

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062219\
 Data File : BF115114.D
 Acq On : 22 Jun 2019 12:23
 Operator : HP/JU
 Sample : K3440-01MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Jun 25 13:35:09 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	258986	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	1000503	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	496588	20.00	ng	-0.01
64) Phenanthrene-d10	11.11	188	980639	20.00	ng	-0.01
76) Chrysene-d12	13.73	240	609539	20.00	ng	-0.02
87) Perylene-d12	15.08	264	574091	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.22	112	1869832	111.41	ng	0.01
7) Phenol-d6	6.26	99	2384966	117.08	ng	0.00
23) Nitrobenzene-d5	7.18	82	1454218	89.41	ng	0.00
42) 2,4,6-Tribromophenol	10.42	330	587466	112.18	ng	0.00
45) 2-Fluorobiphenyl	8.97	172	2612683	89.37	ng	-0.01
79) Terphenyl-d14	12.70	244	2757801	96.20	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.26	88	242258	30.586	ng	100
3) Pyridine	2.93	79	578161	25.898	ng	99
4) n-Nitrosodimethylamine	2.85	42	308751	35.279	ng	97
6) Aniline	6.27	93	727670	25.992	ng	# 8
8) 2-Chlorophenol	6.40	128	711504	37.703	ng	97
9) Benzaldehyde	6.15	77	513699	38.654	ng	100
10) Phenol	6.27	94	865455	36.271	ng	95
11) bis(2-Chloroethyl)ether	6.35	93	645050	36.674	ng	98
12) 1,3-Dichlorobenzene	6.55	146	738663	35.269	ng	99
13) 1,4-Dichlorobenzene	6.63	146	759420	36.160	ng	100
14) 1,2-Dichlorobenzene	6.78	146	702289	36.109	ng	99
15) Benzyl Alcohol	6.76	79	564653	38.068	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.90	45	913068	35.792	ng	99
17) 2-Methylphenol	6.88	107	595858	38.253	ng	100
18) Hexachloroethane	7.12	117	268275	35.432	ng	94
19) n-Nitroso-di-n-propylamine	7.04	70	471285	36.138	ng	97
20) 3+4-Methylphenols	7.03	107	690095	38.368	ng	92
22) Acetophenone	7.02	105	921241	40.220	ng	# 99
24) Nitrobenzene	7.20	77	719613	40.161	ng	99
25) Isophorone	7.44	82	1310385	39.330	ng	99
26) 2-Nitrophenol	7.51	139	373330	42.190	ng	97
27) 2,4-Dimethylphenol	7.55	122	649161	44.807	ng	98
28) bis(2-Chloroethoxy)methane	7.65	93	830250	39.426	ng	100
29) 2,4-Dichlorophenol	7.75	162	611701	40.913	ng	96
30) 1,2,4-Trichlorobenzene	7.84	180	643348	38.955	ng	99
31) Naphthalene	7.91	128	1980201	40.320	ng	99
33) 4-Chloroaniline	7.96	127	533008	23.747	ng	99
34) Hexachlorobutadiene	8.04	225	345078	38.129	ng	98
35) Caprolactam	8.34	113	176846m	35.181	ng	
36) 4-Chloro-3-methylphenol	8.45	107	621961	41.076	ng	100
37) 2-Methylnaphthalene	8.61	142	1357408	40.992	ng	98
38) 1-Methylnaphthalene	8.70	142	1280778	40.497	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	555113	39.558	ng	99
41) Hexachlorocyclopentadiene	8.77	237	632014	75.955	ng	99

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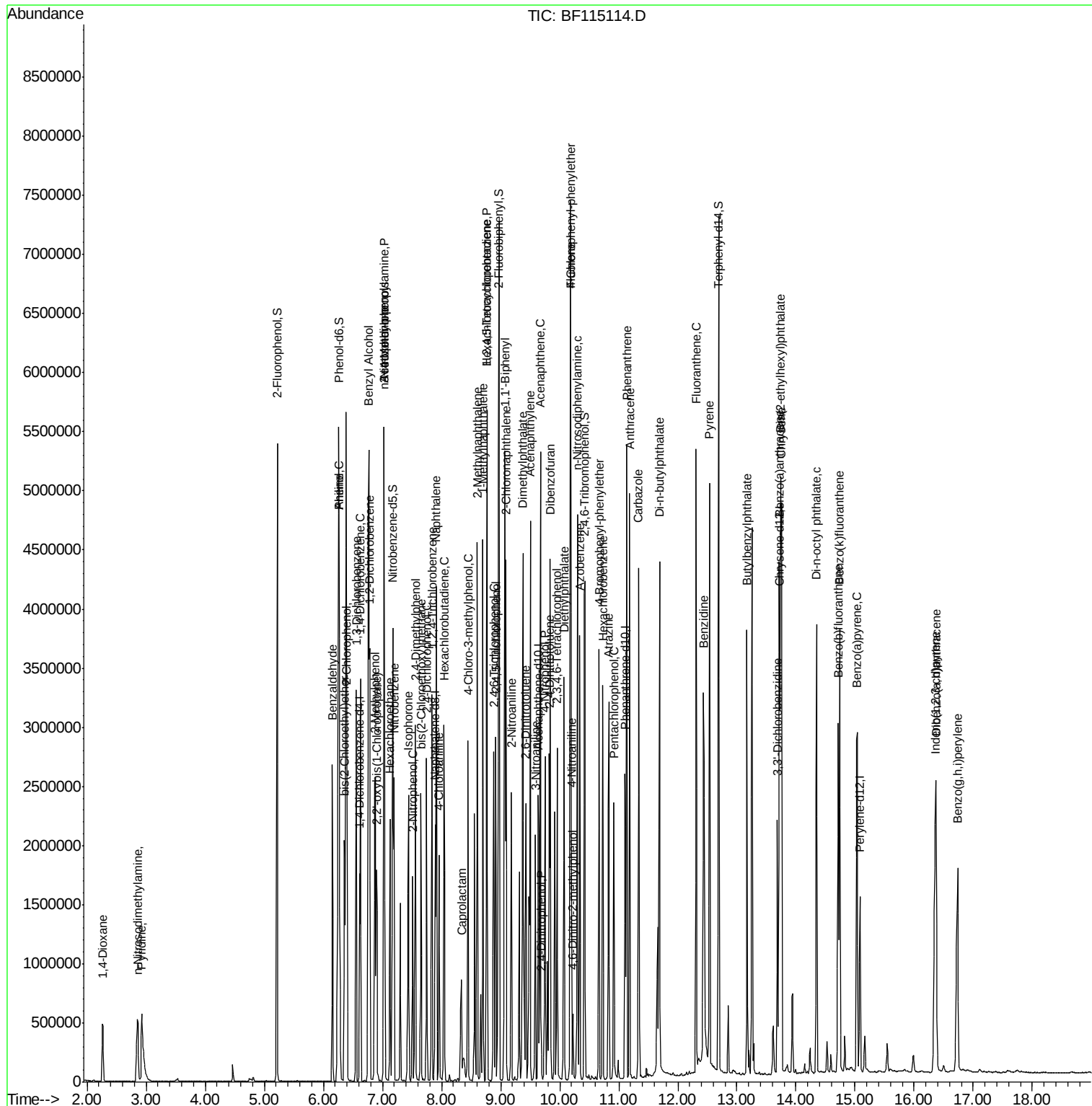
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	8.88	196	418070	38.590	ng	98
44) 2,4,5-Trichlorophenol	8.92	196	443623	39.763	ng	98
46) 1,1'-Biphenyl	9.07	154	1588594	39.981	ng	99
47) 2-Chloronaphthalene	9.09	162	1293556	40.135	ng	98
48) 2-Nitroaniline	9.18	65	393217	41.847	ng	90
49) Acenaphthylene	9.50	152	2043868	40.701	ng	99
50) Dimethylphthalate	9.38	163	1773913	48.554	ng	100
51) 2,6-Dinitrotoluene	9.43	165	358239	42.472	ng	89
52) Acenaphthene	9.67	154	1196055	38.063	ng	99
53) 3-Nitroaniline	9.59	138	324182	31.495	ng	96
54) 2,4-Dinitrophenol	9.69	184	28330	13.272	ng	94
55) Dibenzofuran	9.84	168	1790342	39.697	ng	98
56) 4-Nitrophenol	9.75	139	547073	66.295	ng	96
57) 2,4-Dinitrotoluene	9.82	165	471346	43.278	ng	93
58) Fluorene	10.18	166	1237058	40.546	ng	98
59) 2,3,4,6-Tetrachlorophenol	9.96	232	313542	33.516	ng	99
60) Diethylphthalate	10.07	149	1477893	40.242	ng	100
61) 4-Chlorophenyl-phenylether	10.18	204	590932	40.773	ng	99
62) 4-Nitroaniline	10.20	138	407901	39.502	ng	97
63) Azobenzene	10.34	77	1388540	40.479	ng	99
65) 4,6-Dinitro-2-methylphenol	10.22	198	63464	15.866	ng	77
66) n-Nitrosodiphenylamine	10.30	169	1258197	41.183	ng	99
67) 4-Bromophenyl-phenylether	10.67	248	425052	39.978	ng	97
68) Hexachlorobenzene	10.73	284	458481	39.728	ng	99
69) Atrazine	10.83	200	375491	38.207	ng	99
70) Pentachlorophenol	10.92	266	280112	38.099	ng	97
71) Phenanthrene	11.14	178	2031703	38.480	ng	100
72) Anthracene	11.19	178	2079264	39.013	ng	100
73) Carbazole	11.34	167	1866356	39.216	ng	99
74) Di-n-butylphthalate	11.69	149	2216227	40.298	ng	99
75) Fluoranthene	12.31	202	2051726	38.947	ng	99
77) Benzidine	12.44	184	558089	20.620	ng	# 91
78) Pyrene	12.54	202	2112808	45.104	ng	99
80) Butylbenzylphthalate	13.17	149	928993	44.939	ng	100
81) Benzo(a)anthracene	13.72	228	1714992	39.212	ng	100
82) 3,3'-Dichlorobenzidine	13.68	252	457663	28.977	ng	99
83) Chrysene	13.75	228	1567225	39.119	ng	100
84) Bis(2-ethylhexyl)phthalate	13.74	149	1168860	43.151	ng	100
85) Di-n-octyl phthalate	14.35	149	1755931	38.582	ng	100
86) Indeno(1,2,3-cd)pyrene	16.35	276	1592617	33.595	ng	99
88) Benzo(b)fluoranthene	14.71	252	1558582	43.510	ng	99
89) Benzo(k)fluoranthene	14.74	252	1284535	39.986	ng	98
90) Benzo(a)pyrene	15.04	252	1369953	42.431	ng	97
91) Dibenzo(a,h)anthracene	16.37	278	1325976	43.992	ng	99
92) Benzo(g,h,i)perylene	16.74	276	1341223	43.965	ng	100

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.61 min Scan# 795

Delta R.T. -0.01 min

Lab File: BF115114.D

Acq: 22 Jun 2019 12:23

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-008-AMS

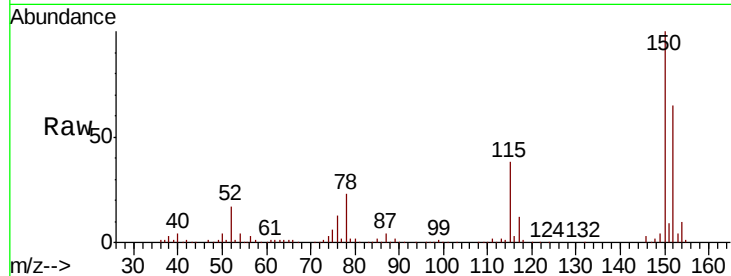
Tot Ion:152 Resp: 258986

Ion Ratio Lower Upper

152 100

150 154.6 124.2 186.2

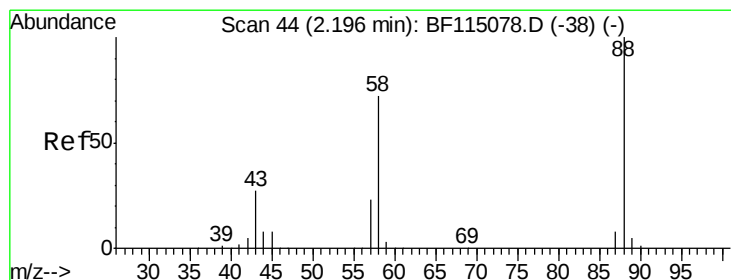
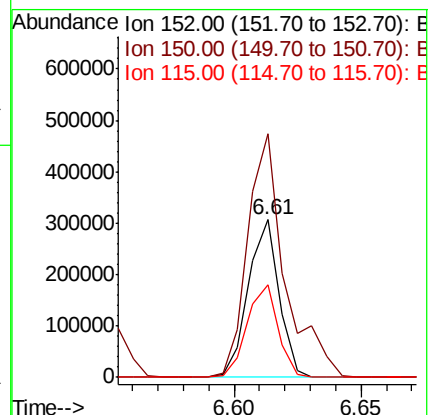
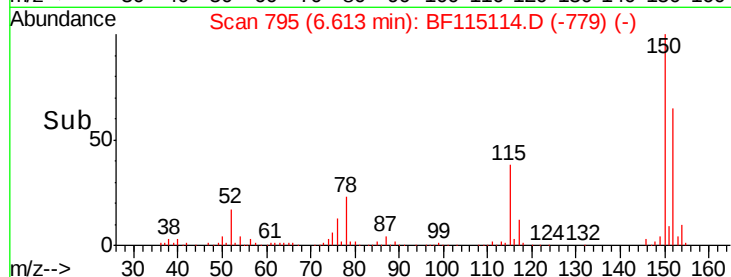
115 58.5 46.1 69.1



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



#2

1,4-Dioxane

Concen: 30.586 ng

RT: 2.26 min Scan# 55

Delta R.T. 0.06 min

Lab File: BF115114.D

Acq: 22 Jun 2019 12:23

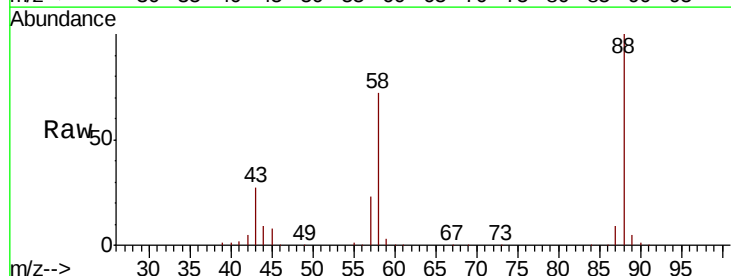
Tgt Ion: 88 Resp: 242258

Ion Ratio Lower Upper

88 100

58 70.4 56.1 84.1

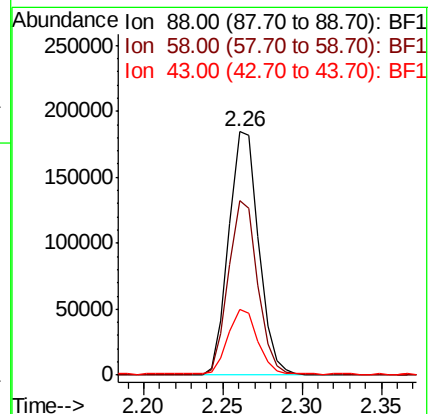
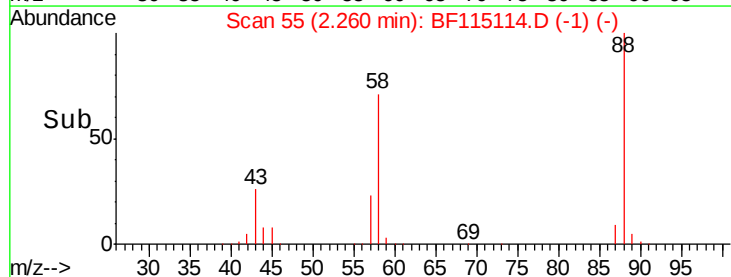
43 26.4 21.3 31.9

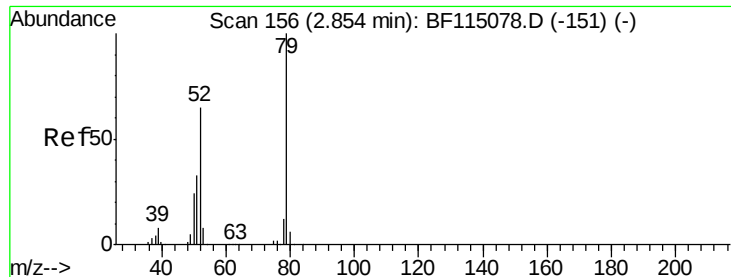


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 25.898 ng

RT: 2.93 min Scan# 168

Delta R.T. 0.07 min

Lab File: BF115114.D

Acq: 22 Jun 2019 12:23

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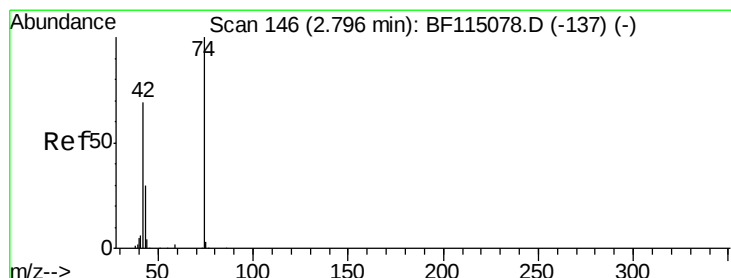
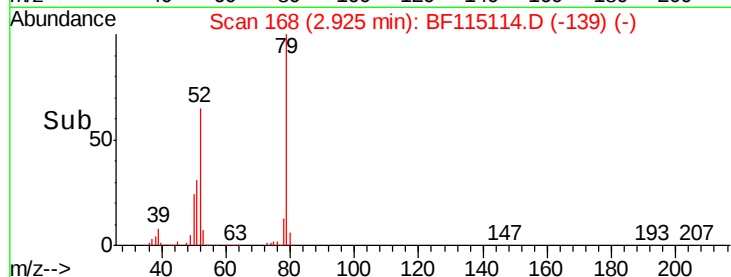
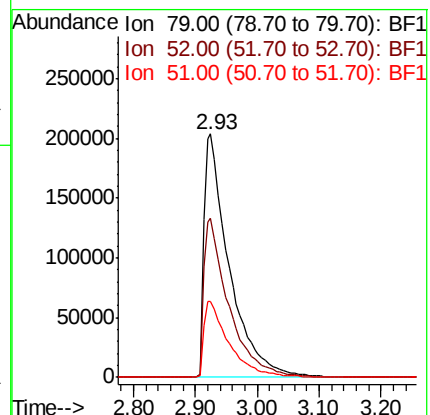
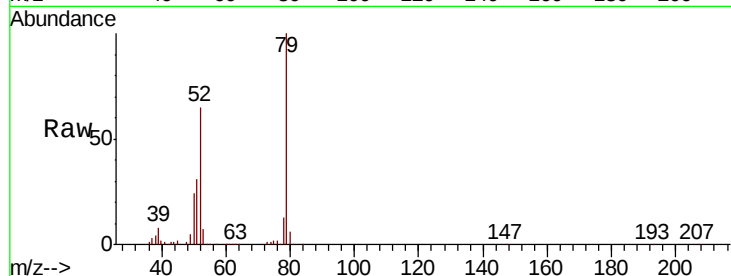
Tot Ion: 79 Resp: 578161

Ion Ratio Lower Upper

79 100

52 65.3 52.3 78.5

51 31.1 26.1 39.1



#4

n-Nitrosodimethylamine

Concen: 35.279 ng

RT: 2.85 min Scan# 156

Delta R.T. 0.06 min

Lab File: BF115114.D

Acq: 22 Jun 2019 12:23

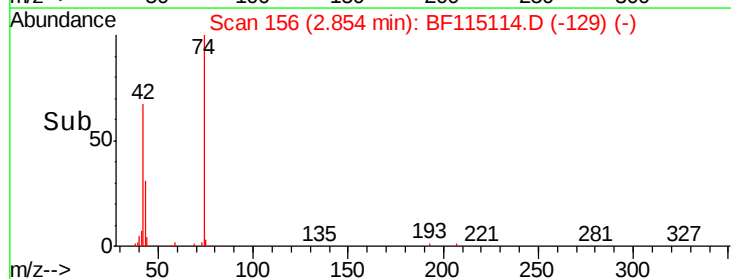
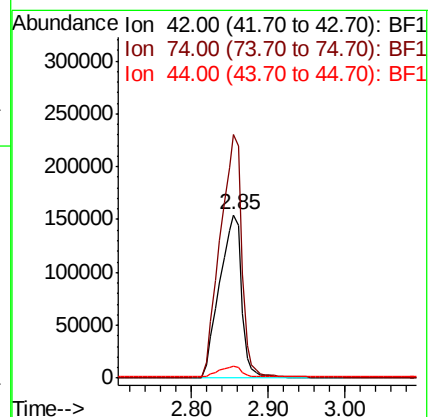
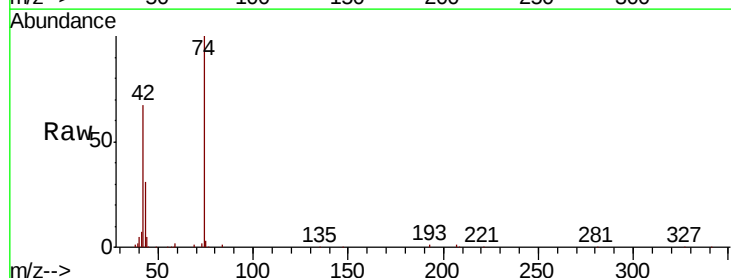
Tgt Ion: 42 Resp: 308751

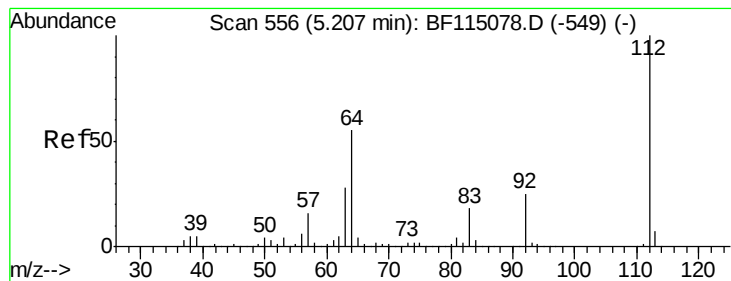
Ion Ratio Lower Upper

42 100

74 149.3 116.6 175.0

44 7.3 5.3 7.9





#5

2-Fluorophenol

Concen: 111.414 ng

RT: 5.22 min Scan# 558

Delta R.T. 0.01 min

Lab File: BF115114.D

Acq: 22 Jun 2019 12:23

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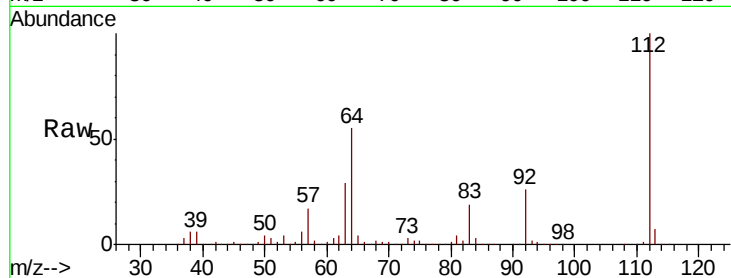
Tot Ion:112 Resp: 1869832

Ion Ratio Lower Upper

112 100

64 55.3 43.8 65.6

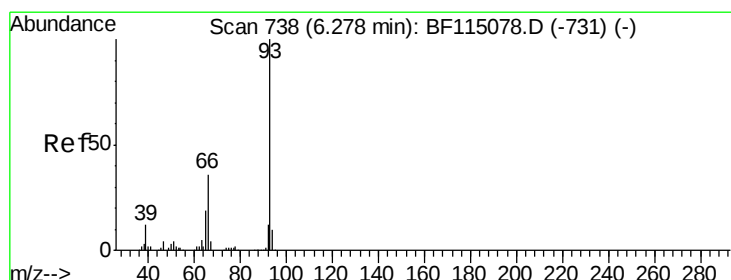
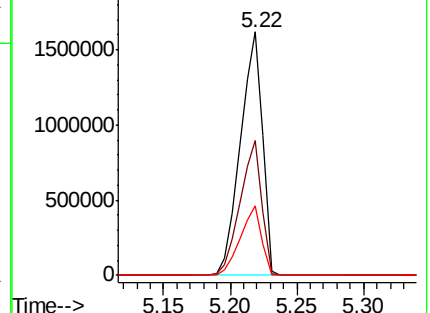
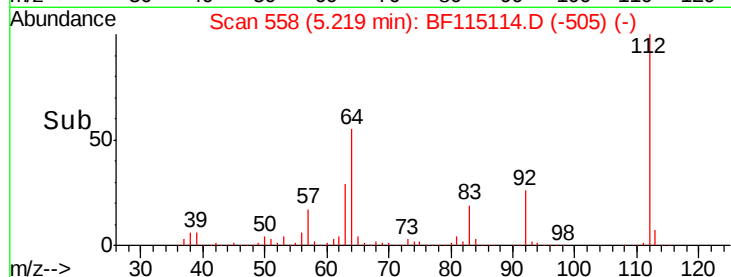
63 28.5 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 25.992 ng

RT: 6.27 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF115114.D

Acq: 22 Jun 2019 12:23

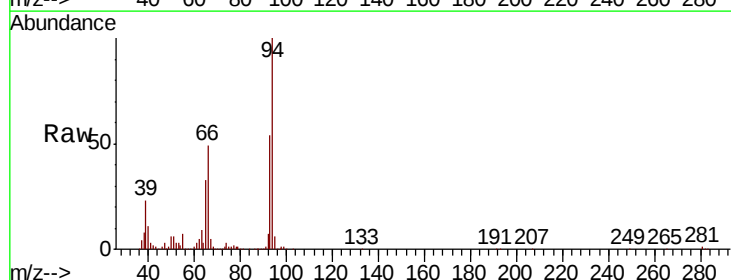
Tgt Ion: 93 Resp: 727670

Ion Ratio Lower Upper

93 100

66 92.3 30.0 45.0#

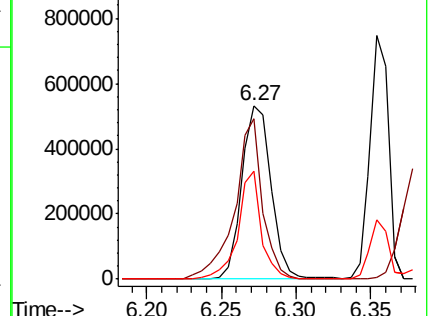
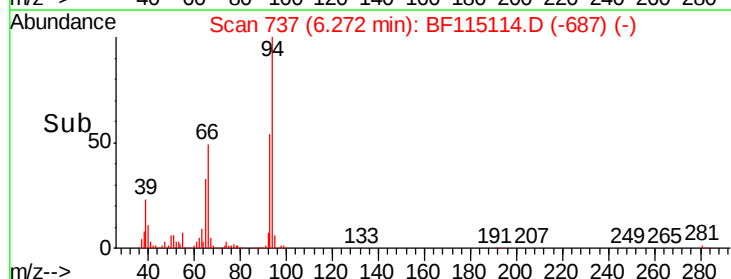
65 62.0 15.6 23.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 117.082 ng

RT: 6.26 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF115114.D

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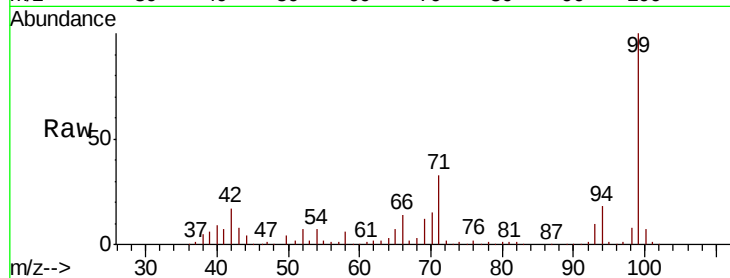
Tot Ion: 99 Resp: 2384966

Ion Ratio Lower Upper

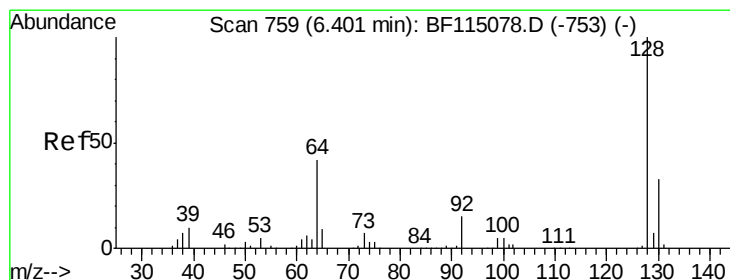
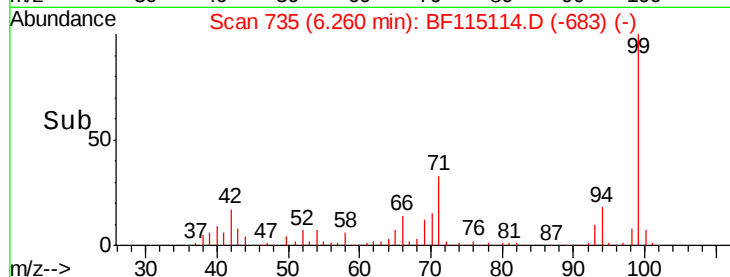
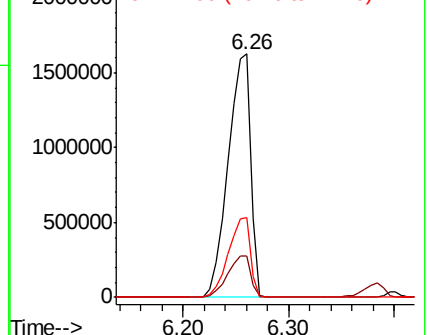
99 100

42 16.8 13.6 20.4

71 32.9 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: 37.703 ng

RT: 6.40 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF115114.D

Acq: 22 Jun 2019 12:23

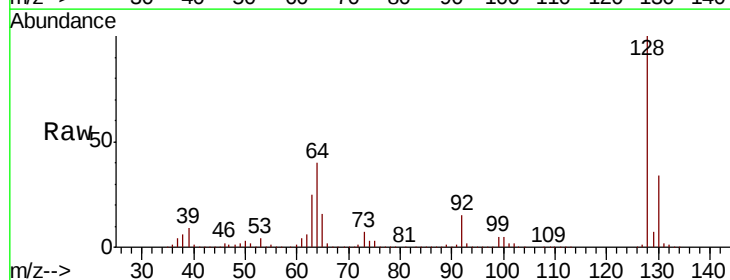
Tgt Ion:128 Resp: 711504

Ion Ratio Lower Upper

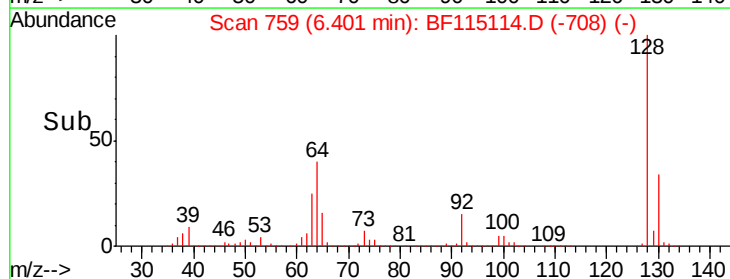
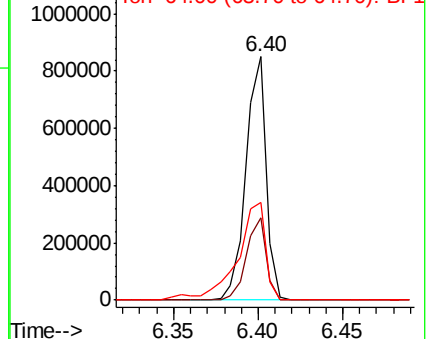
128 100

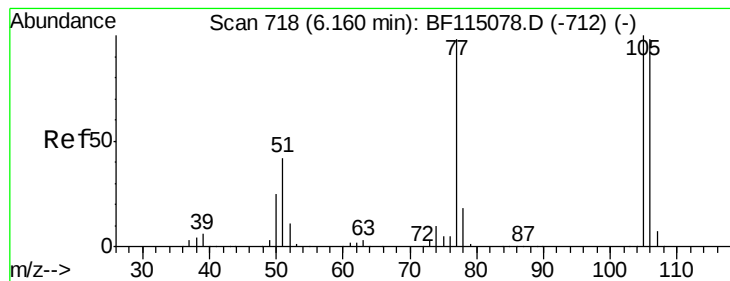
130 34.0 12.9 52.9

64 40.0 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: 38.654 ng

RT: 6.15 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF115114.D

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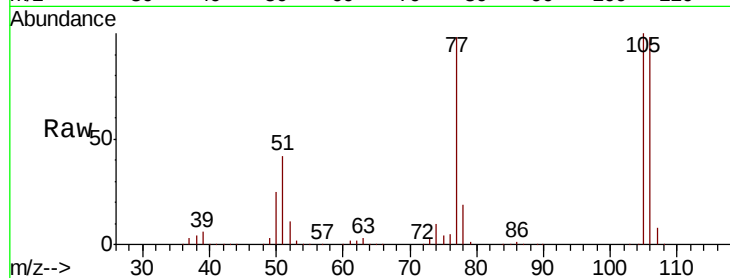
Tot Ion: 77 Resp: 513699

Ion Ratio Lower Upper

77 100

105 102.1 81.5 121.5

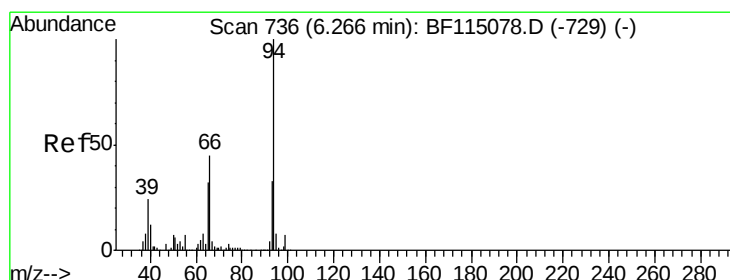
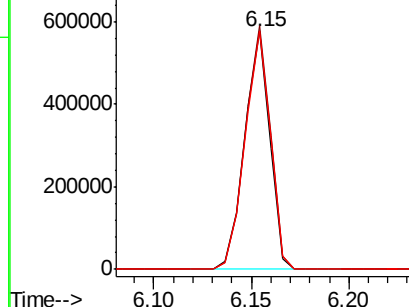
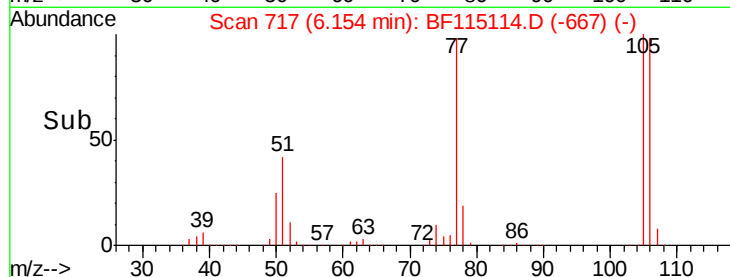
106 99.9 79.7 119.7



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: 36.271 ng

RT: 6.27 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF115114.D

Acq: 22 Jun 2019 12:23

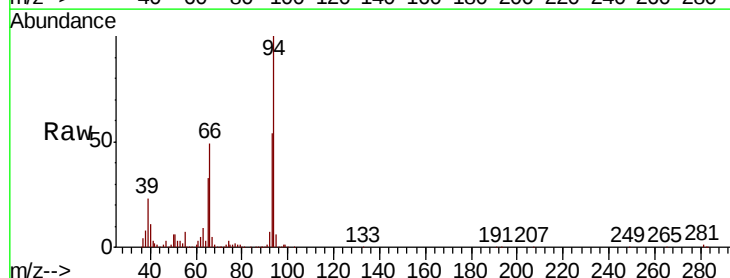
Tgt Ion: 94 Resp: 865455

Ion Ratio Lower Upper

94 100

65 33.3 11.9 51.9

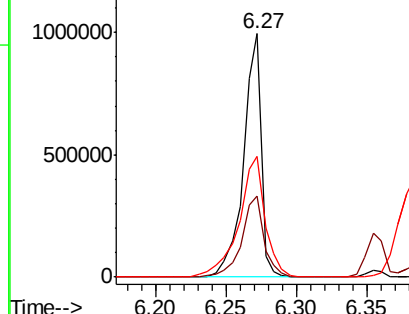
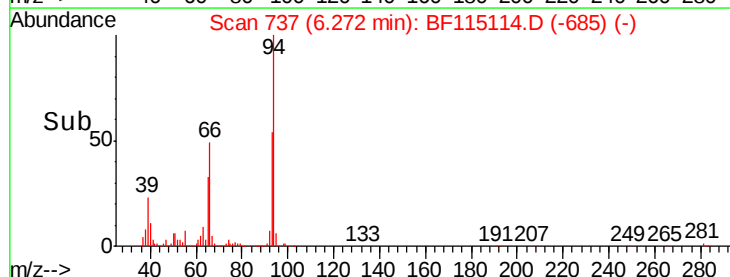
66 49.5 25.2 65.2



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

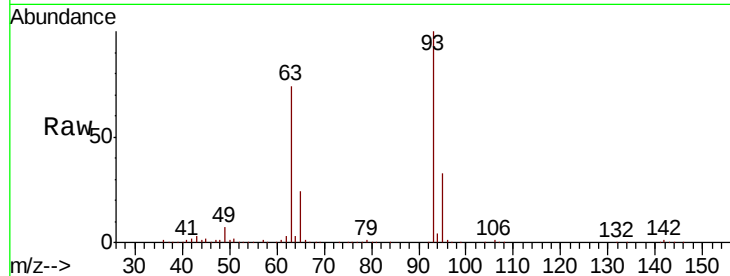




#11
bis(2-Chloroethyl)ether
Concen: 36.674 ng
RT: 6.35 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF115114.D
Acq: 22 Jun 2019 12:23

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

Tot Ion	Ratio	Lower	Upper
93	100		
63	74.0	51.5	91.5
95	33.2	13.4	53.4

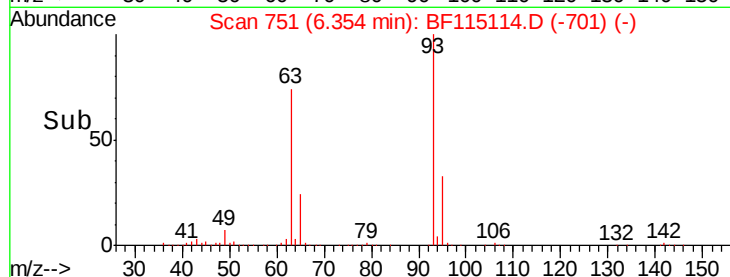
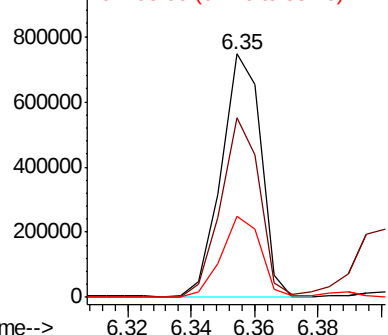


Abundance

Ion 93.00 (92.70 to 93.70): BF1

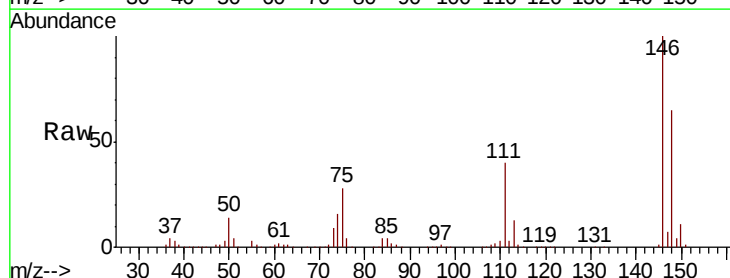
Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12
1,3-Dichlorobenzene
Concen: 35.269 ng
RT: 6.55 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF115114.D
Acq: 22 Jun 2019 12:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	52.6	78.8
75	27.5	22.6	34.0

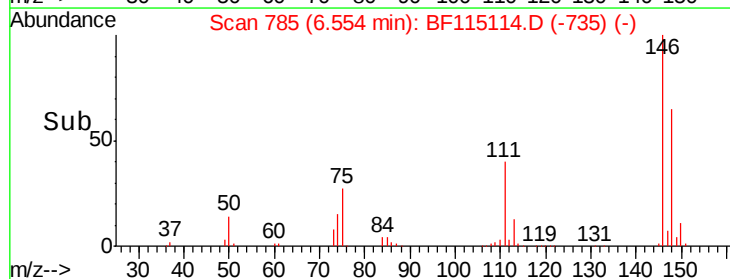
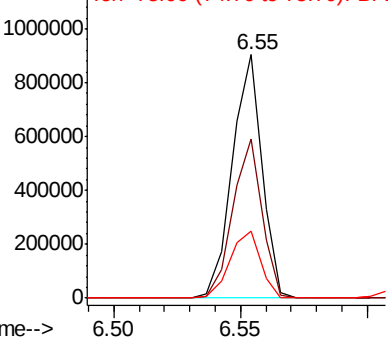


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

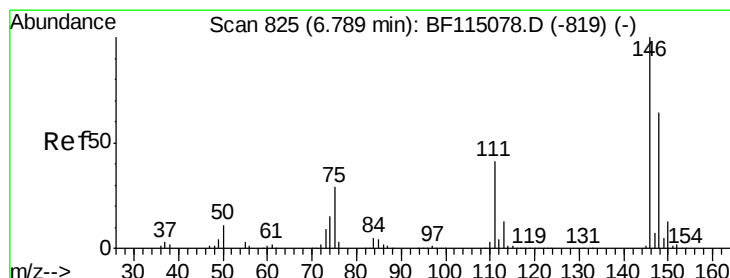
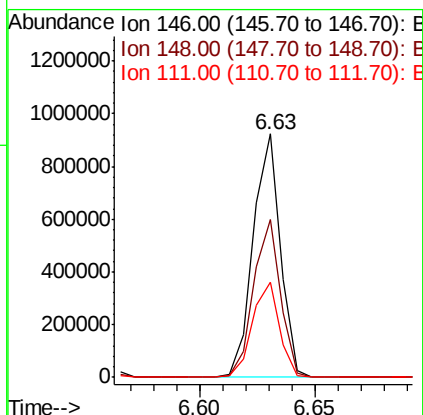
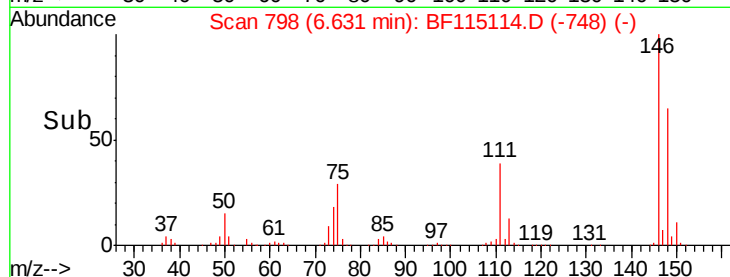
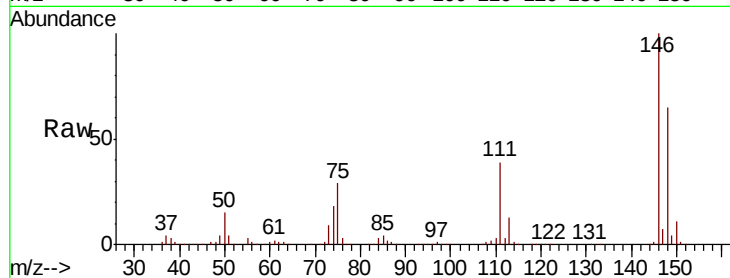




#13
 1,4-Dichlorobenzene
 Concen: 36.160 ng
 RT: 6.63 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF115114.D
 Acq: 22 Jun 2019 12:23

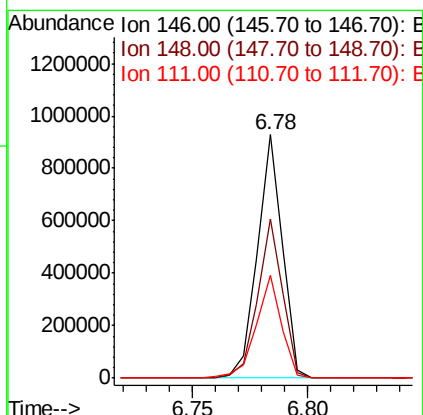
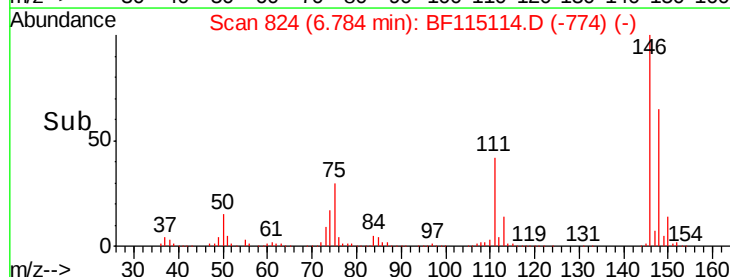
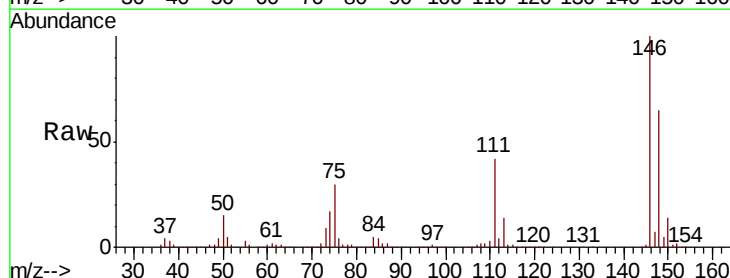
Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-008-AMS

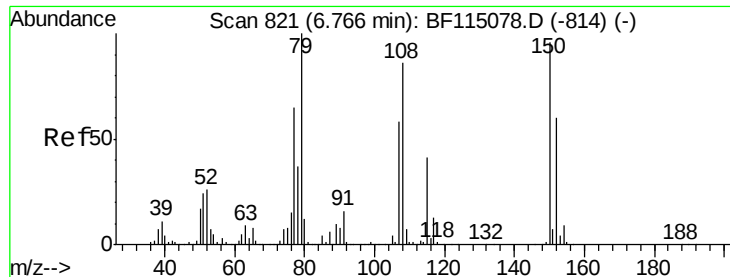
Tot Ion:146 Resp: 759420
 Ion Ratio Lower Upper
 146 100
 148 65.0 51.9 77.9
 111 39.3 31.4 47.0



#14
 1,2-Dichlorobenzene
 Concen: 36.109 ng
 RT: 6.78 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BF115114.D
 Acq: 22 Jun 2019 12:23

Tgt Ion:146 Resp: 702289
 Ion Ratio Lower Upper
 146 100
 148 65.2 51.1 76.7
 111 42.2 33.2 49.8





#15

Benzyl Alcohol

Concen: 38.068 ng

RT: 6.76 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF115114.D

Acq: 22 Jun 2019 12:23

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-008-AMS

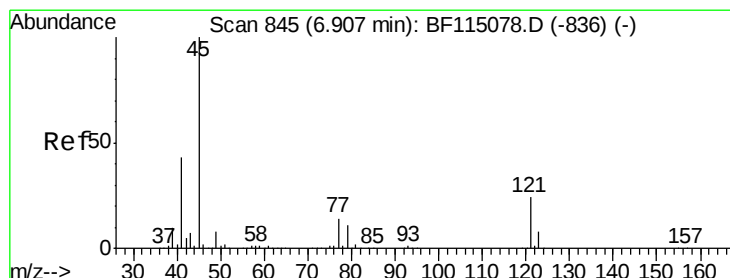
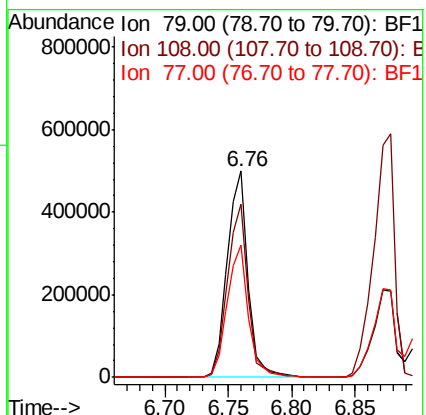
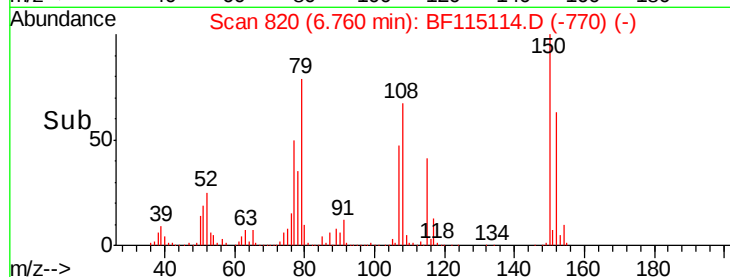
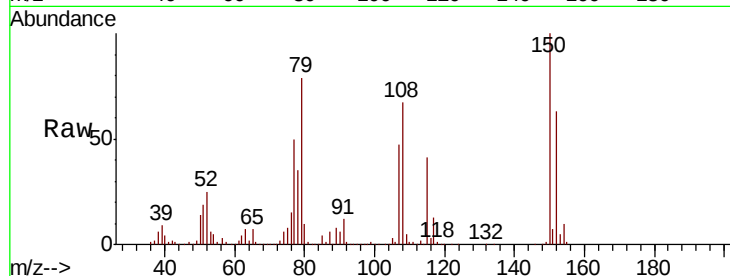
Tot Ion: 79 Resp: 564653

Ion Ratio Lower Upper

79 100

108 84.2 68.7 103.1

77 63.9 51.7 77.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.792 ng

RT: 6.90 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF115114.D

Acq: 22 Jun 2019 12:23

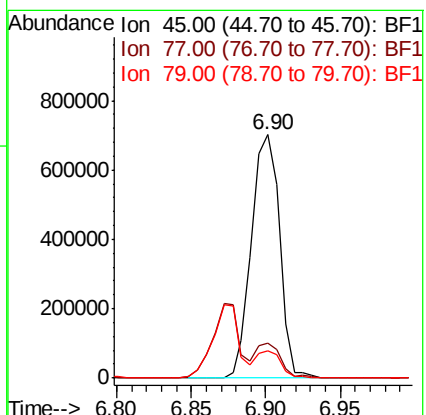
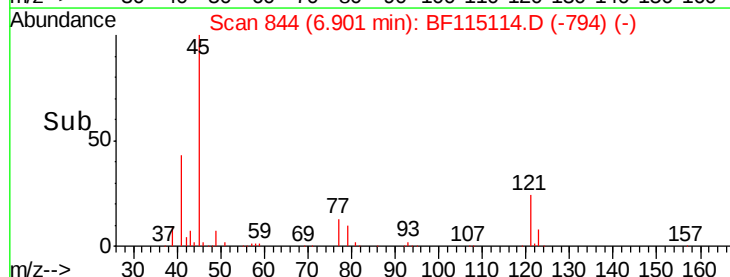
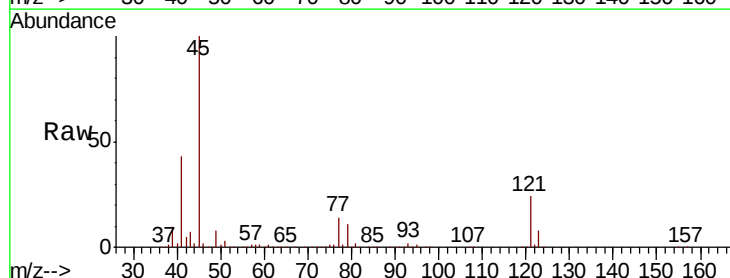
Tgt Ion: 45 Resp: 913068

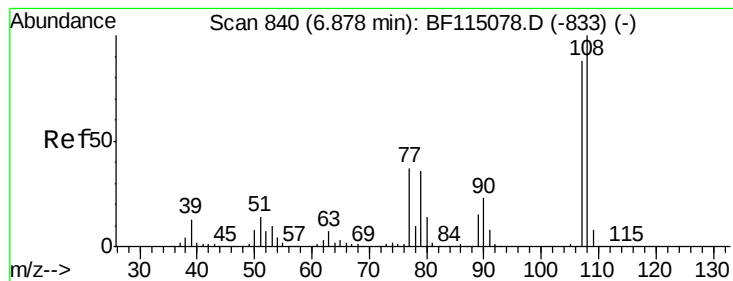
Ion Ratio Lower Upper

45 100

77 14.3 0.0 34.6

79 11.4 0.0 31.2





#17

2-Methylphenol

Concen: 38.253 ng

RT: 6.88 min Scan# 840

Delta R.T. 0.00 min

Lab File: BF115114.D

Acq: 22 Jun 2019 12:23

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-008-AMS

Tot Ion:107 Resp: 595858

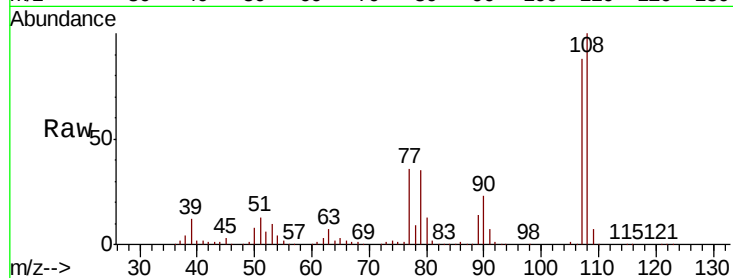
Ion Ratio Lower Upper

107 100

108 113.7 90.9 136.3

77 41.1 33.4 50.2

79 40.1 32.3 48.5

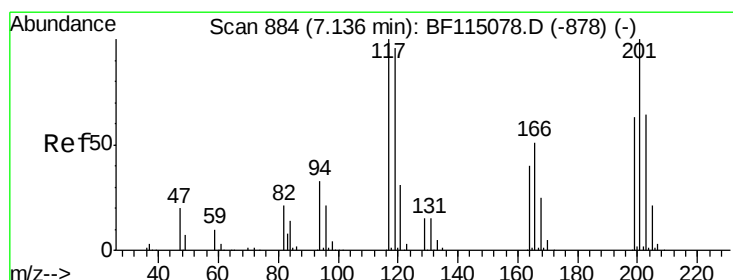
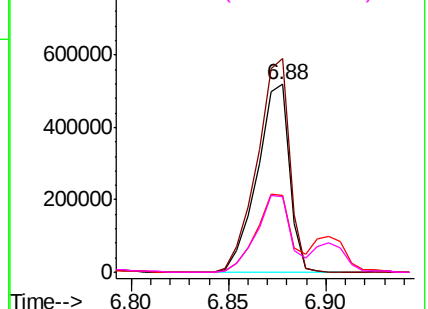
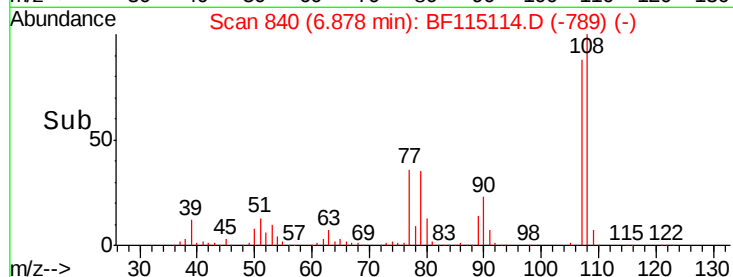


Abundance Ion 107.00 (106.70 to 107.70): E

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: 35.432 ng

RT: 7.12 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF115114.D

Acq: 22 Jun 2019 12:23

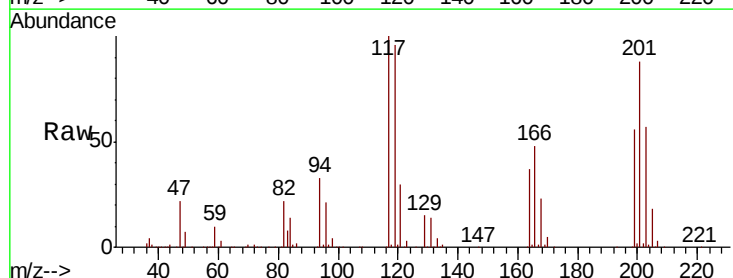
Tgt Ion:117 Resp: 268275

Ion Ratio Lower Upper

117 100

119 96.0 76.6 114.8

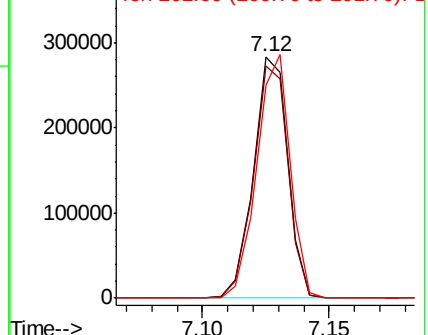
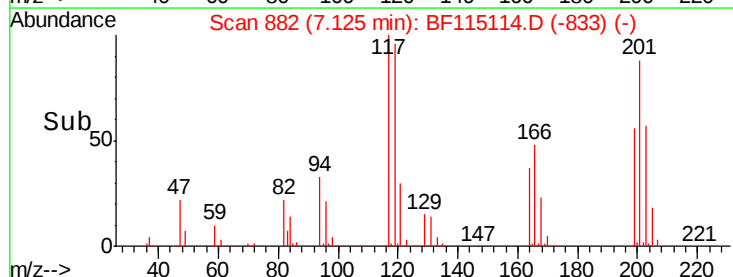
201 88.2 80.2 120.2

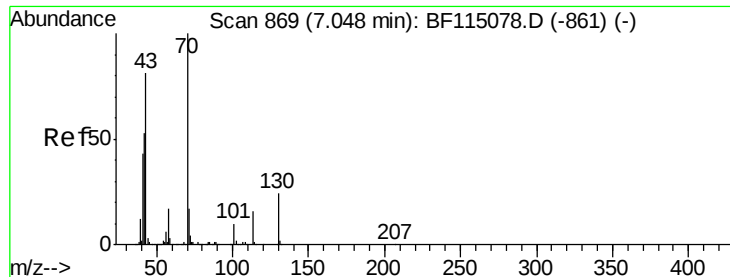


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

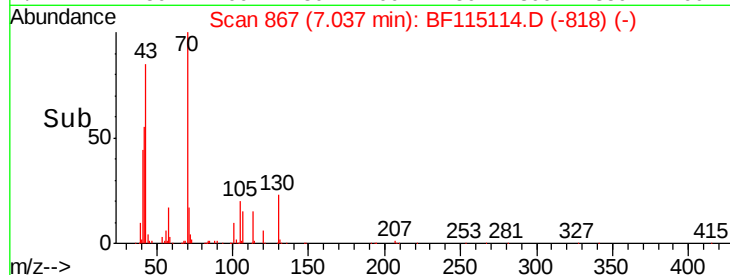
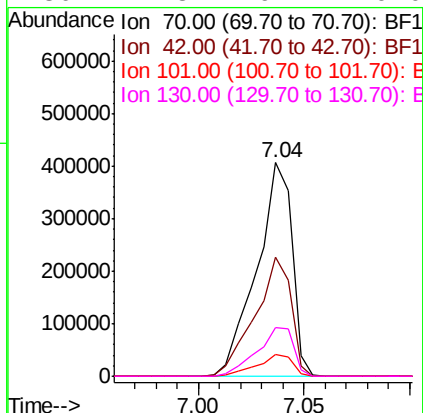
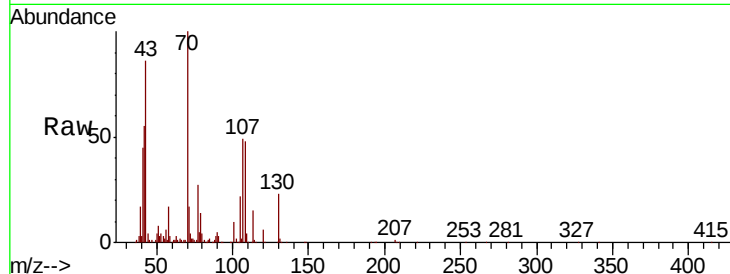




#19
n-Nitroso-di-n-propylamine
Concen: 36.138 ng
RT: 7.04 min Scan# 867
Delta R.T. -0.01 min
Lab File: BF115114.D
Acq: 22 Jun 2019 12:23

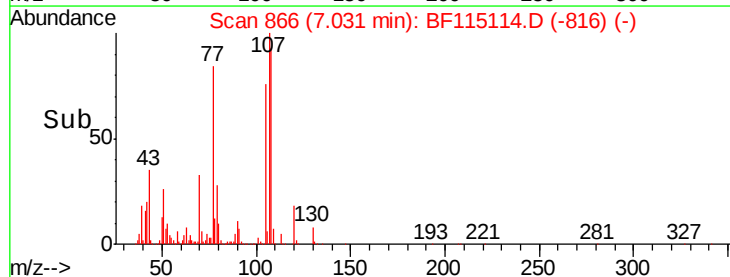
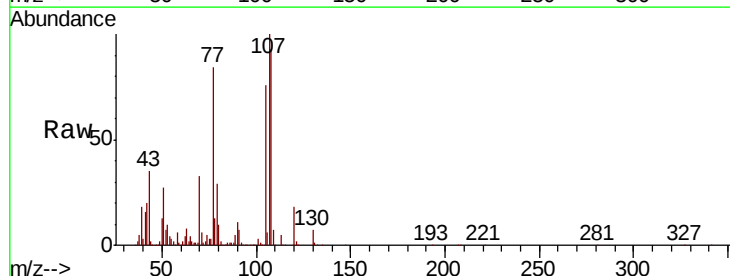
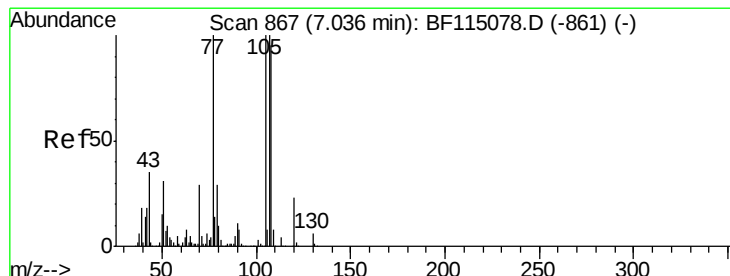
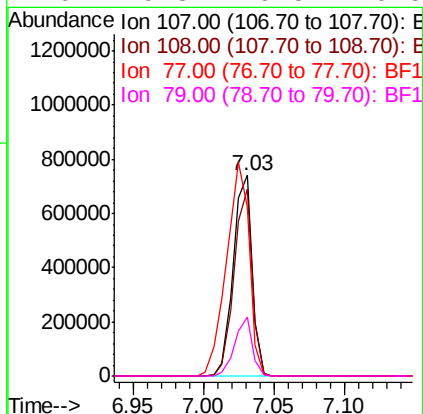
Instrument :
BNA_F
ClientSampleId :
FK-SF-03-008-AMS

Tot Ion	Ratio	Lower	Upper
70	100		
42	55.4	42.6	63.8
101	10.0	8.0	12.0
130	22.8	19.4	29.0



#20
3+4-Methylphenols
Concen: 38.368 ng
RT: 7.03 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF115114.D
Acq: 22 Jun 2019 12:23

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.0	75.5	115.5
77	84.1	80.2	120.2
79	29.3	9.5	49.5

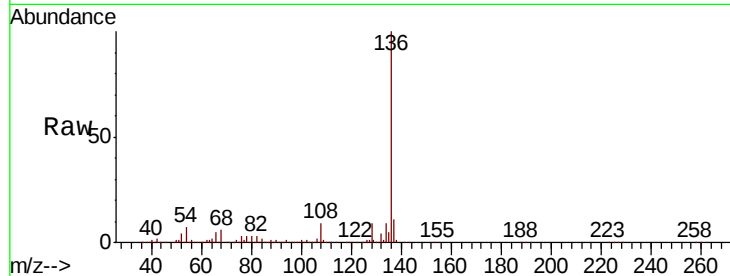




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.90 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF115114.D
Acq: 22 Jun 2019 12:23

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

Tot Ion:136	Resp: 1000503
Ion Ratio	Lower Upper
136 100	
137 10.9	8.9 13.3
54 6.5	5.6 8.4
68 5.8	4.8 7.2



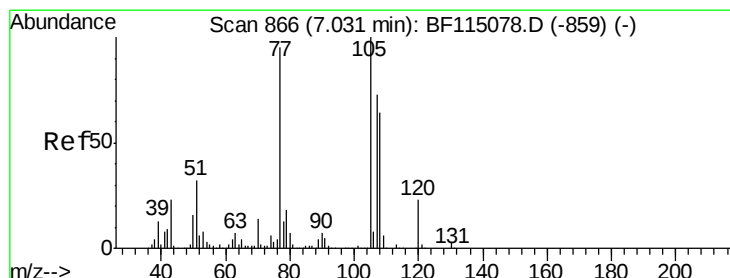
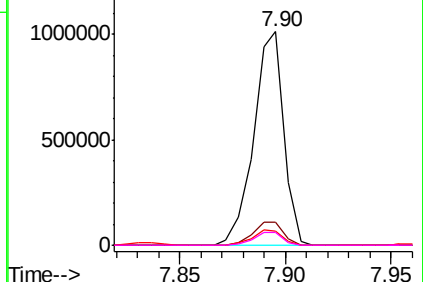
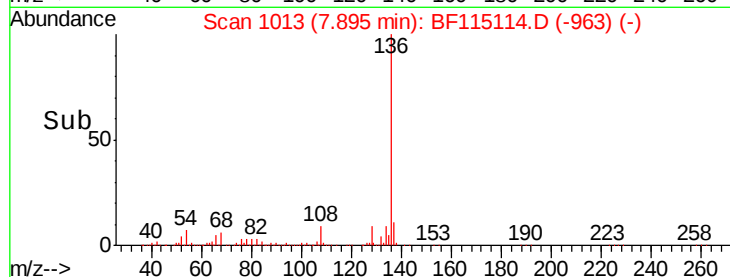
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

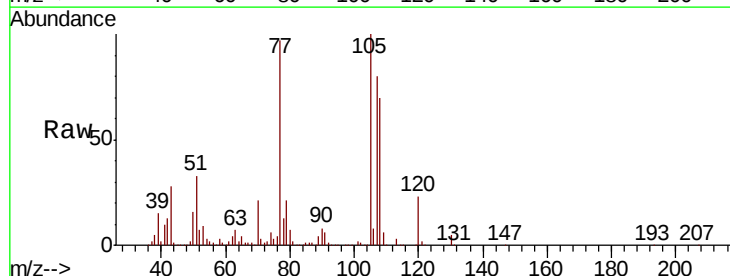
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 40.220 ng
RT: 7.02 min Scan# 865
Delta R.T. -0.01 min
Lab File: BF115114.D
Acq: 22 Jun 2019 12:23

Tgt	Ion:105	Resp:	921241
Ion	Ratio	Lower	Upper
105	100		
71	3.4	1.9	2.9#
51	33.1	25.8	38.8
120	23.4	18.5	27.7



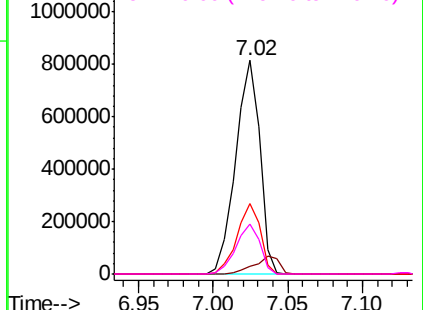
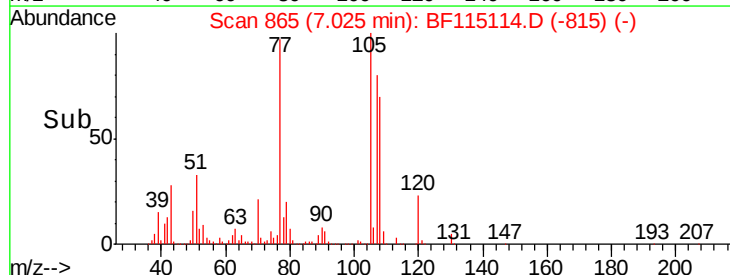
Abundance

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

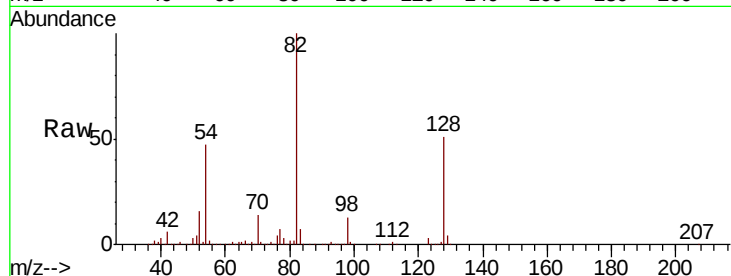




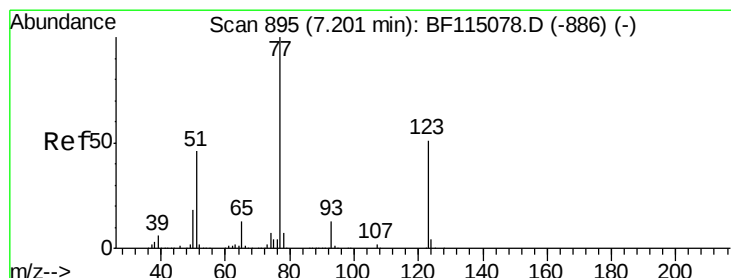
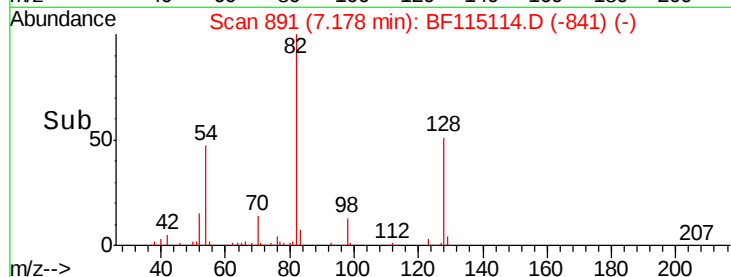
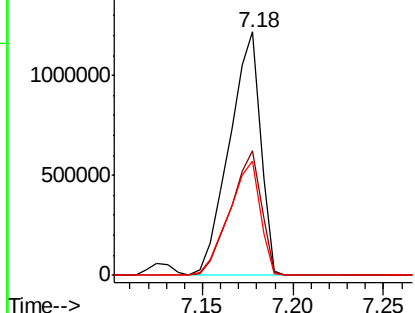
#23
Nitrobenzene-d5
Concen: 89.412 ng
RT: 7.18 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF115114.D
Acq: 22 Jun 2019 12:23

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

Tot Ion: 82 Resp: 1454218
Ion Ratio Lower Upper
82 100
128 51.3 40.4 60.6
54 47.0 37.5 56.3

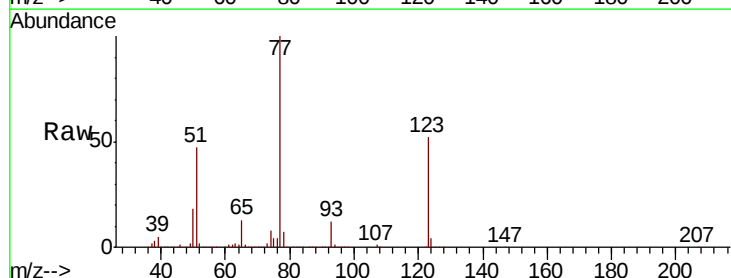


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

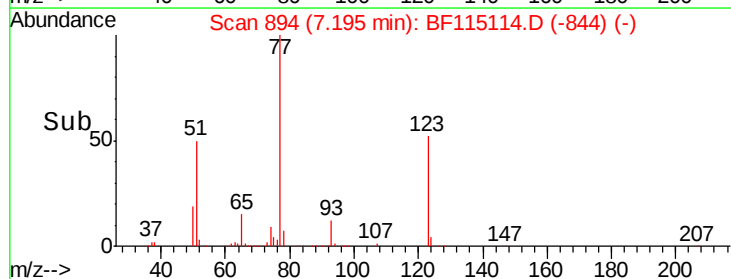
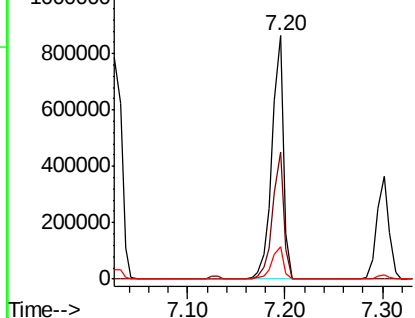


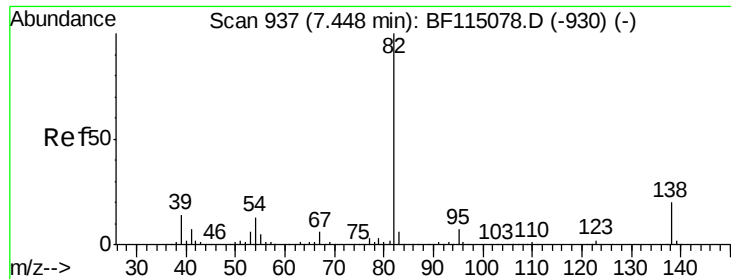
#24
Nitrobenzene
Concen: 40.161 ng
RT: 7.20 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF115114.D
Acq: 22 Jun 2019 12:23

Tgt Ion: 77 Resp: 719613
Ion Ratio Lower Upper
77 100
123 52.0 41.0 61.6
65 13.1 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: 39.330 ng

RT: 7.44 min Scan# 935

Delta R.T. -0.01 min

Lab File: BF115114.D

Acq: 22 Jun 2019 12:23

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-008-AMS

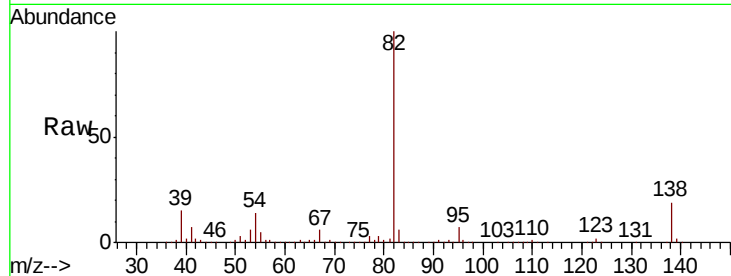
Tot Ion: 82 Resp: 1310385

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.2

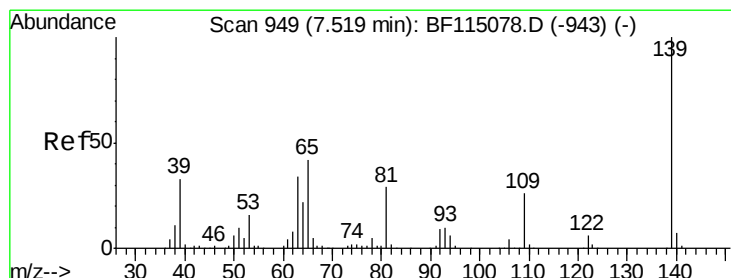
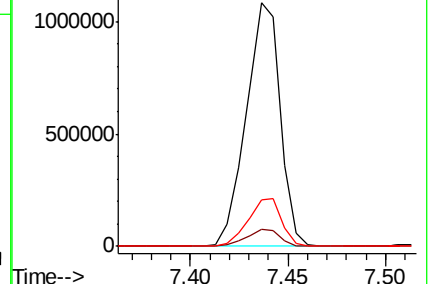
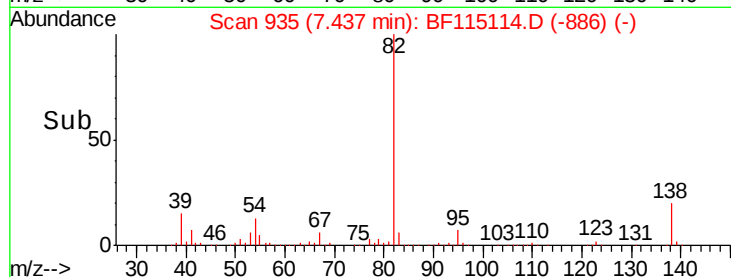
138 19.2 15.9 23.9



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: 42.190 ng

RT: 7.51 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF115114.D

Acq: 22 Jun 2019 12:23

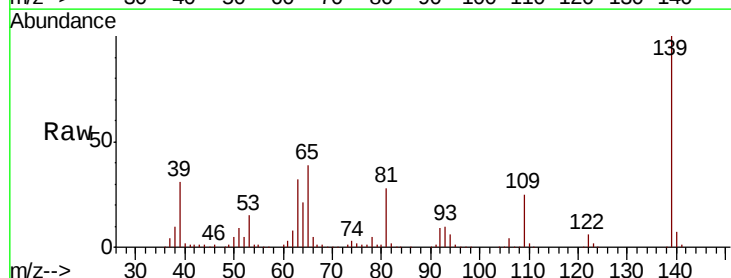
Tgt Ion: 139 Resp: 373330

Ion Ratio Lower Upper

139 100

109 25.0 20.4 30.6

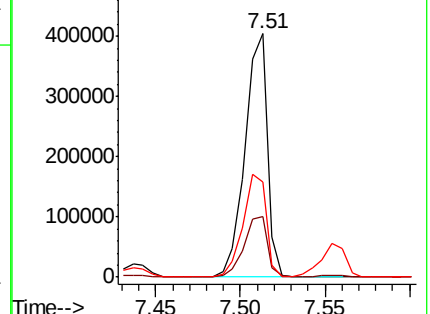
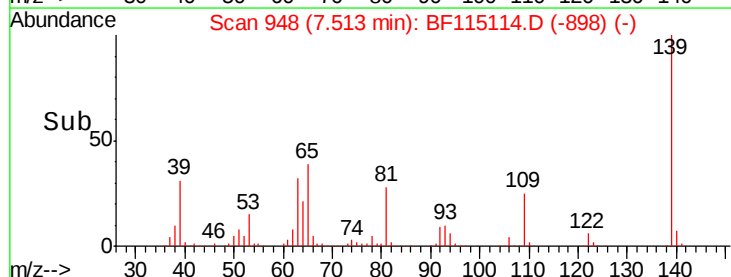
65 39.0 33.6 50.4

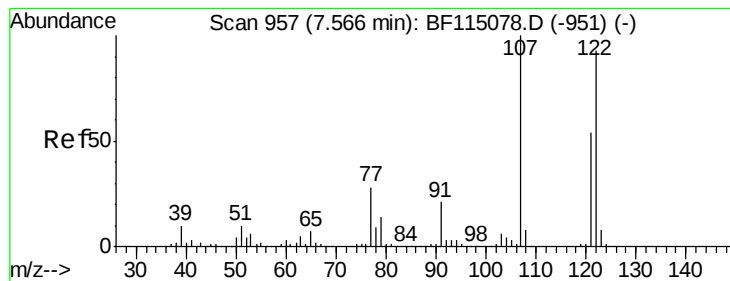


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 44.807 ng

RT: 7.55 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF115114.D

Acq: 22 Jun 2019 12:23

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-008-AMS

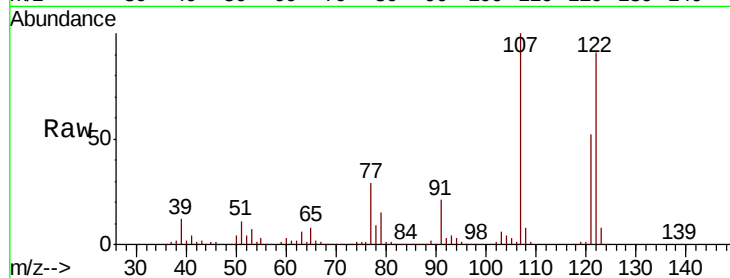
Tot Ion:122 Resp: 649161

Ion Ratio Lower Upper

122 100

107 109.9 85.8 128.6

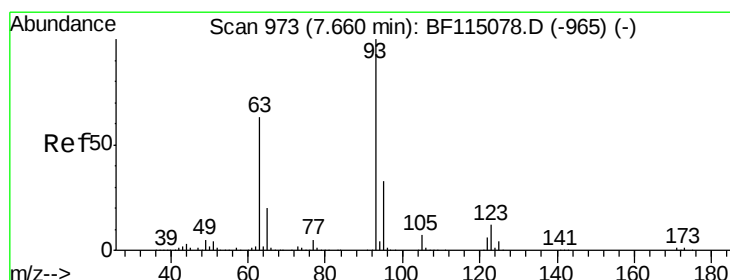
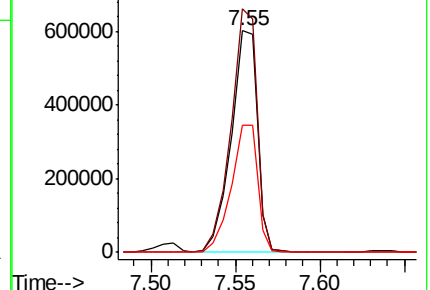
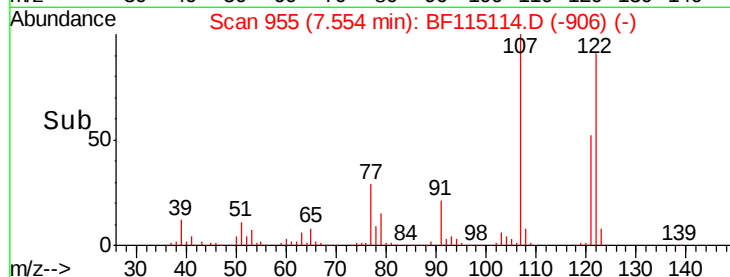
121 57.4 46.3 69.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.426 ng

RT: 7.65 min Scan# 972

Delta R.T. -0.01 min

Lab File: BF115114.D

Acq: 22 Jun 2019 12:23

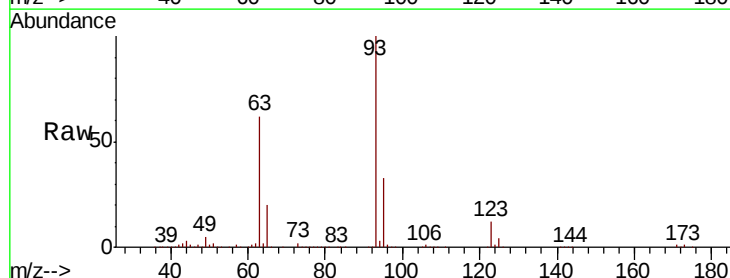
Tgt Ion: 93 Resp: 830250

Ion Ratio Lower Upper

93 100

95 32.6 26.2 39.4

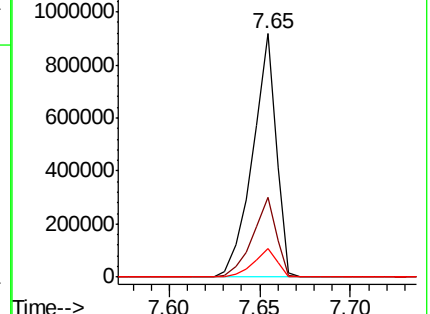
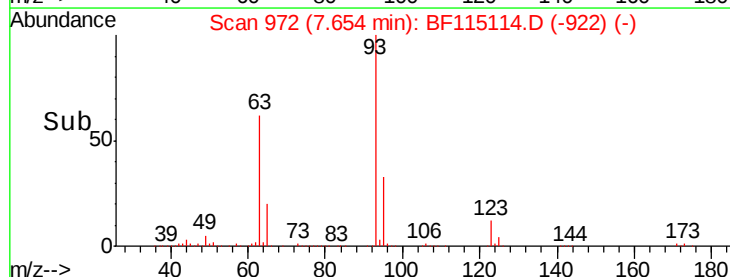
123 12.0 9.7 14.5

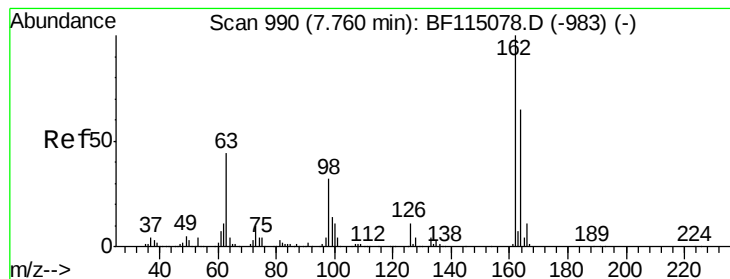


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 40.913 ng

RT: 7.75 min Scan# 988

Delta R.T. -0.01 min

Lab File: BF115114.D

Acq: 22 Jun 2019 12:23

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-008-AMS

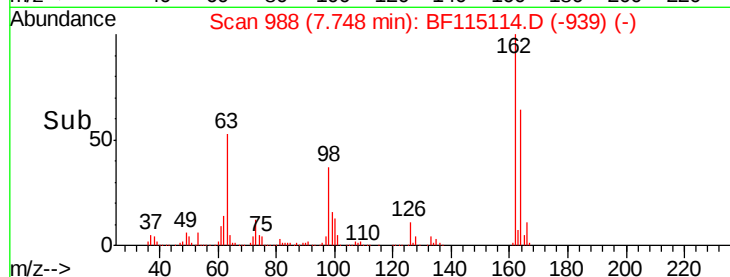
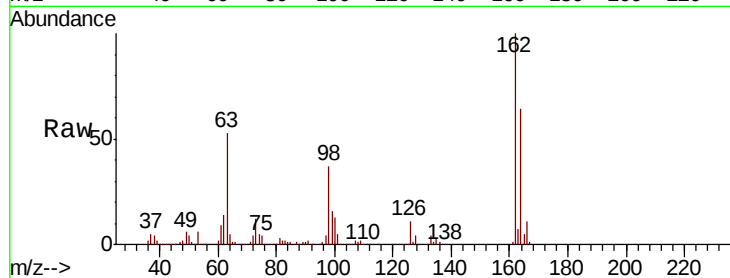
Tot Ion:162 Resp: 611701

Ion Ratio Lower Upper

162 100

164 64.0 45.3 85.3

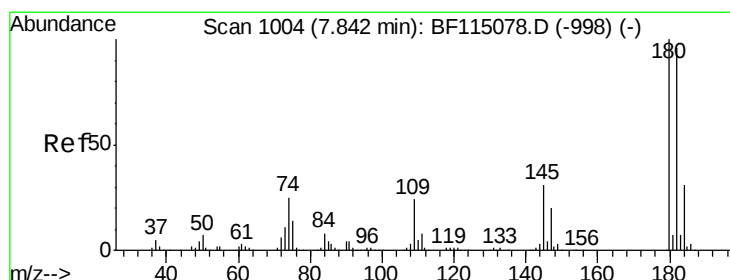
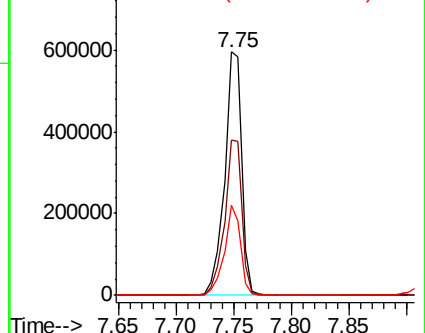
98 36.9 12.5 52.5



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: 38.955 ng

RT: 7.84 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF115114.D

Acq: 22 Jun 2019 12:23

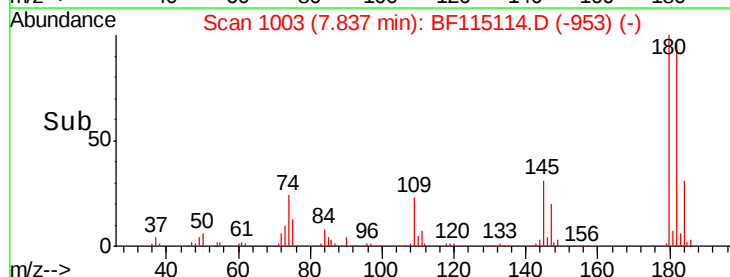
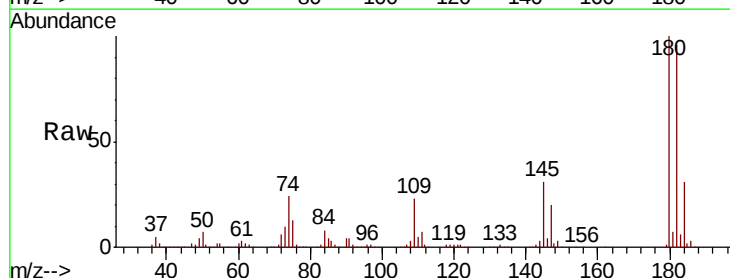
Tgt Ion:180 Resp: 643348

Ion Ratio Lower Upper

180 100

182 96.4 76.4 114.6

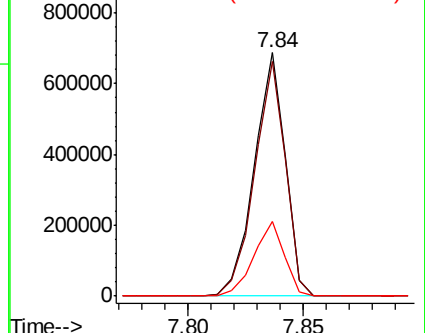
145 30.6 24.8 37.2

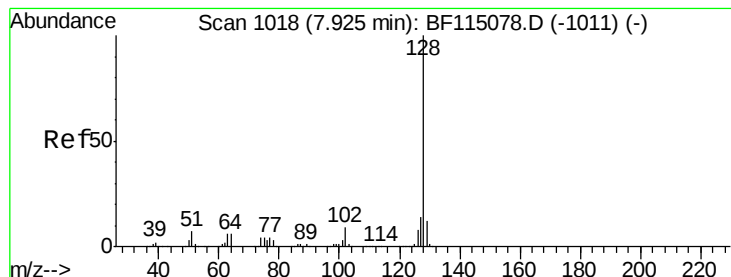


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.320 ng

RT: 7.91 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BF115114.D

Acq: 22 Jun 2019 12:23

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-008-AMS

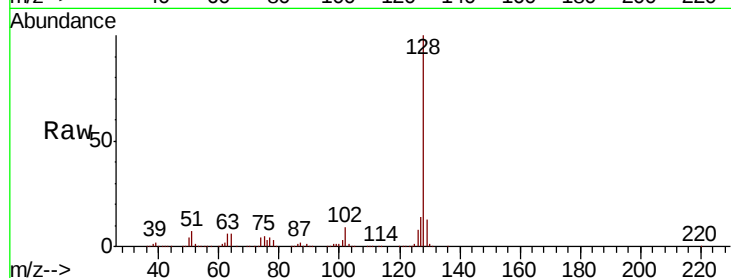
Tot Ion:128 Resp: 1980201

Ion Ratio Lower Upper

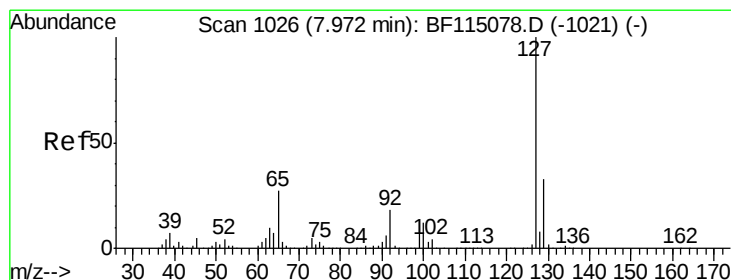
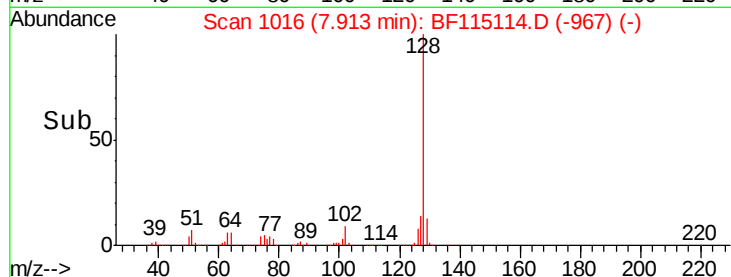
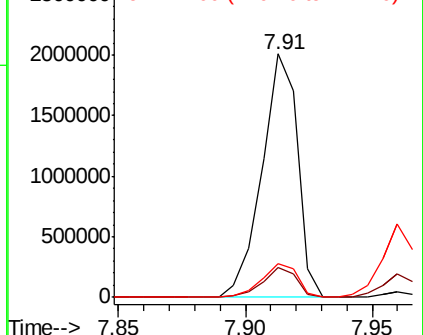
128 100

129 12.5 9.6 14.4

127 14.0 11.4 17.0



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



#33

4-Chloroaniline

Concen: 23.747 ng

RT: 7.96 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BF115114.D

Acq: 22 Jun 2019 12:23

Tgt Ion:127 Resp: 533008

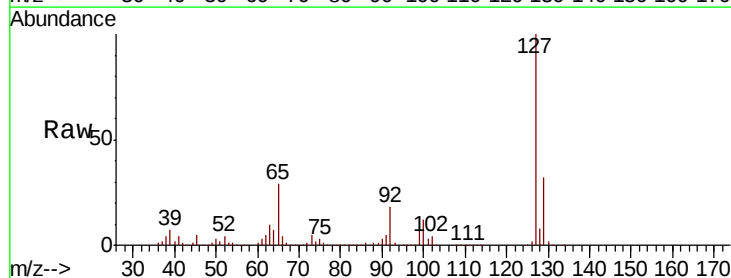
Ion Ratio Lower Upper

127 100

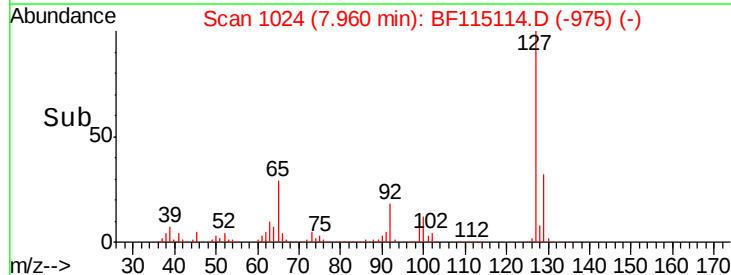
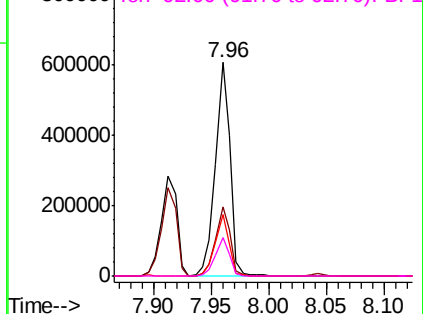
129 32.4 26.1 39.1

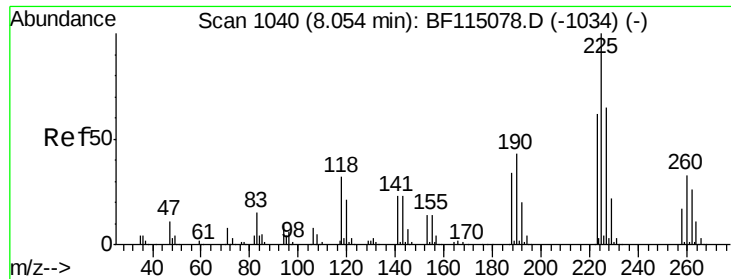
65 28.5 21.4 32.2

92 17.9 14.1 21.1



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

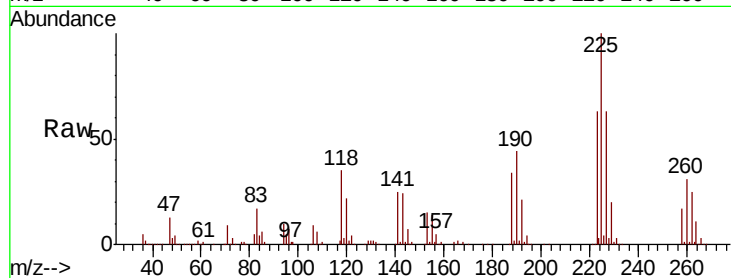




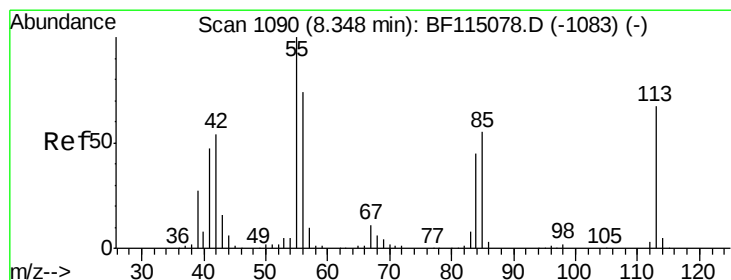
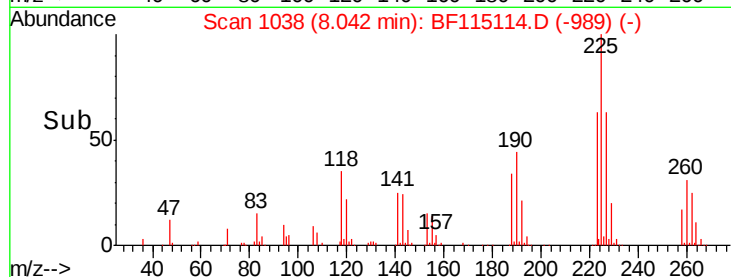
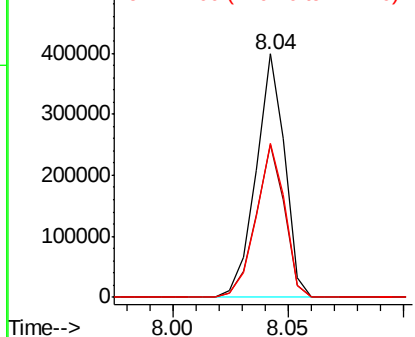
#34
Hexachlorobutadiene
Concen: 38.129 ng
RT: 8.04 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF115114.D
Acq: 22 Jun 2019 12:23

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

Tot Ion:225 Resp: 345078
Ion Ratio Lower Upper
225 100
223 62.8 49.4 74.2
227 63.2 51.8 77.8

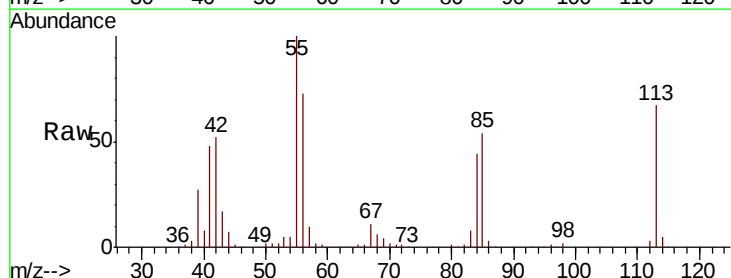


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

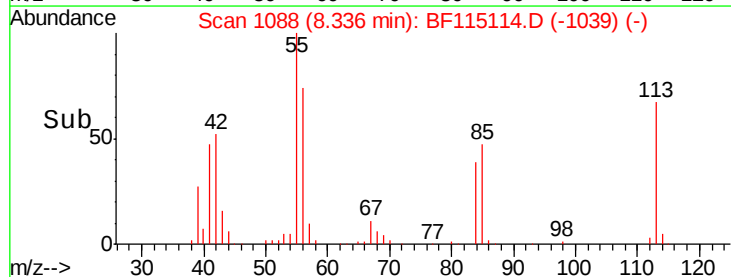
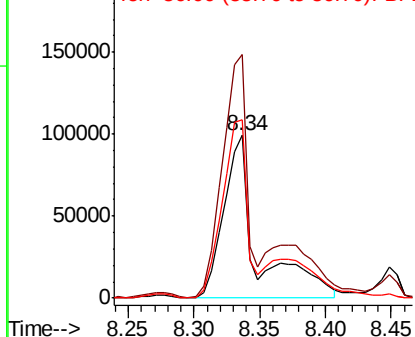


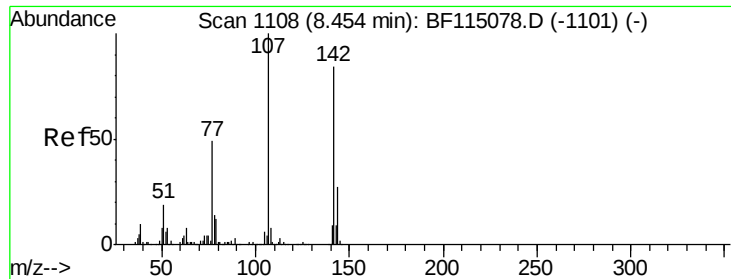
#35
Caprolactam
Concen: 35.181 ng m
RT: 8.34 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BF115114.D
Acq: 22 Jun 2019 12:23

Tgt Ion:113 Resp: 176846
Ion Ratio Lower Upper
113 100
55 149.8 130.2 170.2
56 110.0 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

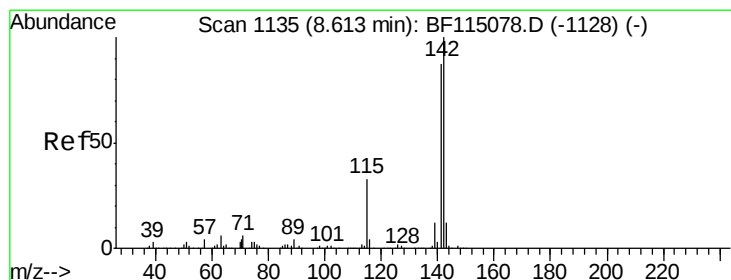
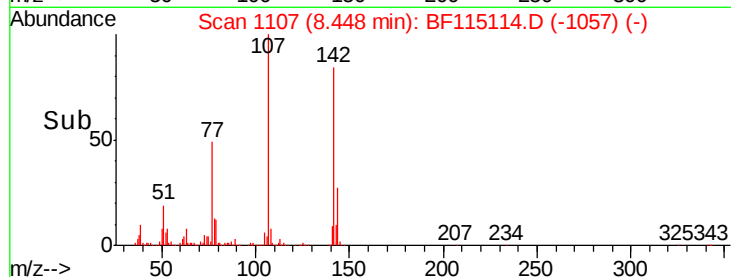
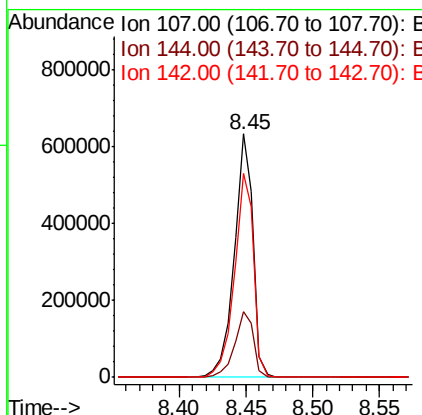
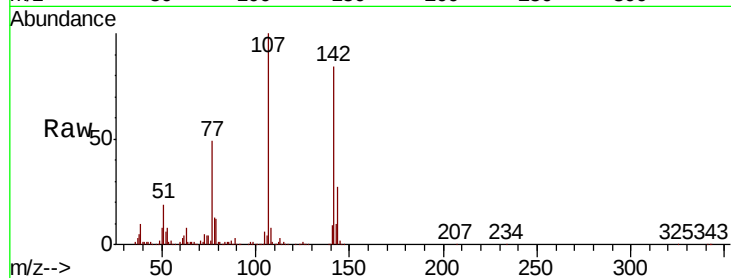




#36
4-Chloro-3-methylphenol
Concen: 41.076 ng
RT: 8.45 min Scan# 1107
Delta R.T. -0.01 min
Lab File: BF115114.D
Acq: 22 Jun 2019 12:23

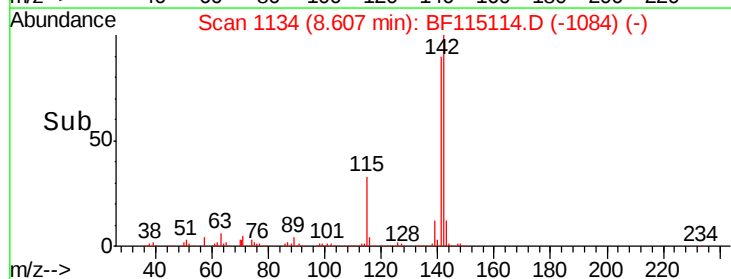
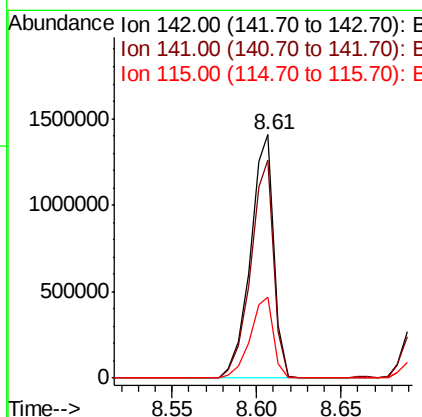
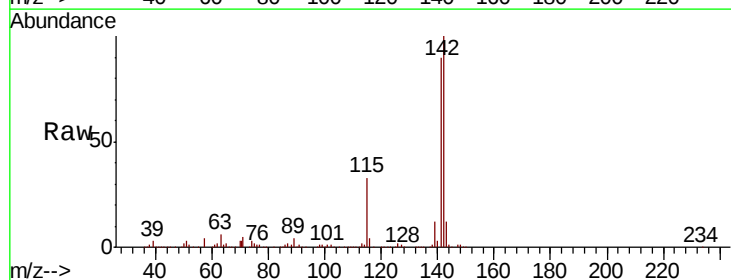
Instrument :
BNA_F
ClientSampleId :
FK-SF-03-008-AMS

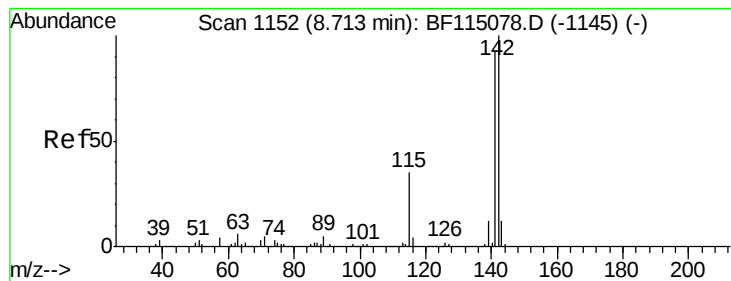
Tot Ion:107 Resp: 621961
Ion Ratio Lower Upper
107 100
144 26.7 21.7 32.5
142 83.9 67.0 100.4



#37
2-Methylnaphthalene
Concen: 40.992 ng
RT: 8.61 min Scan# 1134
Delta R.T. -0.01 min
Lab File: BF115114.D
Acq: 22 Jun 2019 12:23

Tgt Ion:142 Resp: 1357408
Ion Ratio Lower Upper
142 100
141 89.6 69.8 104.6
115 33.1 26.7 40.1





#38

1-Methylnaphthalene

Concen: 40.497 ng

RT: 8.70 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF115114.D

Acq: 22 Jun 2019 12:23

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-008-AMS

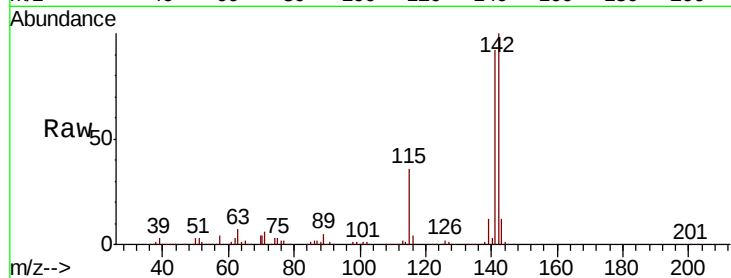
Tot Ion:142 Resp: 1280778

Ion Ratio Lower Upper

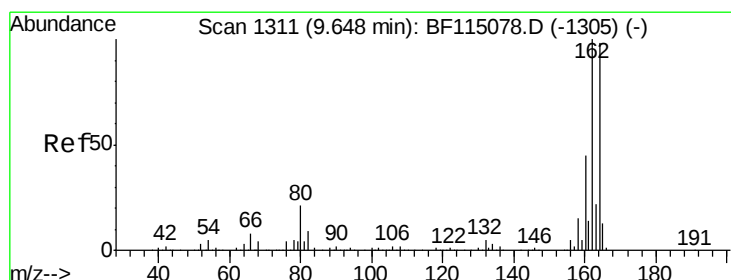
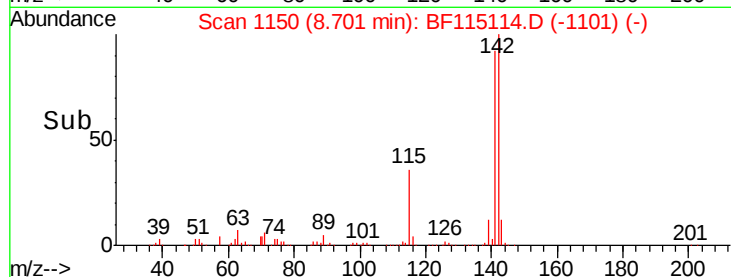
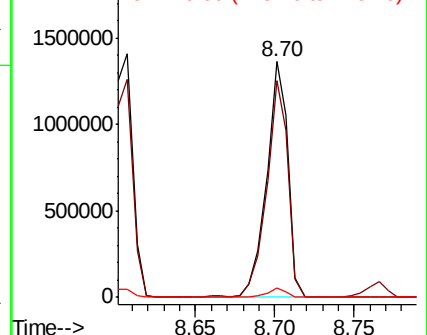
142 100

141 92.1 73.8 110.8

116 3.8 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: BF115114.D

Acq: 22 Jun 2019 12:23

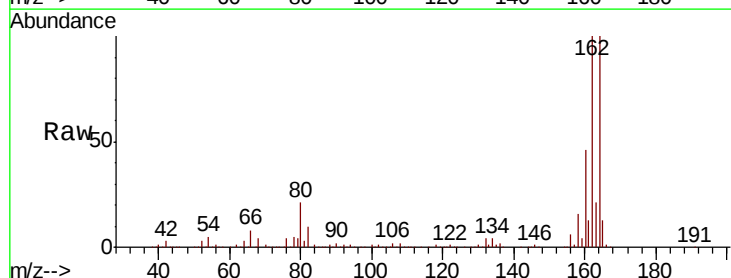
Tgt Ion:164 Resp: 496588

Ion Ratio Lower Upper

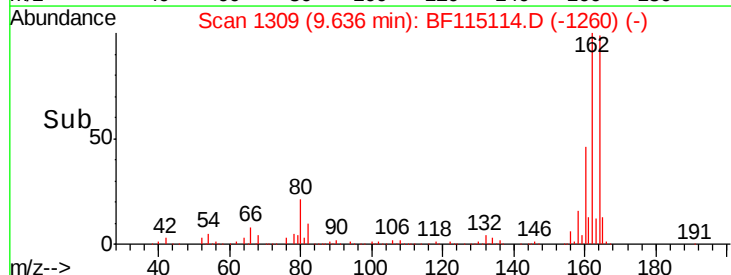
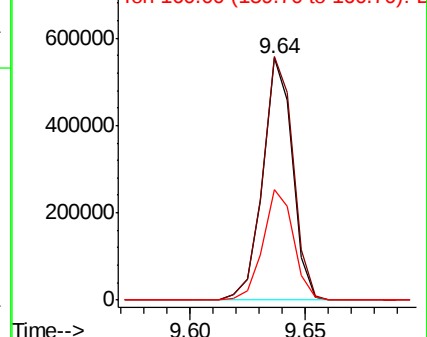
164 100

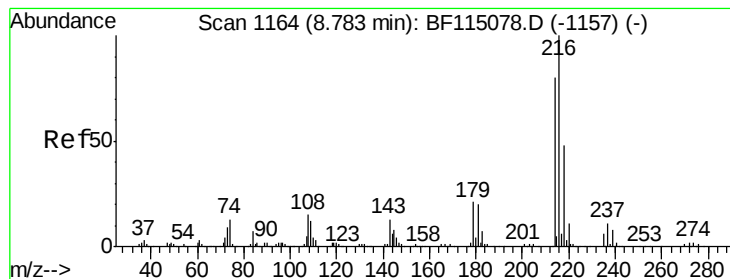
162 100.5 81.7 122.5

160 45.9 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: 39.558 ng

RT: 8.77 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BF115114.D

Acq: 22 Jun 2019 12:23

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-008-AMS

Tot Ion:216 Resp: 555113

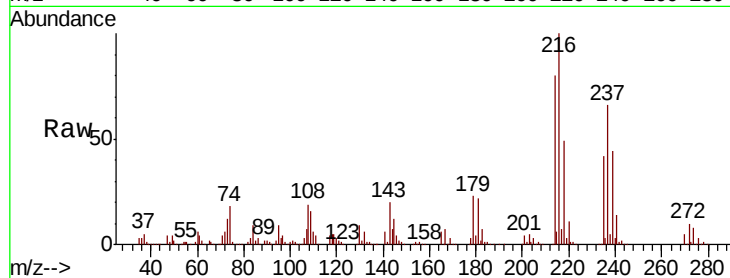
Ion Ratio Lower Upper

216 100

214 79.9 63.8 95.6

179 22.3 17.6 26.4

108 20.9 15.7 23.5

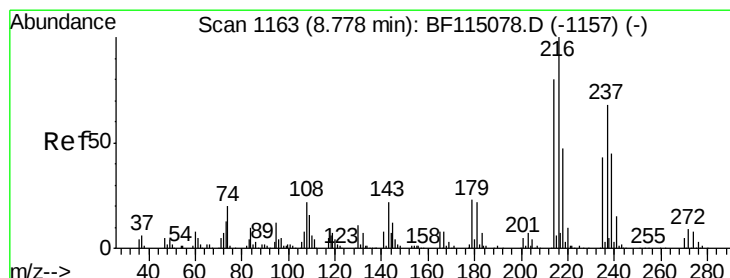
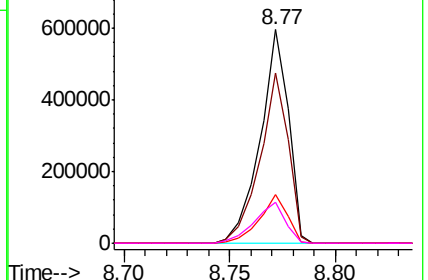
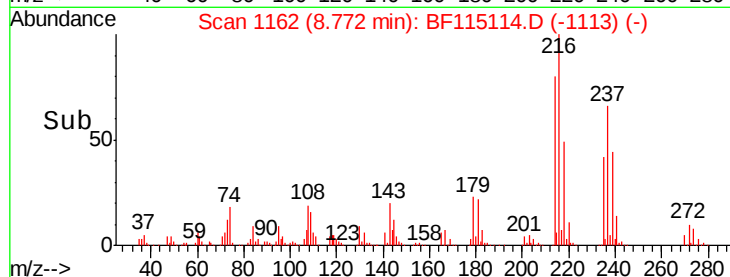


Abundance Ion 216.00 (215.70 to 216.70): E

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: 75.955 ng

RT: 8.77 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BF115114.D

Acq: 22 Jun 2019 12:23

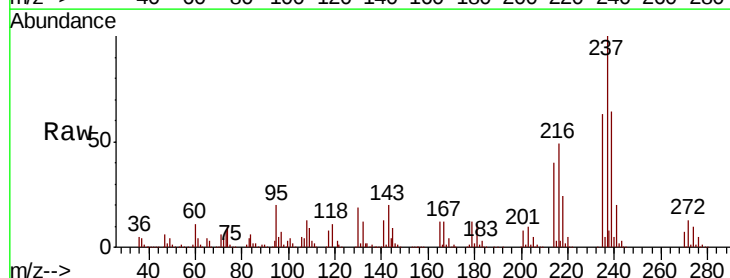
Tgt Ion:237 Resp: 632014

Ion Ratio Lower Upper

237 100

235 62.8 43.9 83.9

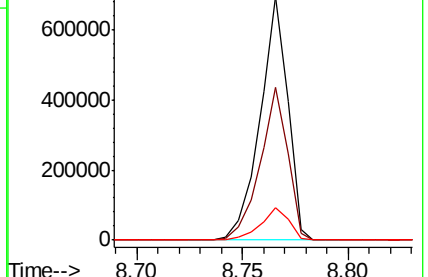
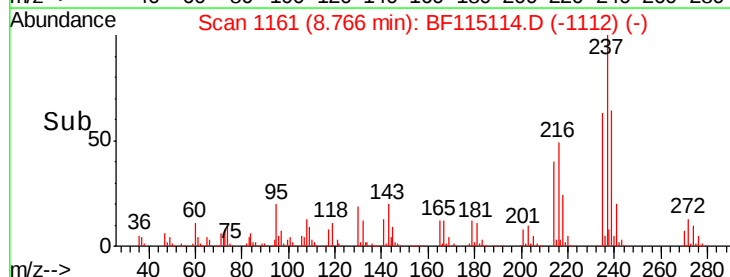
272 13.2 0.0 33.8

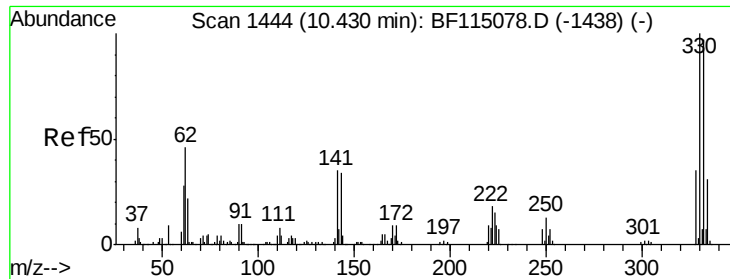


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

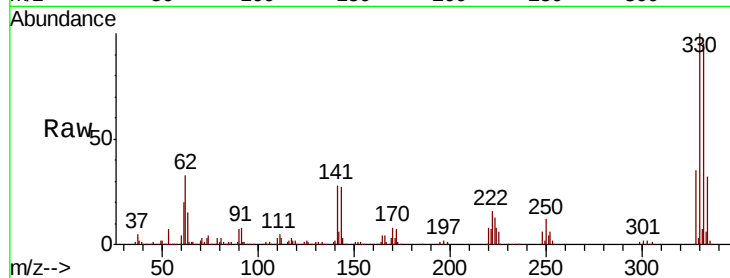




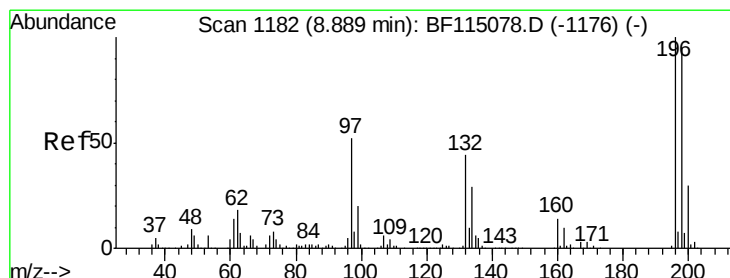
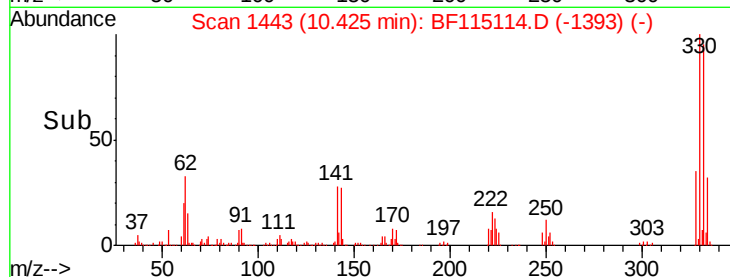
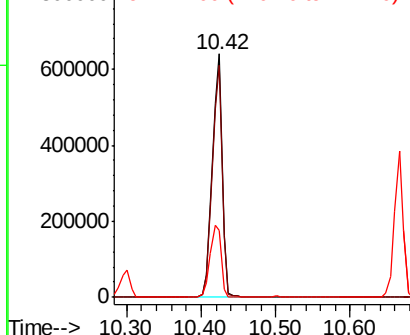
#42
 2,4,6-Tribromophenol
 Concen: 112.183 ng
 RT: 10.42 min Scan# 1443
 Delta R.T. -0.01 min
 Lab File: BF115114.D
 Acq: 22 Jun 2019 12:23

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

Tot Ion:330 Resp: 587466
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.3 115.9
 141 33.5 28.2 42.2

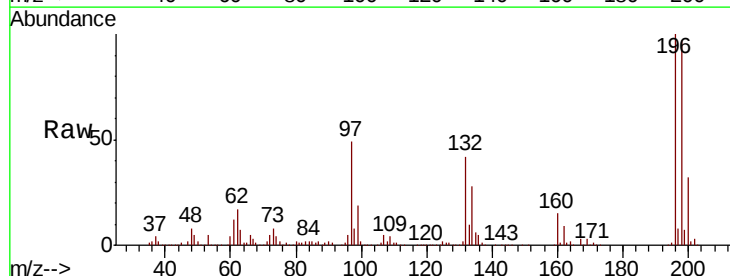


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

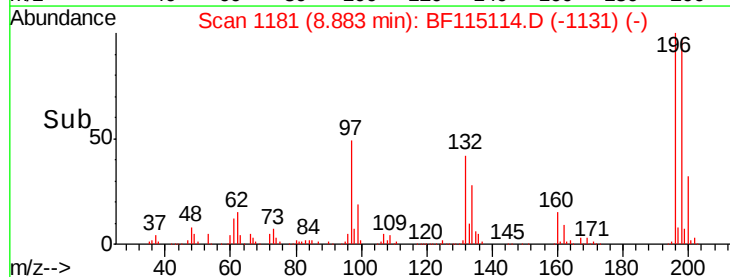
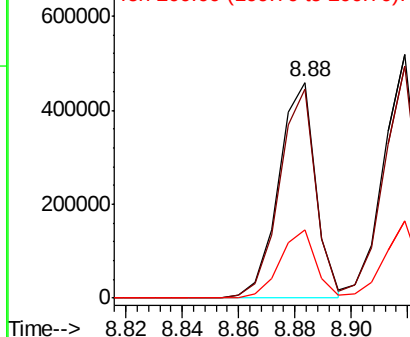


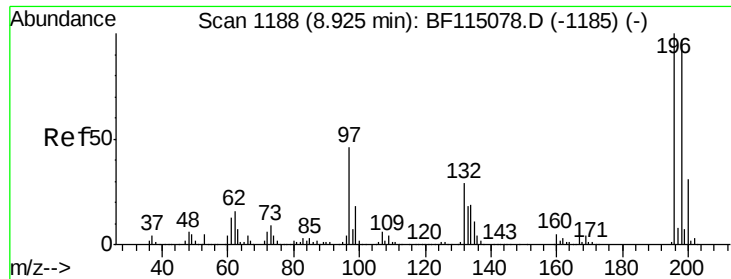
#43
 2,4,6-Trichlorophenol
 Concen: 38.590 ng
 RT: 8.88 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF115114.D
 Acq: 22 Jun 2019 12:23

Tgt Ion:196 Resp: 418070
 Ion Ratio Lower Upper
 196 100
 198 96.9 76.3 114.5
 200 31.7 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

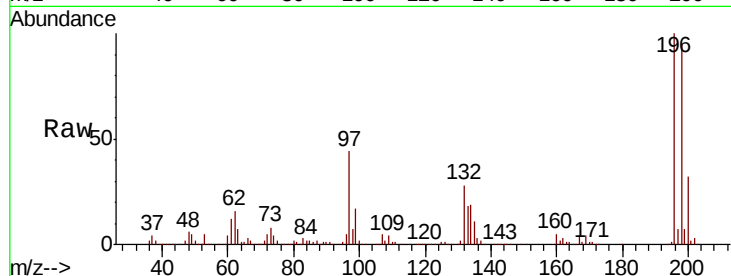




#44
 2,4,5-Trichlorophenol
 Concen: 39.763 ng
 RT: 8.92 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF115114.D
 Acq: 22 Jun 2019 12:23

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

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.3	77.1	115.7
97	44.2	37.7	56.5
132	28.2	23.1	34.7



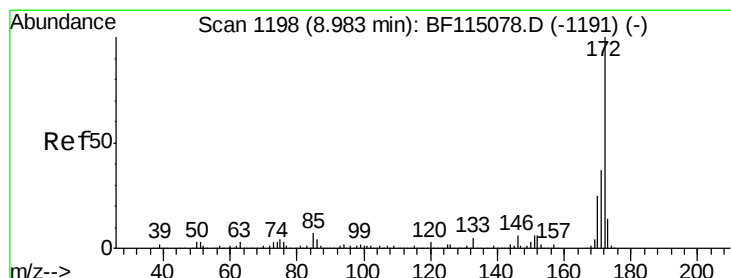
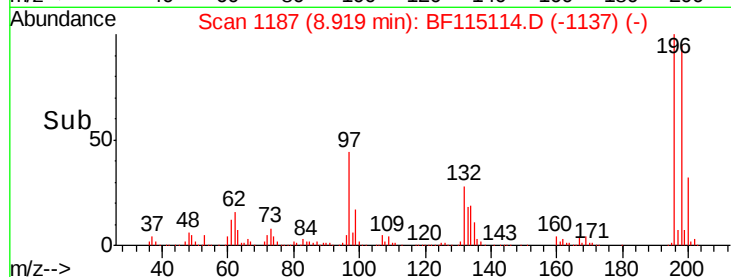
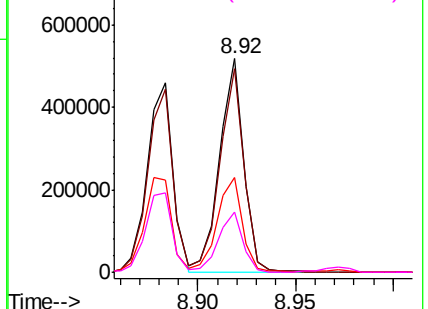
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

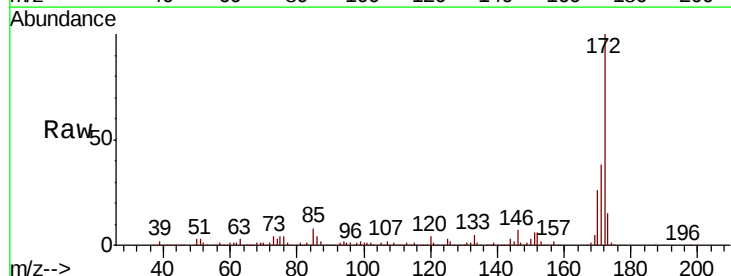
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#45
 2-Fluorobiphenyl
 Concen: 89.369 ng
 RT: 8.97 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF115114.D
 Acq: 22 Jun 2019 12:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	29.8	44.6
170	25.8	20.3	30.5

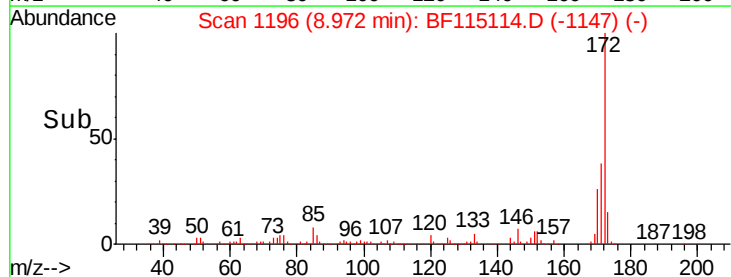
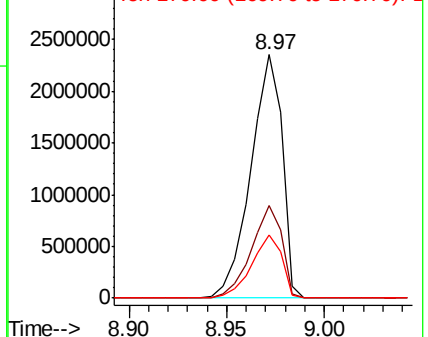


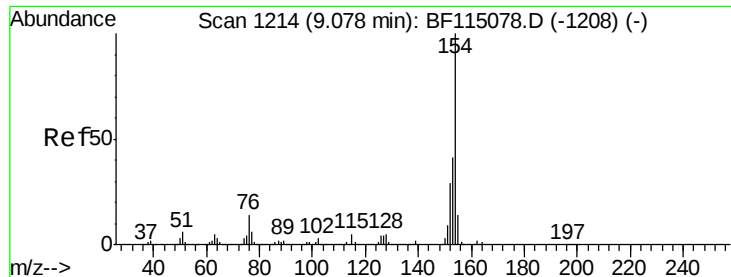
Abundance

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

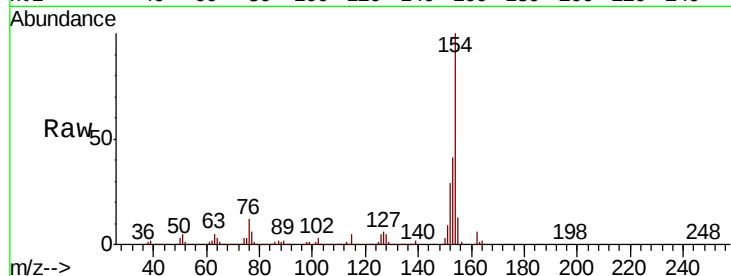




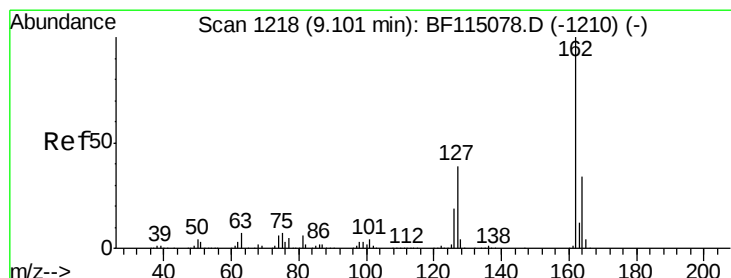
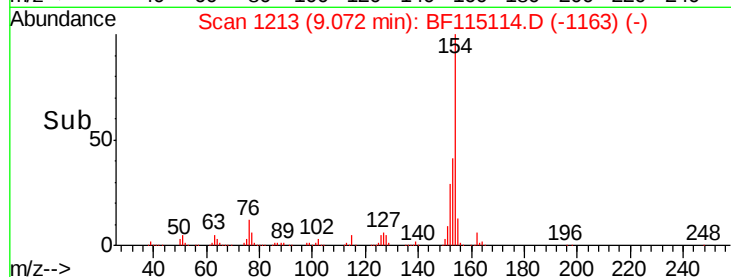
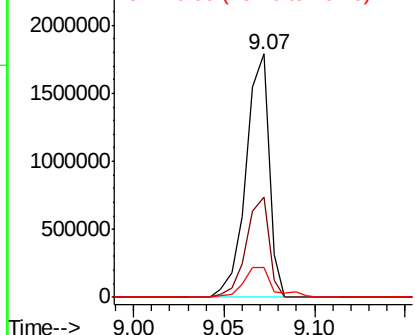
#46
1,1'-Biphenyl
Concen: 39.981 ng
RT: 9.07 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF115114.D
Acq: 22 Jun 2019 12:23

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

Tot Ion:154 Resp: 1588594
Ion Ratio Lower Upper
154 100
153 41.2 20.9 60.9
76 12.4 0.0 34.1

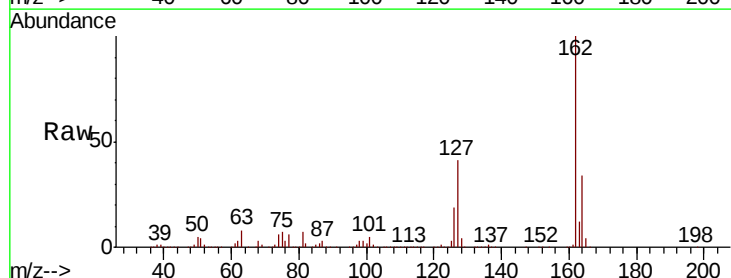


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

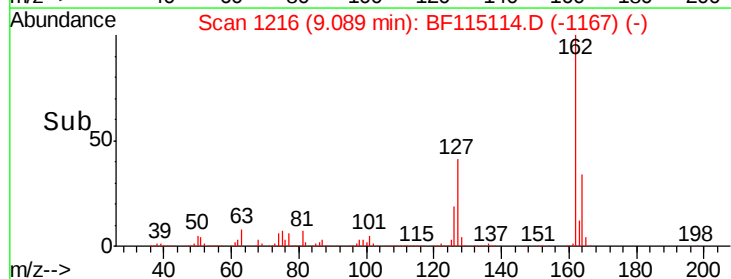
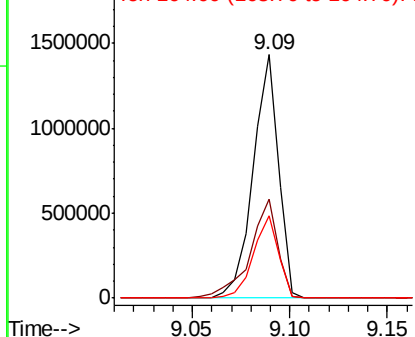


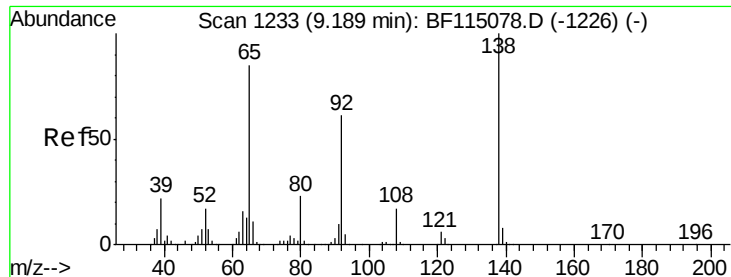
#47
2-Chloronaphthalene
Concen: 40.135 ng
RT: 9.09 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF115114.D
Acq: 22 Jun 2019 12:23

Tgt Ion:162 Resp: 1293556
Ion Ratio Lower Upper
162 100
127 40.6 30.8 46.2
164 33.8 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

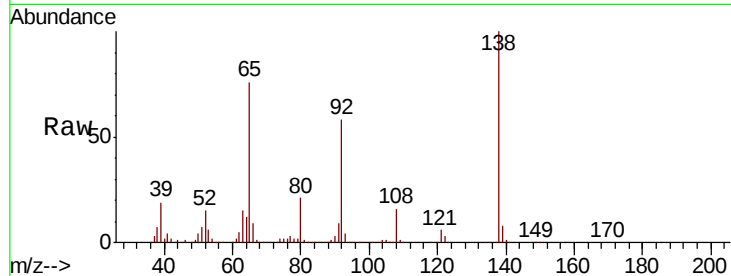




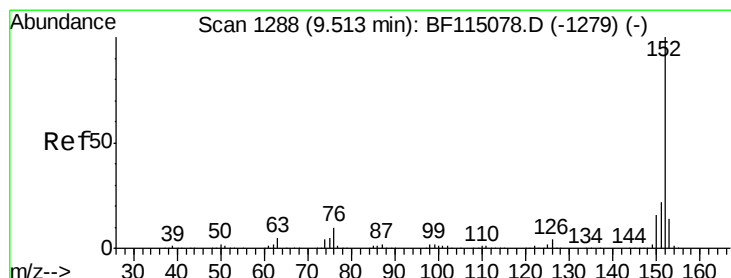
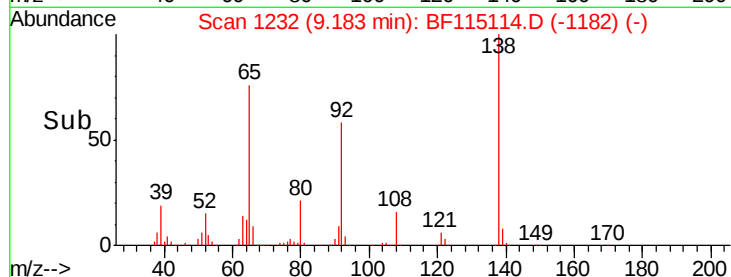
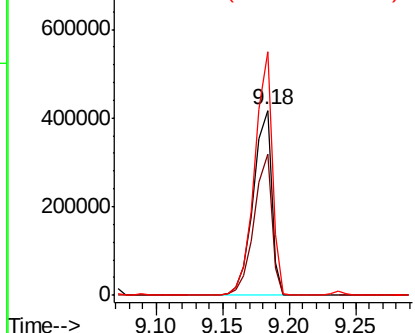
#48
2-Nitroaniline
Concen: 41.847 ng
RT: 9.18 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF115114.D
Acq: 22 Jun 2019 12:23

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

Tot Ion: 65 Resp: 393217
Ion Ratio Lower Upper
65 100
92 76.3 57.4 86.2
138 131.6 94.1 141.1

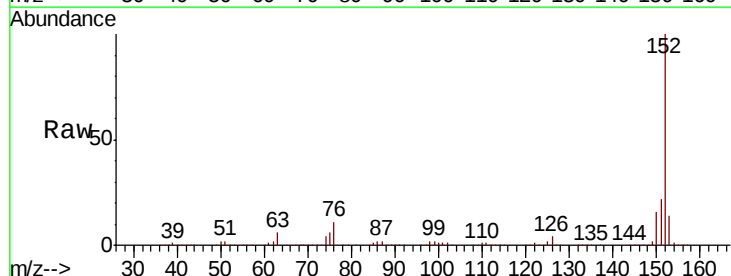


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

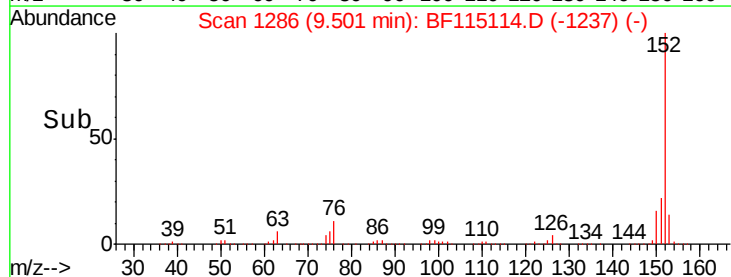
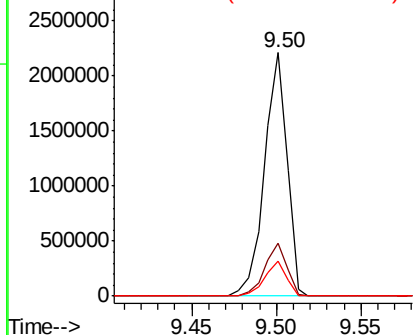


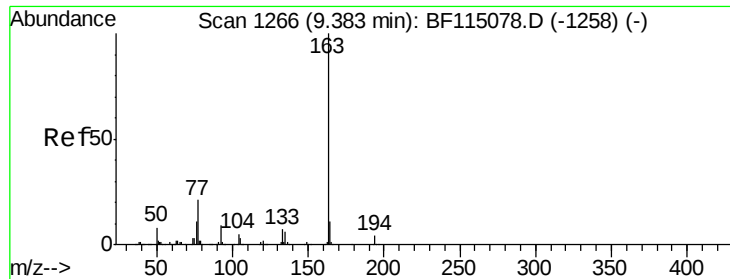
#49
Acenaphthylene
Concen: 40.701 ng
RT: 9.50 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BF115114.D
Acq: 22 Jun 2019 12:23

Tgt Ion: 152 Resp: 2043868
Ion Ratio Lower Upper
152 100
151 21.8 17.2 25.8
153 14.4 11.0 16.6



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

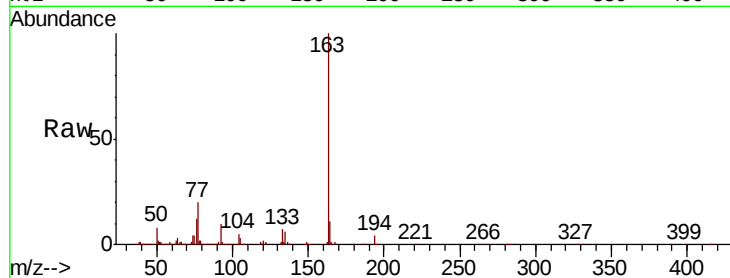




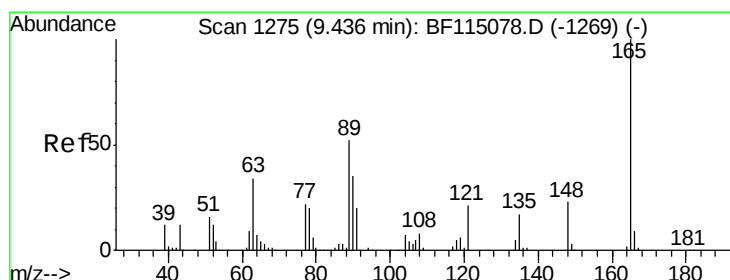
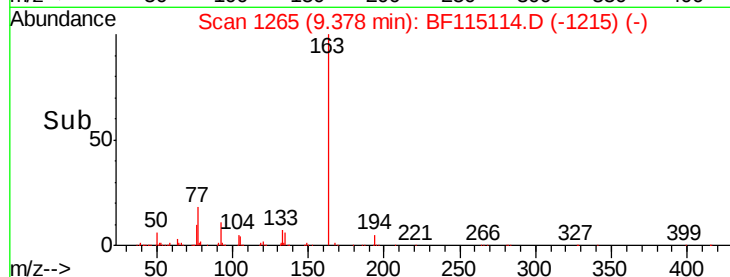
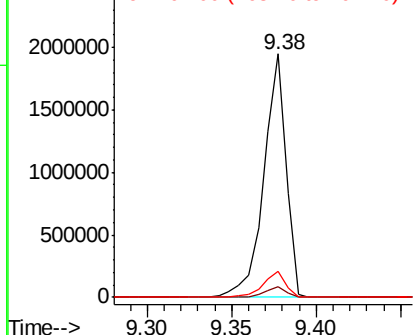
#50
Dimethylphthalate
Concen: 48.554 ng
RT: 9.38 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BF115114.D
Acq: 22 Jun 2019 12:23

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

Tot Ion:163 Resp: 1773913
Ion Ratio Lower Upper
163 100
194 4.3 3.2 4.8
164 10.9 8.6 13.0

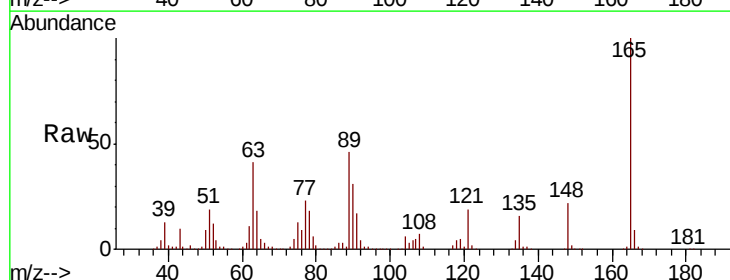


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

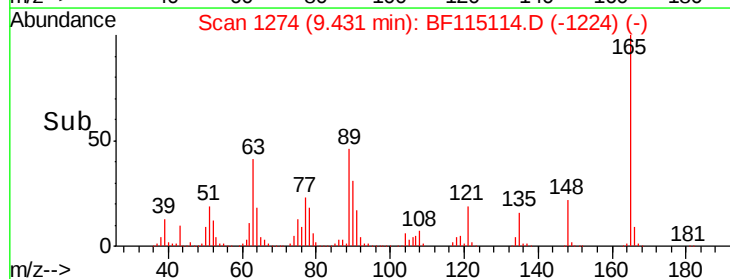
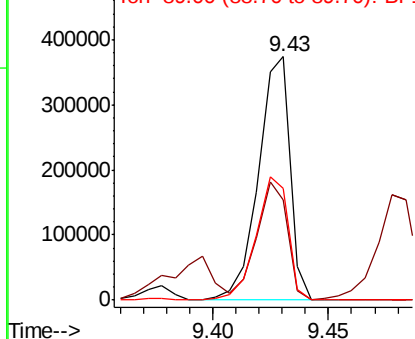


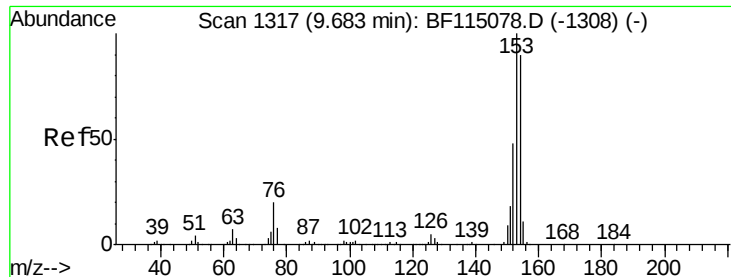
#51
2,6-Dinitrotoluene
Concen: 42.472 ng
RT: 9.43 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF115114.D
Acq: 22 Jun 2019 12:23

Tgt Ion:165 Resp: 358239
Ion Ratio Lower Upper
165 100
63 41.2 39.4 59.2
89 46.0 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: 38.063 ng

RT: 9.67 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF115114.D

Acq: 22 Jun 2019 12:23

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-008-AMS

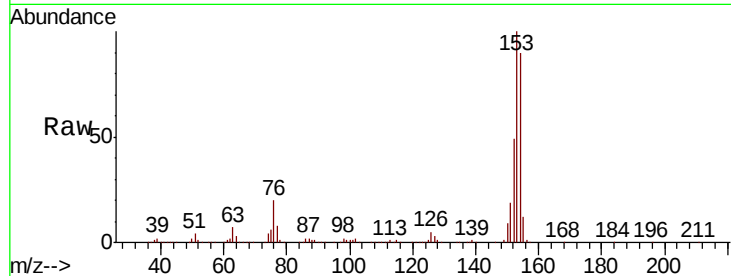
Tot Ion:154 Resp: 1196055

Ion Ratio Lower Upper

154 100

153 110.6 88.7 133.1

152 54.7 42.6 64.0

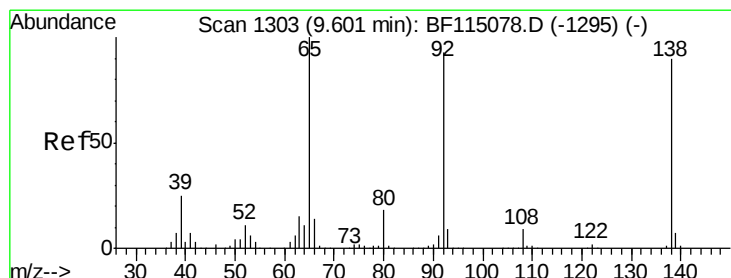
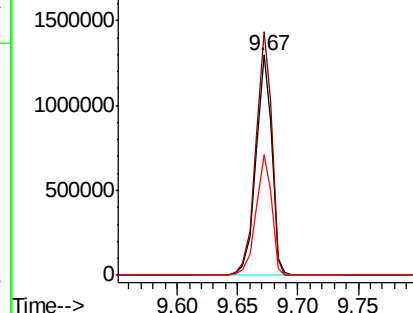
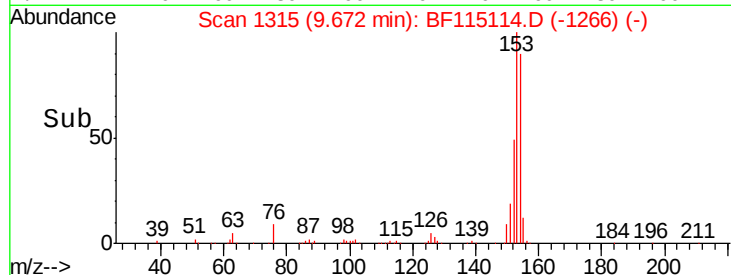


Abundance

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: 31.495 ng

RT: 9.59 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BF115114.D

Acq: 22 Jun 2019 12:23

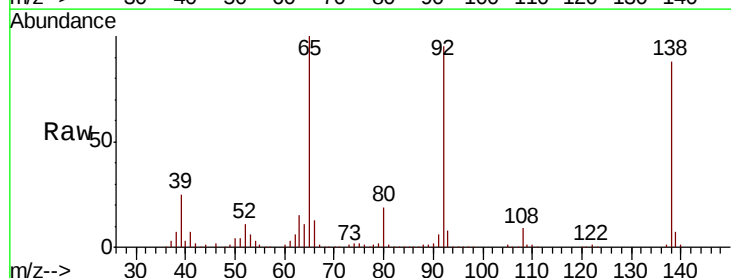
Tgt Ion:138 Resp: 324182

Ion Ratio Lower Upper

138 100

108 9.8 7.8 11.6

92 108.0 82.9 124.3

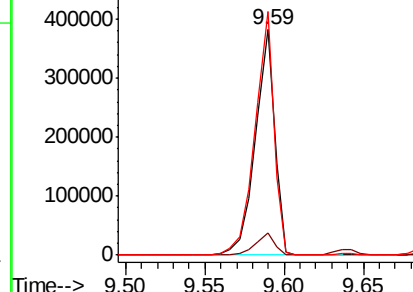
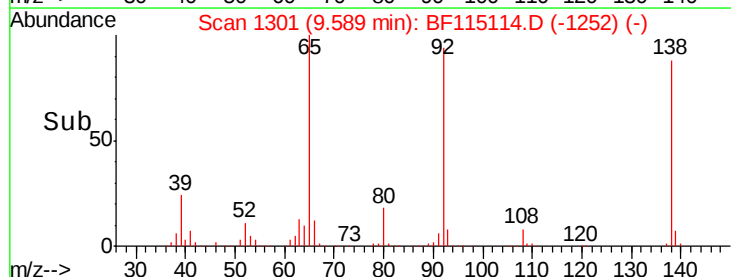


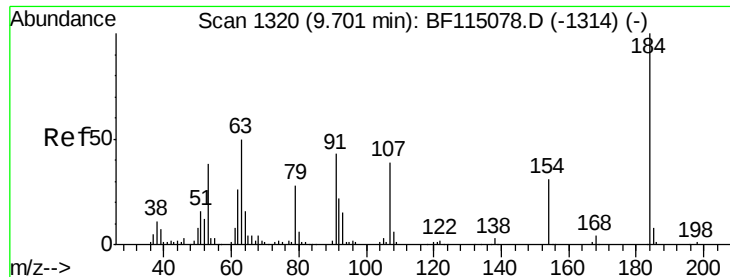
Abundance

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

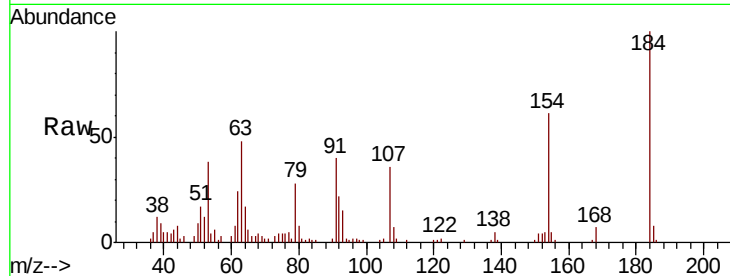




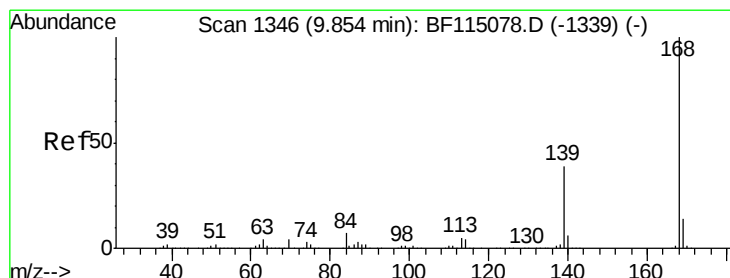
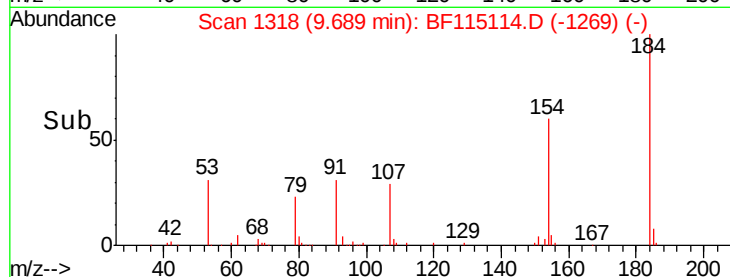
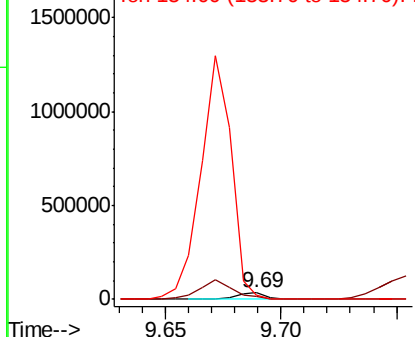
#54
2,4-Dinitrophenol
Concen: 13.272 ng
RT: 9.69 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF115114.D
Acq: 22 Jun 2019 12:23

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

Tot Ion:184 Resp: 28330
Ion Ratio Lower Upper
184 100
63 48.2 41.9 62.9
154 60.8 44.7 67.1

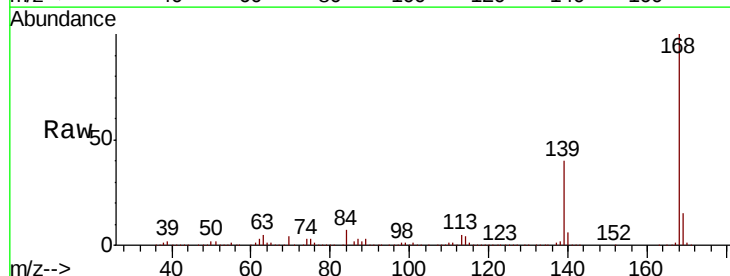


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

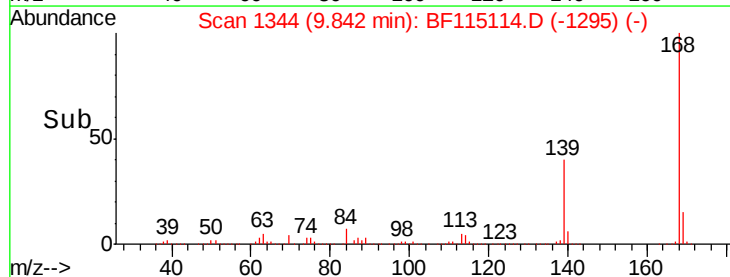
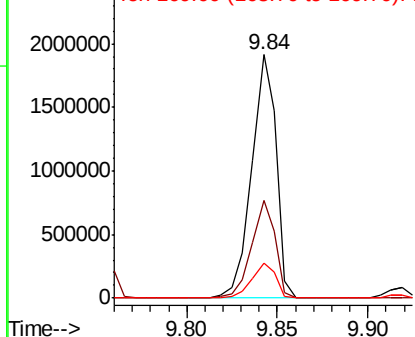


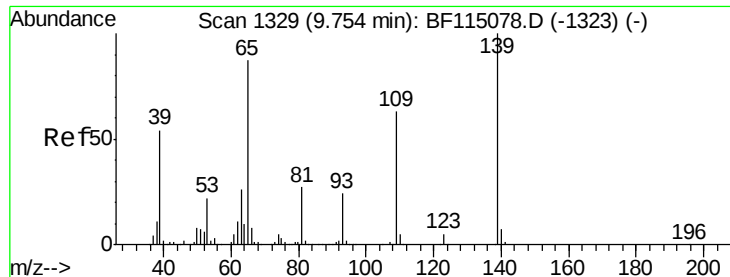
#55
Dibenzofuran
Concen: 39.697 ng
RT: 9.84 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF115114.D
Acq: 22 Jun 2019 12:23

Tgt Ion:168 Resp: 1790342
Ion Ratio Lower Upper
168 100
139 40.1 31.1 46.7
169 14.5 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

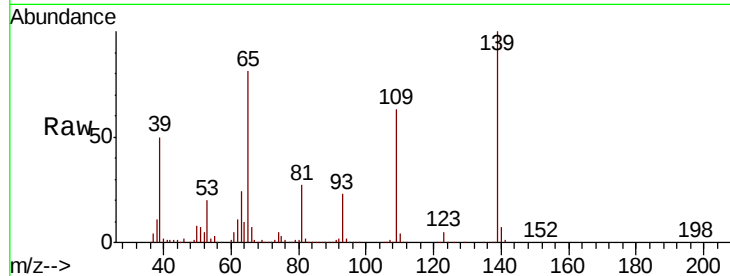




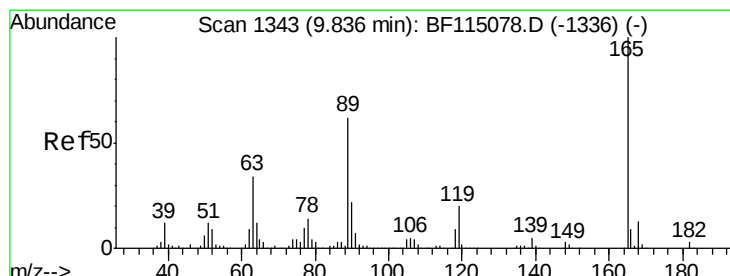
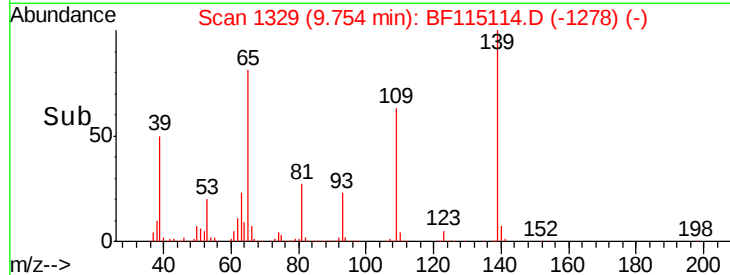
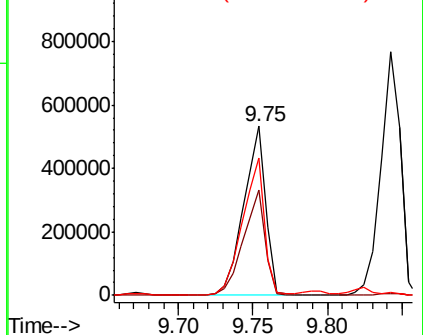
#56
4-Nitrophenol
Concen: 66.295 ng
RT: 9.75 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BF115114.D
Acq: 22 Jun 2019 12:23

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

Tot Ion:139 Resp: 547073
Ion Ratio Lower Upper
139 100
109 62.6 43.0 83.0
65 81.1 67.0 107.0

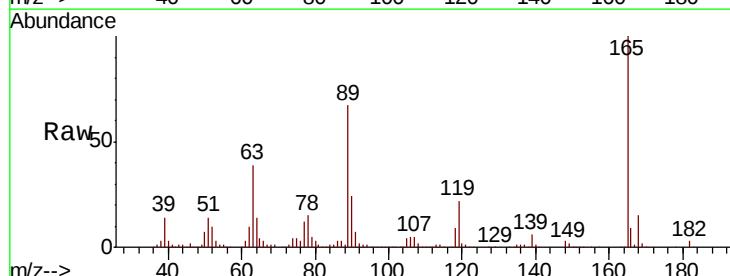


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

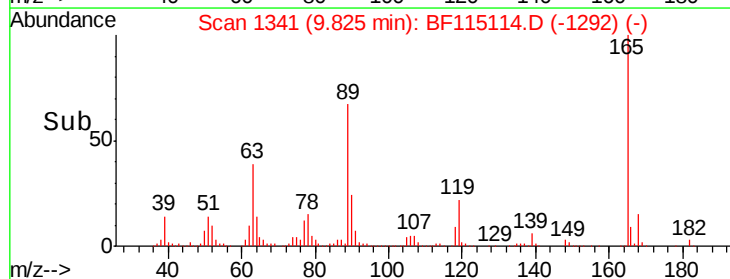
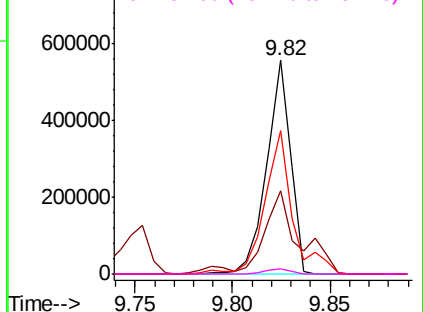


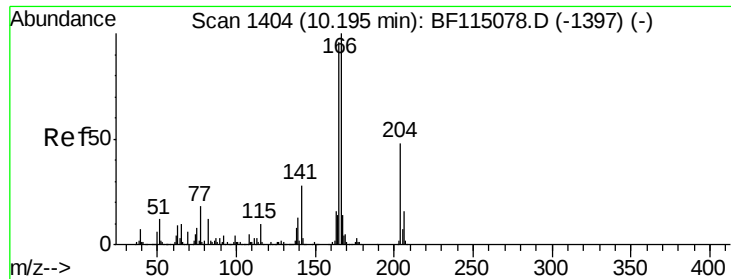
#57
2,4-Dinitrotoluene
Concen: 43.278 ng
RT: 9.82 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF115114.D
Acq: 22 Jun 2019 12:23

Tgt Ion:165 Resp: 471346
Ion Ratio Lower Upper
165 100
63 38.7 27.5 41.3
89 67.4 49.9 74.9
182 2.6 2.1 3.1



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

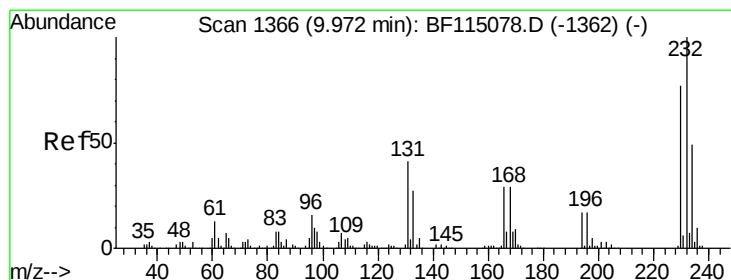
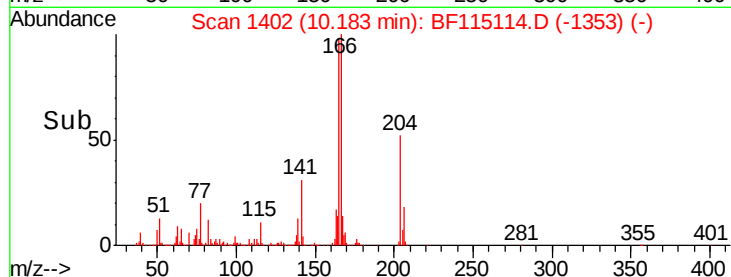
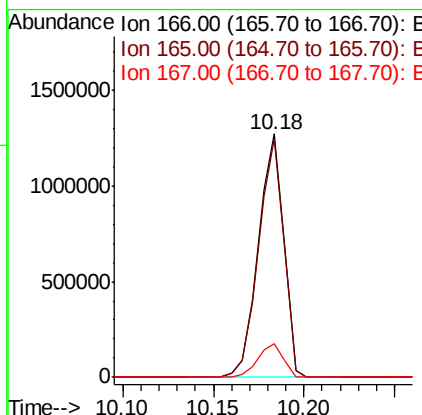
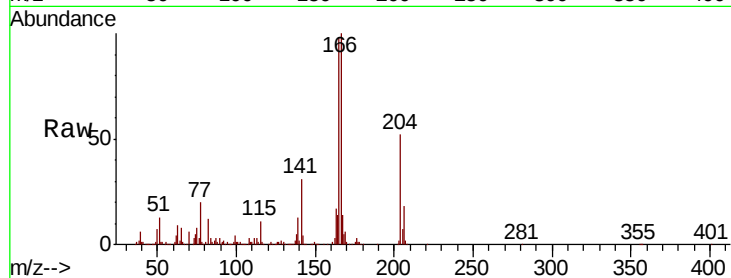




#58
 Fluorene
 Concen: 40.546 ng
 RT: 10.18 min Scan# 1402
 Delta R.T. -0.01 min
 Lab File: BF115114.D
 Acq: 22 Jun 2019 12:23

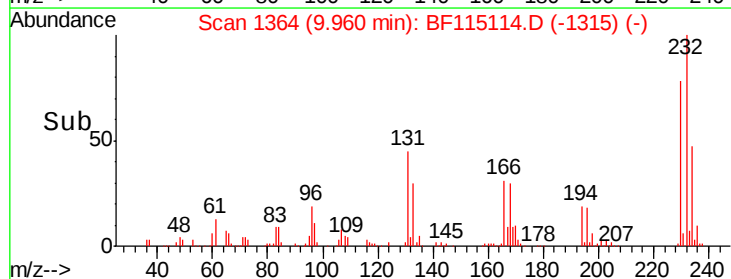
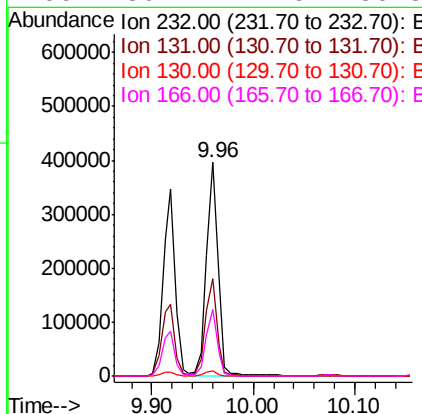
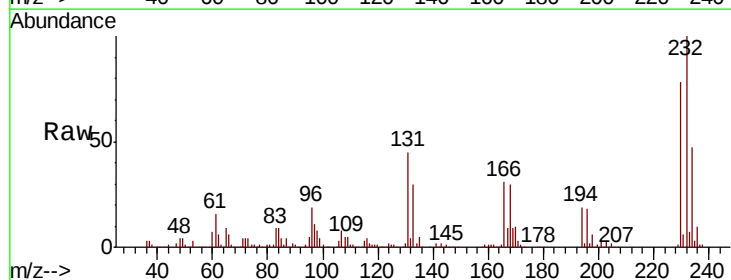
Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-008-AMS

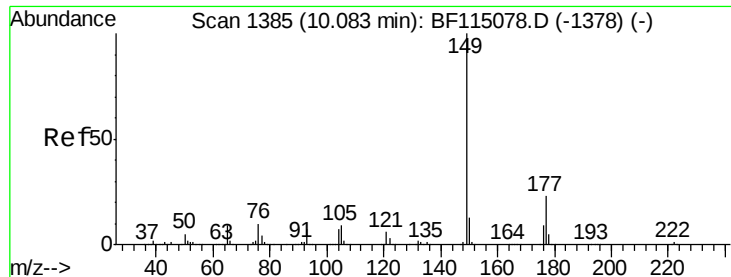
Tot Ion:166 Resp: 1237058
 Ion Ratio Lower Upper
 166 100
 165 97.8 76.5 114.7
 167 13.8 11.0 16.4



#59
 2,3,4,6-Tetrachlorophenol
 Concen: 33.516 ng
 RT: 9.96 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: BF115114.D
 Acq: 22 Jun 2019 12:23

Tgt Ion:232 Resp: 313542
 Ion Ratio Lower Upper
 232 100
 131 45.4 37.4 56.0
 130 2.2 1.8 2.6
 166 30.7 24.6 36.8

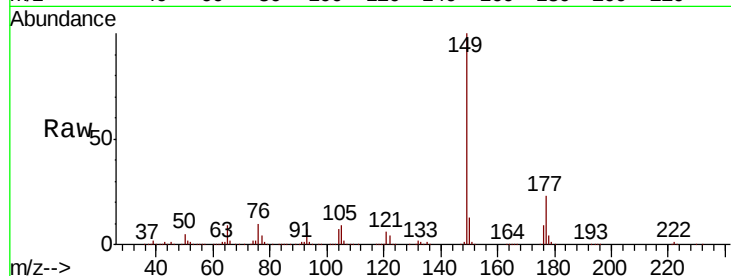




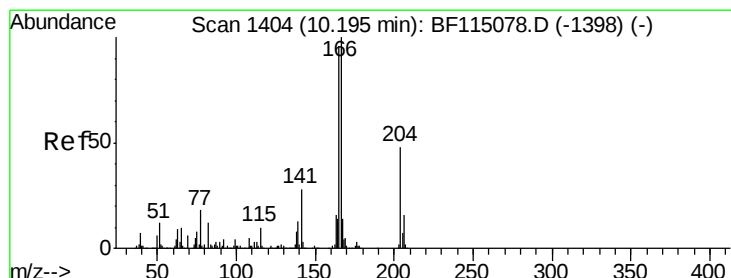
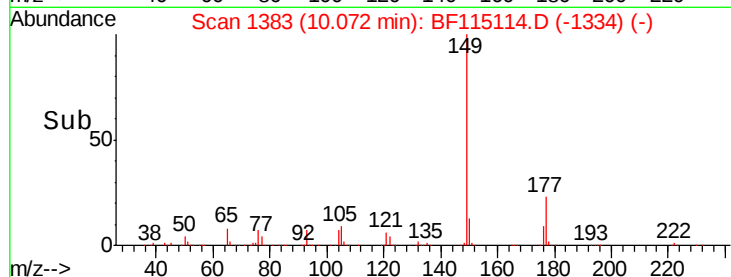
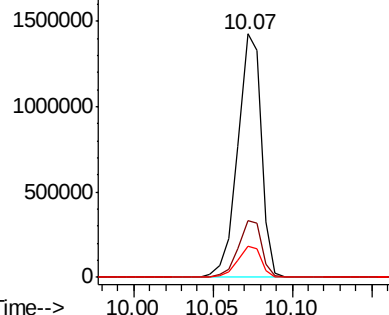
#60
Diethylphthalate
Concen: 40.242 ng
RT: 10.07 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BF115114.D
Acq: 22 Jun 2019 12:23

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

Tot Ion:149 Resp: 1477893
Ion Ratio Lower Upper
149 100
177 23.1 18.7 28.1
150 13.0 10.4 15.6

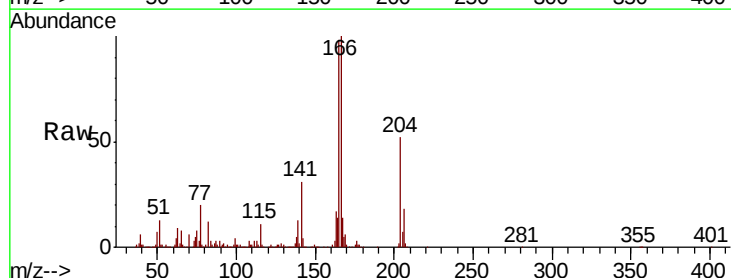


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

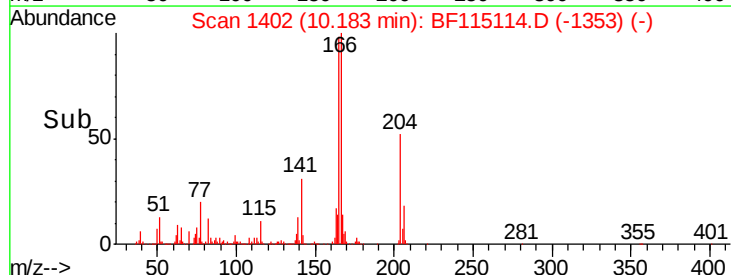
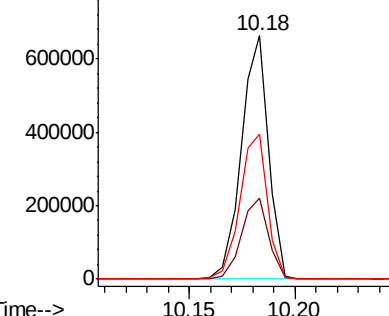


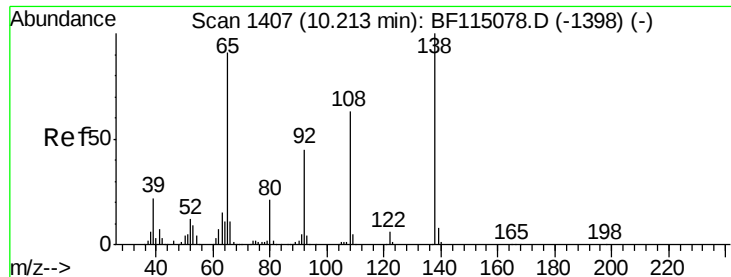
#61
4-Chlorophenyl-phenylether
Concen: 40.773 ng
RT: 10.18 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF115114.D
Acq: 22 Jun 2019 12:23

Tgt Ion:204 Resp: 590932
Ion Ratio Lower Upper
204 100
206 33.6 26.6 40.0
141 59.4 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

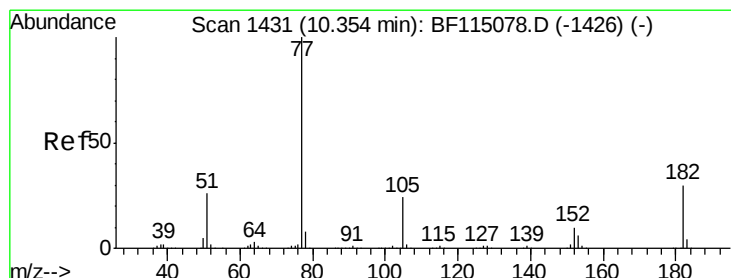
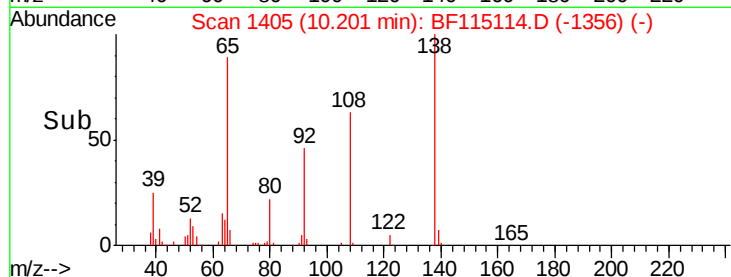
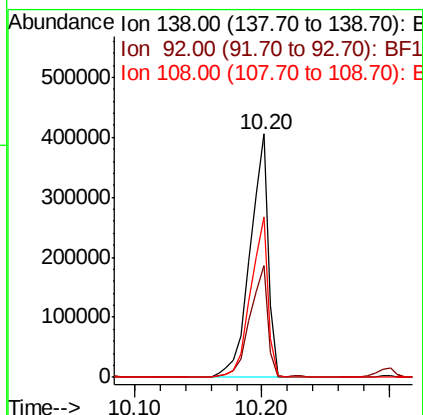
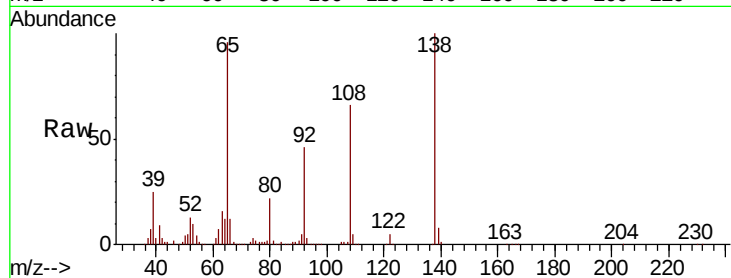




#62
4-Nitroaniline
Concen: 39.502 ng
RT: 10.20 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF115114.D
Acq: 22 Jun 2019 12:23

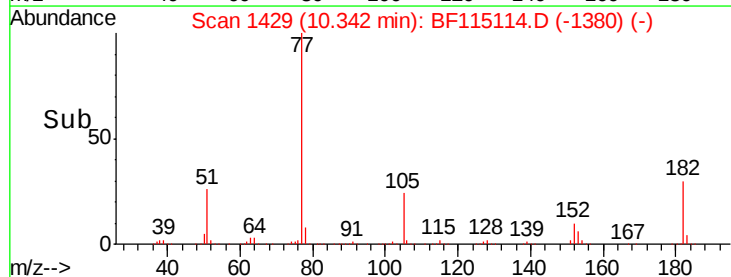
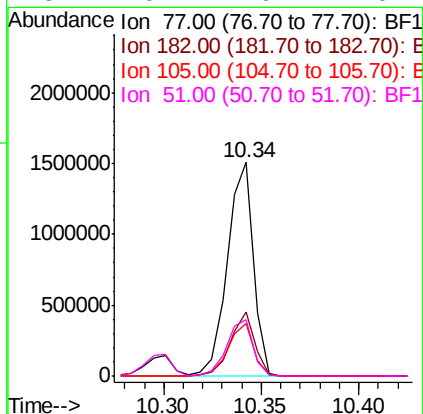
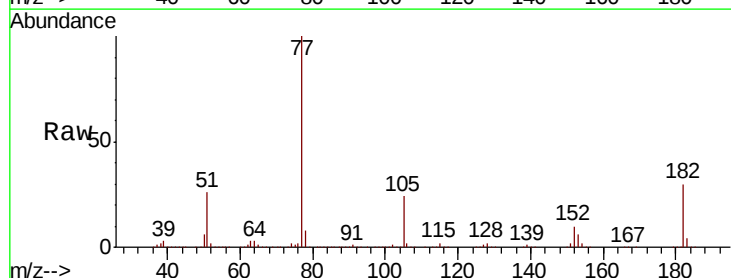
Instrument :
BNA_F
ClientSampleId :
FK-SF-03-008-AMS

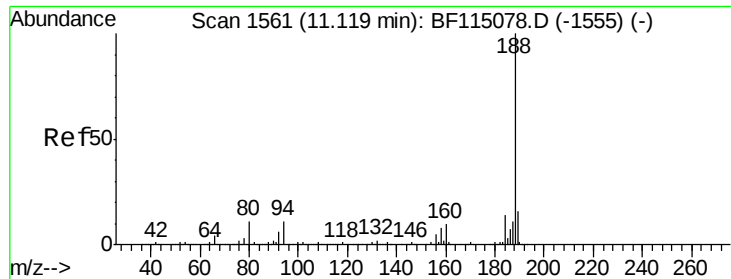
Tot Ion:138 Resp: 407901
Ion Ratio Lower Upper
138 100
92 46.1 24.8 64.8
108 65.7 43.3 83.3



#63
Azobenzene
Concen: 40.479 ng
RT: 10.34 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF115114.D
Acq: 22 Jun 2019 12:23

Tgt Ion: 77 Resp: 1388540
Ion Ratio Lower Upper
77 100
182 29.8 10.1 50.1
105 24.3 4.5 44.5
51 26.1 6.4 46.4

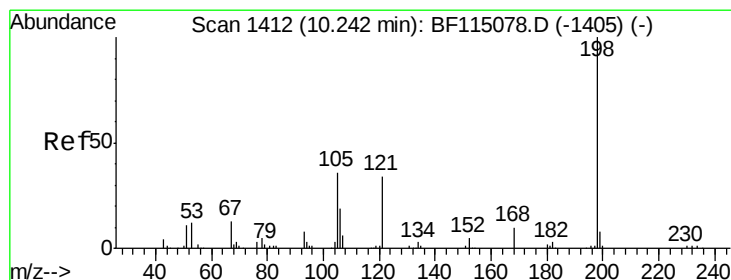
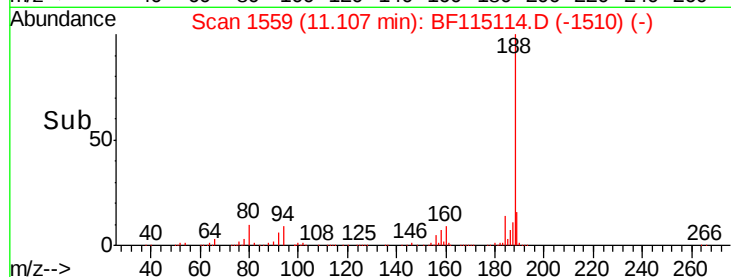
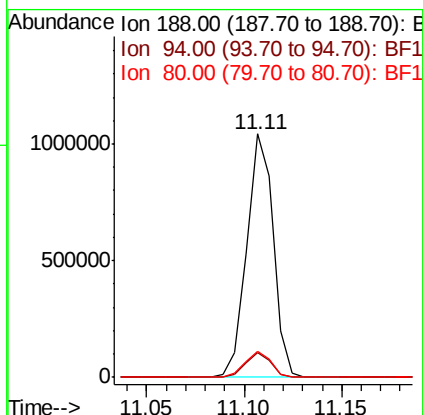
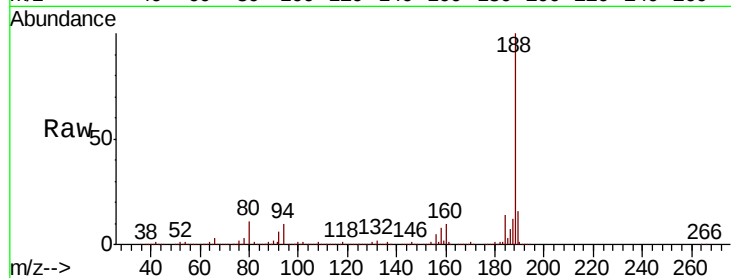




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.11 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF115114.D
Acq: 22 Jun 2019 12:23

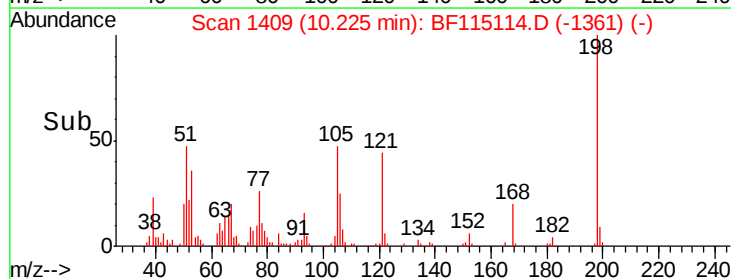
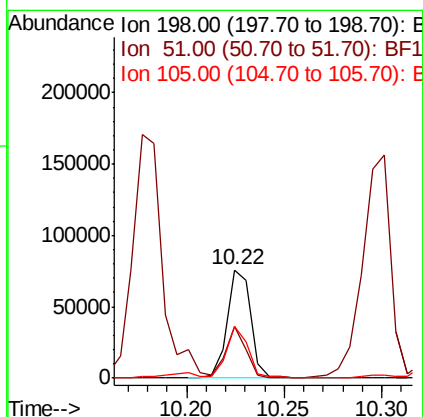
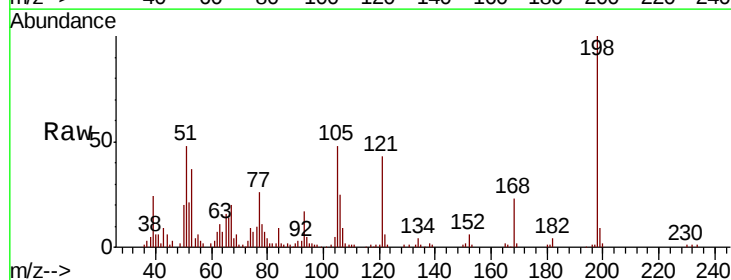
Instrument :
BNA_F
ClientSampleId :
FK-SF-03-008-AMS

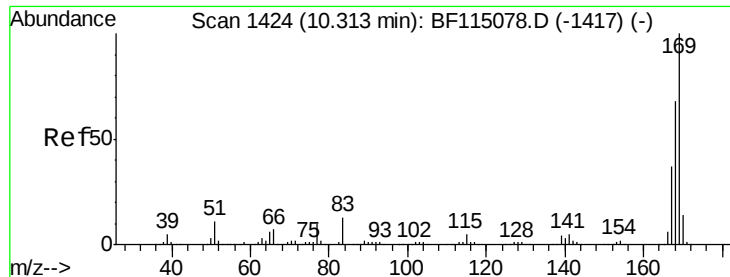
Tot Ion:188 Resp: 980639
Ion Ratio Lower Upper
188 100
94 10.3 8.6 12.8
80 10.6 8.8 13.2



#65
4,6-Dinitro-2-methylphenol
Concen: 15.866 ng
RT: 10.22 min Scan# 1409
Delta R.T. -0.02 min
Lab File: BF115114.D
Acq: 22 Jun 2019 12:23

Tgt Ion:198 Resp: 63464
Ion Ratio Lower Upper
198 100
51 47.6 11.0 51.0
105 47.8 17.3 57.3



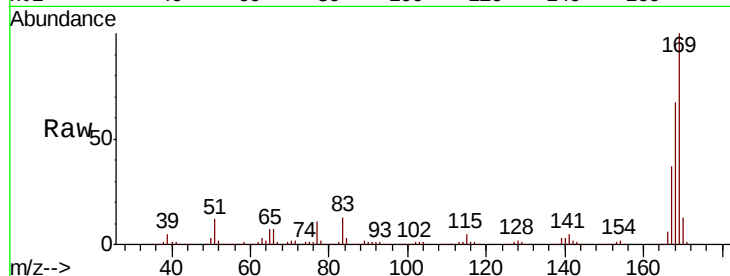


#66
 n-Nitrosodiphenylamine
 Concen: 41.183 ng
 RT: 10.30 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BF115114.D
 Acq: 22 Jun 2019 12:23

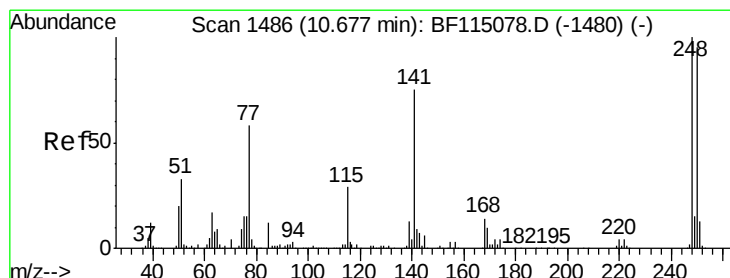
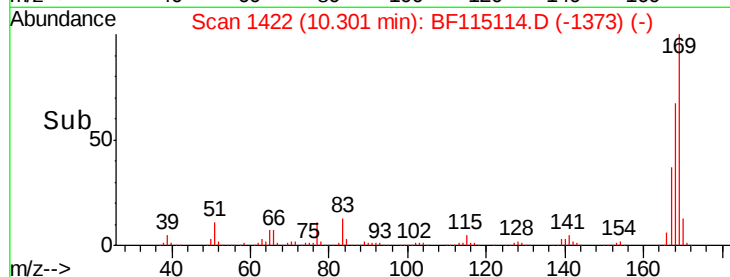
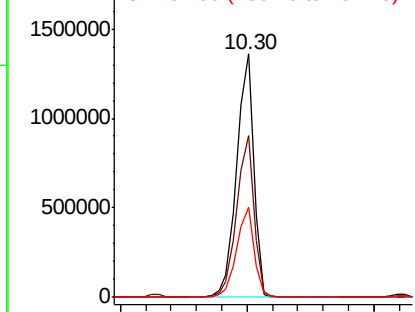
Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-008-AMS

Tot Ion:169 Resp: 1258197

Ion	Ratio	Lower	Upper
169	100		
168	66.6	54.2	81.4
167	37.0	29.4	44.0



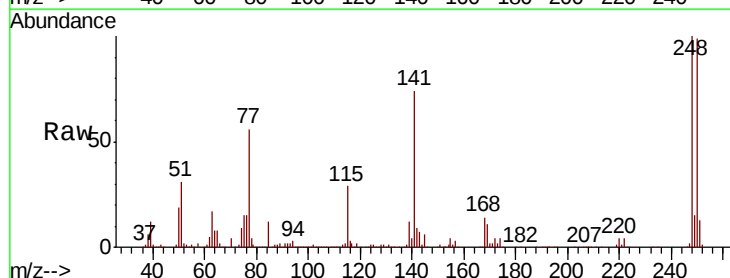
Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E



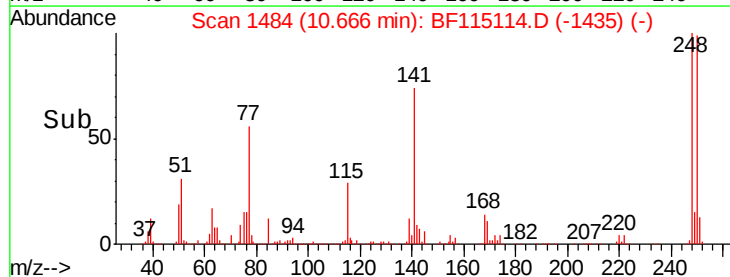
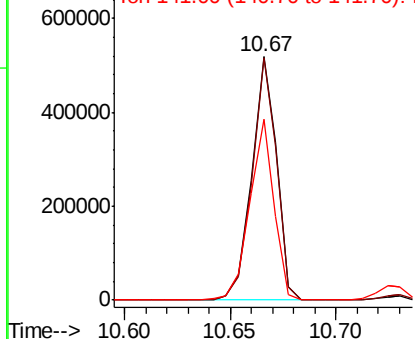
#67
 4-Bromophenyl-phenylether
 Concen: 39.978 ng
 RT: 10.67 min Scan# 1484
 Delta R.T. -0.01 min
 Lab File: BF115114.D
 Acq: 22 Jun 2019 12:23

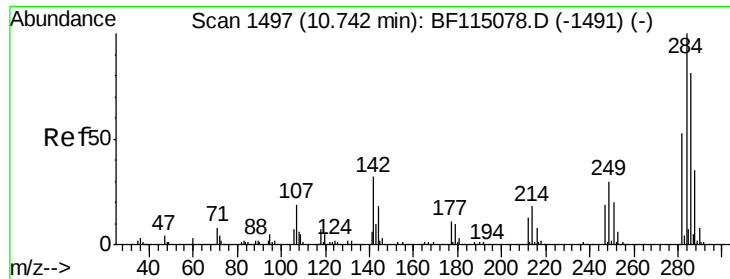
Tgt Ion:248 Resp: 425052

Ion	Ratio	Lower	Upper
248	100		
250	99.4	76.2	114.2
141	74.1	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: 39.728 ng

RT: 10.73 min Scan# 1495

Delta R.T. -0.01 min

Lab File: BF115114.D

Acq: 22 Jun 2019 12:23

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-008-AMS

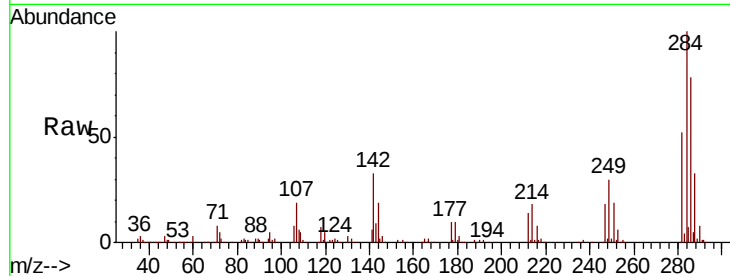
Tot Ion:284 Resp: 458481

Ion Ratio Lower Upper

284 100

142 32.7 25.8 38.8

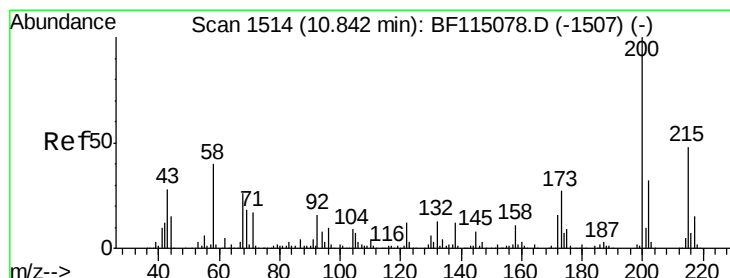
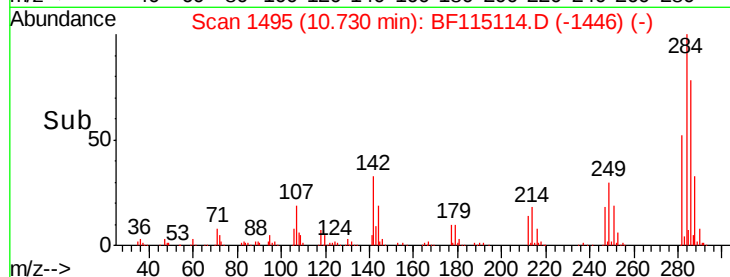
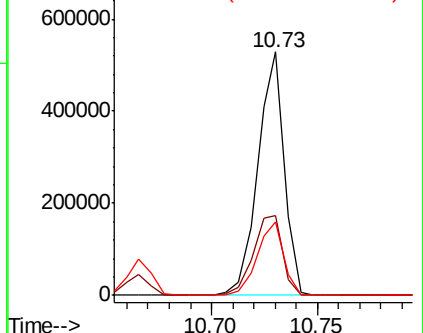
249 30.0 24.2 36.4



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: 38.207 ng

RT: 10.83 min Scan# 1512

Delta R.T. -0.01 min

Lab File: BF115114.D

Acq: 22 Jun 2019 12:23

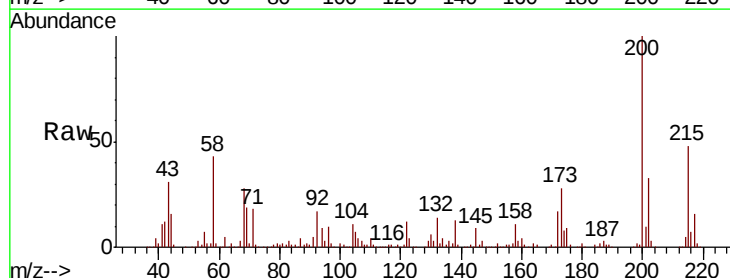
Tgt Ion:200 Resp: 375491

Ion Ratio Lower Upper

200 100

173 28.3 7.4 47.4

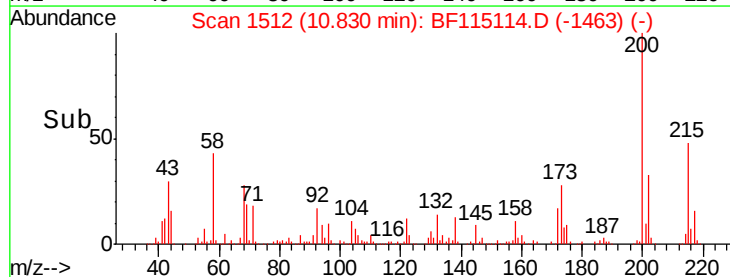
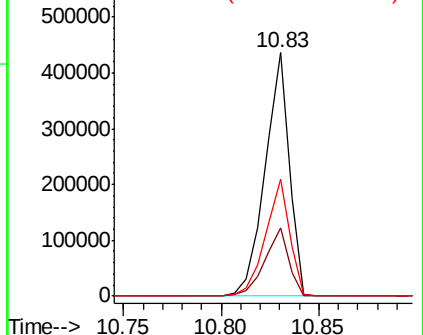
215 48.2 27.8 67.8

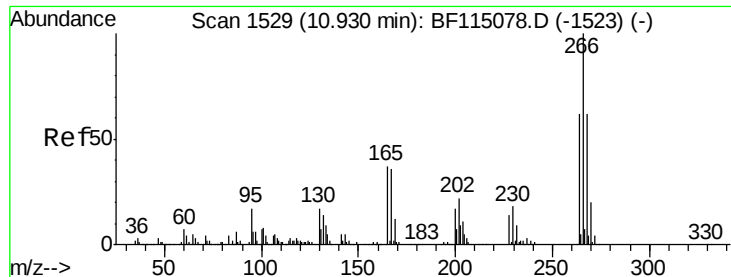


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

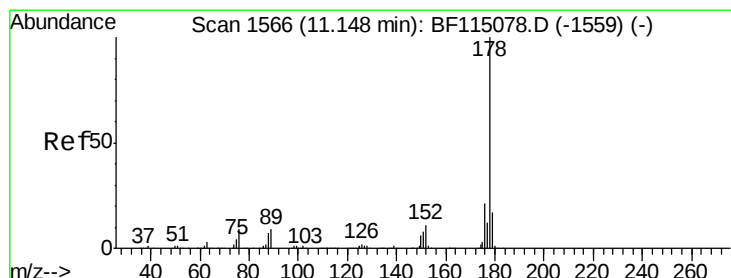
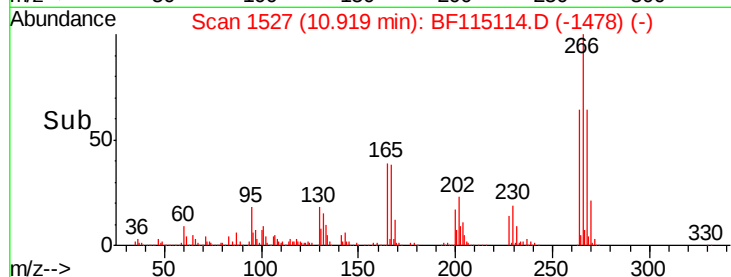
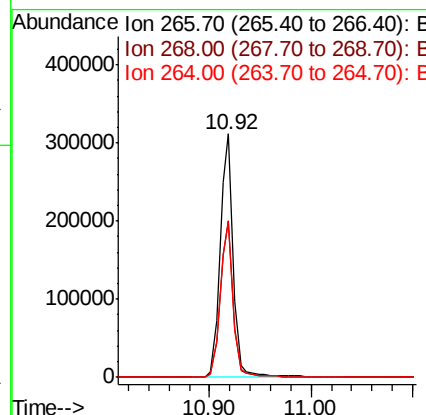
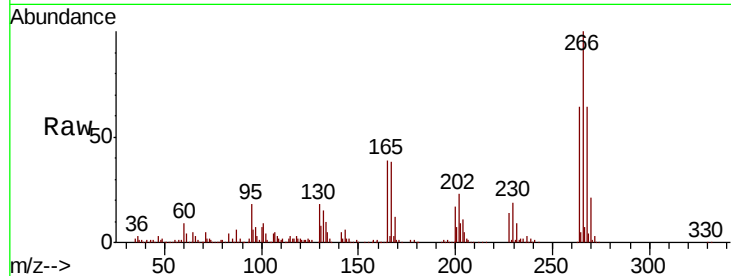




#70
 Pentachlorophenol
 Concen: 38.099 ng
 RT: 10.92 min Scan# 1527
 Delta R.T. -0.01 min
 Lab File: BF115114.D
 Acq: 22 Jun 2019 12:23

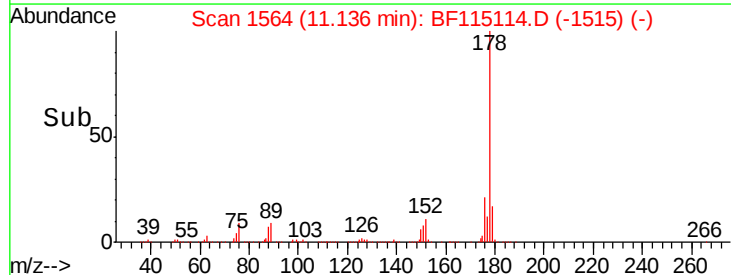
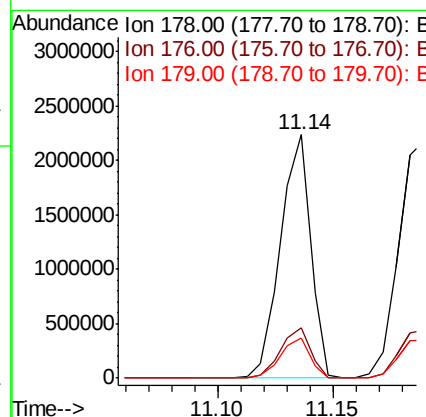
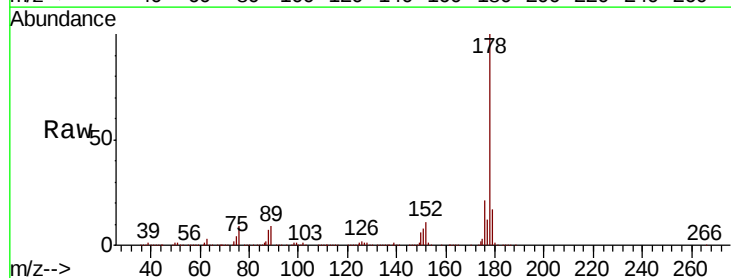
Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-008-AMS

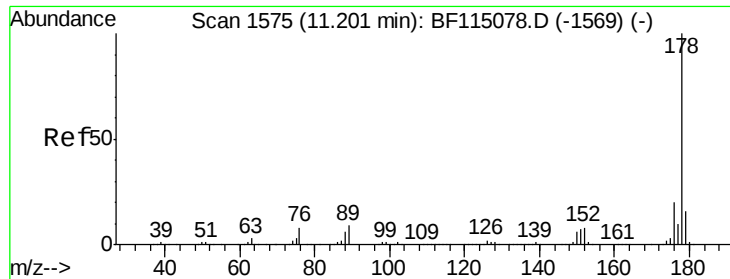
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.4	49.5	74.3
264	63.9	49.3	73.9



#71
 Phenanthrene
 Concen: 38.480 ng
 RT: 11.14 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF115114.D
 Acq: 22 Jun 2019 12:23

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.9	16.9	25.3
179	16.6	13.2	19.8

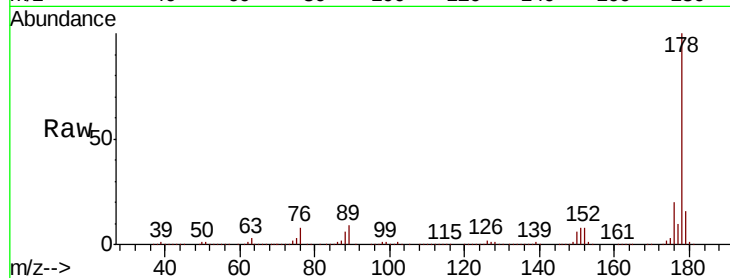




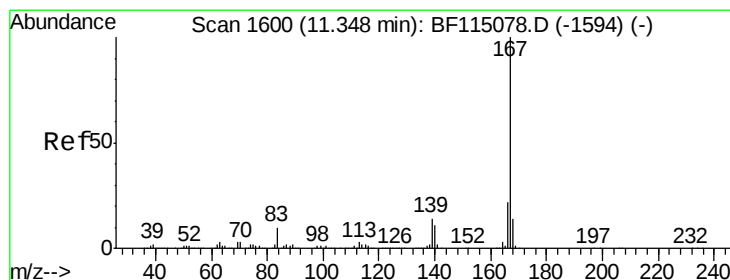
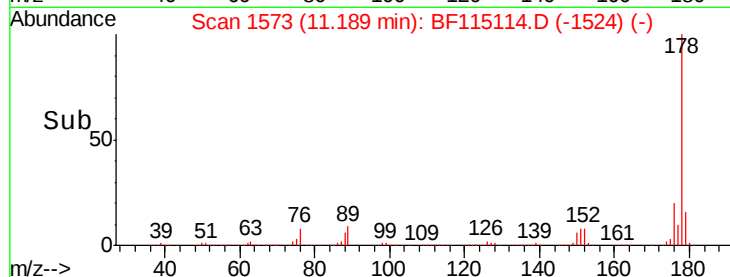
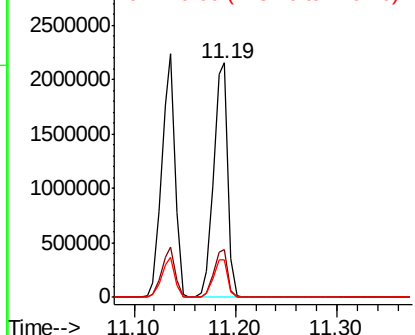
#72
 Anthracene
 Concen: 39.013 ng
 RT: 11.19 min Scan# 1573
 Delta R.T. -0.01 min
 Lab File: BF115114.D
 Acq: 22 Jun 2019 12:23

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

Tot Ion:178 Resp: 2079264
 Ion Ratio Lower Upper
 178 100
 176 20.2 16.1 24.1
 179 16.2 12.9 19.3

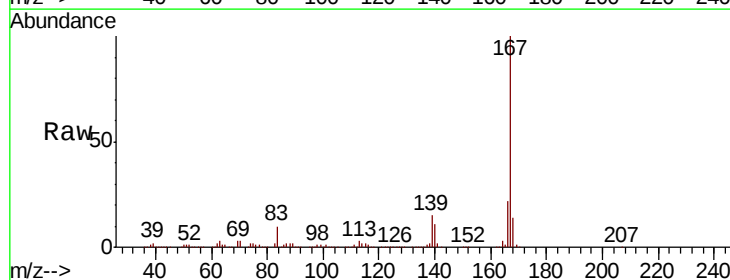


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

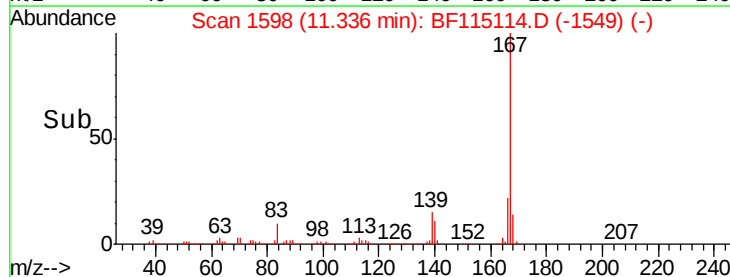
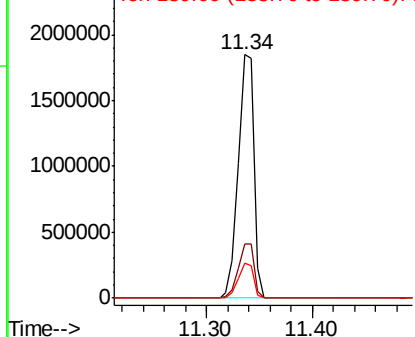


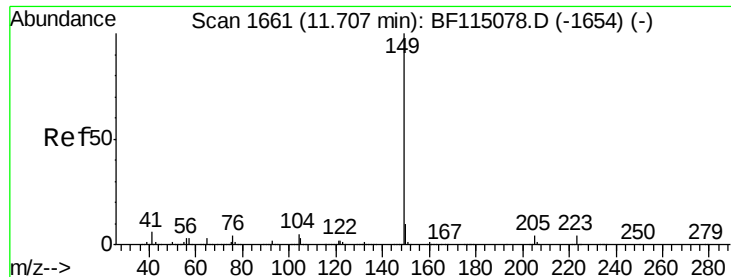
#73
 Carbazole
 Concen: 39.216 ng
 RT: 11.34 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BF115114.D
 Acq: 22 Jun 2019 12:23

Tgt Ion:167 Resp: 1866356
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.0 27.0
 139 14.5 11.1 16.7



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 40.298 ng

RT: 11.69 min Scan# 1658

Delta R.T. -0.02 min

Lab File: BF115114.D

Acq: 22 Jun 2019 12:23

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-008-AMS

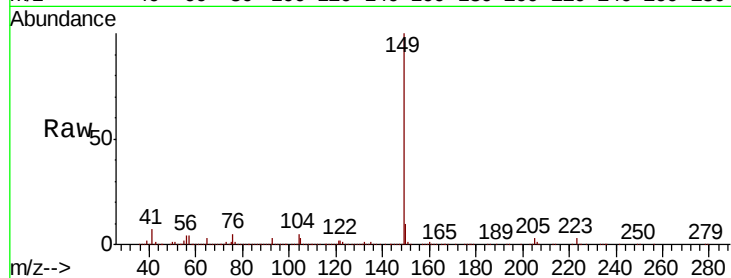
Tot Ion:149 Resp: 2216227

Ion Ratio Lower Upper

149 100

150 10.3 7.8 11.8

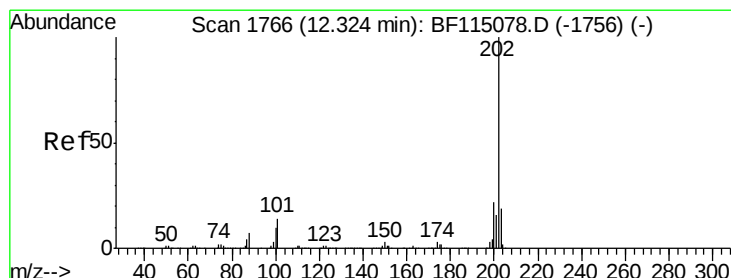
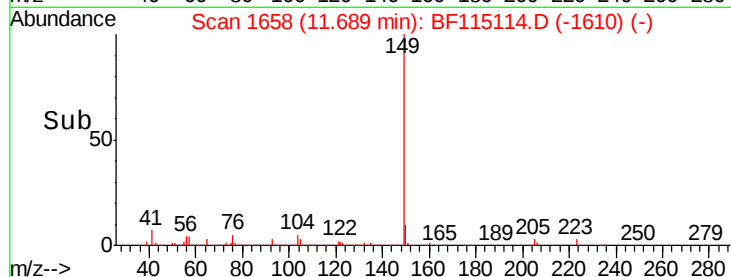
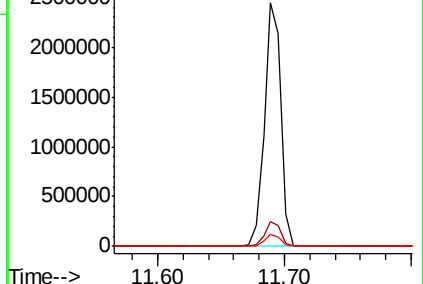
104 5.0 3.7 5.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 38.947 ng

RT: 12.31 min Scan# 1764

Delta R.T. -0.01 min

Lab File: BF115114.D

Acq: 22 Jun 2019 12:23

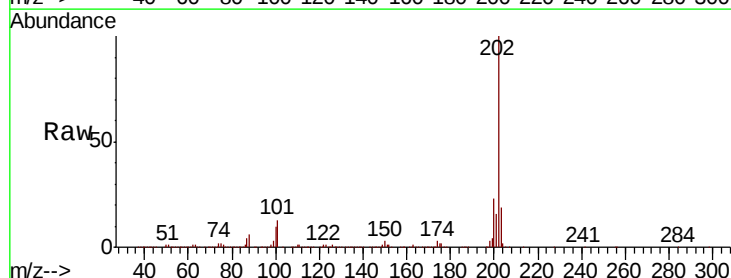
Tgt Ion:202 Resp: 2051726

Ion Ratio Lower Upper

202 100

101 13.1 0.0 34.0

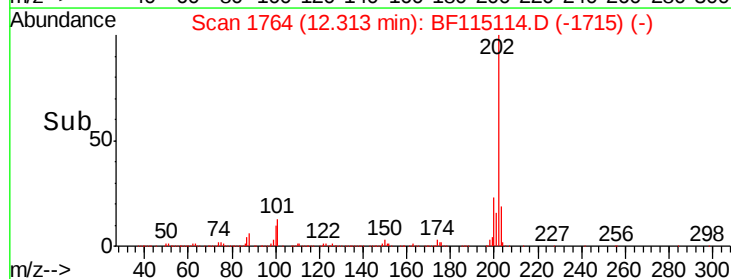
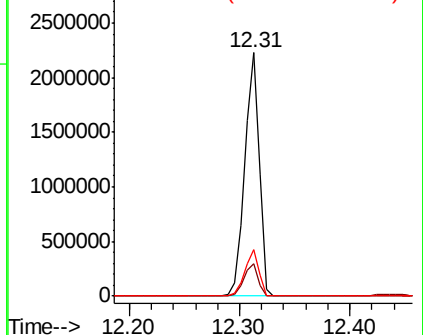
203 19.0 0.0 38.8

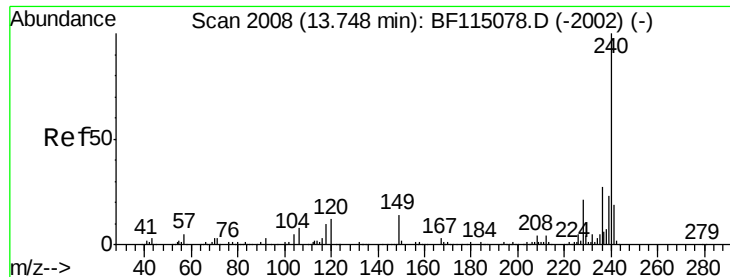


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.73 min Scan# 2005

Delta R.T. -0.02 min

Lab File: BF115114.D

Acq: 22 Jun 2019 12:23

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-008-AMS

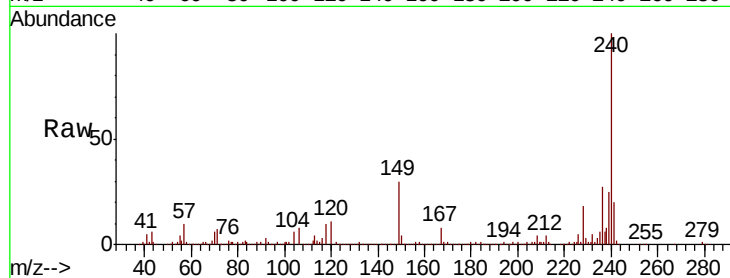
Tot Ion:240 Resp: 609539

Ion Ratio Lower Upper

240 100

120 11.1 9.4 14.2

236 27.0 21.7 32.5

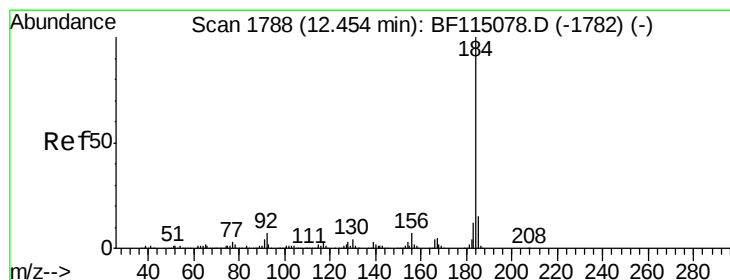
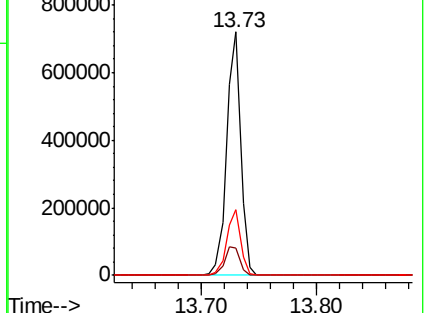
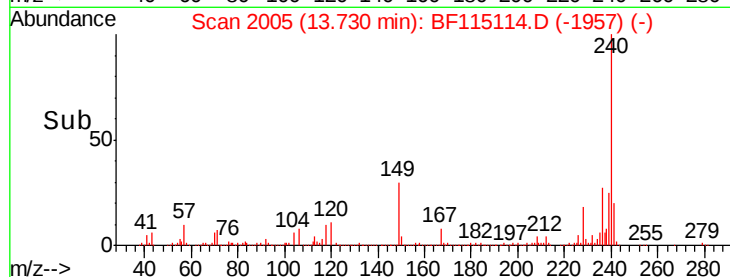


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Benzidine

Concen: 20.620 ng

RT: 12.44 min Scan# 1785

Delta R.T. -0.02 min

Lab File: BF115114.D

Acq: 22 Jun 2019 12:23

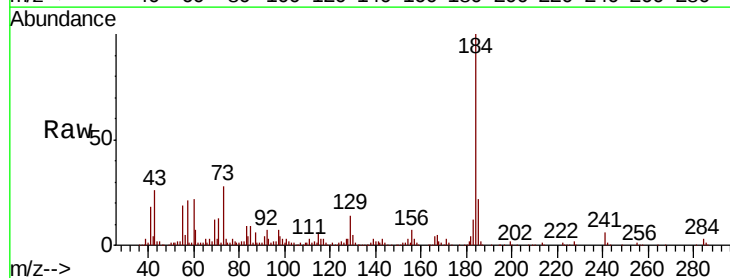
Tgt Ion:184 Resp: 558089

Ion Ratio Lower Upper

184 100

185 21.6 12.2 18.2#

183 11.6 9.6 14.4

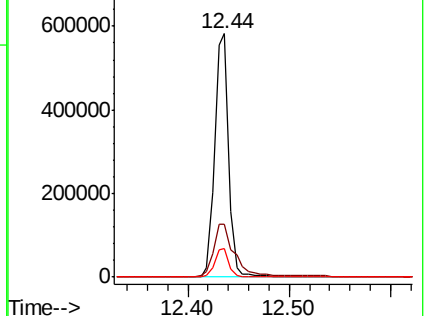
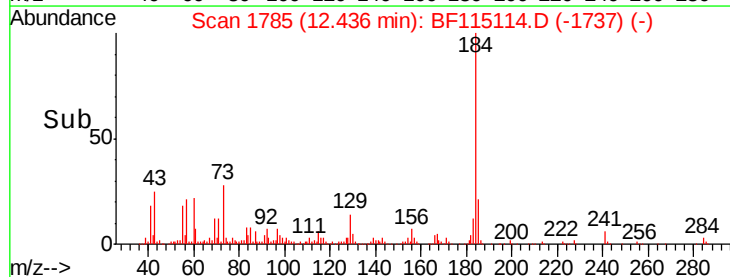


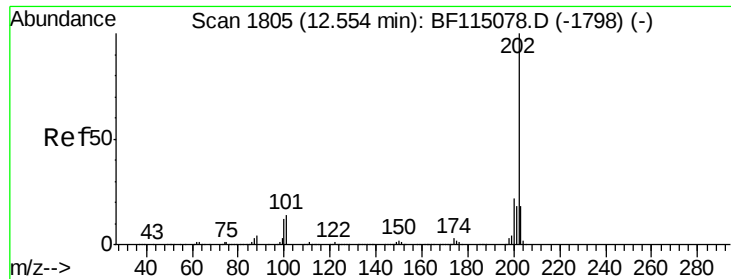
Abundance

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

Pvrene

Concen: 45.104 ng

RT: 12.54 min Scan# 1802

Delta R.T. -0.02 min

Lab File: BF115114.D

Acq: 22 Jun 2019 12:23

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-008-AMS

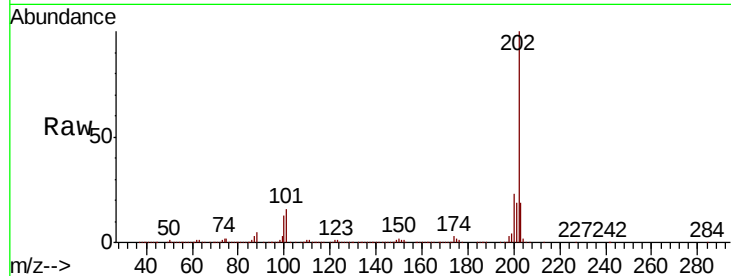
Tot Ion:202 Resp: 2112808

Ion Ratio Lower Upper

202 100

200 22.9 17.9 26.9

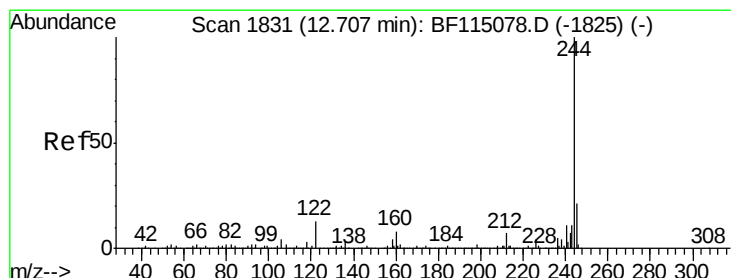
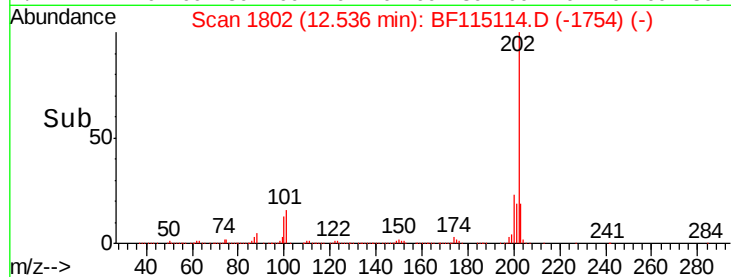
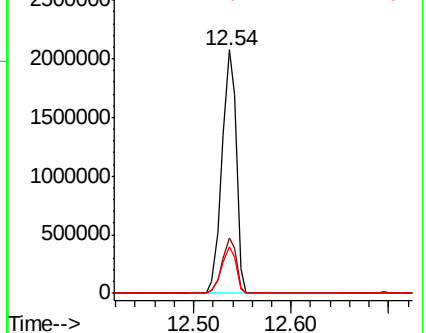
203 18.9 14.6 21.8



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: 96.196 ng

RT: 12.70 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF115114.D

Acq: 22 Jun 2019 12:23

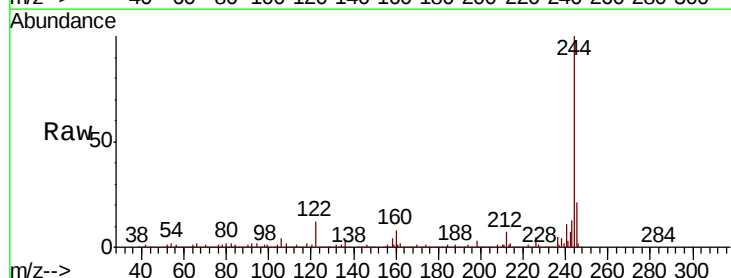
Tgt Ion:244 Resp: 2757801

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

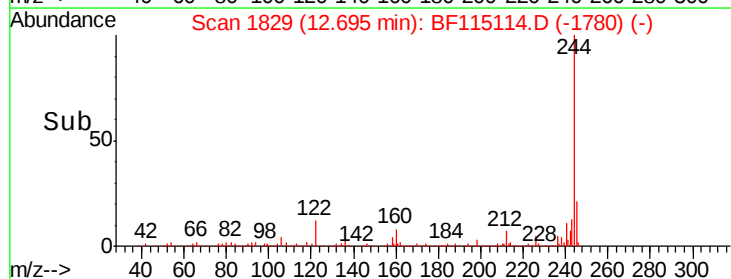
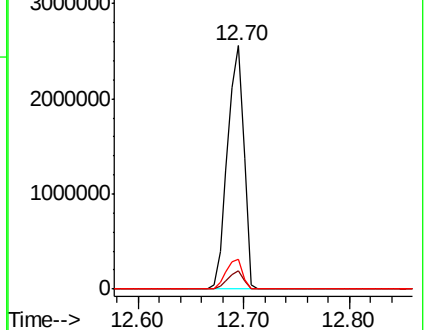
122 12.1 10.4 15.6

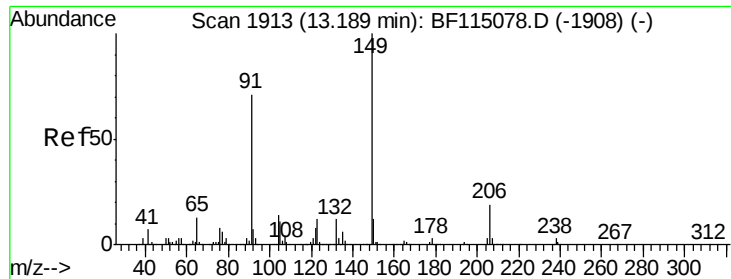


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

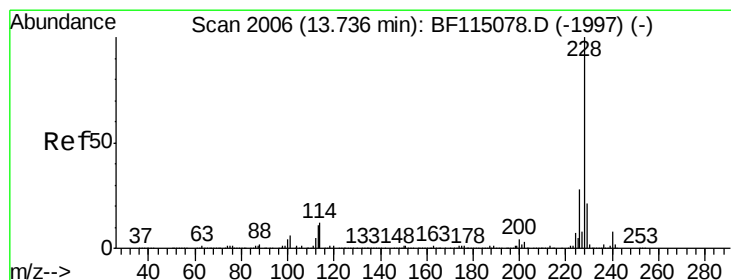
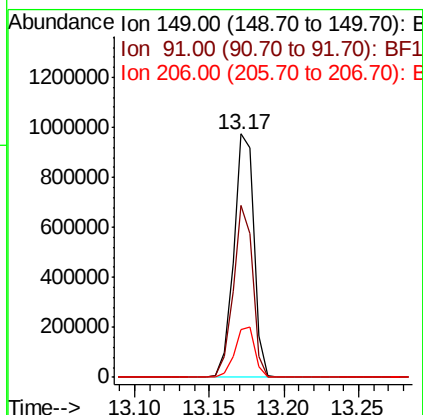
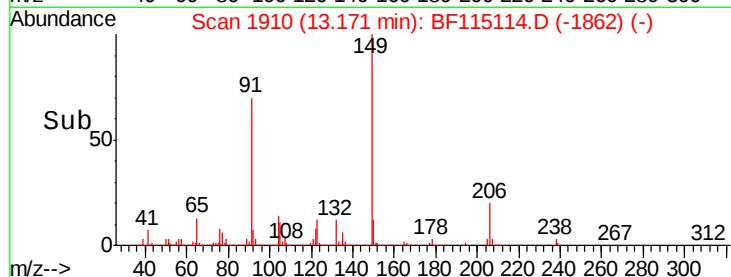
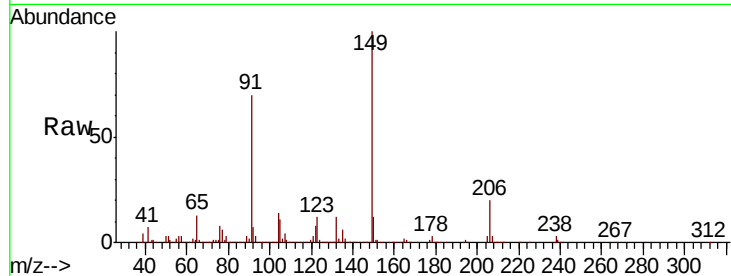




#80
Butylbenzylphthalate
Concen: 44.939 ng
RT: 13.17 min Scan# 1910
Delta R.T. -0.02 min
Lab File: BF115114.D
Acq: 22 Jun 2019 12:23

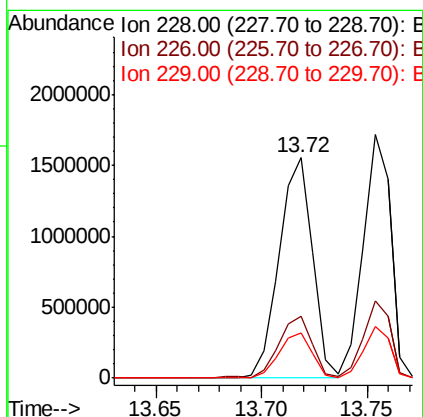
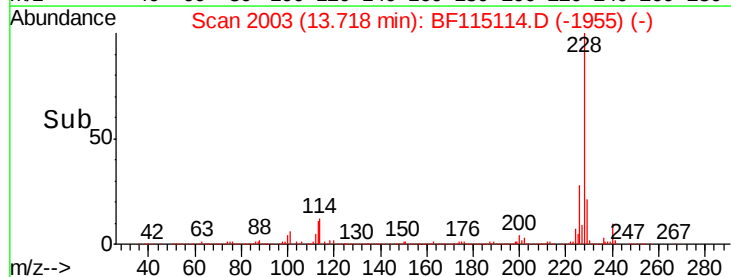
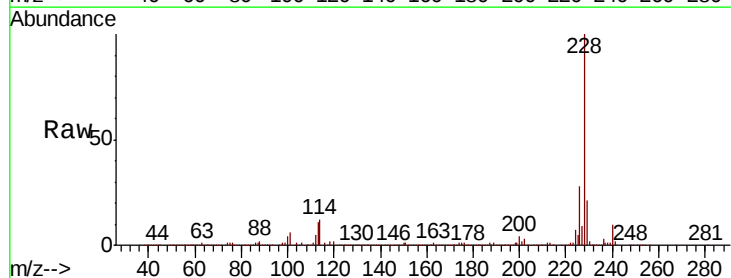
Instrument :
BNA_F
ClientSampleId :
FK-SF-03-008-AMS

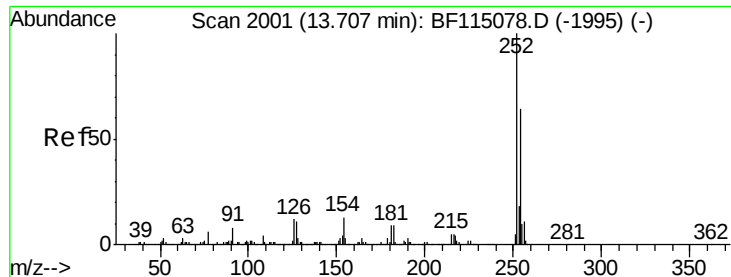
Tot Ion	Ratio	Lower	Upper
149	100		
91	70.5	56.5	84.7
206	19.6	15.3	22.9



#81
Benzo(a)anthracene
Concen: 39.212 ng
RT: 13.72 min Scan# 2003
Delta R.T. -0.02 min
Lab File: BF115114.D
Acq: 22 Jun 2019 12:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.5	33.7
229	20.6	16.6	24.8





#82

3,3'-Dichlorobenzidine

Concen: 28.977 ng

RT: 13.68 min Scan# 1997

Delta R.T. -0.02 min

Lab File: BF115114.D

Acq: 22 Jun 2019 12:23

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-008-AMS

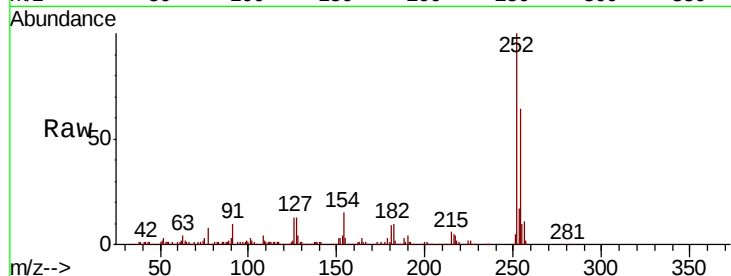
Tot Ion:252 Resp: 457663

Ion Ratio Lower Upper

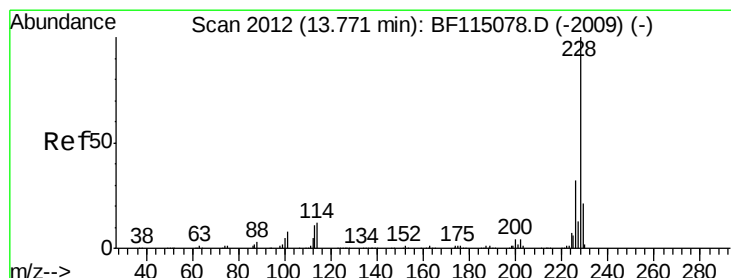
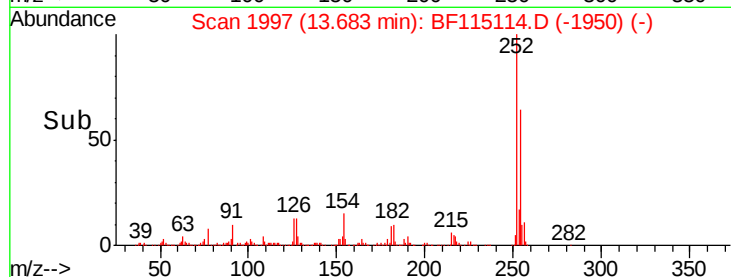
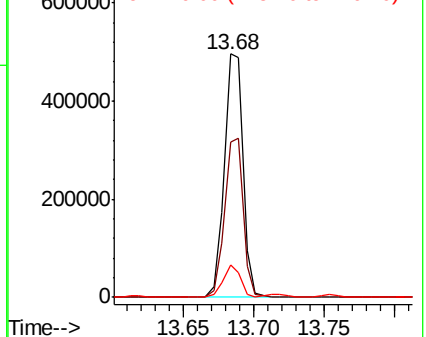
252 100

254 63.7 51.1 76.7

126 13.1 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: 39.119 ng

RT: 13.75 min Scan# 2009

Delta R.T. -0.02 min

Lab File: BF115114.D

Acq: 22 Jun 2019 12:23

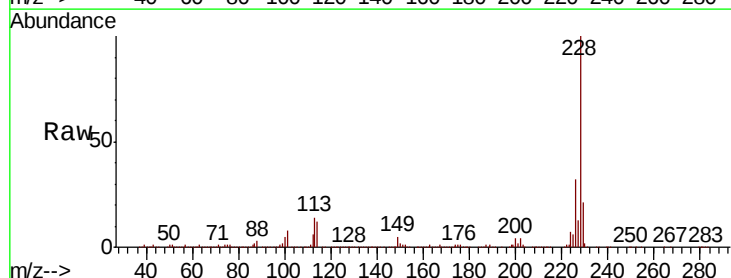
Tgt Ion:228 Resp: 1567225

Ion Ratio Lower Upper

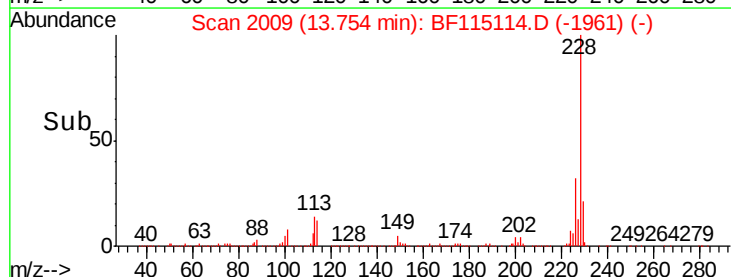
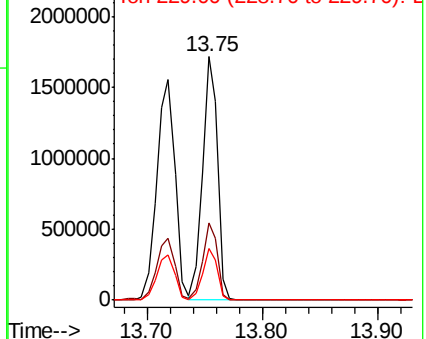
228 100

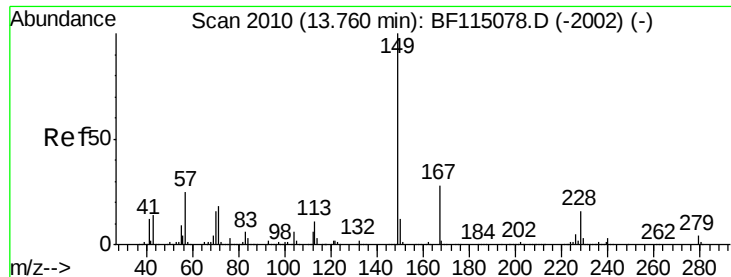
226 31.8 25.4 38.0

229 21.0 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: 43.151 ng

RT: 13.74 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BF115114.D

Acq: 22 Jun 2019 12:23

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-008-AMS

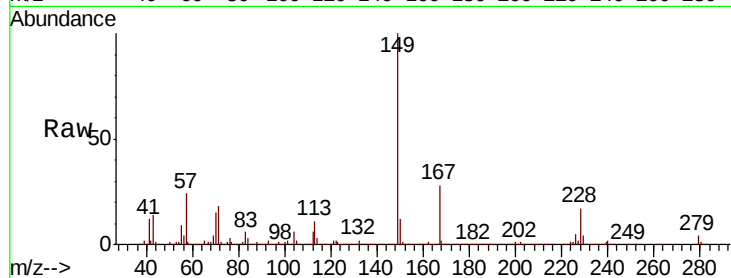
Tot Ion:149 Resp: 1168860

Ion Ratio Lower Upper

149 100

167 28.0 22.2 33.4

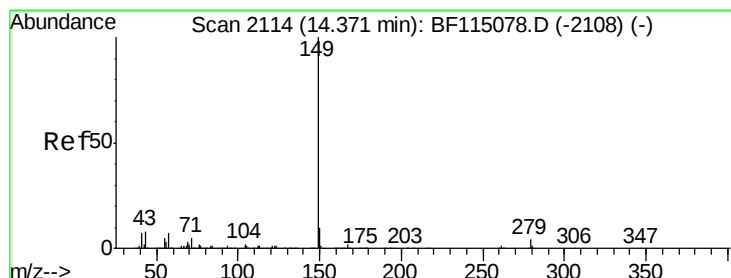
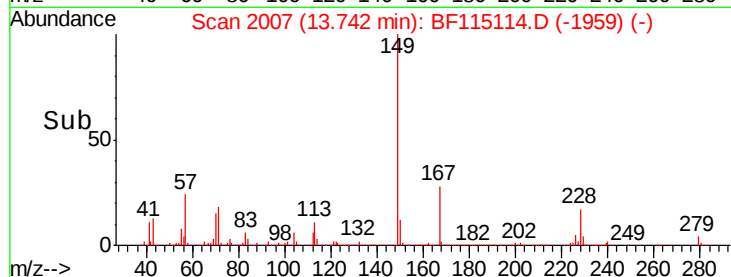
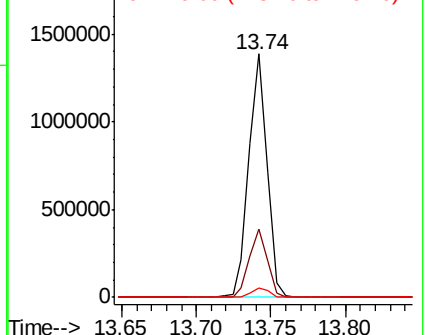
279 3.9 2.9 4.3



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: 38.582 ng

RT: 14.35 min Scan# 2110

Delta R.T. -0.02 min

Lab File: BF115114.D

Acq: 22 Jun 2019 12:23

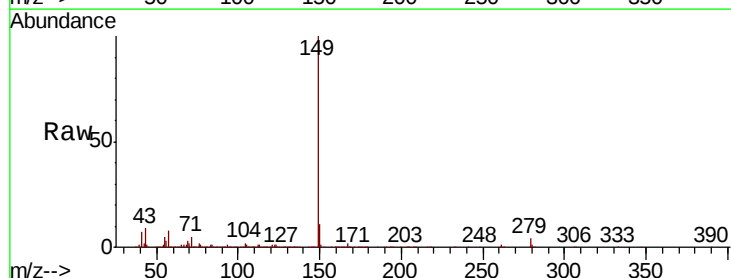
Tgt Ion:149 Resp: 1755931

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

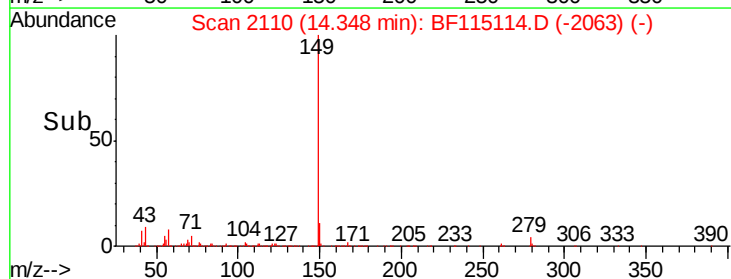
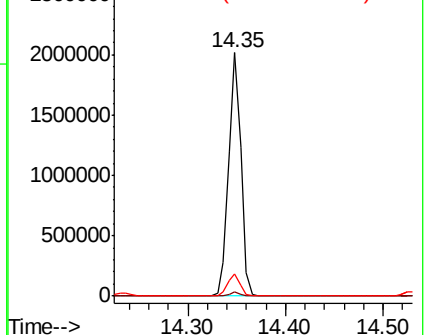
43 8.7 7.0 10.6

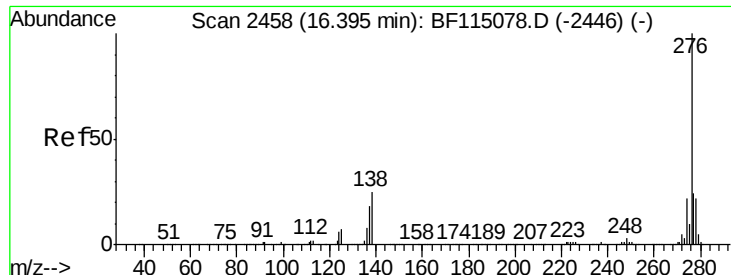


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

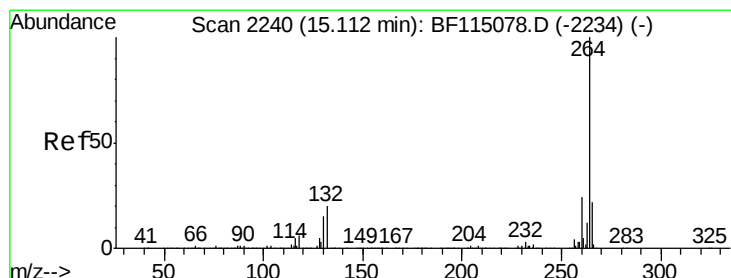
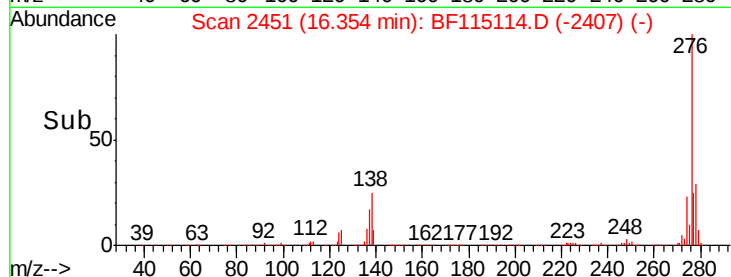
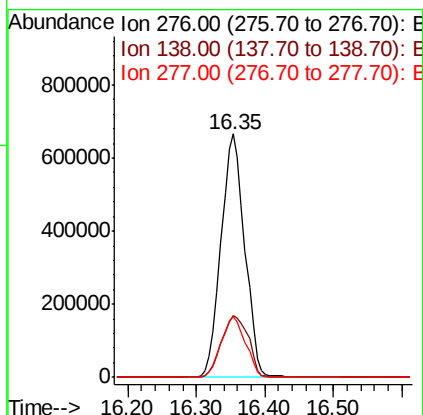
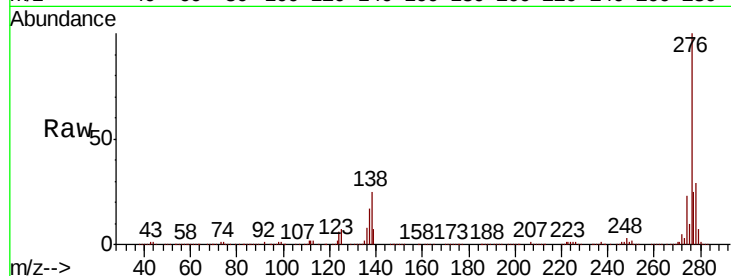




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 33.595 ng
 RT: 16.35 min Scan# 2451
 Delta R.T. -0.04 min
 Lab File: BF115114.D
 Acq: 22 Jun 2019 12:23

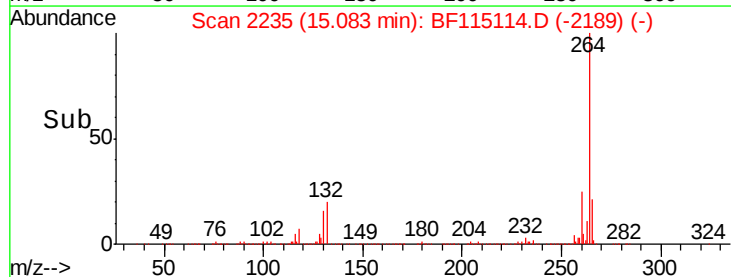
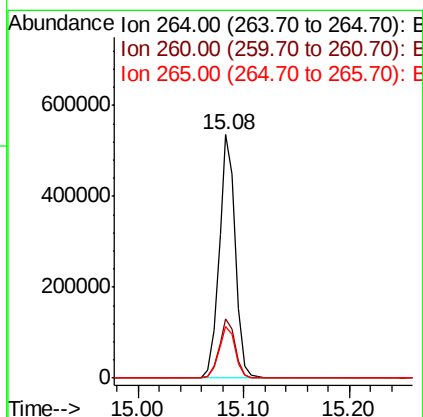
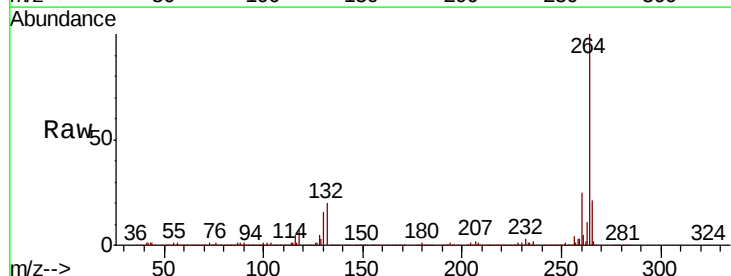
Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-008-AMS

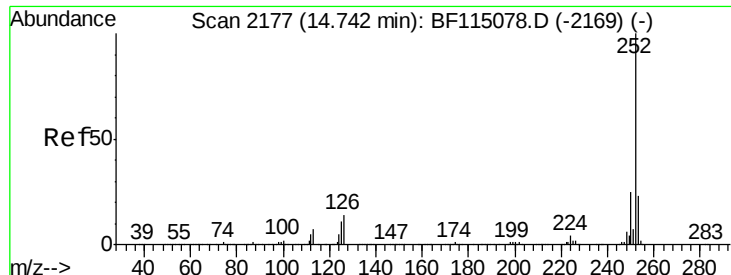
Tot Ion:276 Resp: 1592617
 Ion Ratio Lower Upper
 276 100
 138 28.8 23.2 34.8
 277 25.5 20.1 30.1



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.08 min Scan# 2235
 Delta R.T. -0.03 min
 Lab File: BF115114.D
 Acq: 22 Jun 2019 12:23

Tgt Ion:264 Resp: 574091
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.6 29.4
 265 21.0 17.3 25.9

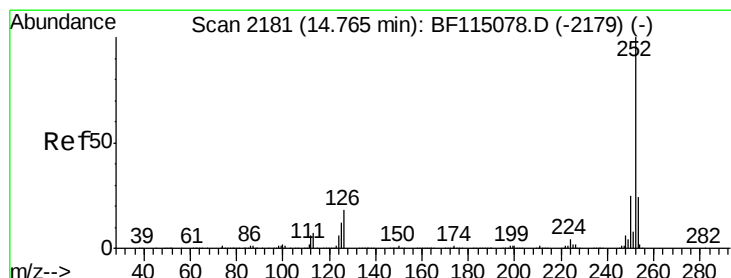
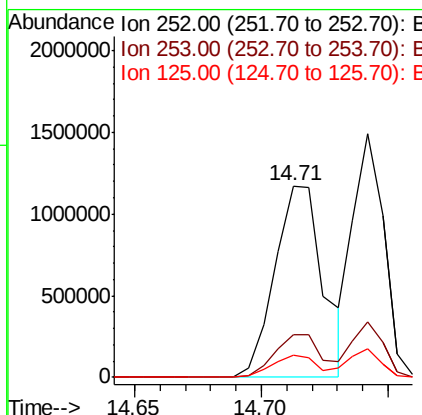
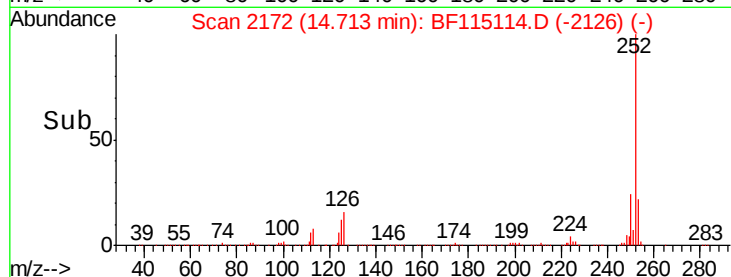
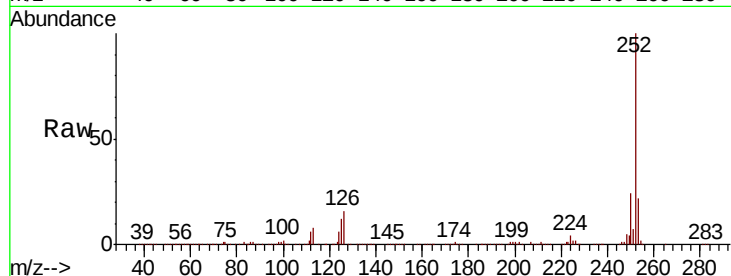




#88
Benzo(b)fluoranthene
Concen: 43.510 ng
RT: 14.71 min Scan# 2172
Delta R.T. -0.03 min
Lab File: BF115114.D
Acq: 22 Jun 2019 12:23

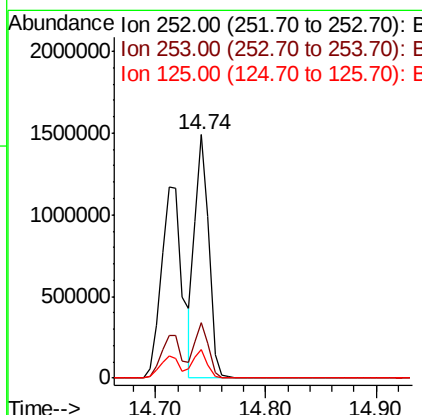
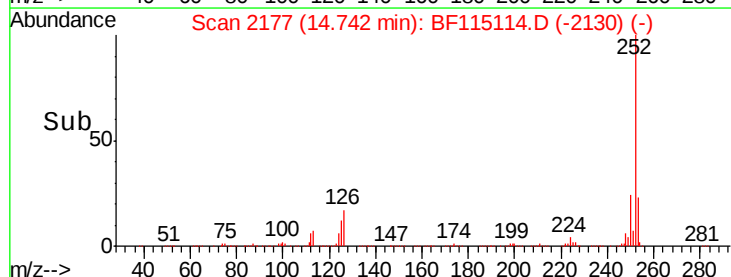
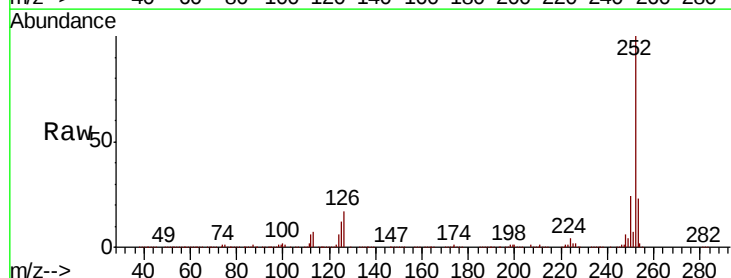
Instrument :
BNA_F
ClientSampleId :
FK-SF-03-008-AMS

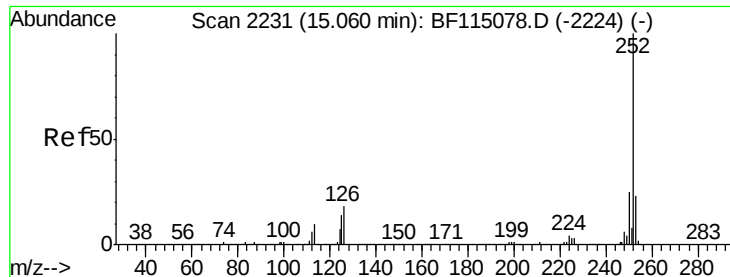
Tot Ion:252 Resp: 1558582
Ion Ratio Lower Upper
252 100
253 22.3 18.1 27.1
125 11.8 8.7 13.1



#89
Benzo(k)fluoranthene
Concen: 39.986 ng
RT: 14.74 min Scan# 2177
Delta R.T. -0.02 min
Lab File: BF115114.D
Acq: 22 Jun 2019 12:23

Tgt Ion:252 Resp: 1284535
Ion Ratio Lower Upper
252 100
253 22.6 18.9 28.3
125 11.9 10.2 15.2





#90

Benzo(a)pyrene

Concen: 42.431 ng

RT: 15.04 min Scan# 2227

Delta R.T. -0.02 min

Lab File: BF115114.D

Acq: 22 Jun 2019 12:23

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-008-AMS

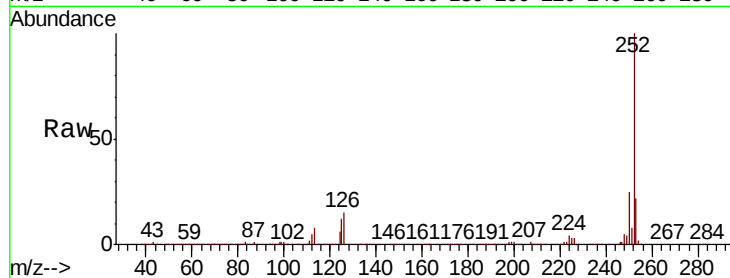
Tot Ion:252 Resp: 1369953

Ion Ratio Lower Upper

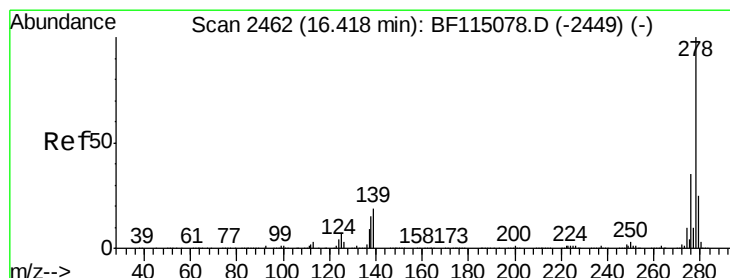
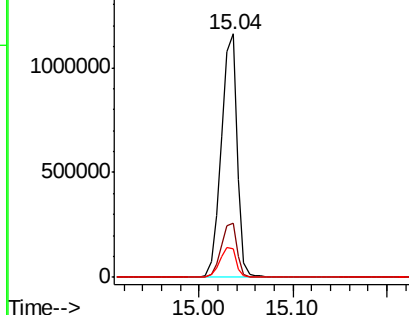
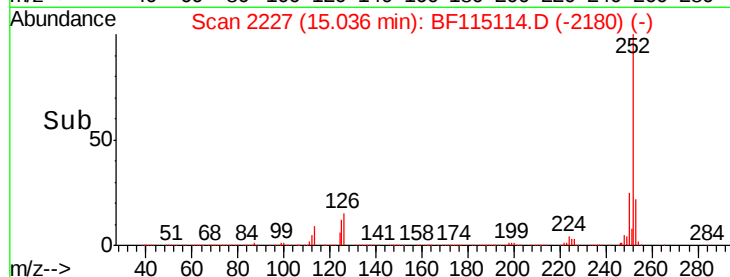
252 100

253 22.3 18.3 27.5

125 11.6 10.9 16.3



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



#91

Dibenzo(a,h)anthracene

Concen: 43.992 ng

RT: 16.37 min Scan# 2454

Delta R.T. -0.05 min

Lab File: BF115114.D

Acq: 22 Jun 2019 12:23

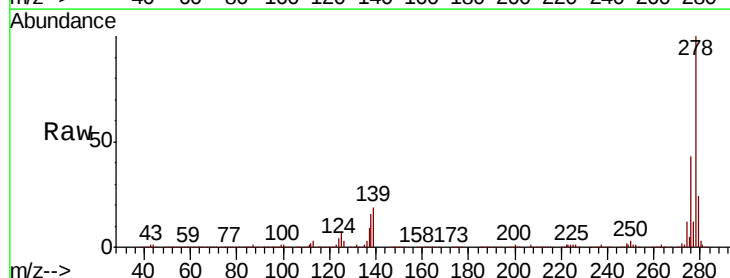
Tgt Ion:278 Resp: 1325976

Ion Ratio Lower Upper

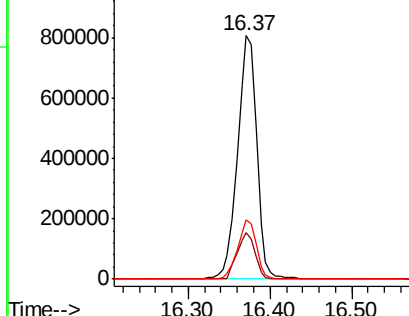
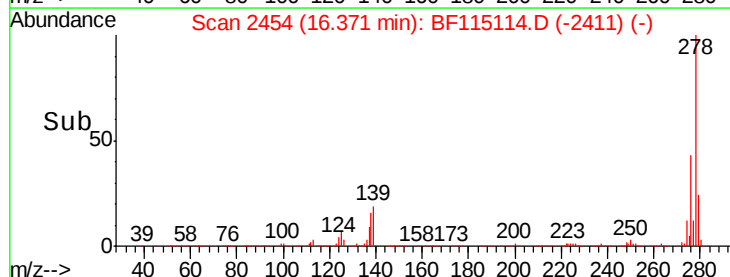
278 100

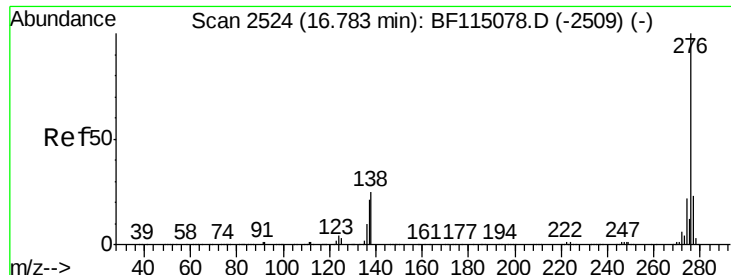
139 19.2 15.4 23.2

279 24.4 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(a,h,i)perylene

Concen: 43.965 ng

RT: 16.74 min Scan# 2516

Delta R.T. -0.05 min

Lab File: BF115114.D

Acq: 22 Jun 2019 12:23

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-008-AMS

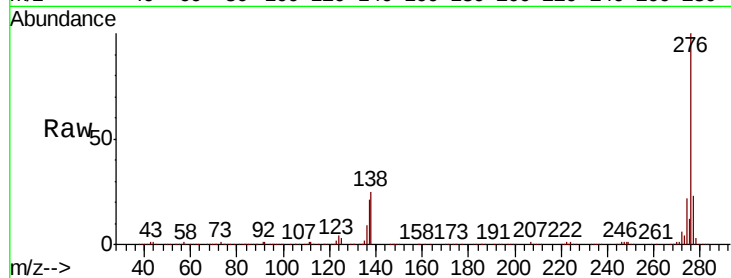
Tot Ion:276 Resp: 1341223

Ion Ratio Lower Upper

276 100

277 23.3 18.6 28.0

138 24.6 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

