

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010319\
 Data File : BF111829.D
 Acq On : 3 Jan 2019 19:00
 Operator : JU/SJ
 Sample : K1017-17MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 04 01:32:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	289750	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	1102921	20.00	ng	0.00
39) Acenaphthene-d10	9.95	164	543379	20.00	ng	0.01
64) Phenanthrene-d10	11.43	188	866959	20.00	ng	0.01
76) Chrysene-d12	14.07	240	569882	20.00	ng	0.02
87) Perylene-d12	15.55	264	453329	20.00	ng	0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	1836196	108.02	ng	0.03
7) Phenol-d6	6.55	99	2402266	111.04	ng	0.03
23) Nitrobenzene-d5	7.47	82	1545985	81.59	ng	0.01
42) 2,4,6-Tribromophenol	10.73	330	679152	105.78	ng	0.01
45) 2-Fluorobiphenyl	9.26	172	2544197	68.25	ng	0.00
79) Terphenyl-d14	13.01	244	1982284	65.97	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.73	88	194045	24.262	ng	97
3) Pyridine	3.50	79	571085	27.408	ng	97
4) n-Nitrosodimethylamine	3.43	42	324855	31.857	ng	92
6) Aniline	6.56	93	446822	16.203	ng	# 1
8) 2-Chlorophenol	6.70	128	628143	33.358	ng	96
9) Benzaldehyde	6.45	77	273123	18.357	ng	95
10) Phenol	6.56	94	839662	34.399	ng	86
11) bis(2-Chloroethyl)ether	6.63	93	602193	32.923	ng	96
12) 1,3-Dichlorobenzene	6.85	146	691835	31.703	ng	98
13) 1,4-Dichlorobenzene	6.92	146	701014	31.675	ng	97
14) 1,2-Dichlorobenzene	7.07	146	661575	32.040	ng	98
15) Benzyl Alcohol	7.05	79	563266	32.784	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1029054	30.547	ng	84
17) 2-Methylphenol	7.16	107	510217	33.839	ng	# 93
18) Hexachloroethane	7.42	117	231695	31.067	ng	# 87
19) n-Nitroso-di-n-propylamine	7.32	70	452649	31.506	ng	97
20) 3+4-Methylphenols	7.32	107	649551	34.094	ng	# 75
22) Acetophenone	7.31	105	846314	30.289	ng	# 91
24) Nitrobenzene	7.49	77	672426	33.860	ng	94
25) Isophorone	7.72	82	1204838	35.818	ng	99
26) 2-Nitrophenol	7.80	139	337613	41.917	ng	96
27) 2,4-Dimethylphenol	7.84	122	574085	36.158	ng	97
28) bis(2-Chloroethoxy)methane	7.93	93	780919	34.887	ng	98
29) 2,4-Dichlorophenol	8.05	162	569623	33.355	ng	94
30) 1,2,4-Trichlorobenzene	8.13	180	606883	31.891	ng	98
31) Naphthalene	8.21	128	1800152	33.969	ng	98
32) Benzoic acid	7.93	122	80508	7.669	ng	94
33) 4-Chloroaniline	8.25	127	217985	9.517	ng	96
34) Hexachlorobutadiene	8.33	225	361449	31.164	ng	99
35) Caprolactam	8.62	113	145278	25.105	ng	92
36) 4-Chloro-3-methylphenol	8.75	107	546678	32.566	ng	98
37) 2-Methylnaphthalene	8.90	142	1229042	35.647	ng	99
38) 1-Methylnaphthalene	9.00	142	1154700	34.871	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.07	216	594837	33.314	ng	# 97

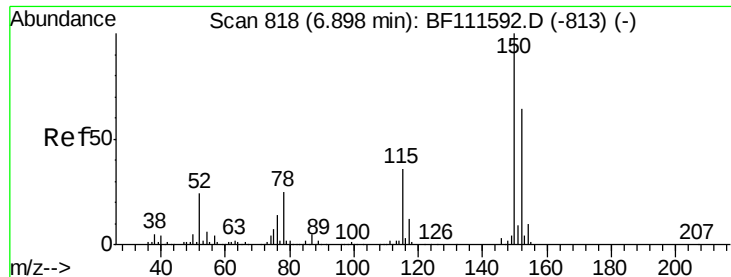
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	332546	38.380	nq	99
43) 2,4,6-Trichlorophenol	9.18	196	405867	34.046	nq	99
44) 2,4,5-Trichlorophenol	9.23	196	420537	34.386	nq	# 90
46) 1,1'-Biphenyl	9.36	154	1477888	32.219	nq	96
47) 2-Chloronaphthalene	9.39	162	1140810	31.391	nq	96
48) 2-Nitroaniline	9.48	65	362978	38.393	nq	95
49) Acenaphthylene	9.80	152	1782254	33.589	nq	97
50) Dimethylphthalate	9.66	163	1793818	45.144	nq	99
51) 2,6-Dinitrotoluene	9.72	165	304106	38.381	nq	99
52) Acenaphthene	9.97	154	1059269	32.368	nq	98
53) 3-Nitroaniline	9.89	138	210326	24.890	nq	100
54) 2,4-Dinitrophenol	9.99	184	80117	35.937	nq	92
55) Dibenzofuran	10.15	168	1567660	31.707	nq	92
56) 4-Nitrophenol	10.06	139	422720	65.551	nq	94
57) 2,4-Dinitrotoluene	10.13	165	387867	40.731	nq	# 87
58) Fluorene	10.49	166	1171619	32.885	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.27	232	340956	33.128	nq	# 86
60) Diethylphthalate	10.36	149	1304082	33.457	nq	98
61) 4-Chlorophenyl-phenylether	10.48	204	620627	31.530	nq	89
62) 4-Nitroaniline	10.50	138	254477	30.985	nq	96
63) Azobenzene	10.64	77	1176337	30.061	nq	96
65) 4,6-Dinitro-2-methylphenol	10.53	198	77905	25.404	nq	81
66) n-Nitrosodiphenylamine	10.60	169	1070720	36.792	nq	98
67) 4-Bromophenyl-phenylether	10.97	248	386745	35.966	nq	93
68) Hexachlorobenzene	11.05	284	400256	33.384	nq	# 92
69) Atrazine	11.12	200	358829	35.492	nq	95
70) Pentachlorophenol	11.24	266	355971	48.026	nq	96
71) Phenanthrene	11.45	178	1554620	33.812	nq	95
72) Anthracene	11.50	178	1575281	34.134	nq	96
73) Carbazole	11.66	167	1304556	29.116	nq	96
74) Di-n-butylphthalate	11.98	149	1787870	35.589	nq	97
75) Fluoranthene	12.64	202	1327013	28.502	nq	97
77) Benzidine	12.76	184	641392	29.910	nq	97
78) Pyrene	12.87	202	1281264	31.838	nq	95
80) Butylbenzylphthalate	13.48	149	562805	34.308	nq	# 87
81) Benzo(a)anthracene	14.06	228	1142802	35.138	nq	99
82) 3,3'-Dichlorobenzidine	14.02	252	394739	30.719	nq	# 96
83) Chrysene	14.09	228	1075669	33.651	nq	98
84) Bis(2-ethylhexyl)phthalate	14.04	149	798039	38.621	nq	# 98
85) Di-n-octyl phthalate	14.65	149	1279280	39.959	nq	95
86) Indeno(1,2,3-cd)pyrene	17.06	276	730353	26.877	nq	# 89
88) Benzo(b)fluoranthene	15.12	252	1010298	38.132	nq	# 97
89) Benzo(k)fluoranthene	15.14	252	878934	34.846	nq	98
90) Benzo(a)pyrene	15.49	252	841759	34.971	nq	# 93
91) Dibenzo(a,h)anthracene	17.07	278	621127	29.468	nq	# 92
92) Benzo(g,h,i)perylene	17.51	276	586666	28.504	nq	# 88

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

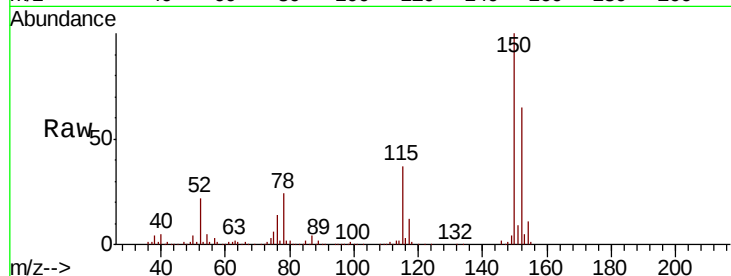


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF111829.D
Acq: 3 Jan 2019 19:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.1	126.6	189.8
115	56.5	50.7	76.1

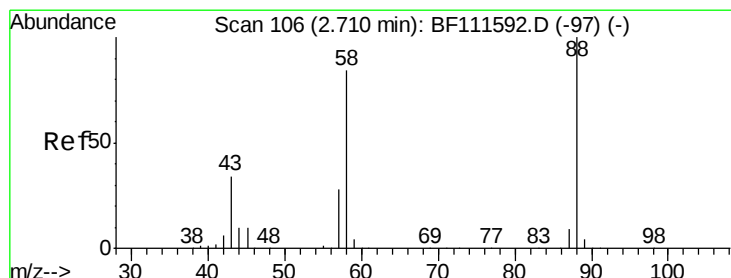
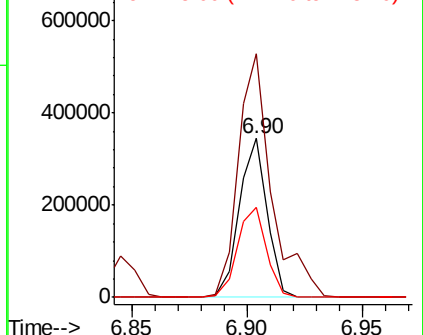
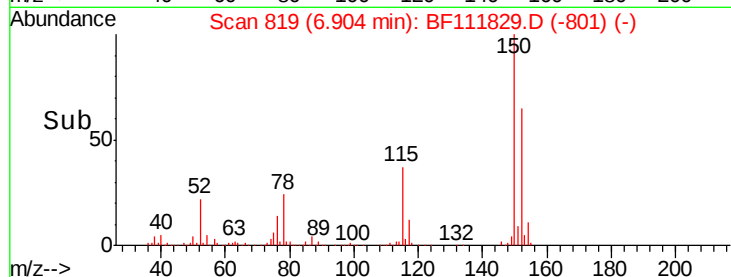


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

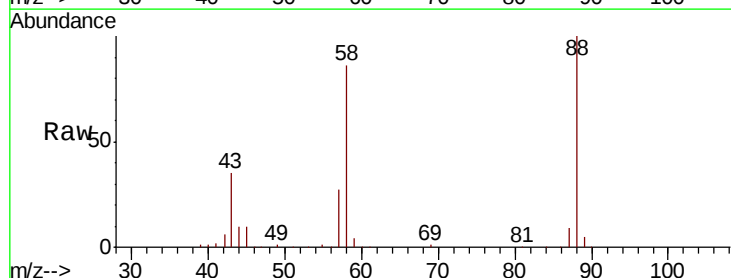
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 24.262 ng
RT: 2.73 min Scan# 109
Delta R.T. 0.02 min
Lab File: BF111829.D
Acq: 3 Jan 2019 19:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.0	68.9	103.3
43	34.2	25.8	38.6

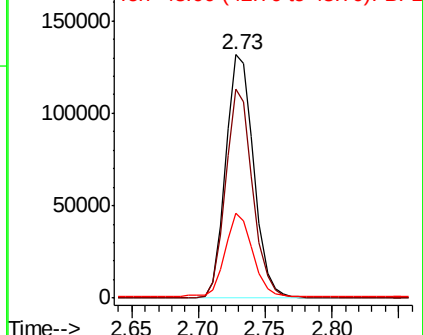
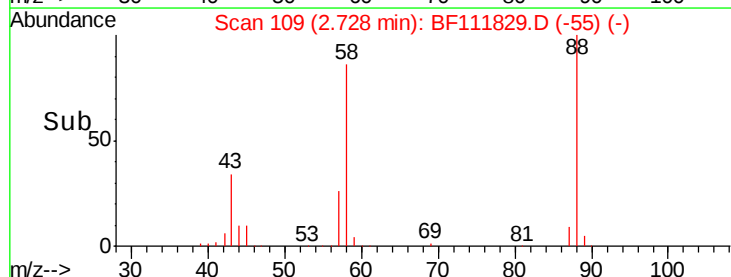


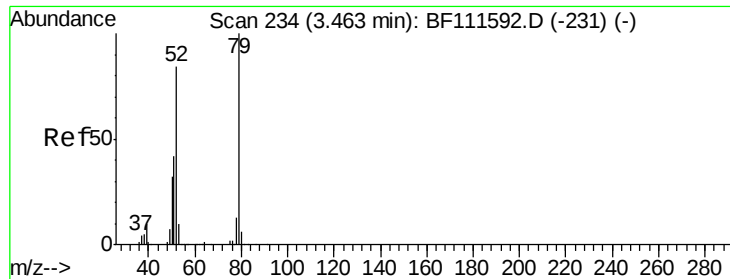
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 27.408 ng

RT: 3.50 min Scan# 241

Delta R.T. 0.04 min

Lab File: BF111829.D

Acq: 3 Jan 2019 19:00

Instrument :

BNA_F

ClientSampleId :

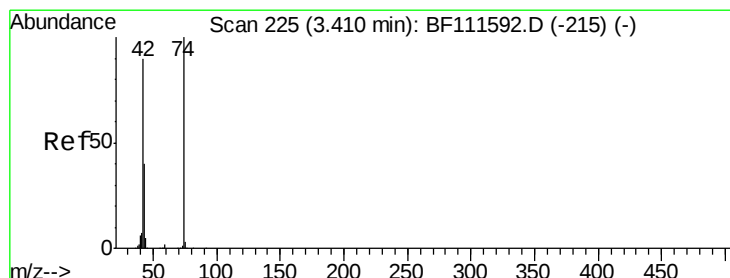
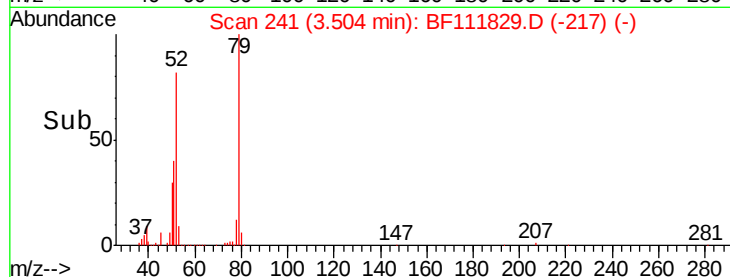
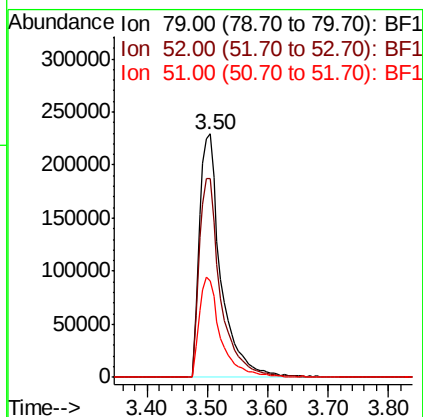
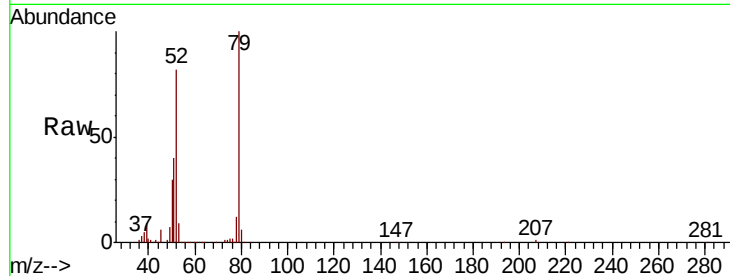
Tot Ion: 79 Resp: 571085

Ion Ratio Lower Upper

79 100

52 81.6 68.3 102.5

51 39.7 32.6 49.0



#4

n-Nitrosodimethylamine

Concen: 31.857 ng

RT: 3.43 min Scan# 229

Delta R.T. 0.02 min

Lab File: BF111829.D

Acq: 3 Jan 2019 19:00

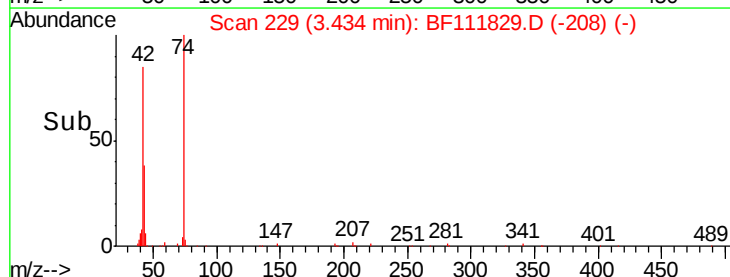
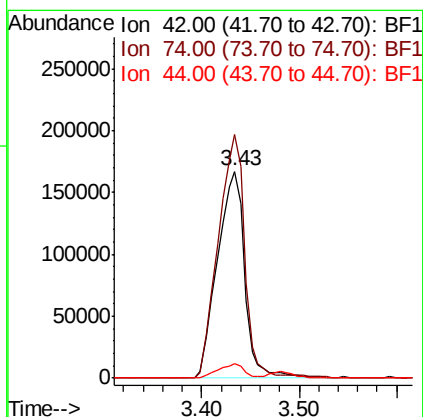
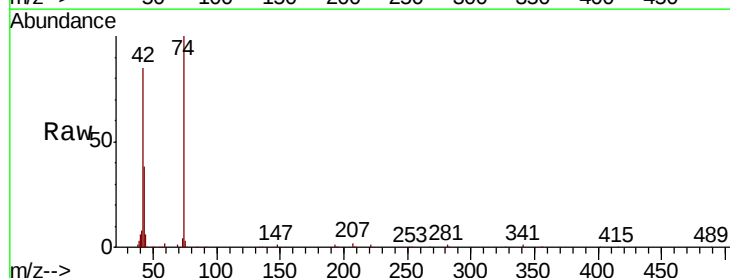
Tgt Ion: 42 Resp: 324855

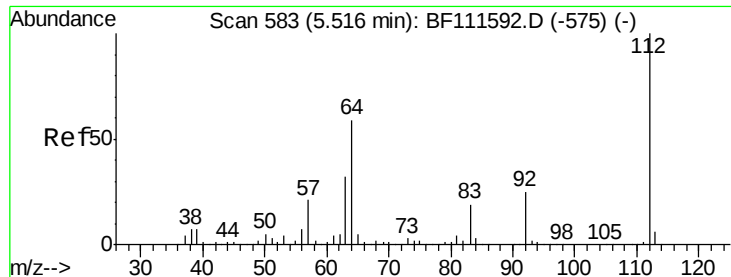
Ion Ratio Lower Upper

42 100

74 117.6 101.5 152.3

44 6.7 6.0 9.0





#5

2-Fluorophenol

Concen: 108.019 ng

RT: 5.55 min Scan# 588

Delta R.T. 0.03 min

Lab File: BF111829.D

Acq: 3 Jan 2019 19:00

Instrument :

BNA_F

ClientSampled :

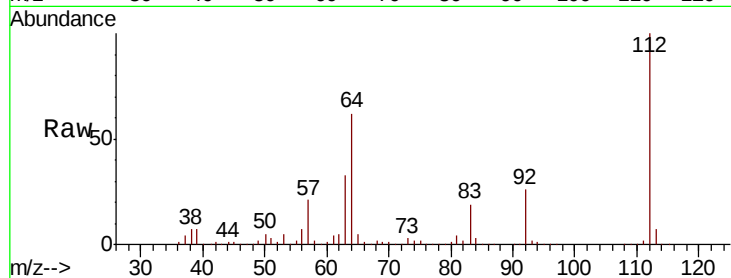
Tot Ion:112 Resp: 1836196

Ion Ratio Lower Upper

112 100

64 62.1 51.8 77.6

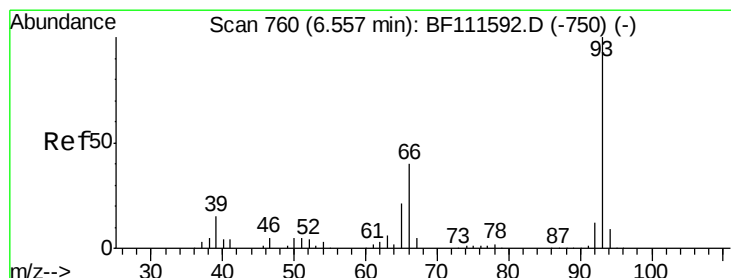
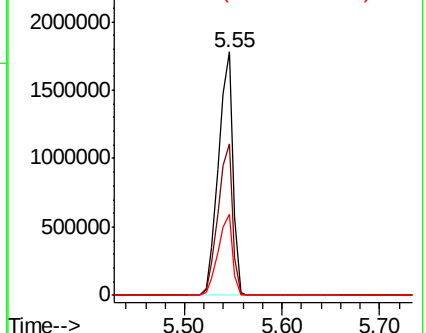
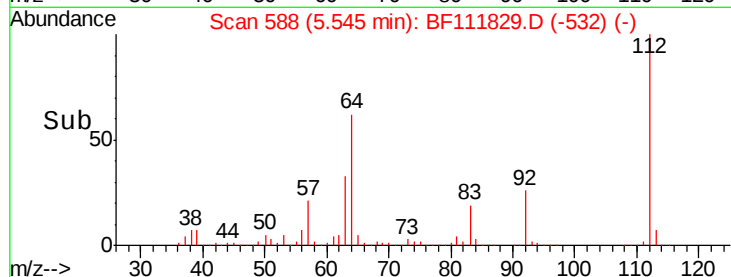
63 33.0 26.8 40.2



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 16.203 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.01 min

Lab File: BF111829.D

Acq: 3 Jan 2019 19:00

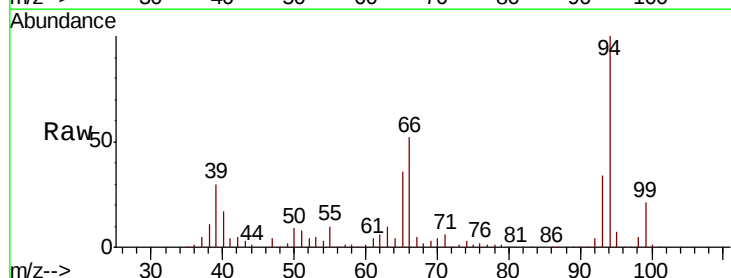
Tgt Ion: 93 Resp: 446822

Ion Ratio Lower Upper

93 100

66 153.8 33.2 49.8#

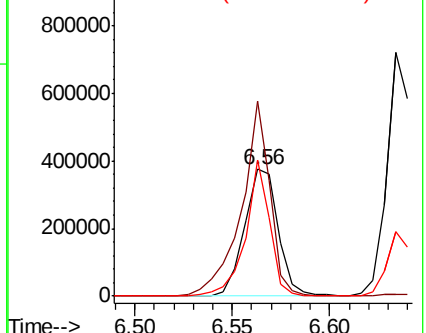
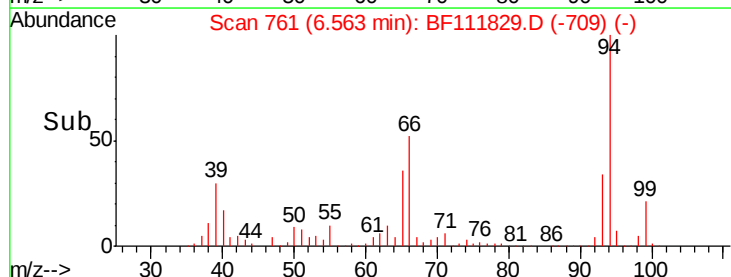
65 107.8 17.0 25.4#

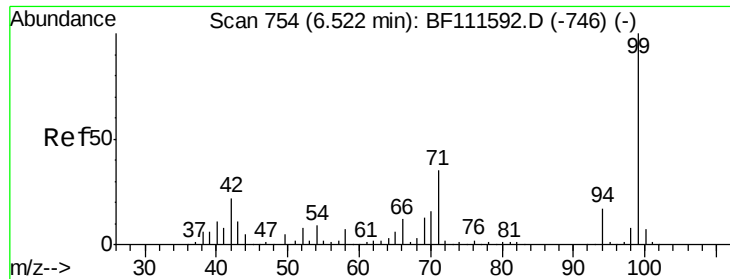


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 111.044 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.03 min

Lab File: BF111829.D

Acq: 3 Jan 2019 19:00

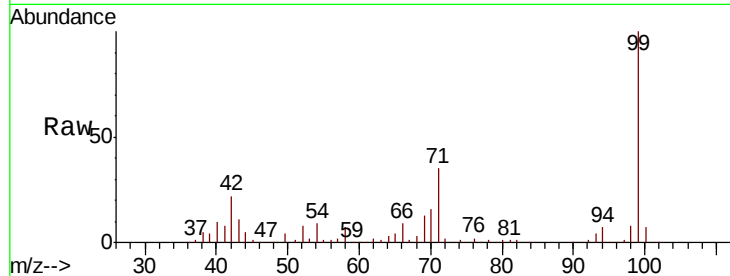
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 2402266

Ion	Ratio	Lower	Upper
99	100		
42	21.6	17.4	26.0
71	35.0	26.1	39.1

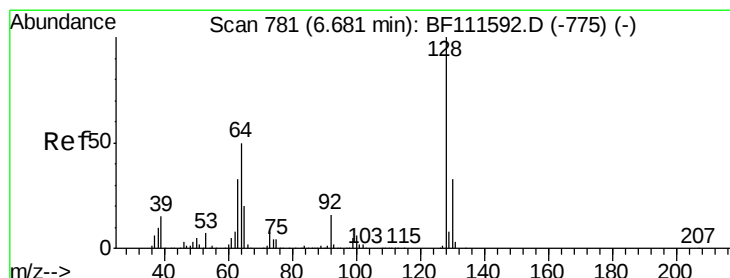
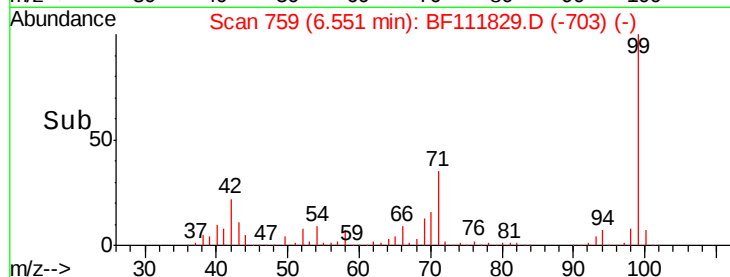


Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1

Time-->



#8

2-Chlorophenol

Concen: 33.358 ng

RT: 6.70 min Scan# 784

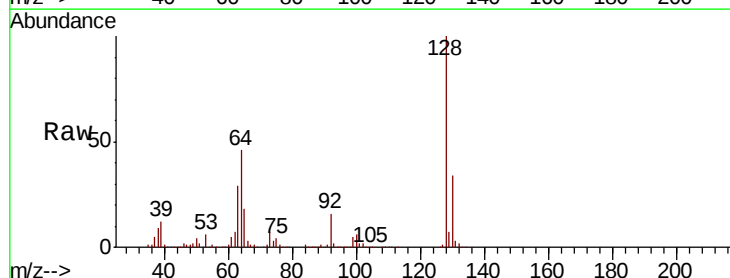
Delta R.T. 0.02 min

Lab File: BF111829.D

Acq: 3 Jan 2019 19:00

Tgt Ion: 128 Resp: 628143

Ion	Ratio	Lower	Upper
128	100		
130	33.6	12.7	52.7
64	46.0	30.0	70.0

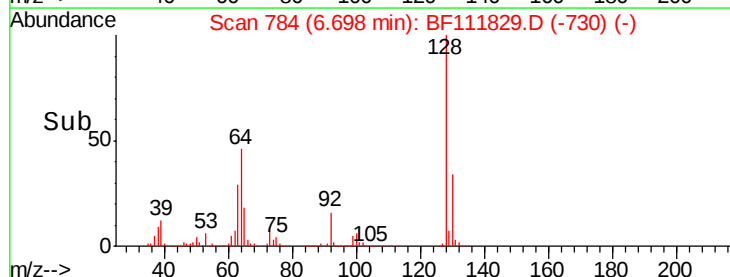


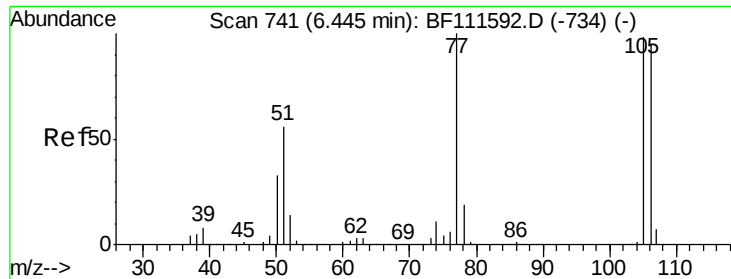
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

Time-->





#9

Benzaldehyde

Concen: 18.357 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF111829.D

Acq: 3 Jan 2019 19:00

Instrument :

BNA_F

ClientSampleId :

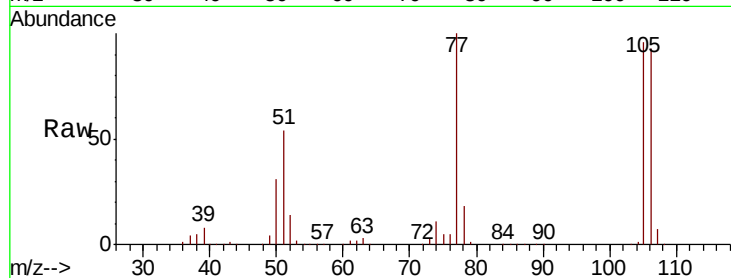
Tot Ion: 77 Resp: 273123

Ion Ratio Lower Upper

77 100

105 95.8 81.4 121.4

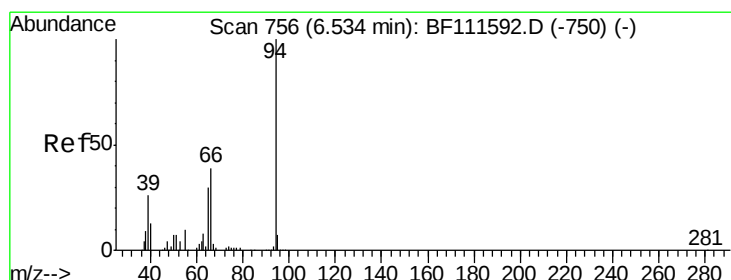
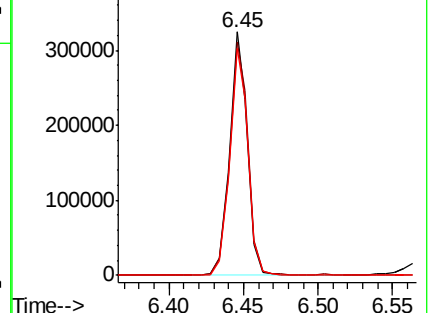
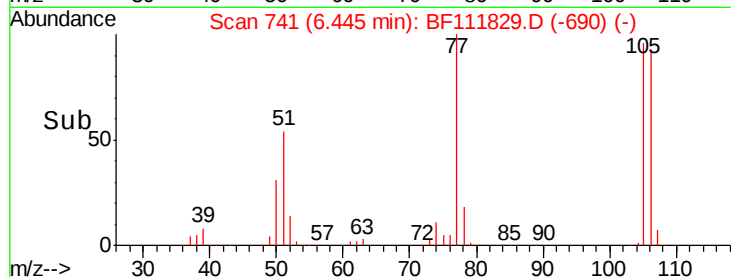
106 93.4 77.9 117.9



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: 34.399 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.03 min

Lab File: BF111829.D

Acq: 3 Jan 2019 19:00

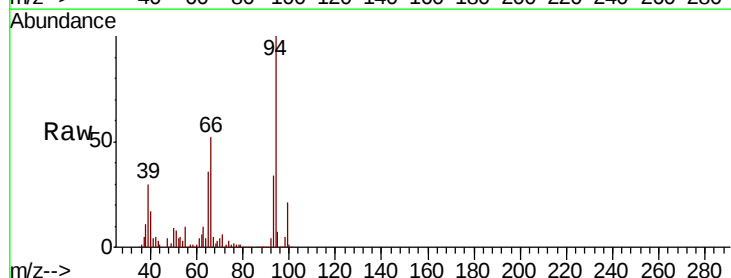
Tgt Ion: 94 Resp: 839662

Ion Ratio Lower Upper

94 100

65 36.4 11.7 51.7

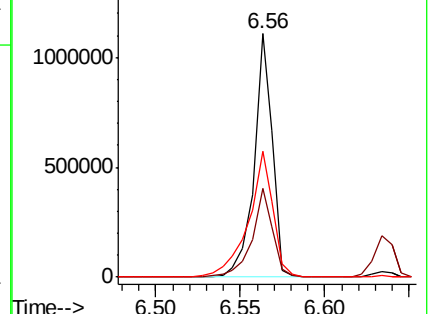
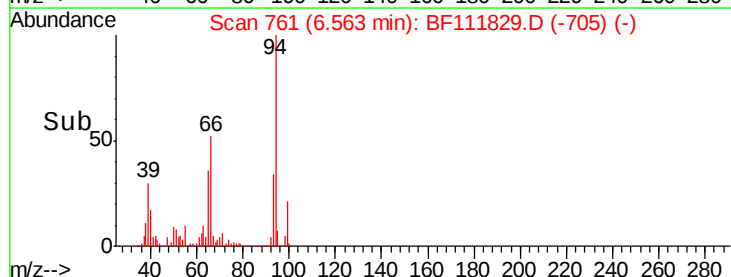
66 52.0 21.0 61.0

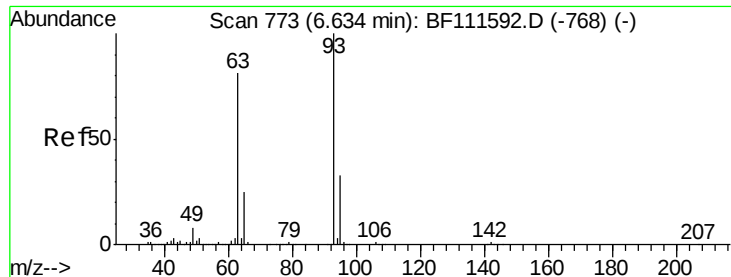


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

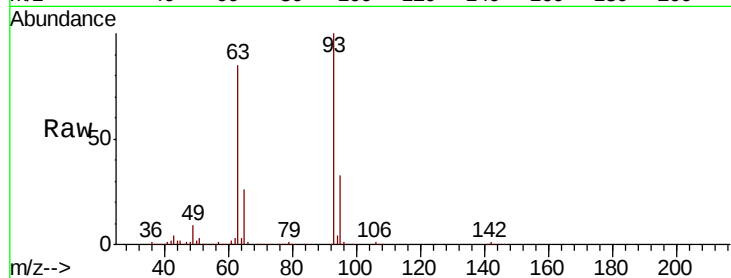




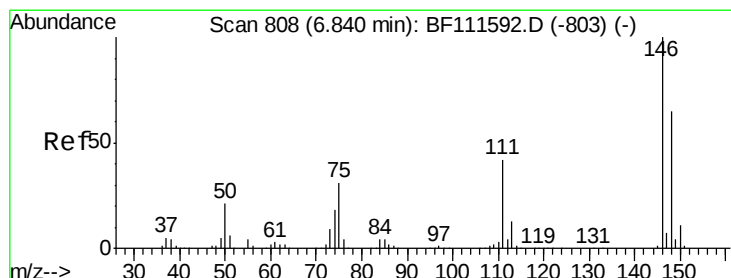
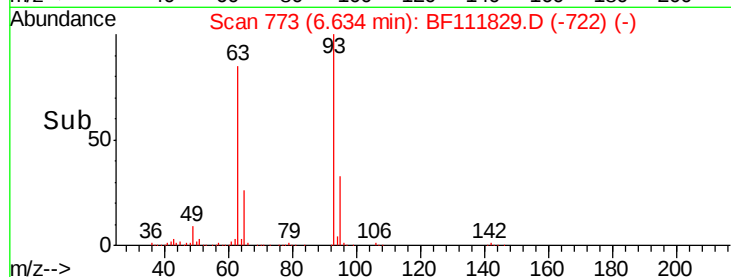
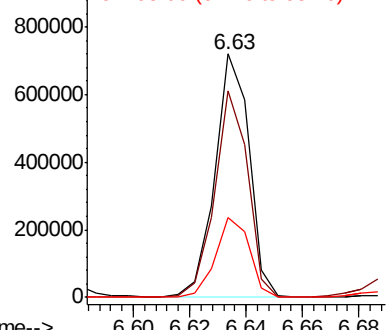
#11
bis(2-Chloroethyl)ether
Concen: 32.923 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.00 min
Lab File: BF111829.D
Acq: 3 Jan 2019 19:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 602193
Ion Ratio Lower Upper
93 100
63 84.7 60.0 100.0
95 32.6 13.4 53.4

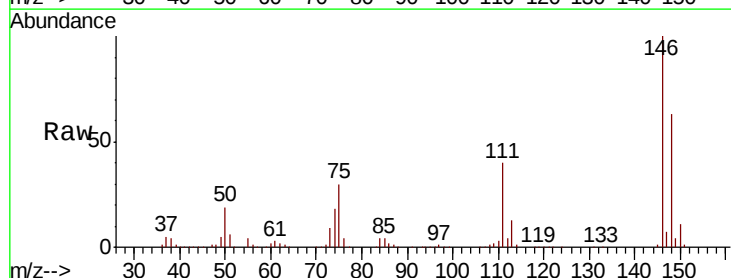


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

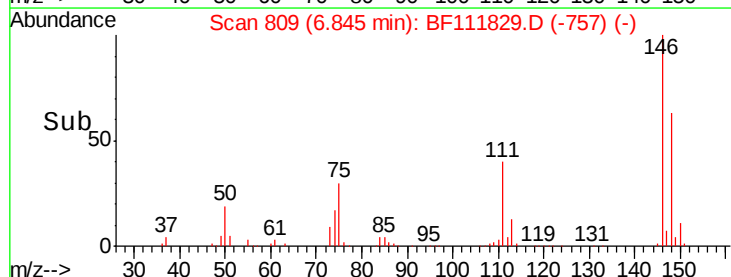
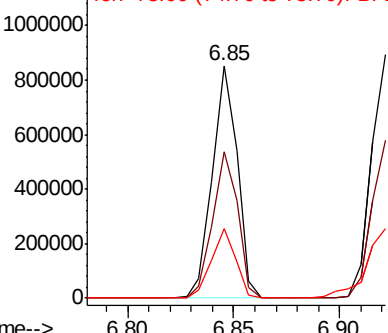


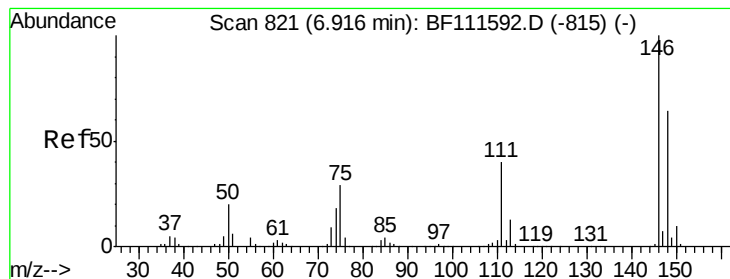
#12
1,3-Dichlorobenzene
Concen: 31.703 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.01 min
Lab File: BF111829.D
Acq: 3 Jan 2019 19:00

Tgt Ion: 146 Resp: 691835
Ion Ratio Lower Upper
146 100
148 62.8 52.1 78.1
75 30.0 23.9 35.9



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





#13

1,4-Dichlorobenzene

Concen: 31.675 ng

RT: 6.92 min Scan# 822

Delta R.T. 0.01 min

Lab File: BF111829.D

Acq: 3 Jan 2019 19:00

Instrument :

BNA_F

ClientSampled :

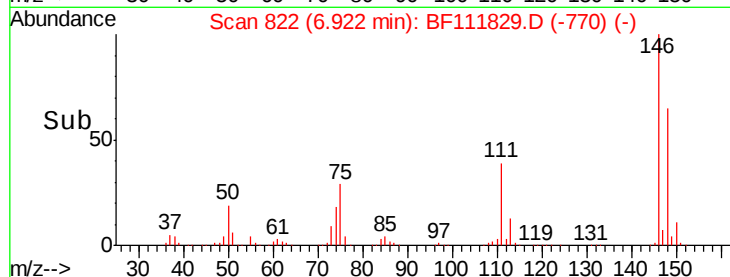
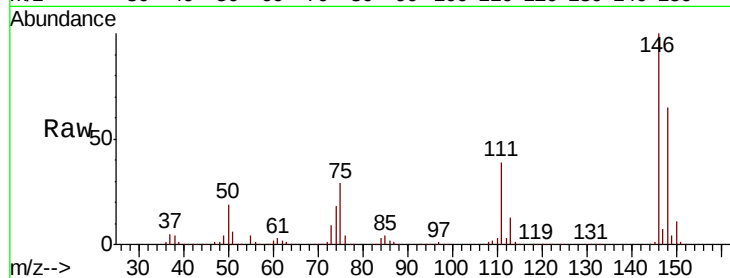
Tot Ion:146 Resp: 701014

Ion Ratio Lower Upper

146 100

148 64.8 52.8 79.2

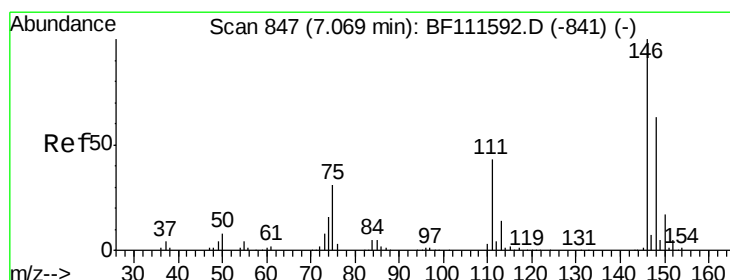
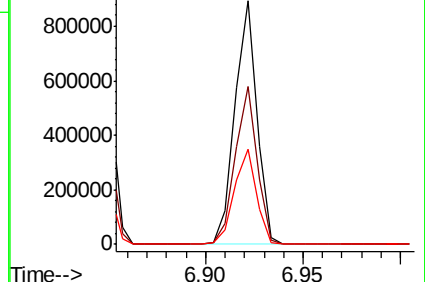
111 39.2 33.4 50.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 32.040 ng

RT: 7.07 min Scan# 848

Delta R.T. 0.01 min

Lab File: BF111829.D

Acq: 3 Jan 2019 19:00

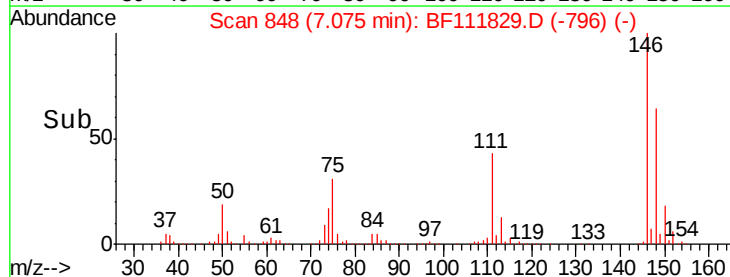
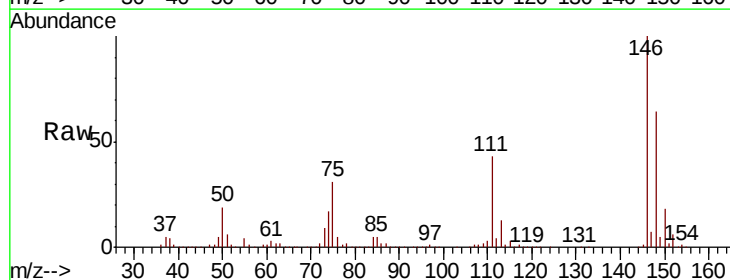
Tgt Ion:146 Resp: 661575

Ion Ratio Lower Upper

146 100

148 63.9 51.9 77.9

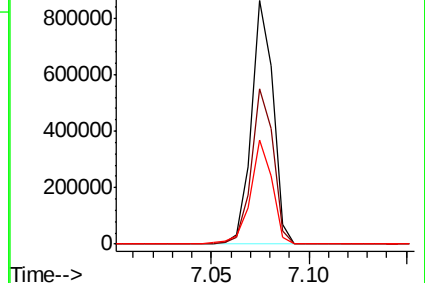
111 42.6 36.2 54.4

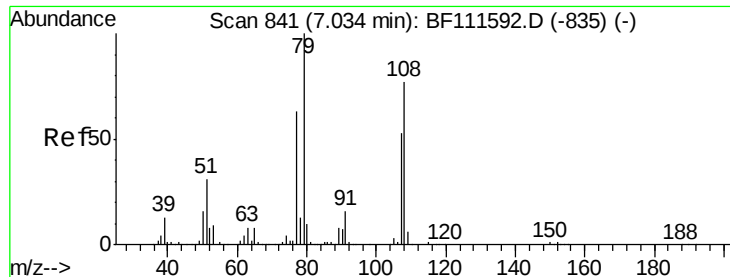


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 32.784 ng

RT: 7.05 min Scan# 843

Delta R.T. 0.01 min

Lab File: BF111829.D

Acq: 3 Jan 2019 19:00

Instrument :

BNA_F

ClientSampleId :

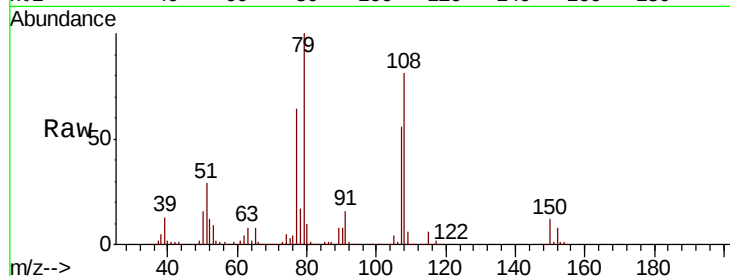
Tot Ion: 79 Resp: 563266

Ion Ratio Lower Upper

79 100

108 80.7 69.4 104.2

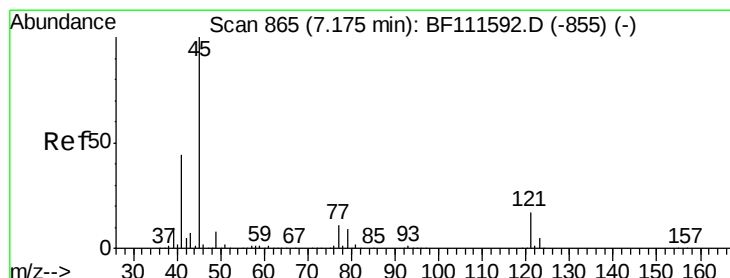
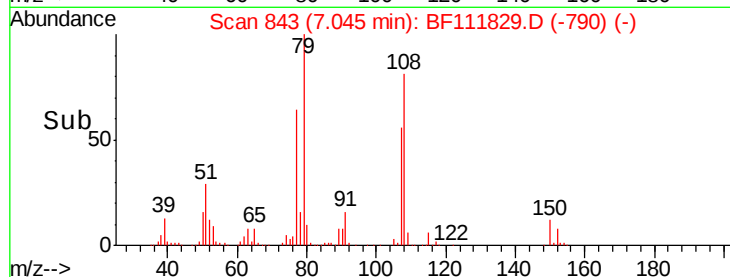
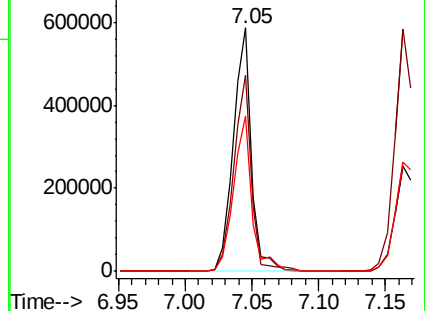
77 63.6 49.7 74.5



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: 30.547 ng

RT: 7.17 min Scan# 865

Delta R.T. -0.00 min

Lab File: BF111829.D

Acq: 3 Jan 2019 19:00

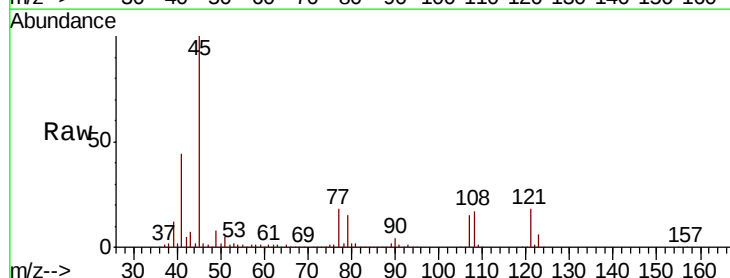
Tgt Ion: 45 Resp: 1029054

Ion Ratio Lower Upper

45 100

77 17.6 0.0 31.5

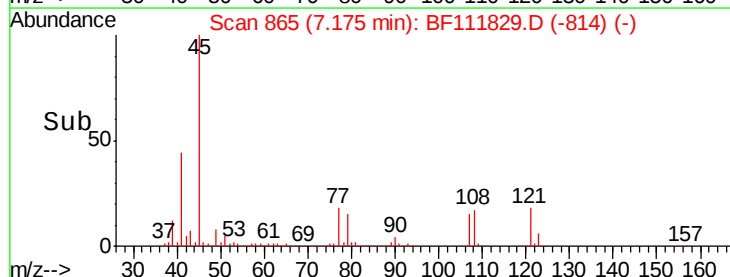
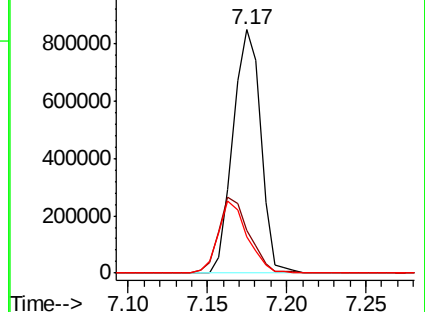
79 14.8 0.0 28.9

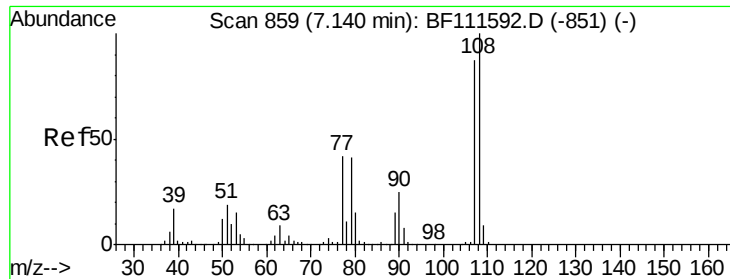


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

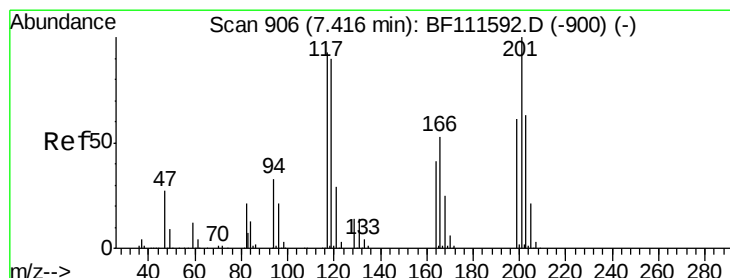
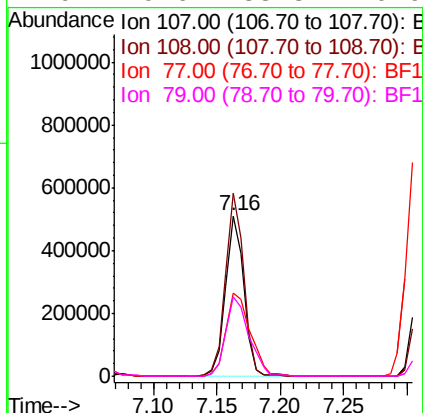
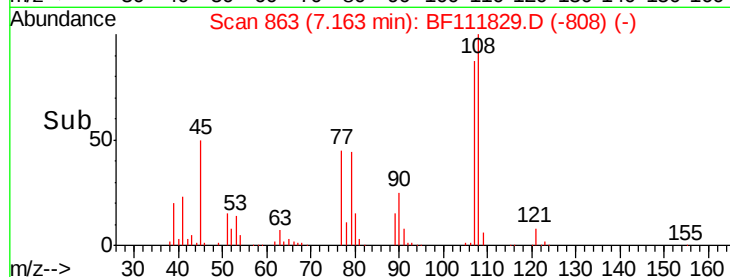
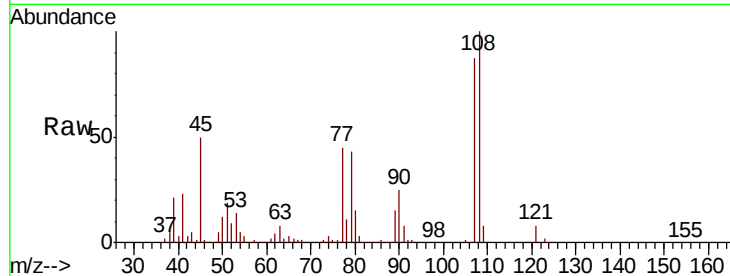




#17
2-Methylphenol
Concen: 33.839 ng
RT: 7.16 min Scan# 863
Delta R.T. 0.02 min
Lab File: BF111829.D
Acq: 3 Jan 2019 19:00

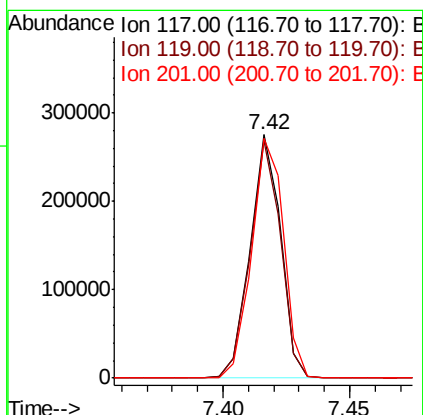
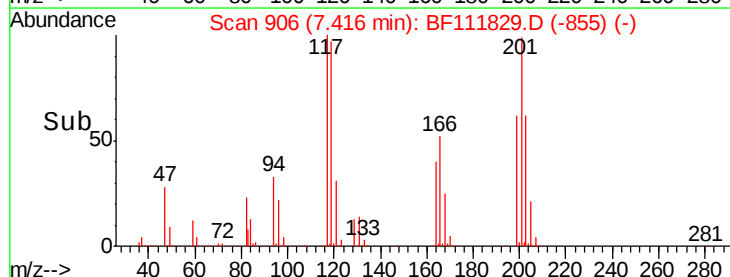
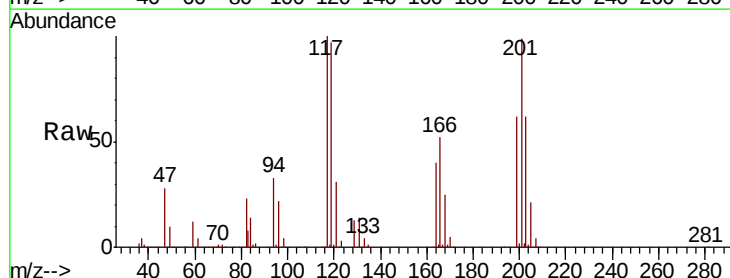
Instrument :
BNA_F
ClientSampled :

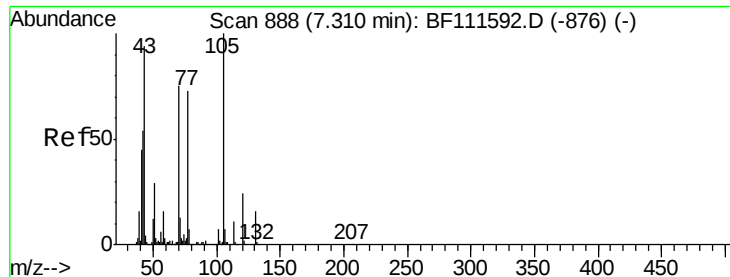
Tot Ion	Ratio	Lower	Upper
107	100		
108	114.6	91.0	136.4
77	51.8	33.5	50.3
79	49.6	33.3	49.9



#18
Hexachloroethane
Concen: 31.067 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF111829.D
Acq: 3 Jan 2019 19:00

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.4	75.4	113.0
201	98.5	62.4	93.6

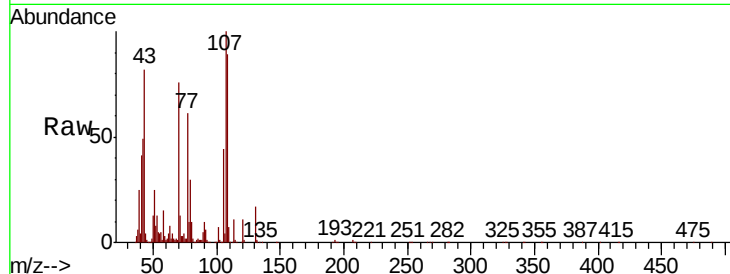




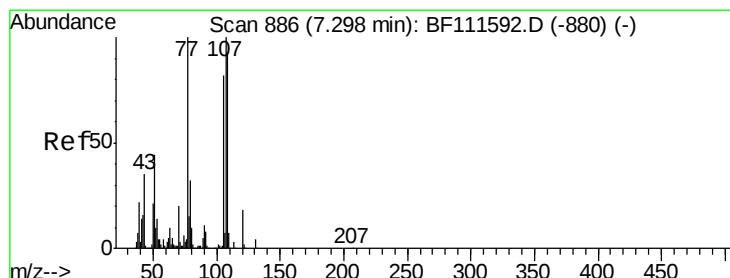
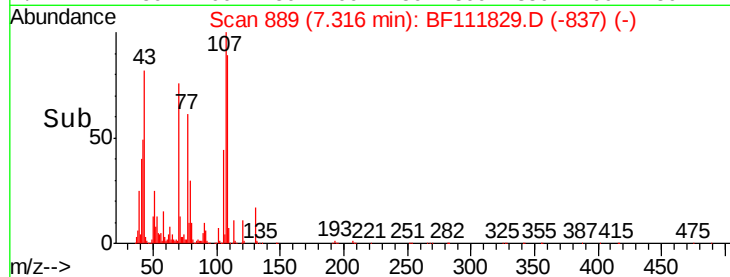
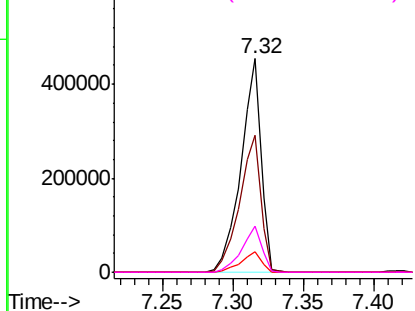
#19
n-Nitroso-di-n-propylamine
Concen: 31.506 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.01 min
Lab File: BF111829.D
Acq: 3 Jan 2019 19:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	452649
Ion	Ratio	Lower	Upper
70	100		
42	64.1	53.2	79.8
101	9.6	8.2	12.4
130	21.9	18.1	27.1



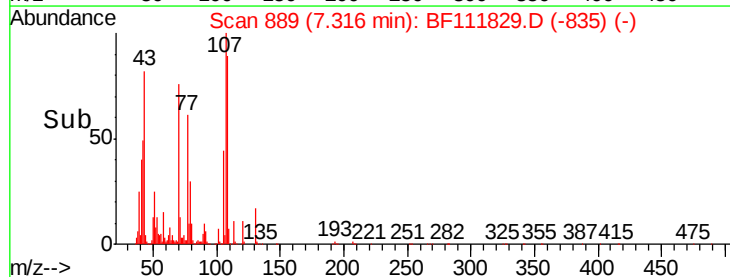
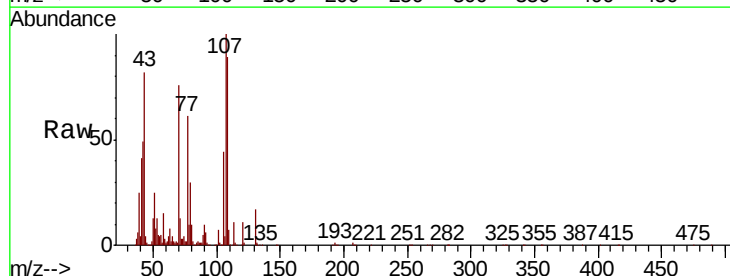
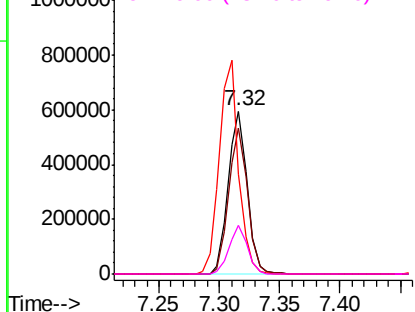
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

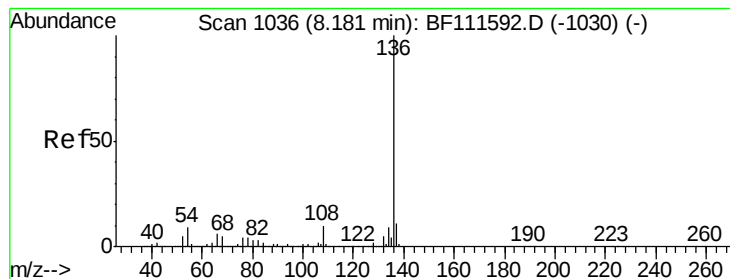


#20
3+4-Methylphenols
Concen: 34.094 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.02 min
Lab File: BF111829.D
Acq: 3 Jan 2019 19:00

Tgt Ion:	107	Resp:	649551
Ion	Ratio	Lower	Upper
107	100		
108	89.5	72.1	112.1
77	61.4	94.1	134.1#
79	30.2	9.8	49.8

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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.19 min Scan# 1037

Delta R.T. 0.01 min

Lab File: BF111829.D

Acq: 3 Jan 2019 19:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1102921

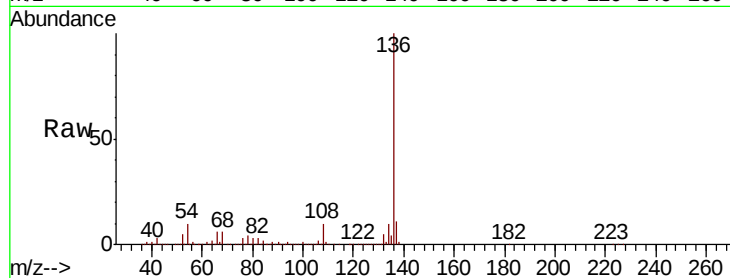
Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 9.5 7.7 11.5

68 6.3 4.9 7.3

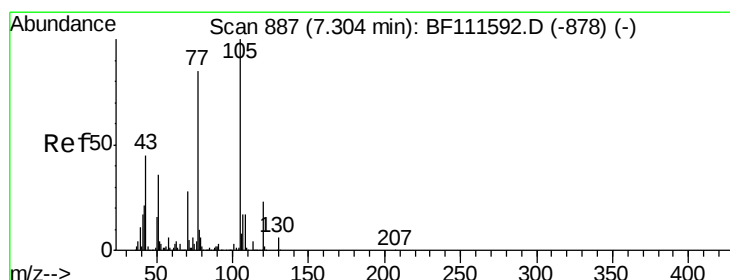
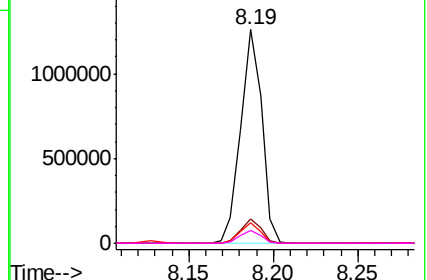
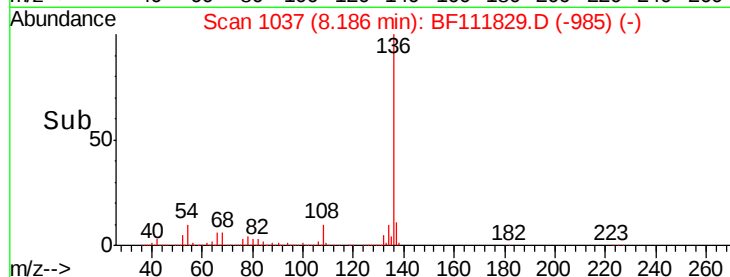


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 30.289 ng

RT: 7.31 min Scan# 888

Delta R.T. 0.01 min

Lab File: BF111829.D

Acq: 3 Jan 2019 19:00

Tgt Ion:105 Resp: 846314

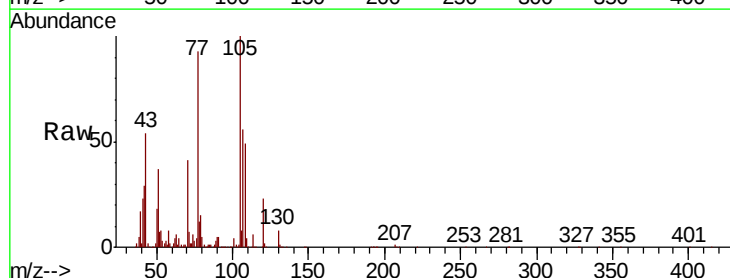
Ion Ratio Lower Upper

105 100

71 6.8 3.1 4.7#

51 37.0 36.6 54.8

120 23.4 18.2 27.4

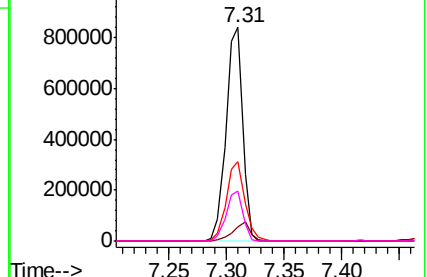
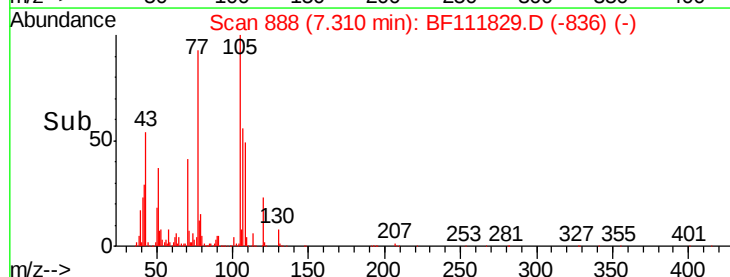


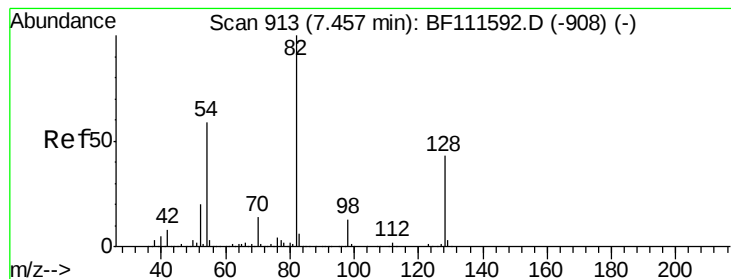
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 81.591 ng

RT: 7.47 min Scan# 915

Delta R.T. 0.01 min

Lab File: BF111829.D

Acq: 3 Jan 2019 19:00

Instrument :

BNA_F

ClientSampled :

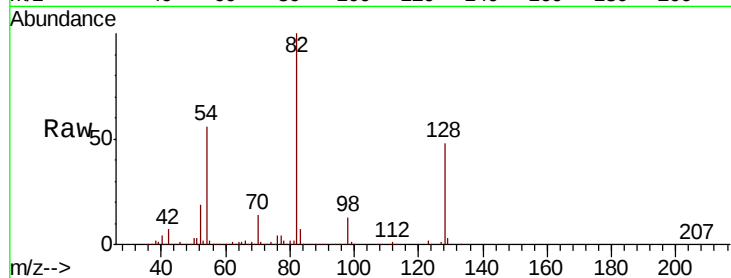
Tot Ion: 82 Resp: 1545985

Ion Ratio Lower Upper

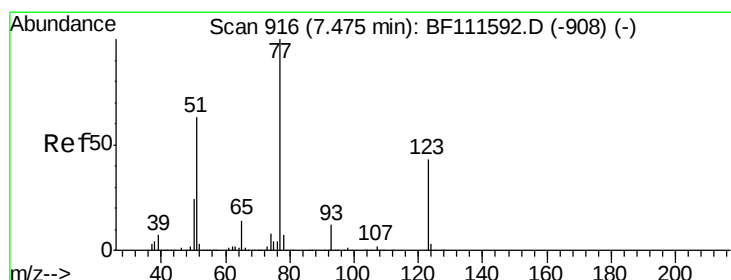
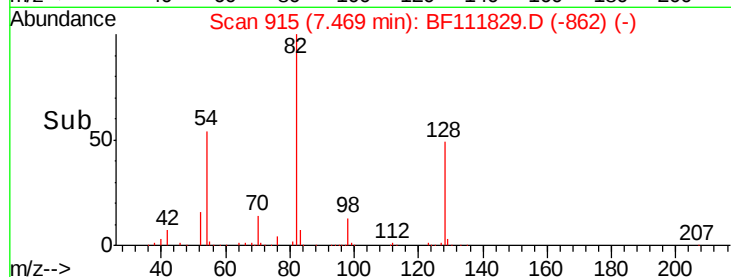
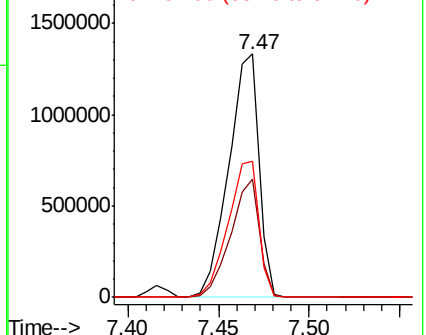
82 100

128 48.5 37.4 56.2

54 55.7 47.6 71.4



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



#24

Nitrobenzene

Concen: 33.860 ng

RT: 7.49 min Scan# 918

Delta R.T. 0.01 min

Lab File: BF111829.D

Acq: 3 Jan 2019 19:00

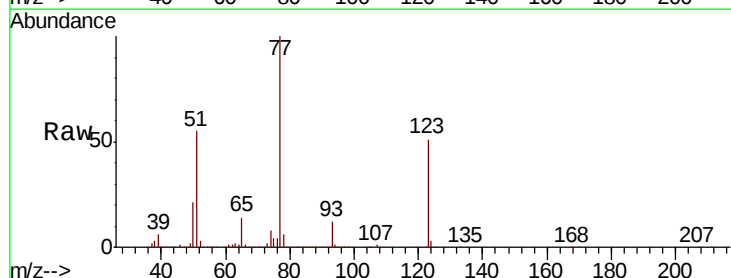
Tgt Ion: 77 Resp: 672426

Ion Ratio Lower Upper

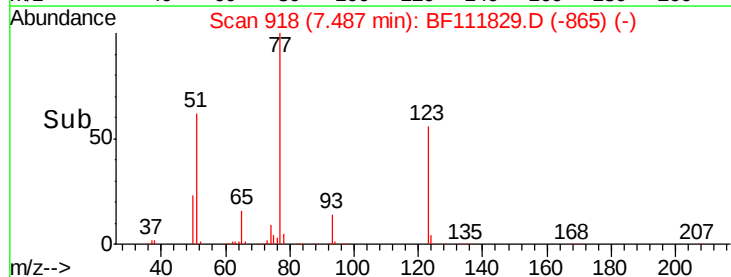
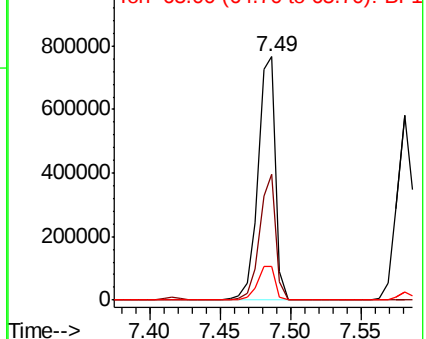
77 100

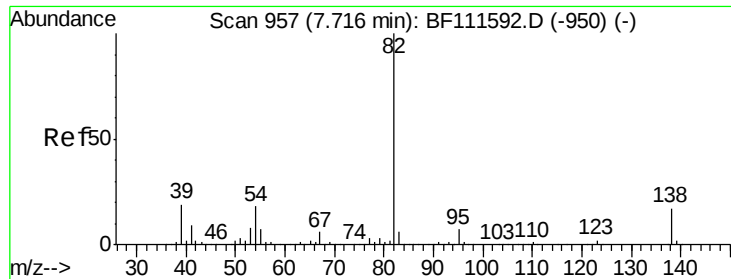
123 51.5 37.2 55.8

65 13.6 11.5 17.3



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

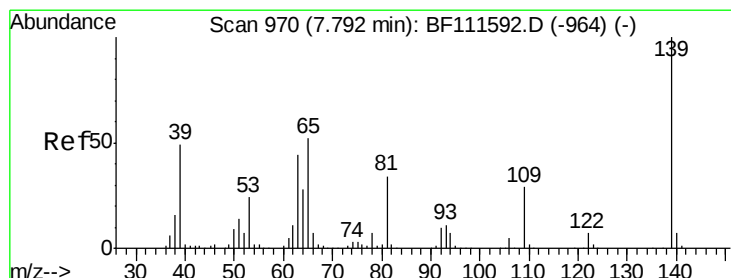
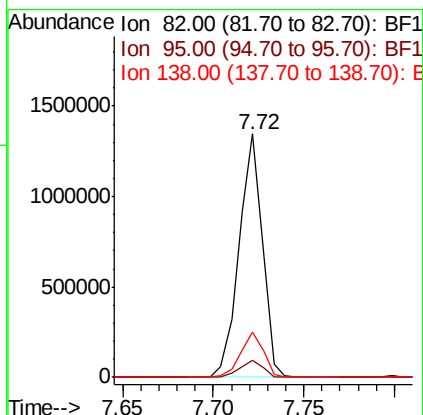
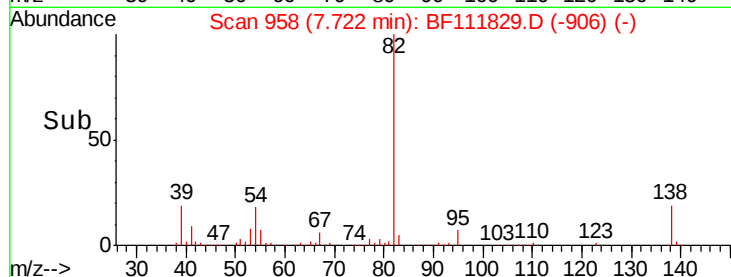
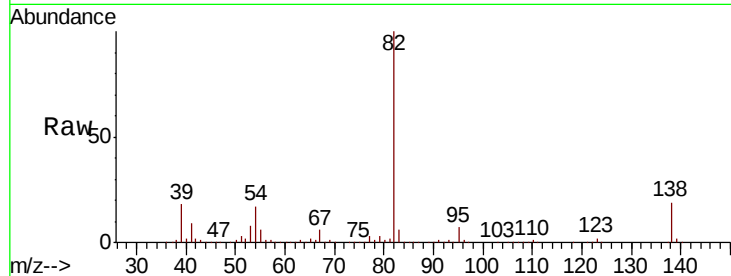




#25
Isophorone
Concen: 35.818 ng
RT: 7.72 min Scan# 958
Delta R.T. 0.01 min
Lab File: BF111829.D
Acq: 3 Jan 2019 19:00

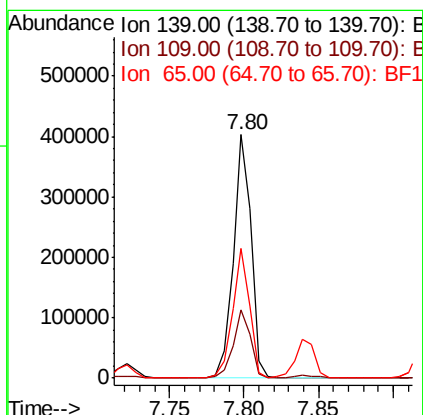
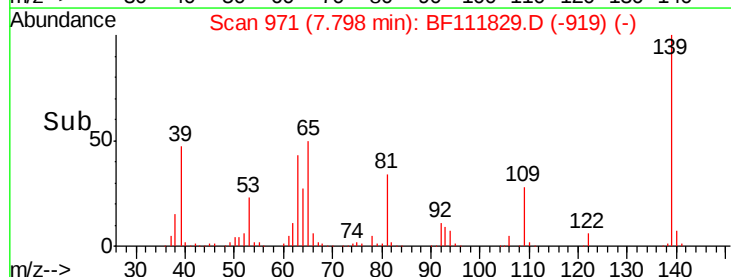
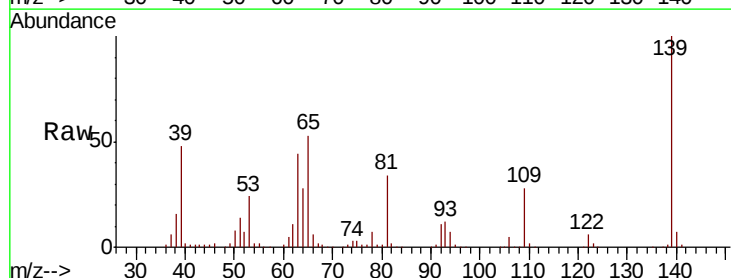
Instrument :
BNA_F
ClientSampleId :

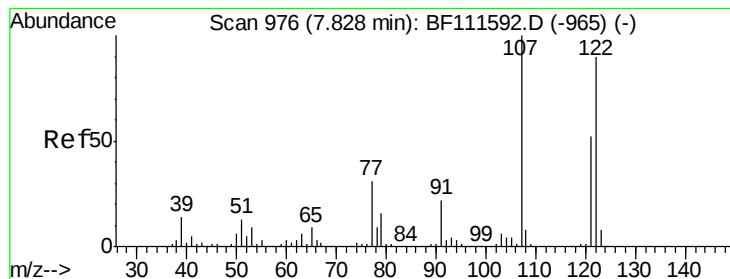
Tot Ion: 82 Resp: 1204838
Ion Ratio Lower Upper
82 100
95 7.0 5.4 8.2
138 18.5 15.1 22.7



#26
2-Nitrophenol
Concen: 41.917 ng
RT: 7.80 min Scan# 971
Delta R.T. 0.01 min
Lab File: BF111829.D
Acq: 3 Jan 2019 19:00

Tgt Ion: 139 Resp: 337613
Ion Ratio Lower Upper
139 100
109 28.0 20.2 30.4
65 53.1 40.7 61.1





#27

2,4-Dimethylphenol

Concen: 36.158 ng

RT: 7.84 min Scan# 978

Delta R.T. 0.01 min

Lab File: BF111829.D

Acq: 3 Jan 2019 19:00

Instrument :

BNA_F

ClientSampled :

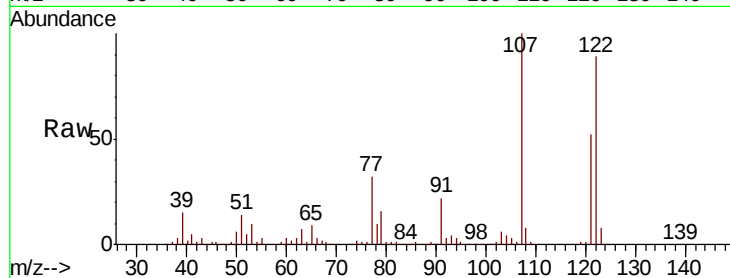
Tot Ion:122 Resp: 574085

Ion Ratio Lower Upper

122 100

107 112.0 85.5 128.3

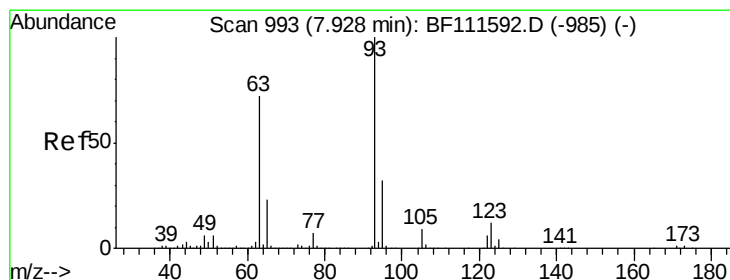
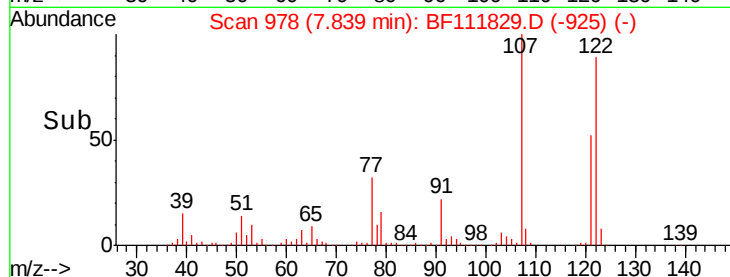
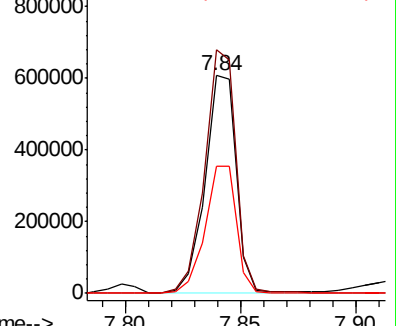
121 58.2 46.6 70.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 34.887 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.00 min

Lab File: BF111829.D

Acq: 3 Jan 2019 19:00

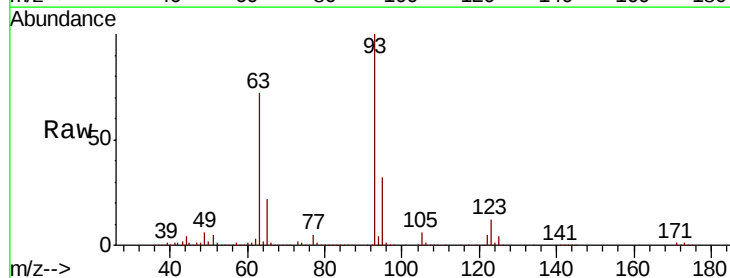
Tgt Ion: 93 Resp: 780919

Ion Ratio Lower Upper

93 100

95 32.3 27.1 40.7

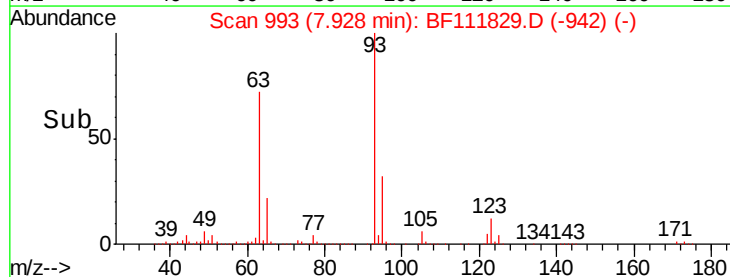
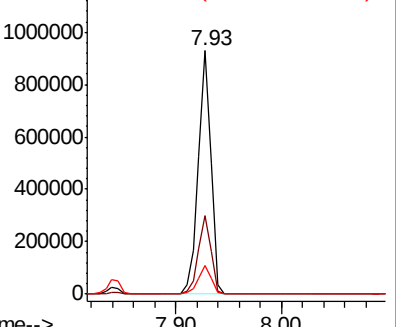
123 12.0 9.9 14.9

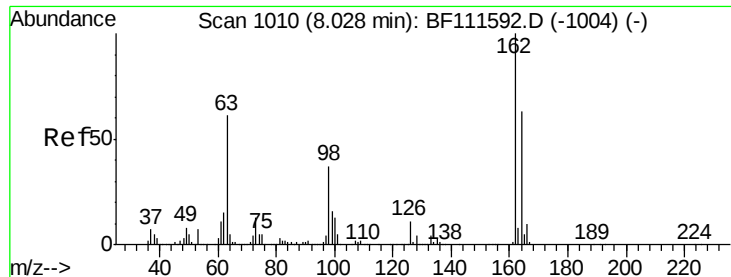


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

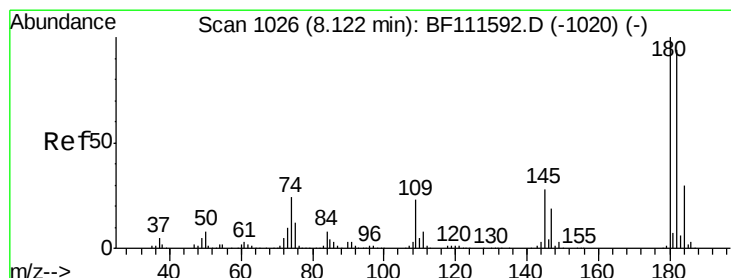
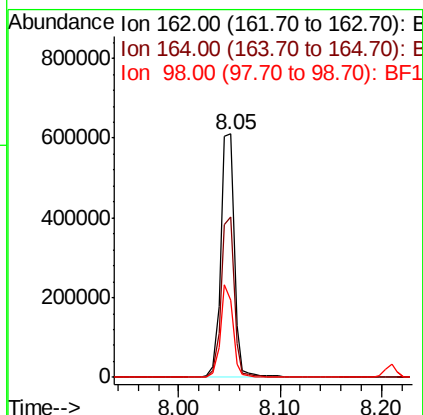
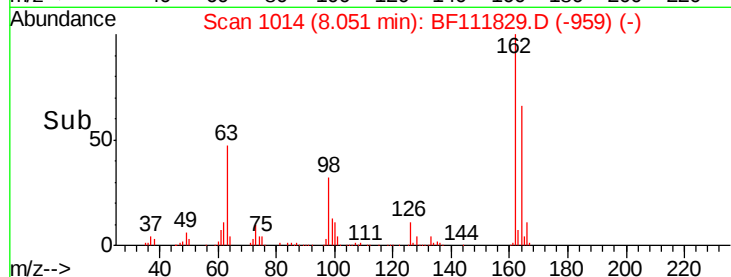
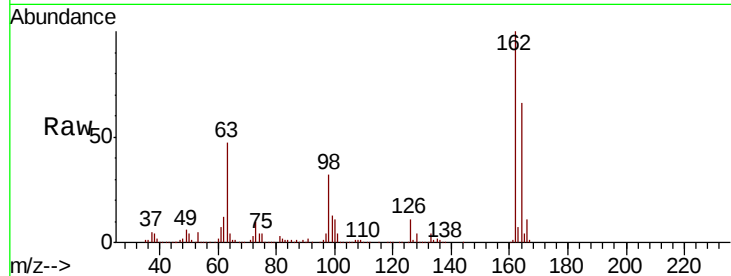




#29
2,4-Dichlorophenol
Concen: 33.355 ng
RT: 8.05 min Scan# 1014
Delta R.T. 0.02 min
Lab File: BF111829.D
Acq: 3 Jan 2019 19:00

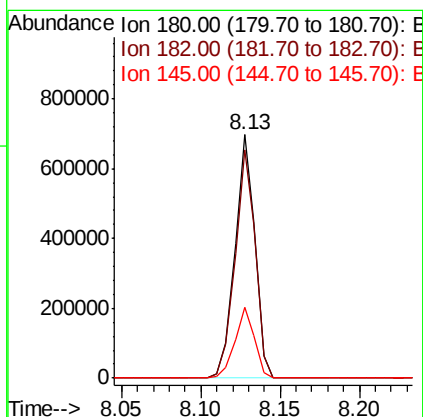
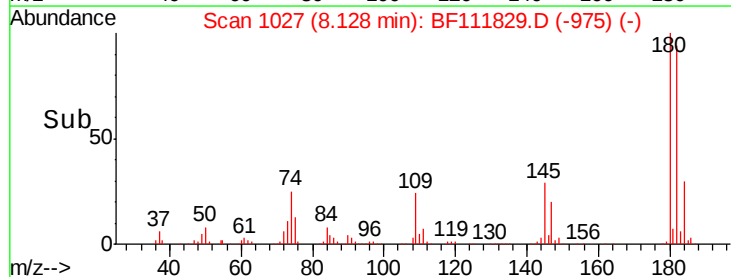
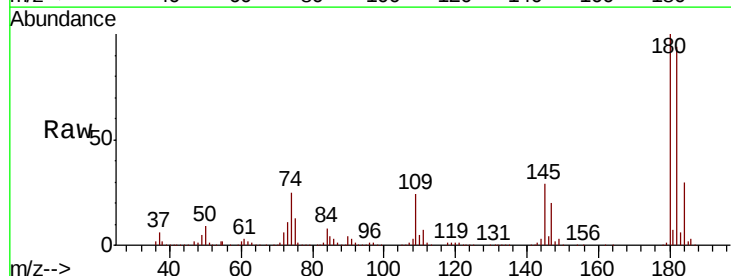
Instrument :
BNA_F
ClientSampleId :

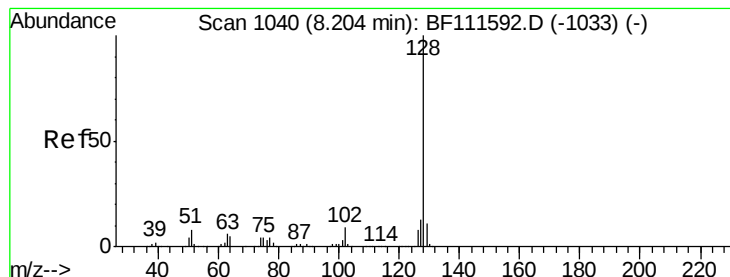
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.8	44.4	84.4
98	31.9	20.3	60.3



#30
1,2,4-Trichlorobenzene
Concen: 31.891 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BF111829.D
Acq: 3 Jan 2019 19:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	75.6	113.4
145	29.2	26.7	40.1





#31

Naphthalene

Concen: 33.969 ng

RT: 8.21 min Scan# 1041

Delta R.T. 0.01 min

Lab File: BF111829.D

Acq: 3 Jan 2019 19:00

Instrument :

BNA_F

ClientSampled :

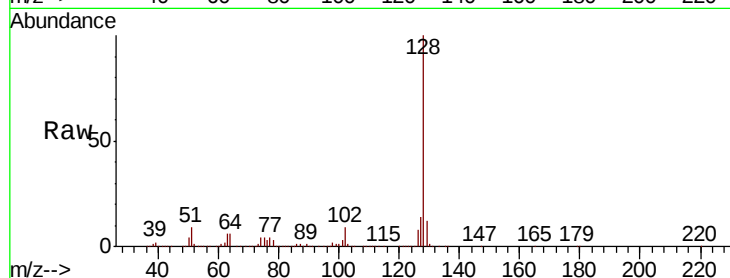
Tot Ion:128 Resp: 1800152

Ion Ratio Lower Upper

128 100

129 11.7 9.8 14.8

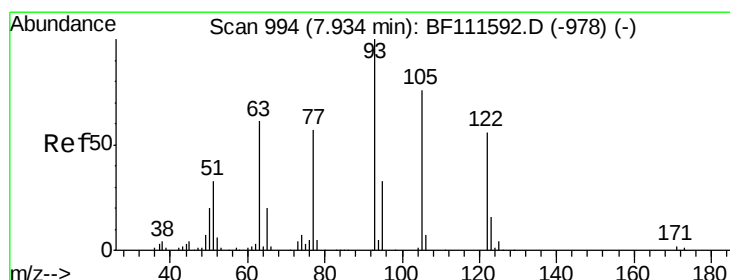
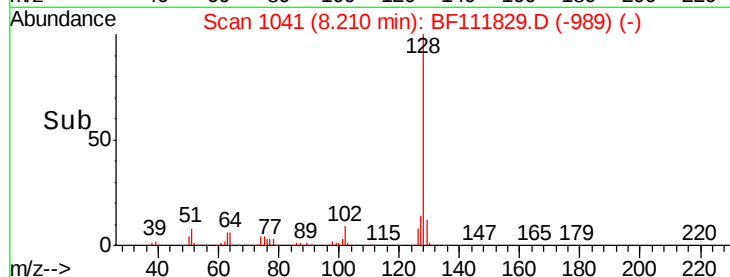
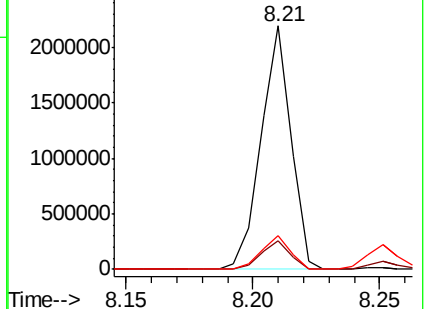
127 13.9 12.0 18.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 7.669 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.01 min

Lab File: BF111829.D

Acq: 3 Jan 2019 19:00

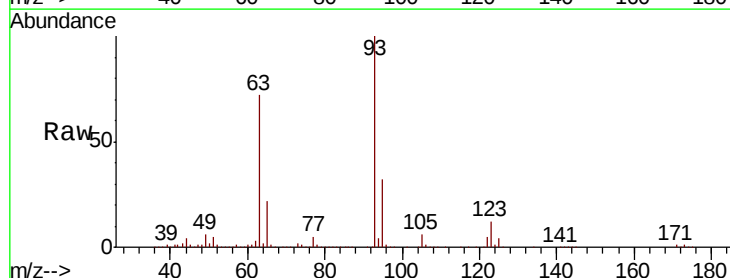
Tgt Ion:122 Resp: 80508

Ion Ratio Lower Upper

122 100

105 121.5 97.0 137.0

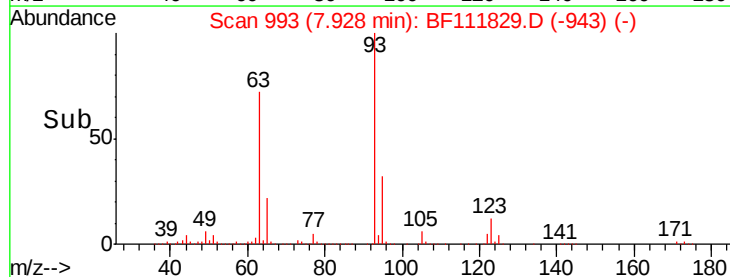
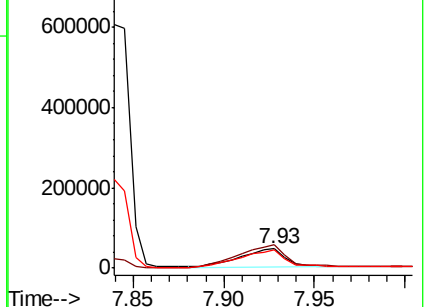
77 94.3 65.7 105.7

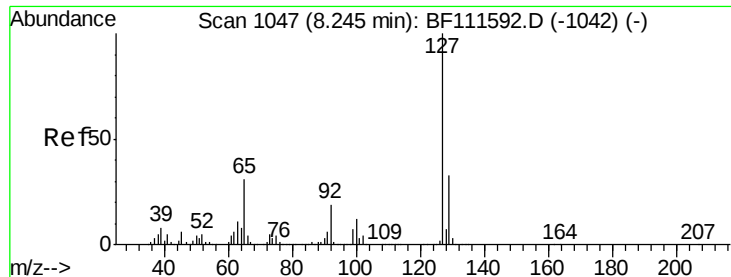


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

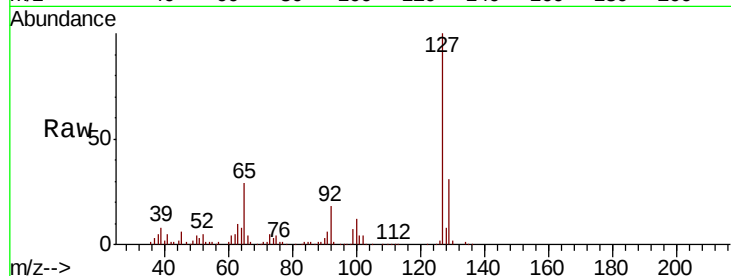




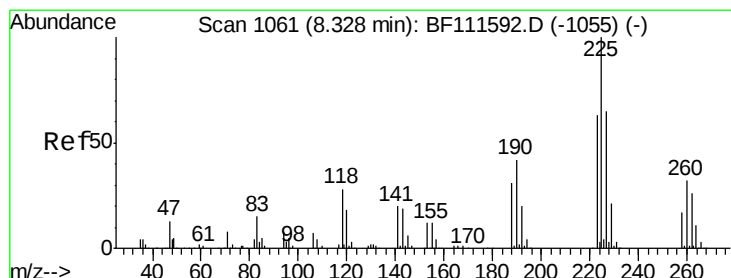
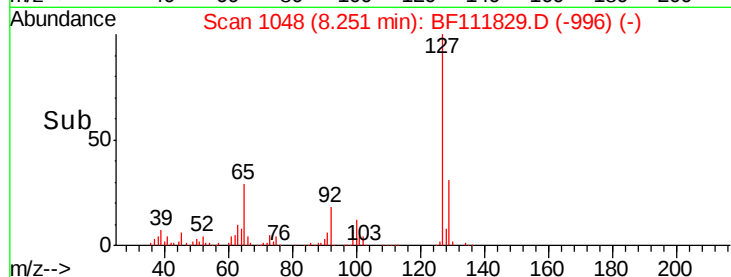
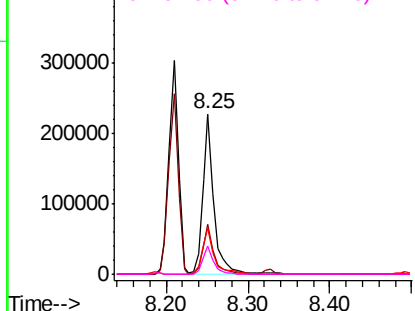
#33
4-Chloroaniline
Concen: 9.517 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.01 min
Lab File: BF111829.D
Acq: 3 Jan 2019 19:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	217985
Ion	Ratio	Lower	Upper
127	100		
129	31.3	26.6	39.8
65	29.0	25.7	38.5
92	17.8	15.4	23.2

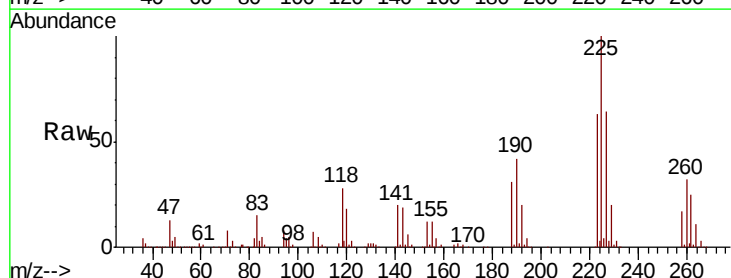


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

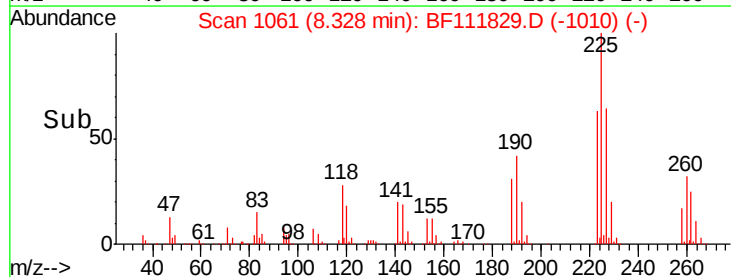
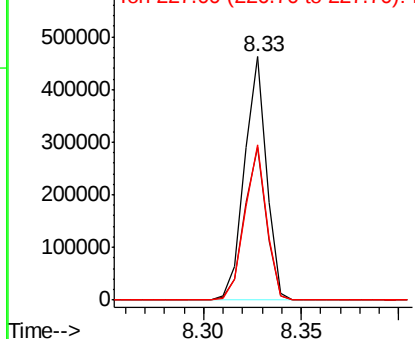


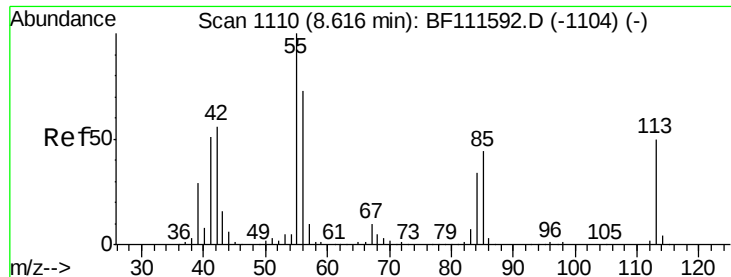
#34
Hexachlorobutadiene
Concen: 31.164 ng
RT: 8.33 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BF111829.D
Acq: 3 Jan 2019 19:00

Tgt Ion:	225	Resp:	361449
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.7	76.1
227	63.9	52.6	78.8



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

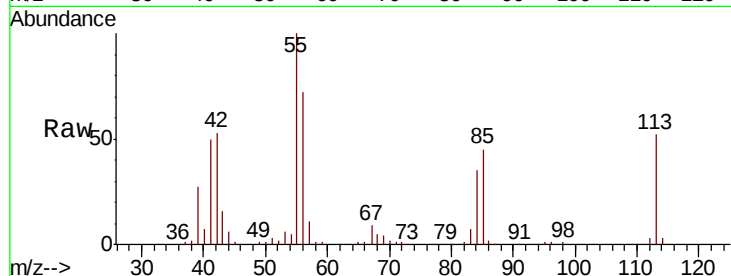




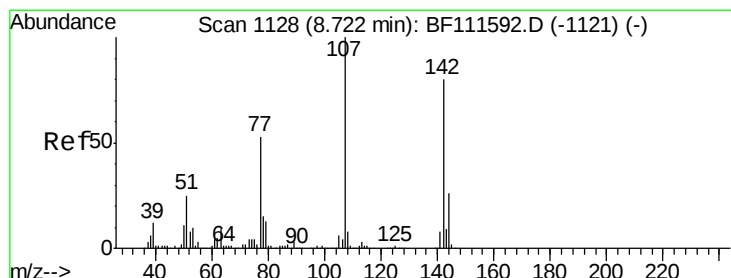
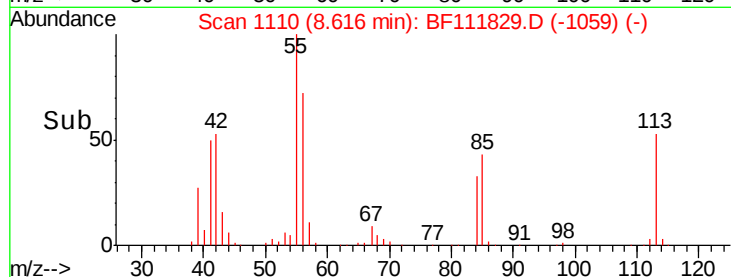
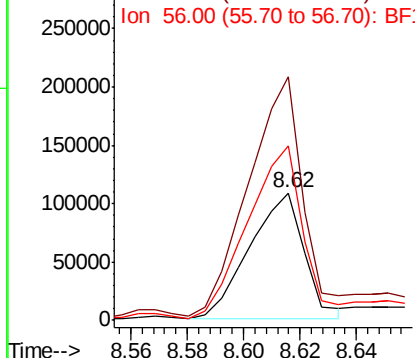
#35
Caprolactam
Concen: 25.105 ng
RT: 8.62 min Scan# 1110
Delta R.T. -0.00 min
Lab File: BF111829.D
Acq: 3 Jan 2019 19:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 145278
Ion Ratio Lower Upper
113 100
55 190.9 184.1 224.1
56 136.9 126.0 166.0

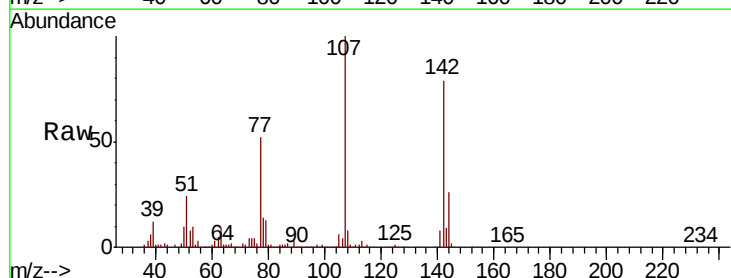


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

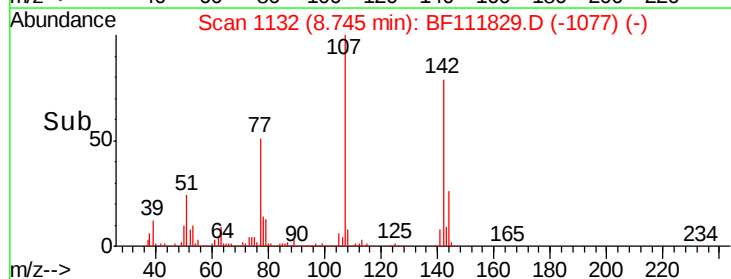
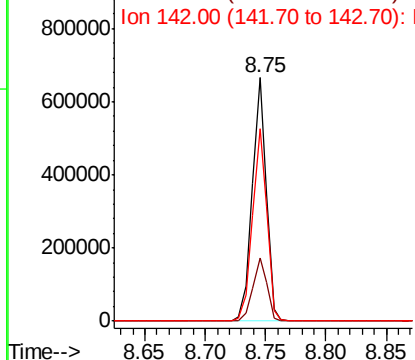


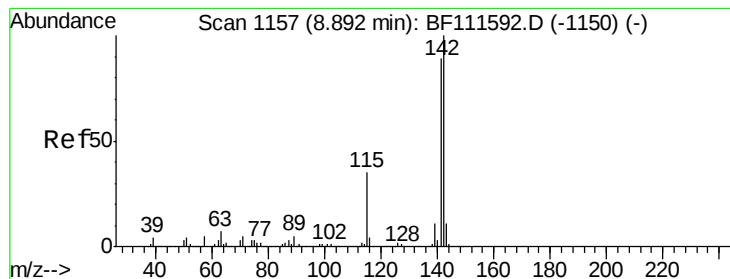
#36
4-Chloro-3-methylphenol
Concen: 32.566 ng
RT: 8.75 min Scan# 1132
Delta R.T. 0.02 min
Lab File: BF111829.D
Acq: 3 Jan 2019 19:00

Tgt Ion:107 Resp: 546678
Ion Ratio Lower Upper
107 100
144 25.9 19.8 29.6
142 79.0 62.3 93.5



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





#37

2-Methylnaphthalene

Concen: 35.647 ng

RT: 8.90 min Scan# 1158

Delta R.T. 0.01 min

Lab File: BF111829.D

Acq: 3 Jan 2019 19:00

Instrument :

BNA_F

ClientSampleId :

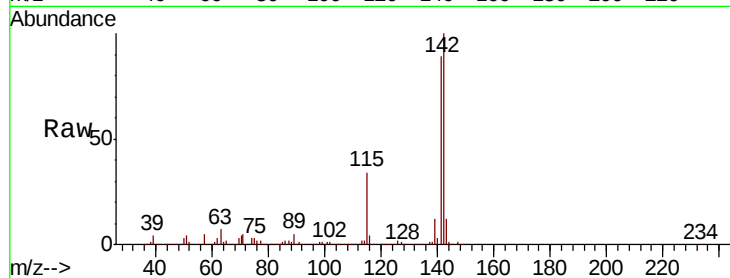
Tot Ion:142 Resp: 1229042

Ion Ratio Lower Upper

142 100

141 88.6 70.6 105.8

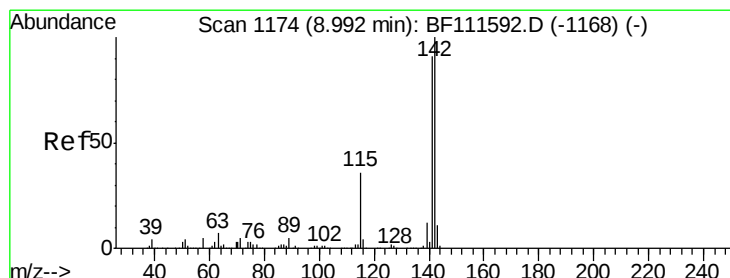
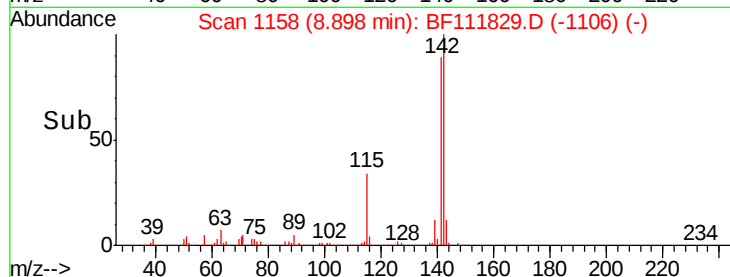
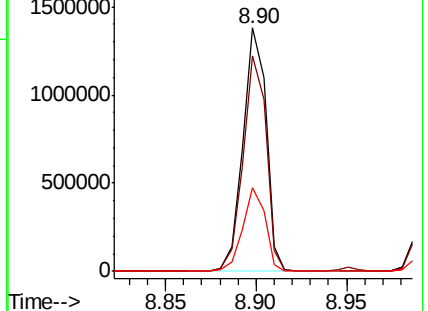
115 34.3 27.0 40.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 34.871 ng

RT: 9.00 min Scan# 1175

Delta R.T. 0.01 min

Lab File: BF111829.D

Acq: 3 Jan 2019 19:00

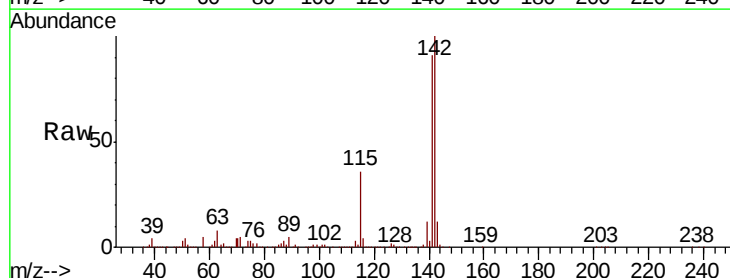
Tgt Ion:142 Resp: 1154700

Ion Ratio Lower Upper

142 100

141 91.2 74.2 111.4

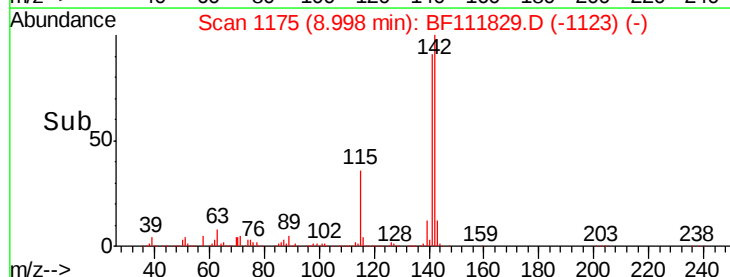
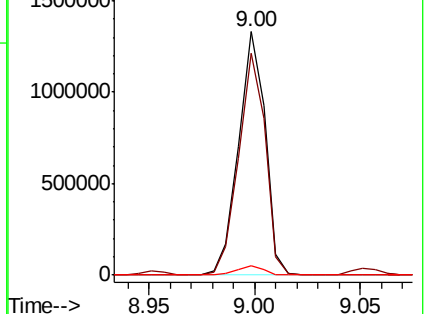
116 3.7 2.9 4.3

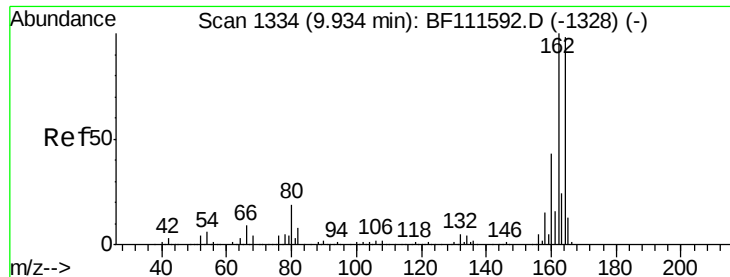


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.95 min Scan# 1336

Delta R.T. 0.01 min

Lab File: BF111829.D

Acq: 3 Jan 2019 19:00

Instrument :

BNA_F

ClientSampleId :

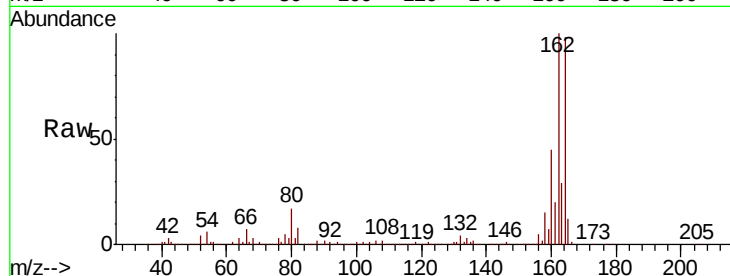
Tot Ion:164 Resp: 543379

Ion Ratio Lower Upper

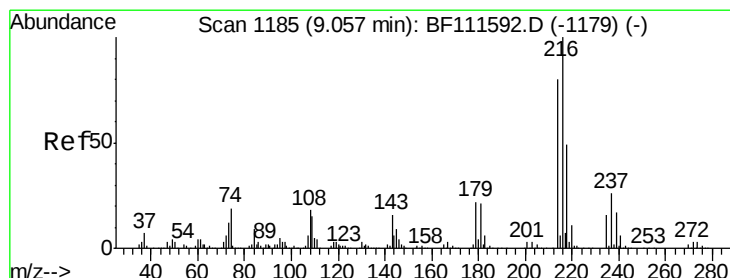
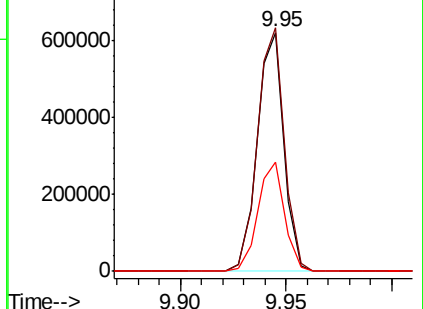
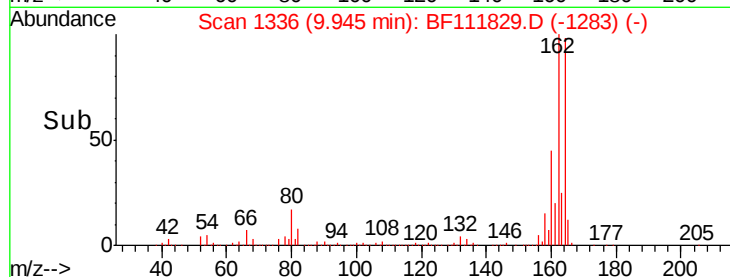
164 100

162 101.9 81.4 122.0

160 45.5 35.7 53.5



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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 33.314 ng

RT: 9.07 min Scan# 1187

Delta R.T. 0.01 min

Lab File: BF111829.D

Acq: 3 Jan 2019 19:00

Tgt Ion:216 Resp: 594837

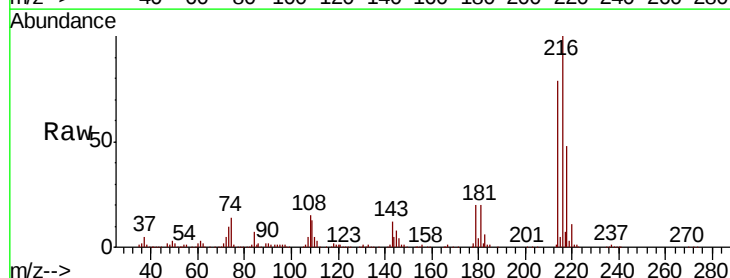
Ion Ratio Lower Upper

216 100

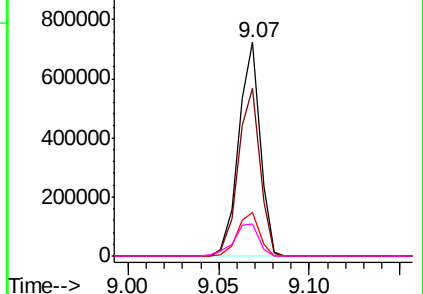
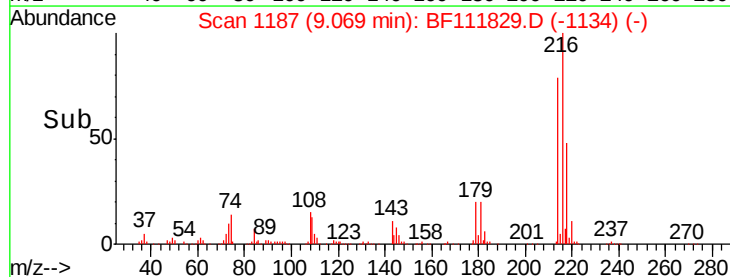
214 80.0 63.8 95.8

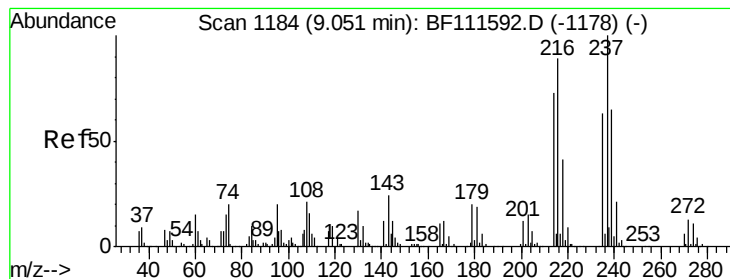
179 20.9 17.9 26.9

108 17.9 18.4 27.6#



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





#41

Hexachlorocyclopentadiene

Concen: 38.380 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.00 min

Lab File: BF111829.D

Acq: 3 Jan 2019 19:00

Instrument :

BNA_F

ClientSampleId :

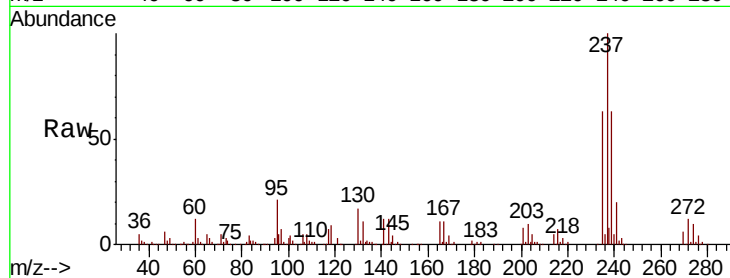
Tot Ion:237 Resp: 332546

Ion Ratio Lower Upper

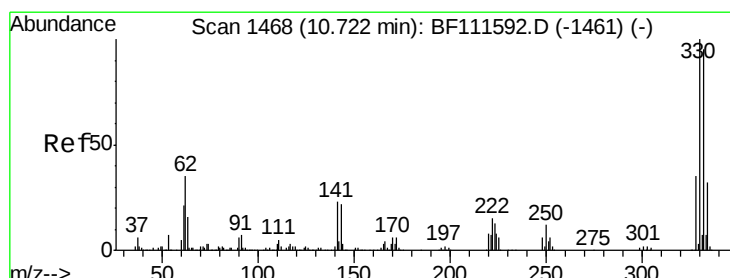
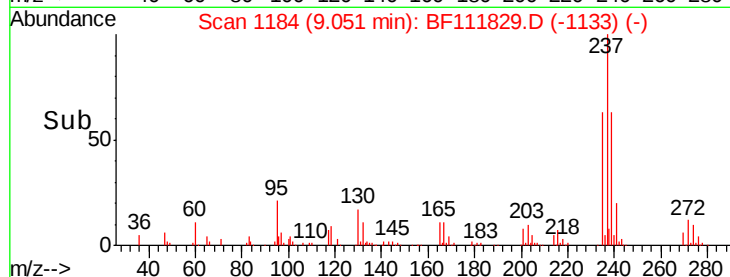
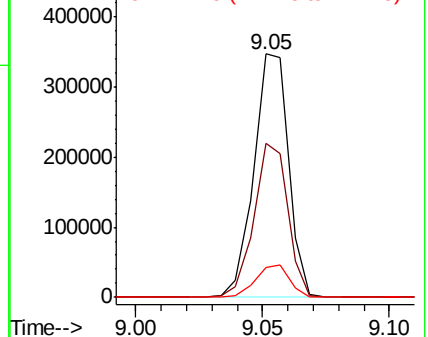
237 100

235 63.4 43.1 83.1

272 12.2 0.0 33.0



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



#42

2,4,6-Tribromophenol

Concen: 105.780 ng

RT: 10.73 min Scan# 1470

Delta R.T. 0.01 min

Lab File: BF111829.D

Acq: 3 Jan 2019 19:00

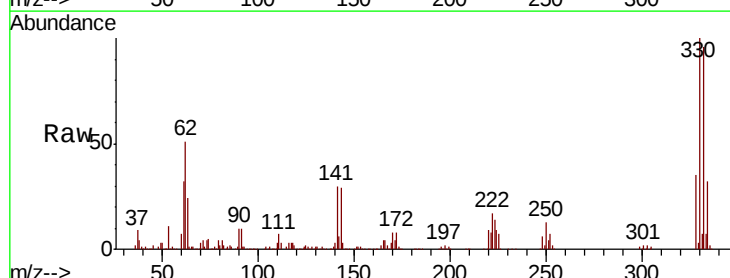
Tgt Ion:330 Resp: 679152

Ion Ratio Lower Upper

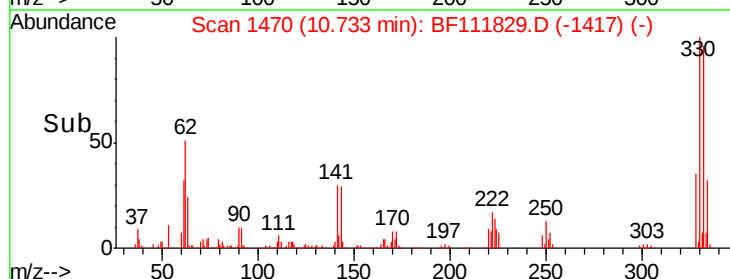
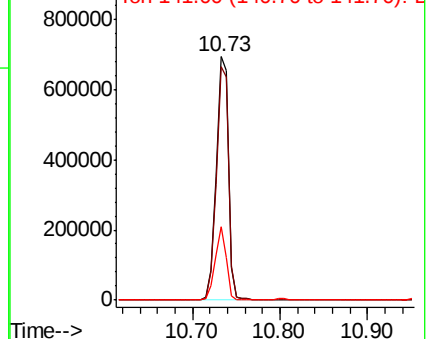
330 100

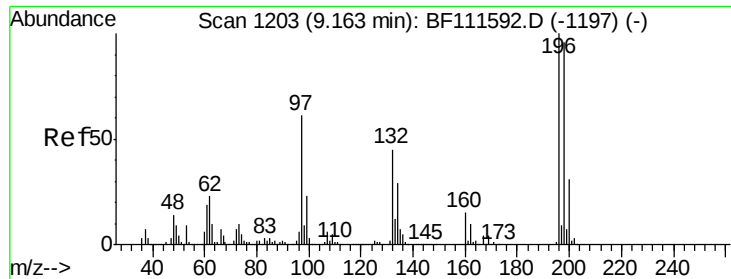
332 96.0 76.0 114.0

141 27.2 31.0 46.6#



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

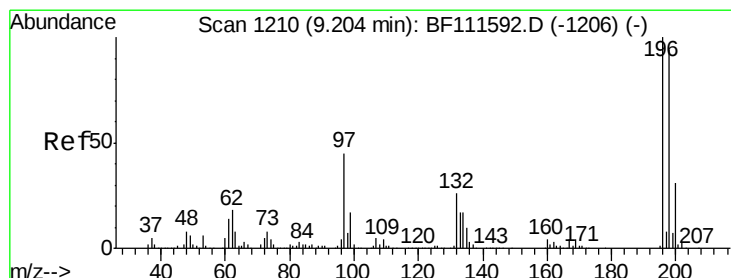
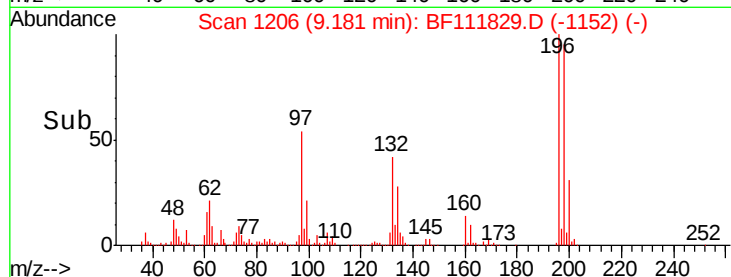
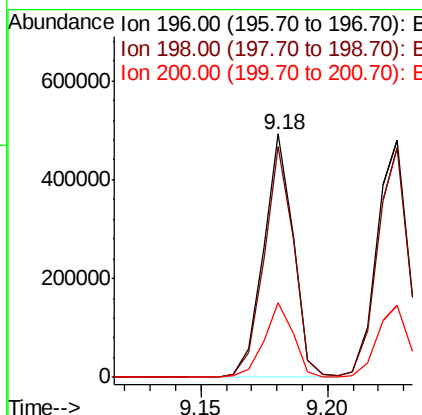
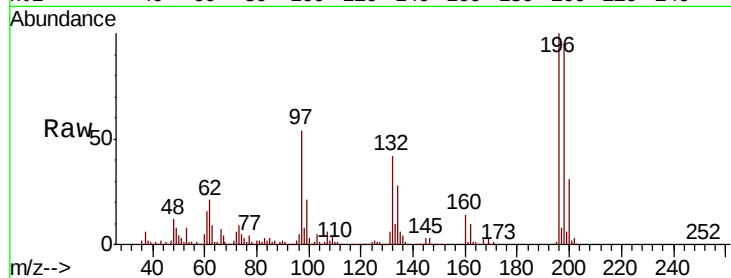




#43
 2,4,6-Trichlorophenol
 Concen: 34.046 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.02 min
 Lab File: BF111829.D
 Acq: 3 Jan 2019 19:00

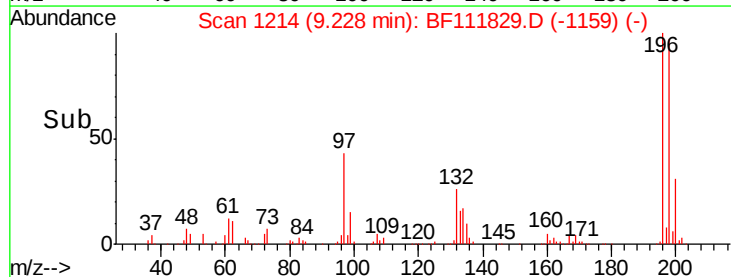
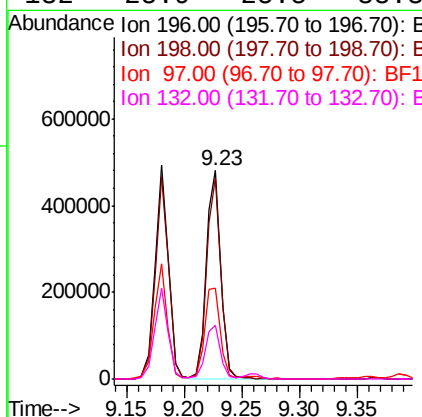
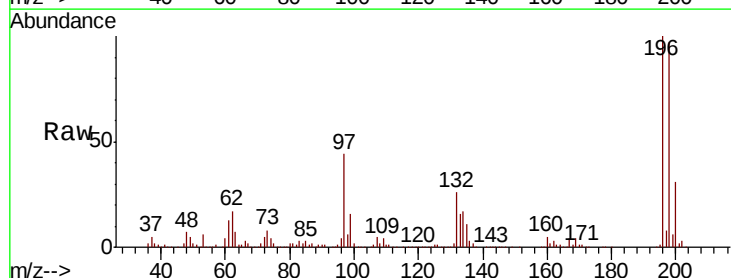
Instrument :
 BNA_F
 ClientSampled :

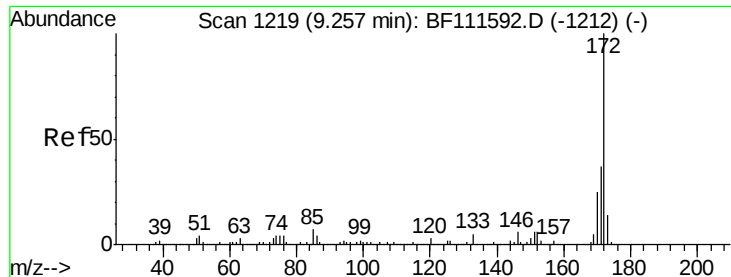
Tot Ion:196 Resp: 405867
 Ion Ratio Lower Upper
 196 100
 198 94.6 76.3 114.5
 200 30.6 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 34.386 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. 0.02 min
 Lab File: BF111829.D
 Acq: 3 Jan 2019 19:00

Tgt Ion:196 Resp: 420537
 Ion Ratio Lower Upper
 196 100
 198 96.5 72.9 109.3
 97 43.5 45.3 67.9#
 132 25.9 25.5 38.3

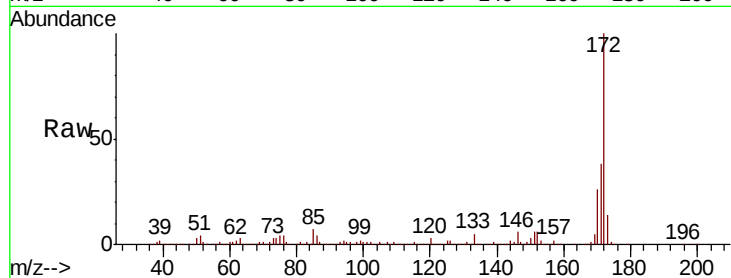




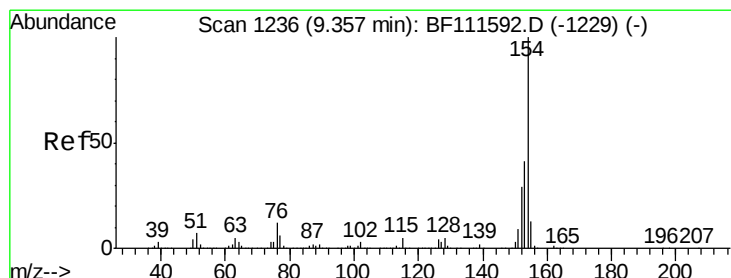
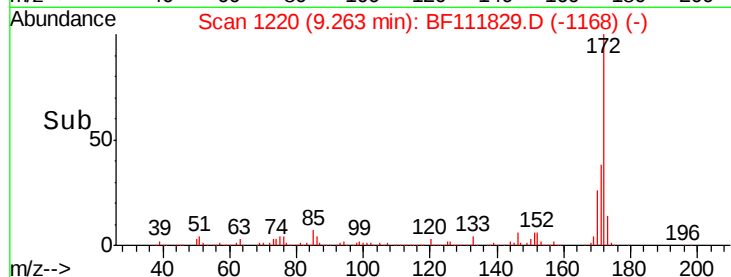
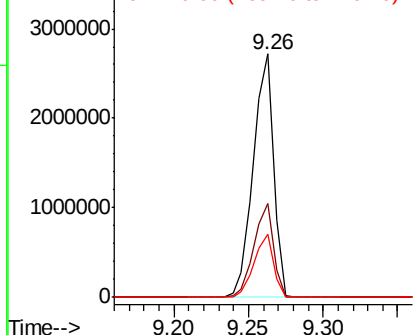
#45
2-Fluorobiphenyl
Concen: 68.246 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.01 min
Lab File: BF111829.D
Acq: 3 Jan 2019 19:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 2544197
Ion Ratio Lower Upper
172 100
171 38.5 33.0 49.4
170 25.8 22.3 33.5

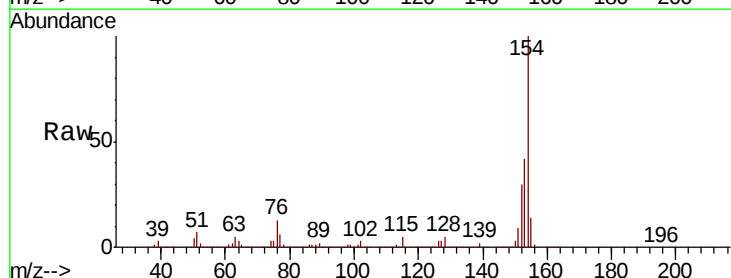


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

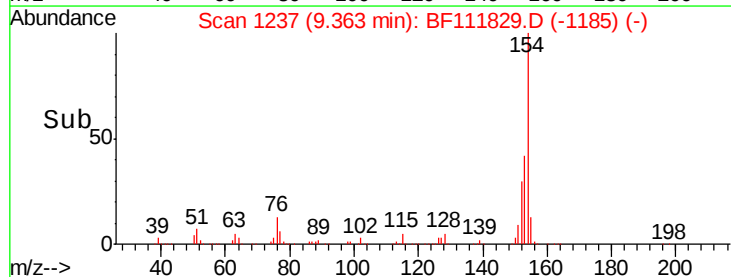
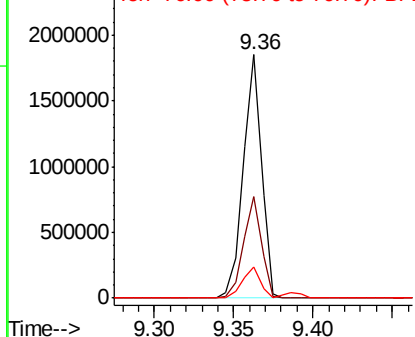


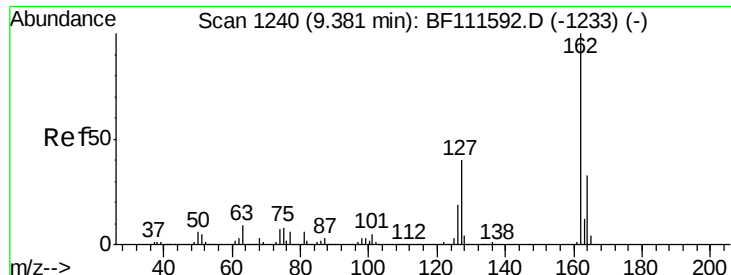
#46
1,1'-Biphenyl
Concen: 32.219 ng
RT: 9.36 min Scan# 1237
Delta R.T. 0.01 min
Lab File: BF111829.D
Acq: 3 Jan 2019 19:00

Tgt Ion:154 Resp: 1477888
Ion Ratio Lower Upper
154 100
153 41.6 23.7 63.7
76 12.6 0.0 35.0



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

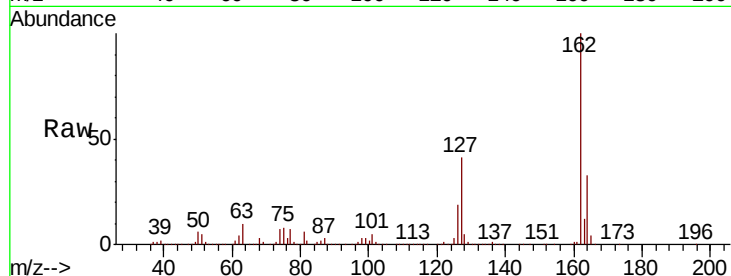




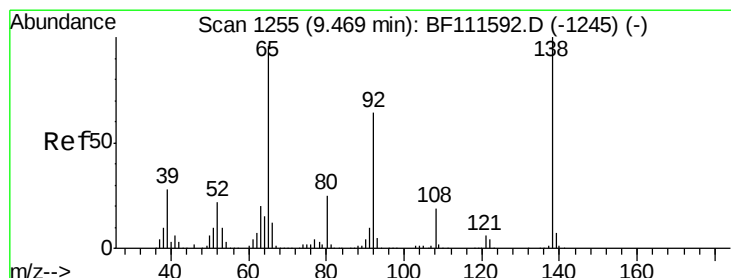
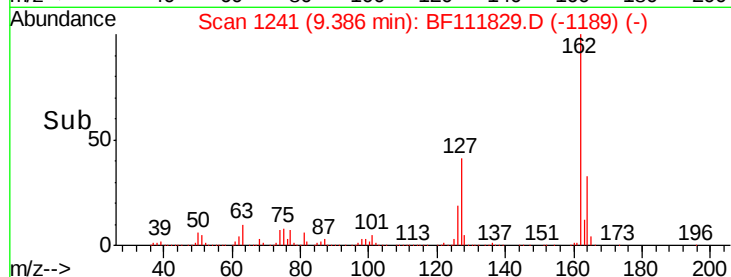
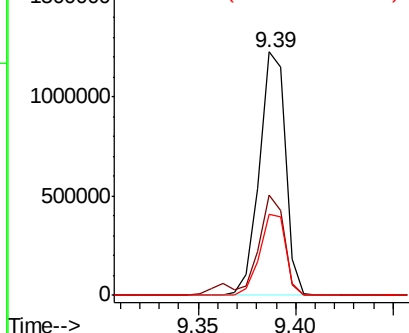
#47
2-Chloronaphthalene
Concen: 31.391 ng
RT: 9.39 min Scan# 1241
Delta R.T. 0.01 min
Lab File: BF111829.D
Acq: 3 Jan 2019 19:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 1140810
Ion Ratio Lower Upper
162 100
127 41.3 35.0 52.4
164 33.4 28.4 42.6

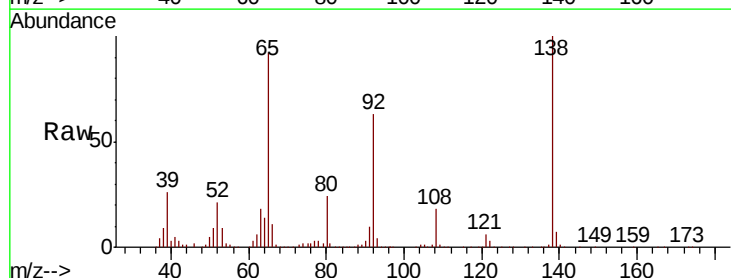


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

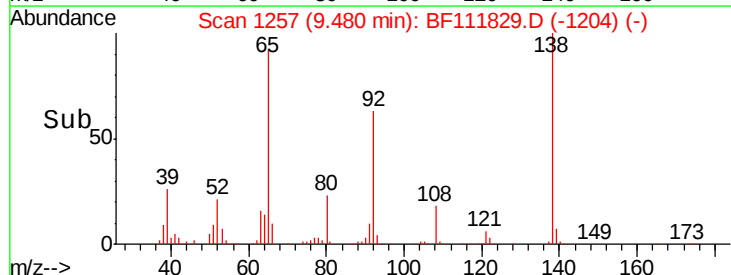
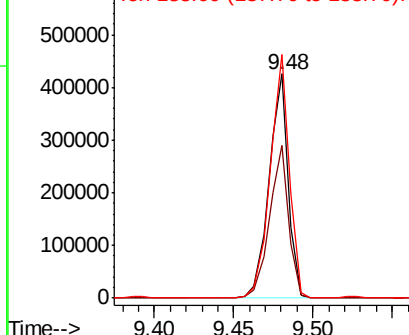


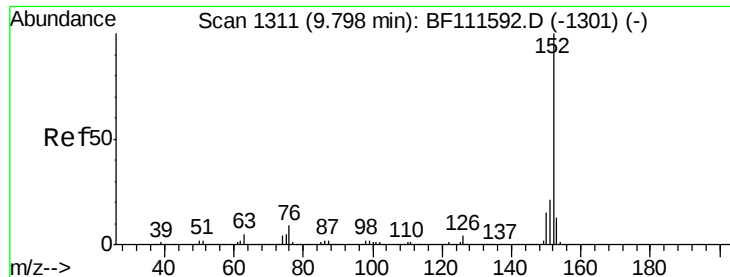
#48
2-Nitroaniline
Concen: 38.393 ng
RT: 9.48 min Scan# 1257
Delta R.T. 0.01 min
Lab File: BF111829.D
Acq: 3 Jan 2019 19:00

Tgt Ion: 65 Resp: 362978
Ion Ratio Lower Upper
65 100
92 68.1 53.5 80.3
138 108.6 80.9 121.3



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





#49

Acenaphthylene

Concen: 33.589 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.01 min

Lab File: BF111829.D

Acq: 3 Jan 2019 19:00

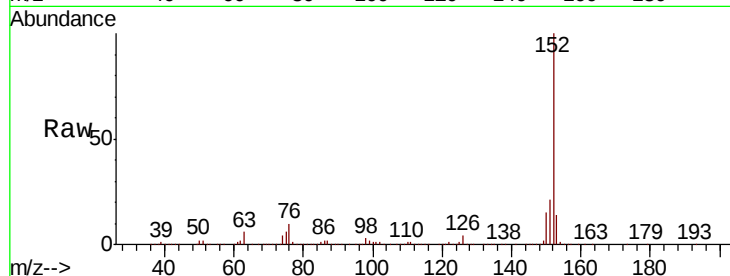
Instrument :

BNA_F

ClientSampled :

Tot Ion:152 Resp: 1782254

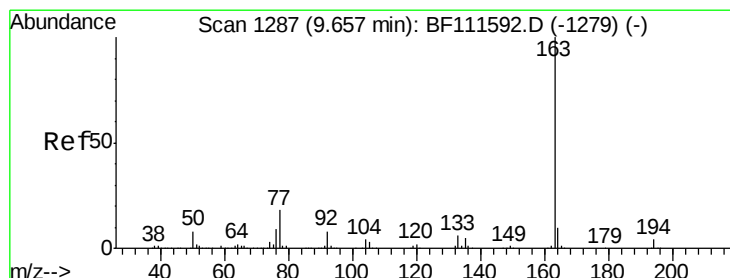
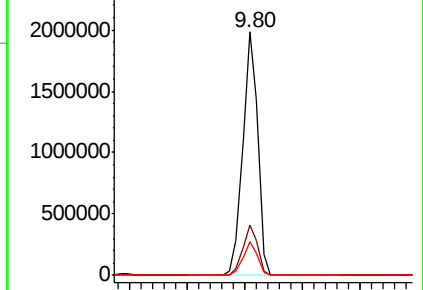
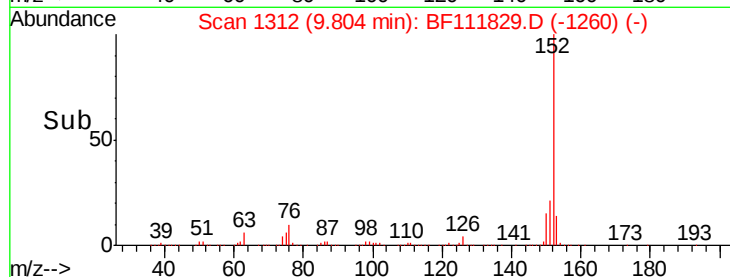
Ion	Ratio	Lower	Upper
152	100		
151	20.8	18.0	27.0
153	14.1	12.3	18.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 45.144 ng

RT: 9.66 min Scan# 1287

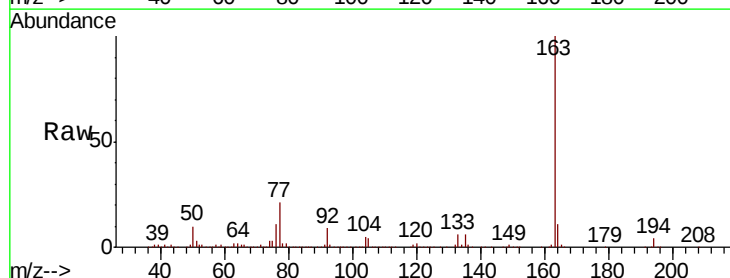
Delta R.T. -0.00 min

Lab File: BF111829.D

Acq: 3 Jan 2019 19:00

Tgt Ion:163 Resp: 1793818

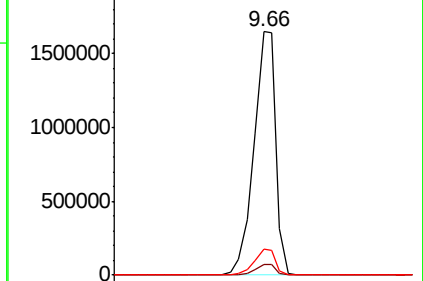
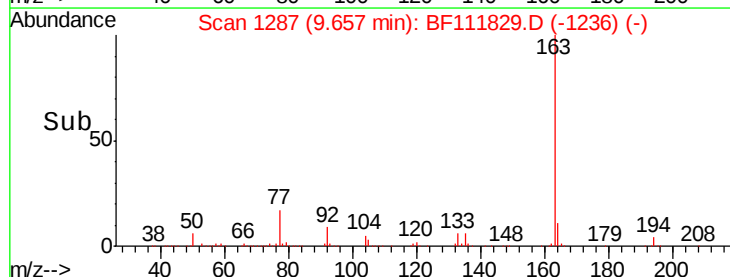
Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.0	4.6
164	10.5	8.9	13.3

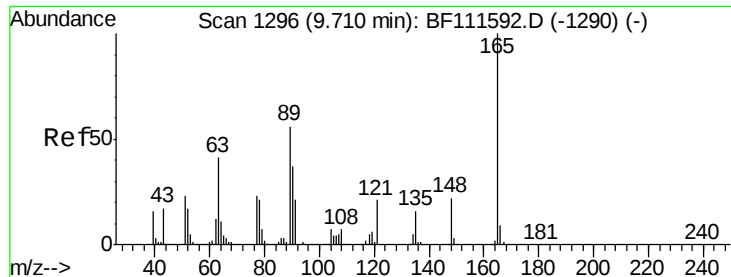


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

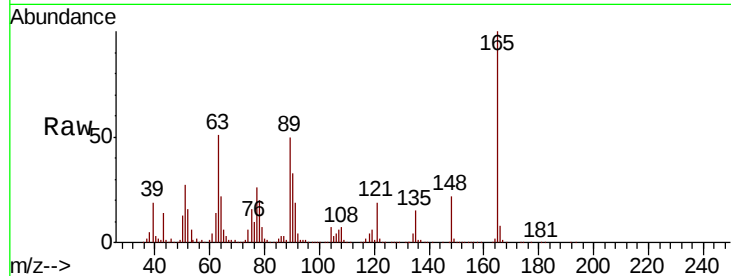




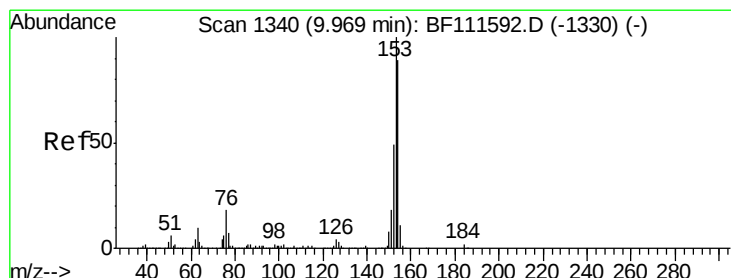
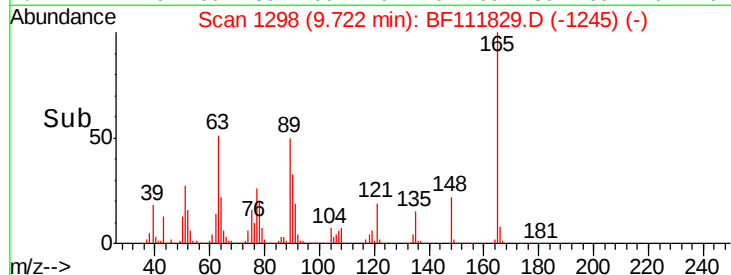
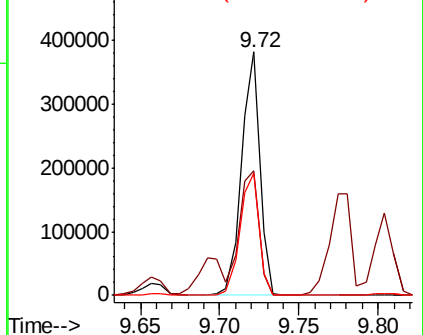
#51
2,6-Dinitrotoluene
Concen: 38.381 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.01 min
Lab File: BF111829.D
Acq: 3 Jan 2019 19:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 304106
Ion Ratio Lower Upper
165 100
63 51.2 40.5 60.7
89 49.9 40.0 60.0

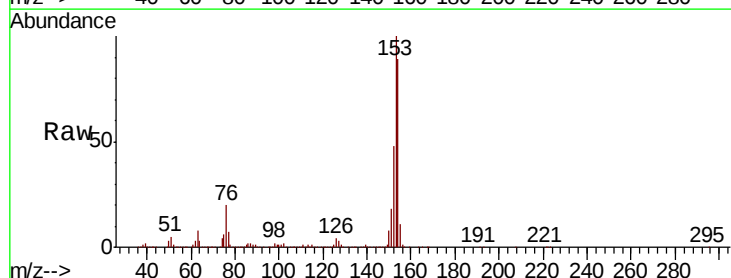


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

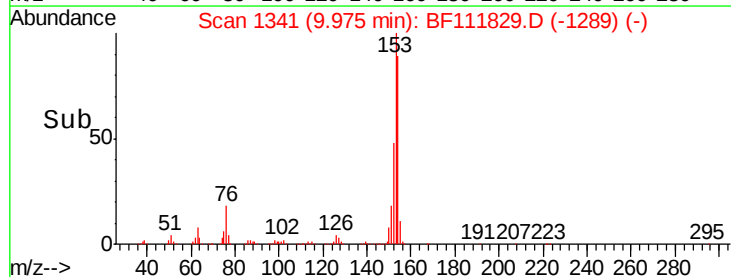
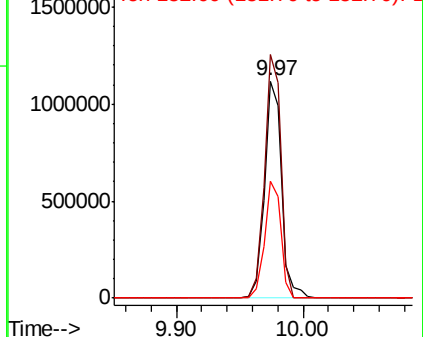


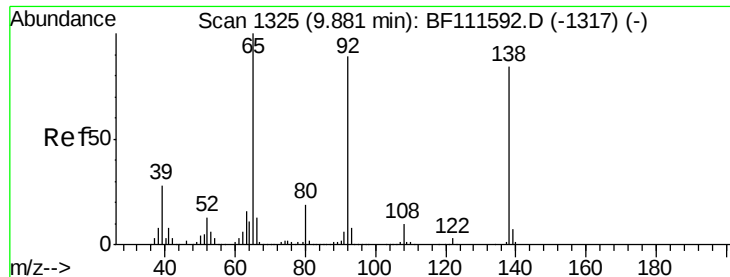
#52
Acenaphthene
Concen: 32.368 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF111829.D
Acq: 3 Jan 2019 19:00

Tgt Ion:154 Resp: 1059269
Ion Ratio Lower Upper
154 100
153 112.0 87.8 131.8
152 53.8 43.4 65.2



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

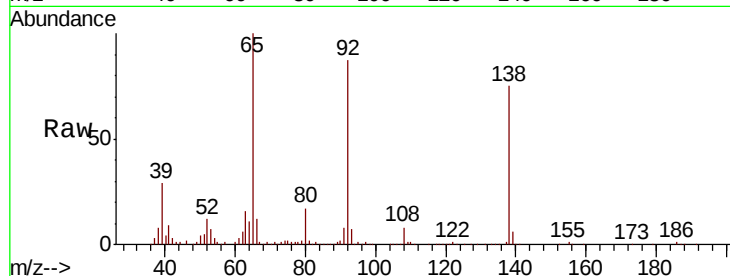




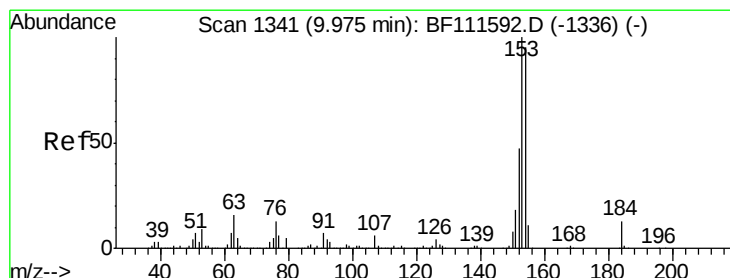
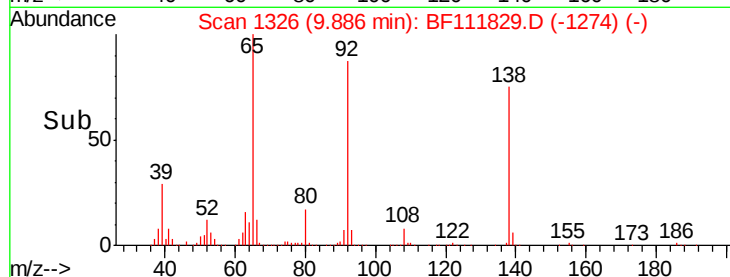
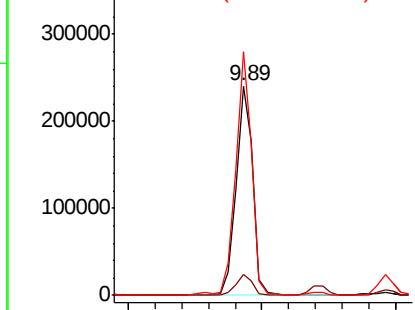
#53
3-Nitroaniline
Concen: 24.890 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.01 min
Lab File: BF111829.D
Acq: 3 Jan 2019 19:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 210326
Ion Ratio Lower Upper
138 100
108 10.2 8.2 12.4
92 116.4 93.4 140.2

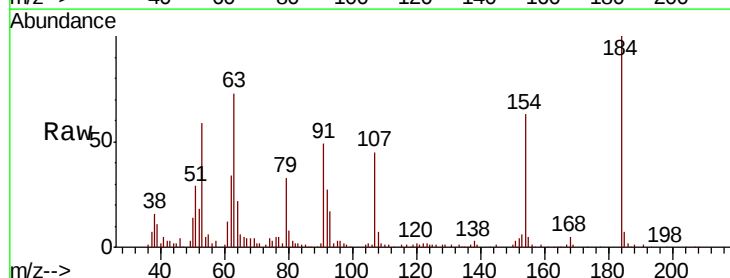


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

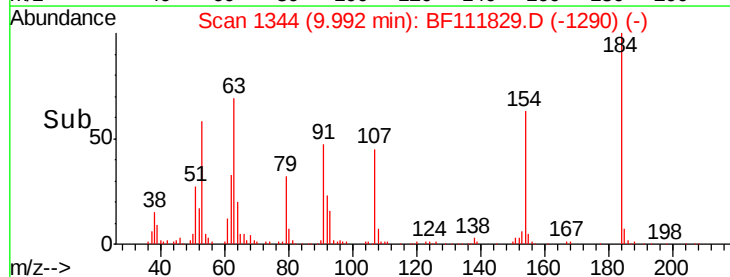
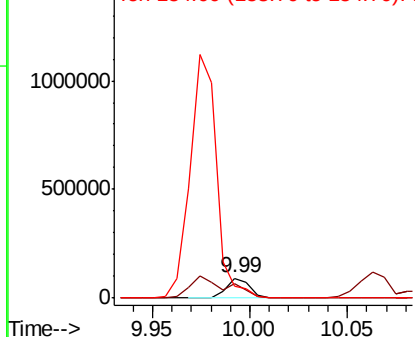


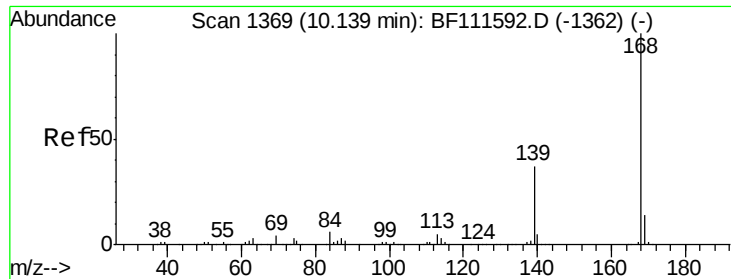
#54
2,4-Dinitrophenol
Concen: 35.937 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.02 min
Lab File: BF111829.D
Acq: 3 Jan 2019 19:00

Tgt Ion:184 Resp: 80117
Ion Ratio Lower Upper
184 100
63 72.7 62.3 93.5
154 62.6 56.2 84.2



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

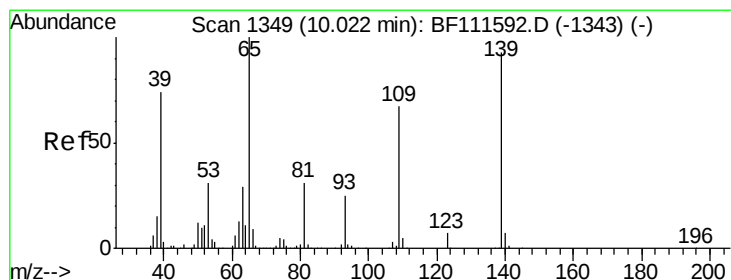
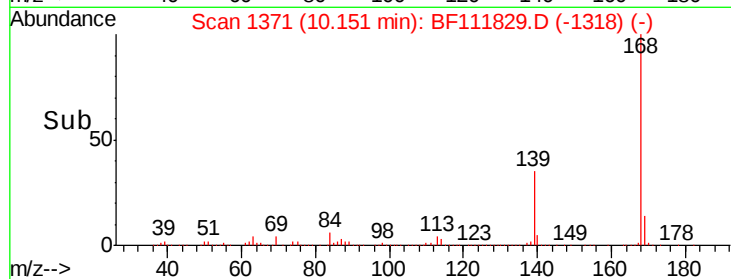
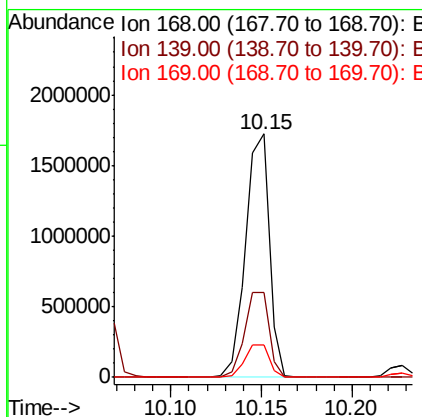
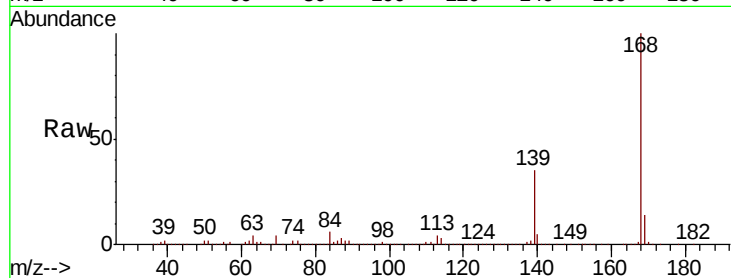




#55
Dibenzofuran
Concen: 31.707 ng
RT: 10.15 min Scan# 1371
Delta R.T. 0.01 min
Lab File: BF111829.D
Acq: 3 Jan 2019 19:00

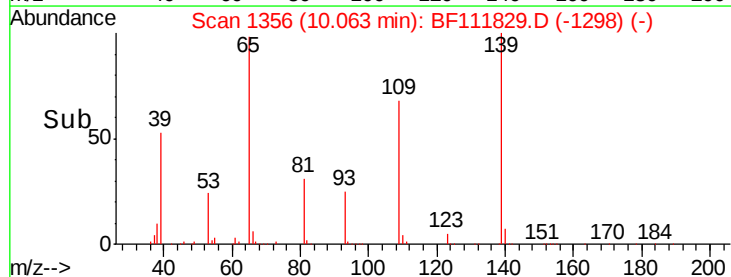
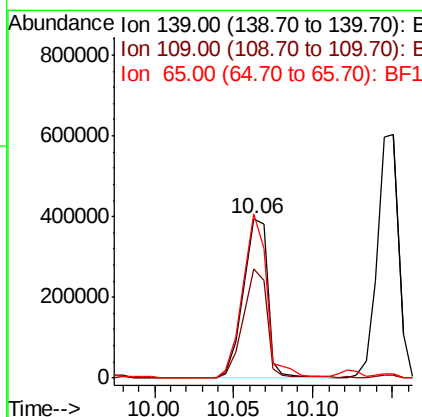
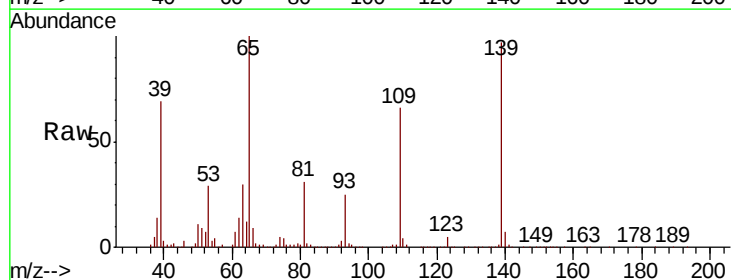
Instrument :
BNA_F
ClientSampleId :

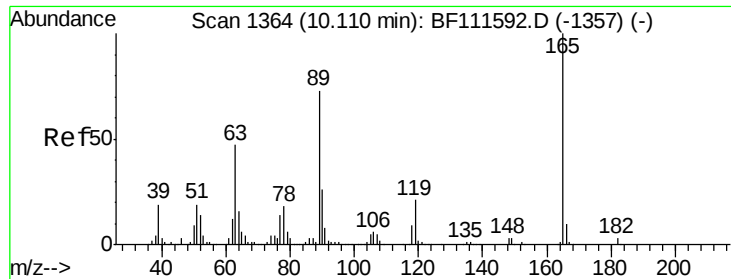
Tot Ion:168 Resp: 1567660
Ion Ratio Lower Upper
168 100
139 35.0 32.6 49.0
169 13.6 11.8 17.6



#56
4-Nitrophenol
Concen: 65.551 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.04 min
Lab File: BF111829.D
Acq: 3 Jan 2019 19:00

Tgt Ion:139 Resp: 422720
Ion Ratio Lower Upper
139 100
109 68.5 41.8 81.8
65 103.2 79.6 119.6

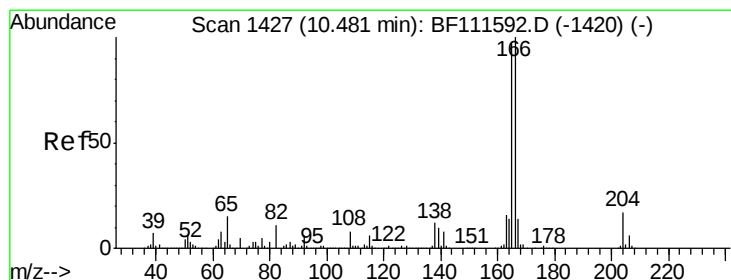
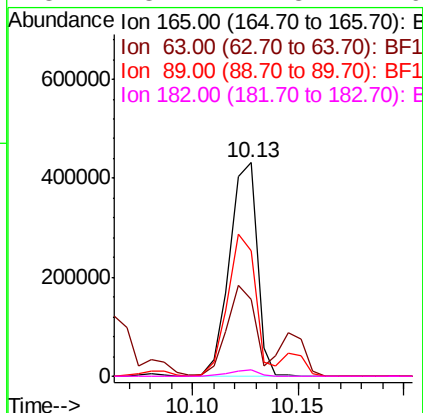
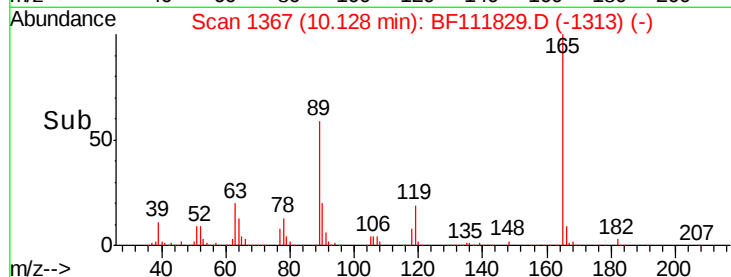
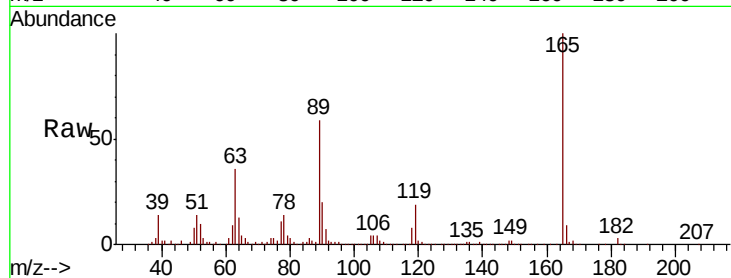




#57
2,4-Dinitrotoluene
Concen: 40.731 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.02 min
Lab File: BF111829.D
Acq: 3 Jan 2019 19:00

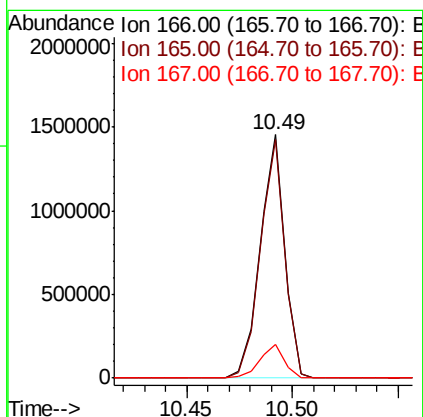
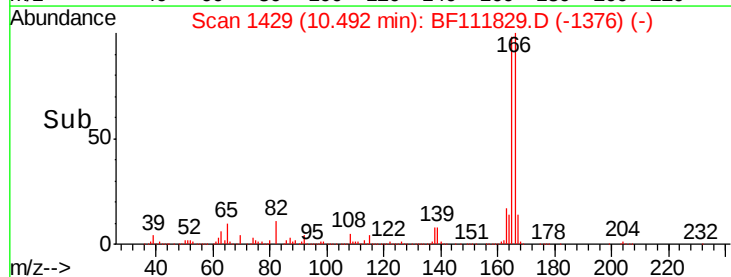
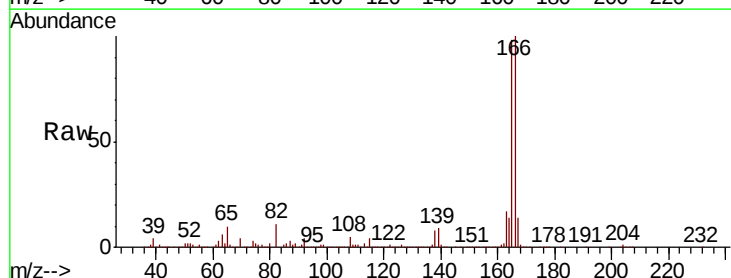
Instrument :
BNA_F
ClientSampleId :

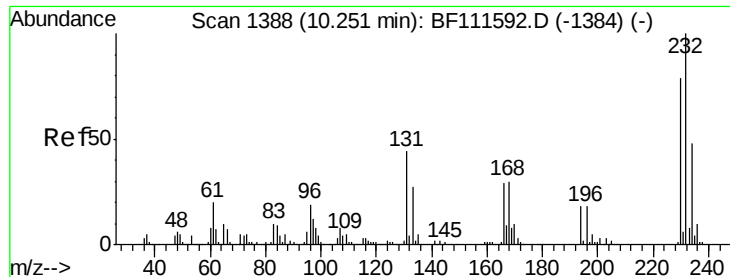
Tot Ion:165 Resp: 387867
Ion Ratio Lower Upper
165 100
63 36.1 34.6 52.0
89 59.0 56.2 84.4
182 3.1 1.8 2.6#



#58
Fluorene
Concen: 32.885 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.01 min
Lab File: BF111829.D
Acq: 3 Jan 2019 19:00

Tgt Ion:166 Resp: 1171619
Ion Ratio Lower Upper
166 100
165 98.0 78.4 117.6
167 13.7 11.2 16.8

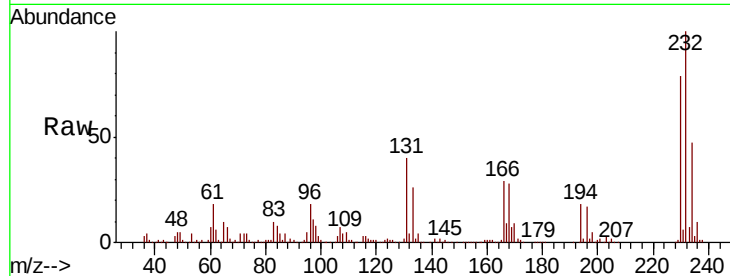




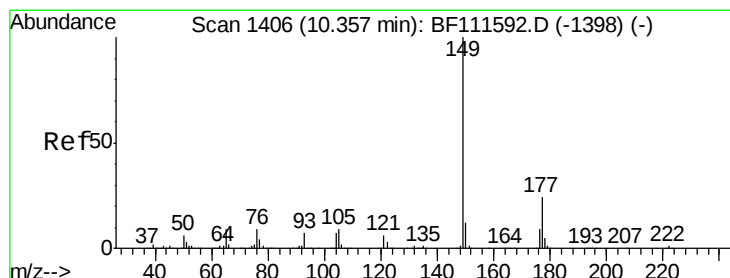
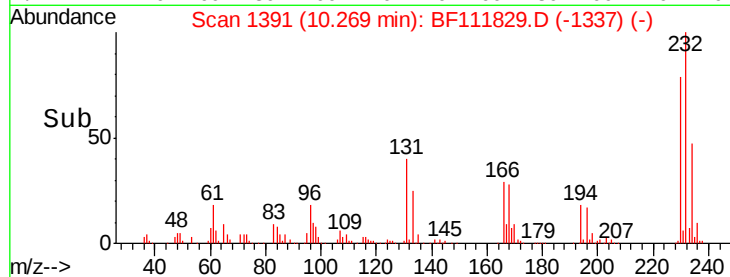
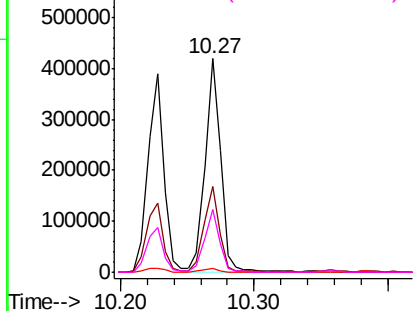
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 33.128 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. 0.02 min
 Lab File: BF111829.D
 Acq: 3 Jan 2019 19:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 340956
 Ion Ratio Lower Upper
 232 100
 131 39.2 40.9 61.3#
 130 2.1 2.0 3.0
 166 27.7 26.8 40.2

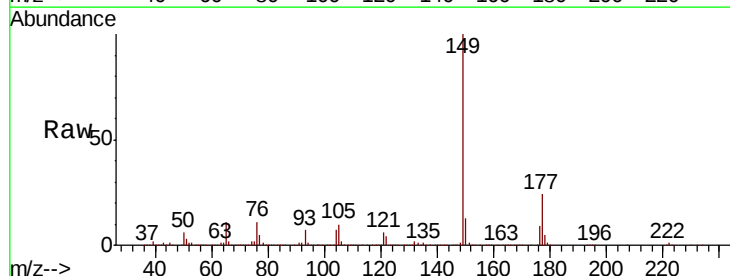


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

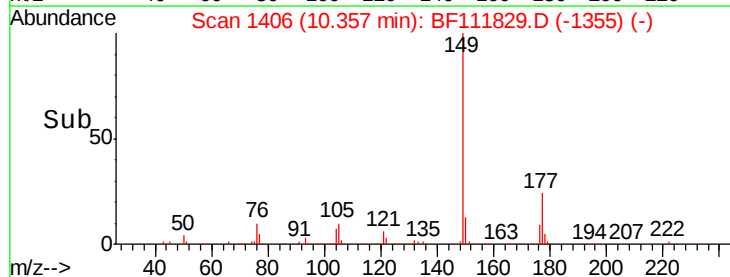
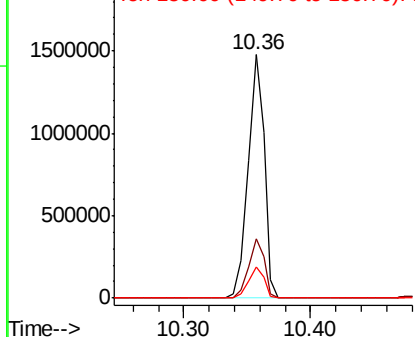


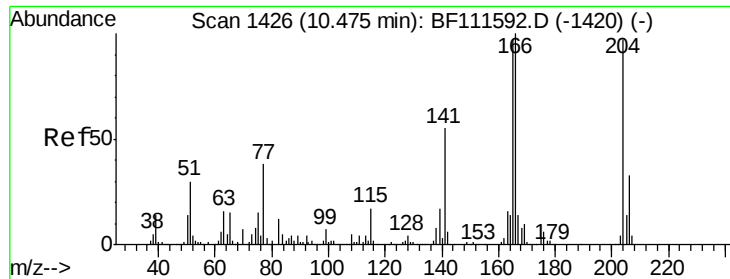
#60
 Diethylphthalate
 Concen: 33.457 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. -0.00 min
 Lab File: BF111829.D
 Acq: 3 Jan 2019 19:00

Tgt Ion:149 Resp: 1304082
 Ion Ratio Lower Upper
 149 100
 177 24.2 18.3 27.5
 150 12.8 10.6 15.8



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

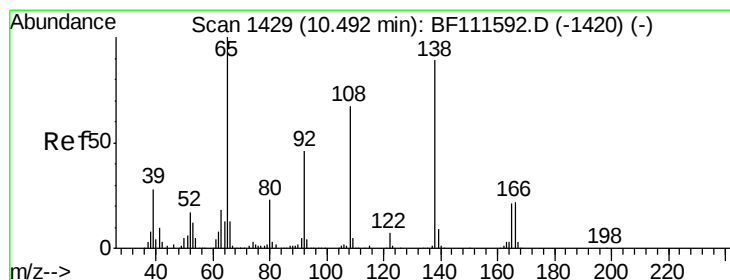
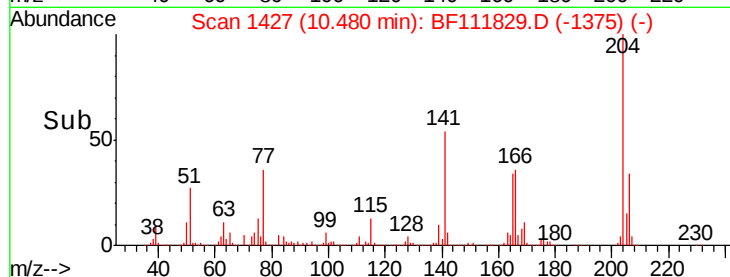
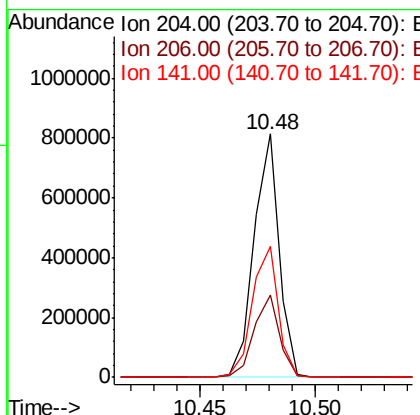
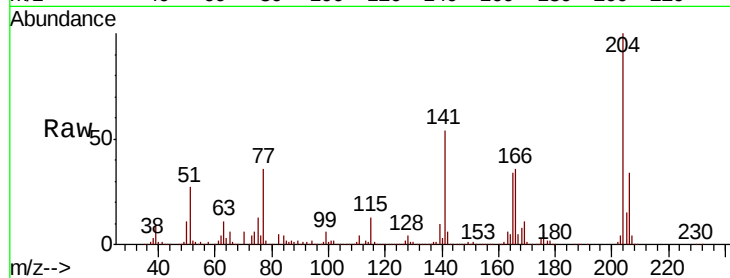




#61
 4-Chlorophenyl-phenylether
 Concen: 31.530 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. 0.01 min
 Lab File: BF111829.D
 Acq: 3 Jan 2019 19:00

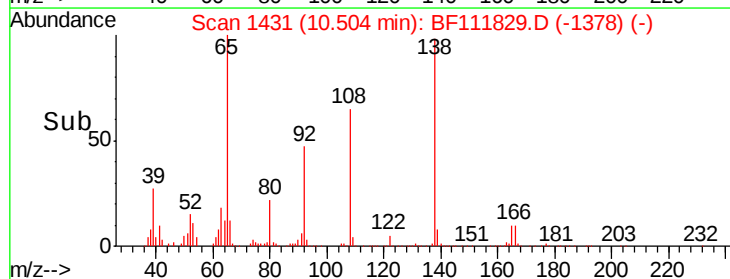
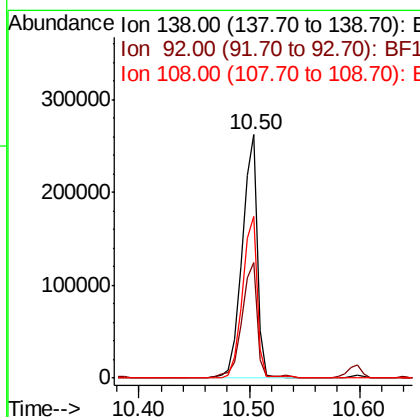
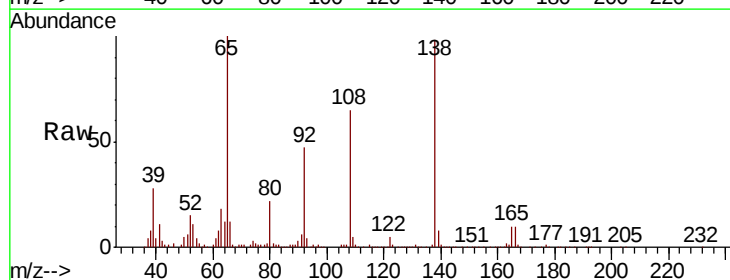
Instrument :
 BNA_F
 ClientSampled :

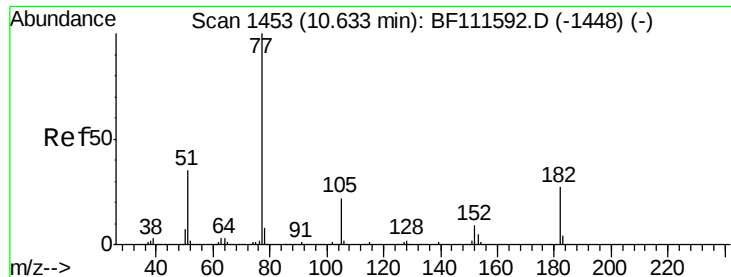
Tot Ion:204 Resp: 620627
 Ion Ratio Lower Upper
 204 100
 206 34.0 26.6 39.8
 141 53.7 52.6 78.8



#62
 4-Nitroaniline
 Concen: 30.985 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. 0.01 min
 Lab File: BF111829.D
 Acq: 3 Jan 2019 19:00

Tgt Ion:138 Resp: 254477
 Ion Ratio Lower Upper
 138 100
 92 47.7 29.9 69.9
 108 66.5 43.2 83.2





#63

Azobenzene

Concen: 30.061 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.01 min

Lab File: BF111829.D

Acq: 3 Jan 2019 19:00

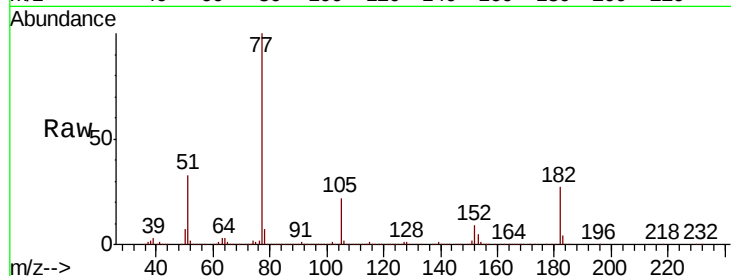
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1176337

Ion	Ratio	Lower	Upper
77	100		
182	26.8	4.9	44.9
105	22.2	6.0	46.0
51	33.2	14.7	54.7

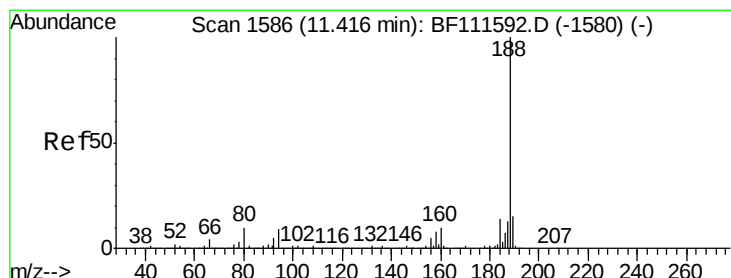
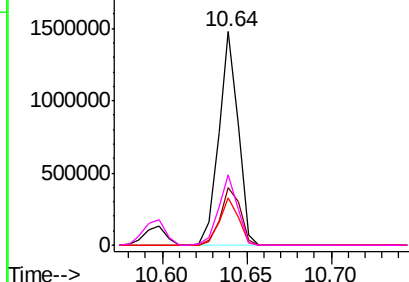
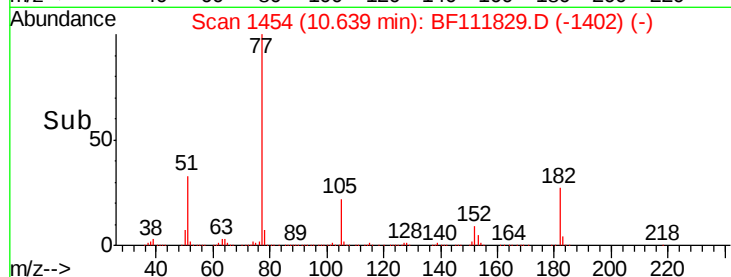


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.43 min Scan# 1588

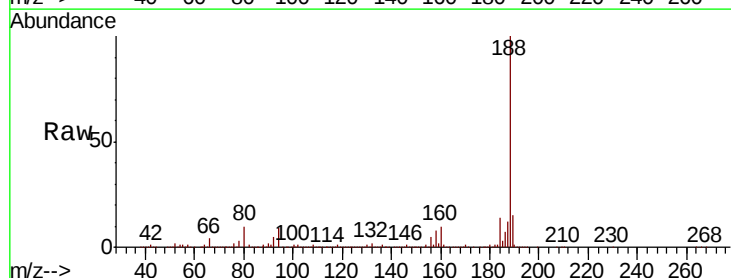
Delta R.T. 0.01 min

Lab File: BF111829.D

Acq: 3 Jan 2019 19:00

Tgt Ion: 188 Resp: 866959

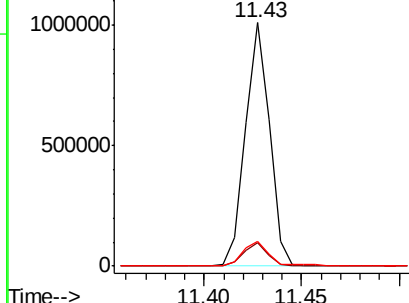
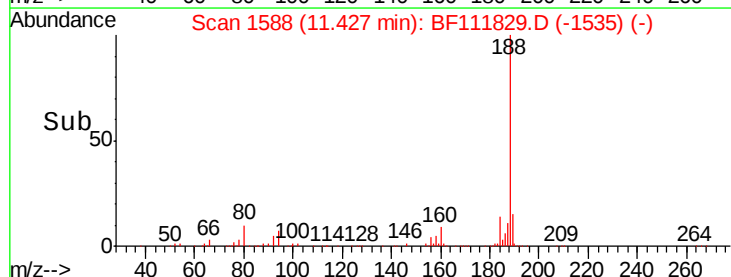
Ion	Ratio	Lower	Upper
188	100		
94	9.4	9.6	14.4#
80	10.2	9.8	14.6

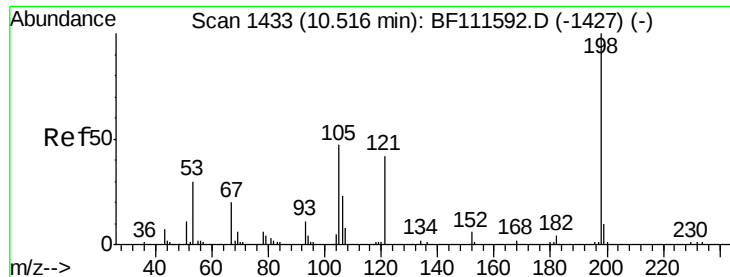


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

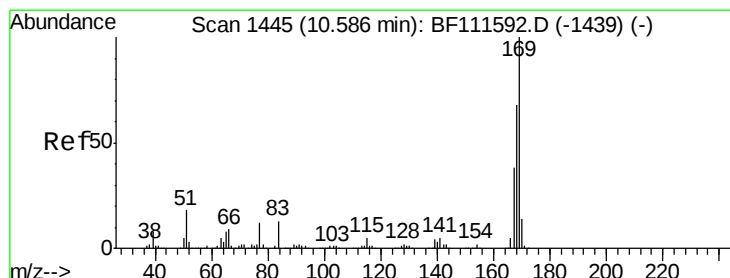
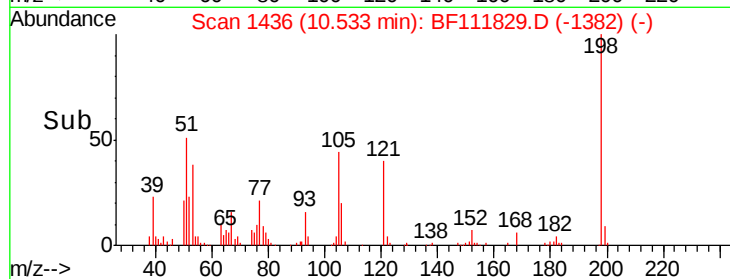
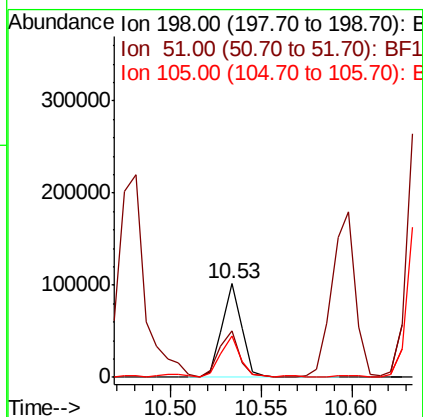
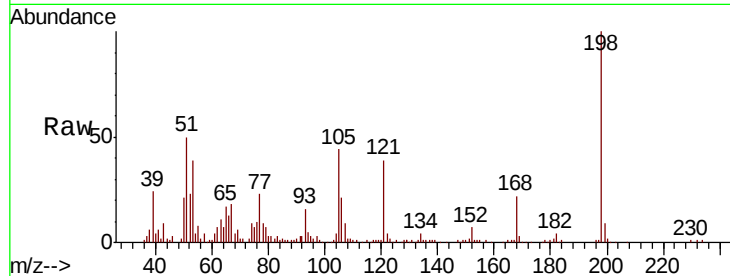




#65
4,6-Dinitro-2-methylphenol
Concen: 25.404 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.02 min
Lab File: BF111829.D
Acq: 3 Jan 2019 19:00

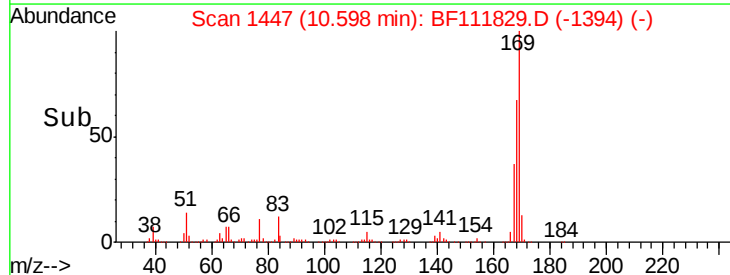
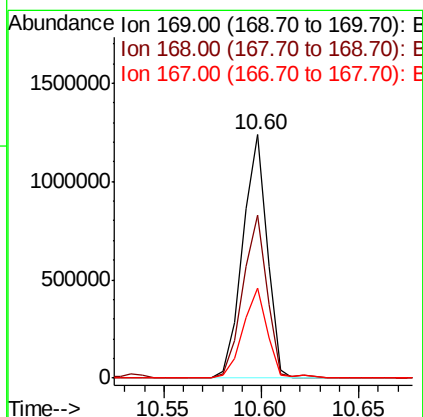
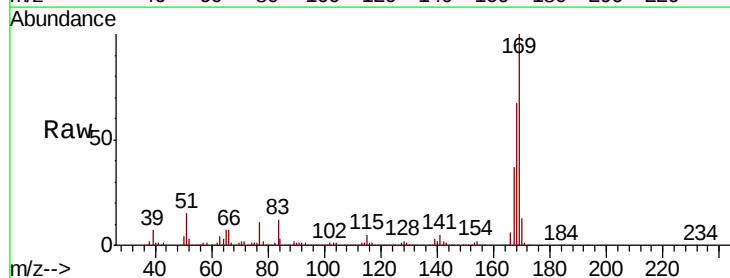
Instrument :
BNA_F
ClientSampleId :

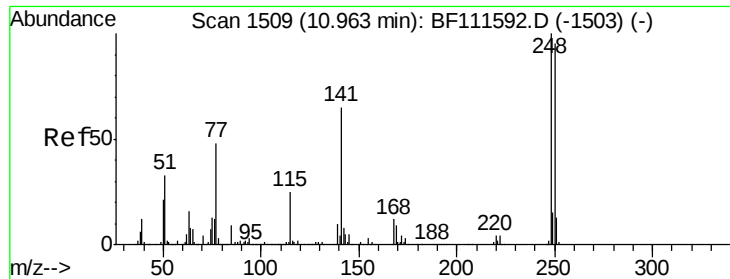
Tot Ion:198 Resp: 77905
Ion Ratio Lower Upper
198 100
51 49.7 48.0 88.0
105 43.8 34.0 74.0



#66
n-Nitrosodiphenylamine
Concen: 36.792 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.01 min
Lab File: BF111829.D
Acq: 3 Jan 2019 19:00

Tgt Ion:169 Resp: 1070720
Ion Ratio Lower Upper
169 100
168 67.0 54.4 81.6
167 36.7 30.5 45.7

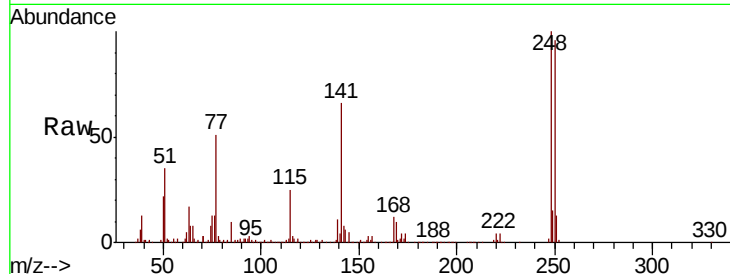




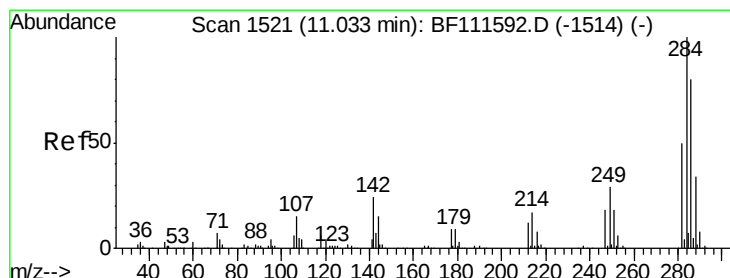
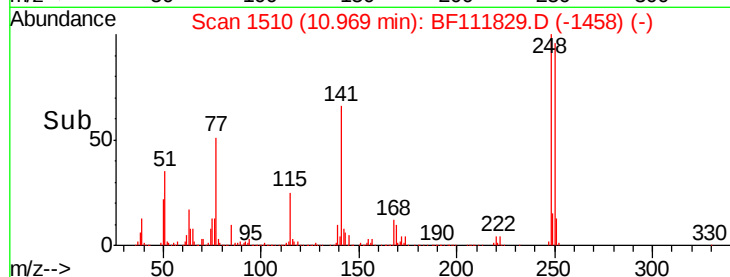
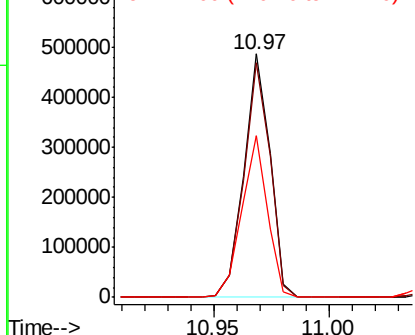
#67
 4-Bromophenyl-phenylether
 Concen: 35.966 ng
 RT: 10.97 min Scan# 1510
 Delta R.T. 0.01 min
 Lab File: BF111829.D
 Acq: 3 Jan 2019 19:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.5	77.0	115.4
141	66.3	63.0	94.6

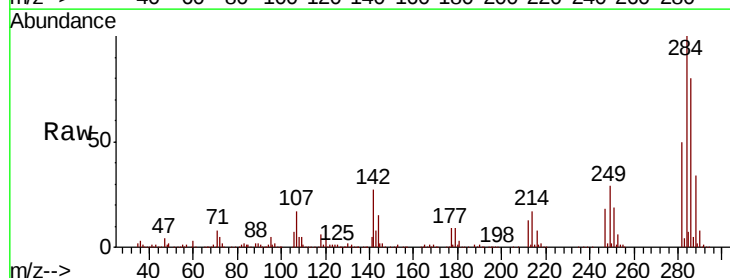


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

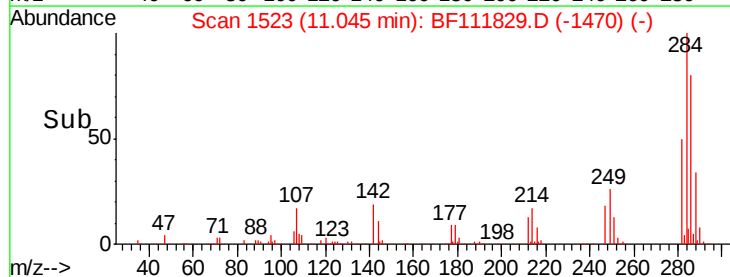
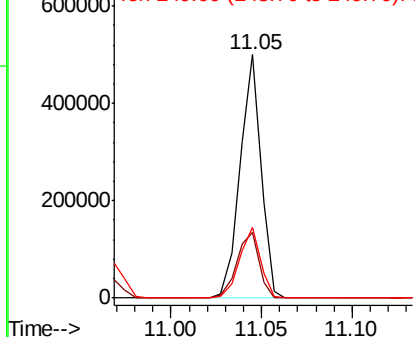


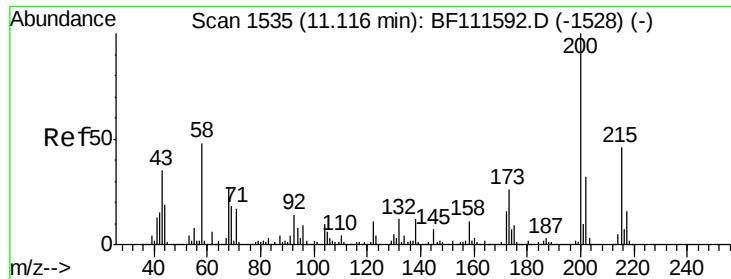
#68
 Hexachlorobenzene
 Concen: 33.384 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. 0.01 min
 Lab File: BF111829.D
 Acq: 3 Jan 2019 19:00

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.2	27.4	41.2#
249	29.0	24.4	36.6



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





#69

Atrazine

Concen: 35.492 ng

RT: 11.12 min Scan# 1536

Delta R.T. 0.01 min

Lab File: BF111829.D

Acq: 3 Jan 2019 19:00

Instrument :

BNA_F

ClientSampled :

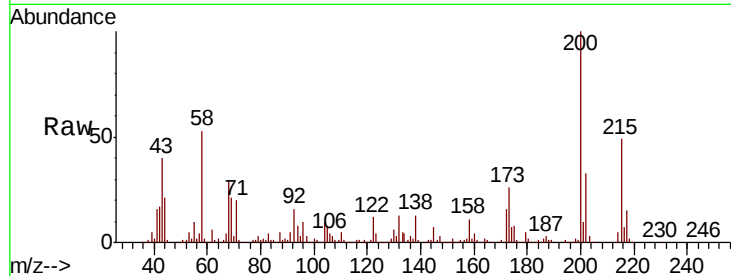
Tot Ion:200 Resp: 358829

Ion Ratio Lower Upper

200 100

173 26.2 10.1 50.1

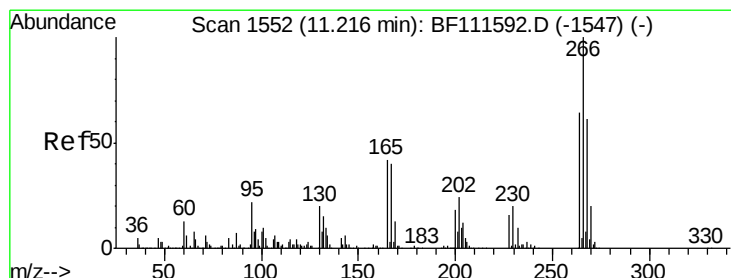
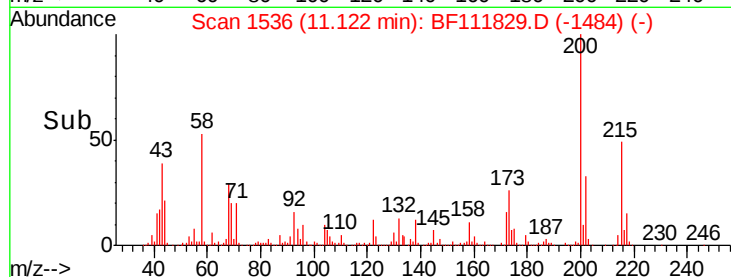
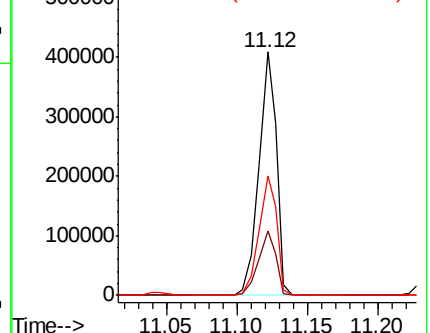
215 49.1 26.9 66.9



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: 48.026 ng

RT: 11.24 min Scan# 1556

Delta R.T. 0.02 min

Lab File: BF111829.D

Acq: 3 Jan 2019 19:00

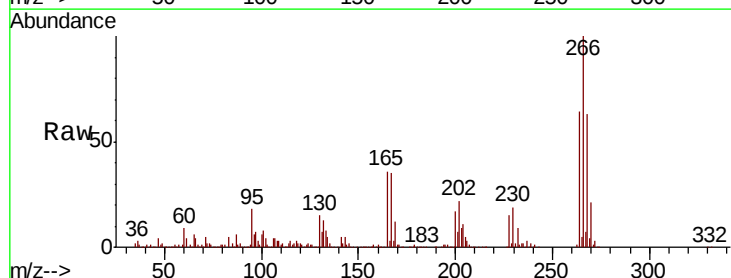
Tgt Ion:266 Resp: 355971

Ion Ratio Lower Upper

266 100

268 63.3 47.9 71.9

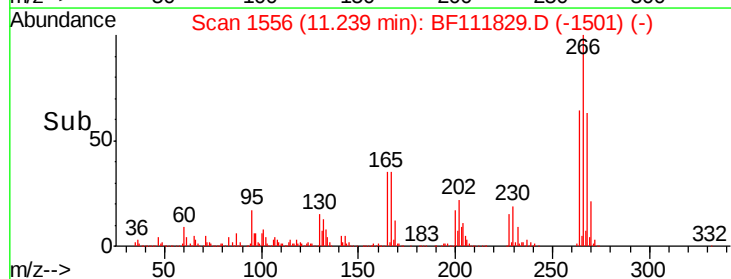
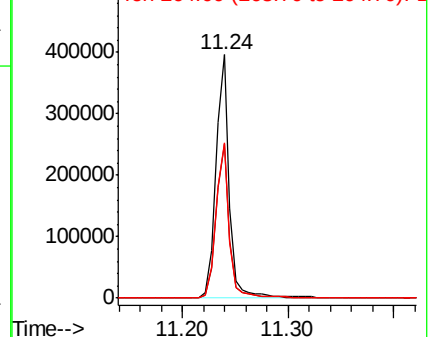
264 63.7 49.1 73.7

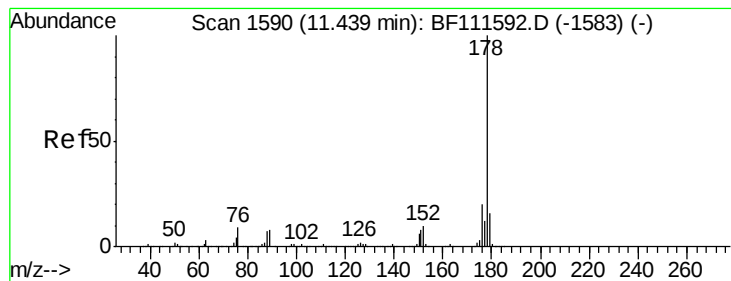


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 33.812 ng

RT: 11.45 min Scan# 1592

Delta R.T. 0.01 min

Lab File: BF111829.D

Acq: 3 Jan 2019 19:00

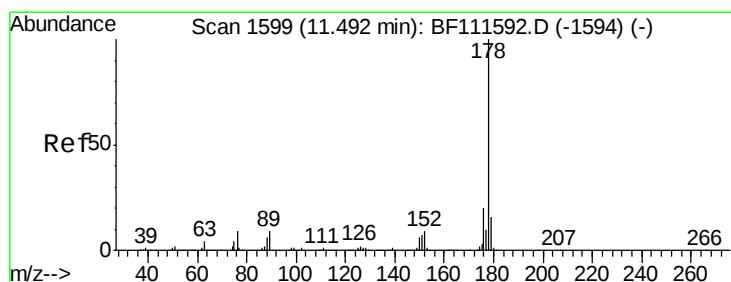
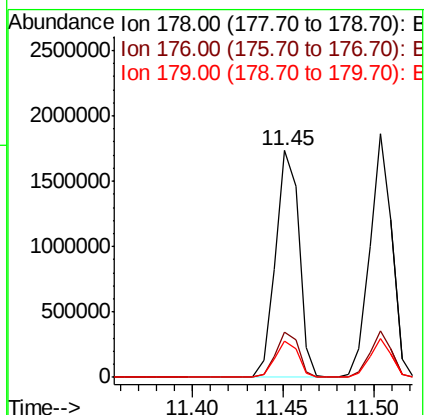
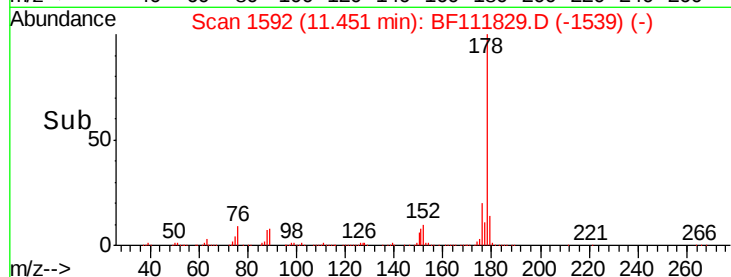
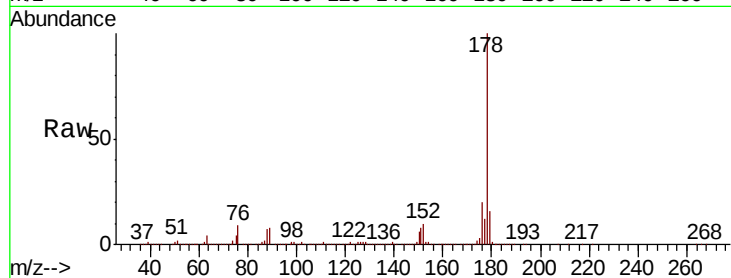
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 1554620

Ion	Ratio	Lower	Upper
178	100		
176	19.9	18.1	27.1
179	15.9	14.0	21.0



#72

Anthracene

Concen: 34.134 ng

RT: 11.50 min Scan# 1601

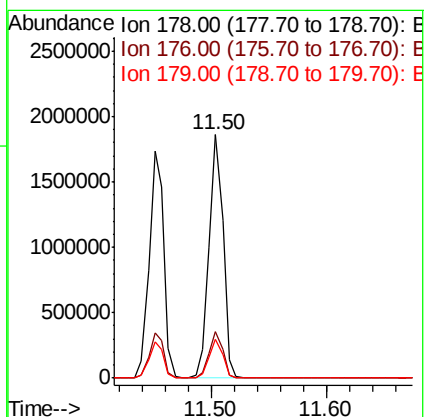
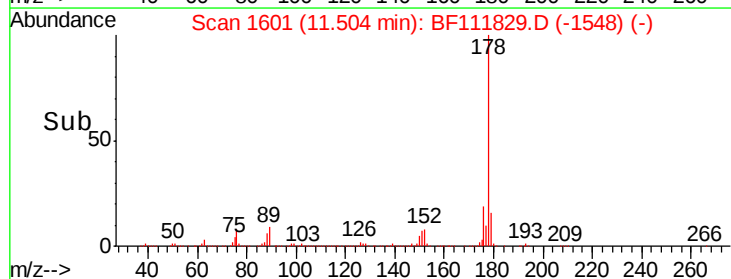
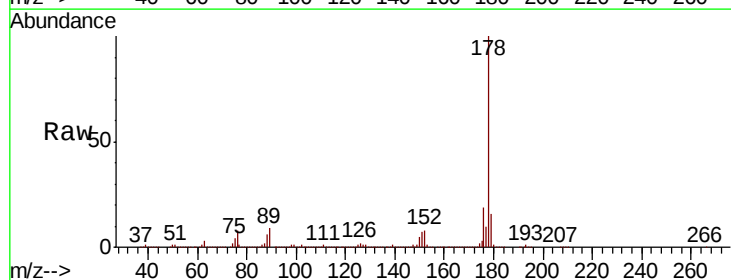
Delta R.T. 0.01 min

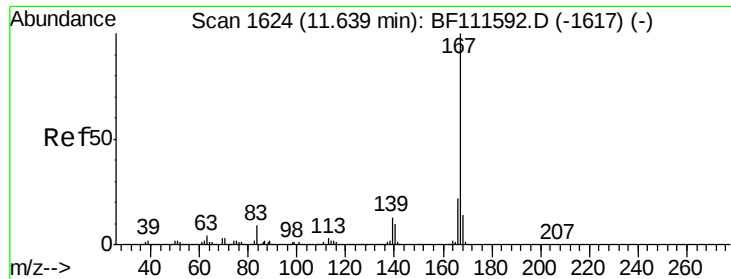
Lab File: BF111829.D

Acq: 3 Jan 2019 19:00

Tgt Ion:178 Resp: 1575281

Ion	Ratio	Lower	Upper
178	100		
176	19.1	17.2	25.8
179	16.1	13.8	20.8

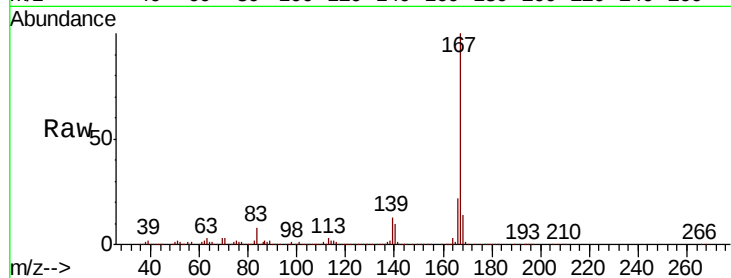




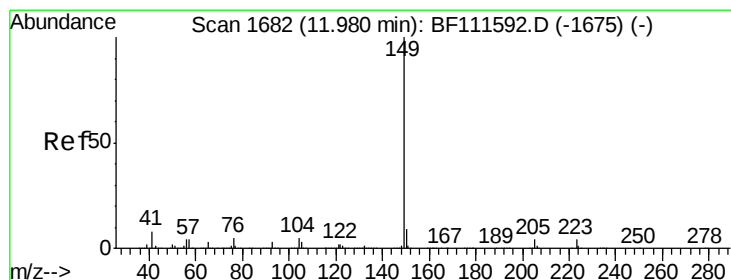
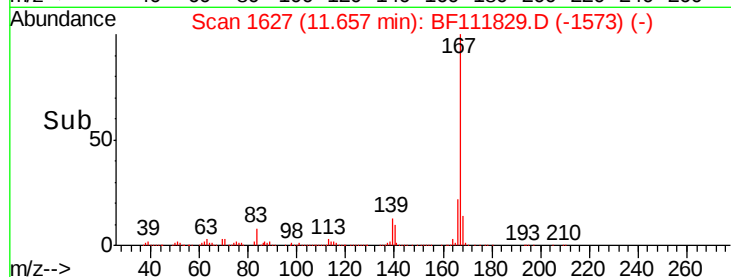
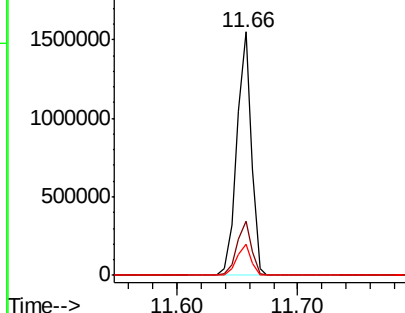
#73
 Carbazole
 Concen: 29.116 ng
 RT: 11.66 min Scan# 1627
 Delta R.T. 0.02 min
 Lab File: BF111829.D
 Acq: 3 Jan 2019 19:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1304556
 Ion Ratio Lower Upper
 167 100
 166 22.2 19.3 28.9
 139 12.7 11.9 17.9

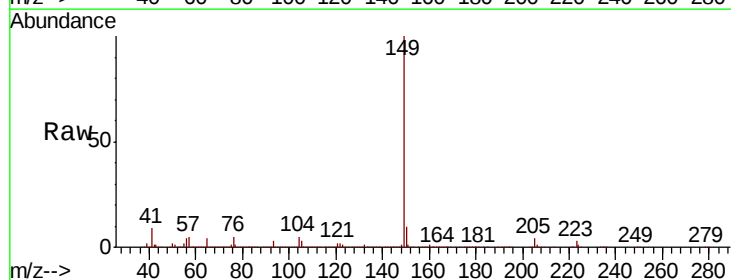


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

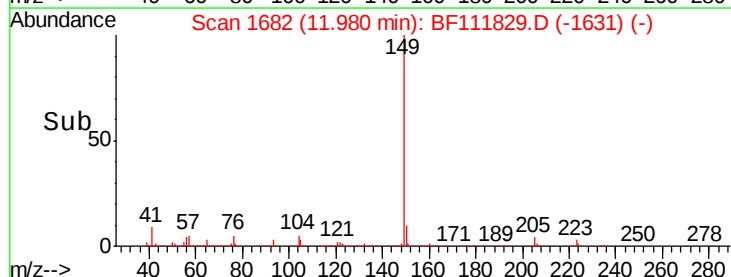
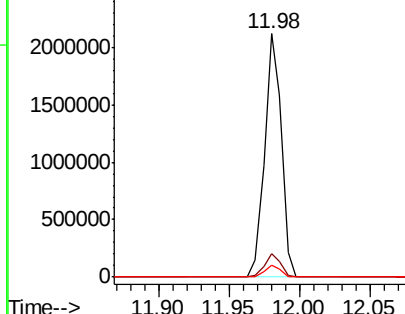


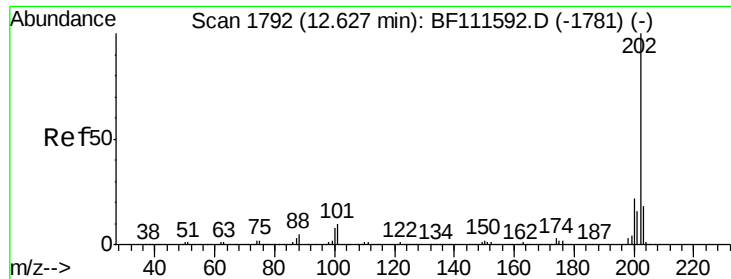
#74
 Di-n-butylphthalate
 Concen: 35.589 ng
 RT: 11.98 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BF111829.D
 Acq: 3 Jan 2019 19:00

Tgt Ion:149 Resp: 1787870
 Ion Ratio Lower Upper
 149 100
 150 9.8 8.8 13.2
 104 5.0 4.5 6.7



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 28.502 ng

RT: 12.64 min Scan# 1794

Delta R.T. 0.01 min

Lab File: BF111829.D

Acq: 3 Jan 2019 19:00

Instrument :

BNA_F

ClientSampleId :

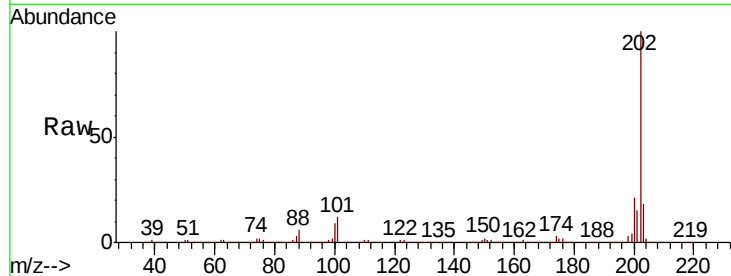
Tot Ion:202 Resp: 1327013

Ion Ratio Lower Upper

202 100

101 11.7 0.0 33.8

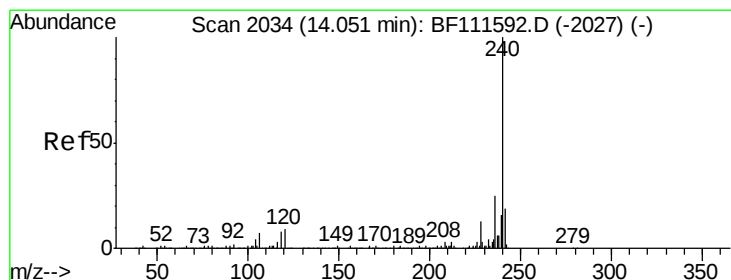
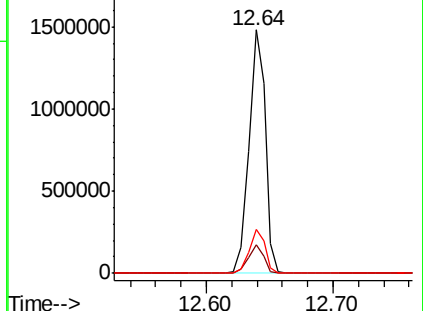
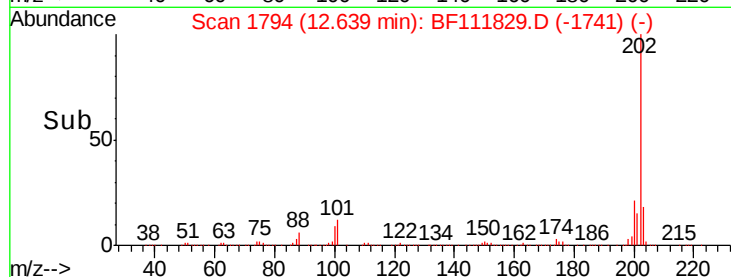
203 18.1 0.0 38.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.07 min Scan# 2037

Delta R.T. 0.02 min

Lab File: BF111829.D

Acq: 3 Jan 2019 19:00

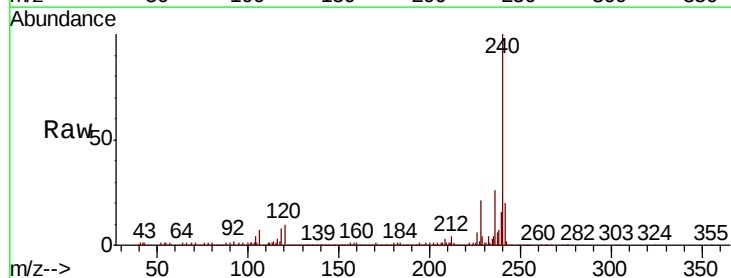
Tgt Ion:240 Resp: 569882

Ion Ratio Lower Upper

240 100

120 9.8 12.2 18.2#

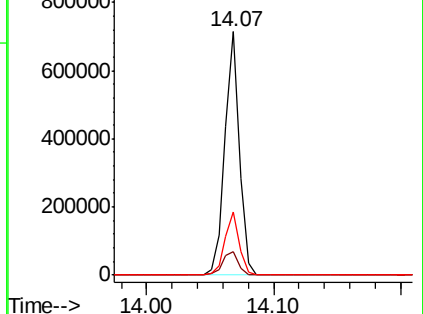
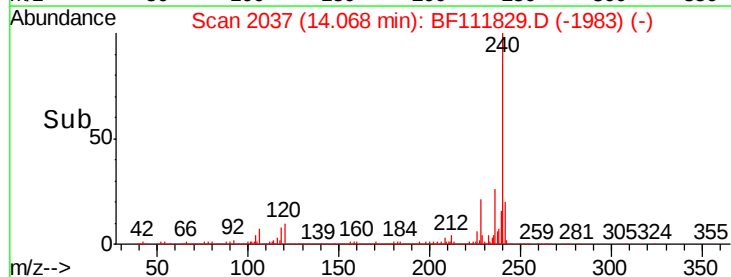
236 25.7 20.2 30.2

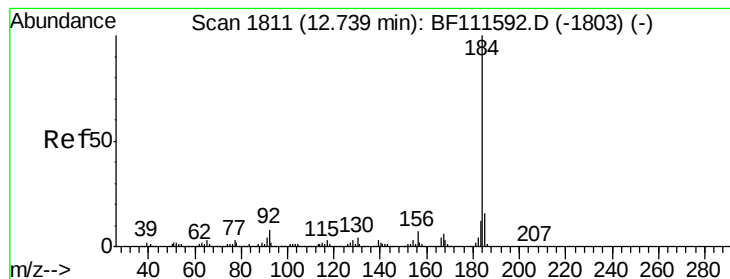


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 29.910 ng

RT: 12.76 min Scan# 1814

Delta R.T. 0.02 min

Lab File: BF111829.D

Acq: 3 Jan 2019 19:00

Instrument :

BNA_F

ClientSampleId :

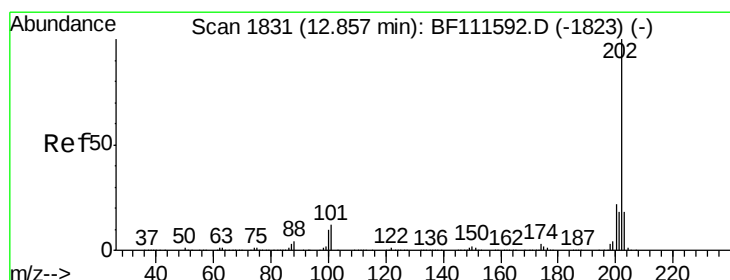
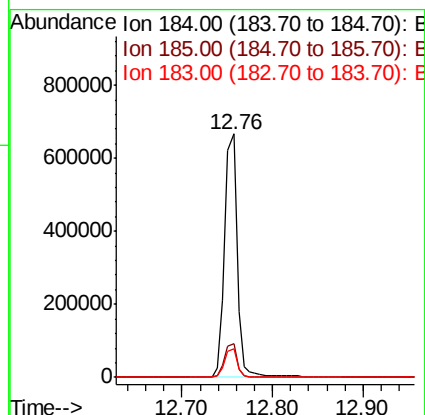
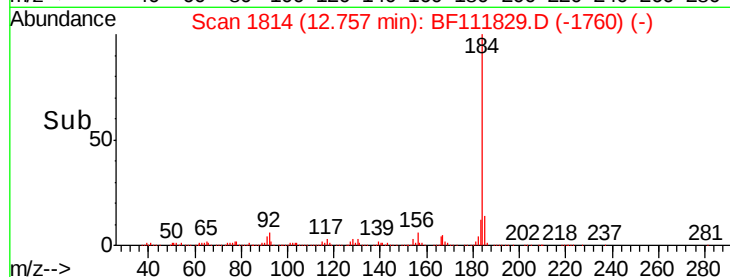
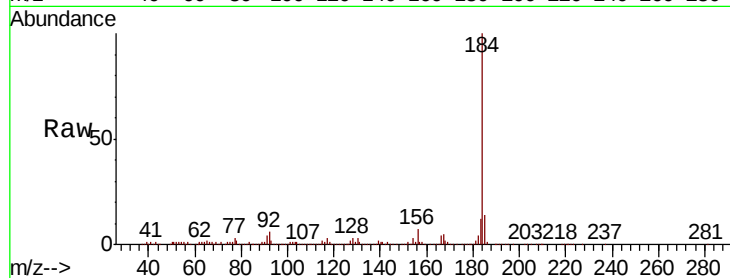
Tot Ion:184 Resp: 641392

Ion Ratio Lower Upper

184 100

185 13.8 13.0 19.6

183 11.6 9.3 13.9



#78

Pyrene

Concen: 31.838 ng

RT: 12.87 min Scan# 1833

Delta R.T. 0.01 min

Lab File: BF111829.D

Acq: 3 Jan 2019 19:00

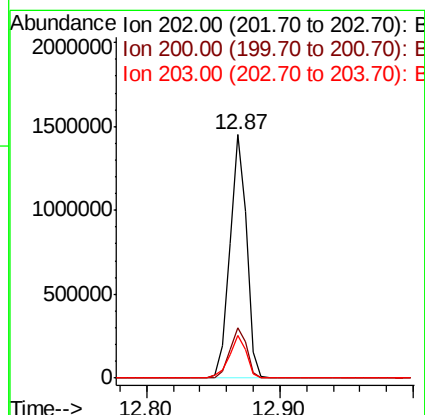
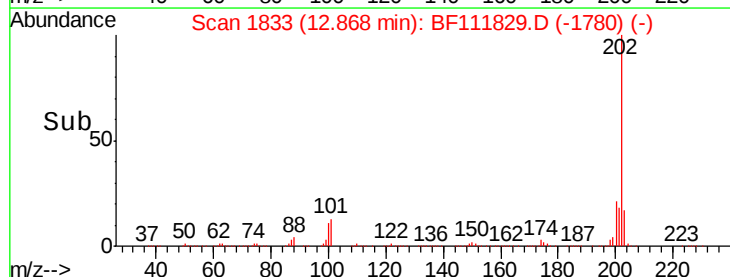
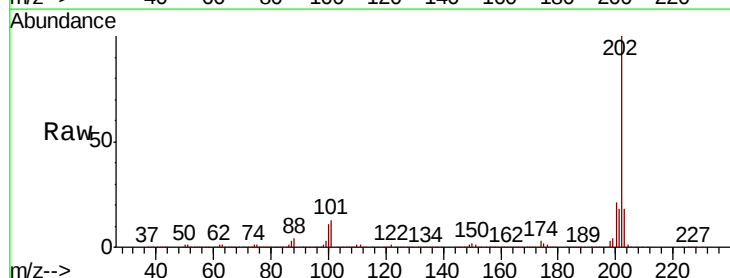
Tgt Ion:202 Resp: 1281264

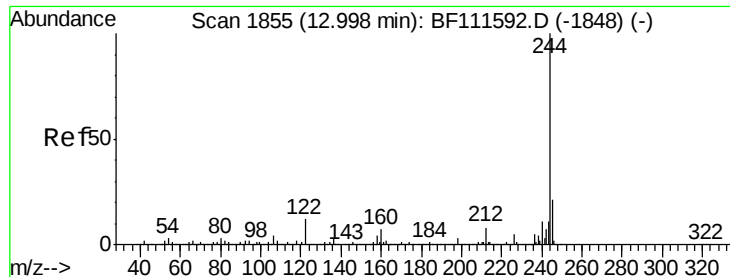
Ion Ratio Lower Upper

202 100

200 20.8 19.0 28.4

203 17.5 15.2 22.8





#79

Terphenyl-d14

Concen: 65.965 ng

RT: 13.01 min Scan# 1857

Delta R.T. 0.01 min

Lab File: BF111829.D

Acq: 3 Jan 2019 19:00

Instrument :

BNA_F

ClientSampled :

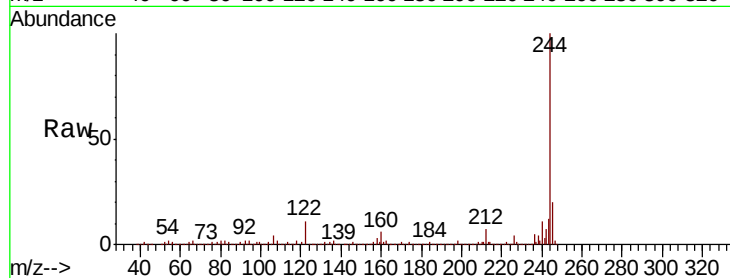
Tot Ion:244 Resp: 1982284

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

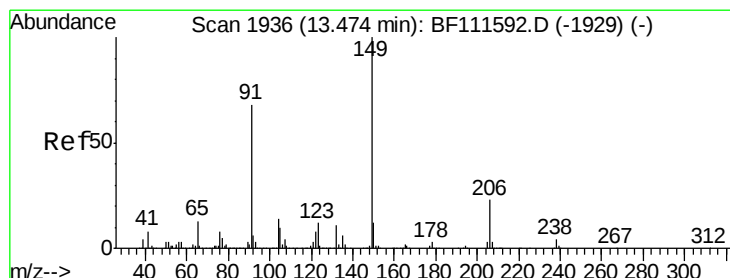
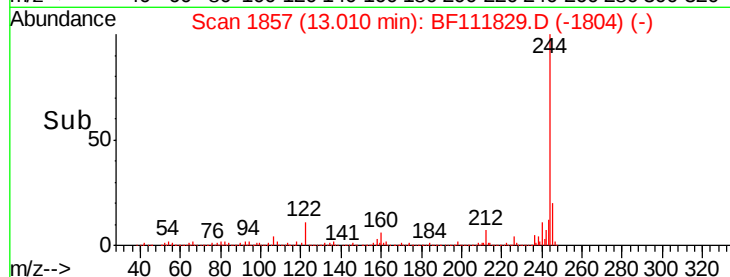
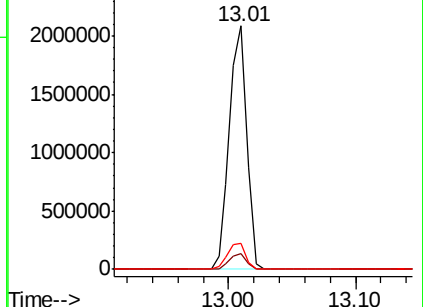
122 10.6 13.1 19.7#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 34.308 ng

RT: 13.48 min Scan# 1937

Delta R.T. 0.01 min

Lab File: BF111829.D

Acq: 3 Jan 2019 19:00

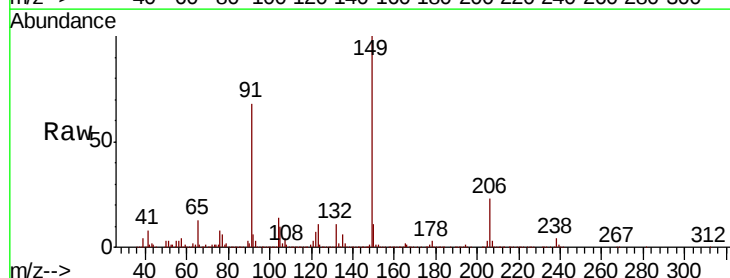
Tgt Ion:149 Resp: 562805

Ion Ratio Lower Upper

149 100

91 67.9 63.8 95.6

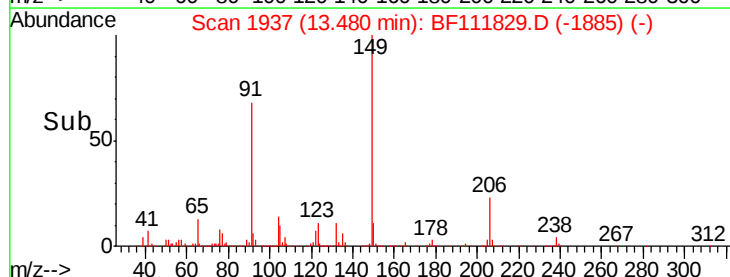
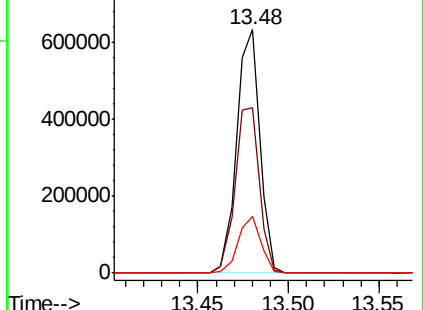
206 23.3 15.1 22.7#

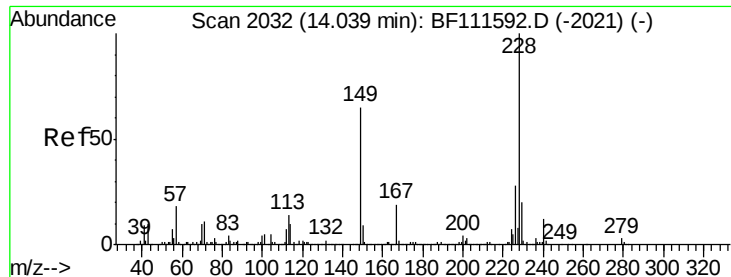


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

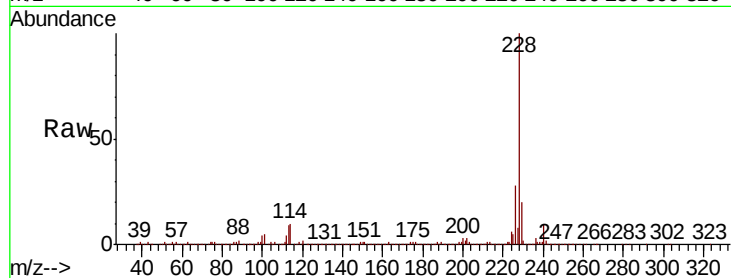




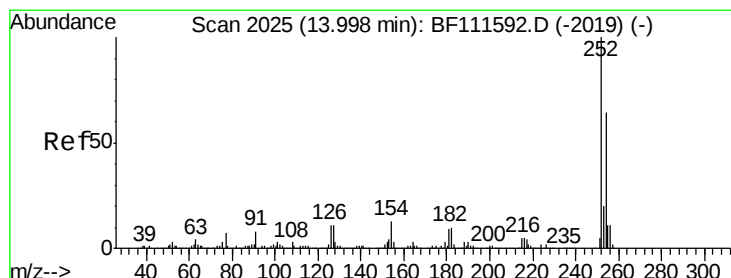
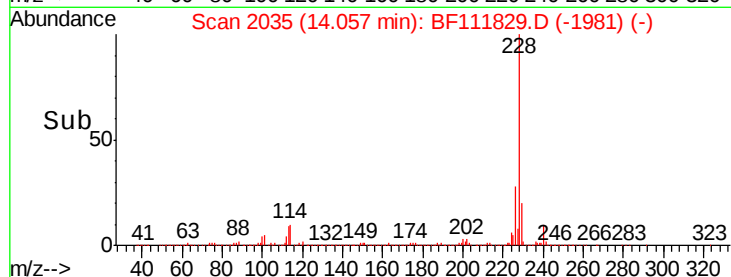
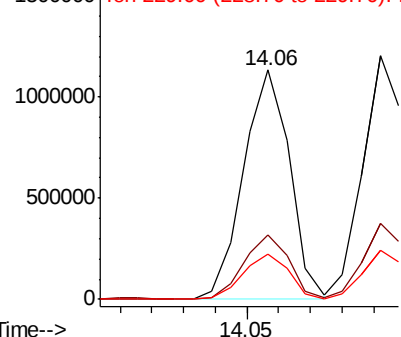
#81
Benzo(a)anthracene
Concen: 35.138 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.02 min
Lab File: BF111829.D
Acq: 3 Jan 2019 19:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 1142802
Ion Ratio Lower Upper
228 100
226 27.9 22.6 34.0
229 19.7 16.3 24.5

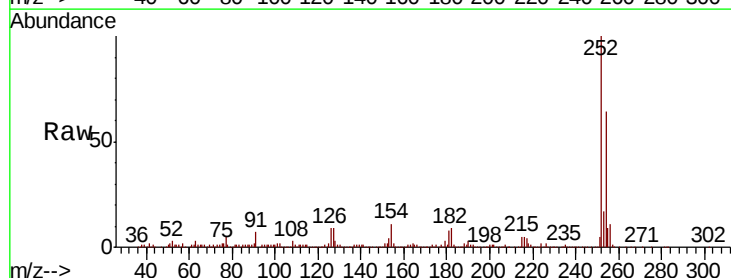


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

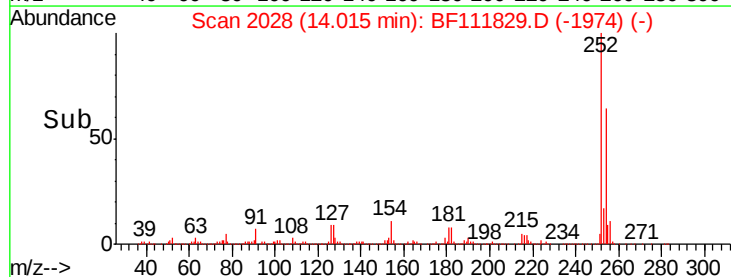
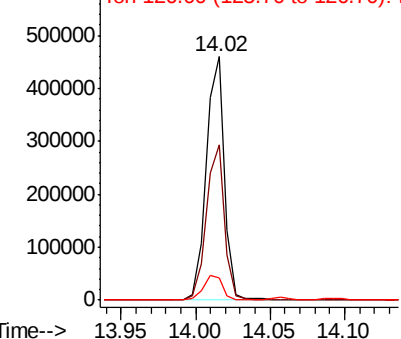


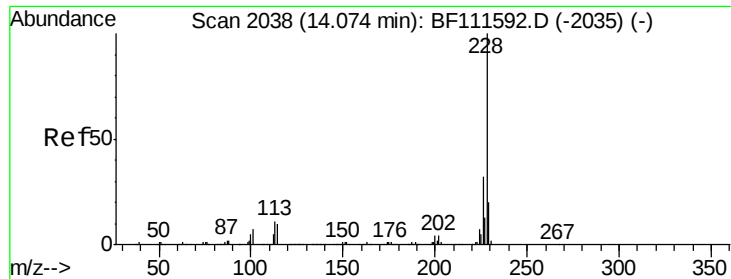
#82
3,3'-Dichlorobenzidine
Concen: 30.719 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.02 min
Lab File: BF111829.D
Acq: 3 Jan 2019 19:00

Tgt Ion:252 Resp: 394739
Ion Ratio Lower Upper
252 100
254 63.6 52.7 79.1
126 9.2 11.1 16.7#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E

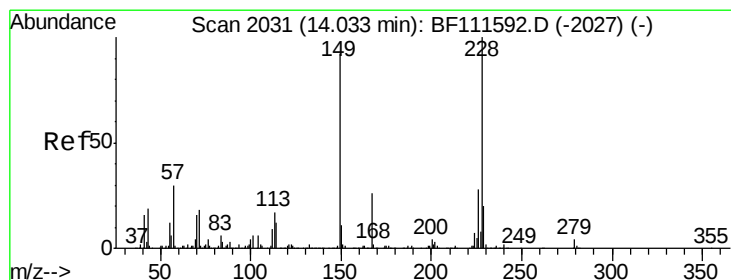
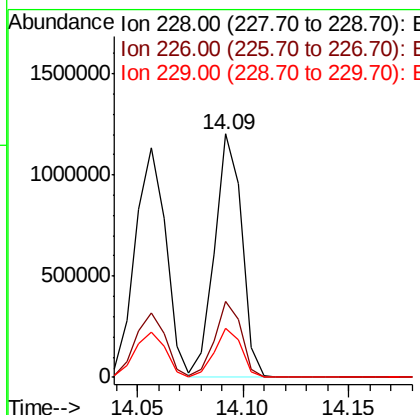
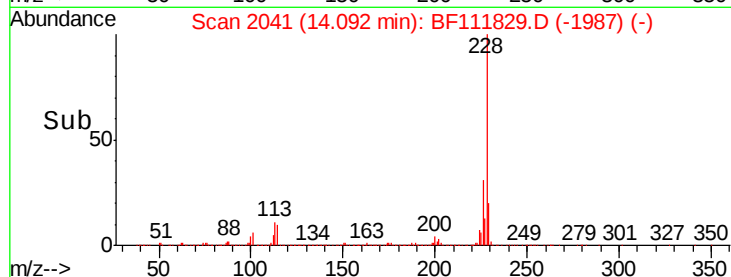
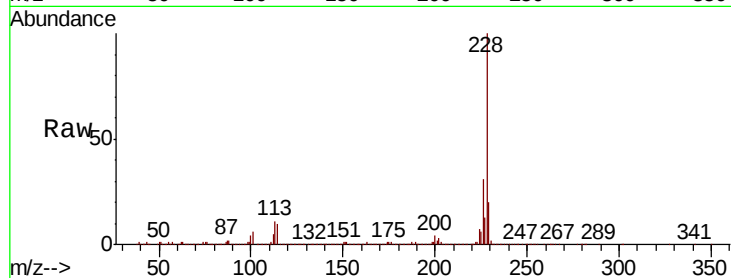




#83
 Chrvsene
 Concen: 33.651 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. 0.02 min
 Lab File: BF111829.D
 Acq: 3 Jan 2019 19:00

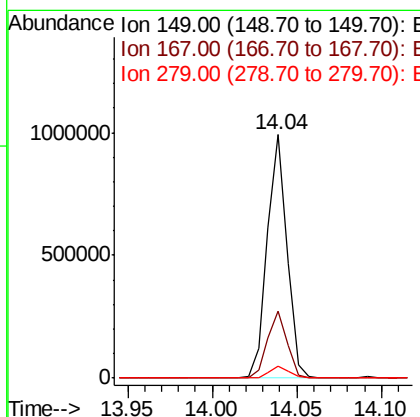
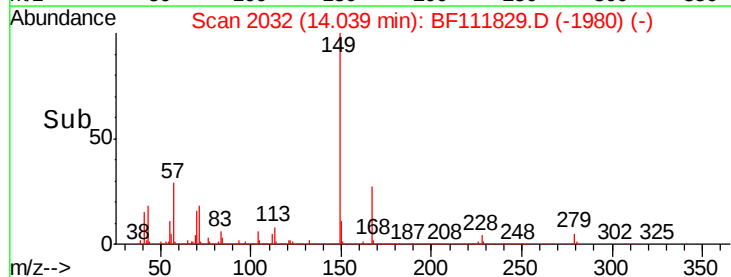
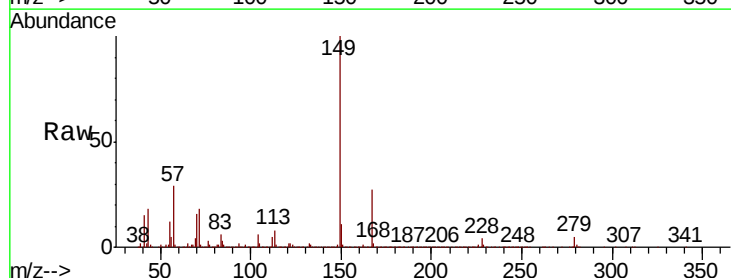
Instrument :
 BNA_F
 ClientSampleId :

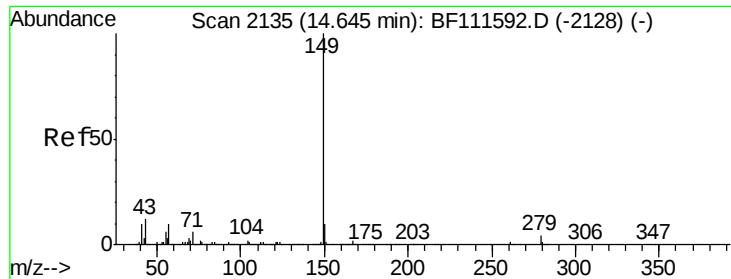
Tot Ion:228 Resp: 1075669
 Ion Ratio Lower Upper
 228 100
 226 30.9 25.3 37.9
 229 20.4 17.2 25.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 38.621 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. 0.01 min
 Lab File: BF111829.D
 Acq: 3 Jan 2019 19:00

Tgt Ion:149 Resp: 798039
 Ion Ratio Lower Upper
 149 100
 167 27.3 22.5 33.7
 279 4.7 2.6 4.0#





#85

Di-n-octyl phthalate

Concen: 39.959 ng

RT: 14.65 min Scan# 2136

Delta R.T. 0.01 min

Lab File: BF111829.D

Acq: 3 Jan 2019 19:00

Instrument :

BNA_F

ClientSampleId :

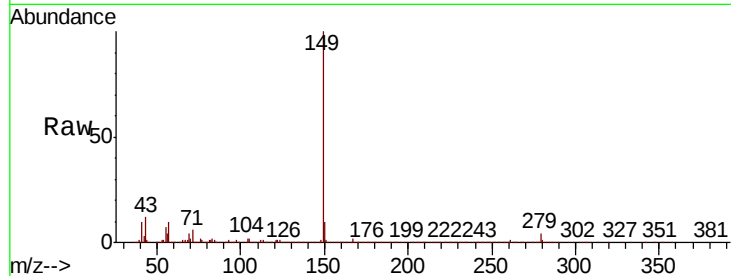
Tot Ion:149 Resp: 1279280

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

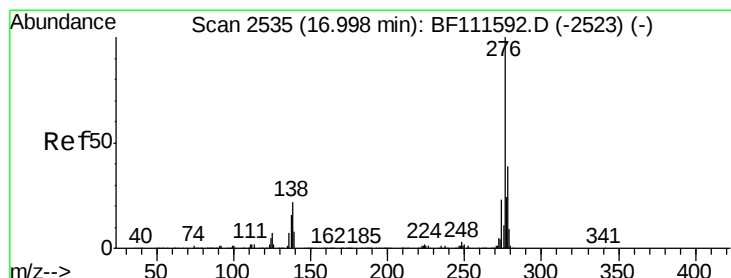
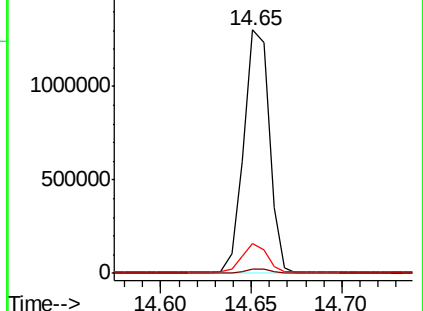
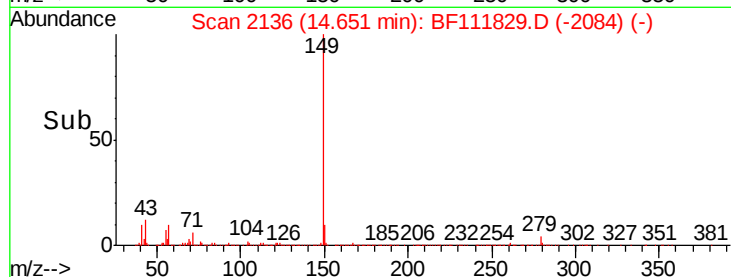
43 11.2 10.9 16.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 26.877 ng

RT: 17.06 min Scan# 2545

Delta R.T. 0.06 min

Lab File: BF111829.D

Acq: 3 Jan 2019 19:00

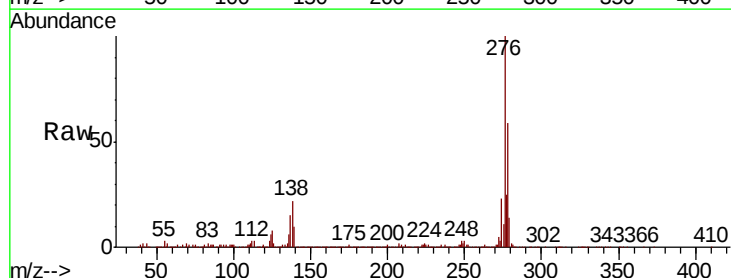
Tgt Ion:276 Resp: 730353

Ion Ratio Lower Upper

276 100

138 23.9 27.8 41.6#

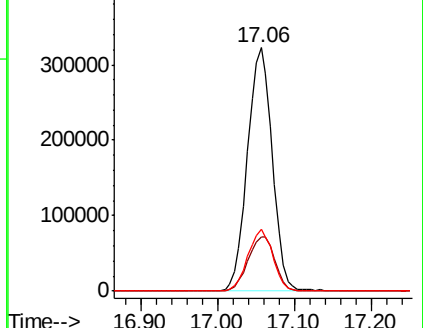
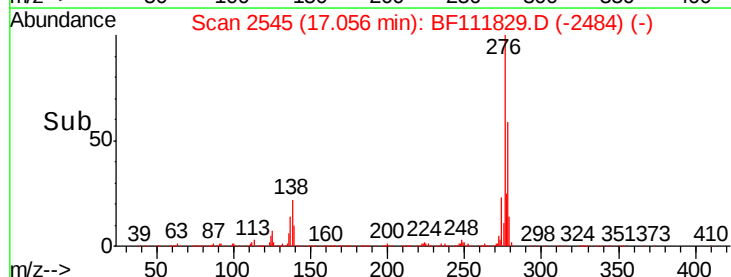
277 25.8 20.1 30.1

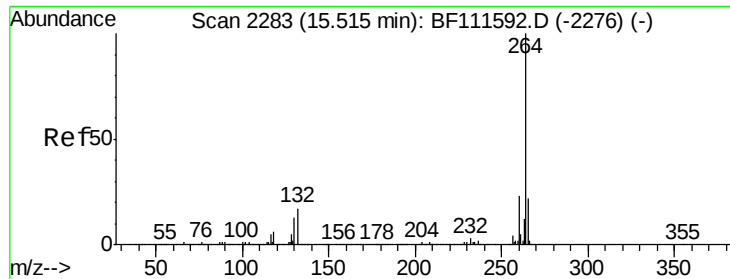


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

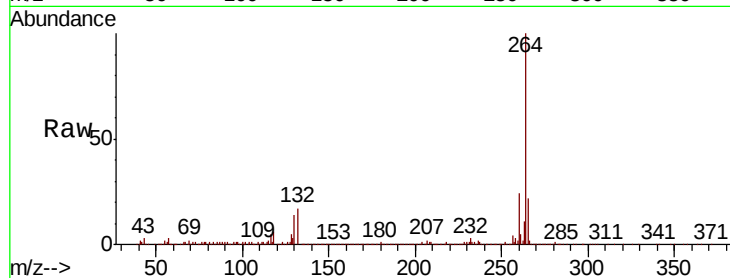




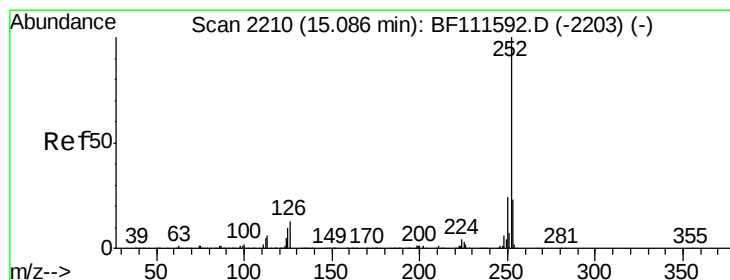
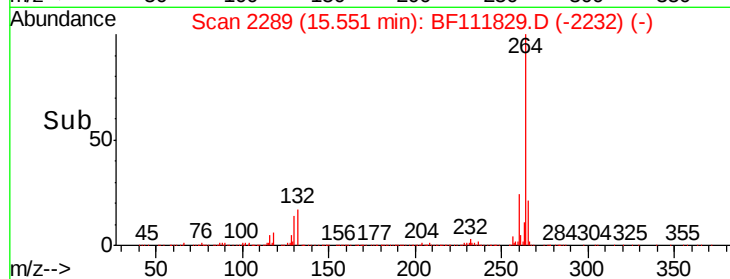
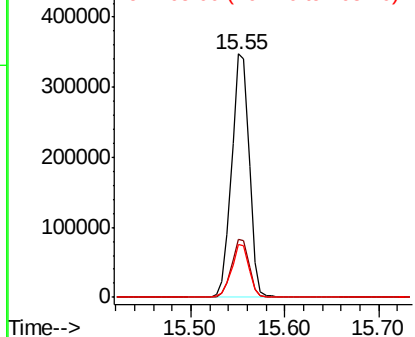
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. 0.04 min
Lab File: BF111829.D
Acq: 3 Jan 2019 19:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 453329
Ion Ratio Lower Upper
264 100
260 23.8 18.3 27.5
265 21.6 17.7 26.5

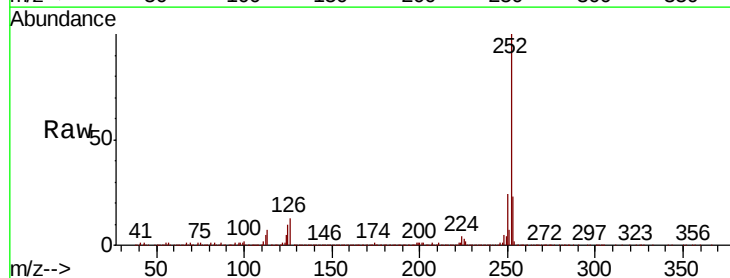


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

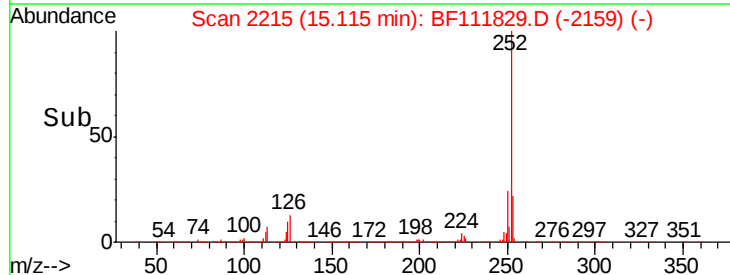
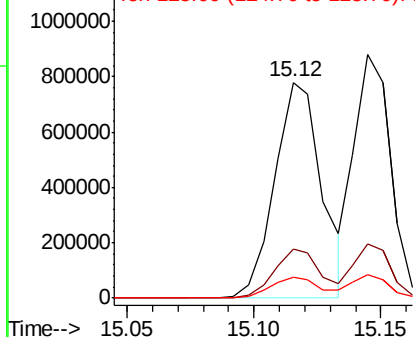


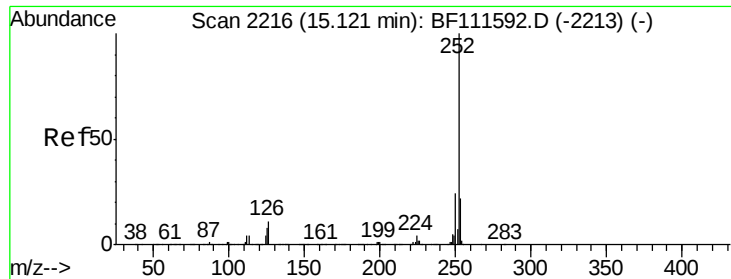
#88
Benzo(b)fluoranthene
Concen: 38.132 ng
RT: 15.12 min Scan# 2215
Delta R.T. 0.03 min
Lab File: BF111829.D
Acq: 3 Jan 2019 19:00

Tgt Ion:252 Resp: 1010298
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.2
125 9.7 10.4 15.6#



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

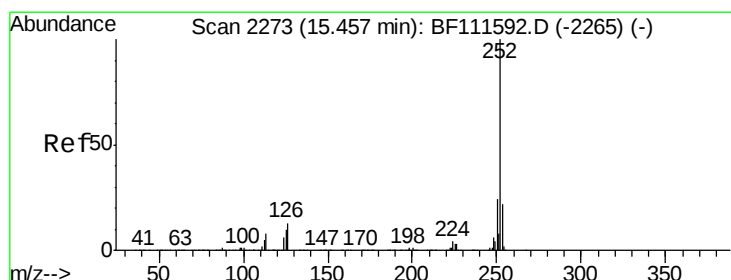
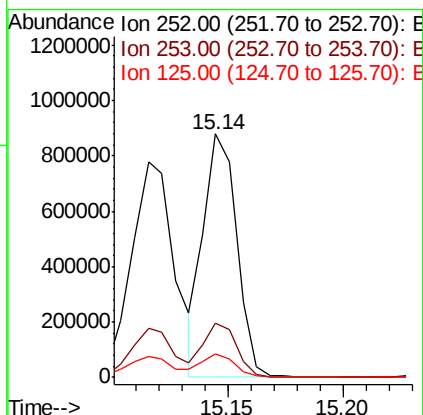
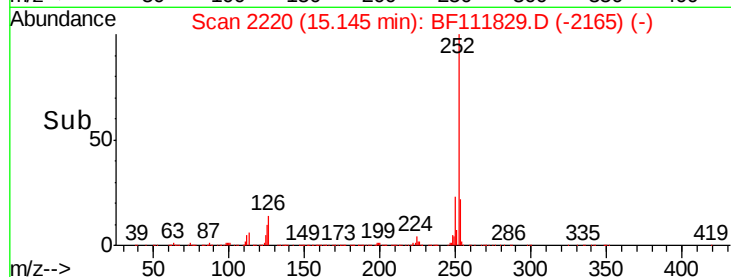
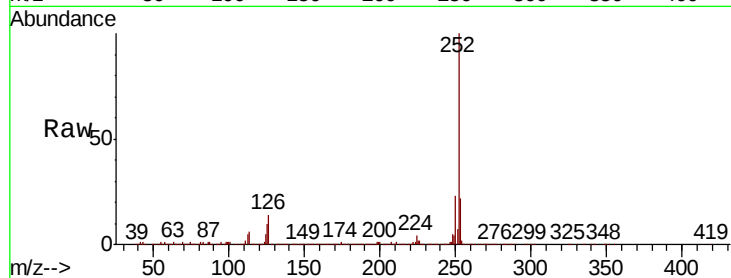




#89
Benzo(k)fluoranthene
Concen: 34.846 ng
RT: 15.14 min Scan# 2220
Delta R.T. 0.02 min
Lab File: BF111829.D
Acq: 3 Jan 2019 19:00

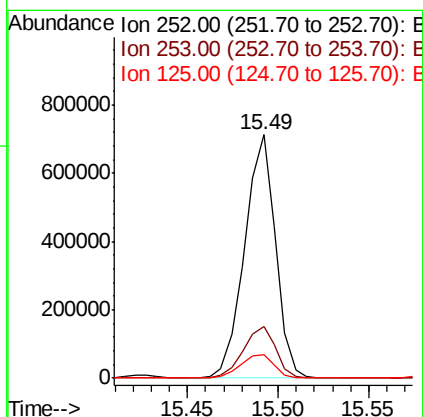
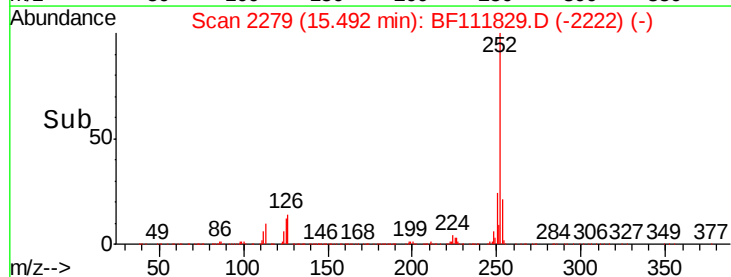
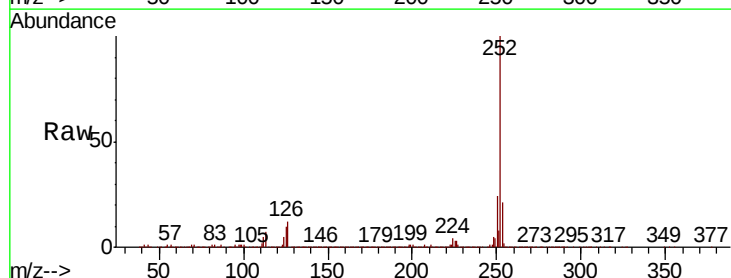
Instrument :
BNA_F
ClientSampled :

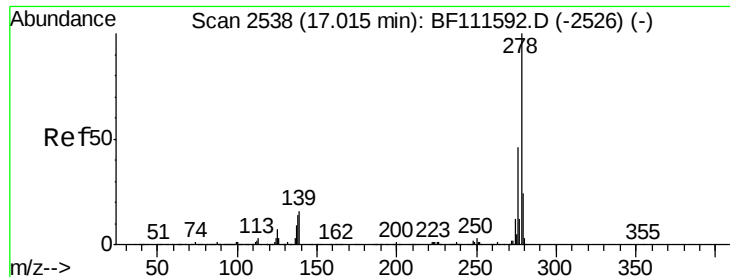
Tot Ion:252 Resp: 878934
Ion Ratio Lower Upper
252 100
253 22.4 18.1 27.1
125 9.9 9.8 14.8



#90
Benzo(a)pyrene
Concen: 34.971 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.04 min
Lab File: BF111829.D
Acq: 3 Jan 2019 19:00

Tgt Ion:252 Resp: 841759
Ion Ratio Lower Upper
252 100
253 21.3 17.8 26.8
125 9.8 12.3 18.5#

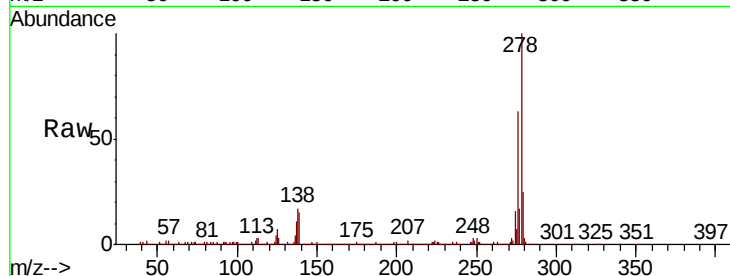




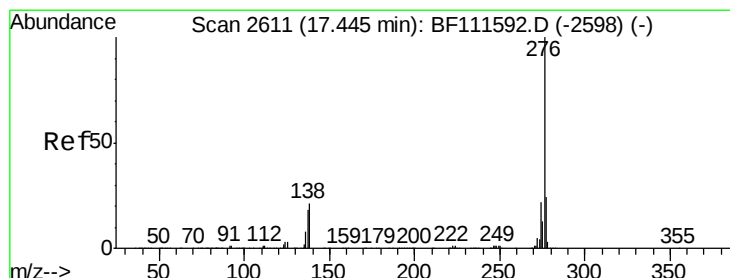
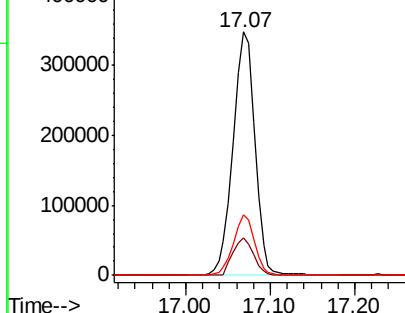
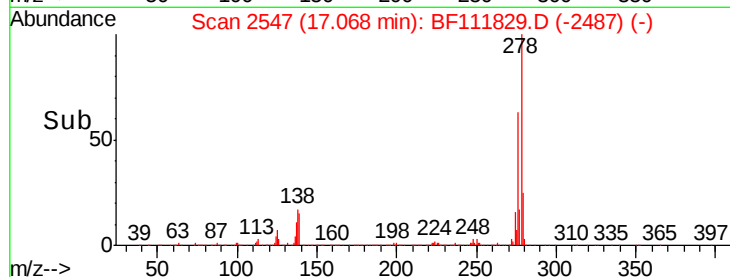
#91
Dibenzo(a,h)anthracene
Concen: 29.468 ng
RT: 17.07 min Scan# 2547
Delta R.T. 0.05 min
Lab File: BF111829.D
Acq: 3 Jan 2019 19:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 621127
Ion Ratio Lower Upper
278 100
139 15.4 18.2 27.4#
279 24.7 19.0 28.6

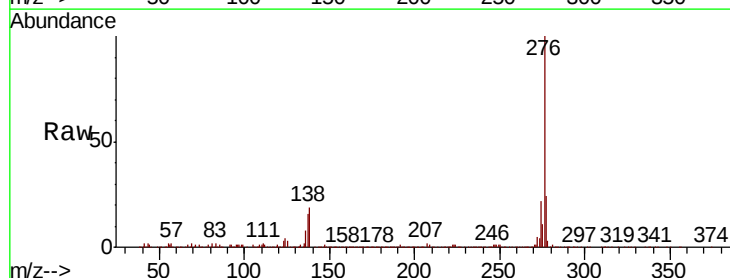


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 28.504 ng
RT: 17.51 min Scan# 2622
Delta R.T. 0.06 min
Lab File: BF111829.D
Acq: 3 Jan 2019 19:00

Tgt Ion:276 Resp: 586666
Ion Ratio Lower Upper
276 100
277 23.7 19.2 28.8
138 19.3 24.9 37.3#



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

