

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF013019\
 Data File : BF112338.D
 Acq On : 30 Jan 2019 23:01
 Operator : JU/SJ
 Sample : PB116708BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB116708BS

Quant Time: Jan 30 23:46:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	149155	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	569223	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	271147	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	480178	20.00	ng	0.00
76) Chrysene-d12	14.00	240	355328	20.00	ng	0.00
87) Perylene-d12	15.47	264	357758	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	584637	83.26	ng	0.00
7) Phenol-d6	6.49	99	715752	73.35	ng	0.00
23) Nitrobenzene-d5	7.40	82	669906	67.81	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	205669	65.17	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1373095	71.62	ng	-0.01
79) Terphenyl-d14	12.94	244	1140483	60.45	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.67	88	114655	40.987	ng	95
3) Pyridine	3.42	79	305468	42.929	ng	98
4) n-Nitrosodimethylamine	3.37	42	138622	46.369	ng	94
6) Aniline	6.50	93	224203	19.316	ng	# 25
8) 2-Chlorophenol	6.63	128	340894	36.086	ng	95
9) Benzaldehyde	6.39	77	217911	42.727	ng	99
10) Phenol	6.50	94	377938	35.304	ng	93
11) bis(2-Chloroethyl)ether	6.57	93	291534	34.591	ng	98
12) 1,3-Dichlorobenzene	6.78	146	373925	33.988	ng	98
13) 1,4-Dichlorobenzene	6.85	146	386436	34.130	ng	97
14) 1,2-Dichlorobenzene	7.01	146	360153	33.974	ng	98
15) Benzyl Alcohol	6.98	79	272334	33.109	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.11	45	375161	34.669	ng	61
17) 2-Methylphenol	7.10	107	255578	34.129	ng	# 91
18) Hexachloroethane	7.35	117	130617	32.852	ng	98
19) n-Nitroso-di-n-propylamine	7.25	70	224572	33.377	ng	99
20) 3+4-Methylphenols	7.26	107	337749	35.270	ng	# 63
22) Acetophenone	7.25	105	455577	32.868	ng	# 95
24) Nitrobenzene	7.42	77	331576	33.607	ng	98
25) Isophorone	7.66	82	587450	37.905	ng	98
26) 2-Nitrophenol	7.74	139	172477	32.712	ng	97
27) 2,4-Dimethylphenol	7.78	122	285048	39.239	ng	95
28) bis(2-Chloroethoxy)methane	7.86	93	376453	35.674	ng	98
29) 2,4-Dichlorophenol	7.99	162	280947	34.559	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	320048	34.250	ng	98
31) Naphthalene	8.14	128	978410	36.756	ng	99
32) Benzoic acid	7.90	122	82905	20.007	ng	96
33) 4-Chloroaniline	8.19	127	156060	13.464	ng	97
34) Hexachlorobutadiene	8.26	225	177537	32.376	ng	98
35) Caprolactam	8.55	113	83299	29.046	ng	95
36) 4-Chloro-3-methylphenol	8.69	107	282729	32.853	ng	98
37) 2-Methylnaphthalene	8.83	142	678824	37.251	ng	98
38) 1-Methylnaphthalene	8.93	142	628208	35.966	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	309935	34.814	ng	99

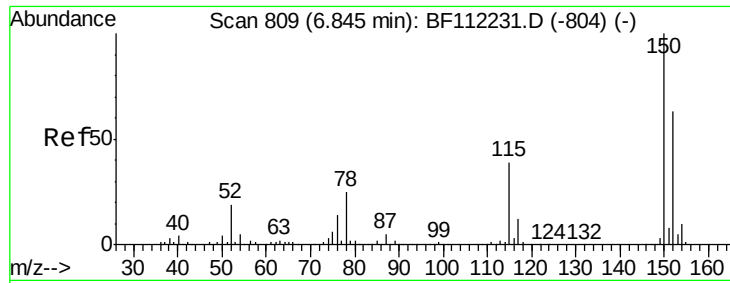
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF013019\
 Data File : BF112338.D
 Acq On : 30 Jan 2019 23:01
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 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	95323	34.400	ng	97
43) 2,4,6-Trichlorophenol	9.12	196	184282	33.581	ng	98
44) 2,4,5-Trichlorophenol	9.17	196	192700	33.598	ng	98
46) 1,1'-Biphenyl	9.29	154	825388	34.820	ng	99
47) 2-Chloronaphthalene	9.32	162	627119	34.116	ng	96
48) 2-Nitroaniline	9.42	65	170386	34.008	ng	99
49) Acenaphthylene	9.74	152	979041	36.338	ng	98
50) Dimethylphthalate	9.59	163	735881	34.931	ng	99
51) 2,6-Dinitrotoluene	9.66	165	158330	33.558	ng #	85
52) Acenaphthene	9.91	154	564171	35.053	ng	99
53) 3-Nitroaniline	9.83	138	103060	20.162	ng	94
54) 2,4-Dinitrophenol	9.95	184	24448	16.146	ng	92
55) Dibenzofuran	10.08	168	851159	34.606	ng	97
56) 4-Nitrophenol	10.01	139	148954	55.119	ng	91
57) 2,4-Dinitrotoluene	10.07	165	206937	34.452	ng #	92
58) Fluorene	10.42	166	669596	36.380	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.20	232	146616	33.827	ng	96
60) Diethylphthalate	10.29	149	728831	34.862	ng	98
61) 4-Chlorophenyl-phenylether	10.41	204	334318	33.391	ng	94
62) 4-Nitroaniline	10.45	138	157862	31.486	ng	96
63) Azobenzene	10.57	77	616913	33.552	ng	99
65) 4,6-Dinitro-2-methylphenol	10.48	198	36855	13.690	ng	92
66) n-Nitrosodiphenylamine	10.53	169	599642	37.053	ng	99
67) 4-Bromophenyl-phenylether	10.90	248	200258	35.459	ng	96
68) Hexachlorobenzene	10.98	284	209999	34.658	ng	95
69) Atrazine	11.06	200	190254	36.434	ng	97
70) Pentachlorophenol	11.17	266	111139	47.140	ng	98
71) Phenanthrene	11.39	178	921581	36.917	ng	98
72) Anthracene	11.44	178	969924	39.004	ng	99
73) Carbazole	11.59	167	828662	33.782	ng	99
74) Di-n-butylphthalate	11.92	149	1082213	35.544	ng	99
75) Fluoranthene	12.57	202	917364	34.262	ng	98
77) Benzidine	12.69	184	374483	38.291	ng	95
78) Pyrene	12.80	202	902304	36.678	ng	98
80) Butylbenzylphthalate	13.41	149	412414	34.650	ng	95
81) Benzo(a)anthracene	13.99	228	770584	36.891	ng	98
82) 3,3'-Dichlorobenzidine	13.95	252	178878	22.882	ng	99
83) Chrysene	14.03	228	734727	36.849	ng	98
84) Bis(2-ethylhexyl)phthalate	13.97	149	577657	34.191	ng	98
85) Di-n-octyl phthalate	14.58	149	910729	35.036	ng	98
86) Indeno(1,2,3-cd)pyrene	16.95	276	781701	49.478	ng	98
88) Benzo(b)fluoranthene	15.04	252	777367	36.333	ng	99
89) Benzo(k)fluoranthene	15.07	252	723197	35.288	ng	98
90) Benzo(a)pyrene	15.41	252	740636	38.471	ng	98
91) Dibenzo(a,h)anthracene	16.96	278	669160	43.128	ng	97
92) Benzo(g,h,i)perylene	17.39	276	633492	43.276	ng	97

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

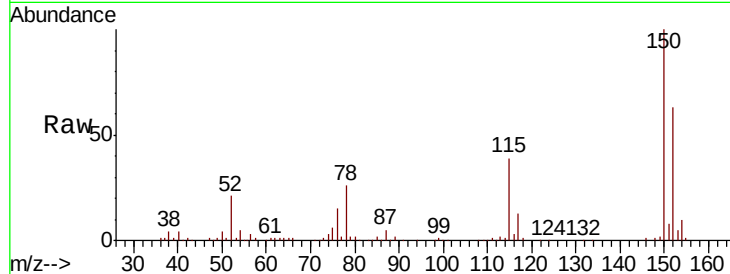


#1

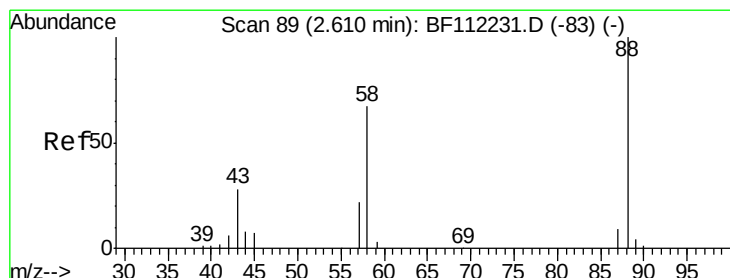
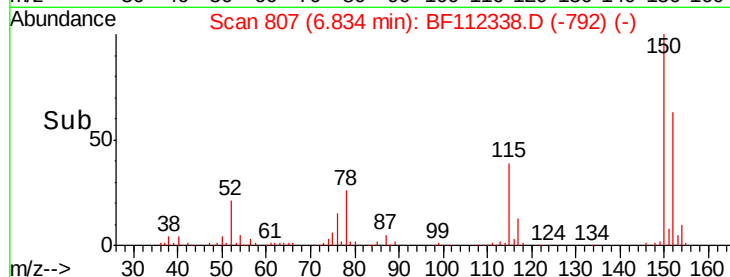
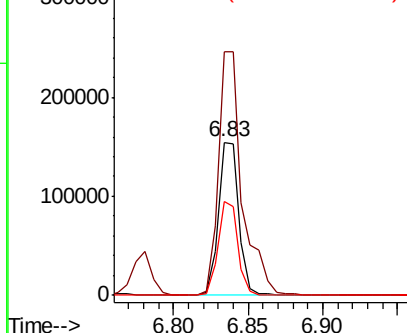
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112338.D
Acq: 30 Jan 2019 23:01

Instrument :
BNA_F
ClientSampleId :
PB116708BS

Tgt Ion: 152 Resp: 149155
Ion Ratio Lower Upper
152 100
150 159.2 127.4 191.0
115 61.7 45.5 68.3



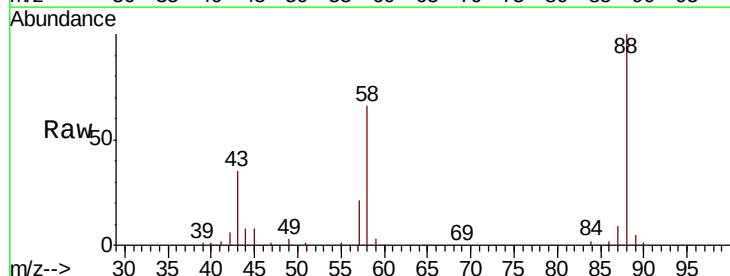
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



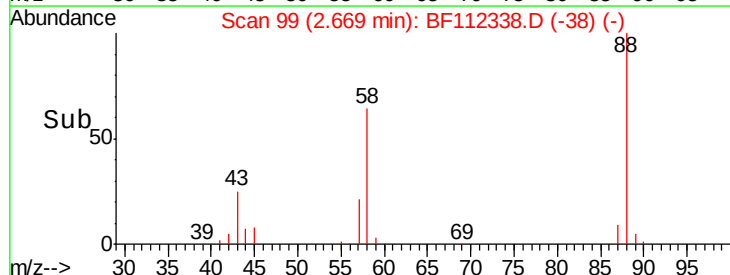
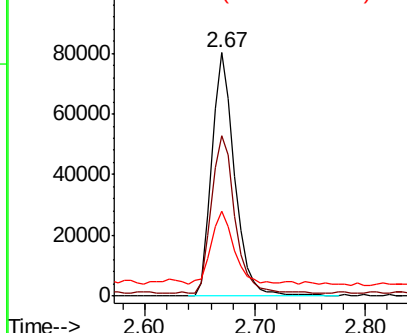
#2

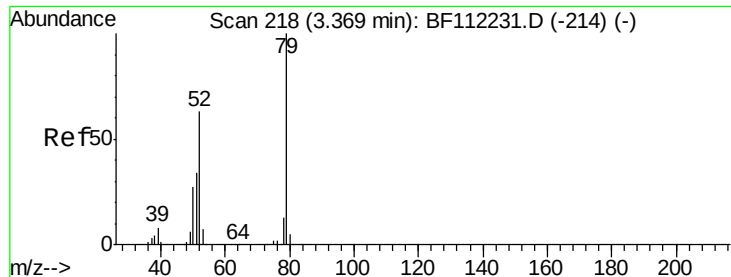
1,4-Dioxane
Concen: 40.987 ng
RT: 2.67 min Scan# 99
Delta R.T. 0.06 min
Lab File: BF112338.D
Acq: 30 Jan 2019 23:01

Tgt Ion: 88 Resp: 114655
Ion Ratio Lower Upper
88 100
58 66.5 57.4 86.2
43 29.2 22.2 33.4



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

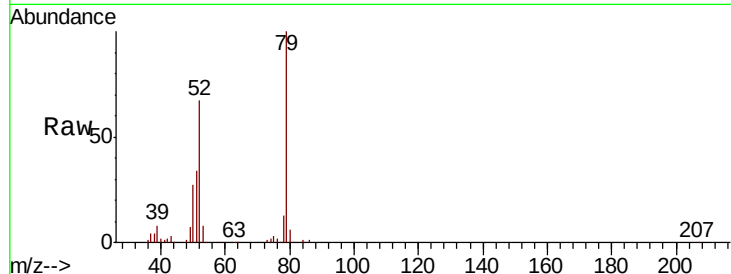




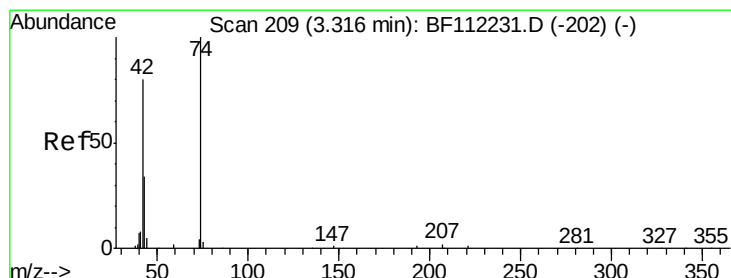
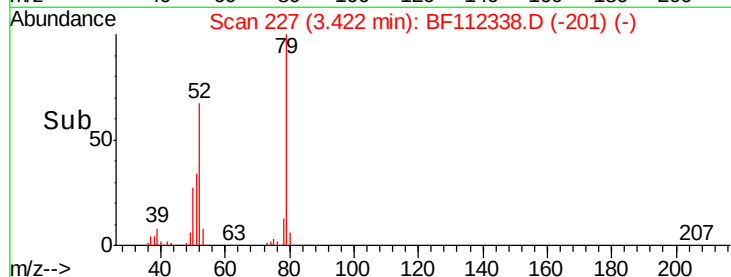
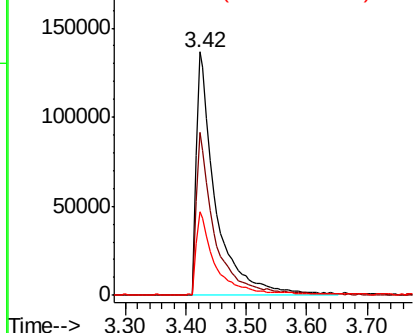
#3
 Pyridine
 Concen: 42.929 ng
 RT: 3.42 min Scan# 227
 Delta R.T. 0.05 min
 Lab File: BF112338.D
 Acq: 30 Jan 2019 23:01

Instrument :
 BNA_F
 ClientSampleId :
 PB116708BS

Tgt Ion: 79 Resp: 305468
 Ion Ratio Lower Upper
 79 100
 52 66.8 52.4 78.6
 51 34.3 26.1 39.1

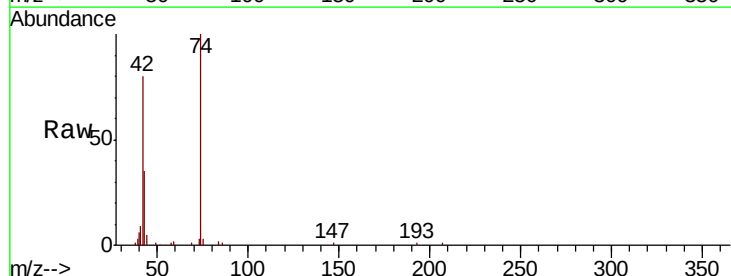


Abundance Ion 79.00 (78.70 to 79.70): BF1
 Ion 52.00 (51.70 to 52.70): BF1
 Ion 51.00 (50.70 to 51.70): BF1

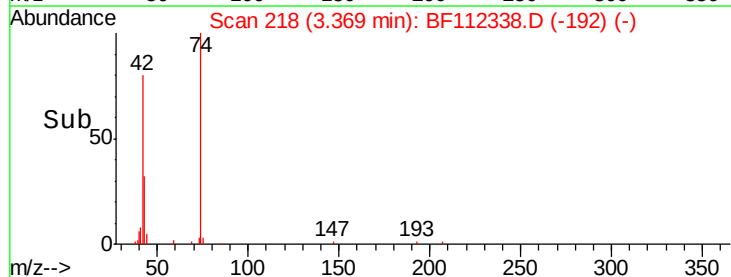
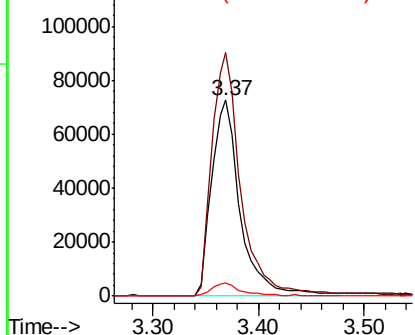


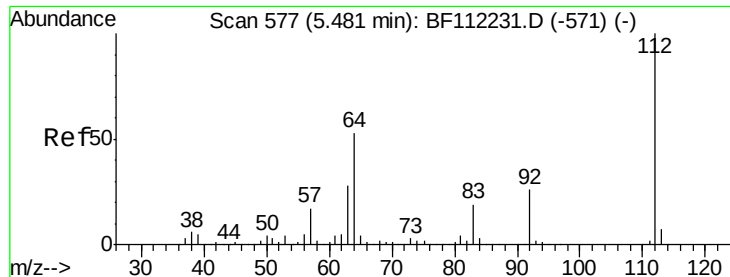
#4
 n-Nitrosodimethylamine
 Concen: 46.369 ng
 RT: 3.37 min Scan# 218
 Delta R.T. 0.05 min
 Lab File: BF112338.D
 Acq: 30 Jan 2019 23:01

Tgt Ion: 42 Resp: 138622
 Ion Ratio Lower Upper
 42 100
 74 124.3 105.6 158.4
 44 6.7 5.4 8.2



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: 83.256 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.00 min

Lab File: BF112338.D

Acq: 30 Jan 2019 23:01

Instrument :

BNA_F

ClientSampleId :

PB116708BS

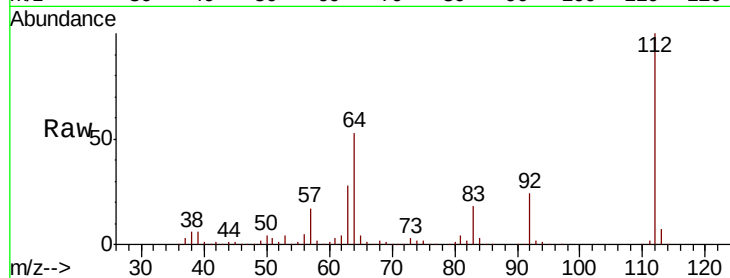
Tgt Ion: 112 Resp: 584637

Ion Ratio Lower Upper

112 100

64 52.6 45.7 68.5

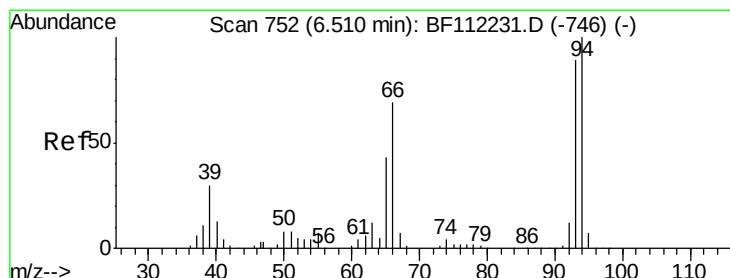
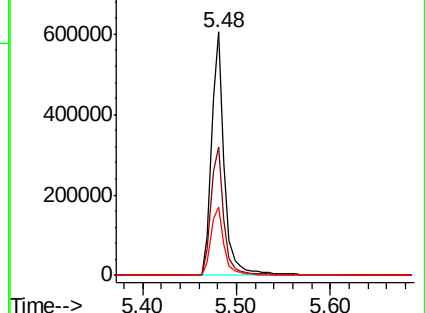
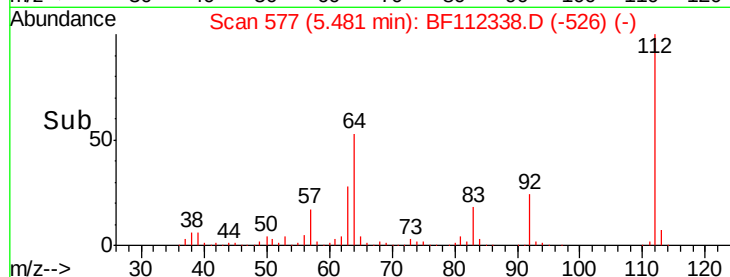
63 28.2 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 19.316 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112338.D

Acq: 30 Jan 2019 23:01

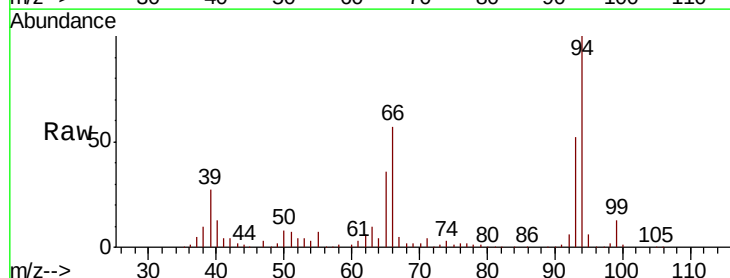
Tgt Ion: 93 Resp: 224203

Ion Ratio Lower Upper

93 100

66 110.0 43.4 65.2#

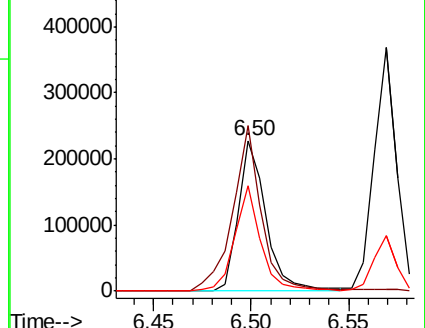
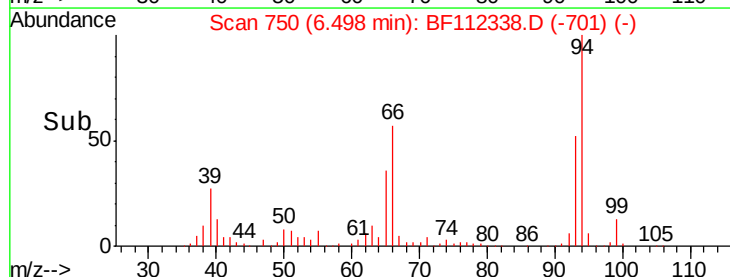
65 70.5 25.3 37.9#

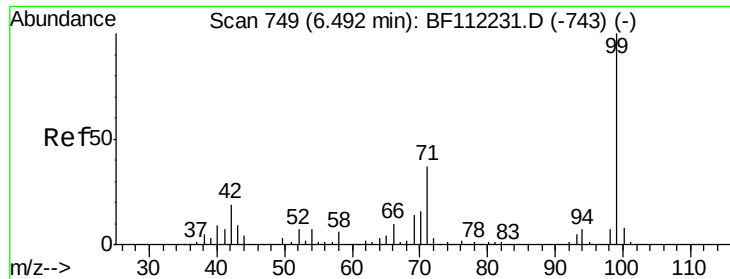


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 73.353 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112338.D

Acq: 30 Jan 2019 23:01

Instrument :

BNA_F

ClientSampleId :

PB116708BS

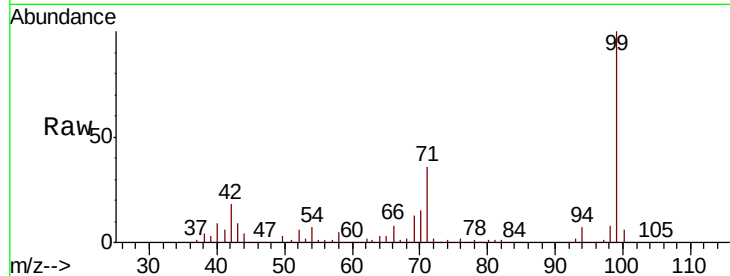
Tgt Ion: 99 Resp: 715752

Ion Ratio Lower Upper

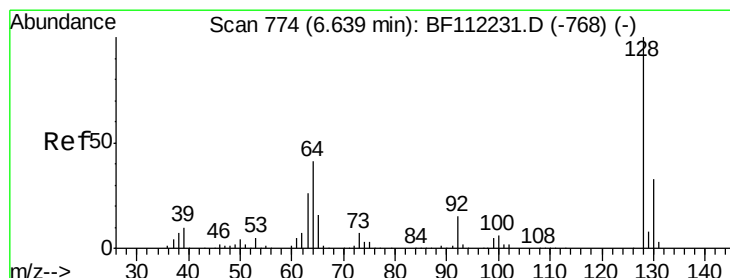
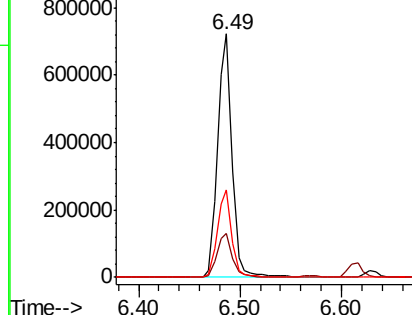
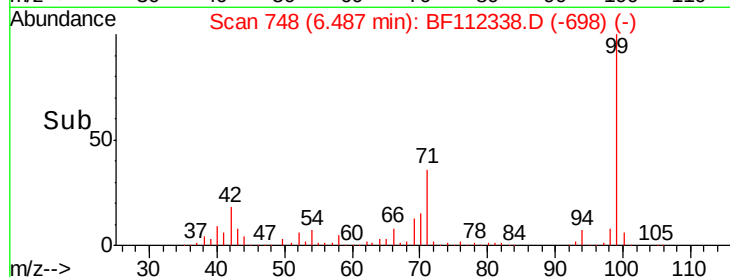
99 100

42 18.0 15.1 22.7

71 35.7 26.9 40.3



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: 36.086 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF112338.D

Acq: 30 Jan 2019 23:01

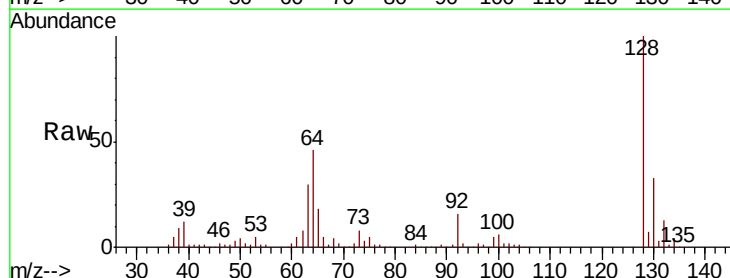
Tgt Ion: 128 Resp: 340894

Ion Ratio Lower Upper

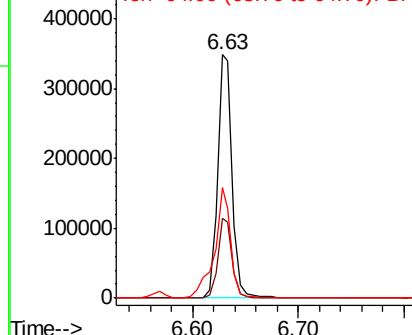
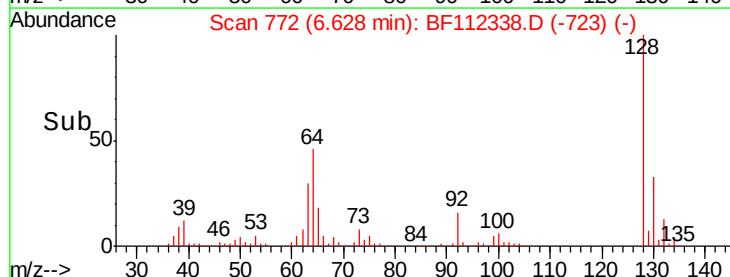
128 100

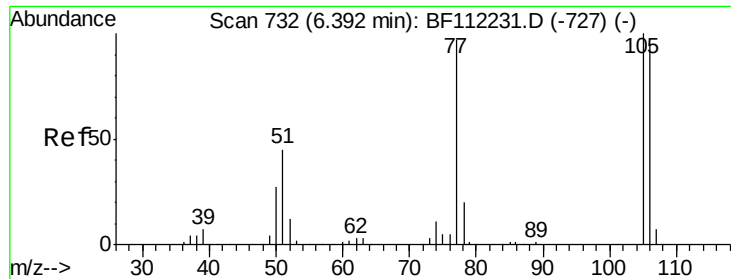
130 32.9 13.4 53.4

64 45.6 20.5 60.5



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: 42.727 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF112338.D

Acq: 30 Jan 2019 23:01

Instrument :

BNA_F

ClientSampleId :

PB116708BS

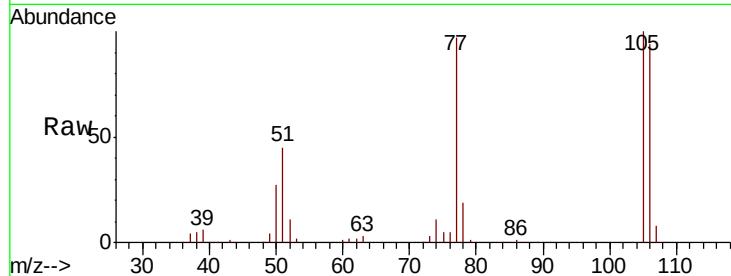
Tgt Ion: 77 Resp: 217911

Ion Ratio Lower Upper

77 100

105 103.0 80.8 120.8

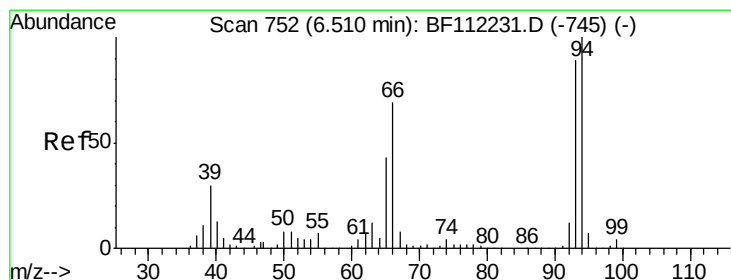
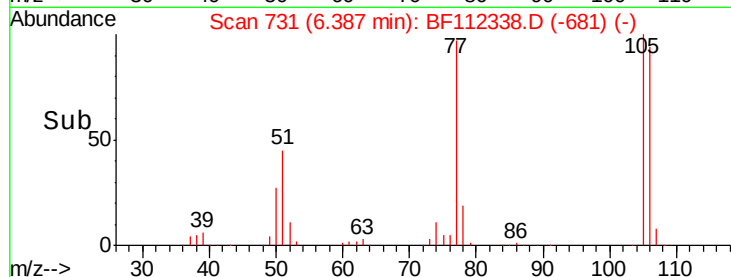
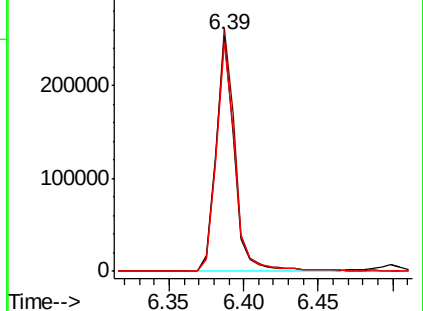
106 96.4 75.7 115.7



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 35.304 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112338.D

Acq: 30 Jan 2019 23:01

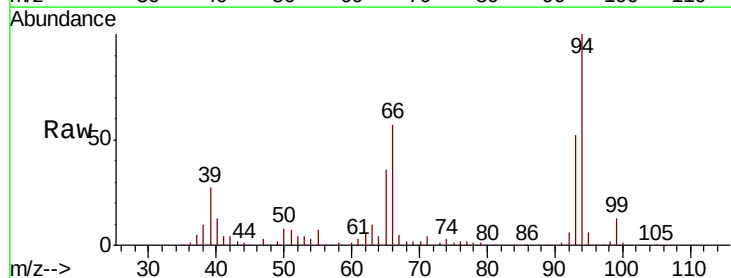
Tgt Ion: 94 Resp: 377938

Ion Ratio Lower Upper

94 100

65 36.3 20.3 60.3

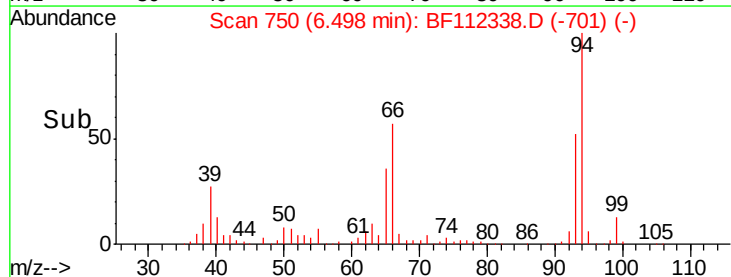
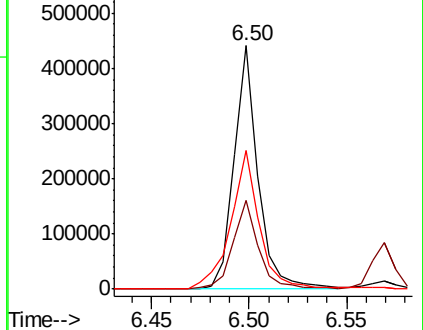
66 56.7 42.4 82.4

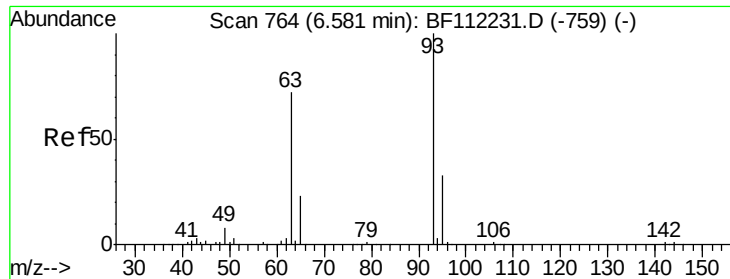


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 34.591 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF112338.D

Acq: 30 Jan 2019 23:01

Instrument :

BNA_F

ClientSampleId :

PB116708BS

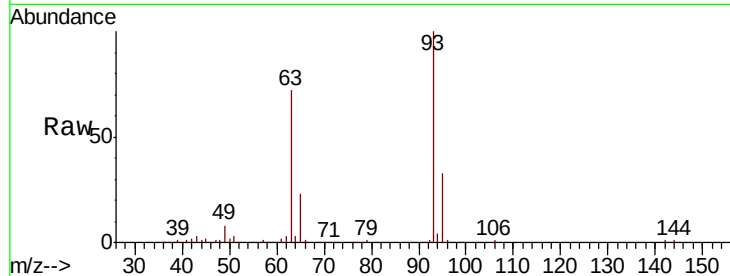
Tgt Ion: 93 Resp: 291534

Ion Ratio Lower Upper

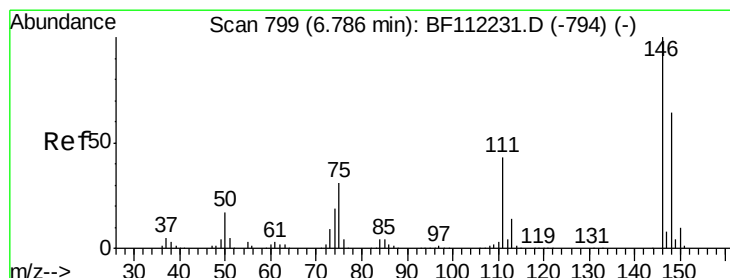
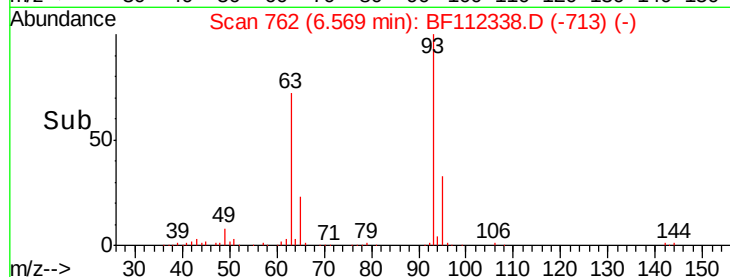
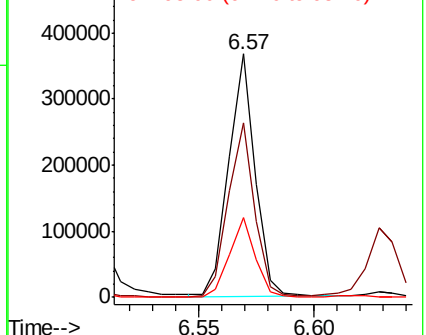
93 100

63 71.6 53.3 93.3

95 32.9 13.4 53.4



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



#12

1,3-Dichlorobenzene

Concen: 33.988 ng

RT: 6.78 min Scan# 798

Delta R.T. -0.01 min

Lab File: BF112338.D

Acq: 30 Jan 2019 23:01

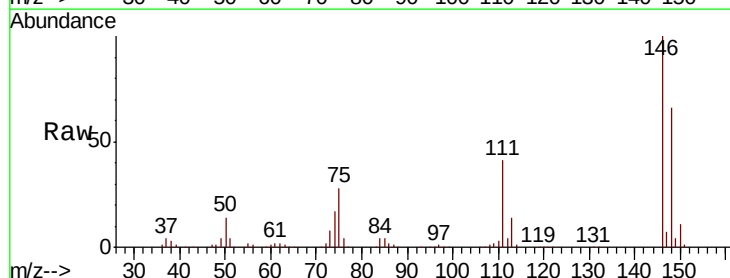
Tgt Ion: 146 Resp: 373925

Ion Ratio Lower Upper

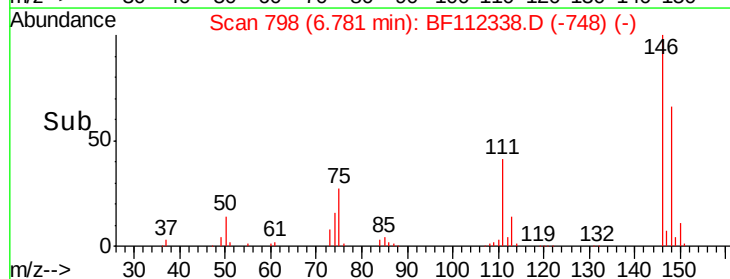
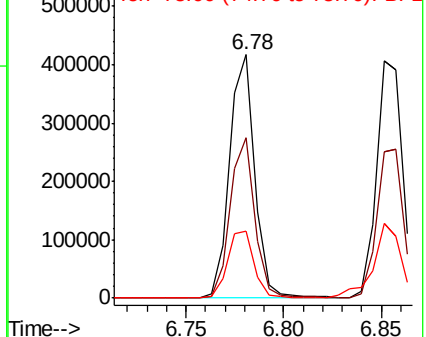
146 100

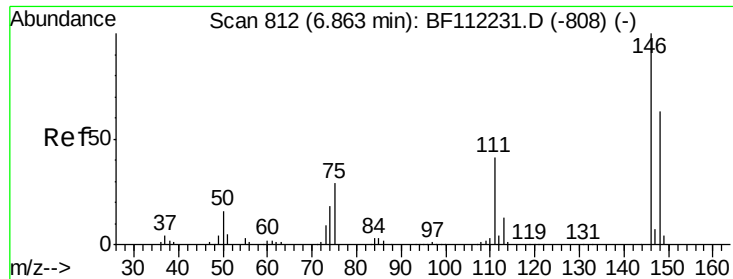
148 65.7 51.8 77.8

75 27.6 23.1 34.7



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

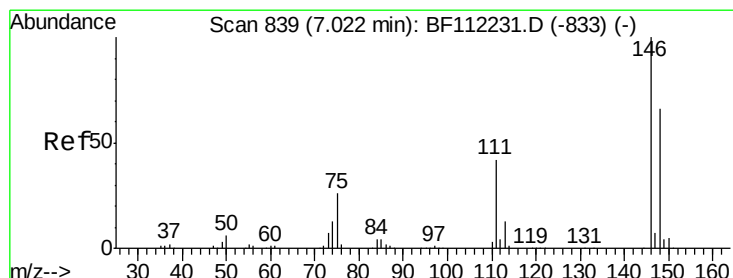
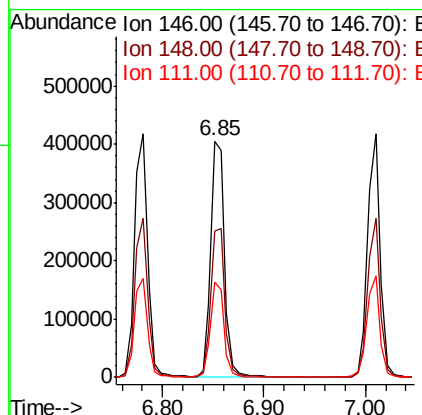
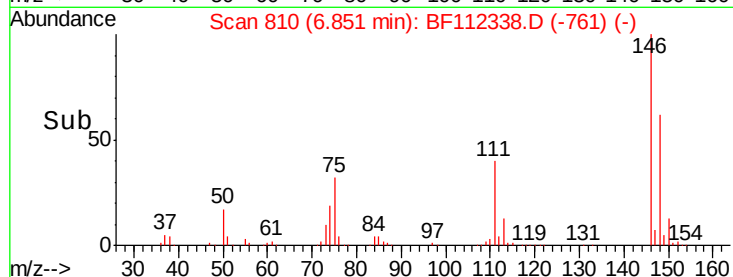
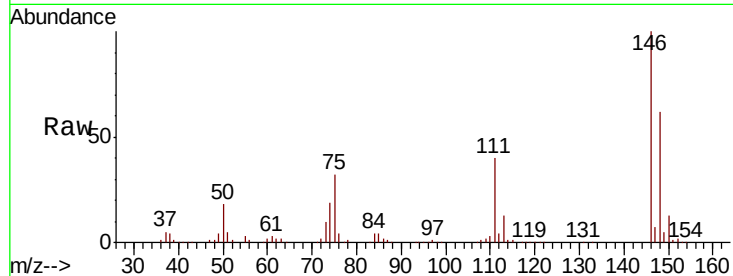




#13
 1,4-Dichlorobenzene
 Concen: 34.130 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF112338.D
 Acq: 30 Jan 2019 23:01

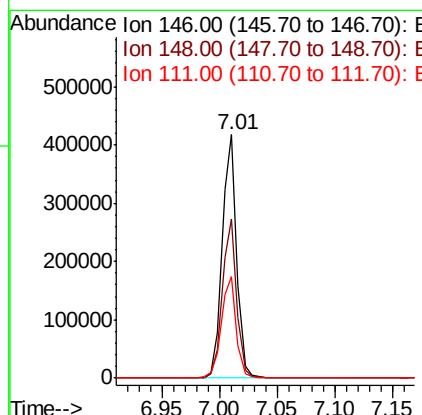
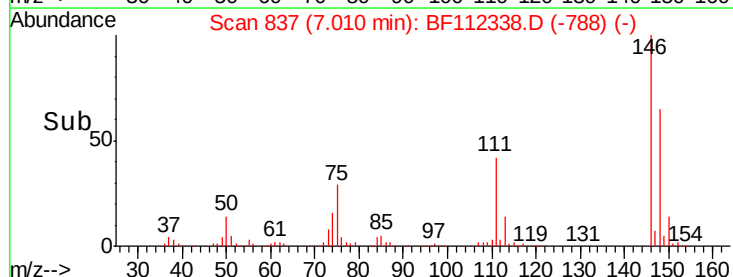
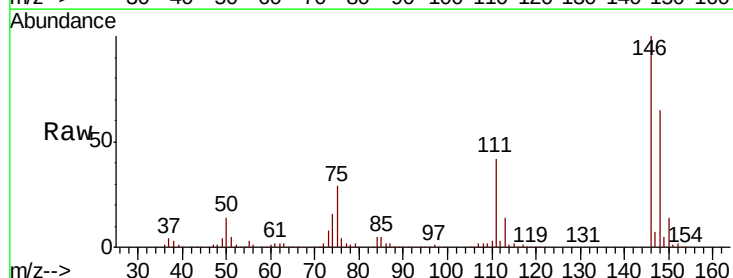
Instrument :
 BNA_F
 ClientSampleId :
 PB116708BS

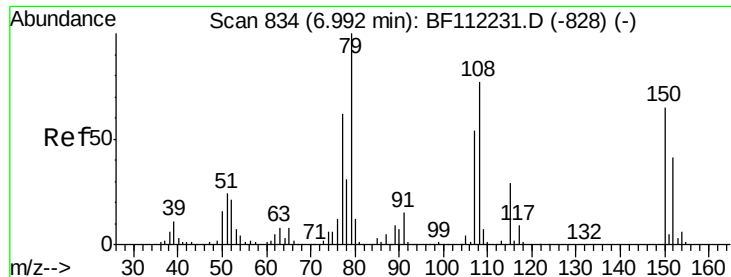
Tgt Ion:146 Resp: 386436
 Ion Ratio Lower Upper
 146 100
 148 61.9 52.0 78.0
 111 40.4 31.2 46.8



#14
 1,2-Dichlorobenzene
 Concen: 33.974 ng
 RT: 7.01 min Scan# 837
 Delta R.T. -0.01 min
 Lab File: BF112338.D
 Acq: 30 Jan 2019 23:01

Tgt Ion:146 Resp: 360153
 Ion Ratio Lower Upper
 146 100
 148 65.4 52.2 78.4
 111 41.9 31.2 46.8





#15

Benzyl Alcohol

Concen: 33.109 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.01 min

Lab File: BF112338.D

Acq: 30 Jan 2019 23:01

Instrument :

BNA_F

ClientSampleId :

PB116708BS

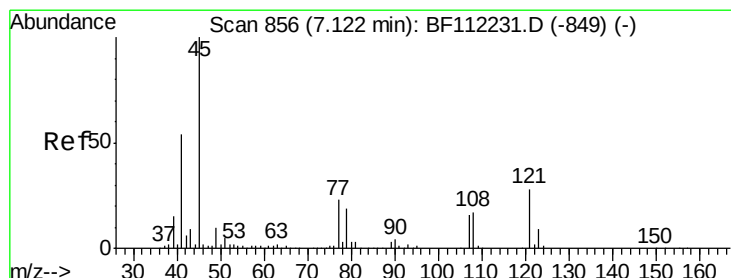
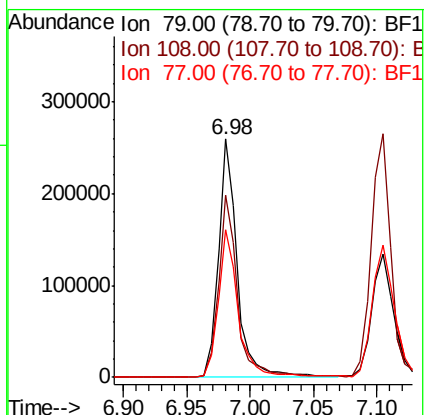
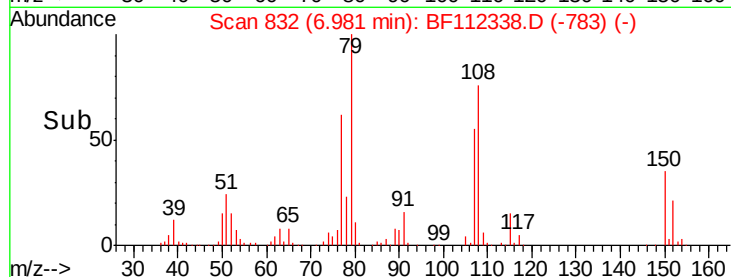
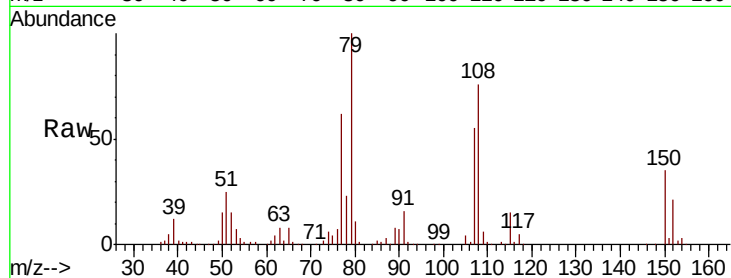
Tgt Ion: 79 Resp: 272334

Ion Ratio Lower Upper

79 100

108 76.3 64.2 96.2

77 62.1 50.3 75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.669 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF112338.D

Acq: 30 Jan 2019 23:01

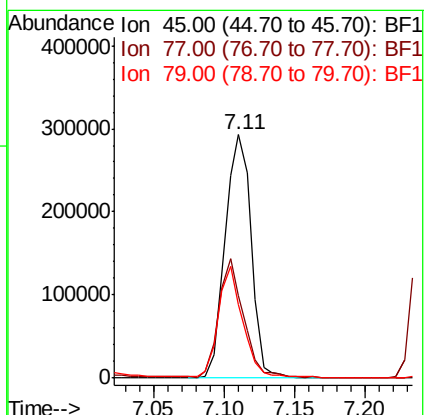
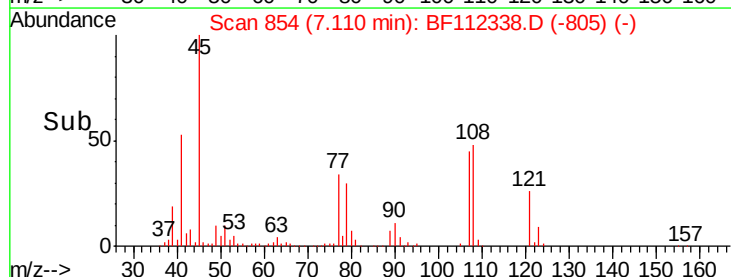
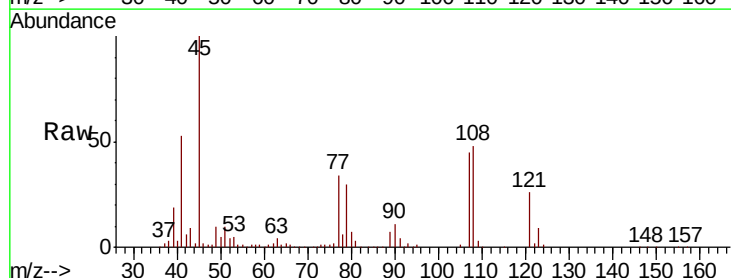
Tgt Ion: 45 Resp: 375161

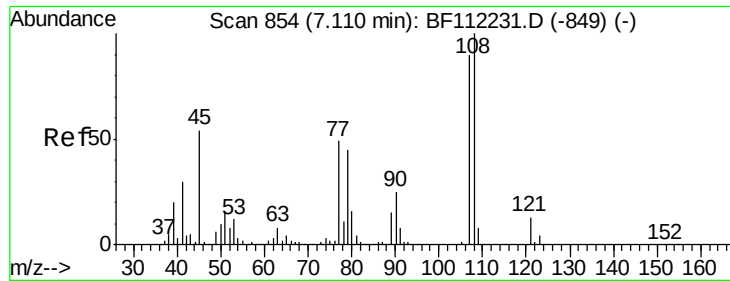
Ion Ratio Lower Upper

45 100

77 33.8 0.0 36.9

79 30.0 0.0 34.0

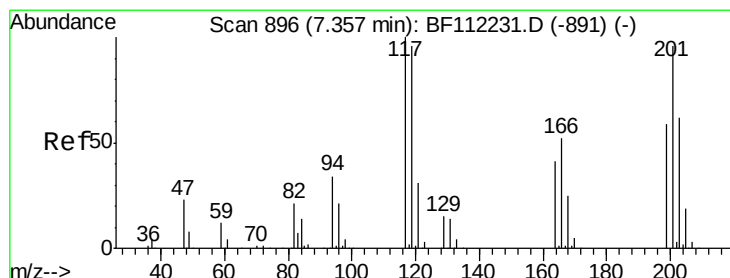
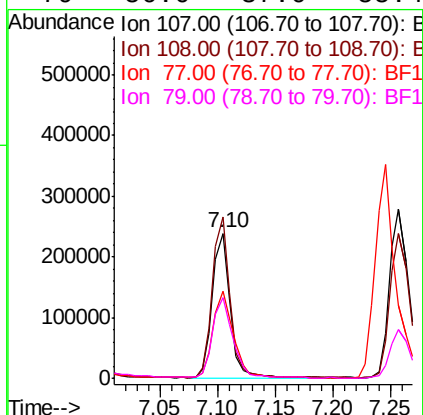
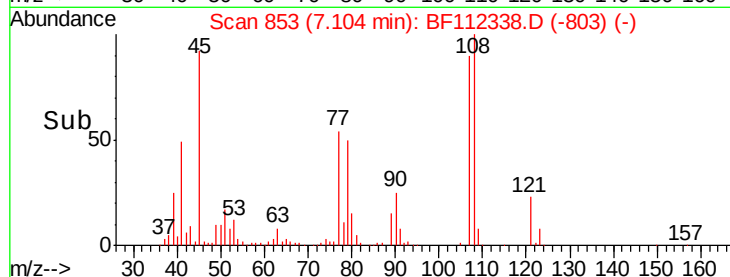
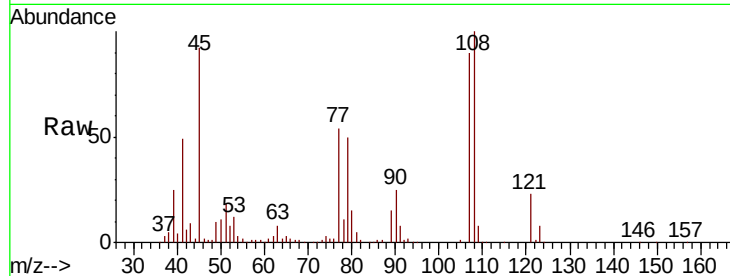




#17
2-Methylphenol
Concen: 34.129 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF112338.D
Acq: 30 Jan 2019 23:01

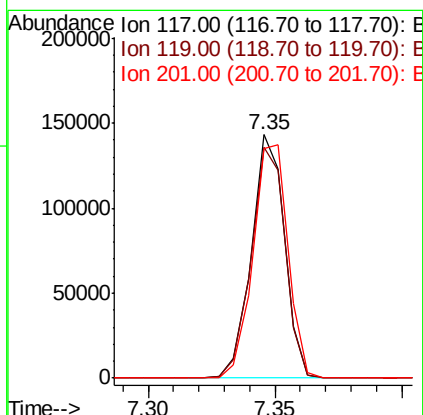
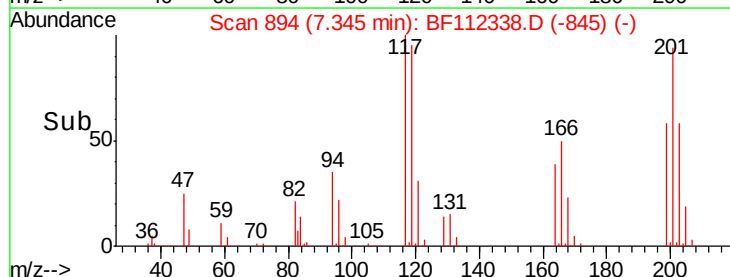
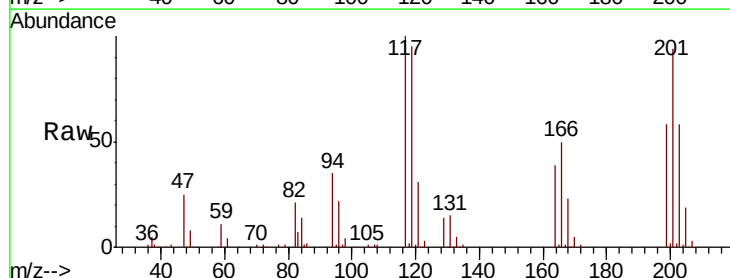
Instrument :
BNA_F
ClientSampleId :
PB116708BS

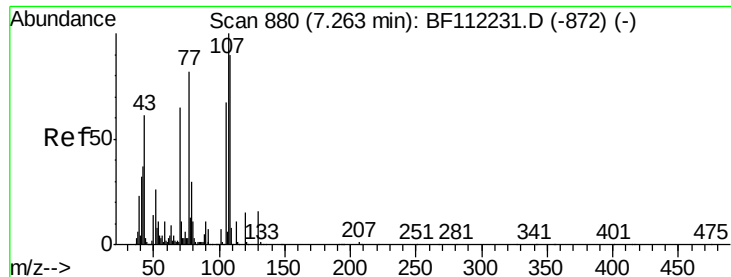
Tgt Ion:107 Resp: 255578
Ion Ratio Lower Upper
107 100
108 111.0 91.3 136.9
77 60.3 39.0 58.6#
79 56.0 37.0 55.4#



#18
Hexachloroethane
Concen: 32.852 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF112338.D
Acq: 30 Jan 2019 23:01

Tgt Ion:117 Resp: 130617
Ion Ratio Lower Upper
117 100
119 94.7 77.0 115.4
201 94.1 74.1 111.1

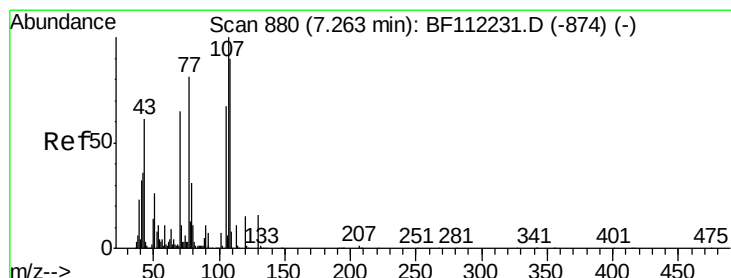
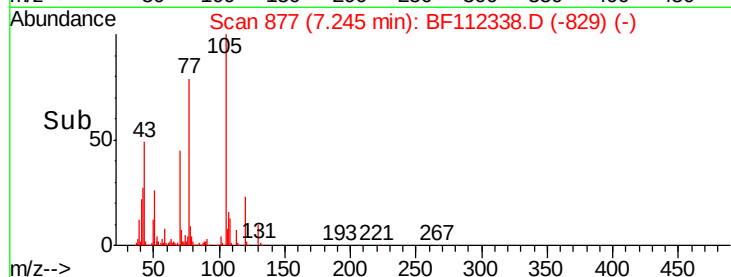
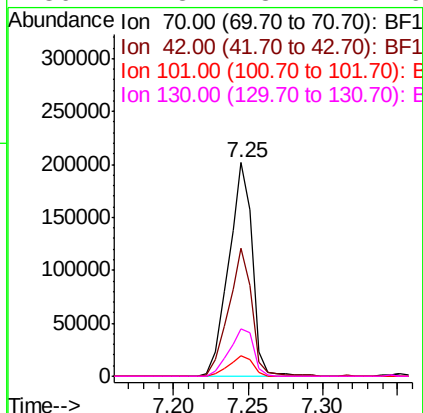
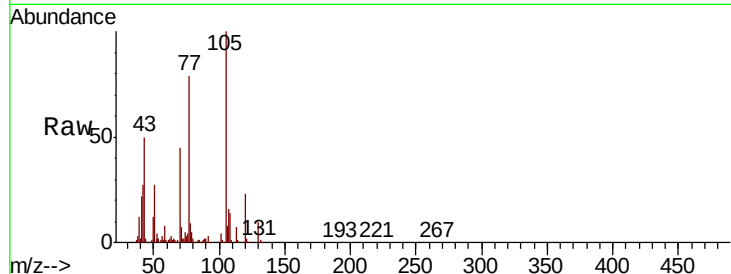




#19
n-Nitroso-di-n-propylamine
Concen: 33.377 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF112338.D
Acq: 30 Jan 2019 23:01

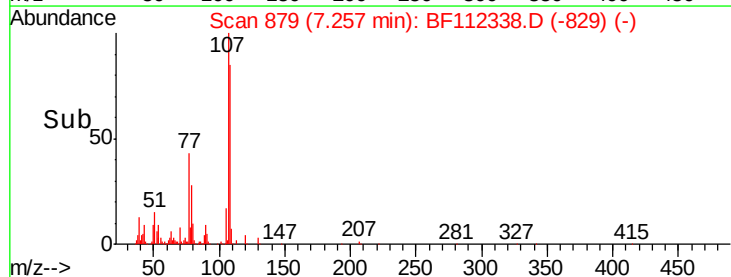
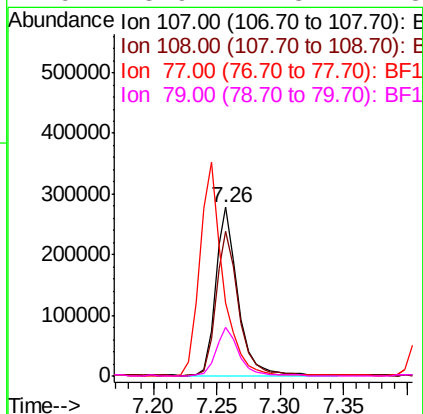
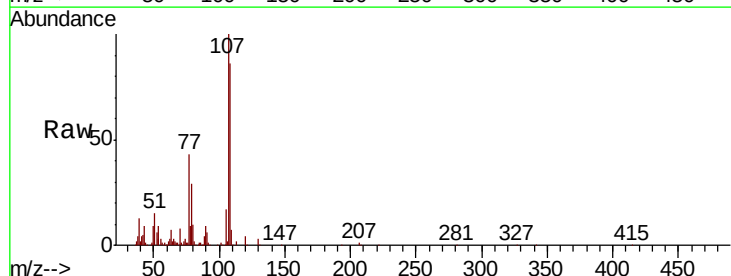
Instrument :
BNA_F
ClientSampleId :
PB116708BS

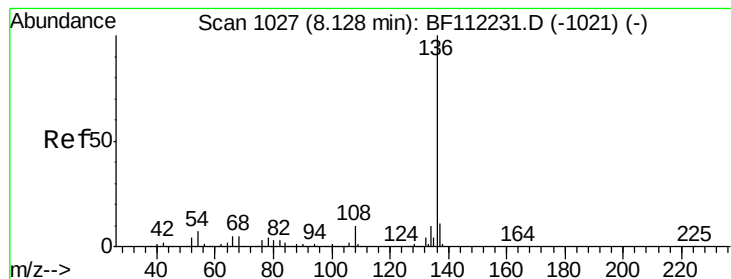
Tgt Ion:	70	Resp:	224572
Ion	Ratio	Lower	Upper
70	100		
42	59.8	47.6	71.4
101	9.8	7.9	11.9
130	22.3	18.4	27.6



#20
3+4-Methylphenols
Concen: 35.270 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF112338.D
Acq: 30 Jan 2019 23:01

Tgt Ion:	107	Resp:	337749
Ion	Ratio	Lower	Upper
107	100		
108	85.6	68.2	108.2
77	43.0	100.7	140.7#
79	28.9	7.3	47.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF112338.D

Acq: 30 Jan 2019 23:01

Instrument :

BNA_F

ClientSampleId :

PB116708BS

Tgt Ion:136 Resp: 569223

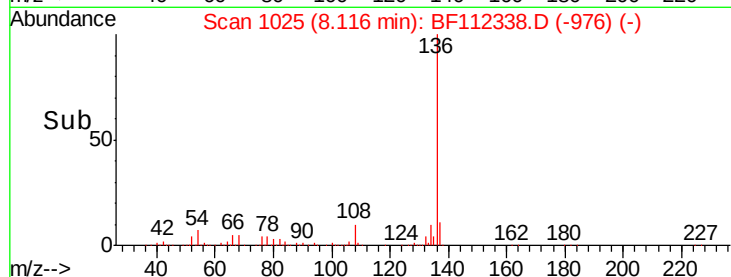
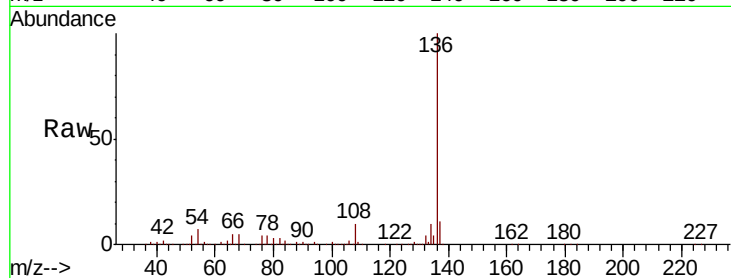
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 6.9 5.9 8.9

68 5.2 5.1 7.7



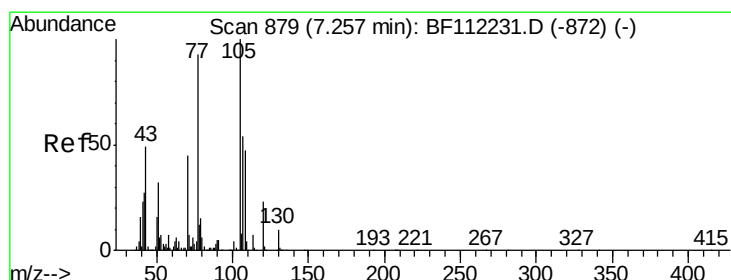
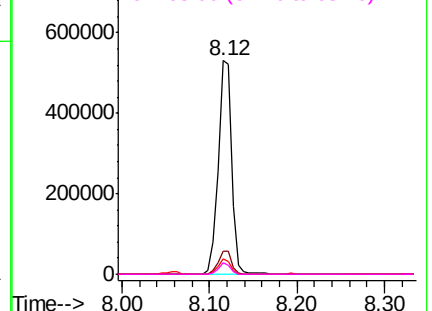
Abundance

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: 32.868 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF112338.D

Acq: 30 Jan 2019 23:01

Tgt Ion:105 Resp: 455577

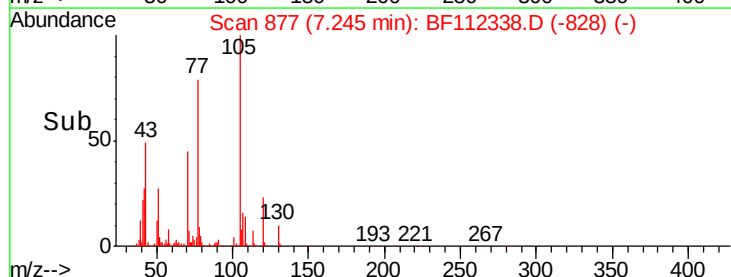
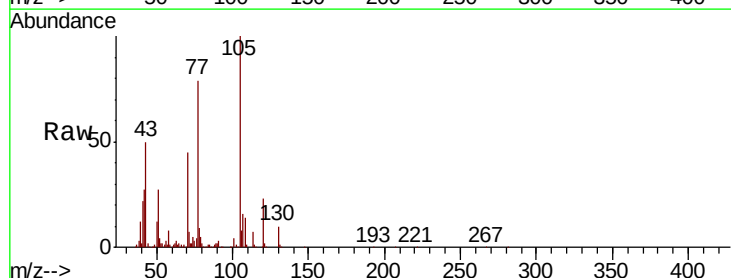
Ion Ratio Lower Upper

105 100

71 7.4 4.6 6.8#

51 26.6 25.0 37.6

120 23.0 19.0 28.4



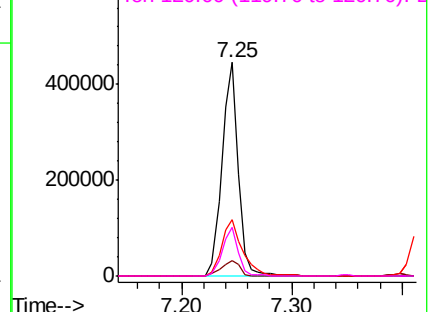
Abundance

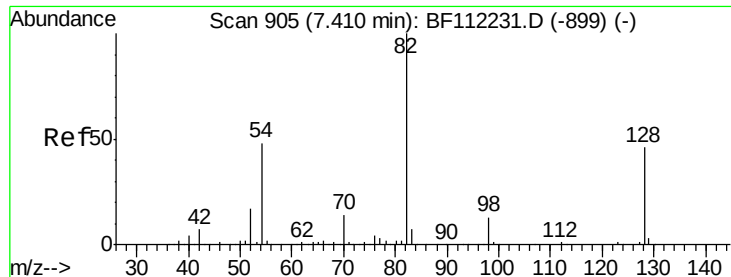
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

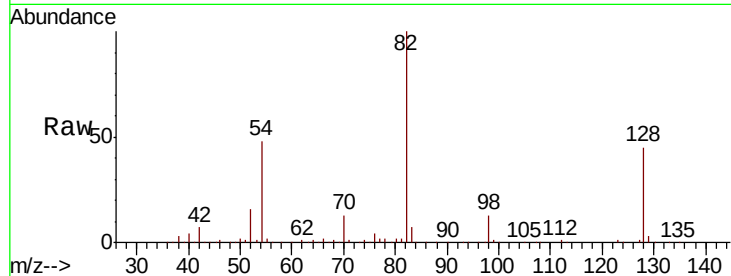




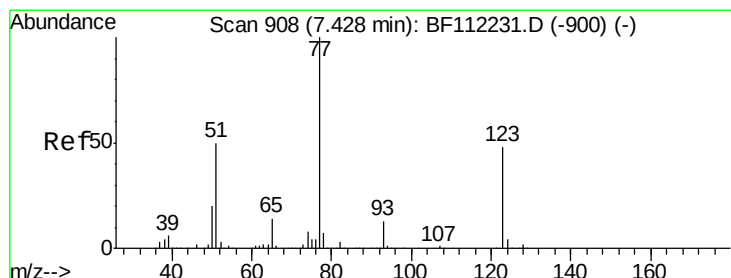
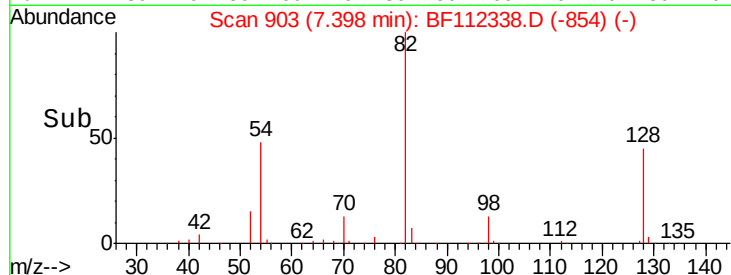
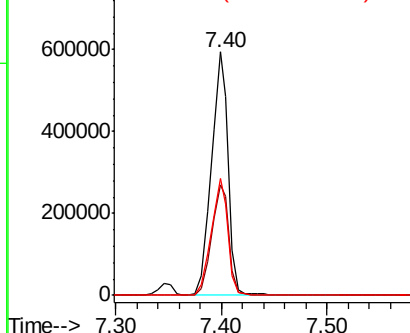
#23
 Nitrobenzene-d5
 Concen: 67.811 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF112338.D
 Acq: 30 Jan 2019 23:01

Instrument :
 BNA_F
 ClientSampleId :
 PB116708BS

Tgt Ion: 82 Resp: 669906
 Ion Ratio Lower Upper
 82 100
 128 45.4 37.8 56.8
 54 48.2 39.7 59.5

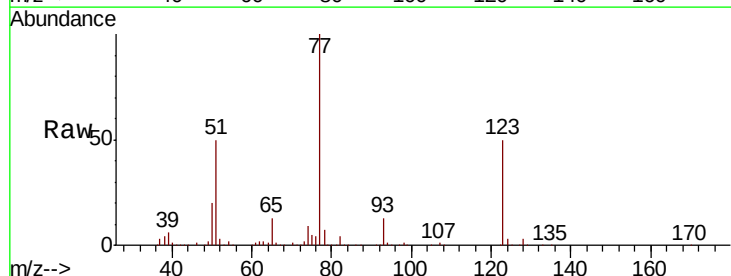


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

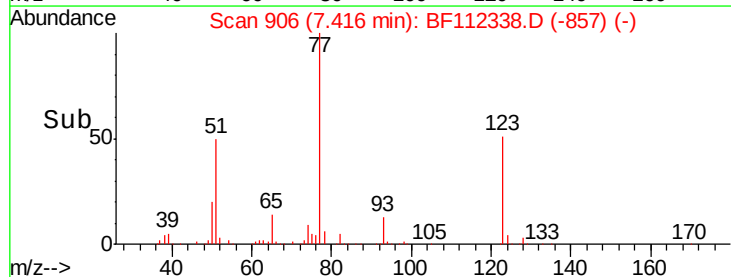
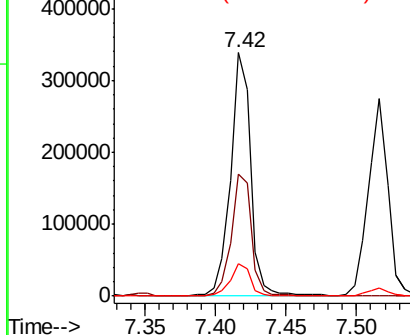


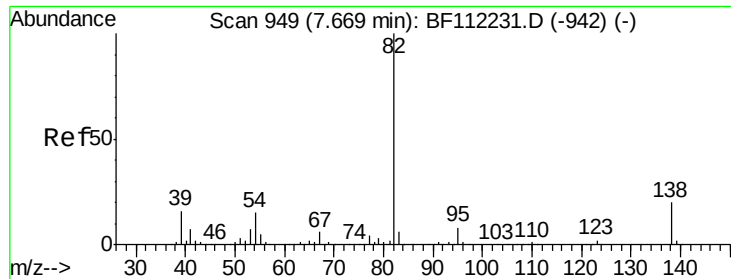
#24
 Nitrobenzene
 Concen: 33.607 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF112338.D
 Acq: 30 Jan 2019 23:01

Tgt Ion: 77 Resp: 331576
 Ion Ratio Lower Upper
 77 100
 123 50.0 38.4 57.6
 65 13.5 10.6 15.8



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: 37.905 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF112338.D

Acq: 30 Jan 2019 23:01

Instrument :

BNA_F

ClientSampleId :

PB116708BS

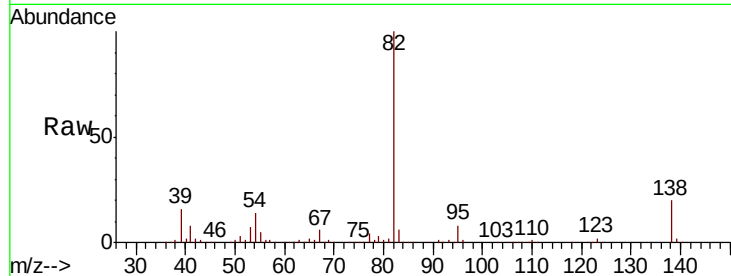
Tgt Ion: 82 Resp: 587450

Ion Ratio Lower Upper

82 100

95 7.8 5.7 8.5

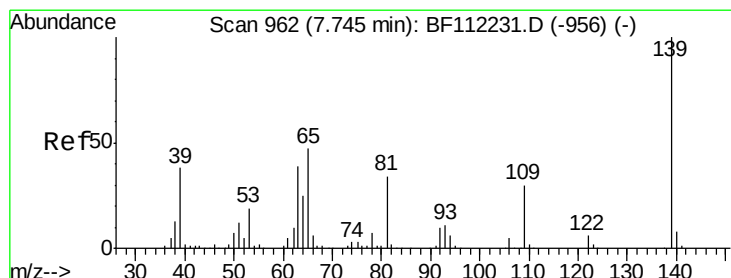
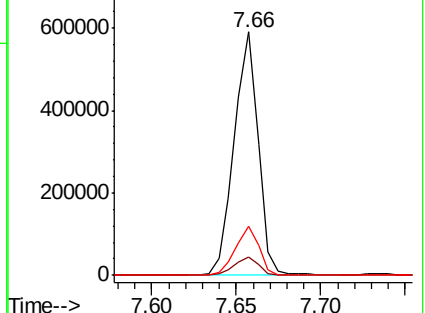
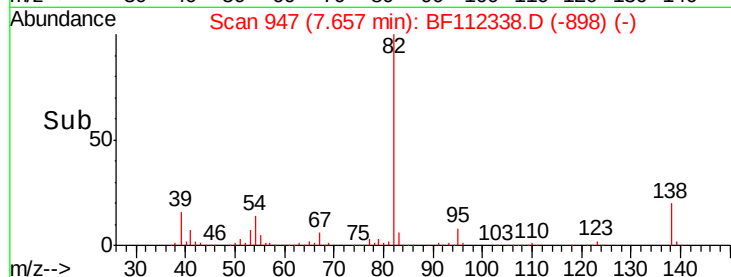
138 20.3 15.4 23.0



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 32.712 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF112338.D

Acq: 30 Jan 2019 23:01

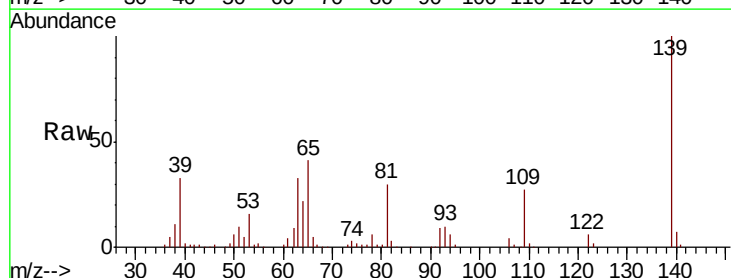
Tgt Ion: 139 Resp: 172477

Ion Ratio Lower Upper

139 100

109 26.5 20.8 31.2

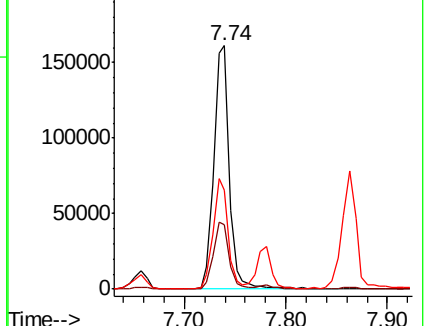
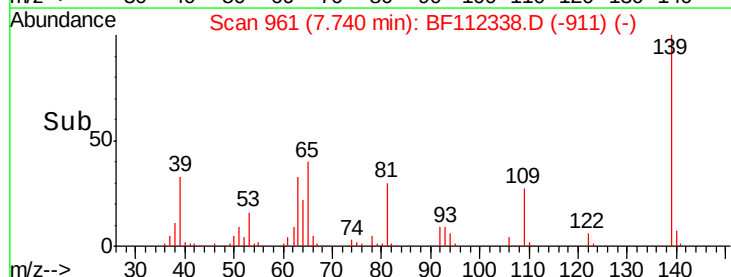
65 40.7 34.4 51.6

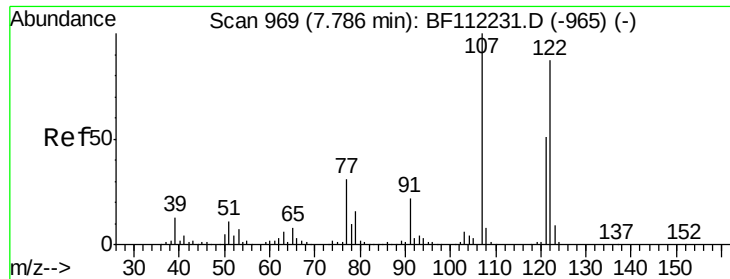


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

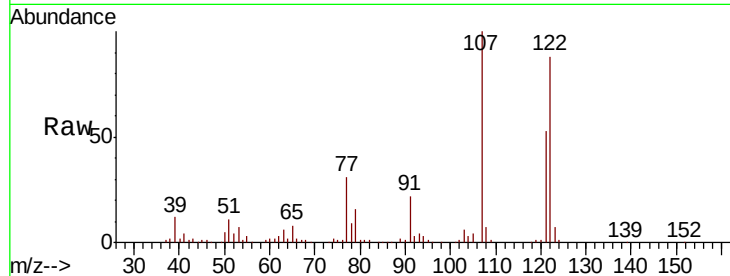




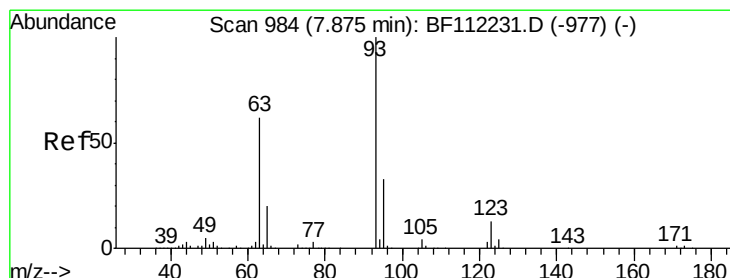
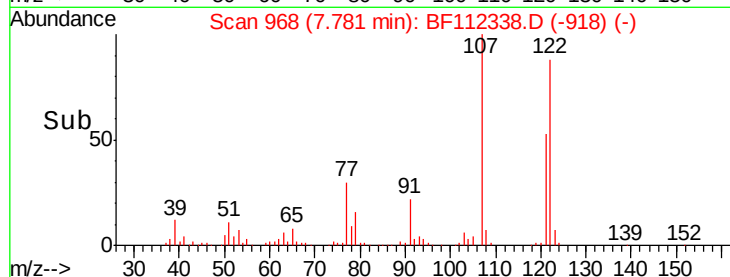
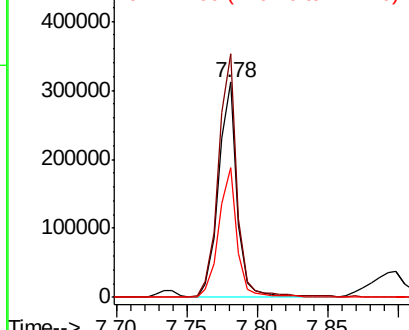
#27
2,4-Dimethylphenol
Concen: 39.239 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF112338.D
Acq: 30 Jan 2019 23:01

Instrument :
BNA_F
ClientSampleId :
PB116708BS

Tgt Ion: 122 Resp: 285048
Ion Ratio Lower Upper
122 100
107 113.2 85.4 128.0
121 60.4 47.0 70.4

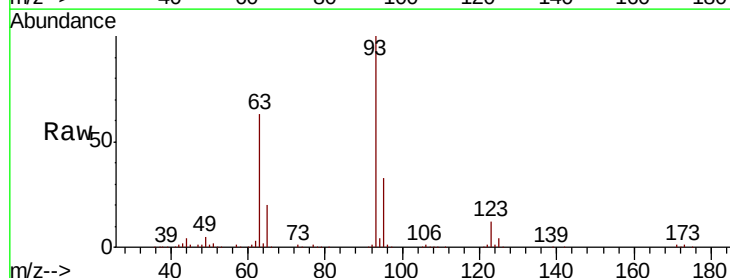


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

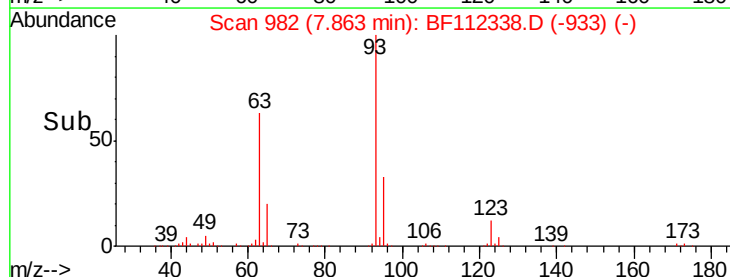
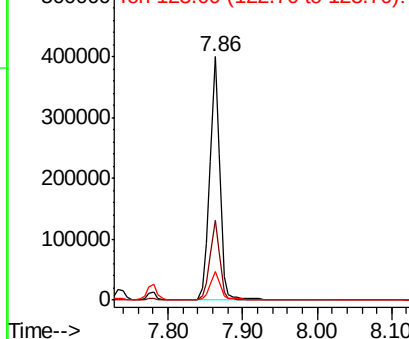


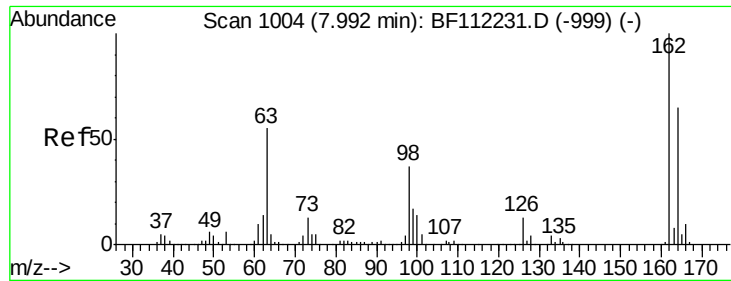
#28
bis(2-Chloroethoxy)methane
Concen: 35.674 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF112338.D
Acq: 30 Jan 2019 23:01

Tgt Ion: 93 Resp: 376453
Ion Ratio Lower Upper
93 100
95 32.8 26.8 40.2
123 11.8 10.2 15.2



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E

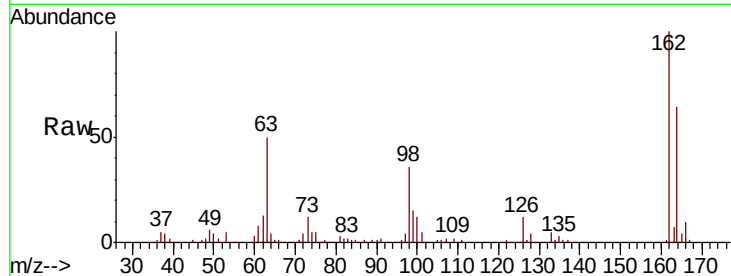




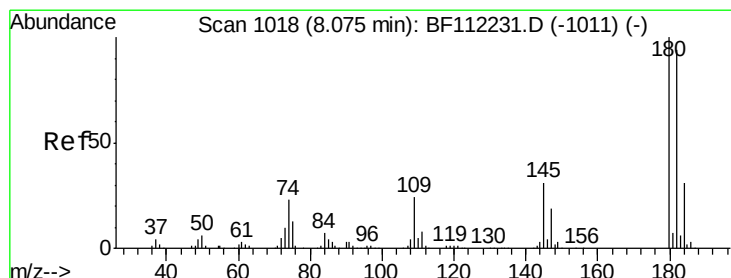
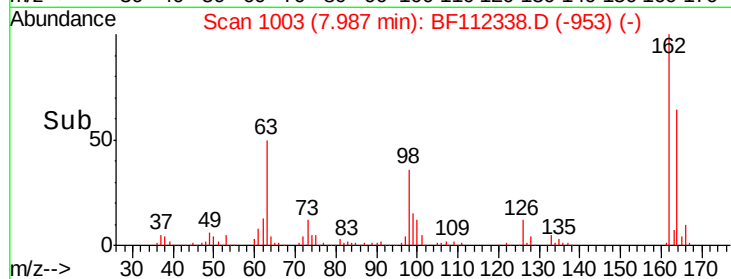
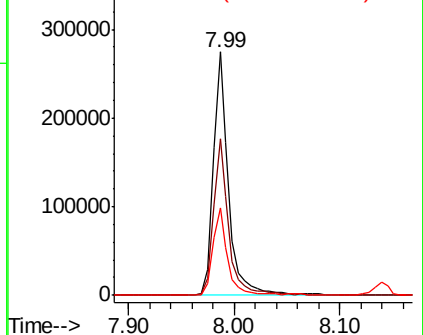
#29
 2,4-Dichlorophenol
 Concen: 34.559 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BF112338.D
 Acq: 30 Jan 2019 23:01

Instrument :
 BNA_F
 ClientSampleId :
 PB116708BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.3	44.6	84.6
98	35.7	14.6	54.6

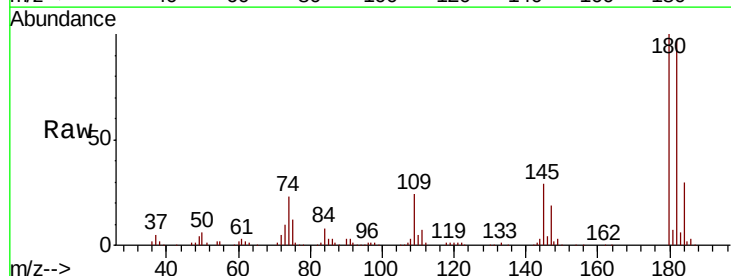


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

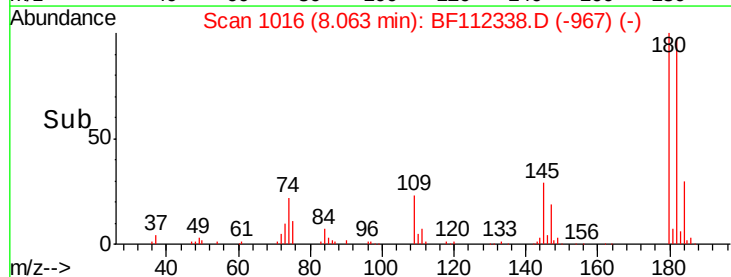
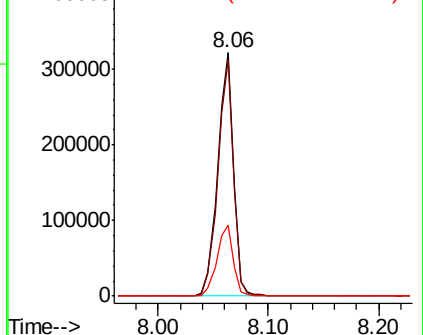


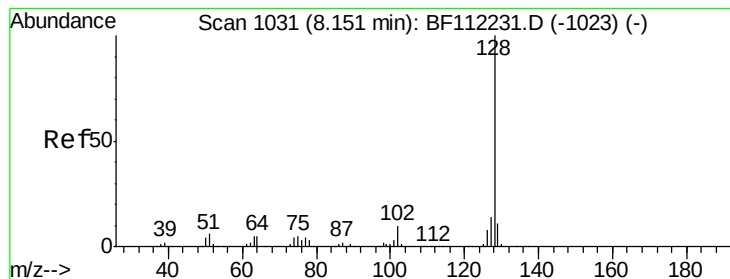
#30
 1,2,4-Trichlorobenzene
 Concen: 34.250 ng
 RT: 8.06 min Scan# 1016
 Delta R.T. -0.01 min
 Lab File: BF112338.D
 Acq: 30 Jan 2019 23:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	76.4	114.6
145	29.3	25.0	37.4



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: 36.756 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF112338.D

Acq: 30 Jan 2019 23:01

Instrument :

BNA_F

ClientSampleId :

PB116708BS

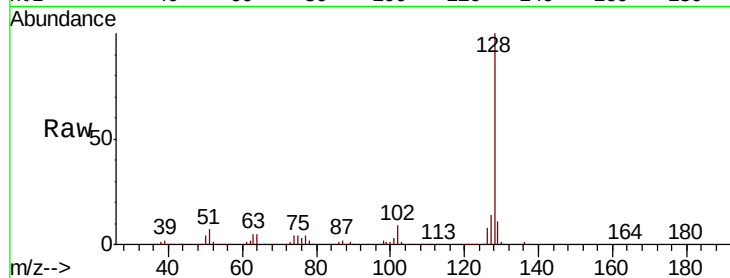
Tgt Ion:128 Resp: 978410

Ion Ratio Lower Upper

128 100

129 11.2 9.6 14.4

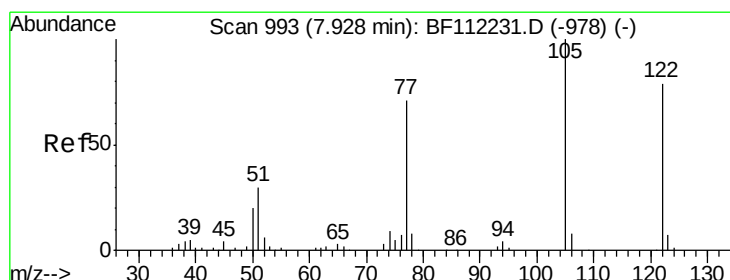
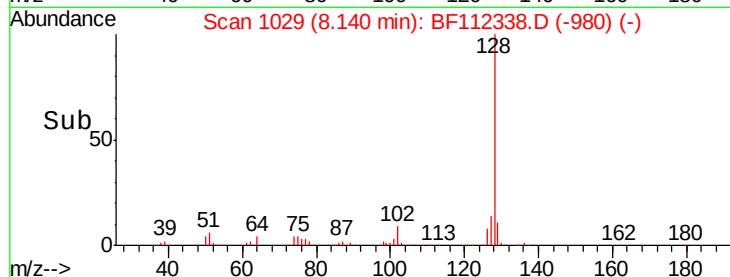
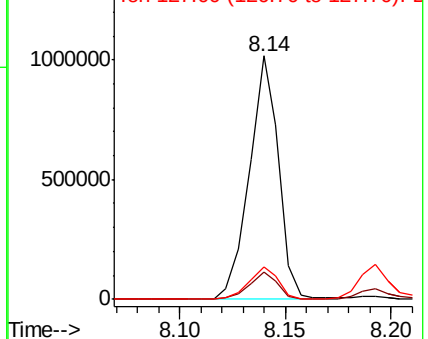
127 13.6 11.1 16.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 20.007 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.03 min

Lab File: BF112338.D

Acq: 30 Jan 2019 23:01

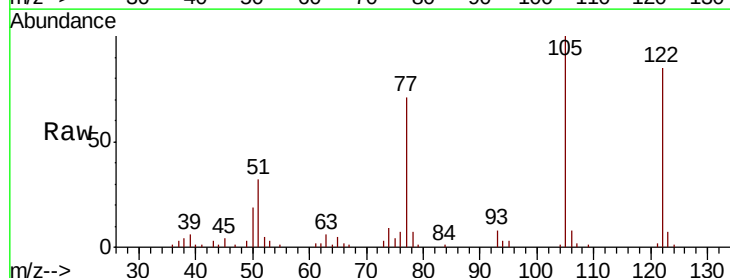
Tgt Ion:122 Resp: 82905

Ion Ratio Lower Upper

122 100

105 118.1 101.2 141.2

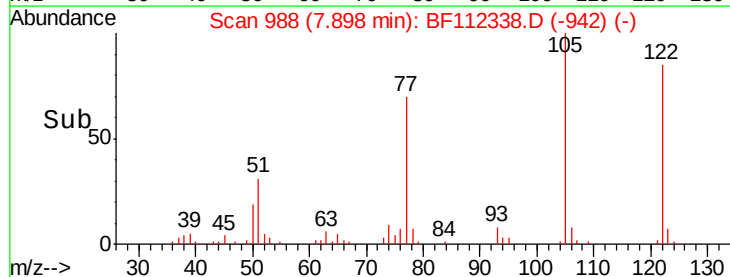
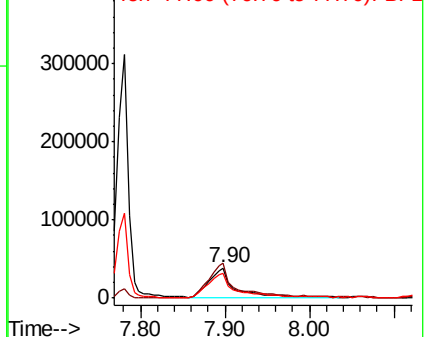
77 84.4 70.4 110.4

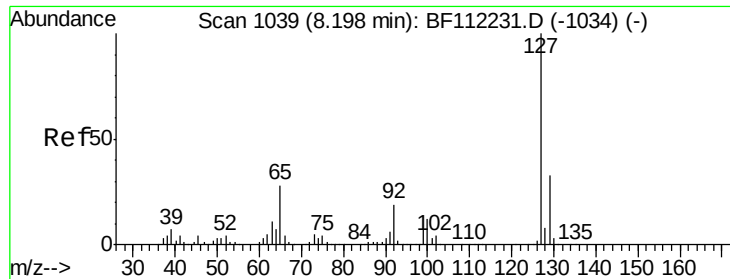


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

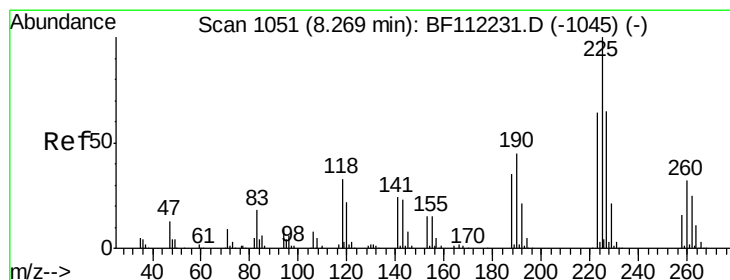
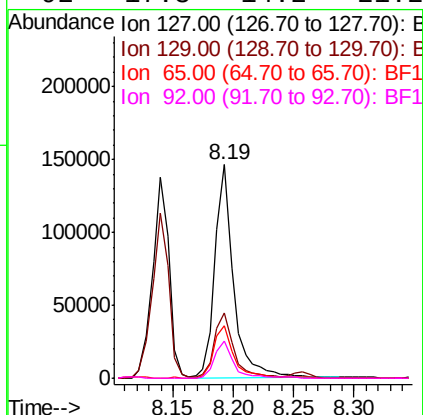
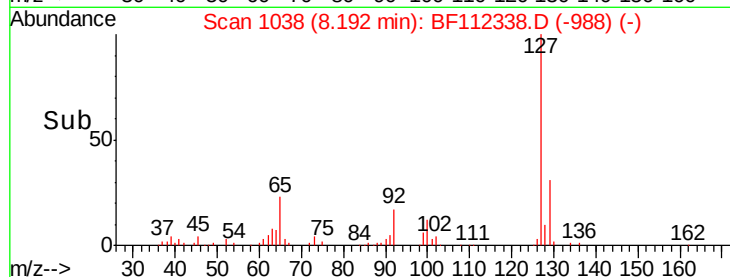
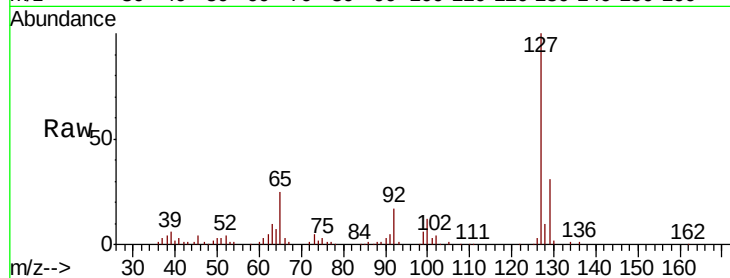




#33
4-Chloroaniline
Concen: 13.464 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF112338.D
Acq: 30 Jan 2019 23:01

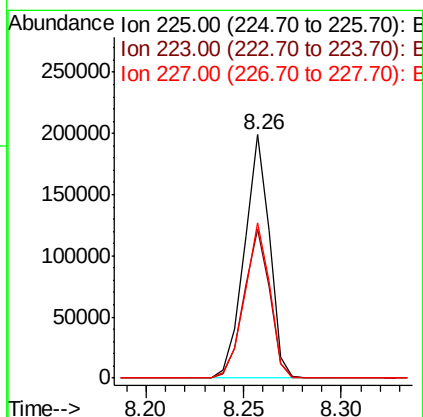
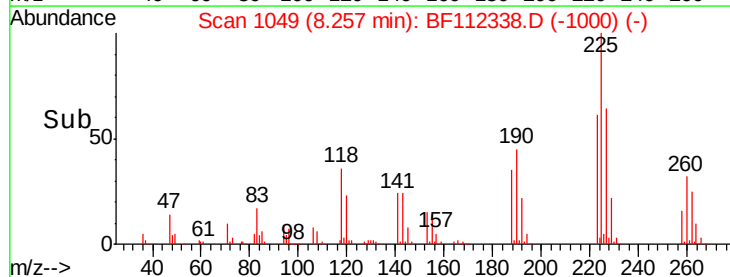
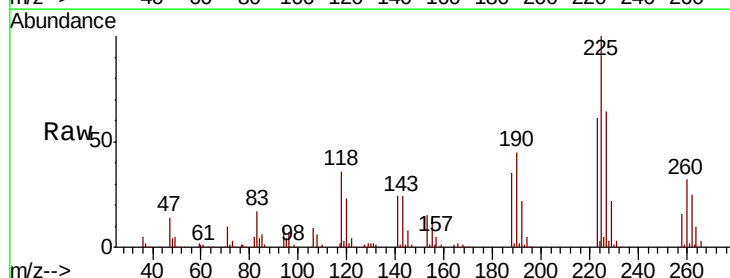
Instrument :
BNA_F
ClientSampleId :
PB116708BS

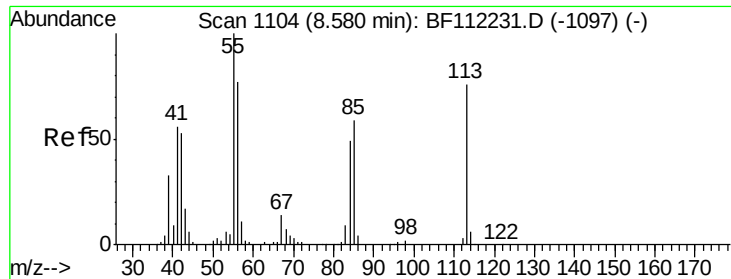
Tgt Ion:	127	Resp:	156060
Ion	Ratio	Lower	Upper
127	100		
129	30.6	26.6	39.8
65	24.9	21.4	32.2
92	17.3	14.2	21.2



#34
Hexachlorobutadiene
Concen: 32.376 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF112338.D
Acq: 30 Jan 2019 23:01

Tgt Ion:	225	Resp:	177537
Ion	Ratio	Lower	Upper
225	100		
223	61.3	50.3	75.5
227	63.8	51.8	77.8

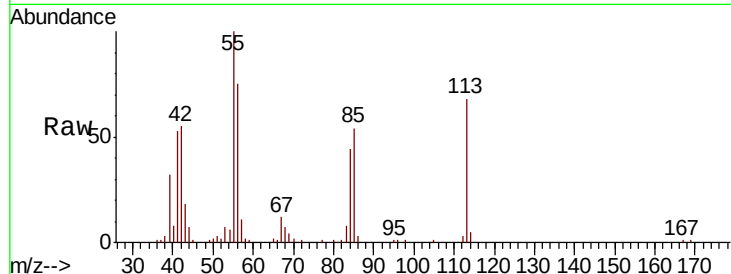




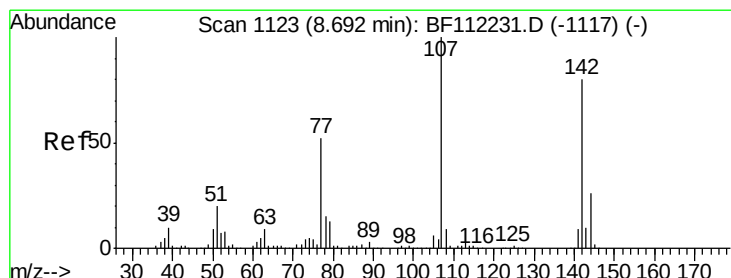
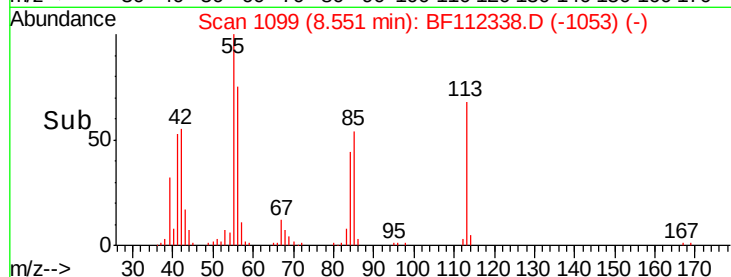
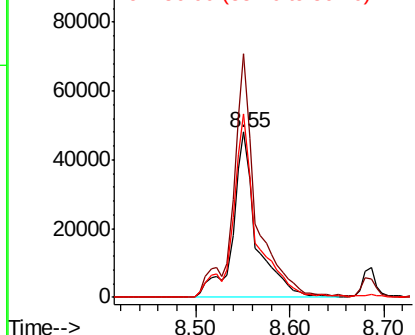
#35
 Caprolactam
 Concen: 29.046 ng
 RT: 8.55 min Scan# 1099
 Delta R.T. -0.03 min
 Lab File: BF112338.D
 Acq: 30 Jan 2019 23:01

Instrument :
 BNA_F
 ClientSampleId :
 PB116708BS

Tgt Ion:113 Resp: 83299
 Ion Ratio Lower Upper
 113 100
 55 147.6 121.6 161.6
 56 111.0 86.7 126.7

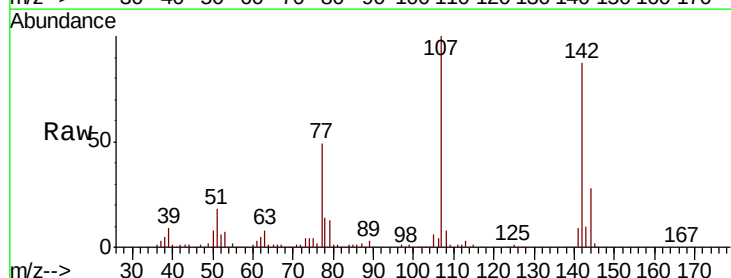


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

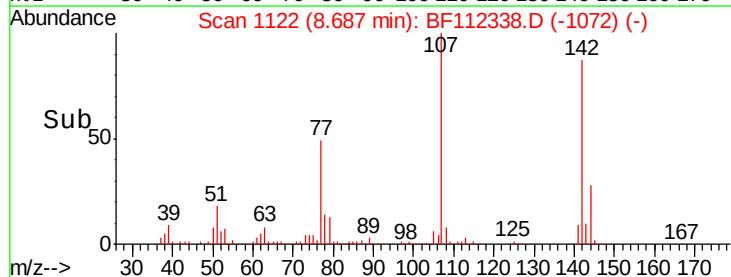
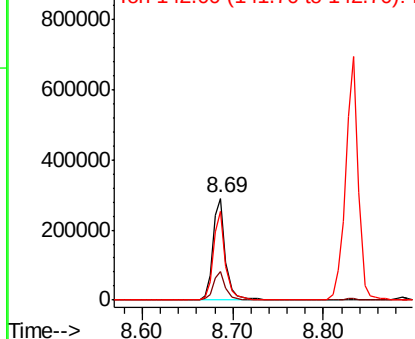


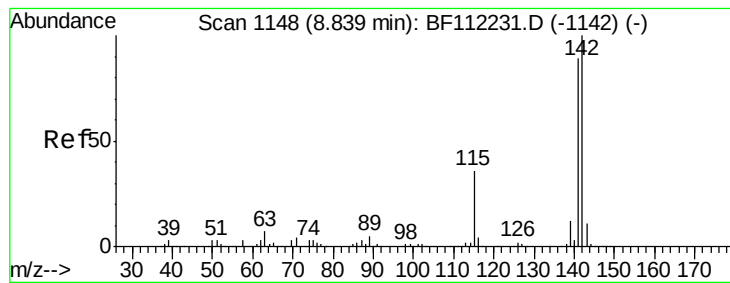
#36
 4-Chloro-3-methylphenol
 Concen: 32.853 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BF112338.D
 Acq: 30 Jan 2019 23:01

Tgt Ion:107 Resp: 282729
 Ion Ratio Lower Upper
 107 100
 144 28.1 22.2 33.2
 142 86.9 67.7 101.5



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





#37

2-Methylnaphthalene

Concen: 37.251 ng

RT: 8.83 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BF112338.D

Acq: 30 Jan 2019 23:01

Instrument :

BNA_F

ClientSampleId :

PB116708BS

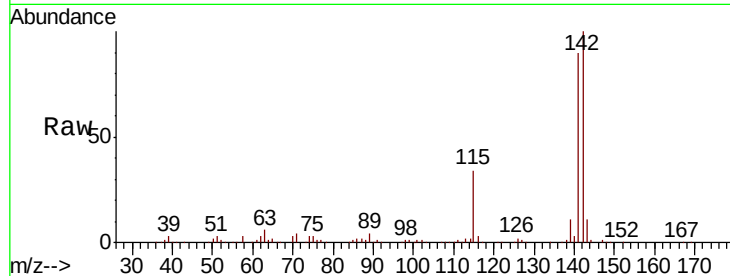
Tgt Ion:142 Resp: 678824

Ion Ratio Lower Upper

142 100

141 89.8 70.9 106.3

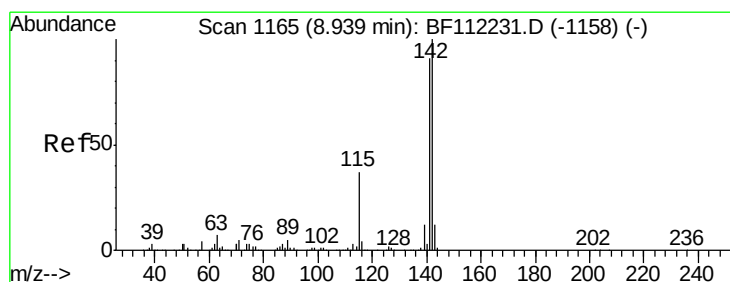
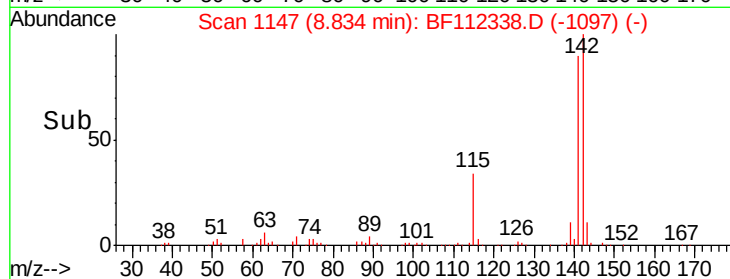
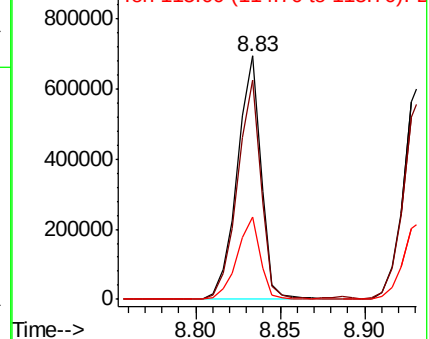
115 33.7 24.9 37.3



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: 35.966 ng

RT: 8.93 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BF112338.D

Acq: 30 Jan 2019 23:01

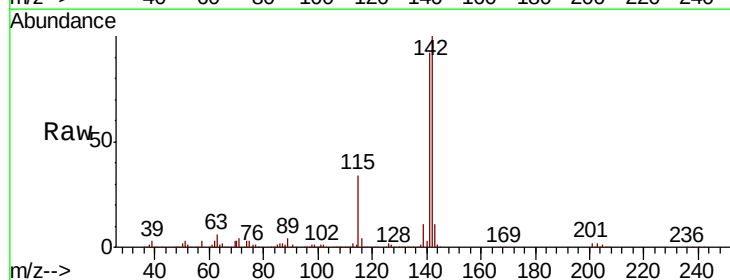
Tgt Ion:142 Resp: 628208

Ion Ratio Lower Upper

142 100

141 92.4 72.6 108.8

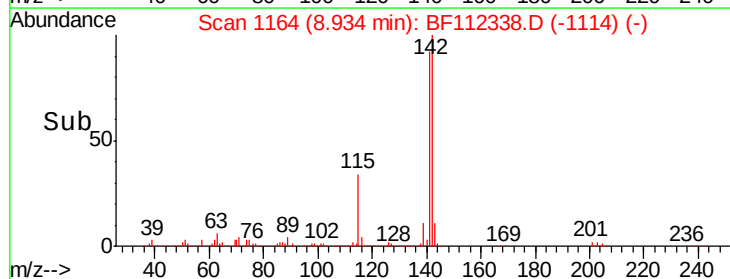
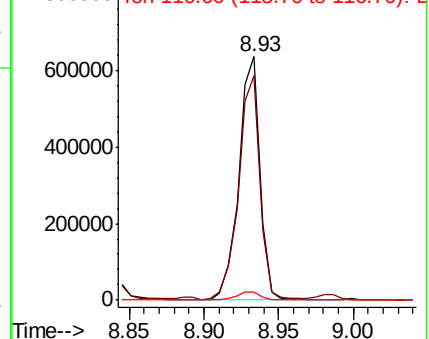
116 3.6 2.8 4.2

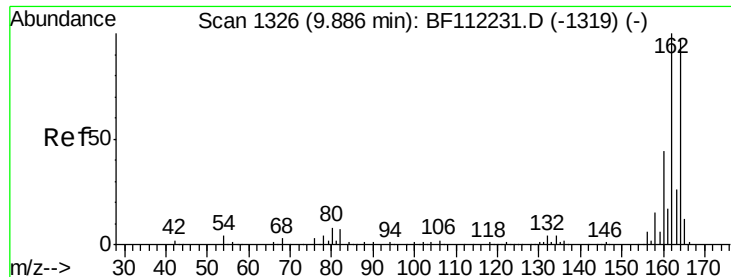


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF112338.D

Acq: 30 Jan 2019 23:01

Instrument :

BNA_F

ClientSampleId :

PB116708BS

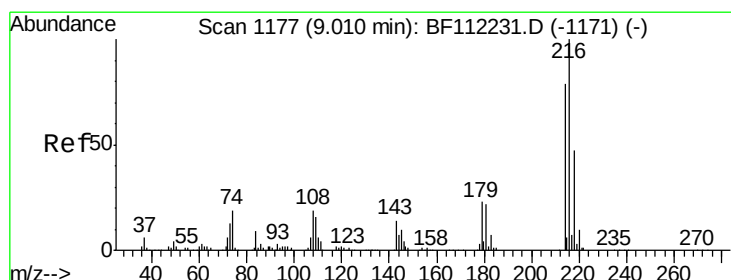
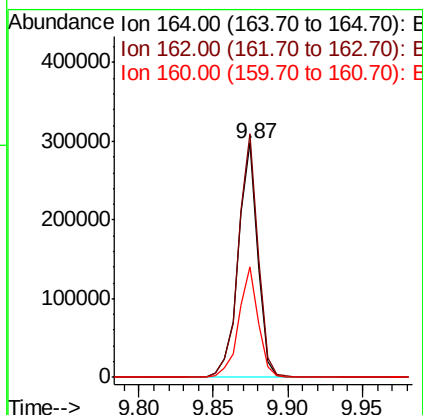
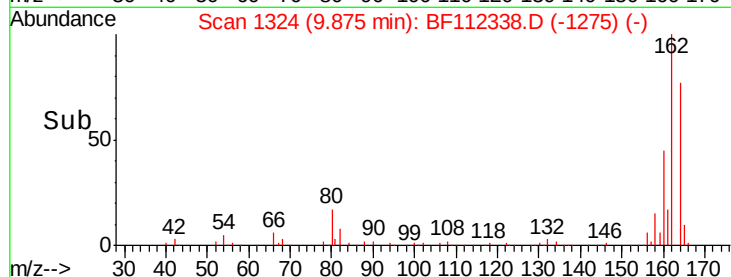
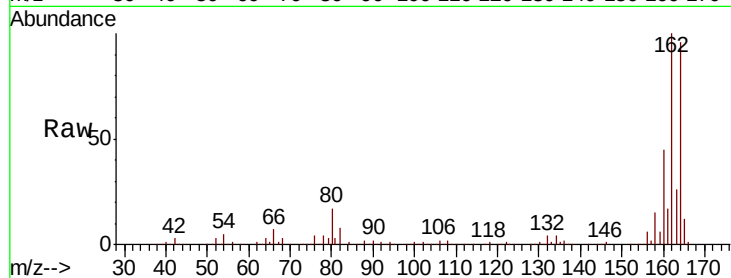
Tgt Ion:164 Resp: 271147

Ion Ratio Lower Upper

164 100

162 104.0 82.2 123.4

160 47.0 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 34.814 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BF112338.D

Acq: 30 Jan 2019 23:01

Tgt Ion:216 Resp: 309935

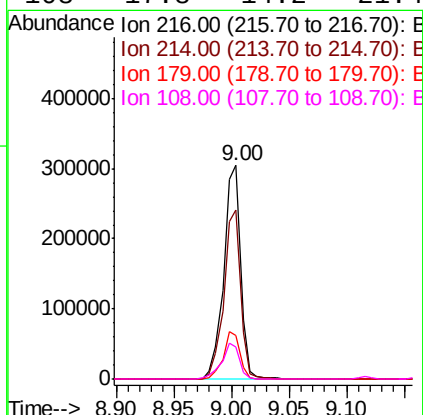
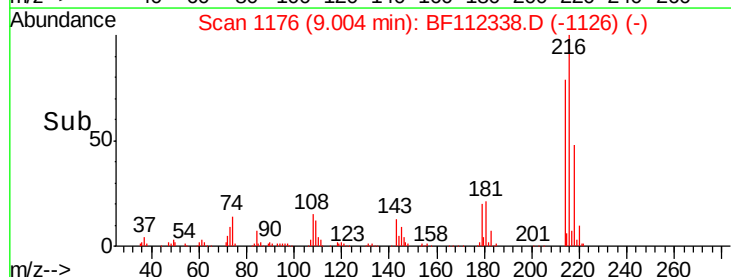
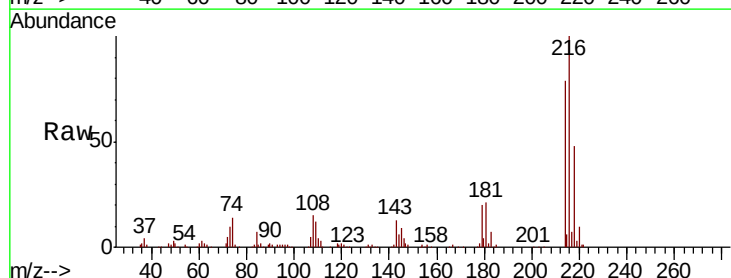
Ion Ratio Lower Upper

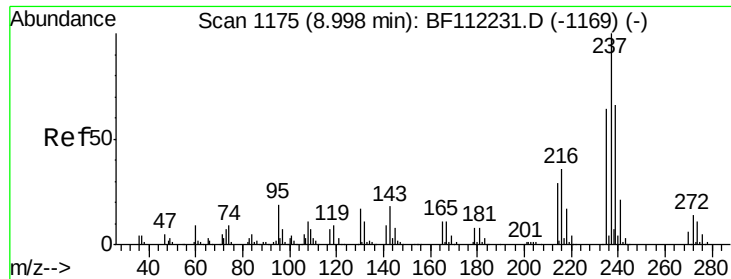
216 100

214 78.6 63.8 95.6

179 21.7 16.9 25.3

108 17.8 14.2 21.4





#41

Hexachlorocyclopentadiene

Concen: 34.400 ng

RT: 8.99 min Scan# 1173

Delta R.T. -0.01 min

Lab File: BF112338.D

Acq: 30 Jan 2019 23:01

Instrument :

BNA_F

ClientSampleId :

PB116708BS

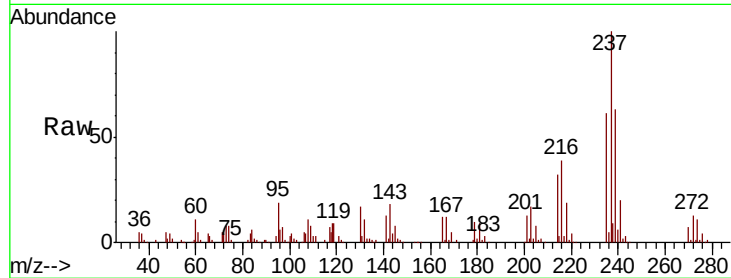
Tgt Ion: 237 Resp: 95323

Ion Ratio Lower Upper

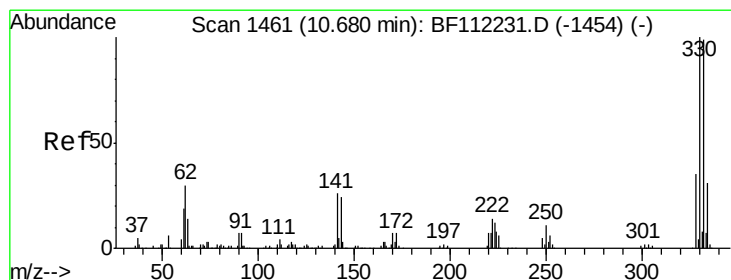
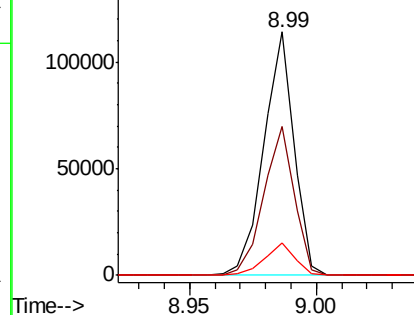
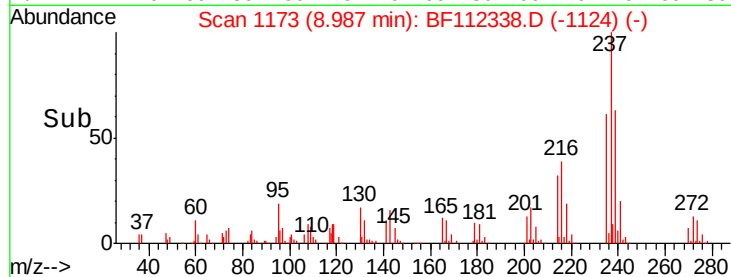
237 100

235 61.2 44.0 84.0

272 13.5 0.0 33.3



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: 65.166 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF112338.D

Acq: 30 Jan 2019 23:01

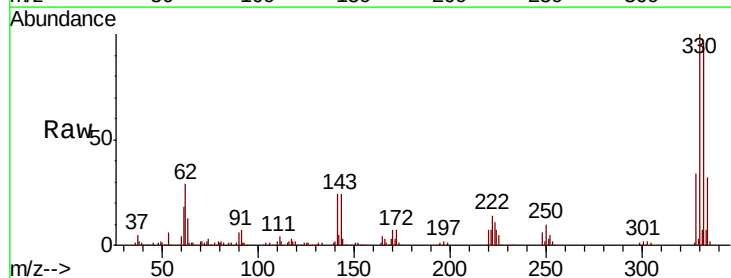
Tgt Ion: 330 Resp: 205669

Ion Ratio Lower Upper

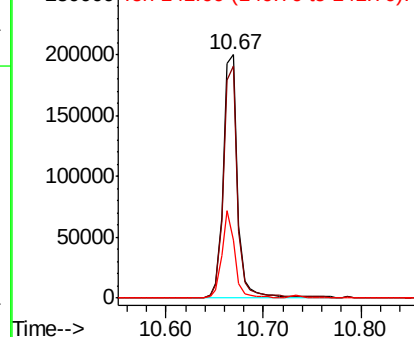
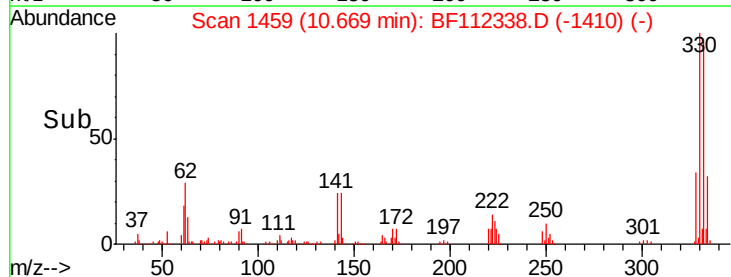
330 100

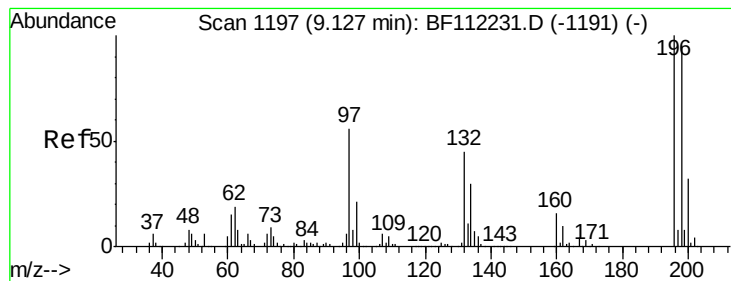
332 94.3 76.6 114.8

141 31.6 24.3 36.5



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





#43

2,4,6-Trichlorophenol

Concen: 33.581 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BF112338.D

Acq: 30 Jan 2019 23:01

Instrument :

BNA_F

ClientSampleId :

PB116708BS

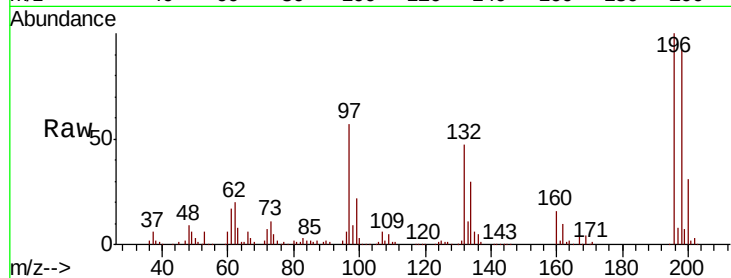
Tgt Ion:196 Resp: 184282

Ion Ratio Lower Upper

196 100

198 92.4 76.2 114.4

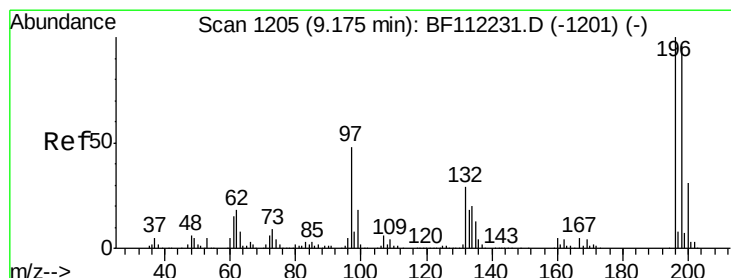
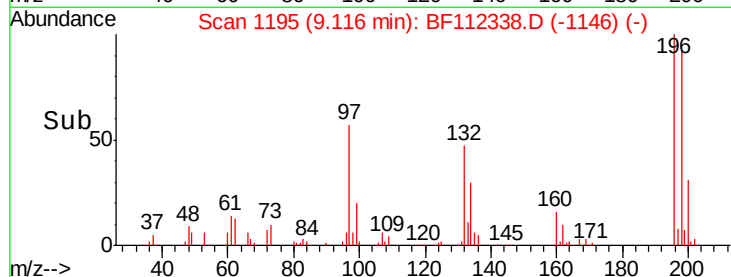
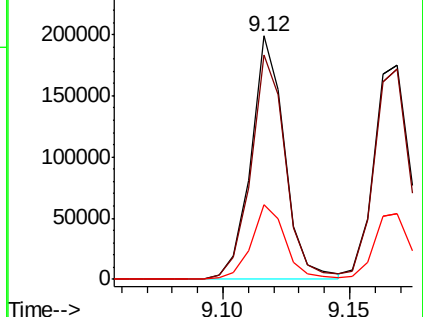
200 30.5 24.3 36.5



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: 33.598 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF112338.D

Acq: 30 Jan 2019 23:01

Tgt Ion:196 Resp: 192700

Ion Ratio Lower Upper

196 100

198 97.9 76.0 114.0

97 43.9 36.4 54.6

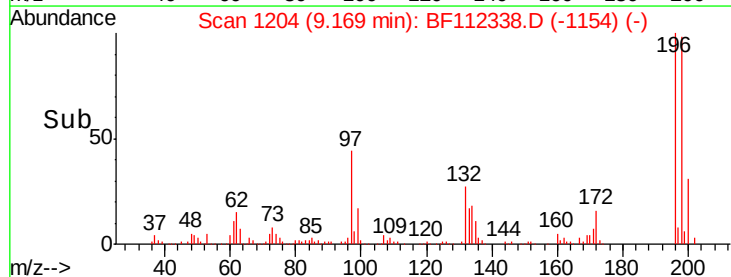
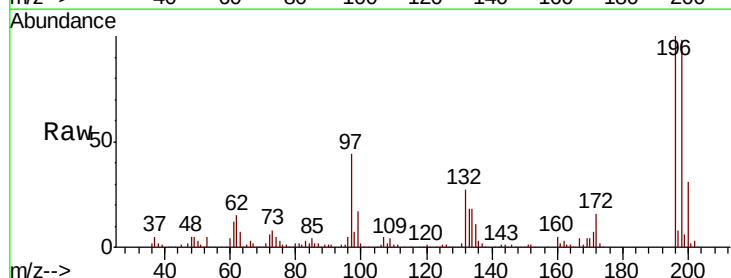
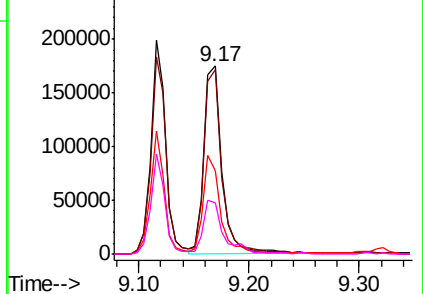
132 27.1 21.5 32.3

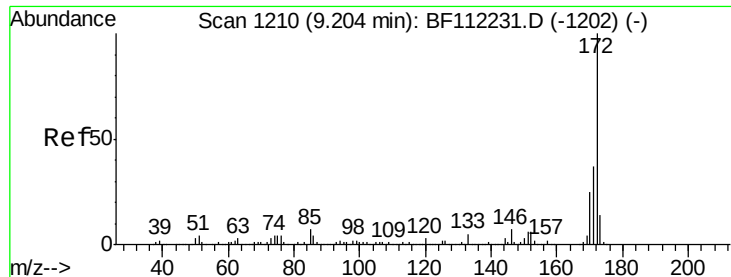
Abundance Ion 196.00 (195.70 to 196.70): E

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

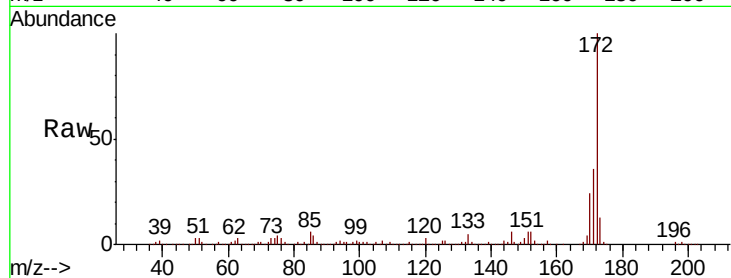




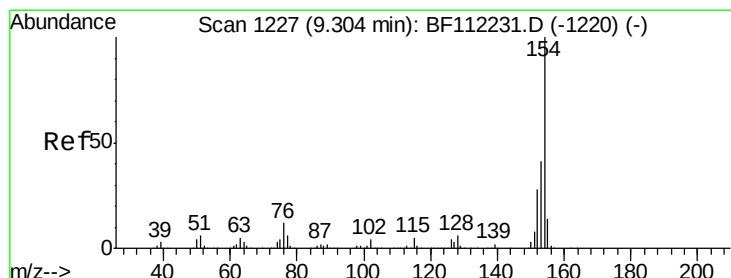
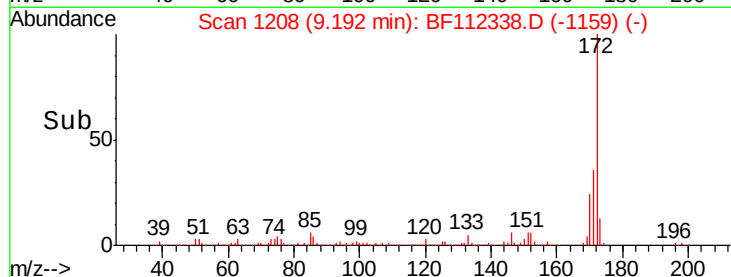
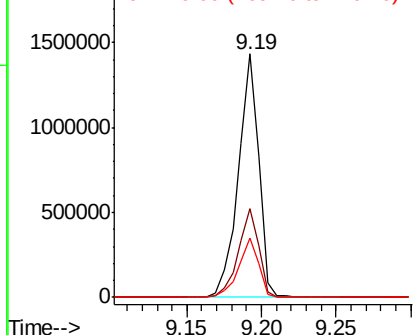
#45
2-Fluorobiphenyl
Concen: 71.622 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF112338.D
Acq: 30 Jan 2019 23:01

Instrument :
BNA_F
ClientSampleId :
PB116708BS

Tgt Ion:172 Resp: 1373095
Ion Ratio Lower Upper
172 100
171 36.4 30.5 45.7
170 24.1 20.2 30.4

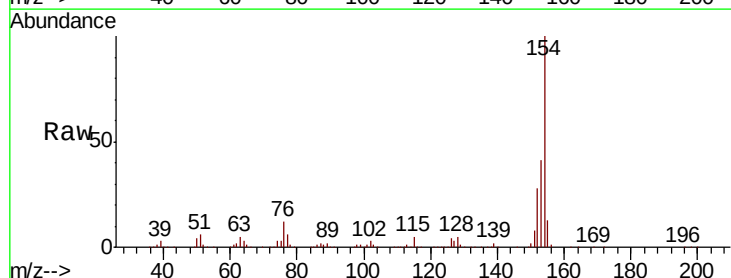


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

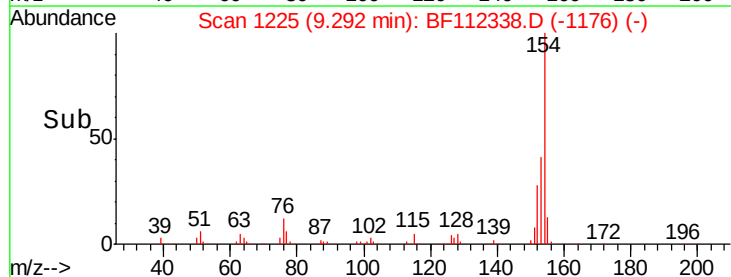
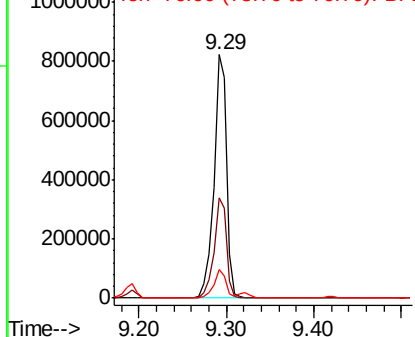


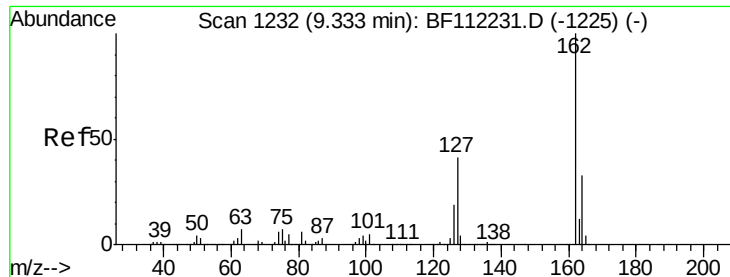
#46
1,1'-Biphenyl
Concen: 34.820 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF112338.D
Acq: 30 Jan 2019 23:01

Tgt Ion:154 Resp: 825388
Ion Ratio Lower Upper
154 100
153 41.0 21.5 61.5
76 11.9 0.0 33.1



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

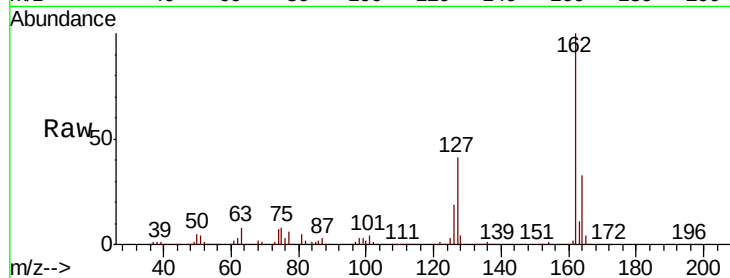




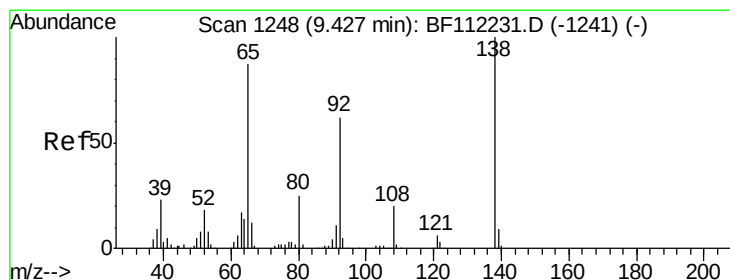
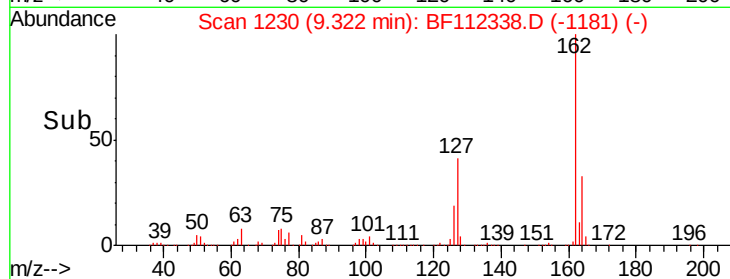
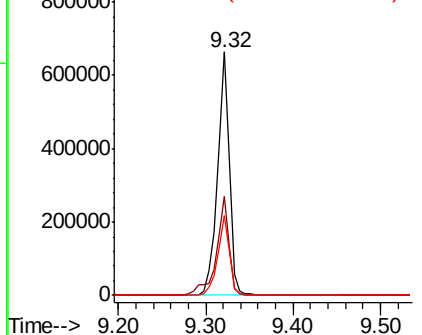
#47
 2-Chloronaphthalene
 Concen: 34.116 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BF112338.D
 Acq: 30 Jan 2019 23:01

Instrument :
 BNA_F
 ClientSampleId :
 PB116708BS

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.9	30.4	45.6
164	33.0	27.4	41.2

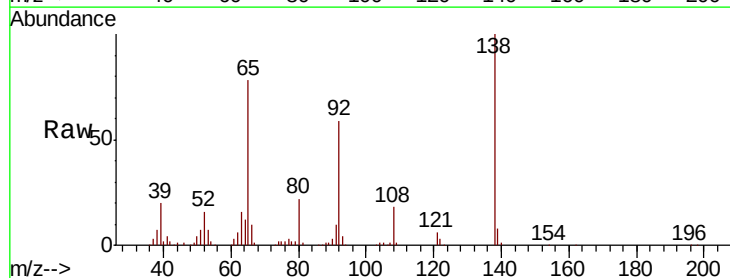


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

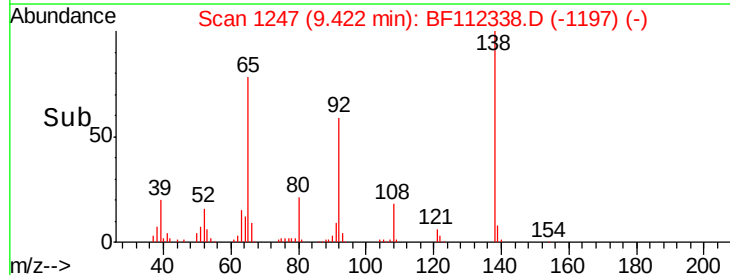
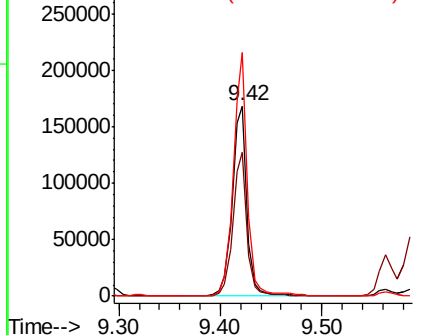


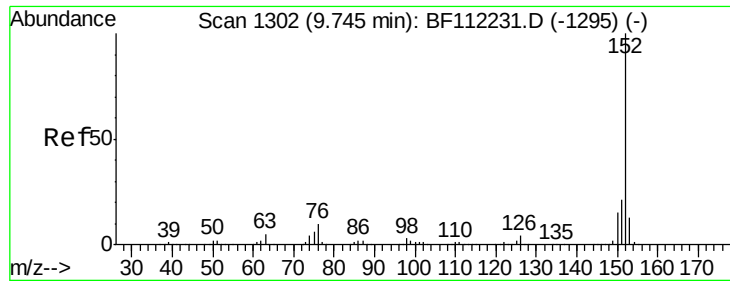
#48
 2-Nitroaniline
 Concen: 34.008 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.01 min
 Lab File: BF112338.D
 Acq: 30 Jan 2019 23:01

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.6	60.4	90.6
138	127.8	104.4	156.6



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





#49

Acenaphthylene

Concen: 36.338 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BF112338.D

Acq: 30 Jan 2019 23:01

Instrument :

BNA_F

ClientSampleId :

PB116708BS

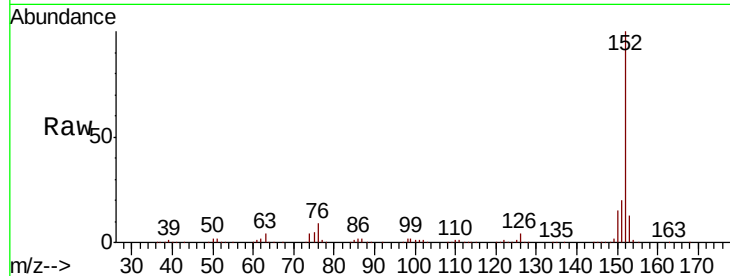
Tgt Ion:152 Resp: 979041

Ion Ratio Lower Upper

152 100

151 20.4 17.0 25.6

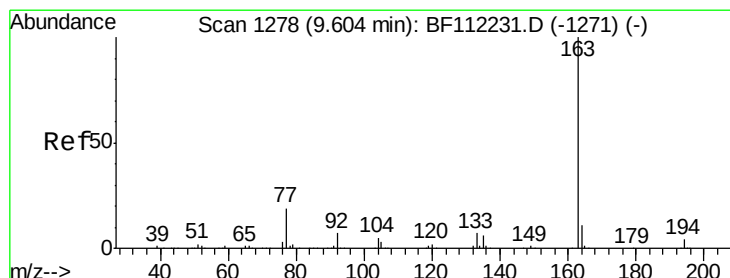
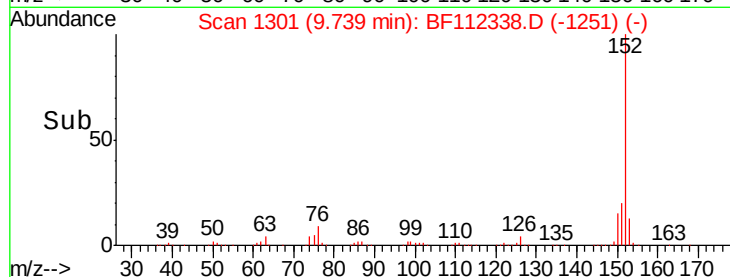
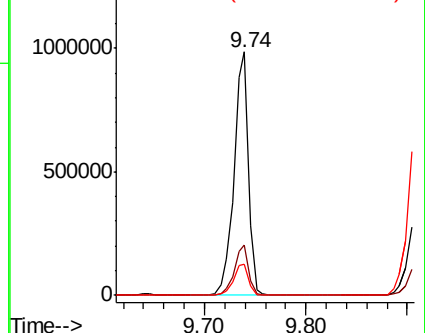
153 13.0 11.2 16.8



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: 34.931 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.01 min

Lab File: BF112338.D

Acq: 30 Jan 2019 23:01

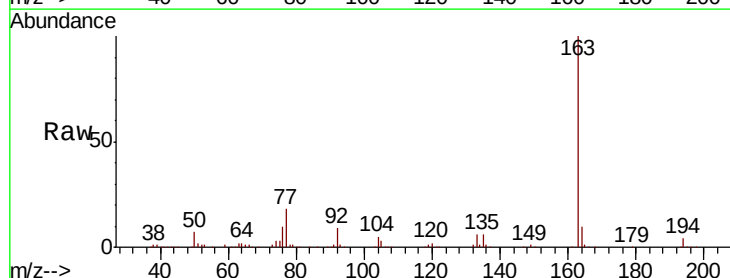
Tgt Ion:163 Resp: 735881

Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

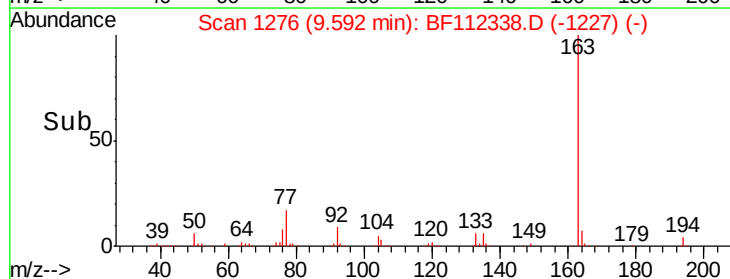
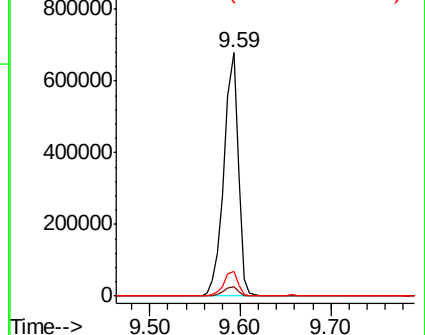
164 10.2 8.5 12.7

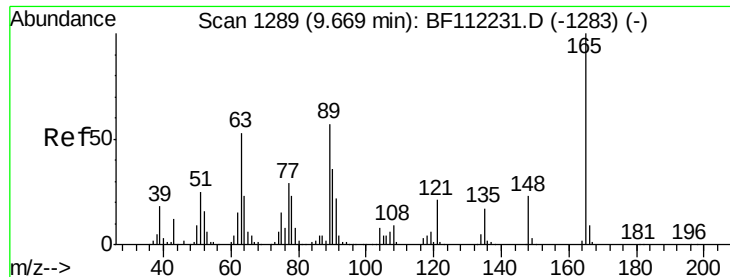


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 33.558 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF112338.D

Acq: 30 Jan 2019 23:01

Instrument :

BNA_F

ClientSampleId :

PB116708BS

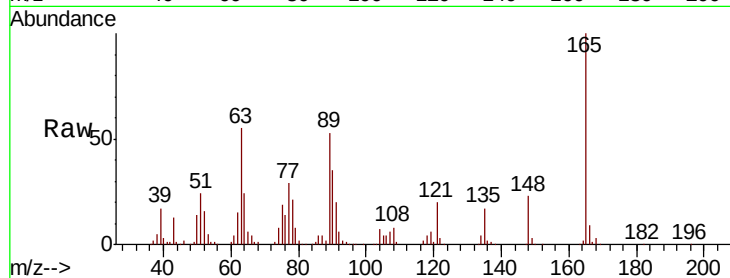
Tgt Ion:165 Resp: 158330

Ion Ratio Lower Upper

165 100

63 55.0 33.8 50.8#

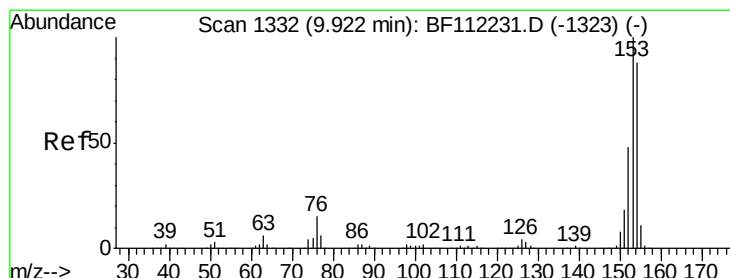
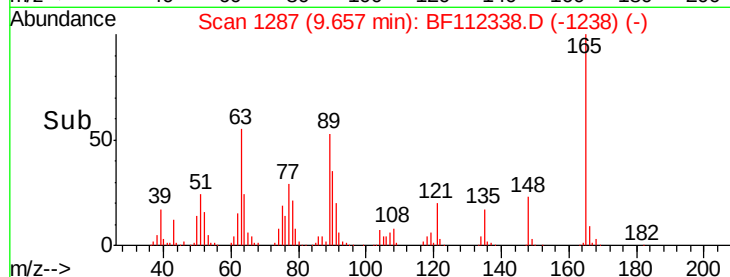
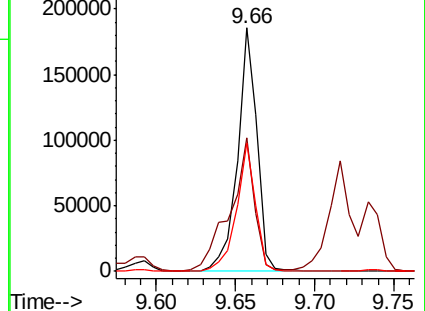
89 52.6 36.9 55.3



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: 35.053 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF112338.D

Acq: 30 Jan 2019 23:01

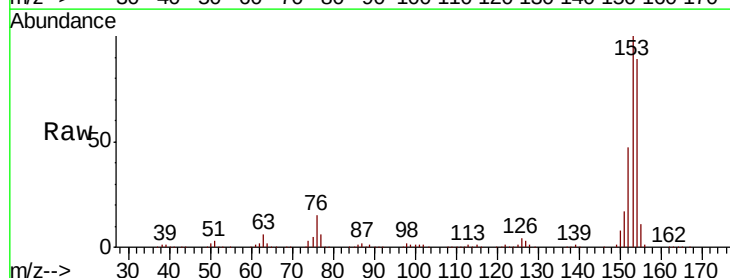
Tgt Ion:154 Resp: 564171

Ion Ratio Lower Upper

154 100

153 112.8 89.8 134.6

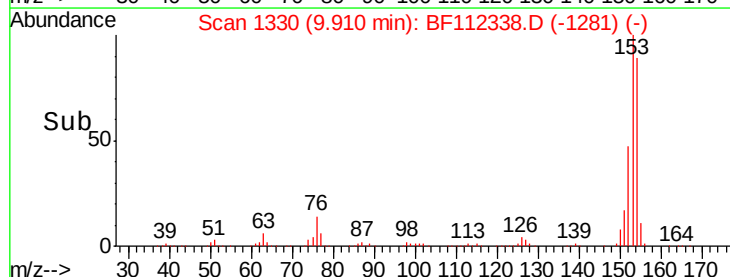
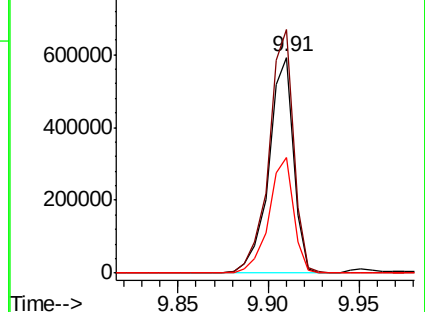
152 53.4 43.5 65.3

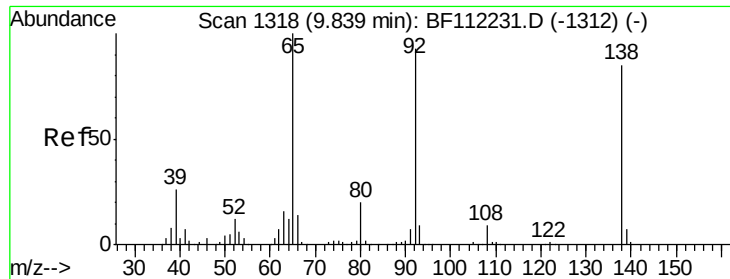


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

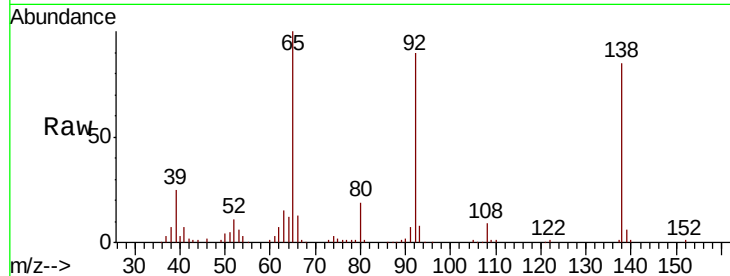




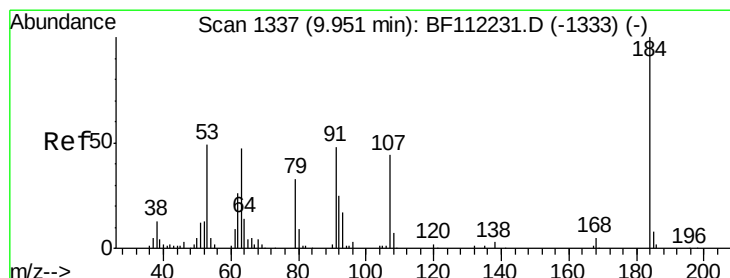
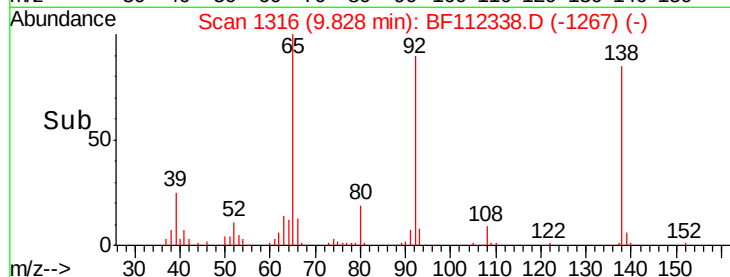
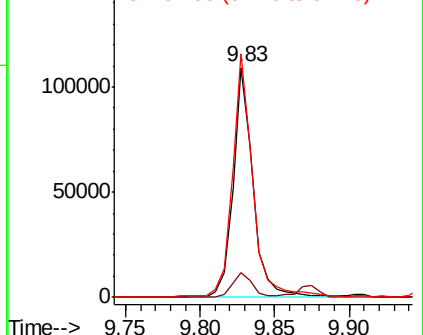
#53
3-Nitroaniline
Concen: 20.162 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF112338.D
Acq: 30 Jan 2019 23:01

Instrument :
BNA_F
ClientSampleId :
PB116708BS

Tgt Ion:138 Resp: 103060
Ion Ratio Lower Upper
138 100
108 10.5 9.8 14.6
92 105.9 79.4 119.2

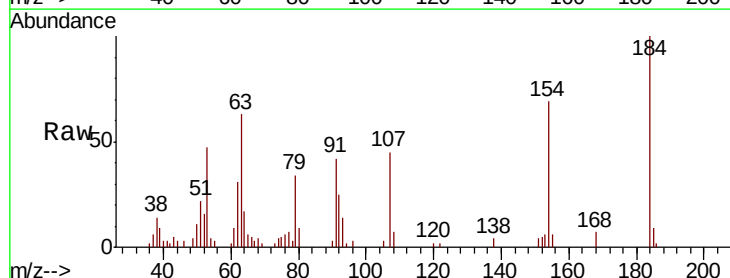


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

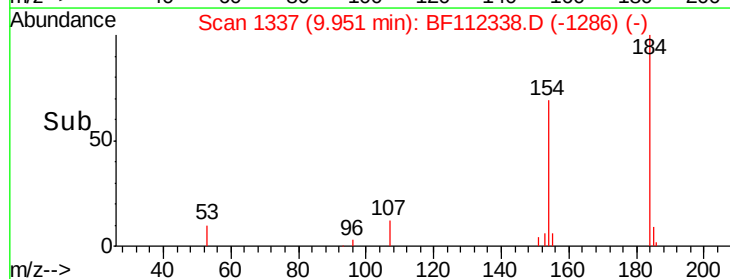
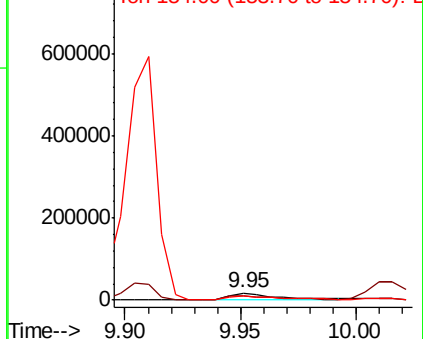


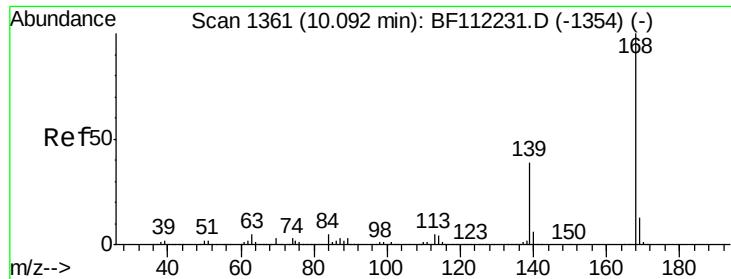
#54
2,4-Dinitrophenol
Concen: 16.146 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF112338.D
Acq: 30 Jan 2019 23:01

Tgt Ion:184 Resp: 24448
Ion Ratio Lower Upper
184 100
63 63.2 47.1 70.7
154 68.9 48.9 73.3



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

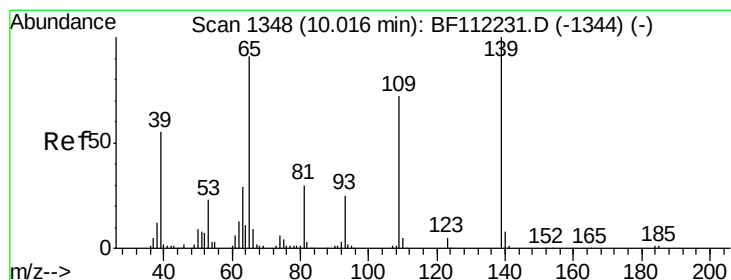
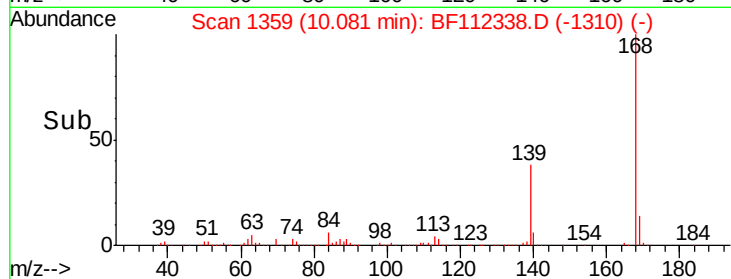
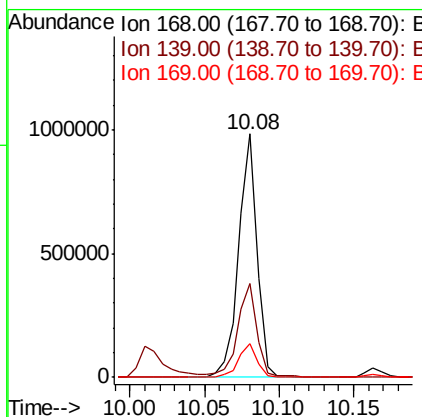
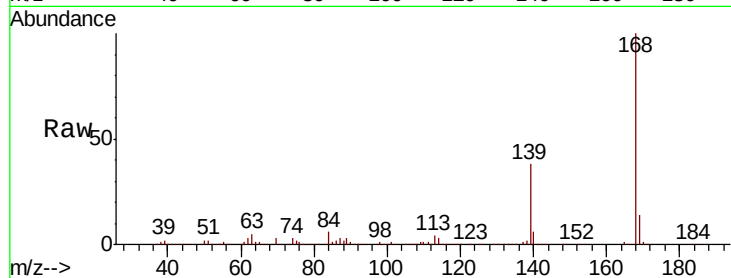




#55
Dibenzenofuran
Concen: 34.606 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF112338.D
Acq: 30 Jan 2019 23:01

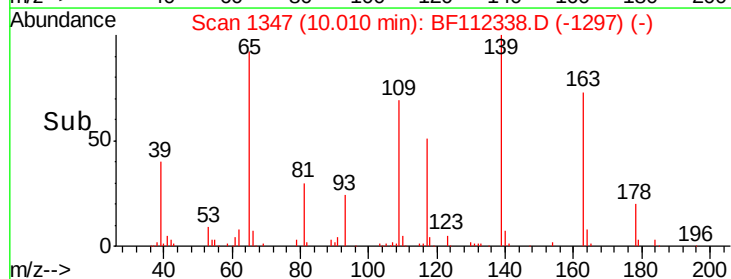
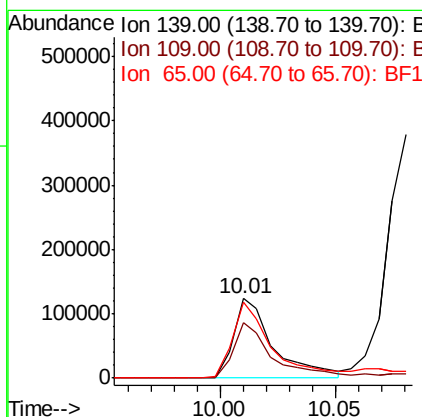
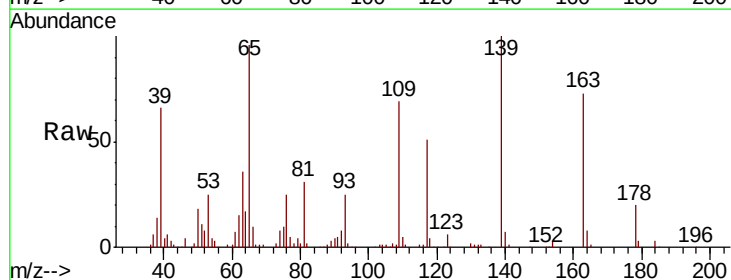
Instrument :
BNA_F
ClientSampleId :
PB116708BS

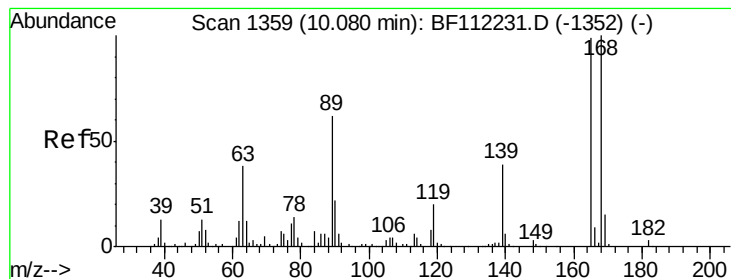
Tgt Ion:168 Resp: 851159
Ion Ratio Lower Upper
168 100
139 38.5 29.2 43.8
169 13.8 11.4 17.0



#56
4-Nitrophenol
Concen: 55.119 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF112338.D
Acq: 30 Jan 2019 23:01

Tgt Ion:139 Resp: 148954
Ion Ratio Lower Upper
139 100
109 69.0 42.8 82.8
65 95.6 66.1 106.1





#57

2,4-Dinitrotoluene

Concen: 34.452 ng

RT: 10.07 min Scan# 1357

Delta R.T. -0.01 min

Lab File: BF112338.D

Acq: 30 Jan 2019 23:01

Instrument :

BNA_F

ClientSampleId :

PB116708BS

Tgt Ion:165 Resp: 206937

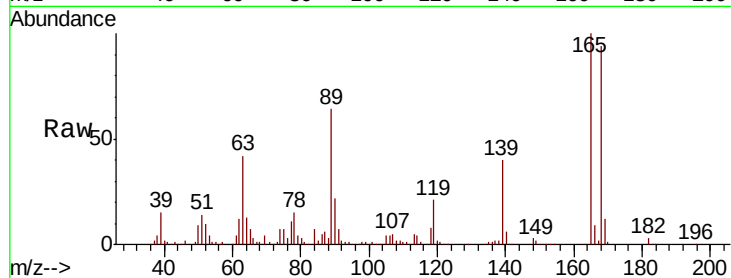
Ion Ratio Lower Upper

165 100

63 42.2 27.9 41.9#

89 64.0 47.9 71.9

182 2.6 2.2 3.4

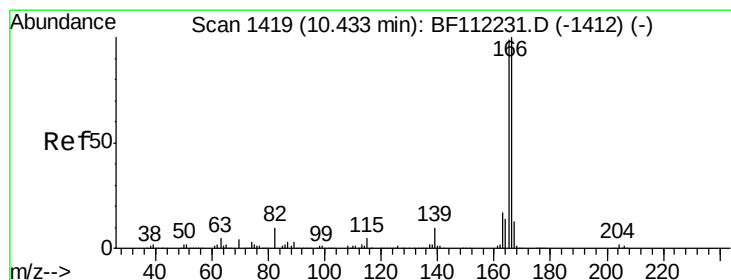
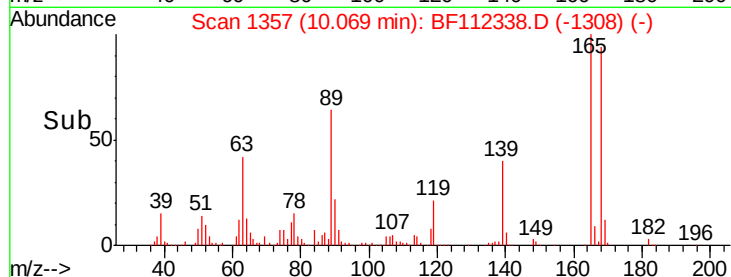
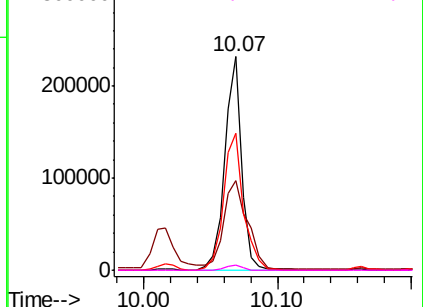


Abundance Ion 165.00 (164.70 to 165.70): E

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: 36.380 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.01 min

Lab File: BF112338.D

Acq: 30 Jan 2019 23:01

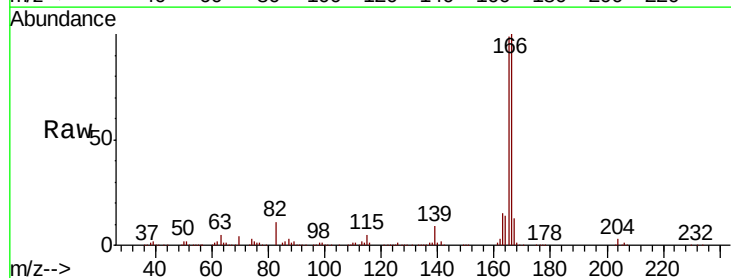
Tgt Ion:166 Resp: 669596

Ion Ratio Lower Upper

166 100

165 98.9 77.1 115.7

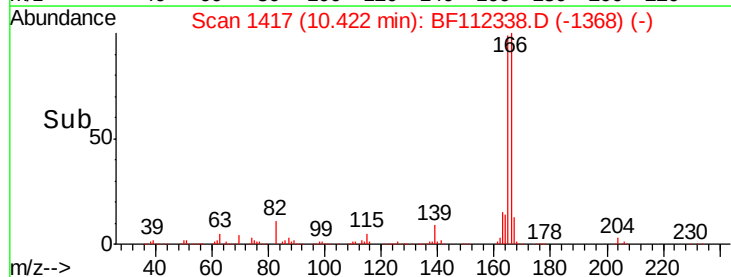
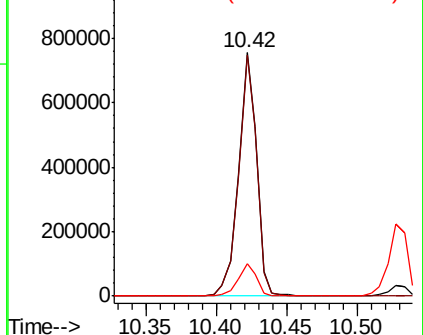
167 13.5 11.3 16.9

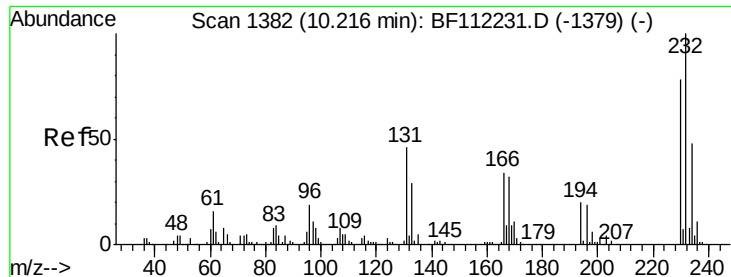


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

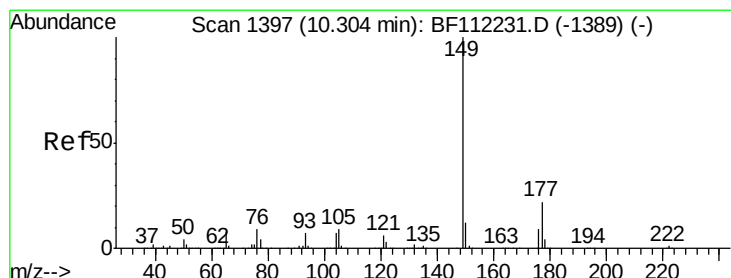
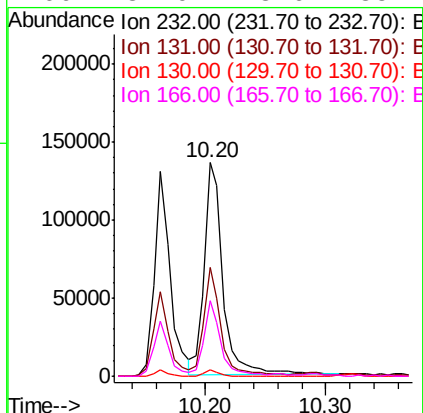
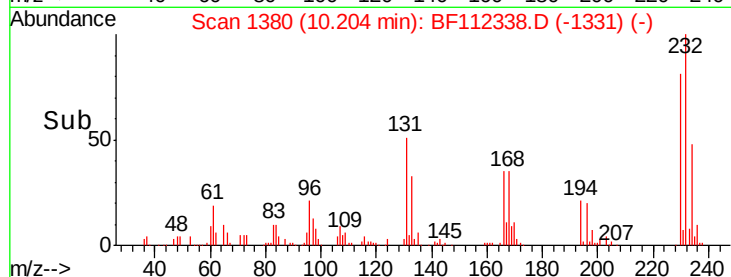
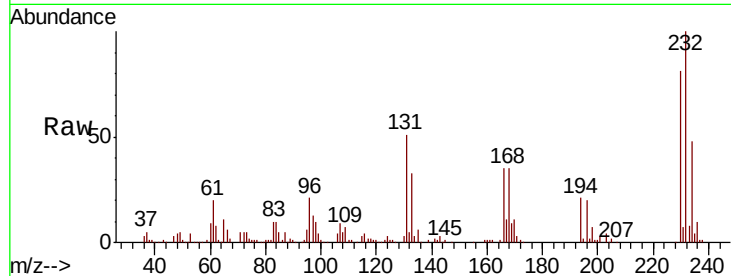




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 33.827 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. -0.01 min
 Lab File: BF112338.D
 Acq: 30 Jan 2019 23:01

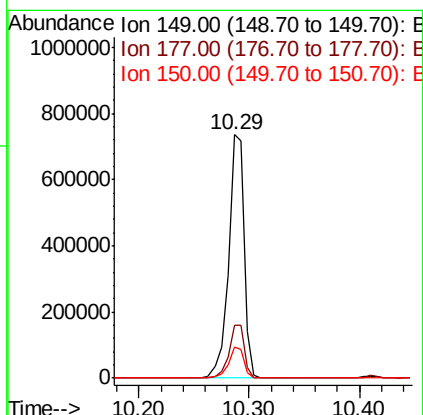
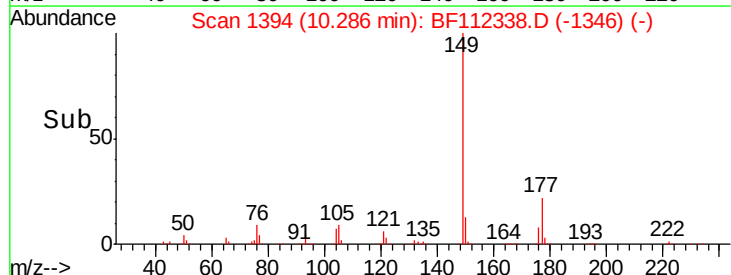
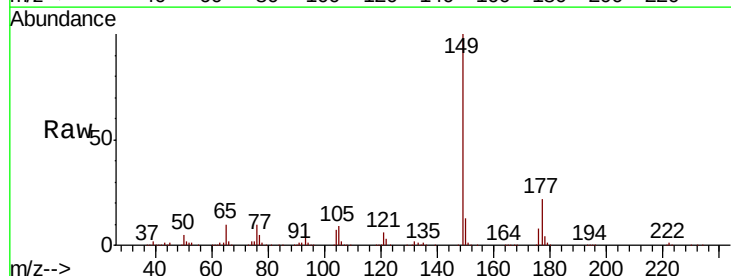
Instrument :
 BNA_F
 ClientSampleId :
 PB116708BS

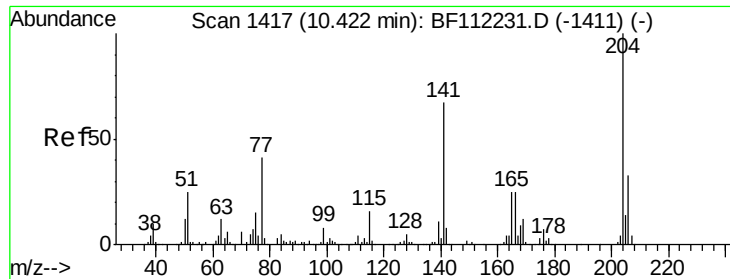
Tgt Ion	Ratio	Lower	Upper
232	100		
131	45.1	33.9	50.9
130	2.5	1.8	2.6
166	31.0	23.6	35.4



#60
 Diethylphthalate
 Concen: 34.862 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. -0.02 min
 Lab File: BF112338.D
 Acq: 30 Jan 2019 23:01

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.6	18.2	27.2
150	12.7	10.4	15.6

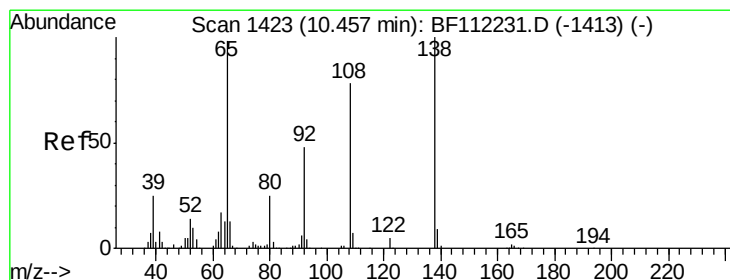
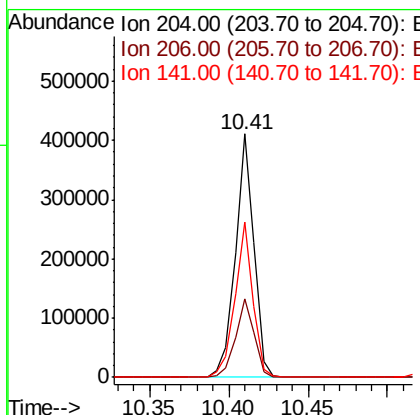
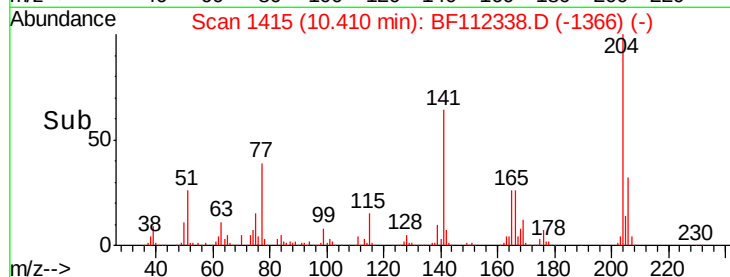
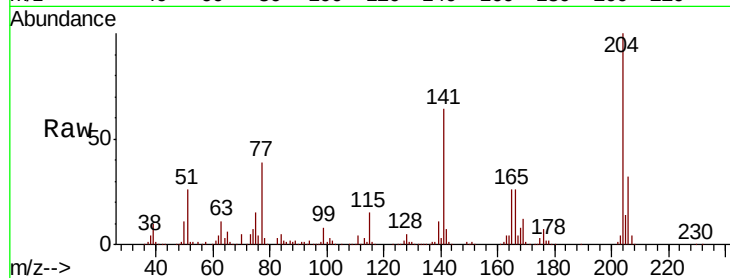




#61
4-Chlorophenyl-phenylether
Concen: 33.391 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF112338.D
Acq: 30 Jan 2019 23:01

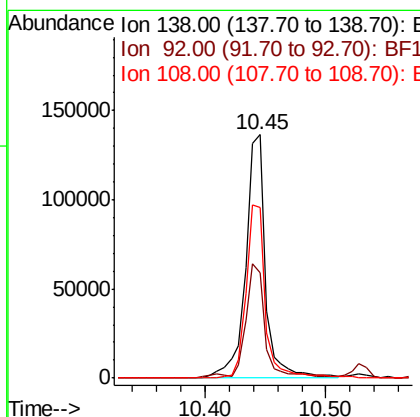
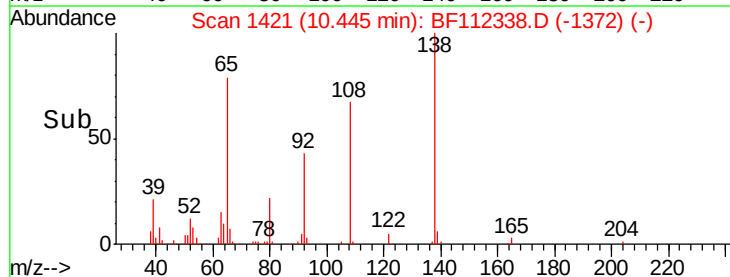
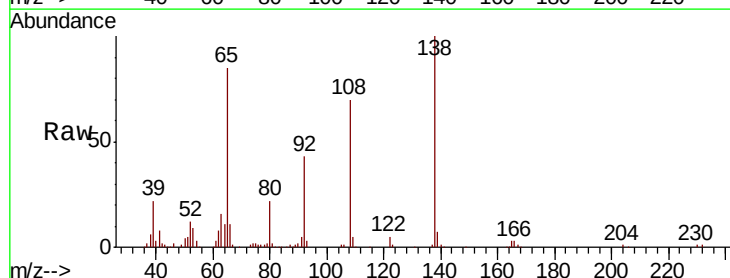
Instrument :
BNA_F
ClientSampleId :
PB116708BS

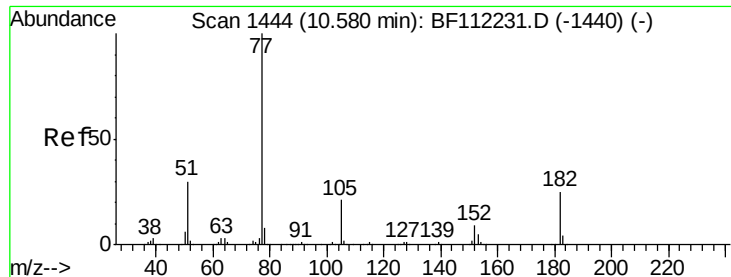
Tgt Ion: 204 Resp: 334318
Ion Ratio Lower Upper
204 100
206 32.3 26.5 39.7
141 63.7 45.9 68.9



#62
4-Nitroaniline
Concen: 31.486 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF112338.D
Acq: 30 Jan 2019 23:01

Tgt Ion: 138 Resp: 157862
Ion Ratio Lower Upper
138 100
92 43.2 30.6 70.6
108 70.0 50.0 90.0





#63

Azobenzene

Concen: 33.552 ng

RT: 10.57 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BF112338.D

Acq: 30 Jan 2019 23:01

Instrument :

BNA_F

ClientSampleId :

PB116708BS

Tgt Ion: 77 Resp: 616913

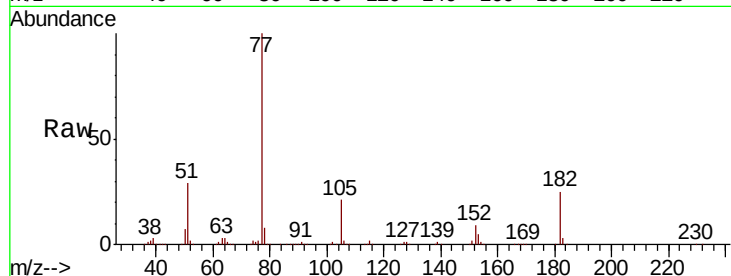
Ion Ratio Lower Upper

77 100

182 24.9 5.7 45.7

105 21.0 1.4 41.4

51 28.8 9.5 49.5

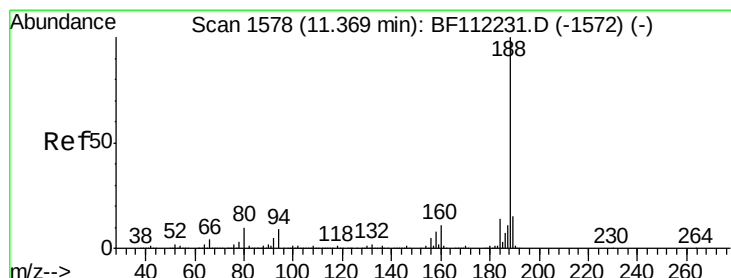
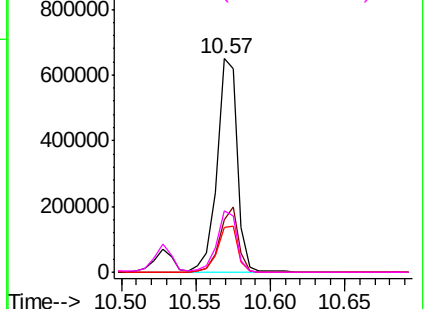
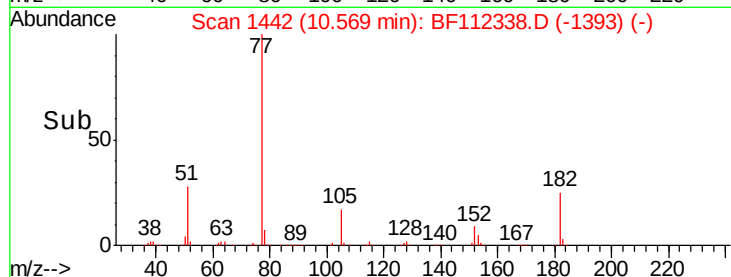


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF112338.D

Acq: 30 Jan 2019 23:01

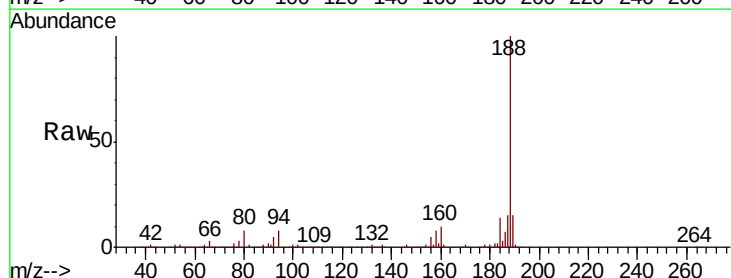
Tgt Ion: 188 Resp: 480178

Ion Ratio Lower Upper

188 100

94 8.0 8.2 12.2#

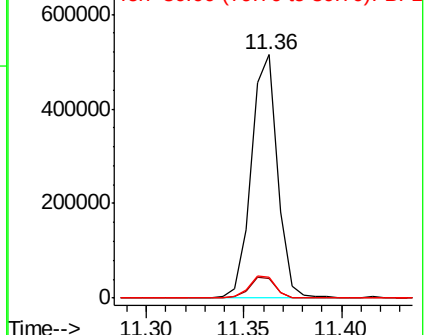
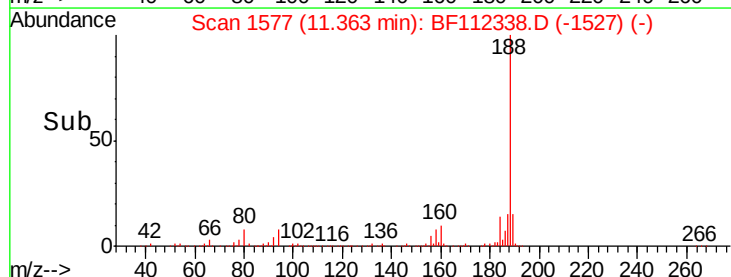
80 8.3 8.9 13.3#

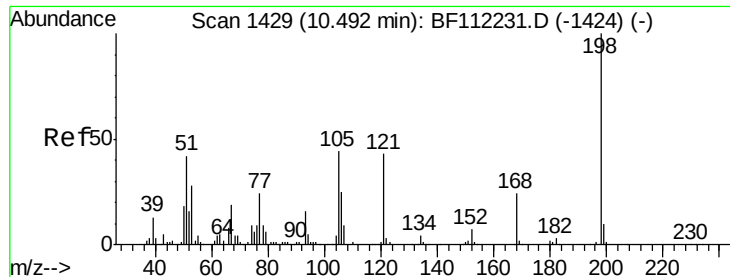


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

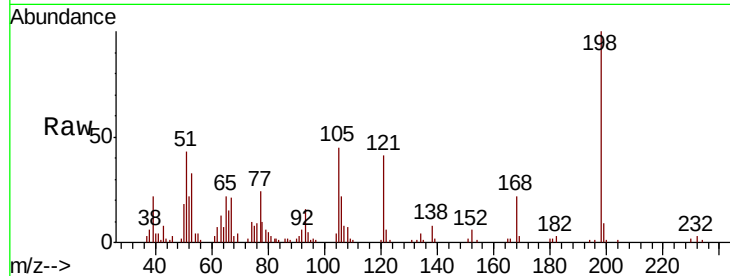




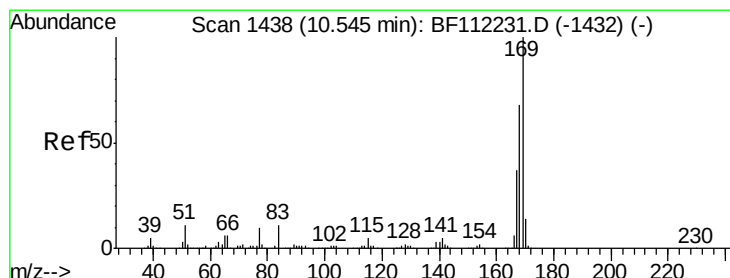
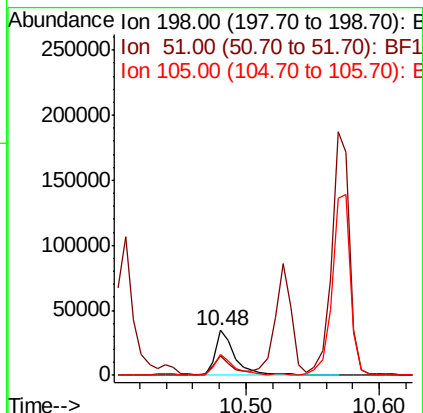
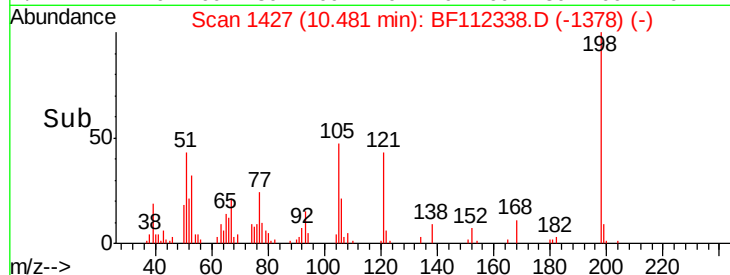
#65
 4,6-Dinitro-2-methylphenol
 Concen: 13.690 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF112338.D
 Acq: 30 Jan 2019 23:01

Instrument :
 BNA_F
 ClientSampleId :
 PB116708BS

Tgt Ion	Resp	Lower	Upper
198	36855		
51	43.1	17.2	57.2
105	45.4	21.9	61.9

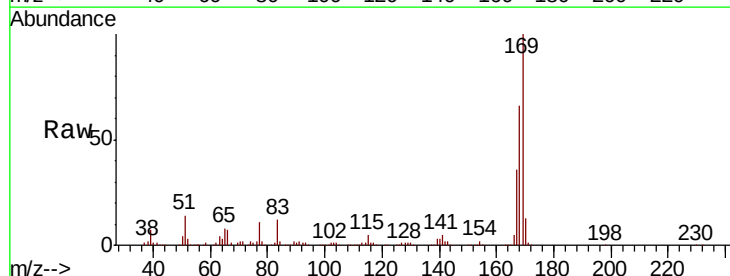


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

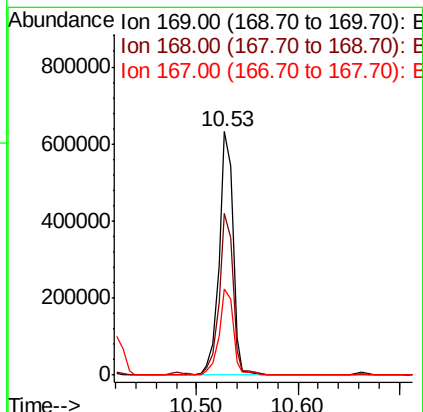
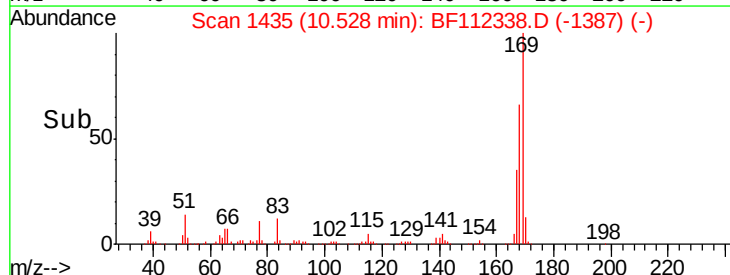


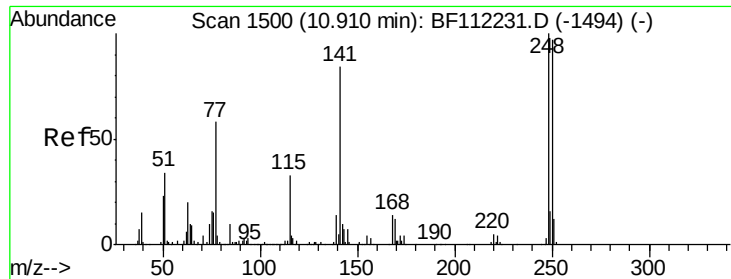
#66
 n-Nitrosodiphenylamine
 Concen: 37.053 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.02 min
 Lab File: BF112338.D
 Acq: 30 Jan 2019 23:01

Tgt Ion	Resp	Lower	Upper
169	599642		
168	66.4	53.9	80.9
167	35.6	28.9	43.3



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

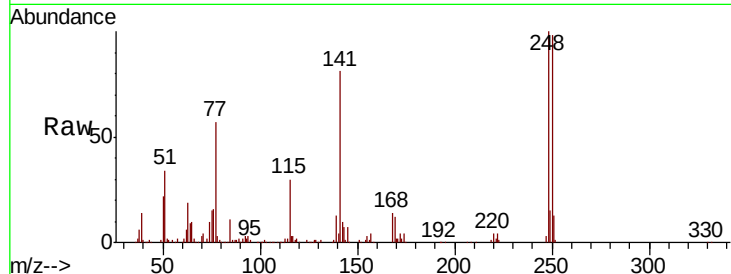




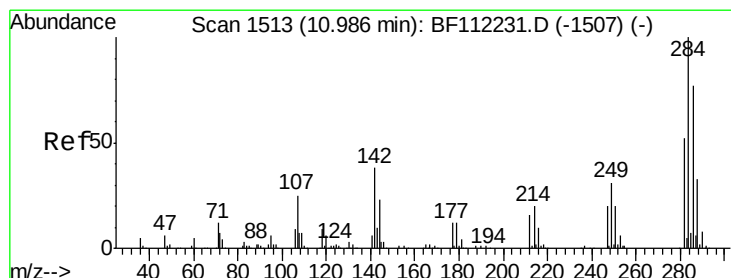
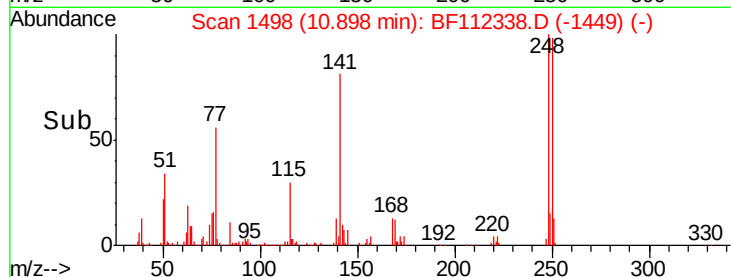
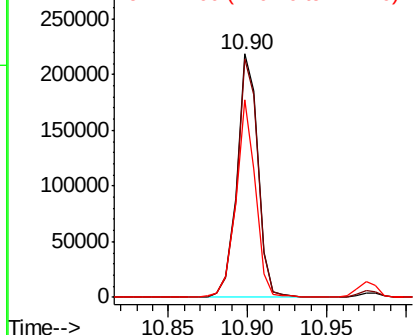
#67
 4-Bromophenyl-phenylether
 Concen: 35.459 ng
 RT: 10.90 min Scan# 1498
 Delta R.T. -0.01 min
 Lab File: BF112338.D
 Acq: 30 Jan 2019 23:01

Instrument :
 BNA_F
 ClientSampleId :
 PB116708BS

Tgt Ion:248 Resp: 200258
 Ion Ratio Lower Upper
 248 100
 250 97.9 79.7 119.5
 141 81.2 60.3 90.5

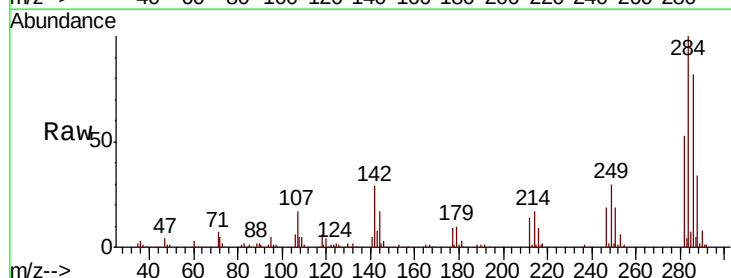


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

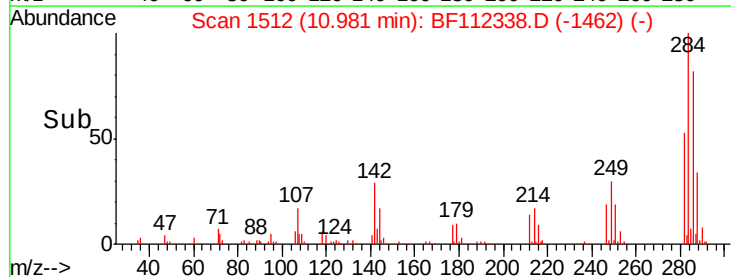
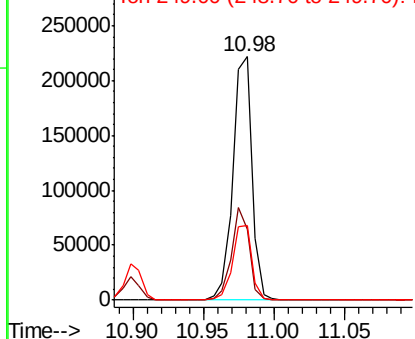


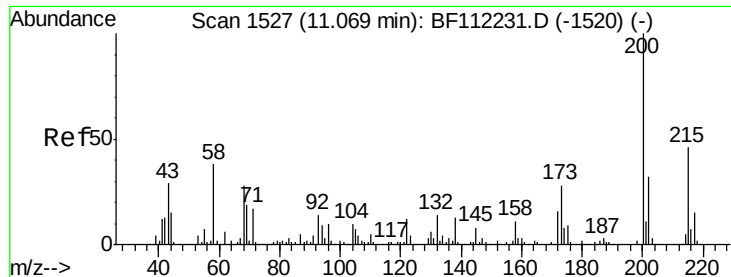
#68
 Hexachlorobenzene
 Concen: 34.658 ng
 RT: 10.98 min Scan# 1512
 Delta R.T. -0.01 min
 Lab File: BF112338.D
 Acq: 30 Jan 2019 23:01

Tgt Ion:284 Resp: 209999
 Ion Ratio Lower Upper
 284 100
 142 29.1 27.6 41.4
 249 30.5 24.1 36.1



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: 36.434 ng

RT: 11.06 min Scan# 1525

Delta R.T. -0.01 min

Lab File: BF112338.D

Acq: 30 Jan 2019 23:01

Instrument :

BNA_F

ClientSampleId :

PB116708BS

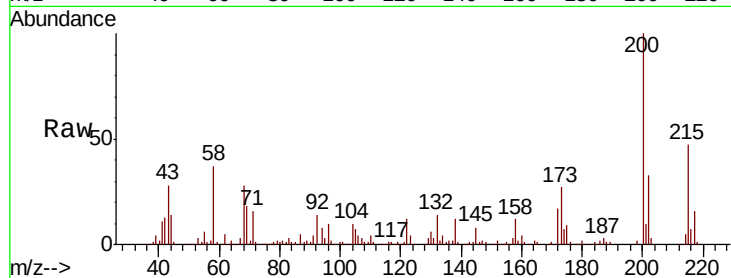
Tgt Ion:200 Resp: 190254

Ion Ratio Lower Upper

200 100

173 27.1 7.1 47.1

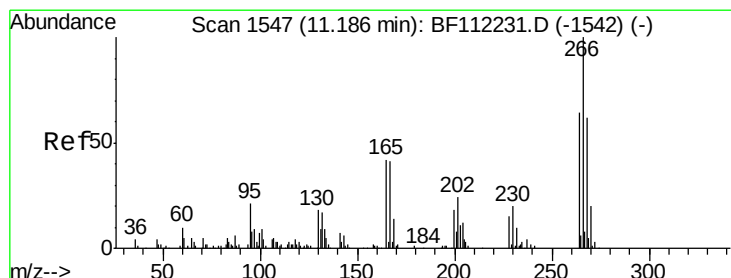
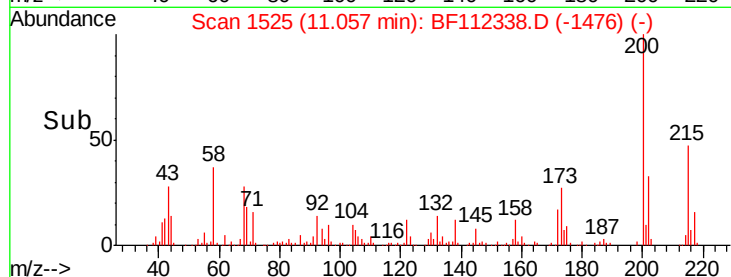
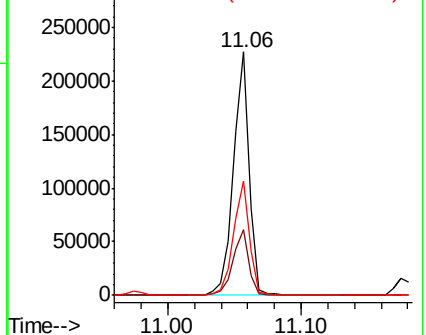
215 47.1 30.4 70.4



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: 47.140 ng

RT: 11.17 min Scan# 1545

Delta R.T. -0.01 min

Lab File: BF112338.D

Acq: 30 Jan 2019 23:01

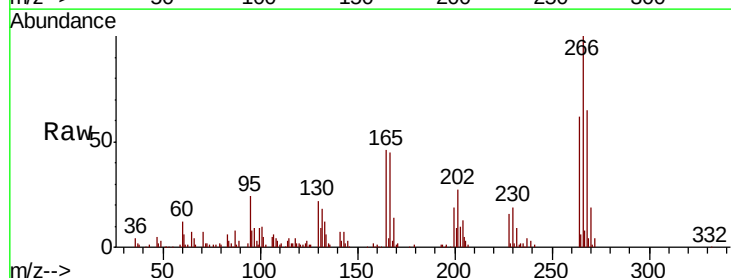
Tgt Ion:266 Resp: 111139

Ion Ratio Lower Upper

266 100

268 65.5 51.2 76.8

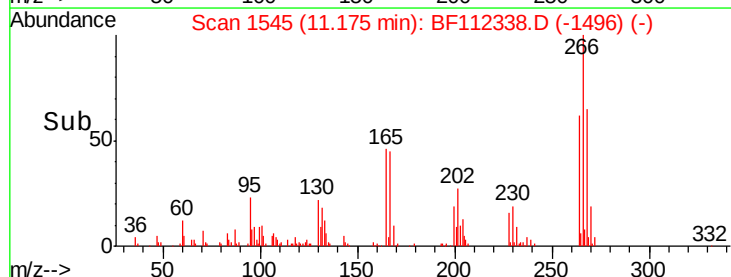
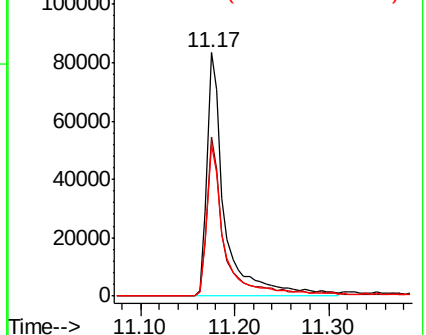
264 62.4 50.9 76.3

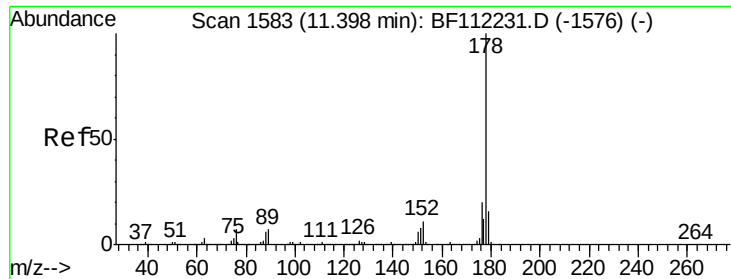


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

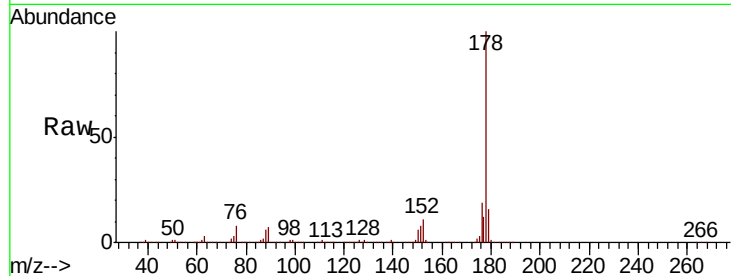




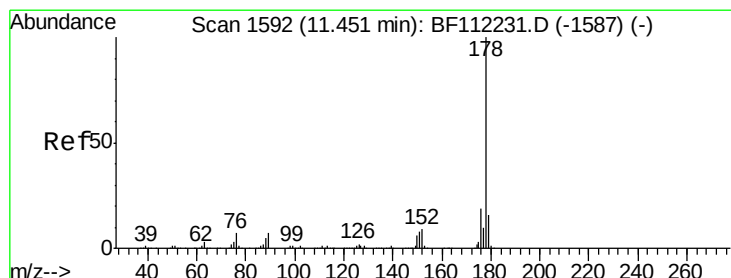
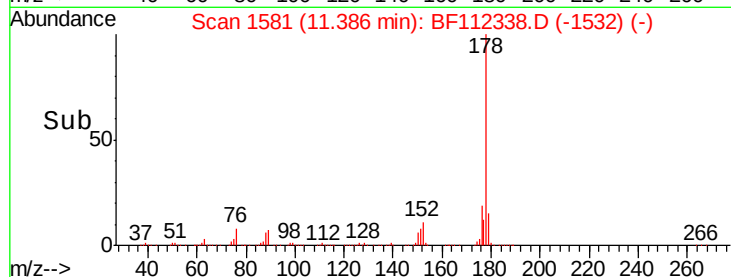
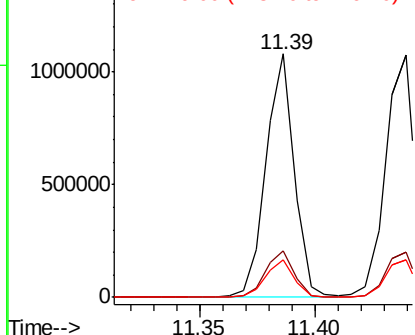
#71
Phenanthrene
Concen: 36.917 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF112338.D
Acq: 30 Jan 2019 23:01

Instrument :
BNA_F
ClientSampleId :
PB116708BS

Tgt Ion:178 Resp: 921581
Ion Ratio Lower Upper
178 100
176 19.3 16.3 24.5
179 15.6 13.0 19.4

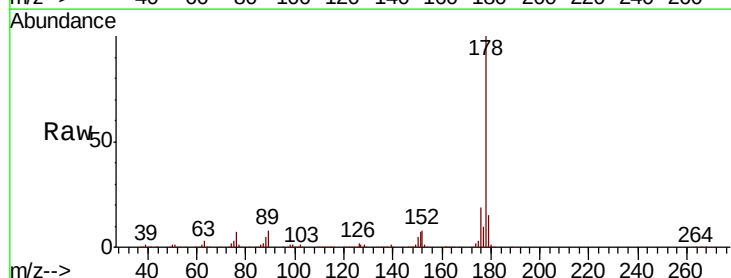


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

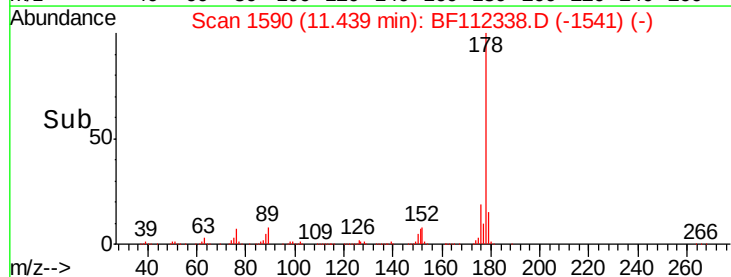
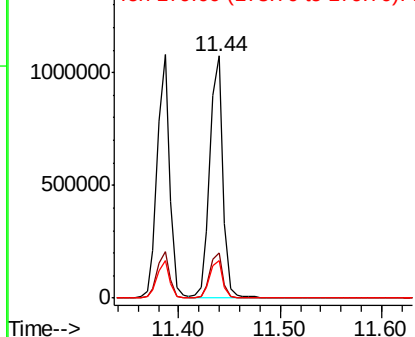


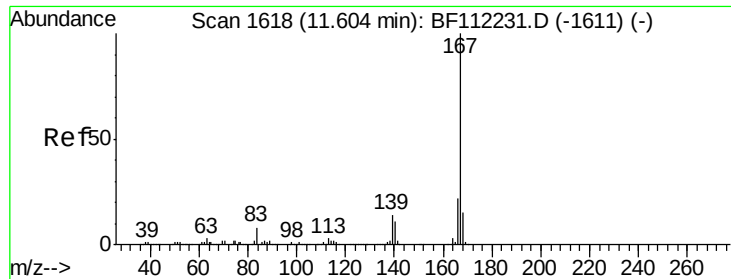
#72
Anthracene
Concen: 39.004 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF112338.D
Acq: 30 Jan 2019 23:01

Tgt Ion:178 Resp: 969924
Ion Ratio Lower Upper
178 100
176 18.8 15.5 23.3
179 15.3 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

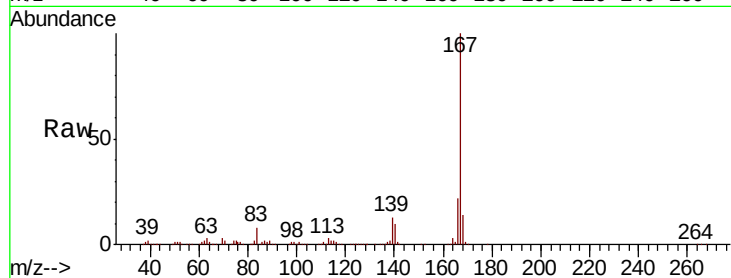




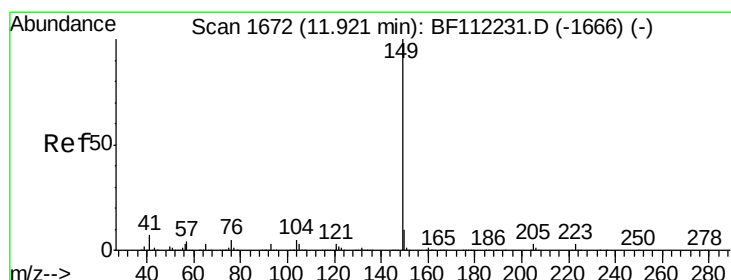
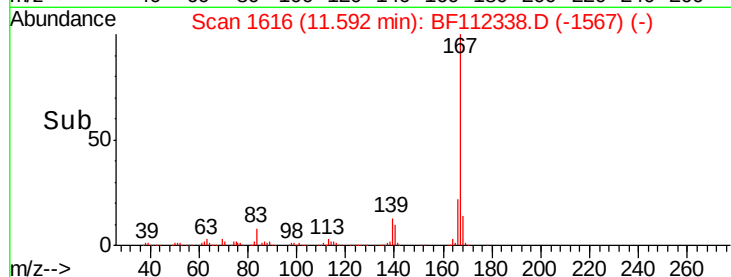
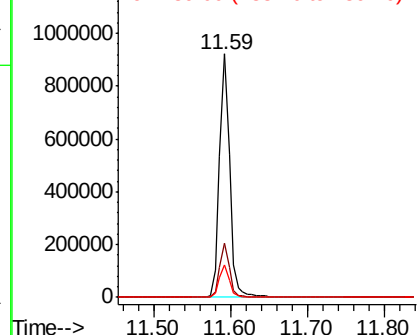
#73
 Carbazole
 Concen: 33.782 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. -0.01 min
 Lab File: BF112338.D
 Acq: 30 Jan 2019 23:01

Instrument :
 BNA_F
 ClientSampleId :
 PB116708BS

Tgt Ion:167 Resp: 828662
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.9 26.9
 139 13.2 10.2 15.2

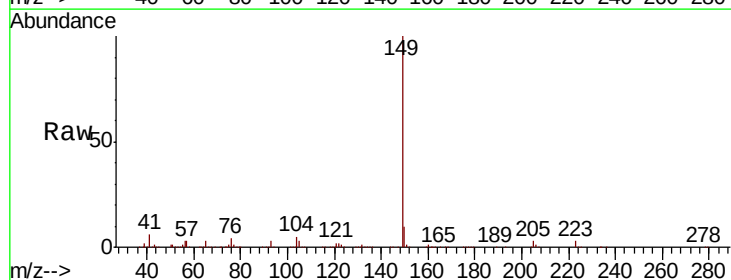


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

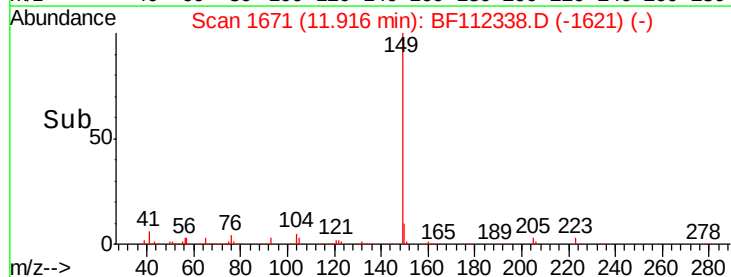
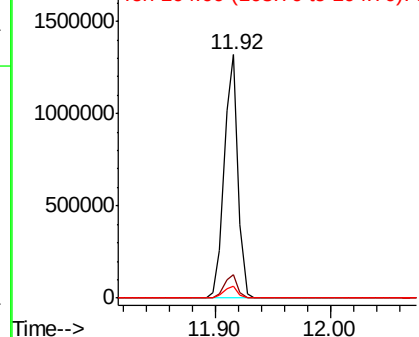


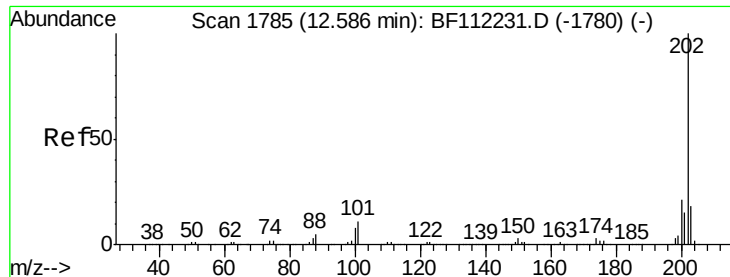
#74
 Di-n-butylphthalate
 Concen: 35.544 ng
 RT: 11.92 min Scan# 1671
 Delta R.T. -0.01 min
 Lab File: BF112338.D
 Acq: 30 Jan 2019 23:01

Tgt Ion:149 Resp: 1082213
 Ion Ratio Lower Upper
 149 100
 150 9.6 8.1 12.1
 104 4.7 3.9 5.9



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





#75

Fluoranthene

Concen: 34.262 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BF112338.D

Acq: 30 Jan 2019 23:01

Instrument :

BNA_F

ClientSampleId :

PB116708BS

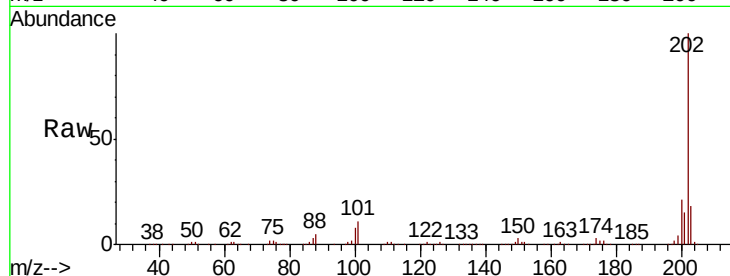
Tgt Ion: 202 Resp: 917364

Ion Ratio Lower Upper

202 100

101 11.2 0.0 31.8

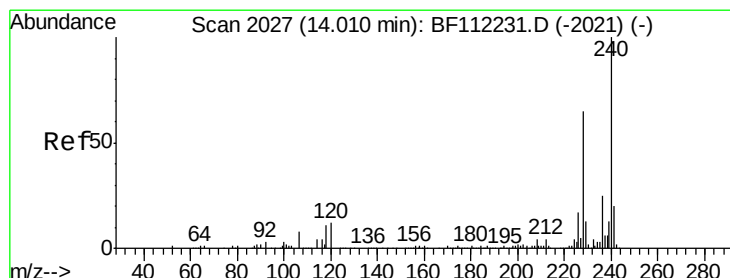
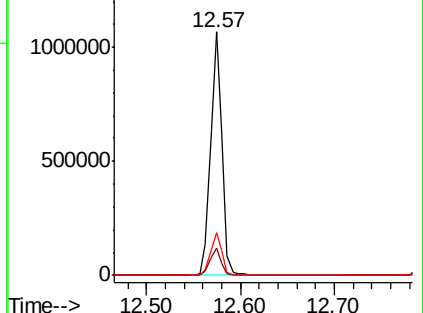
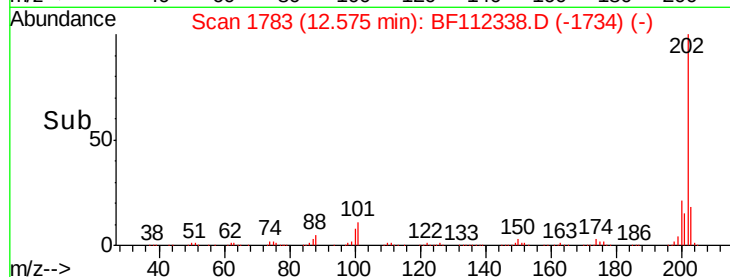
203 17.6 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF112338.D

Acq: 30 Jan 2019 23:01

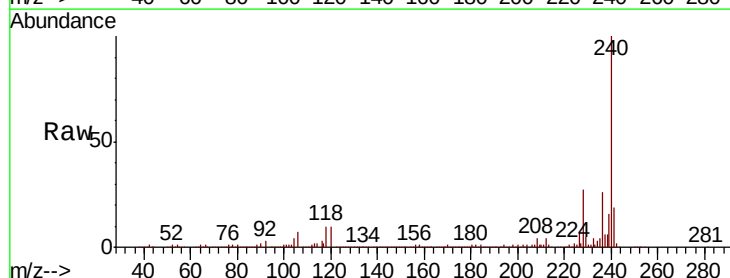
Tgt Ion: 240 Resp: 355328

Ion Ratio Lower Upper

240 100

120 10.3 9.0 13.6

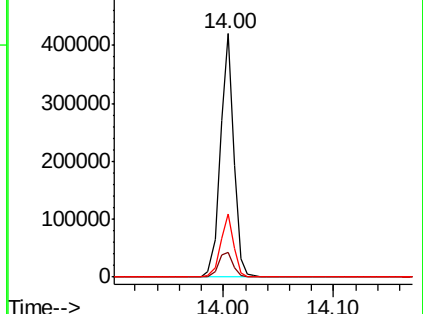
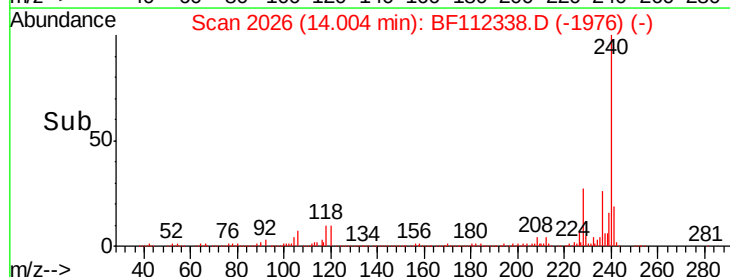
236 26.2 20.7 31.1

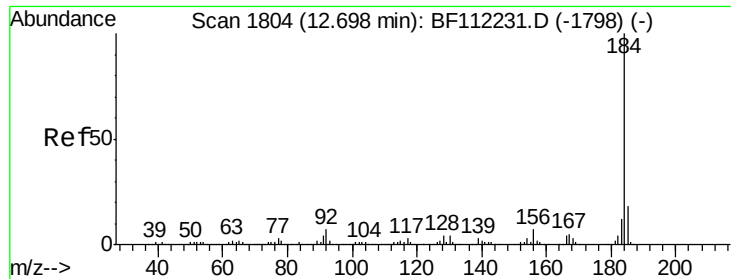


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 38.291 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF112338.D

Acq: 30 Jan 2019 23:01

Instrument :

BNA_F

ClientSampleId :

PB116708BS

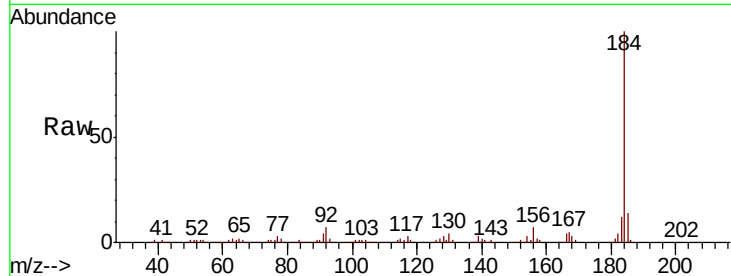
Tgt Ion:184 Resp: 374483

Ion Ratio Lower Upper

184 100

185 14.2 13.9 20.9

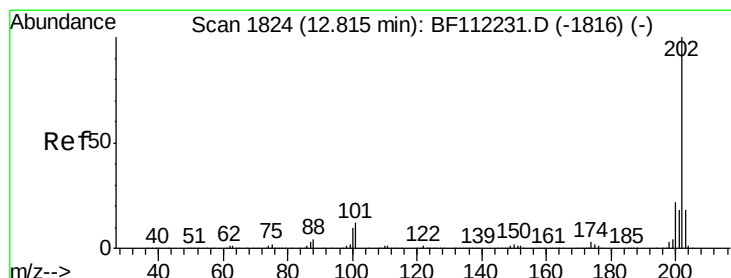
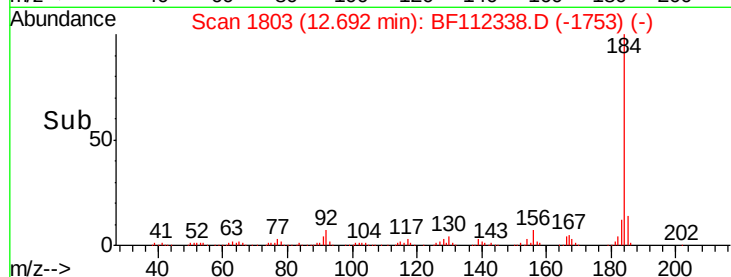
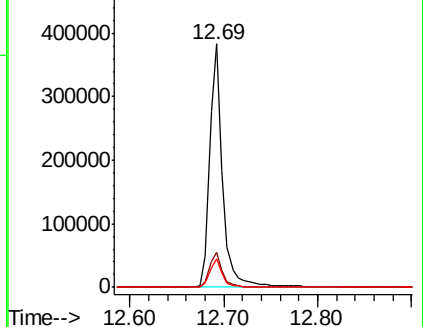
183 11.7 10.0 15.0



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: 36.678 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BF112338.D

Acq: 30 Jan 2019 23:01

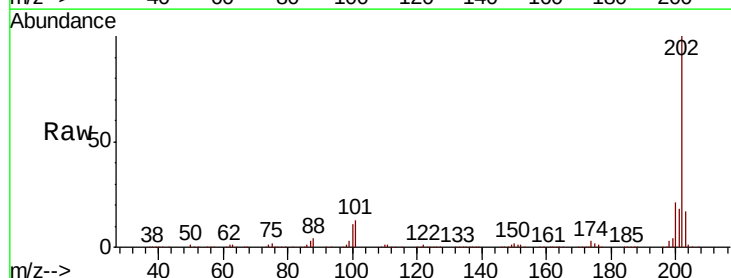
Tgt Ion:202 Resp: 902304

Ion Ratio Lower Upper

202 100

200 21.0 17.7 26.5

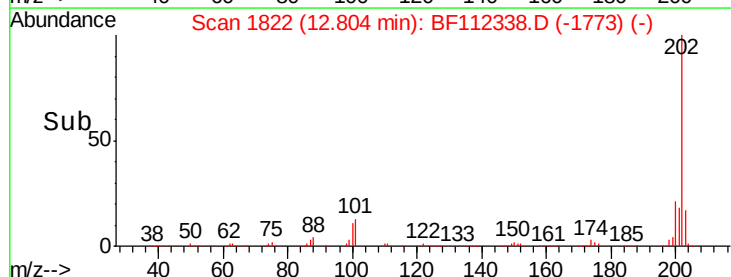
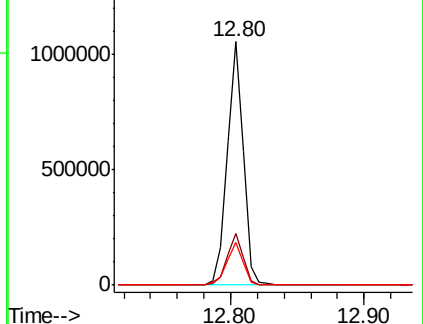
203 17.4 14.6 22.0

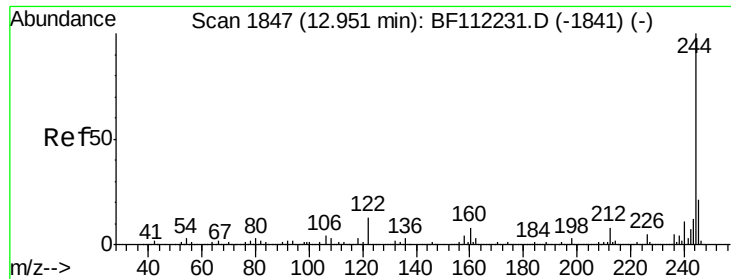


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 60.452 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF112338.D

Acq: 30 Jan 2019 23:01

Instrument :

BNA_F

ClientSampleId :

PB116708BS

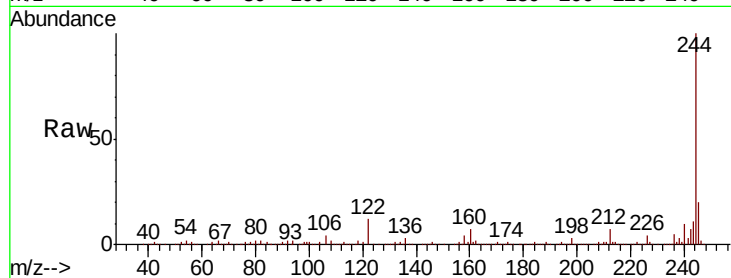
Tgt Ion:244 Resp: 1140483

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

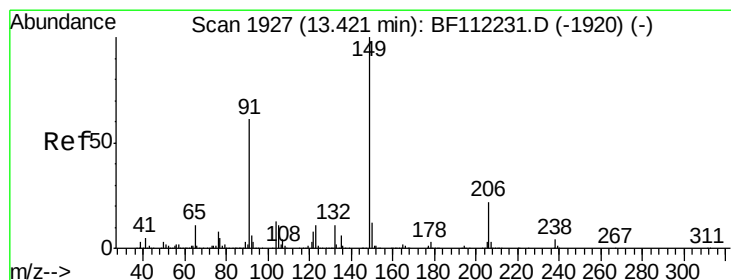
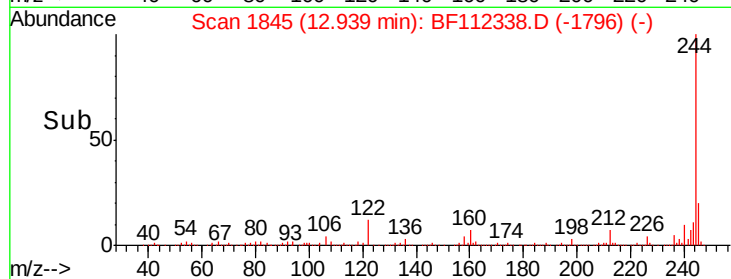
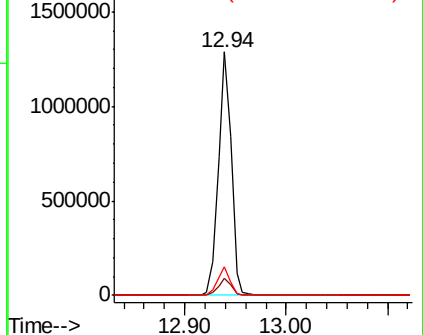
122 11.5 9.8 14.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 34.650 ng

RT: 13.41 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BF112338.D

Acq: 30 Jan 2019 23:01

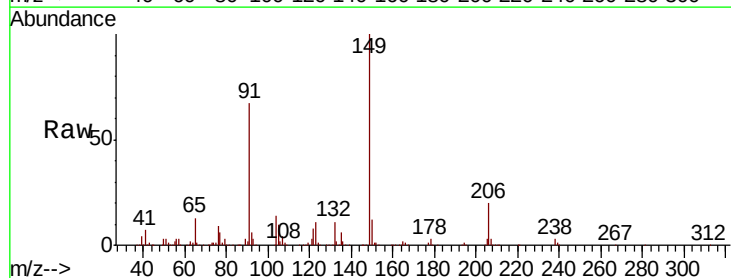
Tgt Ion:149 Resp: 412414

Ion Ratio Lower Upper

149 100

91 67.0 50.3 75.5

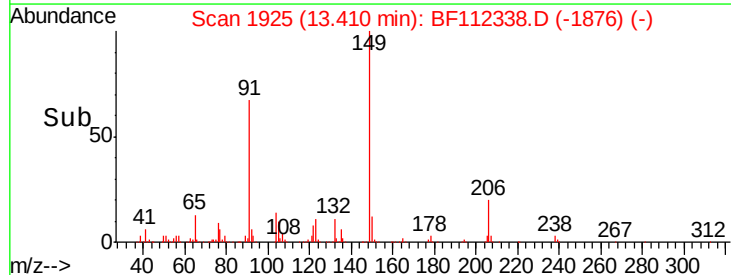
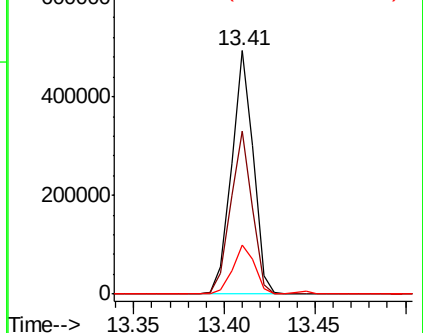
206 20.1 18.2 27.4

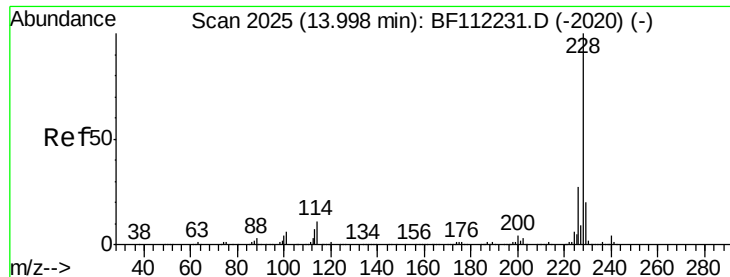


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 36.891 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF112338.D

Acq: 30 Jan 2019 23:01

Instrument :

BNA_F

ClientSampleId :

PB116708BS

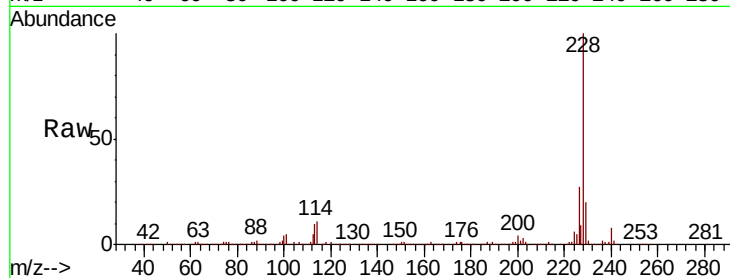
Tgt Ion:228 Resp: 770584

Ion Ratio Lower Upper

228 100

226 27.1 22.6 34.0

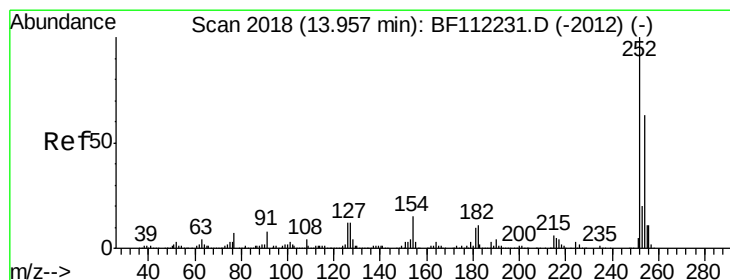
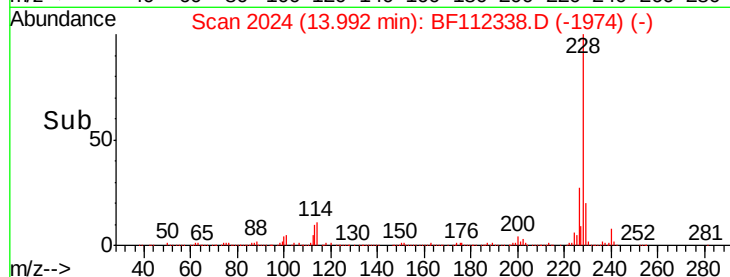
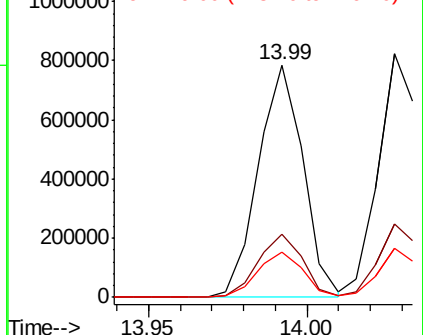
229 19.6 16.5 24.7



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: 22.882 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF112338.D

Acq: 30 Jan 2019 23:01

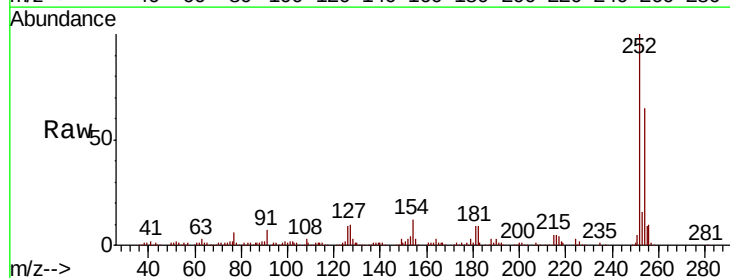
Tgt Ion:252 Resp: 178878

Ion Ratio Lower Upper

252 100

254 64.5 51.6 77.4

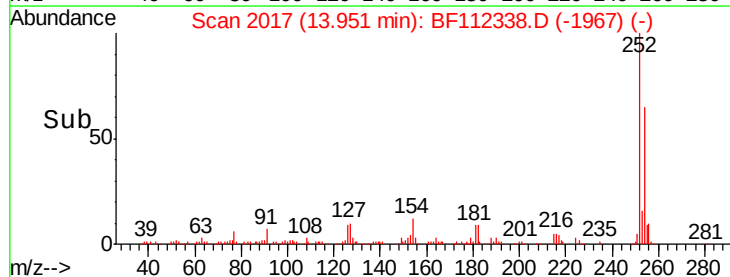
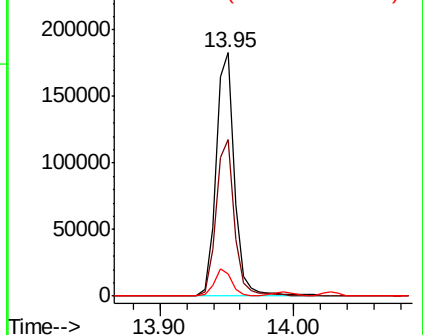
126 9.4 8.6 12.8

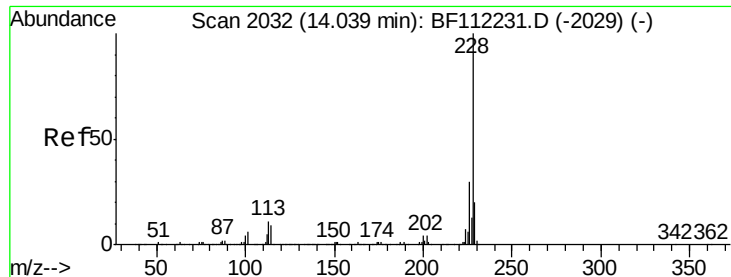


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 36.849 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF112338.D

Acq: 30 Jan 2019 23:01

Instrument :

BNA_F

ClientSampleId :

PB116708BS

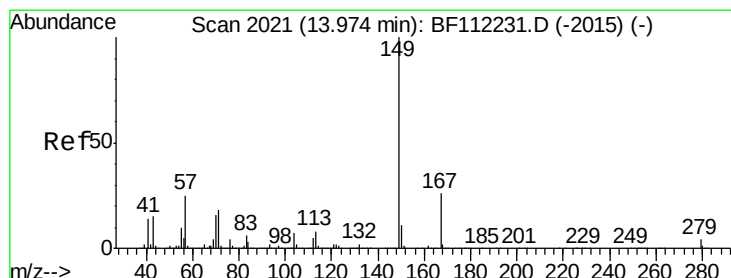
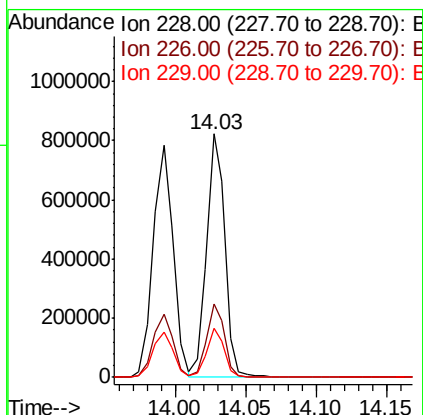
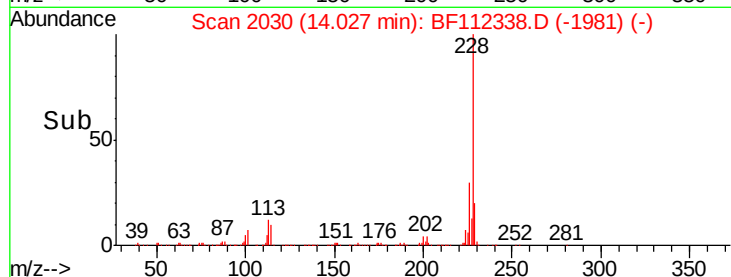
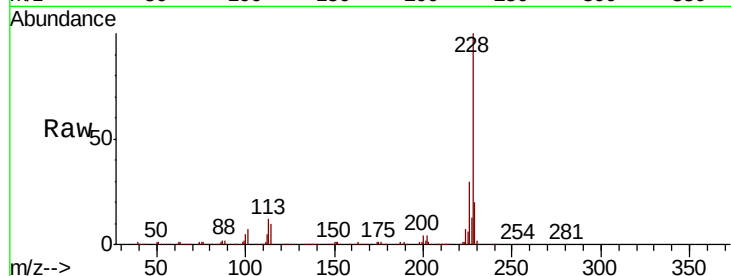
Tgt Ion: 228 Resp: 734727

Ion Ratio Lower Upper

228 100

226 30.0 25.0 37.6

229 20.1 16.6 24.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 34.191 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF112338.D

Acq: 30 Jan 2019 23:01

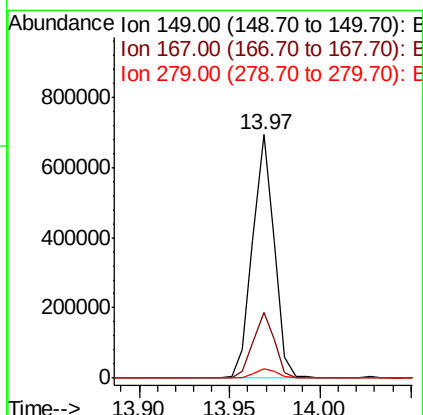
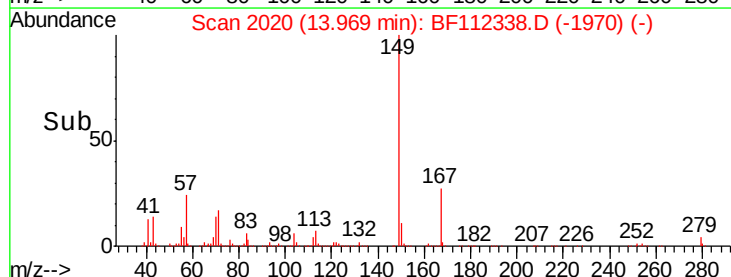
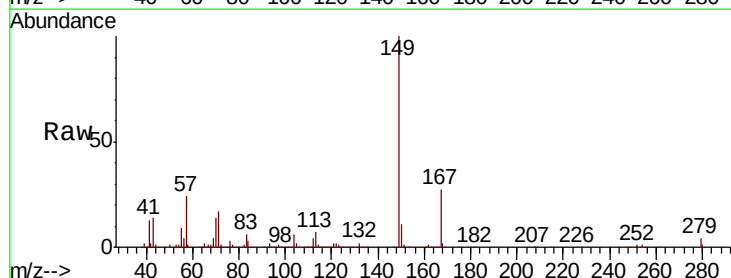
Tgt Ion: 149 Resp: 577657

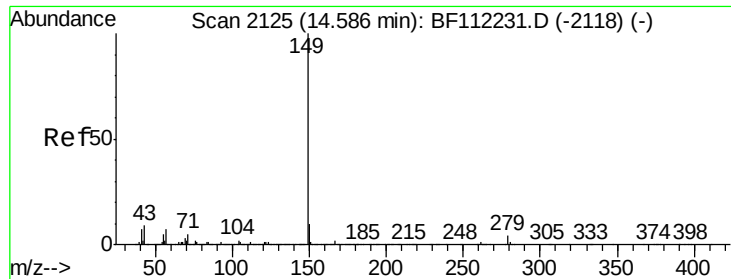
Ion Ratio Lower Upper

149 100

167 27.2 22.5 33.7

279 4.0 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 35.036 ng

RT: 14.58 min Scan# 2124

Delta R.T. -0.01 min

Lab File: BF112338.D

Acq: 30 Jan 2019 23:01

Instrument :

BNA_F

ClientSampleId :

PB116708BS

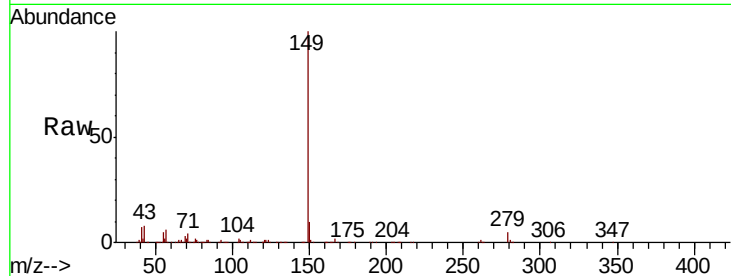
Tgt Ion:149 Resp: 910729

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

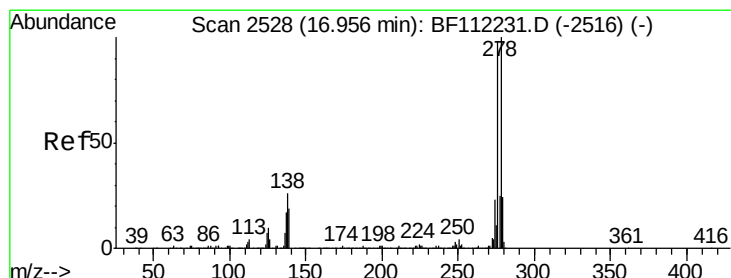
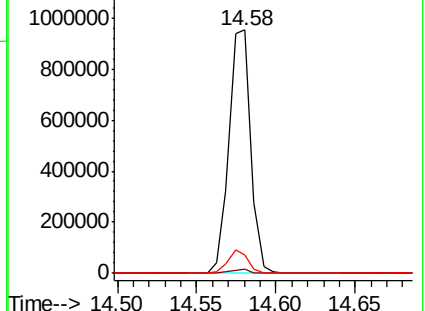
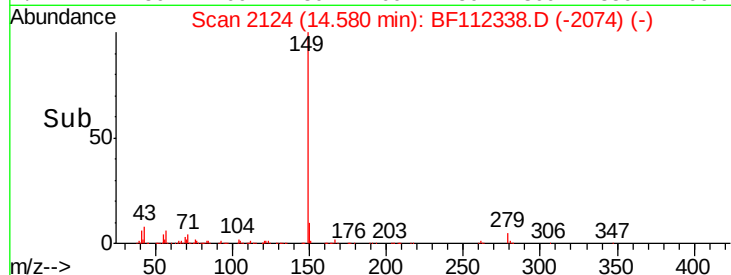
43 8.8 7.8 11.6



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: 49.478 ng

RT: 16.95 min Scan# 2527

Delta R.T. -0.01 min

Lab File: BF112338.D

Acq: 30 Jan 2019 23:01

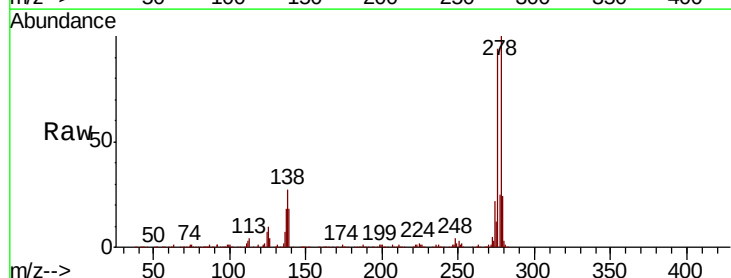
Tgt Ion:276 Resp: 781701

Ion Ratio Lower Upper

276 100

138 26.4 22.6 34.0

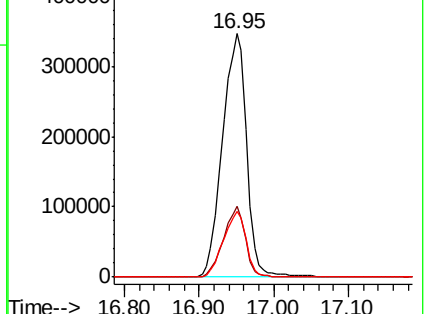
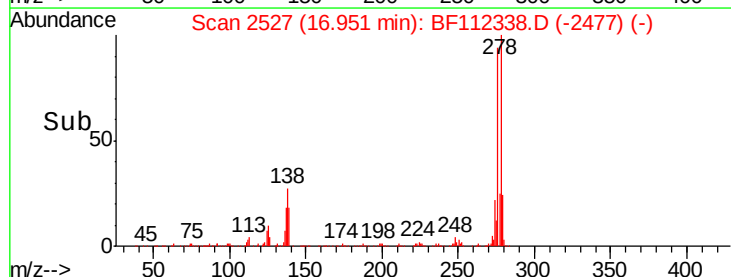
277 25.5 20.3 30.5

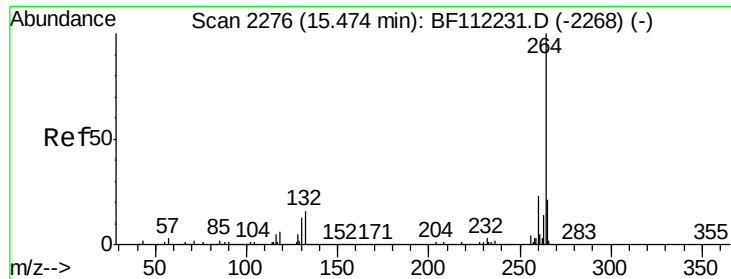


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

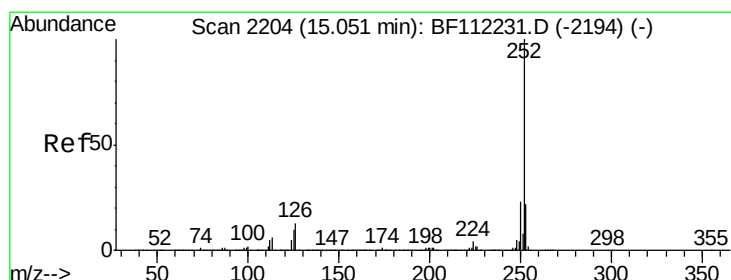
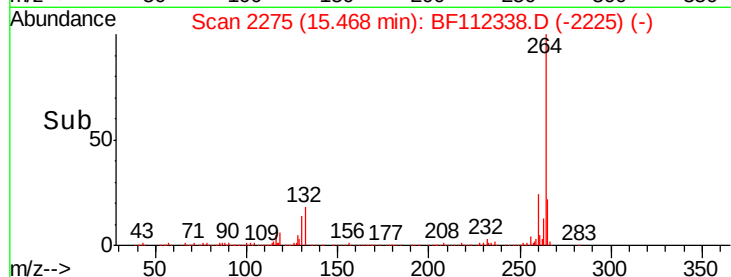
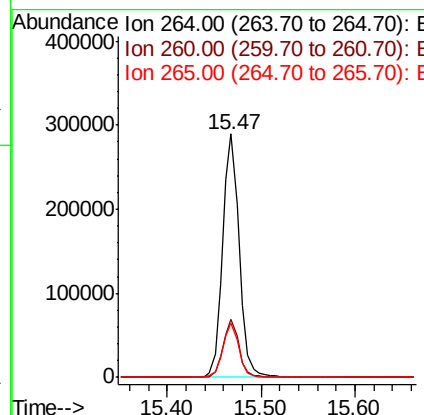
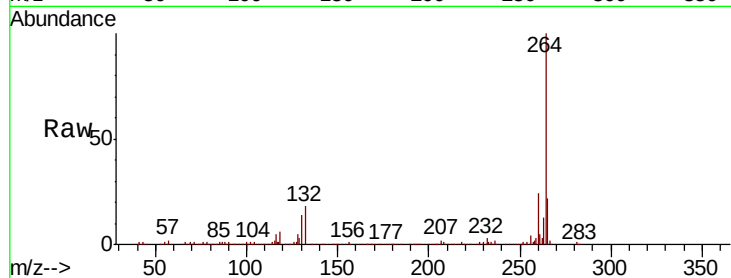




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF112338.D
Acq: 30 Jan 2019 23:01

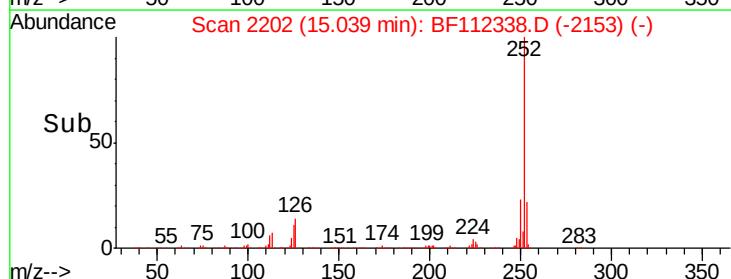
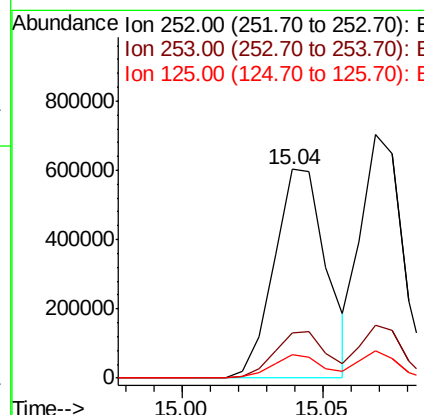
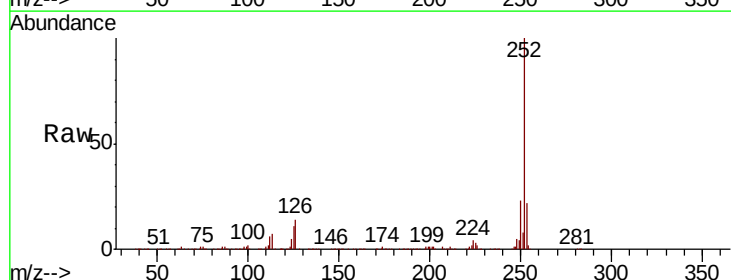
Instrument :
BNA_F
ClientSampleId :
PB116708BS

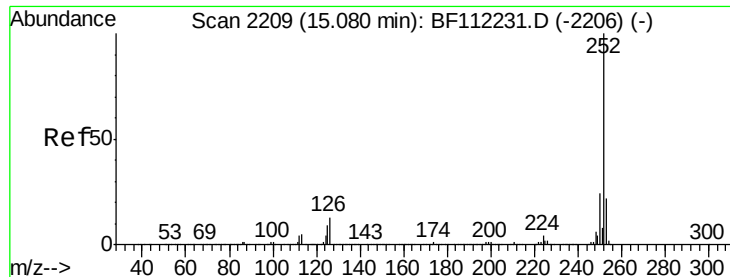
Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.2	27.2
265	22.3	17.0	25.4



#88
Benzo(b)fluoranthene
Concen: 36.333 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BF112338.D
Acq: 30 Jan 2019 23:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	11.1	8.7	13.1





#89

Benzo(k)fluoranthene

Concen: 35.288 ng

RT: 15.07 min Scan# 2207

Delta R.T. -0.01 min

Lab File: BF112338.D

Acq: 30 Jan 2019 23:01

Instrument :

BNA_F

ClientSampleId :

PB116708BS

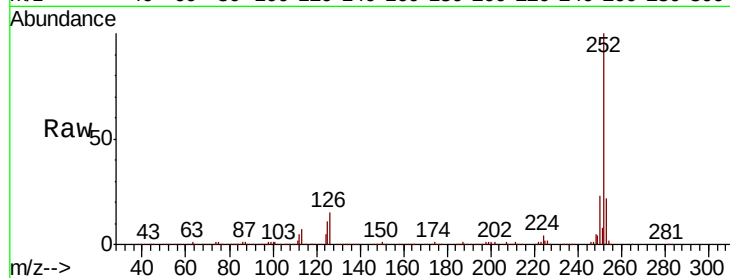
Tgt Ion:252 Resp: 723197

Ion Ratio Lower Upper

252 100

253 21.6 18.0 27.0

125 11.0 9.1 13.7

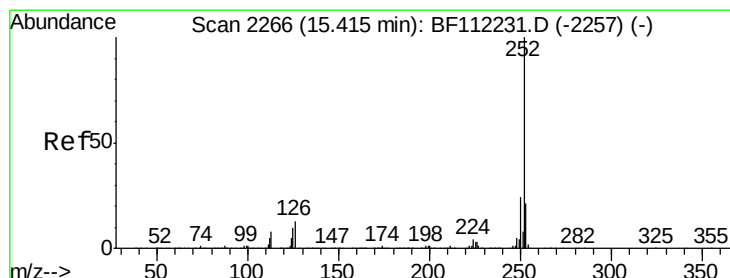
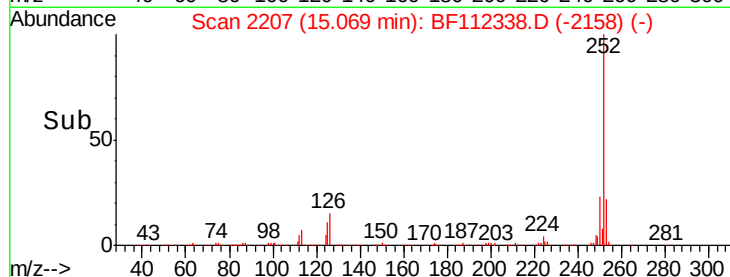
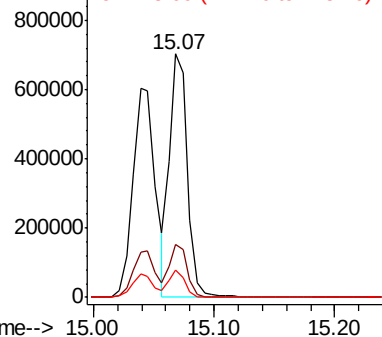


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 38.471 ng

RT: 15.41 min Scan# 2265

Delta R.T. -0.01 min

Lab File: BF112338.D

Acq: 30 Jan 2019 23:01

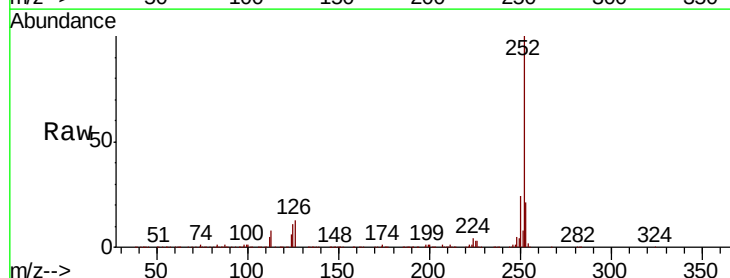
Tgt Ion:252 Resp: 740636

Ion Ratio Lower Upper

252 100

253 20.9 17.5 26.3

125 10.6 9.0 13.4

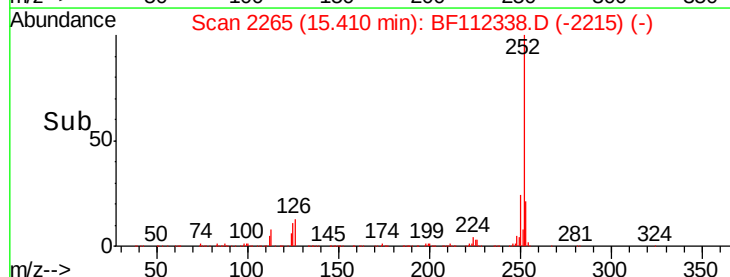
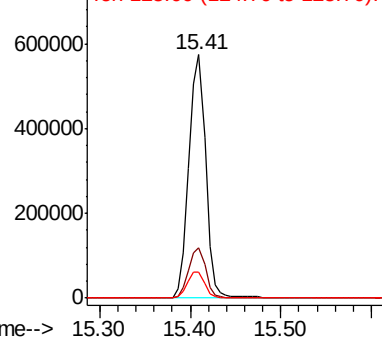


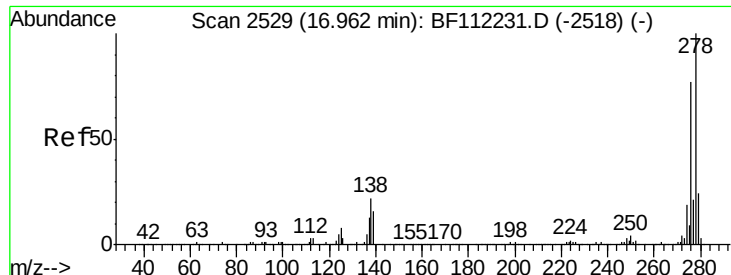
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



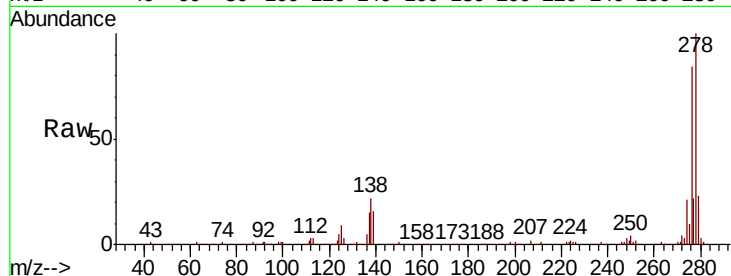


#91
Dibenzo(a,h)anthracene
Concen: 43.128 ng
RT: 16.96 min Scan# 2528
Delta R.T. -0.01 min
Lab File: BF112338.D
Acq: 30 Jan 2019 23:01

Instrument :
BNA_F
ClientSampleId :
PB116708BS

Tgt Ion: 278 Resp: 669160

Ion	Ratio	Lower	Upper
278	100		
139	15.6	13.7	20.5
279	22.7	19.0	28.6

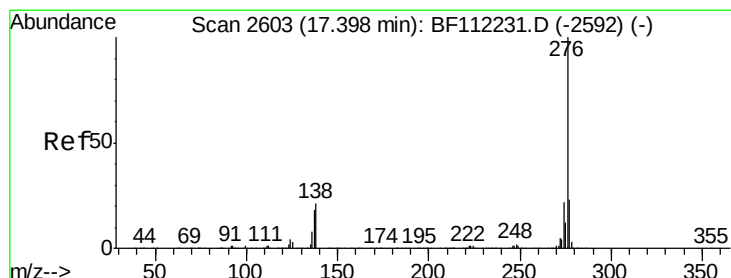
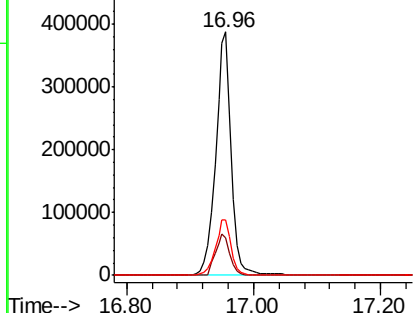
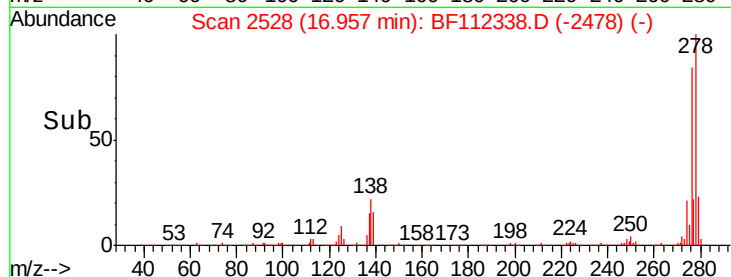


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

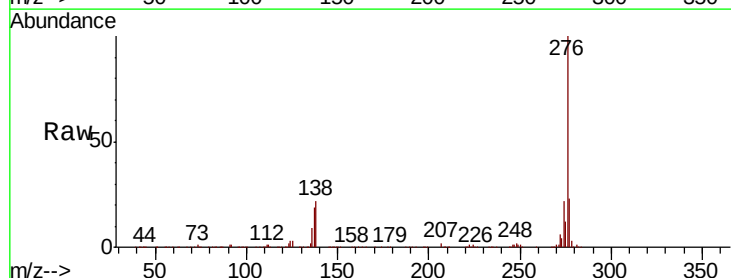
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 43.276 ng
RT: 17.39 min Scan# 2602
Delta R.T. -0.01 min
Lab File: BF112338.D
Acq: 30 Jan 2019 23:01

Tgt Ion: 276 Resp: 633492

Ion	Ratio	Lower	Upper
276	100		
277	23.1	19.4	29.0
138	21.7	19.1	28.7



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

