

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032619\
 Data File : BF113288.D
 Acq On : 26 Mar 2019 13:23
 Operator : JU/SJ
 Sample : PB118273BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB118273BS

Quant Time: Mar 27 04:55:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	198605	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	763793	20.00	ng	0.00
39) Acenaphthene-d10	9.74	164	358073	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	681878	20.00	ng	0.00
76) Chrysene-d12	13.84	240	396191	20.00	ng	0.00
87) Perylene-d12	15.24	264	353798	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	1267620	104.36	ng	0.02
7) Phenol-d6	6.36	99	1661893	108.16	ng	0.00
23) Nitrobenzene-d5	7.27	82	1025918	79.72	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	493480	111.57	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1809869	77.71	ng	0.00
79) Terphenyl-d14	12.79	244	1644668	91.50	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	202000	32.778	ng	100
3) Pyridine	3.19	79	469929	30.932	ng	96
4) n-Nitrosodimethylamine	3.12	42	227853	33.737	ng	94
6) Aniline	6.37	93	471190	25.181	ng	# 74
8) 2-Chlorophenol	6.49	128	506189	35.887	ng	100
9) Benzaldehyde	6.25	77	171413	16.624	ng	97
10) Phenol	6.37	94	600212	34.216	ng	91
11) bis(2-Chloroethyl)ether	6.45	93	476939	35.469	ng	100
12) 1,3-Dichlorobenzene	6.65	146	544684	35.825	ng	98
13) 1,4-Dichlorobenzene	6.72	146	567069	38.629	ng	99
14) 1,2-Dichlorobenzene	6.87	146	520145	36.015	ng	97
15) Benzyl Alcohol	6.85	79	393741	38.842	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.99	45	772292	38.232	ng	96
17) 2-Methylphenol	6.97	107	446325	40.377	ng	98
18) Hexachloroethane	7.22	117	203791	38.650	ng	97
19) n-Nitroso-di-n-propylamine	7.12	70	345091	35.754	ng	97
20) 3+4-Methylphenols	7.13	107	523275	40.458	ng	96
22) Acetophenone	7.12	105	708014	40.647	ng	# 99
24) Nitrobenzene	7.29	77	552702	41.159	ng	97
25) Isophorone	7.53	82	1000201	40.107	ng	97
26) 2-Nitrophenol	7.60	139	293773	41.388	ng	95
27) 2,4-Dimethylphenol	7.65	122	473311	46.356	ng	99
28) bis(2-Chloroethoxy)methane	7.74	93	620446	39.507	ng	99
29) 2,4-Dichlorophenol	7.85	162	451280	40.786	ng	98
30) 1,2,4-Trichlorobenzene	7.93	180	486668	40.767	ng	99
31) Naphthalene	8.01	128	1504416	40.306	ng	100
32) Benzoic acid	7.78	122	186891	22.739	ng	98
33) 4-Chloroaniline	8.06	127	414220	28.460	ng	99
34) Hexachlorobutadiene	8.13	225	285567	40.248	ng	98
35) Caprolactam	8.43	113	79811	22.475	ng	99
36) 4-Chloro-3-methylphenol	8.56	107	455249	40.907	ng	100
37) 2-Methylnaphthalene	8.70	142	996760	42.799	ng	99
38) 1-Methylnaphthalene	8.80	142	940146	41.969	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	456730	39.736	ng	99

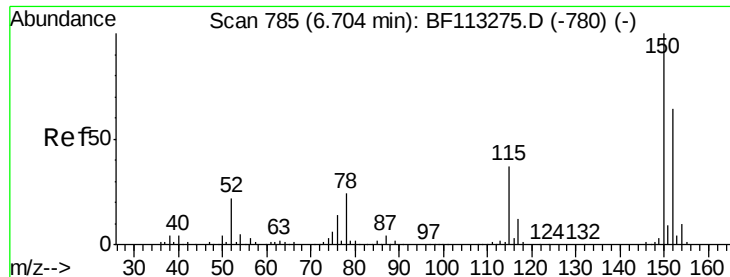
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032619\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.86	237	381646	78.445	ng	99
43) 2,4,6-Trichlorophenol	8.98	196	303084	40.493	ng	96
44) 2,4,5-Trichlorophenol	9.03	196	327816	39.575	ng	98
46) 1,1'-Biphenyl	9.16	154	1174286	39.266	ng	99
47) 2-Chloronaphthalene	9.19	162	906404	39.364	ng	100
48) 2-Nitroaniline	9.29	65	287267	39.754	ng	94
49) Acenaphthylene	9.60	152	1443573	38.773	ng	100
50) Dimethylphthalate	9.47	163	1051371	39.620	ng	100
51) 2,6-Dinitrotoluene	9.53	165	236482	39.503	ng	94
52) Acenaphthene	9.77	154	826163	39.403	ng	99
53) 3-Nitroaniline	9.69	138	199996	29.624	ng	92
54) 2,4-Dinitrophenol	9.81	184	163558	54.932	ng	# 88
55) Dibenzofuran	9.95	168	1246026	39.531	ng	98
56) 4-Nitrophenol	9.87	139	347845	72.271	ng	96
57) 2,4-Dinitrotoluene	9.93	165	296632	38.964	ng	97
58) Fluorene	10.29	166	925769	37.808	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.07	232	283582	40.484	ng	100
60) Diethylphthalate	10.16	149	1015410	39.007	ng	99
61) 4-Chlorophenyl-phenylether	10.27	204	462432	38.749	ng	97
62) 4-Nitroaniline	10.31	138	264428	38.043	ng	98
63) Azobenzene	10.43	77	952096	38.854	ng	96
65) 4,6-Dinitro-2-methylphenol	10.35	198	121655	32.614	ng	92
66) n-Nitrosodiphenylamine	10.40	169	860308	41.117	ng	99
67) 4-Bromophenyl-phenylether	10.76	248	303259	40.805	ng	96
68) Hexachlorobenzene	10.83	284	351313	40.725	ng	96
69) Atrazine	10.92	200	256032	38.768	ng	96
70) Pentachlorophenol	11.03	266	311345	69.273	ng	99
71) Phenanthrene	11.24	178	1342602	39.649	ng	100
72) Anthracene	11.29	178	1389791	40.407	ng	99
73) Carbazole	11.45	167	1296069	39.490	ng	99
74) Di-n-butylphthalate	11.78	149	1503761	39.511	ng	100
75) Fluoranthene	12.42	202	1335555	34.889	ng	99
77) Benzidine	12.54	184	401406	26.457	ng	98
78) Pyrene	12.65	202	1320966	48.114	ng	99
80) Butylbenzylphthalate	13.26	149	541536	44.757	ng	98
81) Benzo(a)anthracene	13.83	228	874778	38.573	ng	99
82) 3,3'-Dichlorobenzidine	13.79	252	261854	28.782	ng	100
83) Chrysene	13.87	228	907521	39.397	ng	100
84) Bis(2-ethylhexyl)phthalate	13.83	149	600450	40.481	ng	98
85) Di-n-octyl phthalate	14.43	149	1001168	39.764	ng	100
86) Indeno(1,2,3-cd)pyrene	16.60	276	1039501	52.581	ng	98
88) Benzo(b)fluoranthene	14.84	252	851016	38.722	ng	99
89) Benzo(k)fluoranthene	14.87	252	834522	43.238	ng	99
90) Benzo(a)pyrene	15.19	252	860240	44.151	ng	99
91) Dibenzo(a,h)anthracene	16.61	278	874209	51.890	ng	98
92) Benzo(g,h,i)perylene	17.00	276	917670	54.022	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.70 min Scan# 785

Delta R.T. 0.00 min

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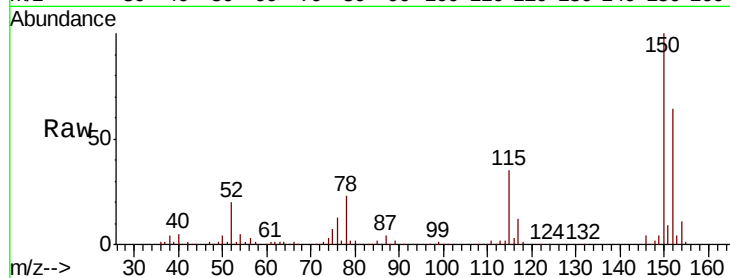
Tgt Ion:152 Resp: 198605

Ion Ratio Lower Upper

152 100

150 156.2 124.7 187.1

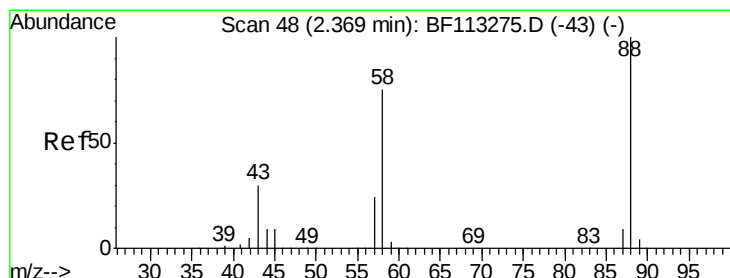
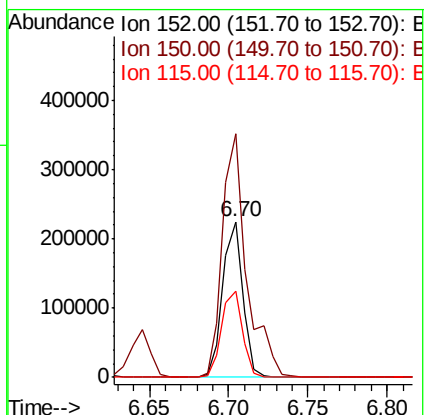
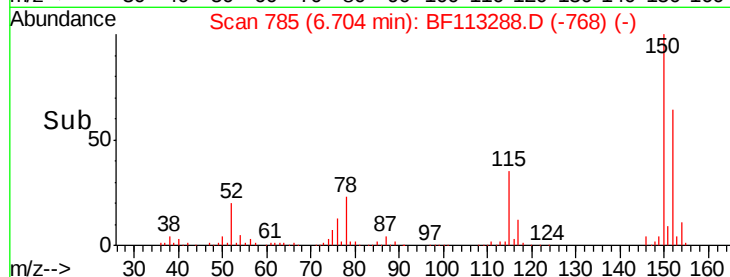
115 55.3 46.0 69.0



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: 32.778 ng

RT: 2.48 min Scan# 67

Delta R.T. 0.11 min

Lab File: BF113288.D

Acq: 26 Mar 2019 13:23

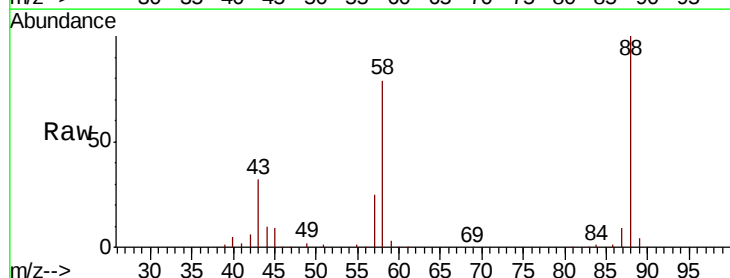
Tgt Ion: 88 Resp: 202000

Ion Ratio Lower Upper

88 100

58 77.5 61.9 92.9

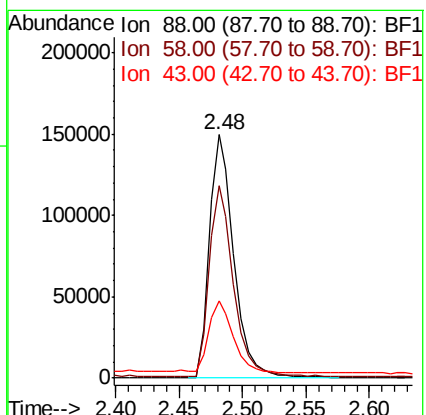
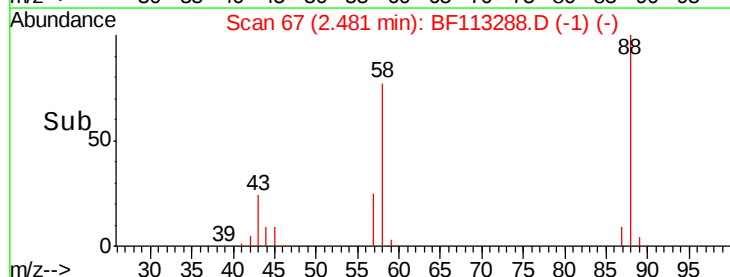
43 30.3 24.2 36.4

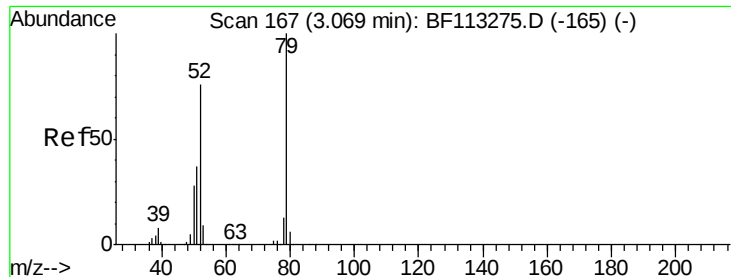


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 30.932 ng

RT: 3.19 min Scan# 188

Delta R.T. 0.12 min

Lab File: BF113288.D

Acq: 26 Mar 2019 13:23

Instrument :

BNA_F

ClientSampleId :

PB118273BS

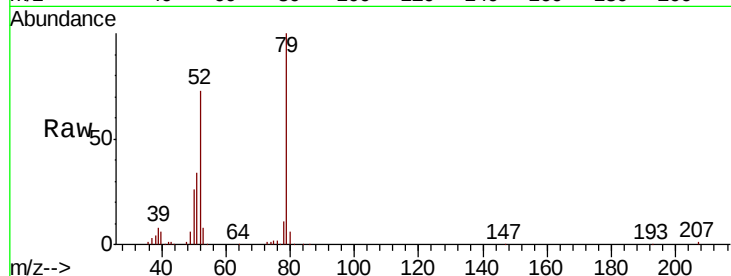
Tgt Ion: 79 Resp: 469929

Ion Ratio Lower Upper

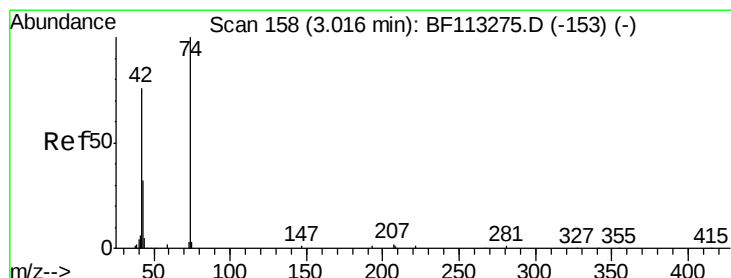
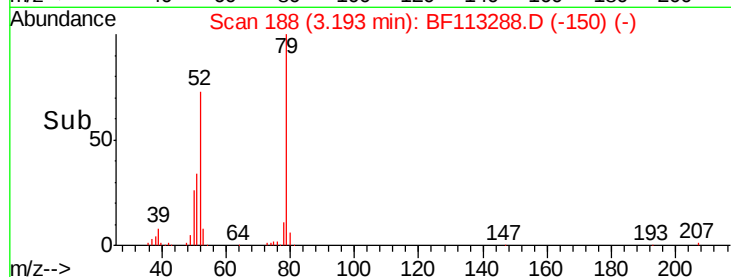
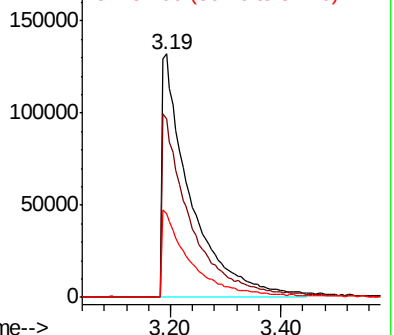
79 100

52 73.3 61.0 91.4

51 34.5 30.6 45.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 33.737 ng

RT: 3.12 min Scan# 176

Delta R.T. 0.11 min

Lab File: BF113288.D

Acq: 26 Mar 2019 13:23

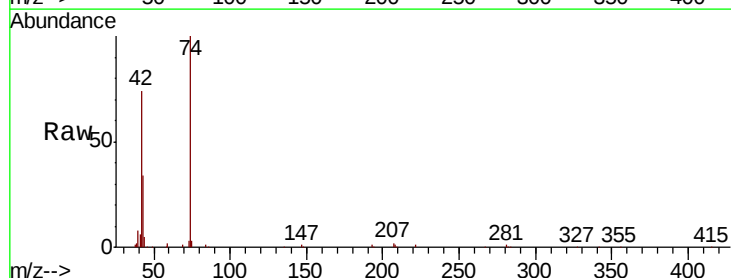
Tgt Ion: 42 Resp: 227853

Ion Ratio Lower Upper

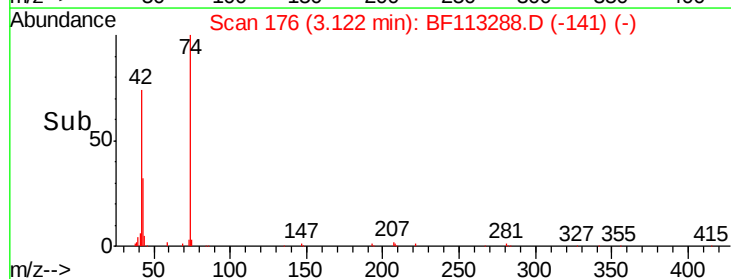
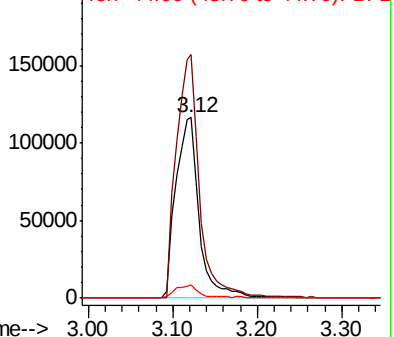
42 100

74 134.9 102.4 153.6

44 7.2 5.5 8.3



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 104.364 ng

RT: 5.33 min Scan# 552

Delta R.T. 0.02 min

Lab File: BF113288.D

Acq: 26 Mar 2019 13:23

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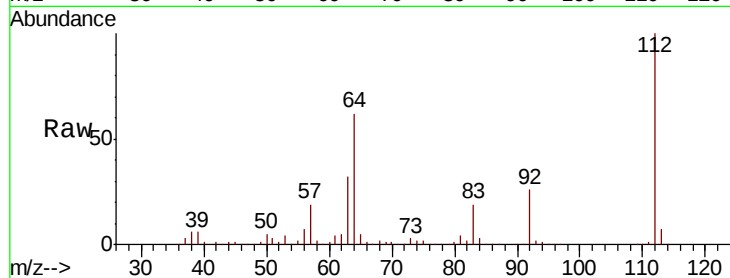
Tgt Ion: 112 Resp: 1267620

Ion Ratio Lower Upper

112 100

64 61.8 49.2 73.8

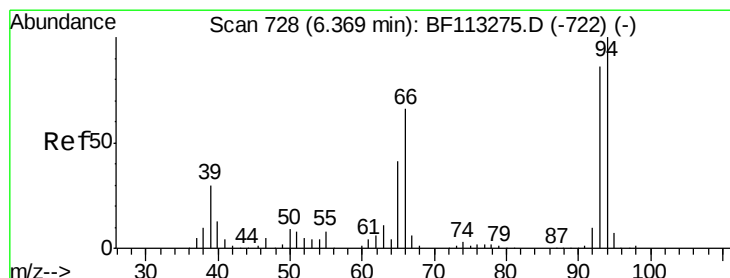
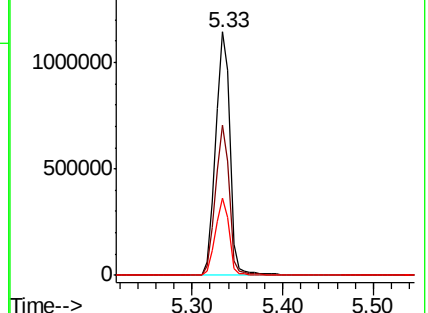
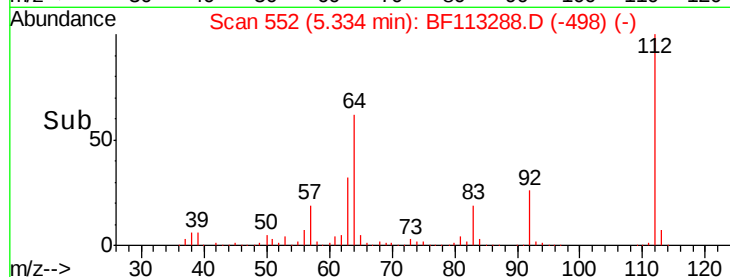
63 31.5 24.9 37.3



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: 25.181 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF113288.D

Acq: 26 Mar 2019 13:23

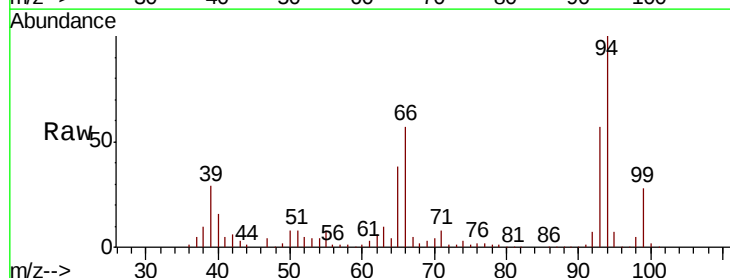
Tgt Ion: 93 Resp: 471190

Ion Ratio Lower Upper

93 100

66 100.7 62.1 93.1#

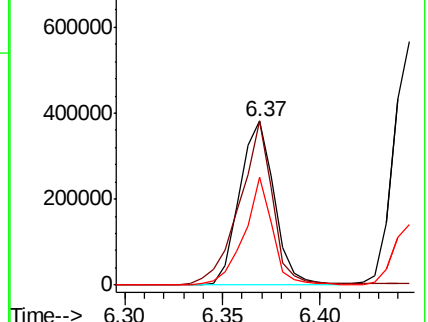
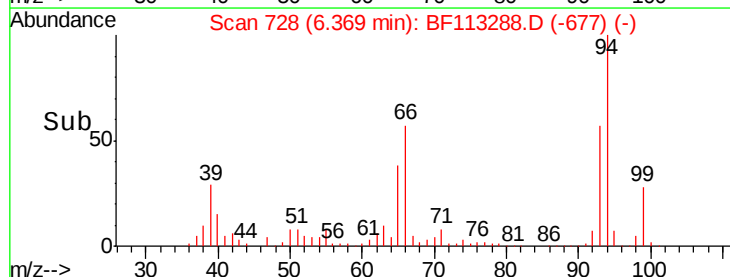
65 65.8 38.7 58.1#



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: 108.157 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

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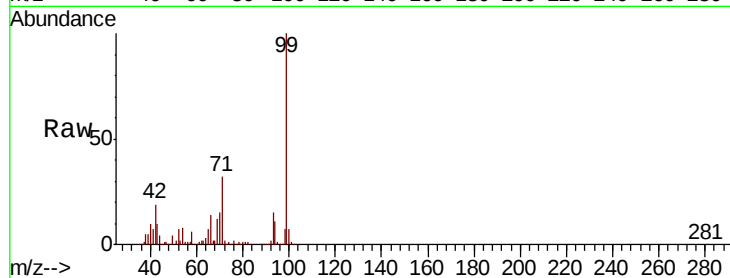
Tgt Ion: 99 Resp: 1661893

Ion Ratio Lower Upper

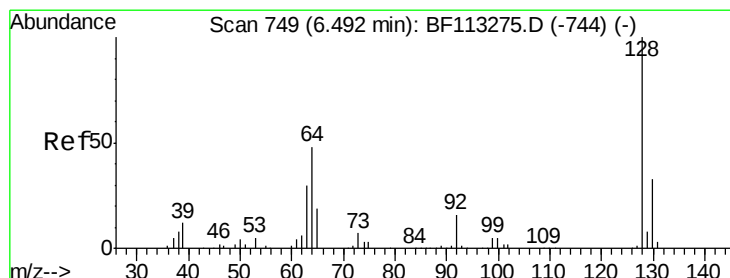
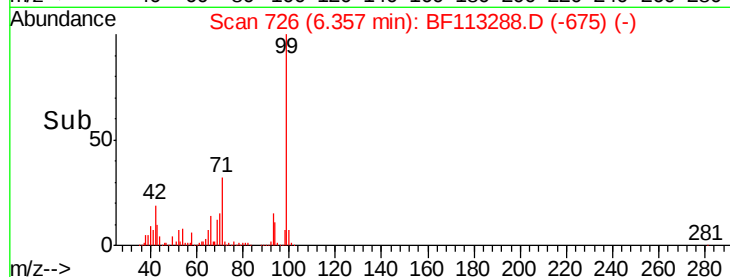
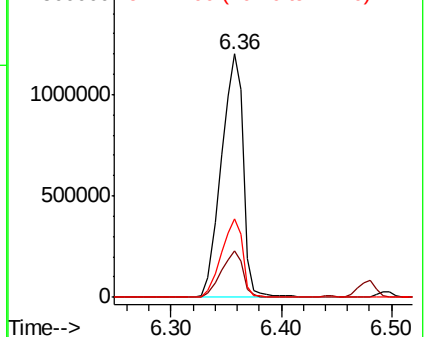
99 100

42 18.9 14.8 22.2

71 32.4 24.9 37.3



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



#8

2-Chlorophenol

Concen: 35.887 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF113288.D

Acq: 26 Mar 2019 13:23

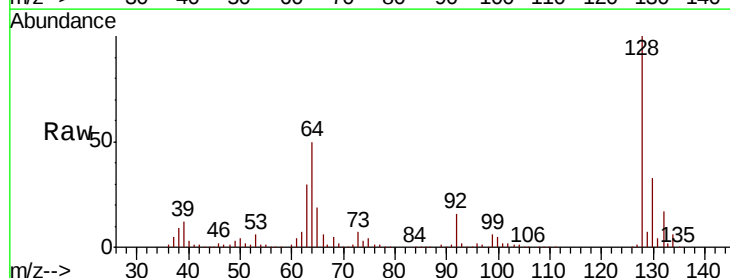
Tgt Ion: 128 Resp: 506189

Ion Ratio Lower Upper

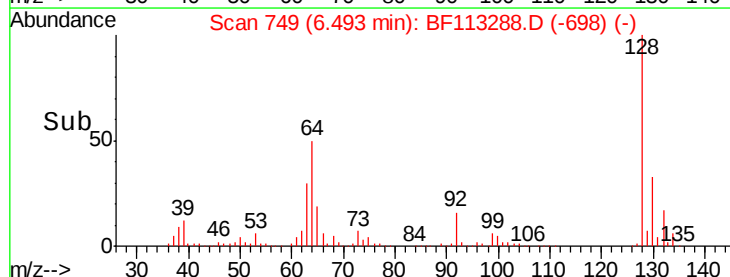
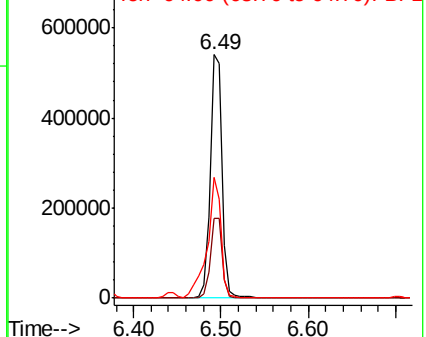
128 100

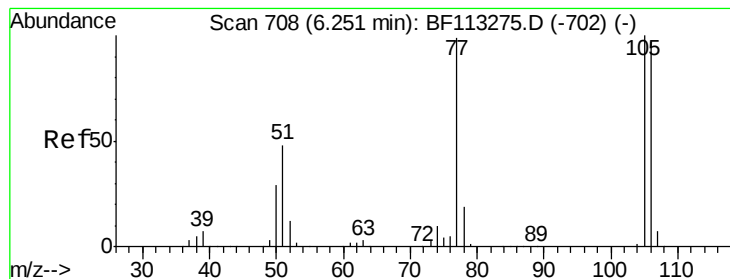
130 32.8 12.6 52.6

64 49.6 29.4 69.4



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





#9

Benzaldehyde

Concen: 16.624 ng

RT: 6.25 min Scan# 707

Delta R.T. -0.01 min

Lab File: BF113288.D

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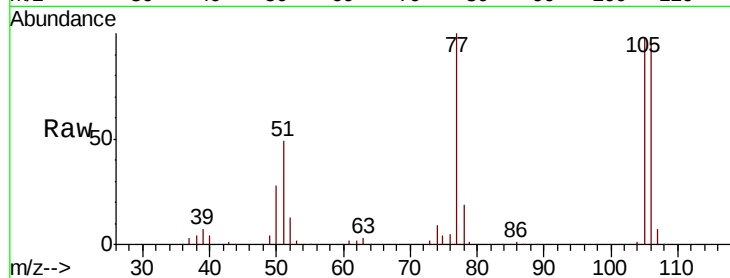
Tgt Ion: 77 Resp: 171413

Ion Ratio Lower Upper

77 100

105 98.2 80.9 120.9

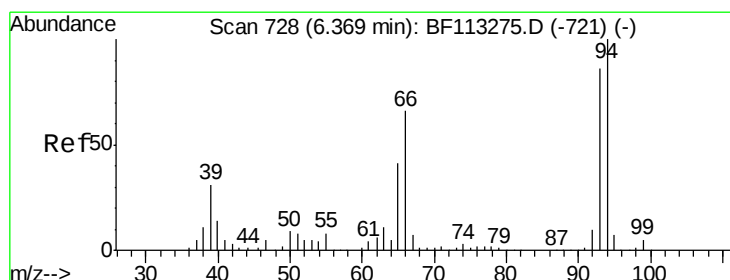
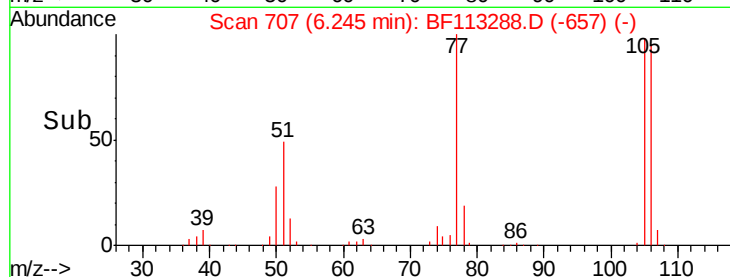
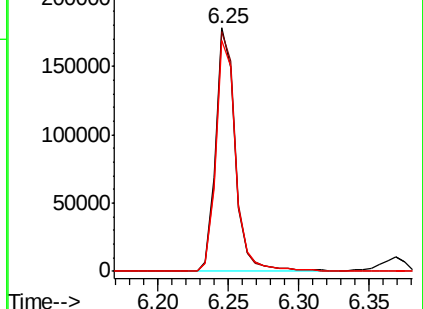
106 94.9 77.8 117.8



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: 34.216 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF113288.D

Acq: 26 Mar 2019 13:23

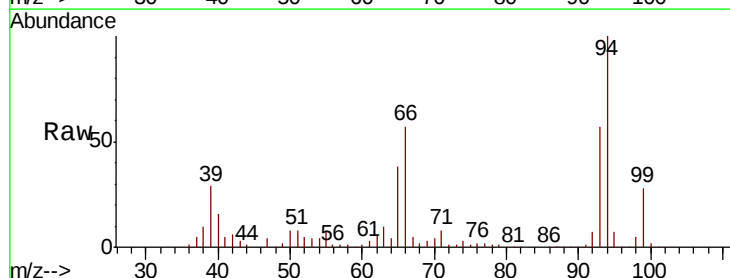
Tgt Ion: 94 Resp: 600212

Ion Ratio Lower Upper

94 100

65 37.5 21.4 61.4

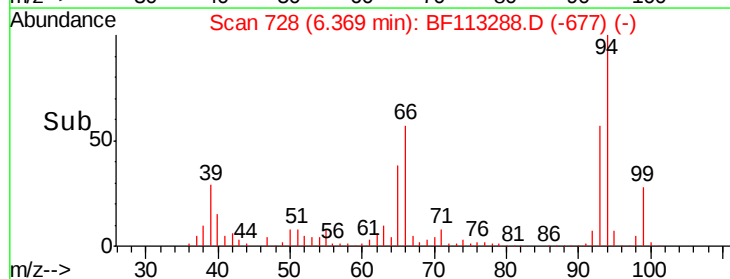
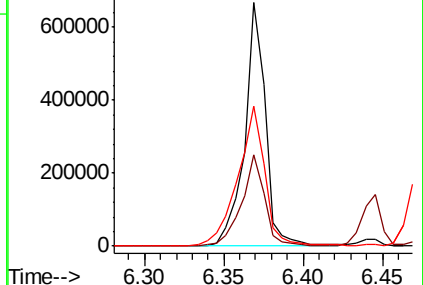
66 57.4 46.4 86.4



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

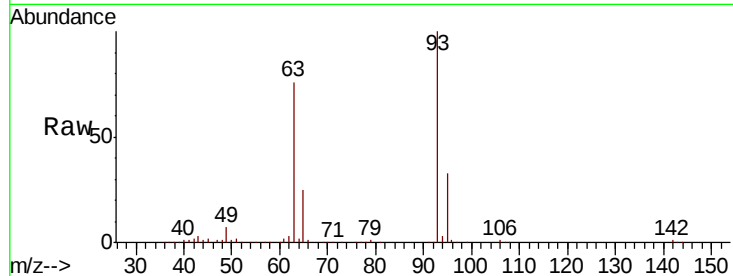




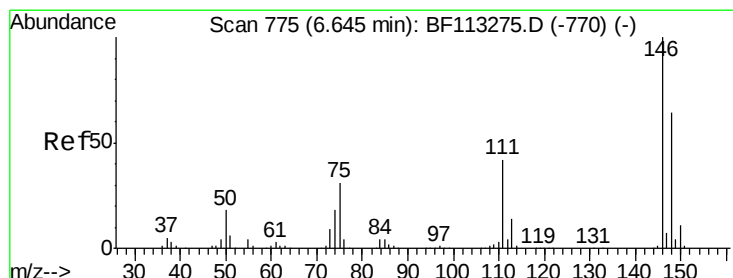
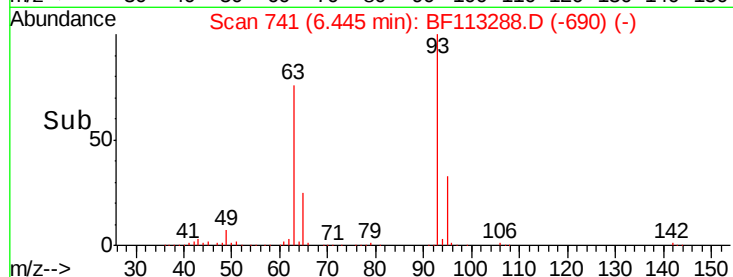
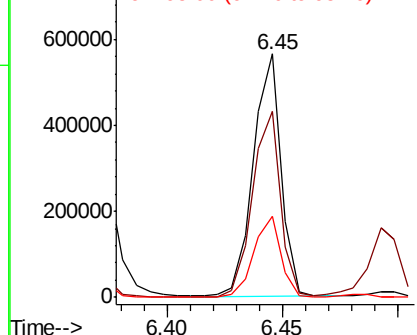
#11
bis(2-Chloroethyl)ether
Concen: 35.469 ng
RT: 6.45 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF113288.D
Acq: 26 Mar 2019 13:23

Instrument :
BNA_F
ClientSampleId :
PB118273BS

Tgt Ion: 93 Resp: 476939
Ion Ratio Lower Upper
93 100
63 76.3 56.1 96.1
95 33.5 12.8 52.8

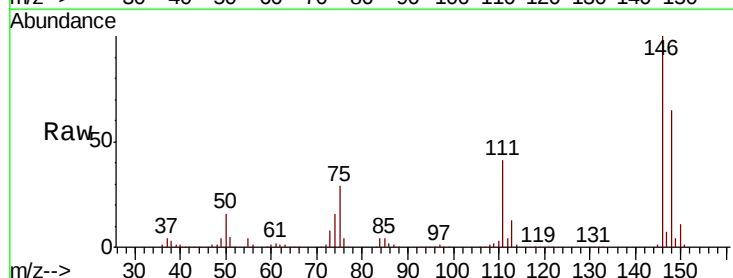


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

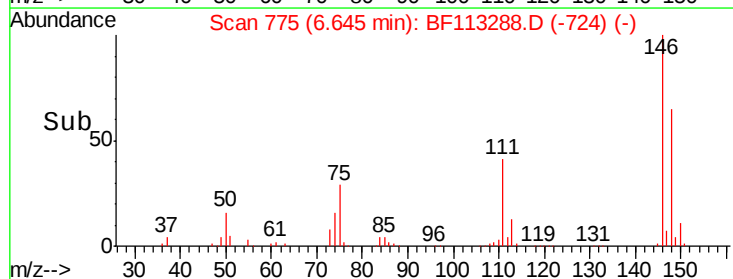
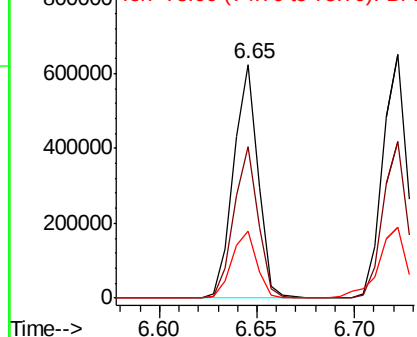


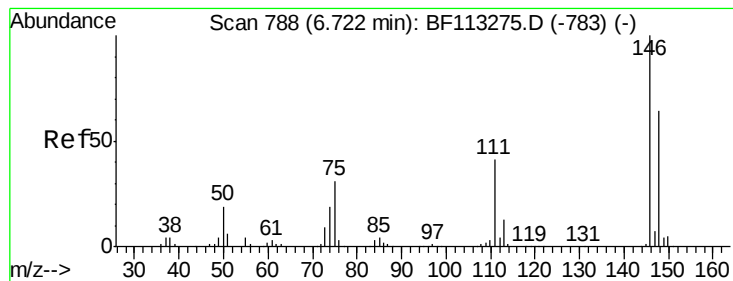
#12
1,3-Dichlorobenzene
Concen: 35.825 ng
RT: 6.65 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF113288.D
Acq: 26 Mar 2019 13:23

Tgt Ion: 146 Resp: 544684
Ion Ratio Lower Upper
146 100
148 64.7 51.4 77.0
75 28.7 24.8 37.2



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: 38.629 ng

RT: 6.72 min Scan# 788

Delta R.T. 0.00 min

Lab File: BF113288.D

Acq: 26 Mar 2019 13:23

Instrument :

BNA_F

ClientSampleId :

PB118273BS

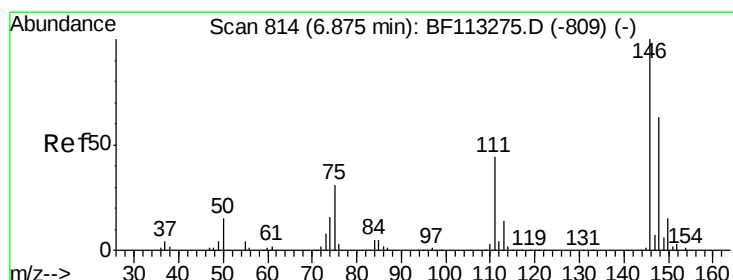
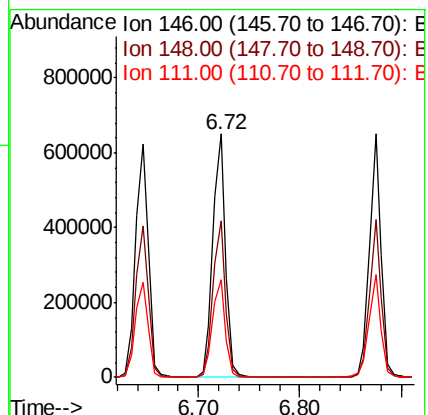
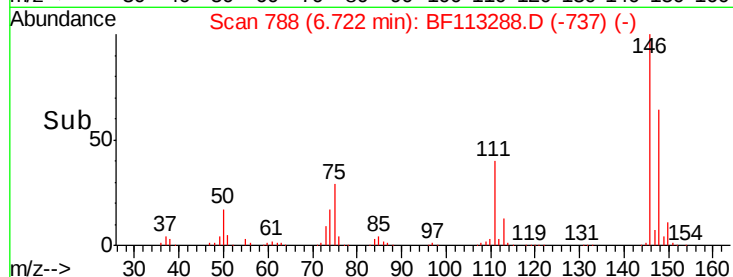
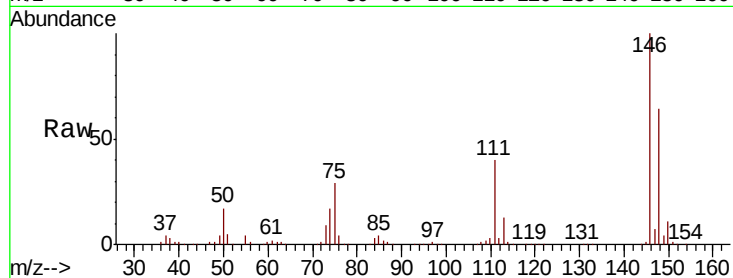
Tgt Ion:146 Resp: 567069

Ion Ratio Lower Upper

146 100

148 64.1 51.1 76.7

111 40.0 32.8 49.2



#14

1,2-Dichlorobenzene

Concen: 36.015 ng

RT: 6.87 min Scan# 814

Delta R.T. 0.00 min

Lab File: BF113288.D

Acq: 26 Mar 2019 13:23

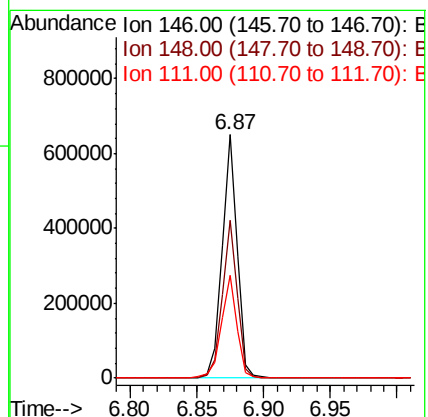
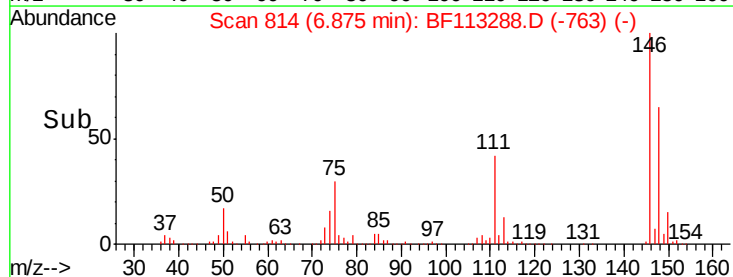
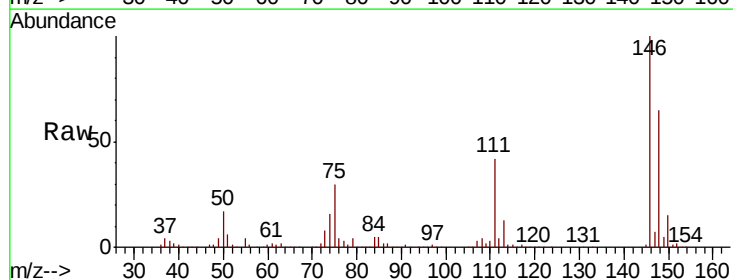
Tgt Ion:146 Resp: 520145

Ion Ratio Lower Upper

146 100

148 64.6 50.2 75.4

111 42.3 35.4 53.2





#15

Benzyl Alcohol

Concen: 38.842 ng

RT: 6.85 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF113288.D

Acq: 26 Mar 2019 13:23

Instrument :

BNA_F

ClientSampleId :

PB118273BS

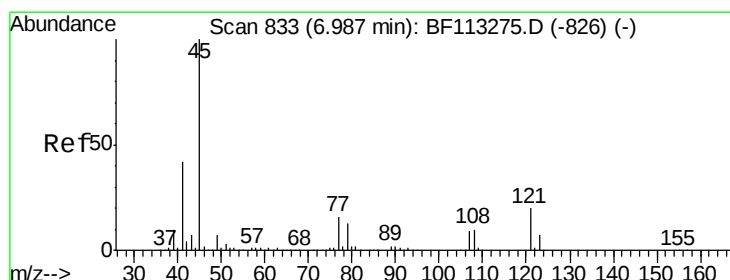
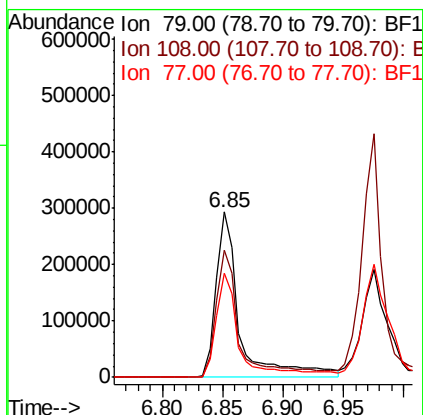
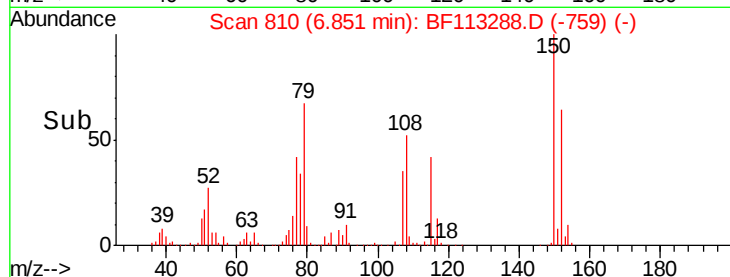
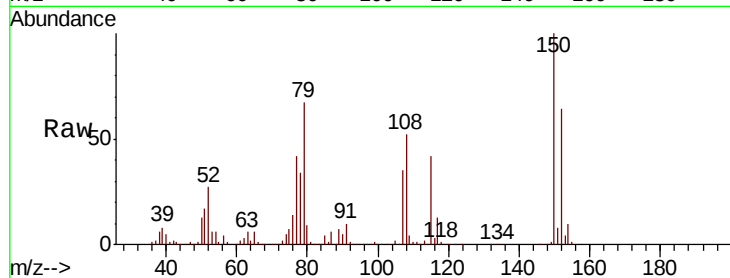
Tgt Ion: 79 Resp: 393741

Ion Ratio Lower Upper

79 100

108 77.1 62.0 93.0

77 62.8 49.9 74.9



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.232 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF113288.D

Acq: 26 Mar 2019 13:23

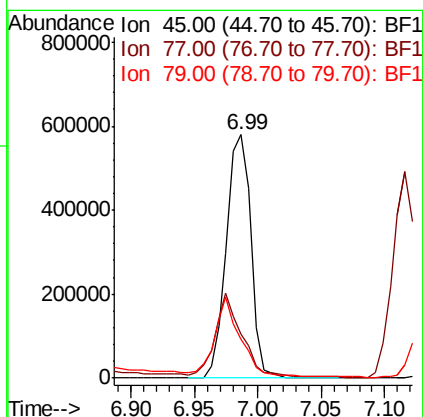
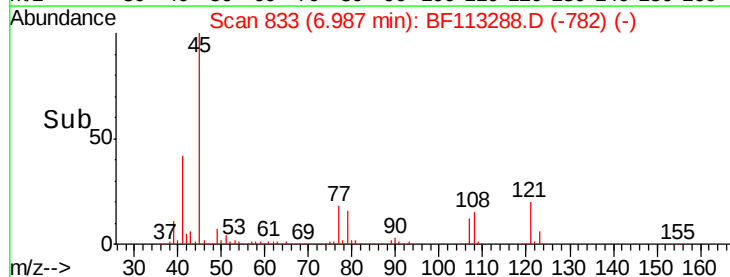
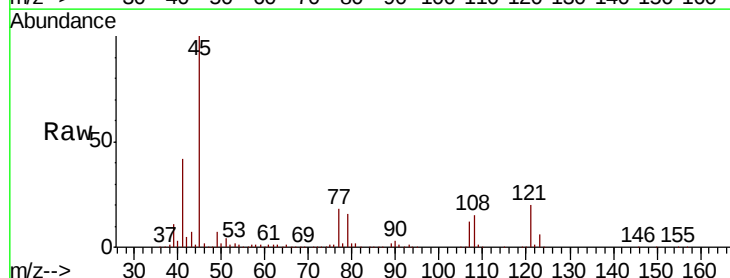
Tgt Ion: 45 Resp: 772292

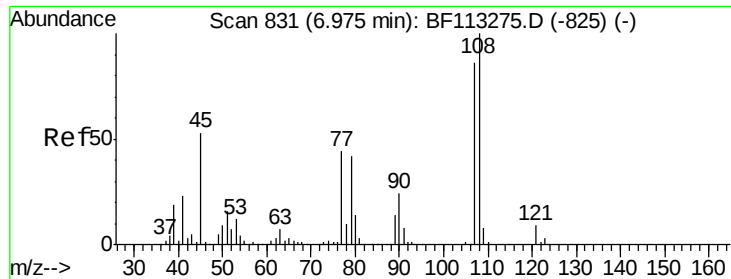
Ion Ratio Lower Upper

45 100

77 18.1 0.0 36.6

79 15.7 0.0 34.0

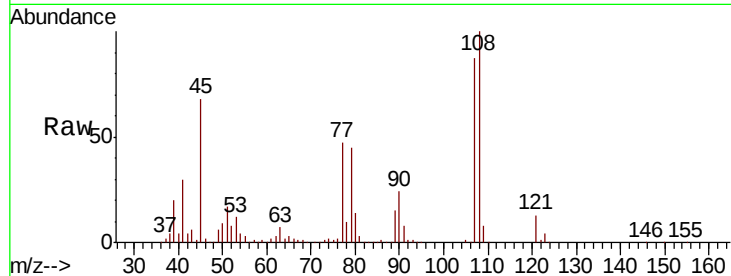




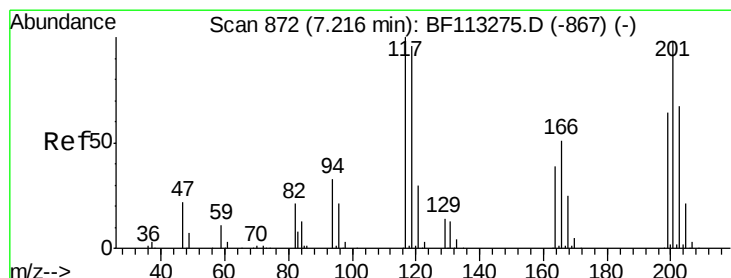
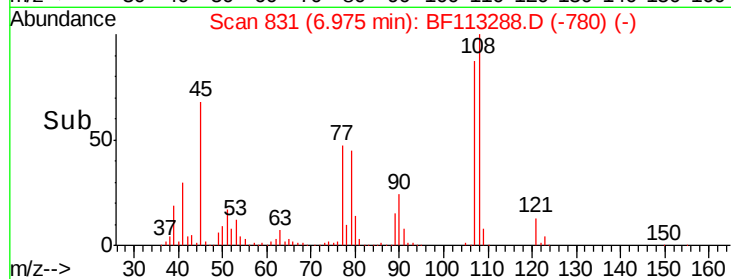
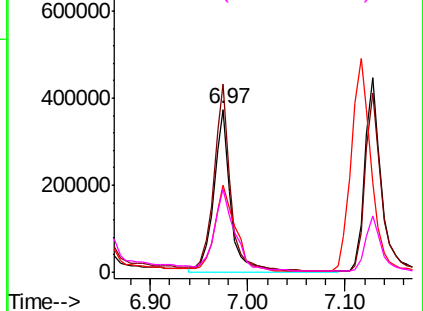
#17
2-Methylphenol
Concen: 40.377 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF113288.D
Acq: 26 Mar 2019 13:23

Instrument :
BNA_F
ClientSampleId :
PB118273BS

Tgt Ion:107 Resp: 446325
Ion Ratio Lower Upper
107 100
108 115.3 93.4 140.0
77 53.6 41.2 61.8
79 51.3 40.1 60.1

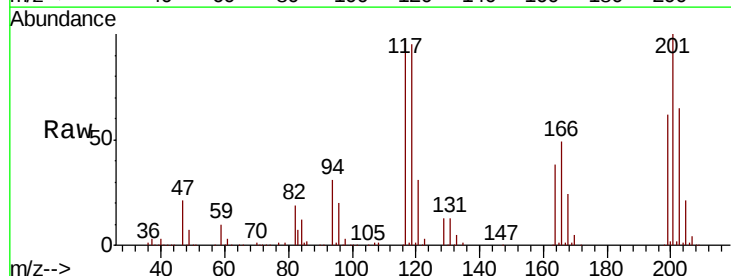


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

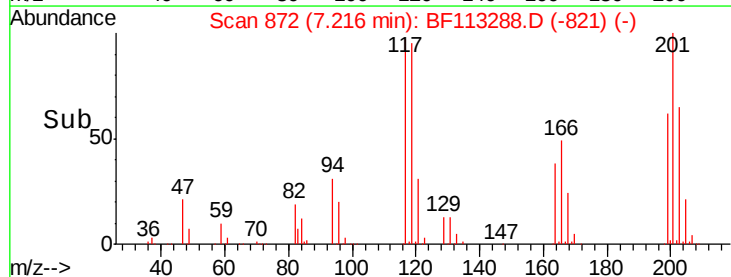
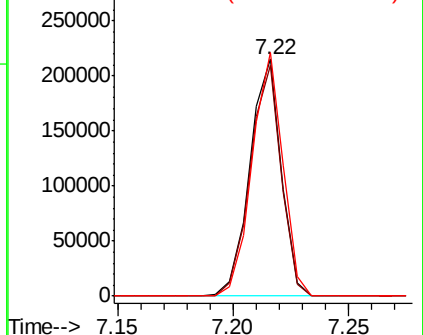


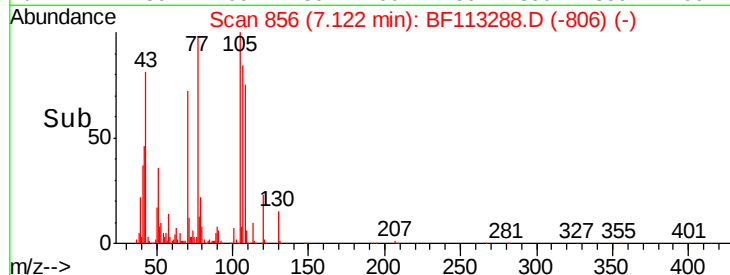
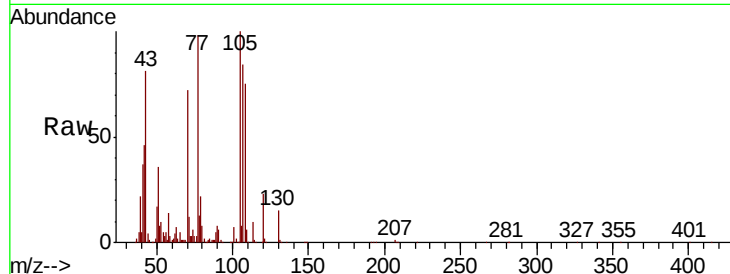
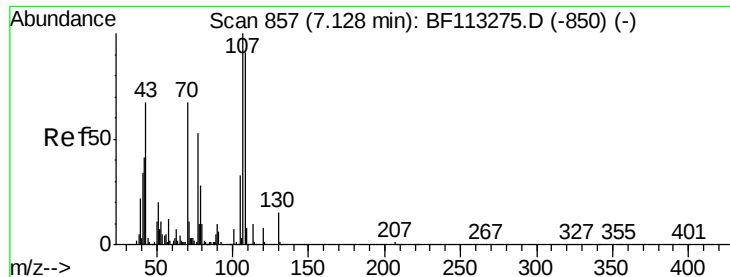
#18
Hexachloroethane
Concen: 38.650 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF113288.D
Acq: 26 Mar 2019 13:23

Tgt Ion:117 Resp: 203791
Ion Ratio Lower Upper
117 100
119 97.1 76.9 115.3
201 102.7 78.7 118.1



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

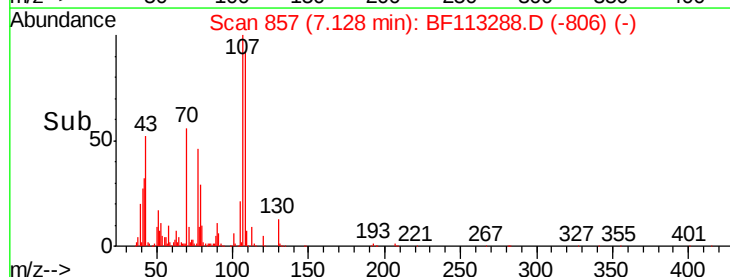
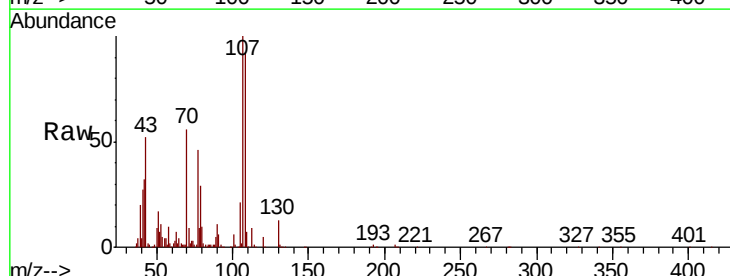
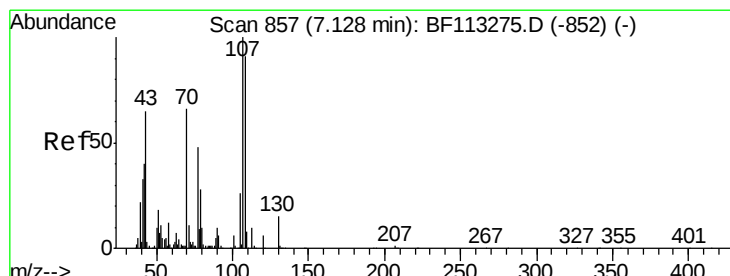
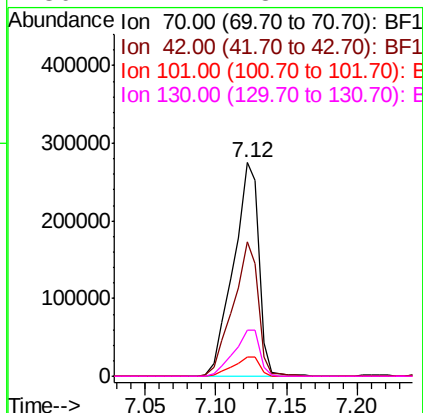




#19
n-Nitroso-di-n-propylamine
Concen: 35.754 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF113288.D
Acq: 26 Mar 2019 13:23

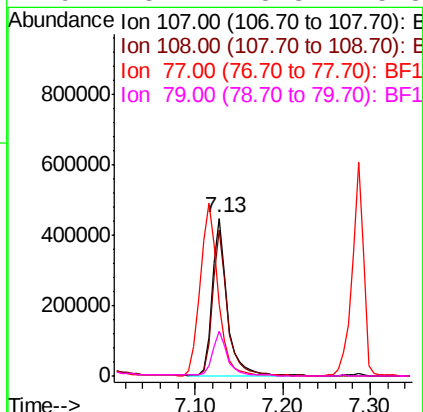
Instrument :
BNA_F
ClientSampleId :
PB118273BS

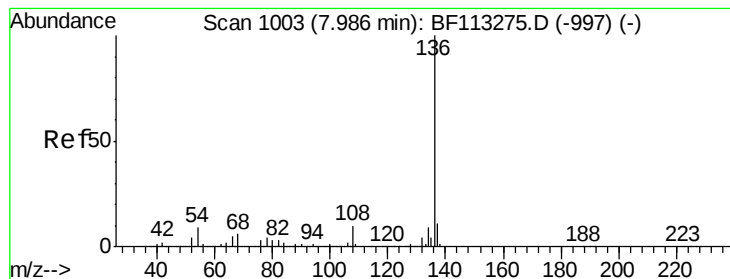
Tgt Ion:	70	Resp:	345091
Ion	Ratio	Lower	Upper
70	100		
42	63.0	48.4	72.6
101	9.1	7.8	11.8
130	21.4	18.2	27.4



#20
3+4-Methylphenols
Concen: 40.458 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF113288.D
Acq: 26 Mar 2019 13:23

Tgt Ion:	107	Resp:	523275
Ion	Ratio	Lower	Upper
107	100		
108	92.2	71.4	111.4
77	45.7	33.5	73.5
79	28.7	8.3	48.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1003

Delta R.T. 0.00 min

Lab File: BF113288.D

Acq: 26 Mar 2019 13:23

Instrument :

BNA_F

ClientSampleId :

PB118273BS

Tgt Ion:136 Resp: 763793

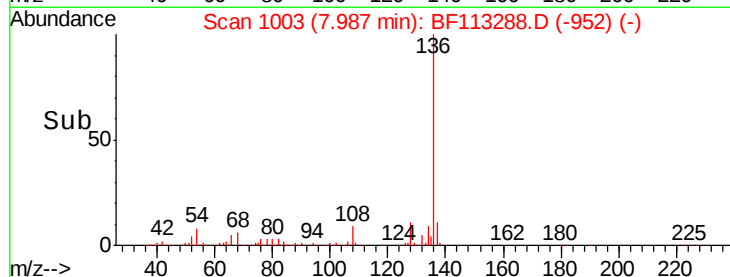
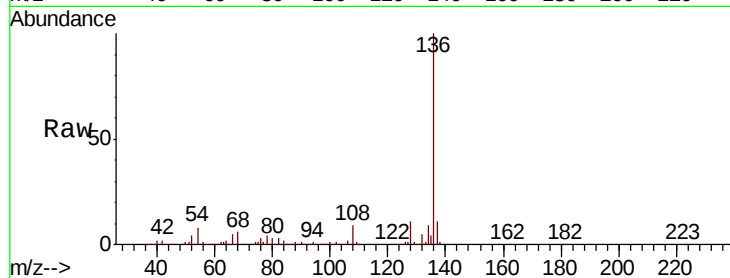
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 8.0 7.0 10.6

68 6.0 4.8 7.2

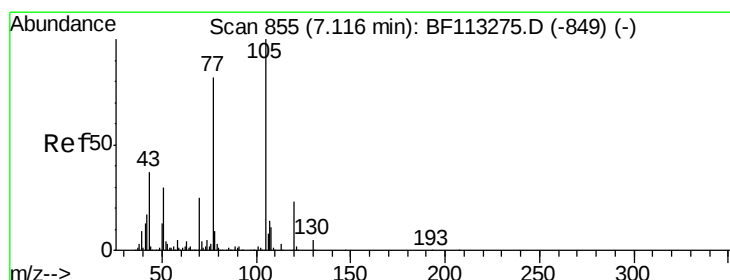
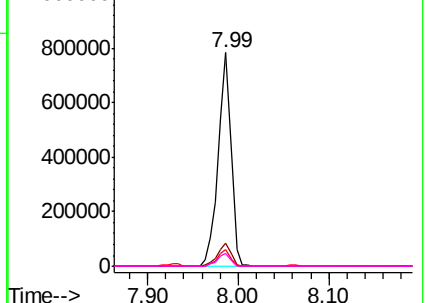


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.647 ng

RT: 7.12 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF113288.D

Acq: 26 Mar 2019 13:23

Tgt Ion:105 Resp: 708014

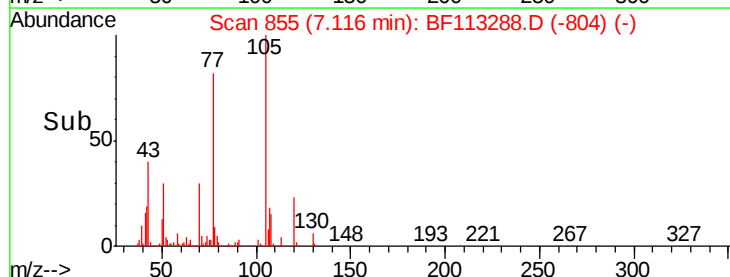
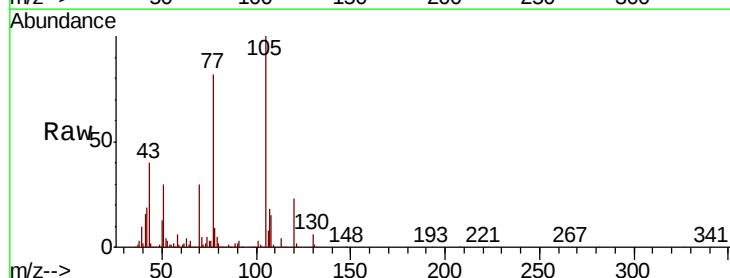
Ion Ratio Lower Upper

105 100

71 5.0 3.3 4.9#

51 29.9 24.2 36.2

120 23.1 18.1 27.1

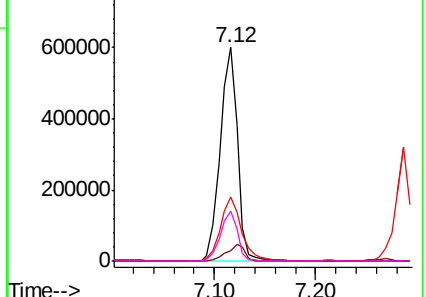


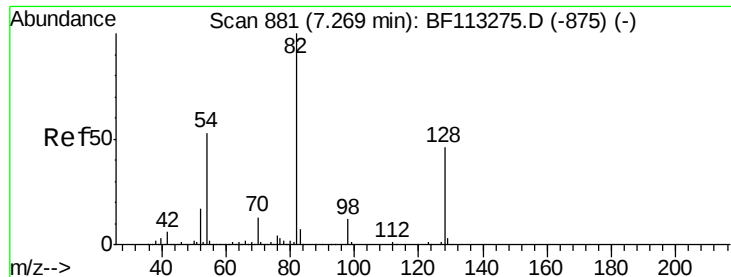
Abundance Ion 105.00 (104.70 to 105.70): E

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

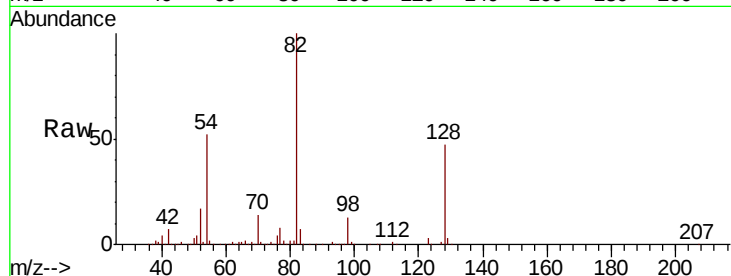




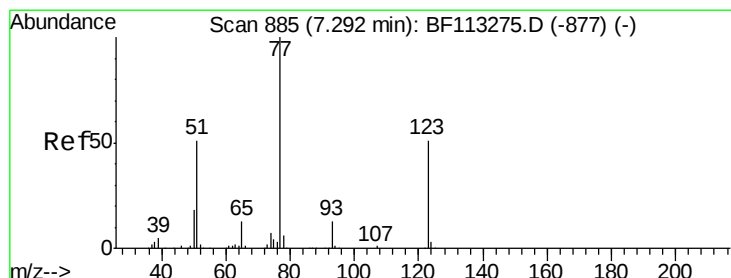
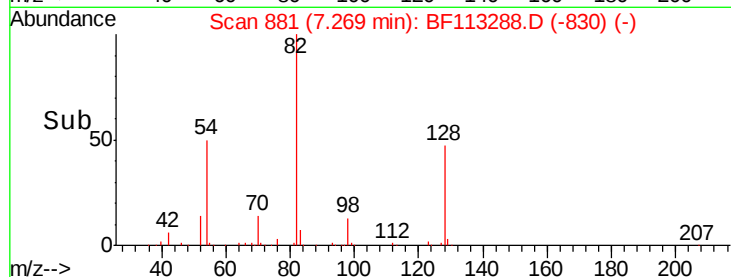
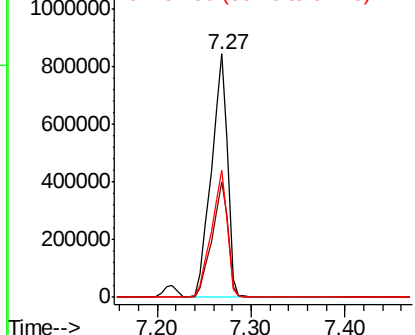
#23
 Nitrobenzene-d5
 Concen: 79.724 ng
 RT: 7.27 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BF113288.D
 Acq: 26 Mar 2019 13:23

Instrument :
 BNA_F
 ClientSampleId :
 PB118273BS

Tgt Ion: 82 Resp: 1025918
 Ion Ratio Lower Upper
 82 100
 128 47.3 36.5 54.7
 54 52.2 42.2 63.2

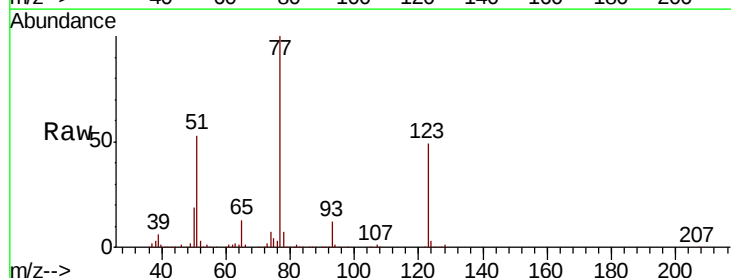


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

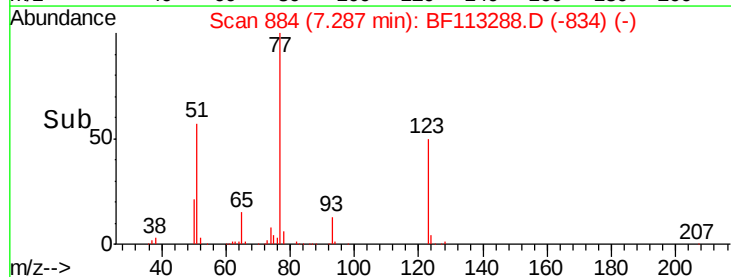
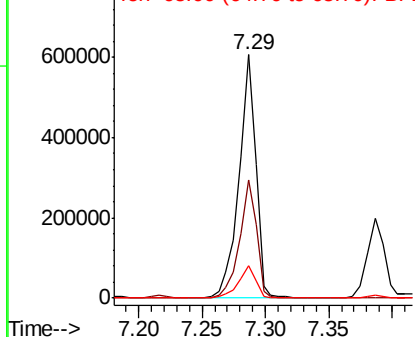


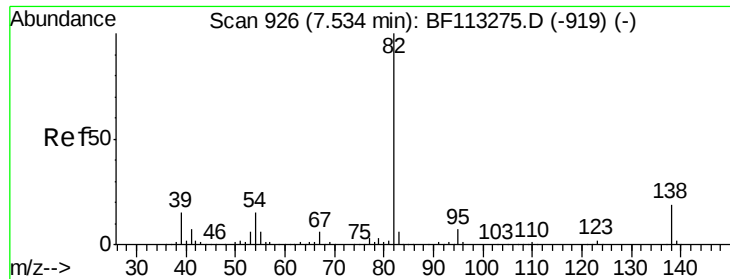
#24
 Nitrobenzene
 Concen: 41.159 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF113288.D
 Acq: 26 Mar 2019 13:23

Tgt Ion: 77 Resp: 552702
 Ion Ratio Lower Upper
 77 100
 123 48.6 40.8 61.2
 65 13.5 10.6 16.0



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

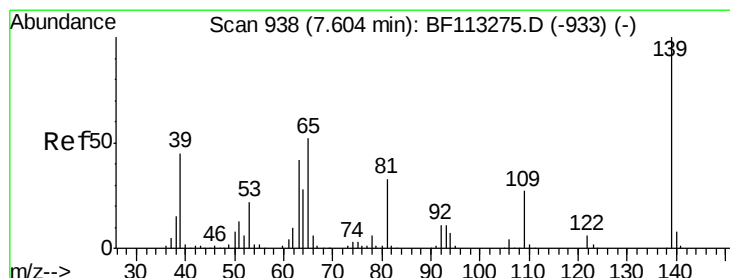
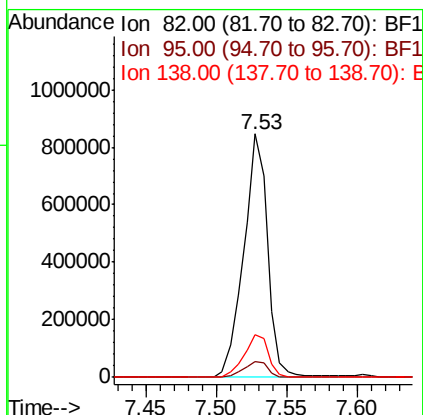
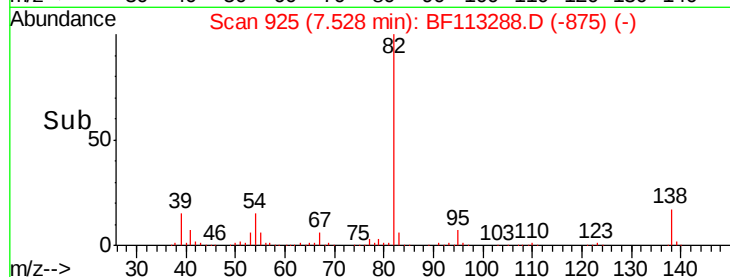
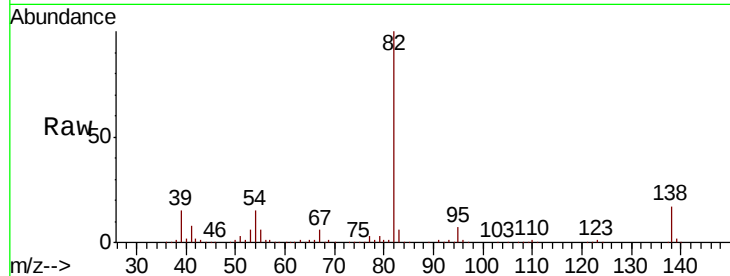




#25
Isophorone
Concen: 40.107 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF113288.D
Acq: 26 Mar 2019 13:23

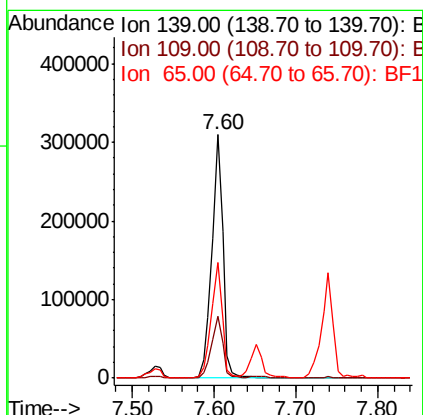
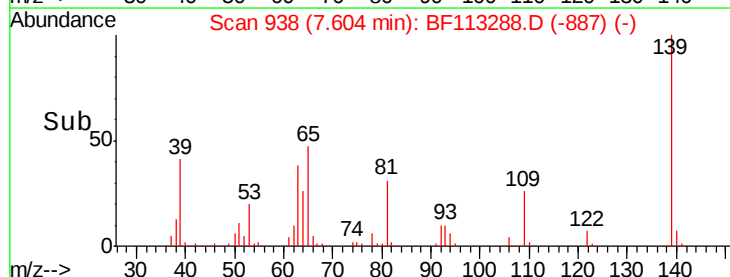
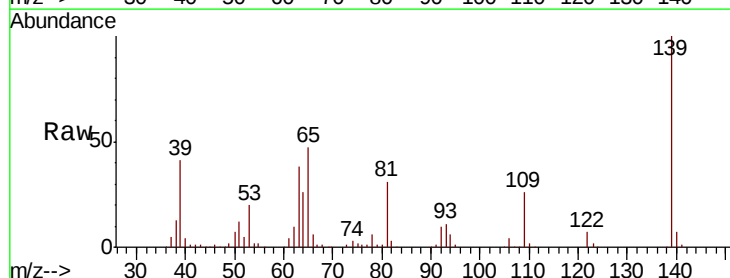
Instrument :
BNA_F
ClientSampleId :
PB118273BS

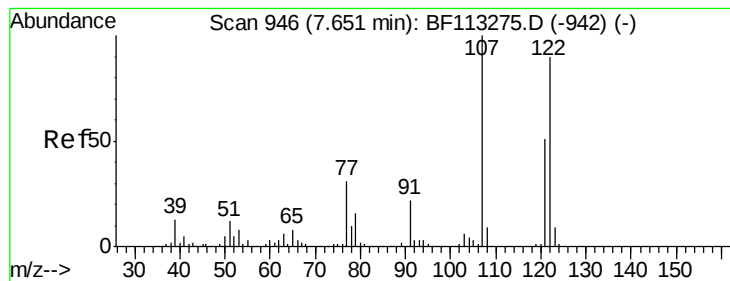
Tgt Ion: 82 Resp: 1000201
Ion Ratio Lower Upper
82 100
95 6.7 5.5 8.3
138 17.5 15.2 22.8



#26
2-Nitrophenol
Concen: 41.388 ng
RT: 7.60 min Scan# 938
Delta R.T. 0.00 min
Lab File: BF113288.D
Acq: 26 Mar 2019 13:23

Tgt Ion: 139 Resp: 293773
Ion Ratio Lower Upper
139 100
109 25.7 21.7 32.5
65 47.2 41.6 62.4





#27

2,4-Dimethylphenol

Concen: 46.356 ng

RT: 7.65 min Scan# 946

Delta R.T. 0.00 min

Lab File: BF113288.D

Acq: 26 Mar 2019 13:23

Instrument :

BNA_F

ClientSampleId :

PB118273BS

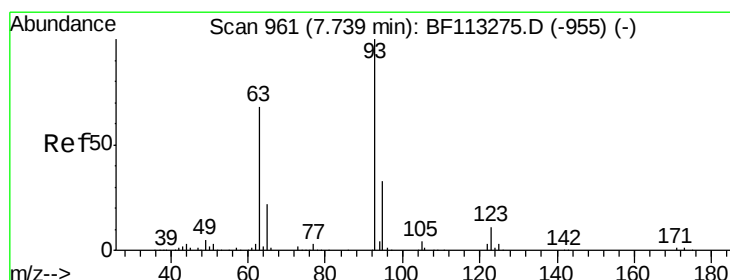
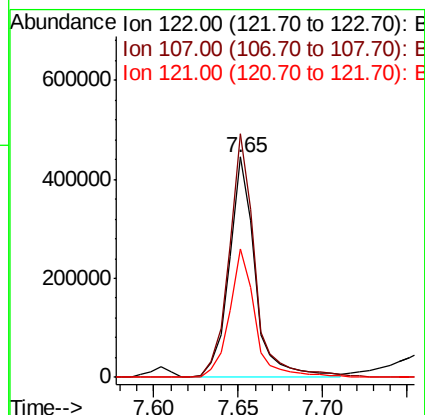
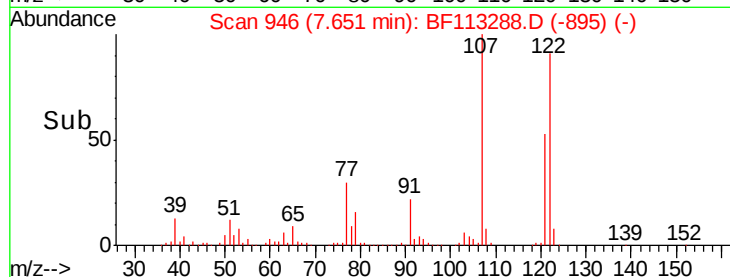
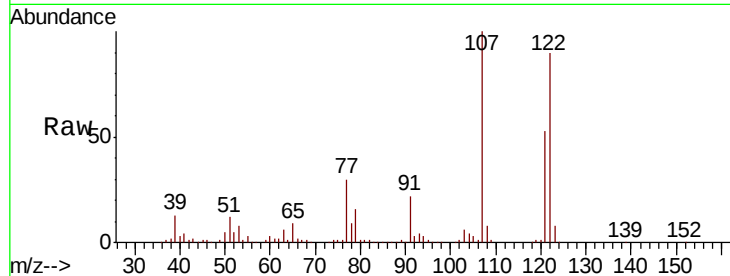
Tgt Ion:122 Resp: 473311

Ion Ratio Lower Upper

122 100

107 110.6 88.8 133.2

121 58.1 45.5 68.3



#28

bis(2-Chloroethoxy)methane

Concen: 39.507 ng

RT: 7.74 min Scan# 961

Delta R.T. 0.00 min

Lab File: BF113288.D

Acq: 26 Mar 2019 13:23

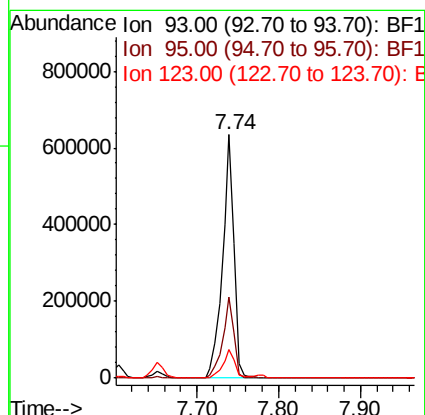
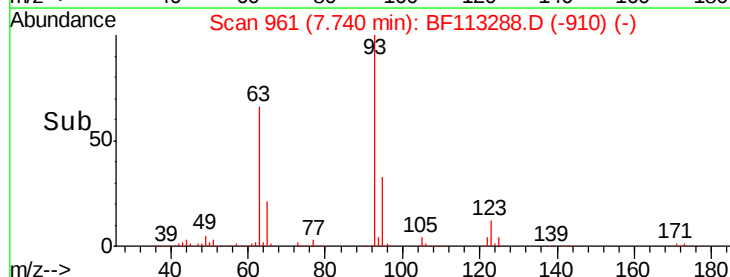
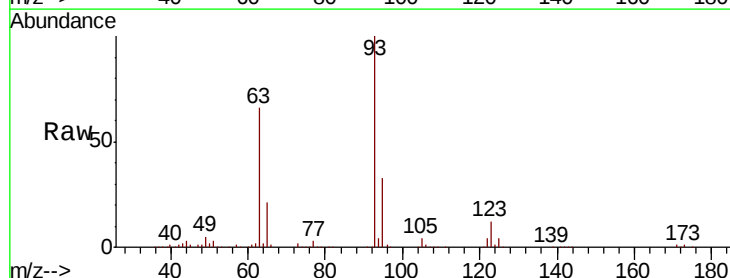
Tgt Ion: 93 Resp: 620446

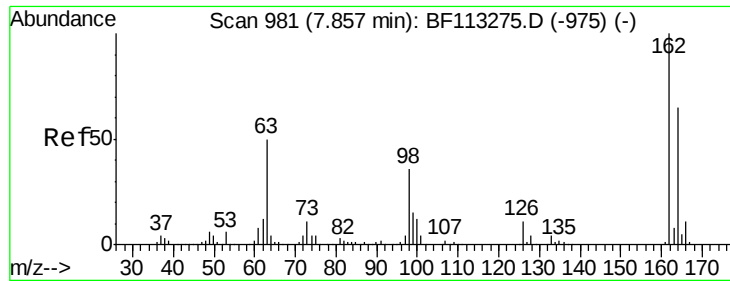
Ion Ratio Lower Upper

93 100

95 33.3 26.0 39.0

123 11.6 9.1 13.7

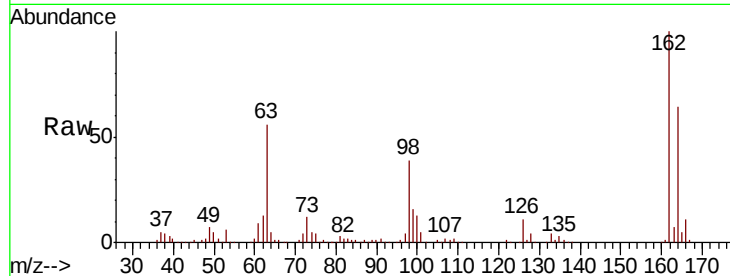




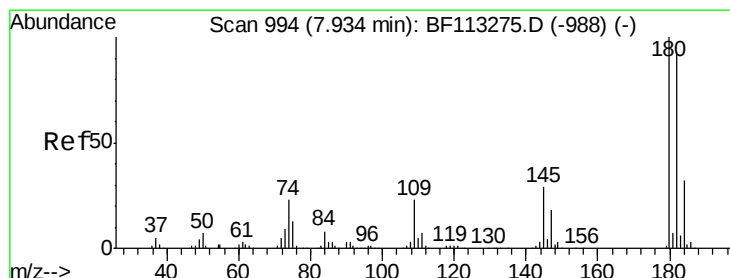
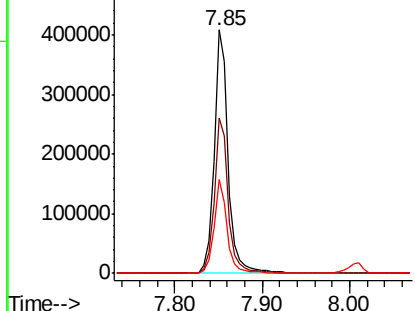
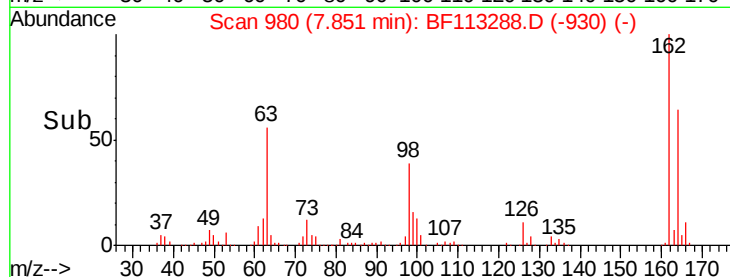
#29
2,4-Dichlorophenol
Concen: 40.786 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF113288.D
Acq: 26 Mar 2019 13:23

Instrument :
BNA_F
ClientSampleId :
PB118273BS

Tgt Ion:162 Resp: 451280
Ion Ratio Lower Upper
162 100
164 64.0 44.6 84.6
98 38.6 15.6 55.6

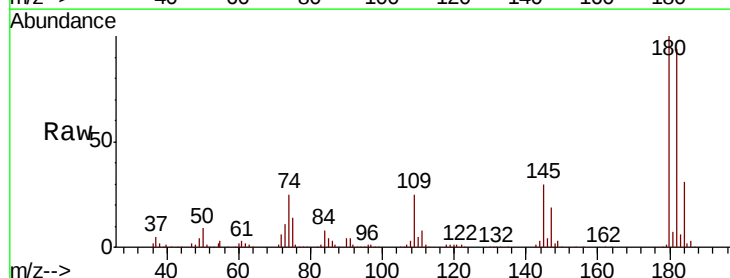


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

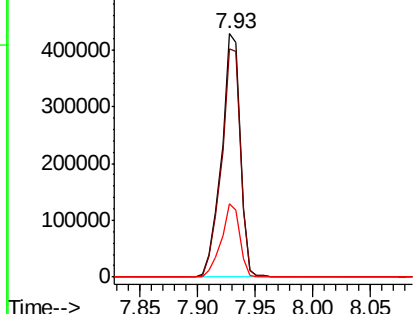
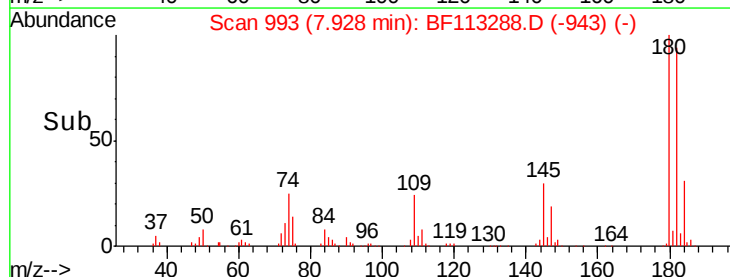


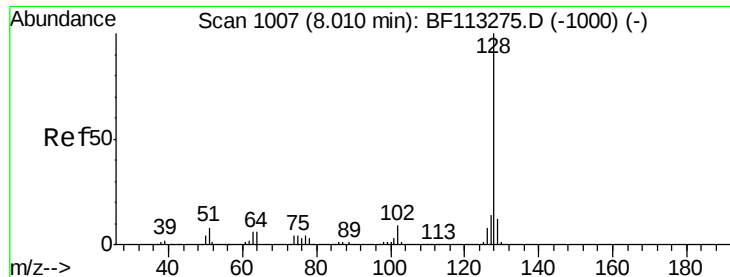
#30
1,2,4-Trichlorobenzene
Concen: 40.767 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF113288.D
Acq: 26 Mar 2019 13:23

Tgt Ion:180 Resp: 486668
Ion Ratio Lower Upper
180 100
182 93.6 74.6 111.8
145 30.2 23.4 35.0



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

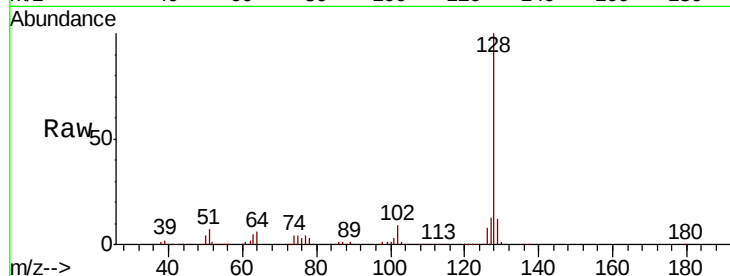




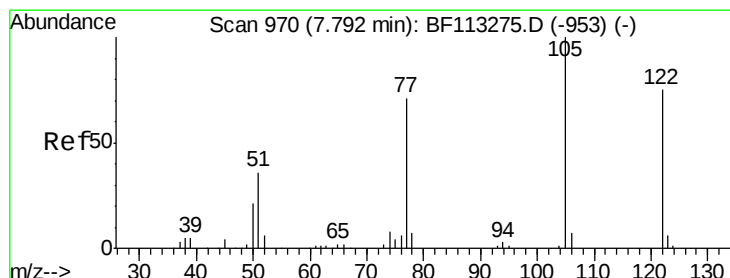
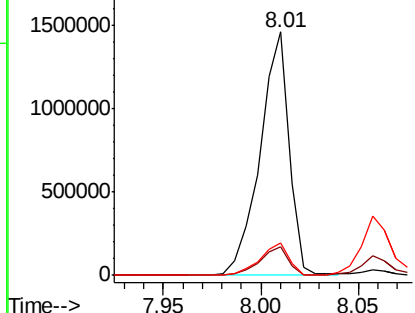
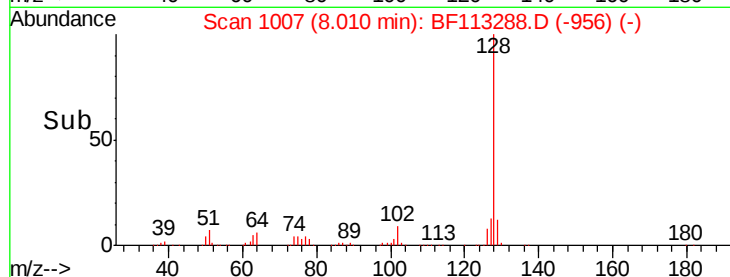
#31
Naphthalene
Concen: 40.306 ng
RT: 8.01 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BF113288.D
Acq: 26 Mar 2019 13:23

Instrument :
BNA_F
ClientSampleId :
PB118273BS

Tgt Ion:128 Resp: 1504416
Ion Ratio Lower Upper
128 100
129 11.5 9.3 13.9
127 13.4 10.9 16.3

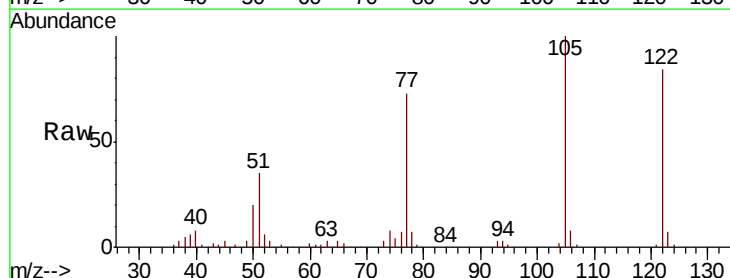


Abundance Ion 128.00 (127.70 to 128.70): E
2000000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

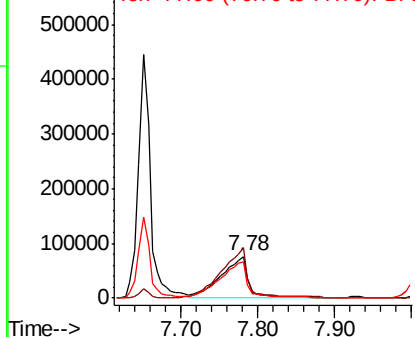
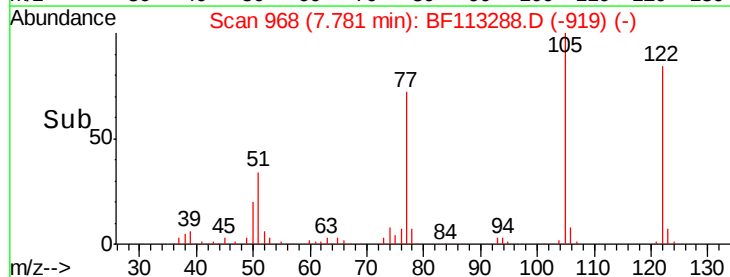


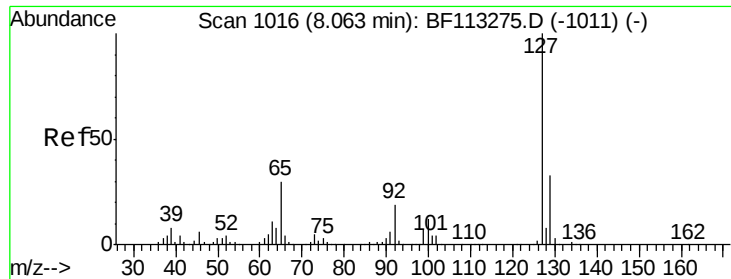
#32
Benzoic acid
Concen: 22.739 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF113288.D
Acq: 26 Mar 2019 13:23

Tgt Ion:122 Resp: 186891
Ion Ratio Lower Upper
122 100
105 119.3 100.4 140.4
77 86.8 69.0 109.0



Abundance Ion 122.00 (121.70 to 122.70): E
600000 Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

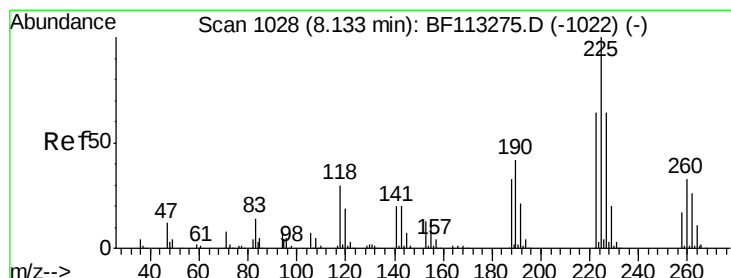
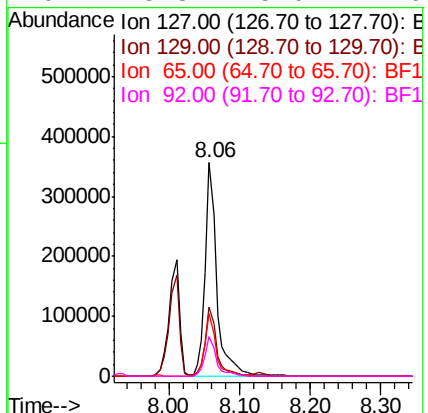
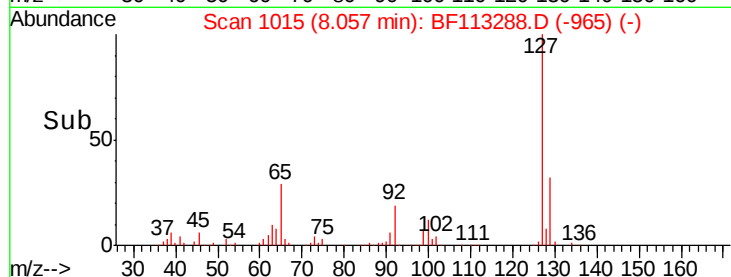
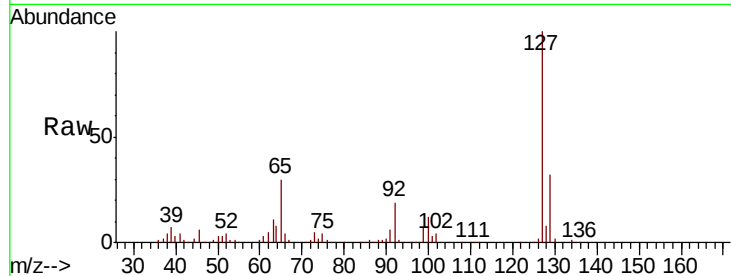




#33
4-Chloroaniline
Concen: 28.460 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF113288.D
Acq: 26 Mar 2019 13:23

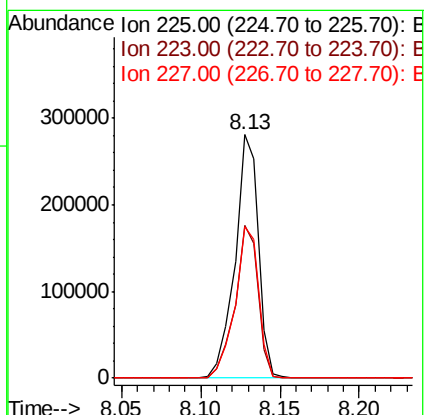
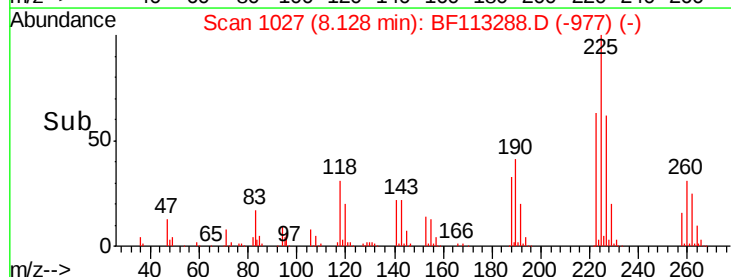
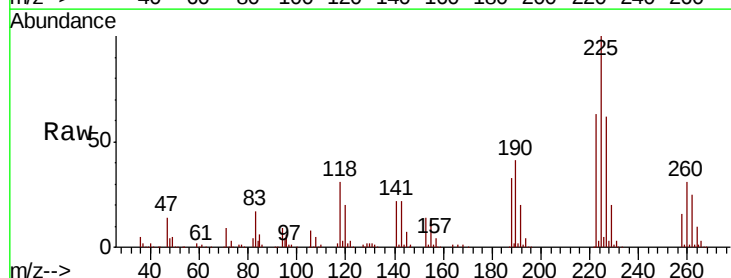
Instrument :
BNA_F
ClientSampleId :
PB118273BS

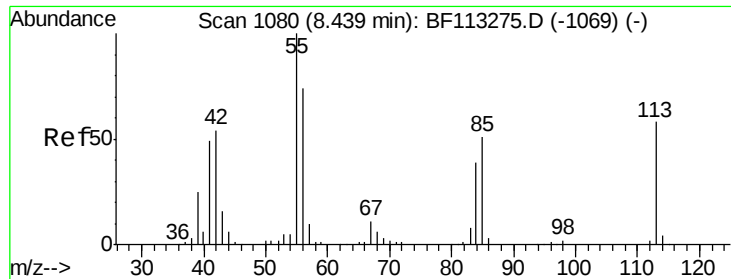
Tgt Ion:	127	Resp:	414220
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.3	39.5
65	29.5	24.2	36.4
92	18.8	15.0	22.6



#34
Hexachlorobutadiene
Concen: 40.248 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF113288.D
Acq: 26 Mar 2019 13:23

Tgt Ion:	225	Resp:	285567
Ion	Ratio	Lower	Upper
225	100		
223	62.9	51.4	77.2
227	62.3	51.1	76.7

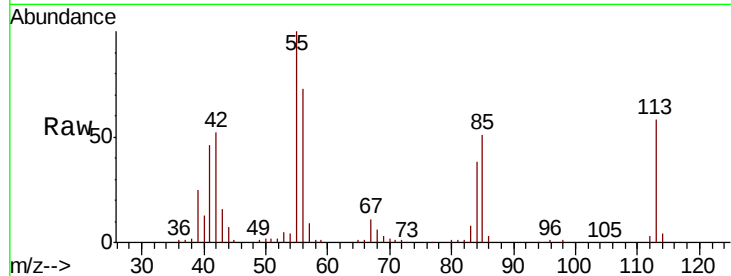




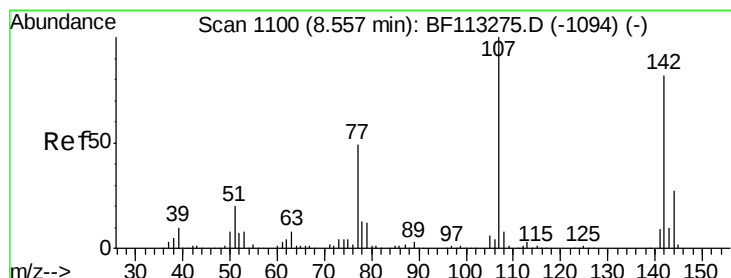
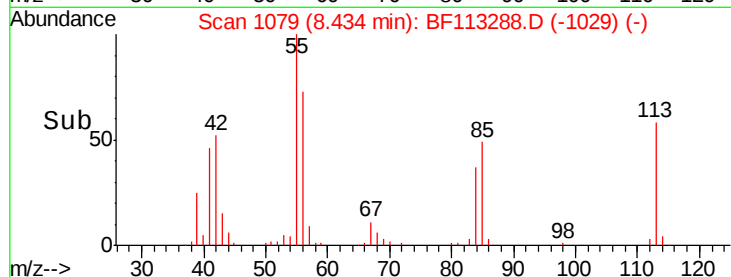
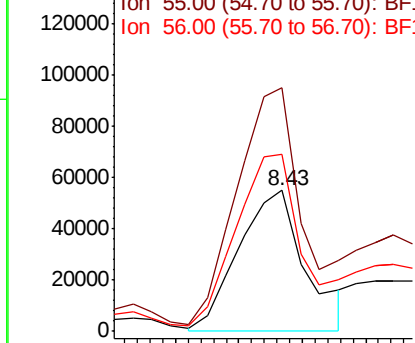
#35
 Caprolactam
 Concen: 22.475 ng
 RT: 8.43 min Scan# 1079
 Delta R.T. -0.01 min
 Lab File: BF113288.D
 Acq: 26 Mar 2019 13:23

Instrument :
 BNA_F
 ClientSampleId :
 PB118273BS

Tgt Ion:113 Resp: 79811
 Ion Ratio Lower Upper
 113 100
 55 172.8 152.7 192.7
 56 125.5 108.3 148.3

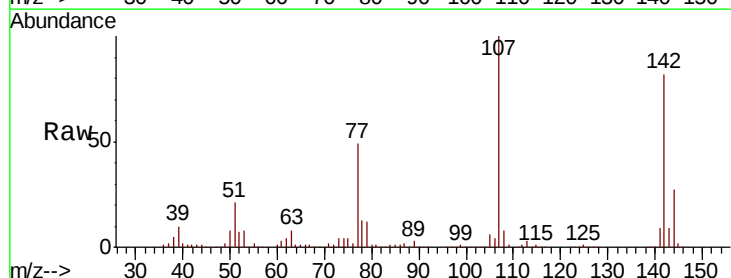


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

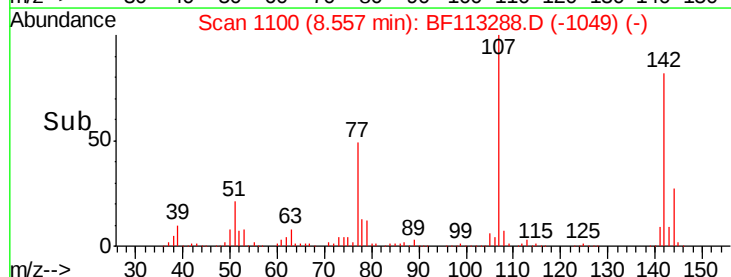
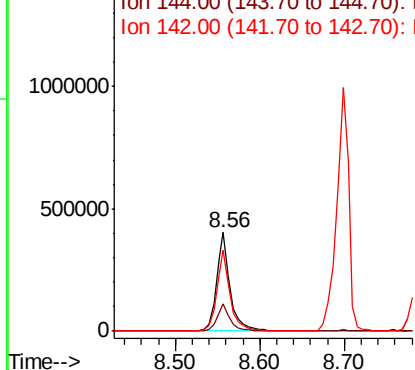


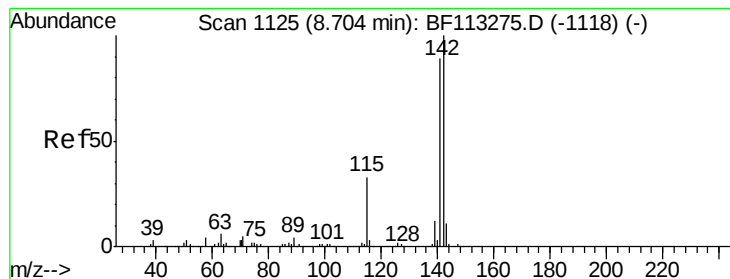
#36
 4-Chloro-3-methylphenol
 Concen: 40.907 ng
 RT: 8.56 min Scan# 1100
 Delta R.T. 0.00 min
 Lab File: BF113288.D
 Acq: 26 Mar 2019 13:23

Tgt Ion:107 Resp: 455249
 Ion Ratio Lower Upper
 107 100
 144 27.3 21.4 32.0
 142 82.1 65.6 98.4



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





#37

2-Methylnaphthalene

Concen: 42.799 ng

RT: 8.70 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BF113288.D

Acq: 26 Mar 2019 13:23

Instrument :

BNA_F

ClientSampleId :

PB118273BS

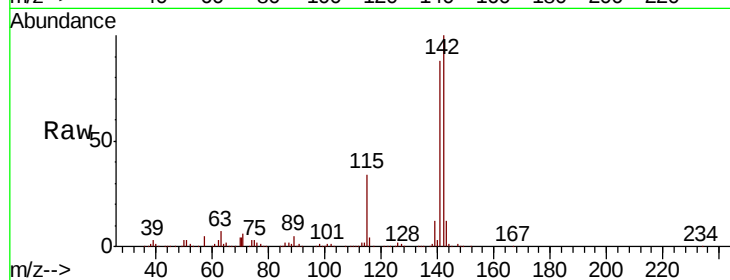
Tgt Ion:142 Resp: 996760

Ion Ratio Lower Upper

142 100

141 88.4 71.0 106.6

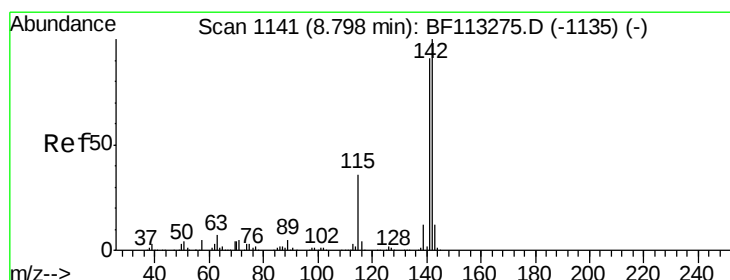
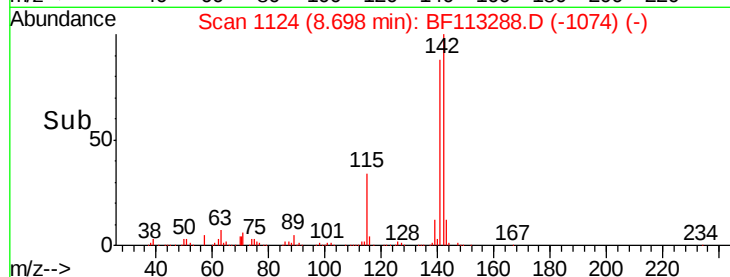
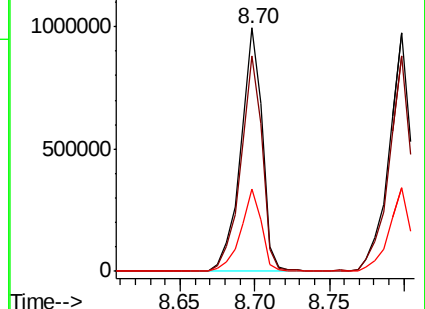
115 34.0 26.6 39.8



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: 41.969 ng

RT: 8.80 min Scan# 1141

Delta R.T. 0.00 min

Lab File: BF113288.D

Acq: 26 Mar 2019 13:23

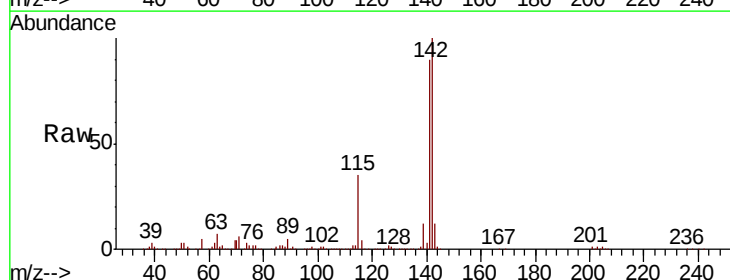
Tgt Ion:142 Resp: 940146

Ion Ratio Lower Upper

142 100

141 90.5 73.2 109.8

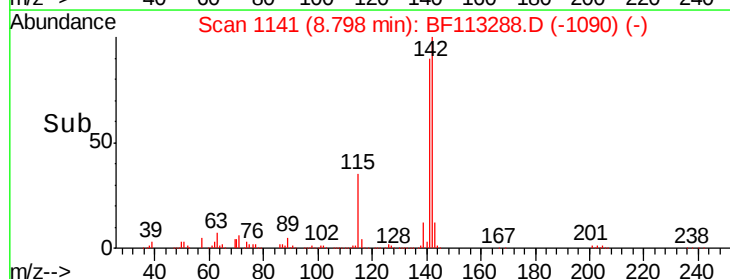
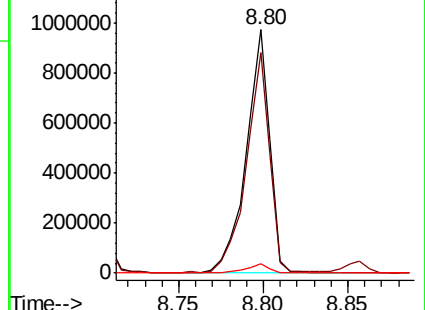
116 3.6 3.0 4.4

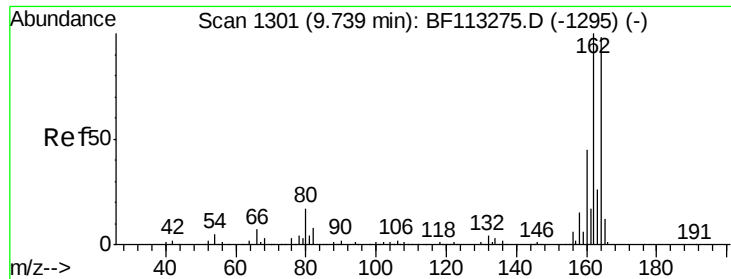


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

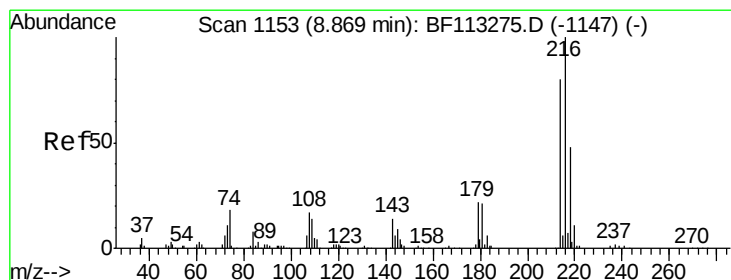
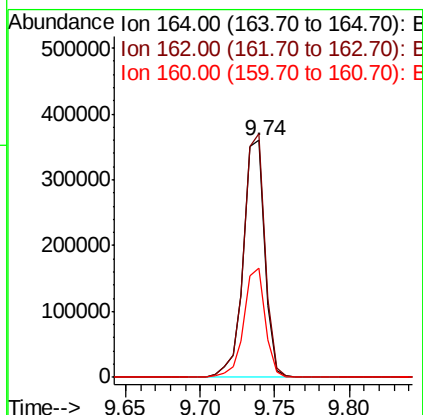
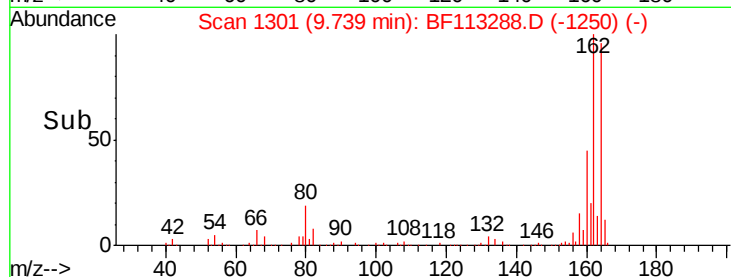
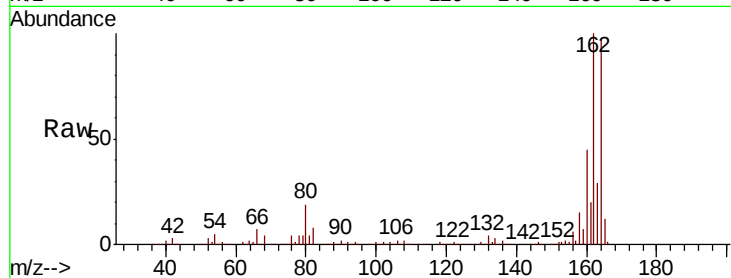




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF113288.D
Acq: 26 Mar 2019 13:23

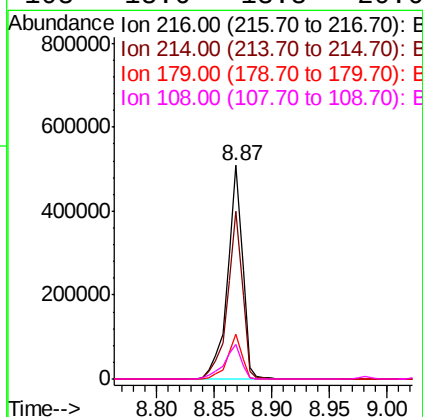
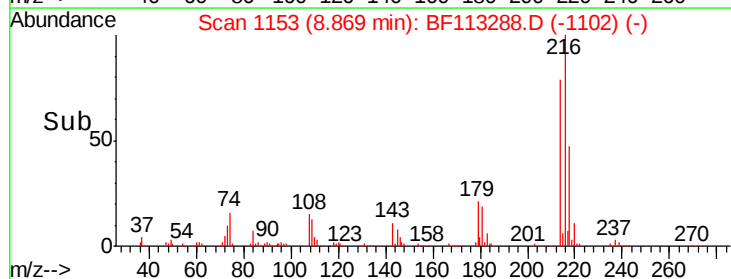
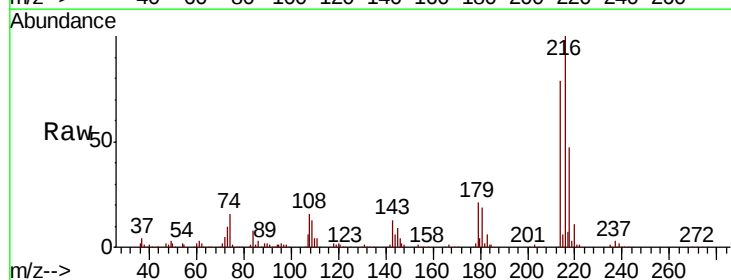
Instrument :
BNA_F
ClientSampleId :
PB118273BS

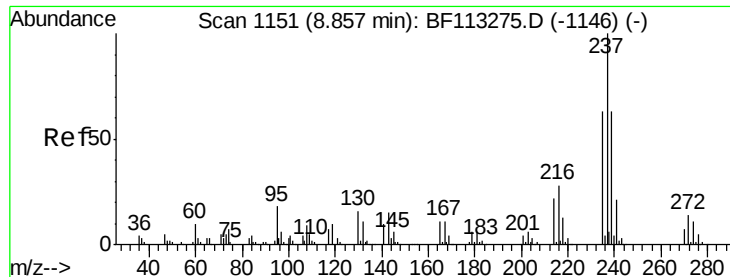
Tgt Ion:164 Resp: 358073
Ion Ratio Lower Upper
164 100
162 102.9 81.8 122.6
160 46.2 36.4 54.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.736 ng
RT: 8.87 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BF113288.D
Acq: 26 Mar 2019 13:23

Tgt Ion:216 Resp: 456730
Ion Ratio Lower Upper
216 100
214 78.5 63.0 94.6
179 20.3 16.8 25.2
108 18.6 13.8 20.6





#41

Hexachlorocyclopentadiene

Concen: 78.445 ng

RT: 8.86 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF113288.D

Acq: 26 Mar 2019 13:23

Instrument :

BNA_F

ClientSampleId :

PB118273BS

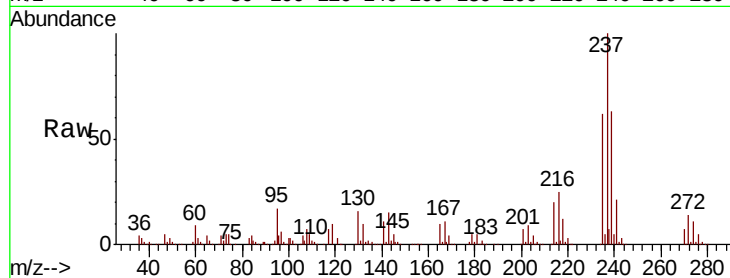
Tgt Ion: 237 Resp: 381646

Ion Ratio Lower Upper

237 100

235 62.2 43.4 83.4

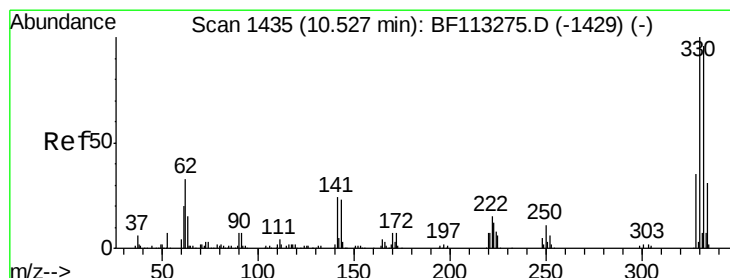
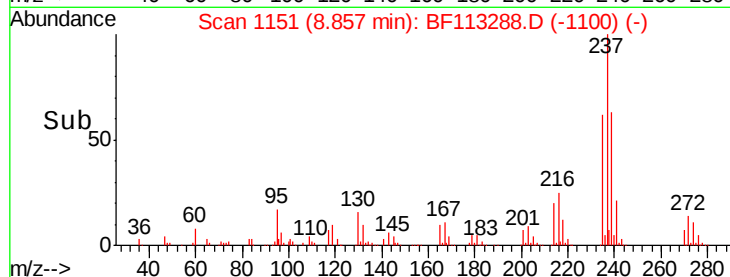
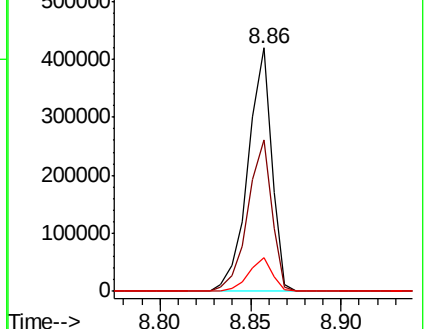
272 14.1 0.0 33.7



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: 111.571 ng

RT: 10.53 min Scan# 1435

Delta R.T. 0.00 min

Lab File: BF113288.D

Acq: 26 Mar 2019 13:23

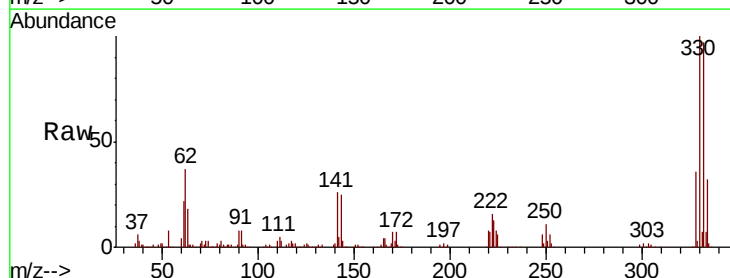
Tgt Ion: 330 Resp: 493480

Ion Ratio Lower Upper

330 100

332 96.9 77.8 116.6

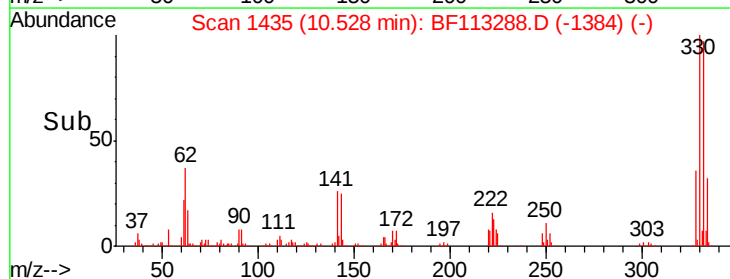
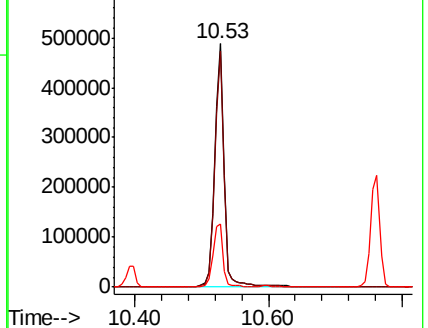
141 27.5 22.7 34.1

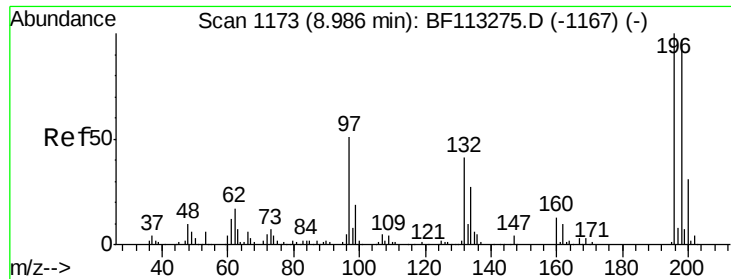


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

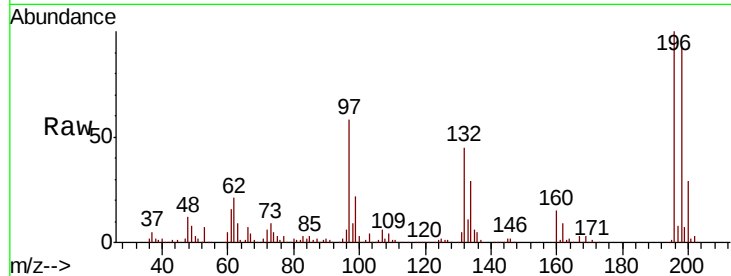




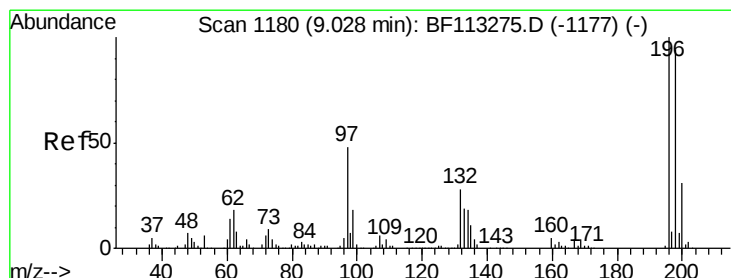
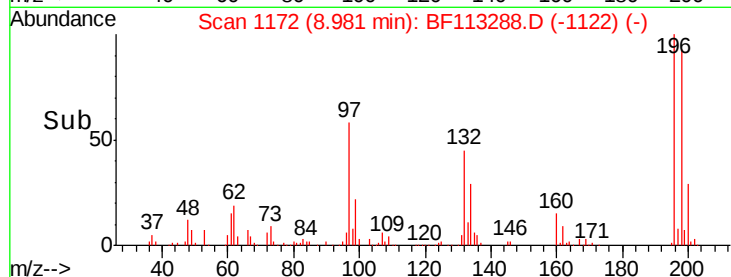
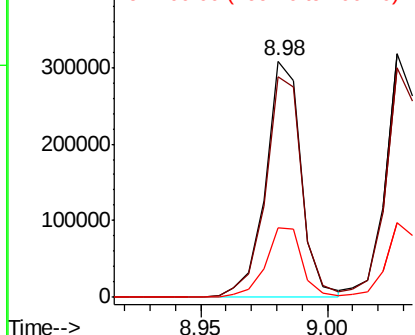
#43
 2,4,6-Trichlorophenol
 Concen: 40.493 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BF113288.D
 Acq: 26 Mar 2019 13:23

Instrument :
 BNA_F
 ClientSampleId :
 PB118273BS

Tgt Ion:196 Resp: 303084
 Ion Ratio Lower Upper
 196 100
 198 93.4 77.7 116.5
 200 29.2 24.9 37.3

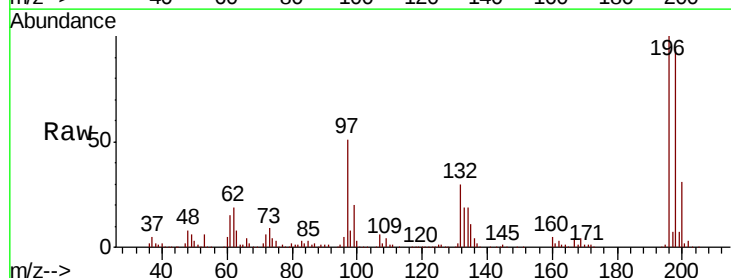


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

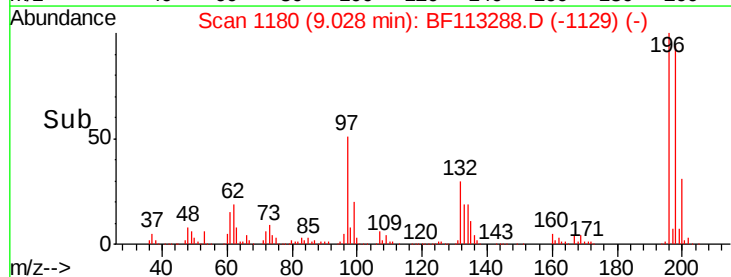
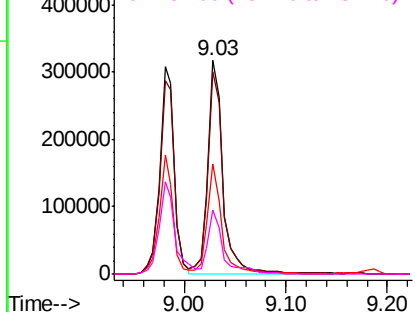


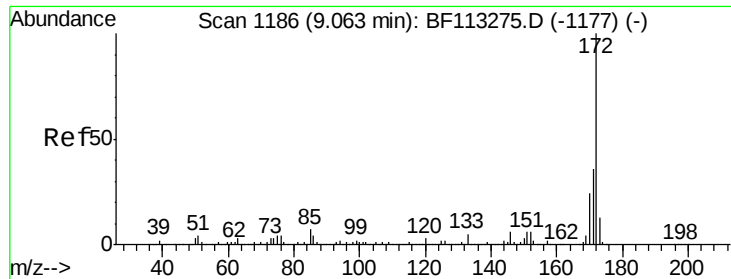
#44
 2,4,5-Trichlorophenol
 Concen: 39.575 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BF113288.D
 Acq: 26 Mar 2019 13:23

Tgt Ion:196 Resp: 327816
 Ion Ratio Lower Upper
 196 100
 198 94.4 75.4 113.2
 97 51.4 38.6 58.0
 132 29.7 22.9 34.3



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

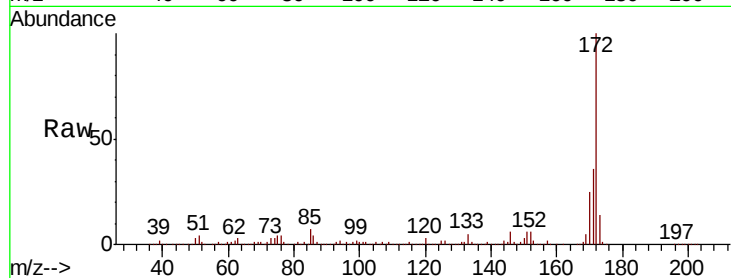




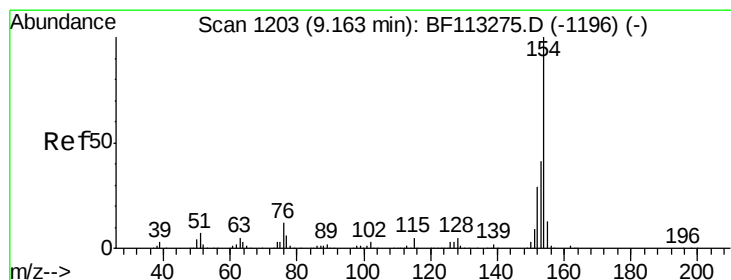
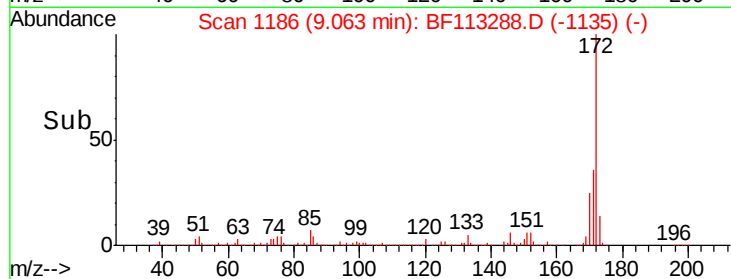
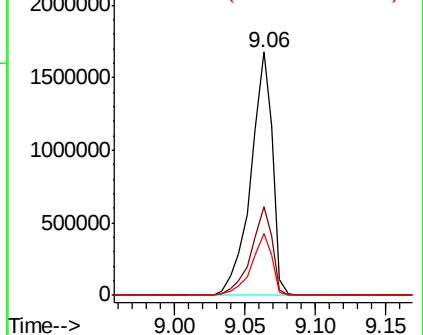
#45
2-Fluorobiphenyl
Concen: 77.709 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF113288.D
Acq: 26 Mar 2019 13:23

Instrument :
BNA_F
ClientSampleId :
PB118273BS

Tgt Ion:172 Resp: 1809869
Ion Ratio Lower Upper
172 100
171 36.3 29.0 43.6
170 25.2 19.5 29.3

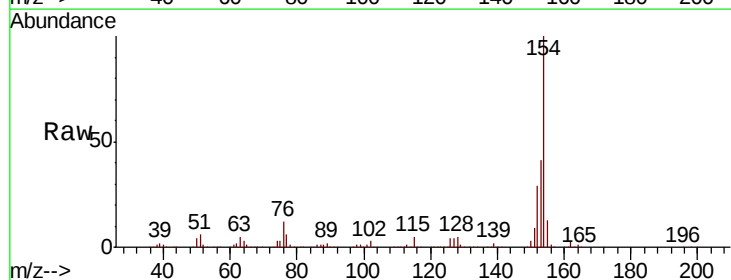


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

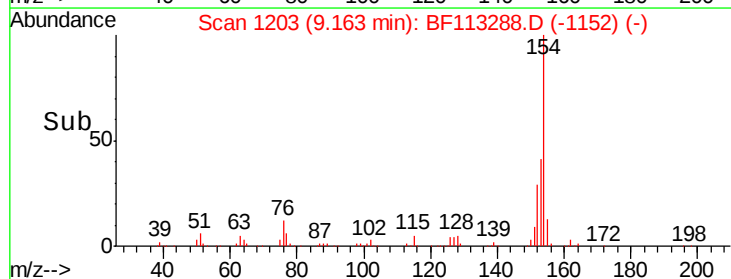
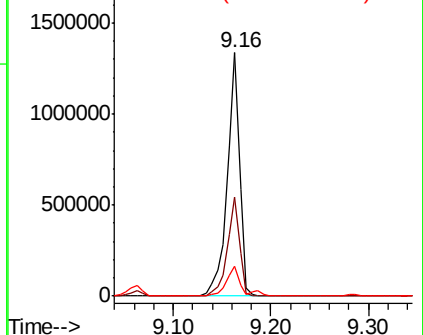


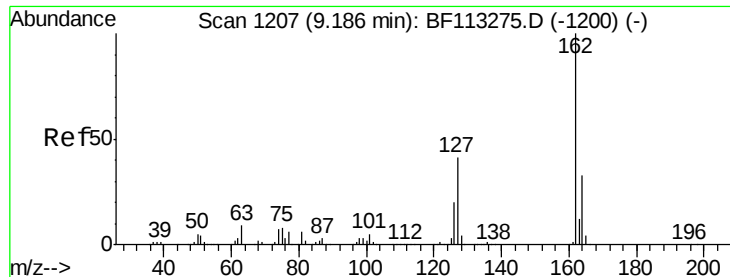
#46
1,1'-Biphenyl
Concen: 39.266 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF113288.D
Acq: 26 Mar 2019 13:23

Tgt Ion:154 Resp: 1174286
Ion Ratio Lower Upper
154 100
153 40.6 20.8 60.8
76 12.5 0.0 31.9



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: 39.364 ng

RT: 9.19 min Scan# 1207

Delta R.T. 0.00 min

Lab File: BF113288.D

Acq: 26 Mar 2019 13:23

Instrument :

BNA_F

ClientSampleId :

PB118273BS

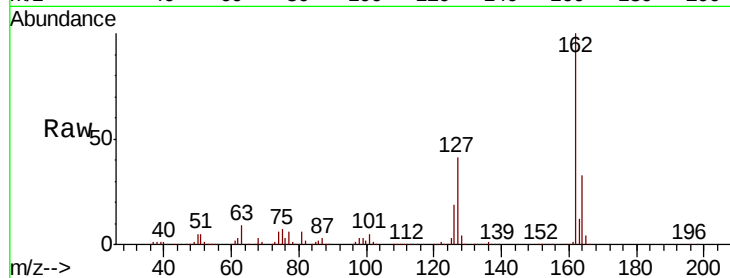
Tgt Ion: 162 Resp: 906404

Ion Ratio Lower Upper

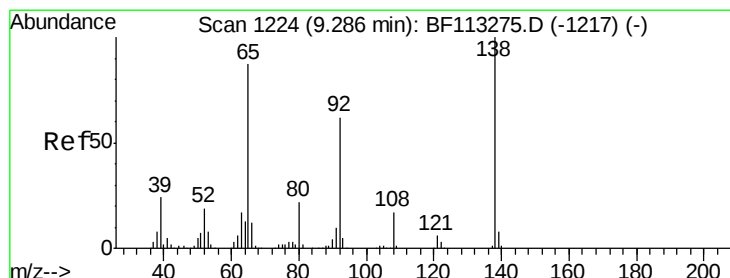
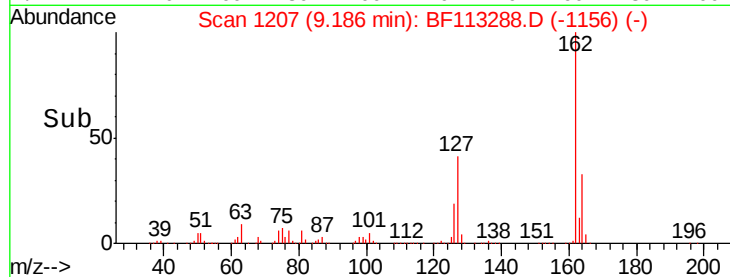
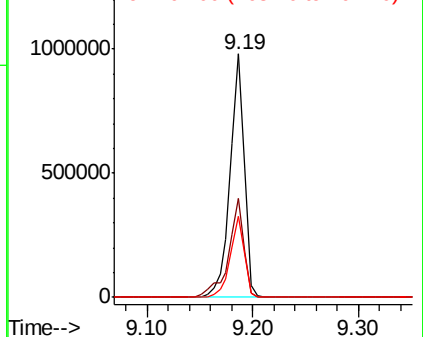
162 100

127 40.6 32.6 49.0

164 33.3 26.6 39.8



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: 39.754 ng

RT: 9.29 min Scan# 1224

Delta R.T. 0.00 min

Lab File: BF113288.D

Acq: 26 Mar 2019 13:23

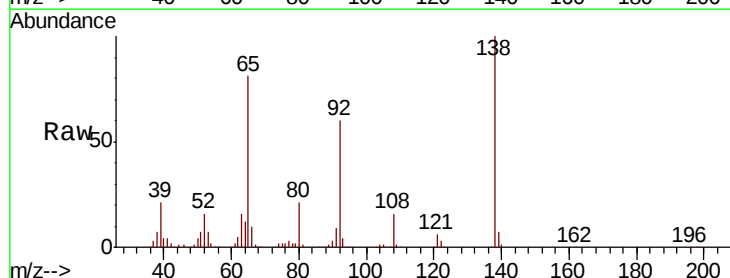
Tgt Ion: 65 Resp: 287267

Ion Ratio Lower Upper

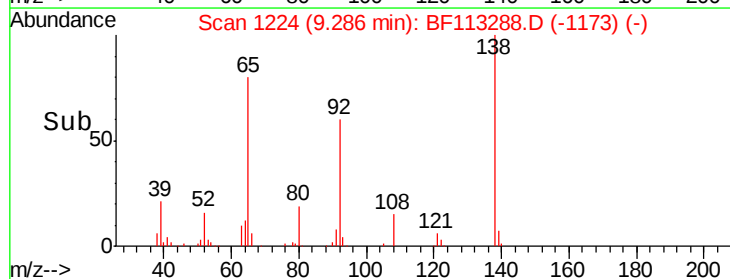
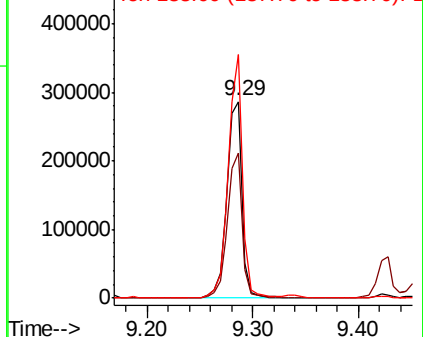
65 100

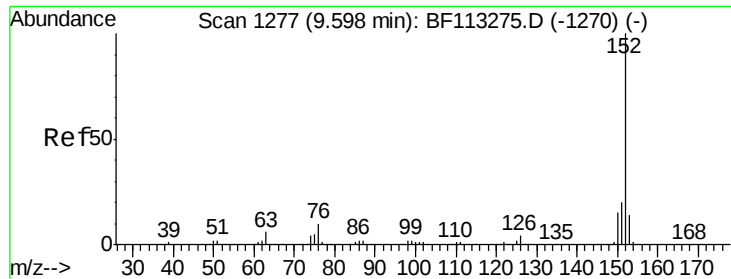
92 73.9 56.8 85.2

138 123.8 92.3 138.5



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: 38.773 ng

RT: 9.60 min Scan# 1277

Delta R.T. 0.00 min

Lab File: BF113288.D

Acq: 26 Mar 2019 13:23

Instrument :

BNA_F

ClientSampleId :

PB118273BS

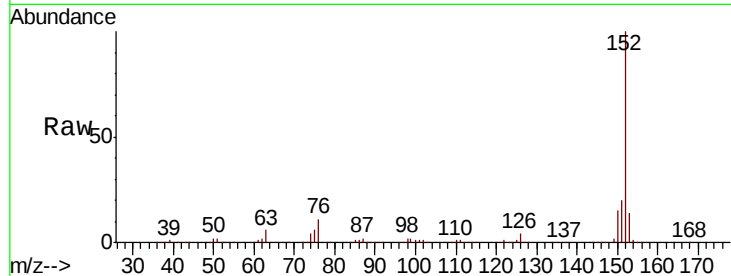
Tgt Ion:152 Resp: 1443573

Ion Ratio Lower Upper

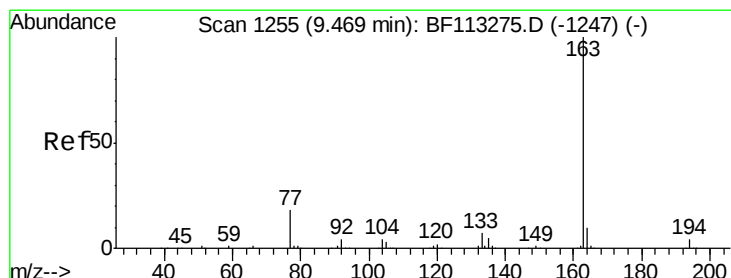
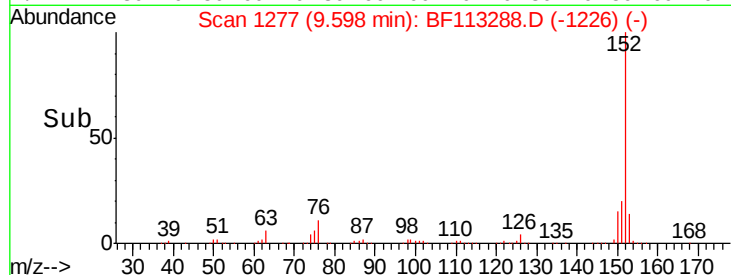
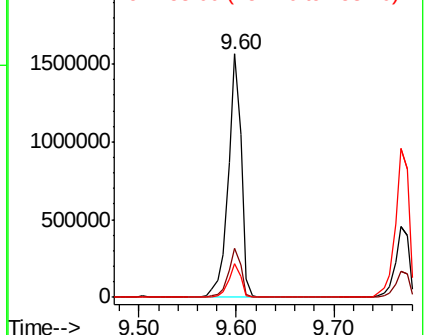
152 100

151 20.4 16.2 24.4

153 14.0 11.0 16.6



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



#50

Dimethylphthalate

Concen: 39.620 ng

RT: 9.47 min Scan# 1255

Delta R.T. 0.00 min

Lab File: BF113288.D

Acq: 26 Mar 2019 13:23

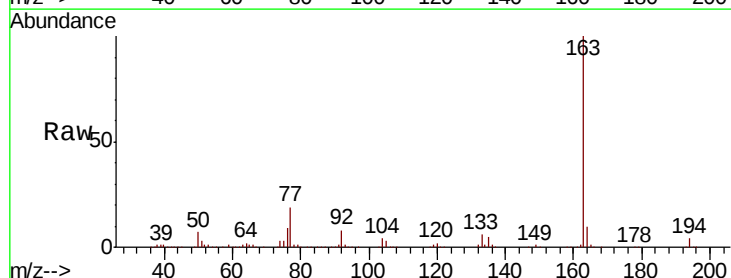
Tgt Ion:163 Resp: 1051371

Ion Ratio Lower Upper

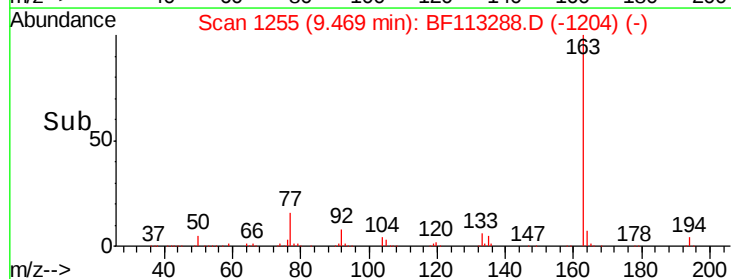
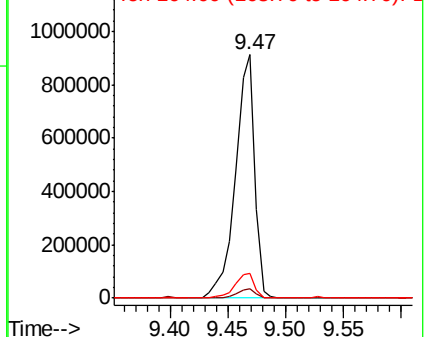
163 100

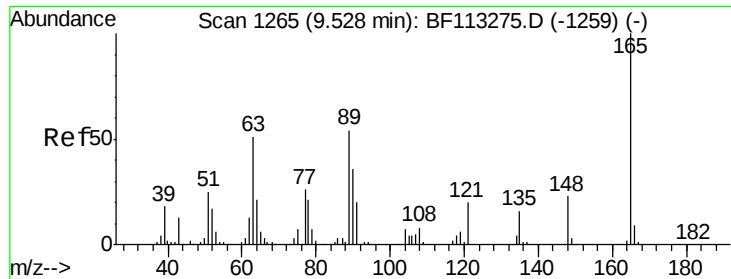
194 4.1 3.0 4.6

164 10.0 8.1 12.1



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

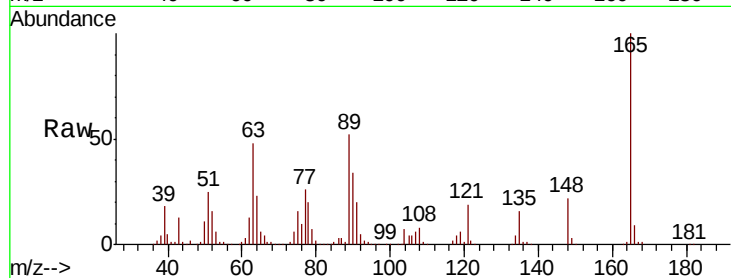




#51
2,6-Dinitrotoluene
Concen: 39.503 ng
RT: 9.53 min Scan# 1265
Delta R.T. 0.00 min
Lab File: BF113288.D
Acq: 26 Mar 2019 13:23

Instrument :
BNA_F
ClientSampleId :
PB118273BS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	48.5	43.4	65.0
89	51.6	43.1	64.7

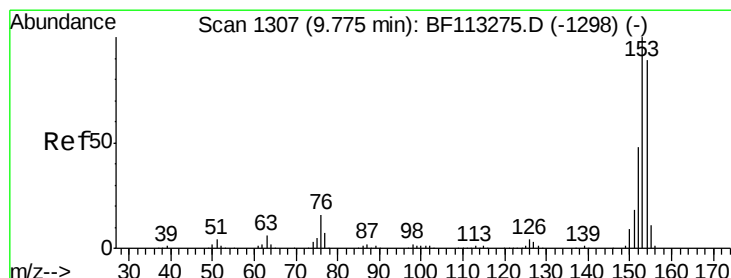
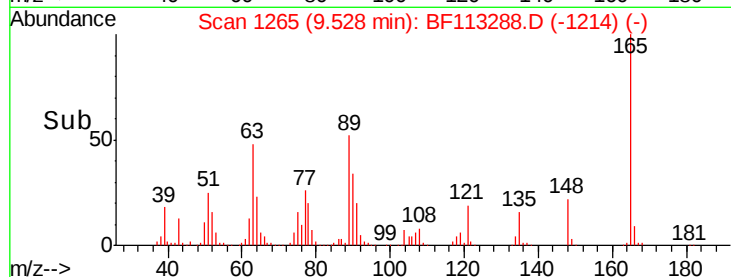
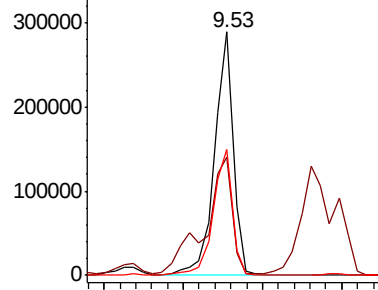


Abundance

Ion 165.00 (164.70 to 165.70): E

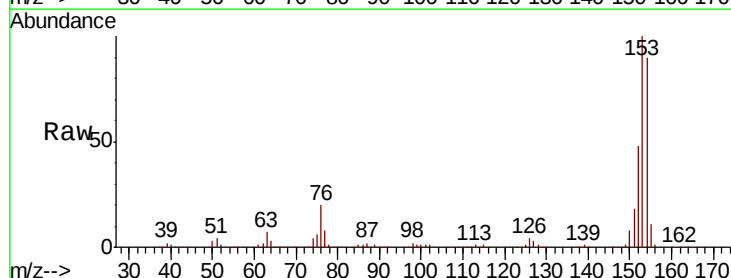
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52
Acenaphthene
Concen: 39.403 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BF113288.D
Acq: 26 Mar 2019 13:23

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.5	89.5	134.3
152	53.5	43.3	64.9

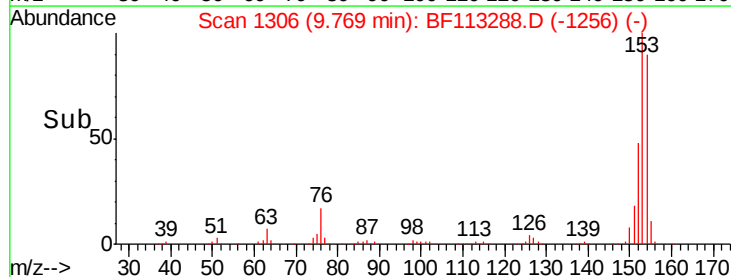
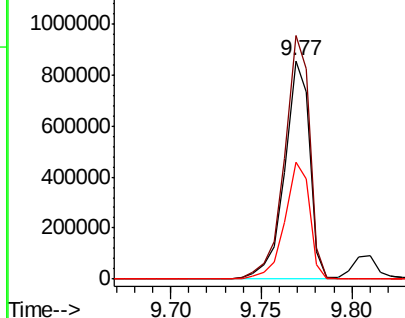


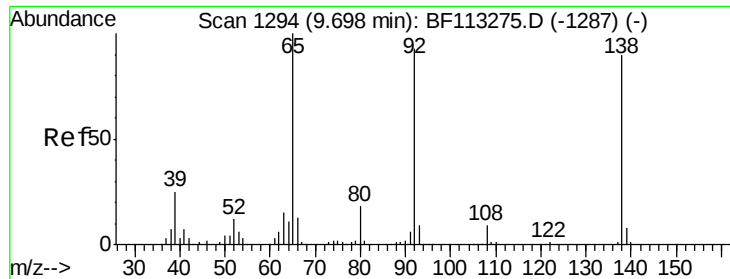
Abundance

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

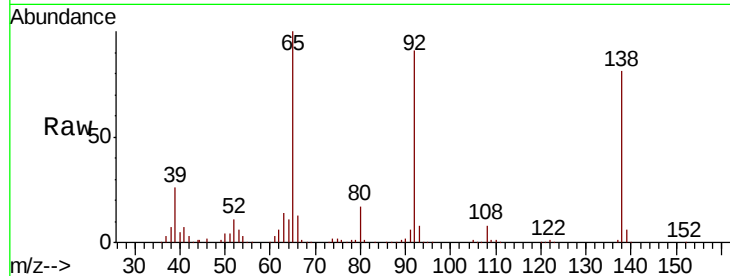




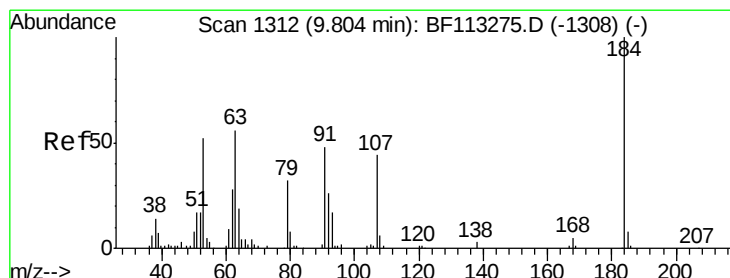
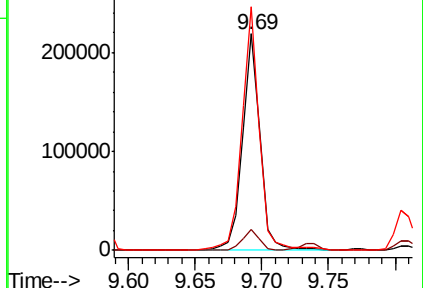
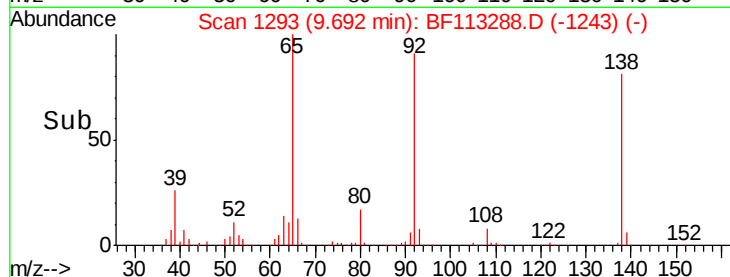
#53
3-Nitroaniline
Concen: 29.624 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF113288.D
Acq: 26 Mar 2019 13:23

Instrument :
BNA_F
ClientSampleId :
PB118273BS

Tgt Ion:138 Resp: 199996
Ion Ratio Lower Upper
138 100
108 9.7 7.8 11.6
92 112.6 82.6 124.0

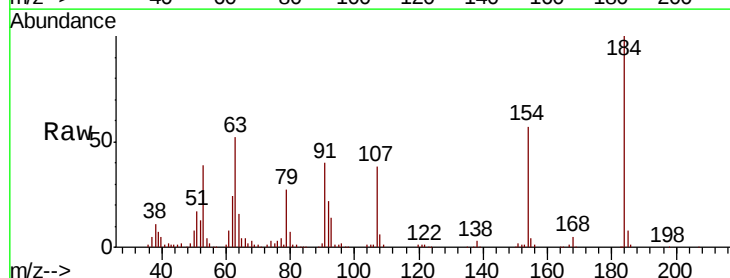


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

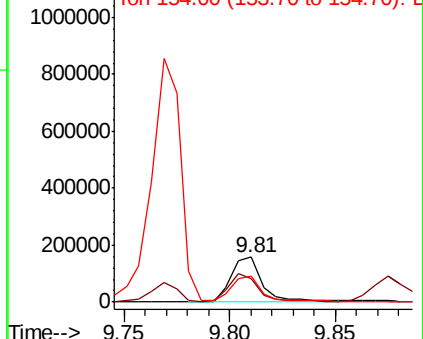
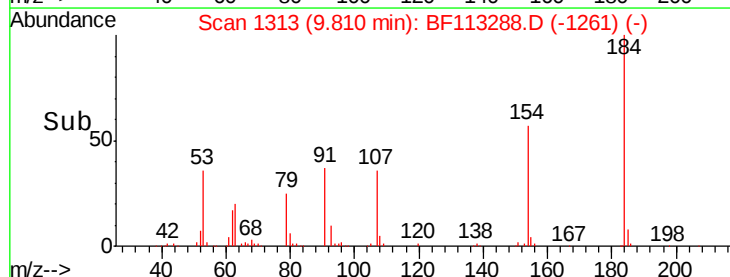


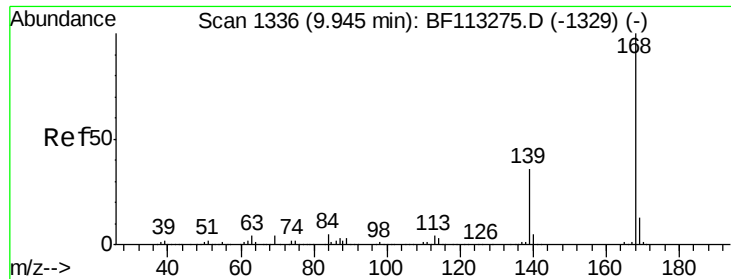
#54
2,4-Dinitrophenol
Concen: 54.932 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BF113288.D
Acq: 26 Mar 2019 13:23

Tgt Ion:184 Resp: 163558
Ion Ratio Lower Upper
184 100
63 52.0 54.3 81.5#
154 57.3 48.4 72.6



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

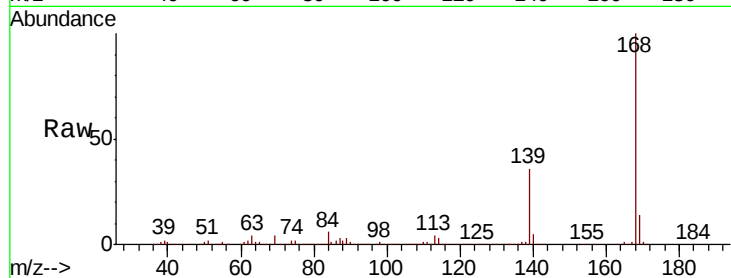




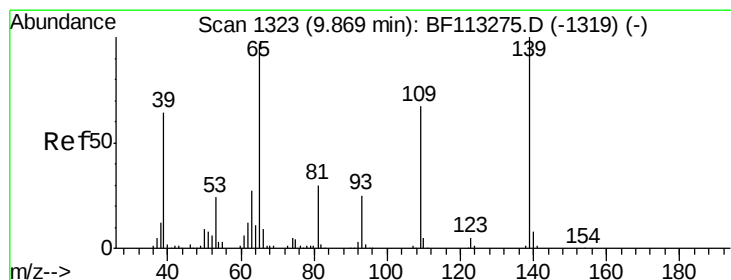
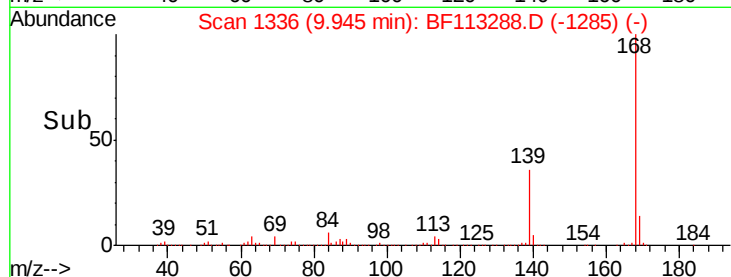
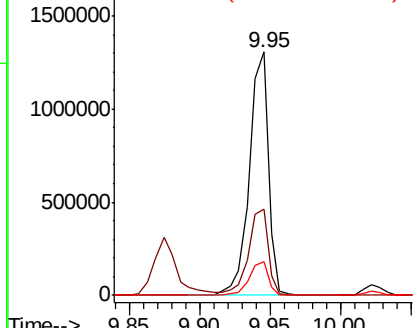
#55
Dibenzofuran
Concen: 39.531 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF113288.D
Acq: 26 Mar 2019 13:23

Instrument :
BNA_F
ClientSampleId :
PB118273BS

Tgt Ion:168 Resp: 1246026
Ion Ratio Lower Upper
168 100
139 35.6 29.7 44.5
169 13.6 10.7 16.1

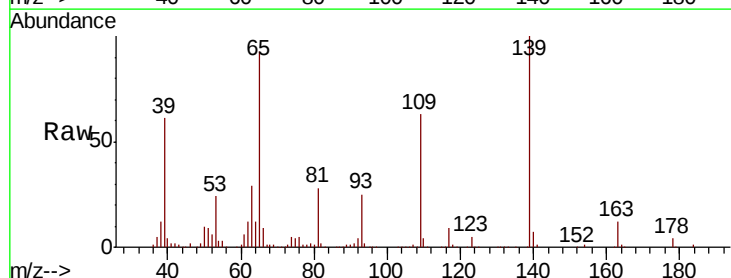


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

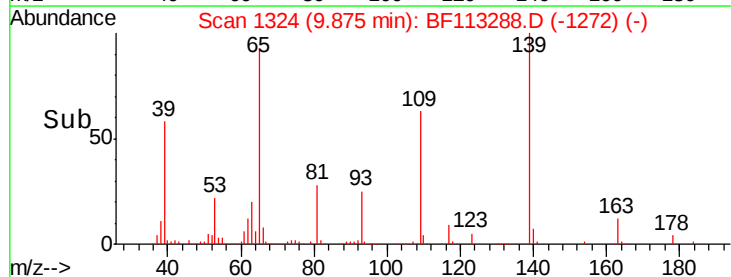
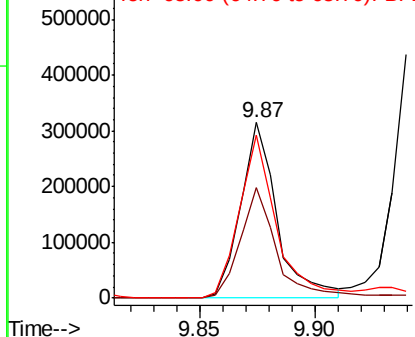


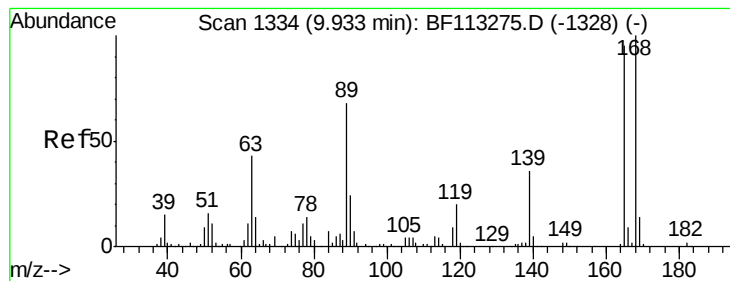
#56
4-Nitrophenol
Concen: 72.271 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BF113288.D
Acq: 26 Mar 2019 13:23

Tgt Ion:139 Resp: 347845
Ion Ratio Lower Upper
139 100
109 62.8 46.9 86.9
65 93.3 77.2 117.2



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





#57

2,4-Dinitrotoluene

Concen: 38.964 ng

RT: 9.93 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BF113288.D

Acq: 26 Mar 2019 13:23

Instrument :

BNA_F

ClientSampleId :

PB118273BS

Tgt Ion:165 Resp: 296632

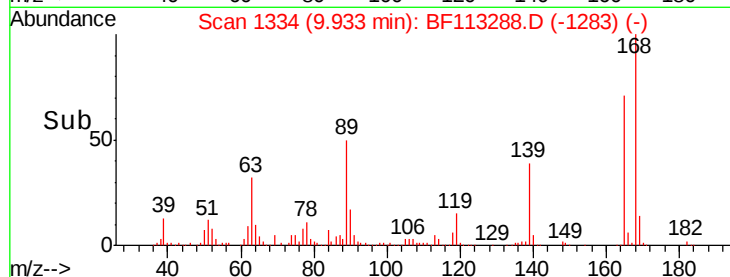
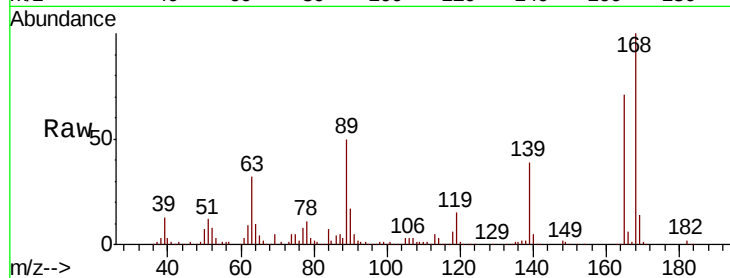
Ion Ratio Lower Upper

165 100

63 45.2 37.5 56.3

89 69.7 57.4 86.2

182 2.6 2.0 3.0

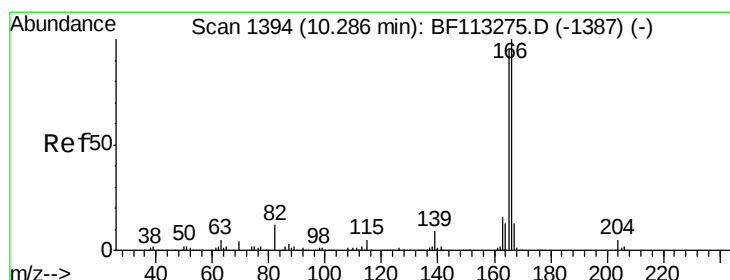
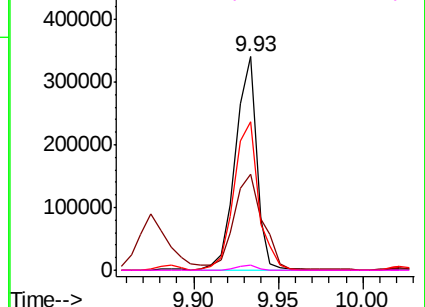


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 37.808 ng

RT: 10.29 min Scan# 1394

Delta R.T. 0.00 min

Lab File: BF113288.D

Acq: 26 Mar 2019 13:23

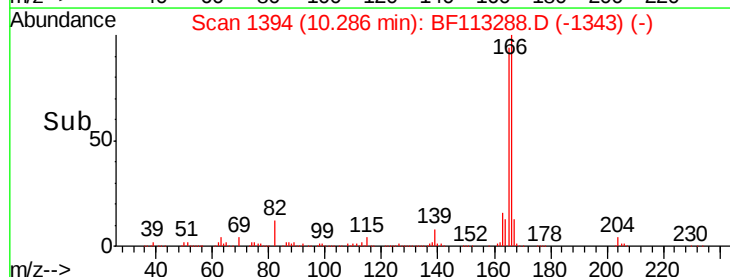
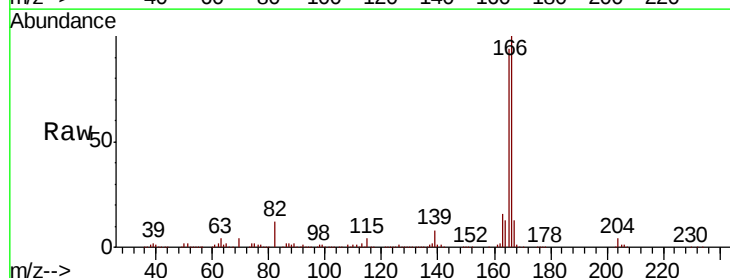
Tgt Ion:166 Resp: 925769

Ion Ratio Lower Upper

166 100

165 94.2 76.2 114.2

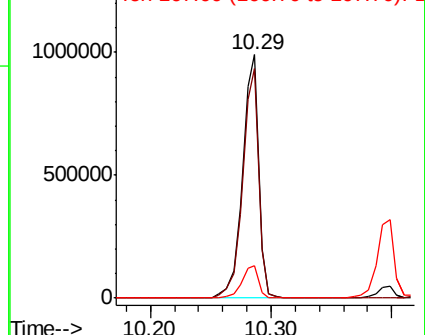
167 13.4 10.7 16.1



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 40.484 ng

RT: 10.07 min Scan# 1357

Delta R.T. 0.00 min

Lab File: BF113288.D

Acq: 26 Mar 2019 13:23

Instrument :

BNA_F

ClientSampleId :

PB118273BS

Tgt Ion:232 Resp: 283582

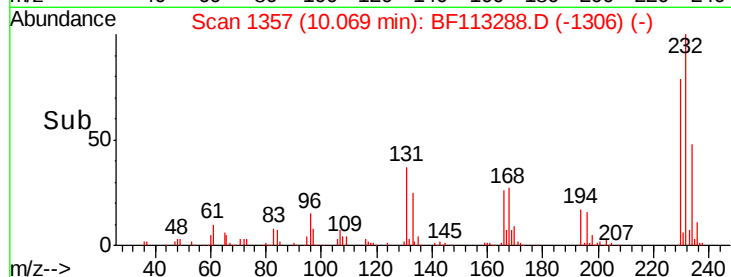
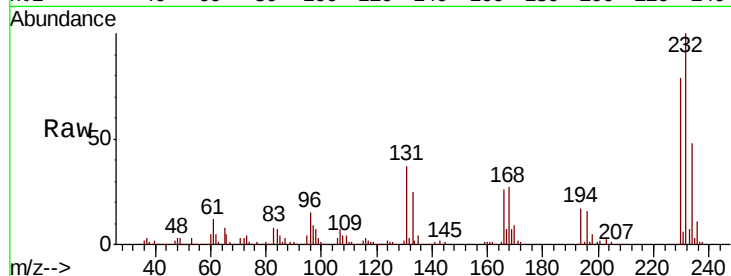
Ion Ratio Lower Upper

232 100

131 41.5 33.2 49.8

130 1.9 1.6 2.4

166 26.5 21.0 31.6

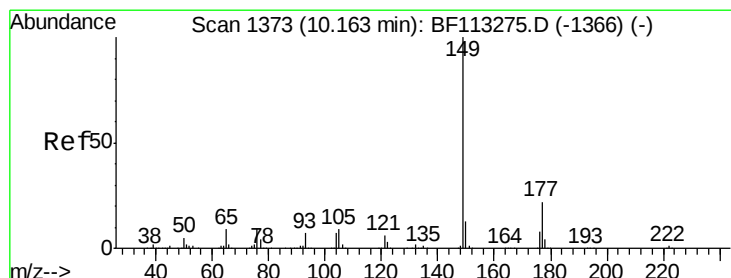
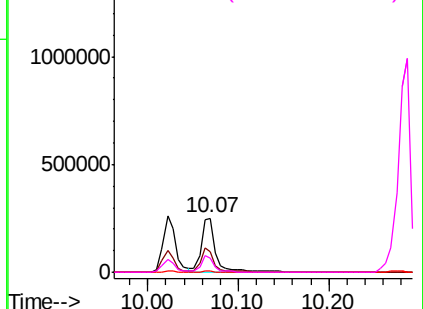


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 39.007 ng

RT: 10.16 min Scan# 1373

Delta R.T. 0.00 min

Lab File: BF113288.D

Acq: 26 Mar 2019 13:23

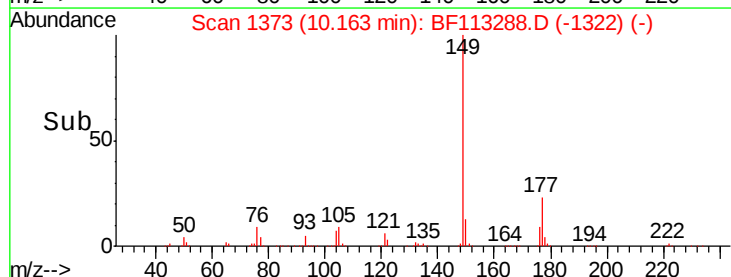
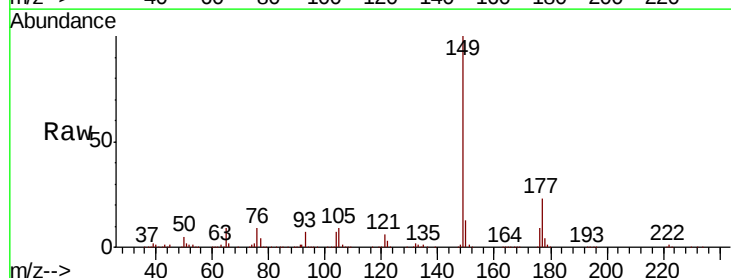
Tgt Ion:149 Resp: 1015410

Ion Ratio Lower Upper

149 100

177 22.8 17.4 26.0

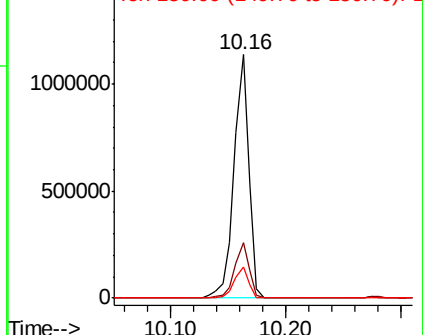
150 12.6 10.0 15.0

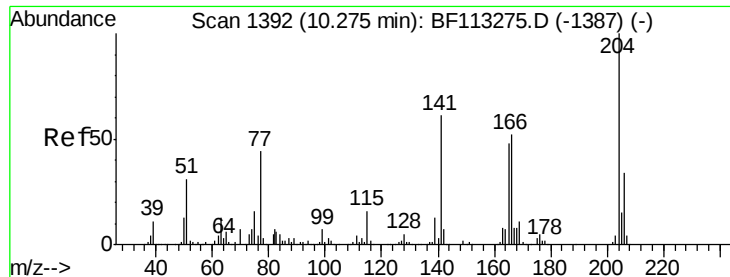


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

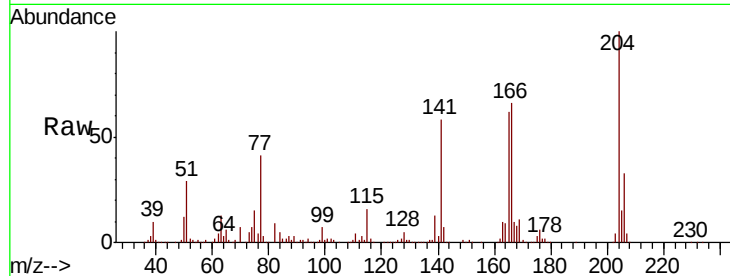




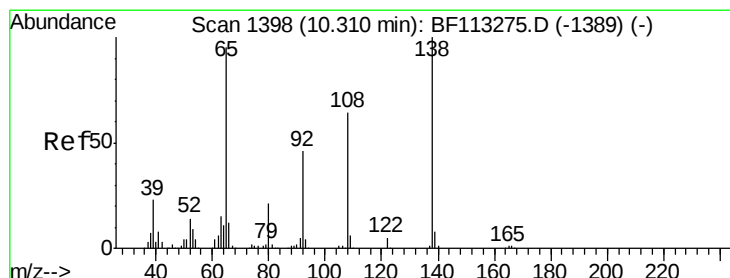
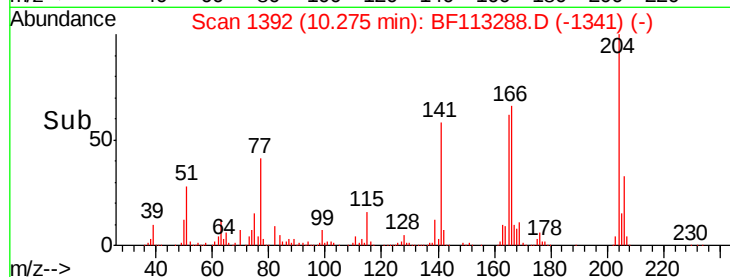
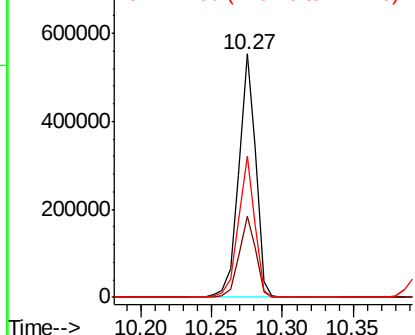
#61
4-Chlorophenyl-phenylether
Concen: 38.749 ng
RT: 10.27 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BF113288.D
Acq: 26 Mar 2019 13:23

Instrument :
BNA_F
ClientSampleId :
PB118273BS

Tgt Ion:204 Resp: 462432
Ion Ratio Lower Upper
204 100
206 33.3 26.9 40.3
141 57.8 48.8 73.2

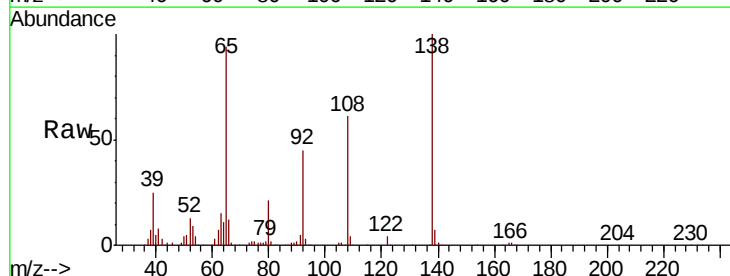


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

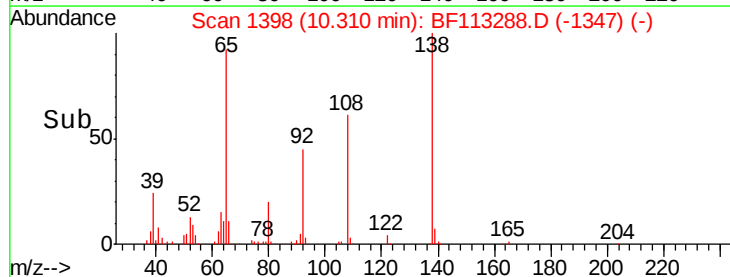
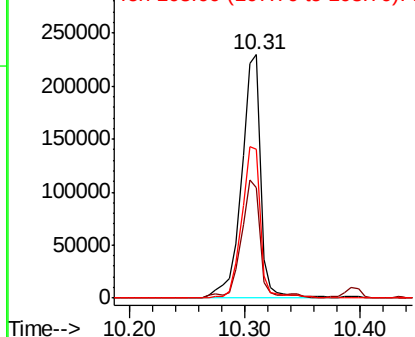


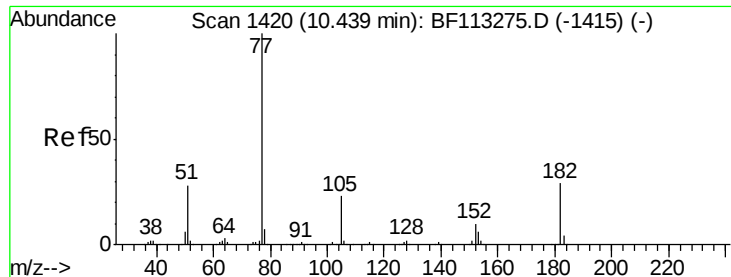
#62
4-Nitroaniline
Concen: 38.043 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF113288.D
Acq: 26 Mar 2019 13:23

Tgt Ion:138 Resp: 264428
Ion Ratio Lower Upper
138 100
92 45.2 25.8 65.8
108 61.4 44.0 84.0



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





#63

Azobenzene

Concen: 38.854 ng

RT: 10.43 min Scan# 1419

Delta R.T. -0.01 min

Lab File: BF113288.D

Acq: 26 Mar 2019 13:23

Instrument :

BNA_F

ClientSampleId :

PB118273BS

Tgt Ion: 77 Resp: 952096

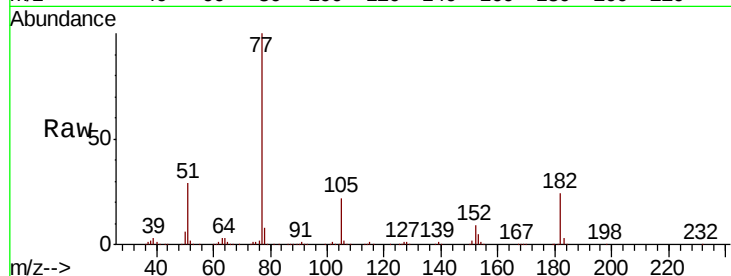
Ion Ratio Lower Upper

77 100

182 24.4 8.7 48.7

105 22.5 2.9 42.9

51 29.5 8.8 48.8

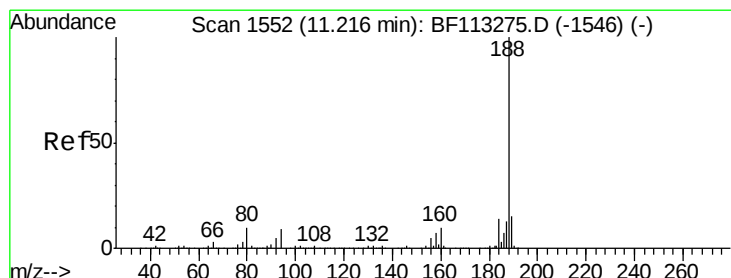
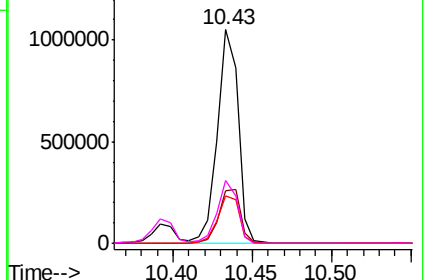
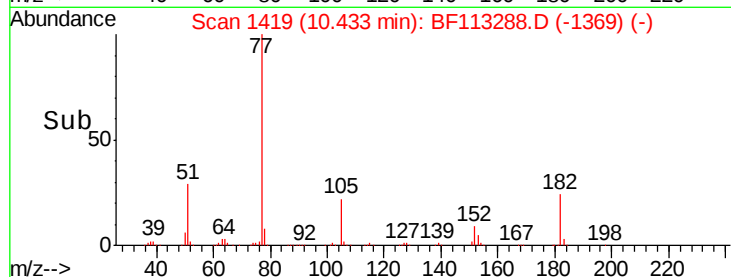


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.22 min Scan# 1552

Delta R.T. 0.00 min

Lab File: BF113288.D

Acq: 26 Mar 2019 13:23

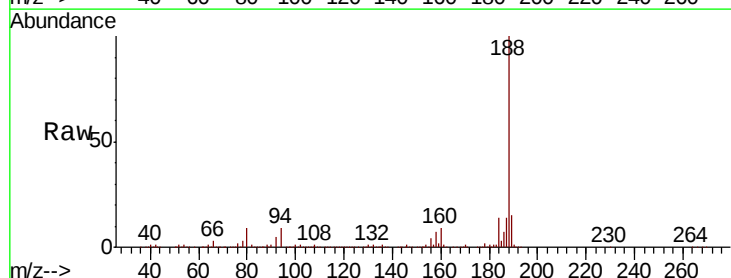
Tgt Ion: 188 Resp: 681878

Ion Ratio Lower Upper

188 100

94 9.0 7.0 10.6

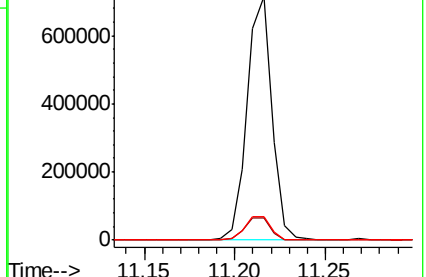
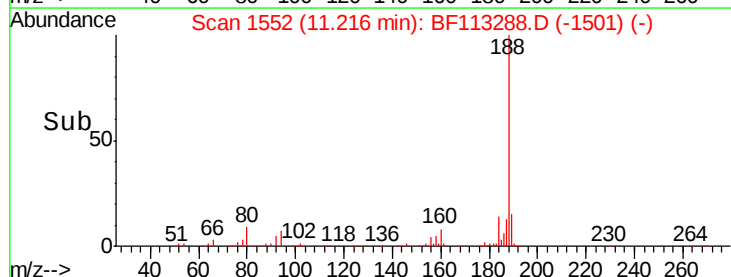
80 9.4 7.7 11.5



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

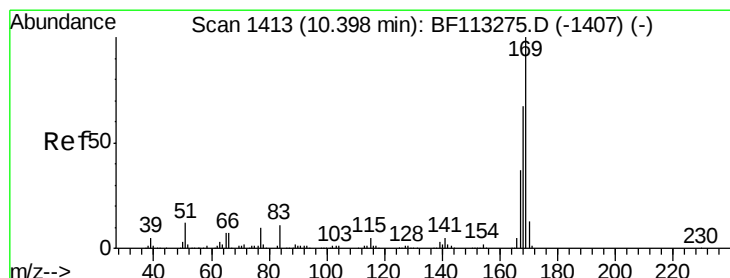
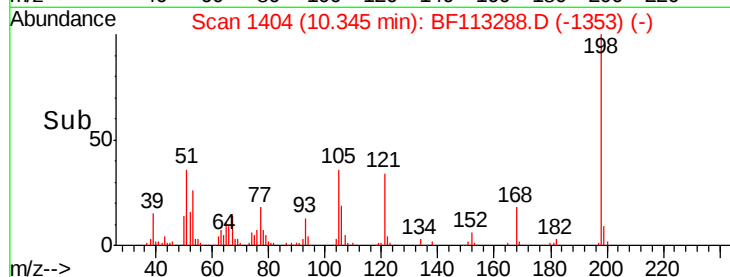
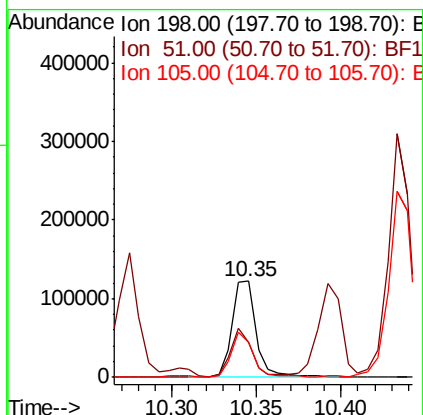
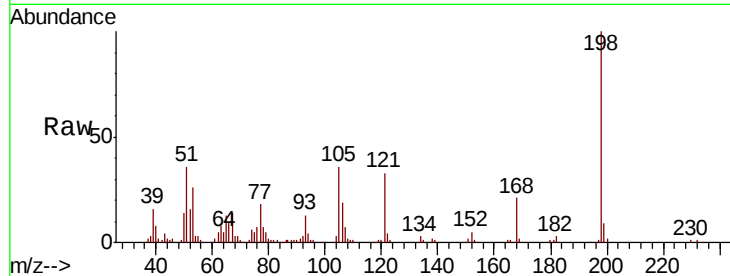




#65
 4,6-Dinitro-2-methylphenol
 Concen: 32.614 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. 0.00 min
 Lab File: BF113288.D
 Acq: 26 Mar 2019 13:23

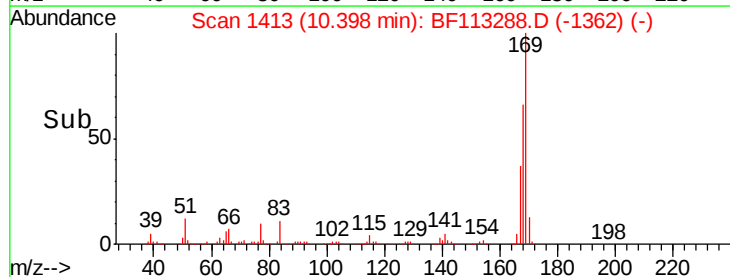
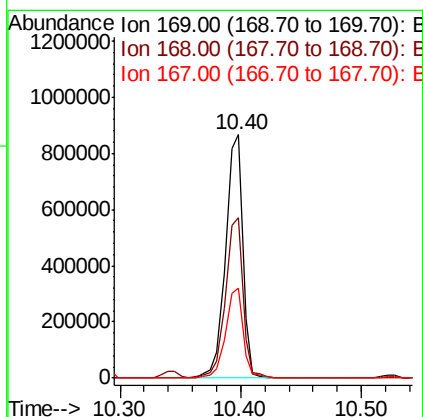
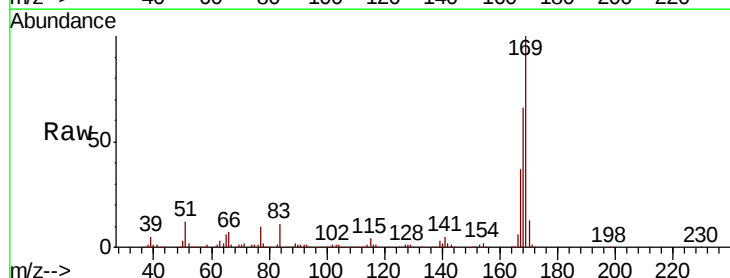
Instrument :
 BNA_F
 ClientSampleId :
 PB118273BS

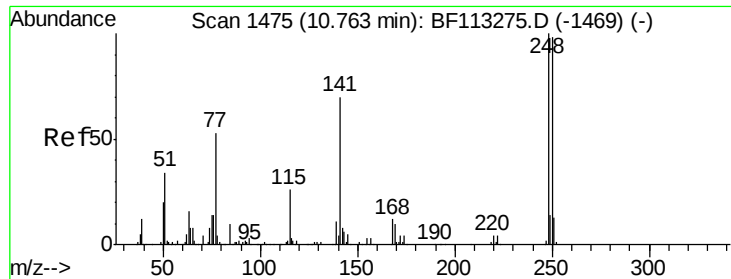
Tgt Ion	Ratio	Lower	Upper
198	100		
51	36.1	21.6	61.6
105	35.9	20.6	60.6



#66
 n-Nitrosodiphenylamine
 Concen: 41.117 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. 0.00 min
 Lab File: BF113288.D
 Acq: 26 Mar 2019 13:23

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.1	53.7	80.5
167	37.0	29.5	44.3

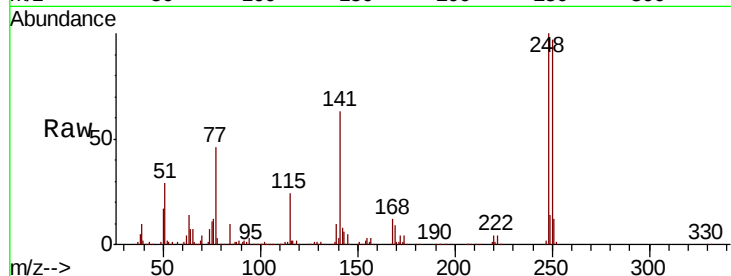




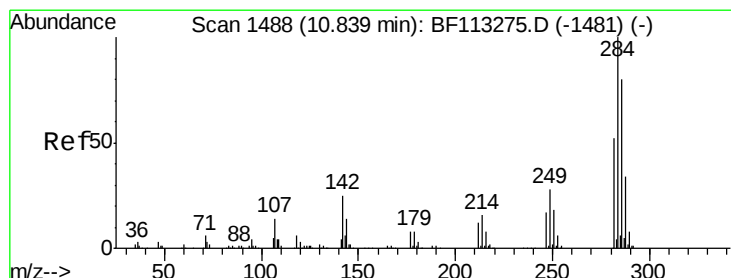
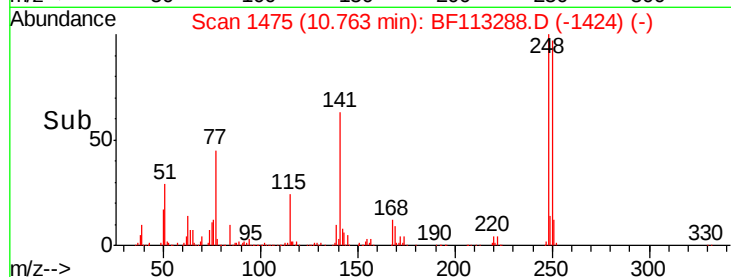
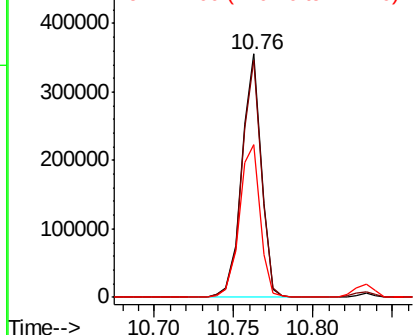
#67
 4-Bromophenyl-phenylether
 Concen: 40.805 ng
 RT: 10.76 min Scan# 1475
 Delta R.T. 0.00 min
 Lab File: BF113288.D
 Acq: 26 Mar 2019 13:23

Instrument :
 BNA_F
 ClientSampleId :
 PB118273BS

Tgt Ion:248 Resp: 303259
 Ion Ratio Lower Upper
 248 100
 250 97.3 78.3 117.5
 141 62.8 56.2 84.4

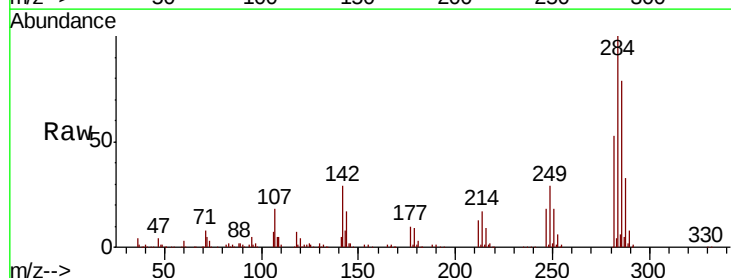


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

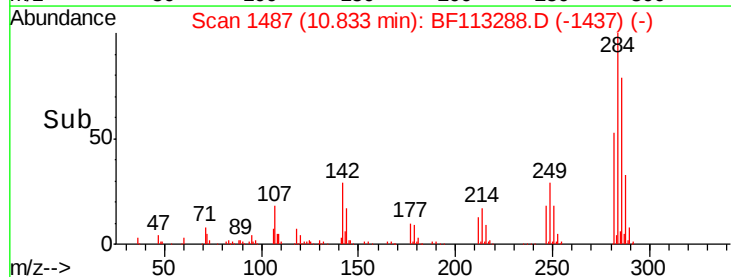
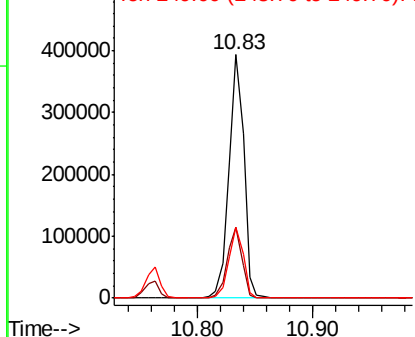


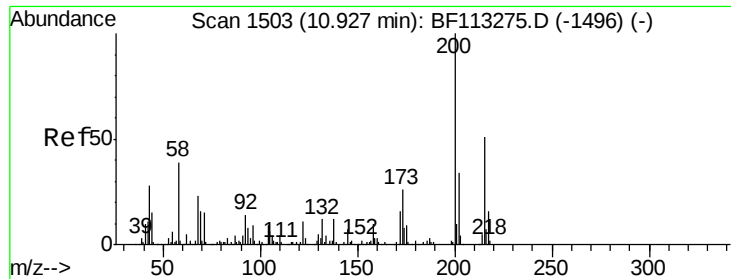
#68
 Hexachlorobenzene
 Concen: 40.725 ng
 RT: 10.83 min Scan# 1487
 Delta R.T. -0.01 min
 Lab File: BF113288.D
 Acq: 26 Mar 2019 13:23

Tgt Ion:284 Resp: 351313
 Ion Ratio Lower Upper
 284 100
 142 28.9 20.1 30.1
 249 29.0 22.7 34.1



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

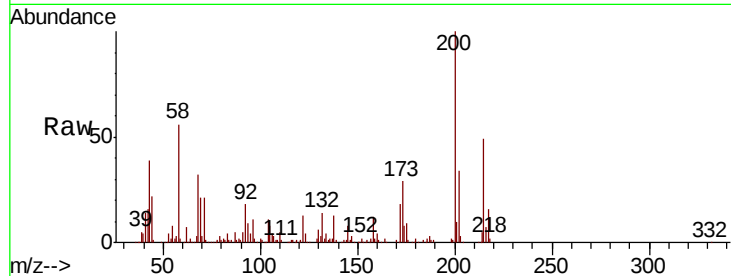




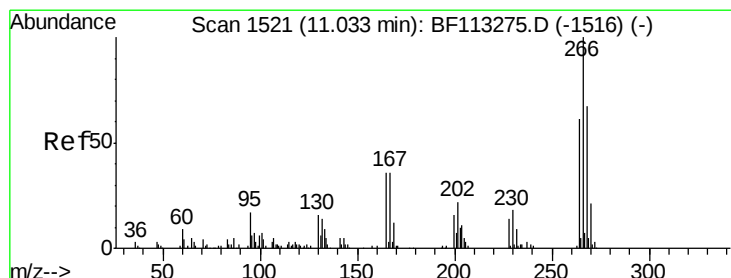
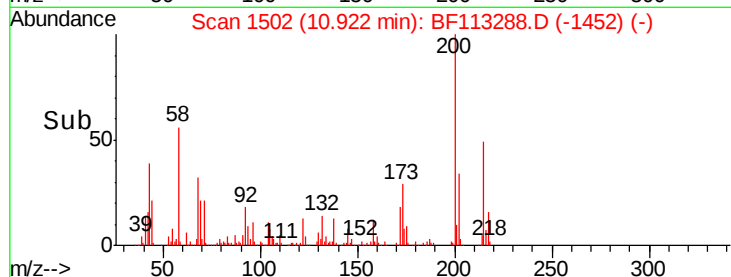
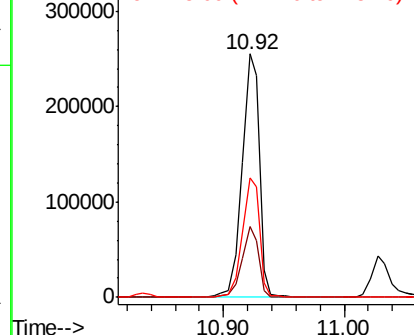
#69
Atrazine
Concen: 38.768 ng
RT: 10.92 min Scan# 1502
Delta R.T. -0.01 min
Lab File: BF113288.D
Acq: 26 Mar 2019 13:23

Instrument :
BNA_F
ClientSampleId :
PB118273BS

Tgt Ion:200 Resp: 256032
Ion Ratio Lower Upper
200 100
173 29.1 6.0 46.0
215 48.9 31.3 71.3

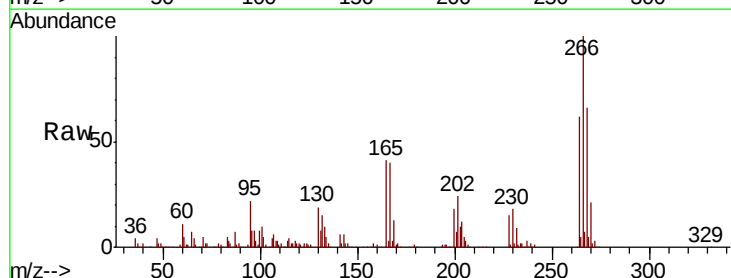


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

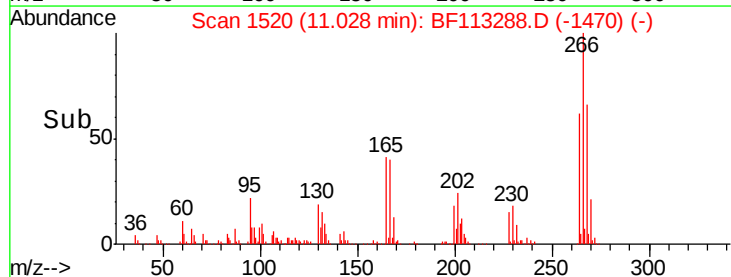
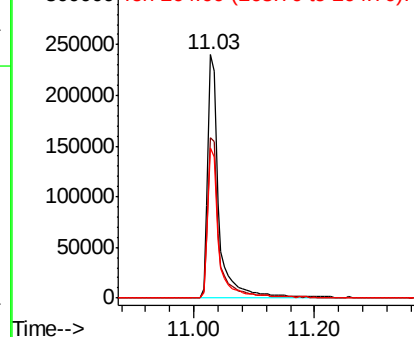


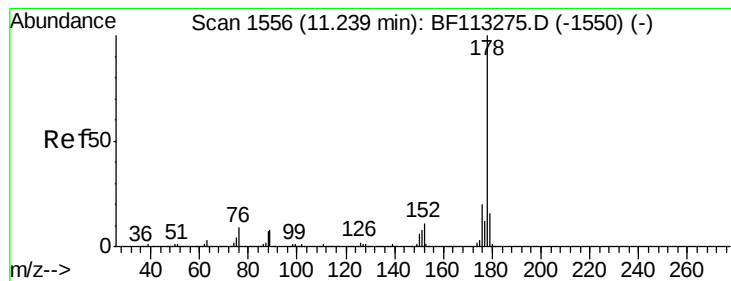
#70
Pentachlorophenol
Concen: 69.273 ng
RT: 11.03 min Scan# 1520
Delta R.T. -0.01 min
Lab File: BF113288.D
Acq: 26 Mar 2019 13:23

Tgt Ion:266 Resp: 311345
Ion Ratio Lower Upper
266 100
268 65.9 53.8 80.6
264 61.7 49.2 73.8



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: 39.649 ng

RT: 11.24 min Scan# 1556

Delta R.T. 0.00 min

Lab File: BF113288.D

Acq: 26 Mar 2019 13:23

Instrument :

BNA_F

ClientSampleId :

PB118273BS

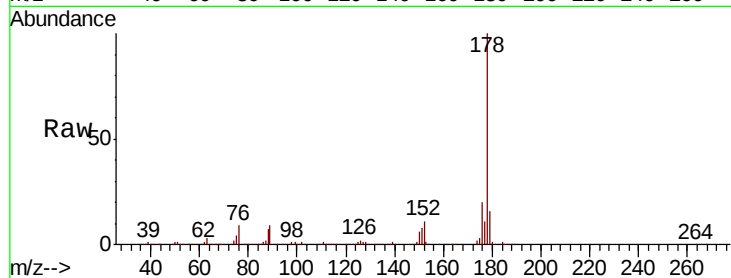
Tgt Ion:178 Resp: 1342602

Ion Ratio Lower Upper

178 100

176 20.0 16.2 24.2

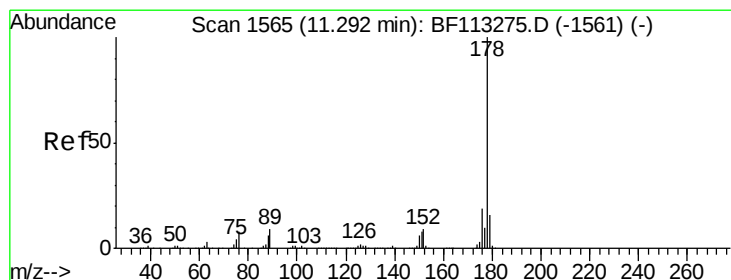
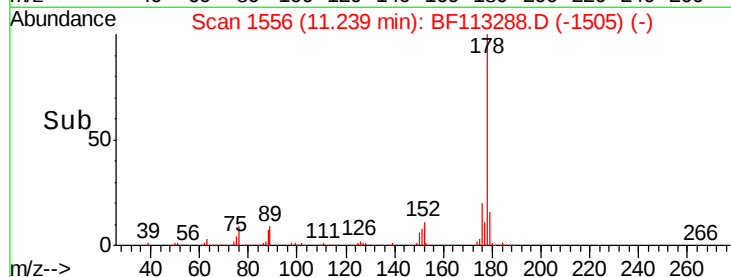
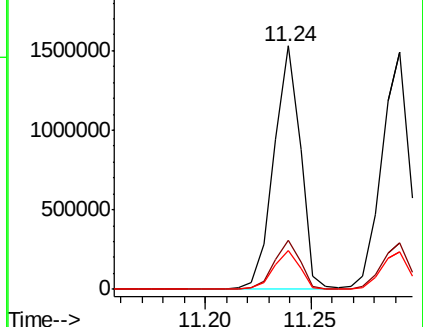
179 16.0 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.407 ng

RT: 11.29 min Scan# 1565

Delta R.T. 0.00 min

Lab File: BF113288.D

Acq: 26 Mar 2019 13:23

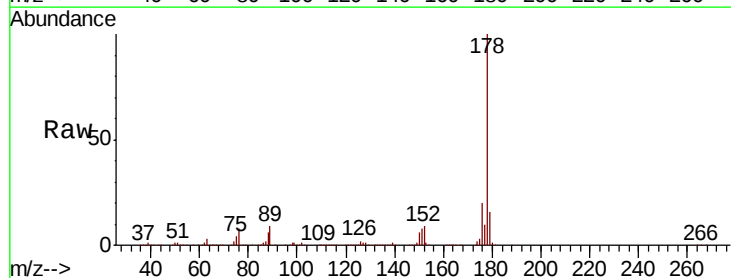
Tgt Ion:178 Resp: 1389791

Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.2

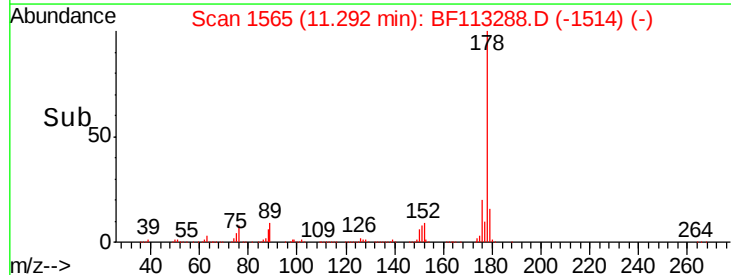
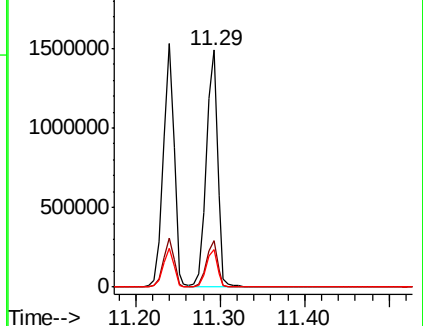
179 15.9 12.8 19.2

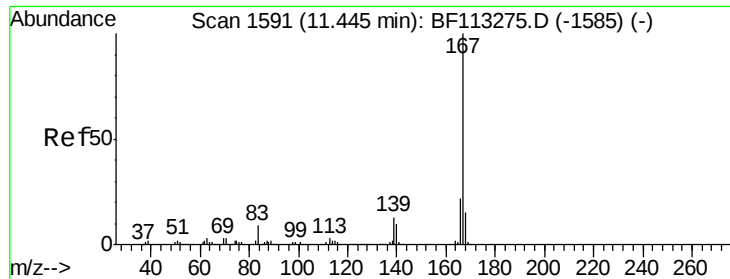


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

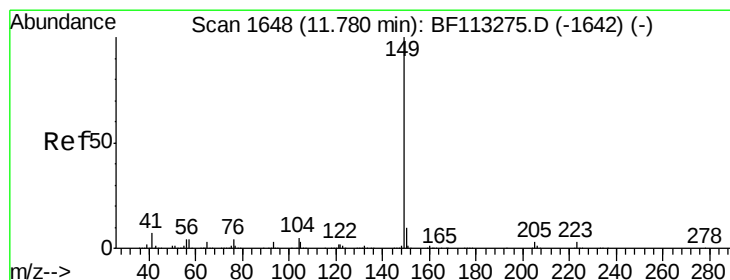
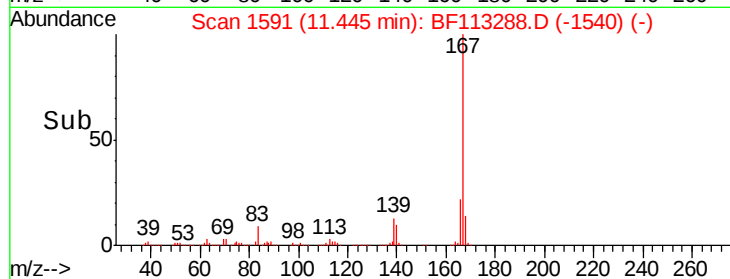
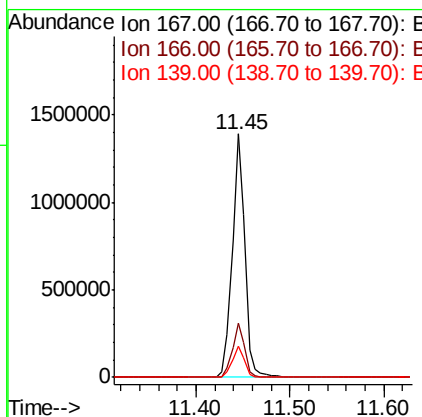
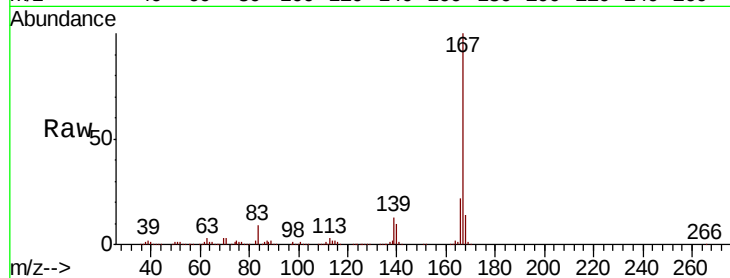




#73
 Carbazole
 Concen: 39.490 ng
 RT: 11.45 min Scan# 1591
 Delta R.T. 0.00 min
 Lab File: BF113288.D
 Acq: 26 Mar 2019 13:23

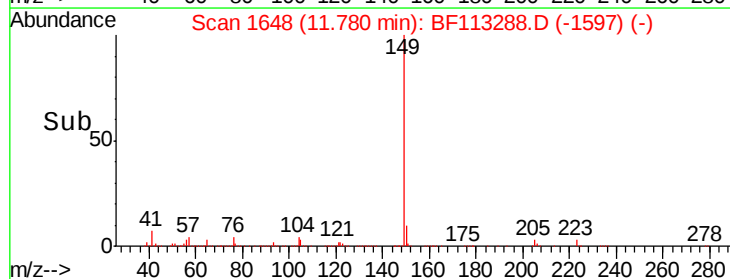
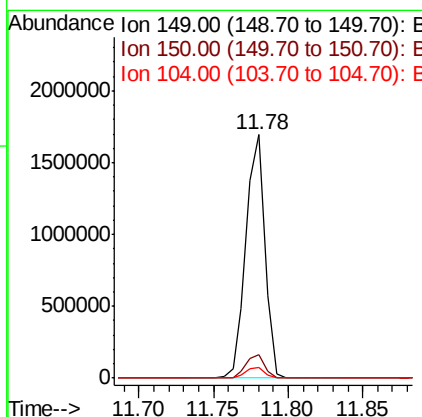
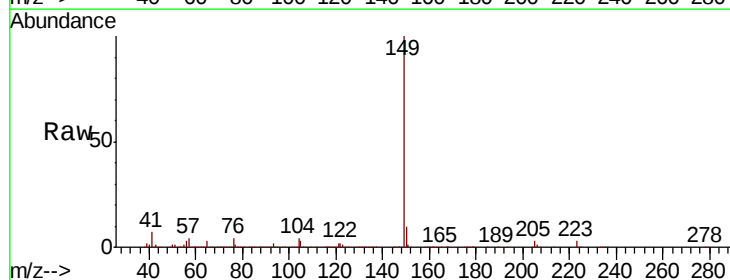
Instrument :
 BNA_F
 ClientSampleId :
 PB118273BS

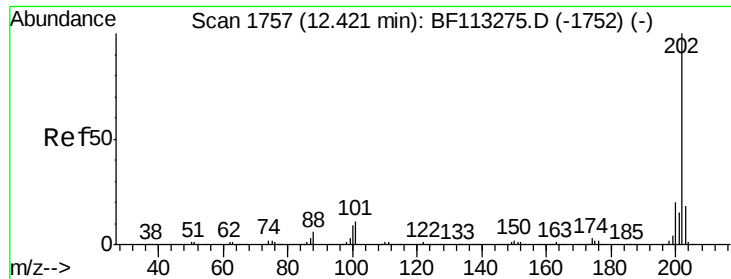
Tgt Ion:167 Resp: 1296069
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.4 26.0
 139 12.9 10.4 15.6



#74
 Di-n-butylphthalate
 Concen: 39.511 ng
 RT: 11.78 min Scan# 1648
 Delta R.T. 0.00 min
 Lab File: BF113288.D
 Acq: 26 Mar 2019 13:23

Tgt Ion:149 Resp: 1503761
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.7 11.5
 104 4.4 3.7 5.5

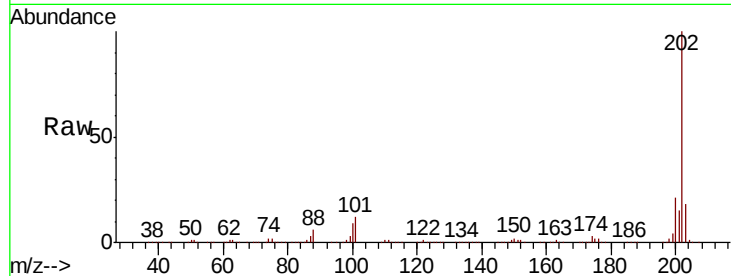




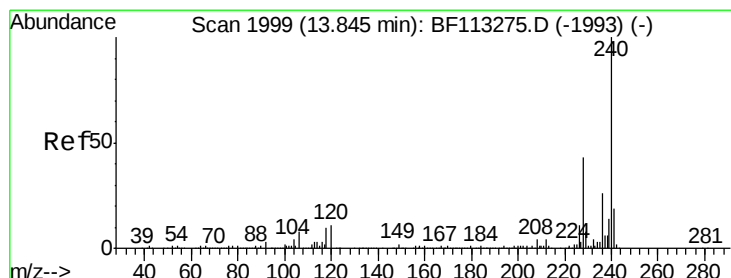
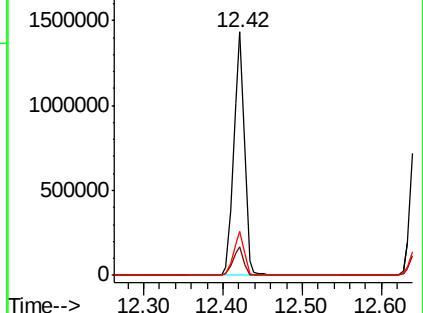
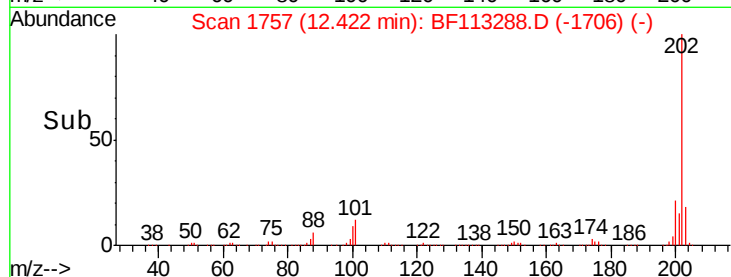
#75
Fluoranthene
Concen: 34.889 ng
RT: 12.42 min Scan# 1757
Delta R.T. 0.00 min
Lab File: BF113288.D
Acq: 26 Mar 2019 13:23

Instrument :
BNA_F
ClientSampleId :
PB118273BS

Tgt Ion: 202 Resp: 1335555
Ion Ratio Lower Upper
202 100
101 11.6 0.0 31.4
203 18.2 0.0 38.0

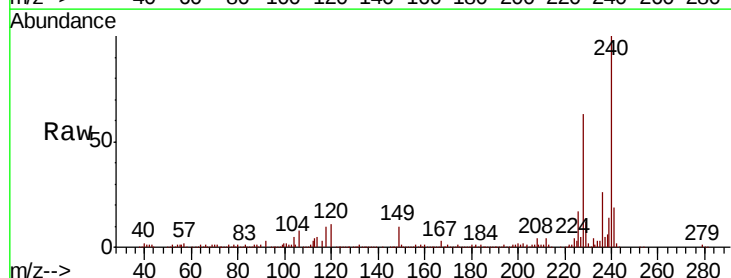


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

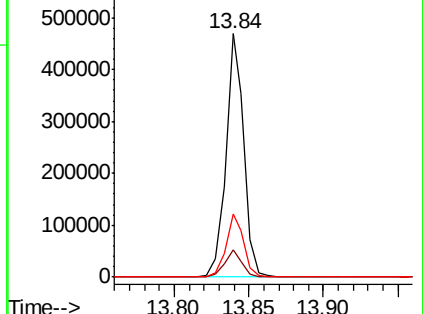
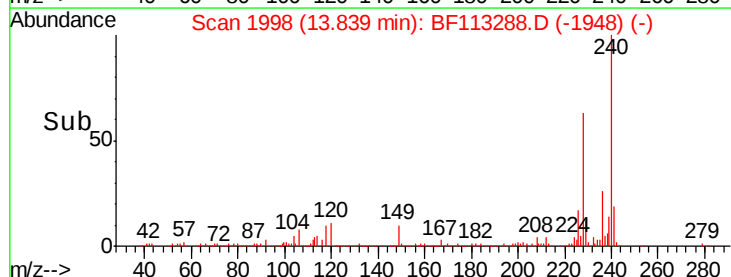


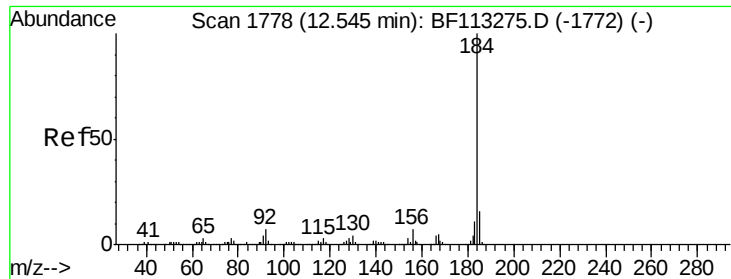
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF113288.D
Acq: 26 Mar 2019 13:23

Tgt Ion: 240 Resp: 396191
Ion Ratio Lower Upper
240 100
120 11.4 8.8 13.2
236 25.9 20.9 31.3



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: 26.457 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.00 min

Lab File: BF113288.D

Acq: 26 Mar 2019 13:23

Instrument :

BNA_F

ClientSampleId :

PB118273BS

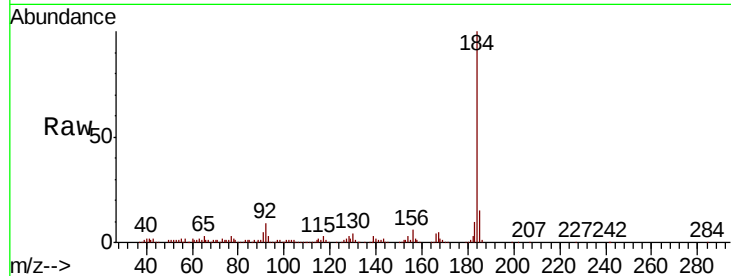
Tgt Ion:184 Resp: 401406

Ion Ratio Lower Upper

184 100

185 15.1 13.0 19.6

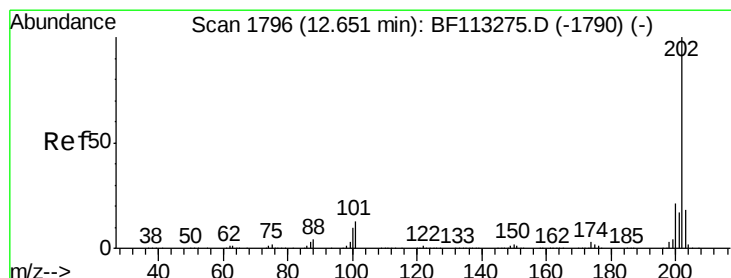
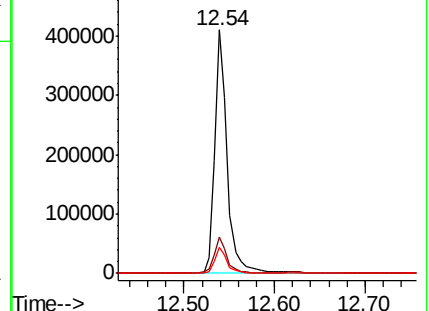
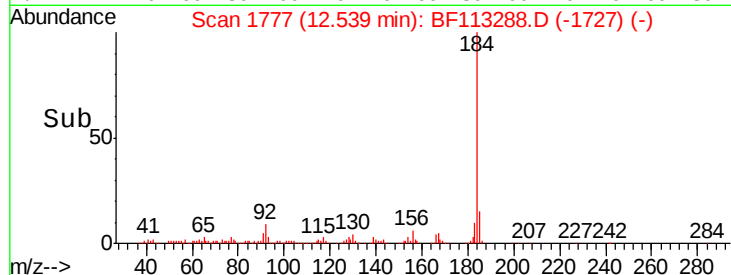
183 10.4 9.0 13.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 48.114 ng

RT: 12.65 min Scan# 1795

Delta R.T. -0.01 min

Lab File: BF113288.D

Acq: 26 Mar 2019 13:23

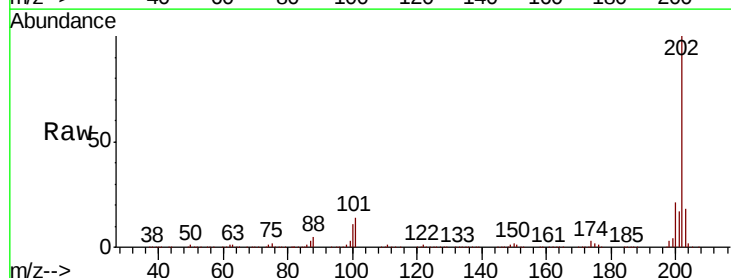
Tgt Ion:202 Resp: 1320966

Ion Ratio Lower Upper

202 100

200 21.1 16.8 25.2

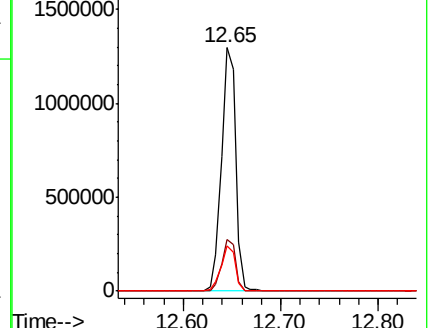
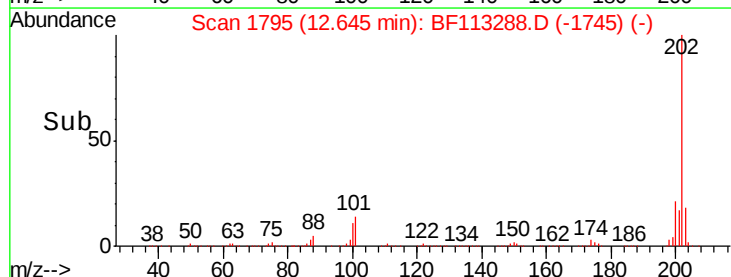
203 18.4 14.4 21.6

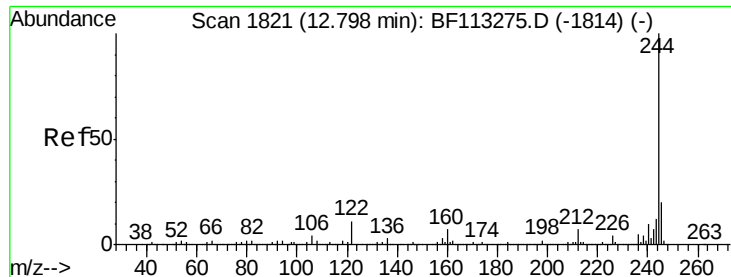


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 91.499 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.00 min

Lab File: BF113288.D

Acq: 26 Mar 2019 13:23

Instrument :

BNA_F

ClientSampleId :

PB118273BS

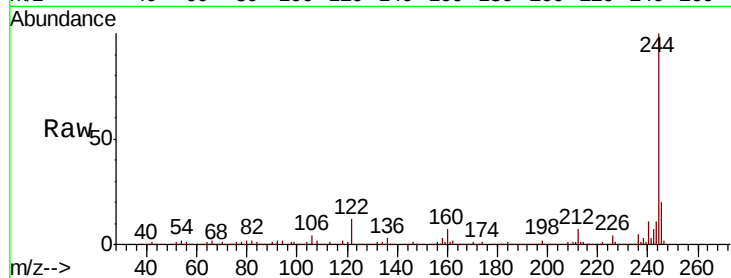
Tgt Ion:244 Resp: 1644668

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

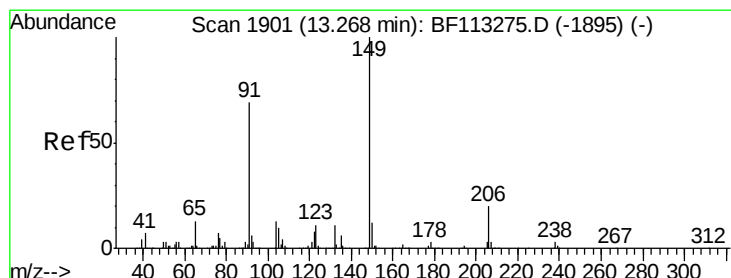
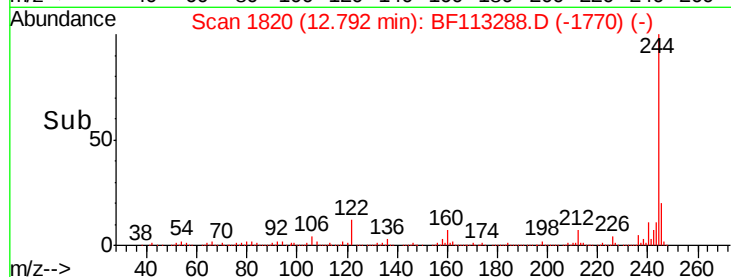
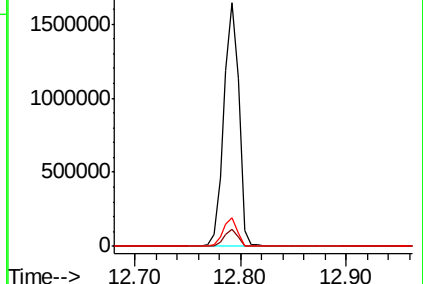
122 11.6 8.6 13.0



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: 44.757 ng

RT: 13.26 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BF113288.D

Acq: 26 Mar 2019 13:23

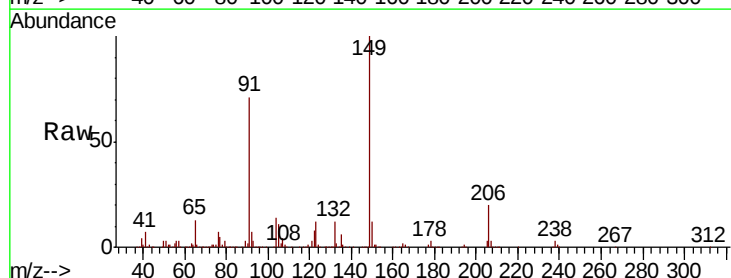
Tgt Ion:149 Resp: 541536

Ion Ratio Lower Upper

149 100

91 70.7 55.2 82.8

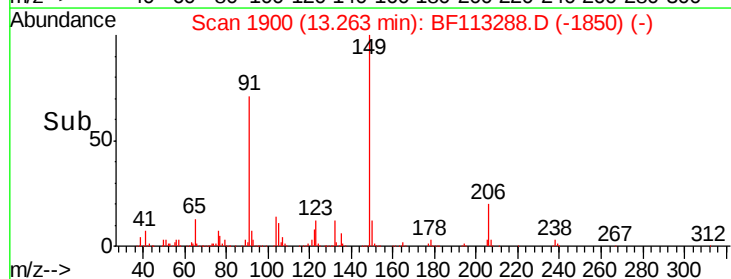
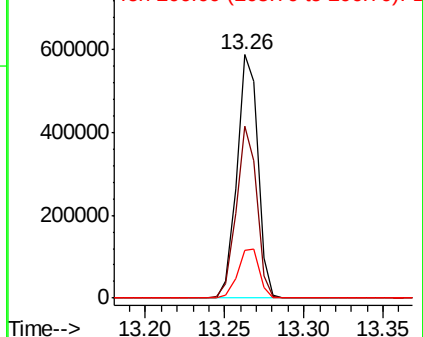
206 19.8 16.1 24.1

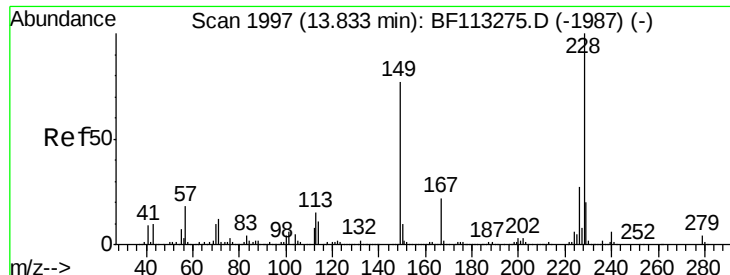


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.573 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF113288.D

Acq: 26 Mar 2019 13:23

Instrument :

BNA_F

ClientSampleId :

PB118273BS

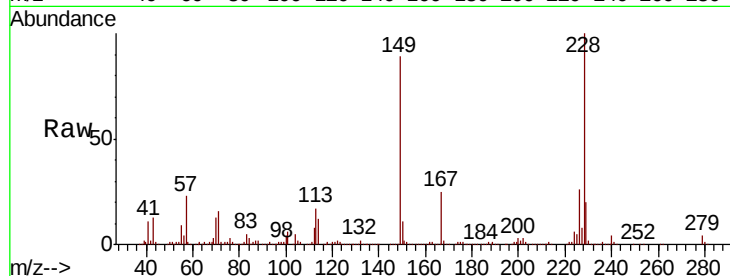
Tgt Ion:228 Resp: 874778

Ion Ratio Lower Upper

228 100

226 26.5 21.8 32.8

229 20.3 16.2 24.4

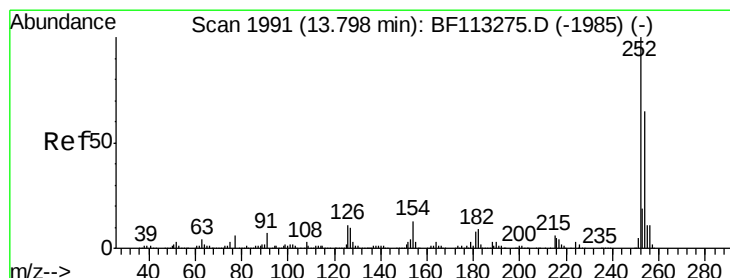
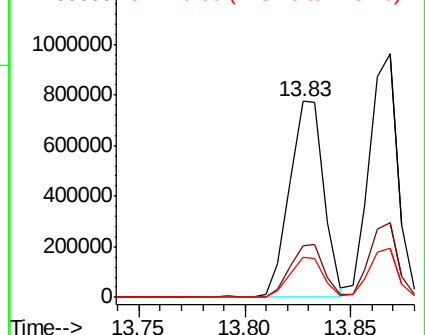
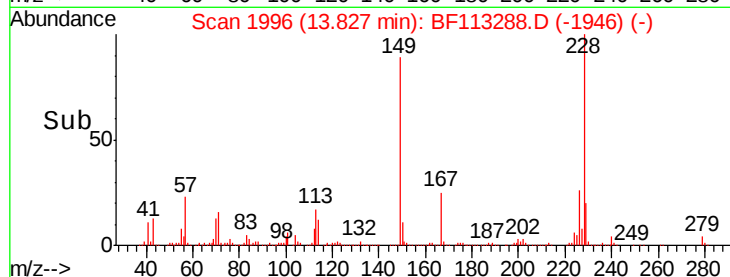


Abundance

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: 28.782 ng

RT: 13.79 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BF113288.D

Acq: 26 Mar 2019 13:23

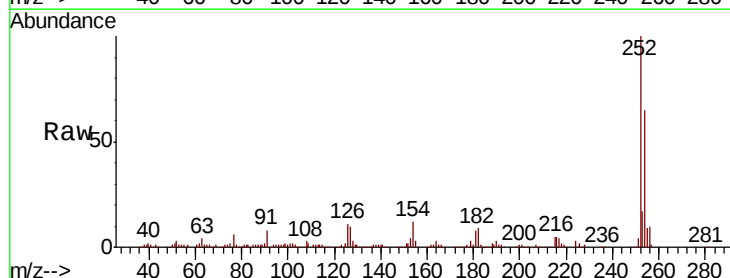
Tgt Ion:252 Resp: 261854

Ion Ratio Lower Upper

252 100

254 64.8 52.2 78.2

126 10.6 8.5 12.7

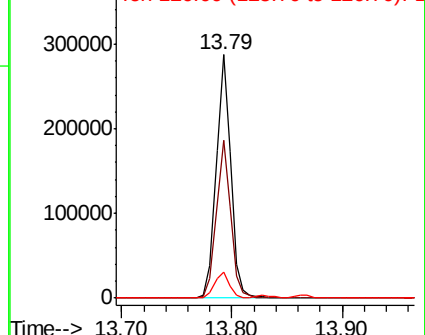
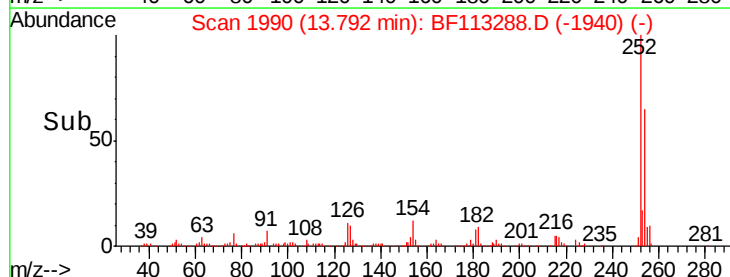


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.397 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF113288.D

Acq: 26 Mar 2019 13:23

Instrument :

BNA_F

ClientSampleId :

PB118273BS

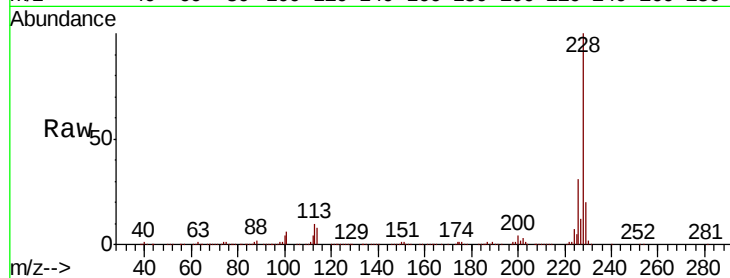
Tgt Ion:228 Resp: 907521

Ion Ratio Lower Upper

228 100

226 30.5 24.3 36.5

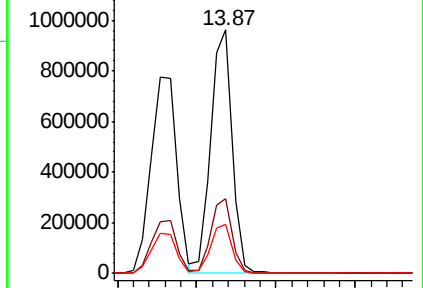
229 20.1 16.3 24.5



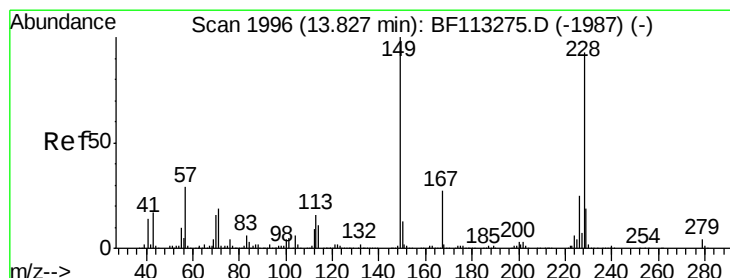
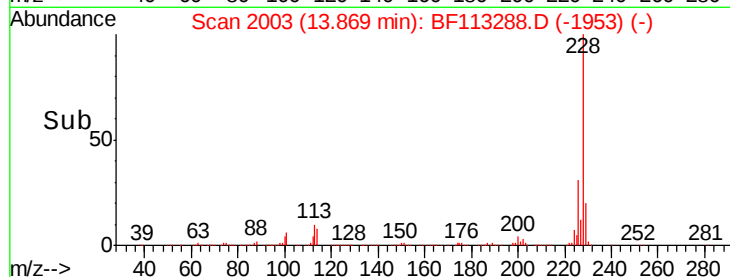
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time--> 13.80 13.85 13.90 13.95



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.481 ng

RT: 13.83 min Scan# 1996

Delta R.T. 0.00 min

Lab File: BF113288.D

Acq: 26 Mar 2019 13:23

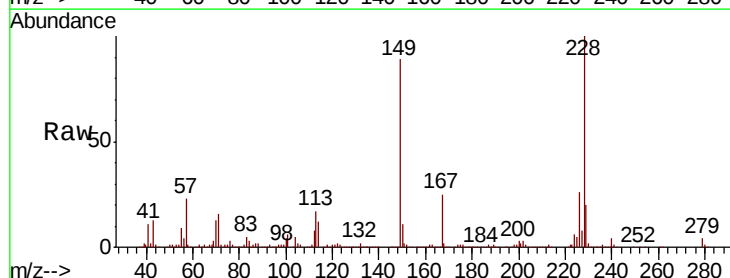
Tgt Ion:149 Resp: 600450

Ion Ratio Lower Upper

149 100

167 28.3 21.8 32.8

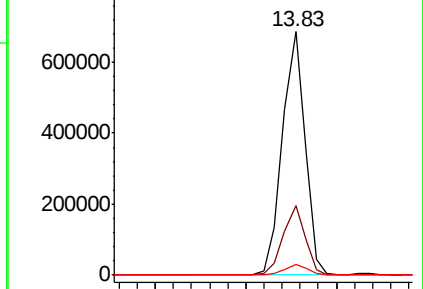
279 4.2 2.9 4.3



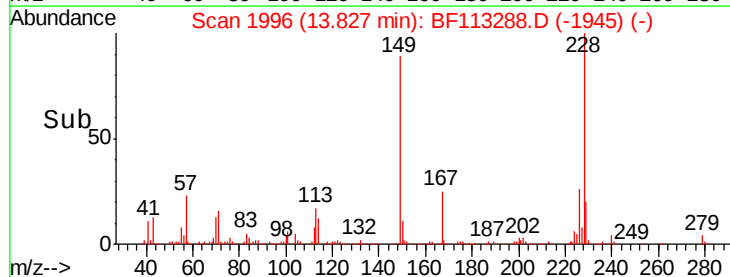
Abundance Ion 149.00 (148.70 to 149.70): E

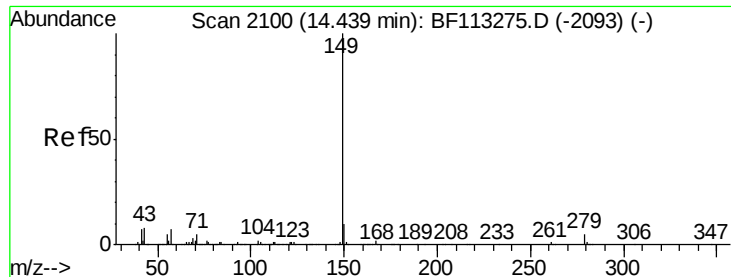
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time--> 13.75 13.80 13.85





#85

Di-n-octyl phthalate

Concen: 39.764 ng

RT: 14.43 min Scan# 2099

Delta R.T. -0.01 min

Lab File: BF113288.D

Acq: 26 Mar 2019 13:23

Instrument :

BNA_F

ClientSampleId :

PB118273BS

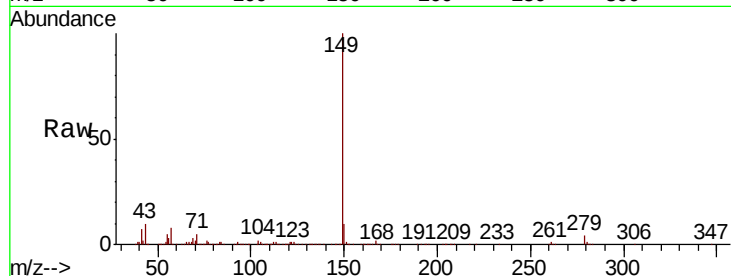
Tgt Ion:149 Resp: 1001168

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

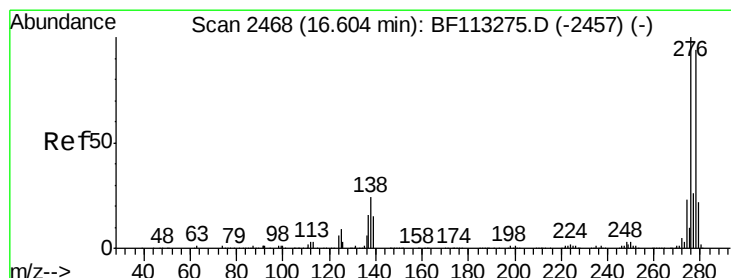
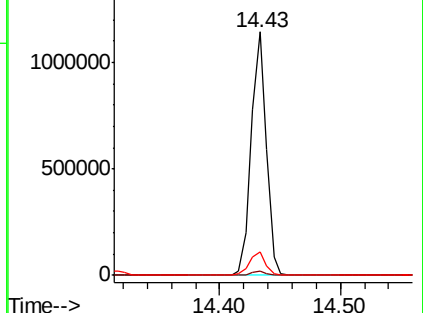
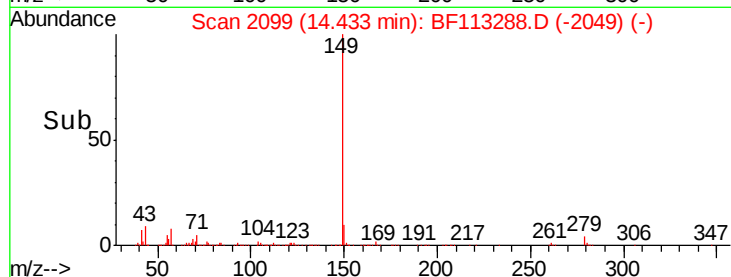
43 9.7 7.7 11.5



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: 52.581 ng

RT: 16.60 min Scan# 2467

Delta R.T. -0.01 min

Lab File: BF113288.D

Acq: 26 Mar 2019 13:23

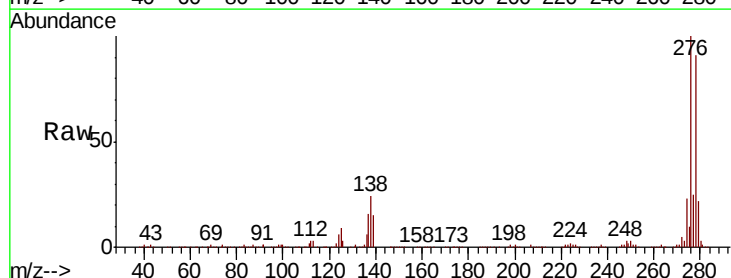
Tgt Ion:276 Resp: 1039501

Ion Ratio Lower Upper

276 100

138 24.0 18.1 27.1

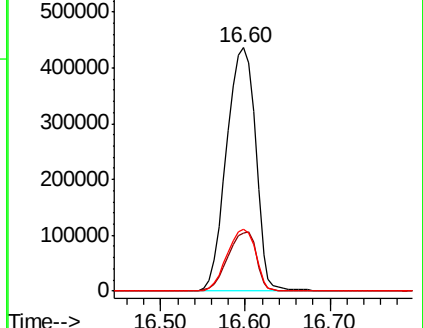
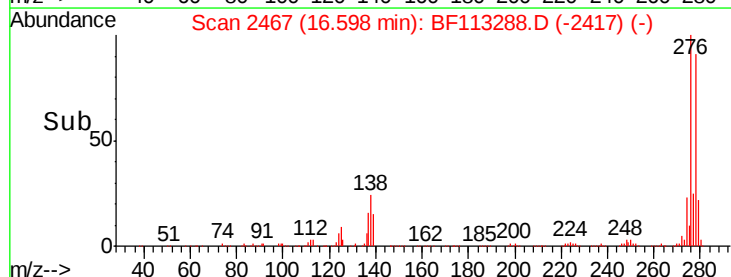
277 25.2 20.2 30.4

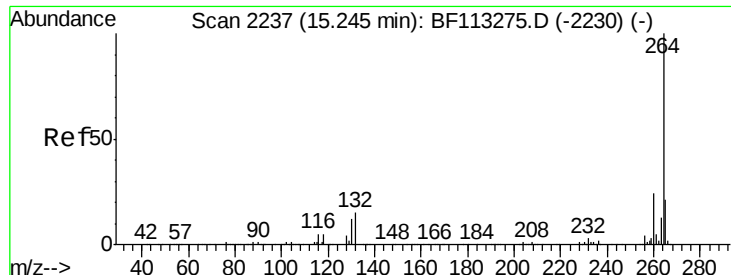


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

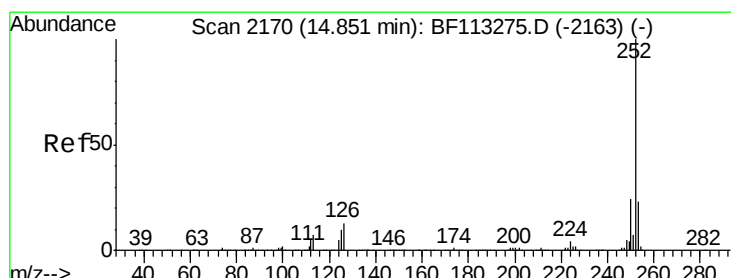
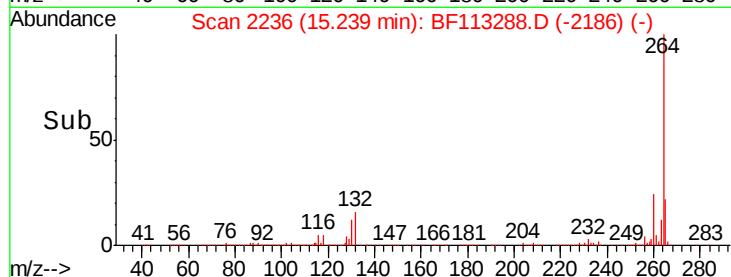
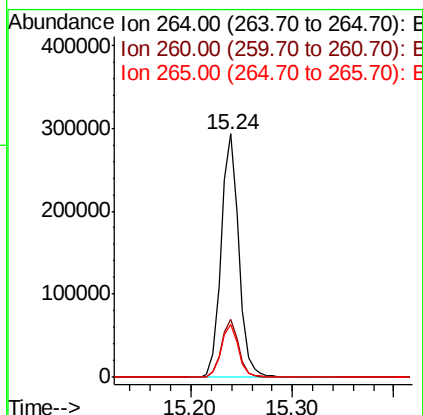
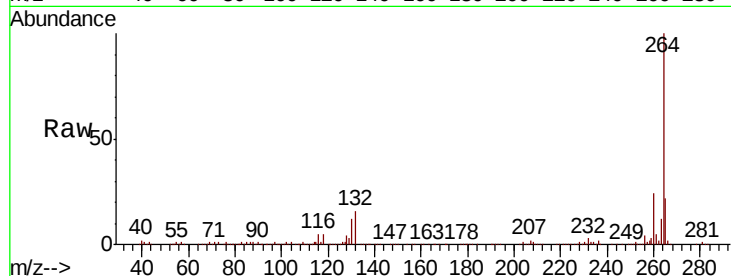




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.01 min
Lab File: BF113288.D
Acq: 26 Mar 2019 13:23

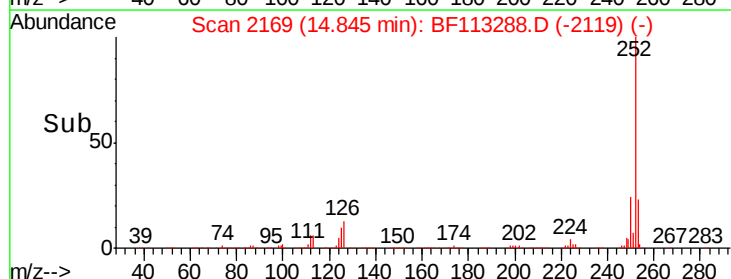
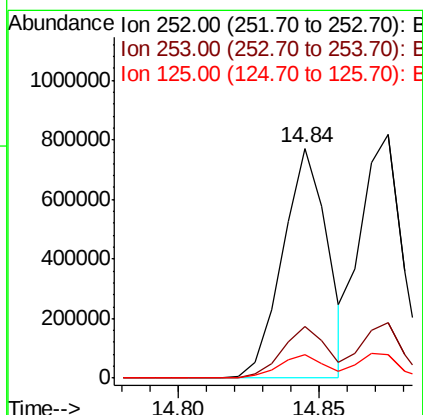
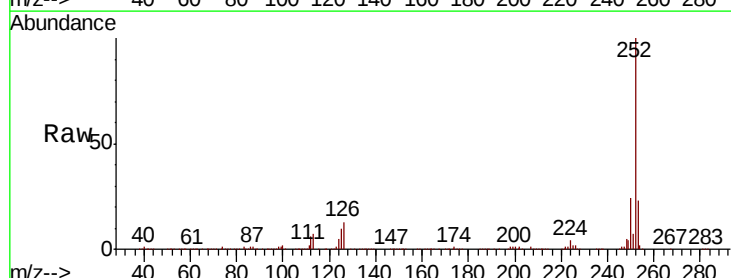
Instrument :
BNA_F
ClientSampleId :
PB118273BS

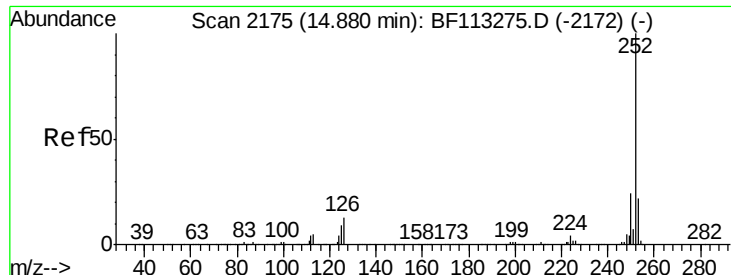
Tgt Ion: 264 Resp: 353798
Ion Ratio Lower Upper
264 100
260 24.1 19.1 28.7
265 21.7 17.1 25.7



#88
Benzo(b)fluoranthene
Concen: 38.722 ng
RT: 14.84 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF113288.D
Acq: 26 Mar 2019 13:23

Tgt Ion: 252 Resp: 851016
Ion Ratio Lower Upper
252 100
253 22.6 18.0 27.0
125 10.3 7.6 11.4

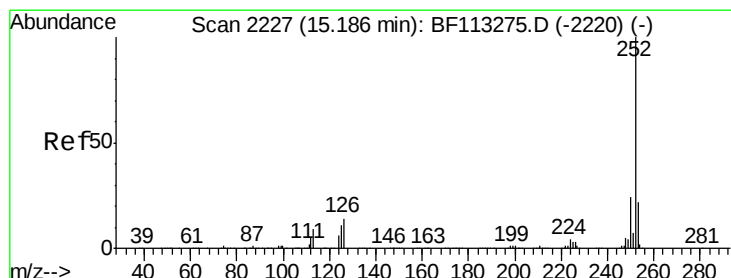
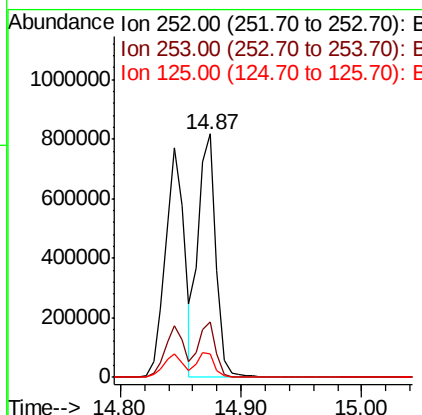
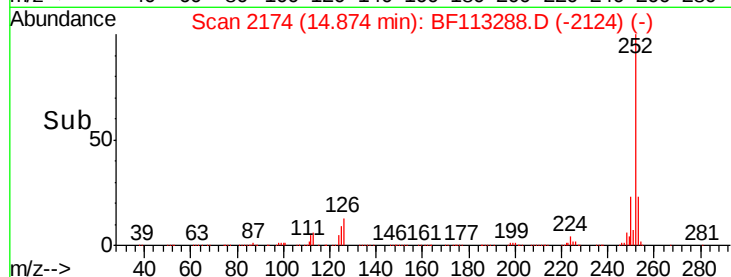
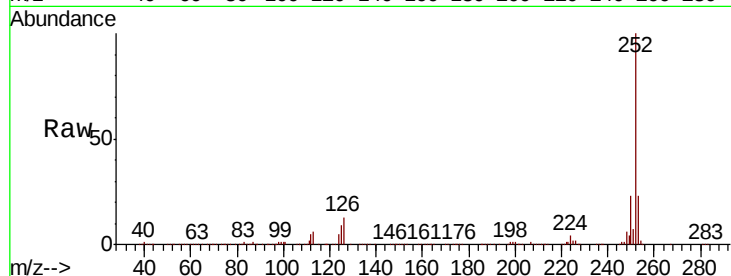




#89
Benzo(k)fluoranthene
Concen: 43.238 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BF113288.D
Acq: 26 Mar 2019 13:23

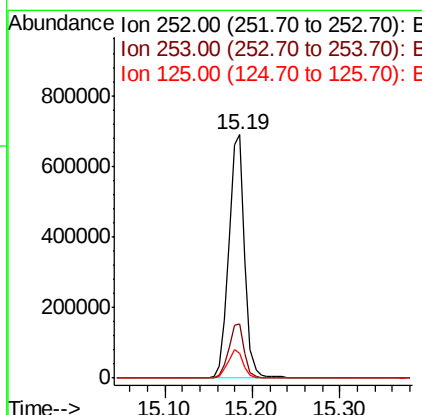
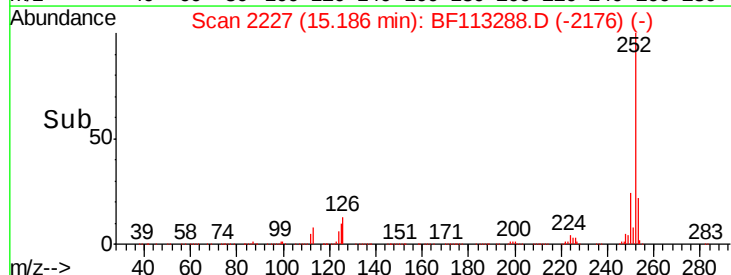
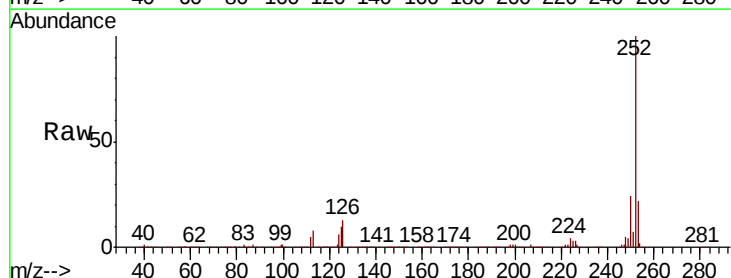
Instrument :
BNA_F
ClientSampleId :
PB118273BS

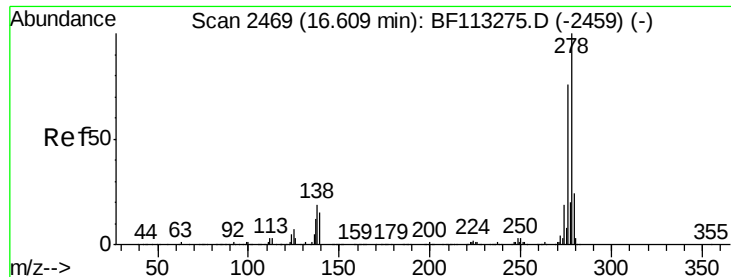
Tgt Ion:252 Resp: 834522
Ion Ratio Lower Upper
252 100
253 22.6 17.7 26.5
125 9.5 7.3 10.9



#90
Benzo(a)pyrene
Concen: 44.151 ng
RT: 15.19 min Scan# 2227
Delta R.T. 0.00 min
Lab File: BF113288.D
Acq: 26 Mar 2019 13:23

Tgt Ion:252 Resp: 860240
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 10.3 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 51.890 ng

RT: 16.61 min Scan# 2469

Delta R.T. 0.00 min

Lab File: BF113288.D

Acq: 26 Mar 2019 13:23

Instrument :

BNA_F

ClientSampleId :

PB118273BS

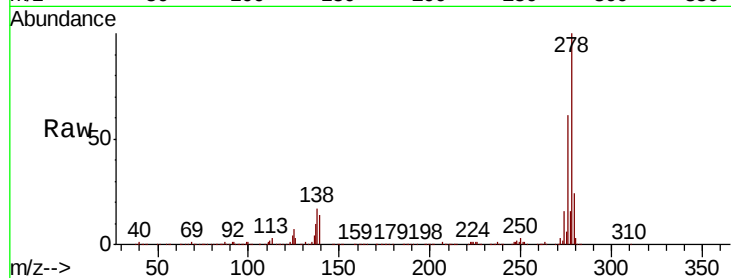
Tgt Ion:278 Resp: 874209

Ion Ratio Lower Upper

278 100

139 13.8 12.0 18.0

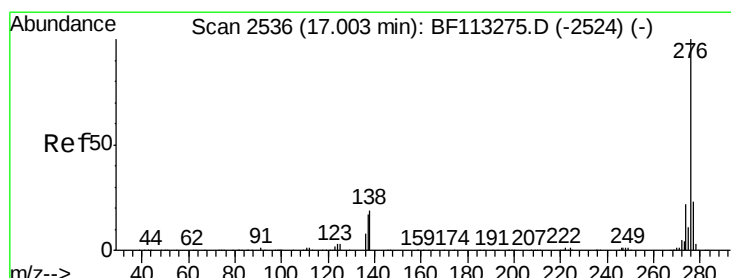
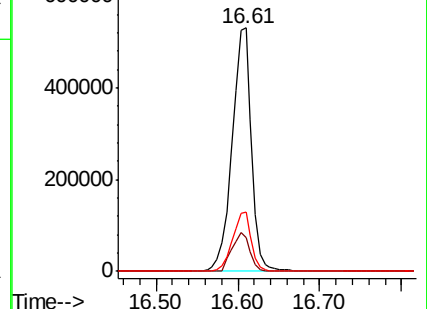
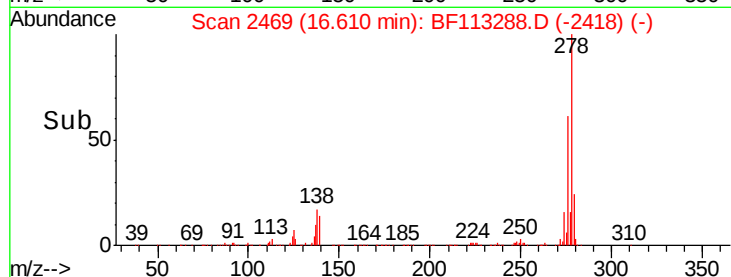
279 24.2 19.0 28.6



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: 54.022 ng

RT: 17.00 min Scan# 2535

Delta R.T. -0.01 min

Lab File: BF113288.D

Acq: 26 Mar 2019 13:23

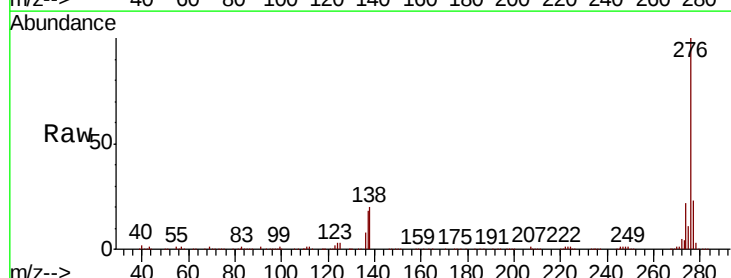
Tgt Ion:276 Resp: 917670

Ion Ratio Lower Upper

276 100

277 23.4 18.8 28.2

138 20.2 15.6 23.4



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

