

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
 Data File : BF111629.D
 Acq On : 20 Dec 2018 10:25
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 20 13:41:16 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	207734	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	777840	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	402901	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	782226	20.00	ng	0.00
76) Chrysene-d12	14.06	240	606000	20.00	ng	0.00
87) Perylene-d12	15.53	264	472062	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	975341	80.03	ng	0.00
7) Phenol-d6	6.53	99	1252888	80.78	ng	0.00
23) Nitrobenzene-d5	7.46	82	1143840	85.60	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	411123	86.36	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	2153216	77.90	ng	0.00
79) Terphenyl-d14	13.00	244	2494992	78.08	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	220965	38.536	ng	96
3) Pyridine	3.46	79	583028	39.029	ng	96
4) n-Nitrosodimethylamine	3.40	42	285175	39.007	ng	87
6) Aniline	6.56	93	794311	40.177	ng	99
8) 2-Chlorophenol	6.69	128	553320	40.986	ng	95
9) Benzaldehyde	6.45	77	434072	40.693	ng	95
10) Phenol	6.54	94	710229	40.584	ng	98
11) bis(2-Chloroethyl)ether	6.63	93	521397	39.760	ng	99
12) 1,3-Dichlorobenzene	6.85	146	629373	40.227	ng	98
13) 1,4-Dichlorobenzene	6.92	146	637773	40.195	ng	98
14) 1,2-Dichlorobenzene	7.07	146	603676	40.779	ng	95
15) Benzyl Alcohol	7.03	79	500873	40.662	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.17	45	920033	38.093	ng	99
17) 2-Methylphenol	7.15	107	437541	40.475	ng	96
18) Hexachloroethane	7.42	117	220750	41.286	ng	# 88
19) n-Nitroso-di-n-propylamine	7.31	70	400628	38.894	ng	95
20) 3+4-Methylphenols	7.30	107	557721	40.831	ng	# 85
22) Acetophenone	7.30	105	771256	39.139	ng	# 95
24) Nitrobenzene	7.48	77	586291	41.861	ng	97
25) Isophorone	7.72	82	931221	39.253	ng	98
26) 2-Nitrophenol	7.79	139	277726	48.893	ng	94
27) 2,4-Dimethylphenol	7.83	122	434459	38.800	ng	93
28) bis(2-Chloroethoxy)methane	7.93	93	610658	38.682	ng	99
29) 2,4-Dichlorophenol	8.03	162	487886	40.509	ng	97
30) 1,2,4-Trichlorobenzene	8.12	180	529975	39.488	ng	98
31) Naphthalene	8.20	128	1481663	39.644	ng	97
32) Benzoic acid	7.94	122	267816	36.174	ng	92
33) 4-Chloroaniline	8.25	127	648561	40.149	ng	100
34) Hexachlorobutadiene	8.33	225	321189	39.266	ng	98
35) Caprolactam	8.62	113	167600	41.067	ng	95
36) 4-Chloro-3-methylphenol	8.73	107	486389	41.083	ng	95
37) 2-Methylnaphthalene	8.89	142	984308	40.480	ng	99
38) 1-Methylnaphthalene	8.99	142	941345	40.309	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	523348	39.530	ng	# 97

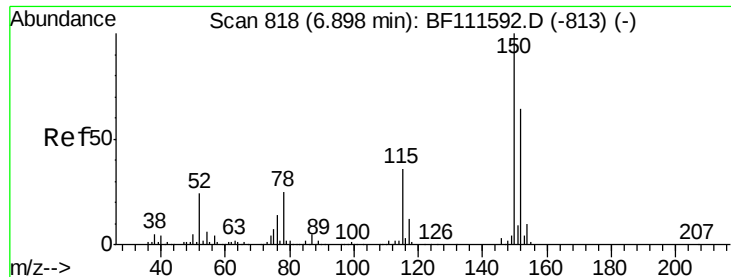
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
 Data File : BF111629.D
 Acq On : 20 Dec 2018 10:25
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 20 13:41:16 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	283003	44.050	nq	99
43) 2,4,6-Trichlorophenol	9.17	196	357192	40.410	nq	99
44) 2,4,5-Trichlorophenol	9.21	196	367217	40.495	nq	# 90
46) 1,1'-Biphenyl	9.36	154	1352766	39.774	nq	96
47) 2-Chloronaphthalene	9.38	162	1058009	39.263	nq	95
48) 2-Nitroaniline	9.47	65	324488	46.288	nq	99
49) Acenaphthylene	9.80	152	1568428	39.865	nq	97
50) Dimethylphthalate	9.66	163	1172816	39.806	nq	98
51) 2,6-Dinitrotoluene	9.71	165	266537	45.369	nq	# 86
52) Acenaphthene	9.97	154	987858	40.710	nq	98
53) 3-Nitroaniline	9.88	138	296283	47.288	nq	98
54) 2,4-Dinitrophenol	9.98	184	93803	52.515	nq	# 33
55) Dibenzofuran	10.14	168	1475350	40.244	nq	96
56) 4-Nitrophenol	10.03	139	230273	48.158	nq	92
57) 2,4-Dinitrotoluene	10.12	165	339914	48.141	nq	# 94
58) Fluorene	10.49	166	1049468	39.727	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.26	232	311689	40.843	nq	# 88
60) Diethylphthalate	10.36	149	1149515	39.774	nq	98
61) 4-Chlorophenyl-phenylether	10.47	204	579591	39.712	nq	93
62) 4-Nitroaniline	10.49	138	285148	46.825	nq	92
63) Azobenzene	10.63	77	1146040	39.498	nq	97
65) 4,6-Dinitro-2-methylphenol	10.52	198	156676	48.399	nq	89
66) n-Nitrosodiphenylamine	10.59	169	1022489	38.940	nq	99
67) 4-Bromophenyl-phenylether	10.96	248	379827	39.149	nq	93
68) Hexachlorobenzene	11.03	284	424707	39.261	nq	99
69) Atrazine	11.12	200	363029	39.797	nq	96
70) Pentachlorophenol	11.22	266	273666	40.921	nq	97
71) Phenanthrene	11.45	178	1614296	38.913	nq	95
72) Anthracene	11.50	178	1640713	39.403	nq	96
73) Carbazole	11.65	167	1590274	39.338	nq	96
74) Di-n-butylphthalate	11.98	149	1736564	38.312	nq	97
75) Fluoranthene	12.63	202	1672808	39.820	nq	97
77) Benzidine	12.75	184	931847	40.864	nq	99
78) Pyrene	12.86	202	1709380	39.944	nq	97
80) Butylbenzylphthalate	13.47	149	707854	40.579	nq	90
81) Benzo(a)anthracene	14.05	228	1378086	39.847	nq	100
82) 3,3'-Dichlorobenzidine	14.00	252	569271	41.661	nq	# 96
83) Chrysene	14.08	228	1349827	39.711	nq	98
84) Bis(2-ethylhexyl)phthalate	14.03	149	856842	38.996	nq	# 98
85) Di-n-octyl phthalate	14.64	149	1247431	36.642	nq	96
86) Indeno(1,2,3-cd)pyrene	17.01	276	1089769	37.714	nq	# 88
88) Benzo(b)fluoranthene	15.09	252	1143665	41.453	nq	# 96
89) Benzo(k)fluoranthene	15.12	252	1035587	39.427	nq	# 97
90) Benzo(a)pyrene	15.46	252	1003366	40.031	nq	# 95
91) Dibenzo(a,h)anthracene	17.03	278	908359	41.385	nq	# 93
92) Benzo(g,h,i)perylene	17.46	276	898001	41.899	nq	# 87

(#) = qualifier out of range (m) = manual integration (+) = signals summed

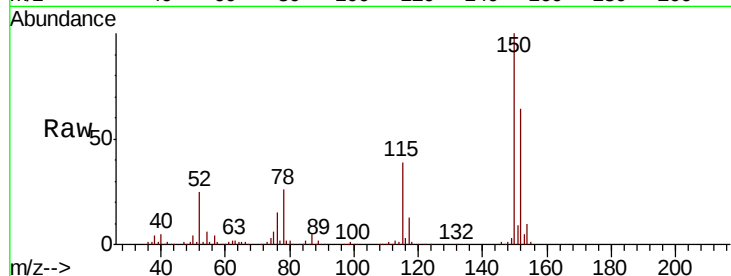


#1

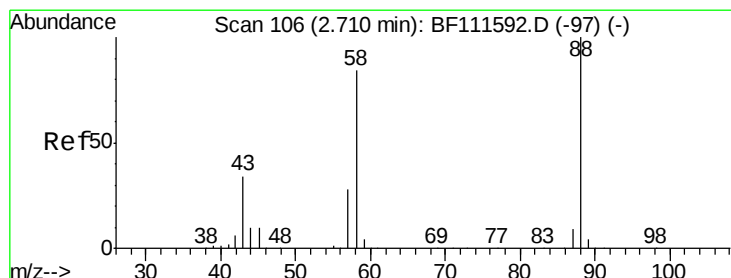
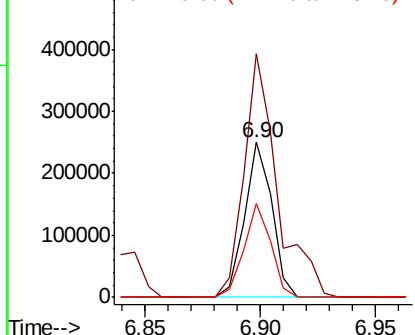
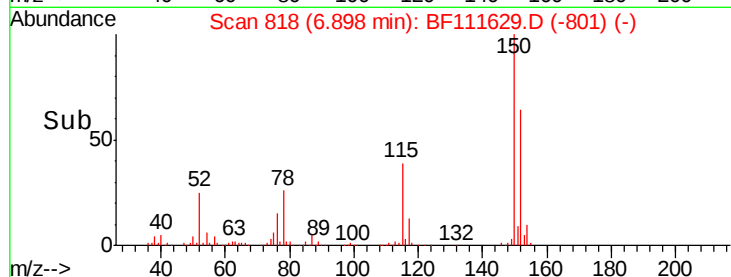
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF111629.D
Acq: 20 Dec 2018 10:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 207734
Ion Ratio Lower Upper
152 100
150 156.9 126.6 189.8
115 60.5 50.7 76.1



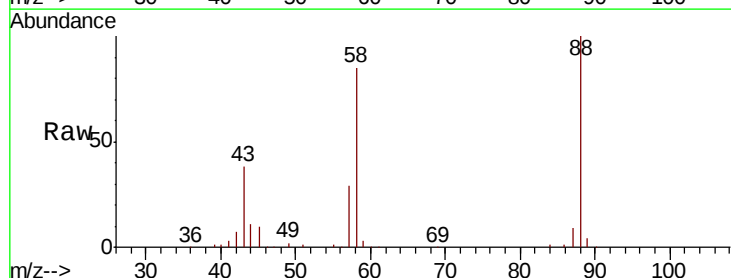
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



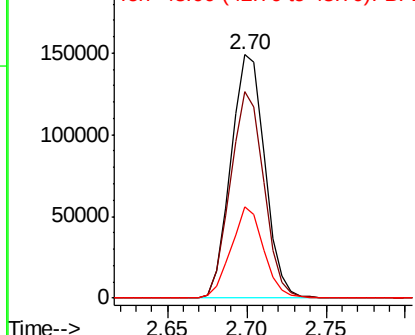
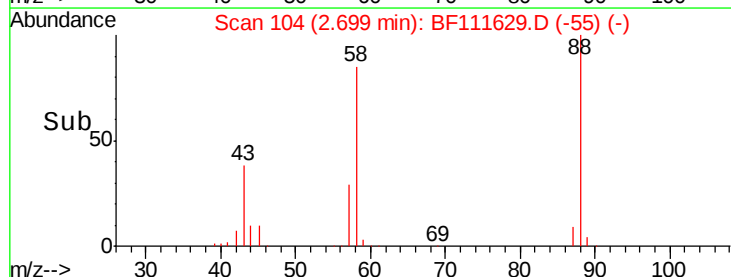
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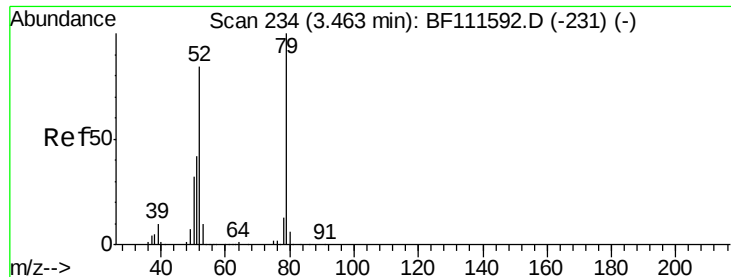
1,4-Dioxane
Concen: 38.536 ng
RT: 2.70 min Scan# 104
Delta R.T. -0.01 min
Lab File: BF111629.D
Acq: 20 Dec 2018 10:25

Tgt Ion: 88 Resp: 220965
Ion Ratio Lower Upper
88 100
58 83.7 68.9 103.3
43 35.5 25.8 38.6



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 39.029 ng

RT: 3.46 min Scan# 234

Delta R.T. 0.00 min

Lab File: BF111629.D

Acq: 20 Dec 2018 10:25

Instrument :

BNA_F

ClientSampleId :

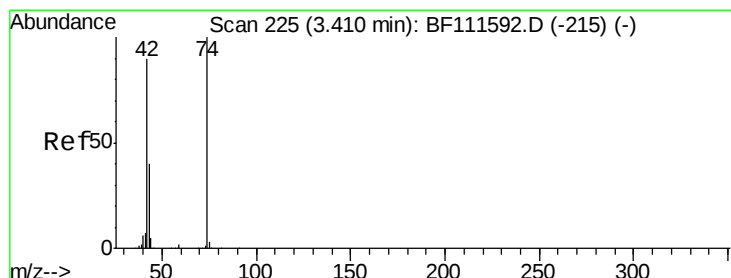
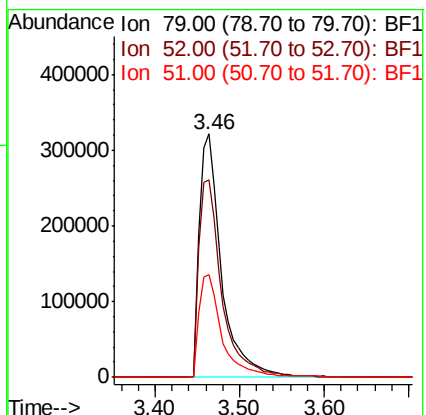
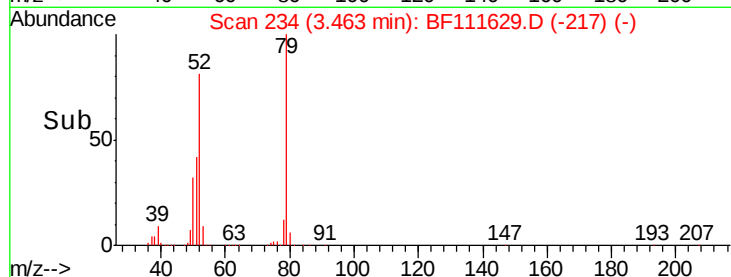
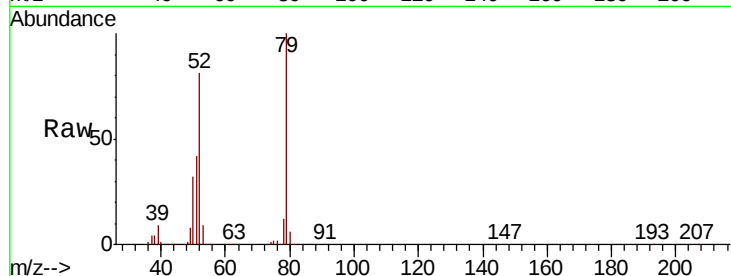
Tot Ion: 79 Resp: 583028

Ion Ratio Lower Upper

79 100

52 81.0 68.3 102.5

51 42.5 32.6 49.0



#4

n-Nitrosodimethylamine

Concen: 39.007 ng

RT: 3.40 min Scan# 224

Delta R.T. -0.01 min

Lab File: BF111629.D

Acq: 20 Dec 2018 10:25

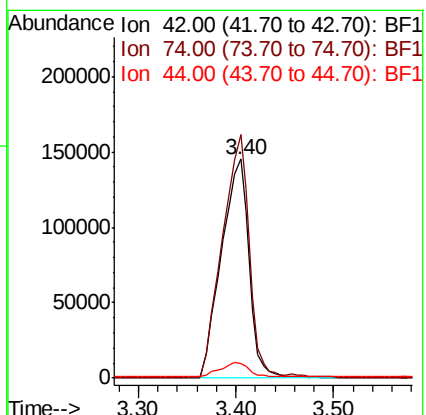
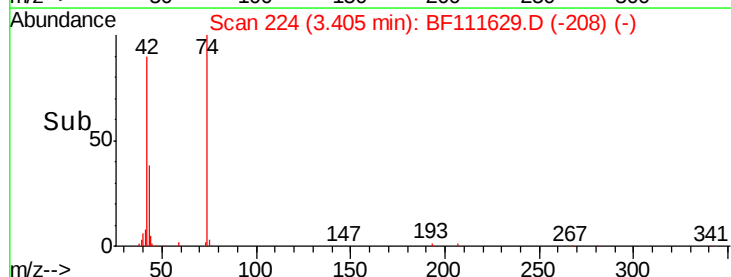
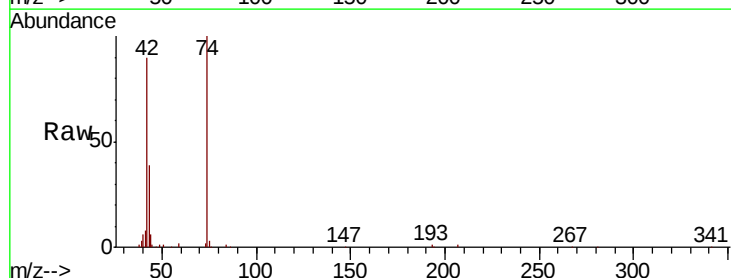
Tgt Ion: 42 Resp: 285175

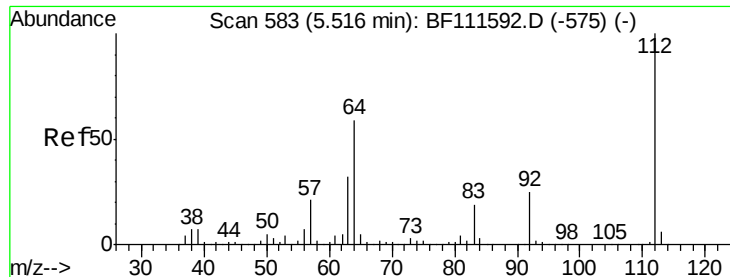
Ion Ratio Lower Upper

42 100

74 111.1 101.5 152.3

44 6.5 6.0 9.0





#5

2-Fluorophenol

Concen: 80.030 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.00 min

Lab File: BF111629.D

Acq: 20 Dec 2018 10:25

Instrument :

BNA_F

ClientSampled :

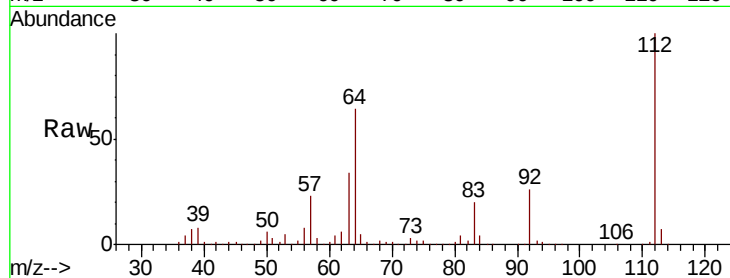
Tot Ion:112 Resp: 975341

Ion Ratio Lower Upper

112 100

64 64.3 51.8 77.6

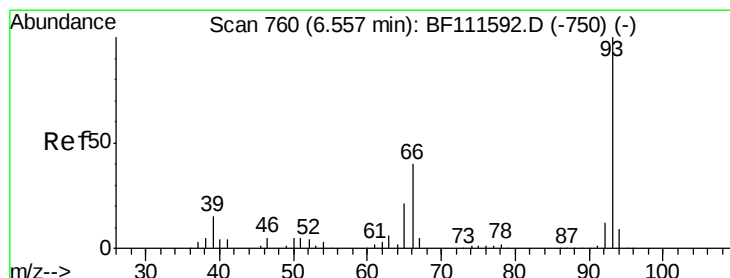
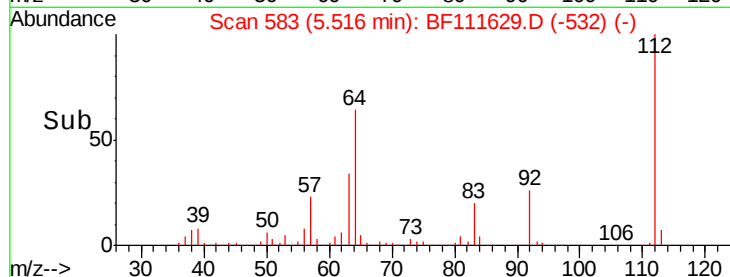
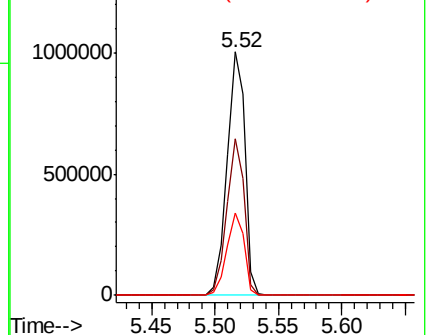
63 34.1 26.8 40.2



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 40.177 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.01 min

Lab File: BF111629.D

Acq: 20 Dec 2018 10:25

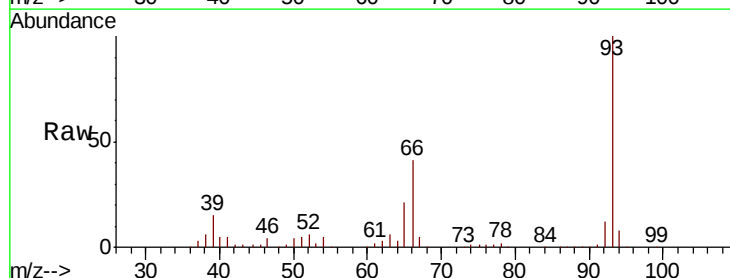
Tgt Ion: 93 Resp: 794311

Ion Ratio Lower Upper

93 100

66 40.6 33.2 49.8

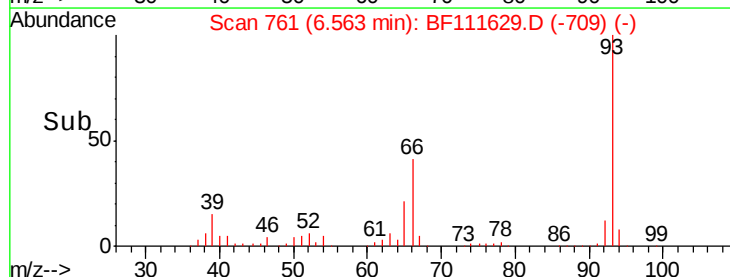
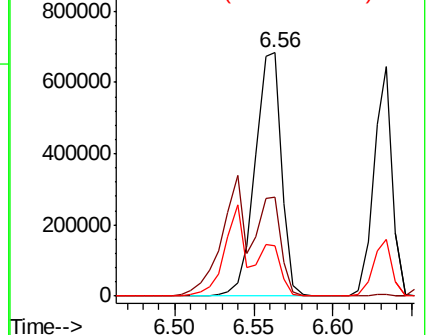
65 20.7 17.0 25.4

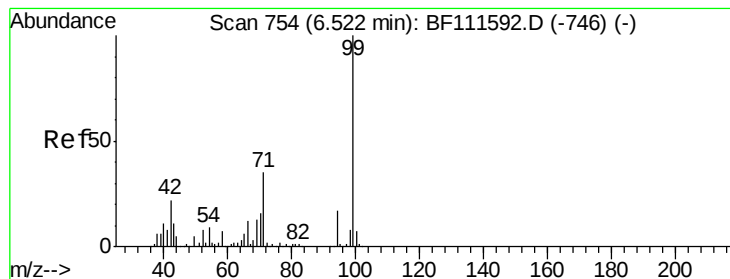


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 80.780 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF111629.D

Acq: 20 Dec 2018 10:25

Instrument :

BNA_F

ClientSampleId :

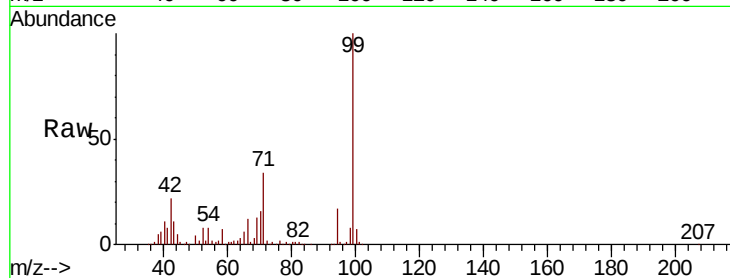
Tot Ion: 99 Resp: 1252888

Ion Ratio Lower Upper

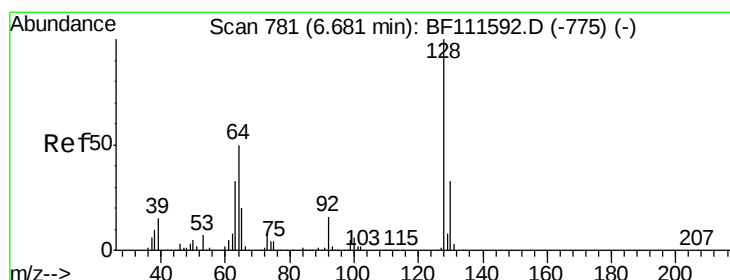
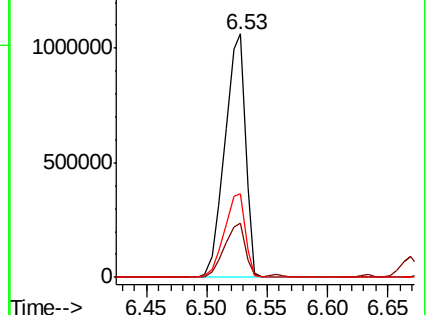
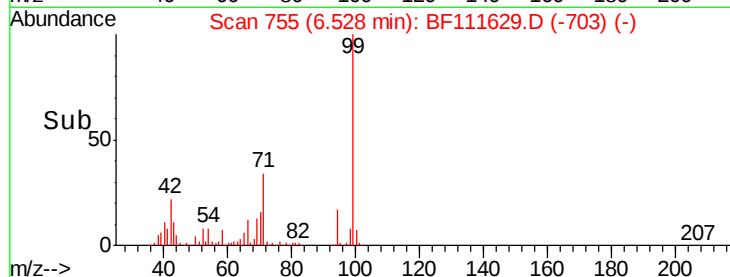
99 100

42 22.3 17.4 26.0

71 34.4 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.986 ng

RT: 6.69 min Scan# 782

Delta R.T. 0.01 min

Lab File: BF111629.D

Acq: 20 Dec 2018 10:25

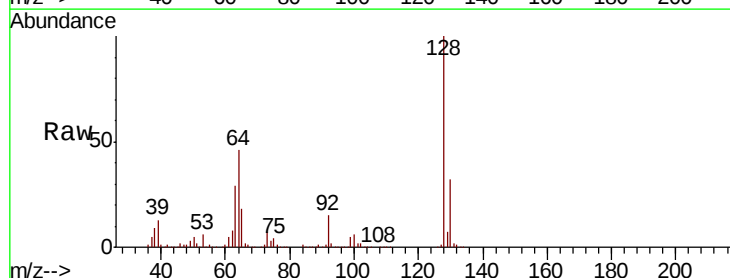
Tgt Ion:128 Resp: 553320

Ion Ratio Lower Upper

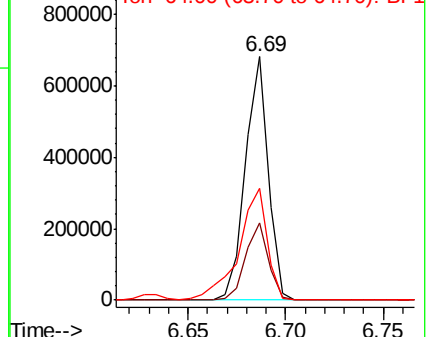
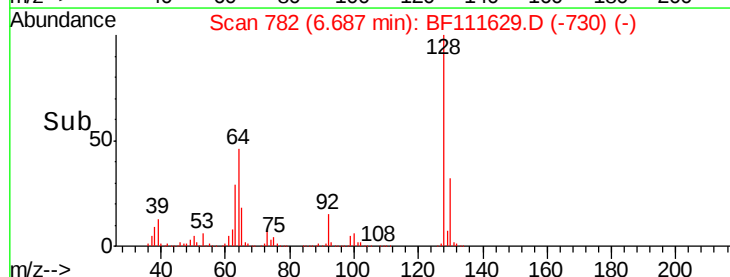
128 100

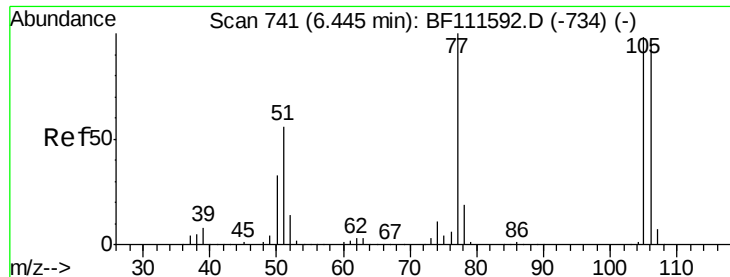
130 31.6 12.7 52.7

64 45.7 30.0 70.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 40.693 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF111629.D

Acq: 20 Dec 2018 10:25

Instrument :

BNA_F

ClientSampleId :

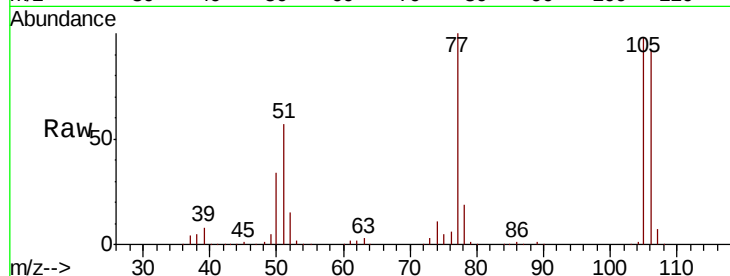
Tot Ion: 77 Resp: 434072

Ion Ratio Lower Upper

77 100

105 97.5 81.4 121.4

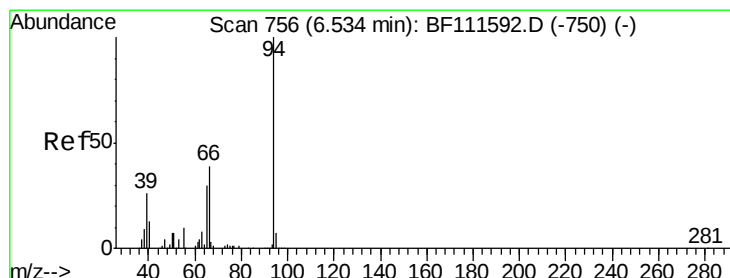
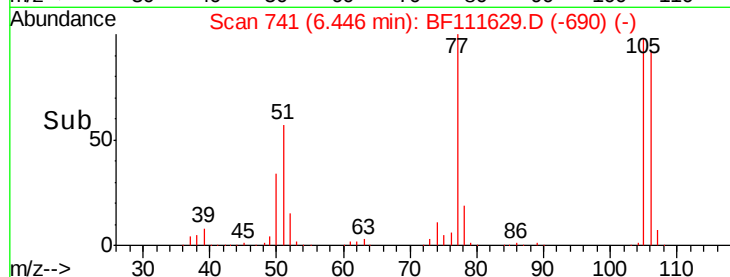
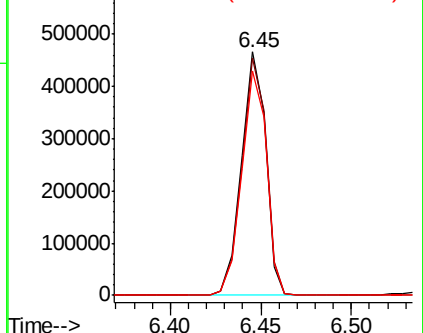
106 92.4 77.9 117.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 40.584 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.01 min

Lab File: BF111629.D

Acq: 20 Dec 2018 10:25

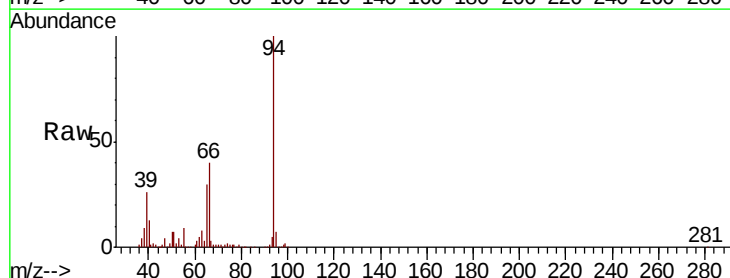
Tgt Ion: 94 Resp: 710229

Ion Ratio Lower Upper

94 100

65 30.2 11.7 51.7

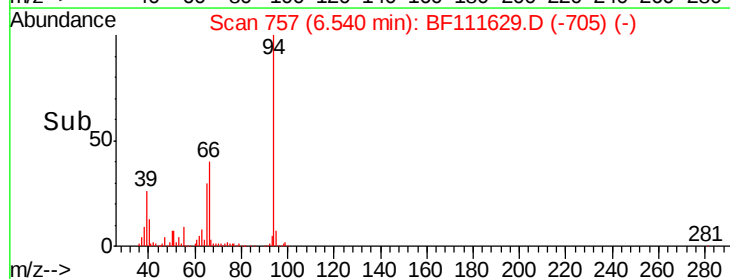
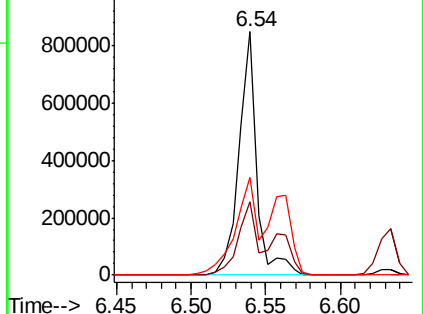
66 40.0 21.0 61.0

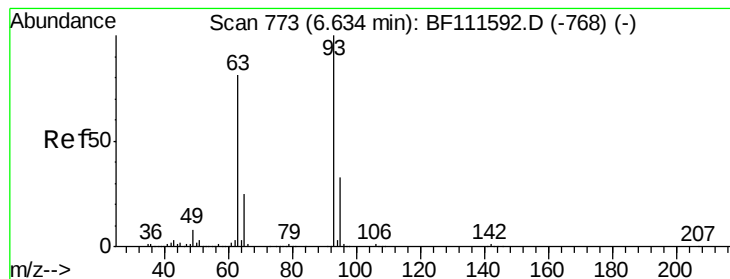


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 39.760 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.00 min

Lab File: BF111629.D

Acq: 20 Dec 2018 10:25

Instrument :

BNA_F

ClientSampleId :

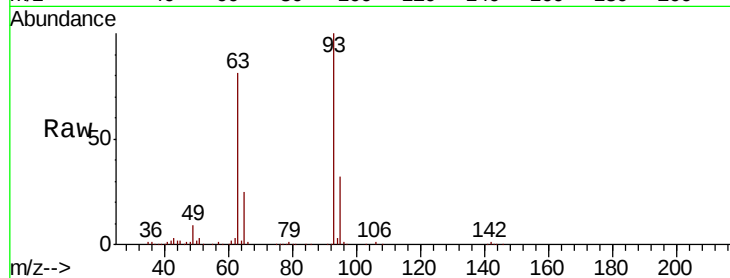
Tot Ion: 93 Resp: 521397

Ion Ratio Lower Upper

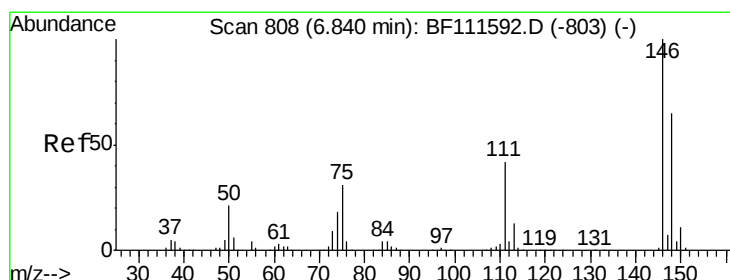
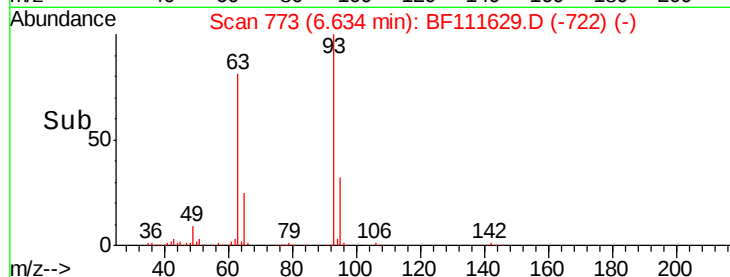
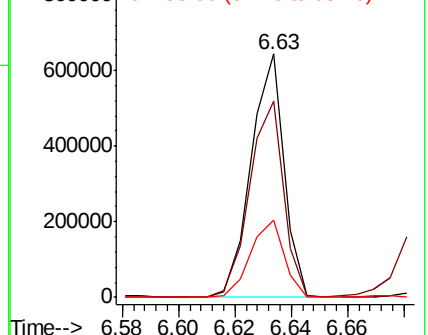
93 100

63 80.7 60.0 100.0

95 32.0 13.4 53.4



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 40.227 ng

RT: 6.85 min Scan# 809

Delta R.T. 0.01 min

Lab File: BF111629.D

Acq: 20 Dec 2018 10:25

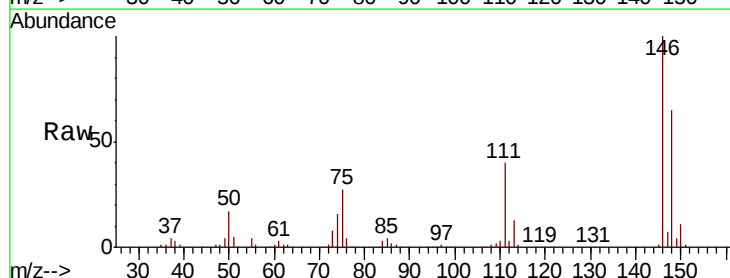
Tgt Ion: 146 Resp: 629373

Ion Ratio Lower Upper

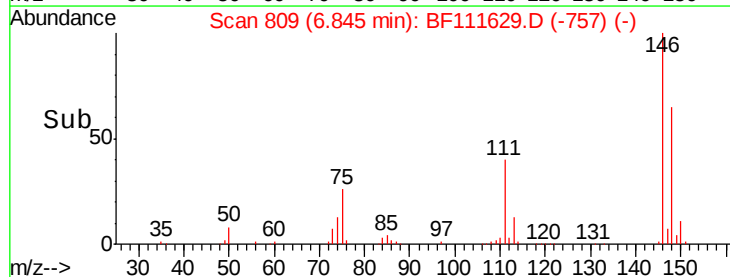
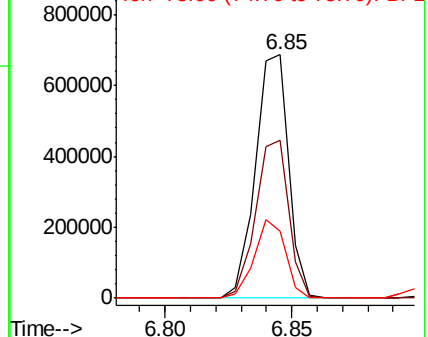
146 100

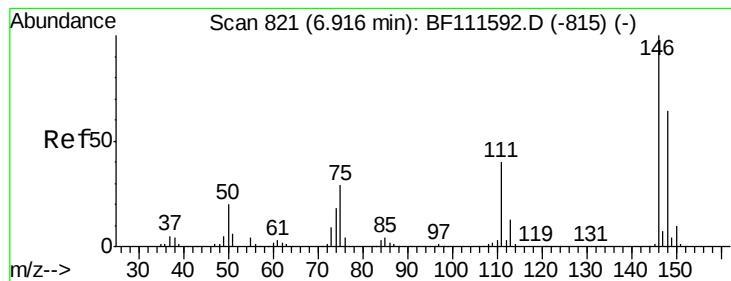
148 64.7 52.1 78.1

75 27.5 23.9 35.9



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 40.195 ng

RT: 6.92 min Scan# 821

Delta R.T. 0.00 min

Lab File: BF111629.D

Acq: 20 Dec 2018 10:25

Instrument :

BNA_F

ClientSampleId :

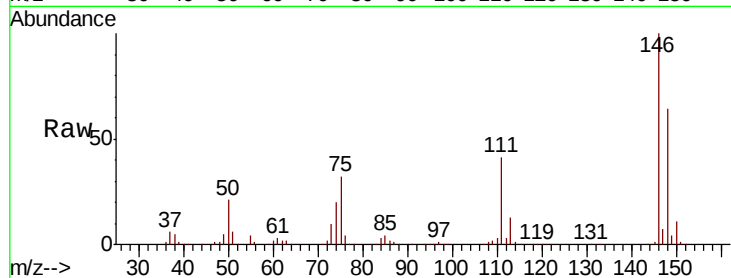
Tot Ion:146 Resp: 637773

Ion Ratio Lower Upper

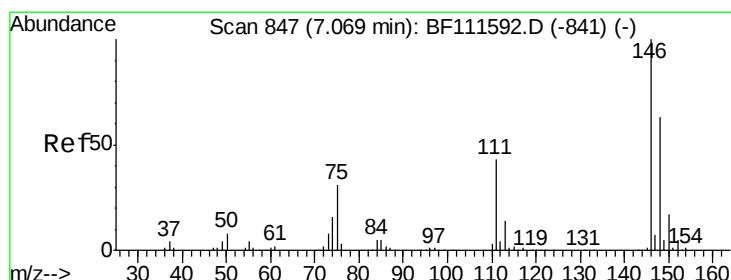
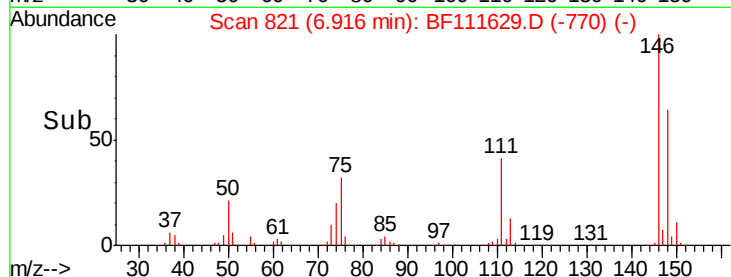
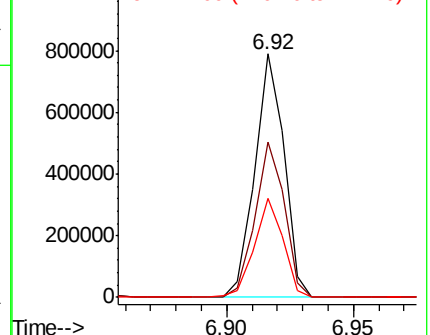
146 100

148 63.9 52.8 79.2

111 40.8 33.4 50.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.779 ng

RT: 7.07 min Scan# 848

Delta R.T. 0.01 min

Lab File: BF111629.D

Acq: 20 Dec 2018 10:25

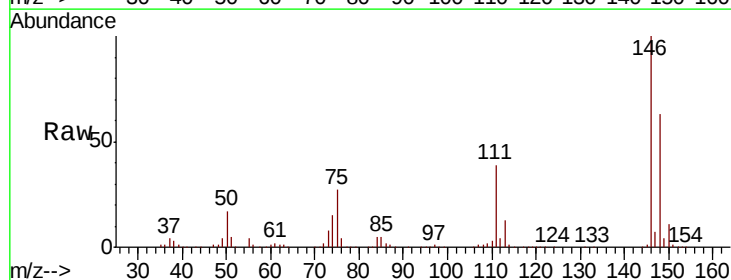
Tgt Ion:146 Resp: 603676

Ion Ratio Lower Upper

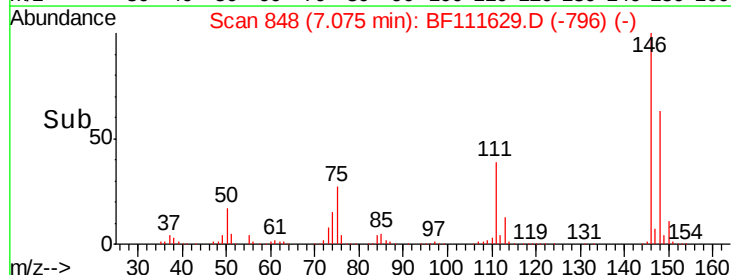
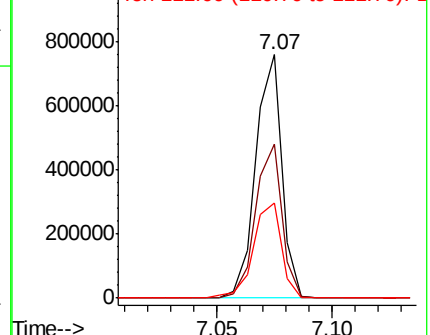
146 100

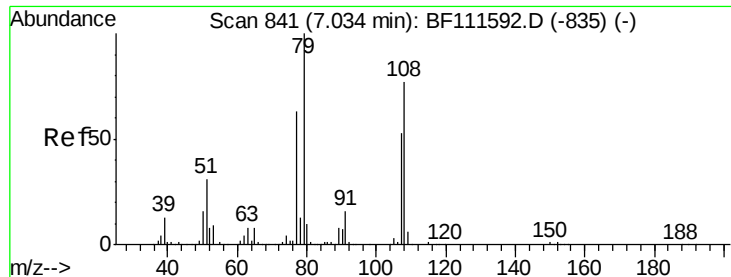
148 63.5 51.9 77.9

111 39.3 36.2 54.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.662 ng

RT: 7.03 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF111629.D

Acq: 20 Dec 2018 10:25

Instrument :

BNA_F

ClientSampleId :

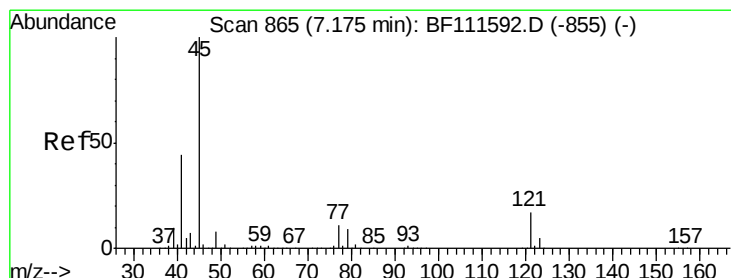
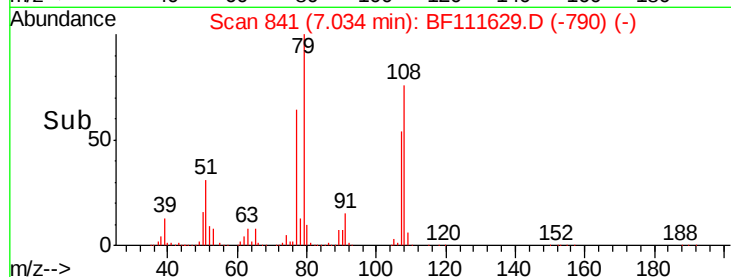
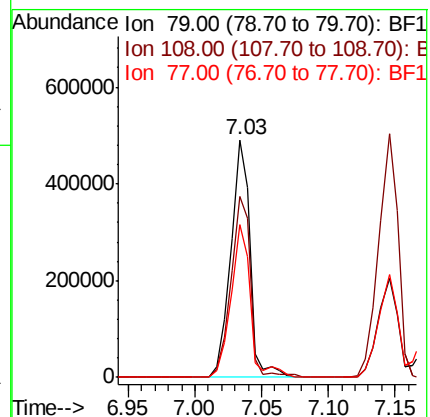
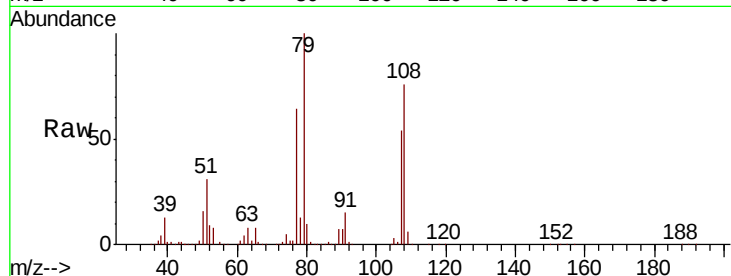
Tot Ion: 79 Resp: 500873

Ion Ratio Lower Upper

79 100

108 76.1 69.4 104.2

77 64.4 49.7 74.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.093 ng

RT: 7.17 min Scan# 865

Delta R.T. 0.00 min

Lab File: BF111629.D

Acq: 20 Dec 2018 10:25

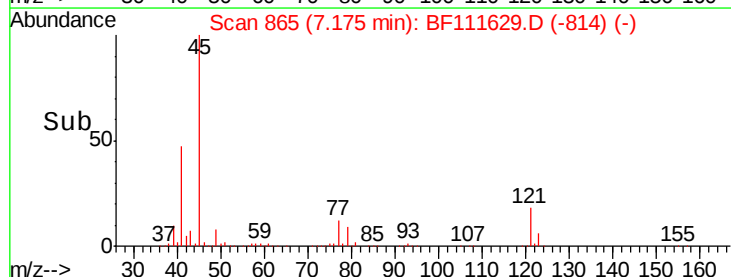
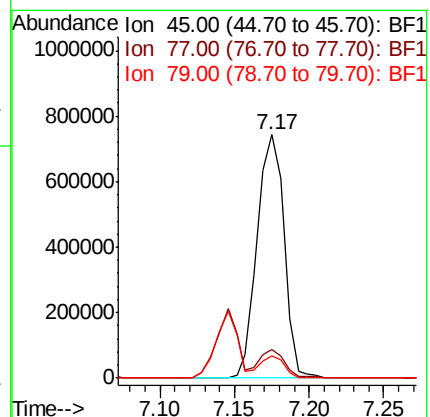
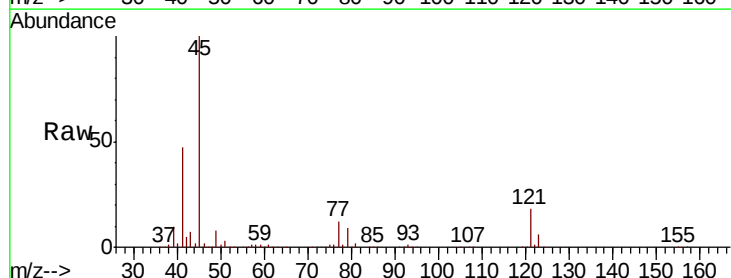
Tgt Ion: 45 Resp: 920033

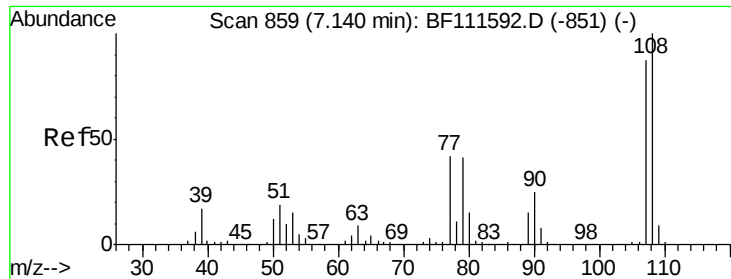
Ion Ratio Lower Upper

45 100

77 11.8 0.0 31.5

79 9.0 0.0 28.9

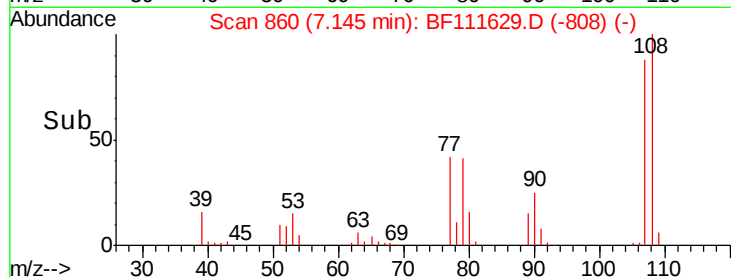
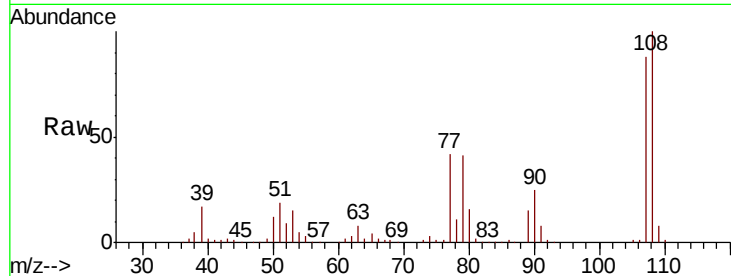




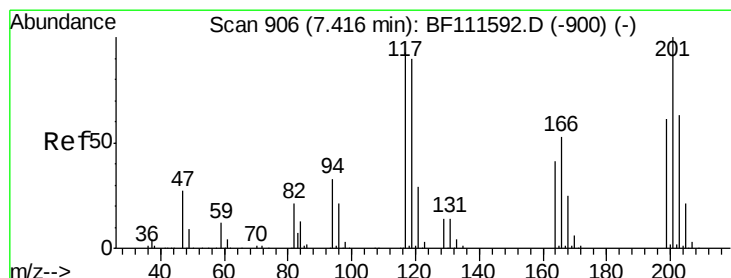
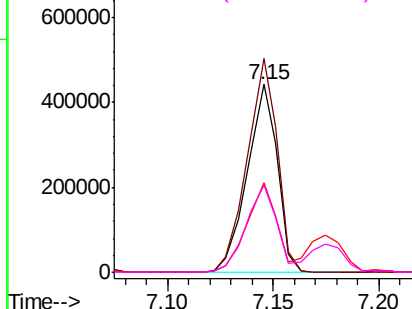
#17
2-Methylphenol
Concen: 40.475 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.01 min
Lab File: BF111629.D
Acq: 20 Dec 2018 10:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	437541
Ion	Ratio	Lower	Upper
107	100		
108	113.8	91.0	136.4
77	47.8	33.5	50.3
79	46.5	33.3	49.9

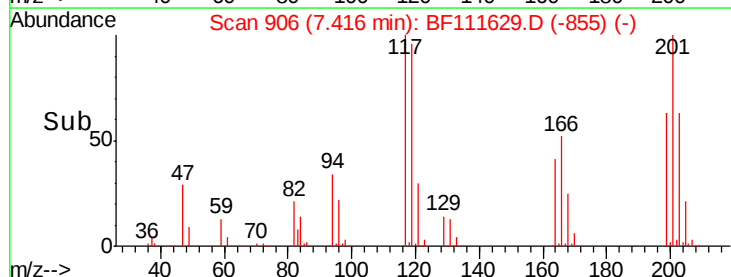
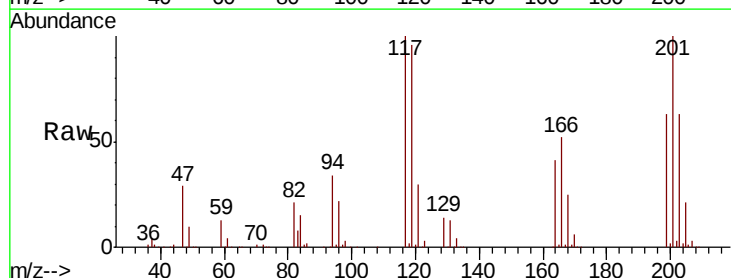


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

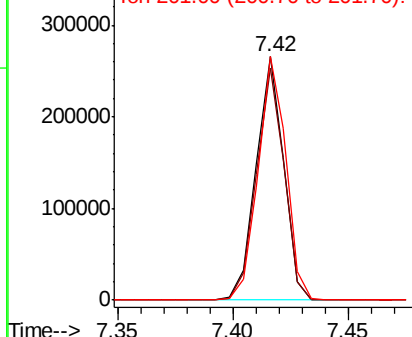


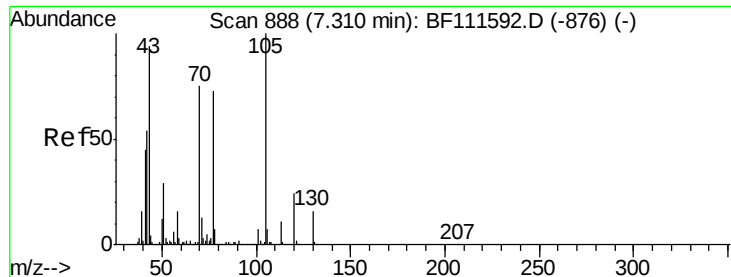
#18
Hexachloroethane
Concen: 41.286 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF111629.D
Acq: 20 Dec 2018 10:25

Tgt Ion:	117	Resp:	220750
Ion	Ratio	Lower	Upper
117	100		
119	95.7	75.4	113.0
201	100.1	62.4	93.6#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

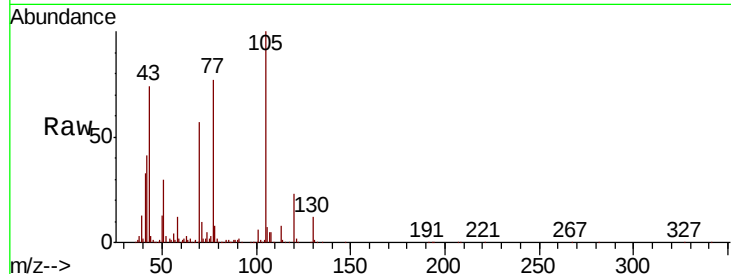




#19
n-Nitroso-di-n-propylamine
Concen: 38.894 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.00 min
Lab File: BF111629.D
Acq: 20 Dec 2018 10:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
70	100		
42	71.6	53.2	79.8
101	9.8	8.2	12.4
130	21.2	18.1	27.1



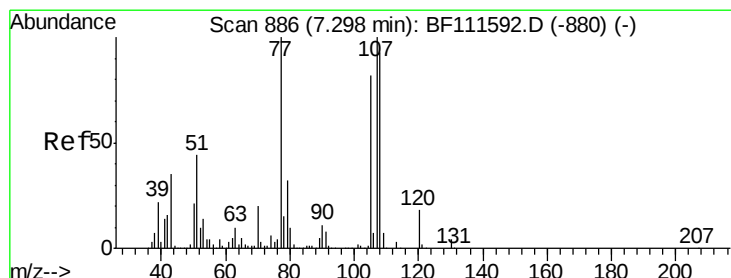
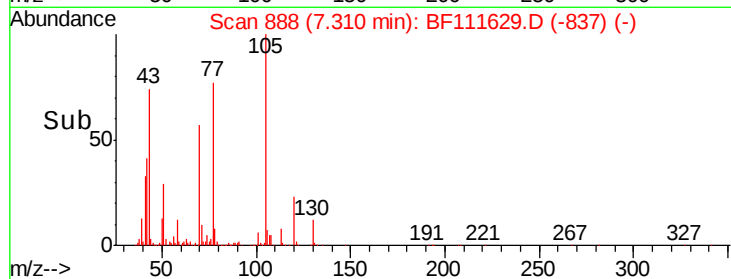
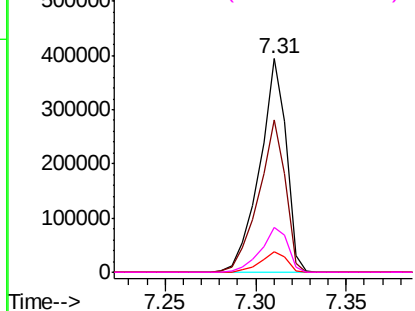
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 40.831 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF111629.D
Acq: 20 Dec 2018 10:25

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.4	72.1	112.1
77	83.1	94.1	134.1#
79	29.8	9.8	49.8

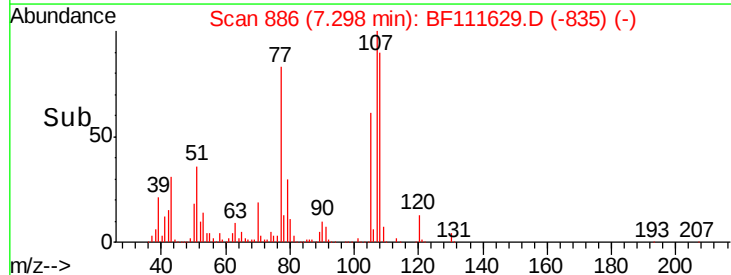
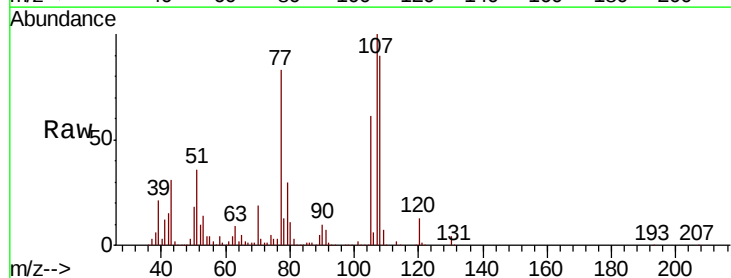
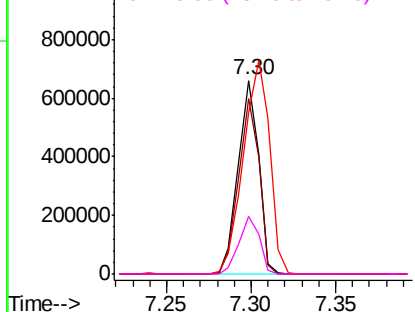
Abundance

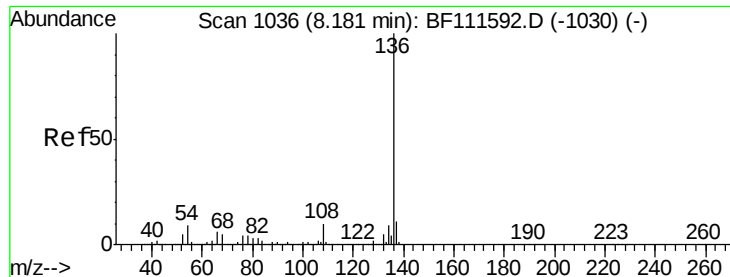
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

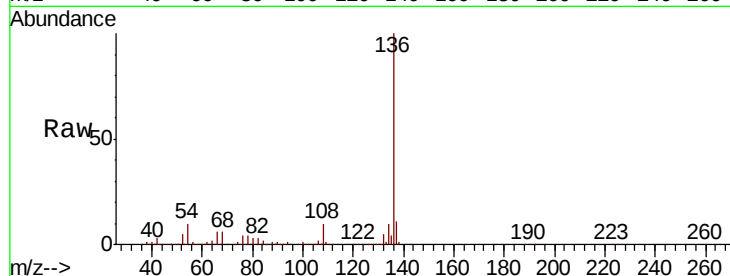




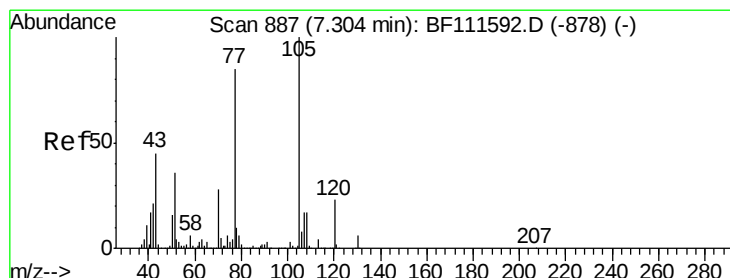
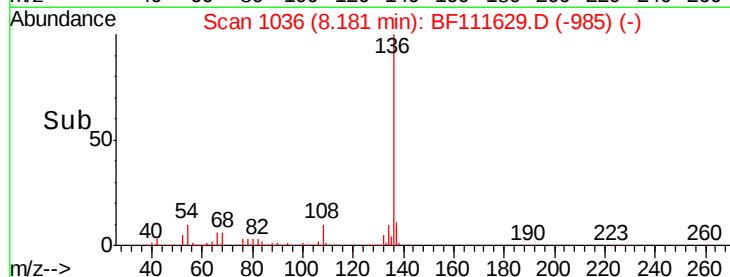
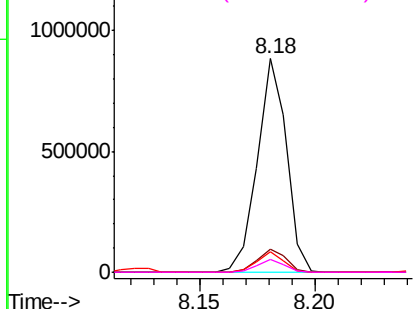
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF111629.D
Acq: 20 Dec 2018 10:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	777840	
Ion Ratio	Lower	Upper	
136 100			
137 11.0	9.1	13.7	
54 9.5	7.7	11.5	
68 5.9	4.9	7.3	

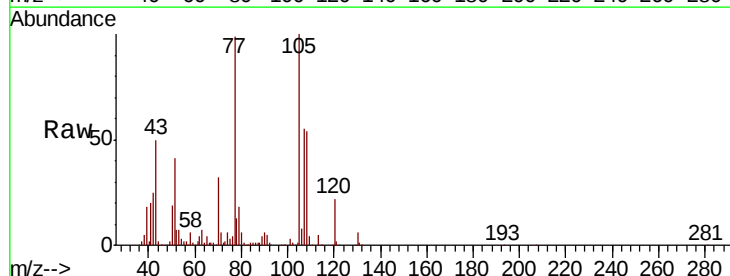


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

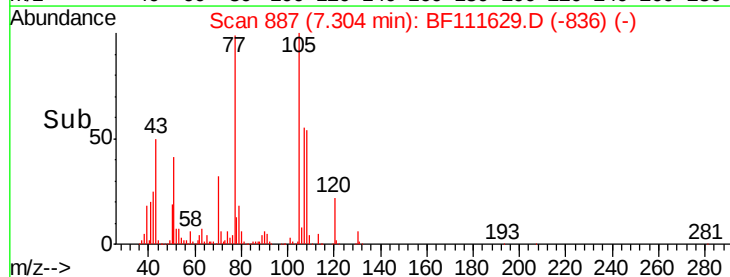
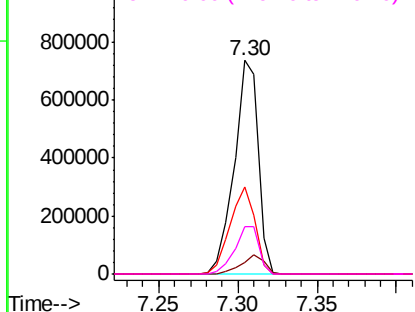


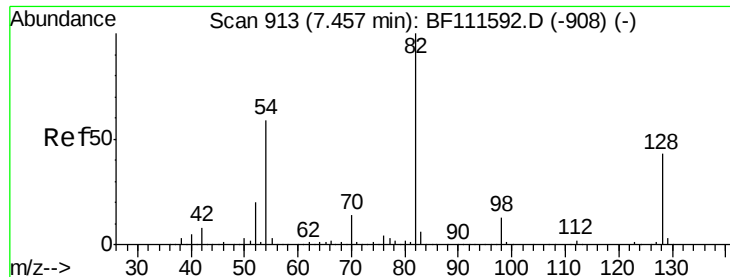
#22
Acetophenone
Concen: 39.139 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.00 min
Lab File: BF111629.D
Acq: 20 Dec 2018 10:25

Tgt	Ion:105	Resp:	771256
Ion	Ratio	Lower	Upper
105	100		
71	5.5	3.1	4.7#
51	40.6	36.6	54.8
120	22.3	18.2	27.4



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

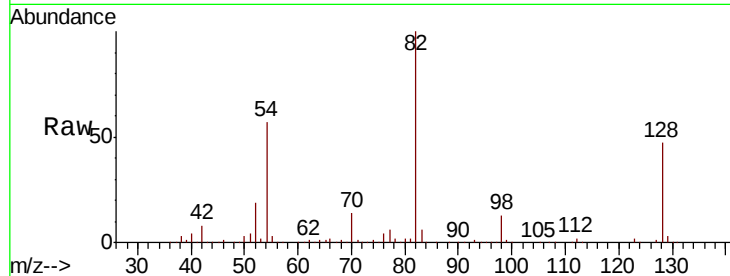




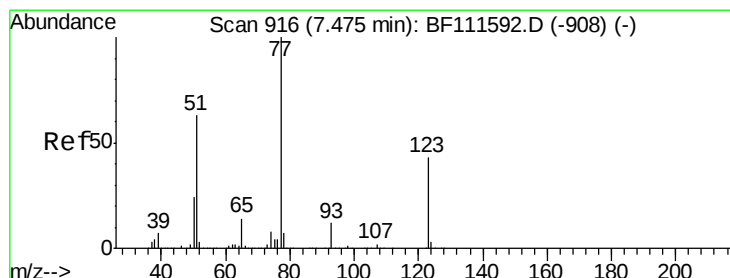
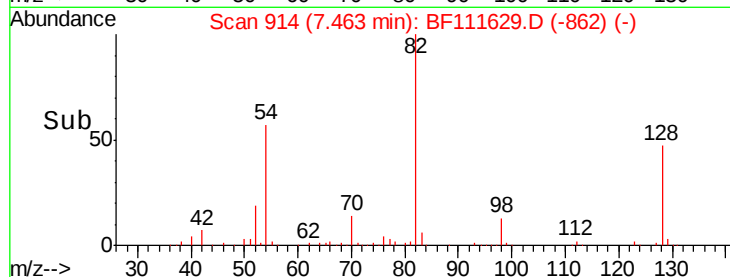
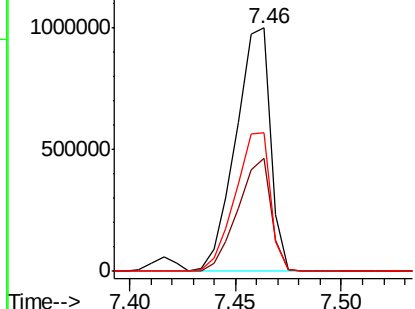
#23
 Nitrobenzene-d5
 Concen: 85.596 ng
 RT: 7.46 min Scan# 914
 Delta R.T. 0.01 min
 Lab File: BF111629.D
 Acq: 20 Dec 2018 10:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1143840
 Ion Ratio Lower Upper
 82 100
 128 46.5 37.4 56.2
 54 57.1 47.6 71.4

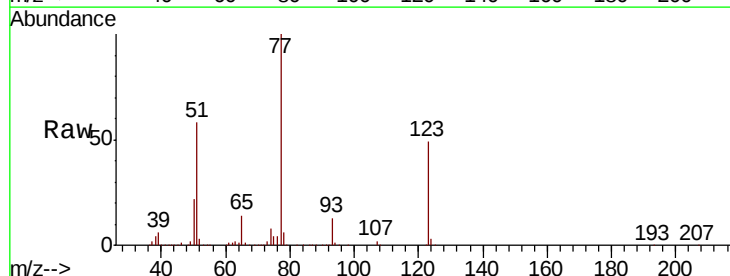


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

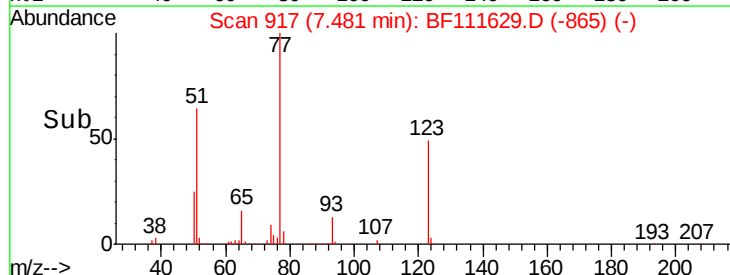
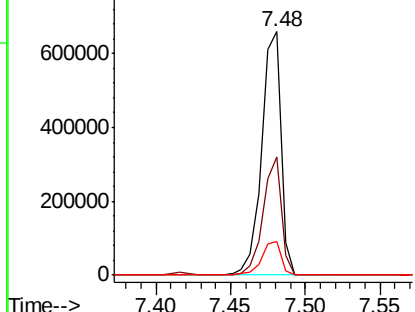


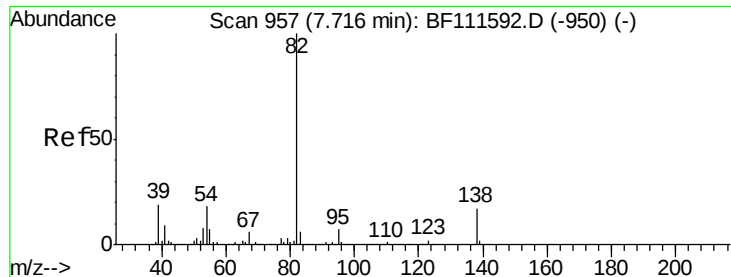
#24
 Nitrobenzene
 Concen: 41.861 ng
 RT: 7.48 min Scan# 917
 Delta R.T. 0.01 min
 Lab File: BF111629.D
 Acq: 20 Dec 2018 10:25

Tgt Ion: 77 Resp: 586291
 Ion Ratio Lower Upper
 77 100
 123 48.7 37.2 55.8
 65 14.0 11.5 17.3



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 39.253 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF111629.D

Acq: 20 Dec 2018 10:25

Instrument :

BNA_F

ClientSampled :

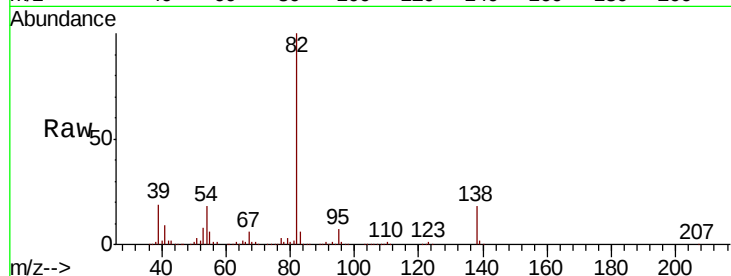
Tot Ion: 82 Resp: 931221

Ion Ratio Lower Upper

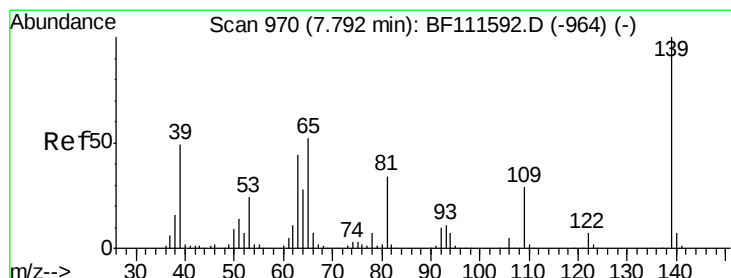
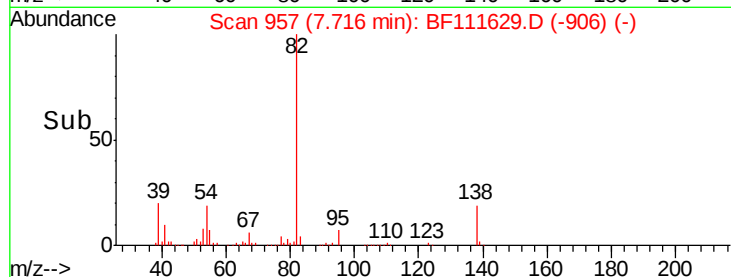
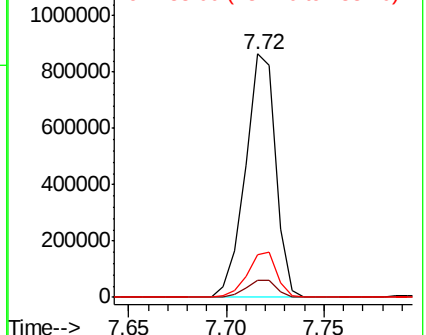
82 100

95 6.9 5.4 8.2

138 17.6 15.1 22.7



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 48.893 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF111629.D

Acq: 20 Dec 2018 10:25

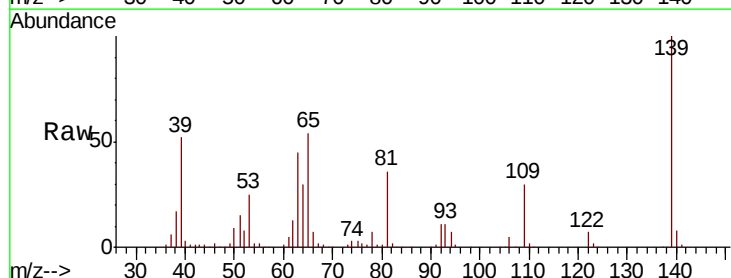
Tgt Ion: 139 Resp: 277726

Ion Ratio Lower Upper

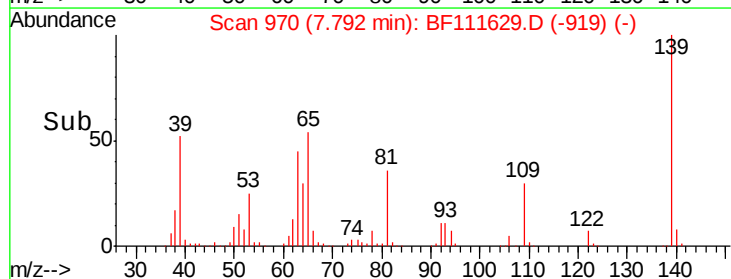
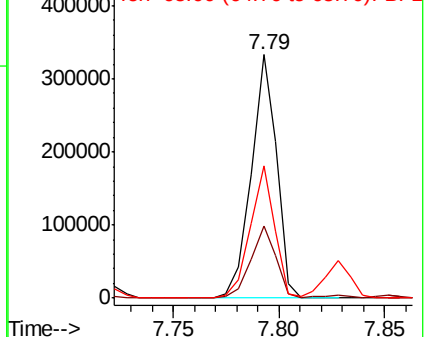
139 100

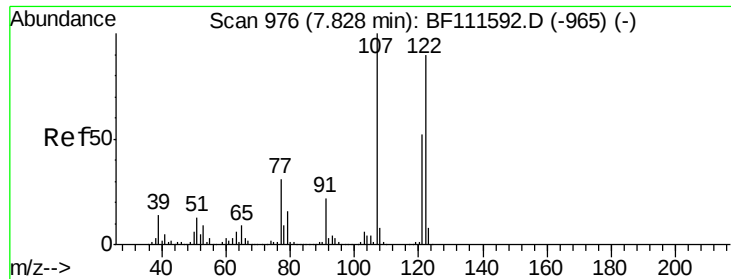
109 29.6 20.2 30.4

65 54.3 40.7 61.1



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1

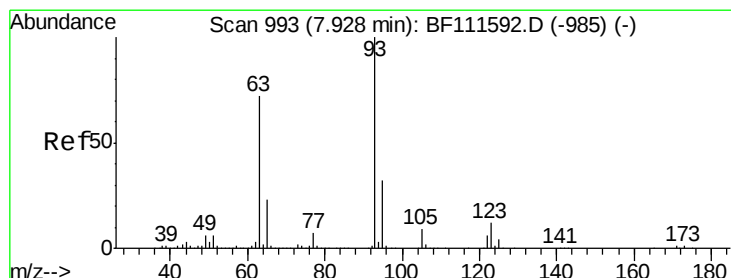
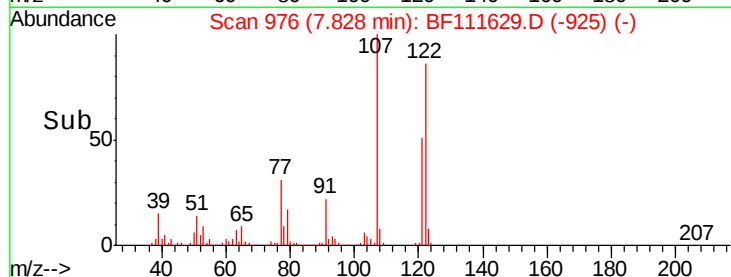
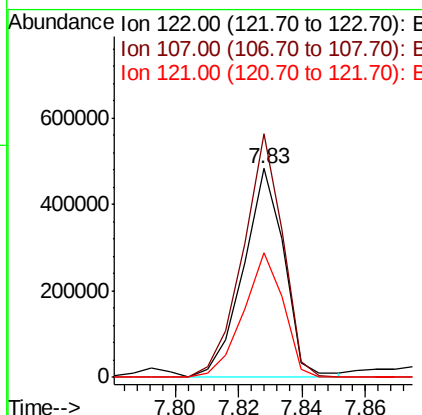
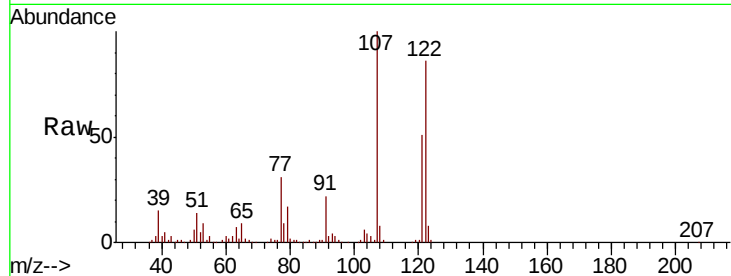




#27
 2,4-Dimethylphenol
 Concen: 38.800 ng
 RT: 7.83 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: BF111629.D
 Acq: 20 Dec 2018 10:25

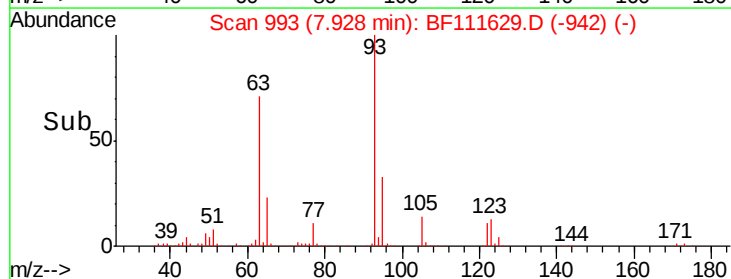
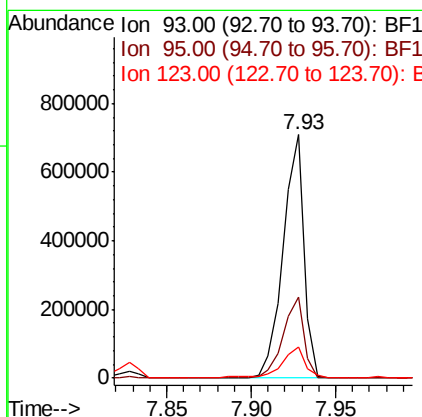
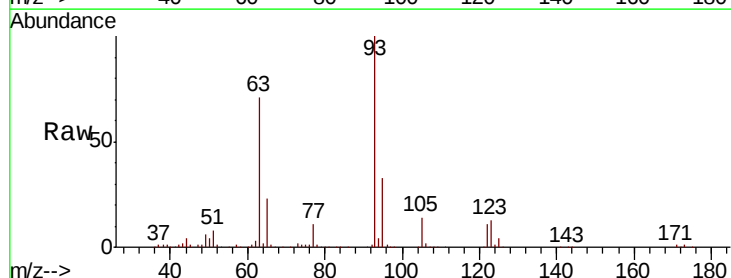
Instrument :
 BNA_F
 ClientSampleId :

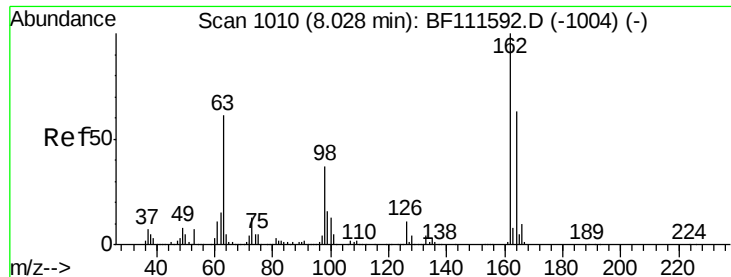
Tot Ion:122 Resp: 434459
 Ion Ratio Lower Upper
 122 100
 107 116.7 85.5 128.3
 121 59.7 46.6 70.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.682 ng
 RT: 7.93 min Scan# 993
 Delta R.T. 0.00 min
 Lab File: BF111629.D
 Acq: 20 Dec 2018 10:25

Tgt Ion: 93 Resp: 610658
 Ion Ratio Lower Upper
 93 100
 95 33.3 27.1 40.7
 123 12.7 9.9 14.9

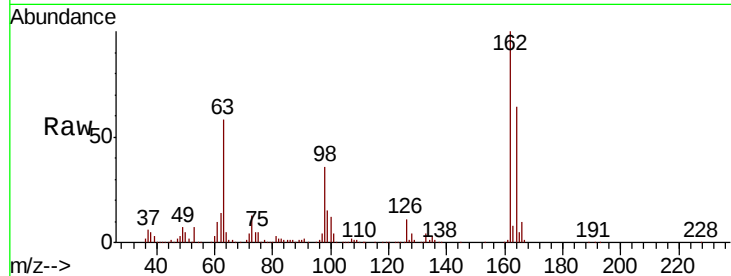




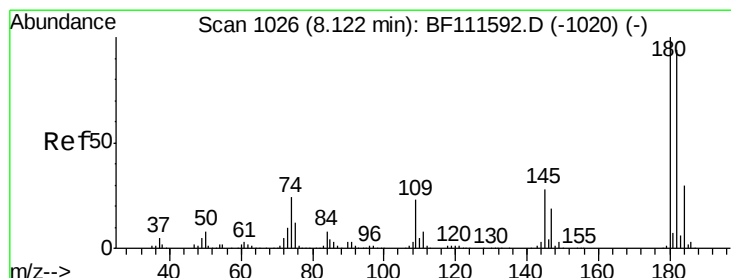
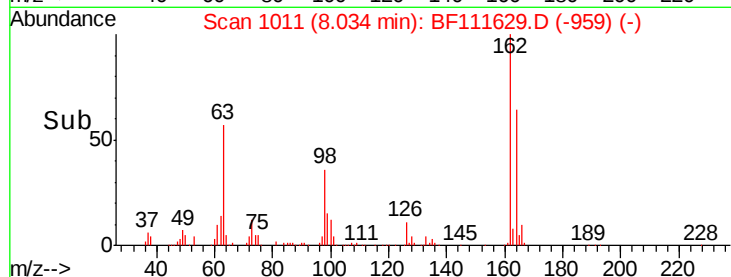
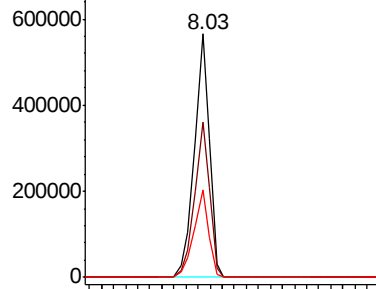
#29
2,4-Dichlorophenol
Concen: 40.509 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.01 min
Lab File: BF111629.D
Acq: 20 Dec 2018 10:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.8	44.4	84.4
98	35.7	20.3	60.3

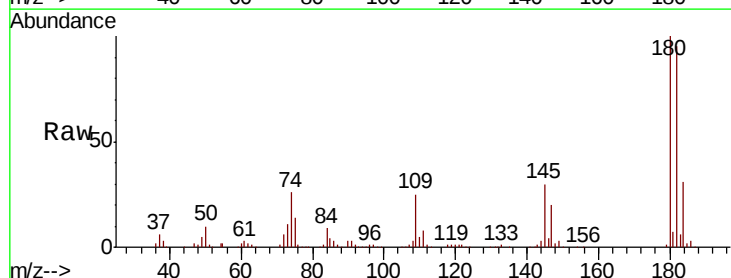


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

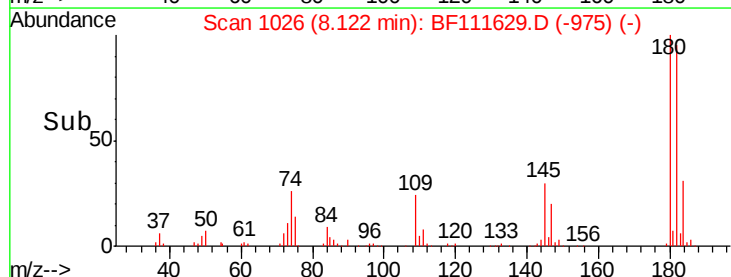
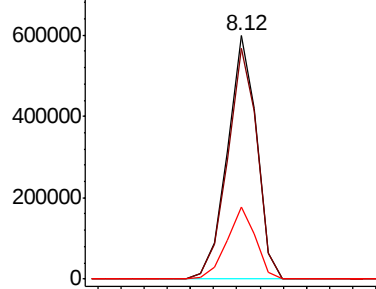


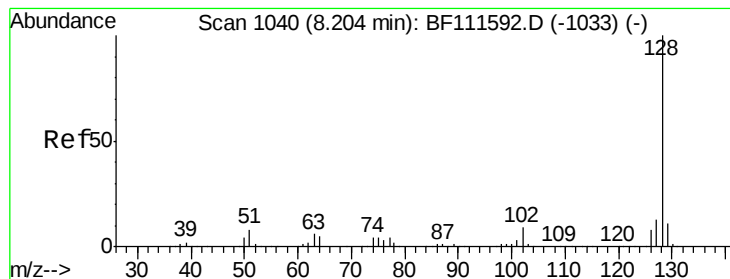
#30
1,2,4-Trichlorobenzene
Concen: 39.488 ng
RT: 8.12 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF111629.D
Acq: 20 Dec 2018 10:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	75.6	113.4
145	29.6	26.7	40.1



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.644 ng

RT: 8.20 min Scan# 1040

Delta R.T. 0.00 min

Lab File: BF111629.D

Acq: 20 Dec 2018 10:25

Instrument :

BNA_F

ClientSampled :

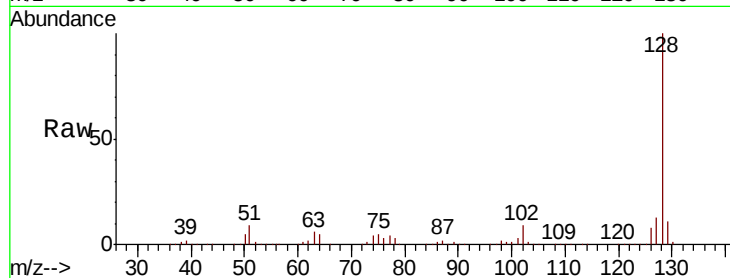
Tot Ion:128 Resp: 1481663

Ion Ratio Lower Upper

128 100

129 11.4 9.8 14.8

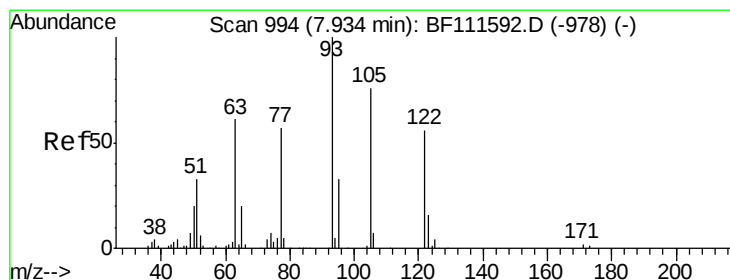
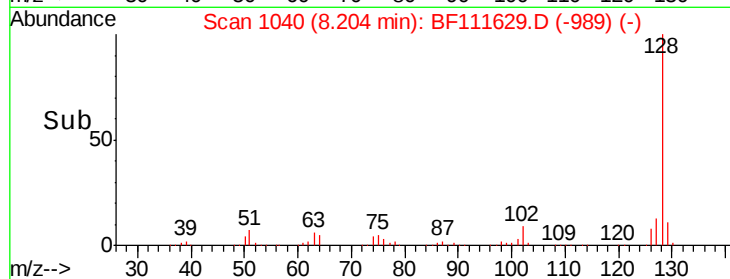
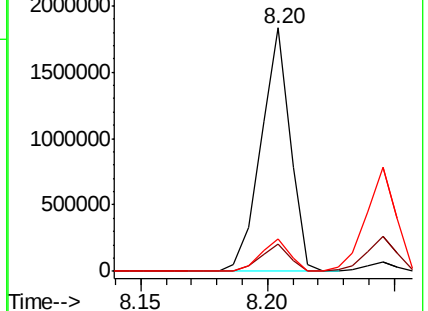
127 13.5 12.0 18.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 36.174 ng

RT: 7.94 min Scan# 995

Delta R.T. 0.01 min

Lab File: BF111629.D

Acq: 20 Dec 2018 10:25

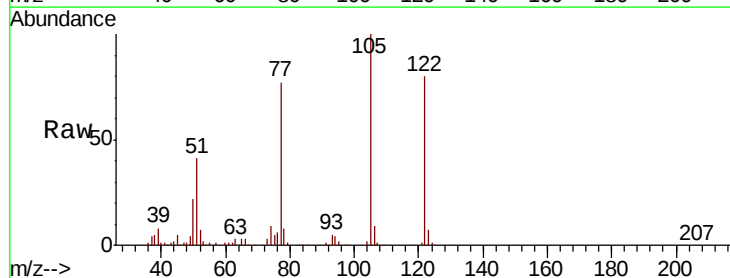
Tgt Ion:122 Resp: 267816

Ion Ratio Lower Upper

122 100

105 124.3 97.0 137.0

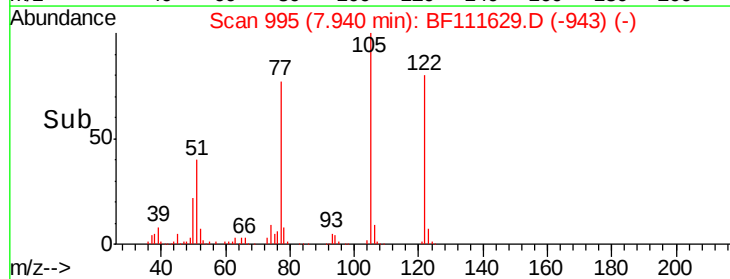
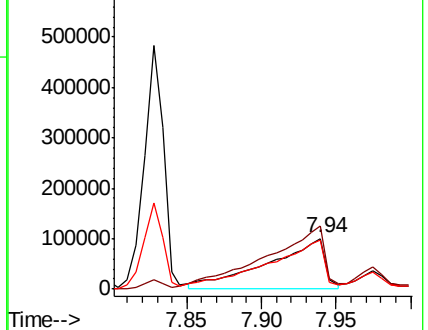
77 95.3 65.7 105.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

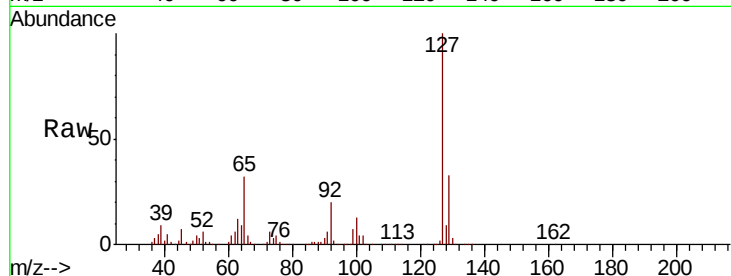




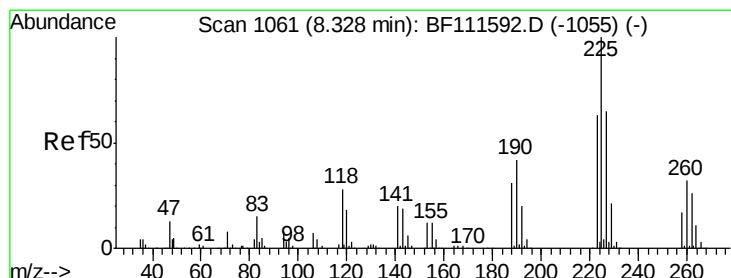
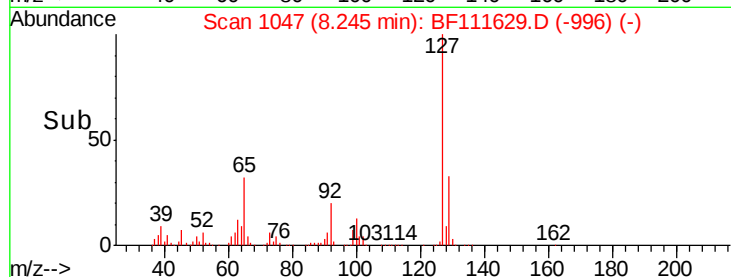
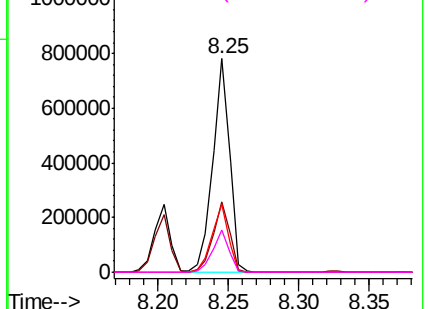
#33
4-Chloroaniline
Concen: 40.149 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF111629.D
Acq: 20 Dec 2018 10:25

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	648561
Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.6	39.8
65	31.9	25.7	38.5
92	19.9	15.4	23.2

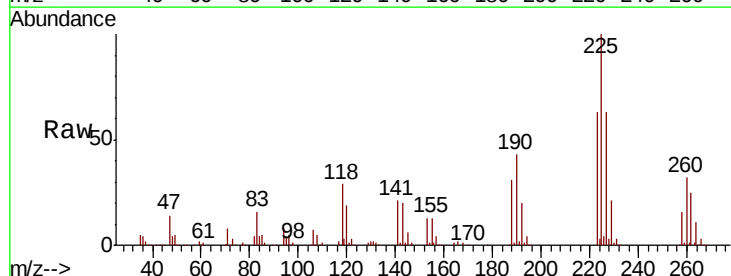


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

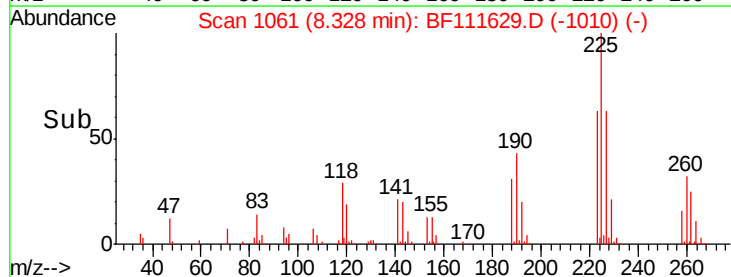
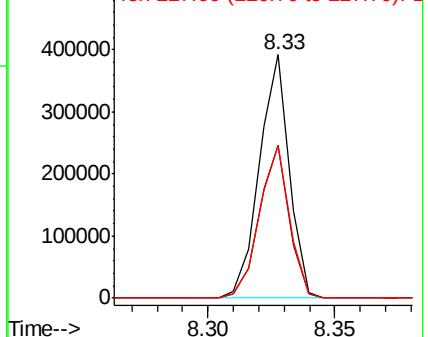


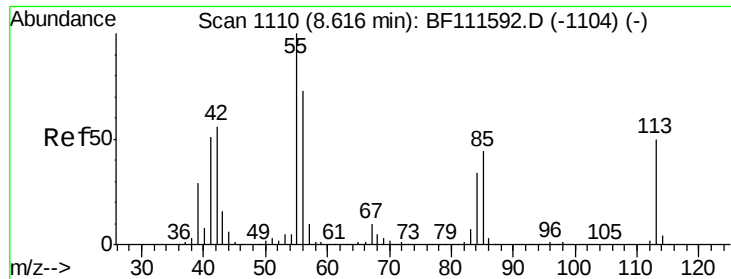
#34
Hexachlorobutadiene
Concen: 39.266 ng
RT: 8.33 min Scan# 1061
Delta R.T. 0.00 min
Lab File: BF111629.D
Acq: 20 Dec 2018 10:25

Tgt Ion:	225	Resp:	321189
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.7	76.1
227	62.9	52.6	78.8



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

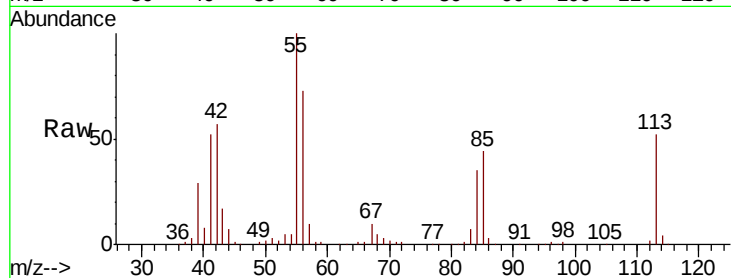




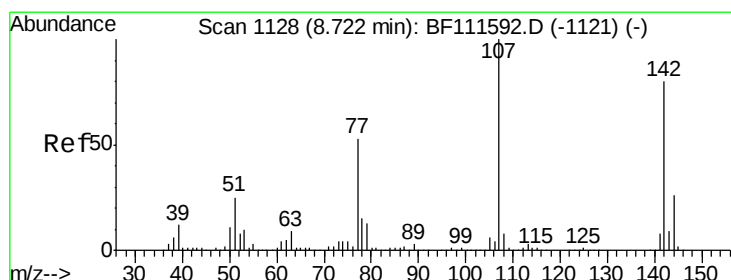
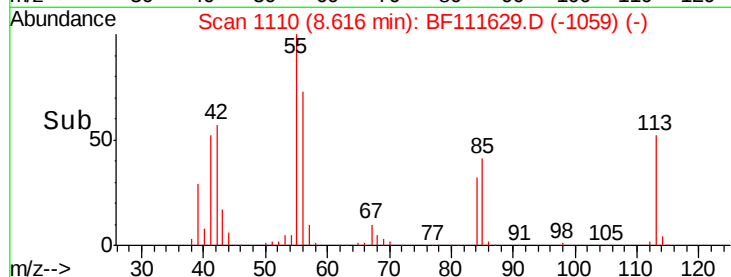
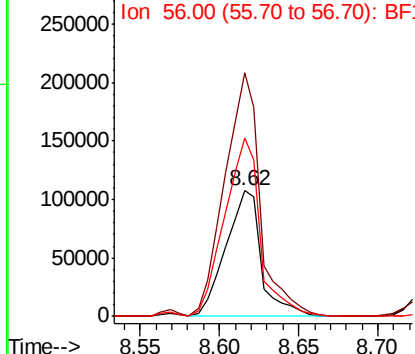
#35
Caprolactam
Concen: 41.067 ng
RT: 8.62 min Scan# 1110
Delta R.T. 0.00 min
Lab File: BF111629.D
Acq: 20 Dec 2018 10:25

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 167600
Ion Ratio Lower Upper
113 100
55 193.7 184.1 224.1
56 142.1 126.0 166.0

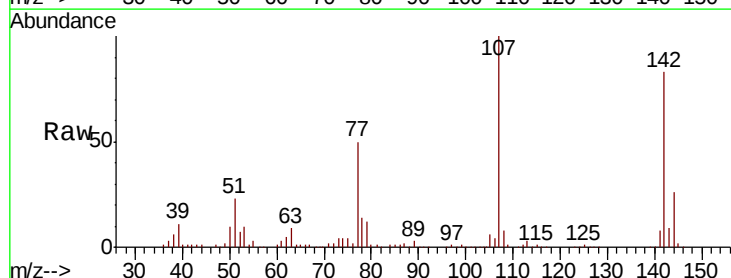


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

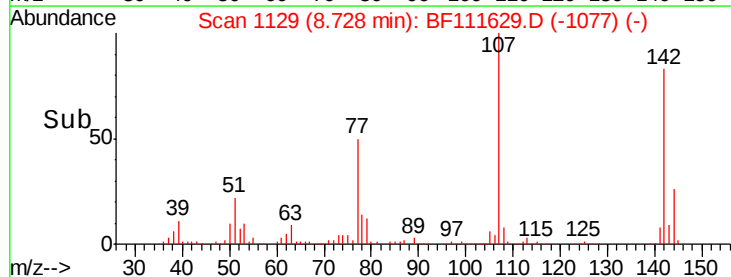
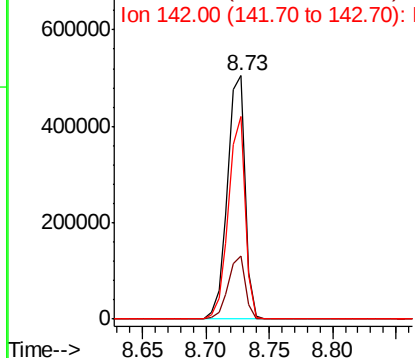


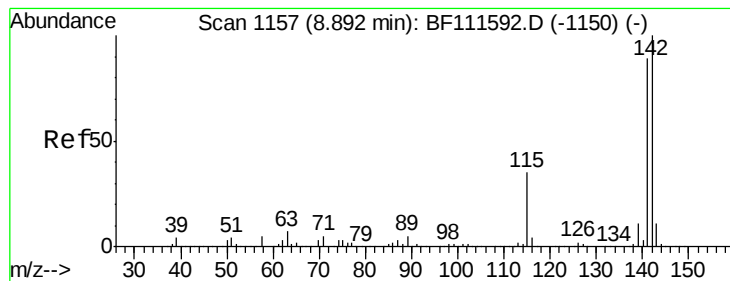
#36
4-Chloro-3-methylphenol
Concen: 41.083 ng
RT: 8.73 min Scan# 1129
Delta R.T. 0.01 min
Lab File: BF111629.D
Acq: 20 Dec 2018 10:25

Tgt Ion:107 Resp: 486389
Ion Ratio Lower Upper
107 100
144 26.1 19.8 29.6
142 83.0 62.3 93.5



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 40.480 ng

RT: 8.89 min Scan# 1157

Delta R.T. 0.00 min

Lab File: BF111629.D

Acq: 20 Dec 2018 10:25

Instrument :

BNA_F

ClientSampled :

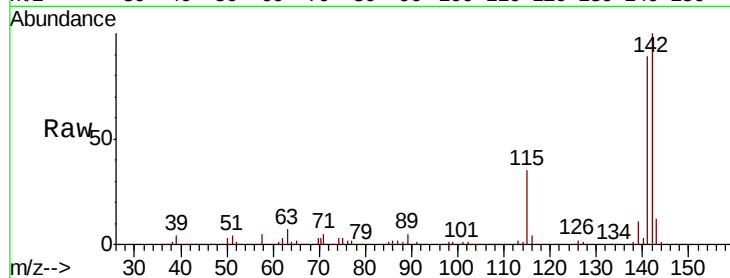
Tot Ion:142 Resp: 984308

Ion Ratio Lower Upper

142 100

141 88.6 70.6 105.8

115 35.3 27.0 40.6

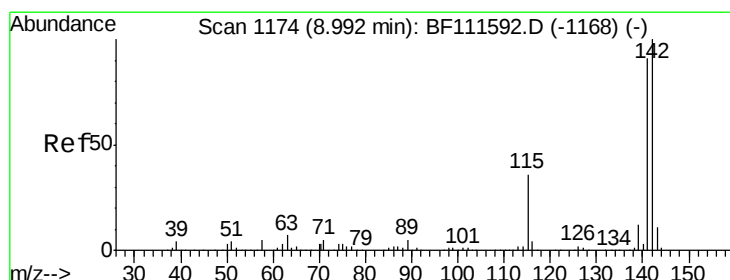
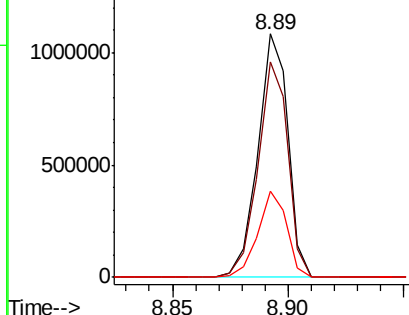
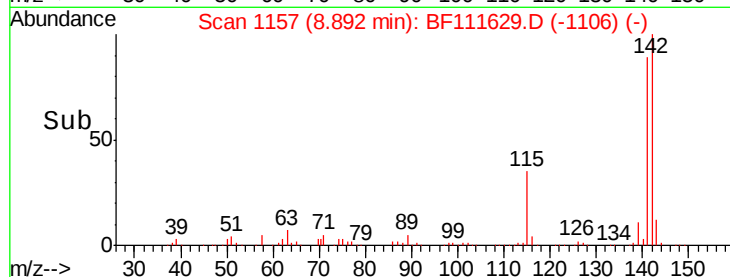


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 40.309 ng

RT: 8.99 min Scan# 1174

Delta R.T. 0.00 min

Lab File: BF111629.D

Acq: 20 Dec 2018 10:25

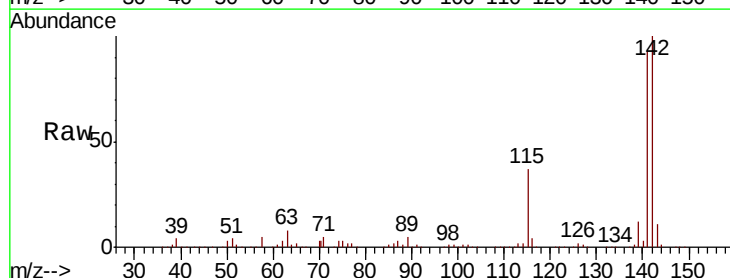
Tgt Ion:142 Resp: 941345

Ion Ratio Lower Upper

142 100

141 92.9 74.2 111.4

116 3.9 2.9 4.3

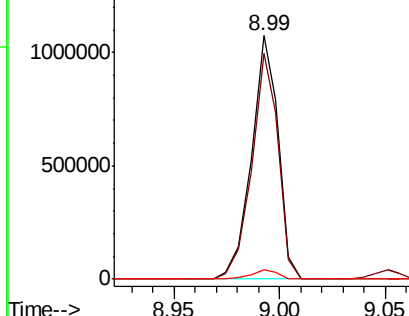
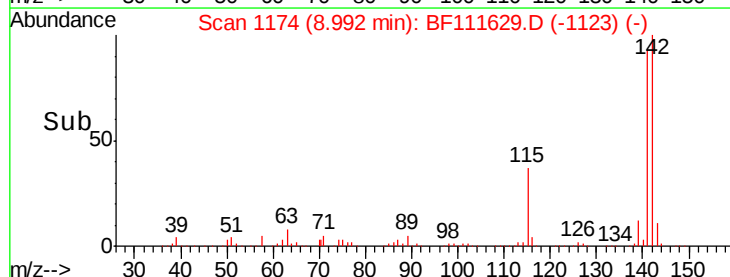


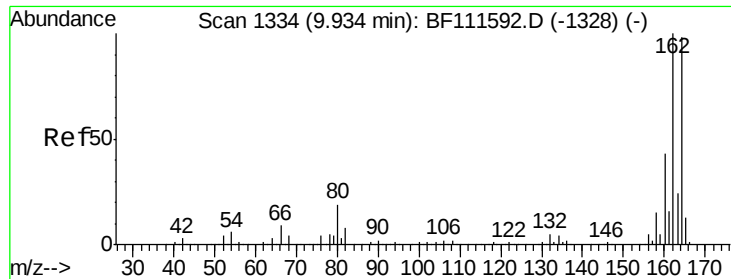
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

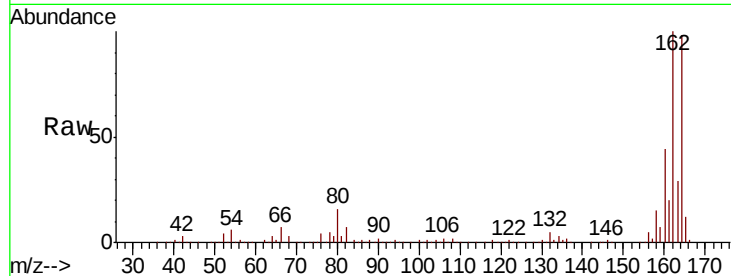




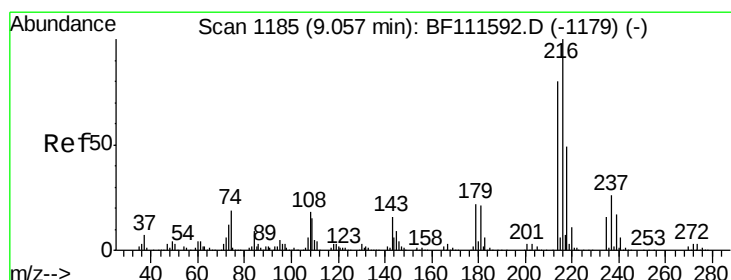
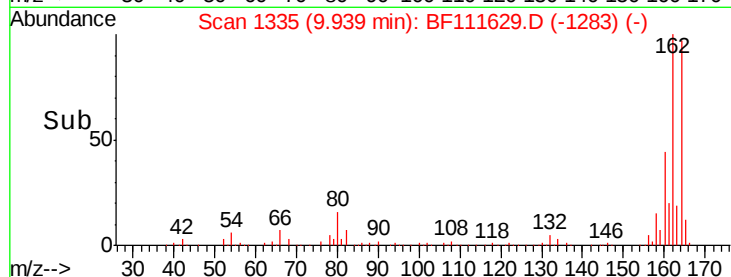
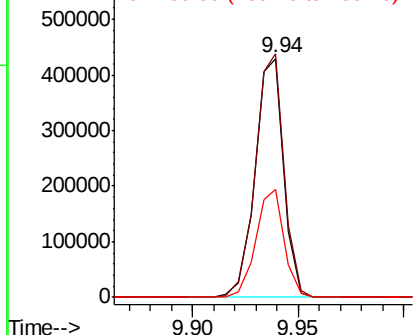
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF111629.D
Acq: 20 Dec 2018 10:25

Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 402901
Ion Ratio Lower Upper
164 100
162 102.0 81.4 122.0
160 45.3 35.7 53.5

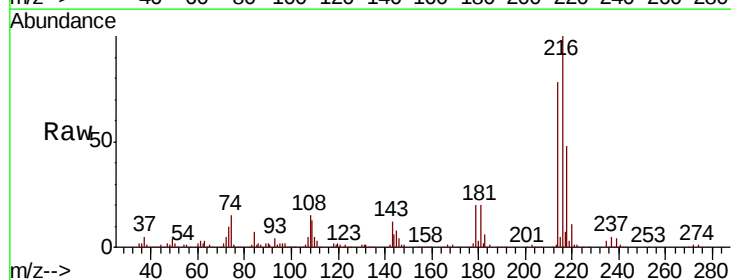


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

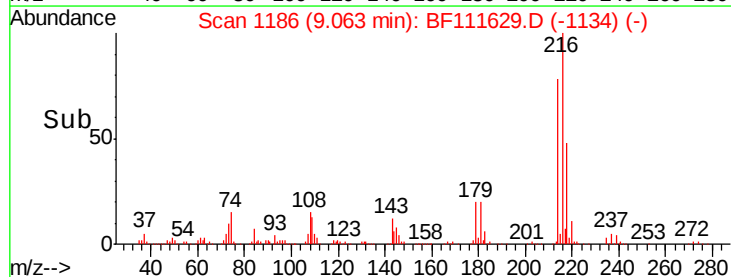
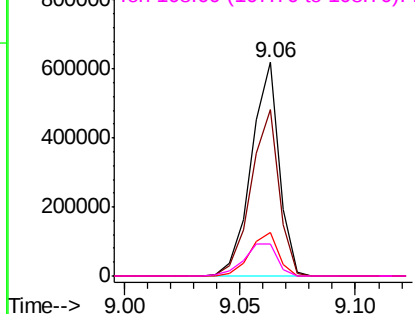


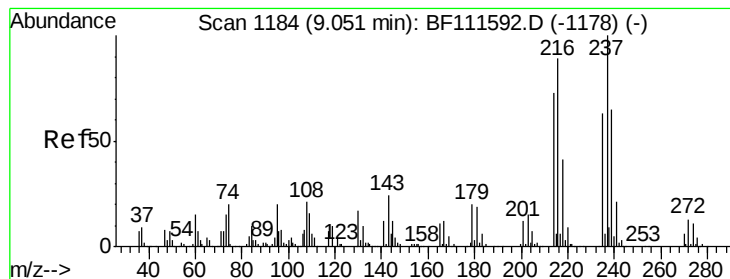
#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.530 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.01 min
Lab File: BF111629.D
Acq: 20 Dec 2018 10:25

Tgt Ion:216 Resp: 523348
Ion Ratio Lower Upper
216 100
214 78.5 63.8 95.8
179 20.8 17.9 26.9
108 18.2 18.4 27.6#



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 44.050 ng

RT: 9.05 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BF111629.D

Acq: 20 Dec 2018 10:25

Instrument :

BNA_F

ClientSampled :

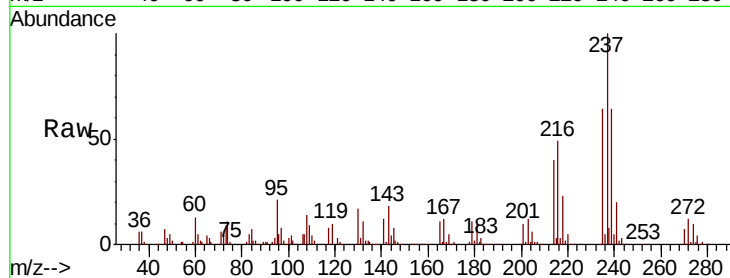
Tot Ion:237 Resp: 283003

Ion Ratio Lower Upper

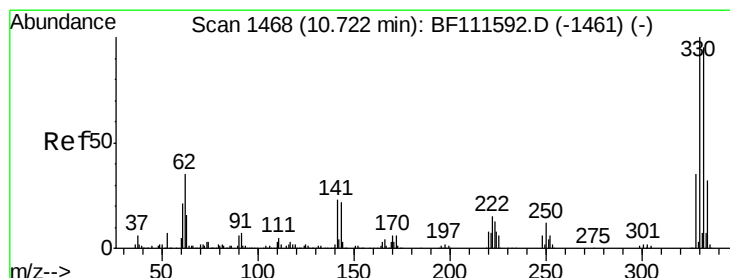
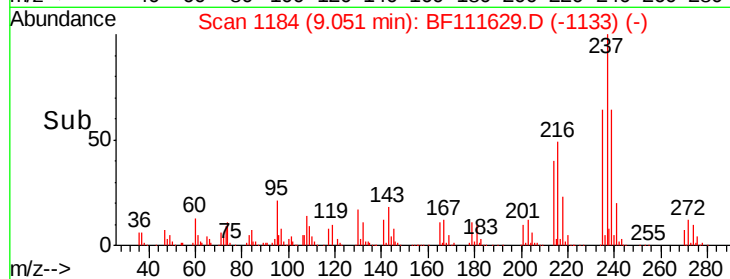
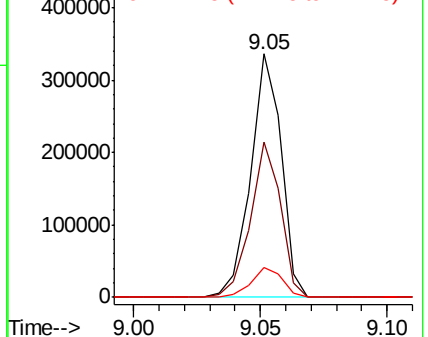
237 100

235 63.8 43.1 83.1

272 12.4 0.0 33.0



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 86.360 ng

RT: 10.72 min Scan# 1468

Delta R.T. 0.00 min

Lab File: BF111629.D

Acq: 20 Dec 2018 10:25

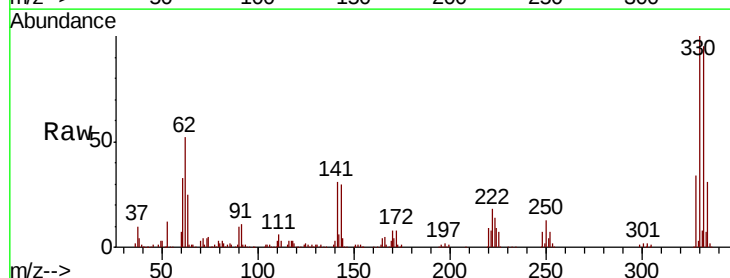
Tgt Ion:330 Resp: 411123

Ion Ratio Lower Upper

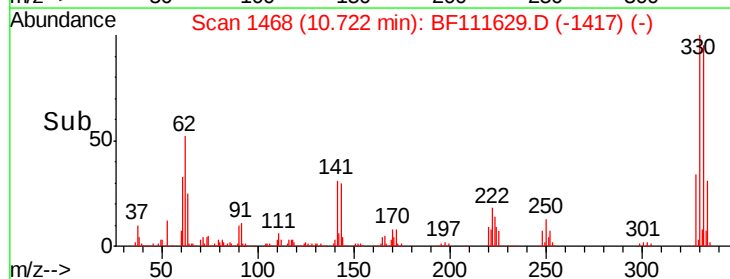
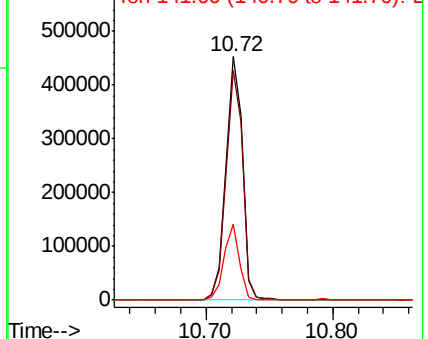
330 100

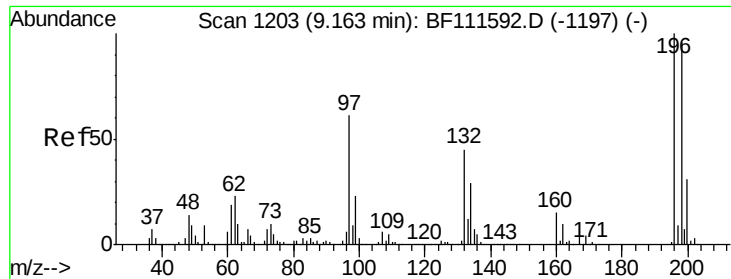
332 95.3 76.0 114.0

141 29.1 31.0 46.6#



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

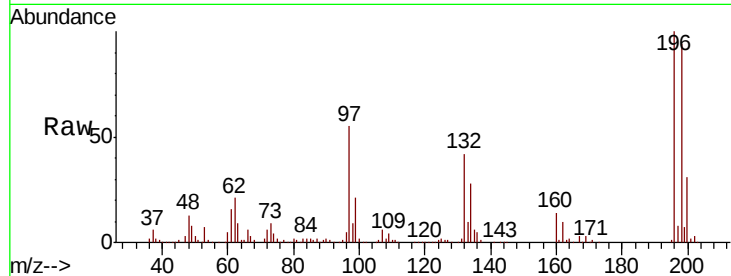




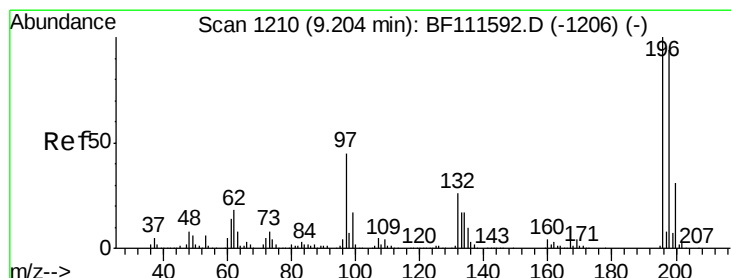
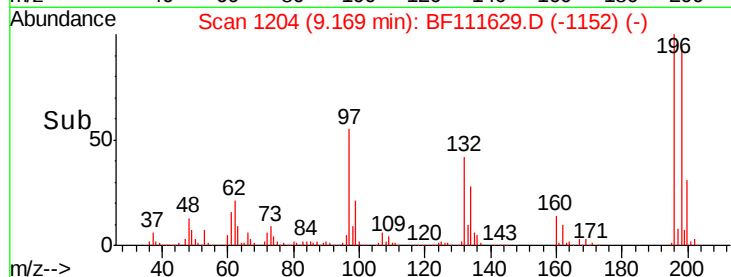
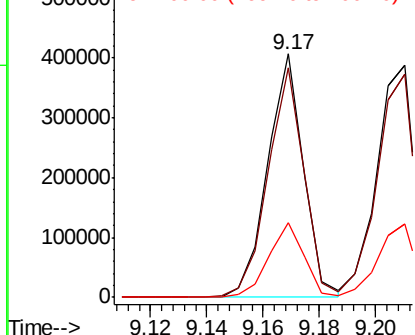
#43
 2,4,6-Trichlorophenol
 Concen: 40.410 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.01 min
 Lab File: BF111629.D
 Acq: 20 Dec 2018 10:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 357192
 Ion Ratio Lower Upper
 196 100
 198 94.1 76.3 114.5
 200 30.5 24.9 37.3

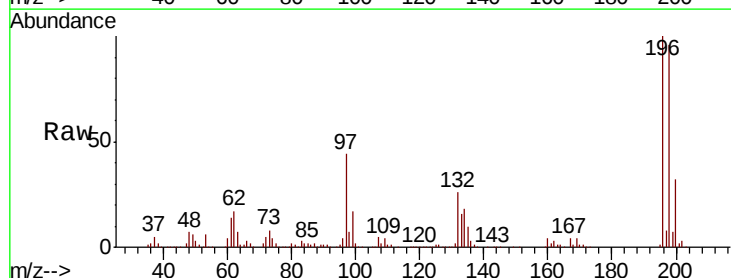


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

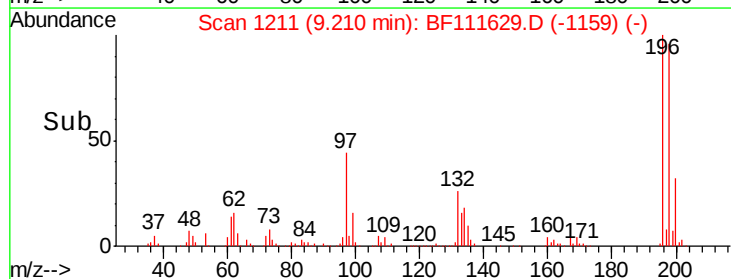
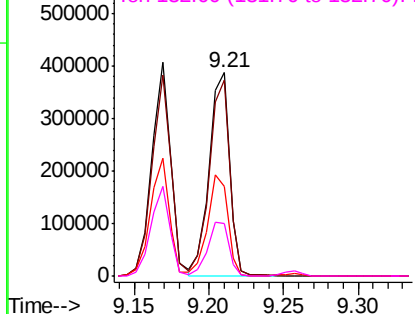


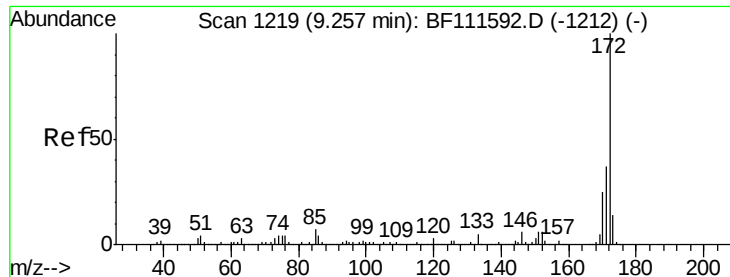
#44
 2,4,5-Trichlorophenol
 Concen: 40.495 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.01 min
 Lab File: BF111629.D
 Acq: 20 Dec 2018 10:25

Tgt Ion:196 Resp: 367217
 Ion Ratio Lower Upper
 196 100
 198 96.0 72.9 109.3
 97 44.2 45.3 67.9#
 132 26.0 25.5 38.3



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

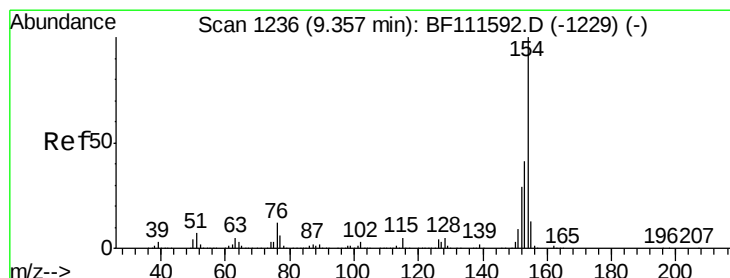
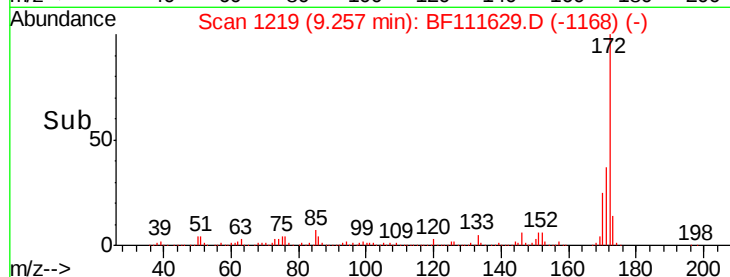
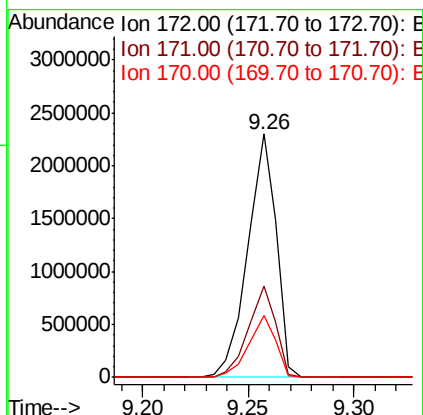
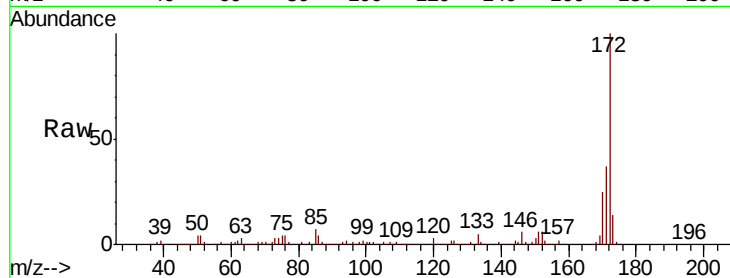




#45
2-Fluorobiphenyl
Concen: 77.897 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BF111629.D
Acq: 20 Dec 2018 10:25

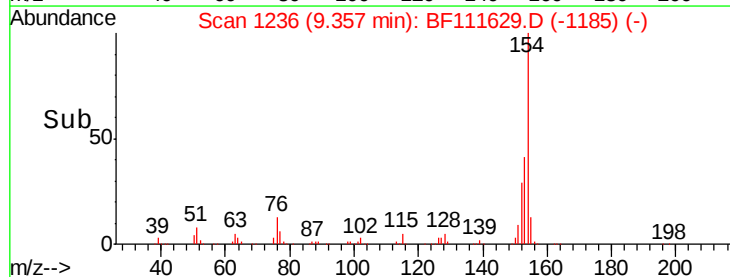
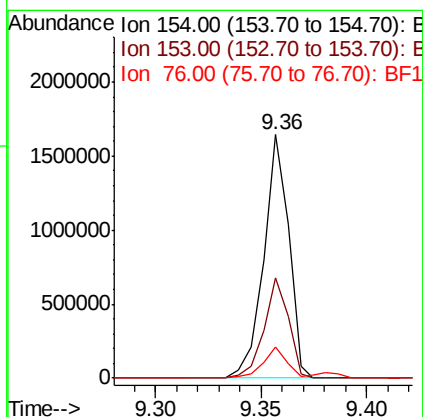
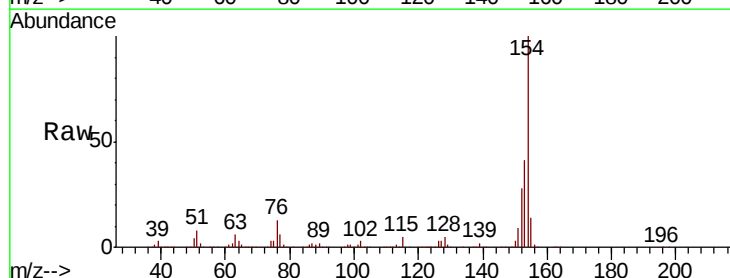
Instrument :
BNA_F
ClientSampleId :

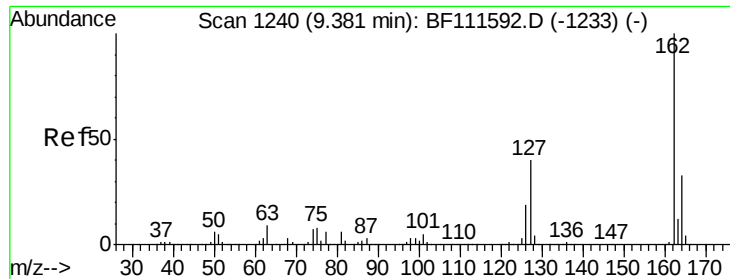
Tot Ion:172 Resp: 2153216
Ion Ratio Lower Upper
172 100
171 37.3 33.0 49.4
170 25.2 22.3 33.5



#46
1,1'-Biphenyl
Concen: 39.774 ng
RT: 9.36 min Scan# 1236
Delta R.T. 0.00 min
Lab File: BF111629.D
Acq: 20 Dec 2018 10:25

Tgt Ion:154 Resp: 1352766
Ion Ratio Lower Upper
154 100
153 41.2 23.7 63.7
76 12.8 0.0 35.0

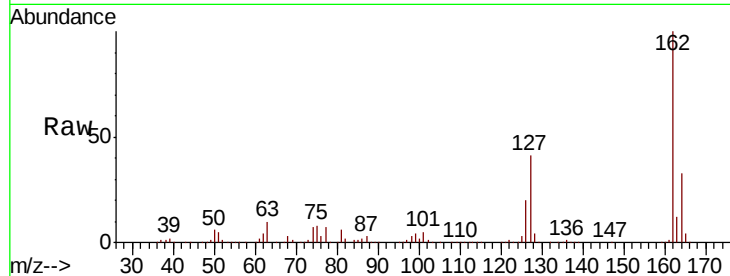




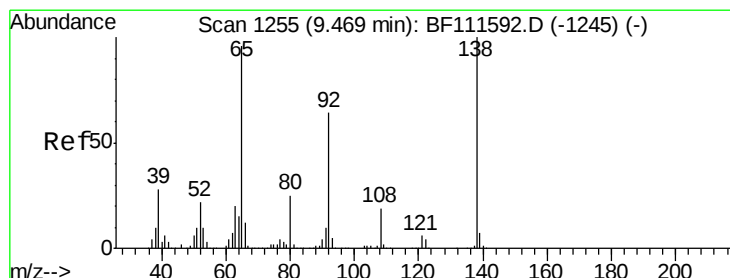
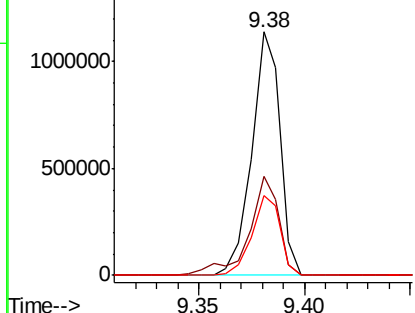
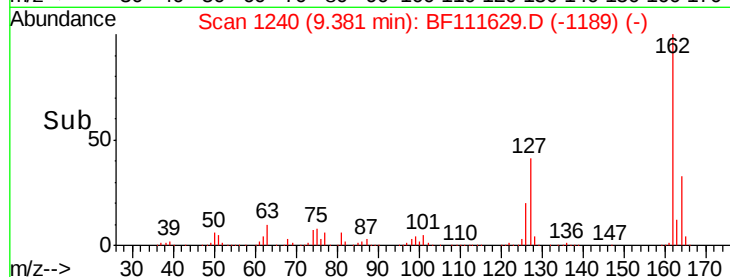
#47
 2-Chloronaphthalene
 Concen: 39.263 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: BF111629.D
 Acq: 20 Dec 2018 10:25

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 1058009
 Ion Ratio Lower Upper
 162 100
 127 40.5 35.0 52.4
 164 32.9 28.4 42.6

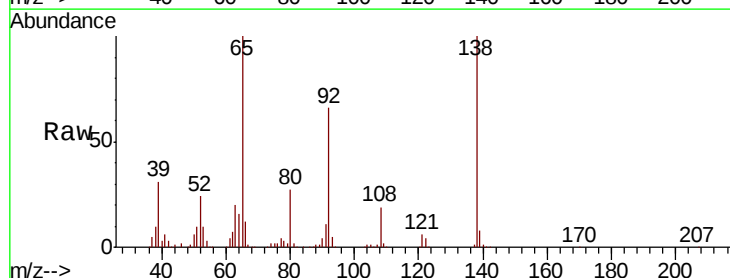


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

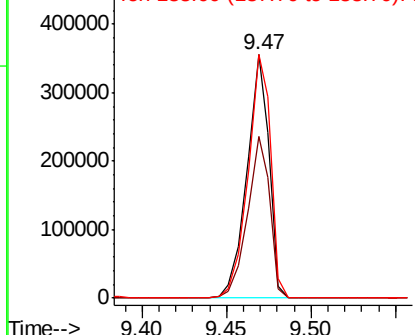
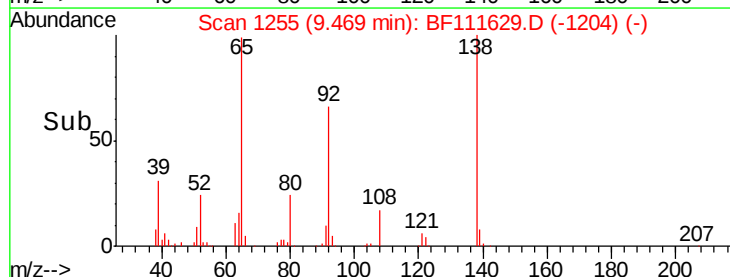


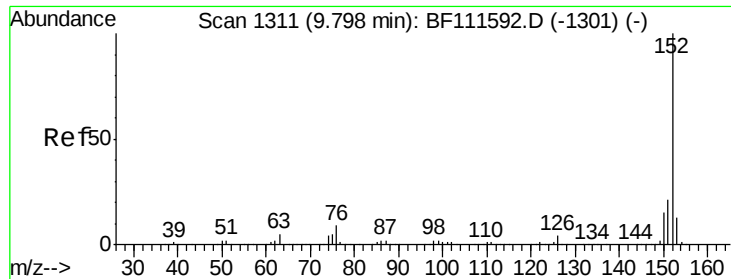
#48
 2-Nitroaniline
 Concen: 46.288 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. 0.00 min
 Lab File: BF111629.D
 Acq: 20 Dec 2018 10:25

Tgt Ion: 65 Resp: 324488
 Ion Ratio Lower Upper
 65 100
 92 66.4 53.5 80.3
 138 100.0 80.9 121.3



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.865 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BF111629.D

Acq: 20 Dec 2018 10:25

Instrument :

BNA_F

ClientSampleId :

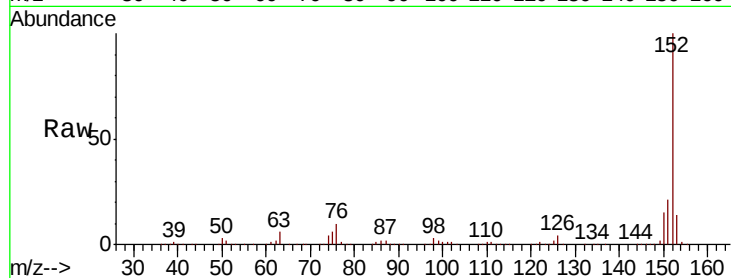
Tot Ion:152 Resp: 1568428

Ion Ratio Lower Upper

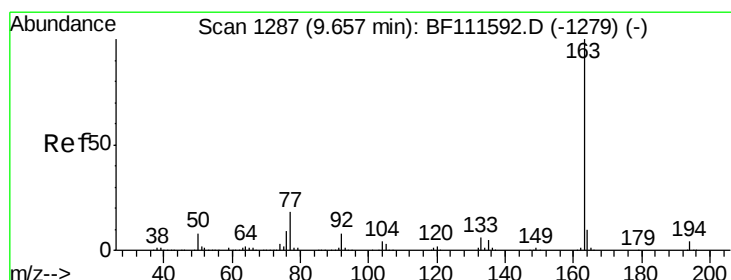
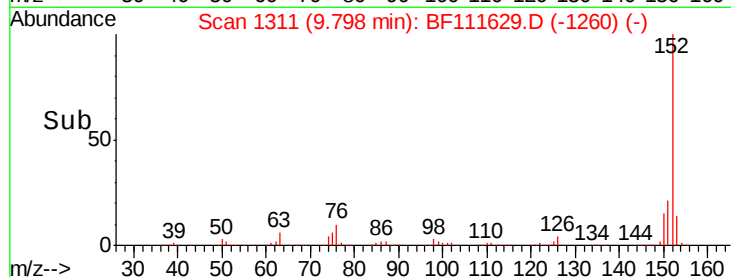
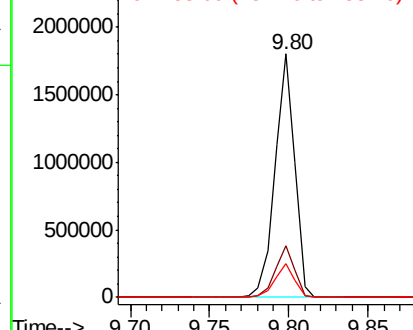
152 100

151 21.0 18.0 27.0

153 13.9 12.3 18.5



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.806 ng

RT: 9.66 min Scan# 1287

Delta R.T. 0.00 min

Lab File: BF111629.D

Acq: 20 Dec 2018 10:25

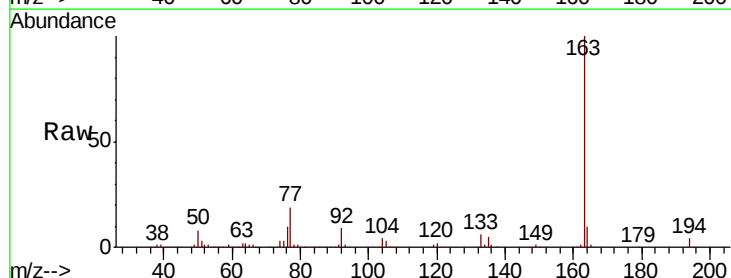
Tgt Ion:163 Resp: 1172816

Ion Ratio Lower Upper

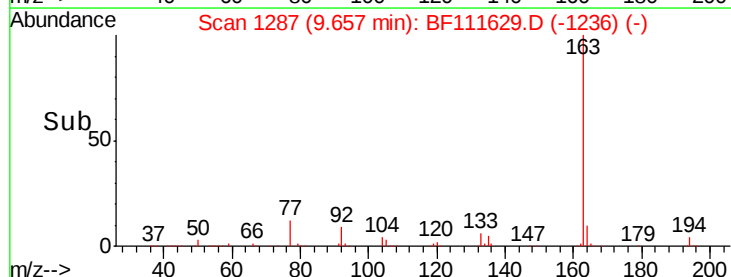
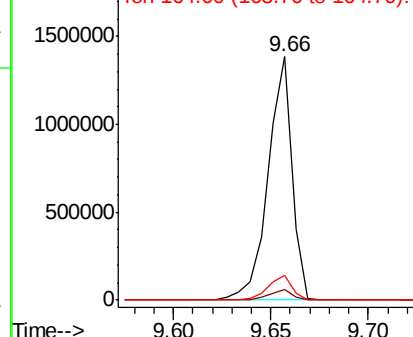
163 100

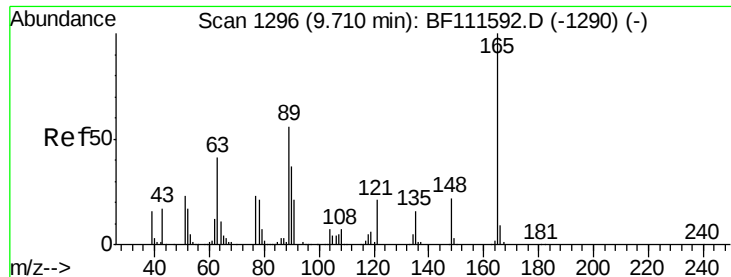
194 4.3 3.0 4.6

164 10.2 8.9 13.3



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

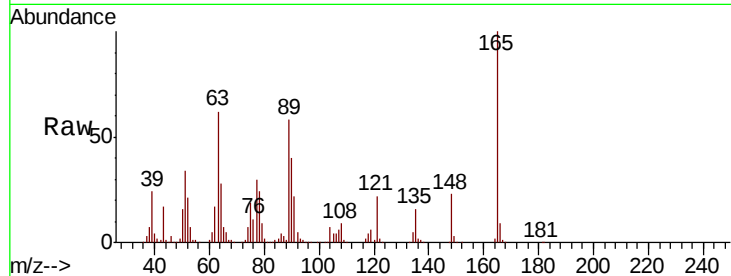




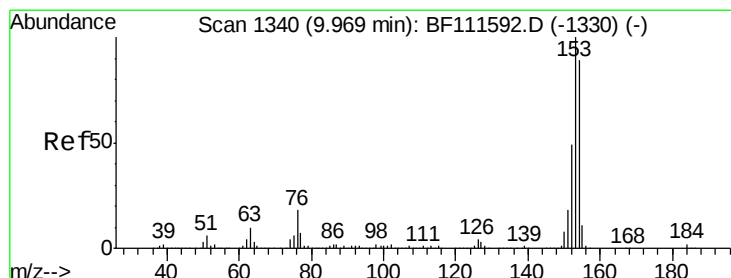
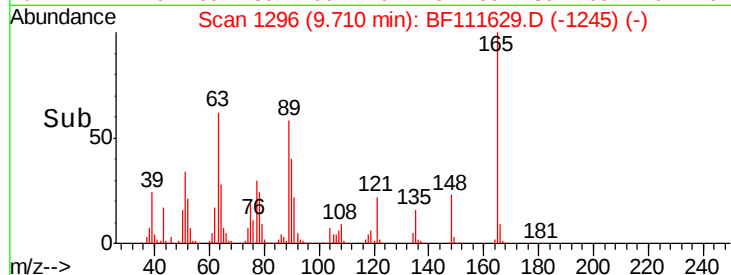
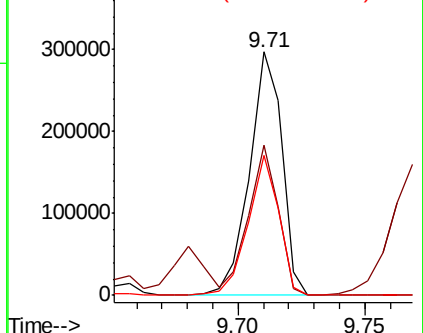
#51
 2,6-Dinitrotoluene
 Concen: 45.369 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. 0.00 min
 Lab File: BF111629.D
 Acq: 20 Dec 2018 10:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 266537
 Ion Ratio Lower Upper
 165 100
 63 61.9 40.5 60.7#
 89 57.6 40.0 60.0

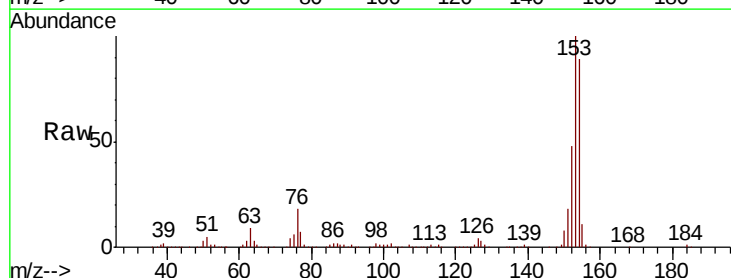


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

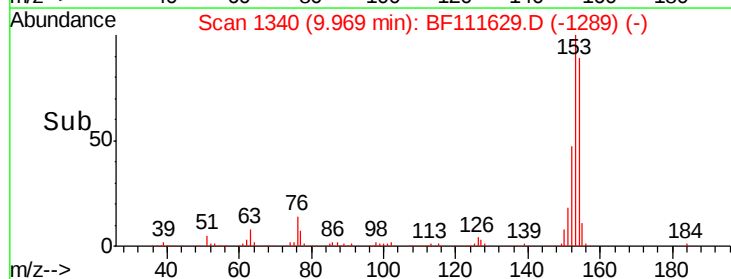
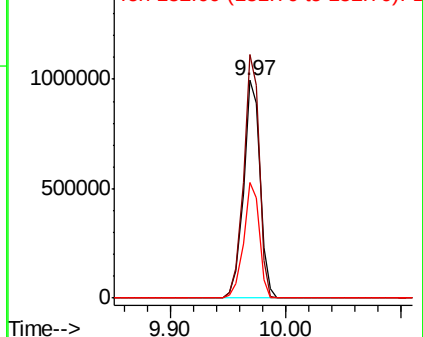


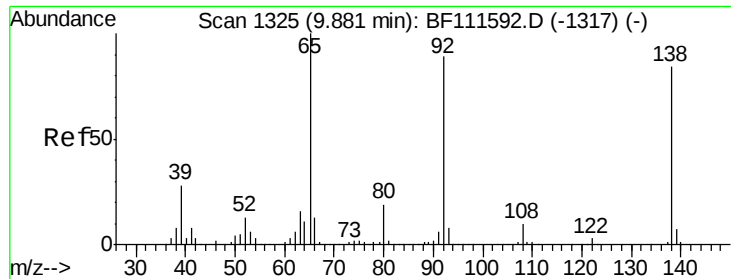
#52
 Acenaphthene
 Concen: 40.710 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: BF111629.D
 Acq: 20 Dec 2018 10:25

Tgt Ion:154 Resp: 987858
 Ion Ratio Lower Upper
 154 100
 153 111.9 87.8 131.8
 152 53.2 43.4 65.2



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

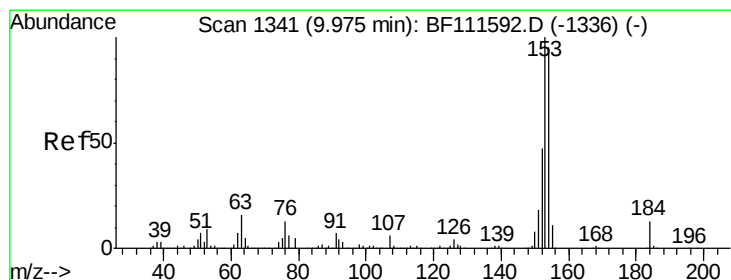
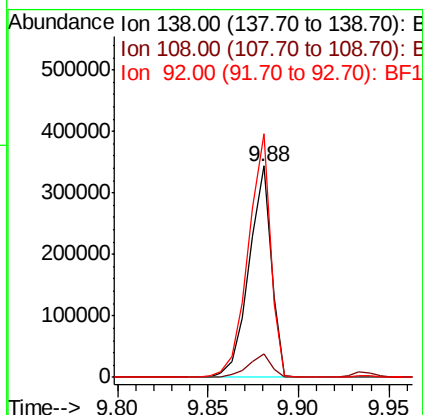
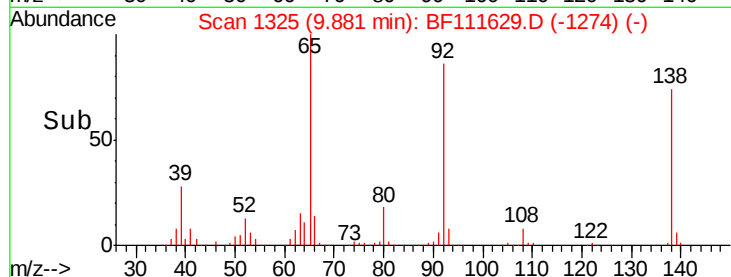
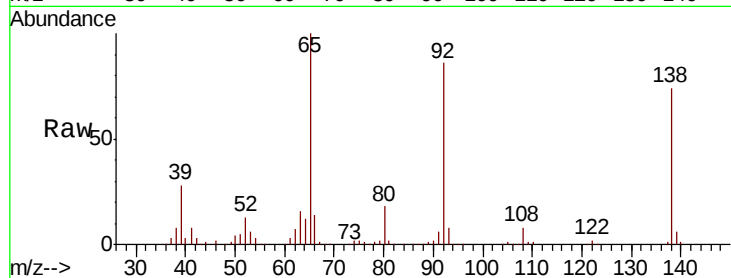




#53
3-Nitroaniline
Concen: 47.288 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BF111629.D
Acq: 20 Dec 2018 10:25

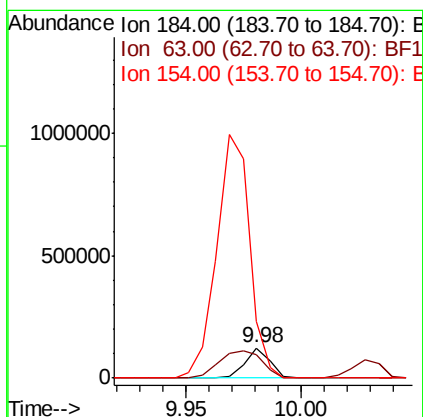
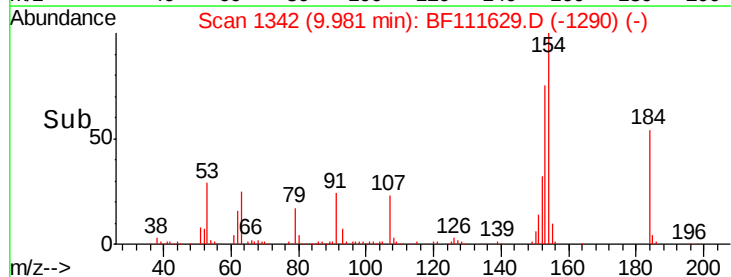
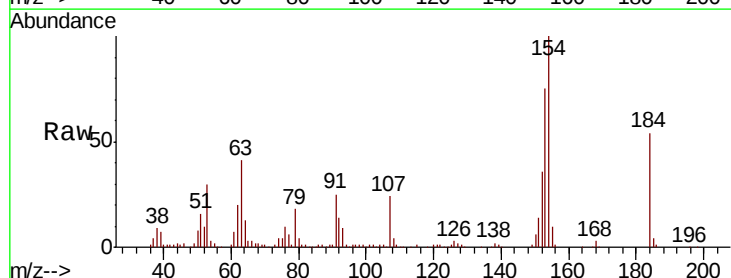
Instrument :
BNA_F
ClientSampleId :

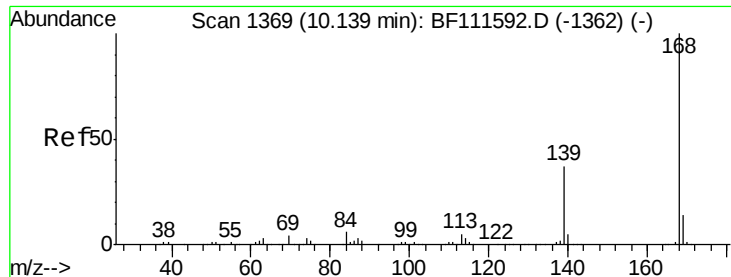
Tot Ion:138 Resp: 296283
Ion Ratio Lower Upper
138 100
108 11.4 8.2 12.4
92 115.1 93.4 140.2



#54
2,4-Dinitrophenol
Concen: 52.515 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF111629.D
Acq: 20 Dec 2018 10:25

Tgt Ion:184 Resp: 93803
Ion Ratio Lower Upper
184 100
63 76.0 62.3 93.5
154 184.4 56.2 84.2#

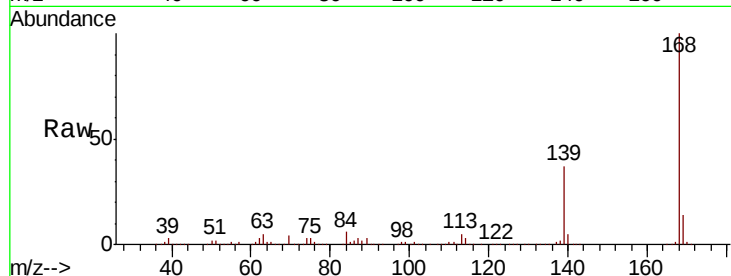




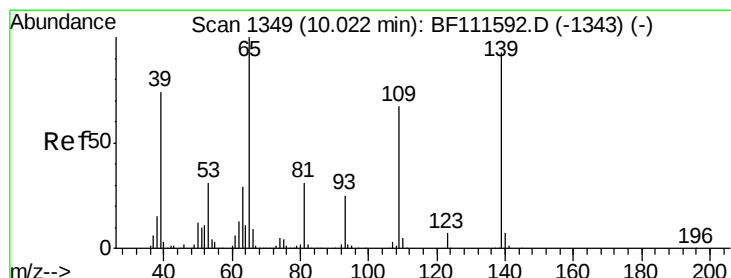
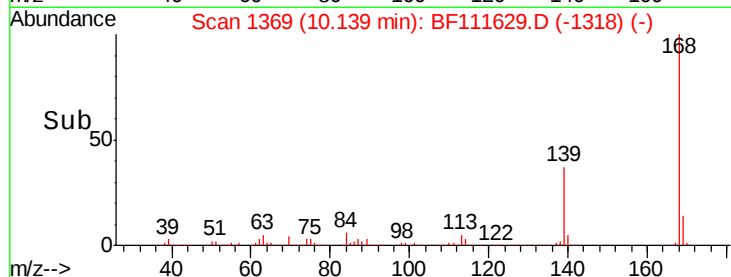
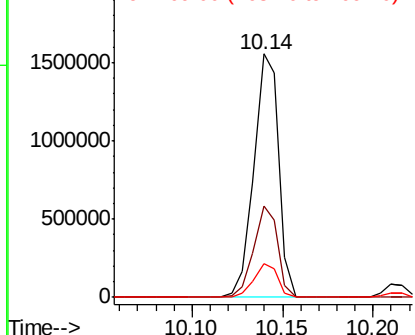
#55
Dibenzenofuran
Concen: 40.244 ng
RT: 10.14 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BF111629.D
Acq: 20 Dec 2018 10:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1475350
Ion Ratio Lower Upper
168 100
139 37.4 32.6 49.0
169 14.0 11.8 17.6

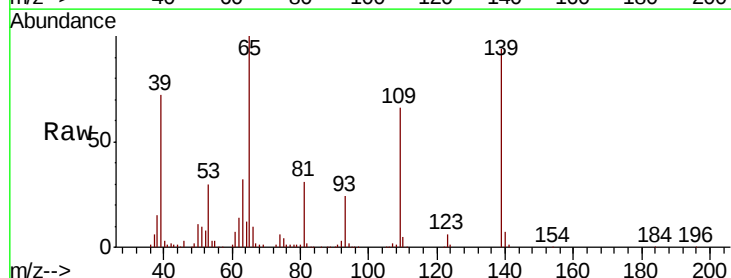


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

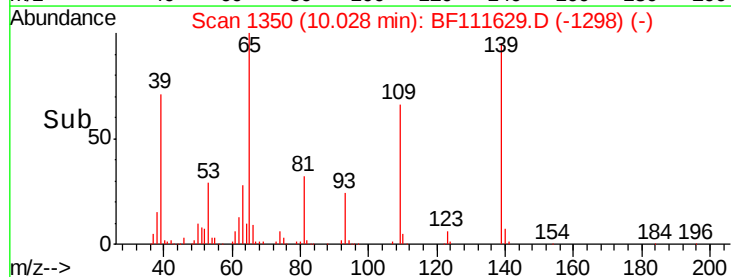
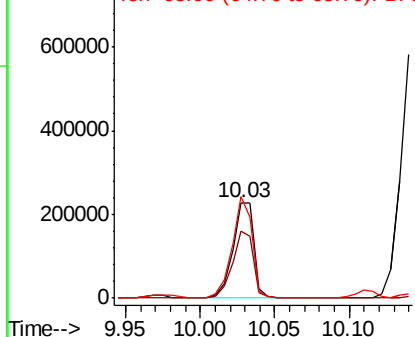


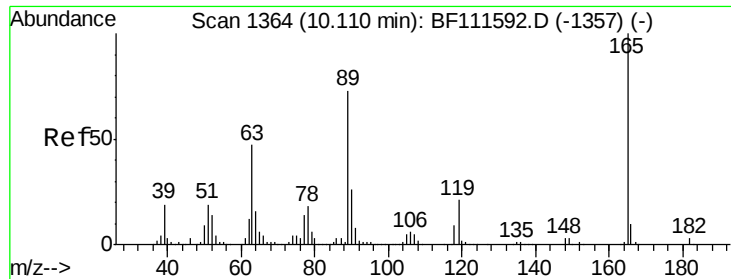
#56
4-Nitrophenol
Concen: 48.158 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF111629.D
Acq: 20 Dec 2018 10:25

Tgt Ion:139 Resp: 230273
Ion Ratio Lower Upper
139 100
109 69.4 41.8 81.8
65 105.9 79.6 119.6



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

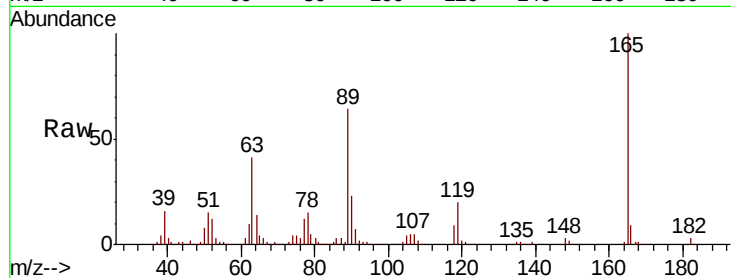




#57
2,4-Dinitrotoluene
Concen: 48.141 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF111629.D
Acq: 20 Dec 2018 10:25

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	40.7	34.6	52.0
89	64.1	56.2	84.4
182	2.8	1.8	2.6



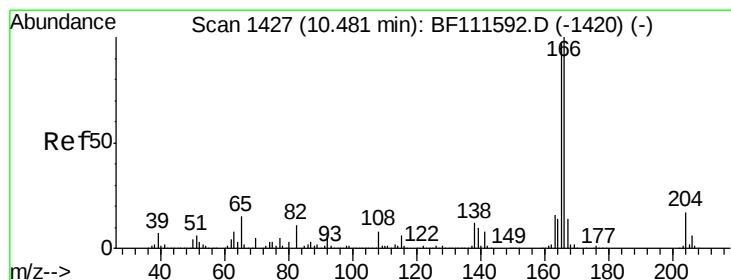
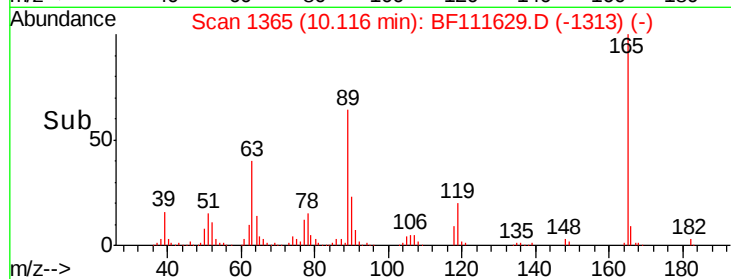
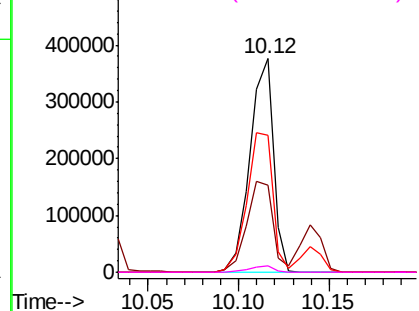
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

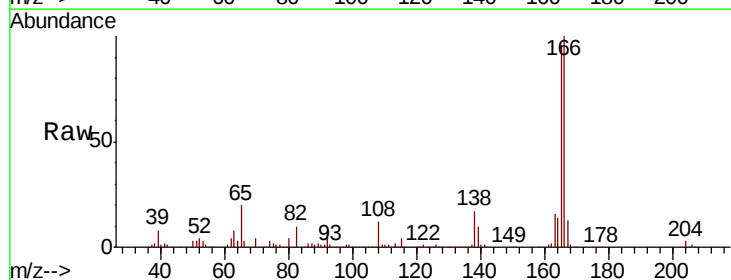
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 39.727 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.01 min
Lab File: BF111629.D
Acq: 20 Dec 2018 10:25

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.1	78.4	117.6
167	13.1	11.2	16.8

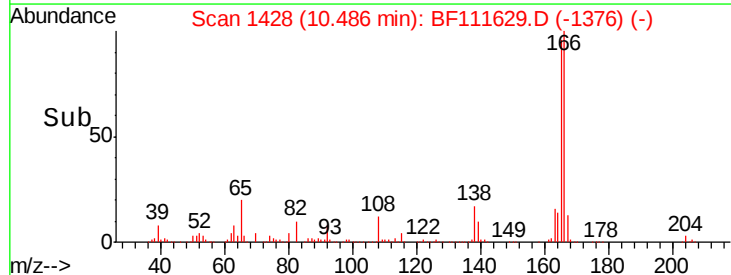
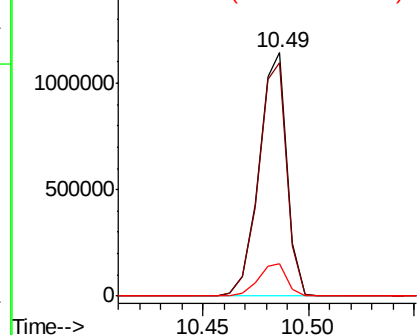


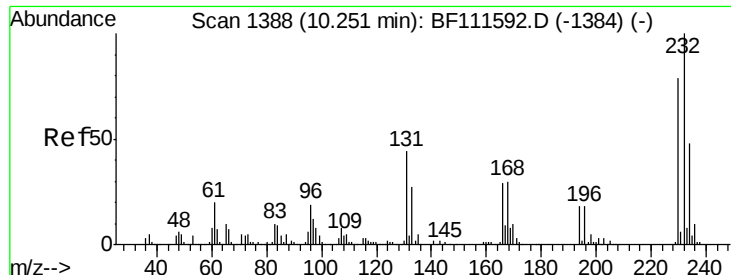
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

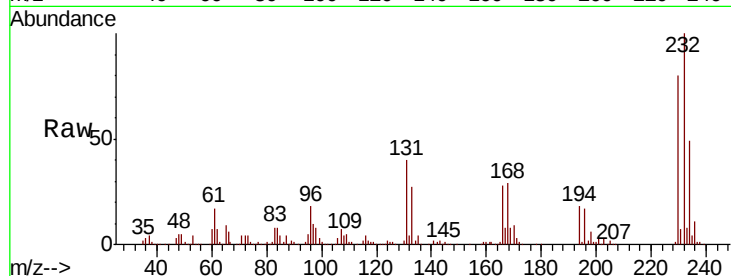




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.843 ng
RT: 10.26 min Scan# 1389
Delta R.T. 0.01 min
Lab File: BF111629.D
Acq: 20 Dec 2018 10:25

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	41.2	40.9	61.3
130	1.9	2.0	3.0
166	28.7	26.8	40.2



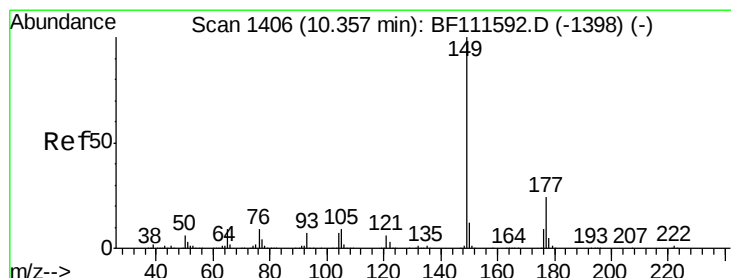
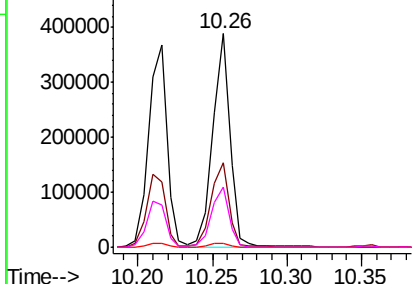
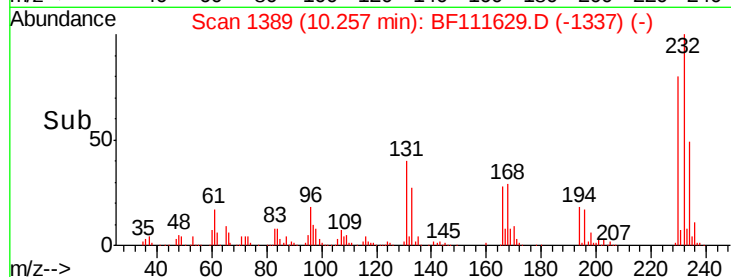
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

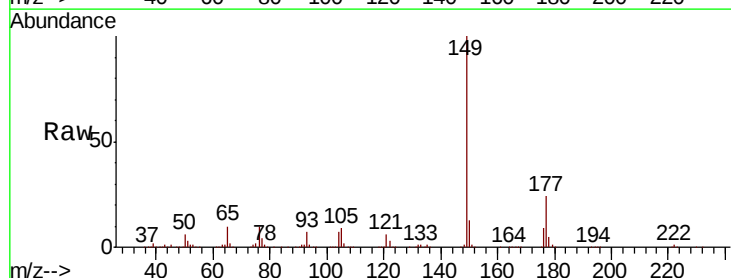
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 39.774 ng
RT: 10.36 min Scan# 1406
Delta R.T. 0.00 min
Lab File: BF111629.D
Acq: 20 Dec 2018 10:25

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.4	18.3	27.5
150	12.8	10.6	15.8

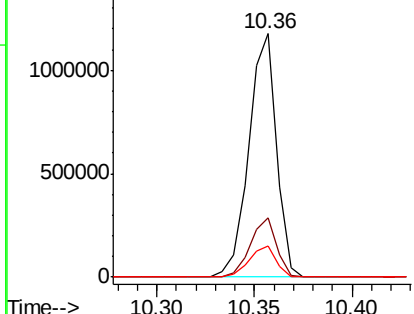
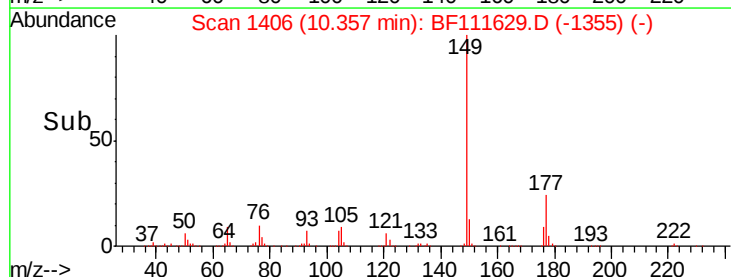


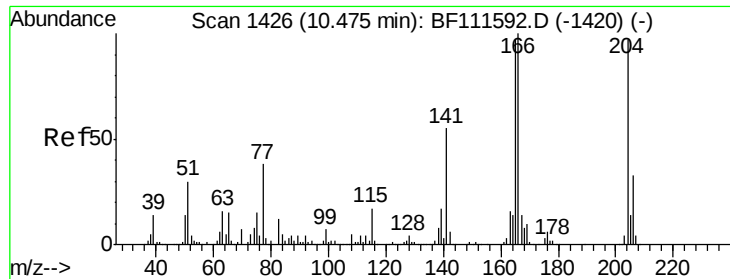
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

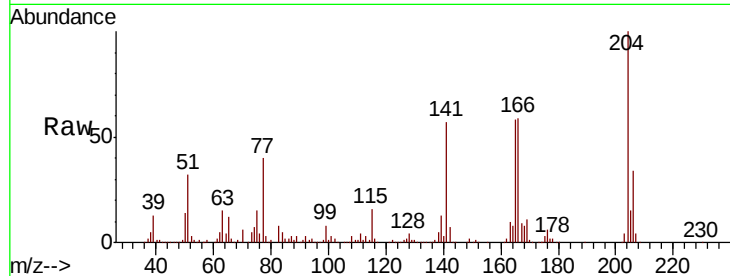




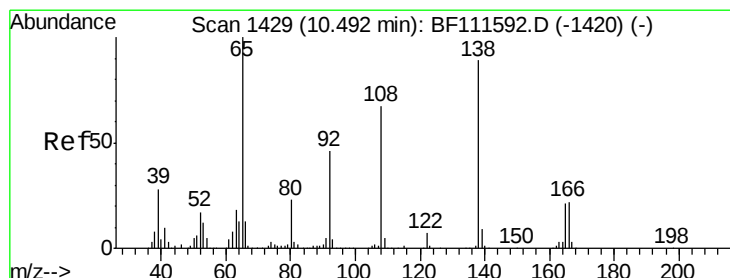
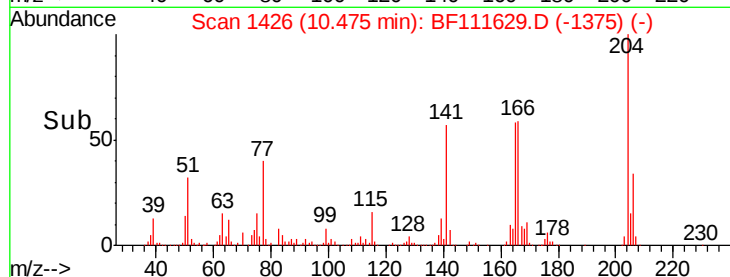
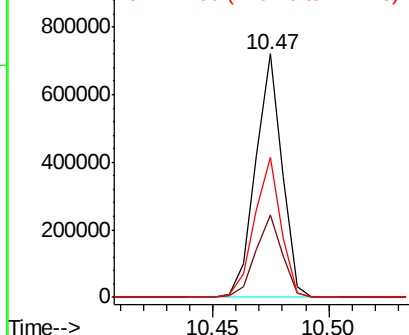
#61
4-Chlorophenyl-phenylether
Concen: 39.712 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF111629.D
Acq: 20 Dec 2018 10:25

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 579591
Ion Ratio Lower Upper
204 100
206 33.9 26.6 39.8
141 57.4 52.6 78.8

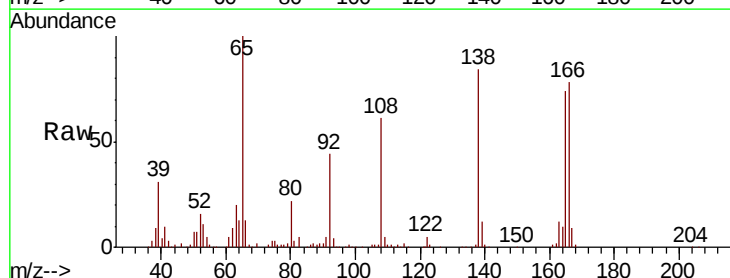


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

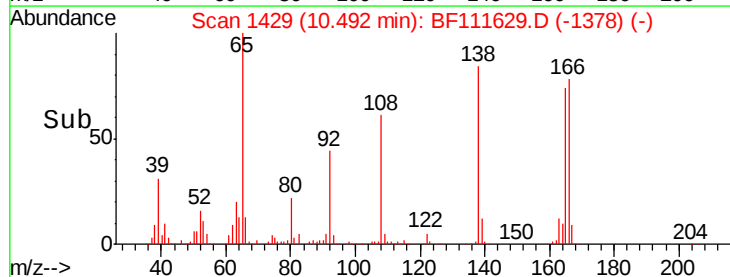
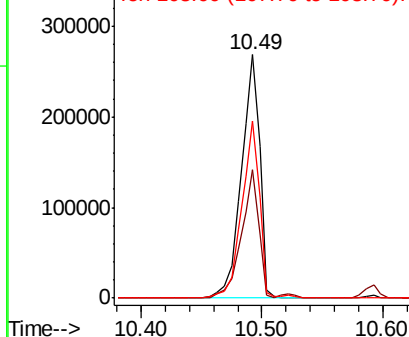


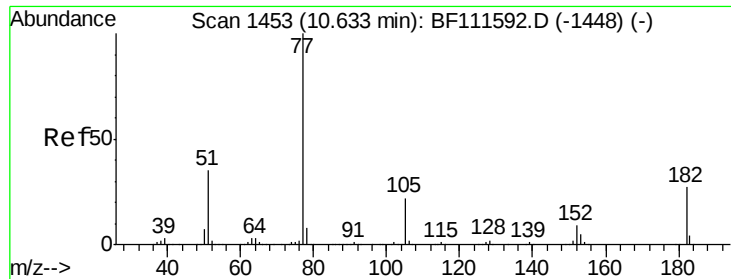
#62
4-Nitroaniline
Concen: 46.825 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BF111629.D
Acq: 20 Dec 2018 10:25

Tgt Ion:138 Resp: 285148
Ion Ratio Lower Upper
138 100
92 52.5 29.9 69.9
108 72.5 43.2 83.2



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 39.498 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.00 min

Lab File: BF111629.D

Acq: 20 Dec 2018 10:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1146040

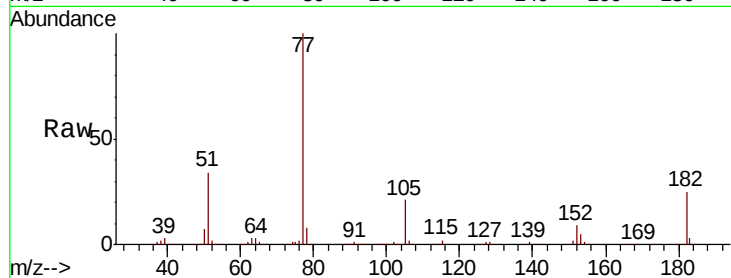
Ion	Ratio	Lower	Upper
77	100		
182	24.9	4.9	44.9
105	20.9	6.0	46.0
51	34.5	14.7	54.7

77 100

182 24.9 4.9 44.9

105 20.9 6.0 46.0

51 34.5 14.7 54.7

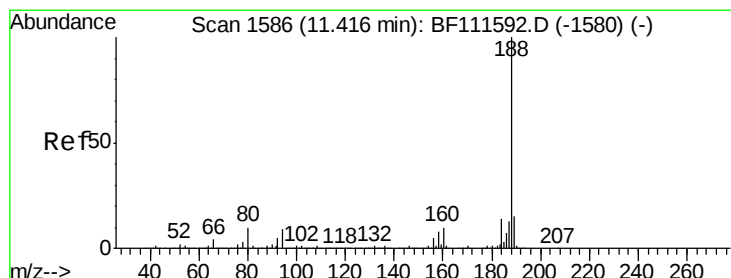
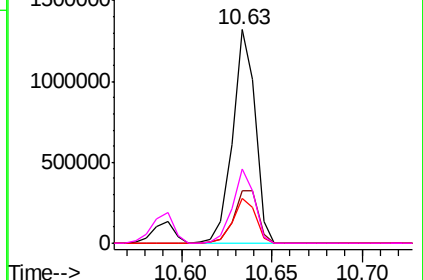
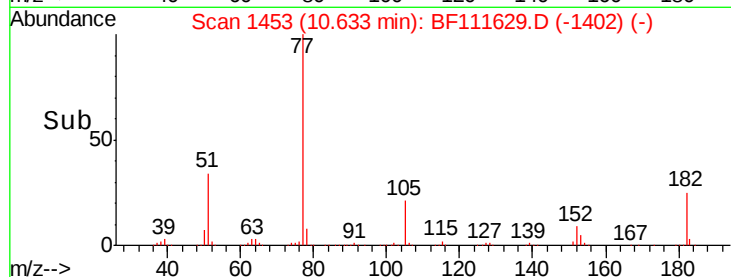


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BF111629.D

Acq: 20 Dec 2018 10:25

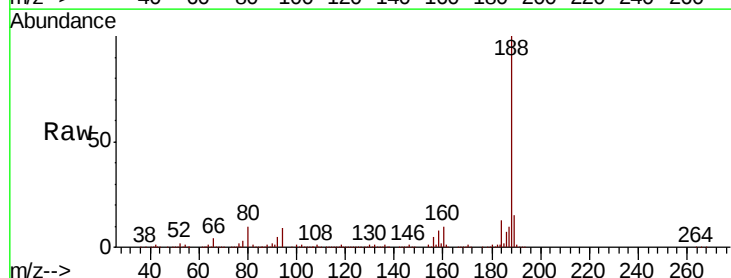
Tgt Ion: 188 Resp: 782226

Ion	Ratio	Lower	Upper
188	100		
94	9.4	9.6	14.4#
80	9.6	9.8	14.6#

188 100

94 9.4 9.6 14.4#

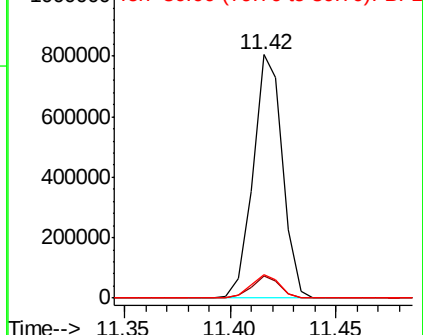
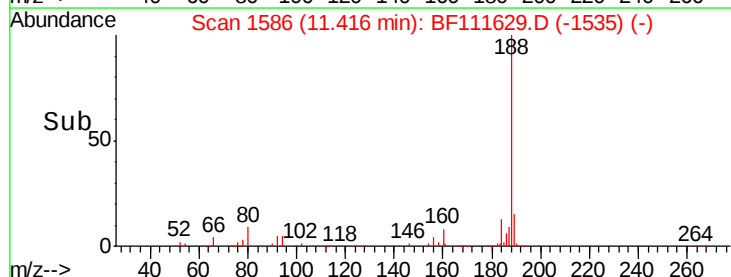
80 9.6 9.8 14.6#

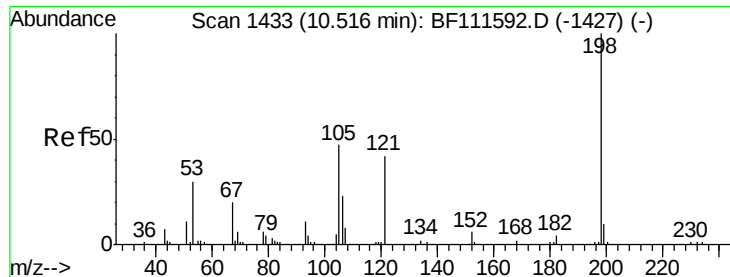


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

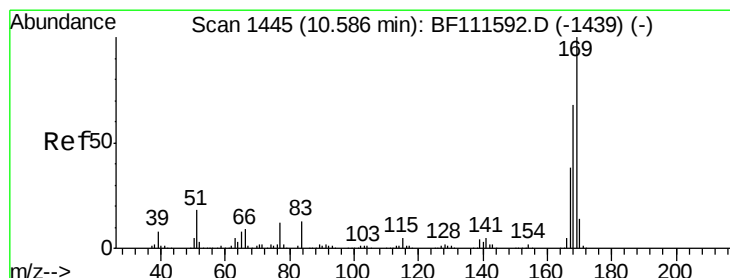
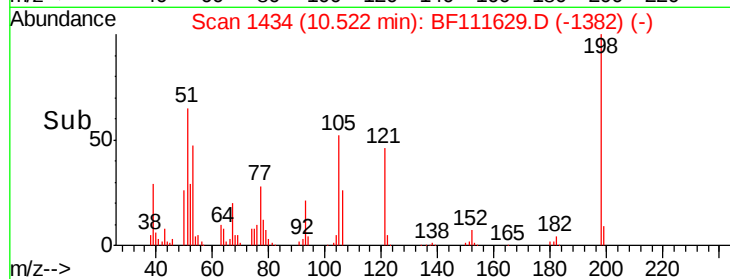
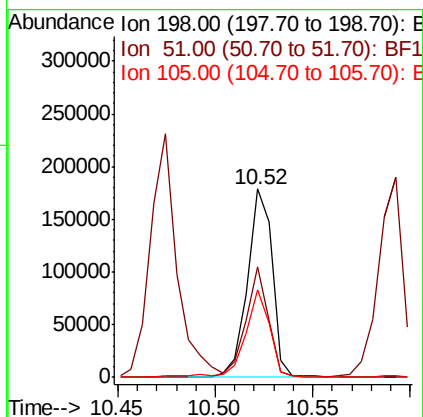
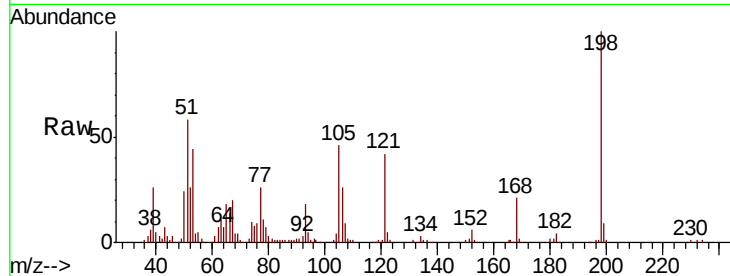




#65
 4,6-Dinitro-2-methylphenol
 Concen: 48.399 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. 0.01 min
 Lab File: BF111629.D
 Acq: 20 Dec 2018 10:25

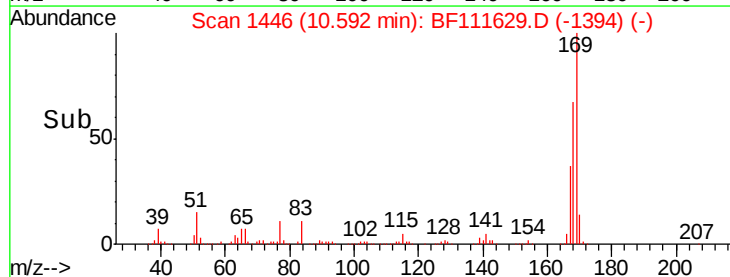
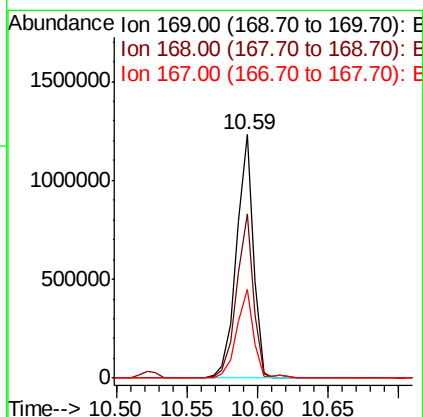
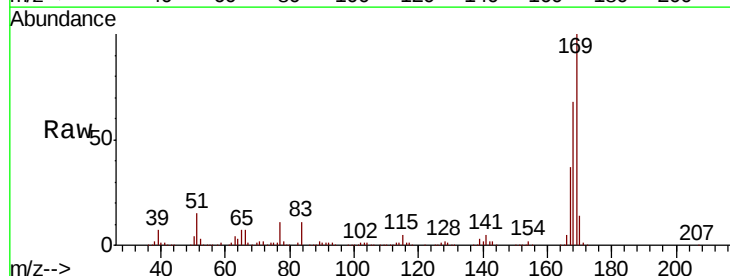
Instrument :
 BNA_F
 ClientSampleId :

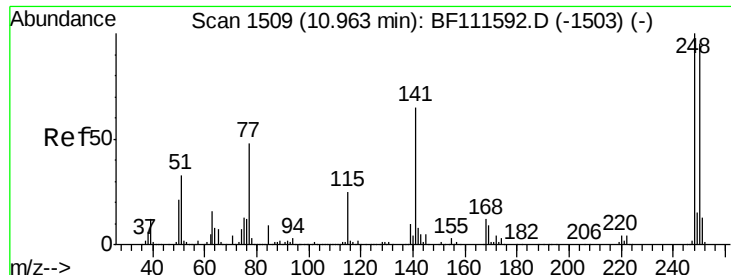
Tot Ion:198 Resp: 156676
 Ion Ratio Lower Upper
 198 100
 51 58.3 48.0 88.0
 105 46.5 34.0 74.0



#66
 n-Nitrosodiphenylamine
 Concen: 38.940 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. 0.01 min
 Lab File: BF111629.D
 Acq: 20 Dec 2018 10:25

Tgt Ion:169 Resp: 1022489
 Ion Ratio Lower Upper
 169 100
 168 67.6 54.4 81.6
 167 36.6 30.5 45.7

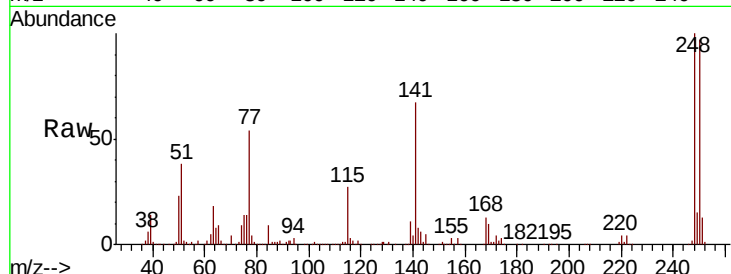




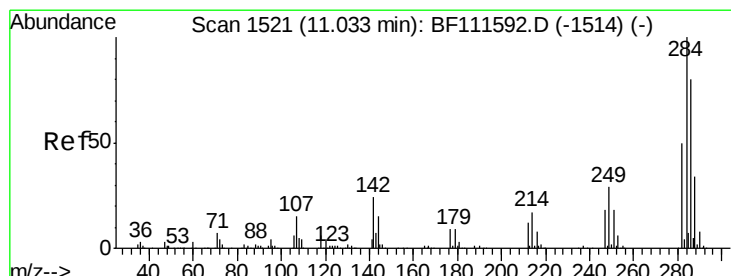
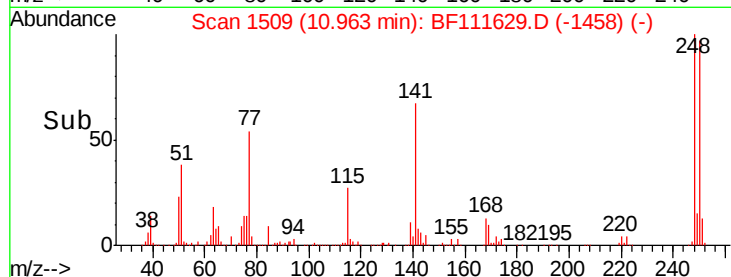
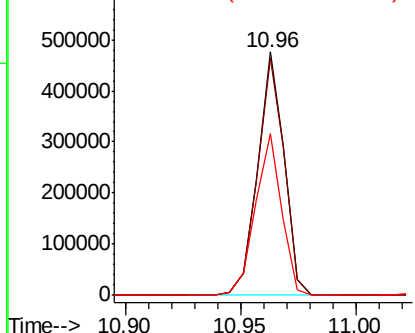
#67
4-Bromophenyl-phenylether
Concen: 39.149 ng
RT: 10.96 min Scan# 1509
Delta R.T. 0.00 min
Lab File: BF111629.D
Acq: 20 Dec 2018 10:25

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 379827
Ion Ratio Lower Upper
248 100
250 97.4 77.0 115.4
141 66.7 63.0 94.6

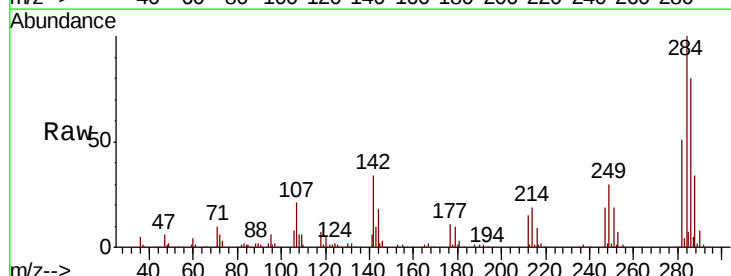


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

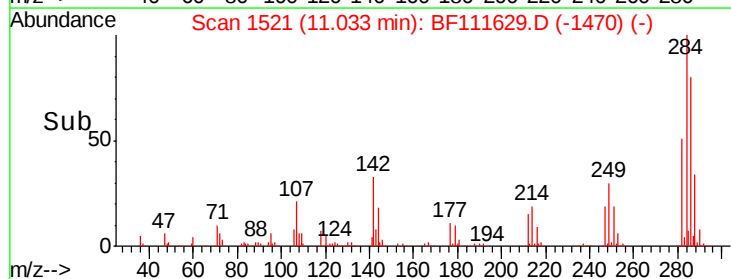
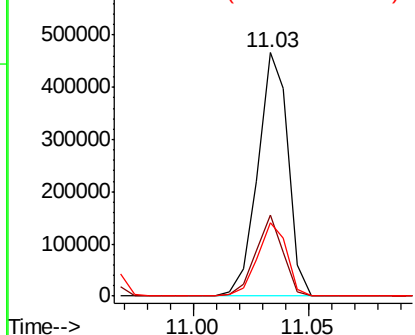


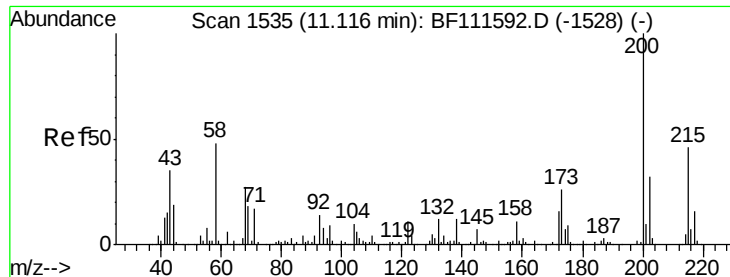
#68
Hexachlorobenzene
Concen: 39.261 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.00 min
Lab File: BF111629.D
Acq: 20 Dec 2018 10:25

Tgt Ion:284 Resp: 424707
Ion Ratio Lower Upper
284 100
142 33.5 27.4 41.2
249 30.2 24.4 36.6



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

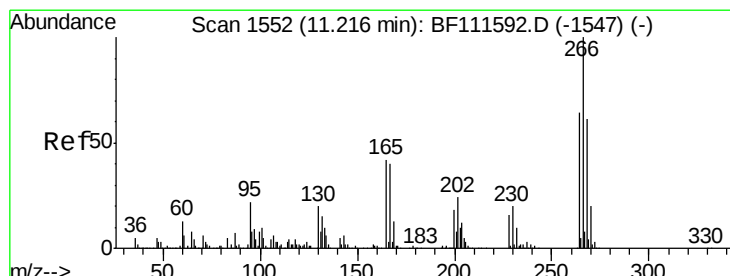
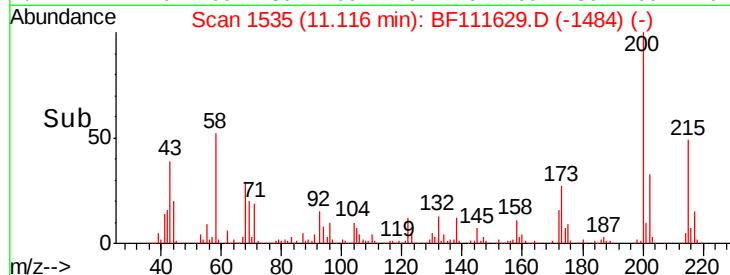
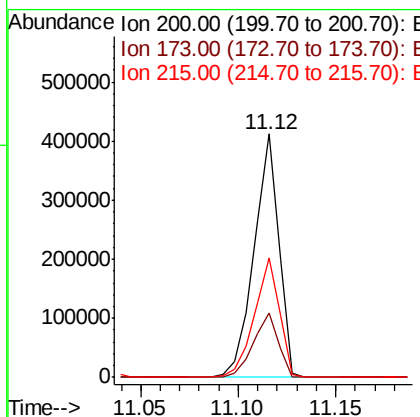
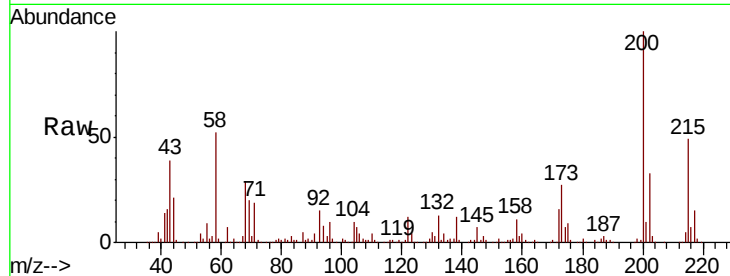




#69
Atrazine
Concen: 39.797 ng
RT: 11.12 min Scan# 1535
Delta R.T. 0.00 min
Lab File: BF111629.D
Acq: 20 Dec 2018 10:25

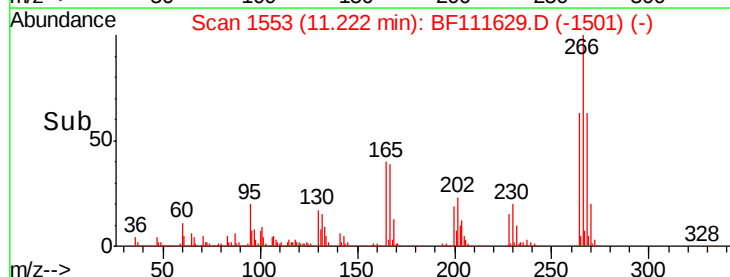
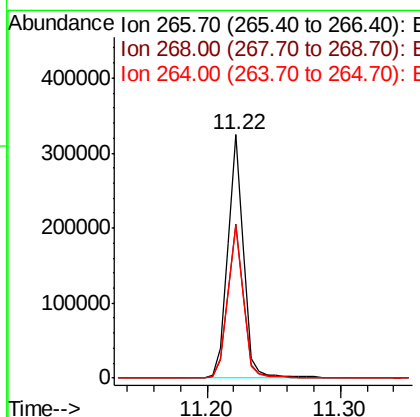
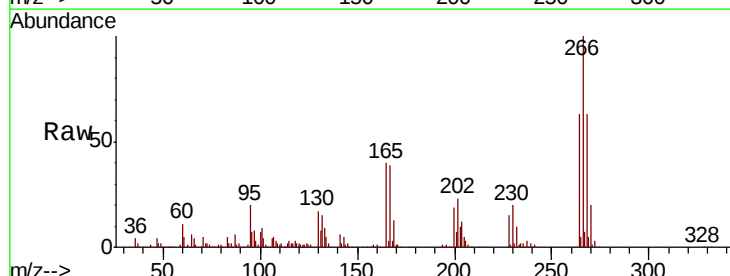
Instrument :
BNA_F
ClientSampleId :

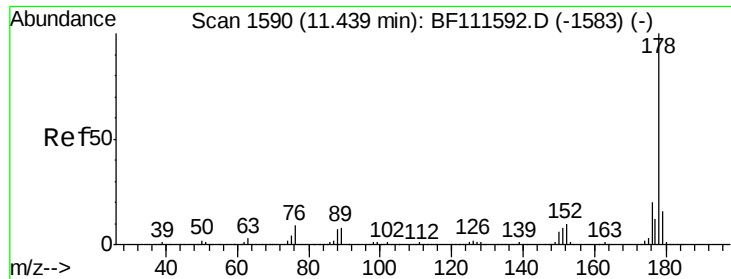
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.7	10.1	50.1
215	49.1	26.9	66.9



#70
Pentachlorophenol
Concen: 40.921 ng
RT: 11.22 min Scan# 1553
Delta R.T. 0.01 min
Lab File: BF111629.D
Acq: 20 Dec 2018 10:25

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.0	47.9	71.9
264	62.9	49.1	73.7

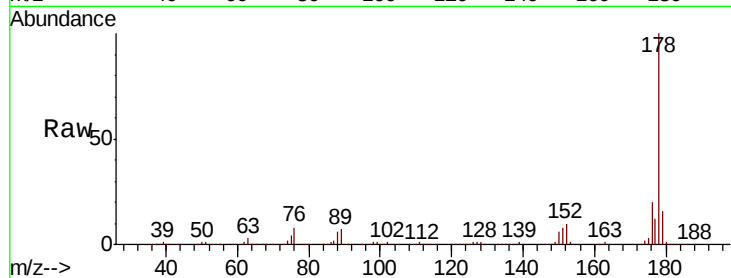




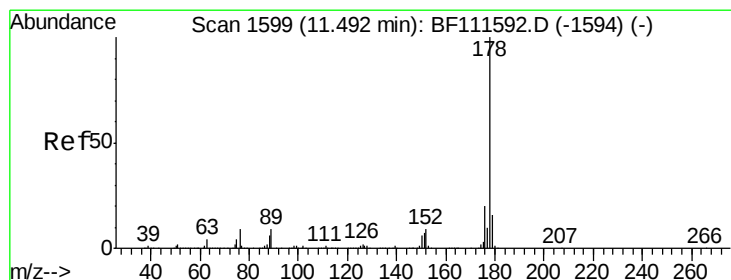
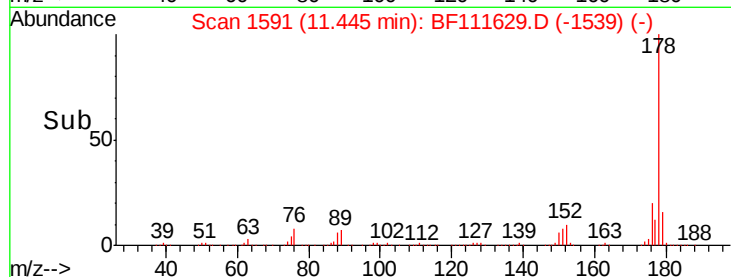
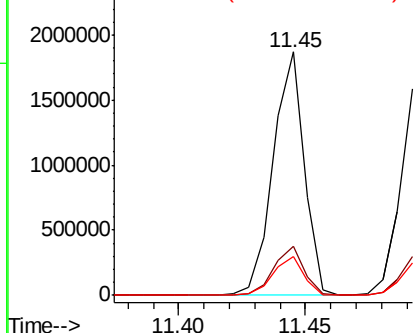
#71
 Phenanthrene
 Concen: 38.913 ng
 RT: 11.45 min Scan# 1591
 Delta R.T. 0.01 min
 Lab File: BF111629.D
 Acq: 20 Dec 2018 10:25

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:178 Resp: 1614296
 Ion Ratio Lower Upper
 178 100
 176 20.1 18.1 27.1
 179 15.7 14.0 21.0

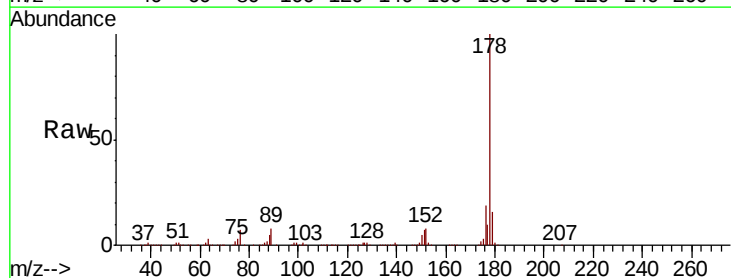


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

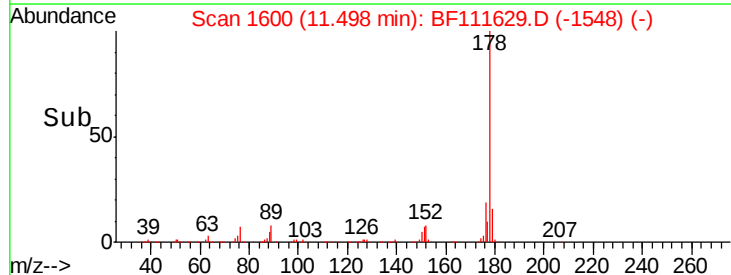
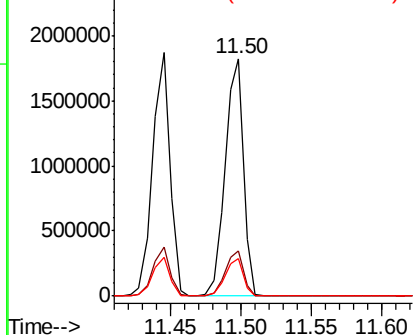


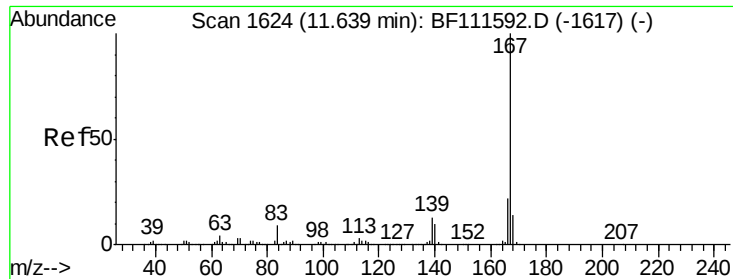
#72
 Anthracene
 Concen: 39.403 ng
 RT: 11.50 min Scan# 1600
 Delta R.T. 0.01 min
 Lab File: BF111629.D
 Acq: 20 Dec 2018 10:25

Tgt Ion:178 Resp: 1640713
 Ion Ratio Lower Upper
 178 100
 176 19.2 17.2 25.8
 179 15.8 13.8 20.8



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

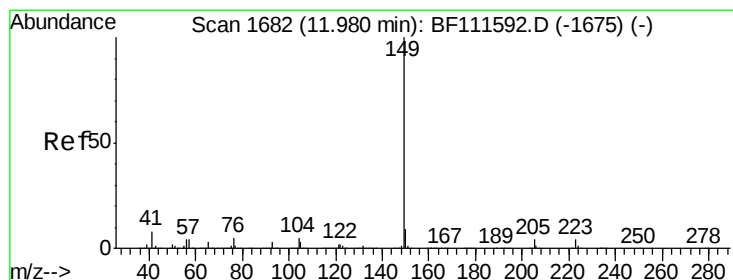
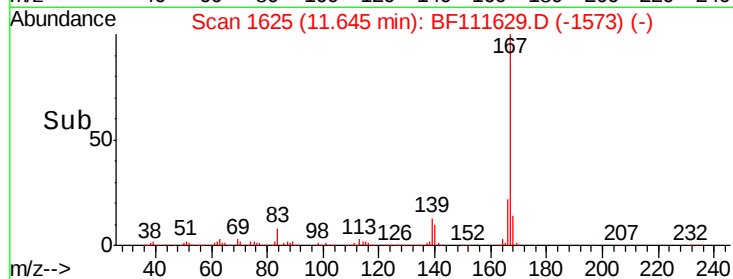
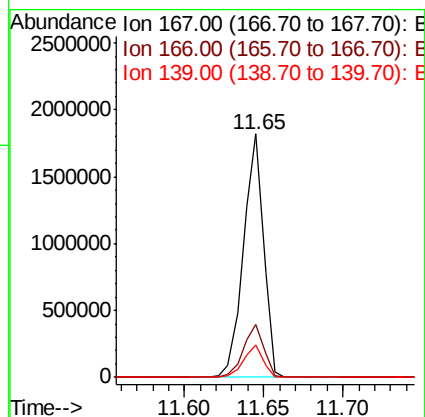
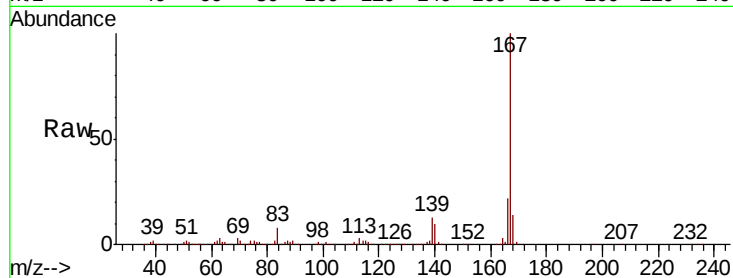




#73
 Carbazole
 Concen: 39.338 ng
 RT: 11.65 min Scan# 1625
 Delta R.T. 0.01 min
 Lab File: BF111629.D
 Acq: 20 Dec 2018 10:25

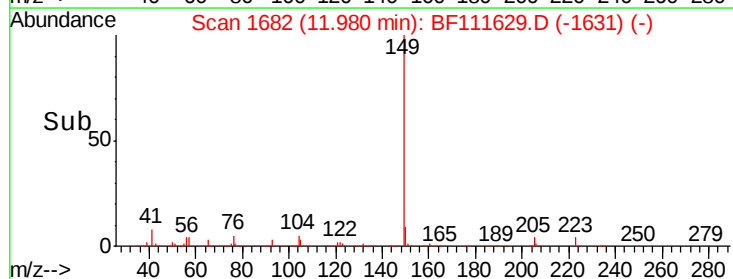
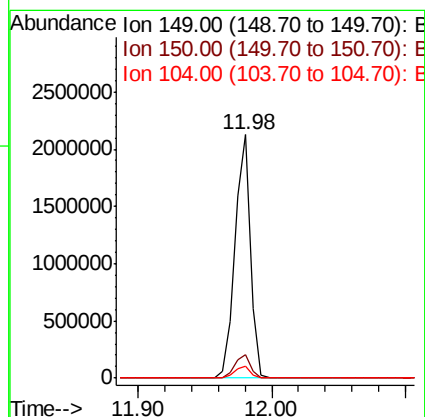
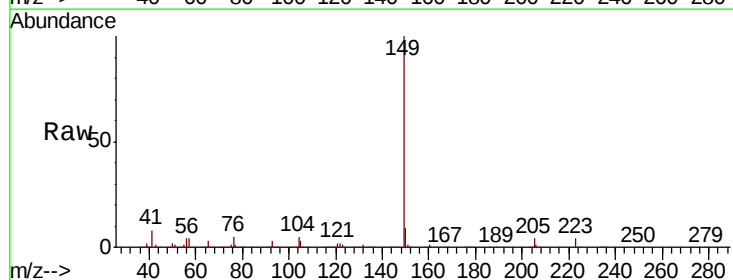
Instrument :
 BNA_F
 ClientSampleId :

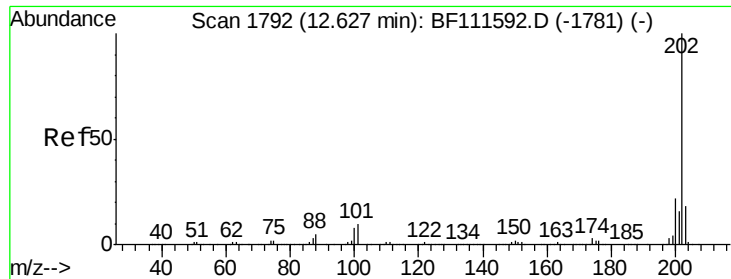
Tot Ion:167 Resp: 1590274
 Ion Ratio Lower Upper
 167 100
 166 21.9 19.3 28.9
 139 13.1 11.9 17.9



#74
 Di-n-butylphthalate
 Concen: 38.312 ng
 RT: 11.98 min Scan# 1682
 Delta R.T. 0.00 min
 Lab File: BF111629.D
 Acq: 20 Dec 2018 10:25

Tgt Ion:149 Resp: 1736564
 Ion Ratio Lower Upper
 149 100
 150 9.5 8.8 13.2
 104 4.9 4.5 6.7

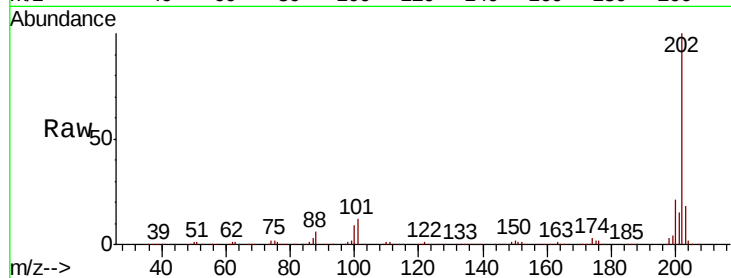




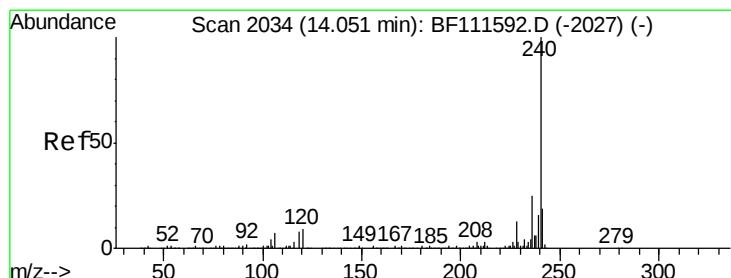
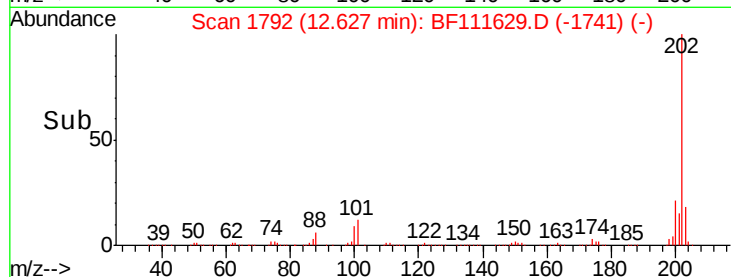
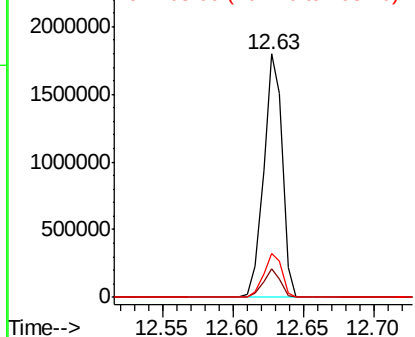
#75
Fluoranthene
Concen: 39.820 ng
RT: 12.63 min Scan# 1792
Delta R.T. 0.00 min
Lab File: BF111629.D
Acq: 20 Dec 2018 10:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1672808
Ion Ratio Lower Upper
202 100
101 11.6 0.0 33.8
203 18.2 0.0 38.6

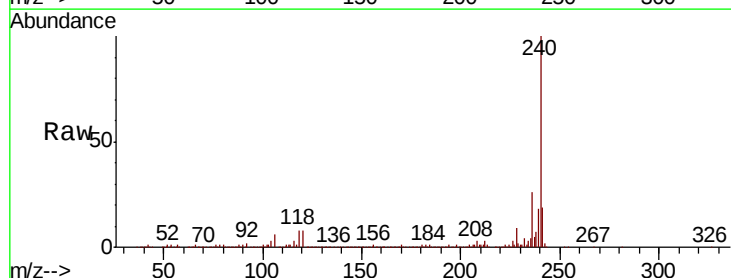


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

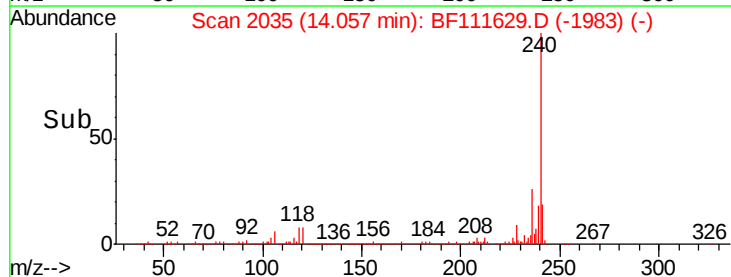
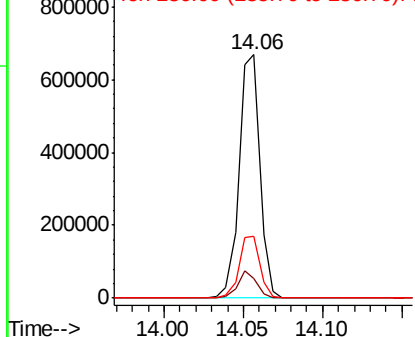


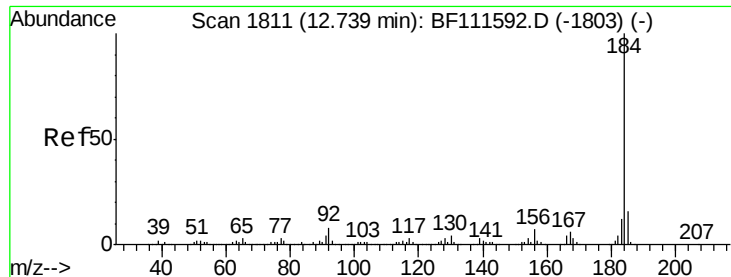
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.01 min
Lab File: BF111629.D
Acq: 20 Dec 2018 10:25

Tgt Ion:240 Resp: 606000
Ion Ratio Lower Upper
240 100
120 8.3 12.2 18.2#
236 25.5 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 40.864 ng

RT: 12.75 min Scan# 1812

Delta R.T. 0.01 min

Lab File: BF111629.D

Acq: 20 Dec 2018 10:25

Instrument :

BNA_F

ClientSampled :

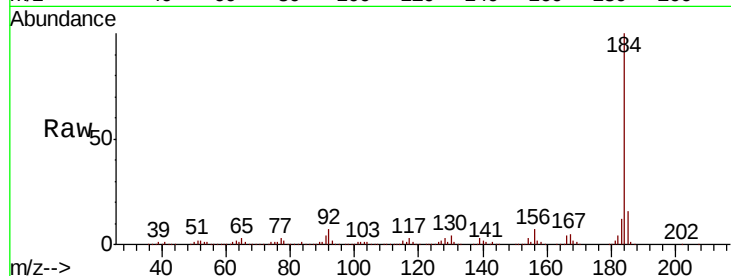
Tot Ion:184 Resp: 931847

Ion	Ratio	Lower	Upper
184	100		
185	15.9	13.0	19.6
183	12.1	9.3	13.9

184 100

185 15.9 13.0 19.6

183 12.1 9.3 13.9

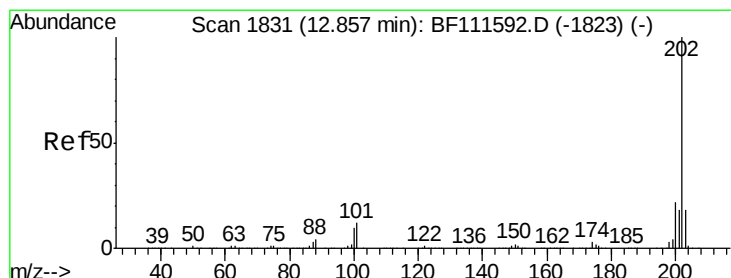
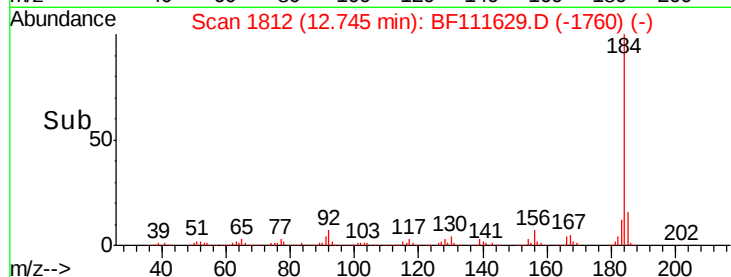
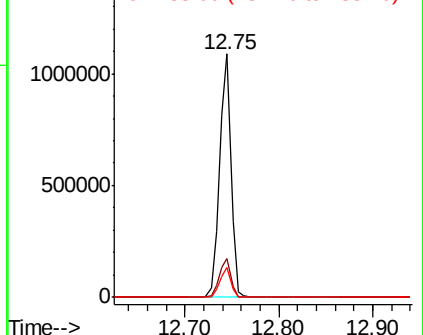


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.944 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.00 min

Lab File: BF111629.D

Acq: 20 Dec 2018 10:25

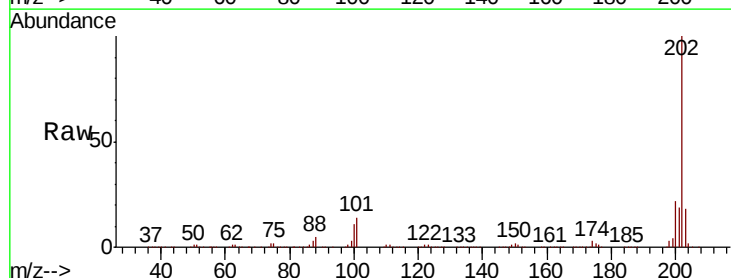
Tgt Ion:202 Resp: 1709380

Ion	Ratio	Lower	Upper
202	100		
200	21.7	19.0	28.4
203	18.1	15.2	22.8

202 100

200 21.7 19.0 28.4

203 18.1 15.2 22.8

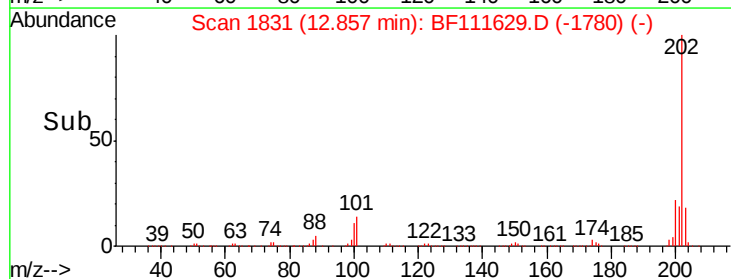
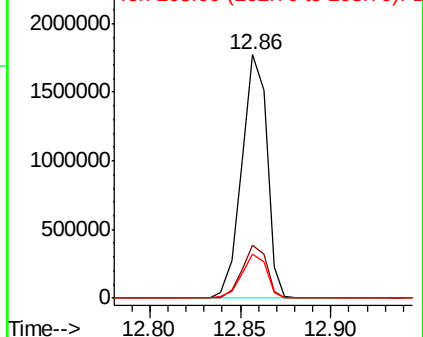


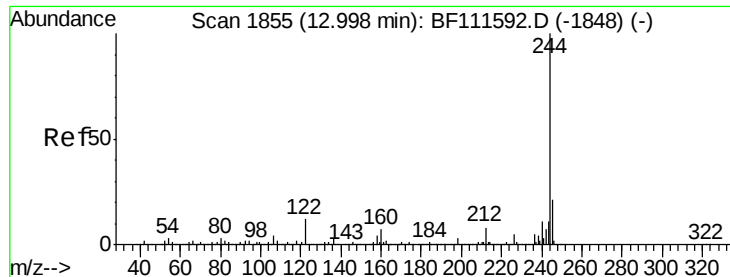
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 78.078 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.01 min

Lab File: BF111629.D

Acq: 20 Dec 2018 10:25

Instrument :

BNA_F

ClientSampleId :

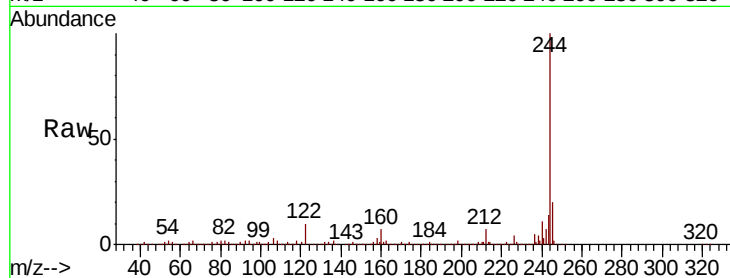
Tot Ion:244 Resp: 2494992

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

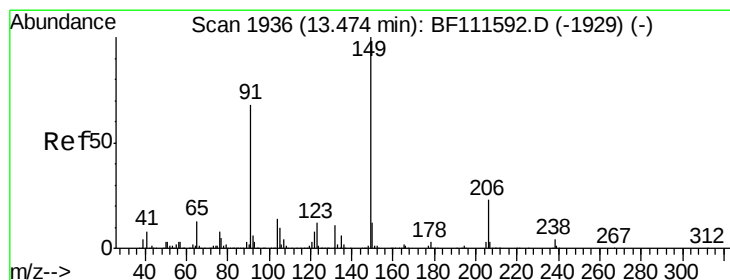
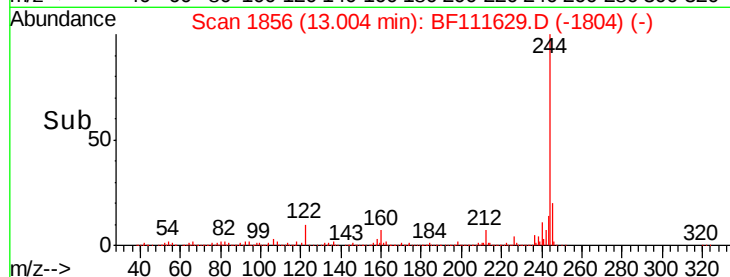
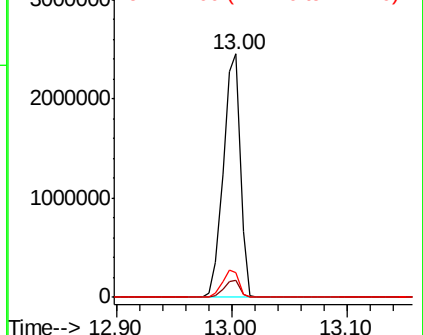
122 10.3 13.1 19.7#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.579 ng

RT: 13.47 min Scan# 1936

Delta R.T. 0.00 min

Lab File: BF111629.D

Acq: 20 Dec 2018 10:25

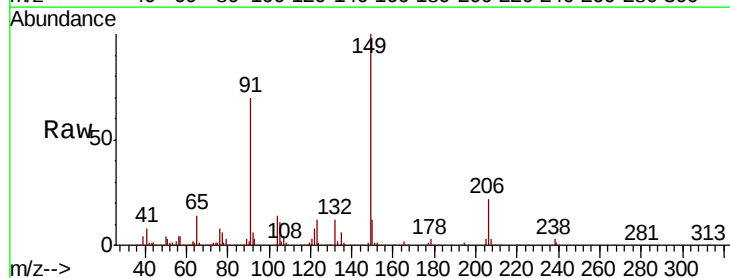
Tgt Ion:149 Resp: 707854

Ion Ratio Lower Upper

149 100

91 70.2 63.8 95.6

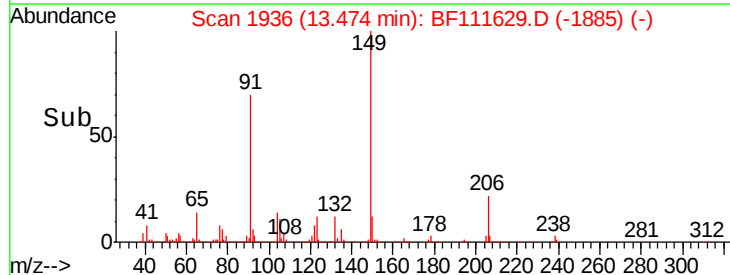
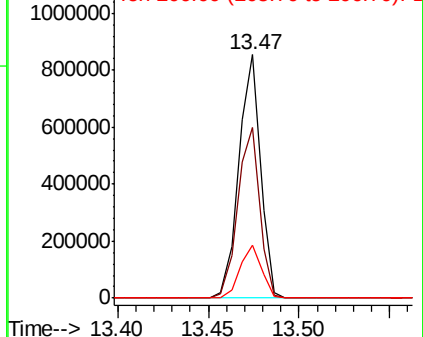
206 22.0 15.1 22.7

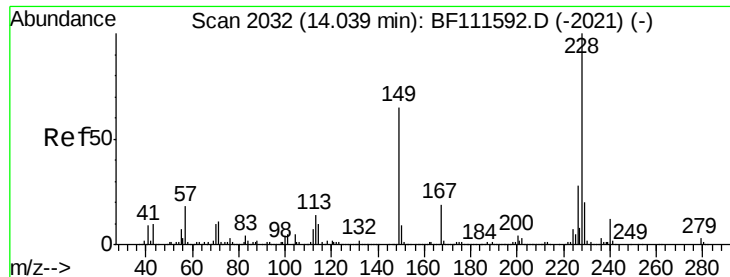


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.847 ng

RT: 14.05 min Scan# 2033

Delta R.T. 0.01 min

Lab File: BF111629.D

Acq: 20 Dec 2018 10:25

Instrument :

BNA_F

ClientSampleId :

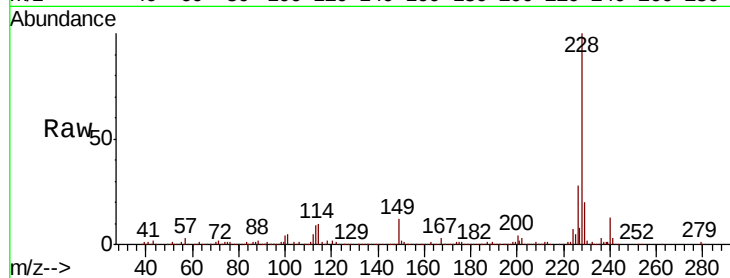
Tot Ion:228 Resp: 1378086

Ion Ratio Lower Upper

228 100

226 28.5 22.6 34.0

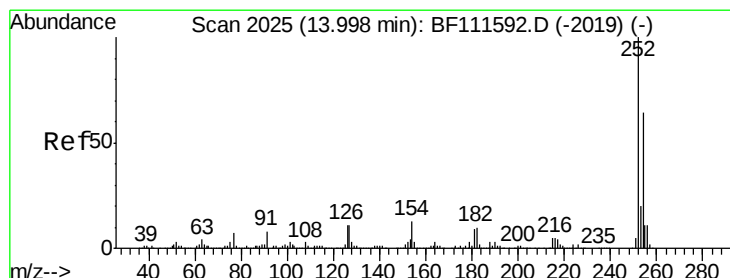
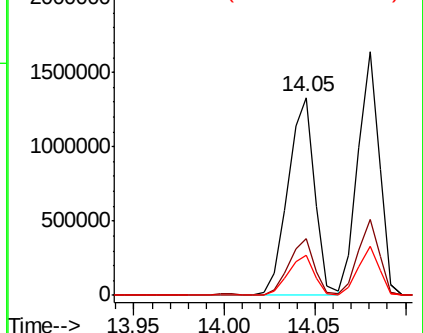
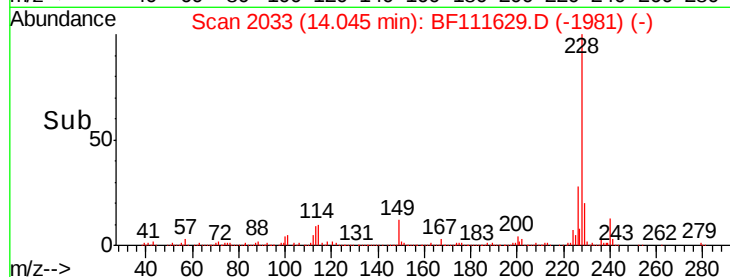
229 20.1 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 41.661 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.01 min

Lab File: BF111629.D

Acq: 20 Dec 2018 10:25

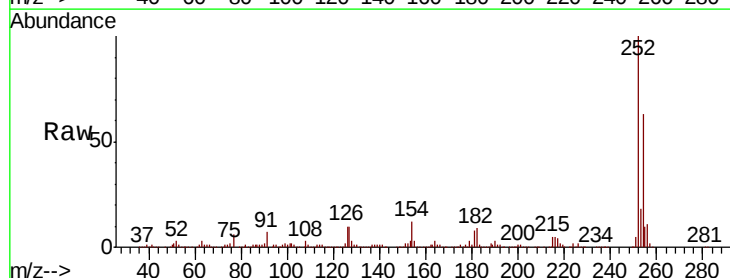
Tgt Ion:252 Resp: 569271

Ion Ratio Lower Upper

252 100

254 63.5 52.7 79.1

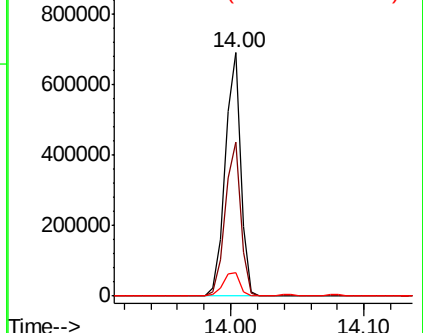
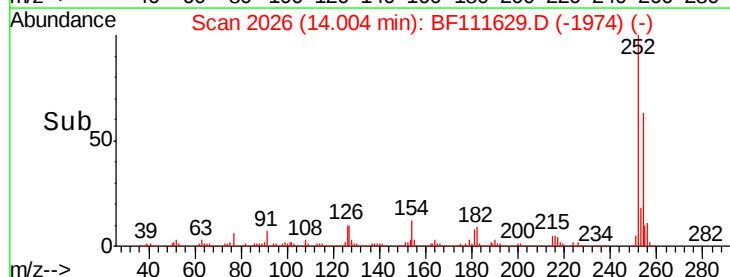
126 9.7 11.1 16.7#

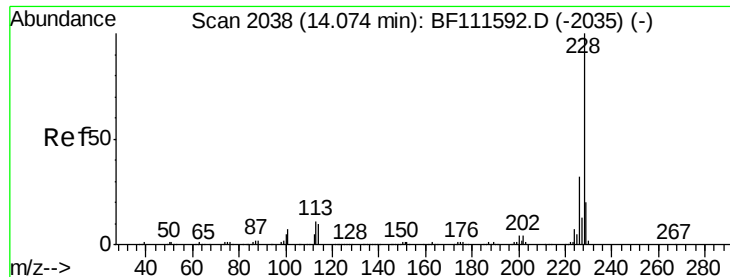


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.711 ng

RT: 14.08 min Scan# 2039

Delta R.T. 0.01 min

Lab File: BF111629.D

Acq: 20 Dec 2018 10:25

Instrument :

BNA_F

ClientSampleId :

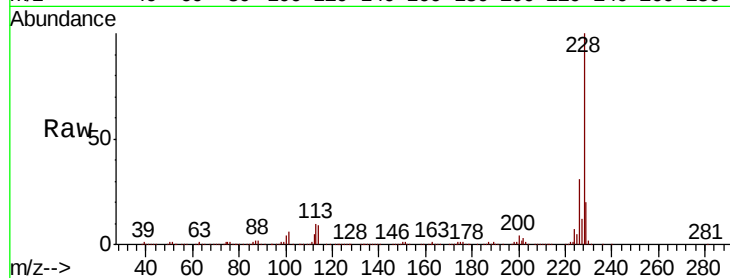
Tot Ion:228 Resp: 1349827

Ion Ratio Lower Upper

228 100

226 31.3 25.3 37.9

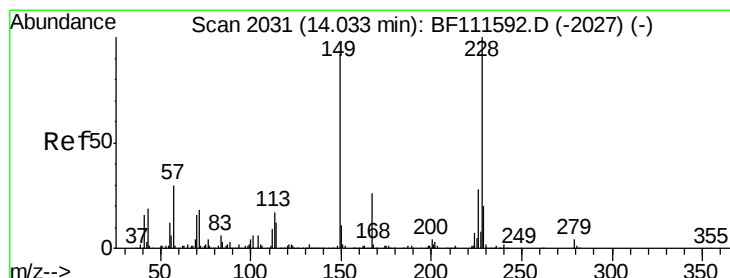
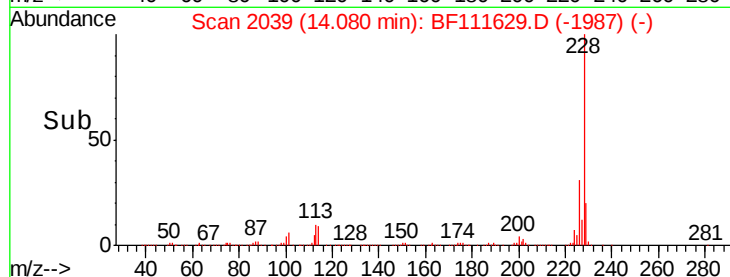
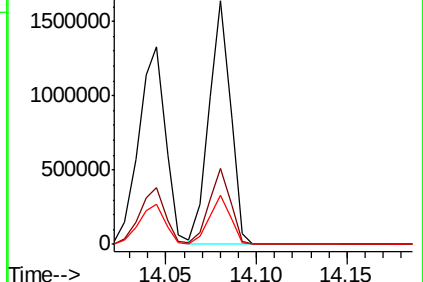
229 20.0 17.2 25.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.996 ng

RT: 14.03 min Scan# 2031

Delta R.T. 0.00 min

Lab File: BF111629.D

Acq: 20 Dec 2018 10:25

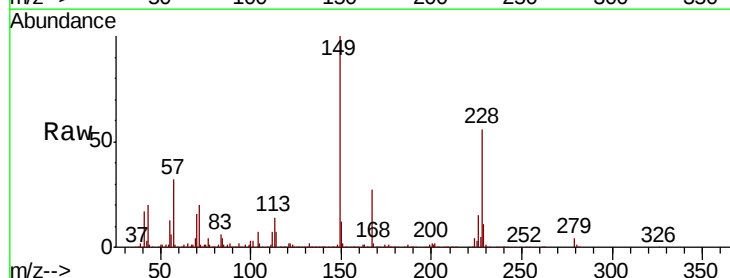
Tgt Ion:149 Resp: 856842

Ion Ratio Lower Upper

149 100

167 26.9 22.5 33.7

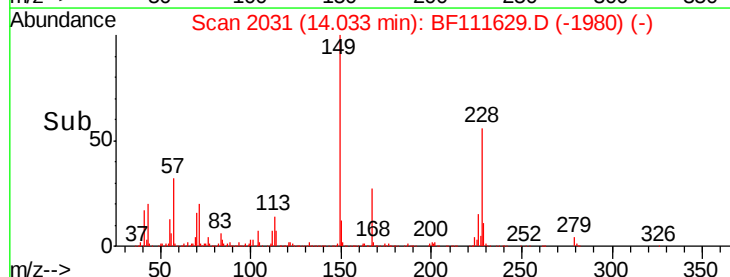
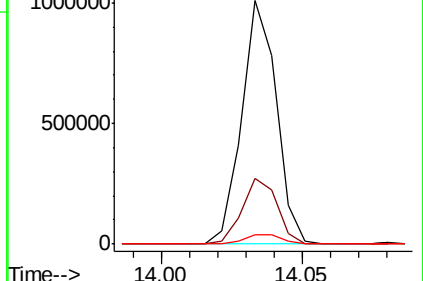
279 4.1 2.6 4.0#

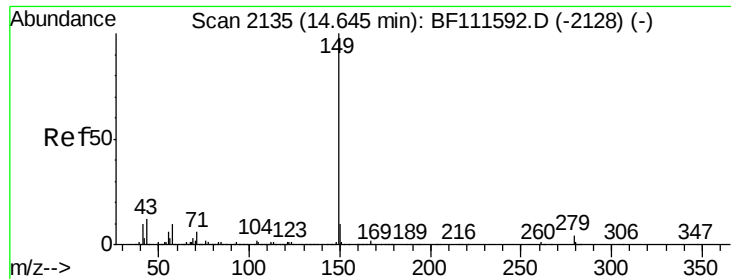


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

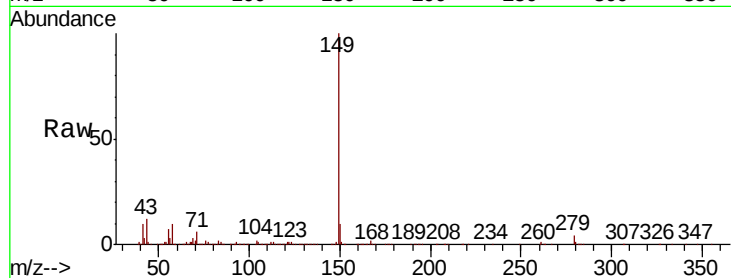




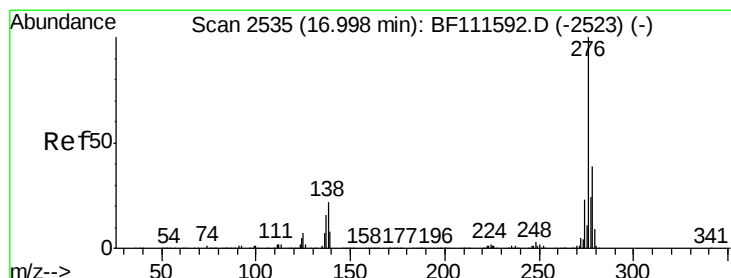
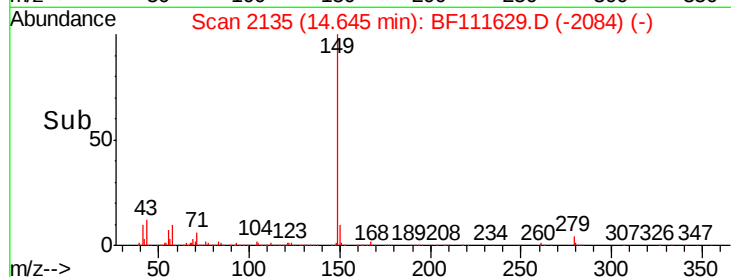
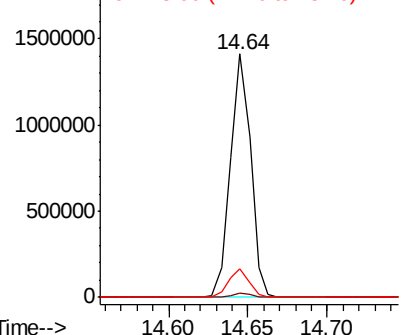
#85
Di-n-octyl phthalate
Concen: 36.642 ng
RT: 14.64 min Scan# 2135
Delta R.T. 0.00 min
Lab File: BF111629.D
Acq: 20 Dec 2018 10:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1247431
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.6 10.9 16.3

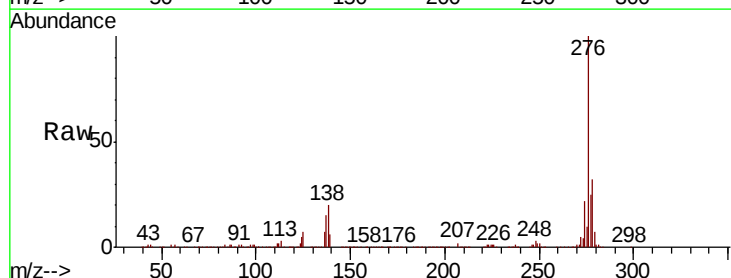


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

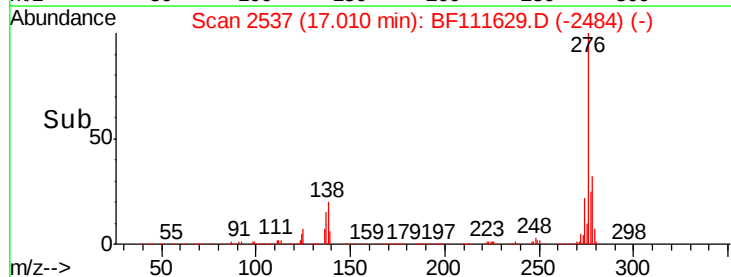
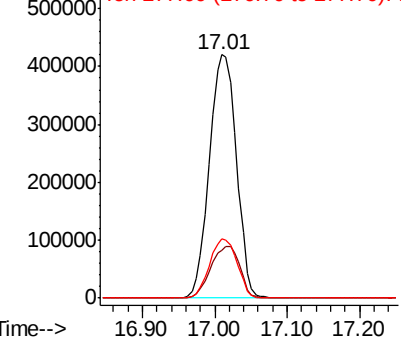


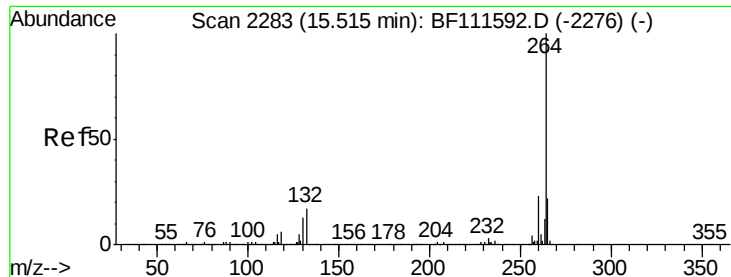
#86
Indeno(1,2,3-cd)pyrene
Concen: 37.714 ng
RT: 17.01 min Scan# 2537
Delta R.T. 0.01 min
Lab File: BF111629.D
Acq: 20 Dec 2018 10:25

Tgt Ion:276 Resp: 1089769
Ion Ratio Lower Upper
276 100
138 22.8 27.8 41.6#
277 24.9 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.53 min Scan# 2285

Delta R.T. 0.01 min

Lab File: BF111629.D

Acq: 20 Dec 2018 10:25

Instrument :

BNA_F

ClientSampleId :

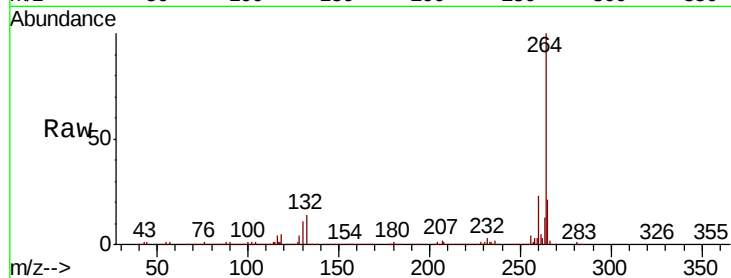
Tot Ion:264 Resp: 472062

Ion Ratio Lower Upper

264 100

260 22.8 18.3 27.5

265 20.8 17.7 26.5

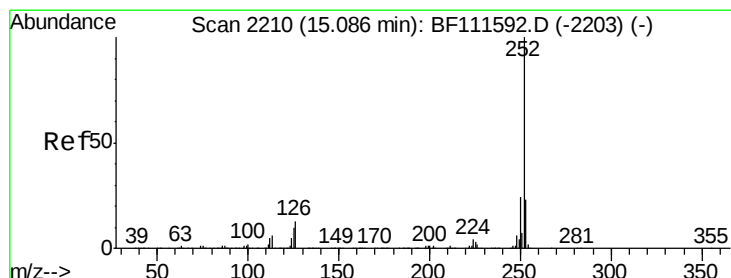
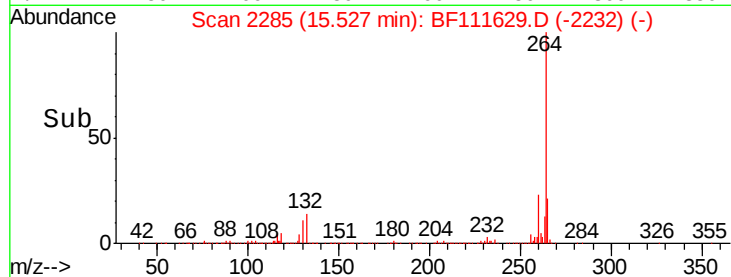
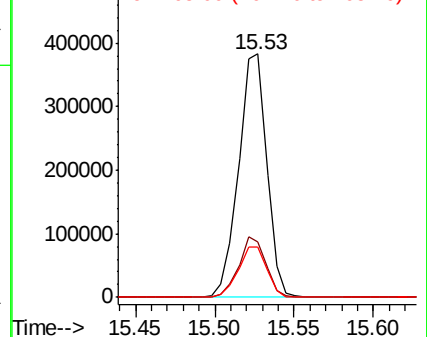


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 41.453 ng

RT: 15.09 min Scan# 2211

Delta R.T. 0.01 min

Lab File: BF111629.D

Acq: 20 Dec 2018 10:25

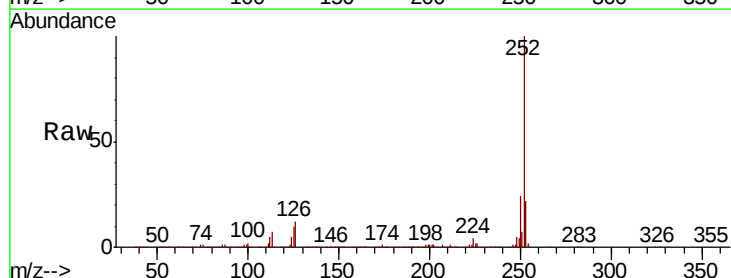
Tgt Ion:252 Resp: 1143665

Ion Ratio Lower Upper

252 100

253 22.3 18.2 27.2

125 9.6 10.4 15.6#

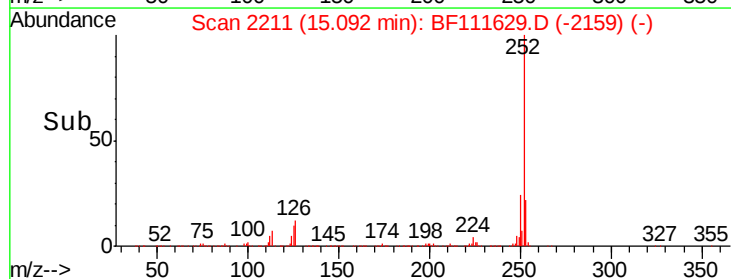
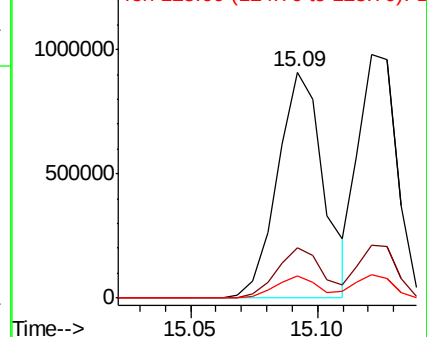


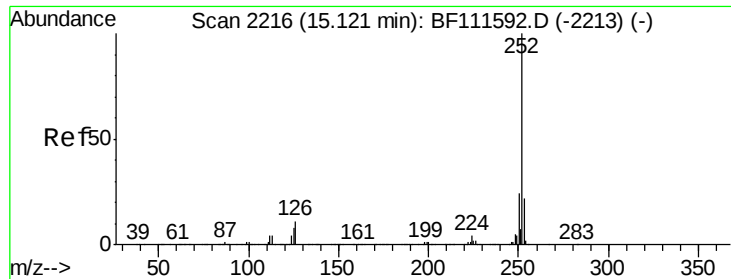
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

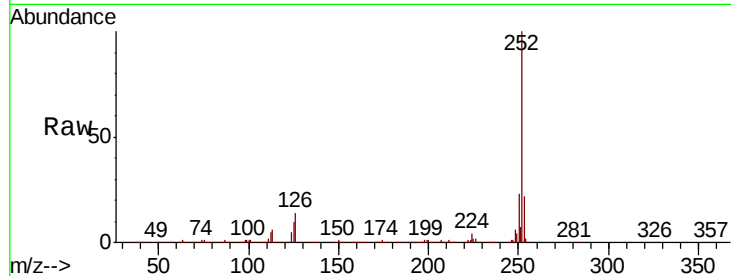




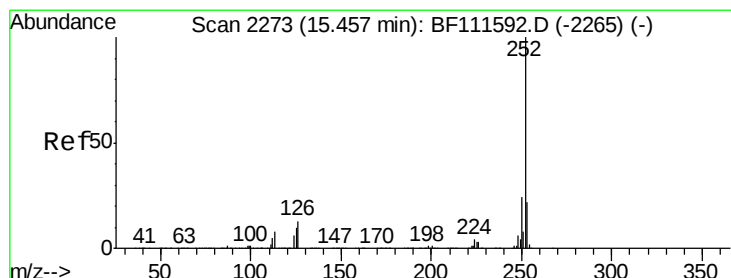
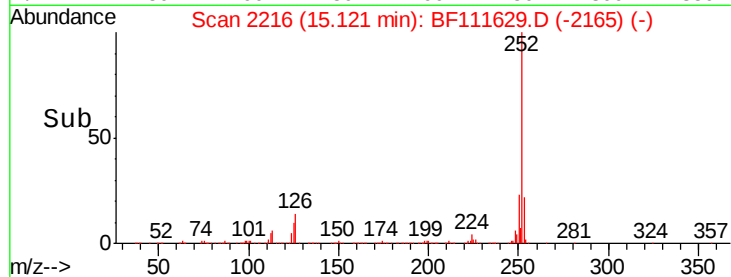
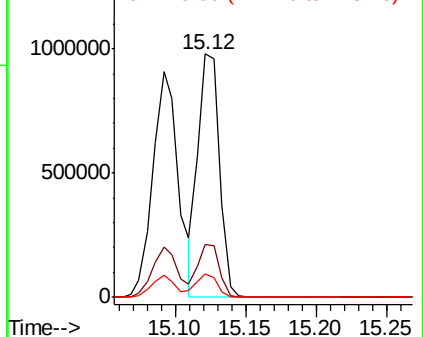
#89
Benzo(k)fluoranthene
Concen: 39.427 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.00 min
Lab File: BF111629.D
Acq: 20 Dec 2018 10:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1035587
Ion Ratio Lower Upper
252 100
253 21.8 18.1 27.1
125 9.8 9.8 14.8#

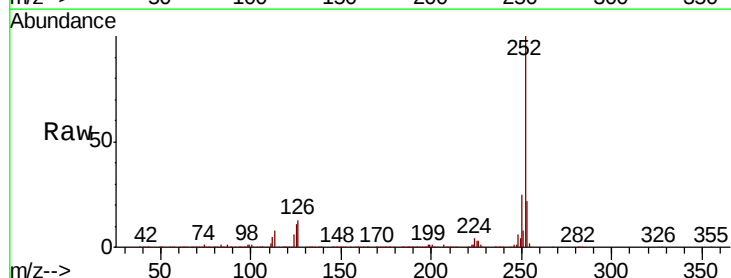


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

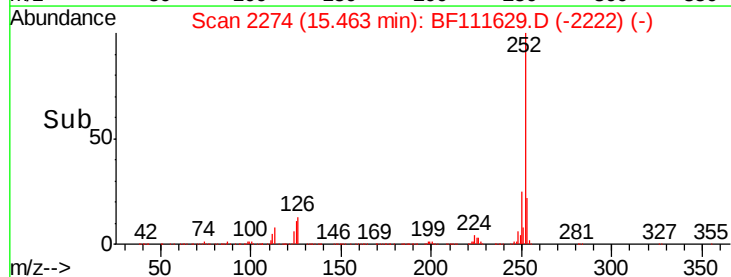
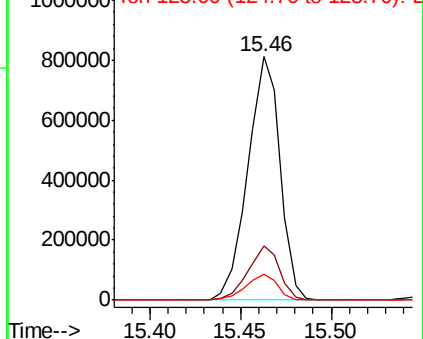


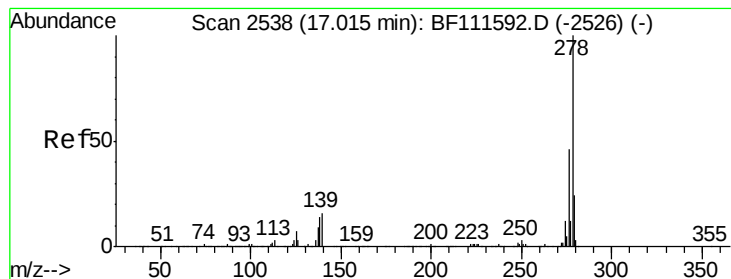
#90
Benzo(a)pyrene
Concen: 40.031 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BF111629.D
Acq: 20 Dec 2018 10:25

Tgt Ion:252 Resp: 1003366
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 10.6 12.3 18.5#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 41.385 ng

RT: 17.03 min Scan# 2540

Delta R.T. 0.01 min

Lab File: BF111629.D

Acq: 20 Dec 2018 10:25

Instrument :

BNA_F

ClientSampleId :

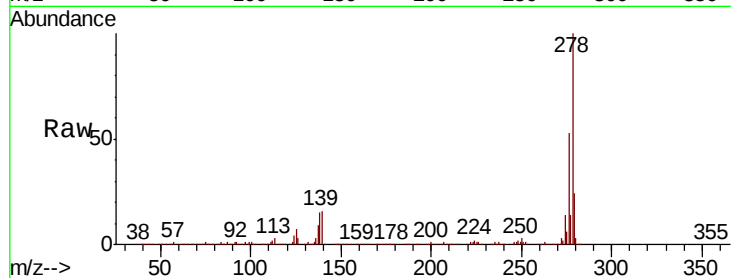
Tot Ion:278 Resp: 908359

Ion Ratio Lower Upper

278 100

139 15.8 18.2 27.4#

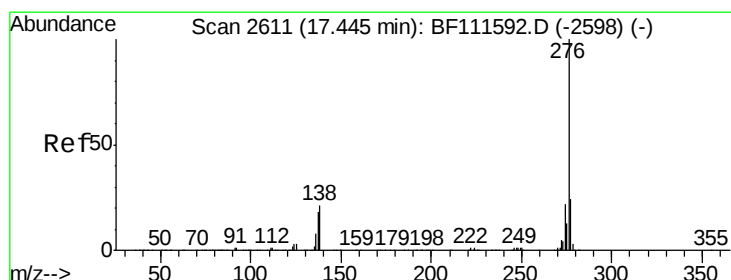
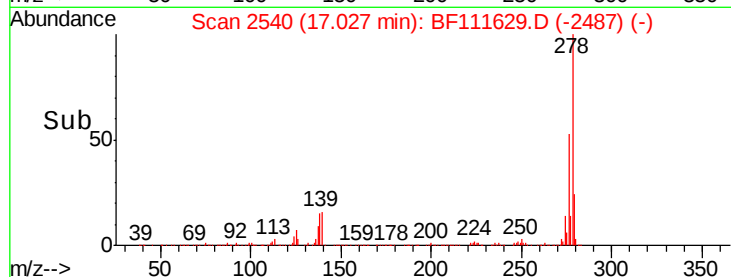
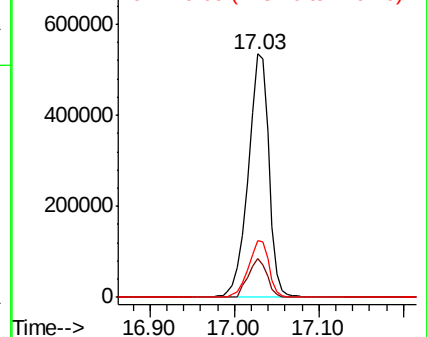
279 23.5 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 41.899 ng

RT: 17.46 min Scan# 2614

Delta R.T. 0.02 min

Lab File: BF111629.D

Acq: 20 Dec 2018 10:25

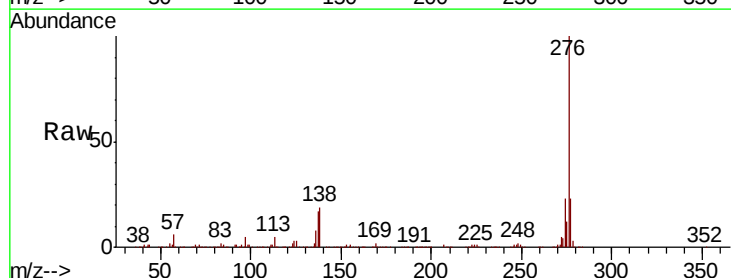
Tgt Ion:276 Resp: 898001

Ion Ratio Lower Upper

276 100

277 23.2 19.2 28.8

138 19.5 24.9 37.3#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

