

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062519\
 Data File : BF115203.D
 Acq On : 25 Jun 2019 22:25
 Operator : HP/JU
 Sample : K3164-09MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BAT-B08MSD

Quant Time: Jun 26 05:51:23 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	257354	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	876314	20.00	ng	-0.01
39) Acenaphthene-d10	9.64	164	355321	20.00	ng	-0.01
64) Phenanthrene-d10	11.11	188	626089	20.00	ng	-0.01
76) Chrysene-d12	13.73	240	563877	20.00	ng	-0.02
87) Perylene-d12	15.09	264	676432	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.22	112	1756583	105.33	ng	0.01
7) Phenol-d6	6.25	99	2153640	106.40	ng	0.00
23) Nitrobenzene-d5	7.18	82	1304957	91.61	ng	0.00
42) 2,4,6-Tribromophenol	10.42	330	448800	119.78	ng	-0.01
45) 2-Fluorobiphenyl	8.97	172	2142911	102.44	ng	-0.01
79) Terphenyl-d14	12.70	244	2119892	79.93	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.25	88	230165	29.243	ng	100
3) Pyridine	2.91	79	590311	26.610	ng	98
4) n-Nitrosodimethylamine	2.85	42	258814	29.761	ng	98
6) Aniline	6.27	93	467961	16.821	ng	# 66
8) 2-Chlorophenol	6.40	128	584635	31.177	ng	99
9) Benzaldehyde	6.15	77	381914	28.920	ng	96
10) Phenol	6.27	94	675897	28.506	ng	98
11) bis(2-Chloroethyl)ether	6.35	93	542006	31.011	ng	99
12) 1,3-Dichlorobenzene	6.55	146	661902	31.804	ng	98
13) 1,4-Dichlorobenzene	6.63	146	670210	32.115	ng	99
14) 1,2-Dichlorobenzene	6.78	146	615157	31.830	ng	99
15) Benzyl Alcohol	6.75	79	424021	28.768	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.90	45	750707	29.614	ng	97
17) 2-Methylphenol	6.87	107	475770	30.737	ng	97
18) Hexachloroethane	7.12	117	231741	30.801	ng	97
19) n-Nitroso-di-n-propylamine	7.03	70	365791	28.227	ng	97
20) 3+4-Methylphenols	7.02	107	541460	30.295	ng	88
22) Acetophenone	7.02	105	759883	37.877	ng	# 97
24) Nitrobenzene	7.19	77	570431	36.347	ng	97
25) Isophorone	7.44	82	967364	33.149	ng	99
26) 2-Nitrophenol	7.51	139	297814	38.426	ng	96
27) 2,4-Dimethylphenol	7.55	122	490474	38.652	ng	99
28) bis(2-Chloroethoxy)methane	7.65	93	636659	34.517	ng	100
29) 2,4-Dichlorophenol	7.75	162	451161	34.452	ng	96
30) 1,2,4-Trichlorobenzene	7.84	180	522821	36.144	ng	98
31) Naphthalene	7.91	128	1588701	36.933	ng	99
32) Benzoic acid	7.55	122	490474	54.148	ng	# 15
33) 4-Chloroaniline	7.96	127	346930	17.647	ng	99
34) Hexachlorobutadiene	8.04	225	286943	36.199	ng	99
35) Caprolactam	8.31	113	105948	24.064	ng	99
36) 4-Chloro-3-methylphenol	8.45	107	410819	30.977	ng	99
37) 2-Methylnaphthalene	8.60	142	1007491	34.737	ng	98
38) 1-Methylnaphthalene	8.70	142	934408	33.732	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	424719	42.299	ng	99

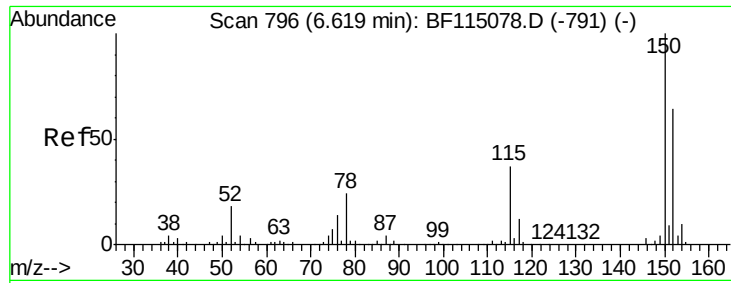
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062519\
 Data File : BF115203.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	347490	58.364	ng	98
43) 2,4,6-Trichlorophenol	8.88	196	277135	35.751	ng	99
44) 2,4,5-Trichlorophenol	8.92	196	287932	36.069	ng	98
46) 1,1'-Biphenyl	9.07	154	1135138	39.926	ng	99
47) 2-Chloronaphthalene	9.09	162	888677	38.535	ng	99
48) 2-Nitroaniline	9.18	65	236822	35.223	ng	97
49) Acenaphthylene	9.50	152	1341181	37.327	ng	99
50) Dimethylphthalate	9.37	163	1184726	45.319	ng	99
51) 2,6-Dinitrotoluene	9.42	165	213607	35.393	ng	93
52) Acenaphthene	9.67	154	802241	35.681	ng	99
53) 3-Nitroaniline	9.58	138	191021	25.936	ng	100
54) 2,4-Dinitrophenol	9.69	184	53927	23.114	ng	95
55) Dibenzofuran	9.84	168	1145373	35.493	ng	98
56) 4-Nitrophenol	9.75	139	369659	62.605	ng	97
57) 2,4-Dinitrotoluene	9.82	165	267891	34.377	ng	91
58) Fluorene	10.18	166	811336	36.521	ng	100
59) 2,3,4,6-Tetrachlorophenol	9.96	232	220887	32.999	ng	98
60) Diethylphthalate	10.07	149	866621	32.979	ng	100
61) 4-Chlorophenyl-phenylether	10.18	204	388485	36.811	ng	97
62) 4-Nitroaniline	10.19	138	227052	30.730	ng	95
63) Azobenzene	10.34	77	813451	33.142	ng	97
65) 4,6-Dinitro-2-methylphenol	10.22	198	91056	29.469	ng	90
66) n-Nitrosodiphenylamine	10.30	169	739066	37.890	ng	99
67) 4-Bromophenyl-phenylether	10.67	248	247575	36.472	ng	94
68) Hexachlorobenzene	10.72	284	270761	36.748	ng	# 92
69) Atrazine	10.82	200	220097	35.077	ng	100
70) Pentachlorophenol	10.92	266	323206	68.855	ng	98
71) Phenanthrene	11.13	178	1222731	36.273	ng	99
72) Anthracene	11.18	178	1253677	36.843	ng	99
73) Carbazole	11.34	167	1154128	37.983	ng	99
74) Di-n-butylphthalate	11.69	149	1284780	36.591	ng	99
75) Fluoranthene	12.31	202	1350521	40.154	ng	97
77) Benzidine	12.44	184	647076	25.843	ng	99
78) Pyrene	12.54	202	1398678	32.276	ng	99
80) Butylbenzylphthalate	13.17	149	625245	32.695	ng	96
81) Benzo(a)anthracene	13.72	228	1393984	34.453	ng	99
82) 3,3'-Dichlorobenzidine	13.69	252	442406	30.279	ng	99
83) Chrysene	13.75	228	1331634	35.930	ng	99
84) Bis(2-ethylhexyl)phthalate	13.74	149	884823	35.311	ng	100
85) Di-n-octyl phthalate	14.35	149	1583593	37.613	ng	100
86) Indeno(1,2,3-cd)pyrene	16.36	276	1426877	32.536	ng	99
88) Benzo(b)fluoranthene	14.72	252	1471615	34.866	ng	99
89) Benzo(k)fluoranthene	14.72	252	1471615	38.879	ng	98
90) Benzo(a)pyrene	15.04	252	1429350	37.573	ng	99
91) Dibenzo(a,h)anthracene	16.38	278	1205101	33.932	ng	97
92) Benzo(g,h,i)perylene	16.74	276	1128634	31.399	ng	98

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

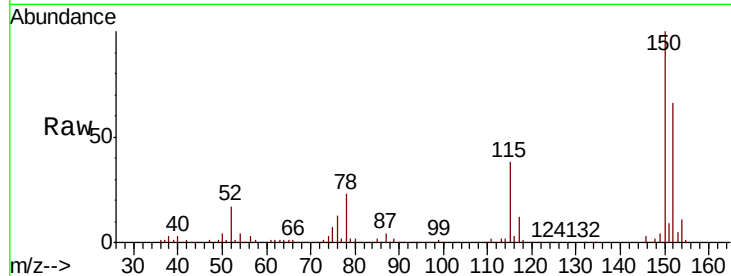


#1

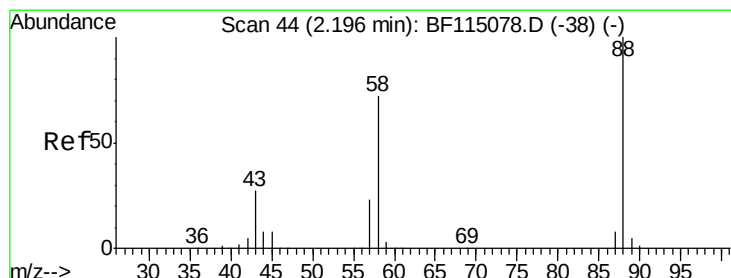
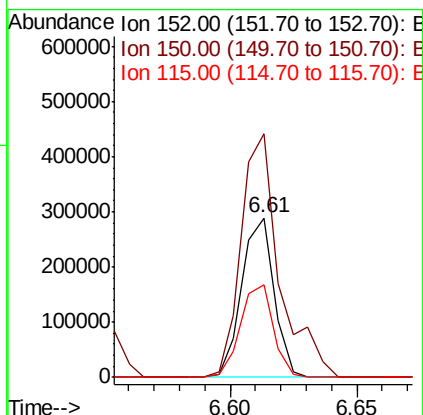
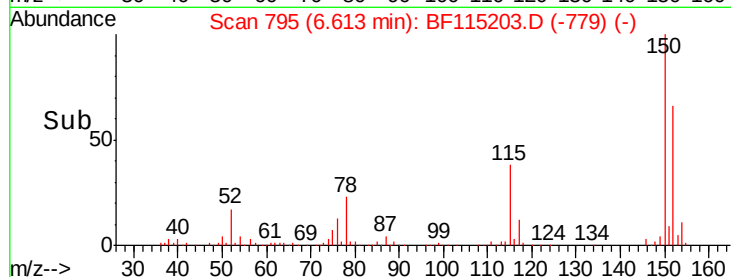
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.61 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF115203.D
 Acq: 25 Jun 2019 22:25

Instrument :
 BNA_F
 ClientSampleId :
 BAT-B08MSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	152.5	124.2	186.2
115	57.8	46.1	69.1



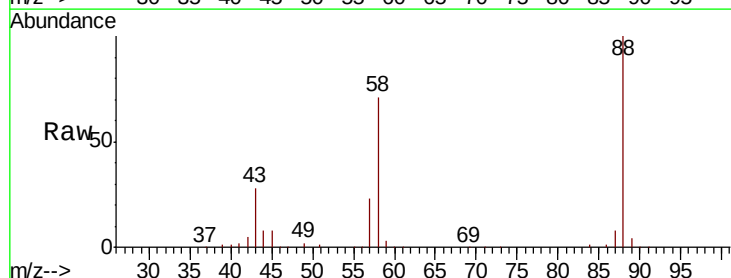
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



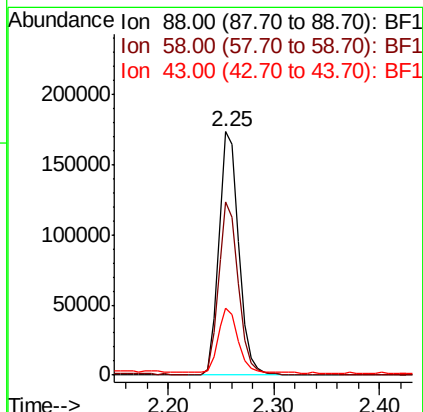
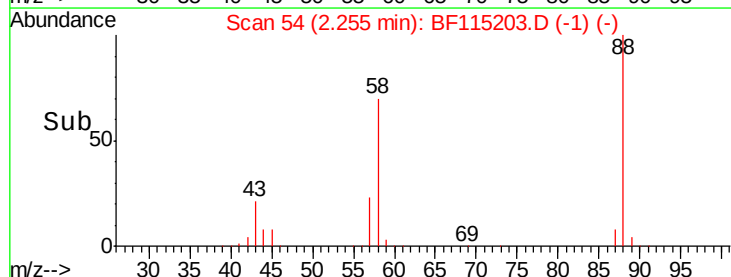
#2

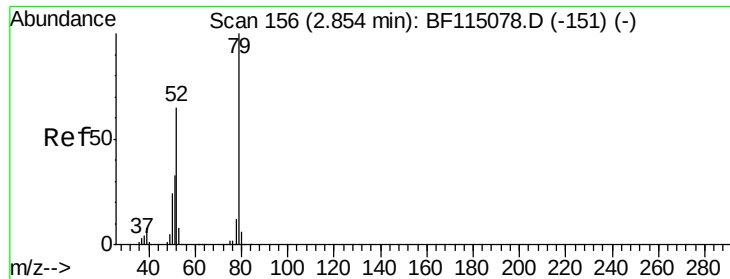
1,4-Dioxane
 Concen: 29.243 ng
 RT: 2.25 min Scan# 54
 Delta R.T. 0.06 min
 Lab File: BF115203.D
 Acq: 25 Jun 2019 22:25

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.7	56.1	84.1
43	26.7	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

Pyridine

Concen: 26.610 ng

RT: 2.91 min Scan# 165

Delta R.T. 0.05 min

Lab File: BF115203.D

Acq: 25 Jun 2019 22:25

Instrument :

BNA_F

ClientSampleId :

BAT-B08MSD

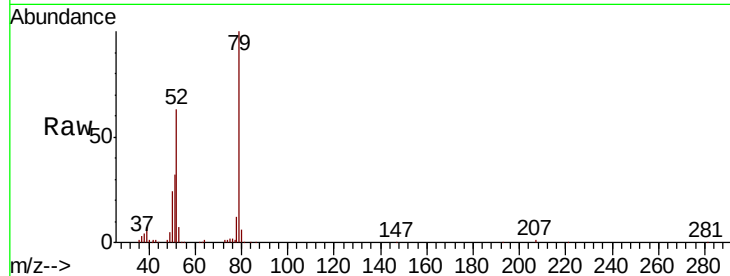
Tgt Ion: 79 Resp: 590311

Ion Ratio Lower Upper

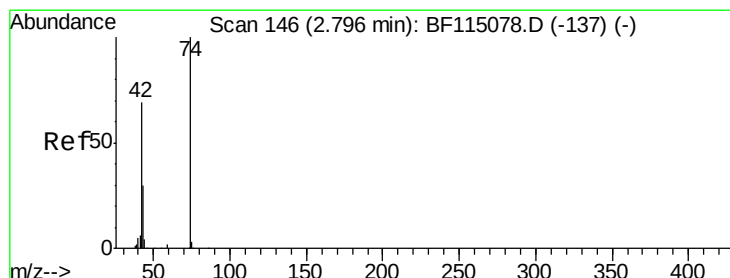
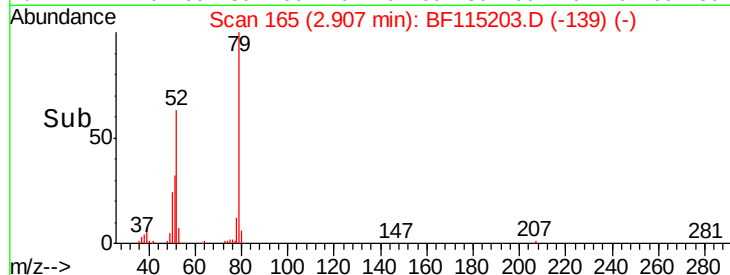
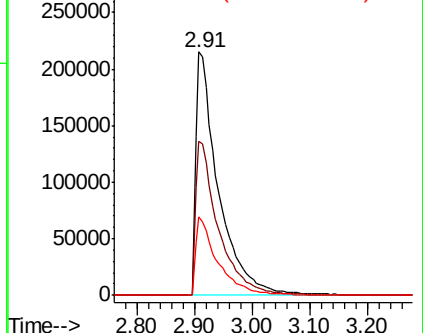
79 100

52 63.1 52.3 78.5

51 32.1 26.1 39.1



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



#4

n-Nitrosodimethylamine

Concen: 29.761 ng

RT: 2.85 min Scan# 155

Delta R.T. 0.05 min

Lab File: BF115203.D

Acq: 25 Jun 2019 22:25

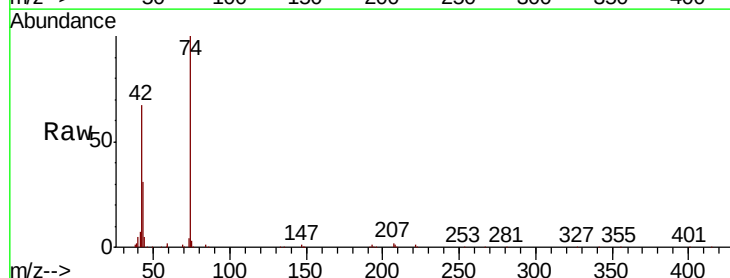
Tgt Ion: 42 Resp: 258814

Ion Ratio Lower Upper

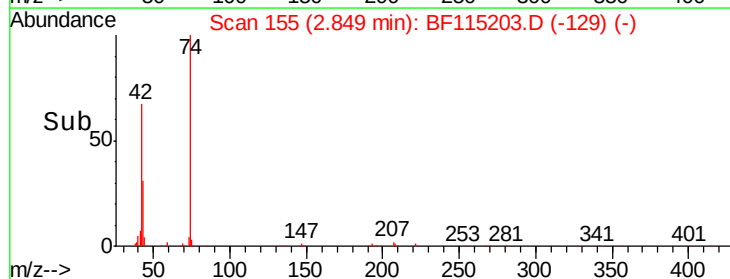
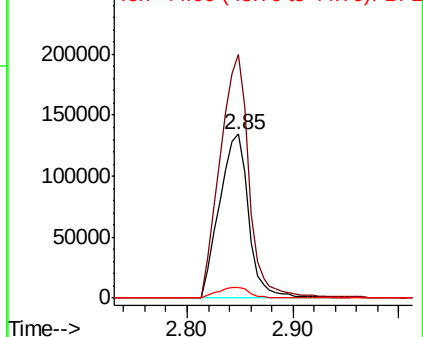
42 100

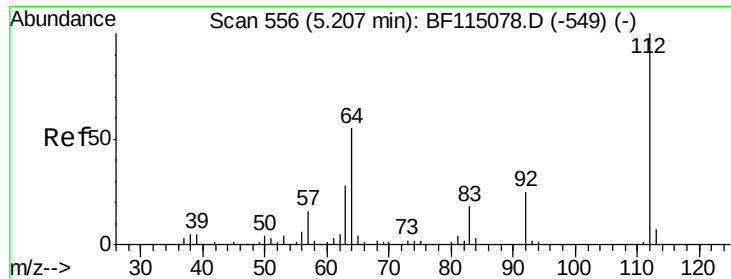
74 148.5 116.6 175.0

44 6.7 5.3 7.9



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





#5

2-Fluorophenol

Concen: 105.330 ng

RT: 5.22 min Scan# 558

Delta R.T. 0.01 min

Lab File: BF115203.D

Acq: 25 Jun 2019 22:25

Instrument :

BNA_F

ClientSampleId :

BAT-B08MSD

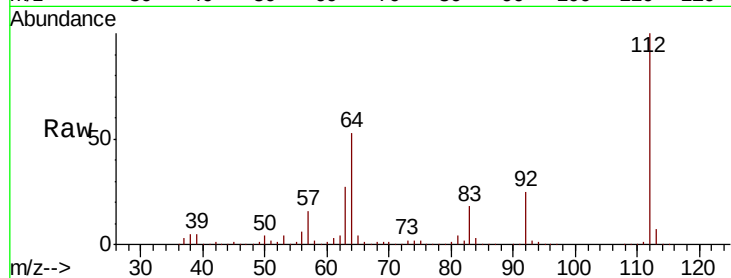
Tgt Ion: 112 Resp: 1756583

Ion Ratio Lower Upper

112 100

64 53.5 43.8 65.6

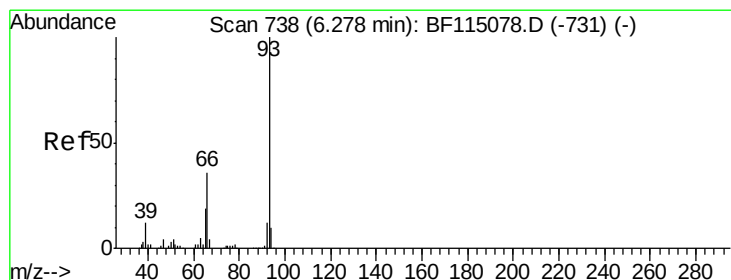
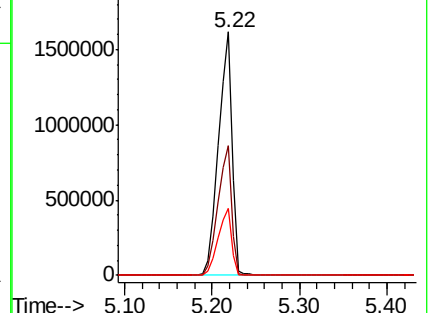
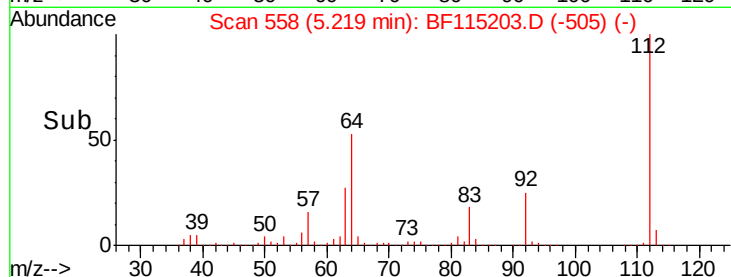
63 27.4 22.2 33.4



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: 16.821 ng

RT: 6.27 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF115203.D

Acq: 25 Jun 2019 22:25

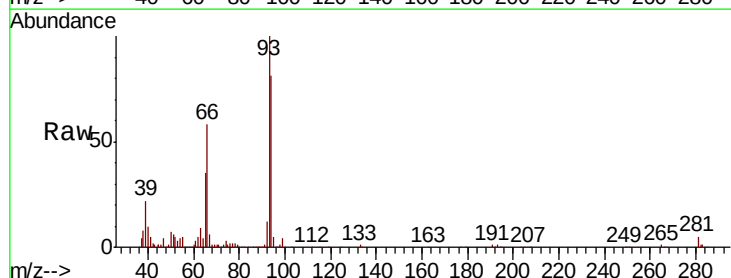
Tgt Ion: 93 Resp: 467961

Ion Ratio Lower Upper

93 100

66 57.6 30.0 45.0#

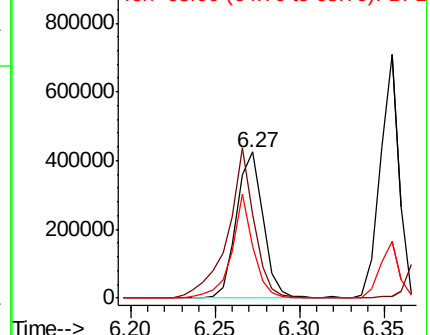
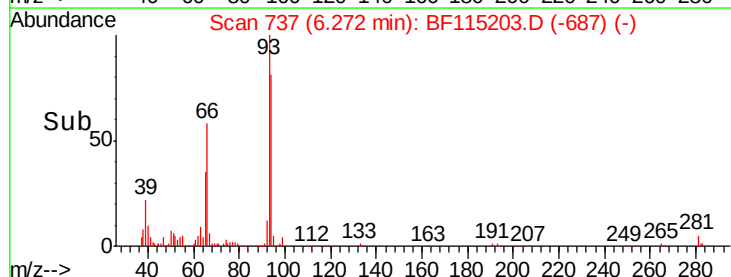
65 35.3 15.6 23.4#

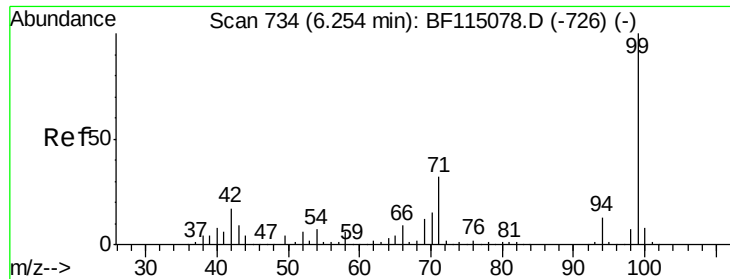


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 106.396 ng

RT: 6.25 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF115203.D

Acq: 25 Jun 2019 22:25

Instrument :

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ClientSampleId :

BAT-B08MSD

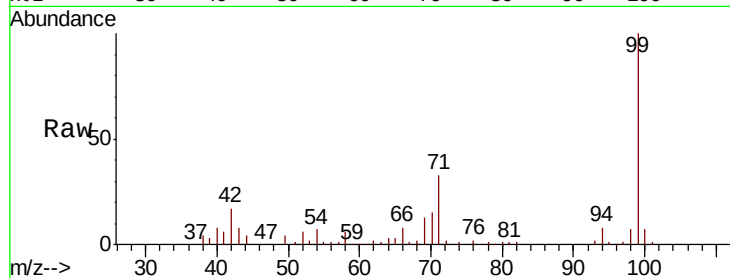
Tgt Ion: 99 Resp: 2153640

Ion Ratio Lower Upper

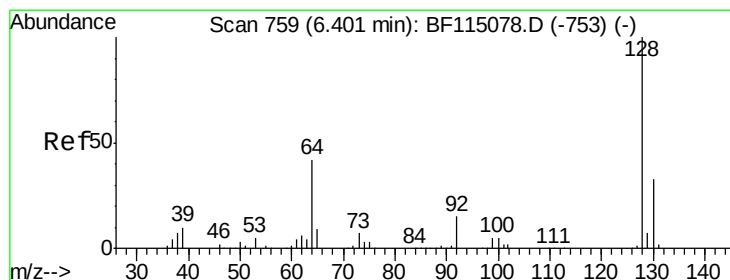
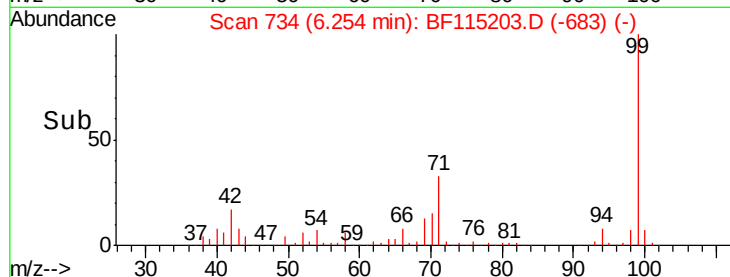
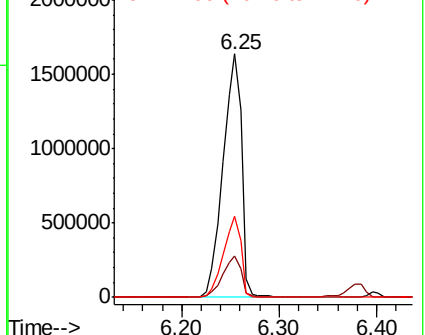
99 100

42 16.9 13.6 20.4

71 33.2 25.5 38.3



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



#8

2-Chlorophenol

Concen: 31.177 ng

RT: 6.40 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF115203.D

Acq: 25 Jun 2019 22:25

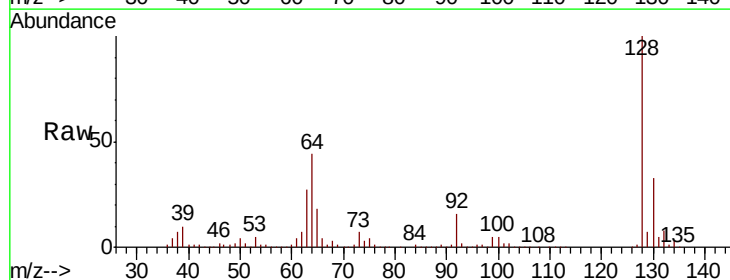
Tgt Ion:128 Resp: 584635

Ion Ratio Lower Upper

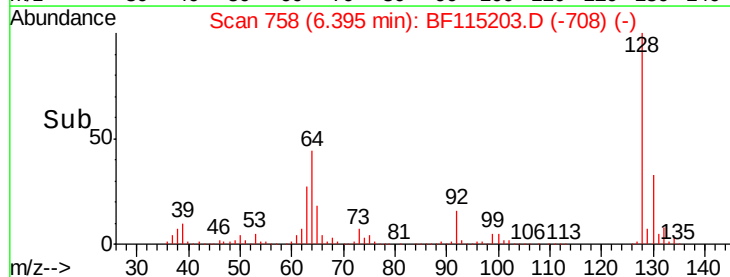
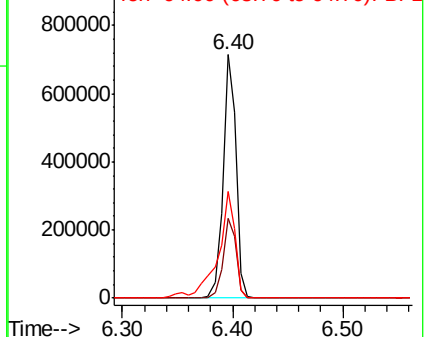
128 100

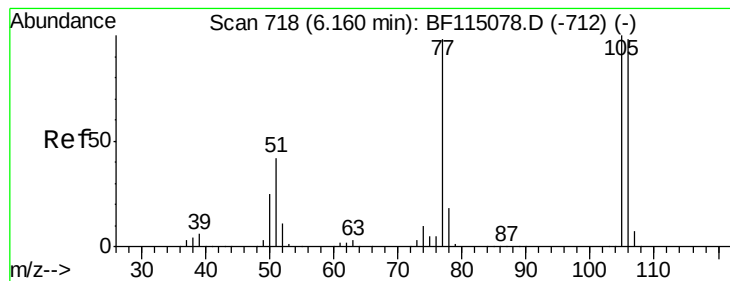
130 32.7 12.9 52.9

64 43.7 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: 28.920 ng

RT: 6.15 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF115203.D

Acq: 25 Jun 2019 22:25

Instrument :

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BAT-B08MSD

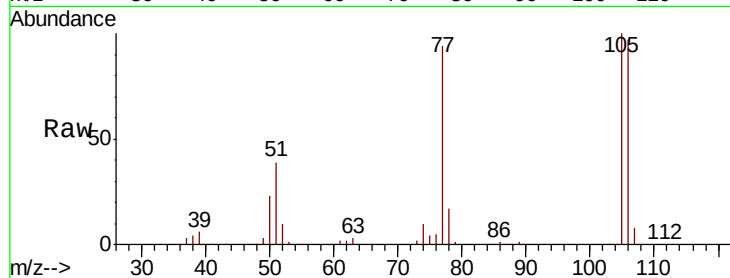
Tgt Ion: 77 Resp: 381914

Ion Ratio Lower Upper

77 100

105 106.0 81.5 121.5

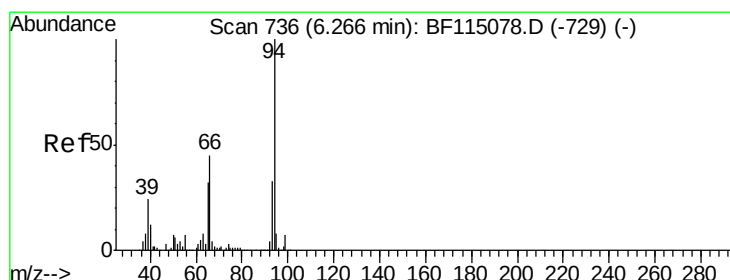
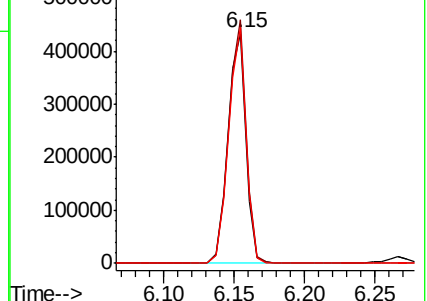
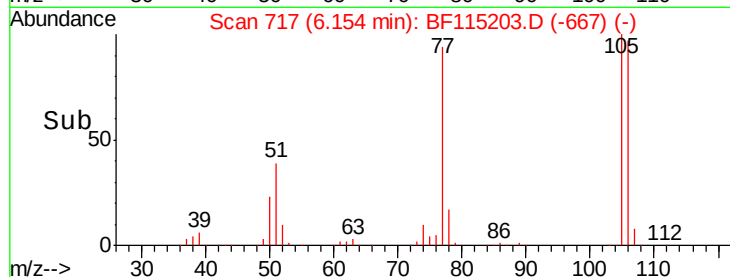
106 102.6 79.7 119.7



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: 28.506 ng

RT: 6.27 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF115203.D

Acq: 25 Jun 2019 22:25

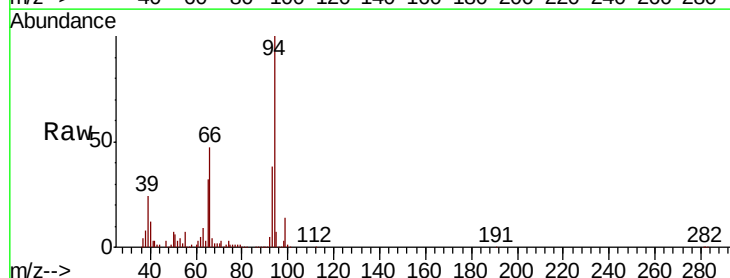
Tgt Ion: 94 Resp: 675897

Ion Ratio Lower Upper

94 100

65 32.3 11.9 51.9

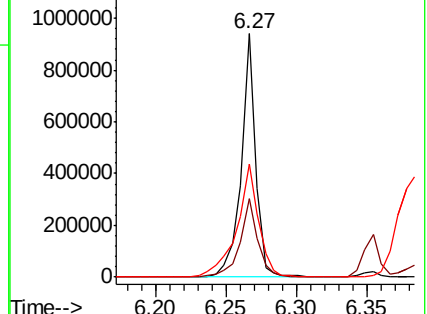
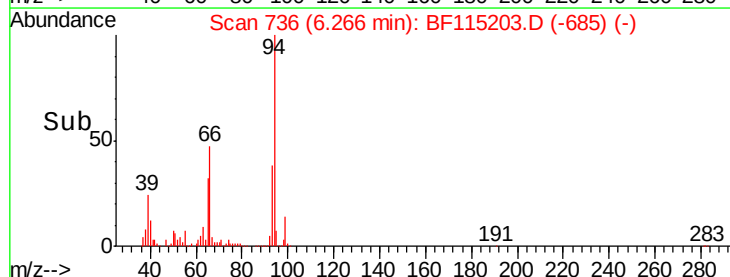
66 46.6 25.2 65.2

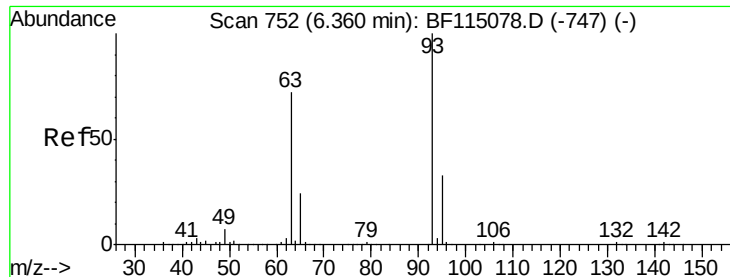


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 31.011 ng

RT: 6.35 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF115203.D

Acq: 25 Jun 2019 22:25

Instrument :

BNA_F

ClientSampleId :

BAT-B08MSD

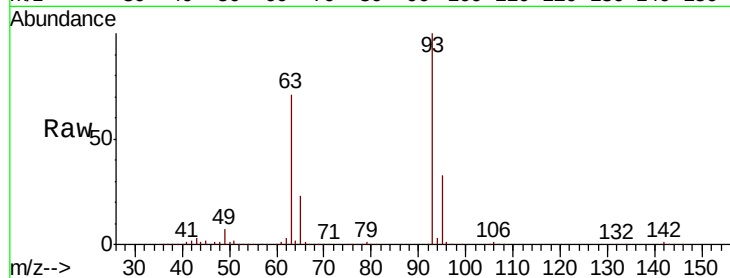
Tgt Ion: 93 Resp: 542006

Ion Ratio Lower Upper

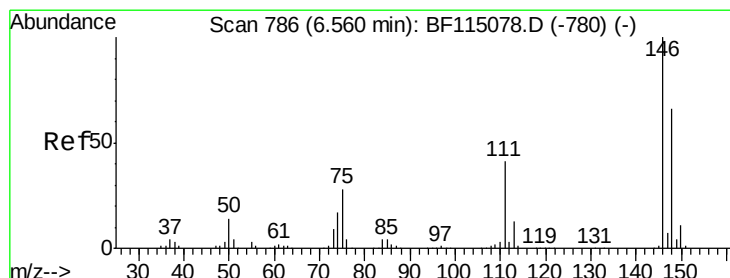
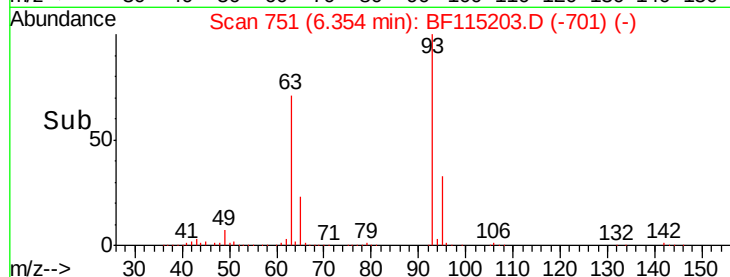
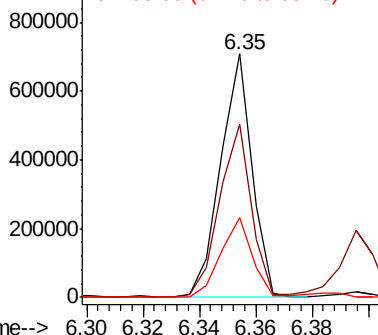
93 100

63 71.1 51.5 91.5

95 32.8 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: 31.804 ng

RT: 6.55 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF115203.D

Acq: 25 Jun 2019 22:25

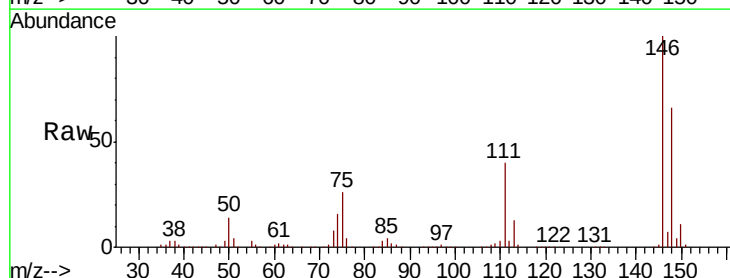
Tgt Ion: 146 Resp: 661902

Ion Ratio Lower Upper

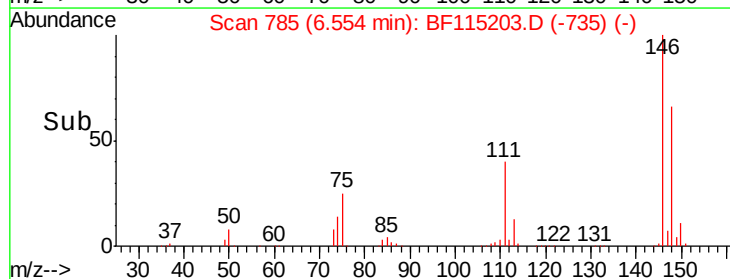
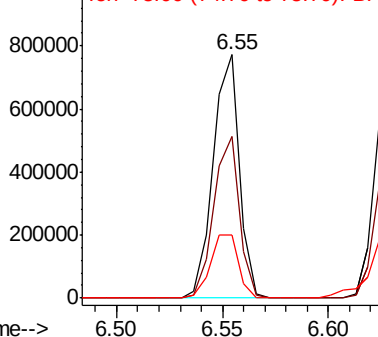
146 100

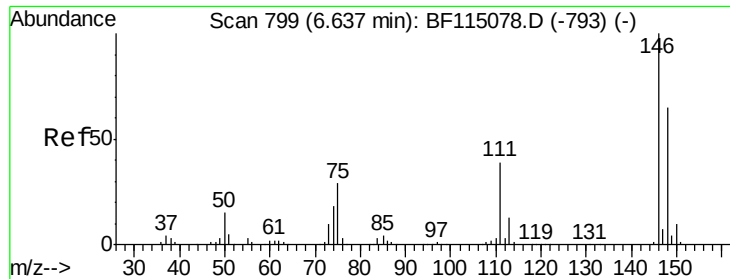
148 66.4 52.6 78.8

75 26.1 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

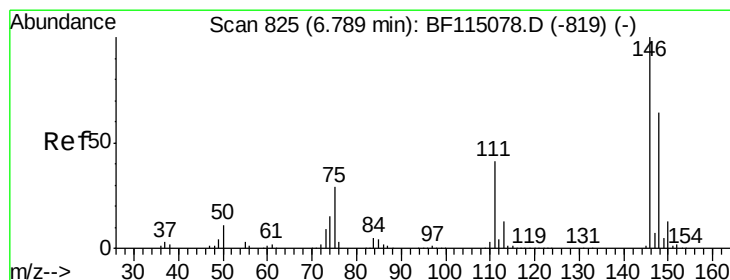
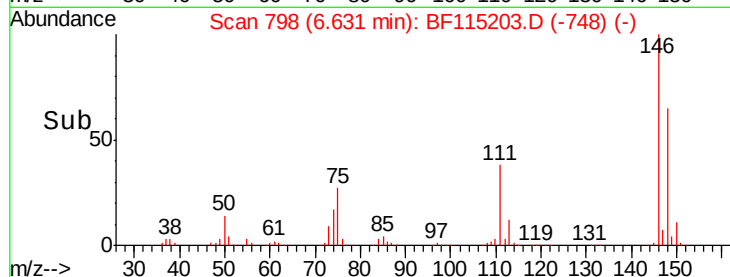
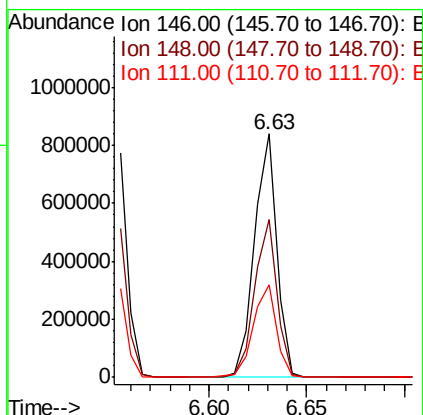
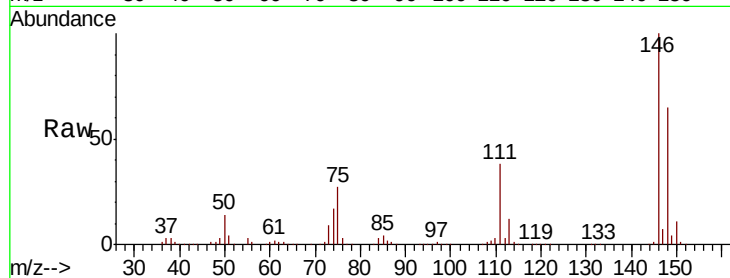




#13
 1,4-Dichlorobenzene
 Concen: 32.115 ng
 RT: 6.63 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF115203.D
 Acq: 25 Jun 2019 22:25

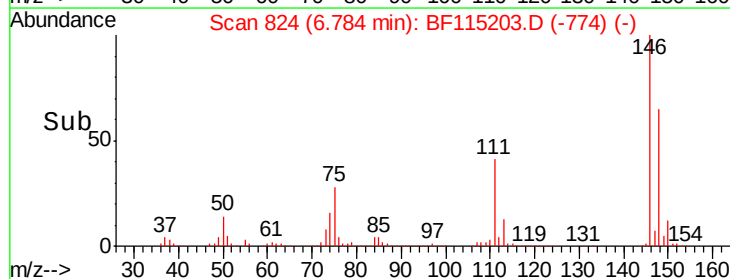
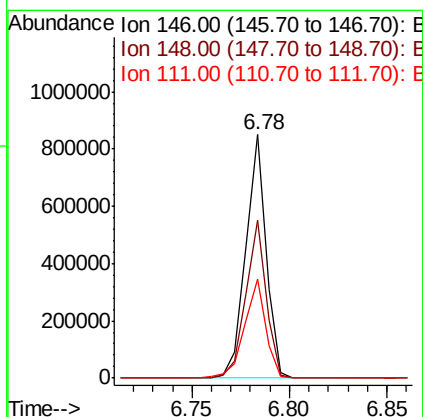
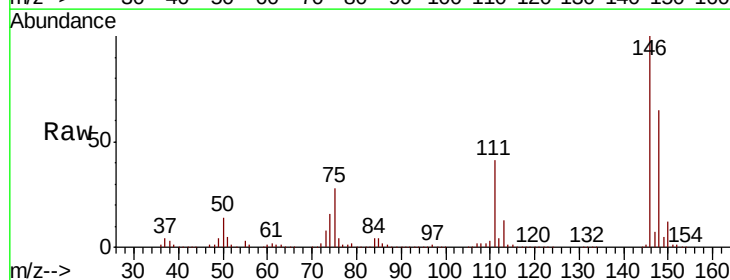
Instrument :
 BNA_F
 ClientSampleId :
 BAT-B08MSD

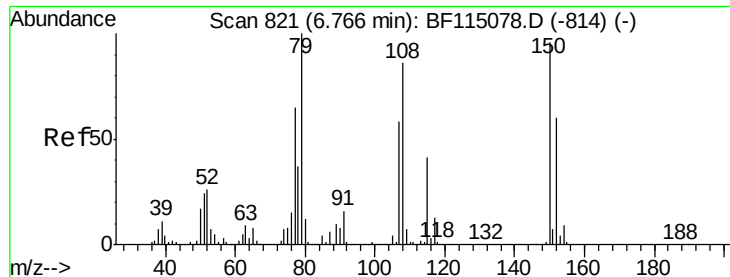
Tgt Ion:146 Resp: 670210
 Ion Ratio Lower Upper
 146 100
 148 64.9 51.9 77.9
 111 38.1 31.4 47.0



#14
 1,2-Dichlorobenzene
 Concen: 31.830 ng
 RT: 6.78 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BF115203.D
 Acq: 25 Jun 2019 22:25

Tgt Ion:146 Resp: 615157
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.1 76.7
 111 40.6 33.2 49.8





#15

Benzyl Alcohol

Concen: 28.768 ng

RT: 6.75 min Scan# 819

Delta R.T. -0.01 min

Lab File: BF115203.D

Acq: 25 Jun 2019 22:25

Instrument :

BNA_F

ClientSampleId :

BAT-B08MSD

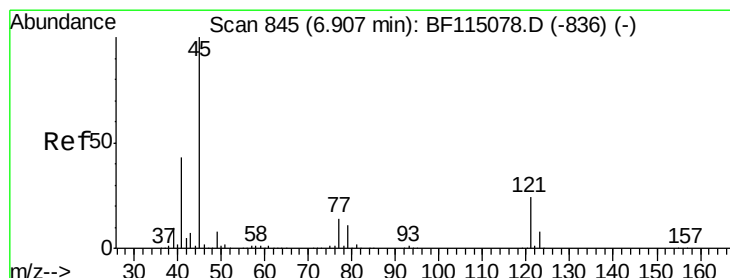
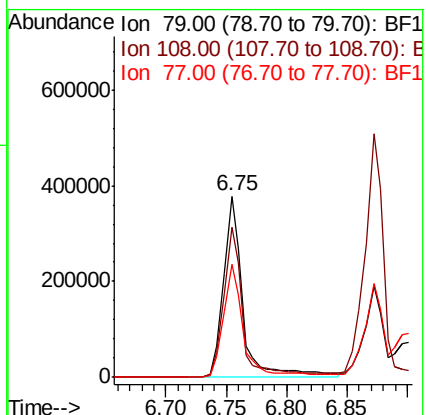
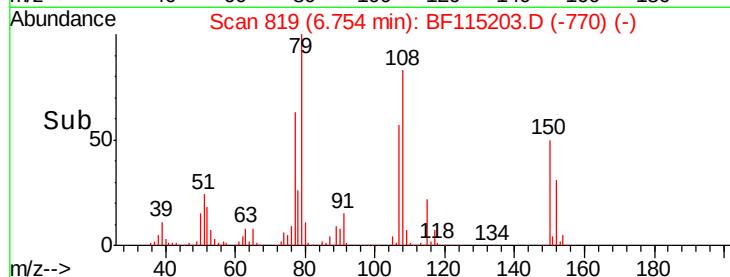
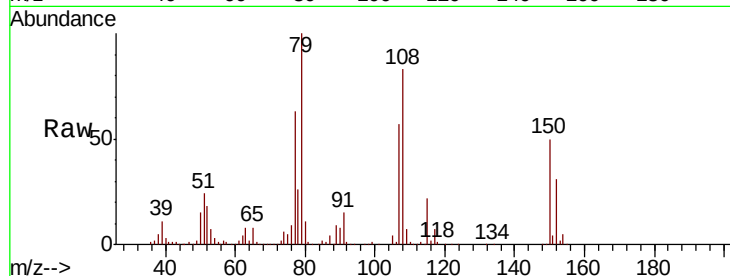
Tgt Ion: 79 Resp: 424021

Ion Ratio Lower Upper

79 100

108 82.7 68.7 103.1

77 62.6 51.7 77.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 29.614 ng

RT: 6.90 min Scan# 843

Delta R.T. -0.01 min

Lab File: BF115203.D

Acq: 25 Jun 2019 22:25

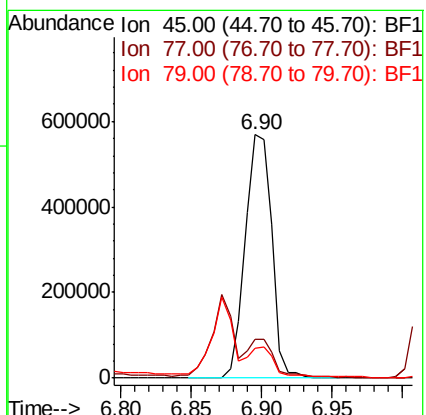
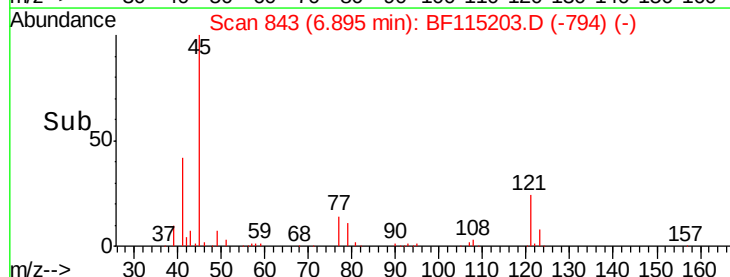
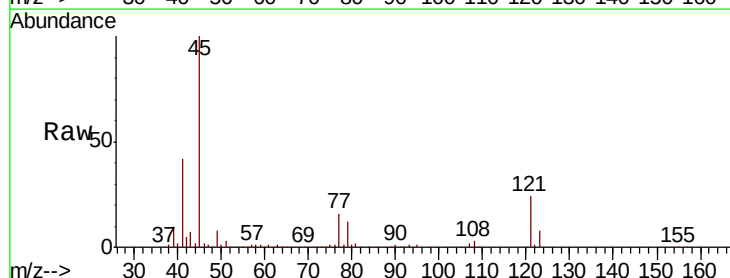
Tgt Ion: 45 Resp: 750707

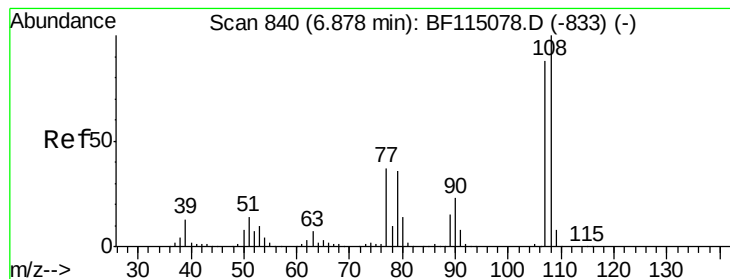
Ion Ratio Lower Upper

45 100

77 15.7 0.0 34.6

79 12.3 0.0 31.2





#17

2-Methylphenol

Concen: 30.737 ng

RT: 6.87 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF115203.D

Acq: 25 Jun 2019 22:25

Instrument :

BNA_F

ClientSampleId :

BAT-B08MSD

Tgt Ion:107 Resp: 475770

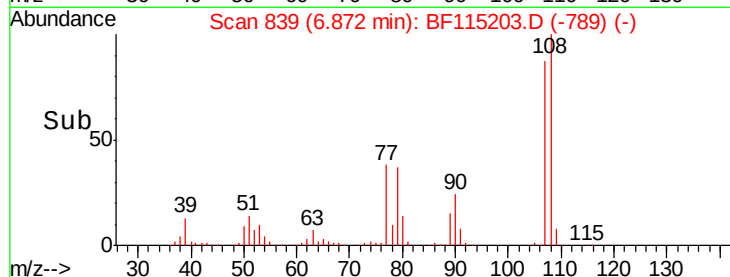
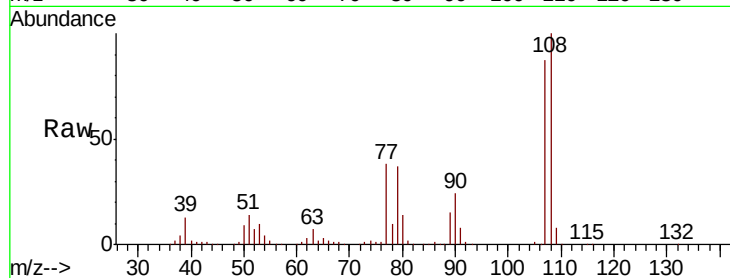
Ion Ratio Lower Upper

107 100

108 115.4 90.9 136.3

77 44.3 33.4 50.2

79 43.1 32.3 48.5



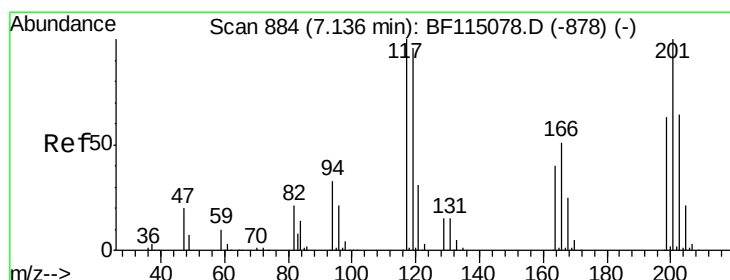
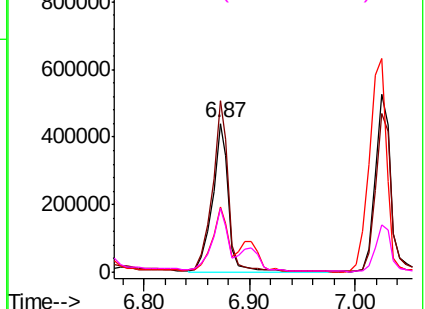
Abundance

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: 30.801 ng

RT: 7.12 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF115203.D

Acq: 25 Jun 2019 22:25

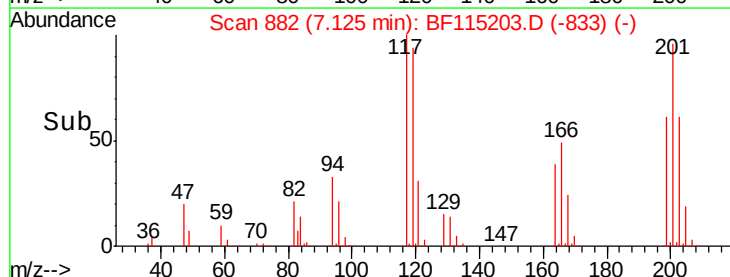
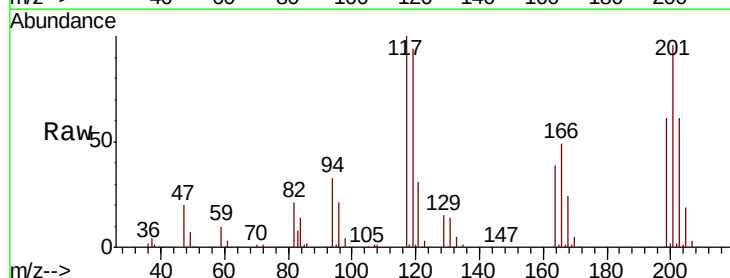
Tgt Ion:117 Resp: 231741

Ion Ratio Lower Upper

117 100

119 93.7 76.6 114.8

201 95.7 80.2 120.2

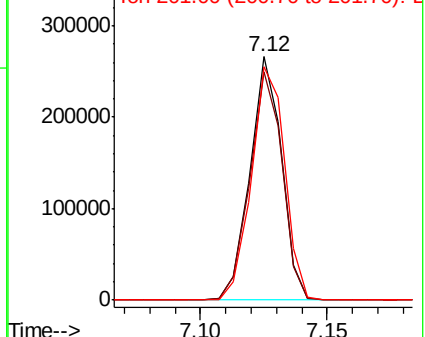


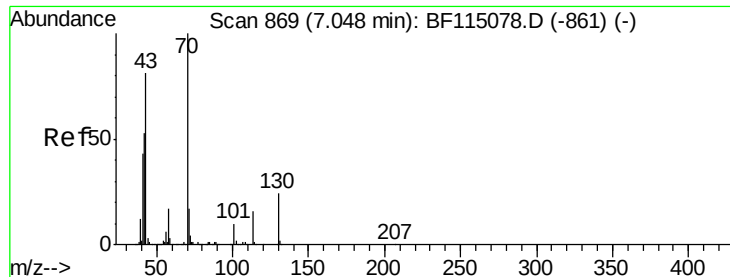
Abundance

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

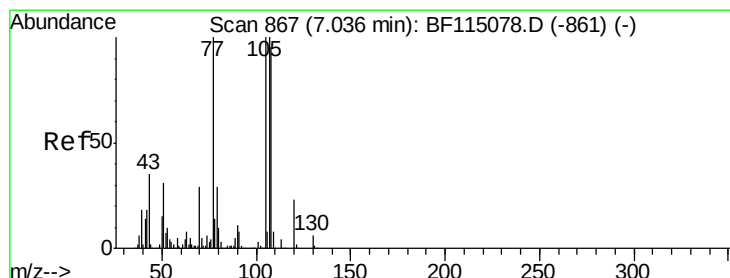
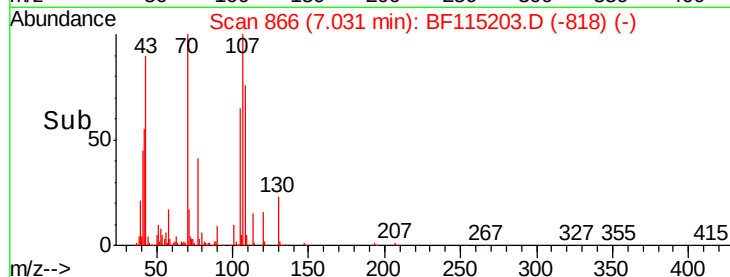
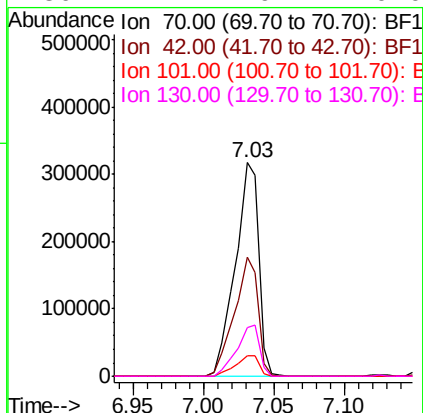
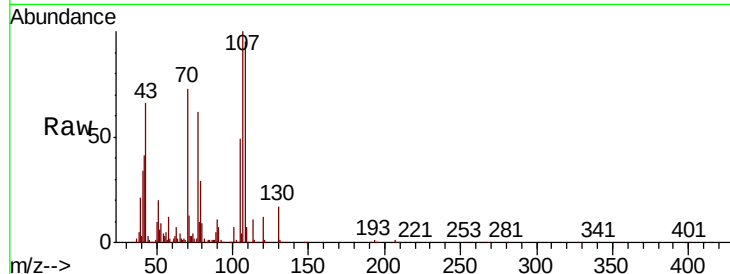




#19
n-Nitroso-di-n-propylamine
Concen: 28.227 ng
RT: 7.03 min Scan# 866
Delta R.T. -0.02 min
Lab File: BF115203.D
Acq: 25 Jun 2019 22:25

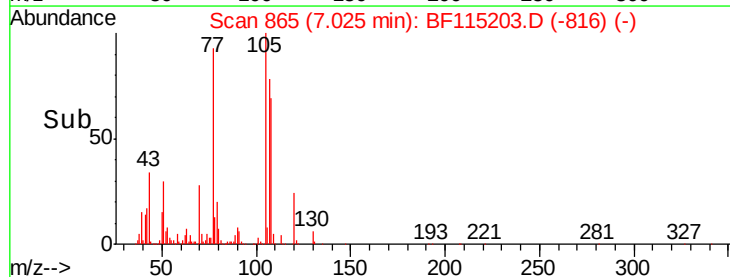
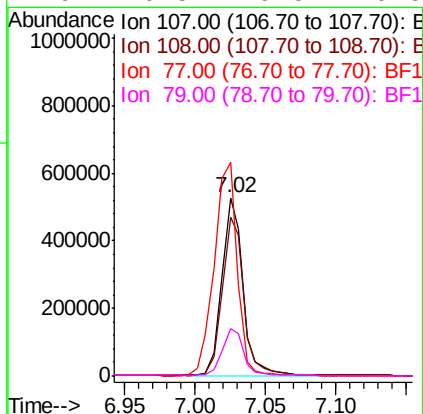
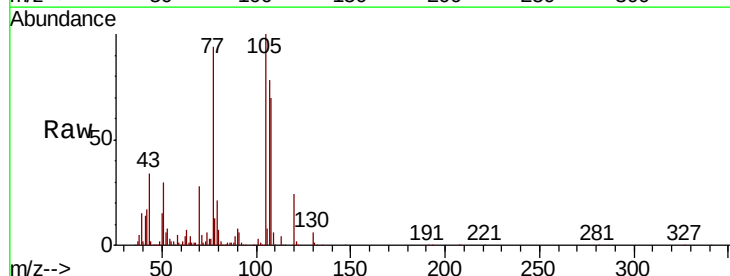
Instrument :
BNA_F
ClientSampleId :
BAT-B08MSD

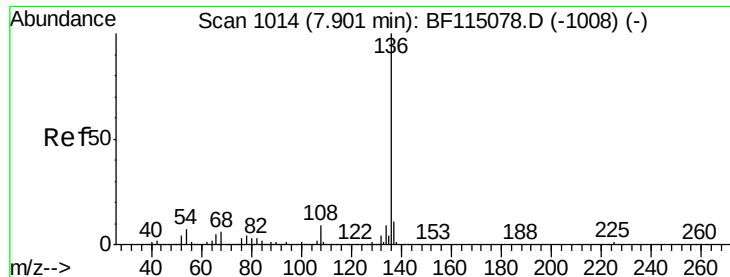
Tgt Ion:	70	Resp:	365791
Ion	Ratio	Lower	Upper
70	100		
42	55.8	42.6	63.8
101	9.7	8.0	12.0
130	22.7	19.4	29.0



#20
3+4-Methylphenols
Concen: 30.295 ng
RT: 7.02 min Scan# 865
Delta R.T. -0.01 min
Lab File: BF115203.D
Acq: 25 Jun 2019 22:25

Tgt Ion:	107	Resp:	541460
Ion	Ratio	Lower	Upper
107	100		
108	89.5	75.5	115.5
77	120.0	80.2	120.2
79	26.5	9.5	49.5

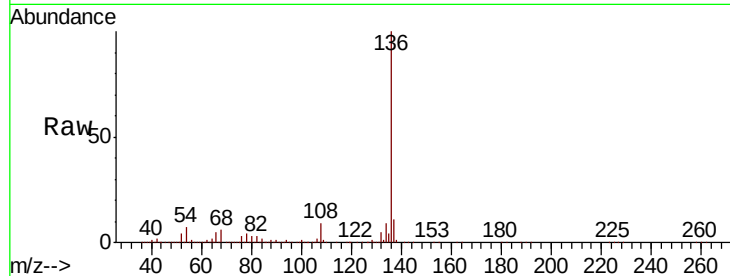




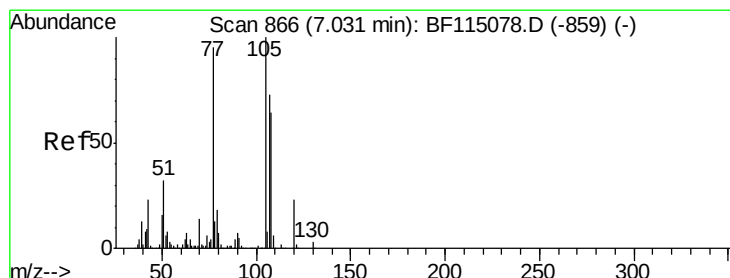
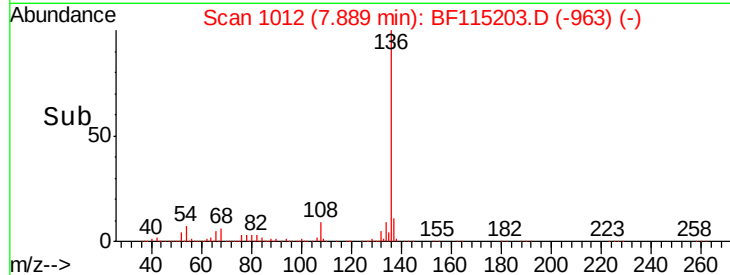
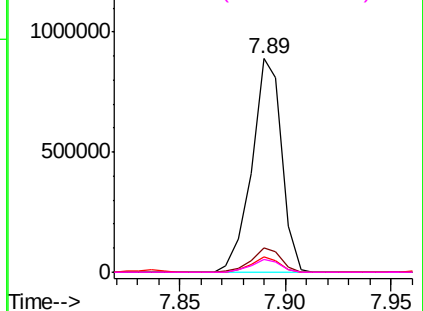
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.89 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF115203.D
Acq: 25 Jun 2019 22:25

Instrument :
BNA_F
ClientSampleId :
BAT-B08MSD

Tgt Ion:	136	Resp:	876314
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.2	5.6	8.4
68	6.2	4.8	7.2

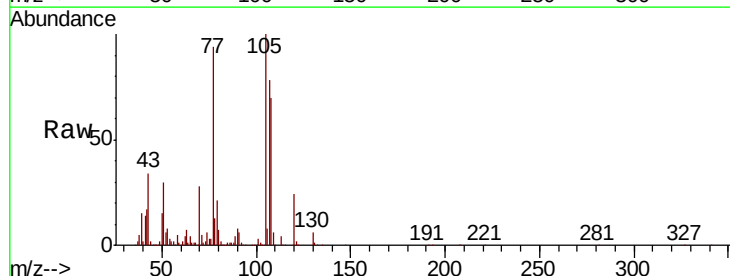


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

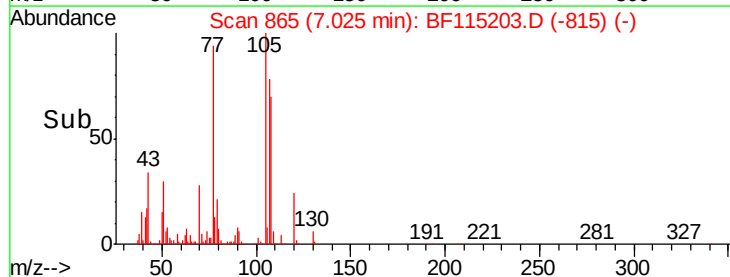
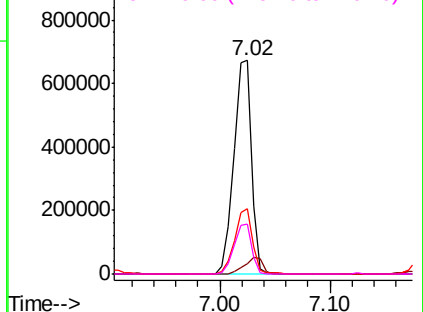


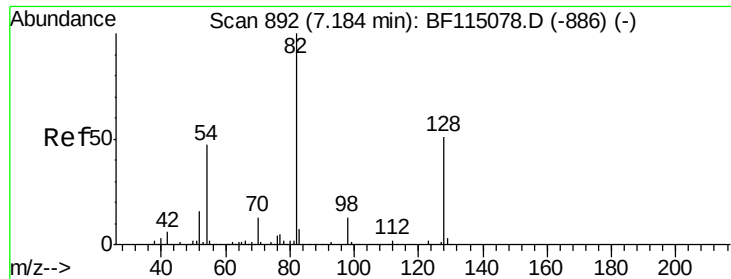
#22
Acetophenone
Concen: 37.877 ng
RT: 7.02 min Scan# 865
Delta R.T. -0.01 min
Lab File: BF115203.D
Acq: 25 Jun 2019 22:25

Tgt Ion:	105	Resp:	759883
Ion	Ratio	Lower	Upper
105	100		
71	4.9	1.9	2.9#
51	30.3	25.8	38.8
120	23.6	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

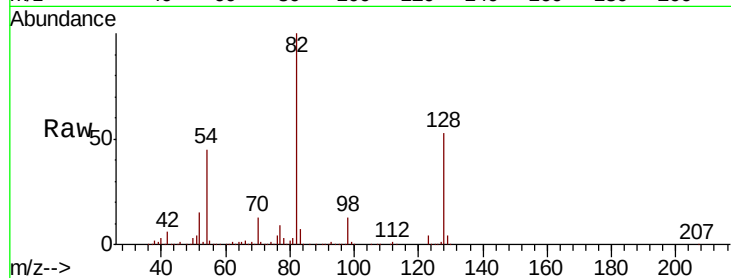




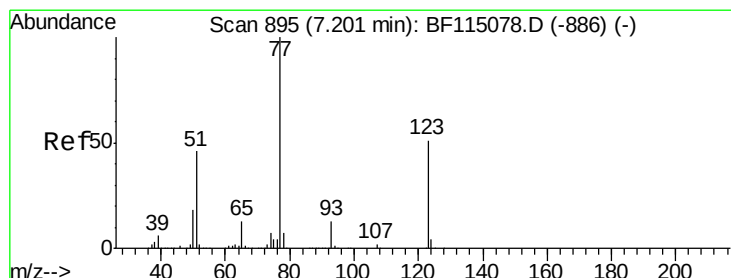
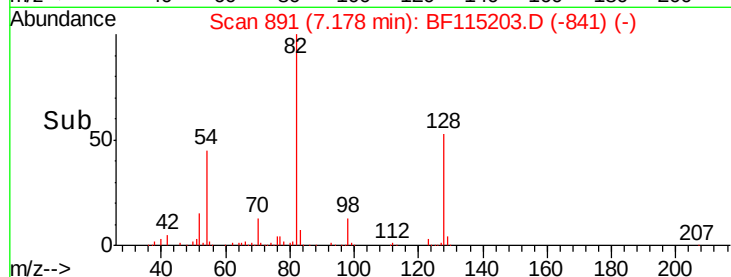
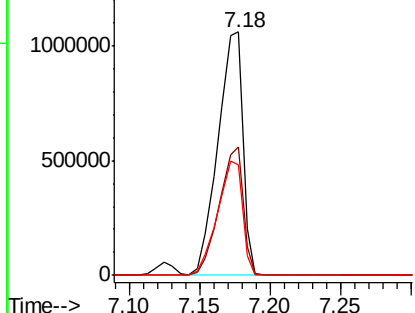
#23
Nitrobenzene-d5
Concen: 91.605 ng
RT: 7.18 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF115203.D
Acq: 25 Jun 2019 22:25

Instrument :
BNA_F
ClientSampleId :
BAT-B08MSD

Tgt Ion: 82 Resp: 1304957
Ion Ratio Lower Upper
82 100
128 52.6 40.4 60.6
54 45.3 37.5 56.3

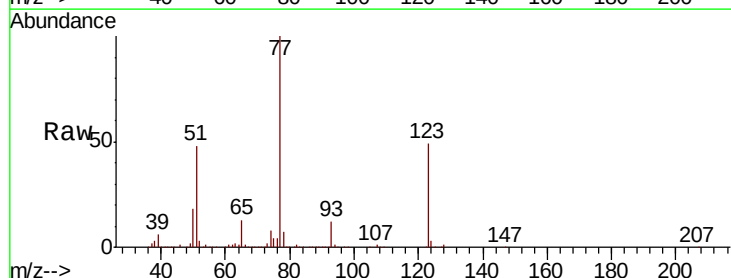


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

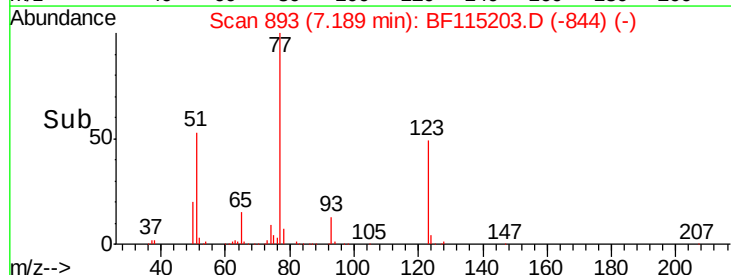
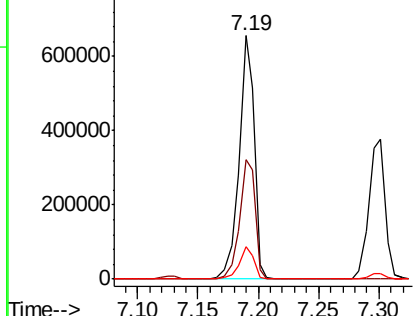


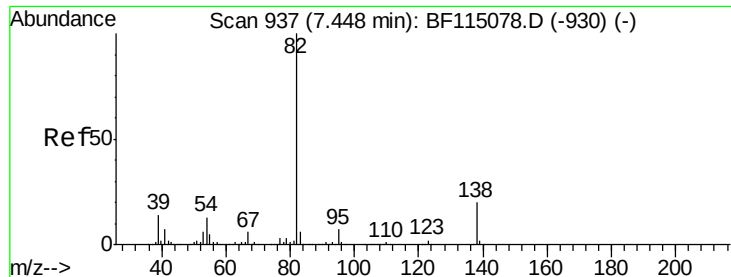
#24
Nitrobenzene
Concen: 36.347 ng
RT: 7.19 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF115203.D
Acq: 25 Jun 2019 22:25

Tgt Ion: 77 Resp: 570431
Ion Ratio Lower Upper
77 100
123 48.8 41.0 61.6
65 13.2 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: 33.149 ng

RT: 7.44 min Scan# 935

Delta R.T. -0.01 min

Lab File: BF115203.D

Acq: 25 Jun 2019 22:25

Instrument :

BNA_F

ClientSampleId :

BAT-B08MSD

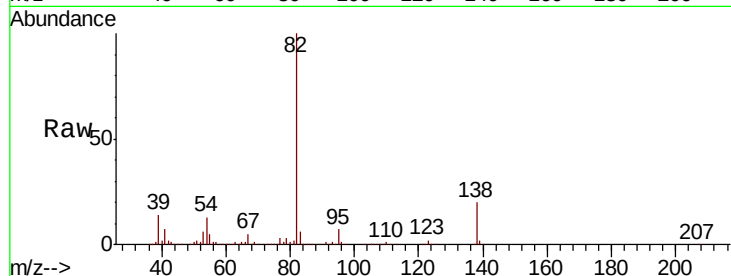
Tgt Ion: 82 Resp: 967364

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.2

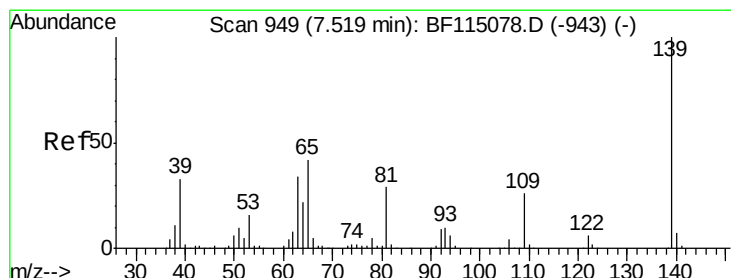
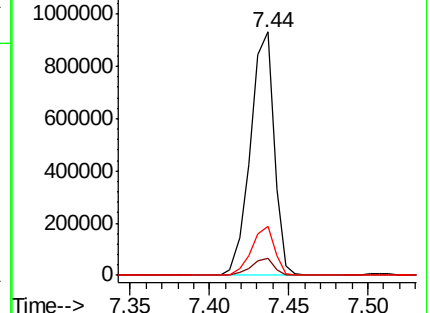
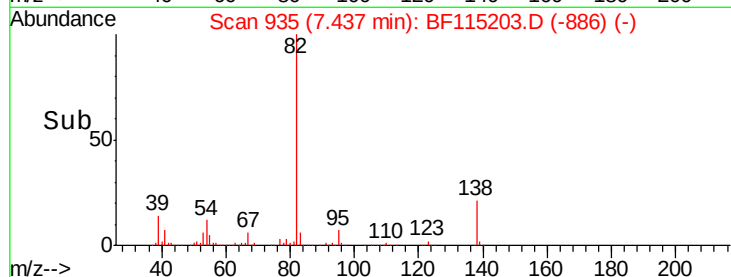
138 20.3 15.9 23.9



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: 38.426 ng

RT: 7.51 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF115203.D

Acq: 25 Jun 2019 22:25

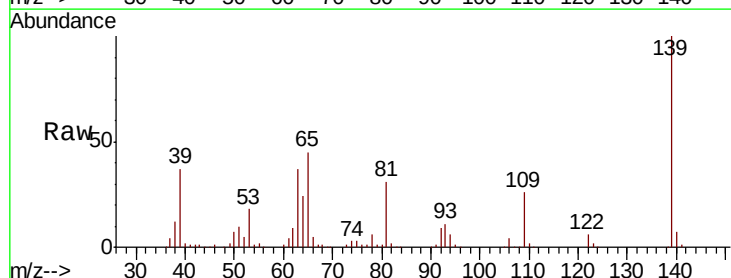
Tgt Ion: 139 Resp: 297814

Ion Ratio Lower Upper

139 100

109 26.3 20.4 30.6

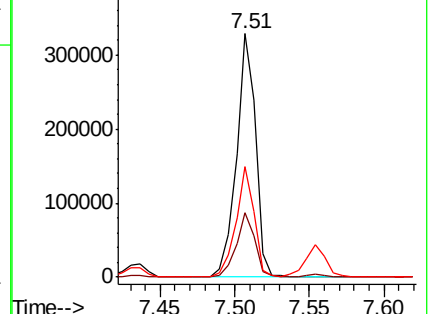
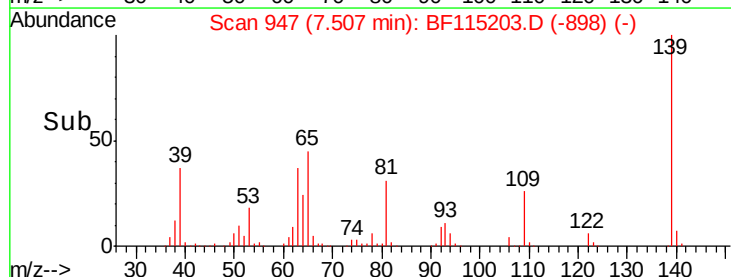
65 45.3 33.6 50.4

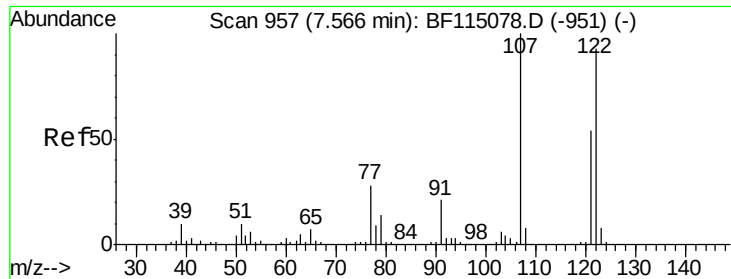


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

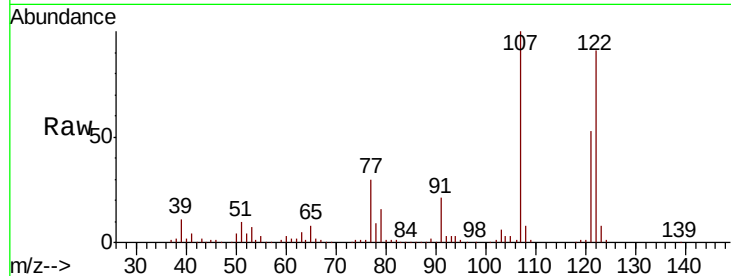




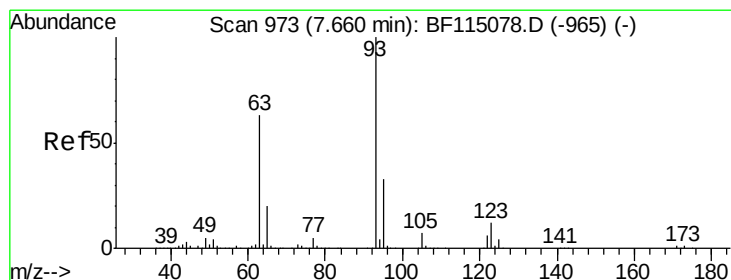
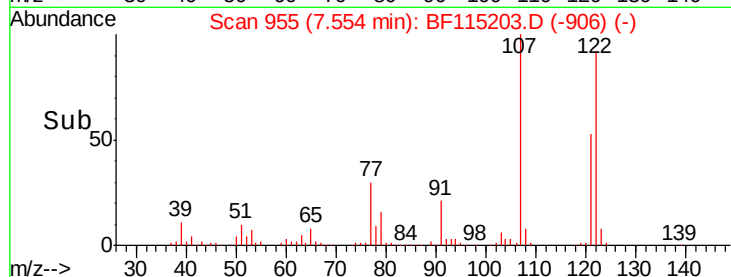
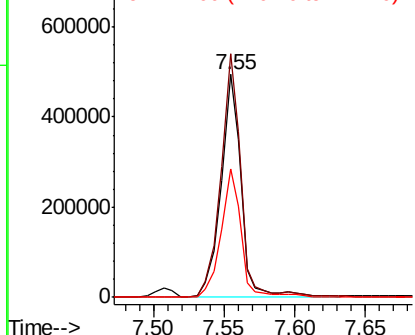
#27
2,4-Dimethylphenol
Concen: 38.652 ng
RT: 7.55 min Scan# 955
Delta R.T. -0.01 min
Lab File: BF115203.D
Acq: 25 Jun 2019 22:25

Instrument :
BNA_F
ClientSampleId :
BAT-B08MSD

Tgt Ion	Ratio	Lower	Upper
122	100		
107	109.4	85.8	128.6
121	57.8	46.3	69.5

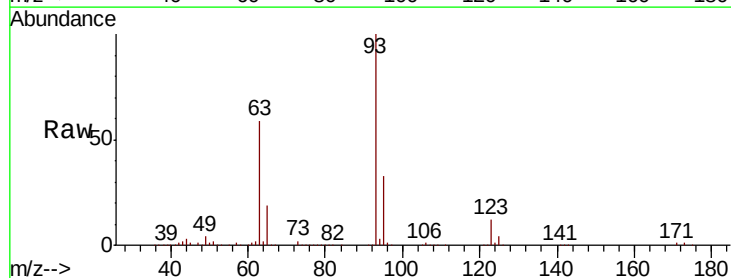


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

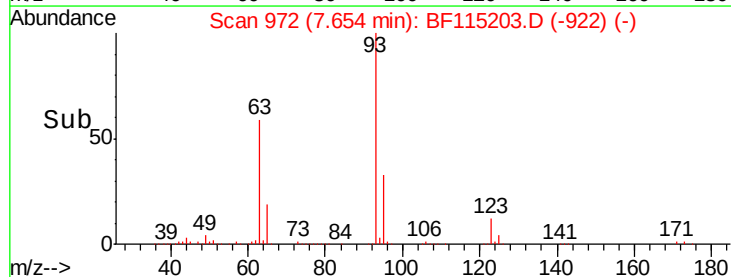
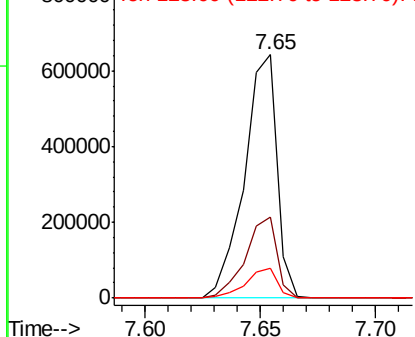


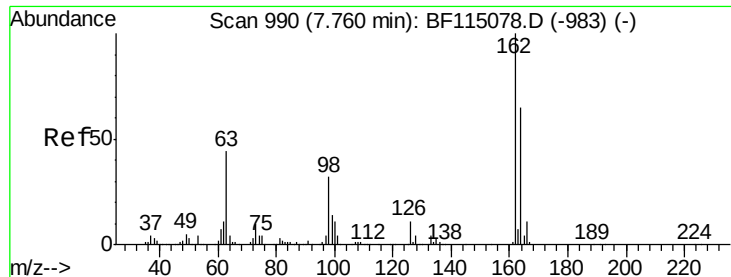
#28
bis(2-Chloroethoxy)methane
Concen: 34.517 ng
RT: 7.65 min Scan# 972
Delta R.T. -0.01 min
Lab File: BF115203.D
Acq: 25 Jun 2019 22:25

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.2	39.4
123	12.3	9.7	14.5



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E

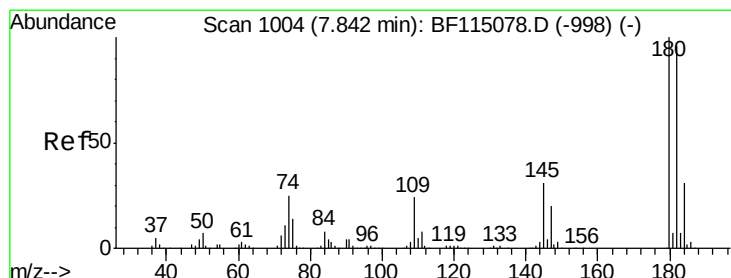
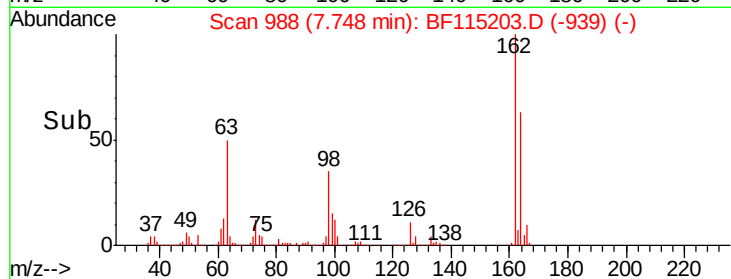
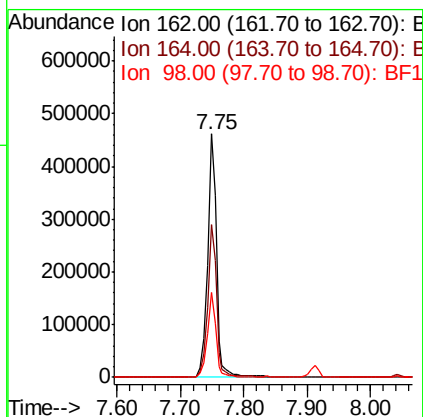
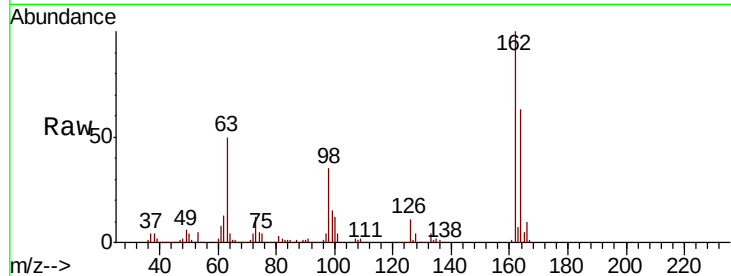




#29
2,4-Dichlorophenol
Concen: 34.452 ng
RT: 7.75 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF115203.D
Acq: 25 Jun 2019 22:25

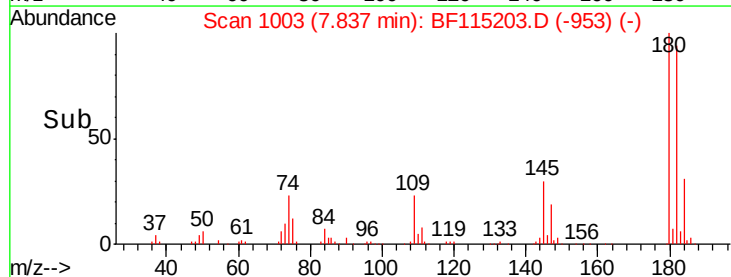
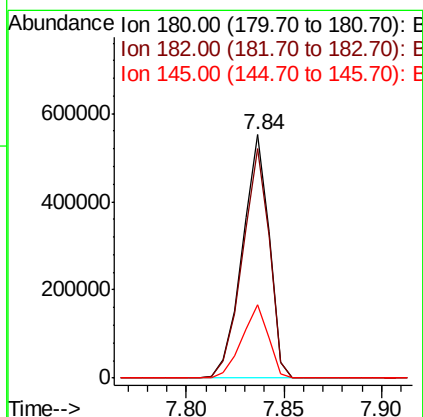
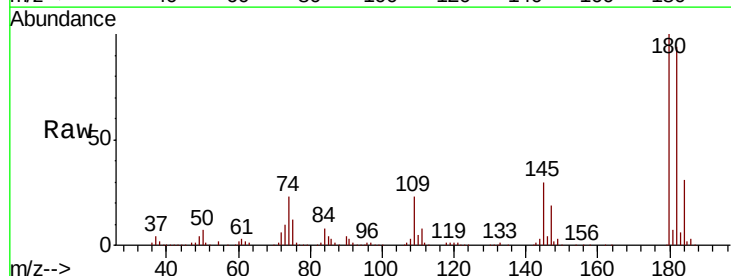
Instrument :
BNA_F
ClientSampleId :
BAT-B08MSD

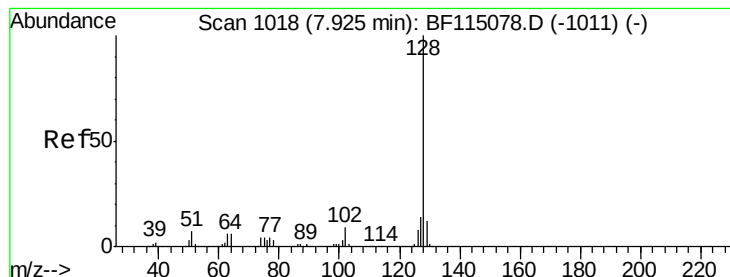
Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.7	45.3	85.3
98	34.9	12.5	52.5



#30
1,2,4-Trichlorobenzene
Concen: 36.144 ng
RT: 7.84 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF115203.D
Acq: 25 Jun 2019 22:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	76.4	114.6
145	30.0	24.8	37.2





#31

Naphthalene

Concen: 36.933 ng

RT: 7.91 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BF115203.D

Acq: 25 Jun 2019 22:25

Instrument :

BNA_F

ClientSampleId :

BAT-B08MSD

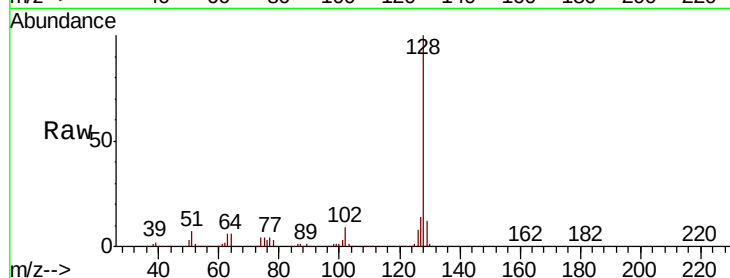
Tgt Ion:128 Resp: 1588701

Ion Ratio Lower Upper

128 100

129 11.7 9.6 14.4

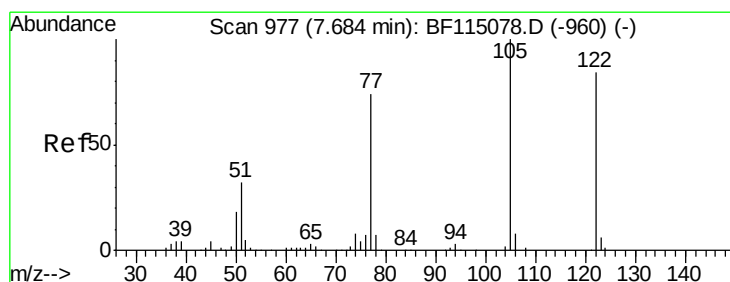
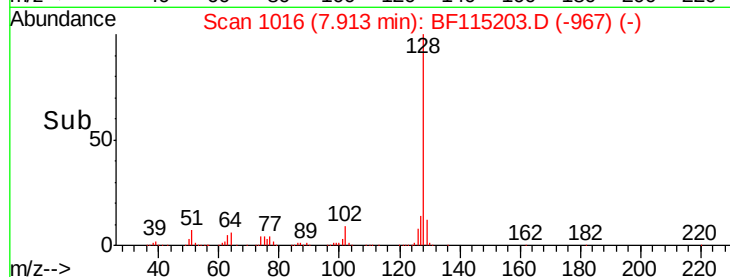
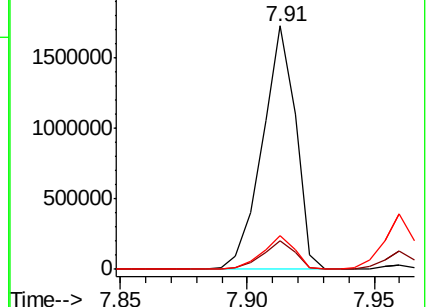
127 13.7 11.4 17.0



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



#32

Benzoic acid

Concen: 54.148 ng

RT: 7.55 min Scan# 955

Delta R.T. -0.13 min

Lab File: BF115203.D

Acq: 25 Jun 2019 22:25

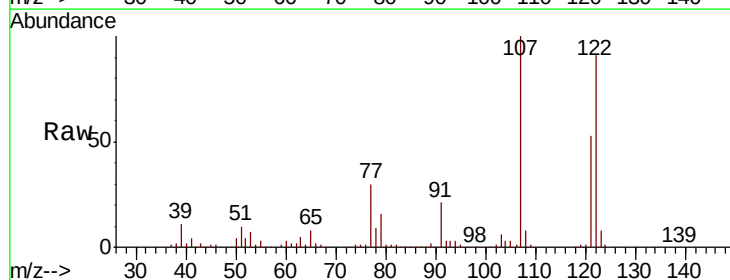
Tgt Ion:122 Resp: 490474

Ion Ratio Lower Upper

122 100

105 3.4 98.2 138.2#

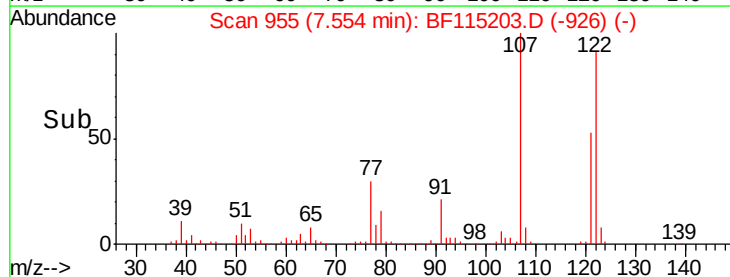
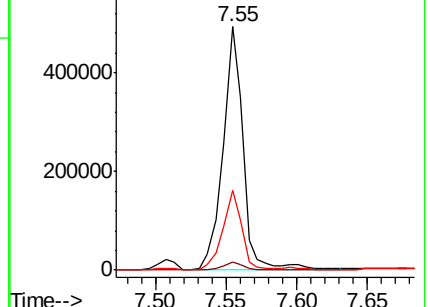
77 32.6 67.0 107.0#

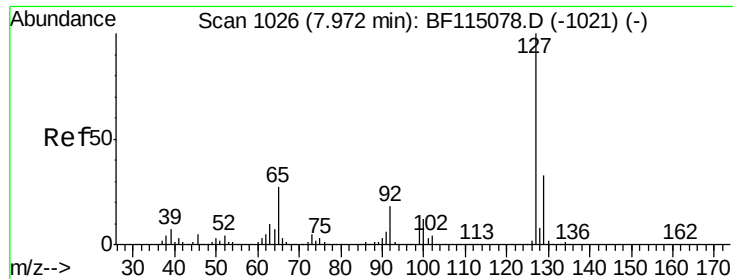


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

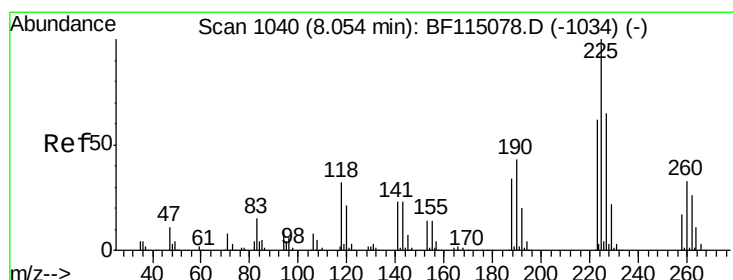
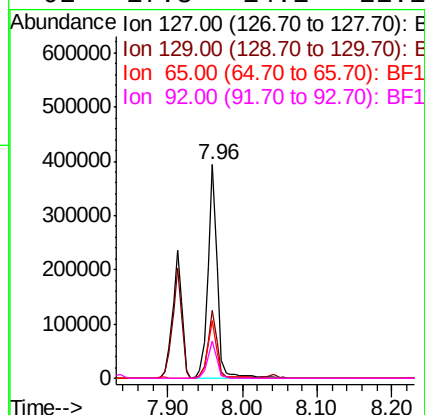
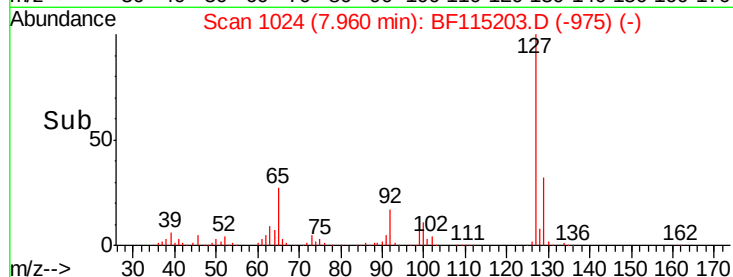
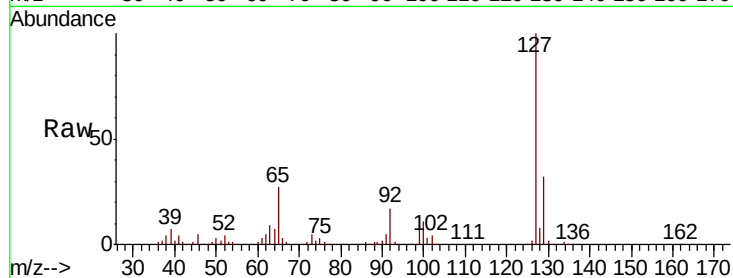




#33
4-Chloroaniline
Concen: 17.647 ng
RT: 7.96 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF115203.D
Acq: 25 Jun 2019 22:25

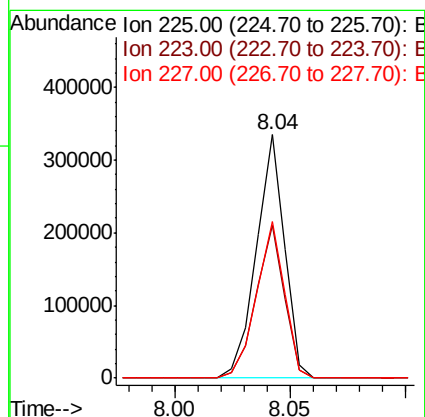
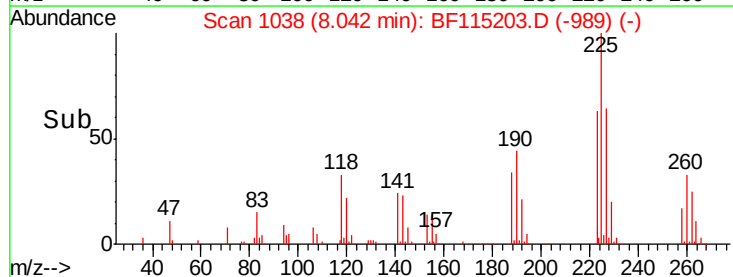
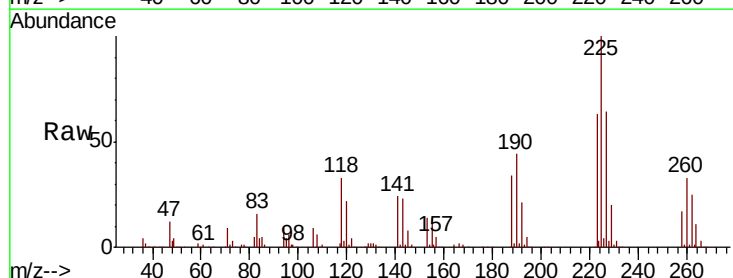
Instrument :
BNA_F
ClientSampleId :
BAT-B08MSD

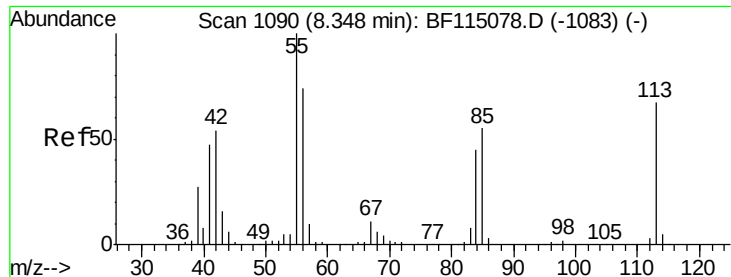
Tgt Ion:	127	Resp:	346930
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.1	39.1
65	26.7	21.4	32.2
92	17.3	14.1	21.1



#34
Hexachlorobutadiene
Concen: 36.199 ng
RT: 8.04 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF115203.D
Acq: 25 Jun 2019 22:25

Tgt Ion:	225	Resp:	286943
Ion	Ratio	Lower	Upper
225	100		
223	62.7	49.4	74.2
227	64.1	51.8	77.8

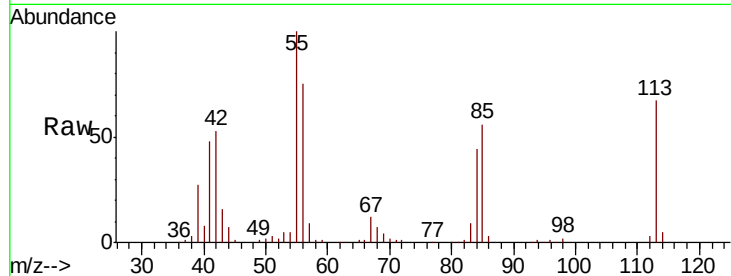




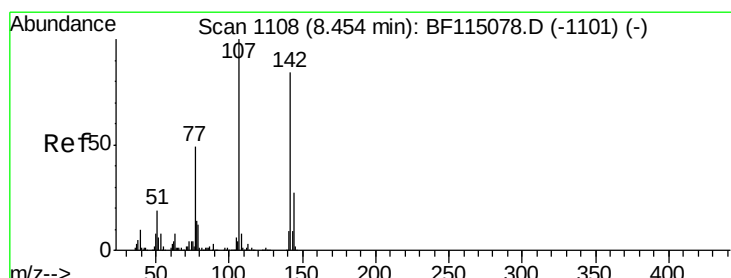
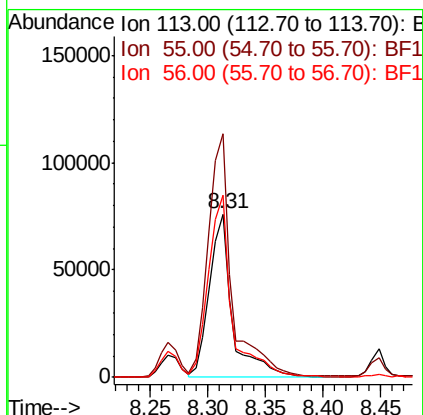
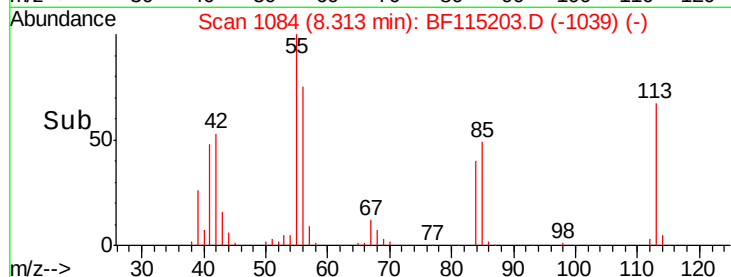
#35
 Caprolactam
 Concen: 24.064 ng
 RT: 8.31 min Scan# 1084
 Delta R.T. -0.04 min
 Lab File: BF115203.D
 Acq: 25 Jun 2019 22:25

Instrument :
 BNA_F
 ClientSampleId :
 BAT-B08MSD

Tgt Ion:113 Resp: 105948
 Ion Ratio Lower Upper
 113 100
 55 149.4 130.2 170.2
 56 112.0 91.6 131.6

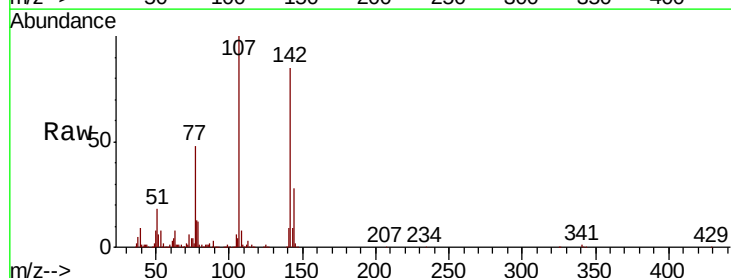


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

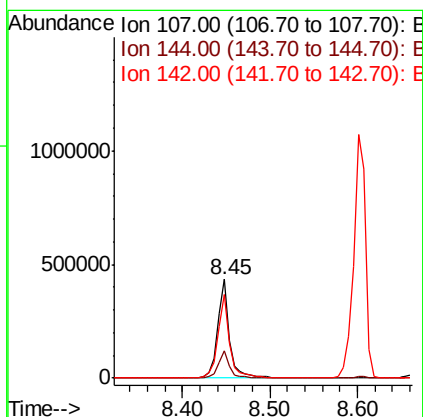
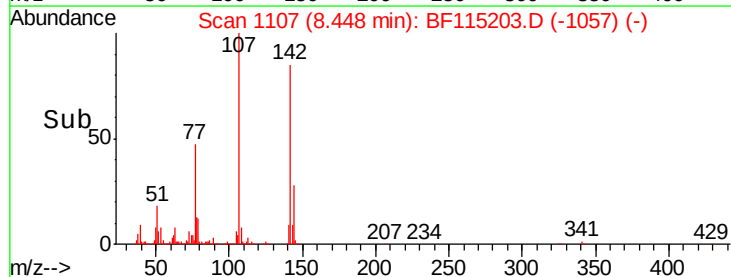


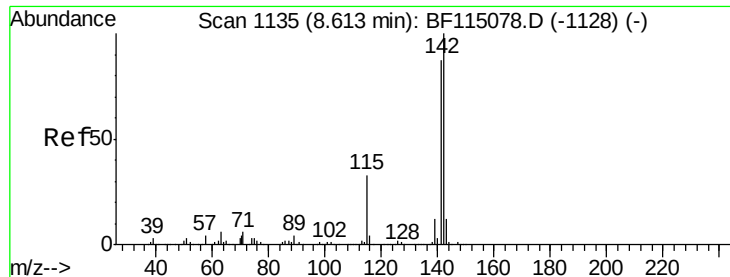
#36
 4-Chloro-3-methylphenol
 Concen: 30.977 ng
 RT: 8.45 min Scan# 1107
 Delta R.T. -0.01 min
 Lab File: BF115203.D
 Acq: 25 Jun 2019 22:25

Tgt Ion:107 Resp: 410819
 Ion Ratio Lower Upper
 107 100
 144 27.9 21.7 32.5
 142 84.9 67.0 100.4



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

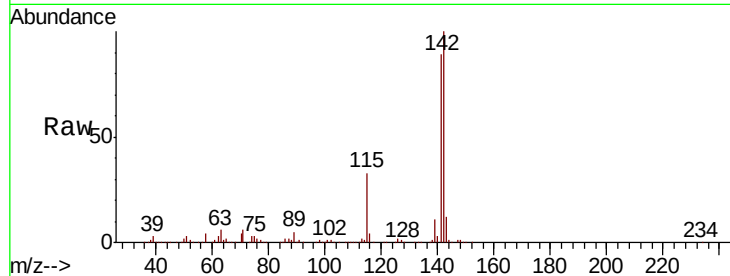




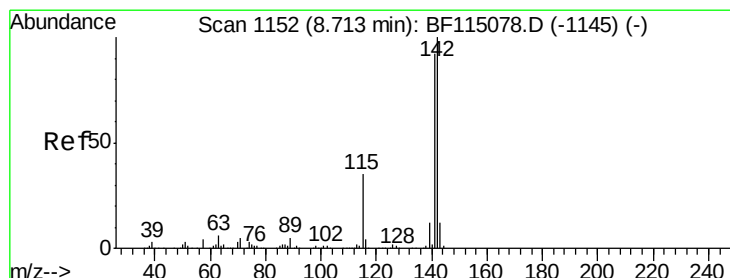
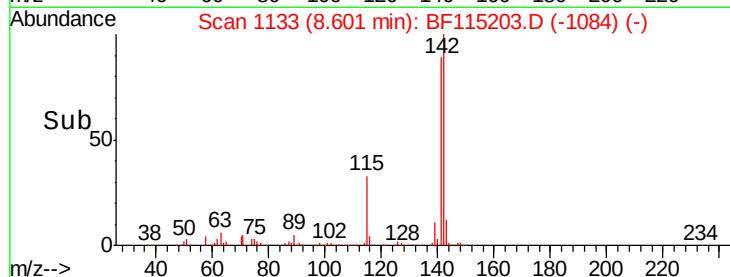
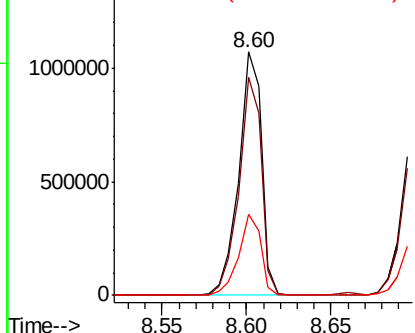
#37
 2-Methylnaphthalene
 Concen: 34.737 ng
 RT: 8.60 min Scan# 1133
 Delta R.T. -0.01 min
 Lab File: BF115203.D
 Acq: 25 Jun 2019 22:25

Instrument :
 BNA_F
 ClientSampleId :
 BAT-B08MSD

Tgt Ion:142 Resp: 1007491
 Ion Ratio Lower Upper
 142 100
 141 89.5 69.8 104.6
 115 33.2 26.7 40.1

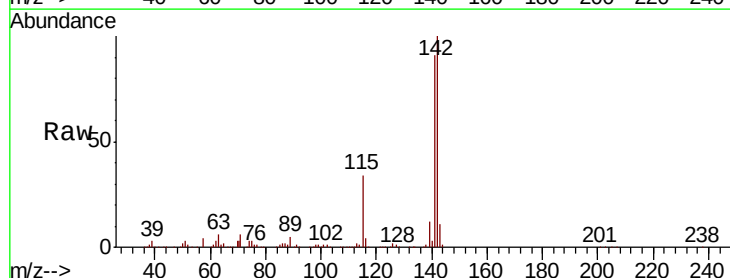


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

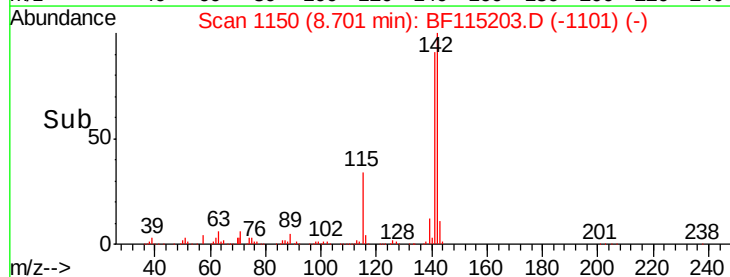
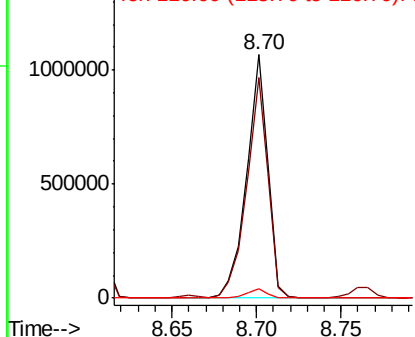


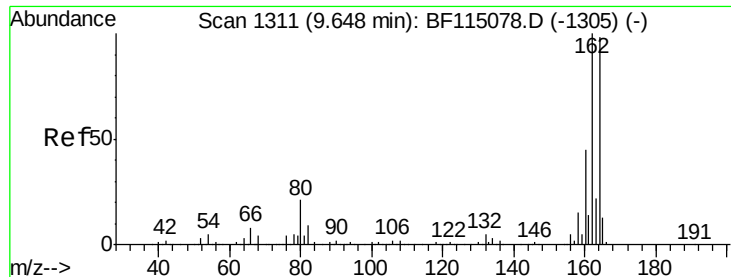
#38
 1-Methylnaphthalene
 Concen: 33.732 ng
 RT: 8.70 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF115203.D
 Acq: 25 Jun 2019 22:25

Tgt Ion:142 Resp: 934408
 Ion Ratio Lower Upper
 142 100
 141 90.6 73.8 110.8
 116 3.7 2.8 4.2



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

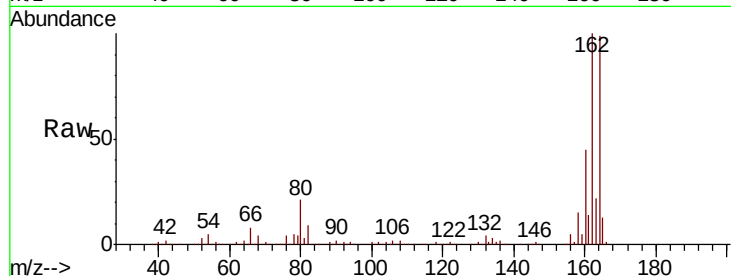




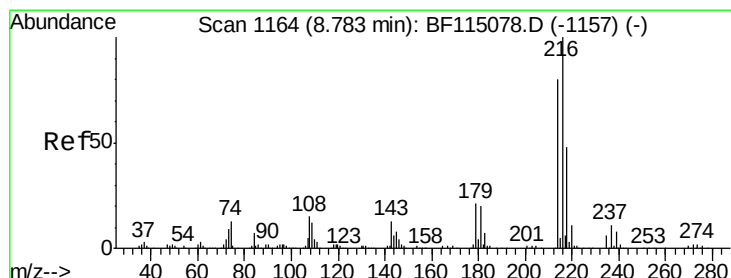
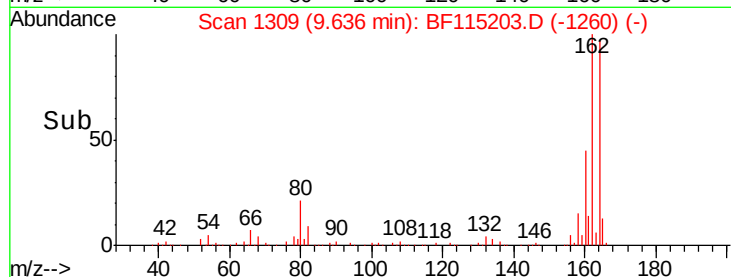
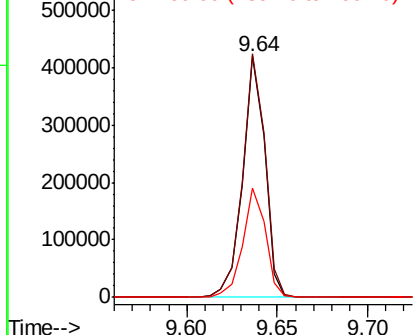
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.64 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF115203.D
Acq: 25 Jun 2019 22:25

Instrument :
BNA_F
ClientSampleId :
BAT-B08MSD

Tgt Ion:164 Resp: 355321
Ion Ratio Lower Upper
164 100
162 101.2 81.7 122.5
160 45.3 37.0 55.4

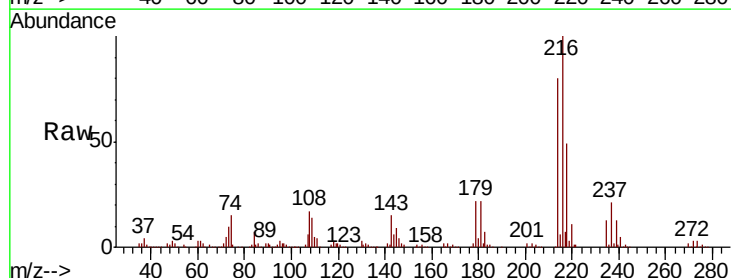


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

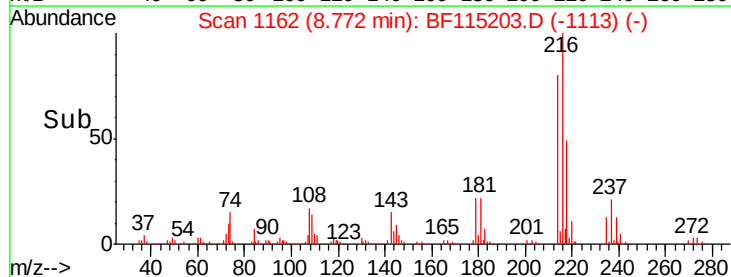
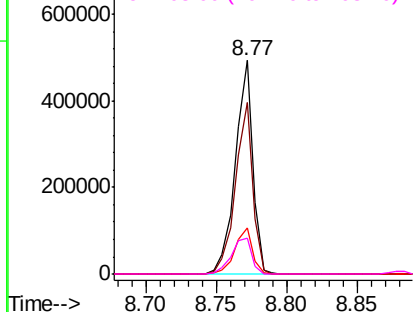


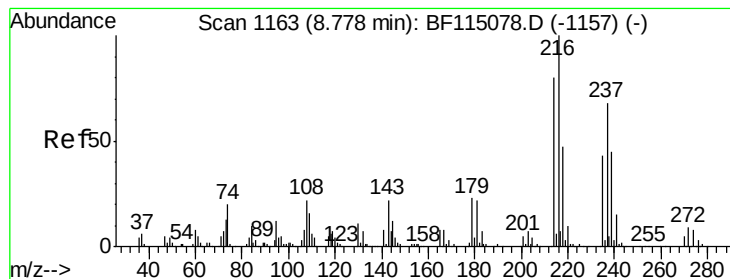
#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.299 ng
RT: 8.77 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BF115203.D
Acq: 25 Jun 2019 22:25

Tgt Ion:216 Resp: 424719
Ion Ratio Lower Upper
216 100
214 80.1 63.8 95.6
179 21.7 17.6 26.4
108 19.9 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: 58.364 ng

RT: 8.77 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BF115203.D

Acq: 25 Jun 2019 22:25

Instrument :

BNA_F

ClientSampleId :

BAT-B08MSD

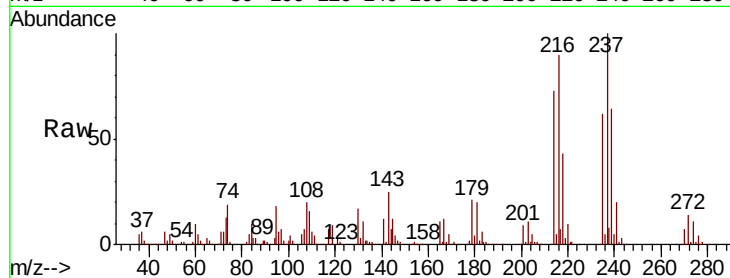
Tgt Ion:237 Resp: 347490

Ion Ratio Lower Upper

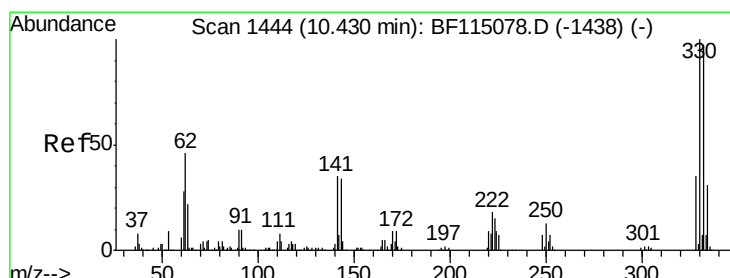
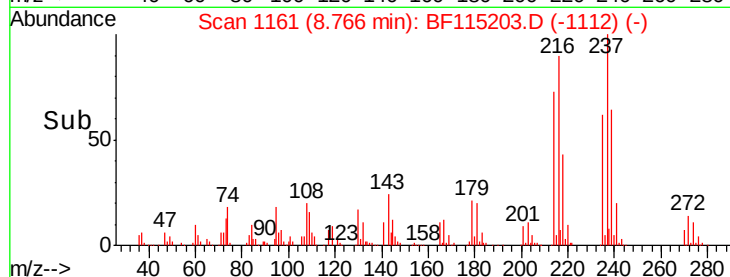
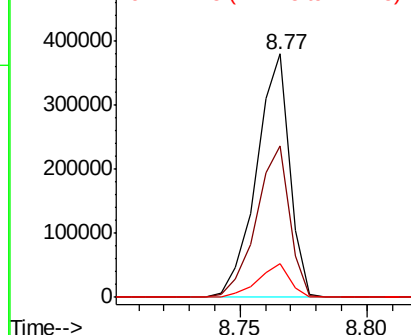
237 100

235 62.1 43.9 83.9

272 13.9 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: 119.776 ng

RT: 10.42 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BF115203.D

Acq: 25 Jun 2019 22:25

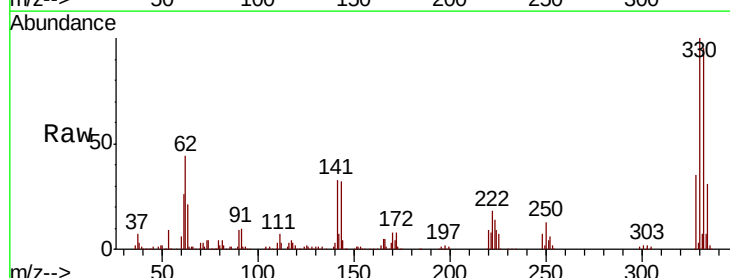
Tgt Ion:330 Resp: 448800

Ion Ratio Lower Upper

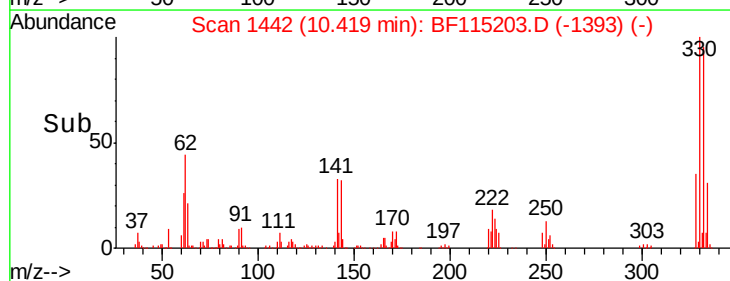
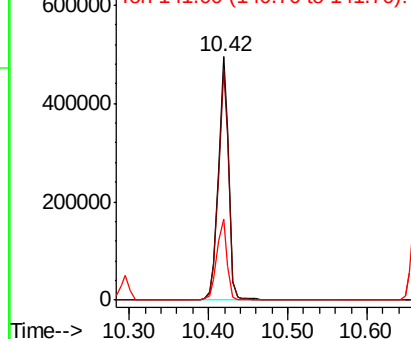
330 100

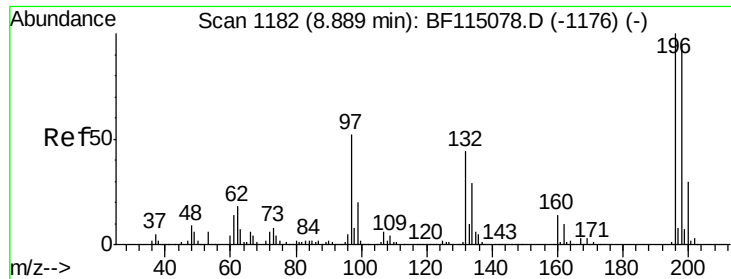
332 95.5 77.3 115.9

141 33.3 28.2 42.2



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

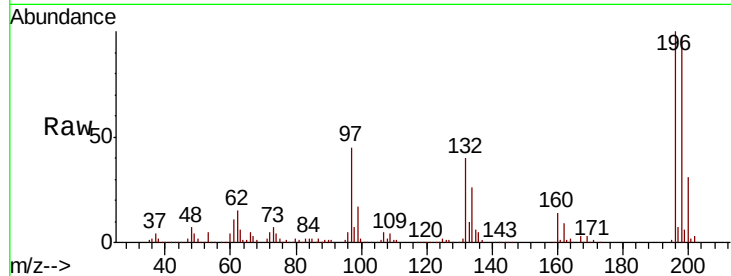




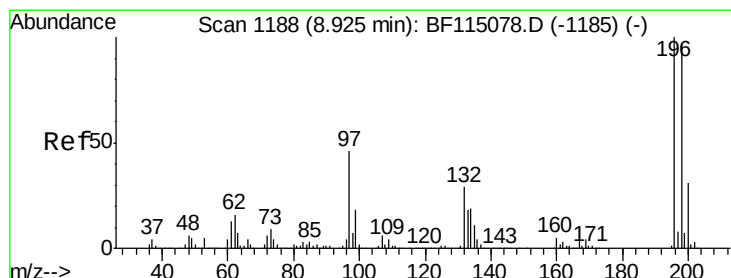
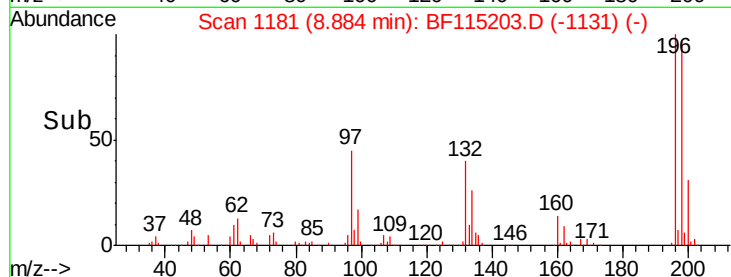
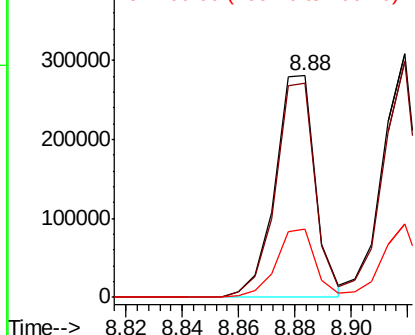
#43
 2,4,6-Trichlorophenol
 Concen: 35.751 ng
 RT: 8.88 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF115203.D
 Acq: 25 Jun 2019 22:25

Instrument :
 BNA_F
 ClientSampleId :
 BAT-B08MSD

Tgt Ion:196 Resp: 277135
 Ion Ratio Lower Upper
 196 100
 198 96.5 76.3 114.5
 200 30.6 24.2 36.4



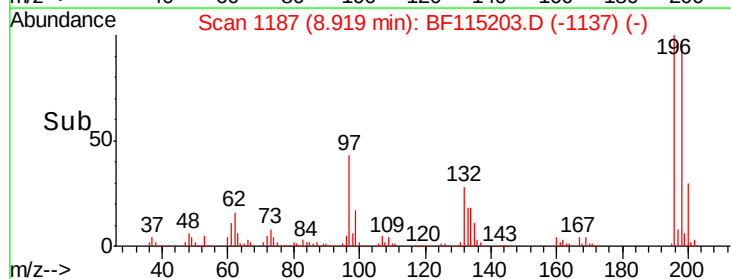
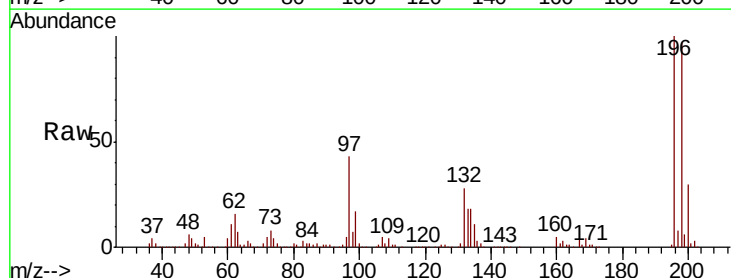
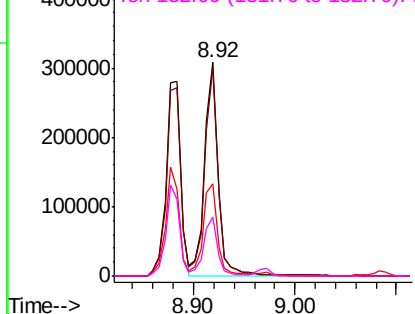
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

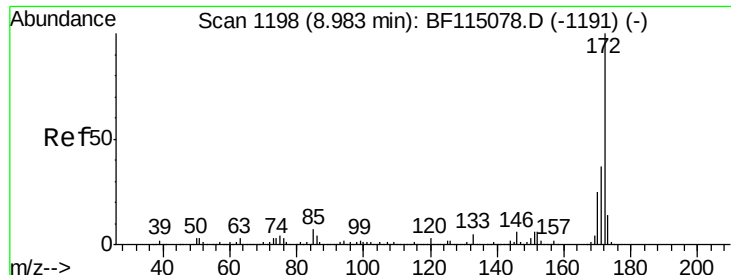


#44
 2,4,5-Trichlorophenol
 Concen: 36.069 ng
 RT: 8.92 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF115203.D
 Acq: 25 Jun 2019 22:25

Tgt Ion:196 Resp: 287932
 Ion Ratio Lower Upper
 196 100
 198 96.8 77.1 115.7
 97 42.9 37.7 56.5
 132 27.9 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

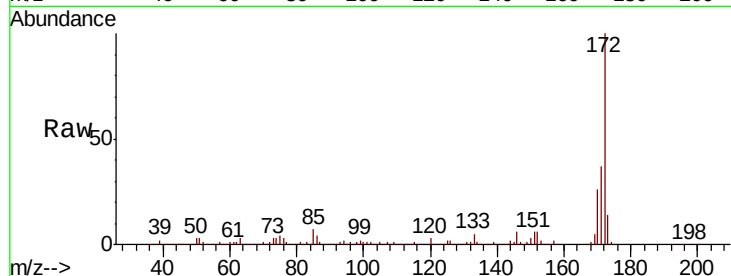




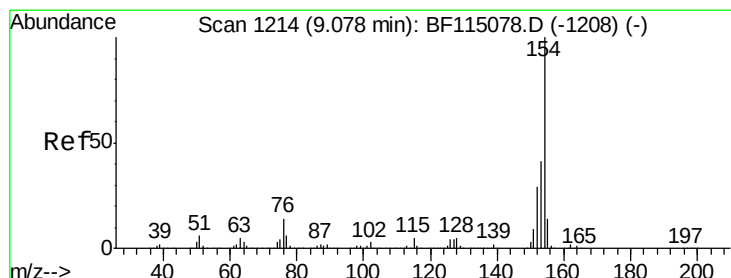
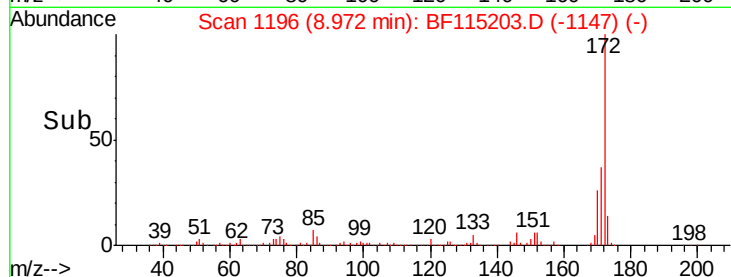
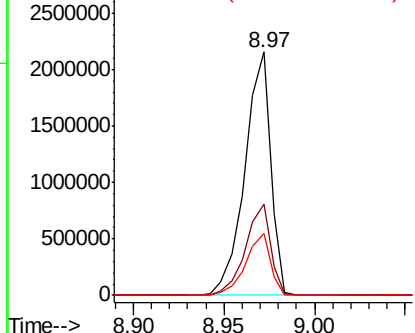
#45
2-Fluorobiphenyl
Concen: 102.442 ng
RT: 8.97 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF115203.D
Acq: 25 Jun 2019 22:25

Instrument :
BNA_F
ClientSampleId :
BAT-B08MSD

Tgt Ion:172 Resp: 2142911
Ion Ratio Lower Upper
172 100
171 37.3 29.8 44.6
170 25.6 20.3 30.5

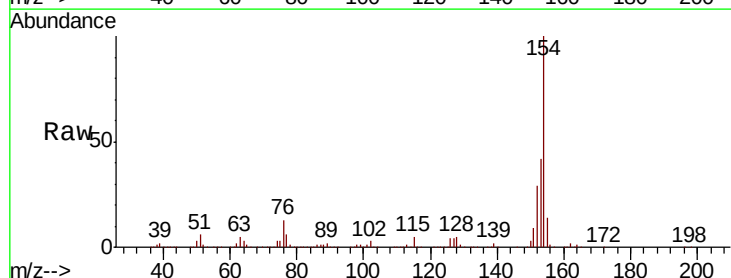


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

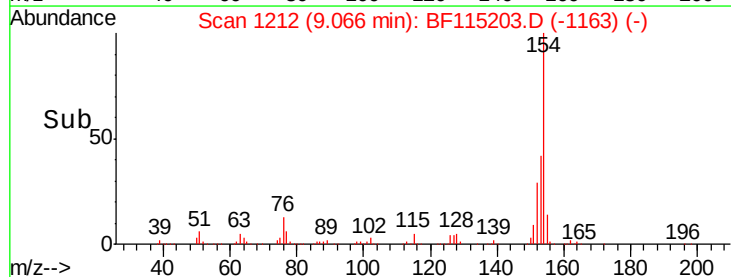
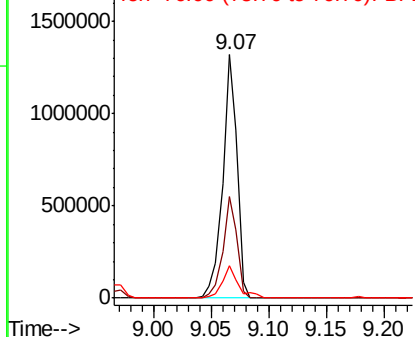


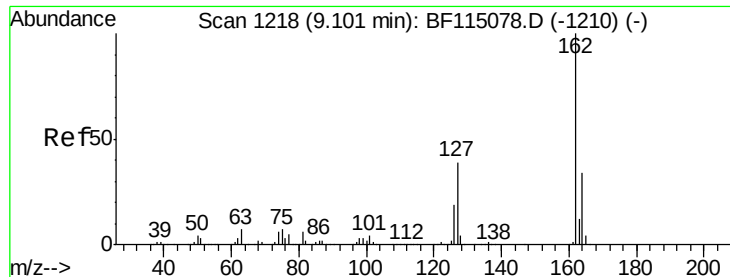
#46
1,1'-Biphenyl
Concen: 39.926 ng
RT: 9.07 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF115203.D
Acq: 25 Jun 2019 22:25

Tgt Ion:154 Resp: 1135138
Ion Ratio Lower Upper
154 100
153 41.7 20.9 60.9
76 13.3 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

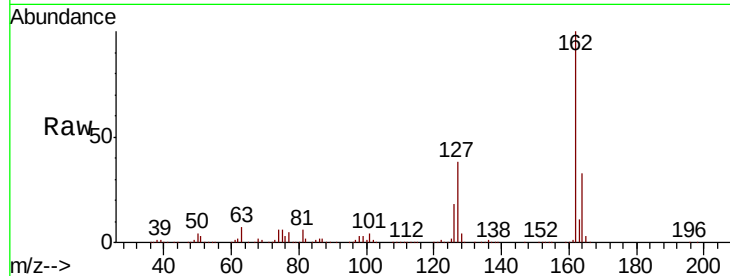




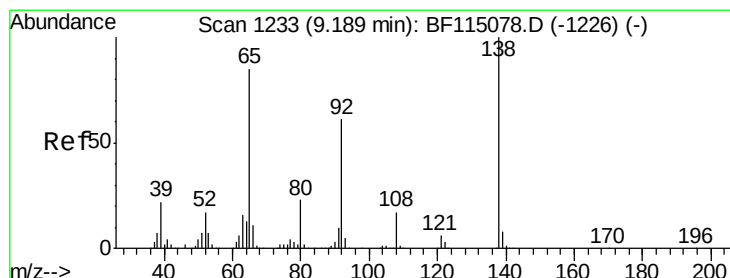
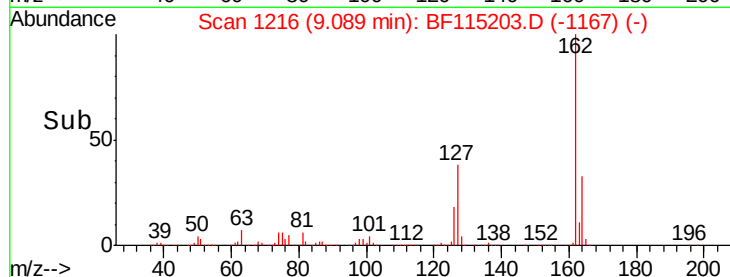
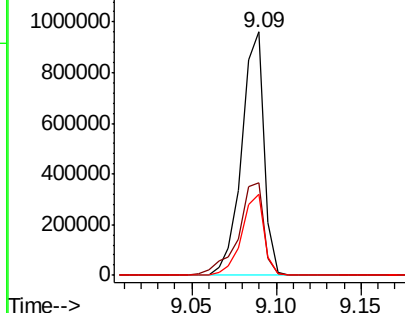
#47
2-Chloronaphthalene
Concen: 38.535 ng
RT: 9.09 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF115203.D
Acq: 25 Jun 2019 22:25

Instrument :
BNA_F
ClientSampleId :
BAT-B08MSD

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.8	30.8	46.2
164	33.1	27.0	40.4

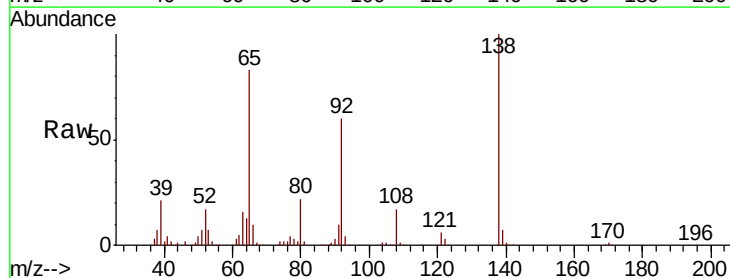


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

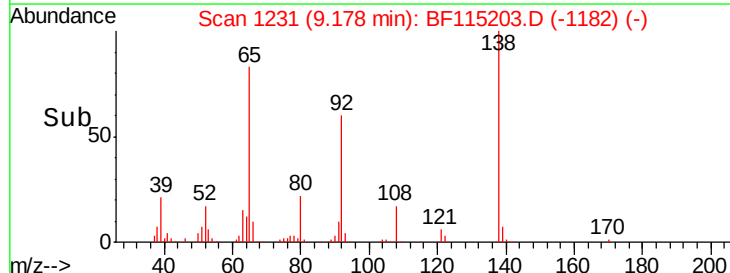
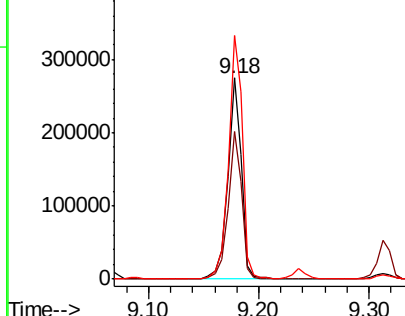


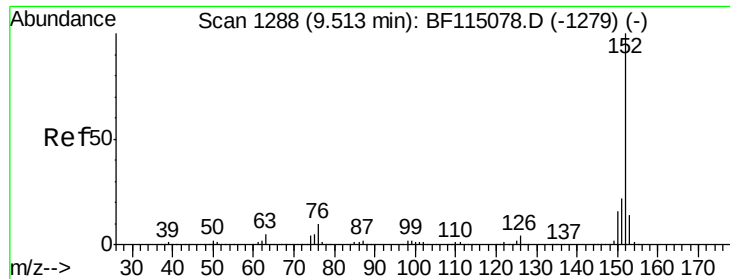
#48
2-Nitroaniline
Concen: 35.223 ng
RT: 9.18 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF115203.D
Acq: 25 Jun 2019 22:25

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.1	57.4	86.2
138	121.0	94.1	141.1



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





#49

Acenaphthylene

Concen: 37.327 ng

RT: 9.50 min Scan# 1285

Delta R.T. -0.02 min

Lab File: BF115203.D

Acq: 25 Jun 2019 22:25

Instrument :

BNA_F

ClientSampleId :

BAT-B08MSD

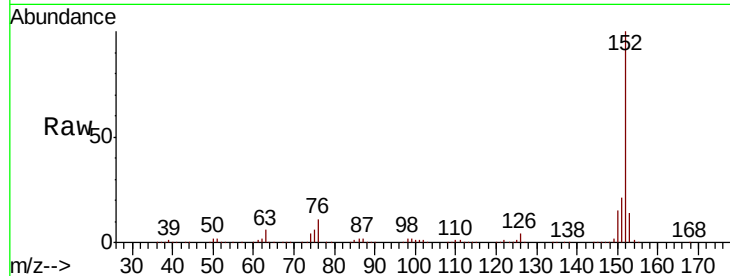
Tgt Ion:152 Resp: 1341181

Ion Ratio Lower Upper

152 100

151 20.7 17.2 25.8

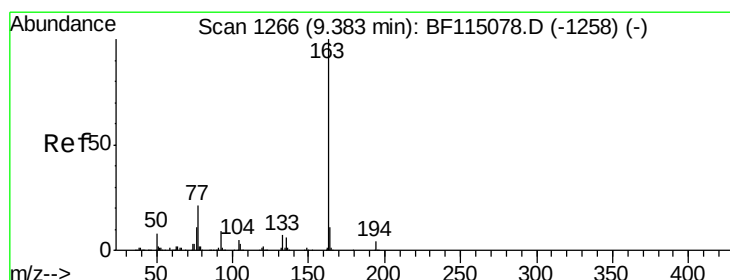
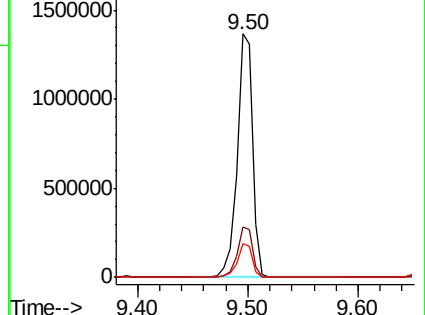
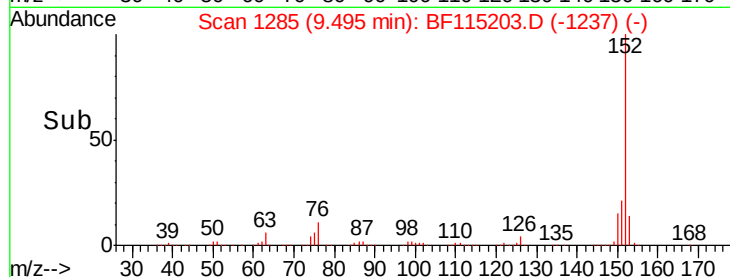
153 13.8 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 45.319 ng

RT: 9.37 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BF115203.D

Acq: 25 Jun 2019 22:25

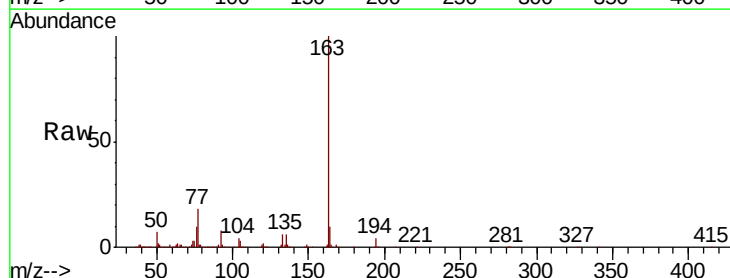
Tgt Ion:163 Resp: 1184726

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

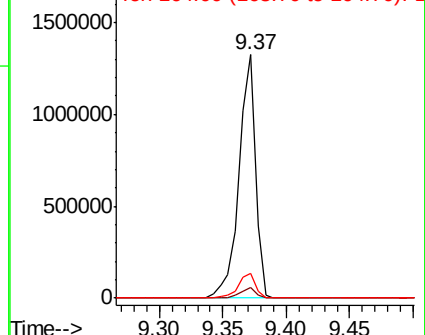
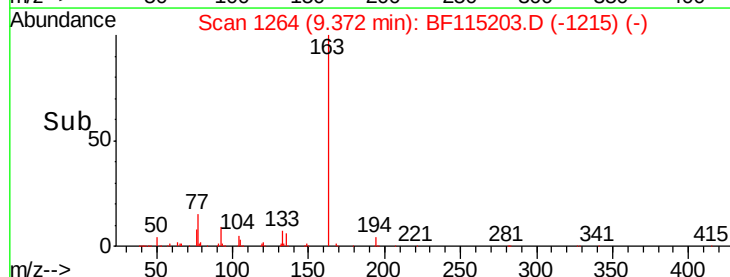
164 10.2 8.6 13.0

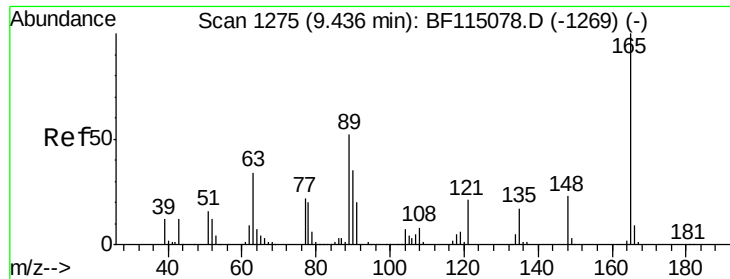


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

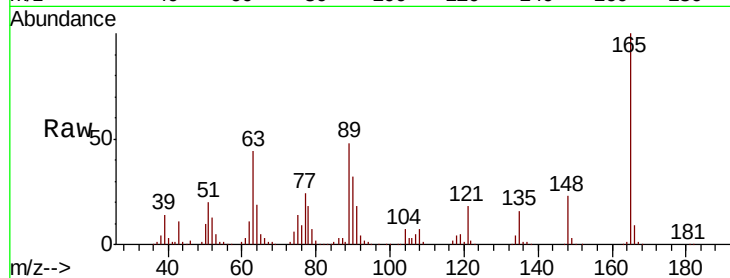




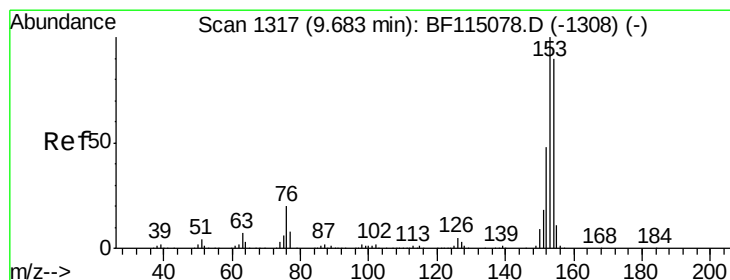
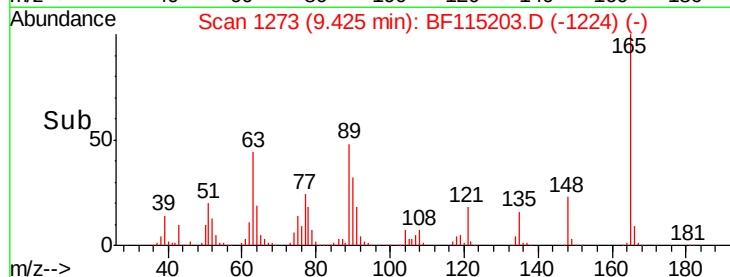
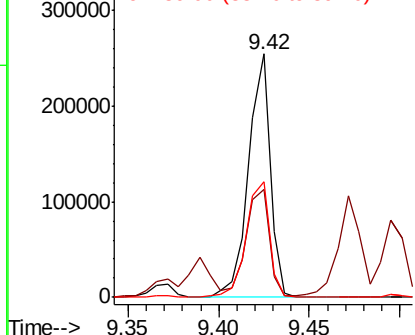
#51
2,6-Dinitrotoluene
Concen: 35.393 ng
RT: 9.42 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BF115203.D
Acq: 25 Jun 2019 22:25

Instrument :
BNA_F
ClientSampleId :
BAT-B08MSD

Tgt Ion	Ratio	Lower	Upper
165	100		
63	44.1	39.4	59.2
89	47.7	42.0	63.0

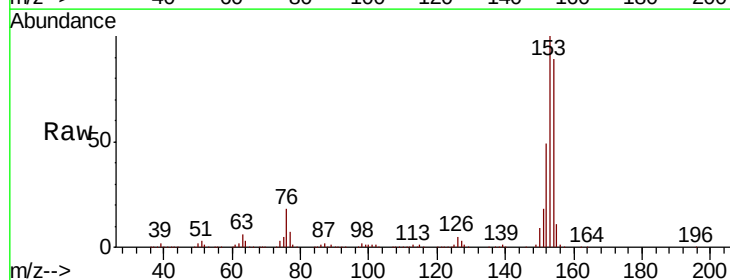


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

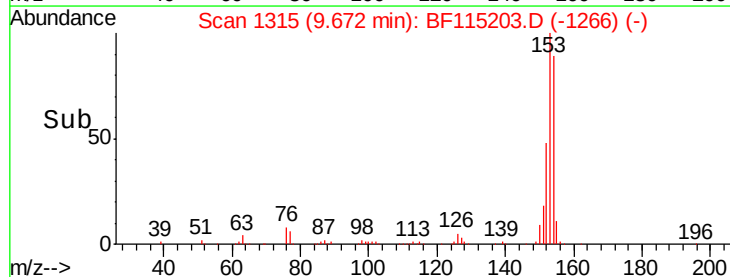
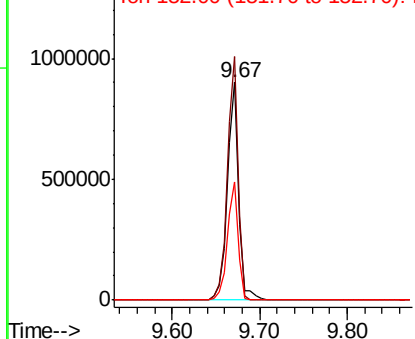


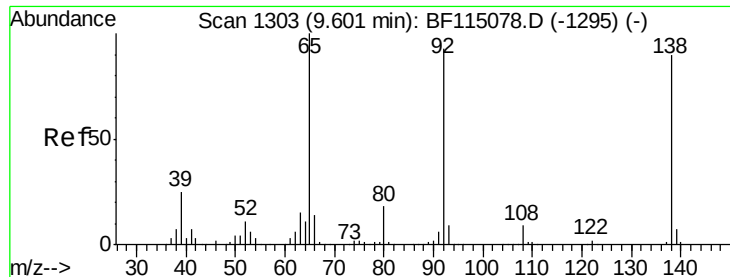
#52
Acenaphthene
Concen: 35.681 ng
RT: 9.67 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF115203.D
Acq: 25 Jun 2019 22:25

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.8	88.7	133.1
152	54.3	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

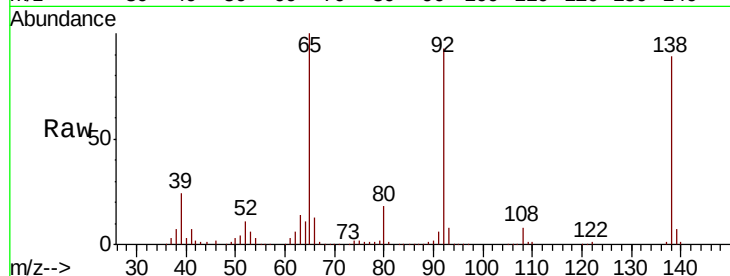




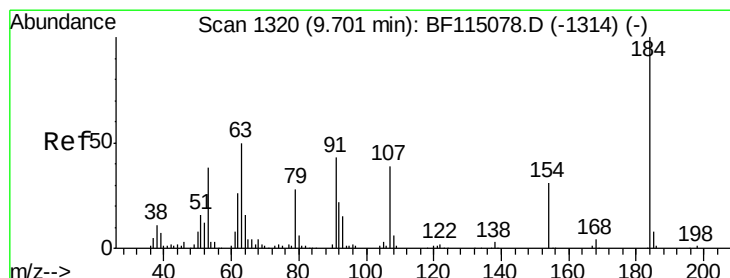
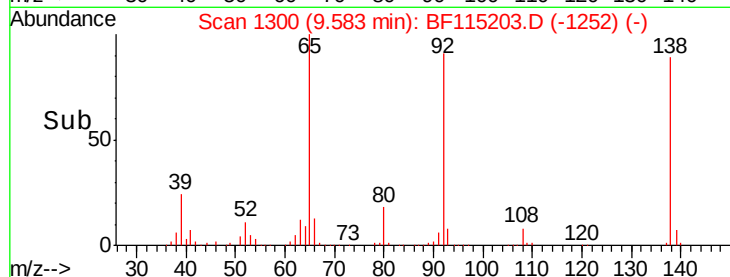
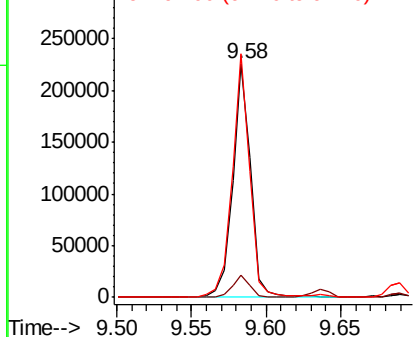
#53
 3-Nitroaniline
 Concen: 25.936 ng
 RT: 9.58 min Scan# 1300
 Delta R.T. -0.02 min
 Lab File: BF115203.D
 Acq: 25 Jun 2019 22:25

Instrument :
 BNA_F
 ClientSampleId :
 BAT-B08MSD

Tgt Ion:138 Resp: 191021
 Ion Ratio Lower Upper
 138 100
 108 9.5 7.8 11.6
 92 104.1 82.9 124.3

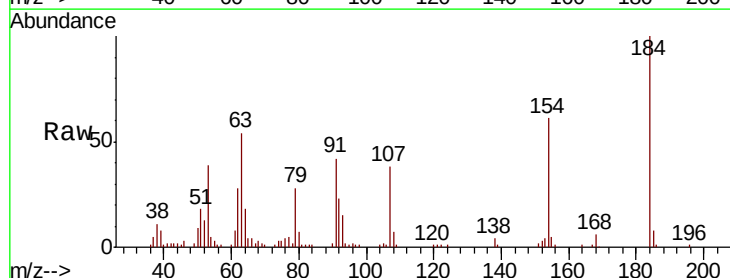


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

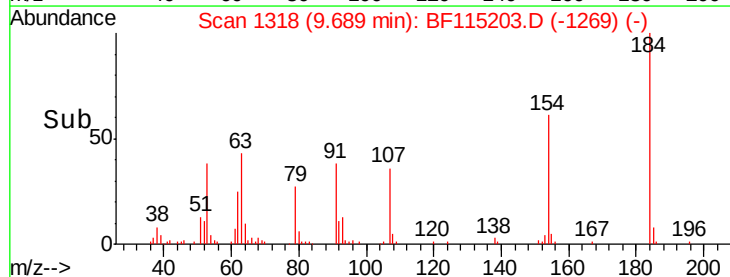
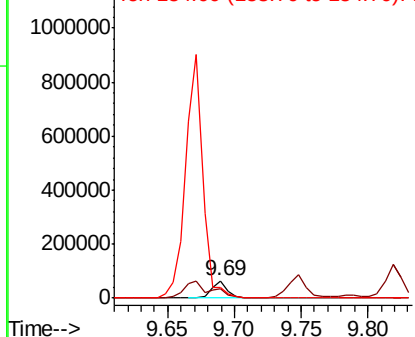


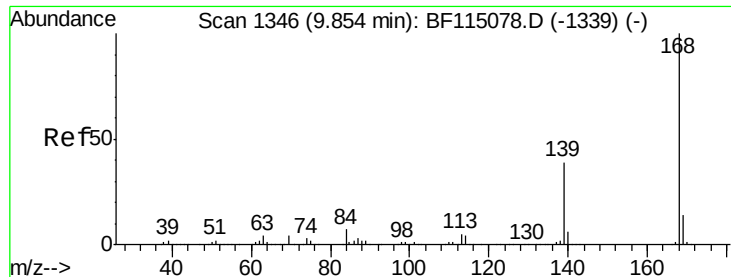
#54
 2,4-Dinitrophenol
 Concen: 23.114 ng
 RT: 9.69 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF115203.D
 Acq: 25 Jun 2019 22:25

Tgt Ion:184 Resp: 53927
 Ion Ratio Lower Upper
 184 100
 63 54.3 41.9 62.9
 154 60.9 44.7 67.1



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

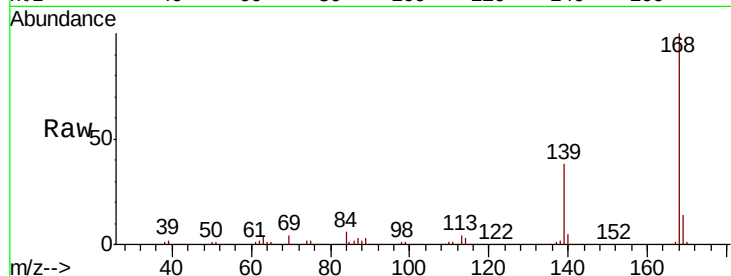




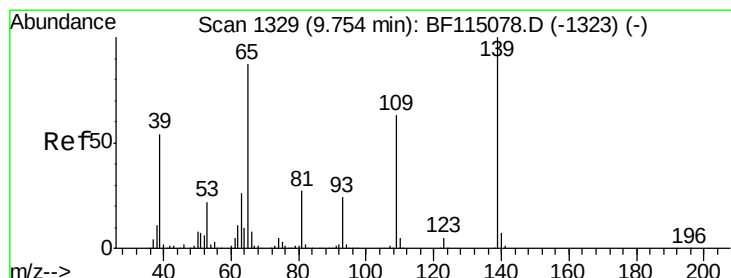
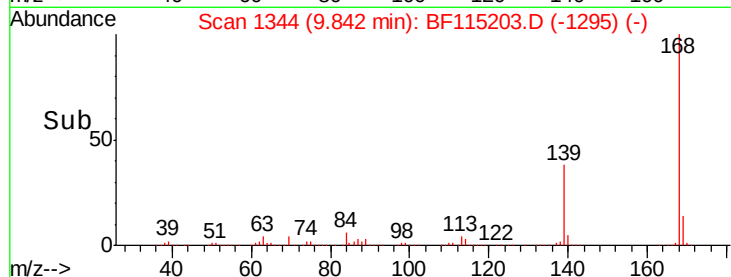
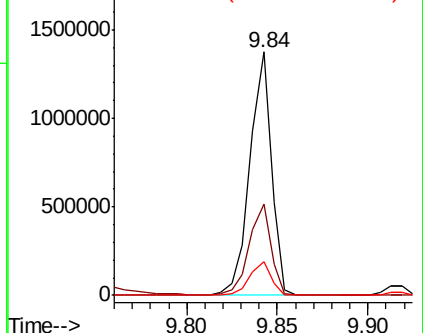
#55
Dibenzenofuran
Concen: 35.493 ng
RT: 9.84 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF115203.D
Acq: 25 Jun 2019 22:25

Instrument :
BNA_F
ClientSampleId :
BAT-B08MSD

Tgt Ion:168 Resp: 1145373
Ion Ratio Lower Upper
168 100
139 37.7 31.1 46.7
169 13.6 11.3 16.9

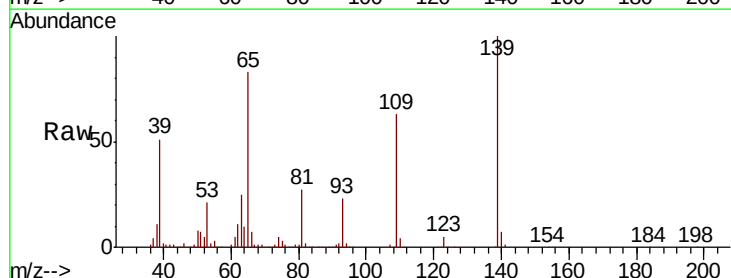


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

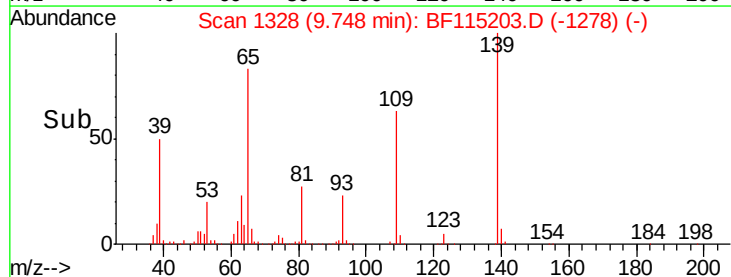
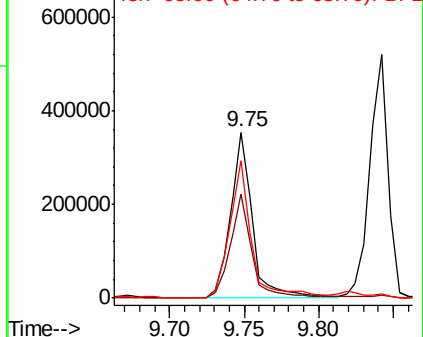


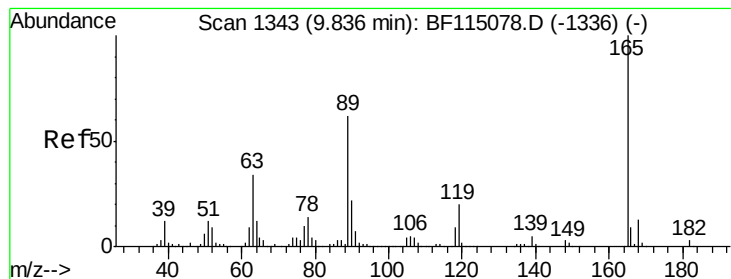
#56
4-Nitrophenol
Concen: 62.605 ng
RT: 9.75 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF115203.D
Acq: 25 Jun 2019 22:25

Tgt Ion:139 Resp: 369659
Ion Ratio Lower Upper
139 100
109 62.6 43.0 83.0
65 82.9 67.0 107.0



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





#57

2,4-Dinitrotoluene

Concen: 34.377 ng

RT: 9.82 min Scan# 1340

Delta R.T. -0.02 min

Lab File: BF115203.D

Acq: 25 Jun 2019 22:25

Instrument :

BNA_F

ClientSampleId :

BAT-B08MSD

Tgt Ion:165 Resp: 267891

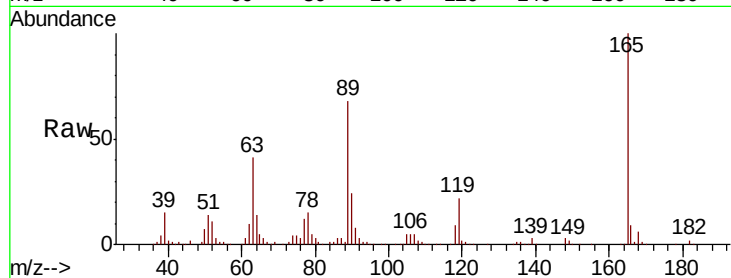
Ion Ratio Lower Upper

165 100

63 41.2 27.5 41.3

89 67.8 49.9 74.9

182 2.5 2.1 3.1

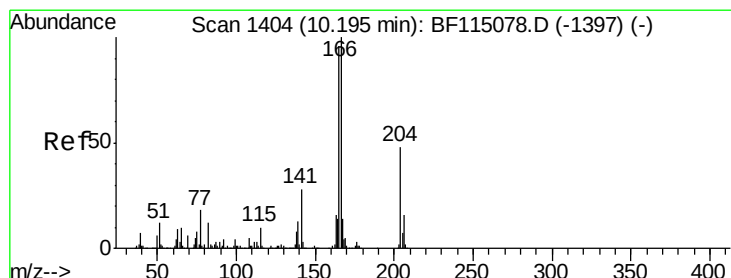
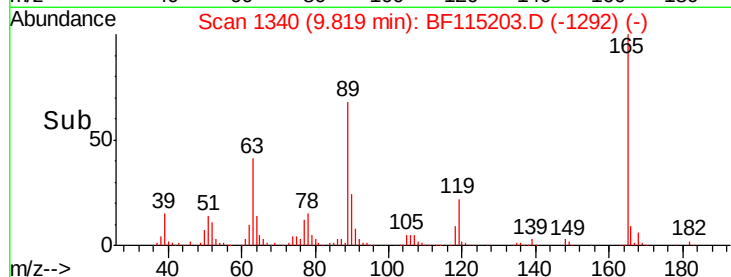
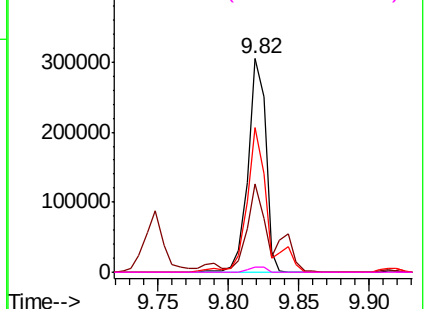


Abundance Ion 165.00 (164.70 to 165.70): E

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: 36.521 ng

RT: 10.18 min Scan# 1402

Delta R.T. -0.01 min

Lab File: BF115203.D

Acq: 25 Jun 2019 22:25

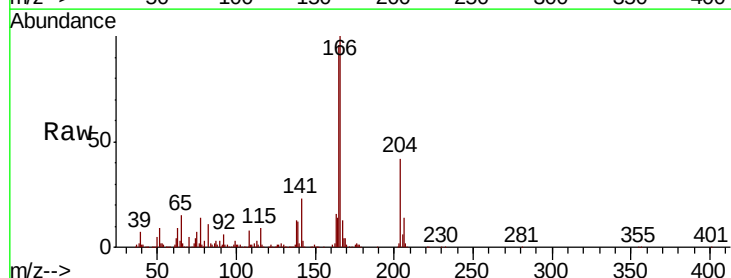
Tgt Ion:166 Resp: 811336

Ion Ratio Lower Upper

166 100

165 95.9 76.5 114.7

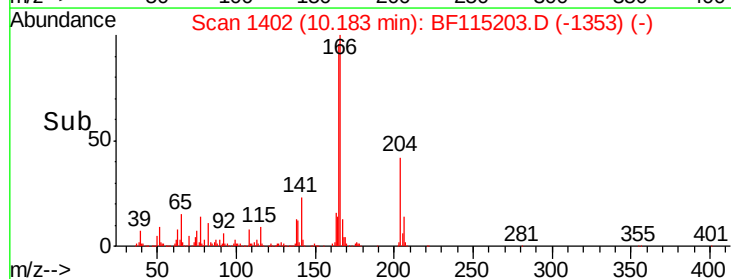
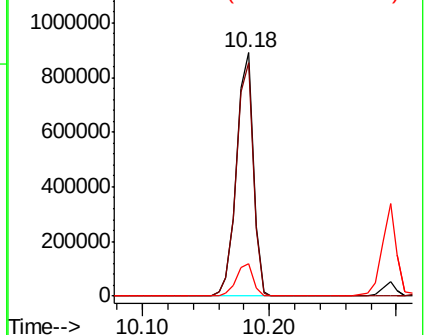
167 13.3 11.0 16.4

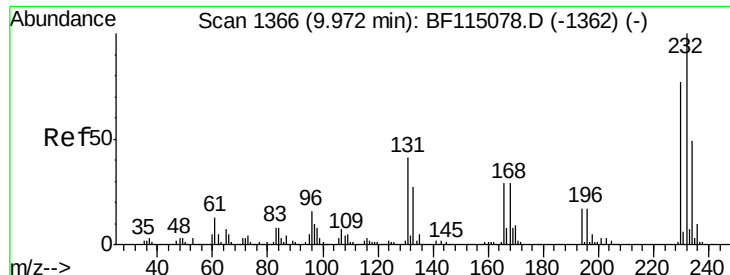


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

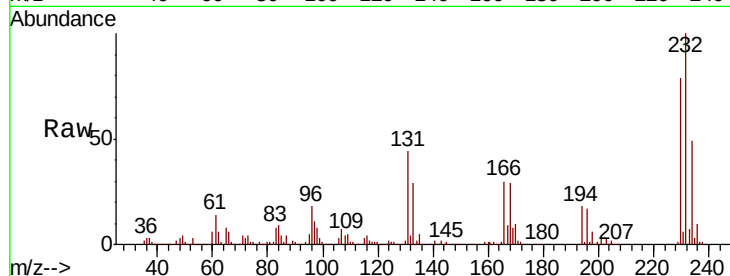




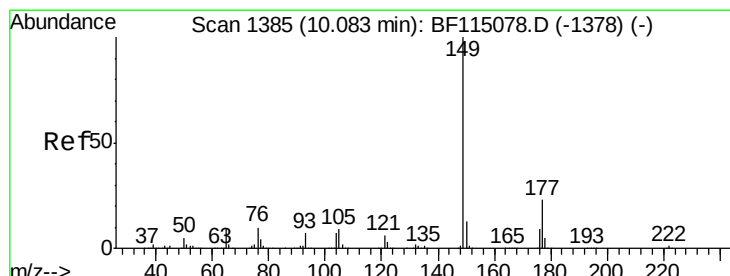
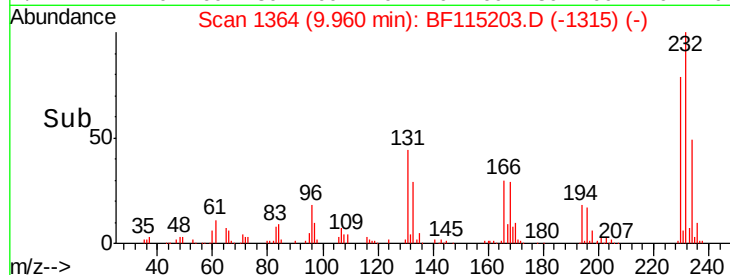
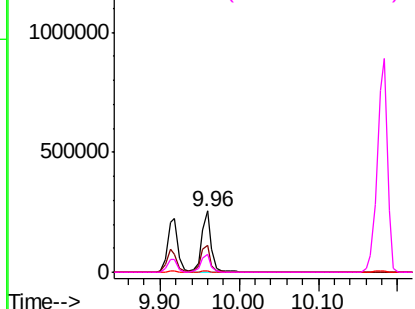
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 32.999 ng
 RT: 9.96 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: BF115203.D
 Acq: 25 Jun 2019 22:25

Instrument :
 BNA_F
 ClientSampleId :
 BAT-B08MSD

Tgt Ion:	232	Resp:	220887
Ion	Ratio	Lower	Upper
232	100		
131	44.6	37.4	56.0
130	2.2	1.8	2.6
166	29.9	24.6	36.8

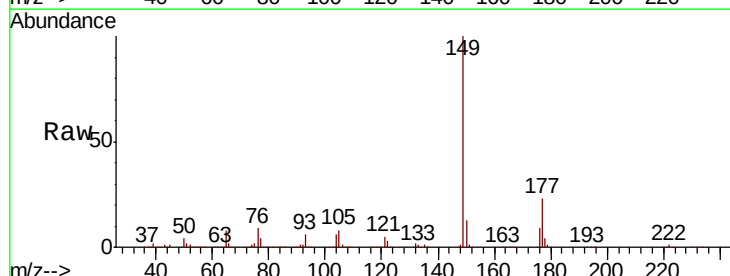


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

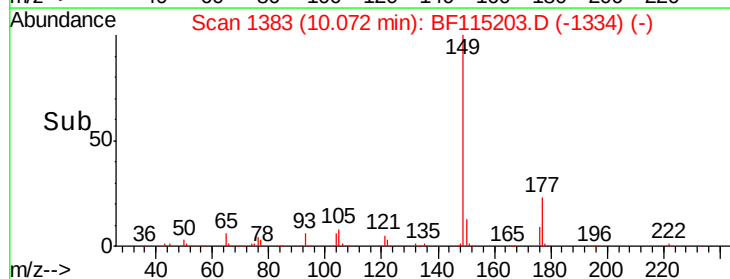
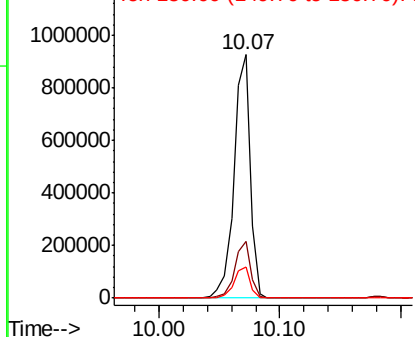


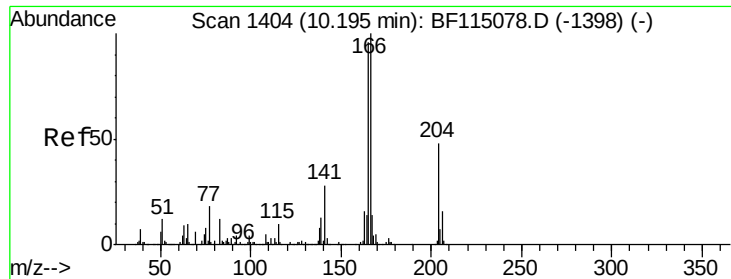
#60
 Diethylphthalate
 Concen: 32.979 ng
 RT: 10.07 min Scan# 1383
 Delta R.T. -0.01 min
 Lab File: BF115203.D
 Acq: 25 Jun 2019 22:25

Tgt Ion:	149	Resp:	866621
Ion	Ratio	Lower	Upper
149	100		
177	23.2	18.7	28.1
150	12.7	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

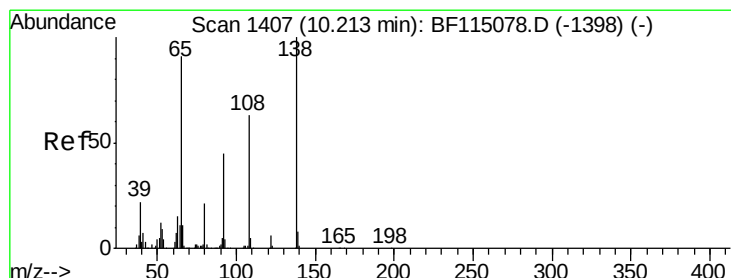
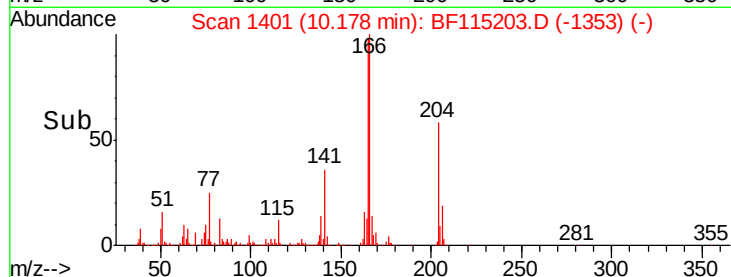
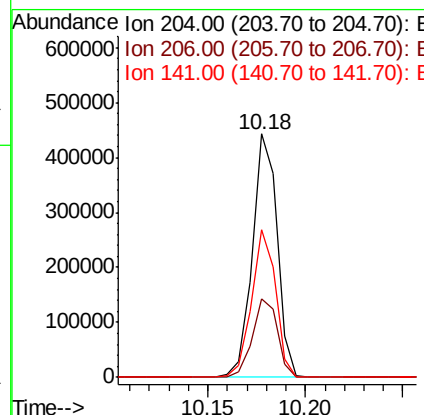
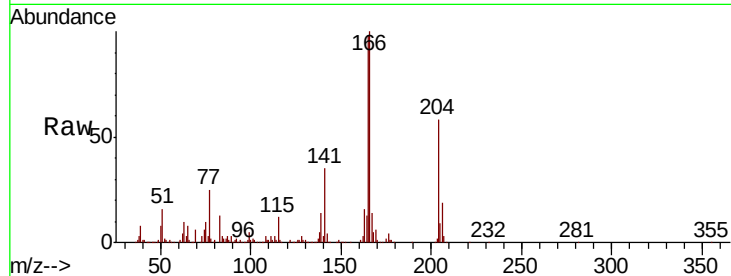




#61
 4-Chlorophenyl-phenylether
 Concen: 36.811 ng
 RT: 10.18 min Scan# 1401
 Delta R.T. -0.02 min
 Lab File: BF115203.D
 Acq: 25 Jun 2019 22:25

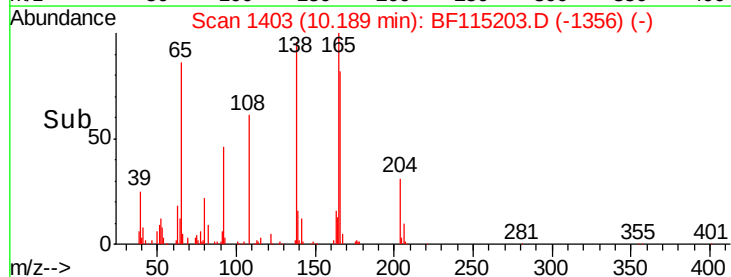
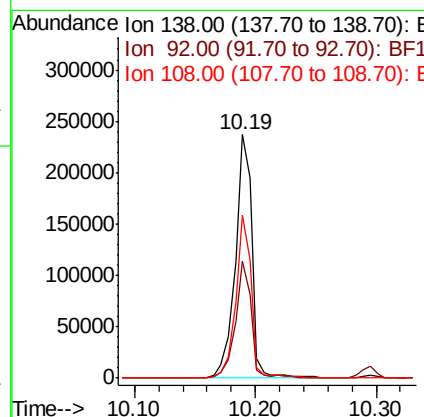
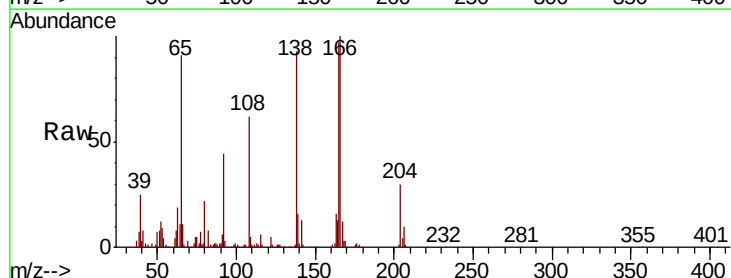
Instrument :
 BNA_F
 ClientSampleId :
 BAT-B08MSD

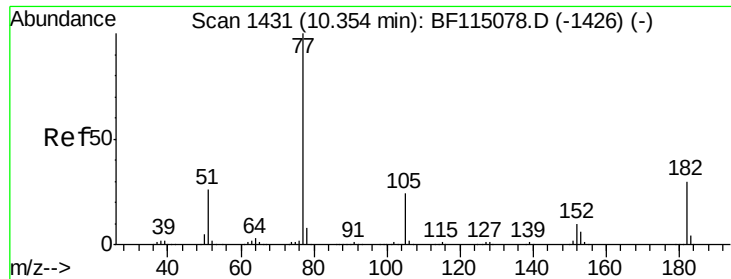
Tgt Ion:204 Resp: 388485
 Ion Ratio Lower Upper
 204 100
 206 32.2 26.6 40.0
 141 60.9 46.7 70.1



#62
 4-Nitroaniline
 Concen: 30.730 ng
 RT: 10.19 min Scan# 1403
 Delta R.T. -0.02 min
 Lab File: BF115203.D
 Acq: 25 Jun 2019 22:25

Tgt Ion:138 Resp: 227052
 Ion Ratio Lower Upper
 138 100
 92 47.9 24.8 64.8
 108 66.9 43.3 83.3

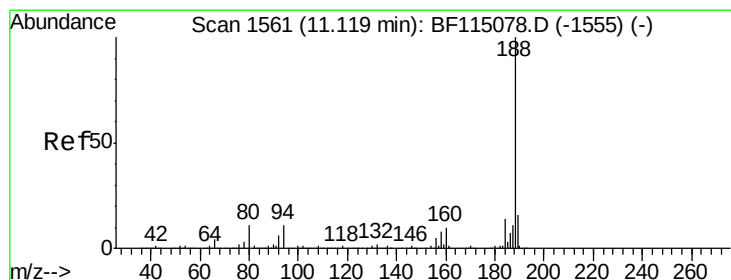
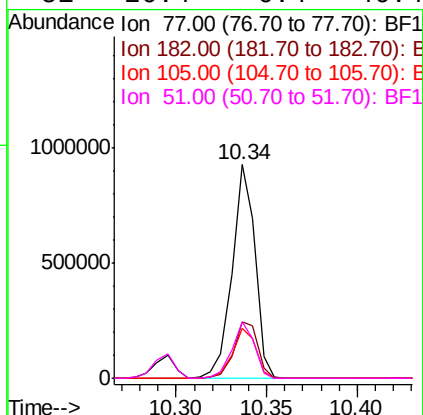
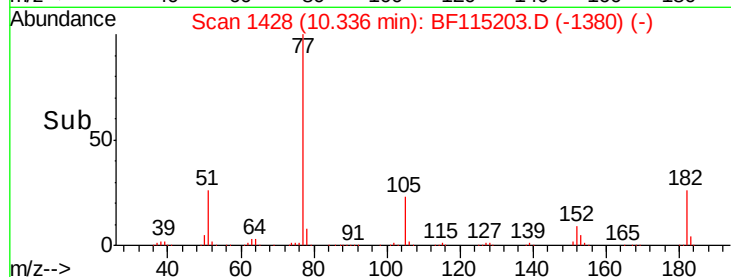
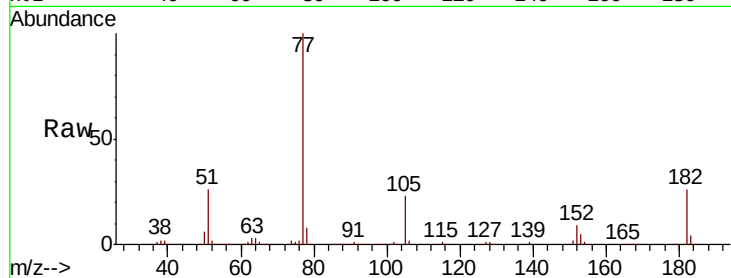




#63
Azobenzene
Concen: 33.142 ng
RT: 10.34 min Scan# 1428
Delta R.T. -0.02 min
Lab File: BF115203.D
Acq: 25 Jun 2019 22:25

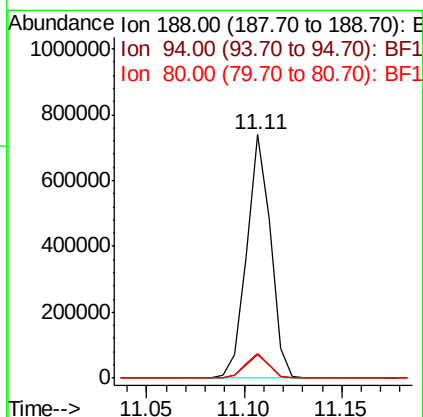
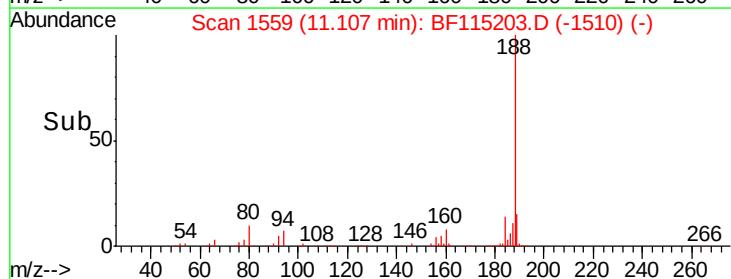
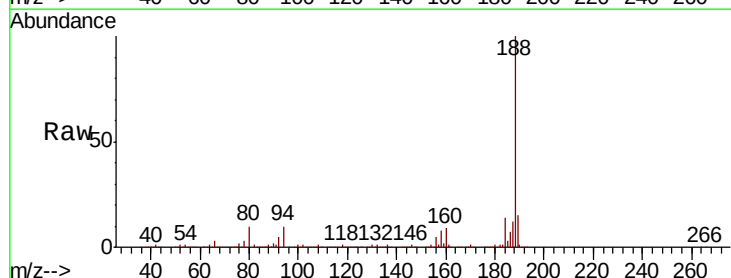
Instrument :
BNA_F
ClientSampleId :
BAT-B08MSD

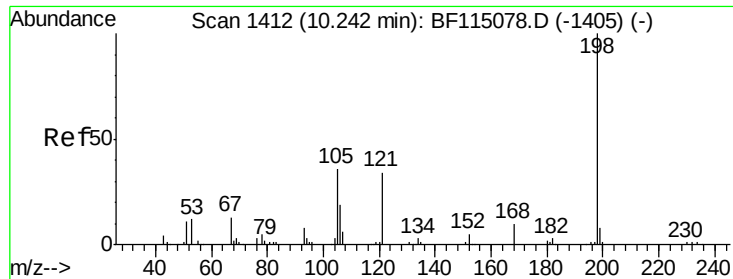
Tgt Ion	Resp	Lower	Upper
77	100		
182	26.1	10.1	50.1
105	23.3	4.5	44.5
51	26.4	6.4	46.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.11 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF115203.D
Acq: 25 Jun 2019 22:25

Tgt Ion	Resp	Lower	Upper
188	100		
94	9.7	8.6	12.8
80	10.1	8.8	13.2





#65

4,6-Dinitro-2-methylphenol

Concen: 29.469 ng

RT: 10.22 min Scan# 1409

Delta R.T. -0.02 min

Lab File: BF115203.D

Acq: 25 Jun 2019 22:25

Instrument :

BNA_F

ClientSampleId :

BAT-B08MSD

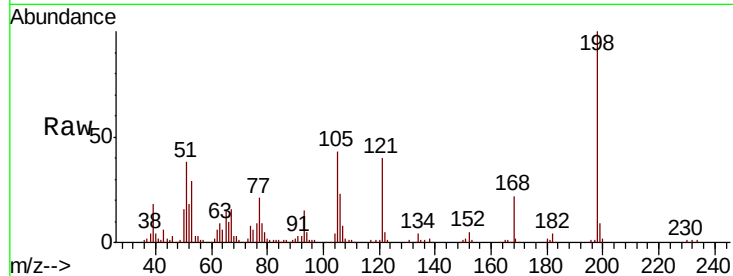
Tgt Ion:198 Resp: 91056

Ion Ratio Lower Upper

198 100

51 37.9 11.0 51.0

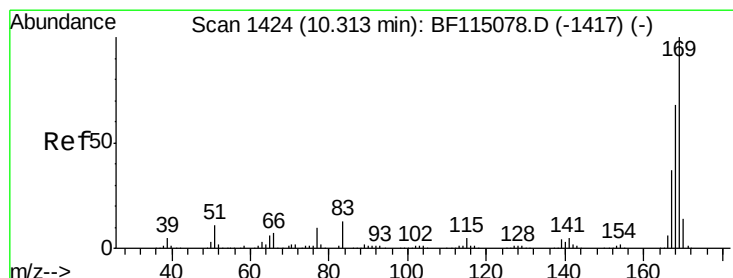
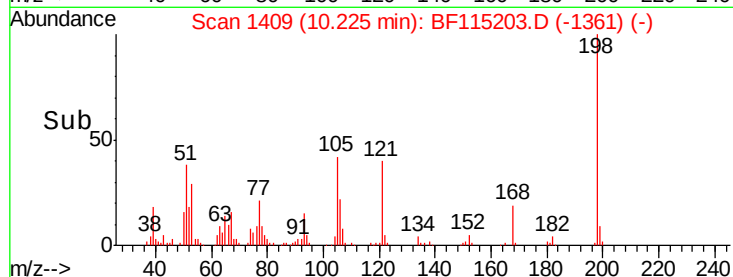
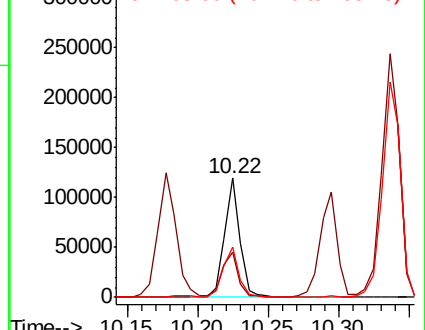
105 42.5 17.3 57.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 37.890 ng

RT: 10.30 min Scan# 1421

Delta R.T. -0.02 min

Lab File: BF115203.D

Acq: 25 Jun 2019 22:25

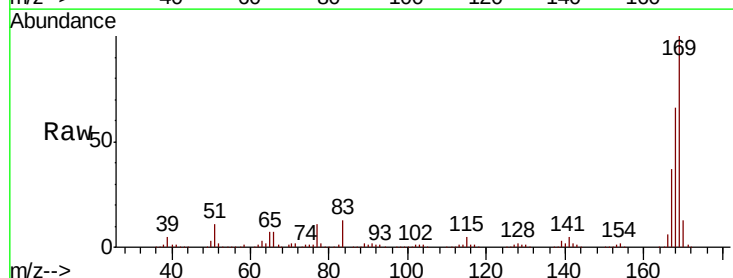
Tgt Ion:169 Resp: 739066

Ion Ratio Lower Upper

169 100

168 66.2 54.2 81.4

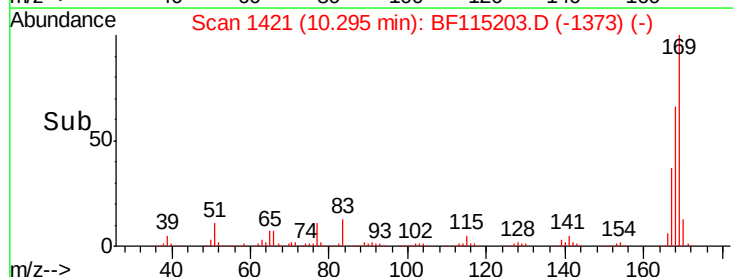
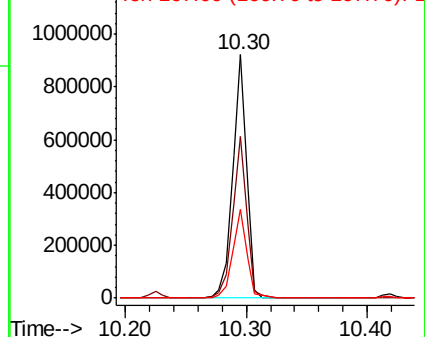
167 36.5 29.4 44.0

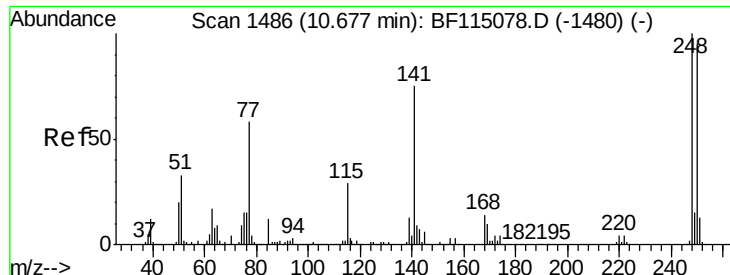


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

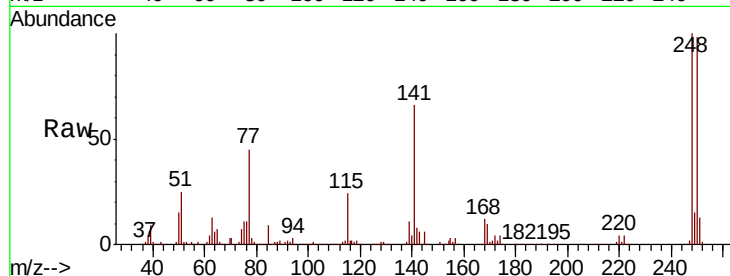




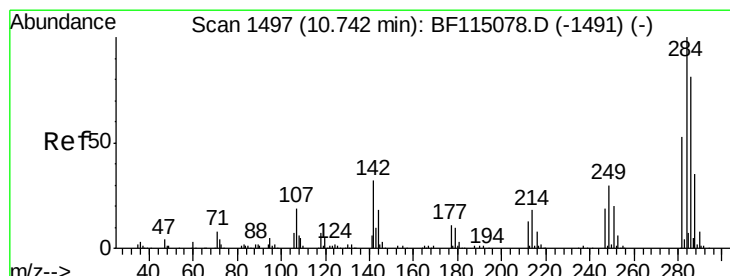
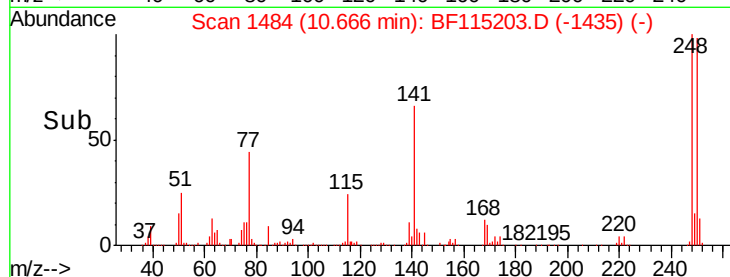
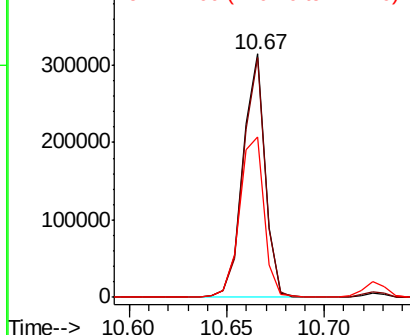
#67
4-Bromophenyl-phenylether
Concen: 36.472 ng
RT: 10.67 min Scan# 1484
Delta R.T. -0.01 min
Lab File: BF115203.D
Acq: 25 Jun 2019 22:25

Instrument :
BNA_F
ClientSampleId :
BAT-B08MSD

Tgt Ion: 248 Resp: 247575
Ion Ratio Lower Upper
248 100
250 98.5 76.2 114.2
141 65.6 59.6 89.4

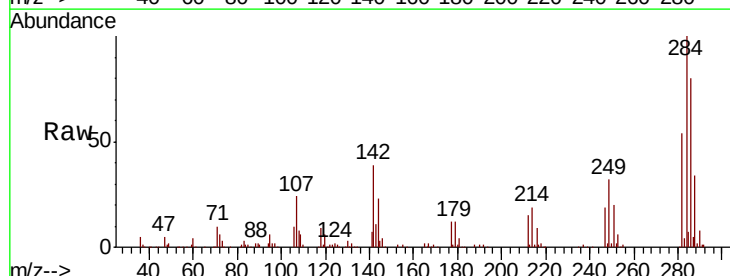


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

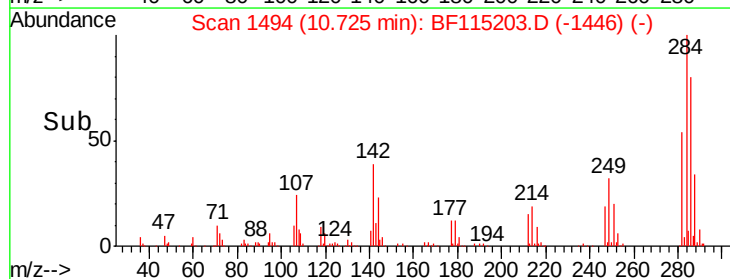
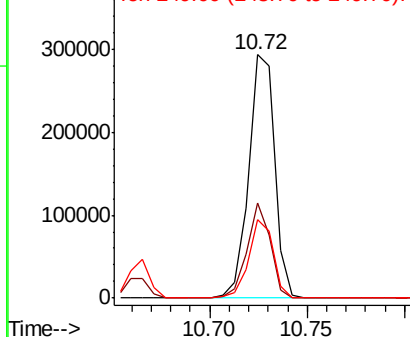


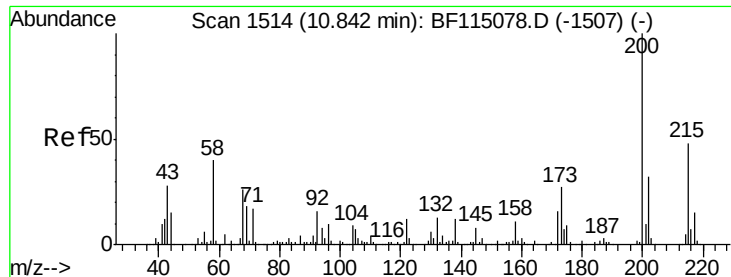
#68
Hexachlorobenzene
Concen: 36.748 ng
RT: 10.72 min Scan# 1494
Delta R.T. -0.02 min
Lab File: BF115203.D
Acq: 25 Jun 2019 22:25

Tgt Ion: 284 Resp: 270761
Ion Ratio Lower Upper
284 100
142 39.3 25.8 38.8#
249 32.5 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

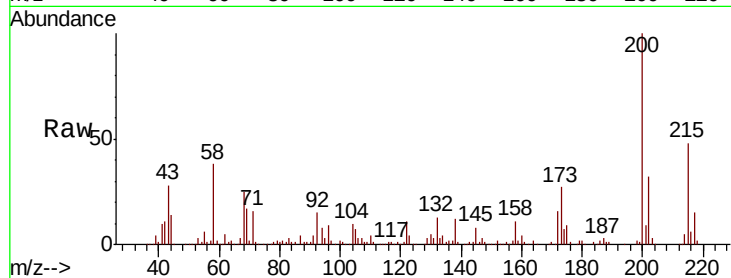




#69
Atrazine
Concen: 35.077 ng
RT: 10.82 min Scan# 1511
Delta R.T. -0.02 min
Lab File: BF115203.D
Acq: 25 Jun 2019 22:25

Instrument :
BNA_F
ClientSampleId :
BAT-B08MSD

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.2	7.4	47.4
215	47.8	27.8	67.8

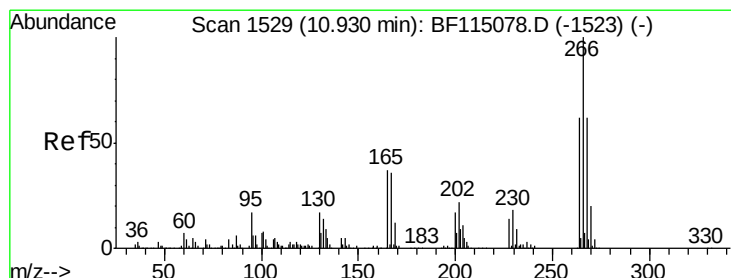
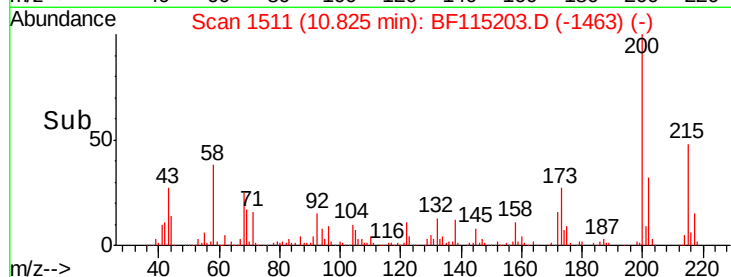
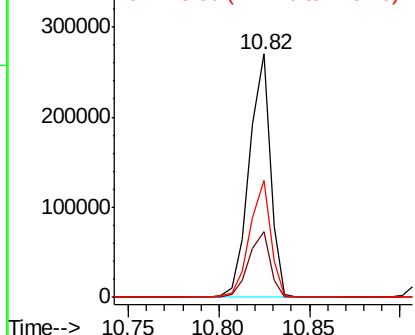


Abundance

Ion 200.00 (199.70 to 200.70): E

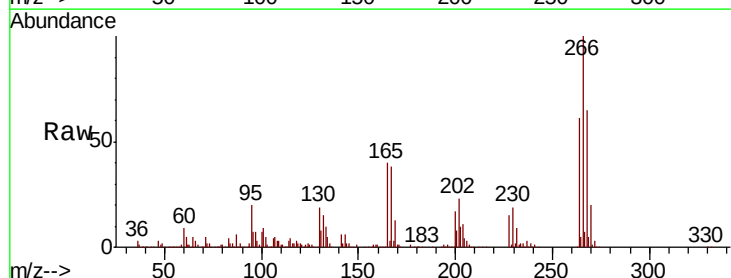
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 68.855 ng
RT: 10.92 min Scan# 1527
Delta R.T. -0.01 min
Lab File: BF115203.D
Acq: 25 Jun 2019 22:25

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.9	49.5	74.3
264	61.0	49.3	73.9

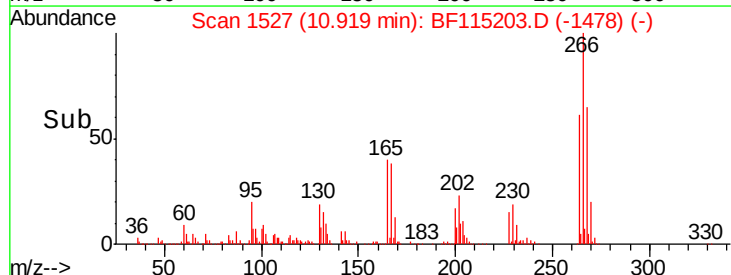
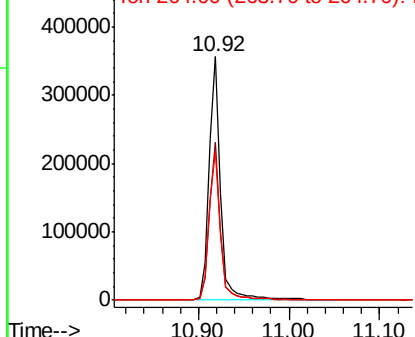


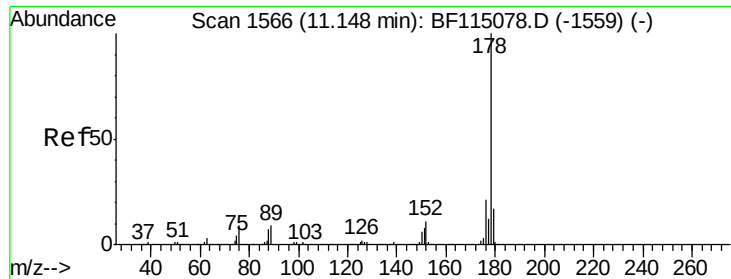
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

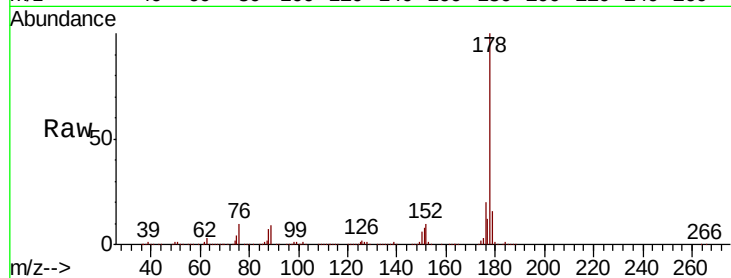




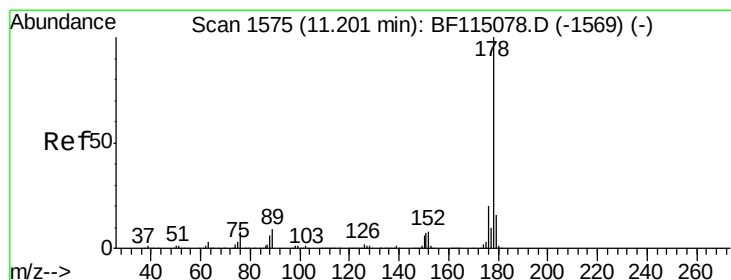
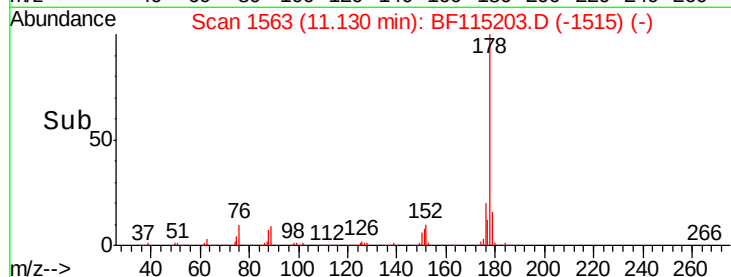
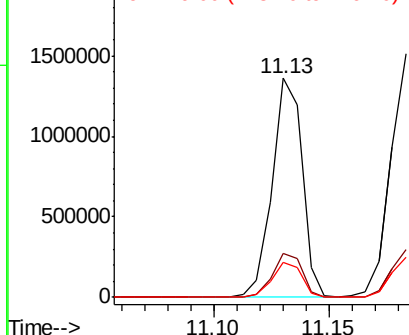
#71
Phenanthrene
Concen: 36.273 ng
RT: 11.13 min Scan# 1563
Delta R.T. -0.02 min
Lab File: BF115203.D
Acq: 25 Jun 2019 22:25

Instrument :
BNA_F
ClientSampleId :
BAT-B08MSD

Tgt Ion:178 Resp: 1222731
Ion Ratio Lower Upper
178 100
176 20.1 16.9 25.3
179 16.2 13.2 19.8

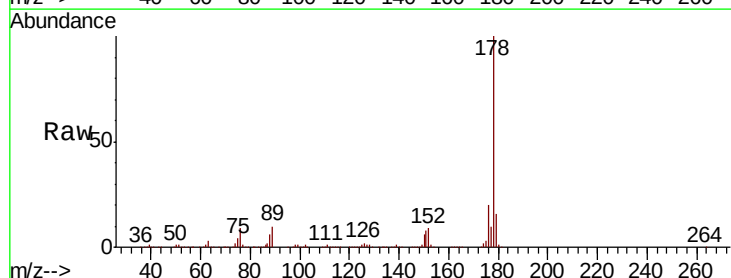


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

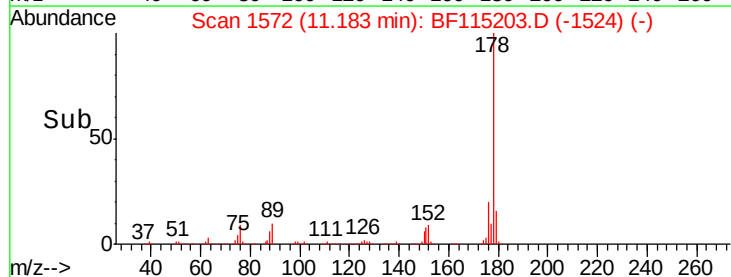
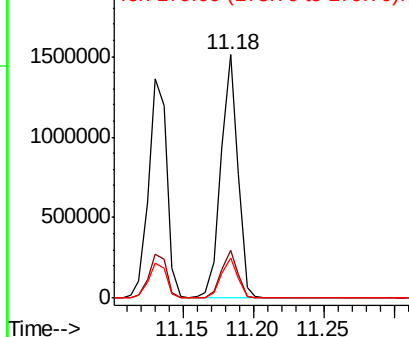


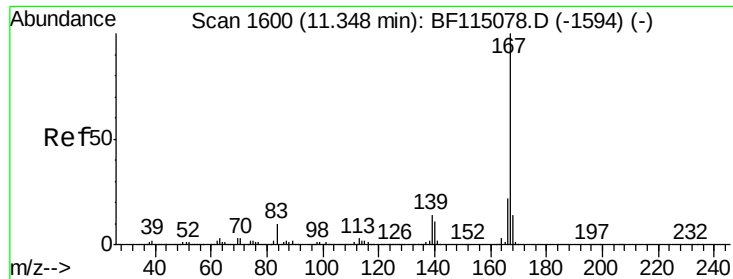
#72
Anthracene
Concen: 36.843 ng
RT: 11.18 min Scan# 1572
Delta R.T. -0.02 min
Lab File: BF115203.D
Acq: 25 Jun 2019 22:25

Tgt Ion:178 Resp: 1253677
Ion Ratio Lower Upper
178 100
176 19.6 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

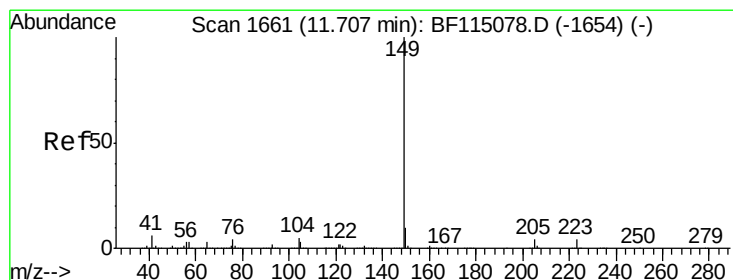
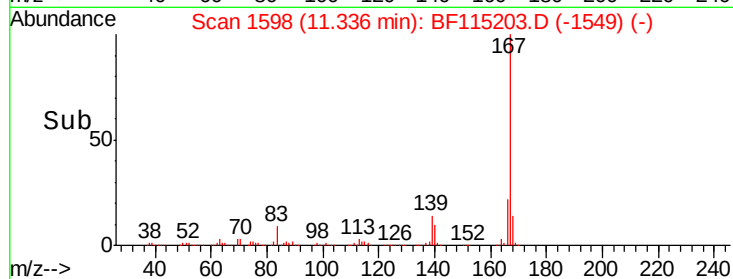
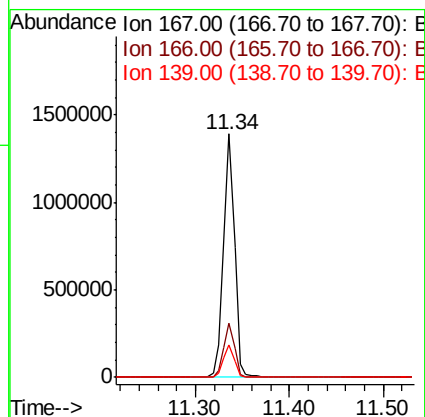
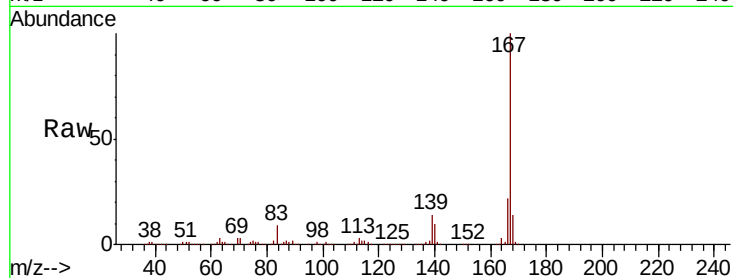




#73
 Carbazole
 Concen: 37.983 ng
 RT: 11.34 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BF115203.D
 Acq: 25 Jun 2019 22:25

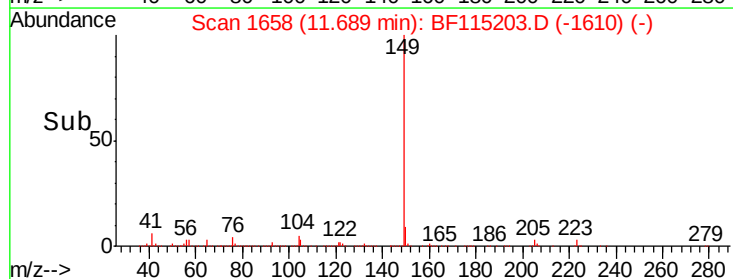
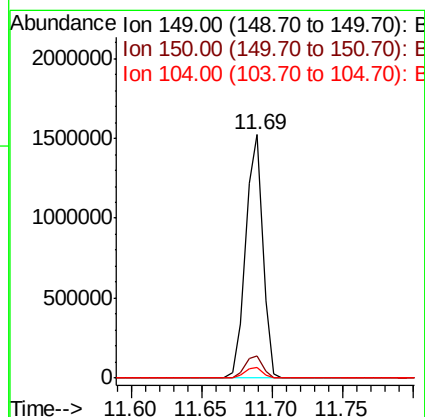
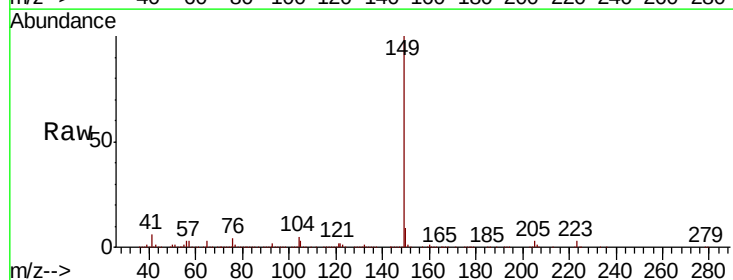
Instrument :
 BNA_F
 ClientSampleId :
 BAT-B08MSD

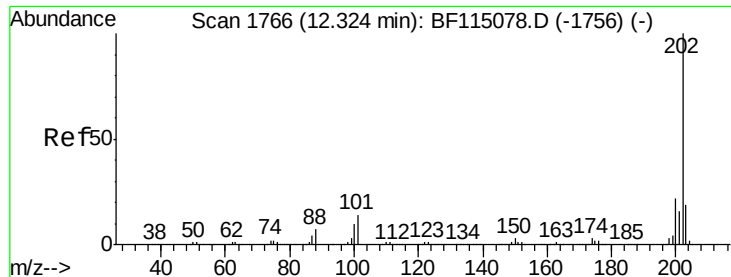
Tgt Ion:167 Resp: 1154128
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.0 27.0
 139 13.5 11.1 16.7



#74
 Di-n-butylphthalate
 Concen: 36.591 ng
 RT: 11.69 min Scan# 1658
 Delta R.T. -0.02 min
 Lab File: BF115203.D
 Acq: 25 Jun 2019 22:25

Tgt Ion:149 Resp: 1284780
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.8 11.8
 104 4.6 3.7 5.5

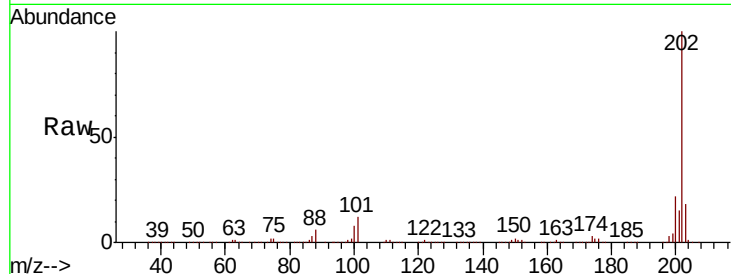




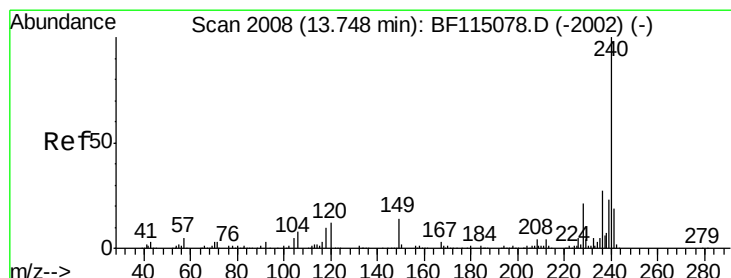
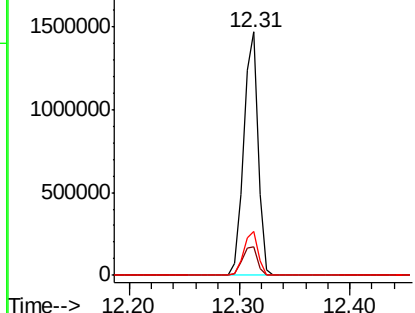
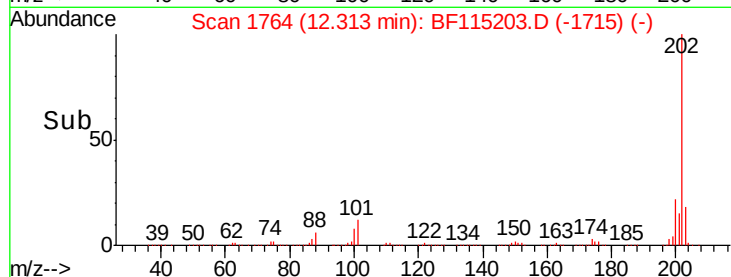
#75
Fluoranthene
Concen: 40.154 ng
RT: 12.31 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BF115203.D
Acq: 25 Jun 2019 22:25

Instrument :
BNA_F
ClientSampleId :
BAT-B08MSD

Tgt Ion: 202 Resp: 1350521
Ion Ratio Lower Upper
202 100
101 11.8 0.0 34.0
203 18.1 0.0 38.8

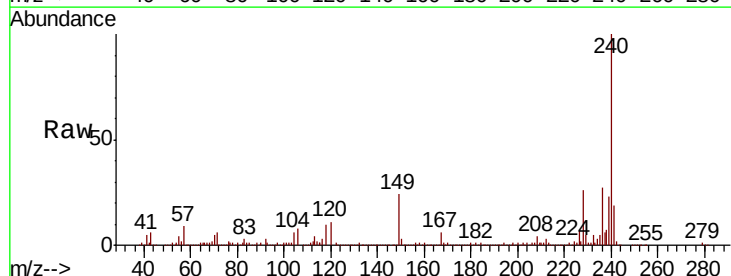


Abundance Ion 202.00 (201.70 to 202.70): E
2000000
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

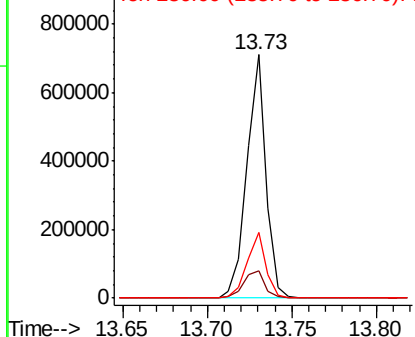
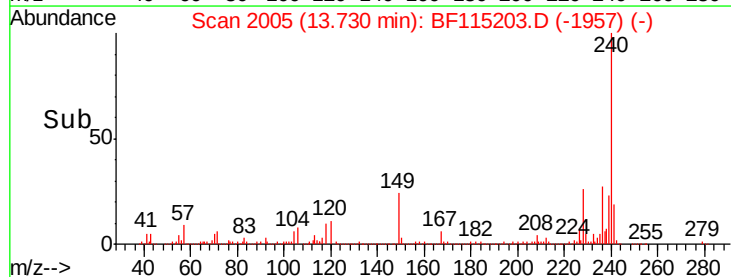


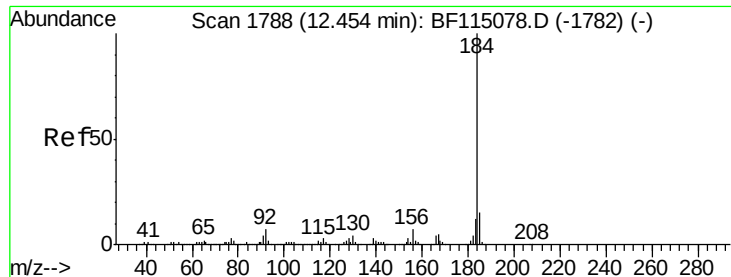
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.73 min Scan# 2005
Delta R.T. -0.02 min
Lab File: BF115203.D
Acq: 25 Jun 2019 22:25

Tgt Ion: 240 Resp: 563877
Ion Ratio Lower Upper
240 100
120 11.4 9.4 14.2
236 27.1 21.7 32.5



Abundance Ion 240.00 (239.70 to 240.70): E
800000
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 25.843 ng

RT: 12.44 min Scan# 1785

Delta R.T. -0.02 min

Lab File: BF115203.D

Acq: 25 Jun 2019 22:25

Instrument :

BNA_F

ClientSampleId :

BAT-B08MSD

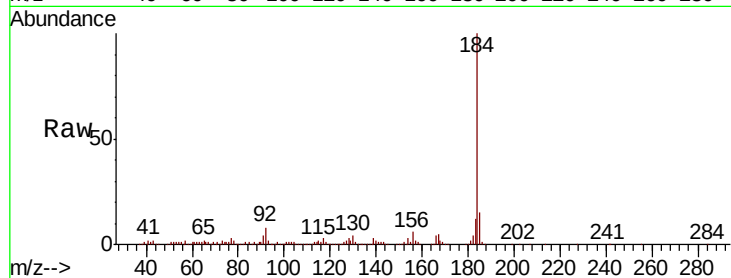
Tgt Ion:184 Resp: 647076

Ion Ratio Lower Upper

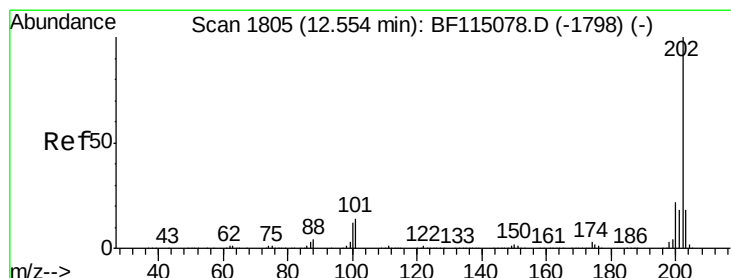
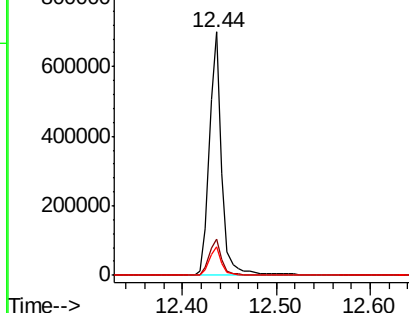
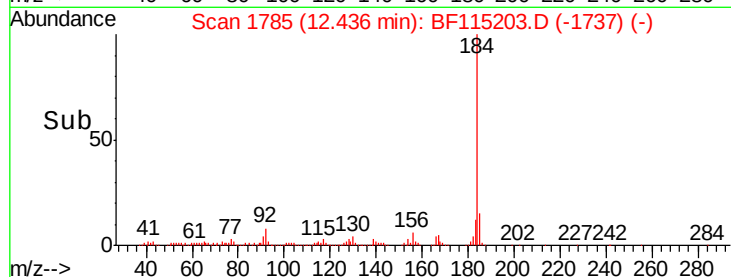
184 100

185 15.0 12.2 18.2

183 11.5 9.6 14.4



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 32.276 ng

RT: 12.54 min Scan# 1802

Delta R.T. -0.02 min

Lab File: BF115203.D

Acq: 25 Jun 2019 22:25

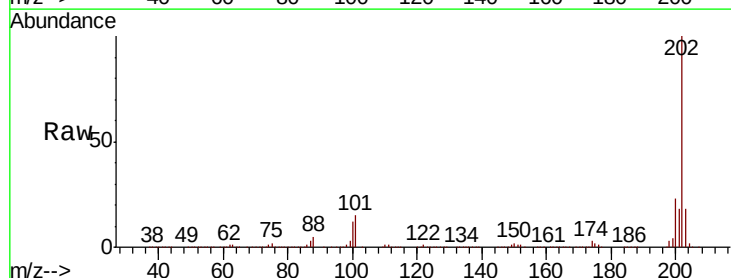
Tgt Ion:202 Resp: 1398678

Ion Ratio Lower Upper

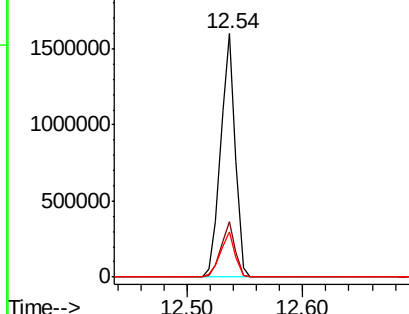
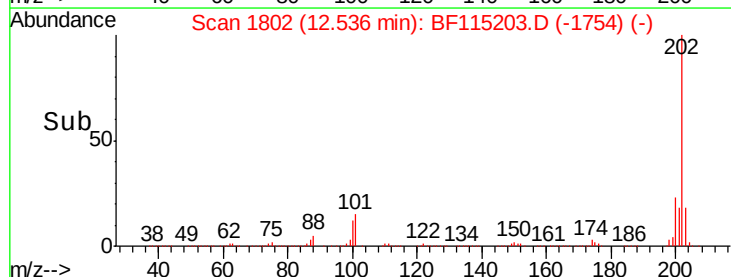
202 100

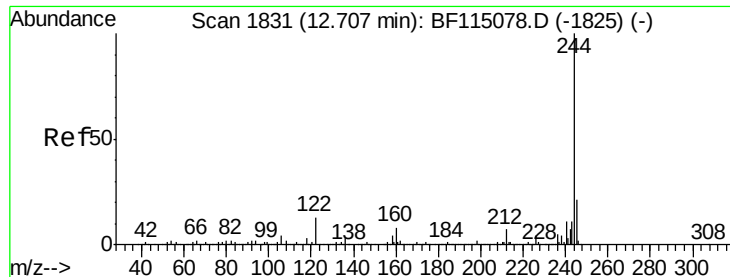
200 22.8 17.9 26.9

203 18.4 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: 79.933 ng

RT: 12.70 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF115203.D

Acq: 25 Jun 2019 22:25

Instrument :

BNA_F

ClientSampleId :

BAT-B08MSD

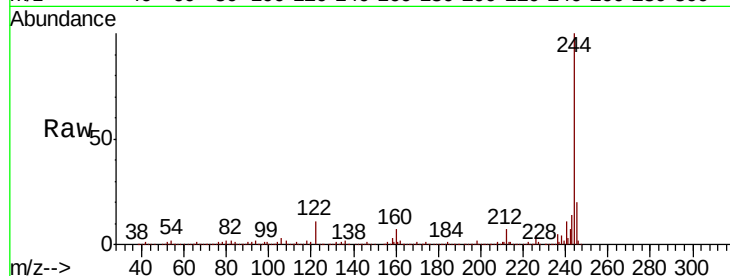
Tgt Ion:244 Resp: 2119892

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.6

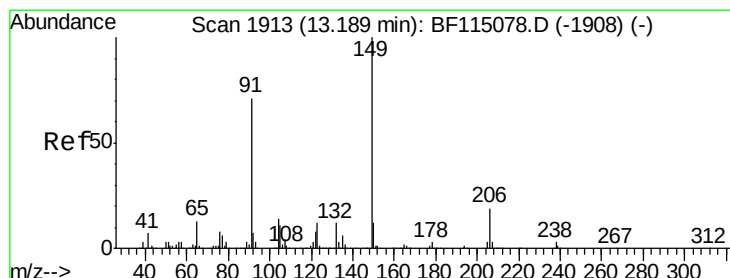
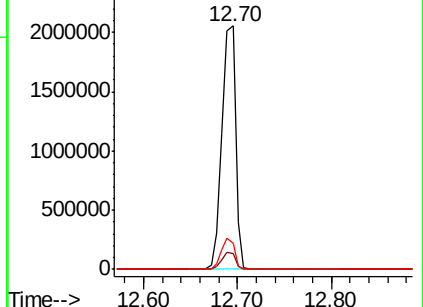
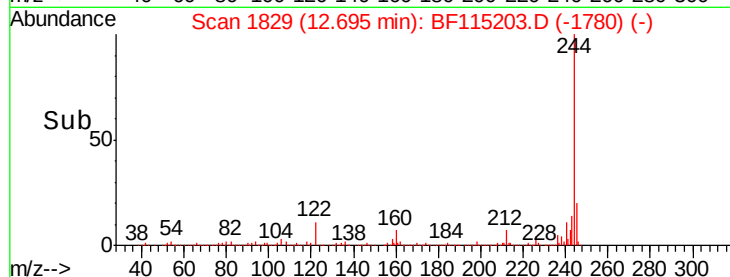
122 10.6 10.4 15.6



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: 32.695 ng

RT: 13.17 min Scan# 1910

Delta R.T. -0.02 min

Lab File: BF115203.D

Acq: 25 Jun 2019 22:25

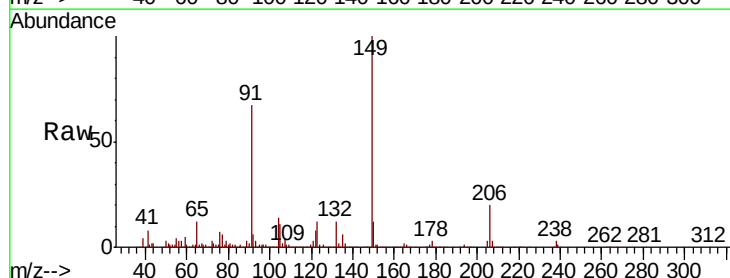
Tgt Ion:149 Resp: 625245

Ion Ratio Lower Upper

149 100

91 66.9 56.5 84.7

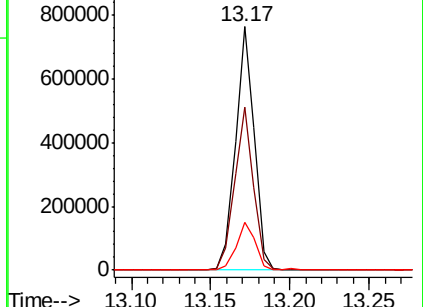
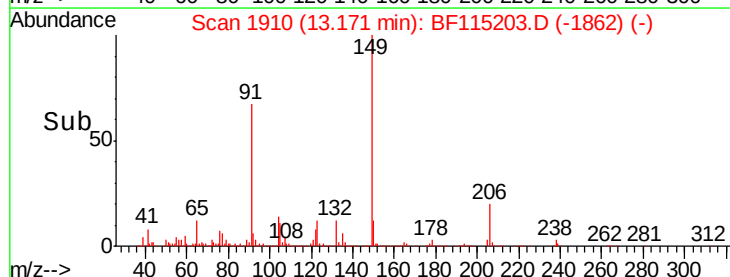
206 19.8 15.3 22.9

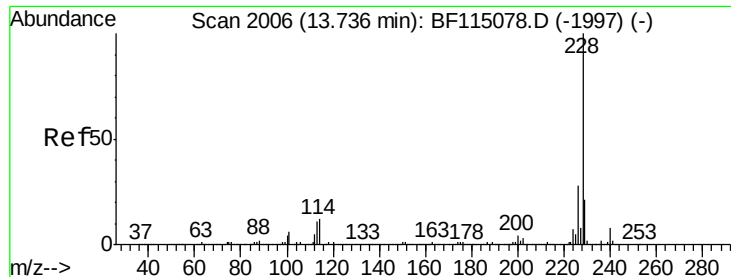


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 34.453 ng

RT: 13.72 min Scan# 2003

Delta R.T. -0.02 min

Lab File: BF115203.D

Acq: 25 Jun 2019 22:25

Instrument :

BNA_F

ClientSampleId :

BAT-B08MSD

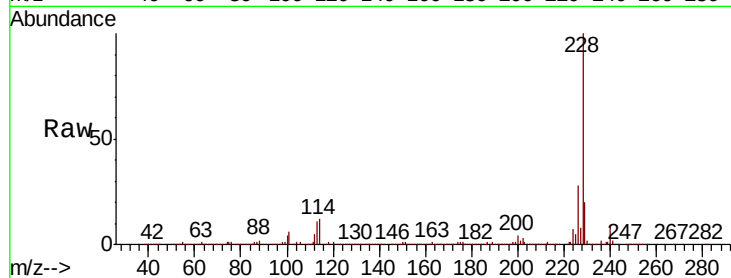
Tgt Ion:228 Resp: 1393984

Ion Ratio Lower Upper

228 100

226 27.7 22.5 33.7

229 20.4 16.6 24.8

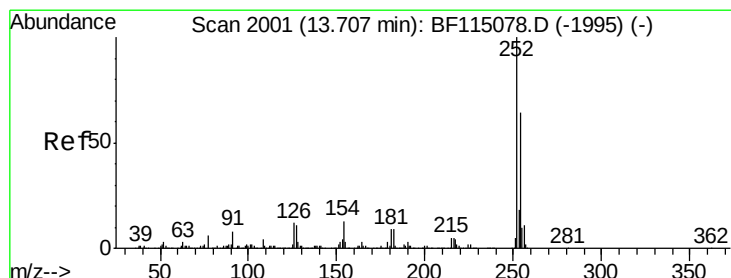
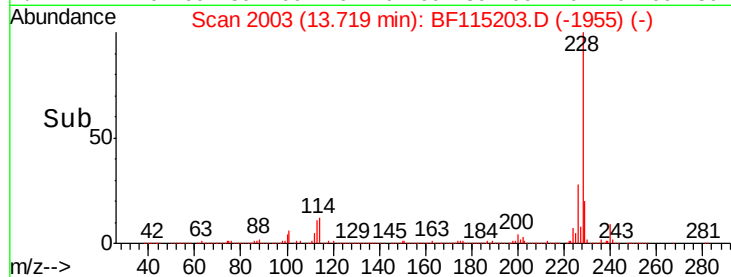
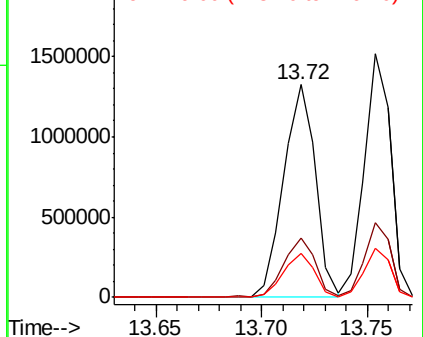


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 30.279 ng

RT: 13.69 min Scan# 1998

Delta R.T. -0.02 min

Lab File: BF115203.D

Acq: 25 Jun 2019 22:25

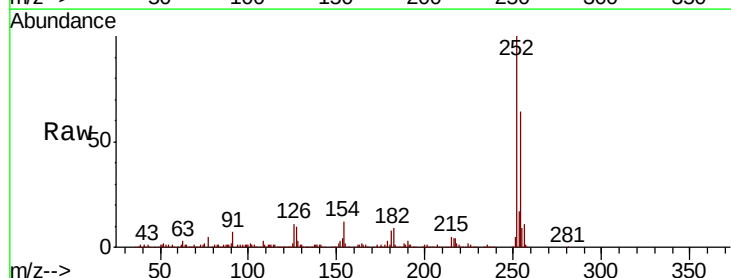
Tgt Ion:252 Resp: 442406

Ion Ratio Lower Upper

252 100

254 64.0 51.1 76.7

126 10.6 9.4 14.0

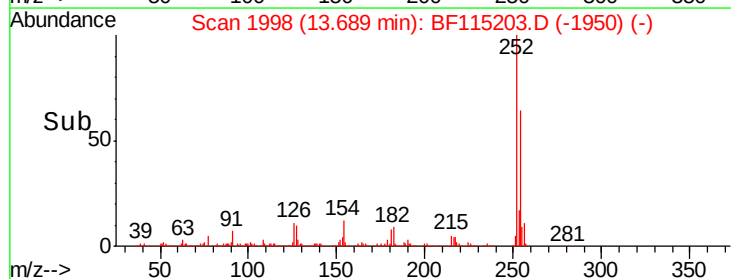
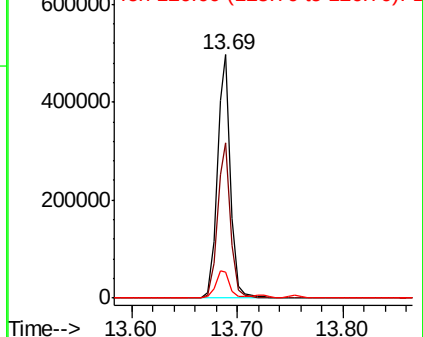


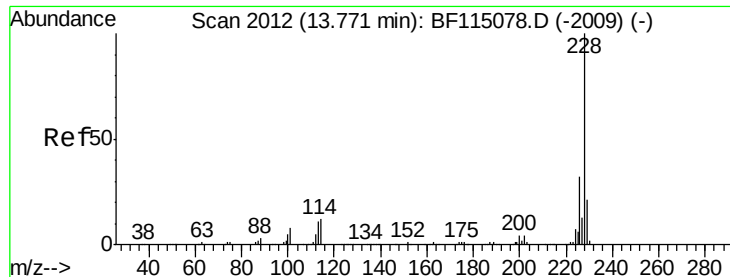
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 35.930 ng

RT: 13.75 min Scan# 2009

Delta R.T. -0.02 min

Lab File: BF115203.D

Acq: 25 Jun 2019 22:25

Instrument :

BNA_F

ClientSampleId :

BAT-B08MSD

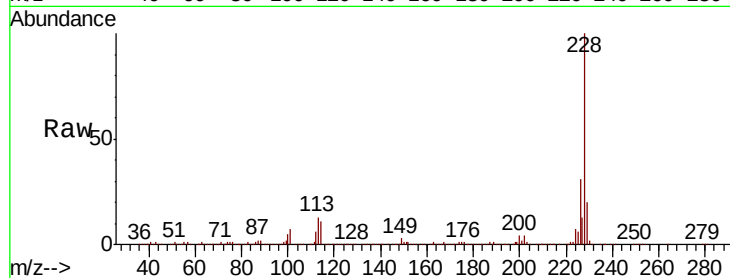
Tgt Ion:228 Resp: 1331634

Ion Ratio Lower Upper

228 100

226 30.9 25.4 38.0

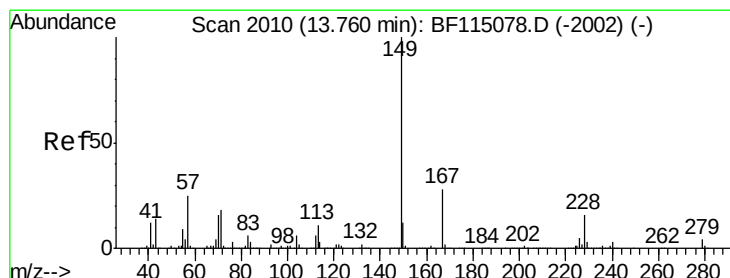
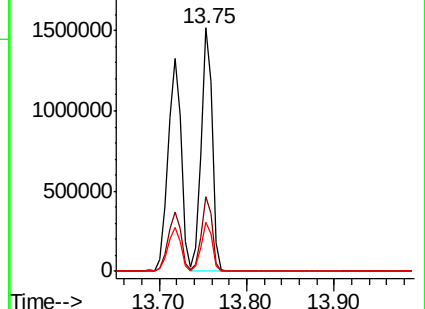
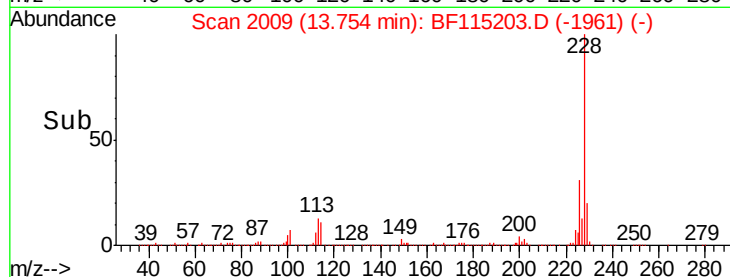
229 20.2 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 35.311 ng

RT: 13.74 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BF115203.D

Acq: 25 Jun 2019 22:25

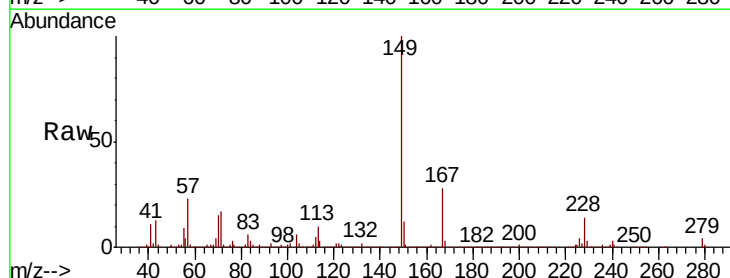
Tgt Ion:149 Resp: 884823

Ion Ratio Lower Upper

149 100

167 27.7 22.2 33.4

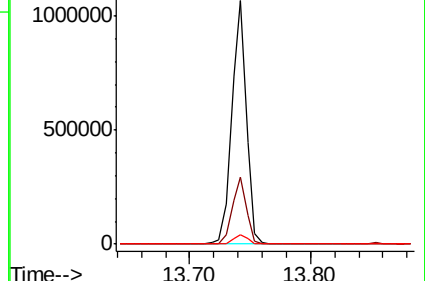
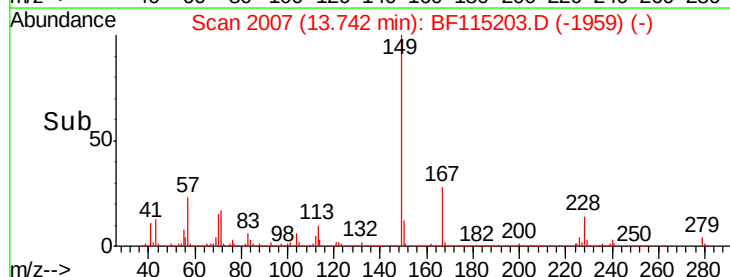
279 4.0 2.9 4.3

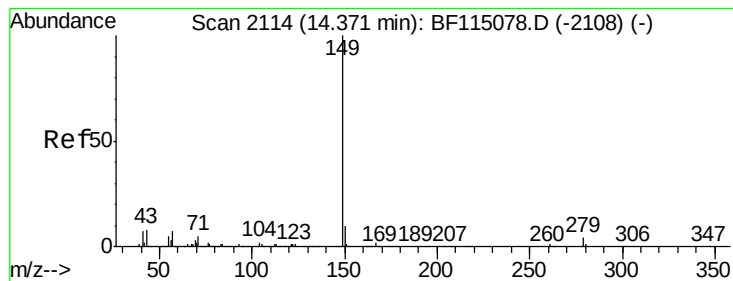


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 37.613 ng

RT: 14.35 min Scan# 2110

Delta R.T. -0.02 min

Lab File: BF115203.D

Acq: 25 Jun 2019 22:25

Instrument :

BNA_F

ClientSampleId :

BAT-B08MSD

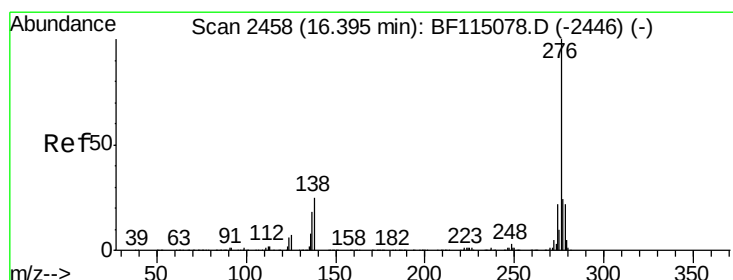
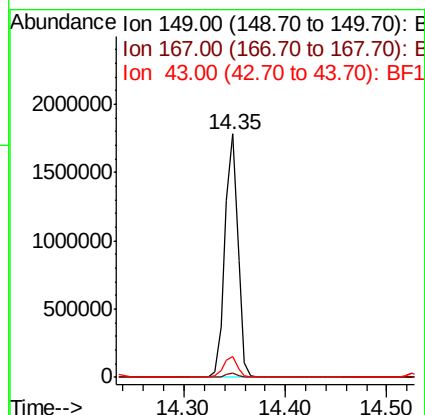
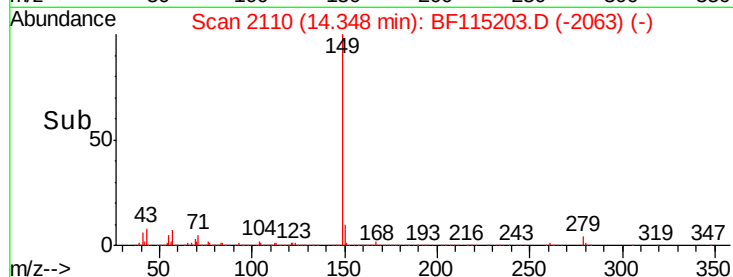
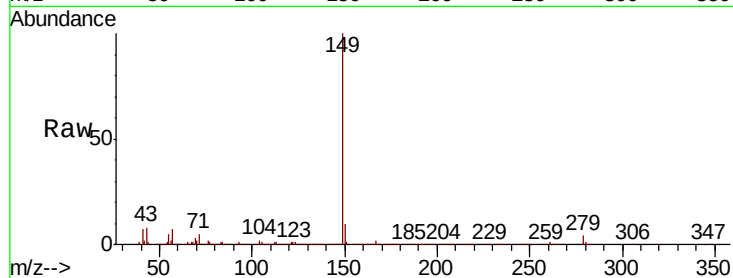
Tgt Ion:149 Resp: 1583593

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 8.6 7.0 10.6



#86

Indeno(1,2,3-cd)pyrene

Concen: 32.536 ng

RT: 16.36 min Scan# 2452

Delta R.T. -0.04 min

Lab File: BF115203.D

Acq: 25 Jun 2019 22:25

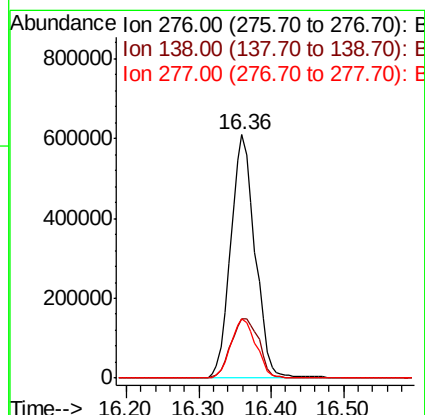
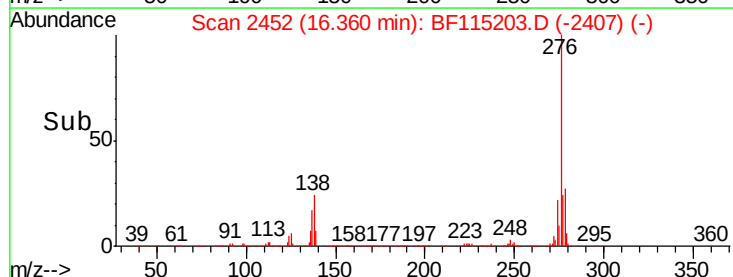
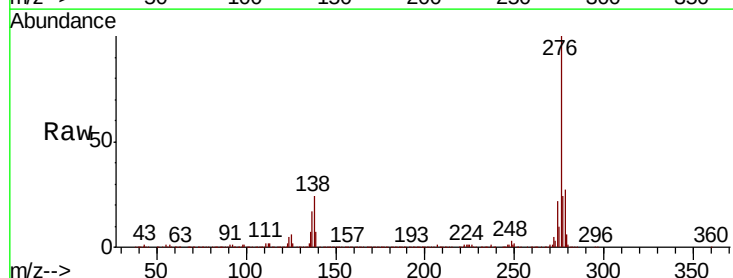
Tgt Ion:276 Resp: 1426877

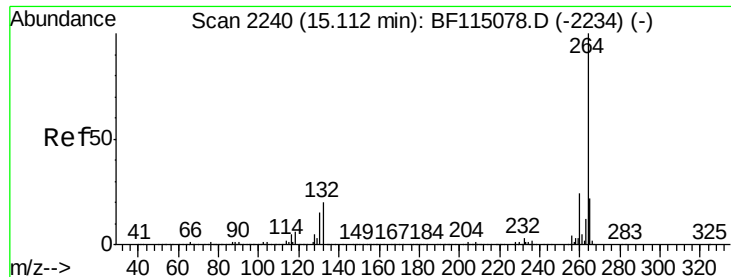
Ion Ratio Lower Upper

276 100

138 28.1 23.2 34.8

277 25.5 20.1 30.1





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.09 min Scan# 2236

Delta R.T. -0.02 min

Lab File: BF115203.D

Acq: 25 Jun 2019 22:25

Instrument :

BNA_F

ClientSampleId :

BAT-B08MSD

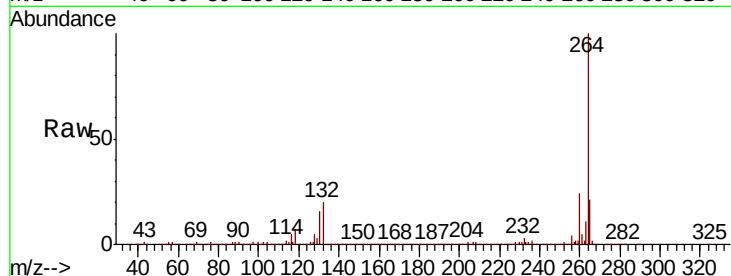
Tgt Ion:264 Resp: 676432

Ion Ratio Lower Upper

264 100

260 23.8 19.6 29.4

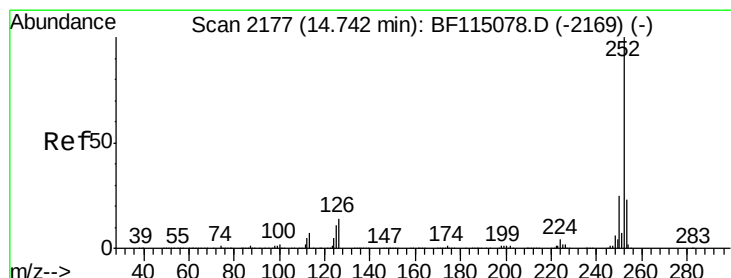
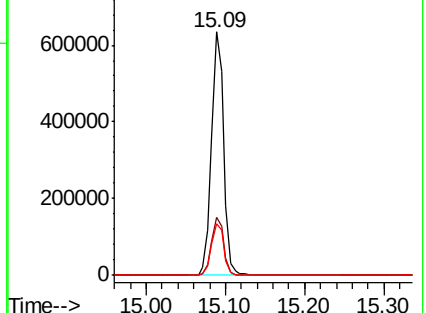
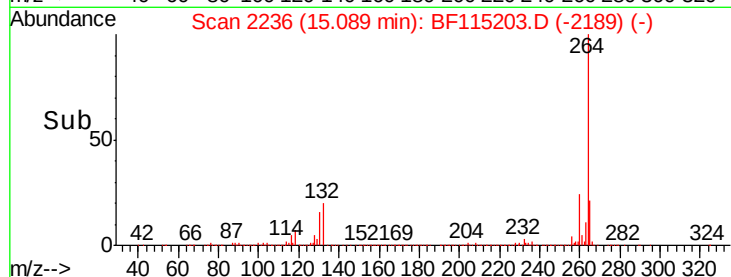
265 21.3 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 34.866 ng

RT: 14.72 min Scan# 2173

Delta R.T. -0.02 min

Lab File: BF115203.D

Acq: 25 Jun 2019 22:25

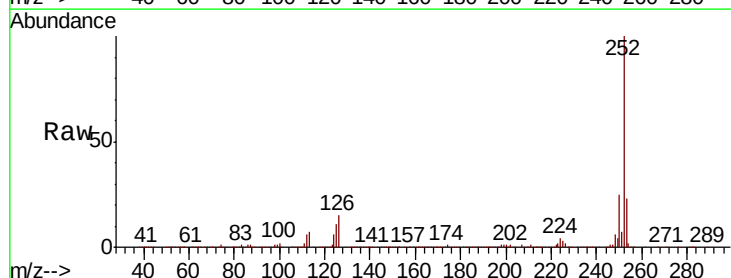
Tgt Ion:252 Resp: 1471615

Ion Ratio Lower Upper

252 100

253 23.2 18.1 27.1

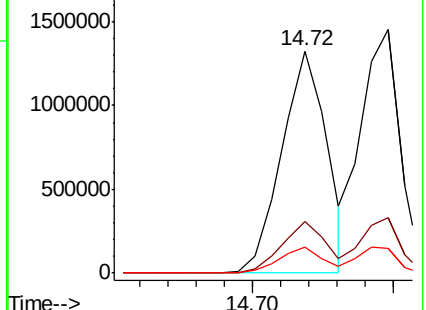
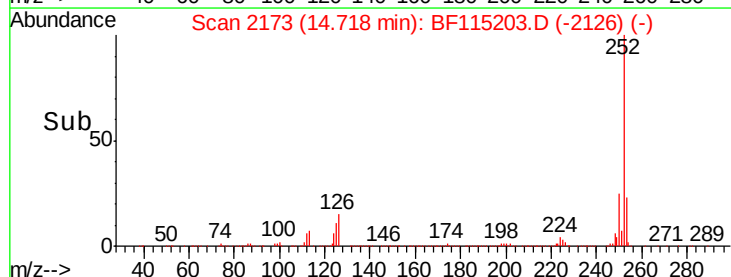
125 11.5 8.7 13.1

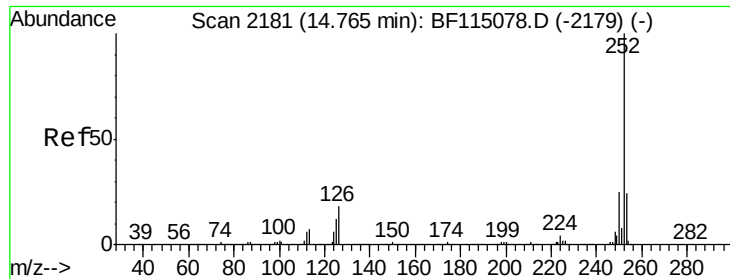


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

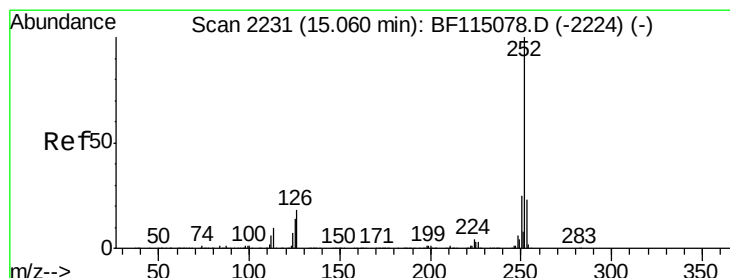
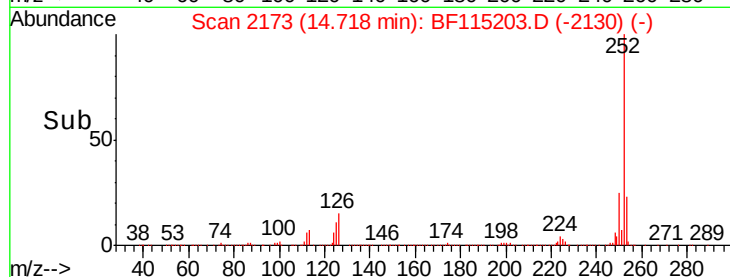
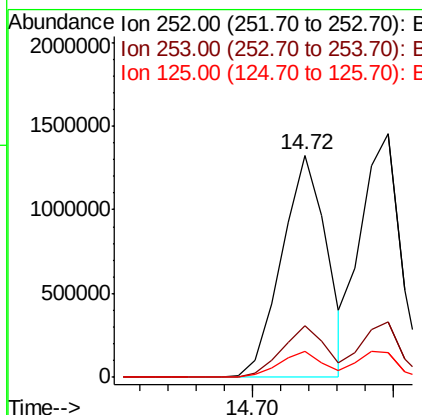
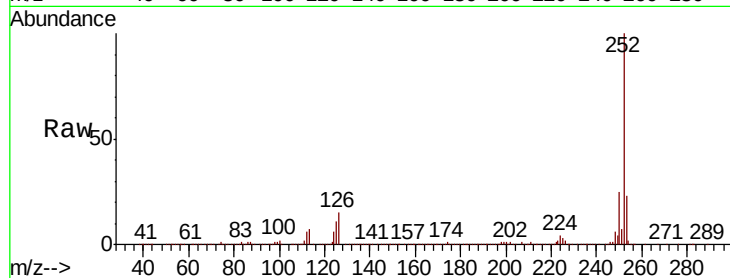




#89
Benzo(k)fluoranthene
Concen: 38.879 ng
RT: 14.72 min Scan# 2173
Delta R.T. -0.05 min
Lab File: BF115203.D
Acq: 25 Jun 2019 22:25

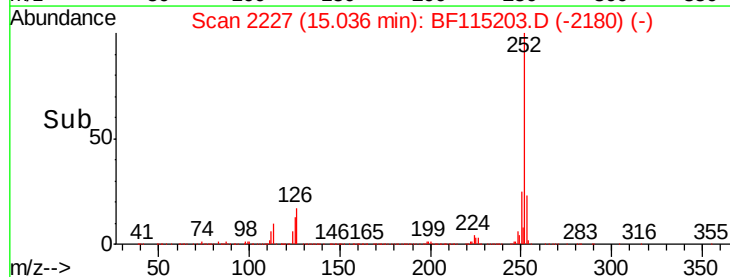
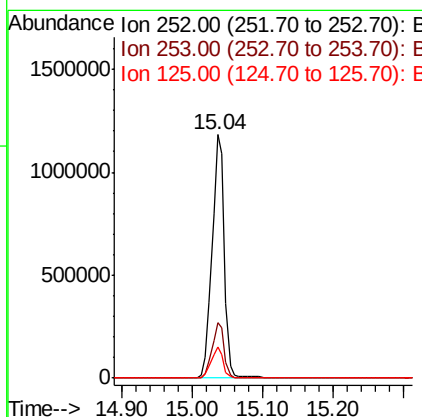
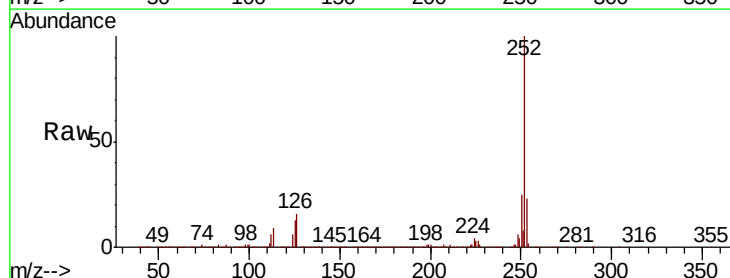
Instrument :
BNA_F
ClientSampleId :
BAT-B08MSD

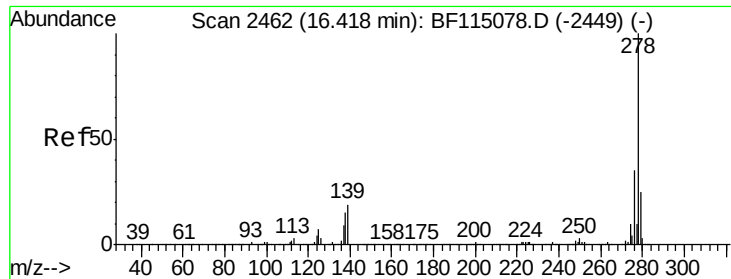
Tgt Ion:252 Resp: 1471615
Ion Ratio Lower Upper
252 100
253 23.2 18.9 28.3
125 11.5 10.2 15.2



#90
Benzo(a)pyrene
Concen: 37.573 ng
RT: 15.04 min Scan# 2227
Delta R.T. -0.02 min
Lab File: BF115203.D
Acq: 25 Jun 2019 22:25

Tgt Ion:252 Resp: 1429350
Ion Ratio Lower Upper
252 100
253 22.8 18.3 27.5
125 13.0 10.9 16.3





#91

Dibenzo(a,h)anthracene

Concen: 33.932 ng

RT: 16.38 min Scan# 2456

Delta R.T. -0.04 min

Lab File: BF115203.D

Acq: 25 Jun 2019 22:25

Instrument :

BNA_F

ClientSampleId :

BAT-B08MSD

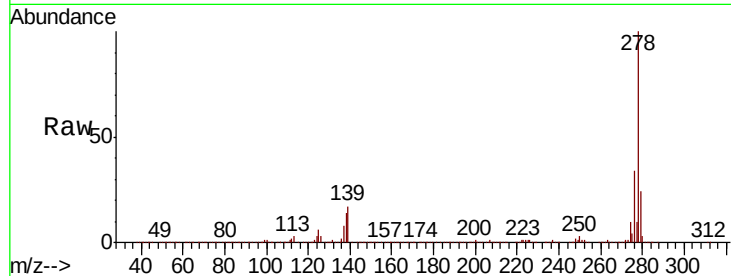
Tgt Ion:278 Resp: 1205101

Ion Ratio Lower Upper

278 100

139 17.2 15.4 23.2

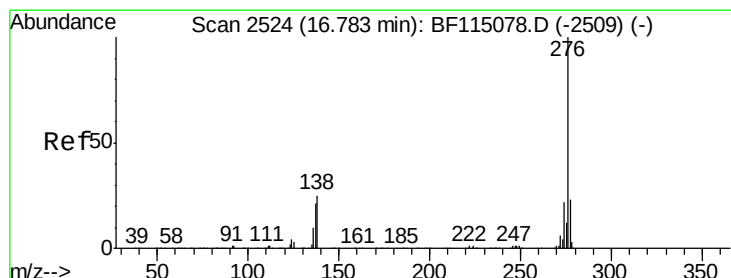
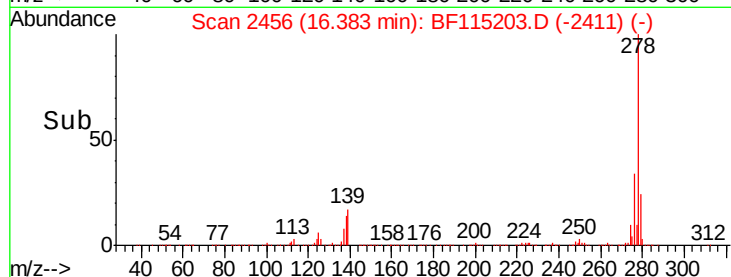
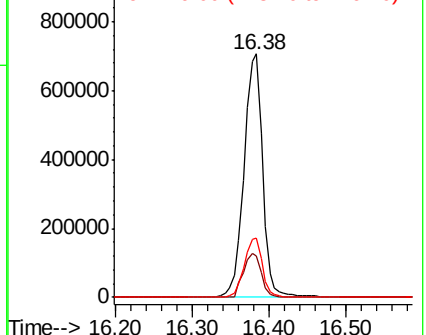
279 24.2 19.9 29.9



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 31.399 ng

RT: 16.74 min Scan# 2517

Delta R.T. -0.04 min

Lab File: BF115203.D

Acq: 25 Jun 2019 22:25

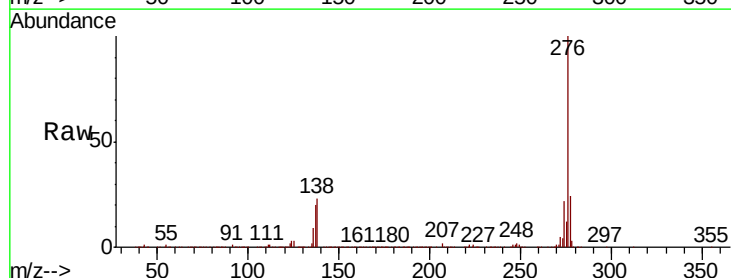
Tgt Ion:276 Resp: 1128634

Ion Ratio Lower Upper

276 100

277 24.2 18.6 28.0

138 23.3 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

