

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012419\
 Data File : BF112223.D
 Acq On : 24 Jan 2019 21:51
 Operator : JU/SJ
 Sample : K1223-10MS 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS-VMS

Quant Time: Jan 25 00:06:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 19 01:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	146596	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	561789	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	240409	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	407471	20.00	ng	0.00
76) Chrysene-d12	14.03	240	261770	20.00	ng	0.00
87) Perylene-d12	15.52	264	196718	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	518537	64.20	ng	0.00
7) Phenol-d6	6.51	99	631077	62.45	ng	0.00
23) Nitrobenzene-d5	7.42	82	394553	48.52	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	152595	58.84	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	711477	43.39	ng	0.00
79) Terphenyl-d14	12.97	244	612365	49.77	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	62427	16.480	ng	96
3) Pyridine	3.39	79	154334	16.267	ng	98
4) n-Nitrosodimethylamine	3.30	42	80179	20.814	ng	# 90
6) Aniline	6.52	93	129406	10.529	ng	# 27
8) 2-Chlorophenol	6.65	128	201667	21.499	ng	98
9) Benzaldehyde	6.40	77	38674	4.644	ng	95
10) Phenol	6.52	94	240359	21.764	ng	88
11) bis(2-Chloroethyl)ether	6.59	93	180344	20.538	ng	99
12) 1,3-Dichlorobenzene	6.80	146	216558	20.230	ng	97
13) 1,4-Dichlorobenzene	6.87	146	218694	19.972	ng	97
14) 1,2-Dichlorobenzene	7.03	146	206514	20.474	ng	95
15) Benzyl Alcohol	7.00	79	164390	21.835	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.13	45	208766	16.486	ng	72
17) 2-Methylphenol	7.12	107	151488	21.504	ng	# 91
18) Hexachloroethane	7.37	117	46804	12.806	ng	97
19) n-Nitroso-di-n-propylamine	7.26	70	133722	21.722	ng	99
20) 3+4-Methylphenols	7.28	107	208062	24.359	ng	# 61
22) Acetophenone	7.26	105	277900	21.352	ng	# 93
24) Nitrobenzene	7.44	77	194546	22.575	ng	96
25) Isophorone	7.68	82	347149	22.103	ng	96
26) 2-Nitrophenol	7.76	139	76872	20.992	ng	93
27) 2,4-Dimethylphenol	7.80	122	167189	22.933	ng	90
28) bis(2-Chloroethoxy)methane	7.88	93	225286	20.911	ng	98
29) 2,4-Dichlorophenol	8.01	162	160697	20.178	ng	98
30) 1,2,4-Trichlorobenzene	8.09	180	176270	19.072	ng	98
31) Naphthalene	8.16	128	555164	21.727	ng	99
32) Benzoic acid	7.80	122	167189	49.182	ng	# 17
33) 4-Chloroaniline	8.21	127	113219	9.859	ng	98
34) Hexachlorobutadiene	8.28	225	99729	19.390	ng	99
35) Caprolactam	8.56	113	44892	16.105	ng	96
36) 4-Chloro-3-methylphenol	8.70	107	158665	20.398	ng	95
37) 2-Methylnaphthalene	8.86	142	378983	21.842	ng	98
38) 1-Methylnaphthalene	8.96	142	342811	20.558	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	160249	20.758	ng	99

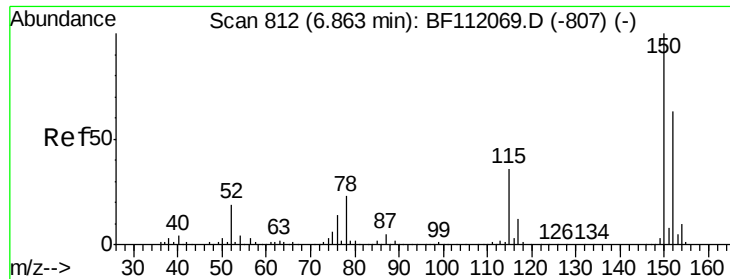
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012419\
 Data File : BF112223.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	340	7.958	ng	88
43) 2,4,6-Trichlorophenol	9.14	196	104229	22.569	ng	99
44) 2,4,5-Trichlorophenol	9.19	196	104665	21.279	ng	97
46) 1,1'-Biphenyl	9.32	154	431604	21.470	ng	98
47) 2-Chloronaphthalene	9.35	162	324782	20.640	ng	97
48) 2-Nitroaniline	9.44	65	98072	27.670	ng	93
49) Acenaphthylene	9.76	152	495415	21.575	ng	98
50) Dimethylphthalate	9.61	163	485129	27.670	ng	99
51) 2,6-Dinitrotoluene	9.68	165	71930	20.544	ng	94
52) Acenaphthene	9.93	154	294232	20.943	ng	99
53) 3-Nitroaniline	9.85	138	84153	21.493	ng	93
55) Dibenzofuran	10.10	168	438027	20.616	ng	95
56) 4-Nitrophenol	10.03	139	89422	35.351	ng	84
57) 2,4-Dinitrotoluene	10.09	165	81583	21.000	ng	# 87
58) Fluorene	10.45	166	337629	21.269	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.23	232	75702	20.396	ng	# 93
60) Diethylphthalate	10.31	149	403168	23.558	ng	98
61) 4-Chlorophenyl-phenylether	10.43	204	165519	19.323	ng	92
62) 4-Nitroaniline	10.46	138	94167	24.221	ng	93
63) Azobenzene	10.59	77	295385	18.023	ng	98
65) 4,6-Dinitro-2-methylphenol	10.50	198	962	10.517	ng	# 1
66) n-Nitrosodiphenylamine	10.55	169	298915	22.190	ng	99
67) 4-Bromophenyl-phenylether	10.92	248	95093	20.092	ng	92
68) Hexachlorobenzene	11.00	284	97152	19.055	ng	99
69) Atrazine	11.08	200	94561	21.754	ng	94
70) Pentachlorophenol	11.20	266	62531	29.667	ng	100
71) Phenanthrene	11.41	178	626095	30.532	ng	99
72) Anthracene	11.46	178	507364	24.424	ng	99
73) Carbazole	11.62	167	424020	20.376	ng	99
74) Di-n-butylphthalate	11.94	149	565949	24.178	ng	99
75) Fluoranthene	12.60	202	707677	32.685	ng	98
77) Benzdine	12.72	184	58776	6.730	ng	97
78) Pyrene	12.83	202	653079	37.815	ng	98
80) Butylbenzylphthalate	13.44	149	257374	33.969	ng	91
81) Benzo(a)anthracene	14.03	228	401822	26.772	ng	99
82) 3,3'-Dichlorobenzidine	13.98	252	65049	11.573	ng	96
83) Chrysene	14.06	228	375755	26.458	ng	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	367913	33.882	ng	98
85) Di-n-octyl phthalate	14.61	149	480224	28.703	ng	100
86) Indeno(1,2,3-cd)pyrene	17.02	276	256764	19.597	ng	95
88) Benzo(b)fluoranthene	15.09	252	320744	28.724	ng	97
89) Benzo(k)fluoranthene	15.11	252	255031	23.597	ng	98
90) Benzo(a)pyrene	15.46	252	269053	26.273	ng	97
91) Dibenzo(a,h)anthracene	17.03	278	194348	21.368	ng	98
92) Benzo(g,h,i)perylene	17.47	276	202721	22.624	ng	97

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

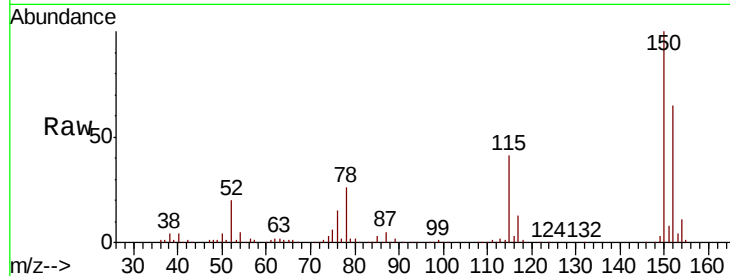


#1

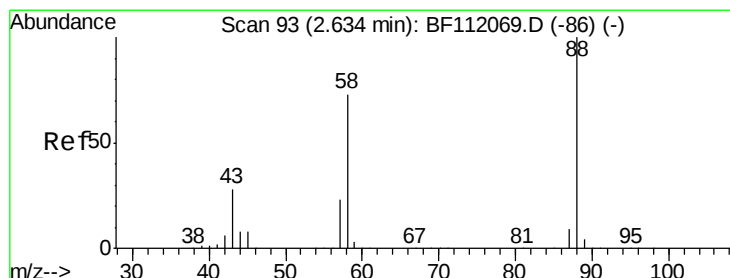
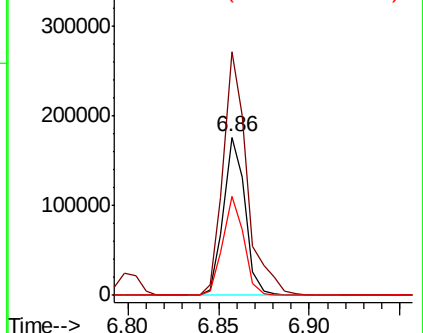
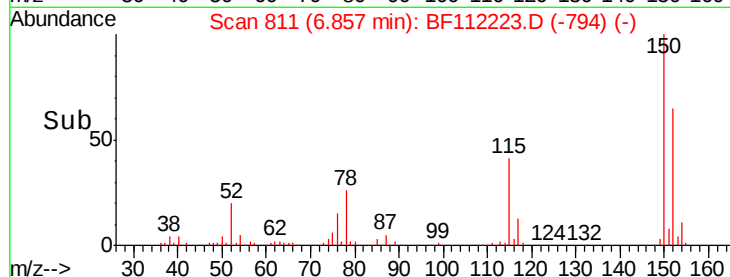
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF112223.D
Acq: 24 Jan 2019 21:51

Instrument :
BNA_F
ClientSampleId :
TS-VMS

Tgt Ion: 152 Resp: 146596
Ion Ratio Lower Upper
152 100
150 154.1 127.4 191.0
115 62.6 45.5 68.3



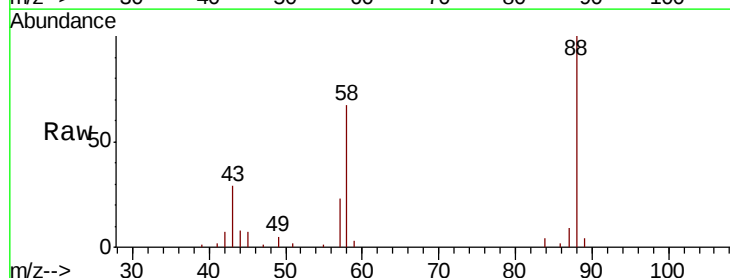
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



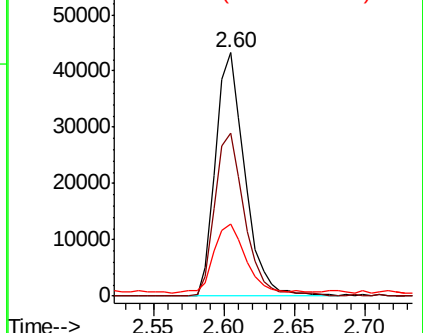
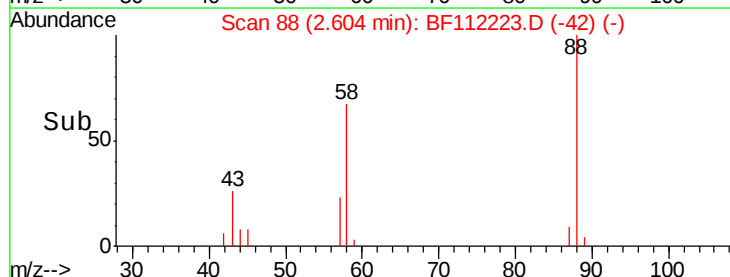
#2

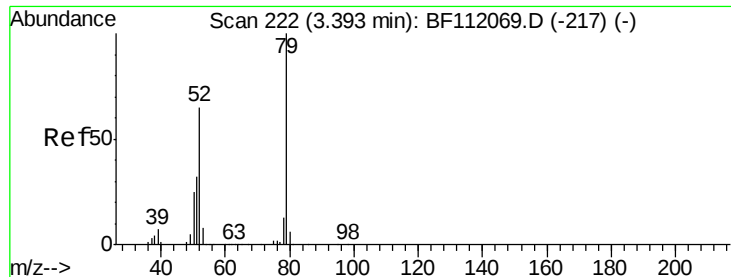
1,4-Dioxane
Concen: 16.480 ng
RT: 2.60 min Scan# 88
Delta R.T. -0.03 min
Lab File: BF112223.D
Acq: 24 Jan 2019 21:51

Tgt Ion: 88 Resp: 62427
Ion Ratio Lower Upper
88 100
58 68.7 57.4 86.2
43 30.6 22.2 33.4



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 16.267 ng

RT: 3.39 min Scan# 221

Delta R.T. 0.00 min

Lab File: BF112223.D

Acq: 24 Jan 2019 21:51

Instrument :

BNA_F

ClientSampleId :

TS-VMS

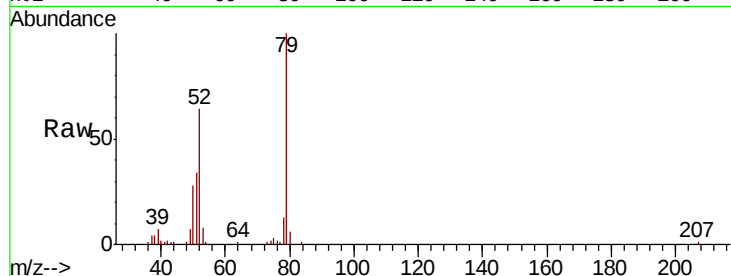
Tgt Ion: 79 Resp: 154334

Ion Ratio Lower Upper

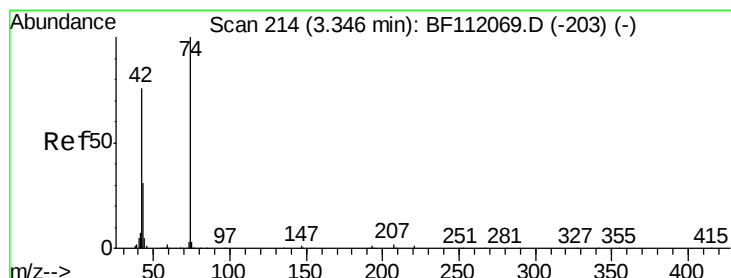
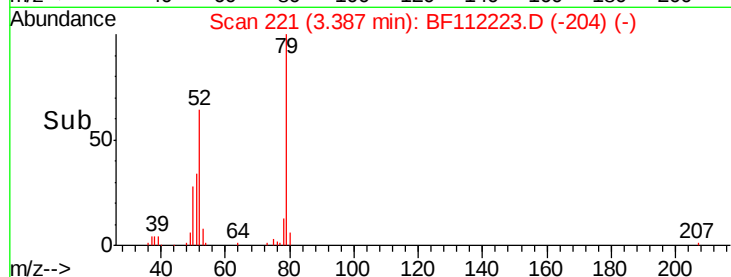
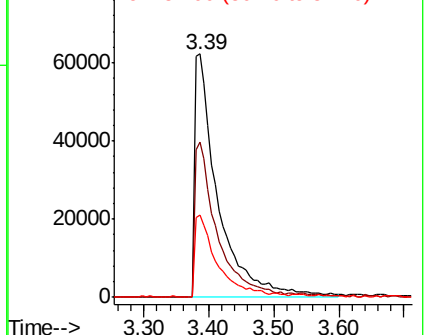
79 100

52 63.8 52.4 78.6

51 34.0 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: 20.814 ng

RT: 3.30 min Scan# 207

Delta R.T. -0.04 min

Lab File: BF112223.D

Acq: 24 Jan 2019 21:51

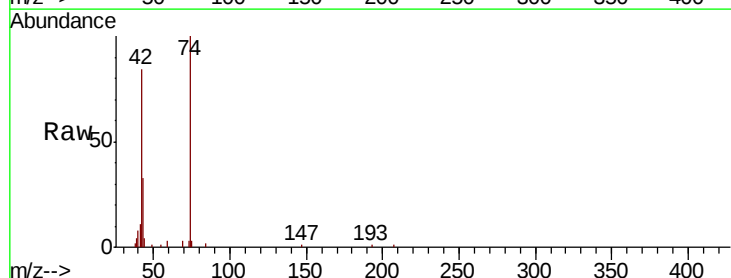
Tgt Ion: 42 Resp: 80179

Ion Ratio Lower Upper

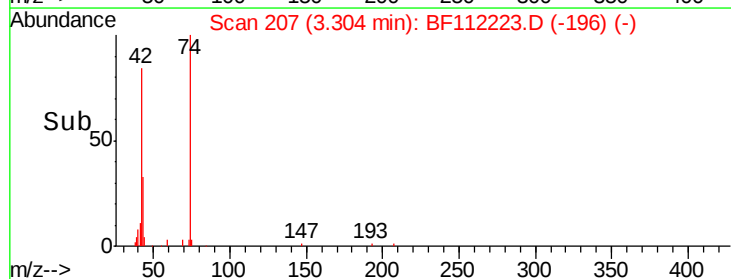
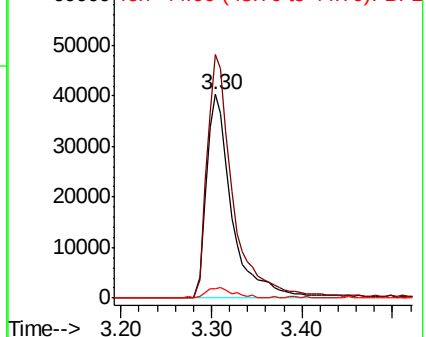
42 100

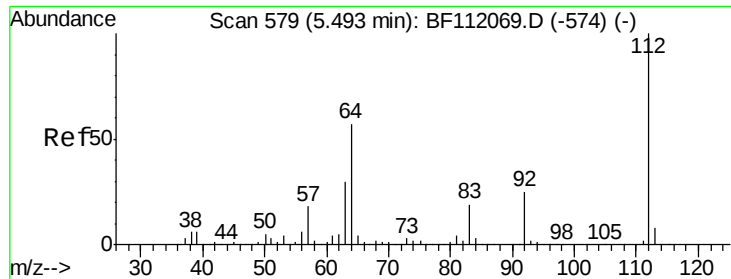
74 119.4 105.6 158.4

44 4.7 5.4 8.2#



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





#5

2-Fluorophenol

Concen: 64.201 ng

RT: 5.49 min Scan# 579

Delta R.T. 0.00 min

Lab File: BF112223.D

Acq: 24 Jan 2019 21:51

Instrument :

BNA_F

ClientSampled :

TS-VMS

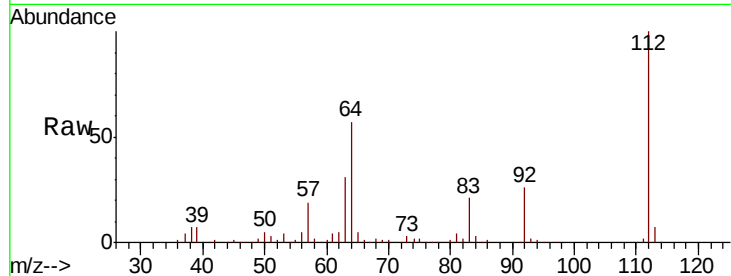
Tgt Ion: 112 Resp: 518537

Ion Ratio Lower Upper

112 100

64 57.0 45.7 68.5

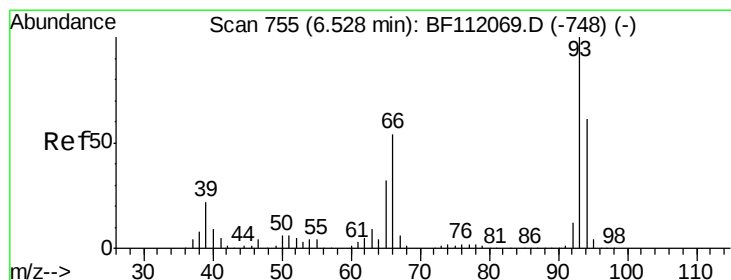
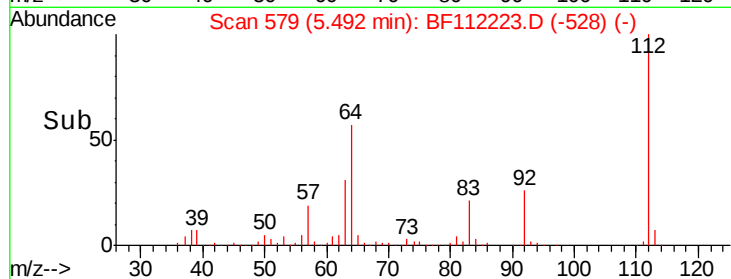
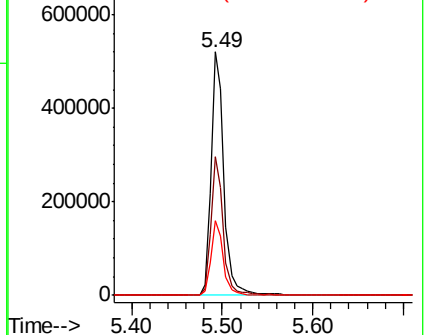
63 30.8 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 10.529 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF112223.D

Acq: 24 Jan 2019 21:51

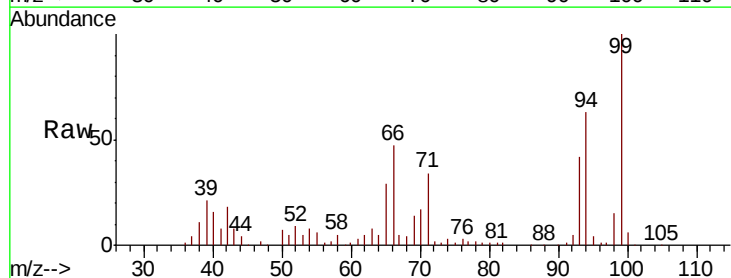
Tgt Ion: 93 Resp: 129406

Ion Ratio Lower Upper

93 100

66 110.1 43.4 65.2#

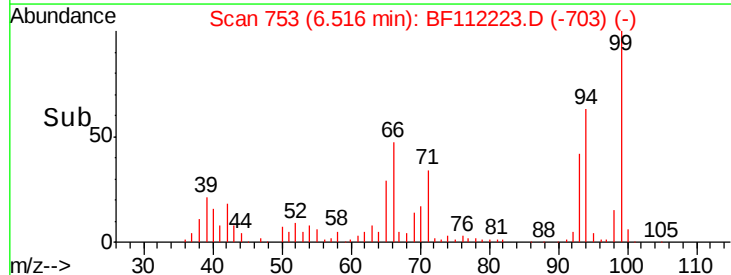
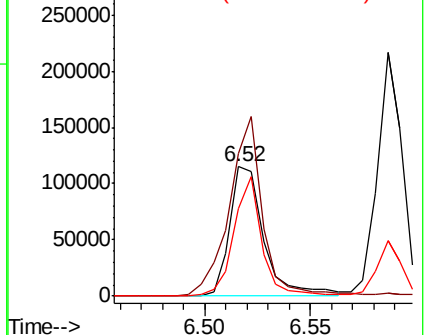
65 67.3 25.3 37.9#

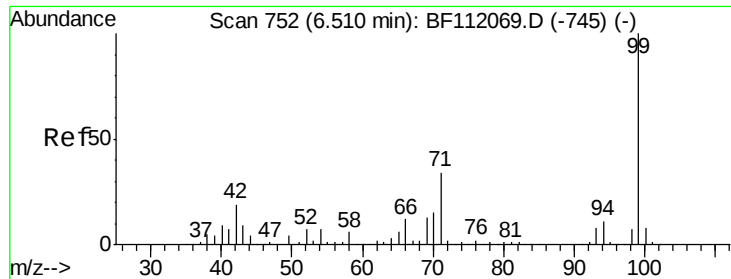


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 62.450 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF112223.D

Acq: 24 Jan 2019 21:51

Instrument :

BNA_F

ClientSampleId :

TS-VMS

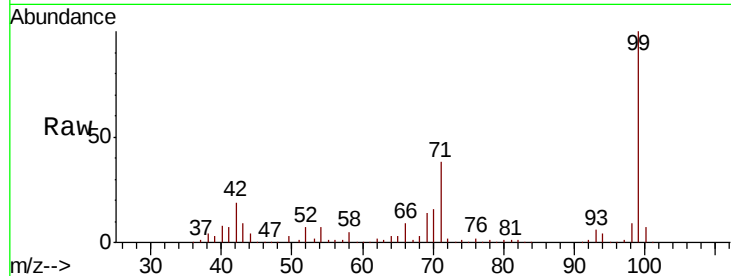
Tgt Ion: 99 Resp: 631077

Ion Ratio Lower Upper

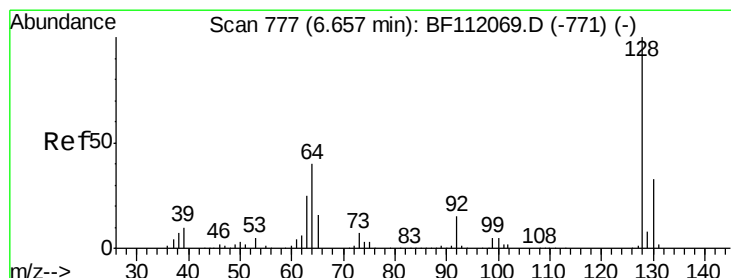
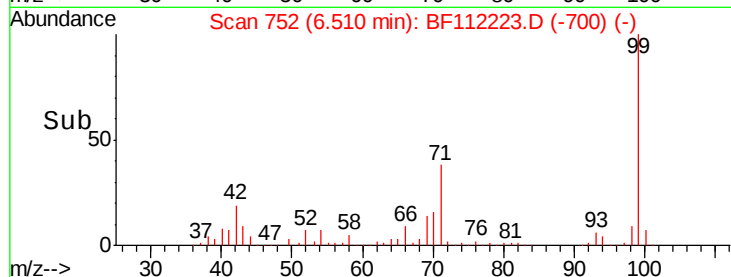
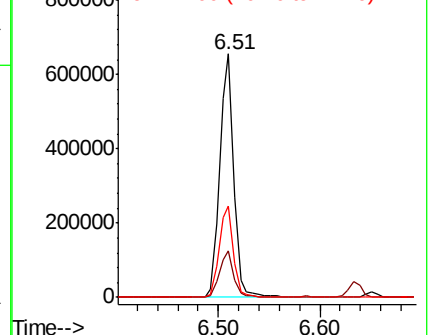
99 100

42 19.2 15.1 22.7

71 37.7 26.9 40.3



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



#8

2-Chlorophenol

Concen: 21.499 ng

RT: 6.65 min Scan# 776

Delta R.T. 0.00 min

Lab File: BF112223.D

Acq: 24 Jan 2019 21:51

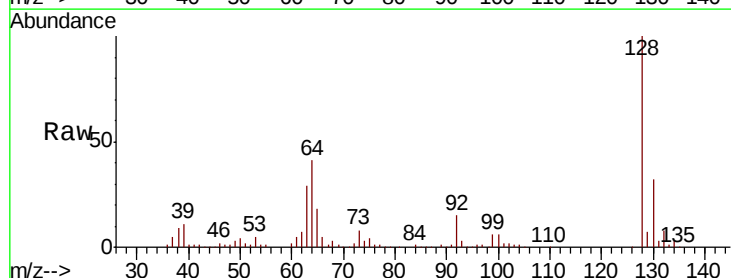
Tgt Ion: 128 Resp: 201667

Ion Ratio Lower Upper

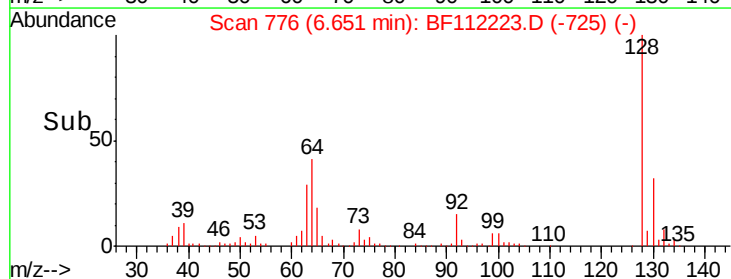
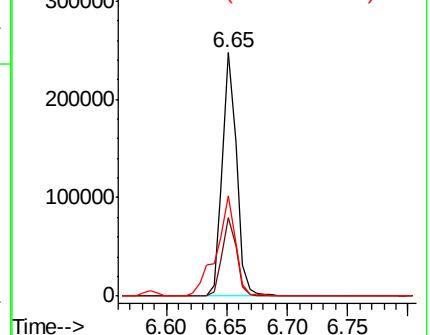
128 100

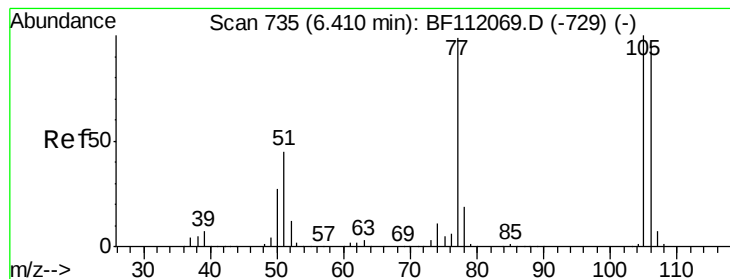
130 32.1 13.4 53.4

64 41.3 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: 4.644 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF112223.D

Acq: 24 Jan 2019 21:51

Instrument :

BNA_F

ClientSampled :

TS-VMS

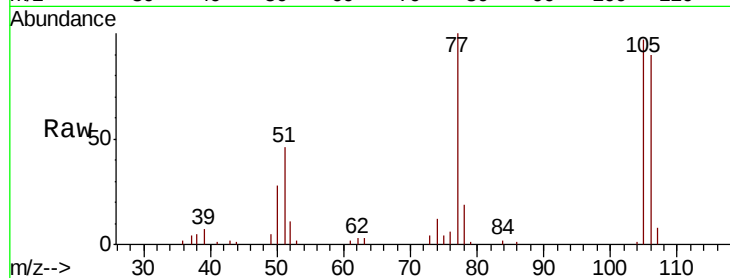
Tgt Ion: 77 Resp: 38674

Ion Ratio Lower Upper

77 100

105 97.2 80.8 120.8

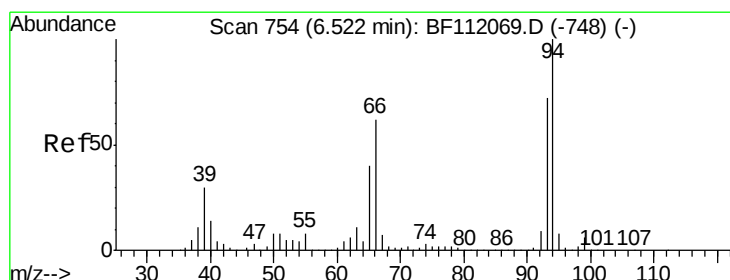
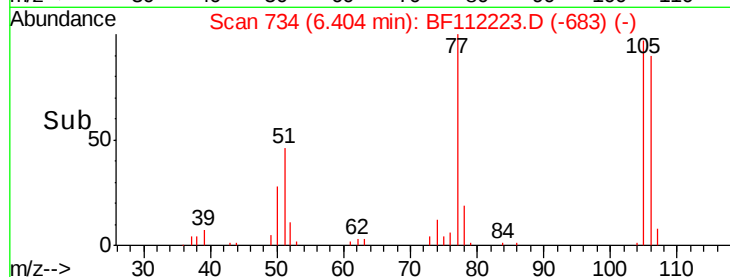
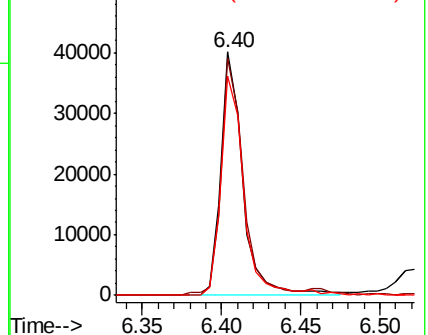
106 90.3 75.7 115.7



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: 21.764 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF112223.D

Acq: 24 Jan 2019 21:51

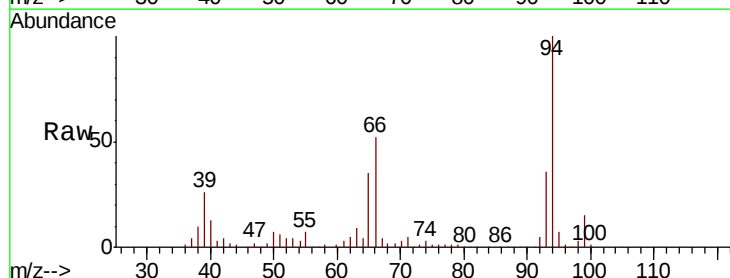
Tgt Ion: 94 Resp: 240359

Ion Ratio Lower Upper

94 100

65 34.8 20.3 60.3

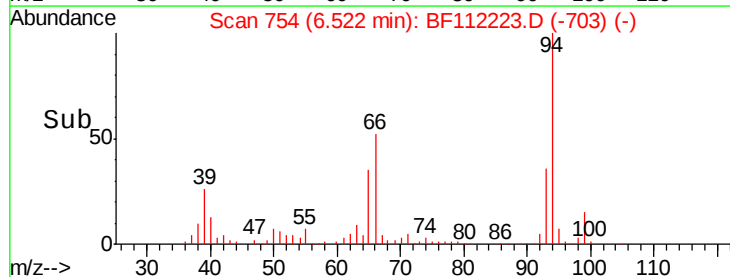
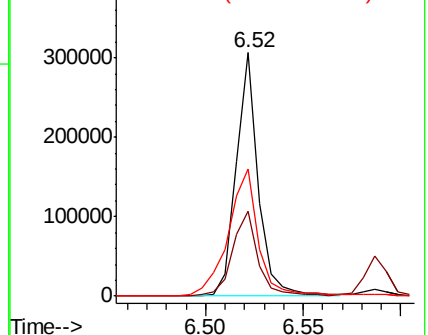
66 52.1 42.4 82.4

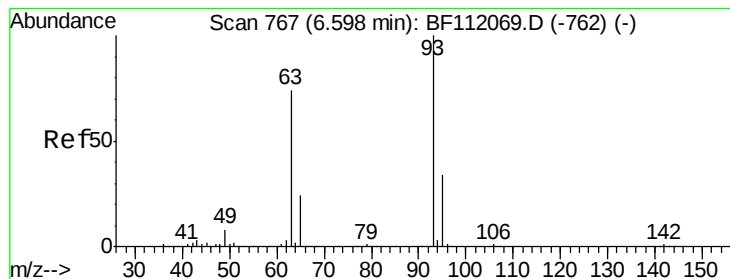


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 20.538 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF112223.D

Acq: 24 Jan 2019 21:51

Instrument :

BNA_F

ClientSampleId :

TS-VMS

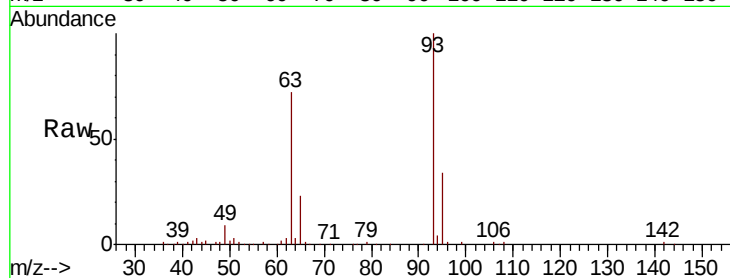
Tgt Ion: 93 Resp: 180344

Ion Ratio Lower Upper

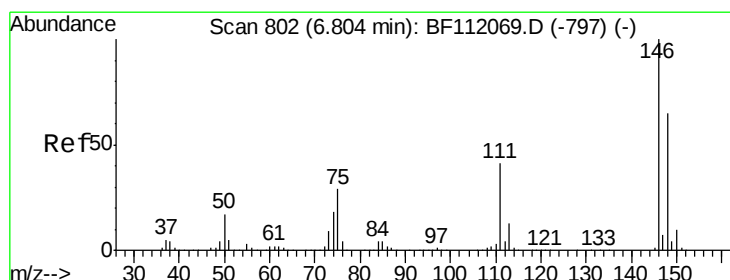
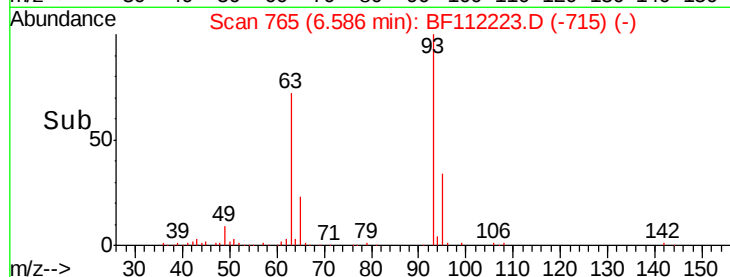
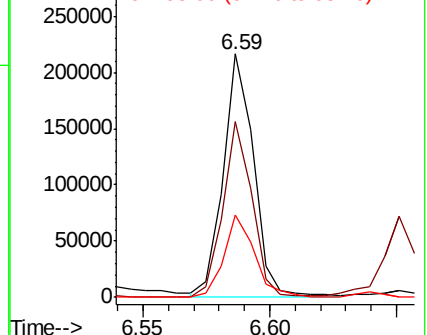
93 100

63 72.2 53.3 93.3

95 33.7 13.4 53.4



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



#12

1,3-Dichlorobenzene

Concen: 20.230 ng

RT: 6.80 min Scan# 801

Delta R.T. 0.00 min

Lab File: BF112223.D

Acq: 24 Jan 2019 21:51

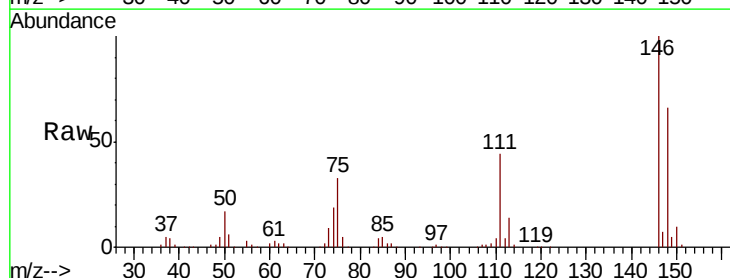
Tgt Ion: 146 Resp: 216558

Ion Ratio Lower Upper

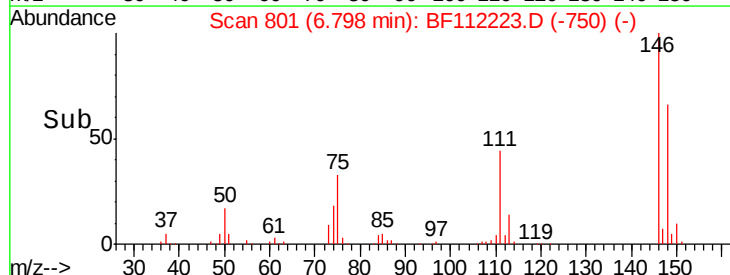
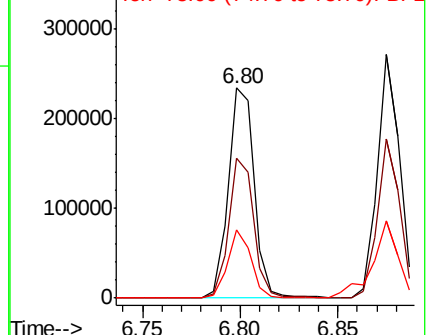
146 100

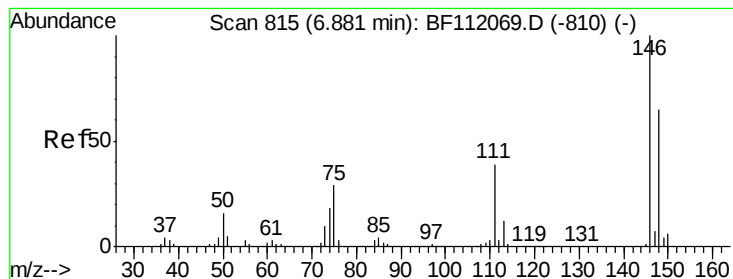
148 66.3 51.8 77.8

75 32.6 23.1 34.7



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





#13

1,4-Dichlorobenzene

Concen: 19.972 ng

RT: 6.87 min Scan# 814

Delta R.T. 0.00 min

Lab File: BF112223.D

Acq: 24 Jan 2019 21:51

Instrument :

BNA_F

ClientSampleId :

TS-VMS

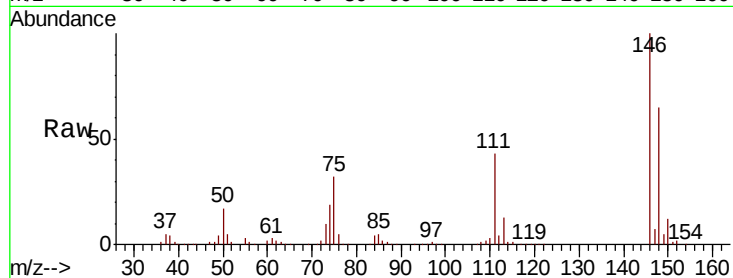
Tgt Ion:146 Resp: 218694

Ion Ratio Lower Upper

146 100

148 65.3 52.0 78.0

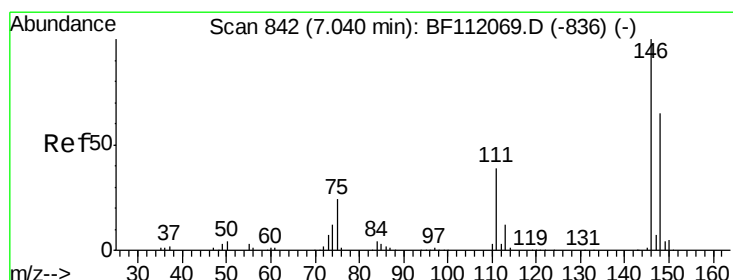
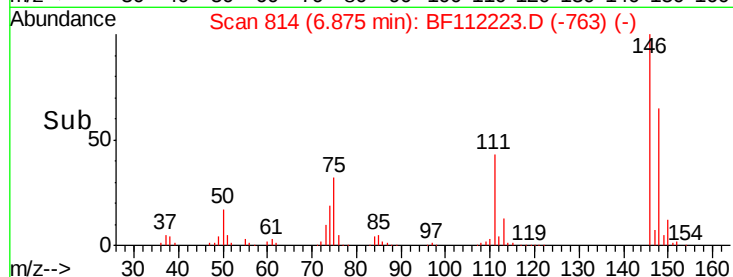
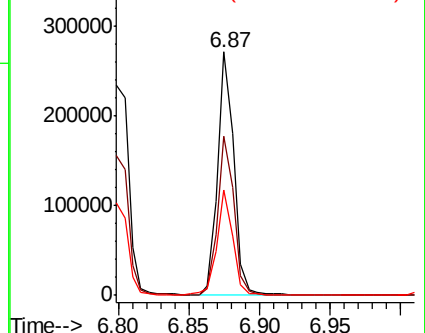
111 43.0 31.2 46.8



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: 20.474 ng

RT: 7.03 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF112223.D

Acq: 24 Jan 2019 21:51

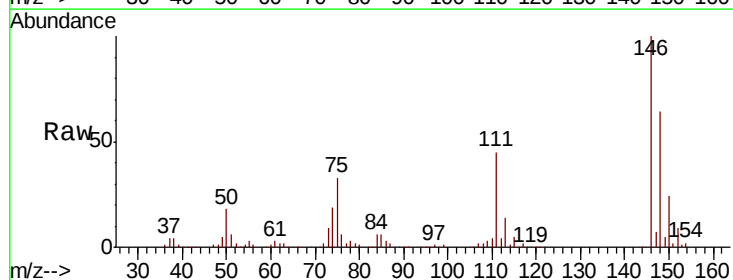
Tgt Ion:146 Resp: 206514

Ion Ratio Lower Upper

146 100

148 63.7 52.2 78.4

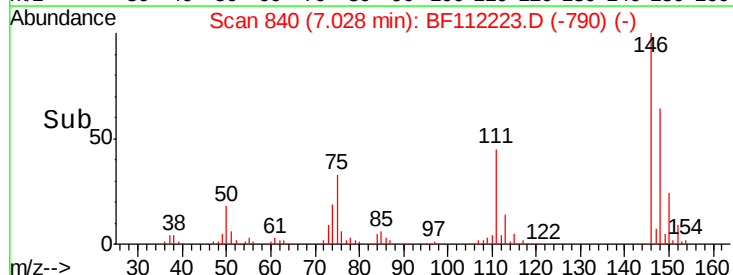
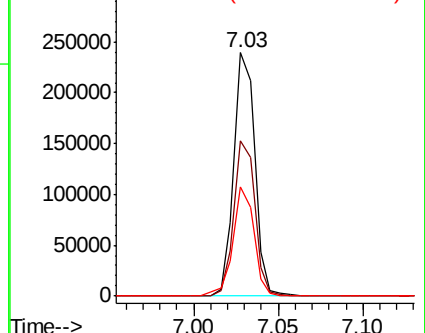
111 44.6 31.2 46.8

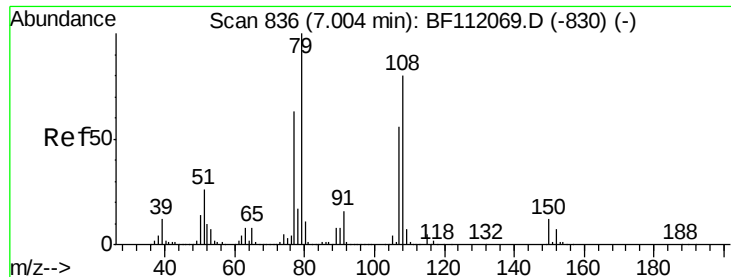


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 21.835 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF112223.D

Acq: 24 Jan 2019 21:51

Instrument :

BNA_F

ClientSampleId :

TS-VMS

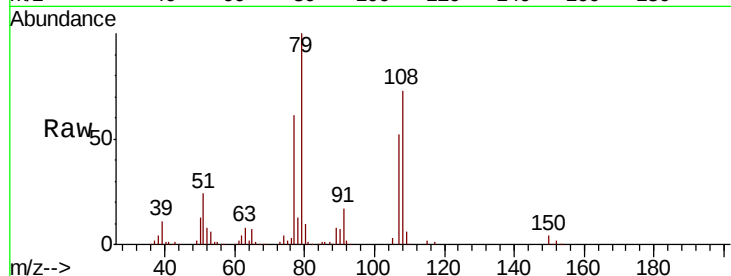
Tgt Ion: 79 Resp: 164390

Ion Ratio Lower Upper

79 100

108 73.3 64.2 96.2

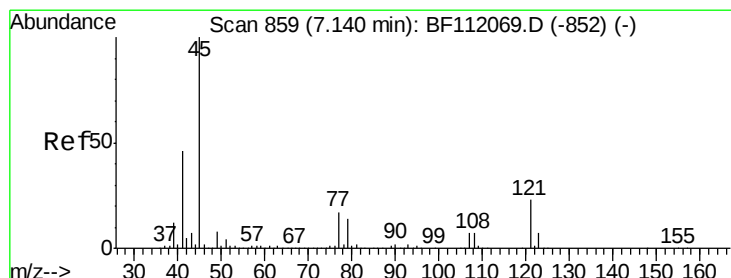
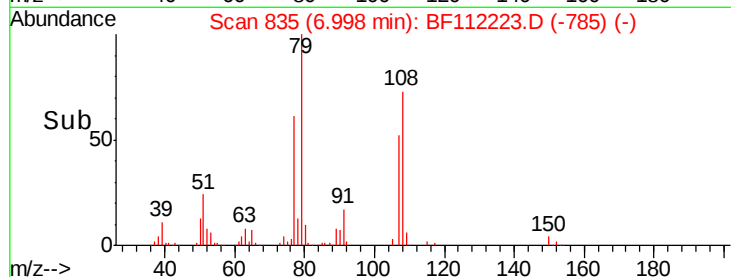
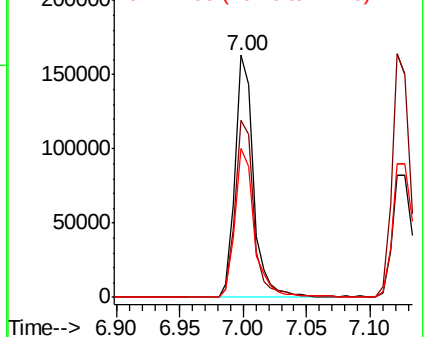
77 61.3 50.3 75.5



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 16.486 ng

RT: 7.13 min Scan# 858

Delta R.T. 0.00 min

Lab File: BF112223.D

Acq: 24 Jan 2019 21:51

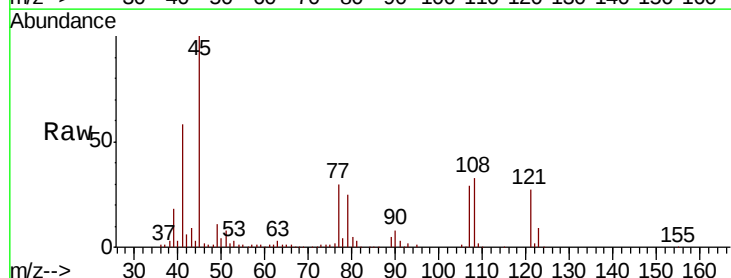
Tgt Ion: 45 Resp: 208766

Ion Ratio Lower Upper

45 100

77 30.0 0.0 36.9

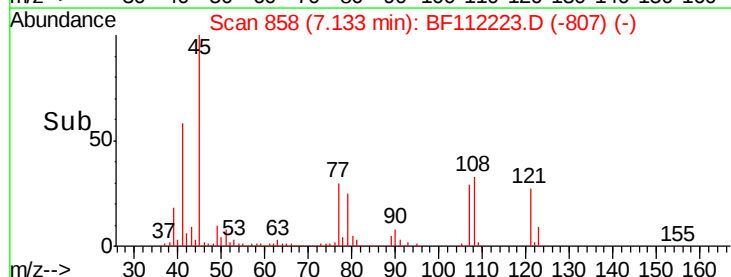
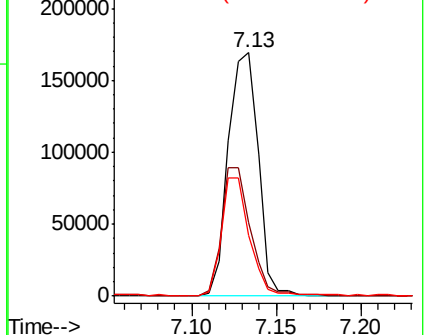
79 24.7 0.0 34.0

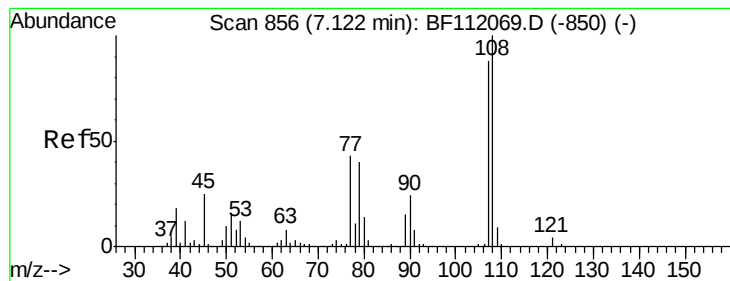


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 21.504 ng

RT: 7.12 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF112223.D

Acq: 24 Jan 2019 21:51

Instrument :

BNA_F

ClientSampleId :

TS-VMS

Tgt Ion:107 Resp: 151488

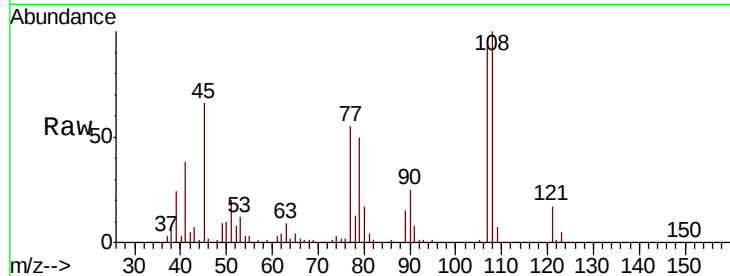
Ion Ratio Lower Upper

107 100

108 107.7 91.3 136.9

77 58.8 39.0 58.6#

79 54.2 37.0 55.4

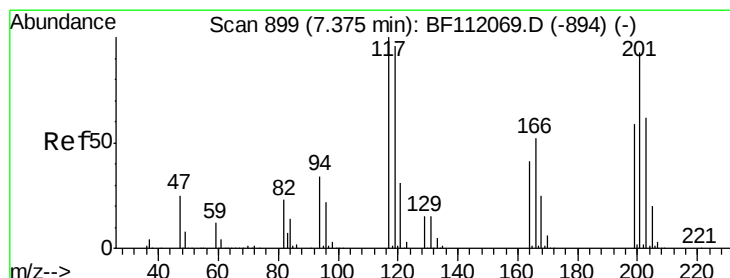
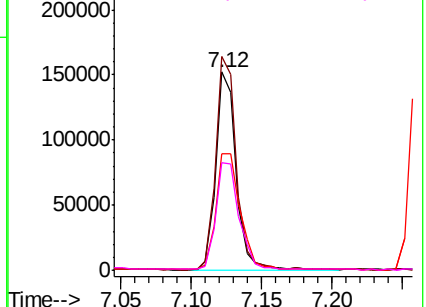
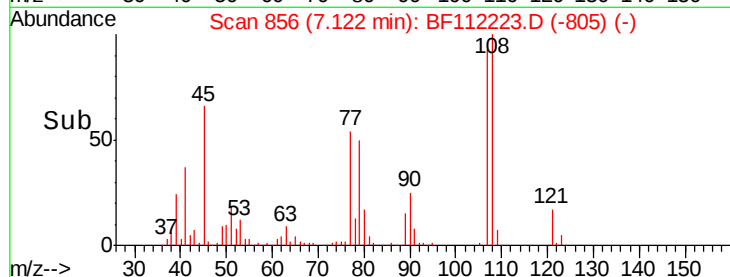


Abundance Ion 107.00 (106.70 to 107.70): E

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: 12.806 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.00 min

Lab File: BF112223.D

Acq: 24 Jan 2019 21:51

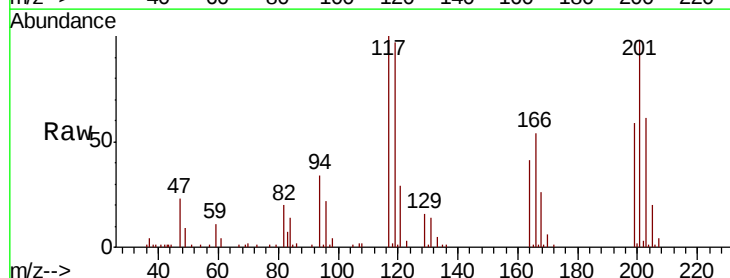
Tgt Ion:117 Resp: 46804

Ion Ratio Lower Upper

117 100

119 96.6 77.0 115.4

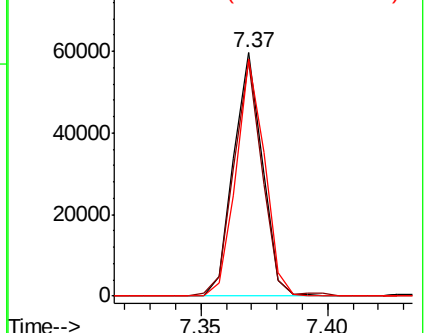
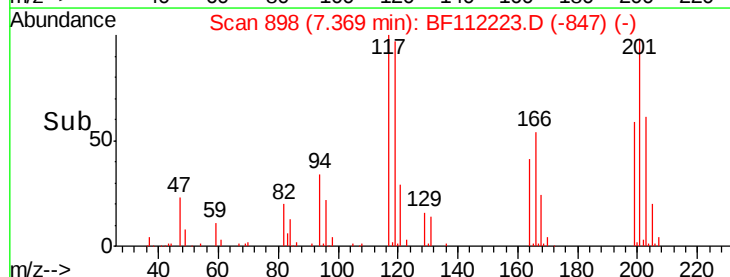
201 97.6 74.1 111.1

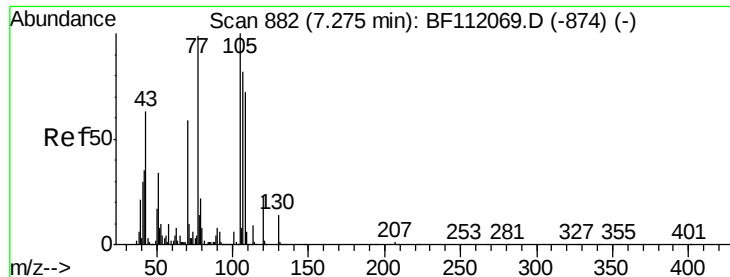


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

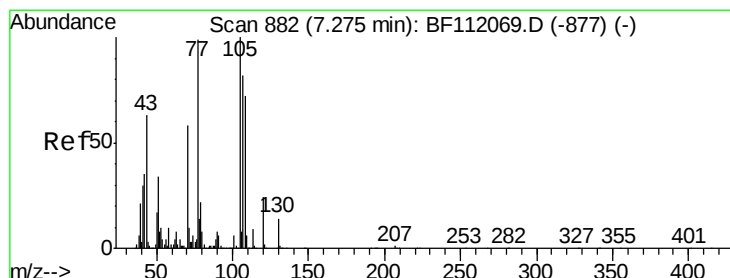
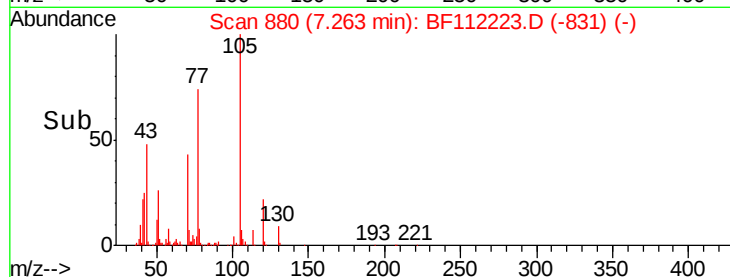
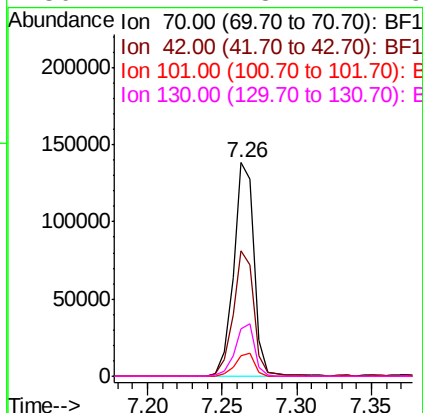
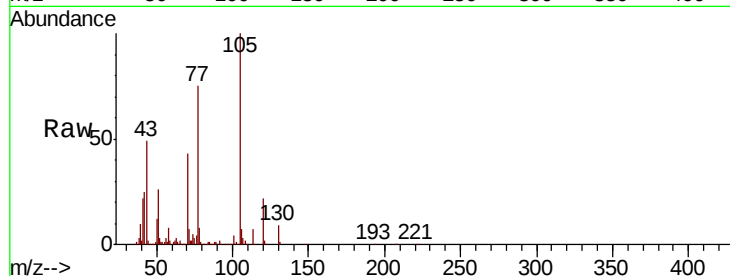




#19
n-Nitroso-di-n-propylamine
Concen: 21.722 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF112223.D
Acq: 24 Jan 2019 21:51

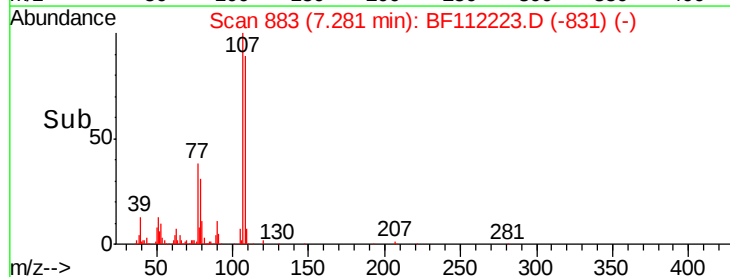
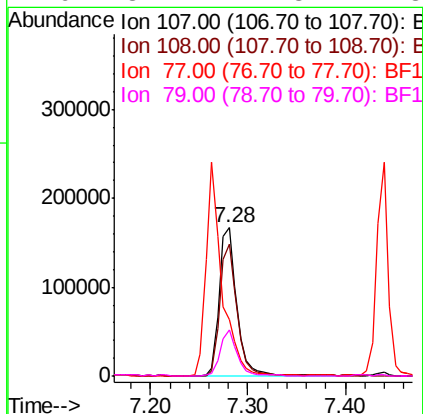
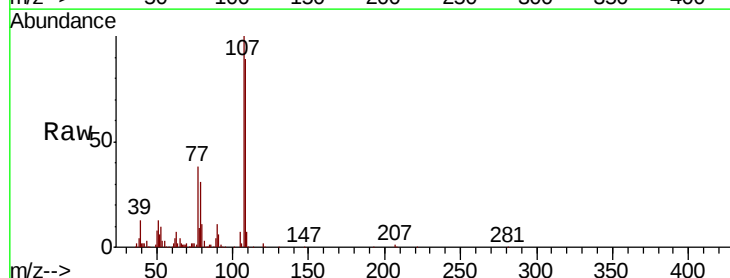
Instrument :
BNA_F
ClientSampleId :
TS-VMS

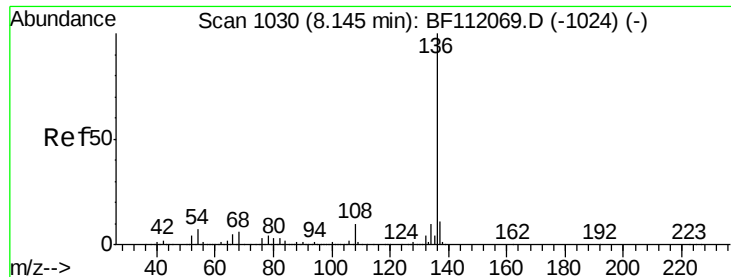
Tgt Ion:	70	Resp:	133722
Ion	Ratio	Lower	Upper
70	100		
42	58.9	47.6	71.4
101	9.5	7.9	11.9
130	22.1	18.4	27.6



#20
3+4-Methylphenols
Concen: 24.359 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.01 min
Lab File: BF112223.D
Acq: 24 Jan 2019 21:51

Tgt Ion:	107	Resp:	208062
Ion	Ratio	Lower	Upper
107	100		
108	89.1	68.2	108.2
77	38.2	100.7	140.7#
79	31.2	7.3	47.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. 0.01 min

Lab File: BF112223.D

Acq: 24 Jan 2019 21:51

Instrument :

BNA_F

ClientSampleId :

TS-VMS

Tgt Ion:136 Resp: 561789

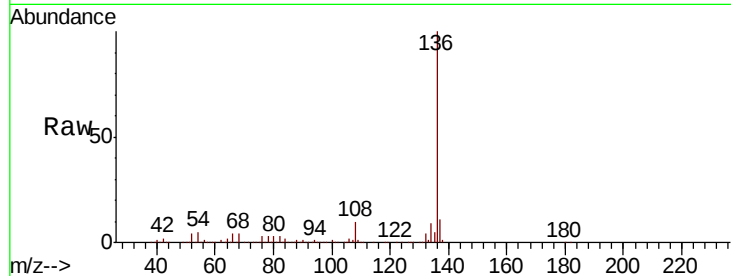
Ion Ratio Lower Upper

136 100

137 10.6 9.1 13.7

54 5.4 5.9 8.9#

68 4.0 5.1 7.7#

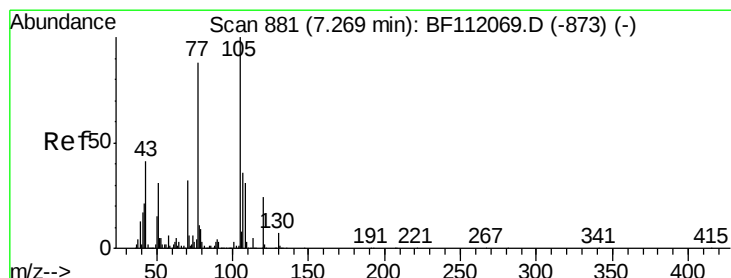
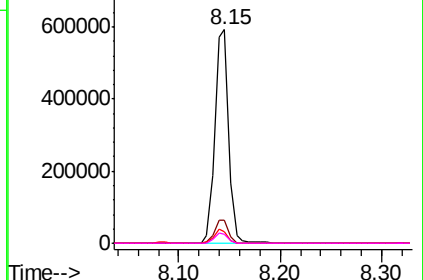
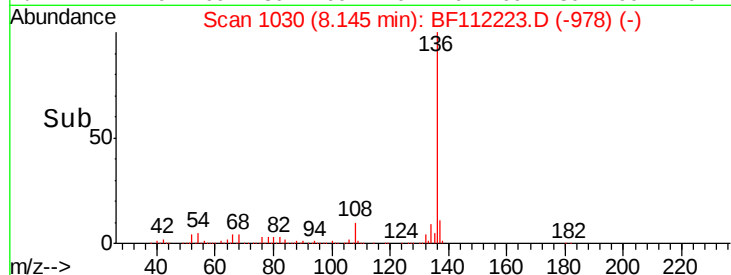


Abundance Ion 136.00 (135.70 to 136.70): E

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: 21.352 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF112223.D

Acq: 24 Jan 2019 21:51

Tgt Ion:105 Resp: 277900

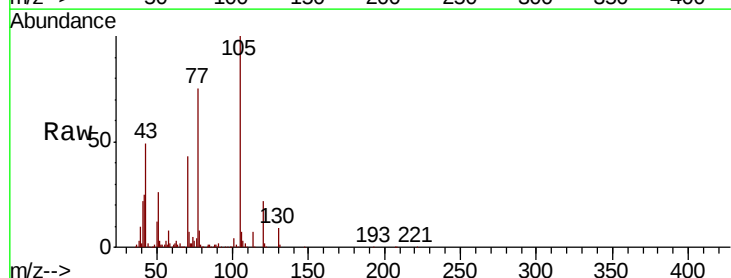
Ion Ratio Lower Upper

105 100

71 7.2 4.6 6.8#

51 25.7 25.0 37.6

120 21.6 19.0 28.4

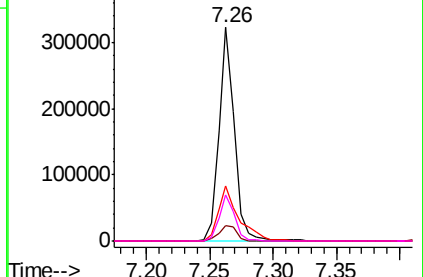
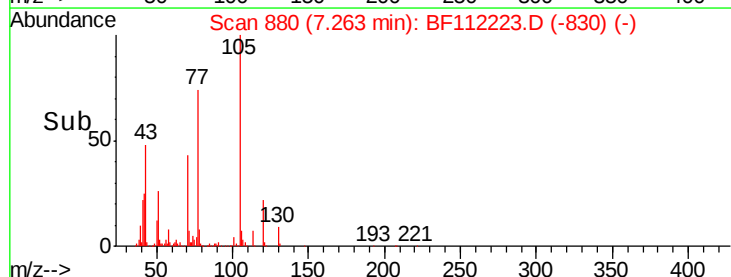


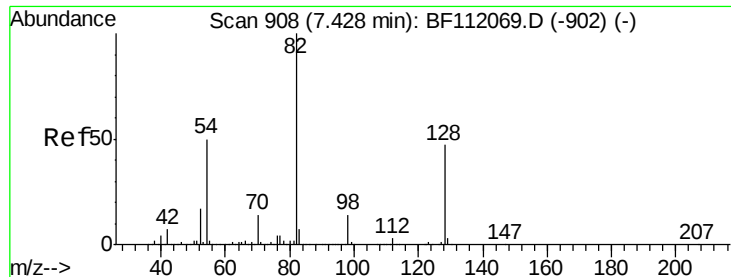
Abundance Ion 105.00 (104.70 to 105.70): E

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

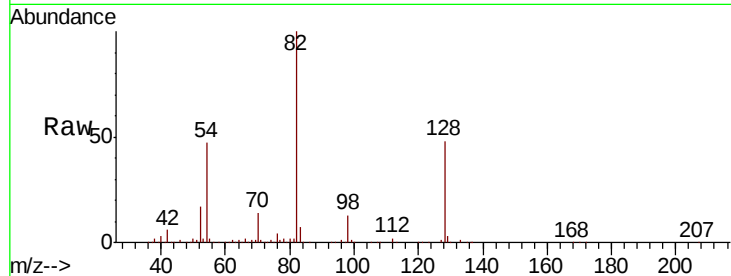




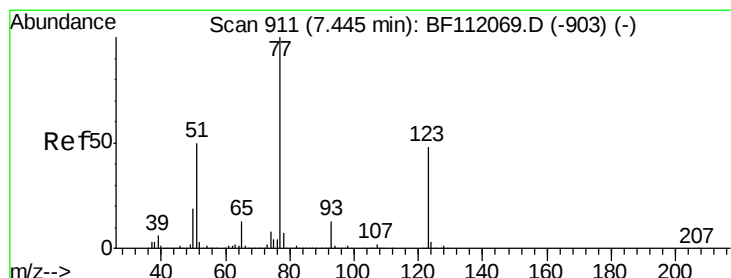
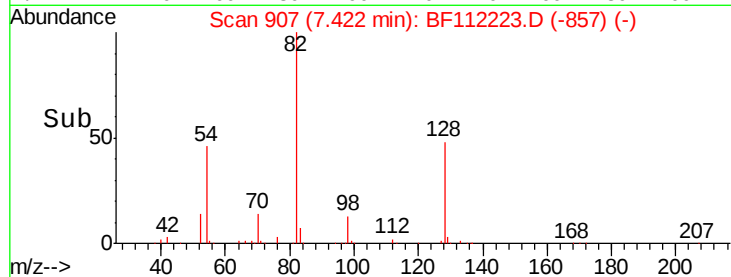
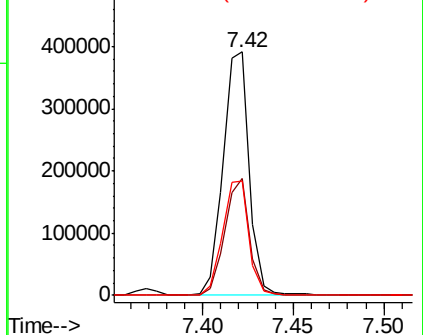
#23
 Nitrobenzene-d5
 Concen: 48.522 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BF112223.D
 Acq: 24 Jan 2019 21:51

Instrument :
 BNA_F
 ClientSampleID :
 TS-VMS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	48.2	37.8	56.8
54	47.0	39.7	59.5

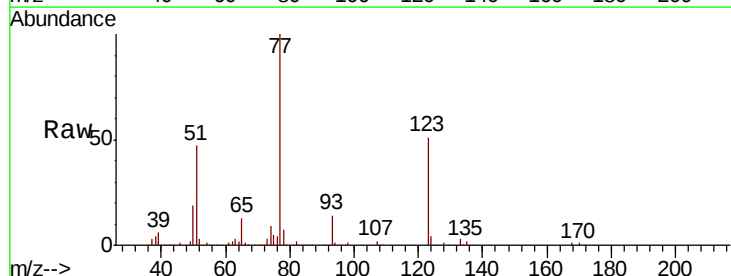


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

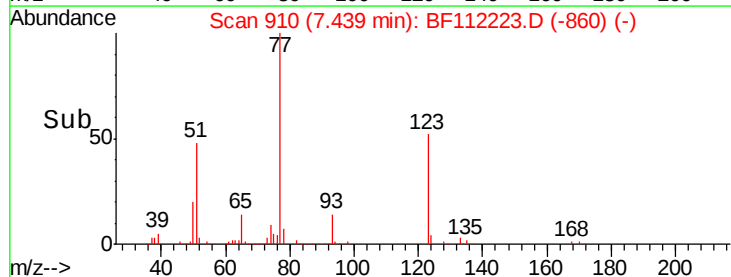
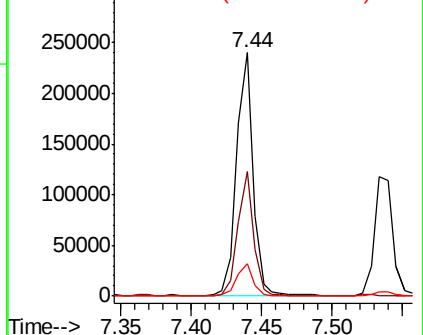


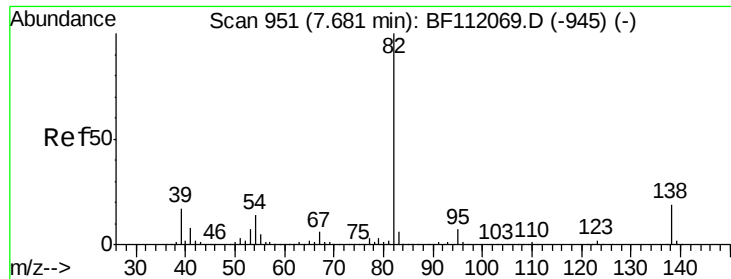
#24
 Nitrobenzene
 Concen: 22.575 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF112223.D
 Acq: 24 Jan 2019 21:51

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.1	38.4	57.6
65	13.3	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

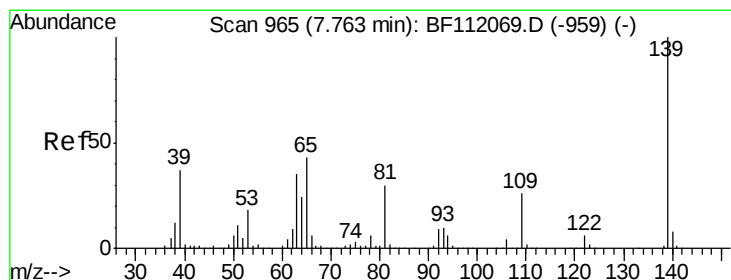
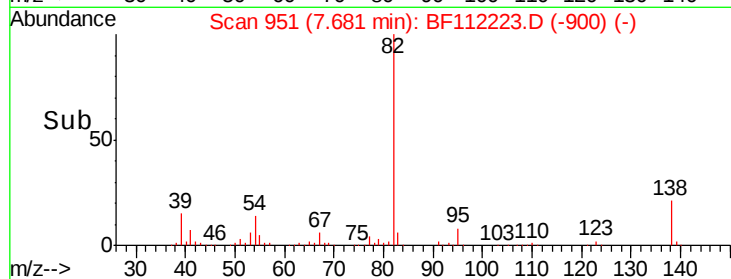
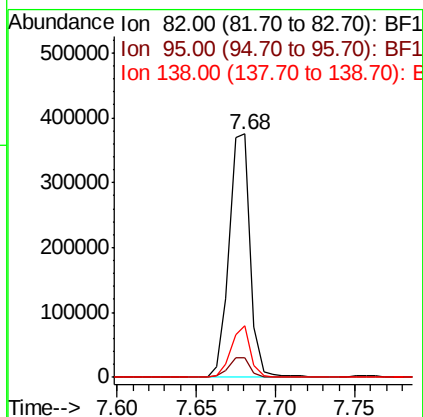
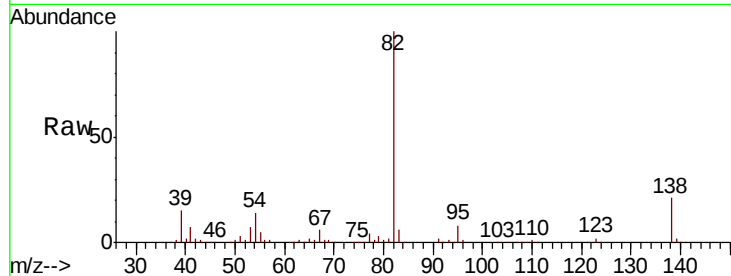




#25
Isophorone
Concen: 22.103 ng
RT: 7.68 min Scan# 951
Delta R.T. 0.00 min
Lab File: BF112223.D
Acq: 24 Jan 2019 21:51

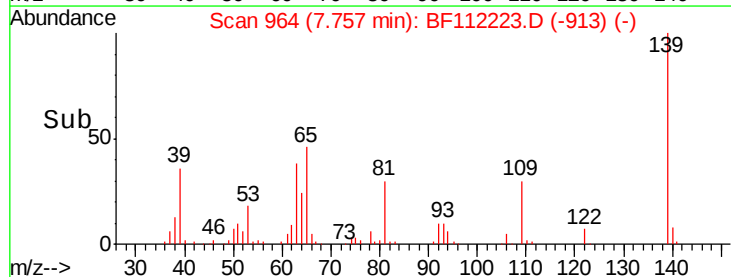
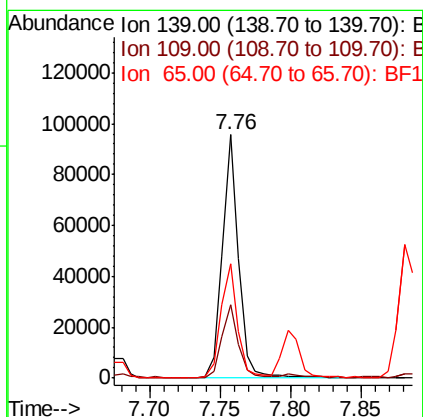
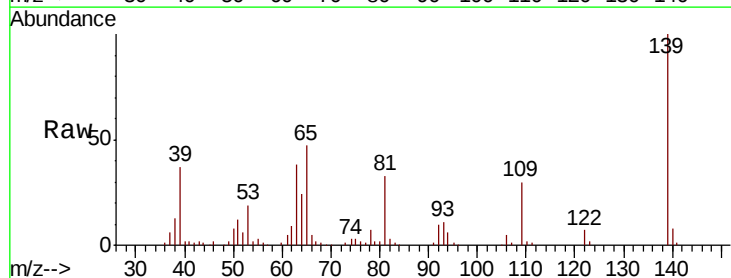
Instrument :
BNA_F
ClientSampleId :
TS-VMS

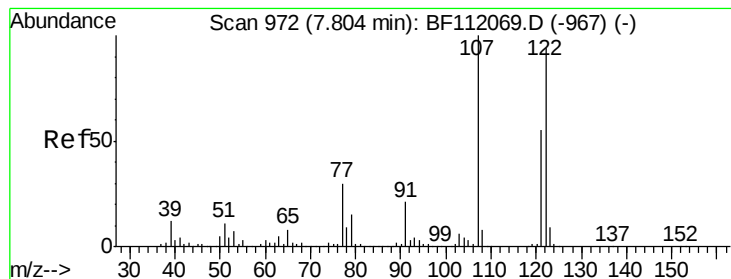
Tgt Ion: 82 Resp: 347149
Ion Ratio Lower Upper
82 100
95 8.2 5.7 8.5
138 21.0 15.4 23.0



#26
2-Nitrophenol
Concen: 20.992 ng
RT: 7.76 min Scan# 964
Delta R.T. 0.00 min
Lab File: BF112223.D
Acq: 24 Jan 2019 21:51

Tgt Ion: 139 Resp: 76872
Ion Ratio Lower Upper
139 100
109 30.2 20.8 31.2
65 47.0 34.4 51.6





#27

2,4-Dimethylphenol

Concen: 22.933 ng

RT: 7.80 min Scan# 971

Delta R.T. 0.00 min

Lab File: BF112223.D

Acq: 24 Jan 2019 21:51

Instrument :

BNA_F

ClientSampleId :

TS-VMS

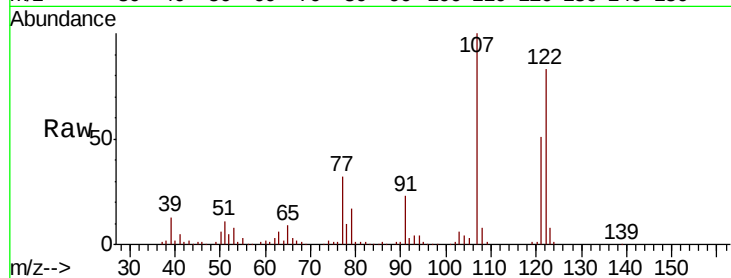
Tgt Ion:122 Resp: 167189

Ion Ratio Lower Upper

122 100

107 120.5 85.4 128.0

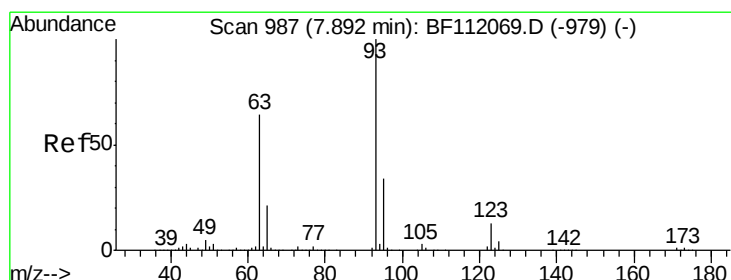
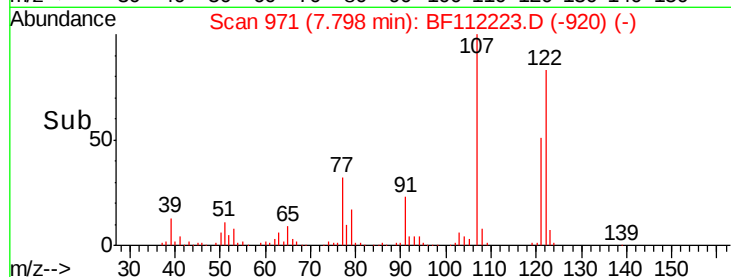
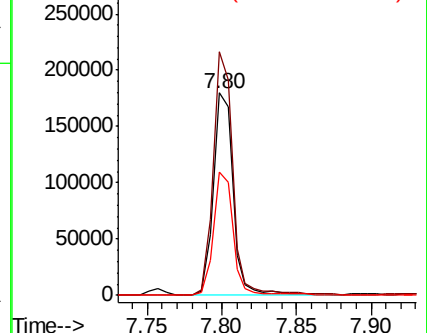
121 61.3 47.0 70.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 20.911 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.01 min

Lab File: BF112223.D

Acq: 24 Jan 2019 21:51

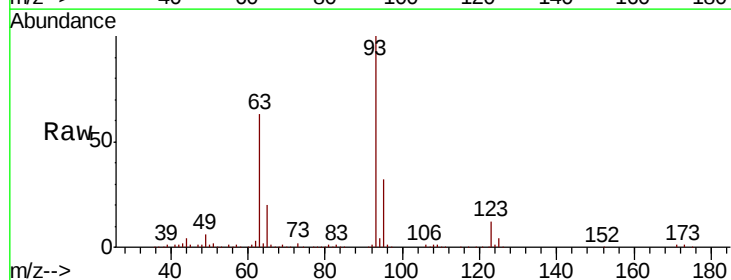
Tgt Ion: 93 Resp: 225286

Ion Ratio Lower Upper

93 100

95 32.3 26.8 40.2

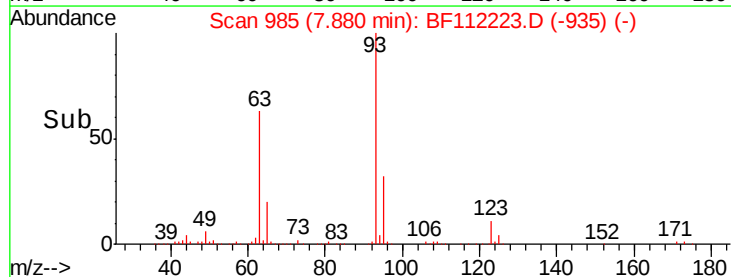
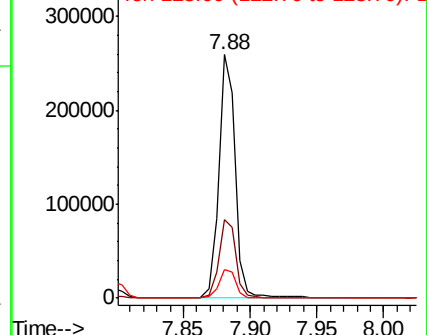
123 11.6 10.2 15.2

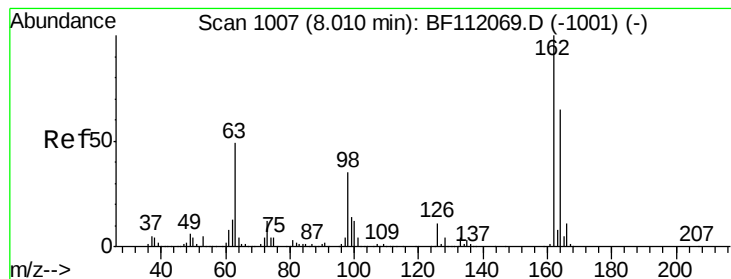


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

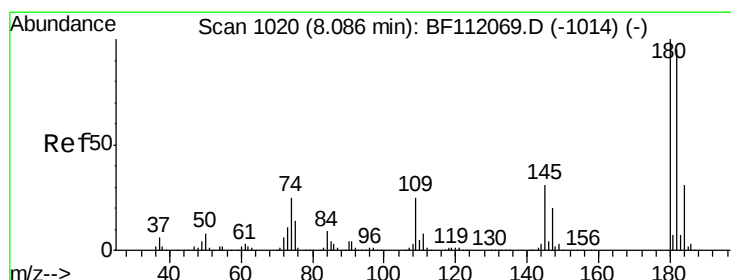
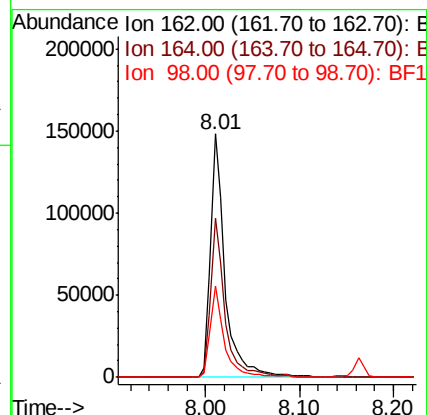
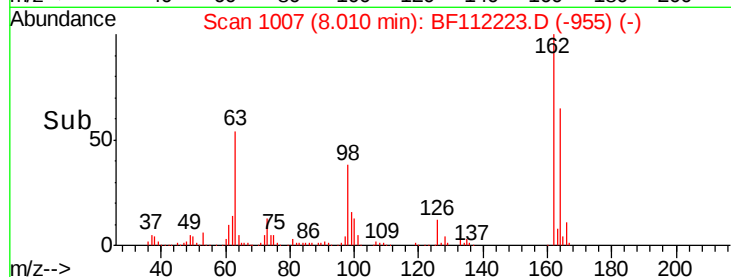
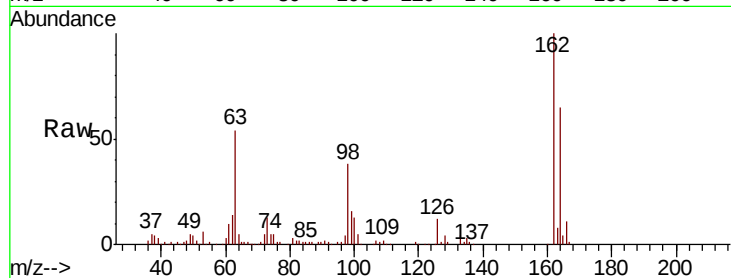




#29
 2,4-Dichlorophenol
 Concen: 20.178 ng
 RT: 8.01 min Scan# 1007
 Delta R.T. 0.01 min
 Lab File: BF112223.D
 Acq: 24 Jan 2019 21:51

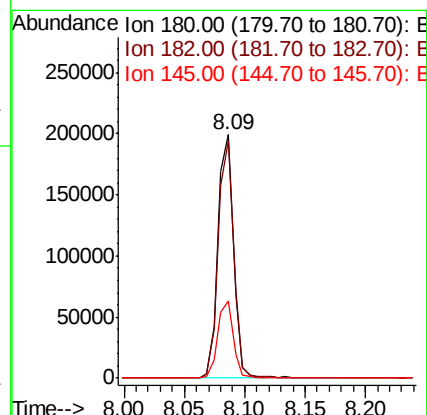
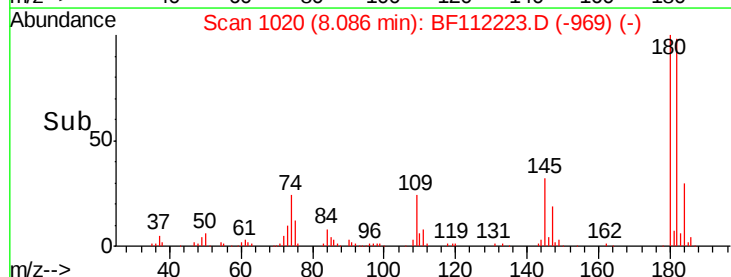
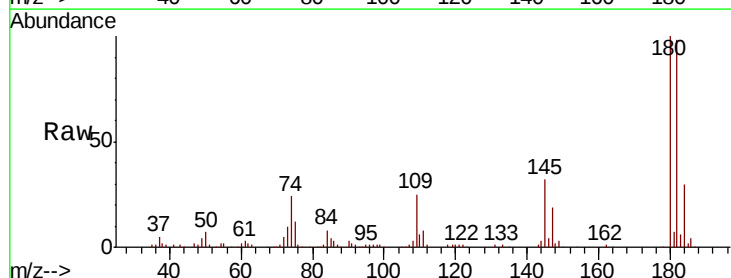
Instrument :
 BNA_F
 ClientSampleId :
 TS-VMS

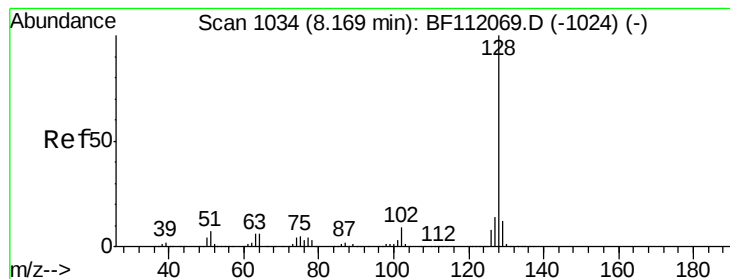
Tgt Ion:	162	Resp:	160697
Ion	Ratio	Lower	Upper
162	100		
164	65.2	44.6	84.6
98	37.7	14.6	54.6



#30
 1,2,4-Trichlorobenzene
 Concen: 19.072 ng
 RT: 8.09 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: BF112223.D
 Acq: 24 Jan 2019 21:51

Tgt Ion:	180	Resp:	176270
Ion	Ratio	Lower	Upper
180	100		
182	97.6	76.4	114.6
145	31.7	25.0	37.4





#31

Naphthalene

Concen: 21.727 ng

RT: 8.16 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BF112223.D

Acq: 24 Jan 2019 21:51

Instrument :

BNA_F

ClientSampleId :

TS-VMS

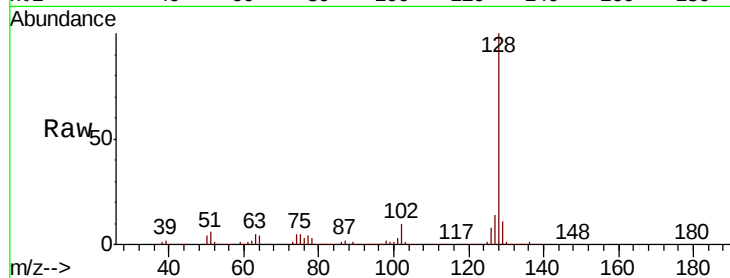
Tgt Ion:128 Resp: 555164

Ion Ratio Lower Upper

128 100

129 11.1 9.6 14.4

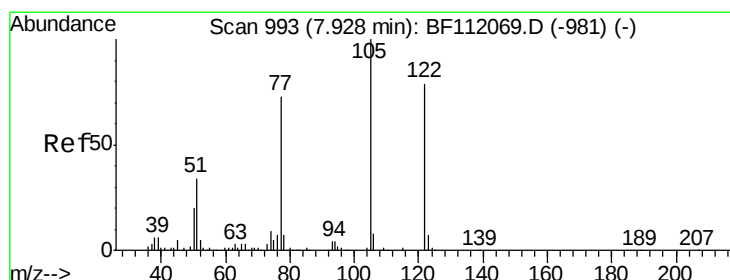
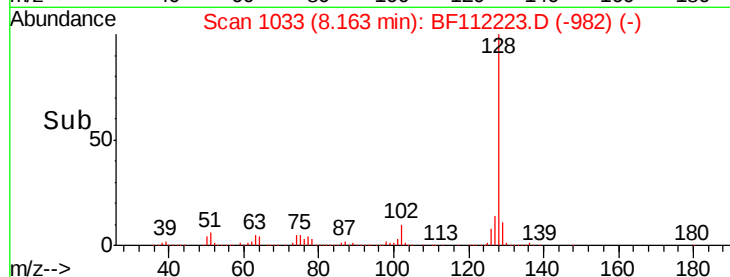
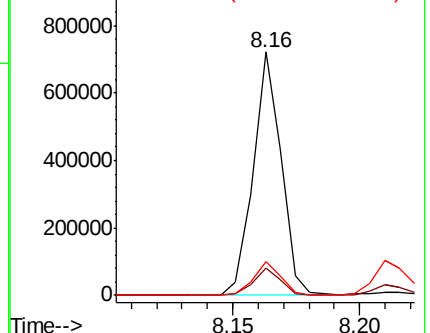
127 13.7 11.1 16.7



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: 49.182 ng

RT: 7.80 min Scan# 971

Delta R.T. -0.14 min

Lab File: BF112223.D

Acq: 24 Jan 2019 21:51

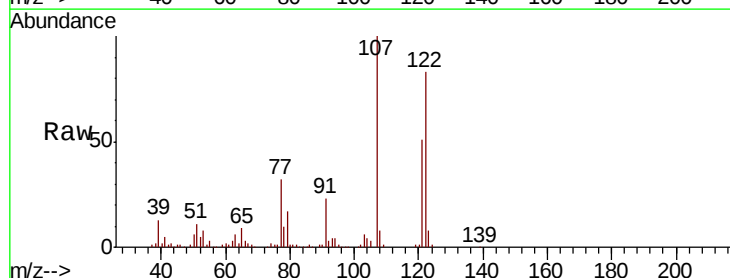
Tgt Ion:122 Resp: 167189

Ion Ratio Lower Upper

122 100

105 4.2 101.2 141.2#

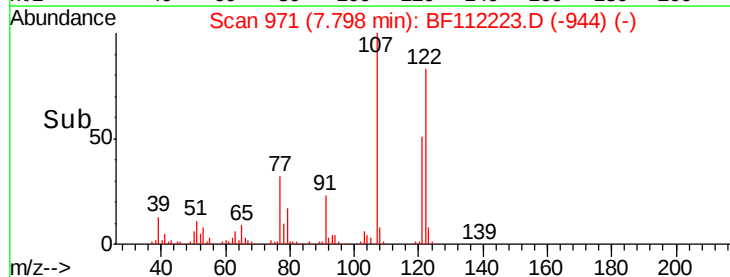
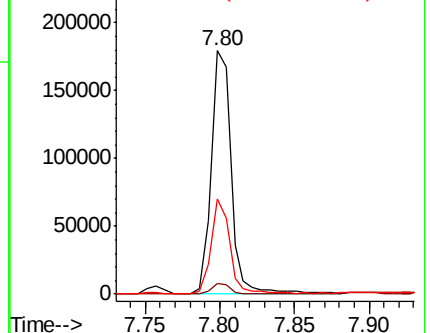
77 38.8 70.4 110.4#

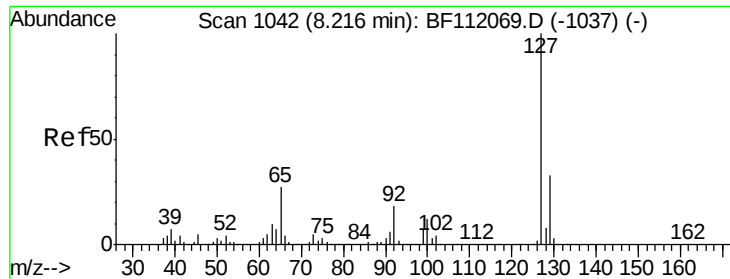


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

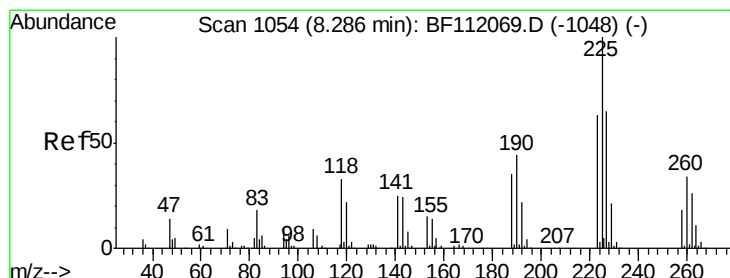
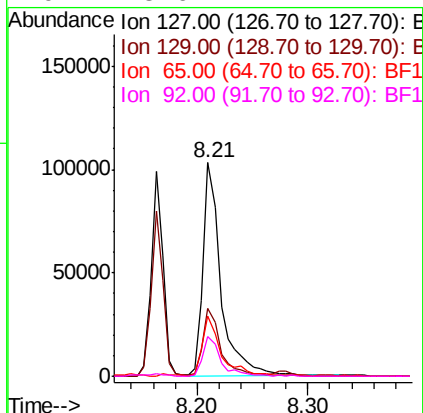
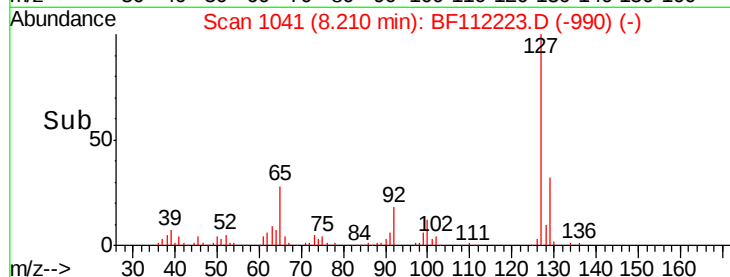
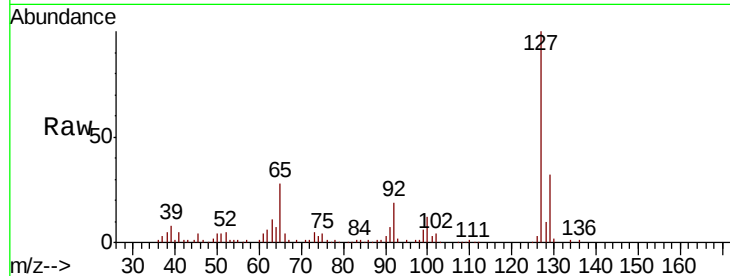




#33
4-Chloroaniline
Concen: 9.859 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF112223.D
Acq: 24 Jan 2019 21:51

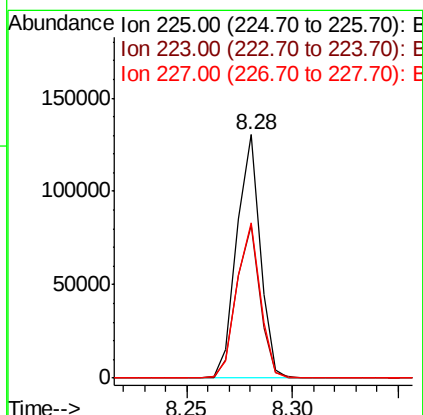
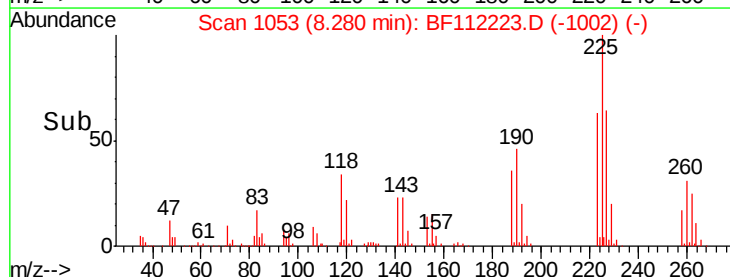
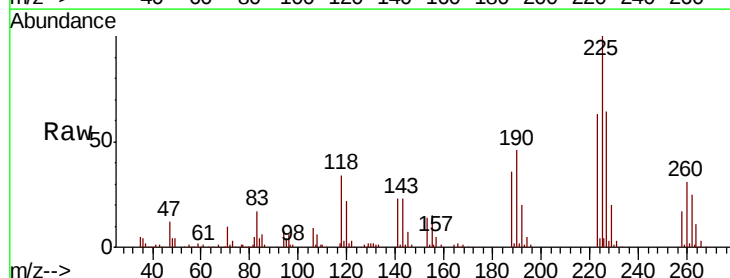
Instrument :
BNA_F
ClientSampleId :
TS-VMS

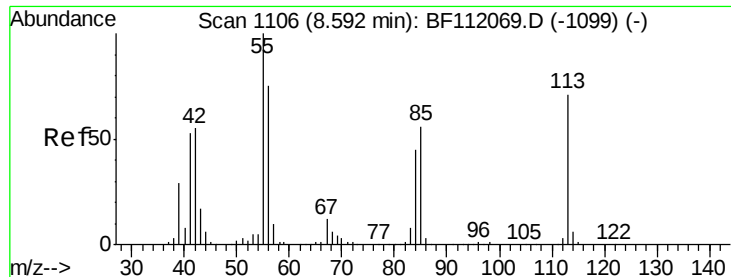
Tgt Ion:	127	Resp:	113219
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.6	39.8
65	28.3	21.4	32.2
92	18.6	14.2	21.2



#34
Hexachlorobutadiene
Concen: 19.390 ng
RT: 8.28 min Scan# 1053
Delta R.T. 0.00 min
Lab File: BF112223.D
Acq: 24 Jan 2019 21:51

Tgt Ion:	225	Resp:	99729
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.3	75.5
227	63.9	51.8	77.8

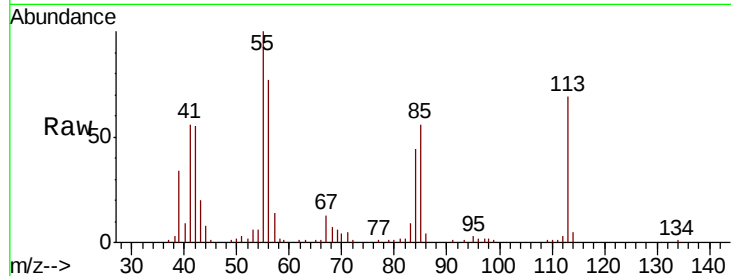




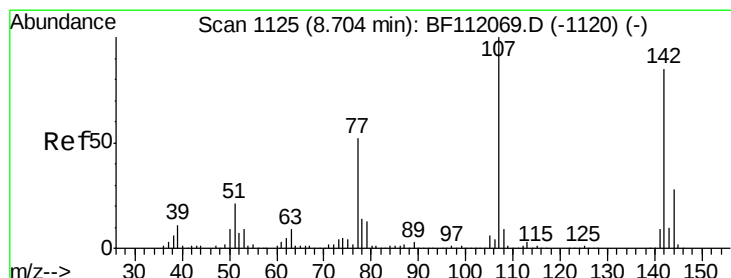
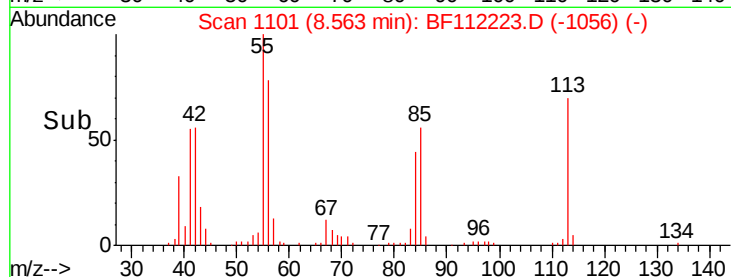
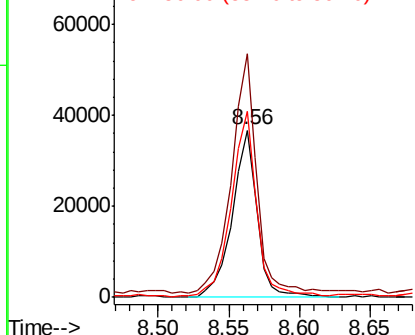
#35
 Caprolactam
 Concen: 16.105 ng
 RT: 8.56 min Scan# 1101
 Delta R.T. -0.04 min
 Lab File: BF112223.D
 Acq: 24 Jan 2019 21:51

Instrument :
 BNA_F
 ClientSampleId :
 TS-VMS

Tgt Ion:113 Resp: 44892
 Ion Ratio Lower Upper
 113 100
 55 145.5 121.6 161.6
 56 111.5 86.7 126.7

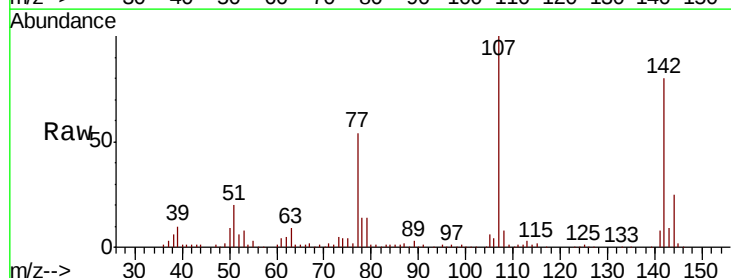


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

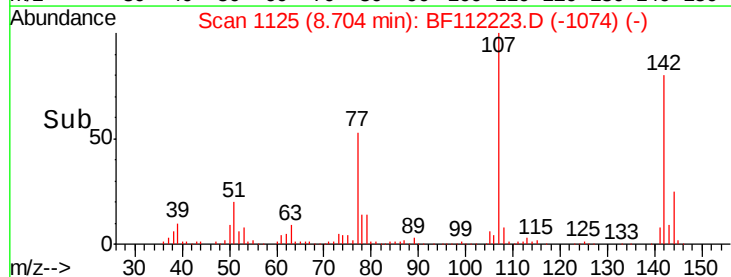
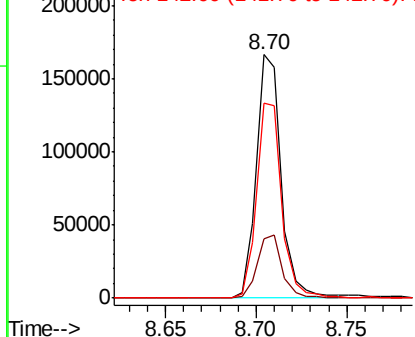


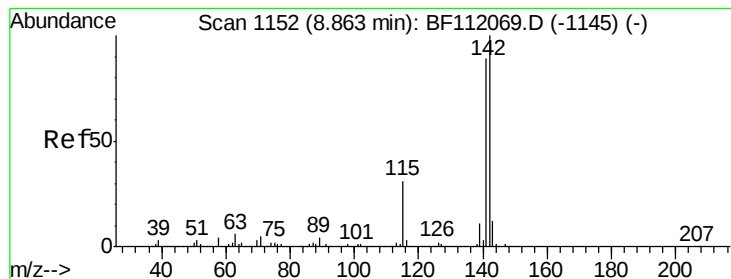
#36
 4-Chloro-3-methylphenol
 Concen: 20.398 ng
 RT: 8.70 min Scan# 1125
 Delta R.T. 0.00 min
 Lab File: BF112223.D
 Acq: 24 Jan 2019 21:51

Tgt Ion:107 Resp: 158665
 Ion Ratio Lower Upper
 107 100
 144 24.6 22.2 33.2
 142 80.3 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: 21.842 ng

RT: 8.86 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF112223.D

Acq: 24 Jan 2019 21:51

Instrument :

BNA_F

ClientSampleId :

TS-VMS

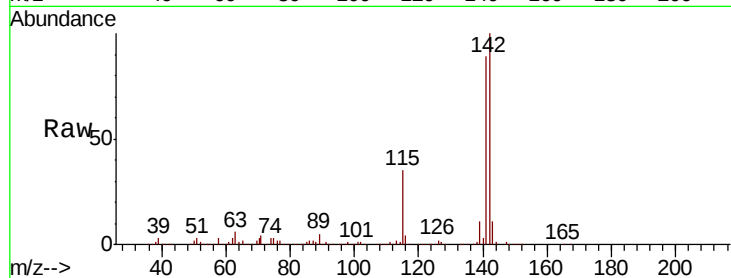
Tgt Ion:142 Resp: 378983

Ion Ratio Lower Upper

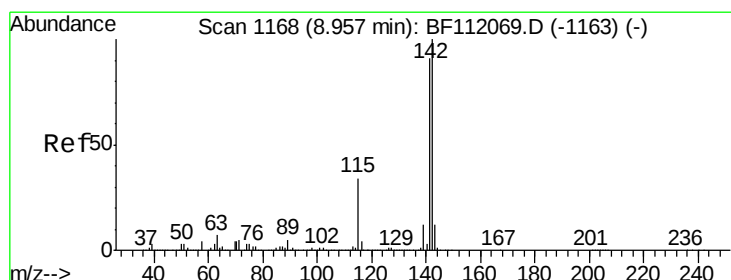
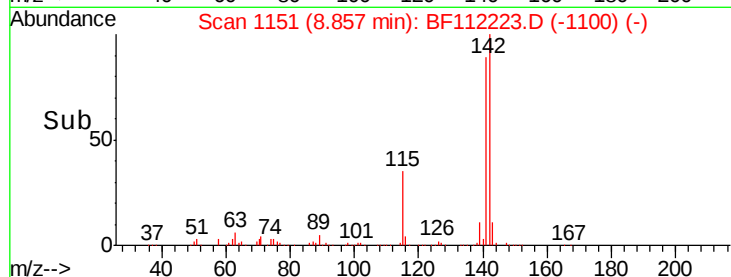
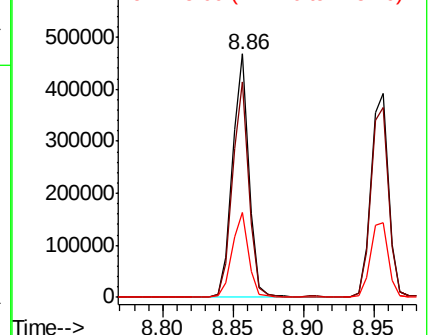
142 100

141 88.6 70.9 106.3

115 34.6 24.9 37.3



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 20.558 ng

RT: 8.96 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BF112223.D

Acq: 24 Jan 2019 21:51

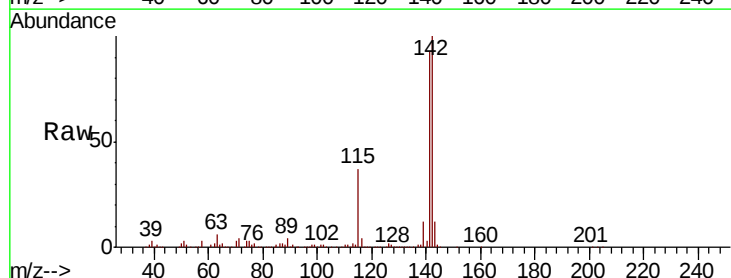
Tgt Ion:142 Resp: 342811

Ion Ratio Lower Upper

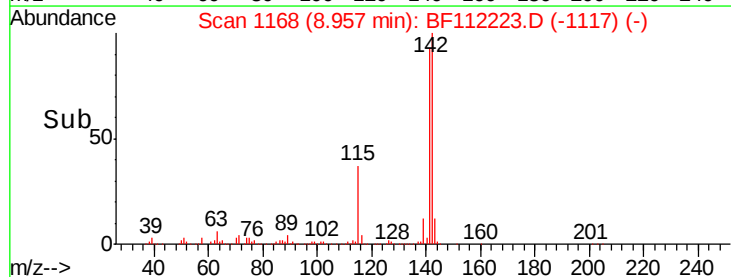
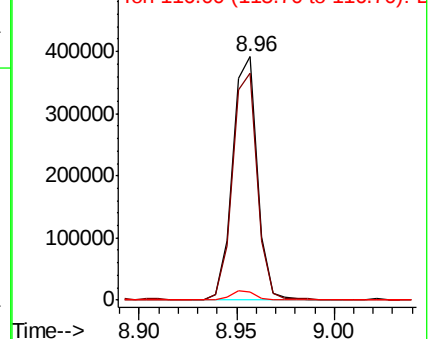
142 100

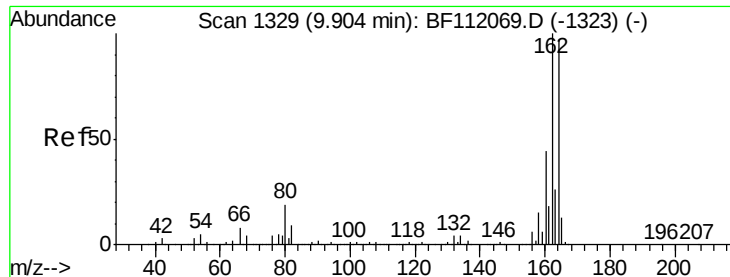
141 93.2 72.6 108.8

116 3.5 2.8 4.2



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1328

Delta R.T. 0.00 min

Lab File: BF112223.D

Acq: 24 Jan 2019 21:51

Instrument :

BNA_F

ClientSampleId :

TS-VMS

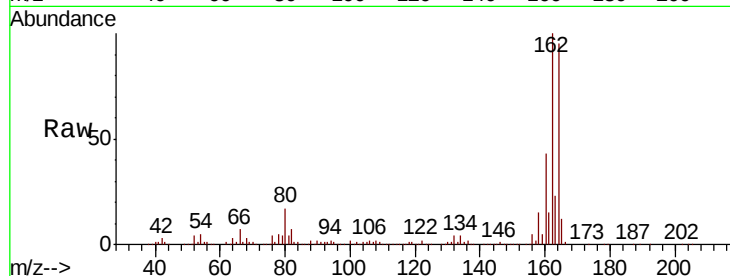
Tgt Ion:164 Resp: 240409

Ion Ratio Lower Upper

164 100

162 105.7 82.2 123.4

160 45.6 36.2 54.4

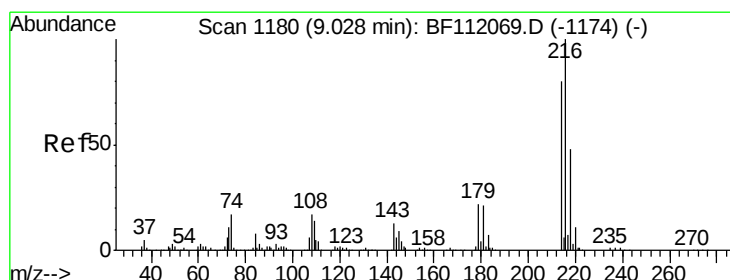
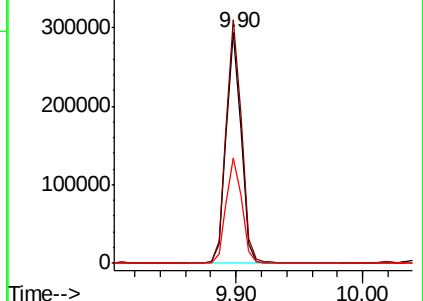
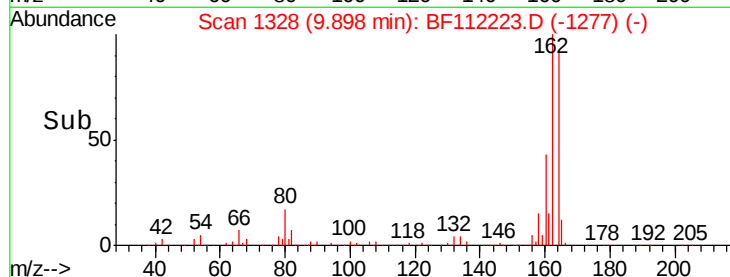


Abundance

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: 20.758 ng

RT: 9.03 min Scan# 1180

Delta R.T. 0.01 min

Lab File: BF112223.D

Acq: 24 Jan 2019 21:51

Tgt Ion:216 Resp: 160249

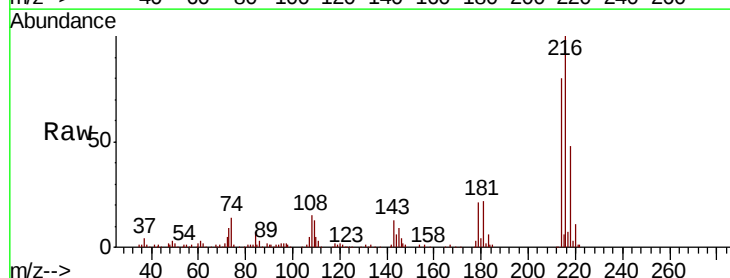
Ion Ratio Lower Upper

216 100

214 80.3 63.8 95.6

179 22.1 16.9 25.3

108 17.9 14.2 21.4



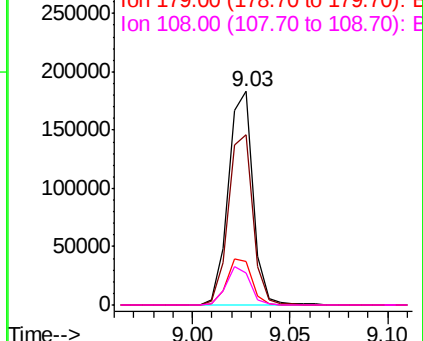
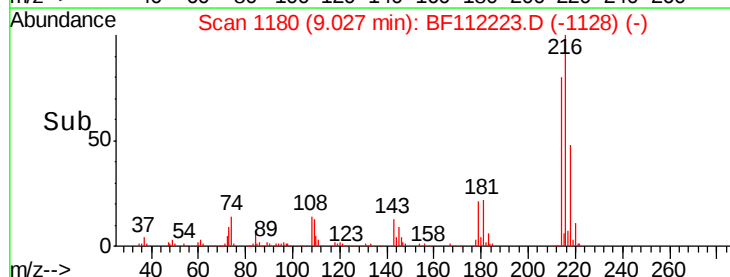
Abundance

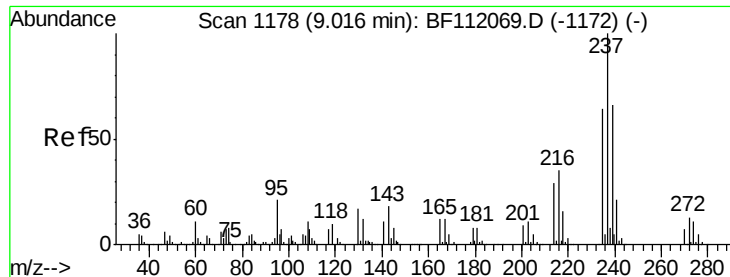
Ion 216.00 (215.70 to 216.70): E

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: 7.958 ng

RT: 9.01 min Scan# 1177

Delta R.T. 0.00 min

Lab File: BF112223.D

Acq: 24 Jan 2019 21:51

Instrument :

BNA_F

ClientSampleId :

TS-VMS

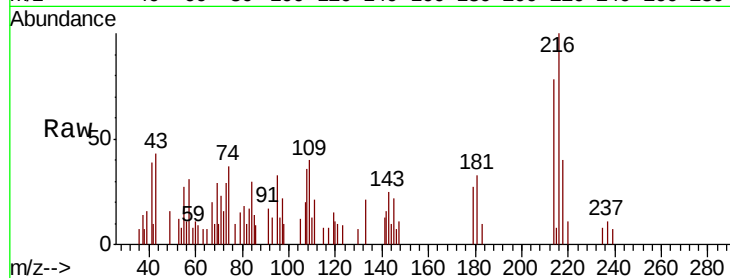
Tgt Ion: 237 Resp: 340

Ion Ratio Lower Upper

237 100

235 70.4 44.0 84.0

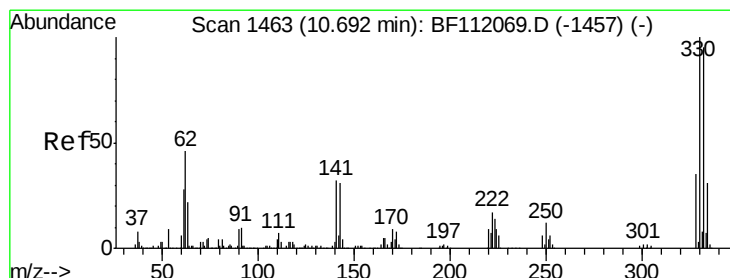
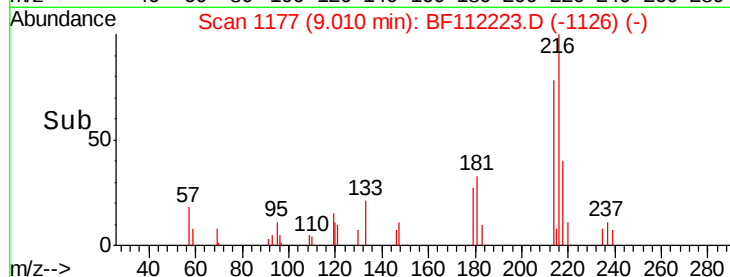
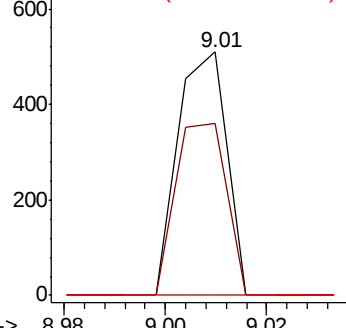
272 0.0 0.0 33.3



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: 58.838 ng

RT: 10.69 min Scan# 1463

Delta R.T. 0.00 min

Lab File: BF112223.D

Acq: 24 Jan 2019 21:51

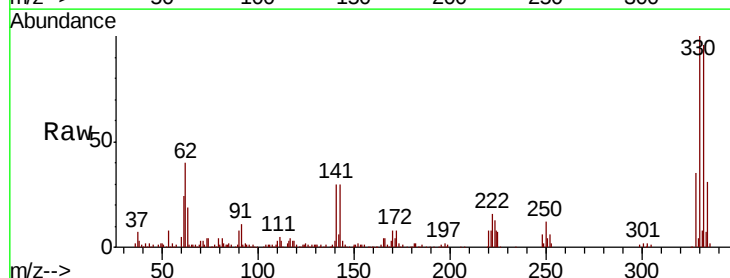
Tgt Ion: 330 Resp: 152595

Ion Ratio Lower Upper

330 100

332 96.0 76.6 114.8

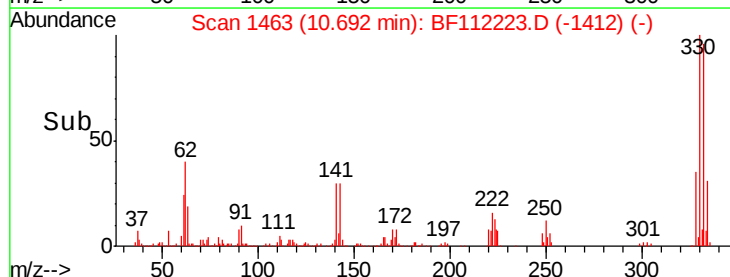
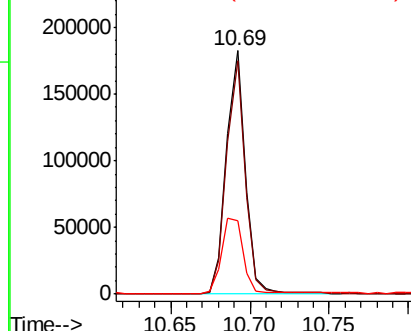
141 34.8 24.3 36.5

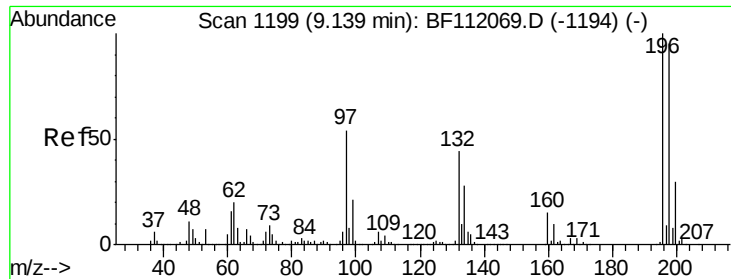


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

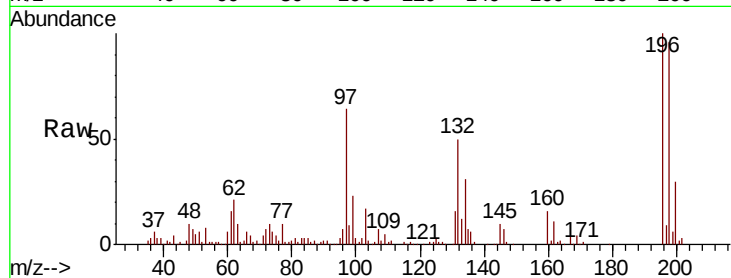




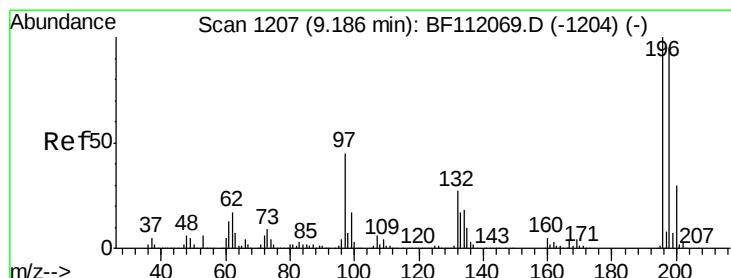
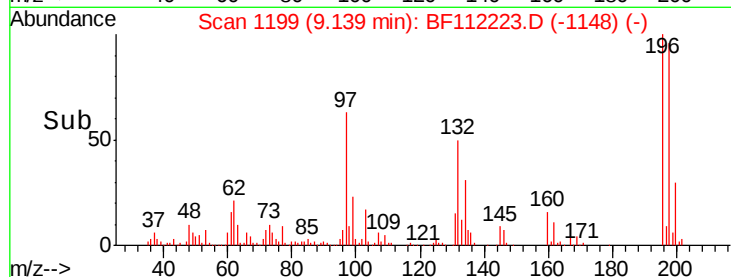
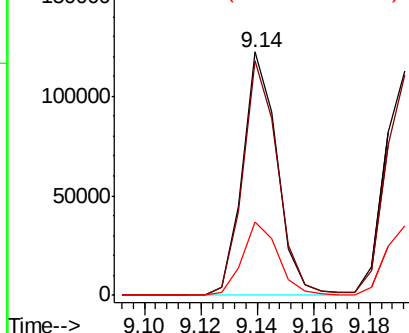
#43
 2,4,6-Trichlorophenol
 Concen: 22.569 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BF112223.D
 Acq: 24 Jan 2019 21:51

Instrument :
 BNA_F
 ClientSampled :
 TS-VMS

Tgt Ion:196 Resp: 104229
 Ion Ratio Lower Upper
 196 100
 198 96.4 76.2 114.4
 200 30.0 24.3 36.5

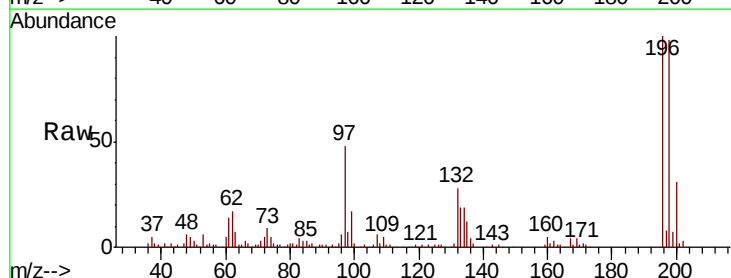


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

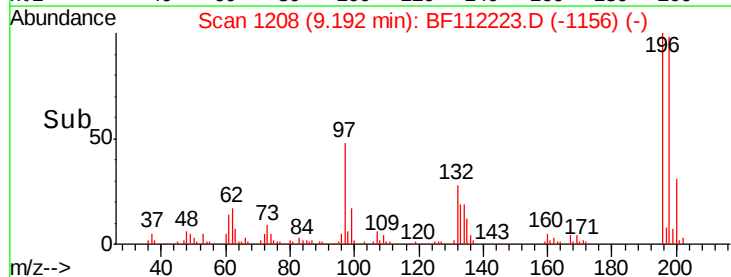
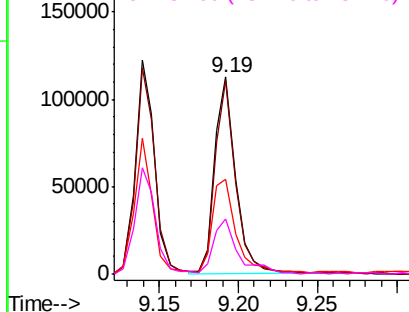


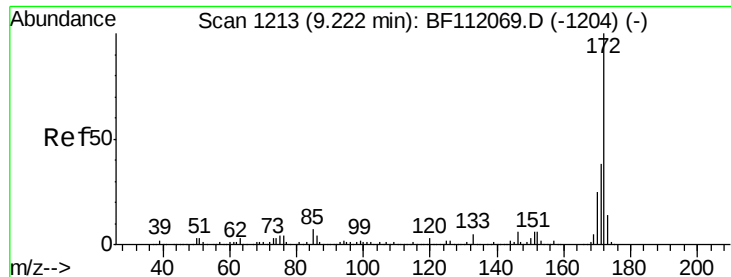
#44
 2,4,5-Trichlorophenol
 Concen: 21.279 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.01 min
 Lab File: BF112223.D
 Acq: 24 Jan 2019 21:51

Tgt Ion:196 Resp: 104665
 Ion Ratio Lower Upper
 196 100
 198 98.3 76.0 114.0
 97 48.1 36.4 54.6
 132 28.1 21.5 32.3



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





#45

2-Fluorobiphenyl

Concen: 43.389 ng

RT: 9.22 min Scan# 1212

Delta R.T. 0.00 min

Lab File: BF112223.D

Acq: 24 Jan 2019 21:51

Instrument :

BNA_F

ClientSampleId :

TS-VMS

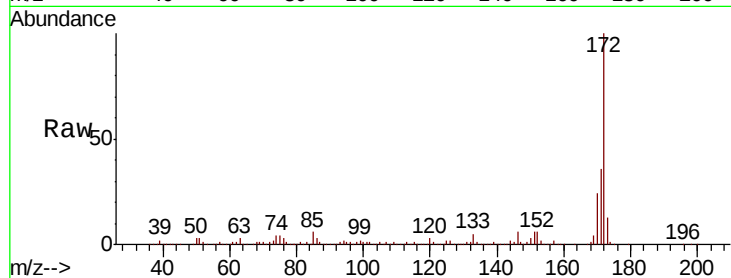
Tgt Ion:172 Resp: 711477

Ion Ratio Lower Upper

172 100

171 36.4 30.5 45.7

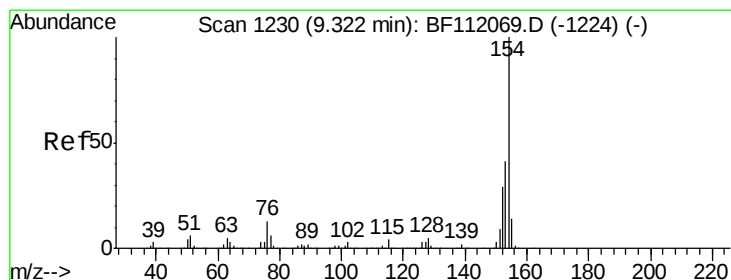
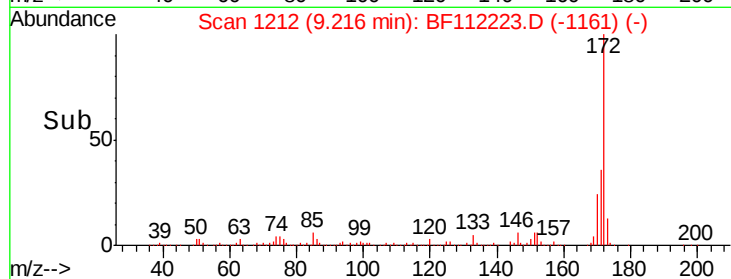
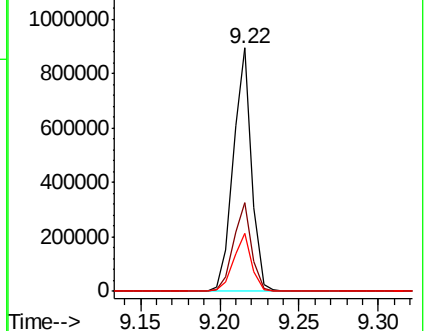
170 23.7 20.2 30.4



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 21.470 ng

RT: 9.32 min Scan# 1229

Delta R.T. -0.01 min

Lab File: BF112223.D

Acq: 24 Jan 2019 21:51

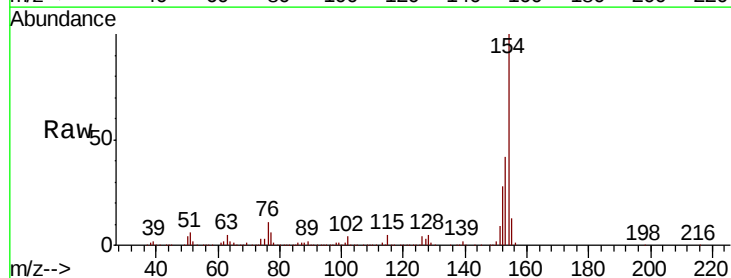
Tgt Ion:154 Resp: 431604

Ion Ratio Lower Upper

154 100

153 41.7 21.5 61.5

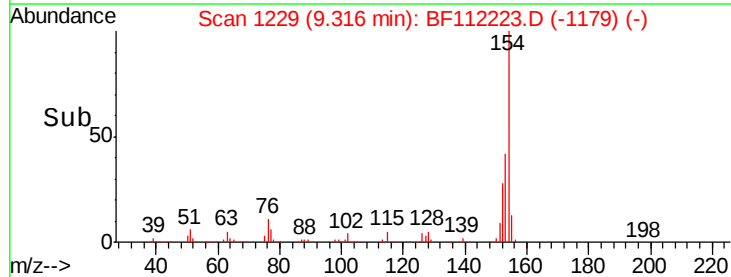
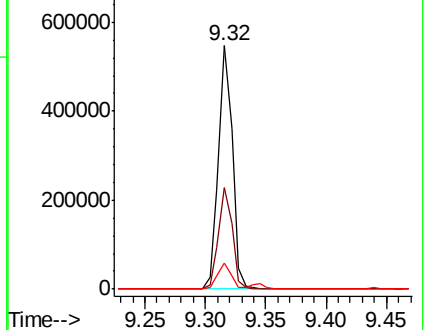
76 10.7 0.0 33.1

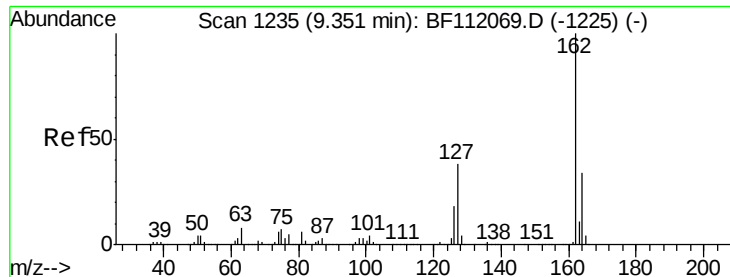


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

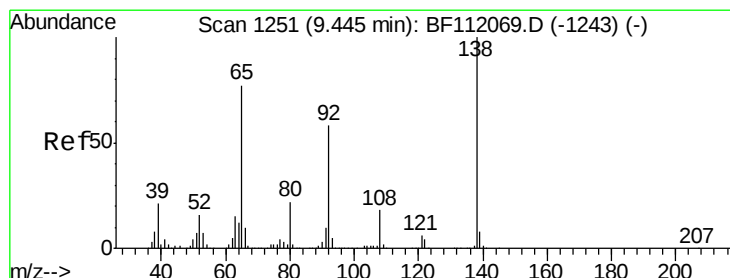
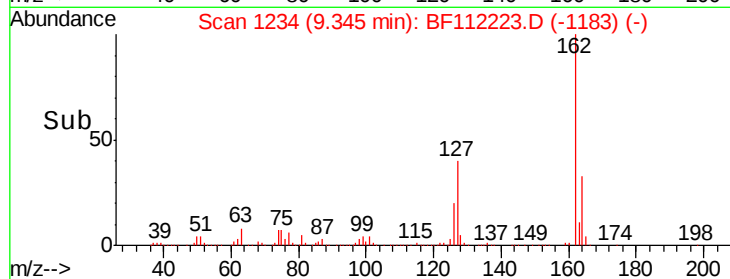
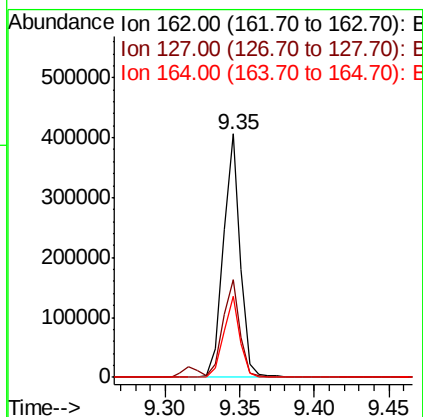
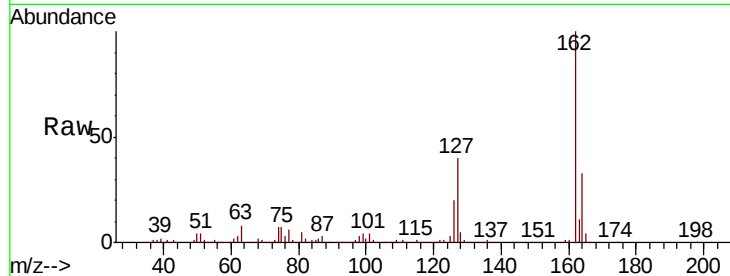




#47
 2-Chloronaphthalene
 Concen: 20.640 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. 0.00 min
 Lab File: BF112223.D
 Acq: 24 Jan 2019 21:51

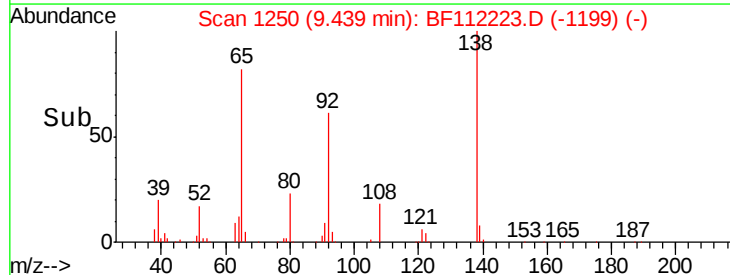
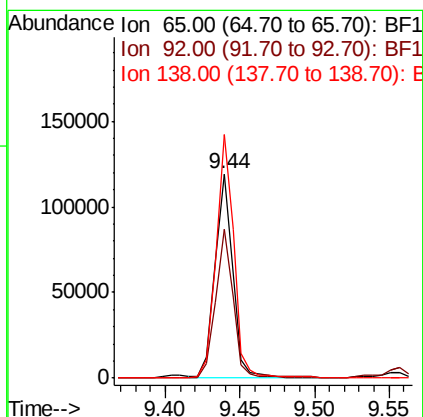
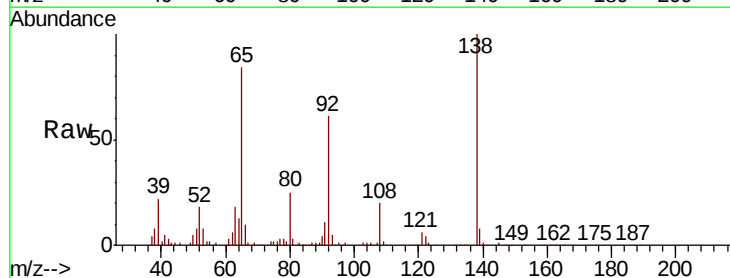
Instrument :
 BNA_F
 ClientSampleId :
 TS-VMS

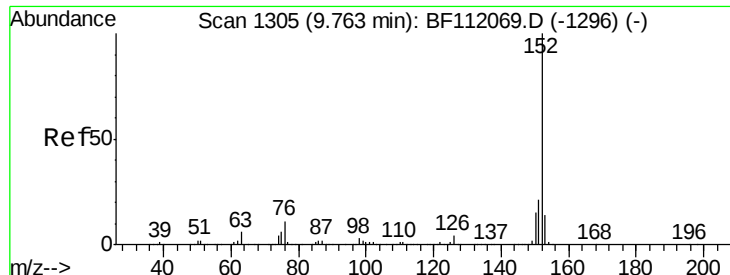
Tgt Ion:	162	Resp:	324782
Ion	Ratio	Lower	Upper
162	100		
127	40.2	30.4	45.6
164	33.3	27.4	41.2



#48
 2-Nitroaniline
 Concen: 27.670 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. 0.00 min
 Lab File: BF112223.D
 Acq: 24 Jan 2019 21:51

Tgt Ion:	65	Resp:	98072
Ion	Ratio	Lower	Upper
65	100		
92	72.8	60.4	90.6
138	119.3	104.4	156.6





#49

Acenaphthylene

Concen: 21.575 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF112223.D

Acq: 24 Jan 2019 21:51

Instrument :

BNA_F

ClientSampleId :

TS-VMS

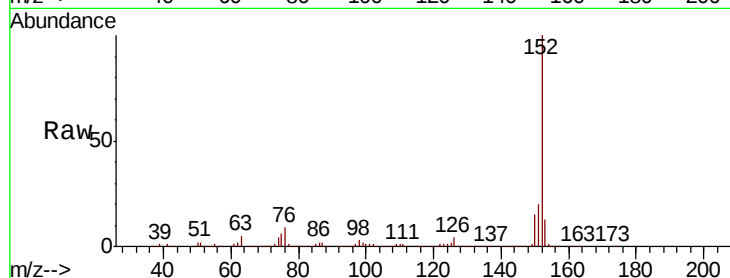
Tgt Ion:152 Resp: 495415

Ion Ratio Lower Upper

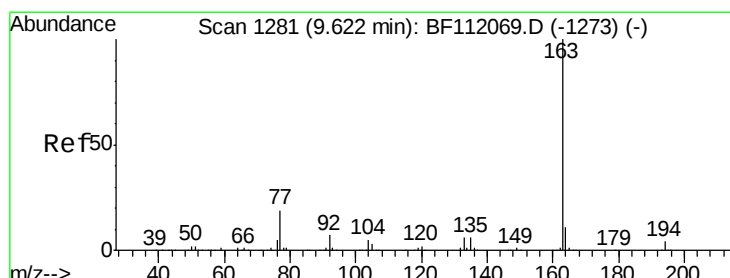
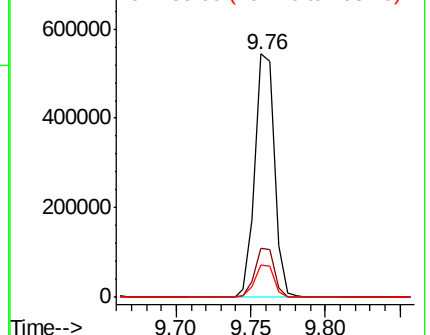
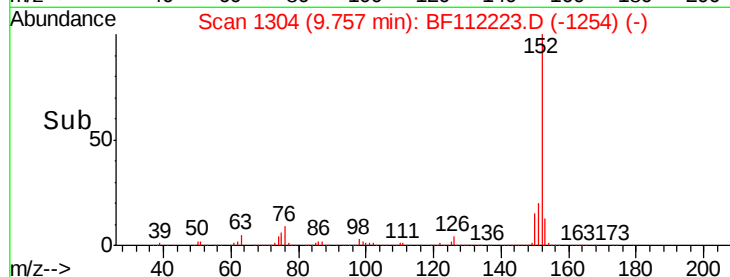
152 100

151 20.3 17.0 25.6

153 13.5 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: 27.670 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.01 min

Lab File: BF112223.D

Acq: 24 Jan 2019 21:51

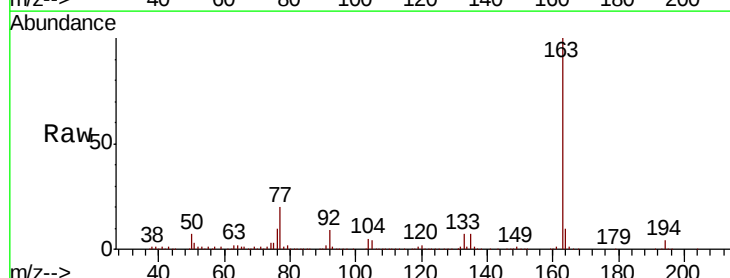
Tgt Ion:163 Resp: 485129

Ion Ratio Lower Upper

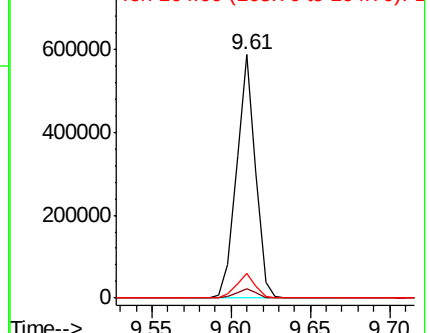
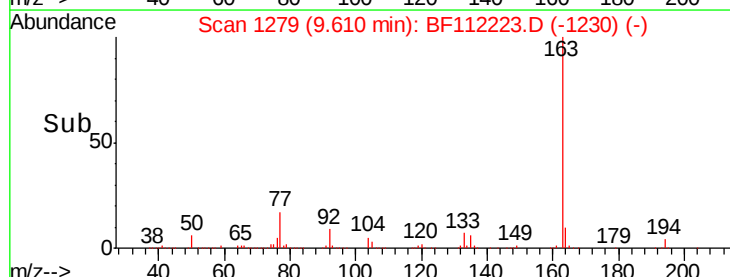
163 100

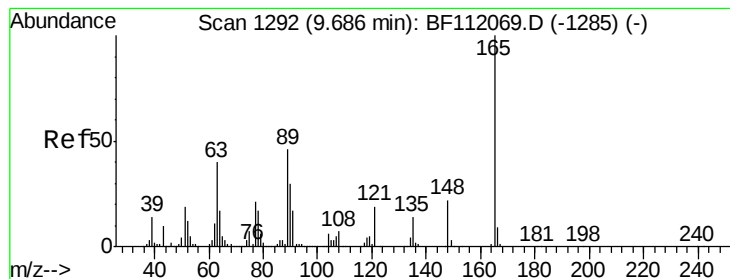
194 3.8 3.3 4.9

164 10.2 8.5 12.7



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





#51

2,6-Dinitrotoluene

Concen: 20.544 ng

RT: 9.68 min Scan# 1291

Delta R.T. 0.00 min

Lab File: BF112223.D

Acq: 24 Jan 2019 21:51

Instrument :

BNA_F

ClientSampleId :

TS-VMS

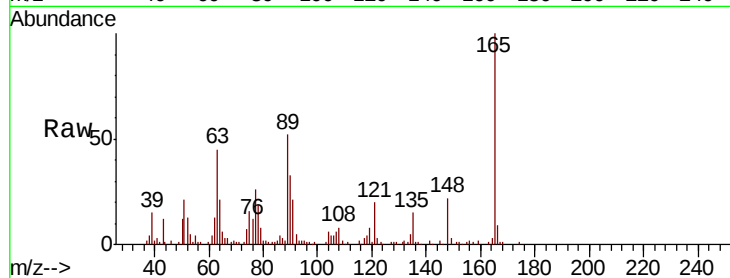
Tgt Ion:165 Resp: 71930

Ion Ratio Lower Upper

165 100

63 44.9 33.8 50.8

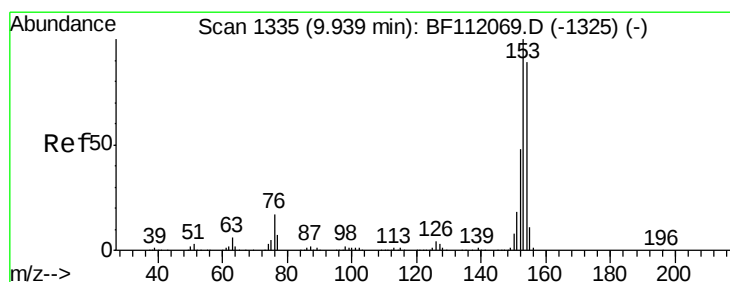
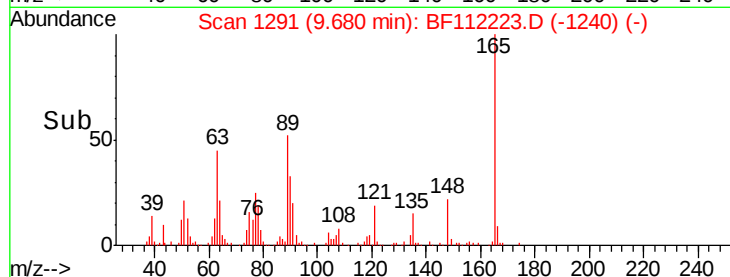
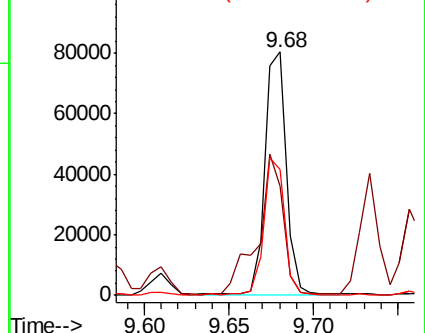
89 51.5 36.9 55.3



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: 20.943 ng

RT: 9.93 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BF112223.D

Acq: 24 Jan 2019 21:51

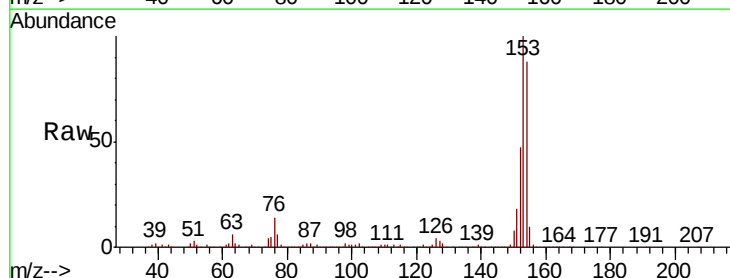
Tgt Ion:154 Resp: 294232

Ion Ratio Lower Upper

154 100

153 113.2 89.8 134.6

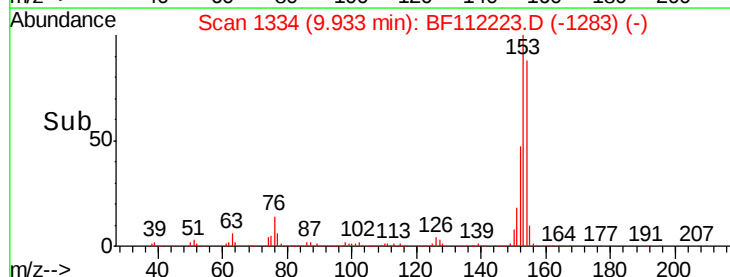
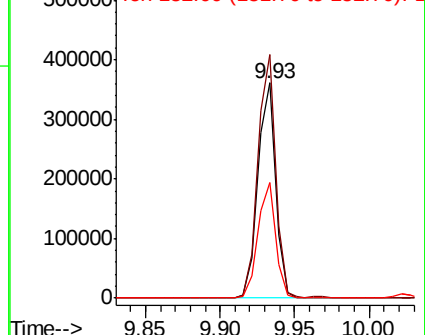
152 53.7 43.5 65.3

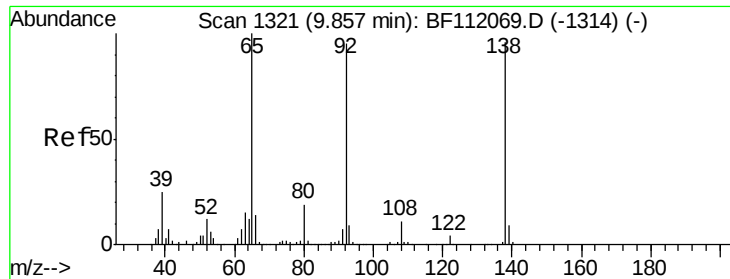


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

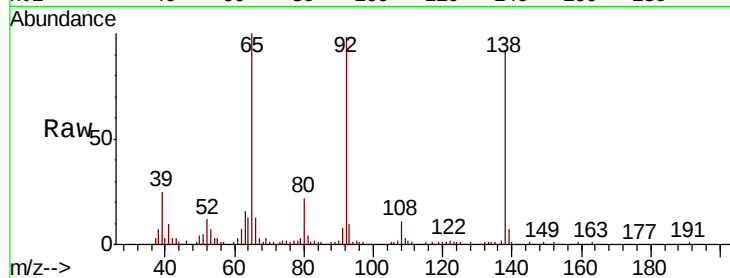




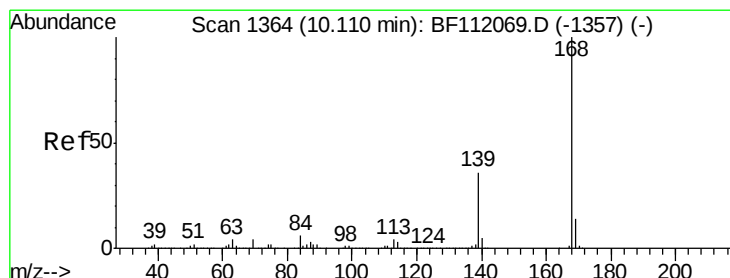
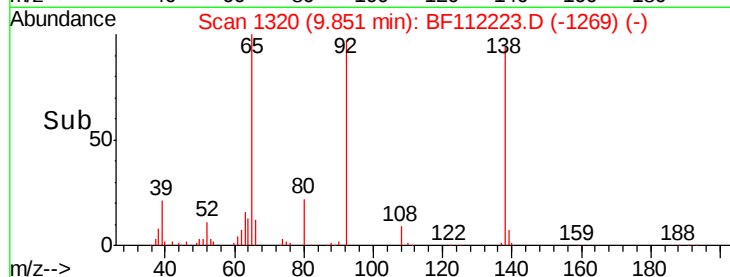
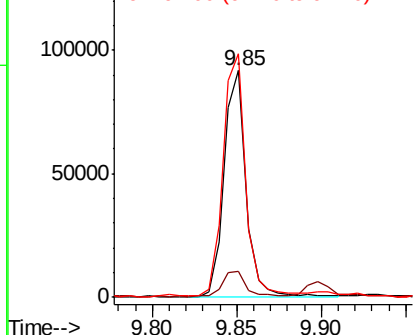
#53
3-Nitroaniline
Concen: 21.493 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF112223.D
Acq: 24 Jan 2019 21:51

Instrument :
BNA_F
ClientSampleId :
TS-VMS

Tgt Ion:138 Resp: 84153
Ion Ratio Lower Upper
138 100
108 11.7 9.8 14.6
92 107.3 79.4 119.2

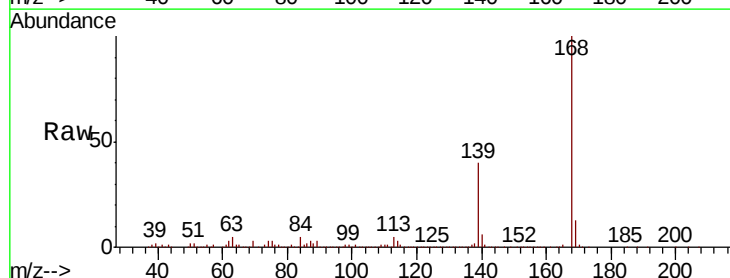


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

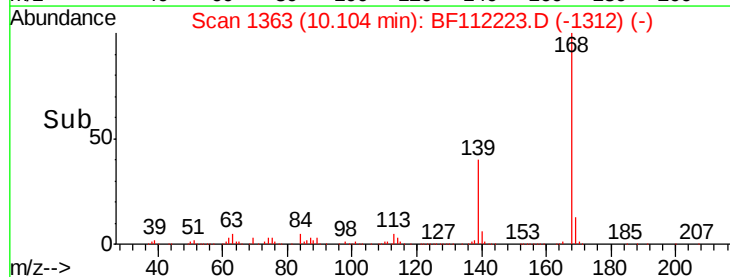
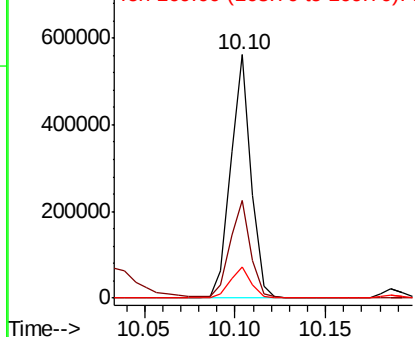


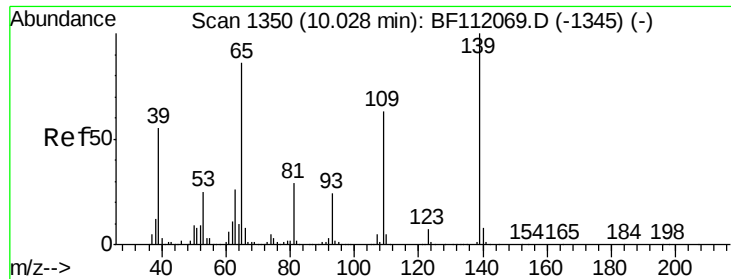
#55
Dibenzofuran
Concen: 20.616 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BF112223.D
Acq: 24 Jan 2019 21:51

Tgt Ion:168 Resp: 438027
Ion Ratio Lower Upper
168 100
139 40.2 29.2 43.8
169 13.0 11.4 17.0



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

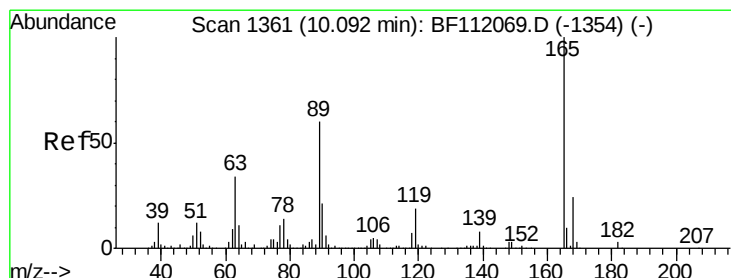
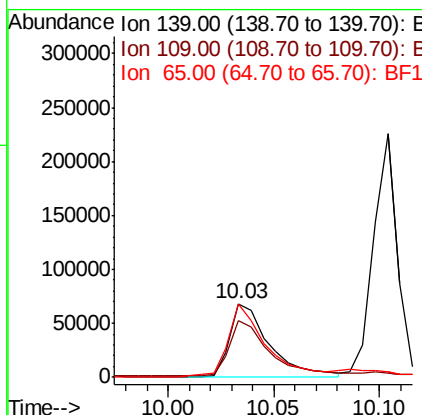
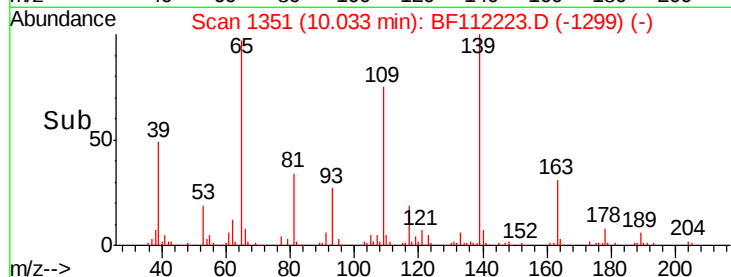
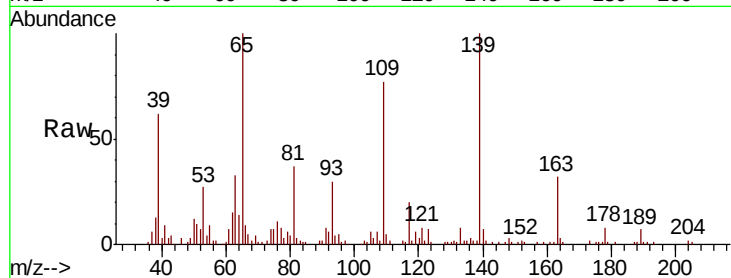




#56
4-Nitrophenol
Concen: 35.351 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF112223.D
Acq: 24 Jan 2019 21:51

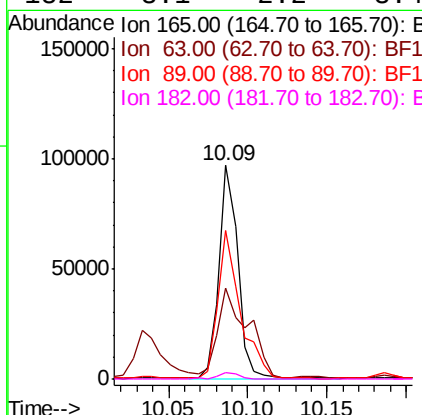
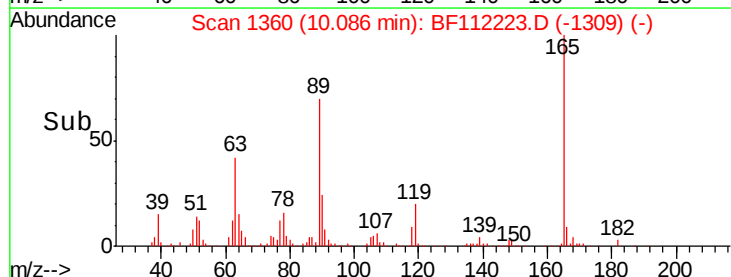
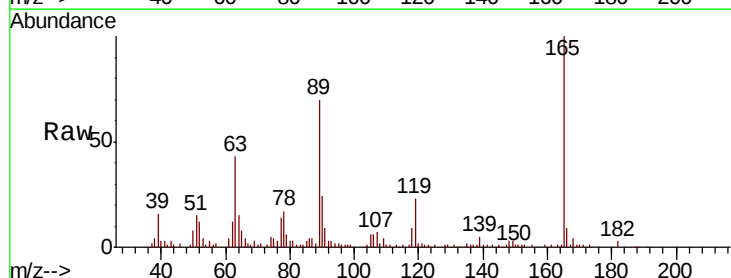
Instrument :
BNA_F
ClientSampleId :
TS-VMS

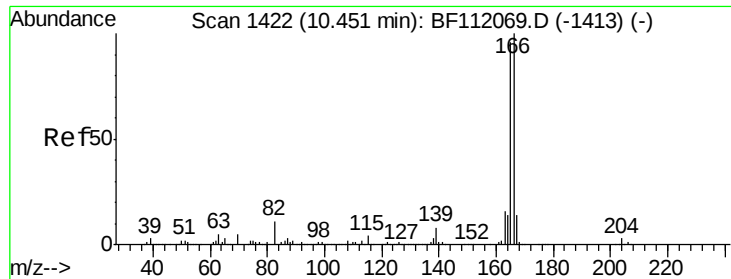
Tgt Ion:139 Resp: 89422
Ion Ratio Lower Upper
139 100
109 76.9 42.8 82.8
65 99.5 66.1 106.1



#57
2,4-Dinitrotoluene
Concen: 21.000 ng
RT: 10.09 min Scan# 1360
Delta R.T. 0.00 min
Lab File: BF112223.D
Acq: 24 Jan 2019 21:51

Tgt Ion:165 Resp: 81583
Ion Ratio Lower Upper
165 100
63 42.7 27.9 41.9#
89 69.5 47.9 71.9
182 3.1 2.2 3.4





#58

Fluorene

Concen: 21.269 ng

RT: 10.45 min Scan# 1421

Delta R.T. 0.00 min

Lab File: BF112223.D

Acq: 24 Jan 2019 21:51

Instrument :

BNA_F

ClientSampleId :

TS-VMS

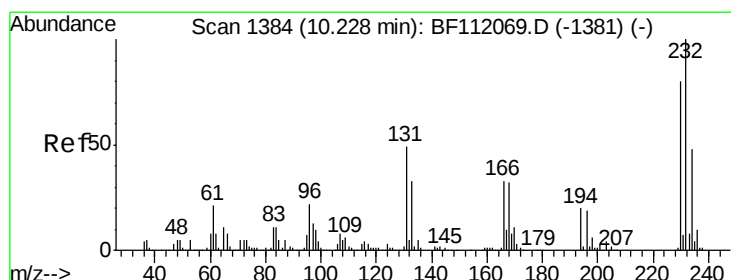
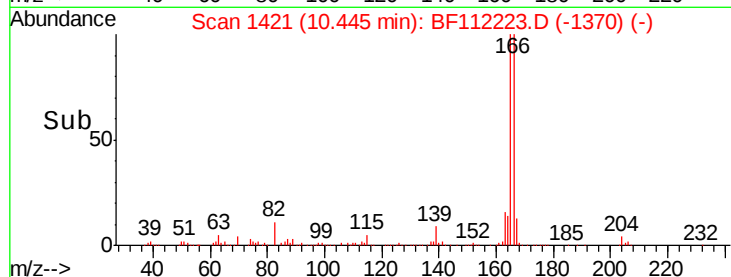
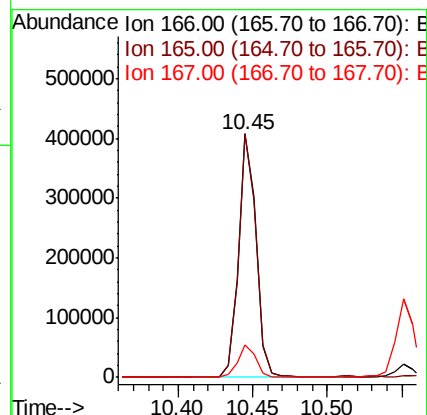
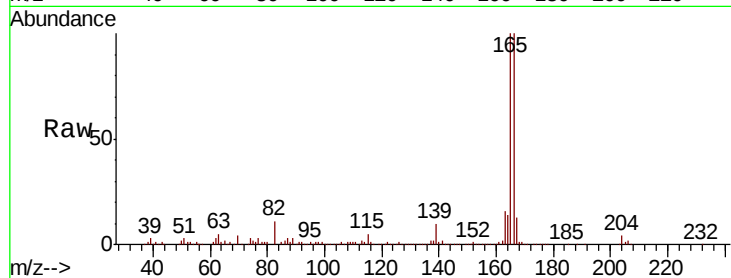
Tgt Ion:166 Resp: 337629

Ion Ratio Lower Upper

166 100

165 99.9 77.1 115.7

167 13.1 11.3 16.9



#59

2,3,4,6-Tetrachlorophenol

Concen: 20.396 ng

RT: 10.23 min Scan# 1385

Delta R.T. 0.01 min

Lab File: BF112223.D

Acq: 24 Jan 2019 21:51

Tgt Ion:232 Resp: 75702

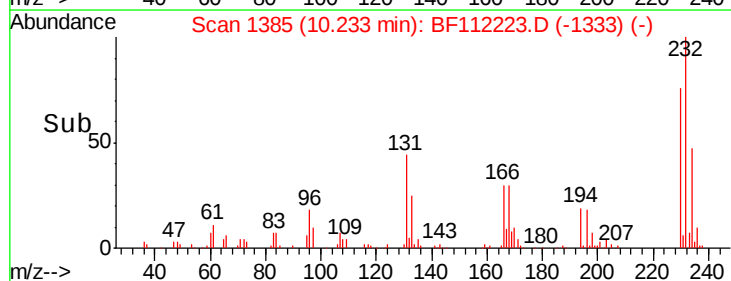
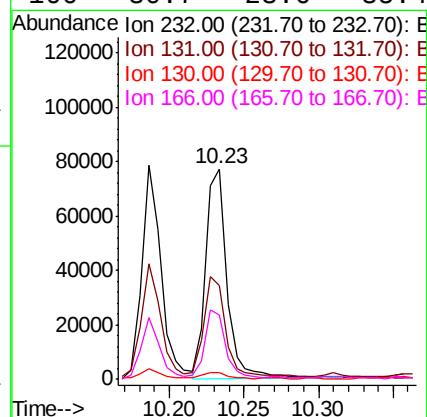
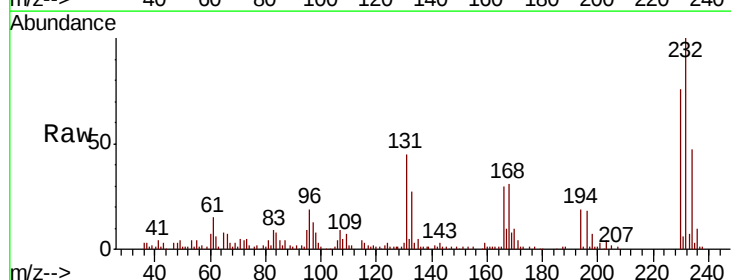
Ion Ratio Lower Upper

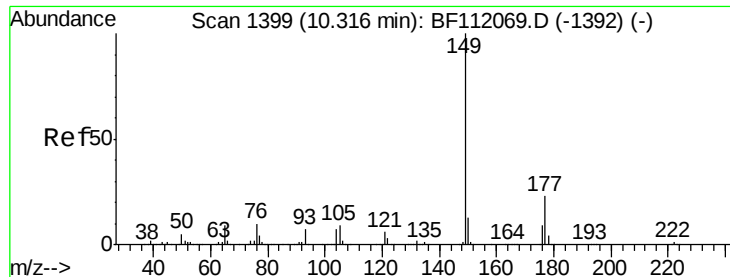
232 100

131 48.6 33.9 50.9

130 3.4 1.8 2.6#

166 30.7 23.6 35.4

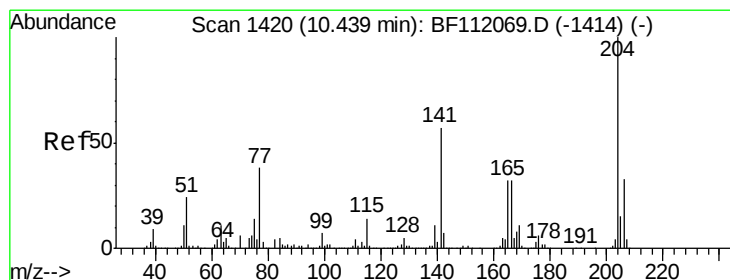
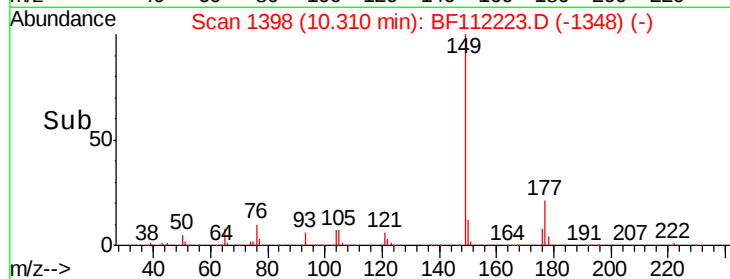
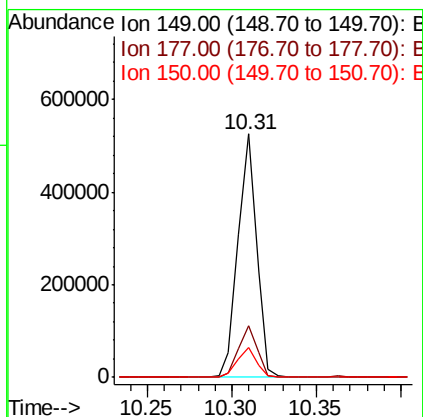
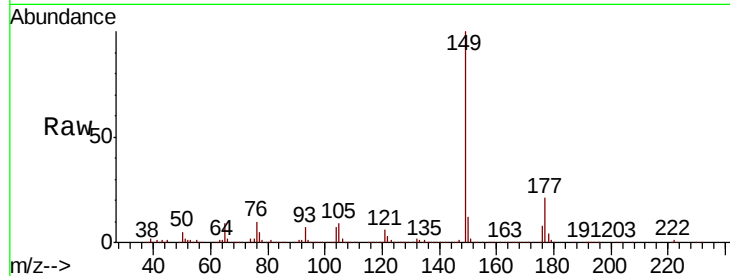




#60
Diethylphthalate
Concen: 23.558 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF112223.D
Acq: 24 Jan 2019 21:51

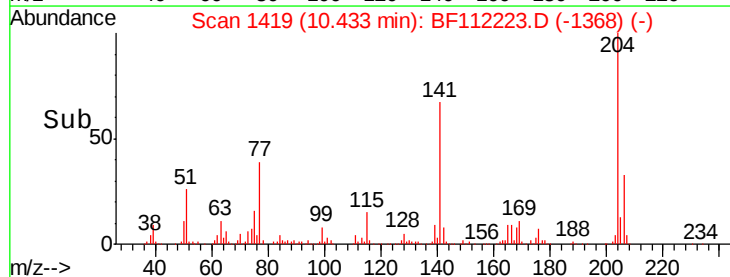
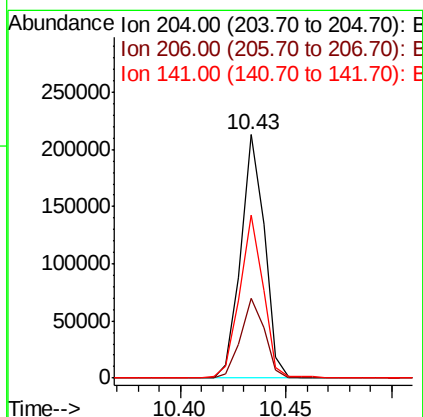
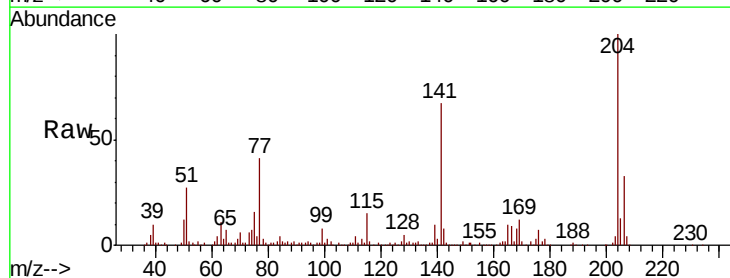
Instrument :
BNA_F
ClientSampleId :
TS-VMS

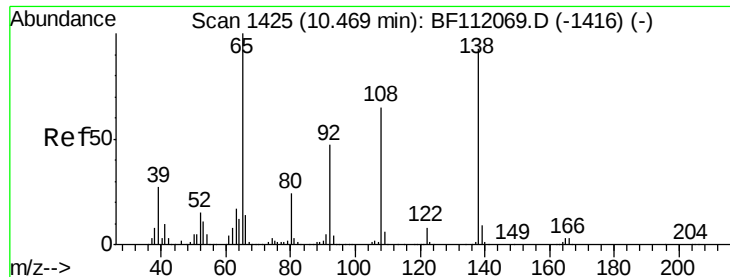
Tgt Ion:149 Resp: 403168
Ion Ratio Lower Upper
149 100
177 21.5 18.2 27.2
150 12.1 10.4 15.6



#61
4-Chlorophenyl-phenylether
Concen: 19.323 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF112223.D
Acq: 24 Jan 2019 21:51

Tgt Ion:204 Resp: 165519
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 67.0 45.9 68.9





#62

4-Nitroaniline

Concen: 24.221 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.01 min

Lab File: BF112223.D

Acq: 24 Jan 2019 21:51

Instrument :

BNA_F

ClientSampleId :

TS-VMS

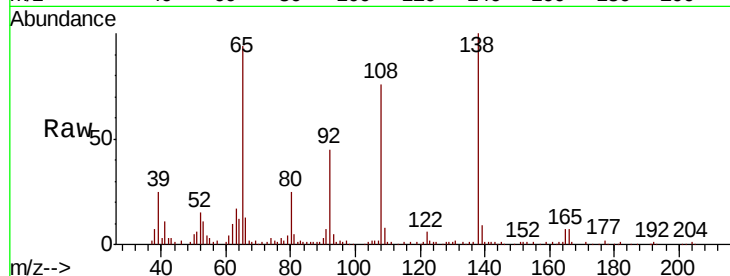
Tgt Ion:138 Resp: 94167

Ion Ratio Lower Upper

138 100

92 45.2 30.6 70.6

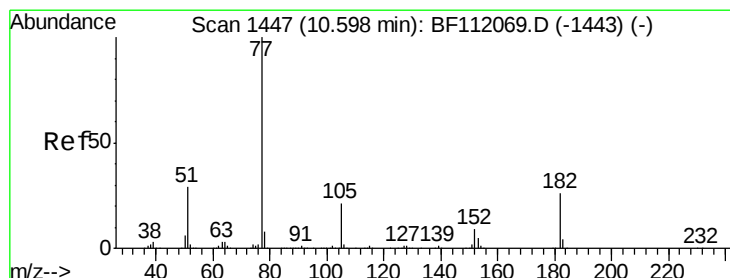
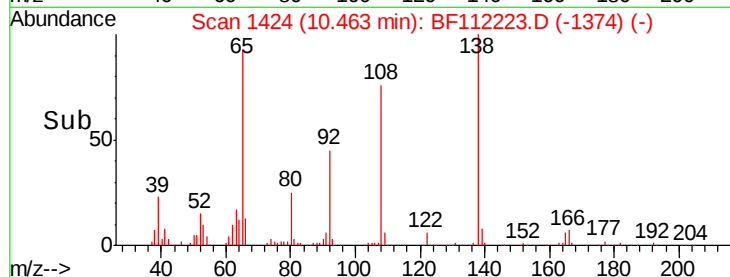
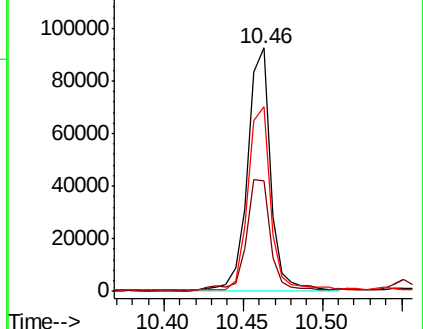
108 75.9 50.0 90.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#63

Azobenzene

Concen: 18.023 ng

RT: 10.59 min Scan# 1446

Delta R.T. -0.01 min

Lab File: BF112223.D

Acq: 24 Jan 2019 21:51

Tgt Ion: 77 Resp: 295385

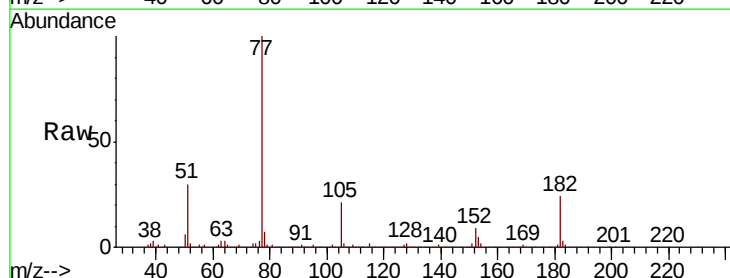
Ion Ratio Lower Upper

77 100

182 23.9 5.7 45.7

105 21.4 1.4 41.4

51 30.1 9.5 49.5

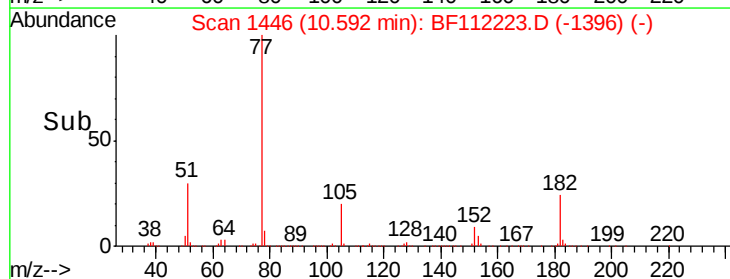
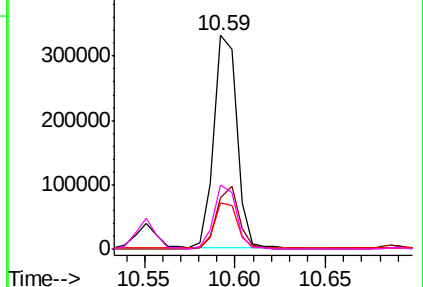


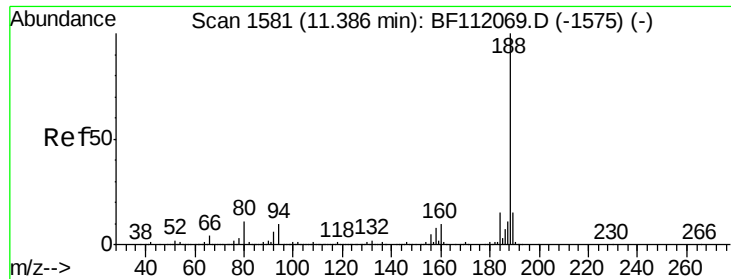
Abundance Ion 77.00 (76.70 to 77.70): BF1

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

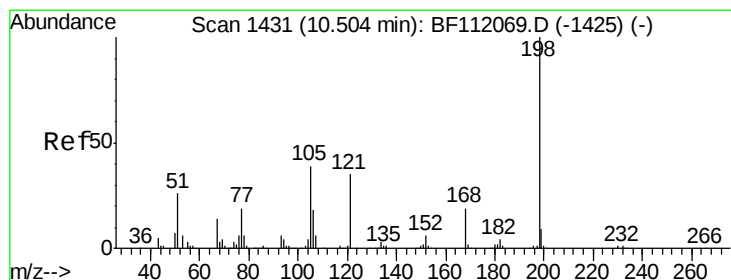
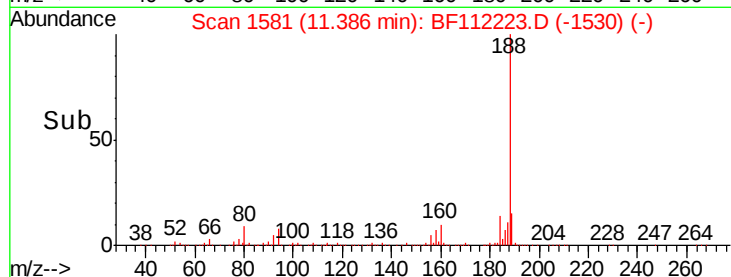
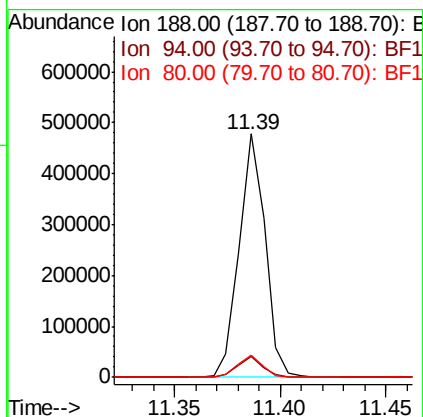
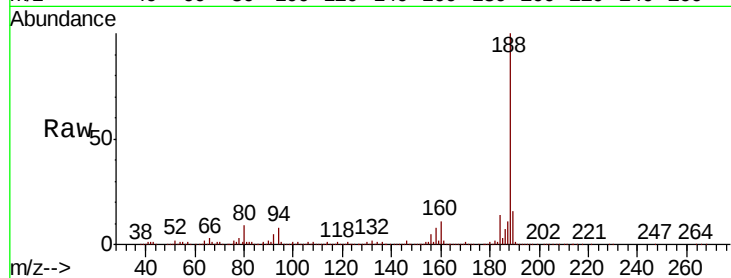




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. 0.00 min
Lab File: BF112223.D
Acq: 24 Jan 2019 21:51

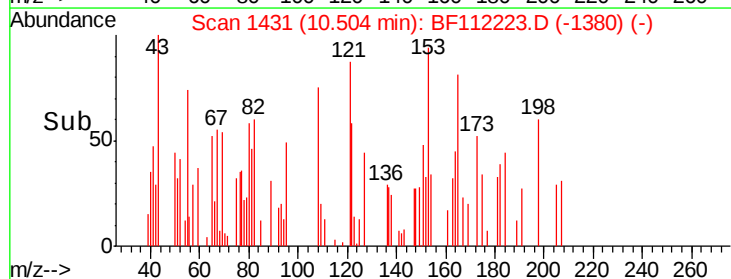
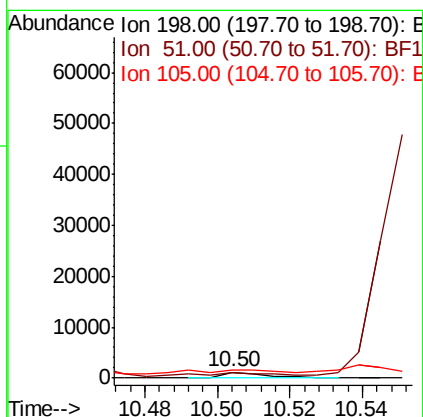
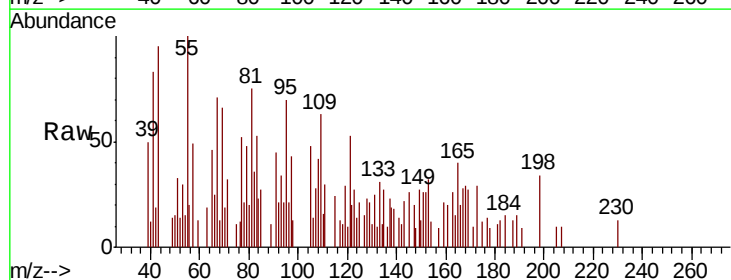
Instrument :
BNA_F
ClientSampleId :
TS-VMS

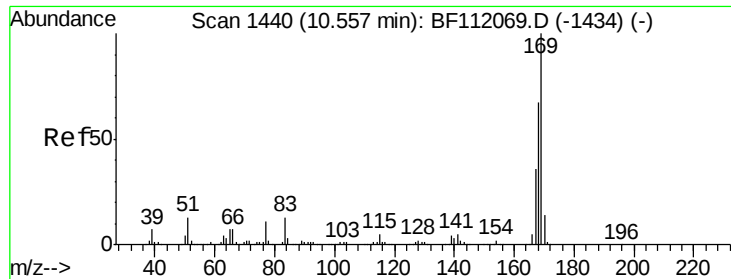
Tgt Ion:188 Resp: 407471
Ion Ratio Lower Upper
188 100
94 8.3 8.2 12.2
80 9.0 8.9 13.3



#65
4,6-Dinitro-2-methylphenol
Concen: 10.517 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BF112223.D
Acq: 24 Jan 2019 21:51

Tgt Ion:198 Resp: 962
Ion Ratio Lower Upper
198 100
51 97.1 17.2 57.2#
105 141.2 21.9 61.9#

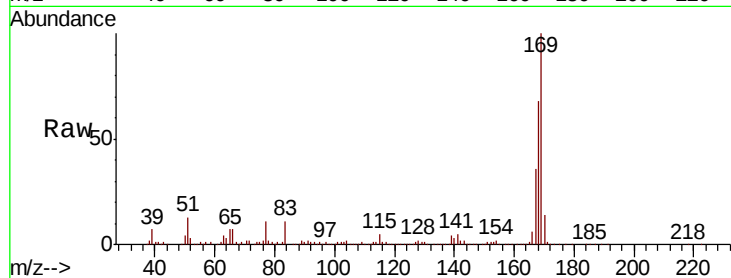




#66
 n-Nitrosodiphenylamine
 Concen: 22.190 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF112223.D
 Acq: 24 Jan 2019 21:51

Instrument :
 BNA_F
 ClientSampleId :
 TS-VMS

Tgt Ion	Resp	Lower	Upper
169	100		
168	68.3	53.9	80.9
167	35.8	28.9	43.3

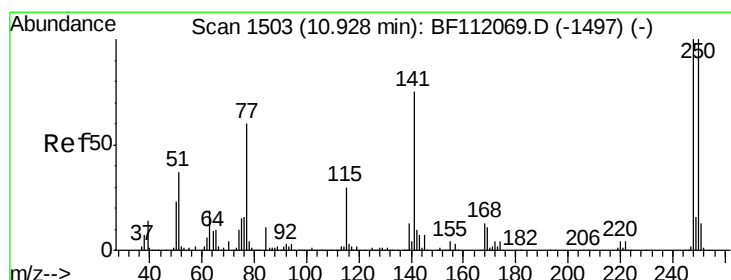
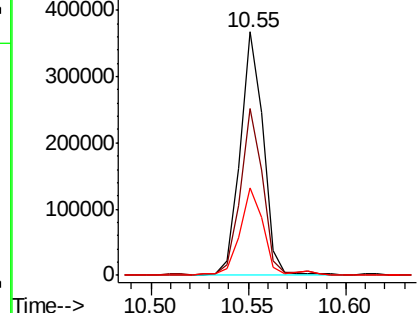
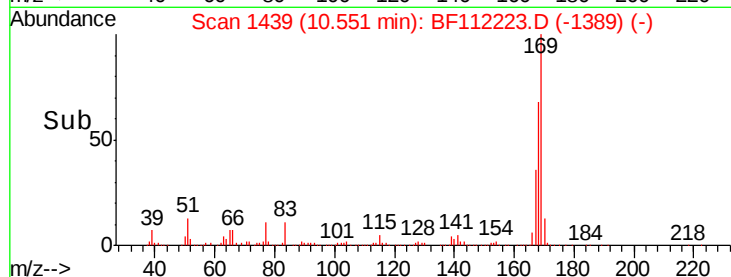


Abundance

Ion 169.00 (168.70 to 169.70): E

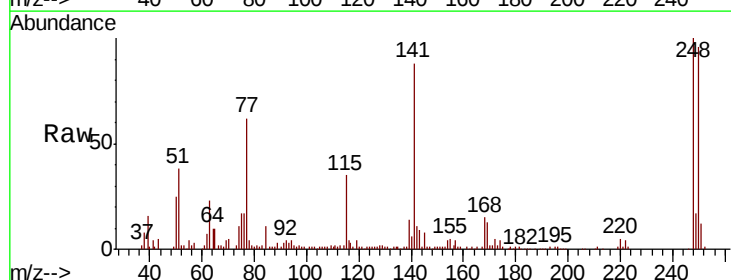
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#67
 4-Bromophenyl-phenylether
 Concen: 20.092 ng
 RT: 10.92 min Scan# 1502
 Delta R.T. -0.01 min
 Lab File: BF112223.D
 Acq: 24 Jan 2019 21:51

Tgt Ion	Resp	Lower	Upper
248	100		
250	96.1	79.7	119.5
141	88.0	60.3	90.5

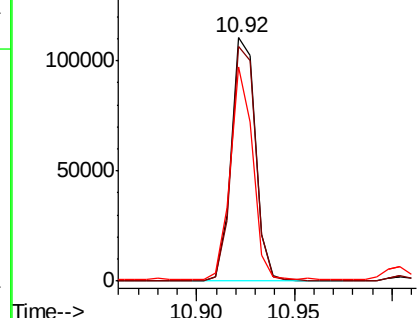
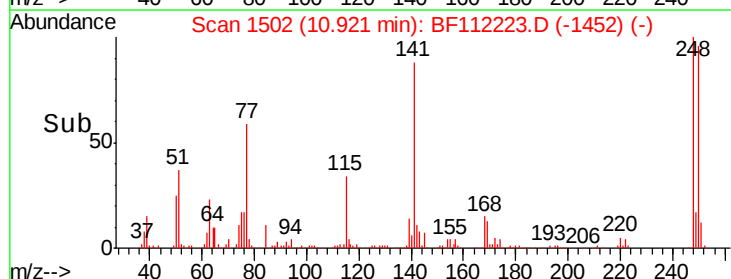


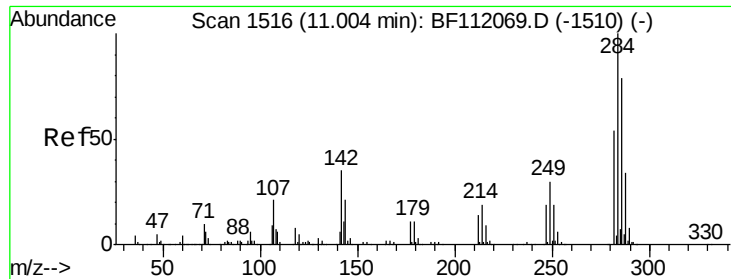
Abundance

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

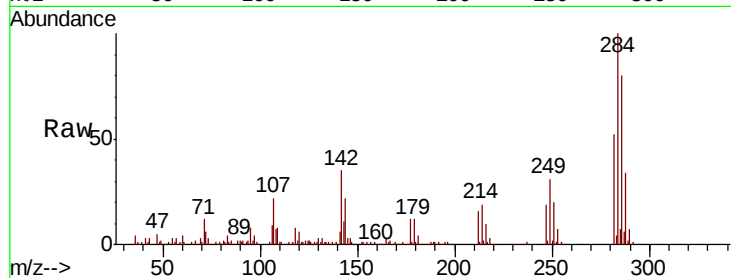




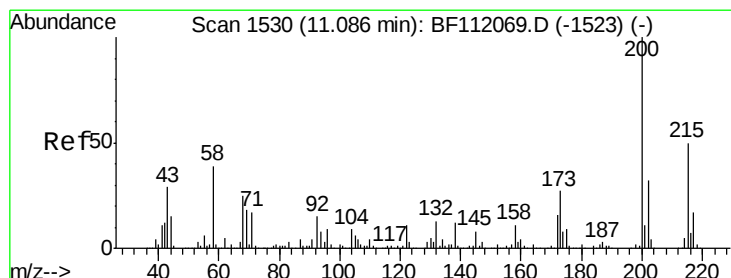
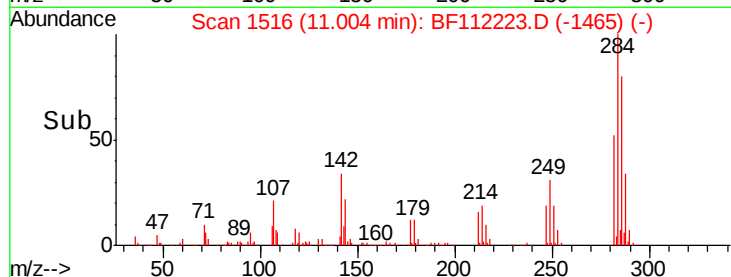
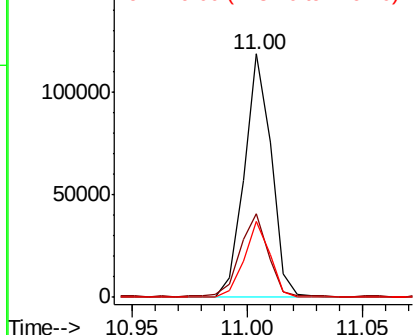
#68
Hexachlorobenzene
Concen: 19.055 ng
RT: 11.00 min Scan# 1516
Delta R.T. 0.00 min
Lab File: BF112223.D
Acq: 24 Jan 2019 21:51

Instrument :
BNA_F
ClientSampleId :
TS-VMS

Tgt Ion:284 Resp: 97152
Ion Ratio Lower Upper
284 100
142 34.6 27.6 41.4
249 31.3 24.1 36.1

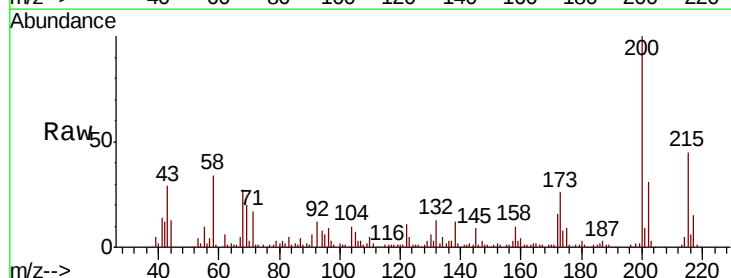


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

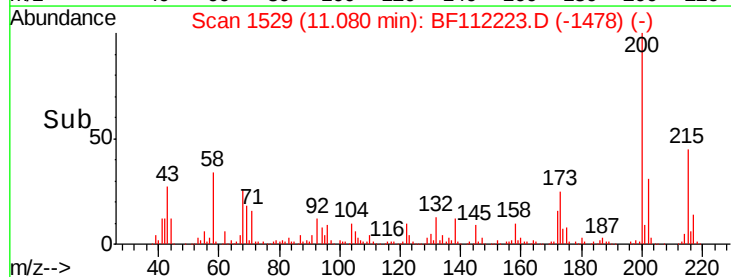
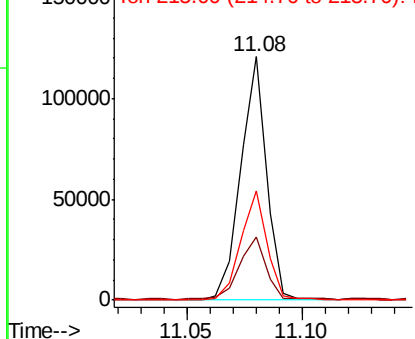


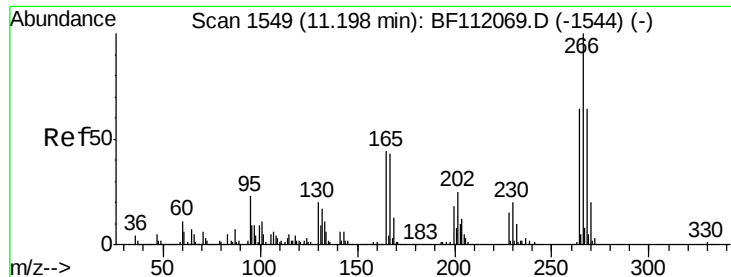
#69
Atrazine
Concen: 21.754 ng
RT: 11.08 min Scan# 1529
Delta R.T. 0.00 min
Lab File: BF112223.D
Acq: 24 Jan 2019 21:51

Tgt Ion:200 Resp: 94561
Ion Ratio Lower Upper
200 100
173 25.7 7.1 47.1
215 45.1 30.4 70.4



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

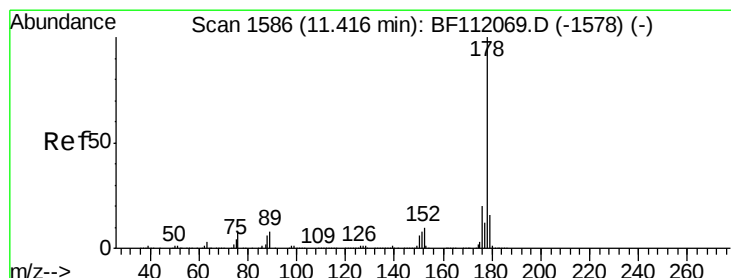
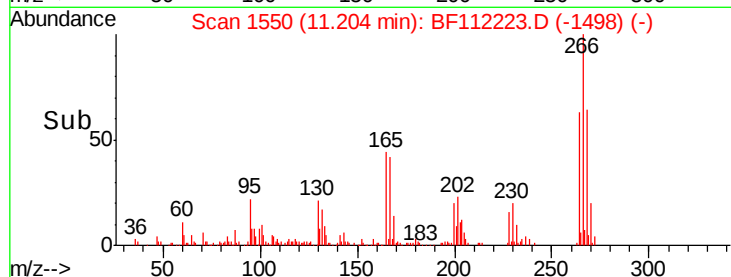
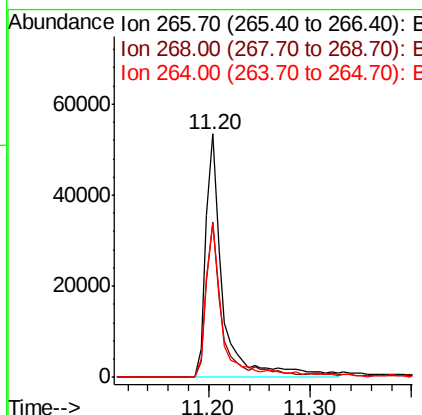
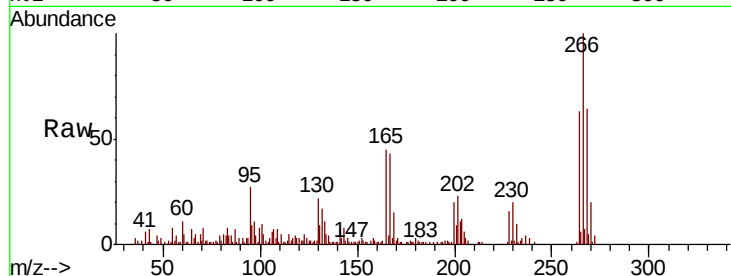




#70
 Pentachlorophenol
 Concen: 29.667 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. 0.01 min
 Lab File: BF112223.D
 Acq: 24 Jan 2019 21:51

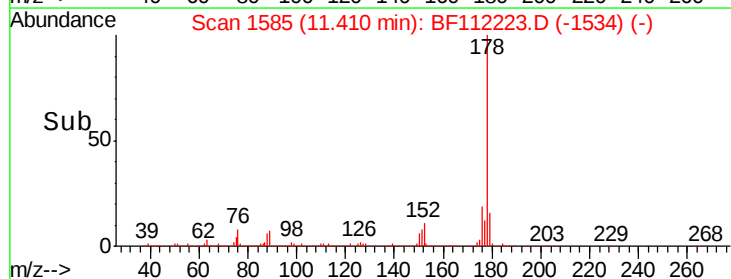
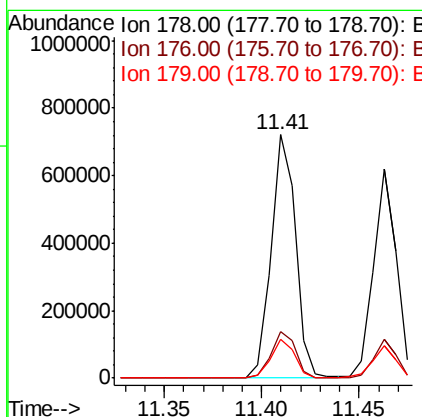
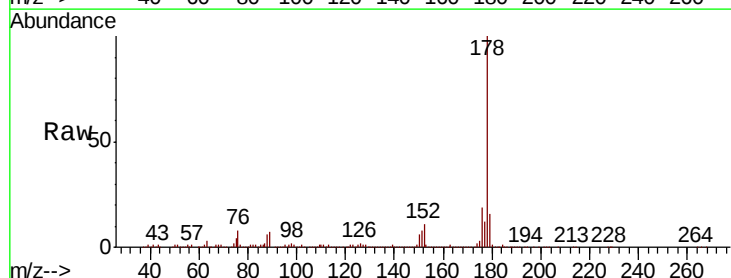
Instrument :
 BNA_F
 ClientSampleId :
 TS-VMS

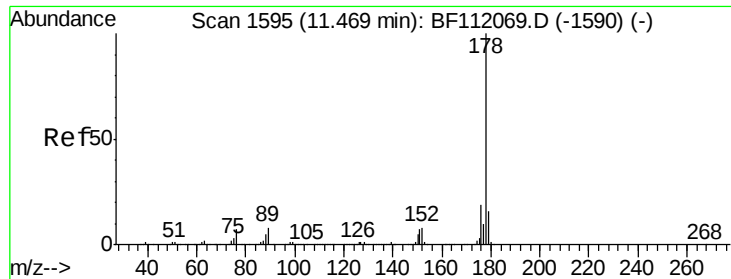
Tgt Ion: 266 Resp: 62531
 Ion Ratio Lower Upper
 266 100
 268 63.7 51.2 76.8
 264 63.4 50.9 76.3



#71
 Phenanthrene
 Concen: 30.532 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: BF112223.D
 Acq: 24 Jan 2019 21:51

Tgt Ion: 178 Resp: 626095
 Ion Ratio Lower Upper
 178 100
 176 19.3 16.3 24.5
 179 16.1 13.0 19.4

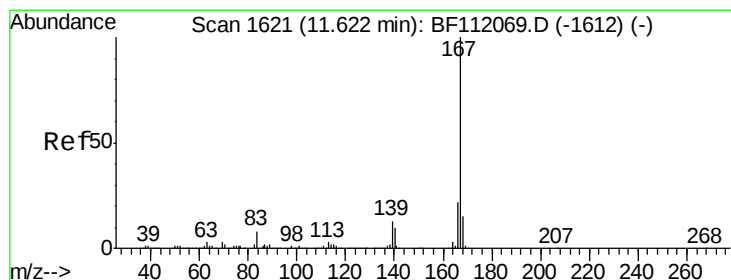
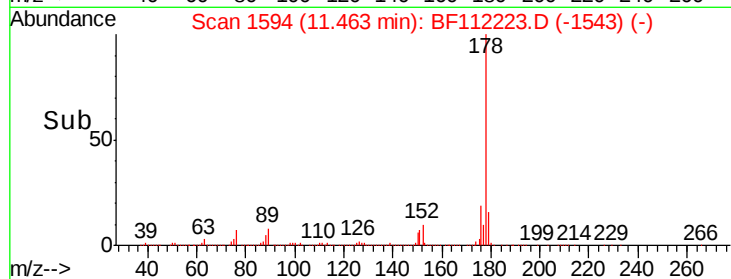
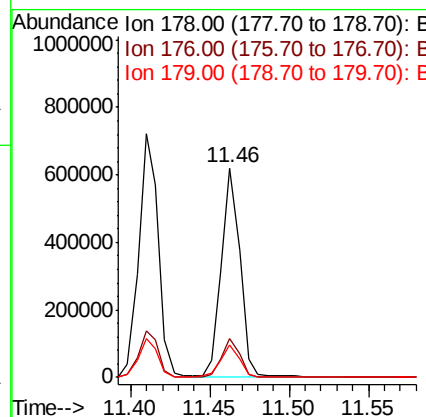
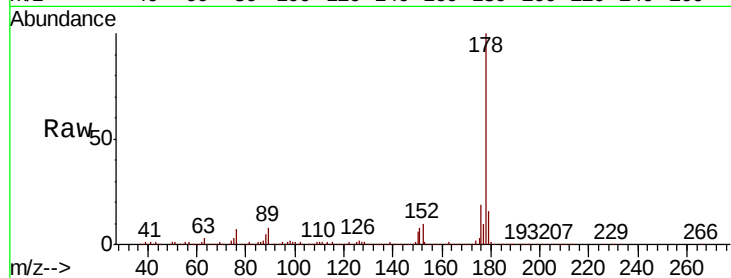




#72
 Anthracene
 Concen: 24.424 ng
 RT: 11.46 min Scan# 1594
 Delta R.T. 0.00 min
 Lab File: BF112223.D
 Acq: 24 Jan 2019 21:51

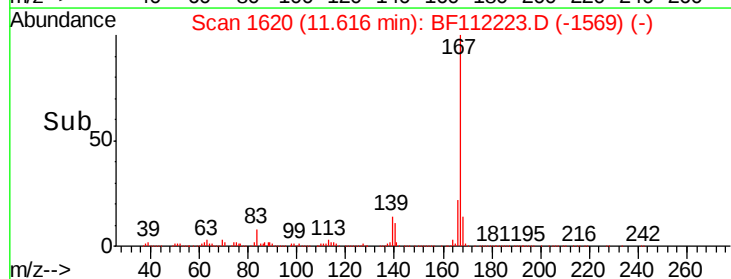
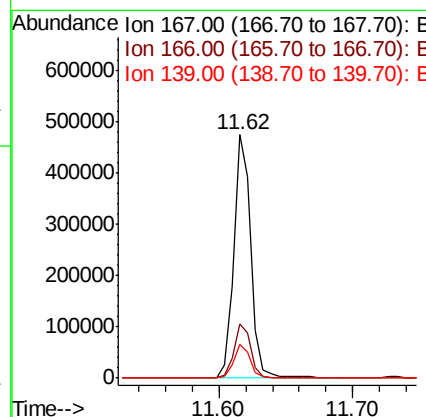
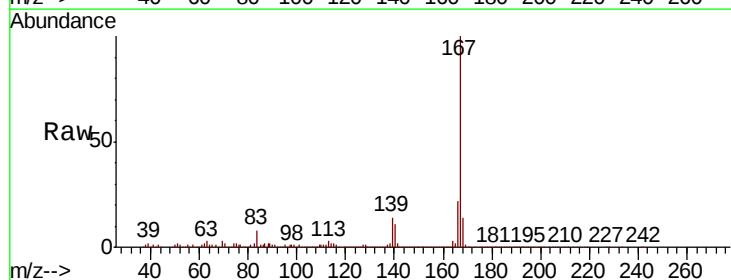
Instrument :
 BNA_F
 ClientSampleId :
 TS-VMS

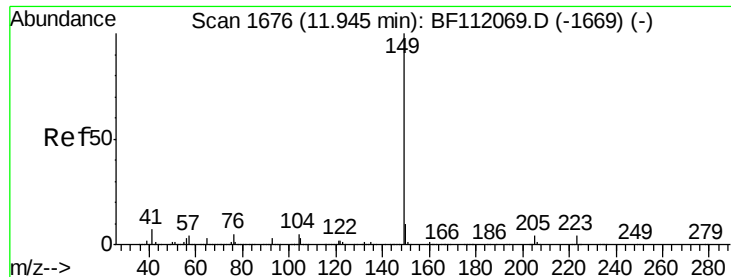
Tgt Ion:178 Resp: 507364
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.5 23.3
 179 15.6 12.8 19.2



#73
 Carbazole
 Concen: 20.376 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. 0.00 min
 Lab File: BF112223.D
 Acq: 24 Jan 2019 21:51

Tgt Ion:167 Resp: 424020
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.9 26.9
 139 13.8 10.2 15.2





#74

Di-n-butylphthalate

Concen: 24.178 ng

RT: 11.94 min Scan# 1675

Delta R.T. 0.00 min

Lab File: BF112223.D

Acq: 24 Jan 2019 21:51

Instrument :

BNA_F

ClientSampleId :

TS-VMS

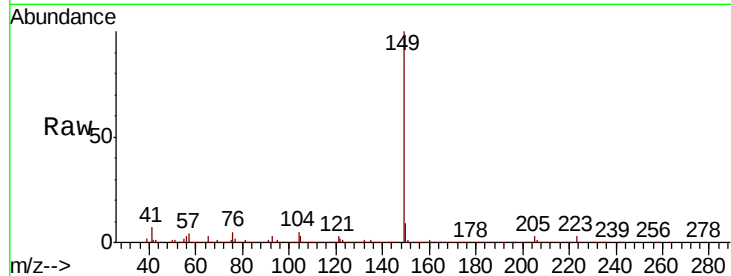
Tgt Ion:149 Resp: 565949

Ion Ratio Lower Upper

149 100

150 9.3 8.1 12.1

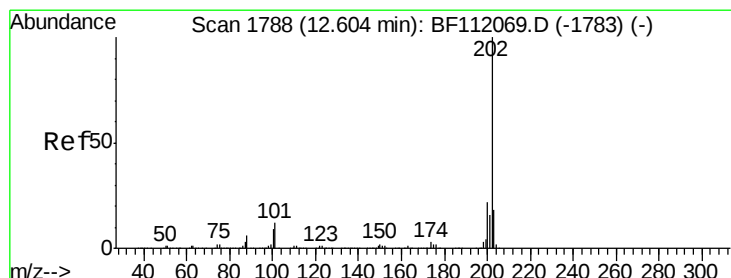
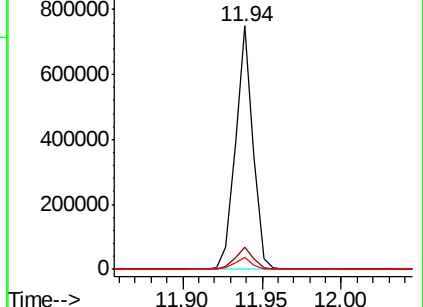
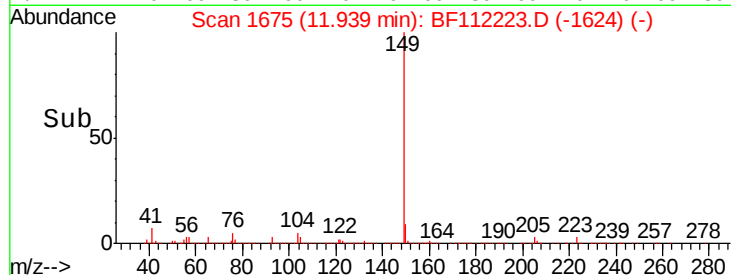
104 4.9 3.9 5.9



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: 32.685 ng

RT: 12.60 min Scan# 1788

Delta R.T. 0.01 min

Lab File: BF112223.D

Acq: 24 Jan 2019 21:51

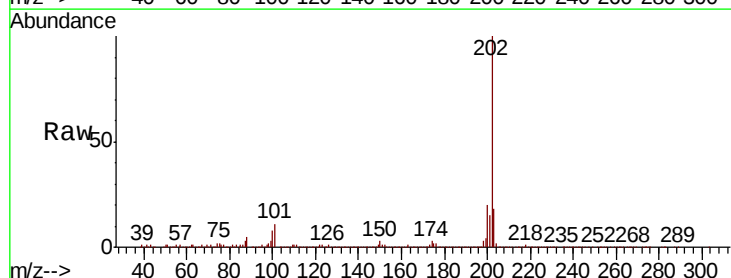
Tgt Ion:202 Resp: 707677

Ion Ratio Lower Upper

202 100

101 10.7 0.0 31.8

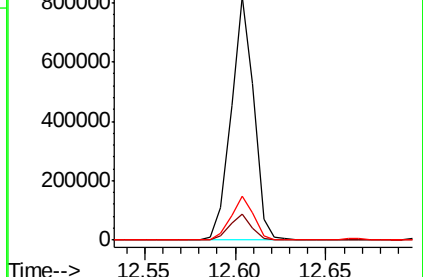
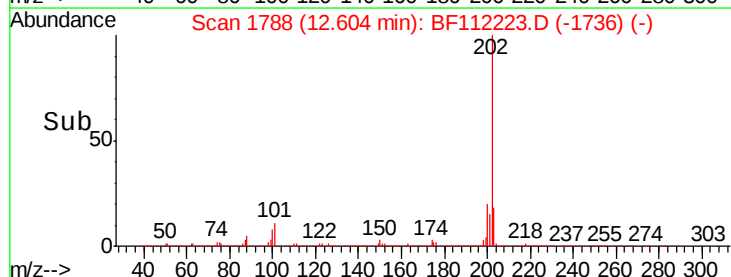
203 18.0 0.0 38.4

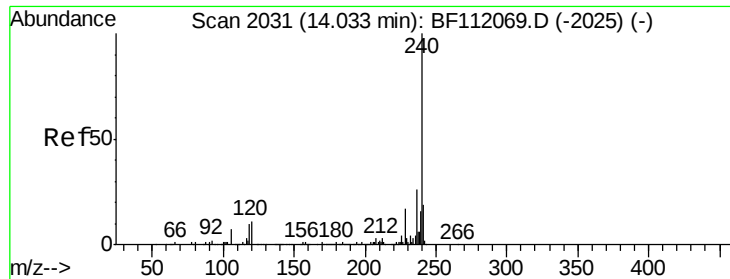


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

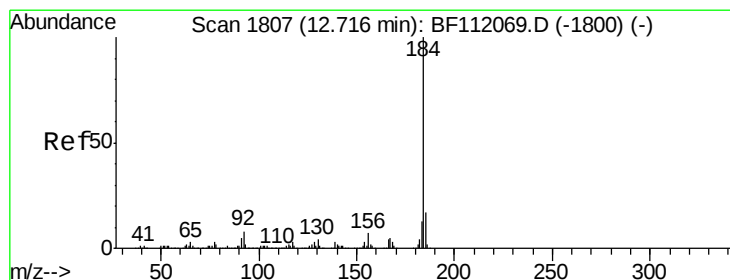
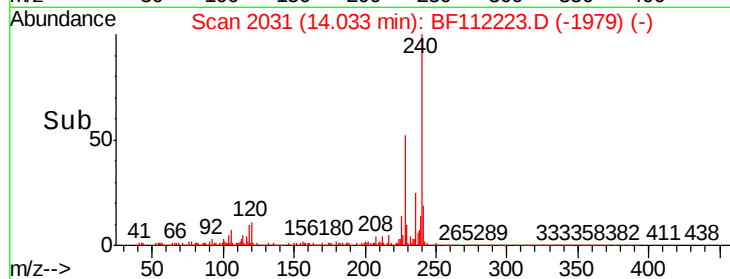
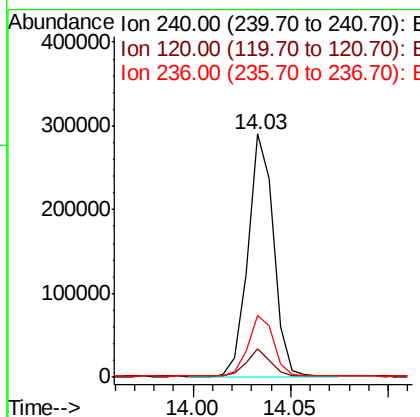
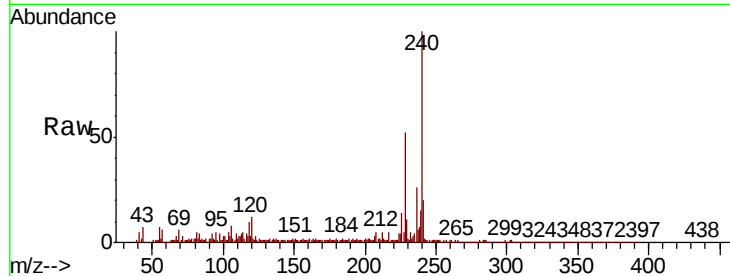




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. 0.01 min
Lab File: BF112223.D
Acq: 24 Jan 2019 21:51

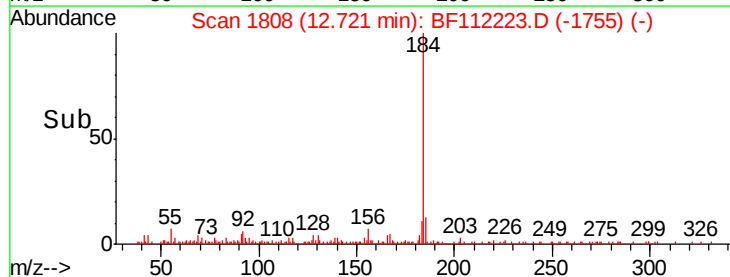
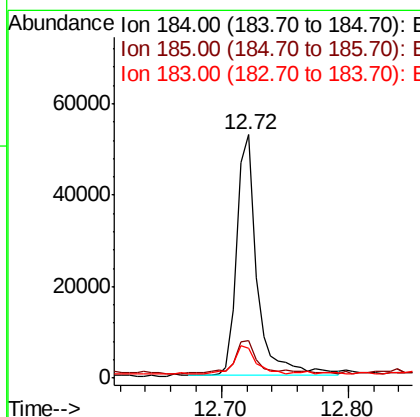
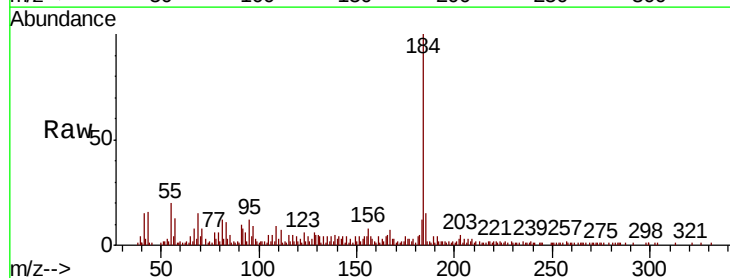
Instrument :
BNA_F
ClientSampleId :
TS-VMS

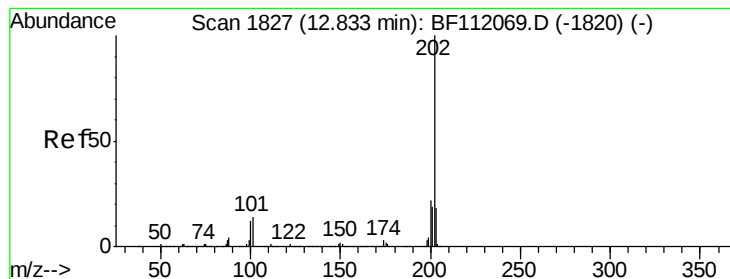
Tgt Ion:240 Resp: 261770
Ion Ratio Lower Upper
240 100
120 11.5 9.0 13.6
236 25.5 20.7 31.1



#77
Benzidine
Concen: 6.730 ng
RT: 12.72 min Scan# 1808
Delta R.T. 0.01 min
Lab File: BF112223.D
Acq: 24 Jan 2019 21:51

Tgt Ion:184 Resp: 58776
Ion Ratio Lower Upper
184 100
185 15.2 13.9 20.9
183 12.4 10.0 15.0





#78

Pyrene

Concen: 37.815 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.01 min

Lab File: BF112223.D

Acq: 24 Jan 2019 21:51

Instrument :

BNA_F

ClientSampleId :

TS-VMS

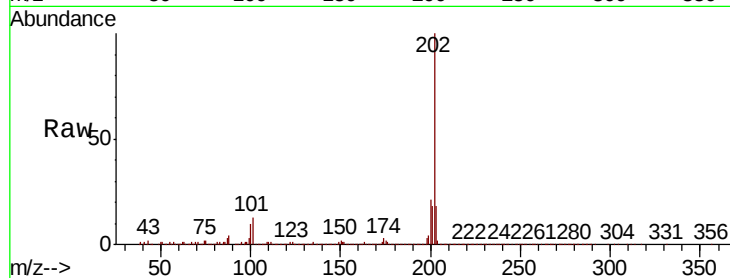
Tgt Ion:202 Resp: 653079

Ion Ratio Lower Upper

202 100

200 21.2 17.7 26.5

203 17.5 14.6 22.0

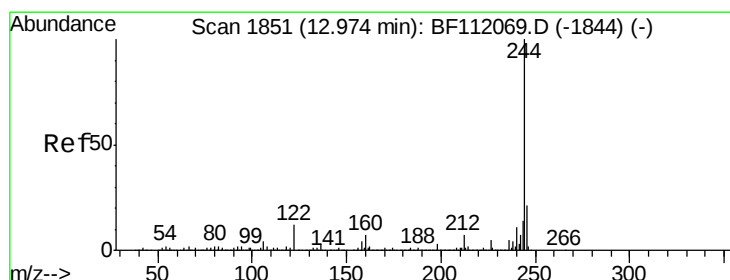
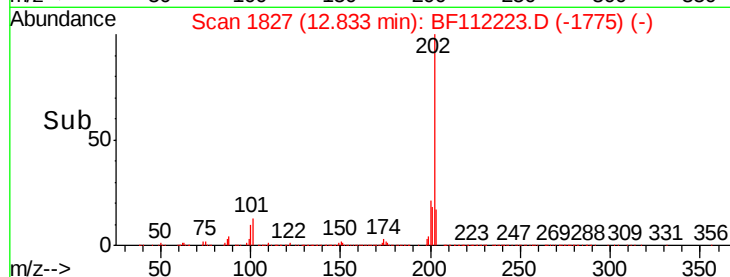
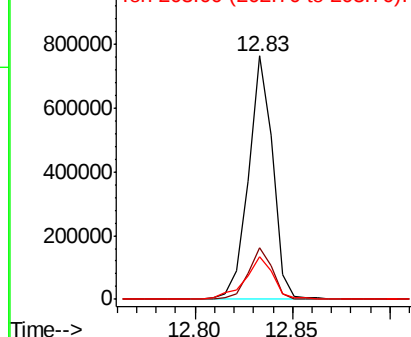


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 49.766 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.00 min

Lab File: BF112223.D

Acq: 24 Jan 2019 21:51

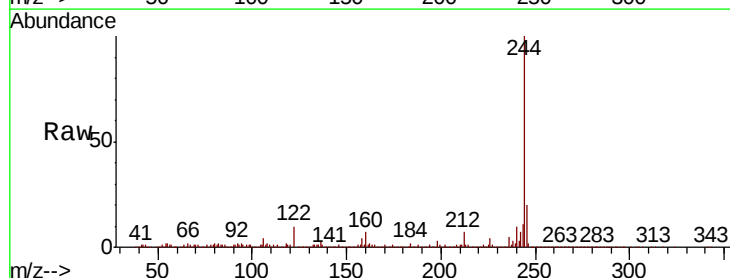
Tgt Ion:244 Resp: 612365

Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

122 10.4 9.8 14.6

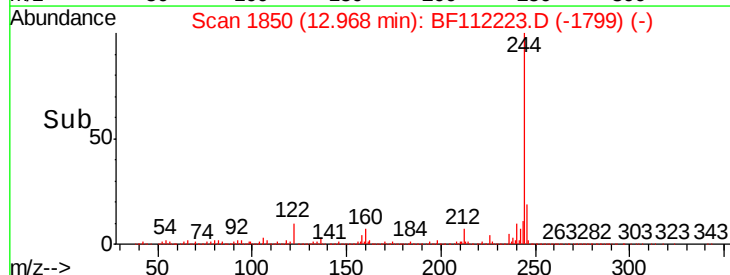
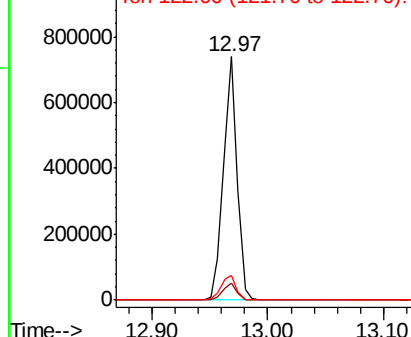


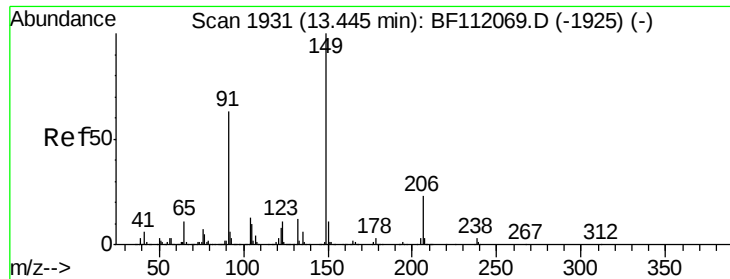
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

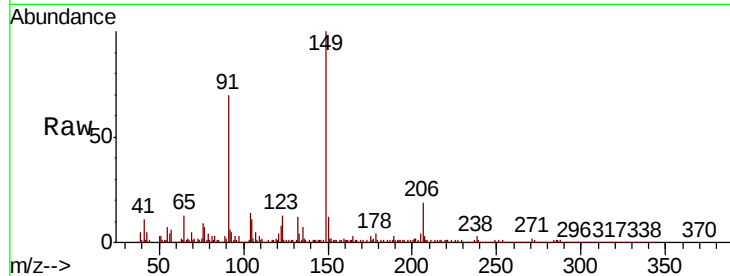




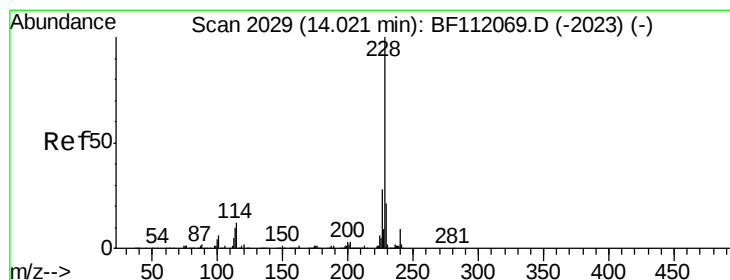
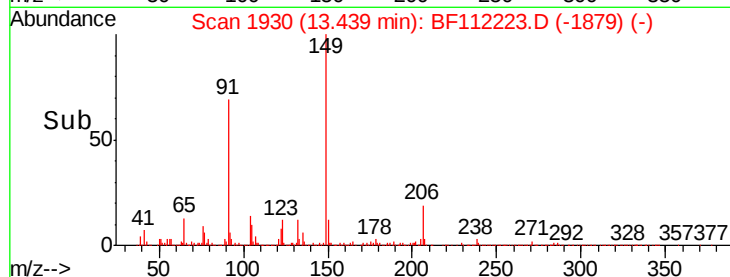
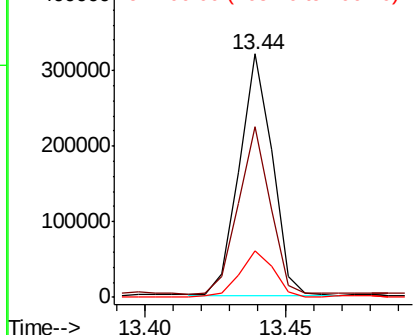
#80
Butylbenzylphthalate
Concen: 33.969 ng
RT: 13.44 min Scan# 1930
Delta R.T. 0.00 min
Lab File: BF112223.D
Acq: 24 Jan 2019 21:51

Instrument :
BNA_F
ClientSampleId :
TS-VMS

Tgt Ion:149 Resp: 257374
Ion Ratio Lower Upper
149 100
91 69.9 50.3 75.5
206 18.9 18.2 27.4

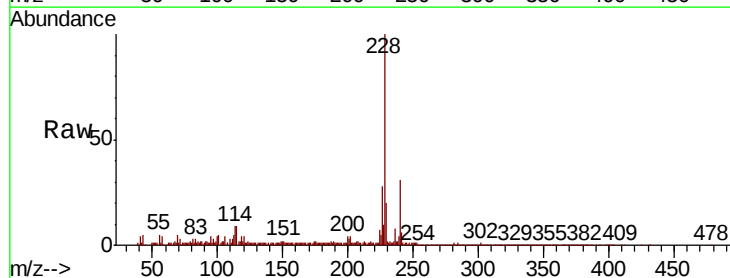


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

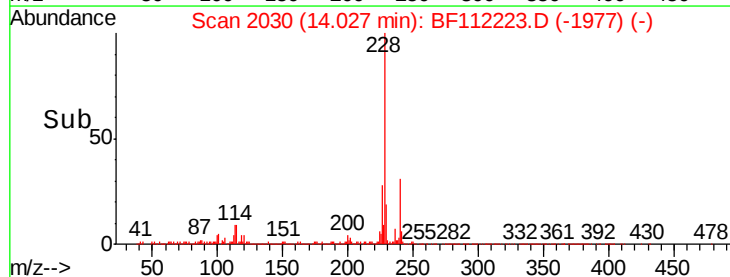
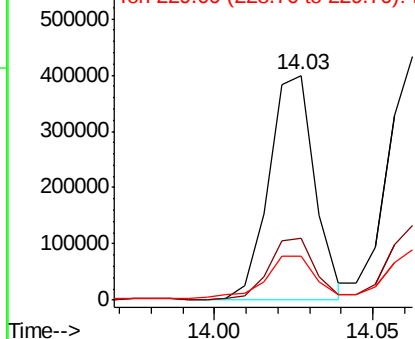


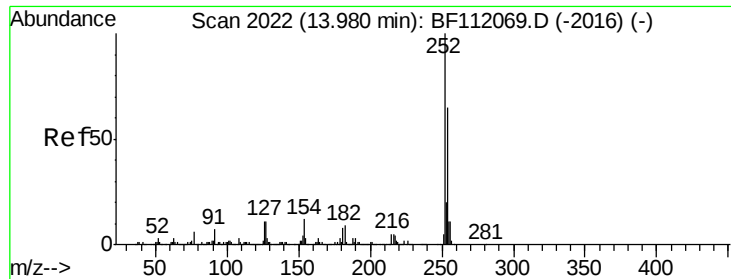
#81
Benzo(a)anthracene
Concen: 26.772 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.01 min
Lab File: BF112223.D
Acq: 24 Jan 2019 21:51

Tgt Ion:228 Resp: 401822
Ion Ratio Lower Upper
228 100
226 27.7 22.6 34.0
229 19.8 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: 11.573 ng

RT: 13.98 min Scan# 2022

Delta R.T. 0.01 min

Lab File: BF112223.D

Acq: 24 Jan 2019 21:51

Instrument :

BNA_F

ClientSampleId :

TS-VMS

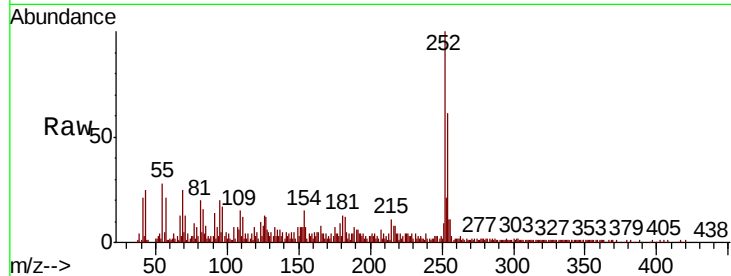
Tgt Ion:252 Resp: 65049

Ion Ratio Lower Upper

252 100

254 61.4 51.6 77.4

126 12.8 8.6 12.8

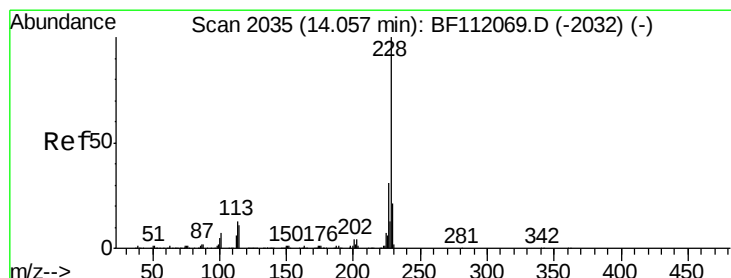
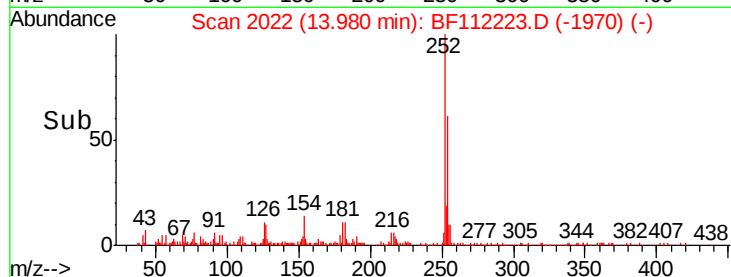
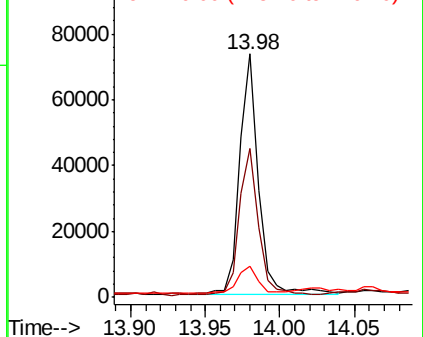


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83

Chrysene

Concen: 26.458 ng

RT: 14.06 min Scan# 2036

Delta R.T. 0.01 min

Lab File: BF112223.D

Acq: 24 Jan 2019 21:51

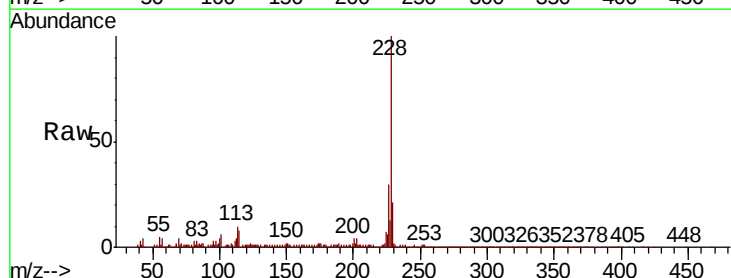
Tgt Ion:228 Resp: 375755

Ion Ratio Lower Upper

228 100

226 30.5 25.0 37.6

229 20.6 16.6 24.8

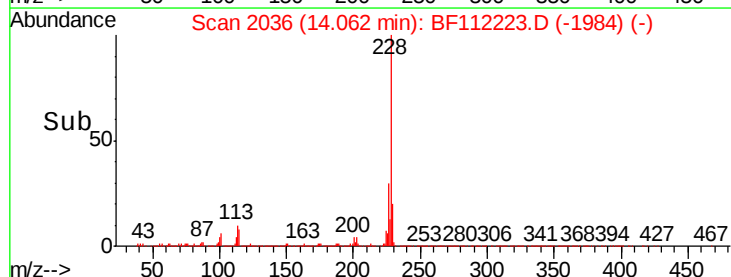
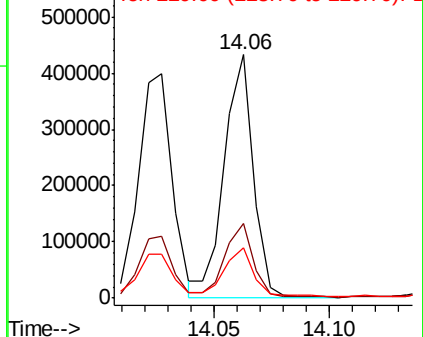


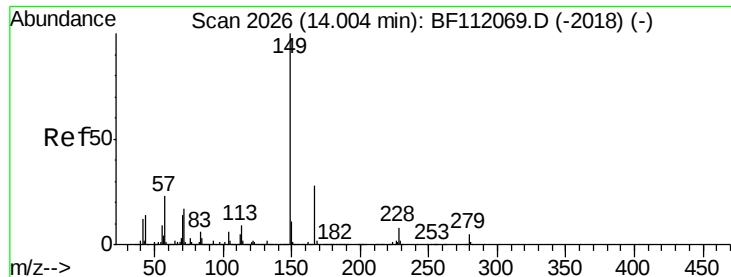
Abundance

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: 33.882 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF112223.D

Acq: 24 Jan 2019 21:51

Instrument :

BNA_F

ClientSampleId :

TS-VMS

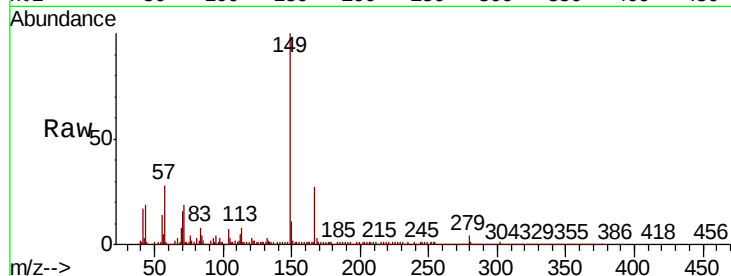
Tgt Ion:149 Resp: 367913

Ion Ratio Lower Upper

149 100

167 27.2 22.5 33.7

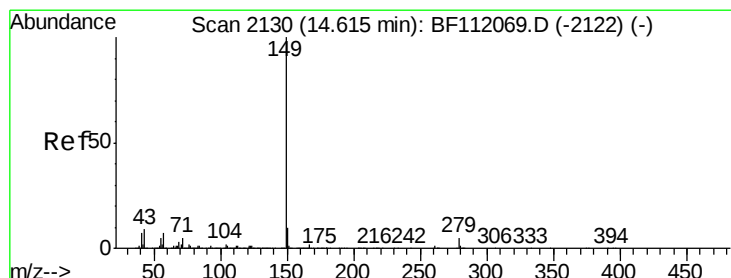
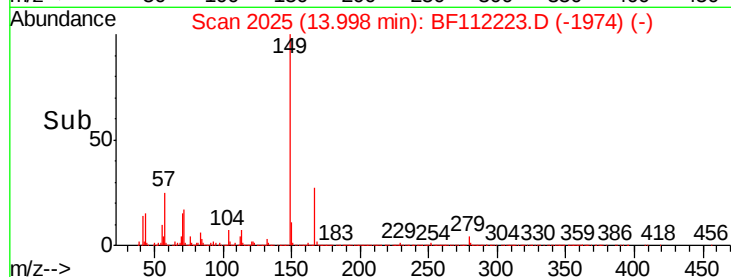
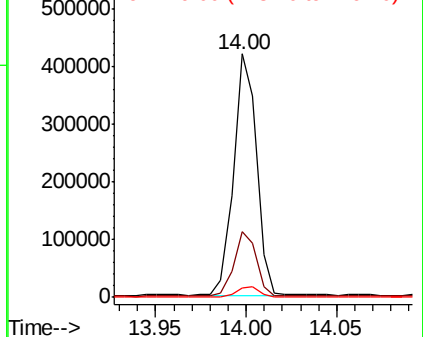
279 3.9 3.8 5.6



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: 28.703 ng

RT: 14.61 min Scan# 2129

Delta R.T. 0.00 min

Lab File: BF112223.D

Acq: 24 Jan 2019 21:51

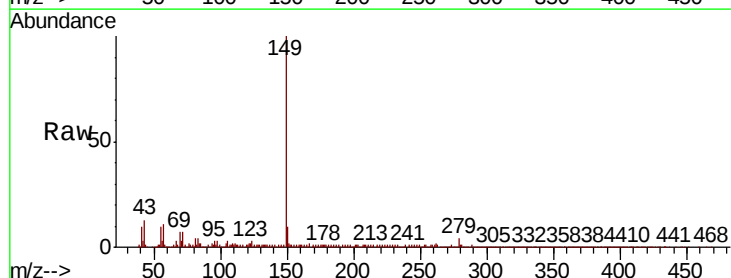
Tgt Ion:149 Resp: 480224

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

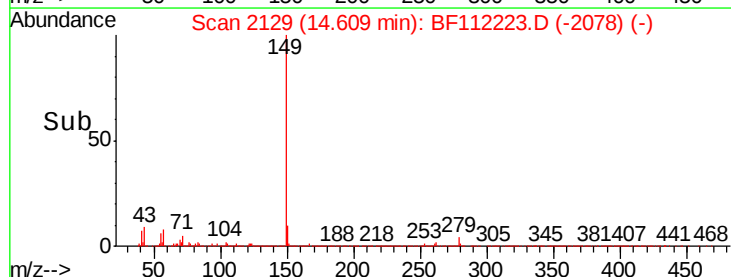
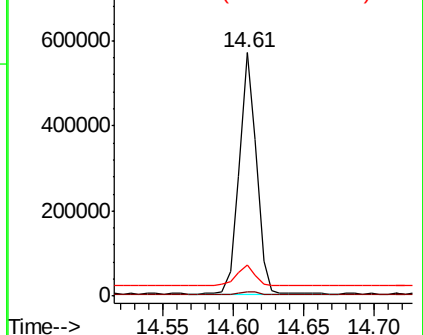
43 9.9 7.8 11.6

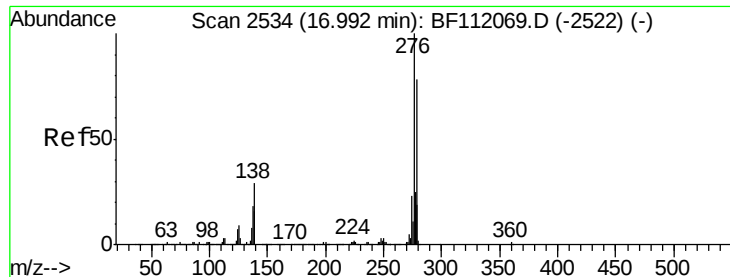


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





#86

Indeno(1,2,3-cd)pyrene

Concen: 19.597 ng

RT: 17.02 min Scan# 2539

Delta R.T. 0.04 min

Lab File: BF112223.D

Acq: 24 Jan 2019 21:51

Instrument :

BNA_F

ClientSampleId :

TS-VMS

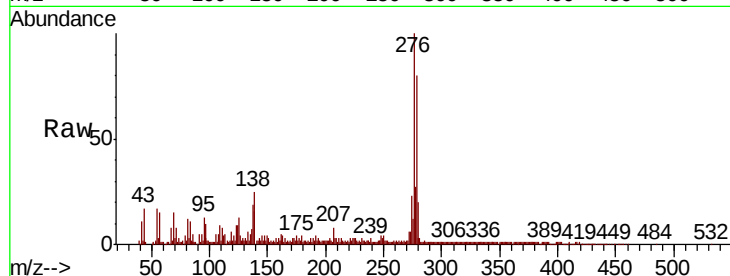
Tgt Ion:276 Resp: 256764

Ion Ratio Lower Upper

276 100

138 23.4 22.6 34.0

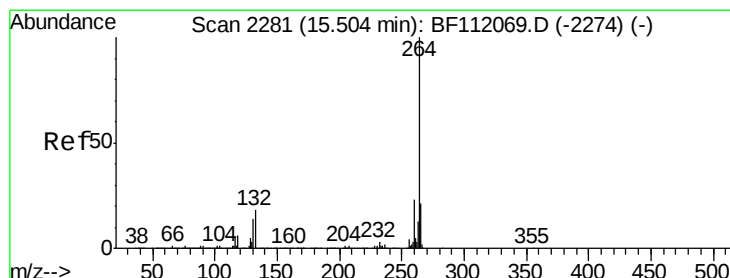
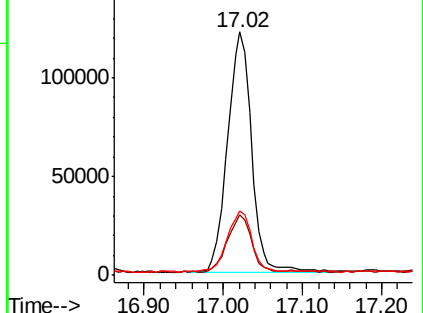
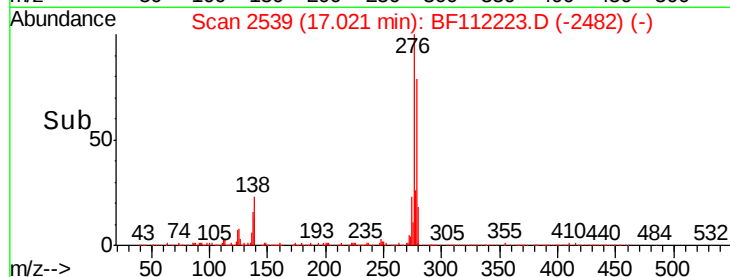
277 25.2 20.3 30.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.52 min Scan# 2283

Delta R.T. 0.02 min

Lab File: BF112223.D

Acq: 24 Jan 2019 21:51

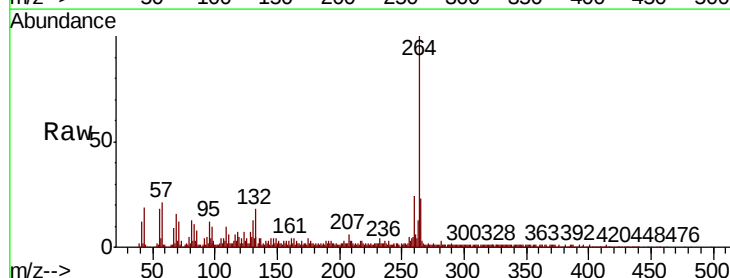
Tgt Ion:264 Resp: 196718

Ion Ratio Lower Upper

264 100

260 23.7 18.2 27.2

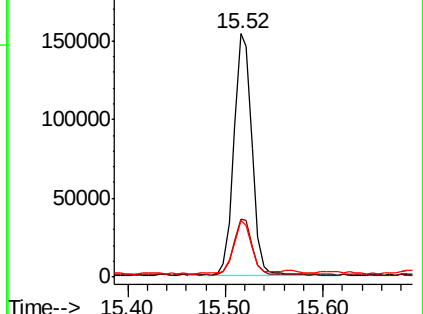
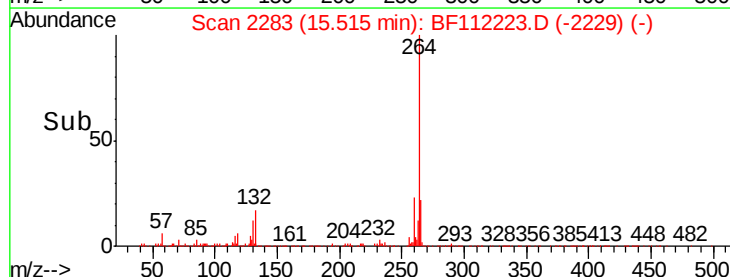
265 23.3 17.0 25.4

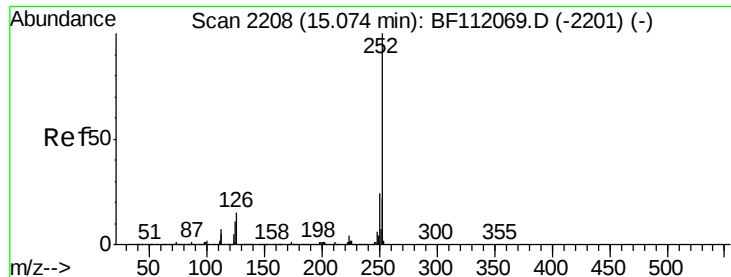


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

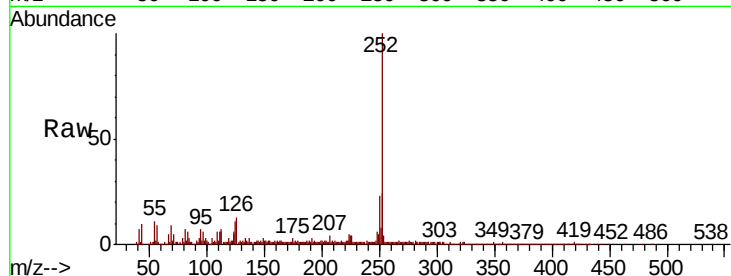




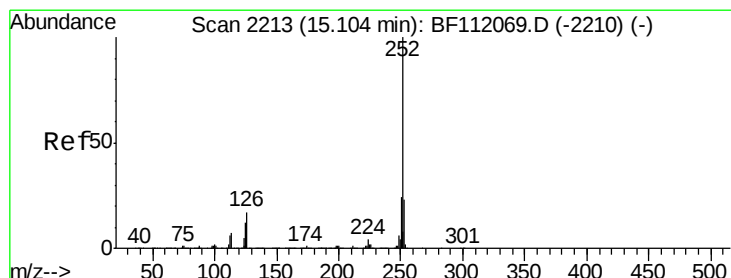
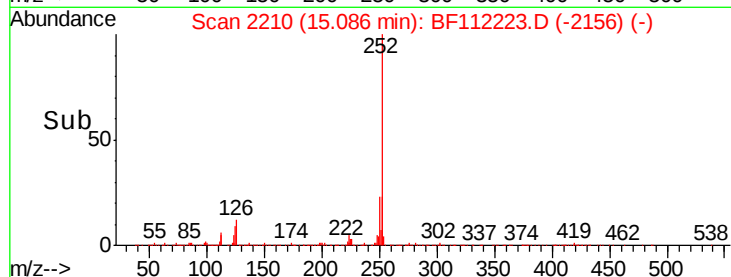
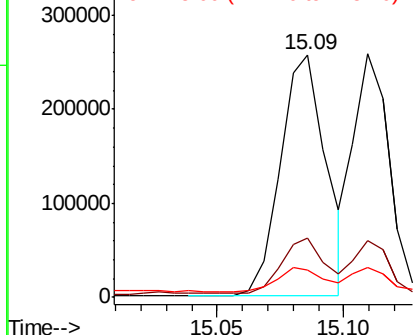
#88
Benzo(b)fluoranthene
Concen: 28.724 ng
RT: 15.09 min Scan# 2210
Delta R.T. 0.02 min
Lab File: BF112223.D
Acq: 24 Jan 2019 21:51

Instrument :
BNA_F
ClientSampleId :
TS-VMS

Tgt Ion:252 Resp: 320744
Ion Ratio Lower Upper
252 100
253 24.2 18.0 27.0
125 11.2 8.7 13.1

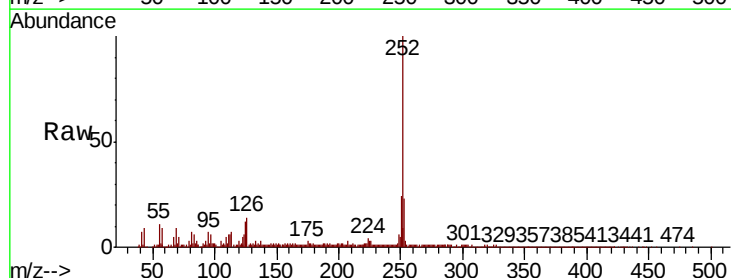


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

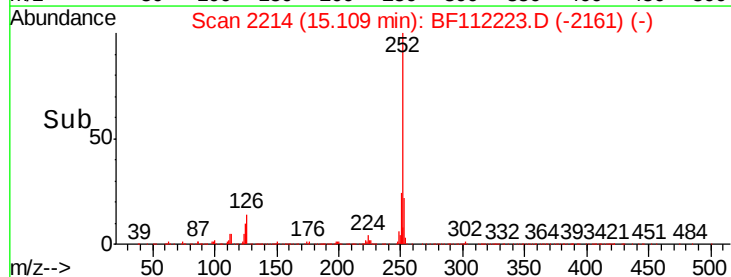
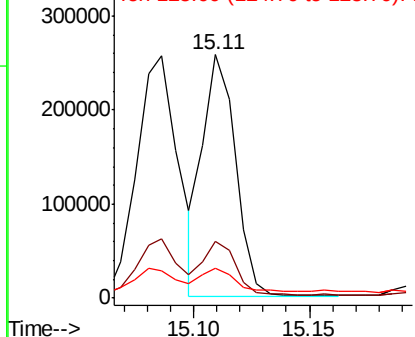


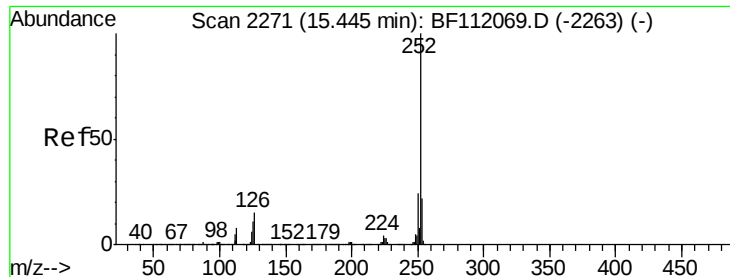
#89
Benzo(k)fluoranthene
Concen: 23.597 ng
RT: 15.11 min Scan# 2214
Delta R.T. 0.01 min
Lab File: BF112223.D
Acq: 24 Jan 2019 21:51

Tgt Ion:252 Resp: 255031
Ion Ratio Lower Upper
252 100
253 23.3 18.0 27.0
125 12.4 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: 26.273 ng

RT: 15.46 min Scan# 2273

Delta R.T. 0.02 min

Lab File: BF112223.D

Acq: 24 Jan 2019 21:51

Instrument :

BNA_F

ClientSampleId :

TS-VMS

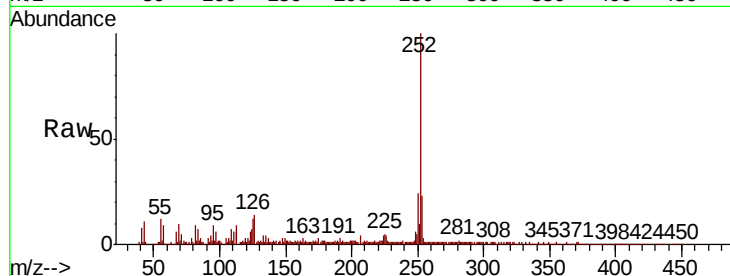
Tgt Ion:252 Resp: 269053

Ion Ratio Lower Upper

252 100

253 23.1 17.5 26.3

125 12.3 9.0 13.4

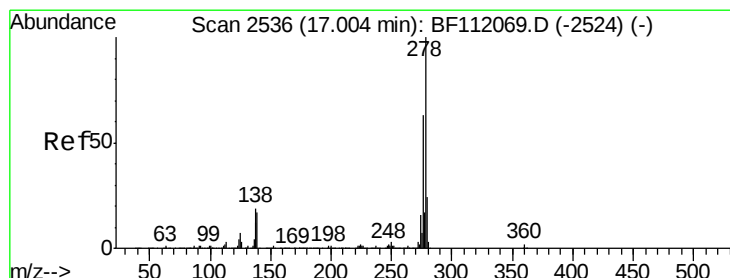
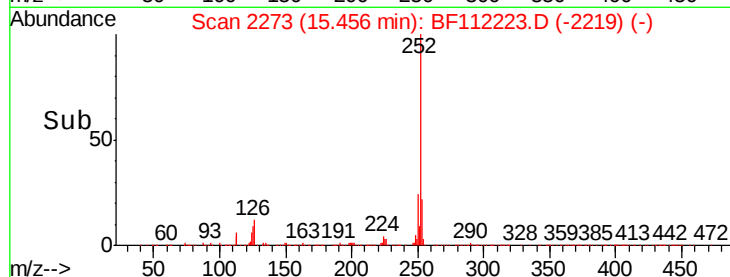
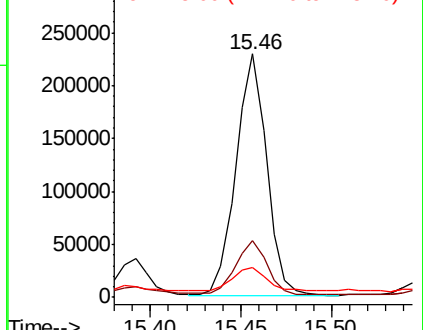


Abundance

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: 21.368 ng

RT: 17.03 min Scan# 2540

Delta R.T. 0.03 min

Lab File: BF112223.D

Acq: 24 Jan 2019 21:51

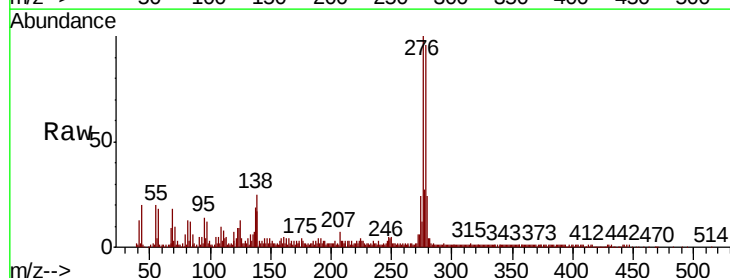
Tgt Ion:278 Resp: 194348

Ion Ratio Lower Upper

278 100

139 17.2 13.7 20.5

279 25.6 19.0 28.6

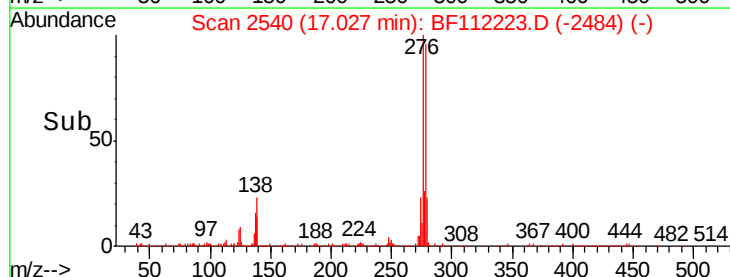
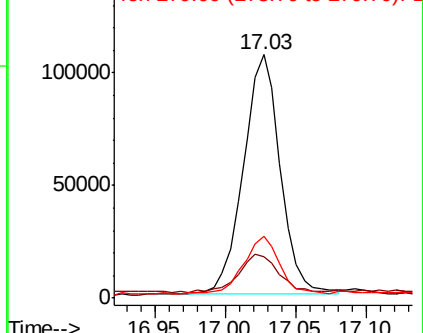


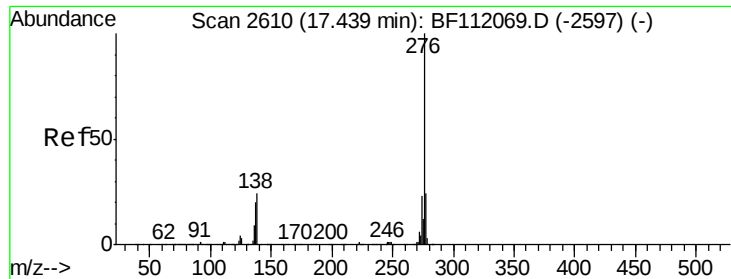
Abundance

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: 22.624 ng
 RT: 17.47 min Scan# 2616
 Delta R.T. 0.05 min
 Lab File: BF112223.D
 Acq: 24 Jan 2019 21:51

Instrument :
 BNA_F
 ClientSampleId :
 TS-VMS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.4	29.0
138	20.8	19.1	28.7

