

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062219\
 Data File : BF115115.D
 Acq On : 22 Jun 2019 12:50
 Operator : HP/JU
 Sample : K3440-01MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-008-AMSD

Quant Time: Jun 24 04:33:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 24 04:21:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	272611	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	1065611	20.00	ng	-0.01
39) Acenaphthene-d10	9.64	164	523948	20.00	ng	-0.01
64) Phenanthrene-d10	11.11	188	1015485	20.00	ng	-0.01
76) Chrysene-d12	13.72	240	615533	20.00	ng	-0.02
87) Perylene-d12	15.08	264	593740	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1634310	92.51	ng	0.01
7) Phenol-d6	6.25	99	2107674	98.30	ng	0.00
23) Nitrobenzene-d5	7.18	82	1274060	73.55	ng	0.00
42) 2,4,6-Tribromophenol	10.42	330	517738	93.70	ng	-0.01
45) 2-Fluorobiphenyl	8.97	172	2333488	75.65	ng	-0.01
79) Terphenyl-d14	12.70	244	2434126	84.08	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.27	88	223592	26.818	ng	98
3) Pyridine	2.93	79	417668	17.774	ng	98
4) n-Nitrosodimethylamine	2.85	42	267099	28.994	ng	98
6) Aniline	6.27	93	556836	18.896	ng	# 75
8) 2-Chlorophenol	6.40	128	621846	31.305	ng	98
9) Benzaldehyde	6.15	77	455570	32.567	ng	99
10) Phenol	6.27	94	740582	29.486	ng	100
11) bis(2-Chloroethyl)ether	6.35	93	567252	30.639	ng	99
12) 1,3-Dichlorobenzene	6.55	146	657983	29.847	ng	100
13) 1,4-Dichlorobenzene	6.63	146	665882	30.121	ng	99
14) 1,2-Dichlorobenzene	6.78	146	618750	30.224	ng	99
15) Benzyl Alcohol	6.75	79	500996	32.088	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.90	45	795824	29.637	ng	99
17) 2-Methylphenol	6.87	107	515282	31.427	ng	99
18) Hexachloroethane	7.12	117	236093	29.623	ng	95
19) n-Nitroso-di-n-propylamine	7.04	70	404170	29.443	ng	98
20) 3+4-Methylphenols	7.02	107	611820	32.316	ng	91
22) Acetophenone	7.02	105	815297	33.420	ng	# 99
24) Nitrobenzene	7.19	77	628776	32.948	ng	97
25) Isophorone	7.44	82	1127326	31.768	ng	100
26) 2-Nitrophenol	7.51	139	326211	34.613	ng	96
27) 2,4-Dimethylphenol	7.55	122	549715	35.625	ng	98
28) bis(2-Chloroethoxy)methane	7.65	93	720088	32.105	ng	99
29) 2,4-Dichlorophenol	7.75	162	525251	32.984	ng	98
30) 1,2,4-Trichlorobenzene	7.84	180	570459	32.431	ng	99
31) Naphthalene	7.91	128	1755944	33.569	ng	100
32) Benzoic acid	7.55	122	549715	49.908	ng	# 15
33) 4-Chloroaniline	7.96	127	419256	17.538	ng	99
34) Hexachlorobutadiene	8.04	225	303416	31.477	ng	99
35) Caprolactam	8.32	113	106830	19.954	ng	98
36) 4-Chloro-3-methylphenol	8.45	107	529231	32.816	ng	97
37) 2-Methylnaphthalene	8.60	142	1198233	33.974	ng	99
38) 1-Methylnaphthalene	8.70	142	1125798	33.422	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	491414	33.190	ng	99

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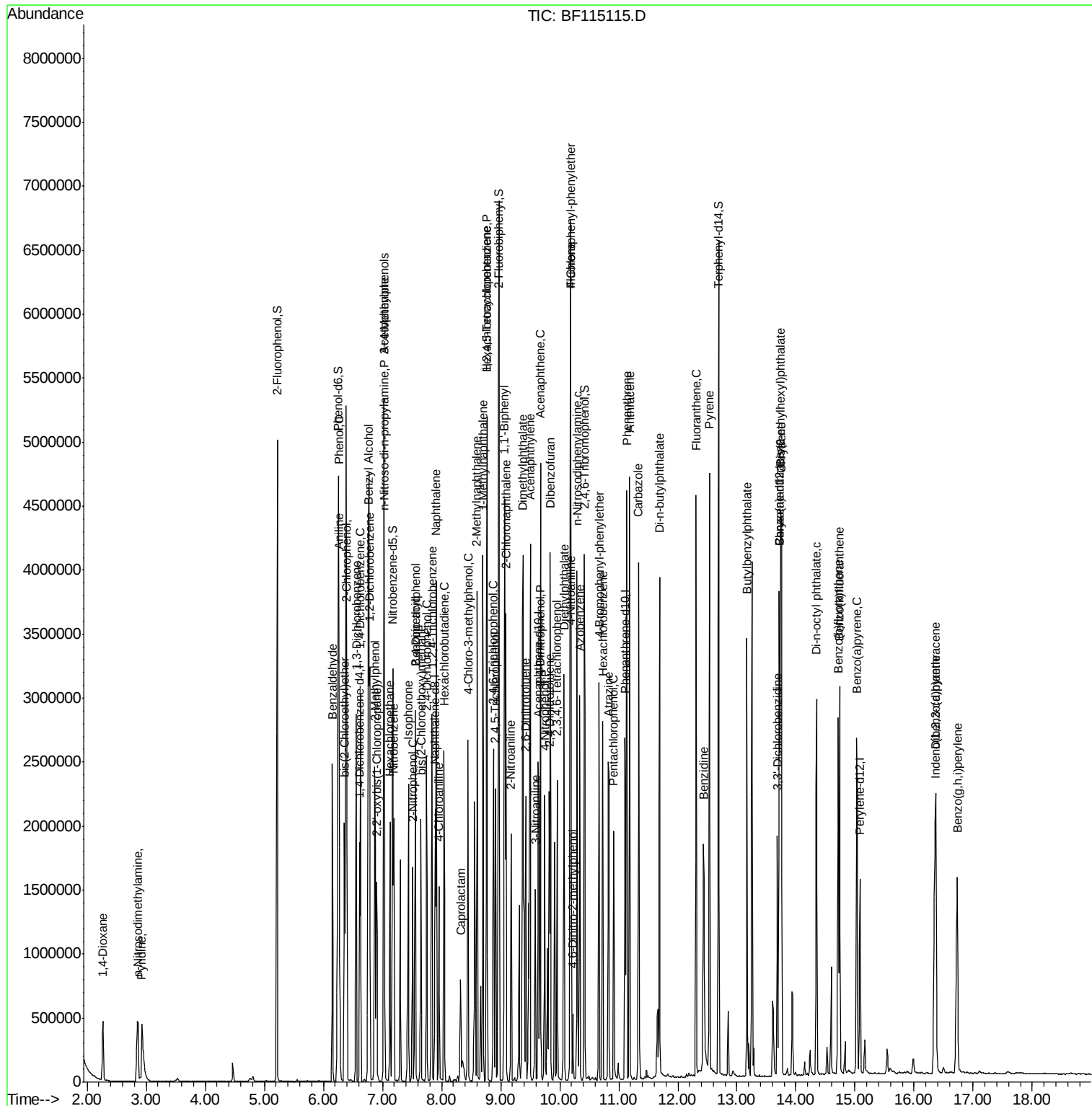
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	555368	63.258	ng	99
43) 2,4,6-Trichlorophenol	8.88	196	360653	31.551	ng	99
44) 2,4,5-Trichlorophenol	8.92	196	379428	32.233	ng	97
46) 1,1'-Biphenyl	9.07	154	1399827	33.390	ng	99
47) 2-Chloronaphthalene	9.09	162	1119798	32.929	ng	98
48) 2-Nitroaniline	9.18	65	330661	33.352	ng	98
49) Acenaphthylene	9.50	152	1758814	33.196	ng	99
50) Dimethylphthalate	9.38	163	1726769	44.795	ng	99
51) 2,6-Dinitrotoluene	9.42	165	303256	34.076	ng	100
52) Acenaphthene	9.67	154	1046493	31.565	ng	99
53) 3-Nitroaniline	9.59	138	267465	24.628	ng	96
54) 2,4-Dinitrophenol	9.68	184	23421	11.989	ng	# 1
55) Dibenzofuran	9.84	168	1552764	32.631	ng	100
56) 4-Nitrophenol	9.75	139	468251	53.780	ng	97
57) 2,4-Dinitrotoluene	9.82	165	400196	34.826	ng	99
58) Fluorene	10.18	166	1100253	32.967	ng	98
59) 2,3,4,6-Tetrachlorophenol	9.96	232	264420	26.789	ng	99
60) Diethylphthalate	10.07	149	1282391	33.095	ng	99
61) 4-Chlorophenyl-phenylether	10.18	204	524846	33.054	ng	99
62) 4-Nitroaniline	10.20	138	343842	31.559	ng	96
63) Azobenzene	10.34	77	1195678	33.037	ng	95
65) 4,6-Dinitro-2-methylphenol	10.22	198	55503	14.171	ng	87
66) n-Nitrosodiphenylamine	10.30	169	1080497	34.153	ng	99
67) 4-Bromophenyl-phenylether	10.67	248	366337	33.273	ng	97
68) Hexachlorobenzene	10.73	284	397024	33.222	ng	98
69) Atrazine	10.83	200	325209	31.955	ng	99
70) Pentachlorophenol	10.92	266	238353	31.307	ng	98
71) Phenanthrene	11.14	178	1756252	32.122	ng	99
72) Anthracene	11.18	178	1833746	33.226	ng	99
73) Carbazole	11.34	167	1619193	32.855	ng	99
74) Di-n-butylphthalate	11.69	149	1919727	33.709	ng	99
75) Fluoranthene	12.31	202	1790030	32.813	ng	98
77) Benzidine	12.43	184	390277	14.279	ng	# 95
78) Pyrene	12.54	202	1792347	37.890	ng	99
80) Butylbenzylphthalate	13.17	149	769635	36.867	ng	99
81) Benzo(a)anthracene	13.72	228	1415457	32.048	ng	99
82) 3,3'-Dichlorobenzidine	13.68	252	357401	22.409	ng	98
83) Chrysene	13.75	228	1294375	31.993	ng	99
84) Bis(2-ethylhexyl)phthalate	13.74	149	969485	35.442	ng	100
85) Di-n-octyl phthalate	14.35	149	1446361	31.471	ng	99
86) Indeno(1,2,3-cd)pyrene	16.35	276	1366587	28.546	ng	99
88) Benzo(b)fluoranthene	14.71	252	1194800	32.250	ng	99
89) Benzo(k)fluoranthene	14.74	252	1184722	35.659	ng	96
90) Benzo(a)pyrene	15.03	252	1151900	34.497	ng	100
91) Dibenzo(a,h)anthracene	16.37	278	1147550	36.812	ng	97
92) Benzo(g,h,i)perylene	16.73	276	1147884	36.382	ng	99

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

```
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ALS Vial  : 5      Sample Multiplier: 1
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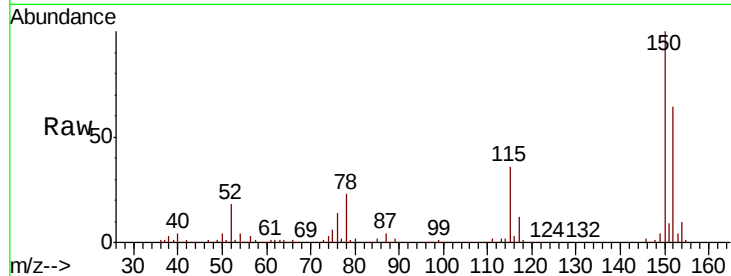


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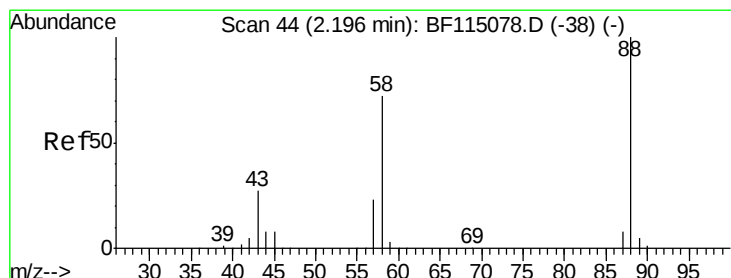
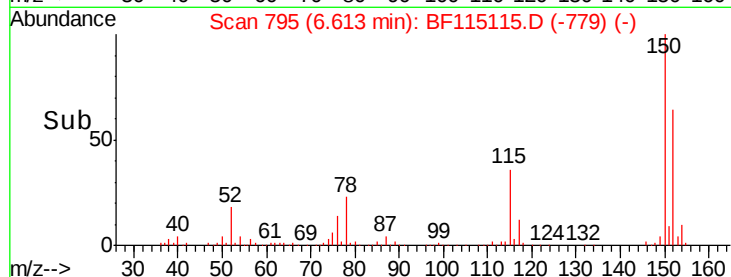
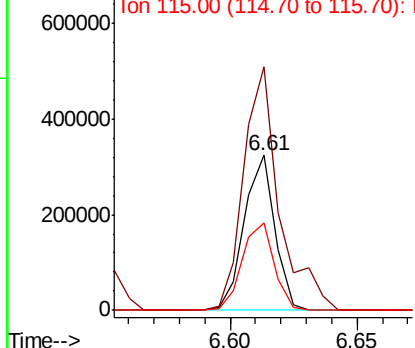
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.61 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF115115.D
 Acq: 22 Jun 2019 12:50

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-008-AMSD

Tot Ion:152 Resp: 272611
 Ion Ratio Lower Upper
 152 100
 150 157.0 124.2 186.2
 115 56.7 46.1 69.1



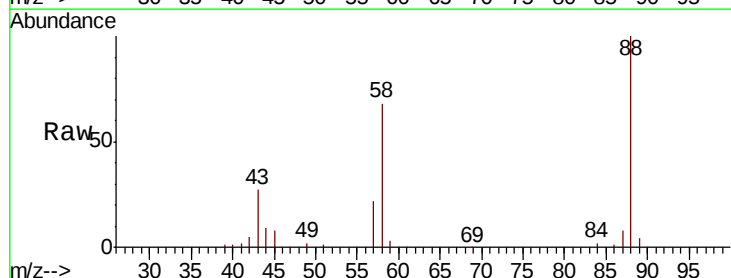
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



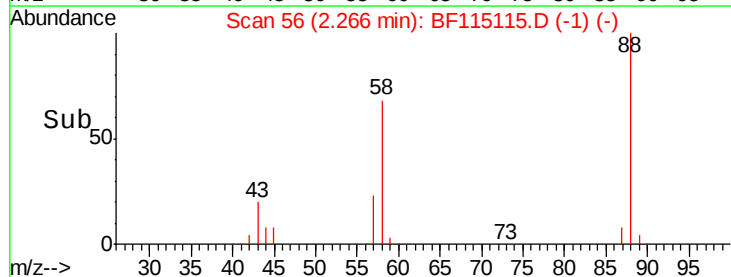
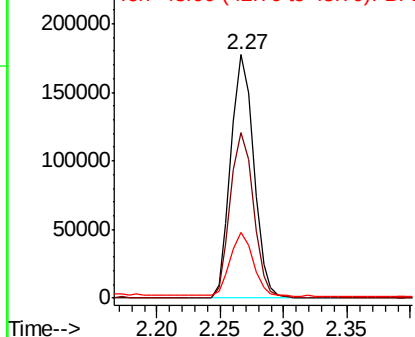
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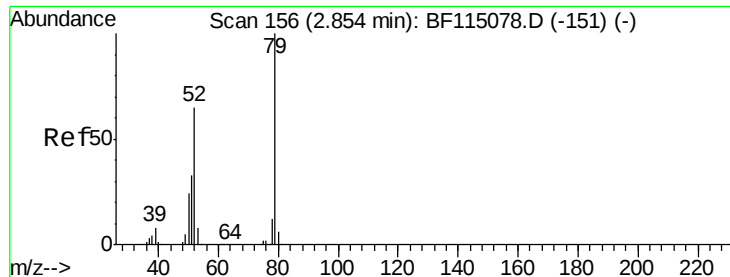
1,4-Dioxane
 Concen: 26.818 ng
 RT: 2.27 min Scan# 56
 Delta R.T. 0.07 min
 Lab File: BF115115.D
 Acq: 22 Jun 2019 12:50

Tgt Ion: 88 Resp: 223592
 Ion Ratio Lower Upper
 88 100
 58 68.3 56.1 84.1
 43 26.4 21.3 31.9



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: 17.774 ng

RT: 2.93 min Scan# 169

Delta R.T. 0.08 min

Lab File: BF115115.D

Acq: 22 Jun 2019 12:50

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-008-AMSD

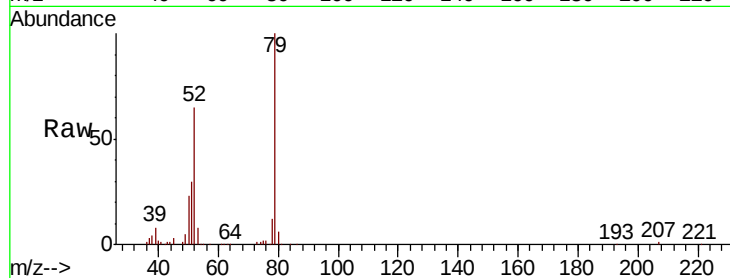
Tot Ion: 79 Resp: 417668

Ion Ratio Lower Upper

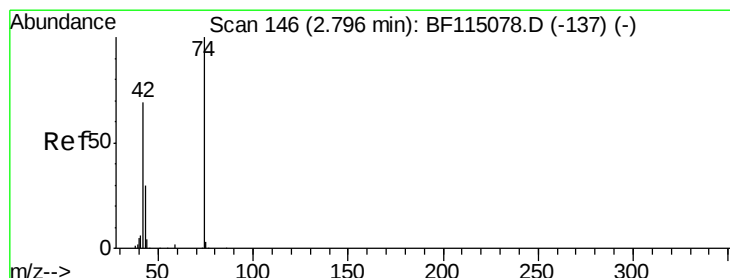
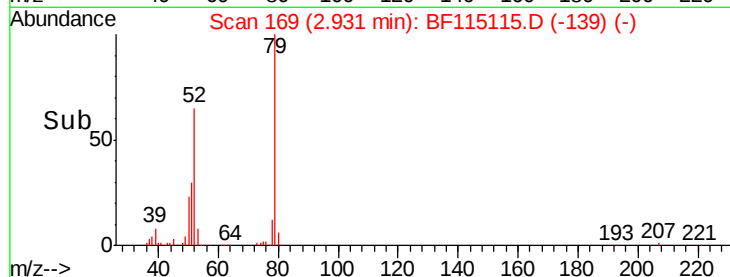
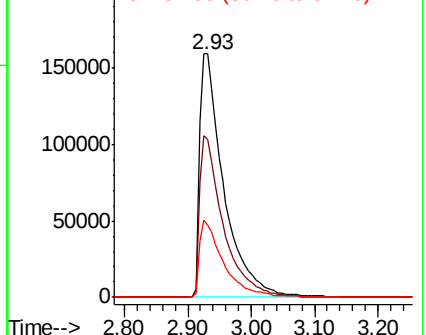
79 100

52 64.9 52.3 78.5

51 29.8 26.1 39.1



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



#4

n-Nitrosodimethylamine

Concen: 28.994 ng

RT: 2.85 min Scan# 156

Delta R.T. 0.06 min

Lab File: BF115115.D

Acq: 22 Jun 2019 12:50

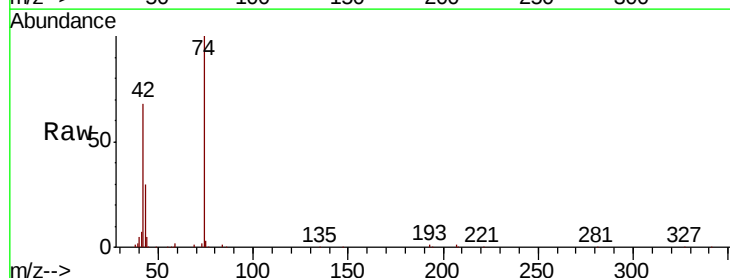
Tgt Ion: 42 Resp: 267099

Ion Ratio Lower Upper

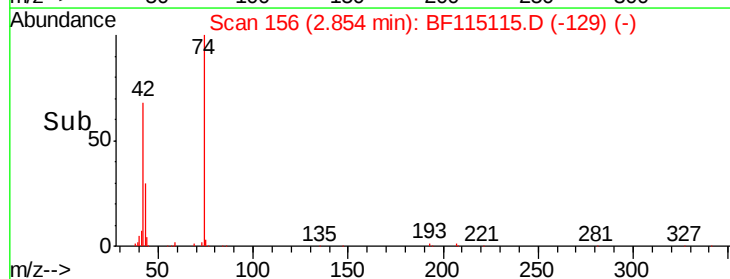
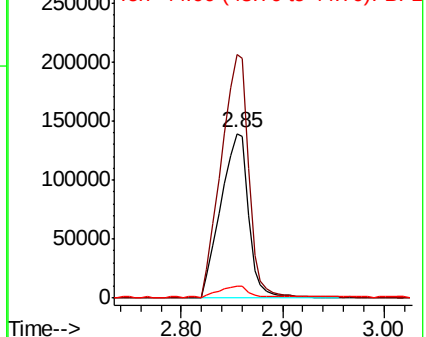
42 100

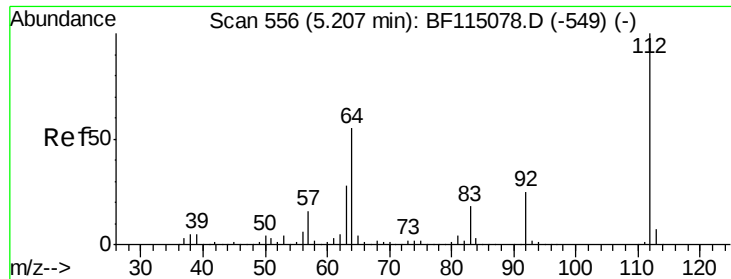
74 147.7 116.6 175.0

44 7.1 5.3 7.9



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: 92.513 ng

RT: 5.22 min Scan# 558

Delta R.T. 0.01 min

Lab File: BF115115.D

Acq: 22 Jun 2019 12:50

Instrument :

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ClientSampleId :

FK-SF-03-008-AMSD

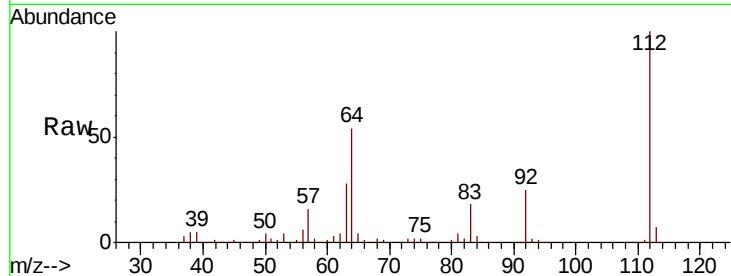
Tot Ion:112 Resp: 1634310

Ion Ratio Lower Upper

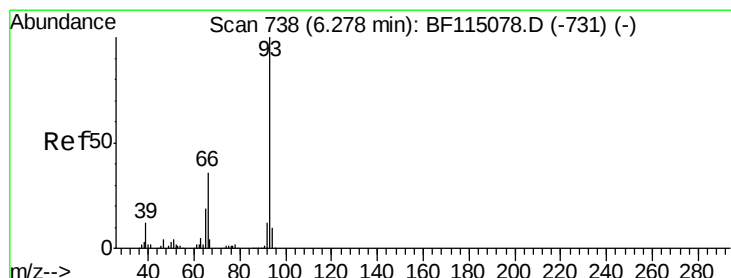
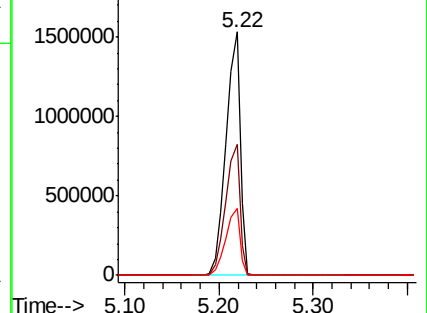
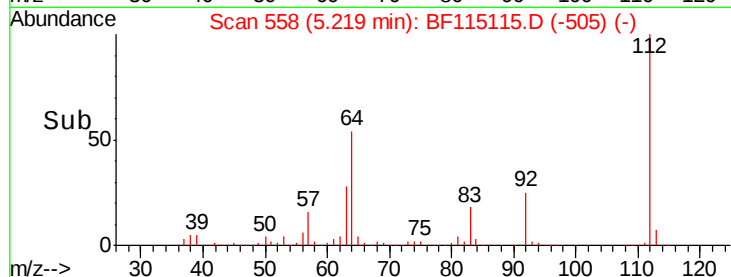
112 100

64 53.7 43.8 65.6

63 27.7 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): BF115115.D (-505) (-)



#6

Aniline

Concen: 18.896 ng

RT: 6.27 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF115115.D

Acq: 22 Jun 2019 12:50

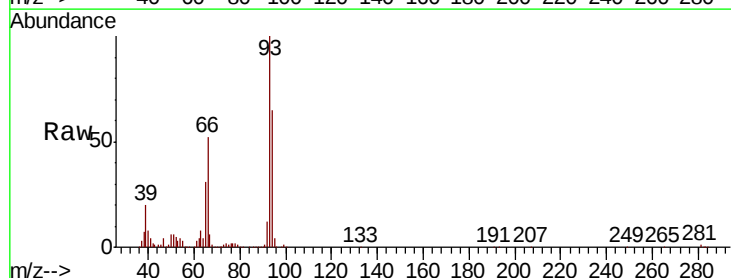
Tgt Ion: 93 Resp: 556836

Ion Ratio Lower Upper

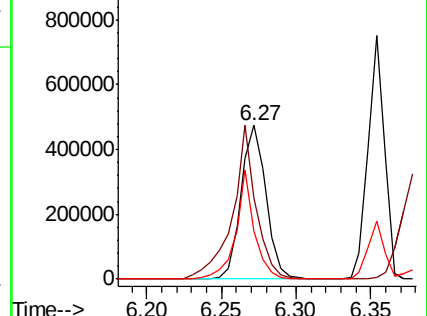
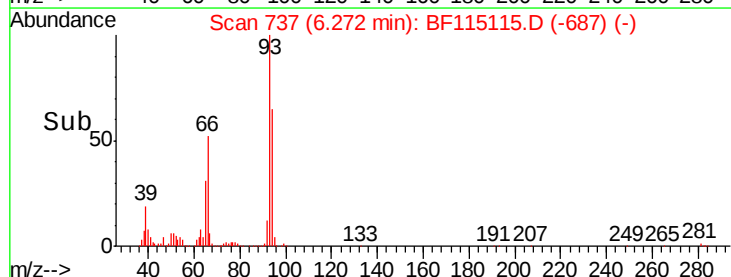
93 100

66 52.3 30.0 45.0#

65 31.0 15.6 23.4#



Abundance Ion 93.00 (92.70 to 93.70): BF115115.D (-687) (-)





#7

Phenol-d6

Concen: 98.298 ng

RT: 6.25 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF115115.D

Acq: 22 Jun 2019 12:50

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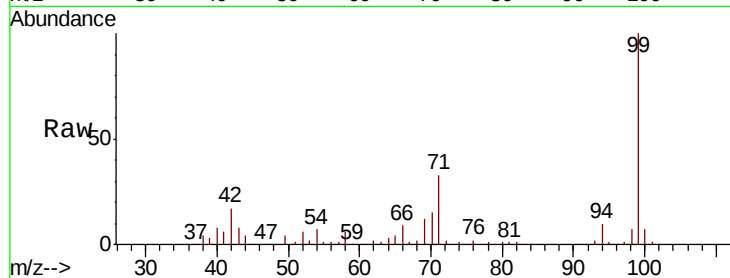
Tot Ion: 99 Resp: 2107674

Ion Ratio Lower Upper

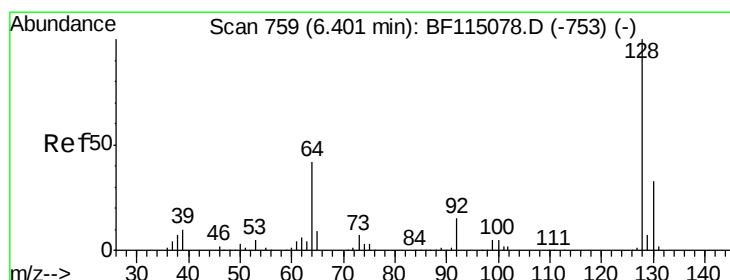
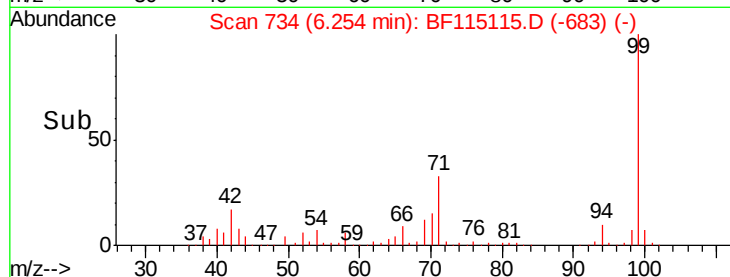
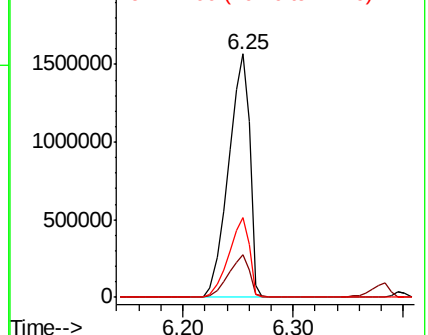
99 100

42 17.3 13.6 20.4

71 32.6 25.5 38.3



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



#8

2-Chlorophenol

Concen: 31.305 ng

RT: 6.40 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF115115.D

Acq: 22 Jun 2019 12:50

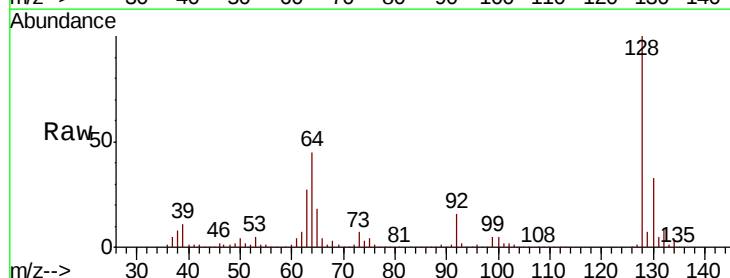
Tgt Ion: 128 Resp: 621846

Ion Ratio Lower Upper

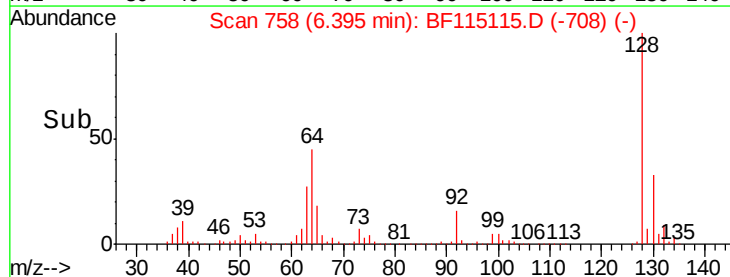
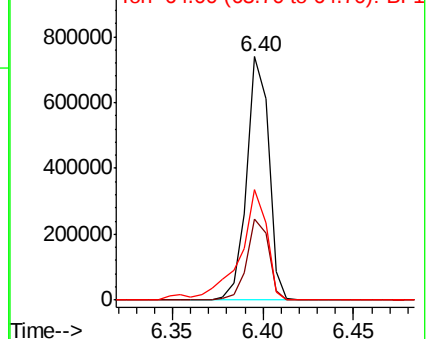
128 100

130 33.2 12.9 52.9

64 45.2 22.9 62.9



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: 32.567 ng

RT: 6.15 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF115115.D

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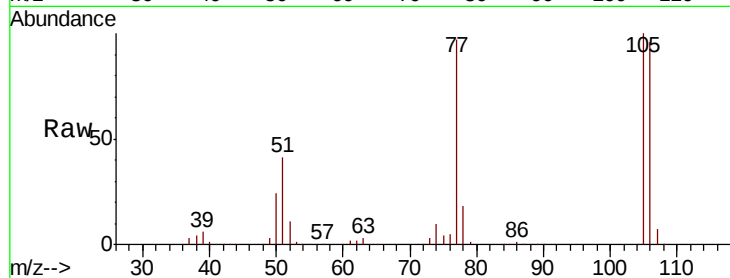
Tot Ion: 77 Resp: 455570

Ion Ratio Lower Upper

77 100

105 103.6 81.5 121.5

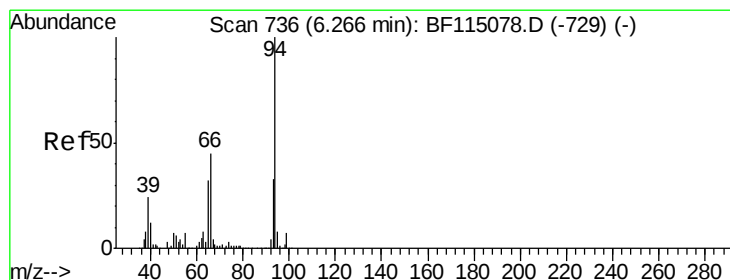
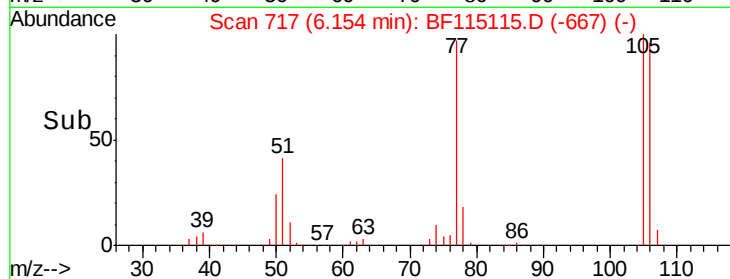
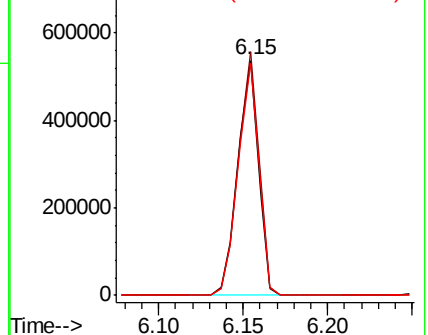
106 99.0 79.7 119.7



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 29.486 ng

RT: 6.27 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF115115.D

Acq: 22 Jun 2019 12:50

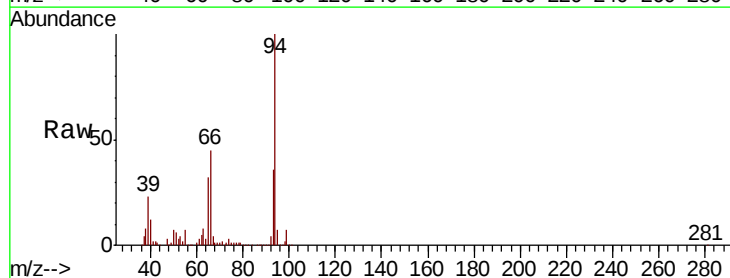
Tgt Ion: 94 Resp: 740582

Ion Ratio Lower Upper

94 100

65 32.2 11.9 51.9

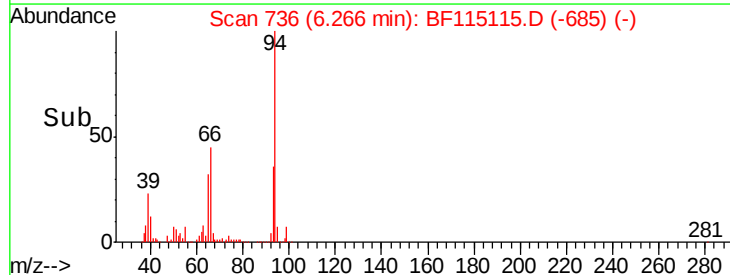
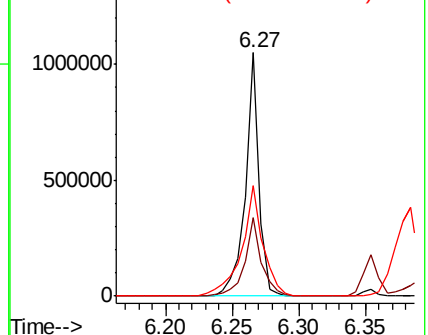
66 45.2 25.2 65.2

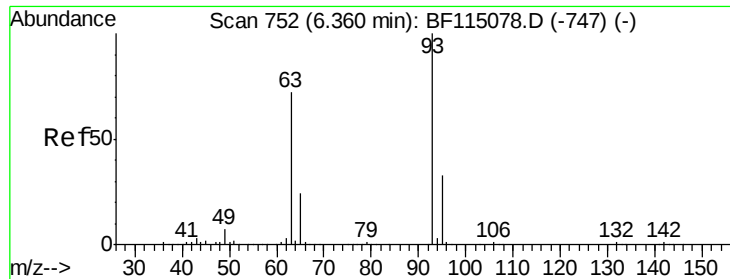


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

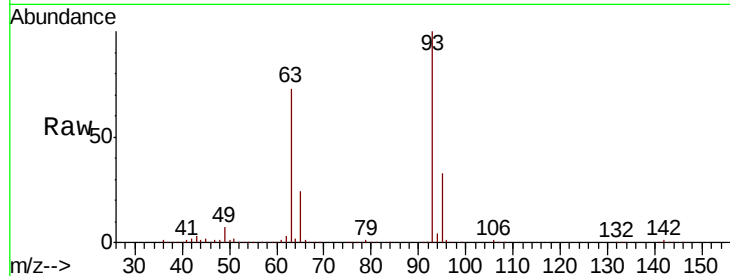




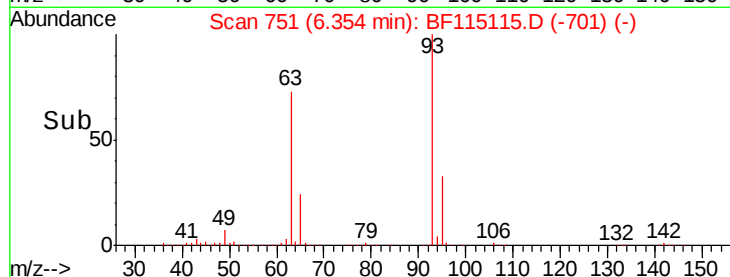
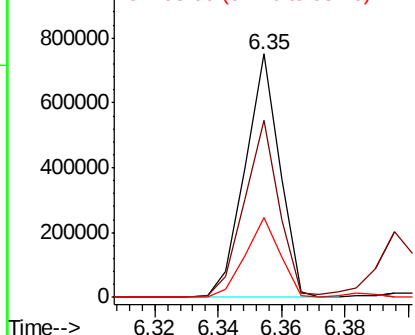
#11
bis(2-Chloroethyl)ether
Concen: 30.639 ng
RT: 6.35 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF115115.D
Acq: 22 Jun 2019 12:50

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-008-AMSD

Tot Ion: 93 Resp: 567252
Ion Ratio Lower Upper
93 100
63 72.6 51.5 91.5
95 32.9 13.4 53.4

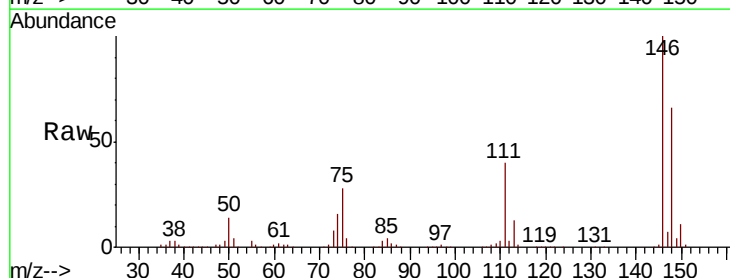


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

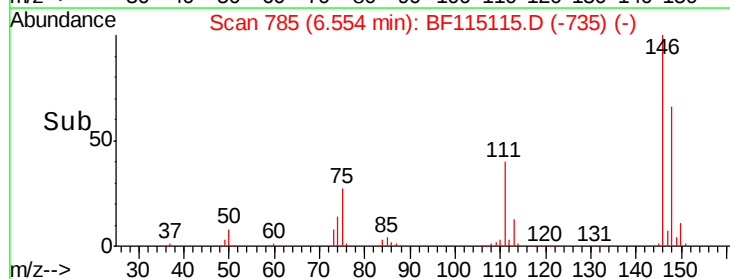
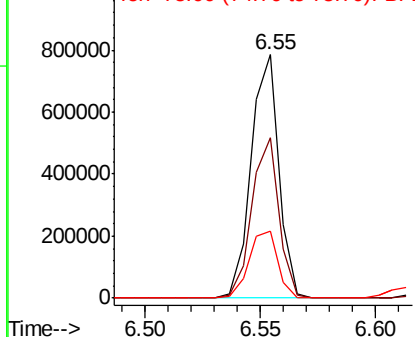


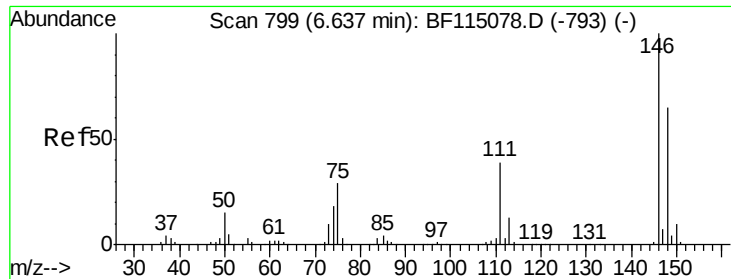
#12
1,3-Dichlorobenzene
Concen: 29.847 ng
RT: 6.55 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF115115.D
Acq: 22 Jun 2019 12:50

Tgt Ion: 146 Resp: 657983
Ion Ratio Lower Upper
146 100
148 65.7 52.6 78.8
75 27.5 22.6 34.0



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

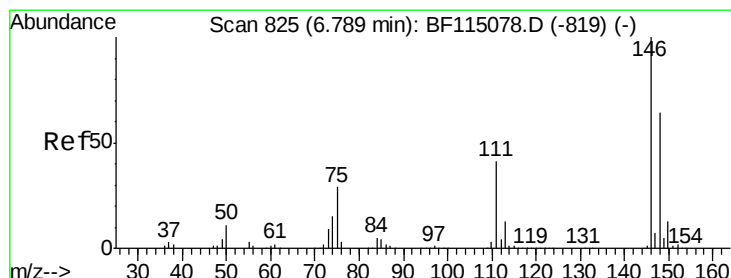
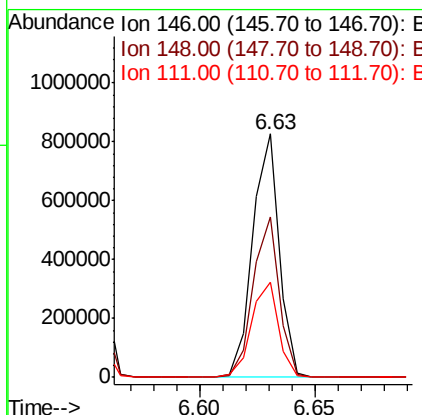
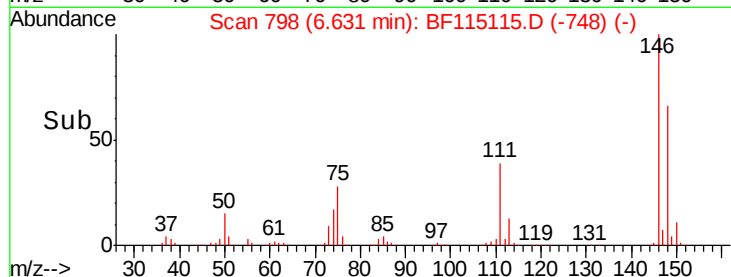
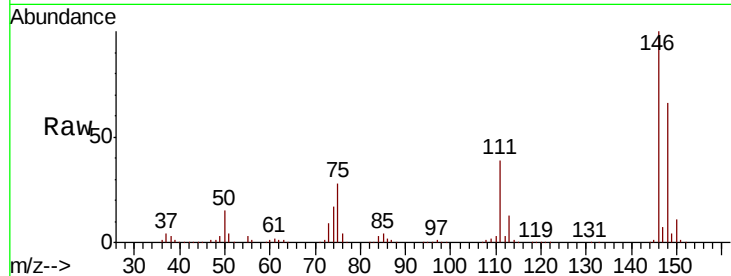




#13
 1,4-Dichlorobenzene
 Concen: 30.121 ng
 RT: 6.63 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF115115.D
 Acq: 22 Jun 2019 12:50

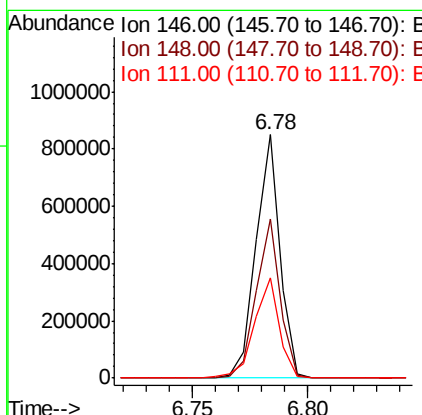
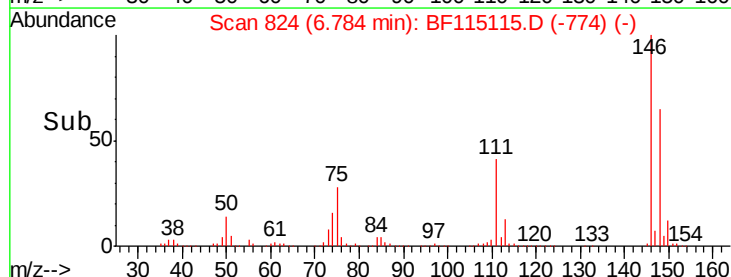
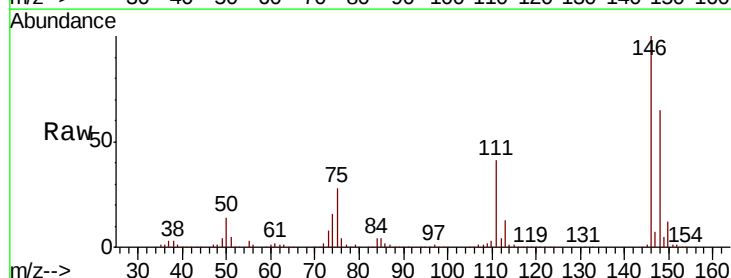
Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-008-AMSD

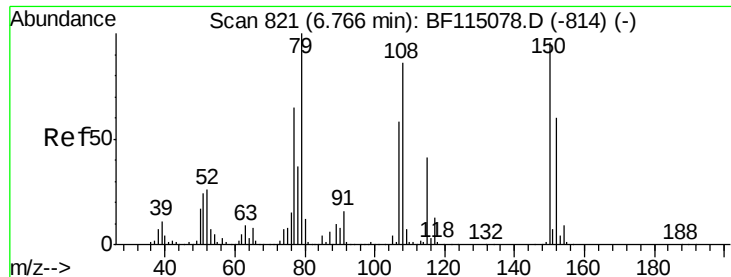
Tot Ion:146 Resp: 665882
 Ion Ratio Lower Upper
 146 100
 148 66.1 51.9 77.9
 111 39.3 31.4 47.0



#14
 1,2-Dichlorobenzene
 Concen: 30.224 ng
 RT: 6.78 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BF115115.D
 Acq: 22 Jun 2019 12:50

Tgt Ion:146 Resp: 618750
 Ion Ratio Lower Upper
 146 100
 148 65.4 51.1 76.7
 111 41.1 33.2 49.8

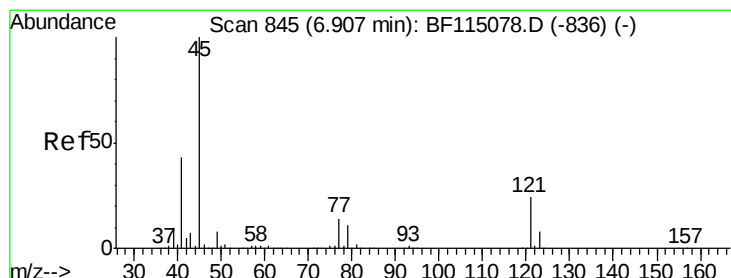
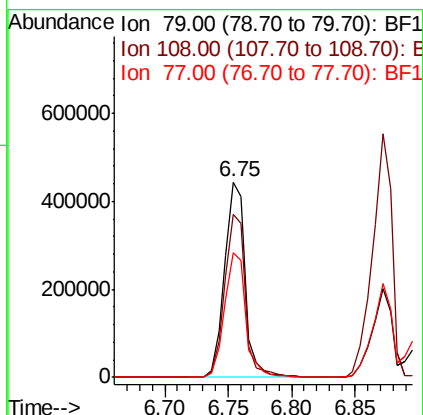
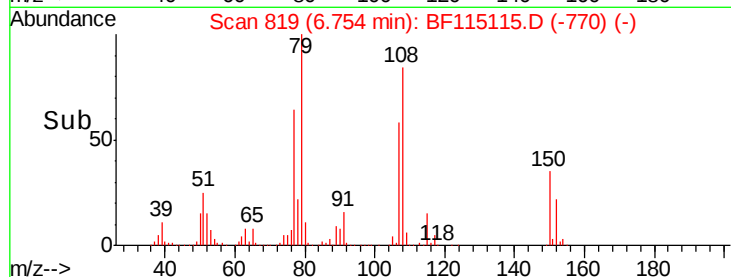
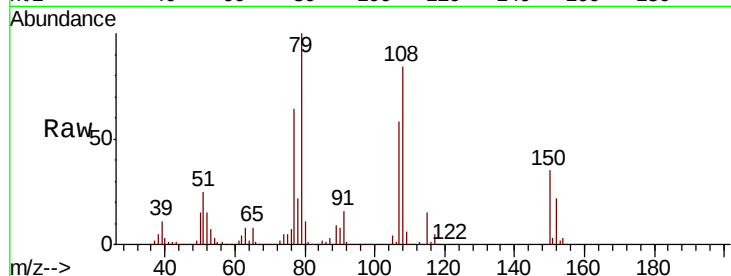




#15
Benzyl Alcohol
Concen: 32.088 ng
RT: 6.75 min Scan# 819
Delta R.T. -0.01 min
Lab File: BF115115.D
Acq: 22 Jun 2019 12:50

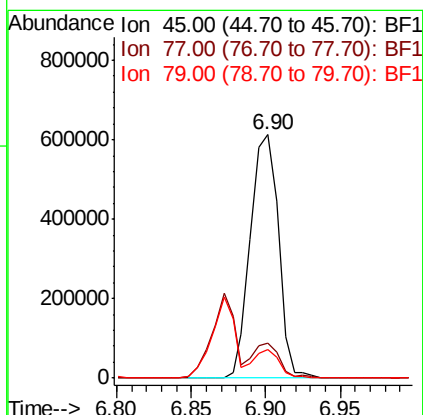
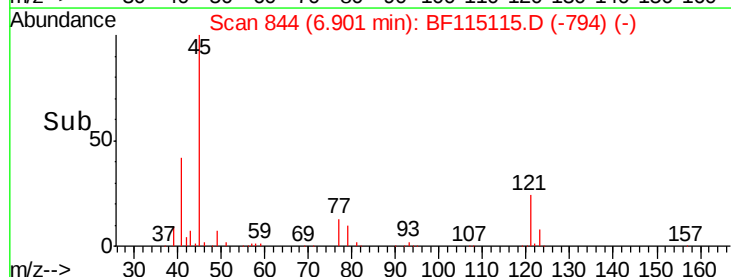
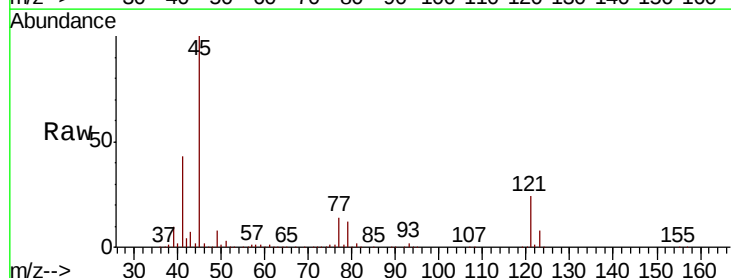
Instrument :
BNA_F
ClientSampleId :
FK-SF-03-008-AMSD

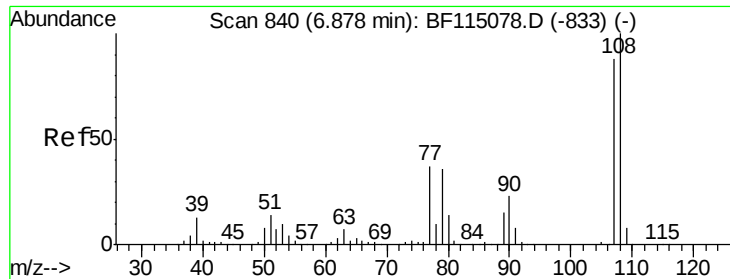
Tot Ion: 79 Resp: 500996
Ion Ratio Lower Upper
79 100
108 83.7 68.7 103.1
77 63.9 51.7 77.5



#16
2,2'-oxybis(1-chloropropane)
Concen: 29.637 ng
RT: 6.90 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF115115.D
Acq: 22 Jun 2019 12:50

Tgt Ion: 45 Resp: 795824
Ion Ratio Lower Upper
45 100
77 14.5 0.0 34.6
79 11.6 0.0 31.2

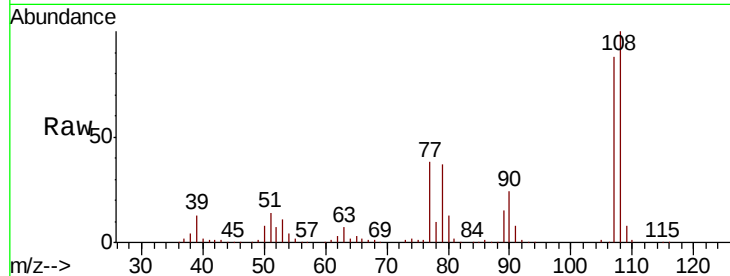




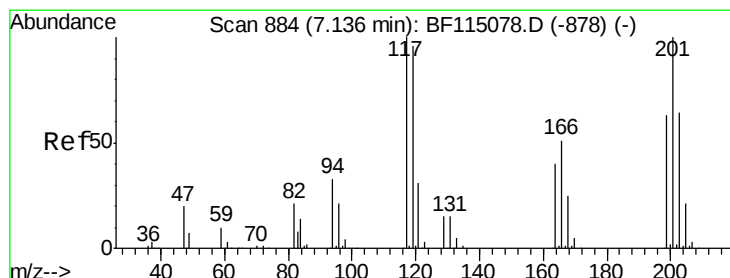
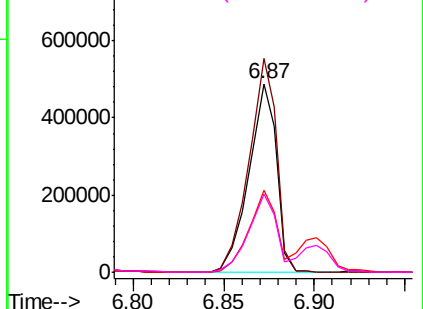
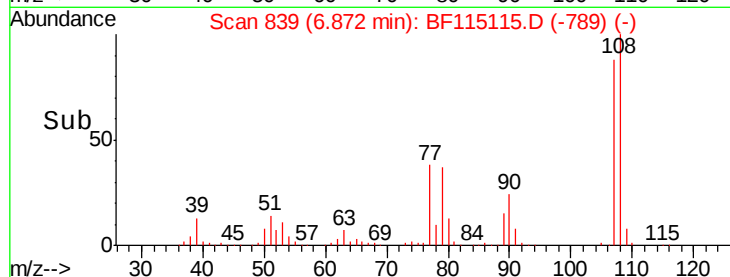
#17
2-Methylphenol
Concen: 31.427 ng
RT: 6.87 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF115115.D
Acq: 22 Jun 2019 12:50

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-008-AMSD

Tot Ion:	107	Resp:	515282
Ion	Ratio	Lower	Upper
107	100		
108	113.1	90.9	136.3
77	43.6	33.4	50.2
79	41.4	32.3	48.5

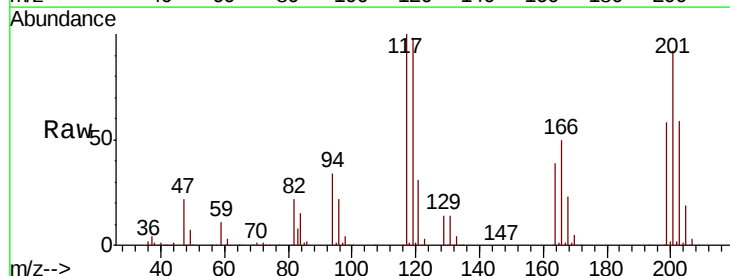


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

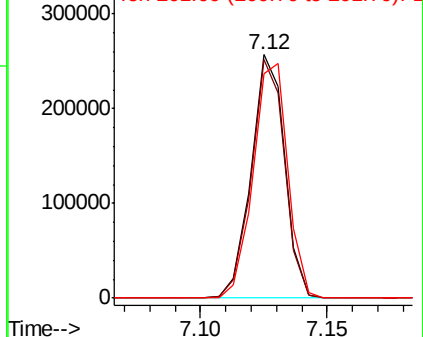
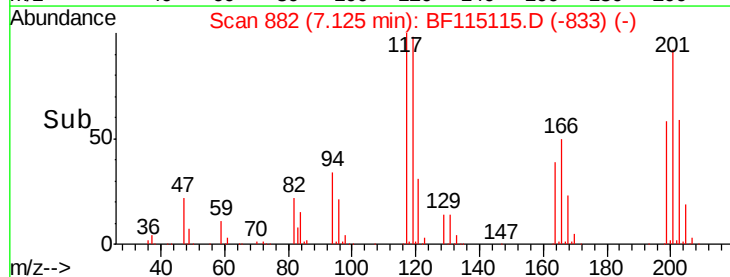


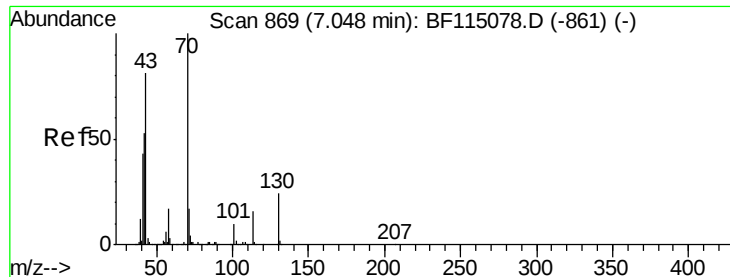
#18
Hexachloroethane
Concen: 29.623 ng
RT: 7.12 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF115115.D
Acq: 22 Jun 2019 12:50

Tgt Ion:	117	Resp:	236093
Ion	Ratio	Lower	Upper
117	100		
119	97.9	76.6	114.8
201	92.3	80.2	120.2



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

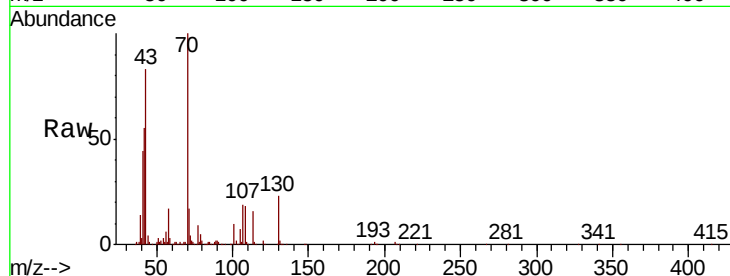




#19
n-Nitroso-di-n-propylamine
Concen: 29.443 ng
RT: 7.04 min Scan# 867
Delta R.T. -0.01 min
Lab File: BF115115.D
Acq: 22 Jun 2019 12:50

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-008-AMSD

Tot Ion:	70	Resp:	404170
Ion	Ratio	Lower	Upper
70	100		
42	54.8	42.6	63.8
101	10.2	8.0	12.0
130	23.4	19.4	29.0



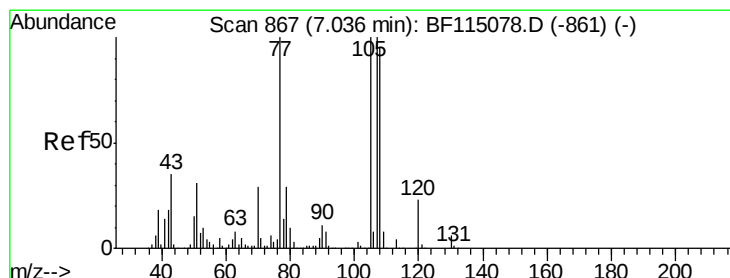
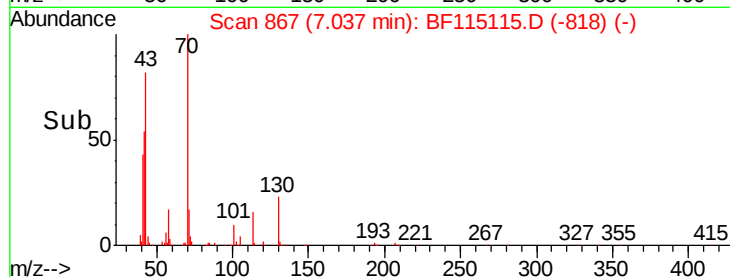
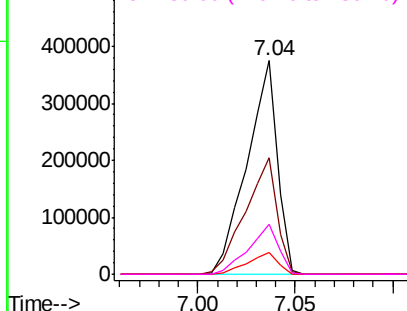
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

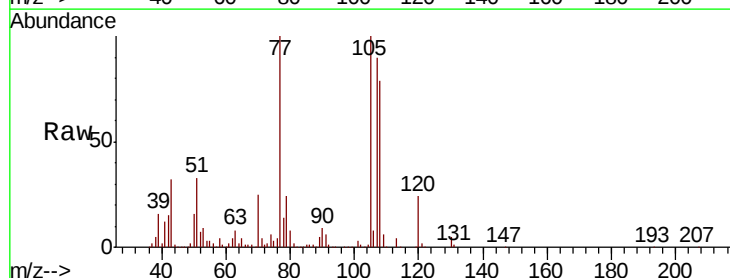
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 32.316 ng
RT: 7.02 min Scan# 865
Delta R.T. -0.01 min
Lab File: BF115115.D
Acq: 22 Jun 2019 12:50

Tgt Ion:	107	Resp:	611820
Ion	Ratio	Lower	Upper
107	100		
108	88.1	75.5	115.5
77	110.8	80.2	120.2
79	26.5	9.5	49.5



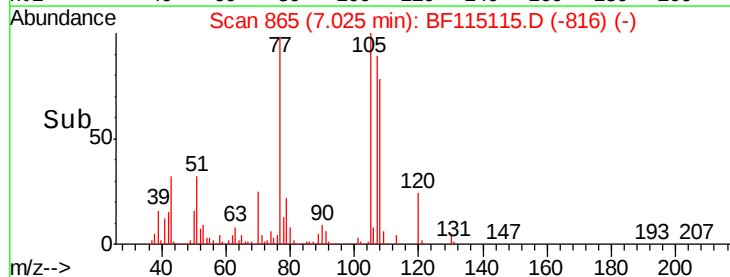
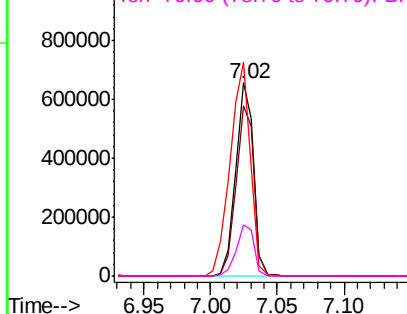
Abundance

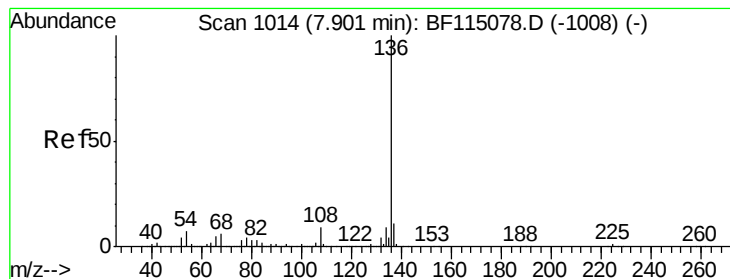
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.89 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BF115115.D

Acq: 22 Jun 2019 12:50

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-008-AMSD

Tot Ion:136 Resp: 1065611

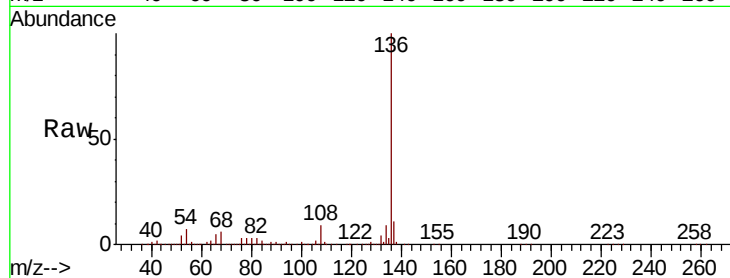
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 7.4 5.6 8.4

68 6.3 4.8 7.2

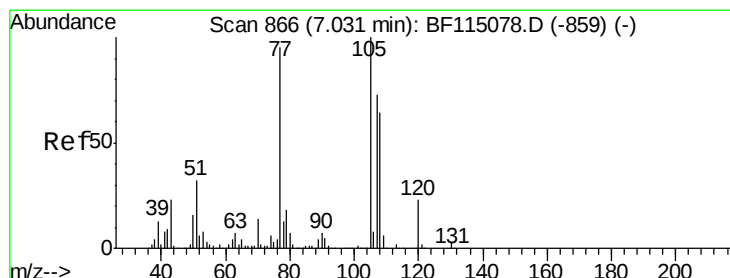
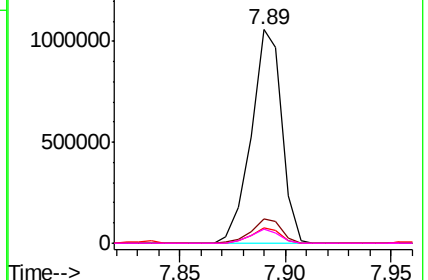
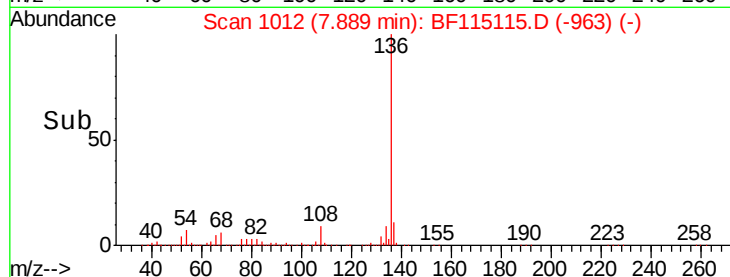


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 33.420 ng

RT: 7.02 min Scan# 865

Delta R.T. -0.01 min

Lab File: BF115115.D

Acq: 22 Jun 2019 12:50

Tgt Ion:105 Resp: 815297

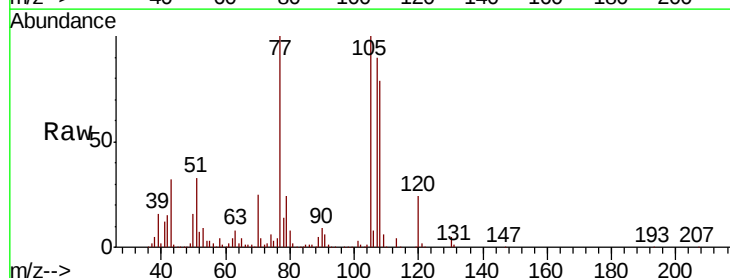
Ion Ratio Lower Upper

105 100

71 4.2 1.9 2.9#

51 33.0 25.8 38.8

120 23.7 18.5 27.7

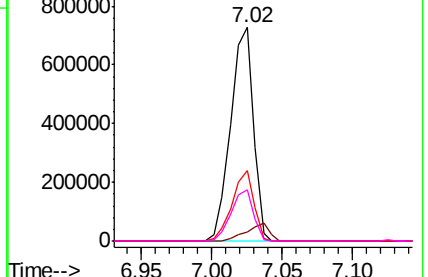
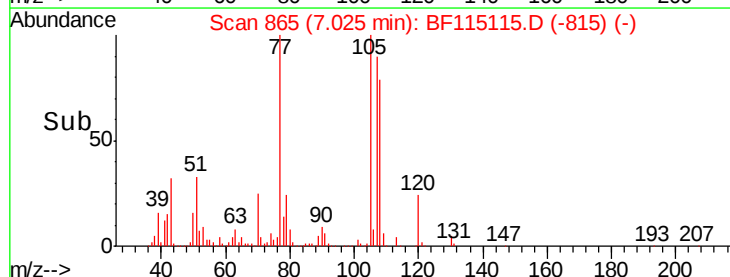


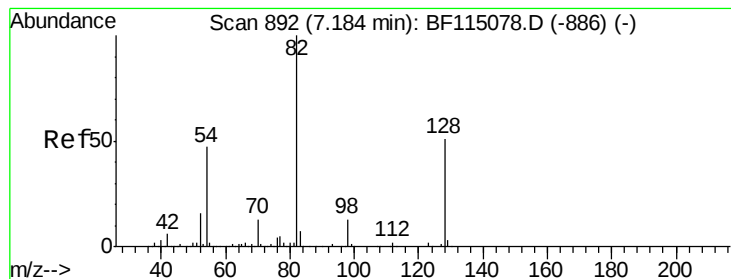
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 73.549 ng

RT: 7.18 min Scan# 891

Delta R.T. -0.01 min

Lab File: BF115115.D

Acq: 22 Jun 2019 12:50

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-008-AMSD

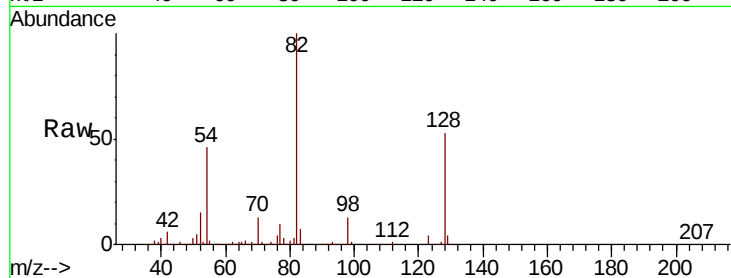
Tot Ion: 82 Resp: 1274060

Ion Ratio Lower Upper

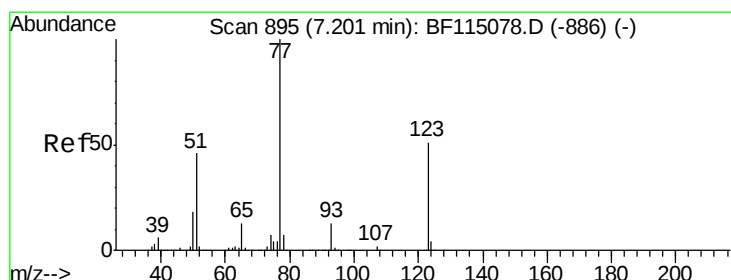
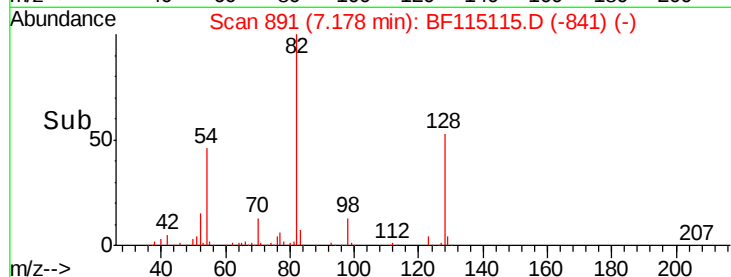
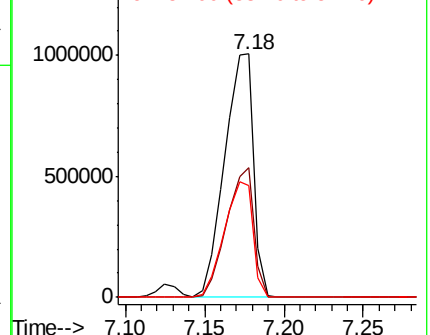
82 100

128 53.0 40.4 60.6

54 46.1 37.5 56.3



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



#24

Nitrobenzene

Concen: 32.948 ng

RT: 7.19 min Scan# 893

Delta R.T. -0.01 min

Lab File: BF115115.D

Acq: 22 Jun 2019 12:50

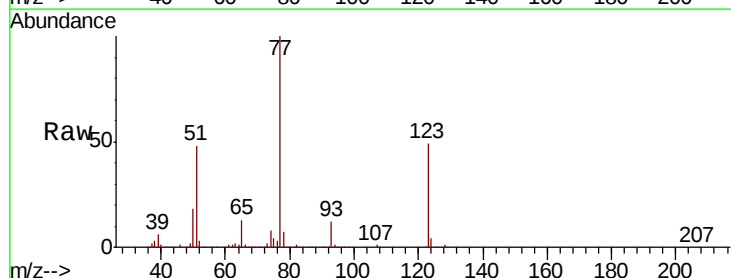
Tgt Ion: 77 Resp: 628776

Ion Ratio Lower Upper

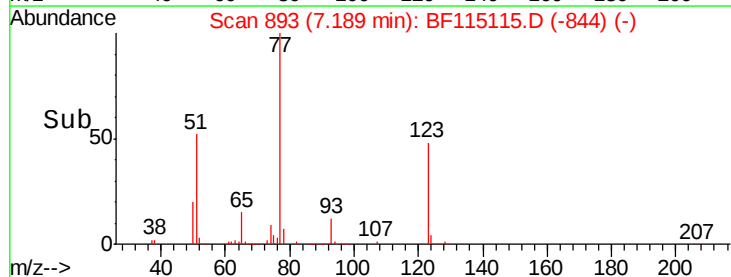
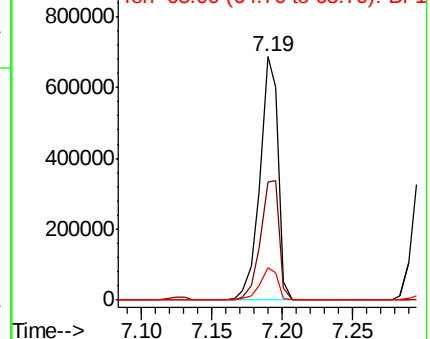
77 100

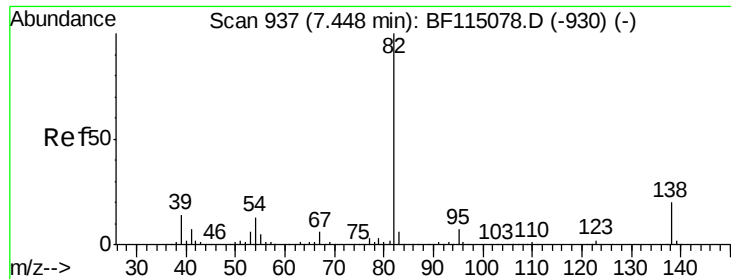
123 48.7 41.0 61.6

65 13.3 10.5 15.7



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





#25

Isophorone

Concen: 31.768 ng

RT: 7.44 min Scan# 935

Delta R.T. -0.01 min

Lab File: BF115115.D

Acq: 22 Jun 2019 12:50

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-008-AMSD

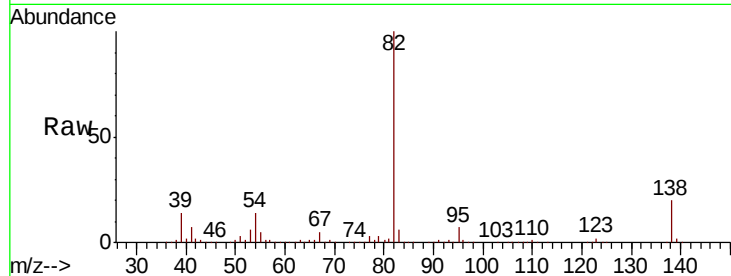
Tot Ion: 82 Resp: 1127326

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.2

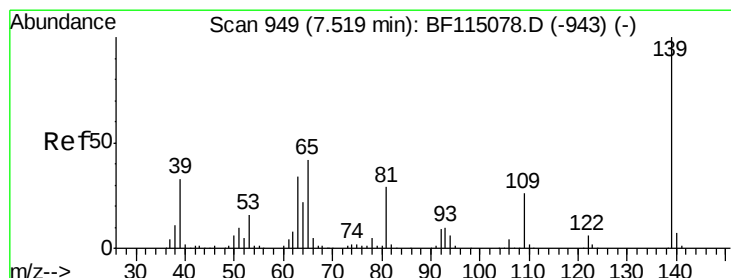
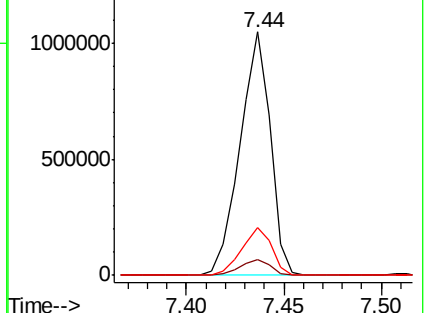
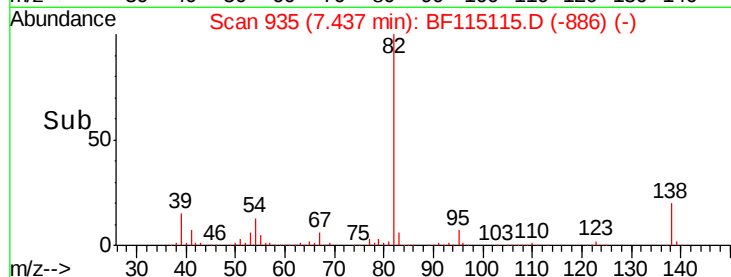
138 19.7 15.9 23.9



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: 34.613 ng

RT: 7.51 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF115115.D

Acq: 22 Jun 2019 12:50

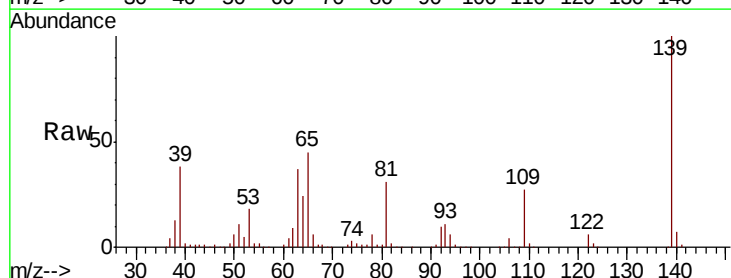
Tgt Ion: 139 Resp: 326211

Ion Ratio Lower Upper

139 100

109 26.8 20.4 30.6

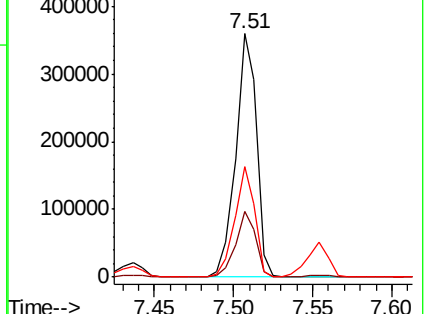
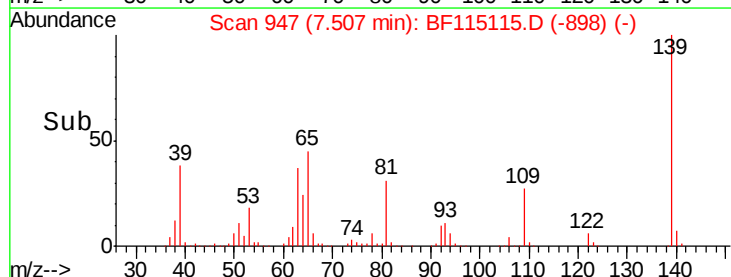
65 45.4 33.6 50.4

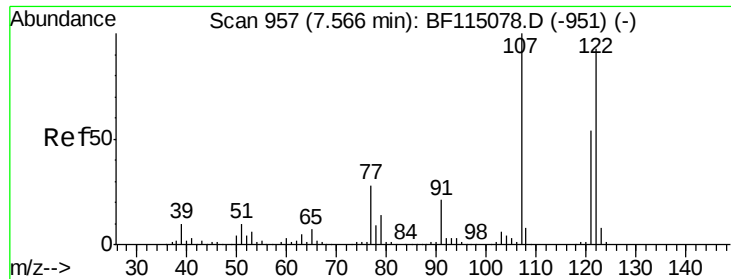


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 35.625 ng

RT: 7.55 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF115115.D

Acq: 22 Jun 2019 12:50

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-008-AMSD

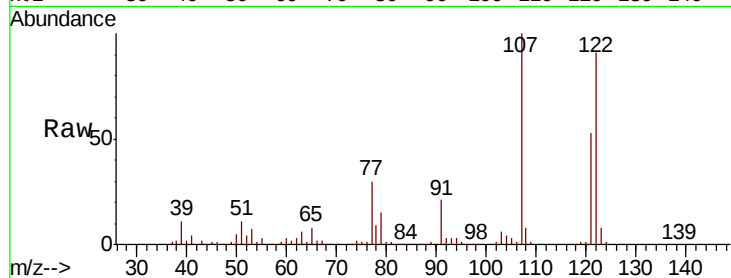
Tot Ion:122 Resp: 549715

Ion Ratio Lower Upper

122 100

107 109.4 85.8 128.6

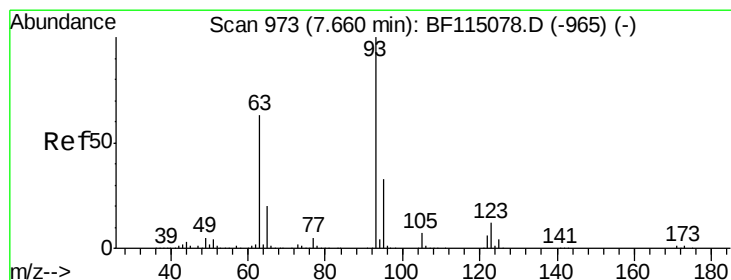
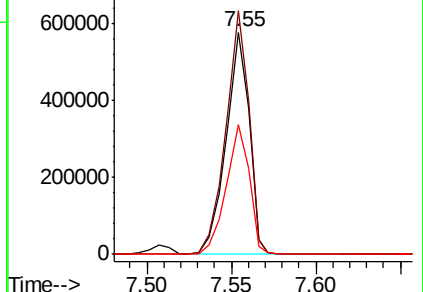
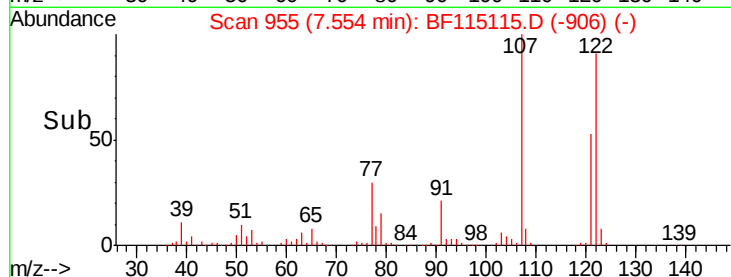
121 58.5 46.3 69.5



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: 32.105 ng

RT: 7.65 min Scan# 972

Delta R.T. -0.01 min

Lab File: BF115115.D

Acq: 22 Jun 2019 12:50

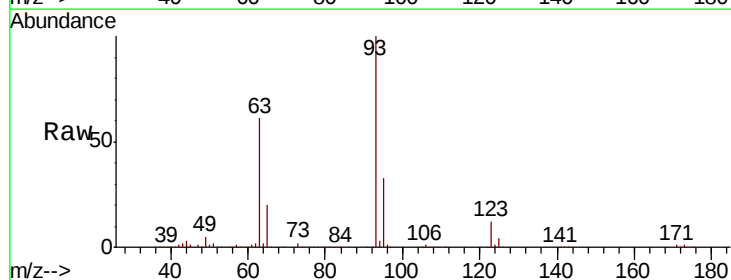
Tgt Ion: 93 Resp: 720088

Ion Ratio Lower Upper

93 100

95 33.3 26.2 39.4

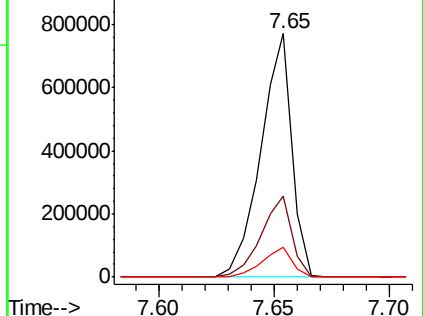
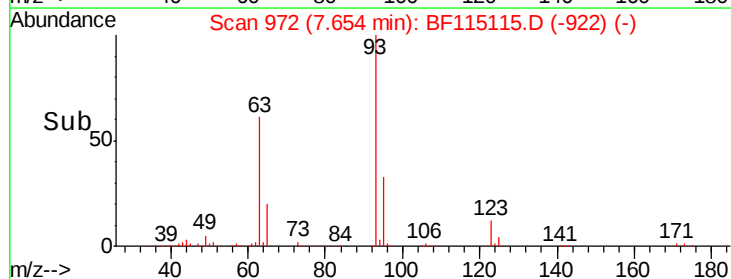
123 12.3 9.7 14.5



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

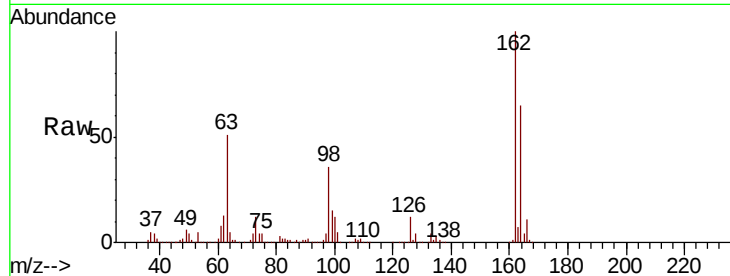




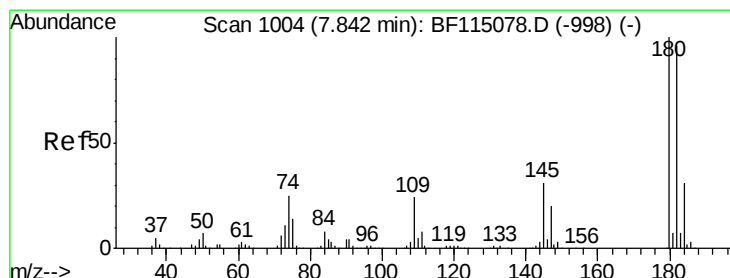
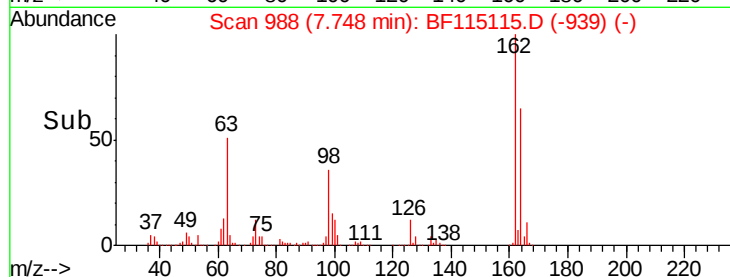
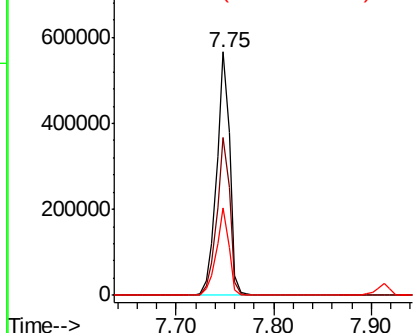
#29
2,4-Dichlorophenol
Concen: 32.984 ng
RT: 7.75 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF115115.D
Acq: 22 Jun 2019 12:50

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-008-AMSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.9	45.3	85.3
98	35.9	12.5	52.5

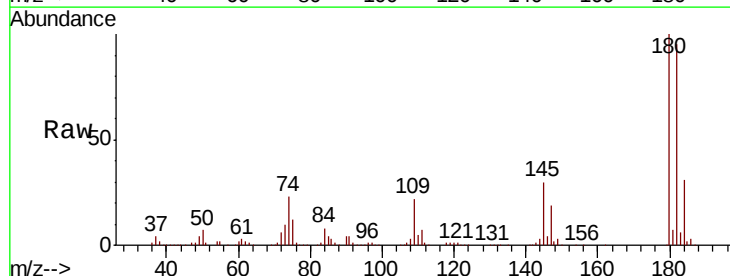


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

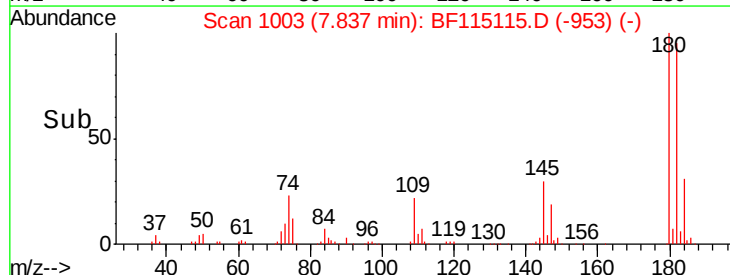
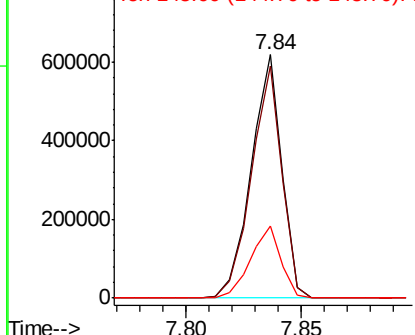


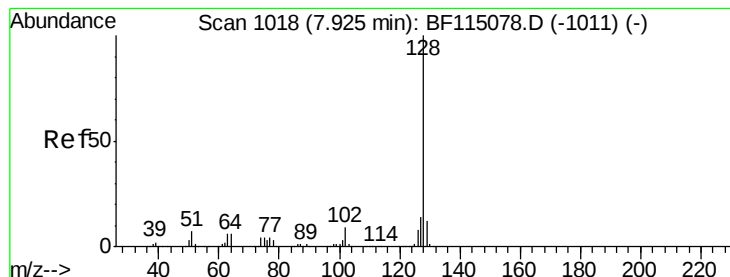
#30
1,2,4-Trichlorobenzene
Concen: 32.431 ng
RT: 7.84 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF115115.D
Acq: 22 Jun 2019 12:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.4	114.6
145	29.9	24.8	37.2



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: 33.569 ng

RT: 7.91 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BF115115.D

Acq: 22 Jun 2019 12:50

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-008-AMSD

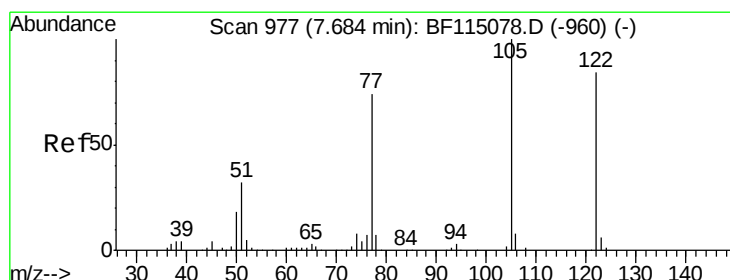
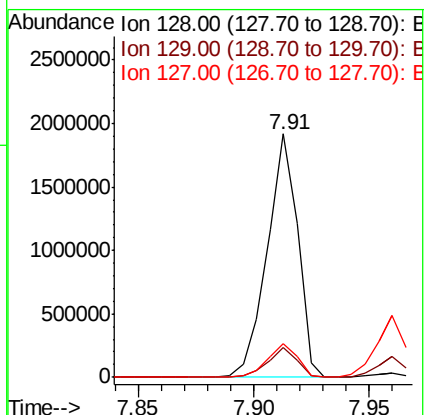
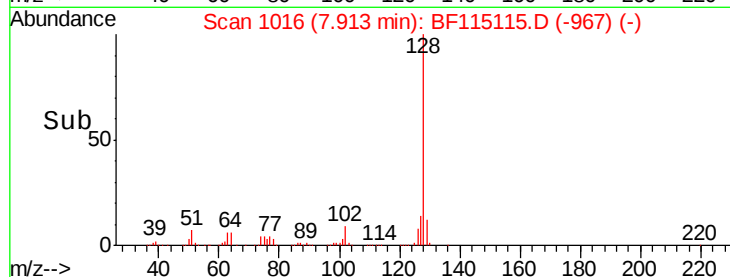
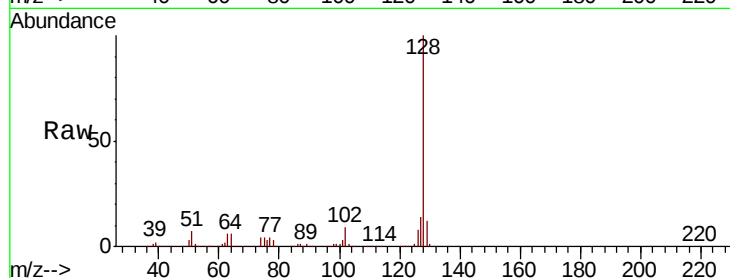
Tot Ion:128 Resp: 1755944

Ion Ratio Lower Upper

128 100

129 12.1 9.6 14.4

127 14.1 11.4 17.0



#32

Benzoic acid

Concen: 49.908 ng

RT: 7.55 min Scan# 955

Delta R.T. -0.13 min

Lab File: BF115115.D

Acq: 22 Jun 2019 12:50

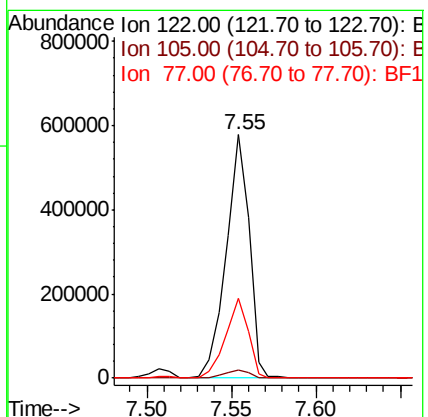
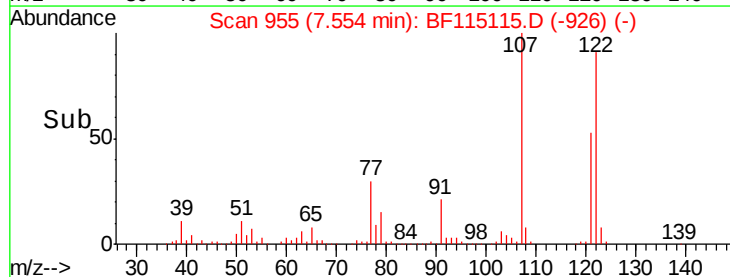
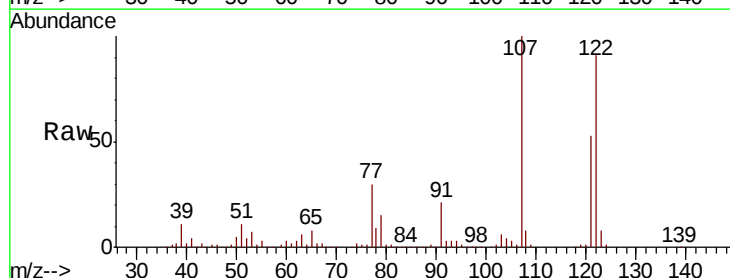
Tgt Ion:122 Resp: 549715

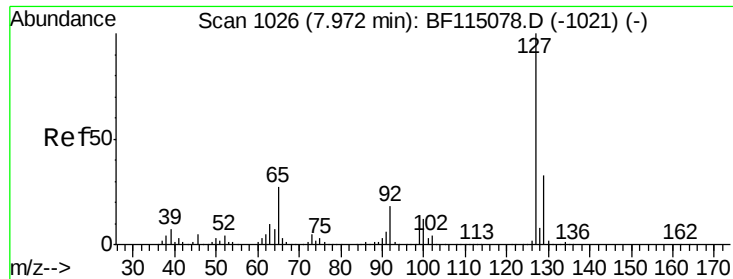
Ion Ratio Lower Upper

122 100

105 3.5 98.2 138.2#

77 32.7 67.0 107.0#

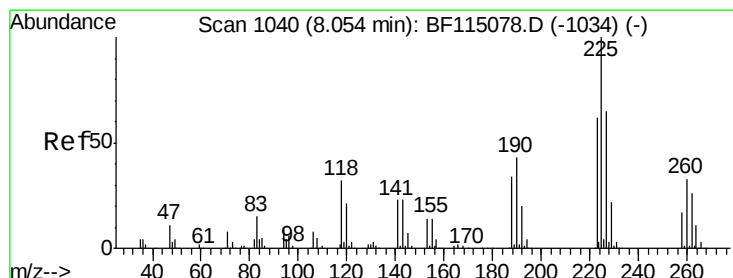
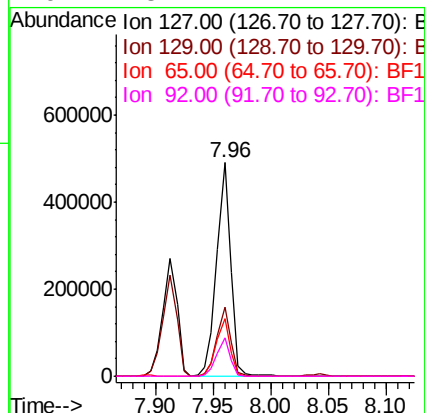
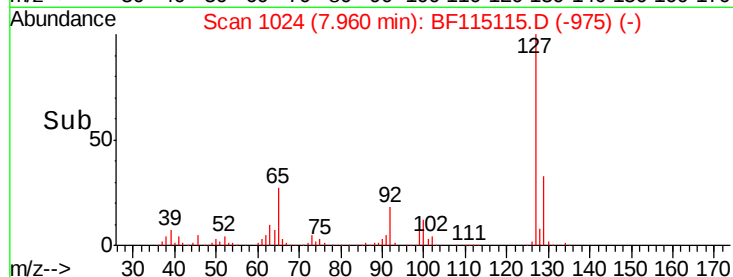
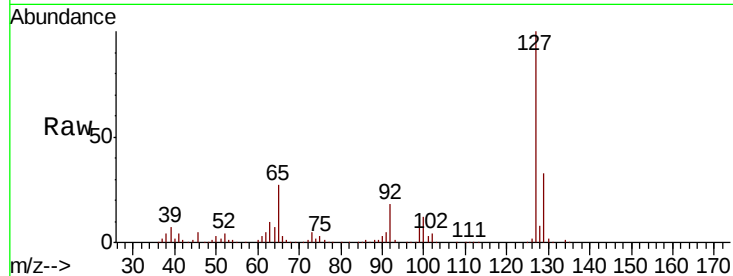




#33
4-Chloroaniline
Concen: 17.538 ng
RT: 7.96 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF115115.D
Acq: 22 Jun 2019 12:50

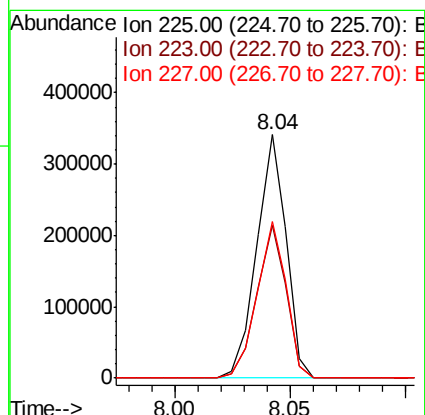
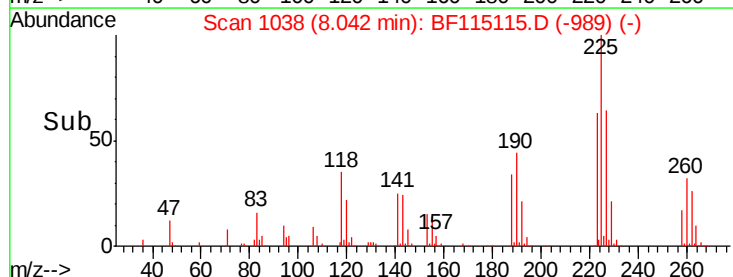
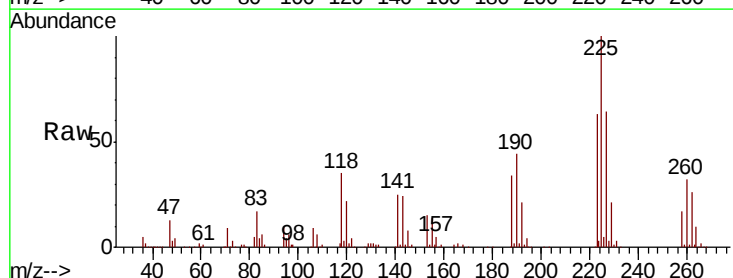
Instrument :
BNA_F
ClientSampleId :
FK-SF-03-008-AMSD

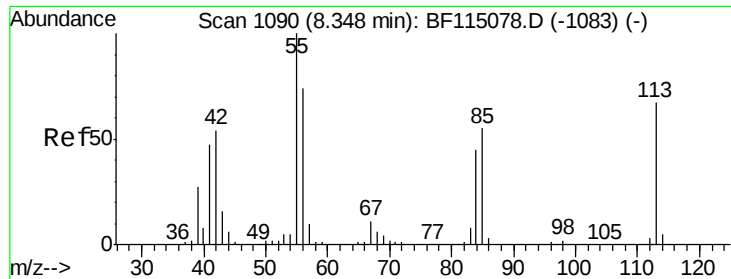
Tot Ion:	127	Resp:	419256
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.1	39.1
65	27.2	21.4	32.2
92	18.1	14.1	21.1



#34
Hexachlorobutadiene
Concen: 31.477 ng
RT: 8.04 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF115115.D
Acq: 22 Jun 2019 12:50

Tgt Ion:	225	Resp:	303416
Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.4	74.2
227	64.1	51.8	77.8

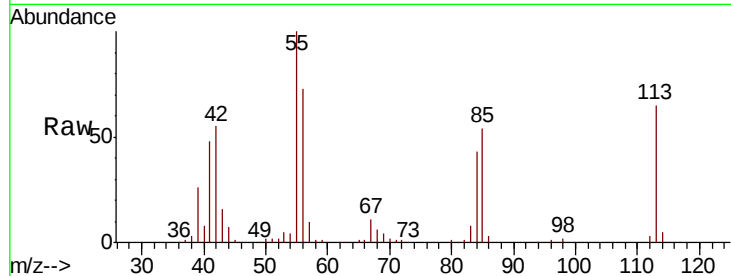




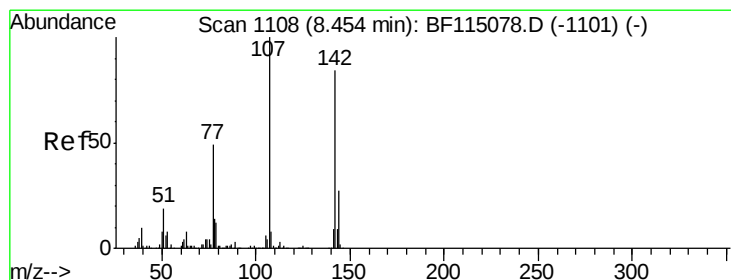
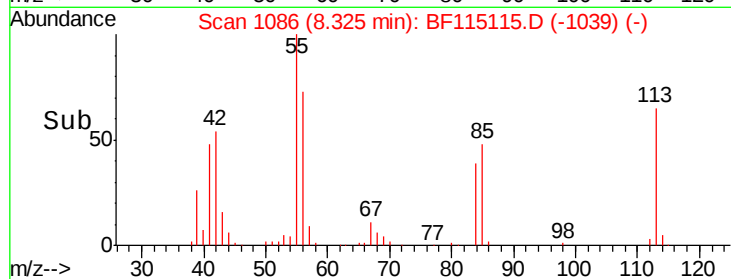
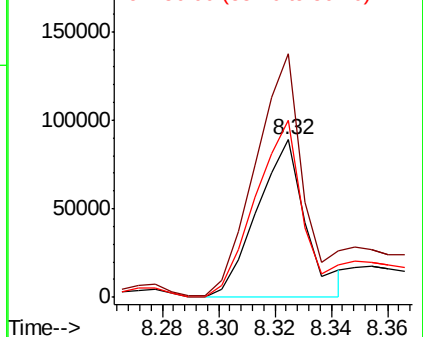
#35
 Caprolactam
 Concen: 19.954 ng
 RT: 8.32 min Scan# 1086
 Delta R.T. -0.02 min
 Lab File: BF115115.D
 Acq: 22 Jun 2019 12:50

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-008-AMSD

Tot Ion:113 Resp: 106830
 Ion Ratio Lower Upper
 113 100
 55 154.5 130.2 170.2
 56 112.2 91.6 131.6

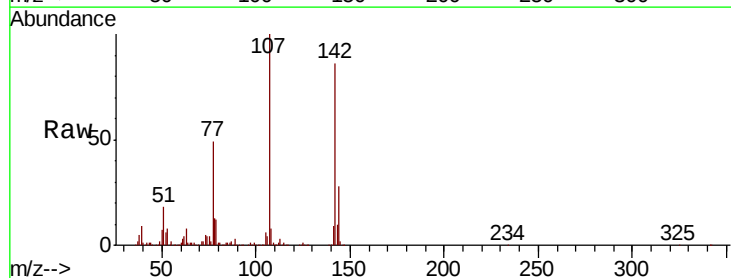


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

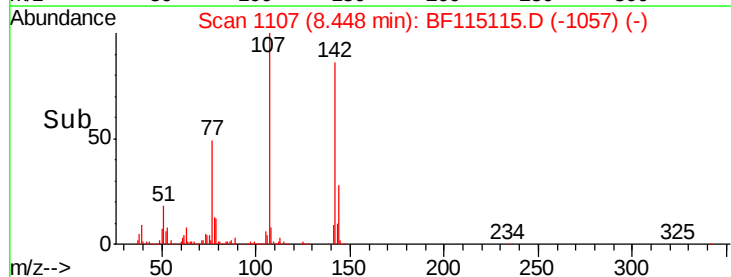
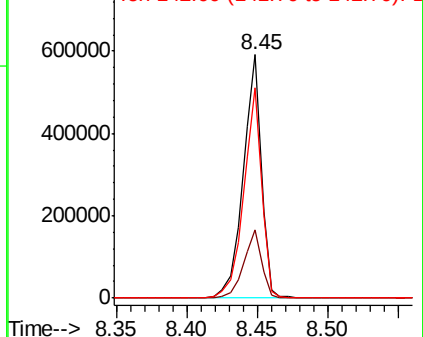


#36
 4-Chloro-3-methylphenol
 Concen: 32.816 ng
 RT: 8.45 min Scan# 1107
 Delta R.T. -0.01 min
 Lab File: BF115115.D
 Acq: 22 Jun 2019 12:50

Tgt Ion:107 Resp: 529231
 Ion Ratio Lower Upper
 107 100
 144 28.1 21.7 32.5
 142 86.3 67.0 100.4



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

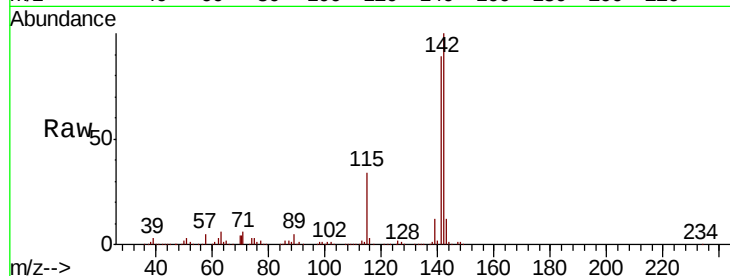




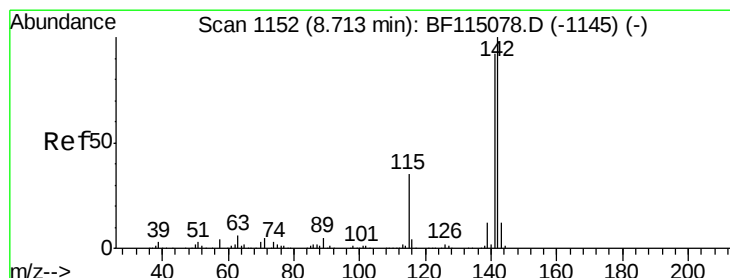
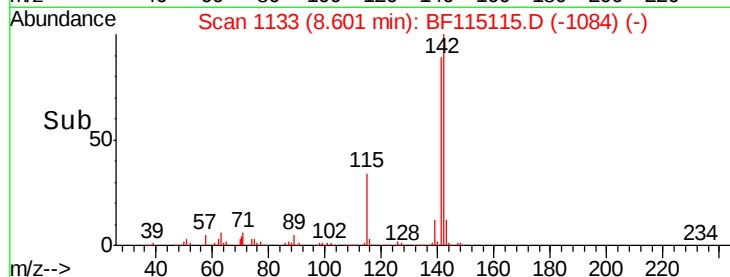
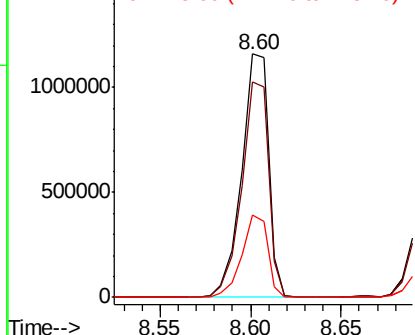
#37
 2-Methylnaphthalene
 Concen: 33.974 ng
 RT: 8.60 min Scan# 1133
 Delta R.T. -0.01 min
 Lab File: BF115115.D
 Acq: 22 Jun 2019 12:50

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-008-AMSD

Tot Ion:142 Resp: 1198233
 Ion Ratio Lower Upper
 142 100
 141 88.8 69.8 104.6
 115 33.9 26.7 40.1

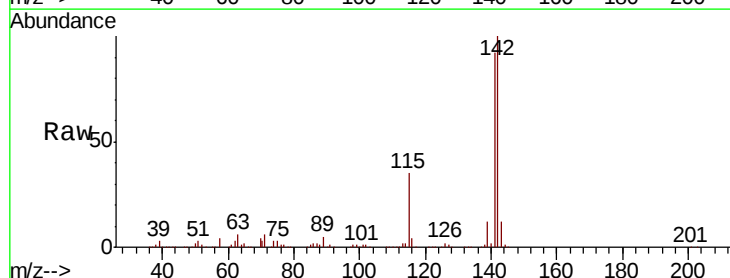


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

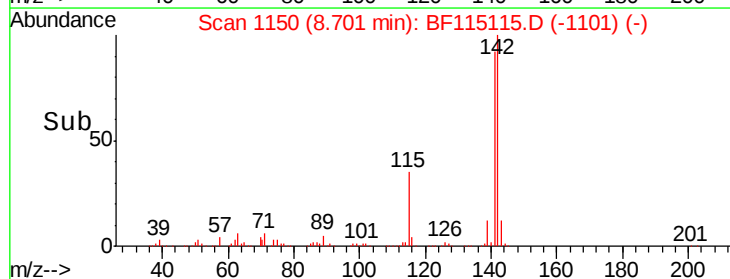
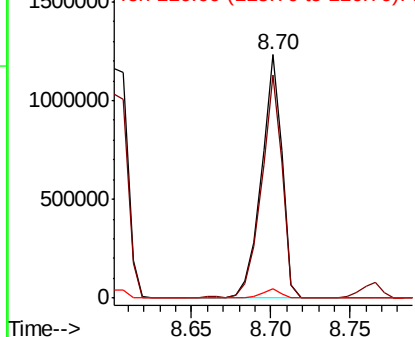


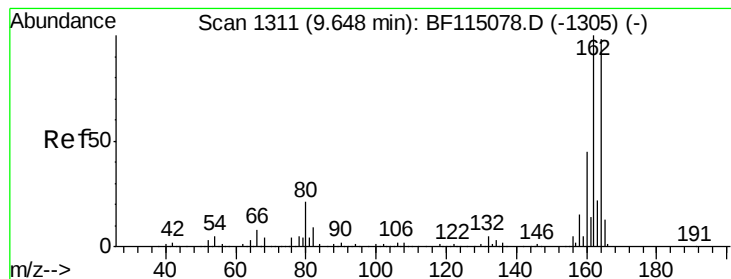
#38
 1-Methylnaphthalene
 Concen: 33.422 ng
 RT: 8.70 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF115115.D
 Acq: 22 Jun 2019 12:50

Tgt Ion:142 Resp: 1125798
 Ion Ratio Lower Upper
 142 100
 141 91.5 73.8 110.8
 116 3.7 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: 9.64 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF115115.D

Acq: 22 Jun 2019 12:50

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-008-AMSD

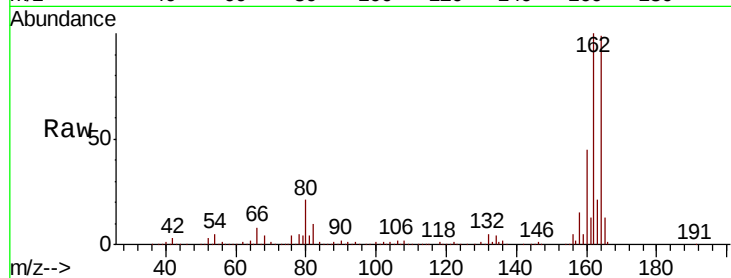
Tot Ion:164 Resp: 523948

Ion Ratio Lower Upper

164 100

162 101.4 81.7 122.5

160 46.0 37.0 55.4

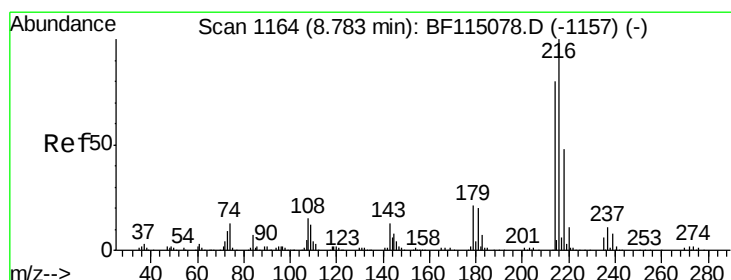
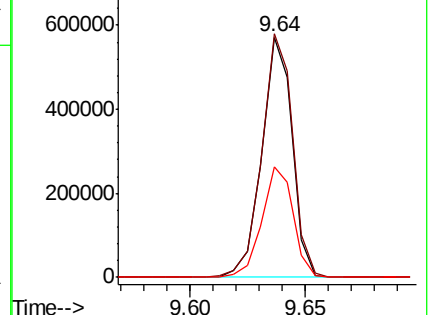
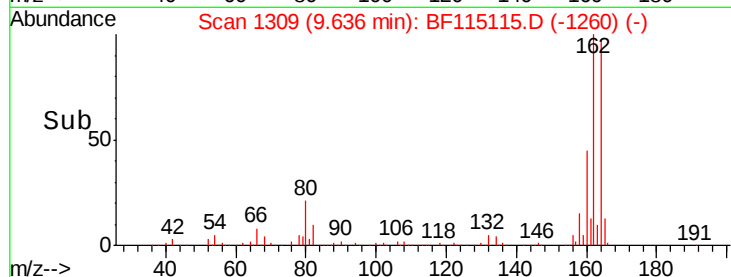


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 33.190 ng

RT: 8.77 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BF115115.D

Acq: 22 Jun 2019 12:50

Tgt Ion:216 Resp: 491414

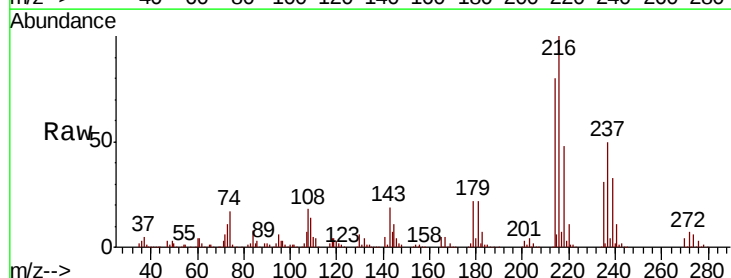
Ion Ratio Lower Upper

216 100

214 79.9 63.8 95.6

179 22.1 17.6 26.4

108 20.9 15.7 23.5



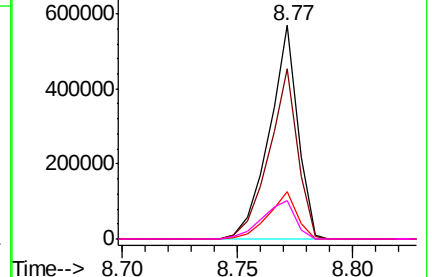
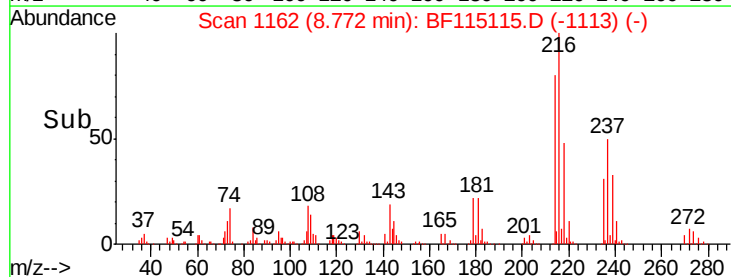
Abundance

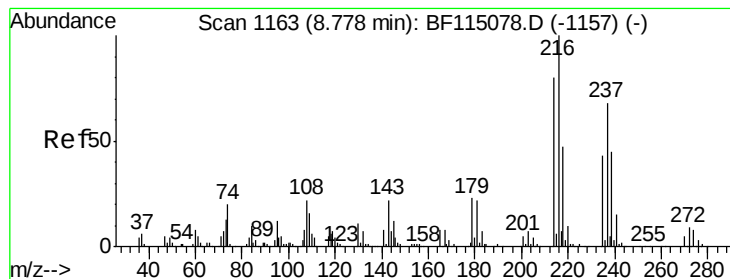
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 63.258 ng

RT: 8.77 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BF115115.D

Acq: 22 Jun 2019 12:50

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-008-AMSD

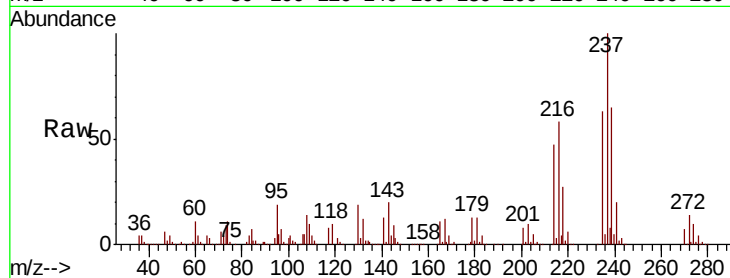
Tot Ion:237 Resp: 555368

Ion Ratio Lower Upper

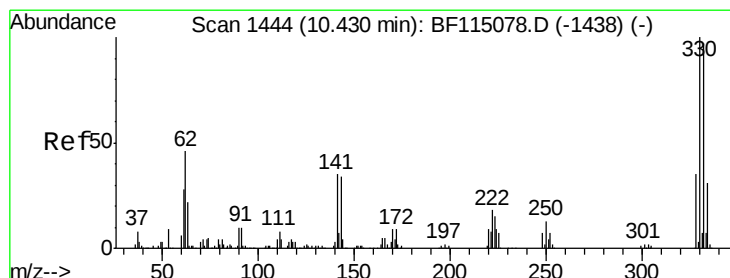
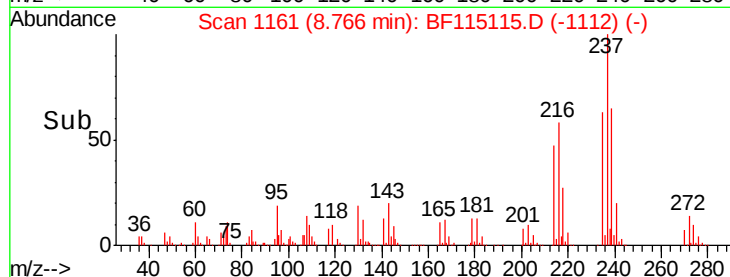
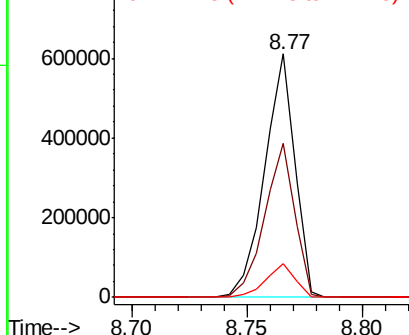
237 100

235 63.3 43.9 83.9

272 13.6 0.0 33.8



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



#42

2,4,6-Tribromophenol

Concen: 93.705 ng

RT: 10.42 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BF115115.D

Acq: 22 Jun 2019 12:50

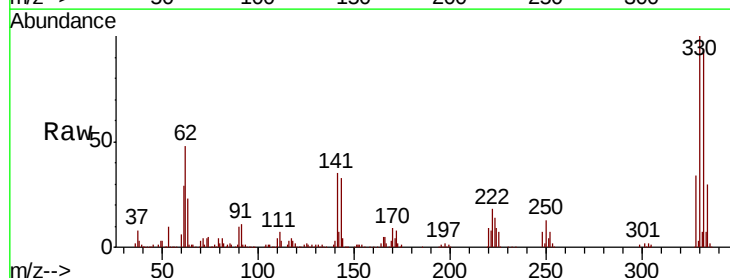
Tgt Ion:330 Resp: 517738

Ion Ratio Lower Upper

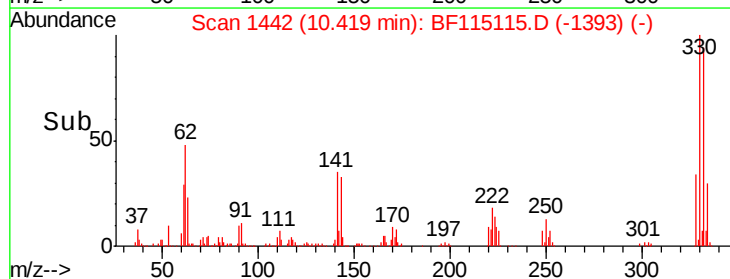
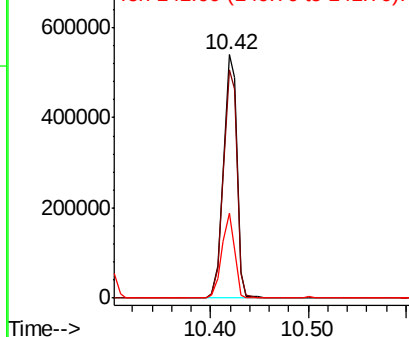
330 100

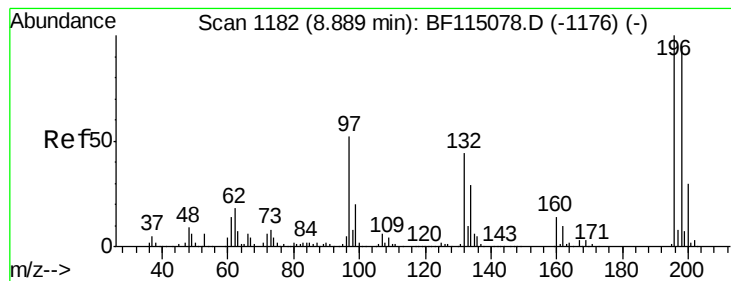
332 95.3 77.3 115.9

141 33.3 28.2 42.2



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: 31.551 ng

RT: 8.88 min Scan# 1180

Delta R.T. -0.01 min

Lab File: BF115115.D

Acq: 22 Jun 2019 12:50

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-008-AMSD

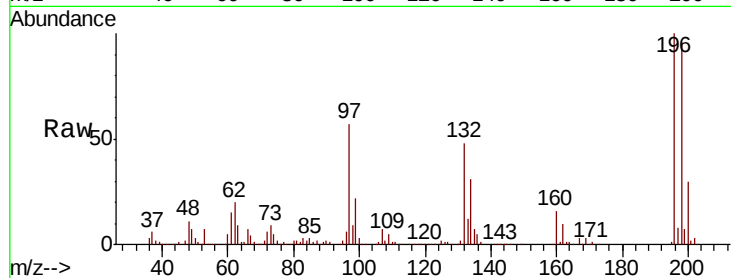
Tot Ion:196 Resp: 360653

Ion Ratio Lower Upper

196 100

198 96.2 76.3 114.5

200 30.2 24.2 36.4

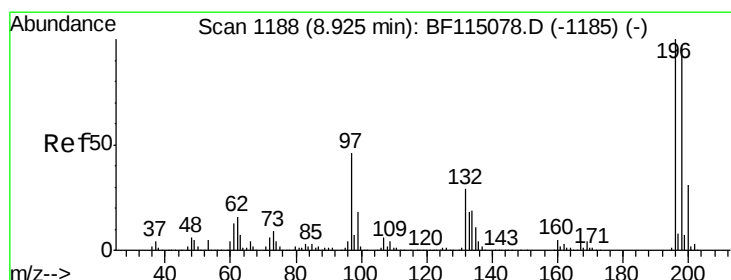
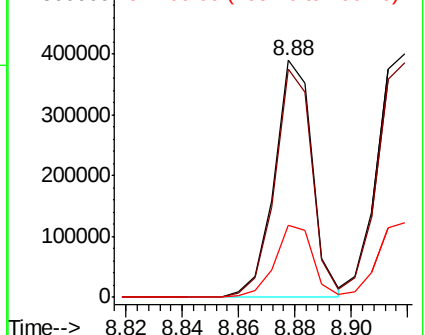
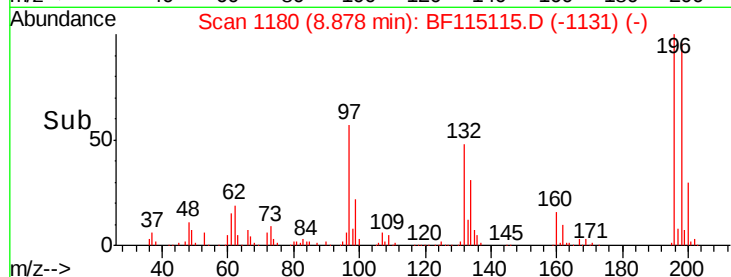


Abundance

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: 32.233 ng

RT: 8.92 min Scan# 1187

Delta R.T. -0.01 min

Lab File: BF115115.D

Acq: 22 Jun 2019 12:50

Tgt Ion:196 Resp: 379428

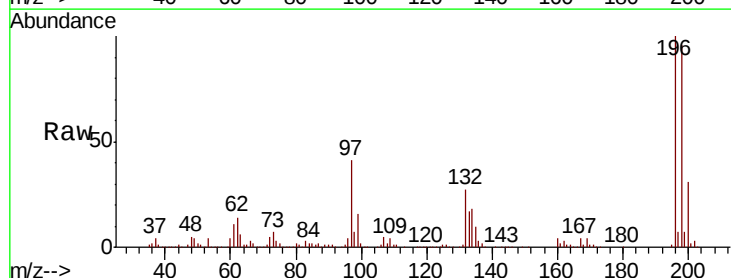
Ion Ratio Lower Upper

196 100

198 96.3 77.1 115.7

97 40.7 37.7 56.5

132 26.7 23.1 34.7



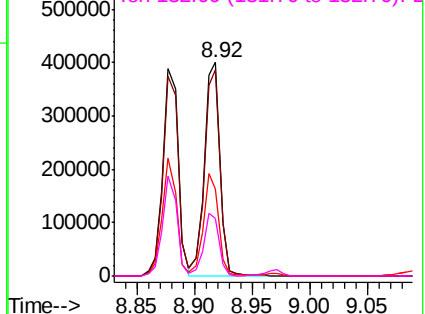
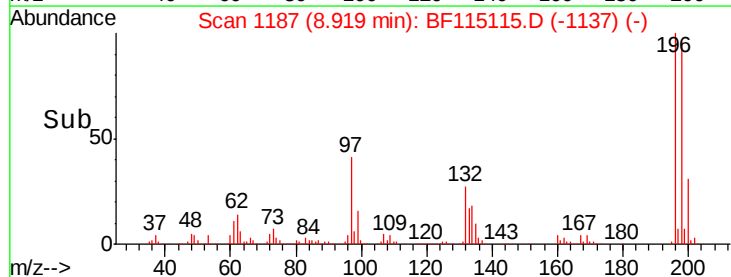
Abundance

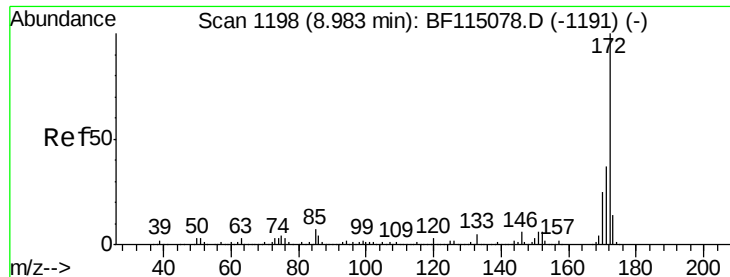
Ion 196.00 (195.70 to 196.70): E

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

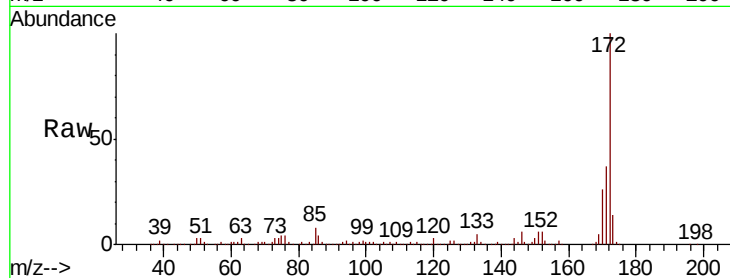




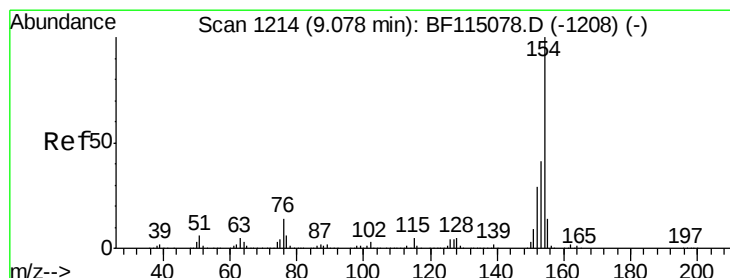
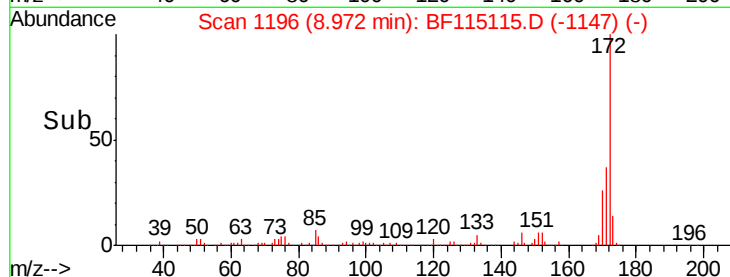
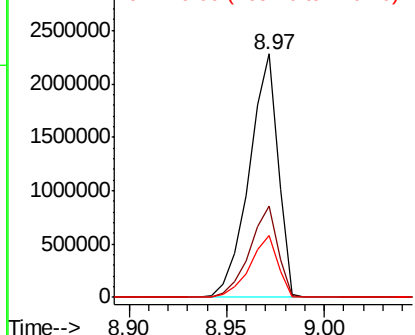
#45
2-Fluorobiphenyl
Concen: 75.651 ng
RT: 8.97 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF115115.D
Acq: 22 Jun 2019 12:50

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-008-AMSD

Tot Ion:172 Resp: 2333488
Ion Ratio Lower Upper
172 100
171 37.4 29.8 44.6
170 25.5 20.3 30.5

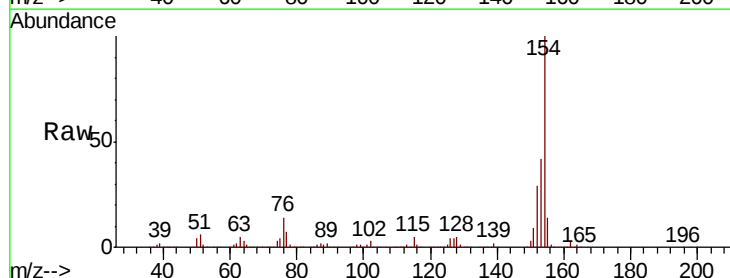


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

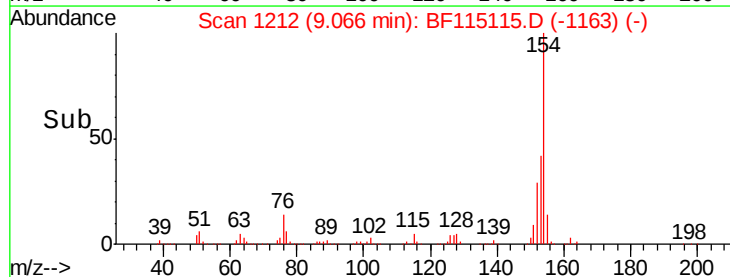
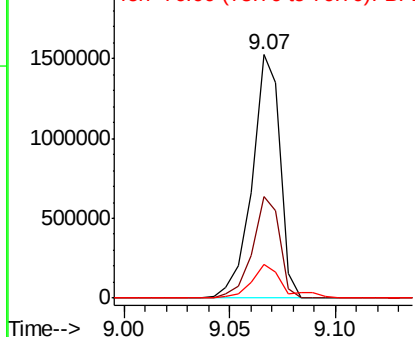


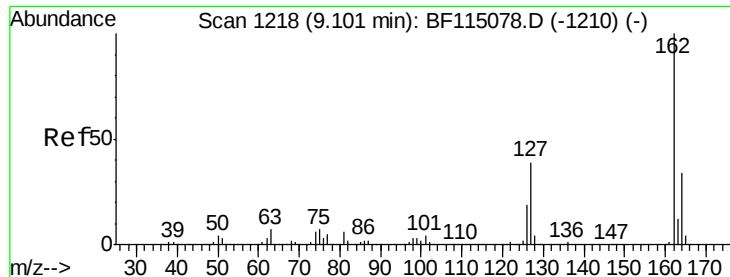
#46
1,1'-Biphenyl
Concen: 33.390 ng
RT: 9.07 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF115115.D
Acq: 22 Jun 2019 12:50

Tgt Ion:154 Resp: 1399827
Ion Ratio Lower Upper
154 100
153 41.5 20.9 60.9
76 14.1 0.0 34.1



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

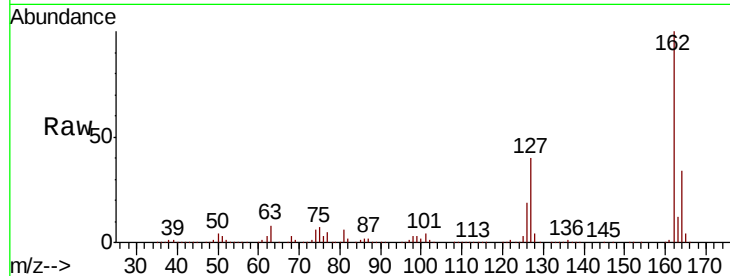




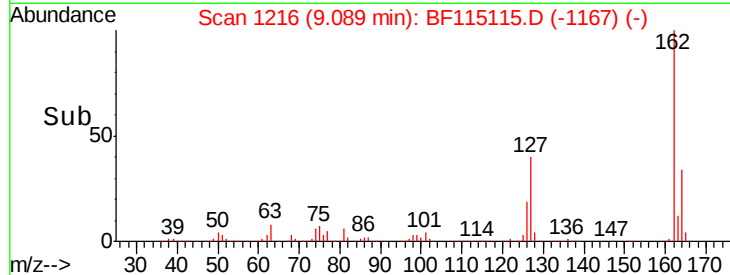
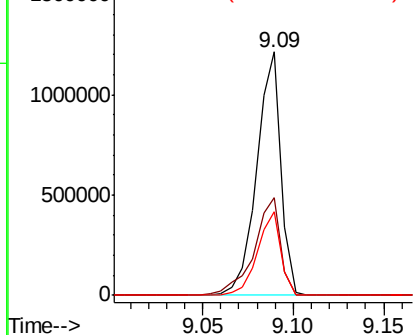
#47
 2-Chloronaphthalene
 Concen: 32.929 ng
 RT: 9.09 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF115115.D
 Acq: 22 Jun 2019 12:50

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-008-AMSD

Tot Ion:162 Resp: 1119798
 Ion Ratio Lower Upper
 162 100
 127 40.0 30.8 46.2
 164 34.2 27.0 40.4

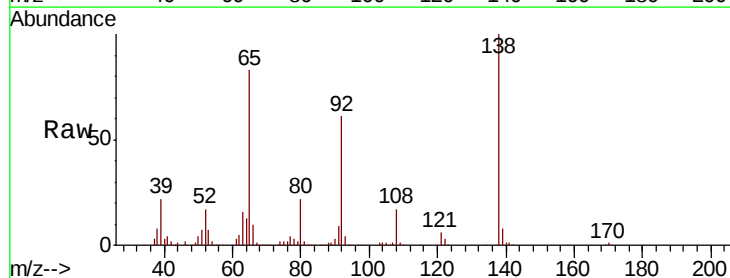


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

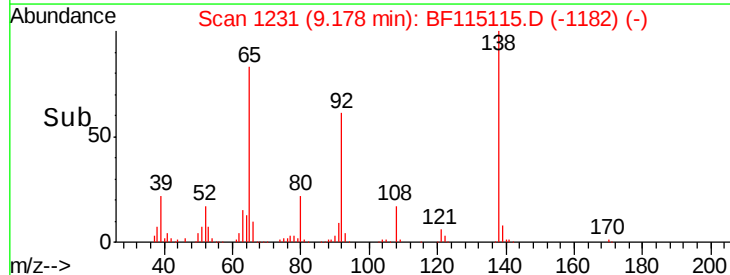
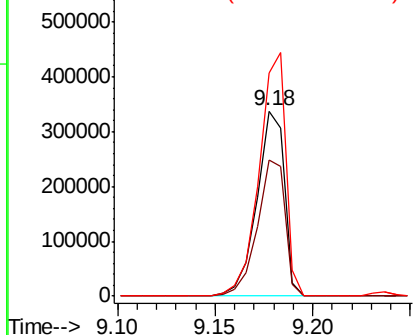


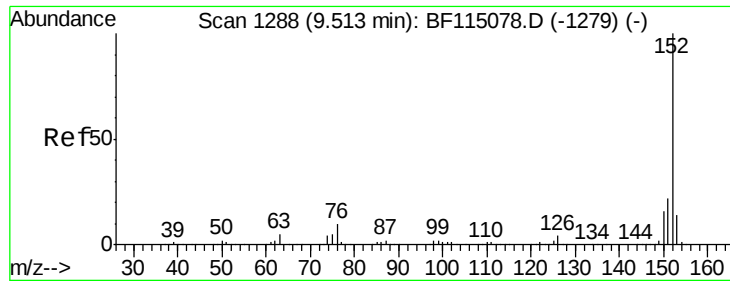
#48
 2-Nitroaniline
 Concen: 33.352 ng
 RT: 9.18 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF115115.D
 Acq: 22 Jun 2019 12:50

Tgt Ion: 65 Resp: 330661
 Ion Ratio Lower Upper
 65 100
 92 73.3 57.4 86.2
 138 120.6 94.1 141.1



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: 33.196 ng

RT: 9.50 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF115115.D

Acq: 22 Jun 2019 12:50

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-008-AMSD

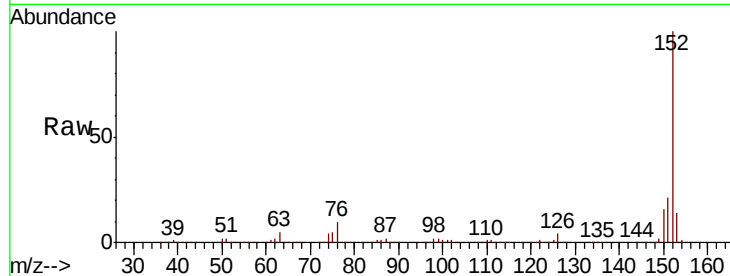
Tot Ion:152 Resp: 1758814

Ion Ratio Lower Upper

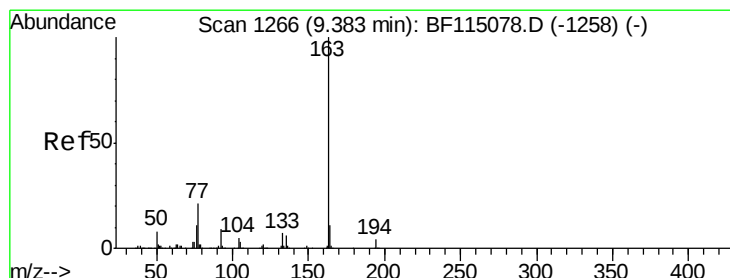
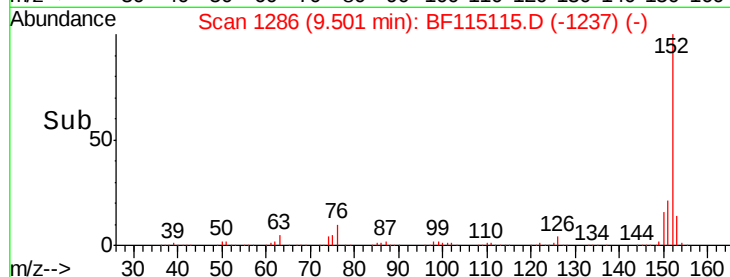
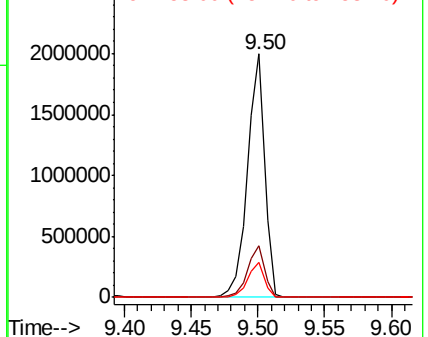
152 100

151 21.4 17.2 25.8

153 14.3 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 44.795 ng

RT: 9.38 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BF115115.D

Acq: 22 Jun 2019 12:50

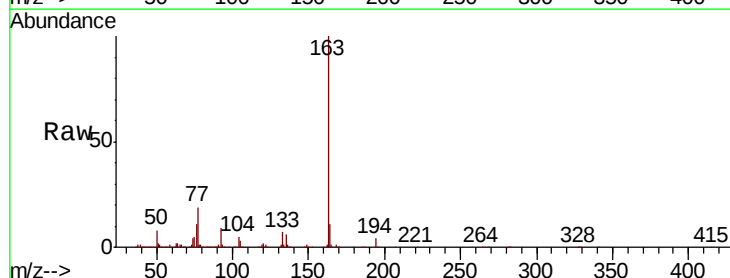
Tgt Ion:163 Resp: 1726769

Ion Ratio Lower Upper

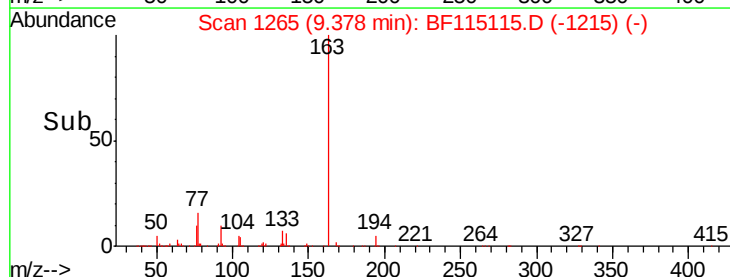
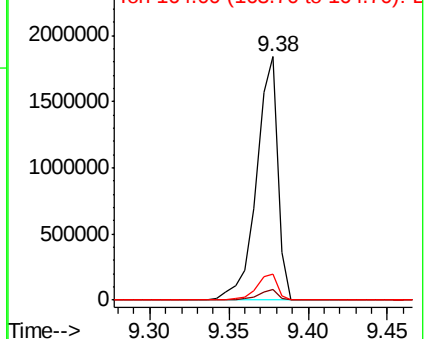
163 100

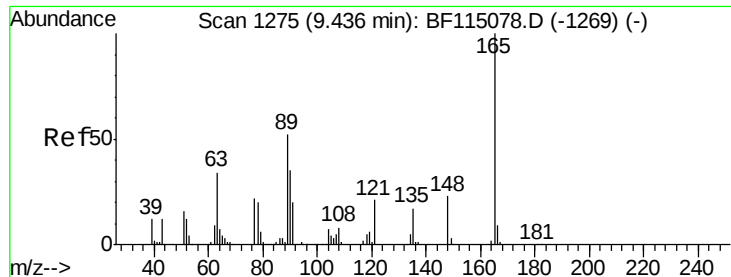
194 4.4 3.2 4.8

164 10.5 8.6 13.0



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

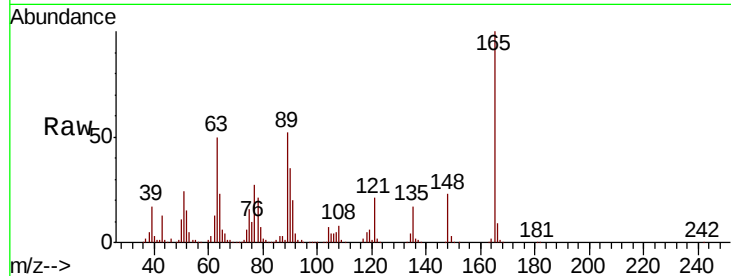




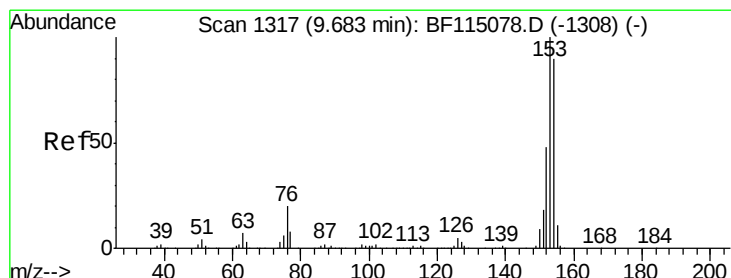
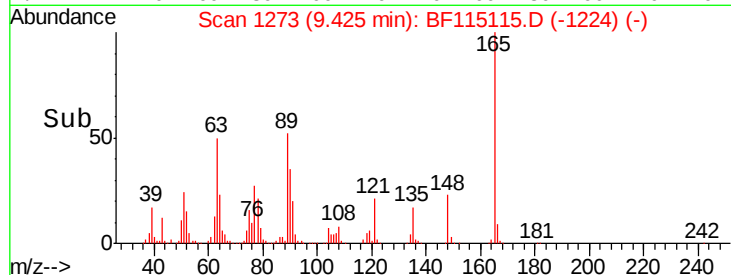
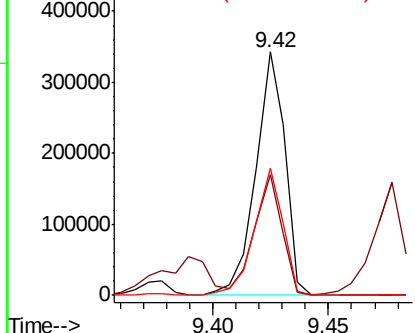
#51
2,6-Dinitrotoluene
Concen: 34.076 ng
RT: 9.42 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BF115115.D
Acq: 22 Jun 2019 12:50

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-008-AMSD

Tot Ion:165 Resp: 303256
Ion Ratio Lower Upper
165 100
63 49.7 39.4 59.2
89 52.5 42.0 63.0

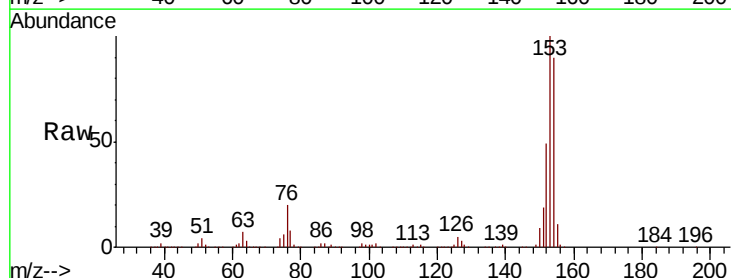


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

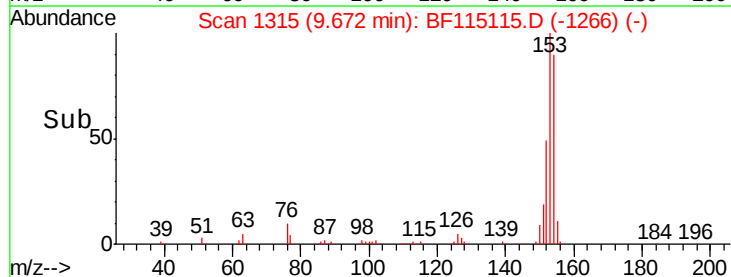
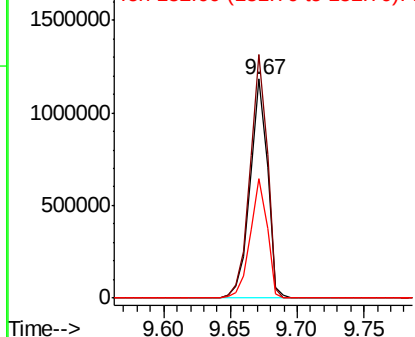


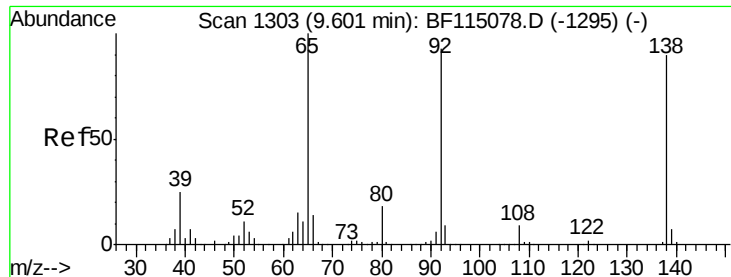
#52
Acenaphthene
Concen: 31.565 ng
RT: 9.67 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF115115.D
Acq: 22 Jun 2019 12:50

Tgt Ion:154 Resp: 1046493
Ion Ratio Lower Upper
154 100
153 111.2 88.7 133.1
152 54.5 42.6 64.0



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

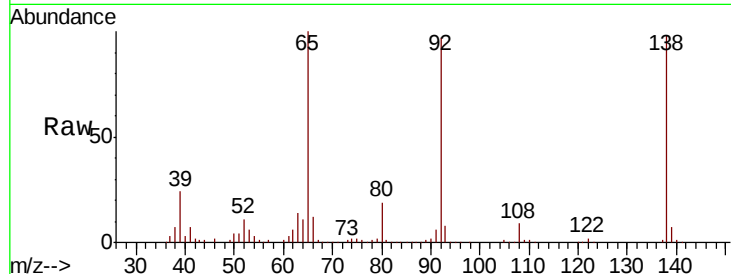




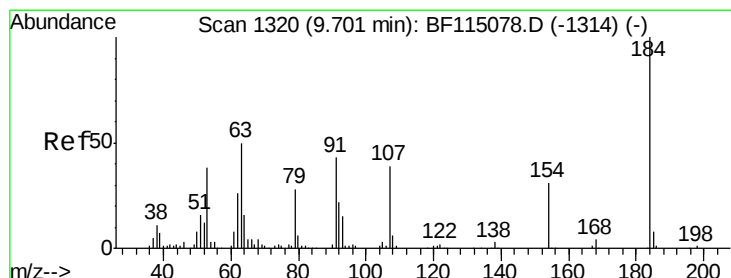
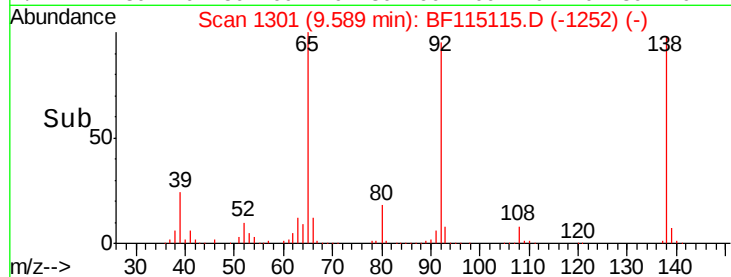
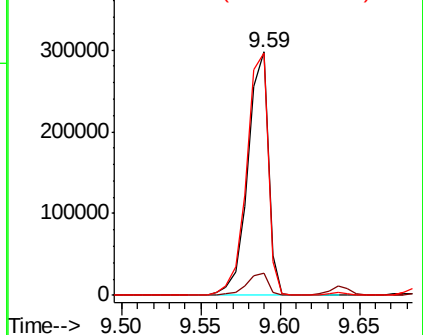
#53
 3-Nitroaniline
 Concen: 24.628 ng
 RT: 9.59 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: BF115115.D
 Acq: 22 Jun 2019 12:50

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-008-AMSD

Tot Ion:138 Resp: 267465
 Ion Ratio Lower Upper
 138 100
 108 9.2 7.8 11.6
 92 99.4 82.9 124.3

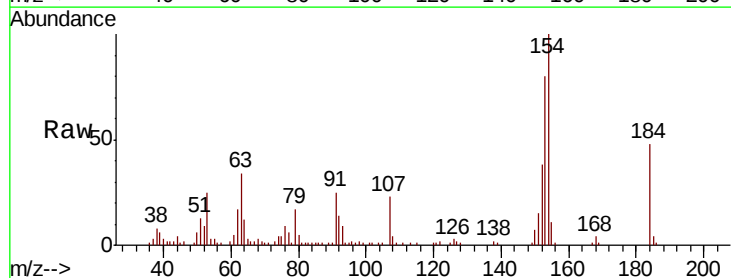


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

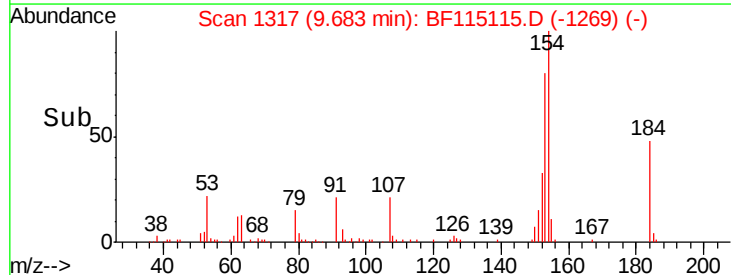
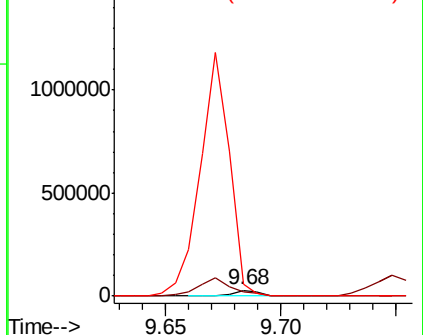


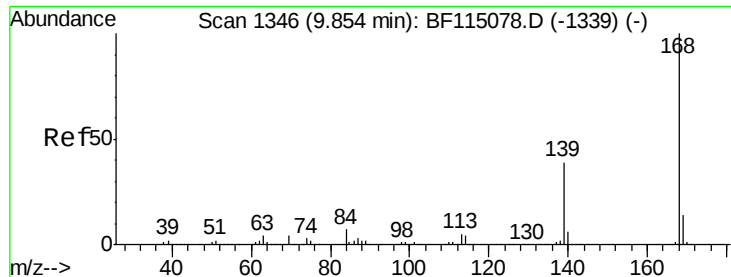
#54
 2,4-Dinitrophenol
 Concen: 11.989 ng
 RT: 9.68 min Scan# 1317
 Delta R.T. -0.02 min
 Lab File: BF115115.D
 Acq: 22 Jun 2019 12:50

Tgt Ion:184 Resp: 23421
 Ion Ratio Lower Upper
 184 100
 63 69.7 41.9 62.9#
 154 207.5 44.7 67.1#



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: 32.631 ng

RT: 9.84 min Scan# 1344

Delta R.T. -0.01 min

Lab File: BF115115.D

Acq: 22 Jun 2019 12:50

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-008-AMSD

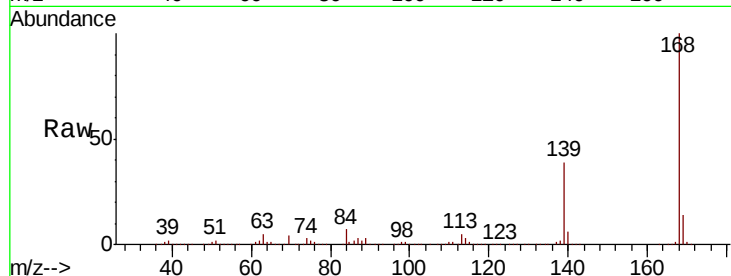
Tot Ion:168 Resp: 1552764

Ion Ratio Lower Upper

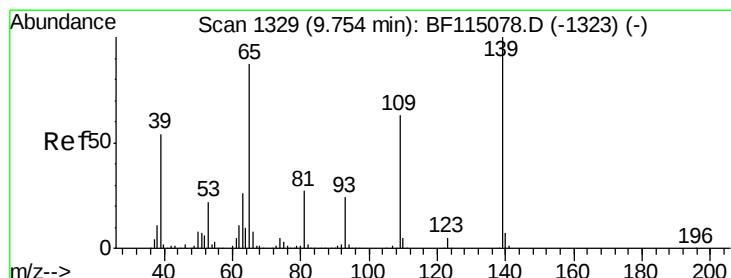
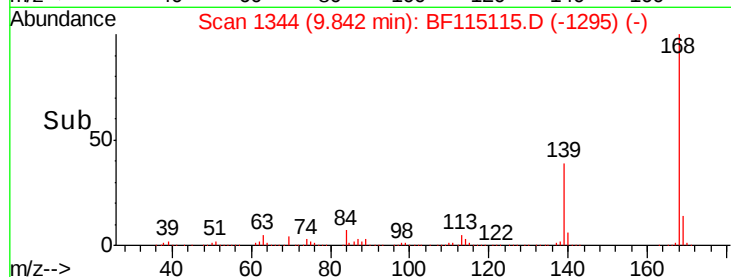
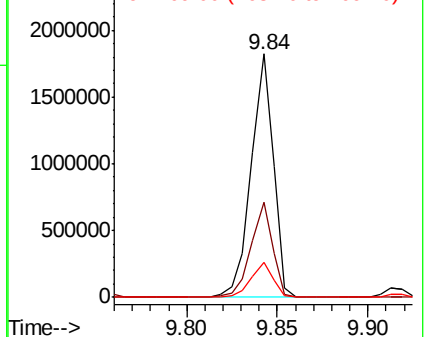
168 100

139 38.9 31.1 46.7

169 14.4 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E
2500000
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 53.780 ng

RT: 9.75 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF115115.D

Acq: 22 Jun 2019 12:50

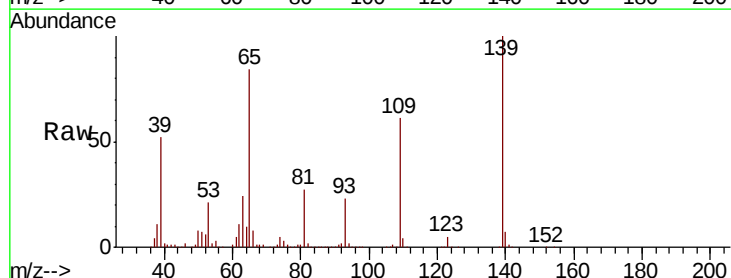
Tgt Ion:139 Resp: 468251

Ion Ratio Lower Upper

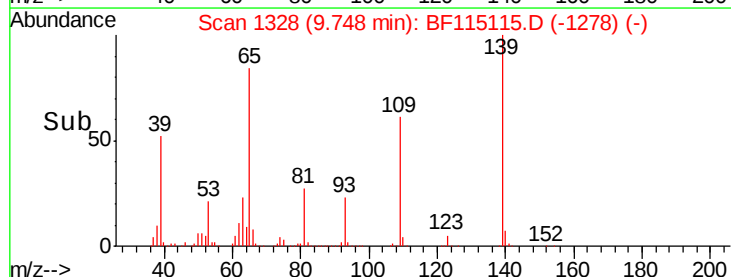
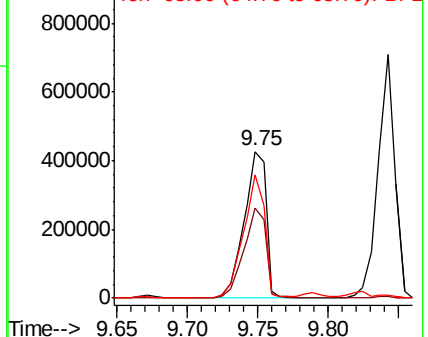
139 100

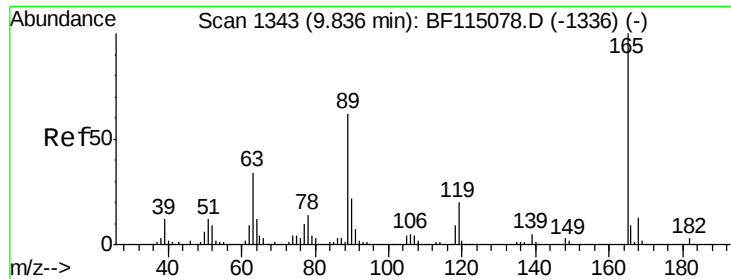
109 61.2 43.0 83.0

65 84.0 67.0 107.0



Abundance Ion 139.00 (138.70 to 139.70): E
800000
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

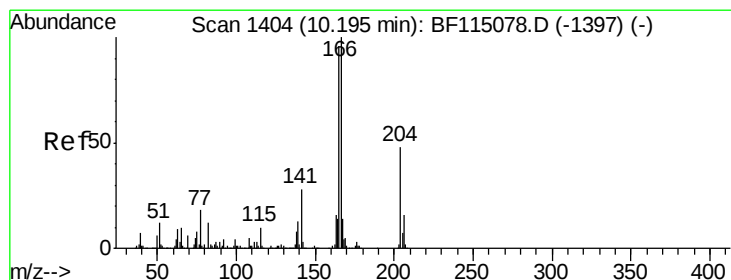
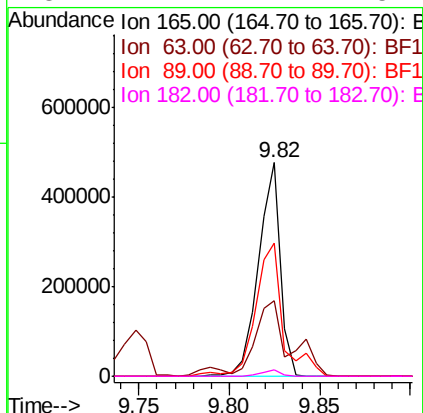
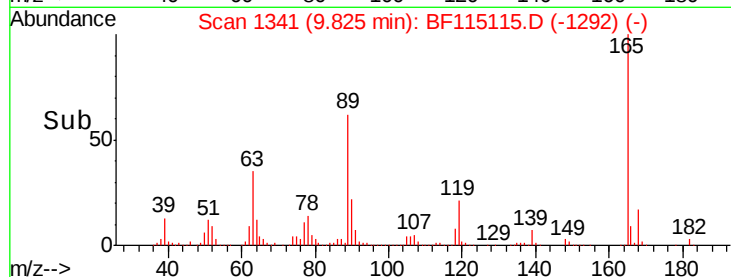
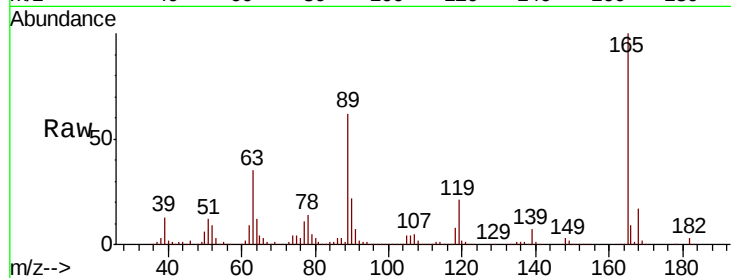




#57
2,4-Dinitrotoluene
Concen: 34.826 ng
RT: 9.82 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF115115.D
Acq: 22 Jun 2019 12:50

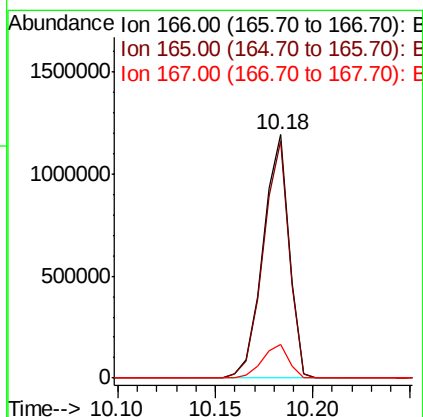
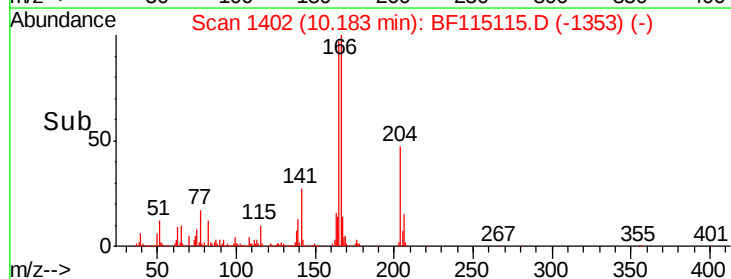
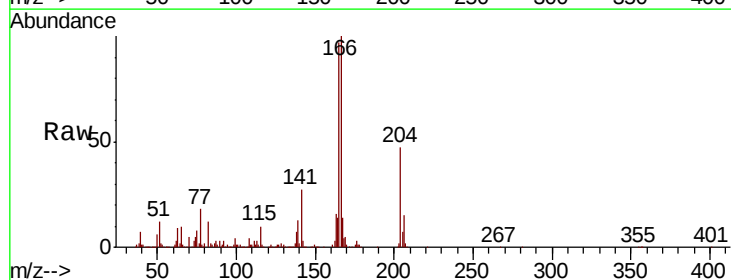
Instrument :
BNA_F
ClientSampleId :
FK-SF-03-008-AMSD

Tot Ion:165	Resp:	400196
Ion Ratio	Lower	Upper
165	100	
63	35.3	27.5 41.3
89	62.3	49.9 74.9
182	2.7	2.1 3.1



#58
Fluorene
Concen: 32.967 ng
RT: 10.18 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF115115.D
Acq: 22 Jun 2019 12:50

Tgt Ion:166	Resp:	1100253
Ion Ratio	Lower	Upper
166	100	
165	97.3	76.5 114.7
167	13.9	11.0 16.4

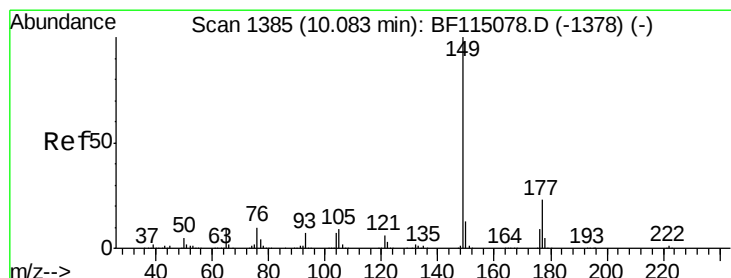
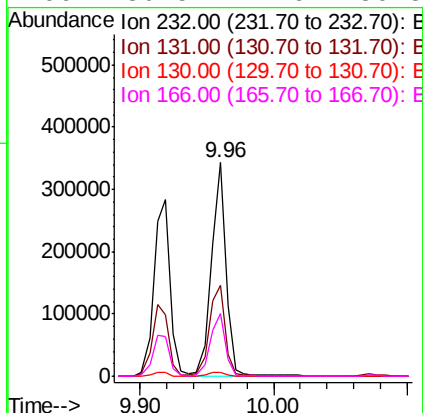
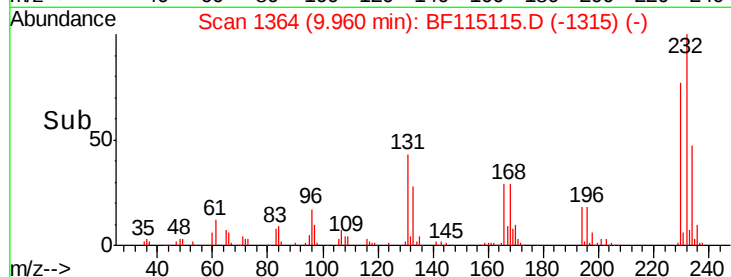
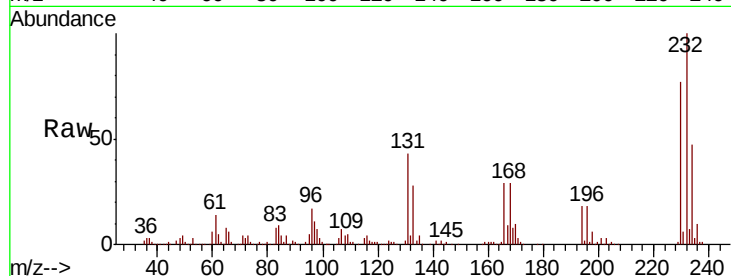




#59
2,3,4,6-Tetrachlorophenol
Concen: 26.789 ng
RT: 9.96 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BF115115.D
Acq: 22 Jun 2019 12:50

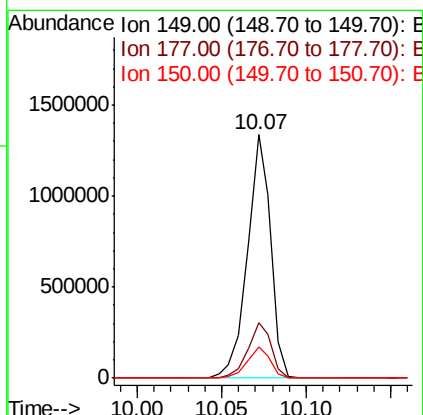
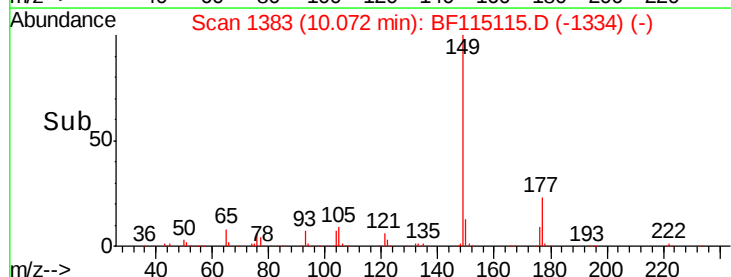
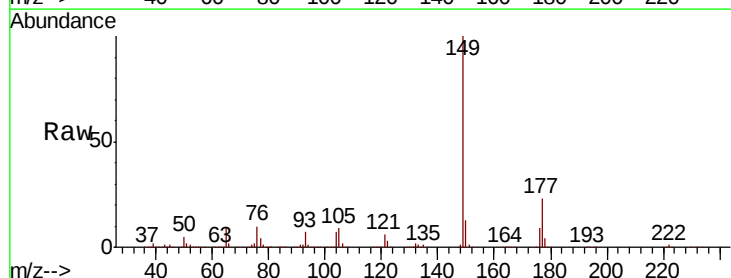
Instrument :
BNA_F
ClientSampleId :
FK-SF-03-008-AMSD

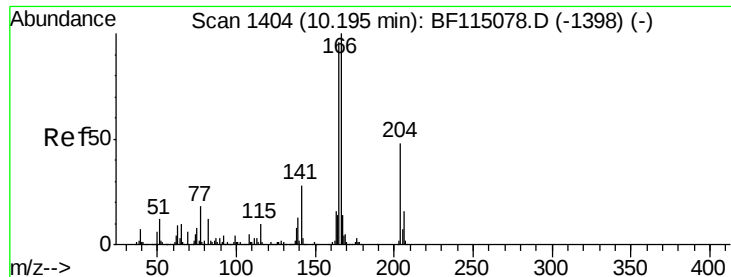
Tot Ion:	232	Resp:	264420
Ion	Ratio	Lower	Upper
232	100		
131	45.9	37.4	56.0
130	2.3	1.8	2.6
166	30.5	24.6	36.8



#60
Diethylphthalate
Concen: 33.095 ng
RT: 10.07 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BF115115.D
Acq: 22 Jun 2019 12:50

Tgt Ion:	149	Resp:	1282391
Ion	Ratio	Lower	Upper
149	100		
177	22.8	18.7	28.1
150	13.0	10.4	15.6

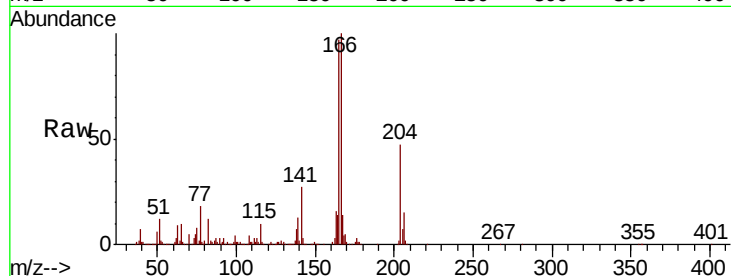




#61
 4-Chlorophenyl-phenylether
 Concen: 33.054 ng
 RT: 10.18 min Scan# 1402
 Delta R.T. -0.01 min
 Lab File: BF115115.D
 Acq: 22 Jun 2019 12:50

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-008-AMSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.6	40.0
141	57.6	46.7	70.1

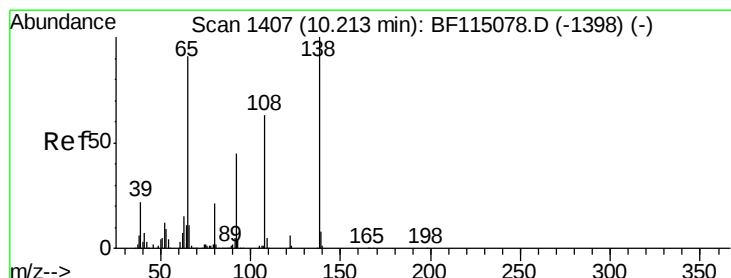
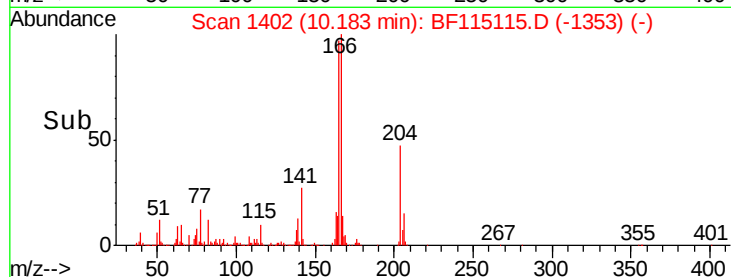
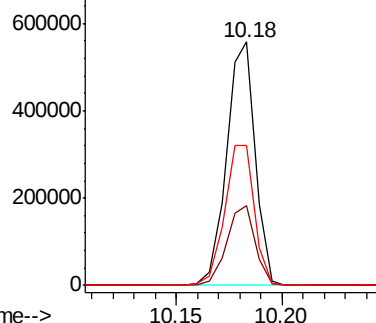


Abundance

Ion 204.00 (203.70 to 204.70): E

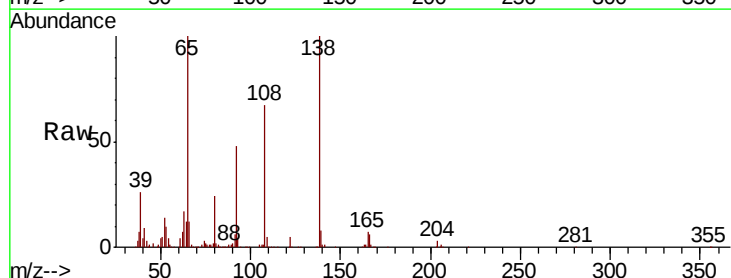
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 31.559 ng
 RT: 10.20 min Scan# 1404
 Delta R.T. -0.02 min
 Lab File: BF115115.D
 Acq: 22 Jun 2019 12:50

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.6	24.8	64.8
108	66.7	43.3	83.3

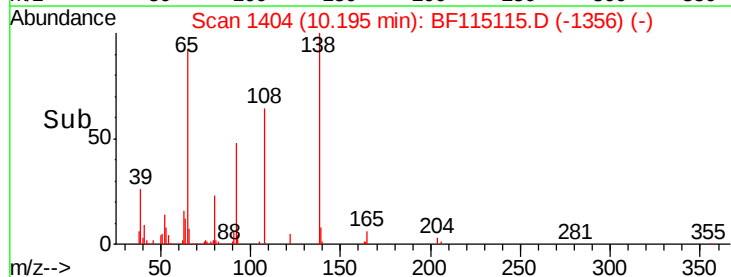
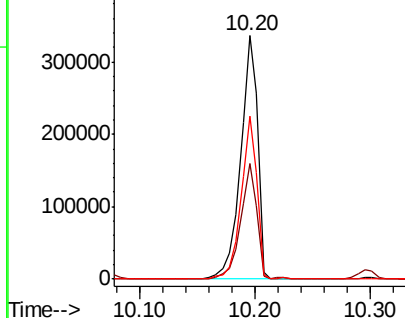


Abundance

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

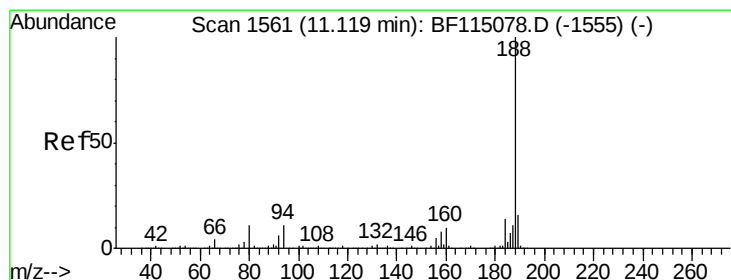
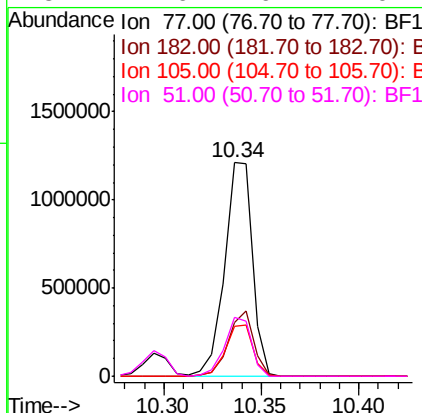
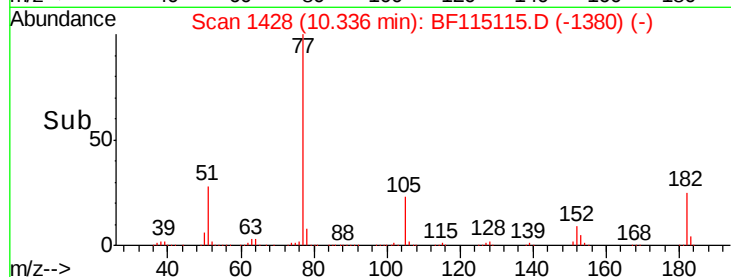
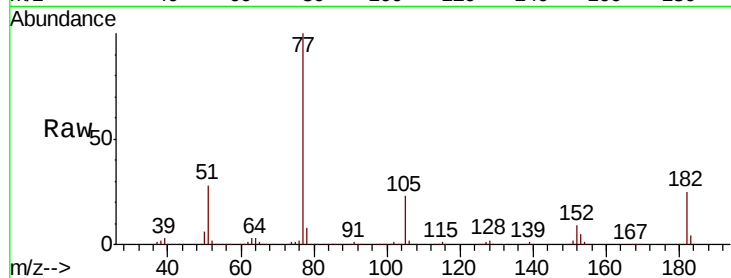




#63
Azobenzene
Concen: 33.037 ng
RT: 10.34 min Scan# 1428
Delta R.T. -0.02 min
Lab File: BF115115.D
Acq: 22 Jun 2019 12:50

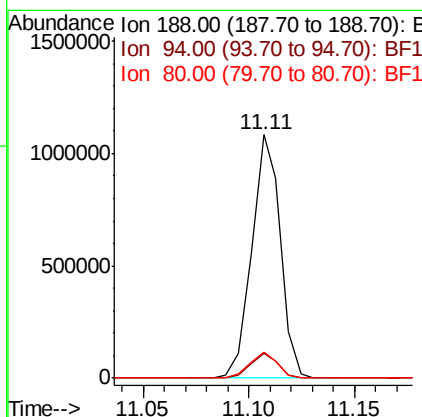
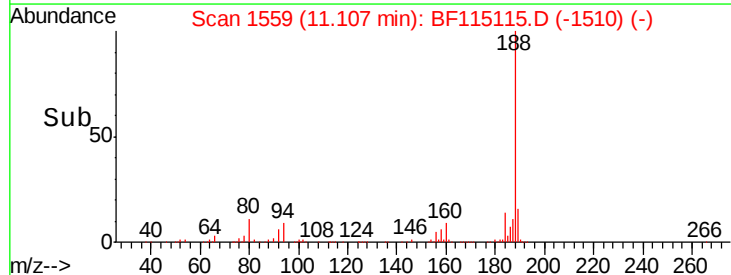
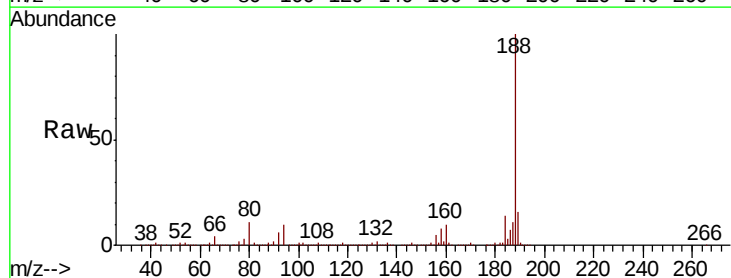
Instrument :
BNA_F
ClientSampleId :
FK-SF-03-008-AMSD

Tot Ion: 77 Resp: 1195678
Ion Ratio Lower Upper
77 100
182 25.2 10.1 50.1
105 23.2 4.5 44.5
51 27.6 6.4 46.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.11 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF115115.D
Acq: 22 Jun 2019 12:50

Tgt Ion: 188 Resp: 1015485
Ion Ratio Lower Upper
188 100
94 10.3 8.6 12.8
80 10.9 8.8 13.2

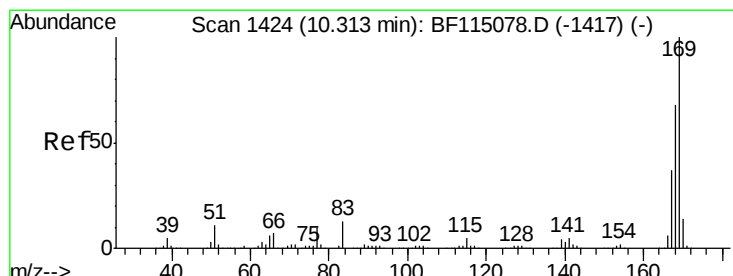
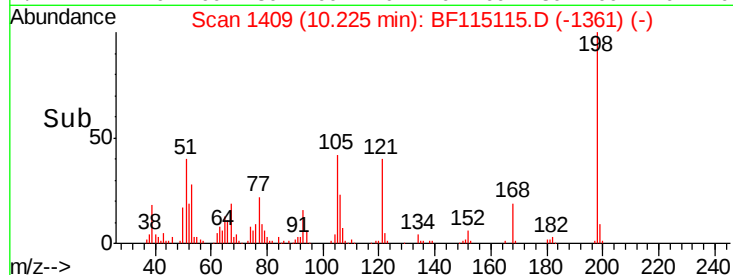
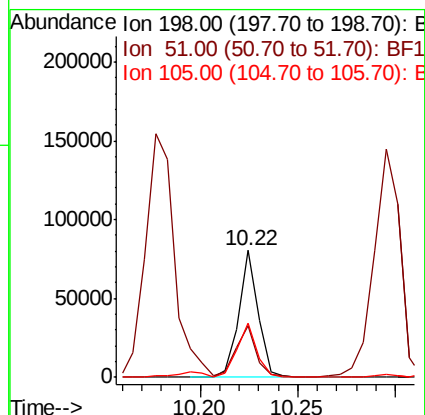
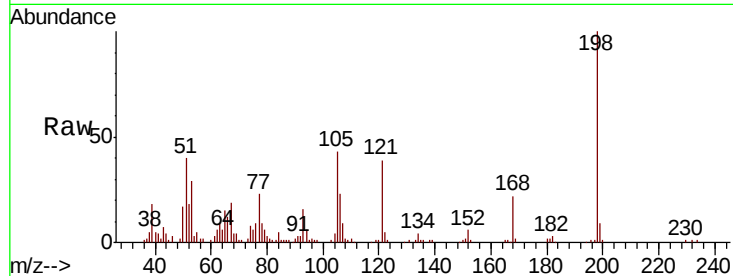




#65
 4,6-Dinitro-2-methylphenol
 Concen: 14.171 ng
 RT: 10.22 min Scan# 1409
 Delta R.T. -0.02 min
 Lab File: BF115115.D
 Acq: 22 Jun 2019 12:50

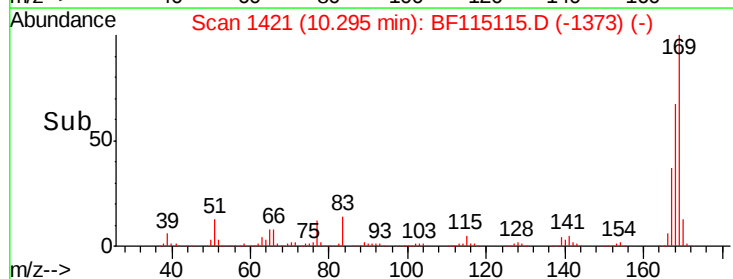
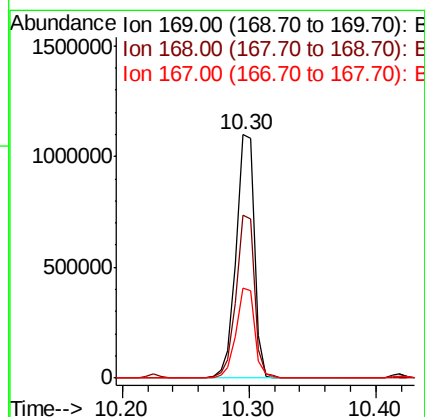
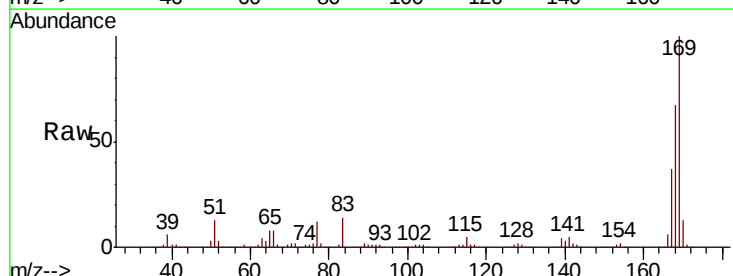
Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-008-AMSD

Tot Ion:198 Resp: 55503
 Ion Ratio Lower Upper
 198 100
 51 40.3 11.0 51.0
 105 43.1 17.3 57.3



#66
 n-Nitrosodiphenylamine
 Concen: 34.153 ng
 RT: 10.30 min Scan# 1421
 Delta R.T. -0.02 min
 Lab File: BF115115.D
 Acq: 22 Jun 2019 12:50

Tgt Ion:169 Resp: 1080497
 Ion Ratio Lower Upper
 169 100
 168 67.1 54.2 81.4
 167 36.9 29.4 44.0

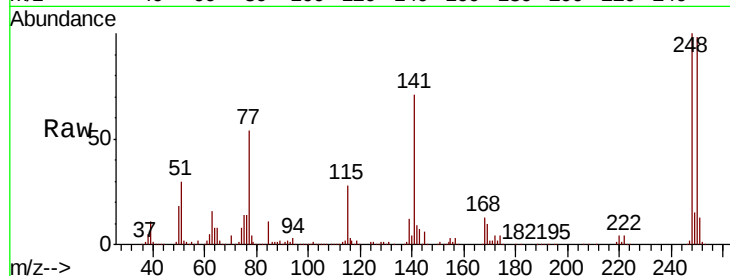




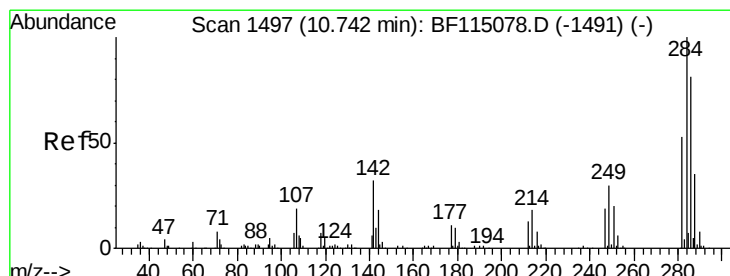
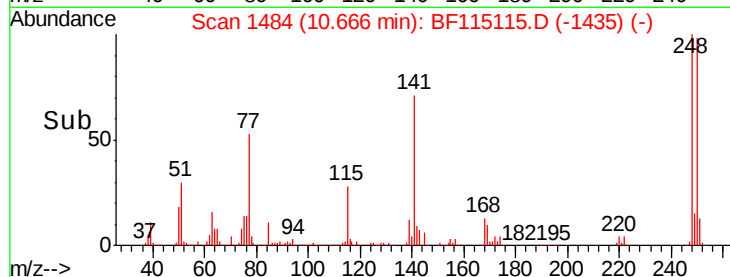
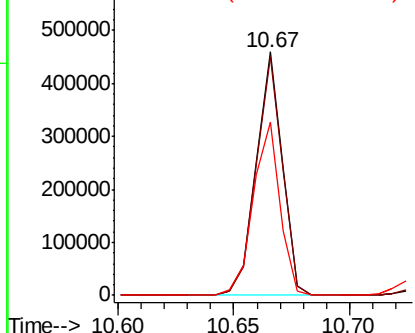
#67
 4-Bromophenyl-phenylether
 Concen: 33.273 ng
 RT: 10.67 min Scan# 1484
 Delta R.T. -0.01 min
 Lab File: BF115115.D
 Acq: 22 Jun 2019 12:50

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-008-AMSD

Tot Ion:248 Resp: 366337
 Ion Ratio Lower Upper
 248 100
 250 98.0 76.2 114.2
 141 71.3 59.6 89.4

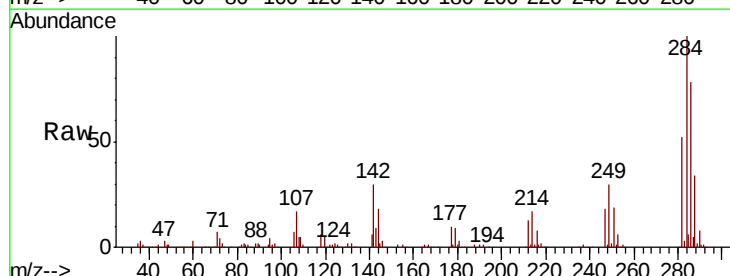


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

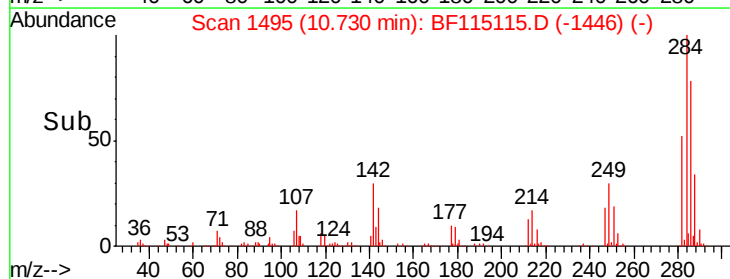
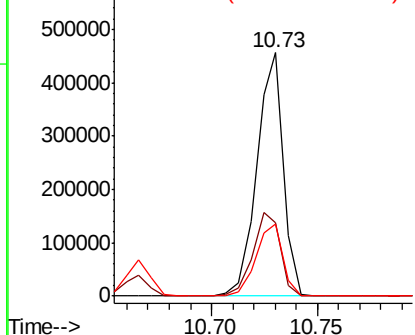


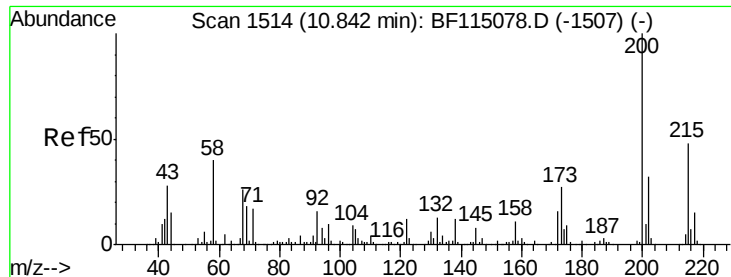
#68
 Hexachlorobenzene
 Concen: 33.222 ng
 RT: 10.73 min Scan# 1495
 Delta R.T. -0.01 min
 Lab File: BF115115.D
 Acq: 22 Jun 2019 12:50

Tgt Ion:284 Resp: 397024
 Ion Ratio Lower Upper
 284 100
 142 30.3 25.8 38.8
 249 29.7 24.2 36.4



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

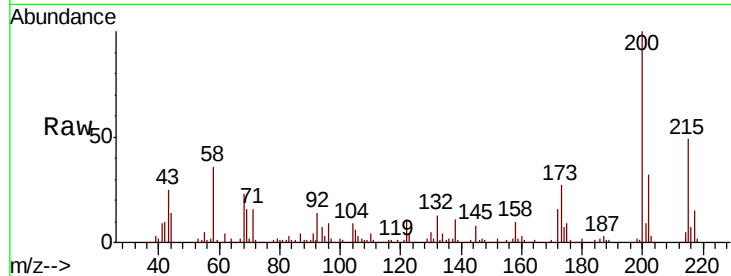




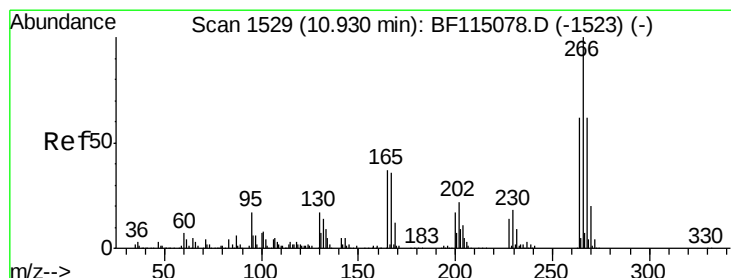
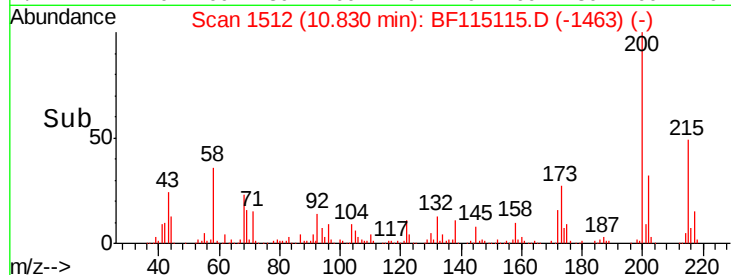
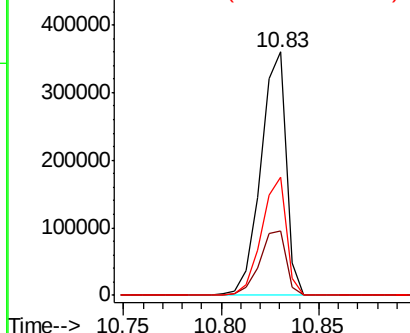
#69
 Atrazine
 Concen: 31.955 ng
 RT: 10.83 min Scan# 1512
 Delta R.T. -0.01 min
 Lab File: BF115115.D
 Acq: 22 Jun 2019 12:50

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-008-AMSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.6	7.4	47.4
215	48.5	27.8	67.8

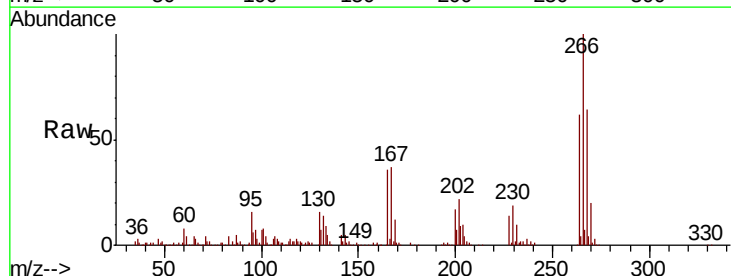


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

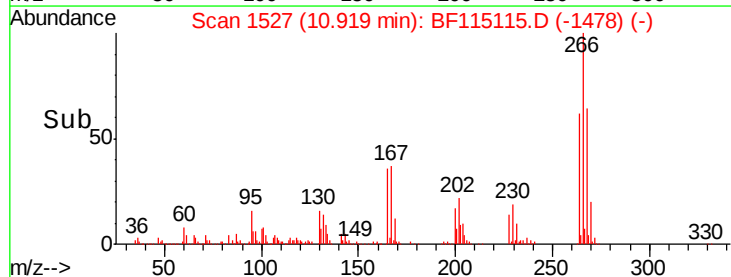
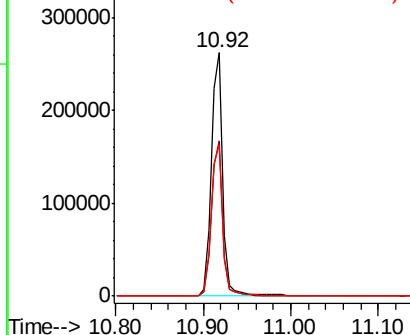


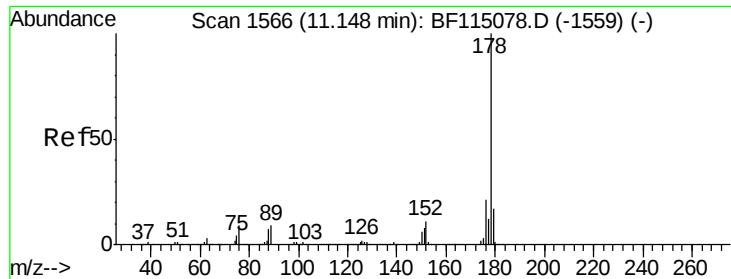
#70
 Pentachlorophenol
 Concen: 31.307 ng
 RT: 10.92 min Scan# 1527
 Delta R.T. -0.01 min
 Lab File: BF115115.D
 Acq: 22 Jun 2019 12:50

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.7	49.5	74.3
264	62.5	49.3	73.9



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

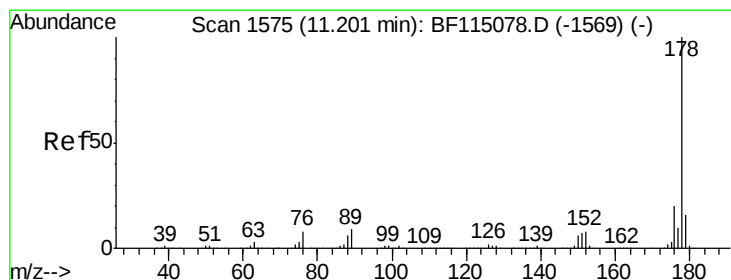
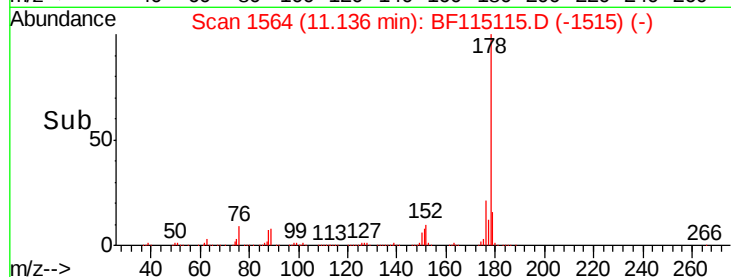
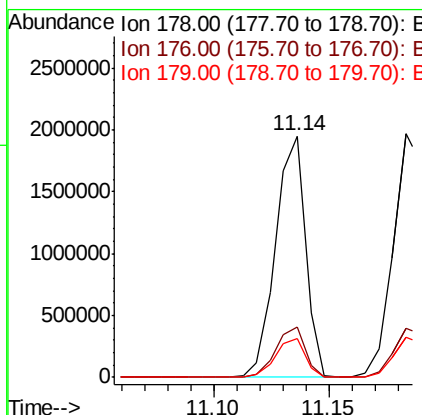
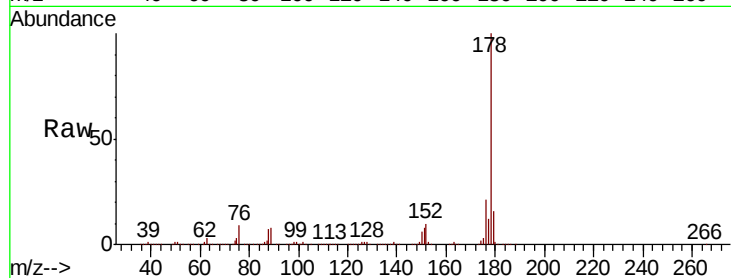




#71
Phenanthrene
Concen: 32.122 ng
RT: 11.14 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF115115.D
Acq: 22 Jun 2019 12:50

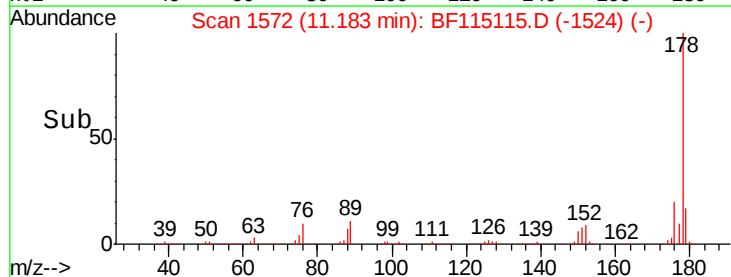
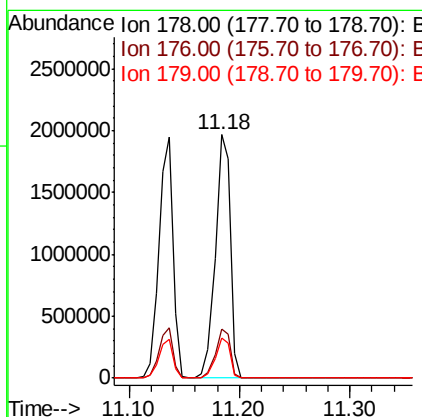
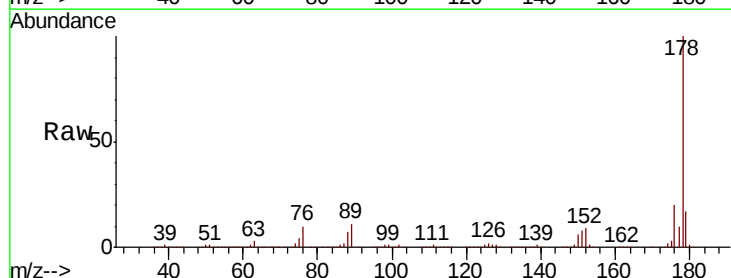
Instrument :
BNA_F
ClientSampleId :
FK-SF-03-008-AMSD

Tot Ion:178 Resp: 1756252
Ion Ratio Lower Upper
178 100
176 20.7 16.9 25.3
179 16.2 13.2 19.8



#72
Anthracene
Concen: 33.226 ng
RT: 11.18 min Scan# 1572
Delta R.T. -0.02 min
Lab File: BF115115.D
Acq: 22 Jun 2019 12:50

Tgt Ion:178 Resp: 1833746
Ion Ratio Lower Upper
178 100
176 20.3 16.1 24.1
179 16.7 12.9 19.3

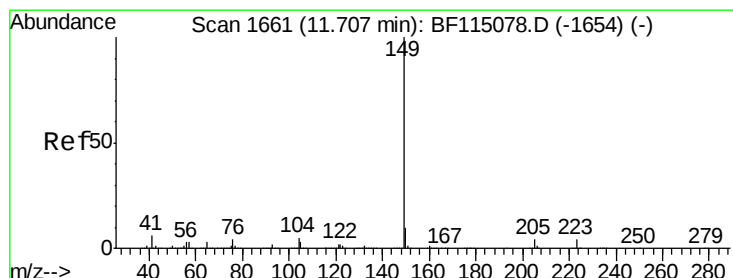
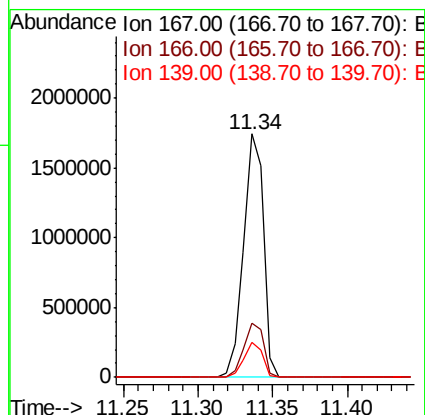
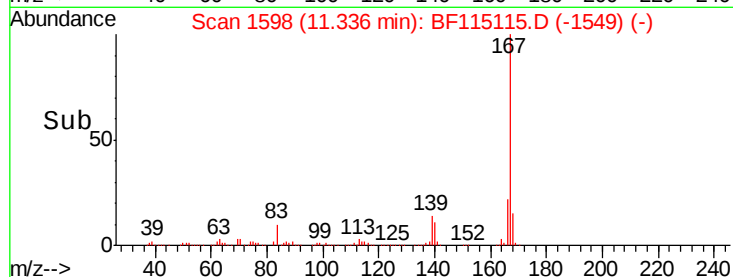
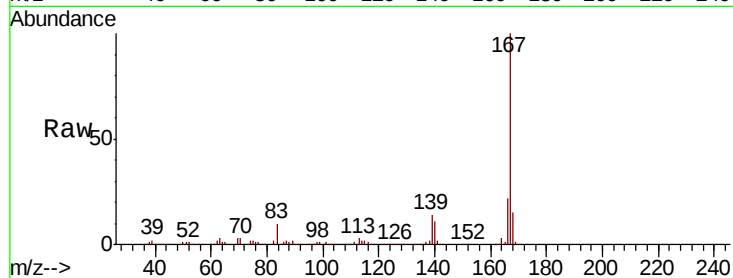




#73
 Carbazole
 Concen: 32.855 ng
 RT: 11.34 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BF115115.D
 Acq: 22 Jun 2019 12:50

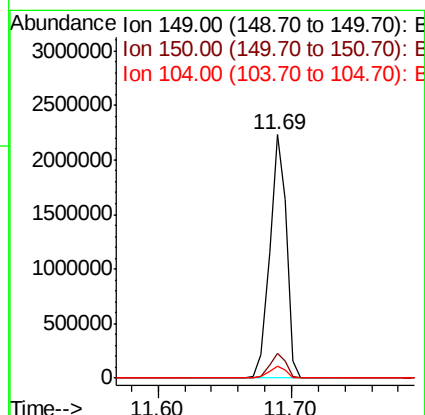
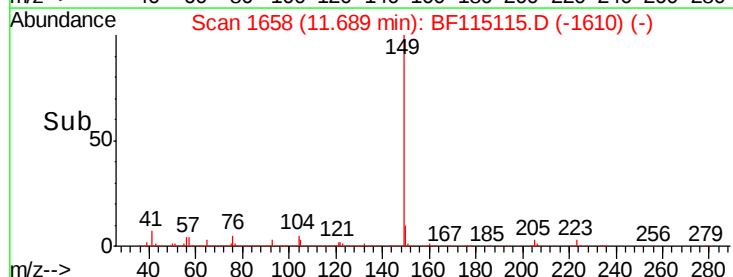
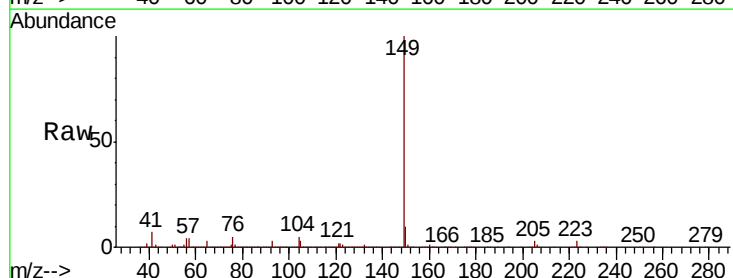
Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-008-AMSD

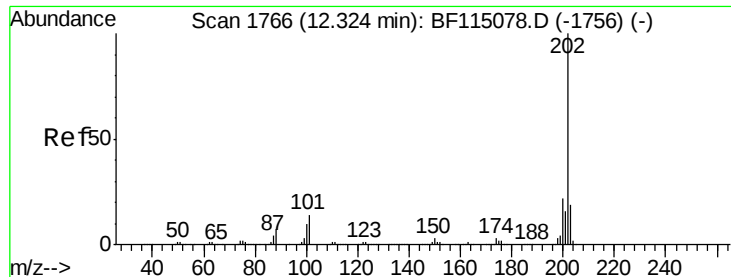
Tot Ion:167 Resp: 1619193
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.0 27.0
 139 14.2 11.1 16.7



#74
 Di-n-butylphthalate
 Concen: 33.709 ng
 RT: 11.69 min Scan# 1658
 Delta R.T. -0.02 min
 Lab File: BF115115.D
 Acq: 22 Jun 2019 12:50

Tgt Ion:149 Resp: 1919727
 Ion Ratio Lower Upper
 149 100
 150 10.1 7.8 11.8
 104 4.9 3.7 5.5





#75

Fluoranthene

Concen: 32.813 ng

RT: 12.31 min Scan# 1764

Delta R.T. -0.01 min

Lab File: BF115115.D

Acq: 22 Jun 2019 12:50

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-008-AMSD

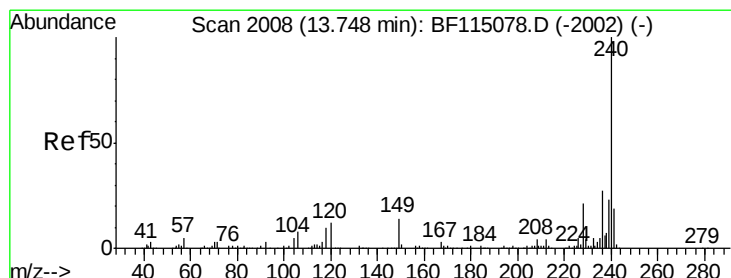
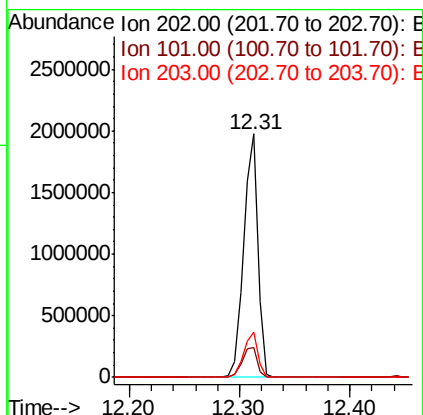
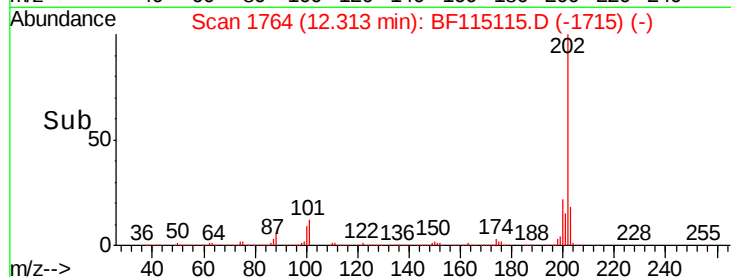
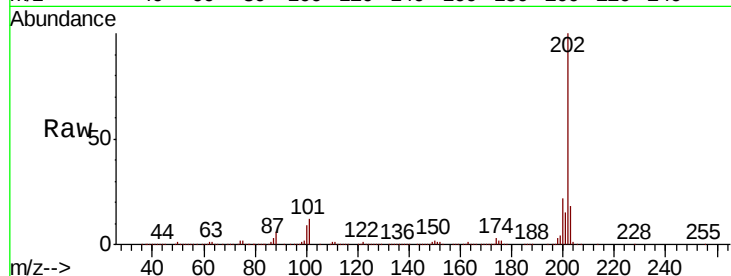
Tot Ion:202 Resp: 1790030

Ion Ratio Lower Upper

202 100

101 12.1 0.0 34.0

203 18.5 0.0 38.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.72 min Scan# 2004

Delta R.T. -0.02 min

Lab File: BF115115.D

Acq: 22 Jun 2019 12:50

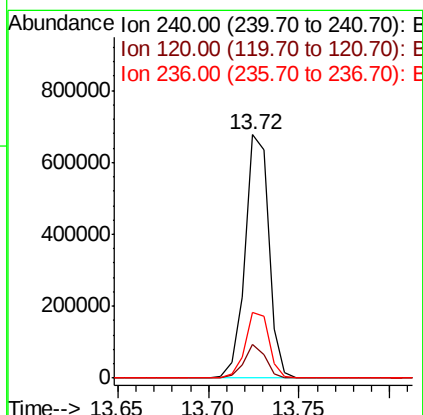
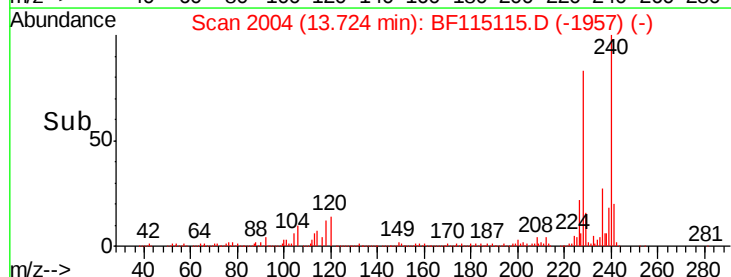
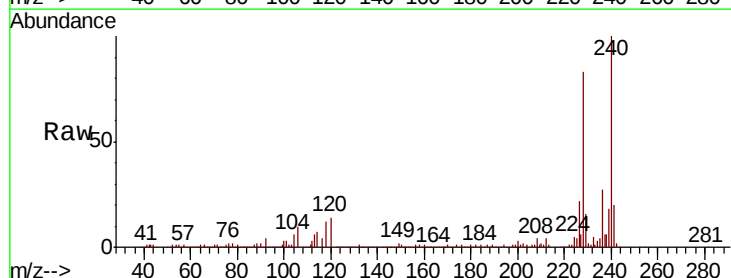
Tgt Ion:240 Resp: 615533

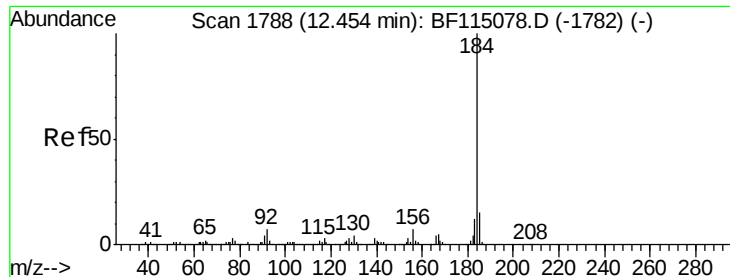
Ion Ratio Lower Upper

240 100

120 14.1 9.4 14.2

236 27.0 21.7 32.5





#77

Benzidine

Concen: 14.279 ng

RT: 12.43 min Scan# 1784

Delta R.T. -0.02 min

Lab File: BF115115.D

Acq: 22 Jun 2019 12:50

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-008-AMSD

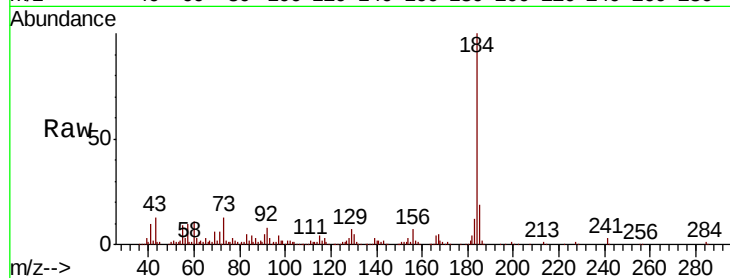
Tot Ion:184 Resp: 390277

Ion Ratio Lower Upper

184 100

185 18.8 12.2 18.2#

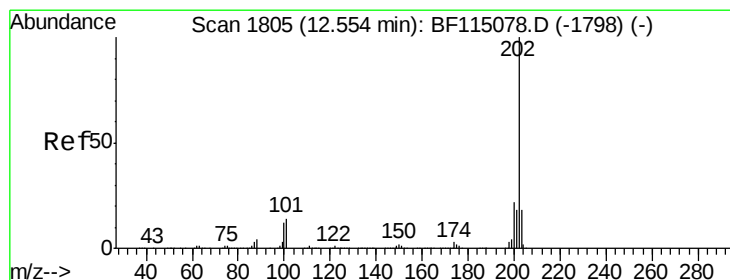
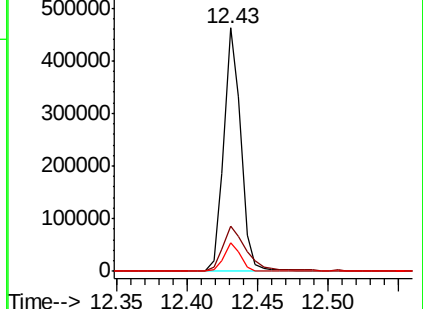
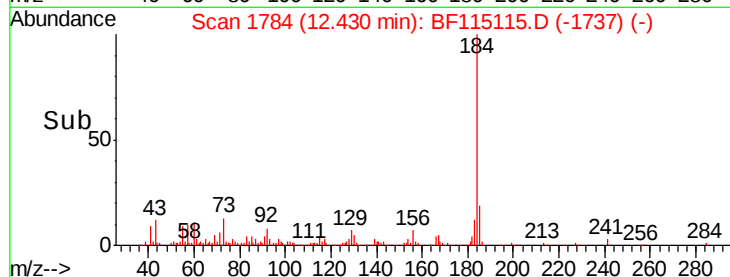
183 11.7 9.6 14.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.890 ng

RT: 12.54 min Scan# 1802

Delta R.T. -0.02 min

Lab File: BF115115.D

Acq: 22 Jun 2019 12:50

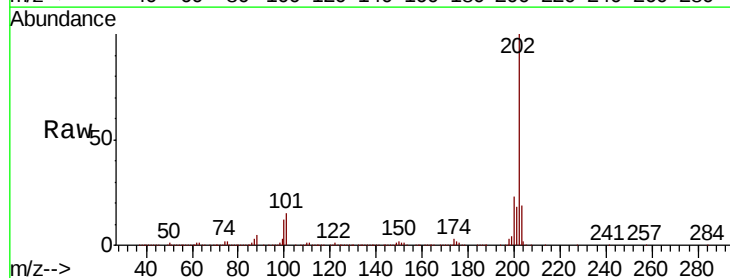
Tgt Ion:202 Resp: 1792347

Ion Ratio Lower Upper

202 100

200 23.1 17.9 26.9

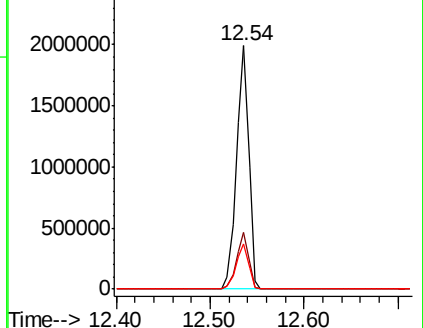
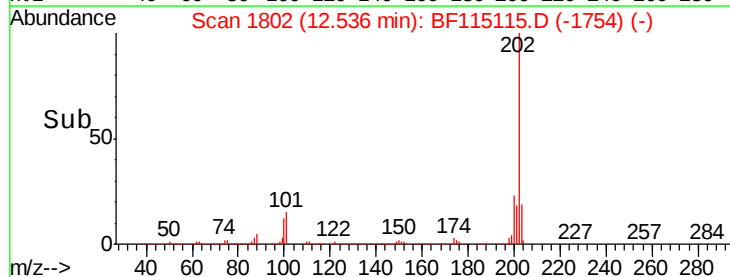
203 18.6 14.6 21.8

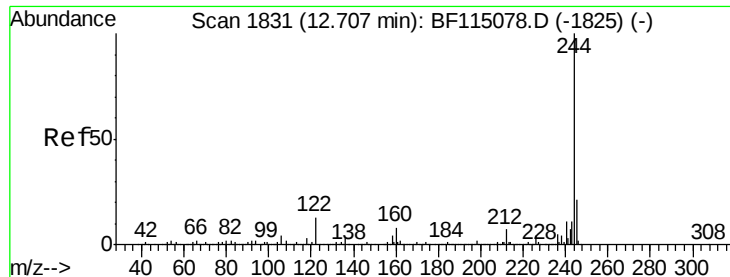


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 84.079 ng

RT: 12.70 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF115115.D

Acq: 22 Jun 2019 12:50

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-008-AMSD

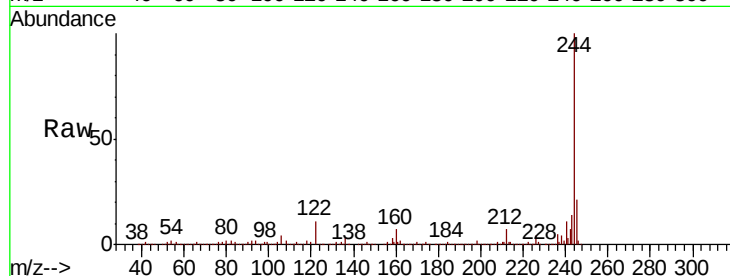
Tot Ion:244 Resp: 2434126

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

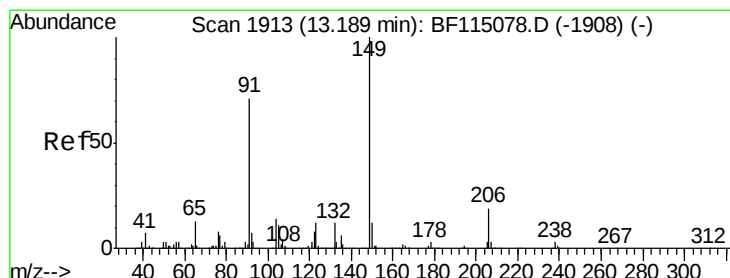
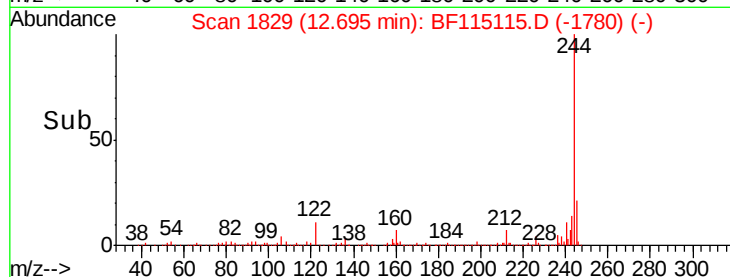
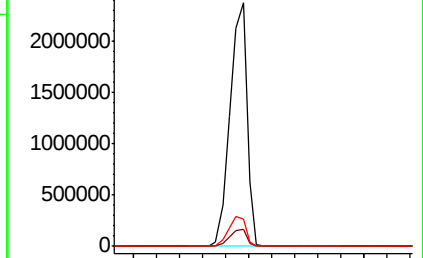
122 11.5 10.4 15.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 36.867 ng

RT: 13.17 min Scan# 1910

Delta R.T. -0.02 min

Lab File: BF115115.D

Acq: 22 Jun 2019 12:50

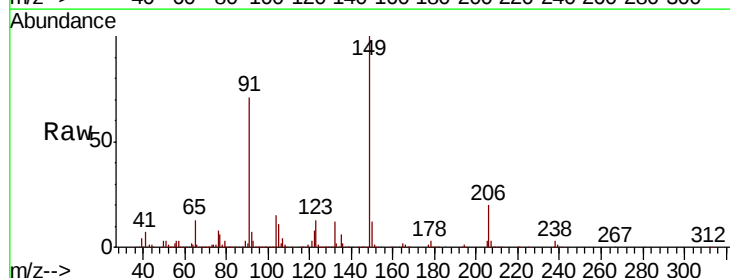
Tgt Ion:149 Resp: 769635

Ion Ratio Lower Upper

149 100

91 70.5 56.5 84.7

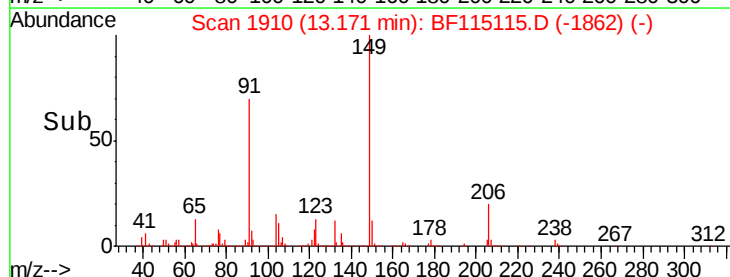
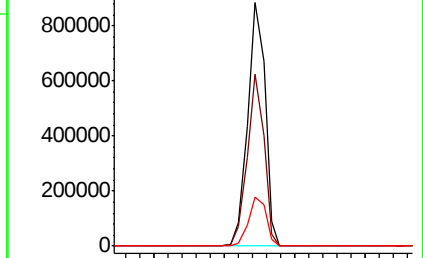
206 20.0 15.3 22.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 32.048 ng

RT: 13.72 min Scan# 2003

Delta R.T. -0.02 min

Lab File: BF115115.D

Acq: 22 Jun 2019 12:50

Instrument :

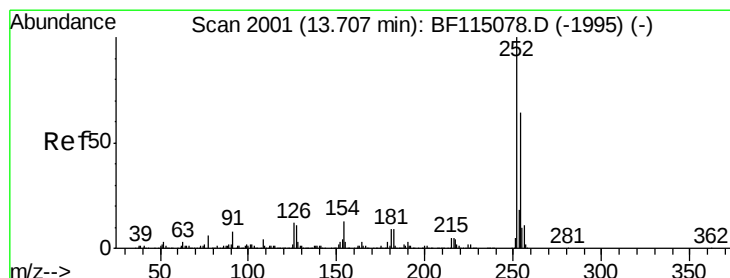
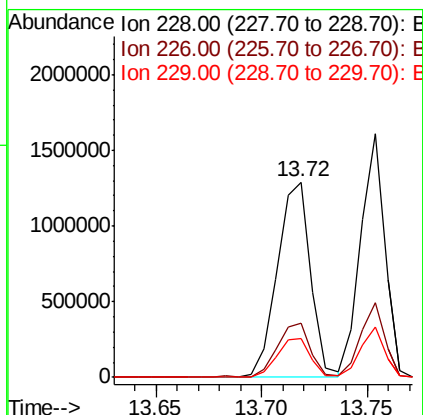
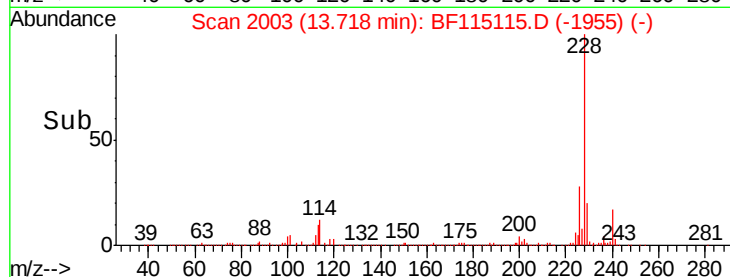
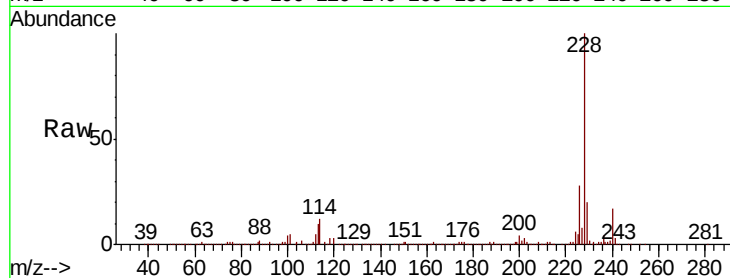
BNA_F

ClientSampleId :

FK-SF-03-008-AMSD

Tot Ion:228 Resp: 1415457

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.5	33.7
229	20.2	16.6	24.8



#82

3,3'-Dichlorobenzidine

Concen: 22.409 ng

RT: 13.68 min Scan# 1997

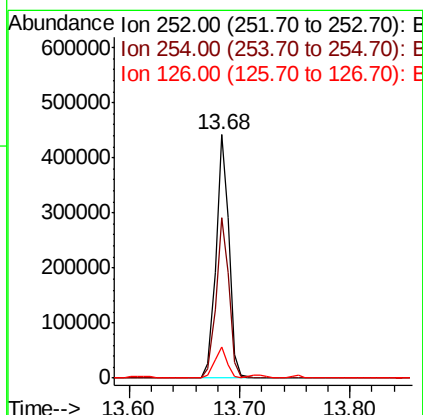
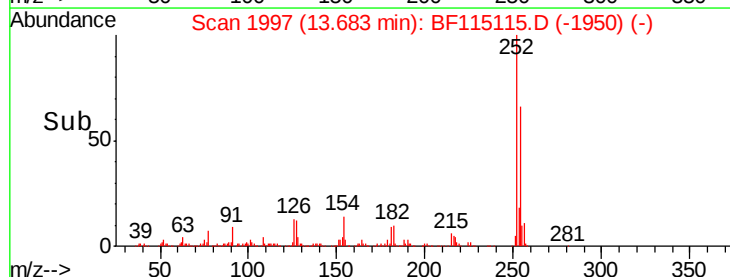
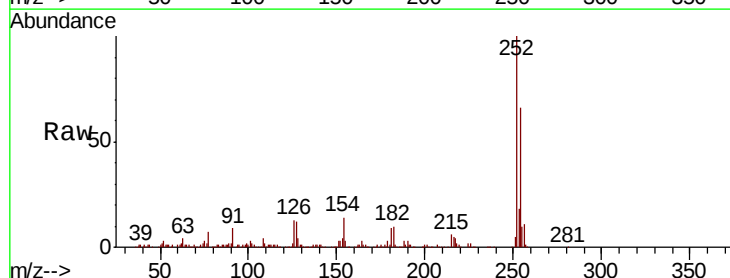
Delta R.T. -0.02 min

Lab File: BF115115.D

Acq: 22 Jun 2019 12:50

Tgt Ion:252 Resp: 357401

Ion	Ratio	Lower	Upper
252	100		
254	65.8	51.1	76.7
126	12.6	9.4	14.0





#83

Chrysene

Concen: 31.993 ng

RT: 13.75 min Scan# 2009

Delta R.T. -0.02 min

Lab File: BF115115.D

Acq: 22 Jun 2019 12:50

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-008-AMSD

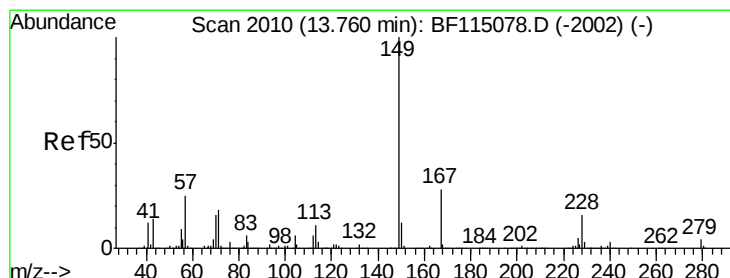
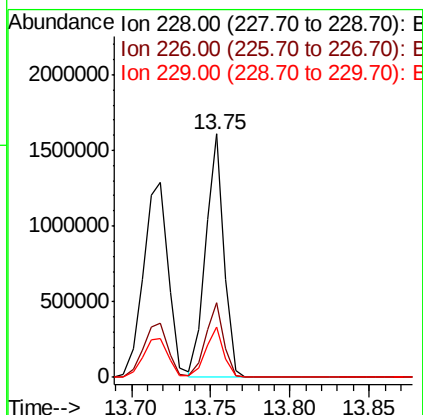
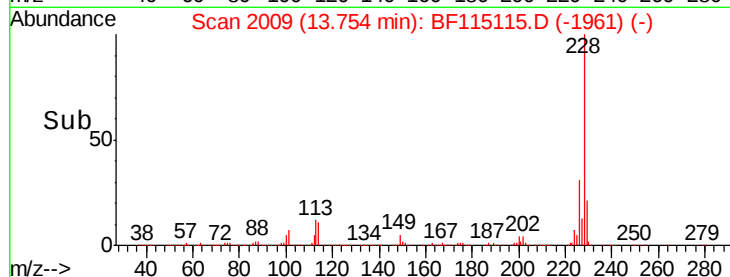
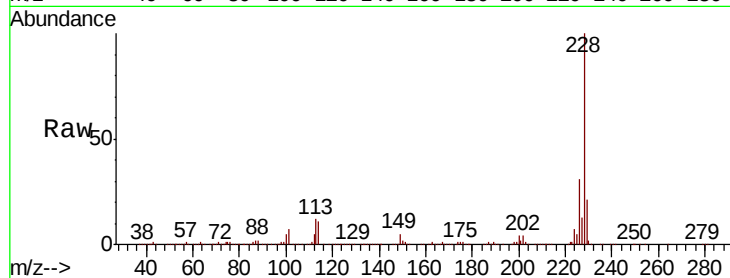
Tot Ion:228 Resp: 1294375

Ion Ratio Lower Upper

228 100

226 30.9 25.4 38.0

229 20.5 16.5 24.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 35.442 ng

RT: 13.74 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BF115115.D

Acq: 22 Jun 2019 12:50

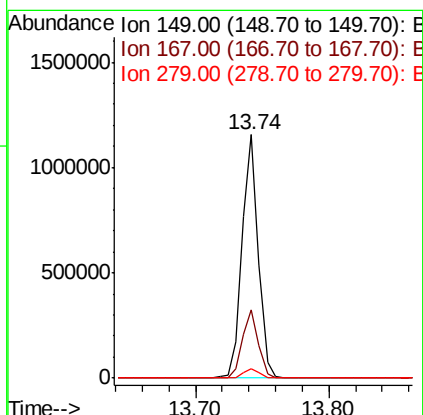
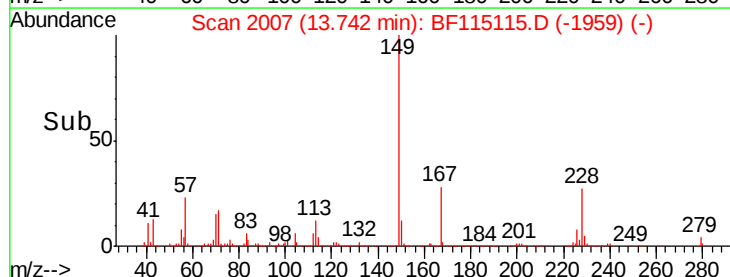
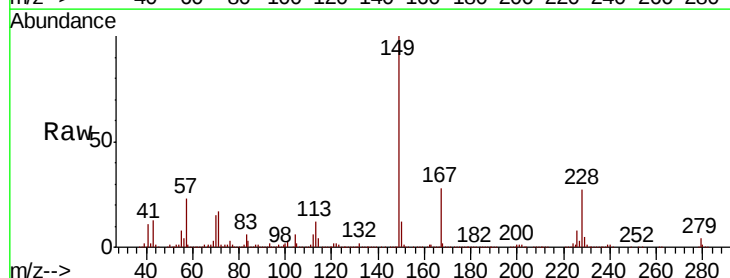
Tgt Ion:149 Resp: 969485

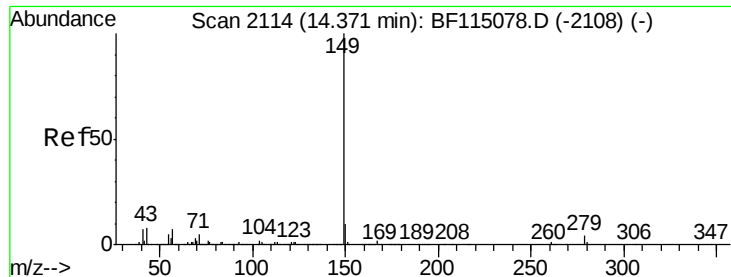
Ion Ratio Lower Upper

149 100

167 27.9 22.2 33.4

279 4.0 2.9 4.3

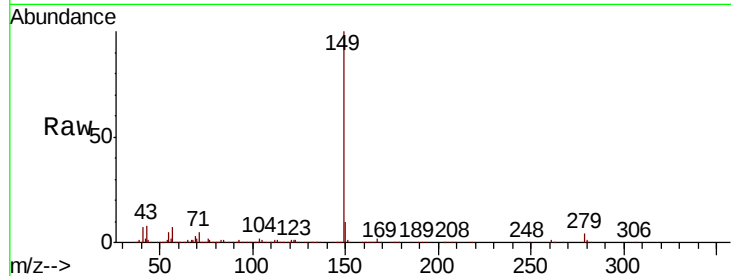




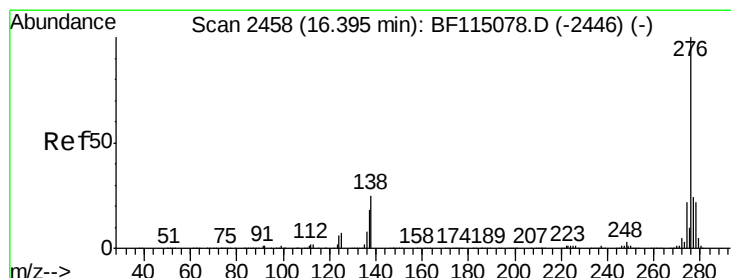
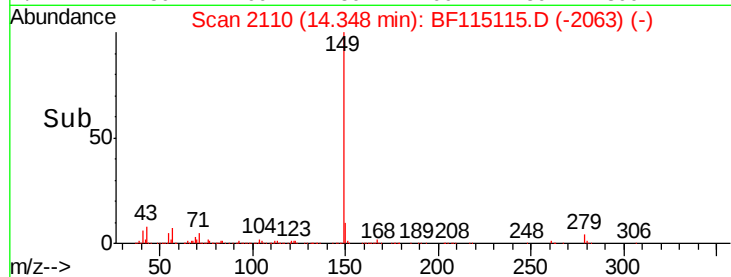
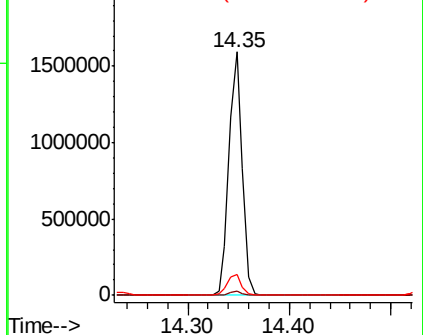
#85
Di-n-octyl phthalate
Concen: 31.471 ng
RT: 14.35 min Scan# 2110
Delta R.T. -0.02 min
Lab File: BF115115.D
Acq: 22 Jun 2019 12:50

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-008-AMSD

Tot Ion:149 Resp: 1446361
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 8.6 7.0 10.6

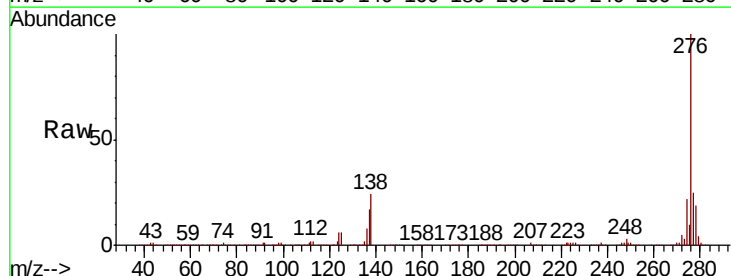


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

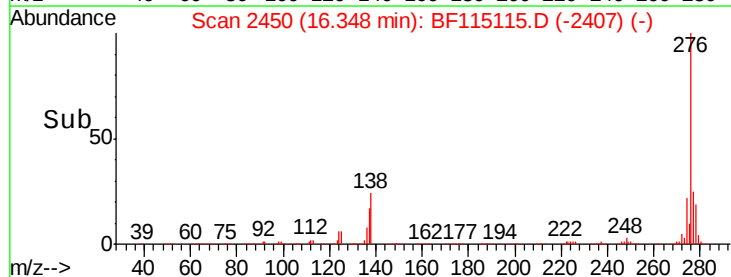
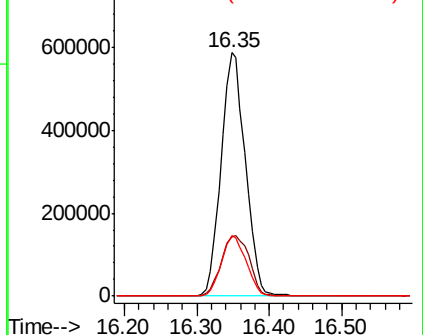


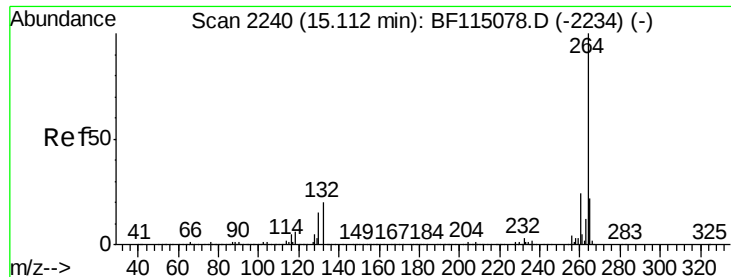
#86
Indeno(1,2,3-cd)pyrene
Concen: 28.546 ng
RT: 16.35 min Scan# 2450
Delta R.T. -0.05 min
Lab File: BF115115.D
Acq: 22 Jun 2019 12:50

Tgt Ion:276 Resp: 1366587
Ion Ratio Lower Upper
276 100
138 28.6 23.2 34.8
277 25.4 20.1 30.1



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: 15.08 min Scan# 2235

Delta R.T. -0.03 min

Lab File: BF115115.D

Acq: 22 Jun 2019 12:50

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-008-AMSD

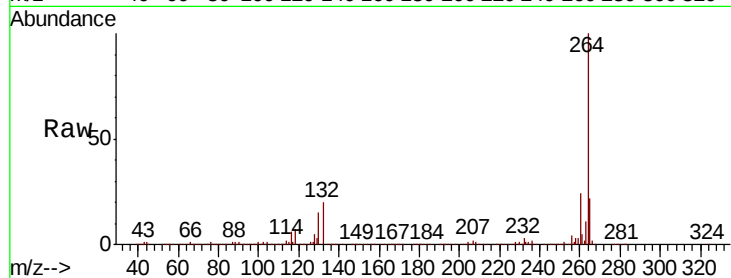
Tot Ion:264 Resp: 593740

Ion Ratio Lower Upper

264 100

260 23.6 19.6 29.4

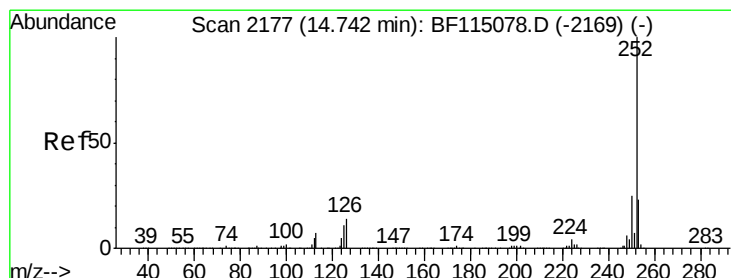
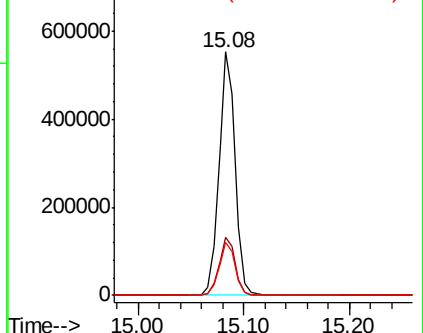
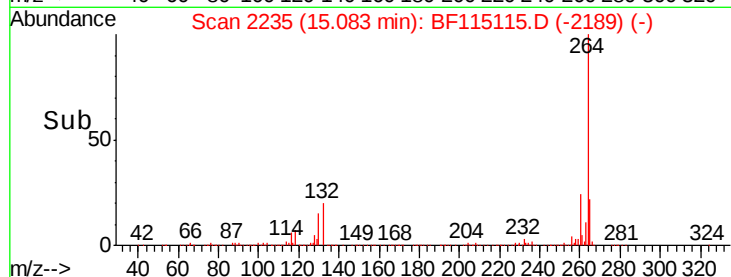
265 21.9 17.3 25.9



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: 32.250 ng

RT: 14.71 min Scan# 2172

Delta R.T. -0.03 min

Lab File: BF115115.D

Acq: 22 Jun 2019 12:50

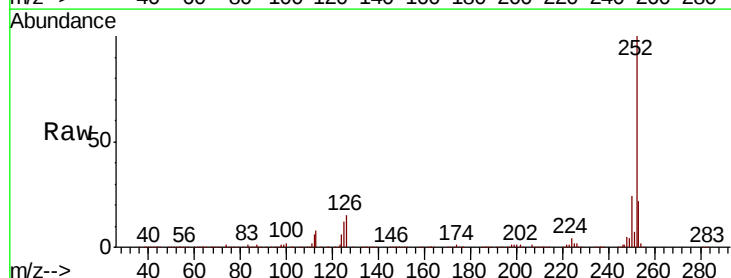
Tgt Ion:252 Resp: 1194800

Ion Ratio Lower Upper

252 100

253 22.2 18.1 27.1

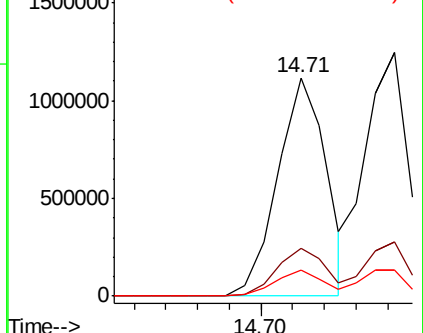
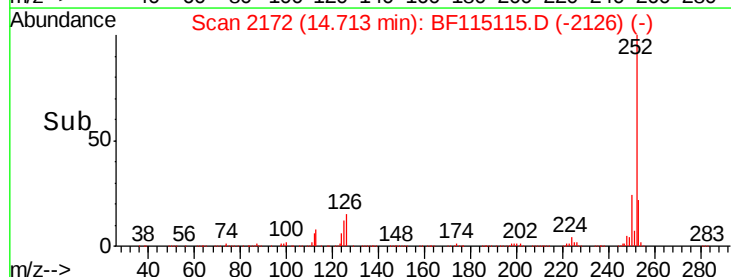
125 11.9 8.7 13.1

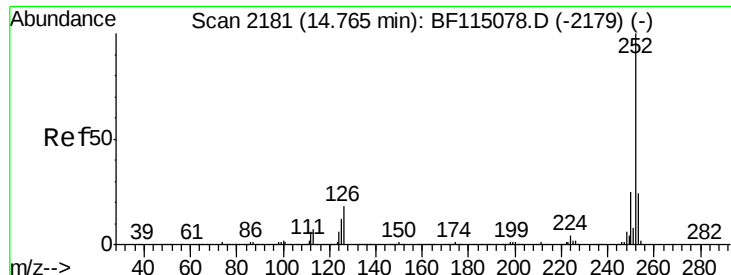


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

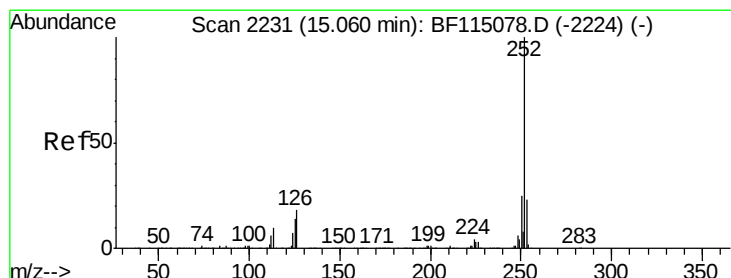
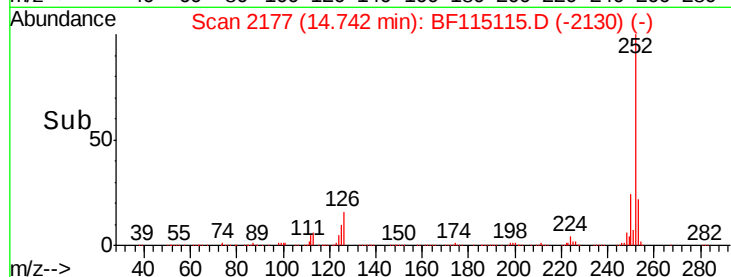
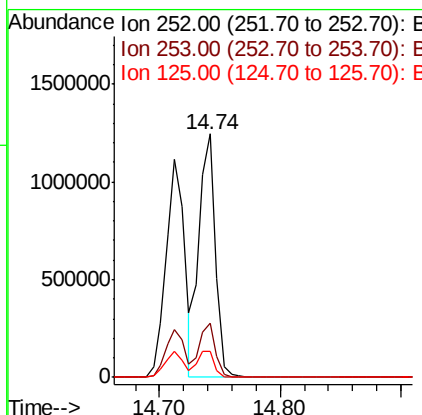
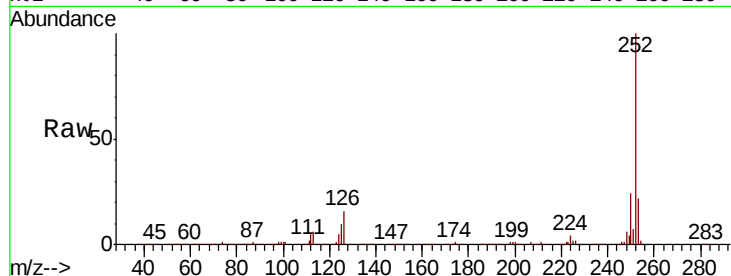




#89
Benzo(k)fluoranthene
Concen: 35.659 ng
RT: 14.74 min Scan# 2177
Delta R.T. -0.02 min
Lab File: BF115115.D
Acq: 22 Jun 2019 12:50

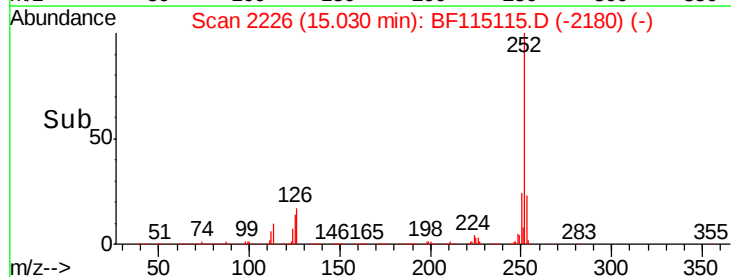
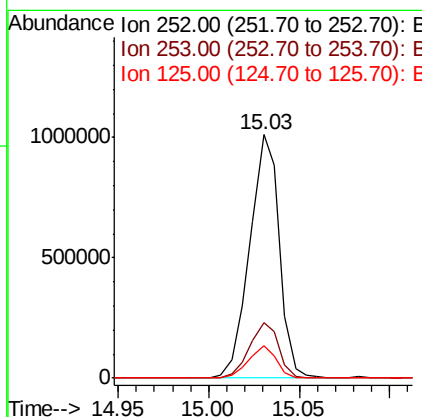
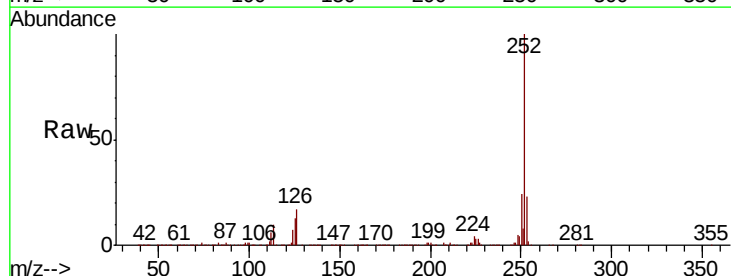
Instrument :
BNA_F
ClientSampleId :
FK-SF-03-008-AMSD

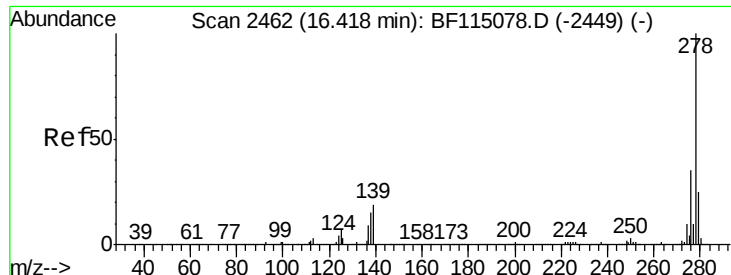
Tot Ion:252 Resp: 1184722
Ion Ratio Lower Upper
252 100
253 22.2 18.9 28.3
125 10.5 10.2 15.2



#90
Benzo(a)pyrene
Concen: 34.497 ng
RT: 15.03 min Scan# 2226
Delta R.T. -0.03 min
Lab File: BF115115.D
Acq: 22 Jun 2019 12:50

Tgt Ion:252 Resp: 1151900
Ion Ratio Lower Upper
252 100
253 22.6 18.3 27.5
125 13.5 10.9 16.3

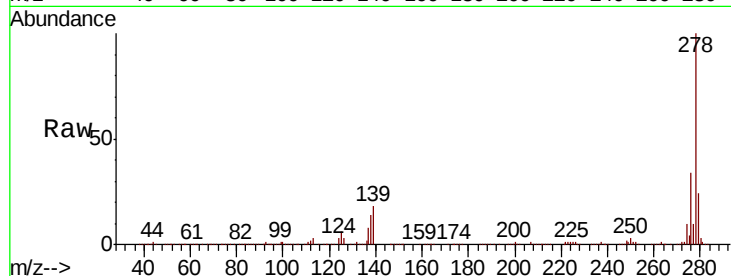




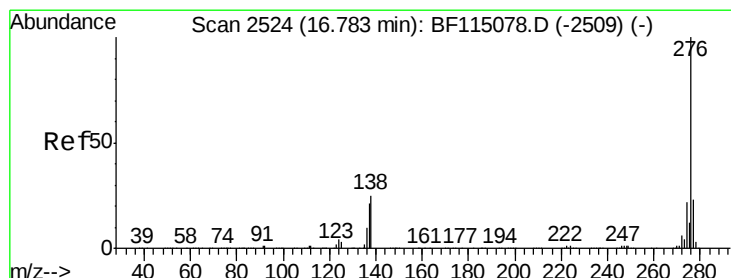
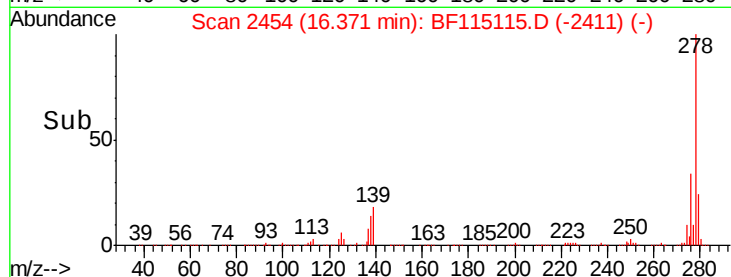
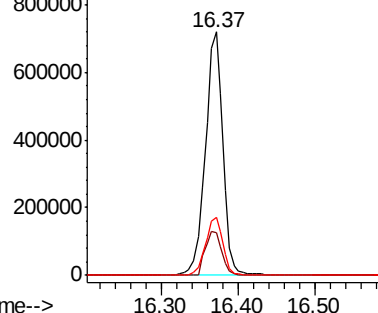
#91
Dibenzo(a,h)anthracene
Concen: 36.812 ng
RT: 16.37 min Scan# 2454
Delta R.T. -0.05 min
Lab File: BF115115.D
Acq: 22 Jun 2019 12:50

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-008-AMSD

Tot Ion:278 Resp: 1147550
Ion Ratio Lower Upper
278 100
139 17.7 15.4 23.2
279 24.0 19.9 29.9

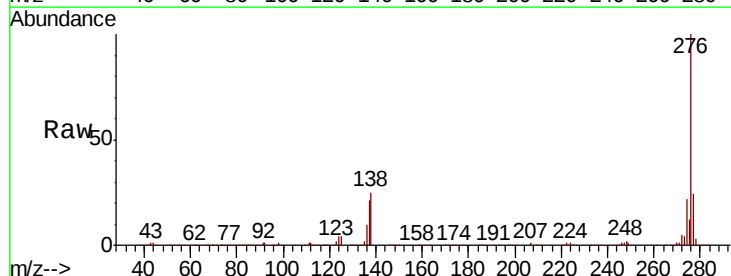


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 36.382 ng
RT: 16.73 min Scan# 2515
Delta R.T. -0.05 min
Lab File: BF115115.D
Acq: 22 Jun 2019 12:50

Tgt Ion:276 Resp: 1147884
Ion Ratio Lower Upper
276 100
277 23.8 18.6 28.0
138 24.8 19.8 29.6



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

