

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042319\
 Data File : BF113933.D
 Acq On : 23 Apr 2019 20:58
 Operator : JU/SJ
 Sample : K2204-04MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-042219MS

Quant Time: Apr 24 02:06:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	128963	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	445867	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	196391	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	347970	20.00	ng	0.00
76) Chrysene-d12	14.06	240	346885	20.00	ng	0.00
87) Perylene-d12	15.55	264	305719	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	758839	100.64	ng	0.02
7) Phenol-d6	6.53	99	863547	91.28	ng	0.01
23) Nitrobenzene-d5	7.46	82	653331	90.47	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	285957	119.53	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1199167	95.50	ng	0.00
79) Terphenyl-d14	13.00	244	1358209	80.27	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.86	88	119776	33.699	ng	# 86
3) Pyridine	3.57	79	286729	29.554	ng	97
4) n-Nitrosodimethylamine	3.50	42	118026	35.539	ng	96
6) Aniline	6.56	93	161019	12.395	ng	100
8) 2-Chlorophenol	6.69	128	321829	37.385	ng	95
9) Benzaldehyde	6.45	77	71420	8.730	ng	97
10) Phenol	6.55	94	324243	28.664	ng	96
11) bis(2-Chloroethyl)ether	6.63	93	330772	38.858	ng	98
12) 1,3-Dichlorobenzene	6.85	146	369246	37.872	ng	99
13) 1,4-Dichlorobenzene	6.92	146	372610	37.996	ng	99
14) 1,2-Dichlorobenzene	7.07	146	347355	38.542	ng	98
15) Benzyl Alcohol	7.04	79	257278	40.381	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	379860	38.227	ng	91
17) 2-Methylphenol	7.15	107	282901	37.490	ng	97
18) Hexachloroethane	7.42	117	117859	34.285	ng	99
19) n-Nitroso-di-n-propylamine	7.31	70	234755	38.320	ng	100
20) 3+4-Methylphenols	7.30	107	310957	36.473	ng	# 77
22) Acetophenone	7.30	105	458850	46.246	ng	# 94
24) Nitrobenzene	7.47	77	355376	44.538	ng	100
25) Isophorone	7.72	82	630583	42.677	ng	99
26) 2-Nitrophenol	7.79	139	163344	44.873	ng	94
27) 2,4-Dimethylphenol	7.83	122	279986	47.209	ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	409091	43.449	ng	99
29) 2,4-Dichlorophenol	8.04	162	283596	41.816	ng	98
30) 1,2,4-Trichlorobenzene	8.12	180	320437	42.375	ng	97
31) Naphthalene	8.20	128	923402	43.595	ng	99
32) Benzoic acid	7.93	122	104158	26.006	ng	97
33) 4-Chloroaniline	8.25	127	74648	8.329	ng	96
34) Hexachlorobutadiene	8.32	225	195572	41.487	ng	98
35) Caprolactam	8.60	113	57476	26.641	ng	91
36) 4-Chloro-3-methylphenol	8.73	107	260071	38.706	ng	100
37) 2-Methylnaphthalene	8.89	142	606433	42.458	ng	99
38) 1-Methylnaphthalene	8.99	142	568302	41.224	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	308553	48.367	ng	100

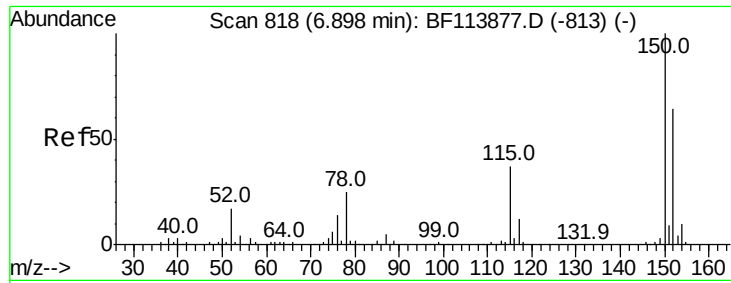
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042319\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	93361	26.244	ng	99
43) 2,4,6-Trichlorophenol	9.17	196	193152	47.681	ng	100
44) 2,4,5-Trichlorophenol	9.22	196	208185	45.819	ng	97
46) 1,1'-Biphenyl	9.36	154	726826	48.446	ng	98
47) 2-Chloronaphthalene	9.38	162	568119	46.565	ng	98
48) 2-Nitroaniline	9.47	65	155187	48.521	ng	96
49) Acenaphthylene	9.80	152	848053	44.400	ng	98
50) Dimethylphthalate	9.65	163	684617	48.201	ng	99
51) 2,6-Dinitrotoluene	9.71	165	142502	46.766	ng	97
52) Acenaphthene	9.97	154	493695	43.737	ng	98
53) 3-Nitroaniline	9.87	138	71369	22.289	ng	95
54) 2,4-Dinitrophenol	9.99	184	28618	27.769	ng	# 1
55) Dibenzofuran	10.14	168	755949	44.708	ng	99
56) 4-Nitrophenol	10.04	139	177774	70.120	ng	99
57) 2,4-Dinitrotoluene	10.12	165	172054	44.734	ng	96
58) Fluorene	10.48	166	553594	43.487	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.26	232	170272	42.643	ng	99
60) Diethylphthalate	10.35	149	620929	46.036	ng	98
61) 4-Chlorophenyl-phenylether	10.47	204	300068	44.509	ng	98
62) 4-Nitroaniline	10.49	138	115199	36.867	ng	95
63) Azobenzene	10.63	77	534016	40.851	ng	96
65) 4,6-Dinitro-2-methylphenol	10.52	198	23674	19.892	ng	97
66) n-Nitrosodiphenylamine	10.59	169	493085	47.226	ng	98
67) 4-Bromophenyl-phenylether	10.96	248	185667	44.168	ng	96
68) Hexachlorobenzene	11.03	284	202227	43.778	ng	98
69) Atrazine	11.12	200	163003	47.992	ng	100
70) Pentachlorophenol	11.23	266	229724	87.835	ng	98
71) Phenanthrene	11.44	178	803558	45.950	ng	99
72) Anthracene	11.50	178	835075	47.288	ng	99
73) Carbazole	11.64	167	738940	46.902	ng	99
74) Di-n-butylphthalate	11.97	149	879809	47.473	ng	99
75) Fluoranthene	12.63	202	937782	49.152	ng	98
77) Benzidine	12.74	184	316379	30.610	ng	96
78) Pyrene	12.86	202	957458	39.469	ng	99
80) Butylbenzylphthalate	13.47	149	406169	42.556	ng	97
81) Benzo(a)anthracene	14.05	228	955040	46.729	ng	99
82) 3,3'-Dichlorobenzidine	14.01	252	339079	45.264	ng	# 98
83) Chrysene	14.09	228	968753	48.670	ng	97
84) Bis(2-ethylhexyl)phthalate	14.04	149	579916	47.756	ng	100
85) Di-n-octyl phthalate	14.66	149	1049550	55.219	ng	98
86) Indeno(1,2,3-cd)pyrene	17.04	276	711584	37.742	ng	98
88) Benzo(b)fluoranthene	15.12	252	964346	49.856	ng	99
89) Benzo(k)fluoranthene	15.15	252	817997	49.164	ng	98
90) Benzo(a)pyrene	15.49	252	789532	47.191	ng	99
91) Dibenzo(a,h)anthracene	17.06	278	614042	39.098	ng	99
92) Benzo(g,h,i)perylene	17.49	276	563571	35.558	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.90 min Scan# 818

Delta R.T. -0.00 min

Lab File: BF113933.D

Acq: 23 Apr 2019 20:58

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BNA_F

ClientSampleId :

TR-05-042219MS

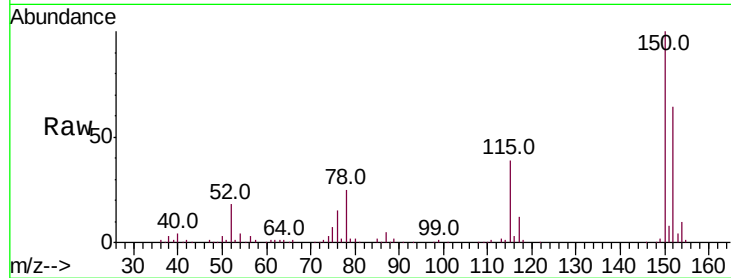
Tot Ion:152 Resp: 128963

Ion Ratio Lower Upper

152 100

150 157.3 125.9 188.9

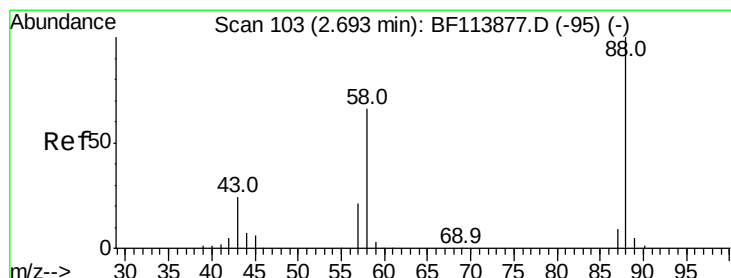
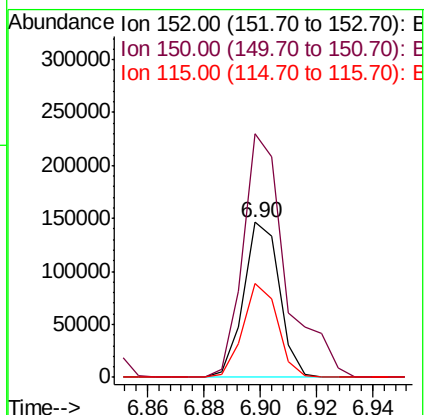
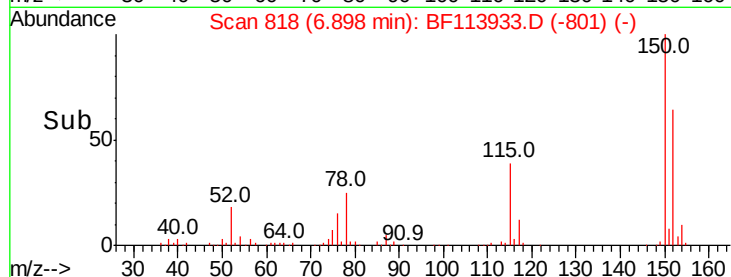
115 60.7 45.9 68.9



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: 33.699 ng

RT: 2.86 min Scan# 131

Delta R.T. 0.16 min

Lab File: BF113933.D

Acq: 23 Apr 2019 20:58

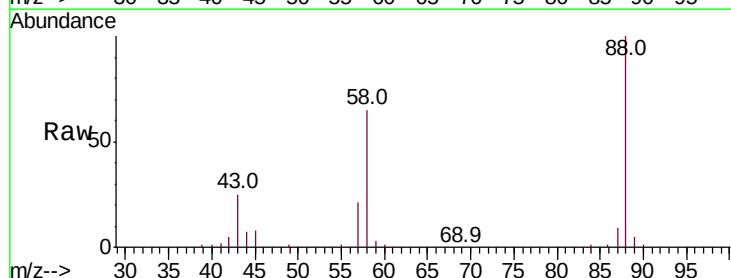
Tgt Ion: 88 Resp: 119776

Ion Ratio Lower Upper

88 100

58 64.9 53.3 79.9

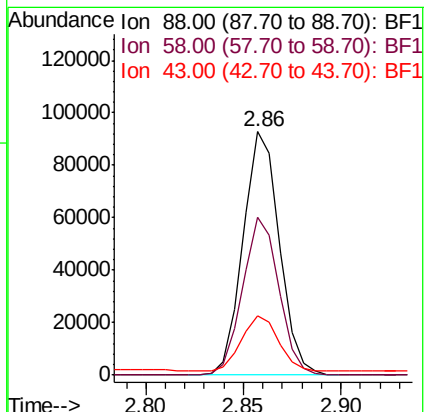
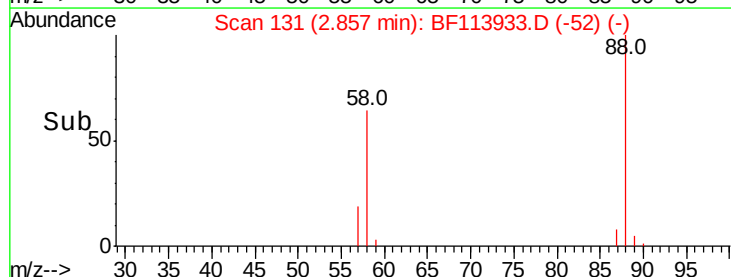
43 0.0 19.0 28.4#

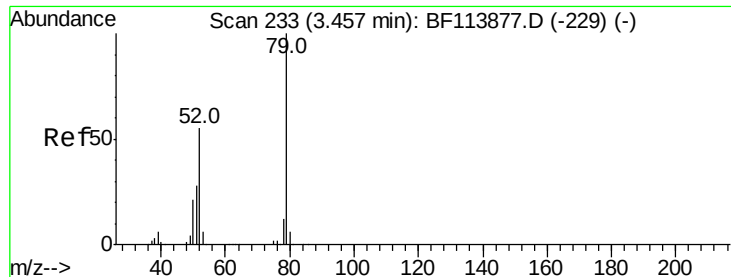


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1

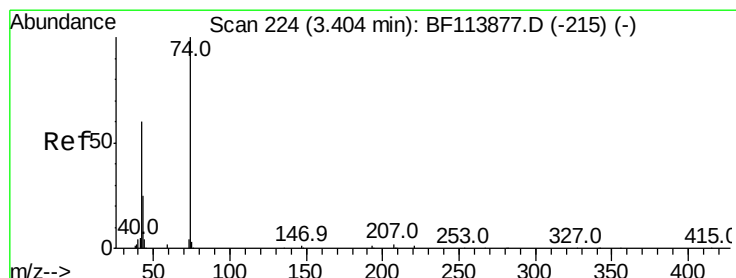
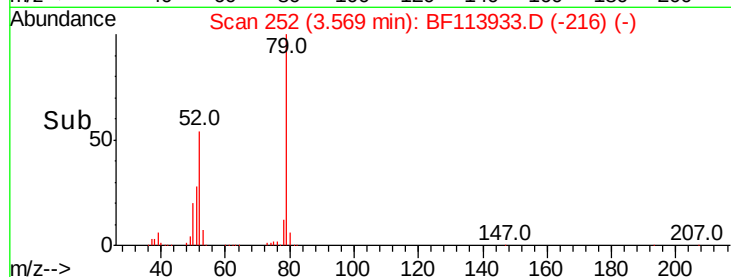
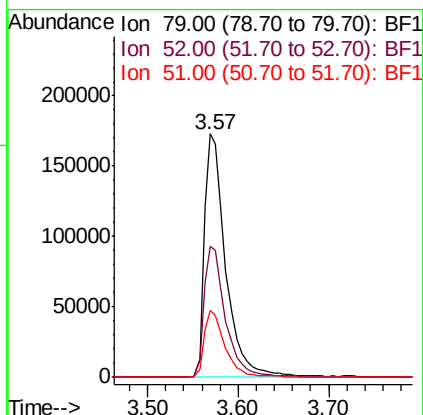
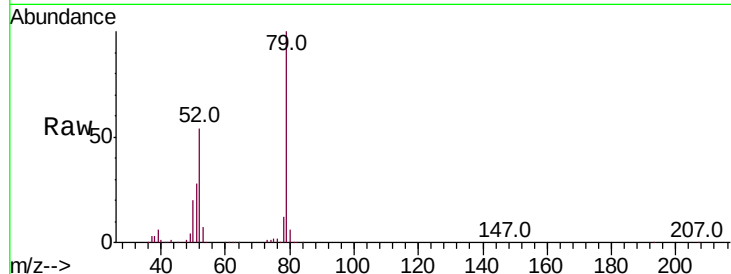




#3
 Pvridine
 Concen: 29.554 ng
 RT: 3.57 min Scan# 252
 Delta R.T. 0.11 min
 Lab File: BF113933.D
 Acq: 23 Apr 2019 20:58

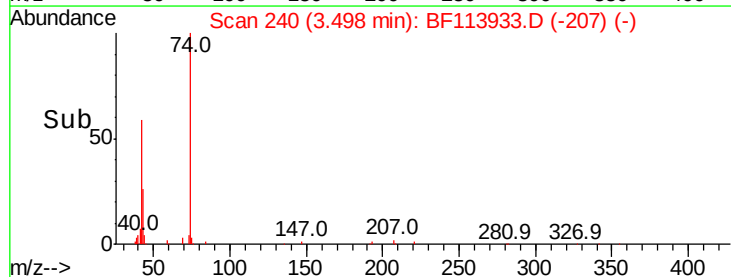
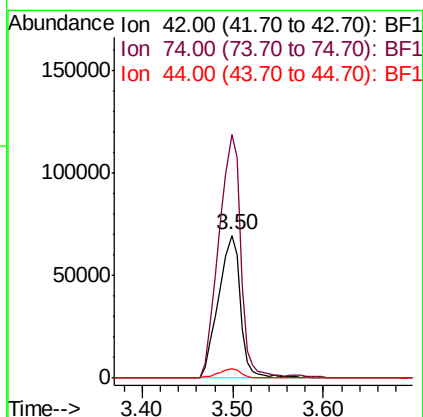
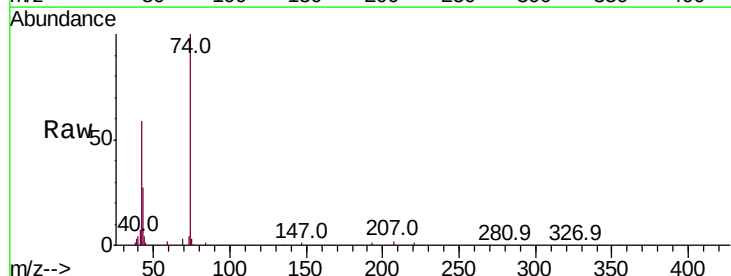
Instrument :
 BNA_F
 ClientSampleId :
 TR-05-042219MS

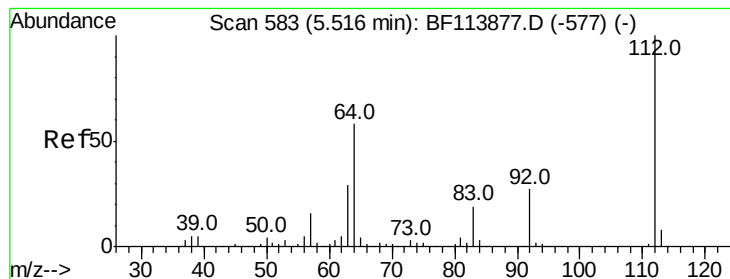
Tot Ion: 79 Resp: 286729
 Ion Ratio Lower Upper
 79 100
 52 53.7 45.3 67.9
 51 27.7 22.1 33.1



#4
 n-Nitrosodimethylamine
 Concen: 35.539 ng
 RT: 3.50 min Scan# 240
 Delta R.T. 0.09 min
 Lab File: BF113933.D
 Acq: 23 Apr 2019 20:58

Tgt Ion: 42 Resp: 118026
 Ion Ratio Lower Upper
 42 100
 74 170.8 132.6 198.8
 44 7.0 5.8 8.8





#5

2-Fluorophenol

Concen: 100.640 ng

RT: 5.54 min Scan# 587

Delta R.T. 0.02 min

Lab File: BF113933.D

Acq: 23 Apr 2019 20:58

Instrument :

BNA_F

ClientSampleId :

TR-05-042219MS

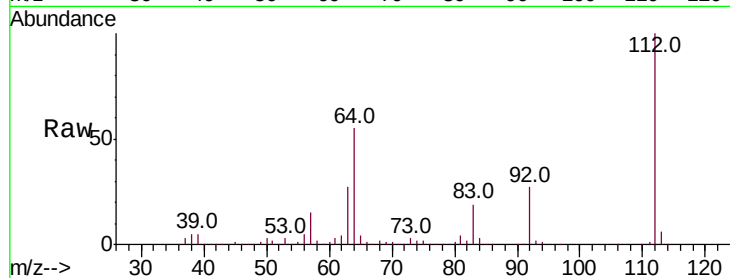
Tot Ion:112 Resp: 758839

Ion Ratio Lower Upper

112 100

64 55.1 46.6 69.8

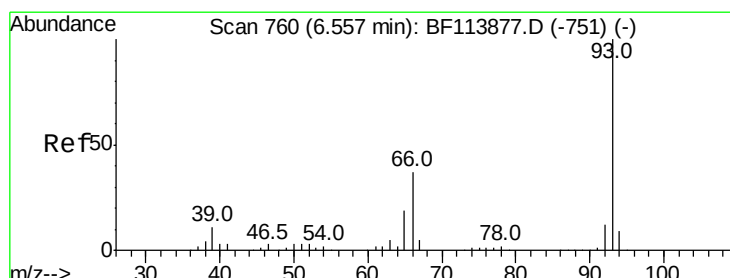
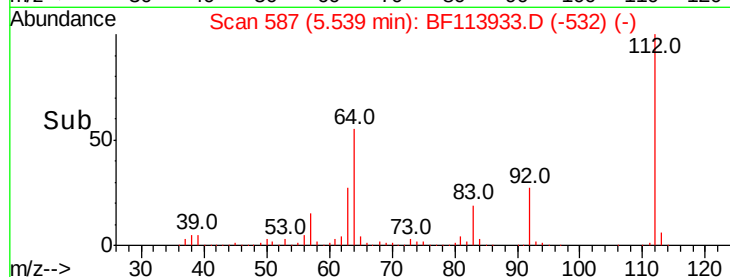
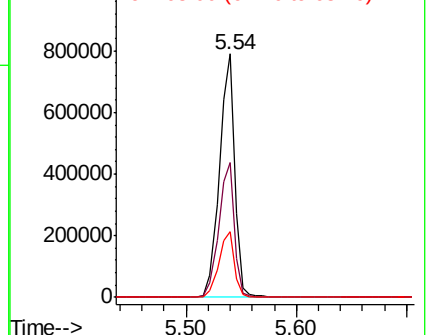
63 27.2 23.1 34.7



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: 12.395 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.01 min

Lab File: BF113933.D

Acq: 23 Apr 2019 20:58

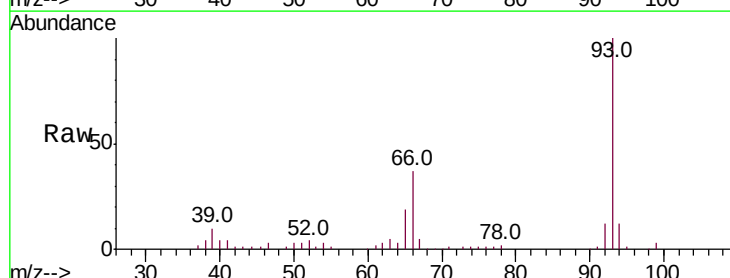
Tgt Ion: 93 Resp: 161019

Ion Ratio Lower Upper

93 100

66 37.1 29.8 44.6

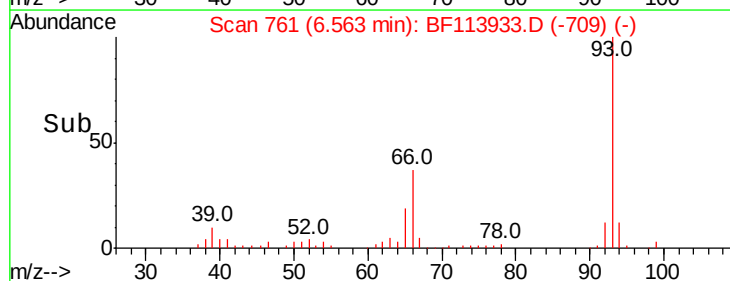
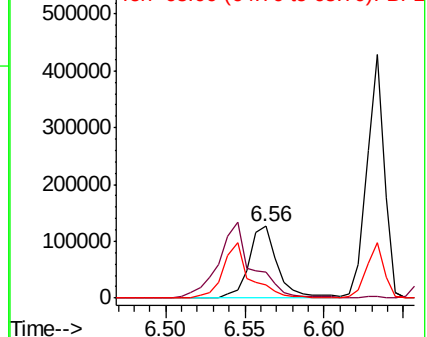
65 18.7 14.9 22.3

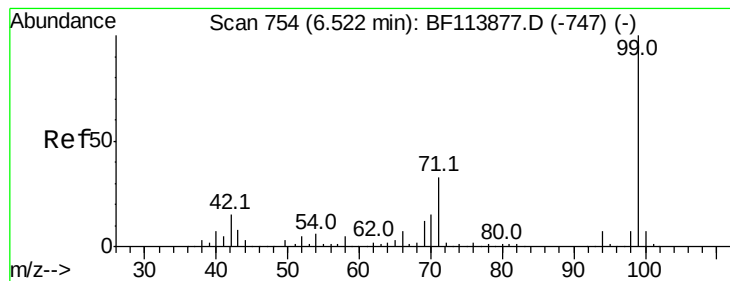


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 91.284 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF113933.D

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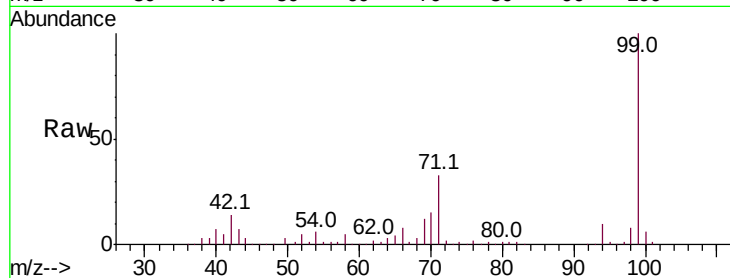
Tot Ion: 99 Resp: 863547

Ion Ratio Lower Upper

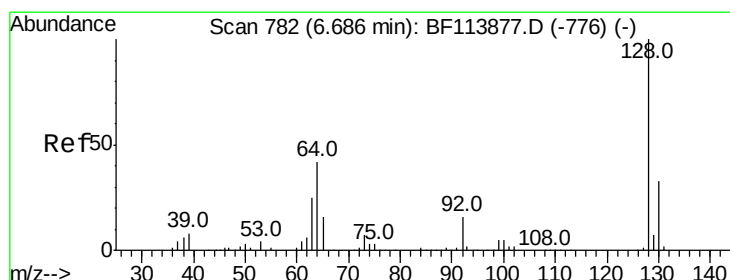
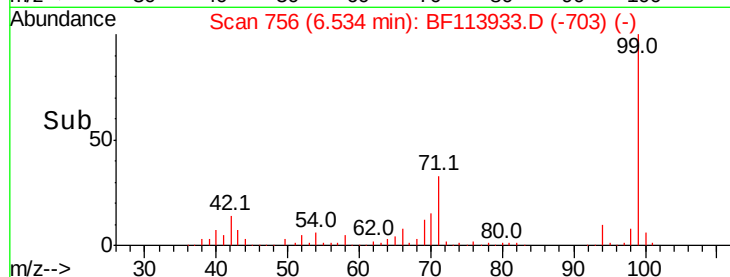
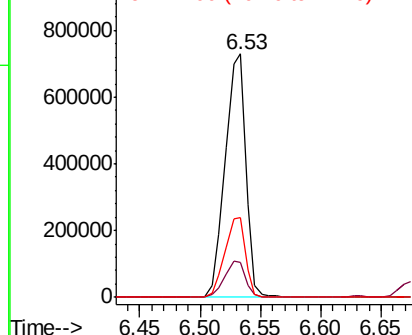
99 100

42 14.5 12.5 18.7

71 32.7 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: 37.385 ng

RT: 6.69 min Scan# 783

Delta R.T. 0.01 min

Lab File: BF113933.D

Acq: 23 Apr 2019 20:58

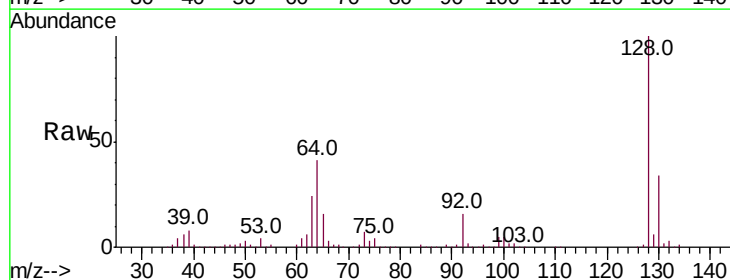
Tgt Ion: 128 Resp: 321829

Ion Ratio Lower Upper

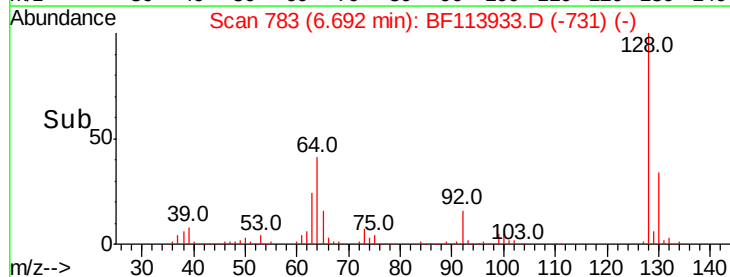
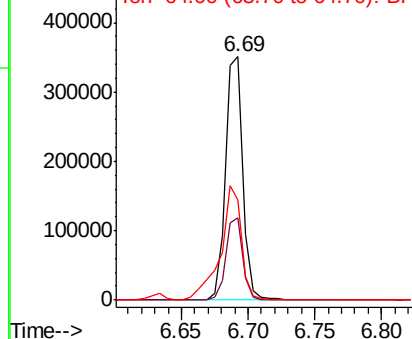
128 100

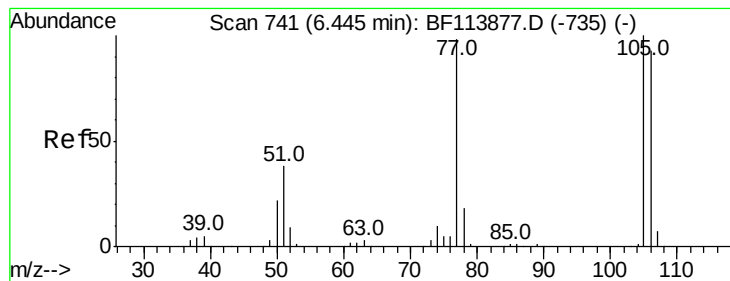
130 33.7 12.3 52.3

64 41.2 26.1 66.1



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: 8.730 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

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TR-05-042219MS

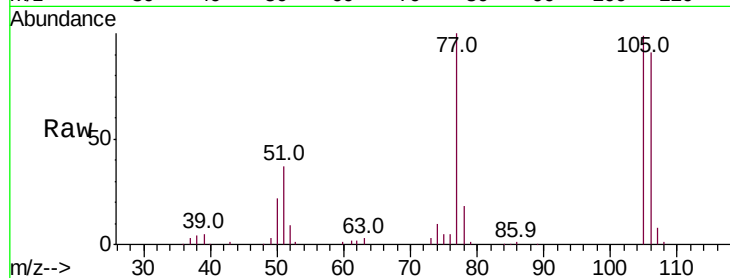
Tot Ion: 77 Resp: 71420

Ion Ratio Lower Upper

77 100

105 98.8 74.1 114.1

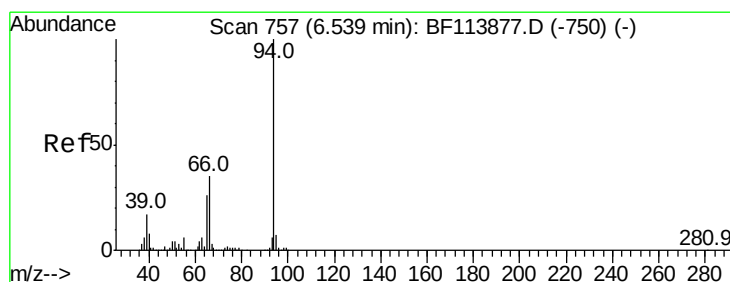
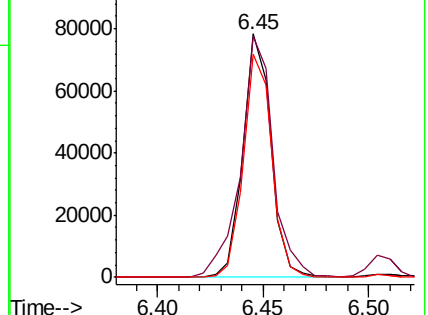
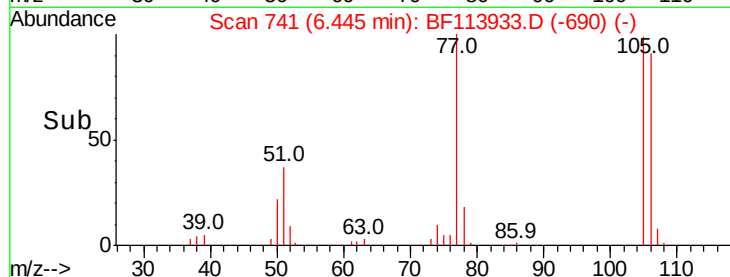
106 91.5 70.3 110.3



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: 28.664 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.01 min

Lab File: BF113933.D

Acq: 23 Apr 2019 20:58

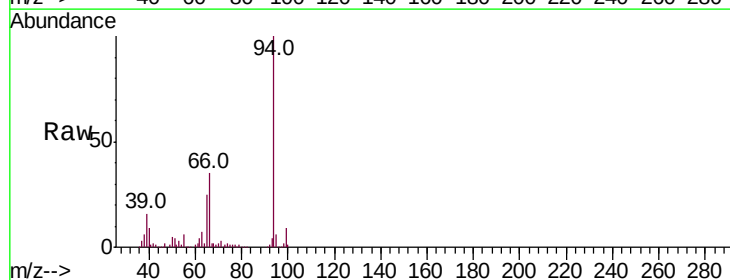
Tgt Ion: 94 Resp: 324243

Ion Ratio Lower Upper

94 100

65 25.4 8.1 48.1

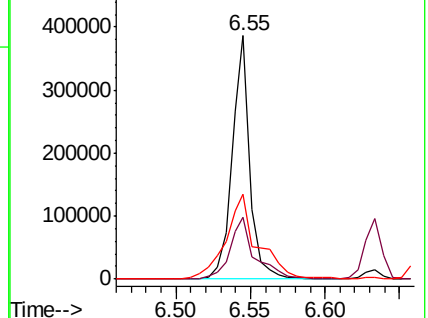
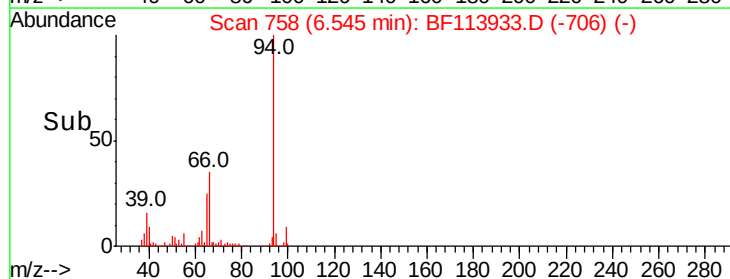
66 34.8 16.6 56.6

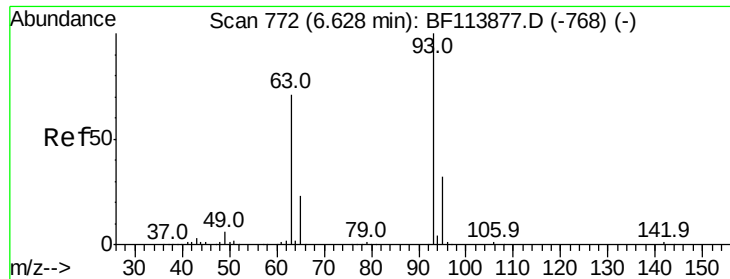


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

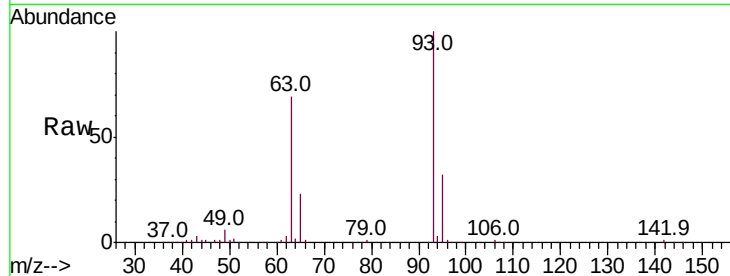




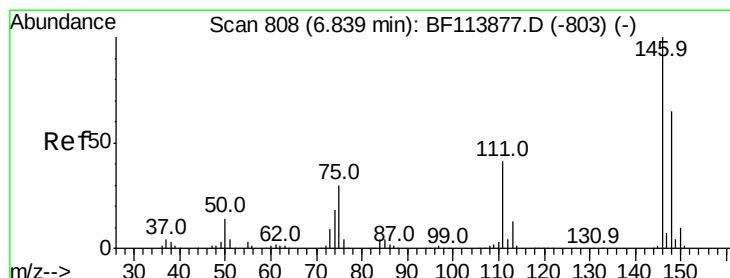
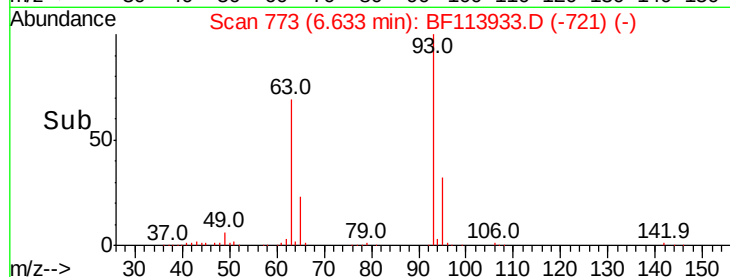
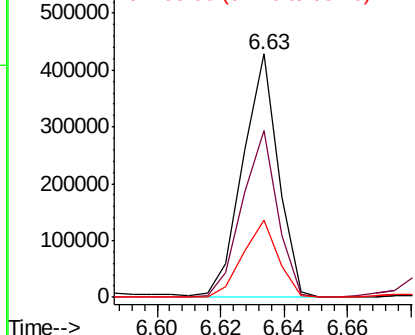
#11
bis(2-Chloroethyl)ether
Concen: 38.858 ng
RT: 6.63 min Scan# 773
Delta R.T. 0.01 min
Lab File: BF113933.D
Acq: 23 Apr 2019 20:58

Instrument :
BNA_F
ClientSampleId :
TR-05-042219MS

Tot Ion: 93 Resp: 330772
Ion Ratio Lower Upper
93 100
63 68.8 50.7 90.7
95 31.9 12.3 52.3

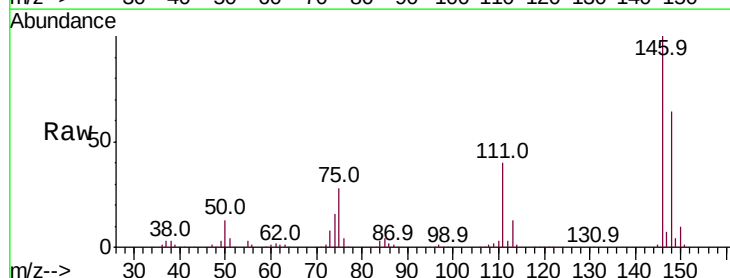


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

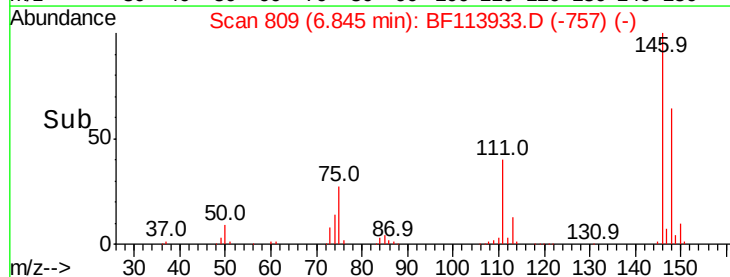
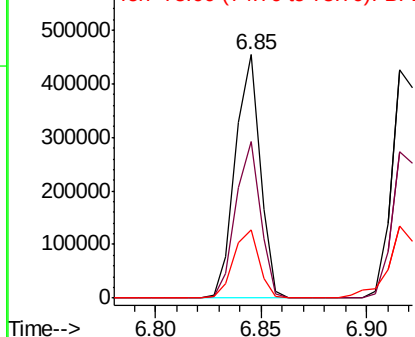


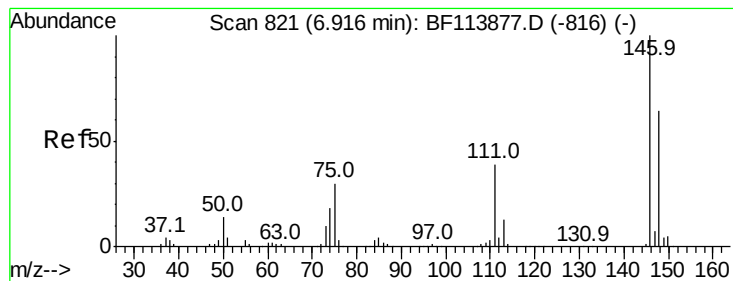
#12
1,3-Dichlorobenzene
Concen: 37.872 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.01 min
Lab File: BF113933.D
Acq: 23 Apr 2019 20:58

Tgt Ion: 146 Resp: 369246
Ion Ratio Lower Upper
146 100
148 64.2 51.0 76.6
75 28.0 23.8 35.8



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: 37.996 ng

RT: 6.92 min Scan# 821

Delta R.T. -0.00 min

Lab File: BF113933.D

Acq: 23 Apr 2019 20:58

Instrument :

BNA_F

ClientSampleId :

TR-05-042219MS

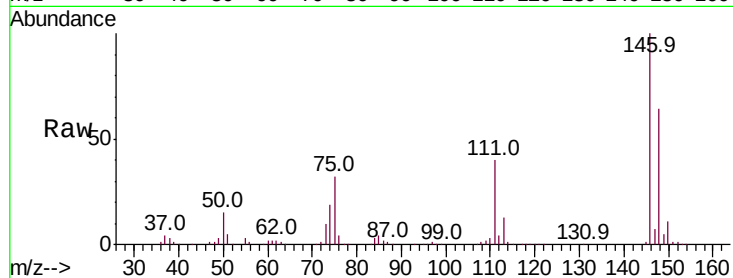
Tot Ion:146 Resp: 372610

Ion Ratio Lower Upper

146 100

148 64.5 51.8 77.8

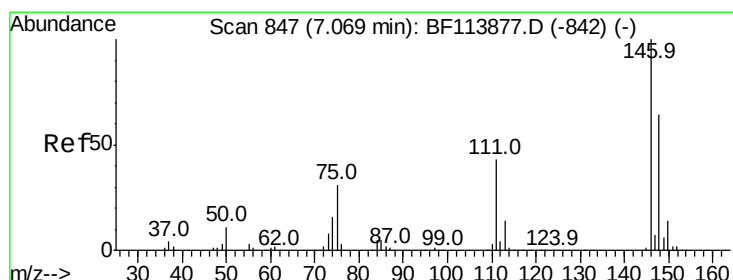
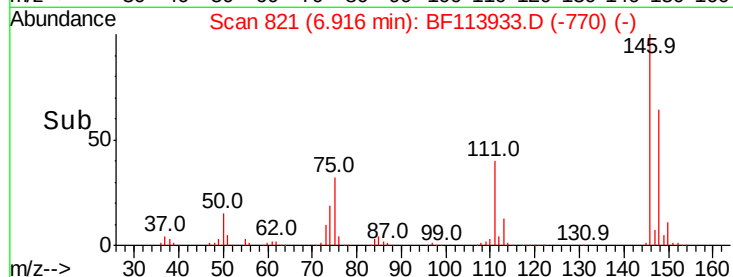
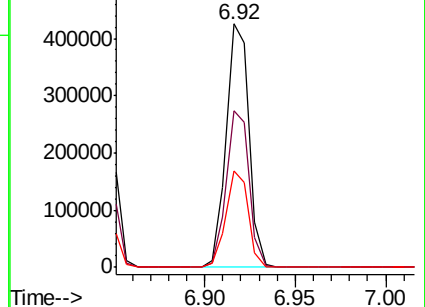
111 39.8 30.9 46.3



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: 38.542 ng

RT: 7.07 min Scan# 848

Delta R.T. 0.01 min

Lab File: BF113933.D

Acq: 23 Apr 2019 20:58

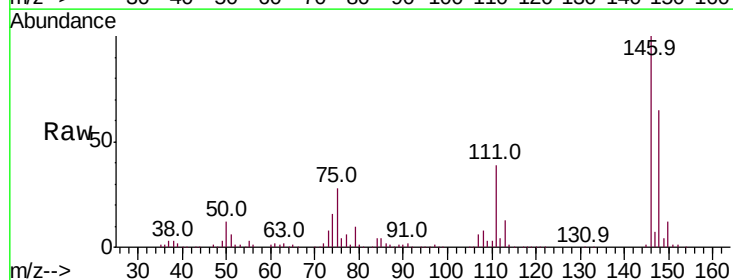
Tgt Ion:146 Resp: 347355

Ion Ratio Lower Upper

146 100

148 65.0 52.1 78.1

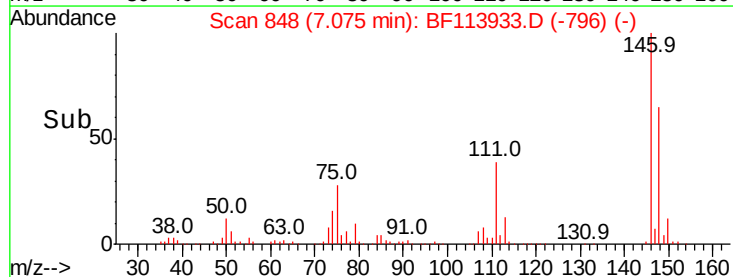
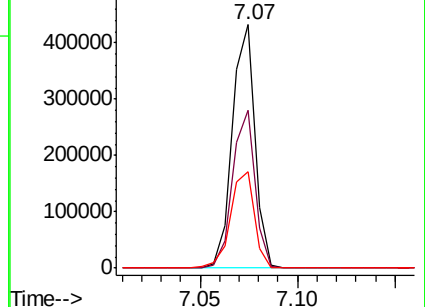
111 39.5 34.2 51.4

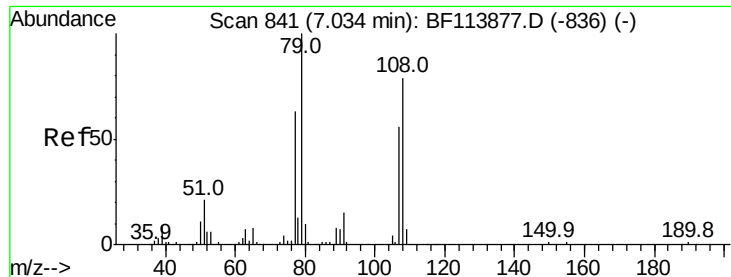


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.381 ng

RT: 7.04 min Scan# 842

Delta R.T. 0.01 min

Lab File: BF113933.D

Acq: 23 Apr 2019 20:58

Instrument :

BNA_F

ClientSampleId :

TR-05-042219MS

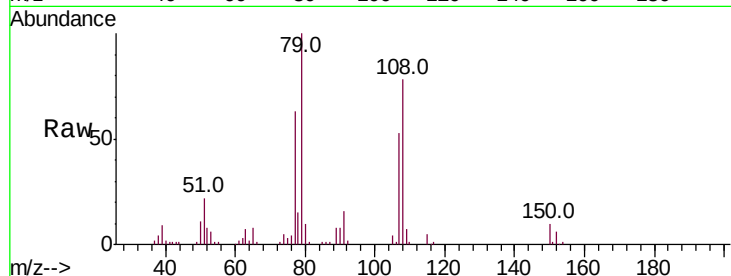
Tot Ion: 79 Resp: 257278

Ion Ratio Lower Upper

79 100

108 78.1 61.4 92.0

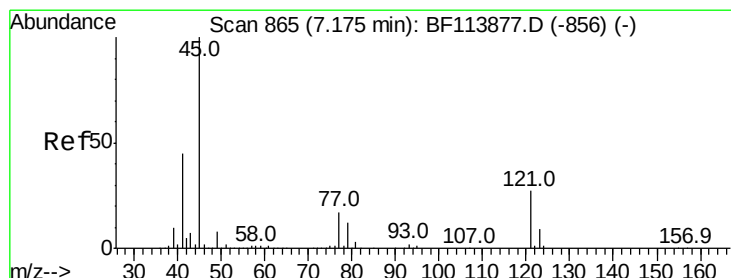
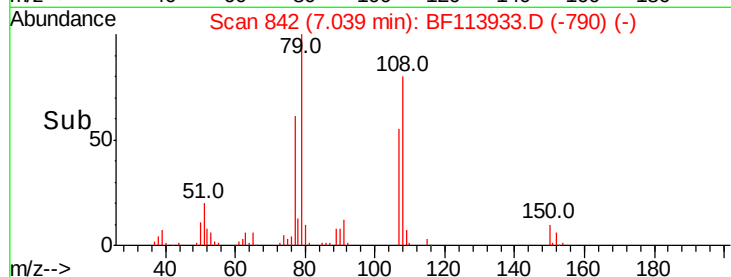
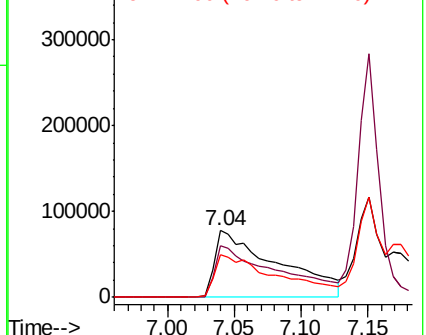
77 63.4 51.6 77.4



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: 38.227 ng

RT: 7.17 min Scan# 865

Delta R.T. -0.00 min

Lab File: BF113933.D

Acq: 23 Apr 2019 20:58

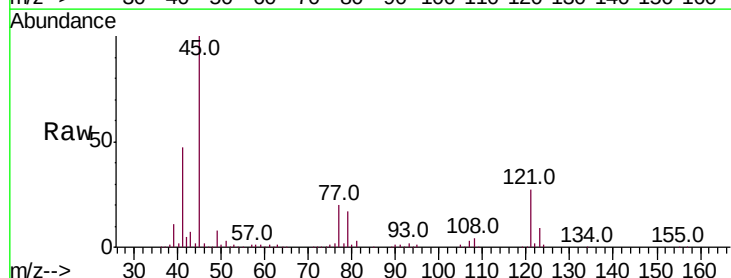
Tgt Ion: 45 Resp: 379860

Ion Ratio Lower Upper

45 100

77 20.4 0.0 37.0

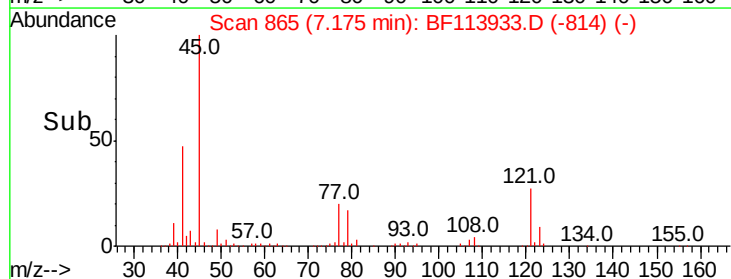
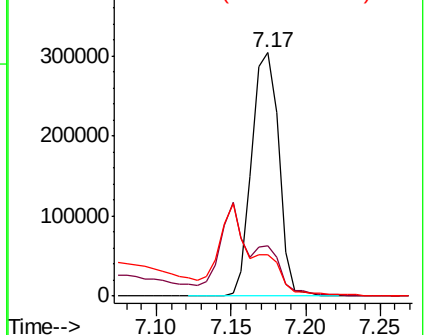
79 16.7 0.0 32.7

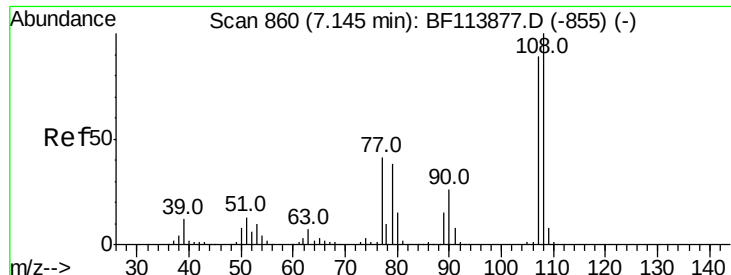


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

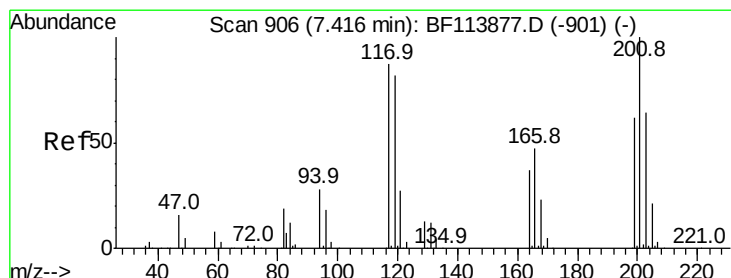
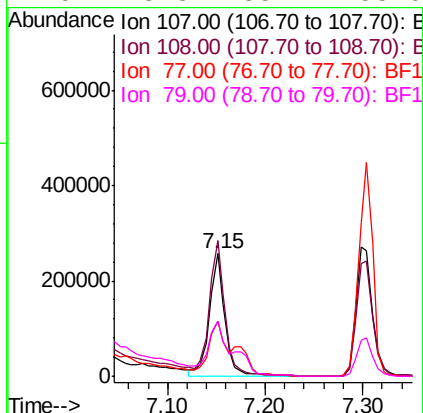
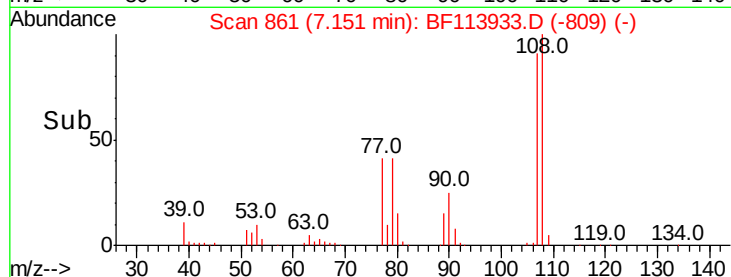
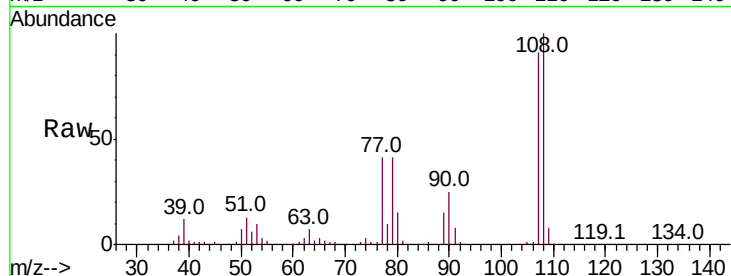




#17
2-Methylphenol
Concen: 37.490 ng
RT: 7.15 min Scan# 861
Delta R.T. 0.01 min
Lab File: BF113933.D
Acq: 23 Apr 2019 20:58

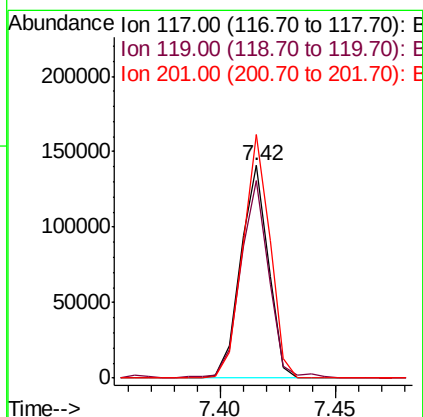
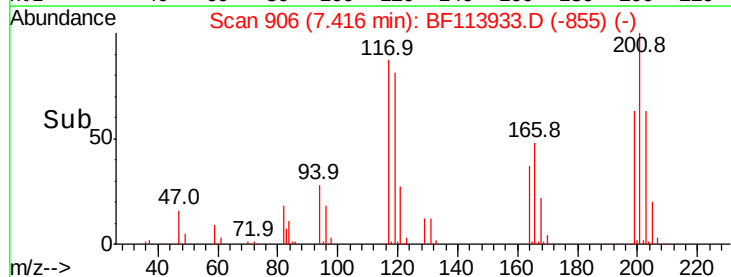
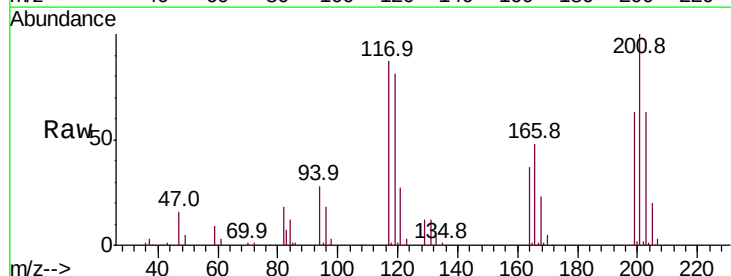
Instrument :
BNA_F
ClientSampleId :
TR-05-042219MS

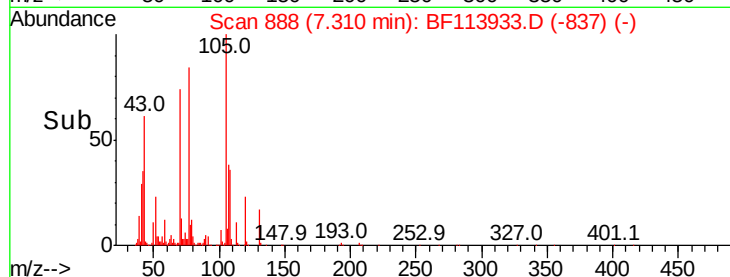
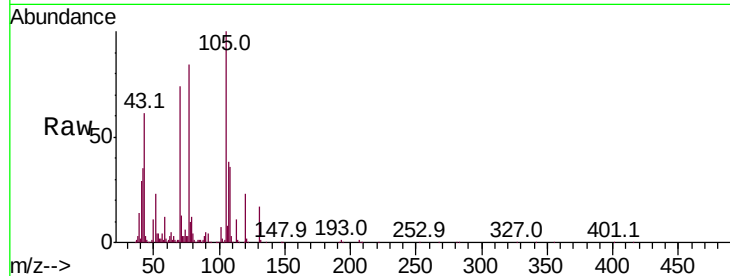
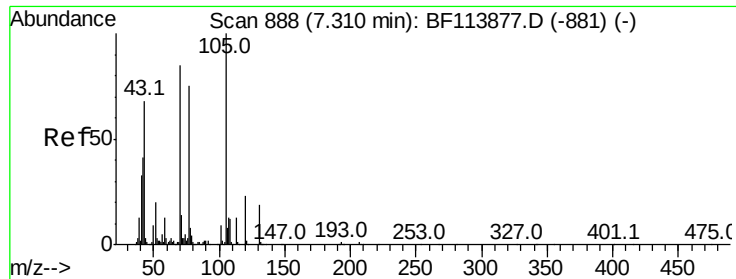
Tot Ion:107 Resp: 282901
Ion Ratio Lower Upper
107 100
108 110.3 91.5 137.3
77 45.3 36.2 54.4
79 45.3 35.4 53.0



#18
Hexachloroethane
Concen: 34.285 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF113933.D
Acq: 23 Apr 2019 20:58

Tgt Ion:117 Resp: 117859
Ion Ratio Lower Upper
117 100
119 93.2 74.4 111.6
201 114.6 90.2 135.2

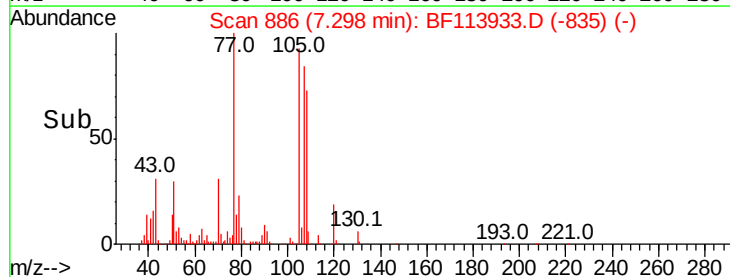
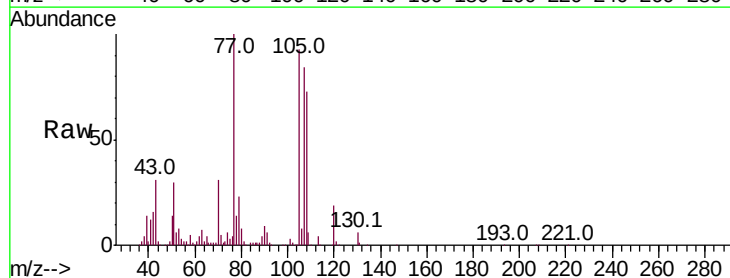
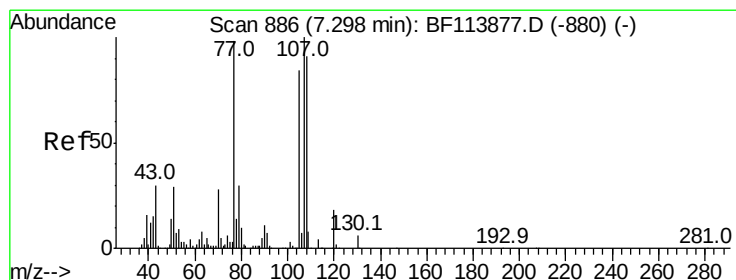
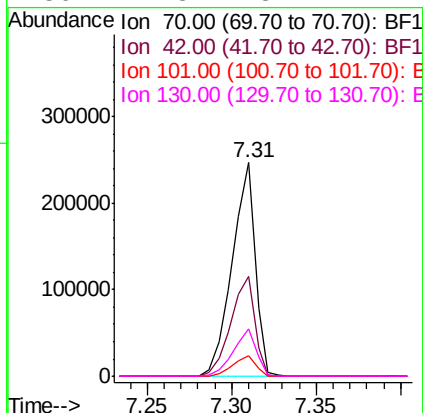




#19
n-Nitroso-di-n-propylamine
Concen: 38.320 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.00 min
Lab File: BF113933.D
Acq: 23 Apr 2019 20:58

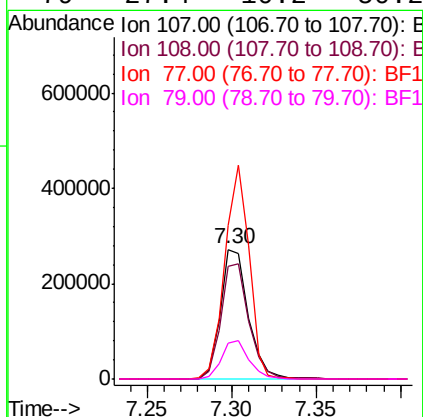
Instrument :
BNA_F
ClientSampleId :
TR-05-042219MS

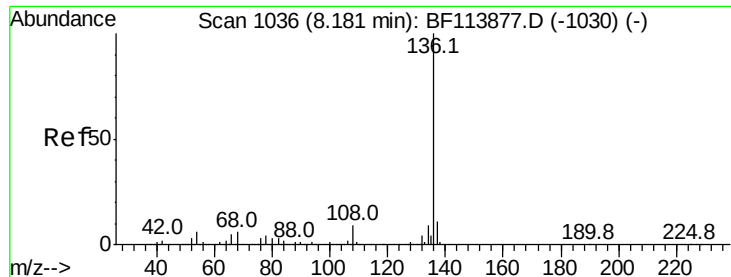
Tot Ion:	70	Resp:	234755
Ion	Ratio	Lower	Upper
70	100		
42	46.7	37.3	55.9
101	9.6	7.8	11.8
130	22.3	18.2	27.2



#20
3+4-Methylphenols
Concen: 36.473 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF113933.D
Acq: 23 Apr 2019 20:58

Tgt Ion:	107	Resp:	310957
Ion	Ratio	Lower	Upper
107	100		
108	86.4	70.1	110.1
77	118.9	52.9	92.9#
79	27.4	10.2	50.2

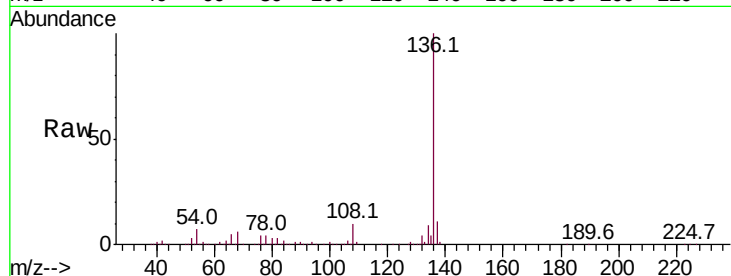




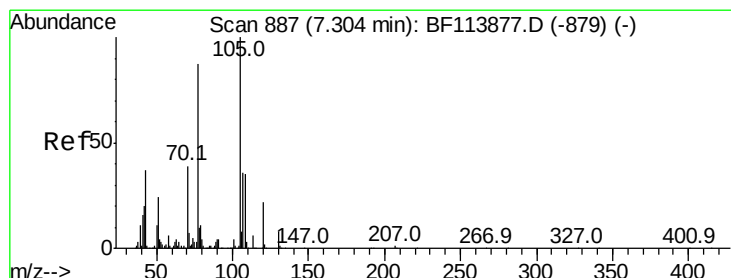
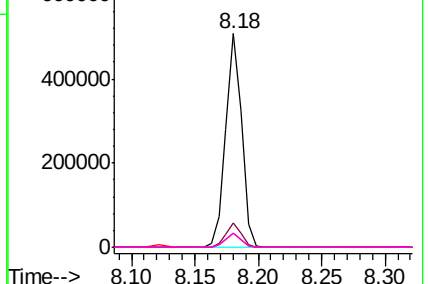
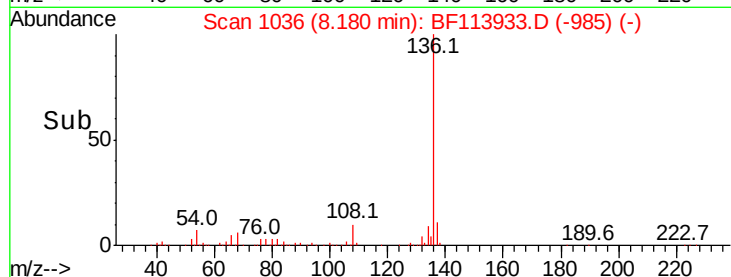
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF113933.D
Acq: 23 Apr 2019 20:58

Instrument :
BNA_F
ClientSampleId :
TR-05-042219MS

Tot Ion:136	Resp:	445867
Ion Ratio	Lower	Upper
136 100		
137 11.2	8.6	12.8
54 6.6	5.0	7.6
68 6.3	4.9	7.3

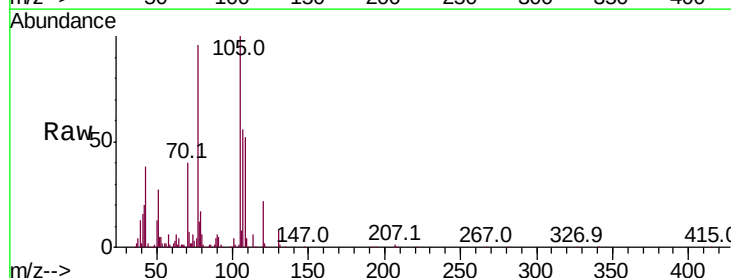


Abundance Ion 136.00 (135.70 to 136.70): E
800000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

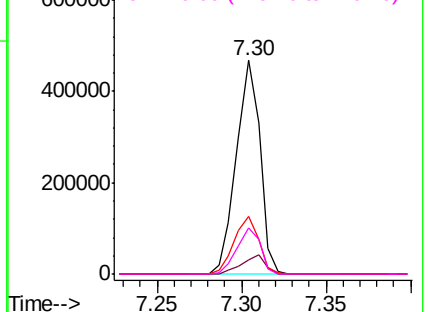
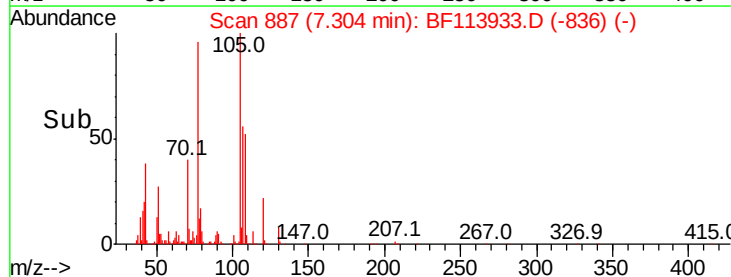


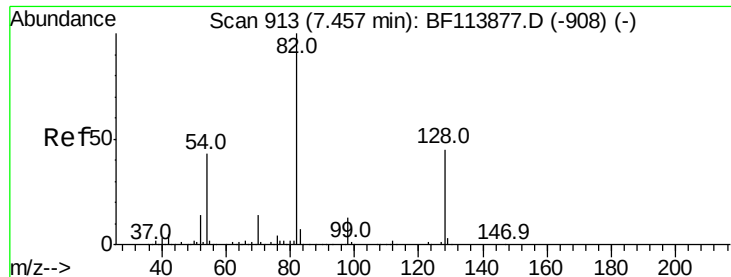
#22
Acetophenone
Concen: 46.246 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF113933.D
Acq: 23 Apr 2019 20:58

Tgt	Ion:105	Resp:	458850
Ion	Ratio	Lower	Upper
105	100		
71	6.7	6.1	9.1
51	27.2	16.8	25.2#
120	21.7	17.6	26.4



Abundance Ion 105.00 (104.70 to 105.70): E
600000
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: 90.474 ng

RT: 7.46 min Scan# 913

Delta R.T. -0.00 min

Lab File: BF113933.D

Acq: 23 Apr 2019 20:58

Instrument :

BNA_F

ClientSampleId :

TR-05-042219MS

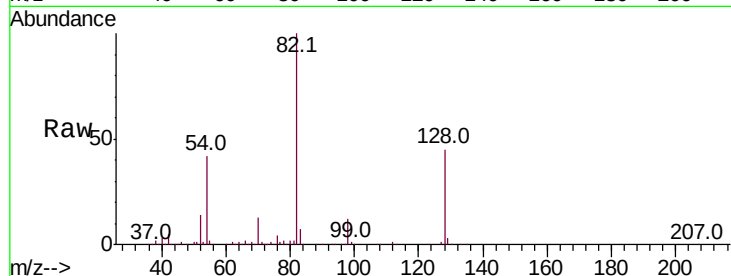
Tot Ion: 82 Resp: 653331

Ion Ratio Lower Upper

82 100

128 45.5 36.8 55.2

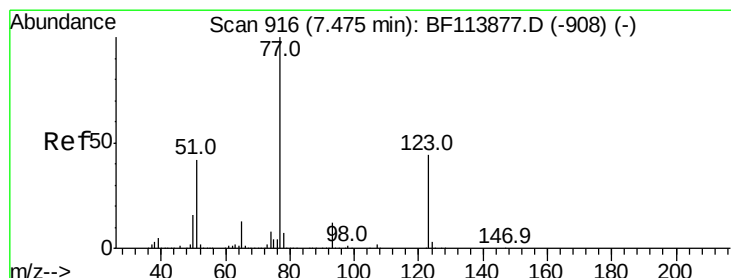
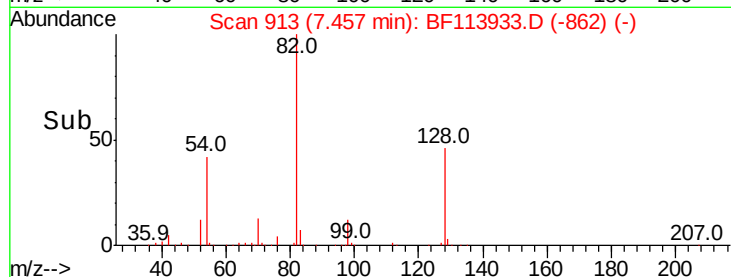
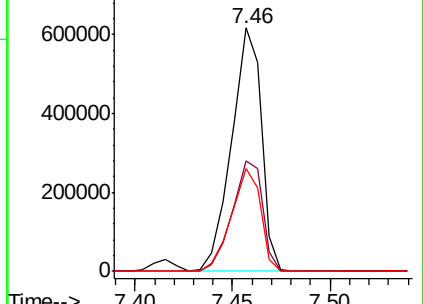
54 42.4 33.8 50.6



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: 44.538 ng

RT: 7.47 min Scan# 916

Delta R.T. -0.00 min

Lab File: BF113933.D

Acq: 23 Apr 2019 20:58

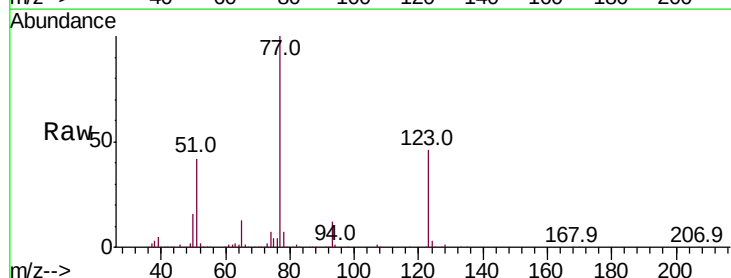
Tgt Ion: 77 Resp: 355376

Ion Ratio Lower Upper

77 100

123 45.6 36.3 54.5

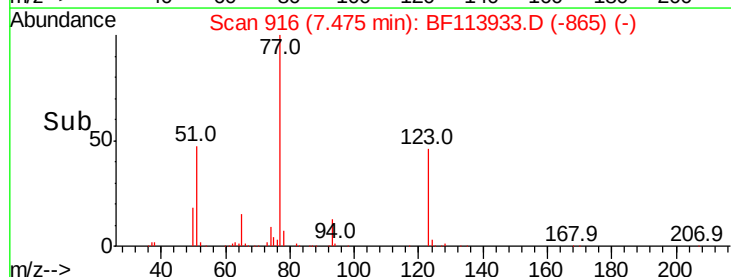
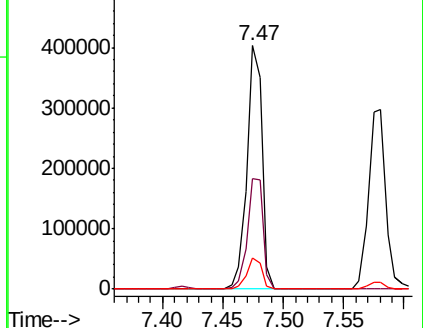
65 12.9 10.3 15.5

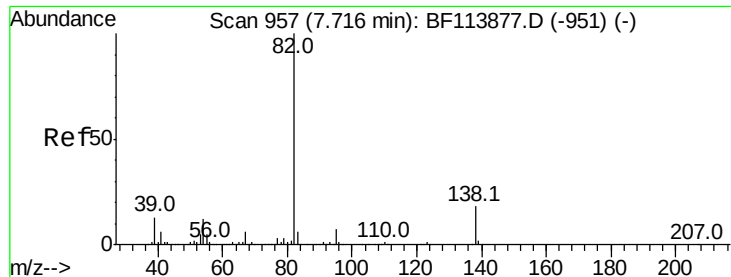


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 42.677 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF113933.D

Acq: 23 Apr 2019 20:58

Instrument :

BNA_F

ClientSampleId :

TR-05-042219MS

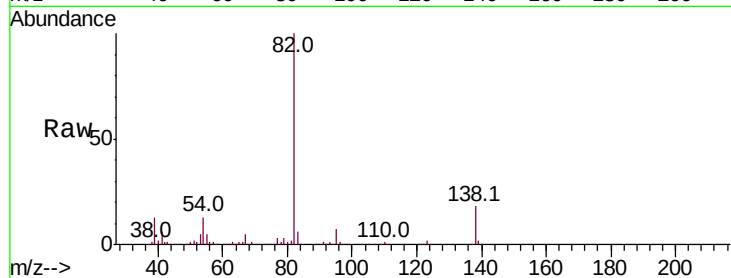
Tot Ion: 82 Resp: 630583

Ion Ratio Lower Upper

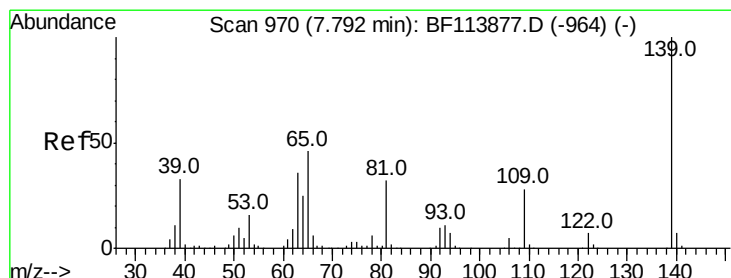
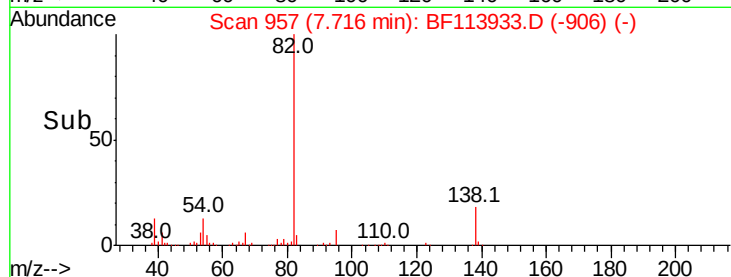
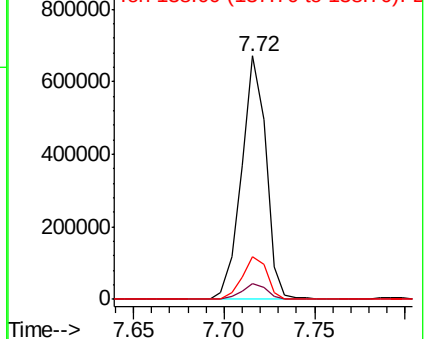
82 100

95 6.6 5.4 8.2

138 17.7 14.6 22.0



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 44.873 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.00 min

Lab File: BF113933.D

Acq: 23 Apr 2019 20:58

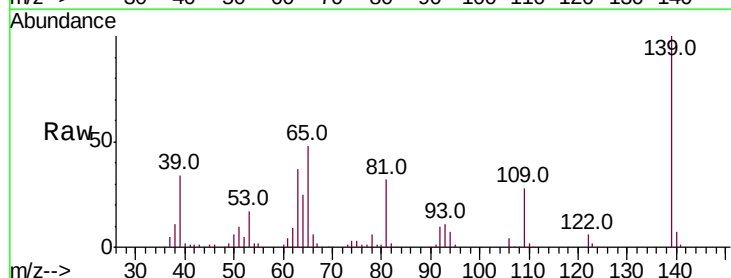
Tgt Ion: 139 Resp: 163344

Ion Ratio Lower Upper

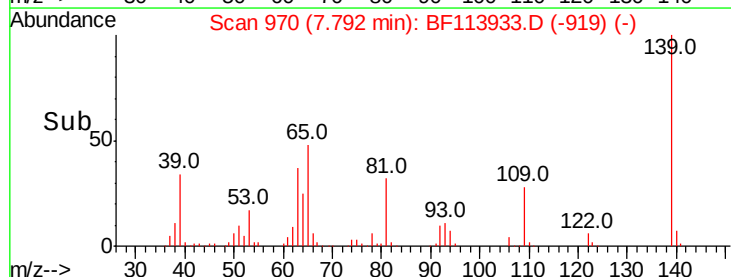
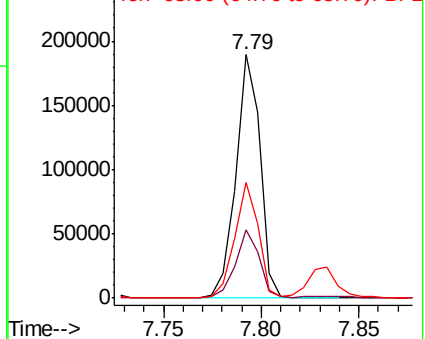
139 100

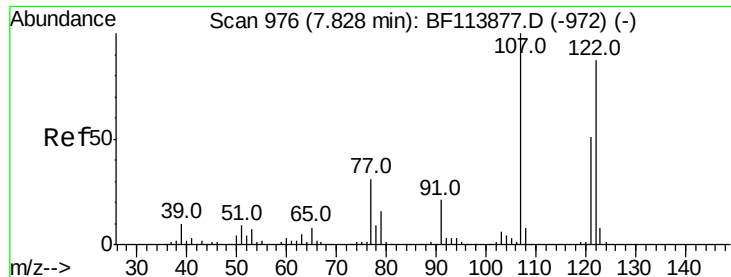
109 28.2 20.6 31.0

65 47.7 34.6 52.0



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

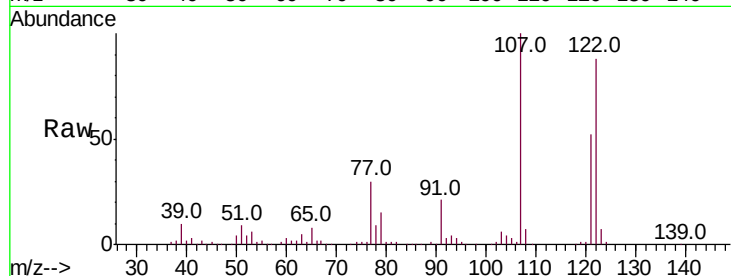




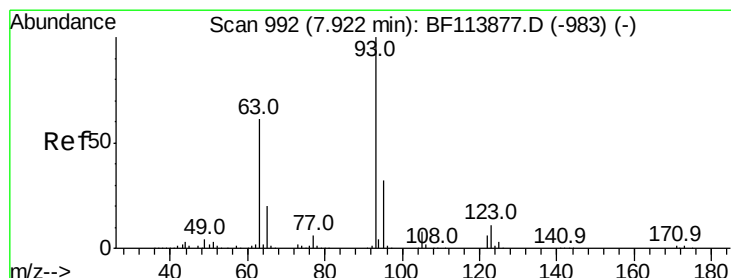
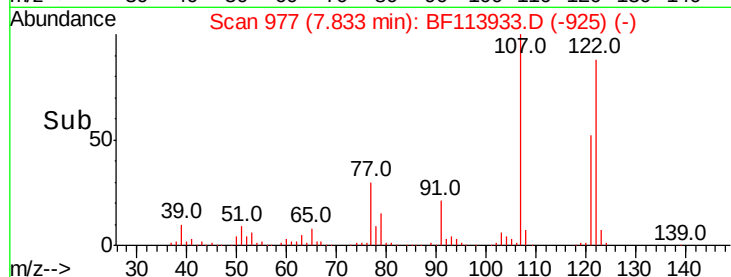
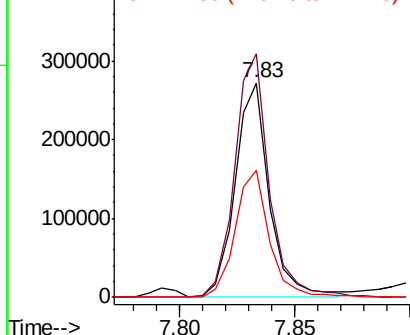
#27
2,4-Dimethylphenol
Concen: 47.209 ng
RT: 7.83 min Scan# 977
Delta R.T. 0.01 min
Lab File: BF113933.D
Acq: 23 Apr 2019 20:58

Instrument :
BNA_F
ClientSampleId :
TR-05-042219MS

Tot Ion:122 Resp: 279986
Ion Ratio Lower Upper
122 100
107 113.6 91.2 136.8
121 59.2 46.4 69.6

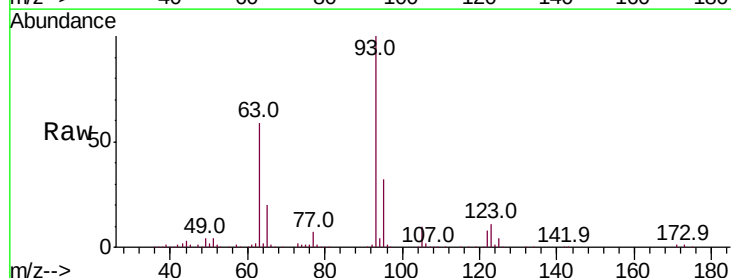


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

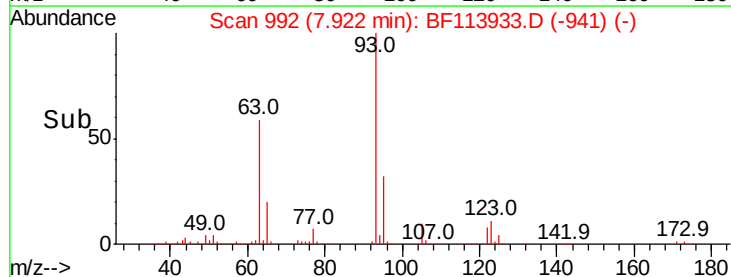
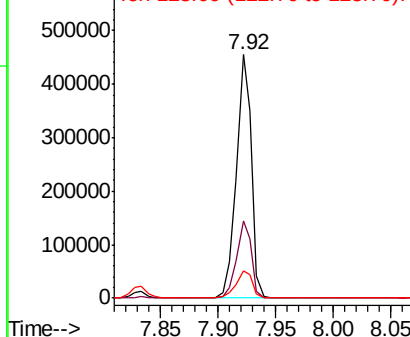


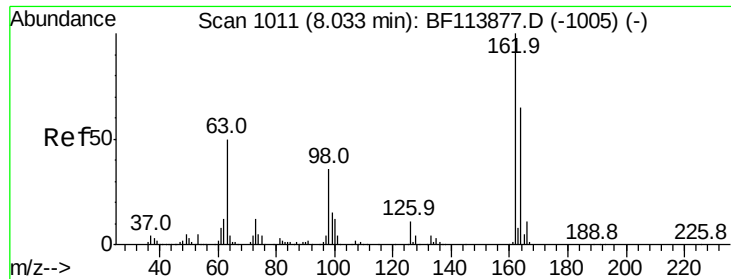
#28
bis(2-Chloroethoxy)methane
Concen: 43.449 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.00 min
Lab File: BF113933.D
Acq: 23 Apr 2019 20:58

Tgt Ion: 93 Resp: 409091
Ion Ratio Lower Upper
93 100
95 31.7 25.8 38.6
123 11.3 9.0 13.6



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

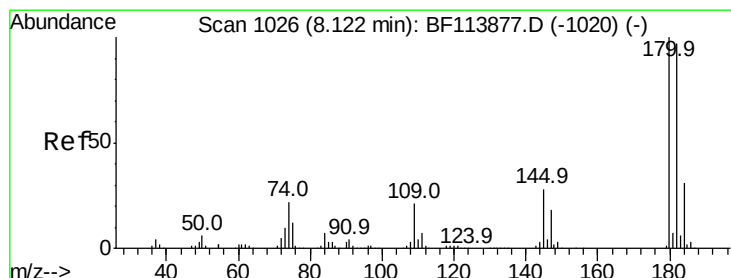
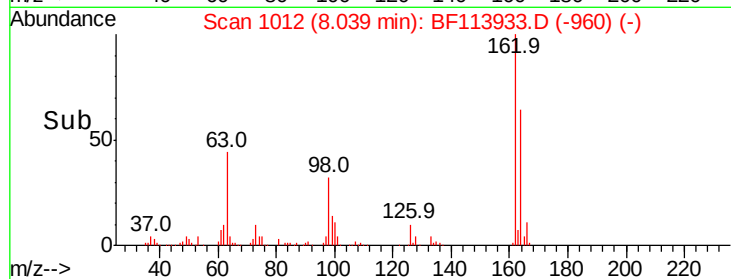
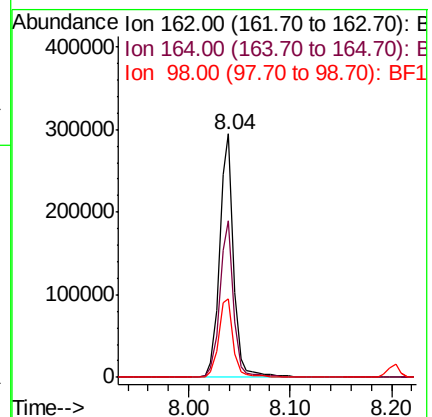
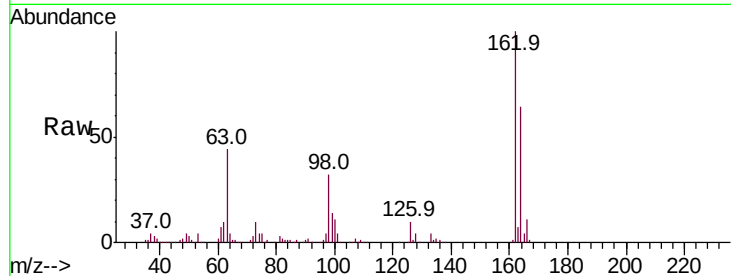




#29
 2,4-Dichlorophenol
 Concen: 41.816 ng
 RT: 8.04 min Scan# 1012
 Delta R.T. 0.01 min
 Lab File: BF113933.D
 Acq: 23 Apr 2019 20:58

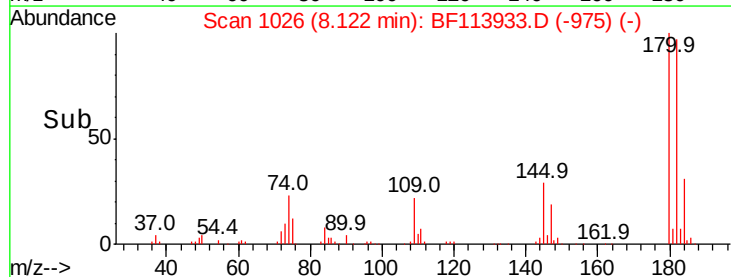
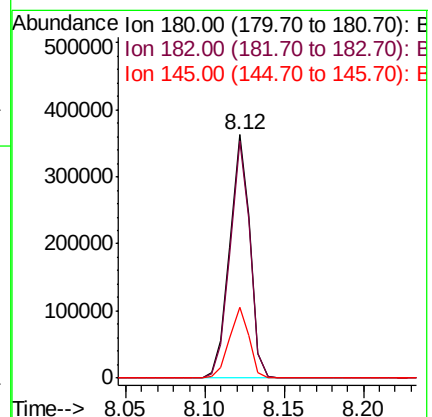
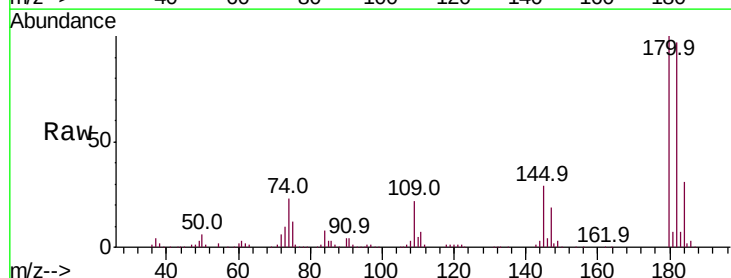
Instrument :
 BNA_F
 ClientSampleId :
 TR-05-042219MS

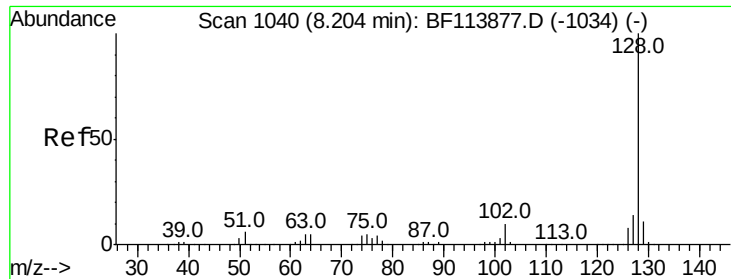
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.4	43.7	83.7
98	32.4	15.5	55.5



#30
 1,2,4-Trichlorobenzene
 Concen: 42.375 ng
 RT: 8.12 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BF113933.D
 Acq: 23 Apr 2019 20:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.3	75.4	113.0
145	28.8	23.0	34.4

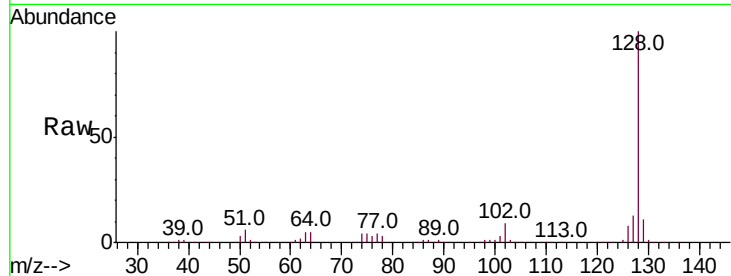




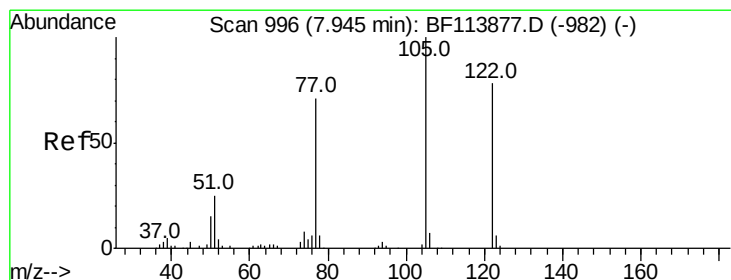
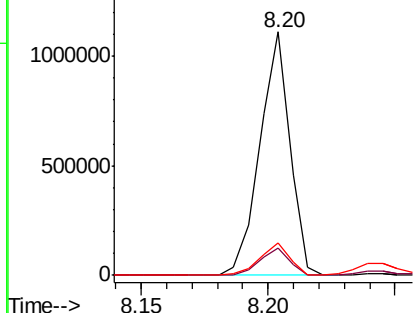
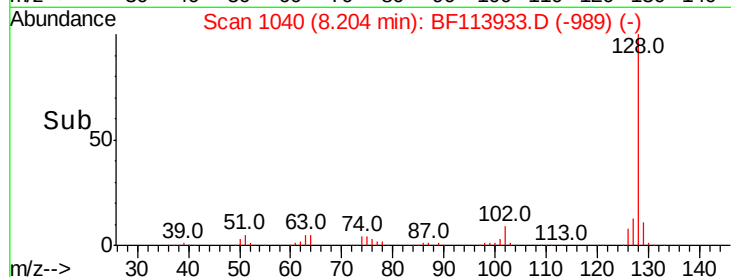
#31
Naphthalene
Concen: 43.595 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF113933.D
Acq: 23 Apr 2019 20:58

Instrument :
BNA_F
ClientSampleId :
TR-05-042219MS

Tot Ion:128 Resp: 923402
Ion Ratio Lower Upper
128 100
129 11.4 9.4 14.0
127 13.3 10.8 16.2

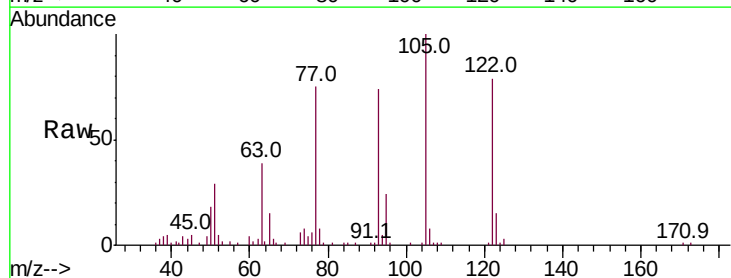


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

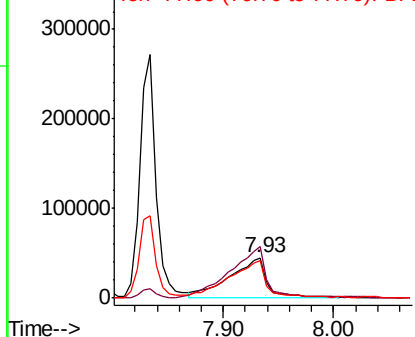
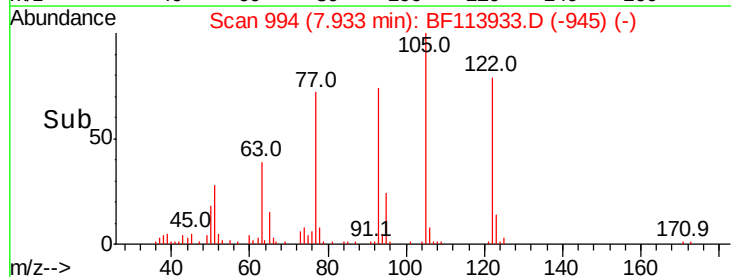


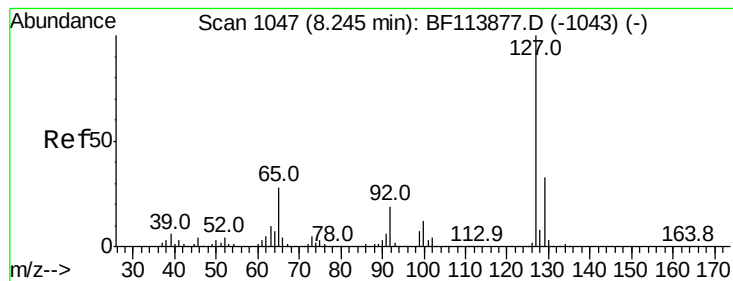
#32
Benzoic acid
Concen: 26.006 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF113933.D
Acq: 23 Apr 2019 20:58

Tgt Ion:122 Resp: 104158
Ion Ratio Lower Upper
122 100
105 126.9 104.3 144.3
77 94.6 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: 8.329 ng

RT: 8.25 min Scan# 1047

Delta R.T. -0.00 min

Lab File: BF113933.D

Acq: 23 Apr 2019 20:58

Instrument :

BNA_F

ClientSampleId :

TR-05-042219MS

Tot Ion:127 Resp: 74648

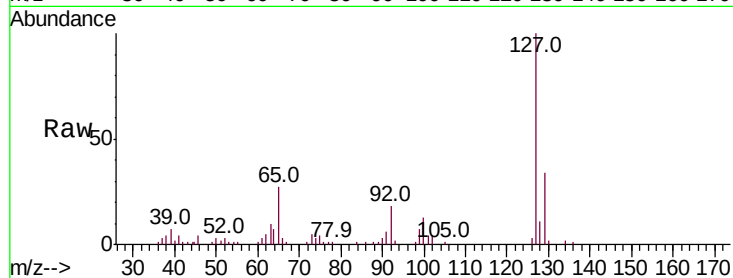
Ion Ratio Lower Upper

127 100

129 34.0 26.4 39.6

65 27.0 24.9 37.3

92 18.3 15.9 23.9

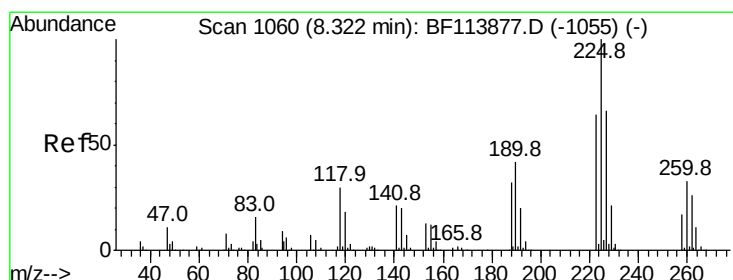
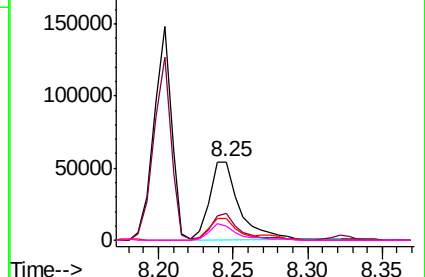
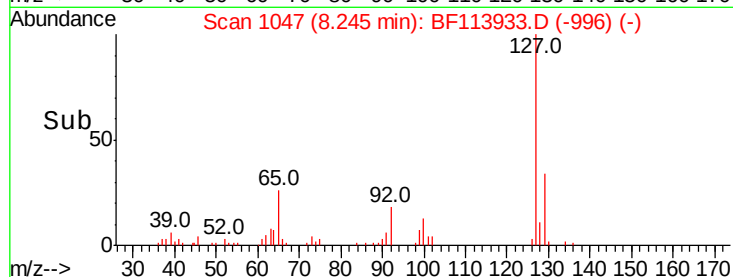


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 41.487 ng

RT: 8.32 min Scan# 1060

Delta R.T. -0.00 min

Lab File: BF113933.D

Acq: 23 Apr 2019 20:58

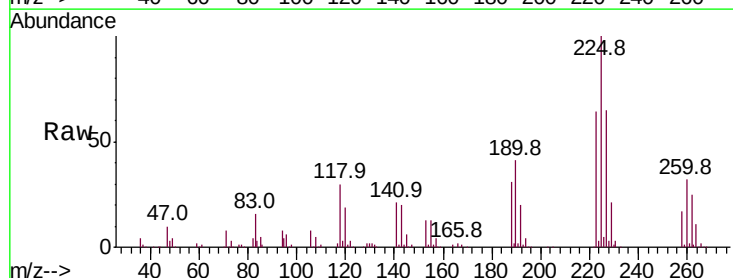
Tgt Ion:225 Resp: 195572

Ion Ratio Lower Upper

225 100

223 63.7 51.1 76.7

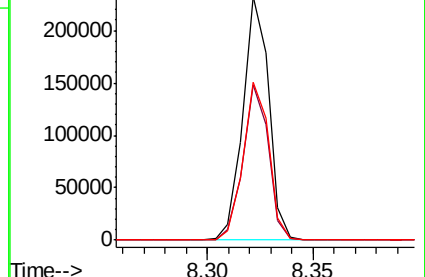
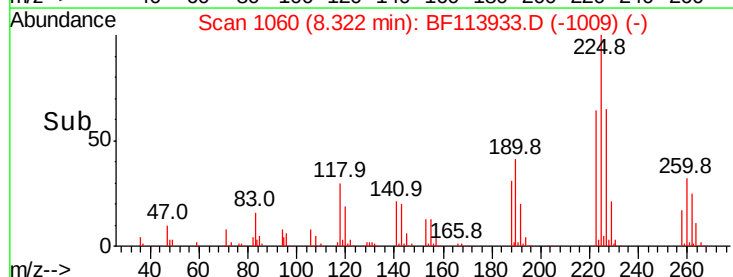
227 64.8 49.9 74.9

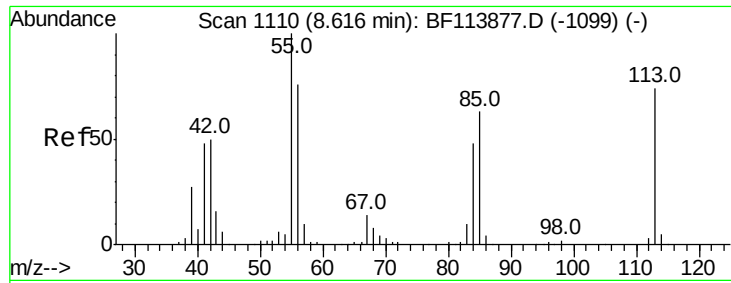


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

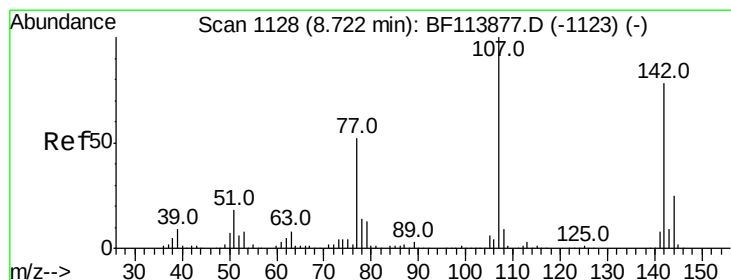
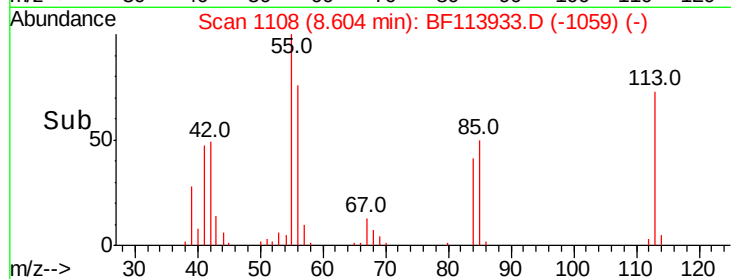
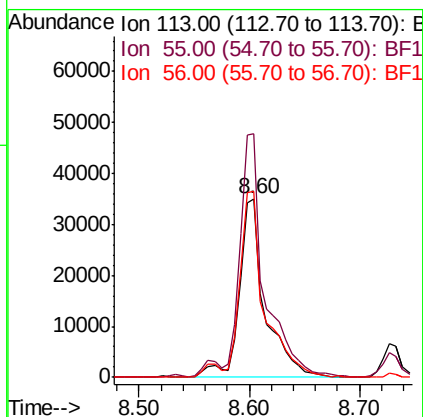
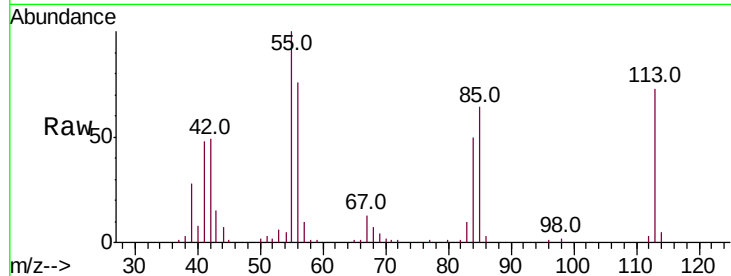




#35
 Caprolactam
 Concen: 26.641 ng
 RT: 8.60 min Scan# 1108
 Delta R.T. -0.01 min
 Lab File: BF113933.D
 Acq: 23 Apr 2019 20:58

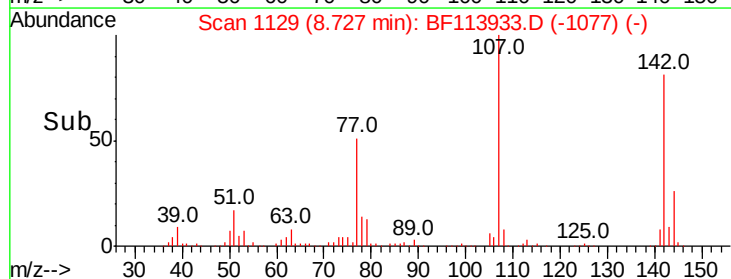
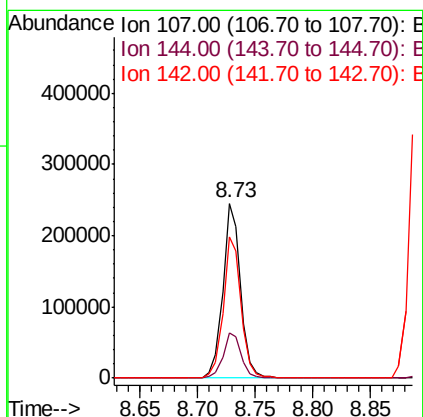
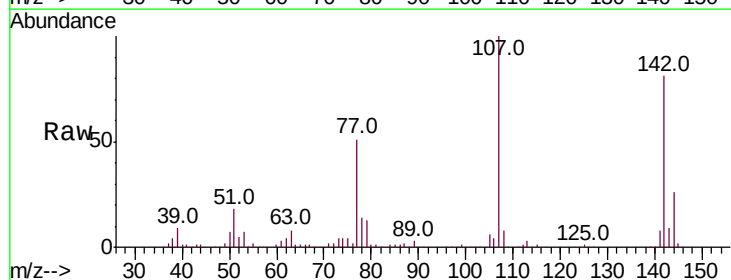
Instrument :
 BNA_F
 ClientSampleId :
 TR-05-042219MS

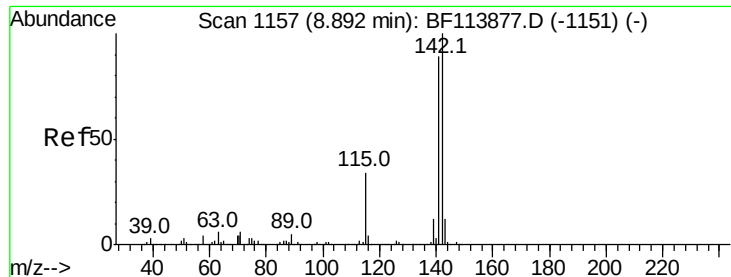
Tot Ion:113 Resp: 57476
 Ion Ratio Lower Upper
 113 100
 55 136.2 128.6 168.6
 56 104.1 91.9 131.9



#36
 4-Chloro-3-methylphenol
 Concen: 38.706 ng
 RT: 8.73 min Scan# 1129
 Delta R.T. 0.01 min
 Lab File: BF113933.D
 Acq: 23 Apr 2019 20:58

Tgt Ion:107 Resp: 260071
 Ion Ratio Lower Upper
 107 100
 144 26.1 20.5 30.7
 142 80.6 64.2 96.4

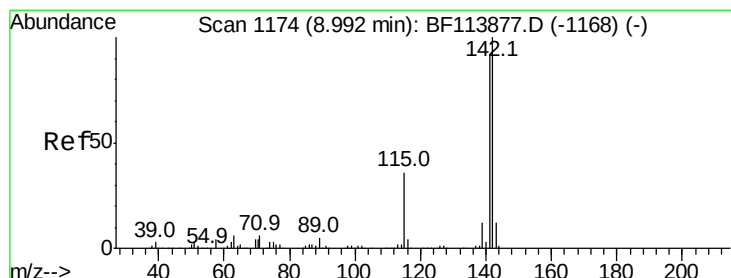
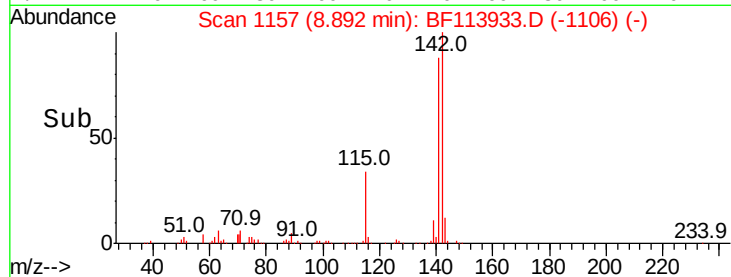
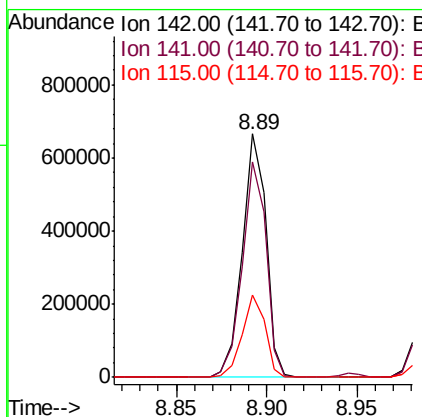
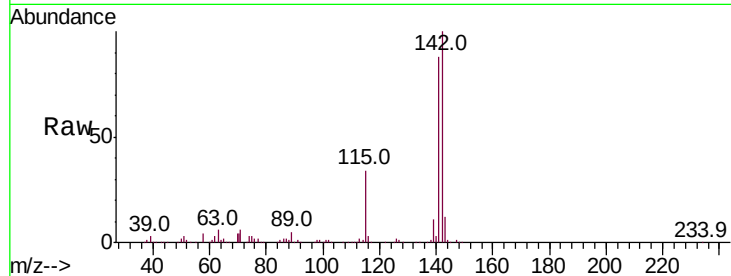




#37
 2-Methylnaphthalene
 Concen: 42.458 ng
 RT: 8.89 min Scan# 1157
 Delta R.T. -0.00 min
 Lab File: BF113933.D
 Acq: 23 Apr 2019 20:58

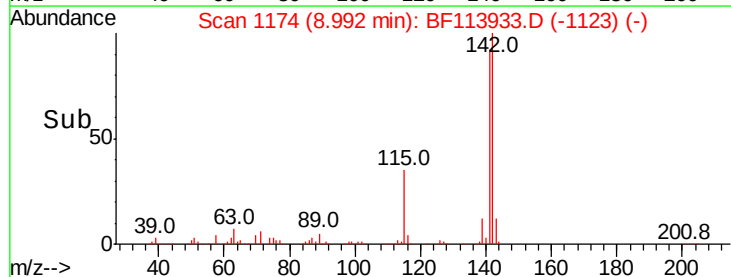
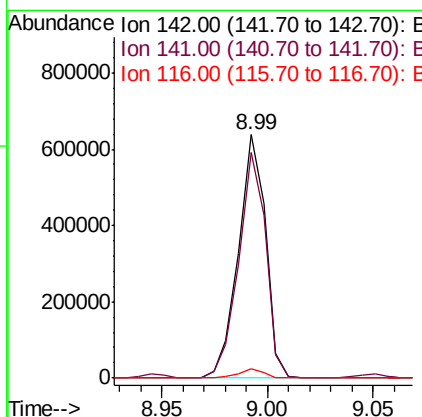
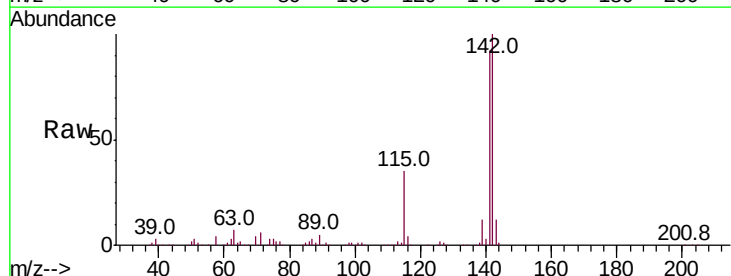
Instrument :
 BNA_F
 ClientSampleId :
 TR-05-042219MS

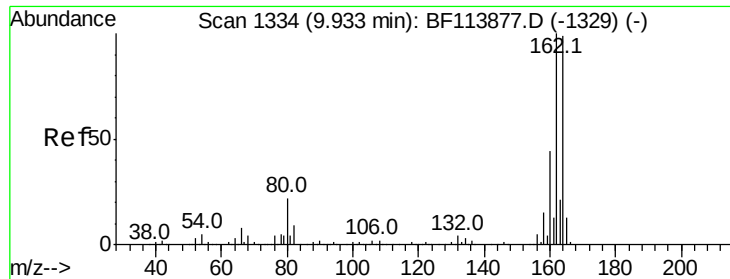
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.4	105.6
115	33.8	26.3	39.5



#38
 1-Methylnaphthalene
 Concen: 41.224 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: BF113933.D
 Acq: 23 Apr 2019 20:58

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.5	72.3	108.5
116	3.8	3.0	4.4

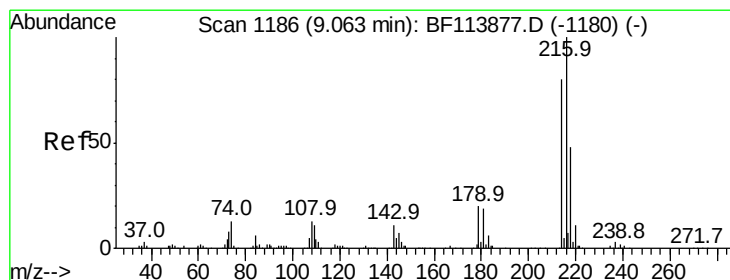
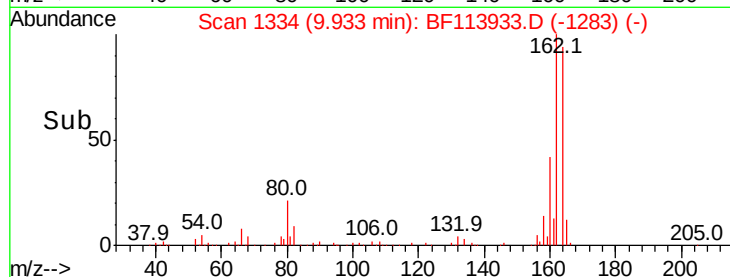
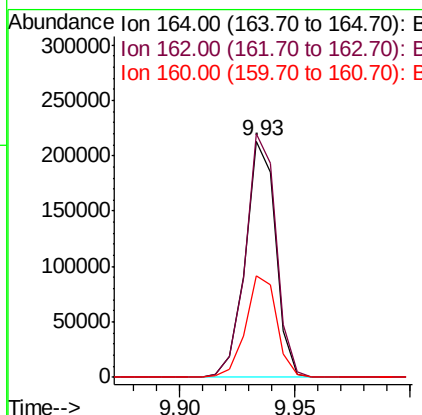
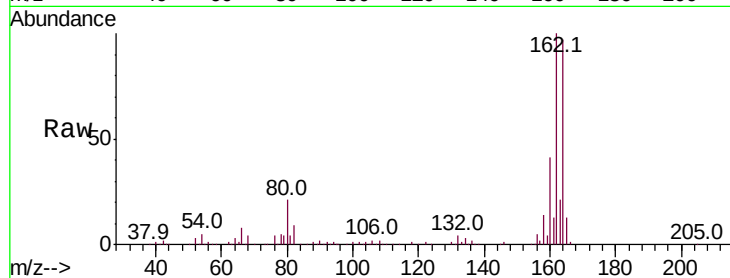




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF113933.D
Acq: 23 Apr 2019 20:58

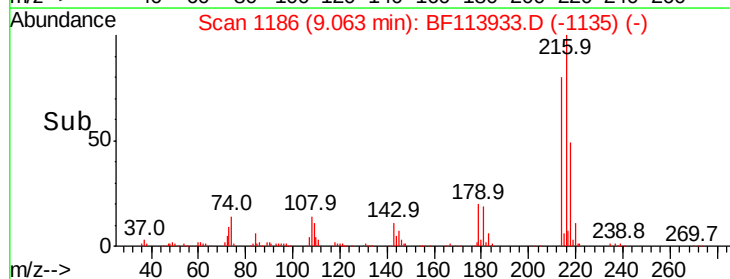
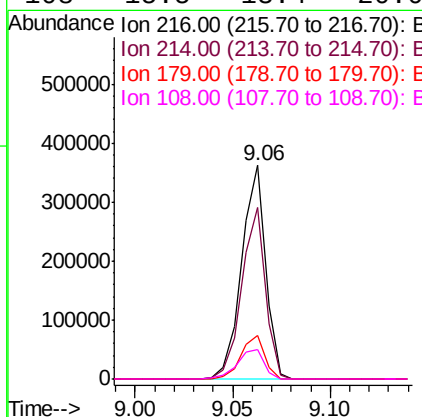
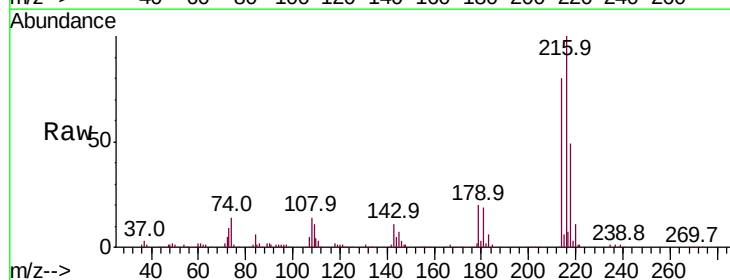
Instrument :
BNA_F
ClientSampleId :
TR-05-042219MS

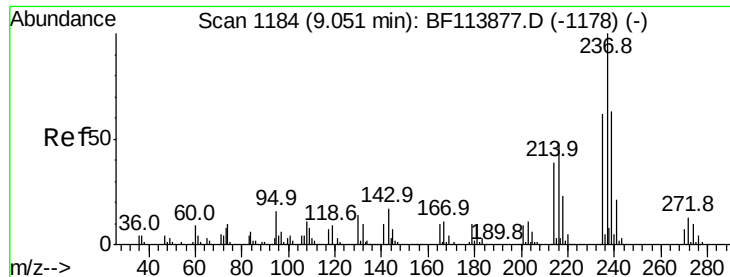
Tot Ion:164 Resp: 196391
Ion Ratio Lower Upper
164 100
162 103.0 81.1 121.7
160 42.7 35.8 53.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.367 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BF113933.D
Acq: 23 Apr 2019 20:58

Tgt Ion:216 Resp: 308553
Ion Ratio Lower Upper
216 100
214 79.3 63.5 95.3
179 20.2 16.1 24.1
108 15.5 13.4 20.0

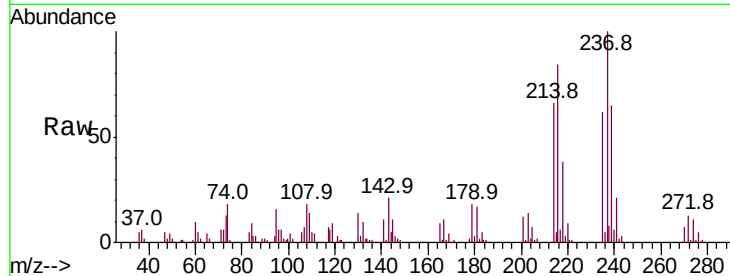




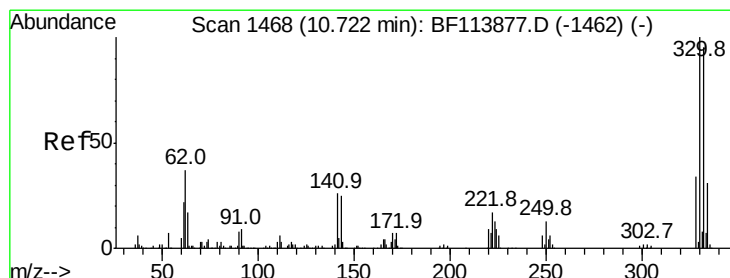
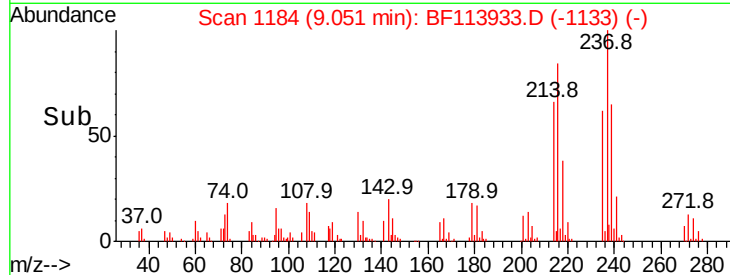
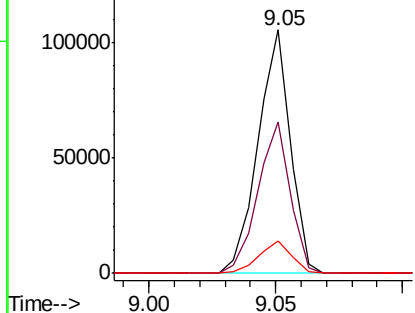
#41
Hexachlorocyclopentadiene
Concen: 26.244 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.00 min
Lab File: BF113933.D
Acq: 23 Apr 2019 20:58

Instrument :
BNA_F
ClientSampleId :
TR-05-042219MS

Tot Ion:	237	Resp:	93361
Ion	Ratio	Lower	Upper
237	100		
235	62.0	42.6	82.6
272	13.5	0.0	33.8

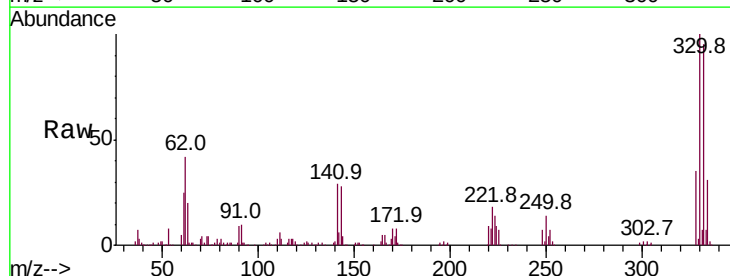


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

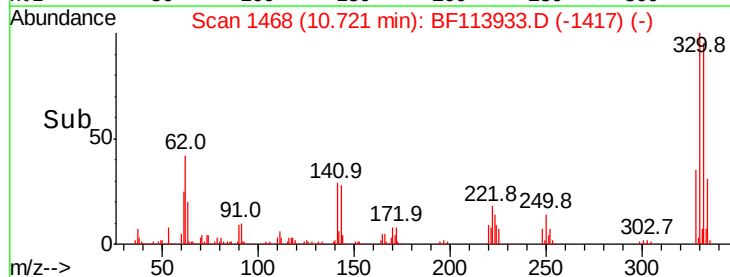
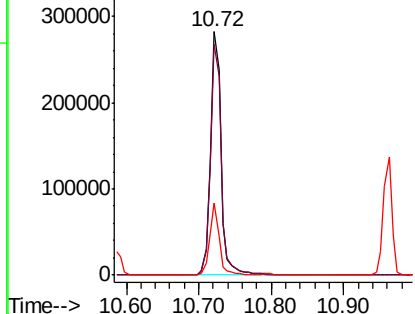


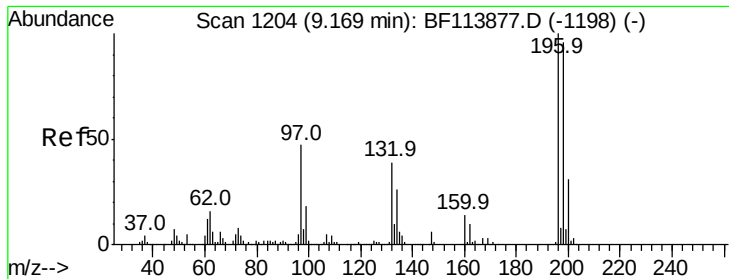
#42
2,4,6-Tribromophenol
Concen: 119.525 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.00 min
Lab File: BF113933.D
Acq: 23 Apr 2019 20:58

Tgt Ion:	330	Resp:	285957
Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.5	116.3
141	26.7	22.2	33.2



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: 47.681 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.00 min

Lab File: BF113933.D

Acq: 23 Apr 2019 20:58

Instrument :

BNA_F

ClientSampleId :

TR-05-042219MS

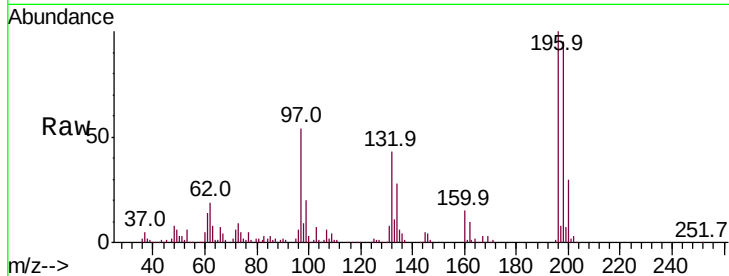
Tot Ion:196 Resp: 193152

Ion Ratio Lower Upper

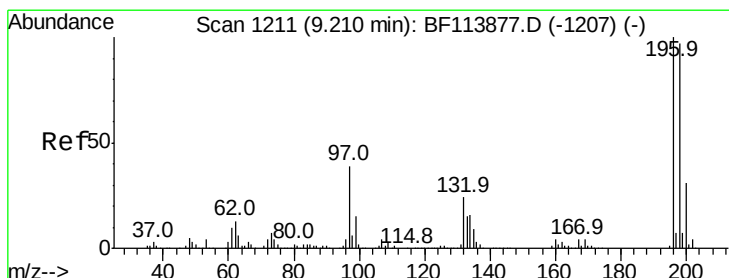
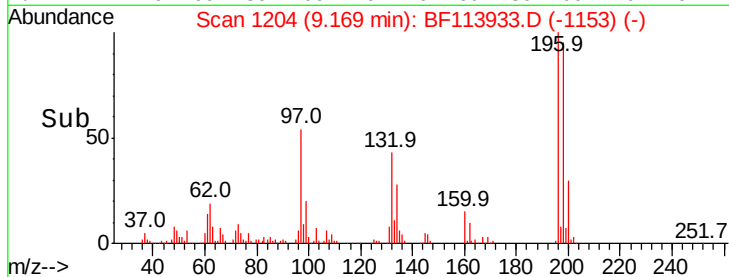
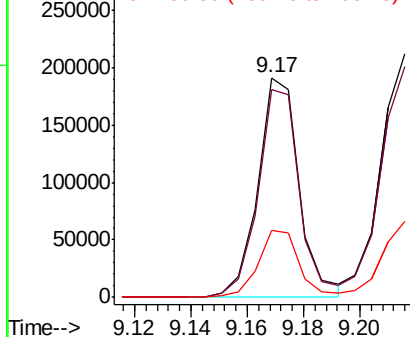
196 100

198 94.8 75.6 113.4

200 30.3 24.7 37.1



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: 45.819 ng

RT: 9.22 min Scan# 1212

Delta R.T. 0.01 min

Lab File: BF113933.D

Acq: 23 Apr 2019 20:58

Tgt Ion:196 Resp: 208185

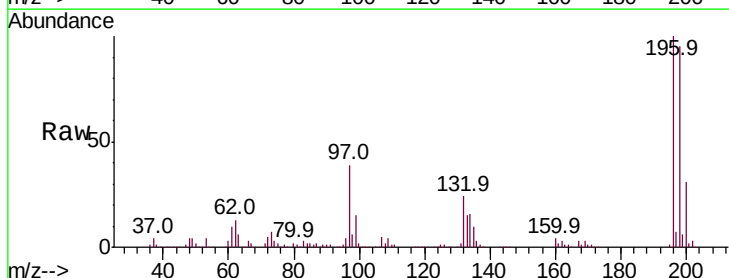
Ion Ratio Lower Upper

196 100

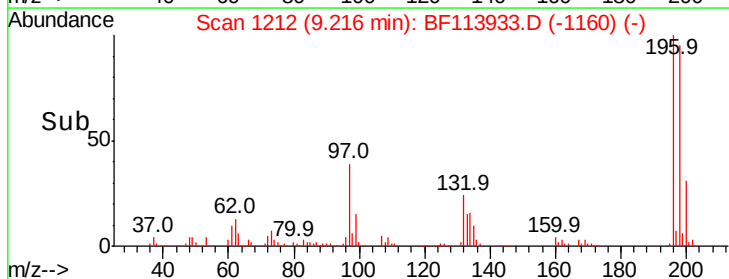
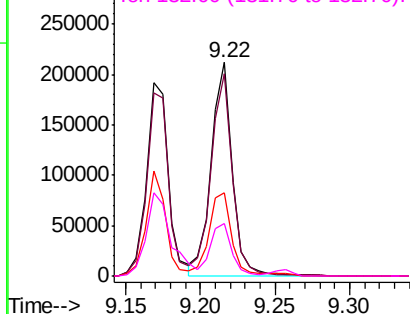
198 94.7 76.2 114.4

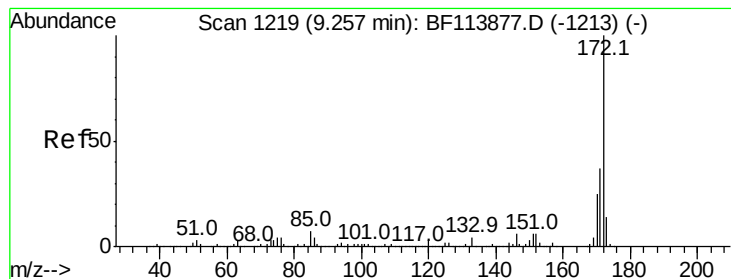
97 39.2 35.8 53.8

132 24.3 20.9 31.3



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





#45

2-Fluorobiphenyl

Concen: 95.500 ng

RT: 9.26 min Scan# 1219

Delta R.T. 0.00 min

Lab File: BF113933.D

Acq: 23 Apr 2019 20:58

Instrument :

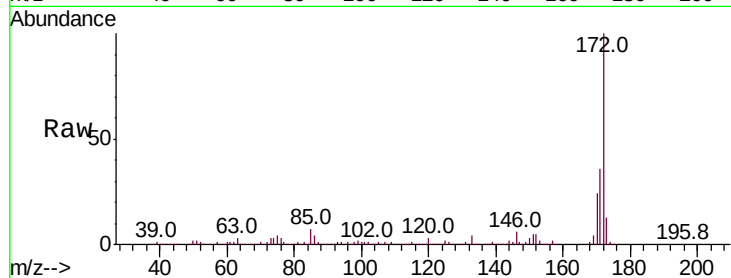
BNA_F

ClientSampleId :

TR-05-042219MS

Tot Ion:172 Resp: 1199167

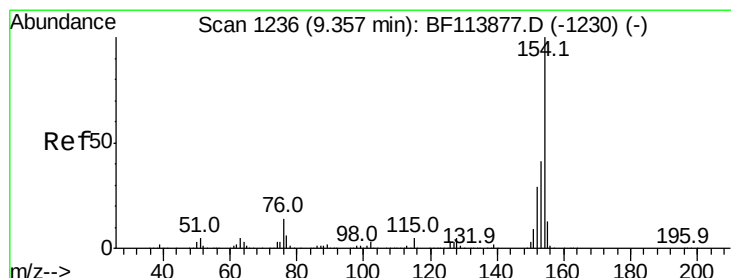
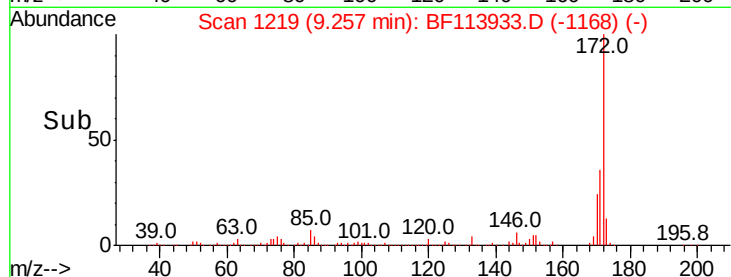
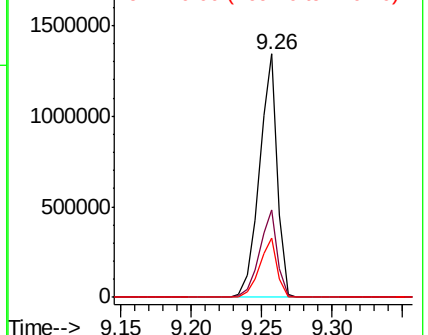
Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.4	44.0
170	24.4	19.9	29.9



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: 48.446 ng

RT: 9.36 min Scan# 1236

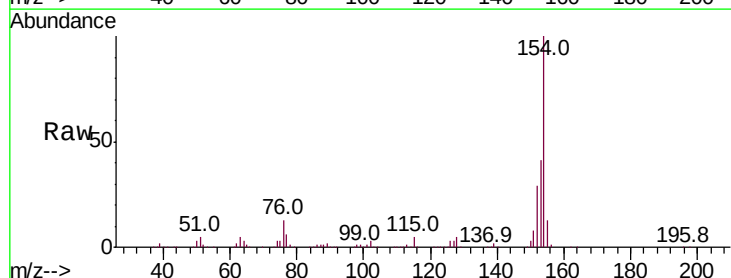
Delta R.T. -0.00 min

Lab File: BF113933.D

Acq: 23 Apr 2019 20:58

Tgt Ion:154 Resp: 726826

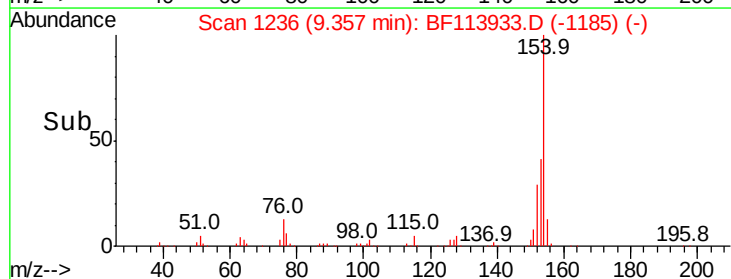
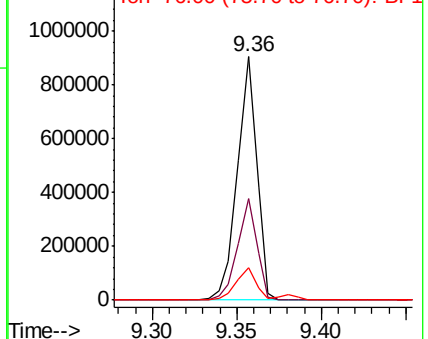
Ion	Ratio	Lower	Upper
154	100		
153	41.4	20.8	60.8
76	13.4	0.0	35.2

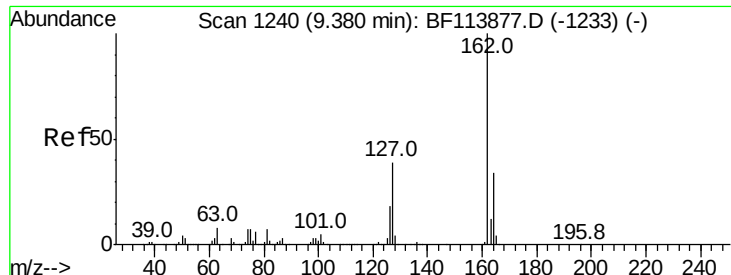


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

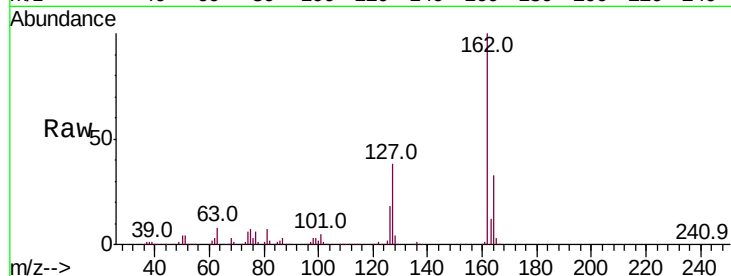




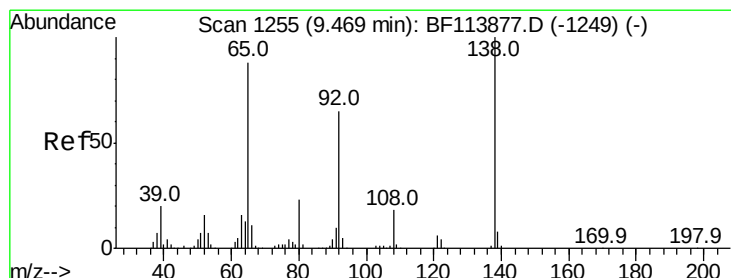
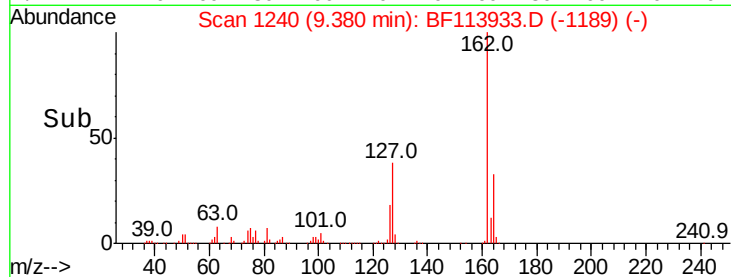
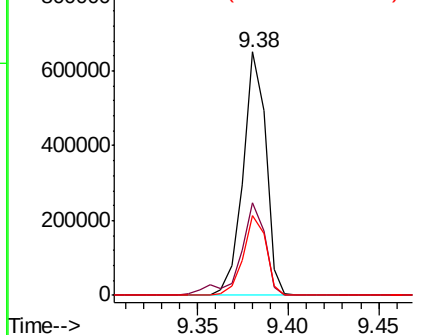
#47
2-Chloronaphthalene
Concen: 46.565 ng
RT: 9.38 min Scan# 1240
Delta R.T. -0.00 min
Lab File: BF113933.D
Acq: 23 Apr 2019 20:58

Instrument :
BNA_F
ClientSampleId :
TR-05-042219MS

Tot Ion:162 Resp: 568119
Ion Ratio Lower Upper
162 100
127 38.3 29.3 43.9
164 32.9 27.1 40.7

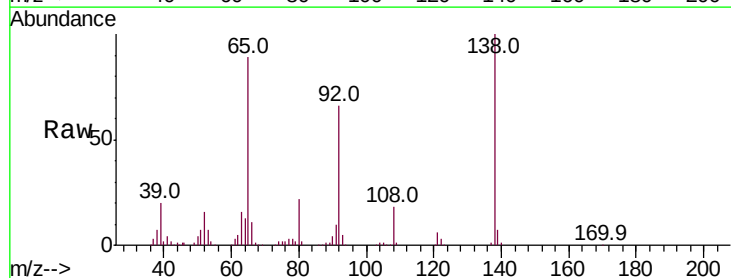


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

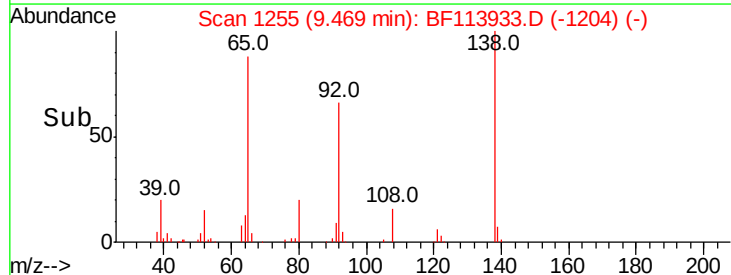
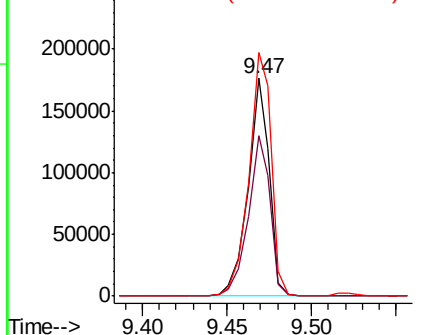


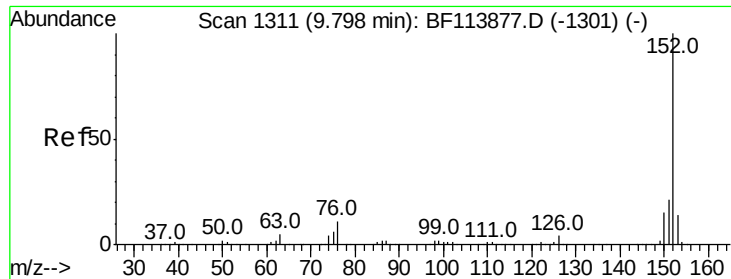
#48
2-Nitroaniline
Concen: 48.521 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.00 min
Lab File: BF113933.D
Acq: 23 Apr 2019 20:58

Tgt Ion: 65 Resp: 155187
Ion Ratio Lower Upper
65 100
92 73.9 57.4 86.0
138 112.0 85.4 128.0



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





#49

Acenaphthylene

Concen: 44.400 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.00 min

Lab File: BF113933.D

Acq: 23 Apr 2019 20:58

Instrument :

BNA_F

ClientSampleId :

TR-05-042219MS

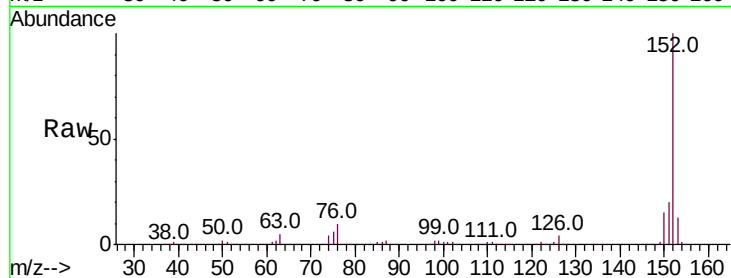
Tot Ion:152 Resp: 848053

Ion Ratio Lower Upper

152 100

151 20.1 17.0 25.4

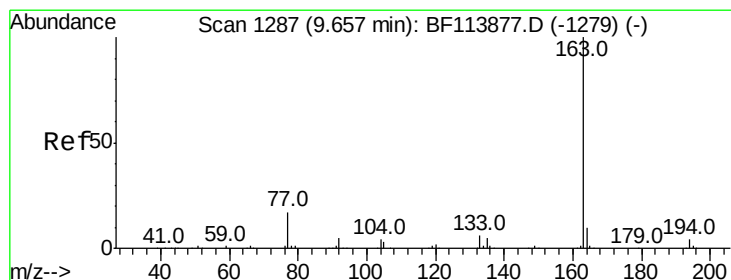
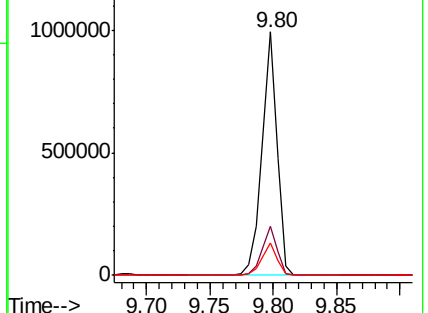
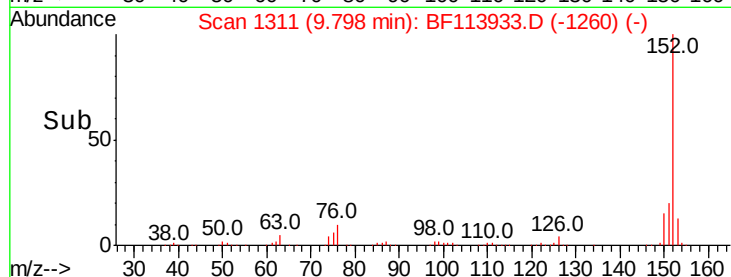
153 13.4 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 48.201 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF113933.D

Acq: 23 Apr 2019 20:58

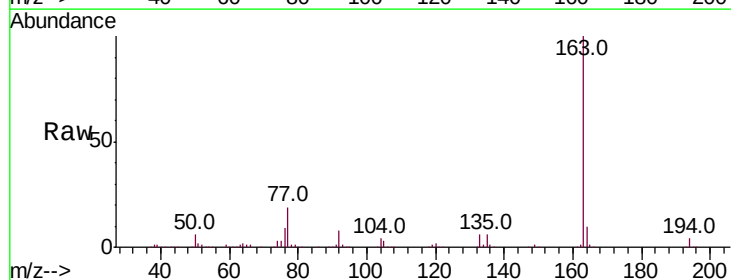
Tgt Ion:163 Resp: 684617

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

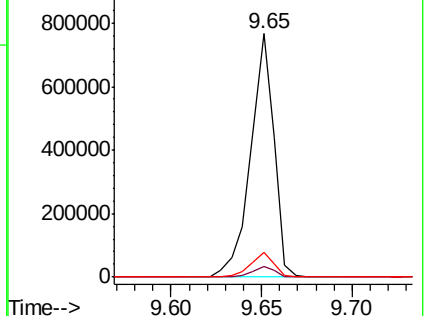
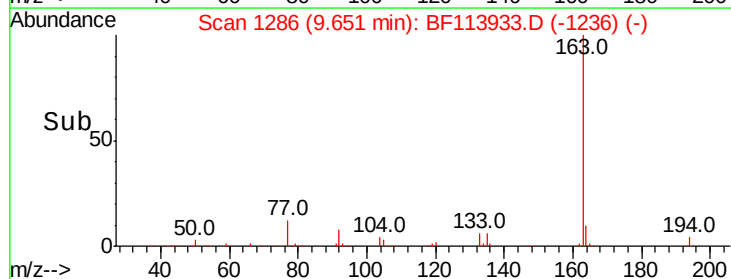
164 10.2 8.5 12.7

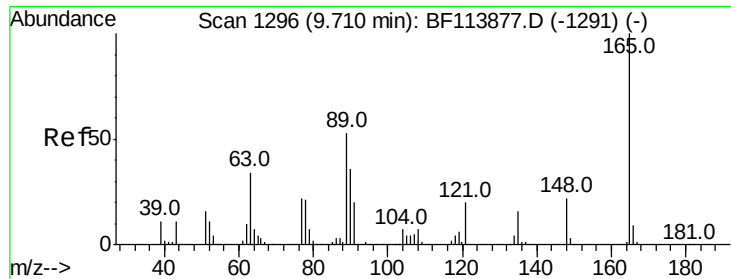


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 46.766 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BF113933.D

Acq: 23 Apr 2019 20:58

Instrument :

BNA_F

ClientSampleId :

TR-05-042219MS

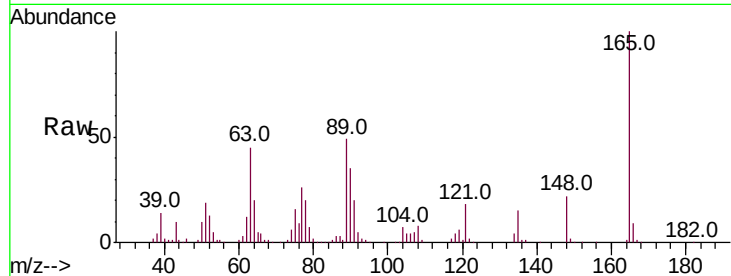
Tot Ion:165 Resp: 142502

Ion Ratio Lower Upper

165 100

63 45.5 33.8 50.8

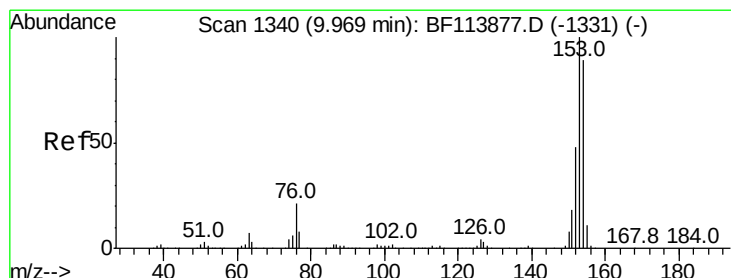
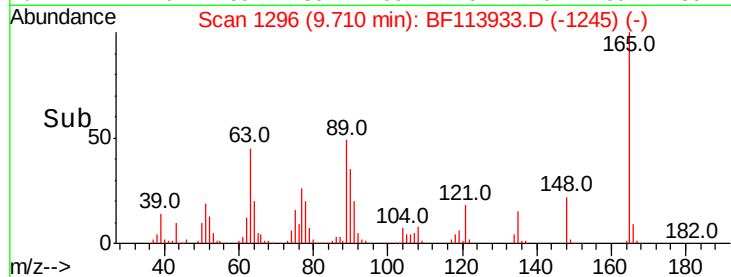
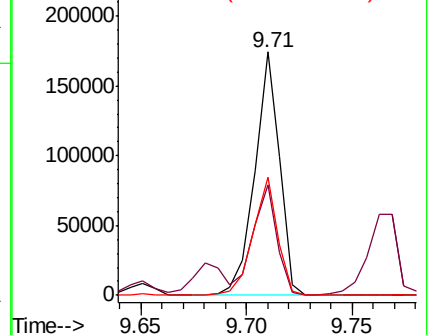
89 48.6 38.2 57.2



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: 43.737 ng

RT: 9.97 min Scan# 1340

Delta R.T. -0.00 min

Lab File: BF113933.D

Acq: 23 Apr 2019 20:58

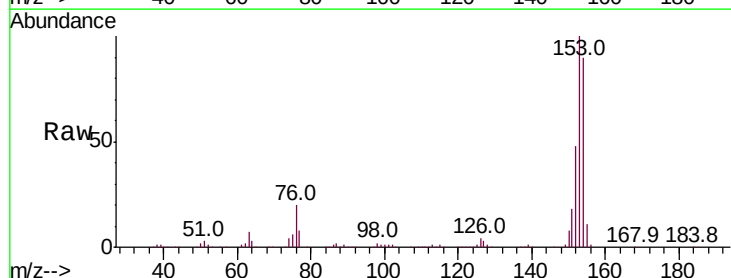
Tgt Ion:154 Resp: 493695

Ion Ratio Lower Upper

154 100

153 111.2 87.2 130.8

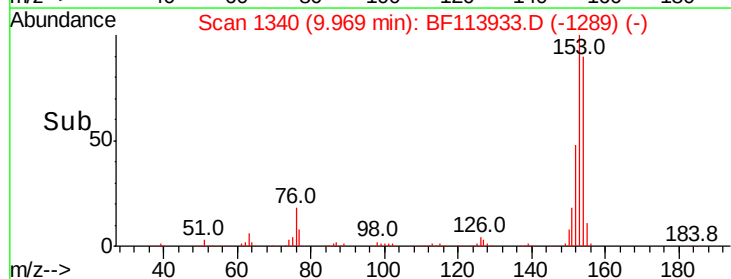
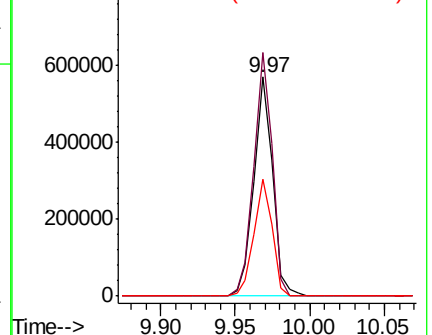
152 53.3 42.3 63.5

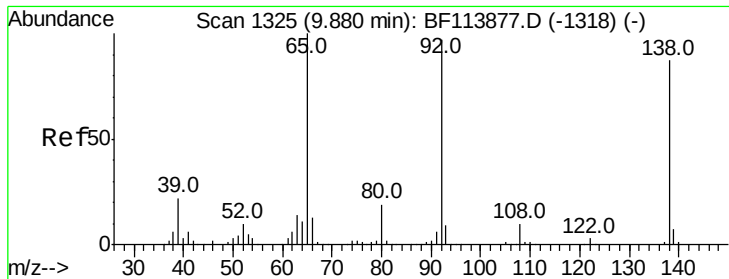


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

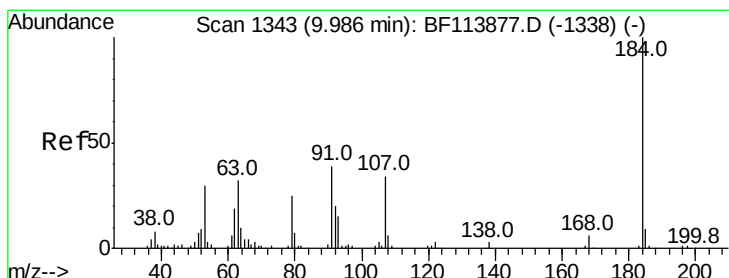
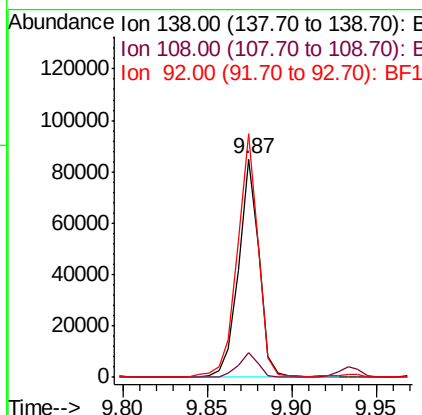
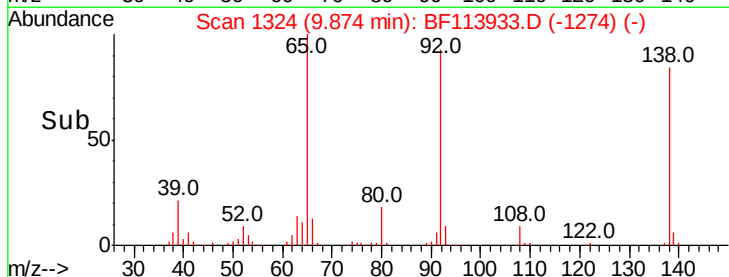
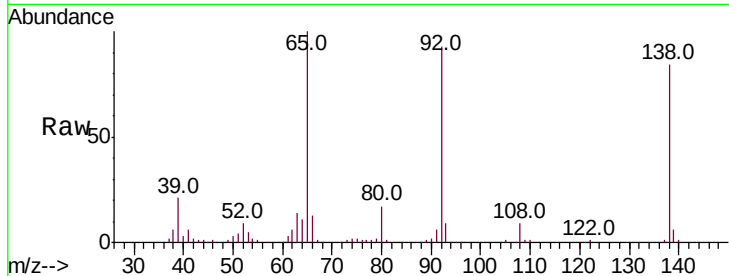




#53
 3-Nitroaniline
 Concen: 22.289 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF113933.D
 Acq: 23 Apr 2019 20:58

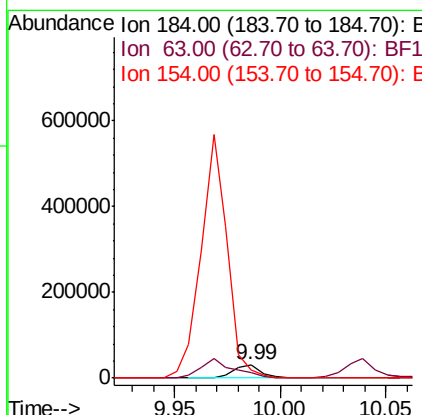
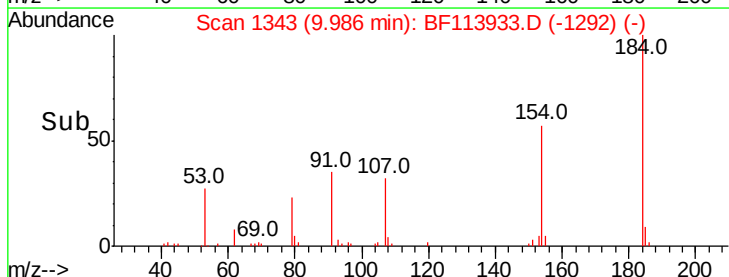
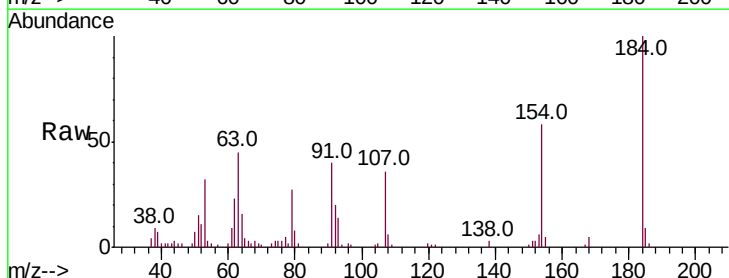
Instrument :
 BNA_F
 ClientSampleId :
 TR-05-042219MS

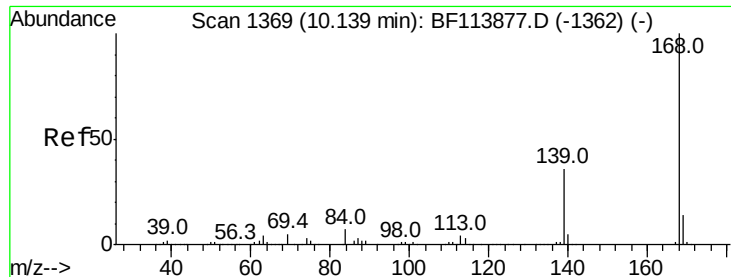
Tot Ion:138 Resp: 71369
 Ion Ratio Lower Upper
 138 100
 108 11.1 9.4 14.2
 92 111.6 94.1 141.1



#54
 2,4-Dinitrophenol
 Concen: 27.769 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. 0.00 min
 Lab File: BF113933.D
 Acq: 23 Apr 2019 20:58

Tgt Ion:184 Resp: 28618
 Ion Ratio Lower Upper
 184 100
 63 45.4 54.6 81.8#
 154 58.0 218.6 328.0#

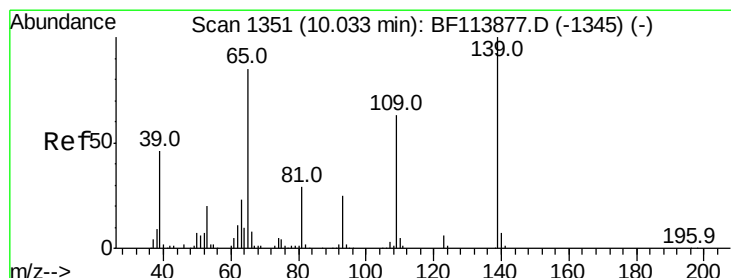
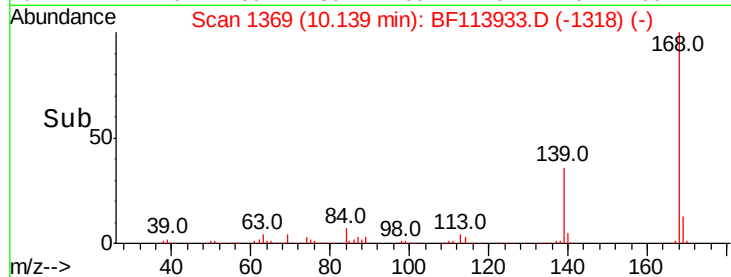
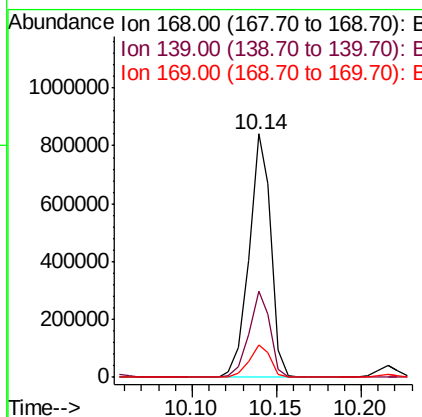
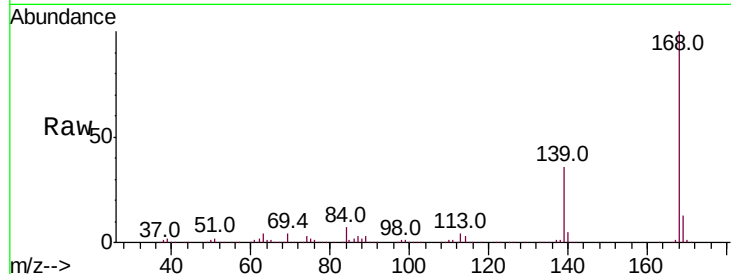




#55
Dibenzenofuran
Concen: 44.708 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.00 min
Lab File: BF113933.D
Acq: 23 Apr 2019 20:58

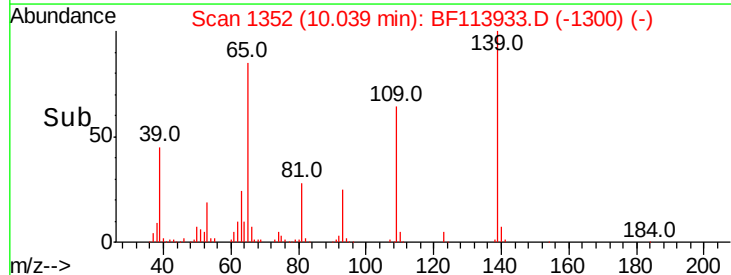
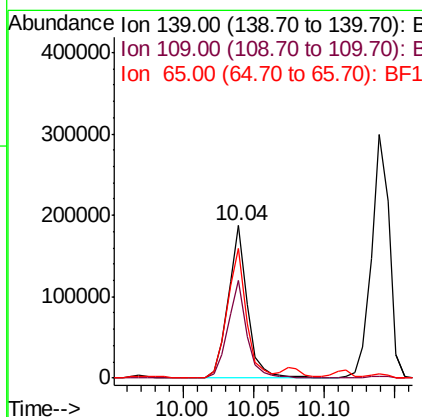
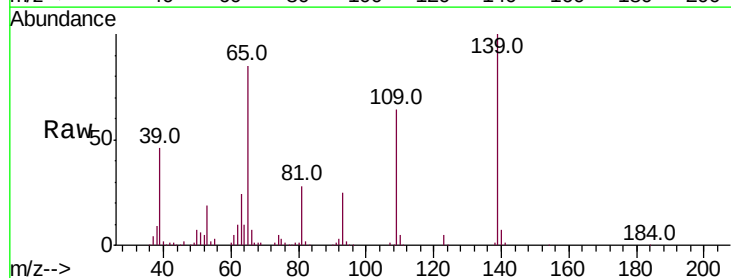
Instrument :
BNA_F
ClientSampleId :
TR-05-042219MS

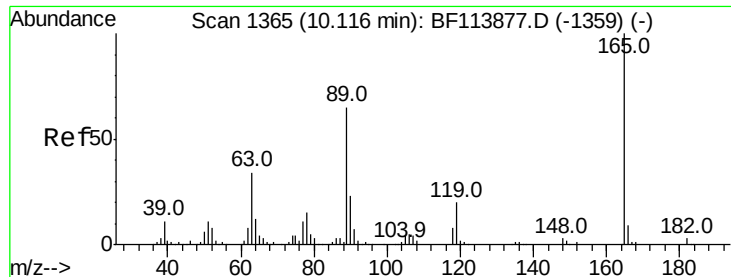
Tot Ion:168 Resp: 755949
Ion Ratio Lower Upper
168 100
139 35.6 27.8 41.6
169 13.4 11.0 16.6



#56
4-Nitrophenol
Concen: 70.120 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF113933.D
Acq: 23 Apr 2019 20:58

Tgt Ion:139 Resp: 177774
Ion Ratio Lower Upper
139 100
109 63.8 42.9 82.9
65 85.4 64.4 104.4

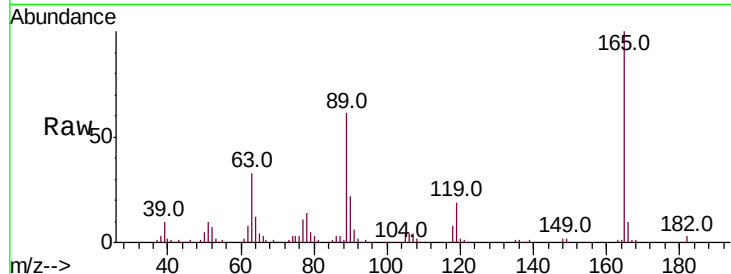




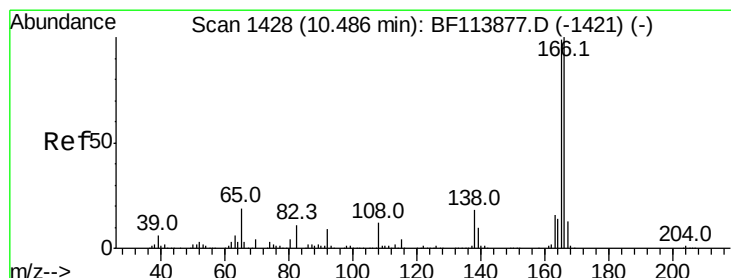
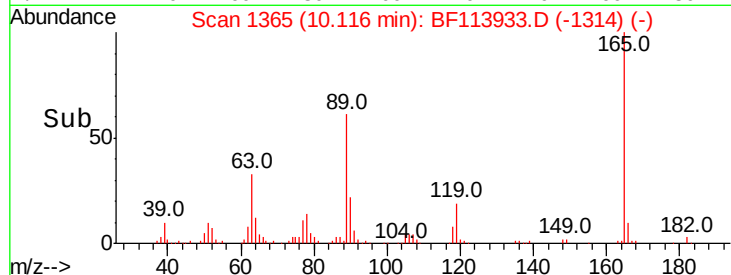
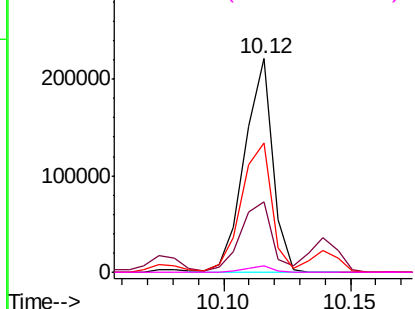
#57
 2,4-Dinitrotoluene
 Concen: 44.734 ng
 RT: 10.12 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: BF113933.D
 Acq: 23 Apr 2019 20:58

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-042219MS

Tot Ion:165 Resp: 172054
 Ion Ratio Lower Upper
 165 100
 63 32.8 27.4 41.0
 89 60.5 51.8 77.6
 182 2.7 2.2 3.2

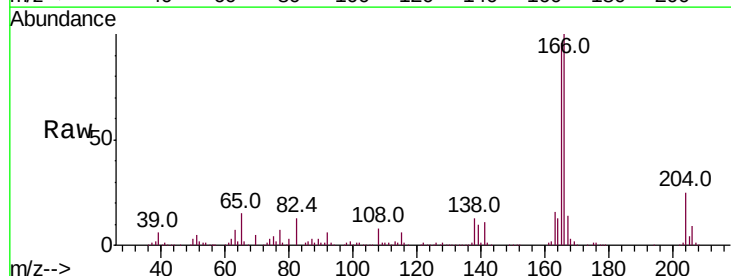


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

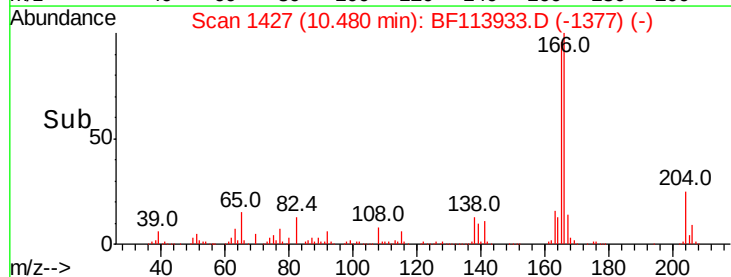
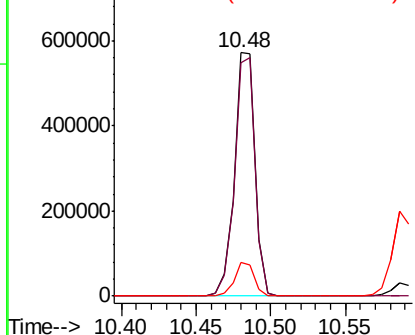


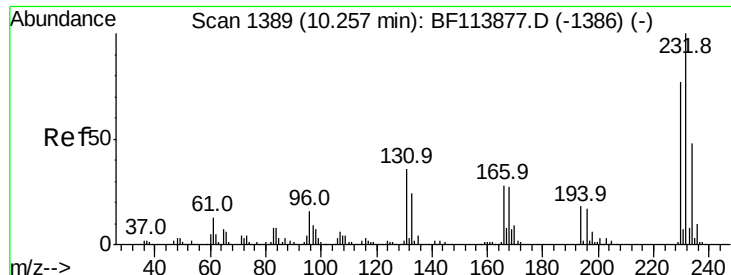
#58
 Fluorene
 Concen: 43.487 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF113933.D
 Acq: 23 Apr 2019 20:58

Tgt Ion:166 Resp: 553594
 Ion Ratio Lower Upper
 166 100
 165 95.7 78.4 117.6
 167 13.8 10.9 16.3



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 42.643 ng

RT: 10.26 min Scan# 1389

Delta R.T. -0.00 min

Lab File: BF113933.D

Acq: 23 Apr 2019 20:58

Instrument :

BNA_F

ClientSampleId :

TR-05-042219MS

Tot Ion:232 Resp: 170272

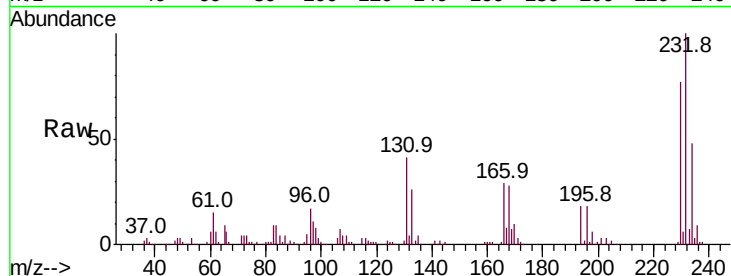
Ion Ratio Lower Upper

232 100

131 37.2 30.2 45.2

130 1.7 1.5 2.3

166 26.8 22.2 33.4

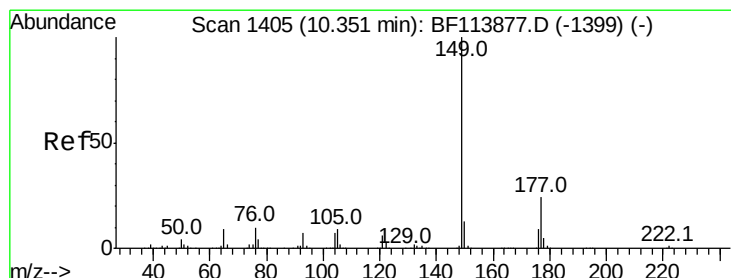
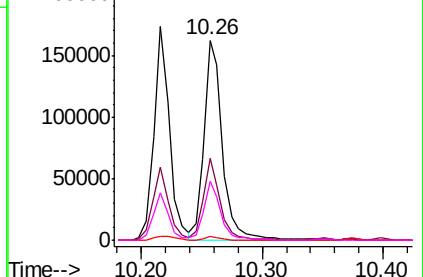
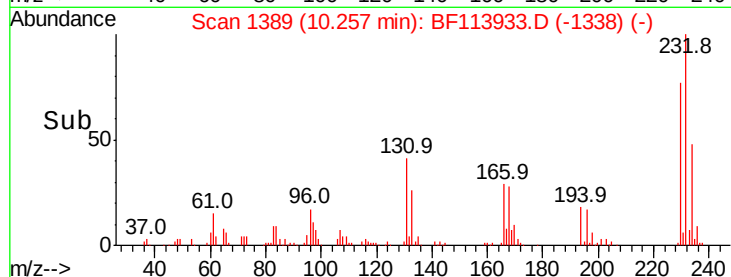


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 46.036 ng

RT: 10.35 min Scan# 1405

Delta R.T. -0.00 min

Lab File: BF113933.D

Acq: 23 Apr 2019 20:58

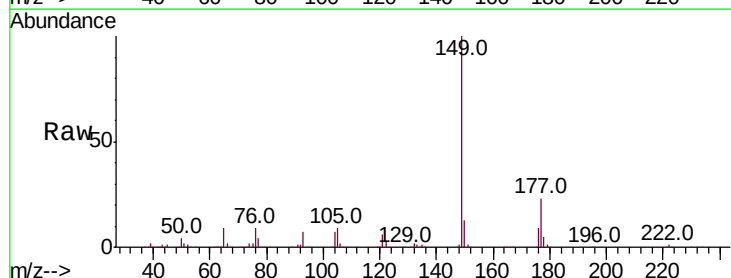
Tgt Ion:149 Resp: 620929

Ion Ratio Lower Upper

149 100

177 22.8 19.2 28.8

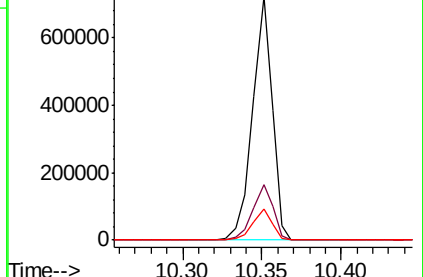
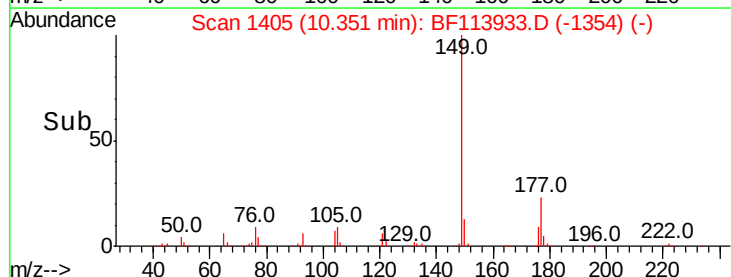
150 13.0 10.3 15.5

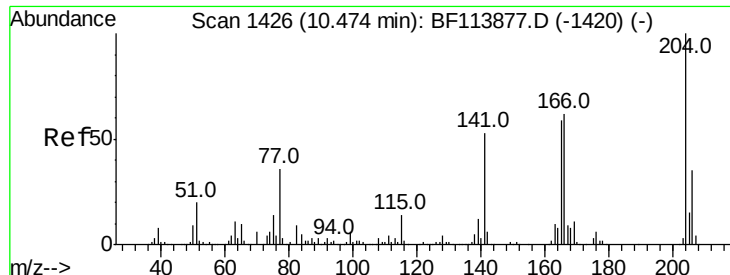


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

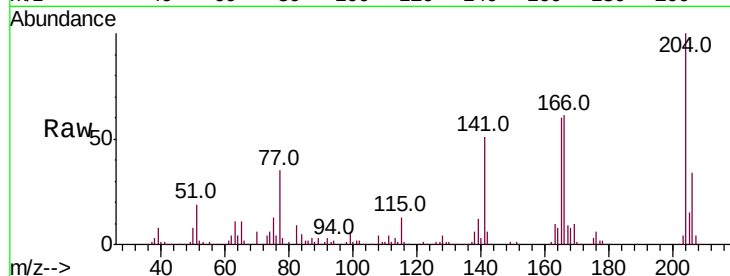




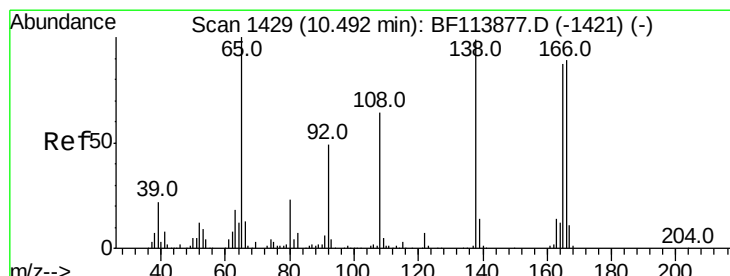
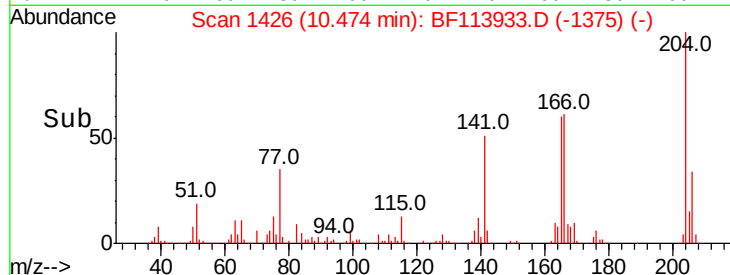
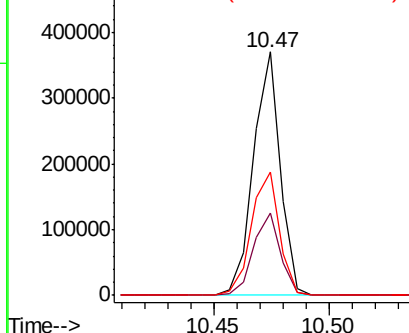
#61
 4-Chlorophenyl-phenylether
 Concen: 44.509 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.00 min
 Lab File: BF113933.D
 Acq: 23 Apr 2019 20:58

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-042219MS

Tot Ion:204 Resp: 300068
 Ion Ratio Lower Upper
 204 100
 206 33.8 27.4 41.2
 141 50.8 42.6 63.8

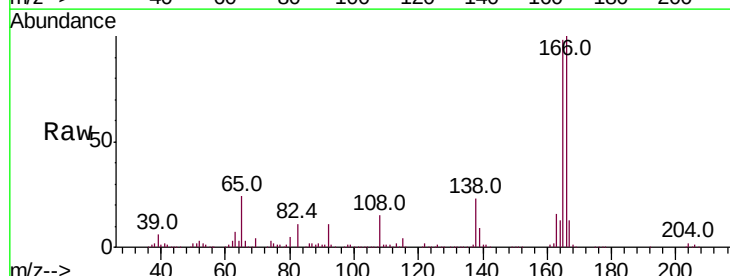


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

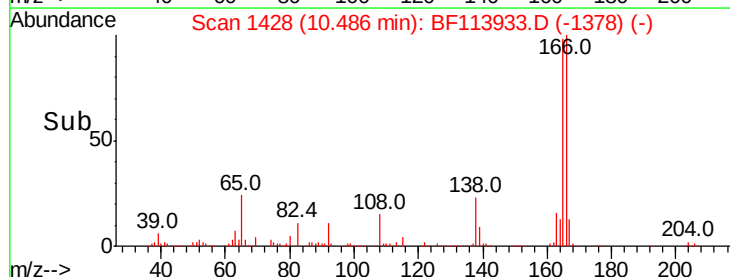
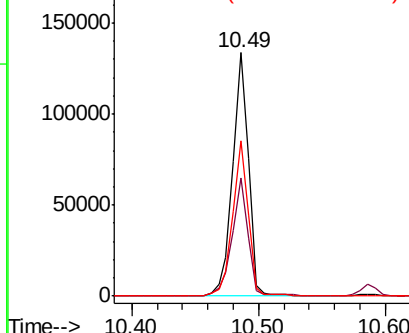


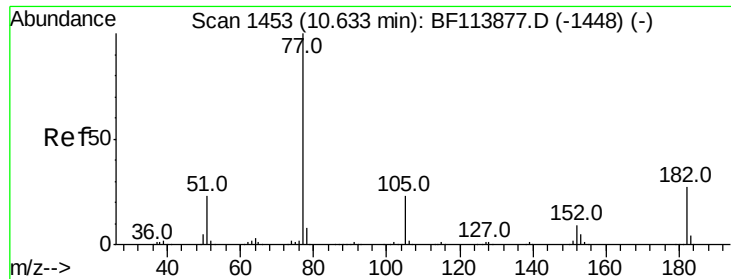
#62
 4-Nitroaniline
 Concen: 36.867 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF113933.D
 Acq: 23 Apr 2019 20:58

Tgt Ion:138 Resp: 115199
 Ion Ratio Lower Upper
 138 100
 92 48.6 31.3 71.3
 108 63.9 48.9 88.9



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

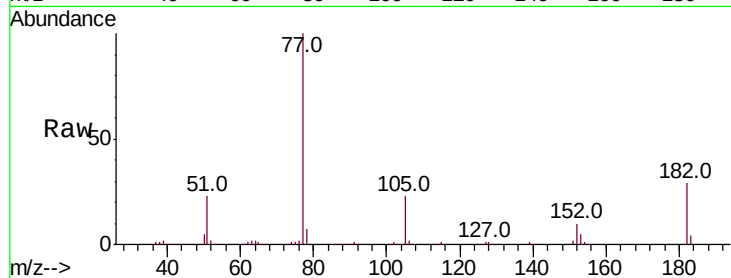




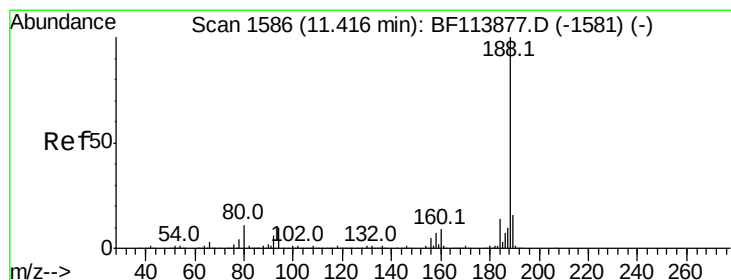
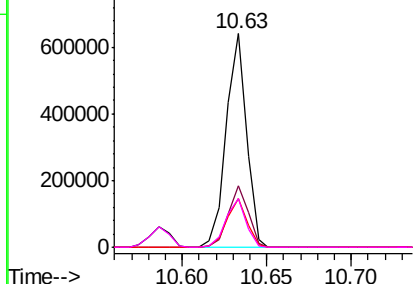
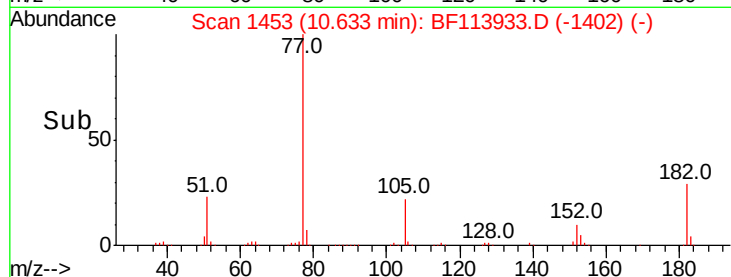
#63
Azobenzene
Concen: 40.851 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.00 min
Lab File: BF113933.D
Acq: 23 Apr 2019 20:58

Instrument :
BNA_F
ClientSampleId :
TR-05-042219MS

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.8	4.4	44.4
105	22.6	2.2	42.2
51	22.7	3.9	43.9

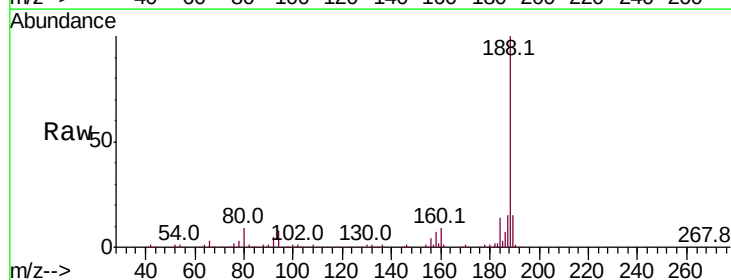


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

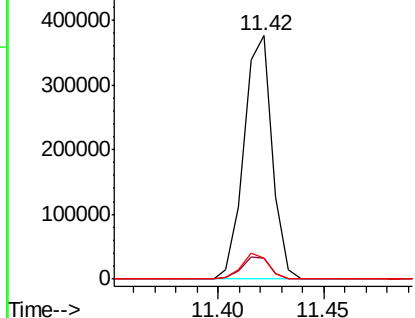
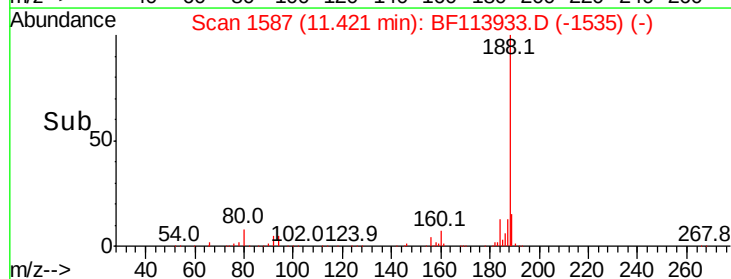


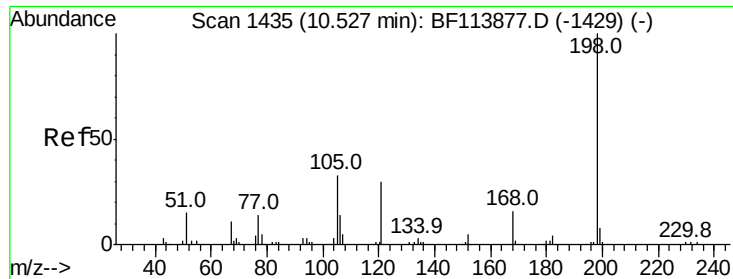
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF113933.D
Acq: 23 Apr 2019 20:58

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	8.2	12.4
80	8.8	9.0	13.6



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

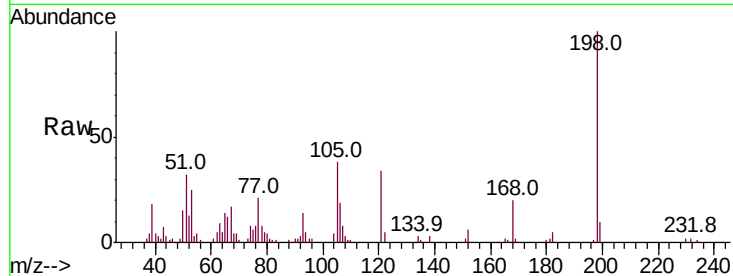




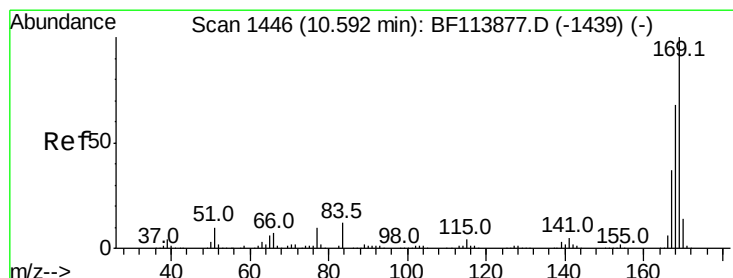
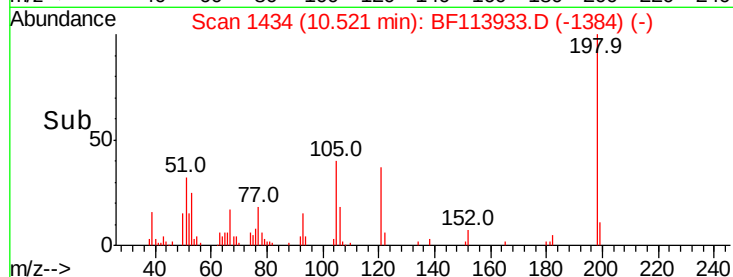
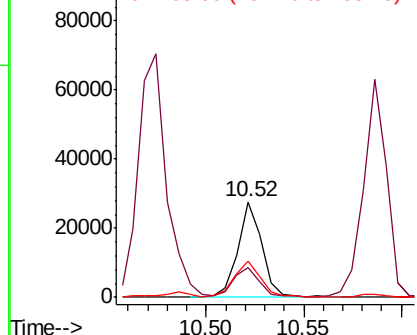
#65
 4,6-Dinitro-2-methylphenol
 Concen: 19.892 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF113933.D
 Acq: 23 Apr 2019 20:58

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-042219MS

Tot Ion:198 Resp: 23674
 Ion Ratio Lower Upper
 198 100
 51 31.8 11.1 51.1
 105 38.2 20.7 60.7

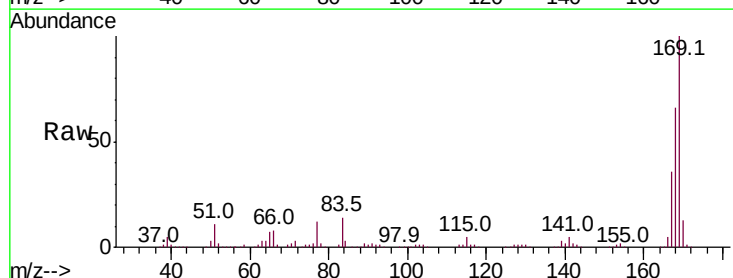


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

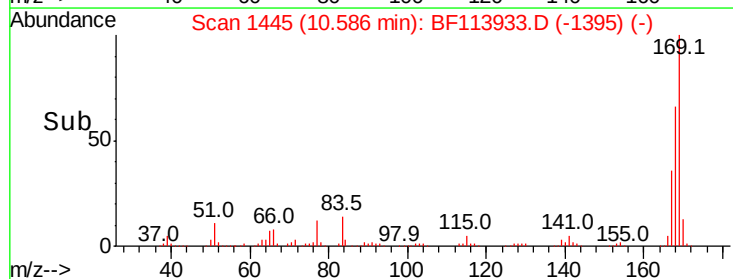
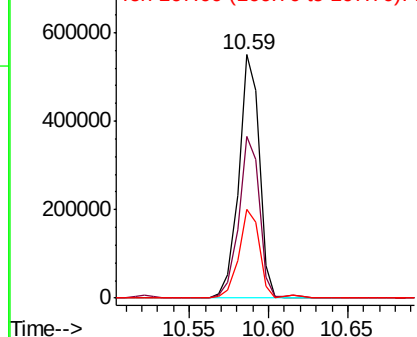


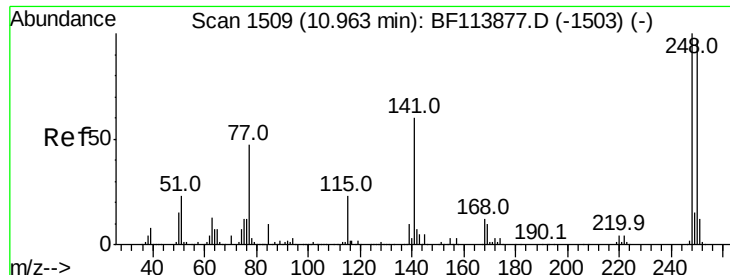
#66
 n-Nitrosodiphenylamine
 Concen: 47.226 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF113933.D
 Acq: 23 Apr 2019 20:58

Tgt Ion:169 Resp: 493085
 Ion Ratio Lower Upper
 169 100
 168 66.2 54.3 81.5
 167 36.2 29.4 44.0



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

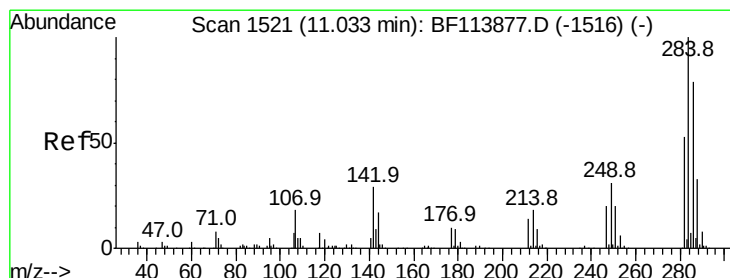
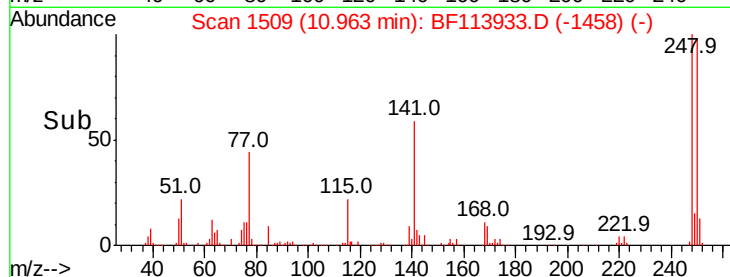
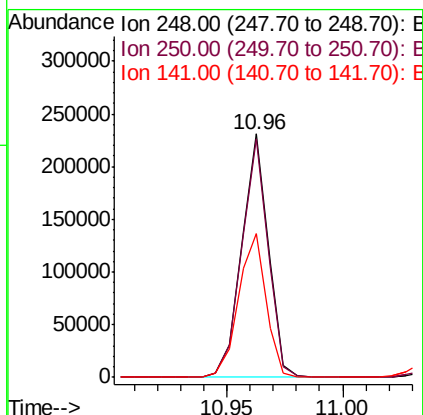
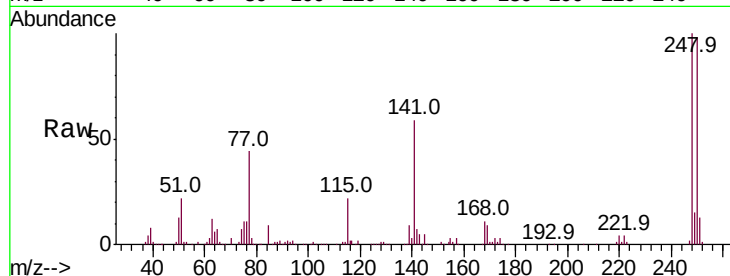




#67
4-Bromophenyl-phenylether
Concen: 44.168 ng
RT: 10.96 min Scan# 1509
Delta R.T. -0.00 min
Lab File: BF113933.D
Acq: 23 Apr 2019 20:58

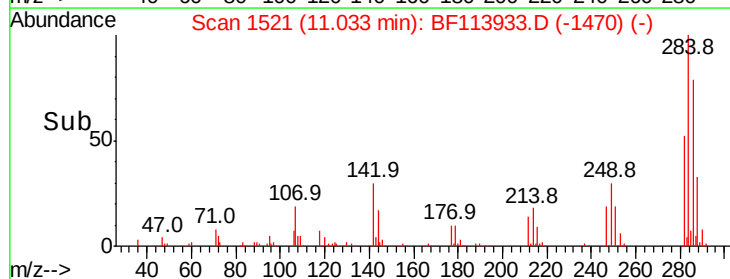
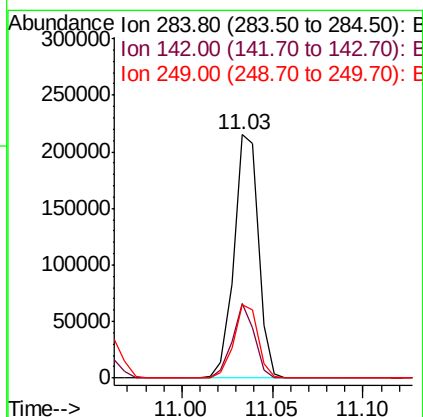
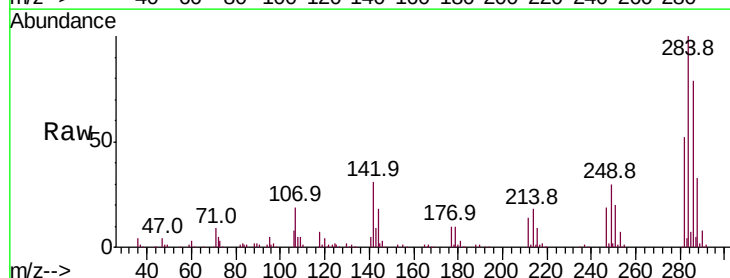
Instrument :
BNA_F
ClientSampleId :
TR-05-042219MS

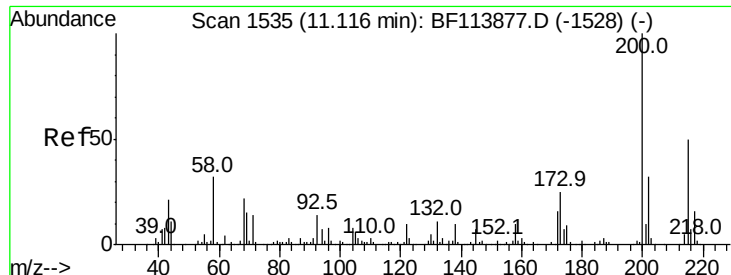
Tot Ion:248 Resp: 185667
Ion Ratio Lower Upper
248 100
250 98.1 75.8 113.6
141 59.2 50.2 75.4



#68
Hexachlorobenzene
Concen: 43.778 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.00 min
Lab File: BF113933.D
Acq: 23 Apr 2019 20:58

Tgt Ion:284 Resp: 202227
Ion Ratio Lower Upper
284 100
142 30.6 23.0 34.4
249 30.2 24.4 36.6





#69

Atrazine

Concen: 47.992 ng

RT: 11.12 min Scan# 1535

Delta R.T. 0.00 min

Lab File: BF113933.D

Acq: 23 Apr 2019 20:58

Instrument :

BNA_F

ClientSampleId :

TR-05-042219MS

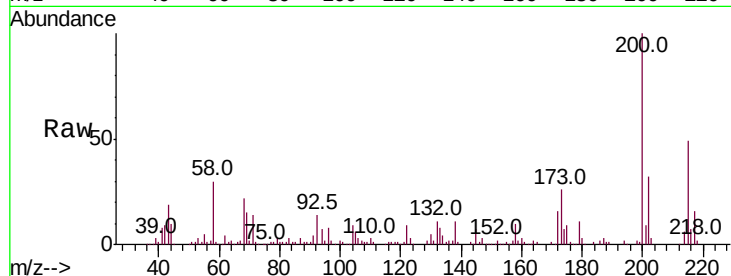
Tot Ion:200 Resp: 163003

Ion Ratio Lower Upper

200 100

173 26.0 5.9 45.9

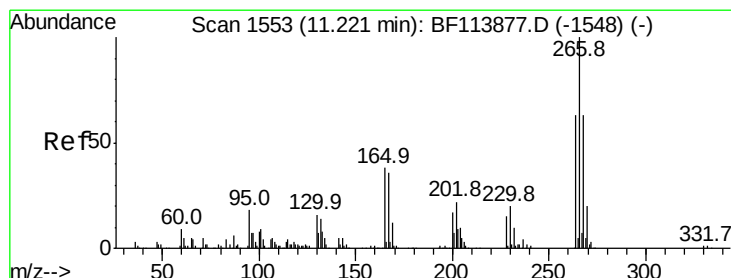
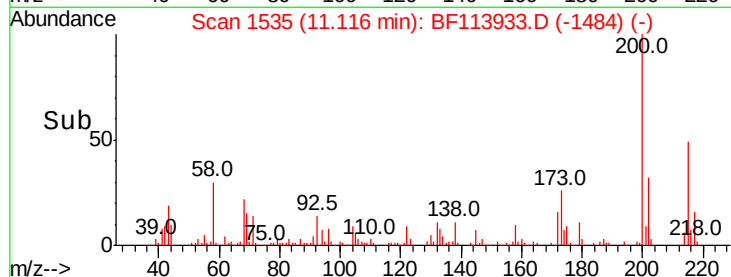
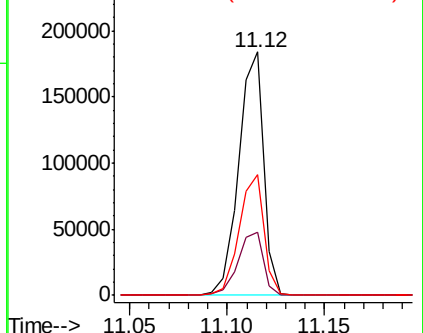
215 49.4 29.3 69.3



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 87.835 ng

RT: 11.23 min Scan# 1554

Delta R.T. 0.01 min

Lab File: BF113933.D

Acq: 23 Apr 2019 20:58

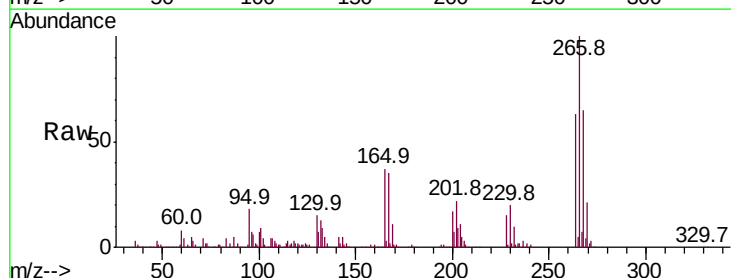
Tgt Ion:266 Resp: 229724

Ion Ratio Lower Upper

266 100

268 64.6 53.5 80.3

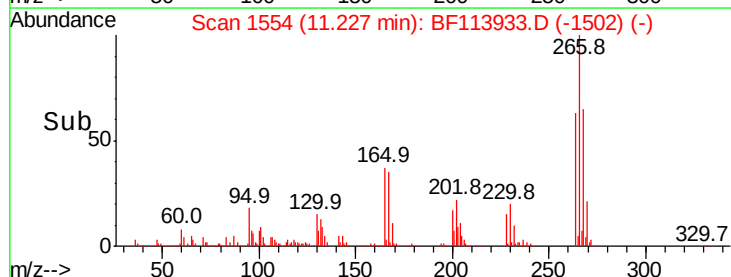
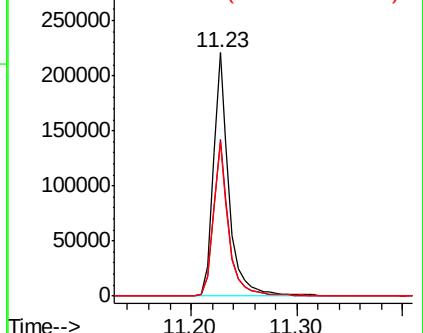
264 63.3 51.0 76.6

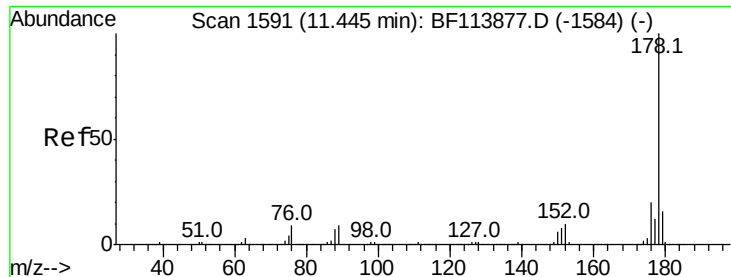


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

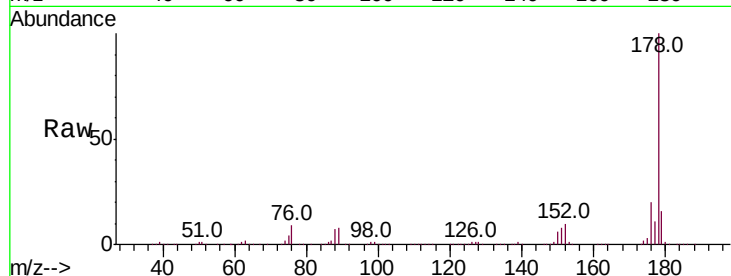




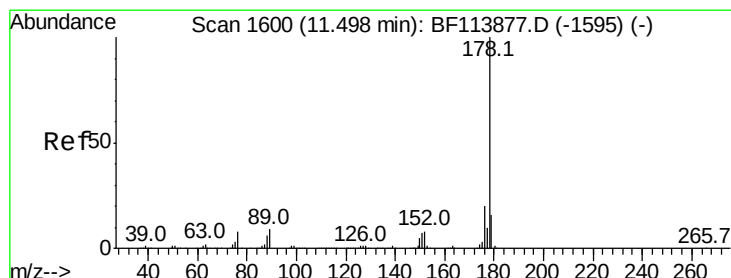
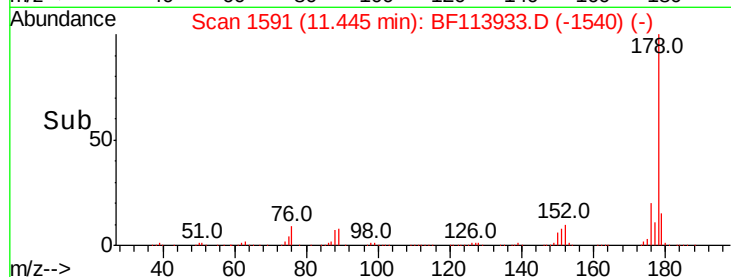
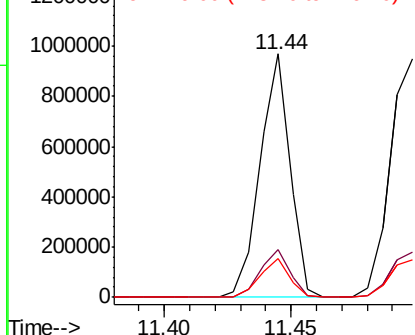
#71
Phenanthrene
Concen: 45.950 ng
RT: 11.44 min Scan# 1591
Delta R.T. -0.00 min
Lab File: BF113933.D
Acq: 23 Apr 2019 20:58

Instrument :
BNA_F
ClientSampleId :
TR-05-042219MS

Tot Ion:178 Resp: 803558
Ion Ratio Lower Upper
178 100
176 19.8 16.1 24.1
179 15.7 12.8 19.2

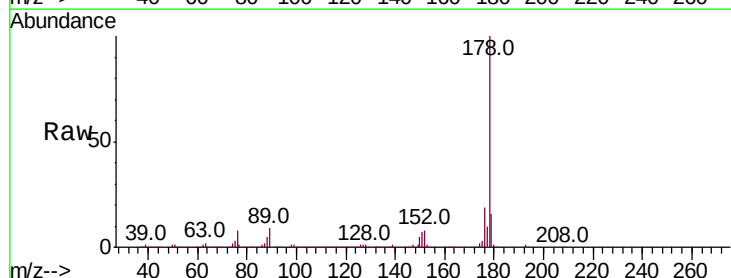


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

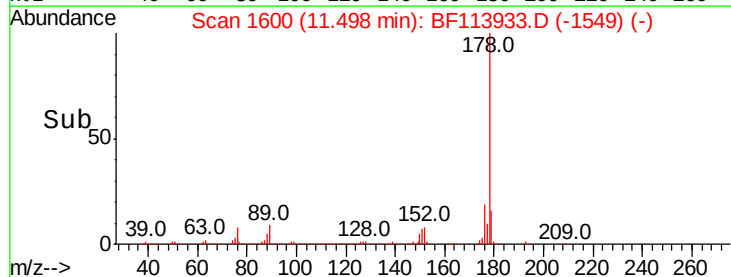
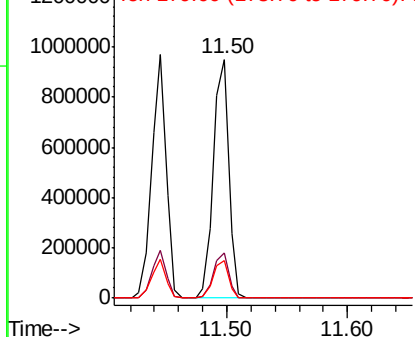


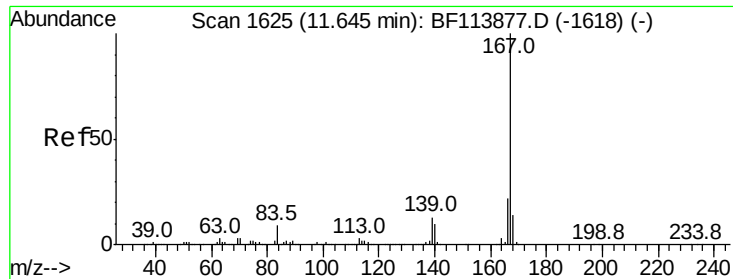
#72
Anthracene
Concen: 47.288 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BF113933.D
Acq: 23 Apr 2019 20:58

Tgt Ion:178 Resp: 835075
Ion Ratio Lower Upper
178 100
176 19.0 15.7 23.5
179 15.6 13.0 19.4



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





#73

Carbazole

Concen: 46.902 ng

RT: 11.64 min Scan# 1625

Delta R.T. -0.00 min

Lab File: BF113933.D

Acq: 23 Apr 2019 20:58

Instrument :

BNA_F

ClientSampleId :

TR-05-042219MS

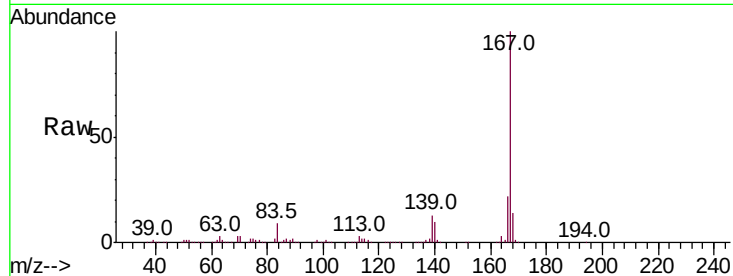
Tot Ion:167 Resp: 738940

Ion Ratio Lower Upper

167 100

166 21.7 17.7 26.5

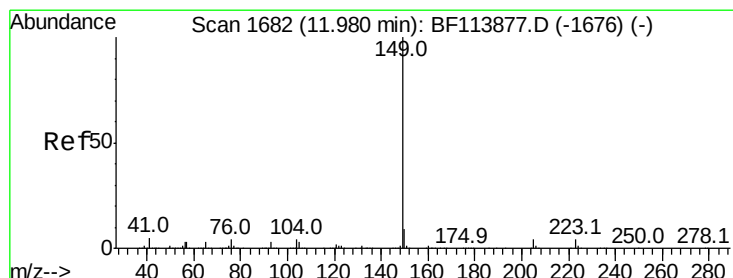
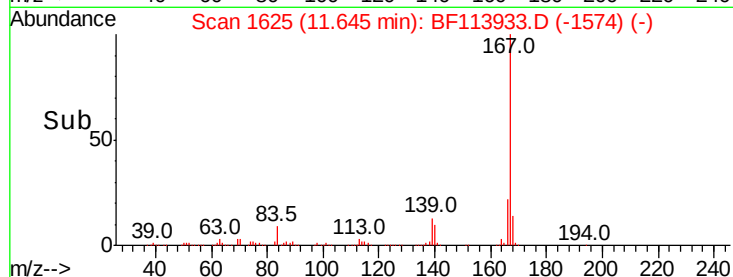
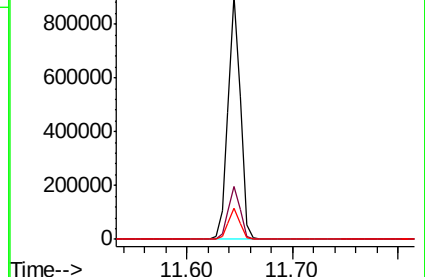
139 12.6 10.0 15.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 47.473 ng

RT: 11.97 min Scan# 1681

Delta R.T. -0.01 min

Lab File: BF113933.D

Acq: 23 Apr 2019 20:58

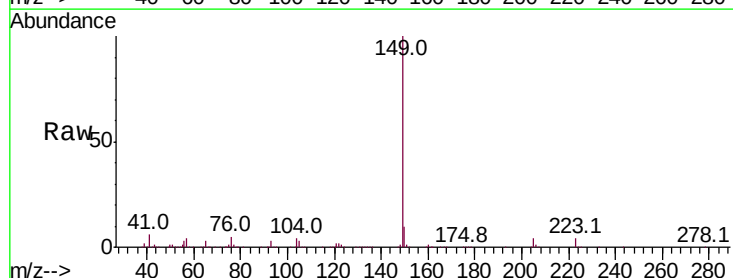
Tgt Ion:149 Resp: 879809

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.8

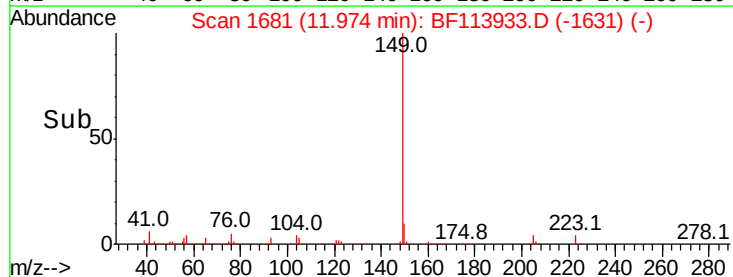
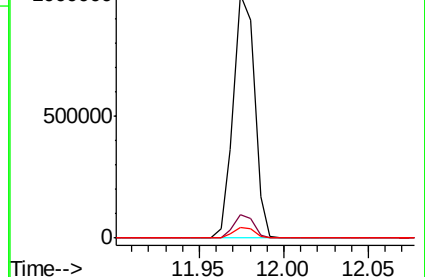
104 4.4 3.8 5.8

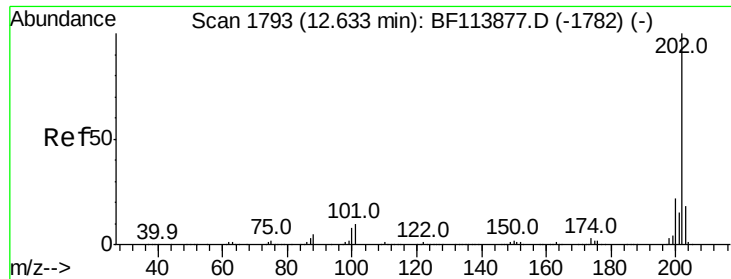


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 49.152 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.00 min

Lab File: BF113933.D

Acq: 23 Apr 2019 20:58

Instrument :

BNA_F

ClientSampleId :

TR-05-042219MS

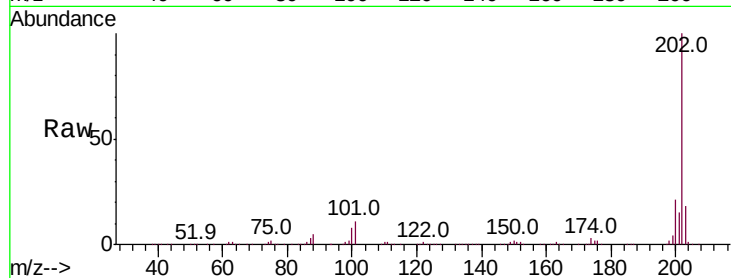
Tot Ion:202 Resp: 937782

Ion Ratio Lower Upper

202 100

101 11.1 0.0 32.9

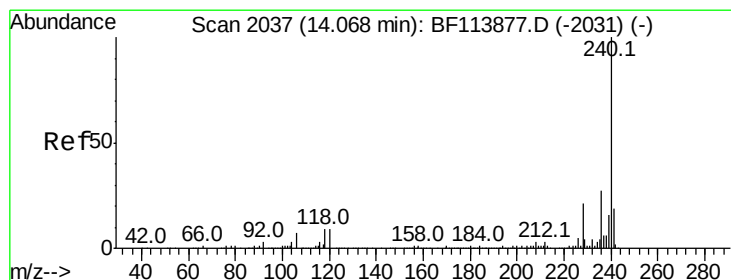
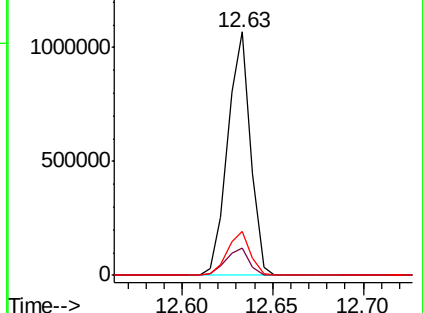
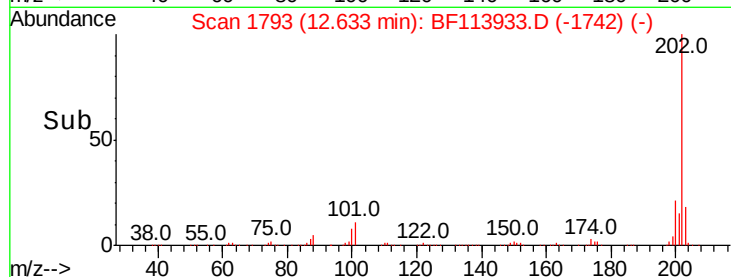
203 18.0 0.0 38.2



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: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF113933.D

Acq: 23 Apr 2019 20:58

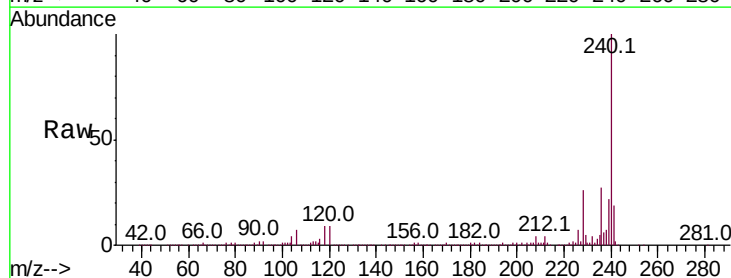
Tgt Ion:240 Resp: 346885

Ion Ratio Lower Upper

240 100

120 9.1 9.3 13.9#

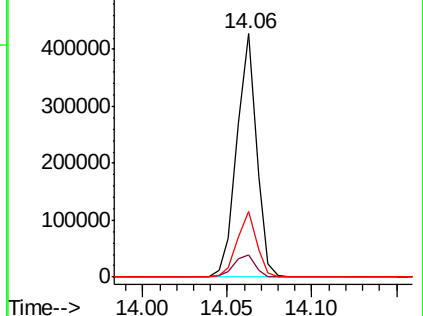
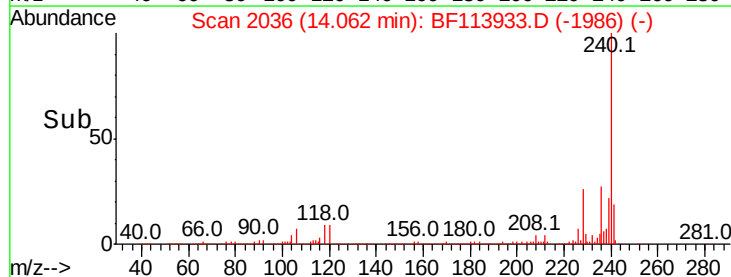
236 27.0 21.2 31.8

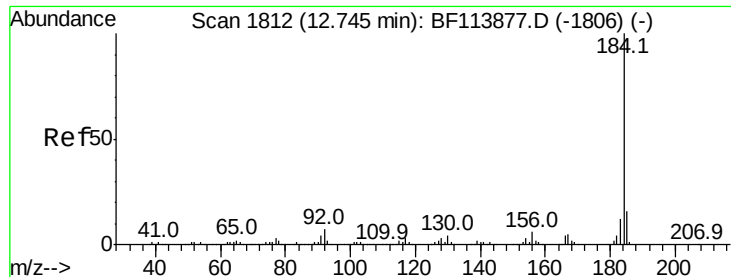


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 30.610 ng

RT: 12.74 min Scan# 1812

Delta R.T. 0.00 min

Lab File: BF113933.D

Acq: 23 Apr 2019 20:58

Instrument :

BNA_F

ClientSampleId :

TR-05-042219MS

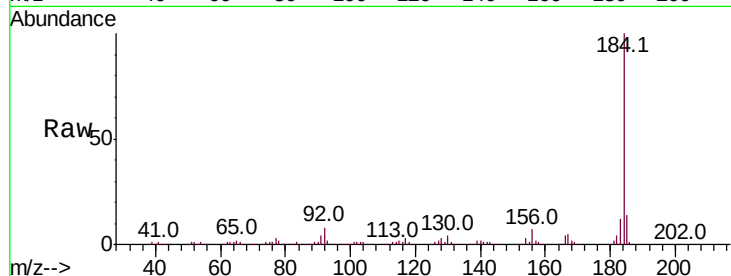
Tot Ion:184 Resp: 316379

Ion Ratio Lower Upper

184 100

185 13.8 13.0 19.6

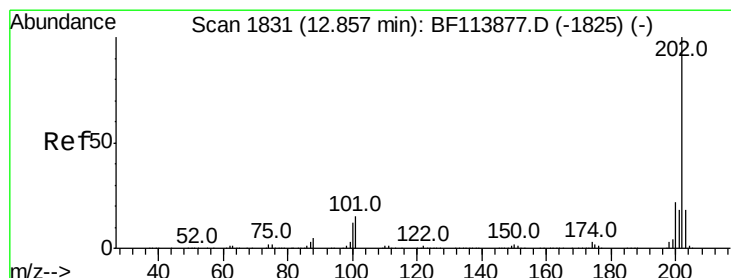
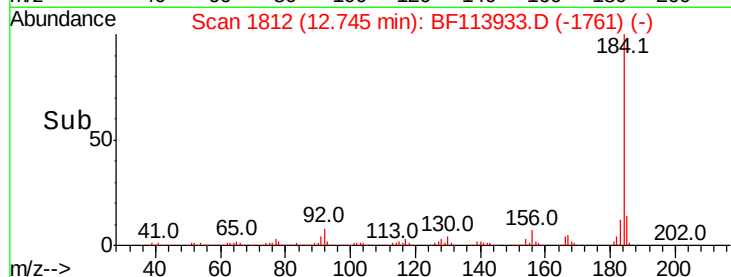
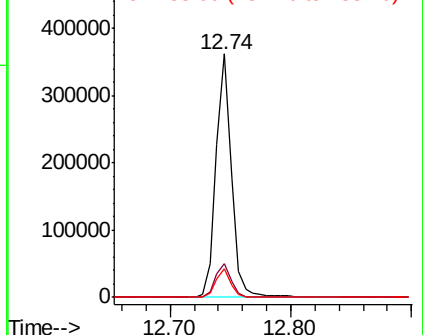
183 11.5 9.4 14.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.469 ng

RT: 12.86 min Scan# 1832

Delta R.T. 0.01 min

Lab File: BF113933.D

Acq: 23 Apr 2019 20:58

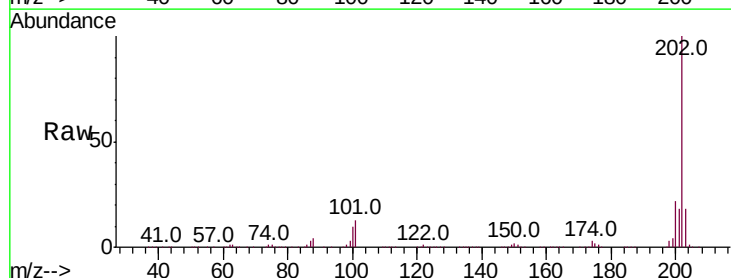
Tgt Ion:202 Resp: 957458

Ion Ratio Lower Upper

202 100

200 21.9 17.7 26.5

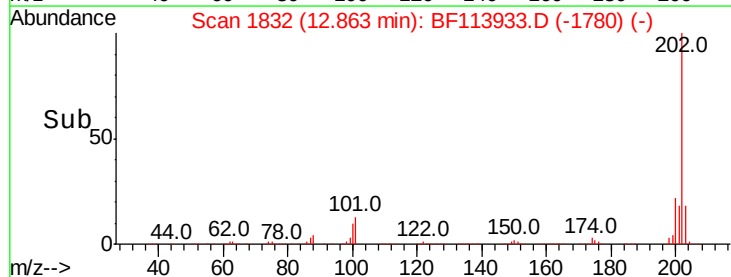
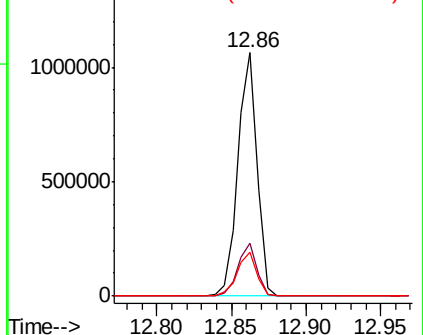
203 17.9 15.0 22.6

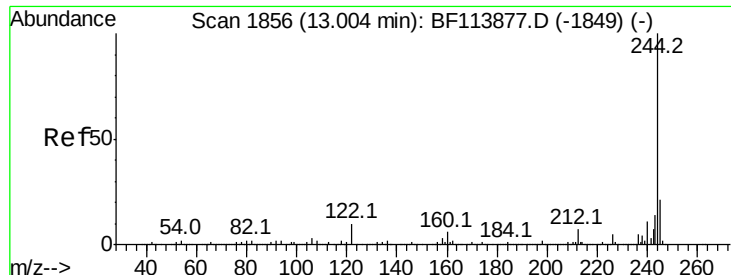


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 80.272 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.00 min

Lab File: BF113933.D

Acq: 23 Apr 2019 20:58

Instrument :

BNA_F

ClientSampleId :

TR-05-042219MS

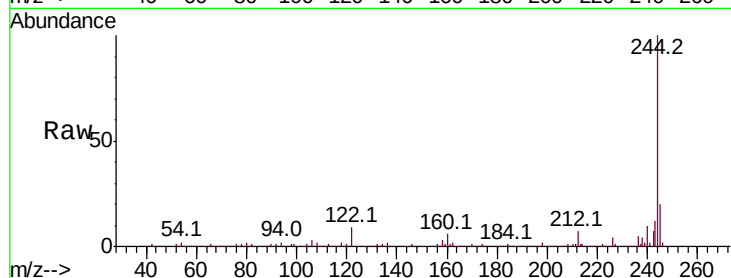
Tot Ion:244 Resp: 1358209

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

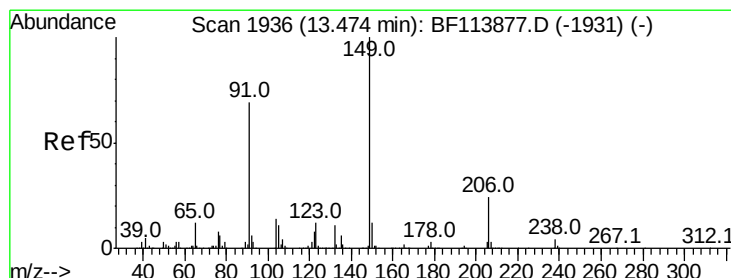
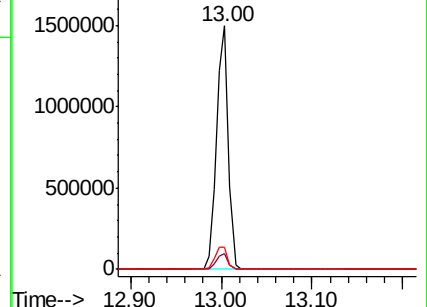
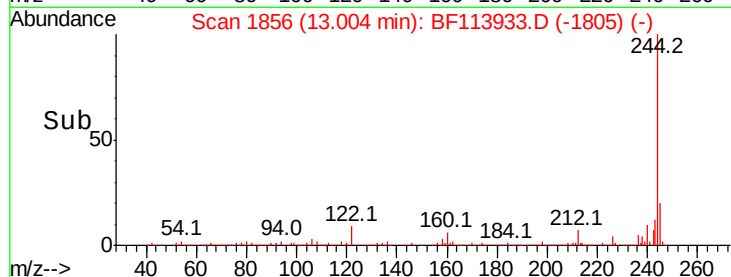
122 9.2 7.6 11.4



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: 42.556 ng

RT: 13.47 min Scan# 1936

Delta R.T. -0.00 min

Lab File: BF113933.D

Acq: 23 Apr 2019 20:58

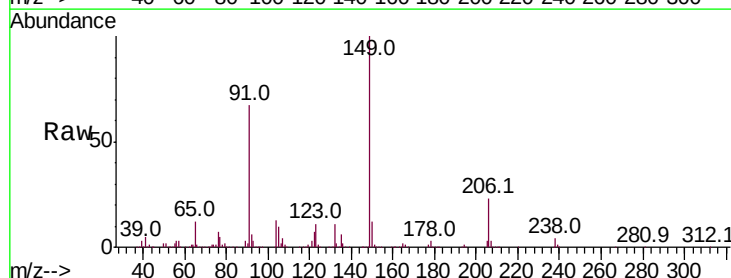
Tgt Ion:149 Resp: 406169

Ion Ratio Lower Upper

149 100

91 67.3 56.3 84.5

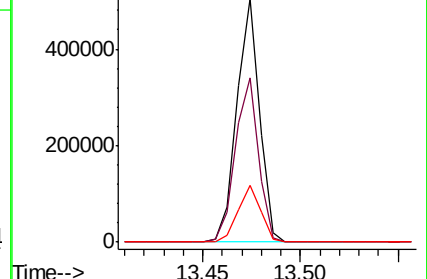
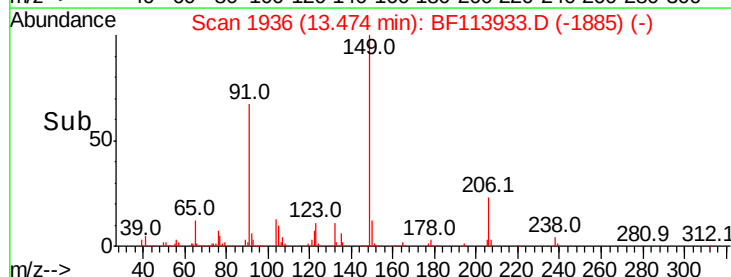
206 23.3 19.0 28.6

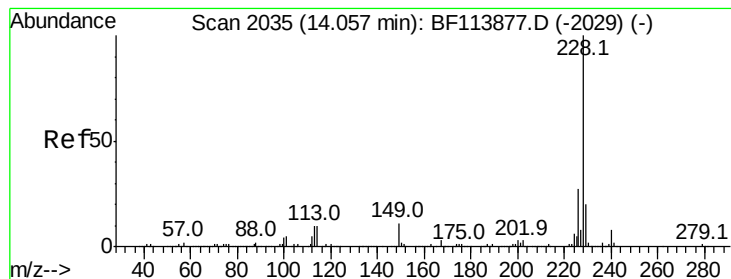


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.729 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF113933.D

Acq: 23 Apr 2019 20:58

Instrument :

BNA_F

ClientSampleId :

TR-05-042219MS

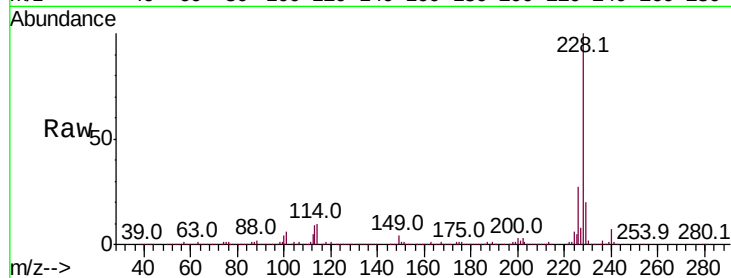
Tot Ion:228 Resp: 955040

Ion Ratio Lower Upper

228 100

226 27.2 22.2 33.2

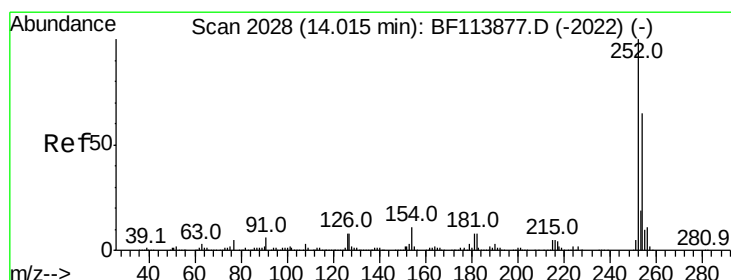
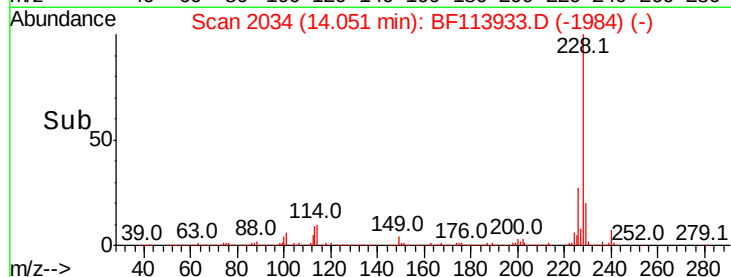
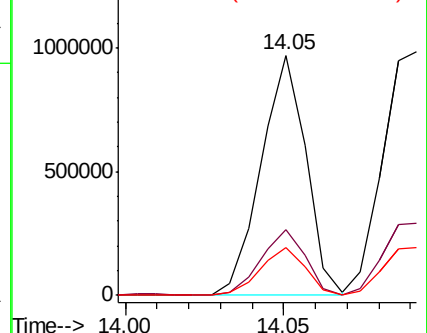
229 20.0 16.0 24.0



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: 45.264 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF113933.D

Acq: 23 Apr 2019 20:58

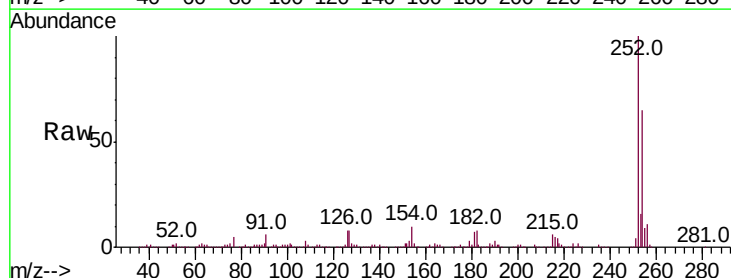
Tgt Ion:252 Resp: 339079

Ion Ratio Lower Upper

252 100

254 64.6 52.1 78.1

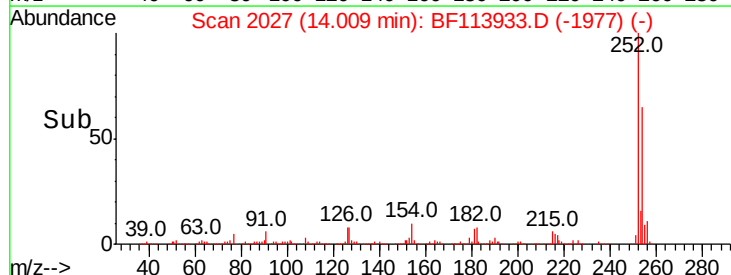
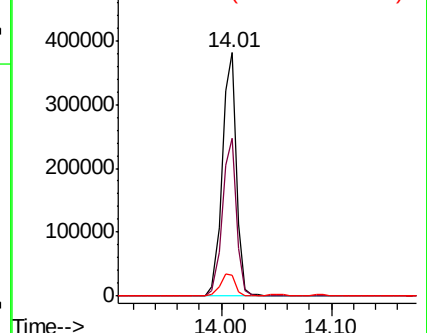
126 8.5 9.3 13.9#

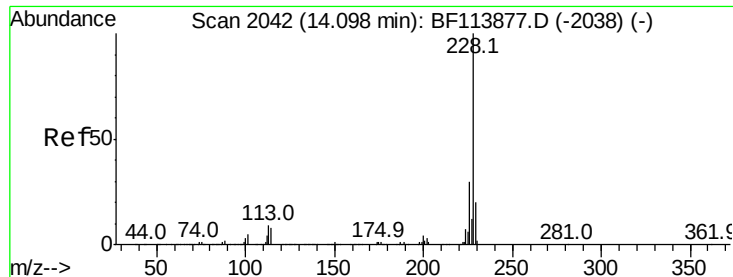


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

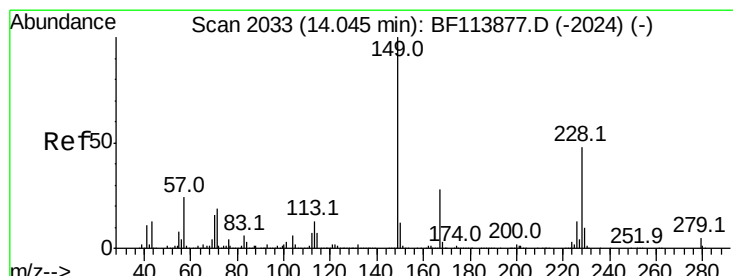
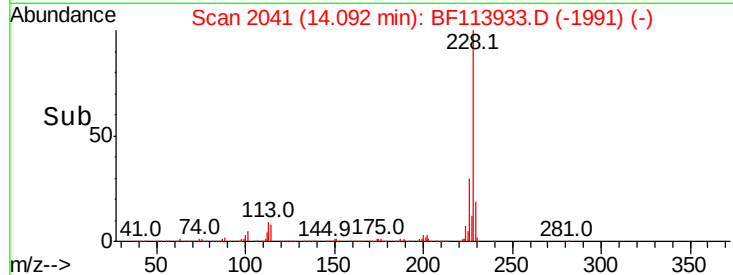
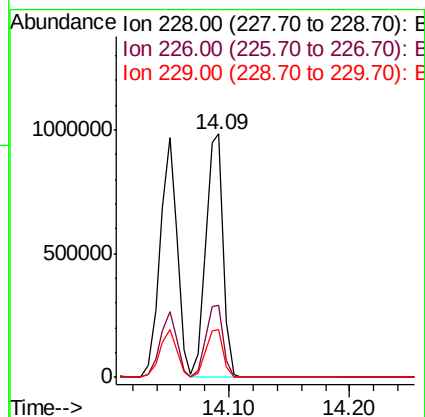
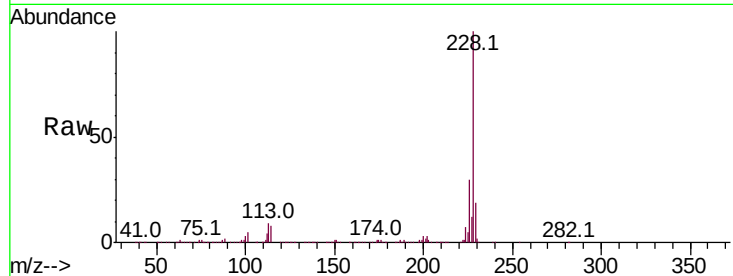




#83
 Chrvsene
 Concen: 48.670 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. -0.01 min
 Lab File: BF113933.D
 Acq: 23 Apr 2019 20:58

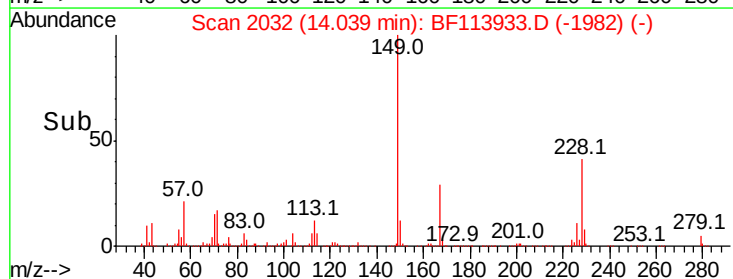
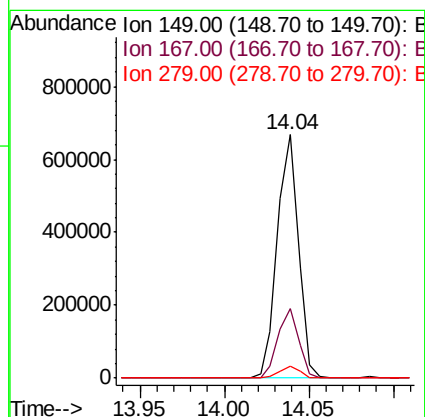
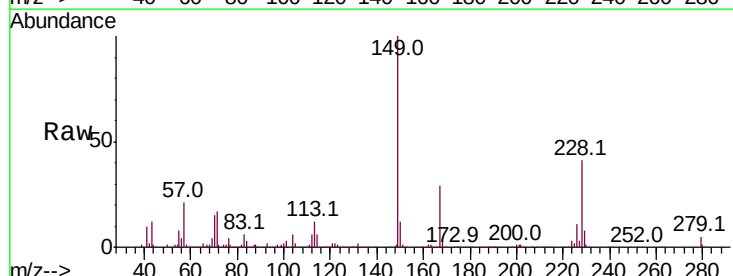
Instrument :
 BNA_F
 ClientSampleId :
 TR-05-042219MS

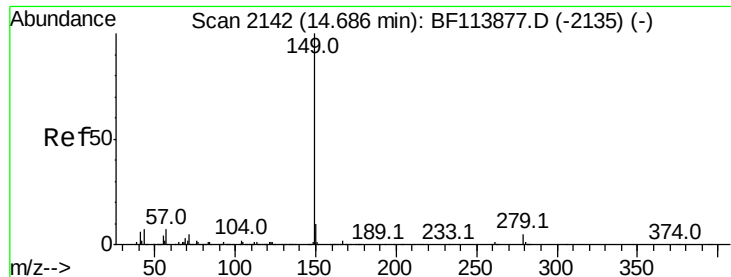
Tot Ion:228	Resp:	968753
Ion Ratio	Lower	Upper
228	100	
226	29.6	25.2 37.8
229	19.4	16.7 25.1



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.756 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF113933.D
 Acq: 23 Apr 2019 20:58

Tgt Ion:149	Resp:	579916
Ion Ratio	Lower	Upper
149	100	
167	28.6	22.9 34.3
279	5.1	4.2 6.2





#85

Di-n-octyl phthalate

Concen: 55.219 ng

RT: 14.66 min Scan# 2138

Delta R.T. -0.02 min

Lab File: BF113933.D

Acq: 23 Apr 2019 20:58

Instrument :

BNA_F

ClientSampleId :

TR-05-042219MS

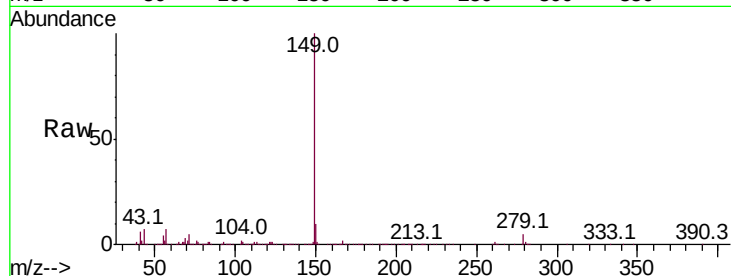
Tot Ion:149 Resp: 1049550

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

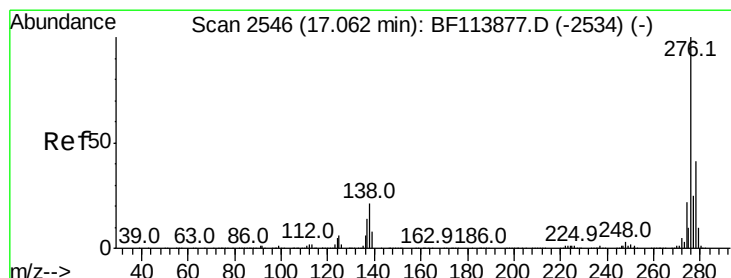
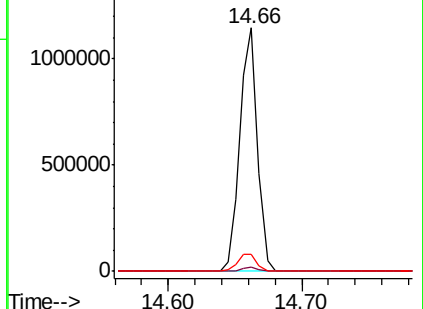
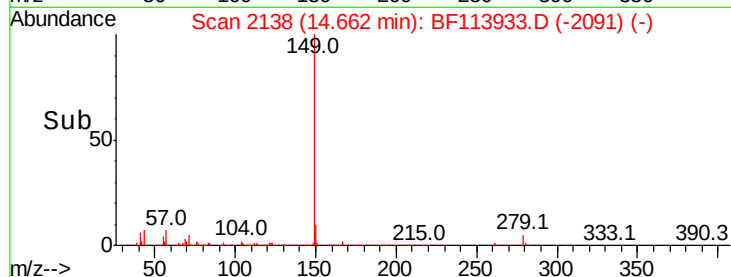
43 7.6 6.6 10.0



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: 37.742 ng

RT: 17.04 min Scan# 2543

Delta R.T. -0.02 min

Lab File: BF113933.D

Acq: 23 Apr 2019 20:58

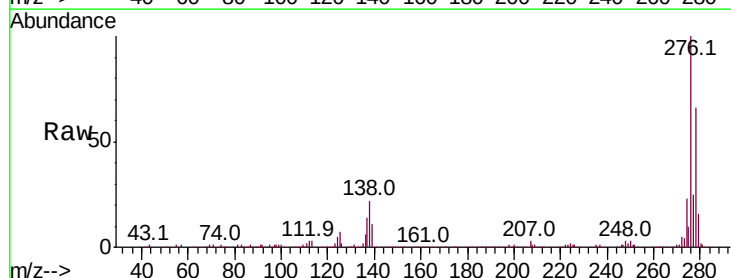
Tgt Ion:276 Resp: 711584

Ion Ratio Lower Upper

276 100

138 22.6 19.6 29.4

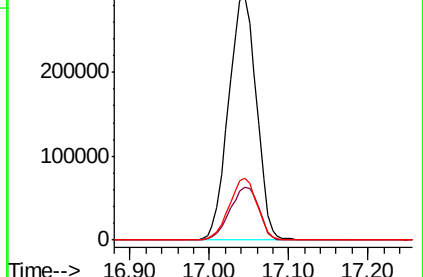
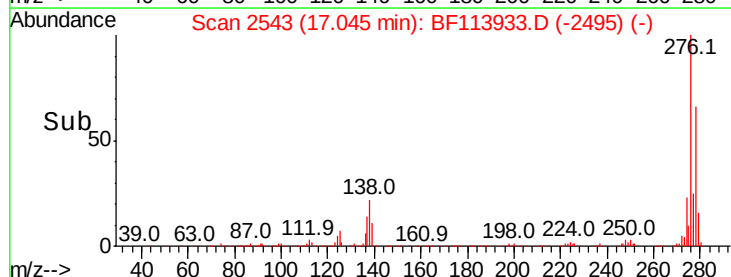
277 25.4 20.2 30.4

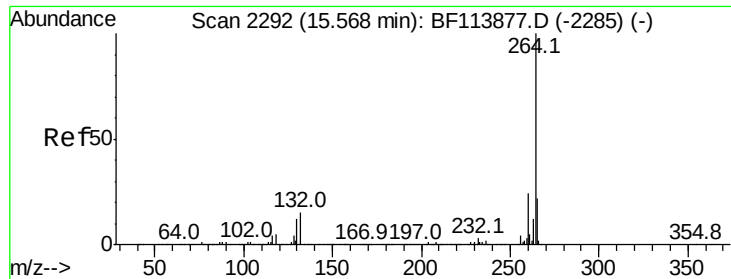


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

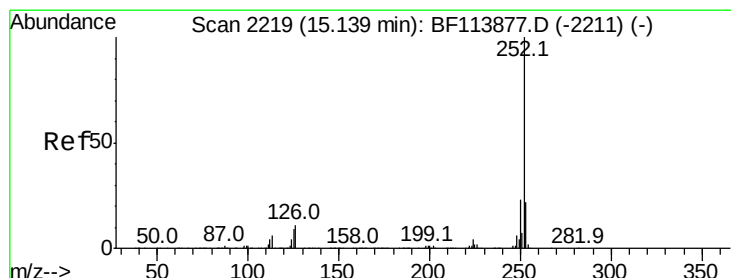
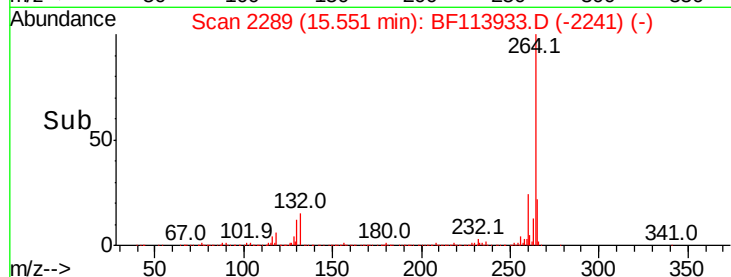
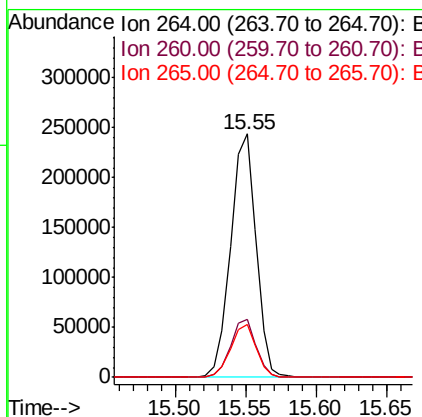
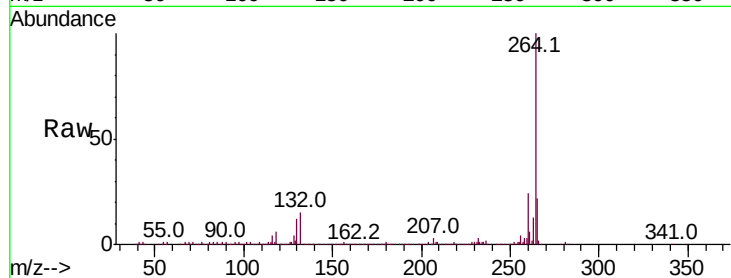




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. -0.02 min
Lab File: BF113933.D
Acq: 23 Apr 2019 20:58

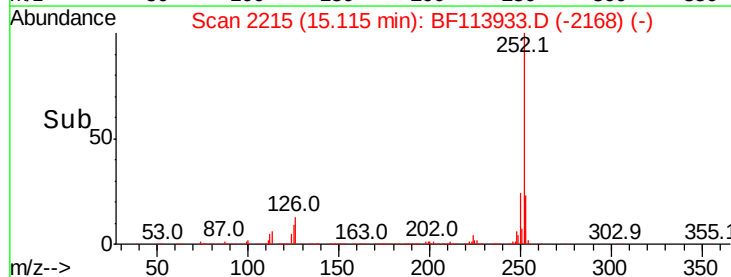
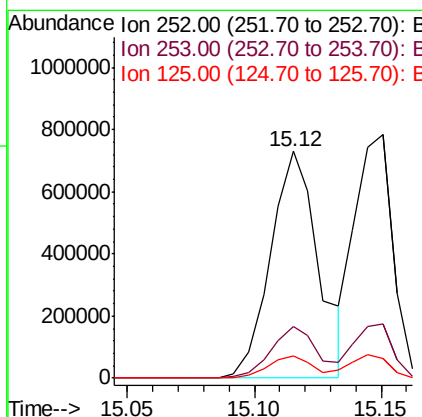
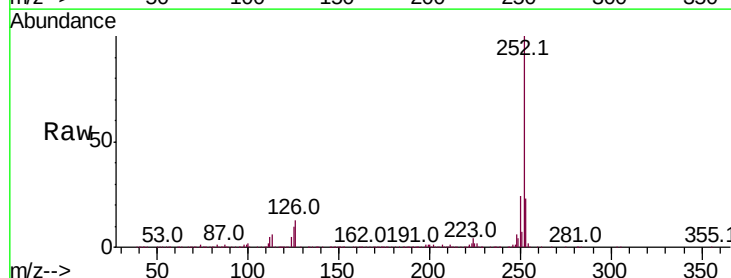
Instrument :
BNA_F
ClientSampleId :
TR-05-042219MS

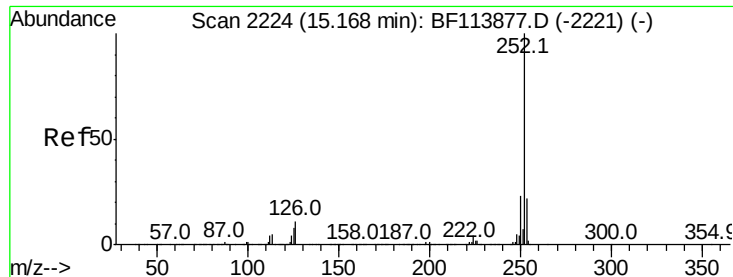
Tot	Ion:264	Resp:	305719
Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.9	28.3
265	21.7	17.3	25.9



#88
Benzo(b)fluoranthene
Concen: 49.856 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.02 min
Lab File: BF113933.D
Acq: 23 Apr 2019 20:58

Tgt	Ion:252	Resp:	964346
Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	9.6	7.0	10.6

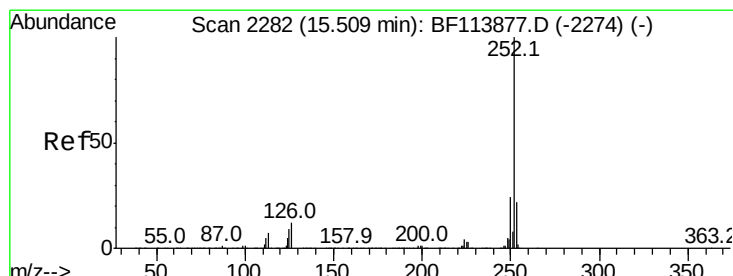
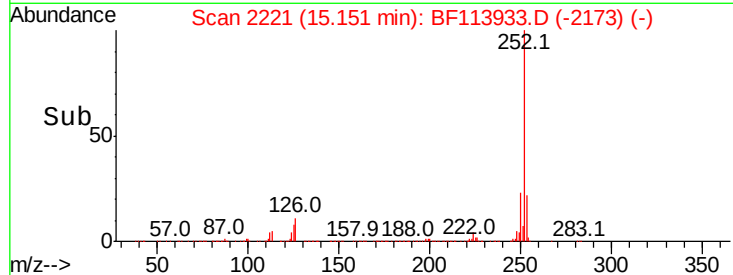
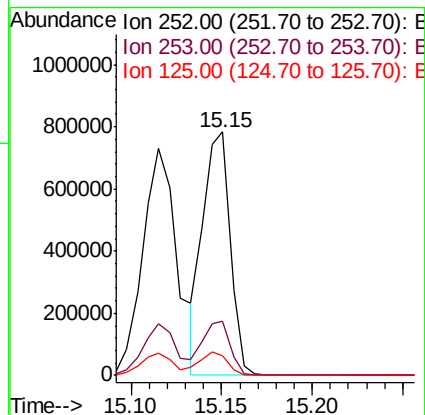
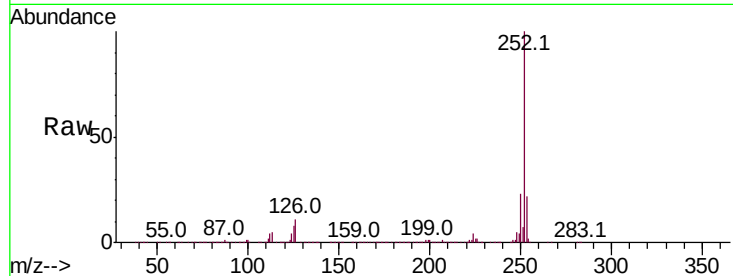




#89
Benzo(k)fluoranthene
Concen: 49.164 ng
RT: 15.15 min Scan# 2221
Delta R.T. -0.02 min
Lab File: BF113933.D
Acq: 23 Apr 2019 20:58

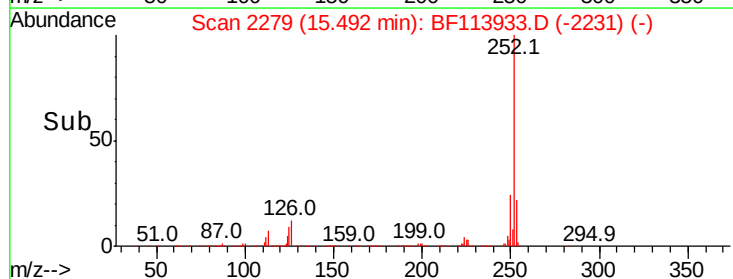
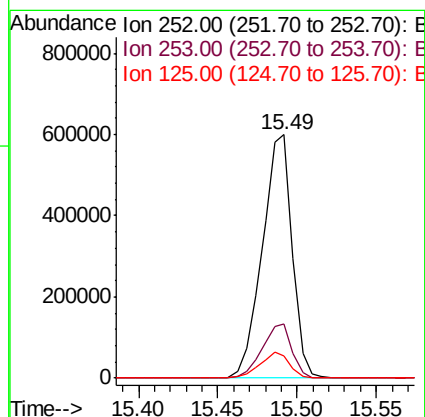
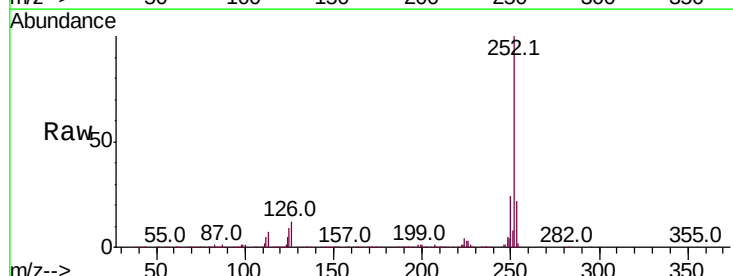
Instrument :
BNA_F
ClientSampleId :
TR-05-042219MS

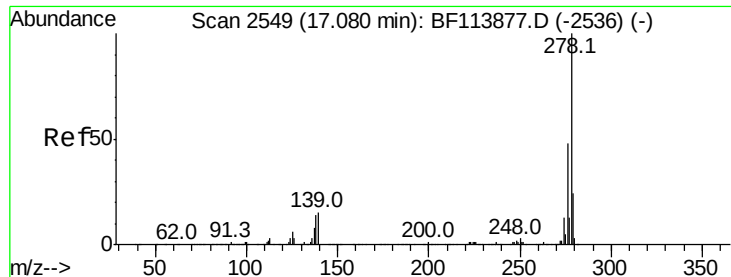
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.2
125	8.2	7.4	11.2



#90
Benzo(a)pyrene
Concen: 47.191 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.02 min
Lab File: BF113933.D
Acq: 23 Apr 2019 20:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	9.4	8.5	12.7





#91

Dibenzo(a,h)anthracene

Concen: 39.098 ng

RT: 17.06 min Scan# 2545

Delta R.T. -0.02 min

Lab File: BF113933.D

Acq: 23 Apr 2019 20:58

Instrument :

BNA_F

ClientSampleId :

TR-05-042219MS

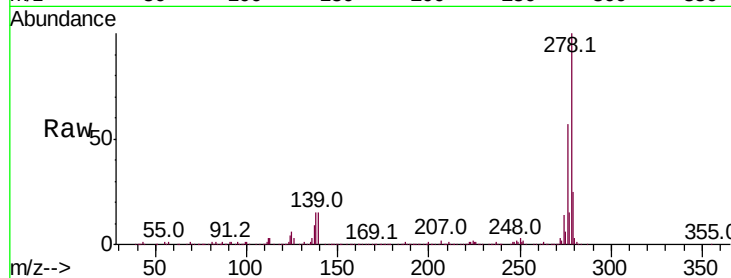
Tot Ion:278 Resp: 614042

Ion Ratio Lower Upper

278 100

139 14.5 11.6 17.4

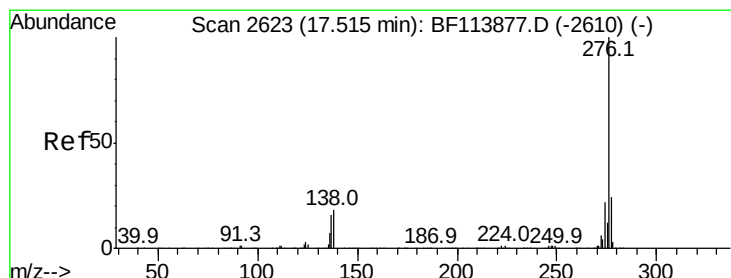
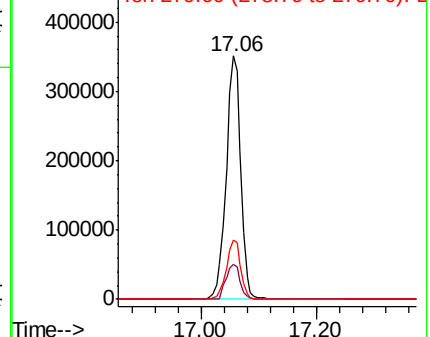
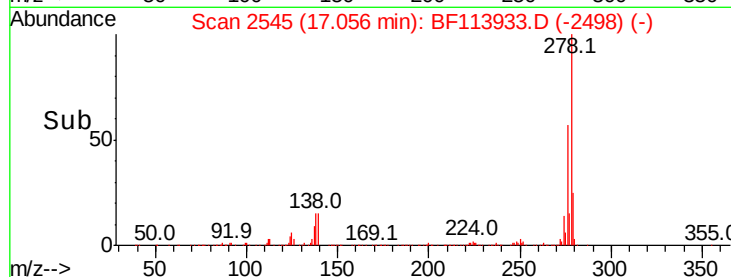
279 24.6 19.0 28.6



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: 35.558 ng

RT: 17.49 min Scan# 2619

Delta R.T. -0.02 min

Lab File: BF113933.D

Acq: 23 Apr 2019 20:58

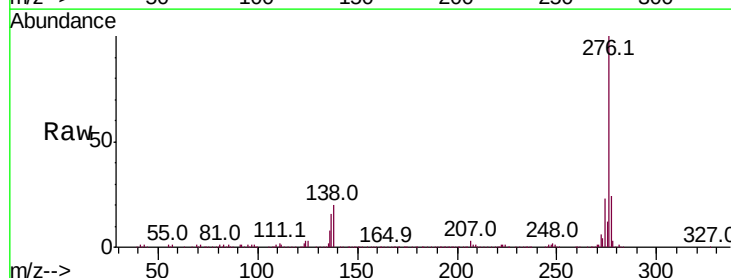
Tgt Ion:276 Resp: 563571

Ion Ratio Lower Upper

276 100

277 23.6 19.0 28.4

138 19.6 16.6 25.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

