

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 05:05:42 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	7.68	122	9218m	0.837	ng	
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	142997m	26.709	ng	
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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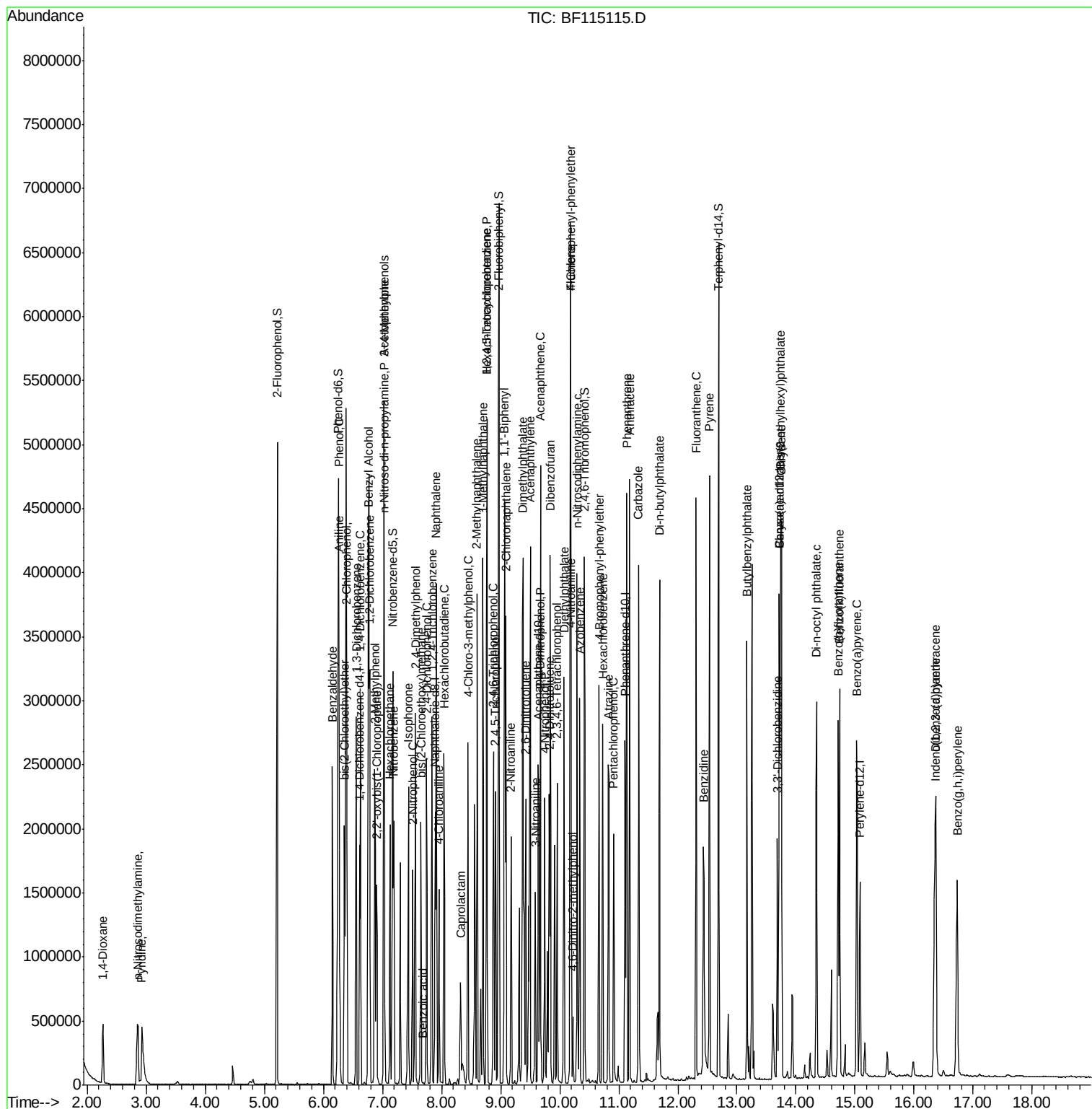
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	555368	63.258	ng	99
43) 2,4,6-Trichlorophenol	8.88	196	360653	31.551	ng	99
44) 2,4,5-Trichlorophenol	8.92	196	379428	32.233	ng	97
46) 1,1'-Biphenyl	9.07	154	1399827	33.390	ng	99
47) 2-Chloronaphthalene	9.09	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

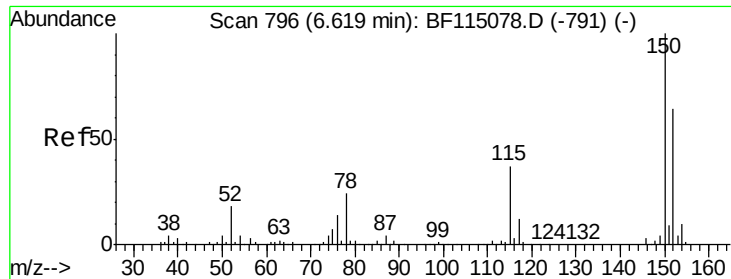
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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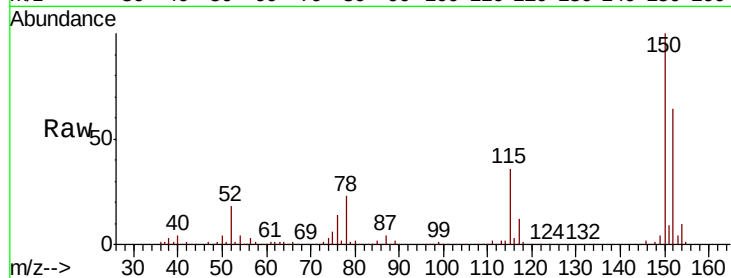


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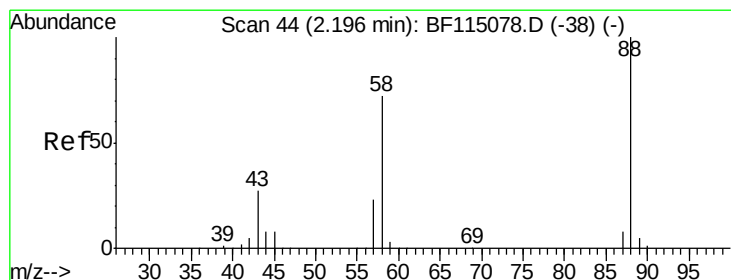
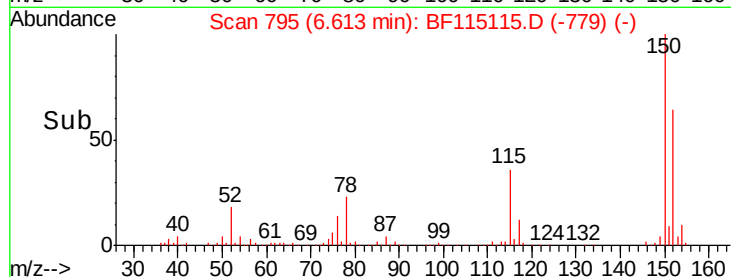
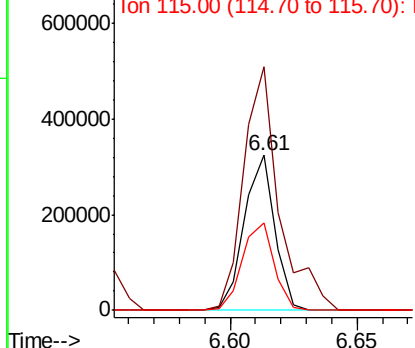
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115115.D
Acq: 22 Jun 2019 12:50

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



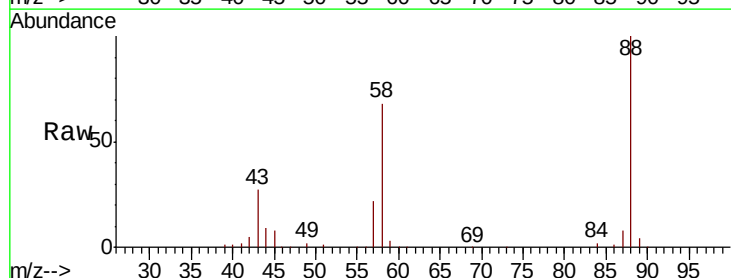
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



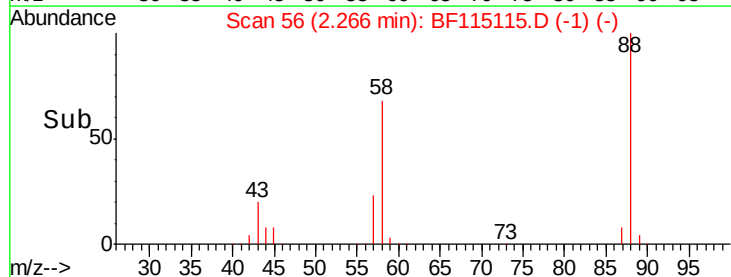
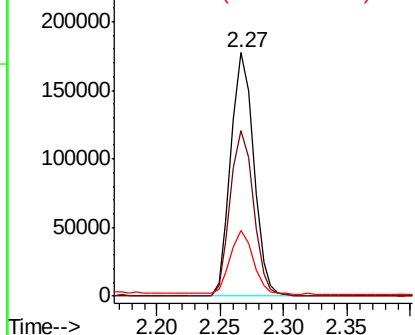
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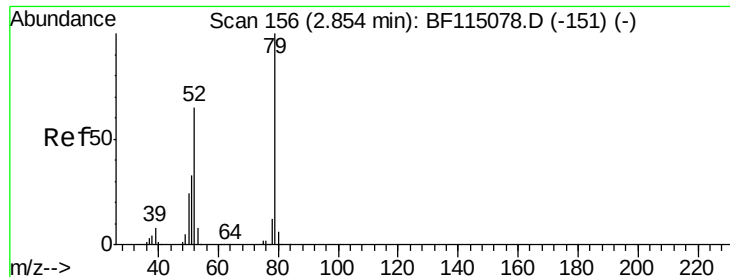
1,4-Dioxane
Concen: 26.818 ng
RT: 2.27 min Scan# 56
Delta R.T. 0.07 min
Lab File: BF115115.D
Acq: 22 Jun 2019 12:50

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

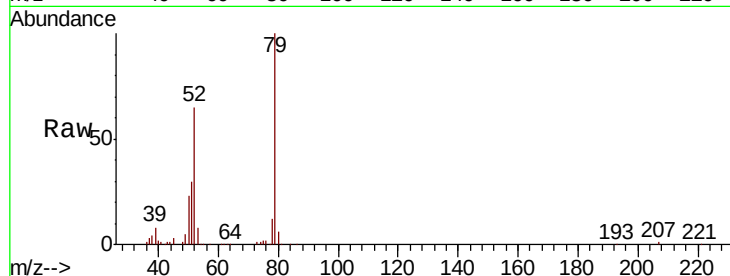




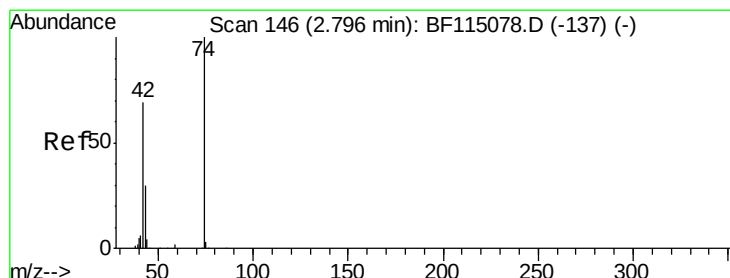
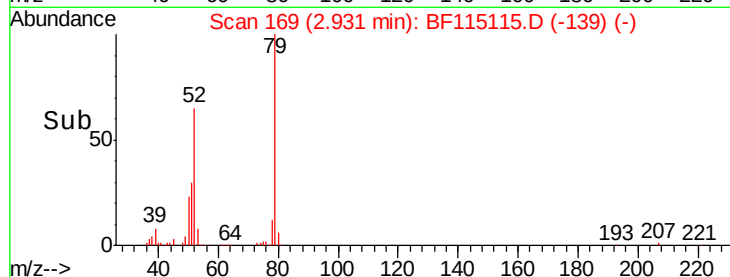
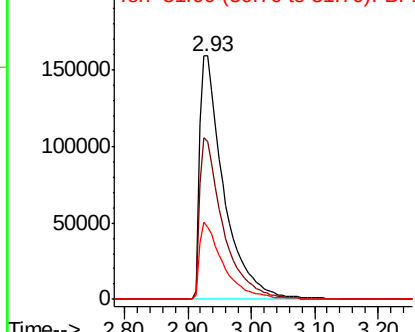
#3
 Pvridine
 Concen: 17.774 ng
 RT: 2.93 min Scan# 169
 Delta R.T. 0.08 min
 Lab File: BF115115.D
 Acq: 22 Jun 2019 12:50

Instrument :
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 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

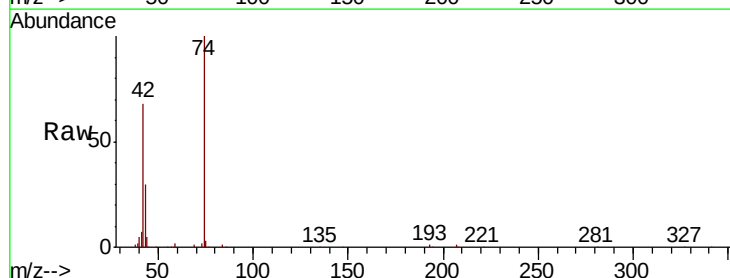


Abundance Ion 79.00 (78.70 to 79.70): BF1
 Ion 52.00 (51.70 to 52.70): BF1
 Ion 51.00 (50.70 to 51.70): BF1

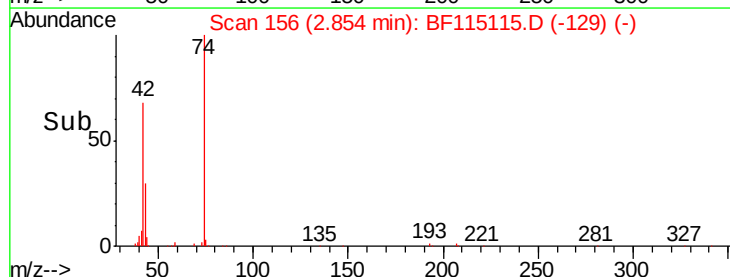
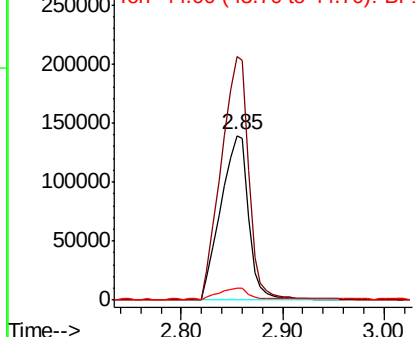


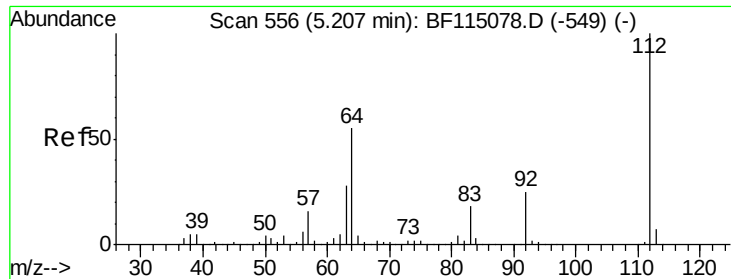
#4
 n-Nitrosodimethylamine
 Concen: 28.994 ng
 RT: 2.85 min Scan# 156
 Delta R.T. 0.06 min
 Lab File: BF115115.D
 Acq: 22 Jun 2019 12:50

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 :

BNA_F

ClientSampleId :

FK-SF-03-008-AMSD

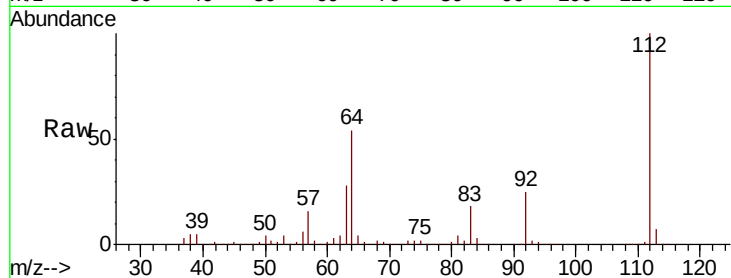
Tot Ion:112 Resp: 1634310

Ion Ratio Lower Upper

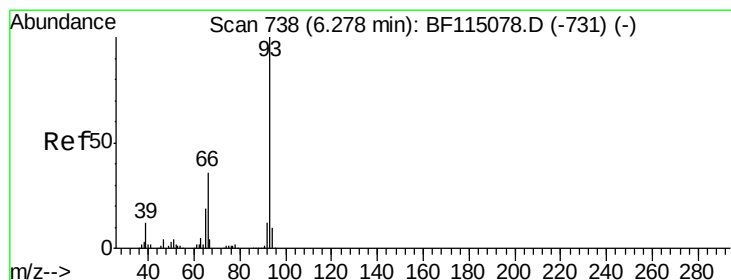
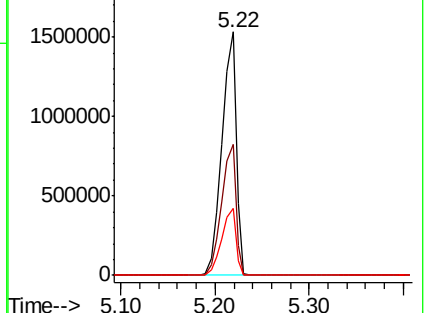
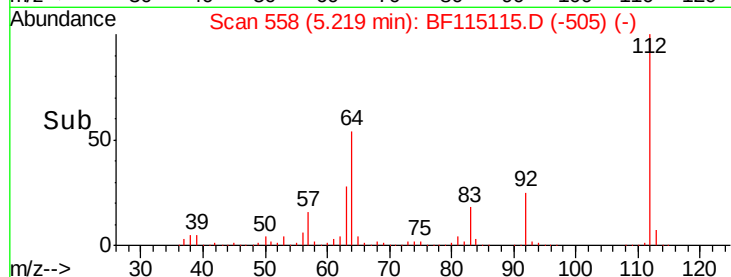
112 100

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

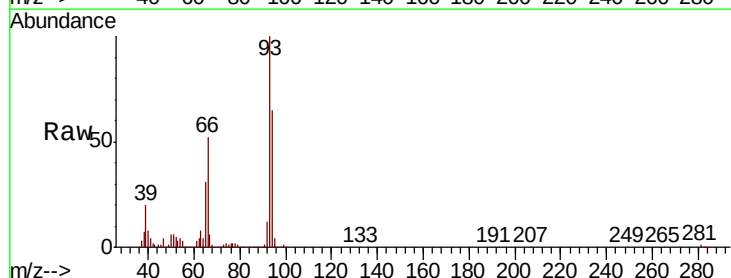
Tgt Ion: 93 Resp: 556836

Ion Ratio Lower Upper

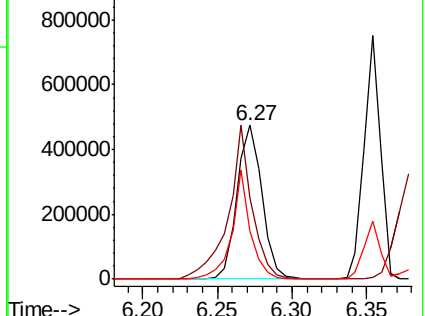
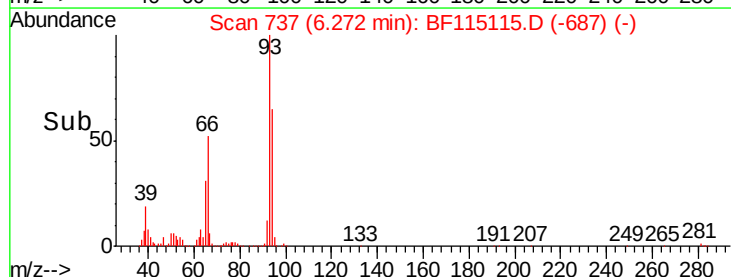
93 100

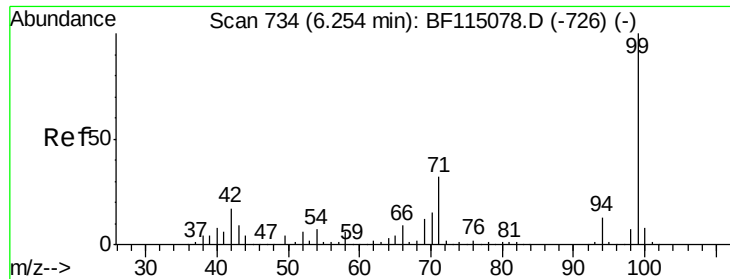
66 52.3 30.0 45.0#

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

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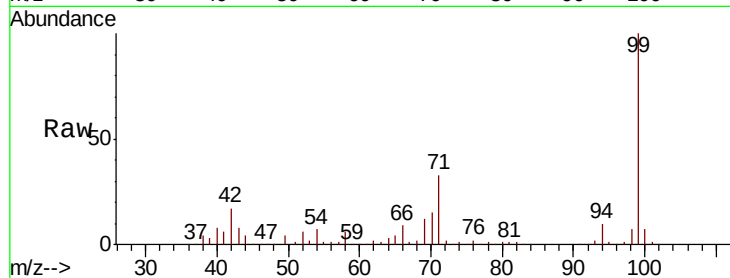
Tot Ion: 99 Resp: 2107674

Ion Ratio Lower Upper

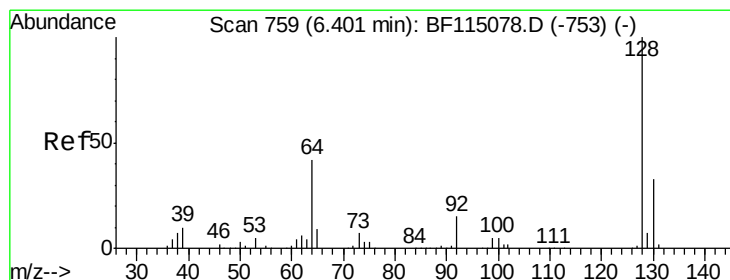
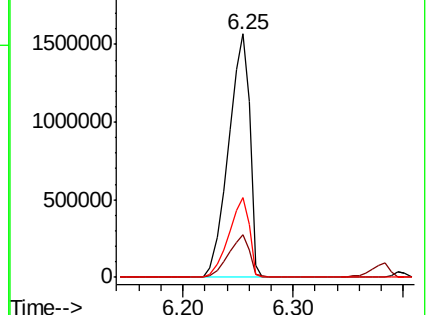
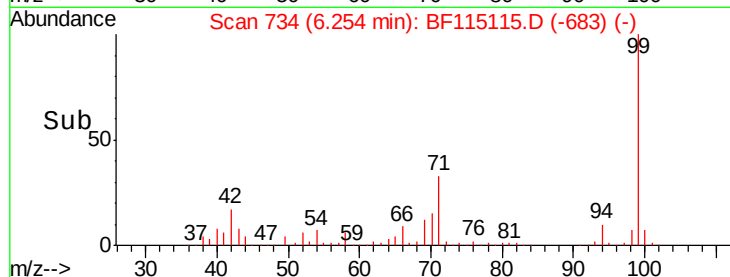
99 100

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

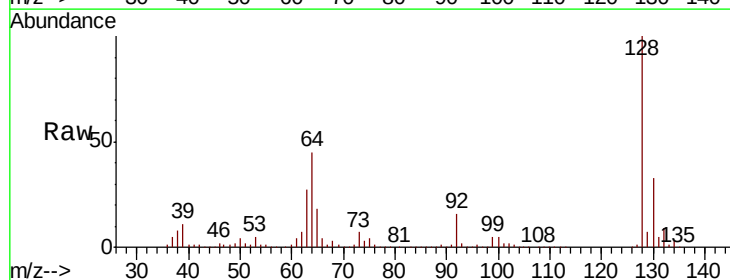
Tgt Ion: 128 Resp: 621846

Ion Ratio Lower Upper

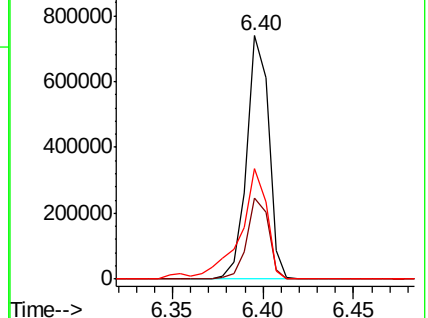
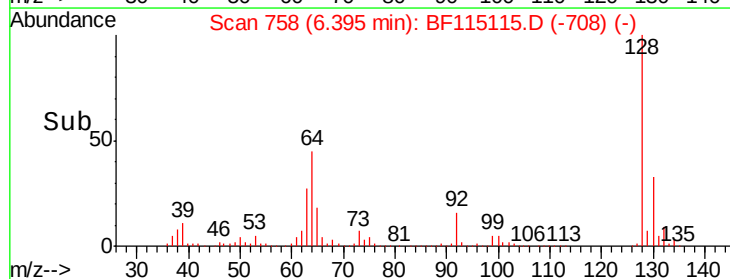
128 100

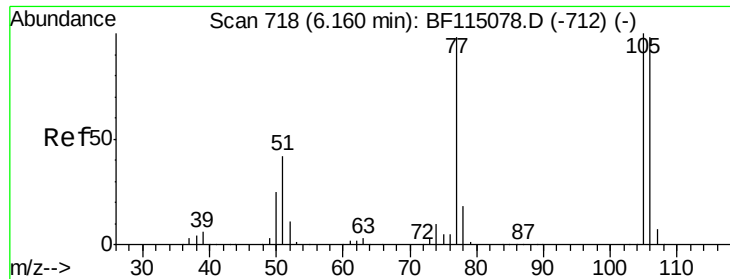
130 33.2 12.9 52.9

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

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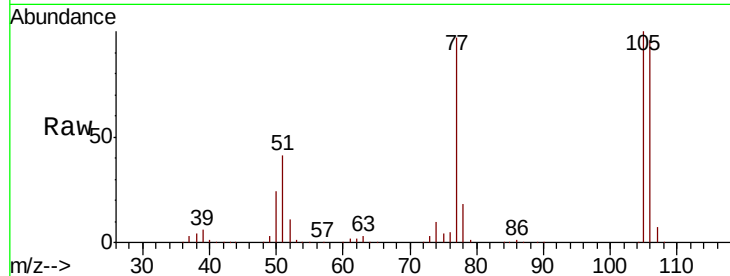
Tot Ion: 77 Resp: 455570

Ion Ratio Lower Upper

77 100

105 103.6 81.5 121.5

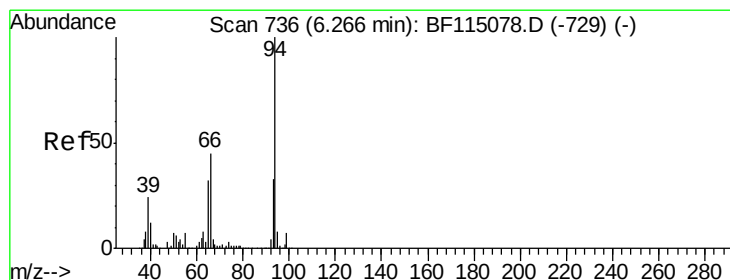
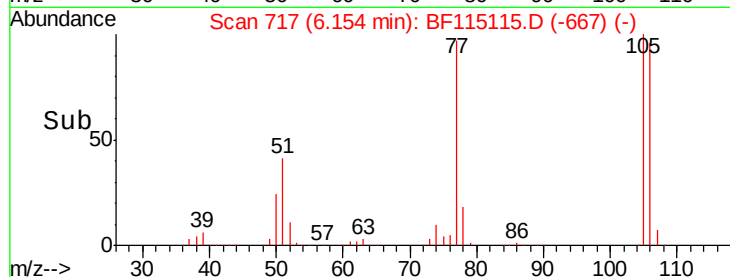
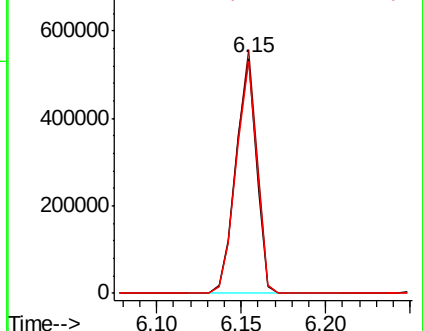
106 99.0 79.7 119.7



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

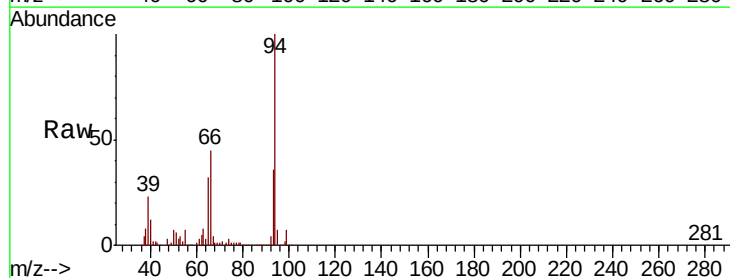
Tgt Ion: 94 Resp: 740582

Ion Ratio Lower Upper

94 100

65 32.2 11.9 51.9

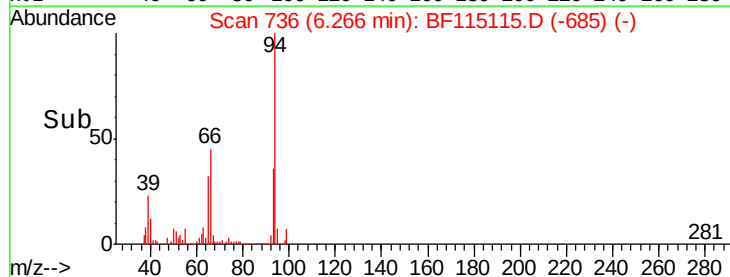
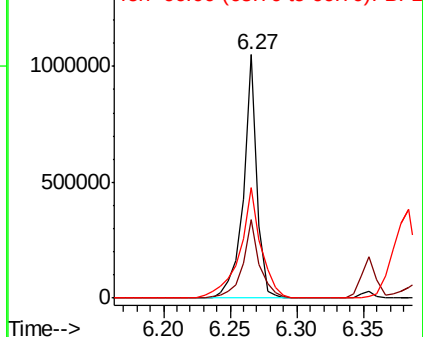
66 45.2 25.2 65.2

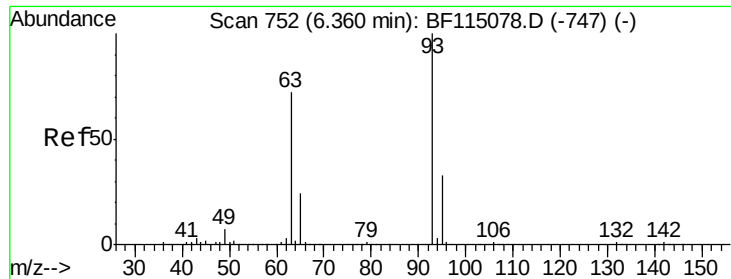


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

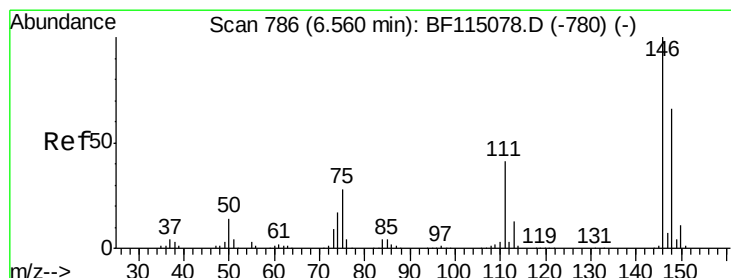
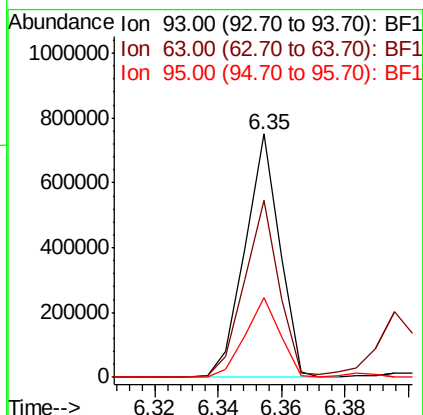
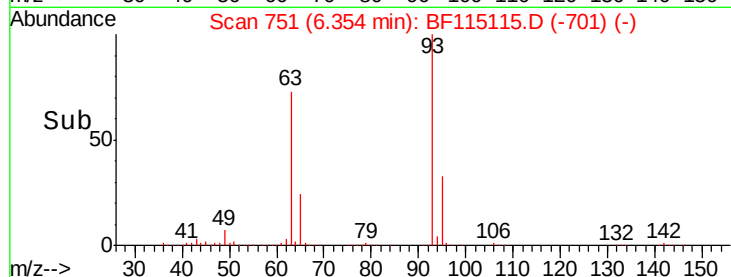
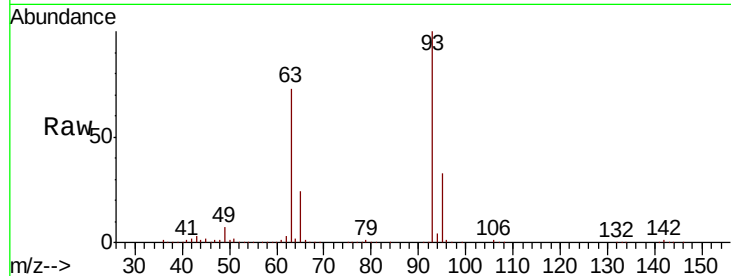




#11
bis(2-Chloroethyl)ether
Concen: 30.639 ng
RT: 6.35 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF115115.D
Acq: 22 Jun 2019 12:50

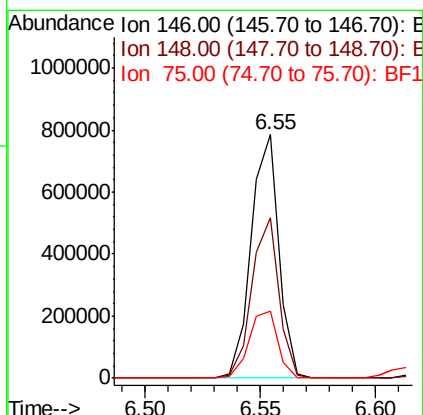
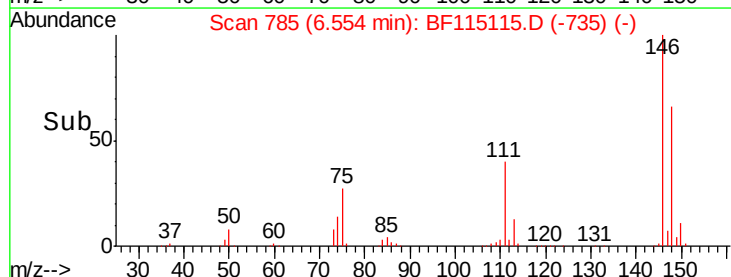
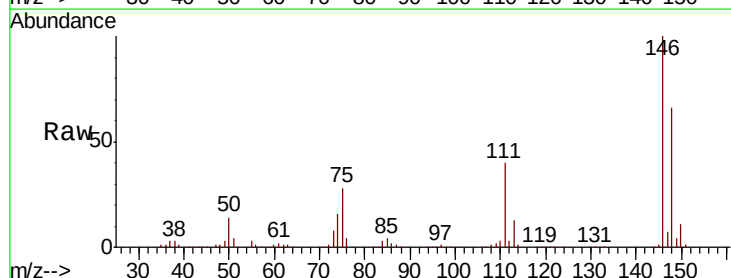
Instrument :
BNA_F
ClientSampleId :
FK-SF-03-008-AMSD

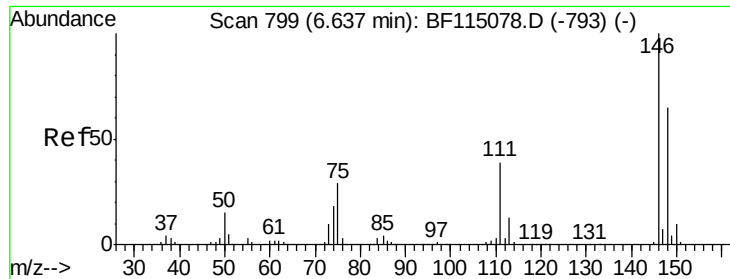
Tot Ion: 93 Resp: 567252
Ion Ratio Lower Upper
93 100
63 72.6 51.5 91.5
95 32.9 13.4 53.4



#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

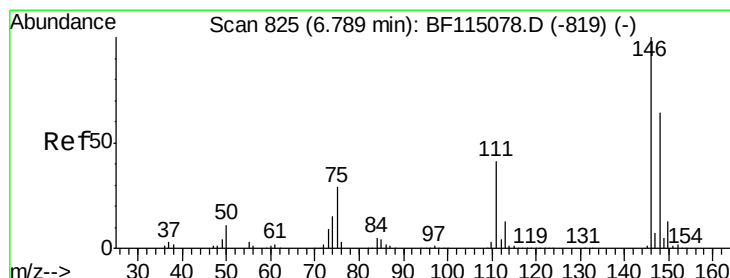
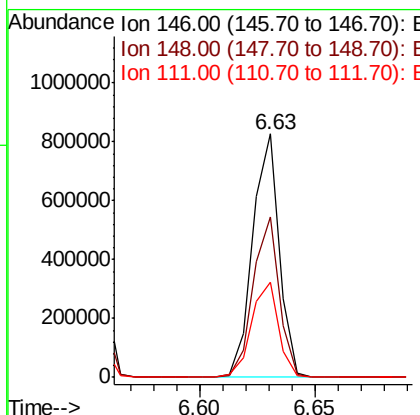
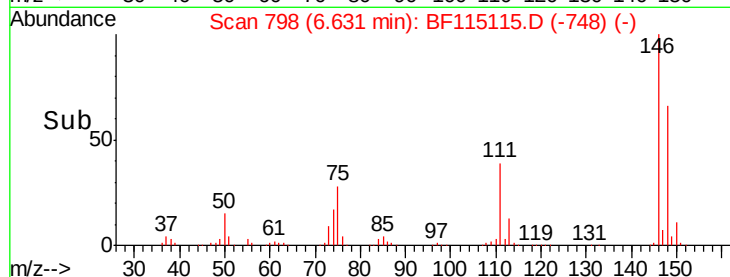
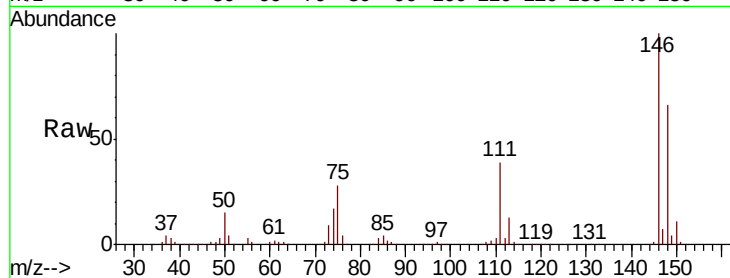




#13
 1,4-Dichlorobenzene
 Concen: 30.121 ng
 RT: 6.63 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF115115.D
 Acq: 22 Jun 2019 12:50

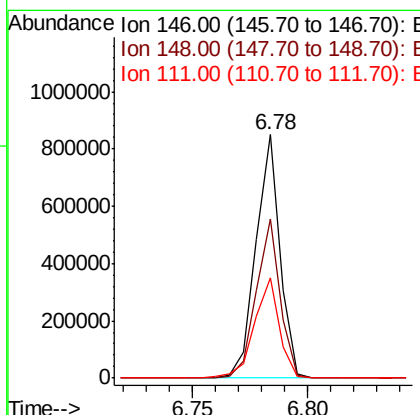
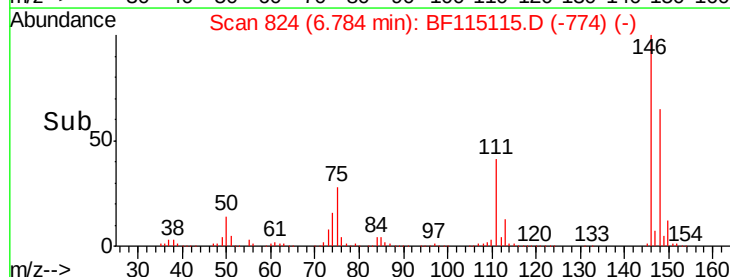
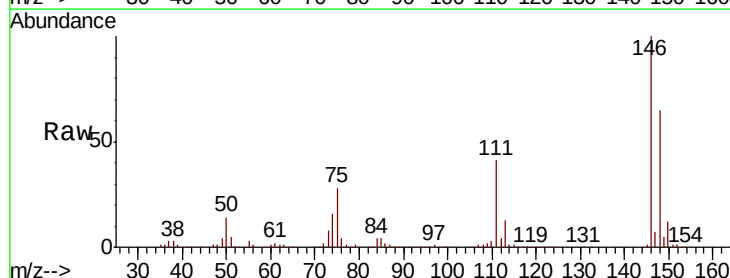
Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-008-AMSD

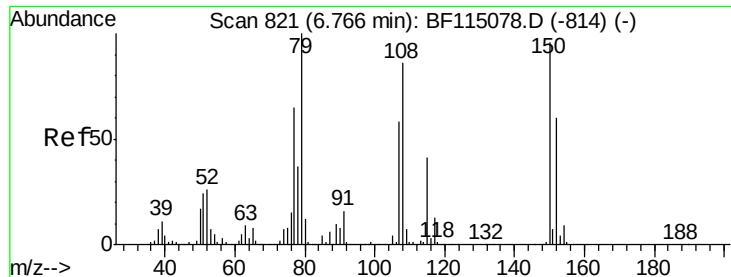
Tot Ion:146 Resp: 665882
 Ion Ratio Lower Upper
 146 100
 148 66.1 51.9 77.9
 111 39.3 31.4 47.0



#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

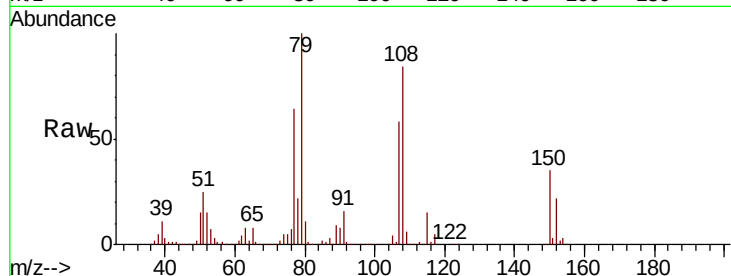
Tot Ion: 79 Resp: 500996

Ion Ratio Lower Upper

79 100

108 83.7 68.7 103.1

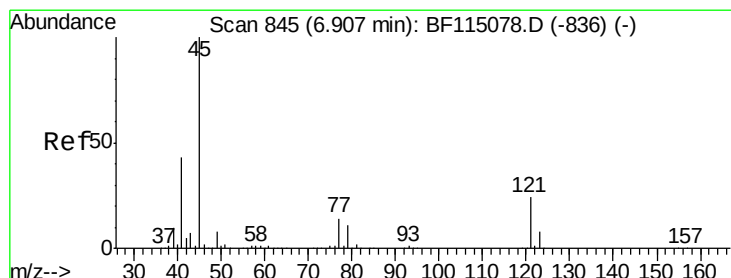
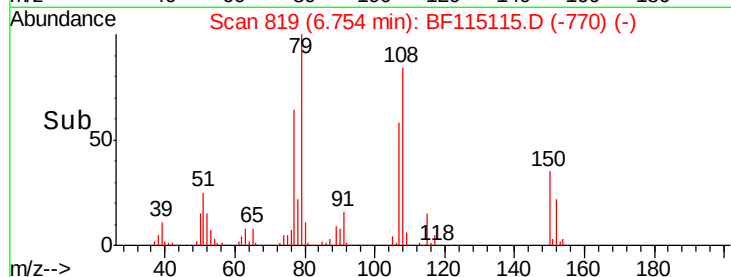
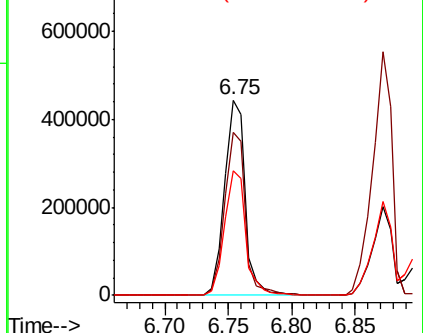
77 63.9 51.7 77.5



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 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

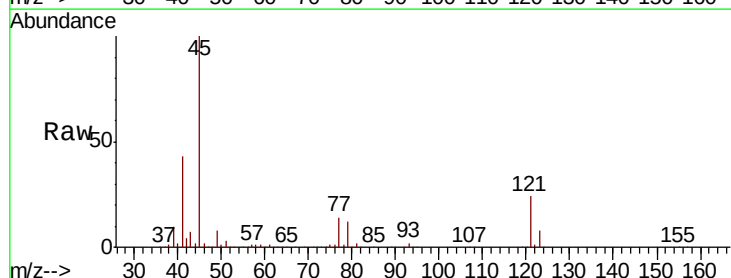
Tgt Ion: 45 Resp: 795824

Ion Ratio Lower Upper

45 100

77 14.5 0.0 34.6

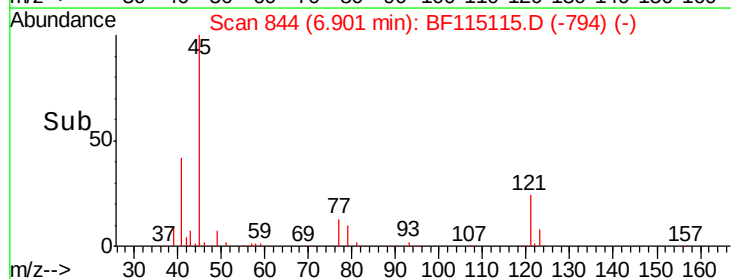
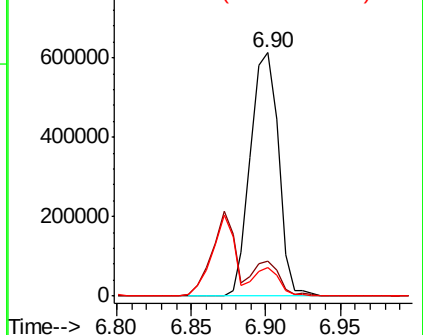
79 11.6 0.0 31.2

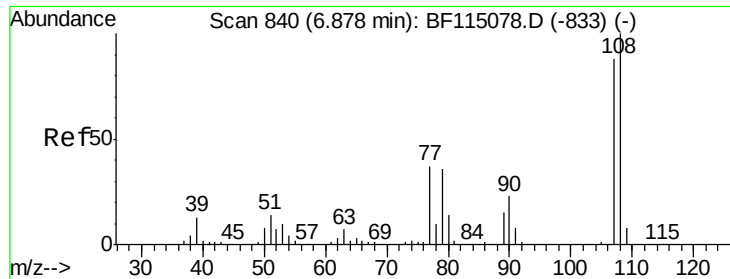


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 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

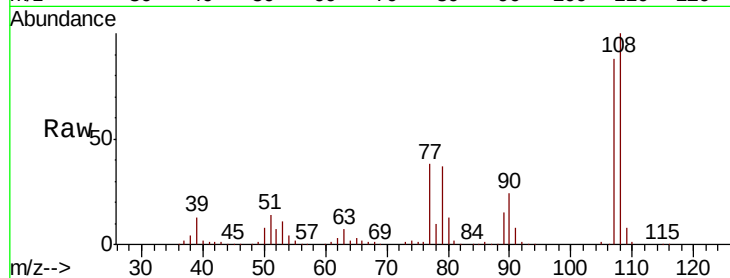
Ion Ratio Lower Upper

107 100

108 113.1 90.9 136.3

77 43.6 33.4 50.2

79 41.4 32.3 48.5

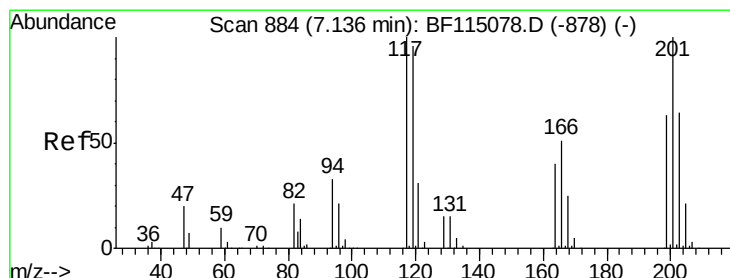
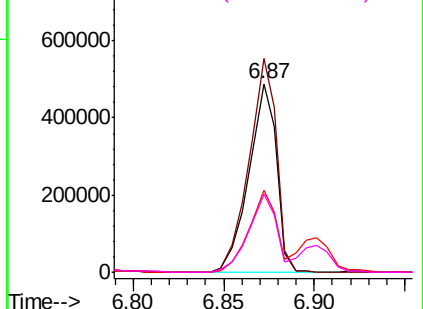
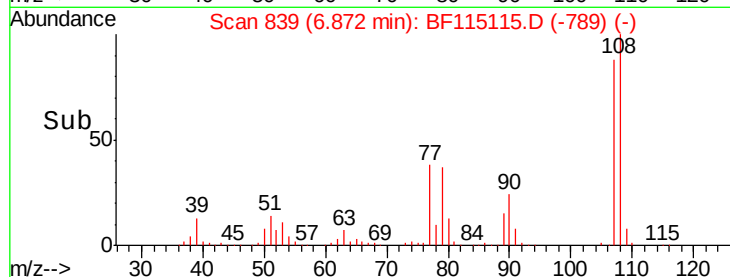


Abundance Ion 107.00 (106.70 to 107.70): E

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

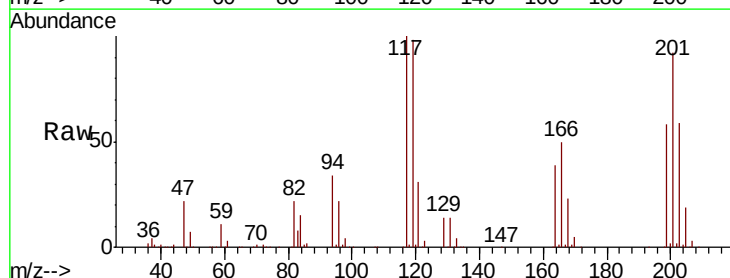
Tgt Ion:117 Resp: 236093

Ion Ratio Lower Upper

117 100

119 97.9 76.6 114.8

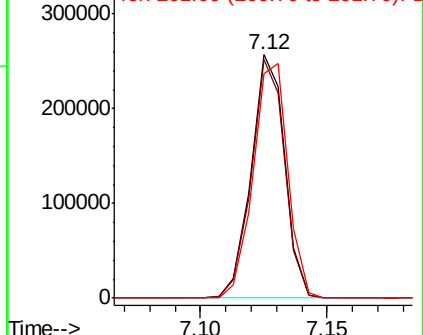
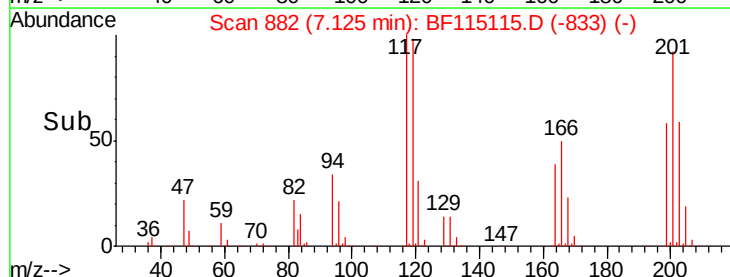
201 92.3 80.2 120.2

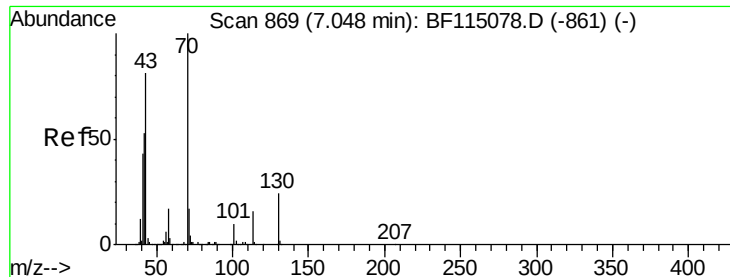


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

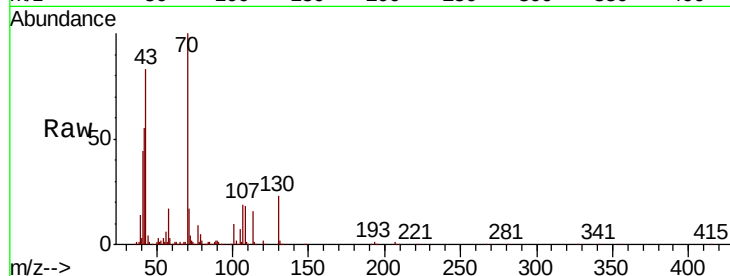




#19
n-Nitroso-di-n-propylamine
Concen: 29.443 ng
RT: 7.04 min Scan# 867
Delta R.T. -0.01 min
Lab File: BF115115.D
Acq: 22 Jun 2019 12:50

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

Tot Ion	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



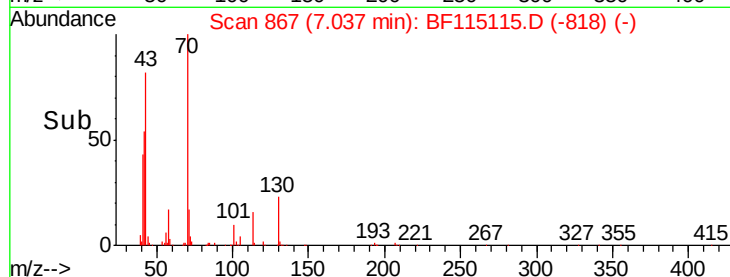
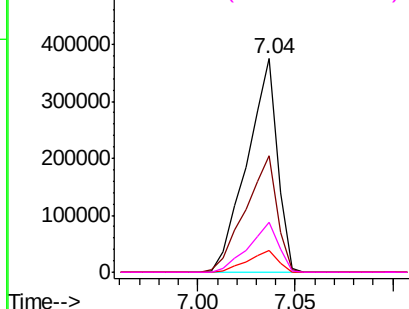
Abundance

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	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

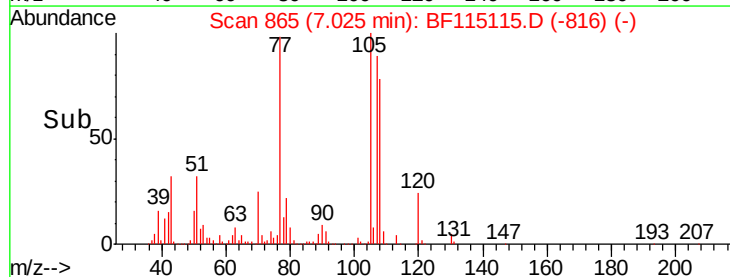
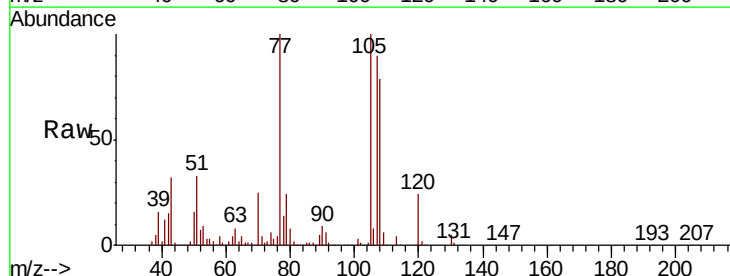
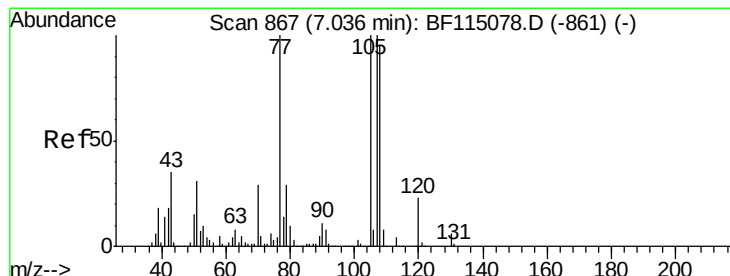
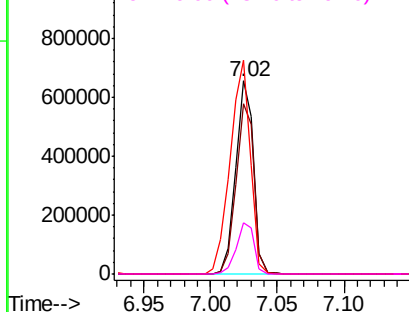
Abundance

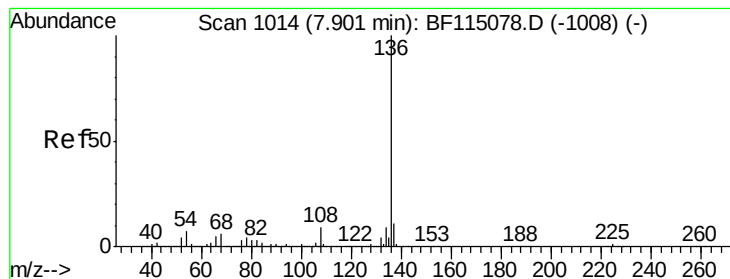
Ion 107.00 (106.70 to 107.70): BF1

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

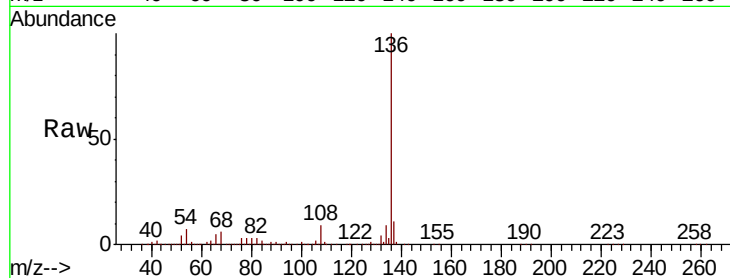
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 7.4 5.6 8.4

68 6.3 4.8 7.2

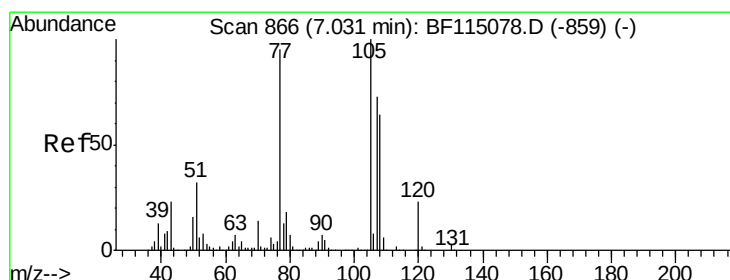
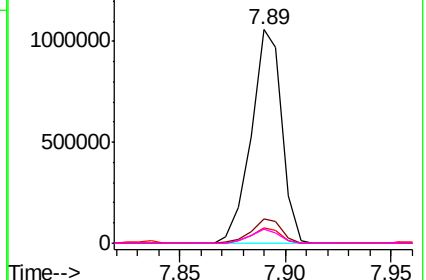
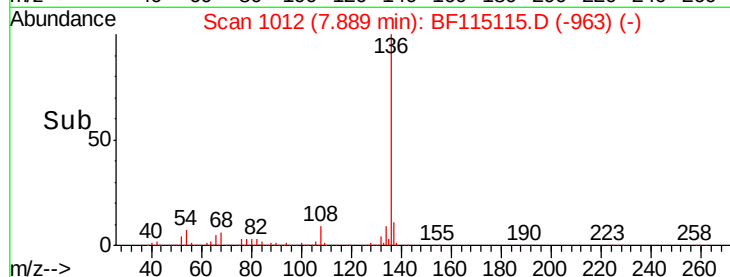


Abundance Ion 136.00 (135.70 to 136.70): E

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

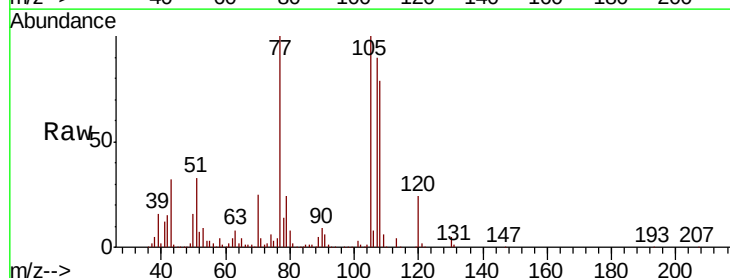
Ion Ratio Lower Upper

105 100

71 4.2 1.9 2.9#

51 33.0 25.8 38.8

120 23.7 18.5 27.7

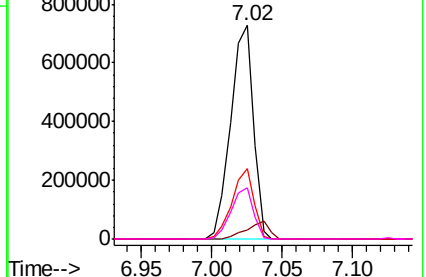
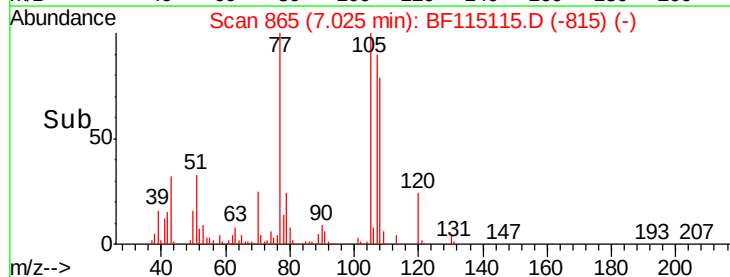


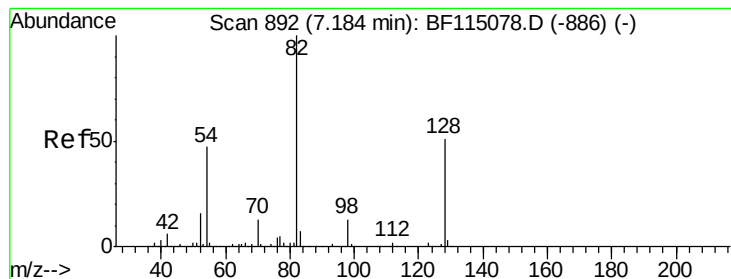
Abundance Ion 105.00 (104.70 to 105.70): E

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

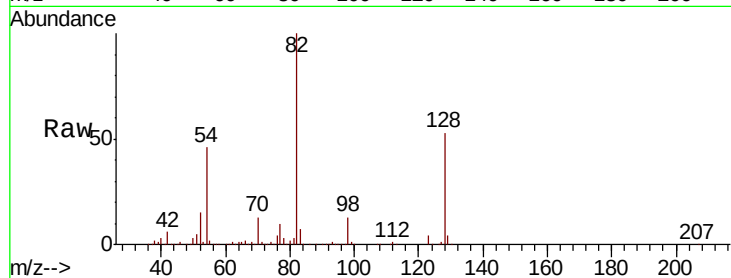
Tot Ion: 82 Resp: 1274060

Ion Ratio Lower Upper

82 100

128 53.0 40.4 60.6

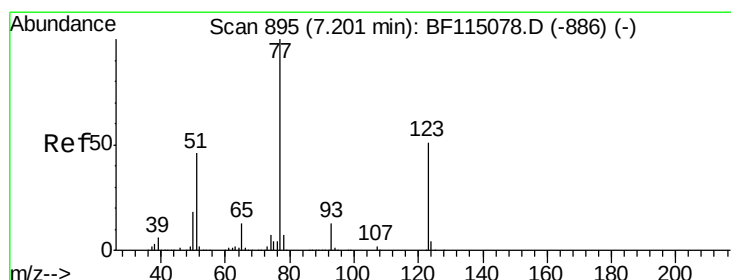
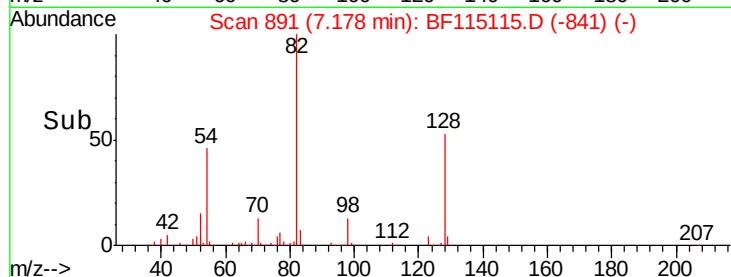
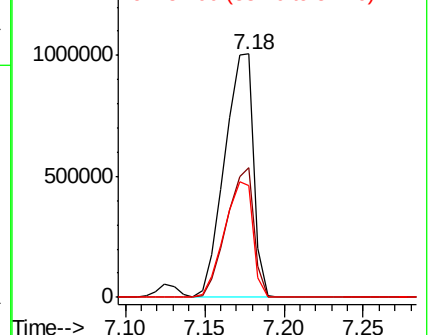
54 46.1 37.5 56.3



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

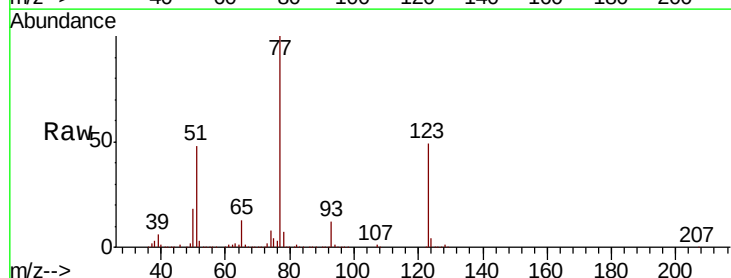
Tgt Ion: 77 Resp: 628776

Ion Ratio Lower Upper

77 100

123 48.7 41.0 61.6

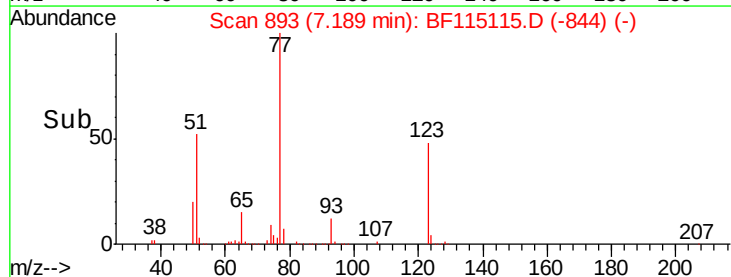
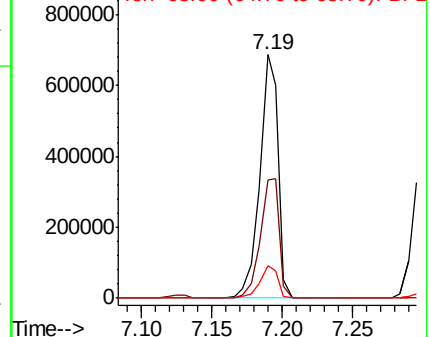
65 13.3 10.5 15.7

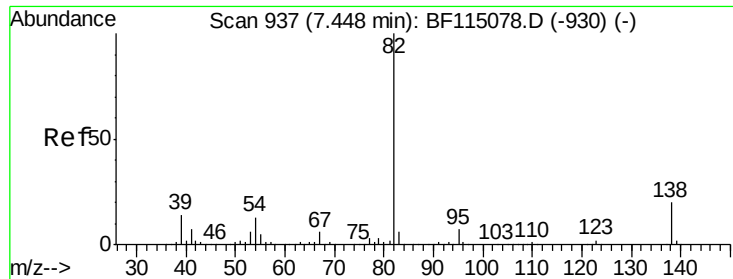


Abundance Ion 77.00 (76.70 to 77.70): BF1

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

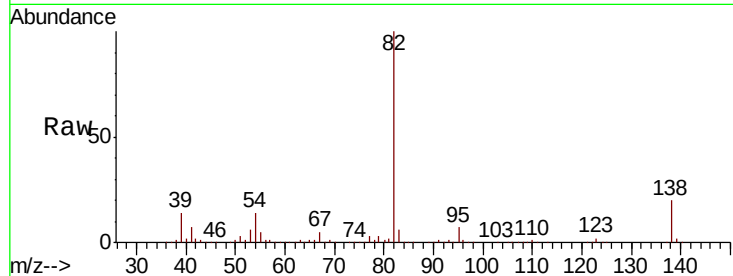
Tot Ion: 82 Resp: 1127326

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.2

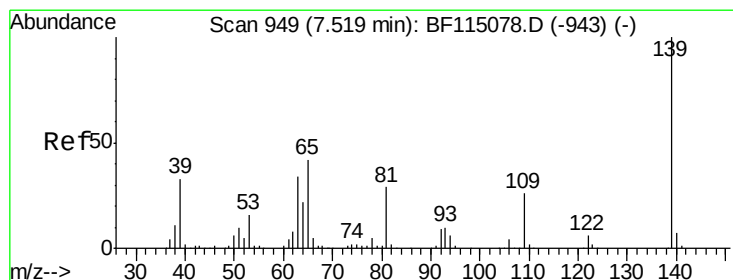
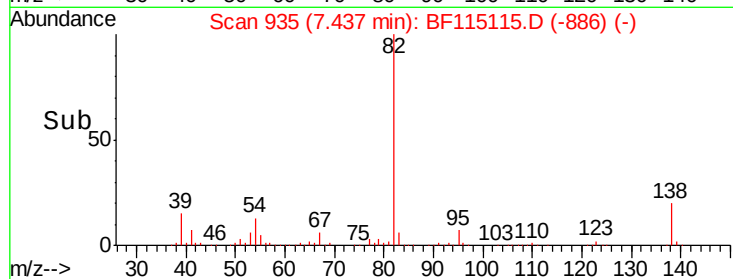
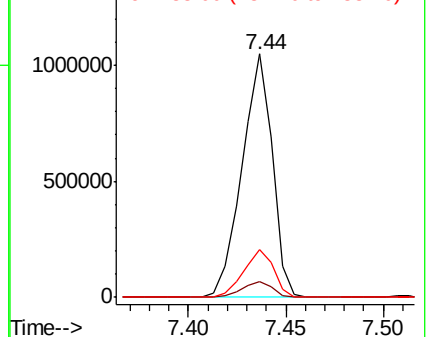
138 19.7 15.9 23.9



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

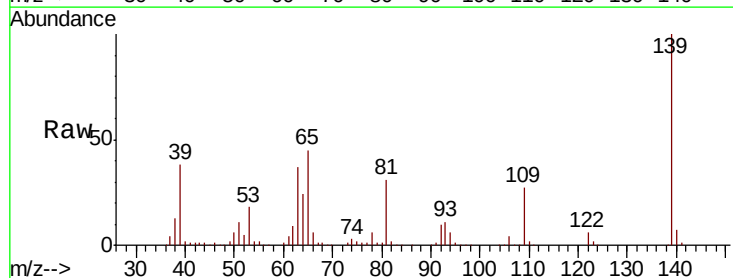
Tgt Ion: 139 Resp: 326211

Ion Ratio Lower Upper

139 100

109 26.8 20.4 30.6

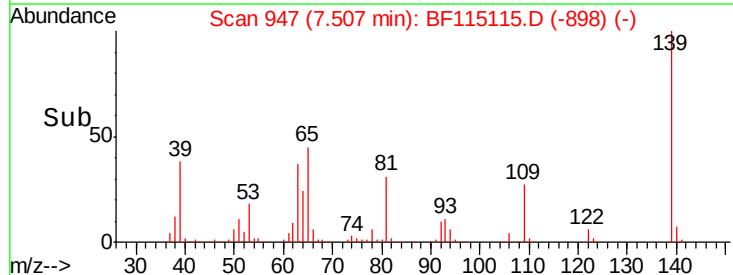
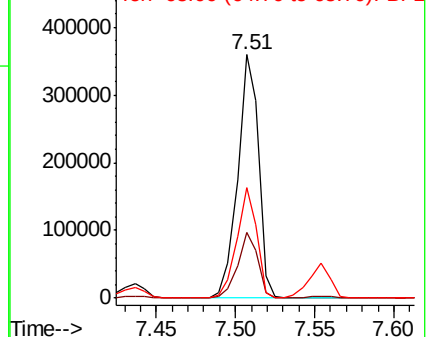
65 45.4 33.6 50.4

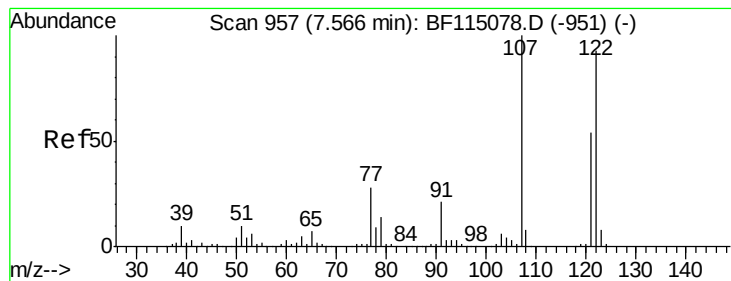


Abundance Ion 139.00 (138.70 to 139.70): E

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

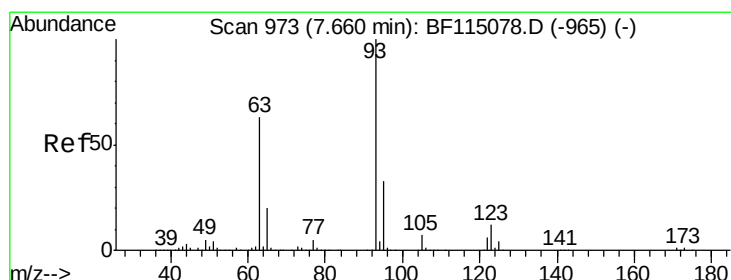
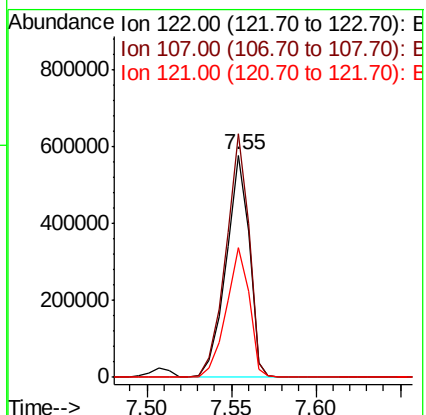
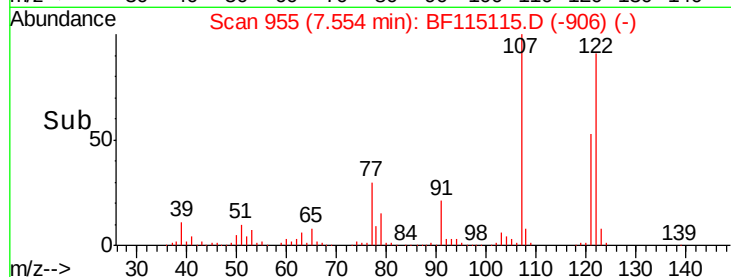
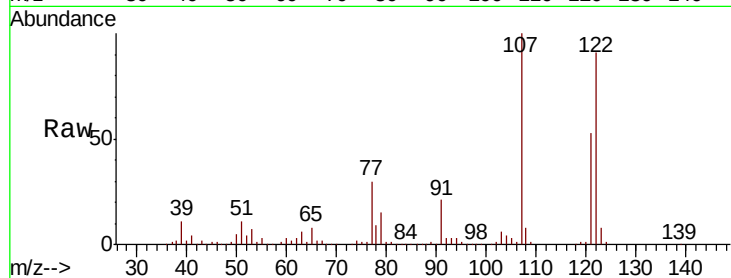
Tot Ion:122 Resp: 549715

Ion Ratio Lower Upper

122 100

107 109.4 85.8 128.6

121 58.5 46.3 69.5



#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

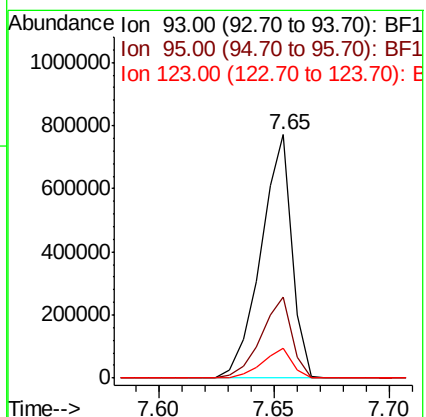
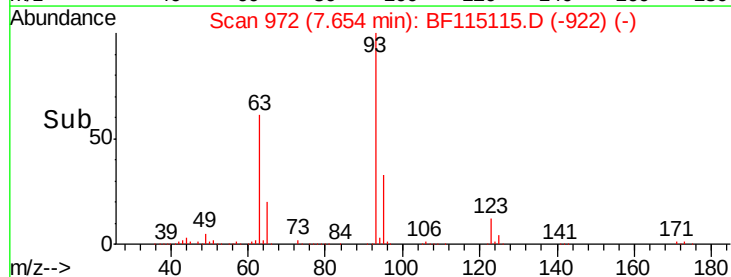
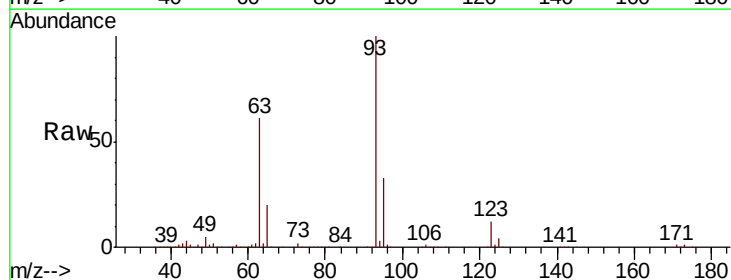
Tgt Ion: 93 Resp: 720088

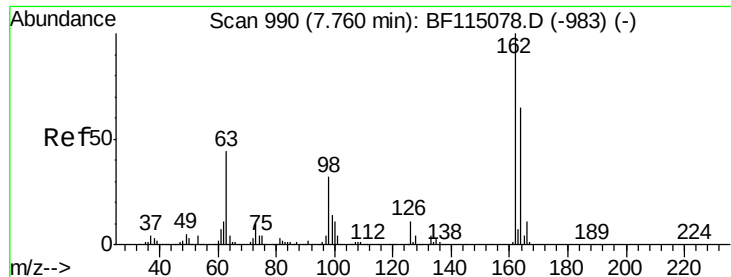
Ion Ratio Lower Upper

93 100

95 33.3 26.2 39.4

123 12.3 9.7 14.5

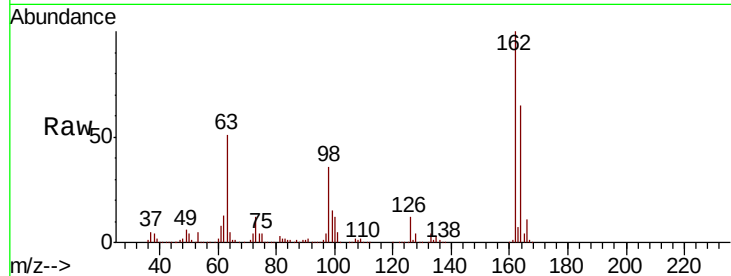




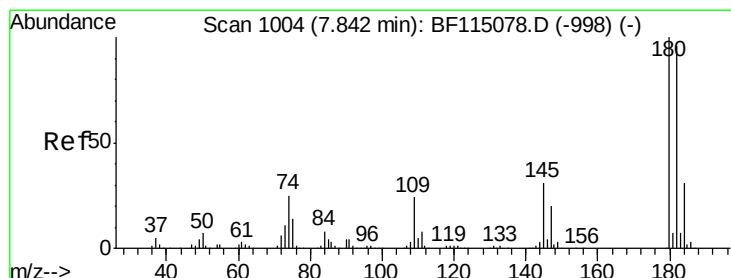
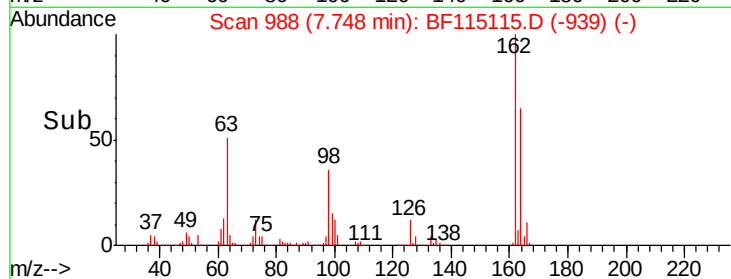
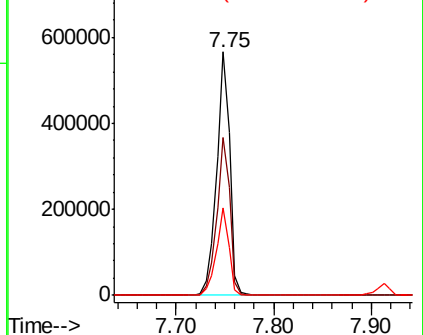
#29
2,4-Dichlorophenol
Concen: 32.984 ng
RT: 7.75 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF115115.D
Acq: 22 Jun 2019 12:50

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

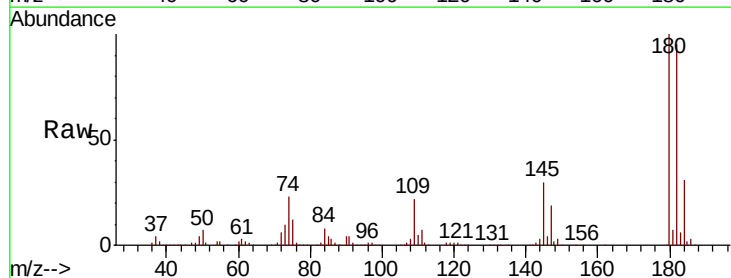


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

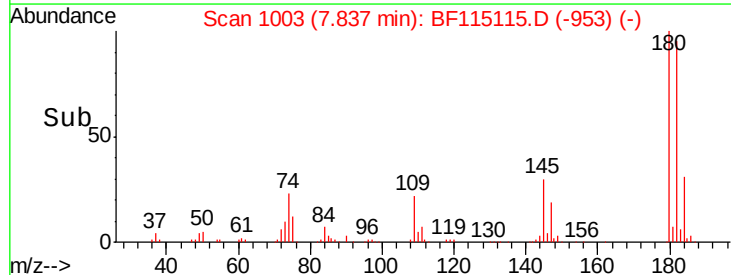
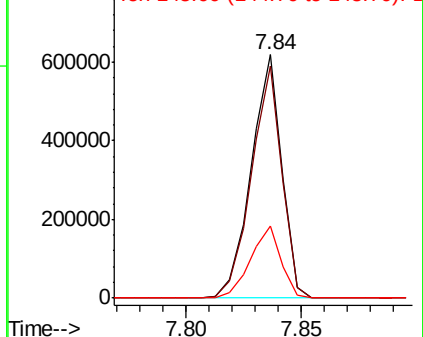


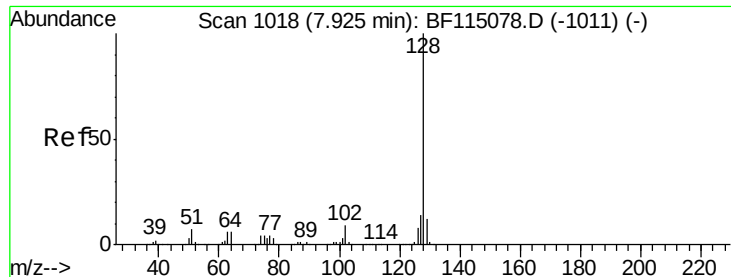
#30
1,2,4-Trichlorobenzene
Concen: 32.431 ng
RT: 7.84 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF115115.D
Acq: 22 Jun 2019 12:50

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

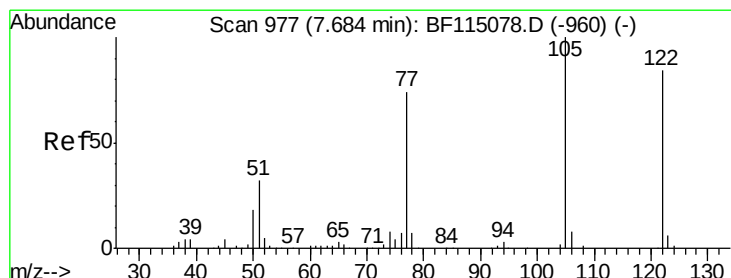
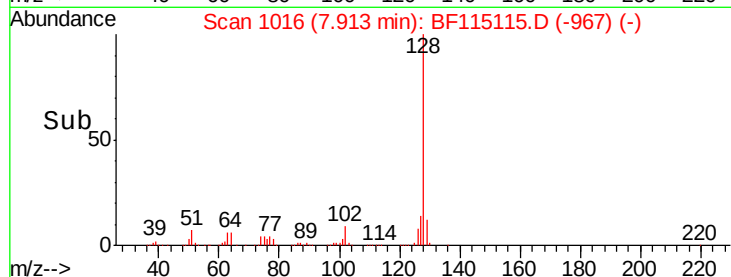
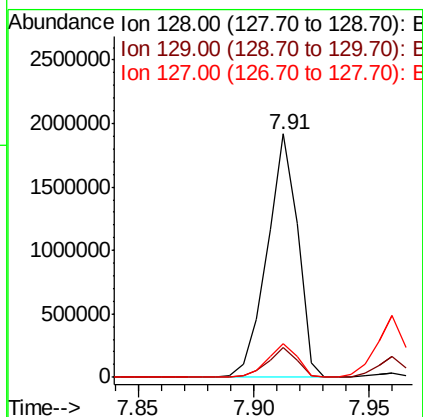
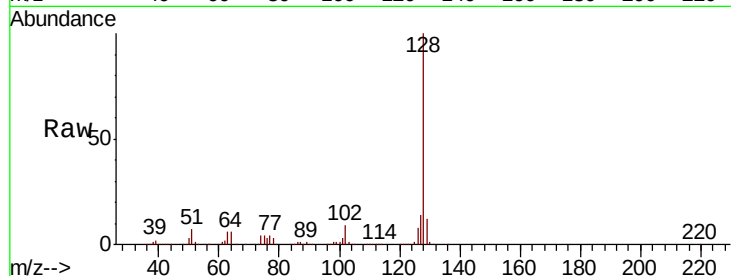




#31
Naphthalene
Concen: 33.569 ng
RT: 7.91 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF115115.D
Acq: 22 Jun 2019 12:50

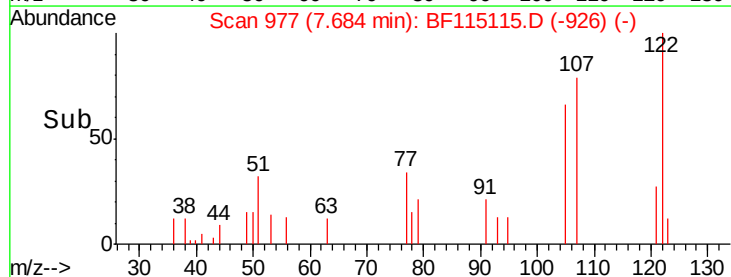
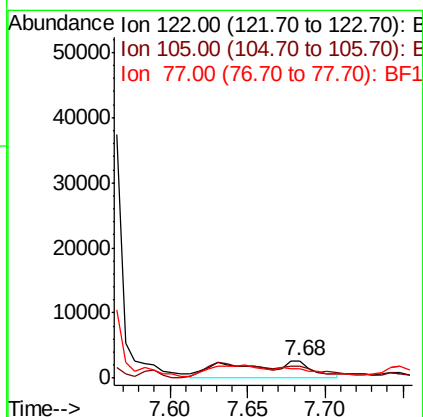
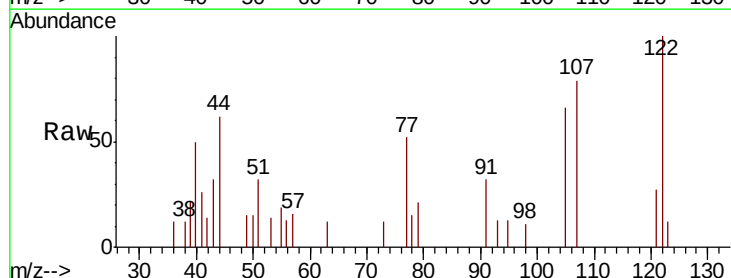
Instrument :
BNA_F
ClientSampleId :
FK-SF-03-008-AMSD

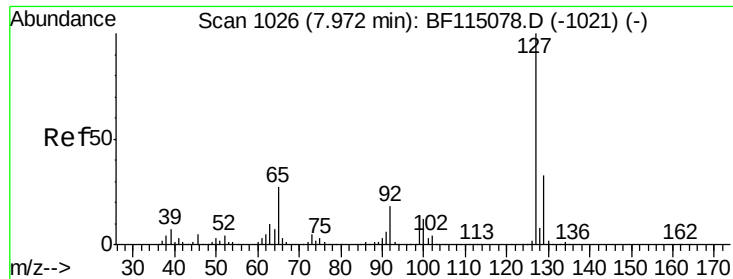
Tot Ion:128 Resp: 1755944
Ion Ratio Lower Upper
128 100
129 12.1 9.6 14.4
127 14.1 11.4 17.0



#32
Benzoic acid
Concen: 0.837 ng m
RT: 7.68 min Scan# 977
Delta R.T. 0.00 min
Lab File: BF115115.D
Acq: 22 Jun 2019 12:50

Tgt Ion:122 Resp: 9218
Ion Ratio Lower Upper
122 100
105 65.9 98.2 138.2#
77 51.8 67.0 107.0#

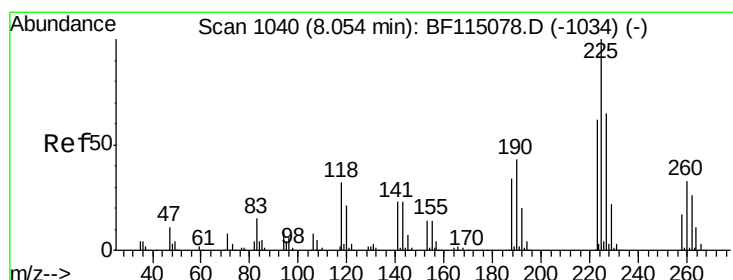
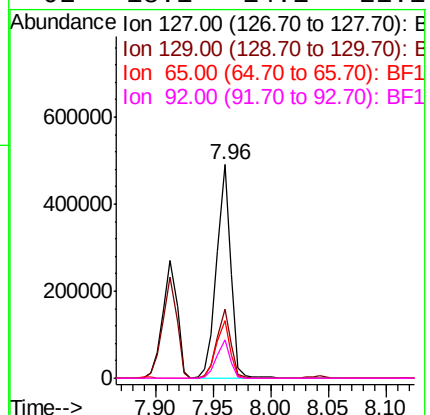
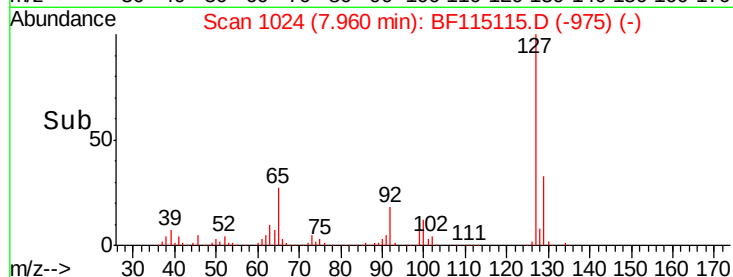
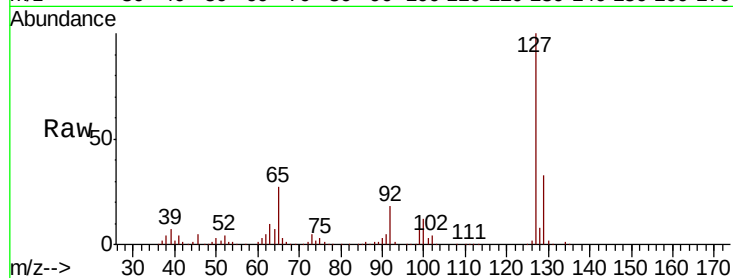




#33
4-Chloroaniline
Concen: 17.538 ng
RT: 7.96 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF115115.D
Acq: 22 Jun 2019 12:50

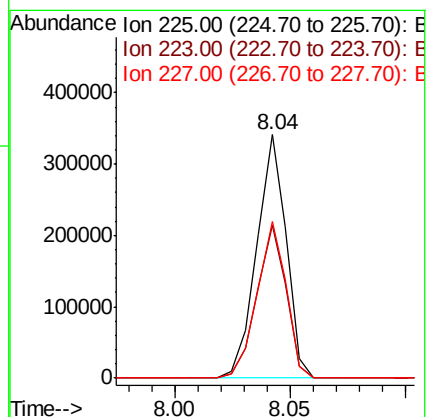
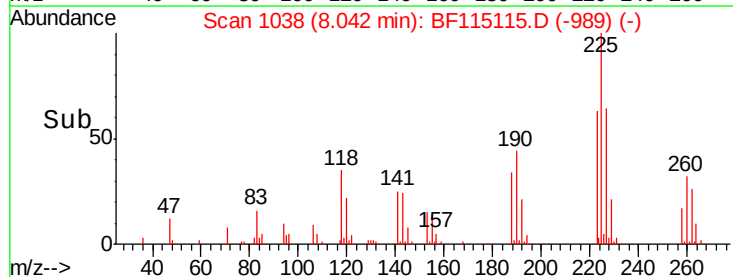
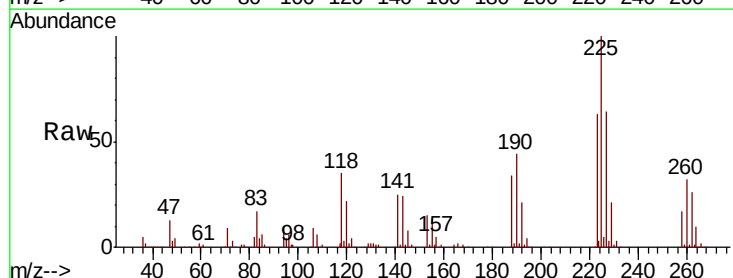
Instrument :
BNA_F
ClientSampleId :
FK-SF-03-008-AMSD

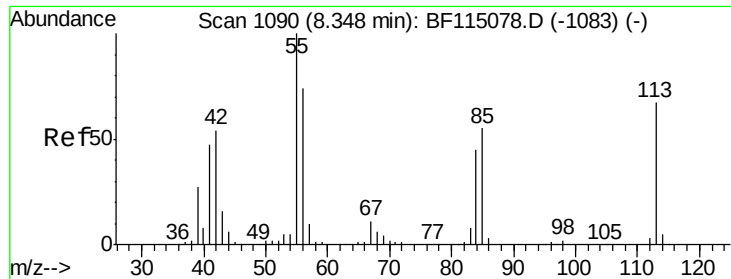
Tot Ion:	127	Resp:	419256
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.1	39.1
65	27.2	21.4	32.2
92	18.1	14.1	21.1



#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: 26.709 ng/mL

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

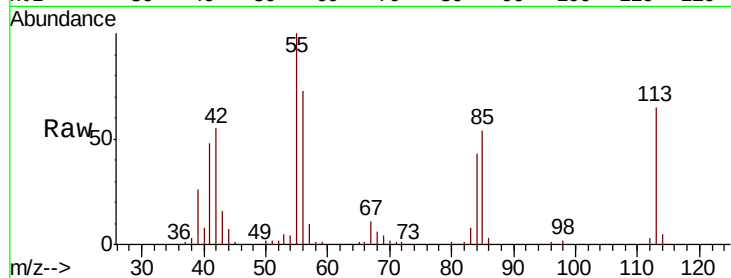
Tot Ion:113 Resp: 142997

Ion Ratio Lower Upper

113 100

55 154.5 130.2 170.2

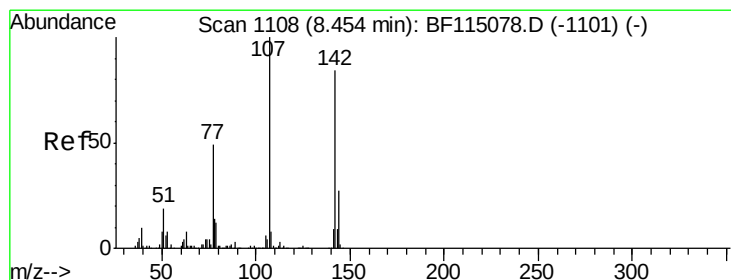
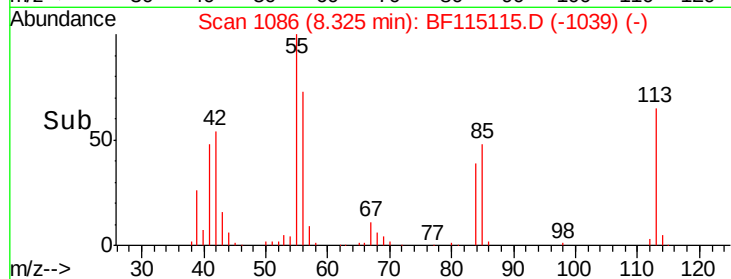
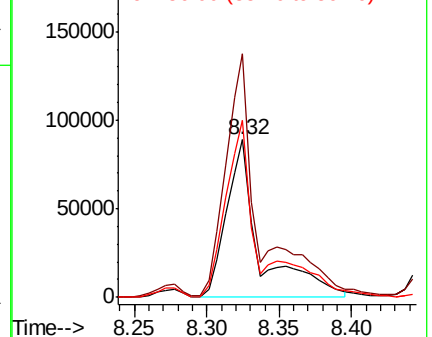
56 112.2 91.6 131.6



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/mL

RT: 8.45 min Scan# 1107

Delta R.T. -0.01 min

Lab File: BF115115.D

Acq: 22 Jun 2019 12:50

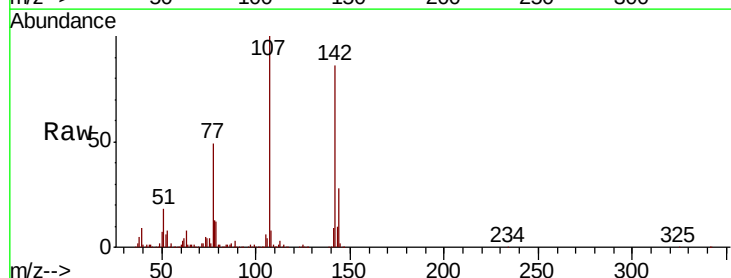
Tgt Ion:107 Resp: 529231

Ion Ratio Lower Upper

107 100

144 28.1 21.7 32.5

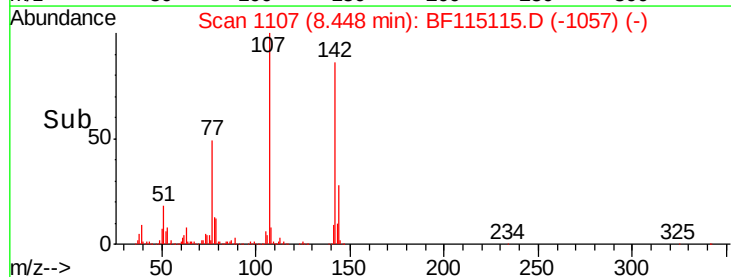
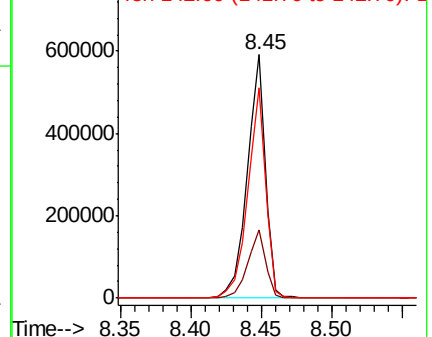
142 86.3 67.0 100.4

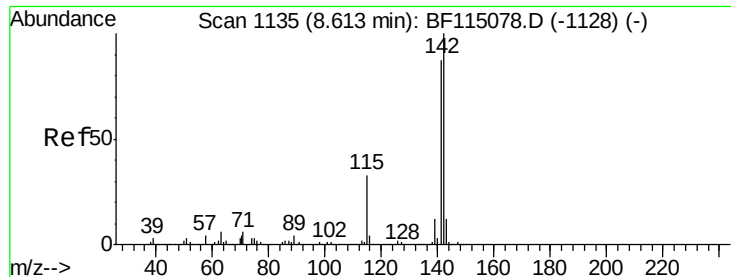


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

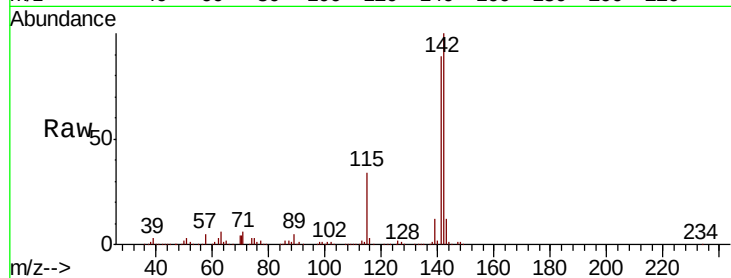




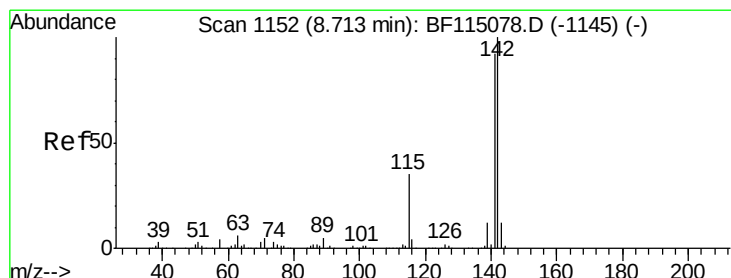
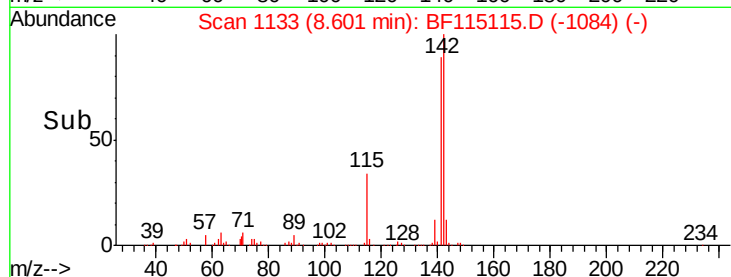
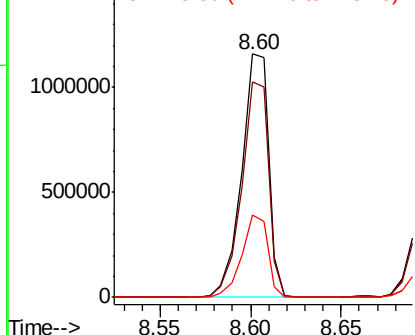
#37
2-Methylnaphthalene
Concen: 33.974 ng
RT: 8.60 min Scan# 1133
Delta R.T. -0.01 min
Lab File: BF115115.D
Acq: 22 Jun 2019 12:50

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

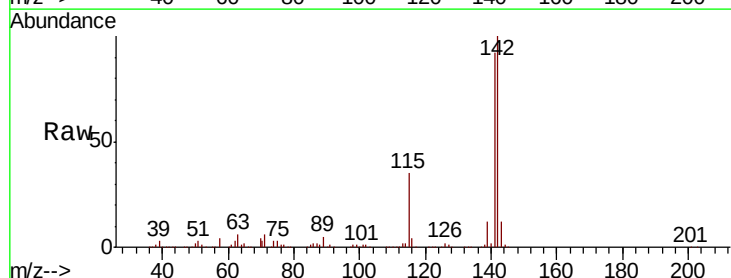


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

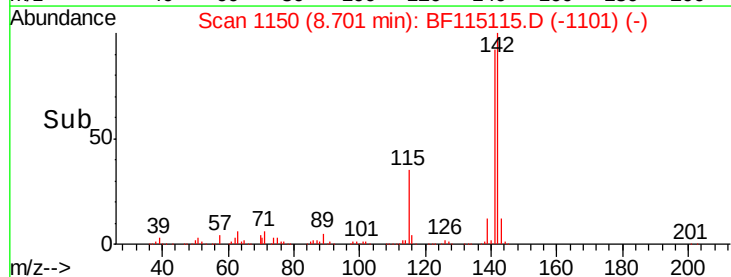
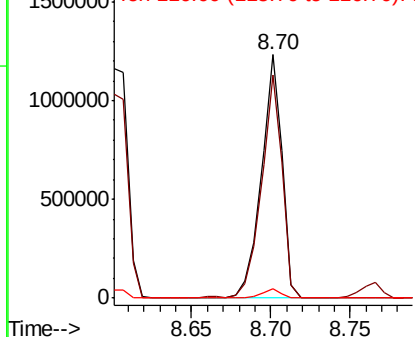


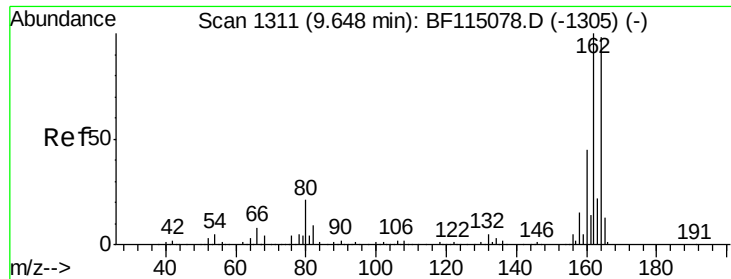
#38
1-Methylnaphthalene
Concen: 33.422 ng
RT: 8.70 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF115115.D
Acq: 22 Jun 2019 12:50

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

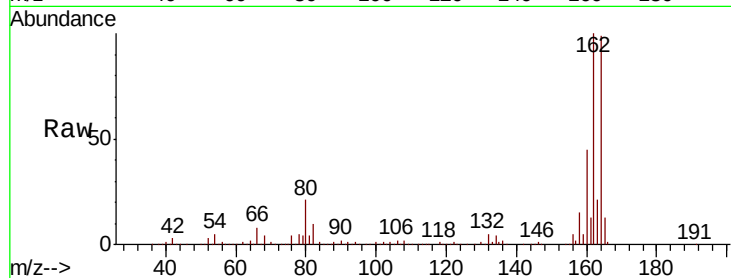




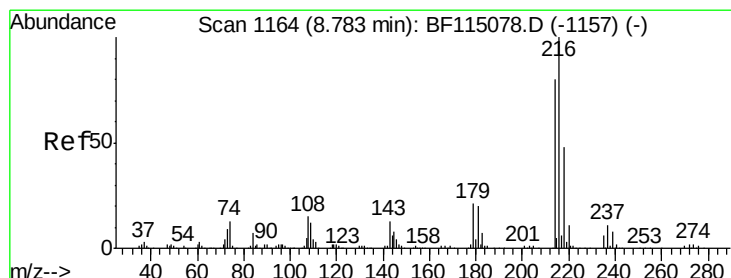
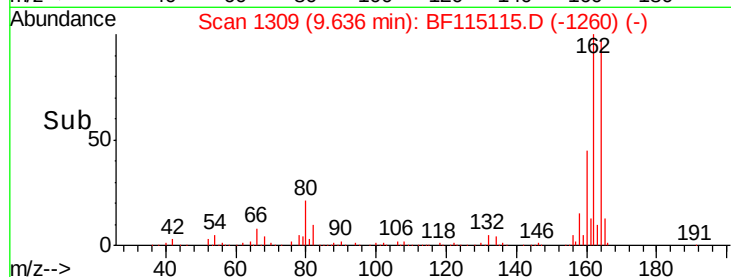
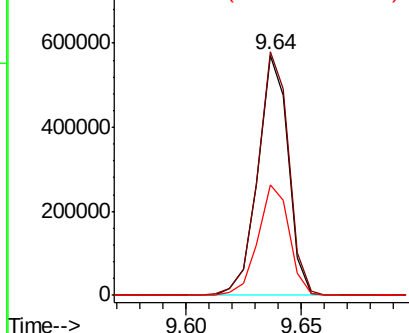
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.64 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF115115.D
Acq: 22 Jun 2019 12:50

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

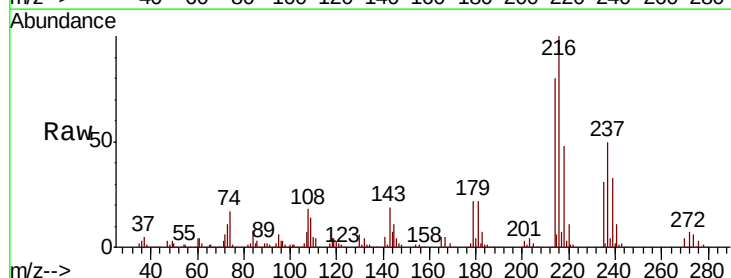


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

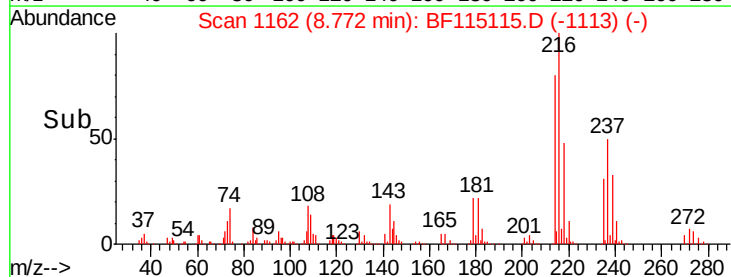
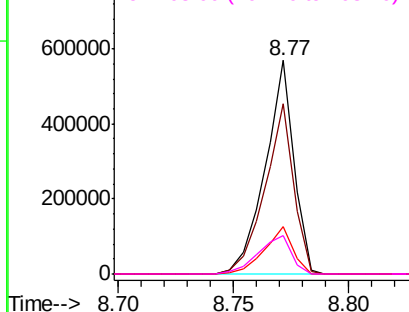


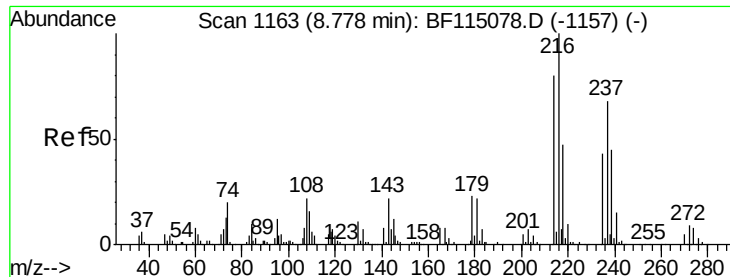
#40
1,2,4,5-Tetrachlorobenzene
Concen: 33.190 ng
RT: 8.77 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BF115115.D
Acq: 22 Jun 2019 12:50

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

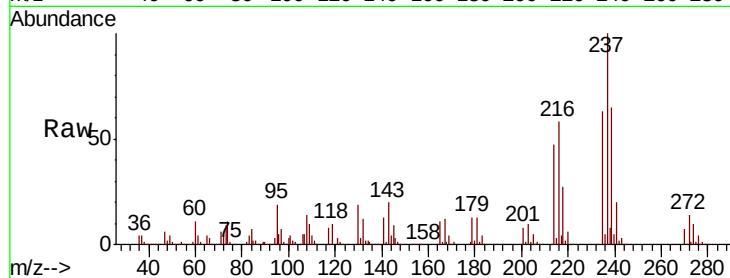
Tot Ion:237 Resp: 555368

Ion Ratio Lower Upper

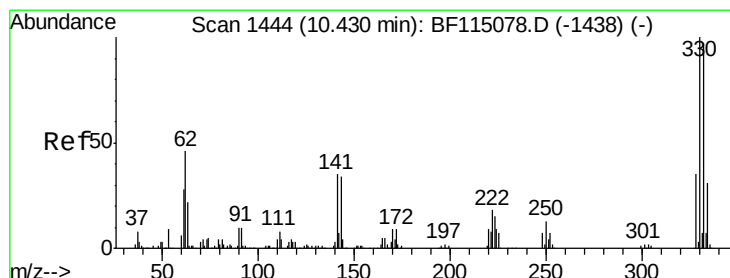
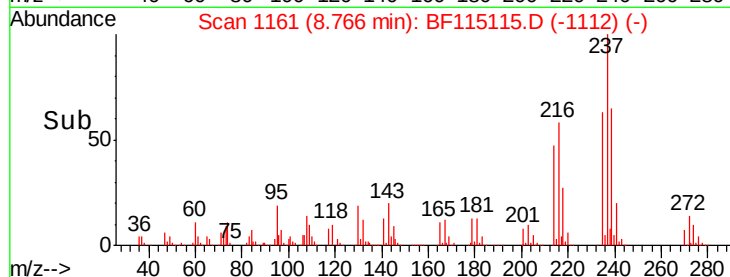
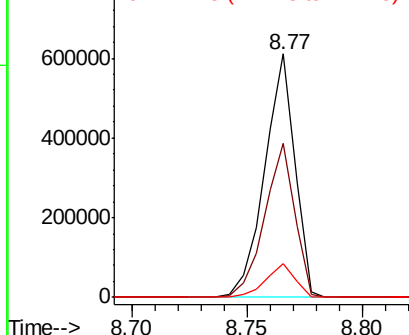
237 100

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

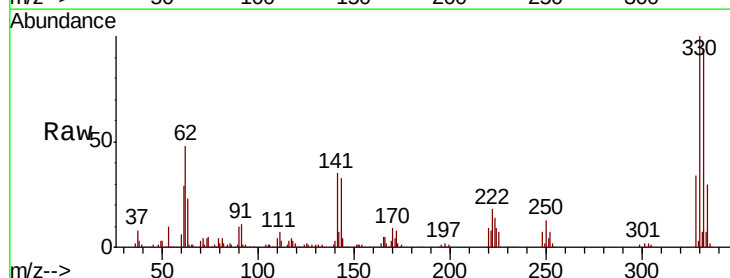
Tgt Ion:330 Resp: 517738

Ion Ratio Lower Upper

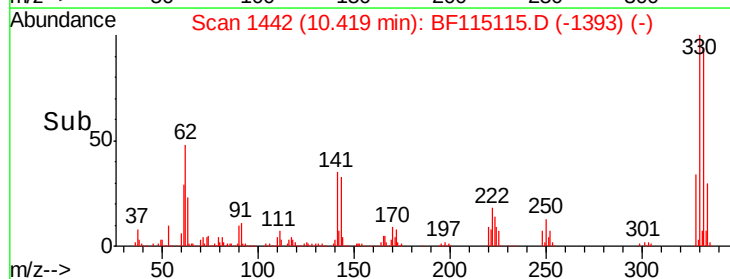
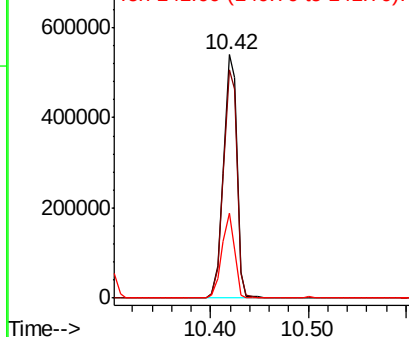
330 100

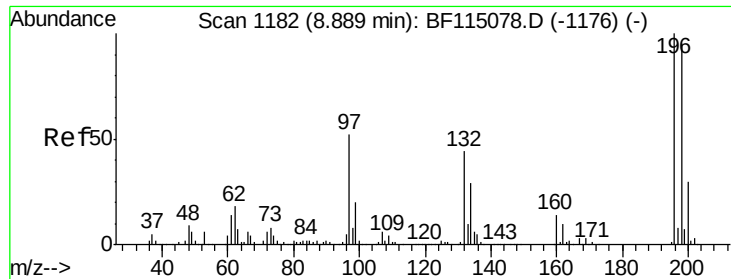
332 95.3 77.3 115.9

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

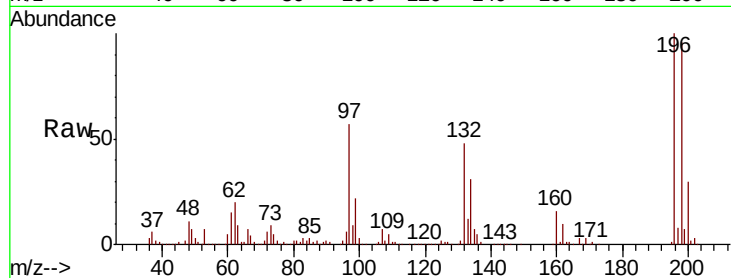




#43
 2,4,6-Trichlorophenol
 Concen: 31.551 ng
 RT: 8.88 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF115115.D
 Acq: 22 Jun 2019 12:50

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

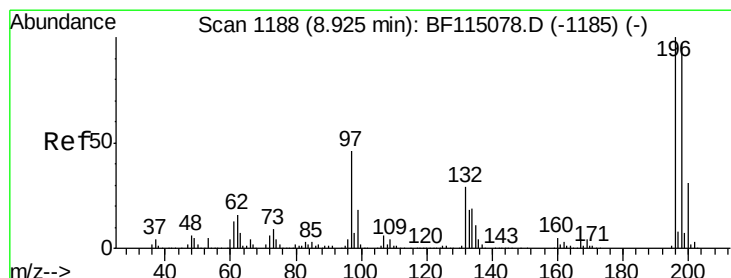
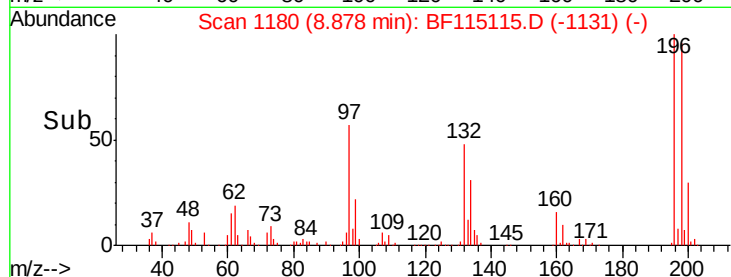
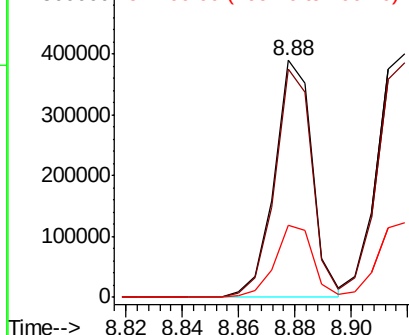


Abundance

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

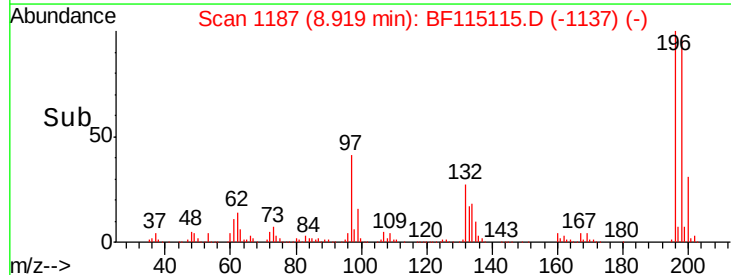
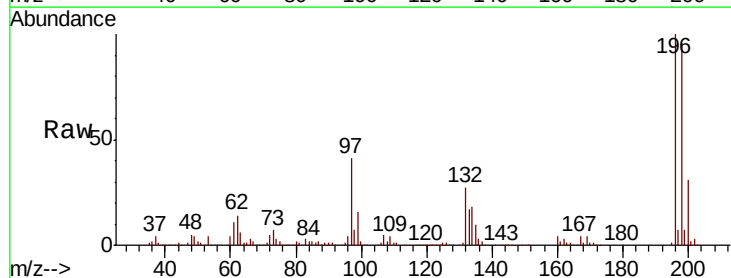
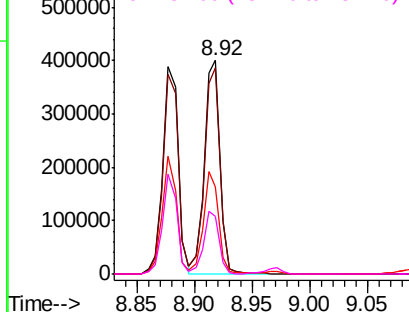
Abundance

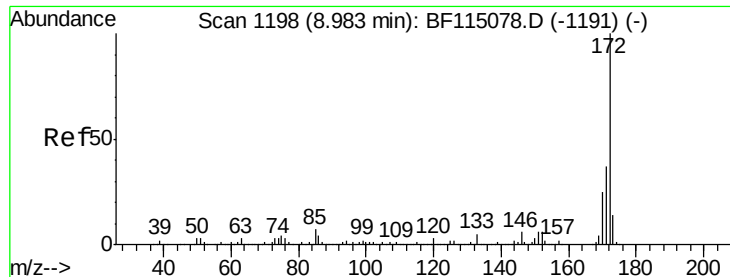
Ion 196.00 (195.70 to 196.70): E

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

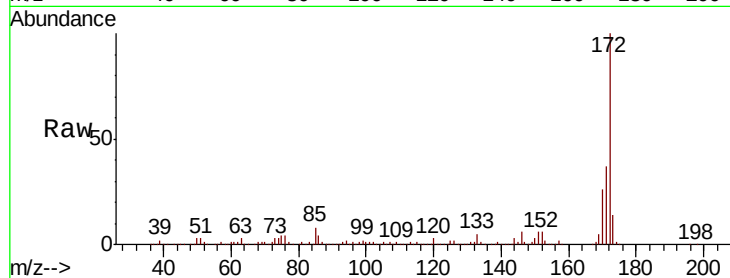




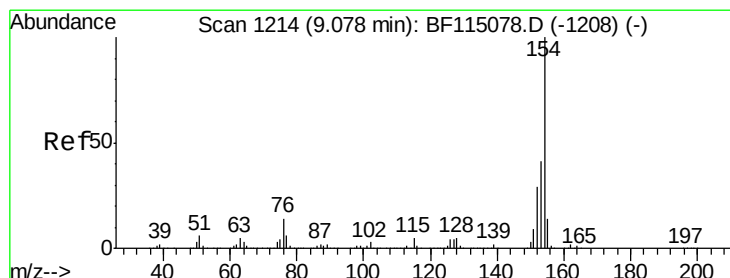
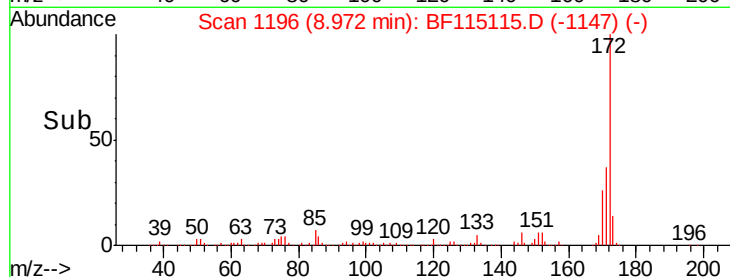
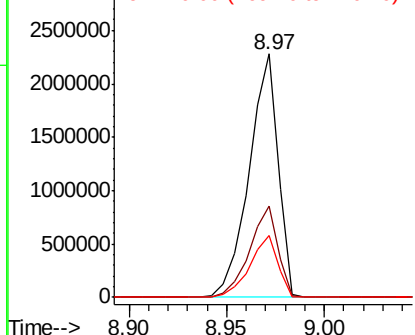
#45
2-Fluorobiphenyl
Concen: 75.651 ng
RT: 8.97 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF115115.D
Acq: 22 Jun 2019 12:50

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

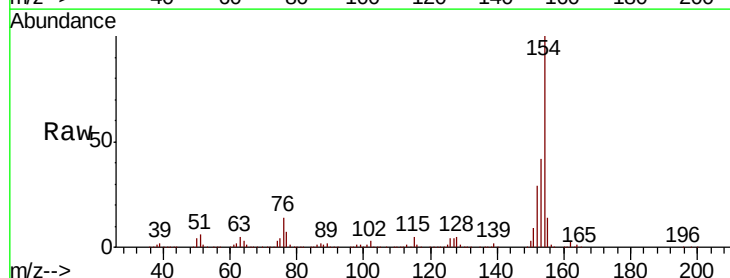


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

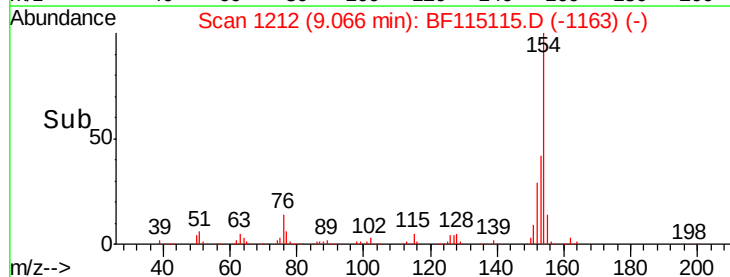
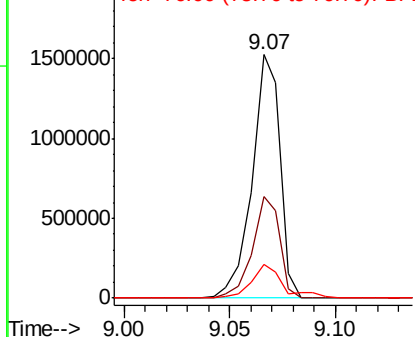


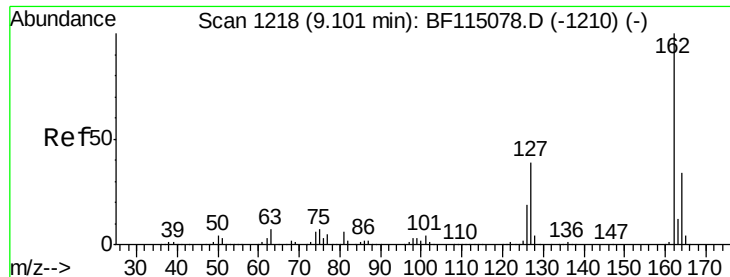
#46
1,1'-Biphenyl
Concen: 33.390 ng
RT: 9.07 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF115115.D
Acq: 22 Jun 2019 12:50

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

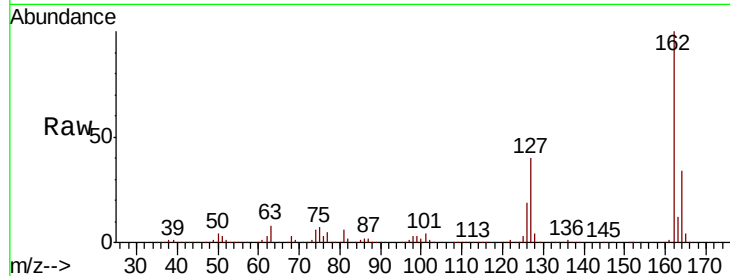




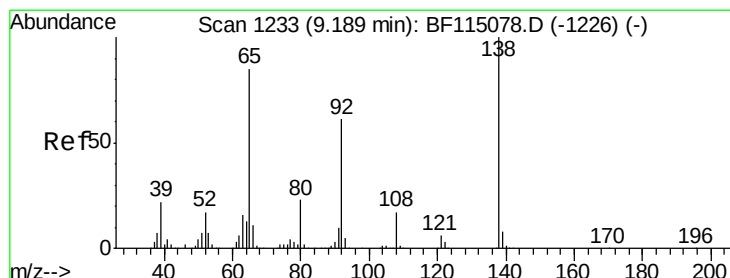
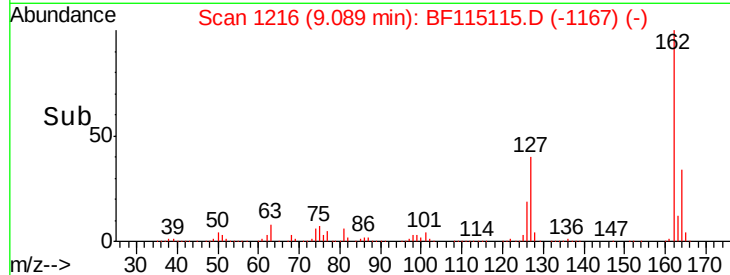
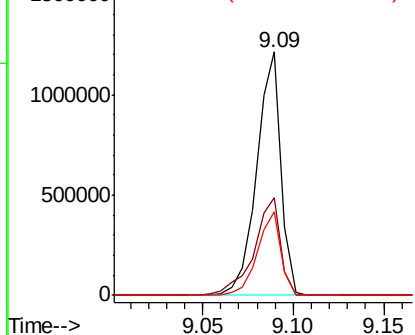
#47
 2-Chloronaphthalene
 Concen: 32.929 ng
 RT: 9.09 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF115115.D
 Acq: 22 Jun 2019 12:50

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

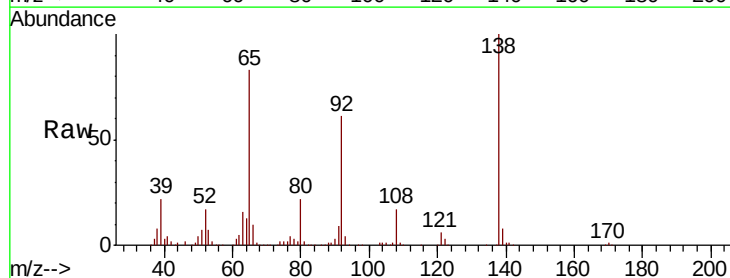


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

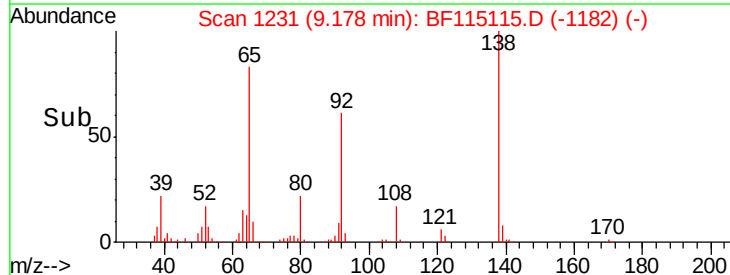
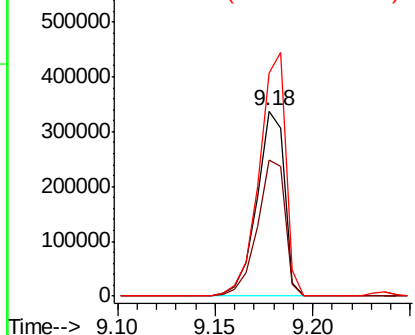


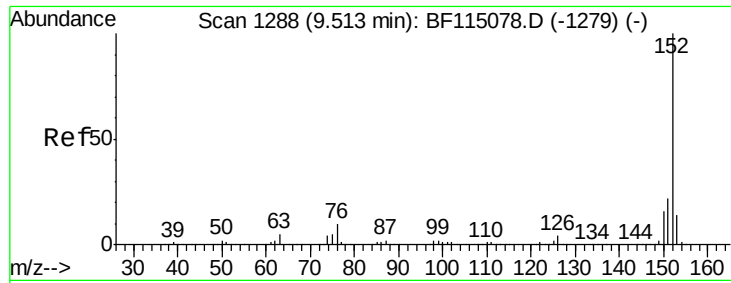
#48
 2-Nitroaniline
 Concen: 33.352 ng
 RT: 9.18 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF115115.D
 Acq: 22 Jun 2019 12:50

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

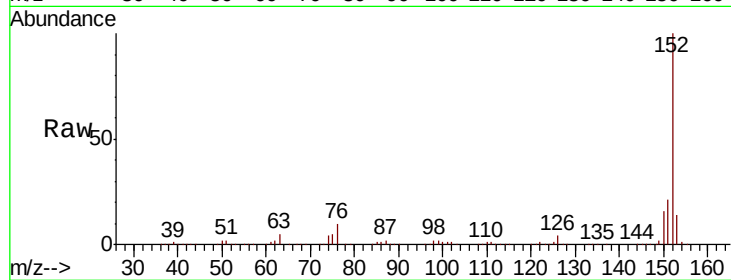
Tot Ion:152 Resp: 1758814

Ion Ratio Lower Upper

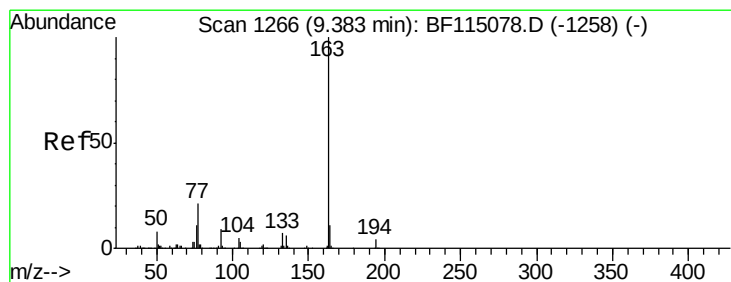
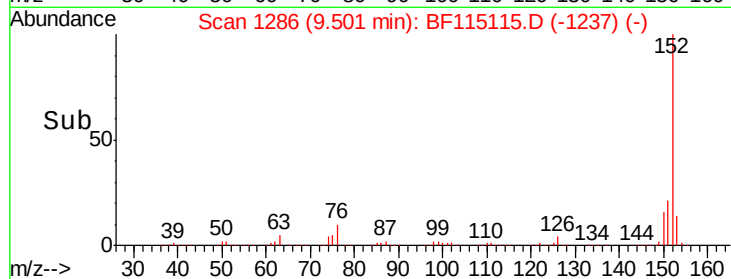
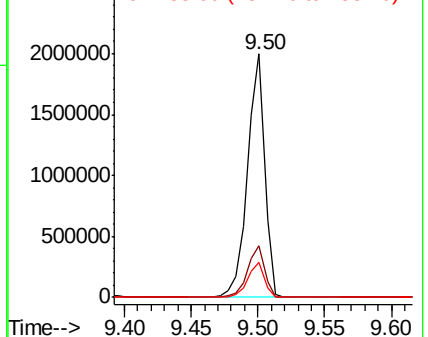
152 100

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

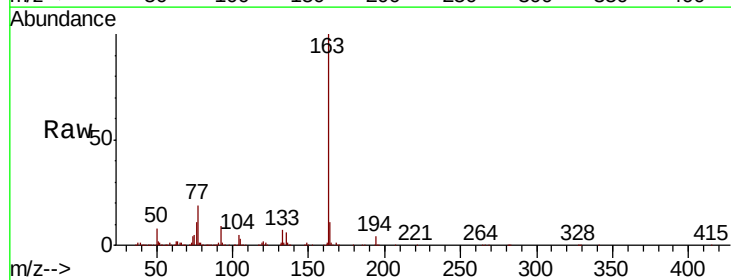
Tgt Ion:163 Resp: 1726769

Ion Ratio Lower Upper

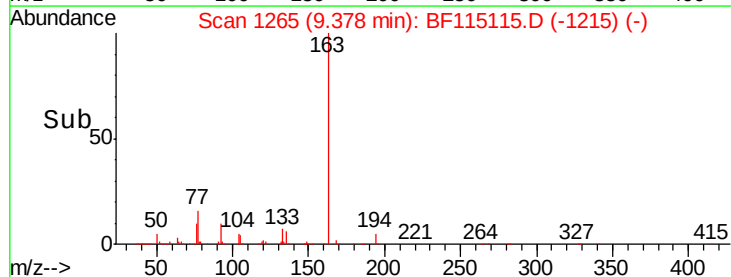
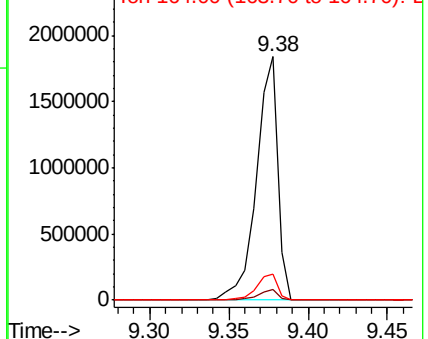
163 100

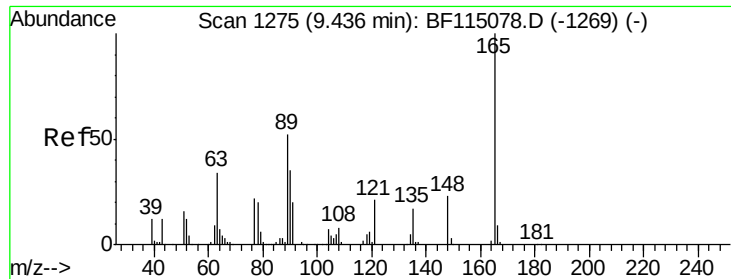
194 4.4 3.2 4.8

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

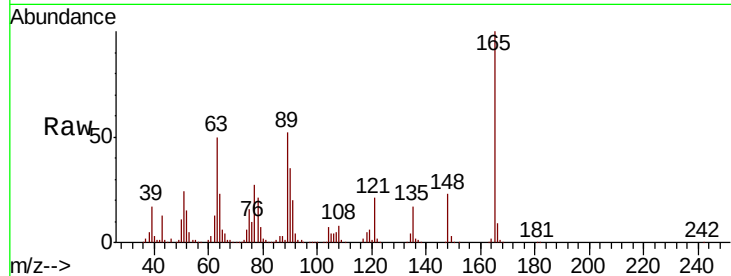




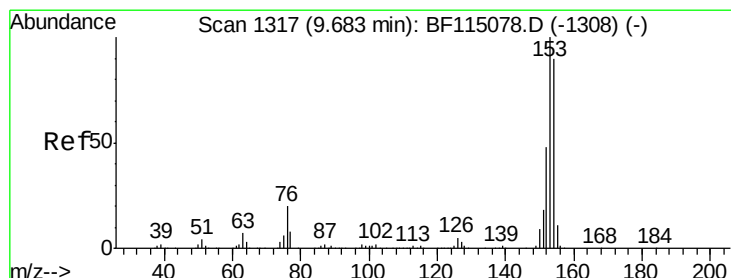
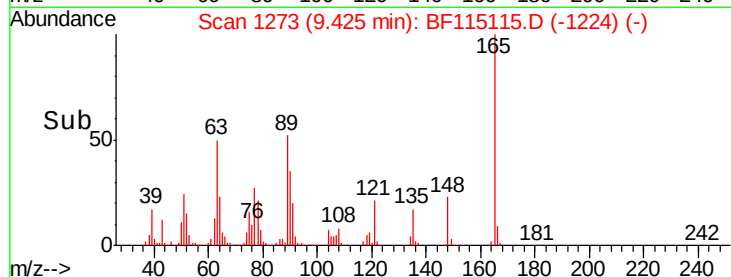
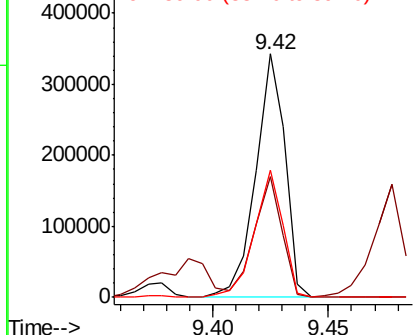
#51
 2,6-Dinitrotoluene
 Concen: 34.076 ng
 RT: 9.42 min Scan# 1273
 Delta R.T. -0.01 min
 Lab File: BF115115.D
 Acq: 22 Jun 2019 12:50

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

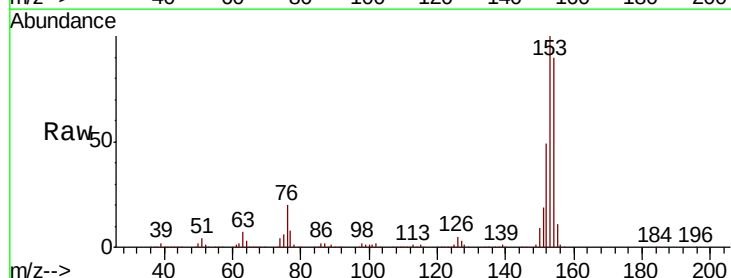


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

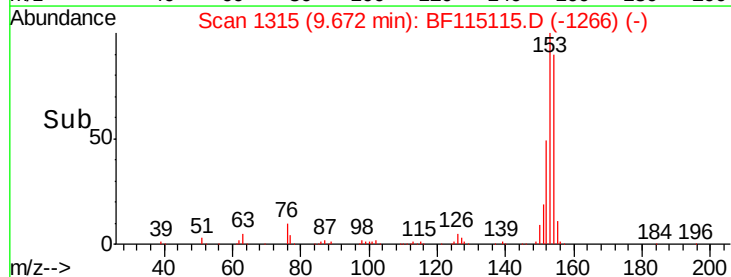
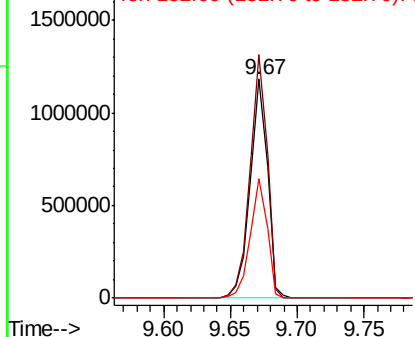


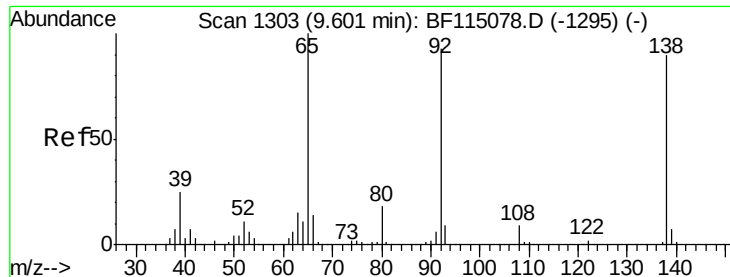
#52
 Acenaphthene
 Concen: 31.565 ng
 RT: 9.67 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF115115.D
 Acq: 22 Jun 2019 12:50

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

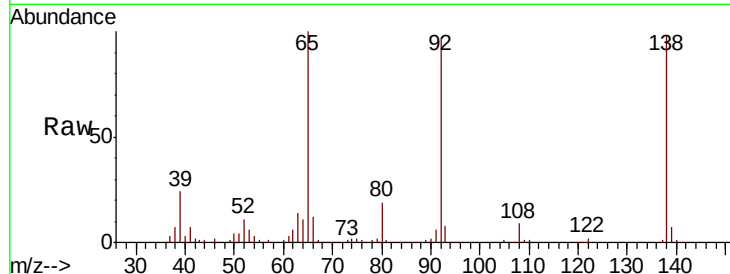




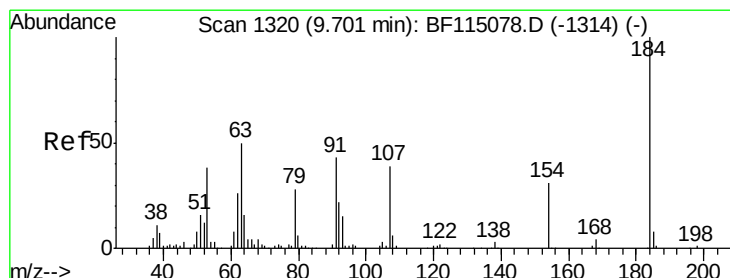
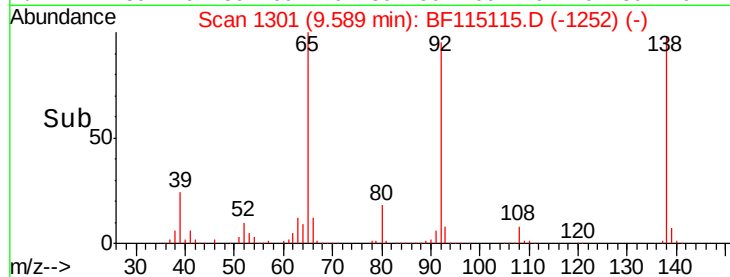
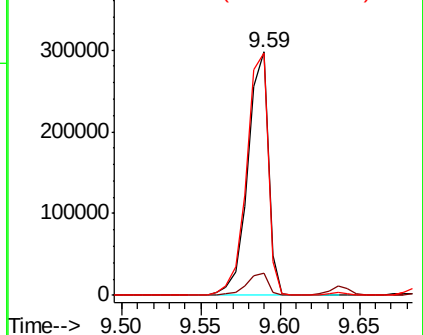
#53
 3-Nitroaniline
 Concen: 24.628 ng
 RT: 9.59 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: BF115115.D
 Acq: 22 Jun 2019 12:50

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

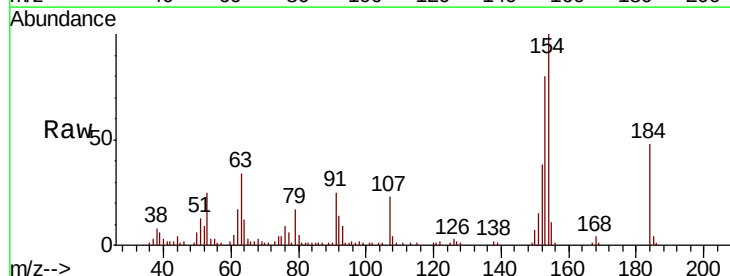


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

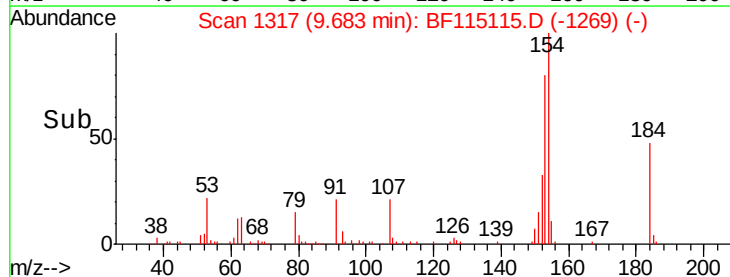
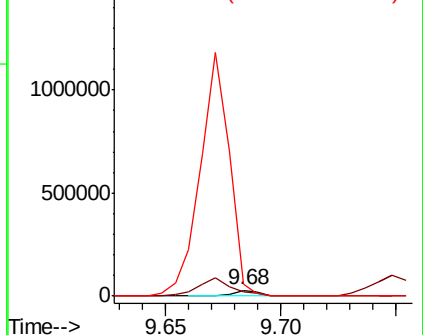


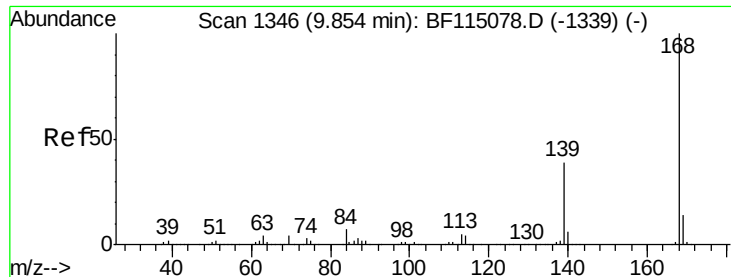
#54
 2,4-Dinitrophenol
 Concen: 11.989 ng
 RT: 9.68 min Scan# 1317
 Delta R.T. -0.02 min
 Lab File: BF115115.D
 Acq: 22 Jun 2019 12:50

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

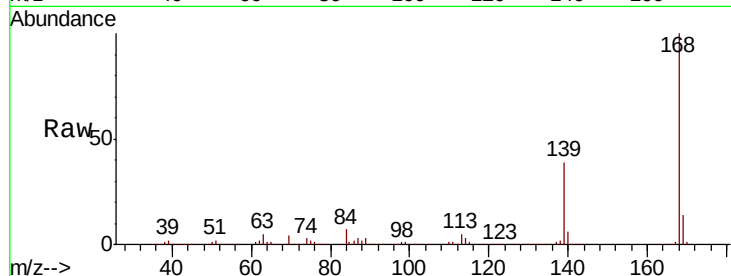




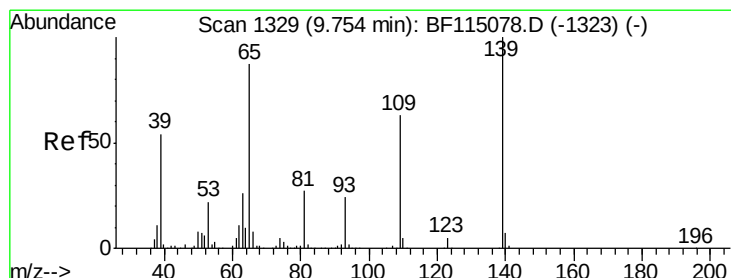
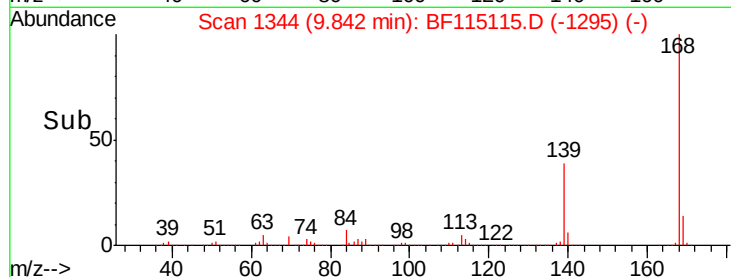
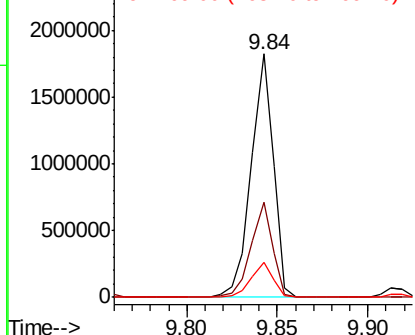
#55
Dibenzenofuran
Concen: 32.631 ng
RT: 9.84 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF115115.D
Acq: 22 Jun 2019 12:50

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

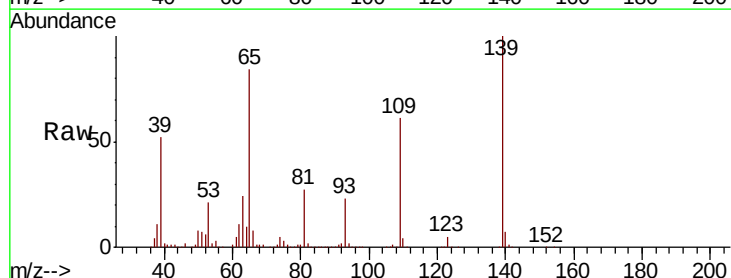


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

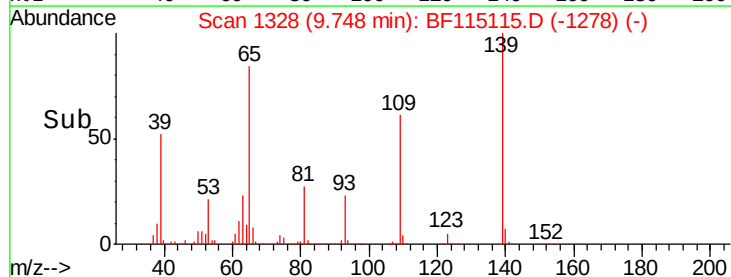
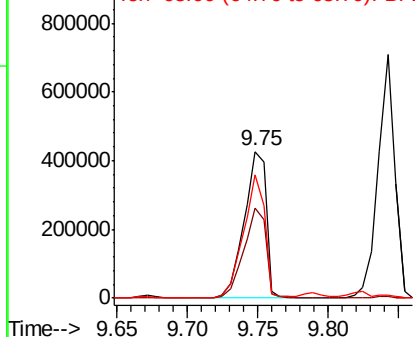


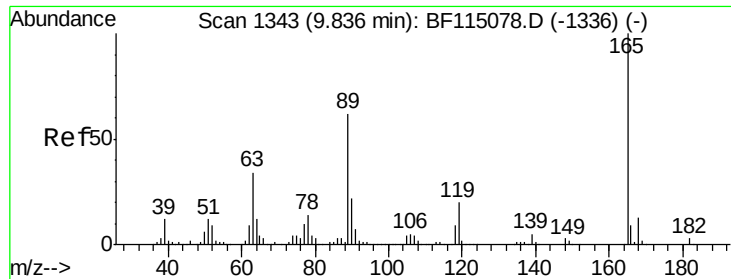
#56
4-Nitrophenol
Concen: 53.780 ng
RT: 9.75 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF115115.D
Acq: 22 Jun 2019 12:50

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
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

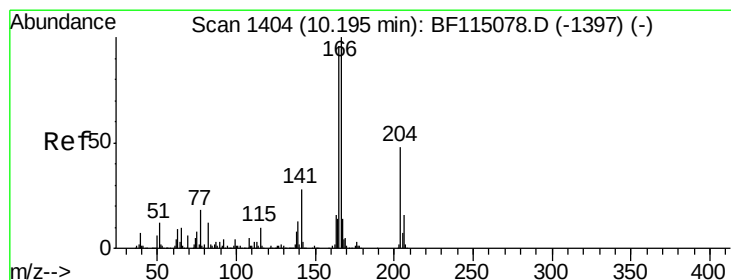
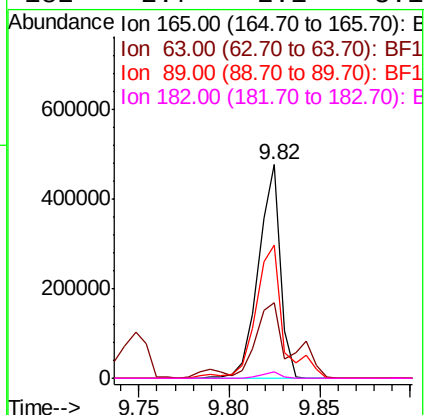
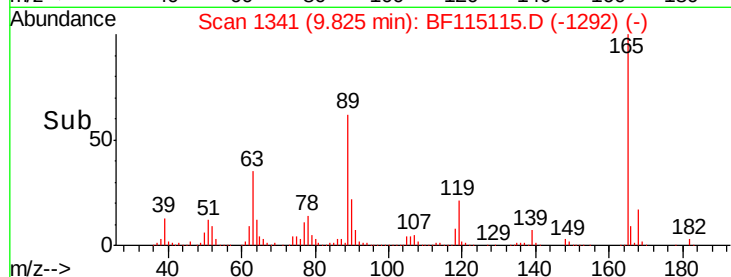
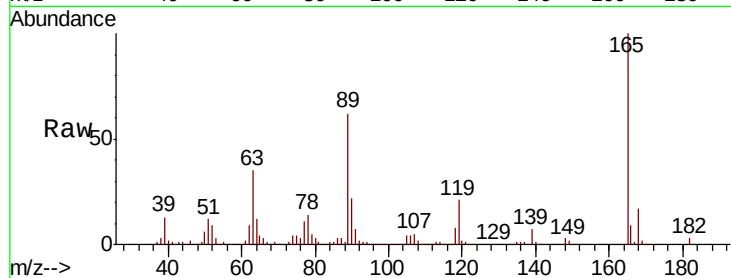




#57
 2,4-Dinitrotoluene
 Concen: 34.826 ng
 RT: 9.82 min Scan# 1341
 Delta R.T. -0.01 min
 Lab File: BF115115.D
 Acq: 22 Jun 2019 12:50

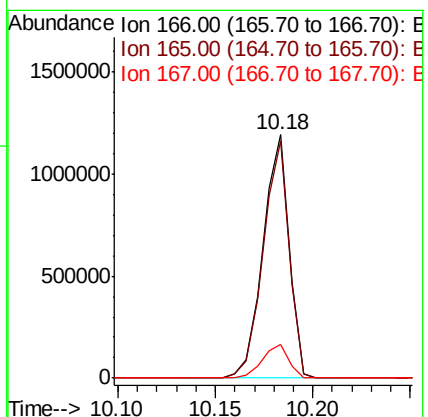
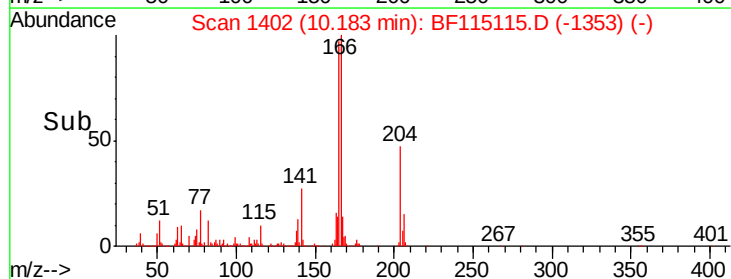
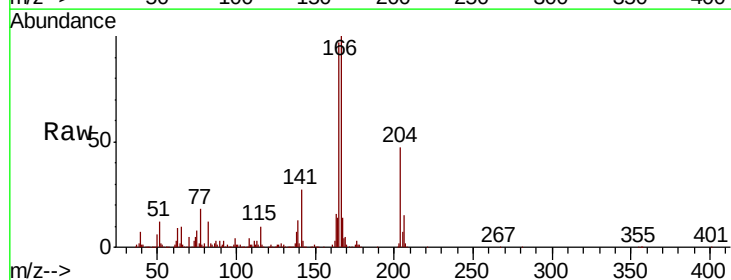
Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-008-AMSD

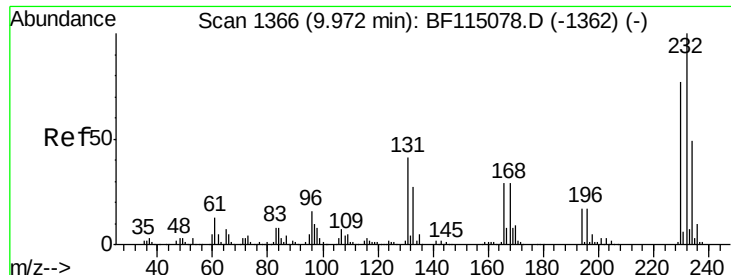
Tot Ion:165	Resp:	400196
Ion	Ratio	Lower Upper
165	100	
63	35.3	27.5 41.3
89	62.3	49.9 74.9
182	2.7	2.1 3.1



#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

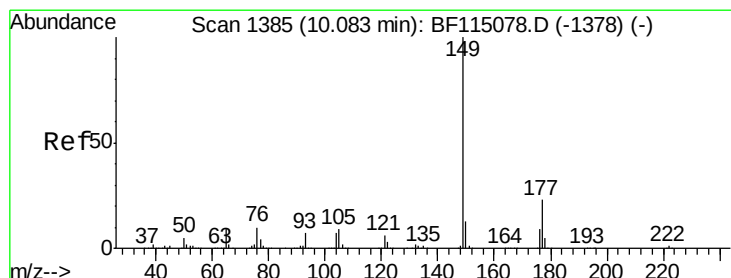
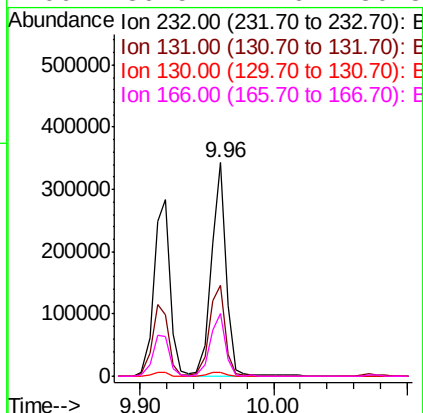
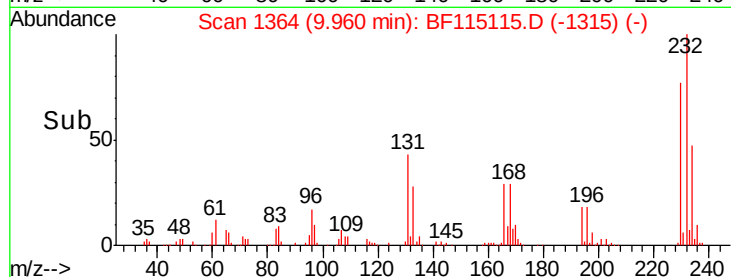
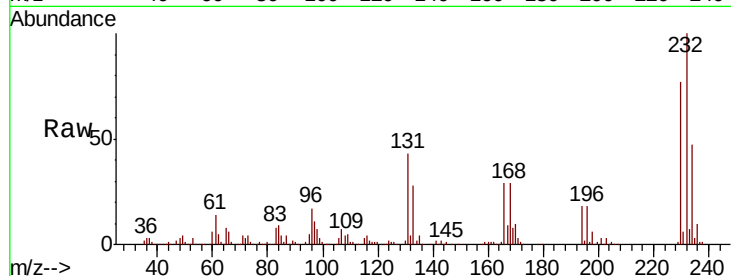




#59
2,3,4,6-Tetrachlorophenol
Concen: 26.789 ng
RT: 9.96 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BF115115.D
Acq: 22 Jun 2019 12:50

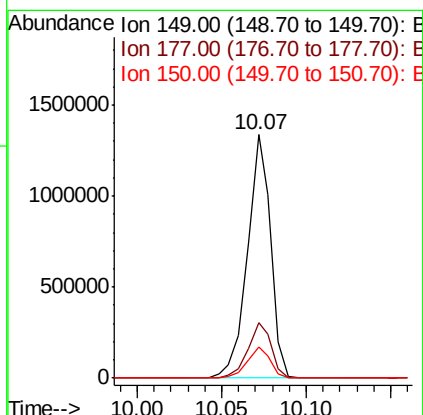
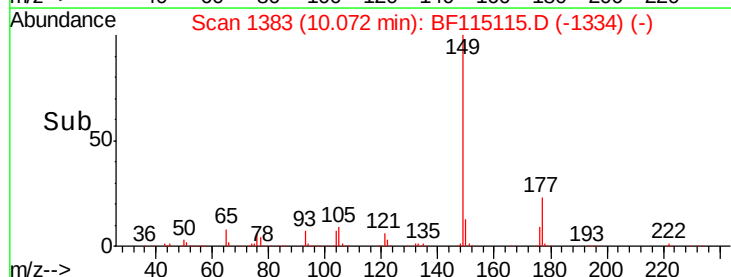
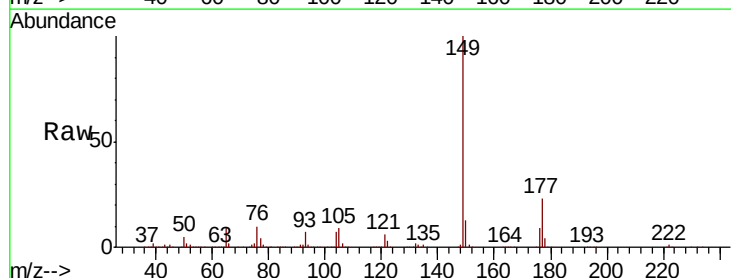
Instrument :
BNA_F
ClientSampleId :
FK-SF-03-008-AMSD

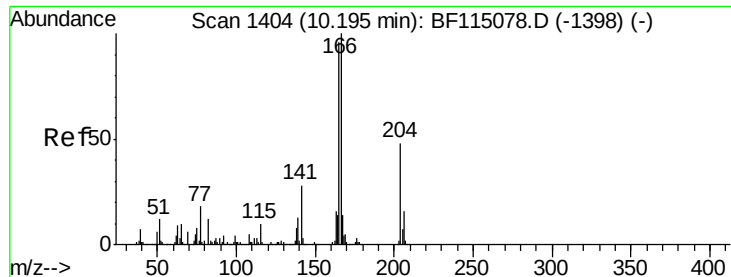
Tot Ion:	232	Resp:	264420
Ion	Ratio	Lower	Upper
232	100		
131	45.9	37.4	56.0
130	2.3	1.8	2.6
166	30.5	24.6	36.8



#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

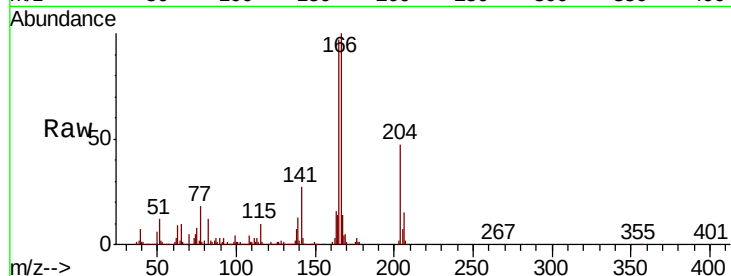




#61
 4-Chlorophenyl-phenylether
 Concen: 33.054 ng
 RT: 10.18 min Scan# 1402
 Delta R.T. -0.01 min
 Lab File: BF115115.D
 Acq: 22 Jun 2019 12:50

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

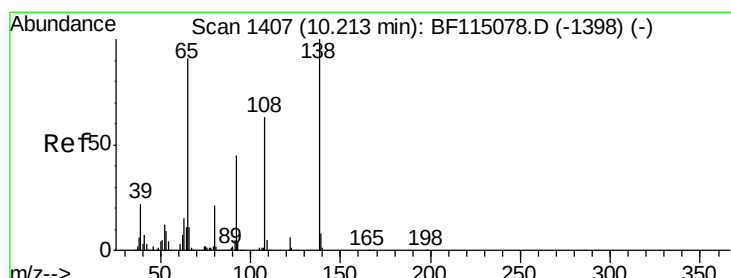
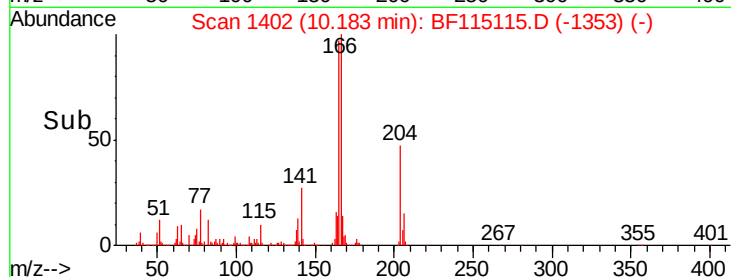
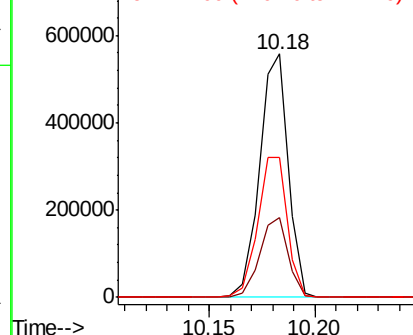


Abundance

Ion 204.00 (203.70 to 204.70): E

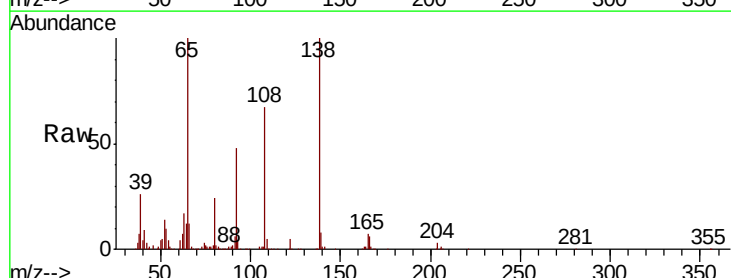
Ion 206.00 (205.70 to 206.70): E

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

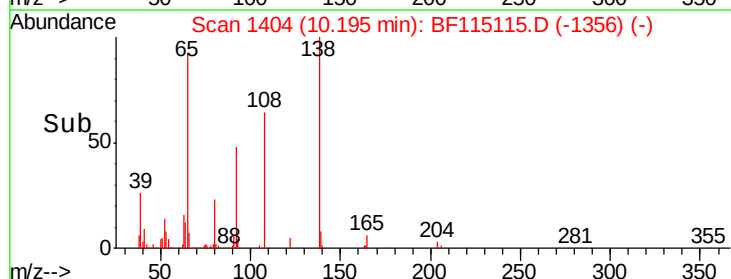
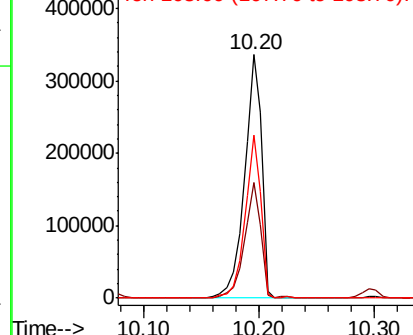


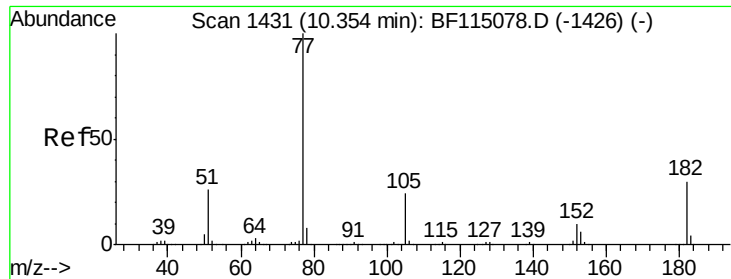
Abundance

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

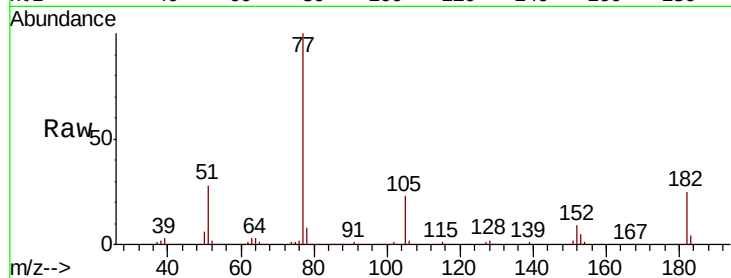




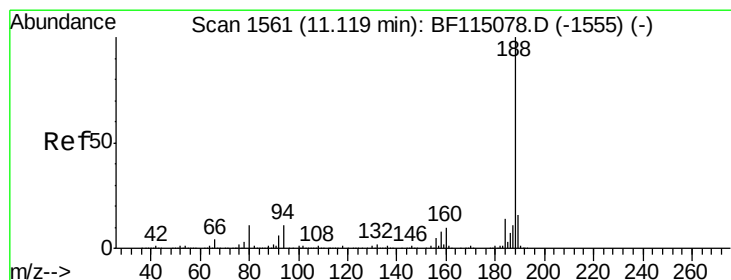
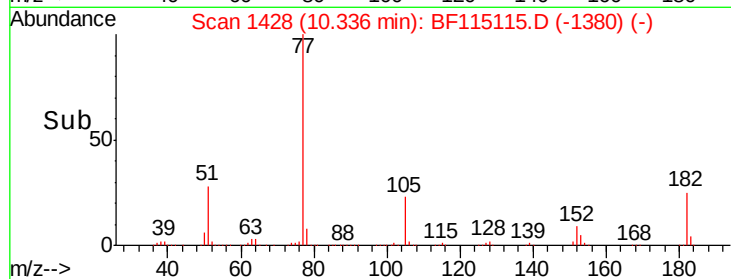
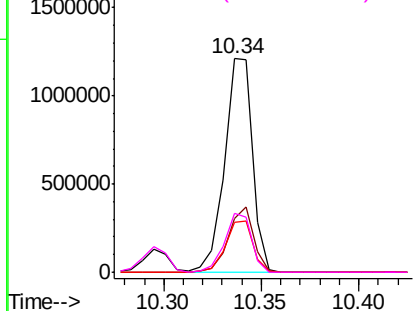
#63
Azobenzene
Concen: 33.037 ng
RT: 10.34 min Scan# 1428
Delta R.T. -0.02 min
Lab File: BF115115.D
Acq: 22 Jun 2019 12:50

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

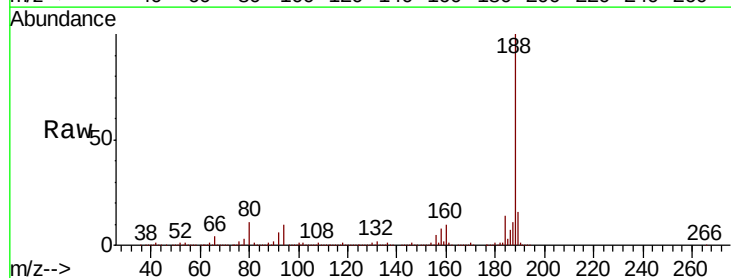


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

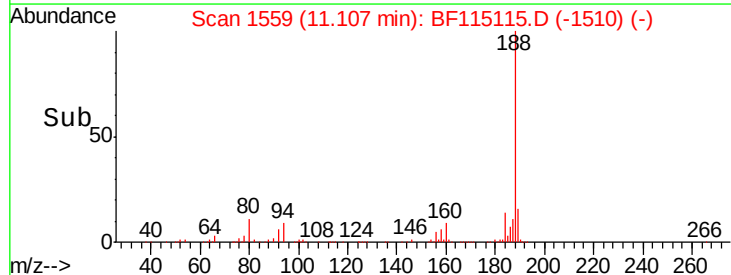
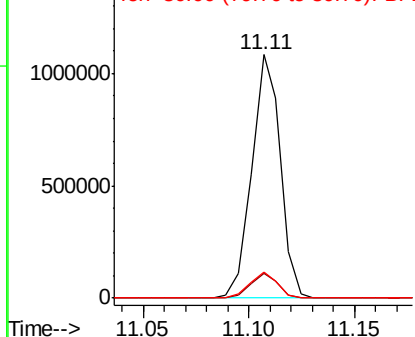


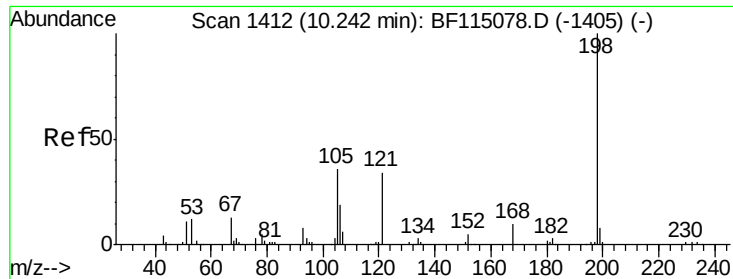
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.11 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF115115.D
Acq: 22 Jun 2019 12:50

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



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

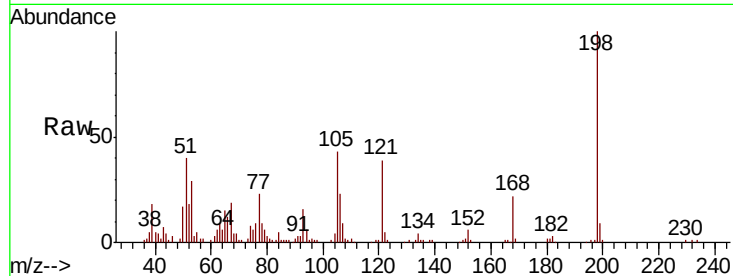




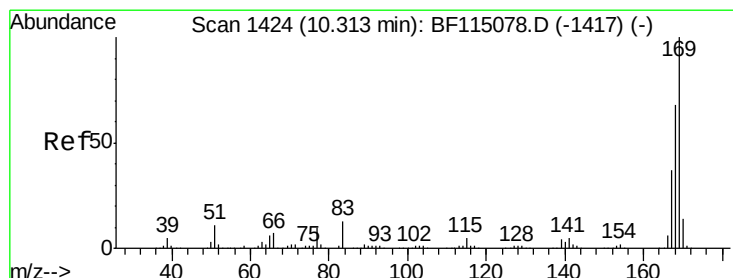
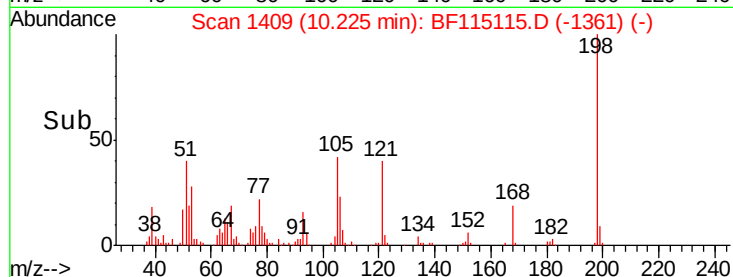
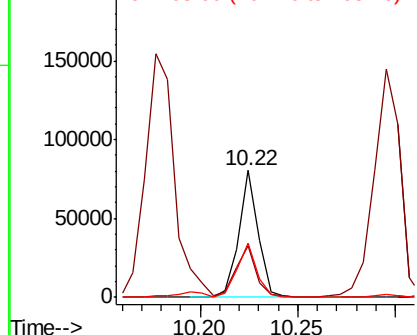
#65
4,6-Dinitro-2-methylphenol
Concen: 14.171 ng
RT: 10.22 min Scan# 1409
Delta R.T. -0.02 min
Lab File: BF115115.D
Acq: 22 Jun 2019 12:50

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

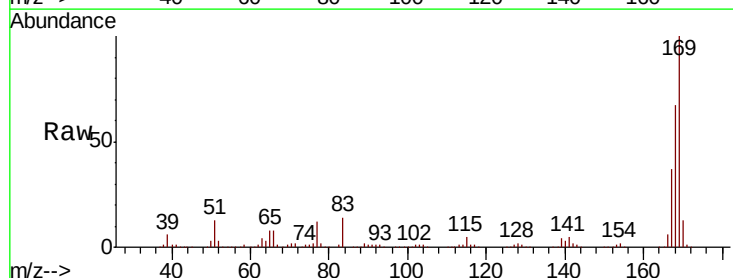


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

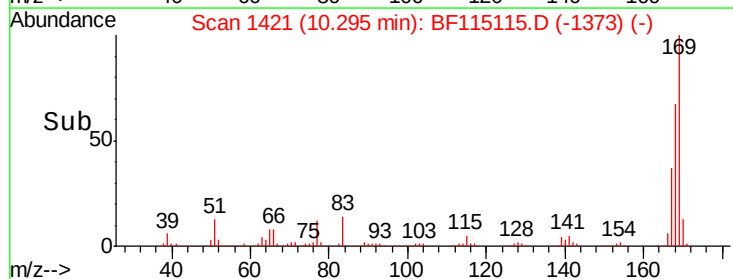
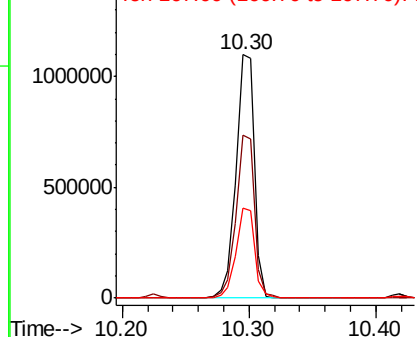


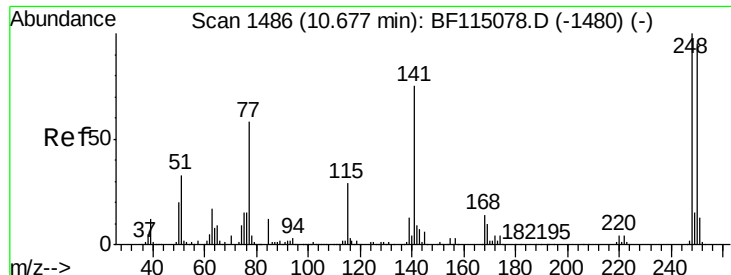
#66
n-Nitrosodiphenylamine
Concen: 34.153 ng
RT: 10.30 min Scan# 1421
Delta R.T. -0.02 min
Lab File: BF115115.D
Acq: 22 Jun 2019 12:50

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



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

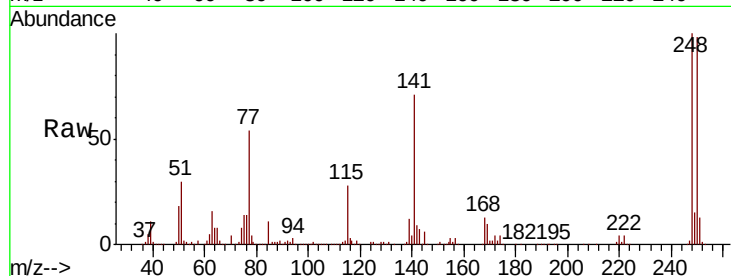




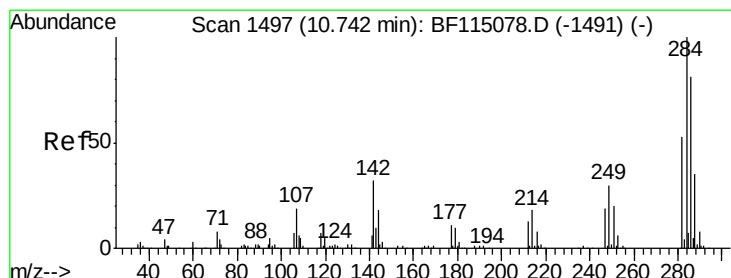
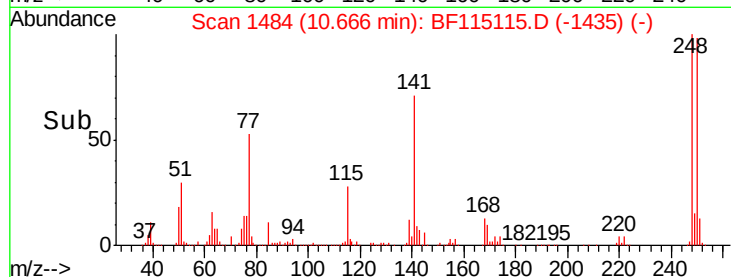
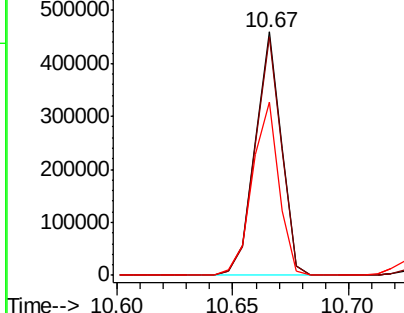
#67
4-Bromophenyl-phenylether
Concen: 33.273 ng
RT: 10.67 min Scan# 1484
Delta R.T. -0.01 min
Lab File: BF115115.D
Acq: 22 Jun 2019 12:50

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

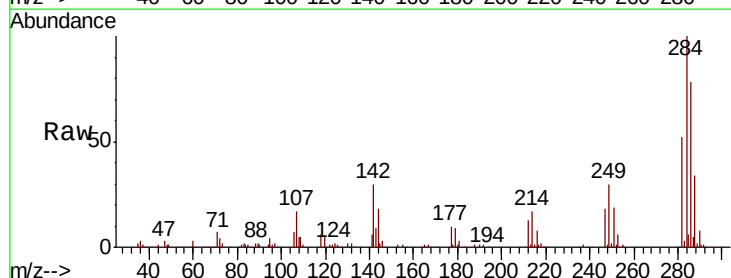


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

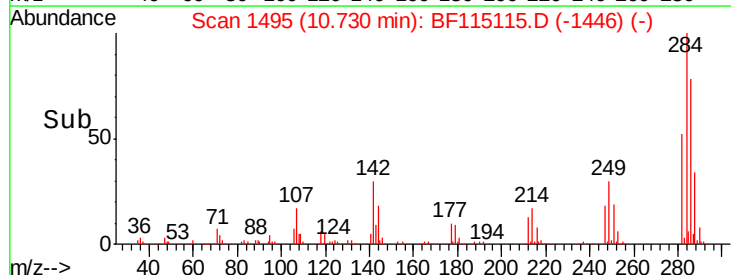
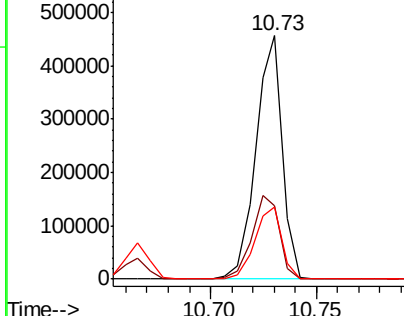


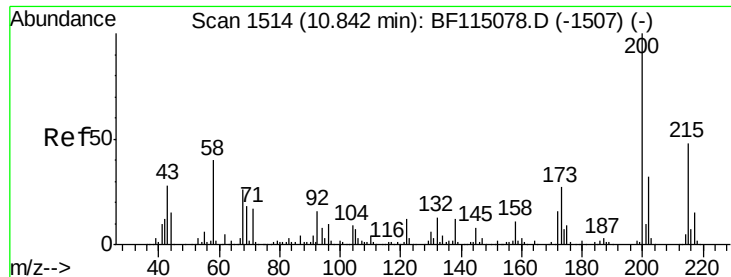
#68
Hexachlorobenzene
Concen: 33.222 ng
RT: 10.73 min Scan# 1495
Delta R.T. -0.01 min
Lab File: BF115115.D
Acq: 22 Jun 2019 12:50

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

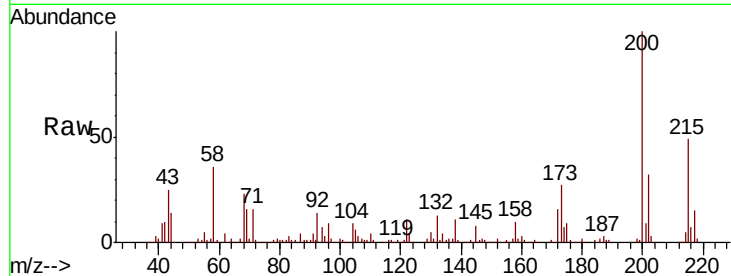




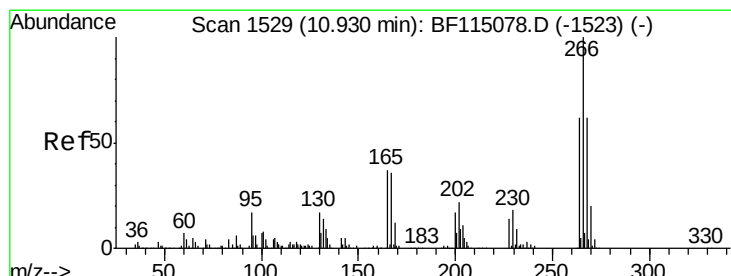
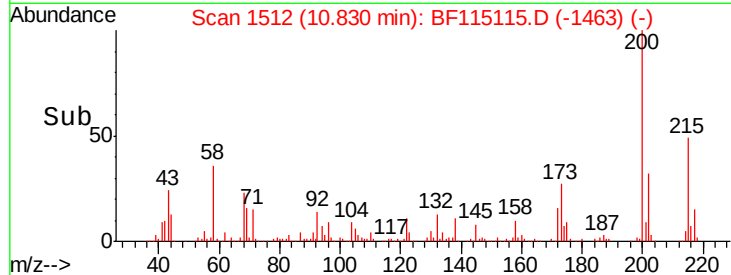
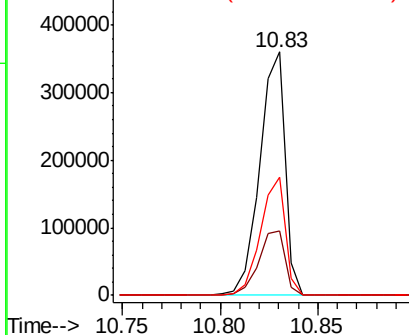
#69
 Atrazine
 Concen: 31.955 ng
 RT: 10.83 min Scan# 1512
 Delta R.T. -0.01 min
 Lab File: BF115115.D
 Acq: 22 Jun 2019 12:50

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

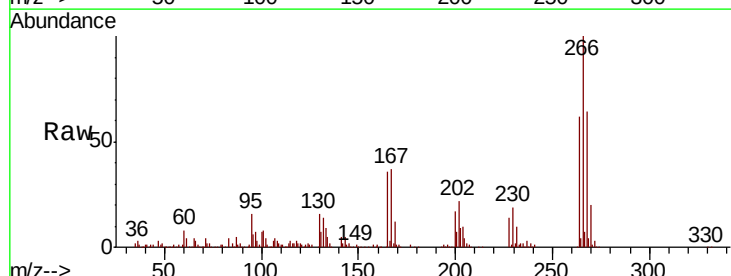


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

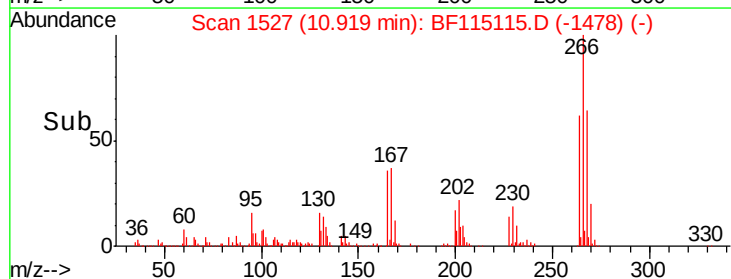
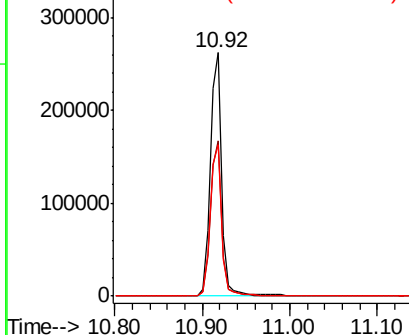


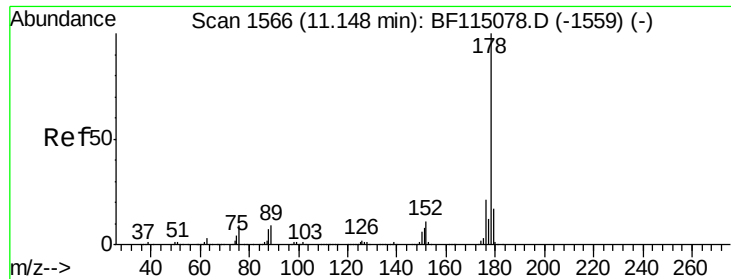
#70
 Pentachlorophenol
 Concen: 31.307 ng
 RT: 10.92 min Scan# 1527
 Delta R.T. -0.01 min
 Lab File: BF115115.D
 Acq: 22 Jun 2019 12:50

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

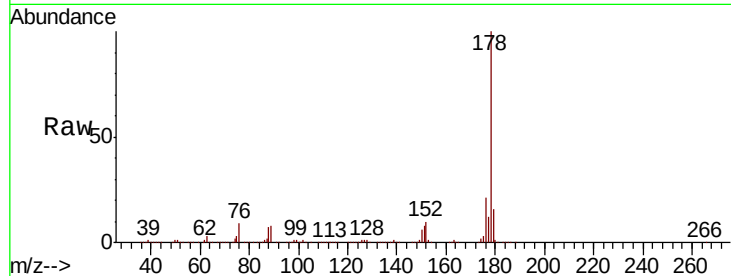




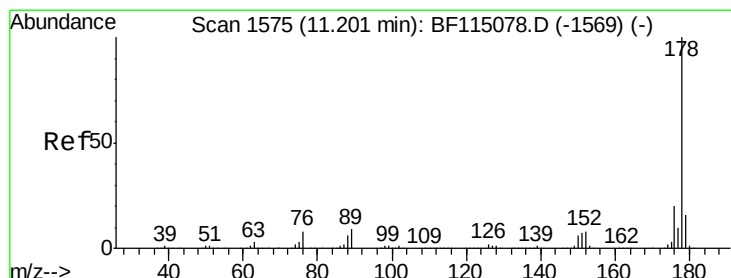
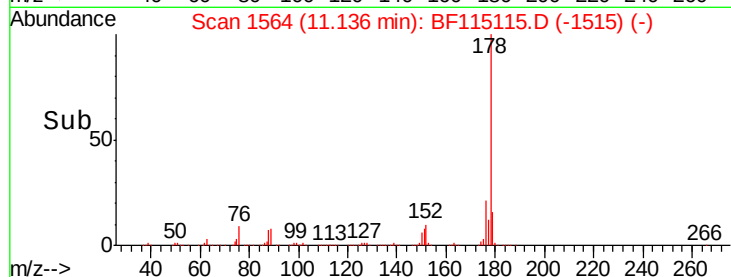
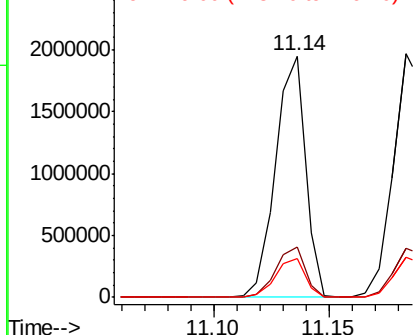
#71
 Phenanthrene
 Concen: 32.122 ng
 RT: 11.14 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF115115.D
 Acq: 22 Jun 2019 12:50

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

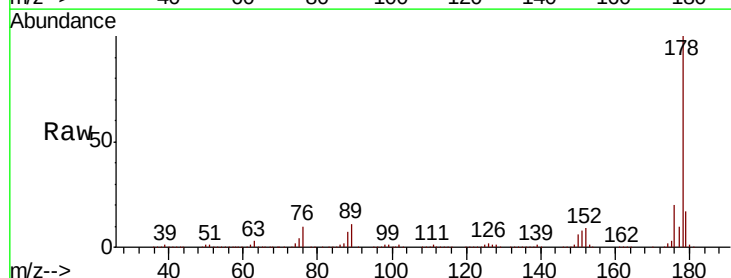


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

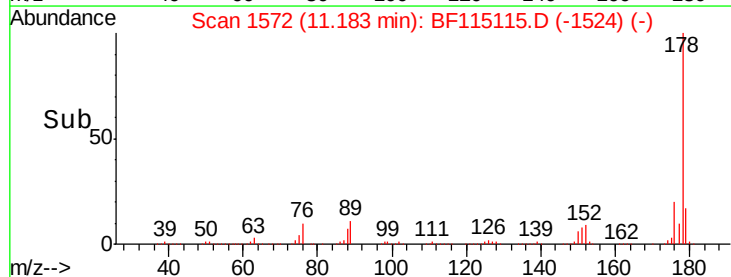
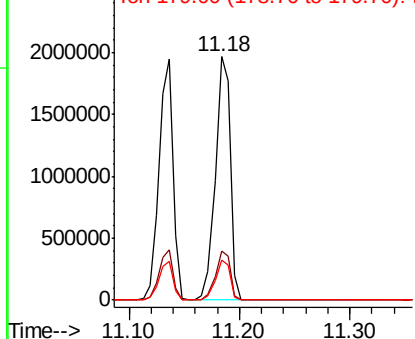


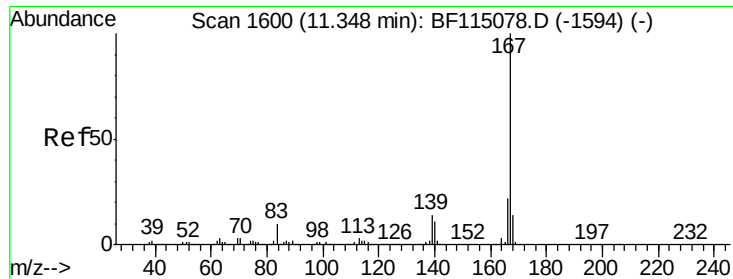
#72
 Anthracene
 Concen: 33.226 ng
 RT: 11.18 min Scan# 1572
 Delta R.T. -0.02 min
 Lab File: BF115115.D
 Acq: 22 Jun 2019 12:50

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



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

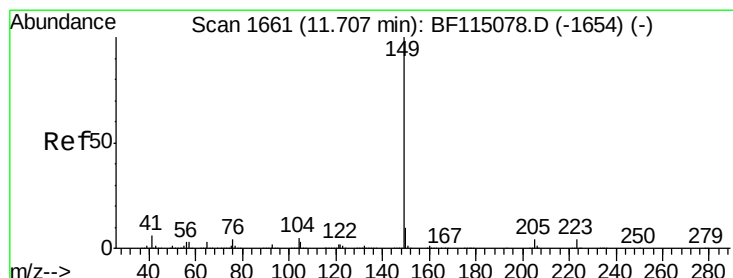
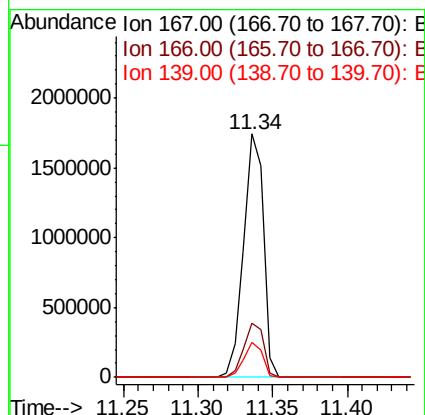
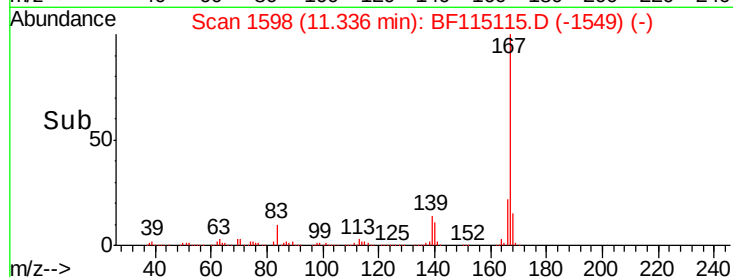
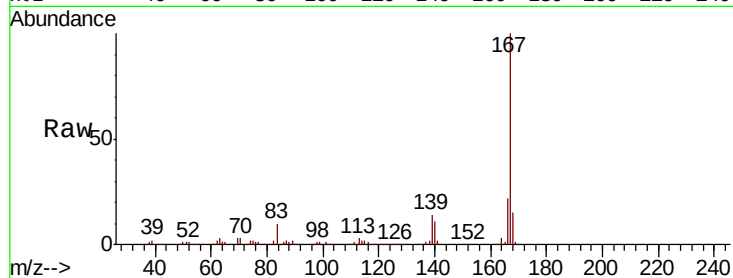




#73
 Carbazole
 Concen: 32.855 ng
 RT: 11.34 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BF115115.D
 Acq: 22 Jun 2019 12:50

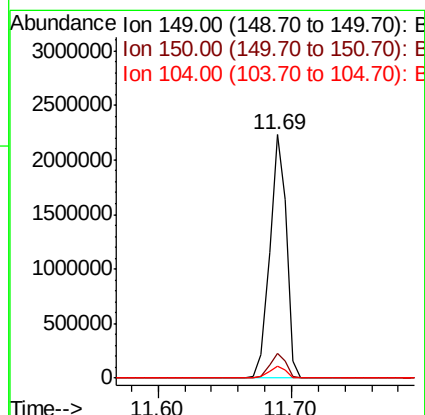
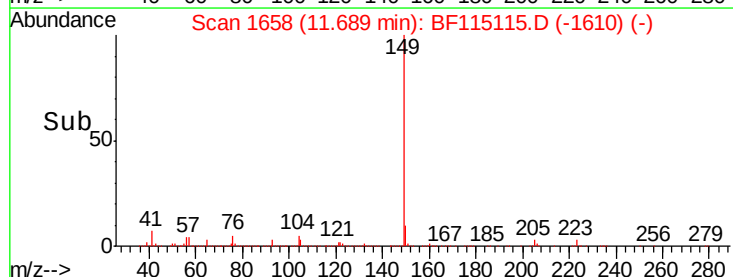
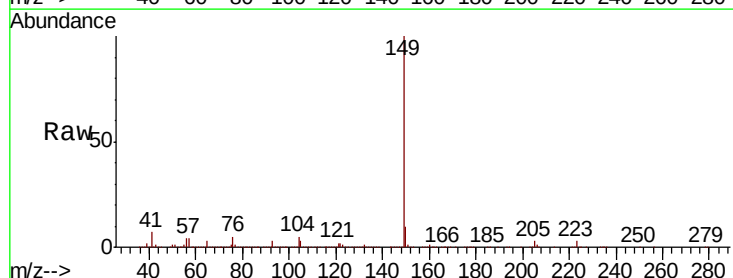
Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-008-AMSD

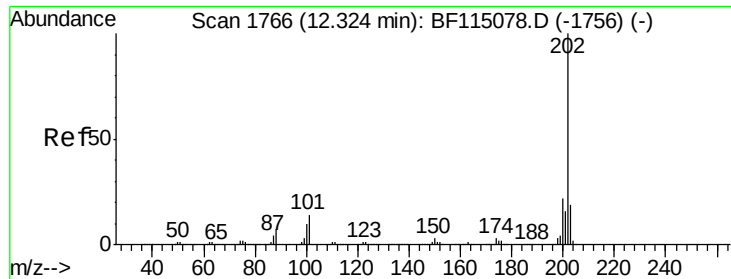
Tot Ion:167 Resp: 1619193
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.0 27.0
 139 14.2 11.1 16.7



#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

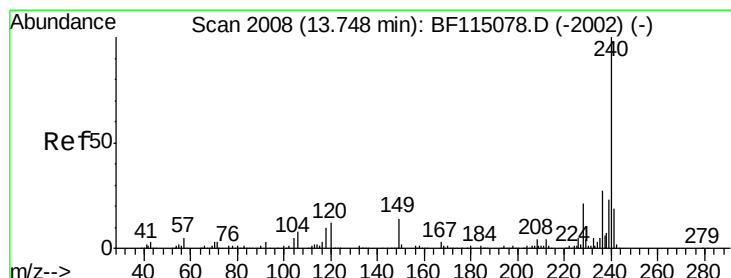
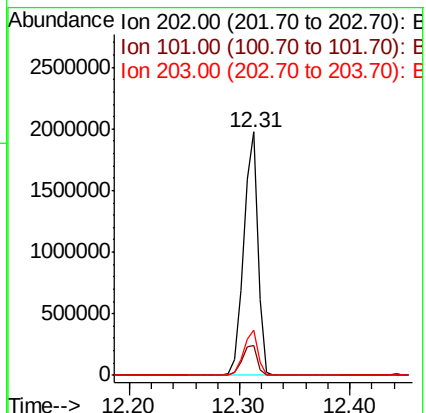
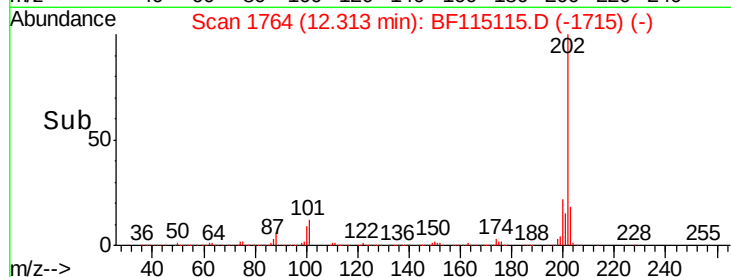
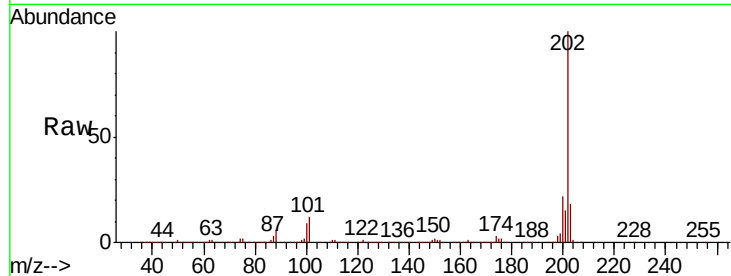
Tot Ion:202 Resp: 1790030

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

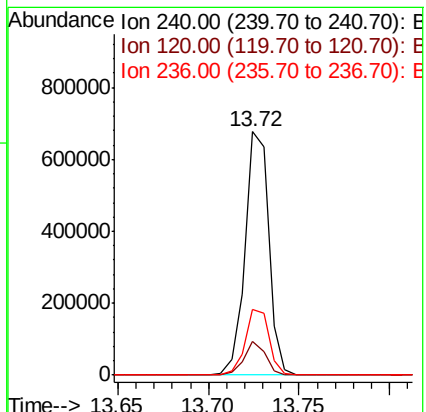
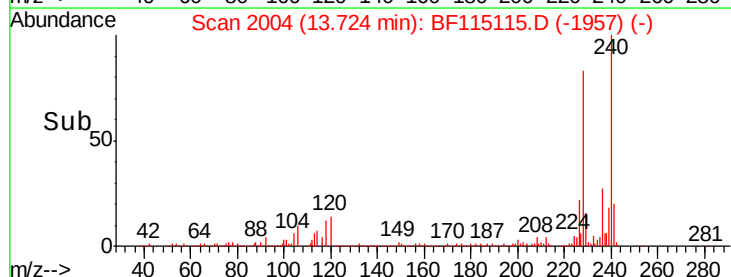
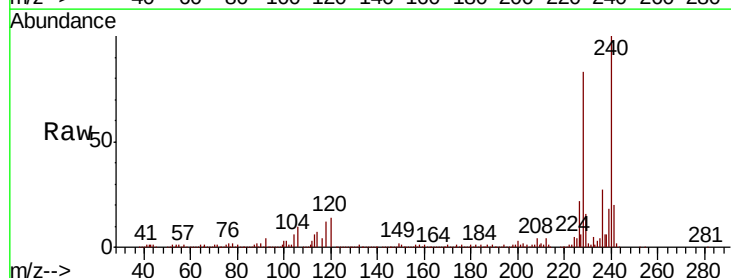
Tgt Ion:240 Resp: 615533

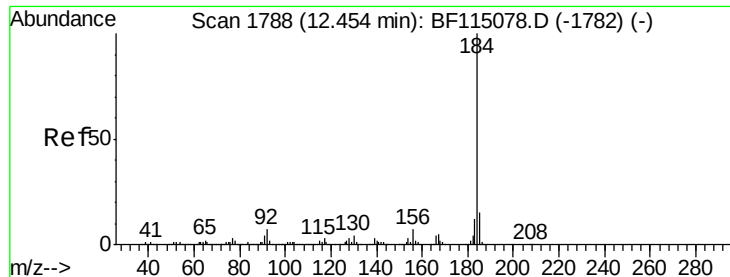
Ion Ratio Lower Upper

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

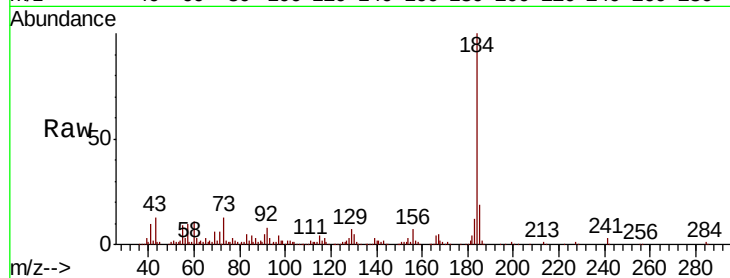
Tot Ion:184 Resp: 390277

Ion Ratio Lower Upper

184 100

185 18.8 12.2 18.2#

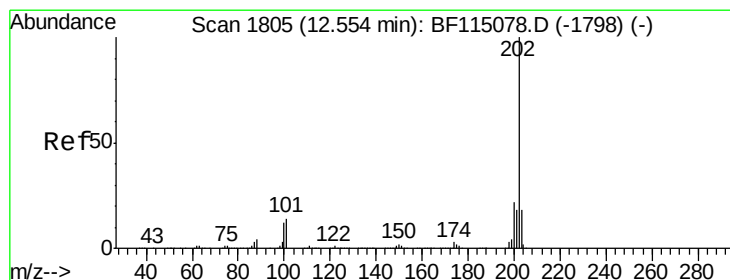
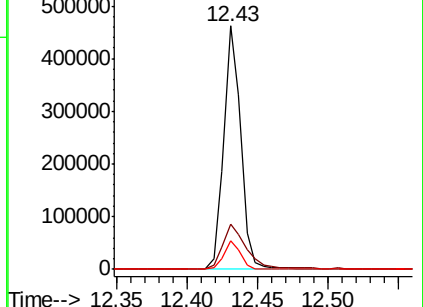
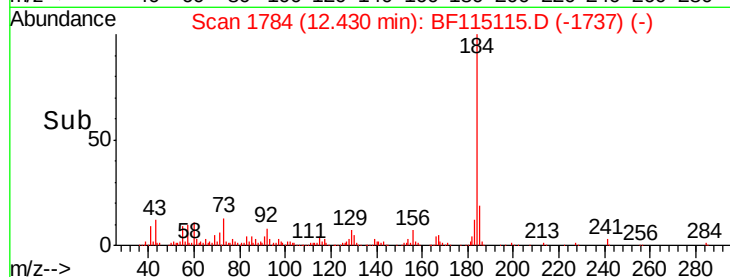
183 11.7 9.6 14.4



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

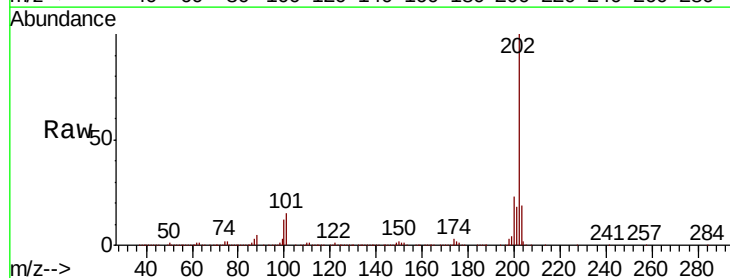
Tgt Ion:202 Resp: 1792347

Ion Ratio Lower Upper

202 100

200 23.1 17.9 26.9

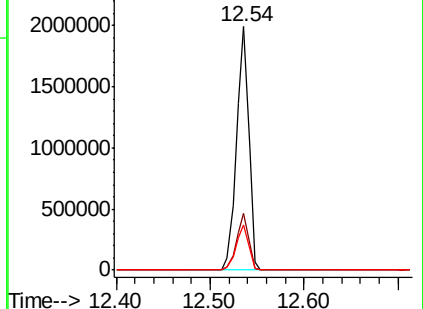
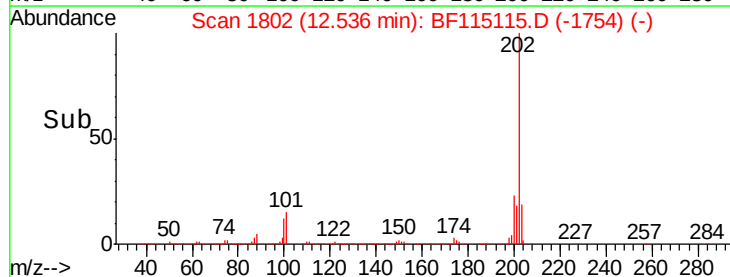
203 18.6 14.6 21.8

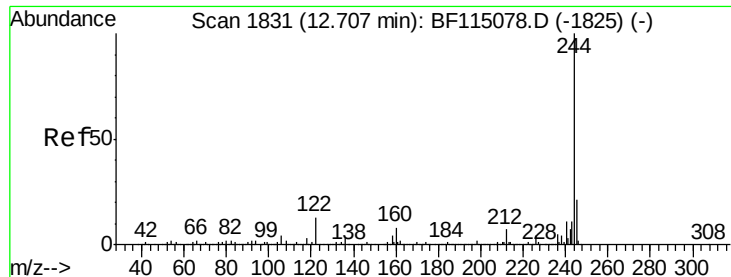


Abundance Ion 202.00 (201.70 to 202.70): E

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

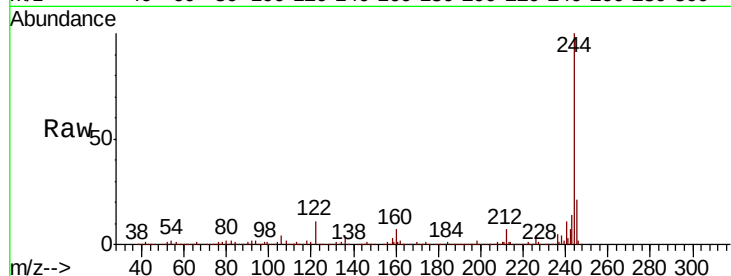
Tot Ion:244 Resp: 2434126

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

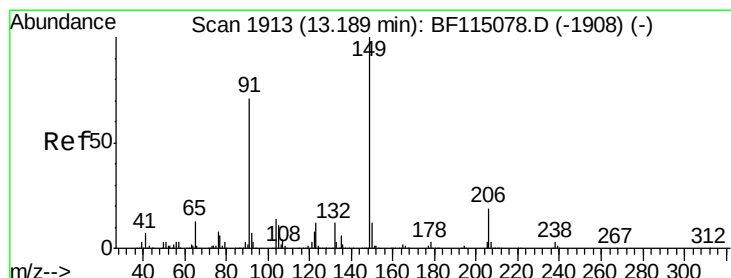
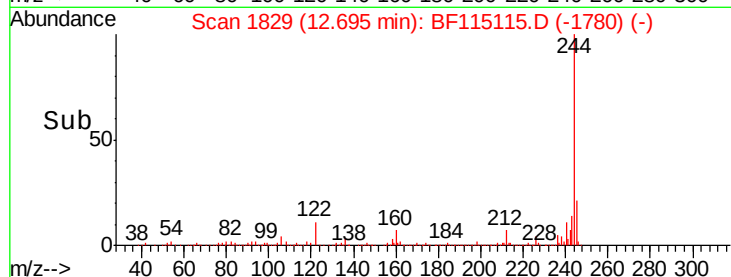
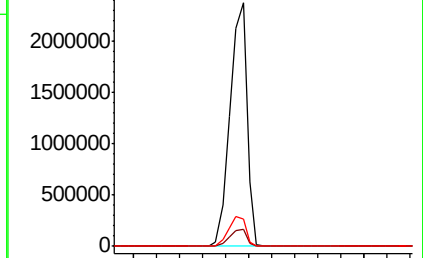
122 11.5 10.4 15.6



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

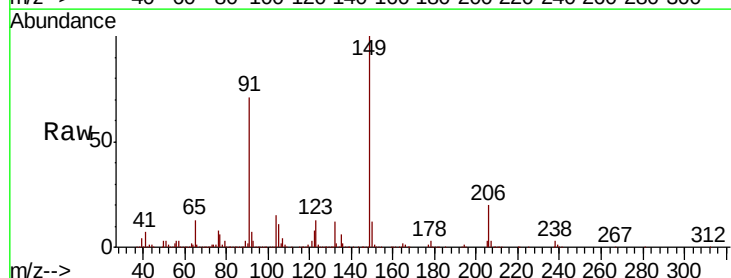
Tgt Ion:149 Resp: 769635

Ion Ratio Lower Upper

149 100

91 70.5 56.5 84.7

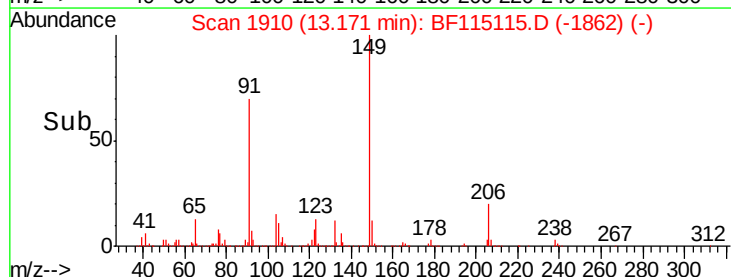
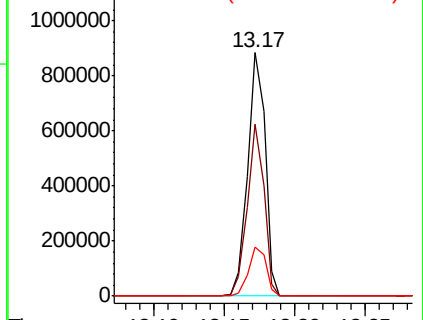
206 20.0 15.3 22.9

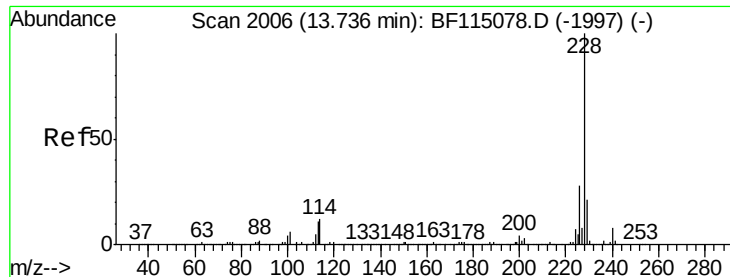


Abundance Ion 149.00 (148.70 to 149.70): E

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 :

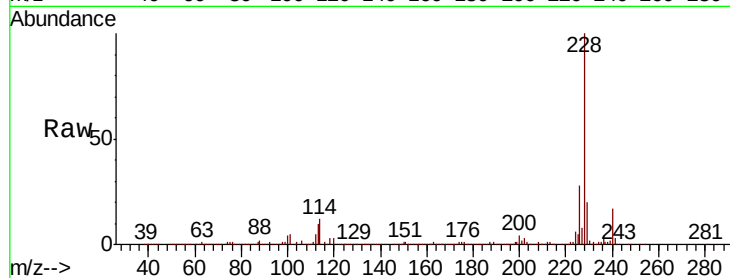
BNA_F

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

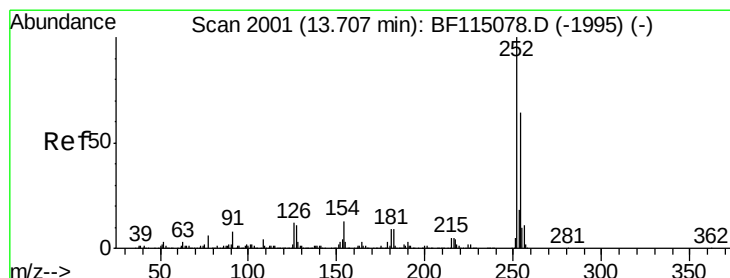
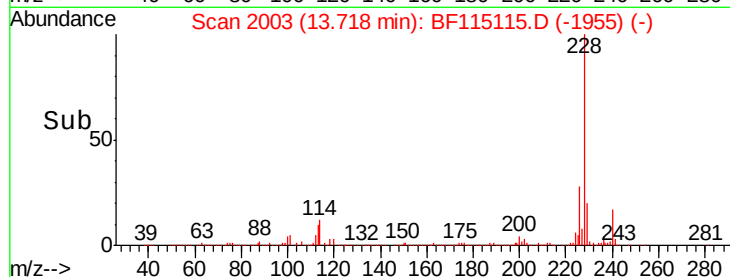
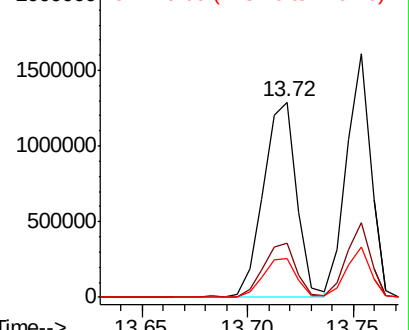


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 22.409 ng

RT: 13.68 min Scan# 1997

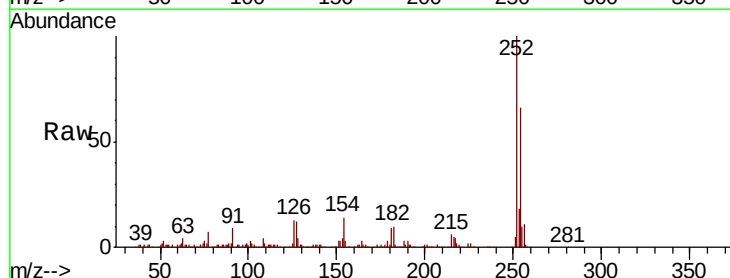
Delta R.T. -0.02 min

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

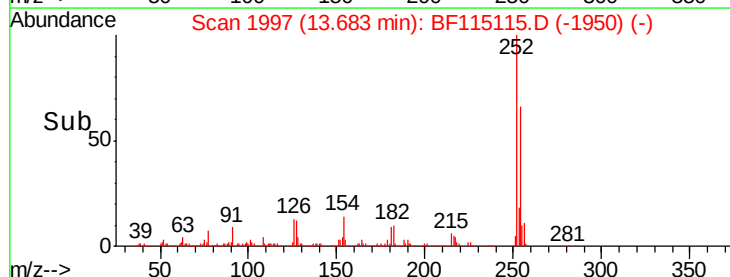
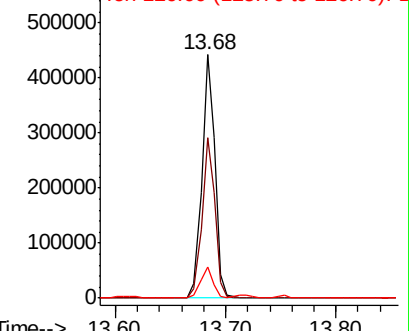


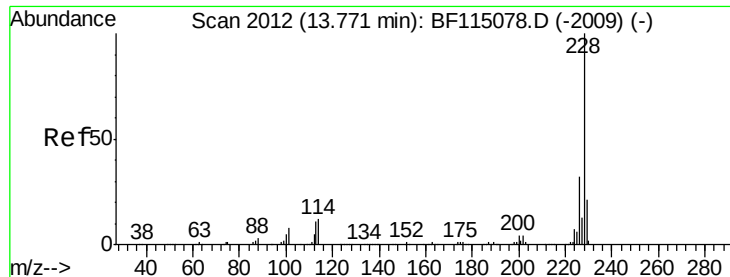
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 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 :

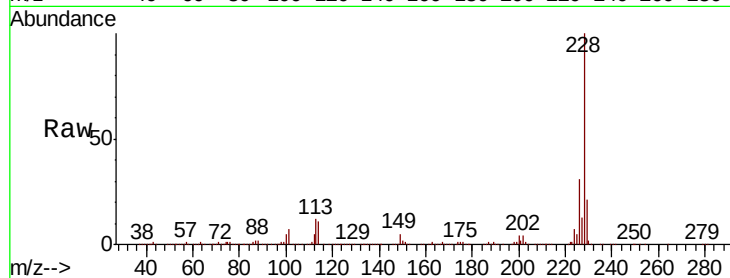
BNA_F

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

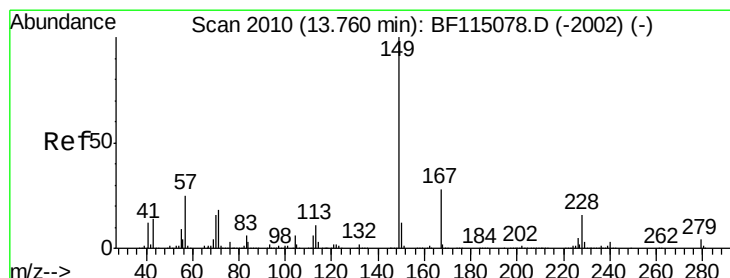
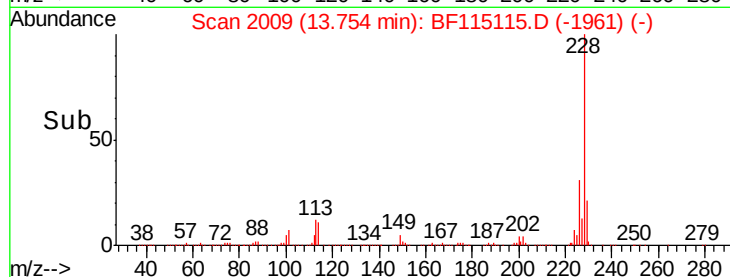
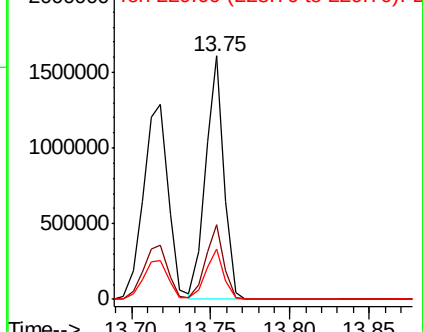


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 35.442 ng

RT: 13.74 min Scan# 2007

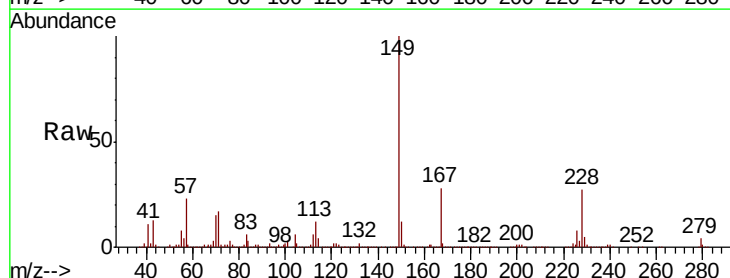
Delta R.T. -0.02 min

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

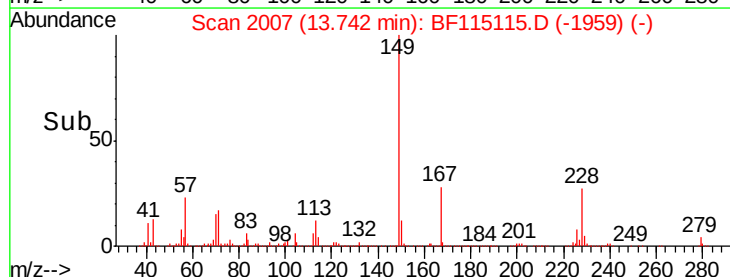
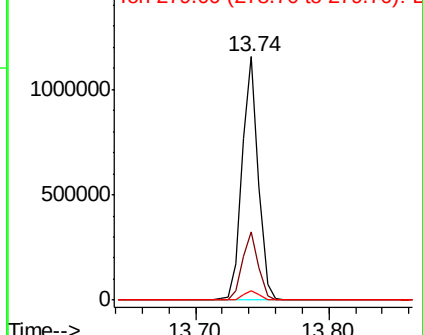


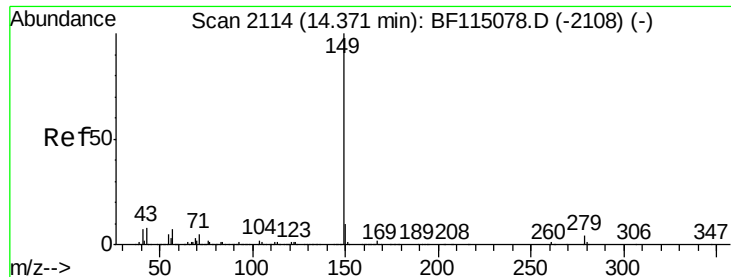
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

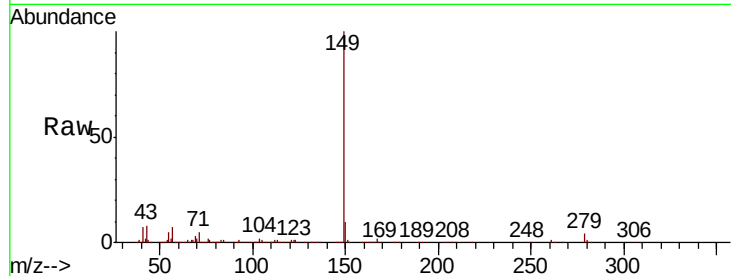




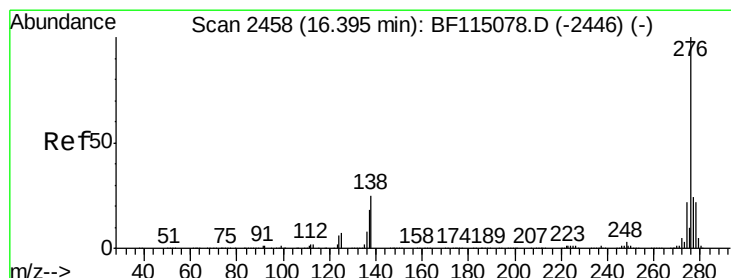
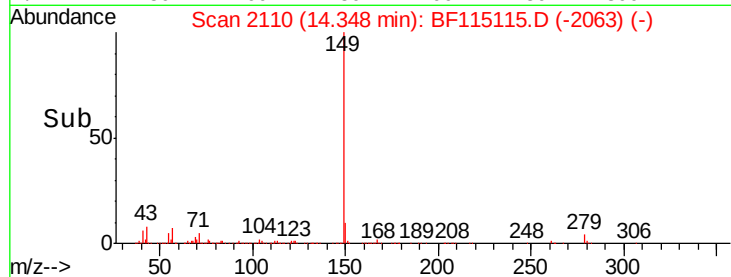
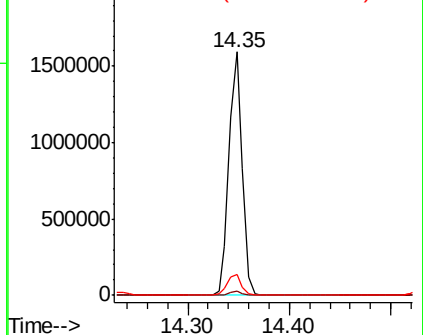
#85
Di-n-octyl phthalate
Concen: 31.471 ng
RT: 14.35 min Scan# 2110
Delta R.T. -0.02 min
Lab File: BF115115.D
Acq: 22 Jun 2019 12:50

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

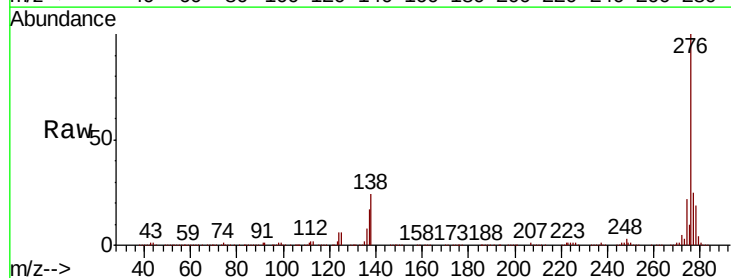


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

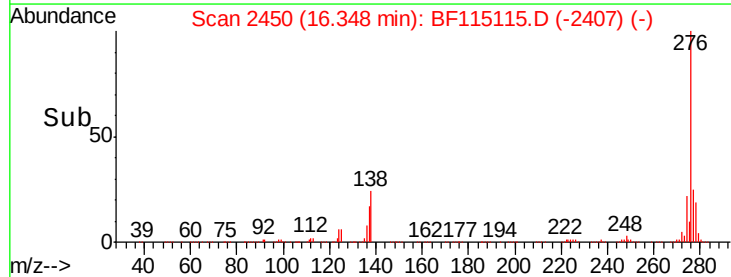
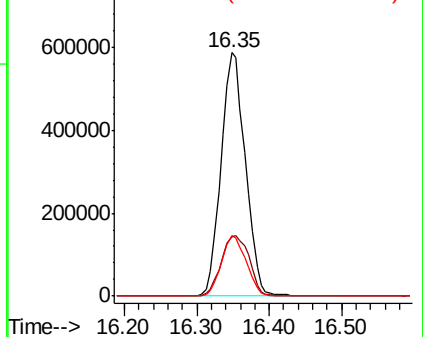


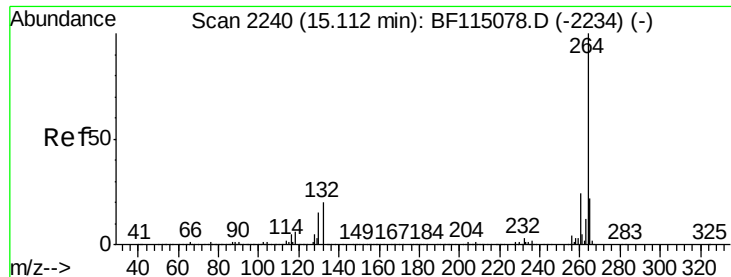
#86
Indeno(1,2,3-cd)pyrene
Concen: 28.546 ng
RT: 16.35 min Scan# 2450
Delta R.T. -0.05 min
Lab File: BF115115.D
Acq: 22 Jun 2019 12:50

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

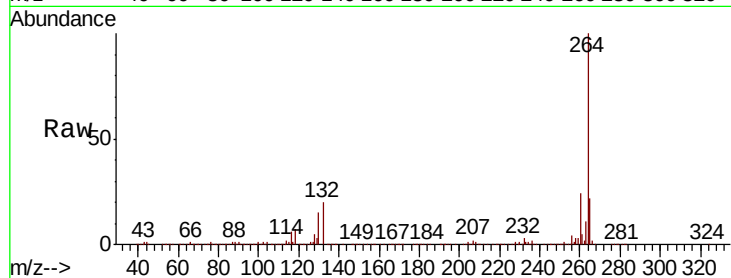
Tot Ion:264 Resp: 593740

Ion Ratio Lower Upper

264 100

260 23.6 19.6 29.4

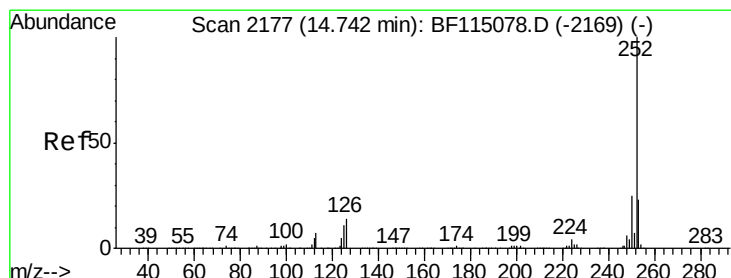
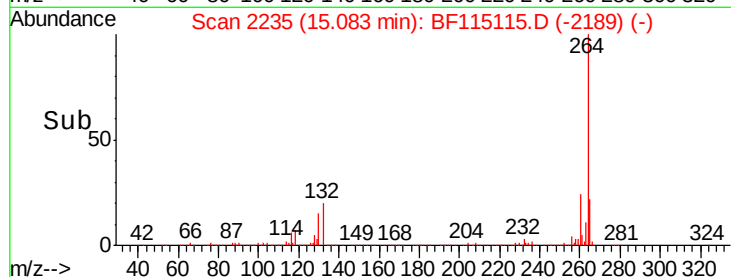
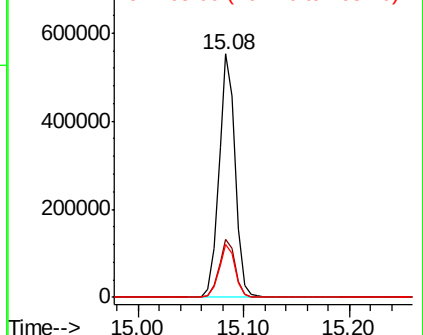
265 21.9 17.3 25.9



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

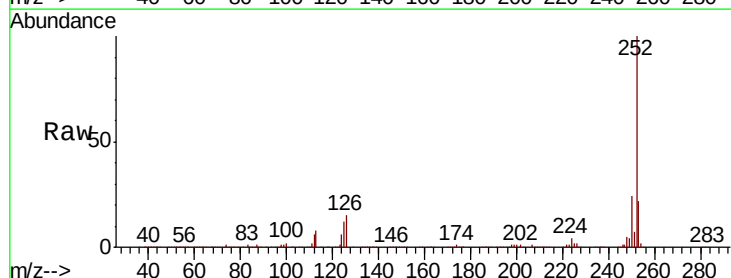
Tgt Ion:252 Resp: 1194800

Ion Ratio Lower Upper

252 100

253 22.2 18.1 27.1

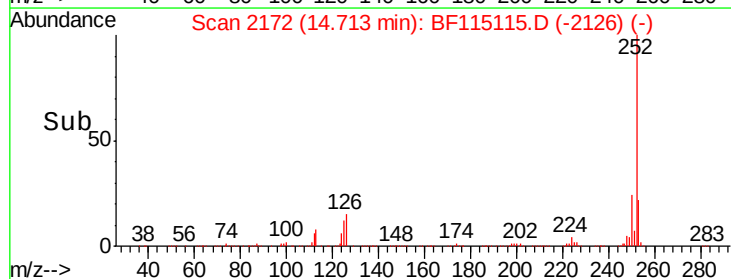
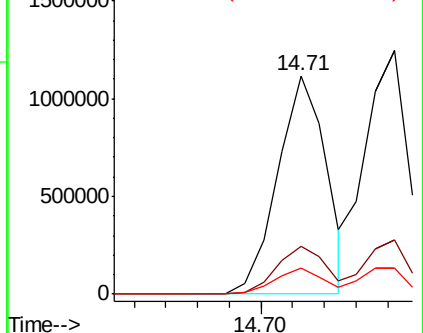
125 11.9 8.7 13.1

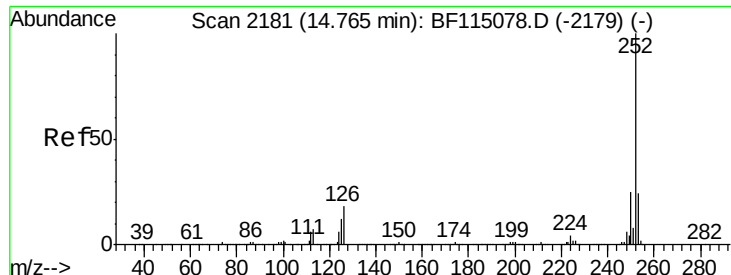


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

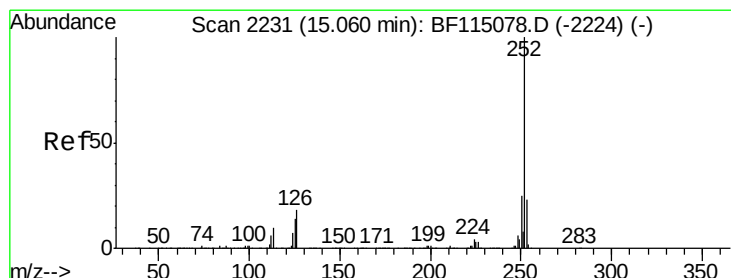
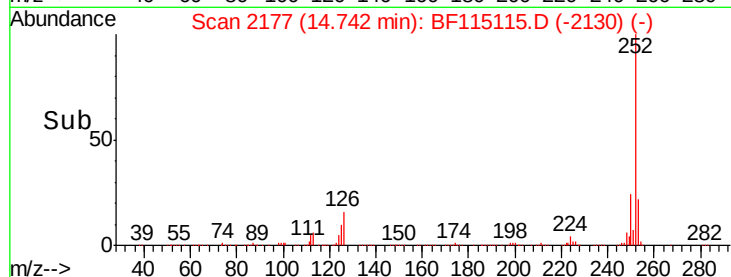
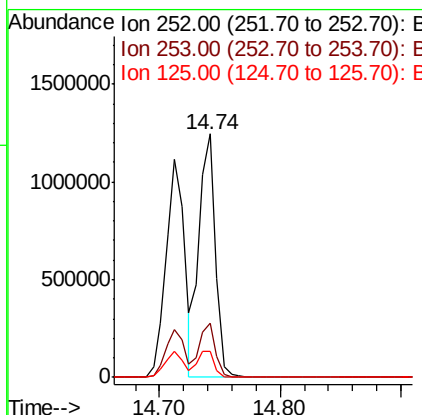
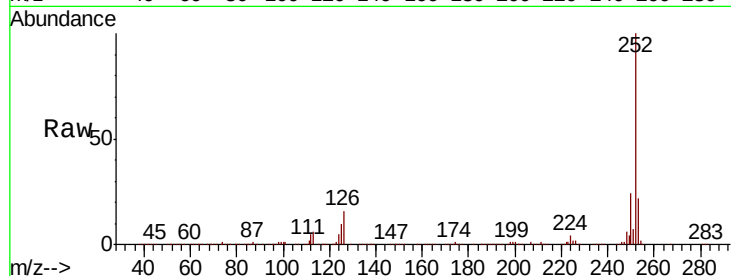




#89
Benzo(k)fluoranthene
Concen: 35.659 ng
RT: 14.74 min Scan# 2177
Delta R.T. -0.02 min
Lab File: BF115115.D
Acq: 22 Jun 2019 12:50

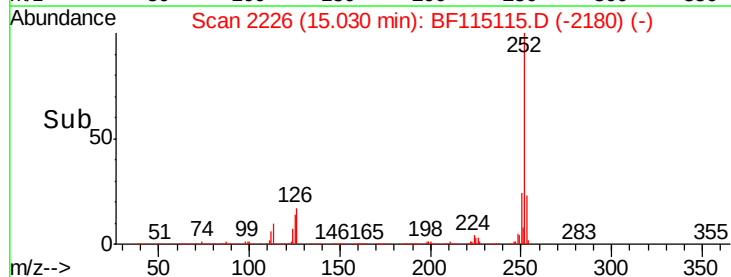
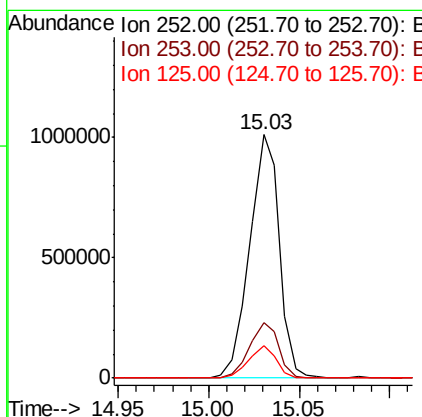
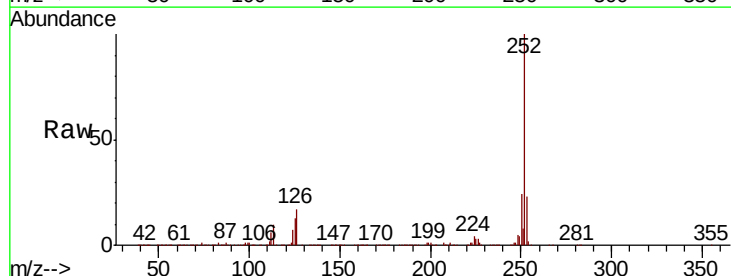
Instrument :
BNA_F
ClientSampleId :
FK-SF-03-008-AMSD

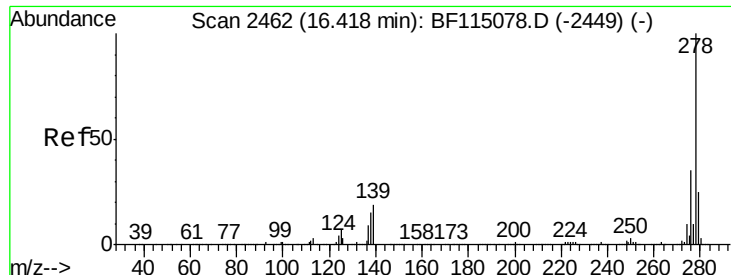
Tot Ion:252 Resp: 1184722
Ion Ratio Lower Upper
252 100
253 22.2 18.9 28.3
125 10.5 10.2 15.2



#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



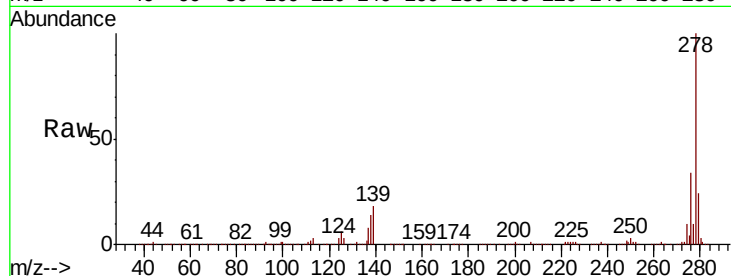


#91
Dibenzo(a,h)anthracene
Concen: 36.812 ng
RT: 16.37 min Scan# 2454
Delta R.T. -0.05 min
Lab File: BF115115.D
Acq: 22 Jun 2019 12:50

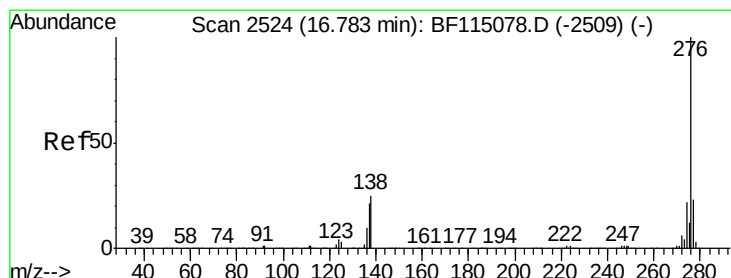
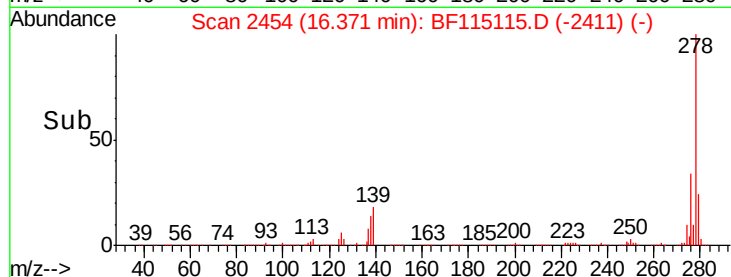
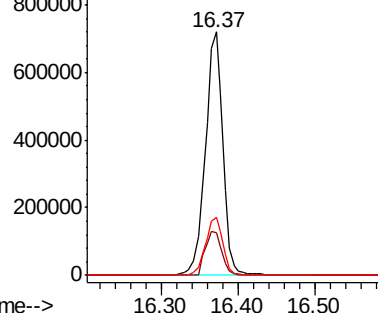
Instrument :
BNA_F
ClientSampleId :
FK-SF-03-008-AMSD

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



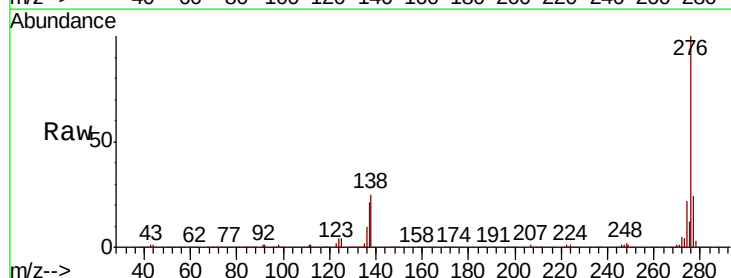
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#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

