

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040119\
 Data File : BF113459.D
 Acq On : 1 Apr 2019 11:40
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 01 18:01:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 01 14:33:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	155244	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	640091	20.00	ng	0.00
39) Acenaphthene-d10	9.75	164	331961	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	689953	20.00	ng	0.00
76) Chrysene-d12	13.85	240	496323	20.00	ng	0.00
87) Perylene-d12	15.26	264	416384	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	756836	79.71	ng	0.00
7) Phenol-d6	6.36	99	949898	79.09	ng	0.00
23) Nitrobenzene-d5	7.28	82	896487	83.13	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	346535	84.51	ng	0.00
45) 2-Fluorobiphenyl	9.07	172	1669543	77.21	ng	0.00
79) Terphenyl-d14	12.80	244	1968885	87.44	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.35	88	170994	35.497	ng	100
3) Pyridine	3.06	79	480384	40.452	ng	100
4) n-Nitrosodimethylamine	3.00	42	194387	36.821	ng	100
6) Aniline	6.37	93	596078	40.753	ng	100
8) 2-Chlorophenol	6.50	128	447157	40.557	ng	100
9) Benzaldehyde	6.26	77	303645	37.674	ng	100
10) Phenol	6.37	94	536915	39.156	ng	100
11) bis(2-Chloroethyl)ether	6.45	93	429187	40.833	ng	100
12) 1,3-Dichlorobenzene	6.65	146	473440	39.836	ng	100
13) 1,4-Dichlorobenzene	6.73	146	479922	41.823	ng	100
14) 1,2-Dichlorobenzene	6.89	146	441835	39.138	ng	100
15) Benzyl Alcohol	6.86	79	337913	42.646	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.99	45	674855	42.739	ng	100
17) 2-Methylphenol	6.98	107	351267	40.654	ng	100
18) Hexachloroethane	7.22	117	172093	41.755	ng	100
19) n-Nitroso-di-n-propylamine	7.13	70	304525	40.364	ng	100
20) 3+4-Methylphenols	7.13	107	434811	43.574	ng	100
22) Acetophenone	7.13	105	590289	40.438	ng	100
24) Nitrobenzene	7.30	77	469518	41.722	ng	100
25) Isophorone	7.54	82	881205	42.164	ng	100
26) 2-Nitrophenol	7.62	139	253077	42.546	ng	100
27) 2,4-Dimethylphenol	7.66	122	361472	42.244	ng	100
28) bis(2-Chloroethoxy)methane	7.75	93	568019	43.159	ng	100
29) 2,4-Dichlorophenol	7.86	162	397066	42.821	ng	100
30) 1,2,4-Trichlorobenzene	7.94	180	413338	41.316	ng	100
31) Naphthalene	8.02	128	1273049	40.699	ng	100
32) Benzoic acid	7.81	122	211528	30.711	ng	100
33) 4-Chloroaniline	8.07	127	551064	45.179	ng	100
34) Hexachlorobutadiene	8.14	225	249473	41.956	ng	100
35) Caprolactam	8.46	113	139084	46.735	ng	100
36) 4-Chloro-3-methylphenol	8.56	107	416016	44.606	ng	100
37) 2-Methylnaphthalene	8.70	142	864199	44.278	ng	100
38) 1-Methylnaphthalene	8.80	142	832579	44.350	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	424700	39.856	ng	100

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 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 01 18:01:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 01 14:33:20 2019
 Response via : Initial Calibration

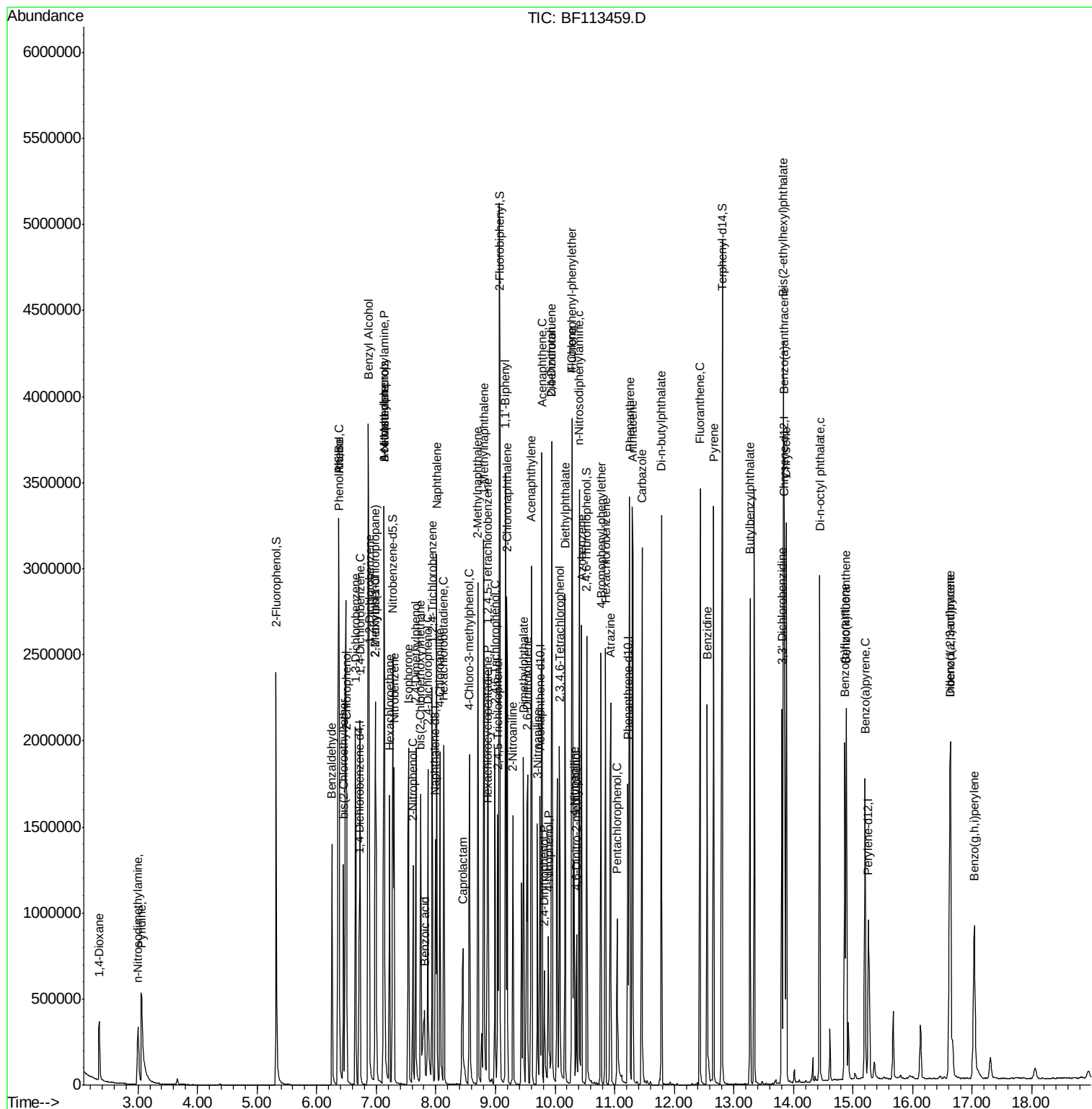
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41) Hexachlorocyclopentadiene	8.86	237	156222	34.636	ng	100
43) 2,4,6-Trichlorophenol	8.99	196	275824	39.749	ng	100
44) 2,4,5-Trichlorophenol	9.04	196	301938	39.318	ng	100
46) 1,1'-Biphenyl	9.17	154	1092705	39.412	ng	100
47) 2-Chloronaphthalene	9.19	162	829635	38.864	ng	100
48) 2-Nitroaniline	9.29	65	276010	41.201	ng	100
49) Acenaphthylene	9.61	152	1376166	39.870	ng	100
50) Dimethylphthalate	9.47	163	1042913	42.393	ng	100
51) 2,6-Dinitrotoluene	9.54	165	231711	41.750	ng	100
52) Acenaphthene	9.78	154	782130	40.237	ng	100
53) 3-Nitroaniline	9.70	138	273495	43.698	ng	100
54) 2,4-Dinitrophenol	9.82	184	118138	42.799	ng	100
55) Dibenzofuran	9.95	168	1164444	39.849	ng	100
56) 4-Nitrophenol	9.89	139	191121	42.832	ng	100
57) 2,4-Dinitrotoluene	9.95	165	282312	40.000	ng	100
58) Fluorene	10.29	166	925075	40.751	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.07	232	279543	43.046	ng	100
60) Diethylphthalate	10.17	149	1021295	42.319	ng	100
61) 4-Chlorophenyl-phenylether	10.28	204	467163	42.224	ng	100
62) 4-Nitroaniline	10.32	138	282519	43.843	ng	100
63) Azobenzene	10.45	77	956563	42.107	ng	100
65) 4,6-Dinitro-2-methylphenol	10.36	198	127184	33.697	ng	100
66) n-Nitrosodiphenylamine	10.40	169	857003	40.479	ng	100
67) 4-Bromophenyl-phenylether	10.77	248	314962	41.884	ng	100
68) Hexachlorobenzene	10.84	284	367320	42.082	ng	100
69) Atrazine	10.93	200	281186	42.078	ng	100
70) Pentachlorophenol	11.04	266	180734	39.742	ng	100
71) Phenanthrene	11.25	178	1384103	40.396	ng	100
72) Anthracene	11.30	178	1436982	41.290	ng	100
73) Carbazole	11.46	167	1380830	41.580	ng	100
74) Di-n-butylphthalate	11.79	149	1671046	43.392	ng	100
75) Fluoranthene	12.43	202	1516032	39.140	ng	100
77) Benzidine	12.55	184	965991	50.824	ng	100
78) Pyrene	12.66	202	1518960	44.164	ng	100
80) Butylbenzylphthalate	13.27	149	686891	45.317	ng	100
81) Benzo(a)anthracene	13.84	228	1152846	40.578	ng	100
82) 3,3'-Dichlorobenzidine	13.80	252	489683	42.965	ng	100
83) Chrysene	13.88	228	1169387	40.523	ng	100
84) Bis(2-ethylhexyl)phthalate	13.83	149	883937	47.570	ng	100
85) Di-n-octyl phthalate	14.44	149	1409535	44.689	ng	100
86) Indeno(1,2,3-cd)pyrene	16.63	276	1026639	41.454	ng	100
88) Benzo(b)fluoranthene	14.86	252	1040471	40.226	ng	100
89) Benzo(k)fluoranthene	14.89	252	939675	41.368	ng	100
90) Benzo(a)pyrene	15.20	252	919764	40.110	ng	100
91) Dibenzo(a,h)anthracene	16.63	278	855650	43.155	ng	100
92) Benzo(g,h,i)perylene	17.03	276	840084	42.022	ng	100

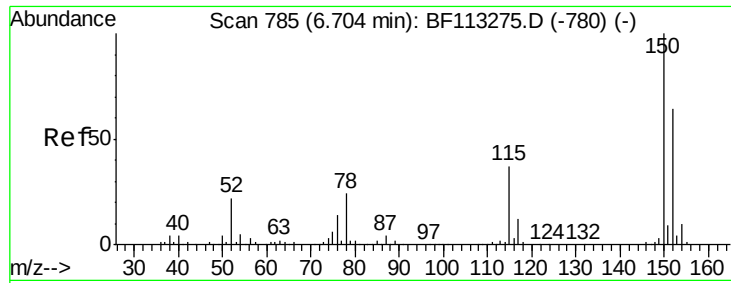
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample    : SSTDCCC040  
Misc      :  
ALS Vial  : 2      Sample Multiplier: 1
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Instrument :
BNA_F
ClientSampleId :

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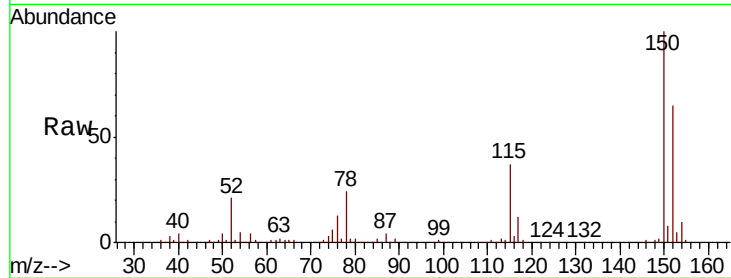


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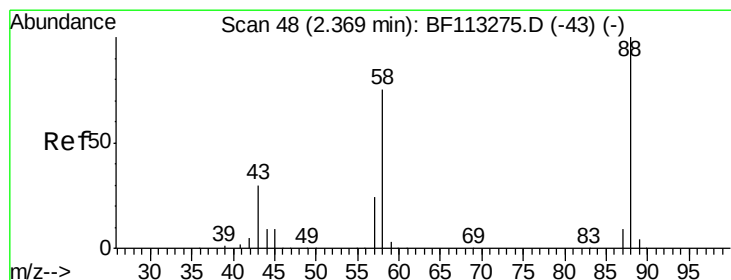
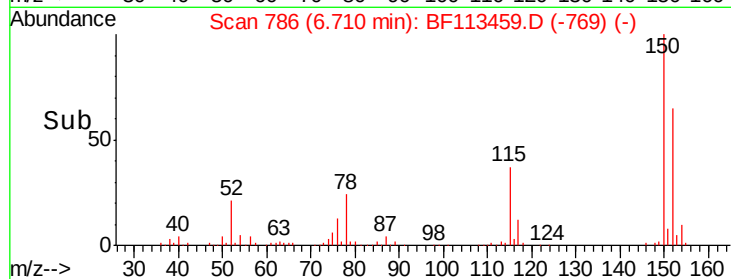
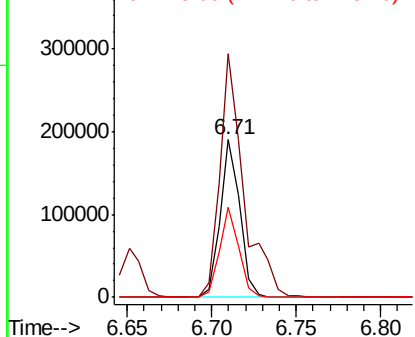
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF113459.D
Acq: 1 Apr 2019 11:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 155244
Ion Ratio Lower Upper
152 100
150 154.5 123.6 185.4
115 57.2 45.8 68.6



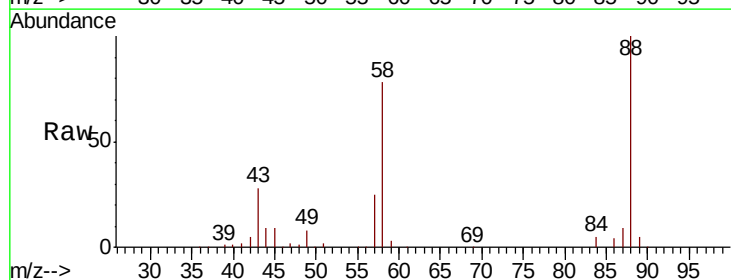
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



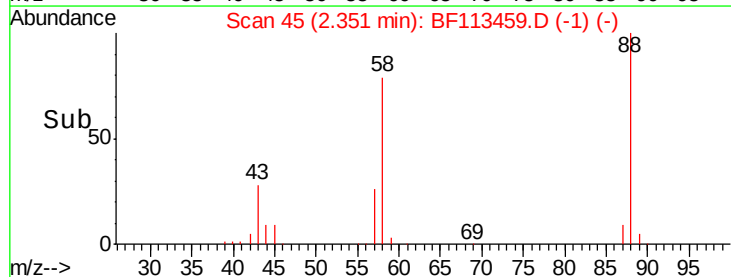
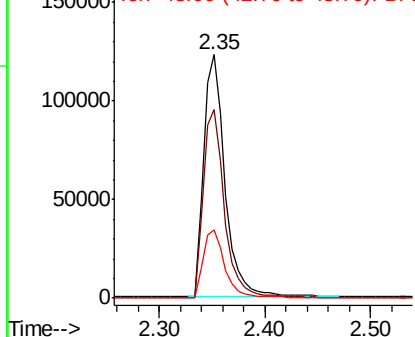
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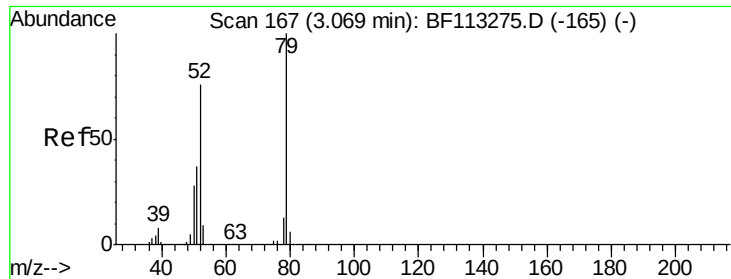
1,4-Dioxane
Concen: 35.497 ng
RT: 2.35 min Scan# 45
Delta R.T. 0.00 min
Lab File: BF113459.D
Acq: 1 Apr 2019 11:40

Tgt Ion: 88 Resp: 170994
Ion Ratio Lower Upper
88 100
58 78.4 62.7 94.1
43 29.0 23.2 34.8



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

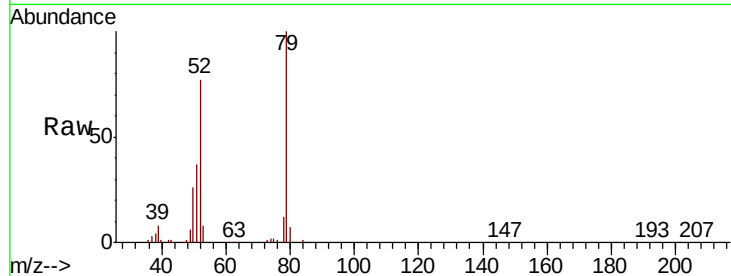




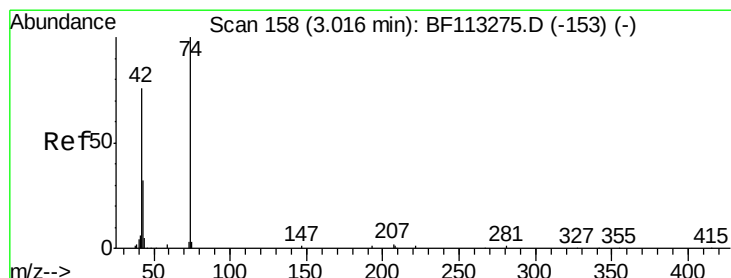
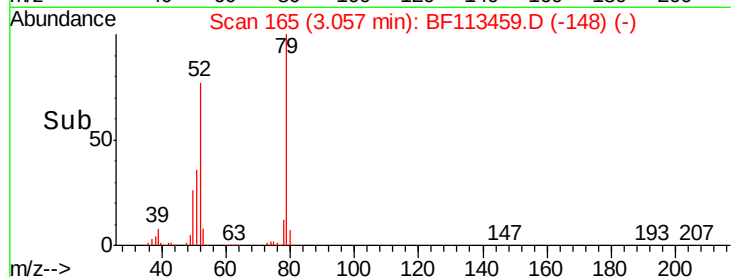
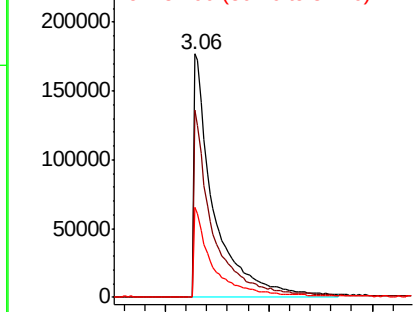
#3
 Pvridine
 Concen: 40.452 ng
 RT: 3.06 min Scan# 165
 Delta R.T. 0.00 min
 Lab File: BF113459.D
 Acq: 1 Apr 2019 11:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 79 Resp: 480384
 Ion Ratio Lower Upper
 79 100
 52 76.8 61.4 92.2
 51 36.8 29.4 44.2

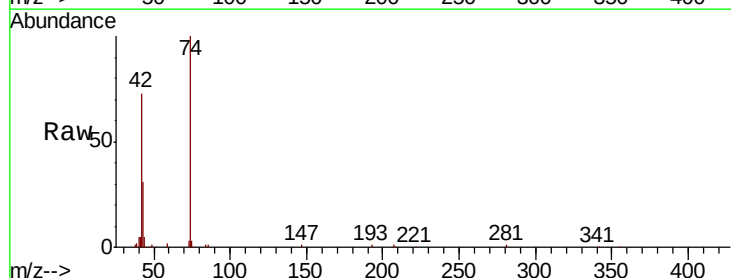


Abundance Ion 79.00 (78.70 to 79.70): BF1
 Ion 52.00 (51.70 to 52.70): BF1
 Ion 51.00 (50.70 to 51.70): BF1

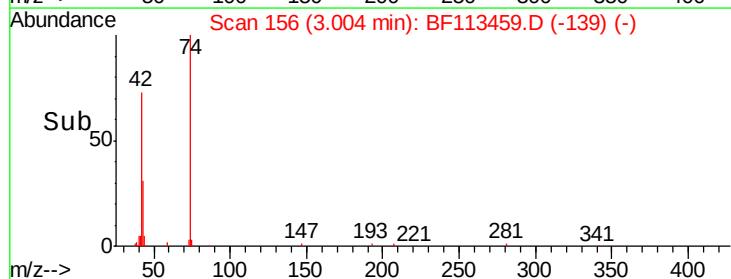
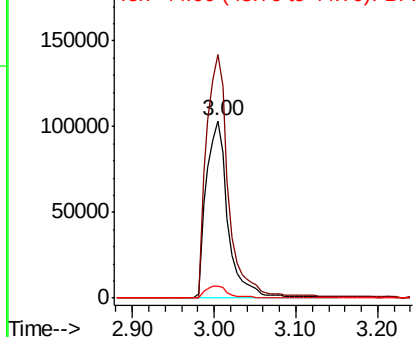


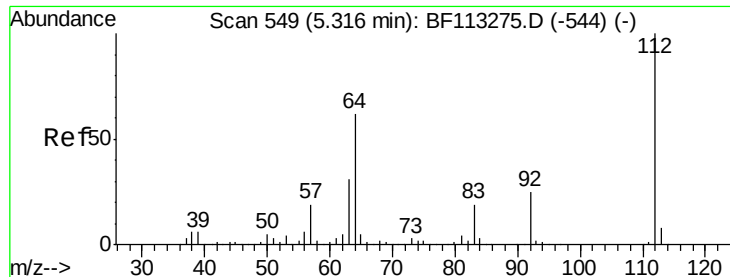
#4
 n-Nitrosodimethylamine
 Concen: 36.821 ng
 RT: 3.00 min Scan# 156
 Delta R.T. 0.00 min
 Lab File: BF113459.D
 Acq: 1 Apr 2019 11:40

Tgt Ion: 42 Resp: 194387
 Ion Ratio Lower Upper
 42 100
 74 137.1 109.7 164.5
 44 6.7 5.4 8.0



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





#5

2-Fluorophenol

Concen: 79.714 ng

RT: 5.32 min Scan# 550

Delta R.T. 0.00 min

Lab File: BF113459.D

Acq: 1 Apr 2019 11:40

Instrument :

BNA_F

ClientSampled :

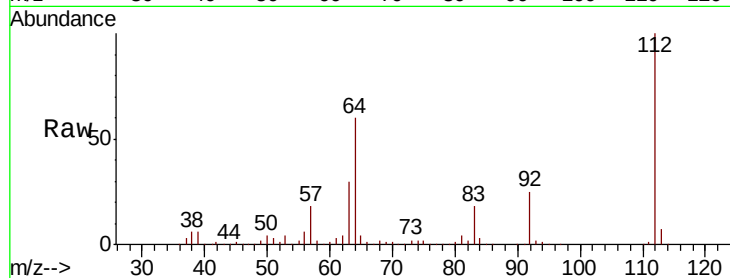
Tot Ion:112 Resp: 756836

Ion Ratio Lower Upper

112 100

64 59.6 47.7 71.5

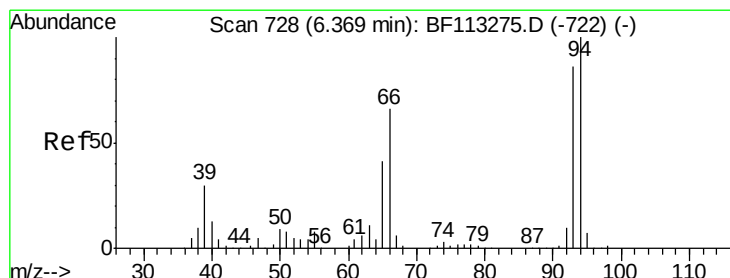
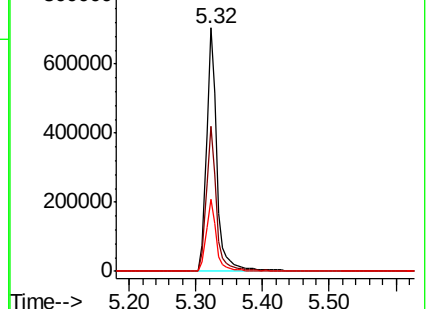
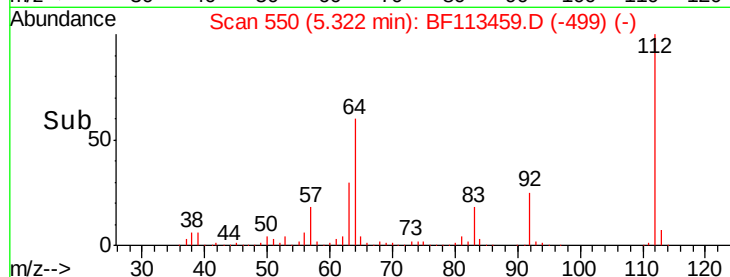
63 29.7 23.8 35.6



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: 40.753 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF113459.D

Acq: 1 Apr 2019 11:40

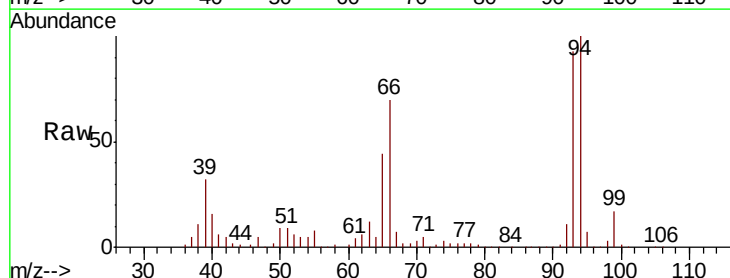
Tgt Ion: 93 Resp: 596078

Ion Ratio Lower Upper

93 100

66 74.7 59.8 89.6

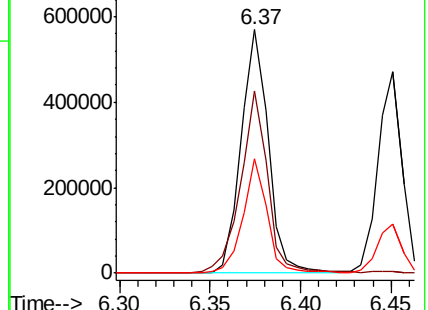
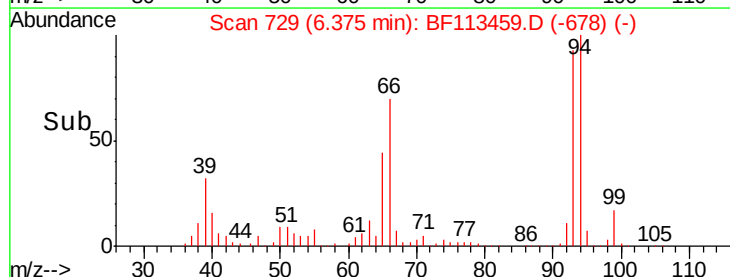
65 46.8 37.4 56.2

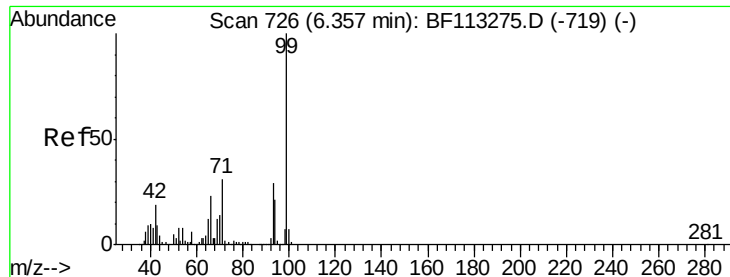


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 79.087 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF113459.D

Acq: 1 Apr 2019 11:40

Instrument :

BNA_F

ClientSampled :

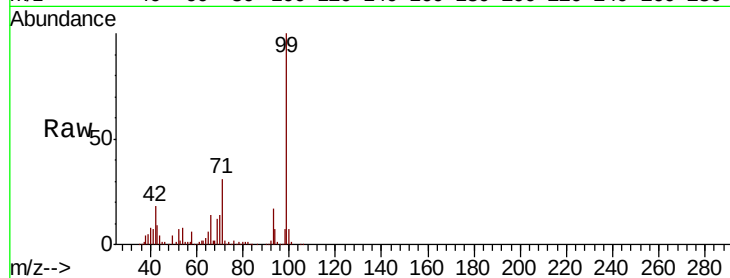
Tot Ion: 99 Resp: 949898

Ion Ratio Lower Upper

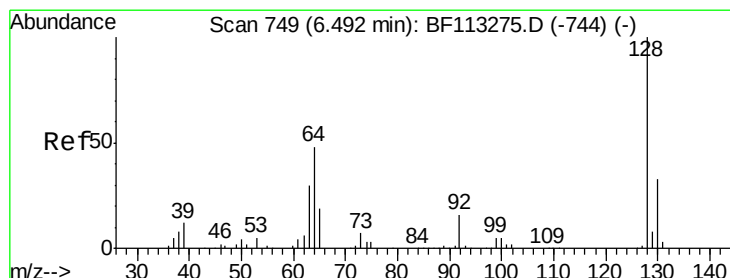
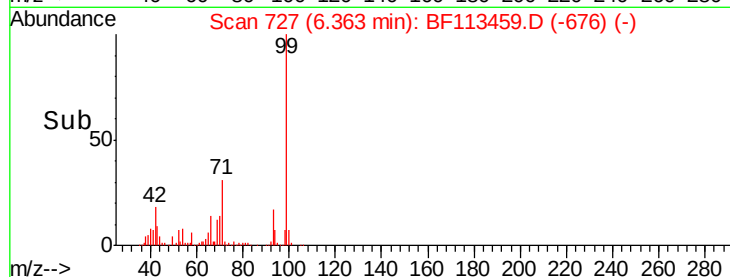
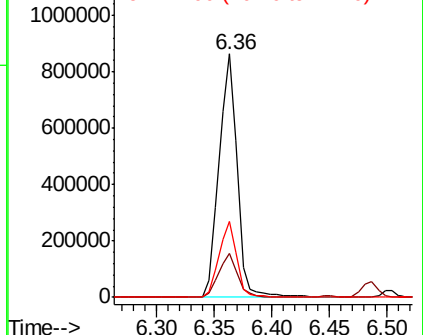
99 100

42 18.0 14.4 21.6

71 31.3 25.0 37.6



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: 40.557 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF113459.D

Acq: 1 Apr 2019 11:40

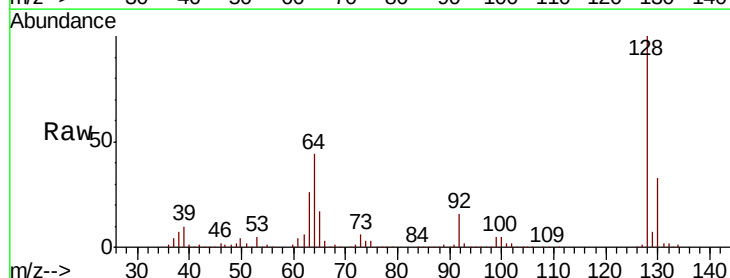
Tgt Ion: 128 Resp: 447157

Ion Ratio Lower Upper

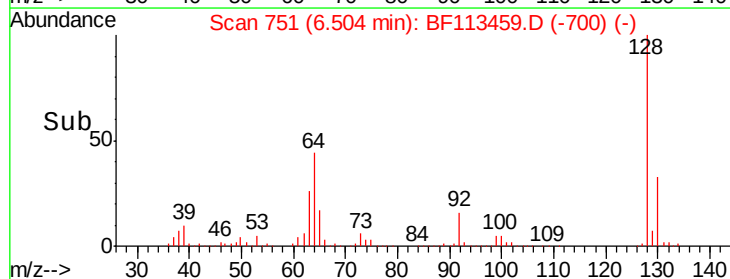
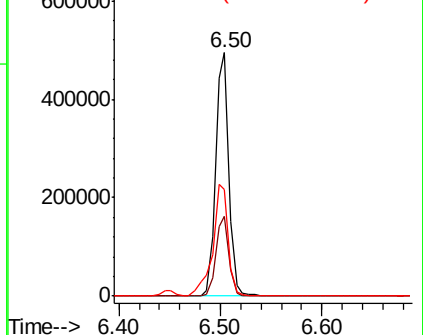
128 100

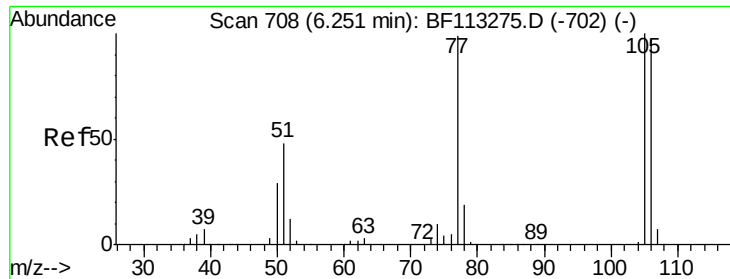
130 33.0 13.0 53.0

64 43.6 23.6 63.6



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

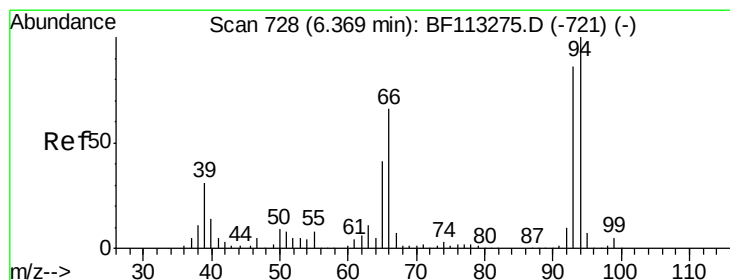
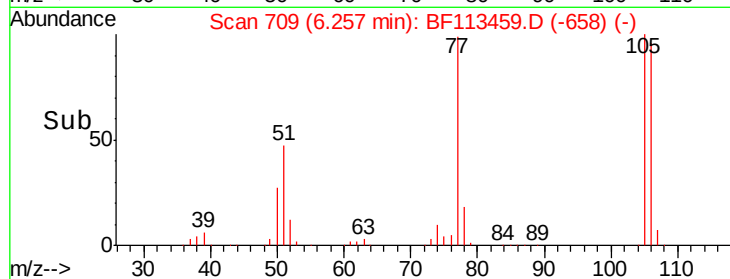
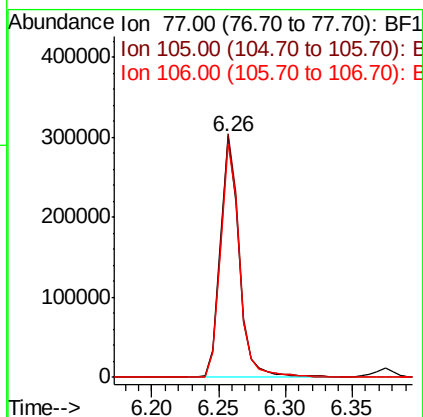
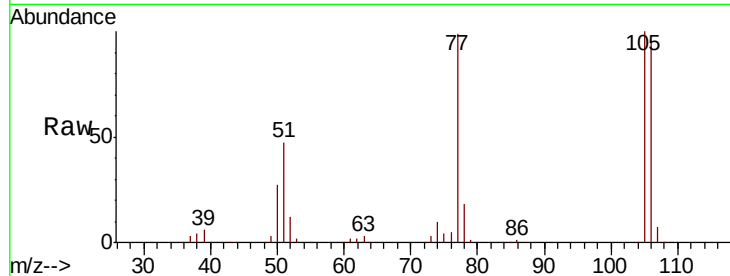




#9
Benzaldehyde
Concen: 37.674 ng
RT: 6.26 min Scan# 709
Delta R.T. 0.00 min
Lab File: BF113459.D
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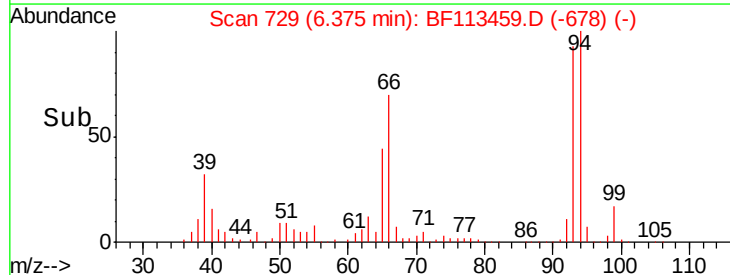
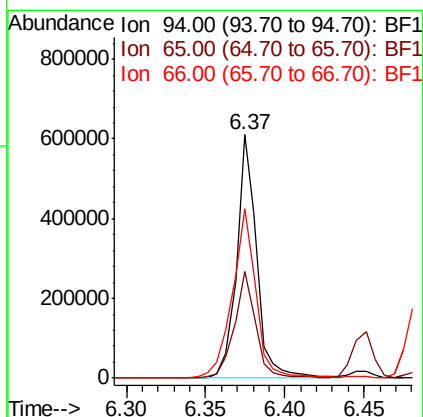
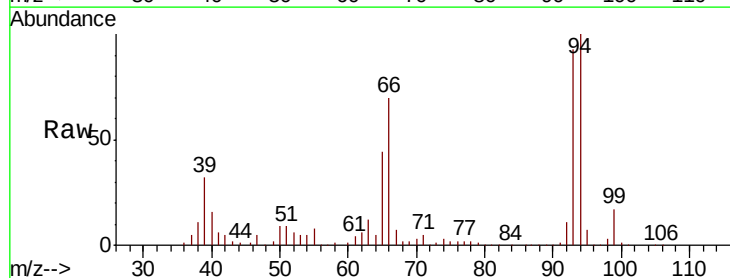
Instrument :
BNA_F
ClientSampled :

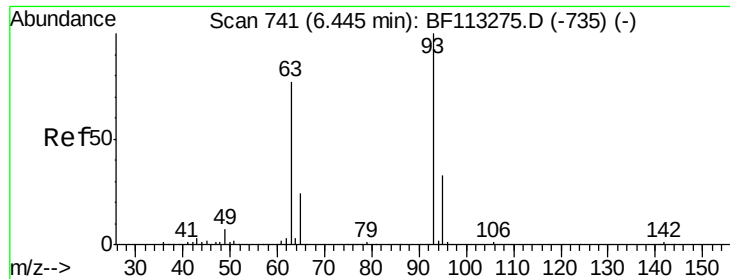
Tot Ion: 77 Resp: 303645
Ion Ratio Lower Upper
77 100
105 101.1 81.1 121.1
106 96.9 76.9 116.9



#10
Phenol
Concen: 39.156 ng
RT: 6.37 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF113459.D
Acq: 1 Apr 2019 11:40

Tgt Ion: 94 Resp: 536915
Ion Ratio Lower Upper
94 100
65 43.7 23.7 63.7
66 69.7 49.7 89.7

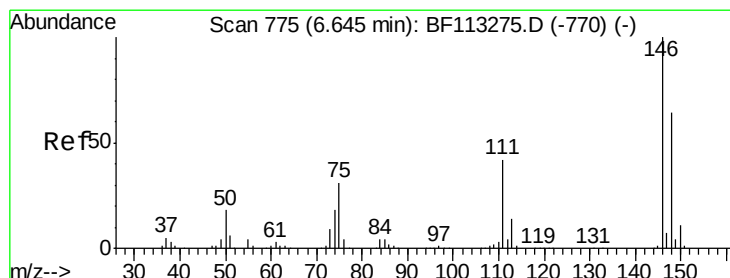
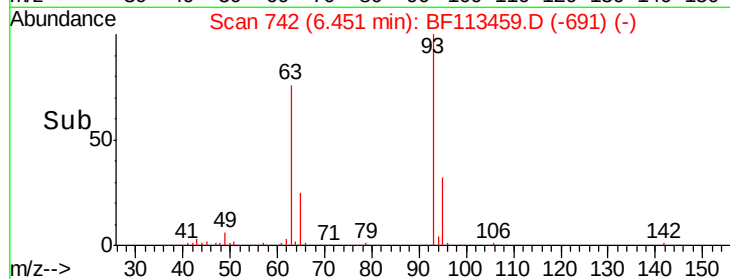
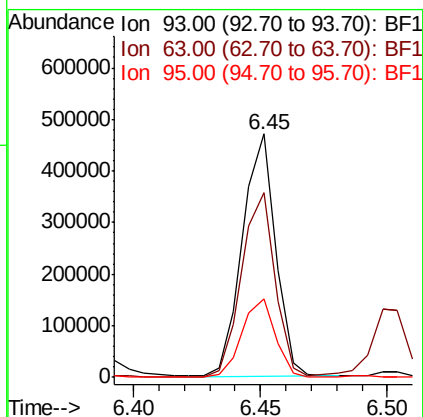
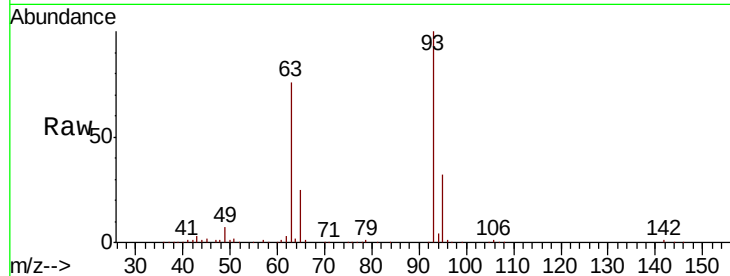




#11
 bis(2-Chloroethyl)ether
 Concen: 40.833 ng
 RT: 6.45 min Scan# 742
 Delta R.T. 0.00 min
 Lab File: BF113459.D
 Acq: 1 Apr 2019 11:40

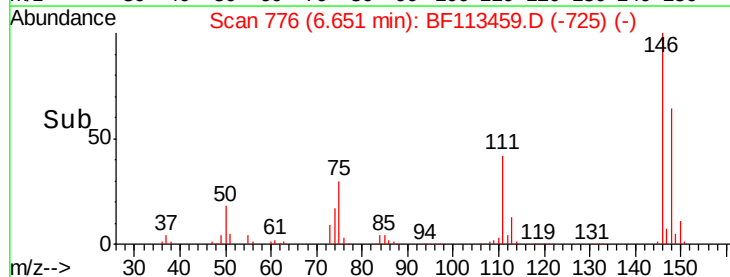
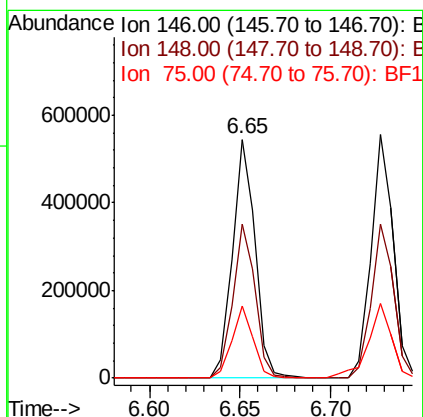
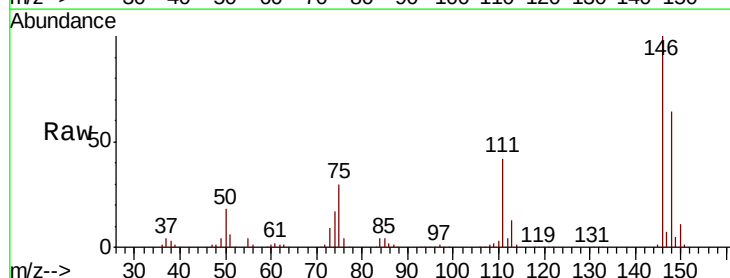
Instrument :
 BNA_F
 ClientSampleId :

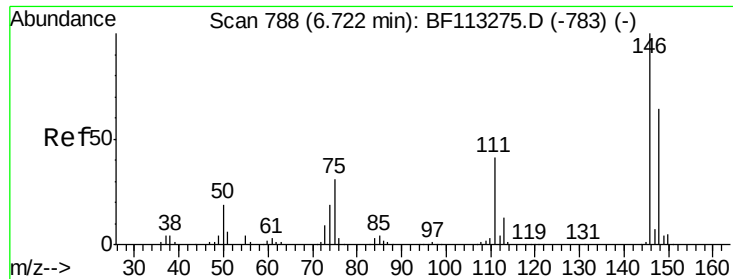
Tot Ion: 93 Resp: 429187
 Ion Ratio Lower Upper
 93 100
 63 75.7 55.7 95.7
 95 32.4 12.4 52.4



#12
 1,3-Dichlorobenzene
 Concen: 39.836 ng
 RT: 6.65 min Scan# 776
 Delta R.T. 0.00 min
 Lab File: BF113459.D
 Acq: 1 Apr 2019 11:40

Tgt Ion: 146 Resp: 473440
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.4 77.2
 75 30.0 24.0 36.0

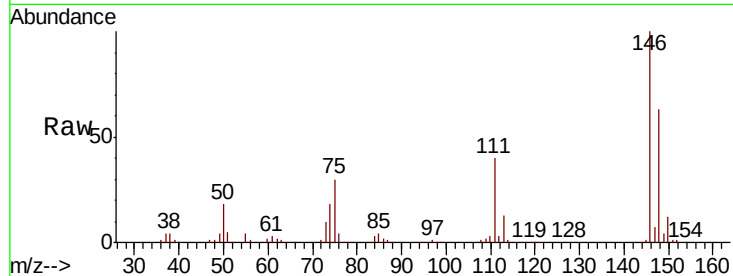




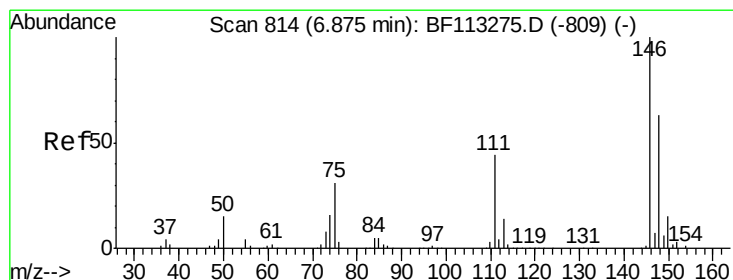
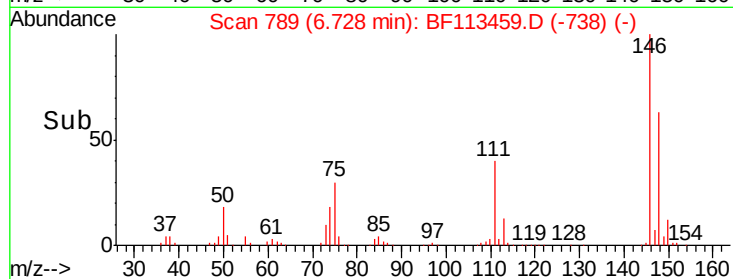
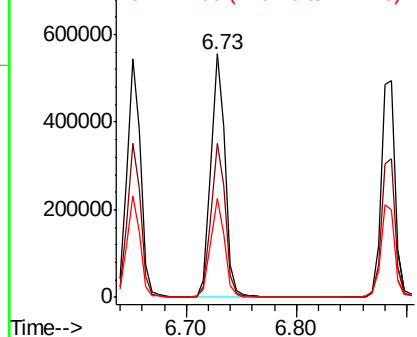
#13
 1,4-Dichlorobenzene
 Concen: 41.823 ng
 RT: 6.73 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF113459.D
 Acq: 1 Apr 2019 11:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 479922
 Ion Ratio Lower Upper
 146 100
 148 63.0 50.4 75.6
 111 40.5 32.4 48.6

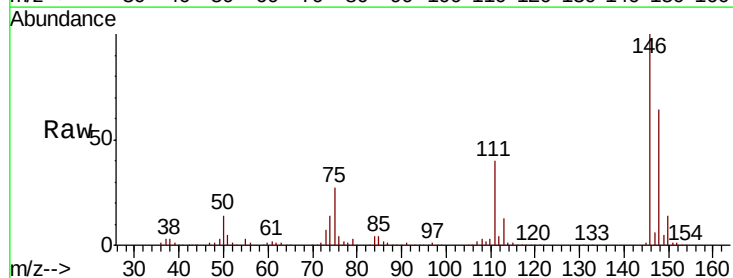


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

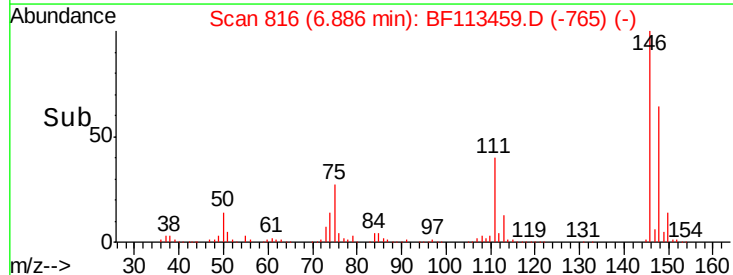
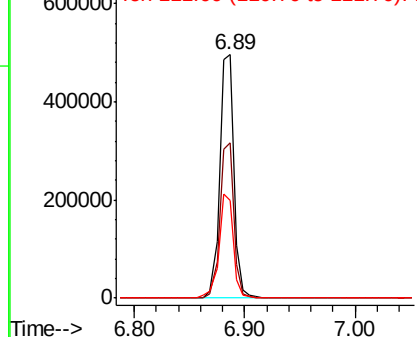


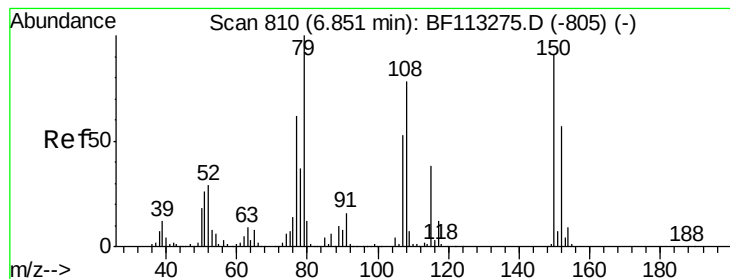
#14
 1,2-Dichlorobenzene
 Concen: 39.138 ng
 RT: 6.89 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF113459.D
 Acq: 1 Apr 2019 11:40

Tgt Ion:146 Resp: 441835
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.0 76.6
 111 40.3 32.2 48.4



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.646 ng

RT: 6.86 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF113459.D

Acq: 1 Apr 2019 11:40

Instrument :

BNA_F

ClientSampleId :

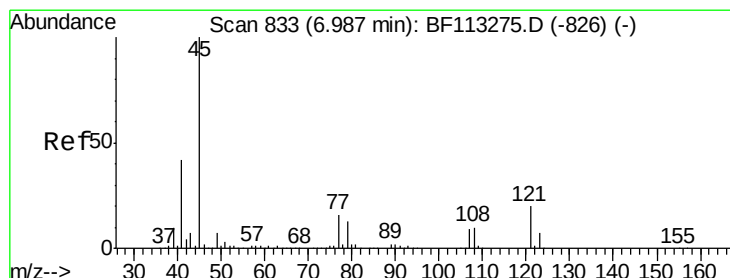
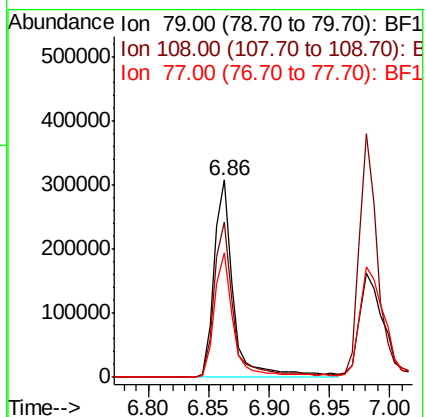
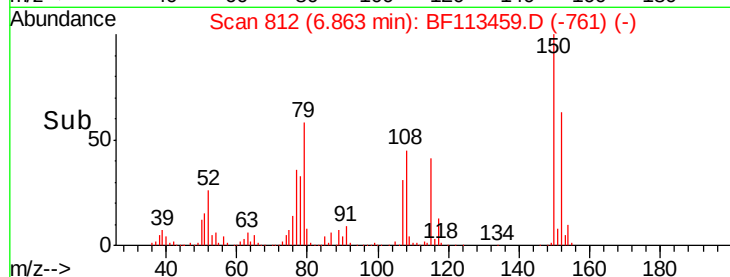
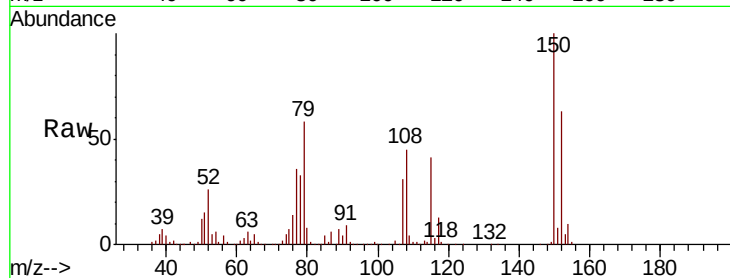
Tot Ion: 79 Resp: 337913

Ion Ratio Lower Upper

79 100

108 78.5 62.8 94.2

77 63.1 50.5 75.7



#16

2,2'-oxybis(1-chloropropane)

Concen: 42.739 ng

RT: 6.99 min Scan# 834

Delta R.T. 0.00 min

Lab File: BF113459.D

Acq: 1 Apr 2019 11:40

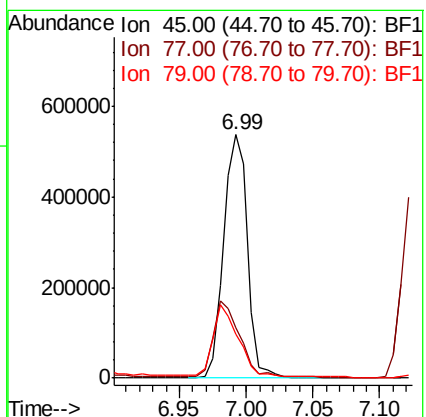
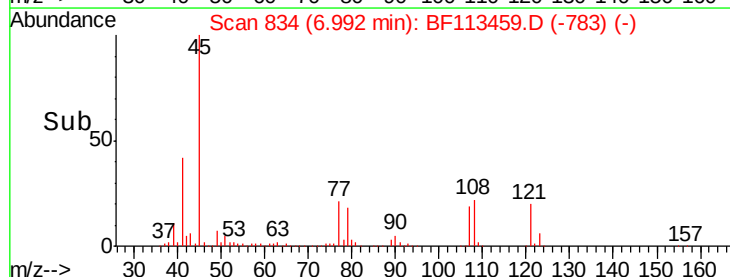
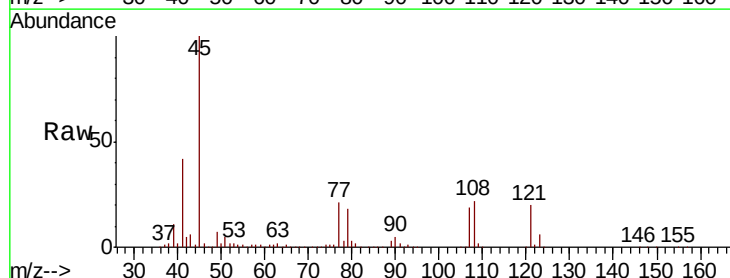
Tgt Ion: 45 Resp: 674855

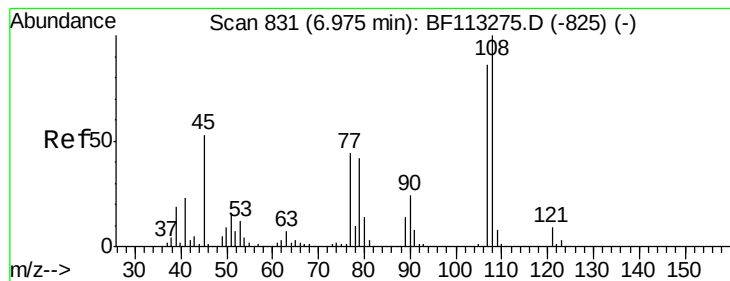
Ion Ratio Lower Upper

45 100

77 20.8 0.8 40.8

79 18.0 0.0 38.0





#17

2-Methylphenol

Concen: 40.654 ng

RT: 6.98 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF113459.D

Acq: 1 Apr 2019 11:40

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 351267

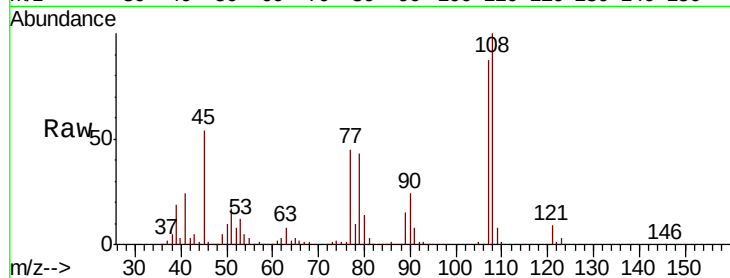
Ion Ratio Lower Upper

107 100

108 114.7 91.8 137.6

77 51.8 41.4 62.2

79 48.8 39.0 58.6

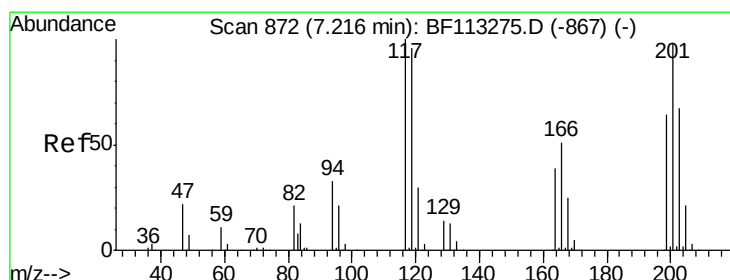
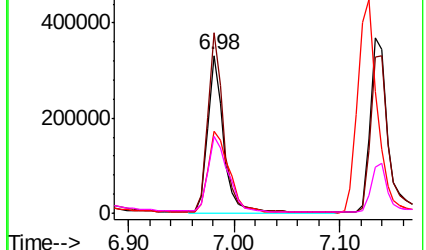
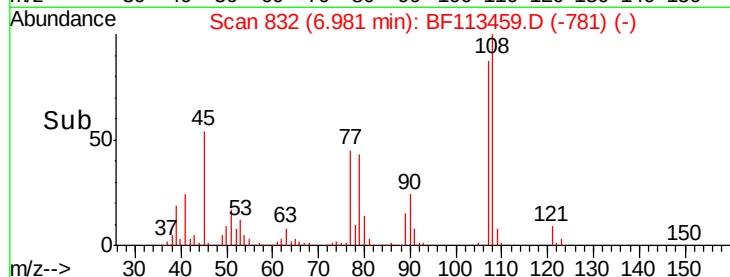


Abundance Ion 107.00 (106.70 to 107.70): E

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: 41.755 ng

RT: 7.22 min Scan# 873

Delta R.T. 0.00 min

Lab File: BF113459.D

Acq: 1 Apr 2019 11:40

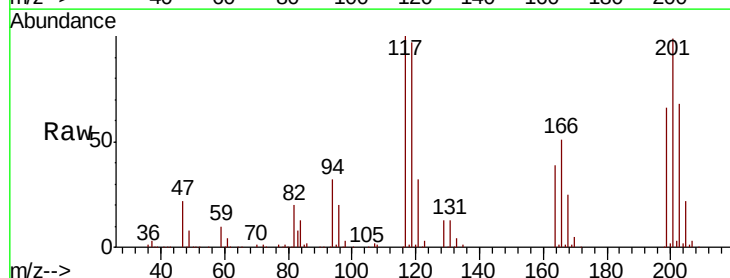
Tgt Ion:117 Resp: 172093

Ion Ratio Lower Upper

117 100

119 97.2 77.8 116.6

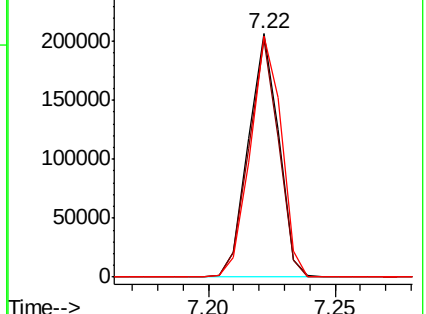
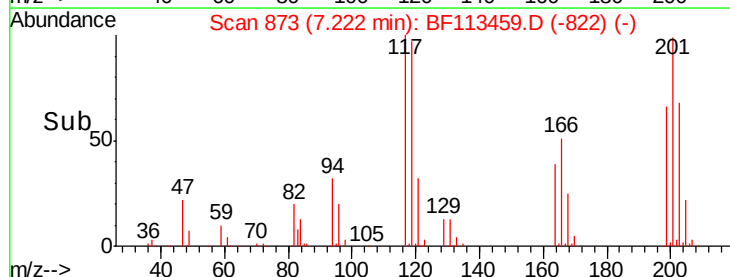
201 99.2 79.4 119.0

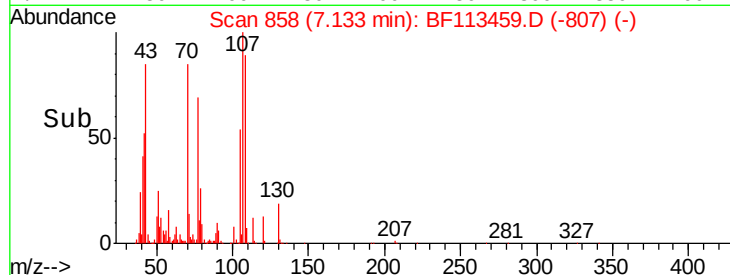
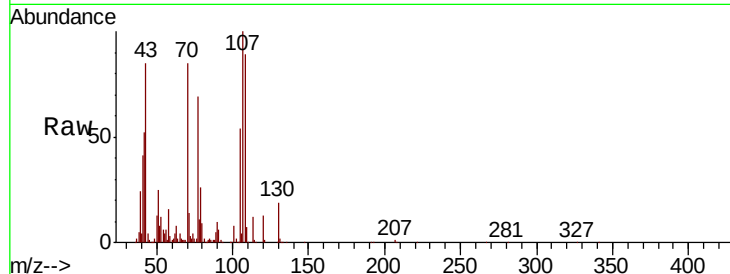
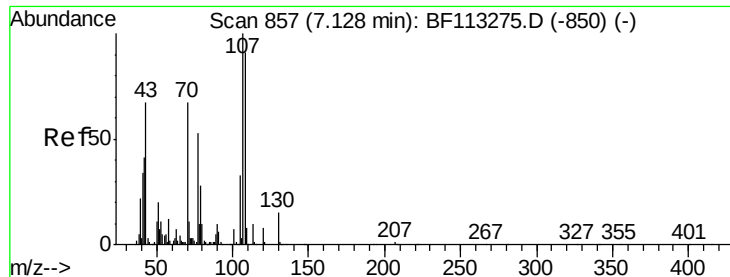


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

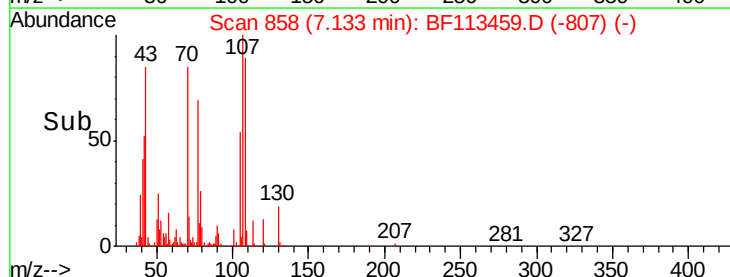
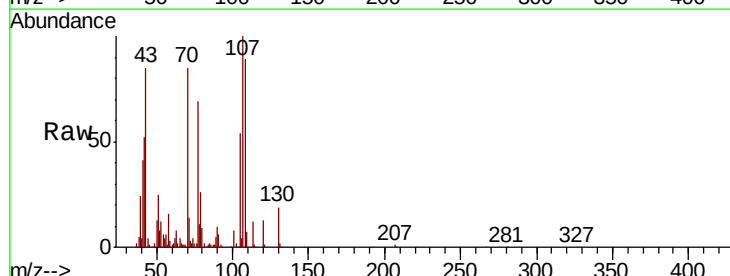
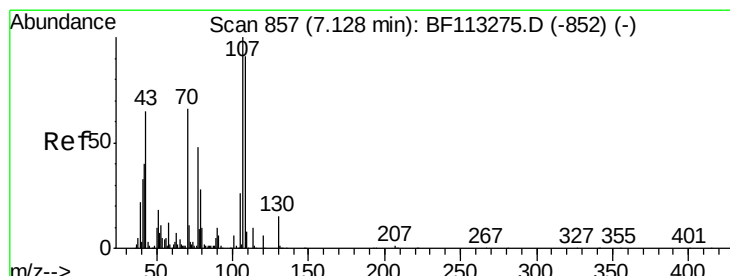
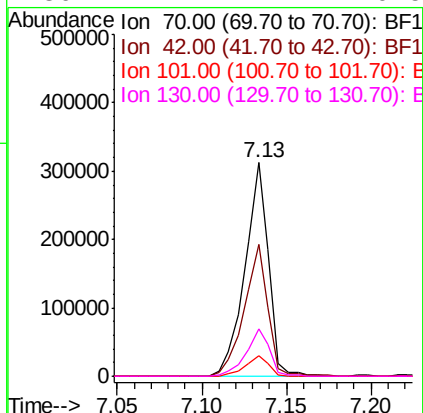




#19
n-Nitroso-di-n-propylamine
Concen: 40.364 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.00 min
Lab File: BF113459.D
Acq: 1 Apr 2019 11:40

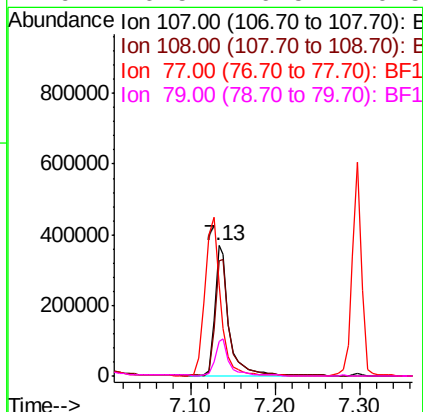
Instrument :
BNA_F
ClientSampleId :

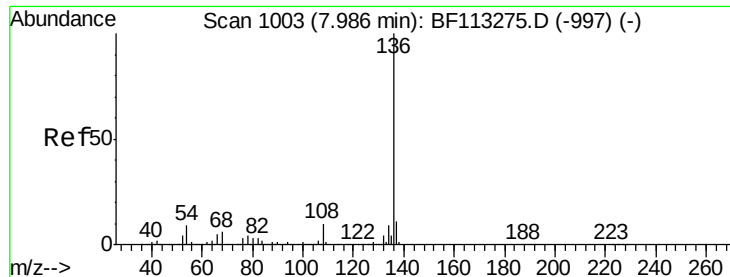
Tot Ion:	70	Resp:	304525
Ion	Ratio	Lower	Upper
70	100		
42	61.7	49.4	74.0
101	9.5	7.6	11.4
130	22.1	17.7	26.5



#20
3+4-Methylphenols
Concen: 43.574 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.00 min
Lab File: BF113459.D
Acq: 1 Apr 2019 11:40

Tgt Ion:	107	Resp:	434811
Ion	Ratio	Lower	Upper
107	100		
108	88.7	68.7	108.7
77	69.3	49.3	89.3
79	26.5	6.5	46.5

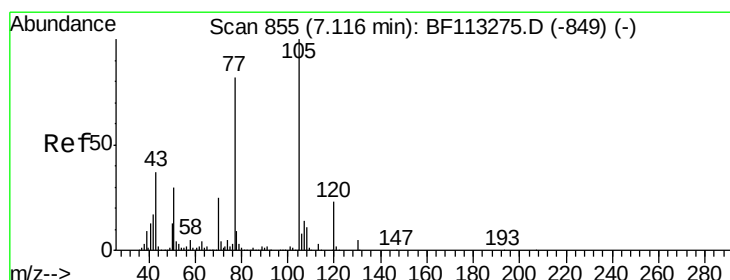
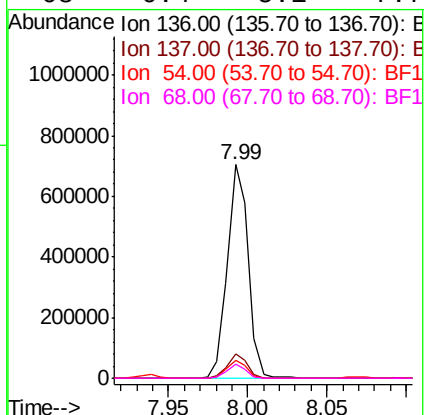
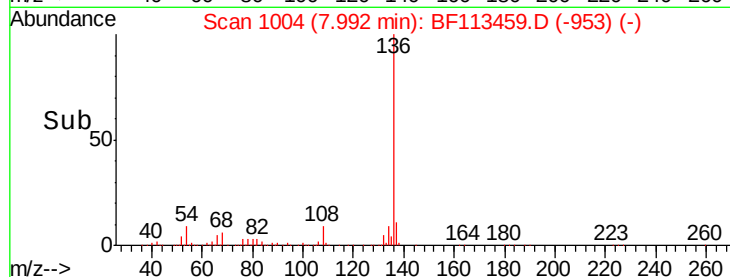
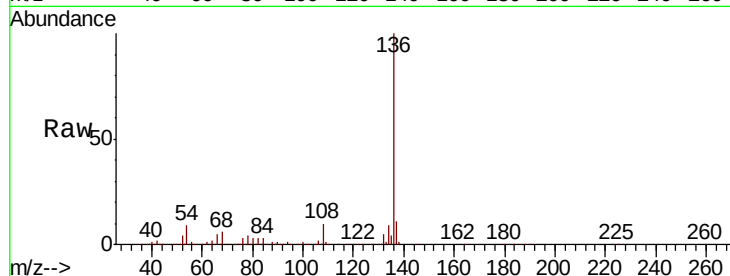




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF113459.D
Acq: 1 Apr 2019 11:40

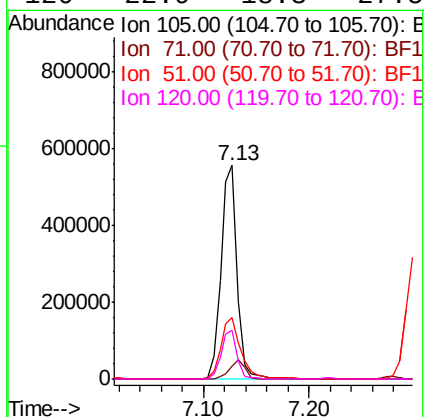
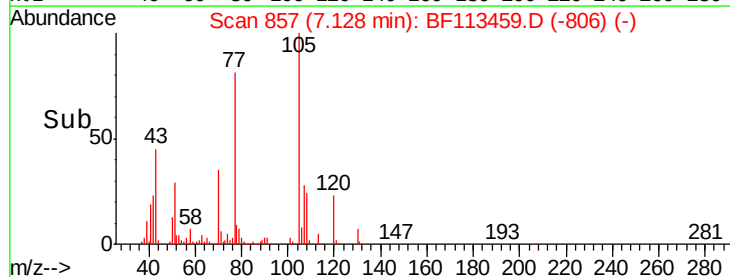
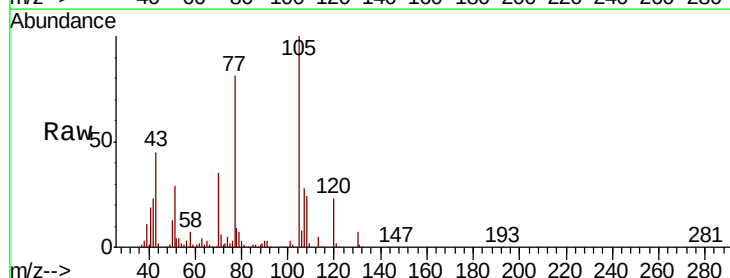
Instrument :
BNA_F
ClientSampled :

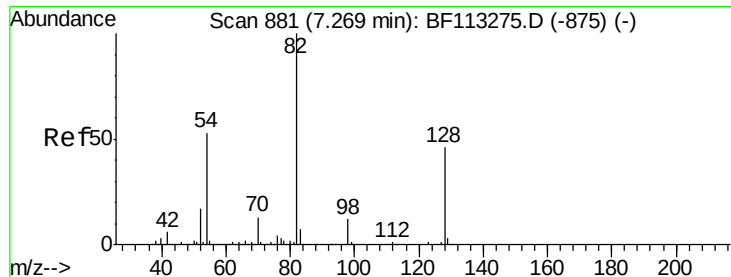
Tot Ion:136	Resp:	640091	
Ion Ratio	Lower	Upper	
136 100			
137 11.4	9.1	13.7	
54 8.6	6.9	10.3	
68 6.4	5.1	7.7	



#22
Acetophenone
Concen: 40.438 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF113459.D
Acq: 1 Apr 2019 11:40

Tgt	Ion:105	Resp:	590289
Ion	Ratio	Lower	Upper
105	100		
71	5.7	4.6	6.8
51	28.8	23.0	34.6
120	22.9	18.3	27.5





#23

Nitrobenzene-d5

Concen: 83.129 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.00 min

Lab File: BF113459.D

Acq: 1 Apr 2019 11:40

Instrument :

BNA_F

ClientSampleId :

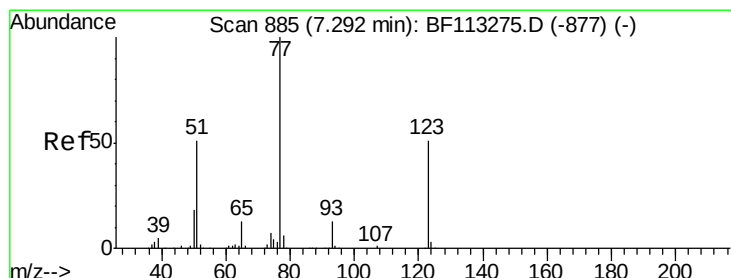
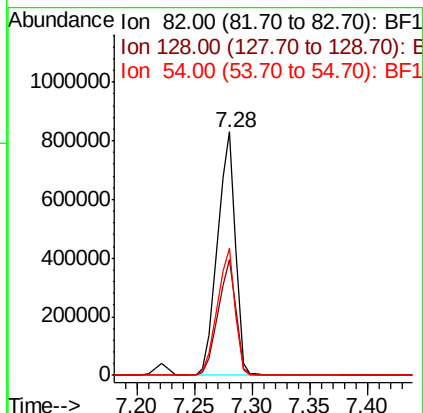
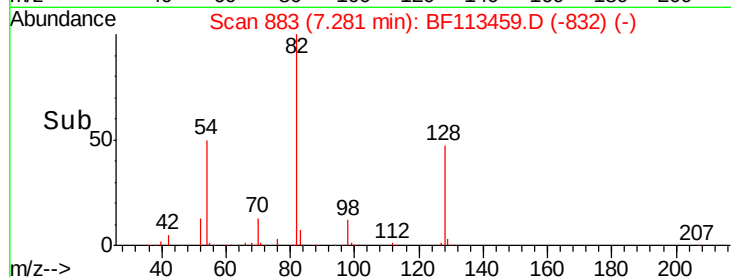
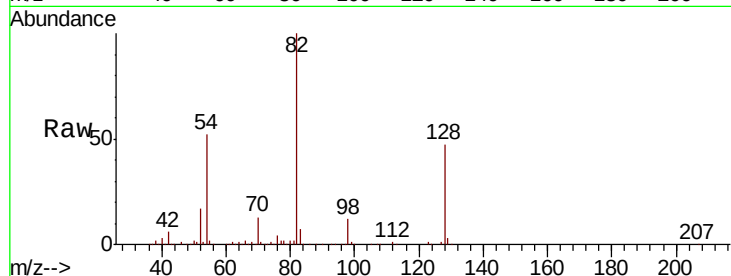
Tot Ion: 82 Resp: 896487

Ion Ratio Lower Upper

82 100

128 47.4 37.9 56.9

54 52.4 41.9 62.9



#24

Nitrobenzene

Concen: 41.722 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.00 min

Lab File: BF113459.D

Acq: 1 Apr 2019 11:40

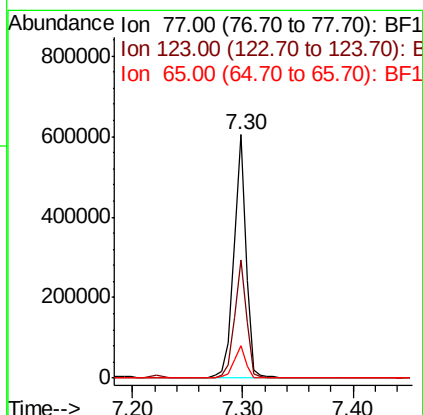
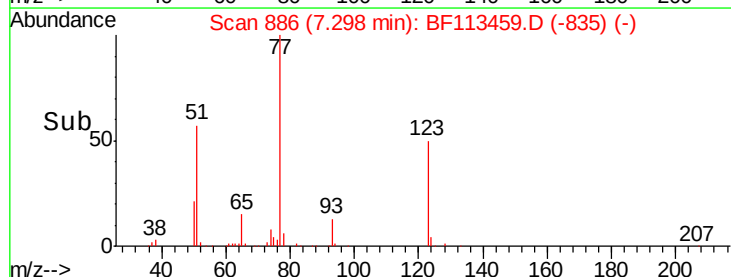
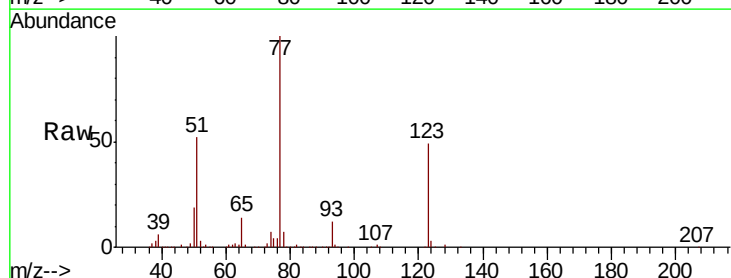
Tgt Ion: 77 Resp: 469518

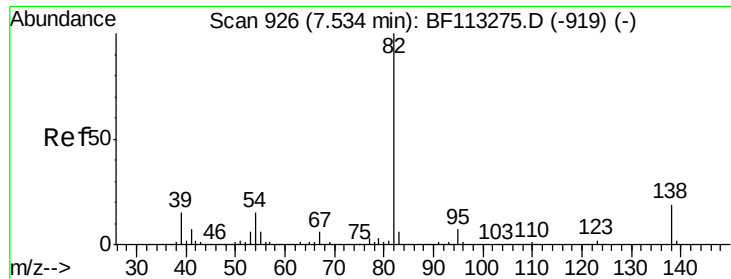
Ion Ratio Lower Upper

77 100

123 48.7 39.0 58.4

65 13.5 10.8 16.2

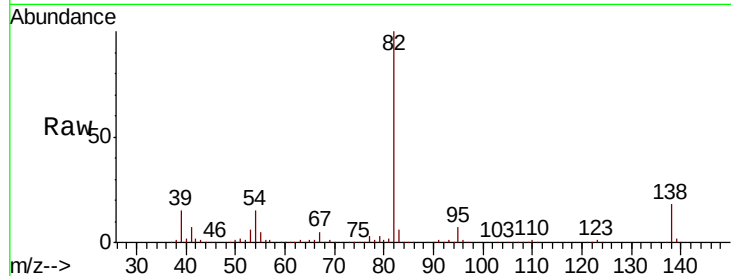




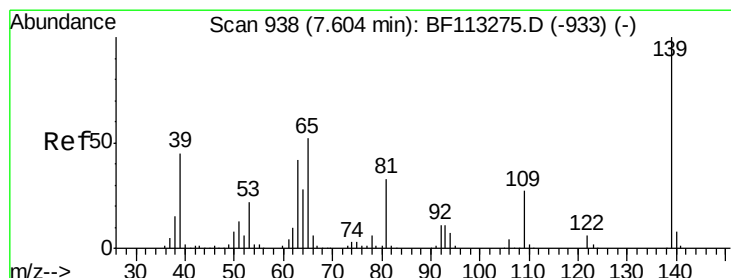
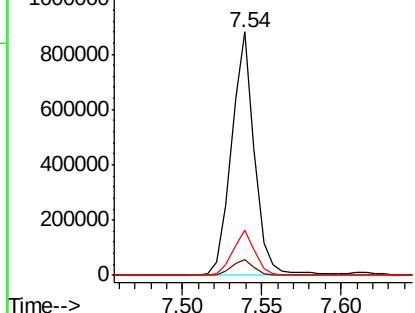
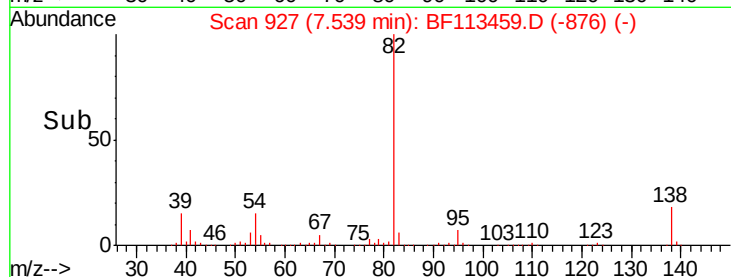
#25
Isophorone
Concen: 42.164 ng
RT: 7.54 min Scan# 927
Delta R.T. 0.00 min
Lab File: BF113459.D
Acq: 1 Apr 2019 11:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 881205
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.0
138 18.4 14.7 22.1

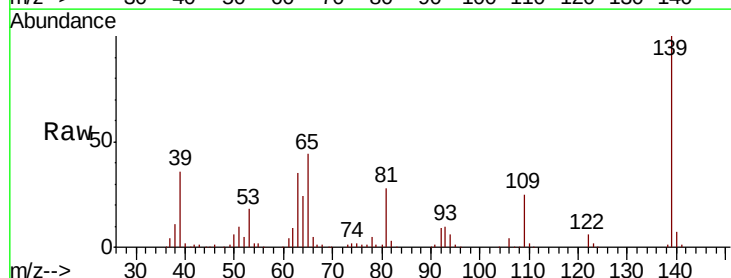


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

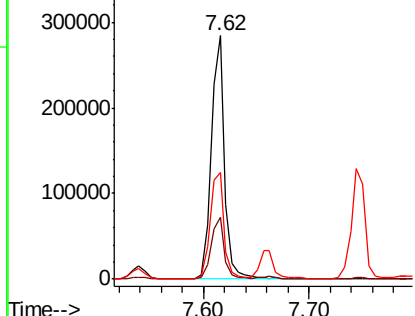
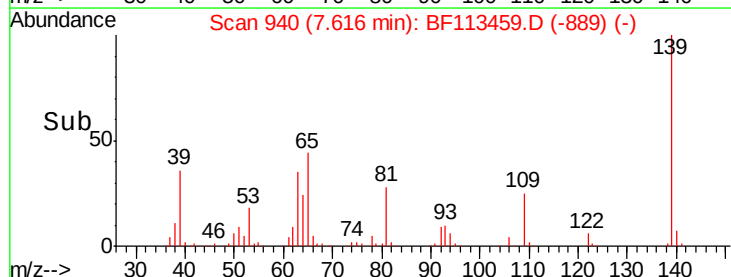


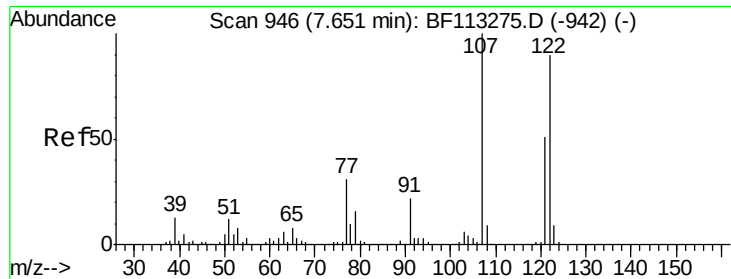
#26
2-Nitrophenol
Concen: 42.546 ng
RT: 7.62 min Scan# 940
Delta R.T. 0.00 min
Lab File: BF113459.D
Acq: 1 Apr 2019 11:40

Tgt Ion: 139 Resp: 253077
Ion Ratio Lower Upper
139 100
109 25.2 20.2 30.2
65 43.9 35.1 52.7



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

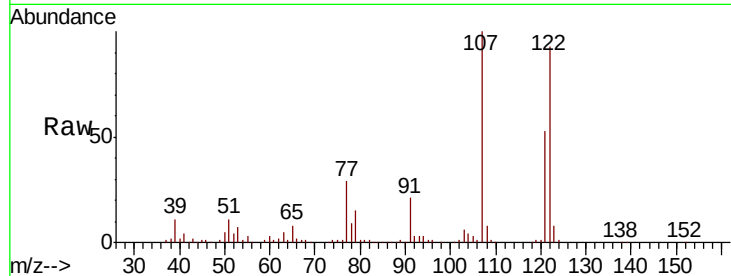




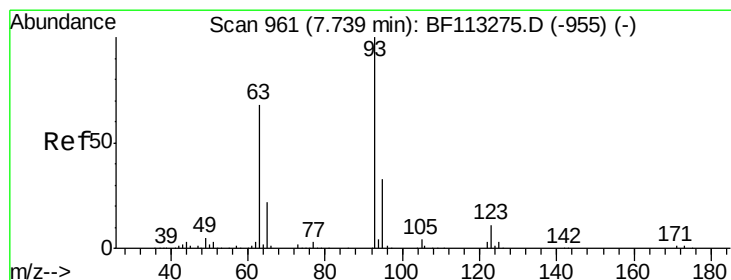
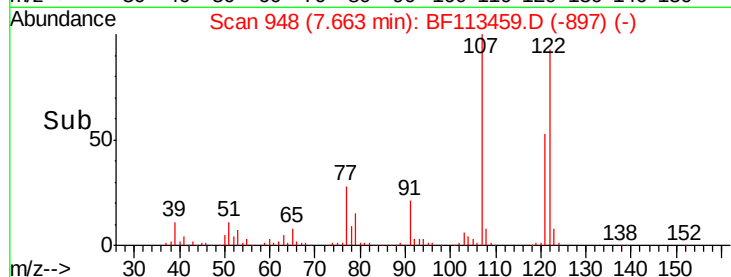
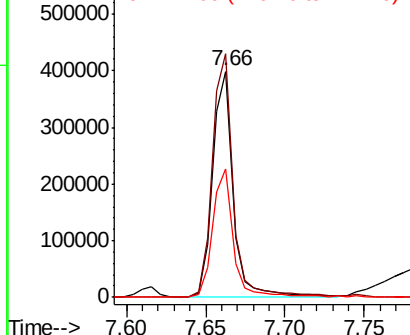
#27
 2,4-Dimethylphenol
 Concen: 42.244 ng
 RT: 7.66 min Scan# 948
 Delta R.T. 0.00 min
 Lab File: BF113459.D
 Acq: 1 Apr 2019 11:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 361472
 Ion Ratio Lower Upper
 122 100
 107 107.9 86.3 129.5
 121 57.0 45.6 68.4

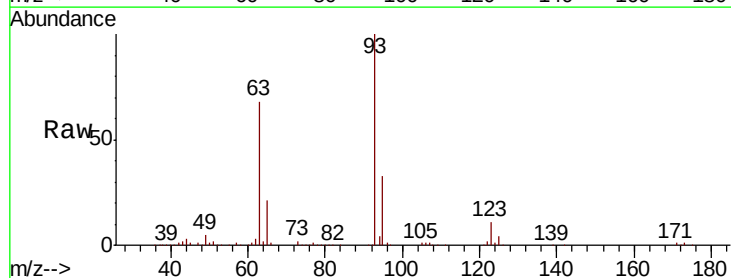


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

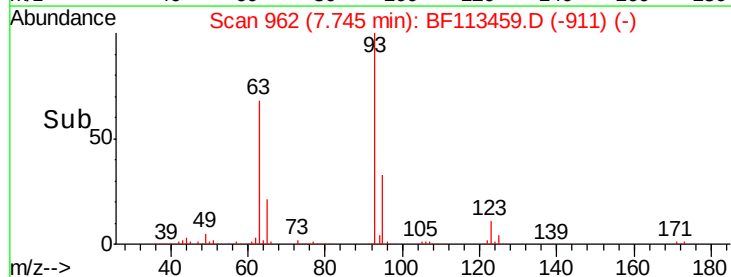
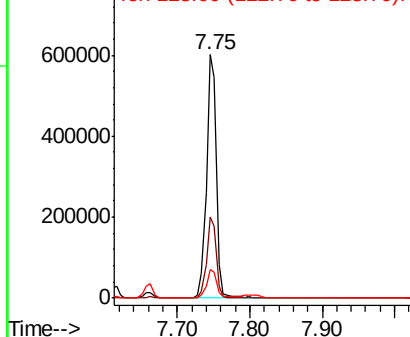


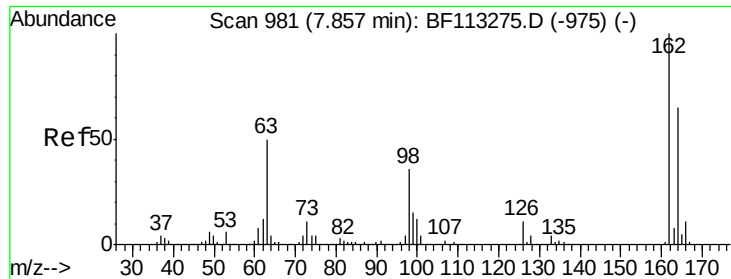
#28
 bis(2-Chloroethoxy)methane
 Concen: 43.159 ng
 RT: 7.75 min Scan# 962
 Delta R.T. 0.00 min
 Lab File: BF113459.D
 Acq: 1 Apr 2019 11:40

Tgt Ion: 93 Resp: 568019
 Ion Ratio Lower Upper
 93 100
 95 33.1 26.5 39.7
 123 11.5 9.2 13.8



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

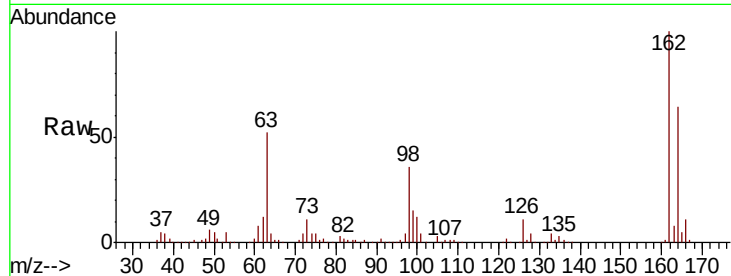




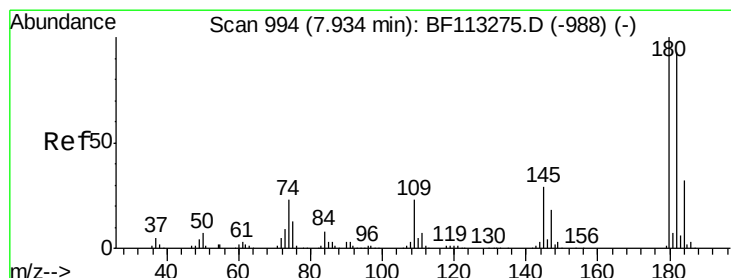
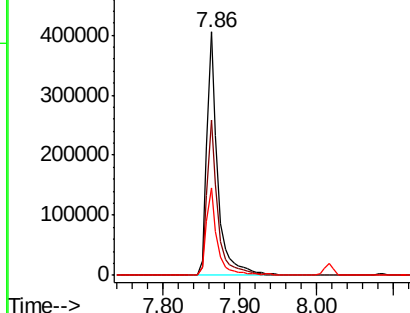
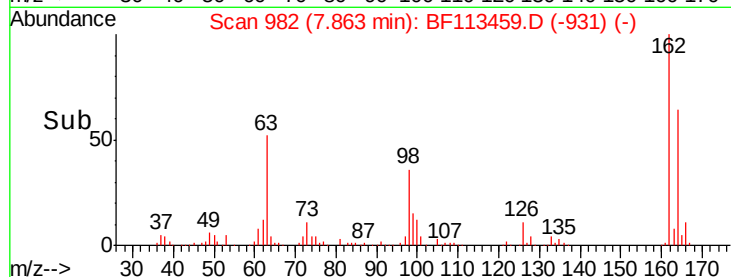
#29
2,4-Dichlorophenol
Concen: 42.821 ng
RT: 7.86 min Scan# 982
Delta R.T. 0.00 min
Lab File: BF113459.D
Acq: 1 Apr 2019 11:40

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 397066
Ion Ratio Lower Upper
162 100
164 63.9 43.9 83.9
98 35.9 15.9 55.9

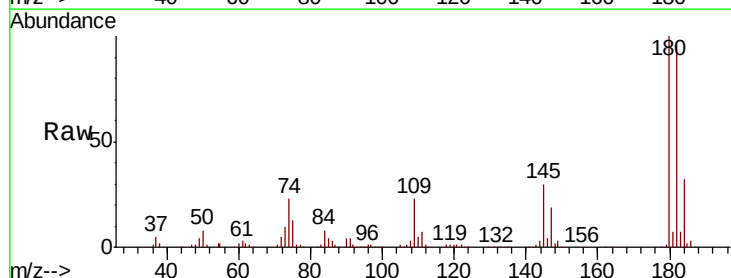


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

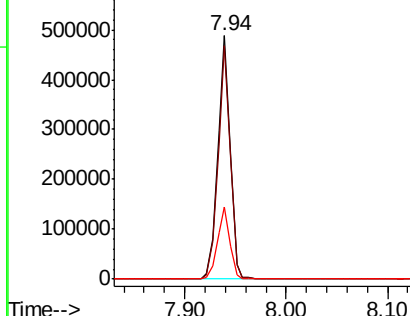
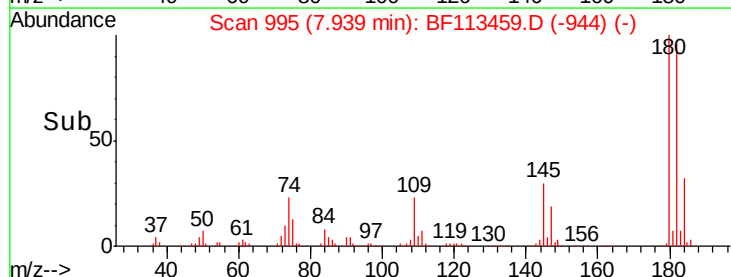


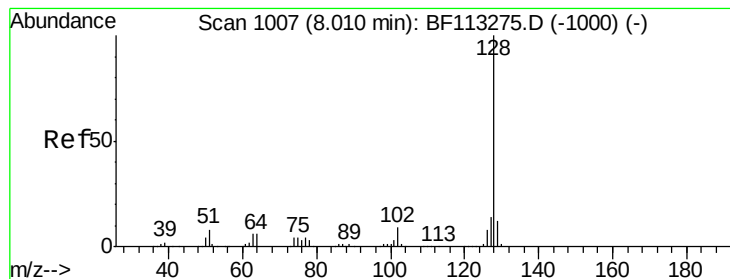
#30
1,2,4-Trichlorobenzene
Concen: 41.316 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.00 min
Lab File: BF113459.D
Acq: 1 Apr 2019 11:40

Tgt Ion:180 Resp: 413338
Ion Ratio Lower Upper
180 100
182 96.0 76.8 115.2
145 29.8 23.8 35.8



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: 40.699 ng

RT: 8.02 min Scan# 1008

Delta R.T. 0.00 min

Lab File: BF113459.D

Acq: 1 Apr 2019 11:40

Instrument :

BNA_F

ClientSampleId :

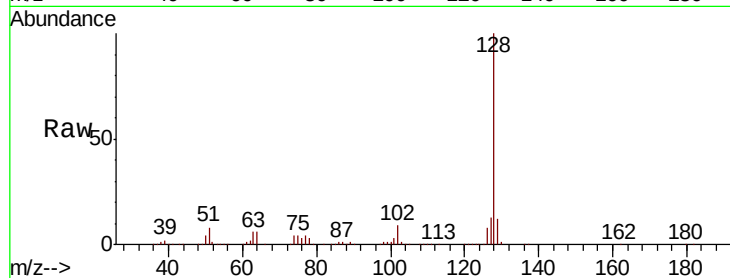
Tot Ion:128 Resp: 1273049

Ion Ratio Lower Upper

128 100

129 11.7 9.4 14.0

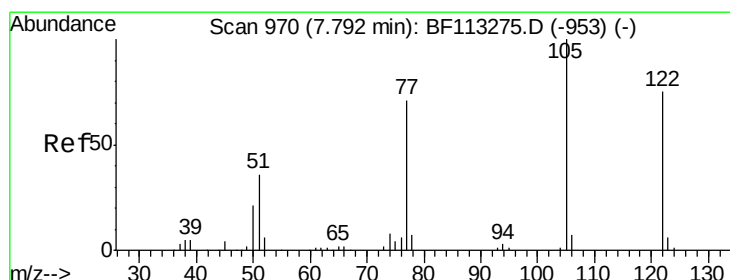
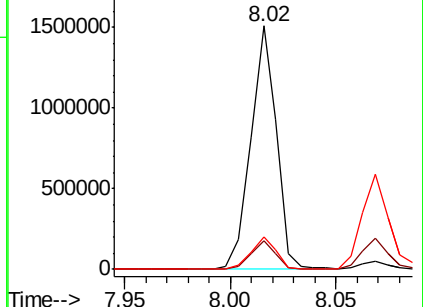
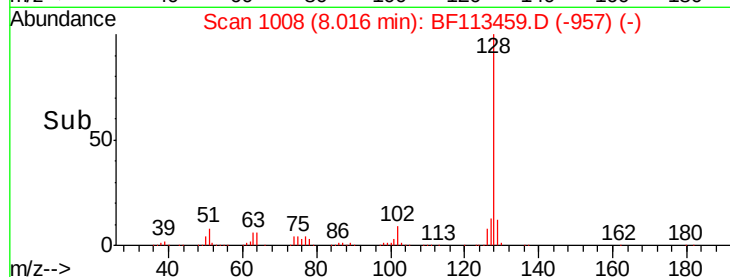
127 13.4 10.7 16.1



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: 30.711 ng

RT: 7.81 min Scan# 973

Delta R.T. 0.00 min

Lab File: BF113459.D

Acq: 1 Apr 2019 11:40

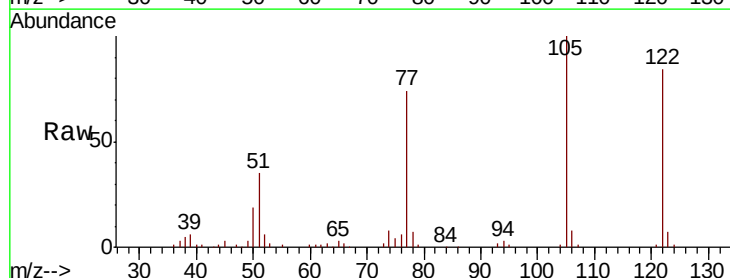
Tgt Ion:122 Resp: 211528

Ion Ratio Lower Upper

122 100

105 118.4 98.4 138.4

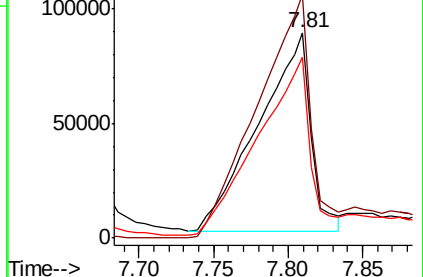
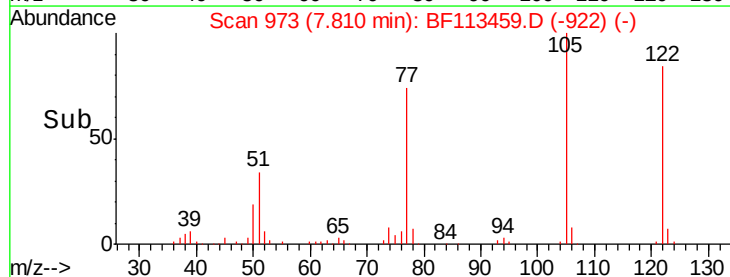
77 88.0 68.0 108.0

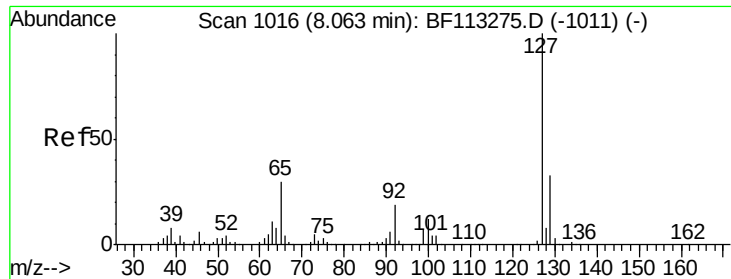


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

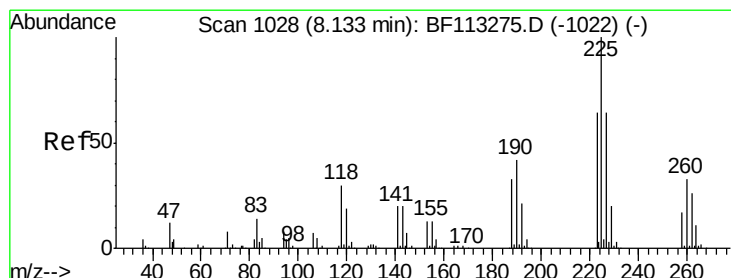
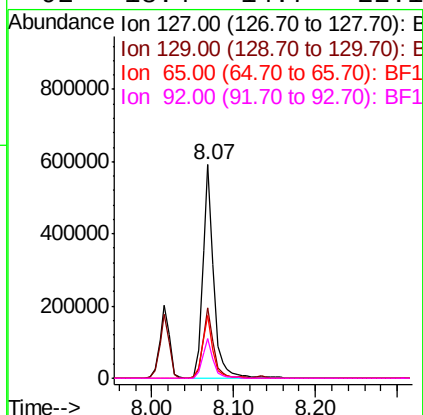
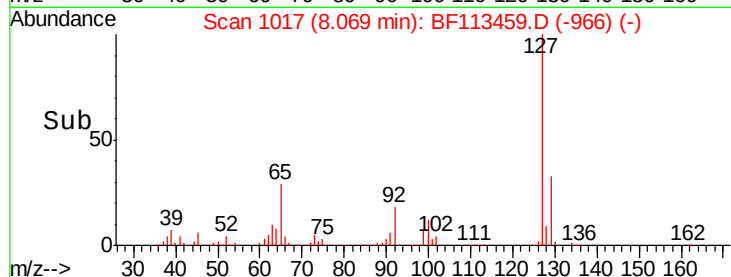
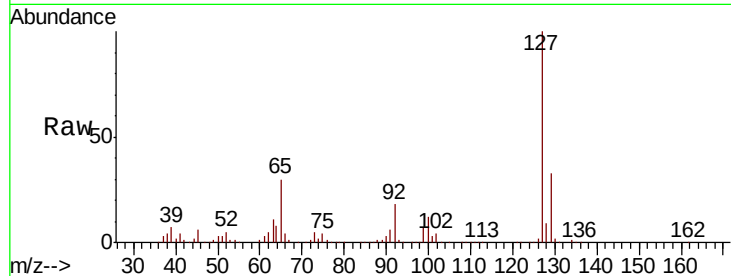




#33
4-Chloroaniline
Concen: 45.179 ng
RT: 8.07 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF113459.D
Acq: 1 Apr 2019 11:40

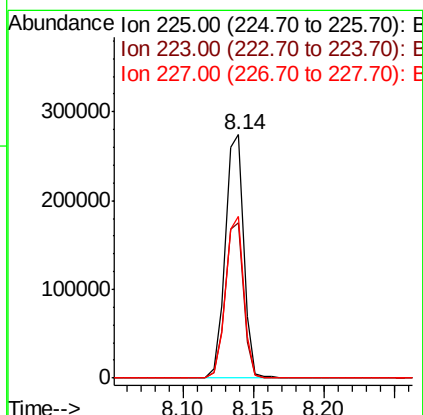
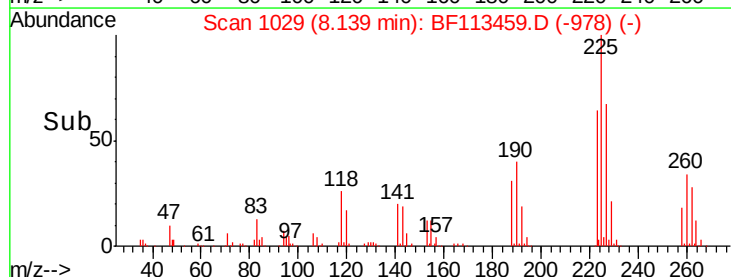
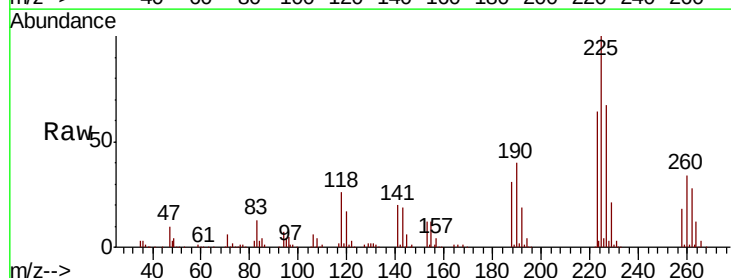
Instrument :
BNA_F
ClientSampleId :

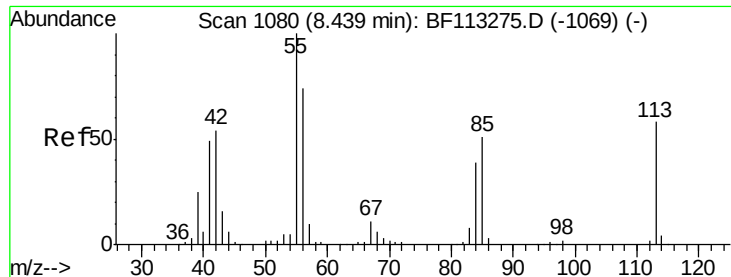
Tot Ion:	127	Resp:	551064
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.2	39.2
65	29.6	23.7	35.5
92	18.4	14.7	22.1



#34
Hexachlorobutadiene
Concen: 41.956 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF113459.D
Acq: 1 Apr 2019 11:40

Tgt Ion:	225	Resp:	249473
Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.9	76.3
227	66.5	53.2	79.8

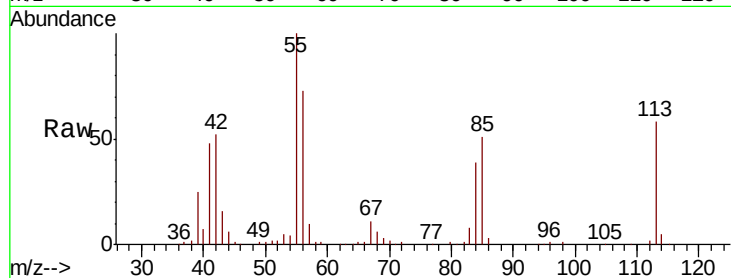




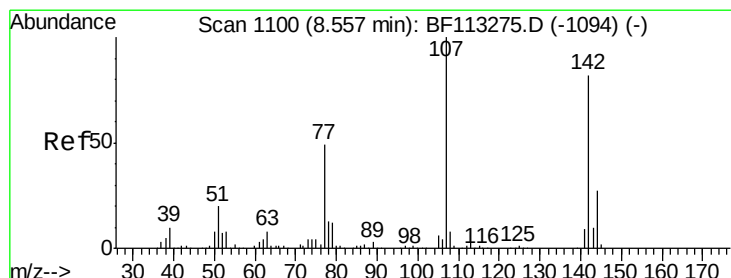
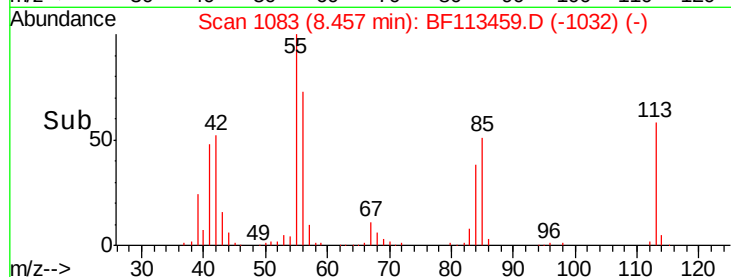
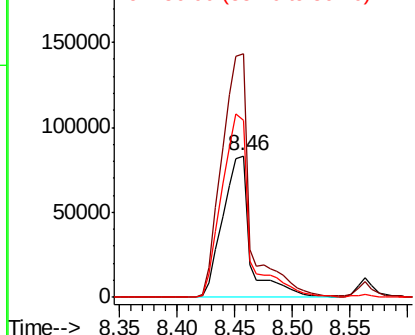
#35
 Caprolactam
 Concen: 46.735 ng
 RT: 8.46 min Scan# 1083
 Delta R.T. 0.00 min
 Lab File: BF113459.D
 Acq: 1 Apr 2019 11:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 139084
 Ion Ratio Lower Upper
 113 100
 55 171.8 151.8 191.8
 56 124.6 104.6 144.6

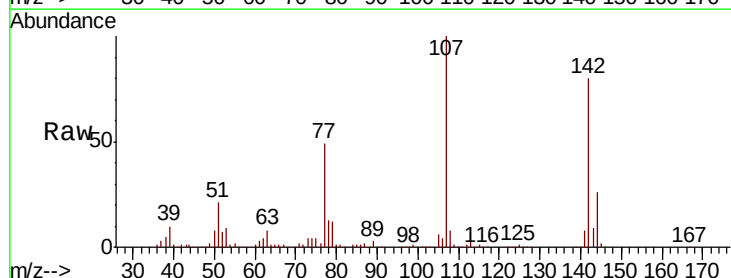


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

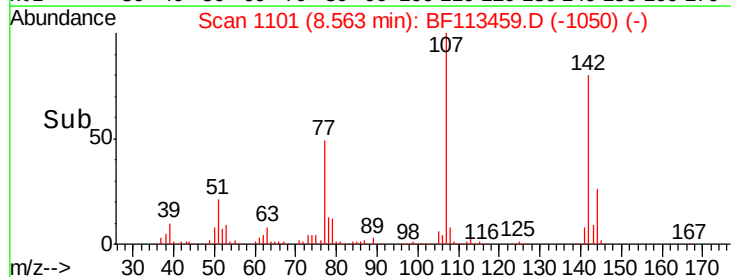
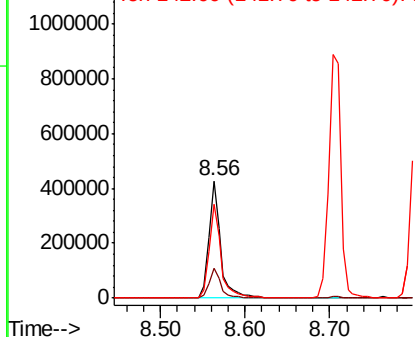


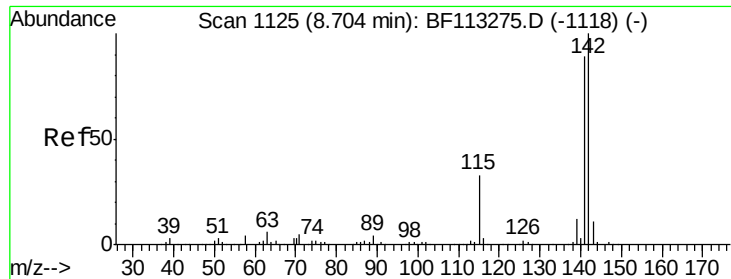
#36
 4-Chloro-3-methylphenol
 Concen: 44.606 ng
 RT: 8.56 min Scan# 1101
 Delta R.T. 0.00 min
 Lab File: BF113459.D
 Acq: 1 Apr 2019 11:40

Tgt Ion:107 Resp: 416016
 Ion Ratio Lower Upper
 107 100
 144 25.6 20.5 30.7
 142 79.9 63.9 95.9



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

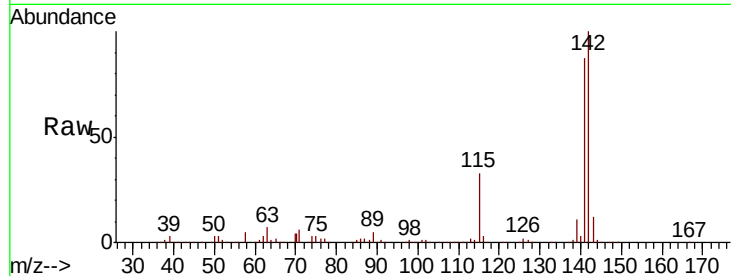




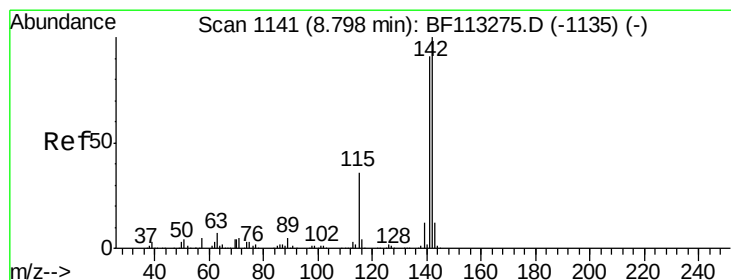
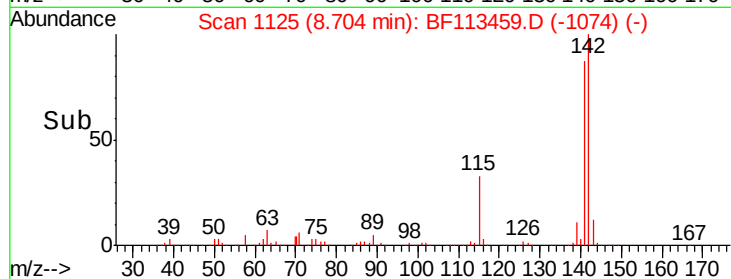
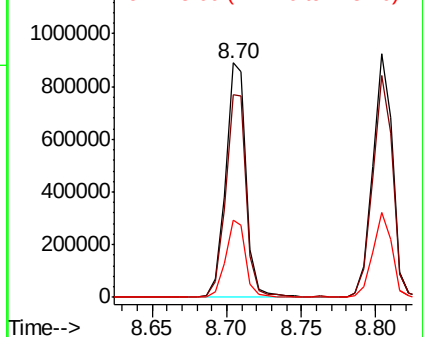
#37
2-Methylnaphthalene
Concen: 44.278 ng
RT: 8.70 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BF113459.D
Acq: 1 Apr 2019 11:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 864199
Ion Ratio Lower Upper
142 100
141 86.5 69.2 103.8
115 33.2 26.6 39.8

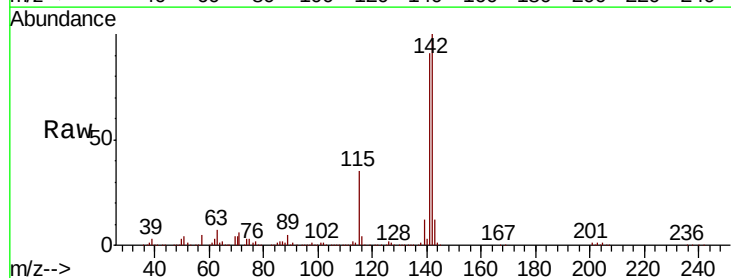


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

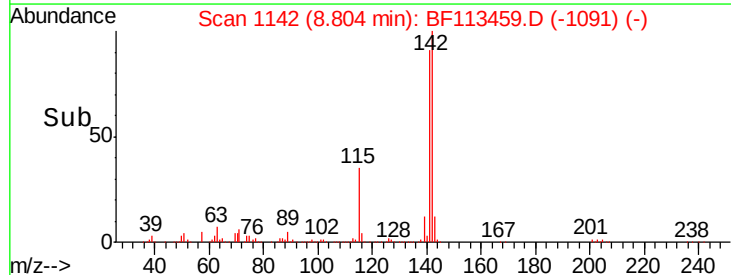
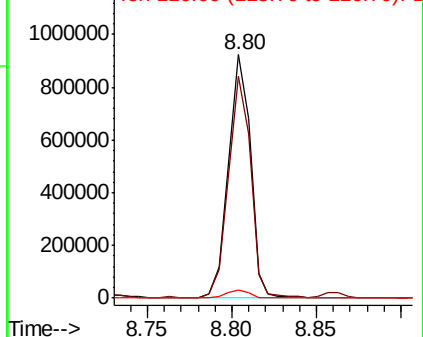


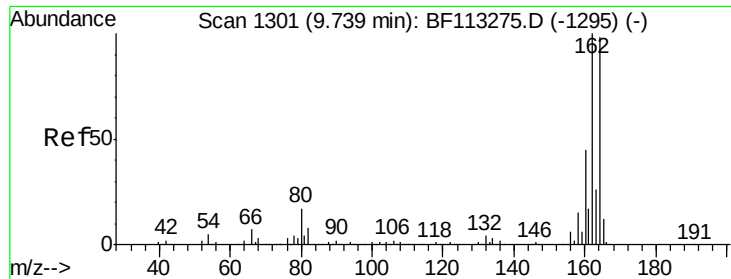
#38
1-Methylnaphthalene
Concen: 44.350 ng
RT: 8.80 min Scan# 1142
Delta R.T. 0.00 min
Lab File: BF113459.D
Acq: 1 Apr 2019 11:40

Tgt Ion:142 Resp: 832579
Ion Ratio Lower Upper
142 100
141 91.2 73.0 109.4
116 3.5 2.8 4.2



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

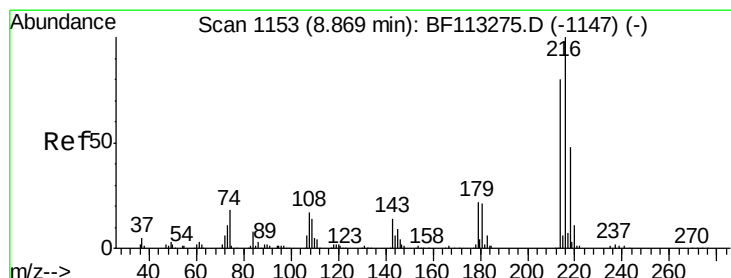
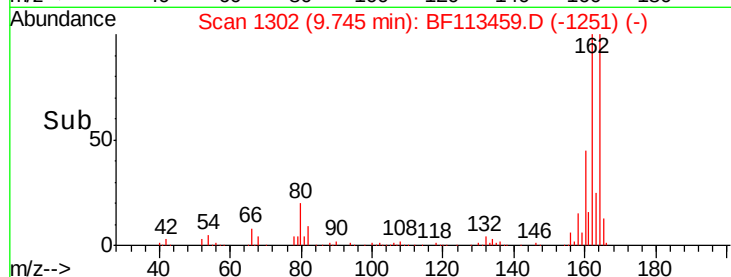
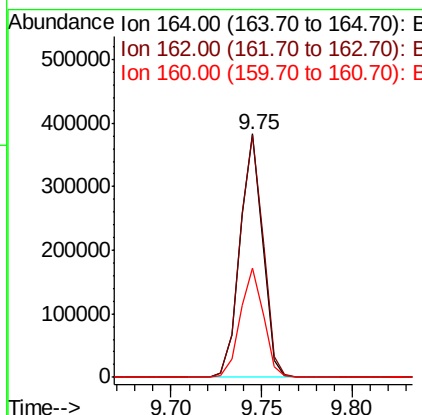
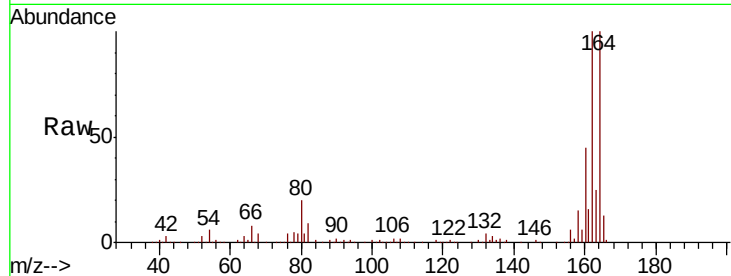




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. 0.00 min
 Lab File: BF113459.D
 Acq: 1 Apr 2019 11:40

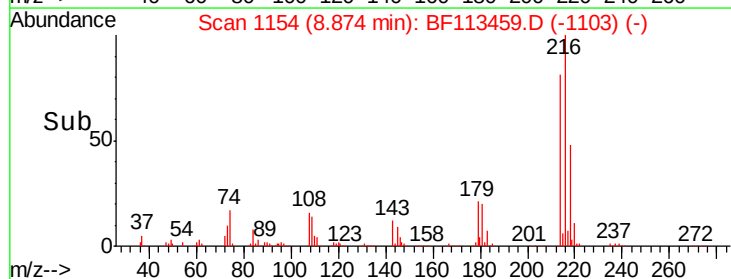
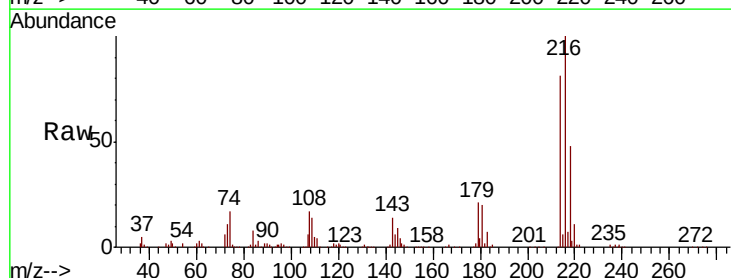
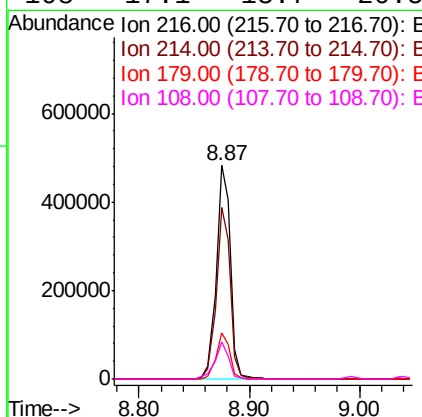
Instrument :
 BNA_F
 ClientSampleId :

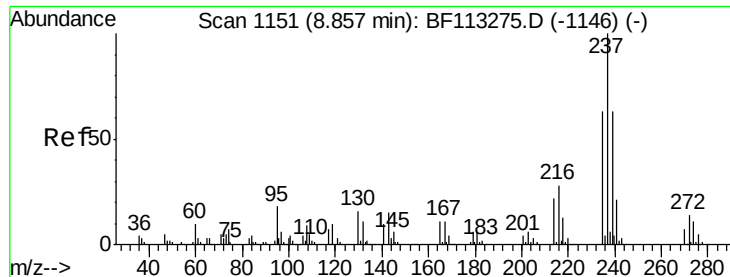
Tot Ion	Ratio	Lower	Upper
164	100		
162	99.6	79.7	119.5
160	44.9	35.9	53.9



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.856 ng
 RT: 8.87 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BF113459.D
 Acq: 1 Apr 2019 11:40

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.3	94.9
179	20.6	16.5	24.7
108	17.1	13.7	20.5





#41

Hexachlorocyclopentadiene

Concen: 34.636 ng

RT: 8.86 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BF113459.D

Acq: 1 Apr 2019 11:40

Instrument :

BNA_F

ClientSampleId :

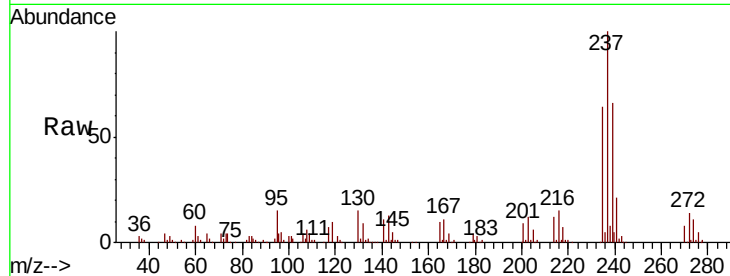
Tot Ion:237 Resp: 156222

Ion Ratio Lower Upper

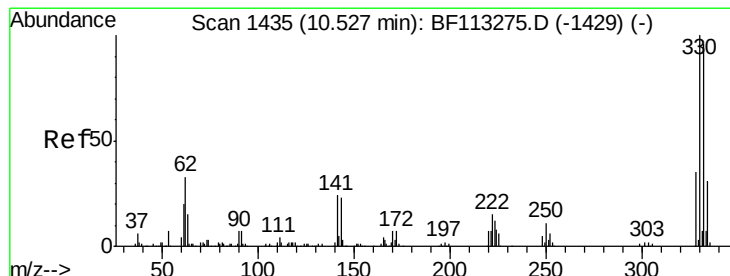
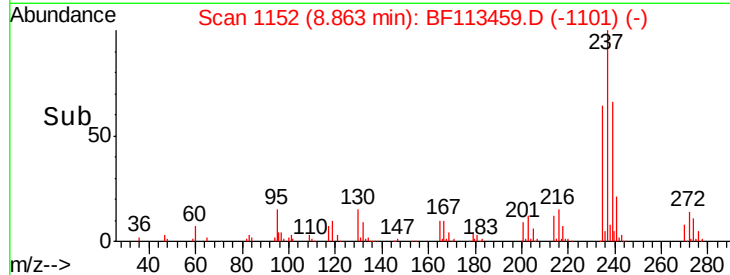
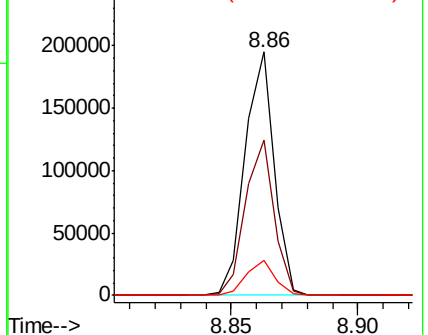
237 100

235 63.7 43.7 83.7

272 14.2 0.0 34.2



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: 84.511 ng

RT: 10.53 min Scan# 1436

Delta R.T. 0.00 min

Lab File: BF113459.D

Acq: 1 Apr 2019 11:40

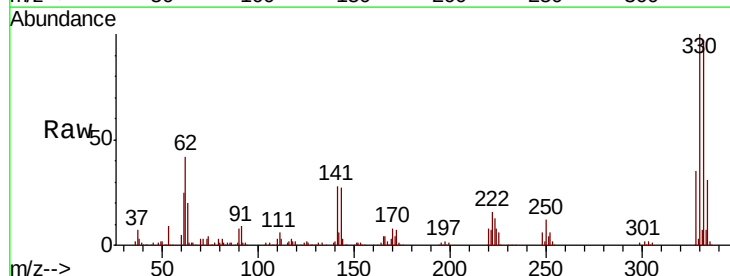
Tgt Ion:330 Resp: 346535

Ion Ratio Lower Upper

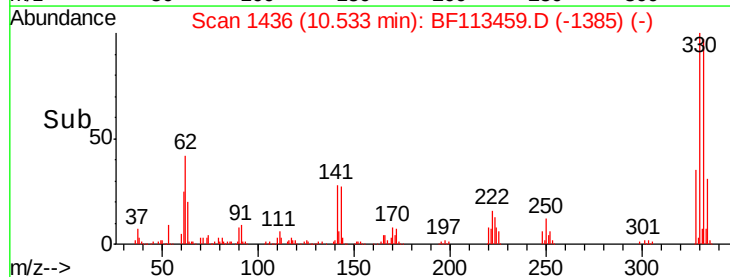
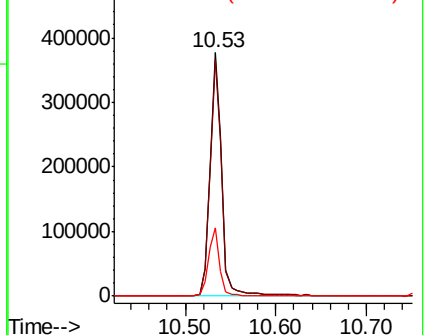
330 100

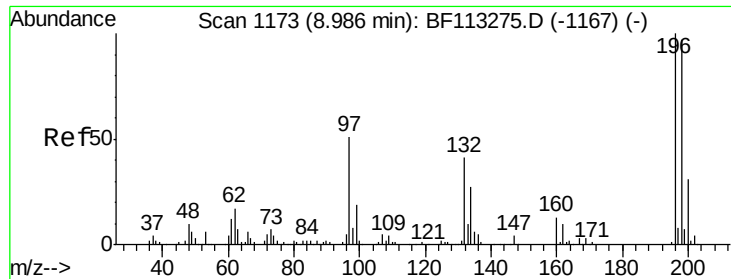
332 97.1 77.7 116.5

141 26.8 21.4 32.2



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

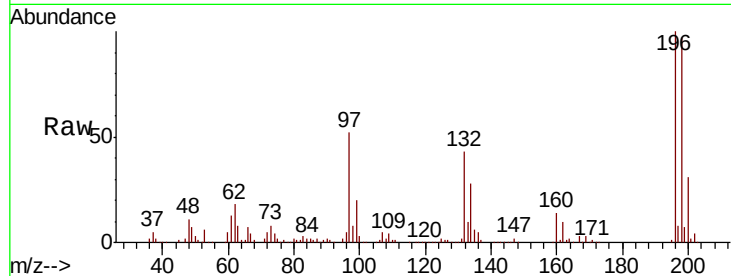




#43
 2,4,6-Trichlorophenol
 Concen: 39.749 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF113459.D
 Acq: 1 Apr 2019 11:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	196	Resp	275824
Ion	Ratio	Lower	Upper
196	100		
198	96.9	77.5	116.3
200	30.9	24.7	37.1

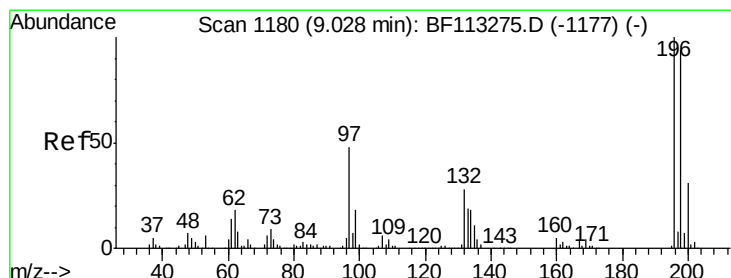
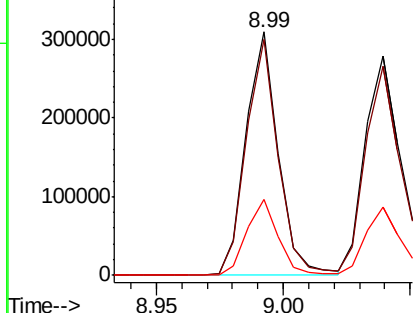
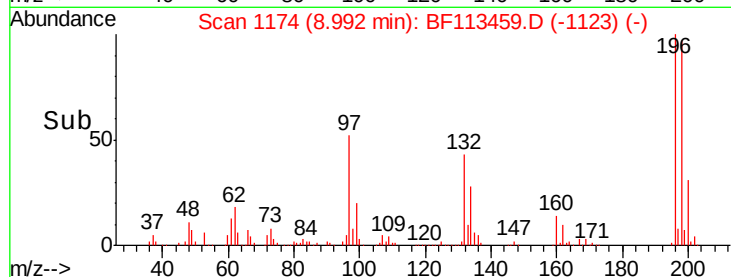


Abundance

Ion 196.00 (195.70 to 196.70): E

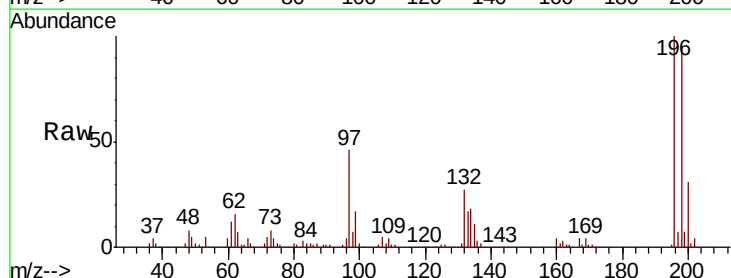
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 39.318 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF113459.D
 Acq: 1 Apr 2019 11:40

Tgt Ion	196	Resp	301938
Ion	Ratio	Lower	Upper
196	100		
198	95.4	76.3	114.5
97	45.8	36.6	55.0
132	27.4	21.9	32.9



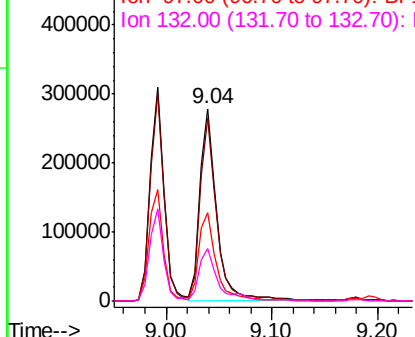
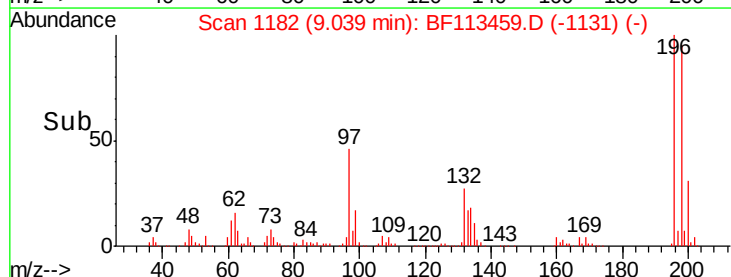
Abundance

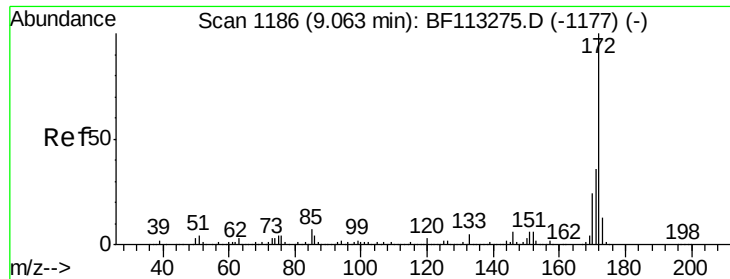
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

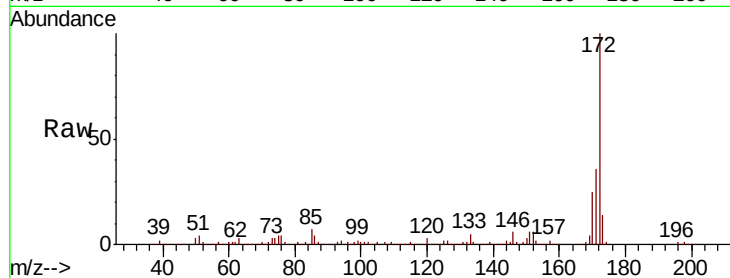




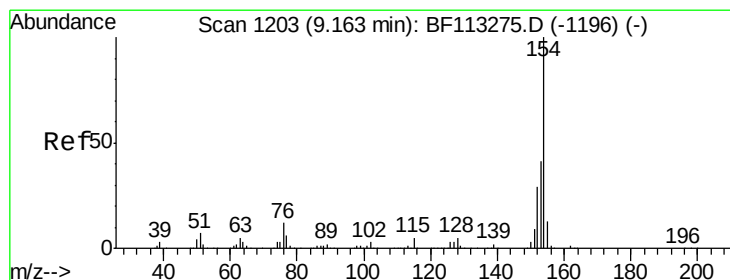
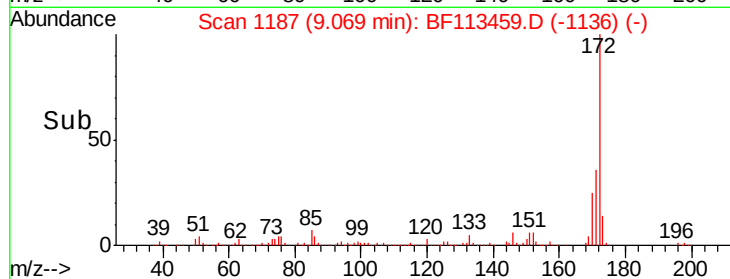
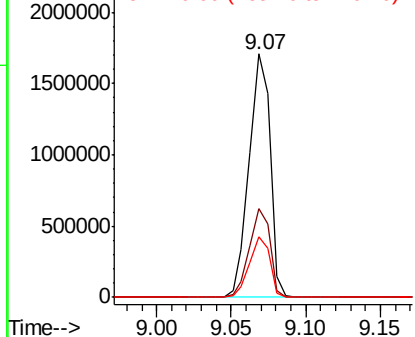
#45
2-Fluorobiphenyl
Concen: 77.212 ng
RT: 9.07 min Scan# 1187
Delta R.T. 0.00 min
Lab File: BF113459.D
Acq: 1 Apr 2019 11:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1669543
Ion Ratio Lower Upper
172 100
171 36.3 29.0 43.6
170 24.7 19.8 29.6

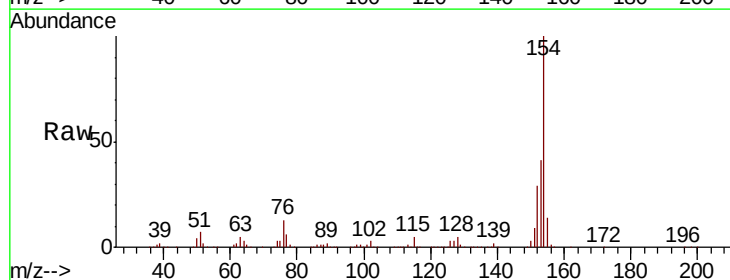


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

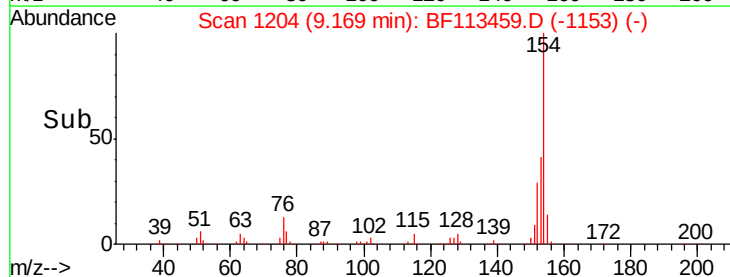
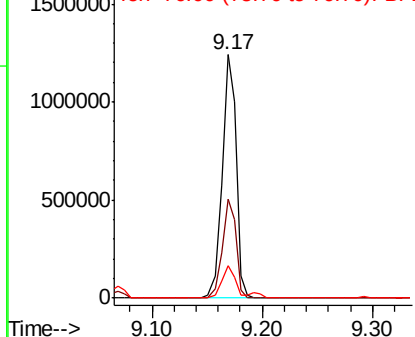


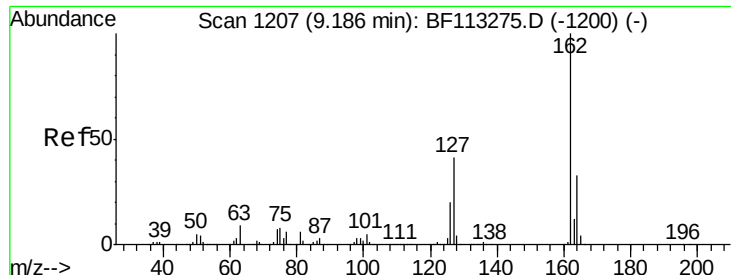
#46
1,1'-Biphenyl
Concen: 39.412 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BF113459.D
Acq: 1 Apr 2019 11:40

Tgt Ion:154 Resp: 1092705
Ion Ratio Lower Upper
154 100
153 40.9 20.9 60.9
76 13.2 0.0 33.2



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

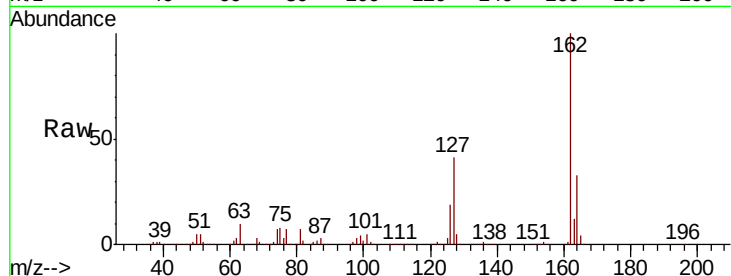




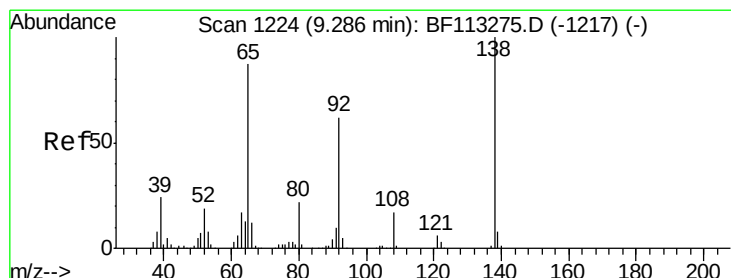
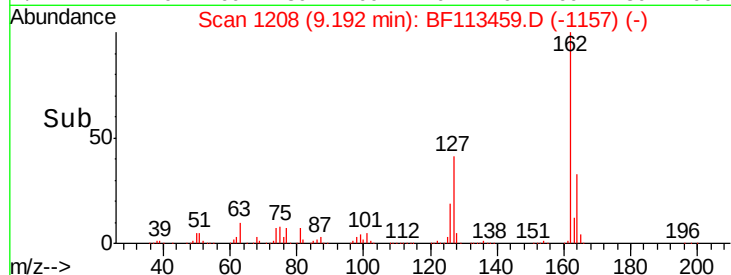
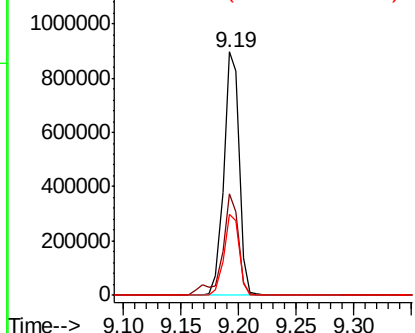
#47
 2-Chloronaphthalene
 Concen: 38.864 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.00 min
 Lab File: BF113459.D
 Acq: 1 Apr 2019 11:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	162	Resp:	829635
Ion	Ratio	Lower	Upper
162	100		
127	41.5	33.2	49.8
164	33.5	26.8	40.2

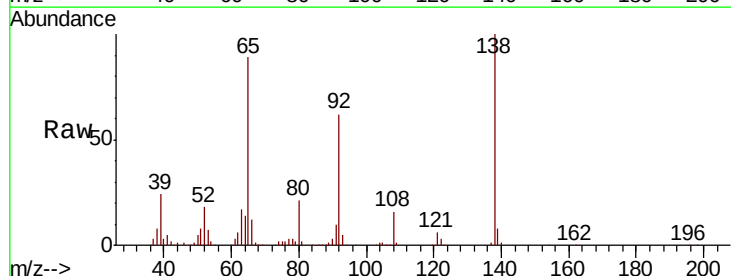


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

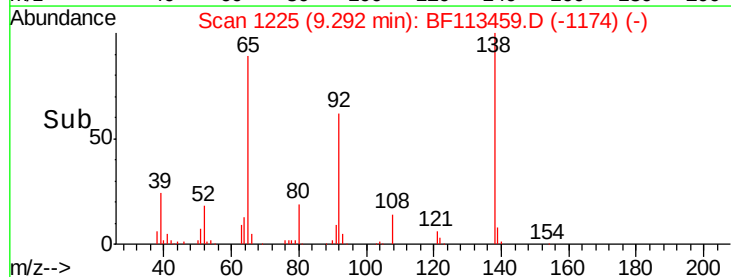
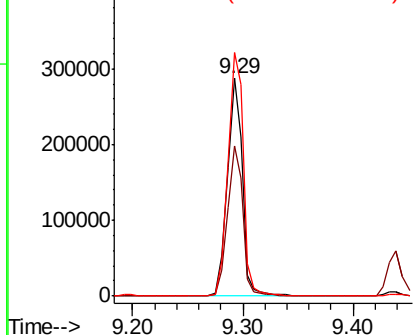


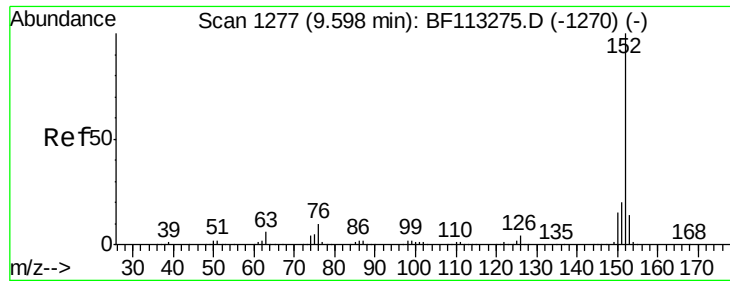
#48
 2-Nitroaniline
 Concen: 41.201 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: BF113459.D
 Acq: 1 Apr 2019 11:40

Tgt Ion:	65	Resp:	276010
Ion	Ratio	Lower	Upper
65	100		
92	69.1	55.3	82.9
138	111.9	89.5	134.3



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





#49

Acenaphthylene

Concen: 39.870 ng

RT: 9.61 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BF113459.D

Acq: 1 Apr 2019 11:40

Instrument :

BNA_F

ClientSampleId :

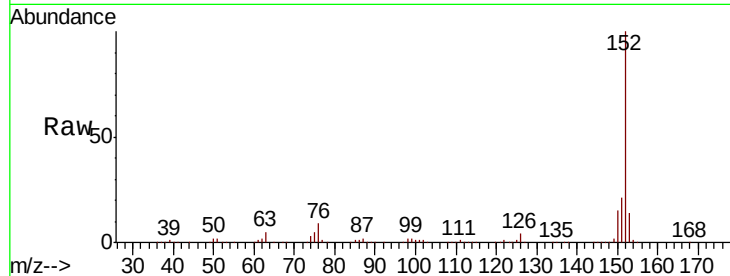
Tot Ion:152 Resp: 1376166

Ion Ratio Lower Upper

152 100

151 20.6 16.5 24.7

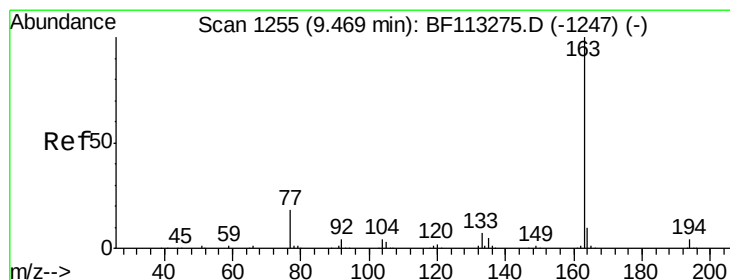
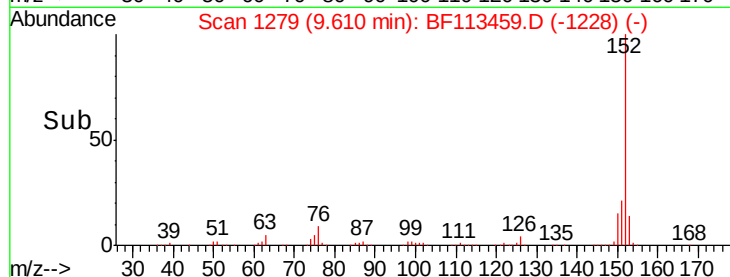
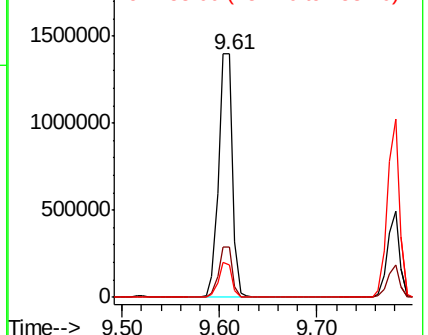
153 13.5 10.8 16.2



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: 42.393 ng

RT: 9.47 min Scan# 1255

Delta R.T. 0.00 min

Lab File: BF113459.D

Acq: 1 Apr 2019 11:40

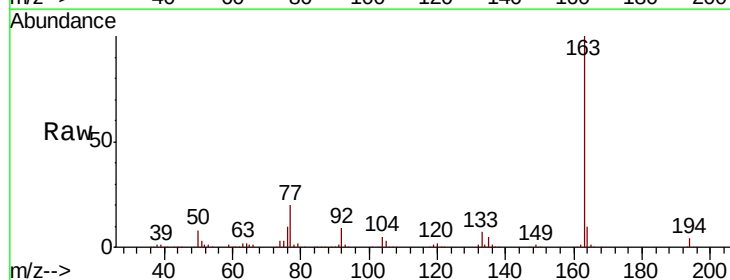
Tgt Ion:163 Resp: 1042913

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

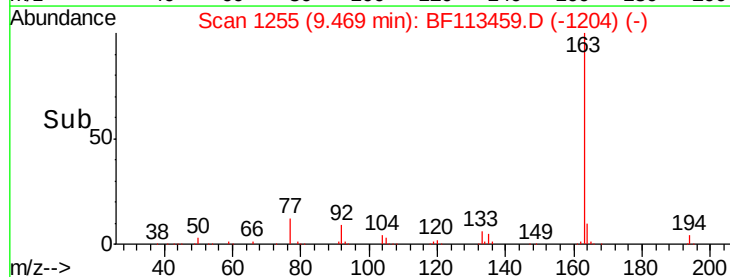
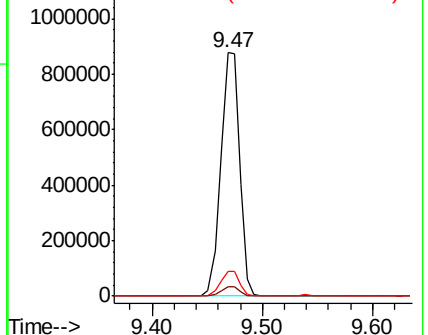
164 10.4 8.3 12.5

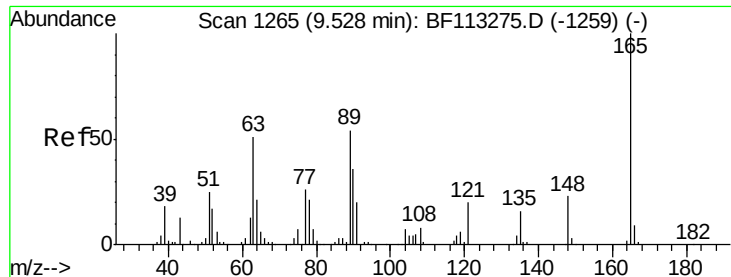


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 41.750 ng

RT: 9.54 min Scan# 1267

Delta R.T. 0.00 min

Lab File: BF113459.D

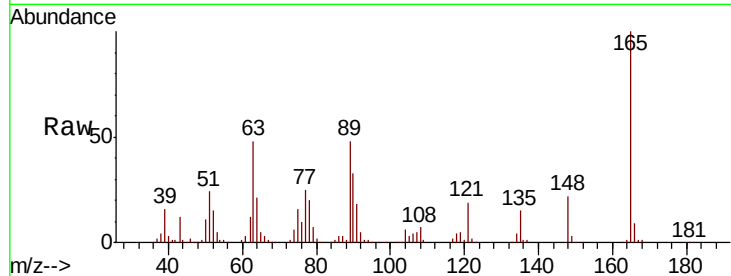
Acq: 1 Apr 2019 11:40

Instrument :

BNA_F

ClientSampled :

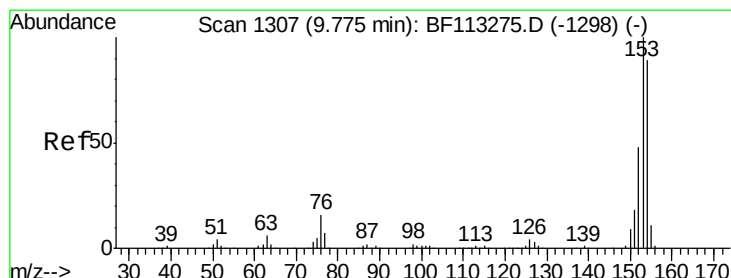
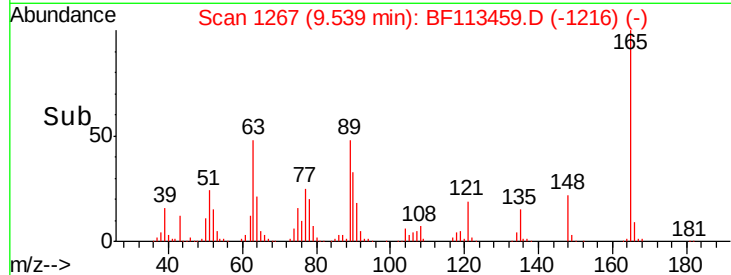
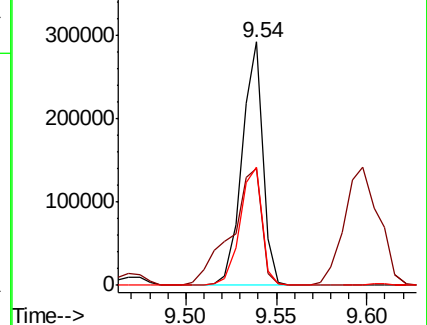
Tot Ion:165	Resp:	231711
Ion Ratio	Lower	Upper
165	100	
63	47.9	38.3 57.5
89	48.3	38.6 58.0



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



#52

Acenaphthene

Concen: 40.237 ng

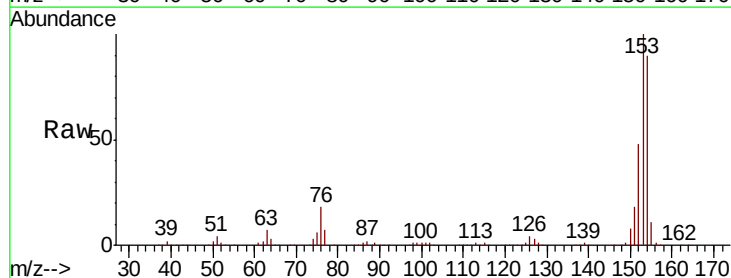
RT: 9.78 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BF113459.D

Acq: 1 Apr 2019 11:40

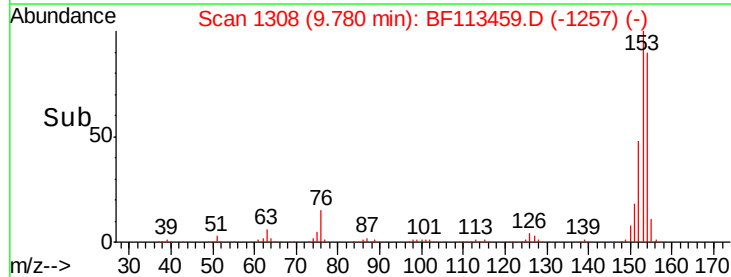
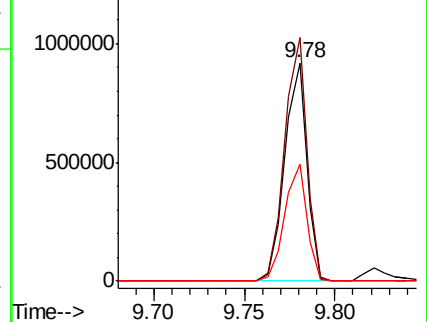
Tgt Ion:154	Resp:	782130
Ion Ratio	Lower	Upper
154	100	
153	111.4	89.1 133.7
152	53.7	43.0 64.4

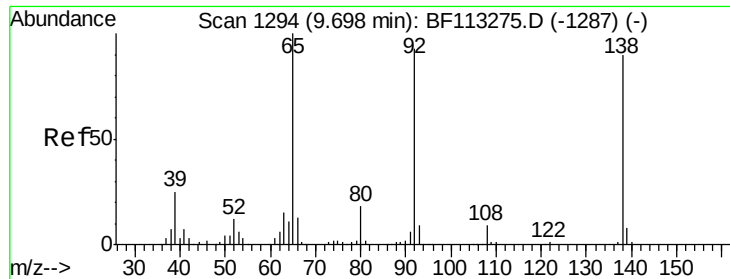


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

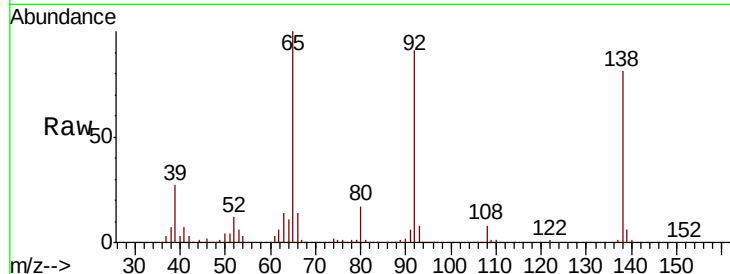




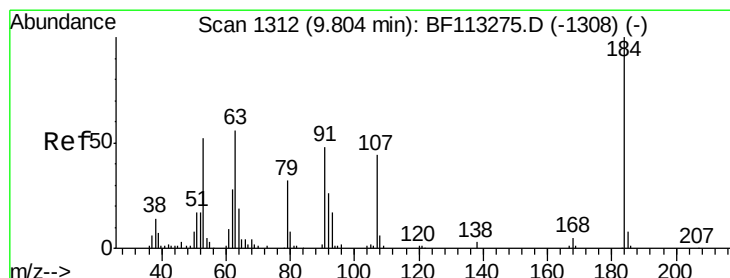
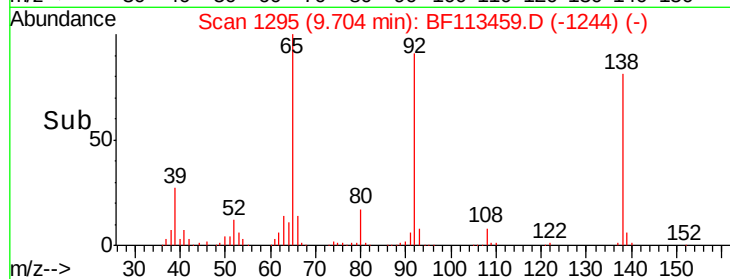
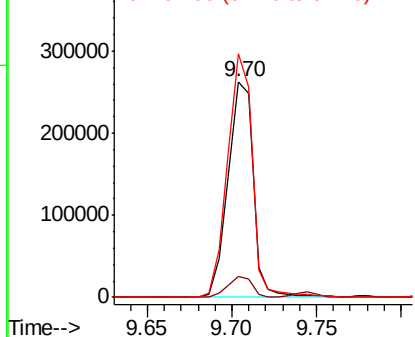
#53
 3-Nitroaniline
 Concen: 43.698 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. 0.00 min
 Lab File: BF113459.D
 Acq: 1 Apr 2019 11:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:138 Resp: 273495
 Ion Ratio Lower Upper
 138 100
 108 9.5 7.6 11.4
 92 112.9 90.3 135.5

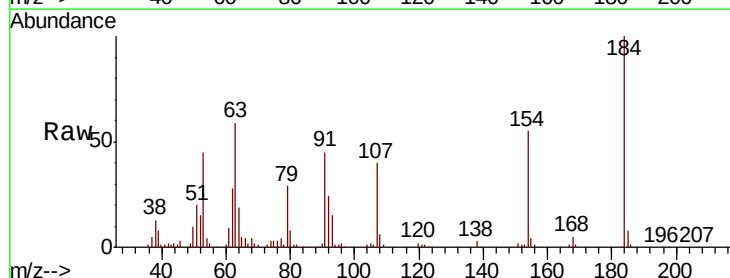


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

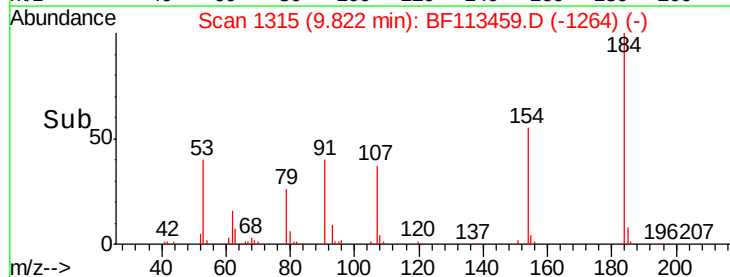
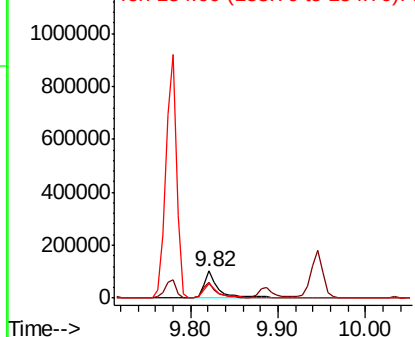


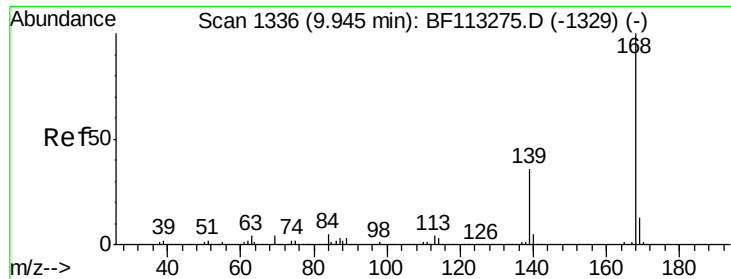
#54
 2,4-Dinitrophenol
 Concen: 42.799 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: BF113459.D
 Acq: 1 Apr 2019 11:40

Tgt Ion:184 Resp: 118138
 Ion Ratio Lower Upper
 184 100
 63 58.9 47.1 70.7
 154 55.4 44.3 66.5



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

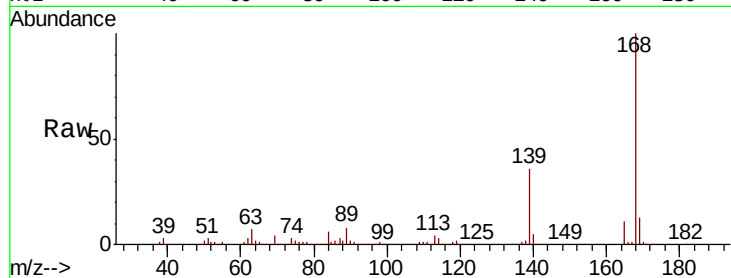




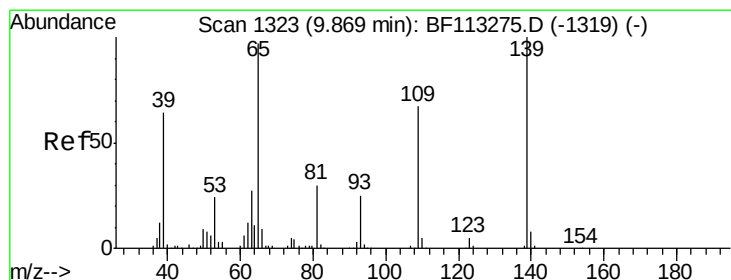
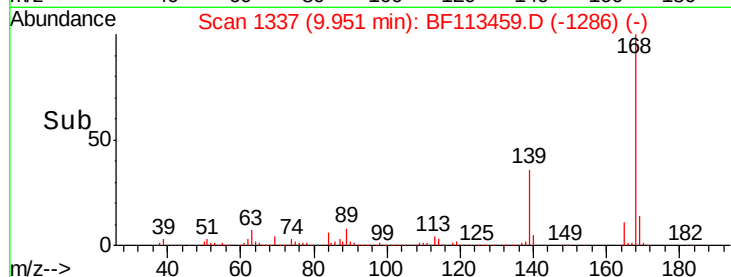
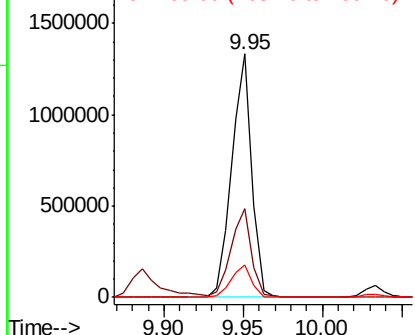
#55
Dibenzofuran
Concen: 39.849 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF113459.D
Acq: 1 Apr 2019 11:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1164444
Ion Ratio Lower Upper
168 100
139 36.4 29.1 43.7
169 13.5 10.8 16.2

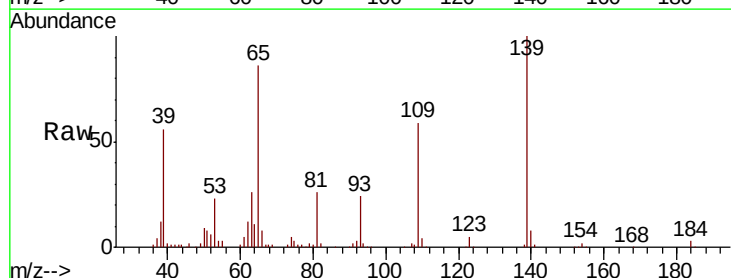


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

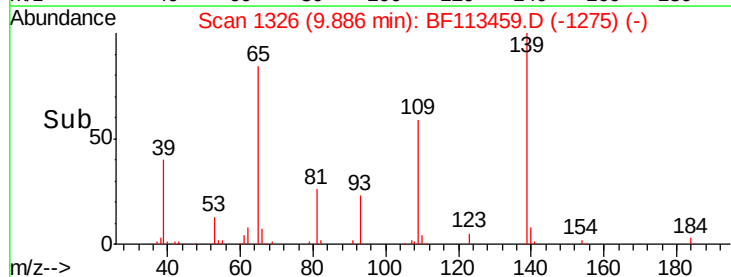
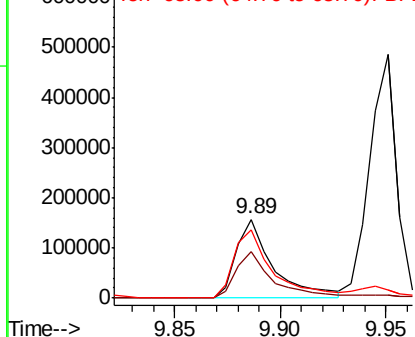


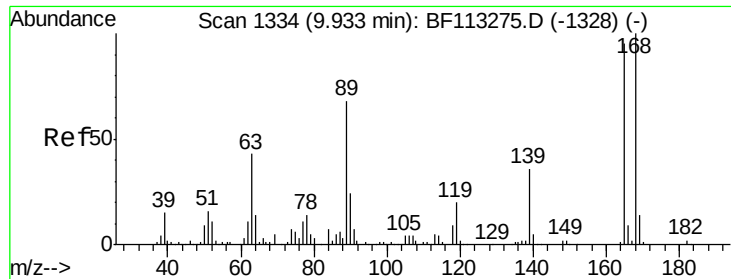
#56
4-Nitrophenol
Concen: 42.832 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF113459.D
Acq: 1 Apr 2019 11:40

Tgt Ion:139 Resp: 191121
Ion Ratio Lower Upper
139 100
109 59.0 39.0 79.0
65 85.7 65.7 105.7



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

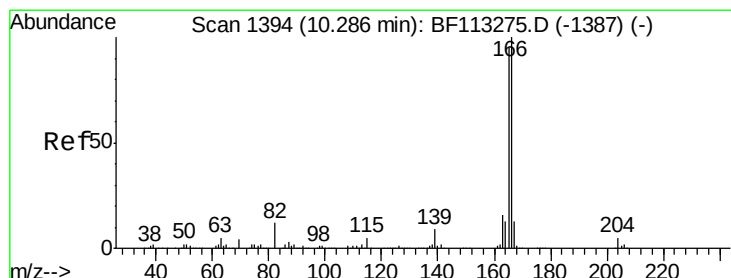
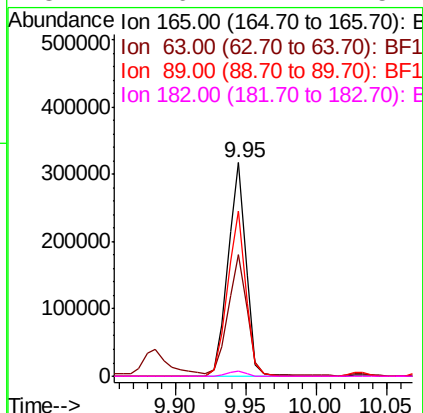
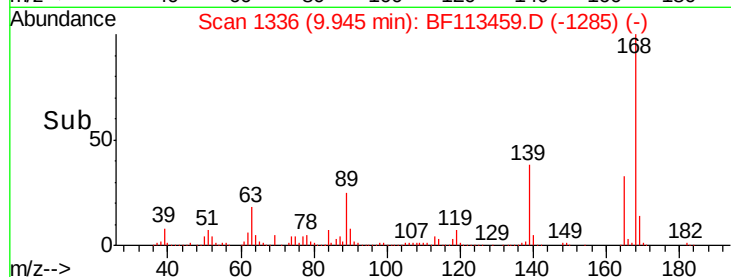
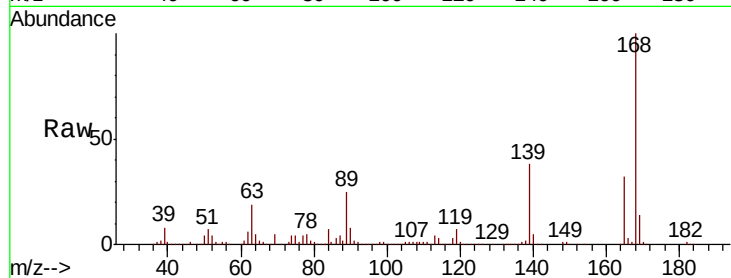




#57
 2,4-Dinitrotoluene
 Concen: 40.000 ng
 RT: 9.95 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: BF113459.D
 Acq: 1 Apr 2019 11:40

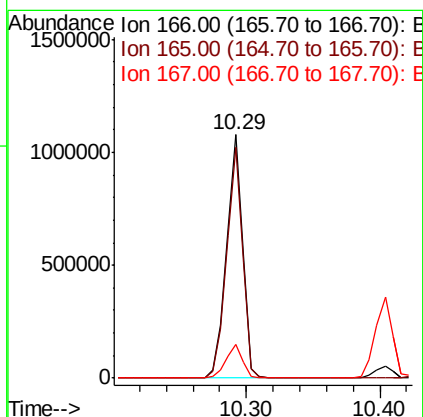
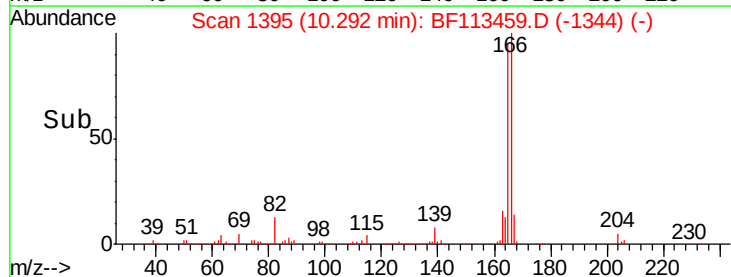
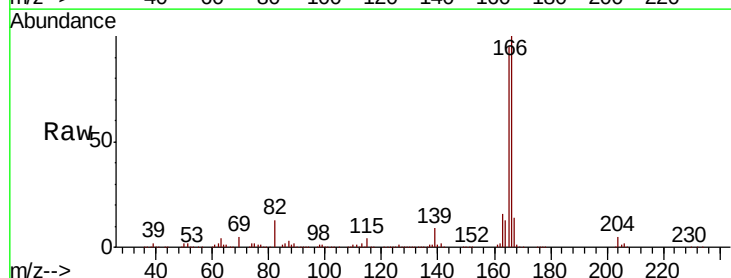
Instrument :
 BNA_F
 ClientSampleId :

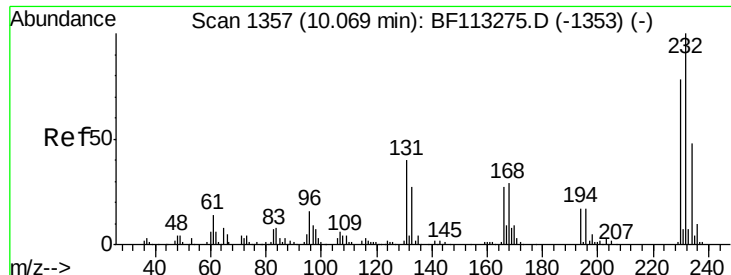
Tot Ion:165	Resp:	282312
Ion Ratio	Lower	Upper
165	100	
63	57.0	45.6 68.4
89	77.3	61.8 92.8
182	2.6	2.1 3.1



#58
 Fluorene
 Concen: 40.751 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. 0.00 min
 Lab File: BF113459.D
 Acq: 1 Apr 2019 11:40

Tgt Ion:166	Resp:	925075
Ion Ratio	Lower	Upper
166	100	
165	94.7	75.8 113.6
167	14.0	11.2 16.8

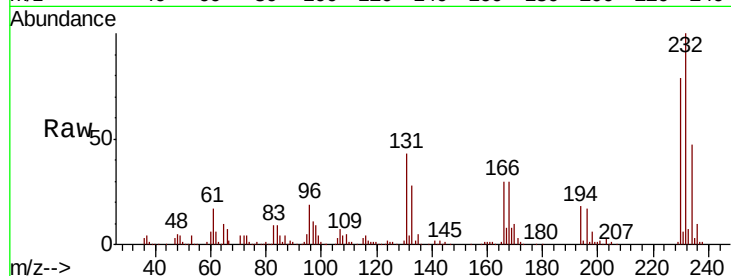




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.046 ng
 RT: 10.07 min Scan# 1358
 Delta R.T. 0.00 min
 Lab File: BF113459.D
 Acq: 1 Apr 2019 11:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	40.2	32.2	48.2
130	1.9	1.5	2.3
166	26.3	21.0	31.6



Abundance

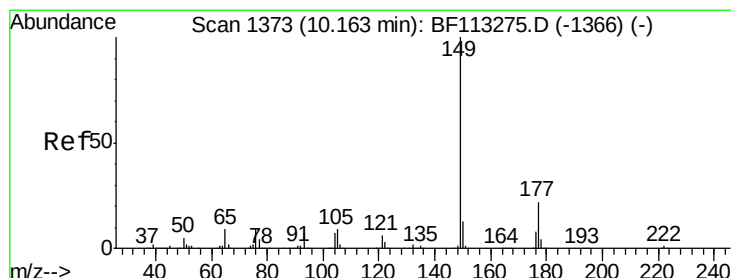
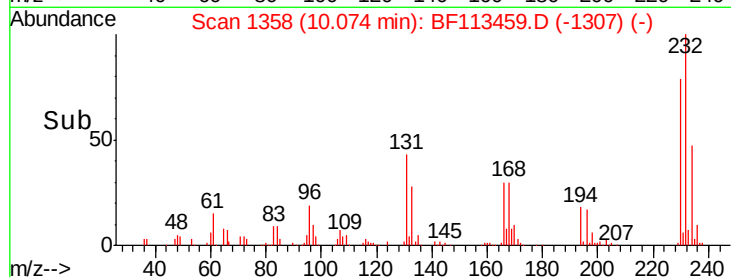
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

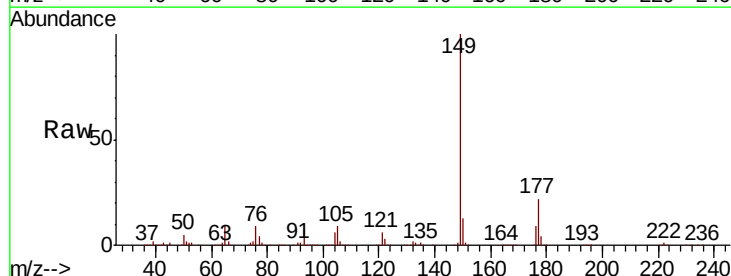
Ion 166.00 (165.70 to 166.70): E

Time-->



#60
 Diethylphthalate
 Concen: 42.319 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. 0.00 min
 Lab File: BF113459.D
 Acq: 1 Apr 2019 11:40

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.3	17.8	26.8
150	12.9	10.3	15.5



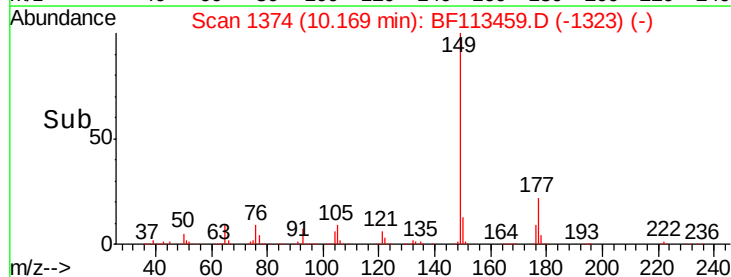
Abundance

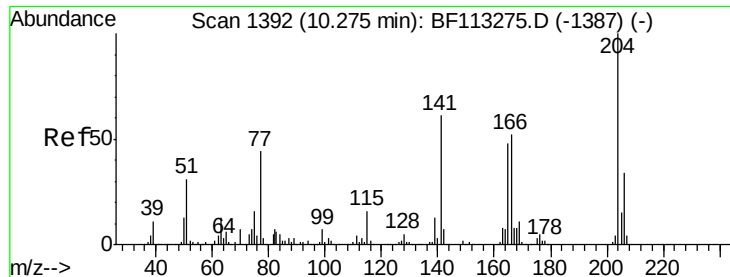
Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

Time-->

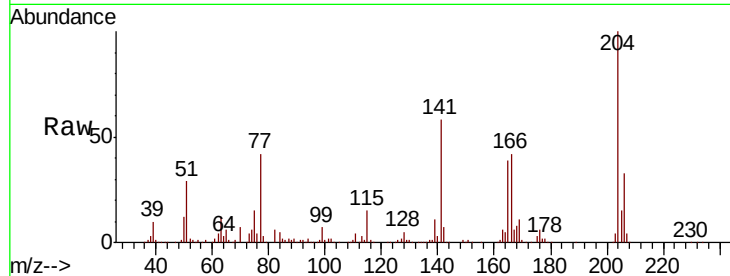




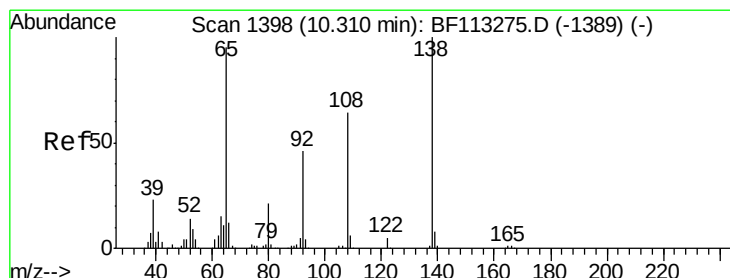
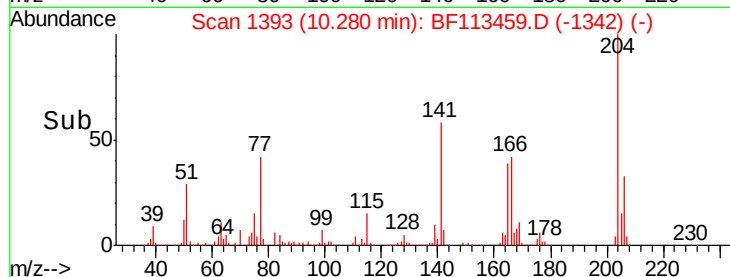
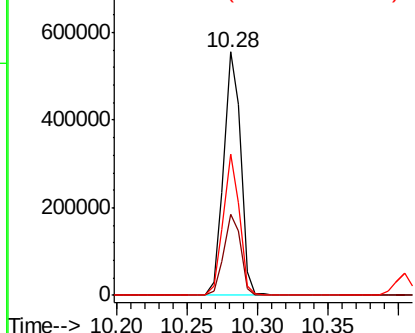
#61
4-Chlorophenyl-phenylether
Concen: 42.224 ng
RT: 10.28 min Scan# 1393
Delta R.T. 0.00 min
Lab File: BF113459.D
Acq: 1 Apr 2019 11:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 467163
Ion Ratio Lower Upper
204 100
206 33.2 26.6 39.8
141 57.9 46.3 69.5

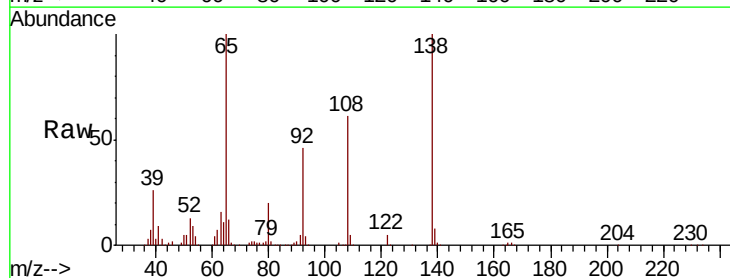


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

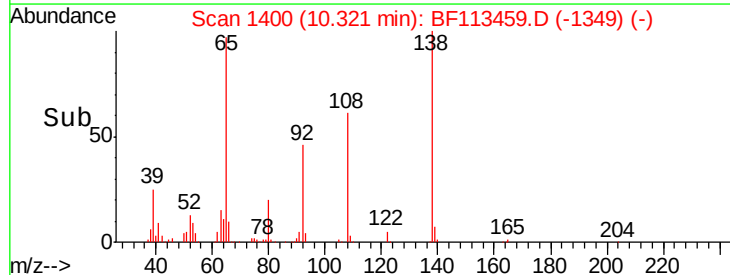
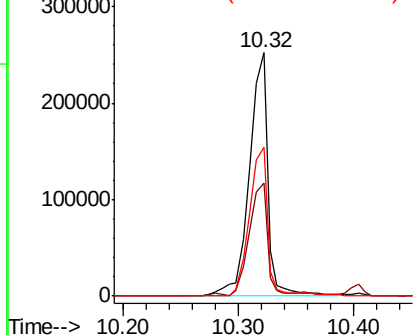


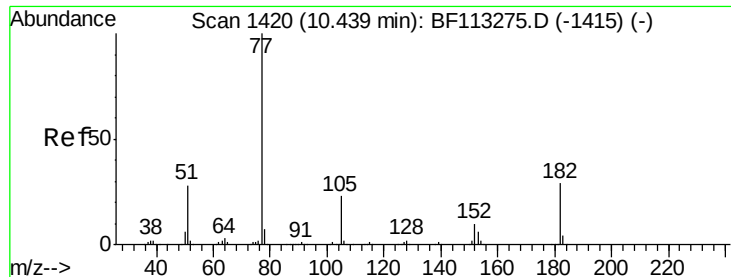
#62
4-Nitroaniline
Concen: 43.843 ng
RT: 10.32 min Scan# 1400
Delta R.T. 0.00 min
Lab File: BF113459.D
Acq: 1 Apr 2019 11:40

Tgt Ion:138 Resp: 282519
Ion Ratio Lower Upper
138 100
92 46.4 26.4 66.4
108 61.3 41.3 81.3



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

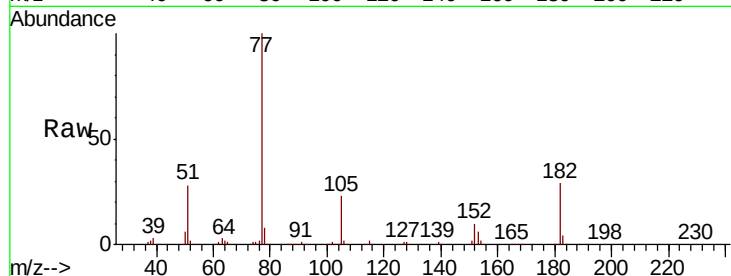




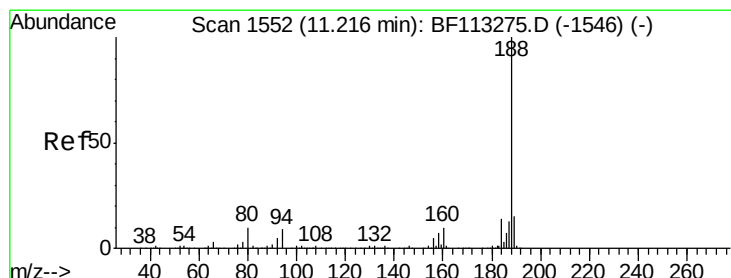
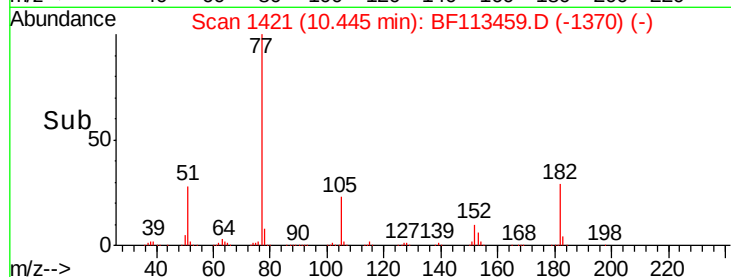
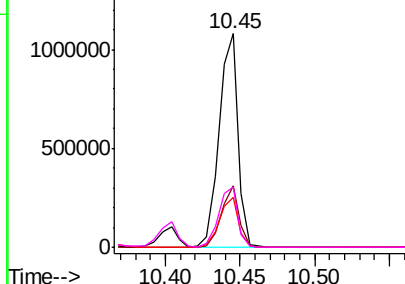
#63
Azobenzene
Concen: 42.107 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BF113459.D
Acq: 1 Apr 2019 11:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	77	Resp:	956563
Ion	Ratio	Lower	Upper
77	100		
182	28.7	8.7	48.7
105	23.3	3.3	43.3
51	28.2	8.2	48.2

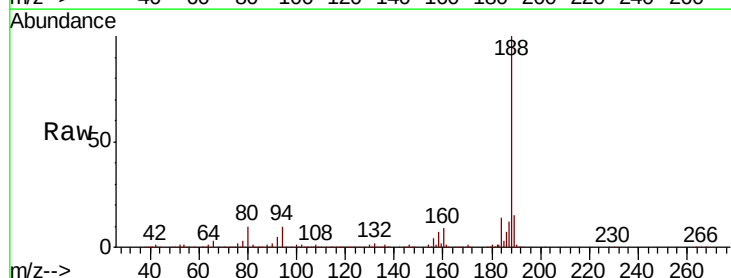


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

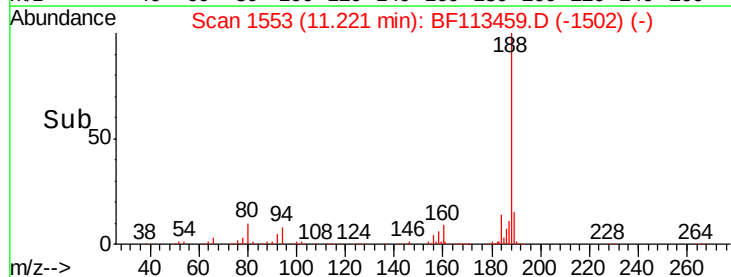
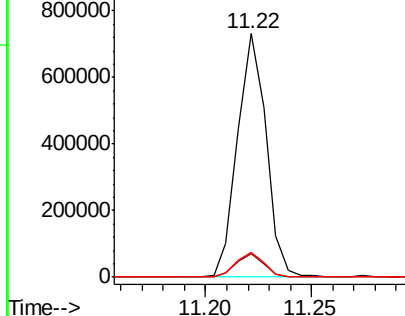


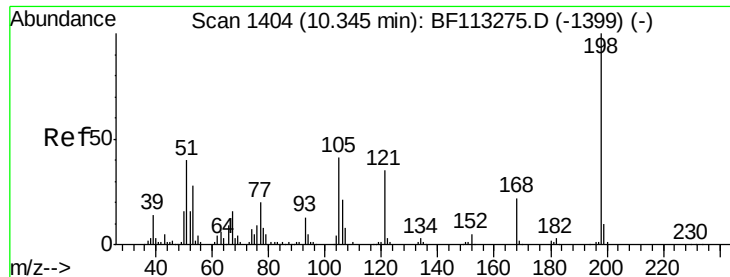
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1553
Delta R.T. 0.00 min
Lab File: BF113459.D
Acq: 1 Apr 2019 11:40

Tgt Ion:	188	Resp:	689953
Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.8	11.6
80	10.2	8.2	12.2



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

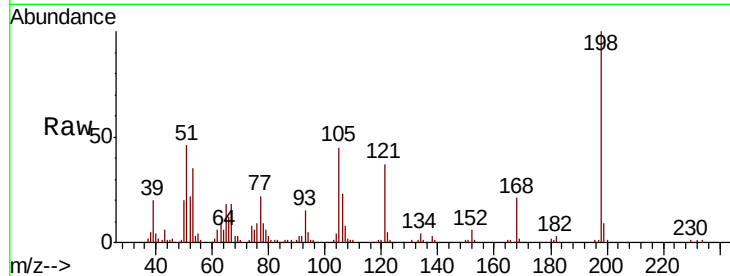




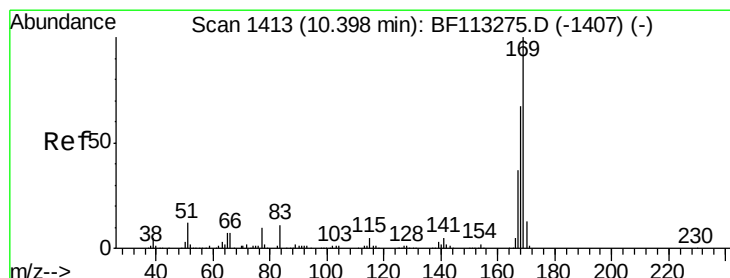
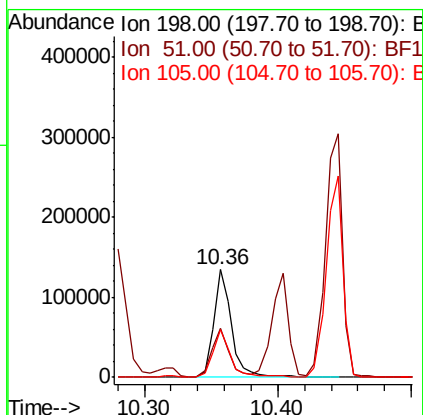
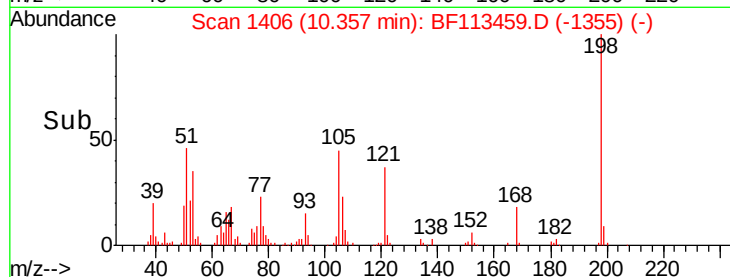
#65
4,6-Dinitro-2-methylphenol
Concen: 33.697 ng
RT: 10.36 min Scan# 1406
Delta R.T. 0.00 min
Lab File: BF113459.D
Acq: 1 Apr 2019 11:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 127184
Ion Ratio Lower Upper
198 100
51 45.9 25.9 65.9
105 44.7 24.7 64.7

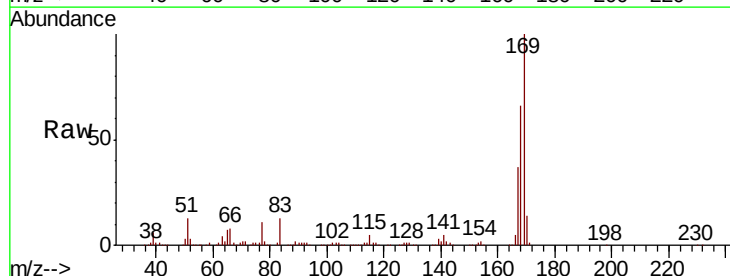


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

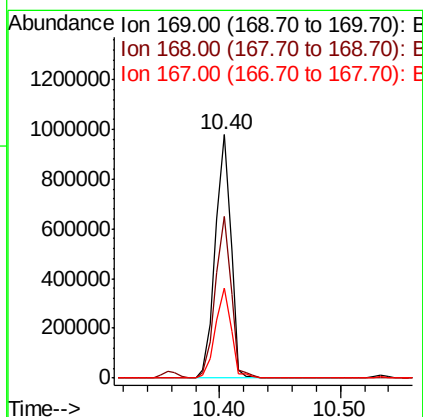
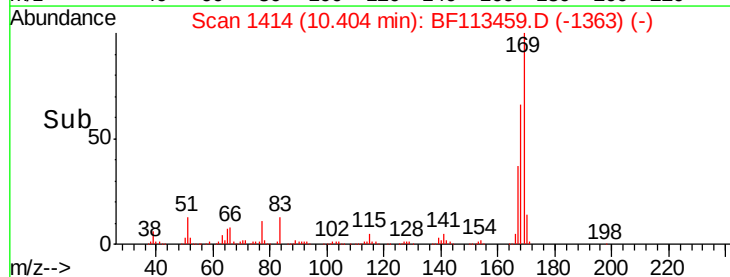


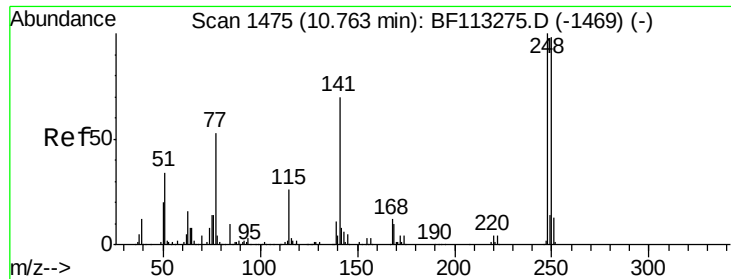
#66
n-Nitrosodiphenylamine
Concen: 40.479 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF113459.D
Acq: 1 Apr 2019 11:40

Tgt Ion:169 Resp: 857003
Ion Ratio Lower Upper
169 100
168 66.3 53.0 79.6
167 36.7 29.4 44.0



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

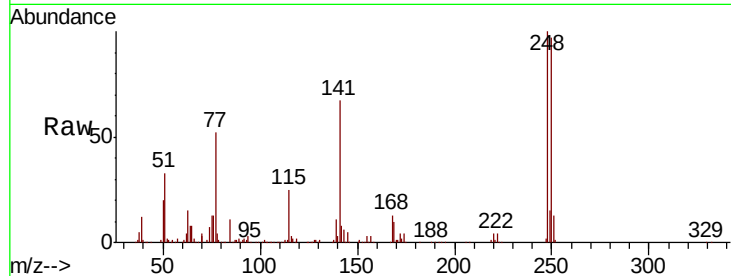




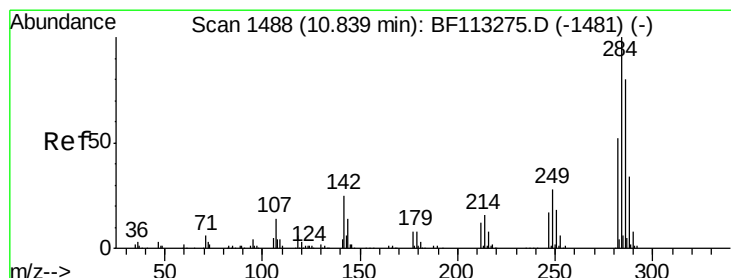
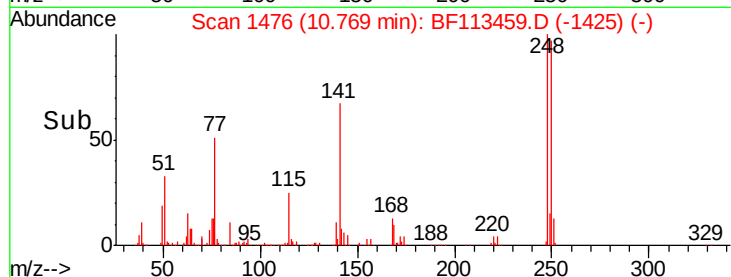
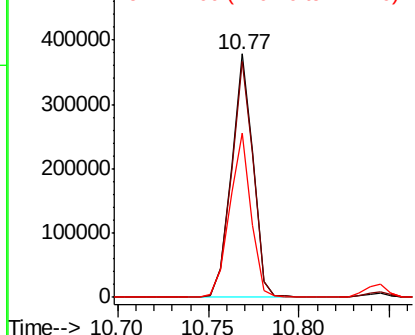
#67
 4-Bromophenyl-phenylether
 Concen: 41.884 ng
 RT: 10.77 min Scan# 1476
 Delta R.T. 0.00 min
 Lab File: BF113459.D
 Acq: 1 Apr 2019 11:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 314962
 Ion Ratio Lower Upper
 248 100
 250 96.9 77.5 116.3
 141 67.5 54.0 81.0

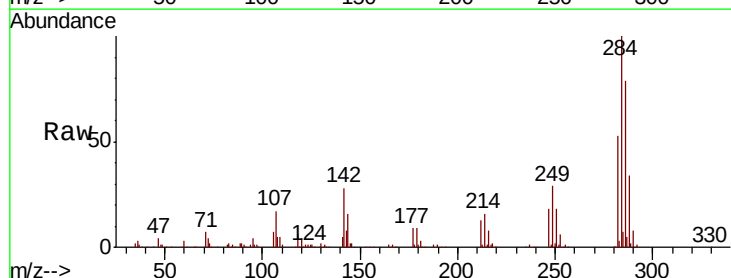


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

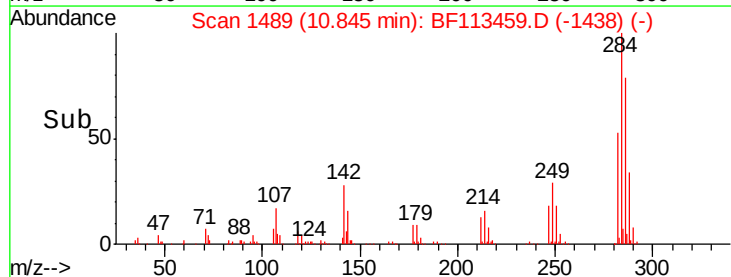
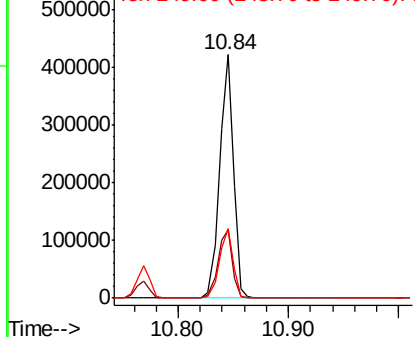


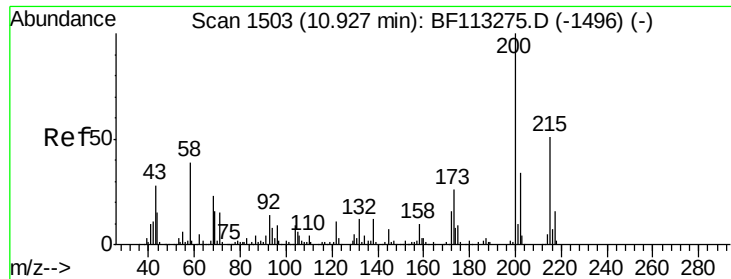
#68
 Hexachlorobenzene
 Concen: 42.082 ng
 RT: 10.84 min Scan# 1489
 Delta R.T. 0.00 min
 Lab File: BF113459.D
 Acq: 1 Apr 2019 11:40

Tgt Ion:284 Resp: 367320
 Ion Ratio Lower Upper
 284 100
 142 27.9 22.3 33.5
 249 28.7 23.0 34.4



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

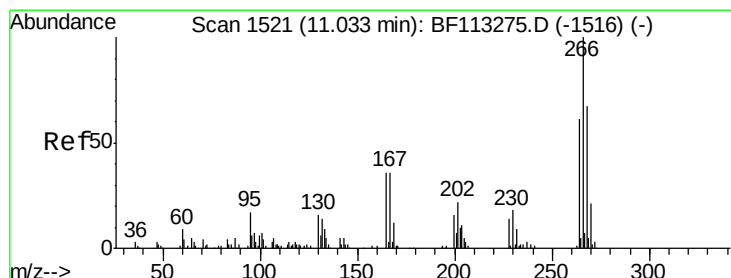
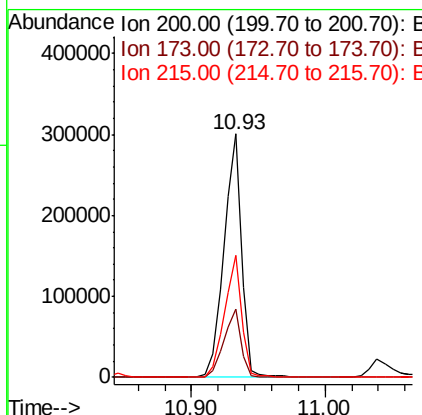
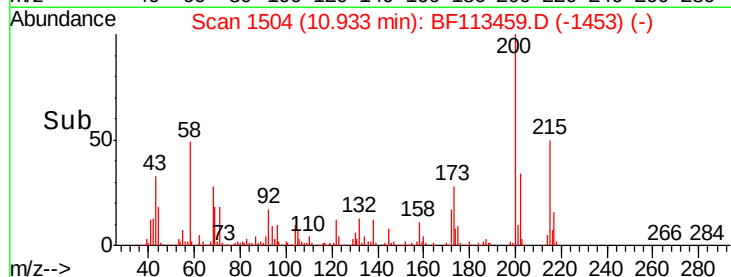
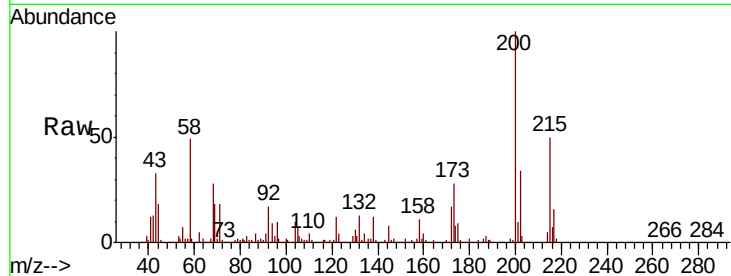




#69
Atrazine
Concen: 42.078 ng
RT: 10.93 min Scan# 1504
Delta R.T. 0.00 min
Lab File: BF113459.D
Acq: 1 Apr 2019 11:40

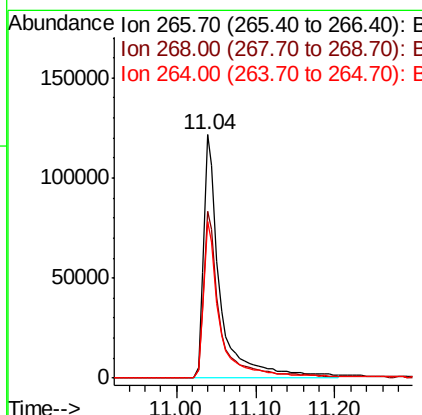
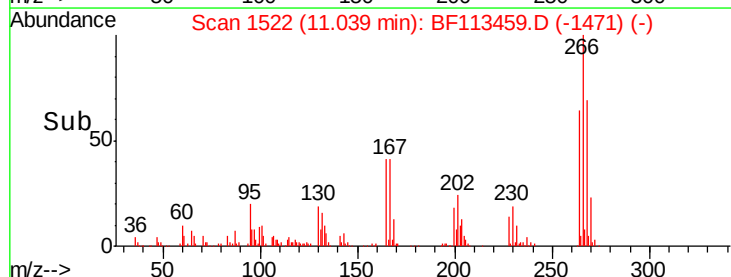
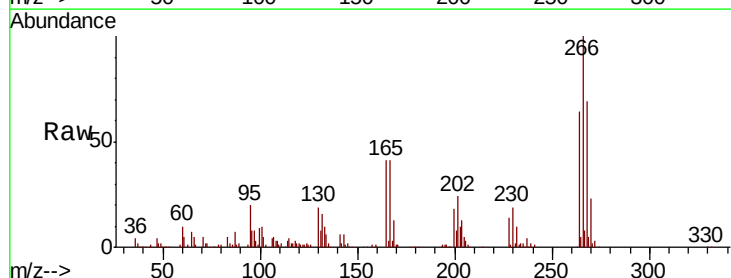
Instrument :
BNA_F
ClientSampled :

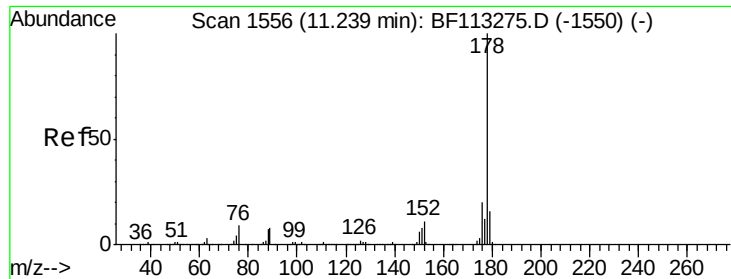
Tot Ion:200 Resp: 281186
Ion Ratio Lower Upper
200 100
173 27.8 7.8 47.8
215 50.0 30.0 70.0



#70
Pentachlorophenol
Concen: 39.742 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.00 min
Lab File: BF113459.D
Acq: 1 Apr 2019 11:40

Tgt Ion:266 Resp: 180734
Ion Ratio Lower Upper
266 100
268 68.6 54.9 82.3
264 64.2 51.4 77.0

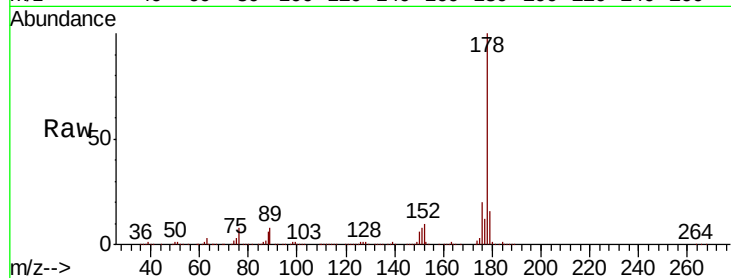




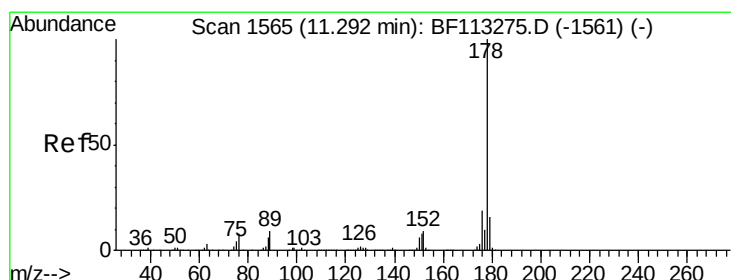
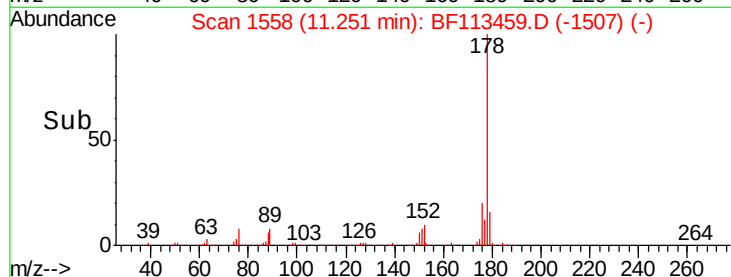
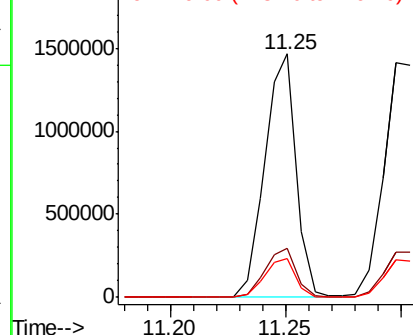
#71
Phenanthrene
Concen: 40.396 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF113459.D
Acq: 1 Apr 2019 11:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 1384103
Ion Ratio Lower Upper
178 100
176 20.1 16.1 24.1
179 15.8 12.6 19.0

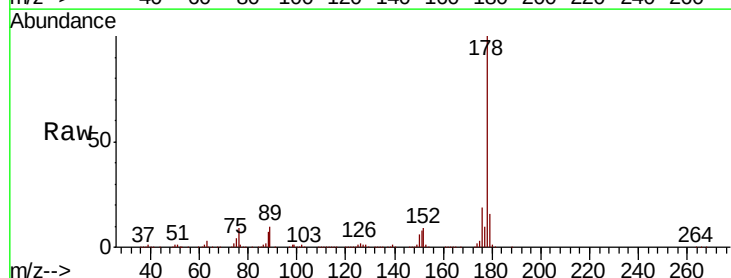


Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

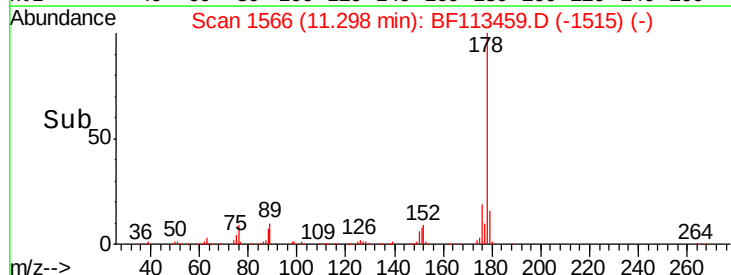
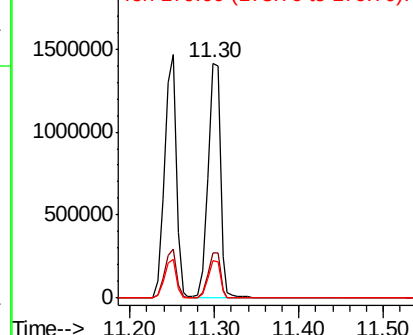


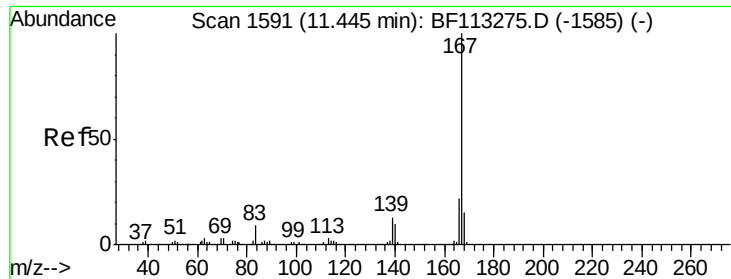
#72
Anthracene
Concen: 41.290 ng
RT: 11.30 min Scan# 1566
Delta R.T. 0.00 min
Lab File: BF113459.D
Acq: 1 Apr 2019 11:40

Tgt Ion:178 Resp: 1436982
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 16.1 12.9 19.3



Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

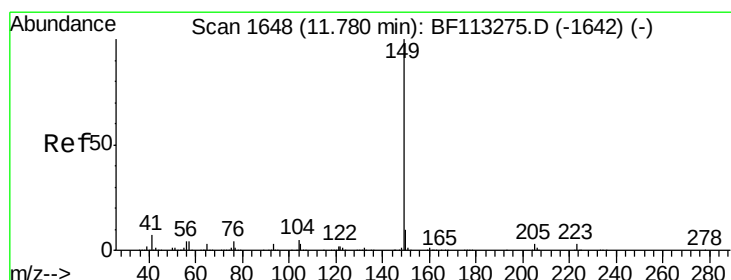
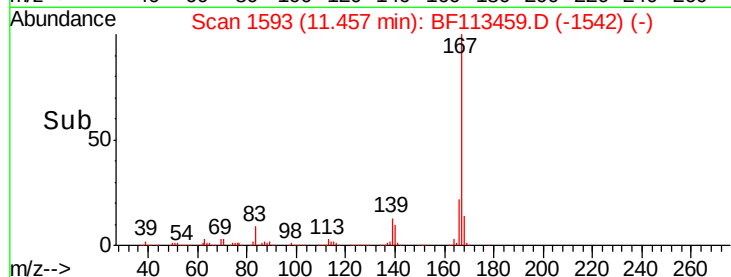
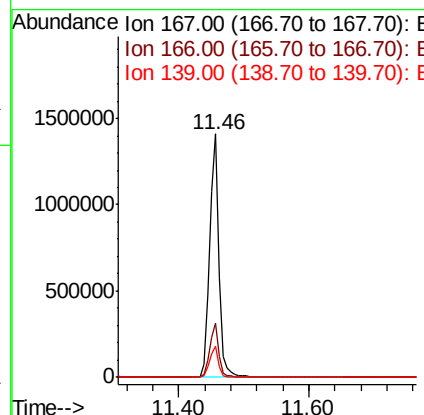
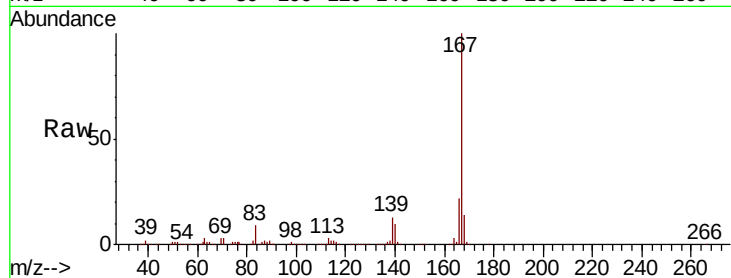




#73
 Carbazole
 Concen: 41.580 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. 0.00 min
 Lab File: BF113459.D
 Acq: 1 Apr 2019 11:40

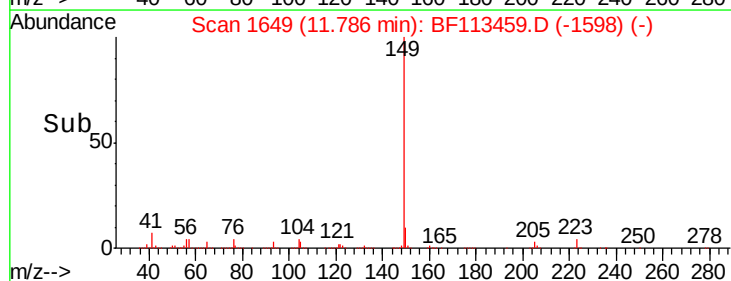
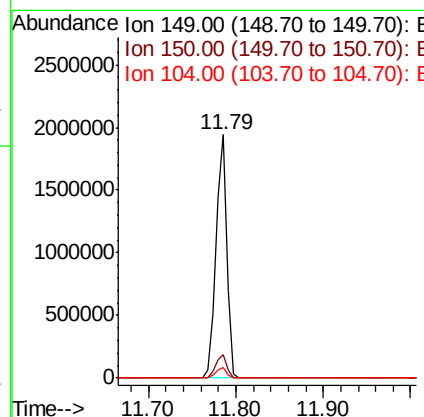
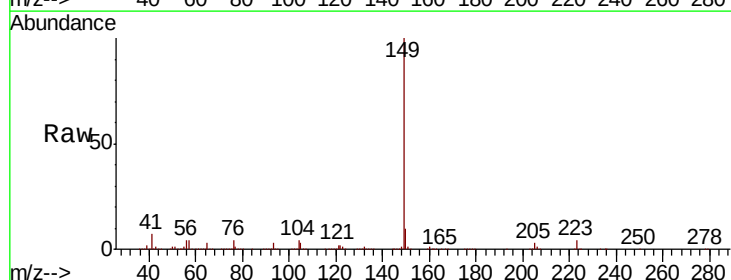
Instrument :
 BNA_F
 ClientSampleId :

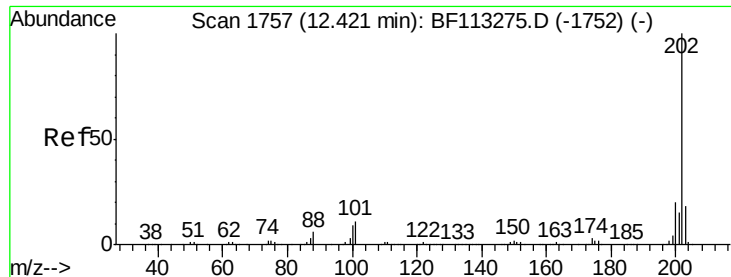
Tot Ion:167 Resp: 1380830
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.8 26.8
 139 12.7 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 43.392 ng
 RT: 11.79 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: BF113459.D
 Acq: 1 Apr 2019 11:40

Tgt Ion:149 Resp: 1671046
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.8 11.8
 104 4.4 3.5 5.3

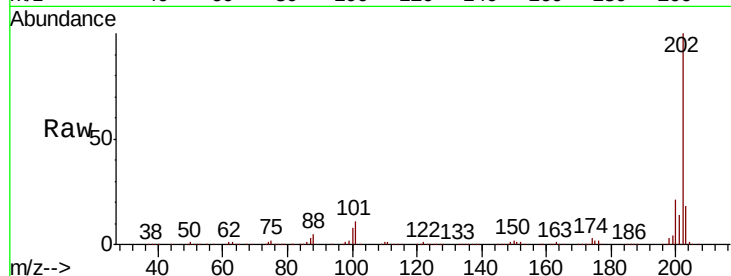




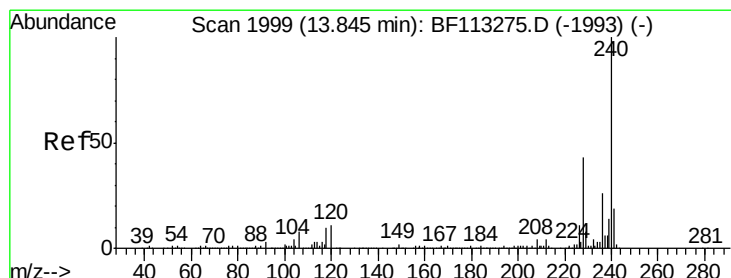
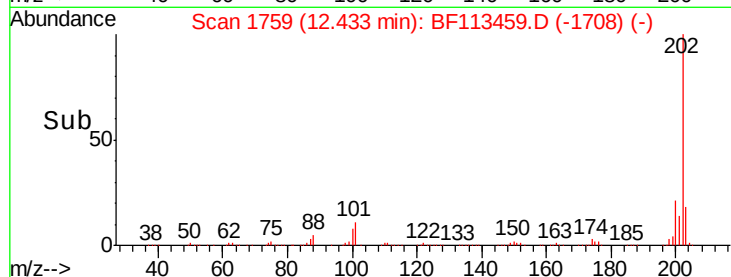
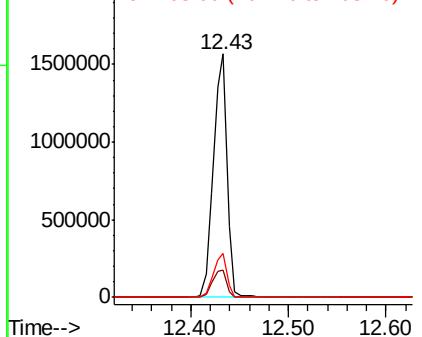
#75
Fluoranthene
Concen: 39.140 ng
RT: 12.43 min Scan# 1759
Delta R.T. 0.00 min
Lab File: BF113459.D
Acq: 1 Apr 2019 11:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1516032
Ion Ratio Lower Upper
202 100
101 10.9 0.0 30.9
203 18.2 0.0 38.2

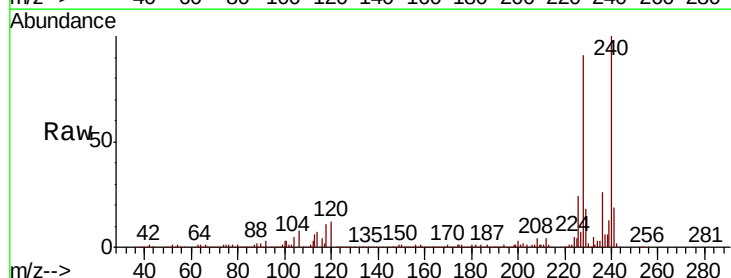


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

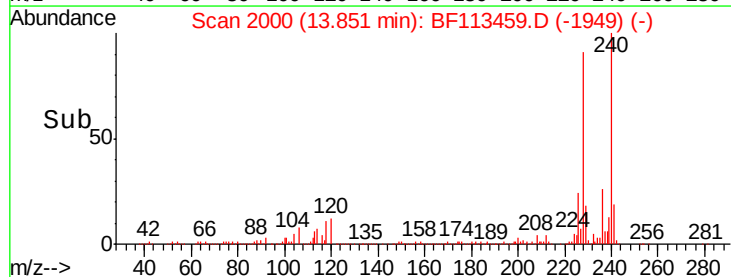
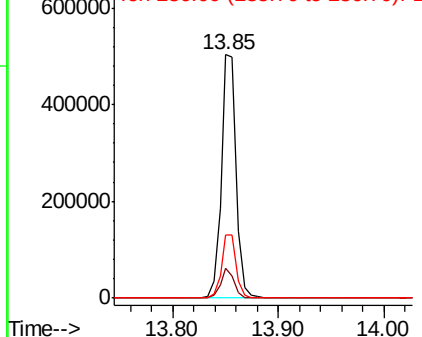


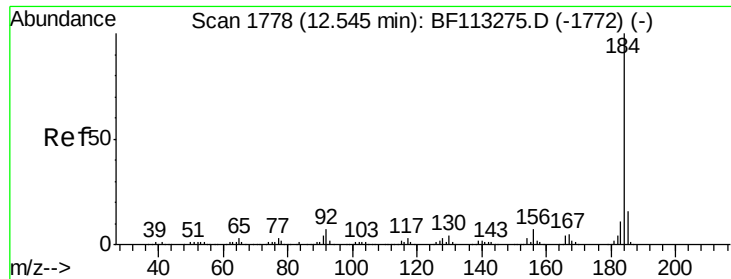
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 2000
Delta R.T. 0.00 min
Lab File: BF113459.D
Acq: 1 Apr 2019 11:40

Tgt Ion:240 Resp: 496323
Ion Ratio Lower Upper
240 100
120 12.1 9.7 14.5
236 26.1 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: 50.824 ng

RT: 12.55 min Scan# 1779

Delta R.T. 0.00 min

Lab File: BF113459.D

Acq: 1 Apr 2019 11:40

Instrument :

BNA_F

ClientSampleId :

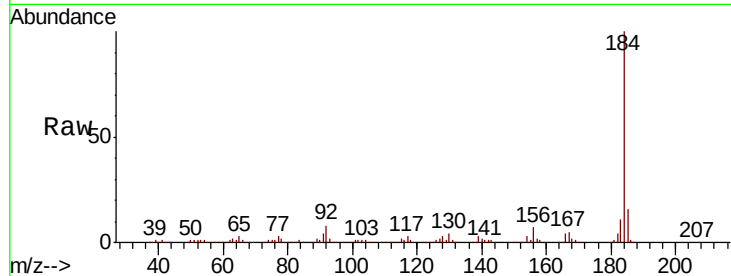
Tot Ion:184 Resp: 965991

Ion Ratio Lower Upper

184 100

185 16.0 12.8 19.2

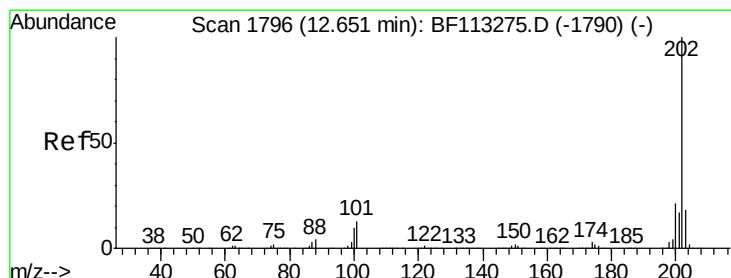
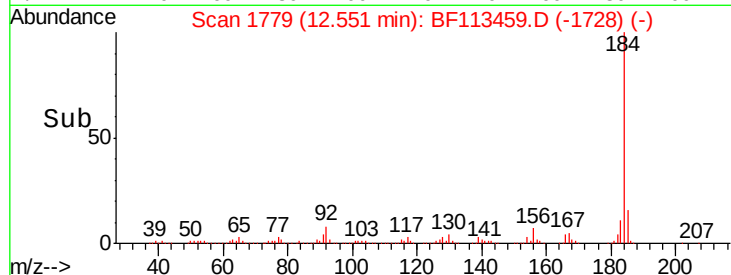
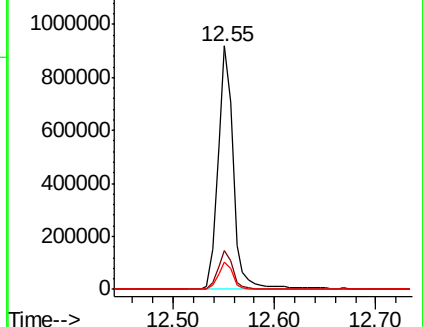
183 11.1 8.9 13.3



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: 44.164 ng

RT: 12.66 min Scan# 1797

Delta R.T. 0.00 min

Lab File: BF113459.D

Acq: 1 Apr 2019 11:40

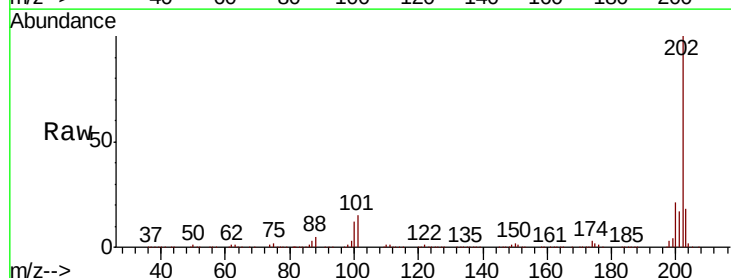
Tgt Ion:202 Resp: 1518960

Ion Ratio Lower Upper

202 100

200 21.3 17.0 25.6

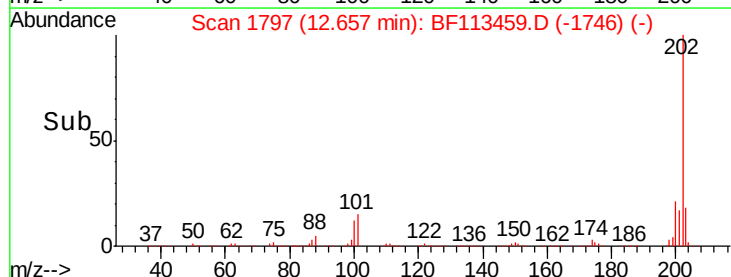
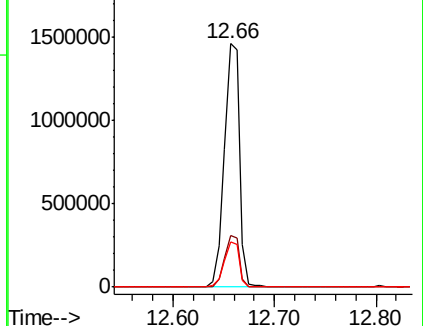
203 18.4 14.7 22.1

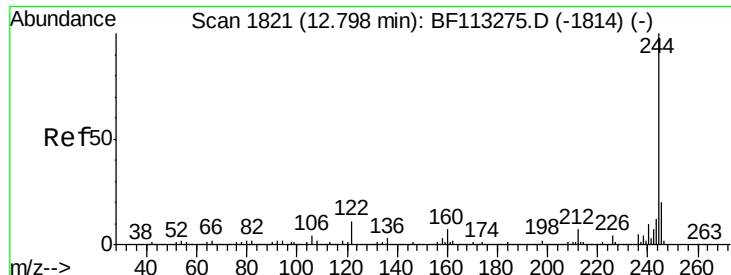


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

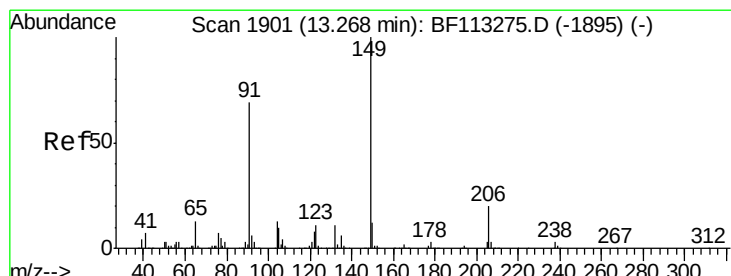
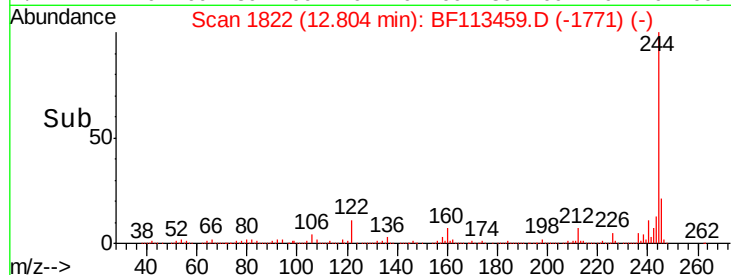
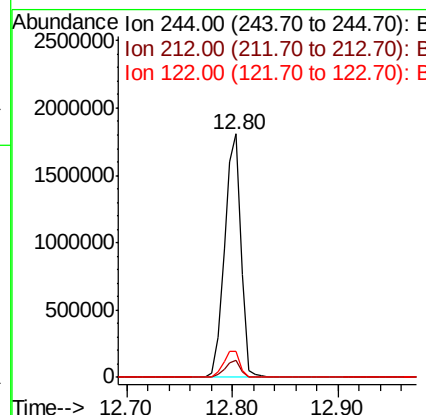
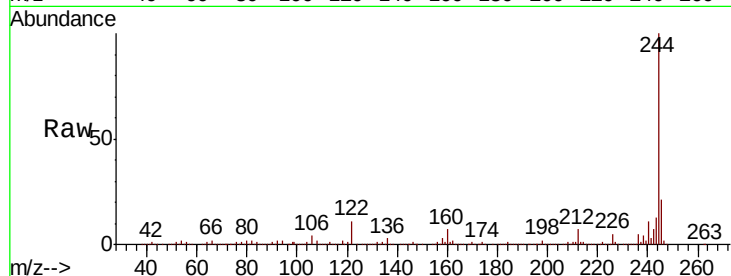




#79
 Terphenyl-d14
 Concen: 87.438 ng
 RT: 12.80 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: BF113459.D
 Acq: 1 Apr 2019 11:40

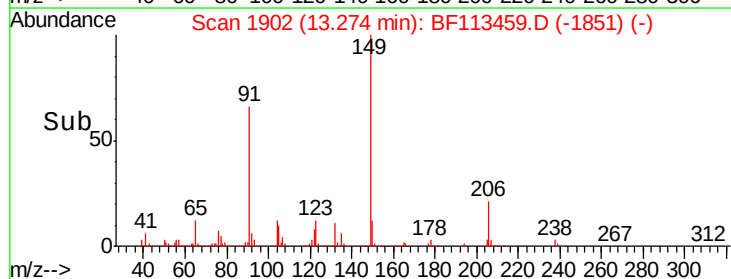
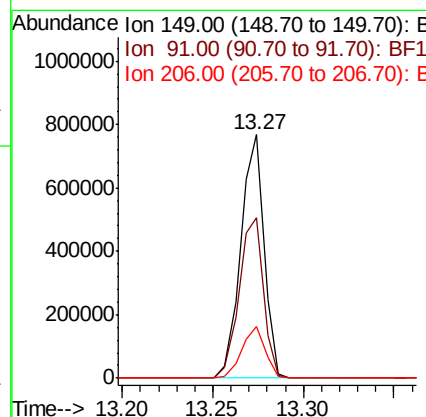
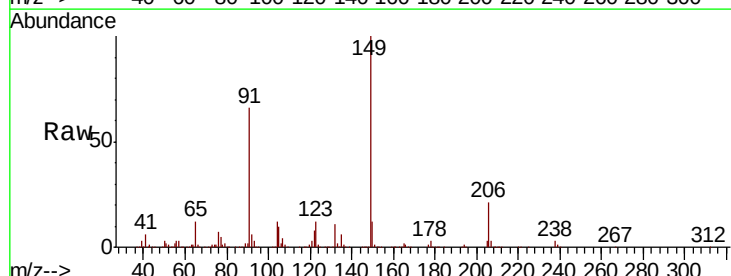
Instrument :
 BNA_F
 ClientSampled :

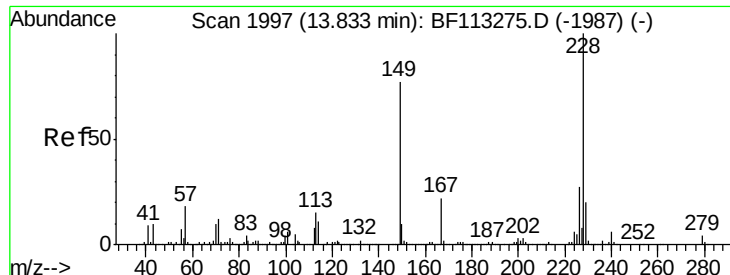
Tot Ion:244 Resp: 1968885
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 10.9 8.7 13.1



#80
 Butylbenzylphthalate
 Concen: 45.317 ng
 RT: 13.27 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: BF113459.D
 Acq: 1 Apr 2019 11:40

Tgt Ion:149 Resp: 686891
 Ion Ratio Lower Upper
 149 100
 91 65.8 52.6 79.0
 206 21.2 17.0 25.4





#81

Benzo(a)anthracene

Concen: 40.578 ng

RT: 13.84 min Scan# 1999

Delta R.T. 0.00 min

Lab File: BF113459.D

Acq: 1 Apr 2019 11:40

Instrument :

BNA_F

ClientSampleId :

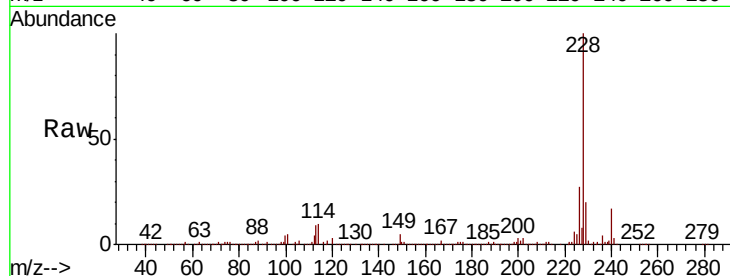
Tot Ion:228 Resp: 1152846

Ion Ratio Lower Upper

228 100

226 27.5 22.0 33.0

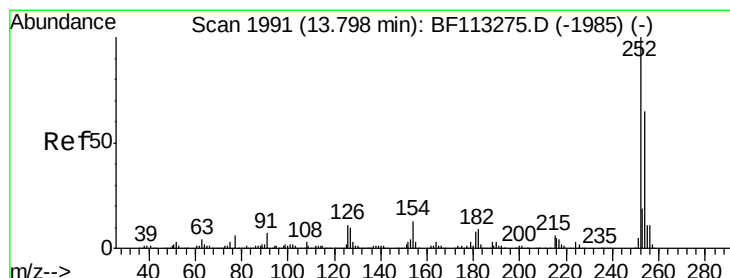
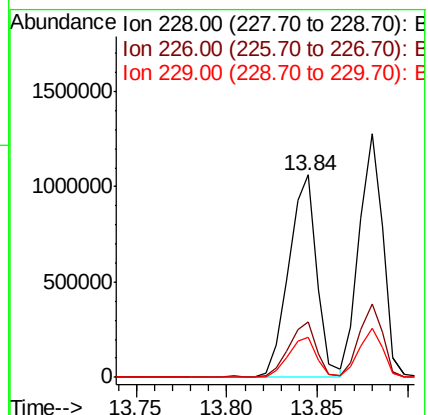
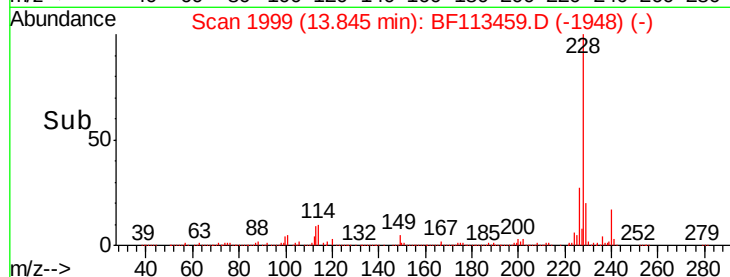
229 20.0 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 42.965 ng

RT: 13.80 min Scan# 1992

Delta R.T. 0.00 min

Lab File: BF113459.D

Acq: 1 Apr 2019 11:40

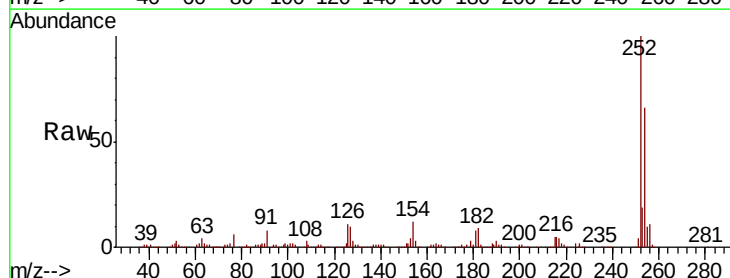
Tgt Ion:252 Resp: 489683

Ion Ratio Lower Upper

252 100

254 65.6 52.5 78.7

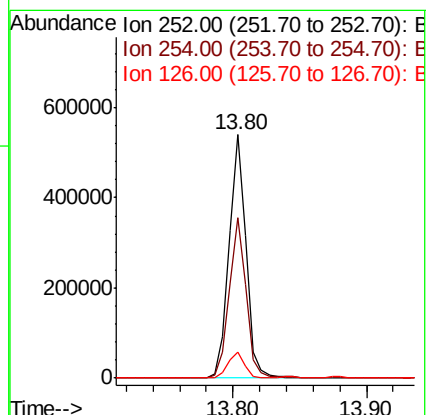
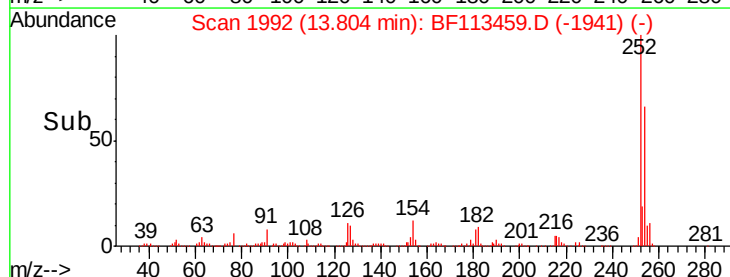
126 10.6 8.5 12.7

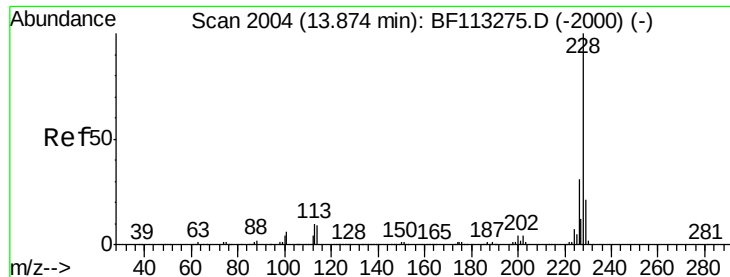


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.523 ng

RT: 13.88 min Scan# 2005

Delta R.T. 0.00 min

Lab File: BF113459.D

Acq: 1 Apr 2019 11:40

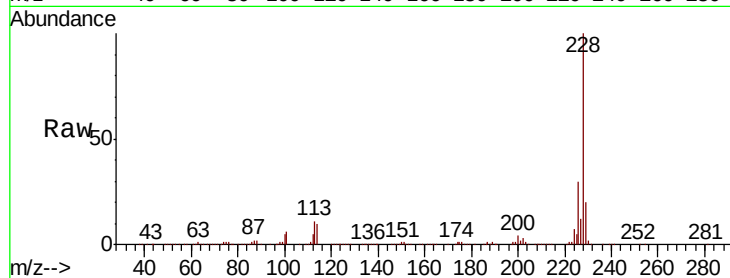
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1169387

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.2	36.4
229	20.2	16.2	24.2

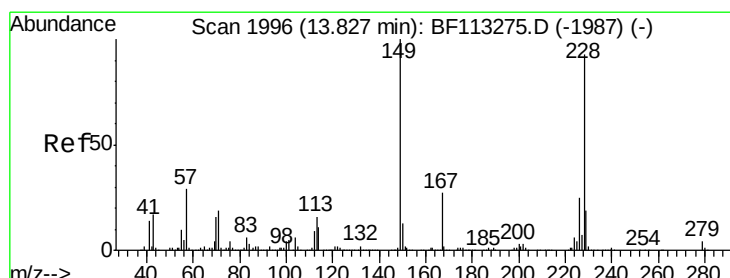
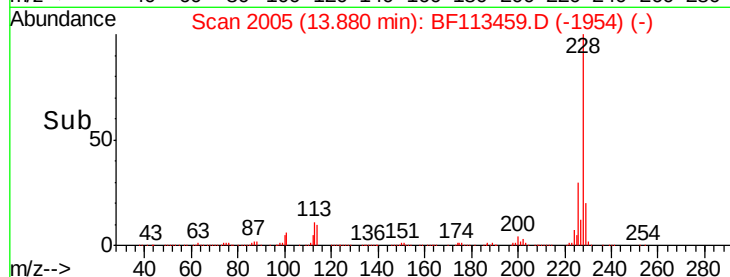
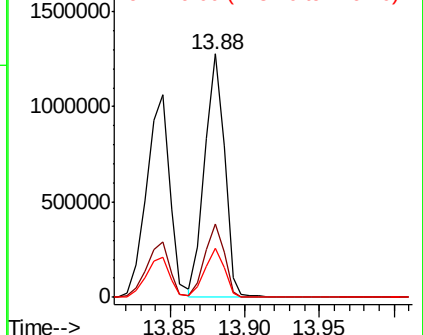


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.570 ng

RT: 13.83 min Scan# 1997

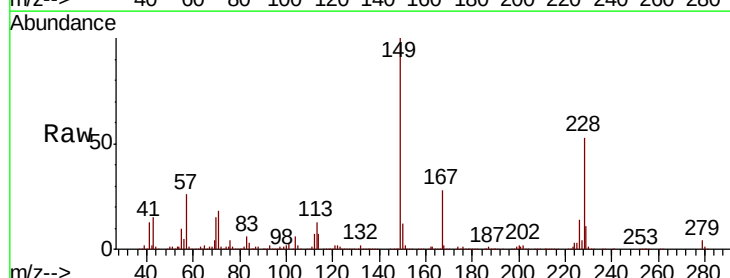
Delta R.T. 0.00 min

Lab File: BF113459.D

Acq: 1 Apr 2019 11:40

Tgt Ion:149 Resp: 883937

Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.6	33.8
279	4.3	3.4	5.2

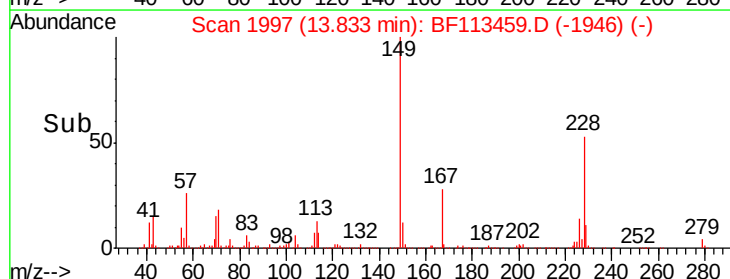
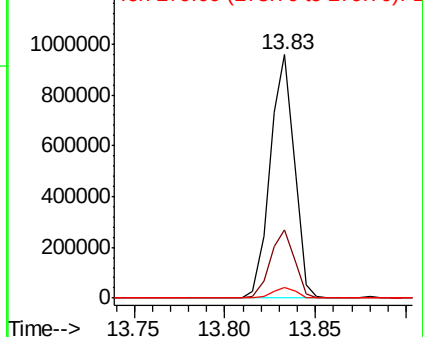


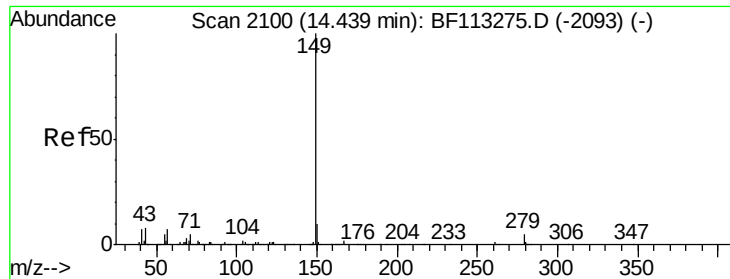
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 44.689 ng

RT: 14.44 min Scan# 2100

Delta R.T. 0.00 min

Lab File: BF113459.D

Acq: 1 Apr 2019 11:40

Instrument :

BNA_F

ClientSampleId :

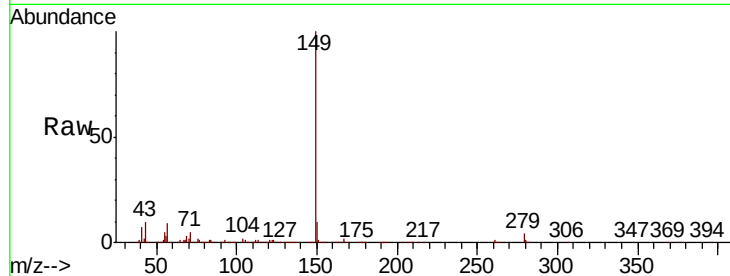
Tot Ion:149 Resp: 1409535

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

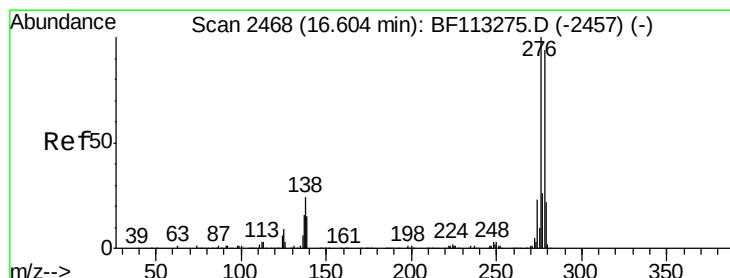
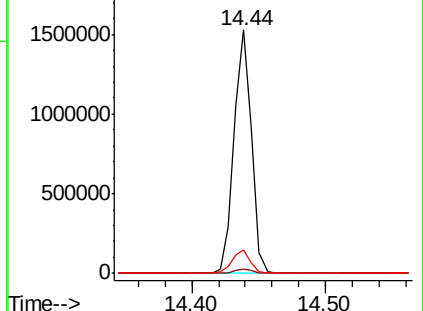
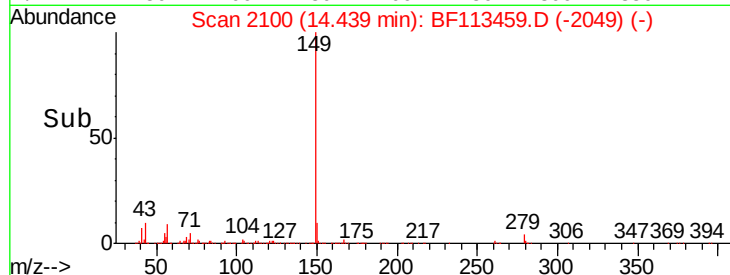
43 9.8 7.8 11.8



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: 41.454 ng

RT: 16.63 min Scan# 2473

Delta R.T. 0.00 min

Lab File: BF113459.D

Acq: 1 Apr 2019 11:40

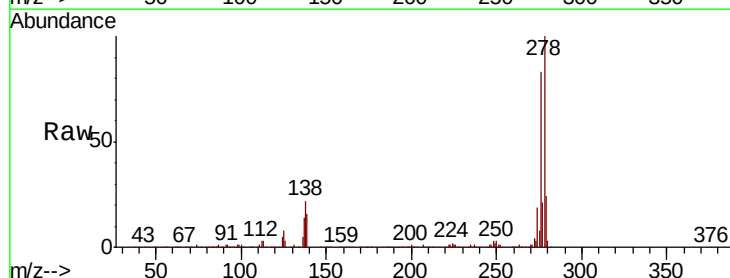
Tgt Ion:276 Resp: 1026639

Ion Ratio Lower Upper

276 100

138 24.1 19.3 28.9

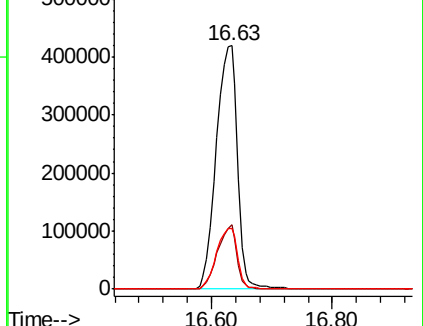
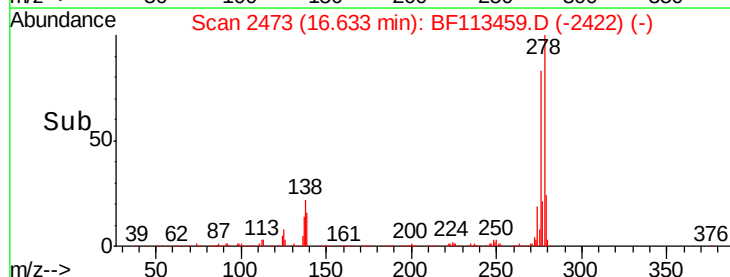
277 25.0 20.0 30.0

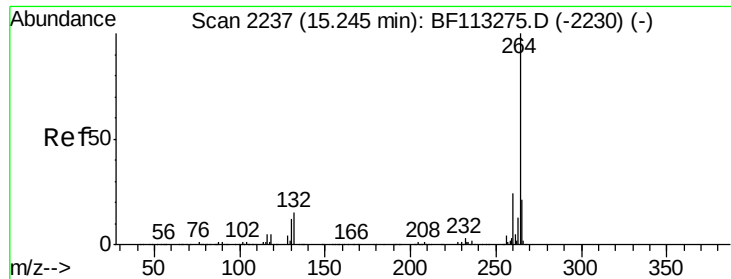


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.26 min Scan# 2239

Delta R.T. 0.00 min

Lab File: BF113459.D

Acq: 1 Apr 2019 11:40

Instrument :

BNA_F

ClientSampleId :

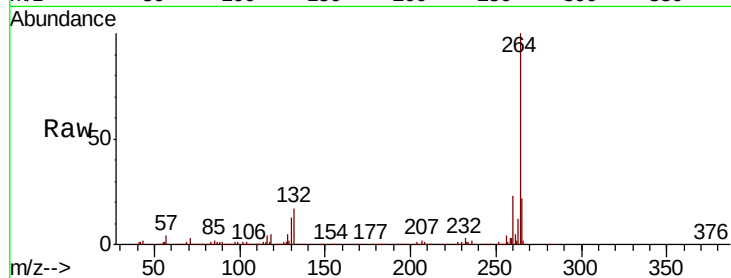
Tot Ion:264 Resp: 416384

Ion Ratio Lower Upper

264 100

260 23.5 18.8 28.2

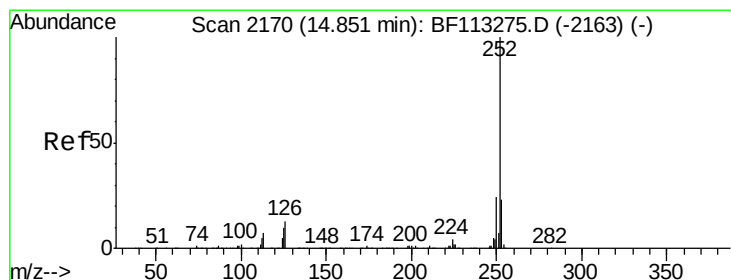
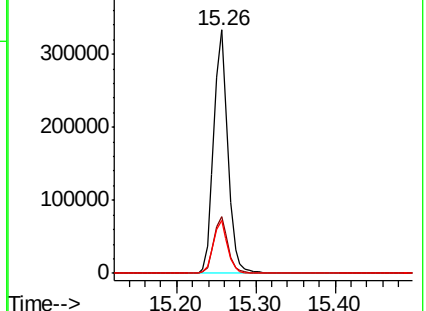
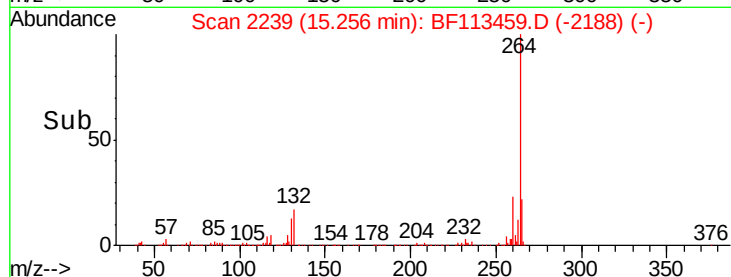
265 21.5 17.2 25.8



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: 40.226 ng

RT: 14.86 min Scan# 2172

Delta R.T. 0.00 min

Lab File: BF113459.D

Acq: 1 Apr 2019 11:40

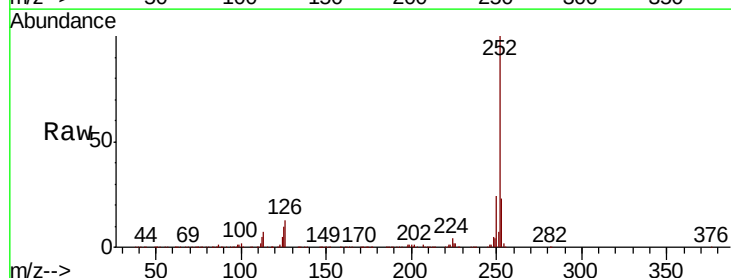
Tgt Ion:252 Resp: 1040471

Ion Ratio Lower Upper

252 100

253 22.7 18.2 27.2

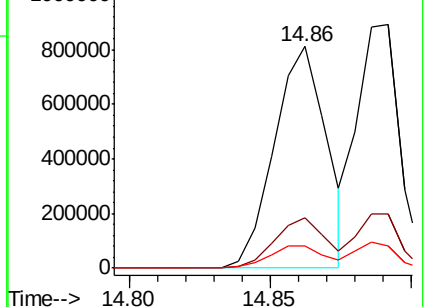
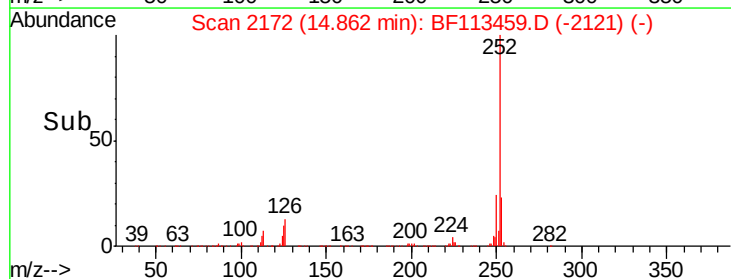
125 10.2 8.2 12.2

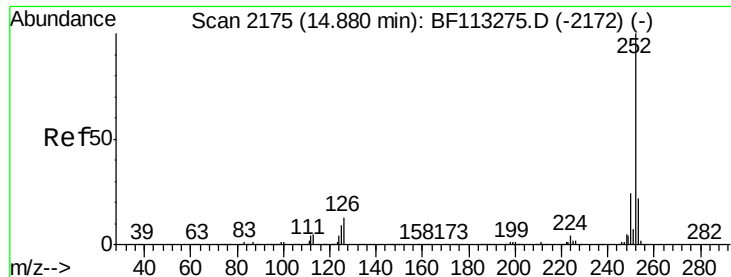


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

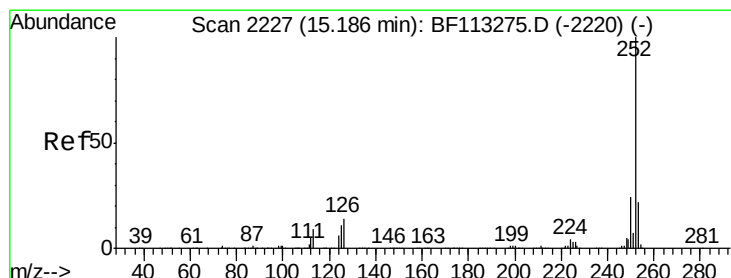
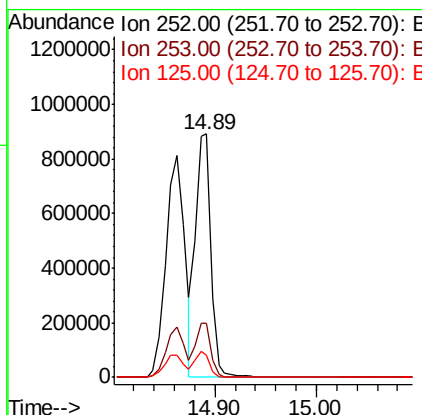
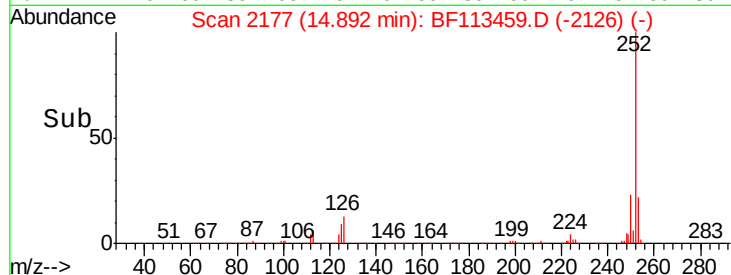
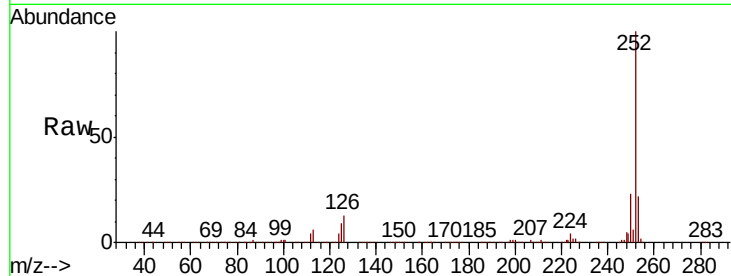




#89
Benzo(k)fluoranthene
Concen: 41.368 ng
RT: 14.89 min Scan# 2177
Delta R.T. 0.00 min
Lab File: BF113459.D
Acq: 1 Apr 2019 11:40

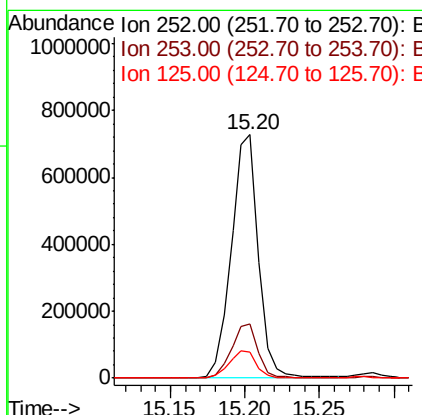
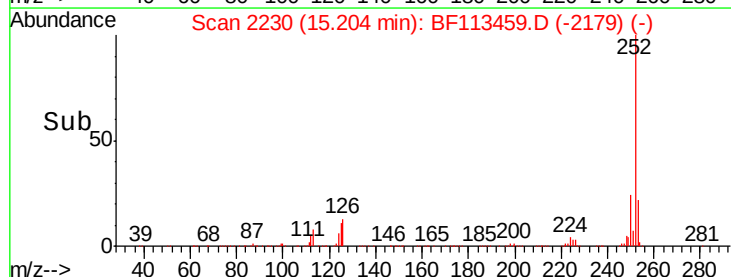
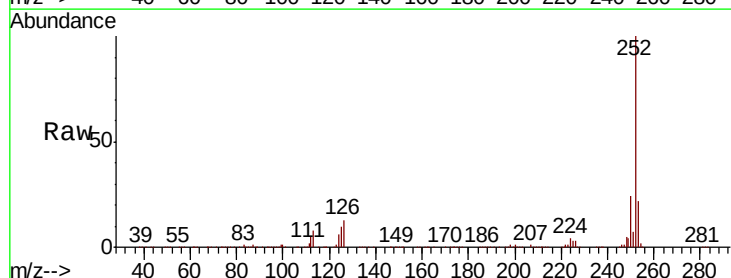
Instrument :
BNA_F
ClientSampled :

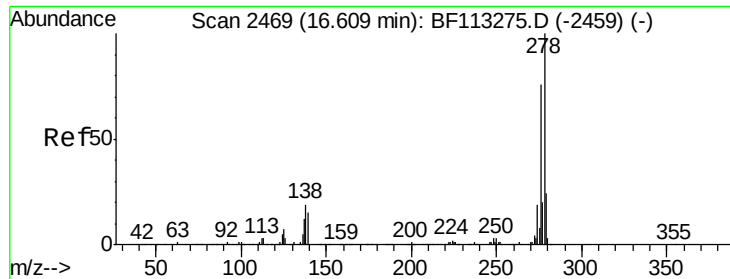
Tot Ion:252 Resp: 939675
Ion Ratio Lower Upper
252 100
253 22.4 17.9 26.9
125 9.1 7.3 10.9



#90
Benzo(a)pyrene
Concen: 40.110 ng
RT: 15.20 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BF113459.D
Acq: 1 Apr 2019 11:40

Tgt Ion:252 Resp: 919764
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 10.5 8.4 12.6

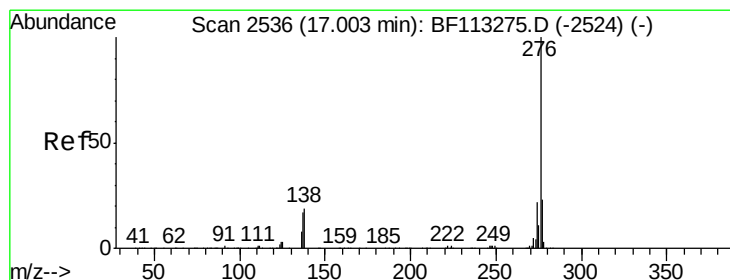
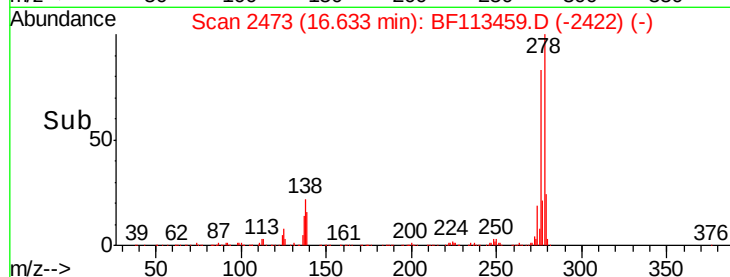
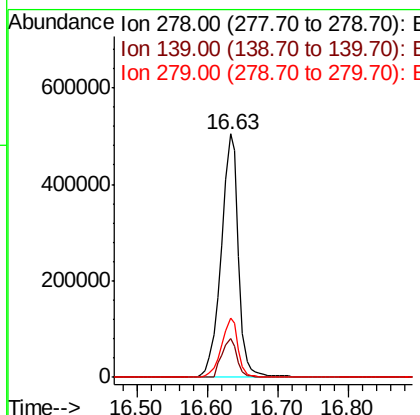
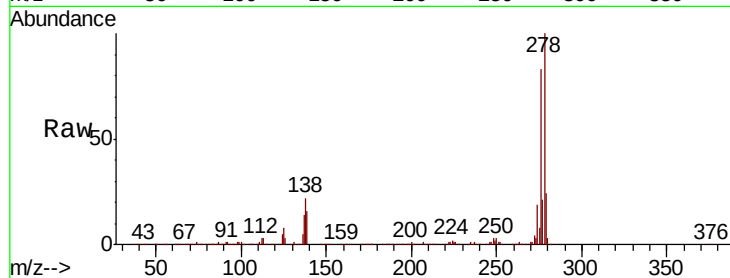




#91
Dibenzo(a,h)anthracene
Concen: 43.155 ng
RT: 16.63 min Scan# 2473
Delta R.T. 0.00 min
Lab File: BF113459.D
Acq: 1 Apr 2019 11:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.7	12.6	18.8
279	24.1	19.3	28.9



#92
Benzo(g,h,i)perylene
Concen: 42.022 ng
RT: 17.03 min Scan# 2541
Delta R.T. 0.00 min
Lab File: BF113459.D
Acq: 1 Apr 2019 11:40

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.4	29.0
138	21.3	17.0	25.6

