

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012519\
 Data File : BF112232.D
 Acq On : 25 Jan 2019 14:44
 Operator : JU/SJ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Quant Time: Jan 25 15:29:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 25 15:22:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	204386	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	778892	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	376694	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	739789	20.00	ng	0.00
76) Chrysene-d12	14.02	240	426627	20.00	ng	0.00
87) Perylene-d12	15.47	264	434157	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	838698	74.48	ng	0.00
7) Phenol-d6	6.50	99	1319214	93.64	ng	0.00
23) Nitrobenzene-d5	7.42	82	1308874	116.10	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	455403	112.07	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	2462847	95.86	ng	0.00
79) Terphenyl-d14	12.96	244	2215760	110.49	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.62	88	173447	32.84	ng 93
3) Pyridine	3.37	79	454778	34.38	ng 98
4) n-Nitrosodimethylamine	3.33	42	194224	36.16	ng 89
6) Aniline	6.52	93	795358	46.42	ng 87
8) 2-Chlorophenol	6.64	128	643495	49.20	ng 97
9) Benzaldehyde	6.40	77	297778	37.34	ng 98
10) Phenol	6.51	94	721086	46.83	ng 95
11) bis(2-Chloroethyl)ether	6.58	93	589594	48.16	ng 99
12) 1,3-Dichlorobenzene	6.79	146	728376	48.80	ng 98
13) 1,4-Dichlorobenzene	6.86	146	745879	48.86	ng 97
14) 1,2-Dichlorobenzene	7.02	146	683809	48.63	ng 97
15) Benzyl Alcohol	6.99	79	543486	51.78	ng 97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	719826	40.77	ng 76
17) 2-Methylphenol	7.11	107	488646	49.75	ng 93
18) Hexachloroethane	7.36	117	265561	52.12	ng 98
19) n-Nitroso-di-n-propylamine	7.27	70	443258	51.64	ng 95
20) 3+4-Methylphenols	7.26	107	625187	52.50	ng 98
22) Acetophenone	7.26	105	903125	50.05	ng 99
24) Nitrobenzene	7.43	77	650028	54.40	ng 97
25) Isophorone	7.67	82	1056830	48.53	ng 97
26) 2-Nitrophenol	7.75	139	368819	65.39	ng # 90
27) 2,4-Dimethylphenol	7.79	122	493240	48.80	ng 98
28) bis(2-Chloroethoxy)methane	7.87	93	716323	47.96	ng 100
29) 2,4-Dichlorophenol	8.00	162	552922	50.08	ng 99
30) 1,2,4-Trichlorobenzene	8.07	180	629144	49.10	ng 99
31) Naphthalene	8.15	128	1755947	49.57	ng 99
32) Benzoic acid	7.94	122	294709	70.87	ng 98
33) 4-Chloroaniline	8.20	127	757779	47.60	ng 100
34) Hexachlorobutadiene	8.27	225	366507	51.40	ng 99
35) Caprolactam	8.59	113	185868	48.10	ng 99
36) 4-Chloro-3-methylphenol	8.70	107	565895	52.47	ng 98
37) 2-Methylnaphthalene	8.85	142	1187981	49.38	ng 96
38) 1-Methylnaphthalene	8.95	142	1136398	49.15	ng 98
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	609087	50.35	ng 99

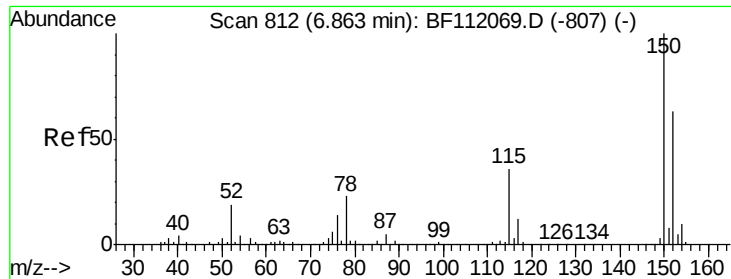
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012519\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	210761	53.17	nq	98
43) 2,4,6-Trichlorophenol	9.13	196	388552	53.70	nq	99
44) 2,4,5-Trichlorophenol	9.17	196	411654	53.41	nq	96
46) 1,1'-Biphenyl	9.31	154	1583759	50.28	nq	98
47) 2-Chloronaphthalene	9.33	162	1241766	50.36	nq	95
48) 2-Nitroaniline	9.43	65	347850	62.64	nq	100
49) Acenaphthylene	9.75	152	1814908	50.44	nq	100
50) Dimethylphthalate	9.61	163	1429453	52.03	nq	99
51) 2,6-Dinitrotoluene	9.67	165	326852	59.58	nq	93
52) Acenaphthene	9.92	154	1084305	49.26	nq	99
53) 3-Nitroaniline	9.85	138	348910	56.87	nq	92
54) 2,4-Dinitrophenol	9.96	184	112753	96.42	nq	95
55) Dibenzofuran	10.09	168	1619549	48.65	nq	93
56) 4-Nitrophenol	10.02	139	197462	51.79	nq	95
57) 2,4-Dinitrotoluene	10.08	165	421570	64.49	nq	# 87
58) Fluorene	10.43	166	1244224	50.02	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	323949	55.70	nq	97
60) Diethylphthalate	10.30	149	1409941	52.58	nq	99
61) 4-Chlorophenyl-phenylether	10.42	204	676510	50.40	nq	90
62) 4-Nitroaniline	10.46	138	348895	57.27	nq	96
63) Azobenzene	10.59	77	1265258	49.27	nq	97
65) 4,6-Dinitro-2-methylphenol	10.50	198	216786	82.65	nq	99
66) n-Nitrosodiphenylamine	10.55	169	1183527	48.39	nq	100
67) 4-Bromophenyl-phenylether	10.92	248	414712	48.26	nq	95
68) Hexachlorobenzene	10.99	284	457446	49.42	nq	97
69) Atrazine	11.07	200	380533	48.22	nq	96
70) Pentachlorophenol	11.19	266	201396	52.61	nq	95
71) Phenanthrene	11.40	178	1790052	48.08	nq	100
72) Anthracene	11.45	178	1801801	47.77	nq	99
73) Carbazole	11.60	167	1711394	45.30	nq	98
74) Di-n-butylphthalate	11.93	149	2045129	48.12	nq	99
75) Fluoranthene	12.59	202	1659229	42.21	nq	100
77) Benzidine	12.70	184	581976	40.89	nq	99
78) Pyrene	12.82	202	1468942	52.19	nq	99
80) Butylbenzylphthalate	13.42	149	730791	59.18	nq	93
81) Benzo(a)anthracene	14.00	228	1262369	51.61	nq	98
82) 3,3'-Dichlorobenzidine	13.96	252	444421	48.51	nq	# 98
83) Chrysene	14.04	228	1179443	50.96	nq	99
84) Bis(2-ethylhexyl)phthalate	13.98	149	1035406	58.51	nq	97
85) Di-n-octyl phthalate	14.59	149	1570191	57.59	nq	98
86) Indeno(1,2,3-cd)pyrene	16.96	276	1076541	50.41	nq	97
88) Benzo(b)fluoranthene	15.05	252	1264451	51.31	nq	100
89) Benzo(k)fluoranthene	15.08	252	1261410	52.88	nq	99
90) Benzo(a)pyrene	15.42	252	1162866	51.45	nq	98
91) Dibenzo(a,h)anthracene	16.97	278	908529	45.26	nq	98
92) Benzo(g,h,i)perylene	17.40	276	861686	43.57	nq	95

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

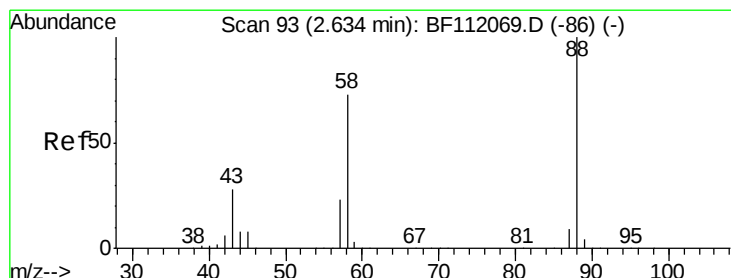
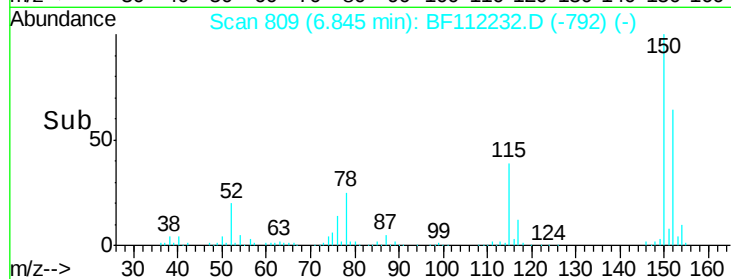
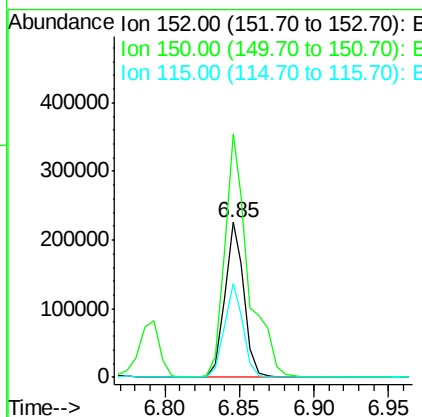
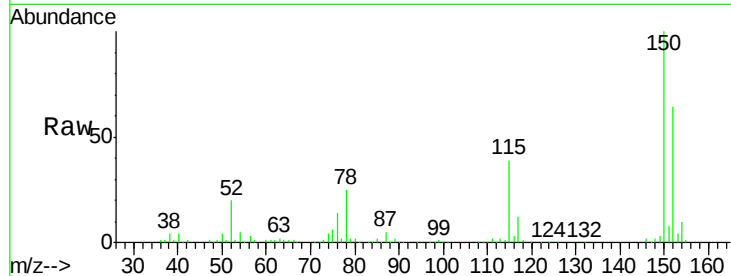


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF112232.D
Acq: 25 Jan 2019 14:44

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

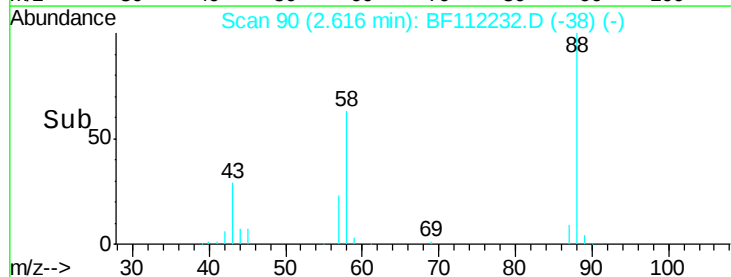
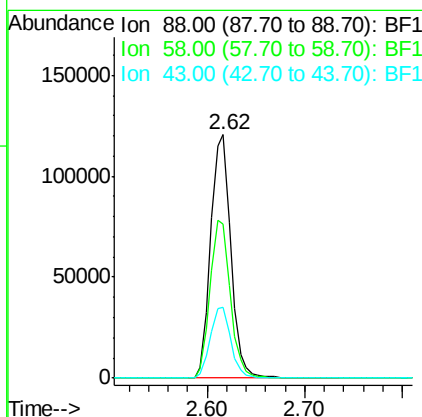
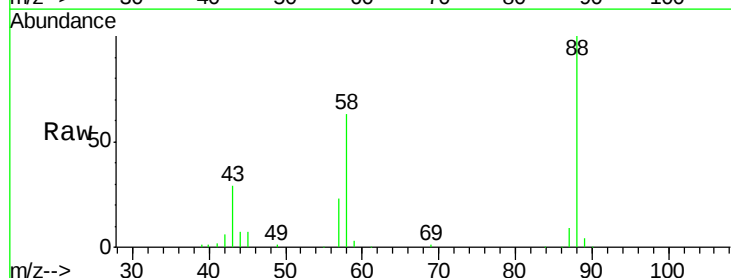
Tot Ion:152 Resp: 204386
Ion Ratio Lower Upper
152 100
150 156.9 127.4 191.0
115 60.9 45.5 68.3

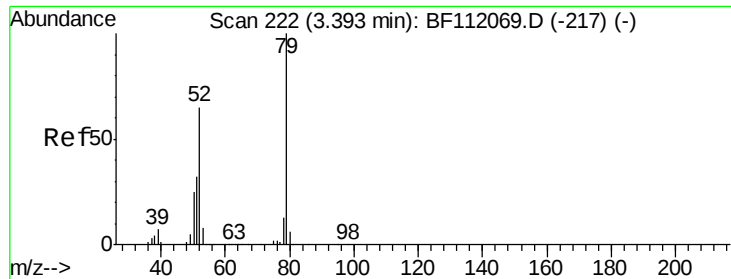


#2

1,4-Dioxane
Concen: 32.84 ng
RT: 2.62 min Scan# 90
Delta R.T. 0.01 min
Lab File: BF112232.D
Acq: 25 Jan 2019 14:44

Tgt Ion: 88 Resp: 173447
Ion Ratio Lower Upper
88 100
58 65.3 57.4 86.2
43 29.6 22.2 33.4





#3

Pvridine

Concen: 34.38 ng

RT: 3.37 min Scan# 218

Delta R.T. 0.00 min

Lab File: BF112232.D

Acq: 25 Jan 2019 14:44

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

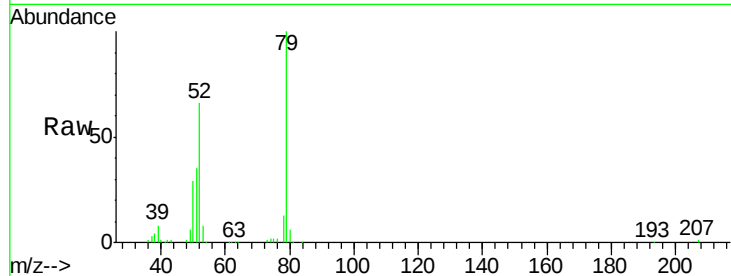
Tot Ion: 79 Resp: 454778

Ion Ratio Lower Upper

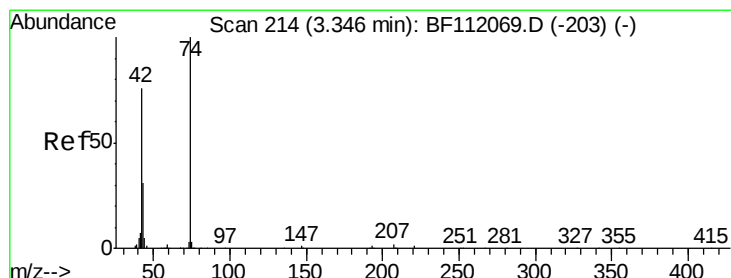
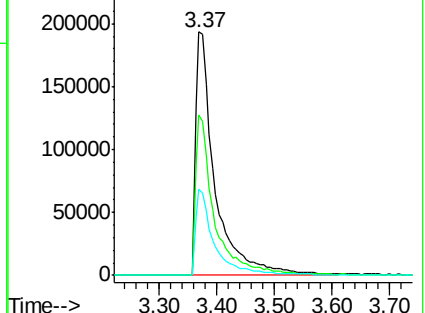
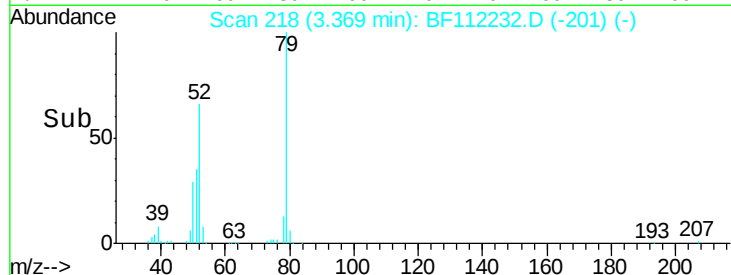
79 100

52 65.9 52.4 78.6

51 35.3 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: 36.16 ng

RT: 3.33 min Scan# 211

Delta R.T. 0.01 min

Lab File: BF112232.D

Acq: 25 Jan 2019 14:44

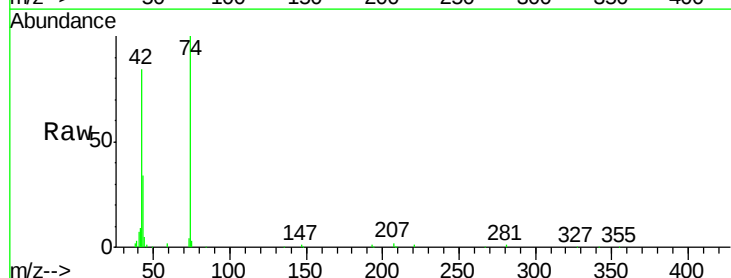
Tgt Ion: 42 Resp: 194224

Ion Ratio Lower Upper

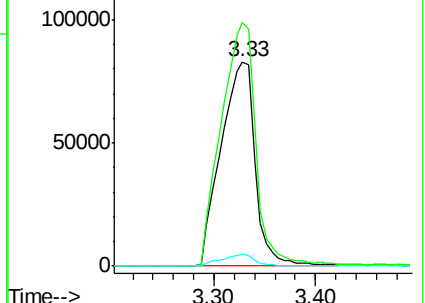
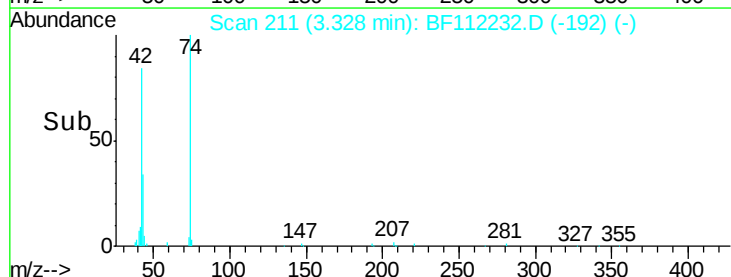
42 100

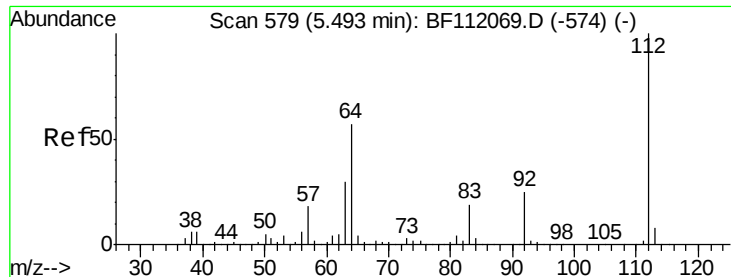
74 119.2 105.6 158.4

44 5.8 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: 74.48 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.00 min

Lab File: BF112232.D

Acq: 25 Jan 2019 14:44

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

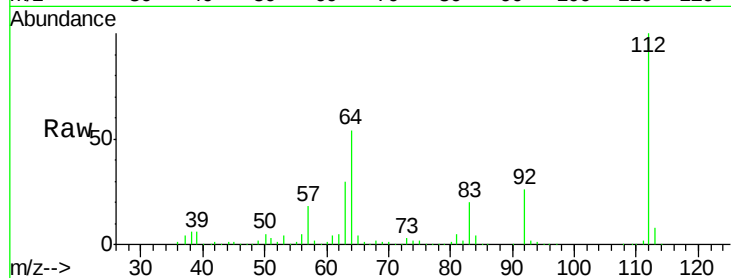
Tot Ion:112 Resp: 838698

Ion Ratio Lower Upper

112 100

64 54.4 45.7 68.5

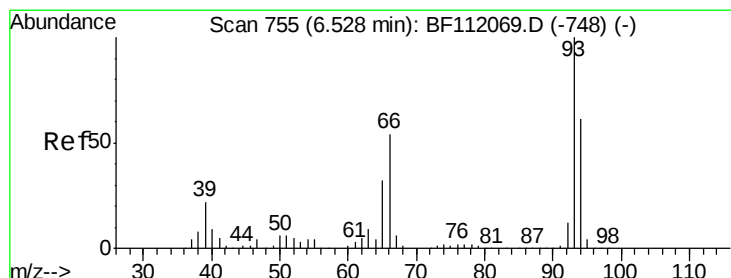
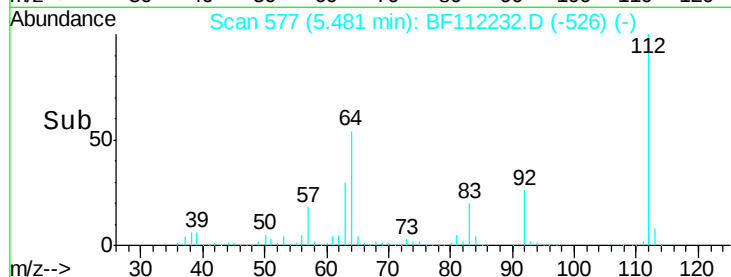
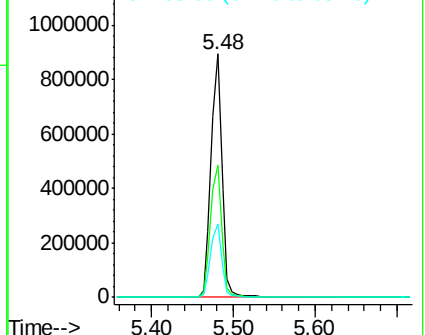
63 30.2 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 46.42 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF112232.D

Acq: 25 Jan 2019 14:44

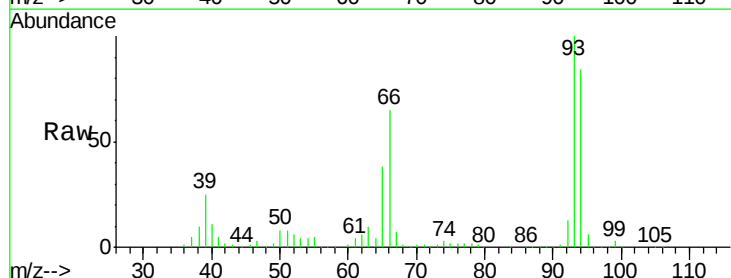
Tgt Ion: 93 Resp: 795358

Ion Ratio Lower Upper

93 100

66 64.7 43.4 65.2

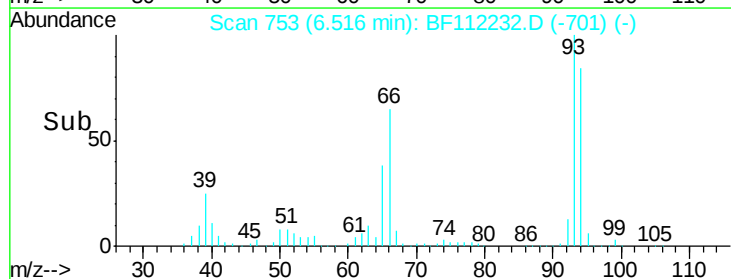
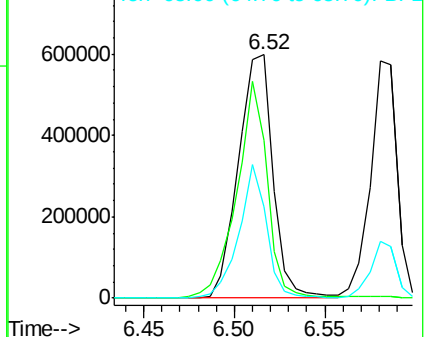
65 37.6 25.3 37.9

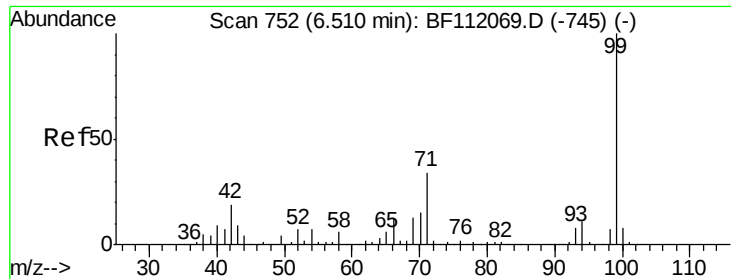


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 93.64 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF112232.D

Acq: 25 Jan 2019 14:44

Instrument :

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ClientSampleId :

SSTDICC050

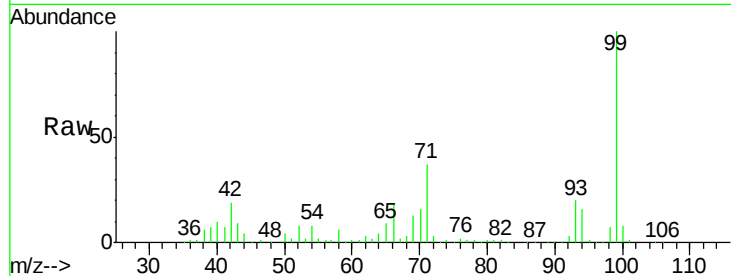
Tot Ion: 99 Resp: 1319214

Ion Ratio Lower Upper

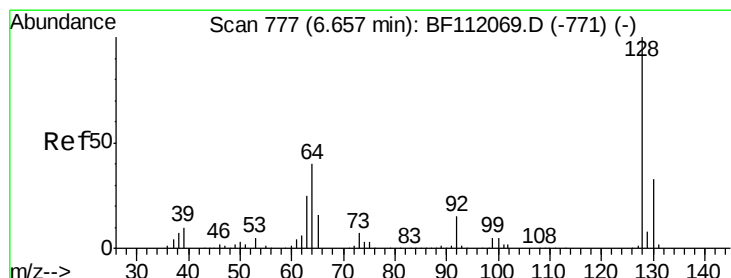
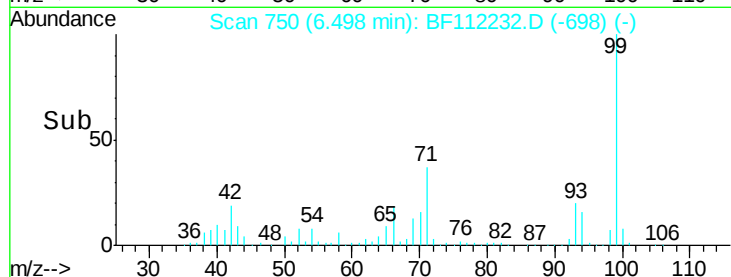
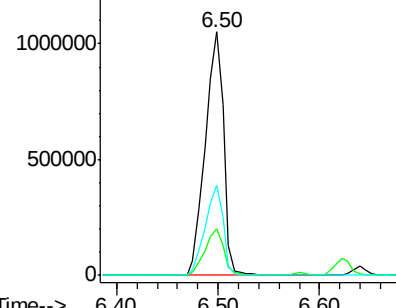
99 100

42 19.0 15.1 22.7

71 36.8 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: 49.20 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF112232.D

Acq: 25 Jan 2019 14:44

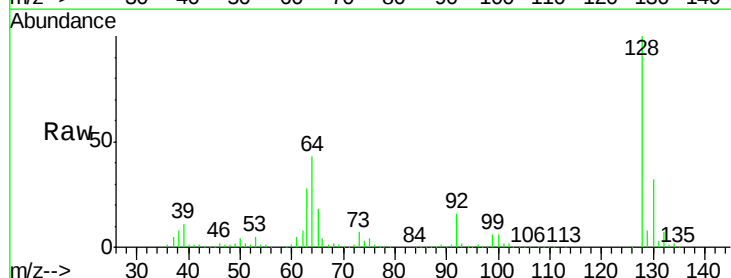
Tgt Ion:128 Resp: 643495

Ion Ratio Lower Upper

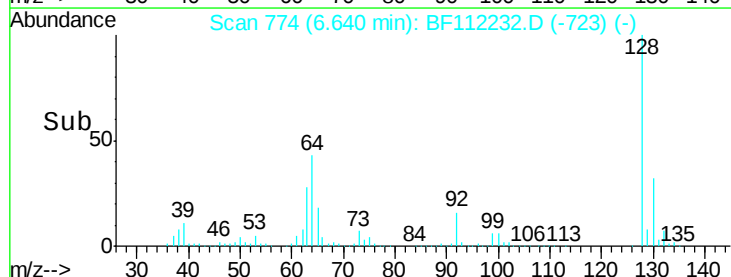
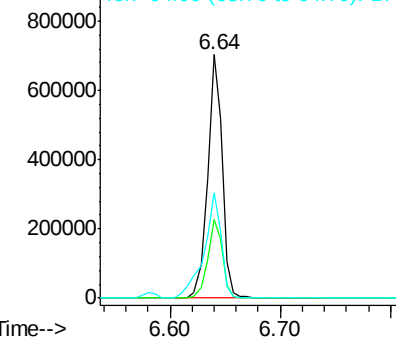
128 100

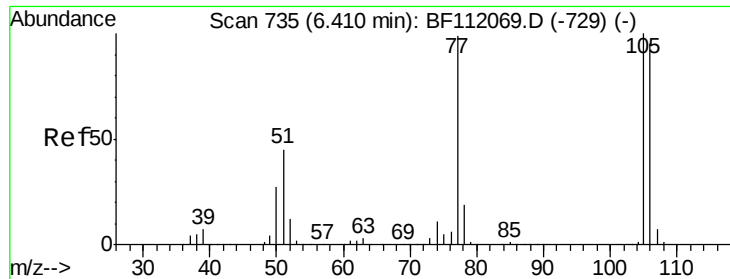
130 32.3 13.4 53.4

64 43.3 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: 37.34 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF112232.D

Acq: 25 Jan 2019 14:44

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

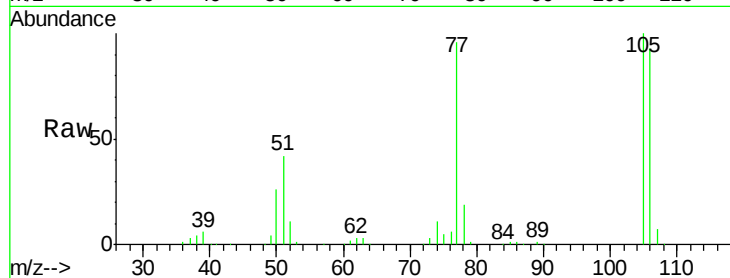
Tot Ion: 77 Resp: 297778

Ion Ratio Lower Upper

77 100

105 104.2 80.8 120.8

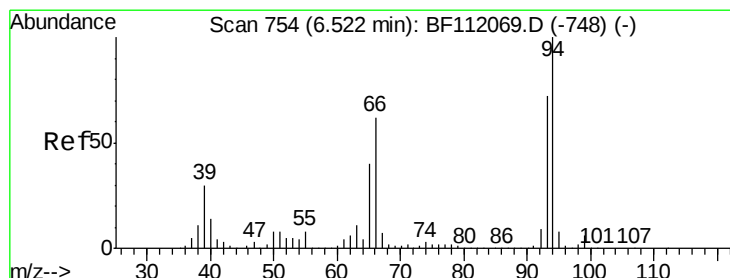
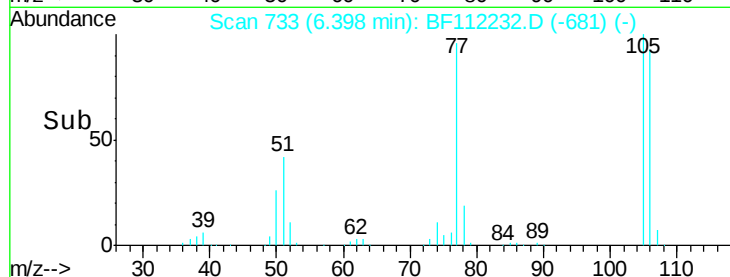
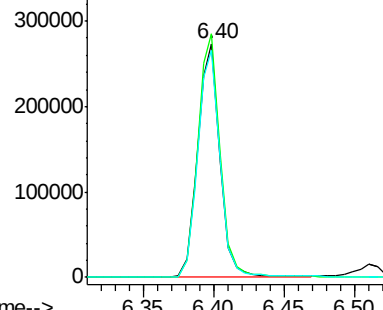
106 96.9 75.7 115.7



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 46.83 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF112232.D

Acq: 25 Jan 2019 14:44

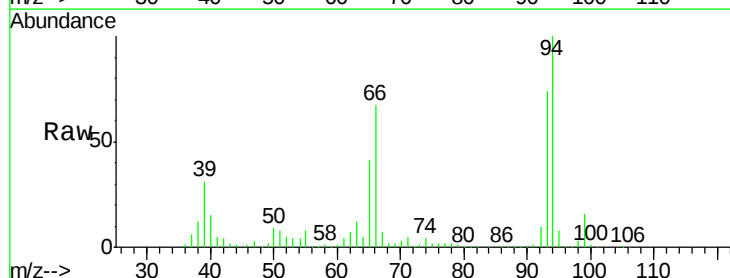
Tgt Ion: 94 Resp: 721086

Ion Ratio Lower Upper

94 100

65 41.5 20.3 60.3

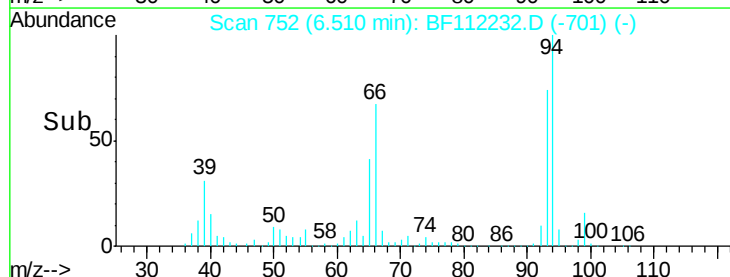
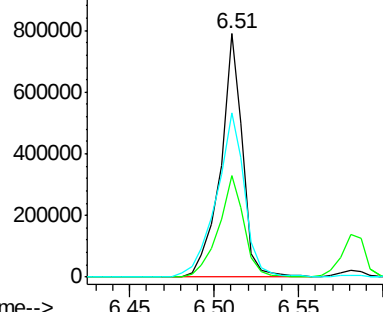
66 67.4 42.4 82.4

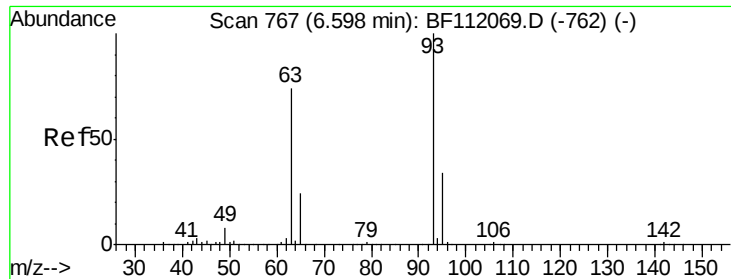


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

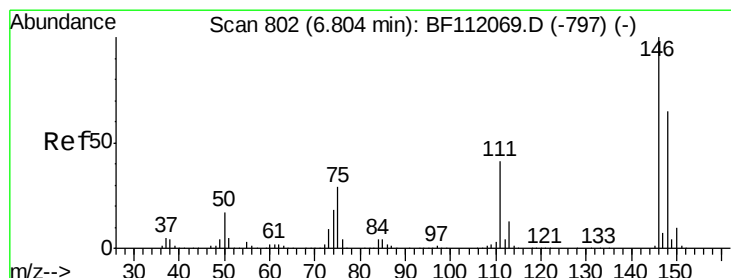
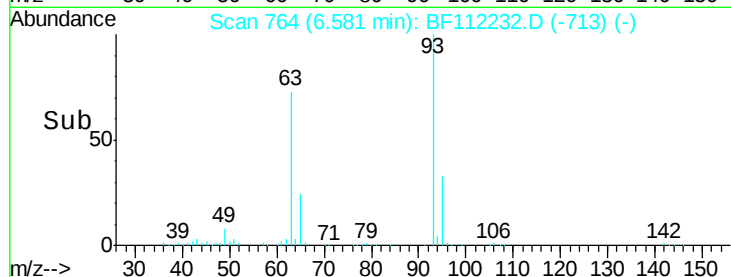
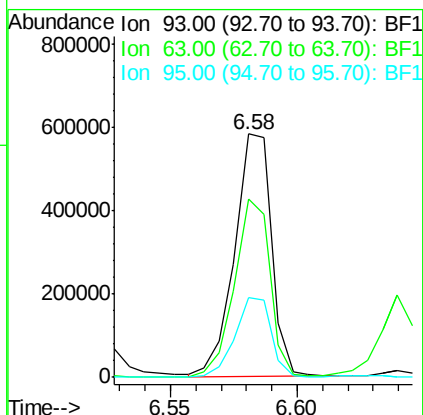
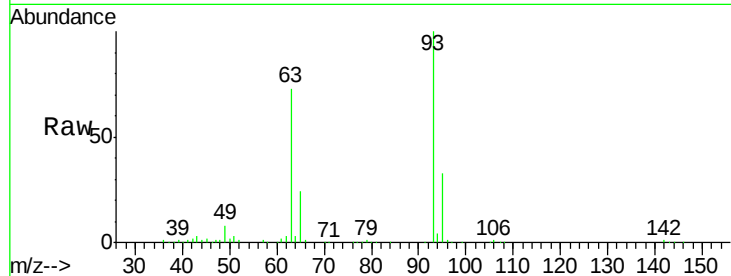




#11
bis(2-Chloroethyl)ether
Concen: 48.16 ng
RT: 6.58 min Scan# 764
Delta R.T. 0.00 min
Lab File: BF112232.D
Acq: 25 Jan 2019 14:44

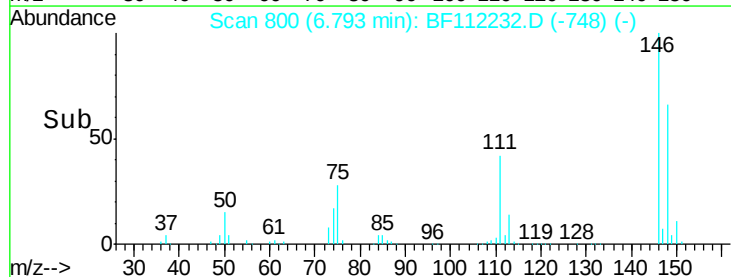
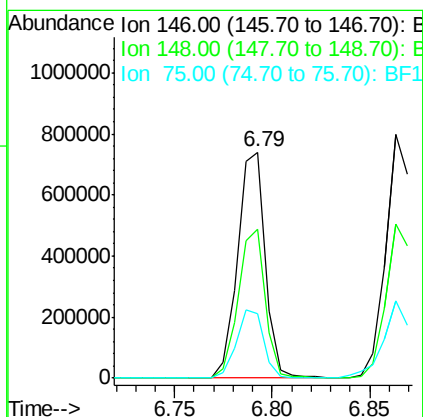
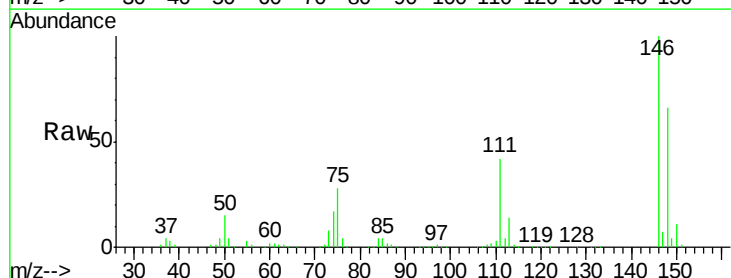
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

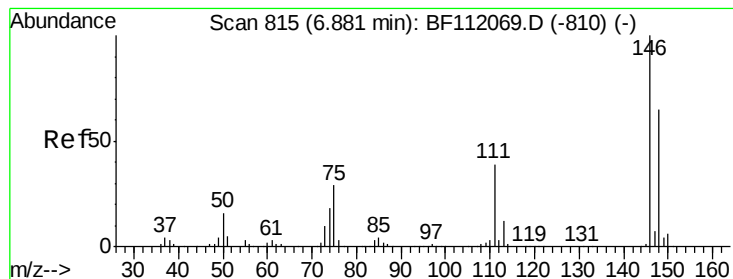
Tot Ion: 93 Resp: 589594
Ion Ratio Lower Upper
93 100
63 73.5 53.3 93.3
95 32.7 13.4 53.4



#12
1,3-Dichlorobenzene
Concen: 48.80 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BF112232.D
Acq: 25 Jan 2019 14:44

Tgt Ion: 146 Resp: 728376
Ion Ratio Lower Upper
146 100
148 66.2 51.8 77.8
75 28.3 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 48.86 ng

RT: 6.86 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF112232.D

Acq: 25 Jan 2019 14:44

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

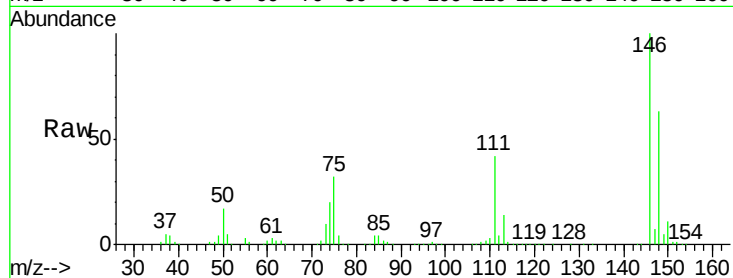
Tot Ion:146 Resp: 745879

Ion Ratio Lower Upper

146 100

148 63.4 52.0 78.0

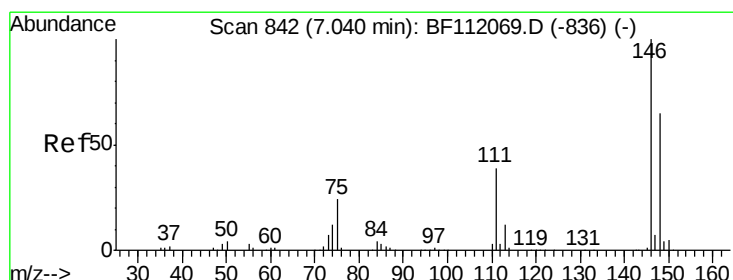
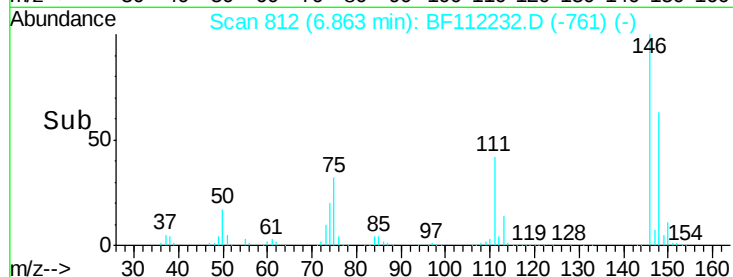
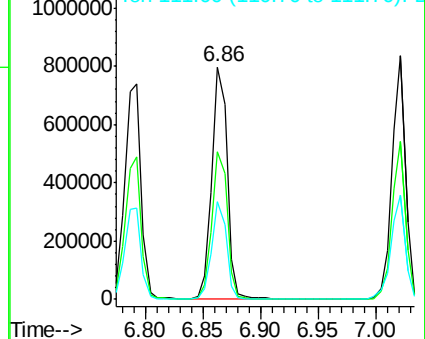
111 42.1 31.2 46.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 48.63 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF112232.D

Acq: 25 Jan 2019 14:44

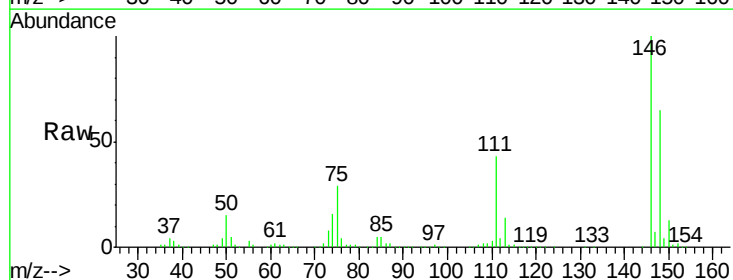
Tgt Ion:146 Resp: 683809

Ion Ratio Lower Upper

146 100

148 64.6 52.2 78.4

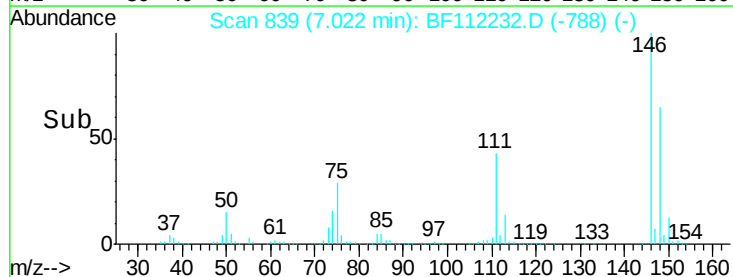
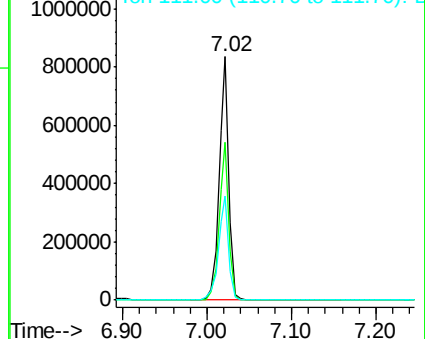
111 42.9 31.2 46.8

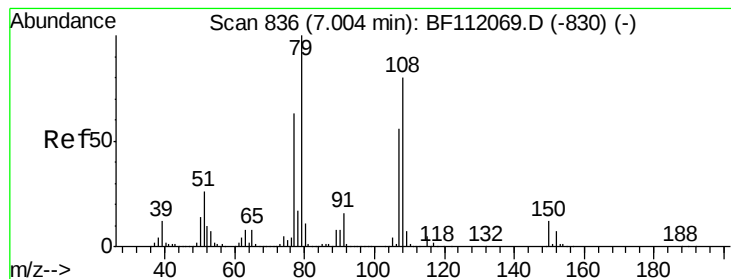


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 51.78 ng

RT: 6.99 min Scan# 834

Delta R.T. 0.00 min

Lab File: BF112232.D

Acq: 25 Jan 2019 14:44

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

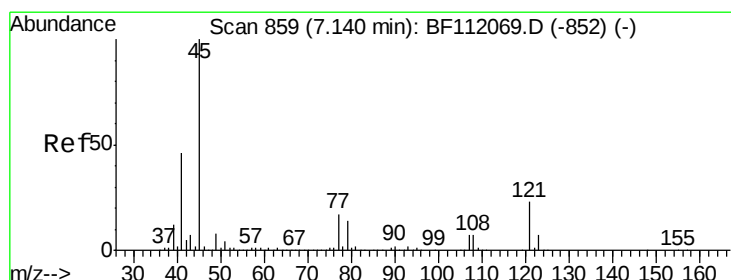
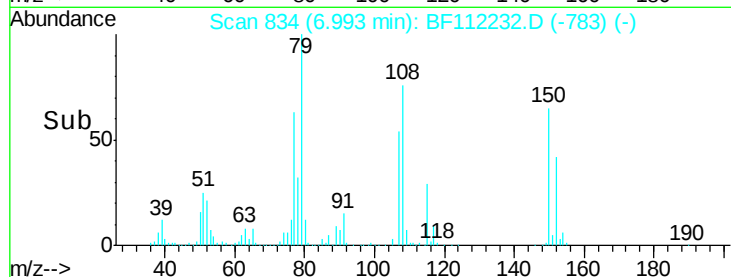
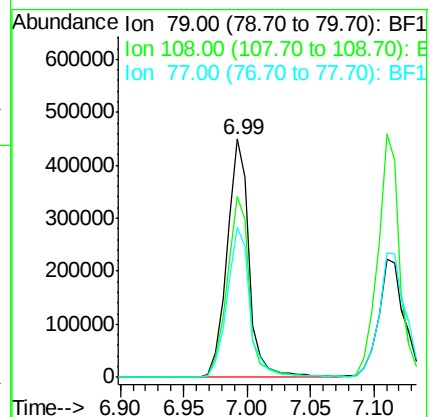
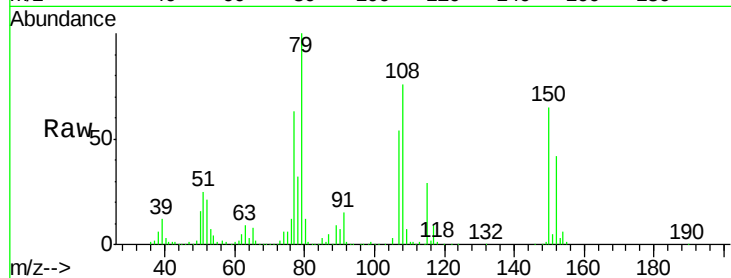
Tot Ion: 79 Resp: 543486

Ion Ratio Lower Upper

79 100

108 75.7 64.2 96.2

77 63.3 50.3 75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.77 ng

RT: 7.12 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF112232.D

Acq: 25 Jan 2019 14:44

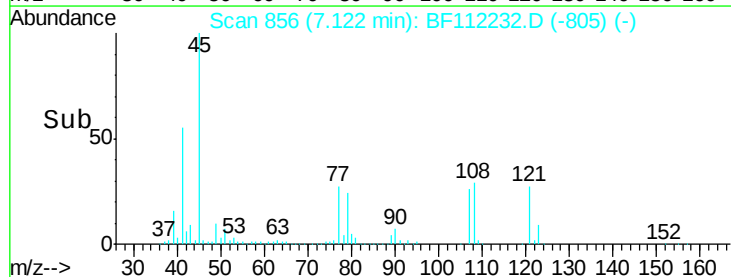
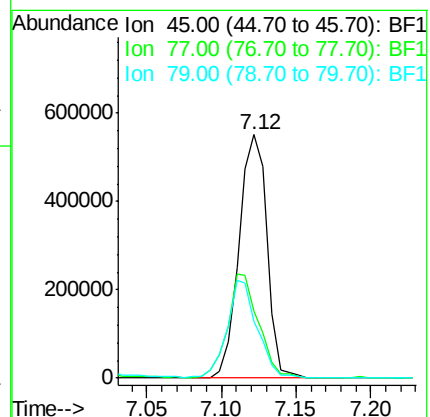
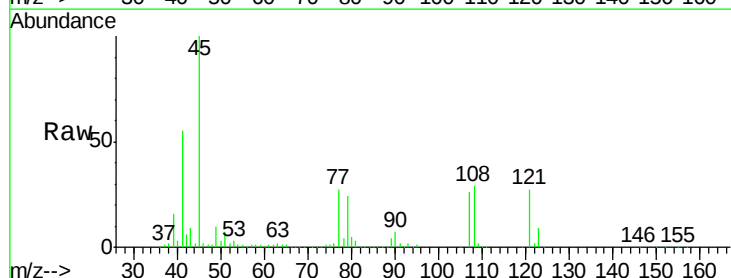
Tgt Ion: 45 Resp: 719826

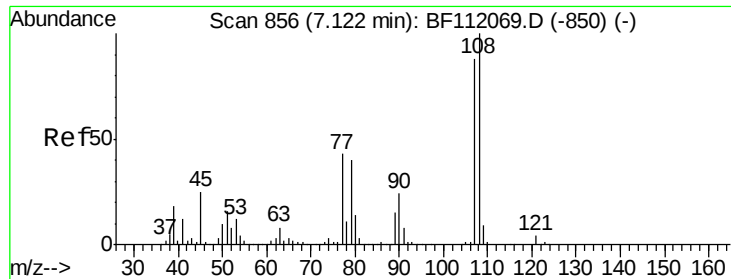
Ion Ratio Lower Upper

45 100

77 27.4 0.0 36.9

79 23.5 0.0 34.0

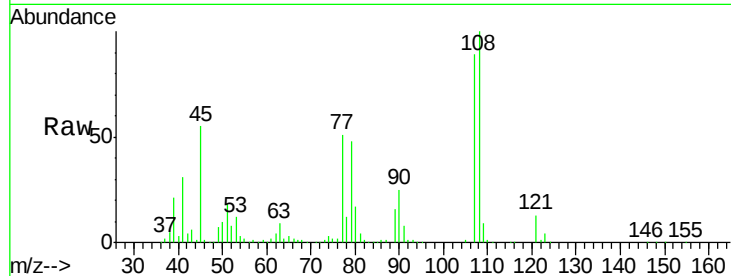




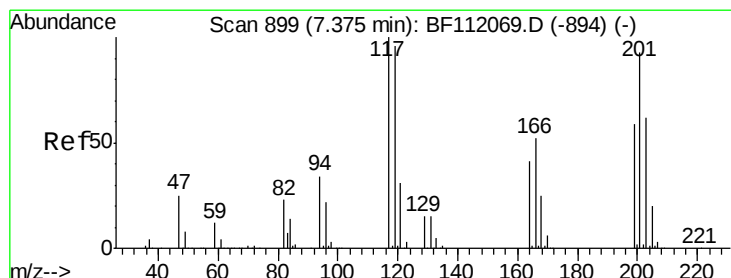
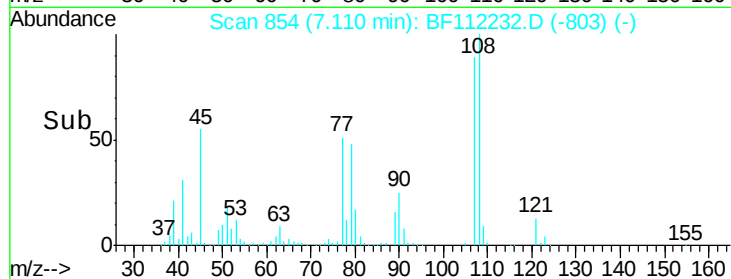
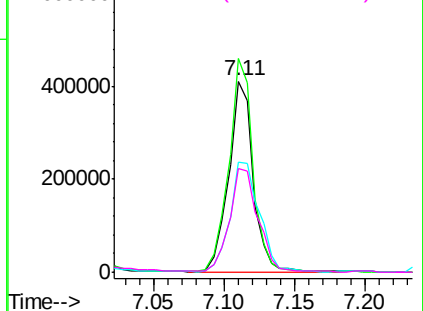
#17
2-Methylphenol
Concen: 49.75 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BF112232.D
Acq: 25 Jan 2019 14:44

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion:107 Resp: 488646
Ion Ratio Lower Upper
107 100
108 112.0 91.3 136.9
77 57.6 39.0 58.6
79 54.3 37.0 55.4

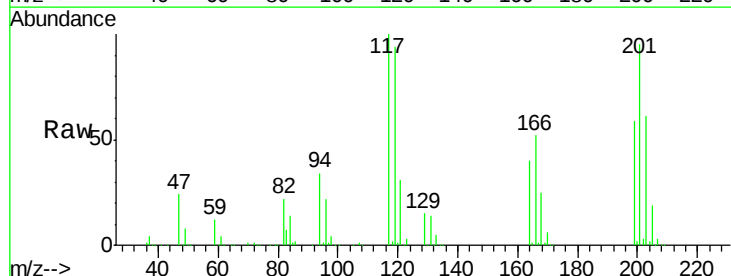


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

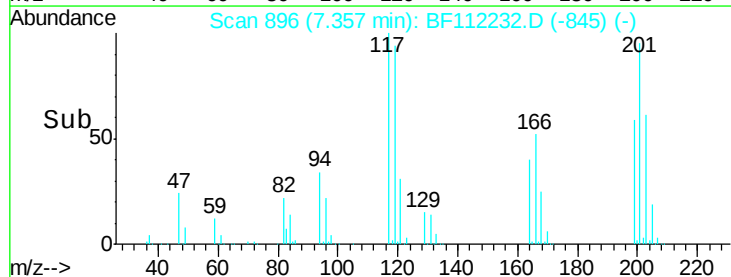
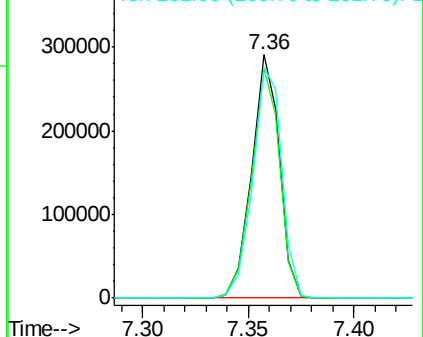


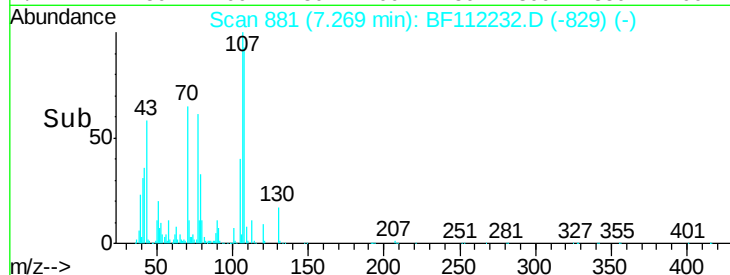
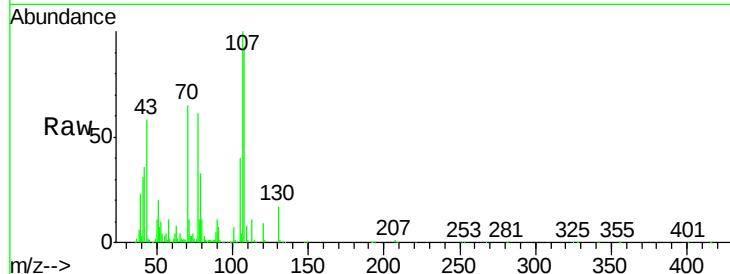
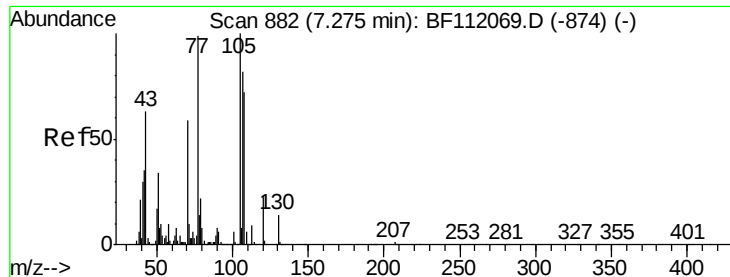
#18
Hexachloroethane
Concen: 52.12 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF112232.D
Acq: 25 Jan 2019 14:44

Tgt Ion:117 Resp: 265561
Ion Ratio Lower Upper
117 100
119 94.4 77.0 115.4
201 94.7 74.1 111.1



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

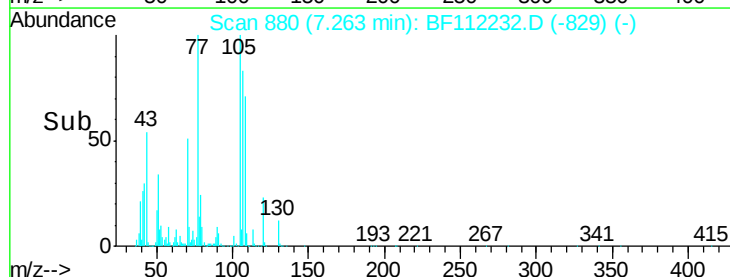
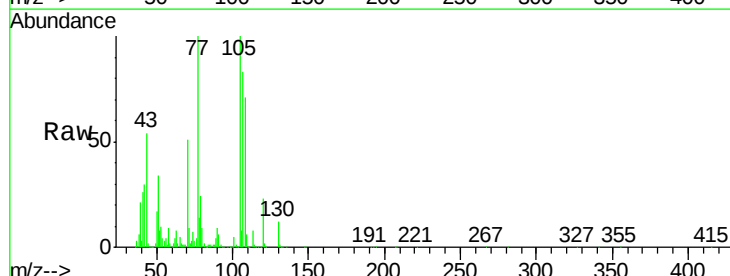
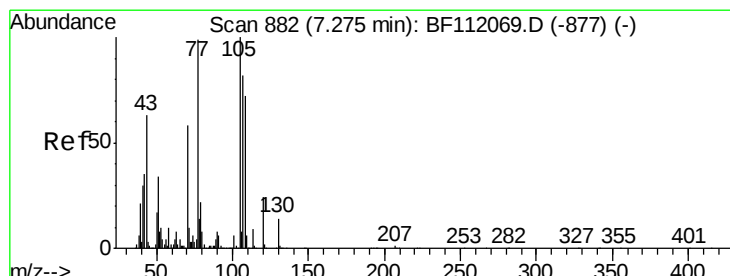
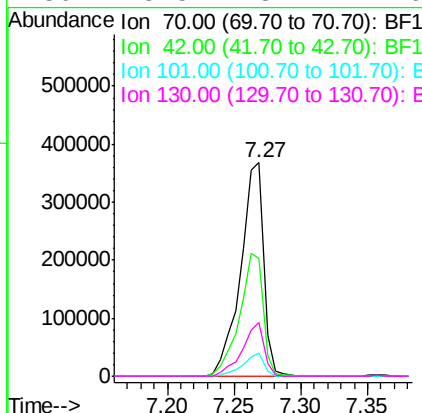




#19
n-Nitroso-di-n-propylamine
Concen: 51.64 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF112232.D
Acq: 25 Jan 2019 14:44

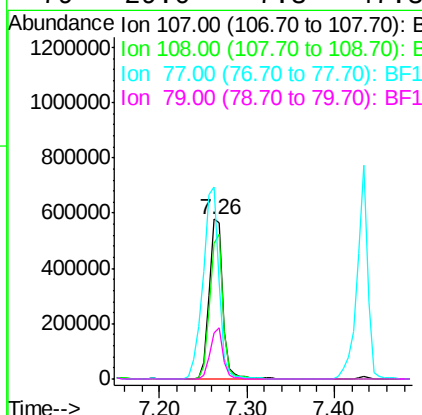
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

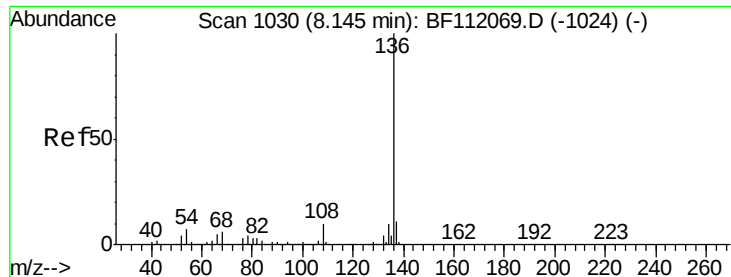
Tot Ion: 70 Resp: 443258
Ion Ratio Lower Upper
70 100
42 55.3 47.6 71.4
101 10.5 7.9 11.9
130 25.5 18.4 27.6



#20
3+4-Methylphenols
Concen: 52.50 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF112232.D
Acq: 25 Jan 2019 14:44

Tgt Ion: 107 Resp: 625187
Ion Ratio Lower Upper
107 100
108 85.1 68.2 108.2
77 120.5 100.7 140.7
79 29.0 7.3 47.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BF112232.D

Acq: 25 Jan 2019 14:44

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion:136 Resp: 778892

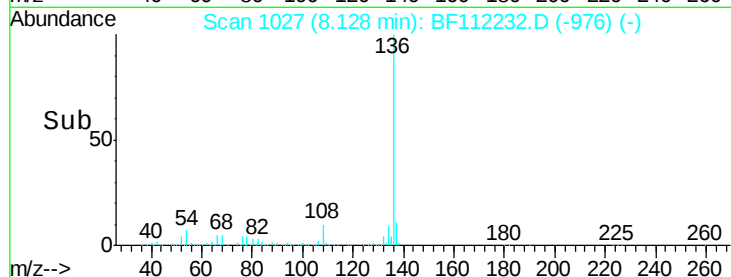
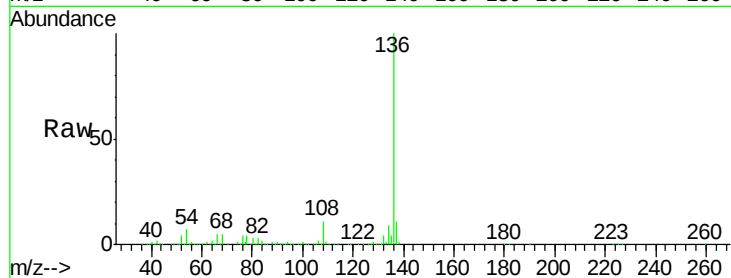
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 6.9 5.9 8.9

68 5.2 5.1 7.7

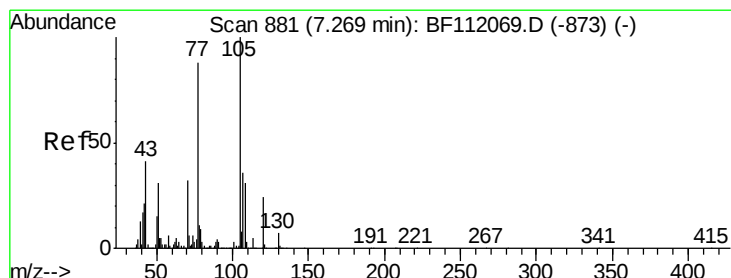
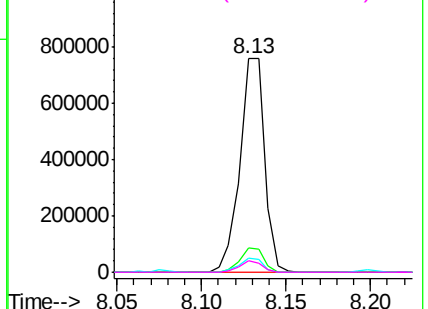


Abundance Ion 136.00 (135.70 to 136.70): E

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: 50.05 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.00 min

Lab File: BF112232.D

Acq: 25 Jan 2019 14:44

Tgt Ion:105 Resp: 903125

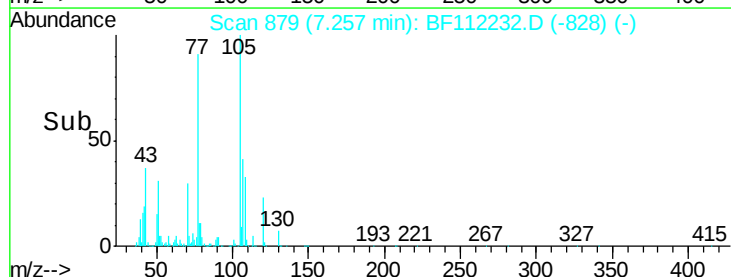
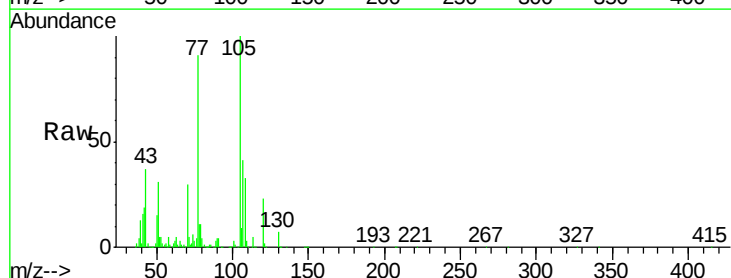
Ion Ratio Lower Upper

105 100

71 5.2 4.6 6.8

51 31.2 25.0 37.6

120 22.8 19.0 28.4

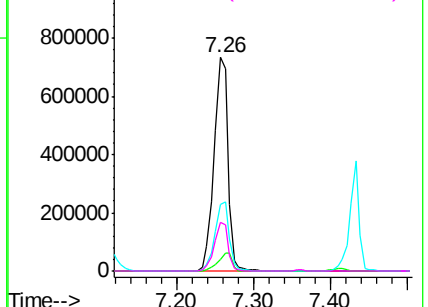


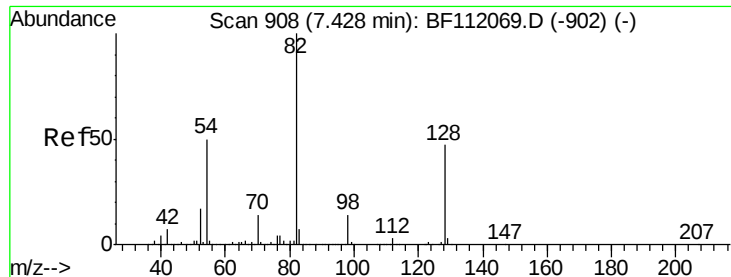
Abundance Ion 105.00 (104.70 to 105.70): E

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



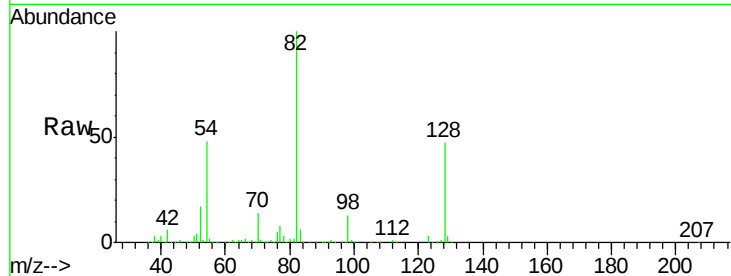


#23
 Nitrobenzene-d5
 Concen: 116.10 ng
 RT: 7.42 min Scan# 906
 Delta R.T. 0.01 min
 Lab File: BF112232.D
 Acq: 25 Jan 2019 14:44

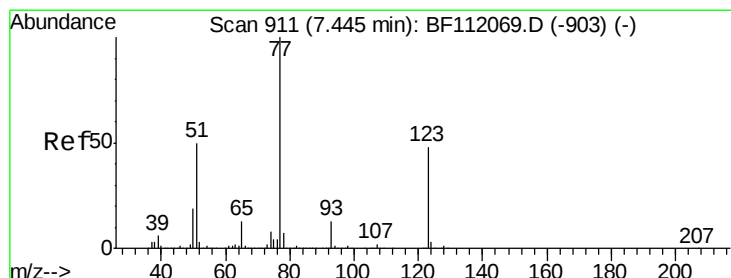
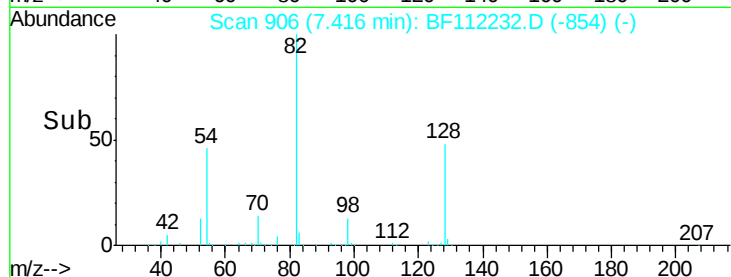
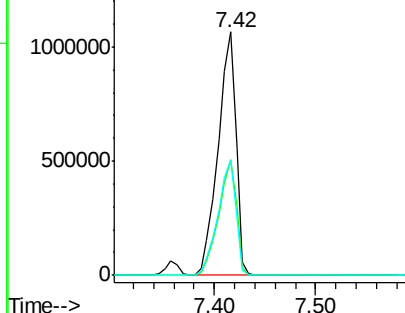
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion: 82 Resp: 1308874

Ion	Ratio	Lower	Upper
82	100		
128	47.4	37.8	56.8
54	47.7	39.7	59.5



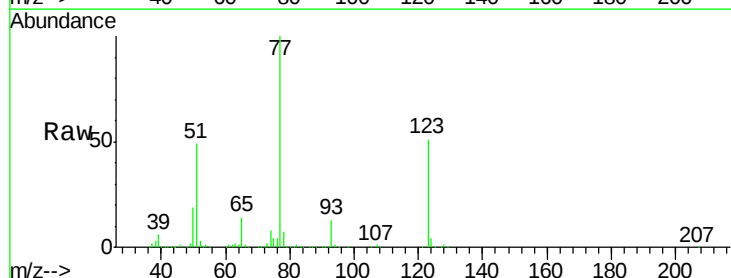
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



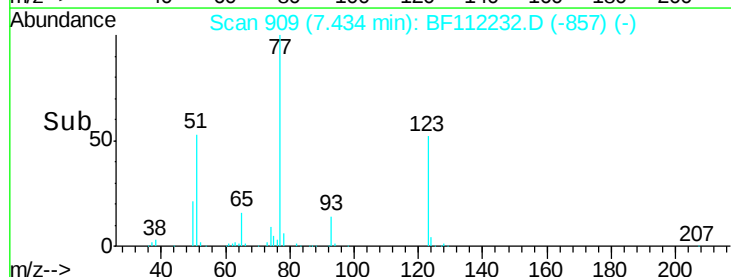
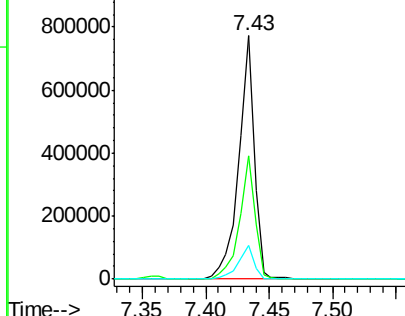
#24
 Nitrobenzene
 Concen: 54.40 ng
 RT: 7.43 min Scan# 909
 Delta R.T. 0.01 min
 Lab File: BF112232.D
 Acq: 25 Jan 2019 14:44

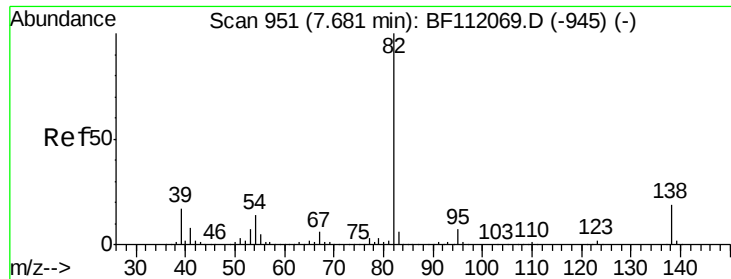
Tgt Ion: 77 Resp: 650028

Ion	Ratio	Lower	Upper
77	100		
123	50.7	38.4	57.6
65	13.8	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: 48.53 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.01 min

Lab File: BF112232.D

Acq: 25 Jan 2019 14:44

Instrument :

BNA_F

ClientSampled :

SSTDICC050

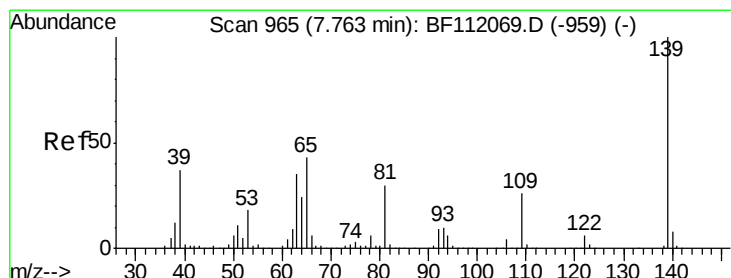
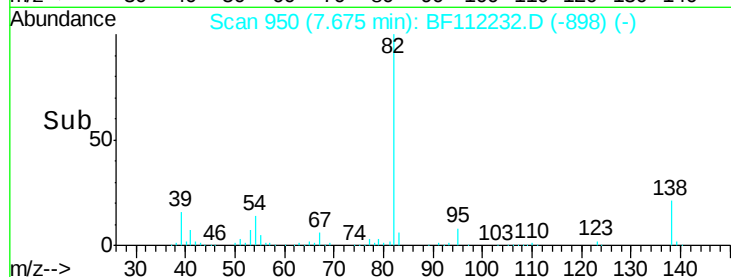
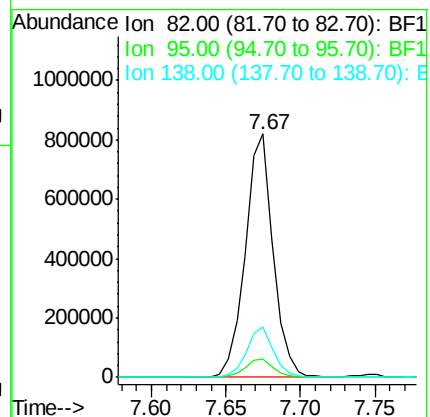
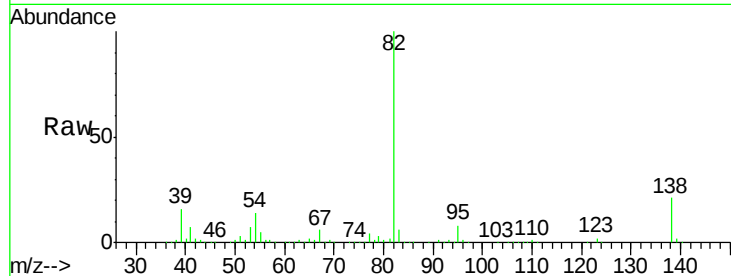
Tot Ion: 82 Resp: 1056830

Ion Ratio Lower Upper

82 100

95 7.6 5.7 8.5

138 20.7 15.4 23.0



#26

2-Nitrophenol

Concen: 65.39 ng

RT: 7.75 min Scan# 962

Delta R.T. 0.00 min

Lab File: BF112232.D

Acq: 25 Jan 2019 14:44

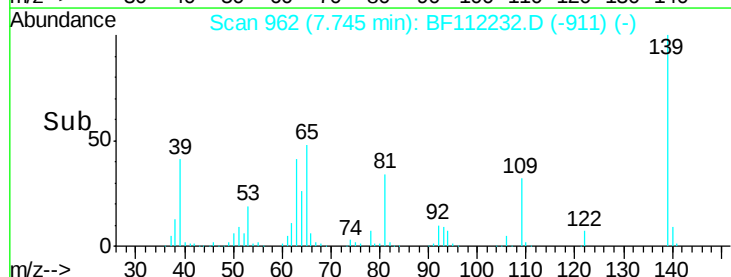
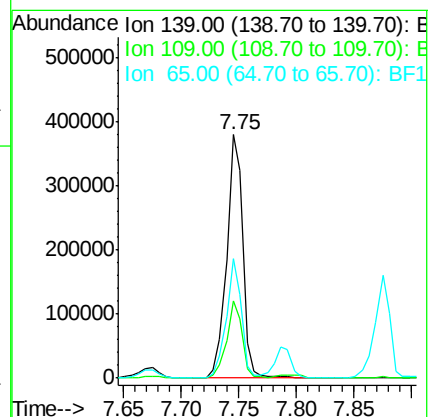
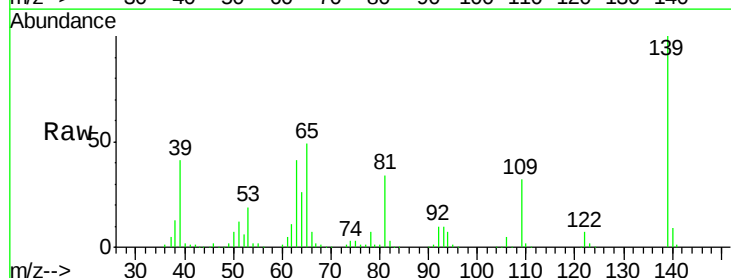
Tgt Ion: 139 Resp: 368819

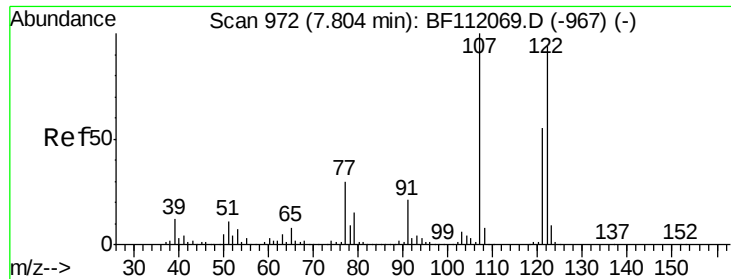
Ion Ratio Lower Upper

139 100

109 31.7 20.8 31.2#

65 49.0 34.4 51.6

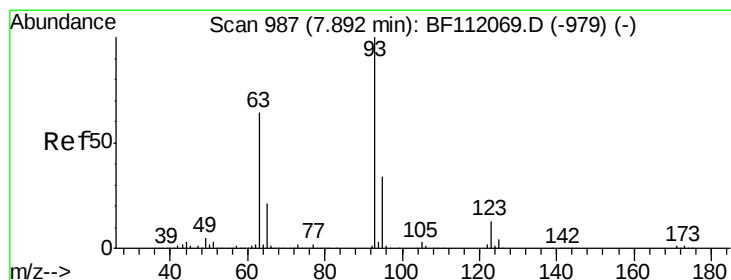
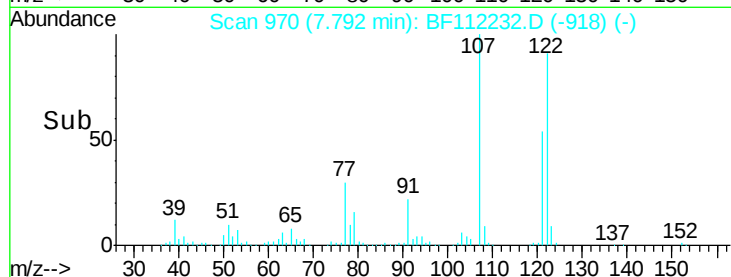
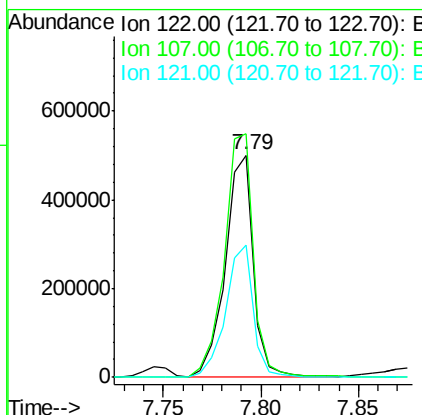
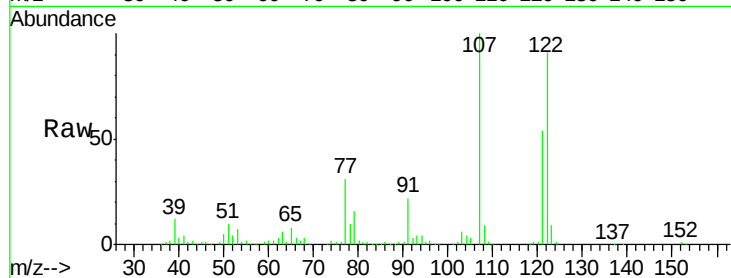




#27
 2,4-Dimethylphenol
 Concen: 48.80 ng
 RT: 7.79 min Scan# 970
 Delta R.T. 0.01 min
 Lab File: BF112232.D
 Acq: 25 Jan 2019 14:44

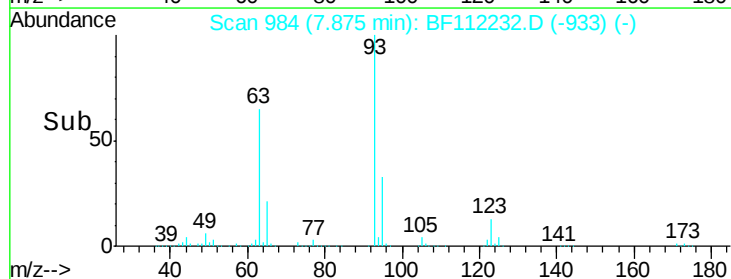
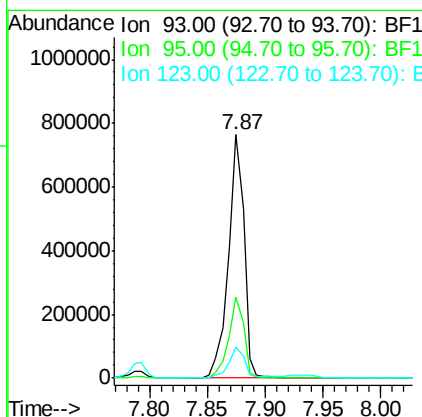
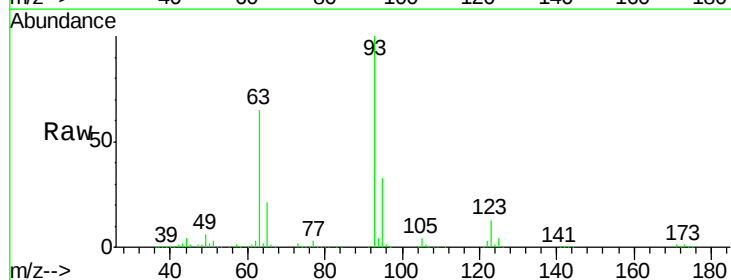
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

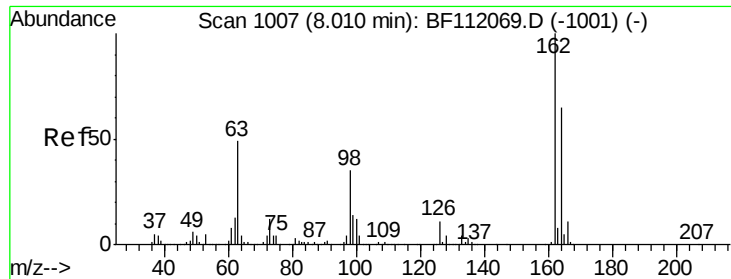
Tot Ion:122 Resp: 493240
 Ion Ratio Lower Upper
 122 100
 107 109.7 85.4 128.0
 121 59.7 47.0 70.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 47.96 ng
 RT: 7.87 min Scan# 984
 Delta R.T. 0.00 min
 Lab File: BF112232.D
 Acq: 25 Jan 2019 14:44

Tgt Ion: 93 Resp: 716323
 Ion Ratio Lower Upper
 93 100
 95 33.2 26.8 40.2
 123 12.7 10.2 15.2

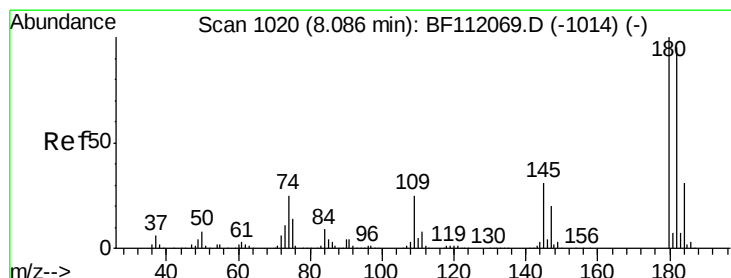
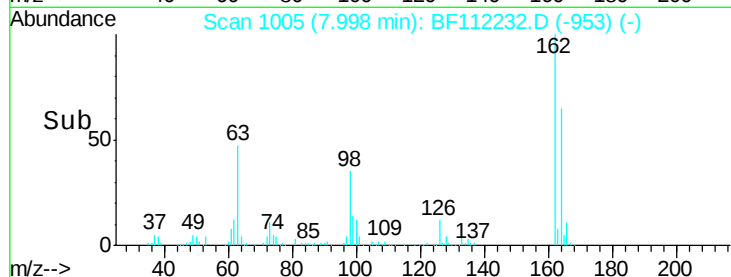
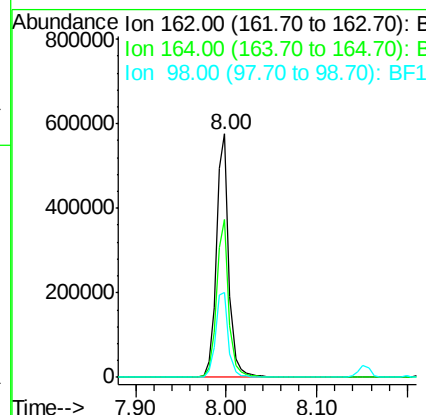
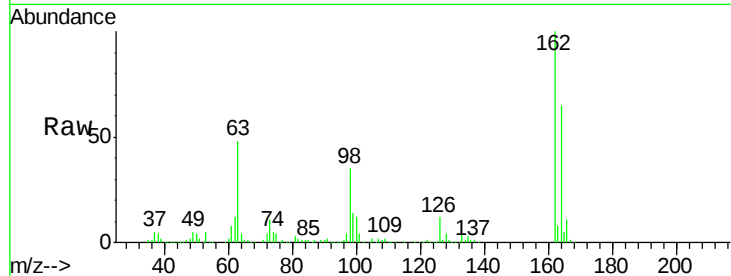




#29
 2,4-Dichlorophenol
 Concen: 50.08 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. 0.01 min
 Lab File: BF112232.D
 Acq: 25 Jan 2019 14:44

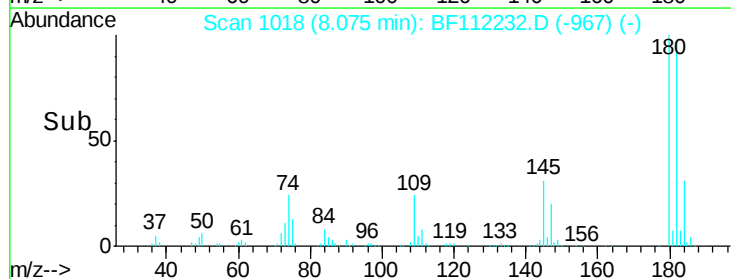
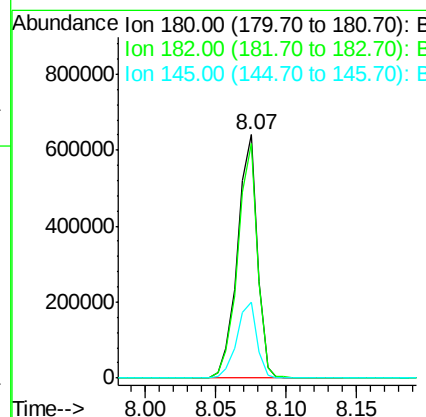
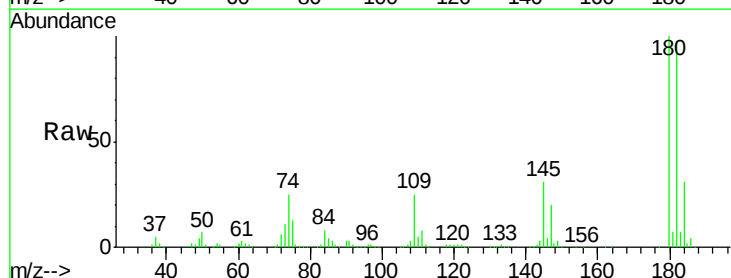
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

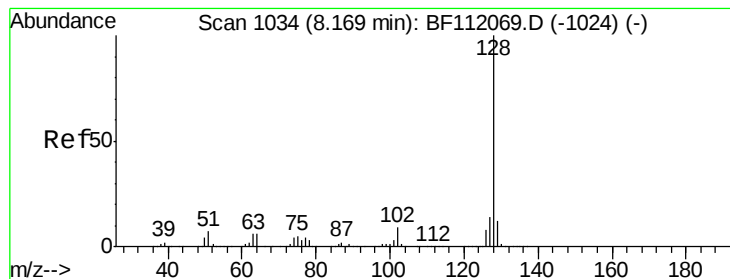
Tot Ion:162	Resp:	552922
Ion Ratio	Lower	Upper
162	100	
164	65.0	44.6 84.6
98	34.9	14.6 54.6



#30
 1,2,4-Trichlorobenzene
 Concen: 49.10 ng
 RT: 8.07 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BF112232.D
 Acq: 25 Jan 2019 14:44

Tgt Ion:180	Resp:	629144
Ion Ratio	Lower	Upper
180	100	
182	96.6	76.4 114.6
145	31.4	25.0 37.4





#31

Naphthalene

Concen: 49.57 ng

RT: 8.15 min Scan# 1031

Delta R.T. 0.00 min

Lab File: BF112232.D

Acq: 25 Jan 2019 14:44

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

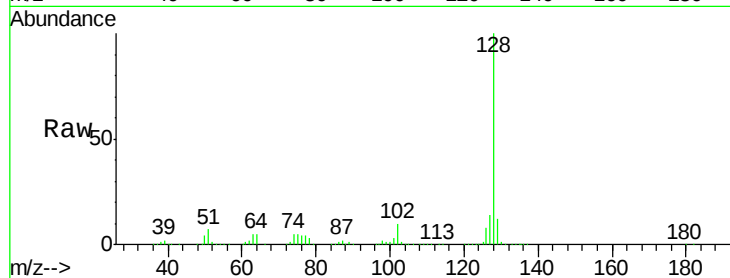
Tot Ion:128 Resp: 1755947

Ion Ratio Lower Upper

128 100

129 11.7 9.6 14.4

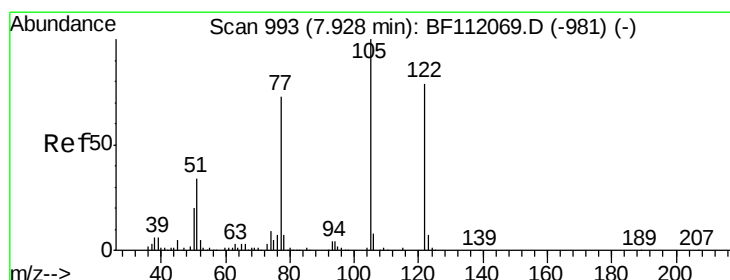
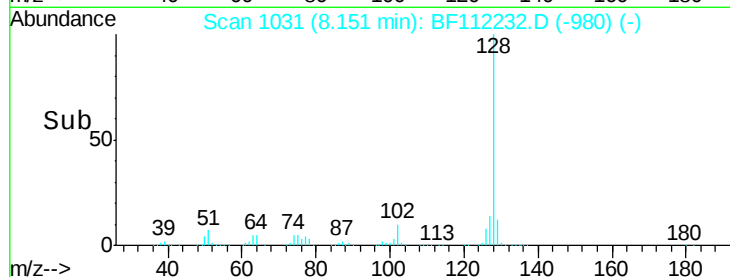
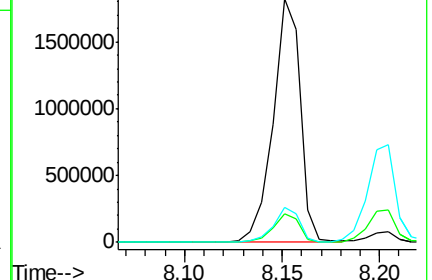
127 14.2 11.1 16.7



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: 70.87 ng

RT: 7.94 min Scan# 995

Delta R.T. 0.01 min

Lab File: BF112232.D

Acq: 25 Jan 2019 14:44

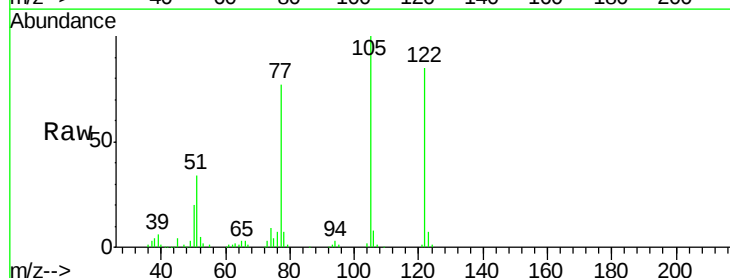
Tgt Ion:122 Resp: 294709

Ion Ratio Lower Upper

122 100

105 117.8 101.2 141.2

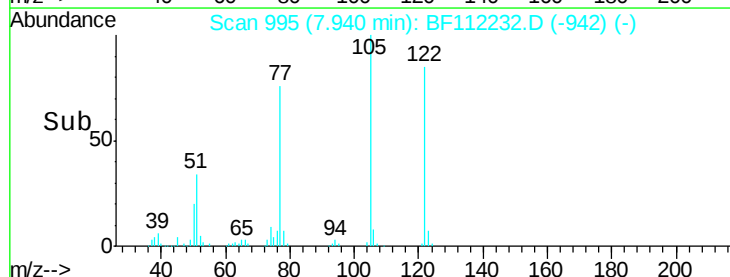
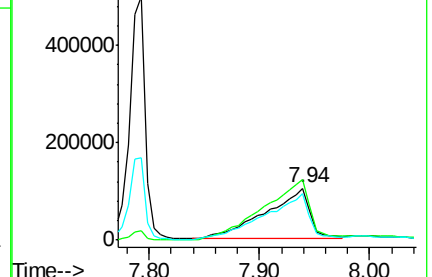
77 90.3 70.4 110.4

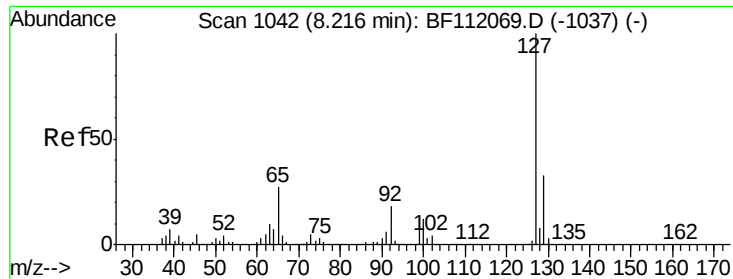


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

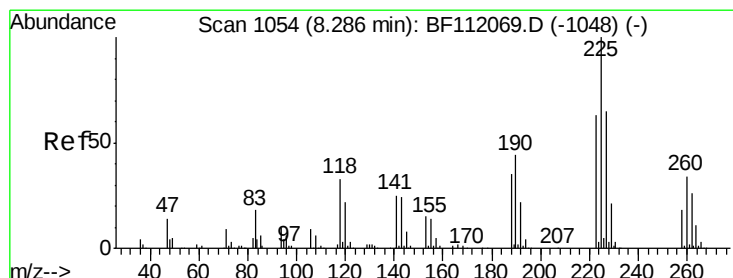
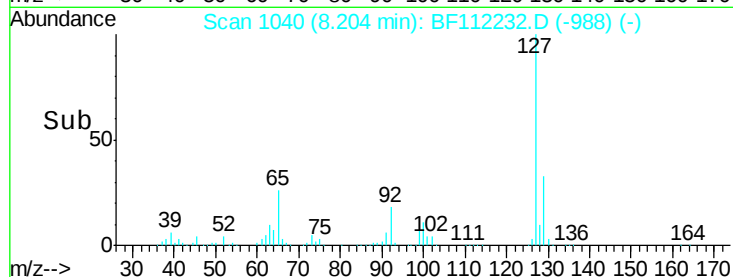
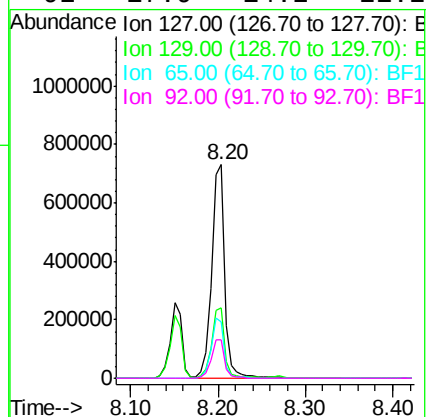
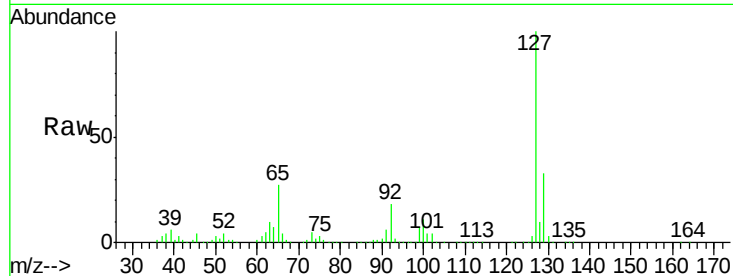




#33
4-Chloroaniline
Concen: 47.60 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.01 min
Lab File: BF112232.D
Acq: 25 Jan 2019 14:44

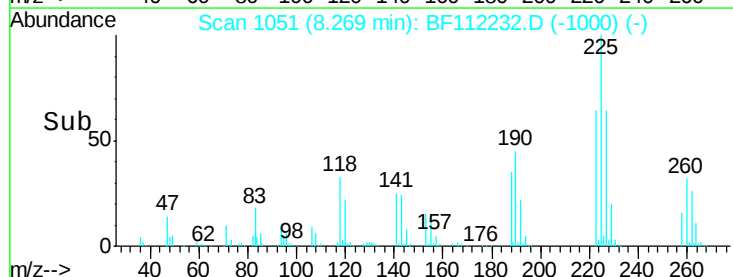
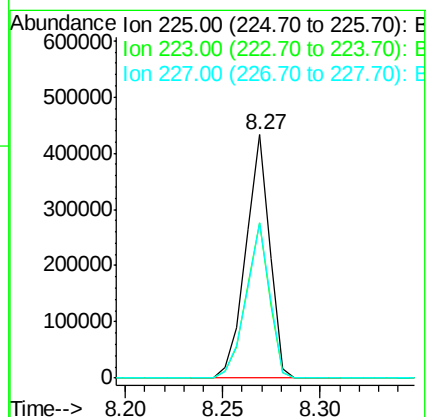
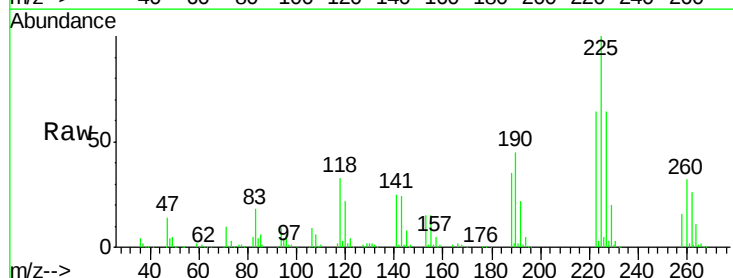
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

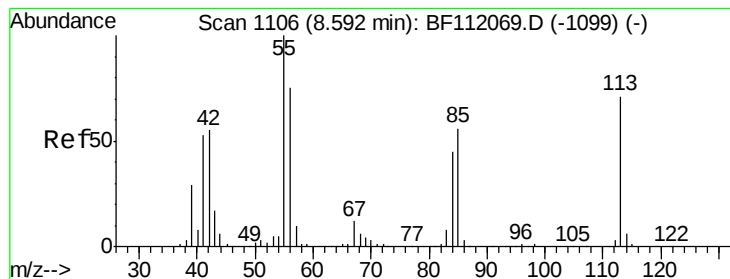
Tot Ion:	127	Resp:	757779
Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.6	39.8
65	26.6	21.4	32.2
92	17.9	14.2	21.2



#34
Hexachlorobutadiene
Concen: 51.40 ng
RT: 8.27 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BF112232.D
Acq: 25 Jan 2019 14:44

Tgt Ion:	225	Resp:	366507
Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.3	75.5
227	64.0	51.8	77.8





#35

Caprolactam

Concen: 48.10 ng

RT: 8.59 min Scan# 1106

Delta R.T. 0.01 min

Lab File: BF112232.D

Acq: 25 Jan 2019 14:44

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

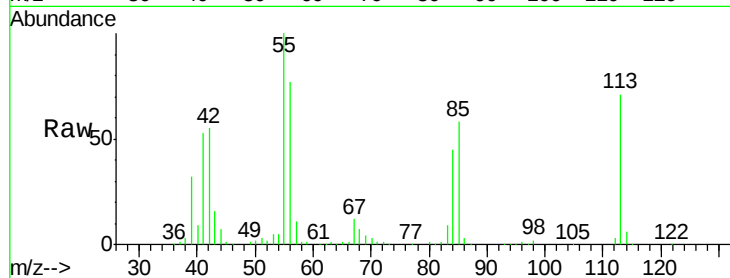
Tot Ion:113 Resp: 185868

Ion Ratio Lower Upper

113 100

55 140.5 121.6 161.6

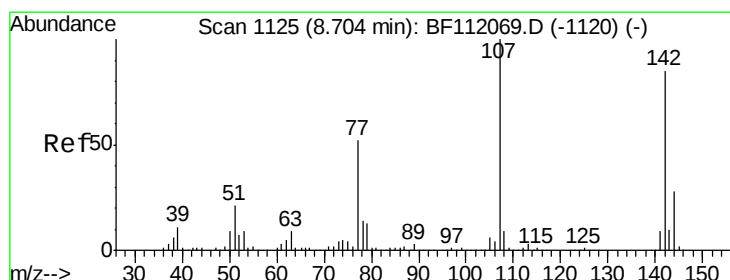
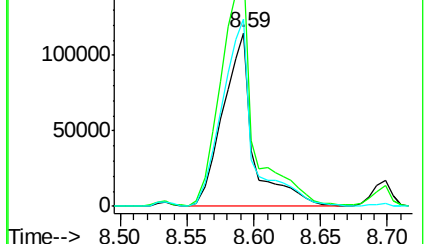
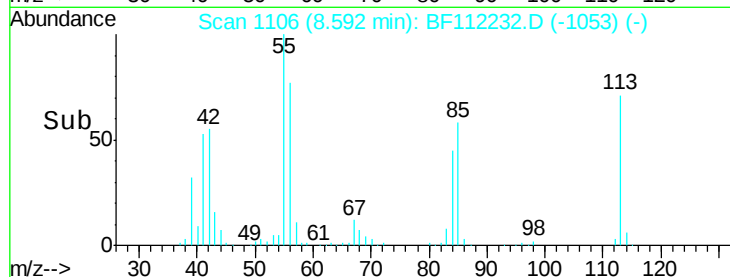
56 108.1 86.7 126.7



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: 52.47 ng

RT: 8.70 min Scan# 1124

Delta R.T. 0.01 min

Lab File: BF112232.D

Acq: 25 Jan 2019 14:44

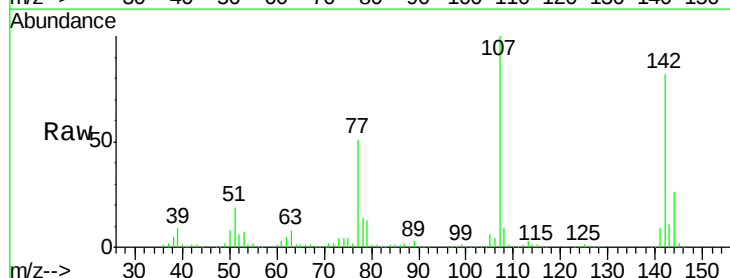
Tgt Ion:107 Resp: 565895

Ion Ratio Lower Upper

107 100

144 26.1 22.2 33.2

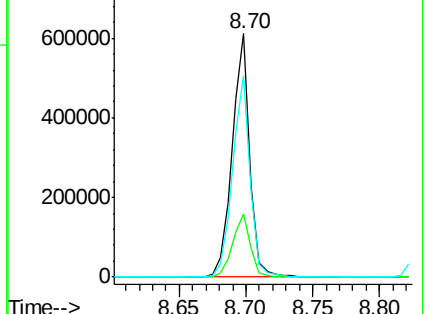
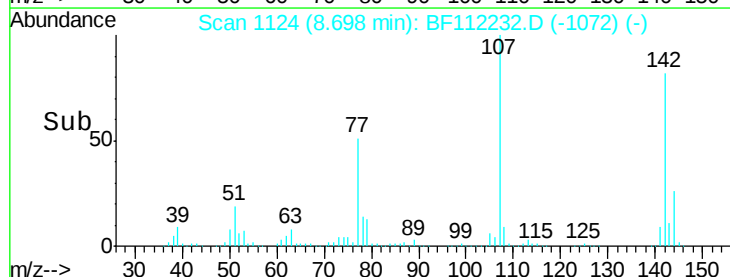
142 82.5 67.7 101.5

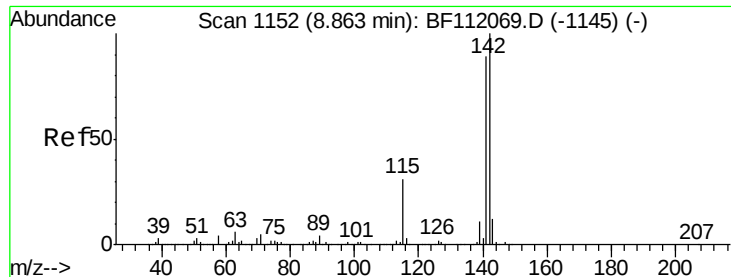


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

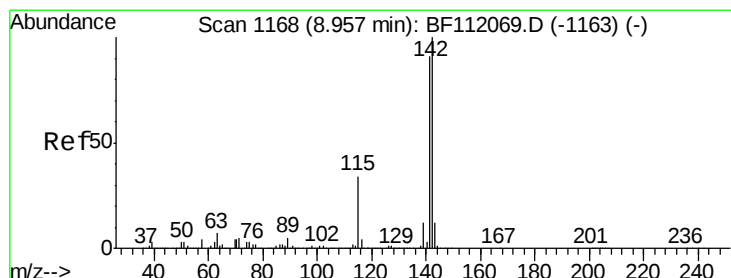
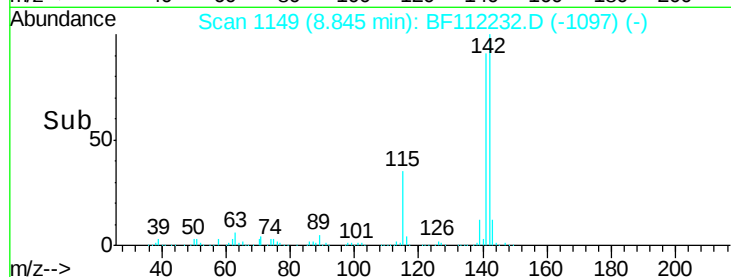
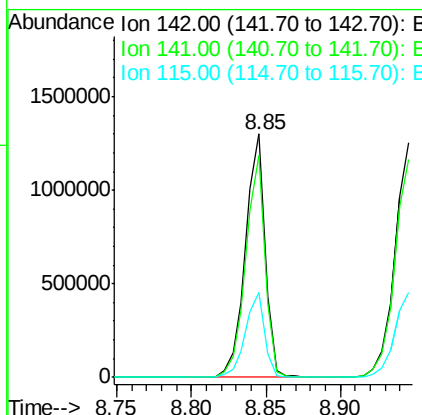
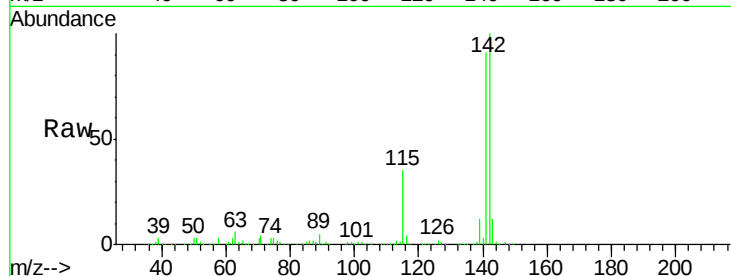




#37
2-Methylnaphthalene
Concen: 49.38 ng
RT: 8.85 min Scan# 1149
Delta R.T. 0.01 min
Lab File: BF112232.D
Acq: 25 Jan 2019 14:44

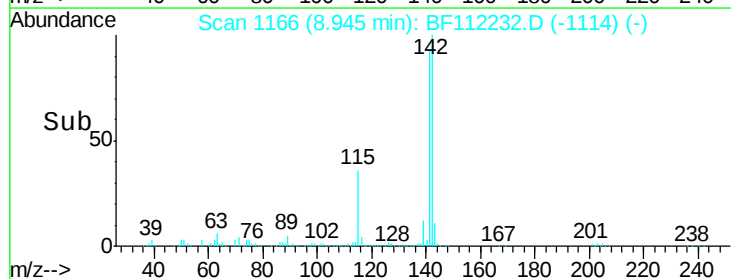
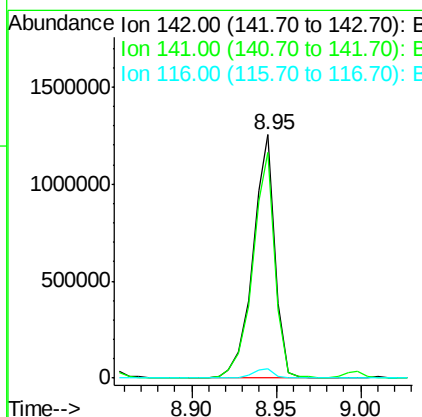
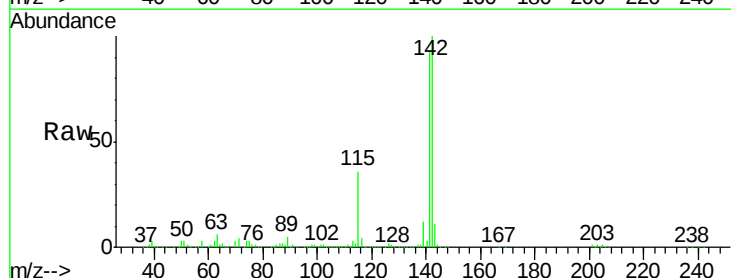
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

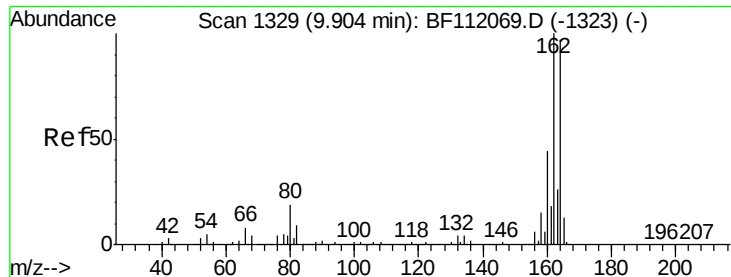
Tot Ion:142 Resp: 1187981
Ion Ratio Lower Upper
142 100
141 91.1 70.9 106.3
115 35.1 24.9 37.3



#38
1-Methylnaphthalene
Concen: 49.15 ng
RT: 8.95 min Scan# 1166
Delta R.T. 0.01 min
Lab File: BF112232.D
Acq: 25 Jan 2019 14:44

Tgt Ion:142 Resp: 1136398
Ion Ratio Lower Upper
142 100
141 92.9 72.6 108.8
116 3.7 2.8 4.2

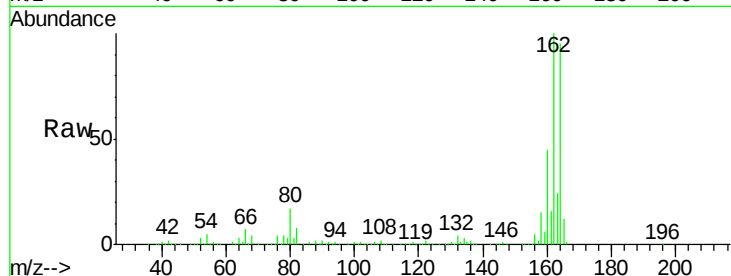




#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BF112232.D
 Acq: 25 Jan 2019 14:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.1	82.2	123.4
160	46.9	36.2	54.4

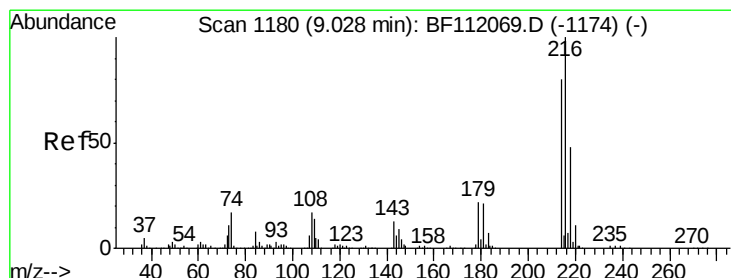
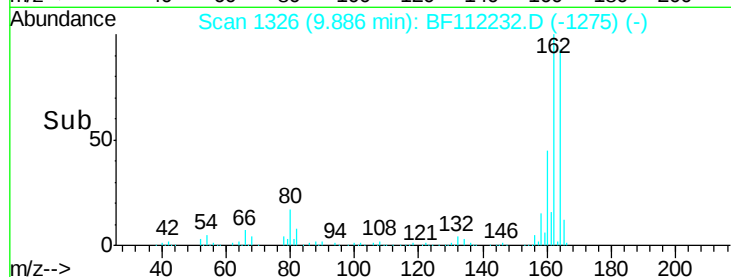
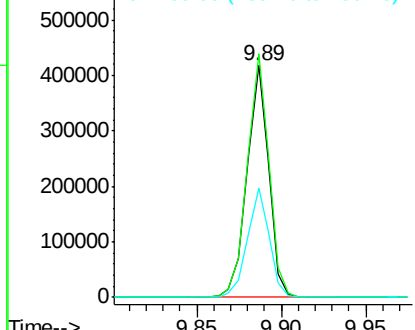


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 50.35 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.01 min
 Lab File: BF112232.D
 Acq: 25 Jan 2019 14:44

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.8	95.6
179	22.3	16.9	25.3
108	18.7	14.2	21.4

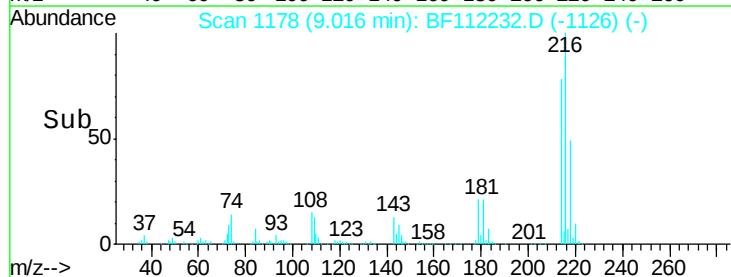
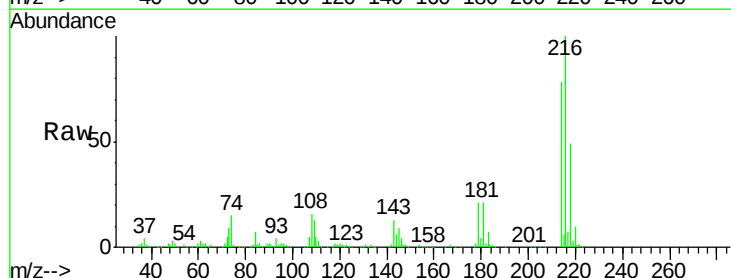
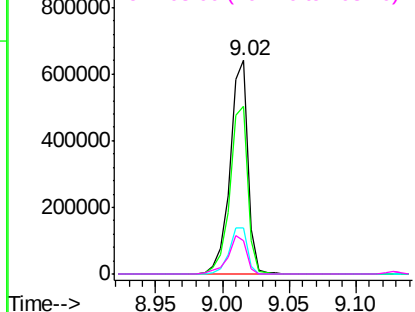
Abundance

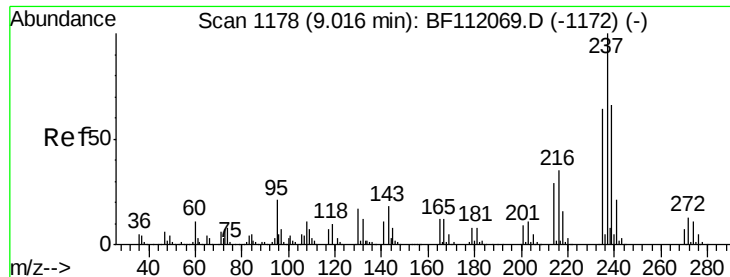
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 53.17 ng

RT: 9.00 min Scan# 1175

Delta R.T. 0.00 min

Lab File: BF112232.D

Acq: 25 Jan 2019 14:44

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

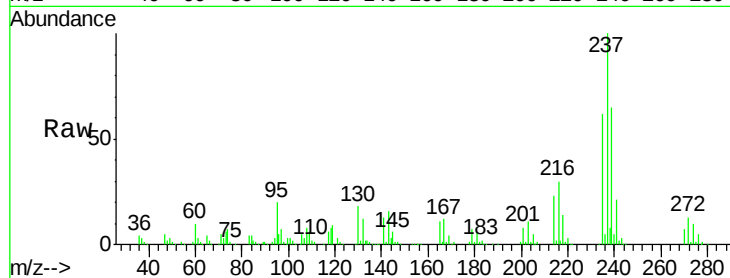
Tot Ion:237 Resp: 210761

Ion Ratio Lower Upper

237 100

235 62.1 44.0 84.0

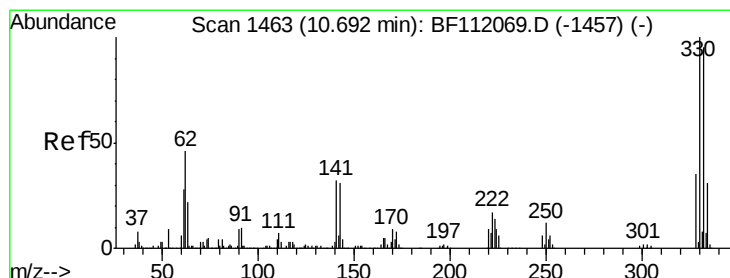
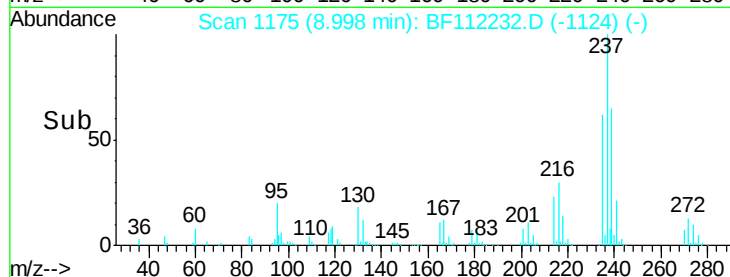
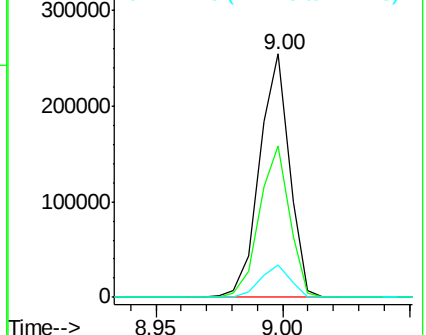
272 13.2 0.0 33.3



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: 112.07 ng

RT: 10.68 min Scan# 1461

Delta R.T. 0.00 min

Lab File: BF112232.D

Acq: 25 Jan 2019 14:44

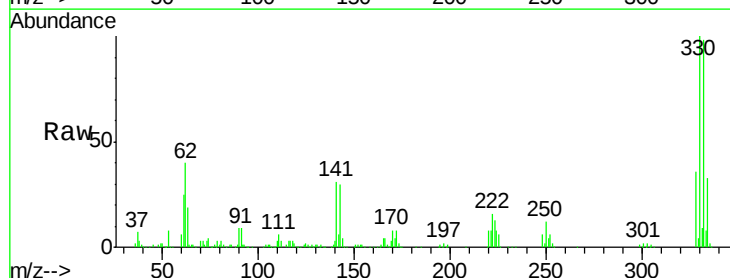
Tgt Ion:330 Resp: 455403

Ion Ratio Lower Upper

330 100

332 96.0 76.6 114.8

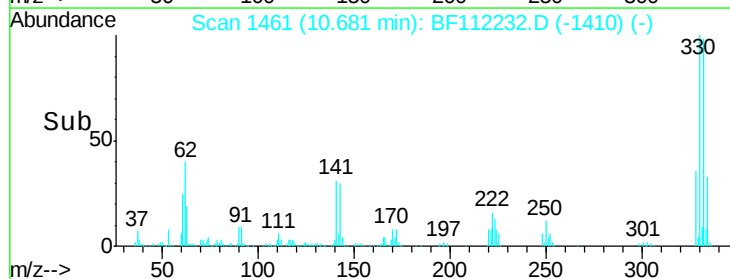
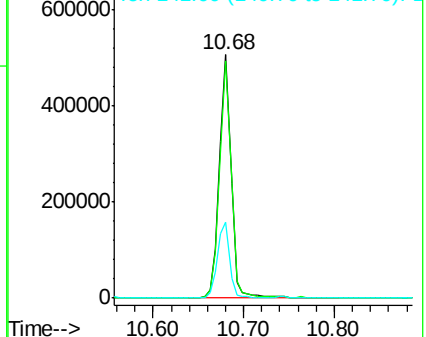
141 32.4 24.3 36.5

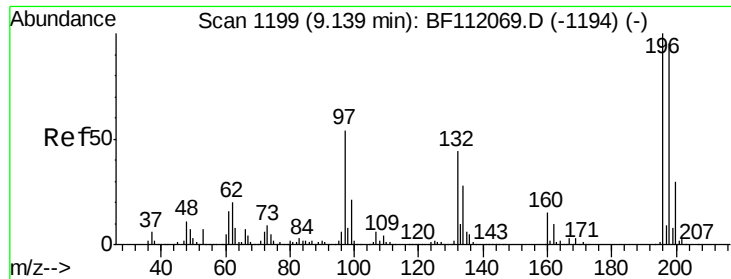


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

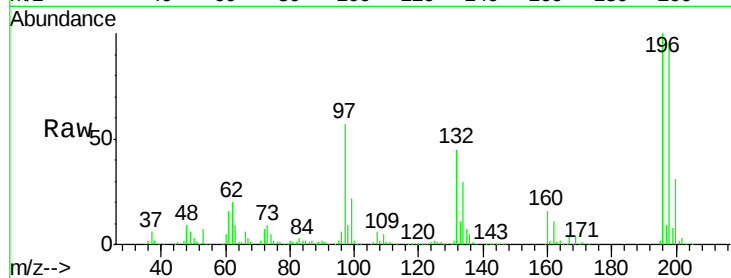




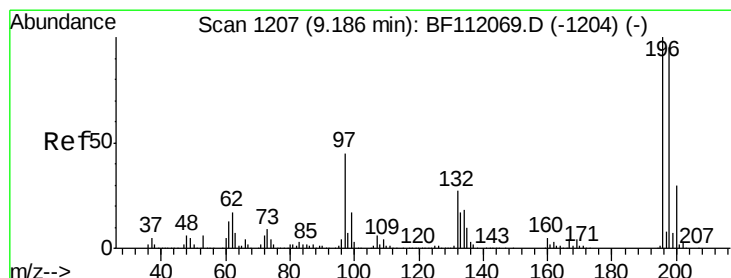
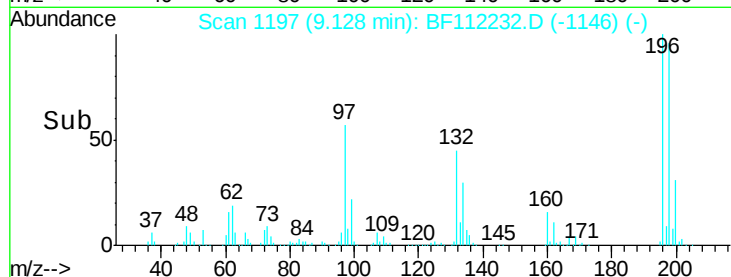
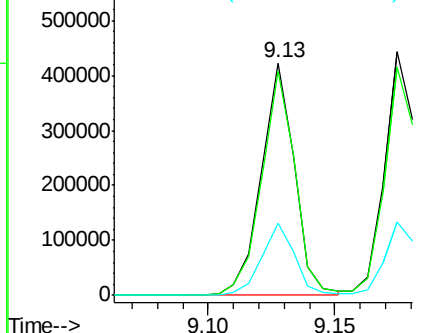
#43
 2,4,6-Trichlorophenol
 Concen: 53.70 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF112232.D
 Acq: 25 Jan 2019 14:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion:196 Resp: 388552
 Ion Ratio Lower Upper
 196 100
 198 96.5 76.2 114.4
 200 31.1 24.3 36.5



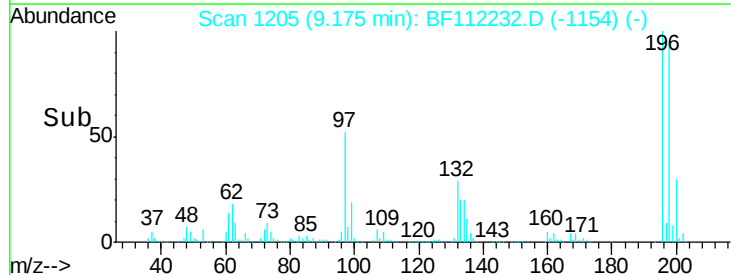
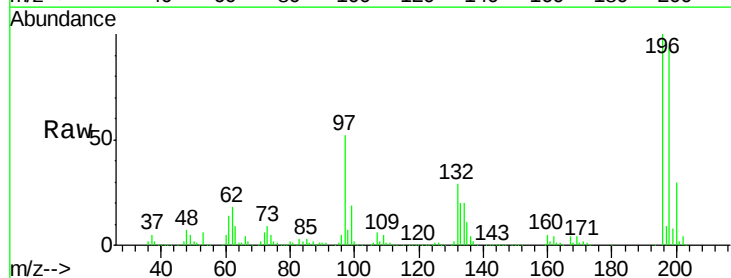
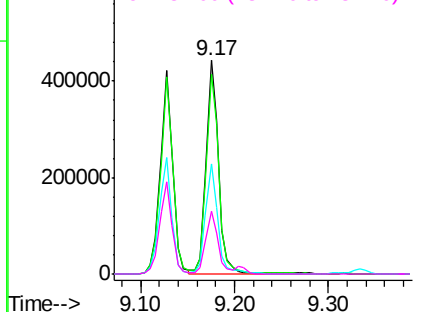
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

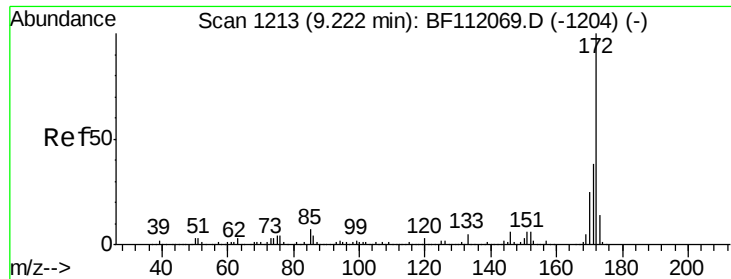


#44
 2,4,5-Trichlorophenol
 Concen: 53.41 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF112232.D
 Acq: 25 Jan 2019 14:44

Tgt Ion:196 Resp: 411654
 Ion Ratio Lower Upper
 196 100
 198 93.8 76.0 114.0
 97 51.6 36.4 54.6
 132 29.2 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

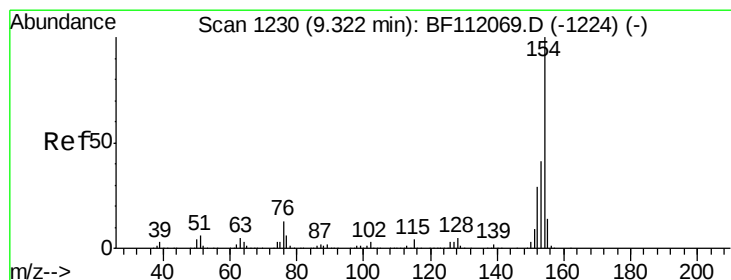
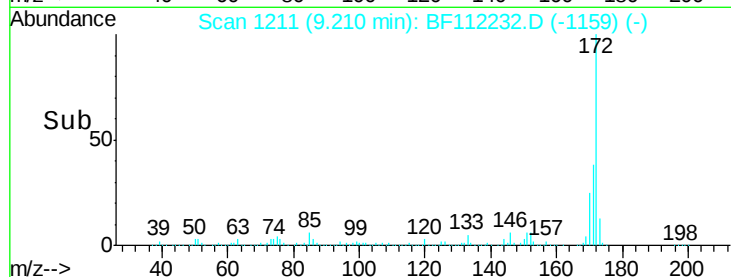
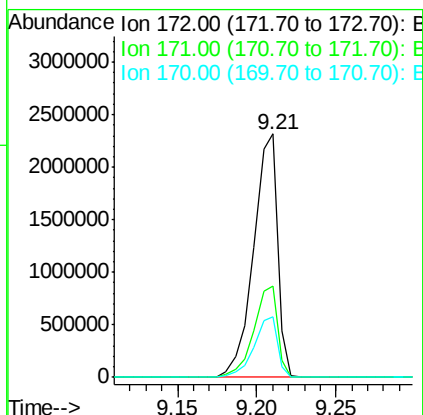
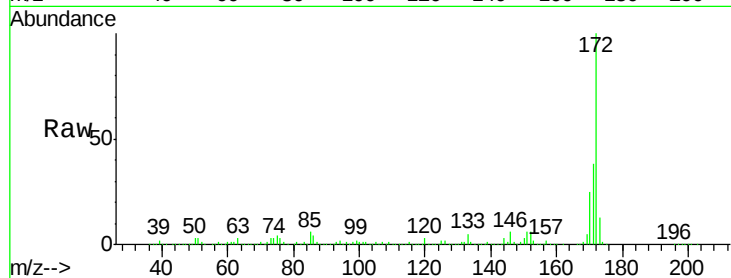




#45
2-Fluorobiphenyl
Concen: 95.86 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.01 min
Lab File: BF112232.D
Acq: 25 Jan 2019 14:44

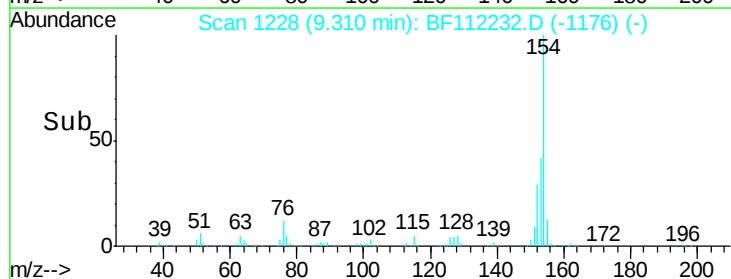
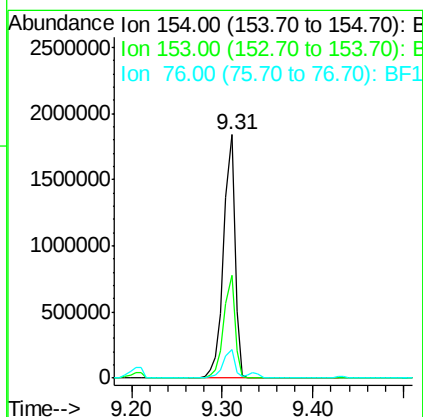
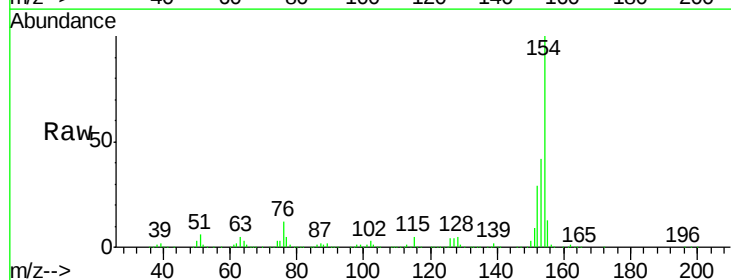
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

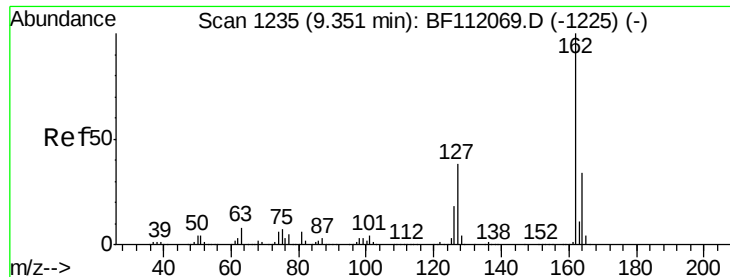
Tot Ion:172 Resp: 2462847
Ion Ratio Lower Upper
172 100
171 37.6 30.5 45.7
170 25.0 20.2 30.4



#46
1,1'-Biphenyl
Concen: 50.28 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.01 min
Lab File: BF112232.D
Acq: 25 Jan 2019 14:44

Tgt Ion:154 Resp: 1583759
Ion Ratio Lower Upper
154 100
153 42.4 21.5 61.5
76 11.8 0.0 33.1

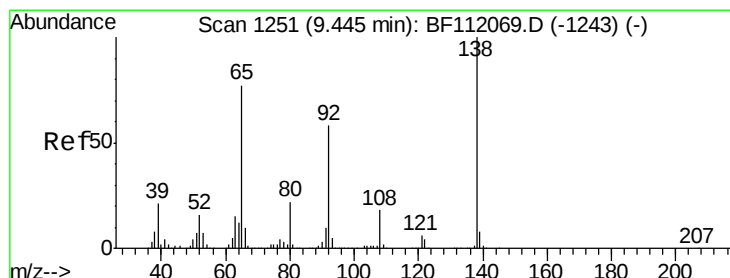
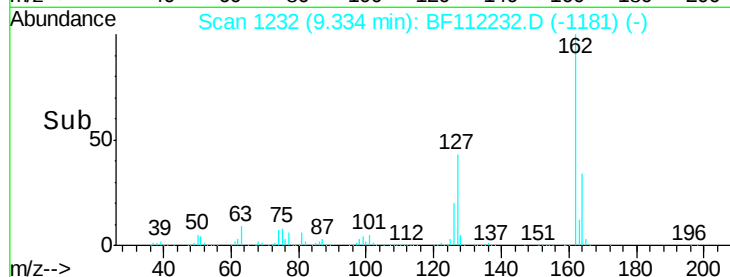
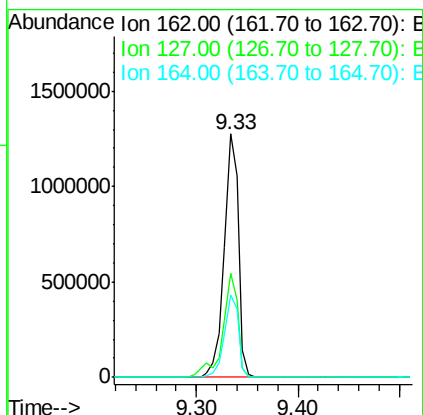
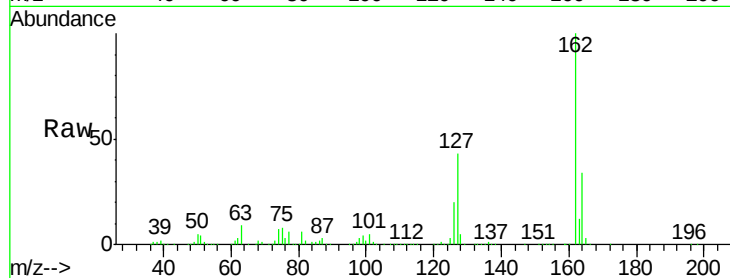




#47
2-Chloronaphthalene
Concen: 50.36 ng
RT: 9.33 min Scan# 1232
Delta R.T. 0.00 min
Lab File: BF112232.D
Acq: 25 Jan 2019 14:44

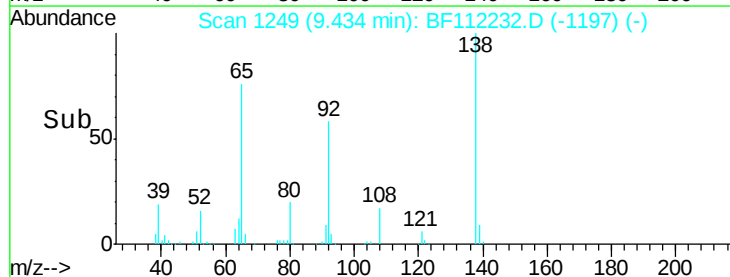
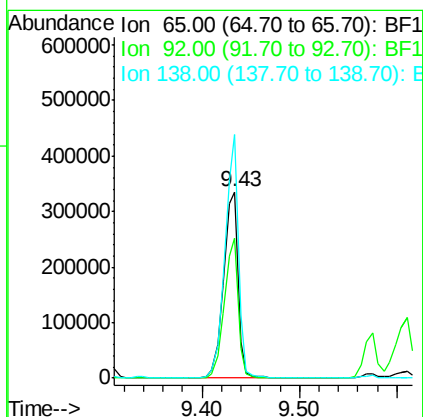
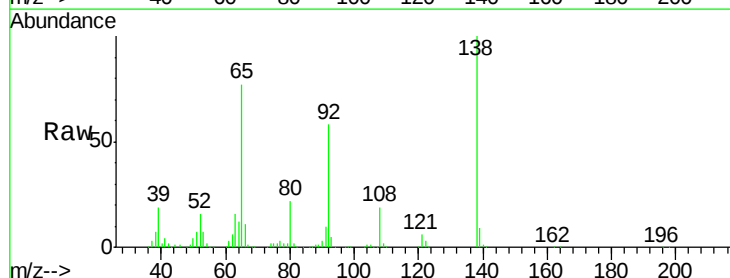
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

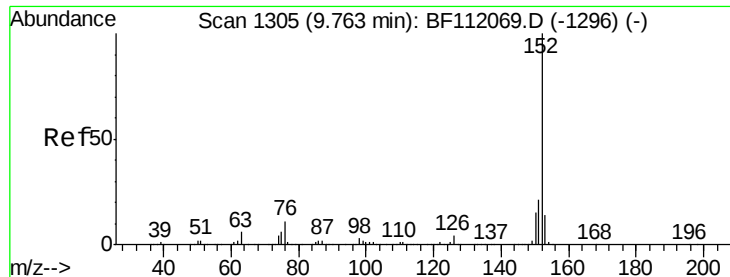
Tot Ion:162 Resp: 1241766
Ion Ratio Lower Upper
162 100
127 42.9 30.4 45.6
164 33.7 27.4 41.2



#48
2-Nitroaniline
Concen: 62.64 ng
RT: 9.43 min Scan# 1249
Delta R.T. 0.01 min
Lab File: BF112232.D
Acq: 25 Jan 2019 14:44

Tgt Ion: 65 Resp: 347850
Ion Ratio Lower Upper
65 100
92 75.1 60.4 90.6
138 130.5 104.4 156.6





#49

Acenaphthylene

Concen: 50.44 ng

RT: 9.75 min Scan# 1303

Delta R.T. 0.01 min

Lab File: BF112232.D

Acq: 25 Jan 2019 14:44

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

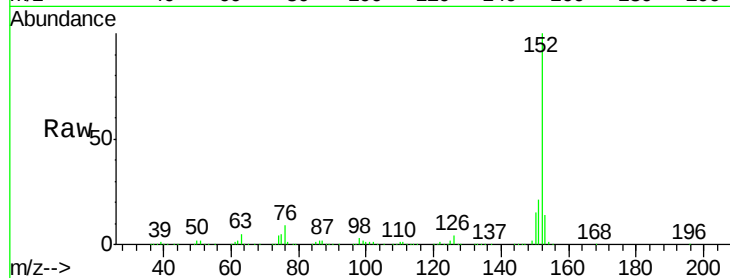
Tot Ion:152 Resp: 1814908

Ion Ratio Lower Upper

152 100

151 21.4 17.0 25.6

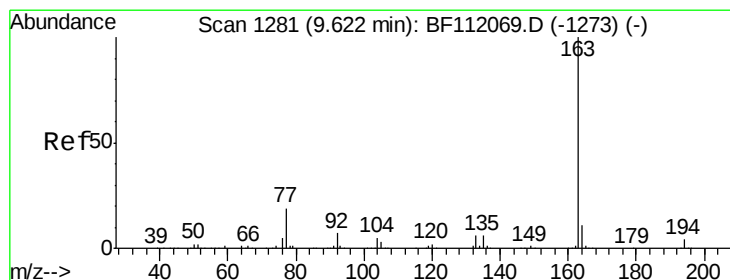
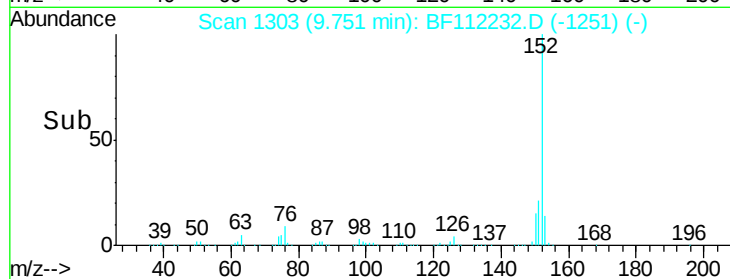
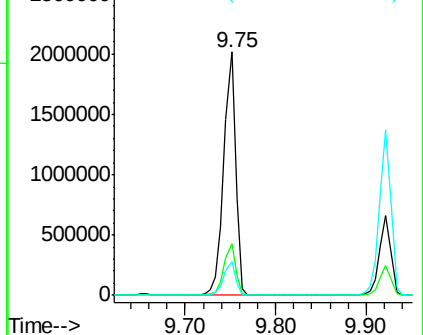
153 13.7 11.2 16.8



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: 52.03 ng

RT: 9.61 min Scan# 1279

Delta R.T. 0.01 min

Lab File: BF112232.D

Acq: 25 Jan 2019 14:44

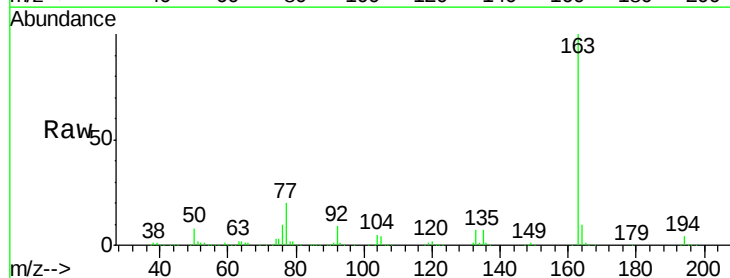
Tgt Ion:163 Resp: 1429453

Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

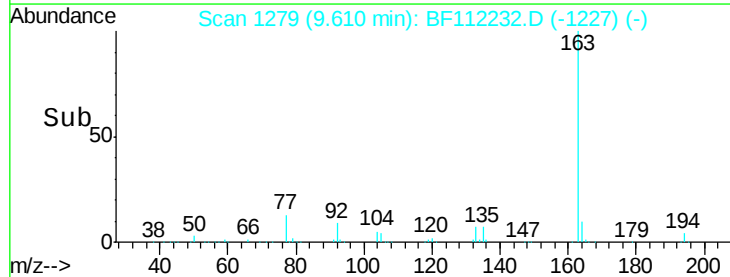
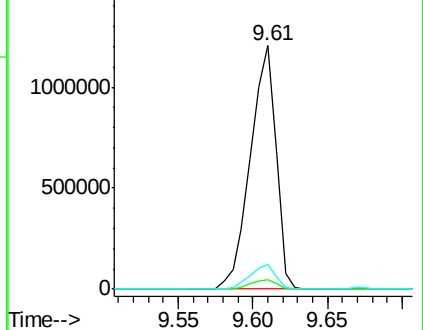
164 10.3 8.5 12.7

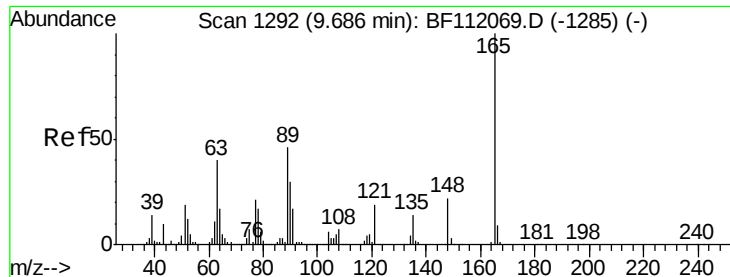


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 59.58 ng

RT: 9.67 min Scan# 1290

Delta R.T. 0.01 min

Lab File: BF112232.D

Acq: 25 Jan 2019 14:44

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

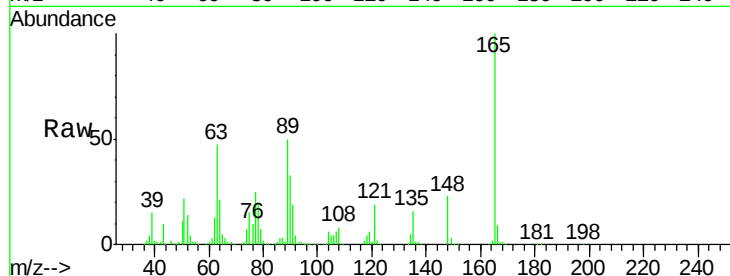
Tot Ion:165 Resp: 326852

Ion Ratio Lower Upper

165 100

63 46.9 33.8 50.8

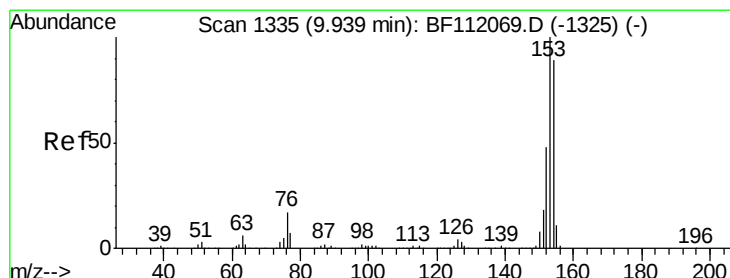
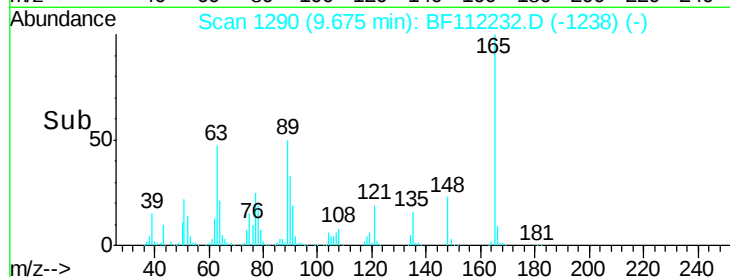
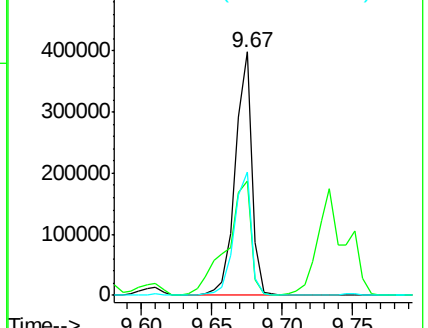
89 50.5 36.9 55.3



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: 49.26 ng

RT: 9.92 min Scan# 1332

Delta R.T. 0.00 min

Lab File: BF112232.D

Acq: 25 Jan 2019 14:44

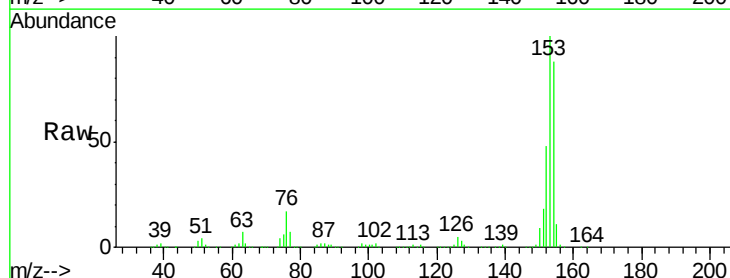
Tgt Ion:154 Resp: 1084305

Ion Ratio Lower Upper

154 100

153 113.8 89.8 134.6

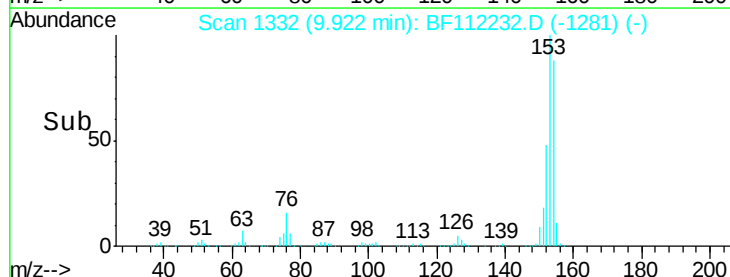
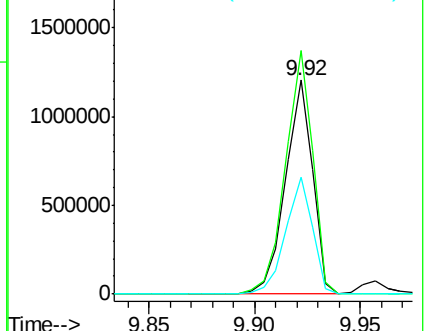
152 54.6 43.5 65.3

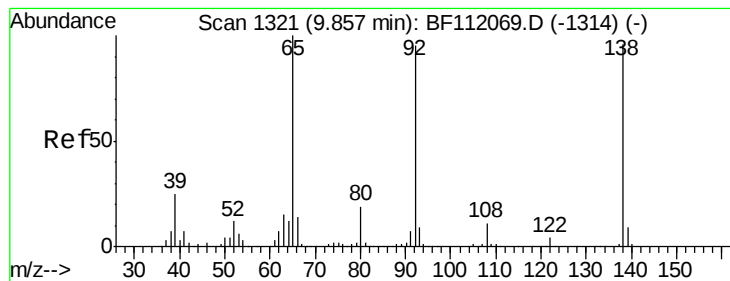


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 56.87 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.01 min

Lab File: BF112232.D

Acq: 25 Jan 2019 14:44

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

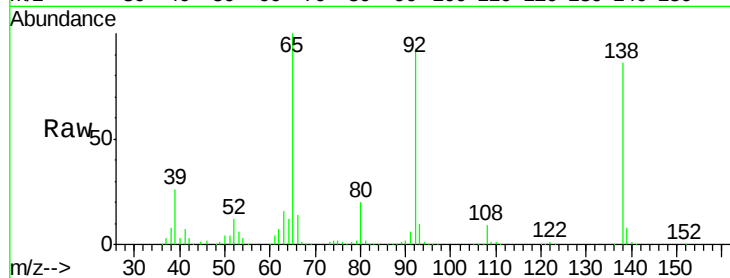
Tot Ion:138 Resp: 348910

Ion Ratio Lower Upper

138 100

108 10.6 9.8 14.6

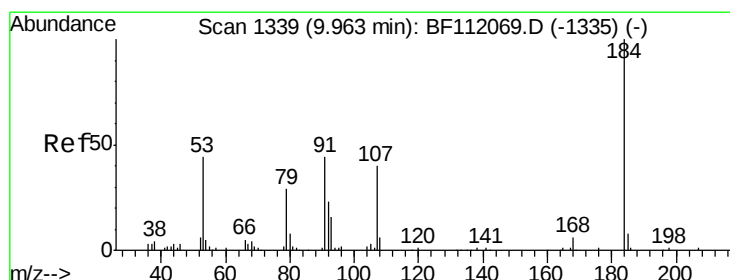
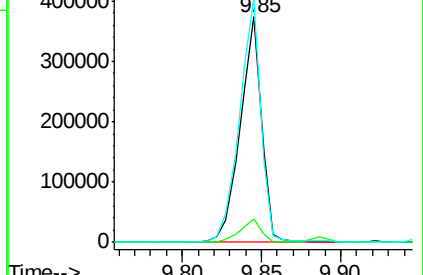
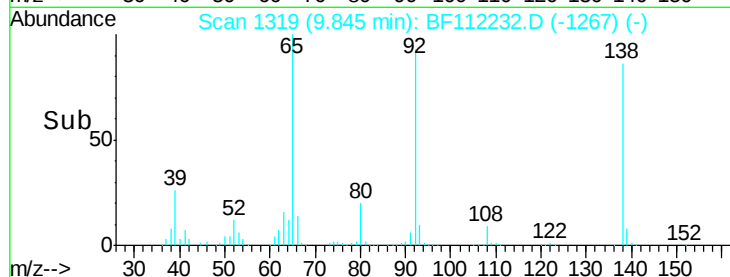
92 107.9 79.4 119.2



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: 96.42 ng

RT: 9.96 min Scan# 1338

Delta R.T. 0.01 min

Lab File: BF112232.D

Acq: 25 Jan 2019 14:44

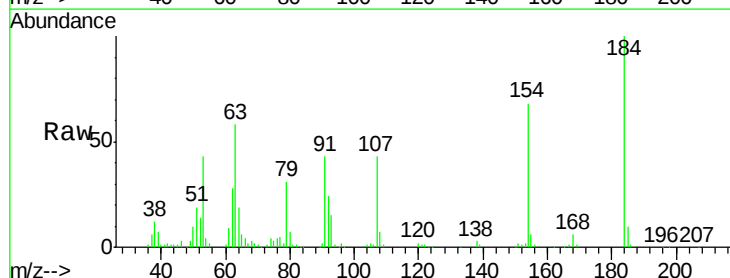
Tgt Ion:184 Resp: 112753

Ion Ratio Lower Upper

184 100

63 58.4 47.1 70.7

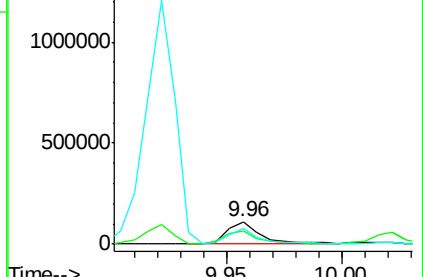
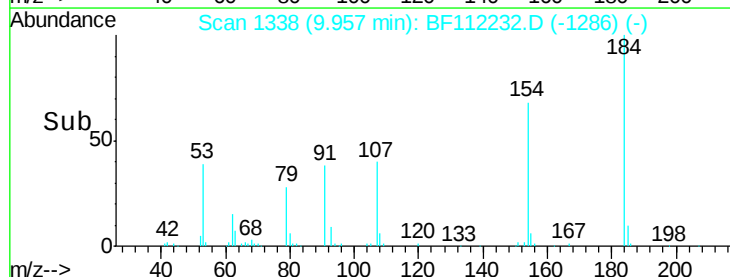
154 68.4 48.9 73.3

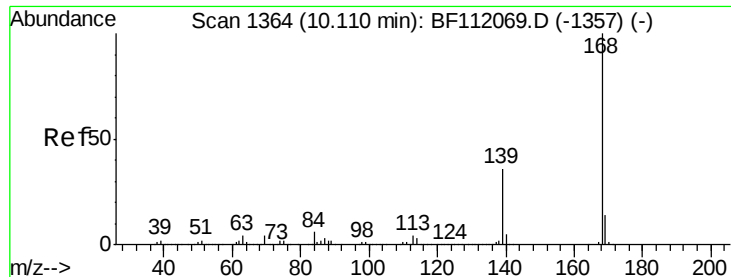


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

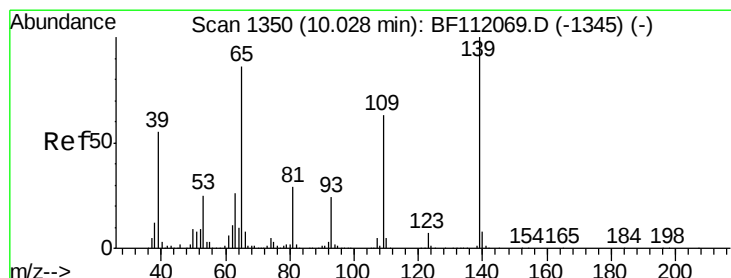
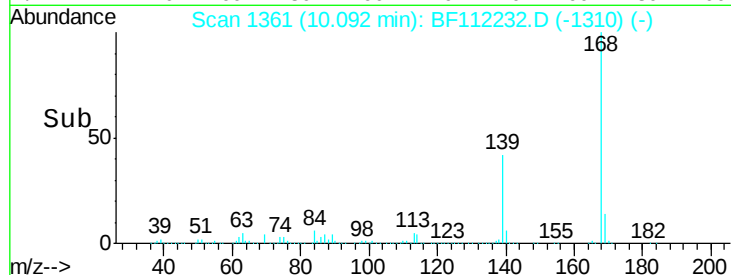
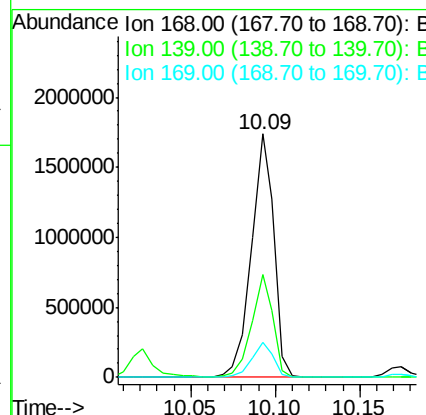
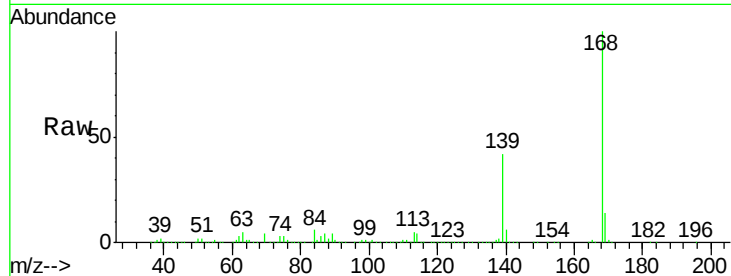




#55
 Dibenzofuran
 Concen: 48.65 ng
 RT: 10.09 min Scan# 1361
 Delta R.T. 0.00 min
 Lab File: BF112232.D
 Acq: 25 Jan 2019 14:44

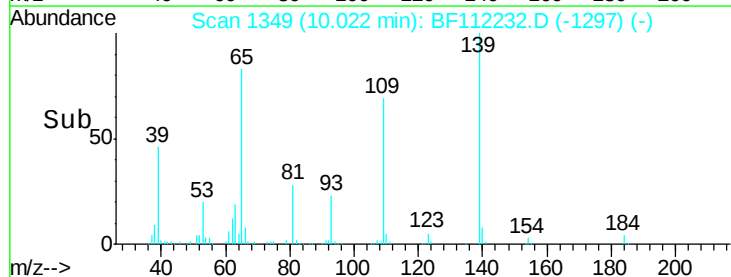
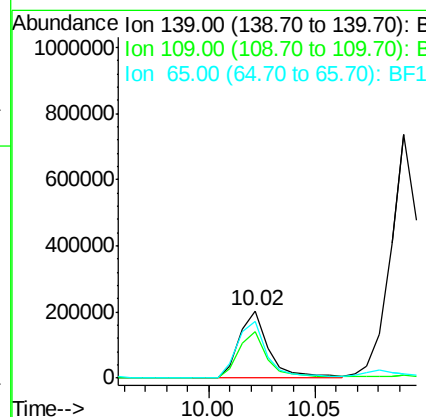
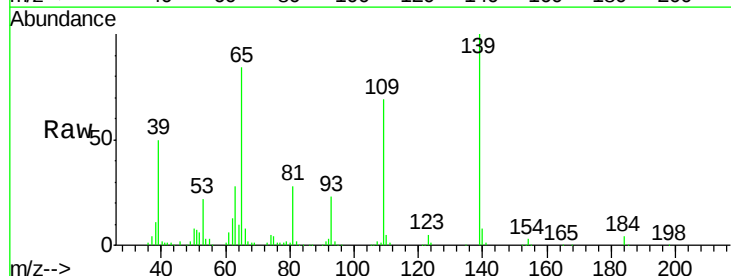
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

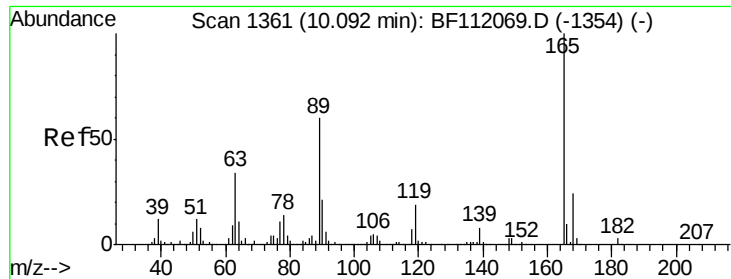
Tot Ion:168 Resp: 1619549
 Ion Ratio Lower Upper
 168 100
 139 42.4 29.2 43.8
 169 14.2 11.4 17.0



#56
 4-Nitrophenol
 Concen: 51.79 ng
 RT: 10.02 min Scan# 1349
 Delta R.T. 0.01 min
 Lab File: BF112232.D
 Acq: 25 Jan 2019 14:44

Tgt Ion:139 Resp: 197462
 Ion Ratio Lower Upper
 139 100
 109 68.9 42.8 82.8
 65 83.8 66.1 106.1





#57

2,4-Dinitrotoluene

Concen: 64.49 ng

RT: 10.08 min Scan# 1359

Delta R.T. 0.00 min

Lab File: BF112232.D

Acq: 25 Jan 2019 14:44

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:165 Resp: 421570

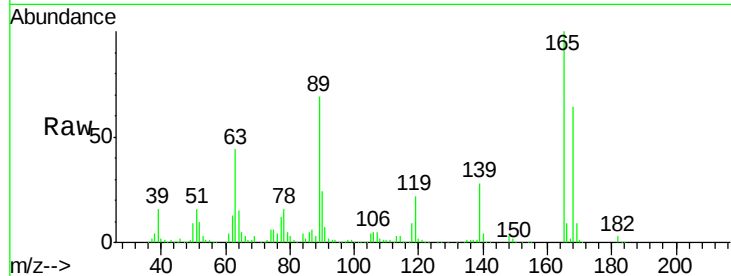
Ion Ratio Lower Upper

165 100

63 44.5 27.9 41.9#

89 69.0 47.9 71.9

182 2.9 2.2 3.4

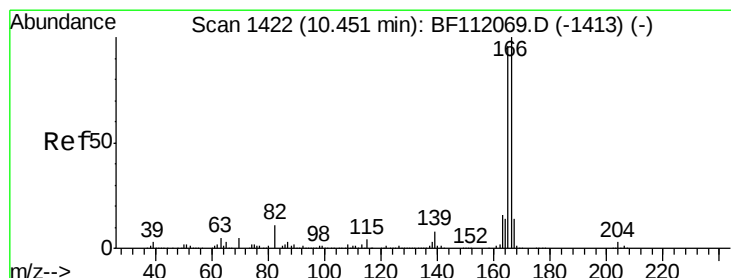
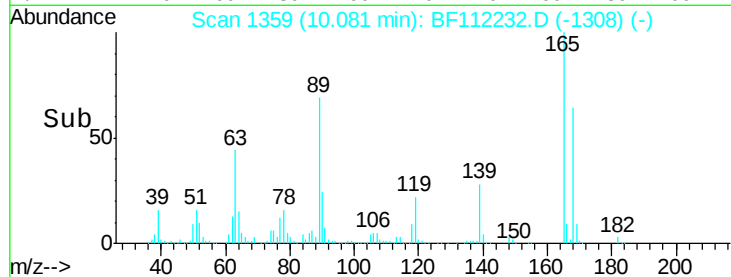
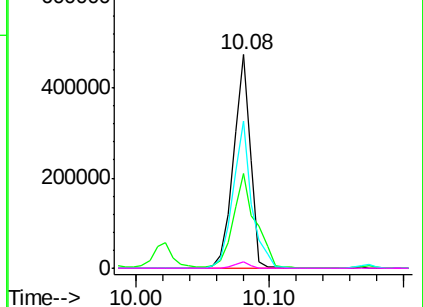


Abundance Ion 165.00 (164.70 to 165.70): E

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: 50.02 ng

RT: 10.43 min Scan# 1419

Delta R.T. 0.00 min

Lab File: BF112232.D

Acq: 25 Jan 2019 14:44

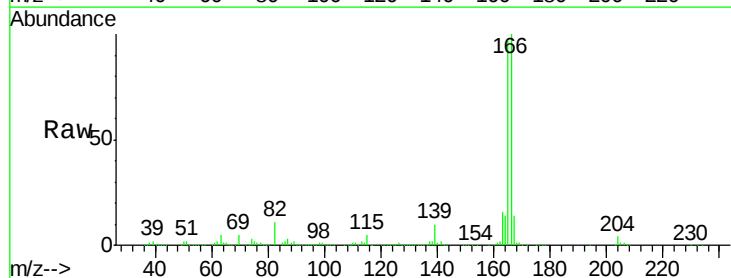
Tgt Ion:166 Resp: 1244224

Ion Ratio Lower Upper

166 100

165 97.0 77.1 115.7

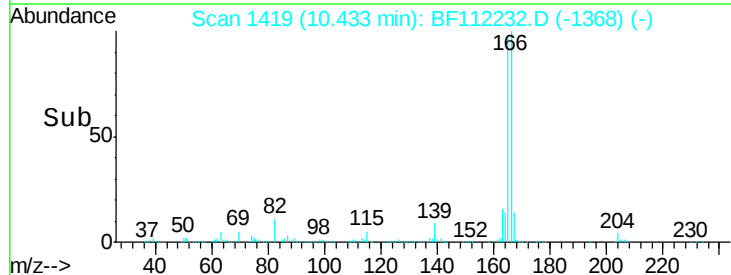
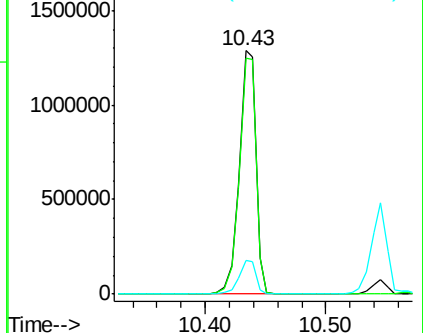
167 14.0 11.3 16.9

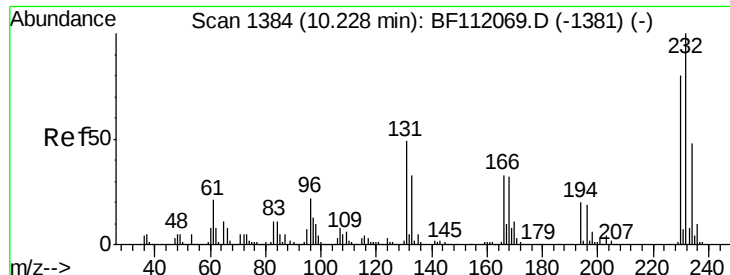


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

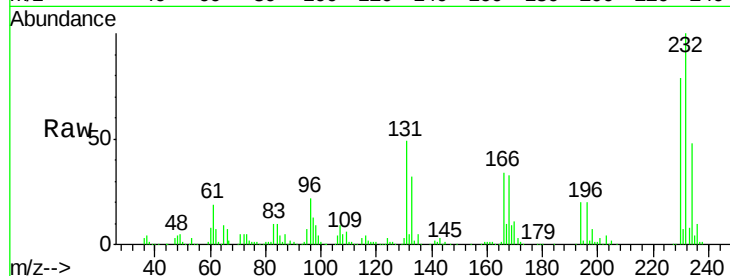




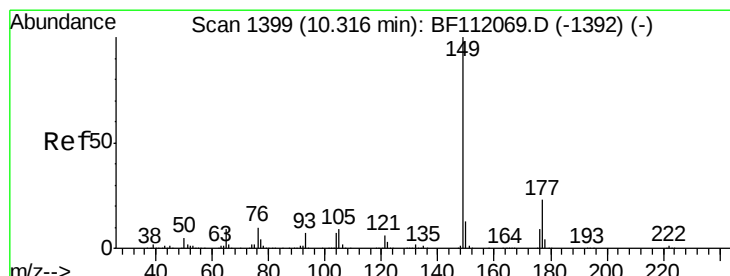
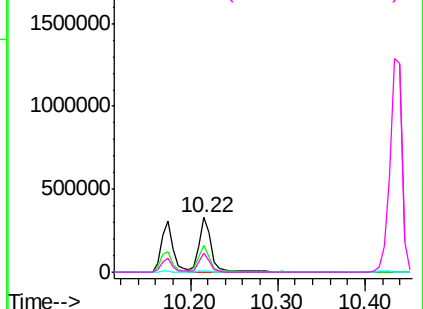
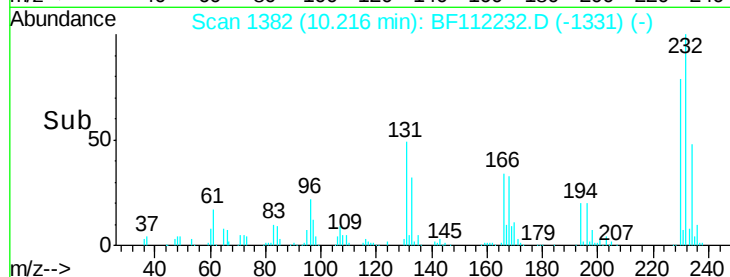
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 55.70 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: BF112232.D
 Acq: 25 Jan 2019 14:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion:	232	Resp:	323949
Ion	Ratio	Lower	Upper
232	100		
131	44.5	33.9	50.9
130	2.4	1.8	2.6
166	30.3	23.6	35.4

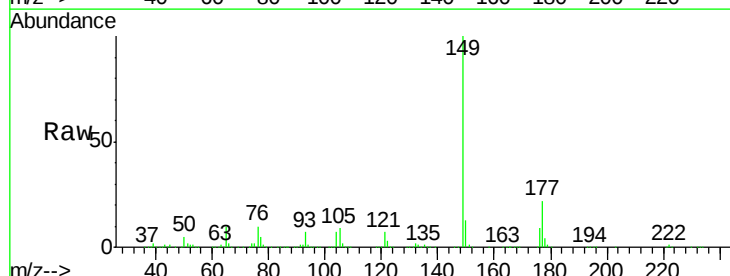


Abundance Ion 232.00 (231.70 to 232.70): E
 2000000
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

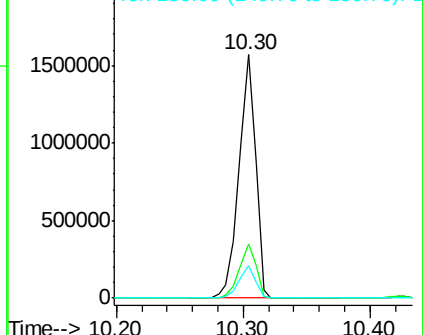
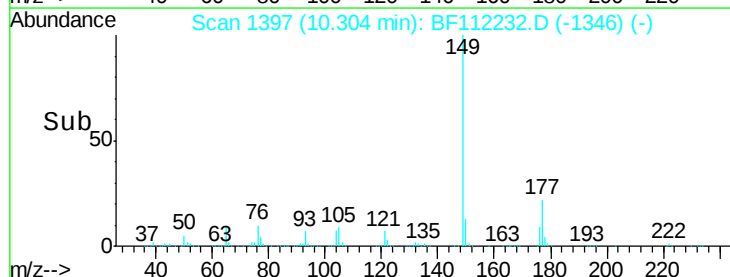


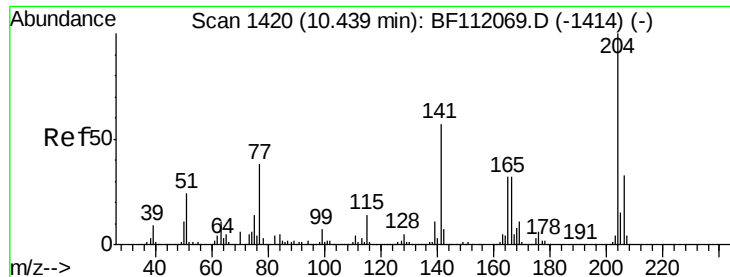
#60
 Diethylphthalate
 Concen: 52.58 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: BF112232.D
 Acq: 25 Jan 2019 14:44

Tgt Ion:	149	Resp:	1409941
Ion	Ratio	Lower	Upper
149	100		
177	22.1	18.2	27.2
150	13.1	10.4	15.6



Abundance Ion 149.00 (148.70 to 149.70): E
 2000000
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

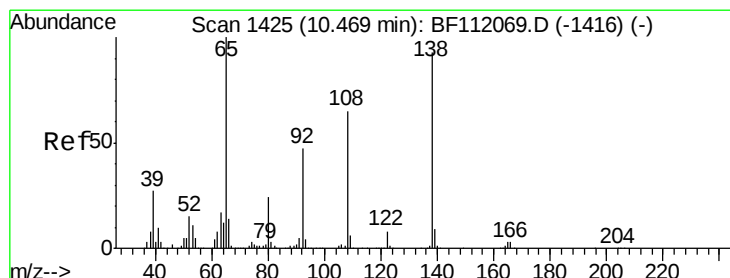
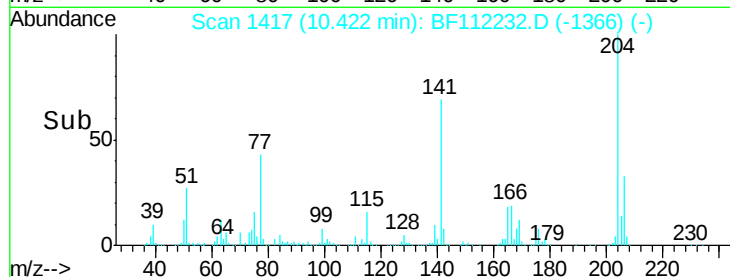
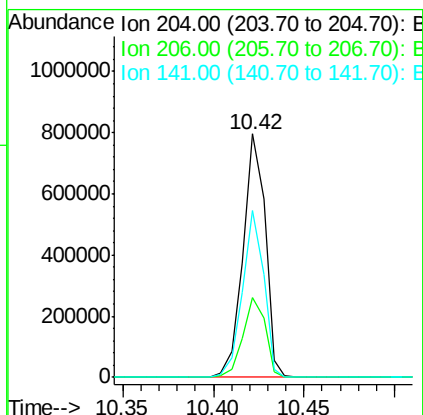
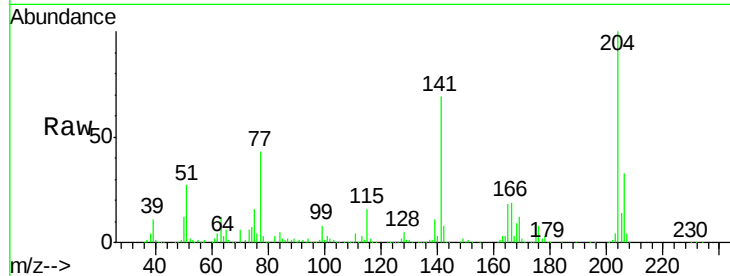




#61
4-Chlorophenyl-phenylether
Concen: 50.40 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF112232.D
Acq: 25 Jan 2019 14:44

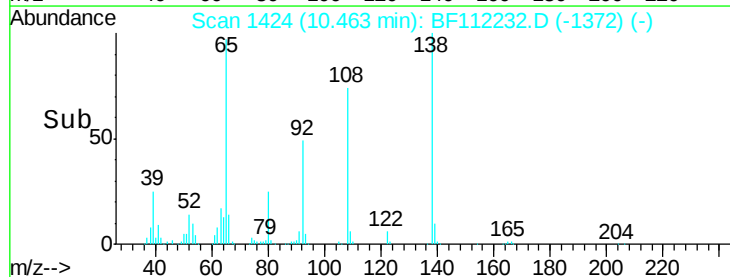
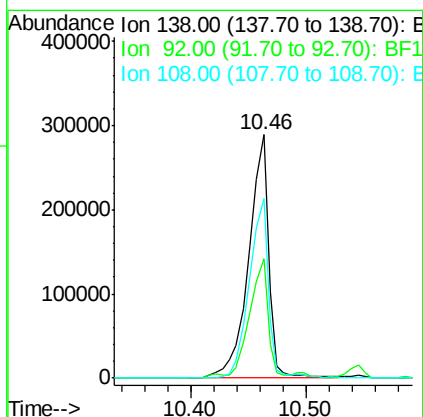
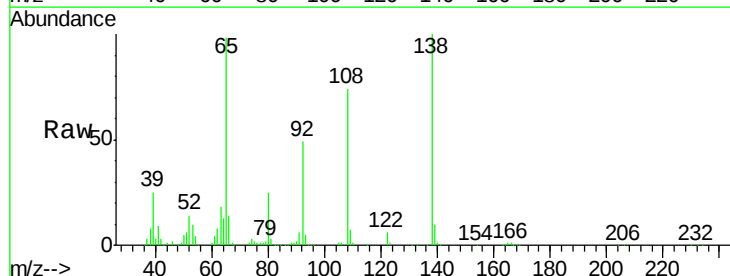
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

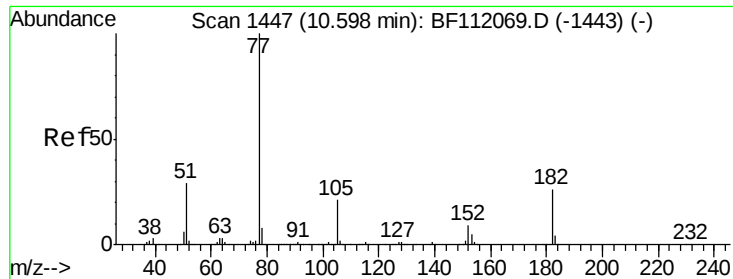
Tot Ion:204 Resp: 676510
Ion Ratio Lower Upper
204 100
206 32.6 26.5 39.7
141 68.5 45.9 68.9



#62
4-Nitroaniline
Concen: 57.27 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.01 min
Lab File: BF112232.D
Acq: 25 Jan 2019 14:44

Tgt Ion:138 Resp: 348895
Ion Ratio Lower Upper
138 100
92 48.8 30.6 70.6
108 73.8 50.0 90.0

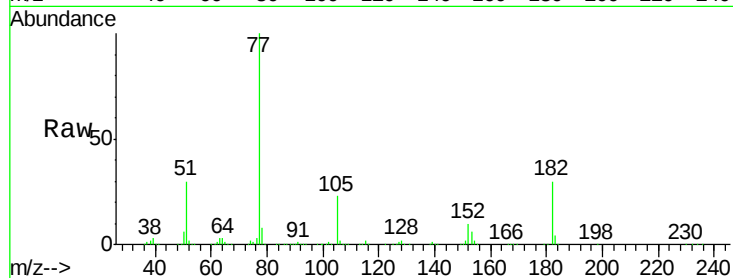




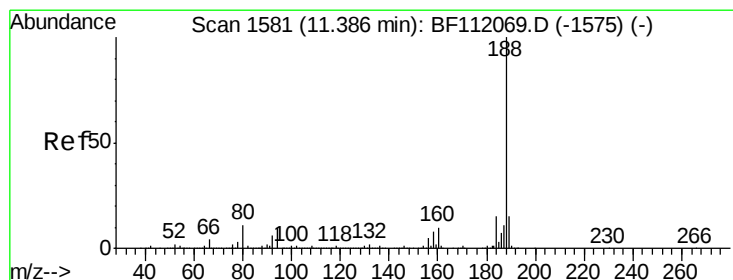
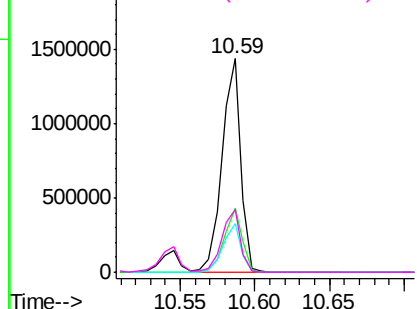
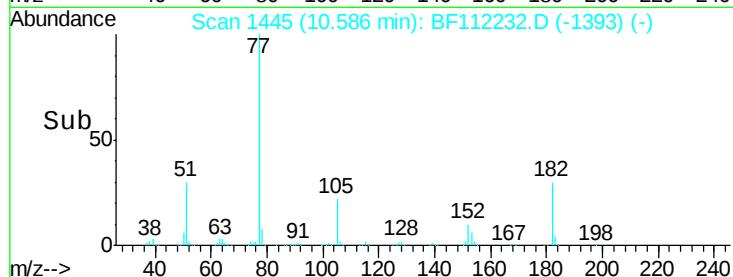
#63
Azobenzene
Concen: 49.27 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.01 min
Lab File: BF112232.D
Acq: 25 Jan 2019 14:44

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion: 77 Resp: 1265258
Ion Ratio Lower Upper
77 100
182 29.8 5.7 45.7
105 22.6 1.4 41.4
51 29.6 9.5 49.5

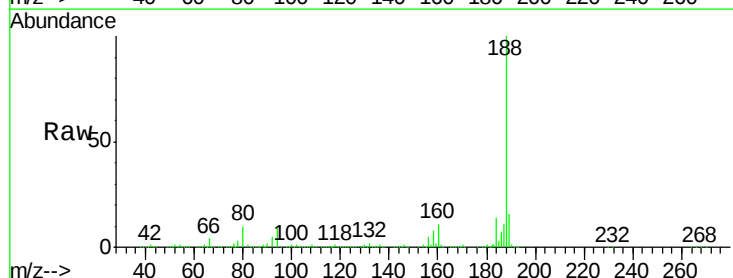


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

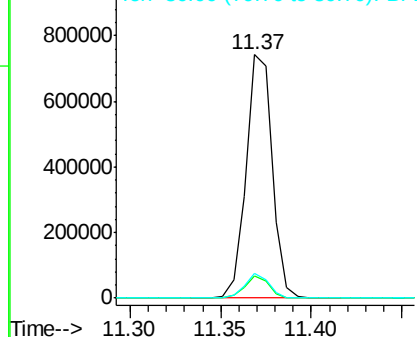
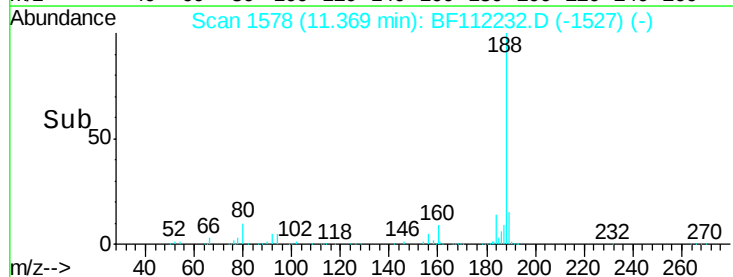


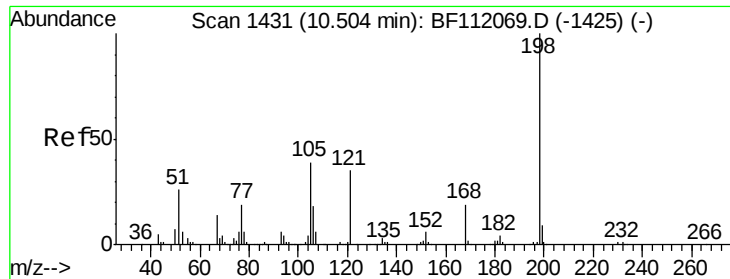
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1578
Delta R.T. 0.00 min
Lab File: BF112232.D
Acq: 25 Jan 2019 14:44

Tgt Ion: 188 Resp: 739789
Ion Ratio Lower Upper
188 100
94 8.9 8.2 12.2
80 10.2 8.9 13.3



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

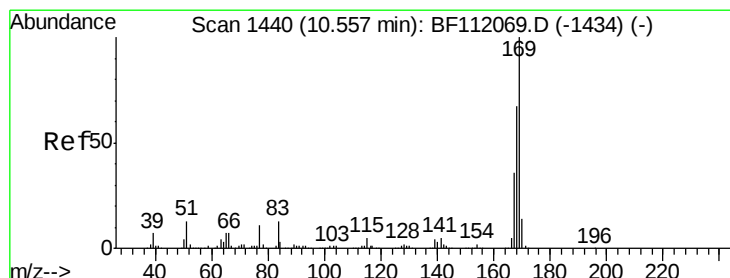
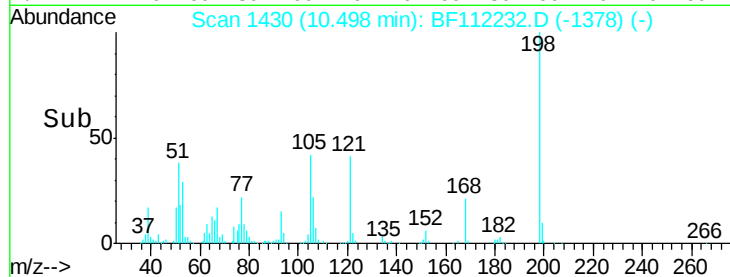
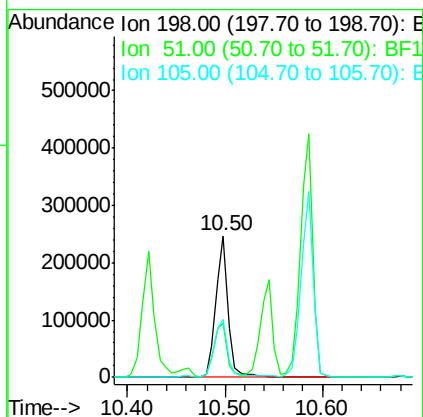
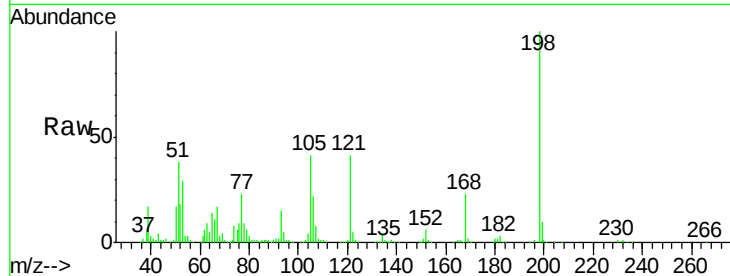




#65
 4,6-Dinitro-2-methylphenol
 Concen: 82.65 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. 0.01 min
 Lab File: BF112232.D
 Acq: 25 Jan 2019 14:44

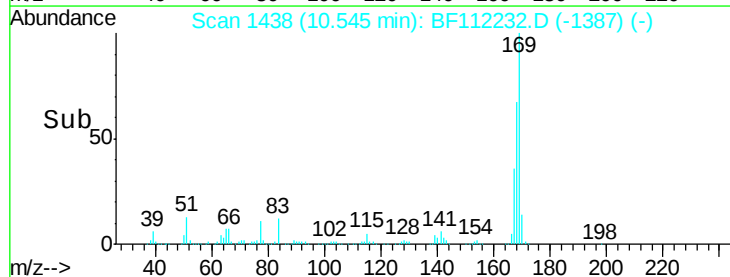
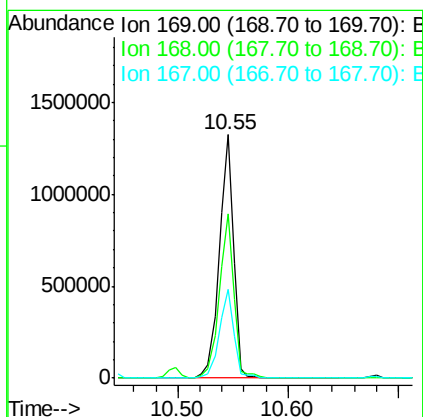
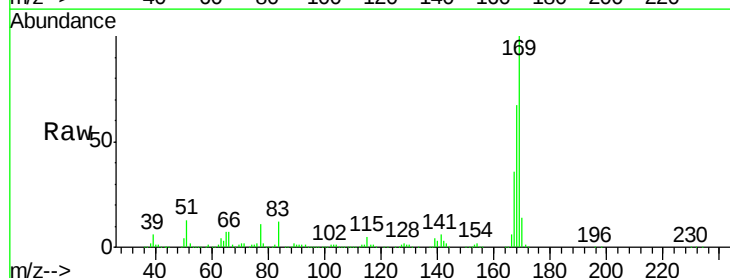
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

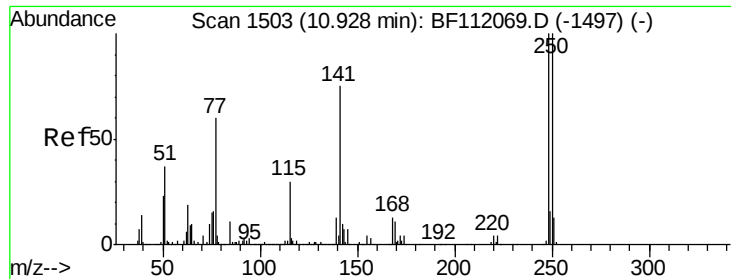
Tot Ion:198 Resp: 216786
 Ion Ratio Lower Upper
 198 100
 51 38.3 17.2 57.2
 105 41.3 21.9 61.9



#66
 n-Nitrosodiphenylamine
 Concen: 48.39 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: BF112232.D
 Acq: 25 Jan 2019 14:44

Tgt Ion:169 Resp: 1183527
 Ion Ratio Lower Upper
 169 100
 168 67.2 53.9 80.9
 167 36.5 28.9 43.3

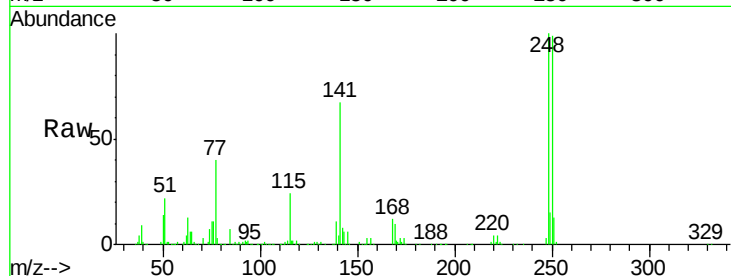




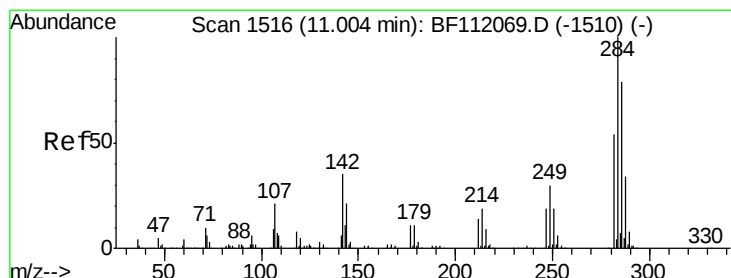
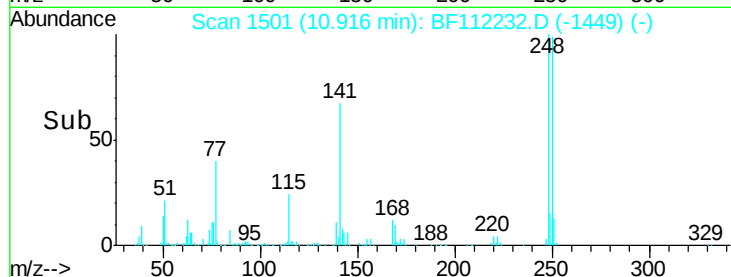
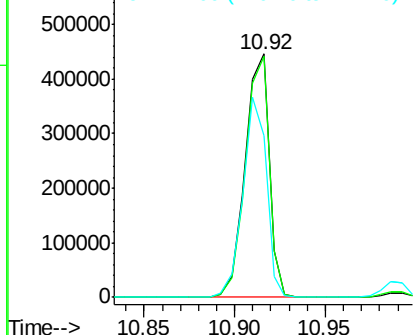
#67
4-Bromophenyl-phenylether
Concen: 48.26 ng
RT: 10.92 min Scan# 1501
Delta R.T. 0.01 min
Lab File: BF112232.D
Acq: 25 Jan 2019 14:44

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion:248 Resp: 414712
Ion Ratio Lower Upper
248 100
250 99.1 79.7 119.5
141 66.6 60.3 90.5

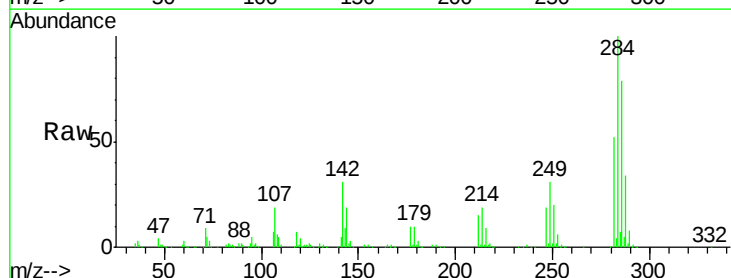


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

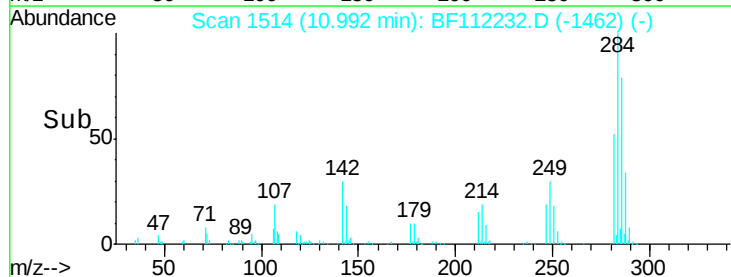
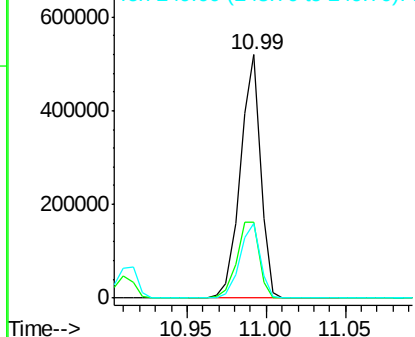


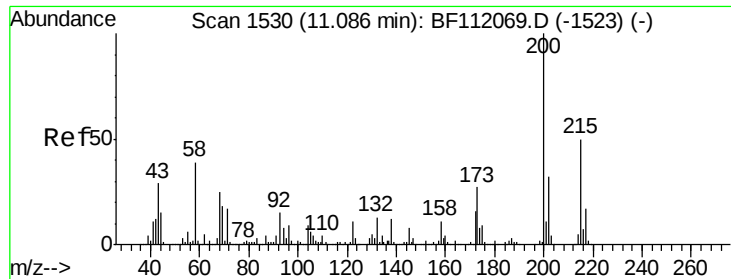
#68
Hexachlorobenzene
Concen: 49.42 ng
RT: 10.99 min Scan# 1514
Delta R.T. 0.01 min
Lab File: BF112232.D
Acq: 25 Jan 2019 14:44

Tgt Ion:284 Resp: 457446
Ion Ratio Lower Upper
284 100
142 31.3 27.6 41.4
249 30.7 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: 48.22 ng

RT: 11.07 min Scan# 1527

Delta R.T. 0.00 min

Lab File: BF112232.D

Acq: 25 Jan 2019 14:44

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

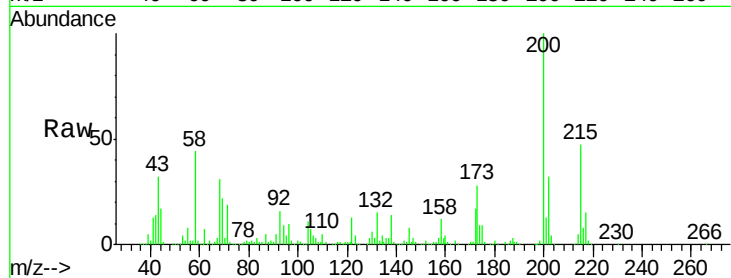
Tot Ion:200 Resp: 380533

Ion Ratio Lower Upper

200 100

173 27.7 7.1 47.1

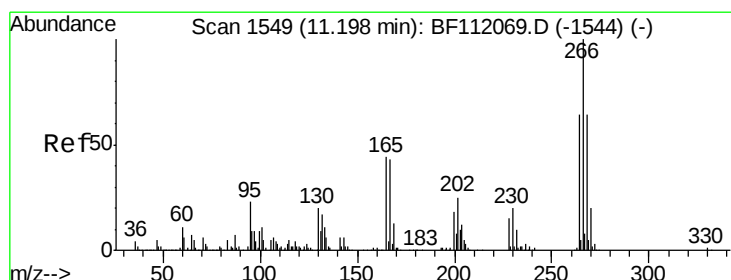
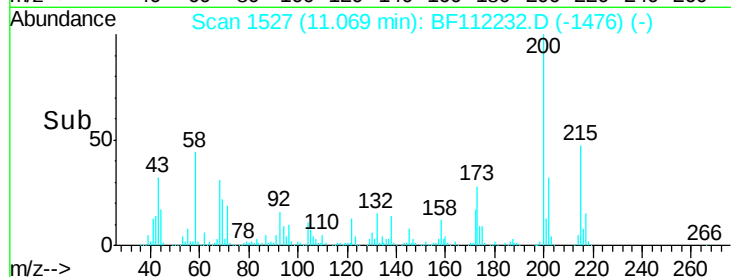
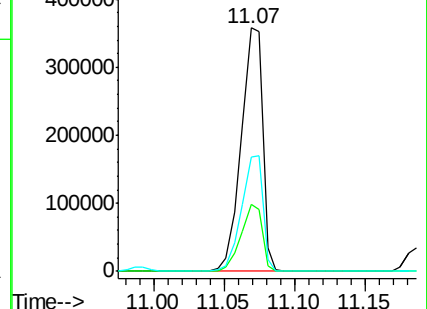
215 46.9 30.4 70.4



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: 52.61 ng

RT: 11.19 min Scan# 1547

Delta R.T. 0.00 min

Lab File: BF112232.D

Acq: 25 Jan 2019 14:44

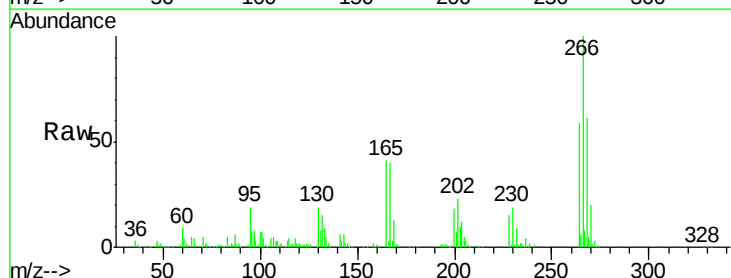
Tgt Ion:266 Resp: 201396

Ion Ratio Lower Upper

266 100

268 61.2 51.2 76.8

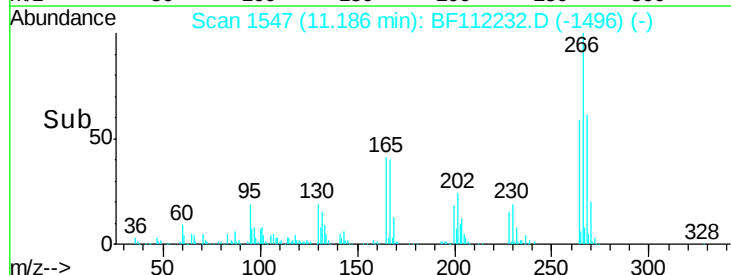
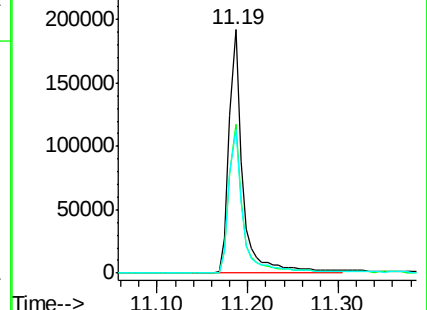
264 59.2 50.9 76.3

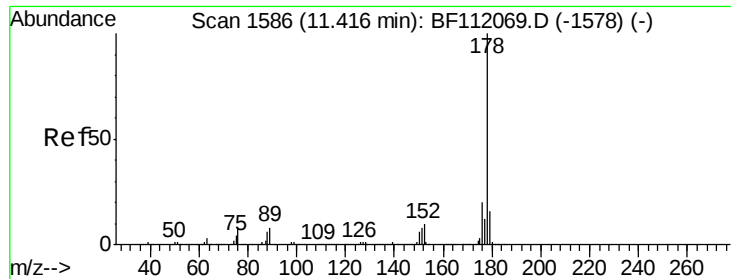


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 48.08 ng

RT: 11.40 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BF112232.D

Acq: 25 Jan 2019 14:44

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

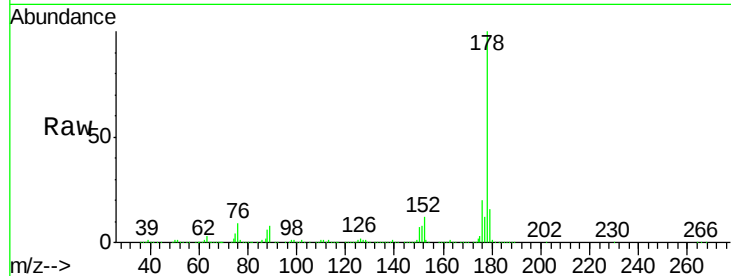
Tot Ion:178 Resp: 1790052

Ion Ratio Lower Upper

178 100

176 20.3 16.3 24.5

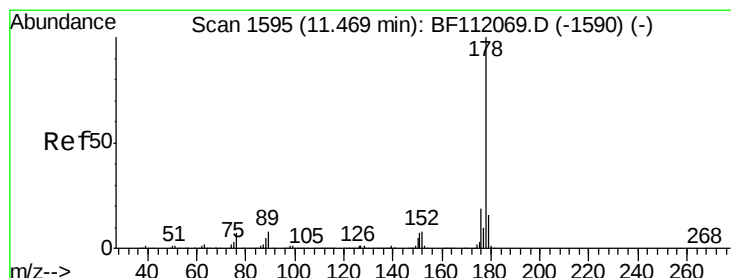
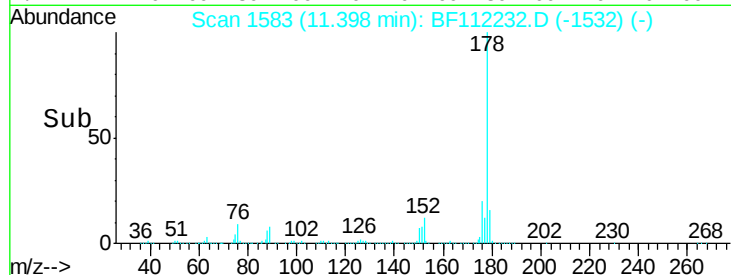
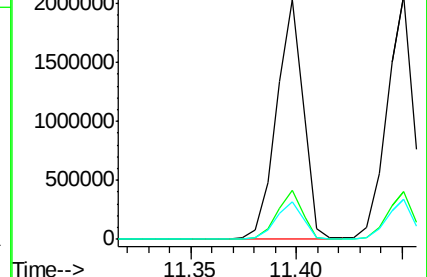
179 15.9 13.0 19.4



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: 47.77 ng

RT: 11.45 min Scan# 1592

Delta R.T. 0.00 min

Lab File: BF112232.D

Acq: 25 Jan 2019 14:44

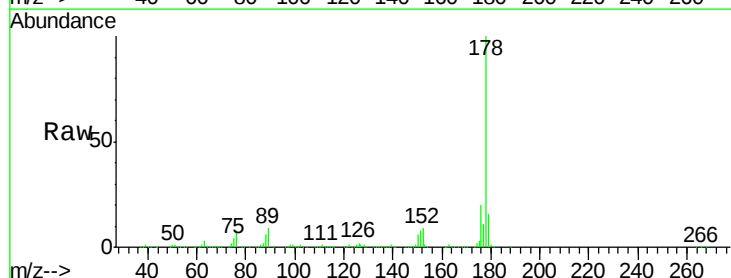
Tgt Ion:178 Resp: 1801801

Ion Ratio Lower Upper

178 100

176 19.8 15.5 23.3

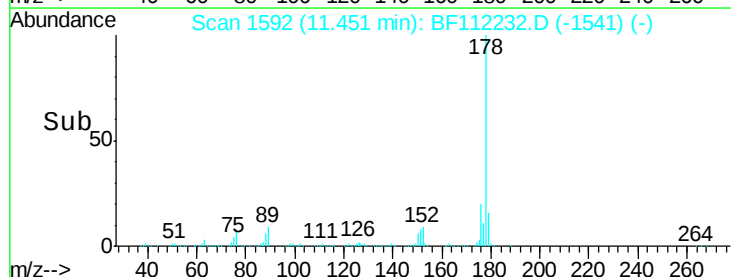
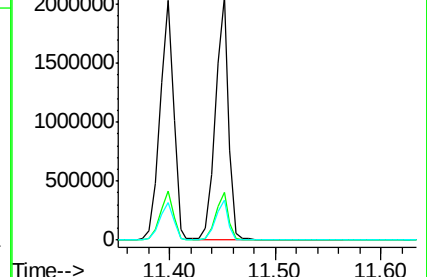
179 16.2 12.8 19.2

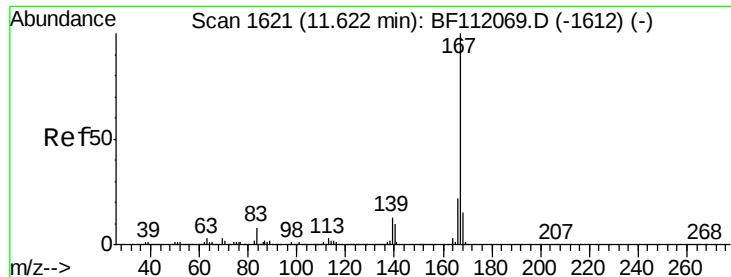


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



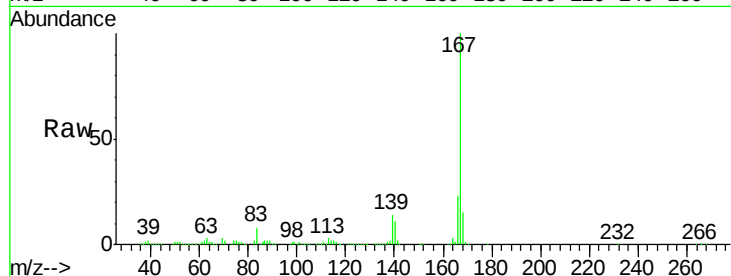


#73
 Carbazole
 Concen: 45.30 ng
 RT: 11.60 min Scan# 1618
 Delta R.T. 0.00 min
 Lab File: BF112232.D
 Acq: 25 Jan 2019 14:44

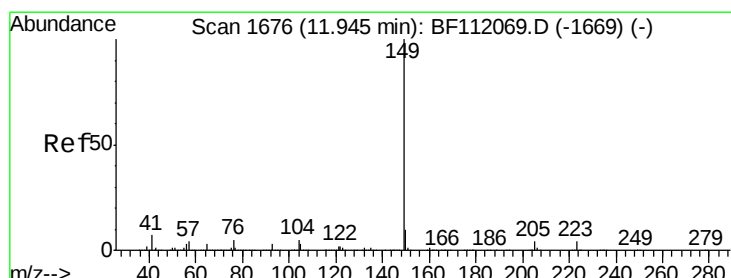
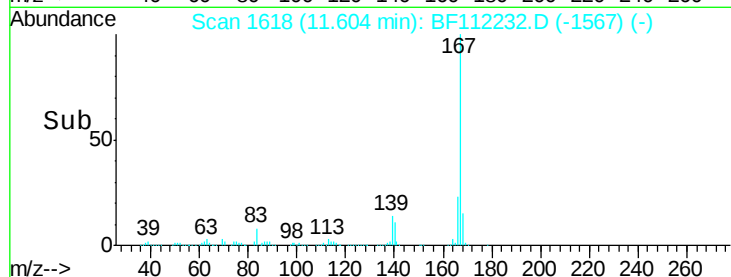
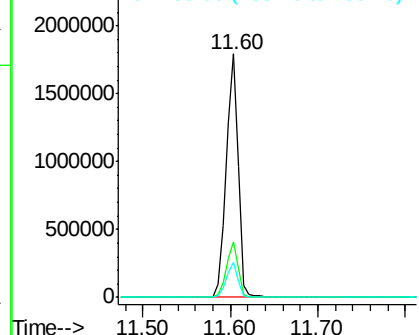
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion:167 Resp: 1711394

Ion	Ratio	Lower	Upper
167	100		
166	22.7	17.9	26.9
139	14.3	10.2	15.2



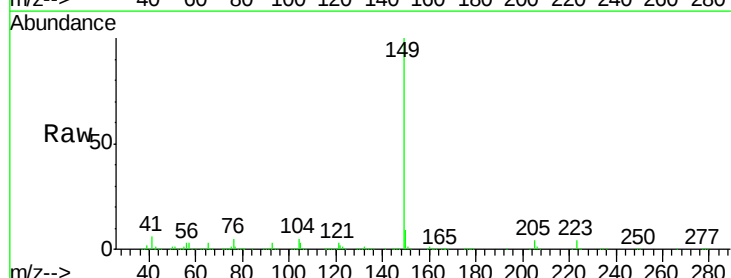
Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



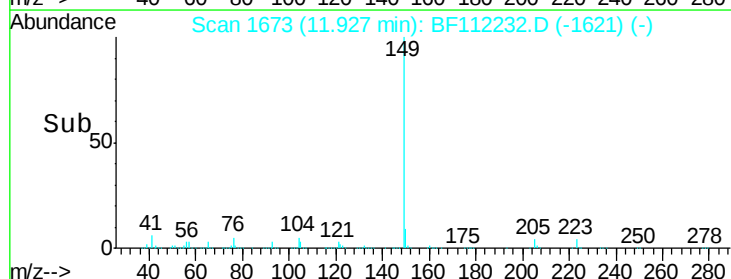
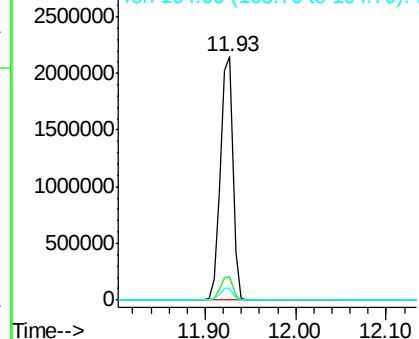
#74
 Di-n-butylphthalate
 Concen: 48.12 ng
 RT: 11.93 min Scan# 1673
 Delta R.T. 0.01 min
 Lab File: BF112232.D
 Acq: 25 Jan 2019 14:44

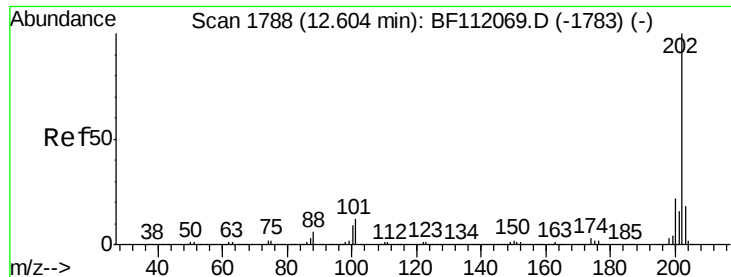
Tgt Ion:149 Resp: 2045129

Ion	Ratio	Lower	Upper
149	100		
150	9.4	8.1	12.1
104	4.9	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: 42.21 ng

RT: 12.59 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BF112232.D

Acq: 25 Jan 2019 14:44

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

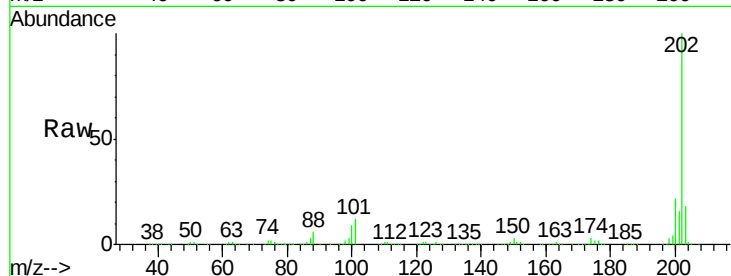
Tot Ion:202 Resp: 1659229

Ion Ratio Lower Upper

202 100

101 11.7 0.0 31.8

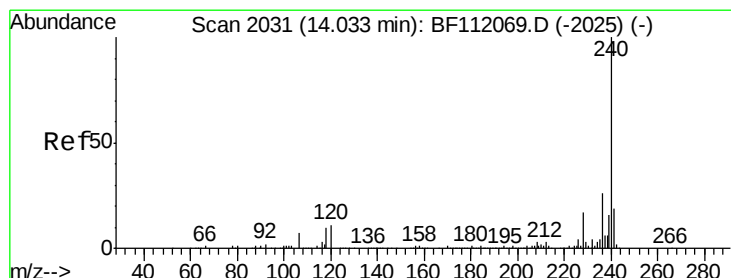
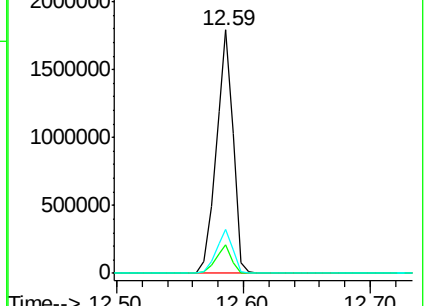
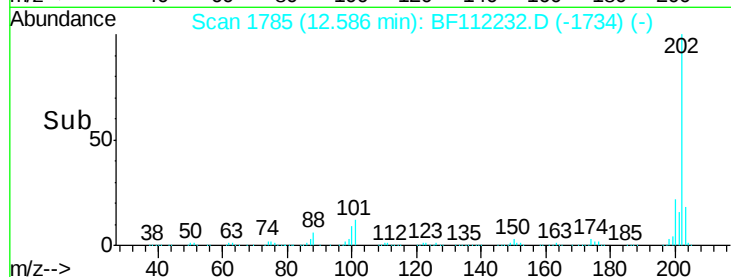
203 18.2 0.0 38.4



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: 20.00 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.01 min

Lab File: BF112232.D

Acq: 25 Jan 2019 14:44

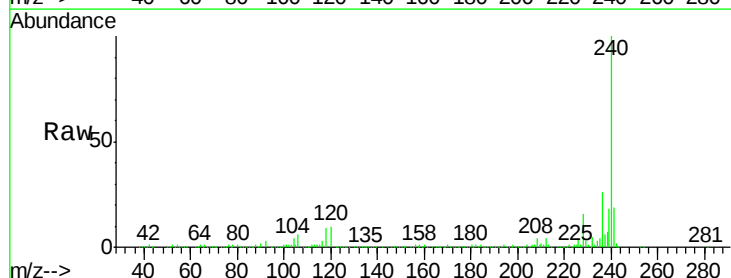
Tgt Ion:240 Resp: 426627

Ion Ratio Lower Upper

240 100

120 9.5 9.0 13.6

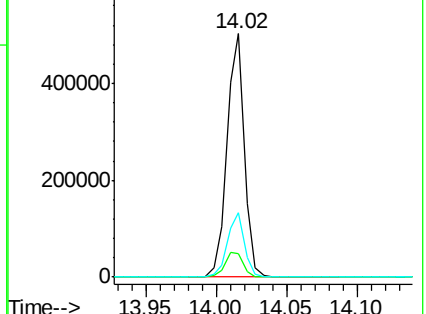
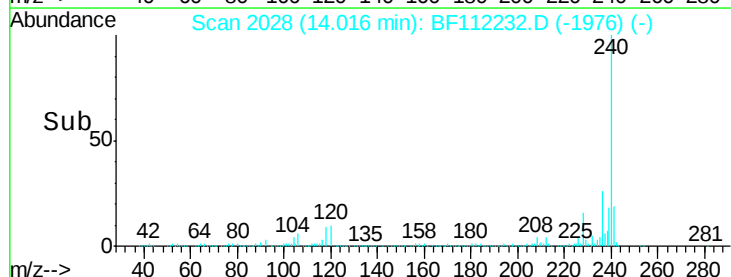
236 26.4 20.7 31.1

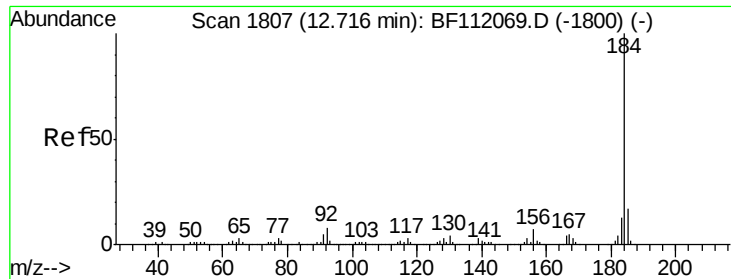


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

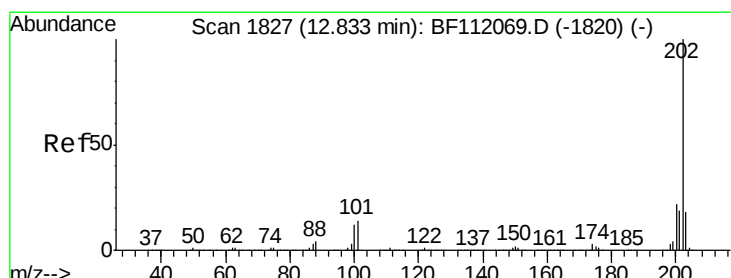
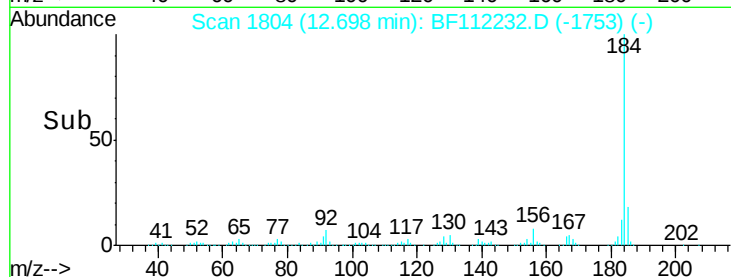
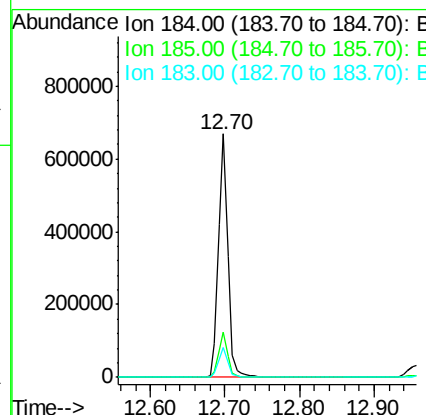
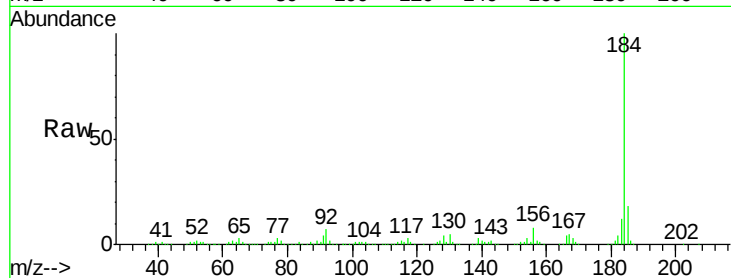




#77
Benzidine
Concen: 40.89 ng
RT: 12.70 min Scan# 1804
Delta R.T. 0.00 min
Lab File: BF112232.D
Acq: 25 Jan 2019 14:44

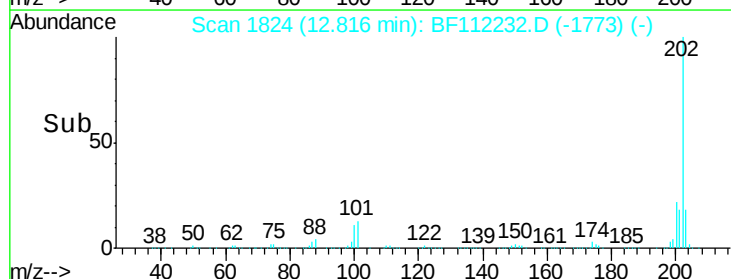
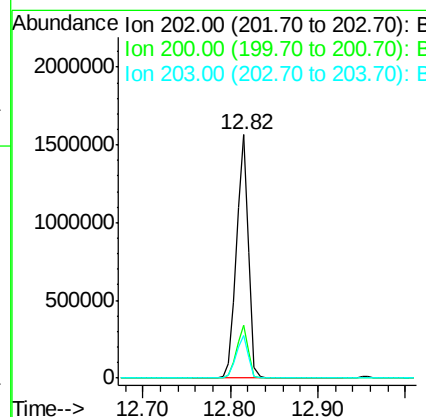
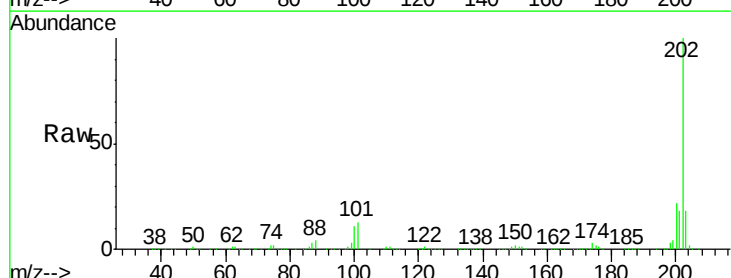
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

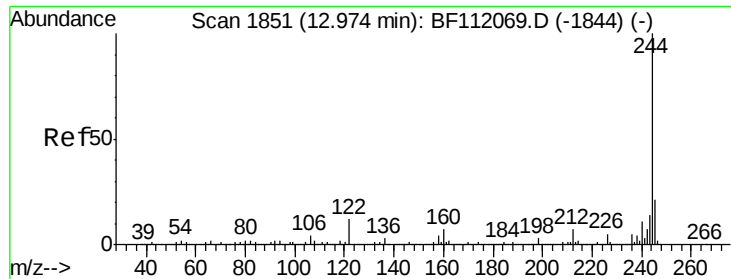
Tot Ion:184 Resp: 581976
Ion Ratio Lower Upper
184 100
185 18.5 13.9 20.9
183 12.5 10.0 15.0



#78
Pyrene
Concen: 52.19 ng
RT: 12.82 min Scan# 1824
Delta R.T. 0.00 min
Lab File: BF112232.D
Acq: 25 Jan 2019 14:44

Tgt Ion:202 Resp: 1468942
Ion Ratio Lower Upper
202 100
200 21.8 17.7 26.5
203 17.7 14.6 22.0

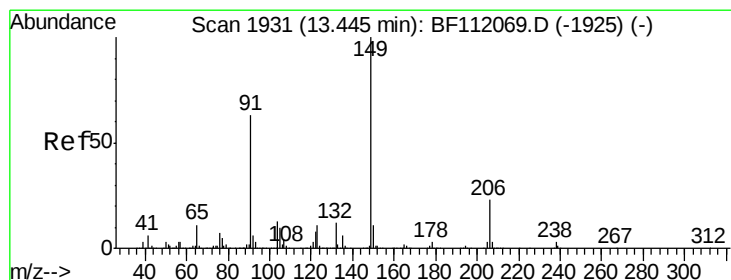
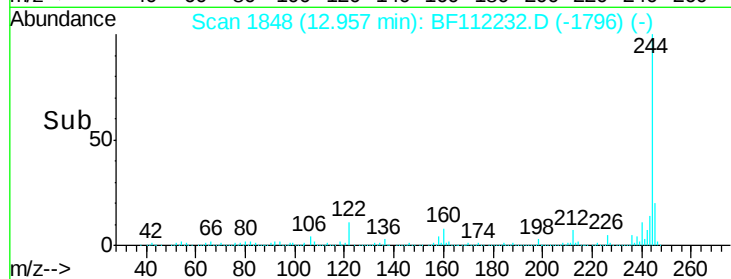
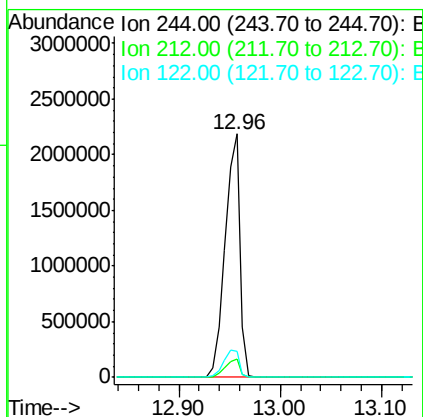
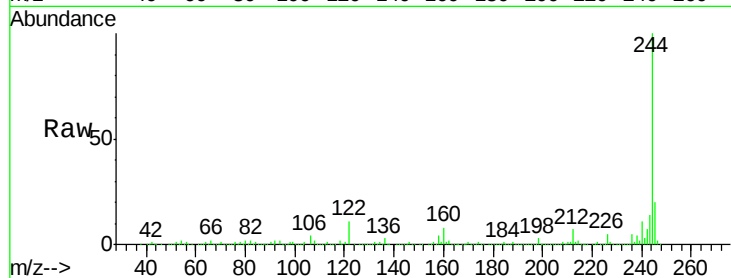




#79
 Terphenyl-d14
 Concen: 110.49 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. 0.01 min
 Lab File: BF112232.D
 Acq: 25 Jan 2019 14:44

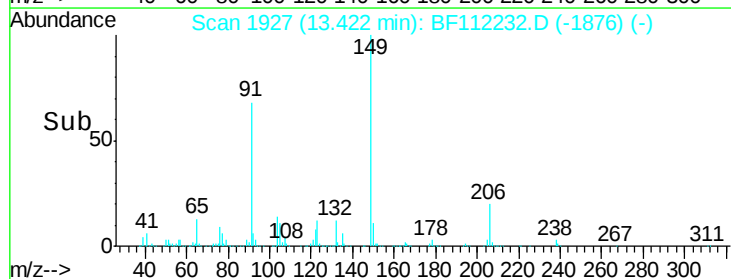
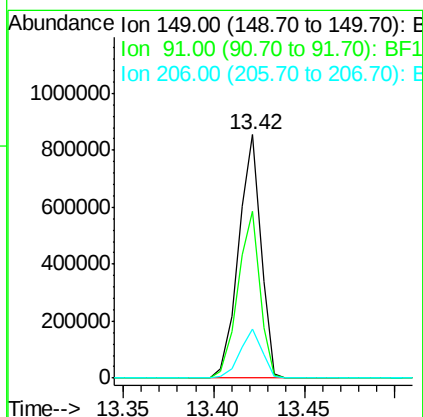
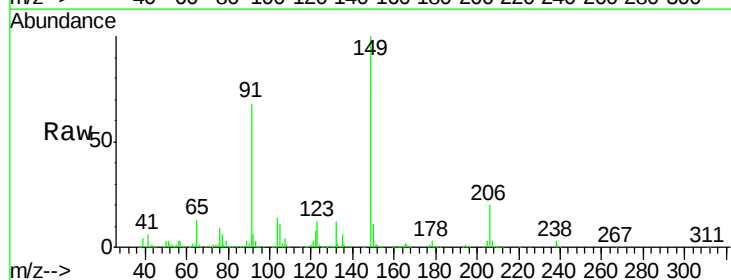
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

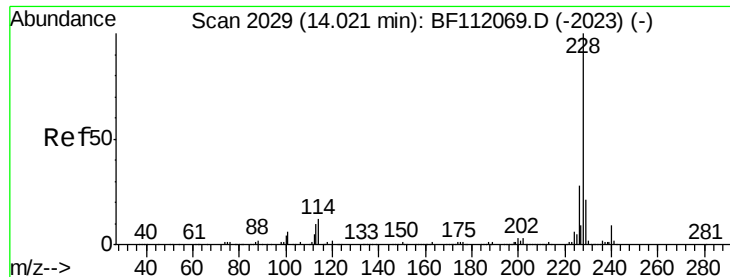
Tot Ion:244 Resp: 2215760
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.9 8.9
 122 10.8 9.8 14.6



#80
 Butylbenzylphthalate
 Concen: 59.18 ng
 RT: 13.42 min Scan# 1927
 Delta R.T. 0.00 min
 Lab File: BF112232.D
 Acq: 25 Jan 2019 14:44

Tgt Ion:149 Resp: 730791
 Ion Ratio Lower Upper
 149 100
 91 68.4 50.3 75.5
 206 20.1 18.2 27.4





#81

Benzo(a)anthracene

Concen: 51.61 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.01 min

Lab File: BF112232.D

Acq: 25 Jan 2019 14:44

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

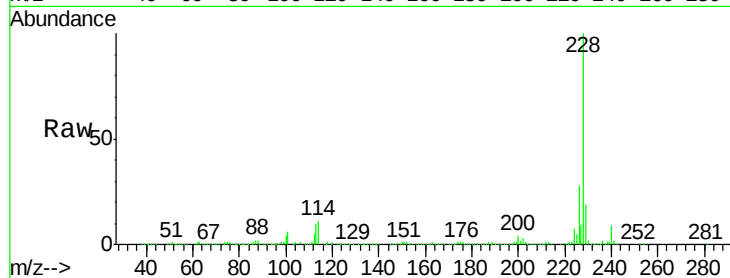
Tot Ion:228 Resp: 1262369

Ion Ratio Lower Upper

228 100

226 27.7 22.6 34.0

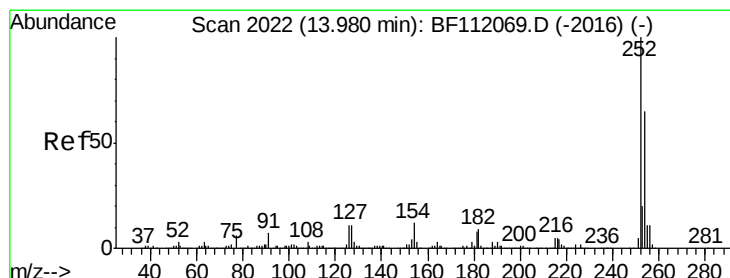
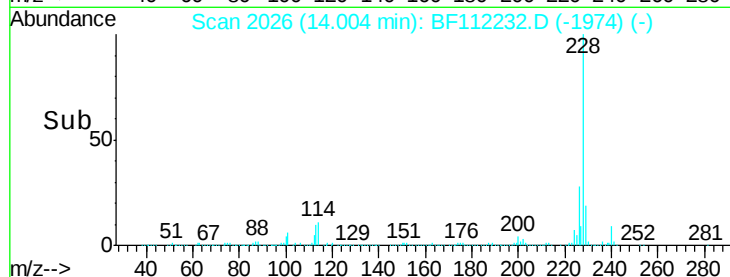
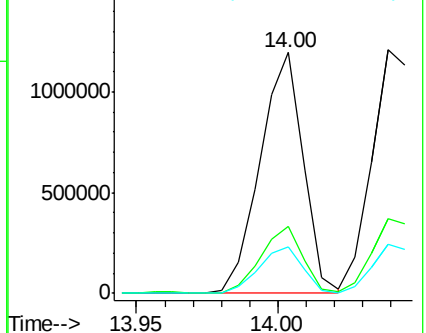
229 19.4 16.5 24.7



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: 48.51 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BF112232.D

Acq: 25 Jan 2019 14:44

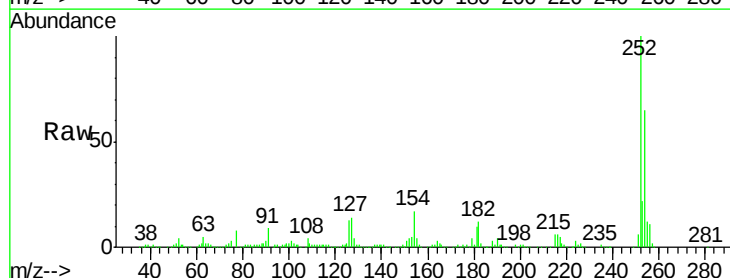
Tgt Ion:252 Resp: 444421

Ion Ratio Lower Upper

252 100

254 65.2 51.6 77.4

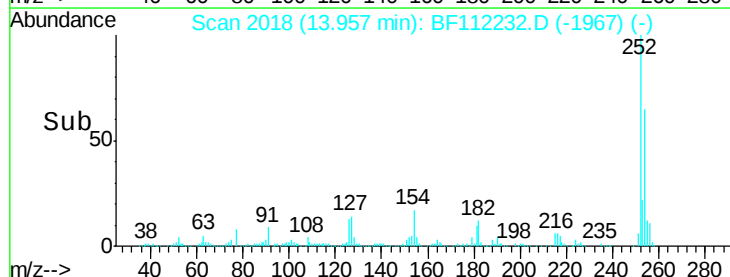
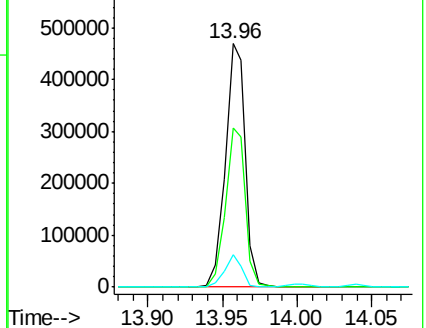
126 13.2 8.6 12.8#

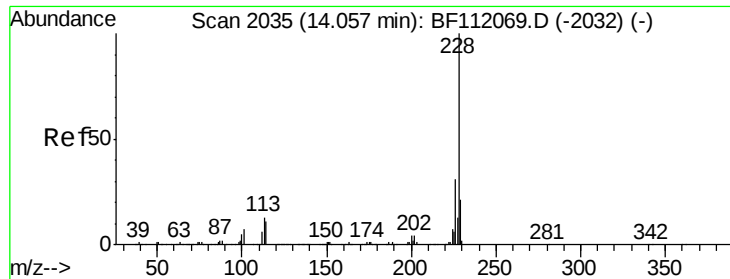


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 50.96 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.00 min

Lab File: BF112232.D

Acq: 25 Jan 2019 14:44

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

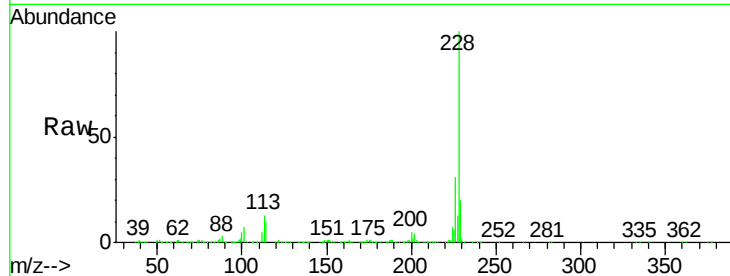
Tot Ion:228 Resp: 1179443

Ion Ratio Lower Upper

228 100

226 30.6 25.0 37.6

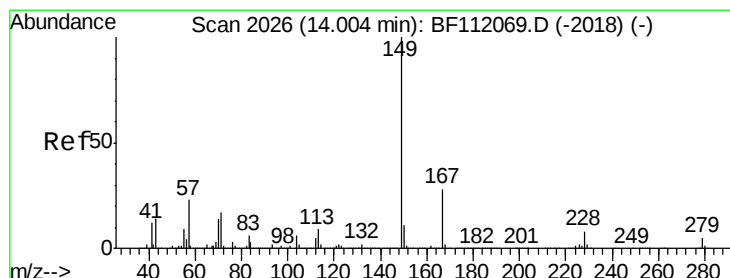
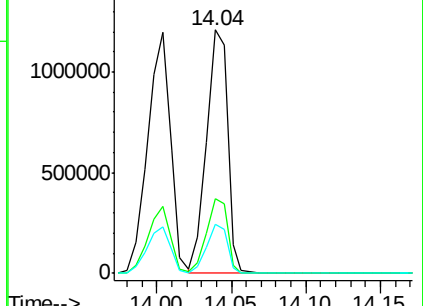
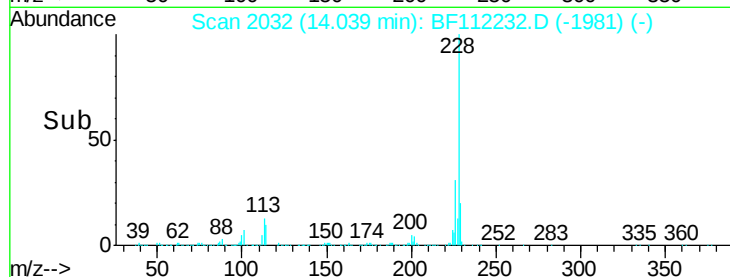
229 20.3 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 58.51 ng

RT: 13.98 min Scan# 2022

Delta R.T. 0.01 min

Lab File: BF112232.D

Acq: 25 Jan 2019 14:44

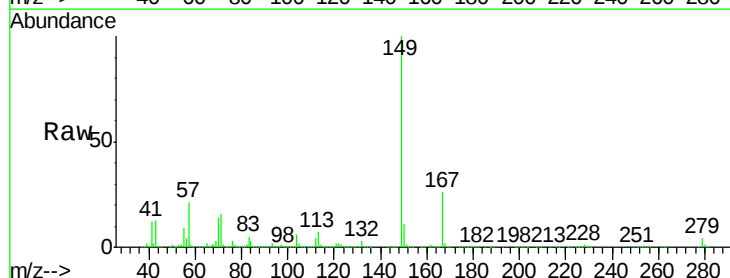
Tgt Ion:149 Resp: 1035406

Ion Ratio Lower Upper

149 100

167 26.5 22.5 33.7

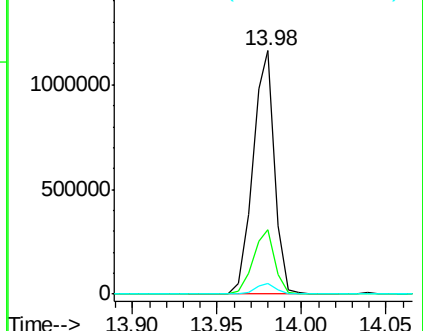
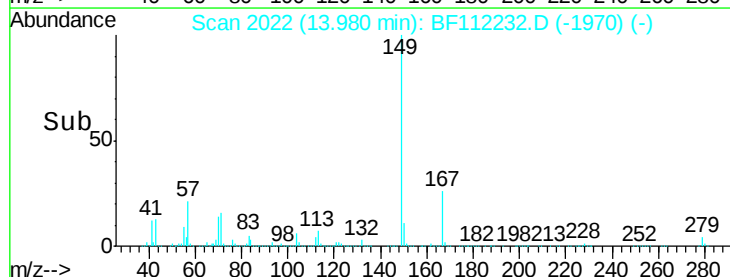
279 4.3 3.8 5.6

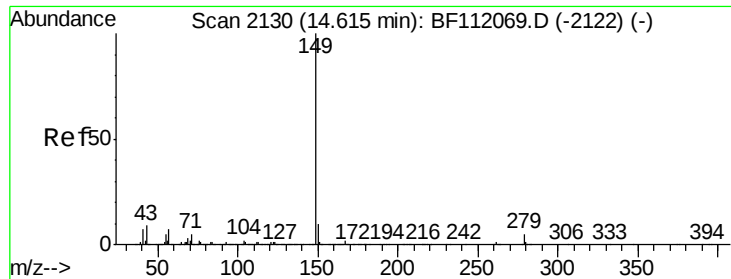


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

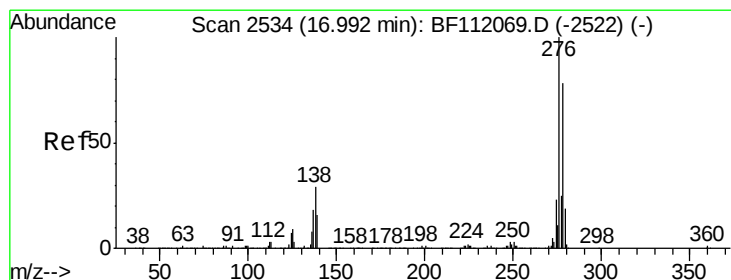
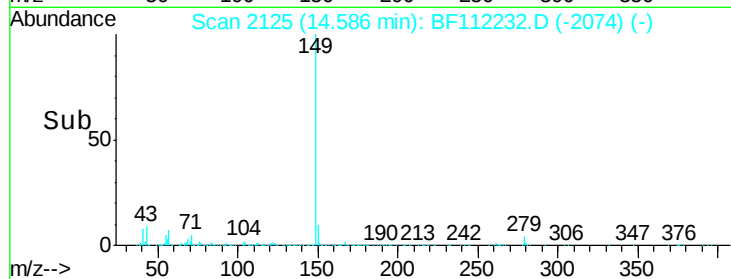
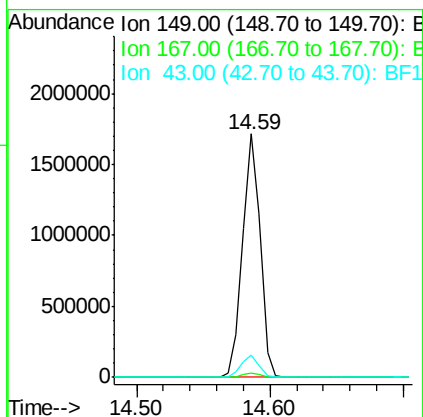
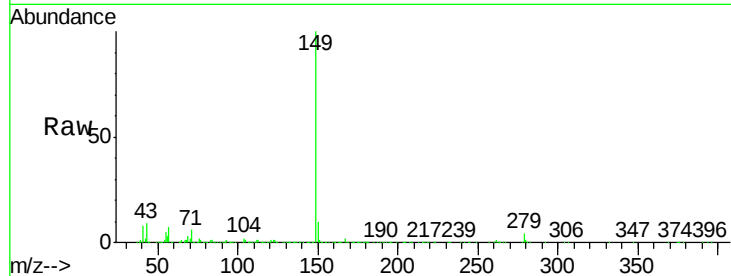




#85
Di-n-octyl phthalate
Concen: 57.59 ng
RT: 14.59 min Scan# 2125
Delta R.T. 0.00 min
Lab File: BF112232.D
Acq: 25 Jan 2019 14:44

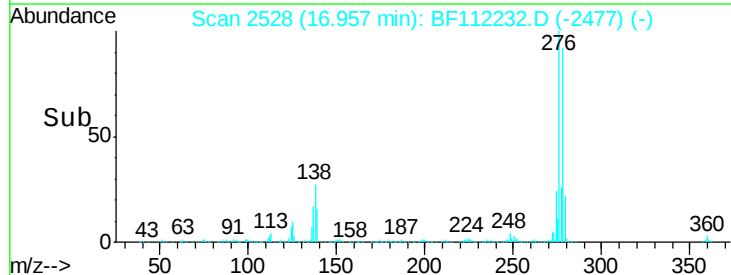
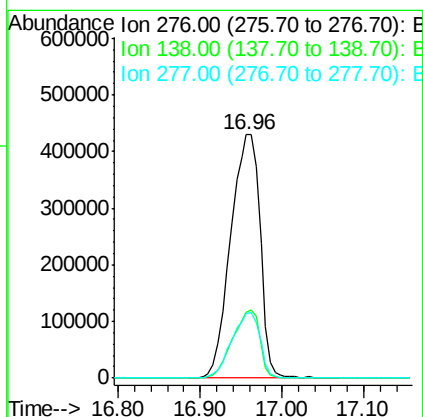
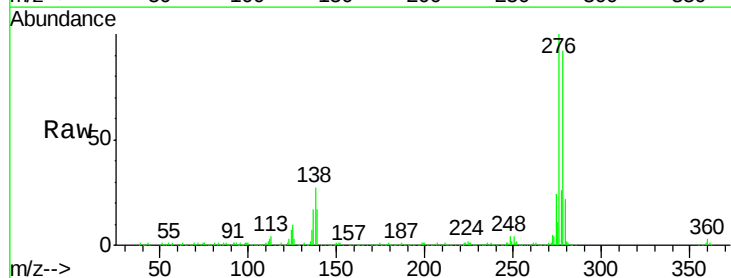
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

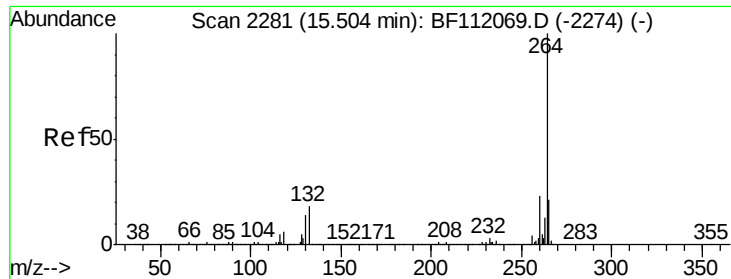
Tot Ion:149 Resp: 1570191
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.0 7.8 11.6



#86
Indeno(1,2,3-cd)pyrene
Concen: 50.41 ng
RT: 16.96 min Scan# 2528
Delta R.T. 0.00 min
Lab File: BF112232.D
Acq: 25 Jan 2019 14:44

Tgt Ion:276 Resp: 1076541
Ion Ratio Lower Upper
276 100
138 26.1 22.6 34.0
277 25.9 20.3 30.5





#87

Pervlene-d12

Concen: 20.00 ng

RT: 15.47 min Scan# 2276

Delta R.T. 0.00 min

Lab File: BF112232.D

Acq: 25 Jan 2019 14:44

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

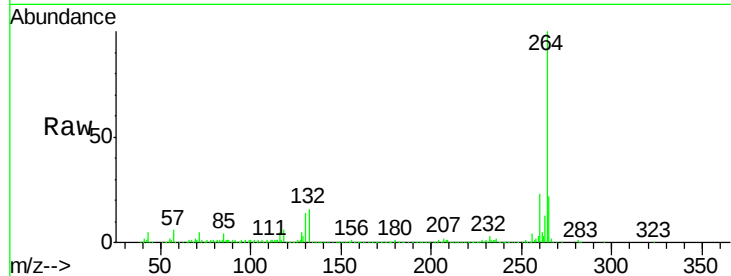
Tot Ion:264 Resp: 434157

Ion Ratio Lower Upper

264 100

260 23.1 18.2 27.2

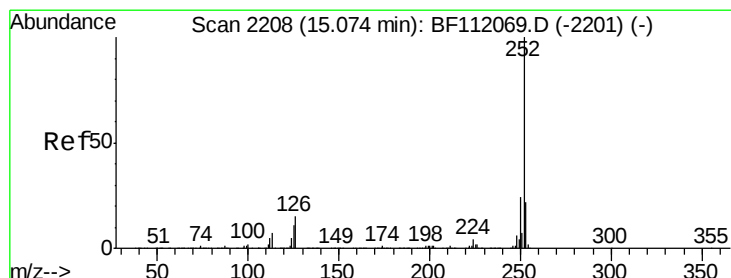
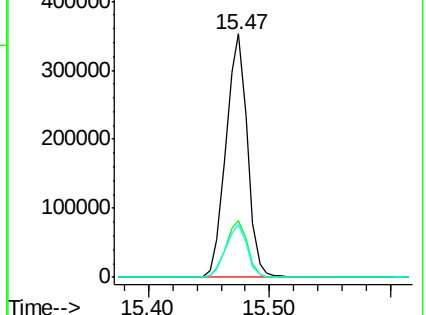
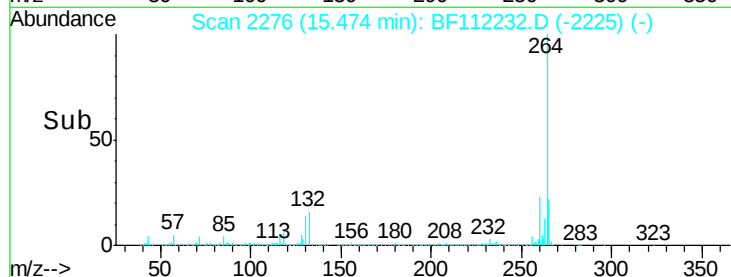
265 21.8 17.0 25.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 51.31 ng

RT: 15.05 min Scan# 2204

Delta R.T. 0.00 min

Lab File: BF112232.D

Acq: 25 Jan 2019 14:44

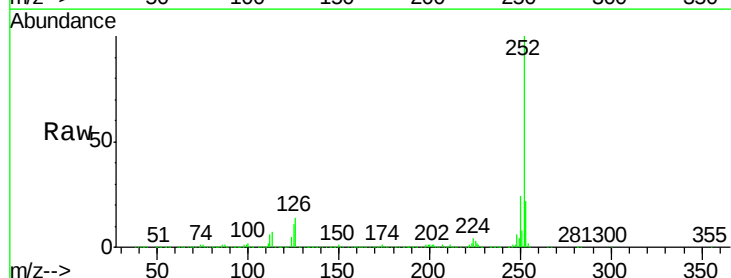
Tgt Ion:252 Resp: 1264451

Ion Ratio Lower Upper

252 100

253 22.3 18.0 27.0

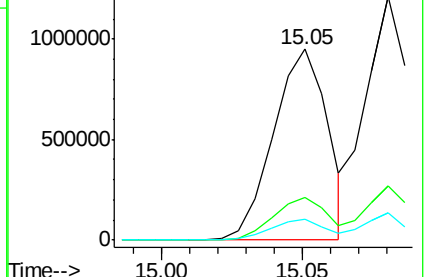
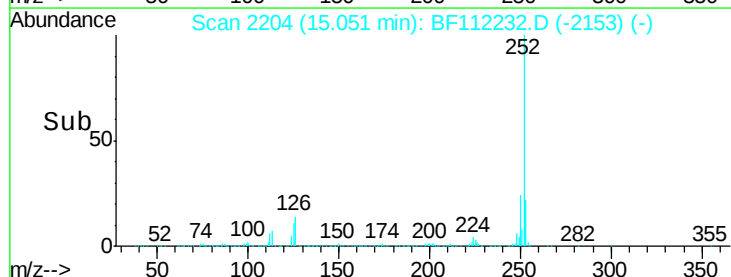
125 11.0 8.7 13.1

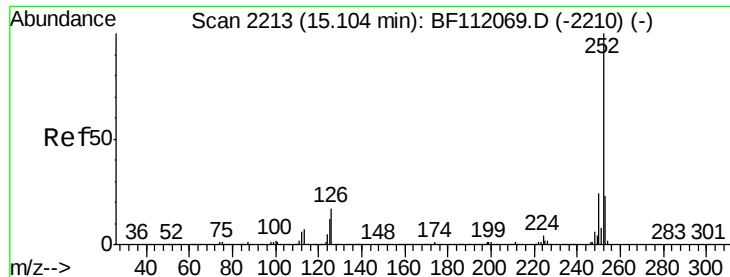


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 52.88 ng

RT: 15.08 min Scan# 2209

Delta R.T. 0.00 min

Lab File: BF112232.D

Acq: 25 Jan 2019 14:44

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

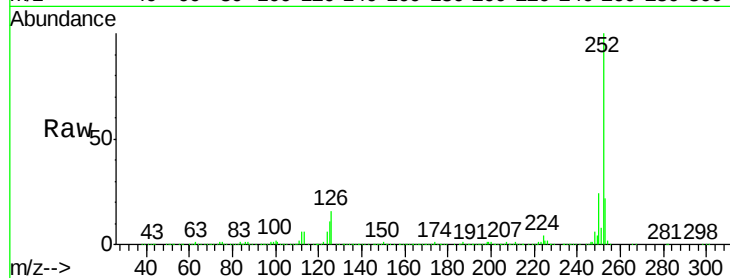
Tot Ion:252 Resp: 1261410

Ion Ratio Lower Upper

252 100

253 22.2 18.0 27.0

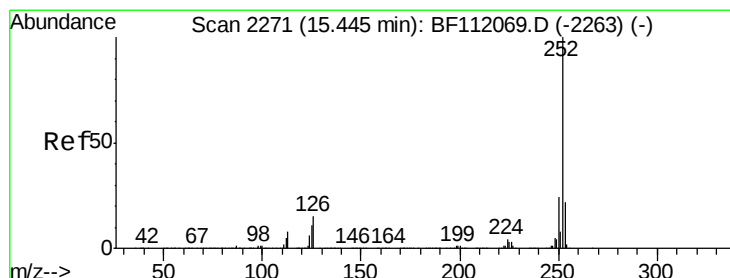
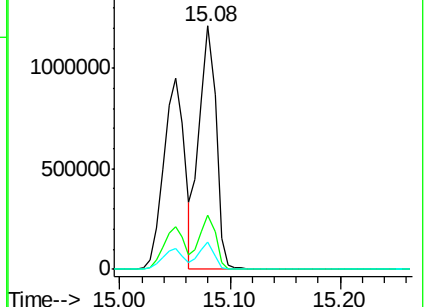
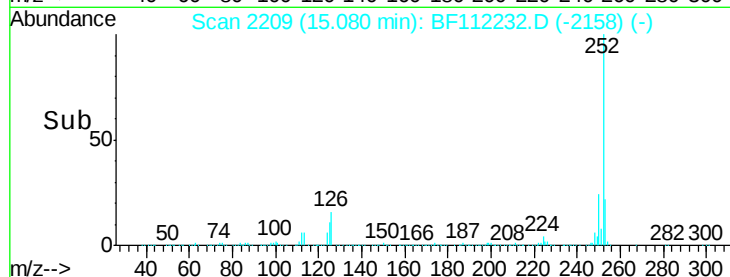
125 11.5 9.1 13.7



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: 51.45 ng

RT: 15.42 min Scan# 2266

Delta R.T. 0.00 min

Lab File: BF112232.D

Acq: 25 Jan 2019 14:44

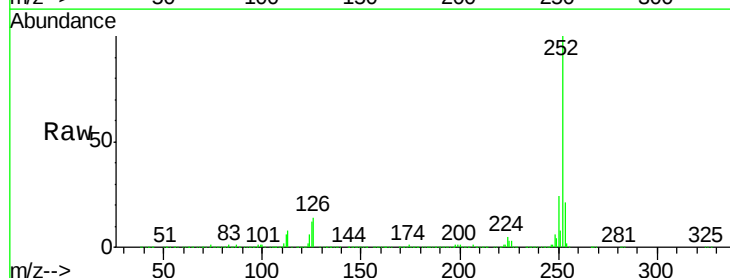
Tgt Ion:252 Resp: 1162866

Ion Ratio Lower Upper

252 100

253 21.2 17.5 26.3

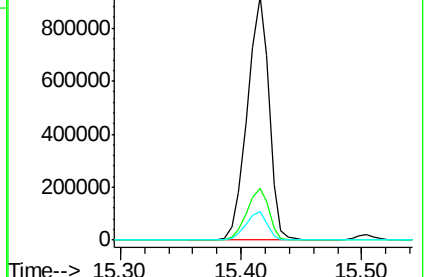
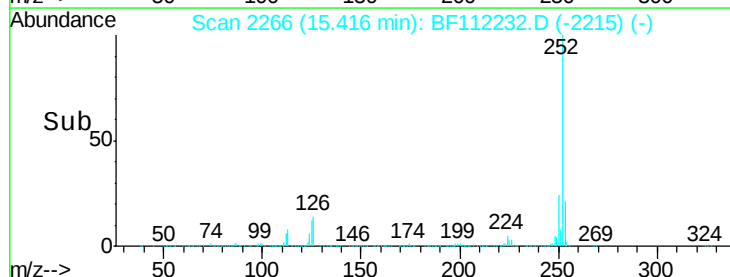
125 11.8 9.0 13.4

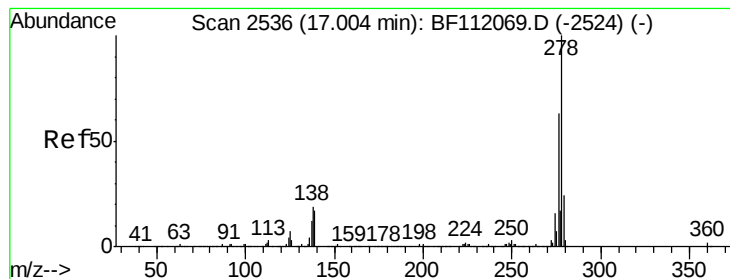


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 45.26 ng

RT: 16.97 min Scan# 2530

Delta R.T. 0.01 min

Lab File: BF112232.D

Acq: 25 Jan 2019 14:44

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

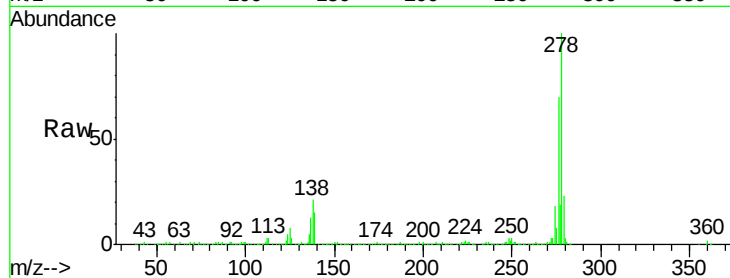
Tot Ion:278 Resp: 908529

Ion Ratio Lower Upper

278 100

139 15.4 13.7 20.5

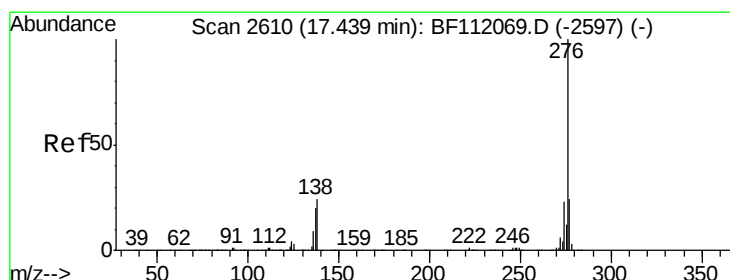
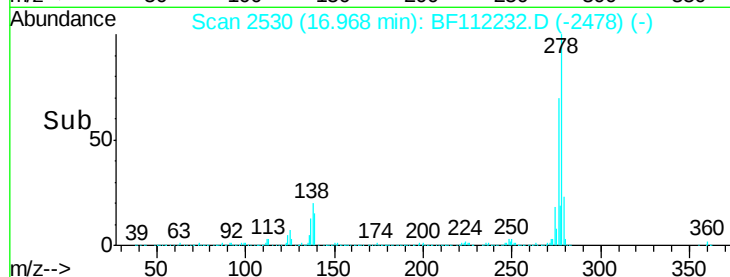
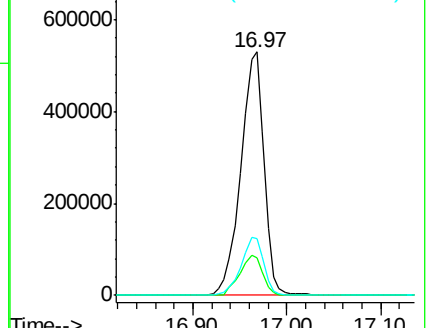
279 23.1 19.0 28.6



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: 43.57 ng

RT: 17.40 min Scan# 2604

Delta R.T. 0.01 min

Lab File: BF112232.D

Acq: 25 Jan 2019 14:44

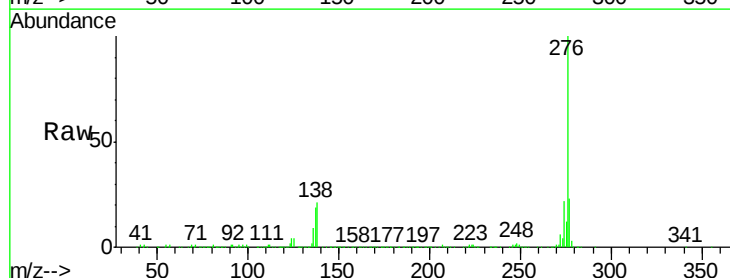
Tgt Ion:276 Resp: 861686

Ion Ratio Lower Upper

276 100

277 22.8 19.4 29.0

138 20.6 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

