

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
 Data File : BF112029.D
 Acq On : 11 Jan 2019 21:33
 Operator : JU/SJ
 Sample : K1088-10MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 12 00:57:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 11 21:37:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	89080	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	311047	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	138031	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	232754	20.00	ng	0.01
76) Chrysene-d12	14.06	240	178584	20.00	ng	0.02
87) Perylene-d12	15.55	264	125158	20.00	ng	0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	566681	108.83	ng	0.01
7) Phenol-d6	6.52	99	706357	105.25	ng	0.00
23) Nitrobenzene-d5	7.43	82	423309	72.73	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	184696	102.87	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	786191	83.06	ng	0.00
79) Terphenyl-d14	13.00	244	807500	85.83	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.67	88	91415	40.152	ng	98
3) Pyridine	3.43	79	221143	37.475	ng	99
4) n-Nitrosodimethylamine	3.37	42	134533	45.822	ng	98
6) Aniline	6.53	93	76558	9.435	ng	# 1
8) 2-Chlorophenol	6.67	128	217614	37.638	ng	94
9) Benzaldehyde	6.42	77	73267	15.458	ng	97
10) Phenol	6.54	94	277938	38.105	ng	79
11) bis(2-Chloroethyl)ether	6.60	93	206753	36.640	ng	96
12) 1,3-Dichlorobenzene	6.82	146	246411	36.763	ng	98
13) 1,4-Dichlorobenzene	6.89	146	244557	35.956	ng	98
14) 1,2-Dichlorobenzene	7.05	146	231789	35.651	ng	99
15) Benzyl Alcohol	7.02	79	184032	34.658	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	323885	33.665	ng	62
17) 2-Methylphenol	7.14	107	177850	38.273	ng	96
18) Hexachloroethane	7.39	117	61891	26.062	ng	98
19) n-Nitroso-di-n-propylamine	7.29	70	157008	36.007	ng	96
20) 3+4-Methylphenols	7.29	107	223522	38.650	ng	# 70
22) Acetophenone	7.28	105	303621	38.556	ng	# 91
24) Nitrobenzene	7.46	77	217608	36.962	ng	98
25) Isophorone	7.69	82	392191	41.615	ng	98
26) 2-Nitrophenol	7.77	139	90767	31.312	ng	92
27) 2,4-Dimethylphenol	7.82	122	179515	42.830	ng	97
28) bis(2-Chloroethoxy)methane	7.90	93	246755	39.226	ng	100
29) 2,4-Dichlorophenol	8.02	162	180752	37.503	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	198831	37.396	ng	99
31) Naphthalene	8.18	128	597572	40.471	ng	100
32) Benzoic acid	7.89	122	8411	3.092	ng	# 83
33) 4-Chloroaniline	8.23	127	69182	10.839	ng	97
34) Hexachlorobutadiene	8.30	225	117885	35.615	ng	99
35) Caprolactam	8.60	113	8904	5.655	ng	# 1
36) 4-Chloro-3-methylphenol	8.72	107	167652	34.986	ng	97
37) 2-Methylnaphthalene	8.87	142	385111	42.092	ng	99
38) 1-Methylnaphthalene	8.97	142	353813	40.318	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	178046	40.461	ng	99

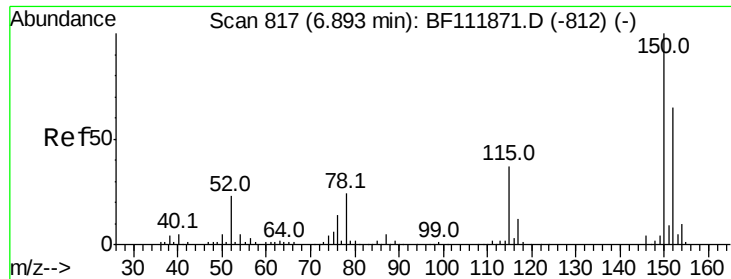
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
 Data File : BF112029.D
 Acq On : 11 Jan 2019 21:33
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 11 21:37:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.16	196	114223	38.269	ng	99
44) 2,4,5-Trichlorophenol	9.20	196	116641	37.300	ng	96
46) 1,1'-Biphenyl	9.33	154	449667	38.945	ng	98
47) 2-Chloronaphthalene	9.36	162	340201	37.543	ng	99
48) 2-Nitroaniline	9.46	65	117898	42.555	ng	90
49) Acenaphthylene	9.78	152	529020	39.488	ng	98
50) Dimethylphthalate	9.63	163	463156	44.667	ng	99
51) 2,6-Dinitrotoluene	9.69	165	78912	34.033	ng	93
52) Acenaphthene	9.95	154	411782	47.678	ng	99
53) 3-Nitroaniline	9.86	138	76818	30.936	ng	# 99
55) Dibenzofuran	10.12	168	546589	43.516	ng	97
56) 4-Nitrophenol	10.05	139	122057	69.567	ng	91
57) 2,4-Dinitrotoluene	10.10	165	104986	35.040	ng	# 94
58) Fluorene	10.47	166	444760	48.663	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.25	232	90959	34.522	ng	# 95
60) Diethylphthalate	10.33	149	382737	38.142	ng	98
61) 4-Chlorophenyl-phenylether	10.46	204	176839	34.504	ng	98
62) 4-Nitroaniline	10.47	138	93513	39.704	ng	91
63) Azobenzene	10.62	77	332001	34.634	ng	94
65) 4,6-Dinitro-2-methylphenol	10.52	198	2899	2.019	ng	# 1
66) n-Nitrosodiphenylamine	10.57	169	342966	43.910	ng	96
67) 4-Bromophenyl-phenylether	10.95	248	115642	38.359	ng	95
68) Hexachlorobenzene	11.03	284	116687	34.925	ng	# 94
69) Atrazine	11.10	200	108331	39.476	ng	95
70) Pentachlorophenol	11.22	266	93958	49.420	ng	98
71) Phenanthrene	11.43	178	691763	55.589	ng	99
72) Anthracene	11.49	178	561529	44.451	ng	98
73) Carbazole	11.64	167	454850	37.016	ng	97
74) Di-n-butylphthalate	11.96	149	552495	38.709	ng	98
75) Fluoranthene	12.63	202	750311	58.732	ng	97
77) Benzidine	12.74	184	148015	27.738	ng	# 87
78) Pyrene	12.86	202	680673	55.395	ng	99
80) Butylbenzylphthalate	13.47	149	216794	41.733	ng	93
81) Benzo(a)anthracene	14.06	228	456640	44.430	ng	97
82) 3,3'-Dichlorobenzidine	14.00	252	55137	14.531	ng	# 92
83) Chrysene	14.09	228	412386	42.082	ng	97
84) Bis(2-ethylhexyl)phthalate	14.03	149	483534	70.875	ng	# 96
85) Di-n-octyl phthalate	14.64	149	491794	50.372	ng	# 74
86) Indeno(1,2,3-cd)pyrene	17.05	276	310673	43.486	ng	99
88) Benzo(b)fluoranthene	15.12	252	359351	47.998	ng	# 85
89) Benzo(k)fluoranthene	15.14	252	338231	48.061	ng	# 90
90) Benzo(a)pyrene	15.49	252	296581	45.053	ng	# 89
91) Dibenzo(a,h)anthracene	17.06	278	257771	48.685	ng	97
92) Benzo(g,h,i)perylene	17.50	276	254842	49.210	ng	99

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

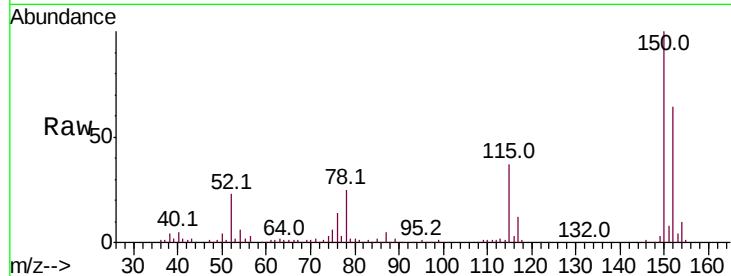


#1

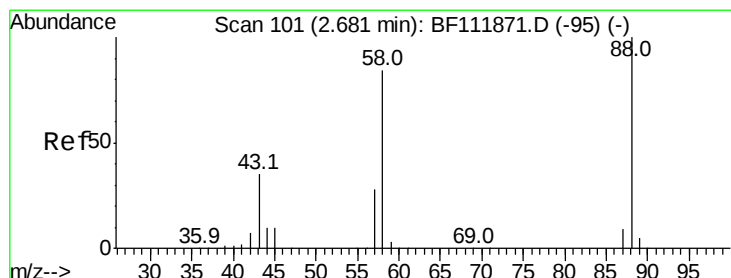
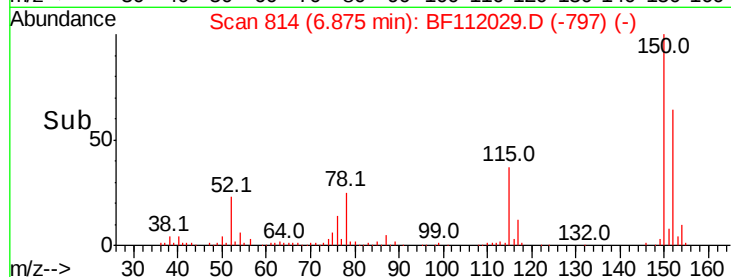
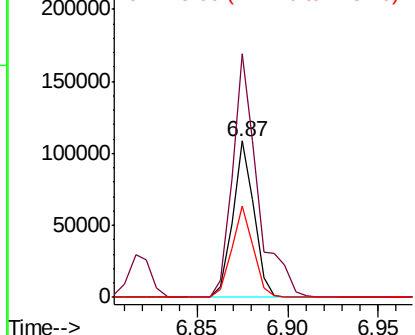
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF112029.D
Acq: 11 Jan 2019 21:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 89080
Ion Ratio Lower Upper
152 100
150 155.5 122.7 184.1
115 58.1 45.2 67.8



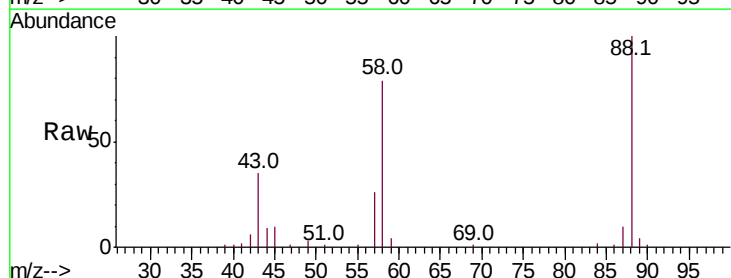
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



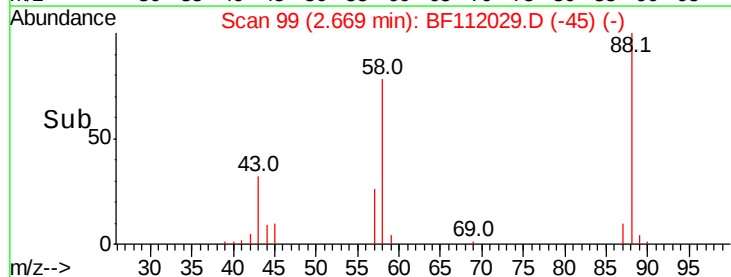
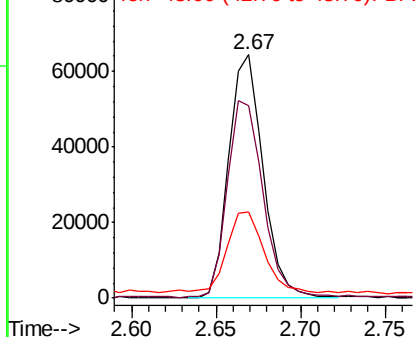
#2

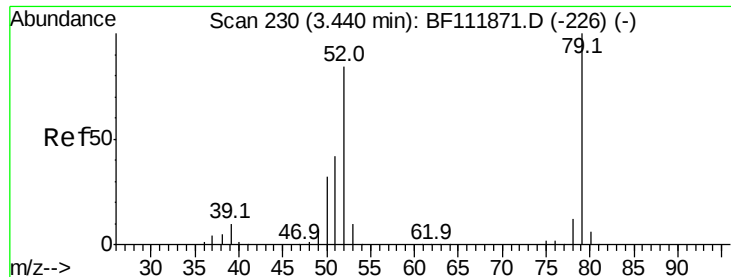
1,4-Dioxane
Concen: 40.152 ng
RT: 2.67 min Scan# 99
Delta R.T. 0.02 min
Lab File: BF112029.D
Acq: 11 Jan 2019 21:33

Tgt Ion: 88 Resp: 91415
Ion Ratio Lower Upper
88 100
58 86.3 67.6 101.4
43 35.5 29.0 43.6



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: 37.475 ng

RT: 3.43 min Scan# 229

Delta R.T. 0.02 min

Lab File: BF112029.D

Acq: 11 Jan 2019 21:33

Instrument :

BNA_F

ClientSampleId :

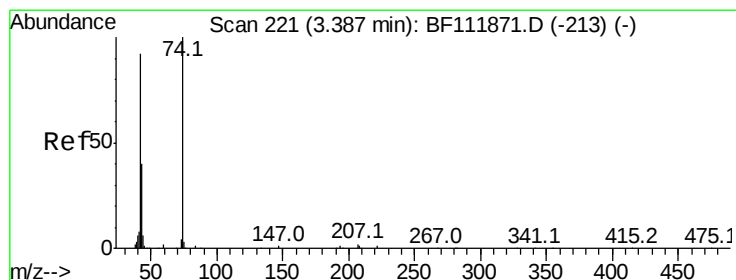
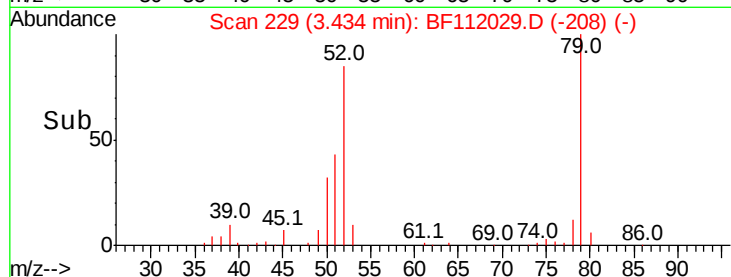
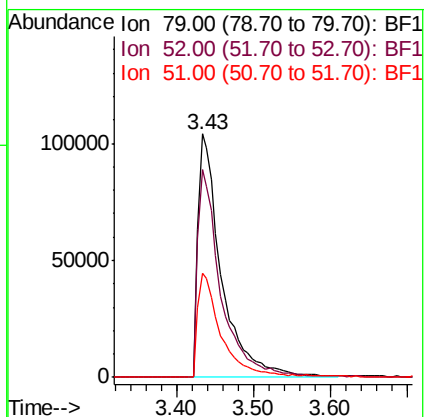
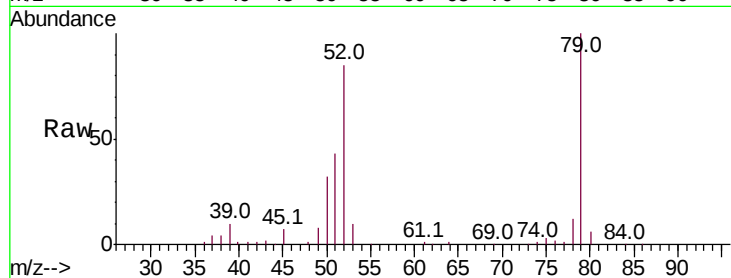
Tot Ion: 79 Resp: 221143

Ion Ratio Lower Upper

79 100

52 85.2 67.0 100.6

51 42.8 34.2 51.2



#4

n-Nitrosodimethylamine

Concen: 45.822 ng

RT: 3.37 min Scan# 218

Delta R.T. 0.01 min

Lab File: BF112029.D

Acq: 11 Jan 2019 21:33

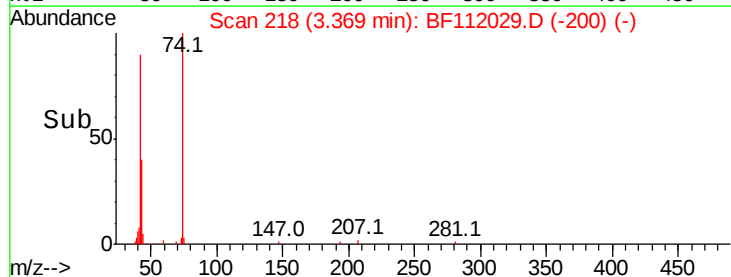
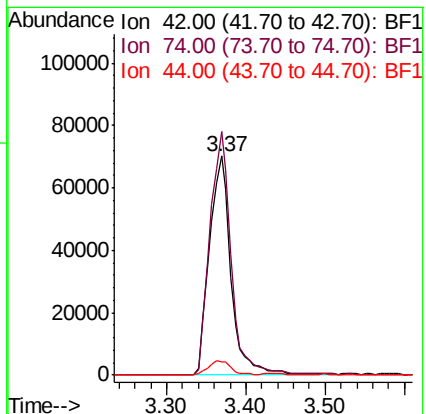
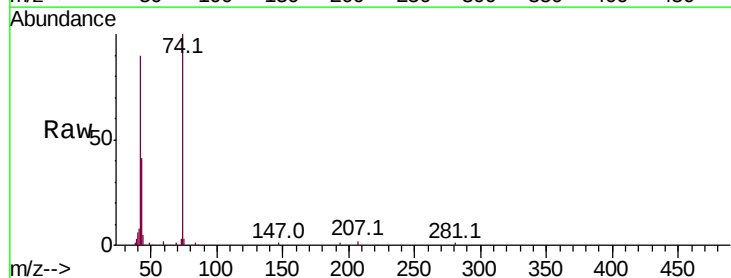
Tgt Ion: 42 Resp: 134533

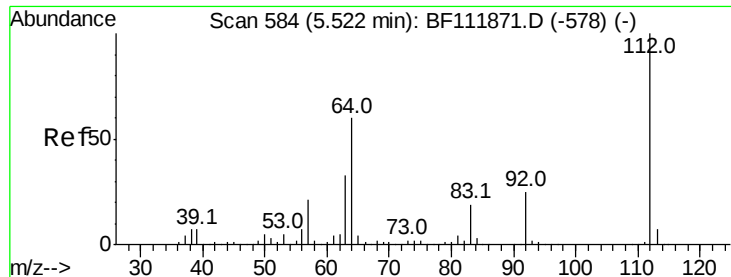
Ion Ratio Lower Upper

42 100

74 111.3 87.0 130.6

44 6.1 5.5 8.3





#5

2-Fluorophenol

Concen: 108.833 ng

RT: 5.52 min Scan# 583

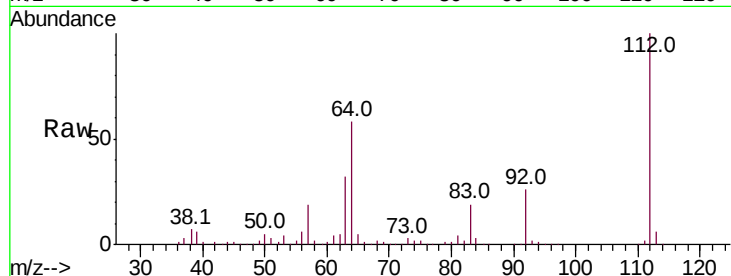
Delta R.T. 0.01 min

Lab File: BF112029.D

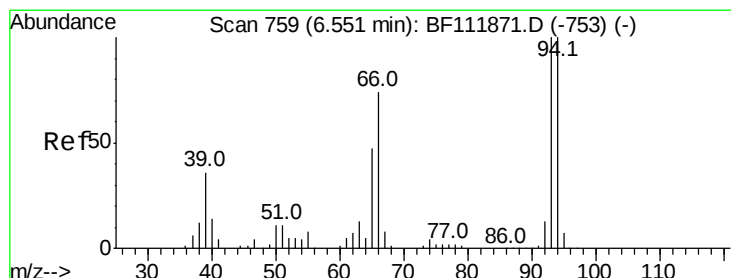
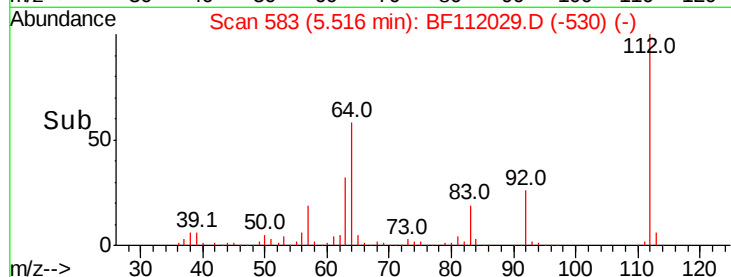
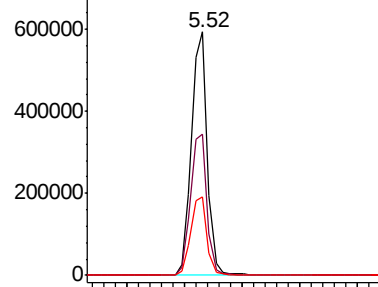
Acq: 11 Jan 2019 21:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:112	Resp:	566681
Ion Ratio	Lower	Upper
112 100		
64 58.2	48.3	72.5
63 32.3	26.1	39.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 9.435 ng

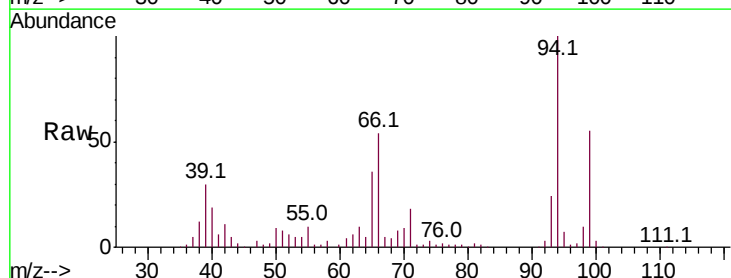
RT: 6.53 min Scan# 756

Delta R.T. -0.00 min

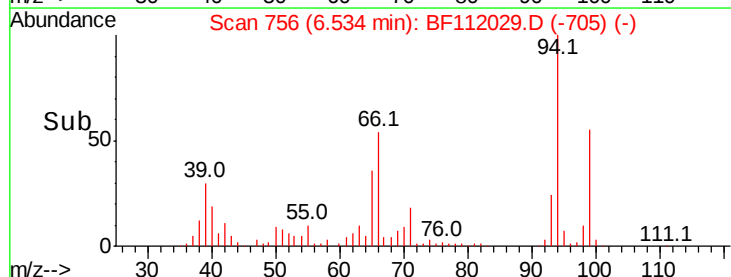
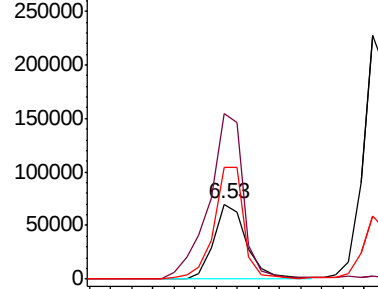
Lab File: BF112029.D

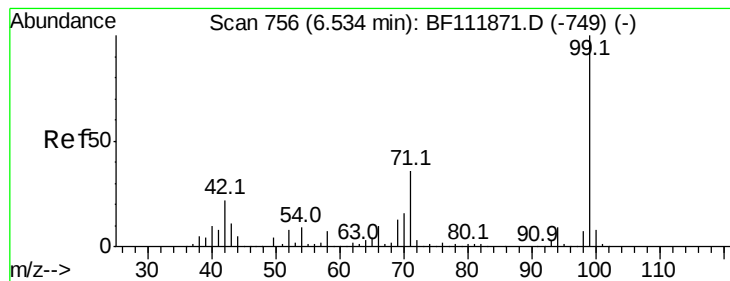
Acq: 11 Jan 2019 21:33

Tgt Ion: 93	Resp:	76558
Ion Ratio	Lower	Upper
93 100		
66 220.7	60.0	90.0#
65 148.4	37.5	56.3#



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: 105.253 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF112029.D

Acq: 11 Jan 2019 21:33

Instrument :

BNA_F

ClientSampleId :

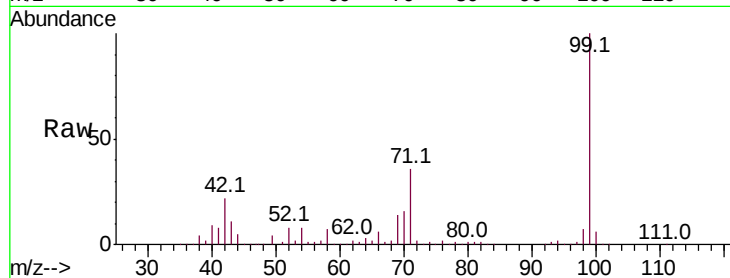
Tot Ion: 99 Resp: 706357

Ion Ratio Lower Upper

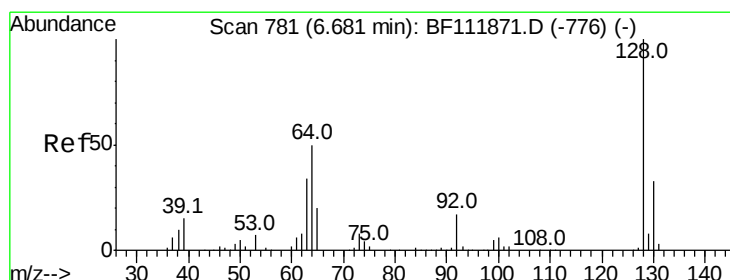
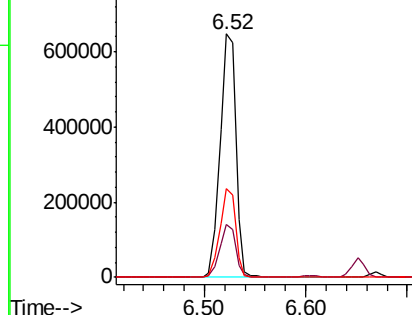
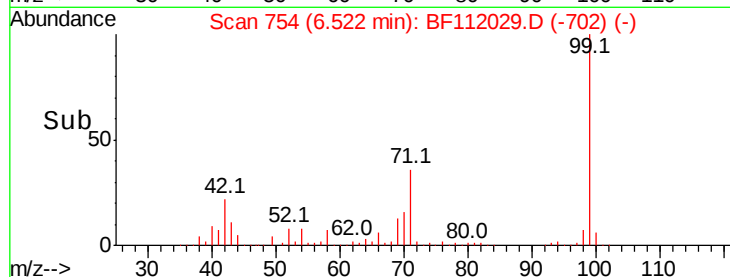
99 100

42 21.7 17.9 26.9

71 36.3 28.7 43.1



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: 37.638 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.01 min

Lab File: BF112029.D

Acq: 11 Jan 2019 21:33

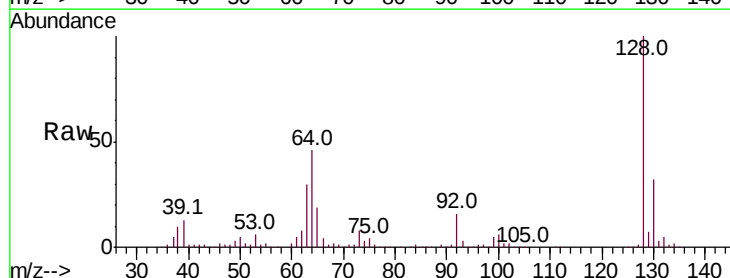
Tgt Ion:128 Resp: 217614

Ion Ratio Lower Upper

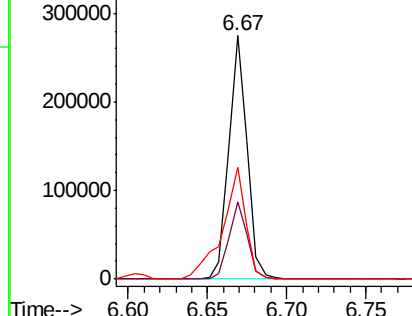
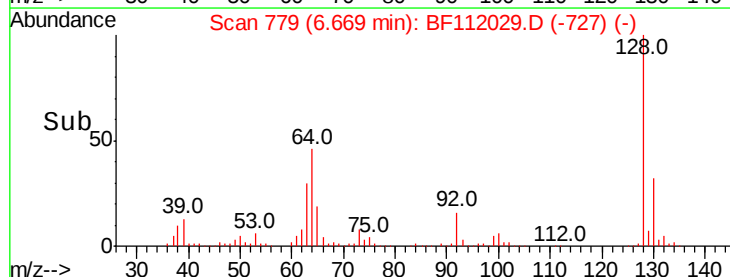
128 100

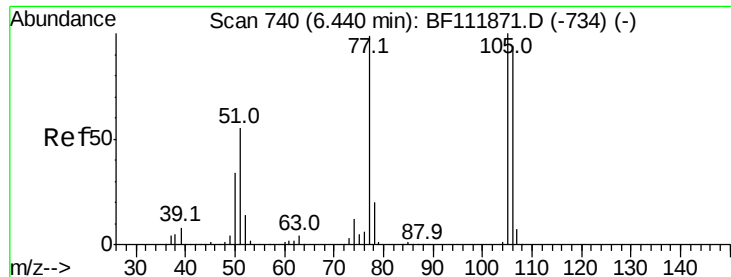
130 31.6 12.7 52.7

64 46.2 31.8 71.8



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: 15.458 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF112029.D

Acq: 11 Jan 2019 21:33

Instrument :

BNA_F

ClientSampleId :

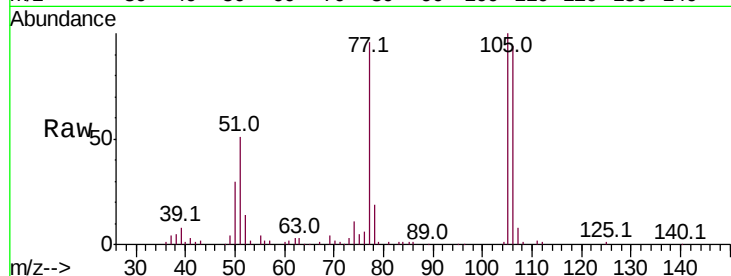
Tot Ion: 77 Resp: 73267

Ion Ratio Lower Upper

77 100

105 103.7 80.6 120.6

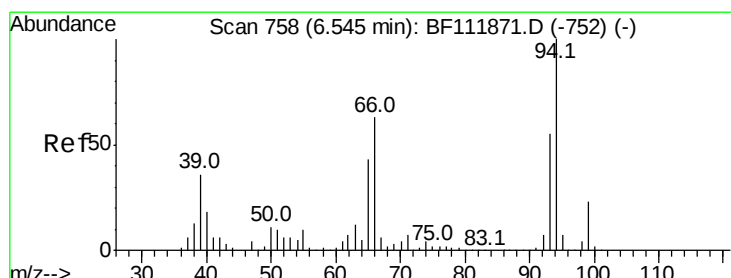
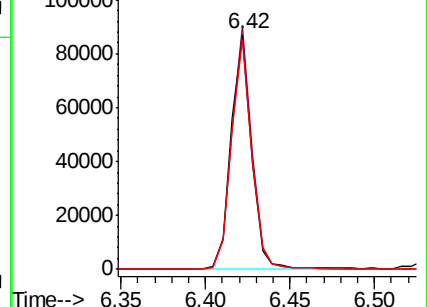
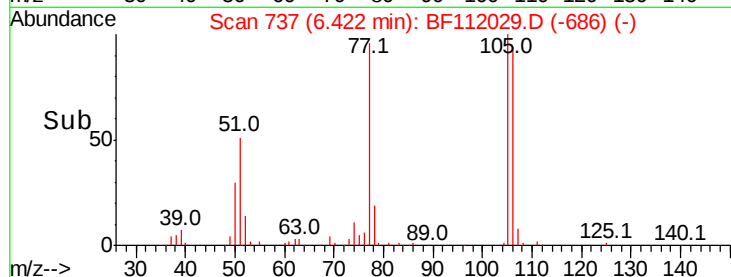
106 97.7 74.6 114.6



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 38.105 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.01 min

Lab File: BF112029.D

Acq: 11 Jan 2019 21:33

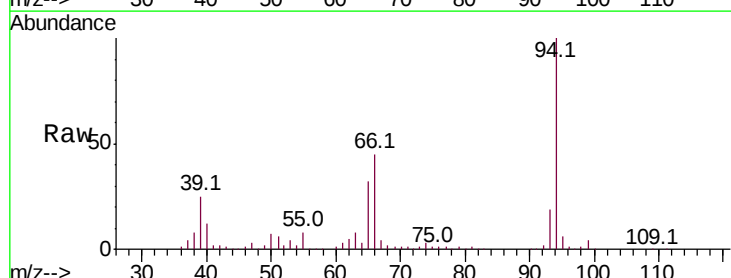
Tgt Ion: 94 Resp: 277938

Ion Ratio Lower Upper

94 100

65 31.7 22.8 62.8

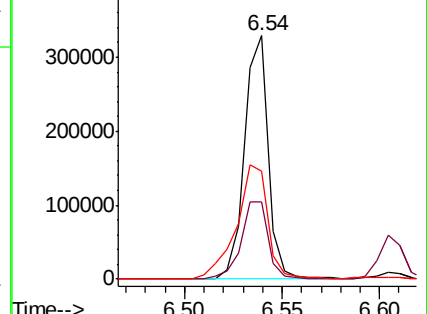
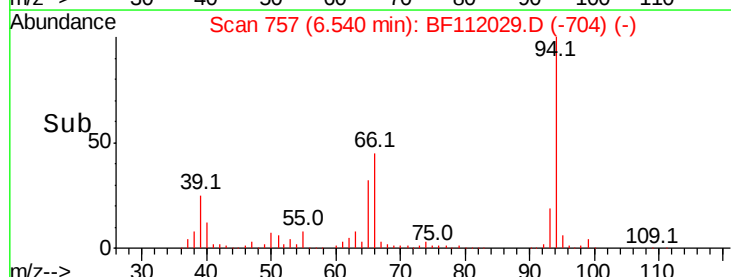
66 44.5 43.3 83.3

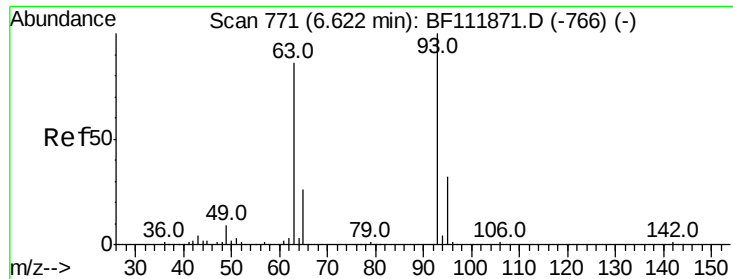


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 36.640 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF112029.D

Acq: 11 Jan 2019 21:33

Instrument :

BNA_F

ClientSampleId :

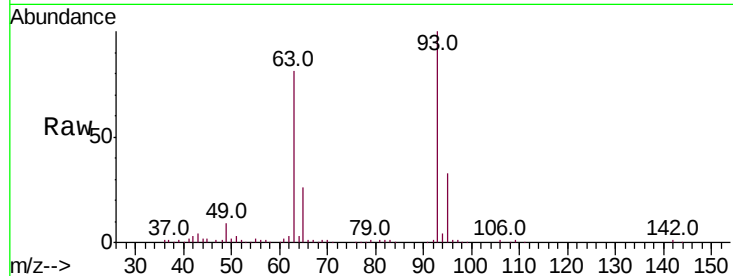
Tot Ion: 93 Resp: 206753

Ion Ratio Lower Upper

93 100

63 81.1 65.2 105.2

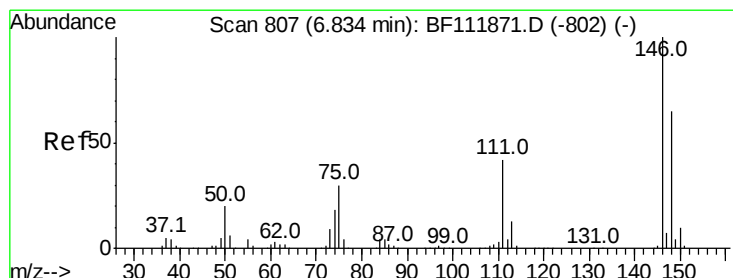
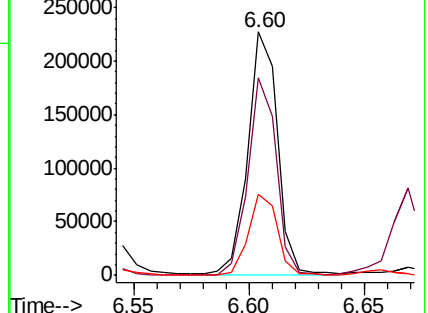
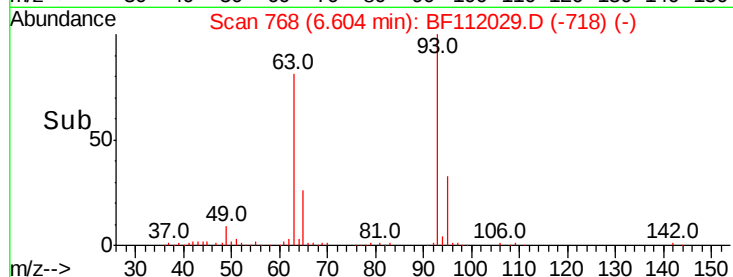
95 33.1 11.9 51.9



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: 36.763 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.00 min

Lab File: BF112029.D

Acq: 11 Jan 2019 21:33

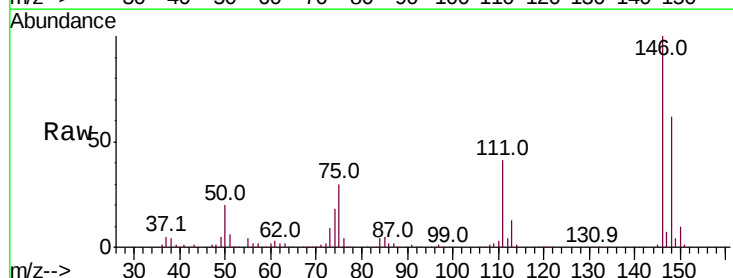
Tgt Ion: 146 Resp: 246411

Ion Ratio Lower Upper

146 100

148 61.9 51.8 77.6

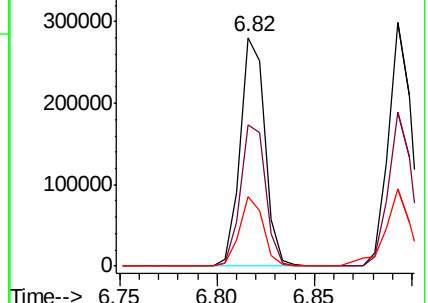
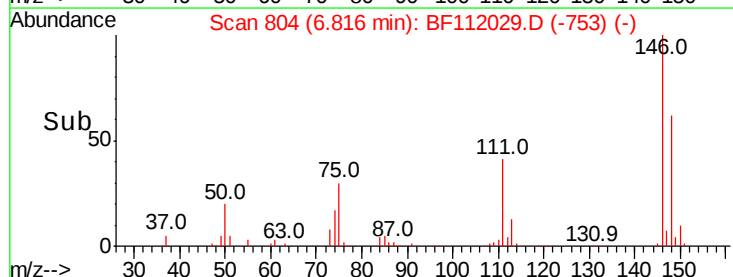
75 30.2 24.3 36.5

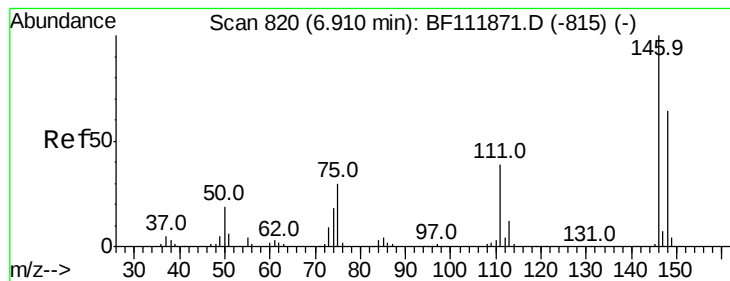


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 35.956 ng

RT: 6.89 min Scan# 817

Delta R.T. -0.00 min

Lab File: BF112029.D

Acq: 11 Jan 2019 21:33

Instrument :

BNA_F

ClientSampleId :

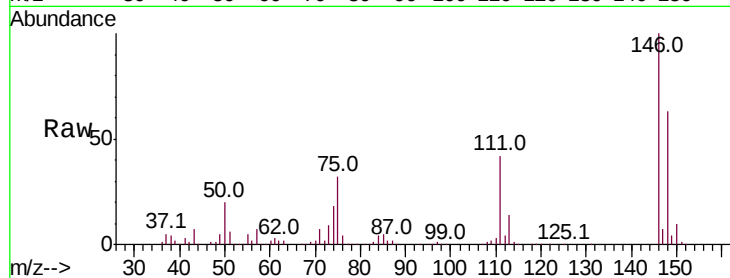
Tot Ion:146 Resp: 244557

Ion Ratio Lower Upper

146 100

148 63.2 51.2 76.8

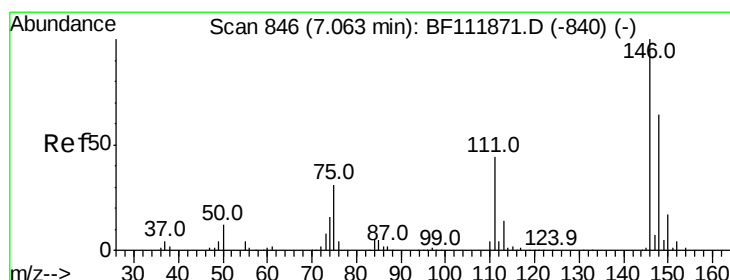
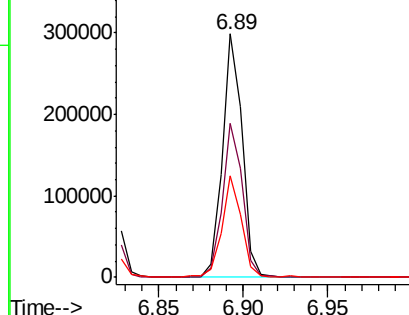
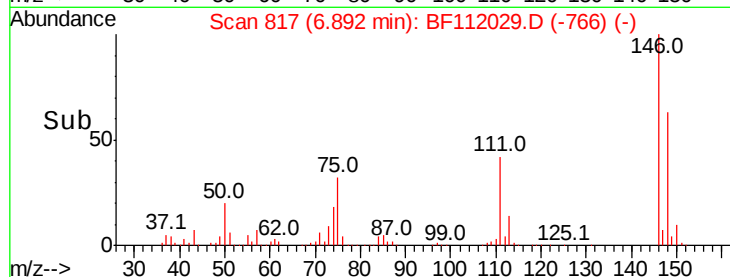
111 41.8 31.5 47.3



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: 35.651 ng

RT: 7.05 min Scan# 843

Delta R.T. -0.00 min

Lab File: BF112029.D

Acq: 11 Jan 2019 21:33

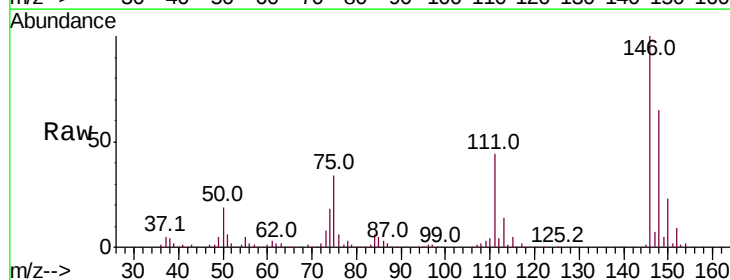
Tgt Ion:146 Resp: 231789

Ion Ratio Lower Upper

146 100

148 64.7 51.5 77.3

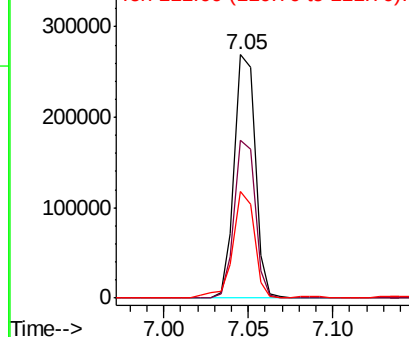
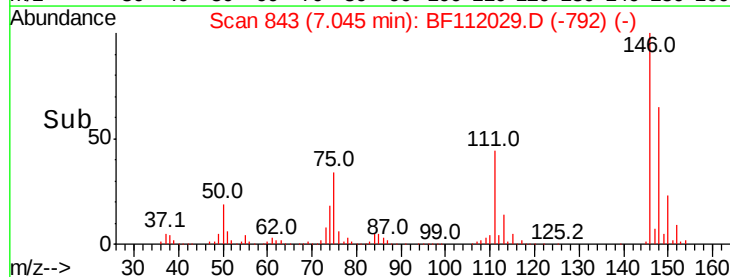
111 43.8 35.5 53.3

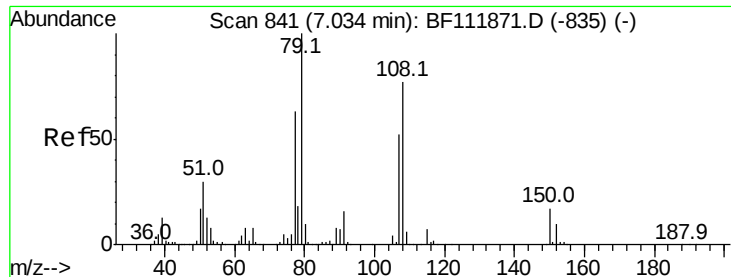


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 34.658 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.00 min

Lab File: BF112029.D

Acq: 11 Jan 2019 21:33

Instrument :

BNA_F

ClientSampleId :

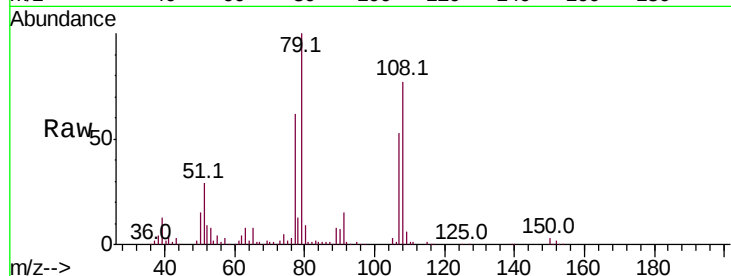
Tot Ion: 79 Resp: 184032

Ion Ratio Lower Upper

79 100

108 77.0 61.4 92.0

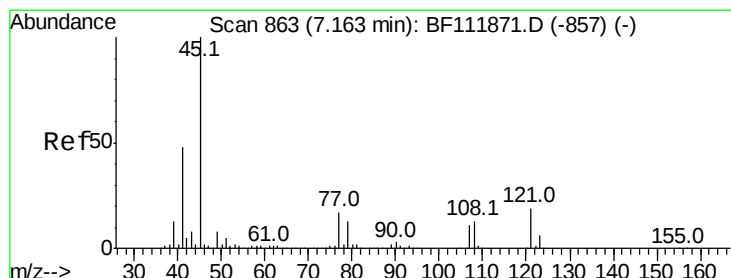
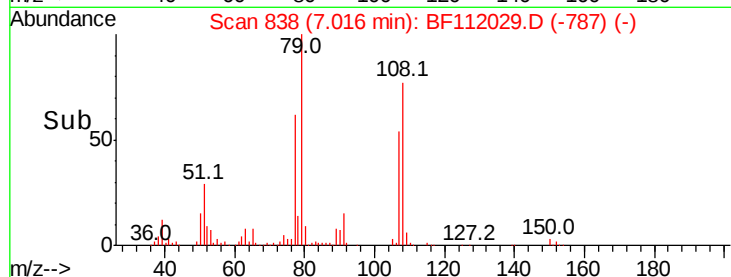
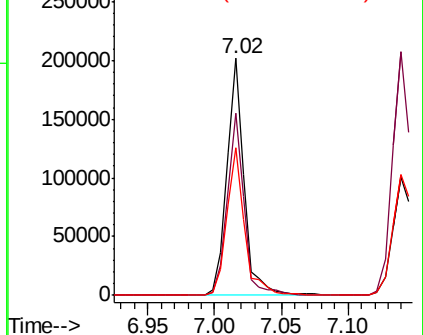
77 62.3 50.4 75.6



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 33.665 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.00 min

Lab File: BF112029.D

Acq: 11 Jan 2019 21:33

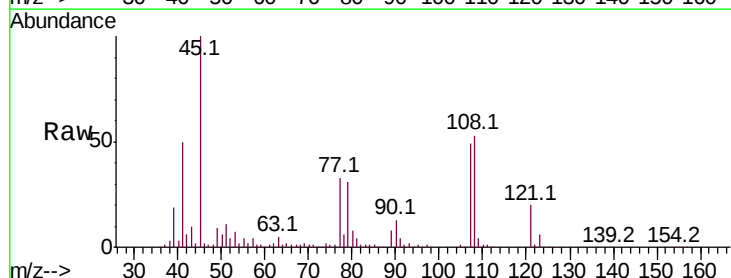
Tgt Ion: 45 Resp: 323885

Ion Ratio Lower Upper

45 100

77 32.6 0.0 37.1

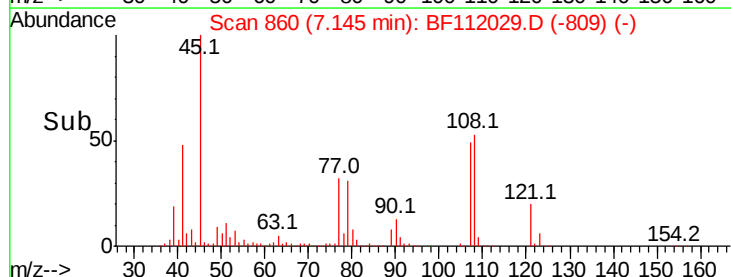
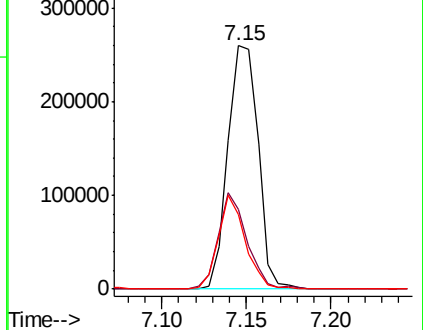
79 30.7 0.0 33.9

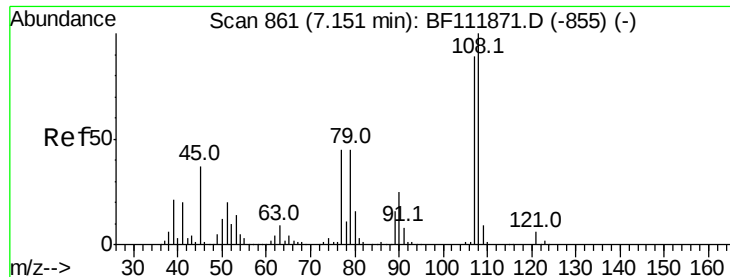


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

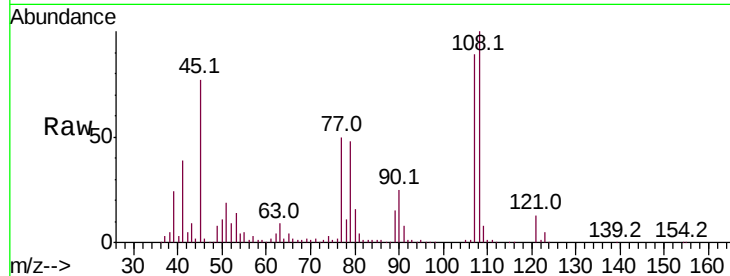




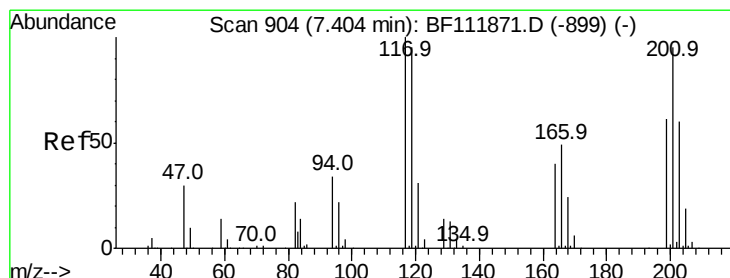
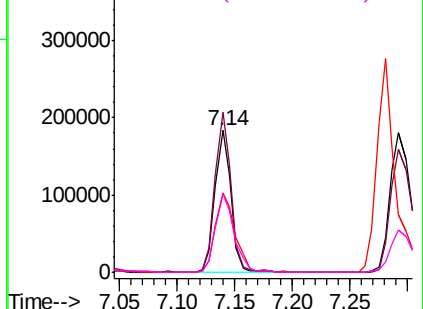
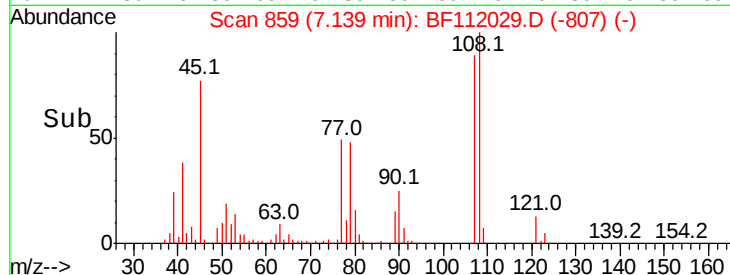
#17
2-Methylphenol
Concen: 38.273 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.01 min
Lab File: BF112029.D
Acq: 11 Jan 2019 21:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 177850
Ion Ratio Lower Upper
107 100
108 112.8 89.7 134.5
77 56.2 40.6 60.8
79 54.6 40.2 60.2

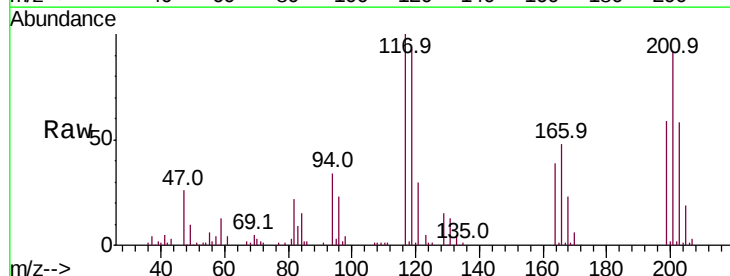


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

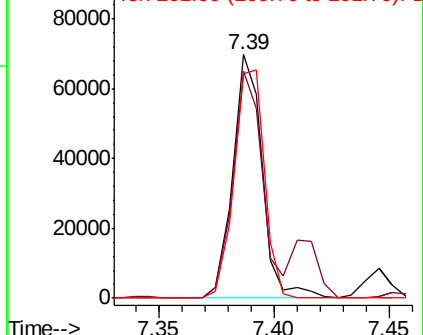
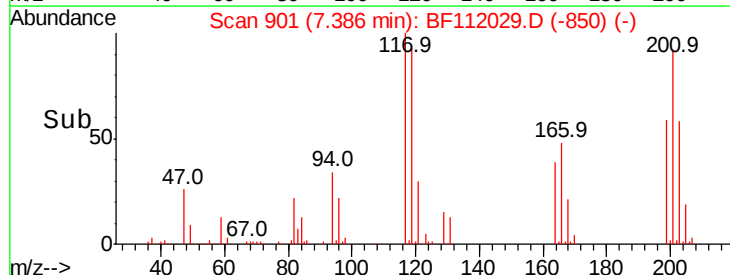


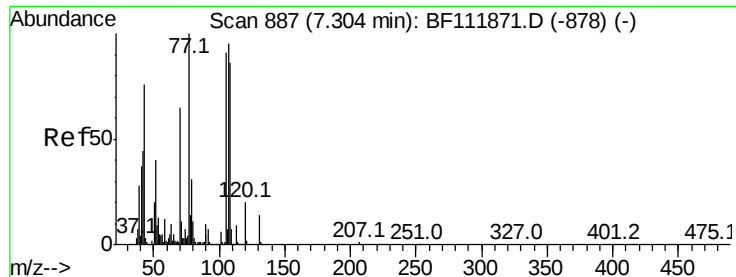
#18
Hexachloroethane
Concen: 26.062 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BF112029.D
Acq: 11 Jan 2019 21:33

Tgt Ion:117 Resp: 61891
Ion Ratio Lower Upper
117 100
119 93.2 76.2 114.2
201 91.9 75.7 113.5



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

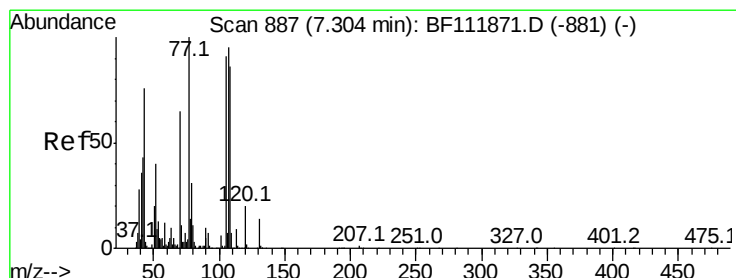
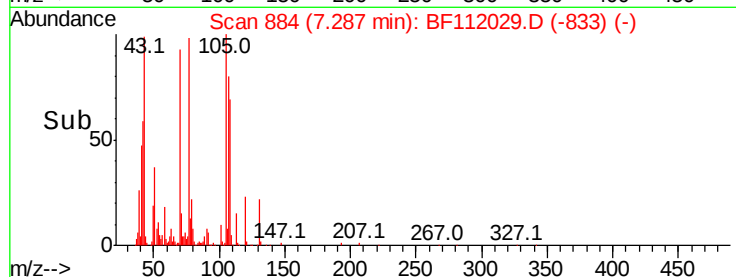
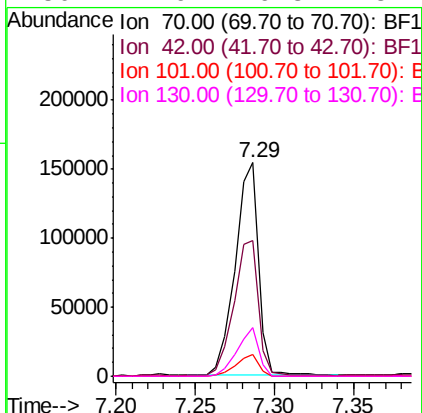
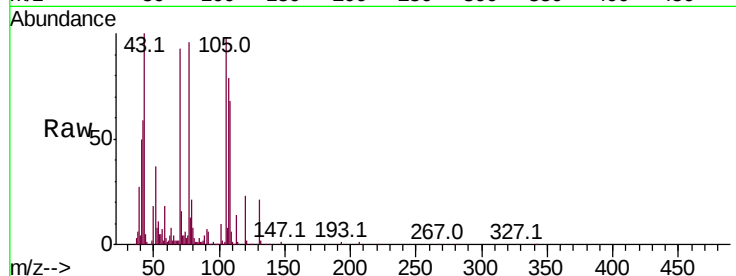




#19
n-Nitroso-di-n-propylamine
Concen: 36.007 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF112029.D
Acq: 11 Jan 2019 21:33

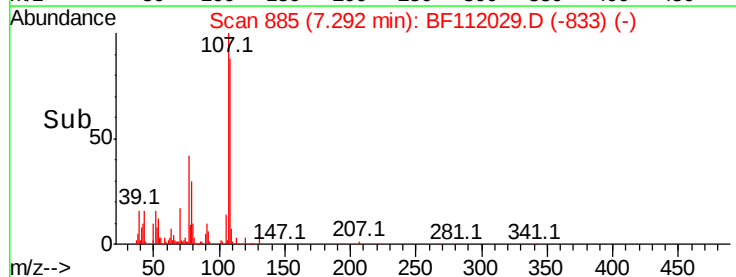
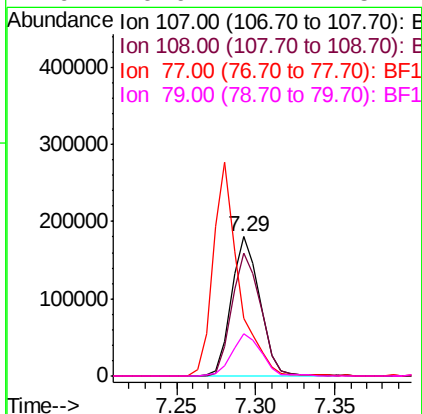
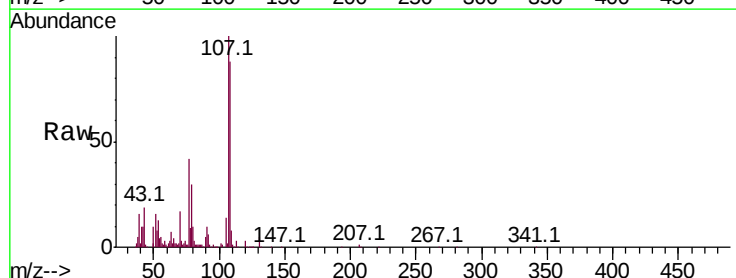
Instrument :
BNA_F
ClientSampleId :

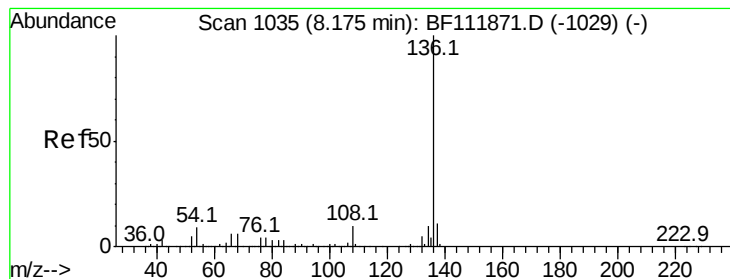
Tot Ion:	70	Resp:	157008
Ion	Ratio	Lower	Upper
70	100		
42	63.3	53.6	80.4
101	10.5	7.3	10.9
130	22.9	16.8	25.2



#20
3+4-Methylphenols
Concen: 38.650 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.01 min
Lab File: BF112029.D
Acq: 11 Jan 2019 21:33

Tgt Ion:	107	Resp:	223522
Ion	Ratio	Lower	Upper
107	100		
108	87.8	71.1	111.1
77	41.7	85.4	125.4#
79	29.9	12.4	52.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF112029.D

Acq: 11 Jan 2019 21:33

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 311047

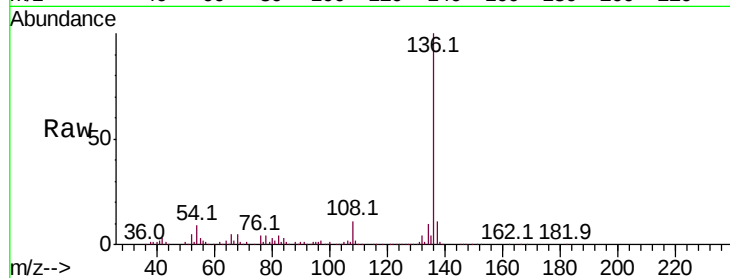
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 9.2 7.2 10.8

68 5.2 4.4 6.6

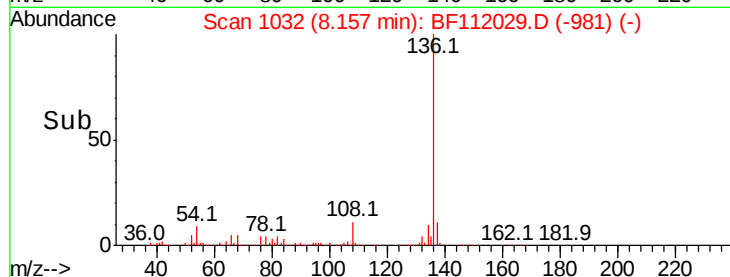


Abundance Ion 136.00 (135.70 to 136.70): E

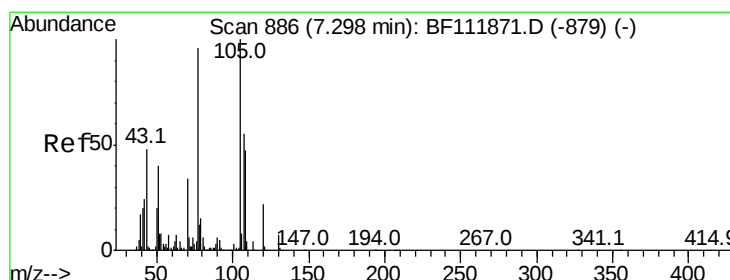
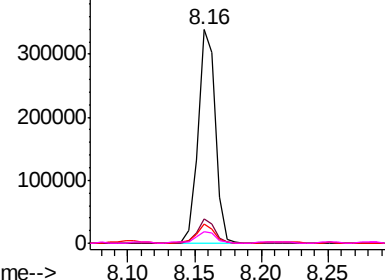
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 38.556 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.00 min

Lab File: BF112029.D

Acq: 11 Jan 2019 21:33

Tgt Ion:105 Resp: 303621

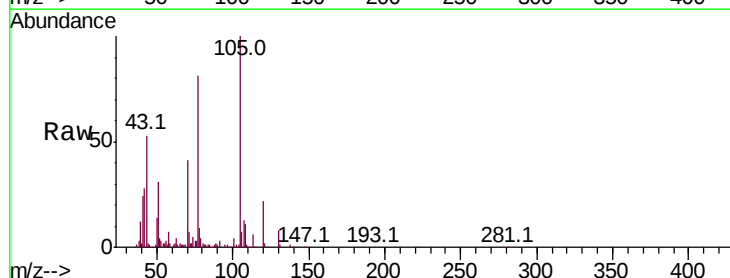
Ion Ratio Lower Upper

105 100

71 7.3 4.6 6.8#

51 31.5 32.2 48.2#

120 22.3 17.5 26.3

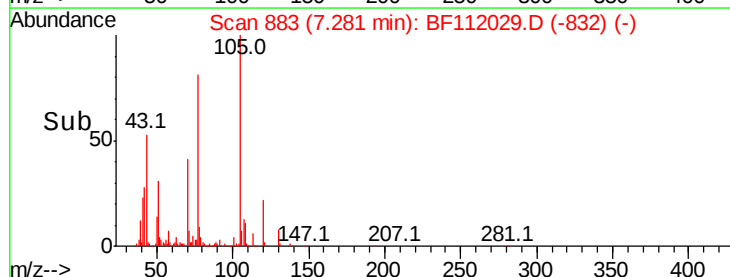


Abundance Ion 105.00 (104.70 to 105.70): E

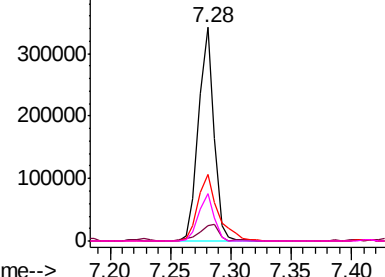
Ion 71.00 (70.70 to 71.70): BF1

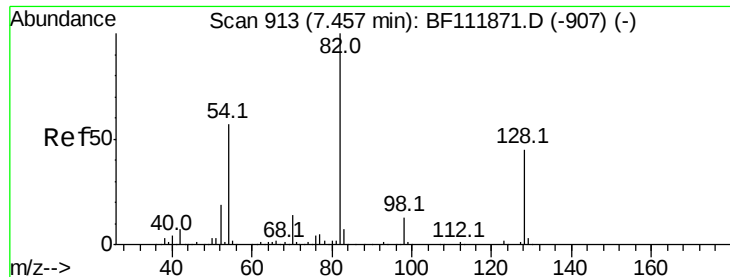
Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



Time-->

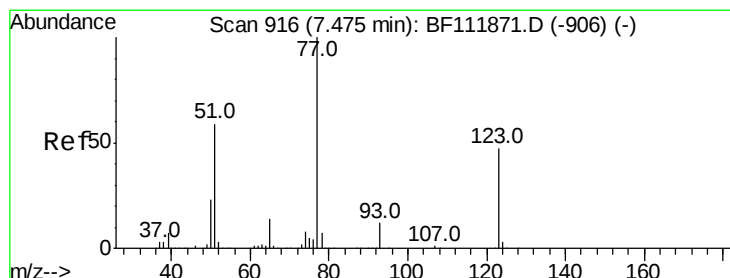
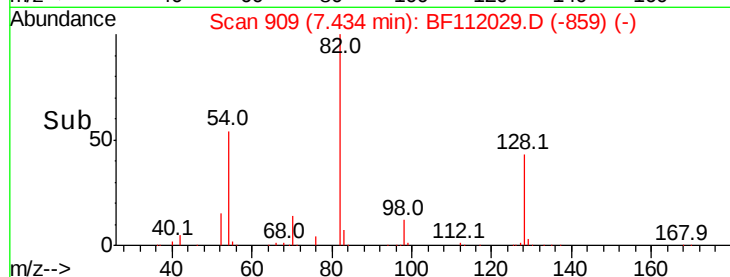
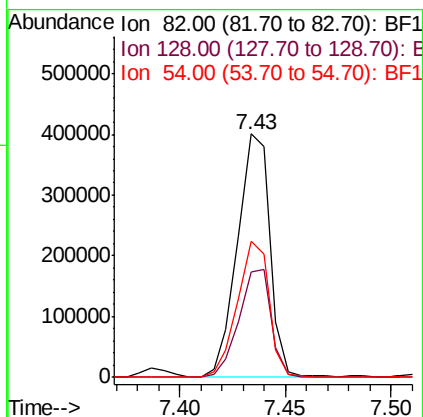
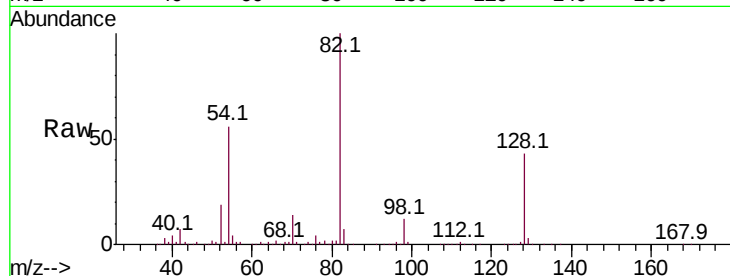




#23
 Nitrobenzene-d5
 Concen: 72.735 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF112029.D
 Acq: 11 Jan 2019 21:33

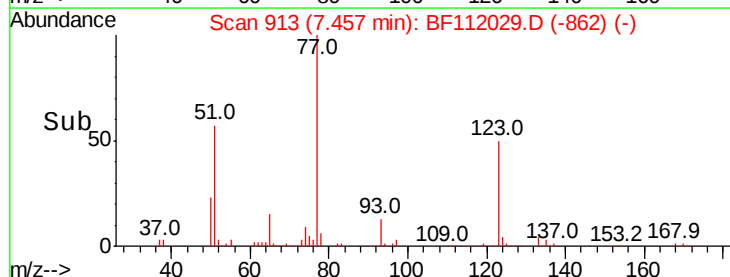
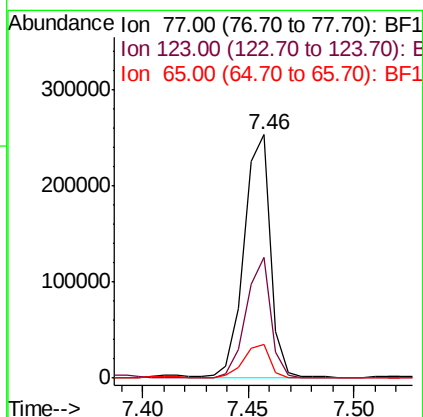
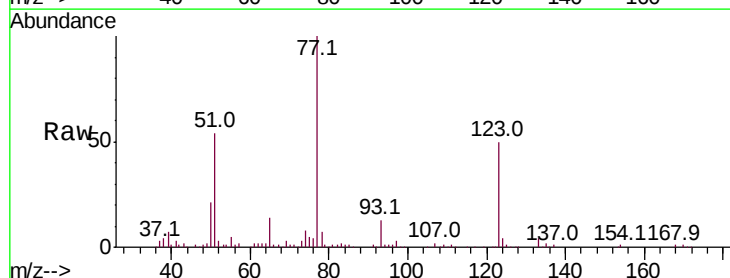
Instrument :
 BNA_F
 ClientSampleId :

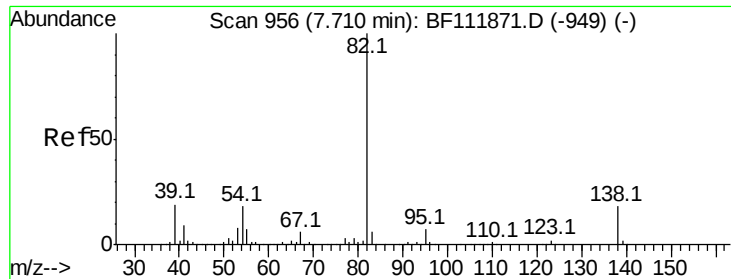
Tot Ion	Ratio	Lower	Upper
82	100		
128	43.1	35.7	53.5
54	55.8	45.8	68.8



#24
 Nitrobenzene
 Concen: 36.962 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.00 min
 Lab File: BF112029.D
 Acq: 11 Jan 2019 21:33

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.7	38.1	57.1
65	13.7	11.0	16.4





#25

Isophorone

Concen: 41.615 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.00 min

Lab File: BF112029.D

Acq: 11 Jan 2019 21:33

Instrument :

BNA_F

ClientSampleId :

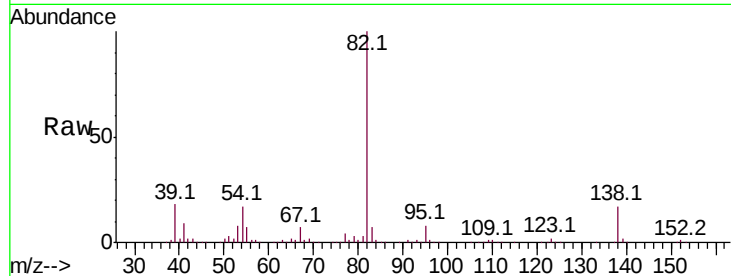
Tot Ion: 82 Resp: 392191

Ion Ratio Lower Upper

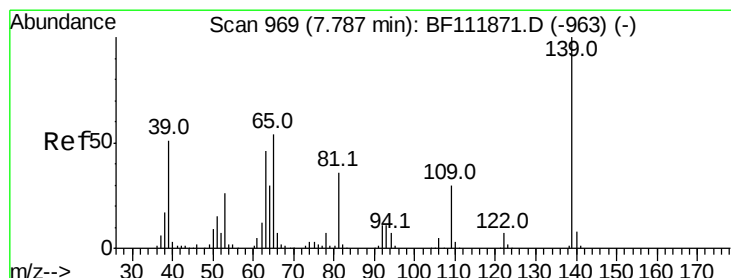
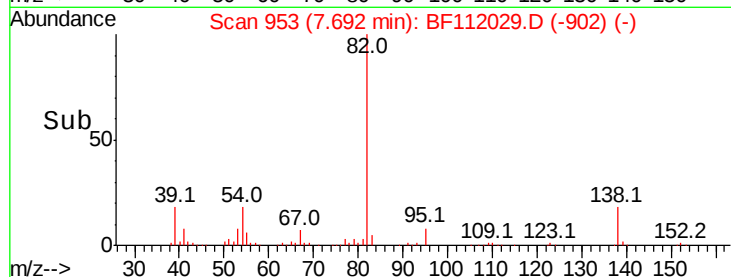
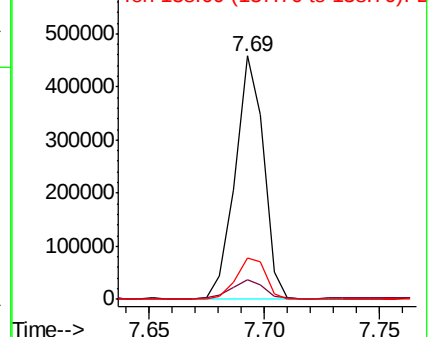
82 100

95 8.2 5.8 8.6

138 17.2 14.4 21.6



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: 31.312 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.00 min

Lab File: BF112029.D

Acq: 11 Jan 2019 21:33

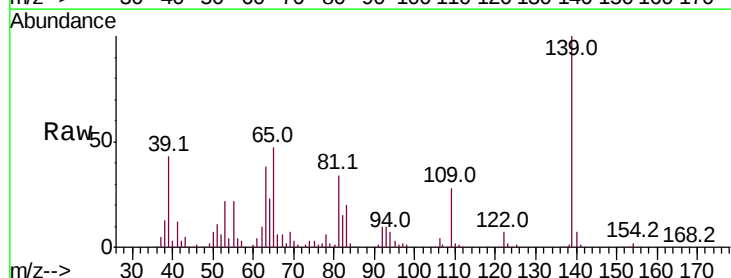
Tgt Ion: 139 Resp: 90767

Ion Ratio Lower Upper

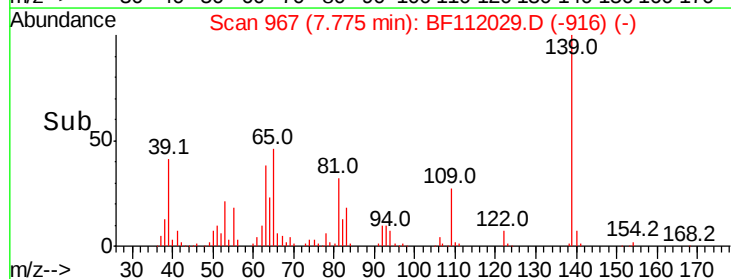
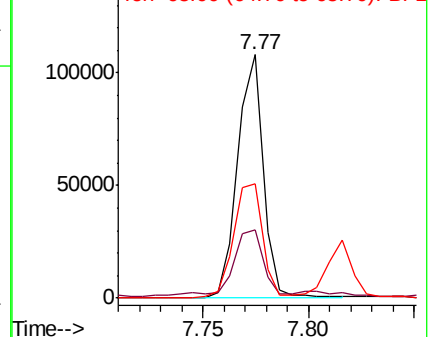
139 100

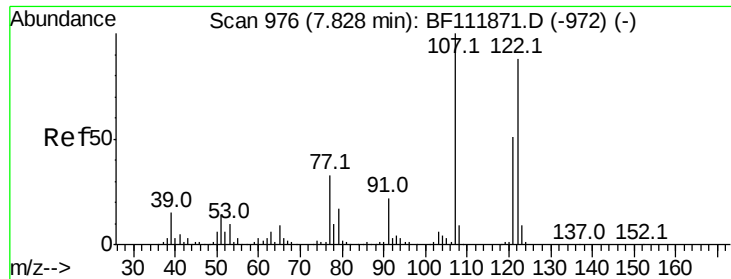
109 28.1 24.1 36.1

65 46.8 43.6 65.4



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

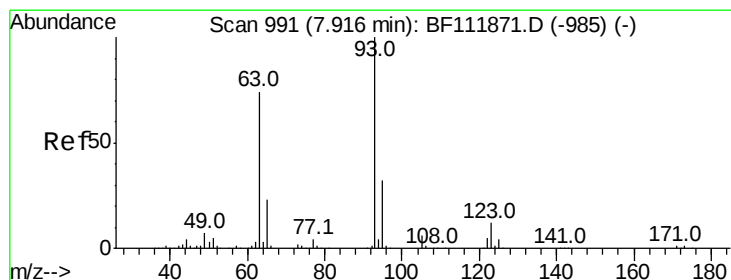
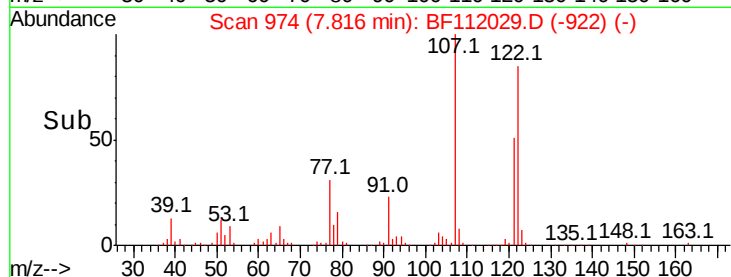
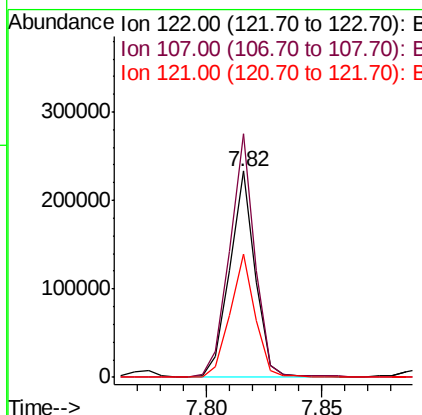
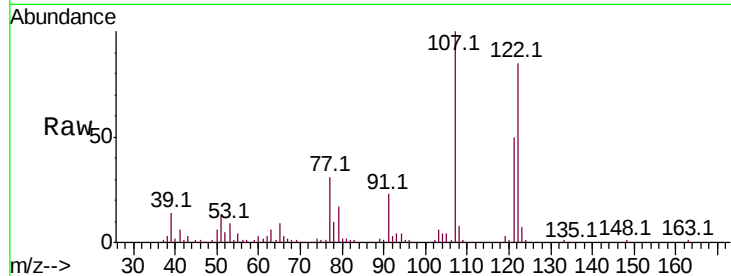




#27
2,4-Dimethylphenol
Concen: 42.830 ng
RT: 7.82 min Scan# 974
Delta R.T. 0.01 min
Lab File: BF112029.D
Acq: 11 Jan 2019 21:33

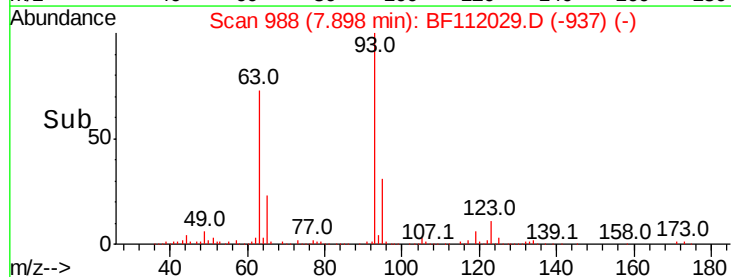
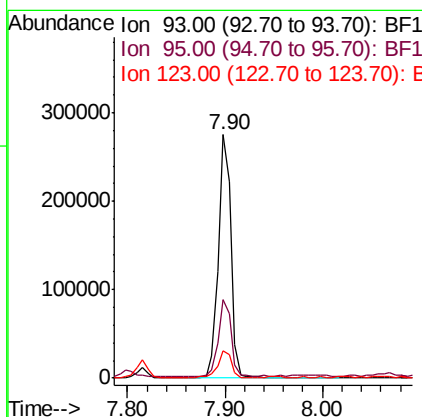
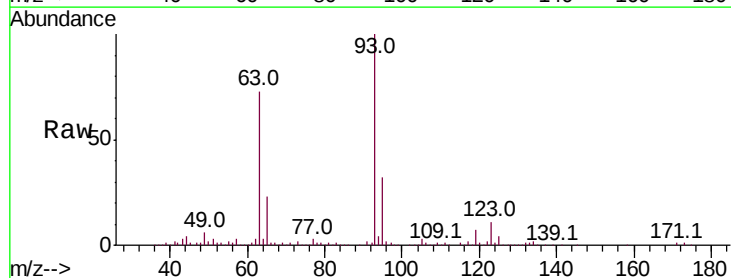
Instrument :
BNA_F
ClientSampleId :

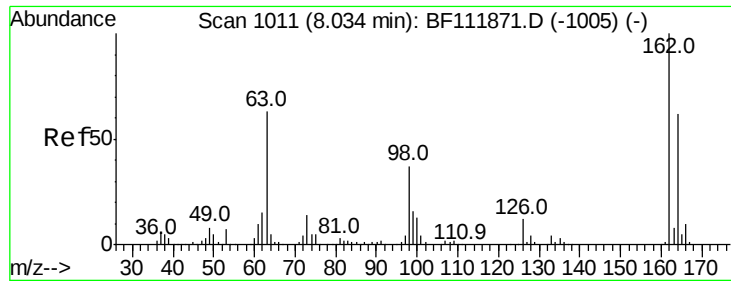
Tot Ion:122 Resp: 179515
Ion Ratio Lower Upper
122 100
107 118.1 91.0 136.6
121 59.6 46.8 70.2



#28
bis(2-Chloroethoxy)methane
Concen: 39.226 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.00 min
Lab File: BF112029.D
Acq: 11 Jan 2019 21:33

Tgt Ion: 93 Resp: 246755
Ion Ratio Lower Upper
93 100
95 32.2 25.8 38.6
123 11.3 9.5 14.3

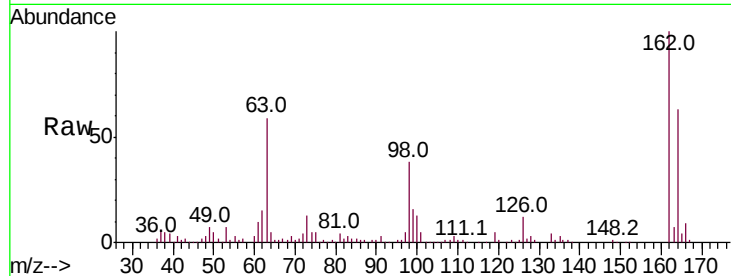




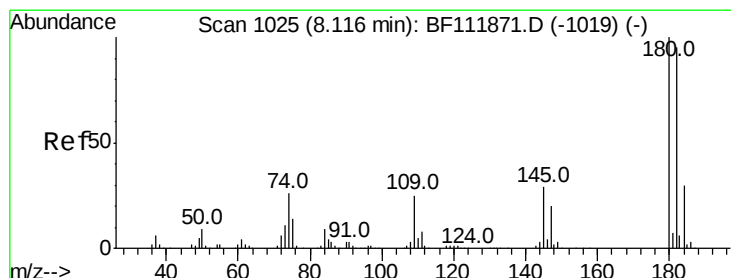
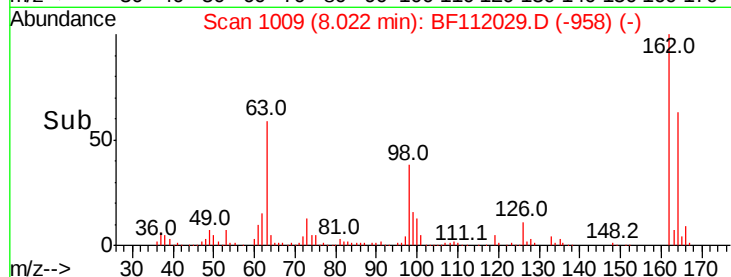
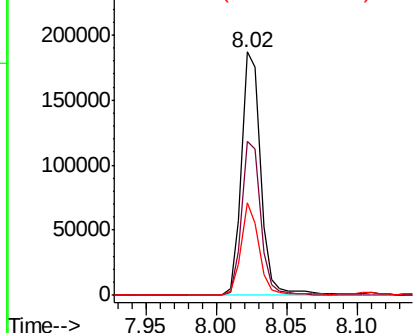
#29
 2,4-Dichlorophenol
 Concen: 37.503 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BF112029.D
 Acq: 11 Jan 2019 21:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 180752
 Ion Ratio Lower Upper
 162 100
 164 63.1 42.1 82.1
 98 37.9 17.2 57.2

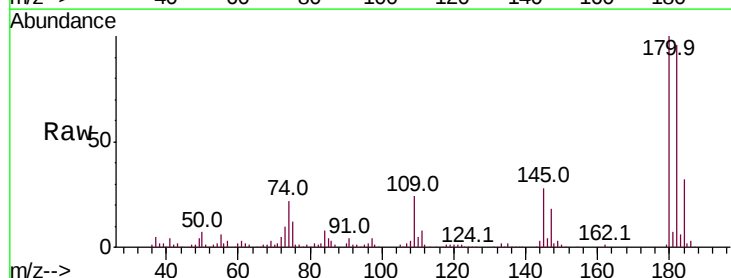


Abundance Ion 162.00 (161.70 to 162.70): E
 250000 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

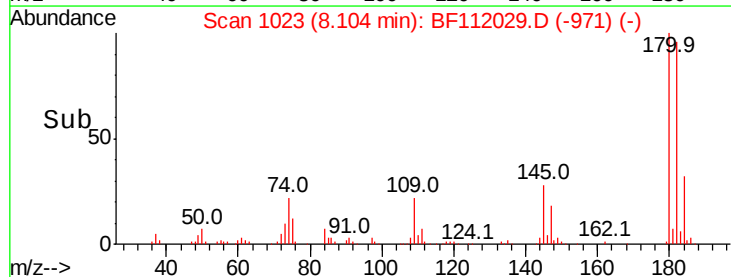
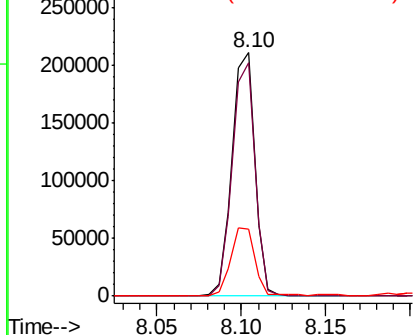


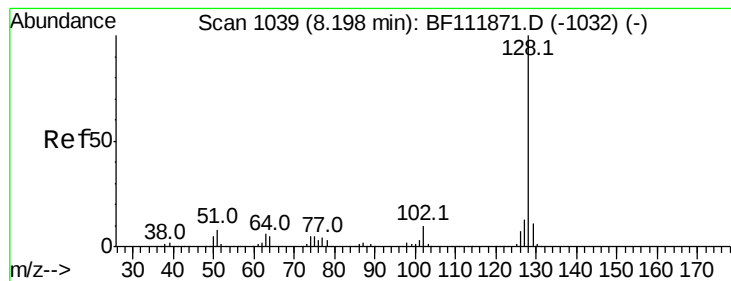
#30
 1,2,4-Trichlorobenzene
 Concen: 37.396 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. 0.01 min
 Lab File: BF112029.D
 Acq: 11 Jan 2019 21:33

Tgt Ion:180 Resp: 198831
 Ion Ratio Lower Upper
 180 100
 182 95.9 76.2 114.4
 145 27.6 23.4 35.2



Abundance Ion 180.00 (179.70 to 180.70): E
 250000 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.471 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BF112029.D

Acq: 11 Jan 2019 21:33

Instrument :

BNA_F

ClientSampleId :

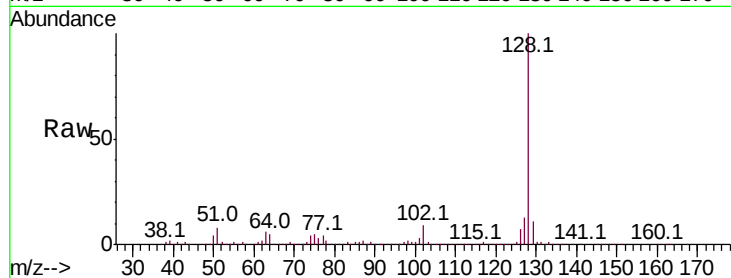
Tot Ion:128 Resp: 597572

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.4

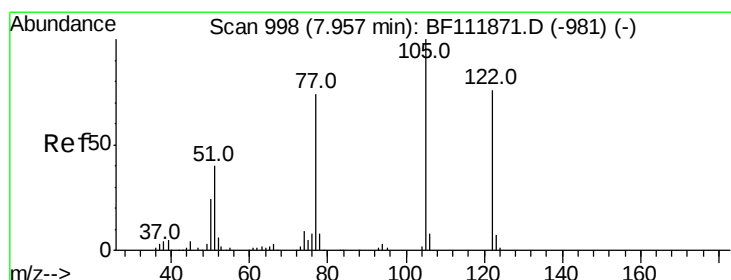
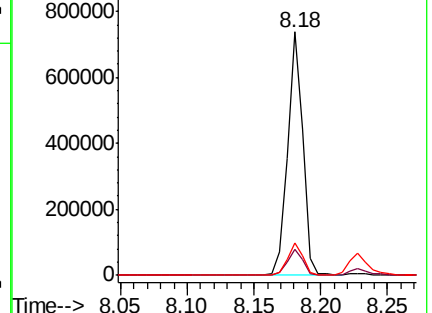
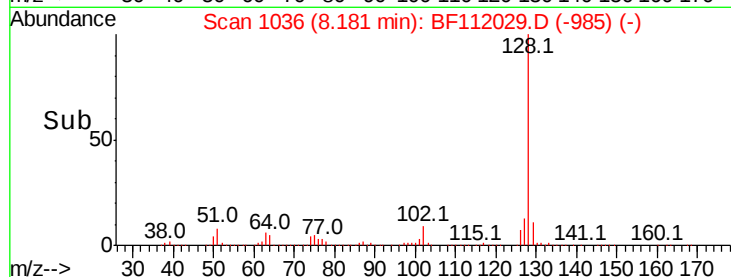
127 13.4 10.7 16.1



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: 3.092 ng

RT: 7.89 min Scan# 987

Delta R.T. -0.05 min

Lab File: BF112029.D

Acq: 11 Jan 2019 21:33

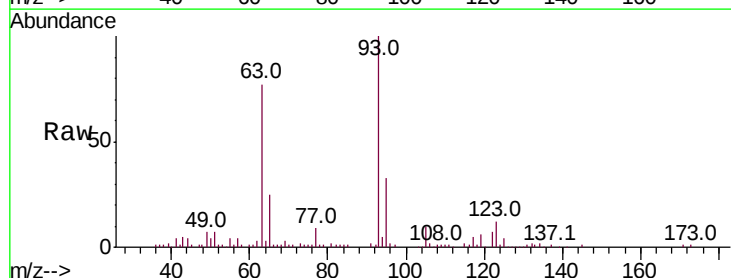
Tgt Ion:122 Resp: 8411

Ion Ratio Lower Upper

122 100

105 138.0 107.9 147.9

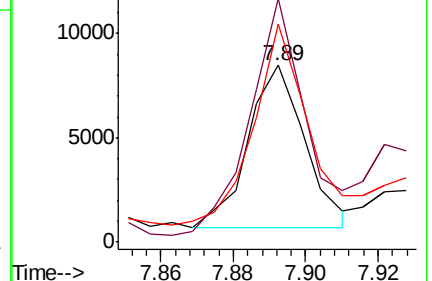
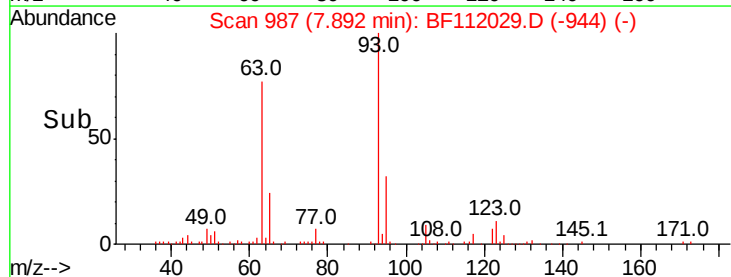
77 123.8 76.6 116.6#

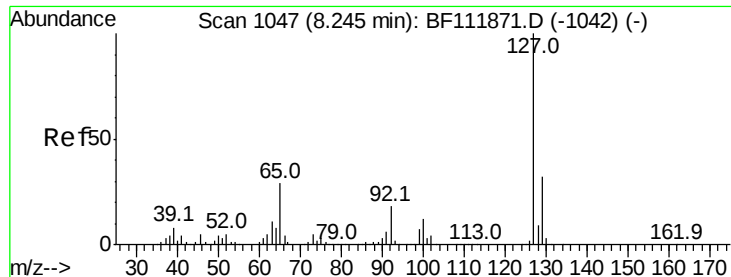


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

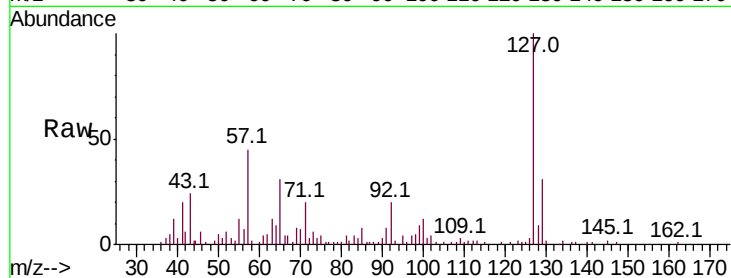




#33
4-Chloroaniline
Concen: 10.839 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF112029.D
Acq: 11 Jan 2019 21:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	69182
Ion	Ratio	Lower	Upper
127	100		
129	31.0	25.8	38.6
65	31.2	23.5	35.3
92	20.3	14.2	21.2



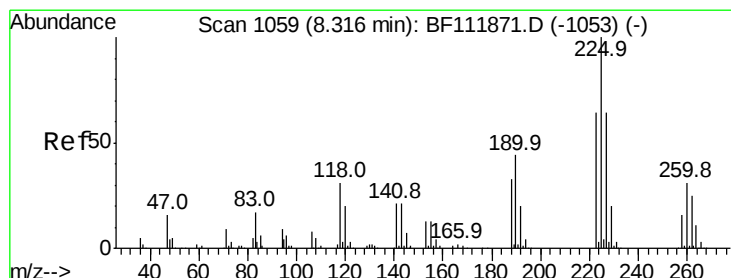
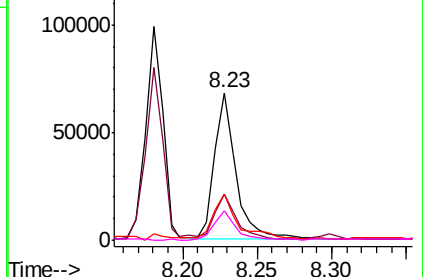
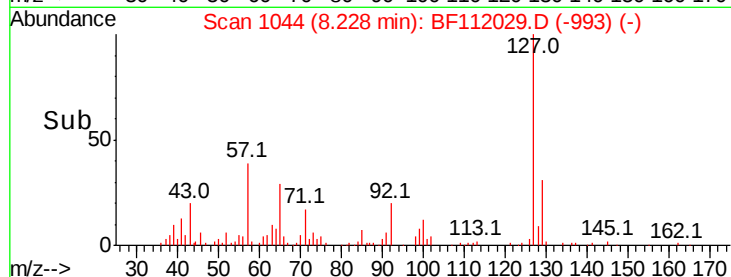
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

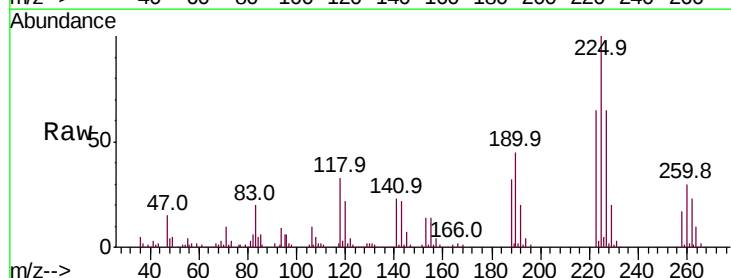
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 35.615 ng
RT: 8.30 min Scan# 1056
Delta R.T. -0.00 min
Lab File: BF112029.D
Acq: 11 Jan 2019 21:33

Tgt Ion:	225	Resp:	117885
Ion	Ratio	Lower	Upper
225	100		
223	64.9	50.9	76.3
227	64.9	51.4	77.0

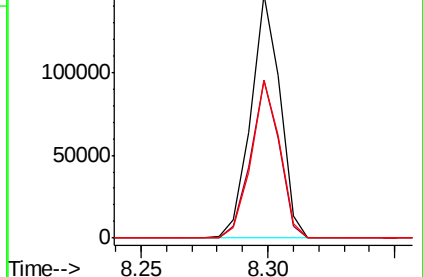
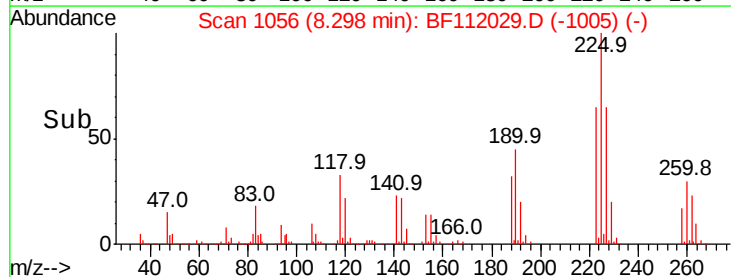


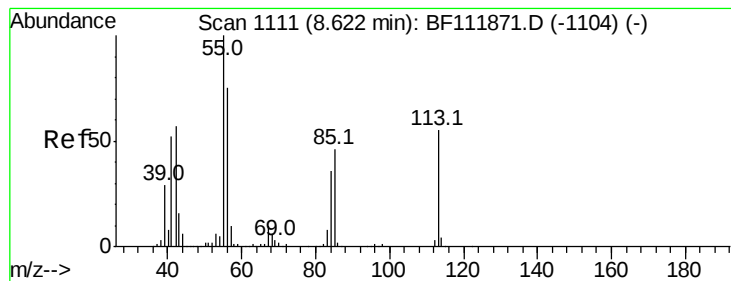
Abundance

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: 5.655 ng

RT: 8.60 min Scan# 1108

Delta R.T. -0.00 min

Lab File: BF112029.D

Acq: 11 Jan 2019 21:33

Instrument :

BNA_F

ClientSampleId :

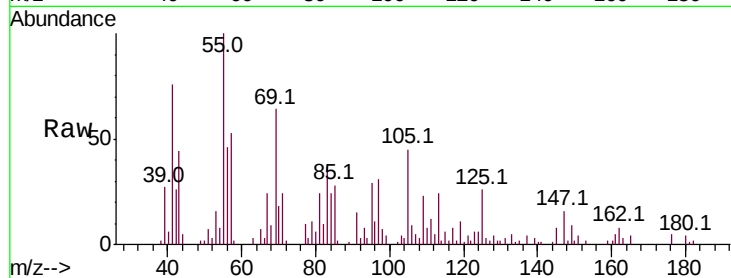
Tot Ion:113 Resp: 8904

Ion Ratio Lower Upper

113 100

55 411.9 162.0 202.0#

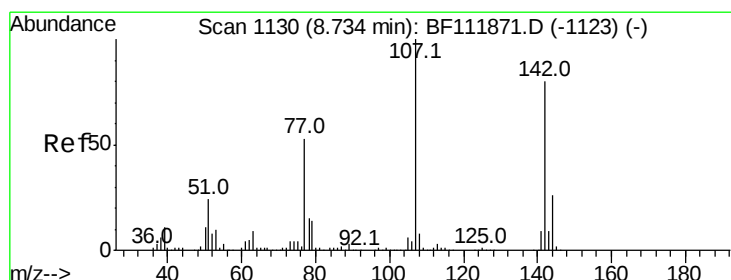
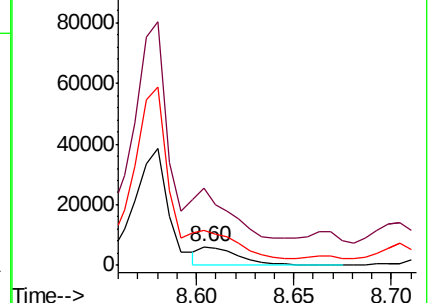
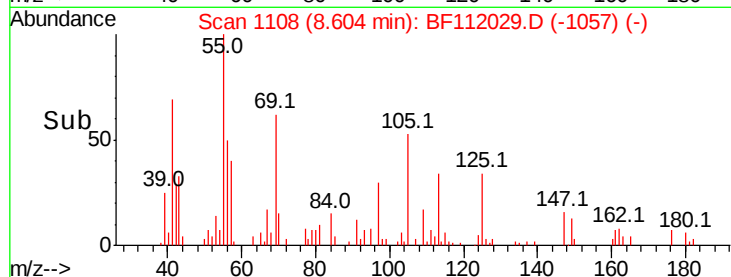
56 190.0 116.0 156.0#



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: 34.986 ng

RT: 8.72 min Scan# 1128

Delta R.T. 0.01 min

Lab File: BF112029.D

Acq: 11 Jan 2019 21:33

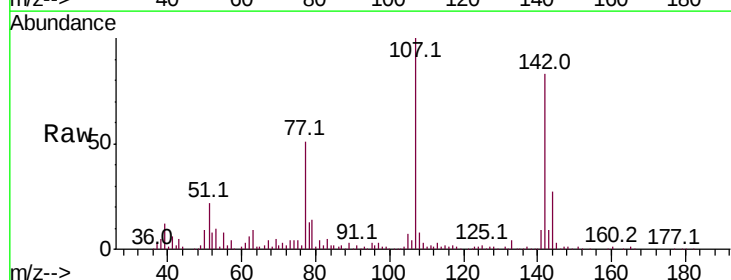
Tgt Ion:107 Resp: 167652

Ion Ratio Lower Upper

107 100

144 26.8 20.7 31.1

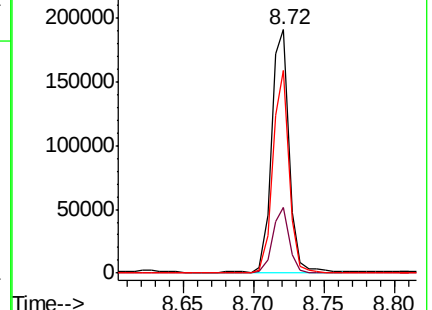
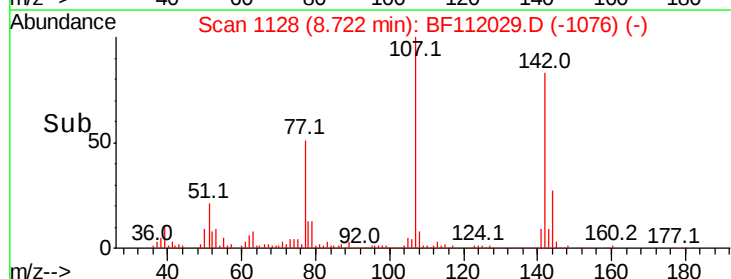
142 83.2 63.9 95.9

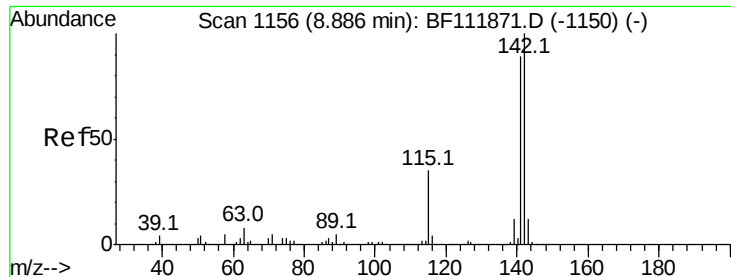


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.092 ng

RT: 8.87 min Scan# 1154

Delta R.T. 0.01 min

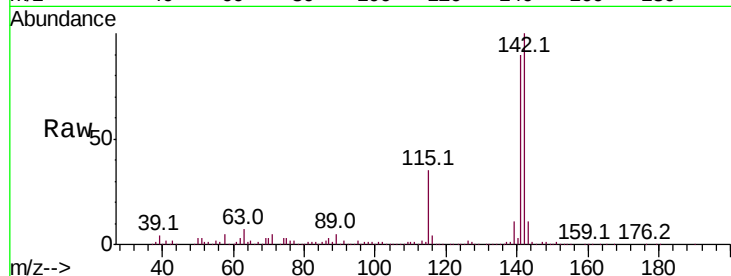
Lab File: BF112029.D

Acq: 11 Jan 2019 21:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 385111

Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.4	107.2
115	35.3	28.3	42.5

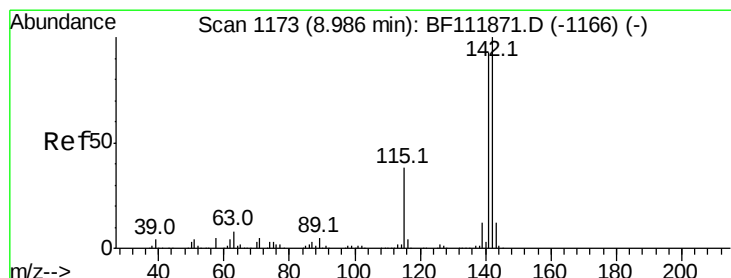
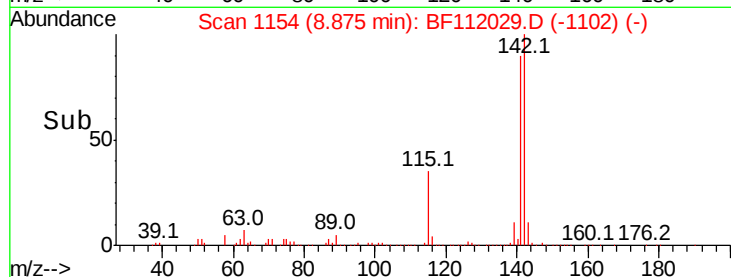
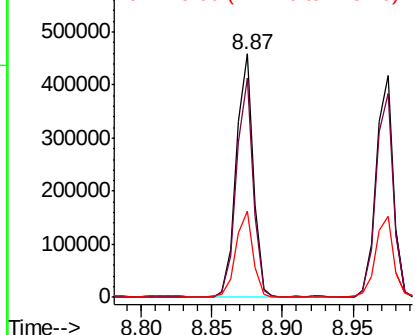


Abundance

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: 40.318 ng

RT: 8.97 min Scan# 1171

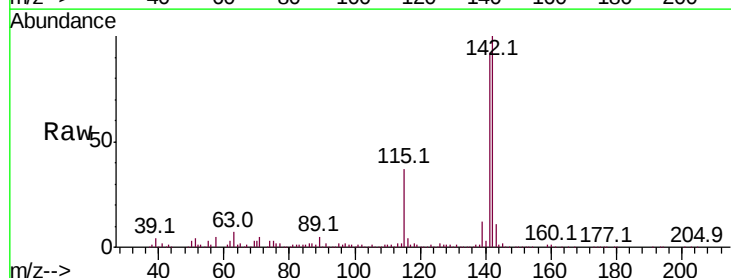
Delta R.T. 0.01 min

Lab File: BF112029.D

Acq: 11 Jan 2019 21:33

Tgt Ion:142 Resp: 353813

Ion	Ratio	Lower	Upper
142	100		
141	92.0	74.8	112.2
116	3.7	3.1	4.7

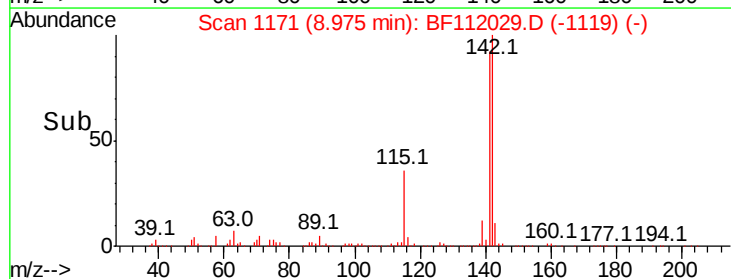
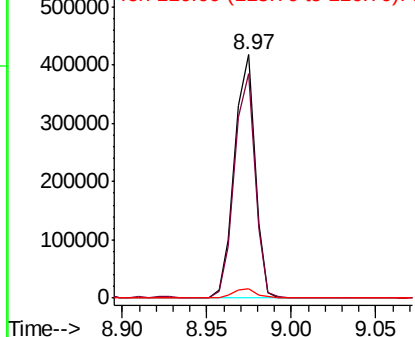


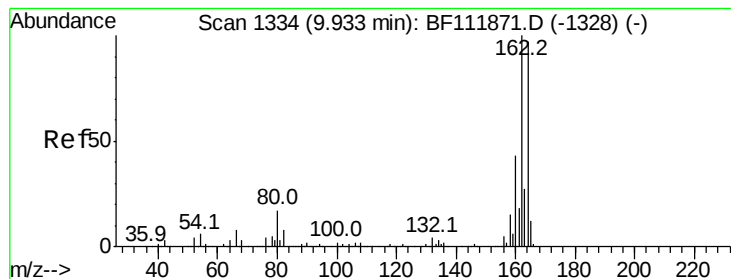
Abundance

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: 9.92 min Scan# 1331

Delta R.T. -0.00 min

Lab File: BF112029.D

Acq: 11 Jan 2019 21:33

Instrument :

BNA_F

ClientSampleId :

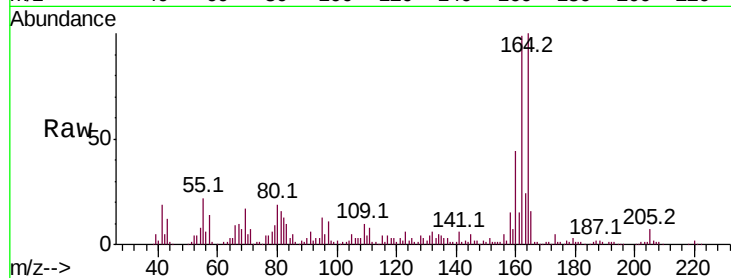
Tot Ion:164 Resp: 138031

Ion Ratio Lower Upper

164 100

162 99.0 82.2 123.2

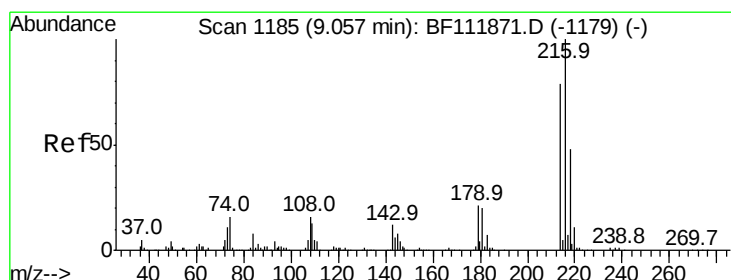
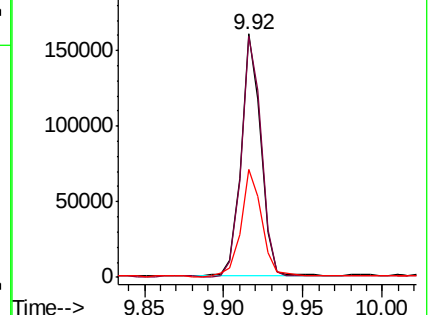
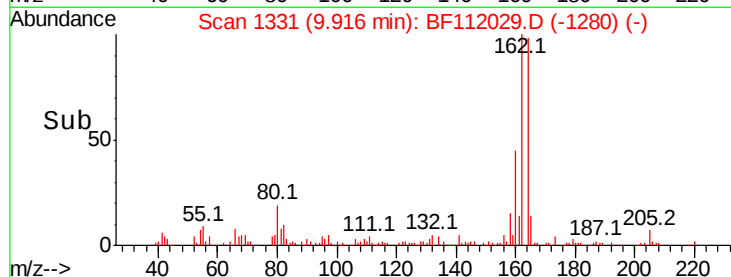
160 44.5 35.5 53.3



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: 40.461 ng

RT: 9.04 min Scan# 1182

Delta R.T. -0.00 min

Lab File: BF112029.D

Acq: 11 Jan 2019 21:33

Tgt Ion:216 Resp: 178046

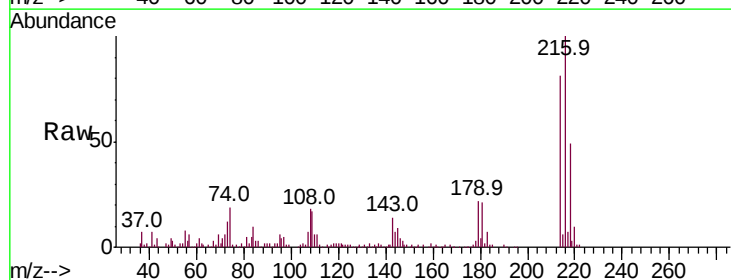
Ion Ratio Lower Upper

216 100

214 78.8 63.5 95.3

179 21.0 17.0 25.6

108 16.2 14.6 22.0

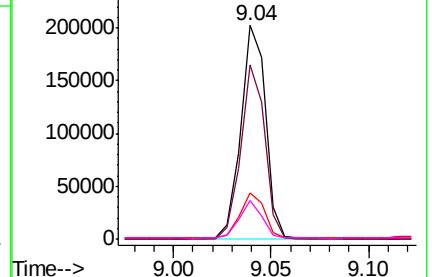
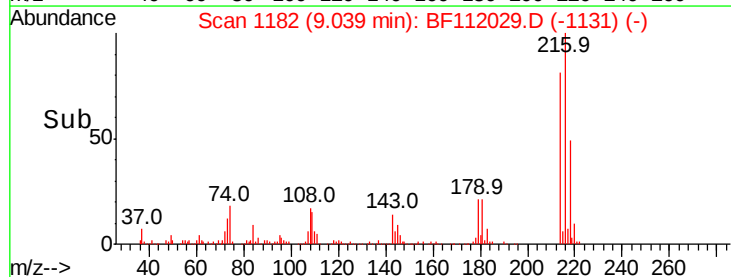


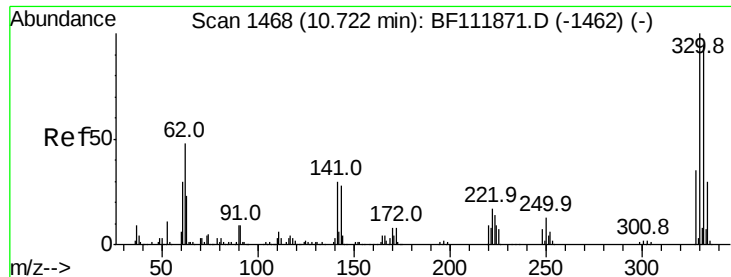
Abundance Ion 216.00 (215.70 to 216.70): E

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





#42

2,4,6-Tribromophenol

Concen: 102.874 ng

RT: 10.71 min Scan# 1466

Delta R.T. 0.01 min

Lab File: BF112029.D

Acq: 11 Jan 2019 21:33

Instrument :

BNA_F

ClientSampled :

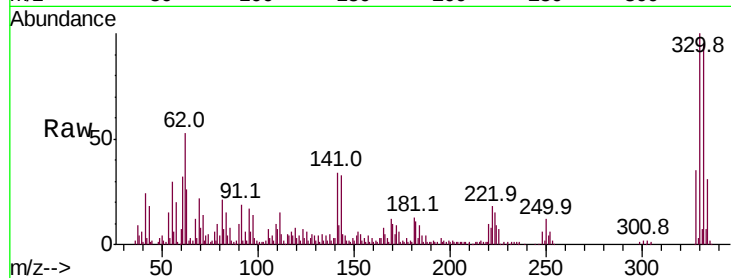
Tot Ion:330 Resp: 184696

Ion Ratio Lower Upper

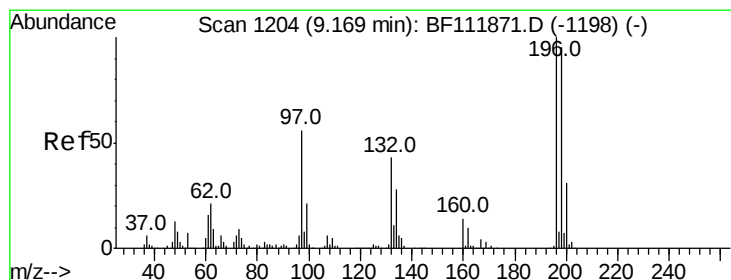
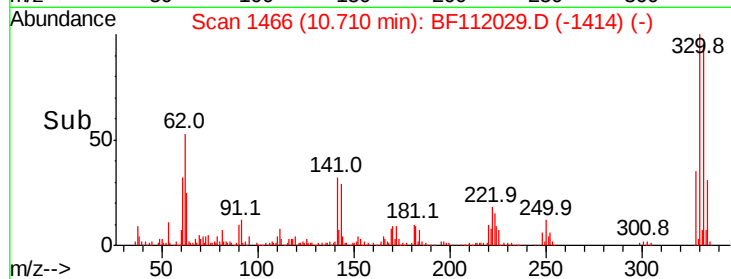
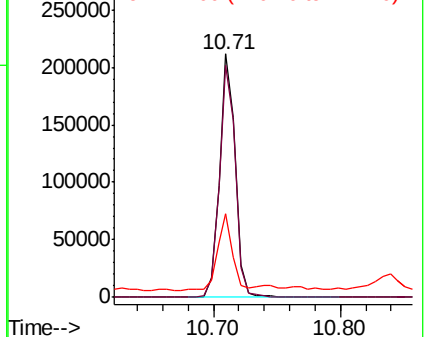
330 100

332 97.2 76.9 115.3

141 29.8 23.7 35.5



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: 38.269 ng

RT: 9.16 min Scan# 1202

Delta R.T. 0.01 min

Lab File: BF112029.D

Acq: 11 Jan 2019 21:33

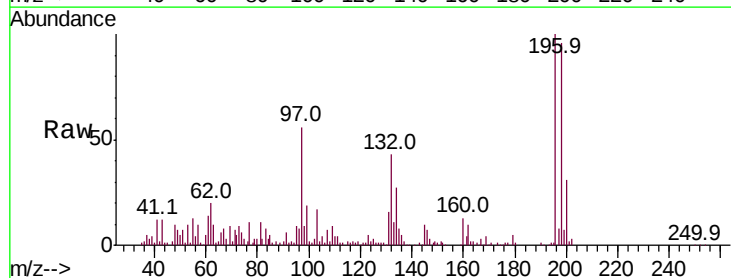
Tgt Ion:196 Resp: 114223

Ion Ratio Lower Upper

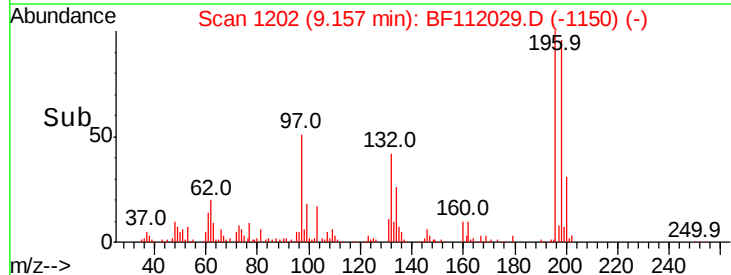
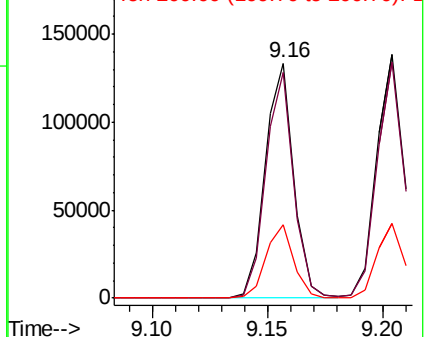
196 100

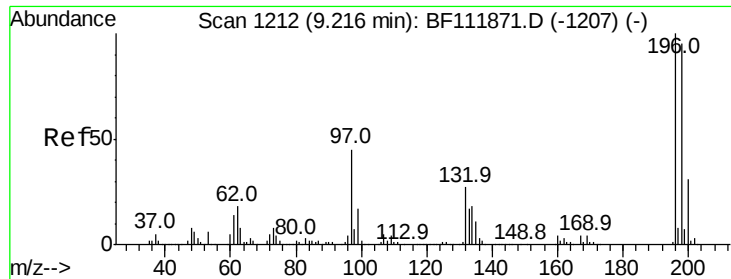
198 96.2 75.8 113.8

200 31.0 24.5 36.7



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

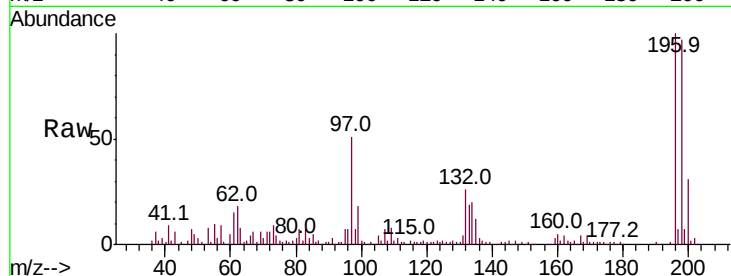




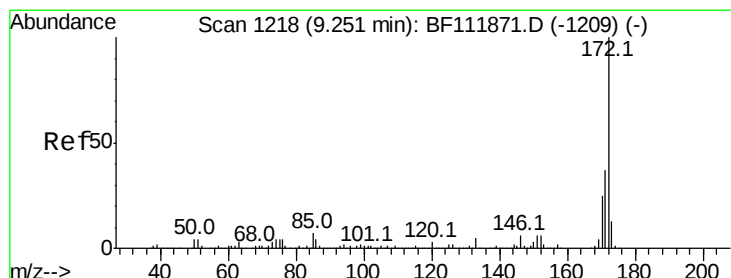
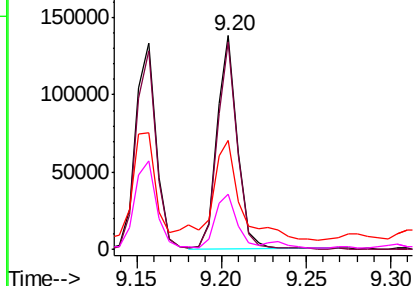
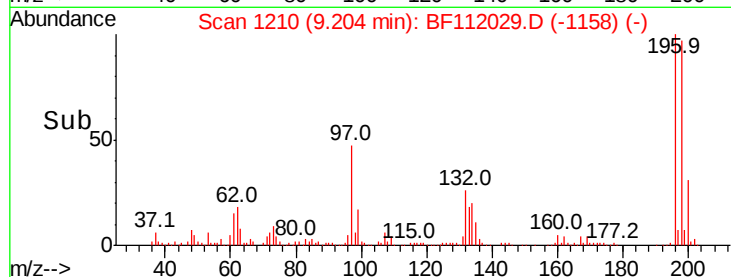
#44
 2,4,5-Trichlorophenol
 Concen: 37.300 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. 0.01 min
 Lab File: BF112029.D
 Acq: 11 Jan 2019 21:33

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 116641
 Ion Ratio Lower Upper
 196 100
 198 96.9 76.2 114.2
 97 50.8 36.4 54.6
 132 25.5 21.7 32.5

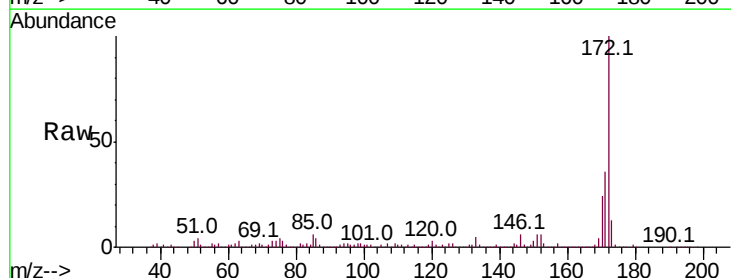


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

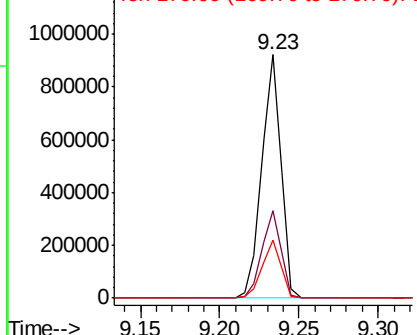
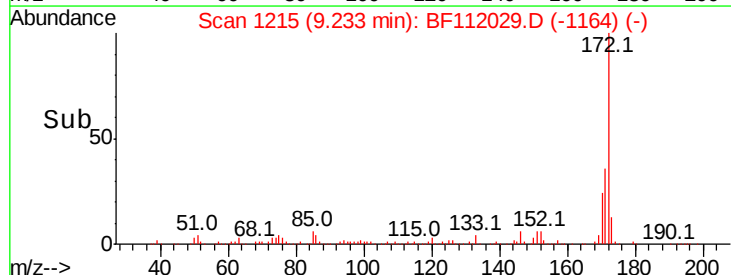


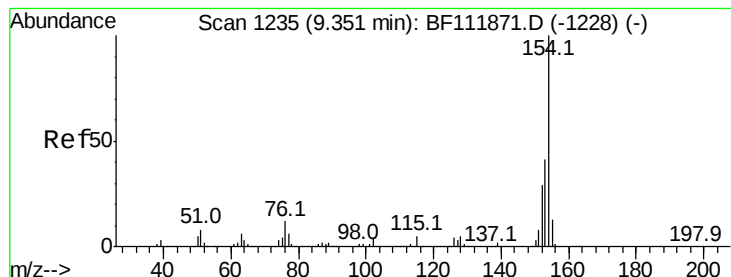
#45
 2-Fluorobiphenyl
 Concen: 83.056 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.00 min
 Lab File: BF112029.D
 Acq: 11 Jan 2019 21:33

Tgt Ion:172 Resp: 786191
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.6 44.4
 170 23.9 19.8 29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#46

1,1'-Biphenyl

Concen: 38.945 ng

RT: 9.33 min Scan# 1232

Delta R.T. -0.00 min

Lab File: BF112029.D

Acq: 11 Jan 2019 21:33

Instrument :

BNA_F

ClientSampleId :

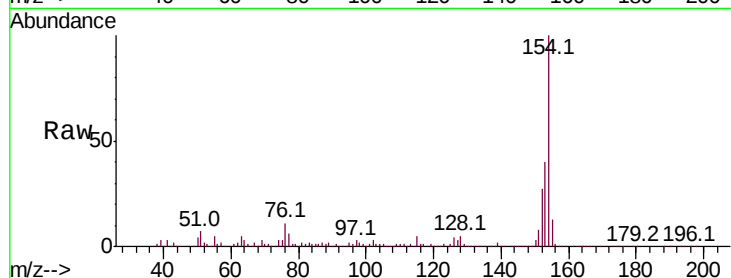
Tot Ion:154 Resp: 449667

Ion Ratio Lower Upper

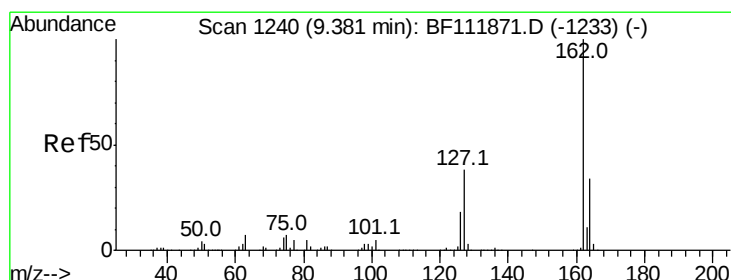
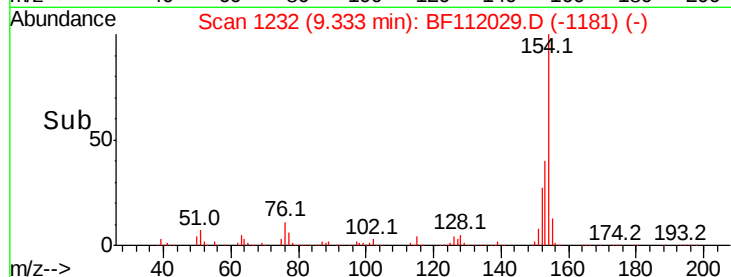
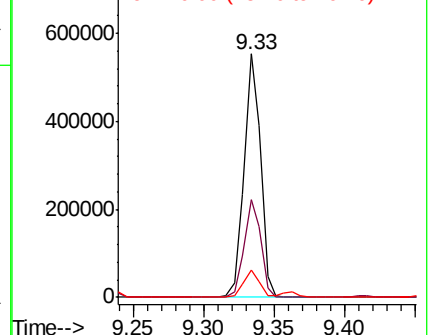
154 100

153 40.4 21.3 61.3

76 11.4 0.0 32.3



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1



#47

2-Chloronaphthalene

Concen: 37.543 ng

RT: 9.36 min Scan# 1237

Delta R.T. -0.00 min

Lab File: BF112029.D

Acq: 11 Jan 2019 21:33

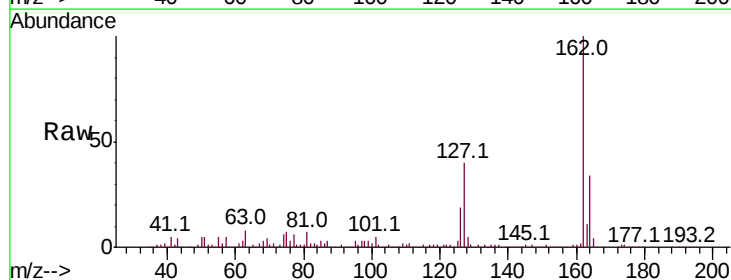
Tgt Ion:162 Resp: 340201

Ion Ratio Lower Upper

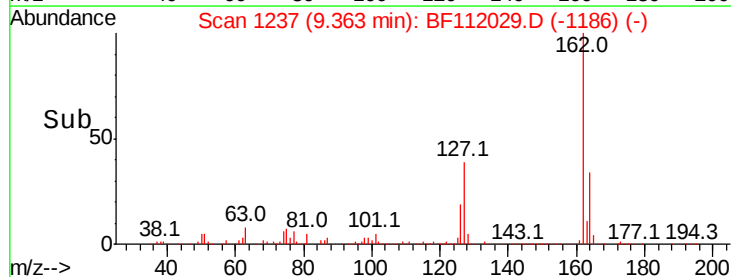
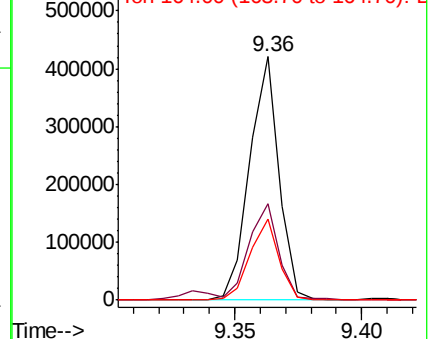
162 100

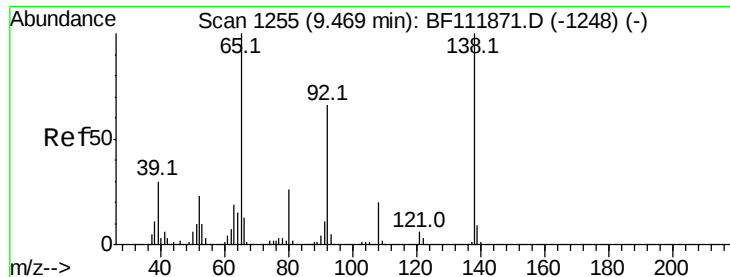
127 39.5 31.2 46.8

164 33.6 27.0 40.6



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

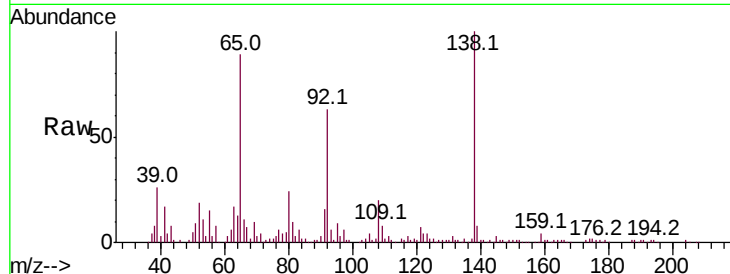




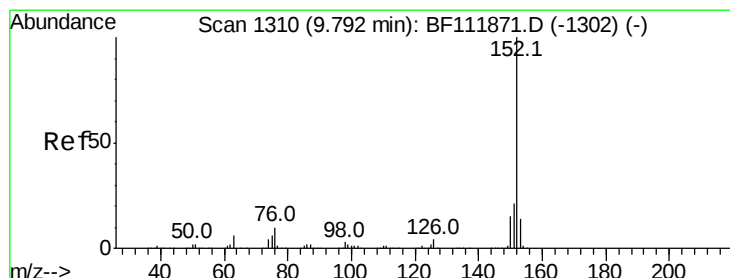
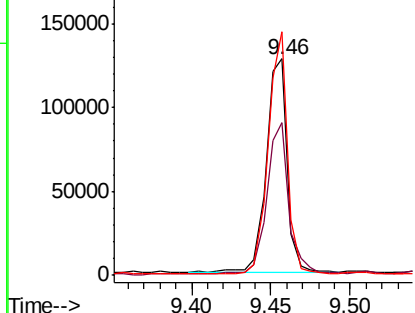
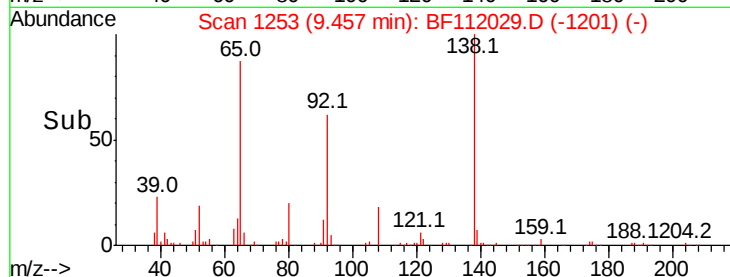
#48
2-Nitroaniline
Concen: 42.555 ng
RT: 9.46 min Scan# 1253
Delta R.T. 0.01 min
Lab File: BF112029.D
Acq: 11 Jan 2019 21:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 117898
Ion Ratio Lower Upper
65 100
92 70.5 52.5 78.7
138 112.5 79.8 119.6

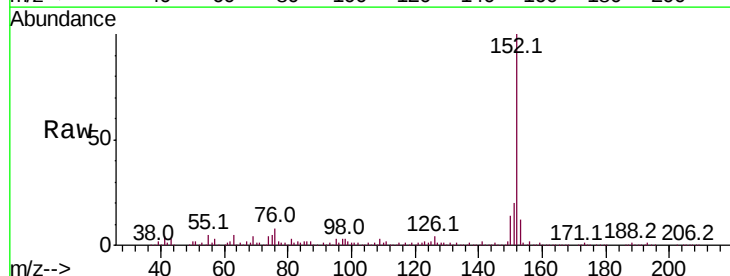


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

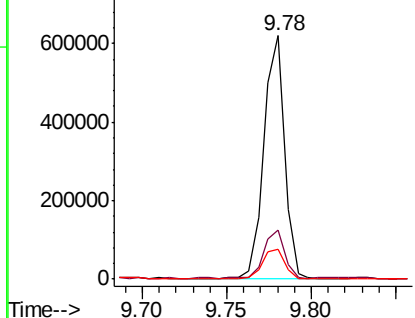
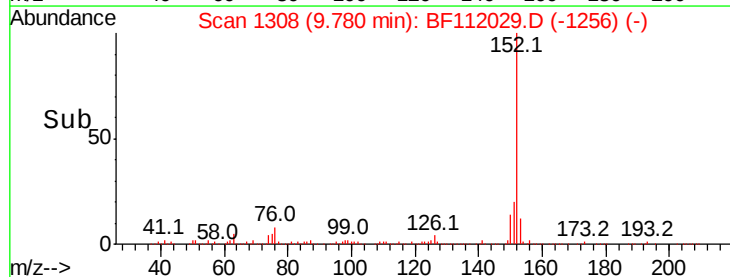


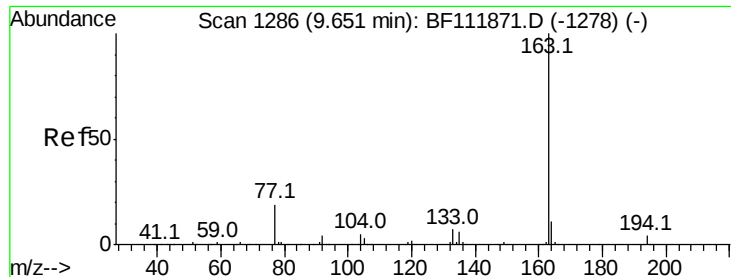
#49
Acenaphthylene
Concen: 39.488 ng
RT: 9.78 min Scan# 1308
Delta R.T. 0.01 min
Lab File: BF112029.D
Acq: 11 Jan 2019 21:33

Tgt Ion: 152 Resp: 529020
Ion Ratio Lower Upper
152 100
151 19.9 16.6 25.0
153 12.5 11.0 16.4



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

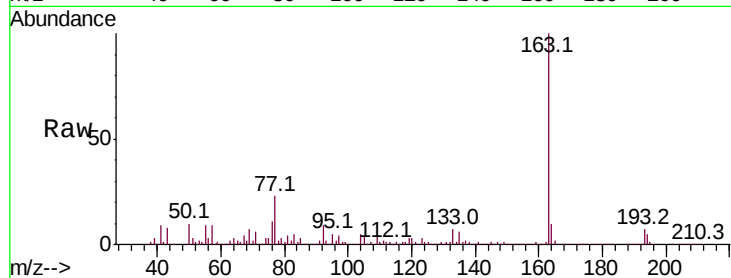




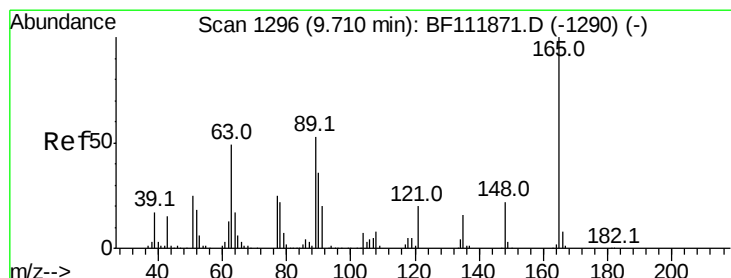
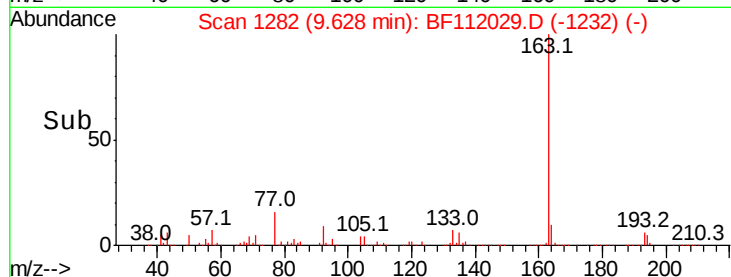
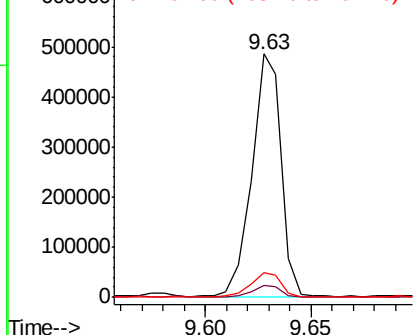
#50
Dimethylphthalate
Concen: 44.667 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF112029.D
Acq: 11 Jan 2019 21:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 463156
Ion Ratio Lower Upper
163 100
194 4.9 3.4 5.2
164 10.3 8.5 12.7

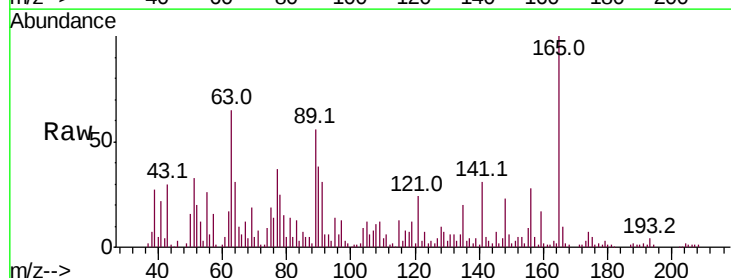


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

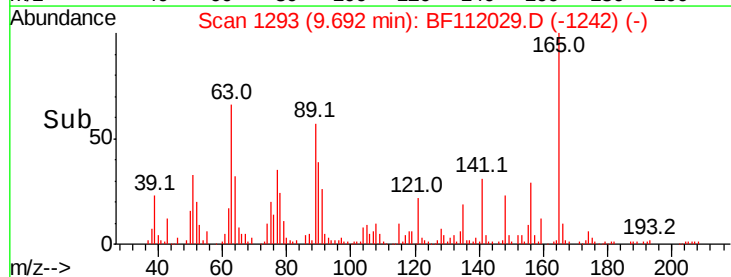
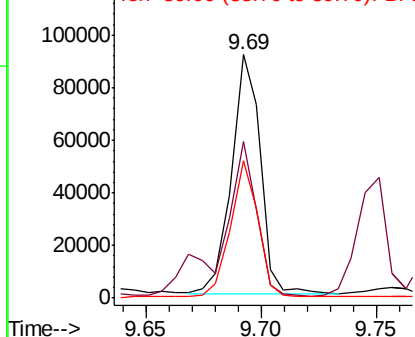


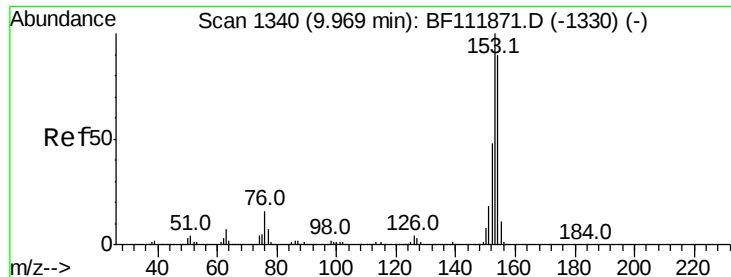
#51
2,6-Dinitrotoluene
Concen: 34.033 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BF112029.D
Acq: 11 Jan 2019 21:33

Tgt Ion:165 Resp: 78912
Ion Ratio Lower Upper
165 100
63 64.5 46.2 69.2
89 56.3 42.2 63.2



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: 47.678 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.00 min

Lab File: BF112029.D

Acq: 11 Jan 2019 21:33

Instrument :

BNA_F

ClientSampleId :

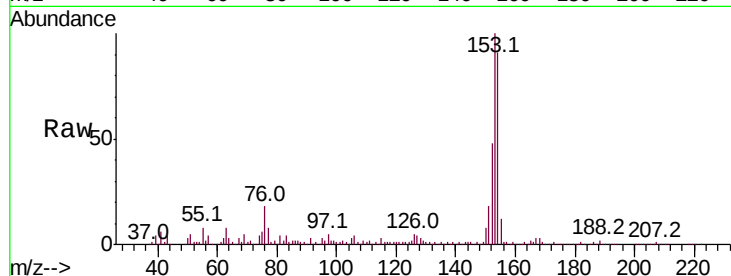
Tot Ion:154 Resp: 411782

Ion Ratio Lower Upper

154 100

153 110.4 89.4 134.0

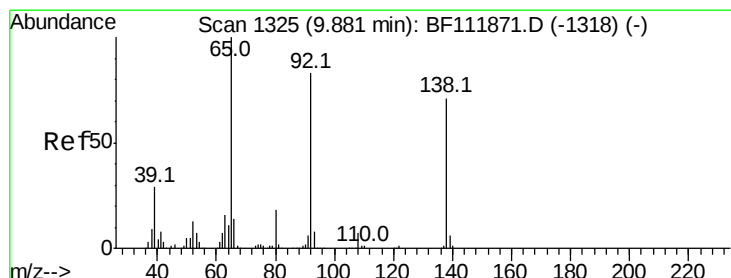
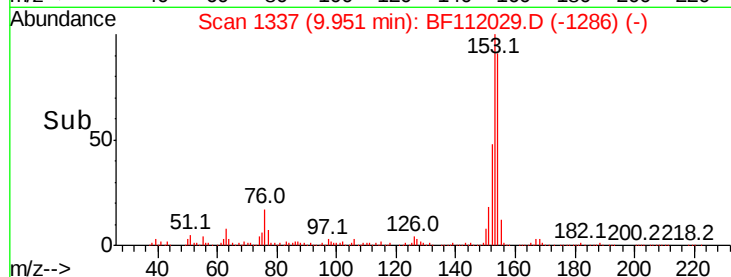
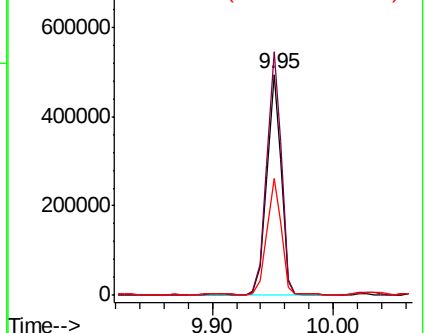
152 52.8 43.1 64.7



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: 30.936 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BF112029.D

Acq: 11 Jan 2019 21:33

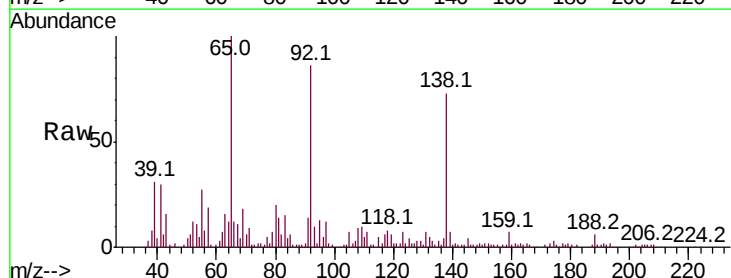
Tgt Ion:138 Resp: 76818

Ion Ratio Lower Upper

138 100

108 12.7 8.2 12.4#

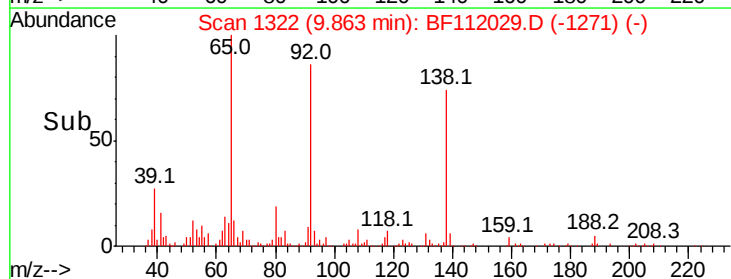
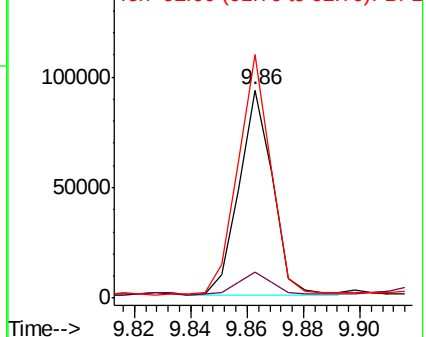
92 117.0 93.5 140.3

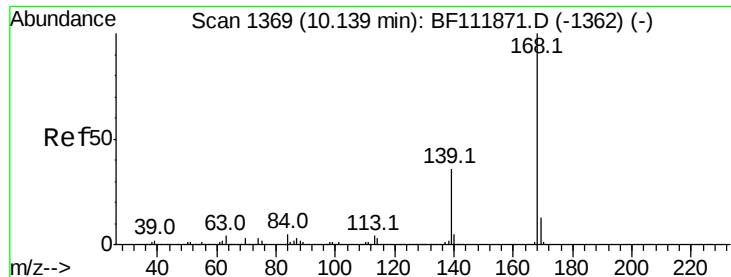


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

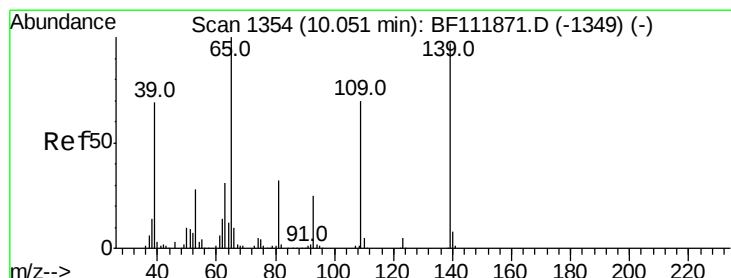
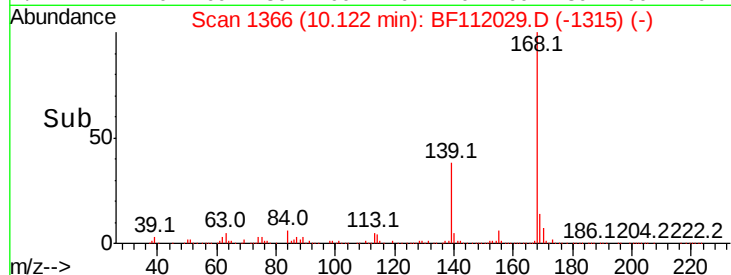
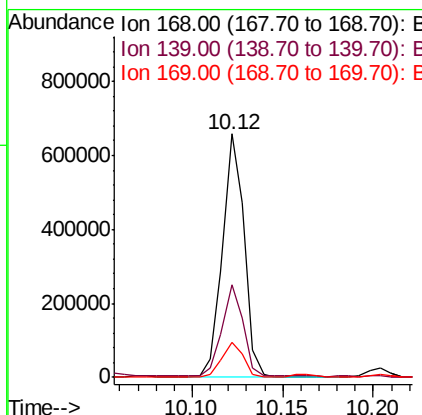
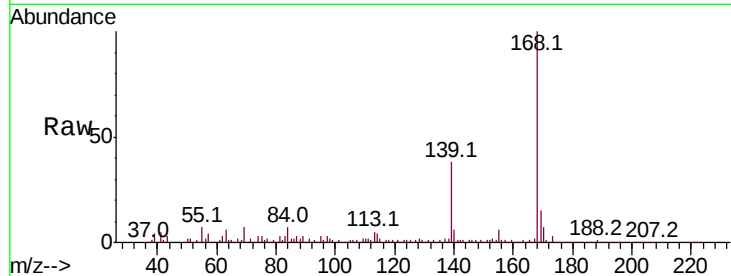




#55
Dibenzofuran
Concen: 43.516 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BF112029.D
Acq: 11 Jan 2019 21:33

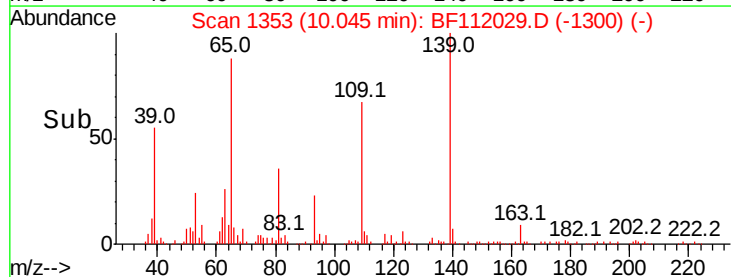
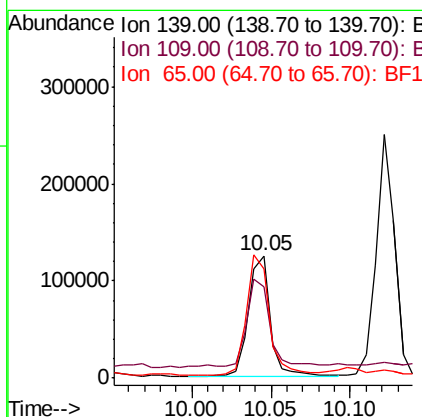
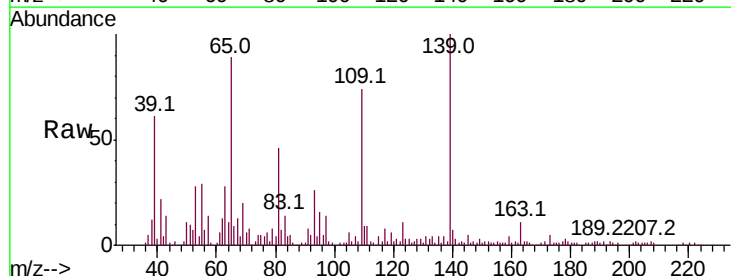
Instrument :
BNA_F
ClientSampleId :

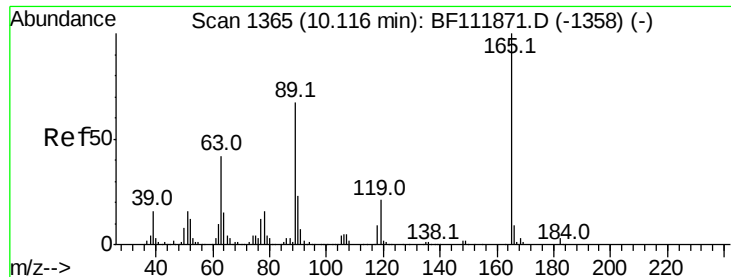
Tot Ion	Ratio	Lower	Upper
168	100		
139	38.1	29.3	43.9
169	14.6	10.6	16.0



#56
4-Nitrophenol
Concen: 69.567 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF112029.D
Acq: 11 Jan 2019 21:33

Tgt Ion	Ratio	Lower	Upper
139	100		
109	74.5	52.2	92.2
65	89.3	83.1	123.1

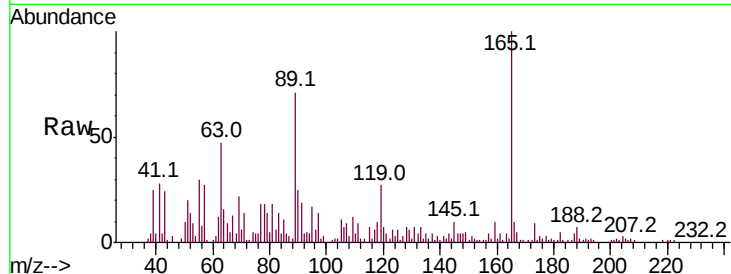




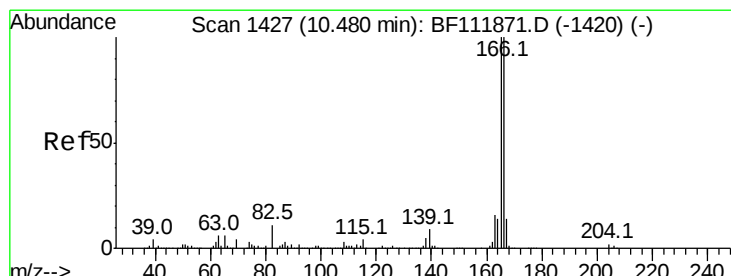
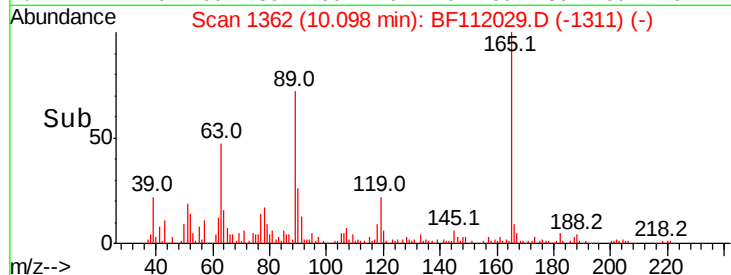
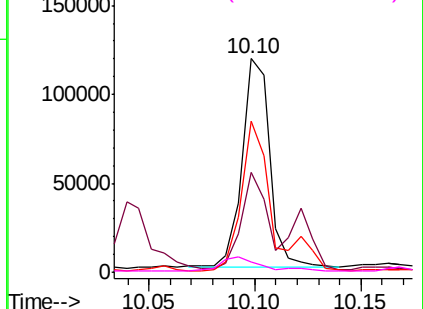
#57
2,4-Dinitrotoluene
Concen: 35.040 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.00 min
Lab File: BF112029.D
Acq: 11 Jan 2019 21:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	46.8	34.1	51.1
89	70.9	53.5	80.3
182	5.0	2.0	3.0

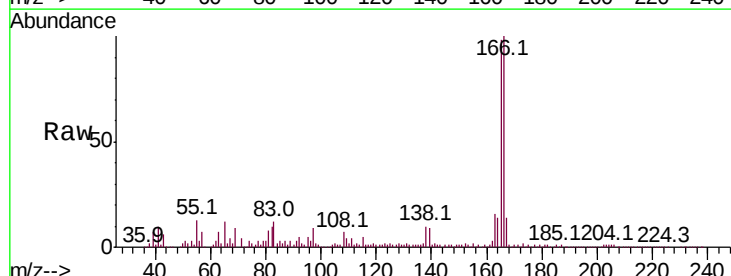


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

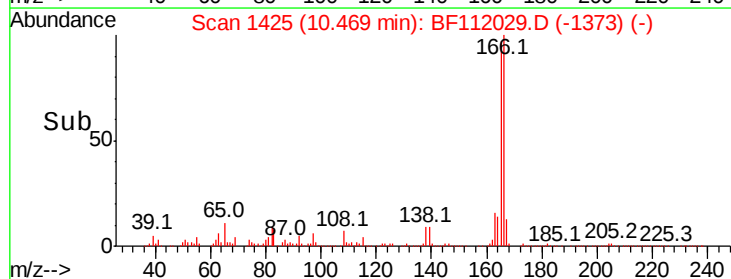
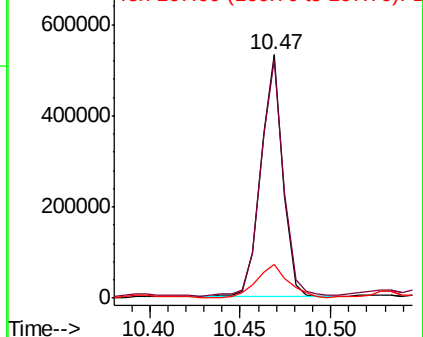


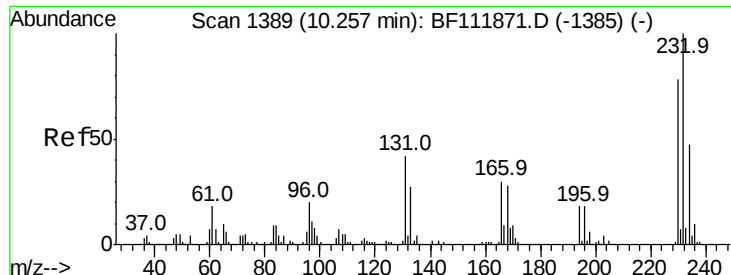
#58
Fluorene
Concen: 48.663 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF112029.D
Acq: 11 Jan 2019 21:33

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.8	79.7	119.5
167	13.7	11.1	16.7



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

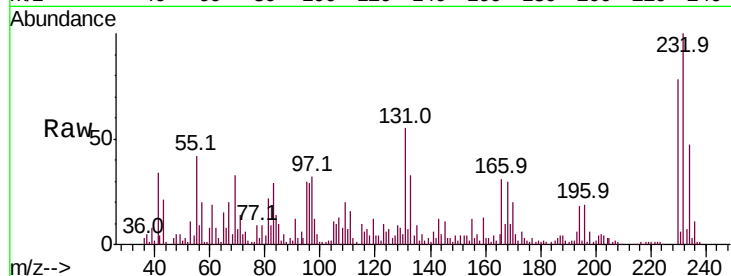




#59
2,3,4,6-Tetrachlorophenol
Concen: 34.522 ng
RT: 10.25 min Scan# 1387
Delta R.T. 0.01 min
Lab File: BF112029.D
Acq: 11 Jan 2019 21:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	47.5	34.0	51.0
130	4.7	1.6	2.4
166	29.7	23.4	35.0



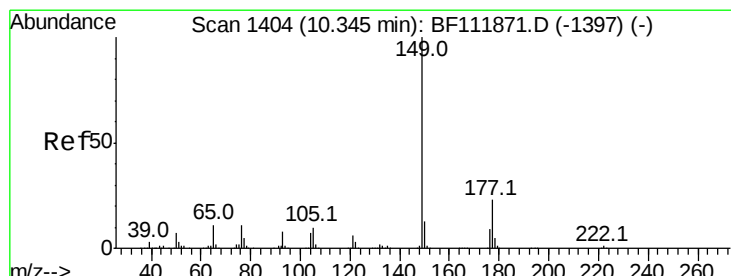
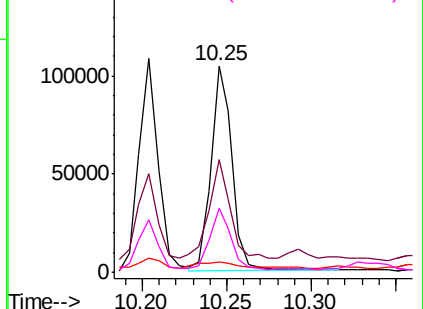
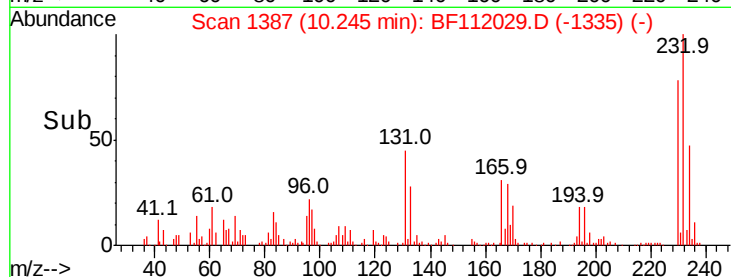
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

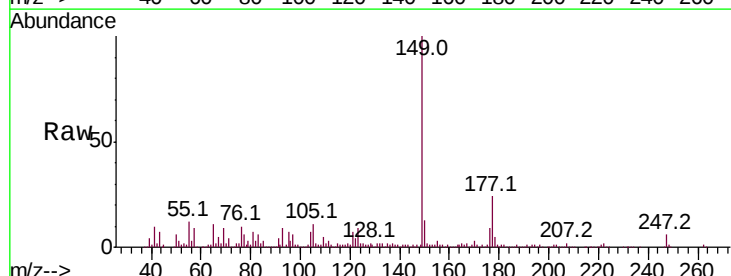
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 38.142 ng
RT: 10.33 min Scan# 1402
Delta R.T. 0.01 min
Lab File: BF112029.D
Acq: 11 Jan 2019 21:33

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.1	18.3	27.5
150	13.1	10.2	15.4

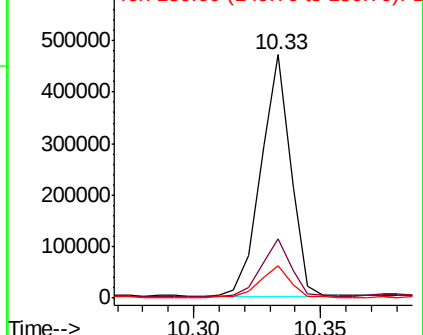
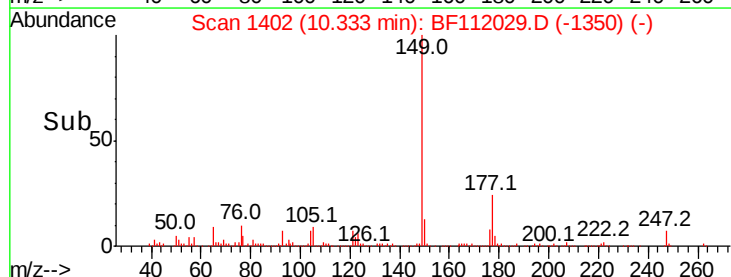


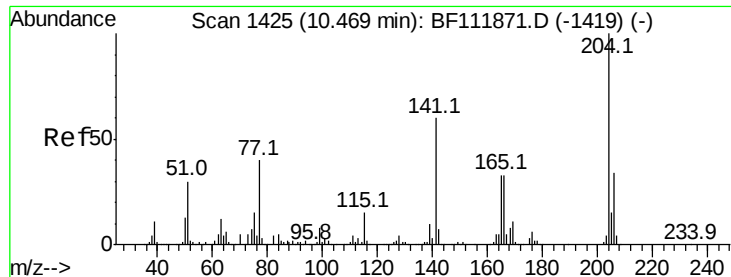
Abundance

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

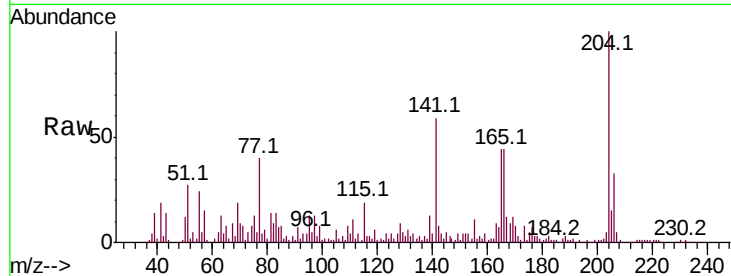




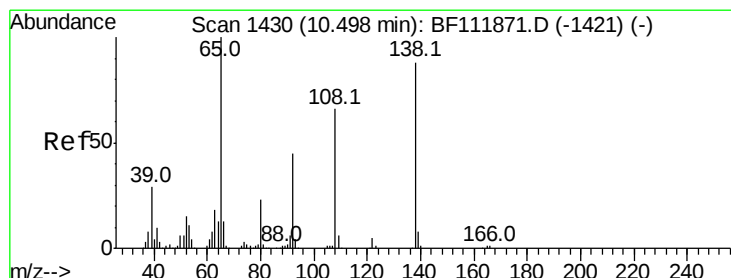
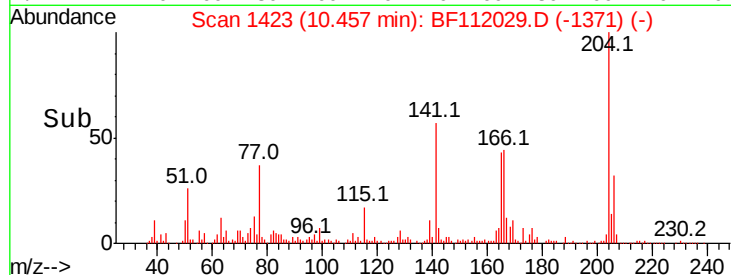
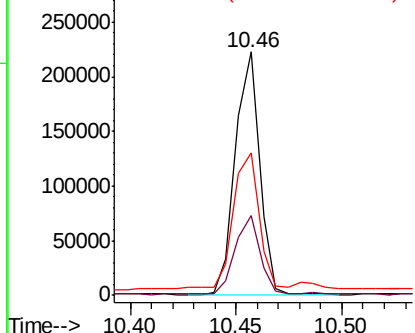
#61
4-Chlorophenyl-phenylether
Concen: 34.504 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BF112029.D
Acq: 11 Jan 2019 21:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 176839
Ion Ratio Lower Upper
204 100
206 32.7 26.9 40.3
141 58.5 47.9 71.9

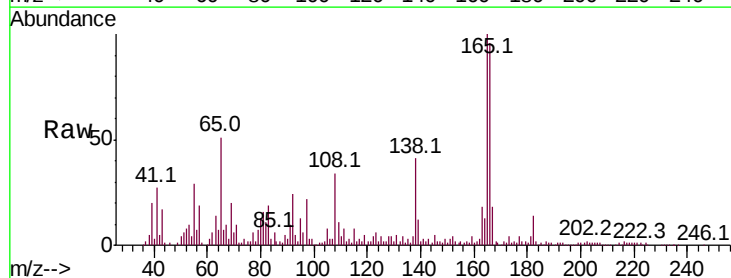


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

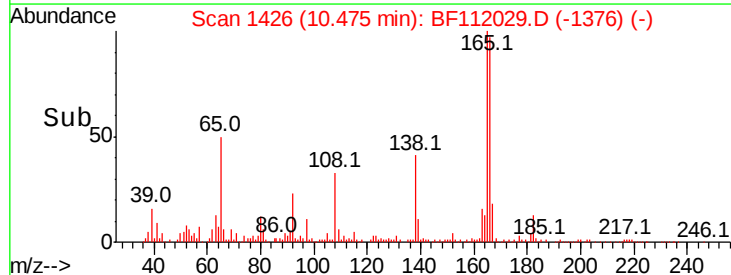
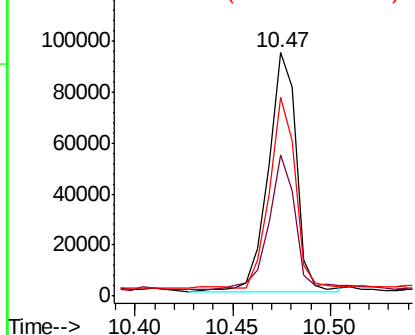


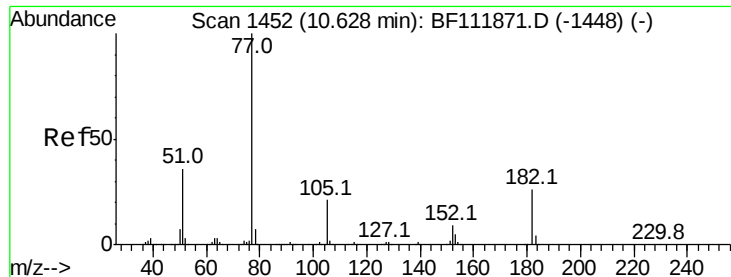
#62
4-Nitroaniline
Concen: 39.704 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF112029.D
Acq: 11 Jan 2019 21:33

Tgt Ion:138 Resp: 93513
Ion Ratio Lower Upper
138 100
92 57.8 31.0 71.0
108 81.6 54.7 94.7



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: 34.634 ng

RT: 10.62 min Scan# 1450

Delta R.T. 0.01 min

Lab File: BF112029.D

Acq: 11 Jan 2019 21:33

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 332001

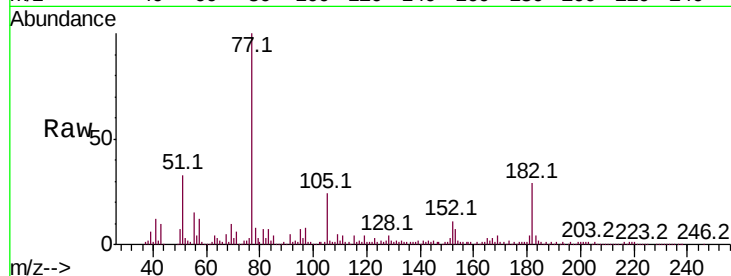
Ion Ratio Lower Upper

77 100

182 29.1 5.7 45.7

105 24.0 0.8 40.8

51 32.7 15.6 55.6

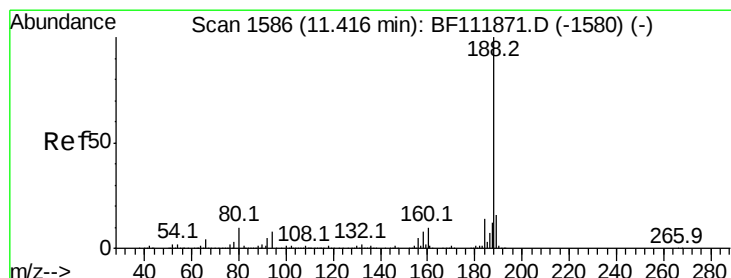
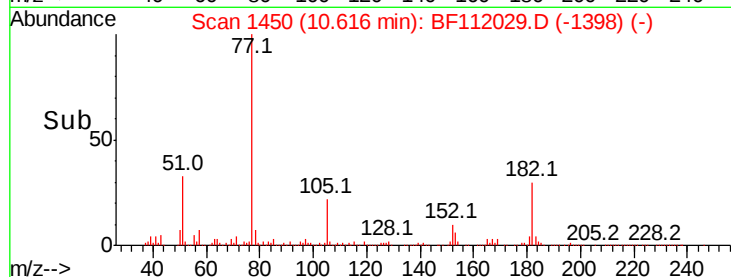
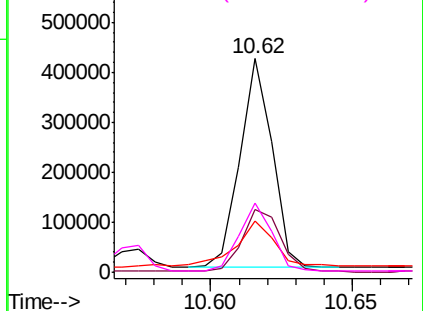


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.01 min

Lab File: BF112029.D

Acq: 11 Jan 2019 21:33

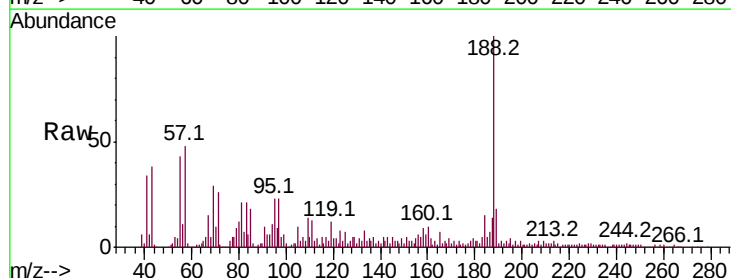
Tgt Ion: 188 Resp: 232754

Ion Ratio Lower Upper

188 100

94 11.1 6.6 10.0#

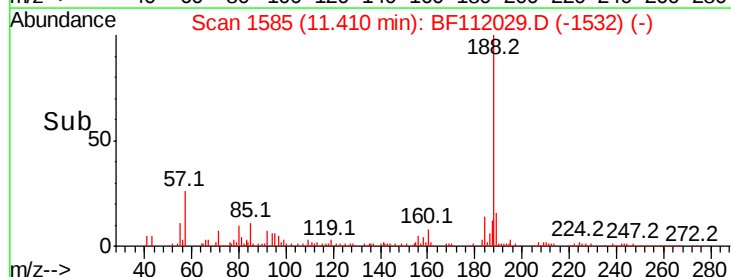
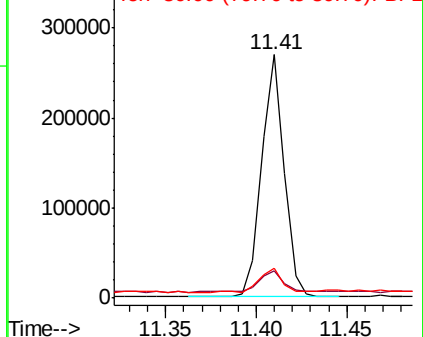
80 12.1 7.7 11.5#

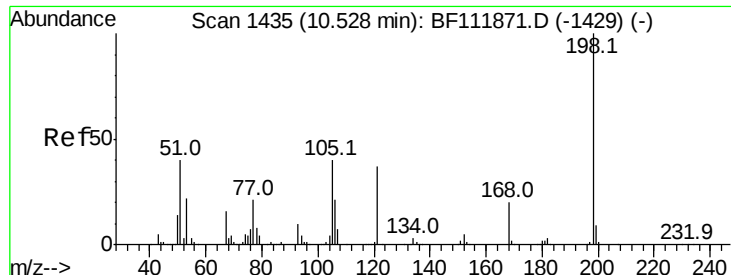


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

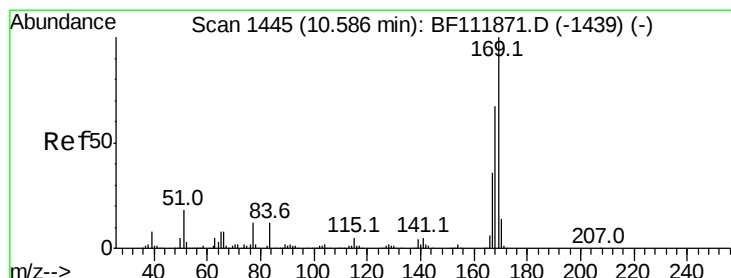
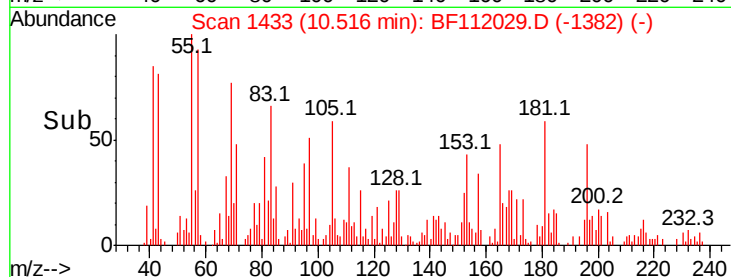
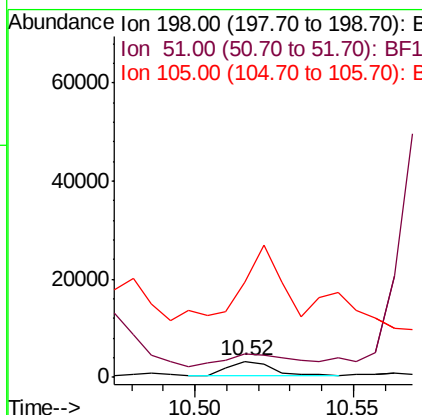
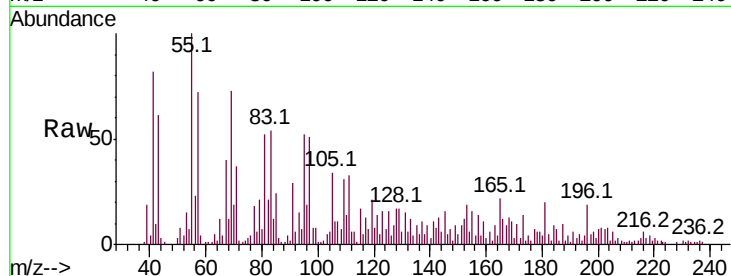




#65
4,6-Dinitro-2-methylphenol
Concen: 2.019 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.00 min
Lab File: BF112029.D
Acq: 11 Jan 2019 21:33

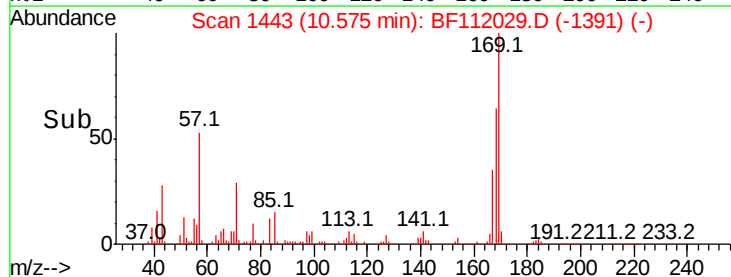
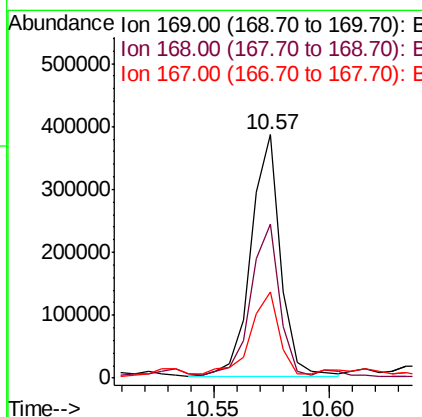
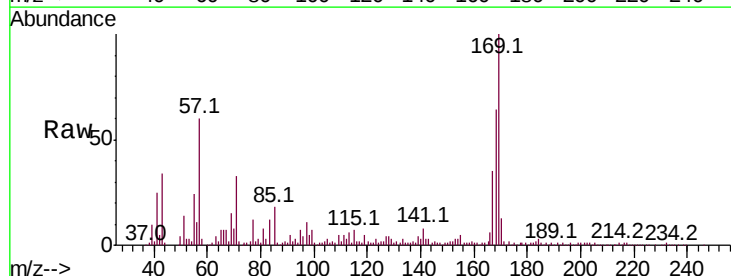
Instrument :
BNA_F
ClientSampled :

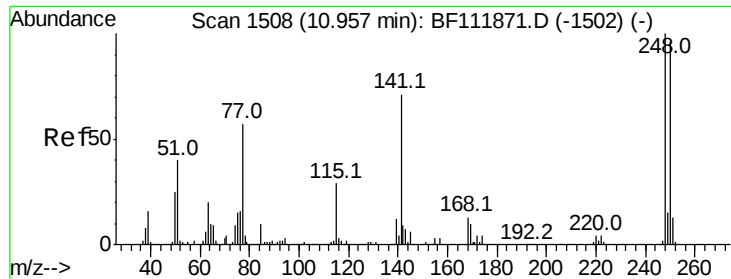
Tot Ion:198 Resp: 2899
Ion Ratio Lower Upper
198 100
51 142.6 27.2 67.2#
105 589.7 21.0 61.0#



#66
n-Nitrosodiphenylamine
Concen: 43.910 ng
RT: 10.57 min Scan# 1443
Delta R.T. 0.01 min
Lab File: BF112029.D
Acq: 11 Jan 2019 21:33

Tgt Ion:169 Resp: 342966
Ion Ratio Lower Upper
169 100
168 63.5 53.8 80.6
167 35.5 29.1 43.7

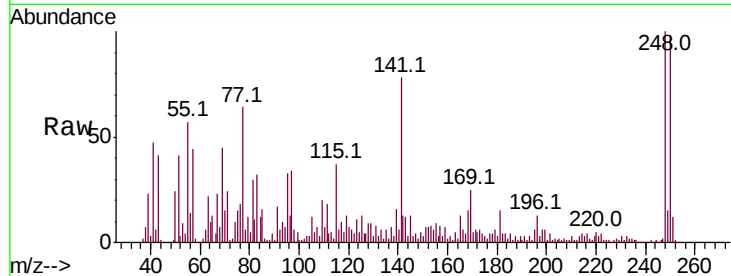




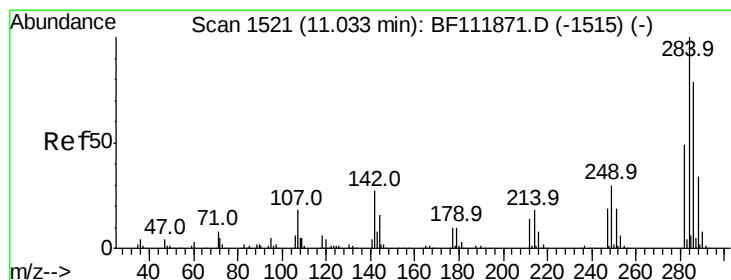
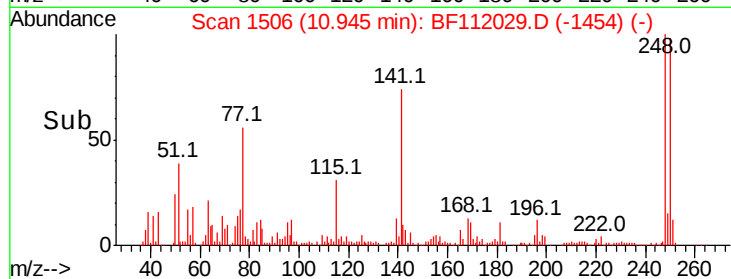
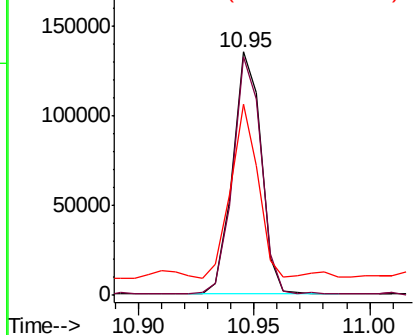
#67
4-Bromophenyl-phenylether
Concen: 38.359 ng
RT: 10.95 min Scan# 1506
Delta R.T. 0.01 min
Lab File: BF112029.D
Acq: 11 Jan 2019 21:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 115642
Ion Ratio Lower Upper
248 100
250 98.1 76.8 115.2
141 78.3 57.0 85.6

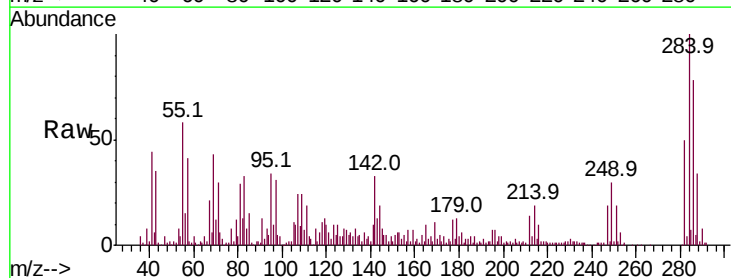


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

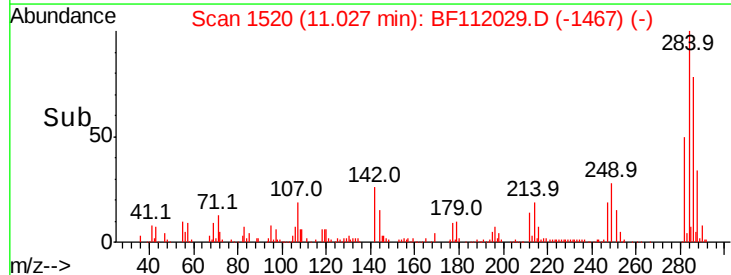
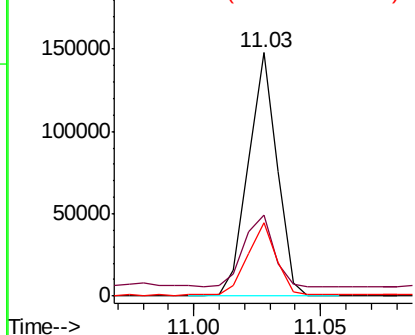


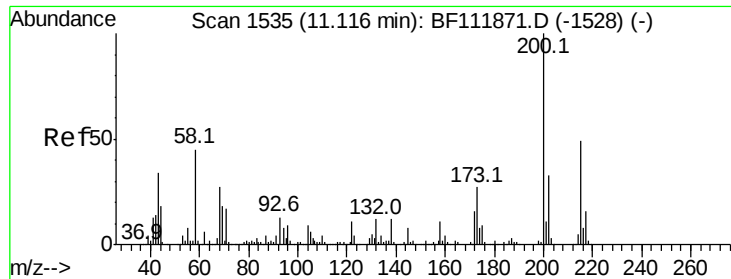
#68
Hexachlorobenzene
Concen: 34.925 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.01 min
Lab File: BF112029.D
Acq: 11 Jan 2019 21:33

Tgt Ion:284 Resp: 116687
Ion Ratio Lower Upper
284 100
142 33.2 21.8 32.6#
249 30.3 23.8 35.6



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: 39.476 ng

RT: 11.10 min Scan# 1533

Delta R.T. 0.01 min

Lab File: BF112029.D

Acq: 11 Jan 2019 21:33

Instrument :

BNA_F

ClientSampleId :

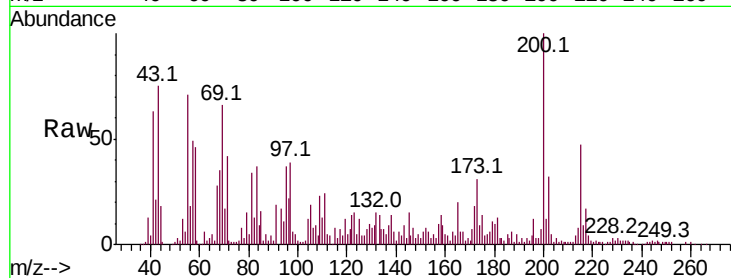
Tot Ion:200 Resp: 108331

Ion Ratio Lower Upper

200 100

173 30.7 6.6 46.6

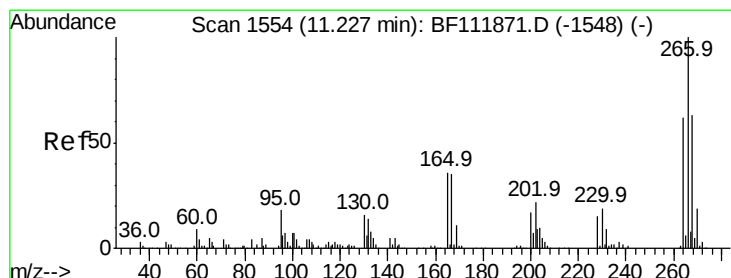
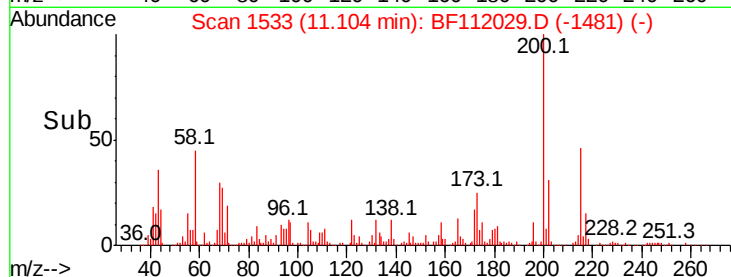
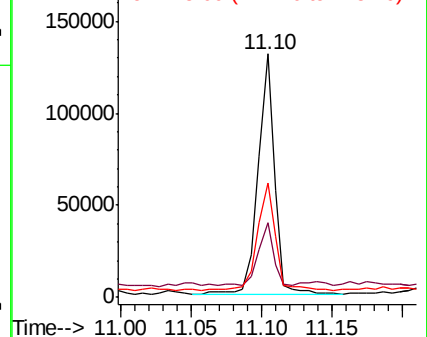
215 47.0 28.9 68.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 49.420 ng

RT: 11.22 min Scan# 1553

Delta R.T. 0.01 min

Lab File: BF112029.D

Acq: 11 Jan 2019 21:33

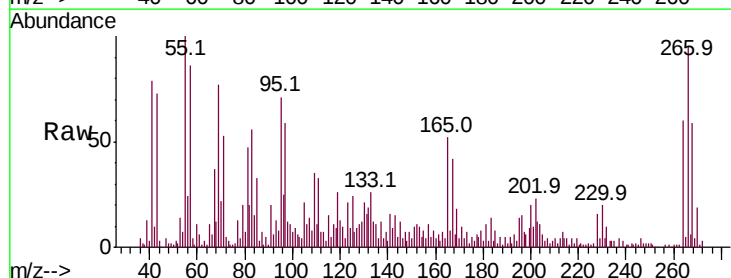
Tgt Ion:266 Resp: 93958

Ion Ratio Lower Upper

266 100

268 62.4 50.6 76.0

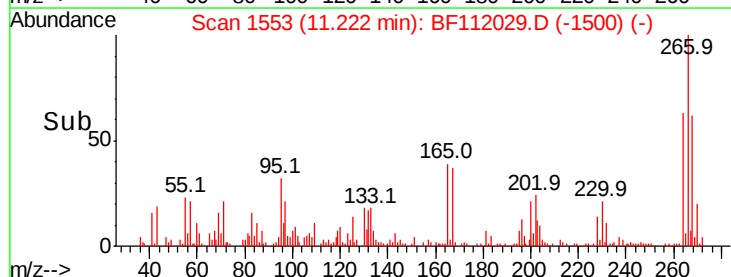
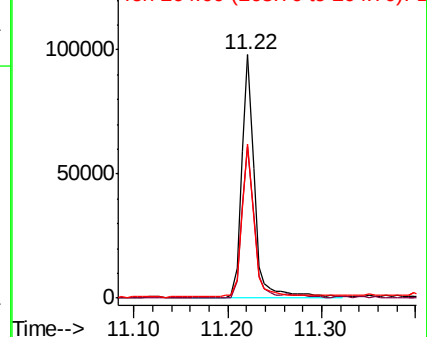
264 63.3 49.3 73.9

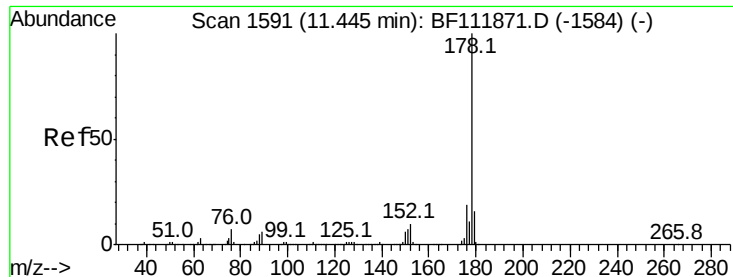


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 55.589 ng

RT: 11.43 min Scan# 1589

Delta R.T. 0.01 min

Lab File: BF112029.D

Acq: 11 Jan 2019 21:33

Instrument :

BNA_F

ClientSampleId :

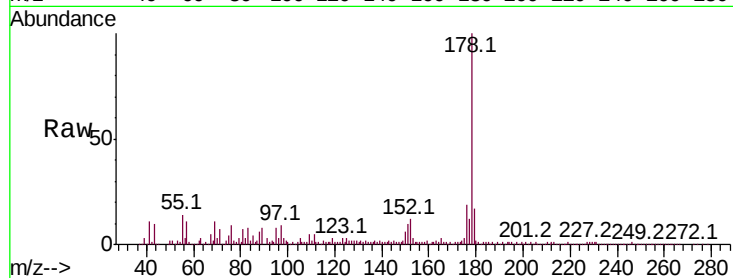
Tot Ion:178 Resp: 691763

Ion Ratio Lower Upper

178 100

176 19.3 15.6 23.4

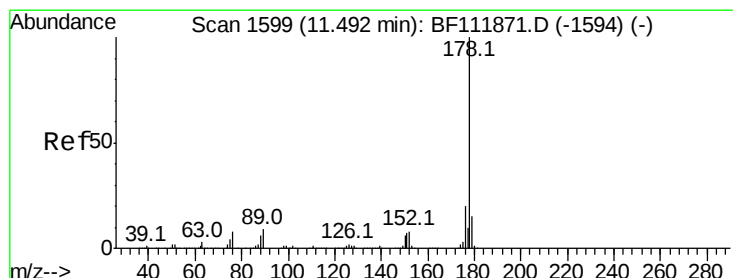
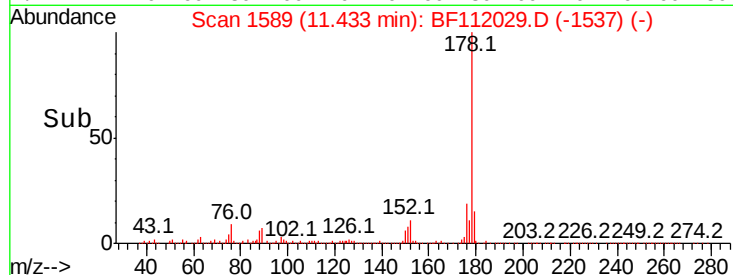
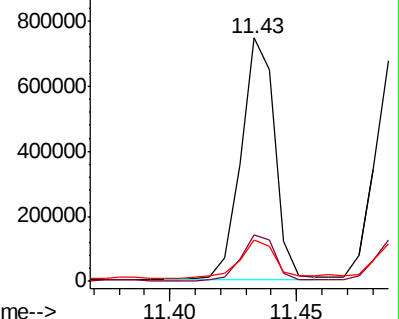
179 16.9 12.6 18.8



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



#72

Anthracene

Concen: 44.451 ng

RT: 11.49 min Scan# 1598

Delta R.T. 0.01 min

Lab File: BF112029.D

Acq: 11 Jan 2019 21:33

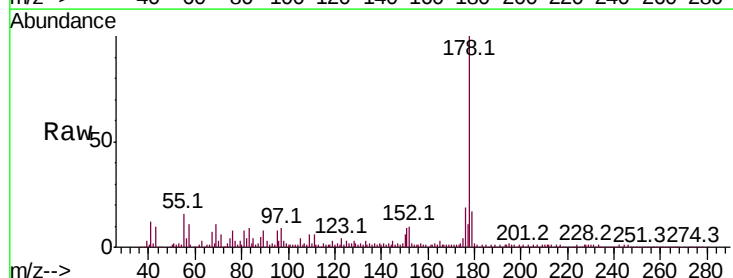
Tgt Ion:178 Resp: 561529

Ion Ratio Lower Upper

178 100

176 18.9 15.7 23.5

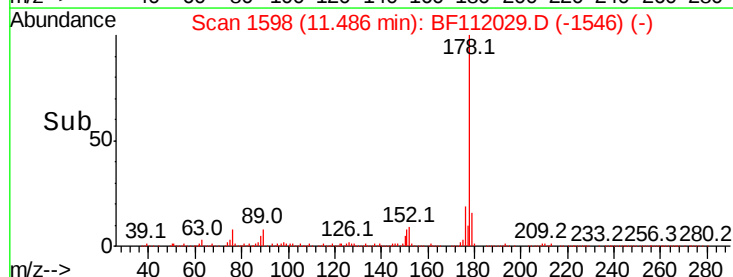
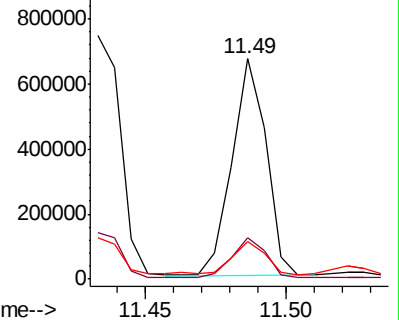
179 16.9 12.4 18.6

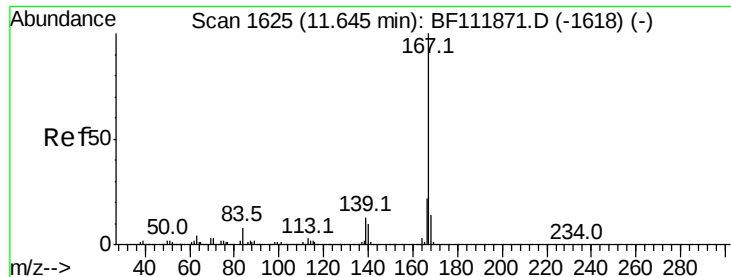


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

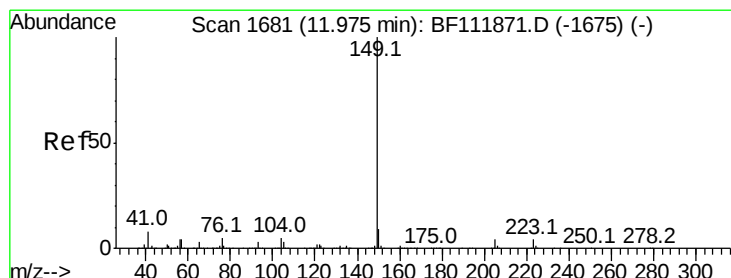
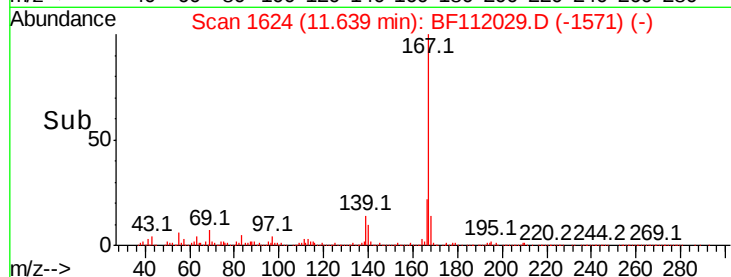
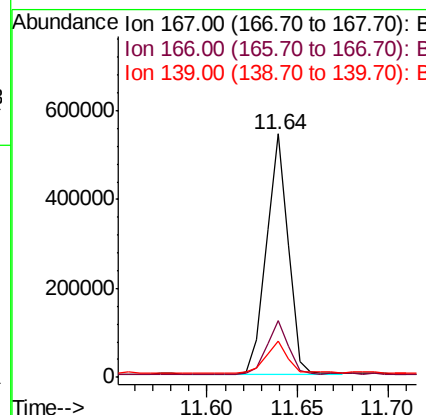
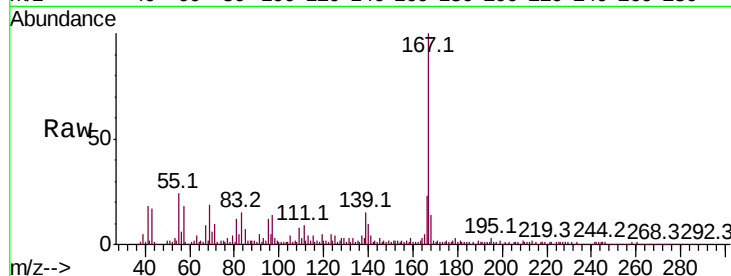




#73
 Carbazole
 Concen: 37.016 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. 0.01 min
 Lab File: BF112029.D
 Acq: 11 Jan 2019 21:33

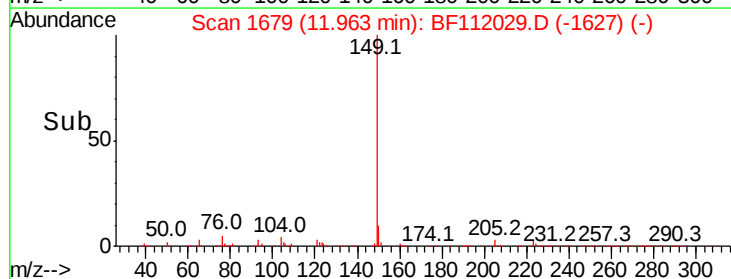
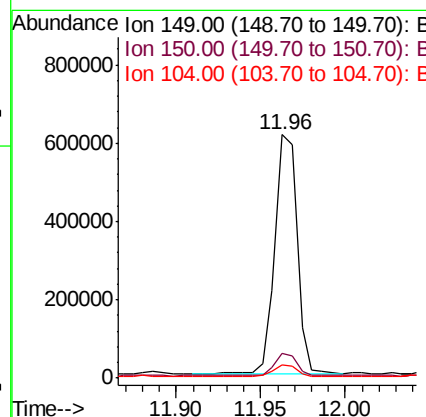
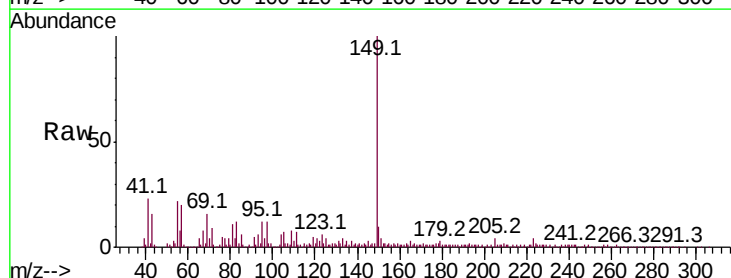
Instrument :
 BNA_F
 ClientSampleId :

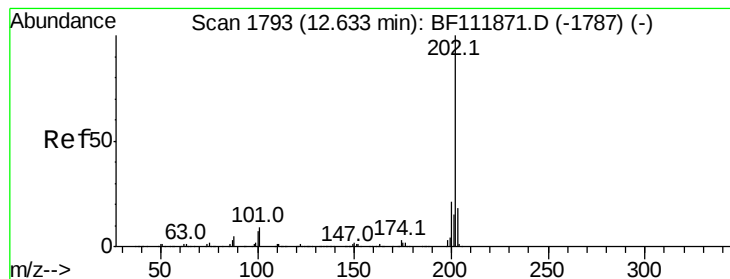
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.1	17.8	26.6
139	14.9	10.6	16.0



#74
 Di-n-butylphthalate
 Concen: 38.709 ng
 RT: 11.96 min Scan# 1679
 Delta R.T. 0.01 min
 Lab File: BF112029.D
 Acq: 11 Jan 2019 21:33

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.3	7.5	11.3
104	5.5	3.9	5.9





#75

Fluoranthene

Concen: 58.732 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.02 min

Lab File: BF112029.D

Acq: 11 Jan 2019 21:33

Instrument :

BNA_F

ClientSampleId :

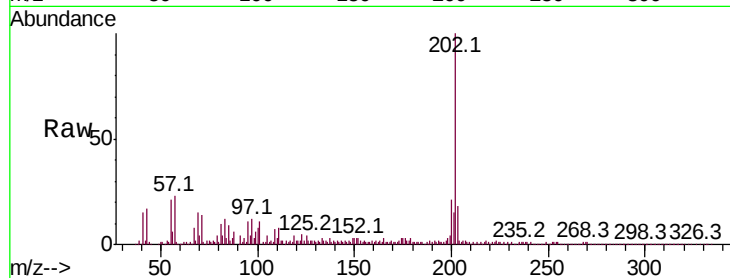
Tot Ion:202 Resp: 750311

Ion Ratio Lower Upper

202 100

101 11.1 0.0 29.3

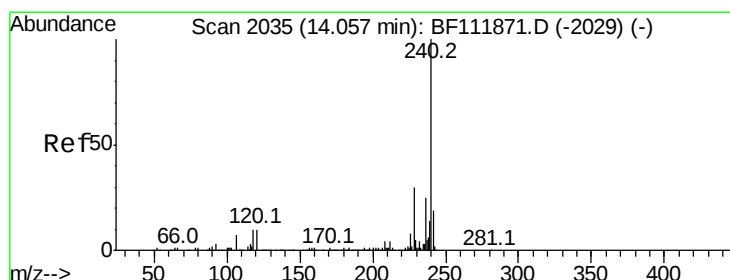
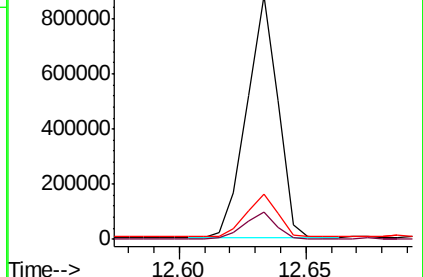
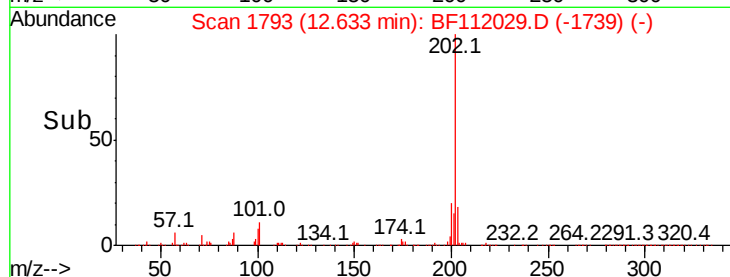
203 18.4 0.0 37.6



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# 2036

Delta R.T. 0.02 min

Lab File: BF112029.D

Acq: 11 Jan 2019 21:33

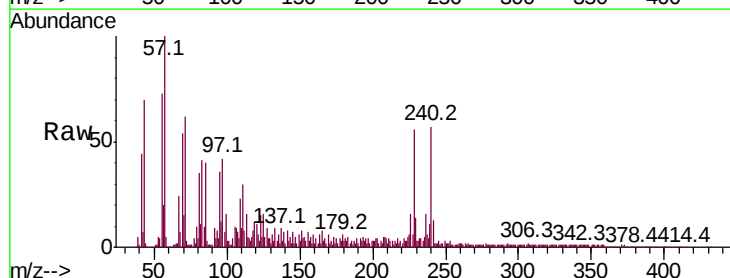
Tgt Ion:240 Resp: 178584

Ion Ratio Lower Upper

240 100

120 19.3 8.2 12.2#

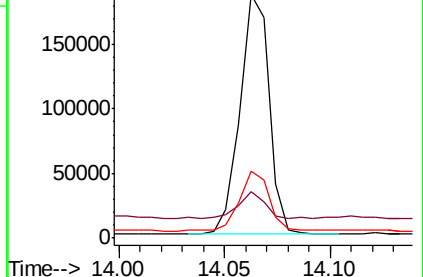
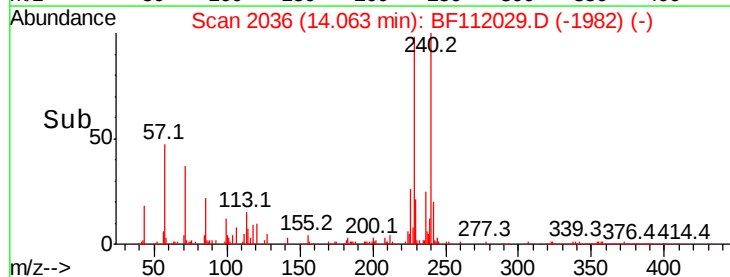
236 27.7 20.2 30.4

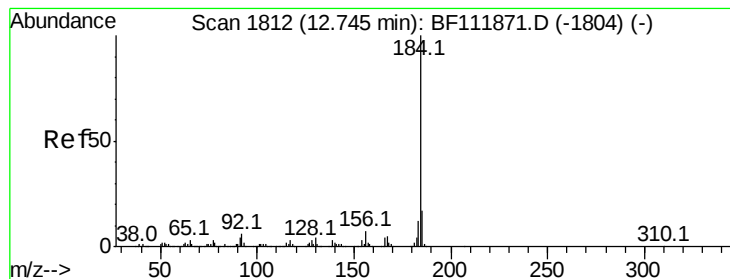


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 27.738 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.01 min

Lab File: BF112029.D

Acq: 11 Jan 2019 21:33

Instrument :

BNA_F

ClientSampleId :

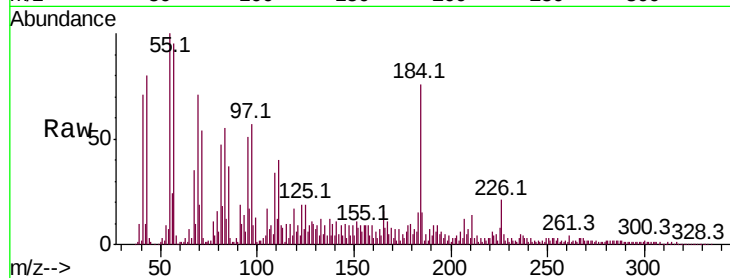
Tot Ion:184 Resp: 148015

Ion Ratio Lower Upper

184 100

185 20.1 13.4 20.0#

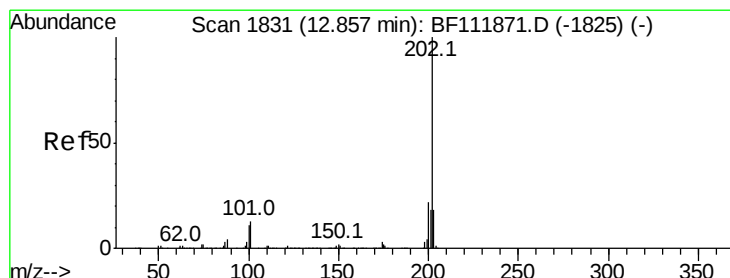
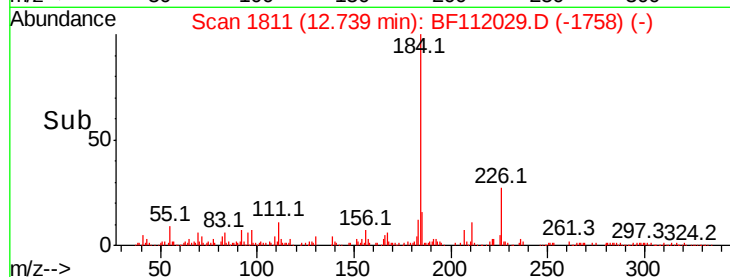
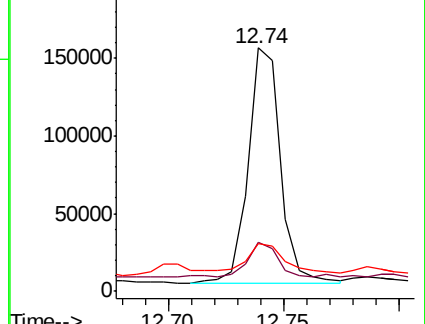
183 19.7 9.6 14.4#



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: 55.395 ng

RT: 12.86 min Scan# 1832

Delta R.T. 0.02 min

Lab File: BF112029.D

Acq: 11 Jan 2019 21:33

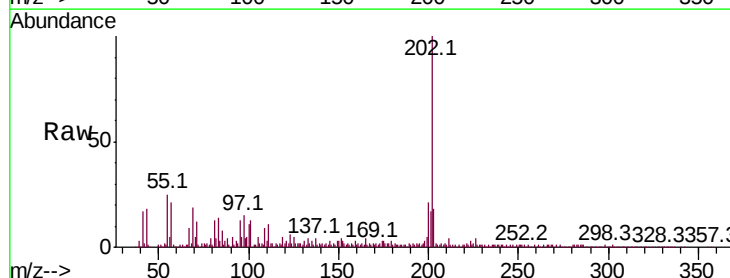
Tgt Ion:202 Resp: 680673

Ion Ratio Lower Upper

202 100

200 21.1 17.4 26.2

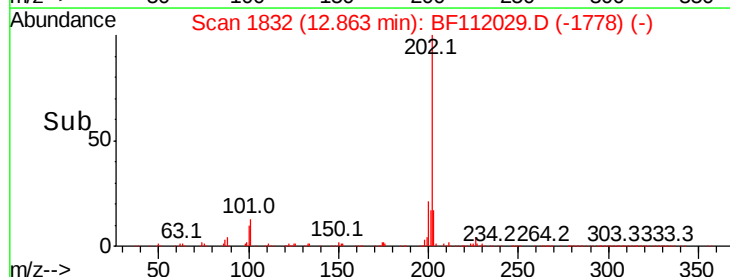
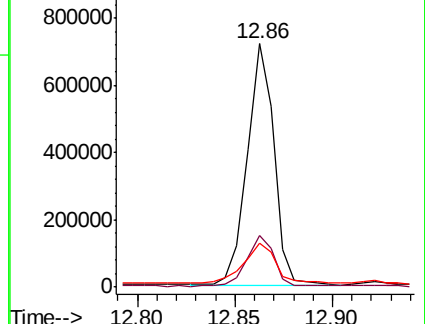
203 18.3 14.6 21.8

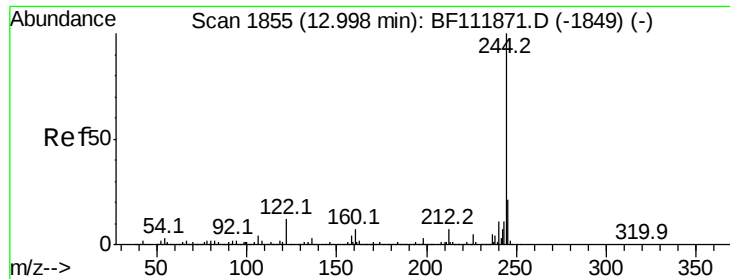


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 85.831 ng

RT: 13.00 min Scan# 1855

Delta R.T. 0.01 min

Lab File: BF112029.D

Acq: 11 Jan 2019 21:33

Instrument :

BNA_F

ClientSampleId :

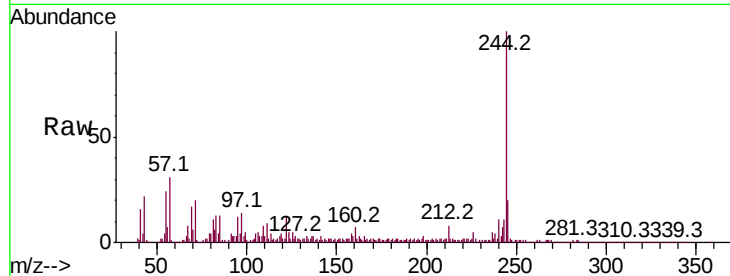
Tot Ion:244 Resp: 807500

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

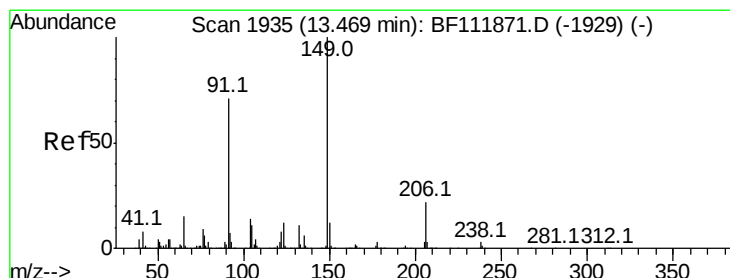
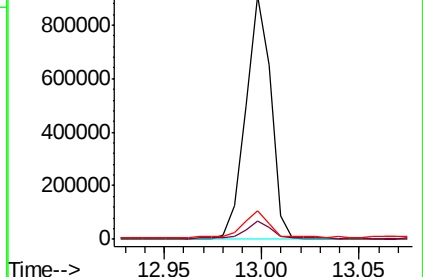
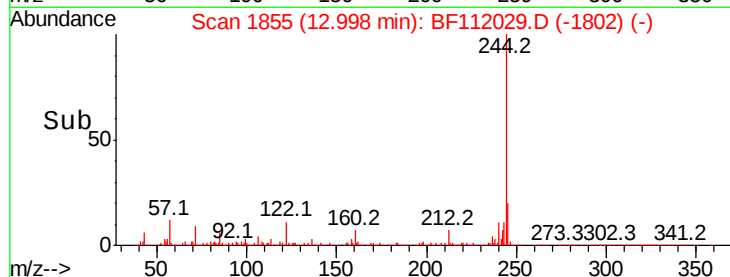
122 11.6 9.5 14.3



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: 41.733 ng

RT: 13.47 min Scan# 1935

Delta R.T. 0.02 min

Lab File: BF112029.D

Acq: 11 Jan 2019 21:33

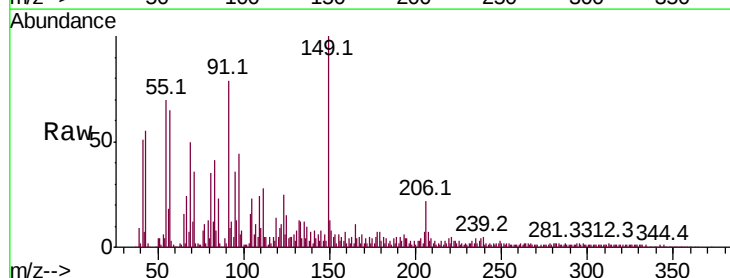
Tgt Ion:149 Resp: 216794

Ion Ratio Lower Upper

149 100

91 78.9 57.2 85.8

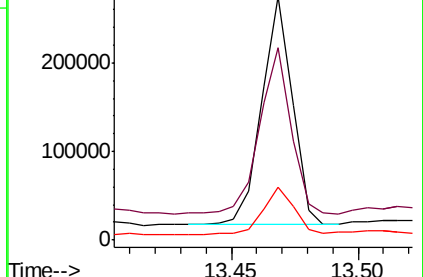
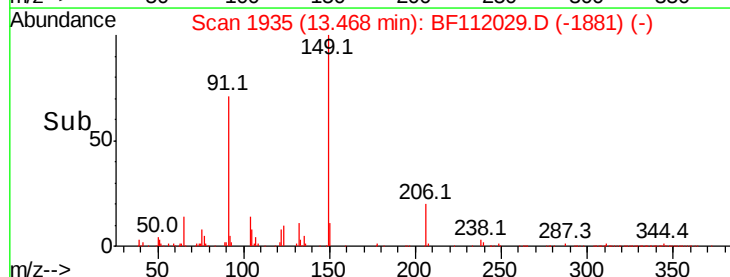
206 21.8 17.3 25.9

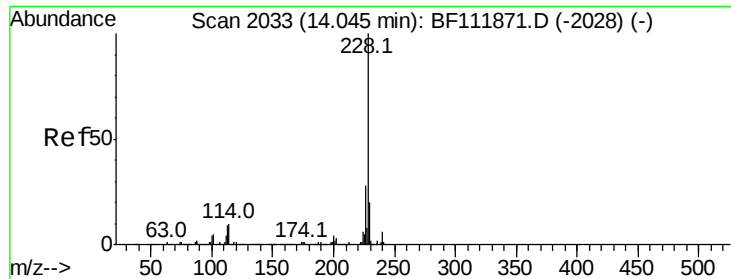


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

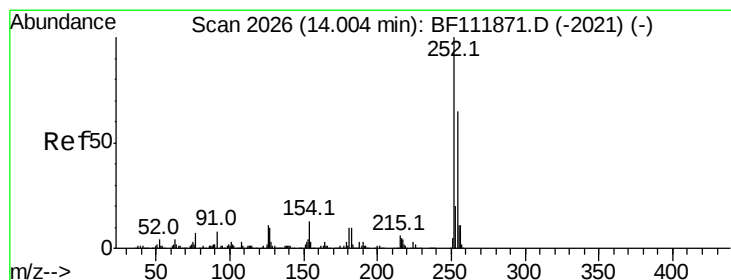
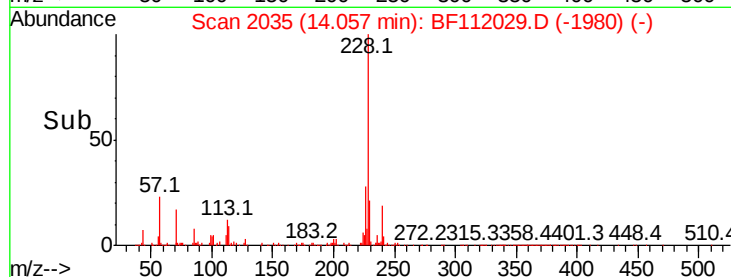
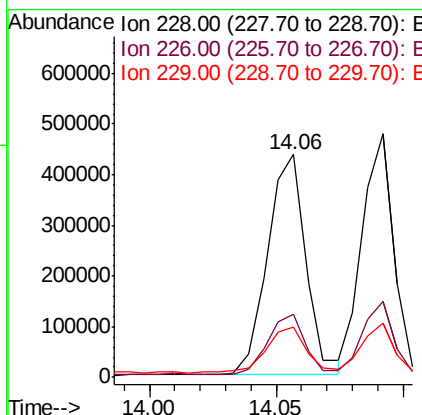
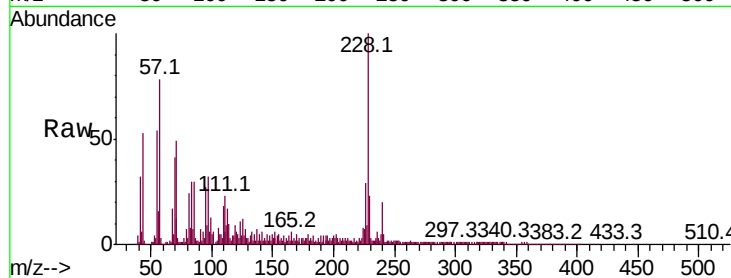




#81
Benzo(a)anthracene
Concen: 44.430 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.02 min
Lab File: BF112029.D
Acq: 11 Jan 2019 21:33

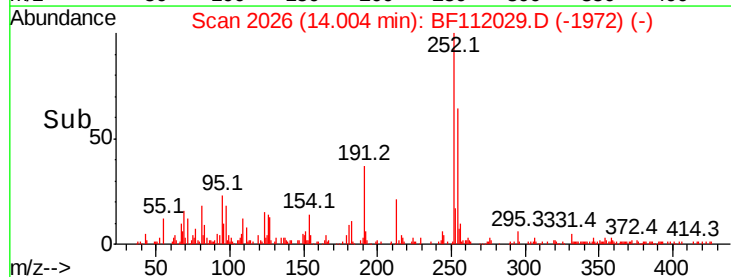
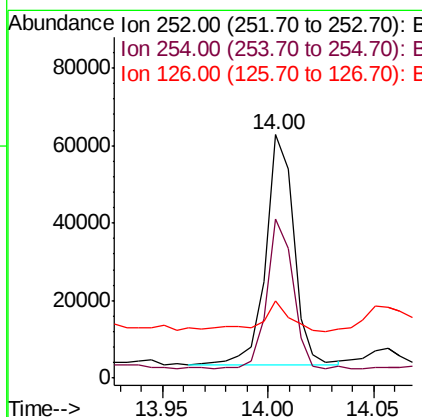
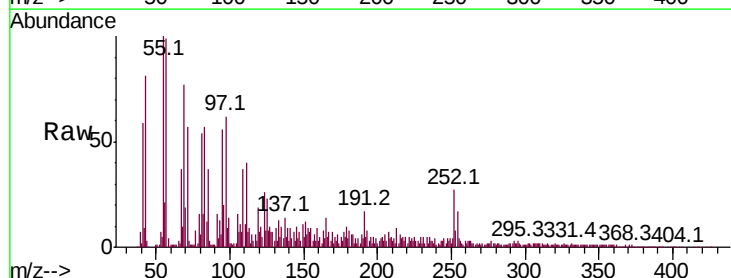
Instrument :
BNA_F
ClientSampleId :

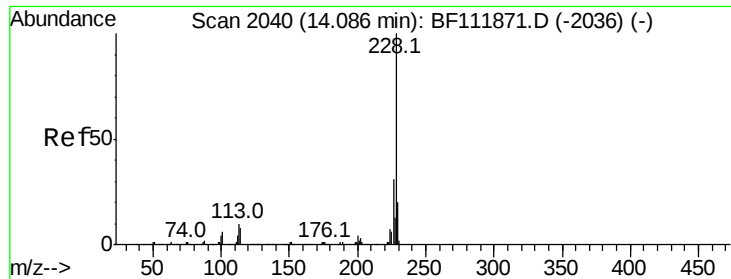
Tot Ion:228 Resp: 456640
Ion Ratio Lower Upper
228 100
226 28.6 22.2 33.2
229 22.6 16.2 24.2



#82
3,3'-Dichlorobenzidine
Concen: 14.531 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.02 min
Lab File: BF112029.D
Acq: 11 Jan 2019 21:33

Tgt Ion:252 Resp: 55137
Ion Ratio Lower Upper
252 100
254 65.4 52.1 78.1
126 31.8 8.6 12.8#



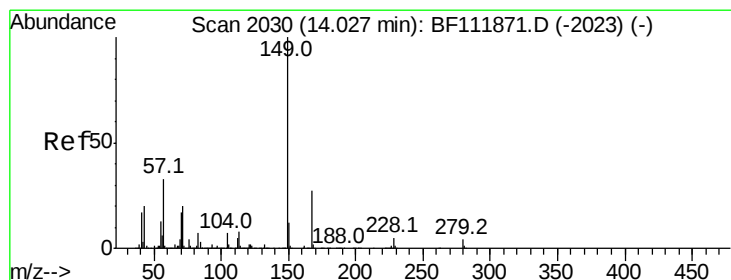
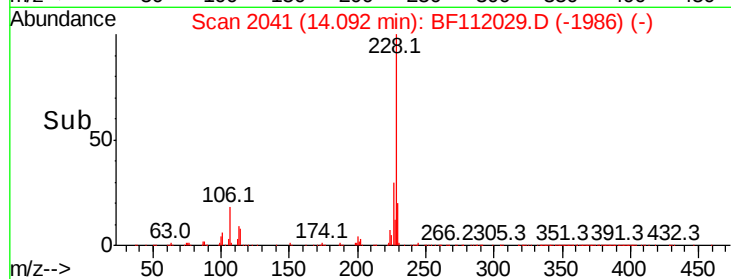
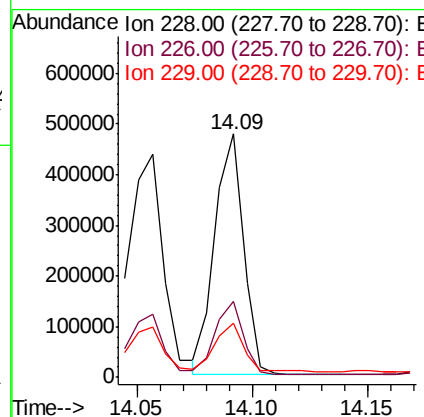
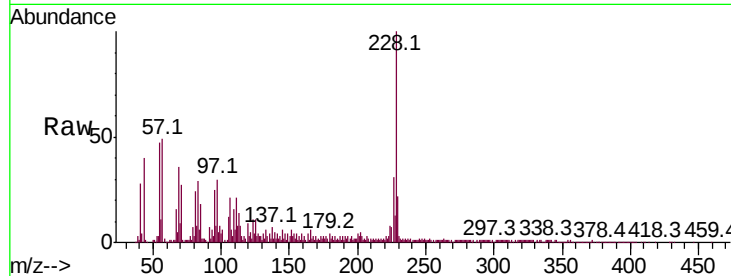


#83
 Chrysene
 Concen: 42.082 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. 0.02 min
 Lab File: BF112029.D
 Acq: 11 Jan 2019 21:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:228 Resp: 412386

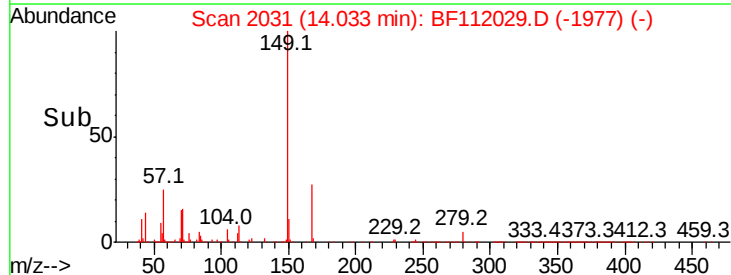
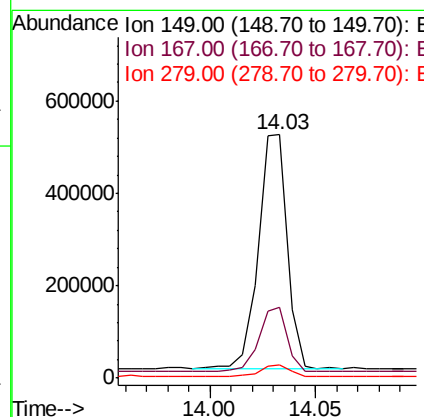
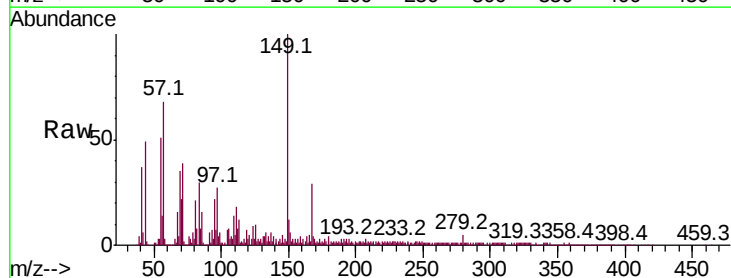
Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.6	37.0
229	22.0	15.7	23.5

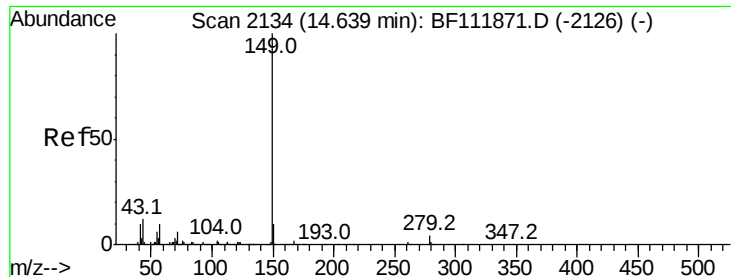


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 70.875 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. 0.02 min
 Lab File: BF112029.D
 Acq: 11 Jan 2019 21:33

Tgt Ion:149 Resp: 483534

Ion	Ratio	Lower	Upper
149	100		
167	28.9	21.5	32.3
279	5.4	3.0	4.6

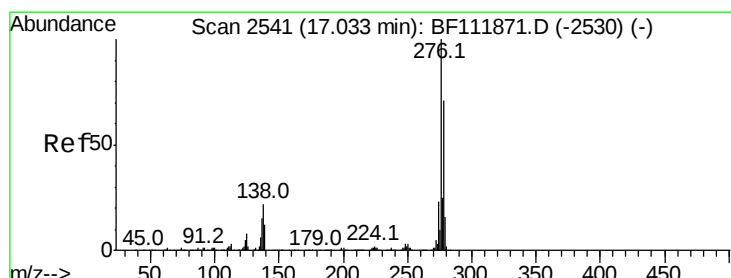
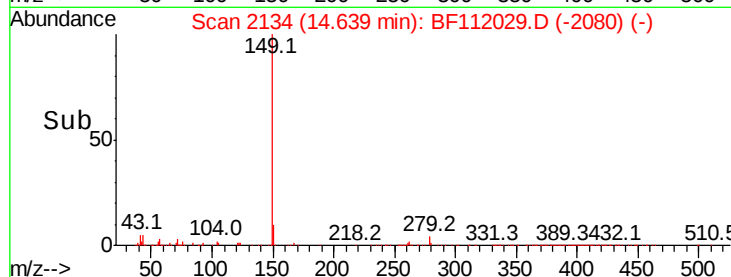
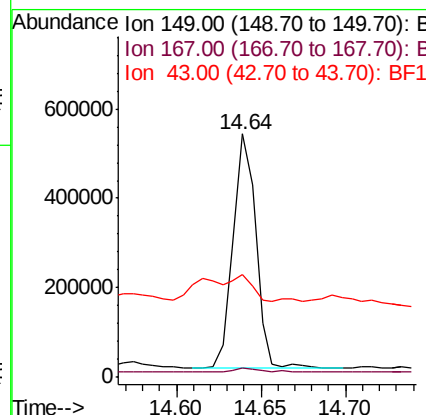
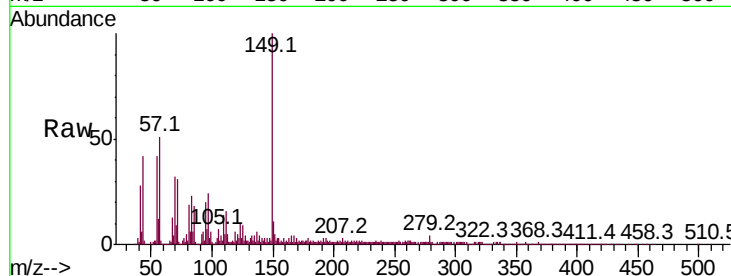




#85
Di-n-octyl phthalate
Concen: 50.372 ng
RT: 14.64 min Scan# 2134
Delta R.T. 0.02 min
Lab File: BF112029.D
Acq: 11 Jan 2019 21:33

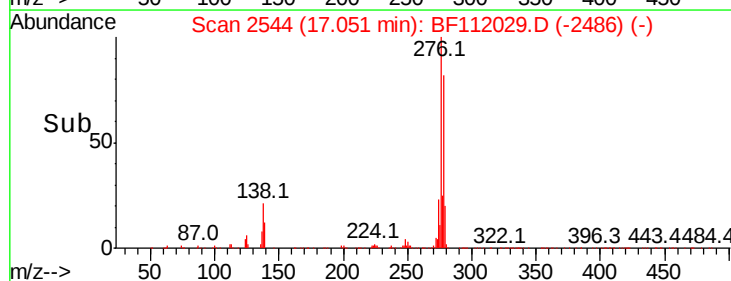
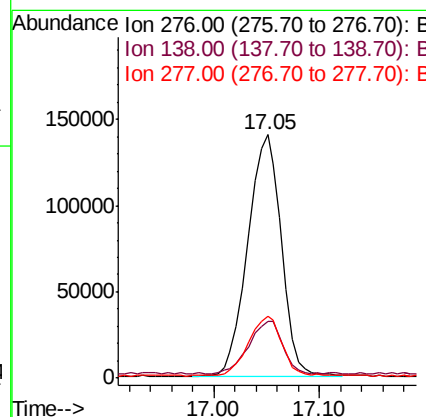
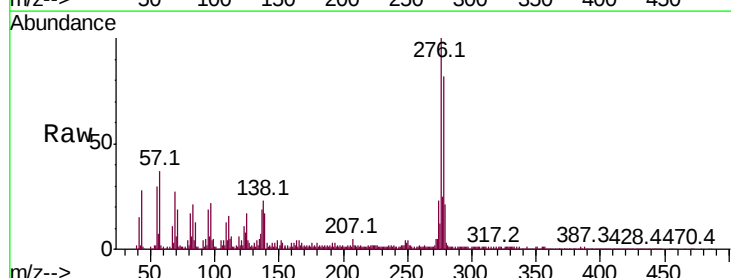
Instrument :
BNA_F
ClientSampleId :

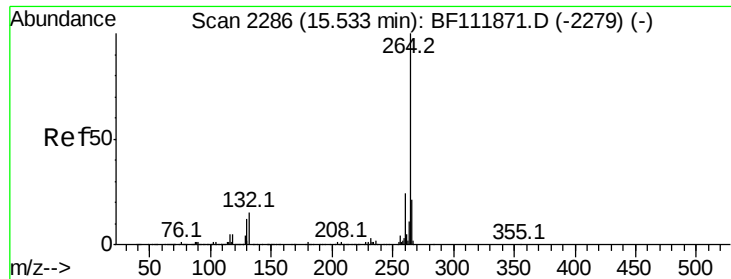
Tot Ion:149 Resp: 491794
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 0.0 9.1 13.7#



#86
Indeno(1,2,3-cd)pyrene
Concen: 43.486 ng
RT: 17.05 min Scan# 2544
Delta R.T. 0.04 min
Lab File: BF112029.D
Acq: 11 Jan 2019 21:33

Tgt Ion:276 Resp: 310673
Ion Ratio Lower Upper
276 100
138 21.7 18.1 27.1
277 24.8 19.9 29.9





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.55 min Scan# 2289

Delta R.T. 0.04 min

Lab File: BF112029.D

Acq: 11 Jan 2019 21:33

Instrument :

BNA_F

ClientSampled :

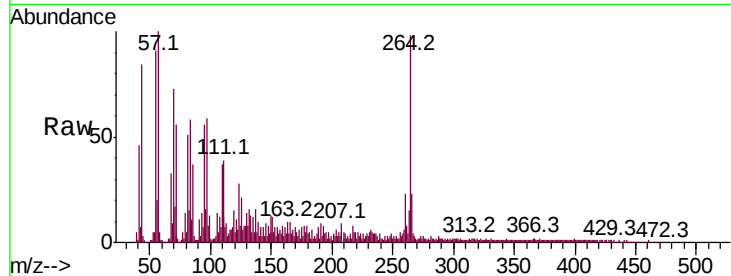
Tot Ion:264 Resp: 125158

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

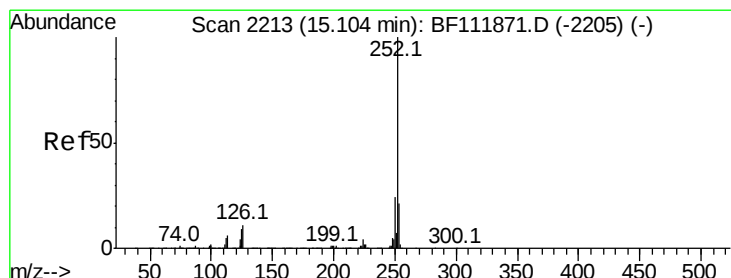
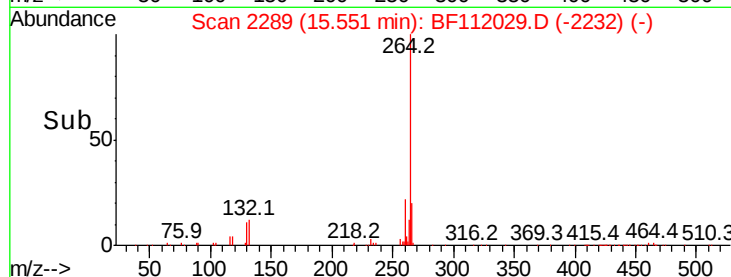
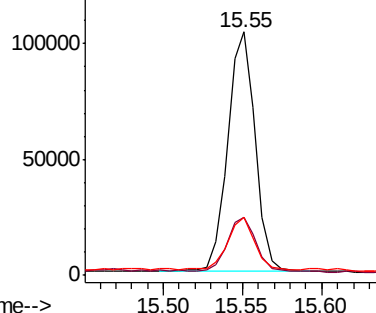
265 23.7 17.1 25.7



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: 47.998 ng

RT: 15.12 min Scan# 2215

Delta R.T. 0.03 min

Lab File: BF112029.D

Acq: 11 Jan 2019 21:33

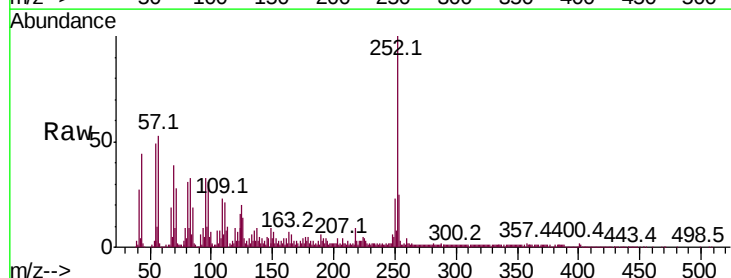
Tgt Ion:252 Resp: 359351

Ion Ratio Lower Upper

252 100

253 25.3 17.0 25.6

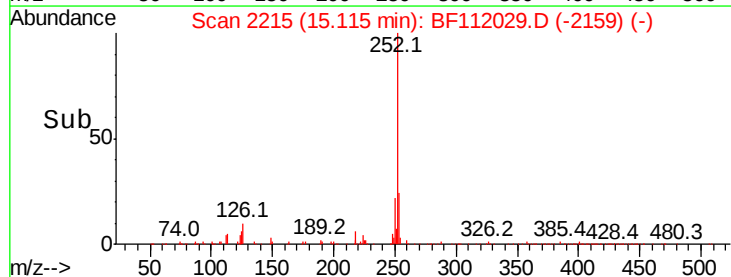
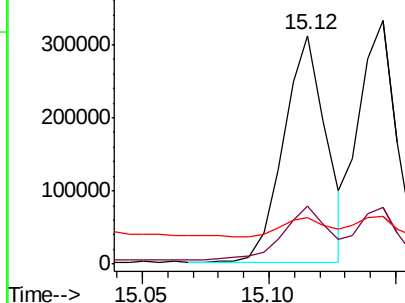
125 20.5 7.1 10.7#

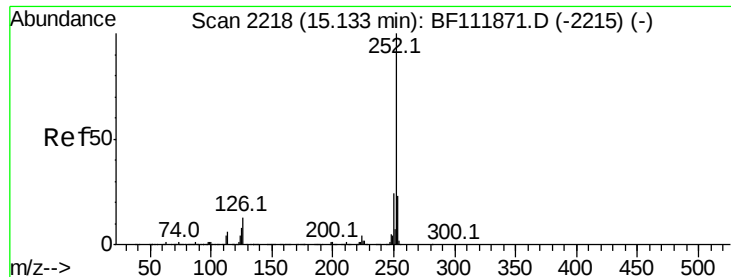


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

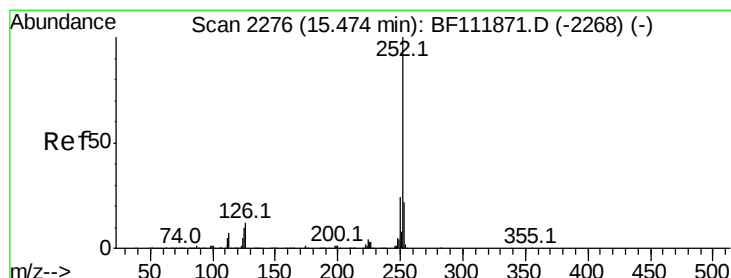
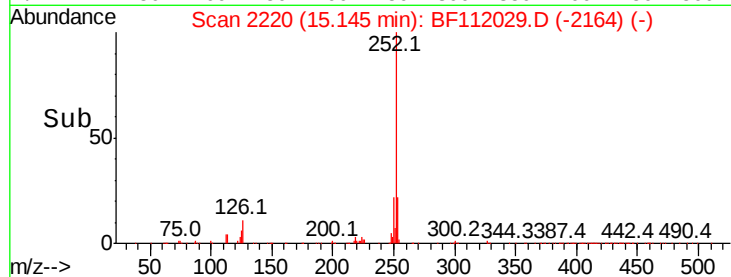
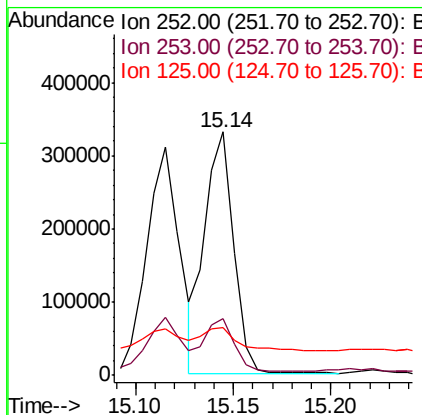
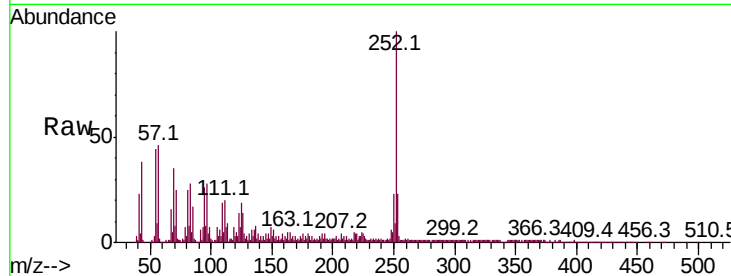




#89
Benzo(k)fluoranthene
Concen: 48.061 ng
RT: 15.14 min Scan# 2220
Delta R.T. 0.03 min
Lab File: BF112029.D
Acq: 11 Jan 2019 21:33

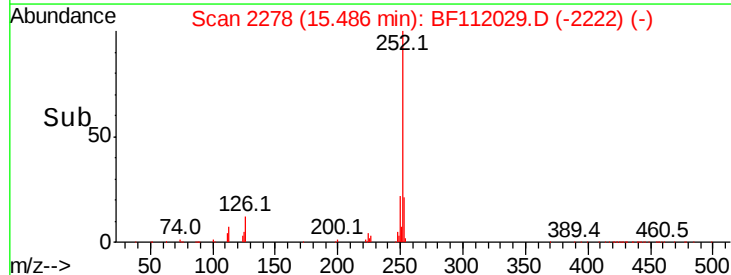
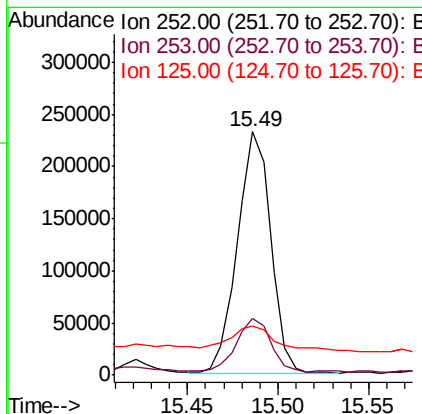
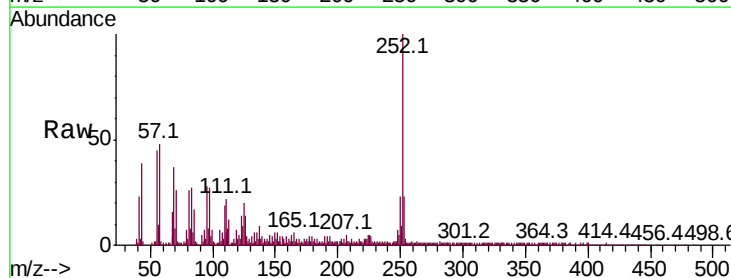
Instrument :
BNA_F
ClientSampleId :

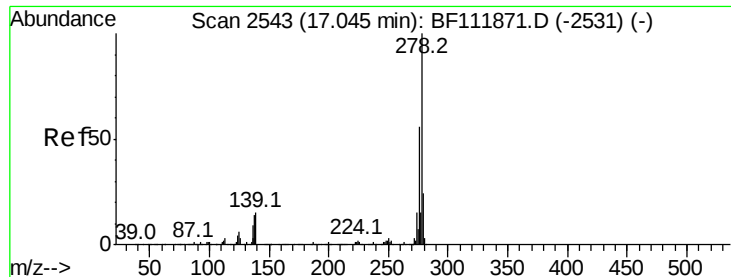
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.8	26.6
125	19.4	7.0	10.4



#90
Benzo(a)pyrene
Concen: 45.053 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.03 min
Lab File: BF112029.D
Acq: 11 Jan 2019 21:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.4	26.2
125	20.3	7.9	11.9

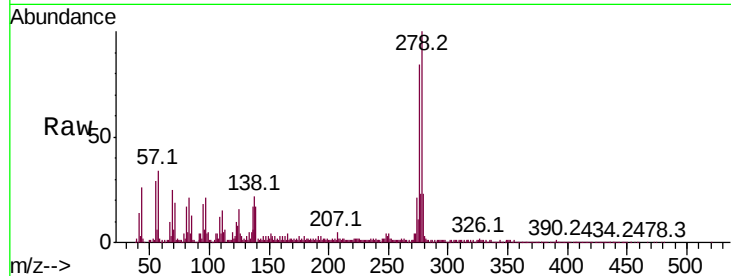




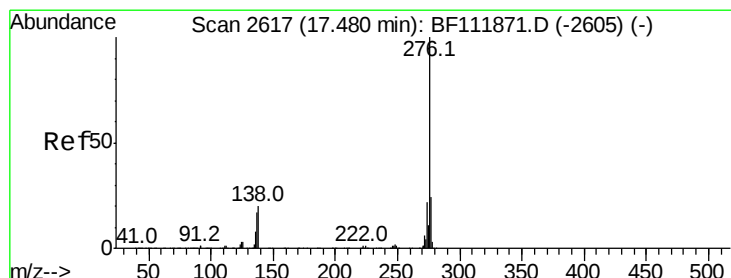
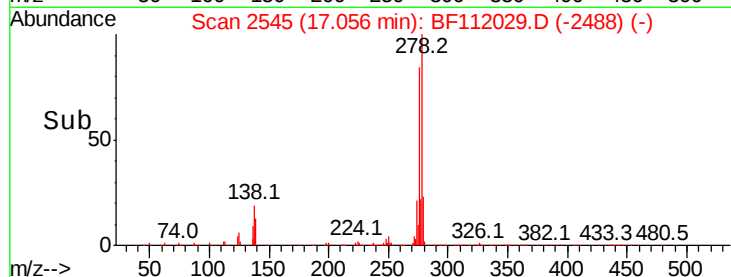
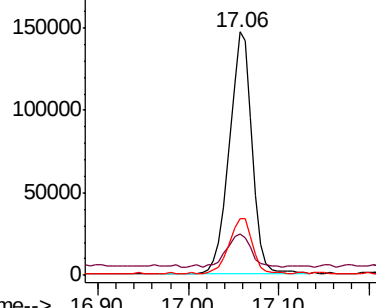
#91
Dibenzo(a,h)anthracene
Concen: 48.685 ng
RT: 17.06 min Scan# 2545
Delta R.T. 0.04 min
Lab File: BF112029.D
Acq: 11 Jan 2019 21:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.2	11.8	17.6
279	23.5	19.4	29.2

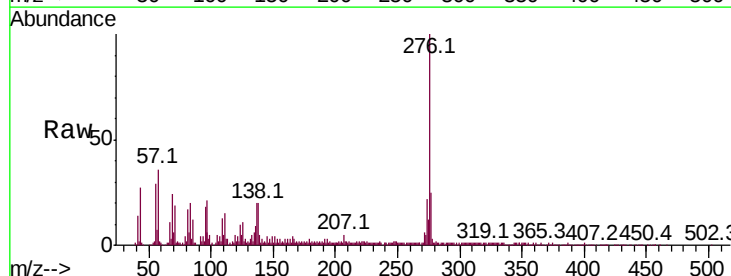


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 49.210 ng
RT: 17.50 min Scan# 2620
Delta R.T. 0.04 min
Lab File: BF112029.D
Acq: 11 Jan 2019 21:33

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.0	28.6
138	19.8	16.2	24.2



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

