

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041519\
 Data File : BF113766.D
 Acq On : 15 Apr 2019 16:40
 Operator : JU/SJ
 Sample : K2199-10MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 15 23:07:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	115918	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	430211	20.00	ng	-0.02
39) Acenaphthene-d10	9.70	164	211466	20.00	ng	-0.02
64) Phenanthrene-d10	11.19	188	428953	20.00	ng	-0.02
76) Chrysene-d12	13.83	240	264289	20.00	ng	-0.02
87) Perylene-d12	15.23	264	280546	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	779353	114.65	ng	0.00
7) Phenol-d6	6.33	99	909682	108.58	ng	0.00
23) Nitrobenzene-d5	7.25	82	642821	87.52	ng	-0.01
42) 2,4,6-Tribromophenol	10.50	330	348687	137.27	ng	-0.02
45) 2-Fluorobiphenyl	9.03	172	1216852	92.64	ng	-0.02
79) Terphenyl-d14	12.77	244	1387985	106.93	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.46	88	115183	35.776	ng	# 83
3) Pyridine	3.17	79	242134	28.738	ng	97
4) n-Nitrosodimethylamine	3.06	42	133704	37.348	ng	97
6) Aniline	6.35	93	95970	9.450	ng	# 27
8) 2-Chlorophenol	6.47	128	320242	40.718	ng	96
9) Benzaldehyde	6.23	77	105358	21.149	ng	99
10) Phenol	6.35	94	315585	32.980	ng	80
11) bis(2-Chloroethyl)ether	6.41	93	324281	43.566	ng	98
12) 1,3-Dichlorobenzene	6.61	146	340602	40.213	ng	99
13) 1,4-Dichlorobenzene	6.69	146	354248	41.388	ng	99
14) 1,2-Dichlorobenzene	6.84	146	329900	42.701	ng	99
15) Benzyl Alcohol	6.83	79	205992	36.362	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.95	45	479067	41.348	ng	67
17) 2-Methylphenol	6.96	107	274301	45.004	ng	# 88
18) Hexachloroethane	7.17	117	120802	38.776	ng	98
19) n-Nitroso-di-n-propylamine	7.10	70	226376	43.817	ng	98
20) 3+4-Methylphenols	7.12	107	331123	44.836	ng	90
22) Acetophenone	7.09	105	447770	47.389	ng	98
24) Nitrobenzene	7.26	77	337078	44.565	ng	99
25) Isophorone	7.50	82	616900	43.602	ng	100
26) 2-Nitrophenol	7.58	139	178087	43.747	ng	92
27) 2,4-Dimethylphenol	7.63	122	295085	50.705	ng	100
28) bis(2-Chloroethoxy)methane	7.71	93	393151	43.952	ng	100
29) 2,4-Dichlorophenol	7.84	162	291669	46.842	ng	98
30) 1,2,4-Trichlorobenzene	7.90	180	301679	44.614	ng	99
31) Naphthalene	7.97	128	957959	45.957	ng	99
32) Benzoic acid	7.79	122	89388	19.836	ng	97
33) 4-Chloroaniline	8.06	127	52404	6.340	ng	96
34) Hexachlorobutadiene	8.09	225	178672	43.340	ng	99
35) Caprolactam	8.42	113	28966	14.655	ng	96
36) 4-Chloro-3-methylphenol	8.54	107	285509	45.677	ng	99
37) 2-Methylnaphthalene	8.67	142	643736	46.955	ng	99
38) 1-Methylnaphthalene	8.76	142	609603	46.114	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.84	216	308846	45.159	ng	99

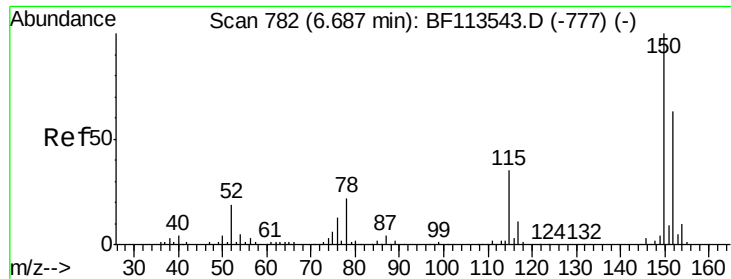
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041519\
 Data File : BF113766.D
 Acq On : 15 Apr 2019 16:40
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	131154	59.031	nq	99
43) 2,4,6-Trichlorophenol	8.96	196	198226	45.918	nq	96
44) 2,4,5-Trichlorophenol	9.02	196	207583	44.790	nq	98
46) 1,1'-Biphenyl	9.13	154	801249	45.917	nq	99
47) 2-Chloronaphthalene	9.16	162	601544	45.530	nq	98
48) 2-Nitroaniline	9.26	65	183057	45.280	nq	98
49) Acenaphthylene	9.57	152	951190	44.274	nq	99
50) Dimethylphthalate	9.43	163	703942	45.160	nq	99
51) 2,6-Dinitrotoluene	9.50	165	156983	45.688	nq	99
52) Acenaphthene	9.74	154	569961	46.345	nq	98
53) 3-Nitroaniline	9.68	138	53227	13.625	nq	90
54) 2,4-Dinitrophenol	9.80	184	88894	55.299	nq	94
55) Dibenzofuran	9.91	168	857585	47.538	nq	98
56) 4-Nitrophenol	9.88	139	103387	42.663	nq	91
57) 2,4-Dinitrotoluene	9.92	165	204840	49.293	nq	89
58) Fluorene	10.26	166	680399	47.686	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.05	232	204299	50.926	nq	93
60) Diethylphthalate	10.13	149	707299	47.063	nq	99
61) 4-Chlorophenyl-phenylether	10.25	204	341794	48.702	nq	92
62) 4-Nitroaniline	10.30	138	162019	40.785	nq	97
63) Azobenzene	10.40	77	651565	45.788	nq	97
65) 4,6-Dinitro-2-methylphenol	10.33	198	72409	32.064	nq	92
66) n-Nitrosodiphenylamine	10.37	169	621294	47.180	nq	99
67) 4-Bromophenyl-phenylether	10.73	248	216709	45.046	nq	93
68) Hexachlorobenzene	10.81	284	248902	45.153	nq	99
69) Atrazine	10.90	200	189995	45.775	nq	96
70) Pentachlorophenol	11.02	266	167878	64.630	nq	98
71) Phenanthrene	11.22	178	1002937	47.053	nq	99
72) Anthracene	11.27	178	1060283	48.892	nq	99
73) Carbazole	11.43	167	972524	47.948	nq	99
74) Di-n-butylphthalate	11.75	149	1117487	46.315	nq	99
75) Fluoranthene	12.40	202	1087746	47.623	nq	99
77) Benzidine	12.53	184	236091	24.022	nq	98
78) Pyrene	12.63	202	1062102	52.816	nq	100
80) Butylbenzylphthalate	13.24	149	454196	55.486	nq	99
81) Benzo(a)anthracene	13.82	228	762537	50.017	nq	99
82) 3,3'-Dichlorobenzidine	13.78	252	83046	14.142	nq	98
83) Chrysene	13.85	228	783876	50.721	nq	99
84) Bis(2-ethylhexyl)phthalate	13.80	149	586891	59.300	nq	99
85) Di-n-octyl phthalate	14.41	149	897227	55.772	nq	100
86) Indeno(1,2,3-cd)pyrene	16.61	276	948577	66.478	nq	99
88) Benzo(b)fluoranthene	14.84	252	737741	42.960	nq	99
89) Benzo(k)fluoranthene	14.86	252	705441	45.771	nq	99
90) Benzo(a)pyrene	15.18	252	731573	47.941	nq	99
91) Dibenzo(a,h)anthracene	16.61	278	795775	55.765	nq	100
92) Benzo(g,h,i)perylene	17.01	276	844725	57.995	nq	99

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

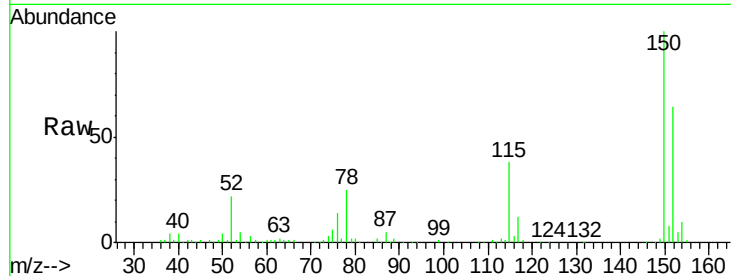


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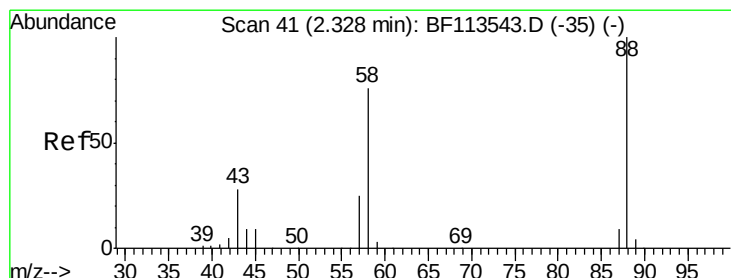
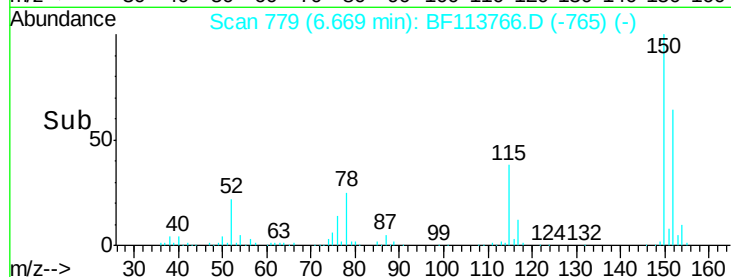
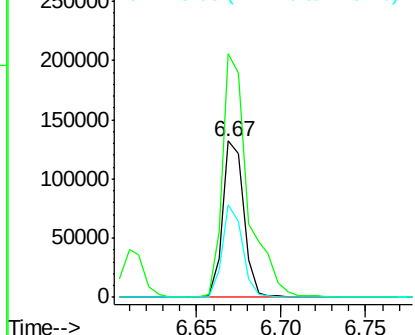
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.02 min
Lab File: BF113766.D
Acq: 15 Apr 2019 16:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 115918
Ion Ratio Lower Upper
152 100
150 155.6 124.7 187.1
115 59.5 46.0 69.0



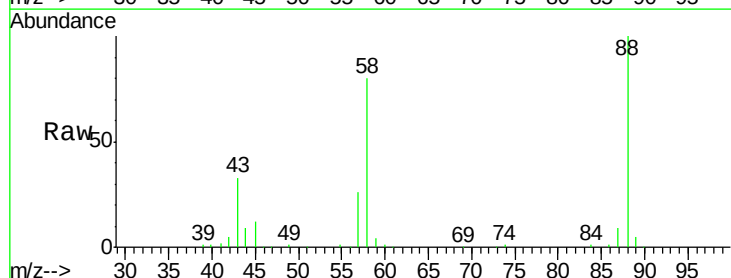
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



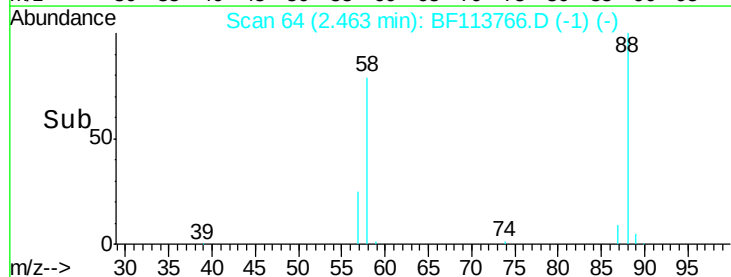
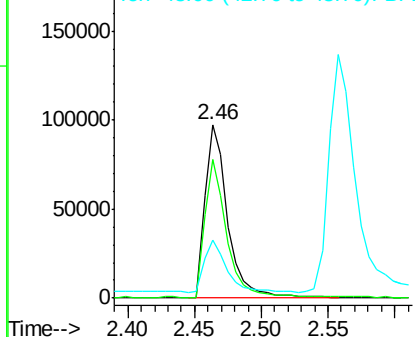
#2

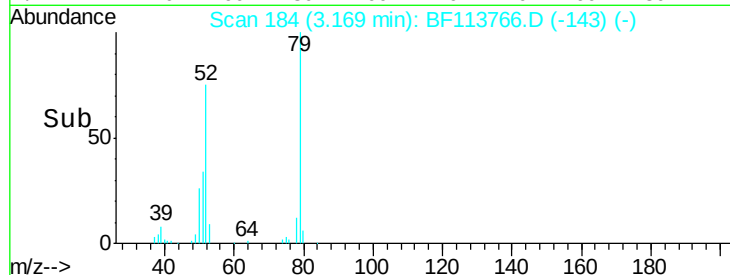
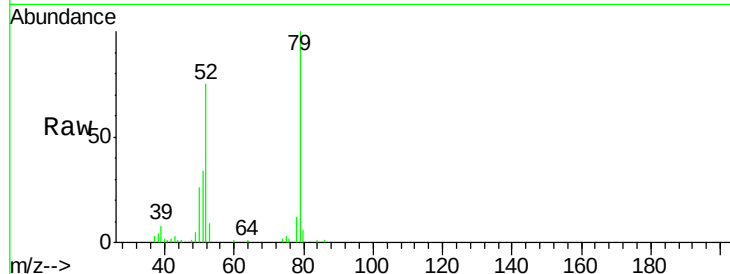
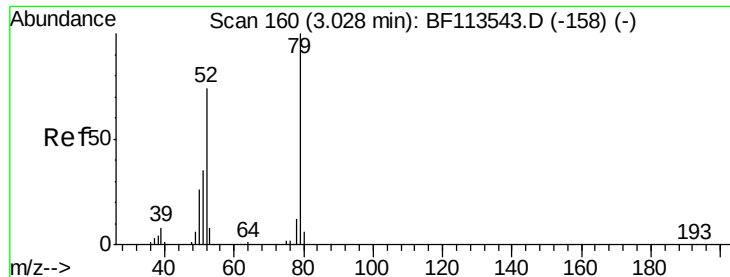
1,4-Dioxane
Concen: 35.776 ng
RT: 2.46 min Scan# 64
Delta R.T. 0.14 min
Lab File: BF113766.D
Acq: 15 Apr 2019 16:40

Tgt Ion: 88 Resp: 115183
Ion Ratio Lower Upper
88 100
58 76.2 61.9 92.9
43 0.0 24.2 36.4#



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

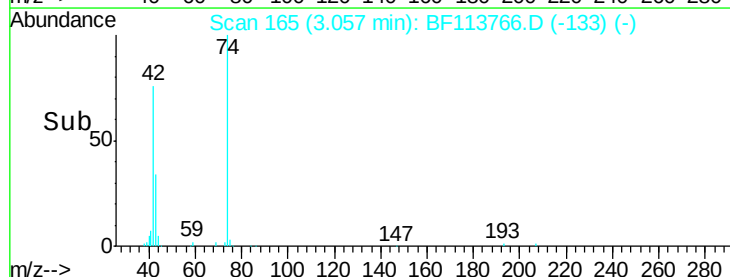
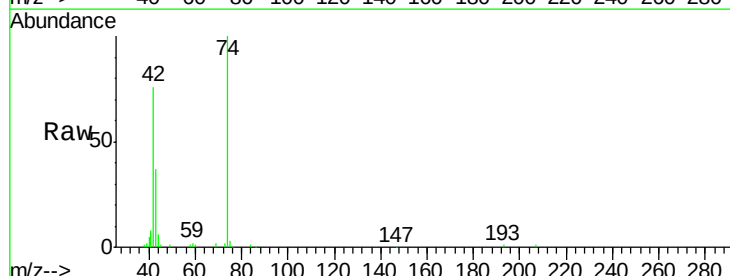
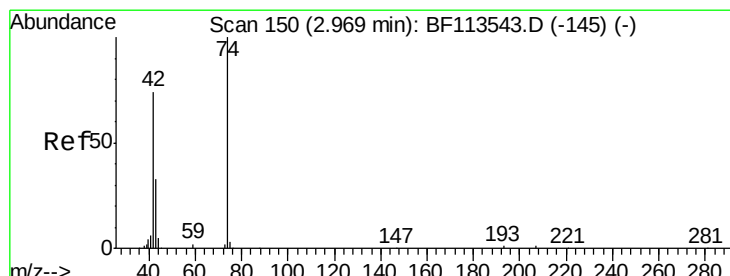
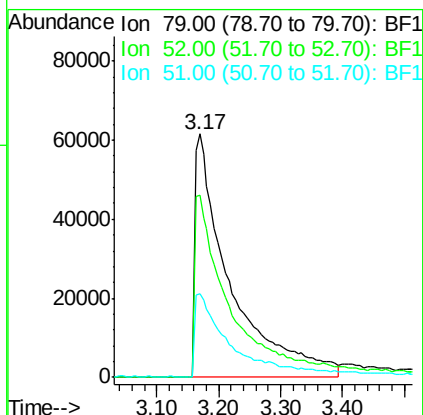




#3
 Pvridine
 Concen: 28.738 ng
 RT: 3.17 min Scan# 184
 Delta R.T. 0.14 min
 Lab File: BF113766.D
 Acq: 15 Apr 2019 16:40

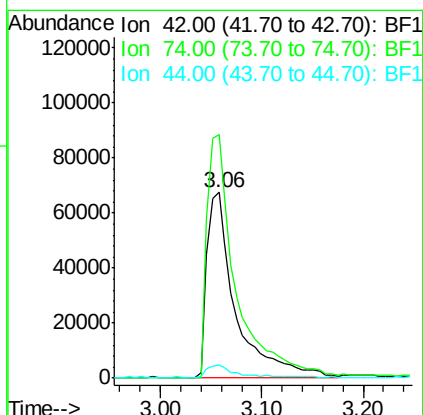
Instrument :
 BNA_F
 ClientSampleId :

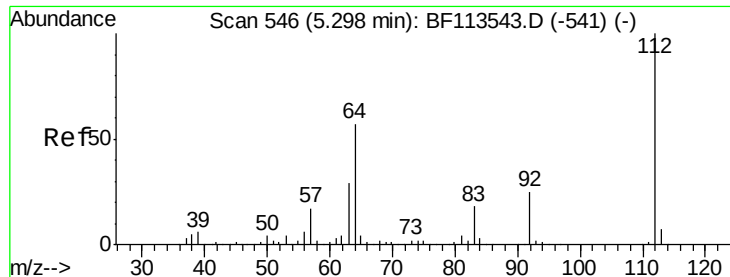
Tot Ion	Ratio	Lower	Upper
79	100		
52	74.8	61.0	91.4
51	34.3	30.6	45.8



#4
 n-Nitrosodimethylamine
 Concen: 37.348 ng
 RT: 3.06 min Scan# 165
 Delta R.T. 0.09 min
 Lab File: BF113766.D
 Acq: 15 Apr 2019 16:40

Tgt Ion	Ratio	Lower	Upper
42	100		
74	131.2	102.4	153.6
44	7.2	5.5	8.3

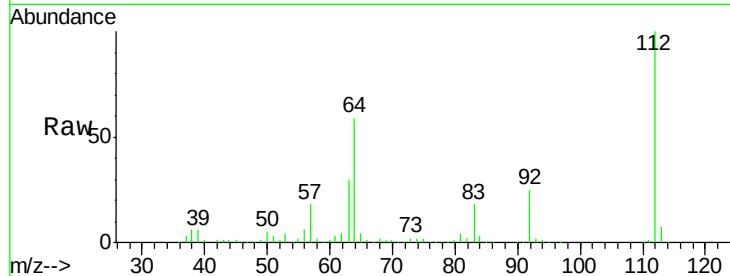




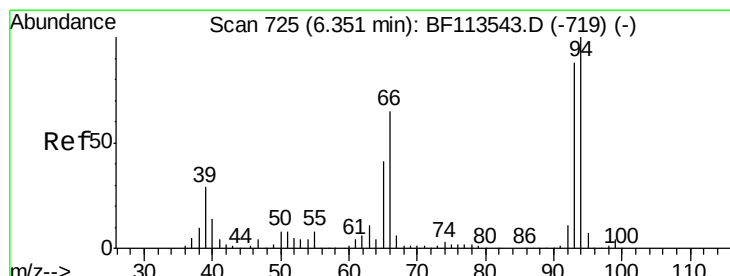
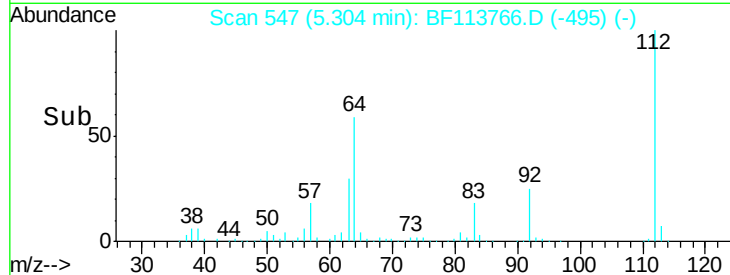
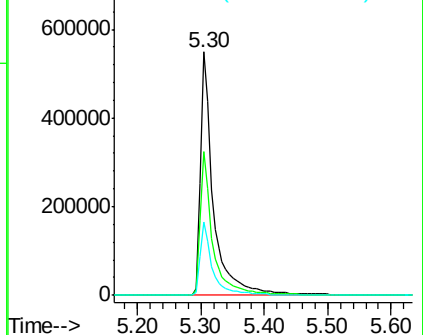
#5
2-Fluorophenol
Concen: 114.648 ng
RT: 5.30 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF113766.D
Acq: 15 Apr 2019 16:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
112	100		
64	59.3	49.2	73.8
63	29.9	24.9	37.3

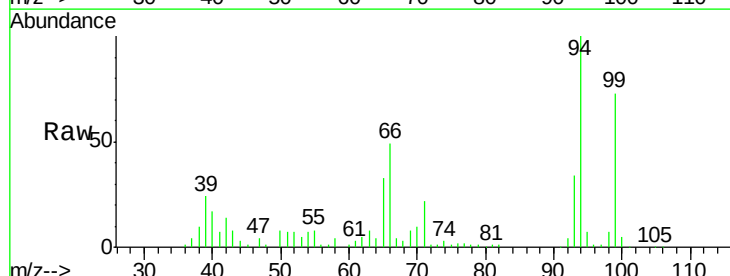


Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1

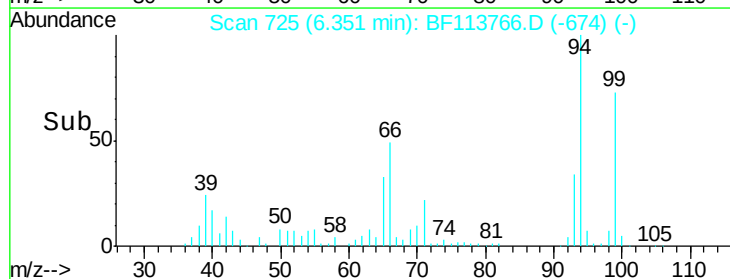
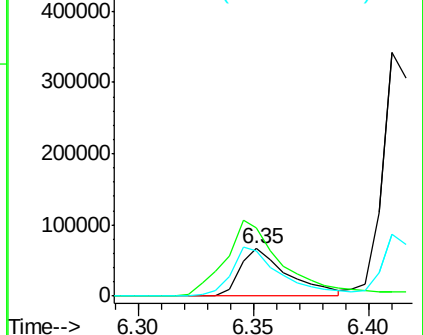


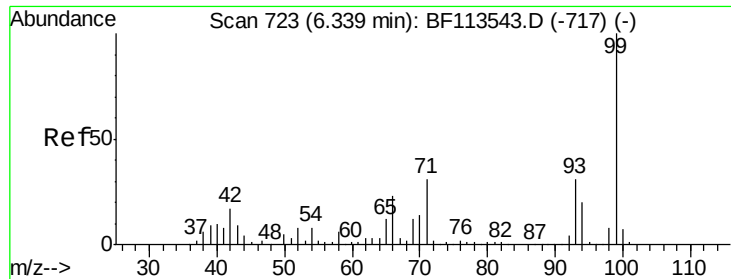
#6
Aniline
Concen: 9.450 ng
RT: 6.35 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF113766.D
Acq: 15 Apr 2019 16:40

Tgt Ion	Ratio	Lower	Upper
93	100		
66	142.8	62.1	93.1#
65	95.7	38.7	58.1#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 108.576 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF113766.D

Acq: 15 Apr 2019 16:40

Instrument :

BNA_F

ClientSampled :

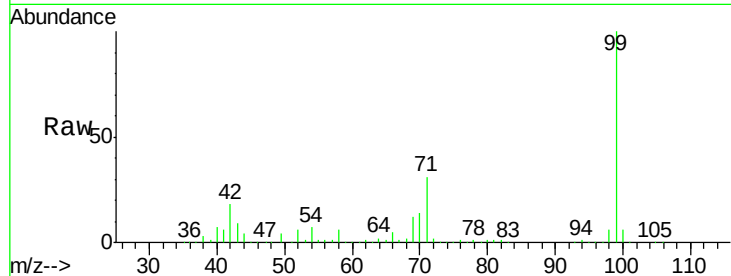
Tot Ion: 99 Resp: 909682

Ion Ratio Lower Upper

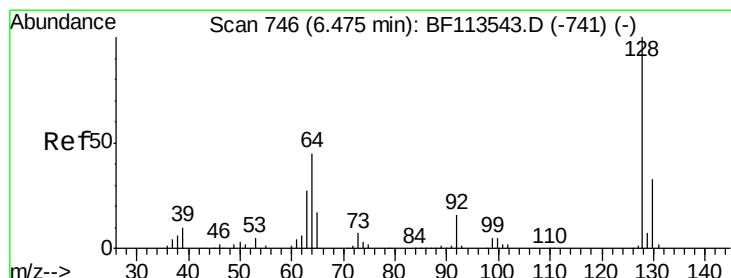
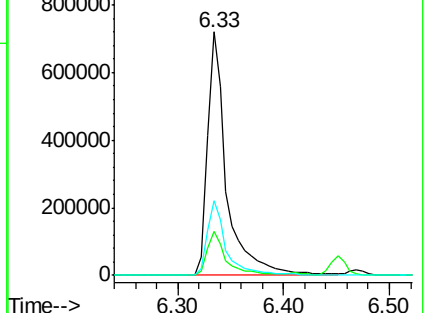
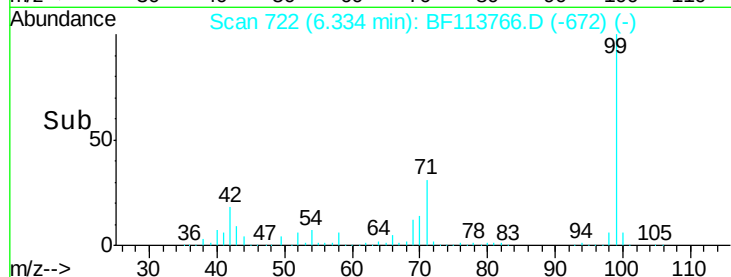
99 100

42 18.3 14.8 22.2

71 30.7 24.9 37.3



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



#8

2-Chlorophenol

Concen: 40.718 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF113766.D

Acq: 15 Apr 2019 16:40

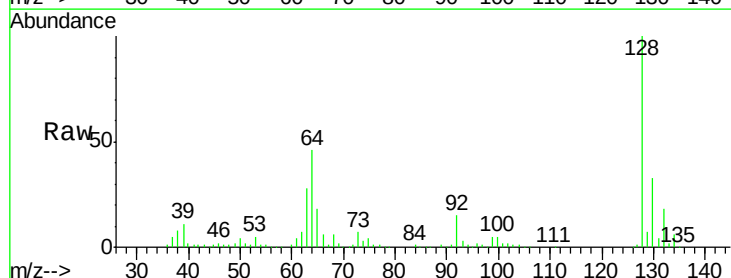
Tgt Ion: 128 Resp: 320242

Ion Ratio Lower Upper

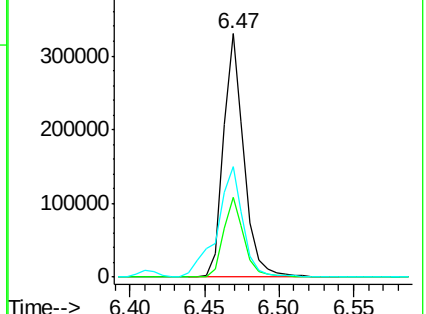
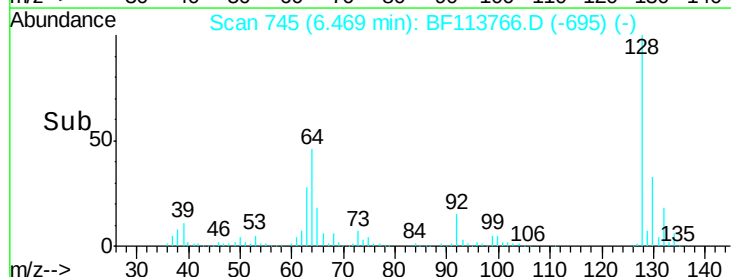
128 100

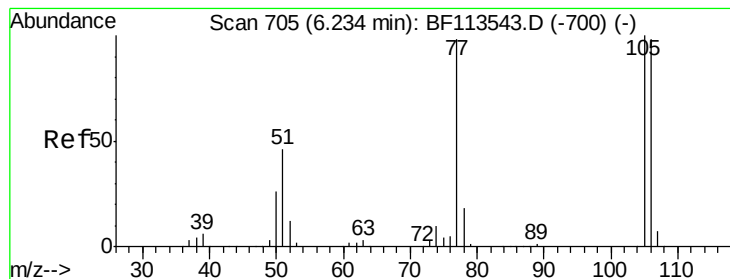
130 32.8 12.6 52.6

64 45.5 29.4 69.4



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





#9

Benzaldehyde

Concen: 21.149 ng

RT: 6.23 min Scan# 705

Delta R.T. 0.00 min

Lab File: BF113766.D

Acq: 15 Apr 2019 16:40

Instrument :

BNA_F

ClientSampled :

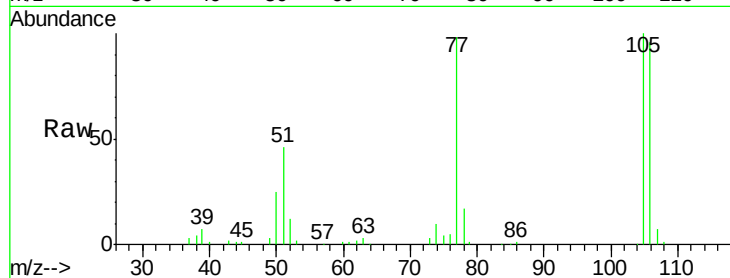
Tot Ion: 77 Resp: 105358

Ion Ratio Lower Upper

77 100

105 102.1 80.9 120.9

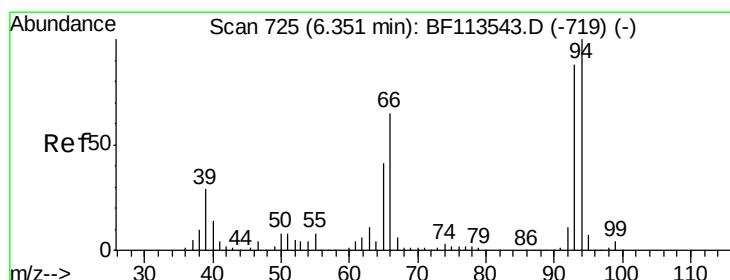
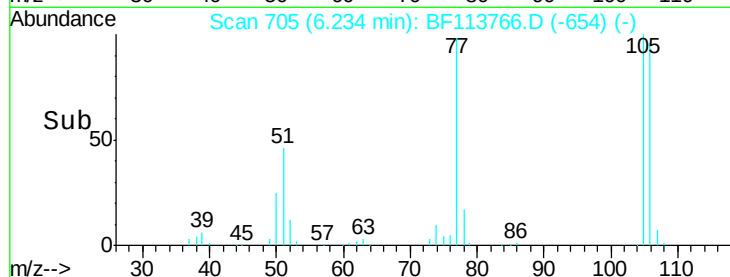
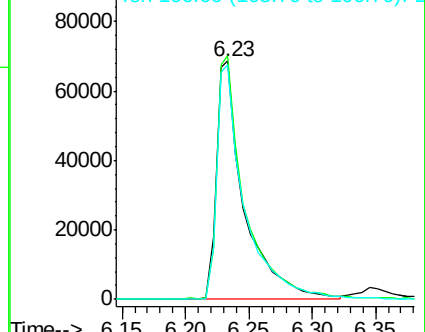
106 98.5 77.8 117.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 32.980 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF113766.D

Acq: 15 Apr 2019 16:40

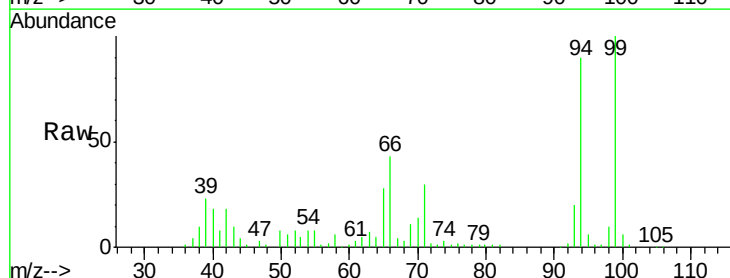
Tgt Ion: 94 Resp: 315585

Ion Ratio Lower Upper

94 100

65 31.5 21.4 61.4

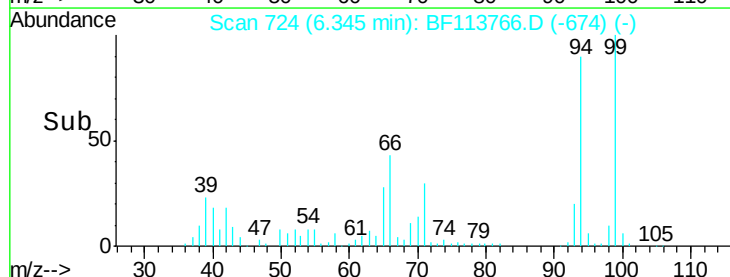
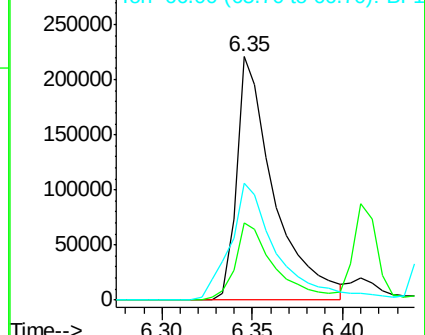
66 48.0 46.4 86.4

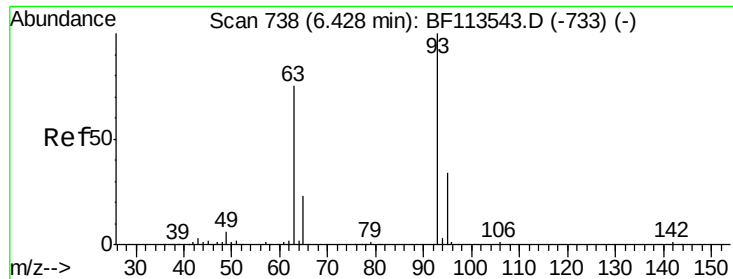


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 43.566 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.02 min

Lab File: BF113766.D

Acq: 15 Apr 2019 16:40

Instrument :

BNA_F

ClientSampled :

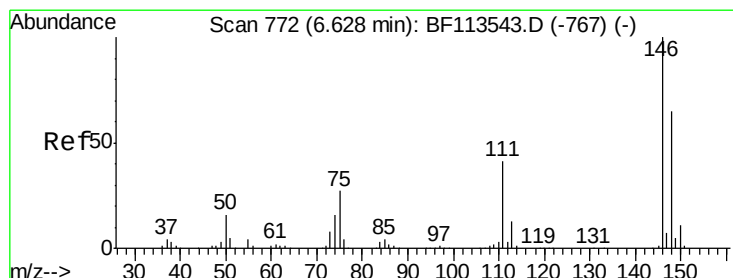
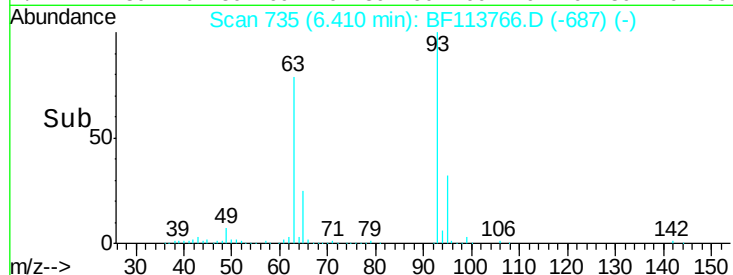
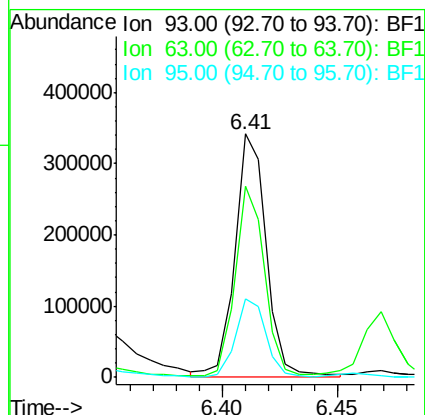
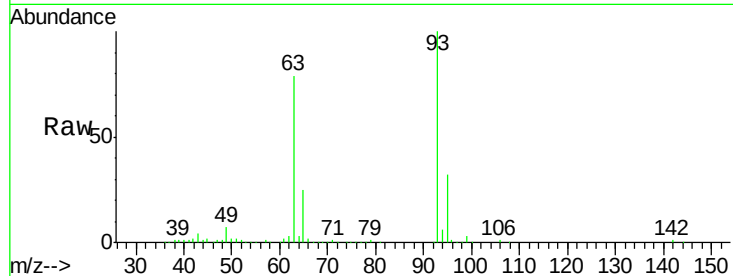
Tot Ion: 93 Resp: 324281

Ion Ratio Lower Upper

93 100

63 78.7 56.1 96.1

95 32.3 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 40.213 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.02 min

Lab File: BF113766.D

Acq: 15 Apr 2019 16:40

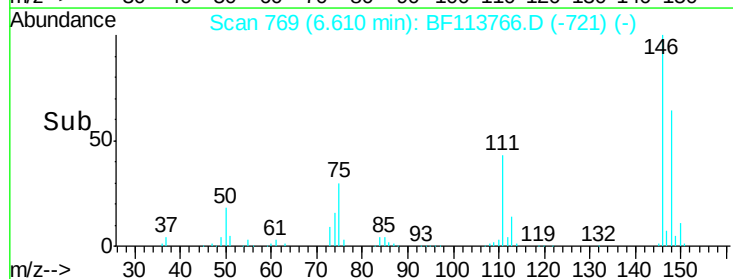
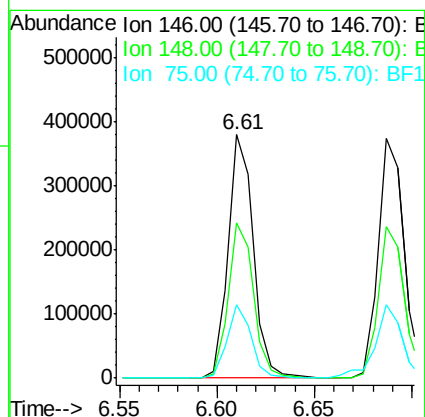
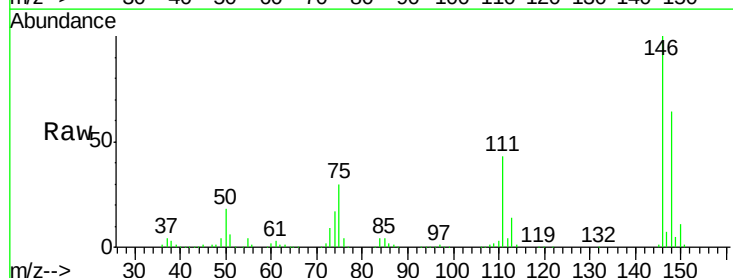
Tgt Ion: 146 Resp: 340602

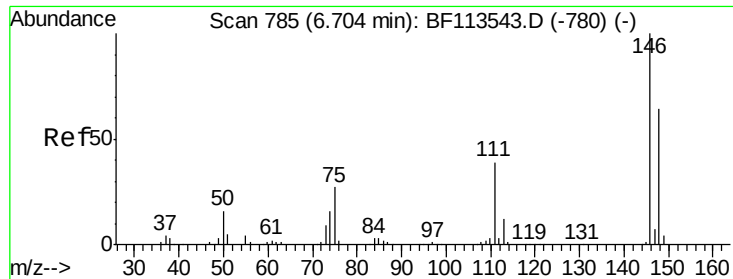
Ion Ratio Lower Upper

146 100

148 63.6 51.4 77.0

75 30.4 24.8 37.2

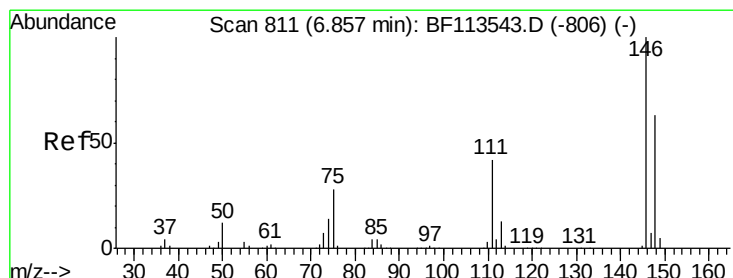
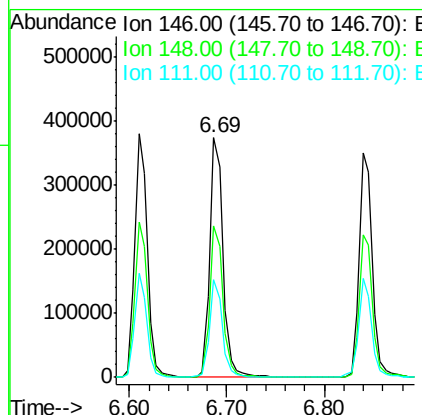
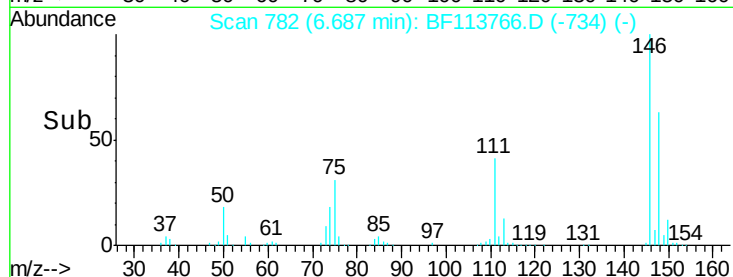
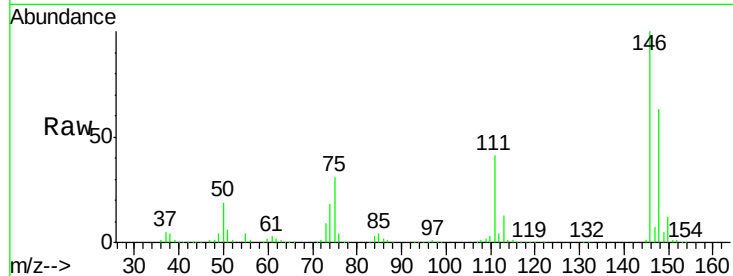




#13
 1,4-Dichlorobenzene
 Concen: 41.388 ng
 RT: 6.69 min Scan# 782
 Delta R.T. -0.02 min
 Lab File: BF113766.D
 Acq: 15 Apr 2019 16:40

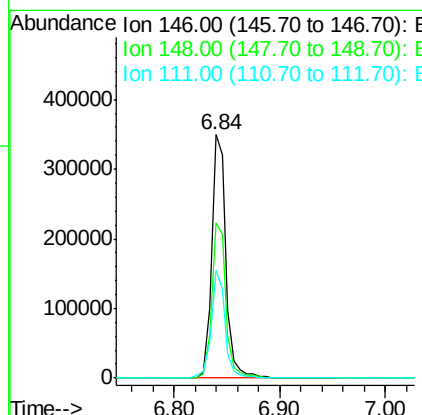
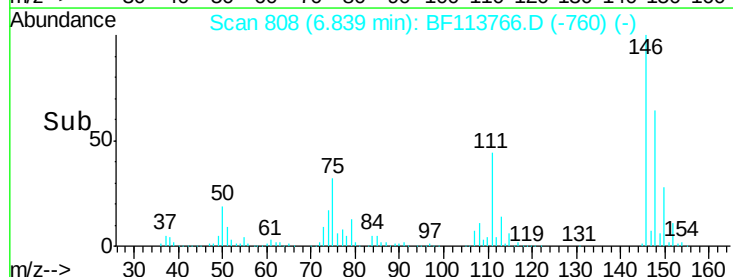
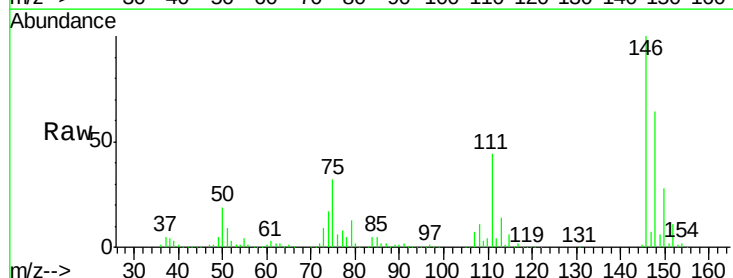
Instrument :
 BNA_F
 ClientSampled :

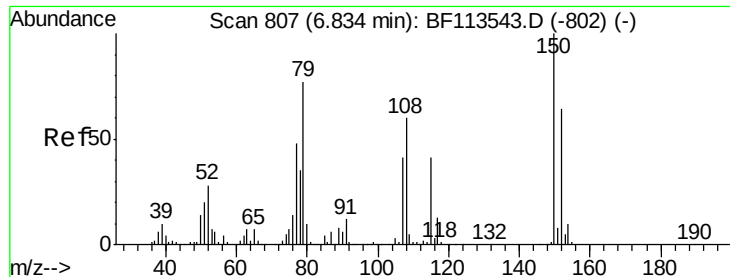
Tot Ion:146 Resp: 354248
 Ion Ratio Lower Upper
 146 100
 148 63.1 51.1 76.7
 111 40.9 32.8 49.2



#14
 1,2-Dichlorobenzene
 Concen: 42.701 ng
 RT: 6.84 min Scan# 808
 Delta R.T. -0.02 min
 Lab File: BF113766.D
 Acq: 15 Apr 2019 16:40

Tgt Ion:146 Resp: 329900
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.2 75.4
 111 44.2 35.4 53.2





#15

Benzyl Alcohol

Concen: 36.362 ng

RT: 6.83 min Scan# 807

Delta R.T. 0.00 min

Lab File: BF113766.D

Acq: 15 Apr 2019 16:40

Instrument :

BNA_F

ClientSampleId :

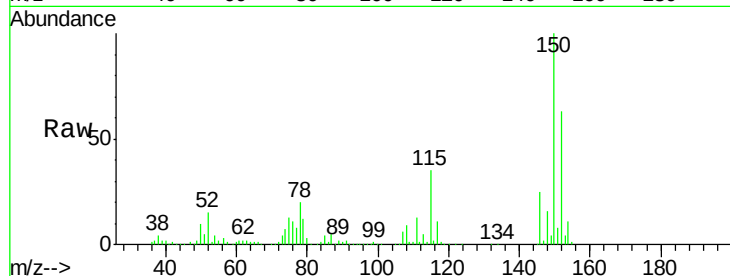
Tot Ion: 79 Resp: 205992

Ion Ratio Lower Upper

79 100

108 73.0 62.0 93.0

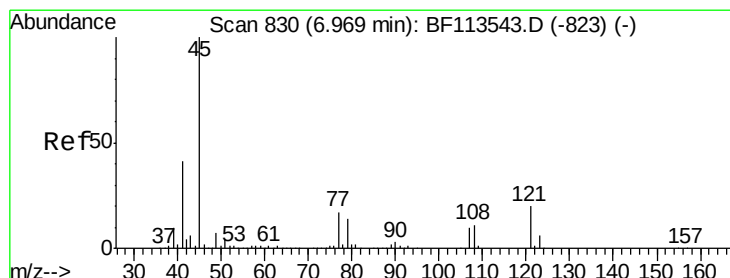
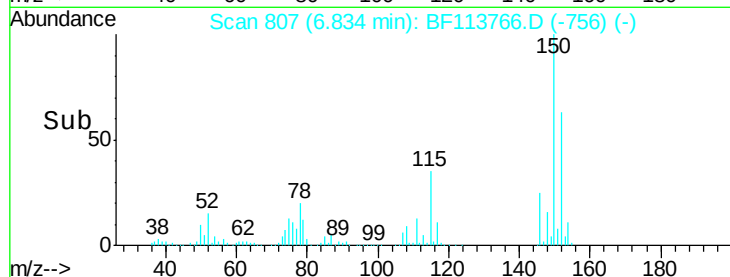
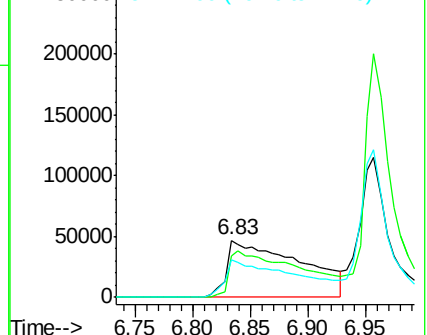
77 66.5 49.9 74.9



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: 41.348 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.02 min

Lab File: BF113766.D

Acq: 15 Apr 2019 16:40

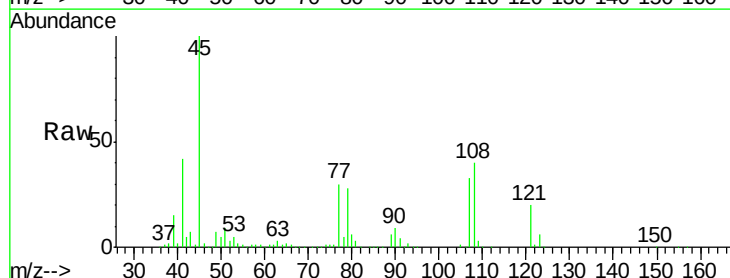
Tgt Ion: 45 Resp: 479067

Ion Ratio Lower Upper

45 100

77 29.7 0.0 36.6

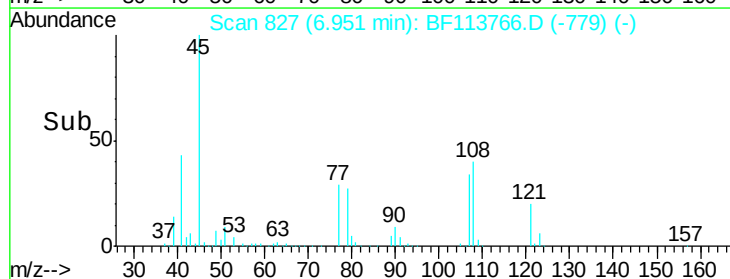
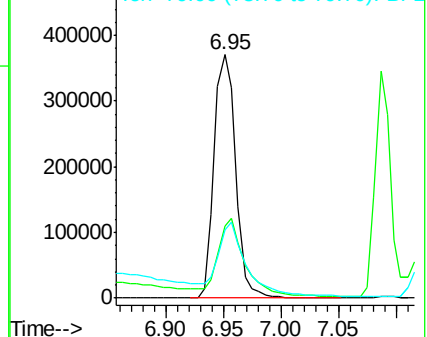
79 28.2 0.0 34.0

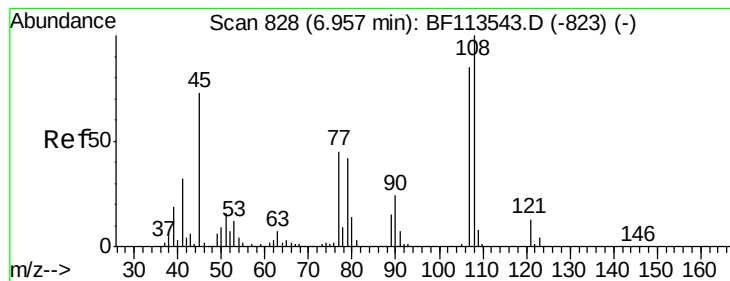


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 45.004 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF113766.D

Acq: 15 Apr 2019 16:40

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 274301

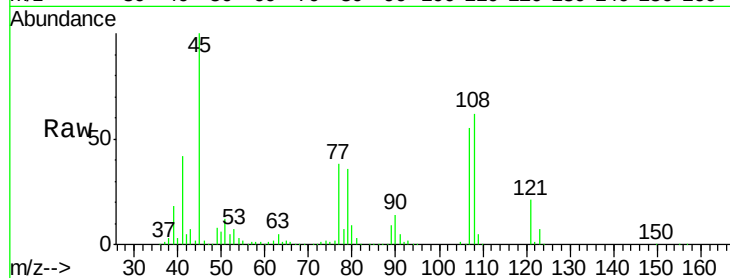
Ion Ratio Lower Upper

107 100

108 114.0 93.4 140.0

77 69.0 41.2 61.8#

79 65.8 40.1 60.1#

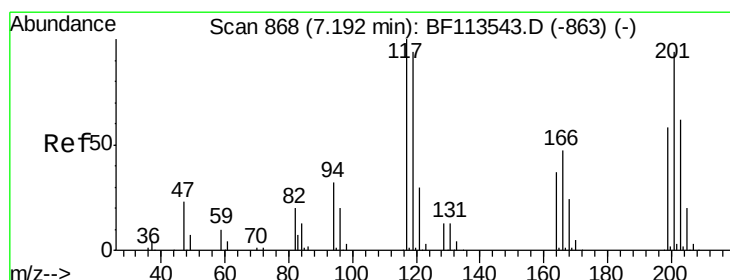
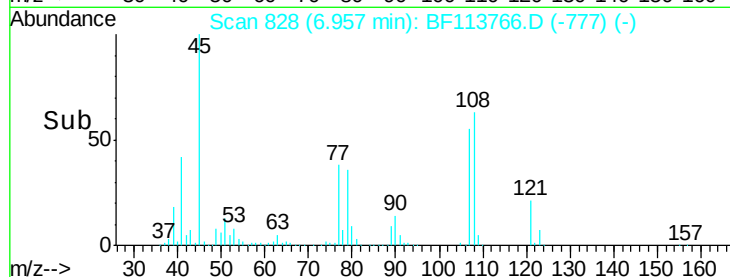
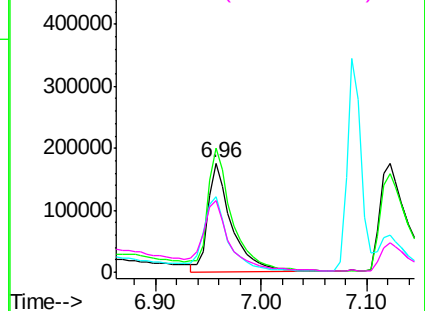


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 38.776 ng

RT: 7.17 min Scan# 865

Delta R.T. -0.02 min

Lab File: BF113766.D

Acq: 15 Apr 2019 16:40

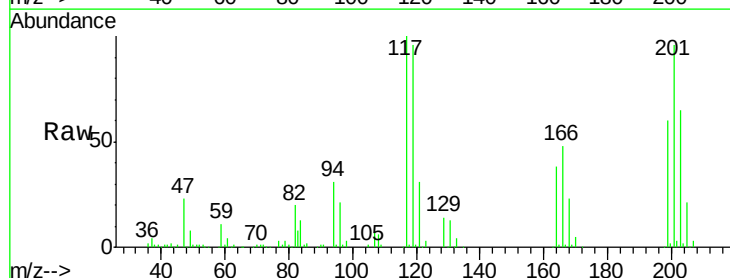
Tgt Ion:117 Resp: 120802

Ion Ratio Lower Upper

117 100

119 95.7 76.9 115.3

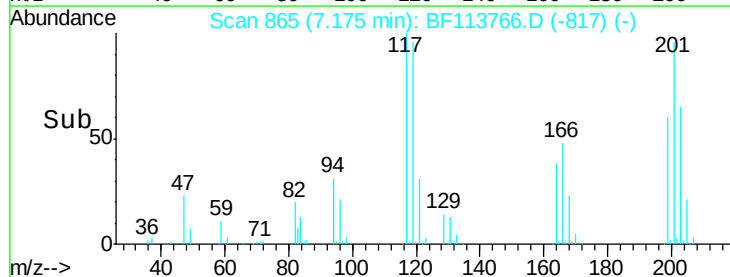
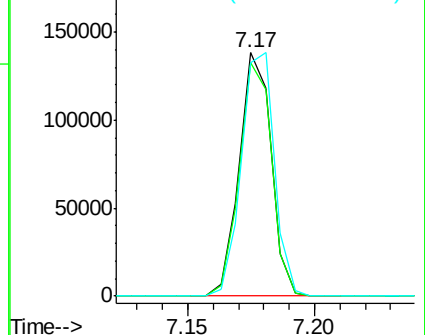
201 95.7 78.7 118.1

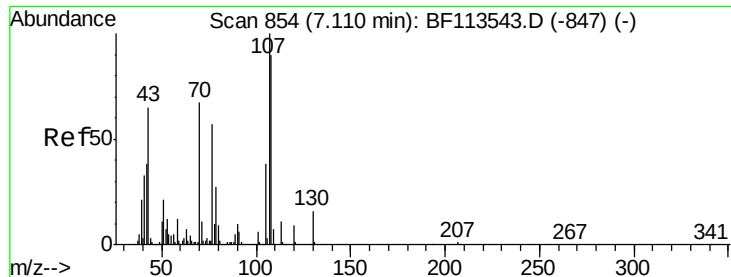


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

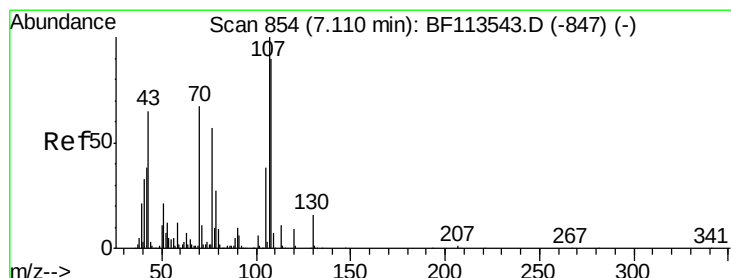
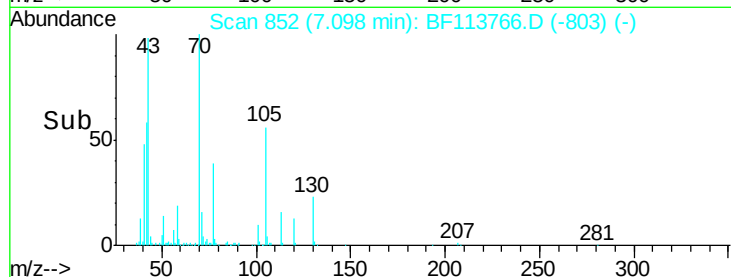
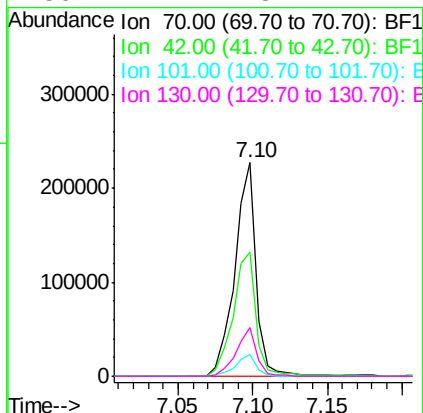
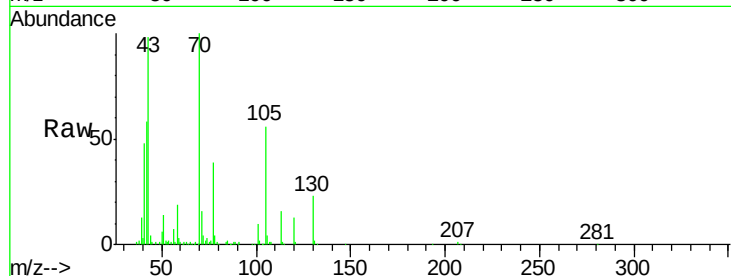




#19
n-Nitroso-di-n-propylamine
Concen: 43.817 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF113766.D
Acq: 15 Apr 2019 16:40

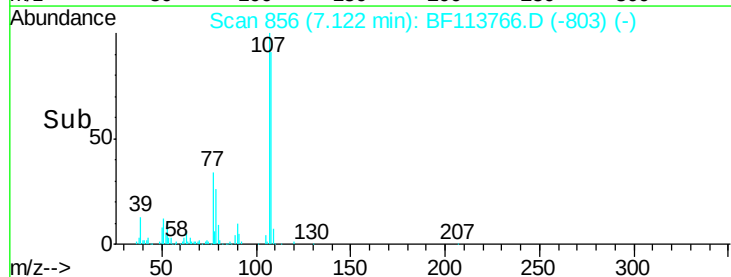
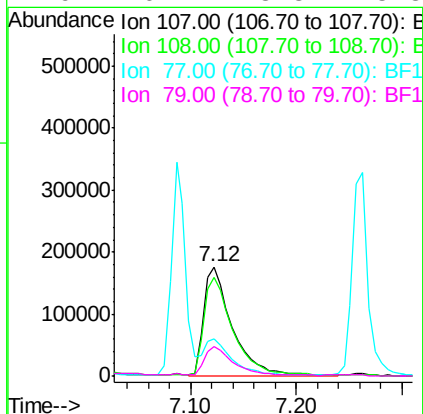
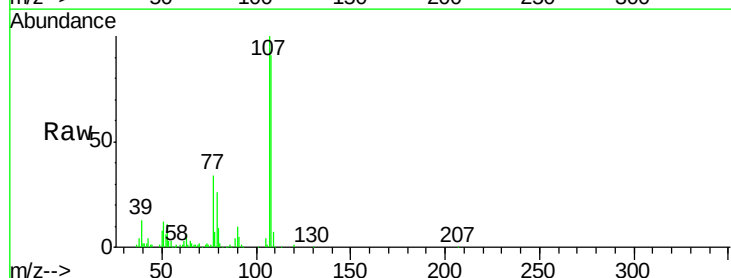
Instrument :
BNA_F
ClientSampleId :

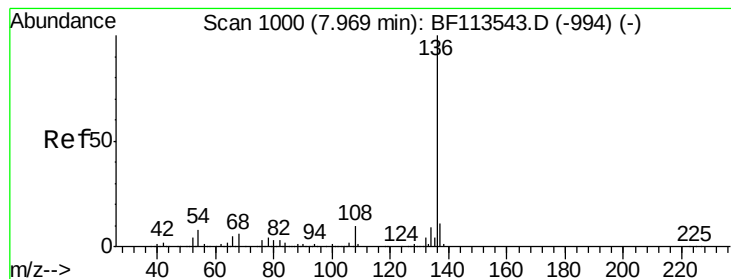
Tot Ion:	70	Resp:	226376
Ion	Ratio	Lower	Upper
70	100		
42	58.1	48.4	72.6
101	10.2	7.8	11.8
130	22.7	18.2	27.4



#20
3+4-Methylphenols
Concen: 44.836 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.01 min
Lab File: BF113766.D
Acq: 15 Apr 2019 16:40

Tgt Ion:	107	Resp:	331123
Ion	Ratio	Lower	Upper
107	100		
108	90.6	71.4	111.4
77	33.9	33.5	73.5
79	26.4	8.3	48.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.02 min

Lab File: BF113766.D

Acq: 15 Apr 2019 16:40

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 430211

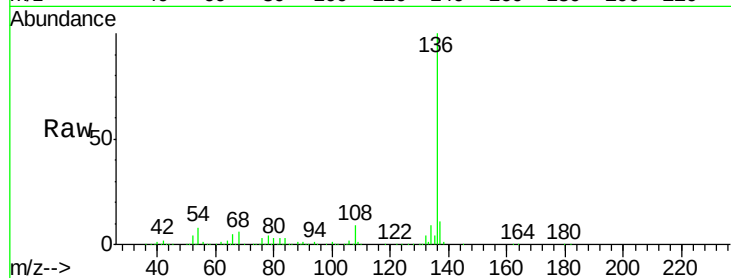
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 8.2 7.0 10.6

68 6.0 4.8 7.2

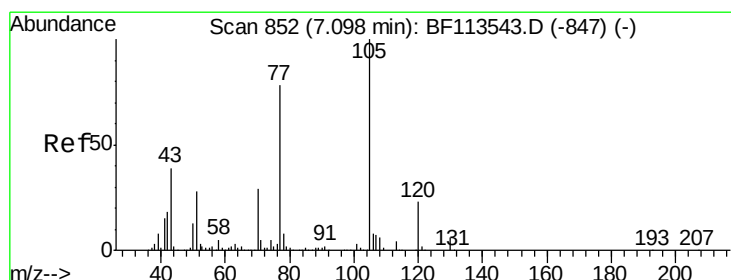
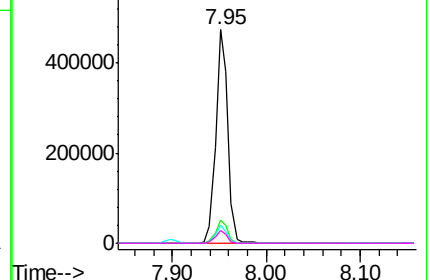
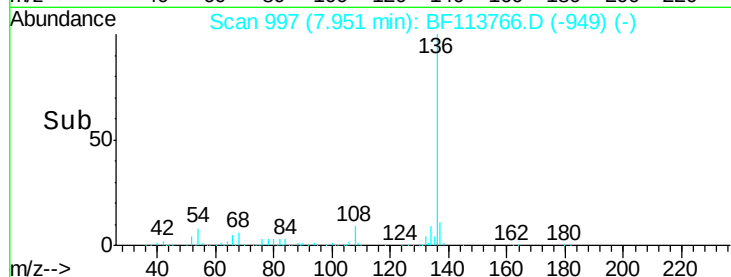


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 47.389 ng

RT: 7.09 min Scan# 850

Delta R.T. -0.01 min

Lab File: BF113766.D

Acq: 15 Apr 2019 16:40

Tgt Ion:105 Resp: 447770

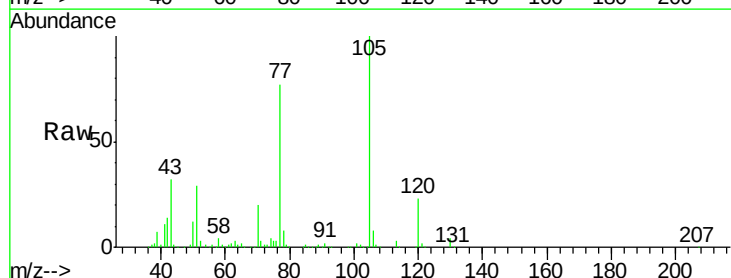
Ion Ratio Lower Upper

105 100

71 3.3 3.3 4.9

51 28.9 24.2 36.2

120 23.2 18.1 27.1

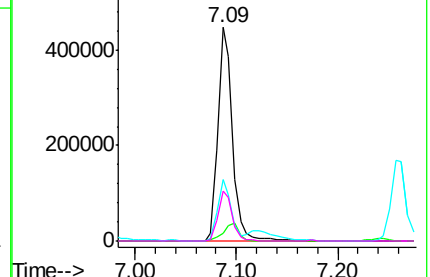
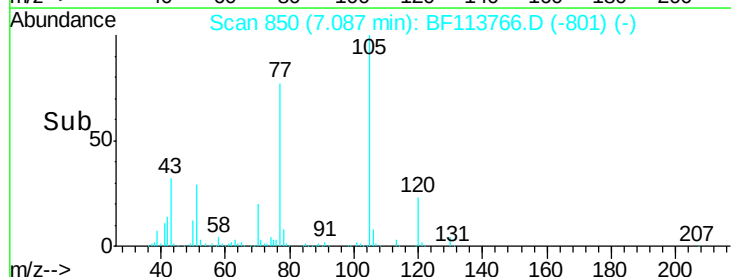


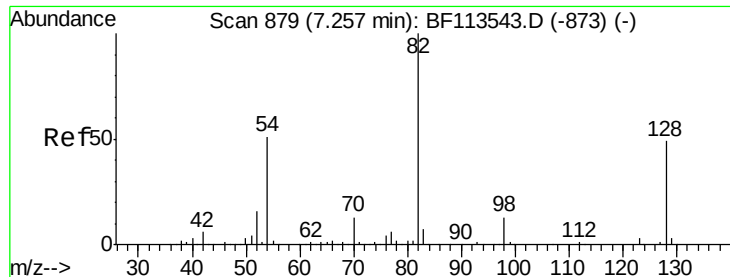
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

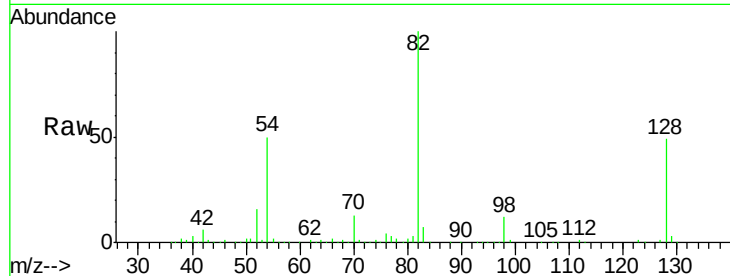




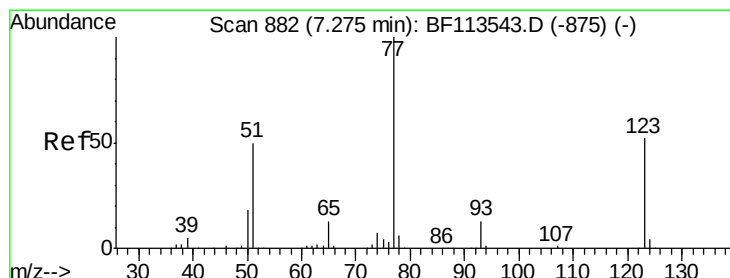
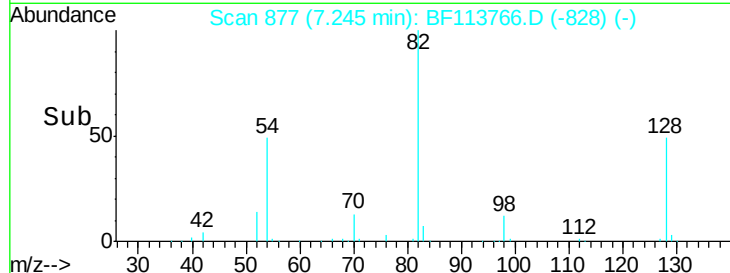
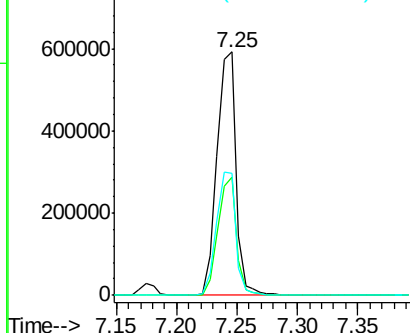
#23
 Nitrobenzene-d5
 Concen: 87.523 ng
 RT: 7.25 min Scan# 877
 Delta R.T. -0.01 min
 Lab File: BF113766.D
 Acq: 15 Apr 2019 16:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 642821
 Ion Ratio Lower Upper
 82 100
 128 48.5 36.5 54.7
 54 50.4 42.2 63.2

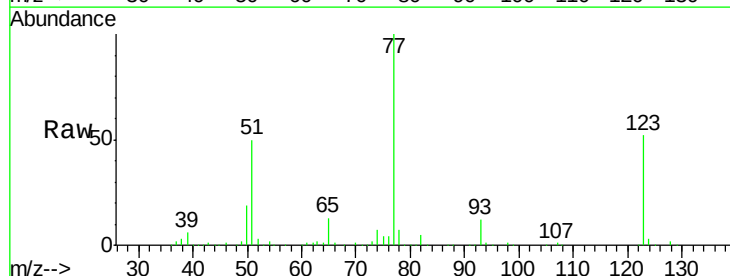


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

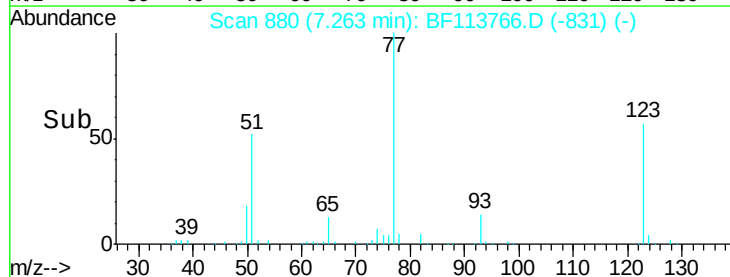
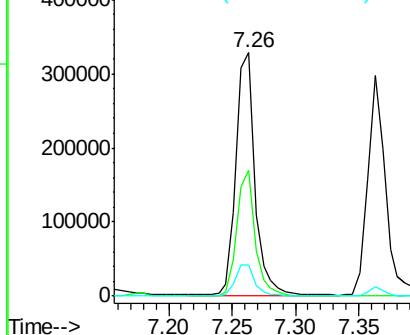


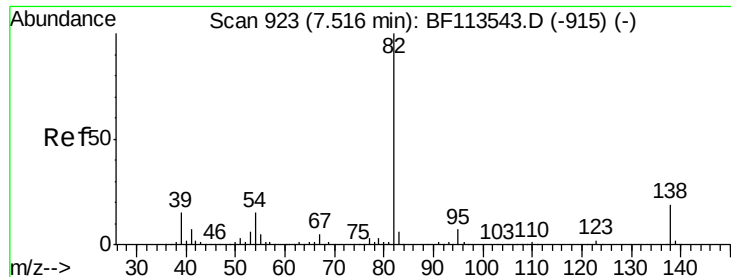
#24
 Nitrobenzene
 Concen: 44.565 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF113766.D
 Acq: 15 Apr 2019 16:40

Tgt Ion: 77 Resp: 337078
 Ion Ratio Lower Upper
 77 100
 123 51.6 40.8 61.2
 65 12.9 10.6 16.0



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 43.602 ng

RT: 7.50 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF113766.D

Acq: 15 Apr 2019 16:40

Instrument :

BNA_F

ClientSampleId :

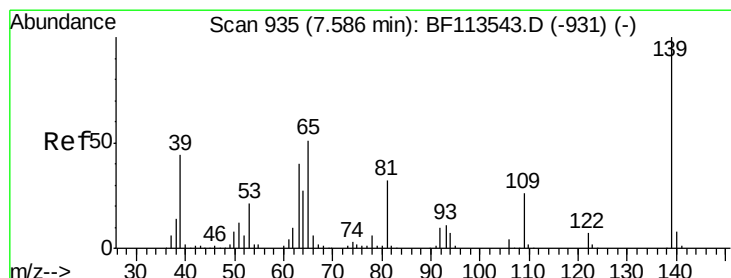
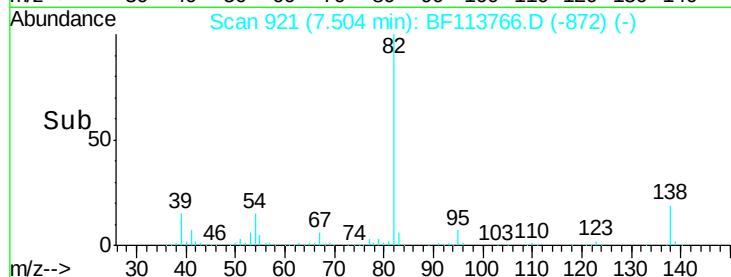
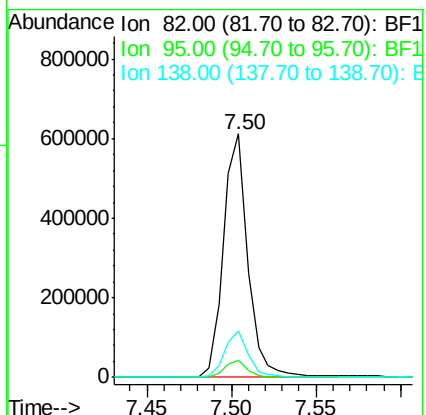
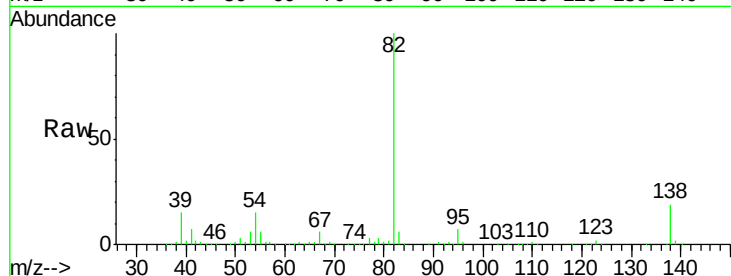
Tot Ion: 82 Resp: 616900

Ion Ratio Lower Upper

82 100

95 7.0 5.5 8.3

138 19.1 15.2 22.8



#26

2-Nitrophenol

Concen: 43.747 ng

RT: 7.58 min Scan# 934

Delta R.T. -0.01 min

Lab File: BF113766.D

Acq: 15 Apr 2019 16:40

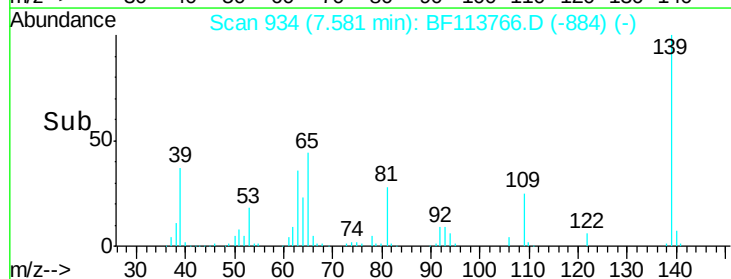
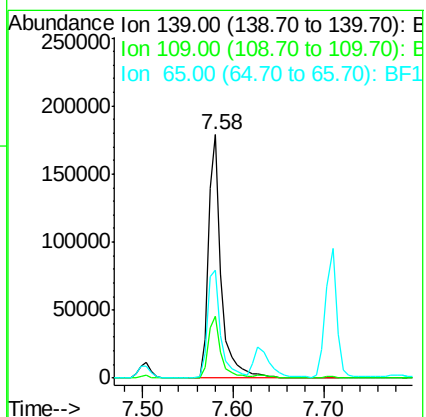
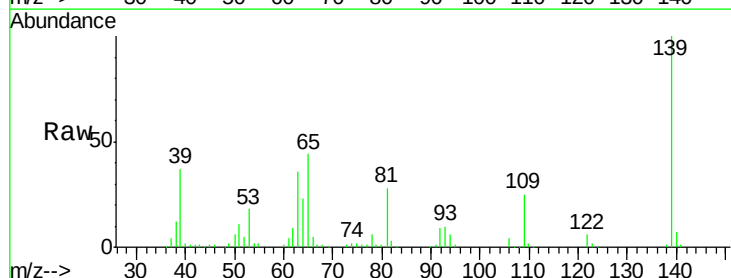
Tgt Ion: 139 Resp: 178087

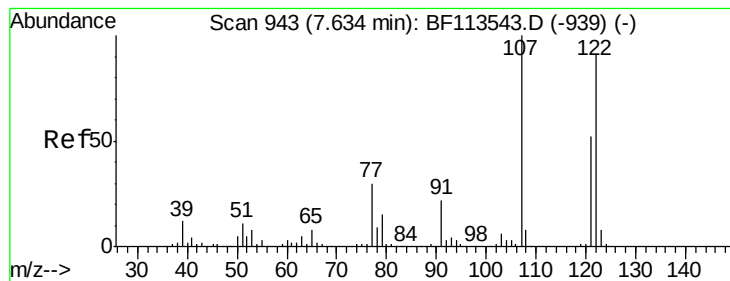
Ion Ratio Lower Upper

139 100

109 25.2 21.7 32.5

65 44.4 41.6 62.4





#27

2,4-Dimethylphenol

Concen: 50.705 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF113766.D

Acq: 15 Apr 2019 16:40

Instrument :

BNA_F

ClientSampleId :

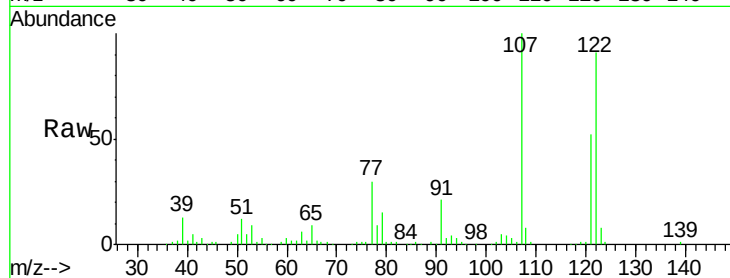
Tot Ion:122 Resp: 295085

Ion Ratio Lower Upper

122 100

107 110.4 88.8 133.2

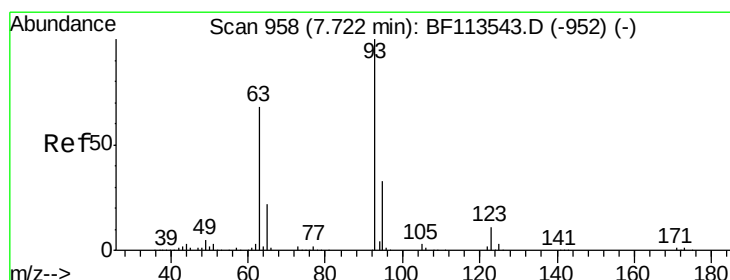
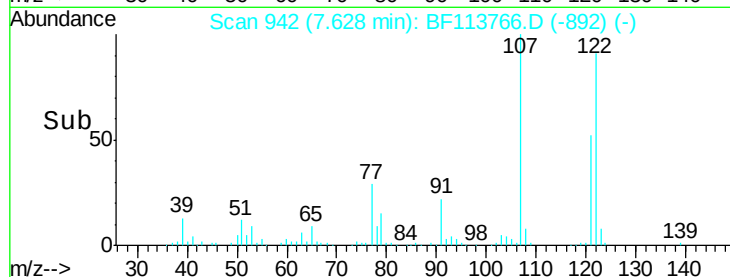
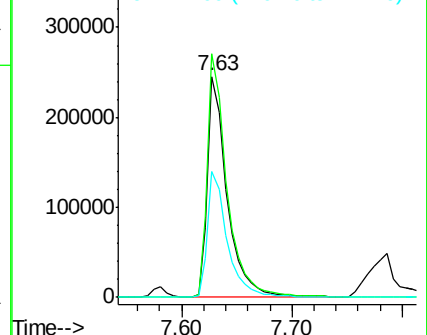
121 56.9 45.5 68.3



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: 43.952 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF113766.D

Acq: 15 Apr 2019 16:40

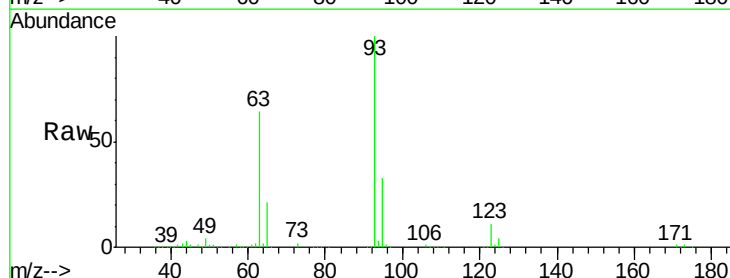
Tgt Ion: 93 Resp: 393151

Ion Ratio Lower Upper

93 100

95 32.8 26.0 39.0

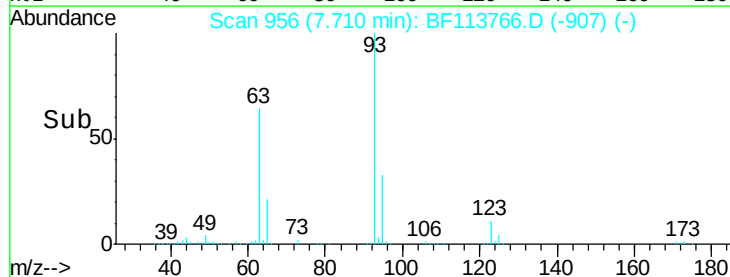
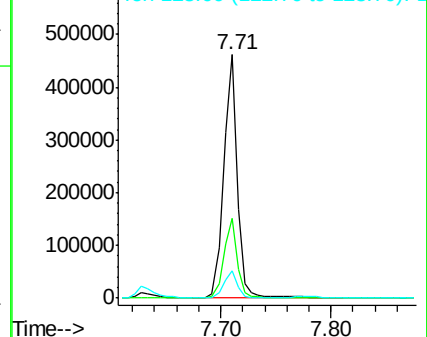
123 11.3 9.1 13.7

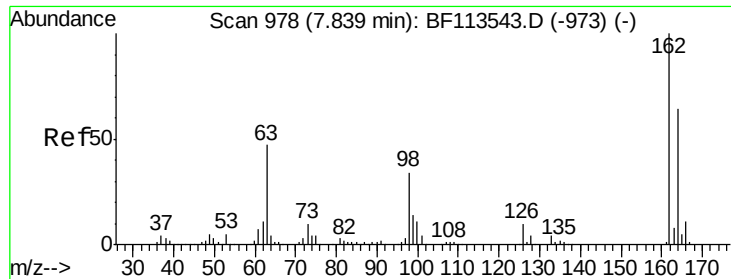


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

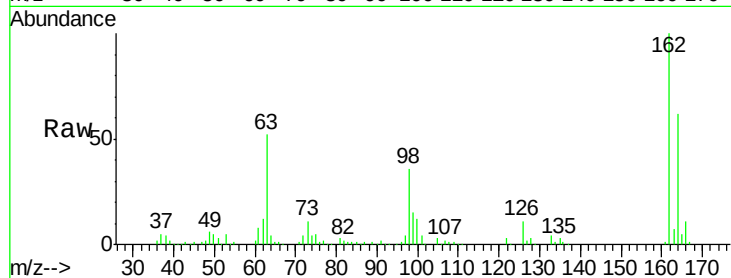




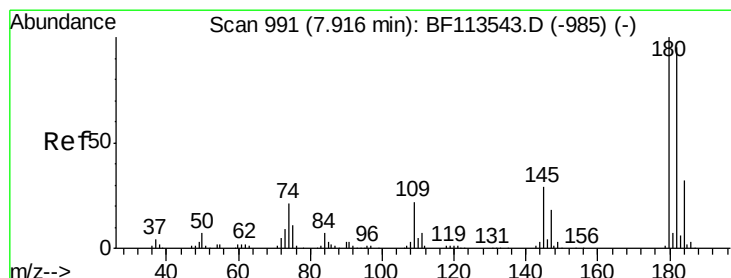
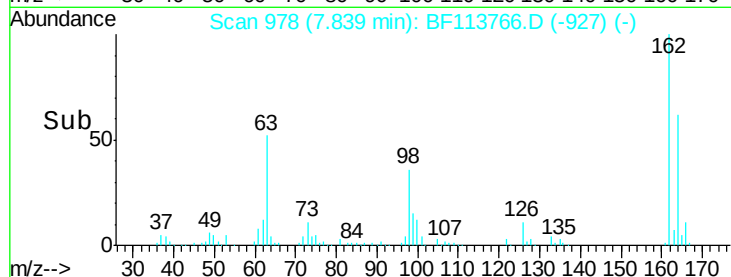
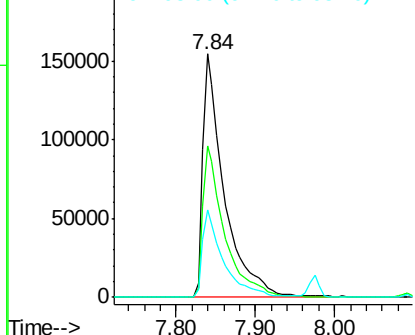
#29
2,4-Dichlorophenol
Concen: 46.842 ng
RT: 7.84 min Scan# 978
Delta R.T. 0.00 min
Lab File: BF113766.D
Acq: 15 Apr 2019 16:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.4	44.6	84.6
98	35.7	15.6	55.6

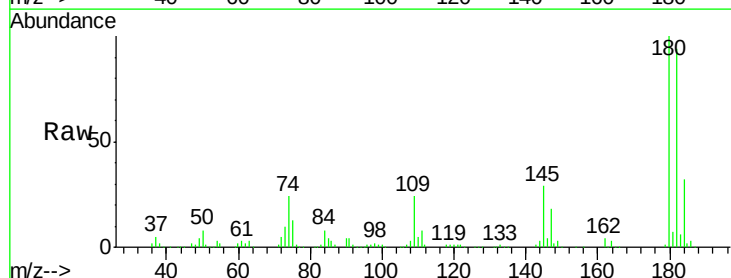


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

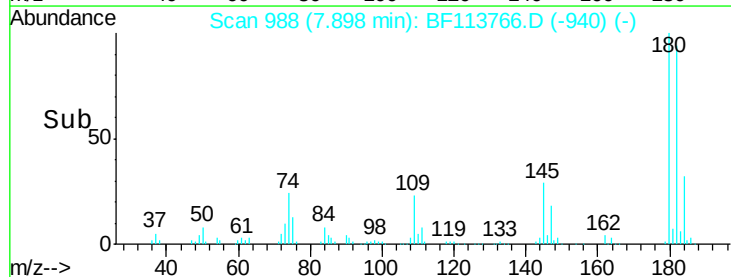
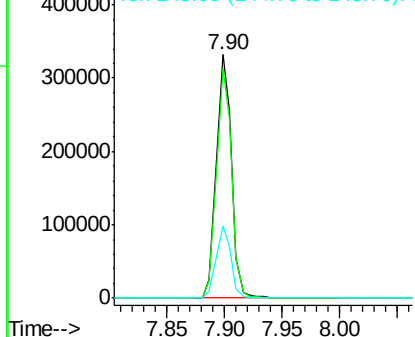


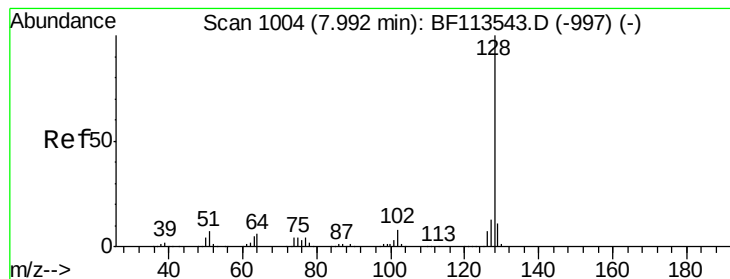
#30
1,2,4-Trichlorobenzene
Concen: 44.614 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.02 min
Lab File: BF113766.D
Acq: 15 Apr 2019 16:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	74.6	111.8
145	29.5	23.4	35.0



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





#31

Naphthalene

Concen: 45.957 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.02 min

Lab File: BF113766.D

Acq: 15 Apr 2019 16:40

Instrument :

BNA_F

ClientSampled :

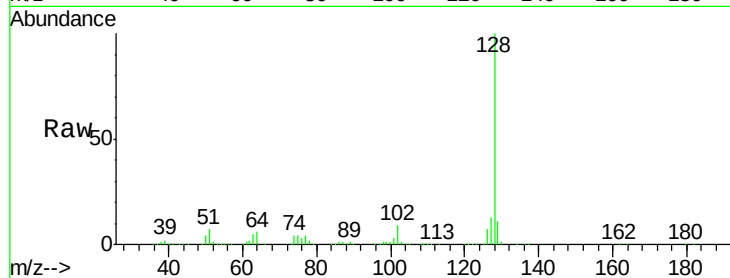
Tot Ion:128 Resp: 957959

Ion Ratio Lower Upper

128 100

129 11.2 9.3 13.9

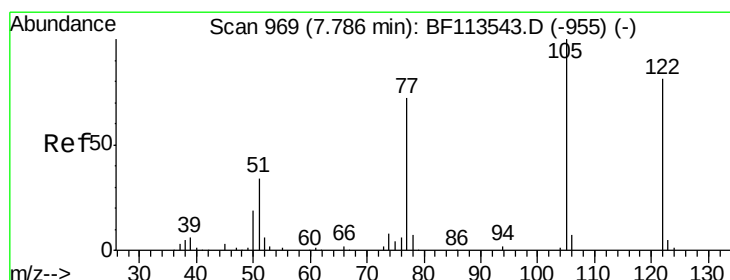
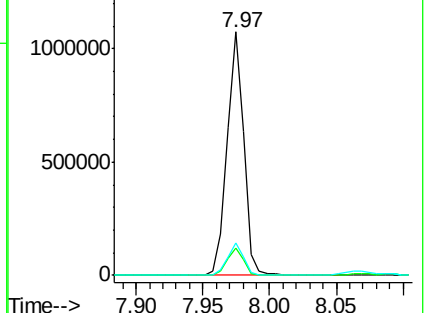
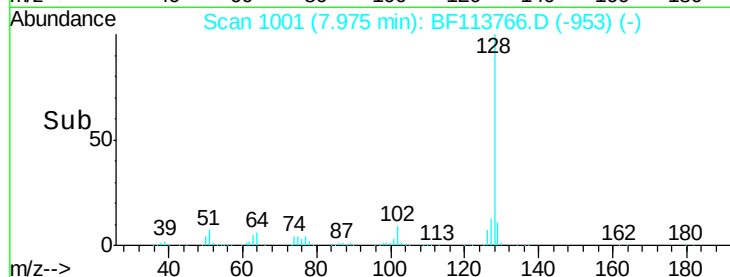
127 13.3 10.9 16.3



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: 19.836 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.00 min

Lab File: BF113766.D

Acq: 15 Apr 2019 16:40

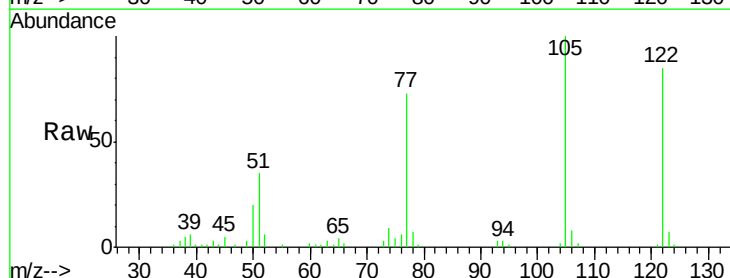
Tgt Ion:122 Resp: 89388

Ion Ratio Lower Upper

122 100

105 117.5 100.4 140.4

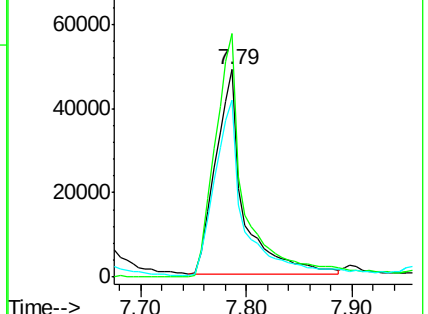
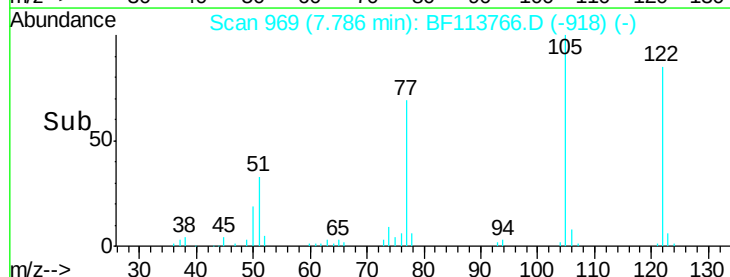
77 85.7 69.0 109.0

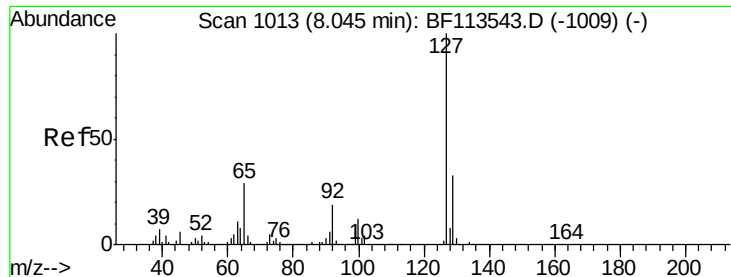


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

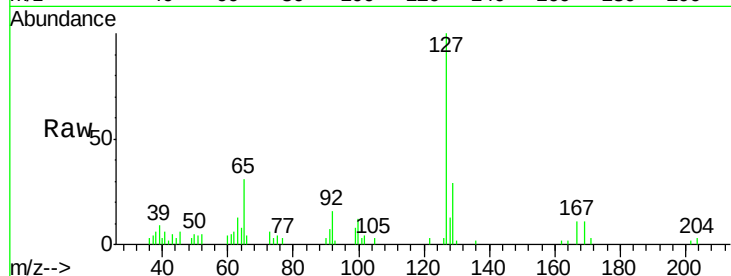




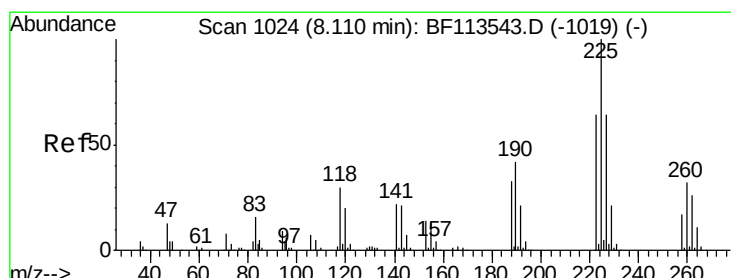
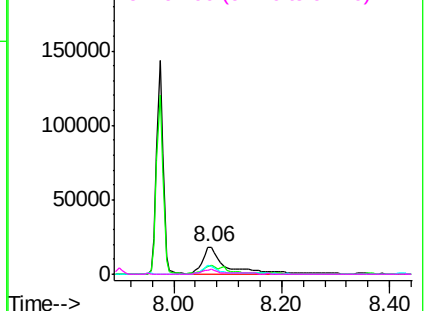
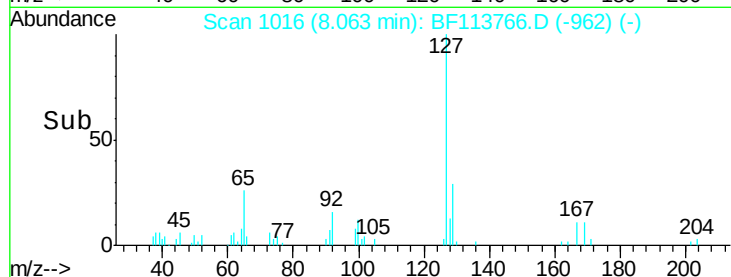
#33
4-Chloroaniline
Concen: 6.340 ng
RT: 8.06 min Scan# 1016
Delta R.T. 0.02 min
Lab File: BF113766.D
Acq: 15 Apr 2019 16:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	52404
Ion	Ratio	Lower	Upper
127	100		
129	28.9	26.3	39.5
65	30.6	24.2	36.4
92	16.4	15.0	22.6

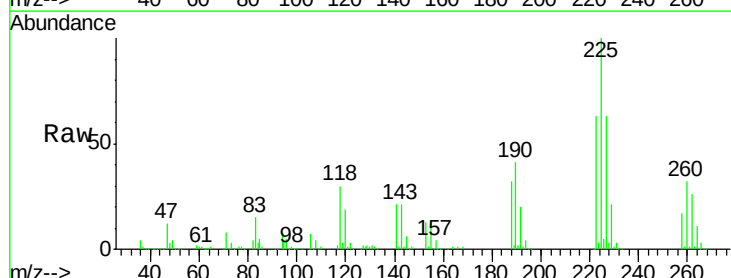


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

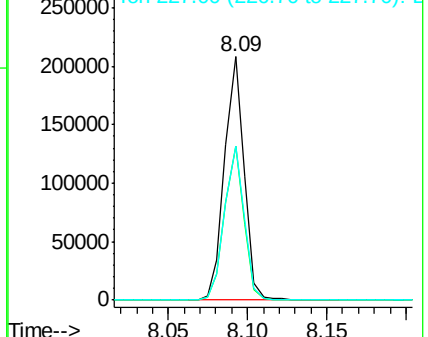
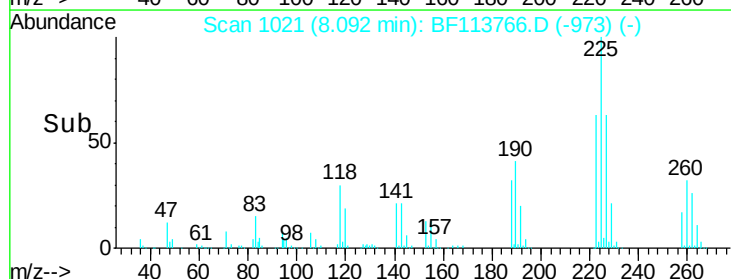


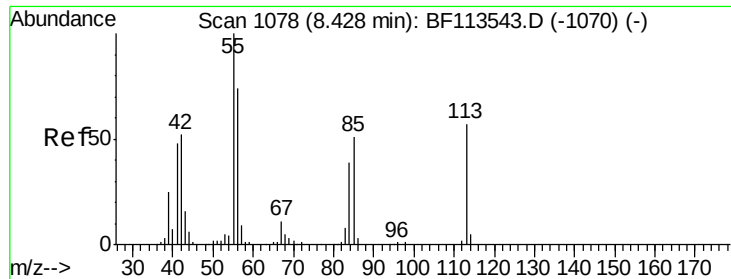
#34
Hexachlorobutadiene
Concen: 43.340 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.02 min
Lab File: BF113766.D
Acq: 15 Apr 2019 16:40

Tgt Ion:	225	Resp:	178672
Ion	Ratio	Lower	Upper
225	100		
223	63.0	51.4	77.2
227	63.2	51.1	76.7



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

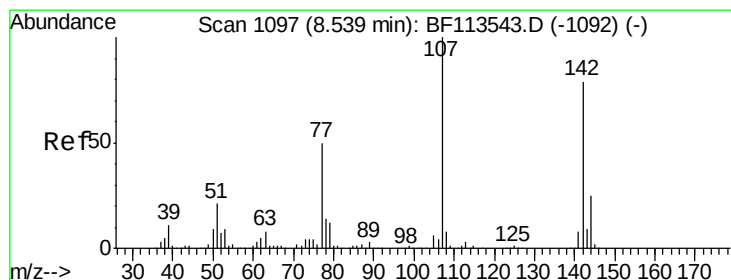
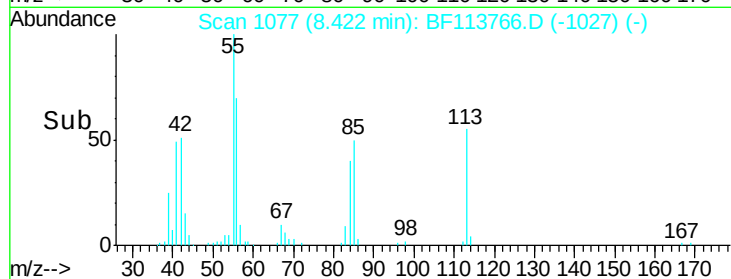
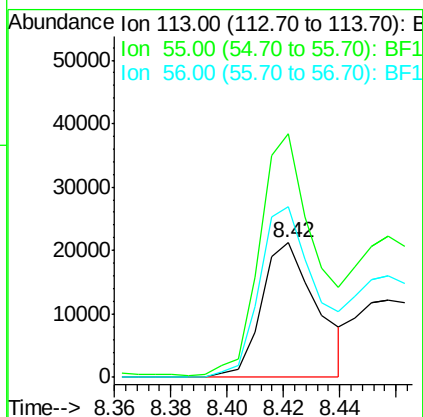
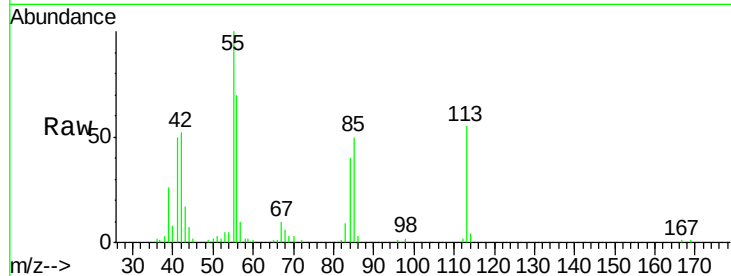




#35
 Caprolactam
 Concen: 14.655 ng
 RT: 8.42 min Scan# 1077
 Delta R.T. -0.01 min
 Lab File: BF113766.D
 Acq: 15 Apr 2019 16:40

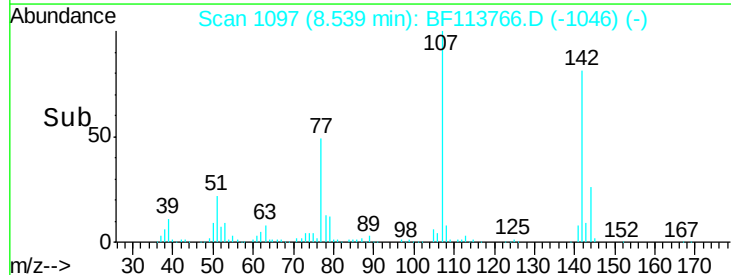
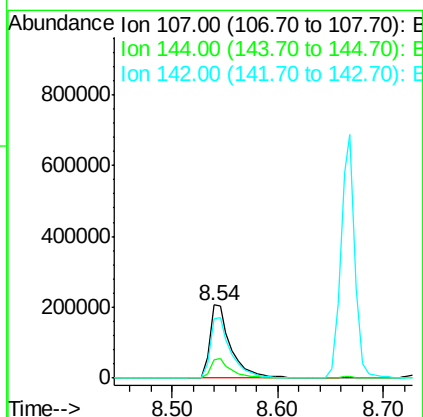
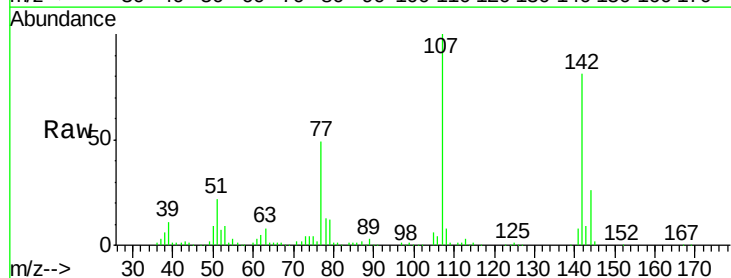
Instrument :
 BNA_F
 ClientSampleId :

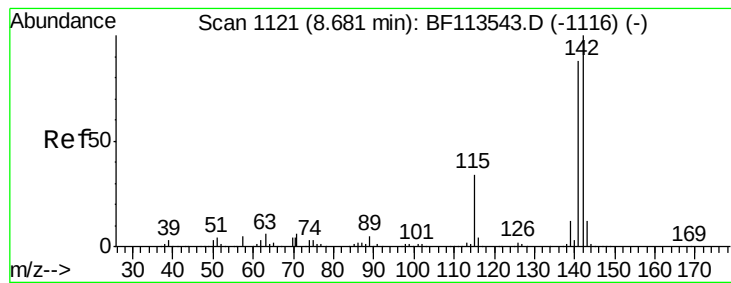
Tot Ion:113 Resp: 28966
 Ion Ratio Lower Upper
 113 100
 55 181.2 152.7 192.7
 56 127.4 108.3 148.3



#36
 4-Chloro-3-methylphenol
 Concen: 45.677 ng
 RT: 8.54 min Scan# 1097
 Delta R.T. 0.00 min
 Lab File: BF113766.D
 Acq: 15 Apr 2019 16:40

Tgt Ion:107 Resp: 285509
 Ion Ratio Lower Upper
 107 100
 144 25.6 21.4 32.0
 142 81.0 65.6 98.4





#37

2-Methylnaphthalene

Concen: 46.955 ng

RT: 8.67 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BF113766.D

Acq: 15 Apr 2019 16:40

Instrument :

BNA_F

ClientSampleId :

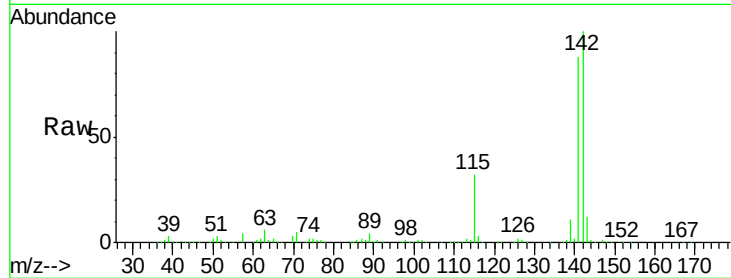
Tot Ion:142 Resp: 643736

Ion Ratio Lower Upper

142 100

141 88.2 71.0 106.6

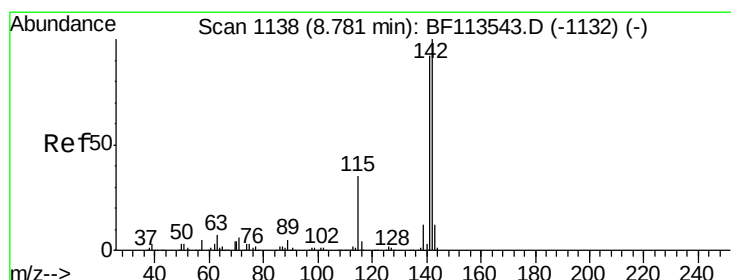
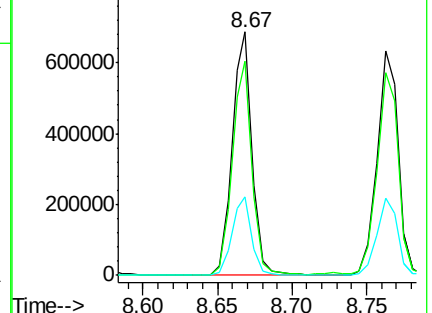
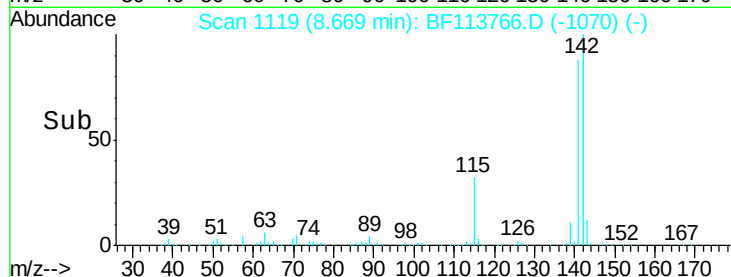
115 32.0 26.6 39.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 46.114 ng

RT: 8.76 min Scan# 1135

Delta R.T. -0.02 min

Lab File: BF113766.D

Acq: 15 Apr 2019 16:40

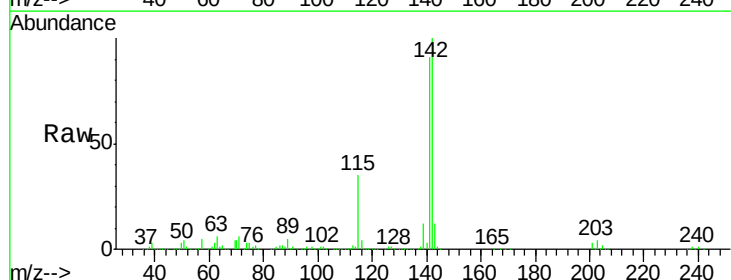
Tgt Ion:142 Resp: 609603

Ion Ratio Lower Upper

142 100

141 90.6 73.2 109.8

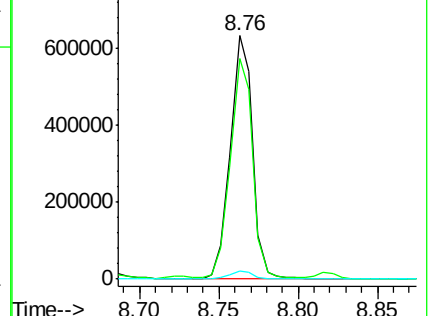
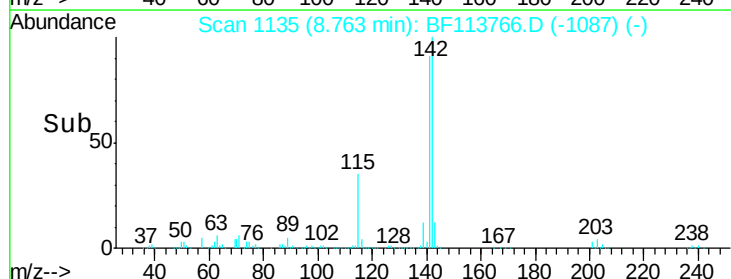
116 3.5 3.0 4.4

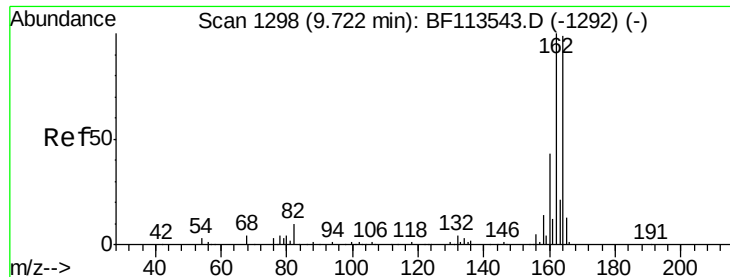


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.02 min

Lab File: BF113766.D

Acq: 15 Apr 2019 16:40

Instrument :

BNA_F

ClientSampleId :

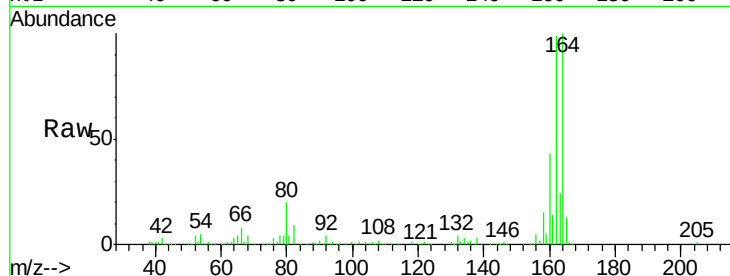
Tot Ion:164 Resp: 211466

Ion Ratio Lower Upper

164 100

162 99.1 81.8 122.6

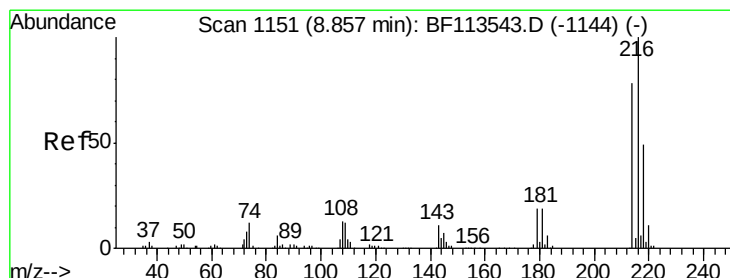
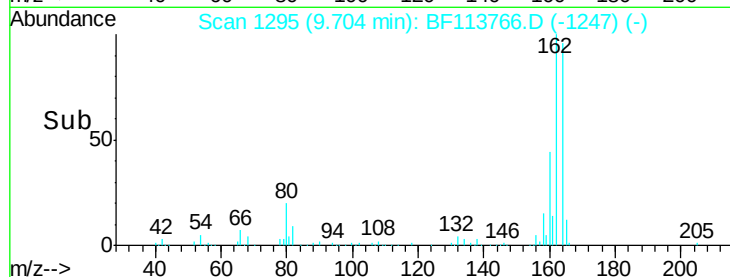
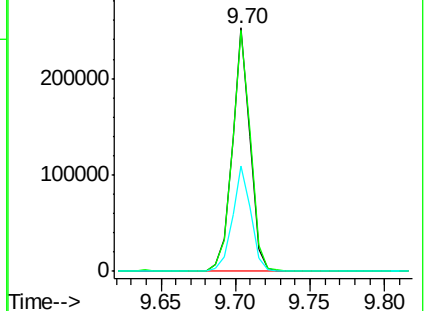
160 43.4 36.4 54.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.159 ng

RT: 8.84 min Scan# 1148

Delta R.T. -0.02 min

Lab File: BF113766.D

Acq: 15 Apr 2019 16:40

Tgt Ion:216 Resp: 308846

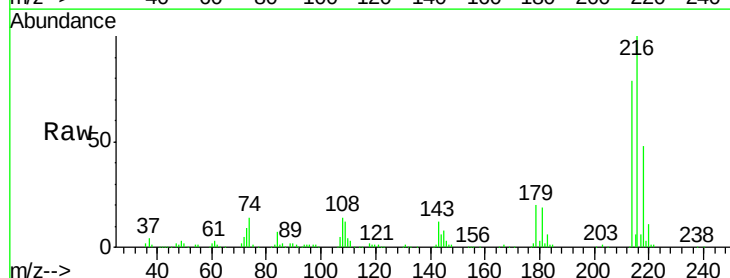
Ion Ratio Lower Upper

216 100

214 79.5 63.0 94.6

179 20.1 16.8 25.2

108 16.7 13.8 20.6

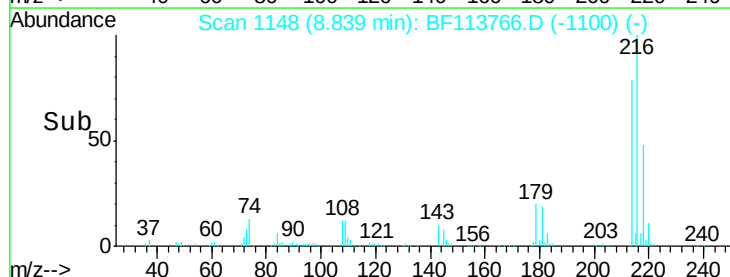
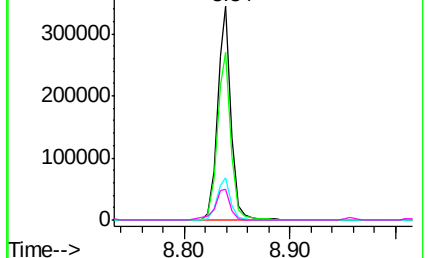


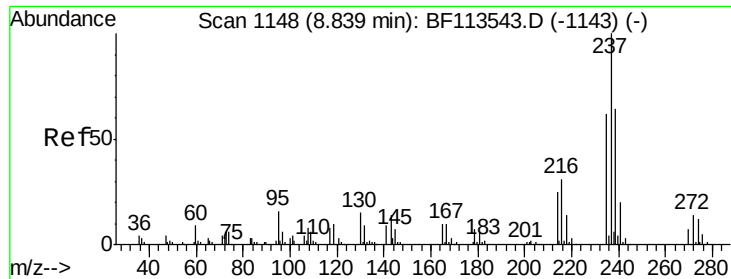
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

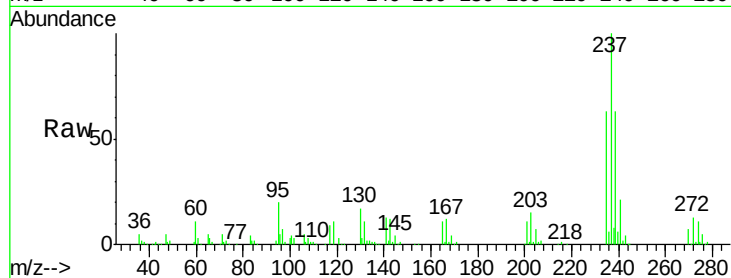




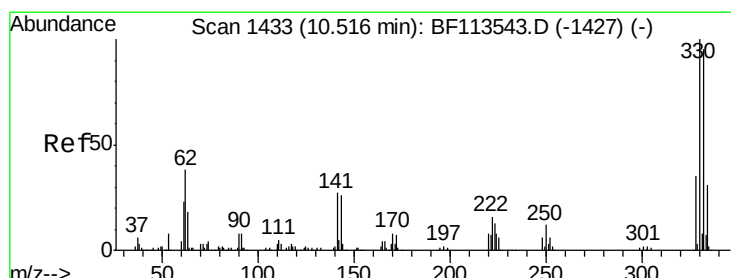
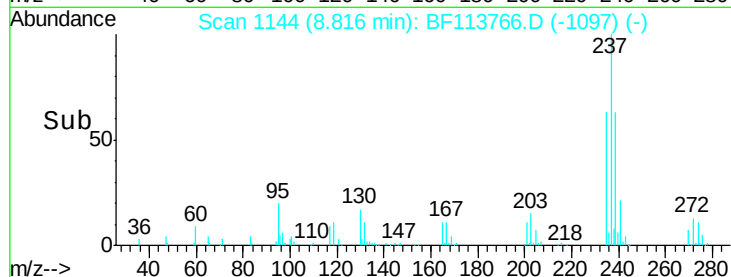
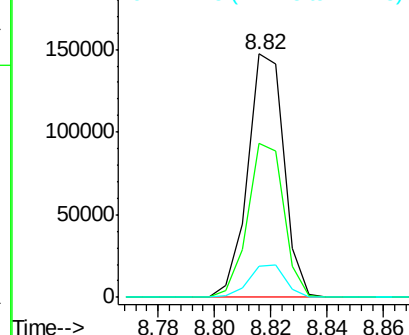
#41
Hexachlorocyclopentadiene
Concen: 59.031 ng
RT: 8.82 min Scan# 1144
Delta R.T. -0.02 min
Lab File: BF113766.D
Acq: 15 Apr 2019 16:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:237 Resp: 131154
Ion Ratio Lower Upper
237 100
235 63.0 43.4 83.4
272 12.5 0.0 33.7

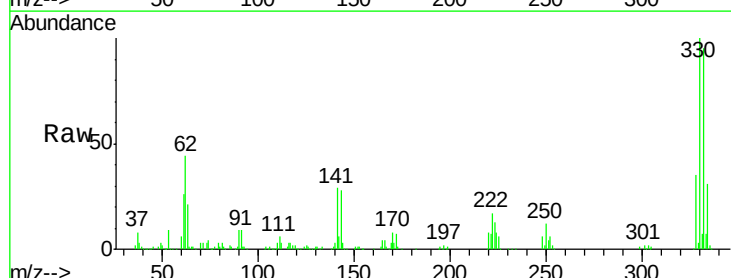


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

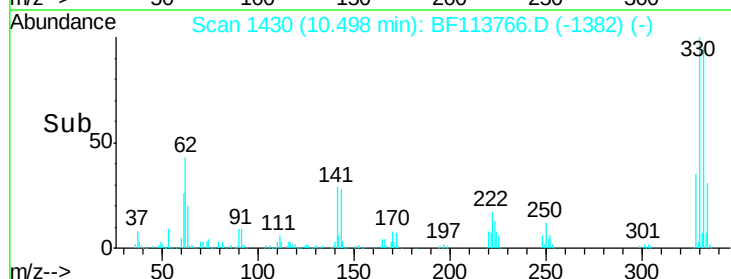
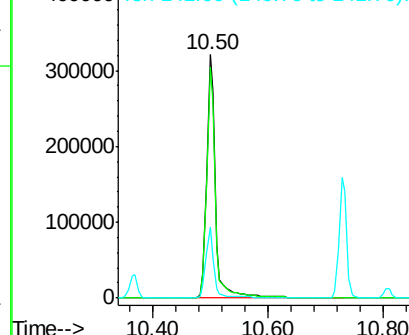


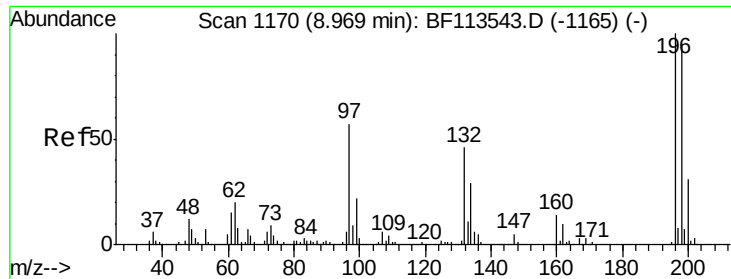
#42
2,4,6-Tribromophenol
Concen: 137.266 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.02 min
Lab File: BF113766.D
Acq: 15 Apr 2019 16:40

Tgt Ion:330 Resp: 348687
Ion Ratio Lower Upper
330 100
332 92.7 77.8 116.6
141 26.2 22.7 34.1



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

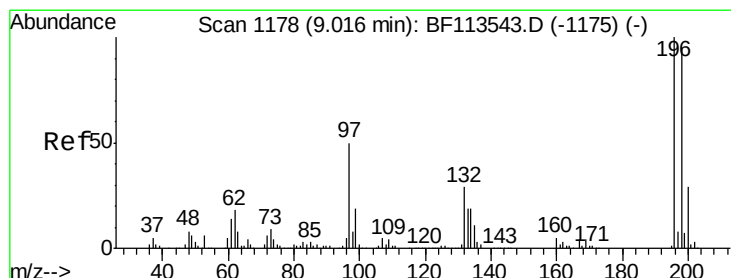
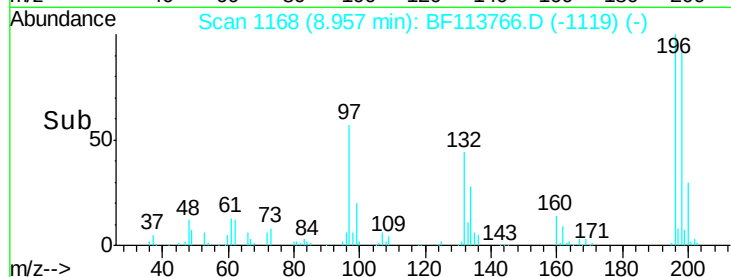
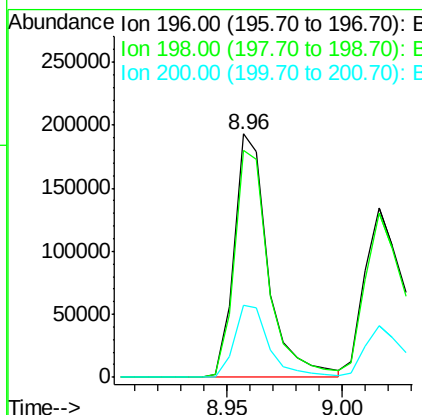
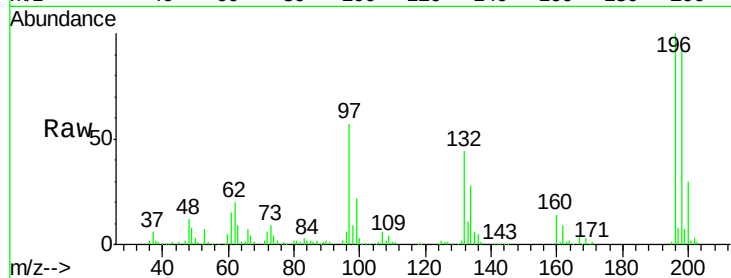




#43
 2,4,6-Trichlorophenol
 Concen: 45.918 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. -0.01 min
 Lab File: BF113766.D
 Acq: 15 Apr 2019 16:40

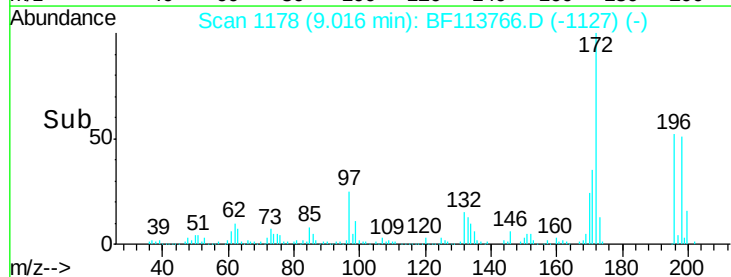
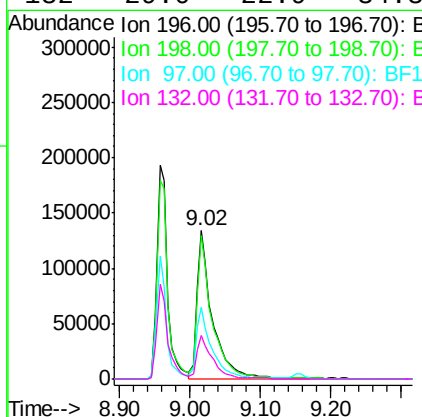
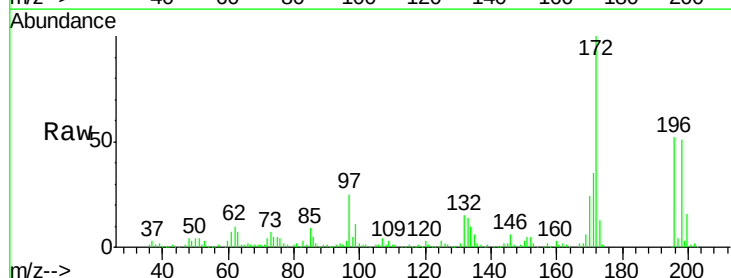
Instrument :
 BNA_F
 ClientSampleId :

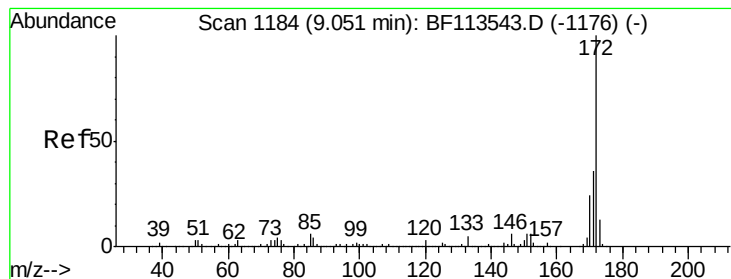
Tot Ion	196	Resp	198226
Ion Ratio	Lower	Upper	
196	100		
198	93.0	77.7	116.5
200	29.6	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 44.790 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BF113766.D
 Acq: 15 Apr 2019 16:40

Tgt Ion	196	Resp	207583
Ion Ratio	Lower	Upper	
196	100		
198	96.8	75.4	113.2
97	48.3	38.6	58.0
132	29.0	22.9	34.3

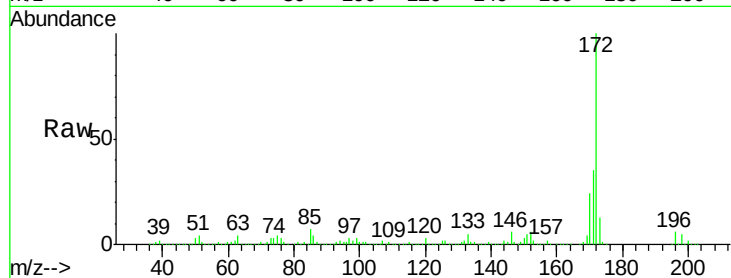




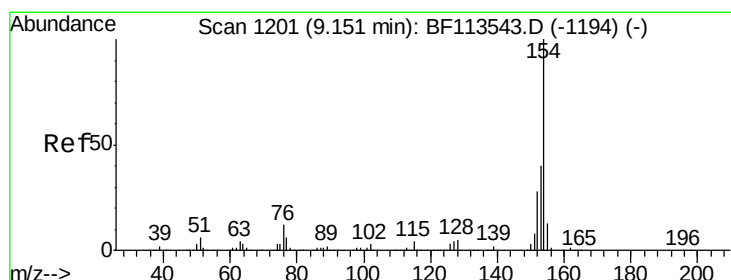
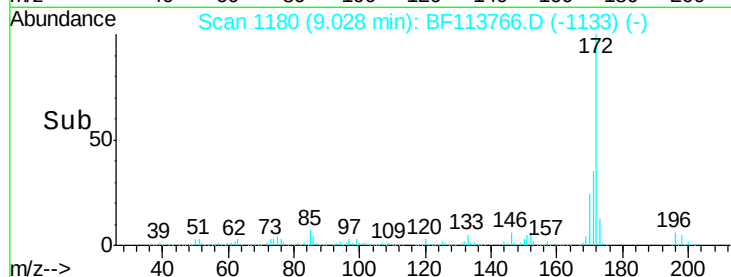
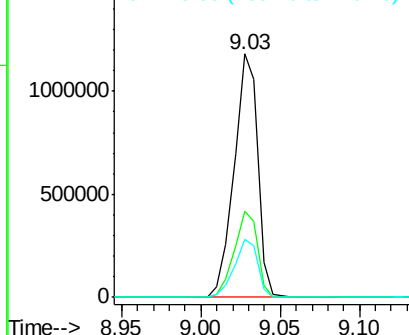
#45
 2-Fluorobiphenyl
 Concen: 92.639 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.02 min
 Lab File: BF113766.D
 Acq: 15 Apr 2019 16:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1216852
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.0 43.6
 170 24.0 19.5 29.3

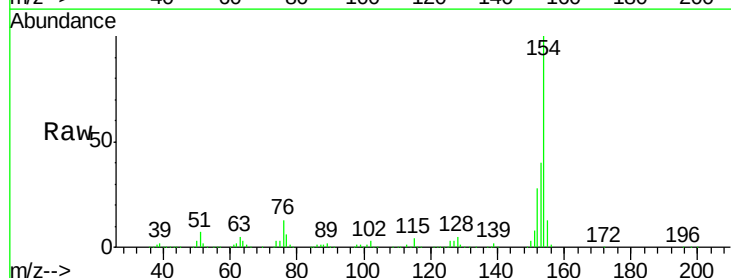


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

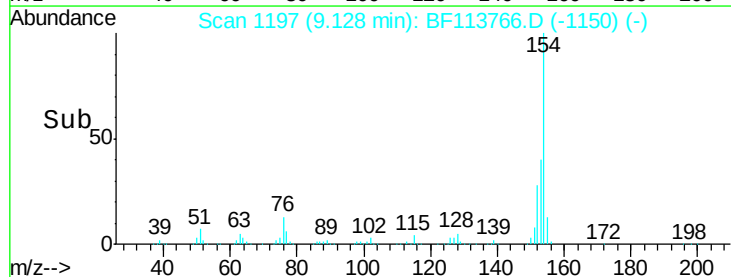
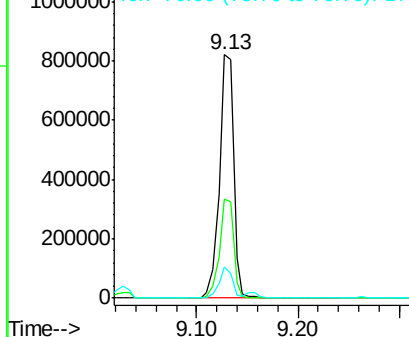


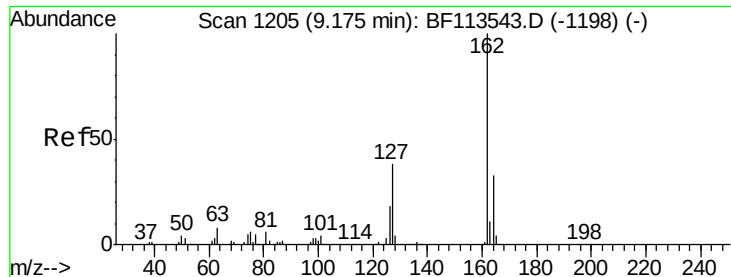
#46
 1,1'-Biphenyl
 Concen: 45.917 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.02 min
 Lab File: BF113766.D
 Acq: 15 Apr 2019 16:40

Tgt Ion:154 Resp: 801249
 Ion Ratio Lower Upper
 154 100
 153 40.5 20.8 60.8
 76 12.7 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

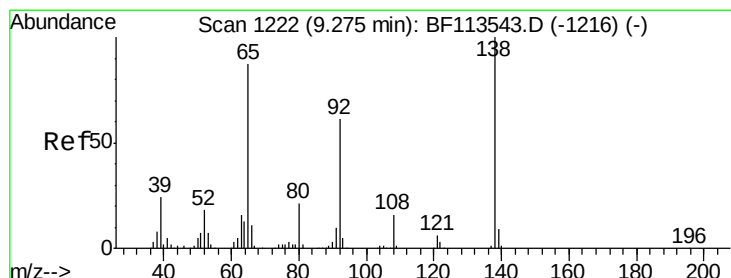
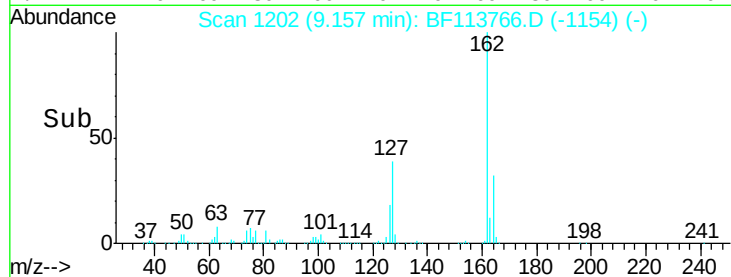
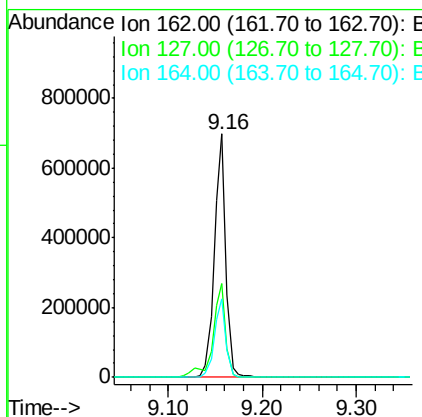
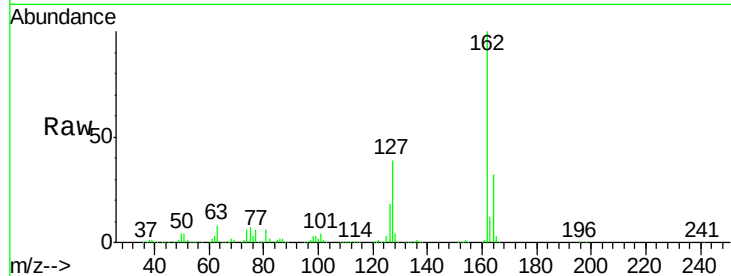




#47
 2-Chloronaphthalene
 Concen: 45.530 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.02 min
 Lab File: BF113766.D
 Acq: 15 Apr 2019 16:40

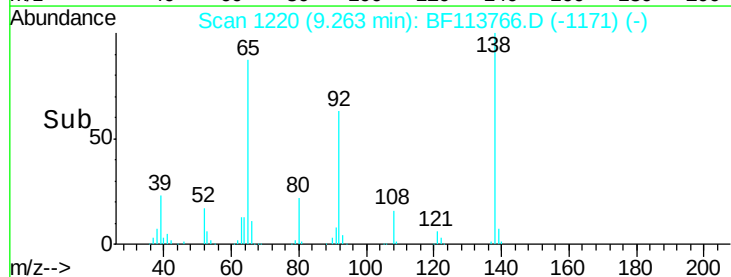
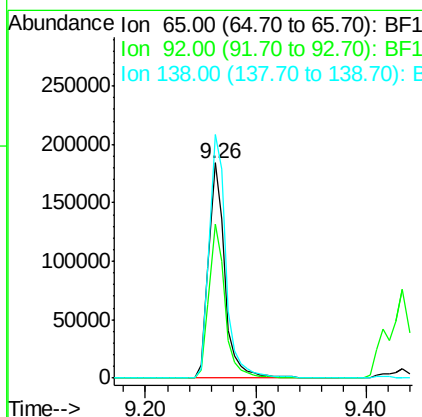
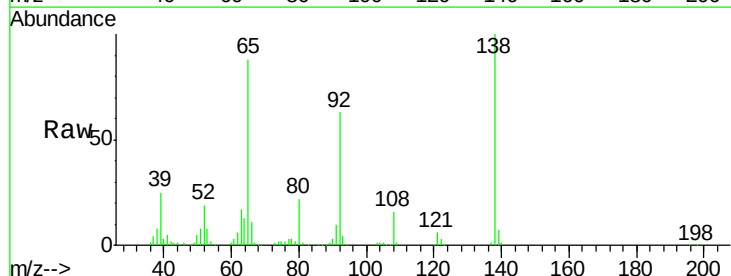
Instrument :
 BNA_F
 ClientSampleId :

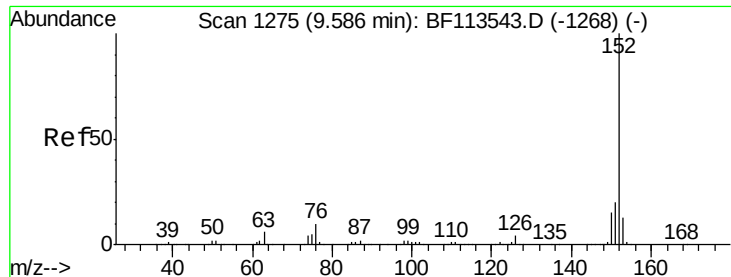
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.6	32.6	49.0
164	32.5	26.6	39.8



#48
 2-Nitroaniline
 Concen: 45.280 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.01 min
 Lab File: BF113766.D
 Acq: 15 Apr 2019 16:40

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.9	56.8	85.2
138	113.3	92.3	138.5





#49

Acenaphthylene

Concen: 44.274 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.02 min

Lab File: BF113766.D

Acq: 15 Apr 2019 16:40

Instrument :

BNA_F

ClientSampled :

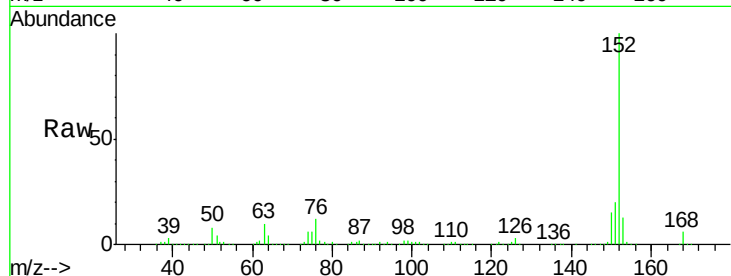
Tot Ion:152 Resp: 951190

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.4

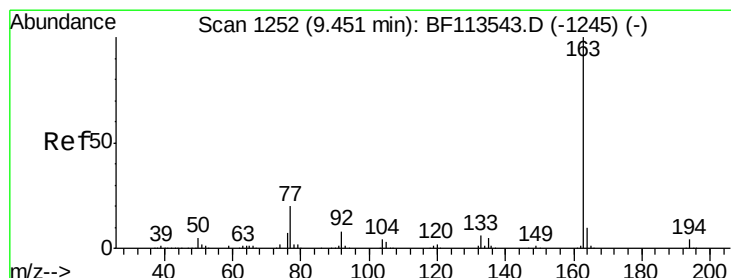
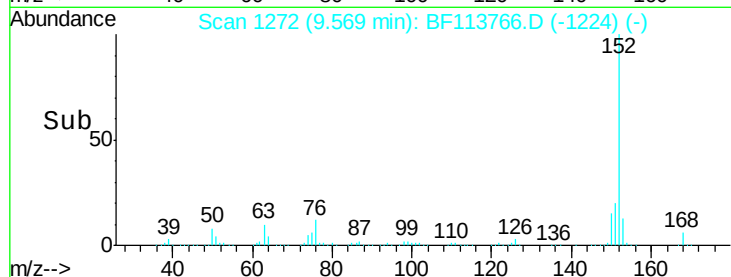
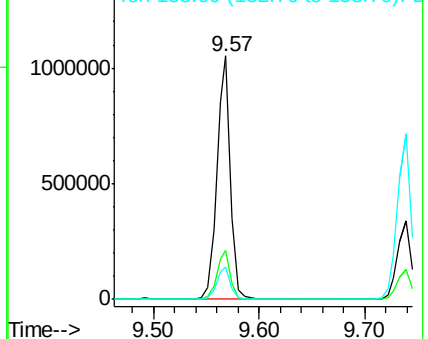
153 13.4 11.0 16.6



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: 45.160 ng

RT: 9.43 min Scan# 1249

Delta R.T. -0.02 min

Lab File: BF113766.D

Acq: 15 Apr 2019 16:40

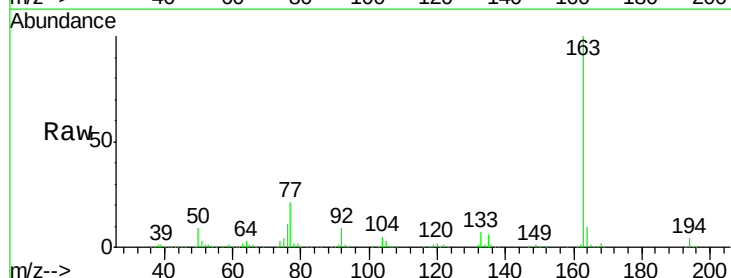
Tgt Ion:163 Resp: 703942

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

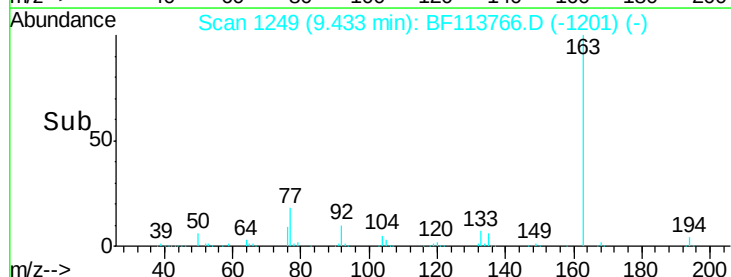
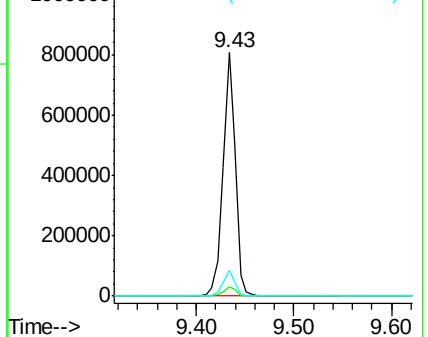
164 10.5 8.1 12.1

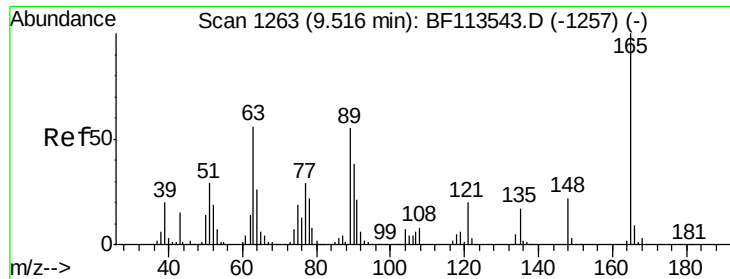


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 45.688 ng

RT: 9.50 min Scan# 1261

Delta R.T. -0.01 min

Lab File: BF113766.D

Acq: 15 Apr 2019 16:40

Instrument :

BNA_F

ClientSampleId :

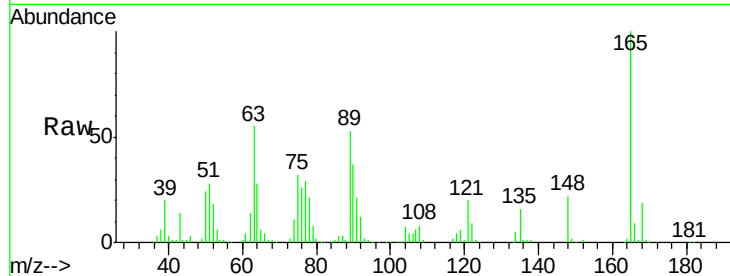
Tot Ion:165 Resp: 156983

Ion Ratio Lower Upper

165 100

63 55.1 43.4 65.0

89 52.9 43.1 64.7

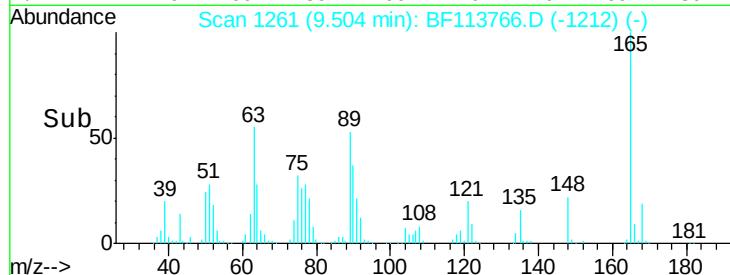


Abundance Ion 165.00 (164.70 to 165.70): E

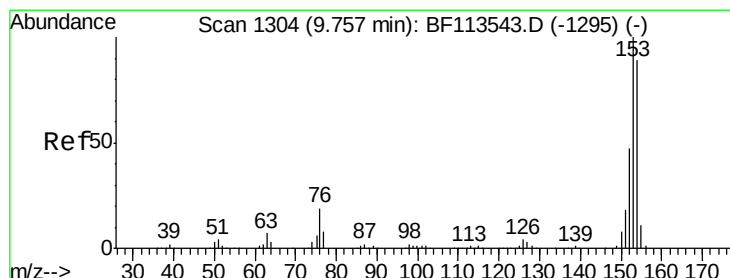
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Time-->



Time-->



#52

Acenaphthene

Concen: 46.345 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.02 min

Lab File: BF113766.D

Acq: 15 Apr 2019 16:40

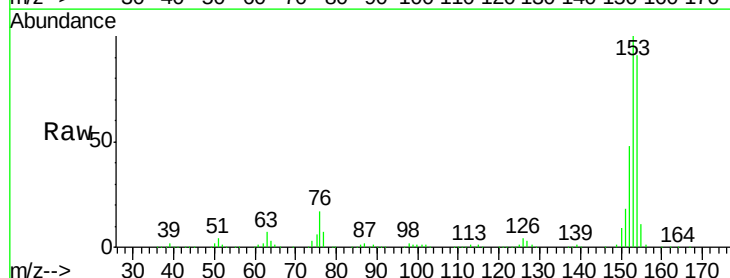
Tgt Ion:154 Resp: 569961

Ion Ratio Lower Upper

154 100

153 110.3 89.5 134.3

152 52.6 43.3 64.9

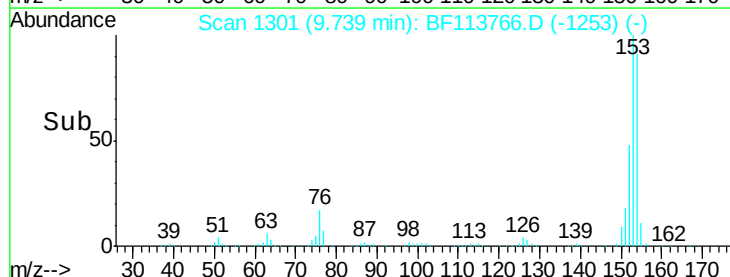


Abundance Ion 154.00 (153.70 to 154.70): E

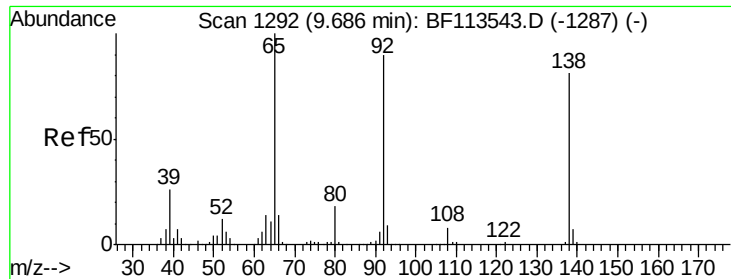
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Time-->



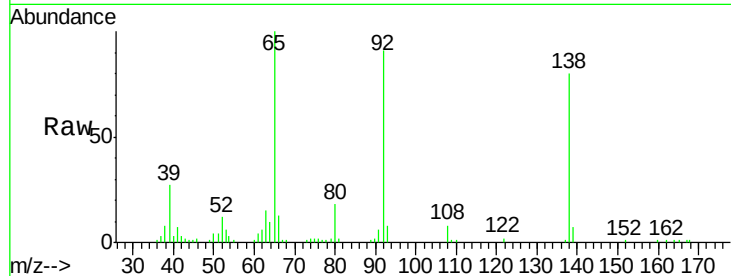
Time-->



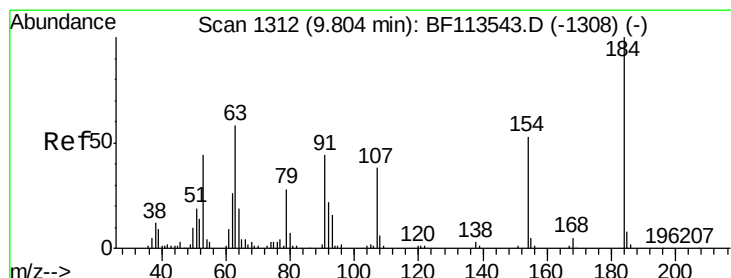
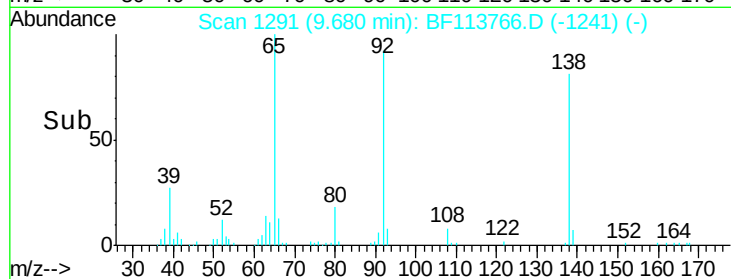
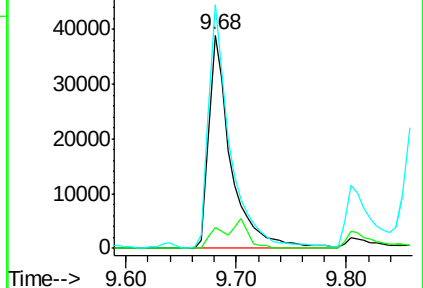
#53
3-Nitroaniline
Concen: 13.625 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BF113766.D
Acq: 15 Apr 2019 16:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 53227
Ion Ratio Lower Upper
138 100
108 9.8 7.8 11.6
92 114.0 82.6 124.0

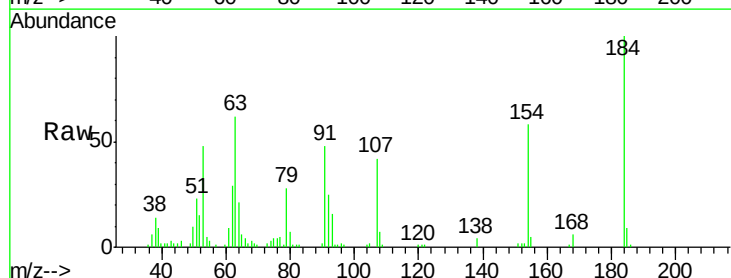


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

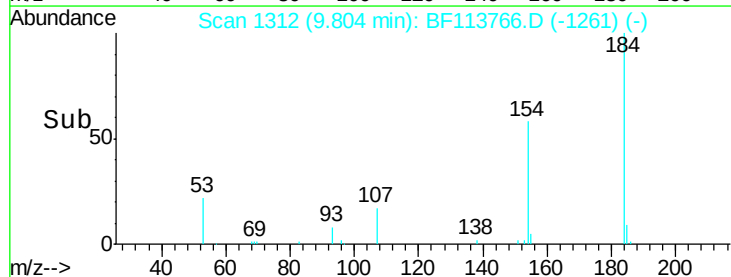
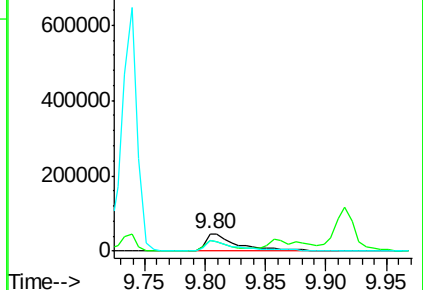


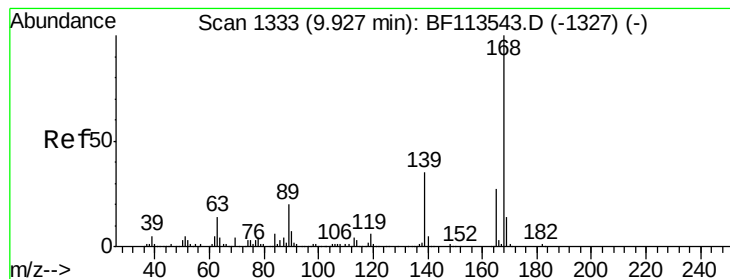
#54
2,4-Dinitrophenol
Concen: 55.299 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BF113766.D
Acq: 15 Apr 2019 16:40

Tgt Ion:184 Resp: 88894
Ion Ratio Lower Upper
184 100
63 62.0 54.3 81.5
154 57.8 48.4 72.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 47.538 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.02 min

Lab File: BF113766.D

Acq: 15 Apr 2019 16:40

Instrument :

BNA_F

ClientSampleId :

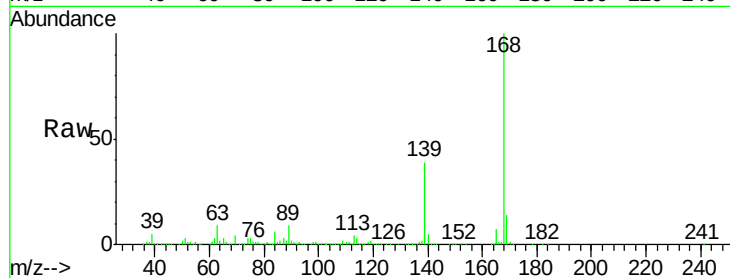
Tot Ion:168 Resp: 857585

Ion Ratio Lower Upper

168 100

139 38.8 29.7 44.5

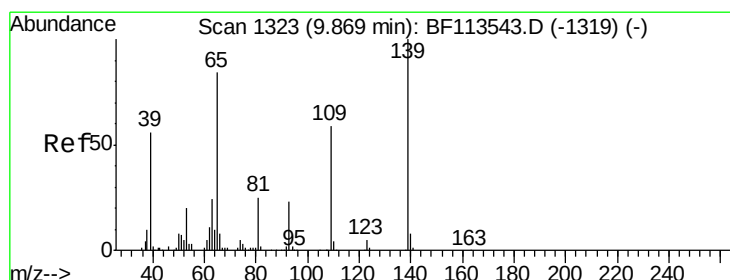
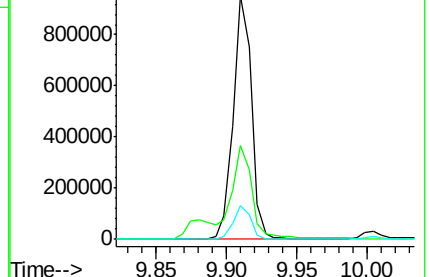
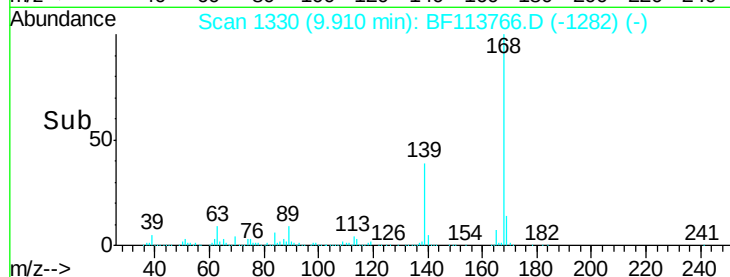
169 13.7 10.7 16.1



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 42.663 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.01 min

Lab File: BF113766.D

Acq: 15 Apr 2019 16:40

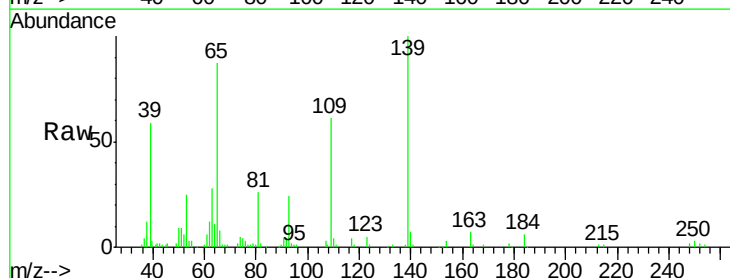
Tgt Ion:139 Resp: 103387

Ion Ratio Lower Upper

139 100

109 61.2 46.9 86.9

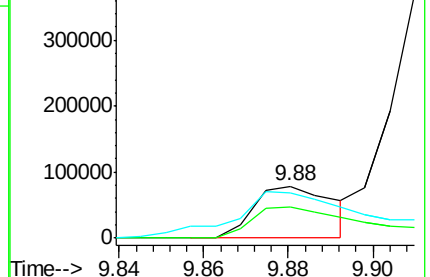
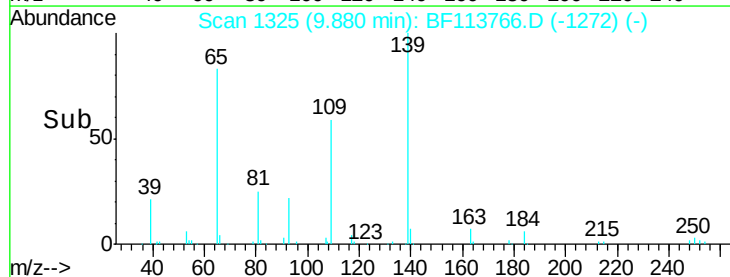
65 87.0 77.2 117.2

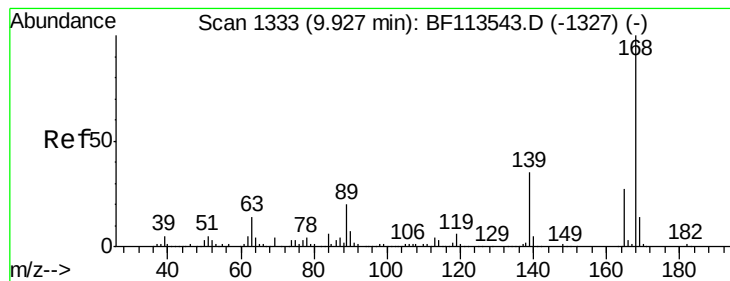


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 49.293 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF113766.D

Acq: 15 Apr 2019 16:40

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 204840

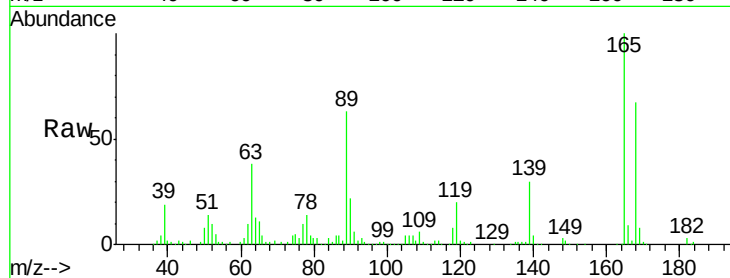
Ion Ratio Lower Upper

165 100

63 38.4 37.5 56.3

89 62.5 57.4 86.2

182 2.6 2.0 3.0

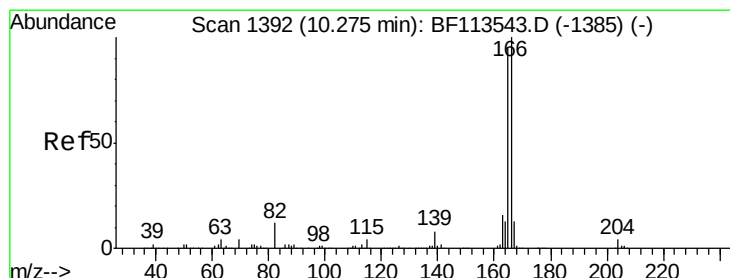
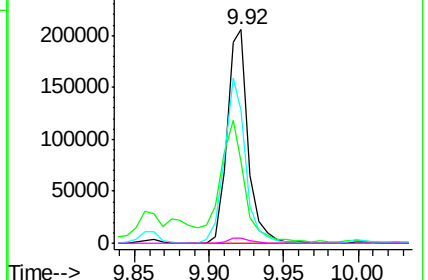
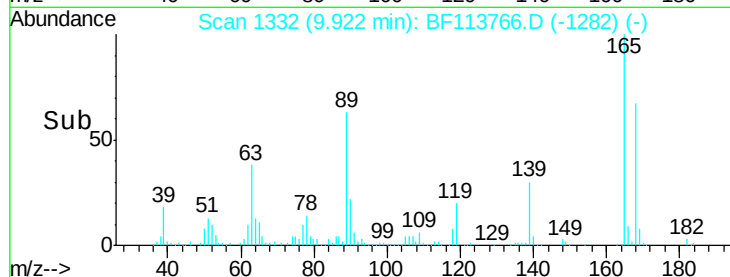


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 47.686 ng

RT: 10.26 min Scan# 1389

Delta R.T. -0.02 min

Lab File: BF113766.D

Acq: 15 Apr 2019 16:40

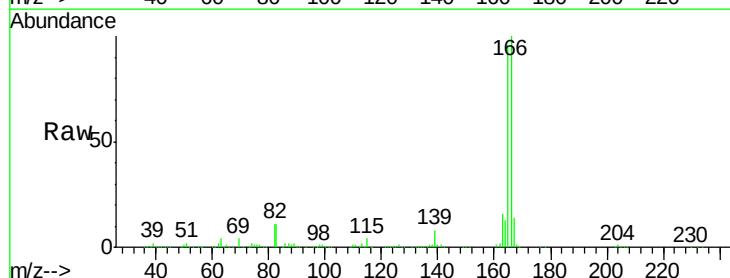
Tgt Ion:166 Resp: 680399

Ion Ratio Lower Upper

166 100

165 95.6 76.2 114.2

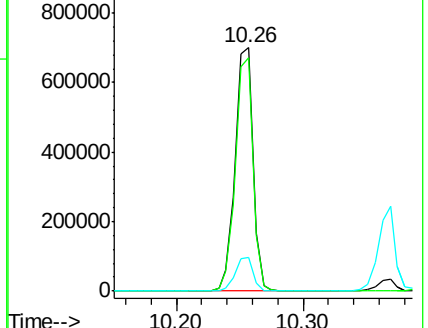
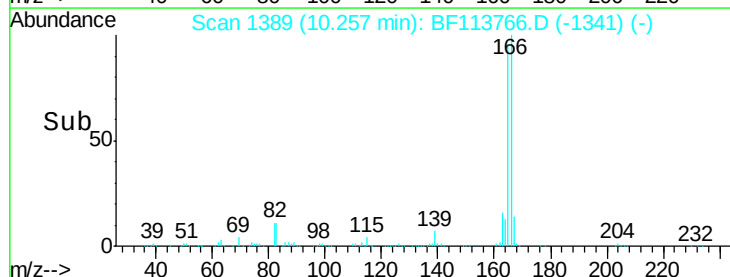
167 13.7 10.7 16.1

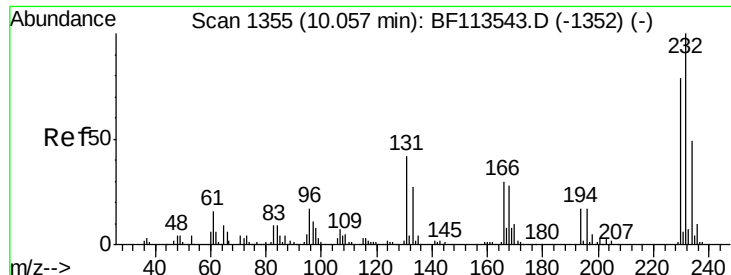


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

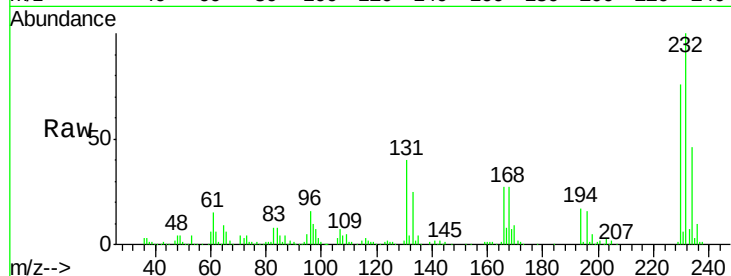




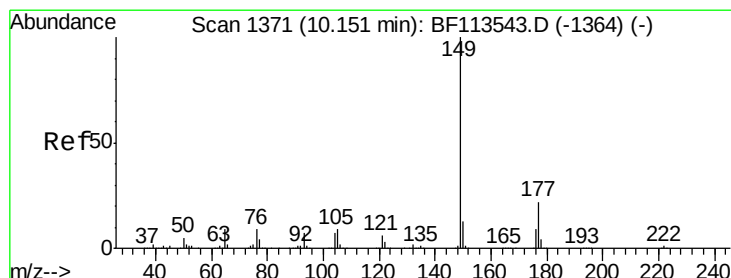
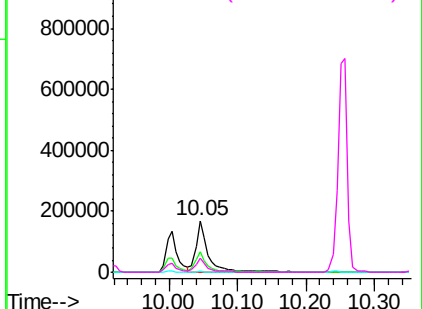
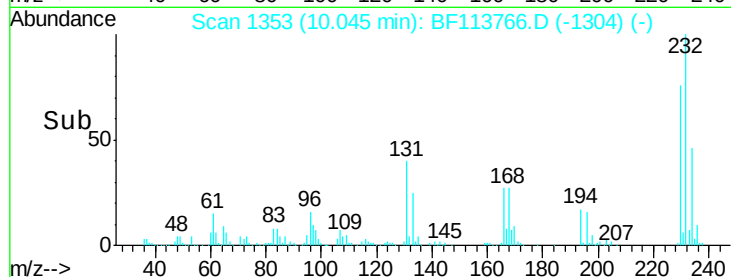
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 50.926 ng
 RT: 10.05 min Scan# 1353
 Delta R.T. -0.01 min
 Lab File: BF113766.D
 Acq: 15 Apr 2019 16:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	232	Resp:	204299
Ion	Ratio	Lower	Upper
232	100		
131	36.1	33.2	49.8
130	1.9	1.6	2.4
166	24.1	21.0	31.6

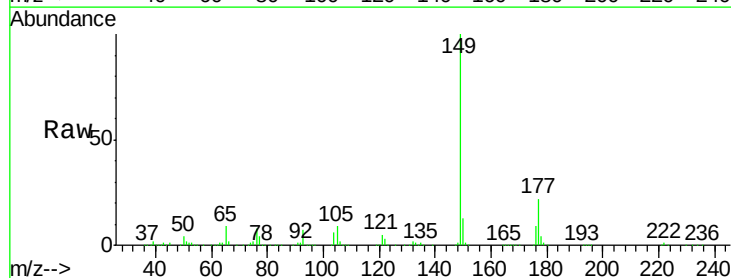


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

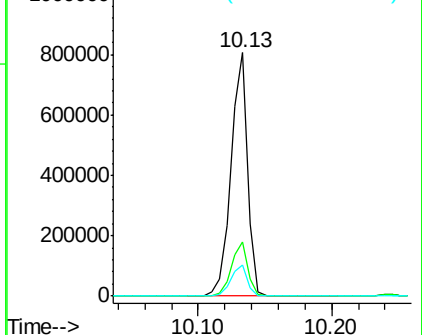
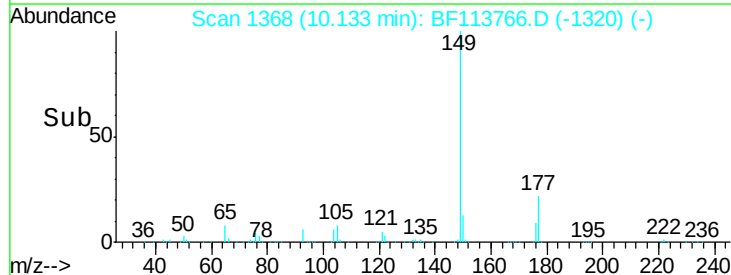


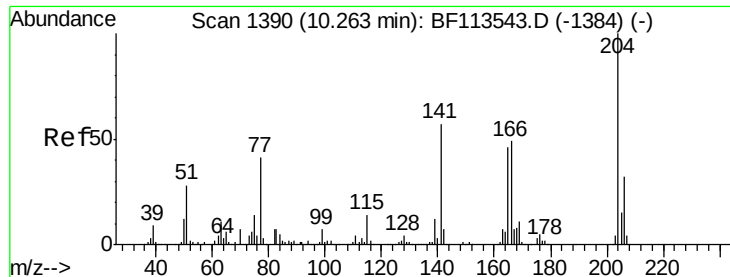
#60
 Diethylphthalate
 Concen: 47.063 ng
 RT: 10.13 min Scan# 1368
 Delta R.T. -0.02 min
 Lab File: BF113766.D
 Acq: 15 Apr 2019 16:40

Tgt Ion:	149	Resp:	707299
Ion	Ratio	Lower	Upper
149	100		
177	22.4	17.4	26.0
150	12.5	10.0	15.0



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

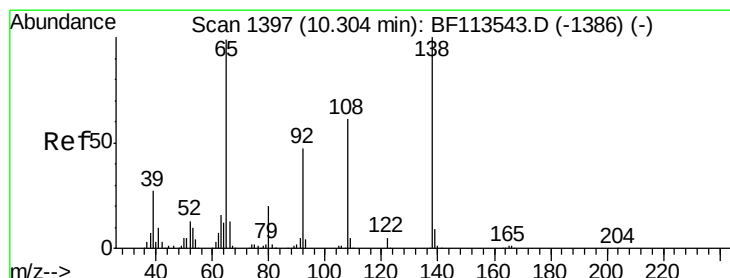
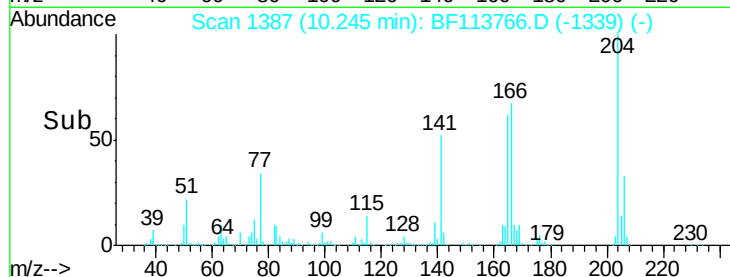
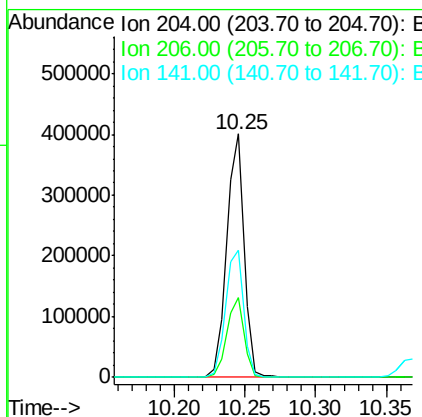
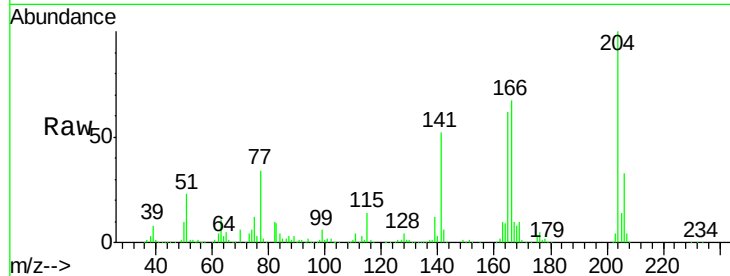




#61
4-Chlorophenyl-phenylether
Concen: 48.702 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.02 min
Lab File: BF113766.D
Acq: 15 Apr 2019 16:40

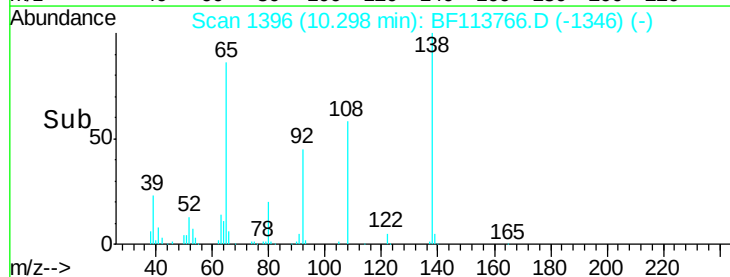
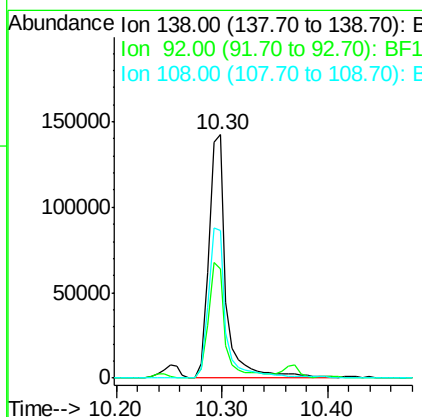
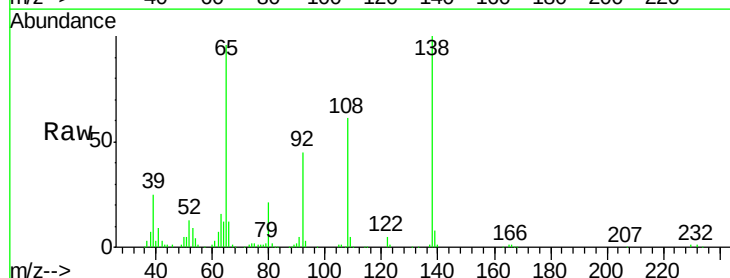
Instrument :
BNA_F
ClientSampled :

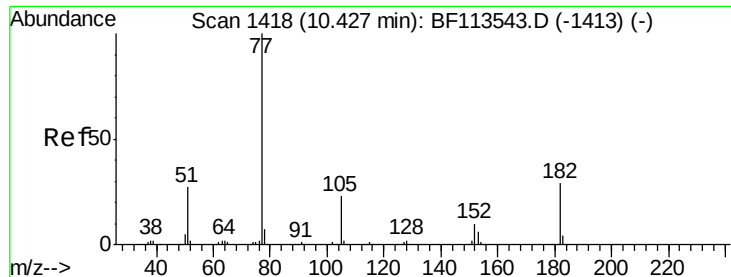
Tot Ion:204 Resp: 341794
Ion Ratio Lower Upper
204 100
206 32.8 26.9 40.3
141 52.1 48.8 73.2



#62
4-Nitroaniline
Concen: 40.785 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF113766.D
Acq: 15 Apr 2019 16:40

Tgt Ion:138 Resp: 162019
Ion Ratio Lower Upper
138 100
92 45.0 25.8 65.8
108 60.8 44.0 84.0

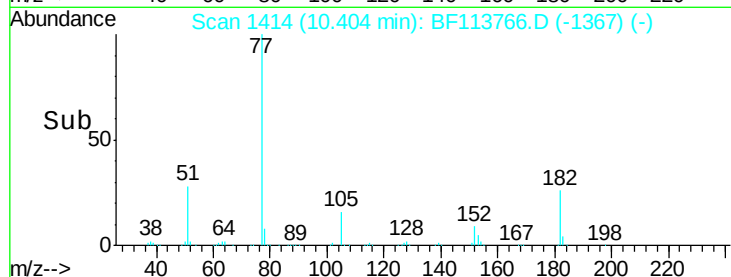
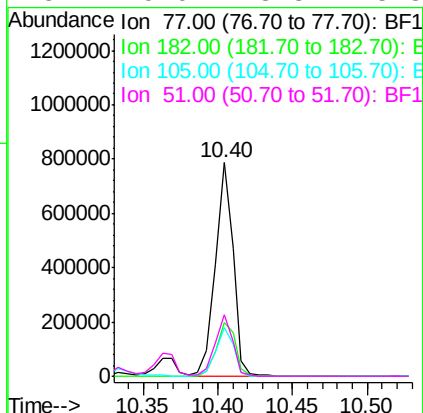
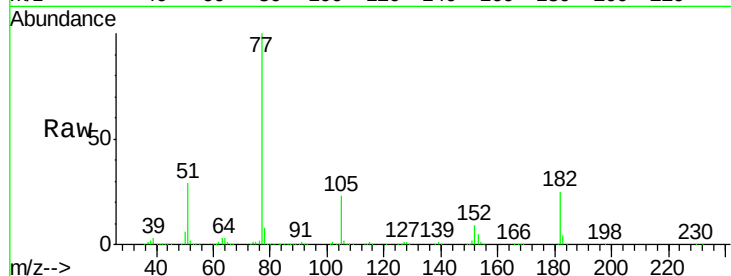




#63
Azobenzene
Concen: 45.788 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.02 min
Lab File: BF113766.D
Acq: 15 Apr 2019 16:40

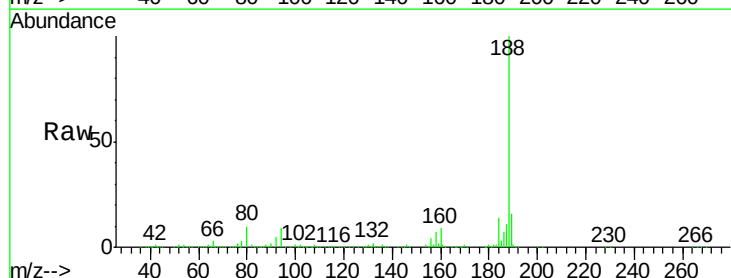
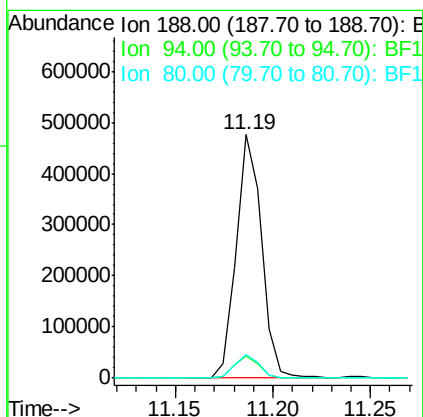
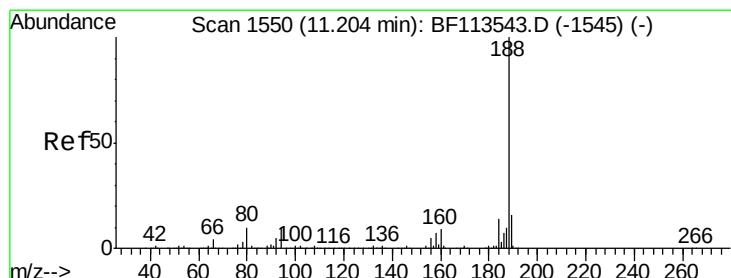
Instrument :
BNA_F
ClientSampleId :

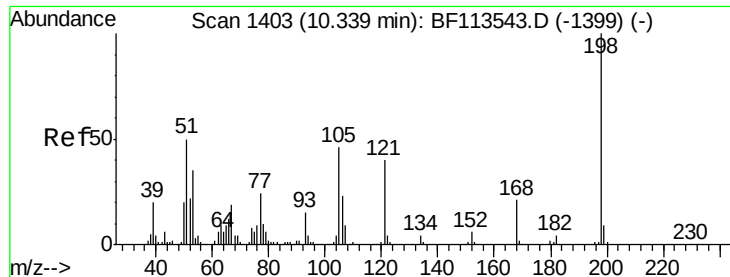
Tot Ion	Ratio	Lower	Upper
77	100		
182	25.3	8.7	48.7
105	22.7	2.9	42.9
51	29.0	8.8	48.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.02 min
Lab File: BF113766.D
Acq: 15 Apr 2019 16:40

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.0	10.6
80	9.9	7.7	11.5

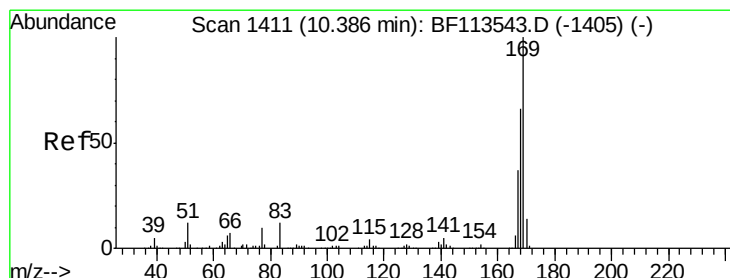
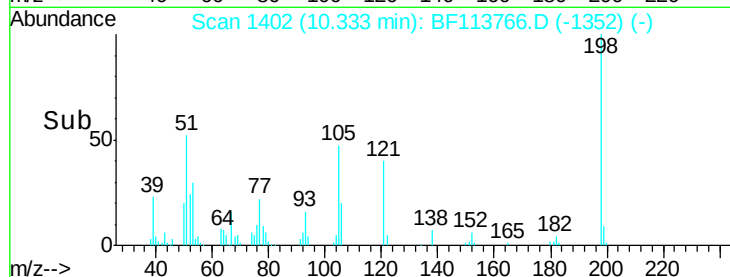
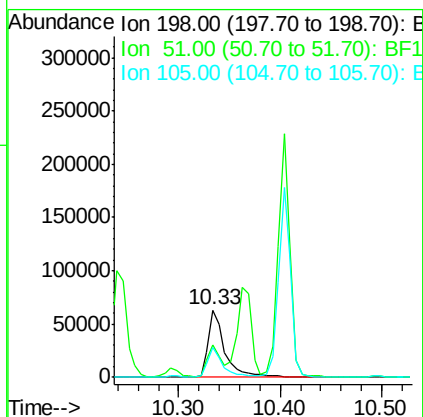
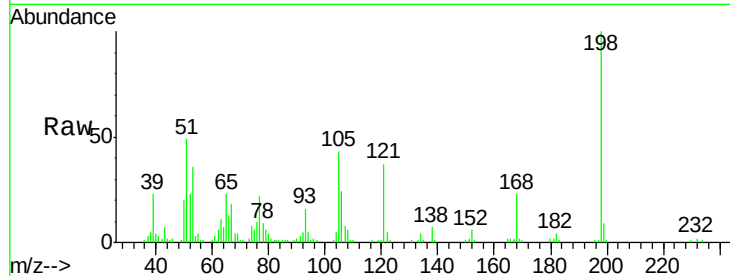




#65
4,6-Dinitro-2-methylphenol
Concen: 32.064 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF113766.D
Acq: 15 Apr 2019 16:40

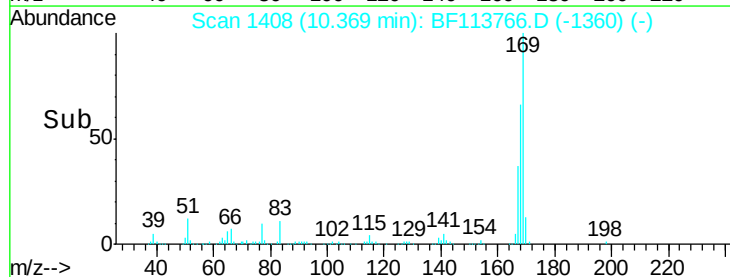
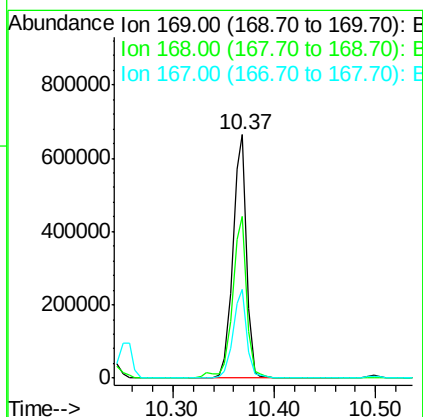
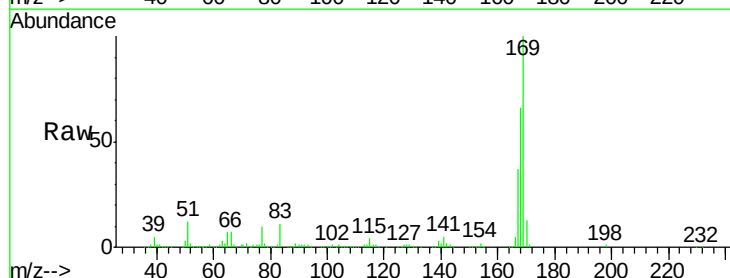
Instrument :
BNA_F
ClientSampled :

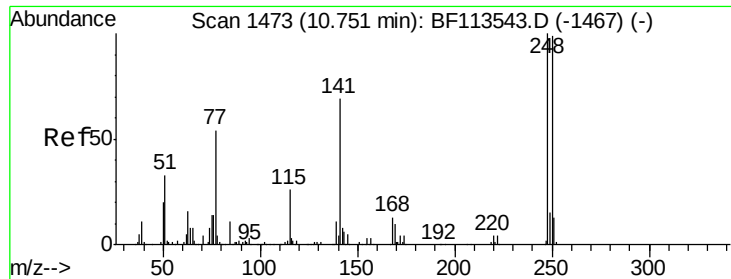
Tot Ion:198 Resp: 72409
Ion Ratio Lower Upper
198 100
51 49.1 21.6 61.6
105 43.5 20.6 60.6



#66
n-Nitrosodiphenylamine
Concen: 47.180 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.02 min
Lab File: BF113766.D
Acq: 15 Apr 2019 16:40

Tgt Ion:169 Resp: 621294
Ion Ratio Lower Upper
169 100
168 66.3 53.7 80.5
167 36.7 29.5 44.3

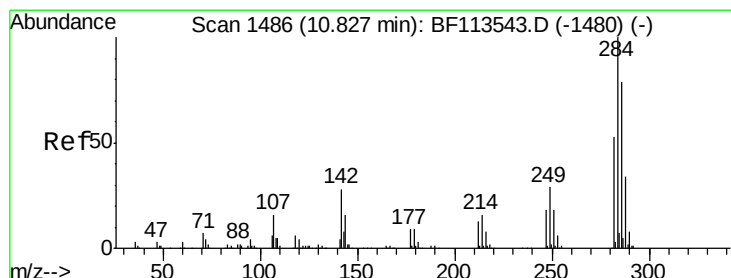
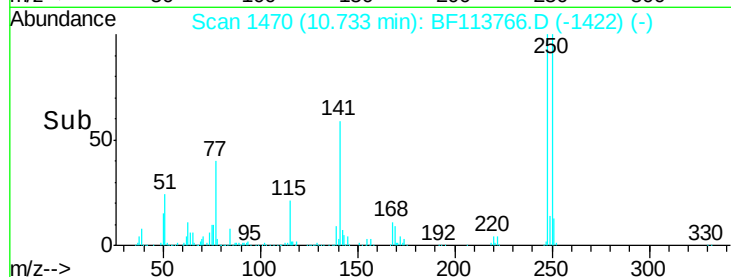
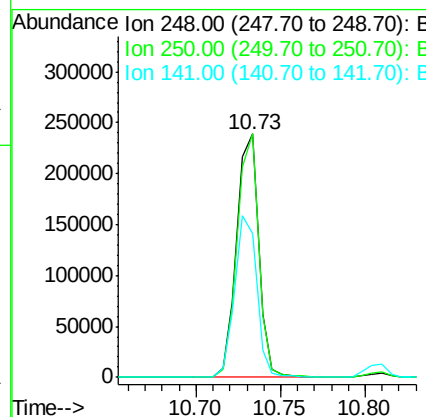
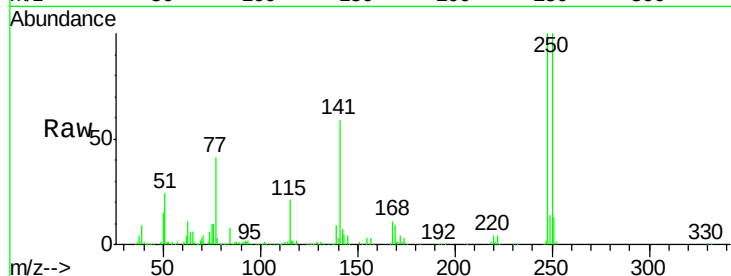




#67
4-Bromophenyl-phenylether
Concen: 45.046 ng
RT: 10.73 min Scan# 1470
Delta R.T. -0.02 min
Lab File: BF113766.D
Acq: 15 Apr 2019 16:40

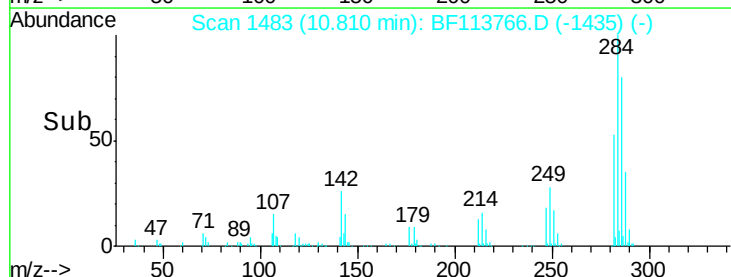
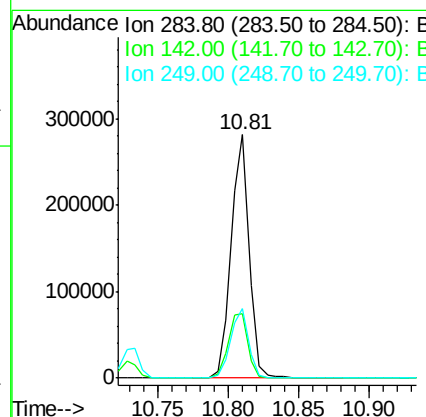
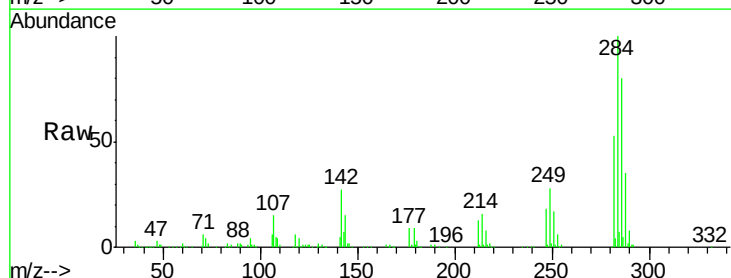
Instrument :
BNA_F
ClientSampleId :

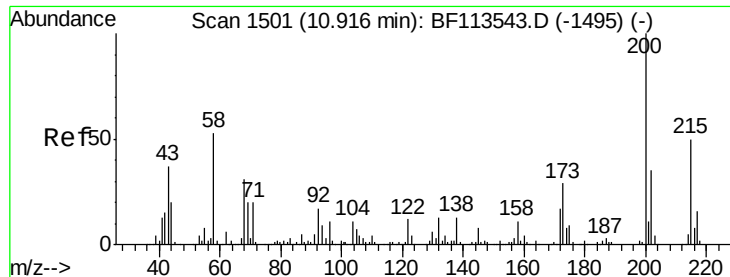
Tot Ion	Ratio	Lower	Upper
248	100		
250	100.1	78.3	117.5
141	58.9	56.2	84.4



#68
Hexachlorobenzene
Concen: 45.153 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.02 min
Lab File: BF113766.D
Acq: 15 Apr 2019 16:40

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.5	20.1	30.1
249	28.5	22.7	34.1

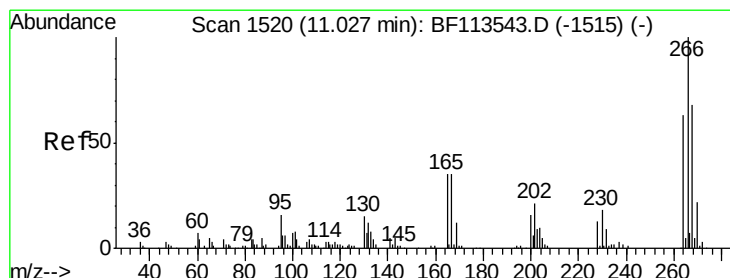
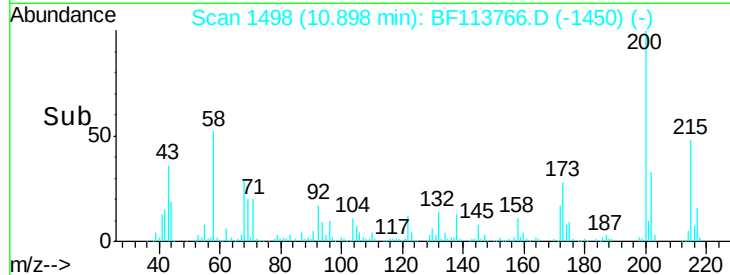
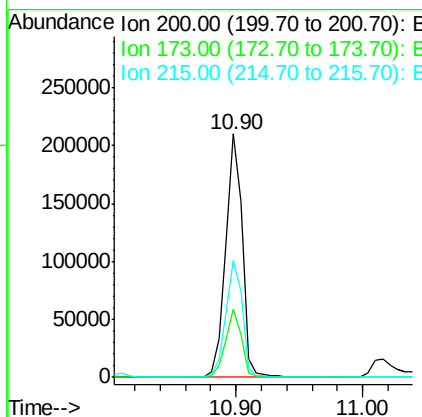
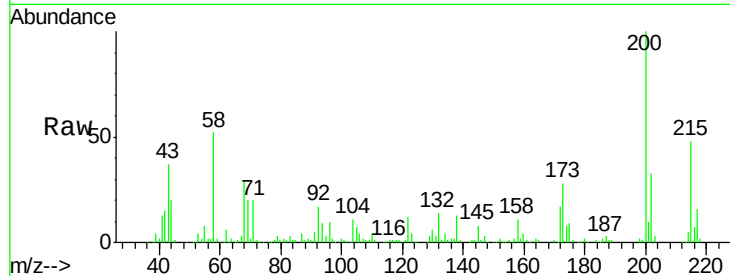




#69
 Atrazine
 Concen: 45.775 ng
 RT: 10.90 min Scan# 1498
 Delta R.T. -0.02 min
 Lab File: BF113766.D
 Acq: 15 Apr 2019 16:40

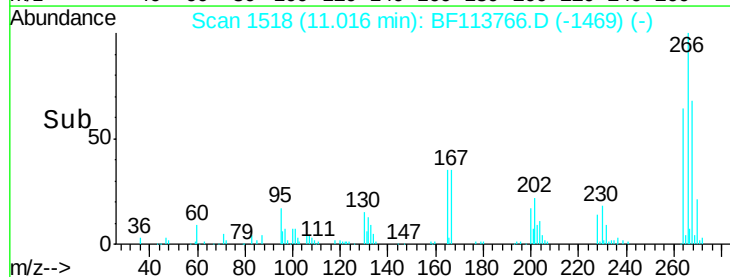
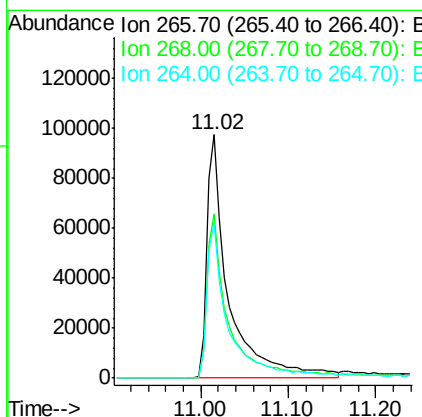
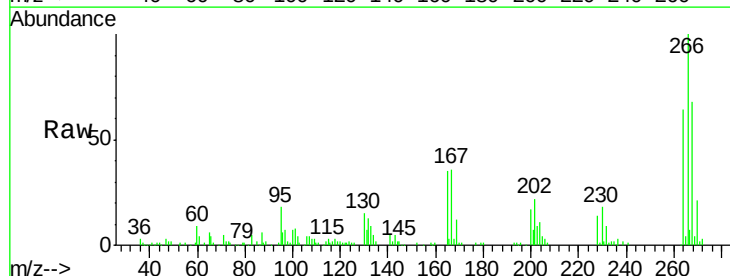
Instrument :
 BNA_F
 ClientSampled :

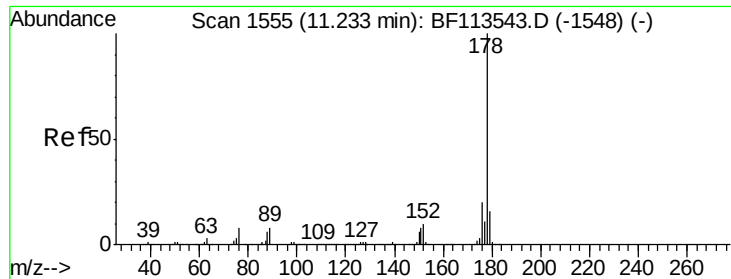
Tot Ion	Ratio	Lower	Upper
200	100		
173	28.1	6.0	46.0
215	48.1	31.3	71.3



#70
 Pentachlorophenol
 Concen: 64.630 ng
 RT: 11.02 min Scan# 1518
 Delta R.T. -0.01 min
 Lab File: BF113766.D
 Acq: 15 Apr 2019 16:40

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.5	53.8	80.6
264	63.8	49.2	73.8

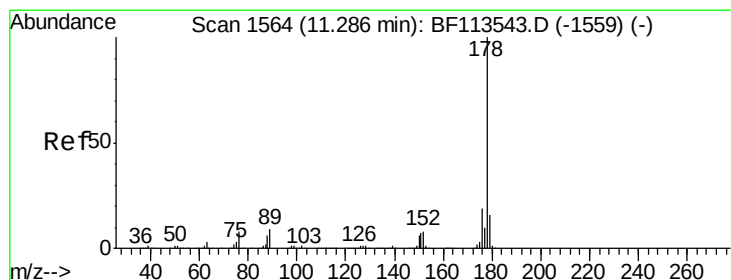
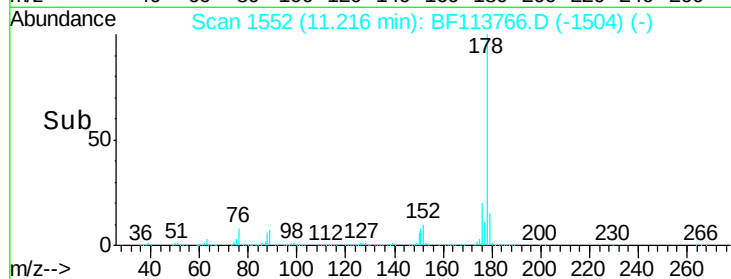
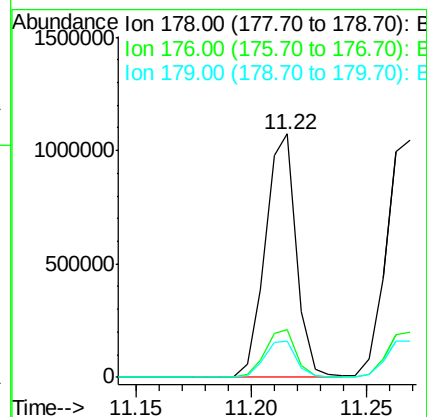
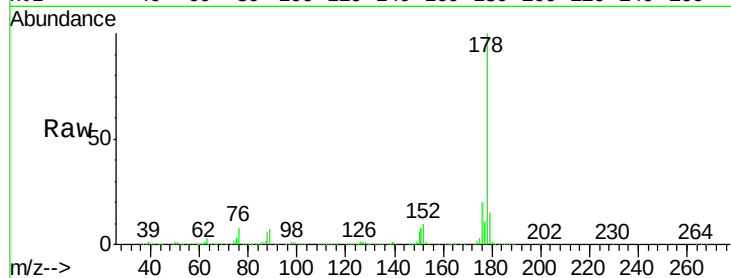




#71
Phenanthrene
Concen: 47.053 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.02 min
Lab File: BF113766.D
Acq: 15 Apr 2019 16:40

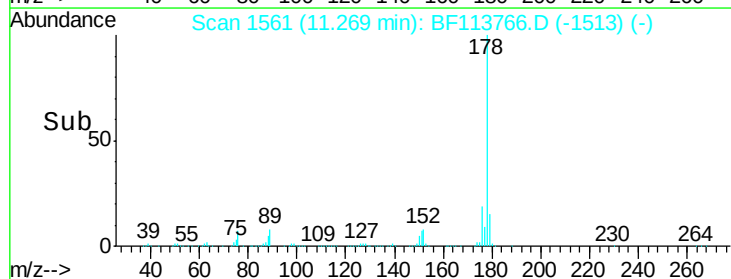
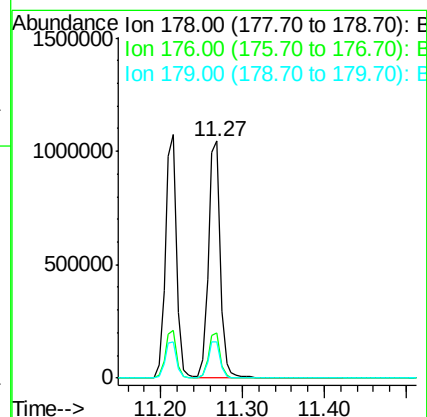
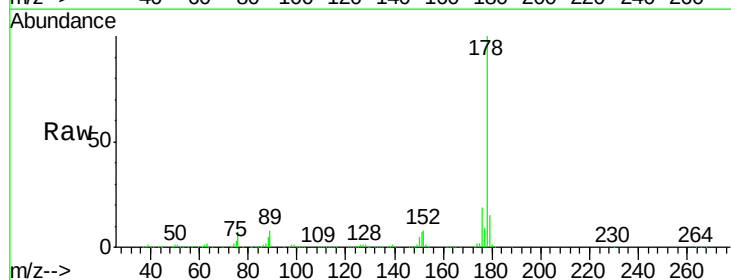
Instrument :
BNA_F
ClientSampled :

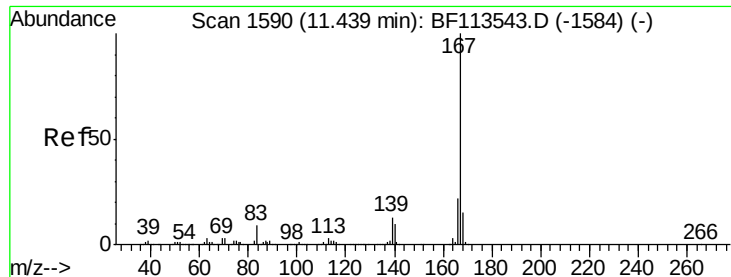
Tot Ion:178 Resp: 1002937
Ion Ratio Lower Upper
178 100
176 19.8 16.2 24.2
179 15.1 12.7 19.1



#72
Anthracene
Concen: 48.892 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.02 min
Lab File: BF113766.D
Acq: 15 Apr 2019 16:40

Tgt Ion:178 Resp: 1060283
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.2
179 15.4 12.8 19.2

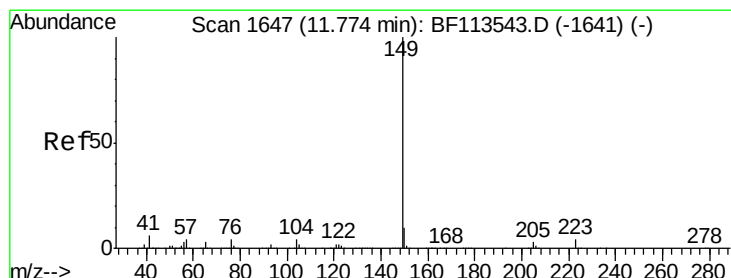
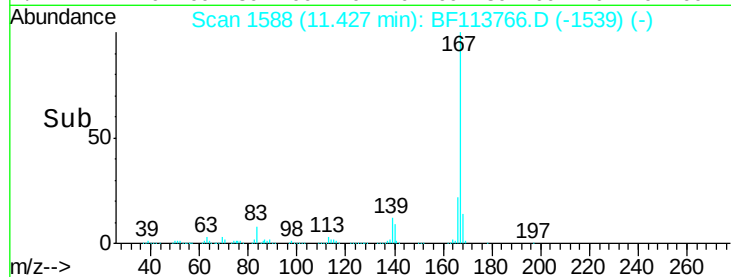
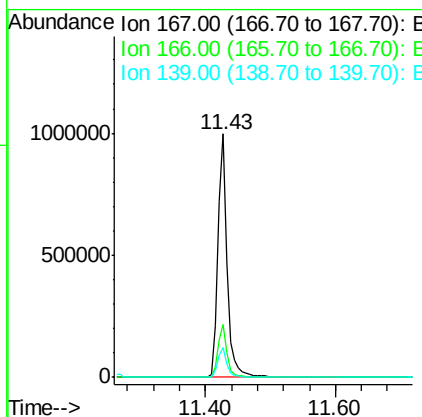
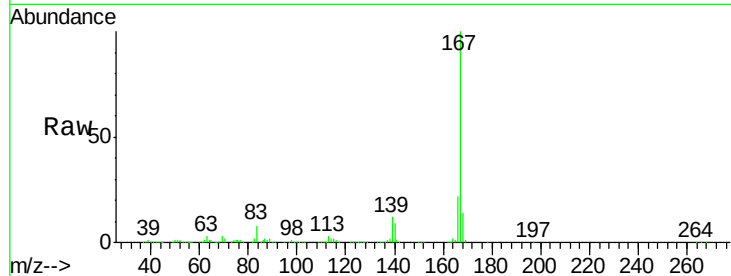




#73
 Carbazole
 Concen: 47.948 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.01 min
 Lab File: BF113766.D
 Acq: 15 Apr 2019 16:40

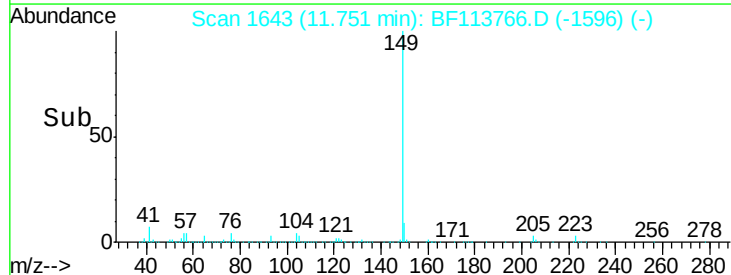
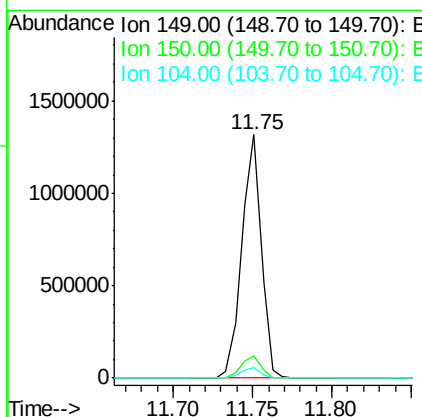
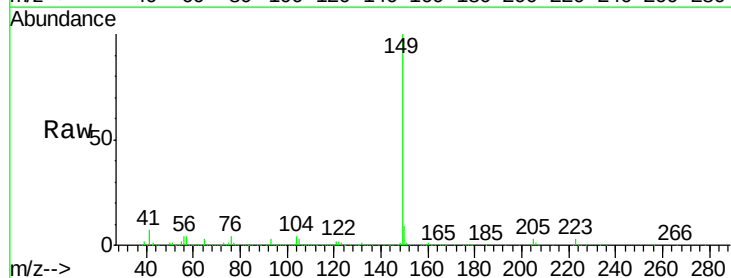
Instrument :
 BNA_F
 ClientSampleId :

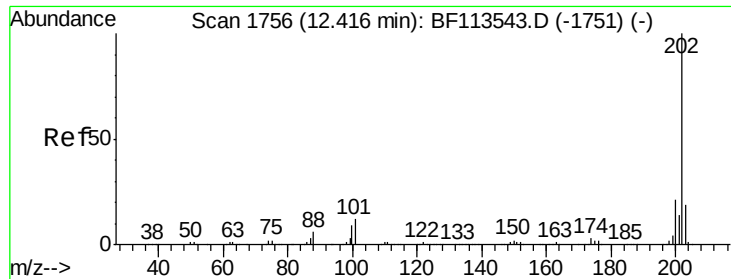
Tot Ion:167 Resp: 972524
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.4 26.0
 139 12.4 10.4 15.6



#74
 Di-n-butylphthalate
 Concen: 46.315 ng
 RT: 11.75 min Scan# 1643
 Delta R.T. -0.02 min
 Lab File: BF113766.D
 Acq: 15 Apr 2019 16:40

Tgt Ion:149 Resp: 1117487
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.7 11.5
 104 4.3 3.7 5.5

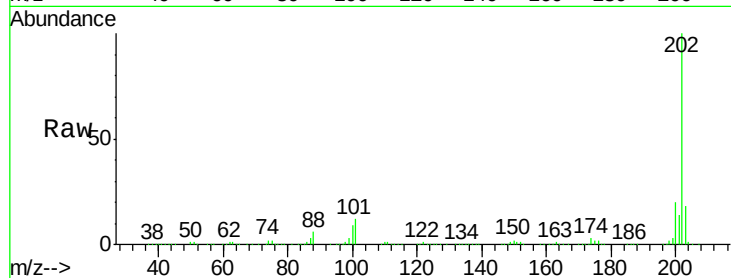




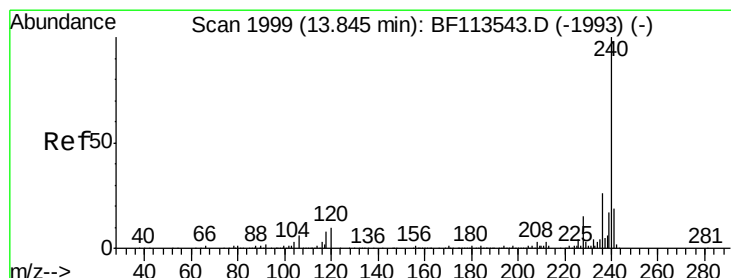
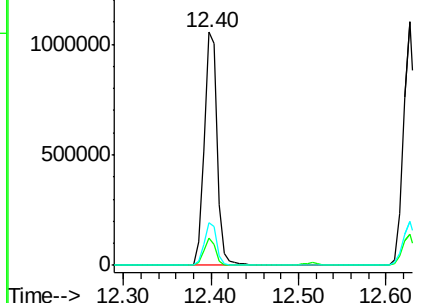
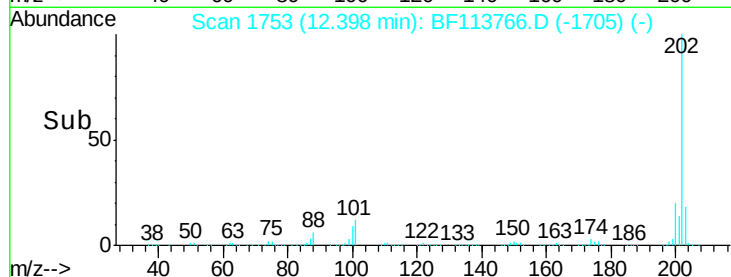
#75
 Fluoranthene
 Concen: 47.623 ng
 RT: 12.40 min Scan# 1753
 Delta R.T. -0.02 min
 Lab File: BF113766.D
 Acq: 15 Apr 2019 16:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:202 Resp: 1087746
 Ion Ratio Lower Upper
 202 100
 101 11.7 0.0 31.4
 203 18.2 0.0 38.0

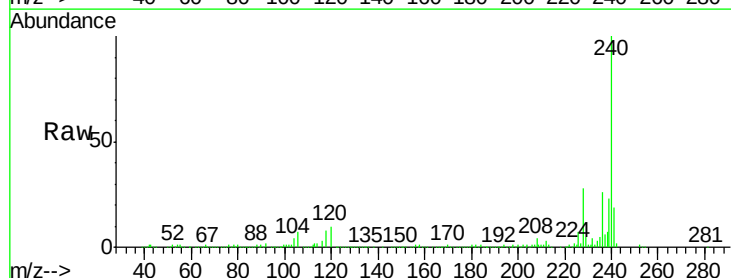


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

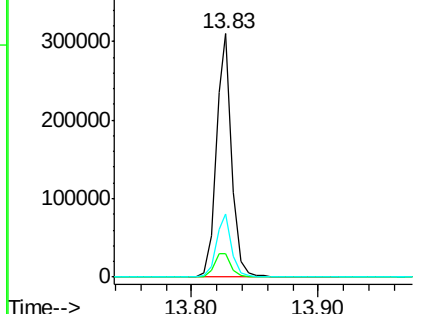
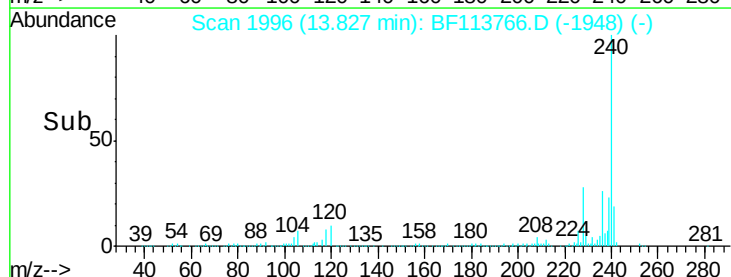


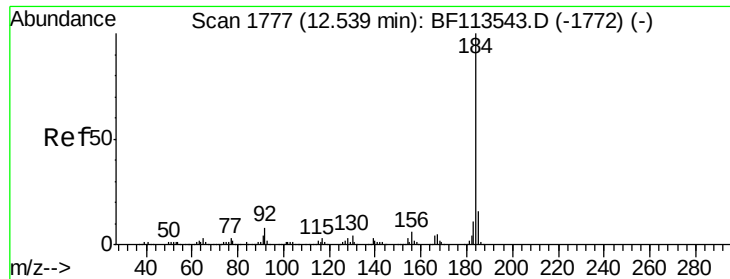
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.02 min
 Lab File: BF113766.D
 Acq: 15 Apr 2019 16:40

Tgt Ion:240 Resp: 264289
 Ion Ratio Lower Upper
 240 100
 120 9.5 8.8 13.2
 236 25.8 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 24.022 ng

RT: 12.53 min Scan# 1775

Delta R.T. -0.01 min

Lab File: BF113766.D

Acq: 15 Apr 2019 16:40

Instrument :

BNA_F

ClientSampleId :

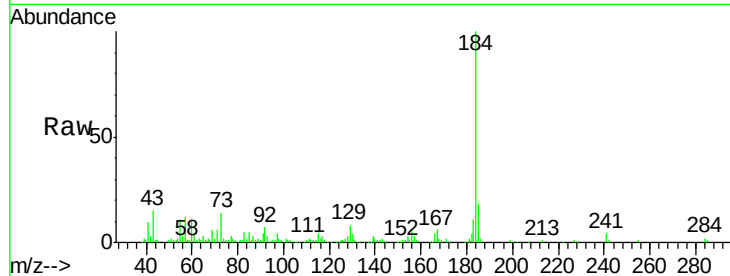
Tot Ion:184 Resp: 236091

Ion Ratio Lower Upper

184 100

185 17.6 13.0 19.6

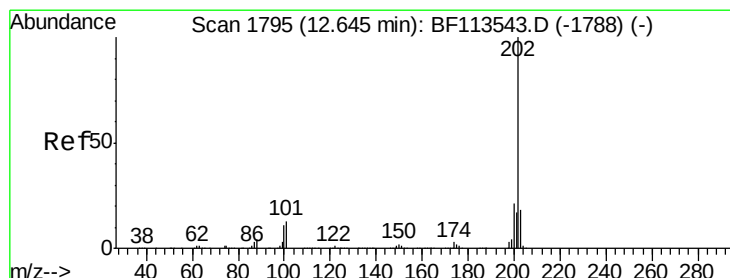
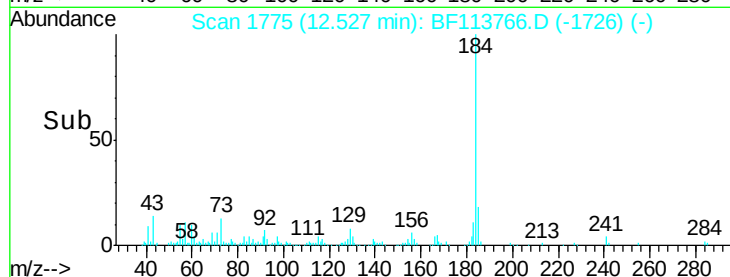
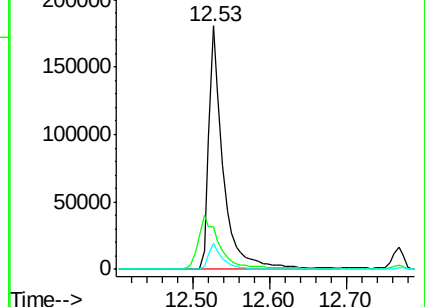
183 10.7 9.0 13.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 52.816 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.02 min

Lab File: BF113766.D

Acq: 15 Apr 2019 16:40

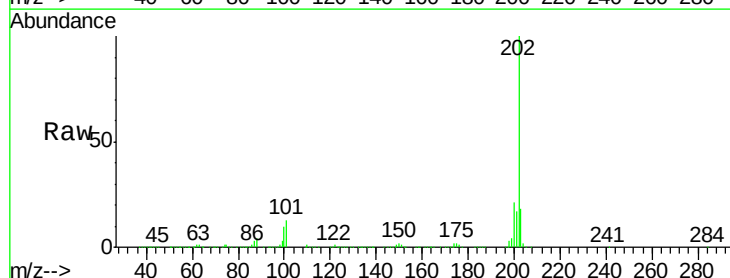
Tgt Ion:202 Resp: 1062102

Ion Ratio Lower Upper

202 100

200 20.8 16.8 25.2

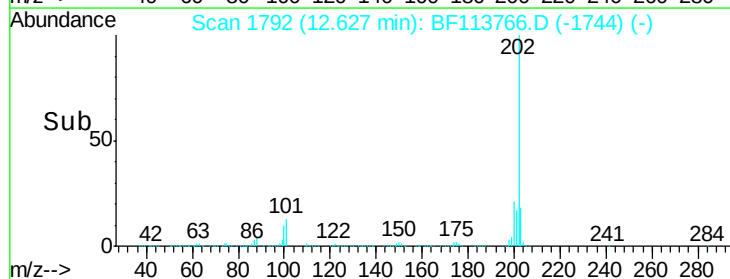
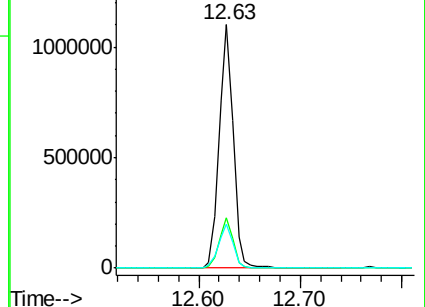
203 18.1 14.4 21.6

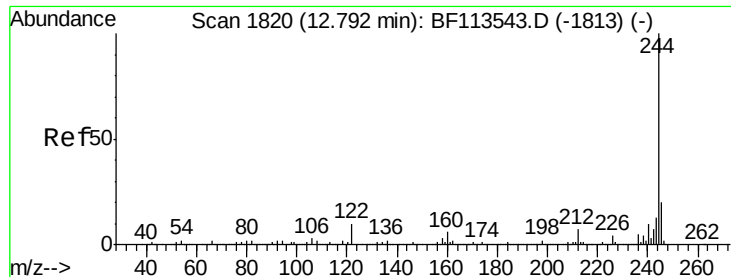


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 106.927 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.02 min

Lab File: BF113766.D

Acq: 15 Apr 2019 16:40

Instrument :

BNA_F

ClientSampleId :

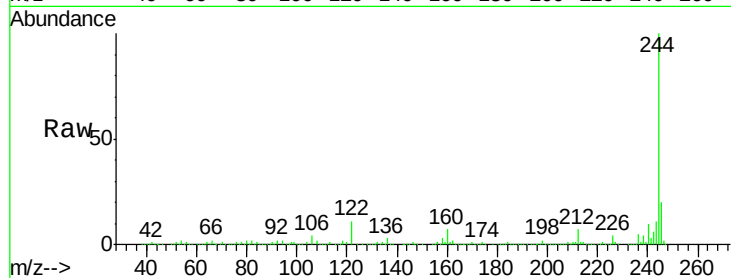
Tot Ion:244 Resp: 1387985

Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

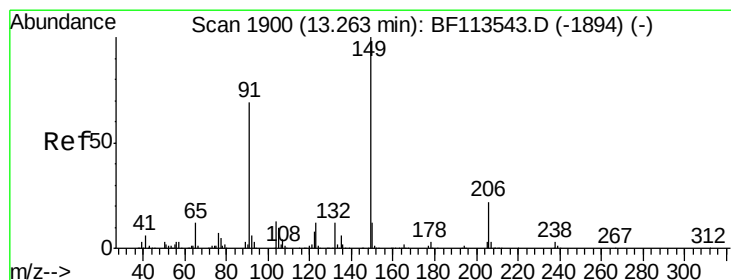
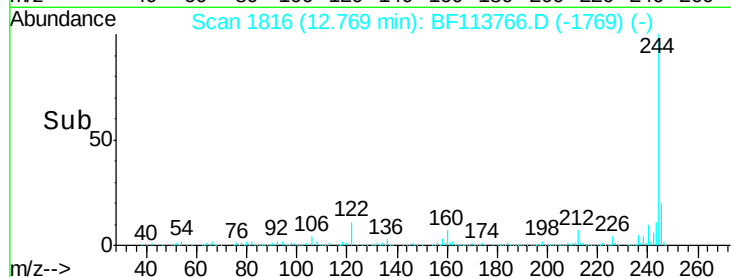
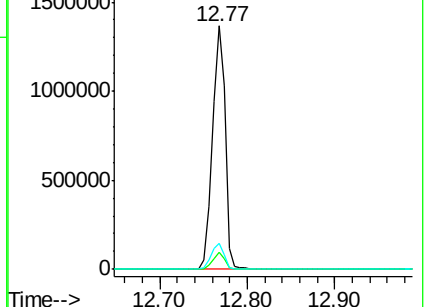
122 10.8 8.6 13.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 55.486 ng

RT: 13.24 min Scan# 1896

Delta R.T. -0.02 min

Lab File: BF113766.D

Acq: 15 Apr 2019 16:40

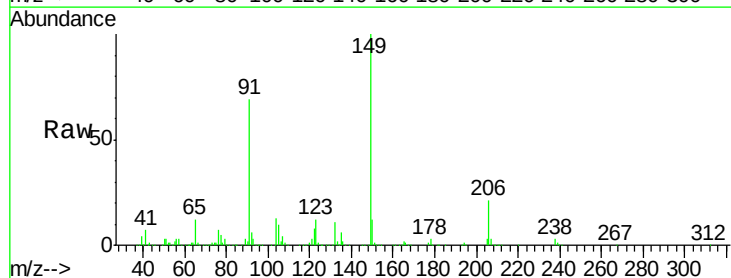
Tgt Ion:149 Resp: 454196

Ion Ratio Lower Upper

149 100

91 69.2 55.2 82.8

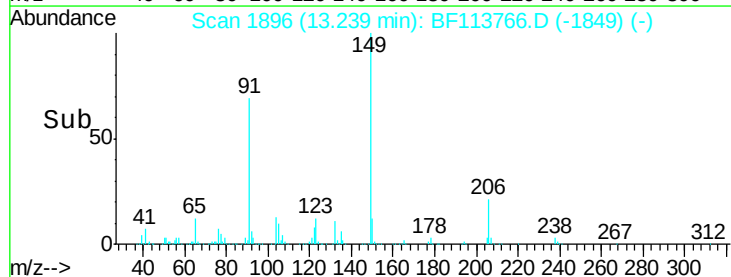
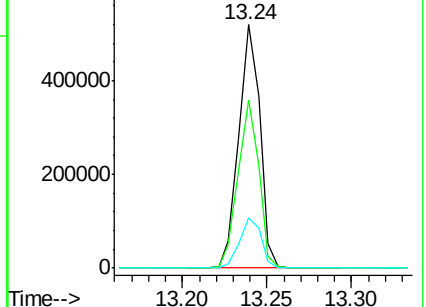
206 20.7 16.1 24.1

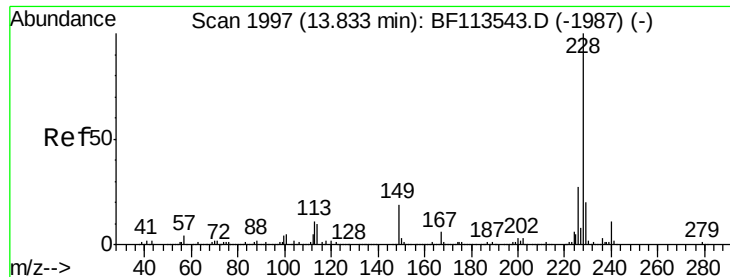


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 50.017 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.02 min

Lab File: BF113766.D

Acq: 15 Apr 2019 16:40

Instrument :

BNA_F

ClientSampleId :

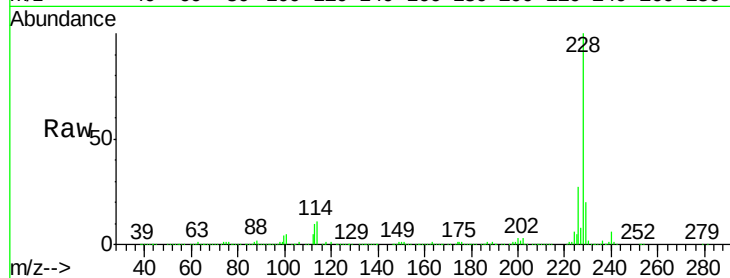
Tot Ion:228 Resp: 762537

Ion Ratio Lower Upper

228 100

226 27.4 21.8 32.8

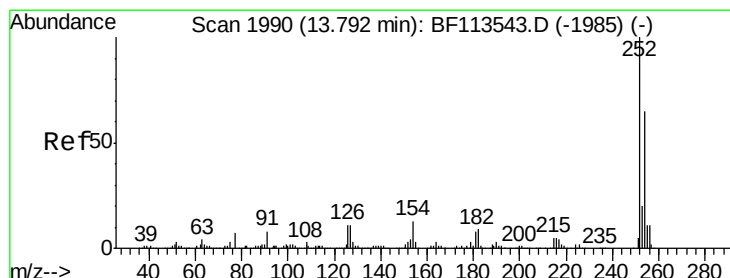
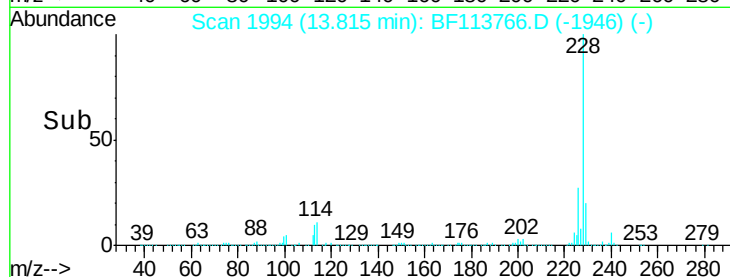
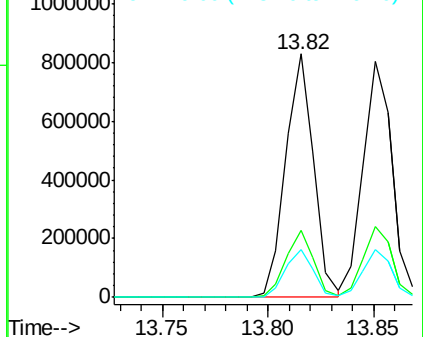
229 19.8 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 14.142 ng

RT: 13.78 min Scan# 1988

Delta R.T. -0.01 min

Lab File: BF113766.D

Acq: 15 Apr 2019 16:40

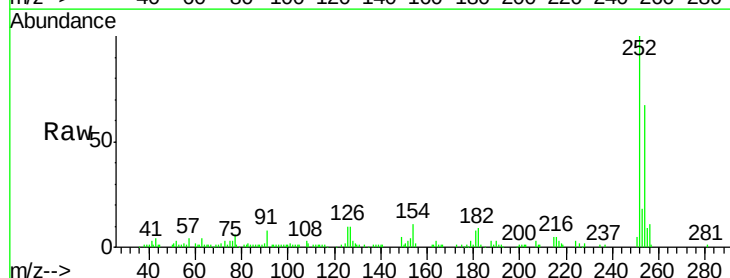
Tgt Ion:252 Resp: 83046

Ion Ratio Lower Upper

252 100

254 67.1 52.2 78.2

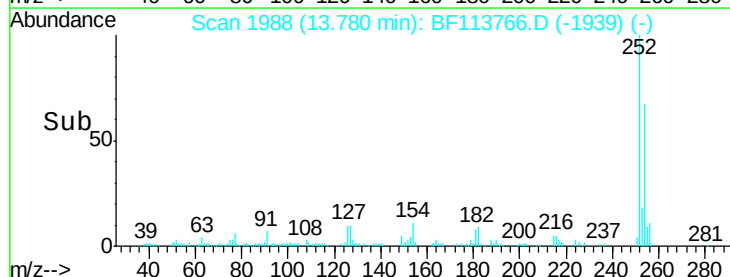
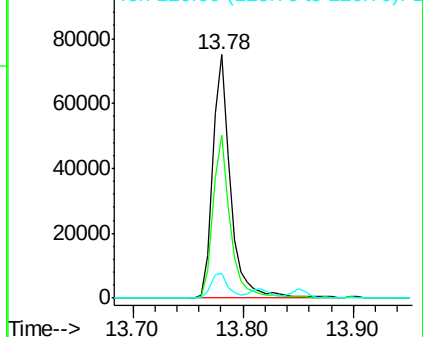
126 9.9 8.5 12.7

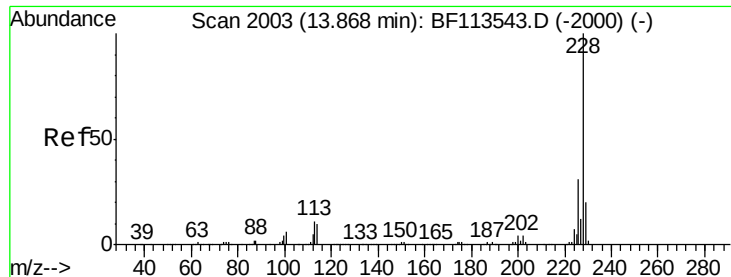


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

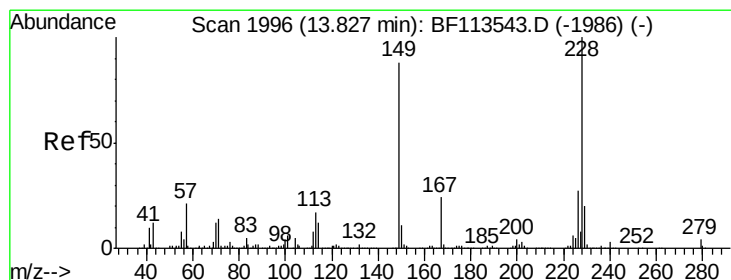
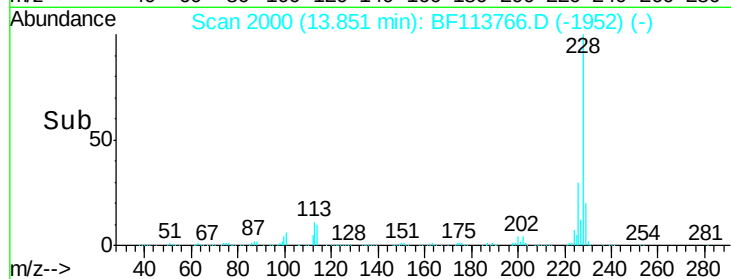
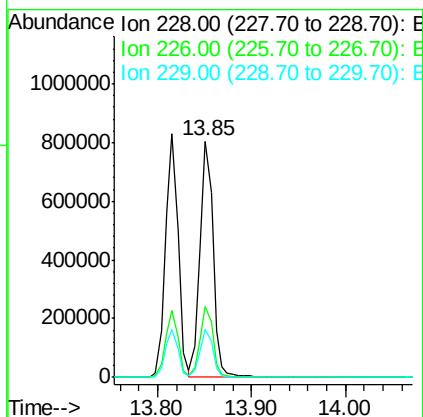
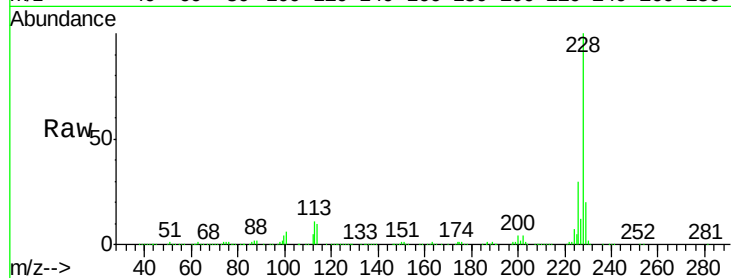




#83
Chrysene
Concen: 50.721 ng
RT: 13.85 min Scan# 2000
Delta R.T. -0.02 min
Lab File: BF113766.D
Acq: 15 Apr 2019 16:40

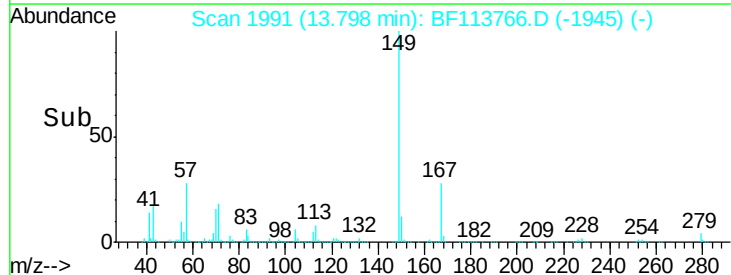
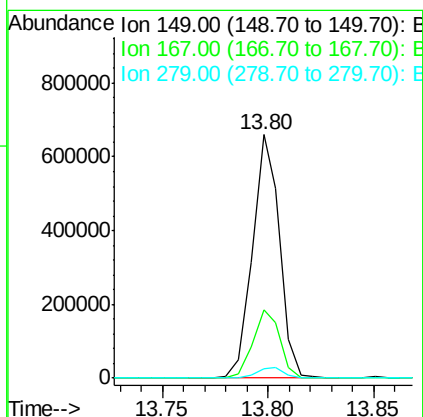
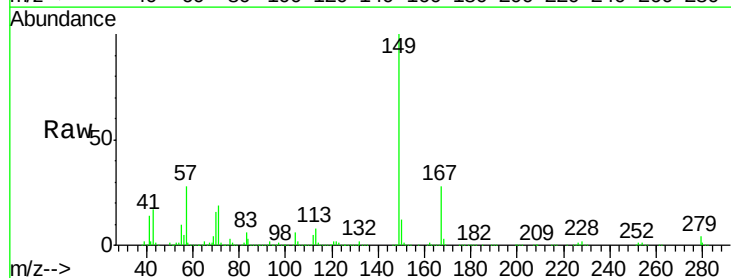
Instrument :
BNA_F
ClientSampled :

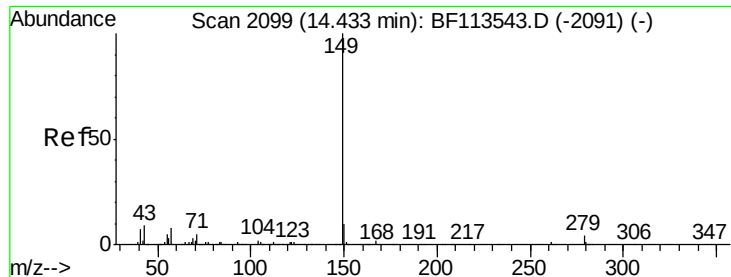
Tot Ion:228 Resp: 783876
Ion Ratio Lower Upper
228 100
226 30.1 24.3 36.5
229 20.1 16.3 24.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 59.300 ng
RT: 13.80 min Scan# 1991
Delta R.T. -0.03 min
Lab File: BF113766.D
Acq: 15 Apr 2019 16:40

Tgt Ion:149 Resp: 586891
Ion Ratio Lower Upper
149 100
167 27.8 21.8 32.8
279 3.9 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 55.772 ng

RT: 14.41 min Scan# 2095

Delta R.T. -0.02 min

Lab File: BF113766.D

Acq: 15 Apr 2019 16:40

Instrument :

BNA_F

ClientSampleId :

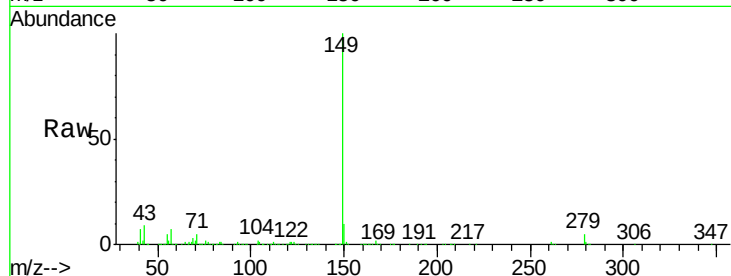
Tot Ion:149 Resp: 897227

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

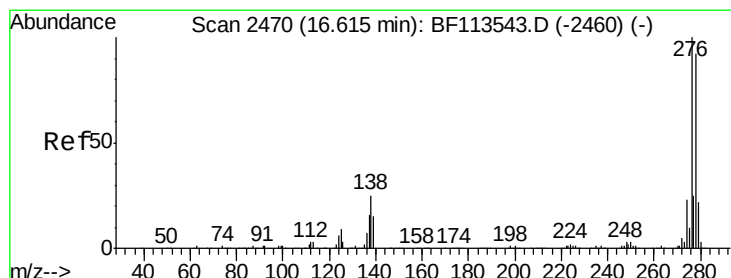
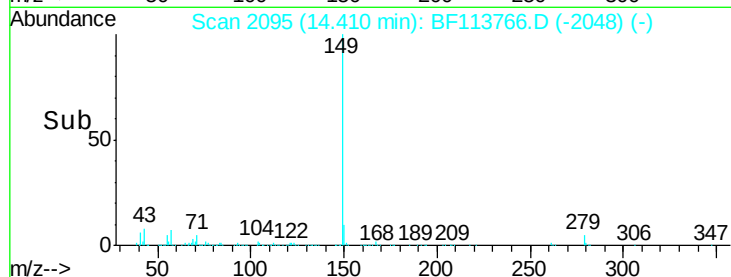
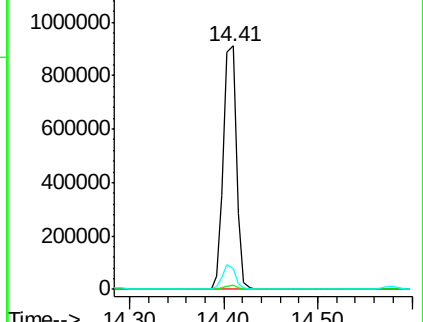
43 9.4 7.7 11.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 66.478 ng

RT: 16.61 min Scan# 2469

Delta R.T. -0.01 min

Lab File: BF113766.D

Acq: 15 Apr 2019 16:40

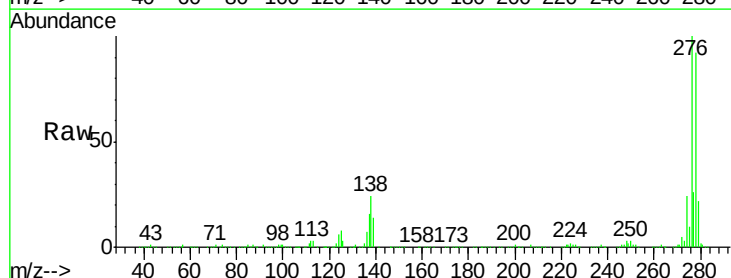
Tgt Ion:276 Resp: 948577

Ion Ratio Lower Upper

276 100

138 23.2 18.1 27.1

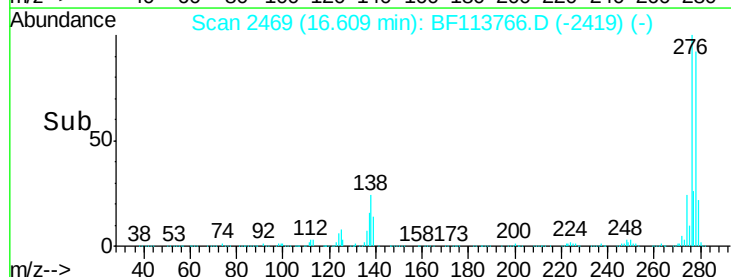
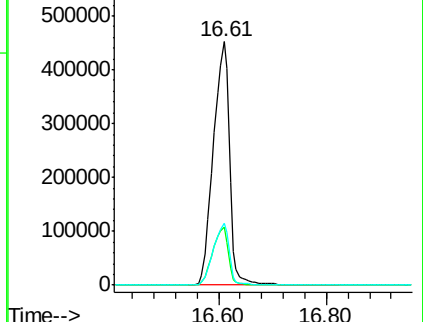
277 25.1 20.2 30.4

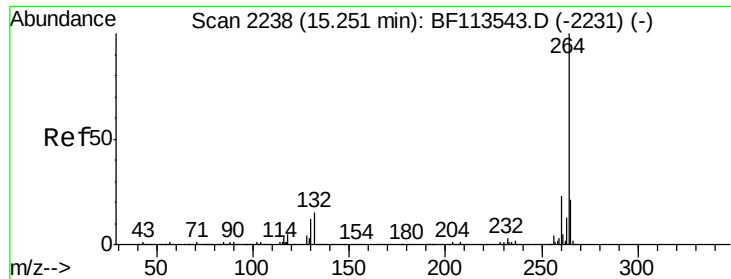


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.23 min Scan# 2235

Delta R.T. -0.02 min

Lab File: BF113766.D

Acq: 15 Apr 2019 16:40

Instrument :

BNA_F

ClientSampled :

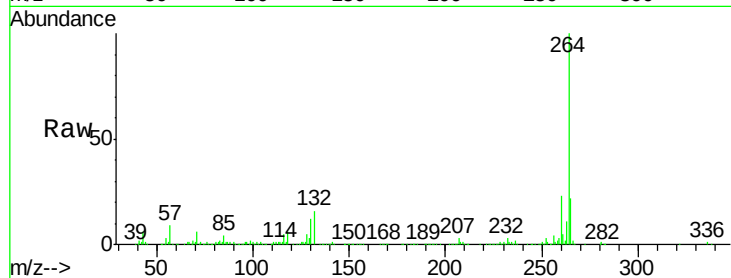
Tot Ion:264 Resp: 280546

Ion Ratio Lower Upper

264 100

260 22.9 19.1 28.7

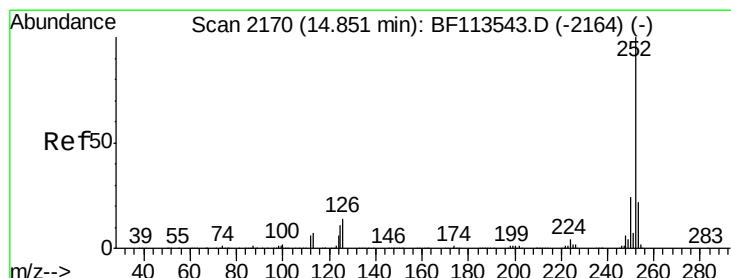
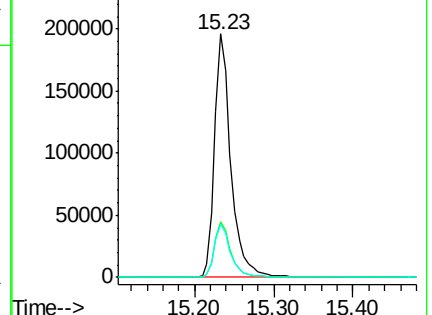
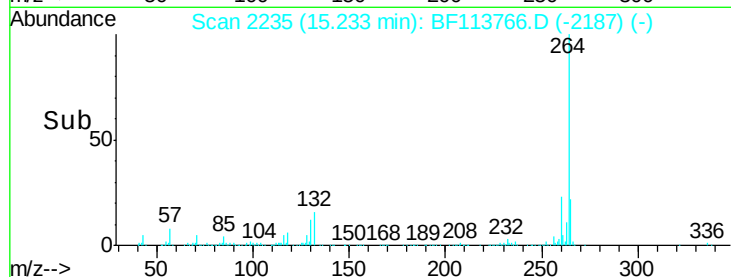
265 21.8 17.1 25.7



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 42.960 ng

RT: 14.84 min Scan# 2168

Delta R.T. -0.01 min

Lab File: BF113766.D

Acq: 15 Apr 2019 16:40

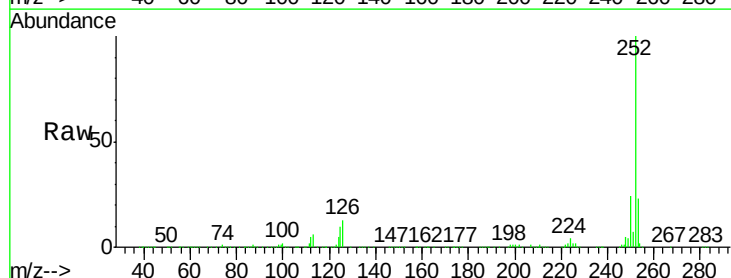
Tgt Ion:252 Resp: 737741

Ion Ratio Lower Upper

252 100

253 22.6 18.0 27.0

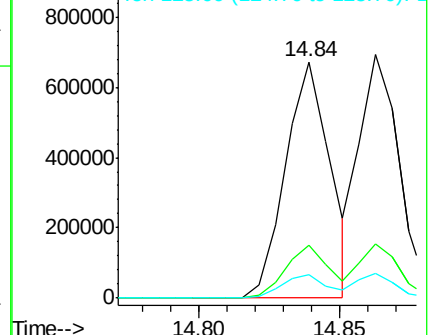
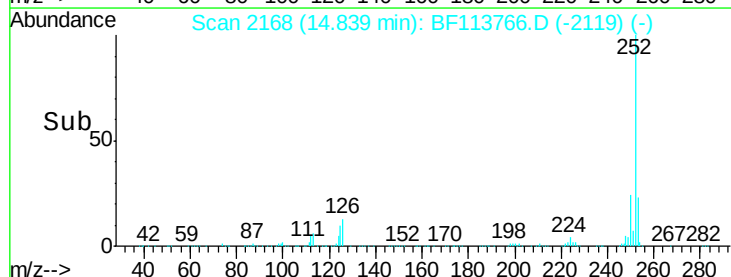
125 10.1 7.6 11.4

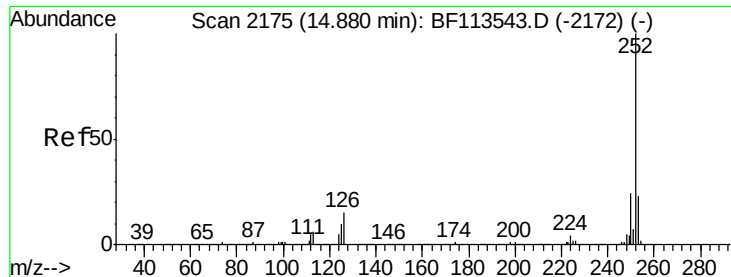


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

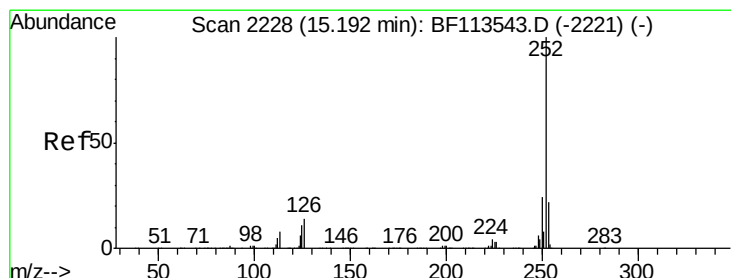
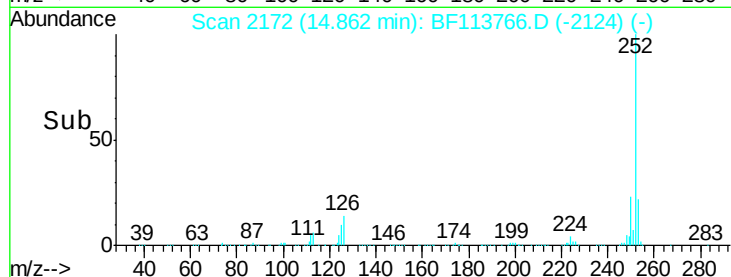
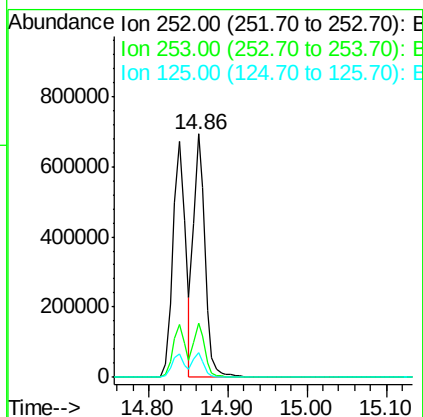
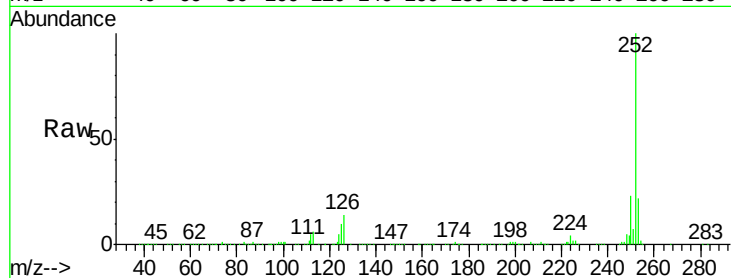




#89
Benzo(k)fluoranthene
Concen: 45.771 ng
RT: 14.86 min Scan# 2172
Delta R.T. -0.02 min
Lab File: BF113766.D
Acq: 15 Apr 2019 16:40

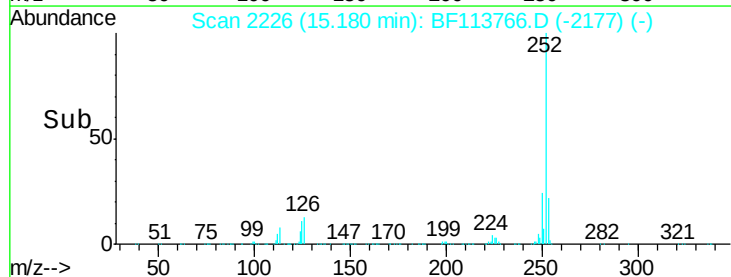
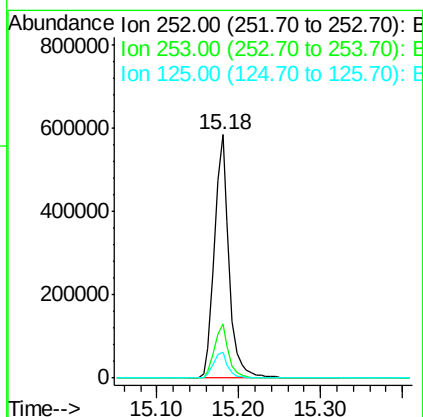
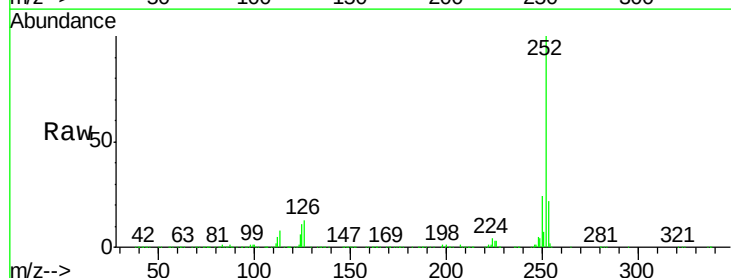
Instrument :
BNA_F
ClientSampleId :

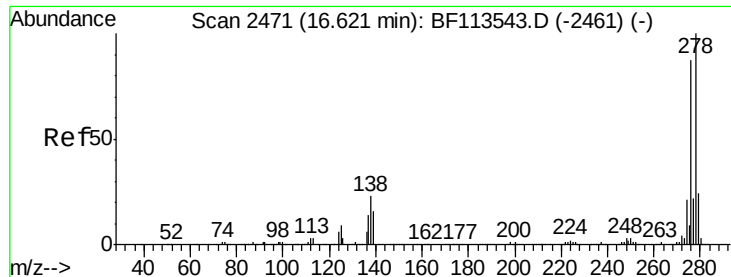
Tot Ion:252 Resp: 705441
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 10.2 7.3 10.9



#90
Benzo(a)pyrene
Concen: 47.941 ng
RT: 15.18 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BF113766.D
Acq: 15 Apr 2019 16:40

Tgt Ion:252 Resp: 731573
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 10.7 8.8 13.2



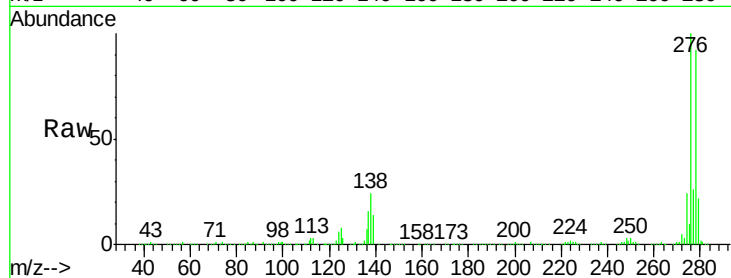


#91
Dibenzo(a,h)anthracene
Concen: 55.765 ng
RT: 16.61 min Scan# 2469
Delta R.T. -0.01 min
Lab File: BF113766.D
Acq: 15 Apr 2019 16:40

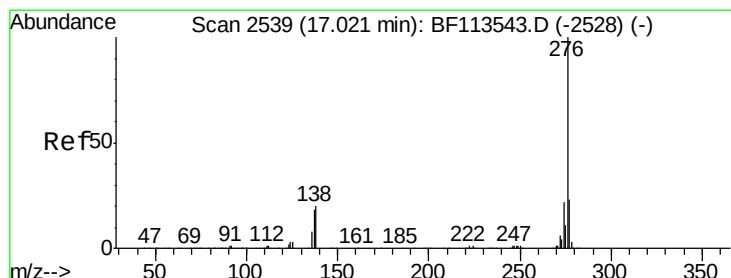
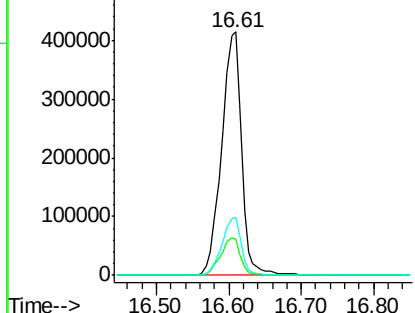
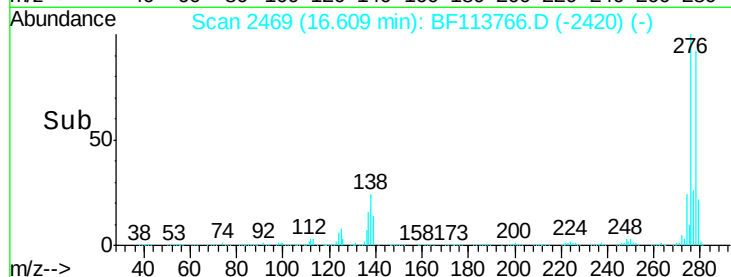
Instrument :
BNA_F
ClientSampled :

Tot Ion:278 Resp: 795775

Ion	Ratio	Lower	Upper
278	100		
139	15.1	12.0	18.0
279	23.6	19.0	28.6



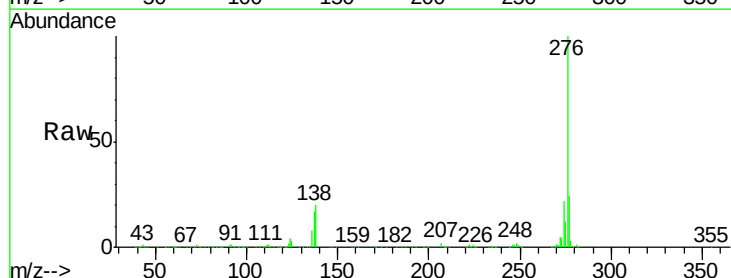
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 57.995 ng
RT: 17.01 min Scan# 2537
Delta R.T. -0.01 min
Lab File: BF113766.D
Acq: 15 Apr 2019 16:40

Tgt Ion:276 Resp: 844725

Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.8	28.2
138	20.0	15.6	23.4



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

