

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062919\
 Data File : BF115309.D
 Acq On : 29 Jun 2019 8:48
 Operator : HP/JU
 Sample : PB121004BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121004BS

Quant Time: Jun 30 01:39:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 05:26:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	194873	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	754138	20.00	ng	0.00
39) Acenaphthene-d10	9.63	164	366731	20.00	ng	0.00
64) Phenanthrene-d10	11.10	188	716820	20.00	ng	0.00
76) Chrysene-d12	13.72	240	513462	20.00	ng	0.00
87) Perylene-d12	15.08	264	623988	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.21	112	1451849	114.97	ng	0.02
7) Phenol-d6	6.25	99	1747542	114.01	ng	0.01
23) Nitrobenzene-d5	7.17	82	1030569	84.06	ng	0.00
42) 2,4,6-Tribromophenol	10.41	330	522515	135.11	ng	0.00
45) 2-Fluorobiphenyl	8.96	172	1971058	91.30	ng	0.00
79) Terphenyl-d14	12.68	244	2138277	88.54	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.24	88	238736	40.058	ng	99
3) Pyridine	2.89	79	613373	36.515	ng	99
4) n-Nitrosodimethylamine	2.84	42	245340	37.256	ng	98
6) Aniline	6.26	93	605379	28.738	ng	# 31
8) 2-Chlorophenol	6.38	128	595503	41.938	ng	99
9) Benzaldehyde	6.14	77	341994	34.200	ng	96
10) Phenol	6.26	94	691462	38.513	ng	88
11) bis(2-Chloroethyl)ether	6.34	93	532079	40.203	ng	99
12) 1,3-Dichlorobenzene	6.54	146	649134	41.191	ng	99
13) 1,4-Dichlorobenzene	6.62	146	656834	41.565	ng	99
14) 1,2-Dichlorobenzene	6.77	146	617272	42.180	ng	99
15) Benzyl Alcohol	6.75	79	421959	37.807	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.88	45	744429	38.782	ng	94
17) 2-Methylphenol	6.87	107	492541	42.023	ng	99
18) Hexachloroethane	7.11	117	230867	40.523	ng	99
19) n-Nitroso-di-n-propylamine	7.02	70	372116	37.921	ng	100
20) 3+4-Methylphenols	7.02	107	584163	43.164	ng	# 85
22) Acetophenone	7.01	105	784133	45.418	ng	# 95
24) Nitrobenzene	7.18	77	592998	43.907	ng	96
25) Isophorone	7.42	82	1058728	42.157	ng	99
26) 2-Nitrophenol	7.50	139	331530	49.706	ng	98
27) 2,4-Dimethylphenol	7.55	122	552163	50.562	ng	98
28) bis(2-Chloroethoxy)methane	7.64	93	681748	42.950	ng	99
29) 2,4-Dichlorophenol	7.74	162	508765	45.144	ng	97
30) 1,2,4-Trichlorobenzene	7.82	180	556443	44.700	ng	99
31) Naphthalene	7.90	128	1699129	45.899	ng	99
32) Benzoic acid	7.68	122	357409	45.850	ng	98
33) 4-Chloroaniline	7.95	127	462809	27.355	ng	98
34) Hexachlorobutadiene	8.03	225	296123	43.409	ng	99
35) Caprolactam	8.32	113	101652	26.828	ng	98
36) 4-Chloro-3-methylphenol	8.44	107	511158	44.787	ng	98
37) 2-Methylnaphthalene	8.60	142	1139734	45.662	ng	99
38) 1-Methylnaphthalene	8.69	142	1067057	44.762	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.76	216	485150	46.815	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.75	237	581659	94.656	ng	99
43) 2,4,6-Trichlorophenol	8.87	196	360325	45.037	ng	100
44) 2,4,5-Trichlorophenol	8.91	196	388850	47.195	ng	98
46) 1,1'-Biphenyl	9.06	154	1330854	45.354	ng	99
47) 2-Chloronaphthalene	9.08	162	1062955	44.658	ng	98
48) 2-Nitroaniline	9.17	65	308702	44.486	ng	98
49) Acenaphthylene	9.49	152	1682022	45.356	ng	100
50) Dimethylphthalate	9.37	163	1208727	44.799	ng	99
51) 2,6-Dinitrotoluene	9.42	165	286094	45.929	ng	92
52) Acenaphthene	9.66	154	985959	42.488	ng	100
53) 3-Nitroaniline	9.58	138	225006	29.600	ng	99
54) 2,4-Dinitrophenol	9.69	184	312009	95.750	ng	93
55) Dibenzofuran	9.84	168	1465706	44.007	ng	98
56) 4-Nitrophenol	9.75	139	521475	85.569	ng	93
57) 2,4-Dinitrotoluene	9.82	165	376701	46.835	ng	98
58) Fluorene	10.17	166	1042789	47.372	ng	97
59) 2,3,4,6-Tetrachlorophenol	9.95	232	333519	48.275	ng	97
60) Diethylphthalate	10.06	149	1172649	43.237	ng	100
61) 4-Chlorophenyl-phenylether	10.17	204	505283	48.474	ng	99
62) 4-Nitroaniline	10.19	138	321220	42.122	ng	97
63) Azobenzene	10.33	77	1106715	43.688	ng	99
65) 4,6-Dinitro-2-methylphenol	10.22	198	193268	50.396	ng	89
66) n-Nitrosodiphenylamine	10.29	169	1002976	44.911	ng	100
67) 4-Bromophenyl-phenylether	10.65	248	347849	44.758	ng	99
68) Hexachlorobenzene	10.72	284	387403	45.924	ng	96
69) Atrazine	10.82	200	323796	45.072	ng	99
70) Pentachlorophenol	10.91	266	472149	87.855	ng	99
71) Phenanthrene	11.12	178	1659070	42.987	ng	100
72) Anthracene	11.18	178	1727220	44.335	ng	100
73) Carbazole	11.33	167	1539221	44.245	ng	99
74) Di-n-butylphthalate	11.68	149	1783783	44.372	ng	99
75) Fluoranthene	12.31	202	1731268	44.959	ng	97
77) Benzidine	12.42	184	877353	38.481	ng	99
78) Pyrene	12.53	202	1767928	44.803	ng	99
80) Butylbenzylphthalate	13.16	149	784950	45.076	ng	100
81) Benzo(a)anthracene	13.71	228	1629774	44.236	ng	100
82) 3,3'-Dichlorobenzidine	13.68	252	454960	34.196	ng	98
83) Chrysene	13.75	228	1546849	45.834	ng	100
84) Bis(2-ethylhexyl)phthalate	13.73	149	1045836	45.834	ng	100
85) Di-n-octyl phthalate	14.34	149	1791851	46.738	ng	99
86) Indeno(1,2,3-cd)pyrene	16.36	276	1918647	48.045	ng	99
88) Benzo(b)fluoranthene	14.71	252	1639717	42.114	ng	98
89) Benzo(k)fluoranthene	14.74	252	1602603	45.898	ng	98
90) Benzo(a)pyrene	15.04	252	1605921	45.762	ng	97
91) Dibenzo(a,h)anthracene	16.38	278	1564503	47.755	ng	98
92) Benzo(g,h,i)perylene	16.74	276	1621518	48.902	ng	99

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

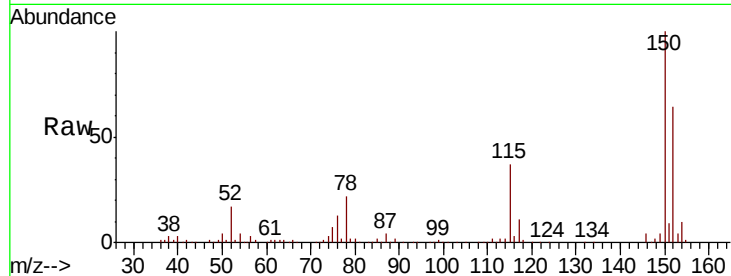


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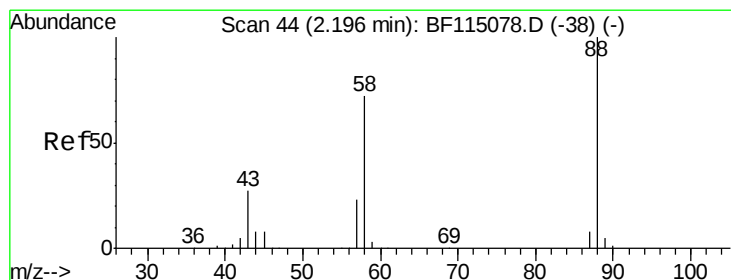
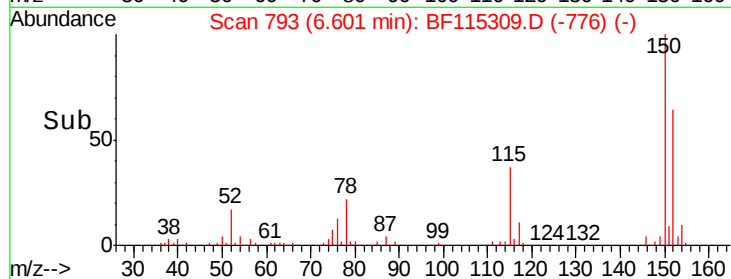
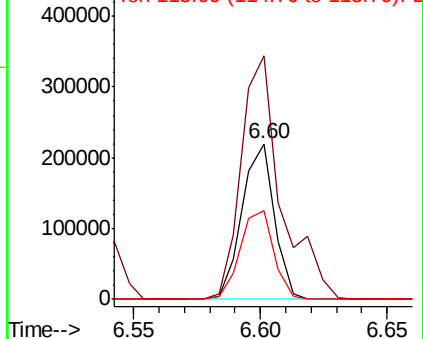
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF115309.D
Acq: 29 Jun 2019 8:48

Instrument :
BNA_F
ClientSampleId :
PB121004BS

Tgt Ion: 152 Resp: 194873
Ion Ratio Lower Upper
152 100
150 156.6 124.2 186.2
115 57.3 46.1 69.1



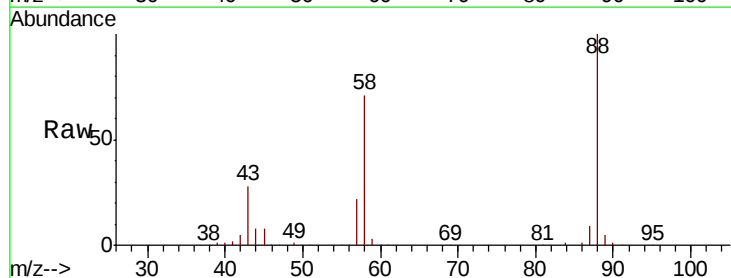
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



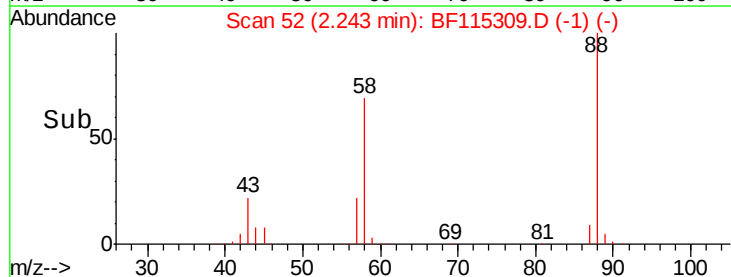
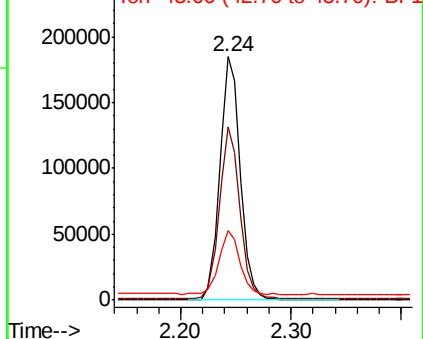
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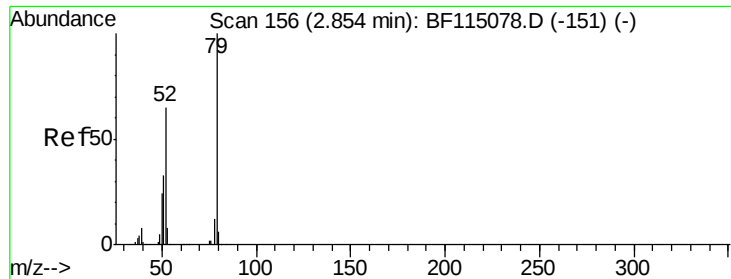
1,4-Dioxane
Concen: 40.058 ng
RT: 2.24 min Scan# 52
Delta R.T. 0.09 min
Lab File: BF115309.D
Acq: 29 Jun 2019 8:48

Tgt Ion: 88 Resp: 238736
Ion Ratio Lower Upper
88 100
58 69.7 56.1 84.1
43 26.9 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: 36.515 ng

RT: 2.89 min Scan# 162

Delta R.T. 0.09 min

Lab File: BF115309.D

Acq: 29 Jun 2019 8:48

Instrument :

BNA_F

ClientSampleId :

PB121004BS

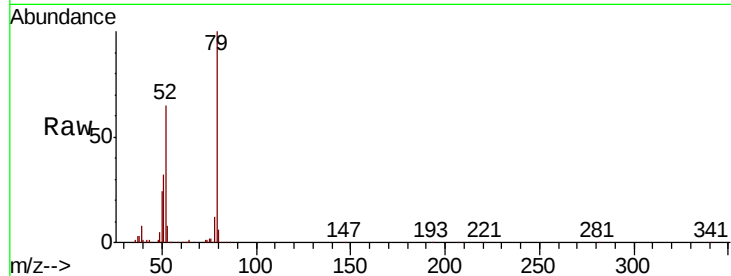
Tgt Ion: 79 Resp: 613373

Ion Ratio Lower Upper

79 100

52 64.9 52.3 78.5

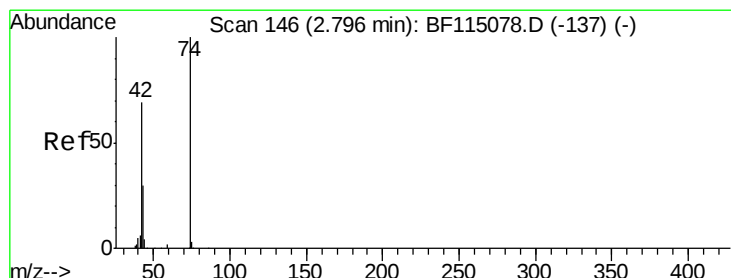
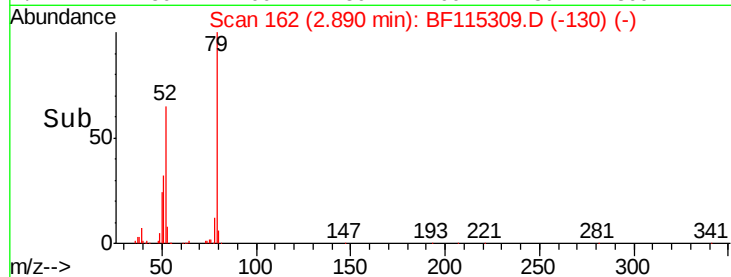
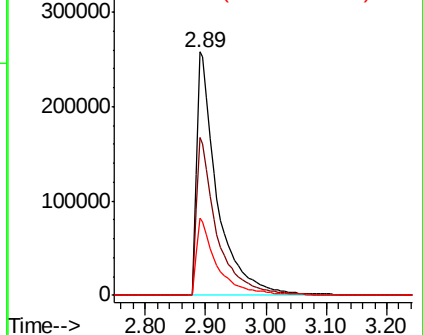
51 31.9 26.1 39.1



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: 37.256 ng

RT: 2.84 min Scan# 153

Delta R.T. 0.09 min

Lab File: BF115309.D

Acq: 29 Jun 2019 8:48

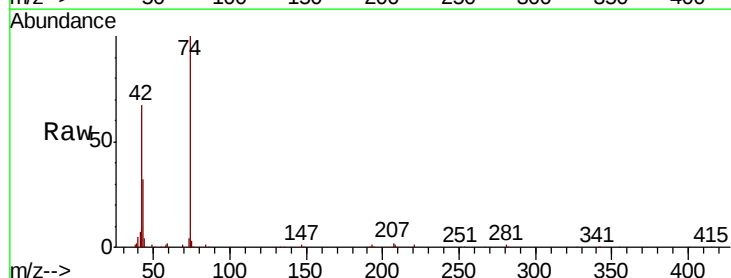
Tgt Ion: 42 Resp: 245340

Ion Ratio Lower Upper

42 100

74 148.8 116.6 175.0

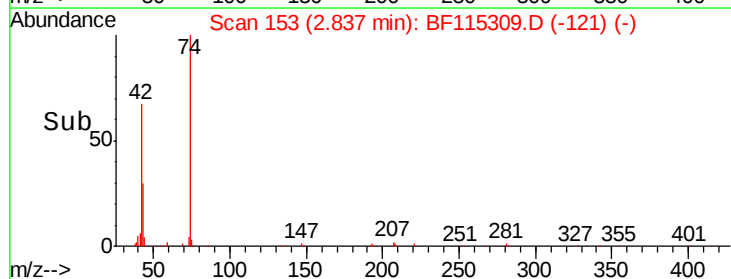
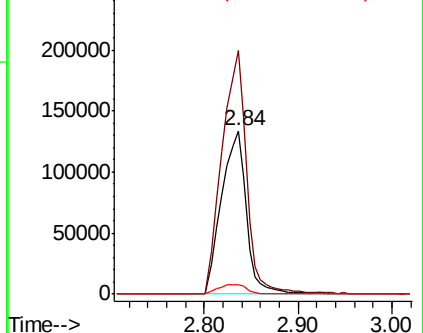
44 6.1 5.3 7.9



Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 114.970 ng

RT: 5.21 min Scan# 556

Delta R.T. 0.02 min

Lab File: BF115309.D

Acq: 29 Jun 2019 8:48

Instrument :

BNA_F

ClientSampleId :

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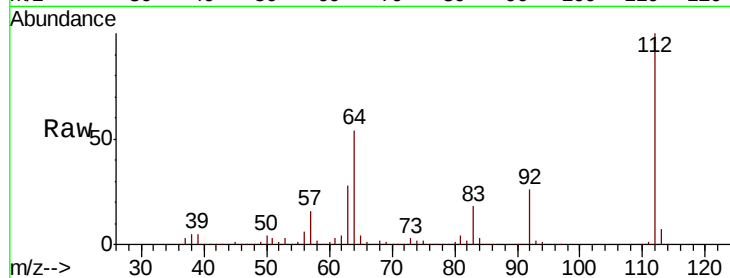
Tgt Ion:112 Resp: 1451849

Ion Ratio Lower Upper

112 100

64 53.8 43.8 65.6

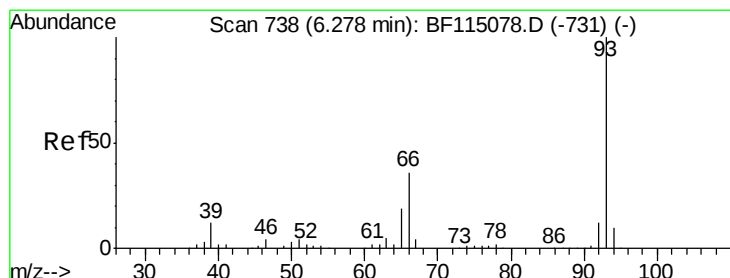
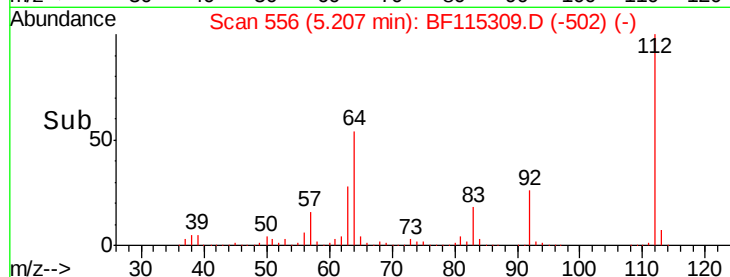
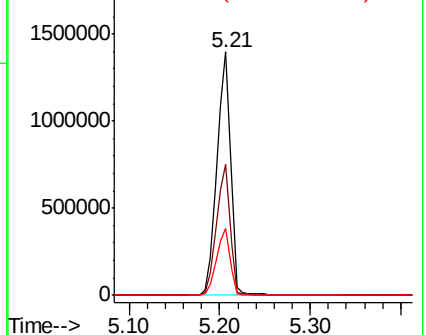
63 27.8 22.2 33.4



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: 28.738 ng

RT: 6.26 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF115309.D

Acq: 29 Jun 2019 8:48

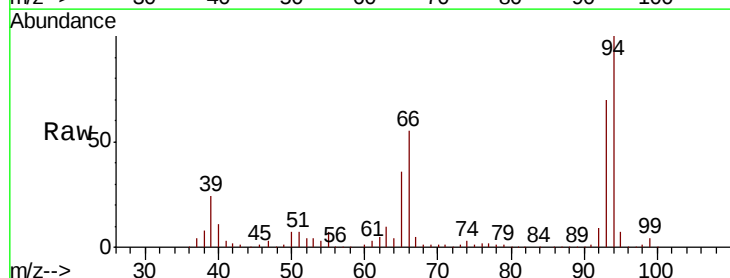
Tgt Ion: 93 Resp: 605379

Ion Ratio Lower Upper

93 100

66 79.0 30.0 45.0#

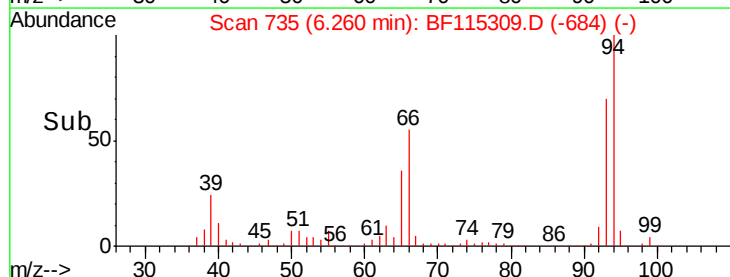
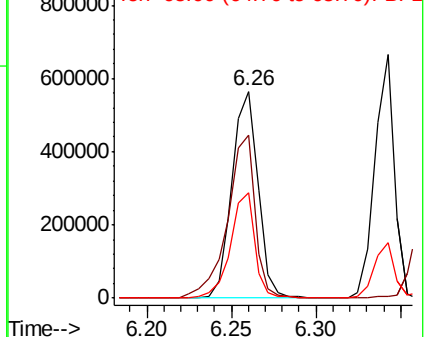
65 51.1 15.6 23.4#



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: 114.014 ng

RT: 6.25 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF115309.D

Acq: 29 Jun 2019 8:48

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BNA_F

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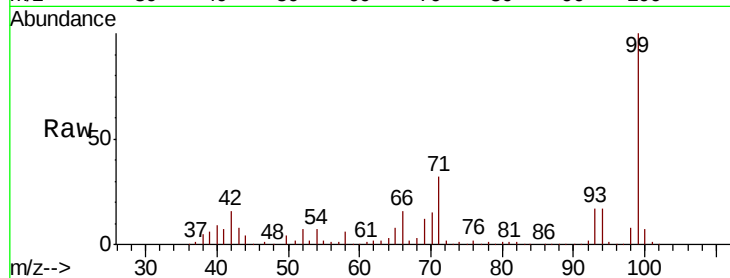
Tgt Ion: 99 Resp: 1747542

Ion Ratio Lower Upper

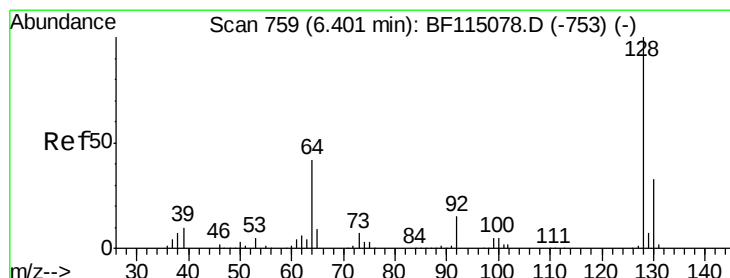
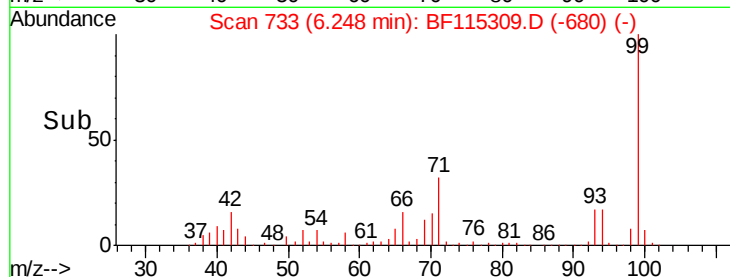
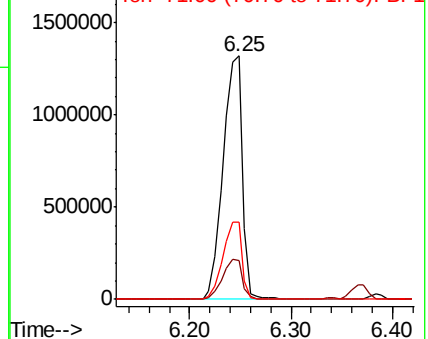
99 100

42 16.1 13.6 20.4

71 32.0 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: 41.938 ng

RT: 6.38 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF115309.D

Acq: 29 Jun 2019 8:48

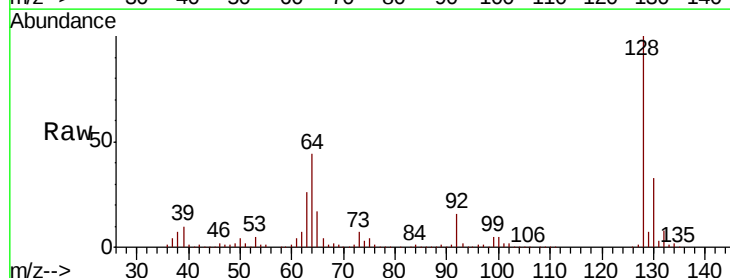
Tgt Ion: 128 Resp: 595503

Ion Ratio Lower Upper

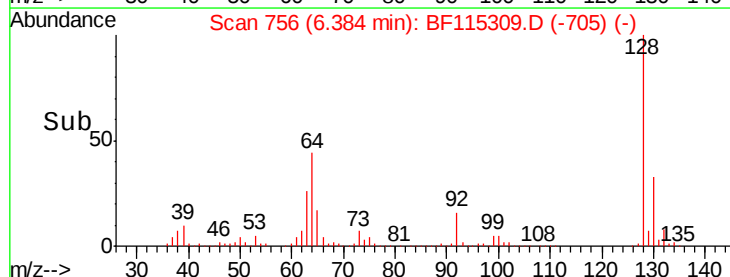
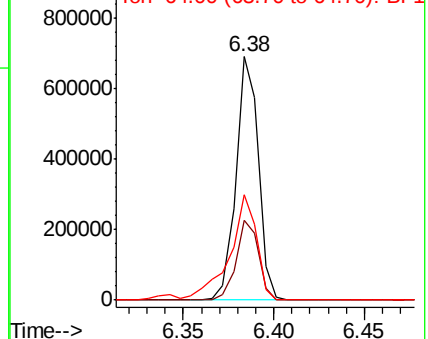
128 100

130 32.5 12.9 52.9

64 43.5 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: 34.200 ng

RT: 6.14 min Scan# 715

Delta R.T. 0.00 min

Lab File: BF115309.D

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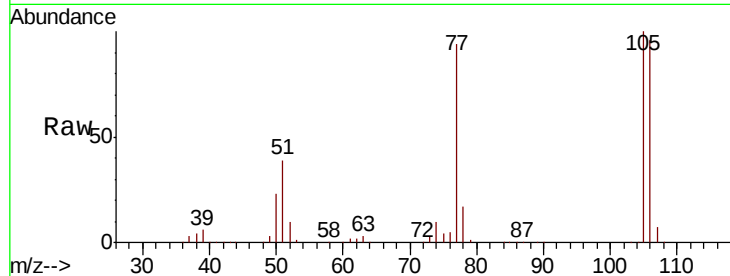
Tgt Ion: 77 Resp: 341994

Ion Ratio Lower Upper

77 100

105 106.9 81.5 121.5

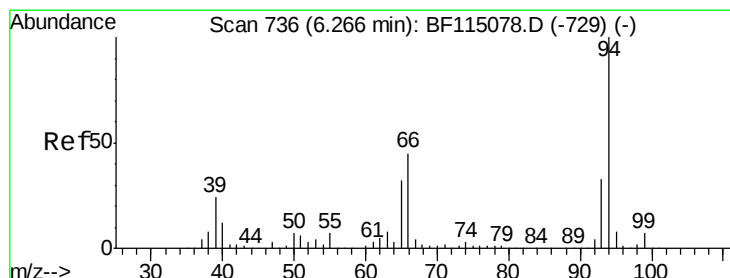
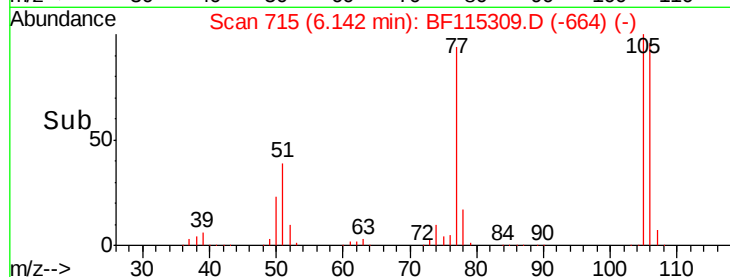
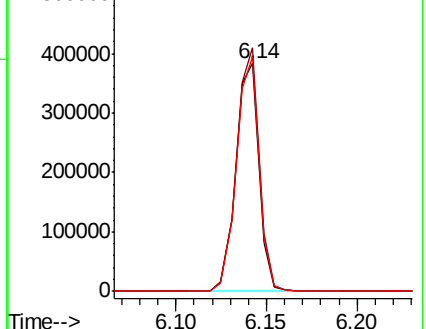
106 102.8 79.7 119.7



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: 38.513 ng

RT: 6.26 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF115309.D

Acq: 29 Jun 2019 8:48

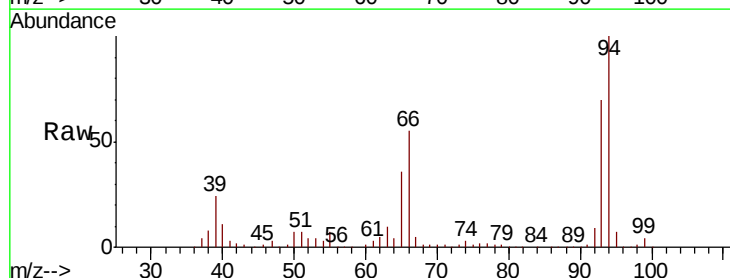
Tgt Ion: 94 Resp: 691462

Ion Ratio Lower Upper

94 100

65 35.7 11.9 51.9

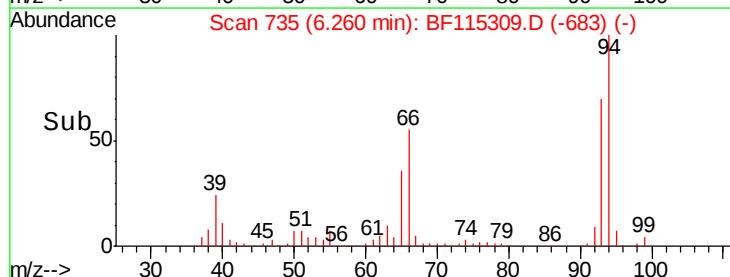
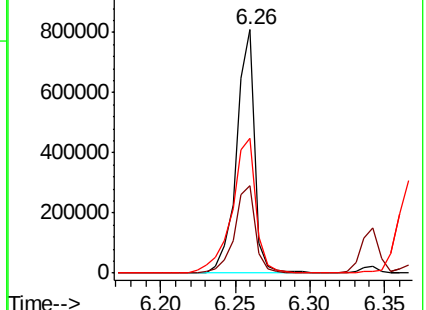
66 55.2 25.2 65.2

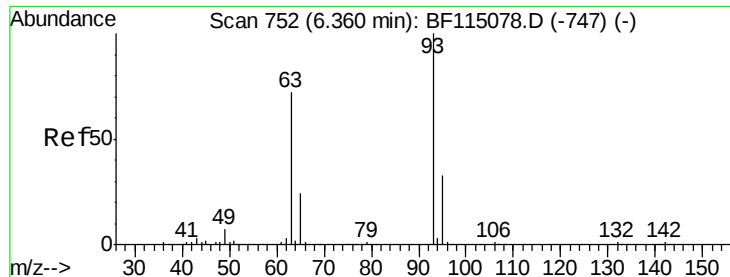


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 40.203 ng

RT: 6.34 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF115309.D

Acq: 29 Jun 2019 8:48

Instrument :

BNA_F

ClientSampleId :

PB121004BS

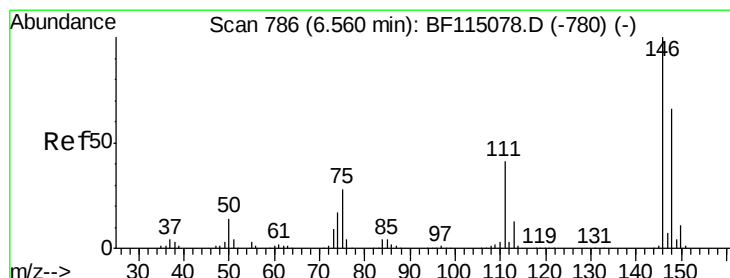
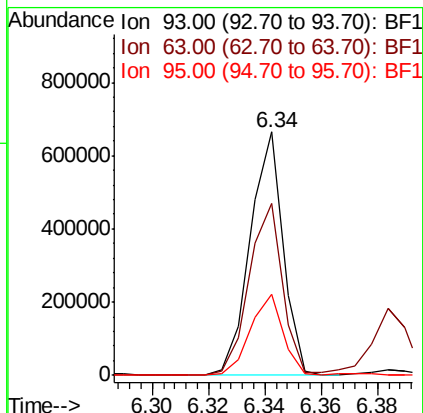
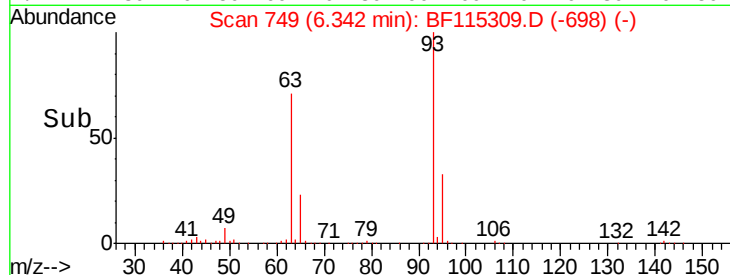
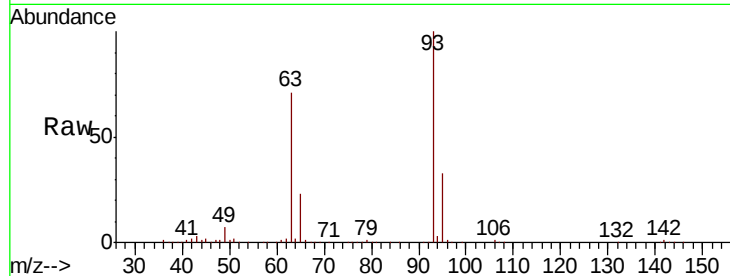
Tgt Ion: 93 Resp: 532079

Ion Ratio Lower Upper

93 100

63 70.8 51.5 91.5

95 33.1 13.4 53.4



#12

1,3-Dichlorobenzene

Concen: 41.191 ng

RT: 6.54 min Scan# 783

Delta R.T. 0.01 min

Lab File: BF115309.D

Acq: 29 Jun 2019 8:48

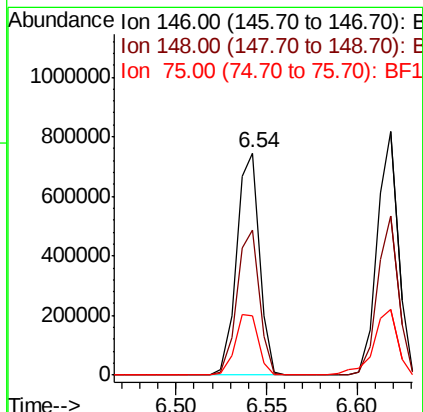
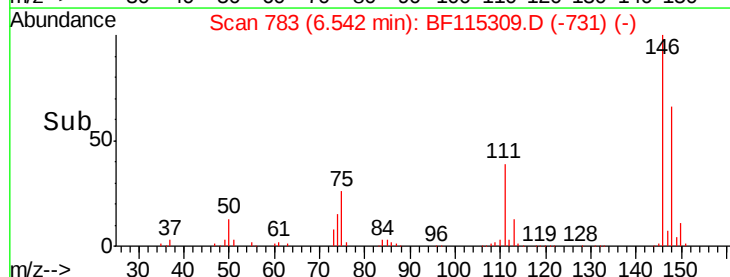
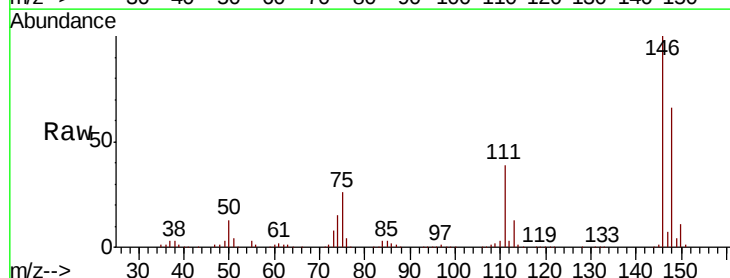
Tgt Ion: 146 Resp: 649134

Ion Ratio Lower Upper

146 100

148 65.6 52.6 78.8

75 26.4 22.6 34.0

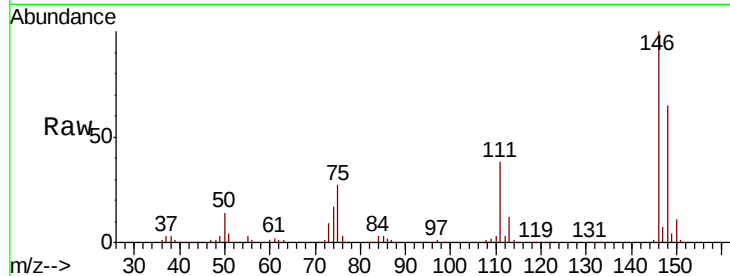




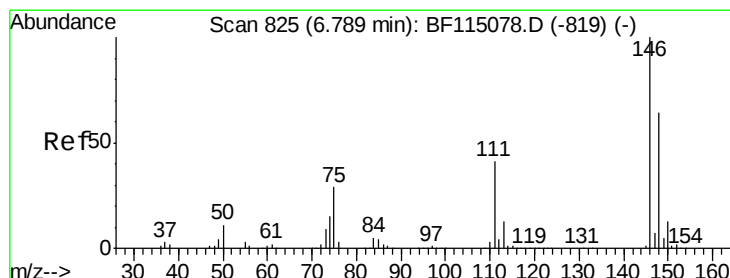
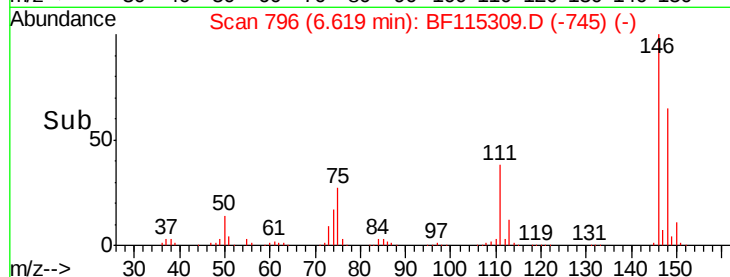
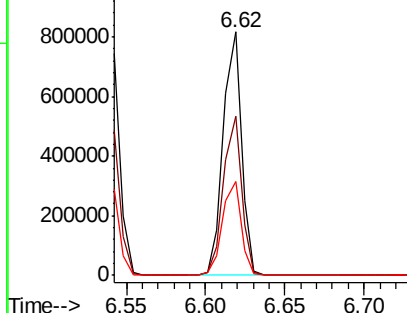
#13
 1,4-Dichlorobenzene
 Concen: 41.565 ng
 RT: 6.62 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF115309.D
 Acq: 29 Jun 2019 8:48

Instrument :
 BNA_F
 ClientSampleId :
 PB121004BS

Tgt Ion:146 Resp: 656834
 Ion Ratio Lower Upper
 146 100
 148 65.3 51.9 77.9
 111 38.5 31.4 47.0

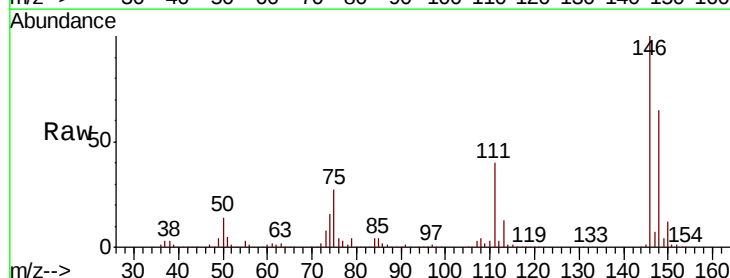


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

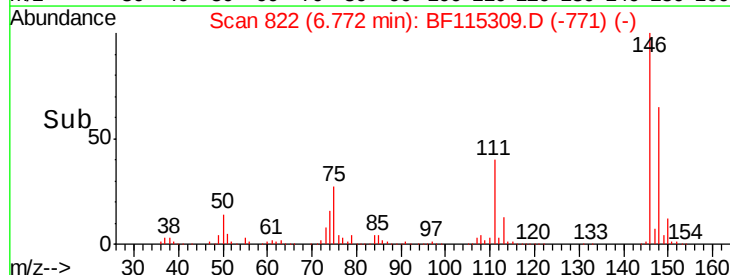
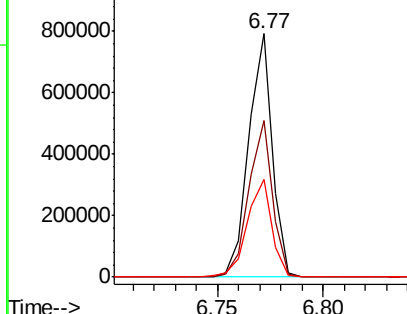


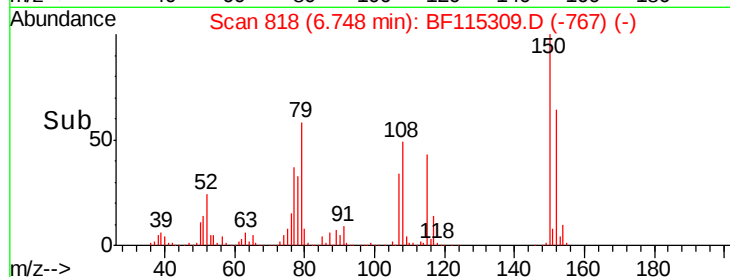
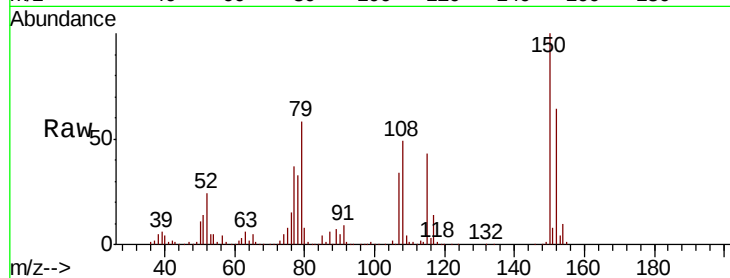
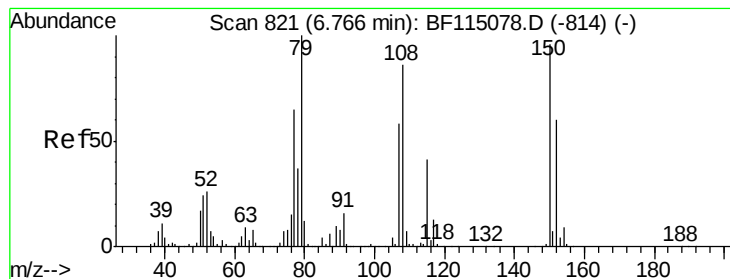
#14
 1,2-Dichlorobenzene
 Concen: 42.180 ng
 RT: 6.77 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BF115309.D
 Acq: 29 Jun 2019 8:48

Tgt Ion:146 Resp: 617272
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.1 76.7
 111 40.1 33.2 49.8



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





#15

Benzyl Alcohol

Concen: 37.807 ng

RT: 6.75 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF115309.D

Acq: 29 Jun 2019 8:48

Instrument :

BNA_F

ClientSampleId :

PB121004BS

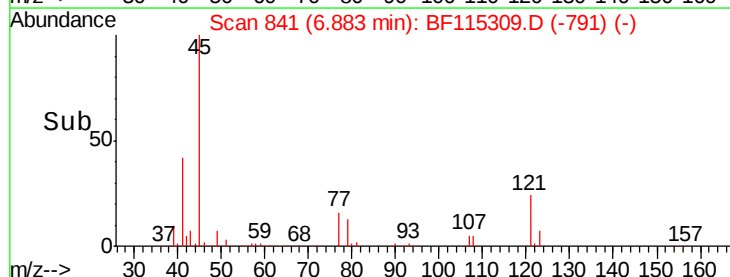
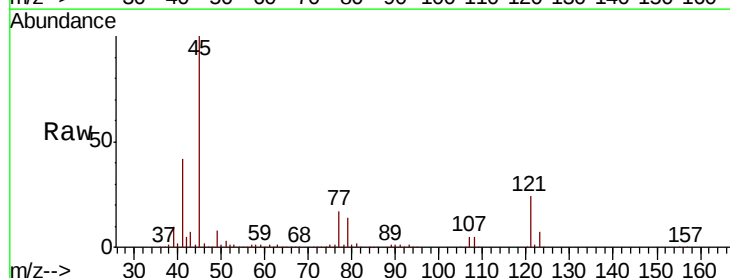
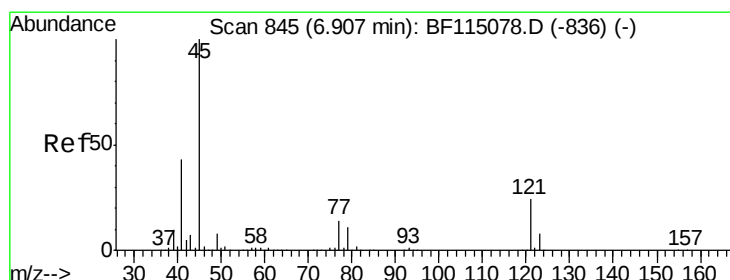
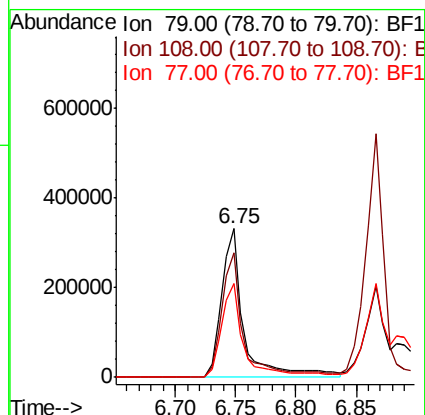
Tgt Ion: 79 Resp: 421959

Ion Ratio Lower Upper

79 100

108 84.2 68.7 103.1

77 63.5 51.7 77.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.782 ng

RT: 6.88 min Scan# 841

Delta R.T. -0.01 min

Lab File: BF115309.D

Acq: 29 Jun 2019 8:48

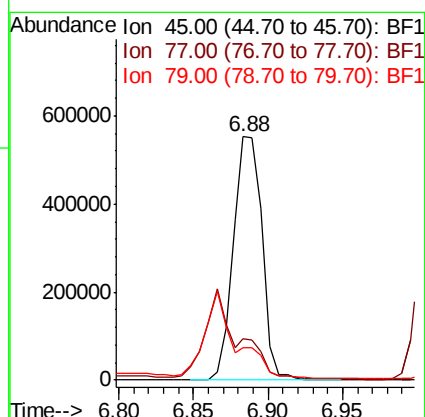
Tgt Ion: 45 Resp: 744429

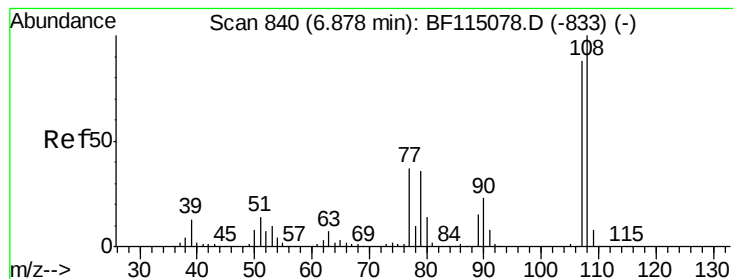
Ion Ratio Lower Upper

45 100

77 16.7 0.0 34.6

79 13.5 0.0 31.2





#17

2-Methylphenol

Concen: 42.023 ng

RT: 6.87 min Scan# 838

Delta R.T. 0.01 min

Lab File: BF115309.D

Acq: 29 Jun 2019 8:48

Instrument :

BNA_F

ClientSampleId :

PB121004BS

Tgt Ion:107 Resp: 492541

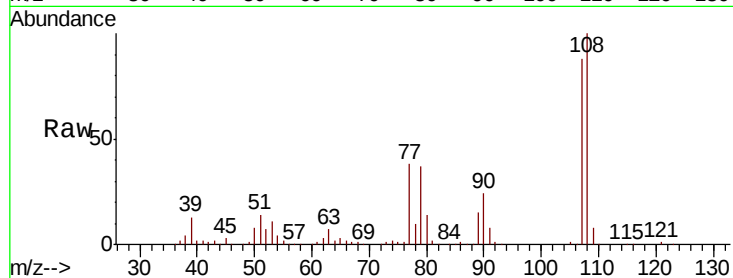
Ion Ratio Lower Upper

107 100

108 113.4 90.9 136.3

77 43.5 33.4 50.2

79 42.3 32.3 48.5

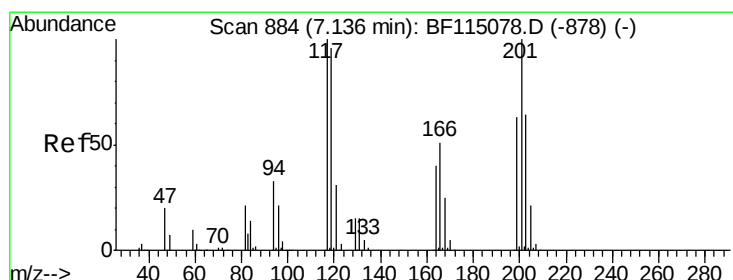
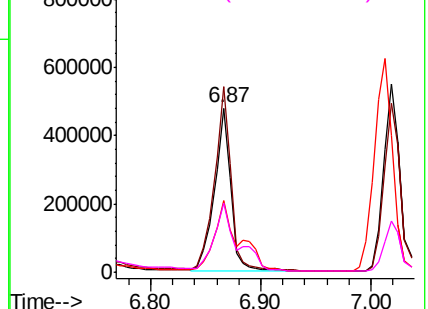
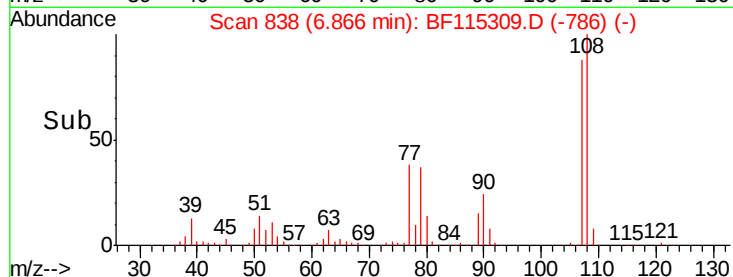


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.523 ng

RT: 7.11 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF115309.D

Acq: 29 Jun 2019 8:48

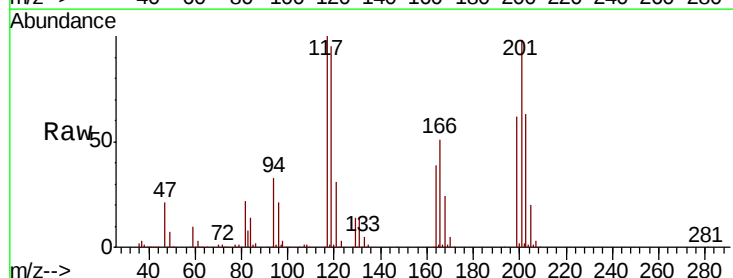
Tgt Ion:117 Resp: 230867

Ion Ratio Lower Upper

117 100

119 95.1 76.6 114.8

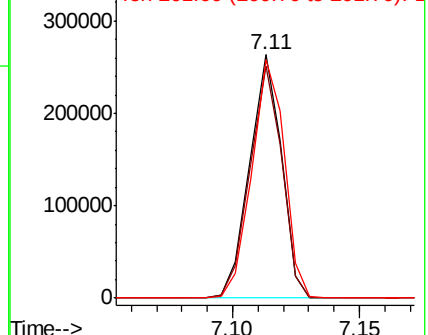
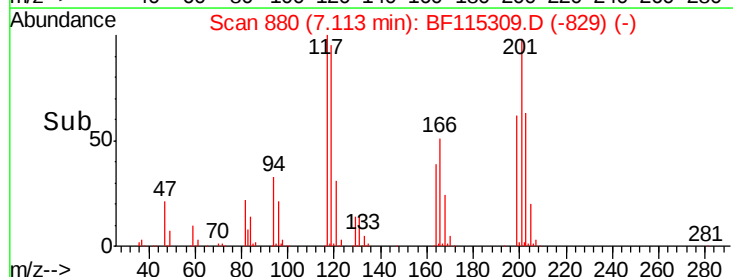
201 98.1 80.2 120.2

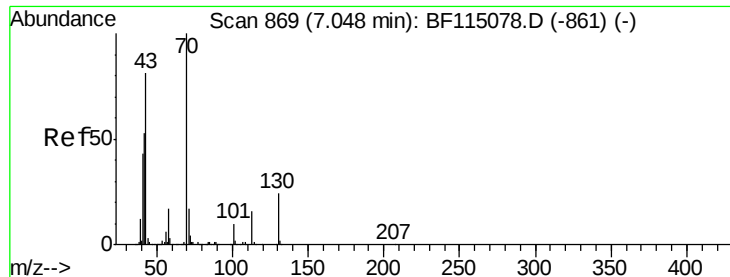


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

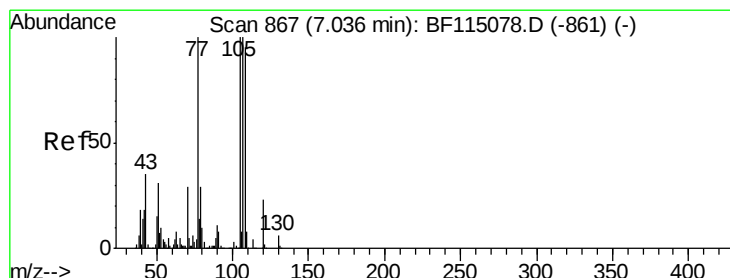
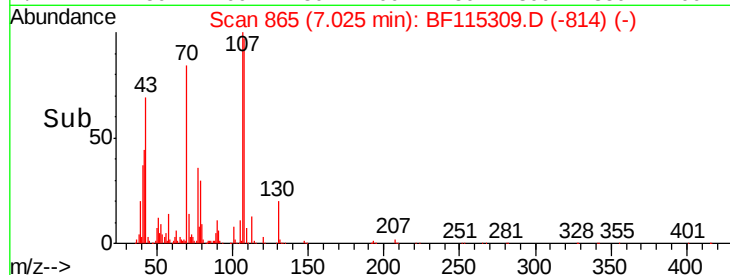
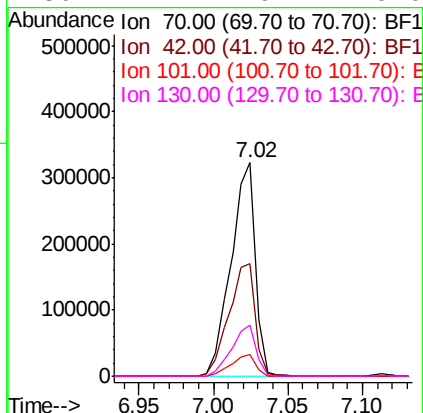
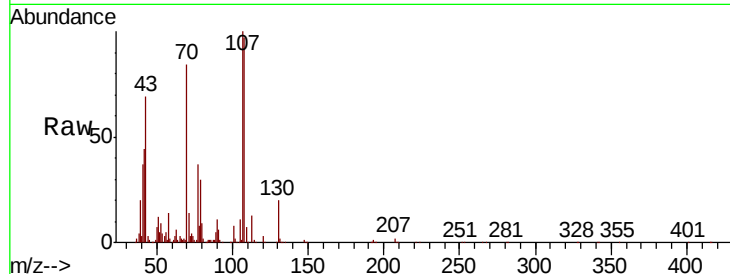




#19
n-Nitroso-di-n-propylamine
Concen: 37.921 ng
RT: 7.02 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF115309.D
Acq: 29 Jun 2019 8:48

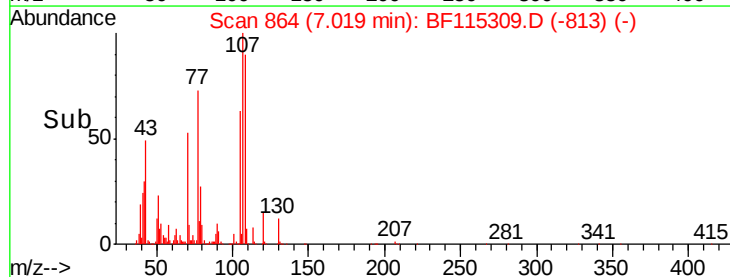
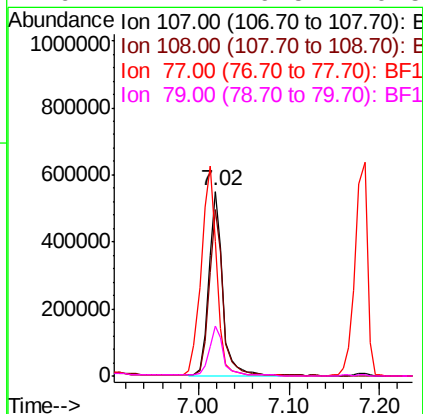
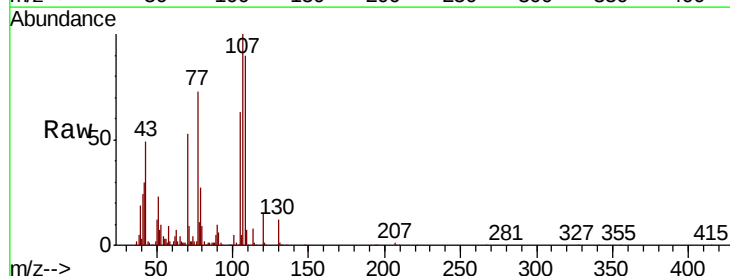
Instrument :
BNA_F
ClientSampleId :
PB121004BS

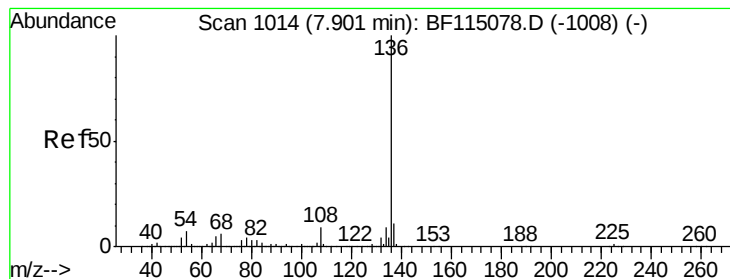
Tgt Ion:	70	Resp:	372116
Ion	Ratio	Lower	Upper
70	100		
42	52.7	42.6	63.8
101	10.0	8.0	12.0
130	24.2	19.4	29.0



#20
3+4-Methylphenols
Concen: 43.164 ng
RT: 7.02 min Scan# 864
Delta R.T. 0.00 min
Lab File: BF115309.D
Acq: 29 Jun 2019 8:48

Tgt Ion:	107	Resp:	584163
Ion	Ratio	Lower	Upper
107	100		
108	90.1	75.5	115.5
77	72.7	80.2	120.2#
79	27.2	9.5	49.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.88 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BF115309.D

Acq: 29 Jun 2019 8:48

Instrument :

BNA_F

ClientSampleId :

PB121004BS

Tgt Ion:136 Resp: 754138

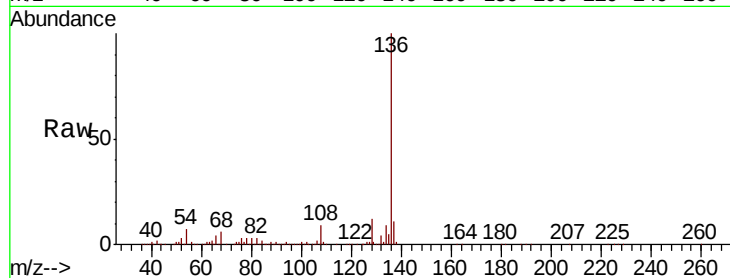
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 6.5 5.6 8.4

68 5.7 4.8 7.2

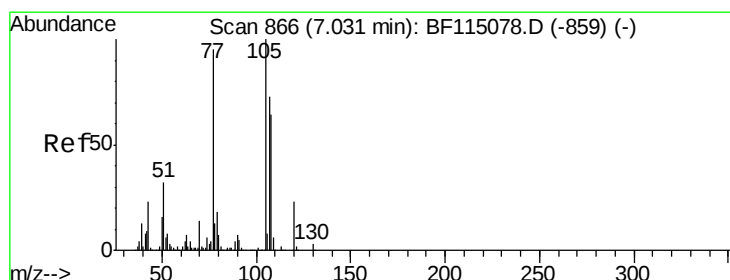
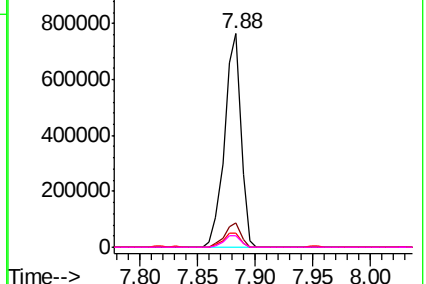
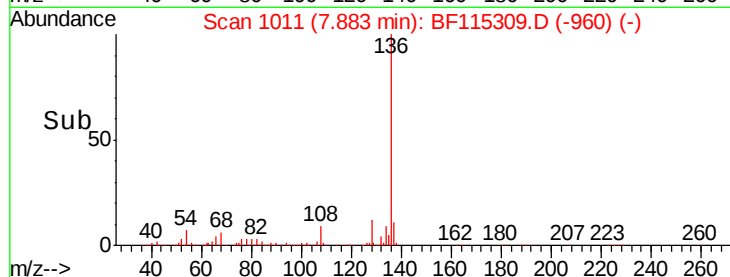


Abundance Ion 136.00 (135.70 to 136.70): E

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: 45.418 ng

RT: 7.01 min Scan# 863

Delta R.T. 0.00 min

Lab File: BF115309.D

Acq: 29 Jun 2019 8:48

Tgt Ion:105 Resp: 784133

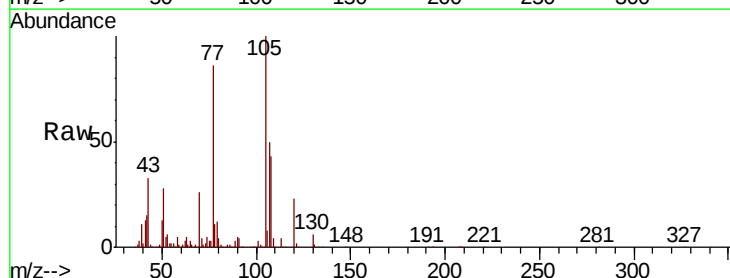
Ion Ratio Lower Upper

105 100

71 4.5 1.9 2.9#

51 28.1 25.8 38.8

120 23.5 18.5 27.7

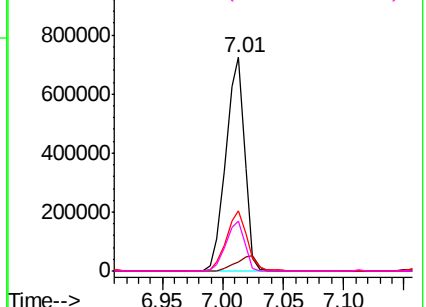
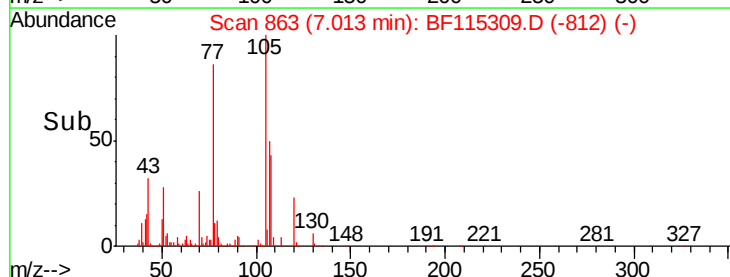


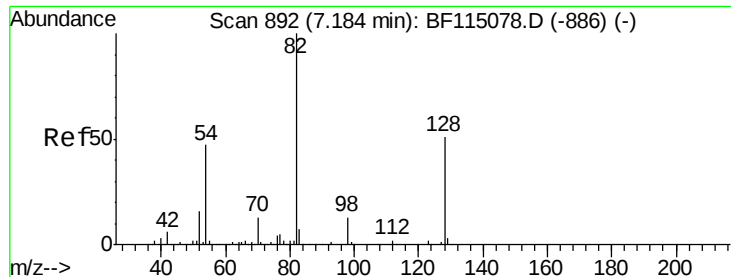
Abundance Ion 105.00 (104.70 to 105.70): E

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

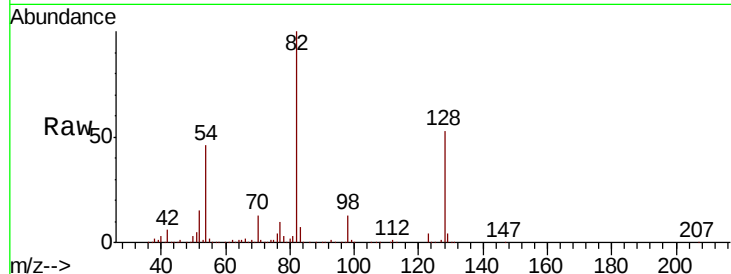




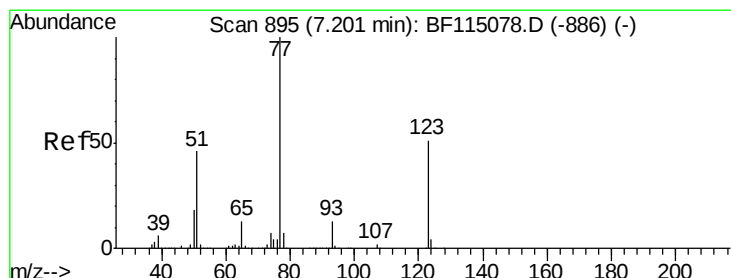
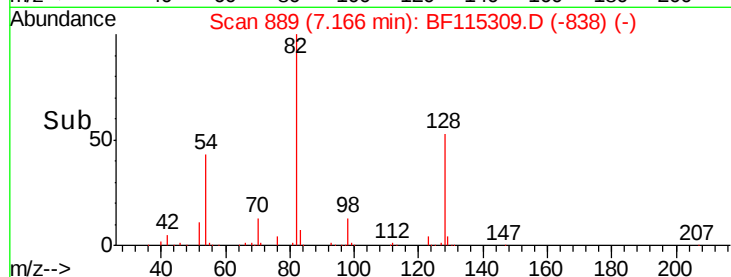
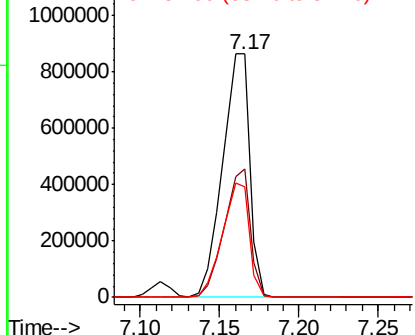
#23
 Nitrobenzene-d5
 Concen: 84.064 ng
 RT: 7.17 min Scan# 889
 Delta R.T. 0.00 min
 Lab File: BF115309.D
 Acq: 29 Jun 2019 8:48

Instrument :
 BNA_F
 ClientSampleId :
 PB121004BS

Tgt Ion: 82 Resp: 1030569
 Ion Ratio Lower Upper
 82 100
 128 52.7 40.4 60.6
 54 45.6 37.5 56.3

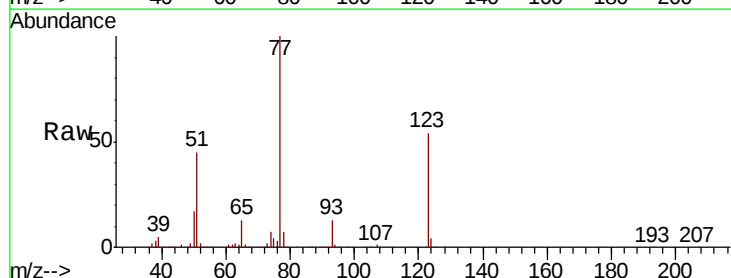


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

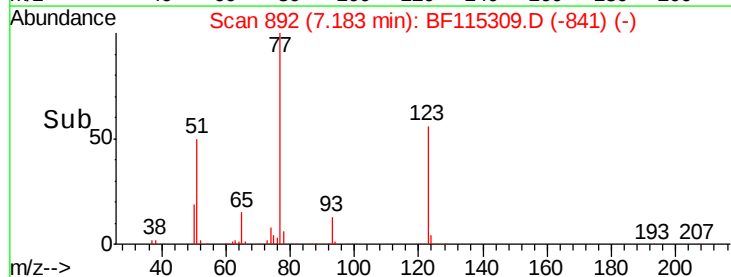
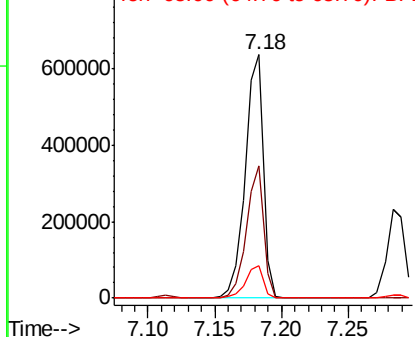


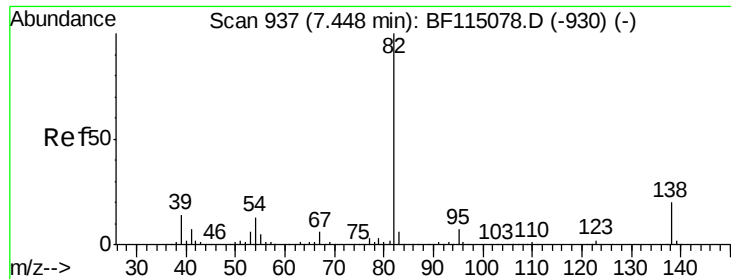
#24
 Nitrobenzene
 Concen: 43.907 ng
 RT: 7.18 min Scan# 892
 Delta R.T. 0.00 min
 Lab File: BF115309.D
 Acq: 29 Jun 2019 8:48

Tgt Ion: 77 Resp: 592998
 Ion Ratio Lower Upper
 77 100
 123 54.5 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

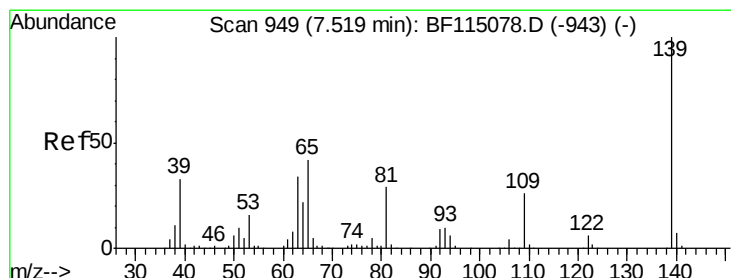
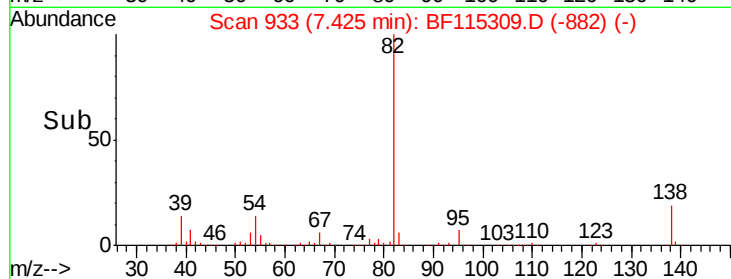
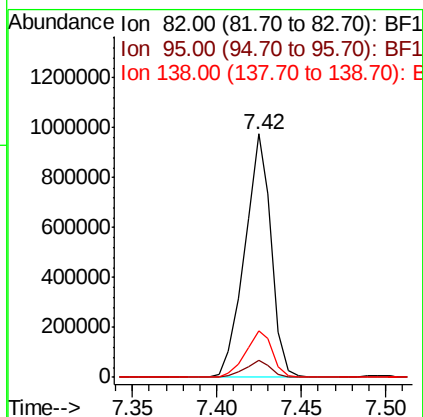
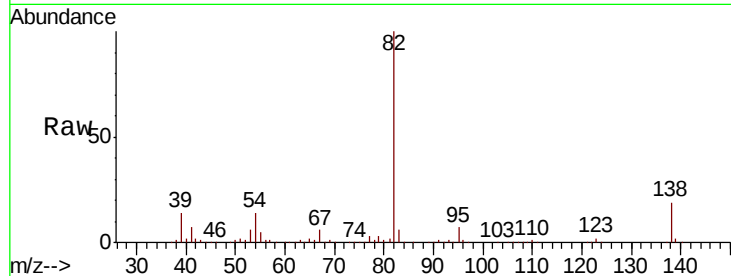




#25
Isophorone
Concen: 42.157 ng
RT: 7.42 min Scan# 933
Delta R.T. 0.00 min
Lab File: BF115309.D
Acq: 29 Jun 2019 8:48

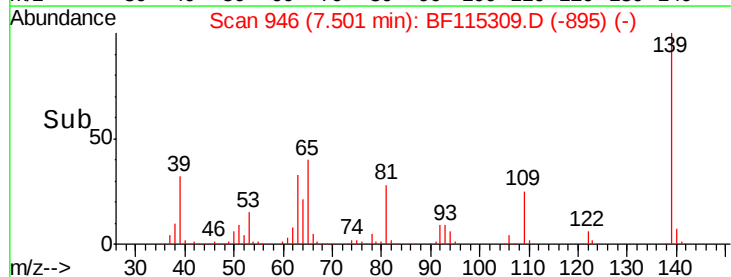
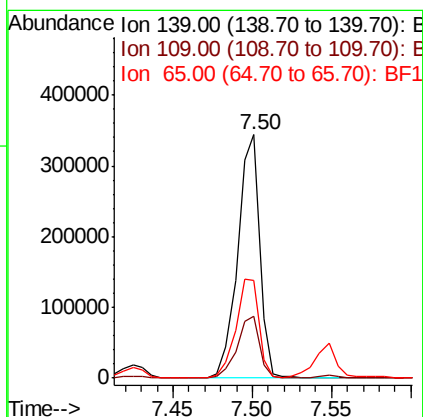
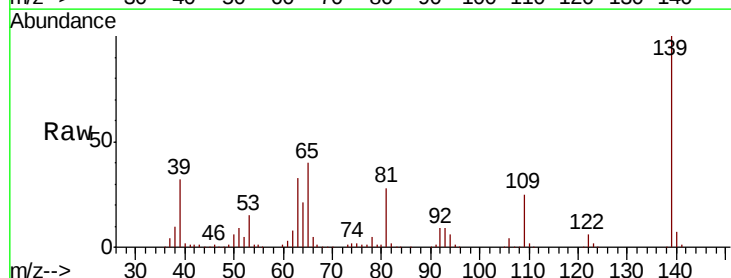
Instrument :
BNA_F
ClientSampleId :
PB121004BS

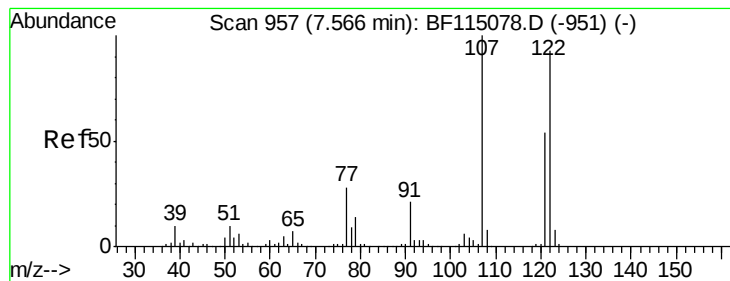
Tgt Ion: 82 Resp: 1058728
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.2
138 19.2 15.9 23.9



#26
2-Nitrophenol
Concen: 49.706 ng
RT: 7.50 min Scan# 946
Delta R.T. 0.00 min
Lab File: BF115309.D
Acq: 29 Jun 2019 8:48

Tgt Ion: 139 Resp: 331530
Ion Ratio Lower Upper
139 100
109 25.4 20.4 30.6
65 39.9 33.6 50.4





#27

2,4-Dimethylphenol

Concen: 50.562 ng

RT: 7.55 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF115309.D

Acq: 29 Jun 2019 8:48

Instrument :

BNA_F

ClientSampleId :

PB121004BS

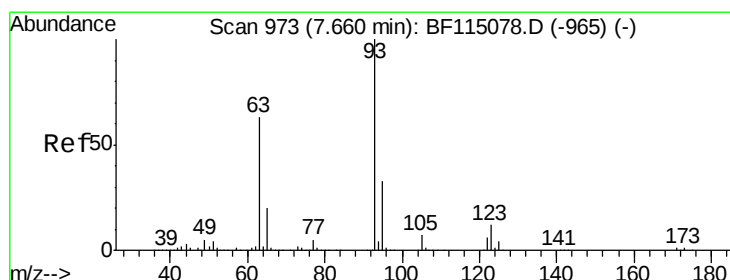
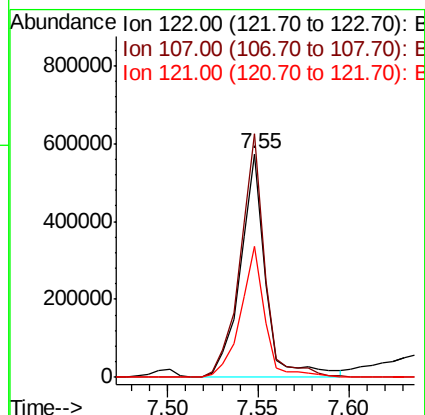
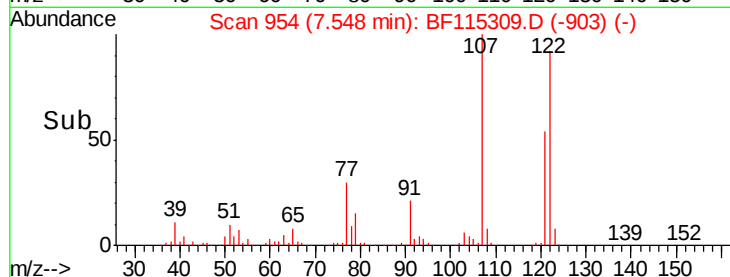
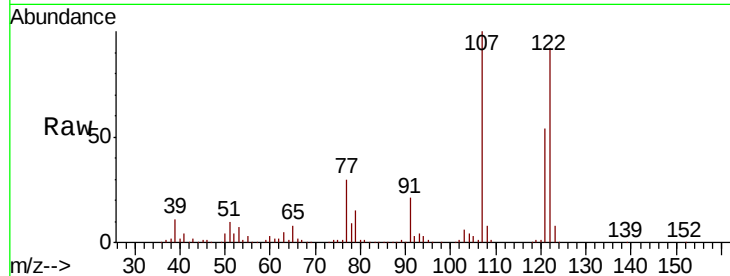
Tgt Ion:122 Resp: 552163

Ion Ratio Lower Upper

122 100

107 109.0 85.8 128.6

121 58.7 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 42.950 ng

RT: 7.64 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF115309.D

Acq: 29 Jun 2019 8:48

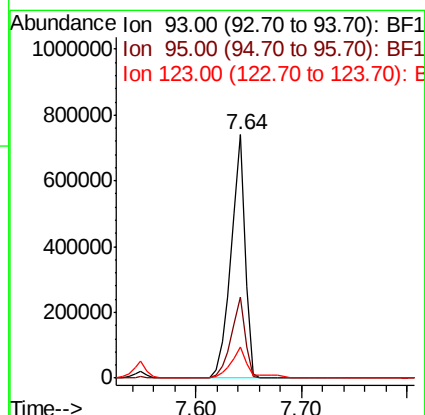
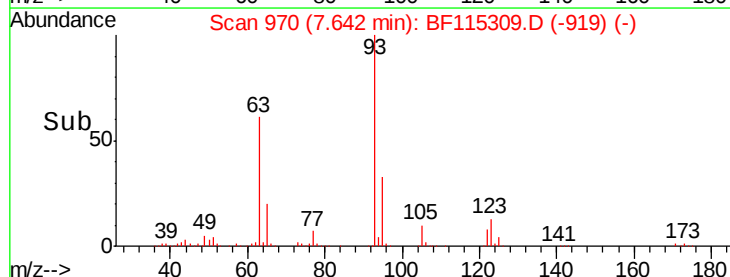
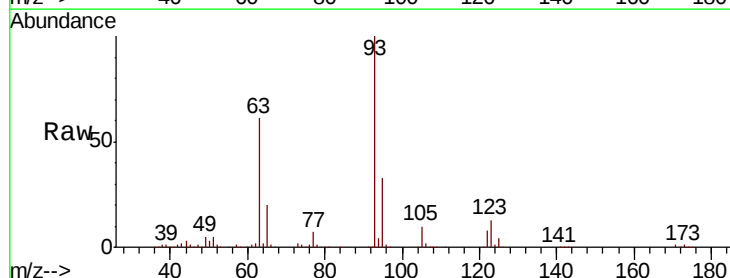
Tgt Ion: 93 Resp: 681748

Ion Ratio Lower Upper

93 100

95 33.1 26.2 39.4

123 12.7 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 45.144 ng

RT: 7.74 min Scan# 987

Delta R.T. 0.00 min

Lab File: BF115309.D

Acq: 29 Jun 2019 8:48

Instrument :

BNA_F

ClientSampleId :

PB121004BS

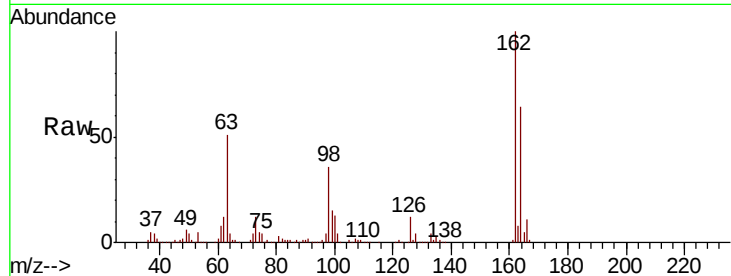
Tgt Ion:162 Resp: 508765

Ion Ratio Lower Upper

162 100

164 64.4 45.3 85.3

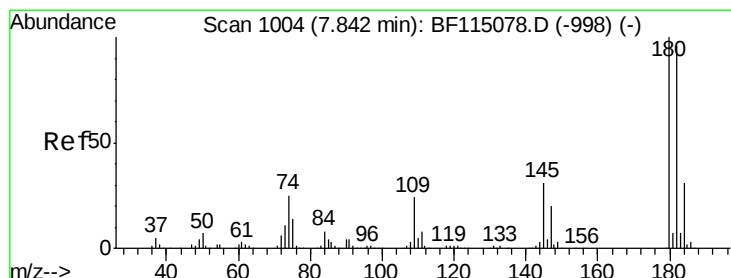
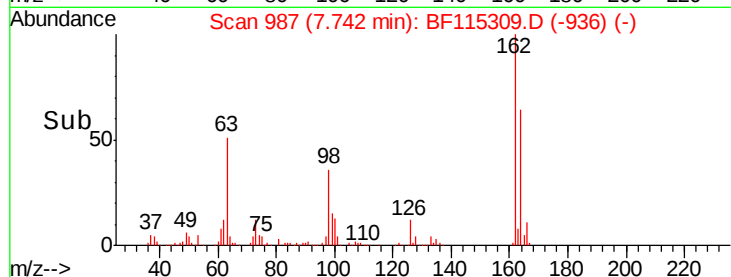
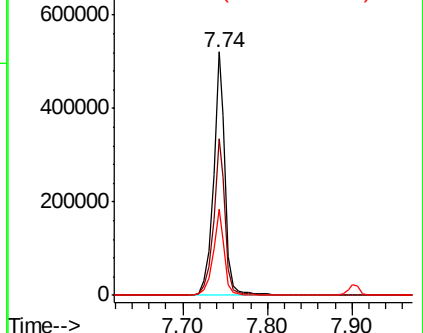
98 35.6 12.5 52.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 44.700 ng

RT: 7.82 min Scan# 1001

Delta R.T. 0.00 min

Lab File: BF115309.D

Acq: 29 Jun 2019 8:48

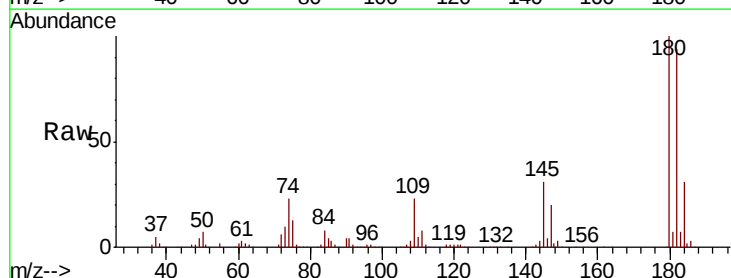
Tgt Ion:180 Resp: 556443

Ion Ratio Lower Upper

180 100

182 94.1 76.4 114.6

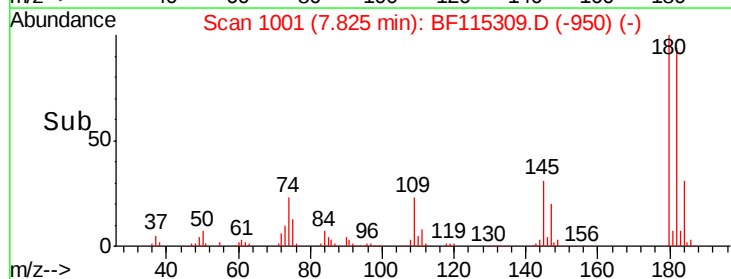
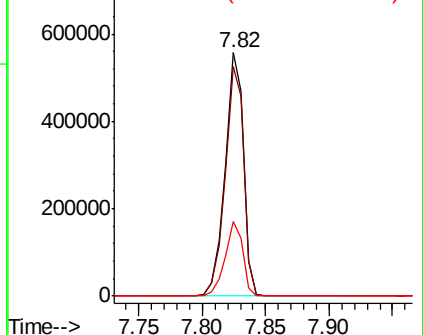
145 30.7 24.8 37.2

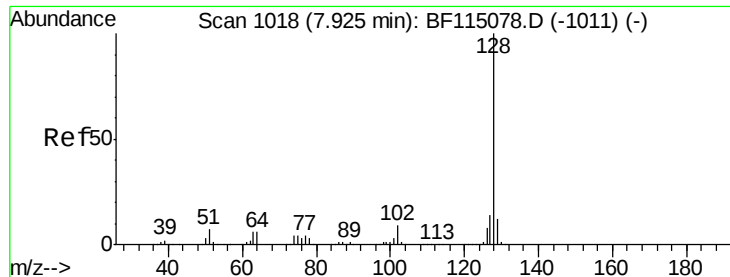


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

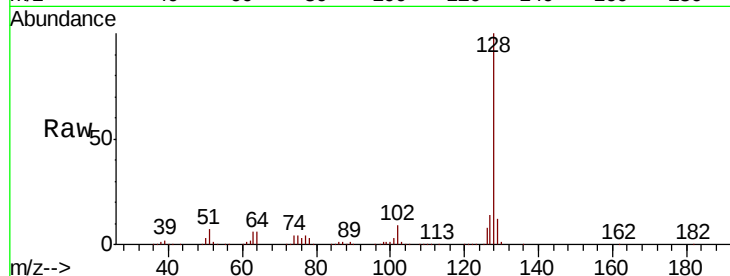




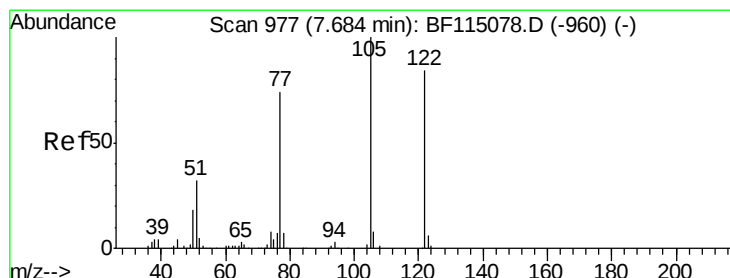
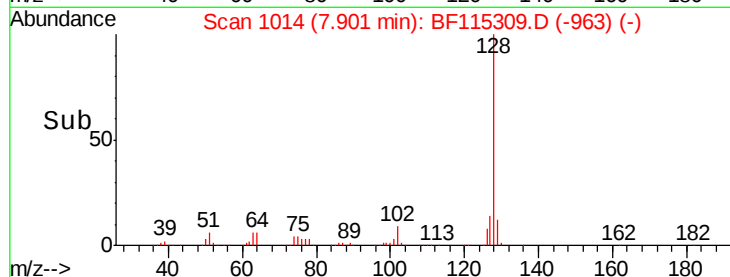
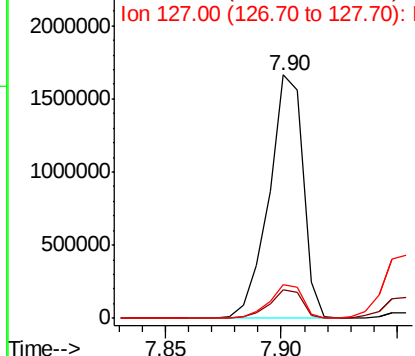
#31
Naphthalene
Concen: 45.899 ng
RT: 7.90 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF115309.D
Acq: 29 Jun 2019 8:48

Instrument :
BNA_F
ClientSampleId :
PB121004BS

Tgt Ion:128 Resp: 1699129
Ion Ratio Lower Upper
128 100
129 11.8 9.6 14.4
127 13.8 11.4 17.0

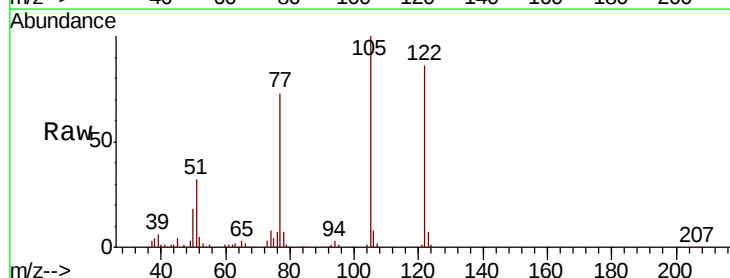


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

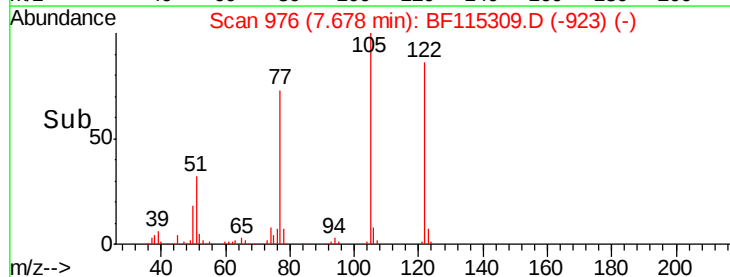
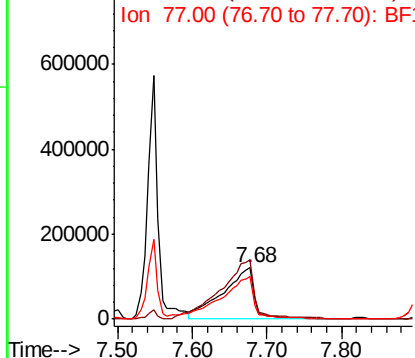


#32
Benzoic acid
Concen: 45.850 ng
RT: 7.68 min Scan# 976
Delta R.T. 0.01 min
Lab File: BF115309.D
Acq: 29 Jun 2019 8:48

Tgt Ion:122 Resp: 357409
Ion Ratio Lower Upper
122 100
105 116.1 98.2 138.2
77 84.9 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

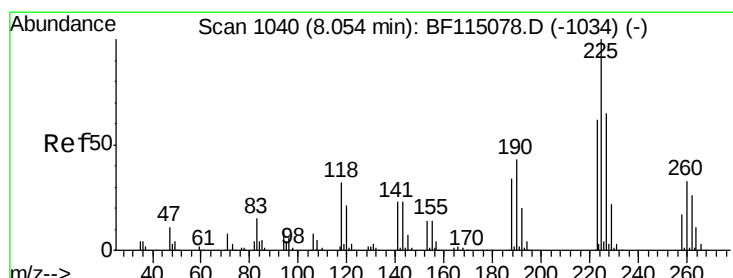
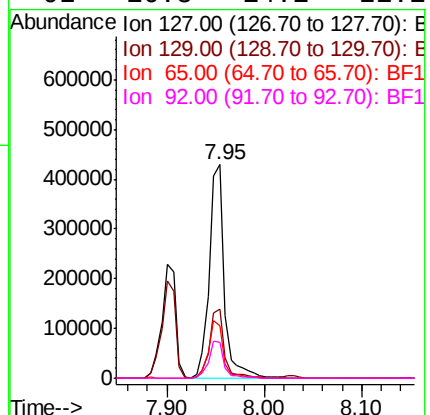
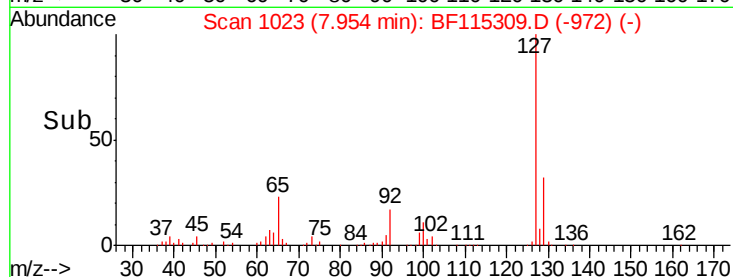
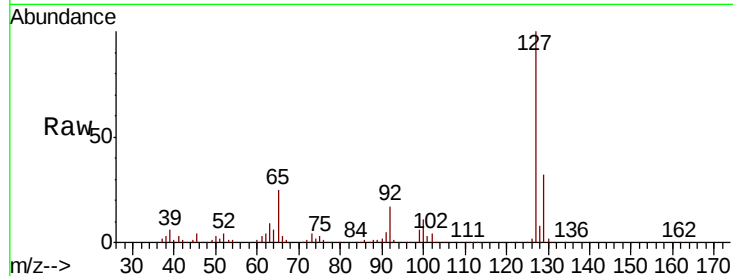




#33
4-Chloroaniline
Concen: 27.355 ng
RT: 7.95 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF115309.D
Acq: 29 Jun 2019 8:48

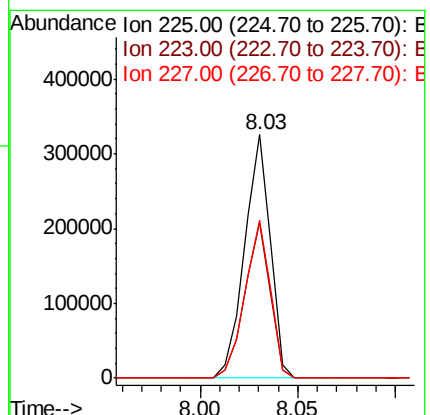
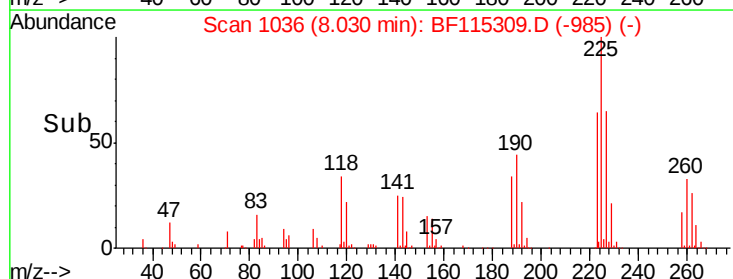
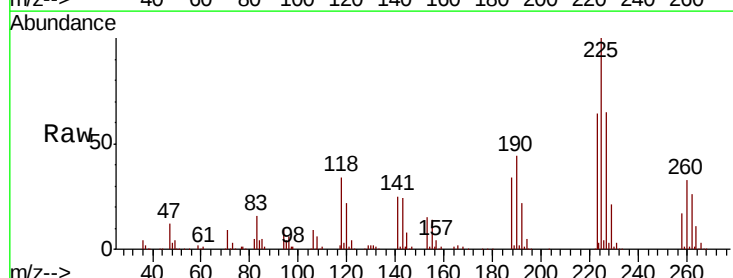
Instrument :
BNA_F
ClientSampleId :
PB121004BS

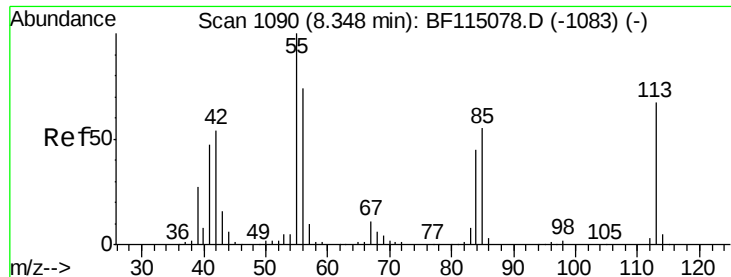
Tgt Ion:	127	Resp:	462809
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.1	39.1
65	24.6	21.4	32.2
92	16.8	14.1	21.1



#34
Hexachlorobutadiene
Concen: 43.409 ng
RT: 8.03 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF115309.D
Acq: 29 Jun 2019 8:48

Tgt Ion:	225	Resp:	296123
Ion	Ratio	Lower	Upper
225	100		
223	63.6	49.4	74.2
227	65.0	51.8	77.8

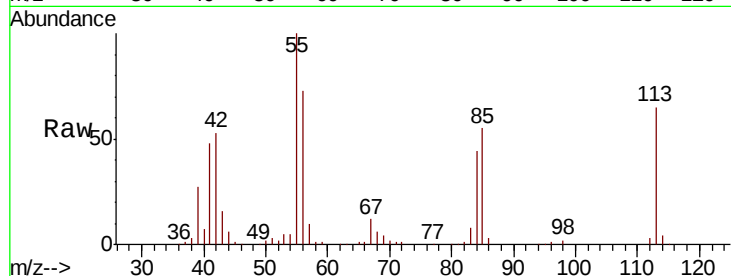




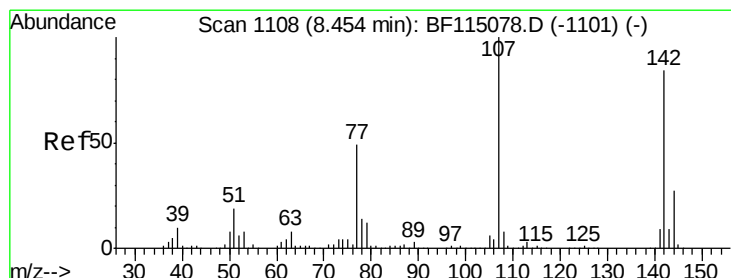
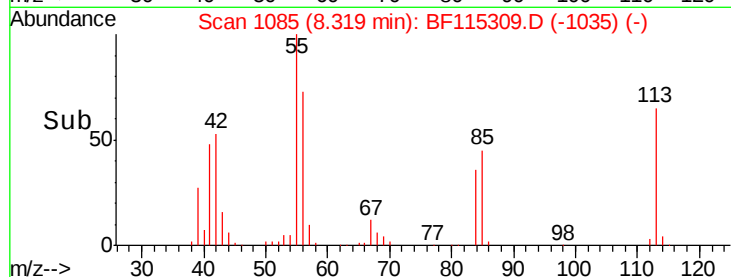
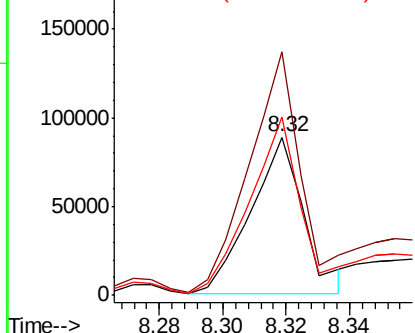
#35
 Caprolactam
 Concen: 26.828 ng
 RT: 8.32 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: BF115309.D
 Acq: 29 Jun 2019 8:48

Instrument :
 BNA_F
 ClientSampleId :
 PB121004BS

Tgt Ion:113 Resp: 101652
 Ion Ratio Lower Upper
 113 100
 55 154.2 130.2 170.2
 56 112.6 91.6 131.6

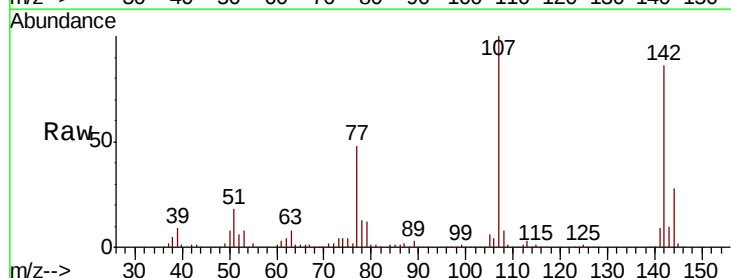


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

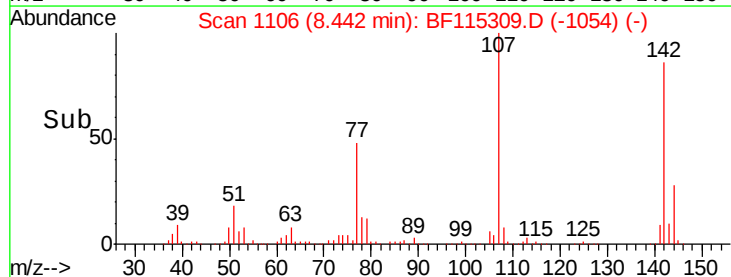
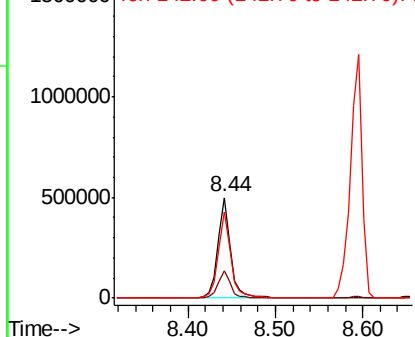


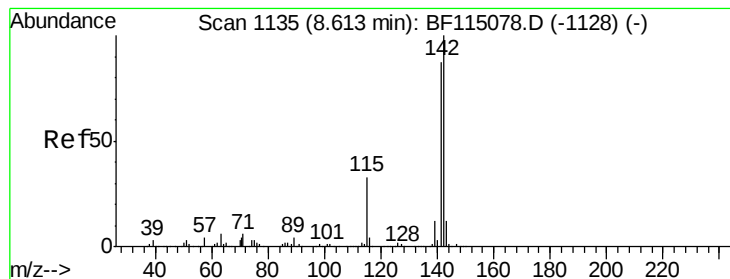
#36
 4-Chloro-3-methylphenol
 Concen: 44.787 ng
 RT: 8.44 min Scan# 1106
 Delta R.T. 0.01 min
 Lab File: BF115309.D
 Acq: 29 Jun 2019 8:48

Tgt Ion:107 Resp: 511158
 Ion Ratio Lower Upper
 107 100
 144 27.7 21.7 32.5
 142 85.8 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: 45.662 ng

RT: 8.60 min Scan# 1132

Delta R.T. 0.01 min

Lab File: BF115309.D

Acq: 29 Jun 2019 8:48

Instrument :

BNA_F

ClientSampleId :

PB121004BS

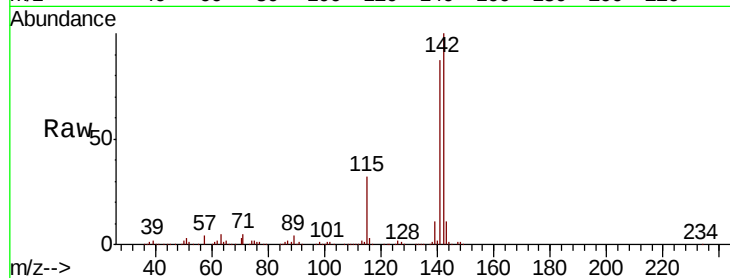
Tgt Ion:142 Resp: 1139734

Ion Ratio Lower Upper

142 100

141 87.2 69.8 104.6

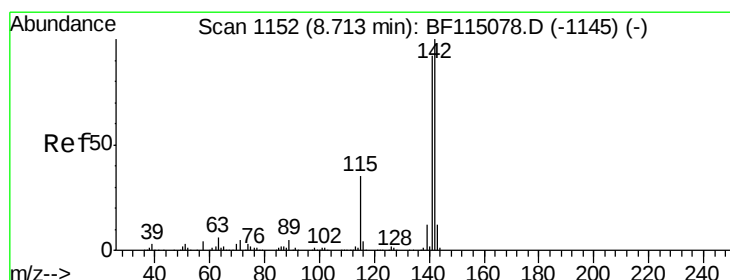
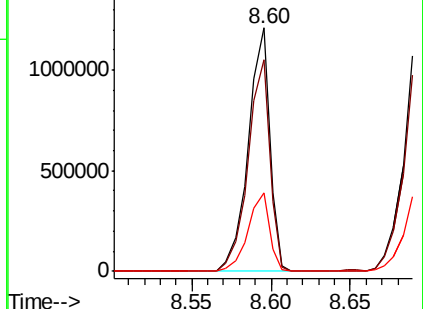
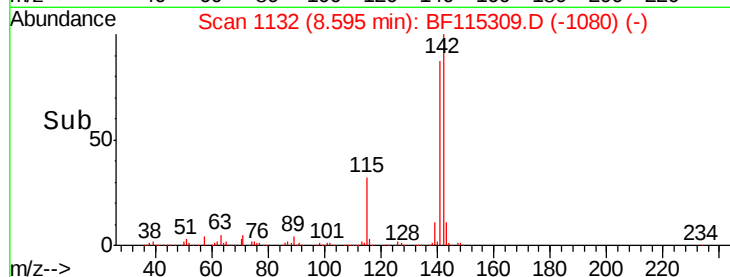
115 32.1 26.7 40.1



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: 44.762 ng

RT: 8.69 min Scan# 1148

Delta R.T. 0.00 min

Lab File: BF115309.D

Acq: 29 Jun 2019 8:48

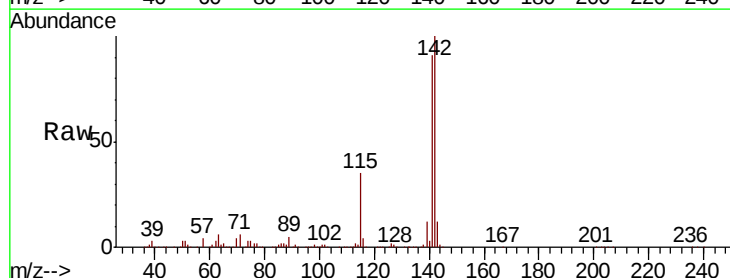
Tgt Ion:142 Resp: 1067057

Ion Ratio Lower Upper

142 100

141 91.3 73.8 110.8

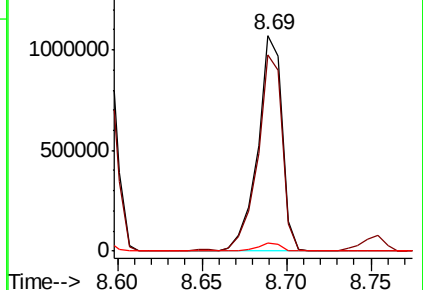
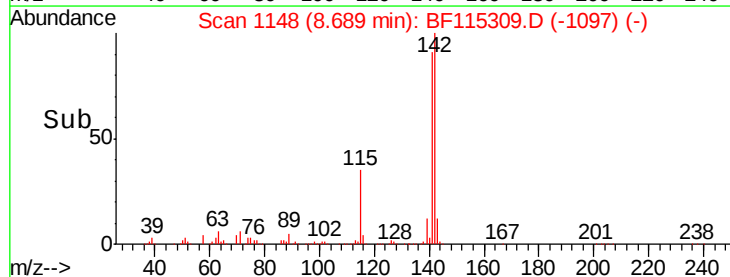
116 3.7 2.8 4.2

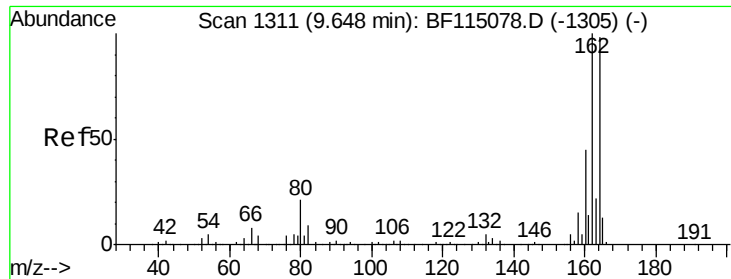


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

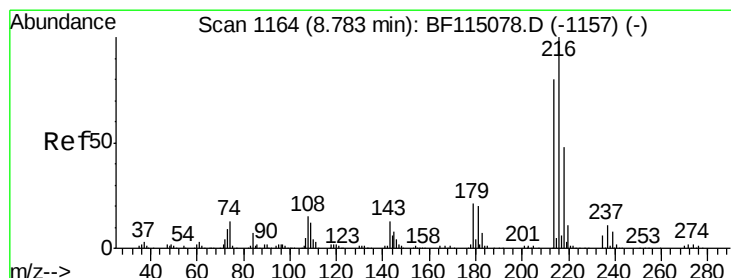
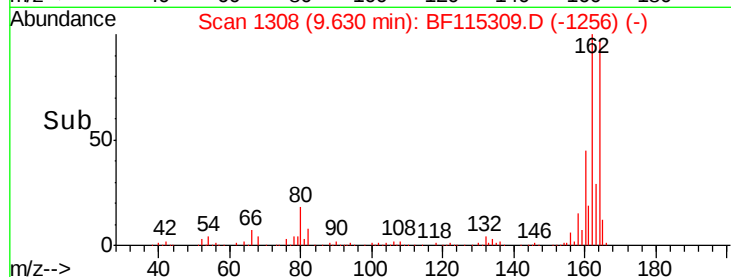
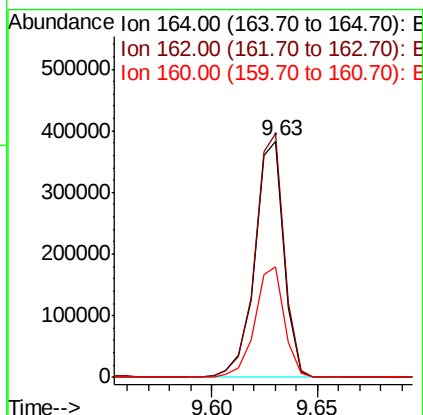
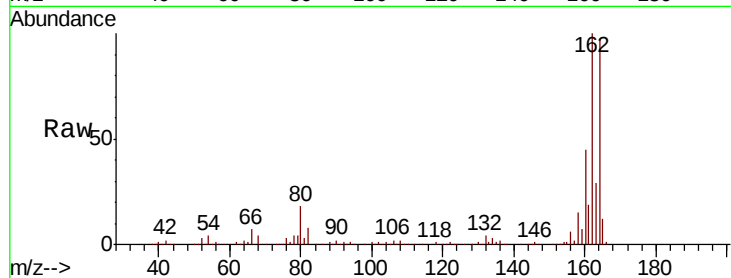




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.63 min Scan# 1308
 Delta R.T. 0.01 min
 Lab File: BF115309.D
 Acq: 29 Jun 2019 8:48

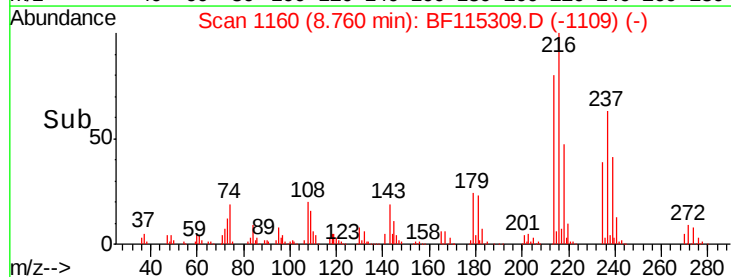
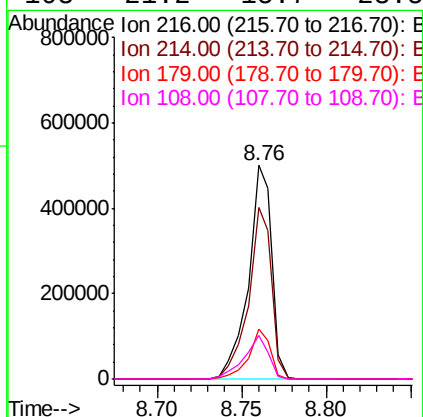
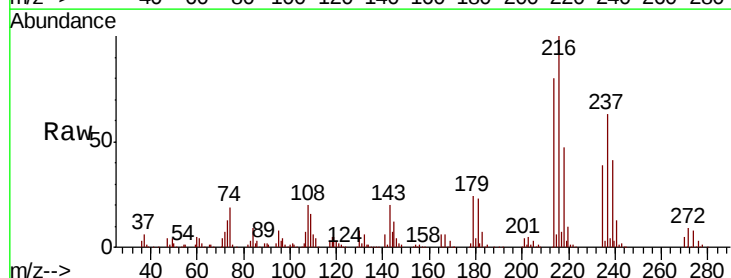
Instrument :
 BNA_F
 ClientSampleId :
 PB121004BS

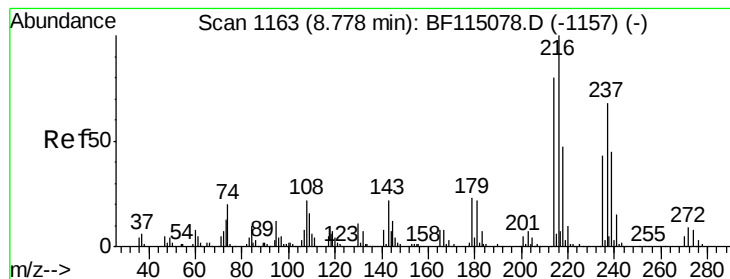
Tgt Ion:164 Resp: 366731
 Ion Ratio Lower Upper
 164 100
 162 103.1 81.7 122.5
 160 46.6 37.0 55.4



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.815 ng
 RT: 8.76 min Scan# 1160
 Delta R.T. 0.00 min
 Lab File: BF115309.D
 Acq: 29 Jun 2019 8:48

Tgt Ion:216 Resp: 485150
 Ion Ratio Lower Upper
 216 100
 214 79.0 63.8 95.6
 179 22.1 17.6 26.4
 108 21.2 15.7 23.5





#41

Hexachlorocyclopentadiene

Concen: 94.656 ng

RT: 8.75 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BF115309.D

Acq: 29 Jun 2019 8:48

Instrument :

BNA_F

ClientSampleId :

PB121004BS

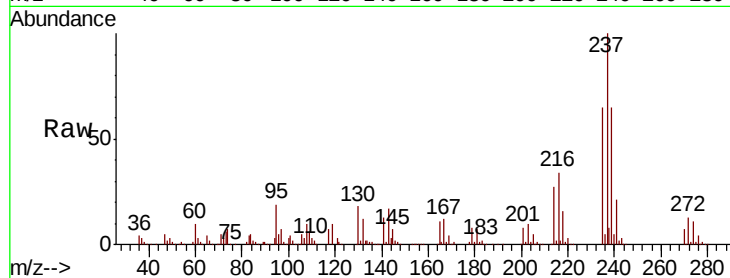
Tgt Ion: 237 Resp: 581659

Ion Ratio Lower Upper

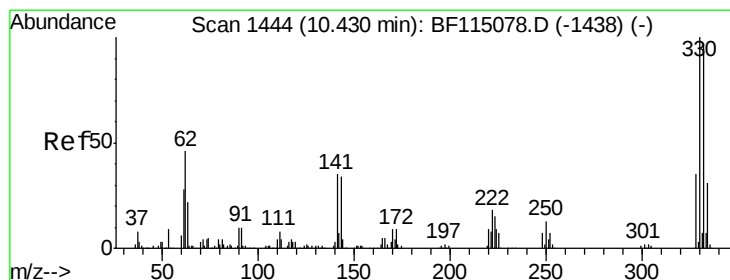
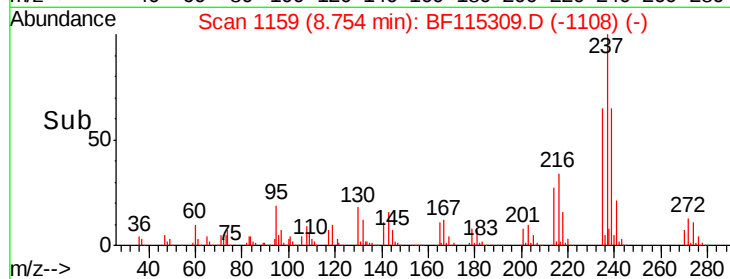
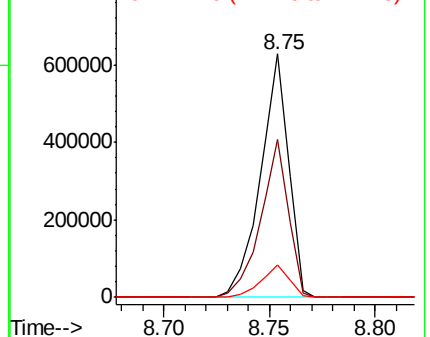
237 100

235 64.6 43.9 83.9

272 13.4 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: 135.111 ng

RT: 10.41 min Scan# 1441

Delta R.T. 0.01 min

Lab File: BF115309.D

Acq: 29 Jun 2019 8:48

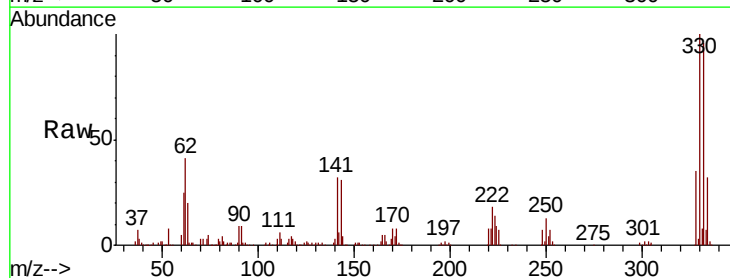
Tgt Ion: 330 Resp: 522515

Ion Ratio Lower Upper

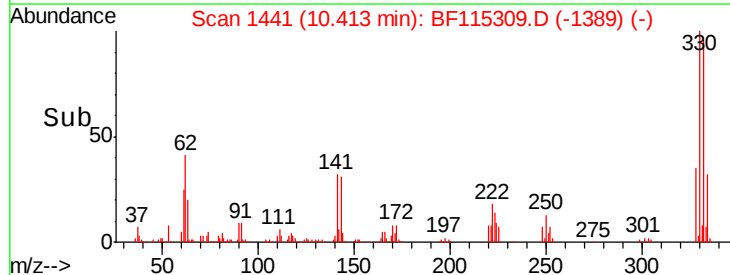
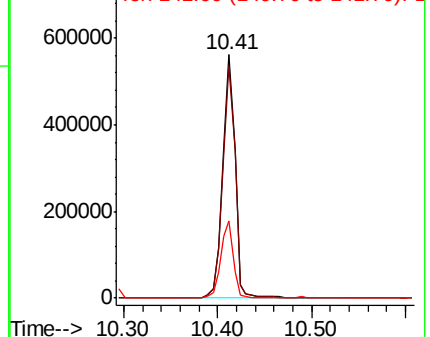
330 100

332 96.6 77.3 115.9

141 32.1 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

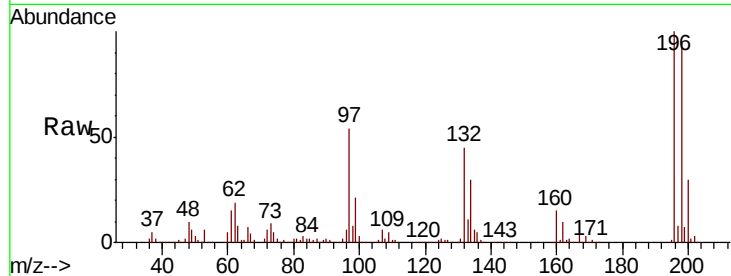




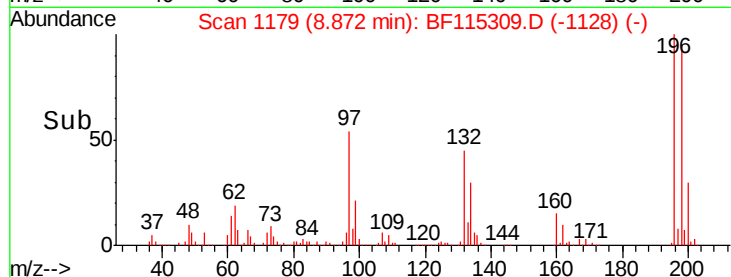
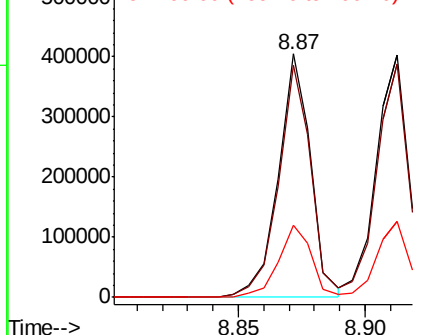
#43
 2,4,6-Trichlorophenol
 Concen: 45.037 ng
 RT: 8.87 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: BF115309.D
 Acq: 29 Jun 2019 8:48

Instrument :
 BNA_F
 ClientSampleID :
 PB121004BS

Tgt Ion:	196	Resp:	360325
Ion	Ratio	Lower	Upper
196	100		
198	95.4	76.3	114.5
200	29.7	24.2	36.4

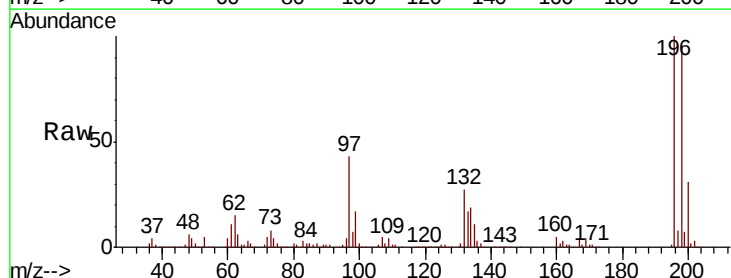


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

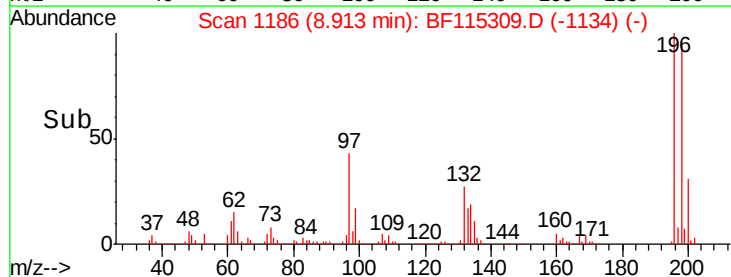
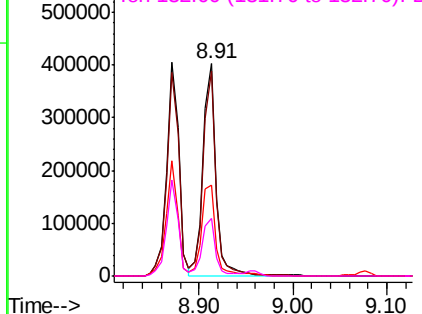


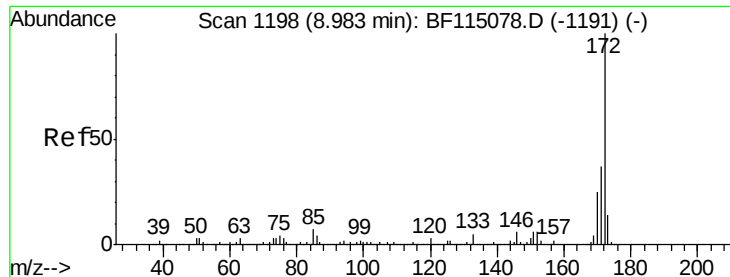
#44
 2,4,5-Trichlorophenol
 Concen: 47.195 ng
 RT: 8.91 min Scan# 1186
 Delta R.T. 0.01 min
 Lab File: BF115309.D
 Acq: 29 Jun 2019 8:48

Tgt Ion:	196	Resp:	388850
Ion	Ratio	Lower	Upper
196	100		
198	96.4	77.1	115.7
97	42.5	37.7	56.5
132	27.1	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

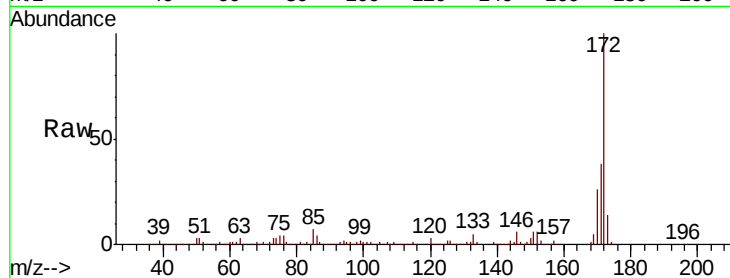




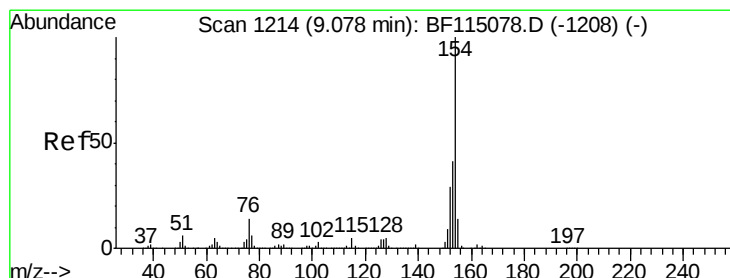
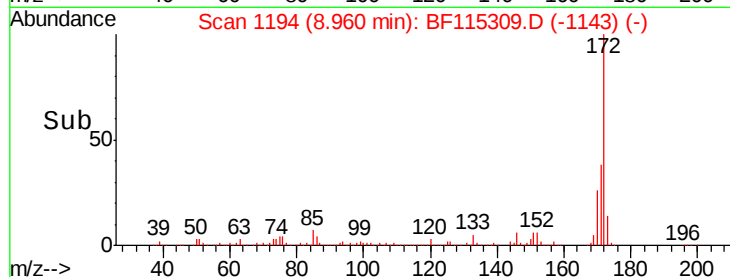
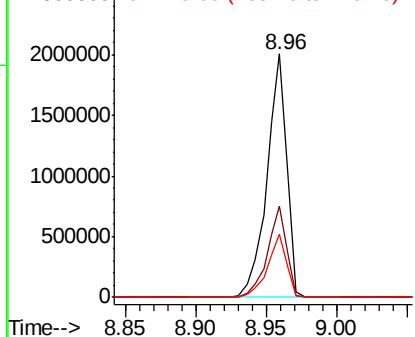
#45
2-Fluorobiphenyl
Concen: 91.295 ng
RT: 8.96 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BF115309.D
Acq: 29 Jun 2019 8:48

Instrument :
BNA_F
ClientSampleId :
PB121004BS

Tgt Ion:172 Resp: 1971058
Ion Ratio Lower Upper
172 100
171 37.6 29.8 44.6
170 25.7 20.3 30.5

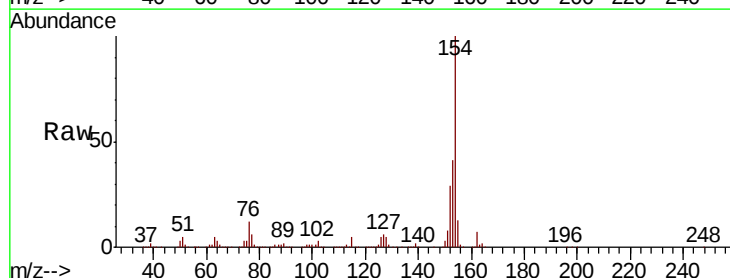


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

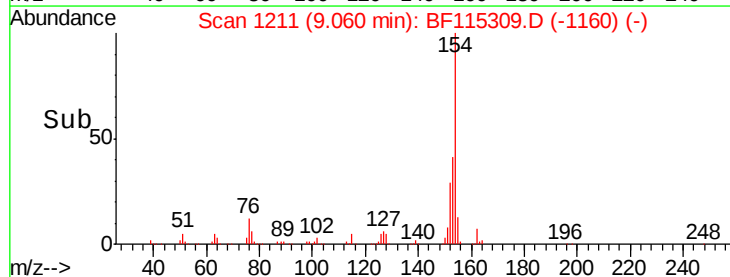
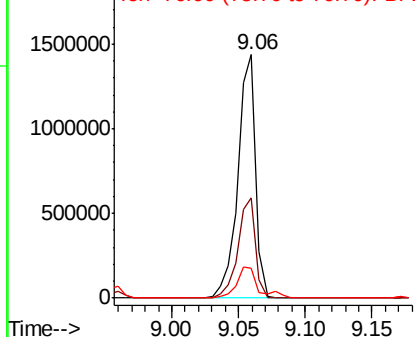


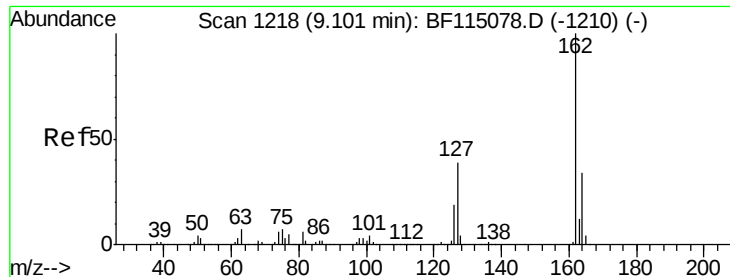
#46
1,1'-Biphenyl
Concen: 45.354 ng
RT: 9.06 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF115309.D
Acq: 29 Jun 2019 8:48

Tgt Ion:154 Resp: 1330854
Ion Ratio Lower Upper
154 100
153 41.0 20.9 60.9
76 12.0 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

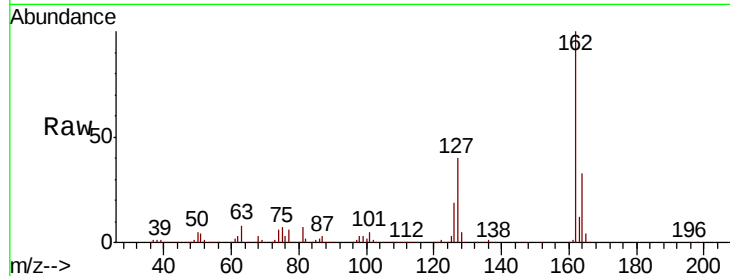




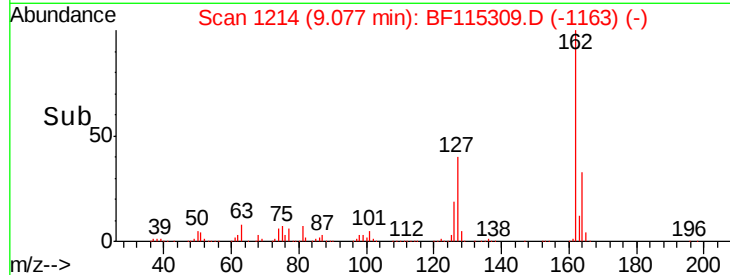
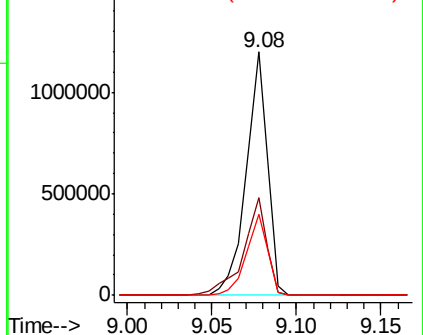
#47
 2-Chloronaphthalene
 Concen: 44.658 ng
 RT: 9.08 min Scan# 1214
 Delta R.T. 0.00 min
 Lab File: BF115309.D
 Acq: 29 Jun 2019 8:48

Instrument :
 BNA_F
 ClientSampleId :
 PB121004BS

Tgt Ion: 162 Resp: 1062955
 Ion Ratio Lower Upper
 162 100
 127 40.0 30.8 46.2
 164 33.2 27.0 40.4

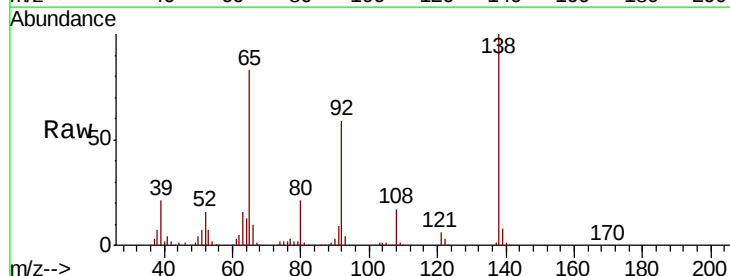


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

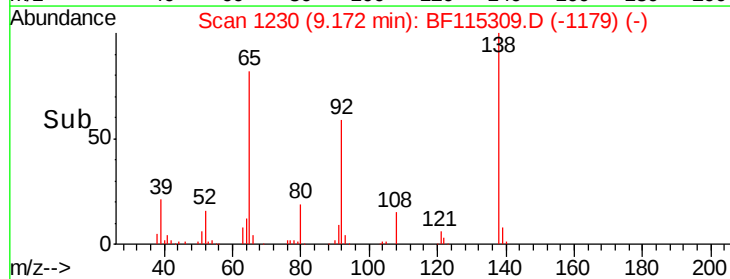
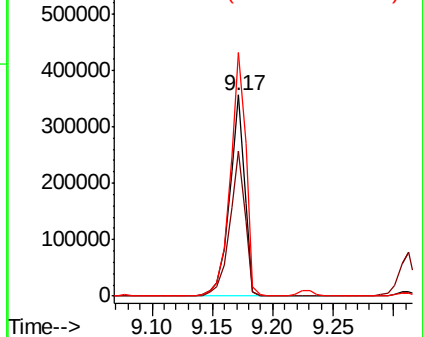


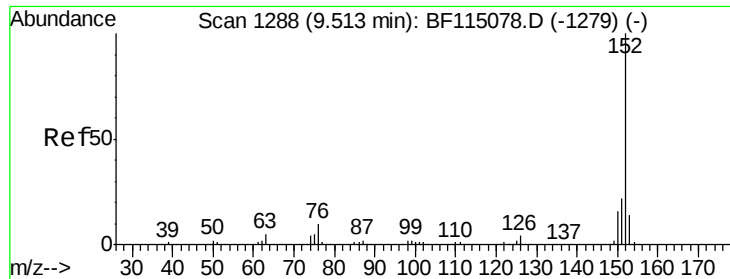
#48
 2-Nitroaniline
 Concen: 44.486 ng
 RT: 9.17 min Scan# 1230
 Delta R.T. 0.00 min
 Lab File: BF115309.D
 Acq: 29 Jun 2019 8:48

Tgt Ion: 65 Resp: 308702
 Ion Ratio Lower Upper
 65 100
 92 72.0 57.4 86.2
 138 121.1 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: 45.356 ng

RT: 9.49 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BF115309.D

Acq: 29 Jun 2019 8:48

Instrument :

BNA_F

ClientSampleId :

PB121004BS

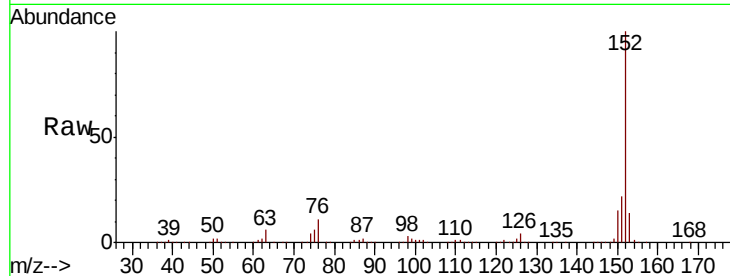
Tgt Ion:152 Resp: 1682022

Ion Ratio Lower Upper

152 100

151 21.6 17.2 25.8

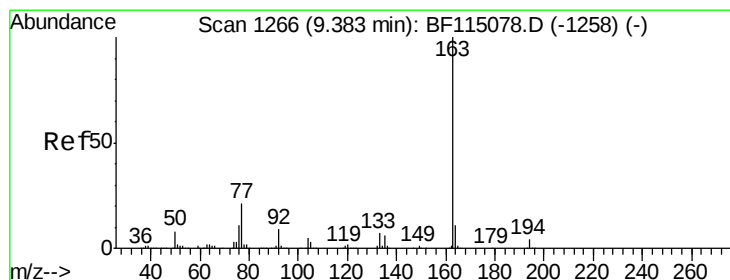
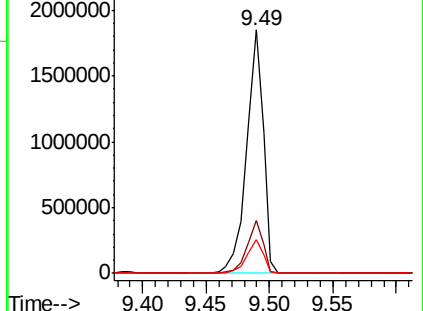
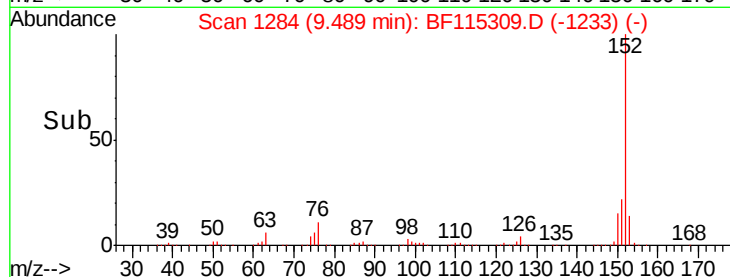
153 14.0 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 44.799 ng

RT: 9.37 min Scan# 1263

Delta R.T. 0.01 min

Lab File: BF115309.D

Acq: 29 Jun 2019 8:48

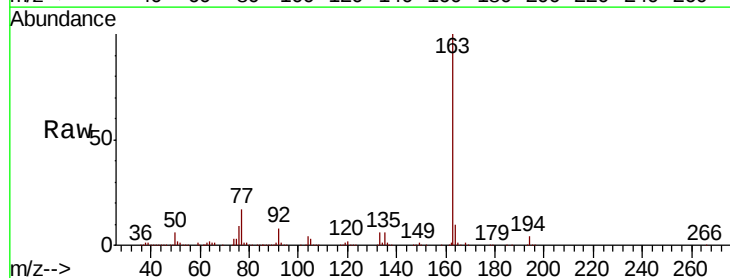
Tgt Ion:163 Resp: 1208727

Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

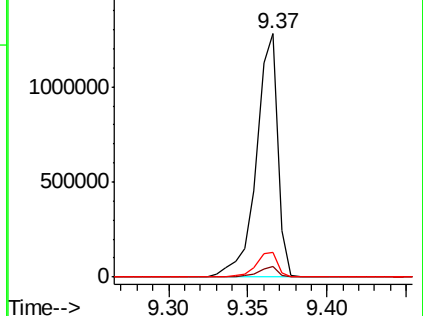
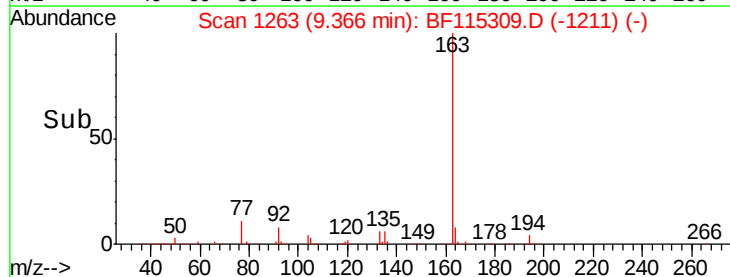
164 10.3 8.6 13.0

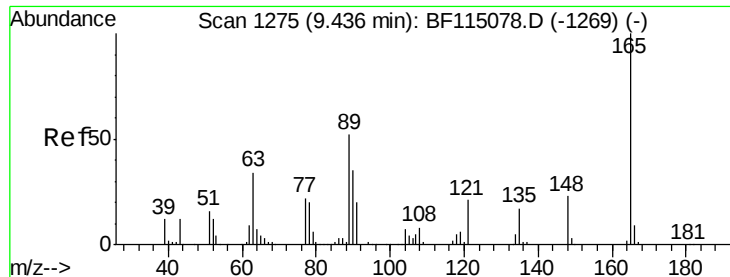


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

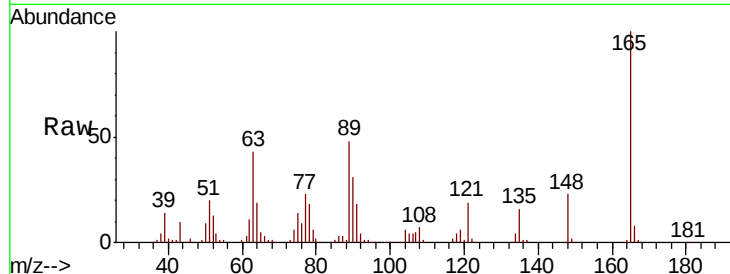




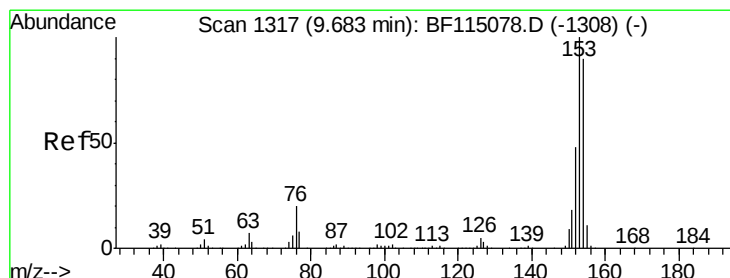
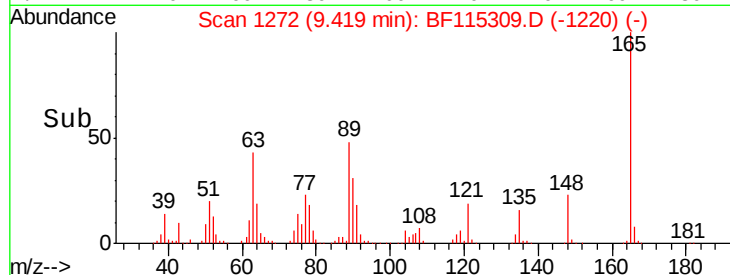
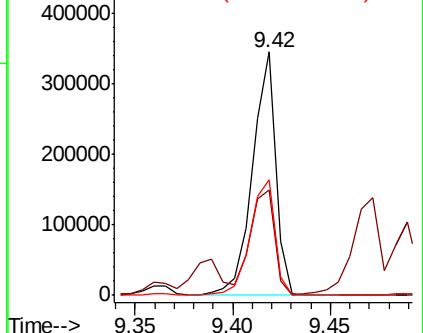
#51
 2,6-Dinitrotoluene
 Concen: 45.929 ng
 RT: 9.42 min Scan# 1272
 Delta R.T. 0.01 min
 Lab File: BF115309.D
 Acq: 29 Jun 2019 8:48

Instrument :
 BNA_F
 ClientSampleId :
 PB121004BS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	43.5	39.4	59.2
89	47.5	42.0	63.0

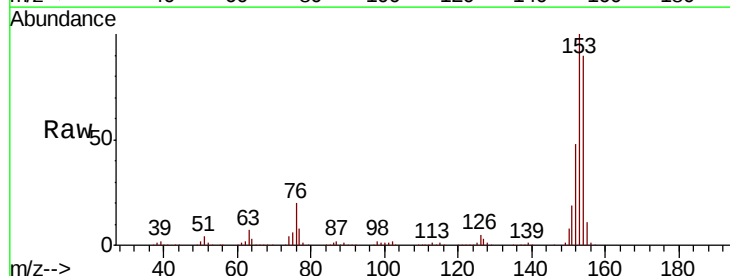


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

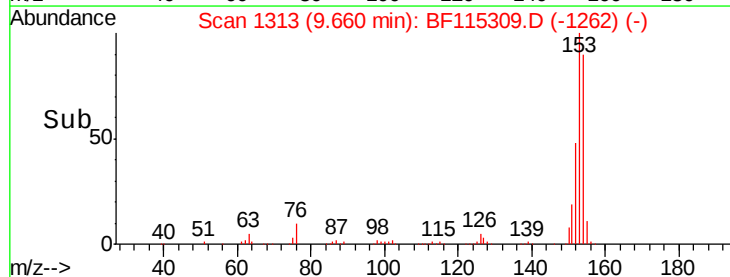
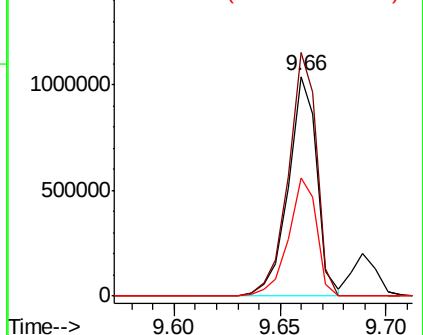


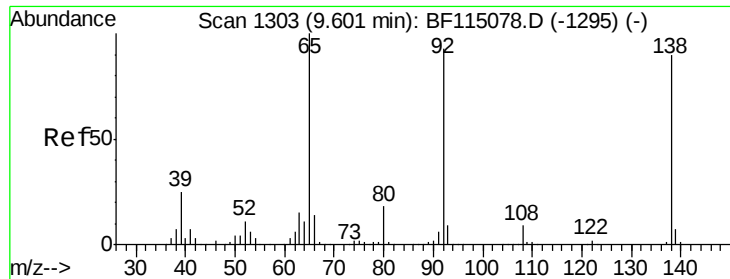
#52
 Acenaphthene
 Concen: 42.488 ng
 RT: 9.66 min Scan# 1313
 Delta R.T. 0.00 min
 Lab File: BF115309.D
 Acq: 29 Jun 2019 8:48

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.0	88.7	133.1
152	53.7	42.6	64.0



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

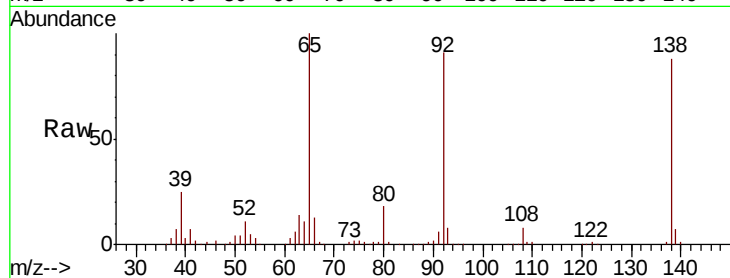




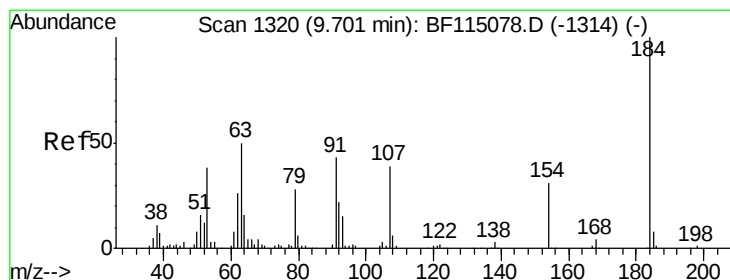
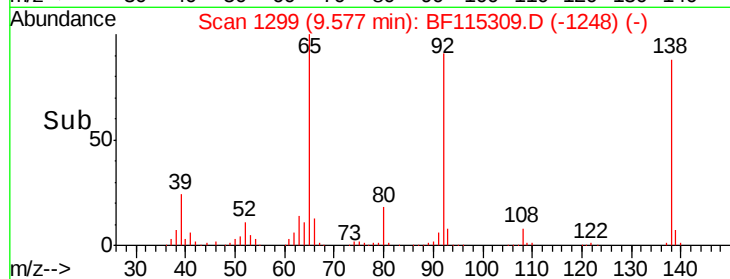
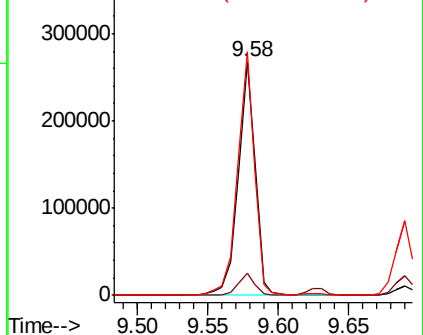
#53
 3-Nitroaniline
 Concen: 29.600 ng
 RT: 9.58 min Scan# 1299
 Delta R.T. 0.00 min
 Lab File: BF115309.D
 Acq: 29 Jun 2019 8:48

Instrument :
 BNA_F
 ClientSampleId :
 PB121004BS

Tgt Ion:138 Resp: 225006
 Ion Ratio Lower Upper
 138 100
 108 9.3 7.8 11.6
 92 104.3 82.9 124.3

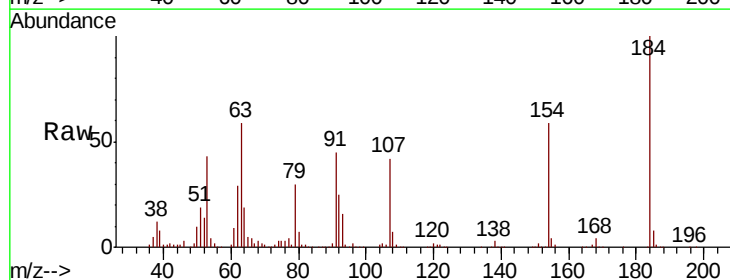


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

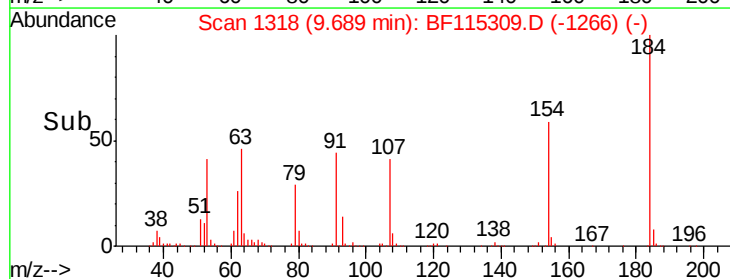
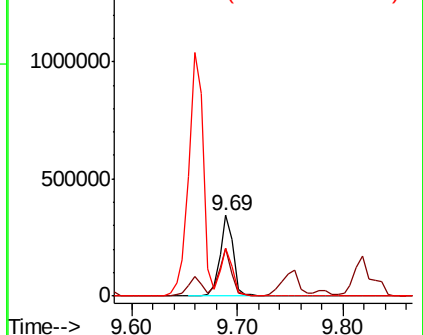


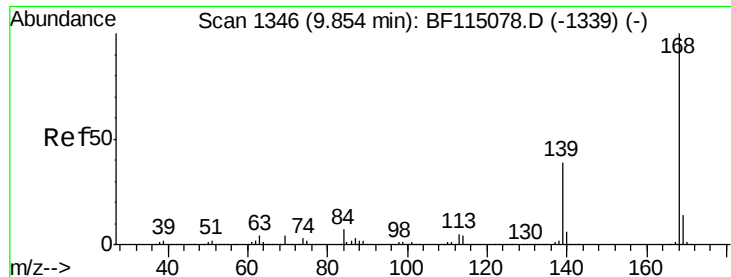
#54
 2,4-Dinitrophenol
 Concen: 95.750 ng
 RT: 9.69 min Scan# 1318
 Delta R.T. 0.01 min
 Lab File: BF115309.D
 Acq: 29 Jun 2019 8:48

Tgt Ion:184 Resp: 312009
 Ion Ratio Lower Upper
 184 100
 63 59.3 41.9 62.9
 154 58.7 44.7 67.1



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

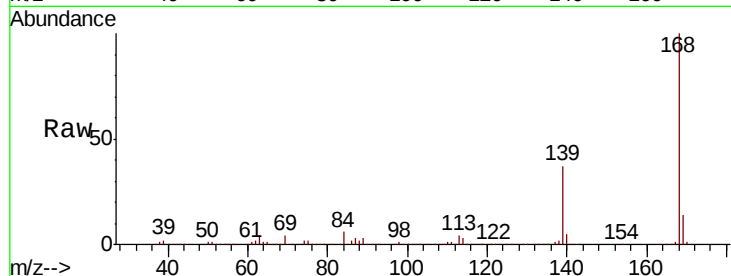




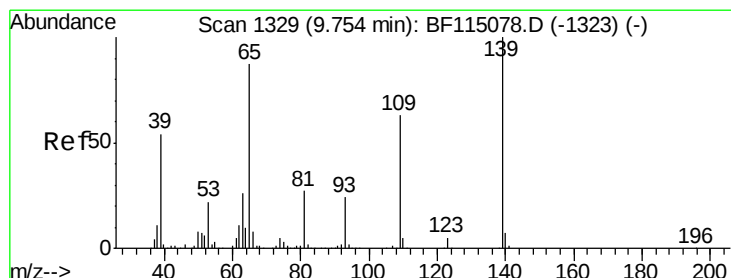
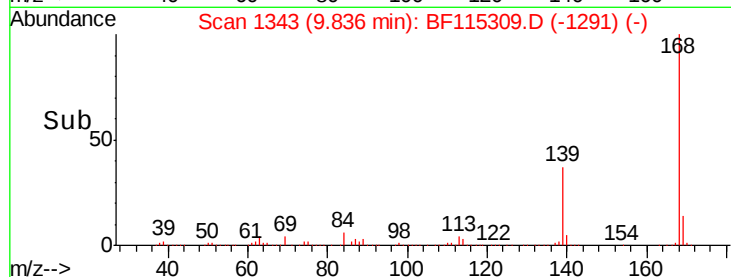
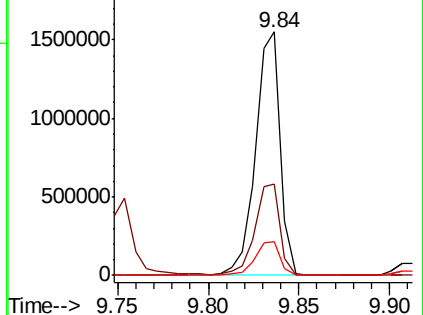
#55
Dibenzofuran
Concen: 44.007 ng
RT: 9.84 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF115309.D
Acq: 29 Jun 2019 8:48

Instrument :
BNA_F
ClientSampleId :
PB121004BS

Tgt Ion:168 Resp: 1465706
Ion Ratio Lower Upper
168 100
139 37.5 31.1 46.7
169 13.7 11.3 16.9

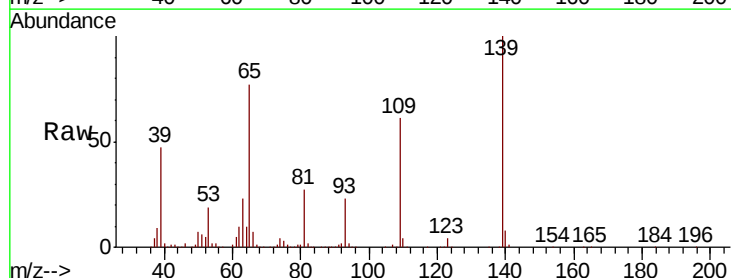


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

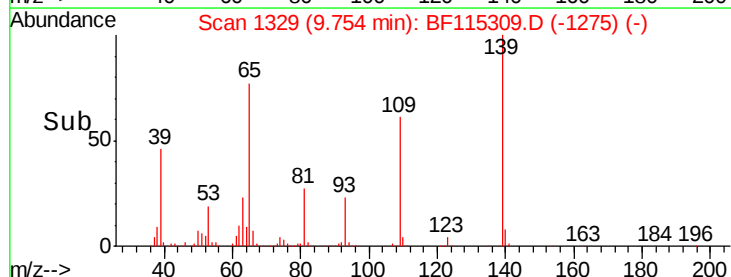
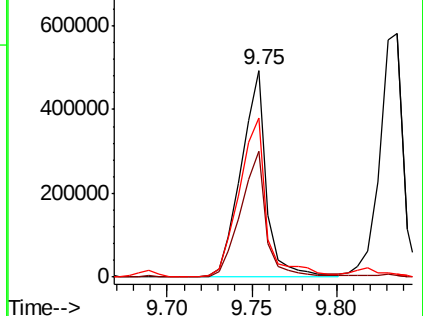


#56
4-Nitrophenol
Concen: 85.569 ng
RT: 9.75 min Scan# 1329
Delta R.T. 0.02 min
Lab File: BF115309.D
Acq: 29 Jun 2019 8:48

Tgt Ion:139 Resp: 521475
Ion Ratio Lower Upper
139 100
109 61.2 43.0 83.0
65 77.1 67.0 107.0



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

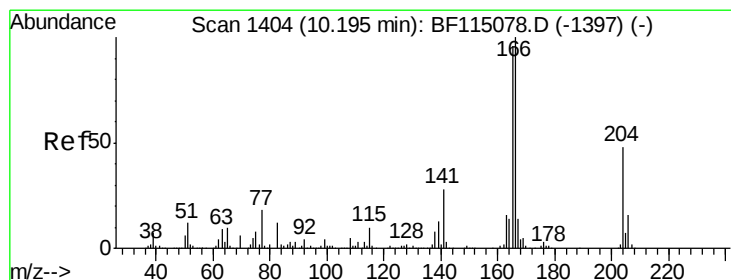
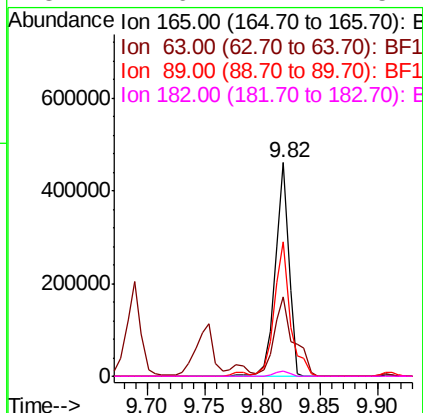
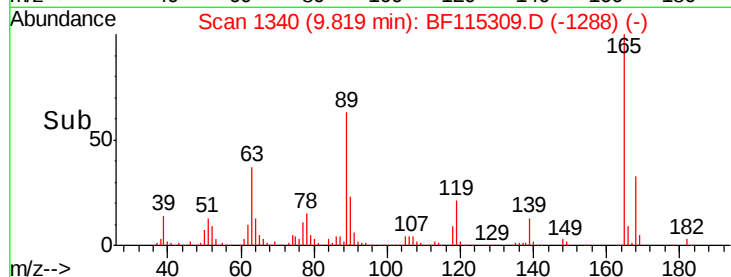
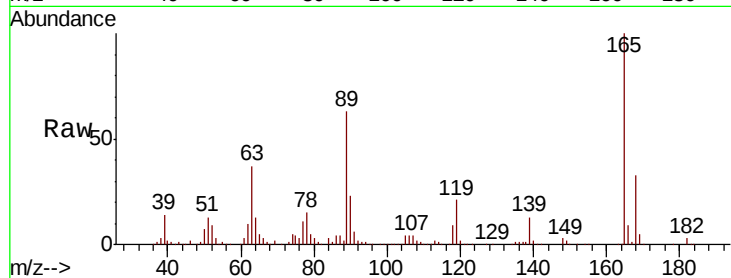




#57
 2,4-Dinitrotoluene
 Concen: 46.835 ng
 RT: 9.82 min Scan# 1340
 Delta R.T. 0.01 min
 Lab File: BF115309.D
 Acq: 29 Jun 2019 8:48

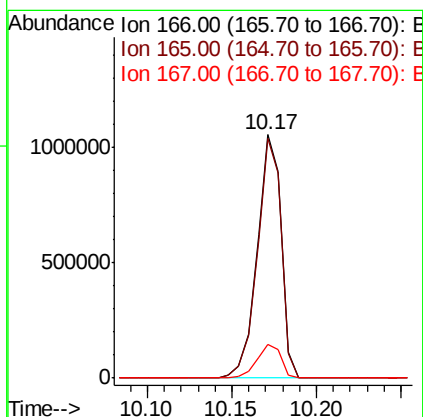
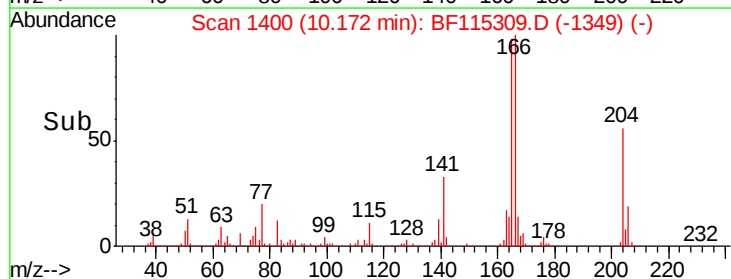
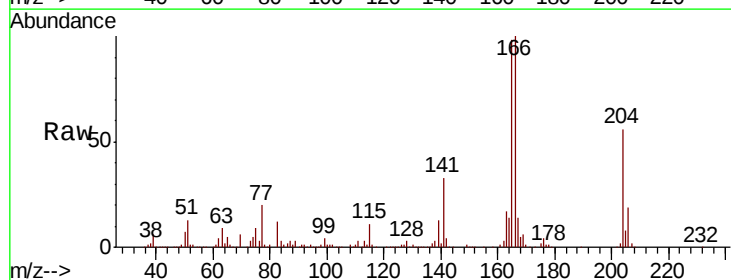
Instrument :
 BNA_F
 ClientSampleId :
 PB121004BS

Tgt Ion:	165	Resp:	376701
Ion	Ratio	Lower	Upper
165	100		
63	37.3	27.5	41.3
89	63.2	49.9	74.9
182	2.6	2.1	3.1



#58
 Fluorene
 Concen: 47.372 ng
 RT: 10.17 min Scan# 1400
 Delta R.T. 0.00 min
 Lab File: BF115309.D
 Acq: 29 Jun 2019 8:48

Tgt Ion:	166	Resp:	1042789
Ion	Ratio	Lower	Upper
166	100		
165	98.4	76.5	114.7
167	14.0	11.0	16.4

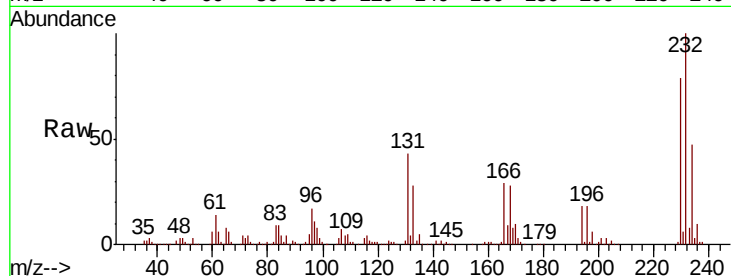




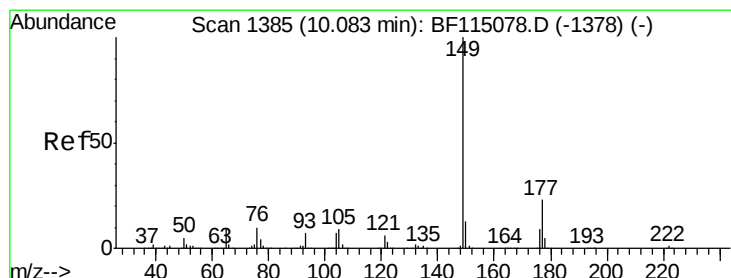
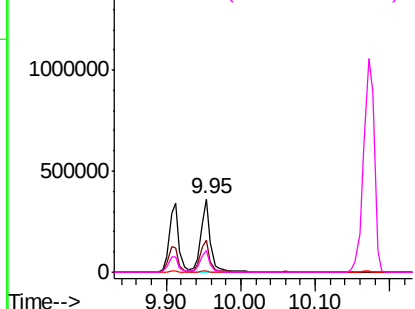
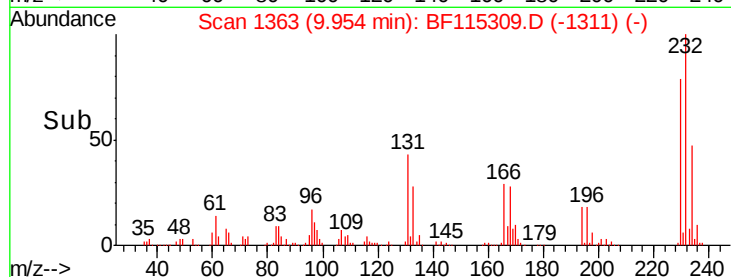
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.275 ng
 RT: 9.95 min Scan# 1363
 Delta R.T. 0.01 min
 Lab File: BF115309.D
 Acq: 29 Jun 2019 8:48

Instrument :
 BNA_F
 ClientSampleId :
 PB121004BS

Tgt Ion	Ratio	Lower	Upper
232	100		
131	44.7	37.4	56.0
130	2.0	1.8	2.6
166	29.0	24.6	36.8

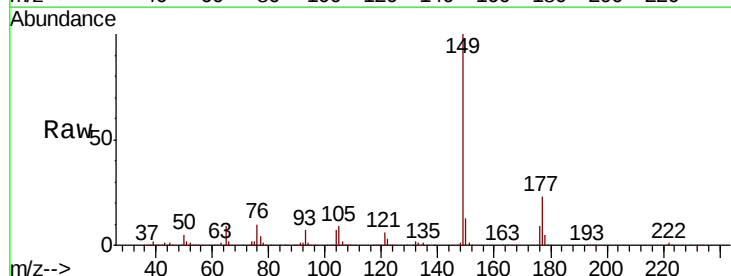


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

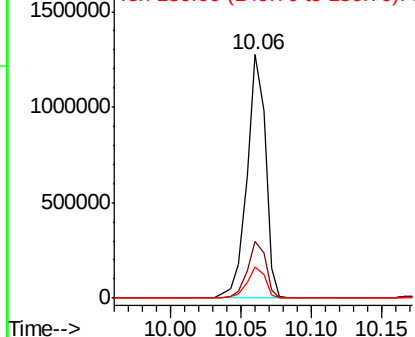
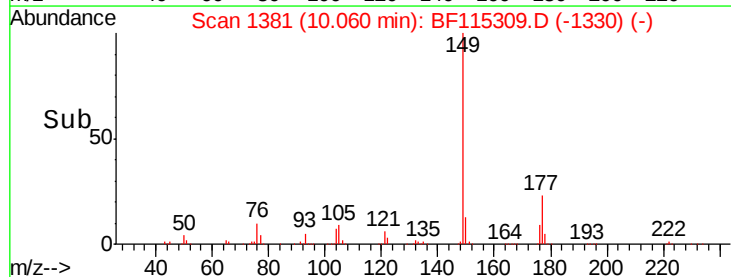


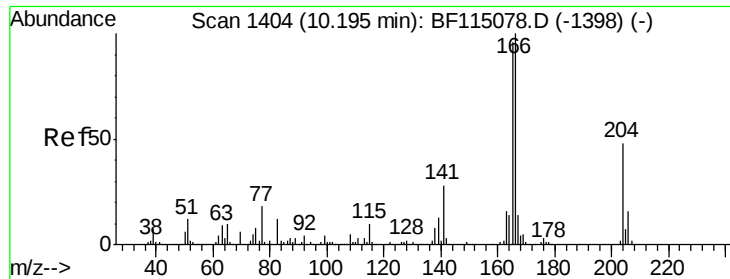
#60
 Diethylphthalate
 Concen: 43.237 ng
 RT: 10.06 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: BF115309.D
 Acq: 29 Jun 2019 8:48

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.2	18.7	28.1
150	12.9	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

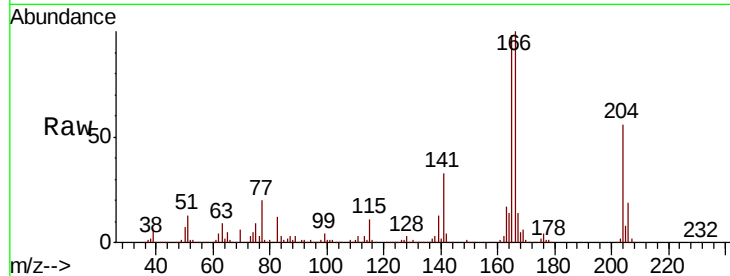




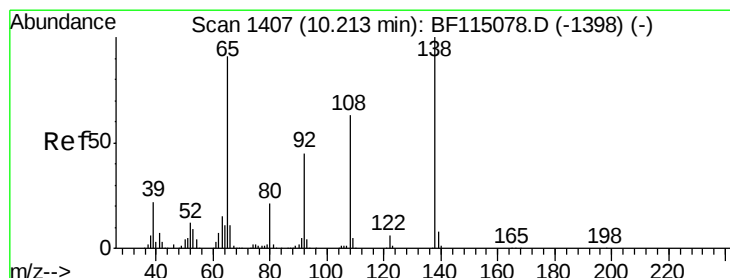
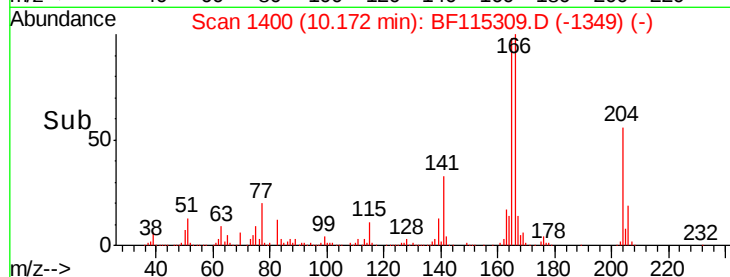
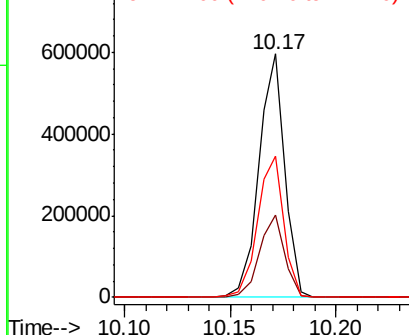
#61
4-Chlorophenyl-phenylether
Concen: 48.474 ng
RT: 10.17 min Scan# 1400
Delta R.T. 0.00 min
Lab File: BF115309.D
Acq: 29 Jun 2019 8:48

Instrument :
BNA_F
ClientSampleId :
PB121004BS

Tgt Ion: 204 Resp: 505283
Ion Ratio Lower Upper
204 100
206 33.7 26.6 40.0
141 58.1 46.7 70.1

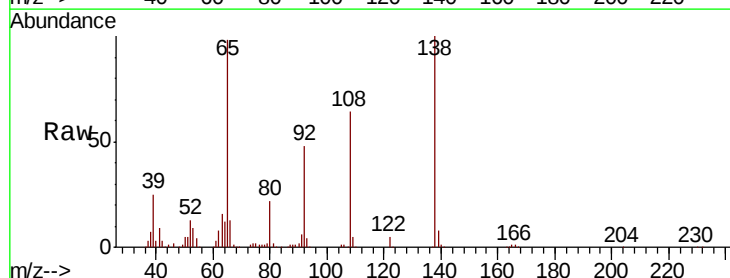


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

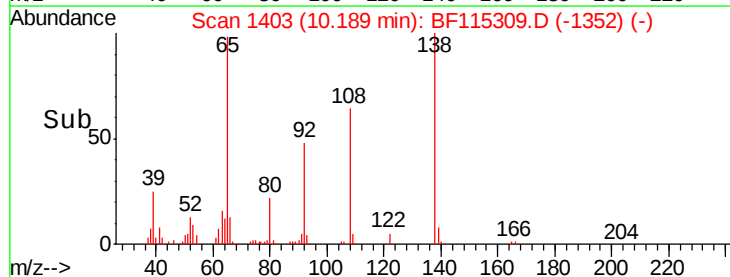
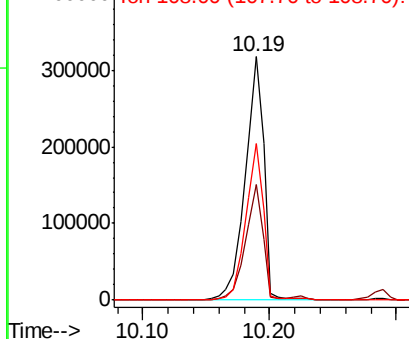


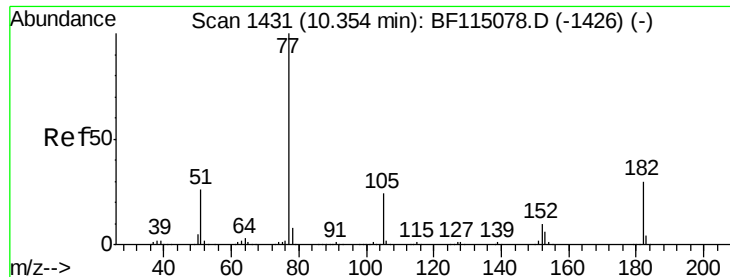
#62
4-Nitroaniline
Concen: 42.122 ng
RT: 10.19 min Scan# 1403
Delta R.T. 0.00 min
Lab File: BF115309.D
Acq: 29 Jun 2019 8:48

Tgt Ion: 138 Resp: 321220
Ion Ratio Lower Upper
138 100
92 47.7 24.8 64.8
108 64.4 43.3 83.3



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





#63

Azobenzene

Concen: 43.688 ng

RT: 10.33 min Scan# 1427

Delta R.T. 0.01 min

Lab File: BF115309.D

Acq: 29 Jun 2019 8:48

Instrument :

BNA_F

ClientSampleId :

PB121004BS

Tgt Ion: 77 Resp: 1106715

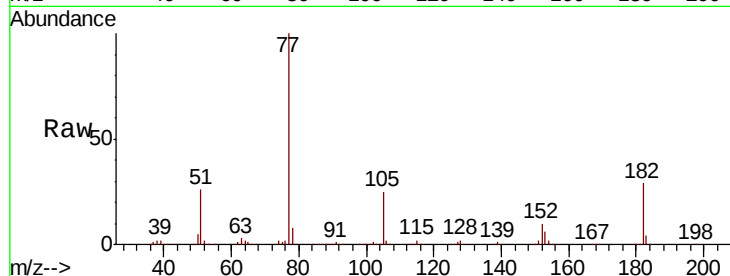
Ion Ratio Lower Upper

77 100

182 29.3 10.1 50.1

105 24.8 4.5 44.5

51 26.2 6.4 46.4



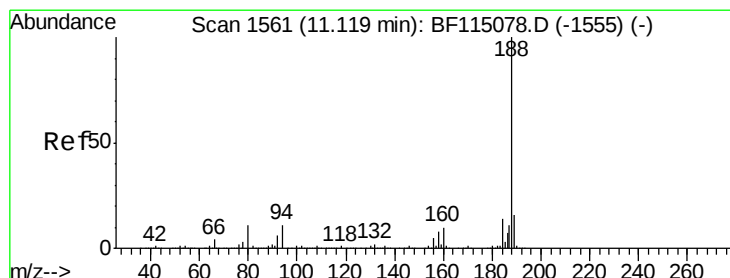
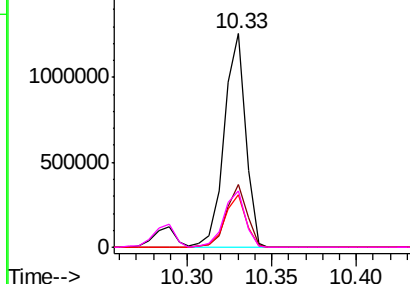
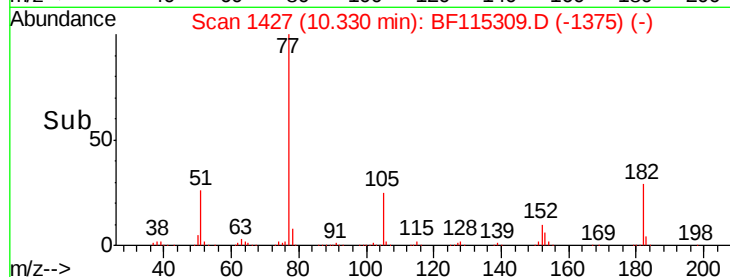
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.10 min Scan# 1558

Delta R.T. 0.01 min

Lab File: BF115309.D

Acq: 29 Jun 2019 8:48

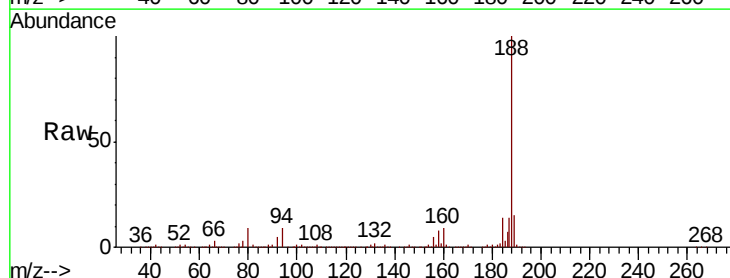
Tgt Ion: 188 Resp: 716820

Ion Ratio Lower Upper

188 100

94 9.2 8.6 12.8

80 9.5 8.8 13.2

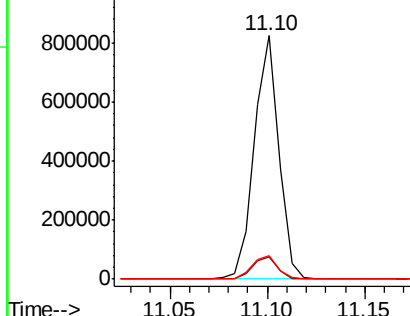
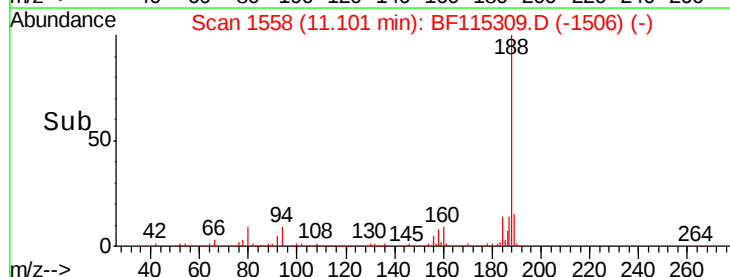


Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

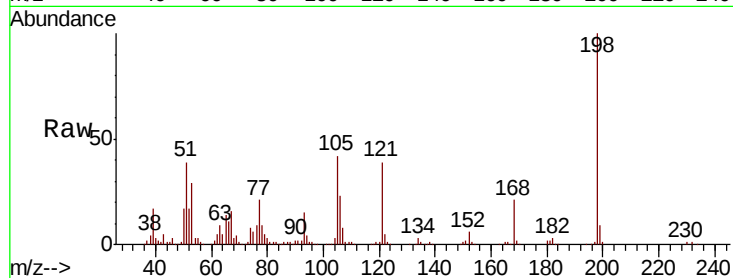




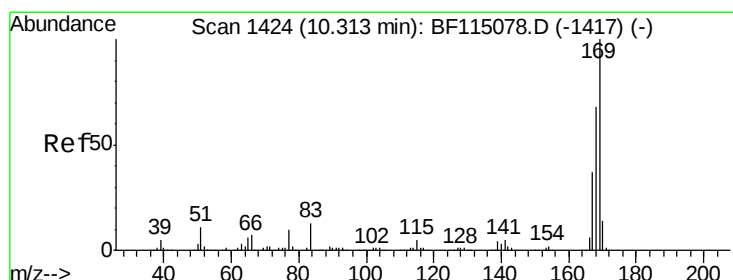
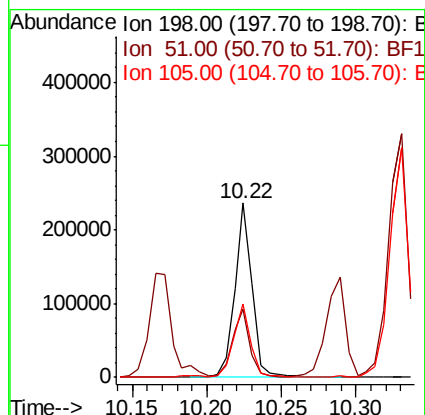
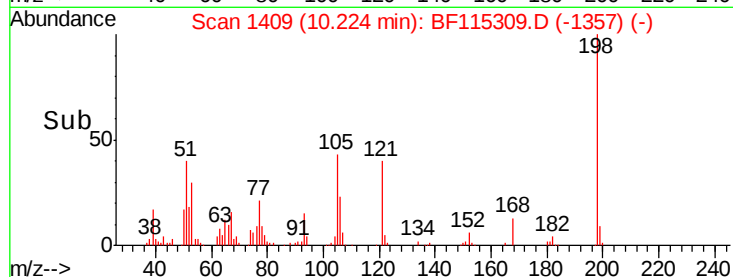
#65
 4,6-Dinitro-2-methylphenol
 Concen: 50.396 ng
 RT: 10.22 min Scan# 1409
 Delta R.T. 0.01 min
 Lab File: BF115309.D
 Acq: 29 Jun 2019 8:48

Instrument :
 BNA_F
 ClientSampleId :
 PB121004BS

Tgt Ion:198 Resp: 193268
 Ion Ratio Lower Upper
 198 100
 51 39.0 11.0 51.0
 105 42.3 17.3 57.3

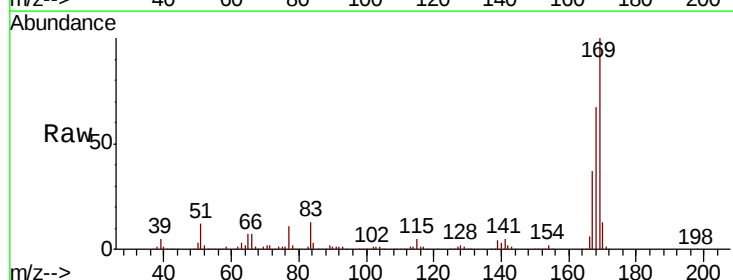


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

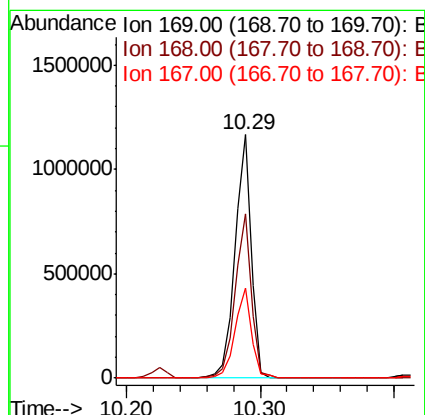
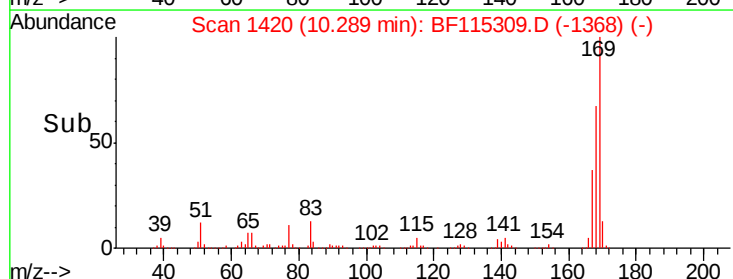


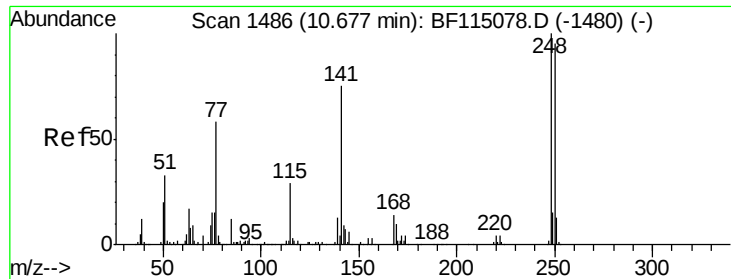
#66
 n-Nitrosodiphenylamine
 Concen: 44.911 ng
 RT: 10.29 min Scan# 1420
 Delta R.T. 0.01 min
 Lab File: BF115309.D
 Acq: 29 Jun 2019 8:48

Tgt Ion:169 Resp: 1002976
 Ion Ratio Lower Upper
 169 100
 168 67.5 54.2 81.4
 167 36.8 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

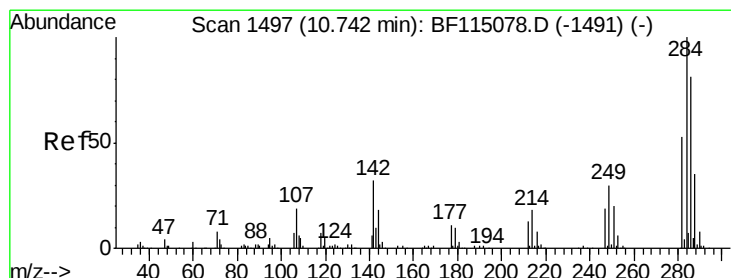
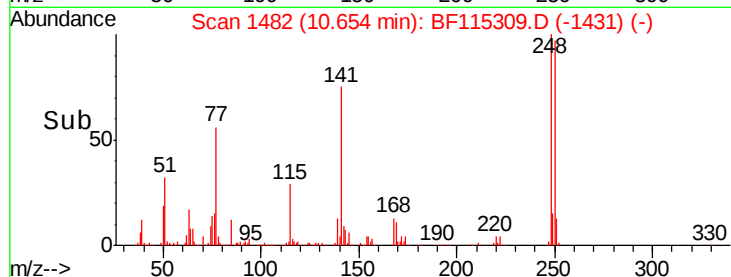
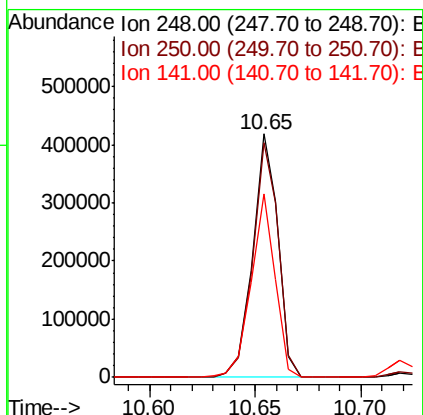
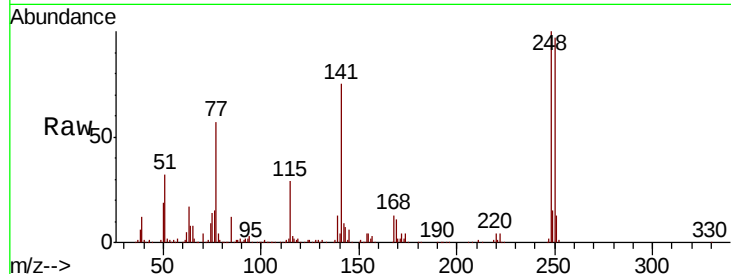




#67
4-Bromophenyl-phenylether
Concen: 44.758 ng
RT: 10.65 min Scan# 1482
Delta R.T. 0.00 min
Lab File: BF115309.D
Acq: 29 Jun 2019 8:48

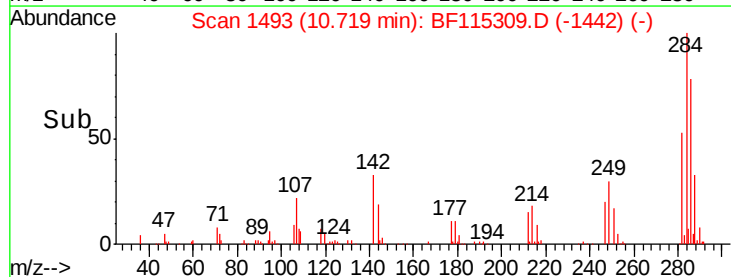
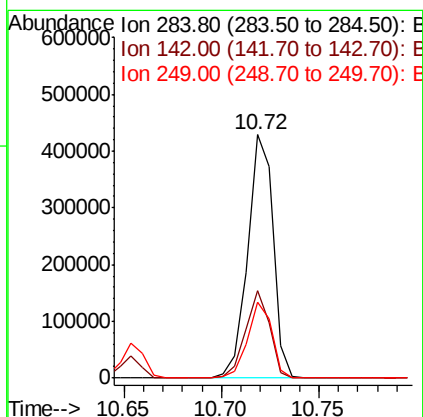
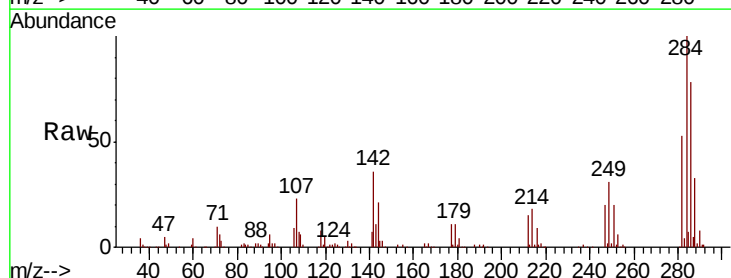
Instrument :
BNA_F
ClientSampleId :
PB121004BS

Tgt Ion:248 Resp: 347849
Ion Ratio Lower Upper
248 100
250 96.6 76.2 114.2
141 75.4 59.6 89.4



#68
Hexachlorobenzene
Concen: 45.924 ng
RT: 10.72 min Scan# 1493
Delta R.T. 0.00 min
Lab File: BF115309.D
Acq: 29 Jun 2019 8:48

Tgt Ion:284 Resp: 387403
Ion Ratio Lower Upper
284 100
142 36.0 25.8 38.8
249 31.3 24.2 36.4

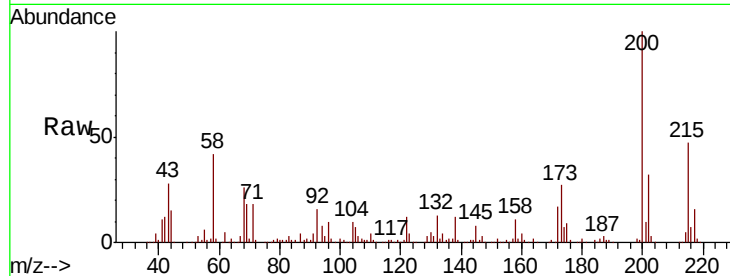




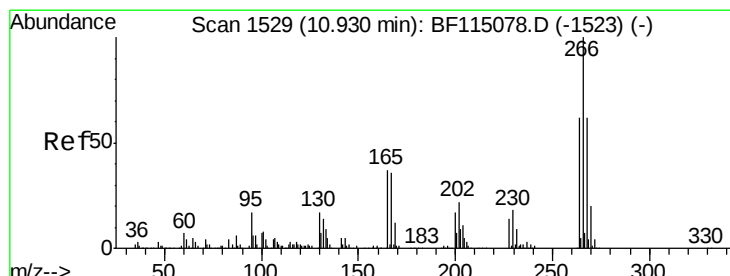
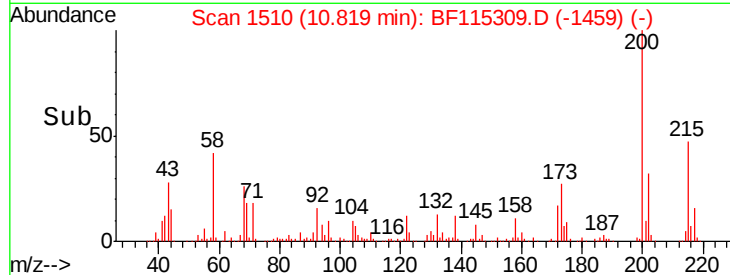
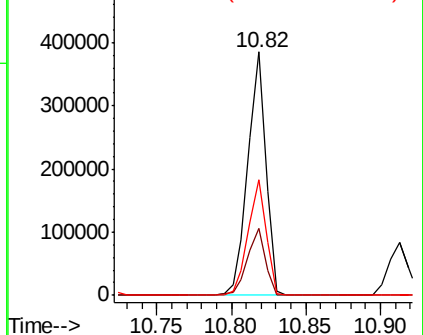
#69
Atrazine
Concen: 45.072 ng
RT: 10.82 min Scan# 1510
Delta R.T. 0.00 min
Lab File: BF115309.D
Acq: 29 Jun 2019 8:48

Instrument :
BNA_F
ClientSampleId :
PB121004BS

Tgt Ion:200 Resp: 323796
Ion Ratio Lower Upper
200 100
173 27.5 7.4 47.4
215 47.3 27.8 67.8

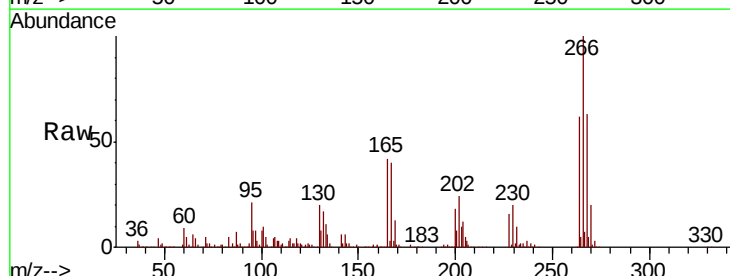


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

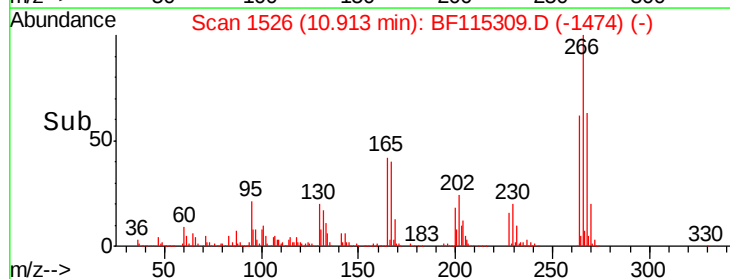
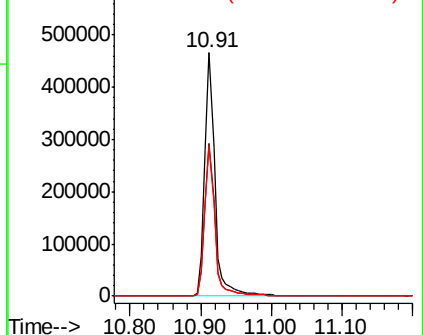


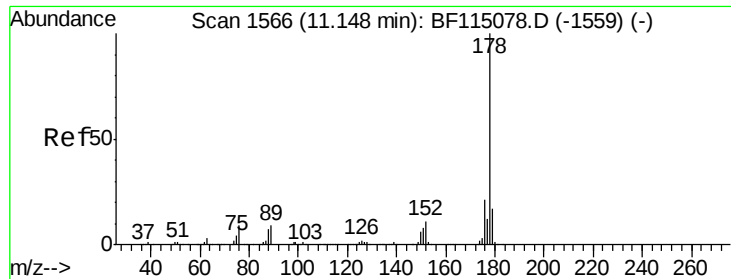
#70
Pentachlorophenol
Concen: 87.855 ng
RT: 10.91 min Scan# 1526
Delta R.T. 0.01 min
Lab File: BF115309.D
Acq: 29 Jun 2019 8:48

Tgt Ion:266 Resp: 472149
Ion Ratio Lower Upper
266 100
268 62.9 49.5 74.3
264 61.6 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

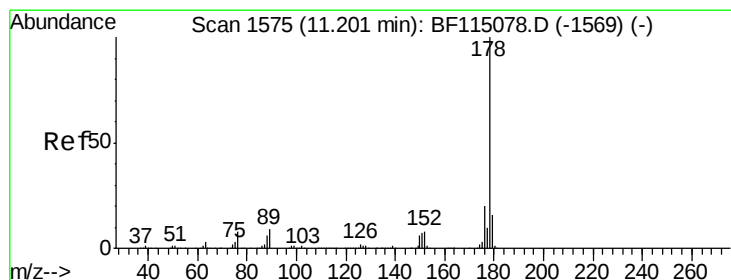
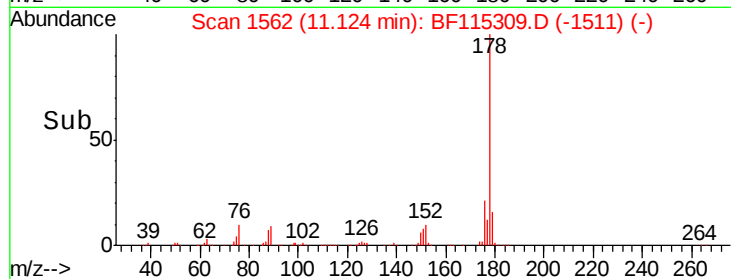
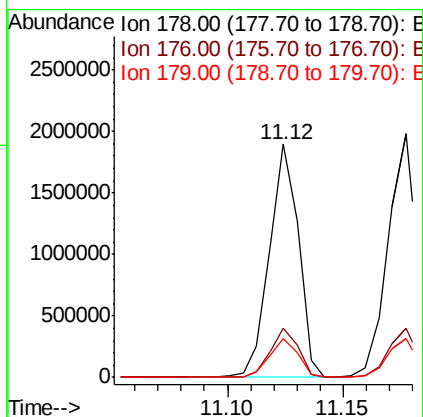
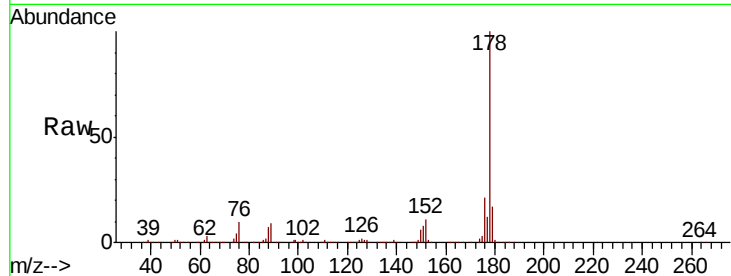




#71
 Phenanthrene
 Concen: 42.987 ng
 RT: 11.12 min Scan# 1562
 Delta R.T. 0.00 min
 Lab File: BF115309.D
 Acq: 29 Jun 2019 8:48

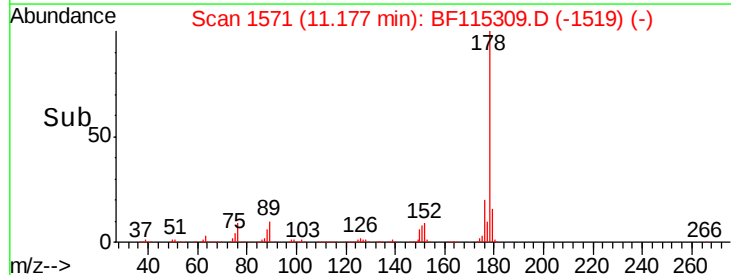
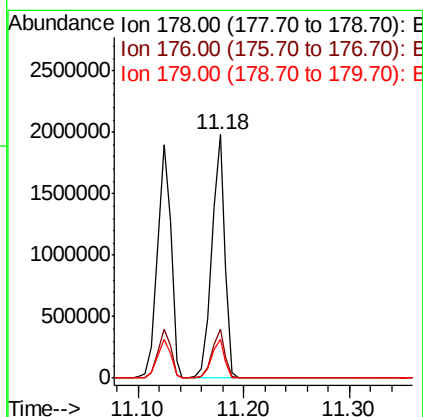
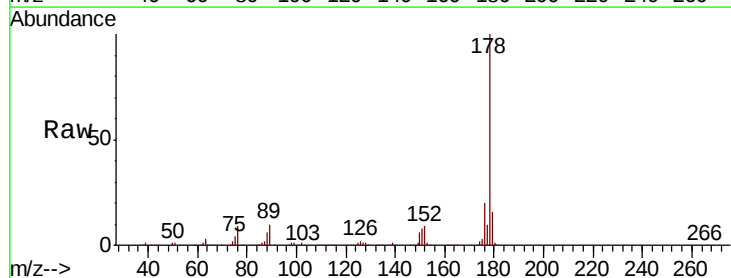
Instrument :
 BNA_F
 ClientSampleId :
 PB121004BS

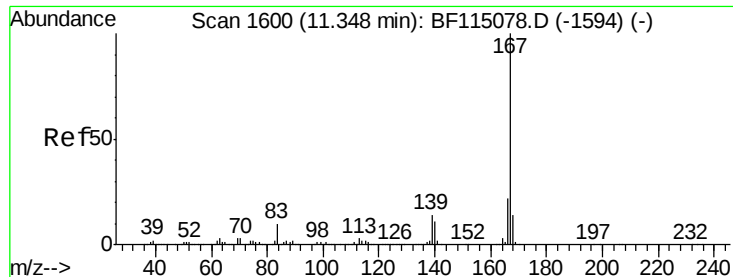
Tgt Ion:178 Resp: 1659070
 Ion Ratio Lower Upper
 178 100
 176 20.9 16.9 25.3
 179 16.6 13.2 19.8



#72
 Anthracene
 Concen: 44.335 ng
 RT: 11.18 min Scan# 1571
 Delta R.T. 0.01 min
 Lab File: BF115309.D
 Acq: 29 Jun 2019 8:48

Tgt Ion:178 Resp: 1727220
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.1 24.1
 179 16.1 12.9 19.3

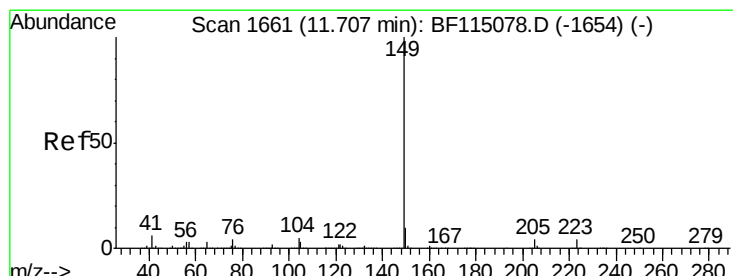
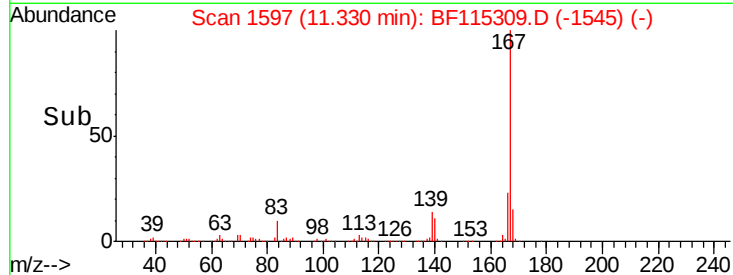
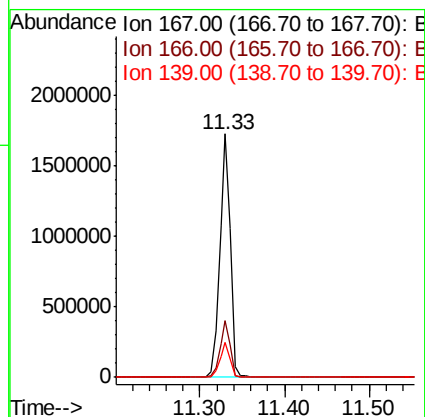
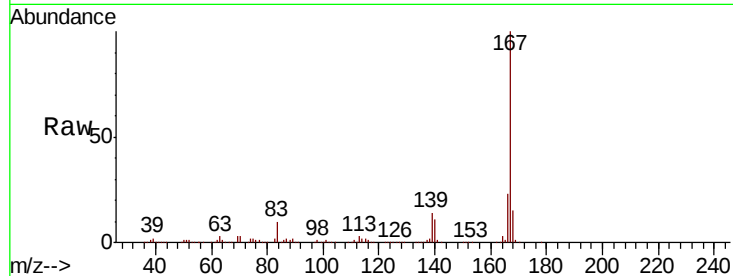




#73
 Carbazole
 Concen: 44.245 ng
 RT: 11.33 min Scan# 1597
 Delta R.T. 0.01 min
 Lab File: BF115309.D
 Acq: 29 Jun 2019 8:48

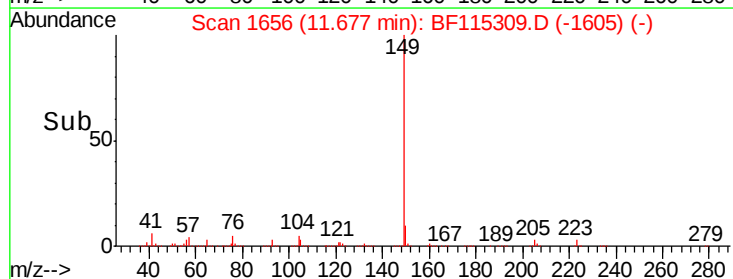
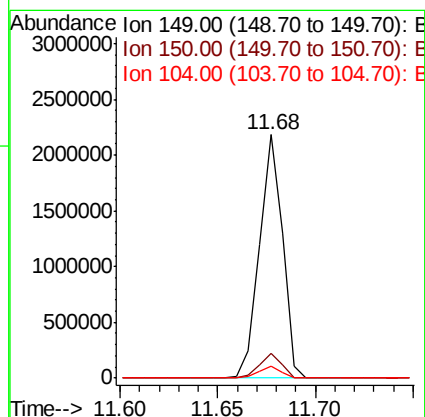
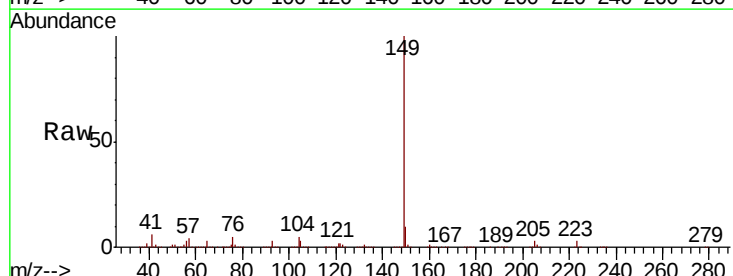
Instrument :
 BNA_F
 ClientSampleId :
 PB121004BS

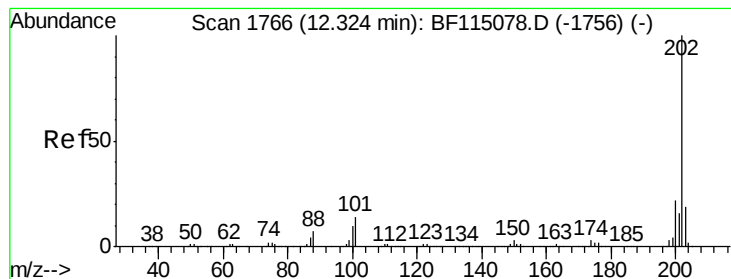
Tgt Ion:167 Resp: 1539221
 Ion Ratio Lower Upper
 167 100
 166 23.1 18.0 27.0
 139 14.1 11.1 16.7



#74
 Di-n-butylphthalate
 Concen: 44.372 ng
 RT: 11.68 min Scan# 1656
 Delta R.T. 0.00 min
 Lab File: BF115309.D
 Acq: 29 Jun 2019 8:48

Tgt Ion:149 Resp: 1783783
 Ion Ratio Lower Upper
 149 100
 150 10.0 7.8 11.8
 104 4.8 3.7 5.5





#75

Fluoranthene

Concen: 44.959 ng

RT: 12.31 min Scan# 1763

Delta R.T. 0.01 min

Lab File: BF115309.D

Acq: 29 Jun 2019 8:48

Instrument :

BNA_F

ClientSampleId :

PB121004BS

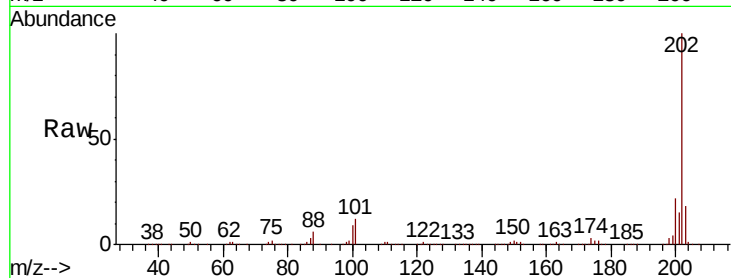
Tgt Ion: 202 Resp: 1731268

Ion Ratio Lower Upper

202 100

101 11.8 0.0 34.0

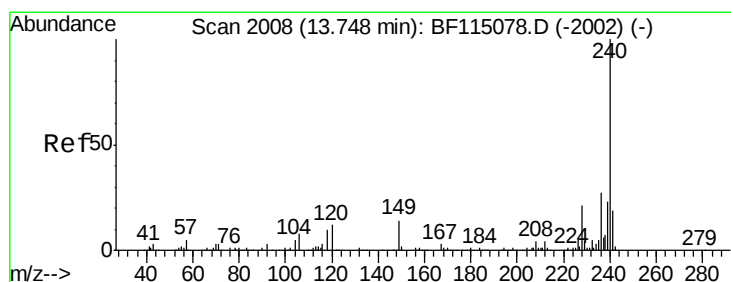
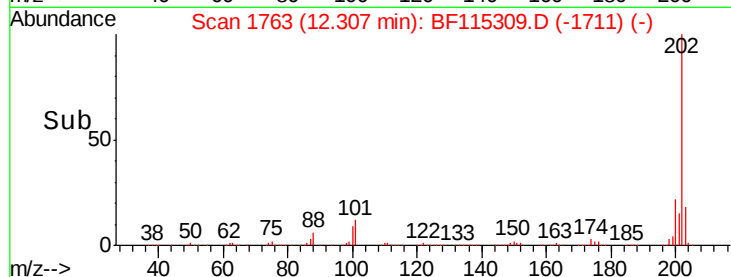
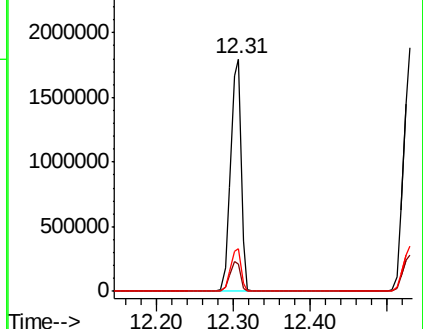
203 18.1 0.0 38.8



Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.72 min Scan# 2004

Delta R.T. 0.01 min

Lab File: BF115309.D

Acq: 29 Jun 2019 8:48

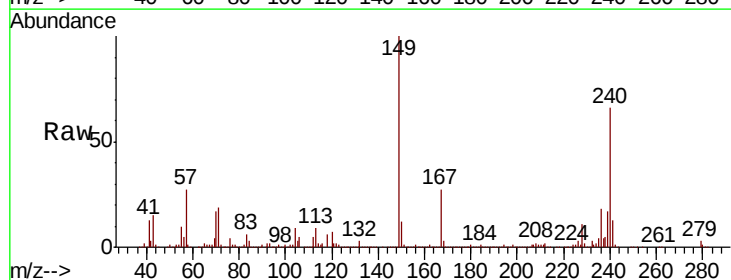
Tgt Ion: 240 Resp: 513462

Ion Ratio Lower Upper

240 100

120 10.1 9.4 14.2

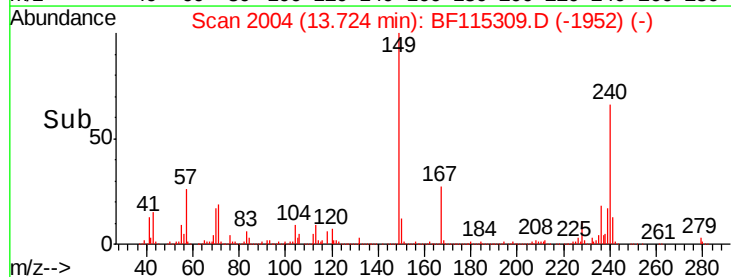
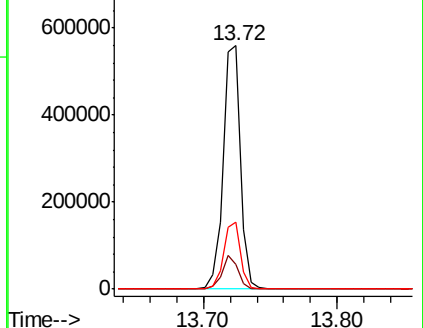
236 27.3 21.7 32.5

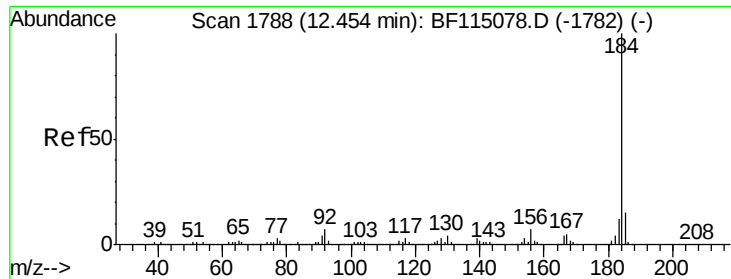


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 38.481 ng

RT: 12.42 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF115309.D

Acq: 29 Jun 2019 8:48

Instrument :

BNA_F

ClientSampleId :

PB121004BS

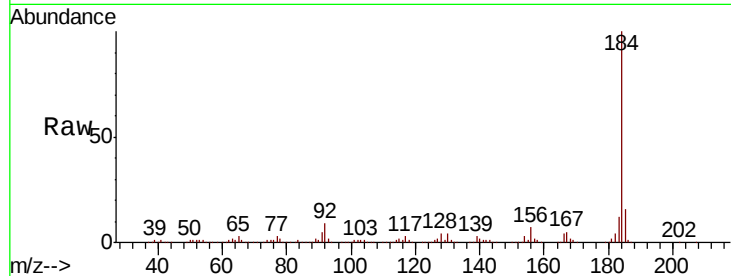
Tgt Ion:184 Resp: 877353

Ion Ratio Lower Upper

184 100

185 15.7 12.2 18.2

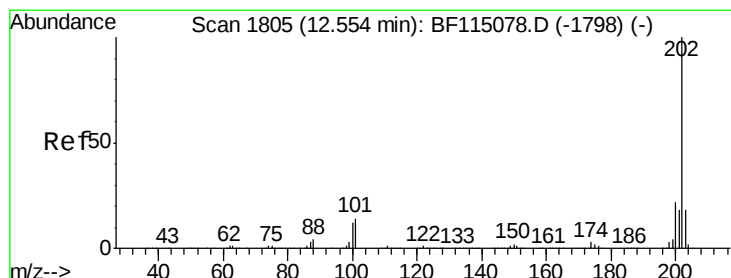
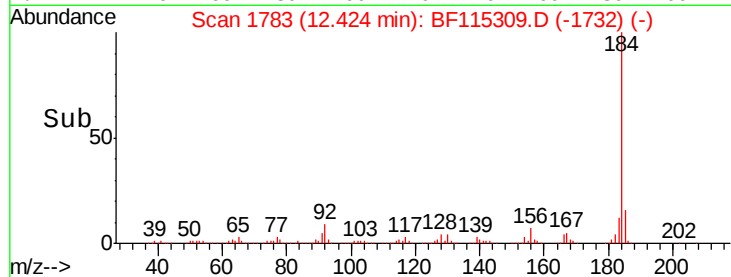
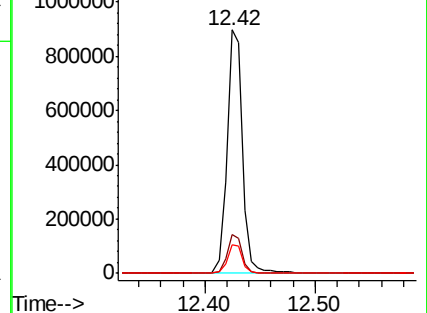
183 11.6 9.6 14.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 44.803 ng

RT: 12.53 min Scan# 1801

Delta R.T. 0.01 min

Lab File: BF115309.D

Acq: 29 Jun 2019 8:48

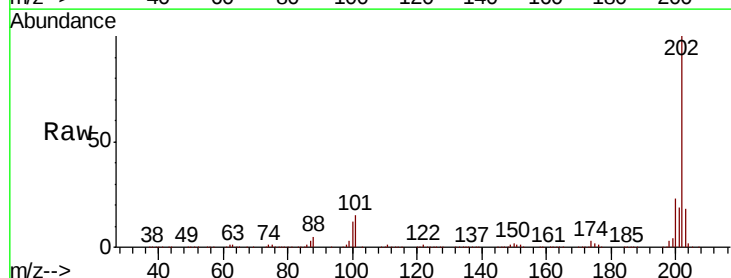
Tgt Ion:202 Resp: 1767928

Ion Ratio Lower Upper

202 100

200 23.1 17.9 26.9

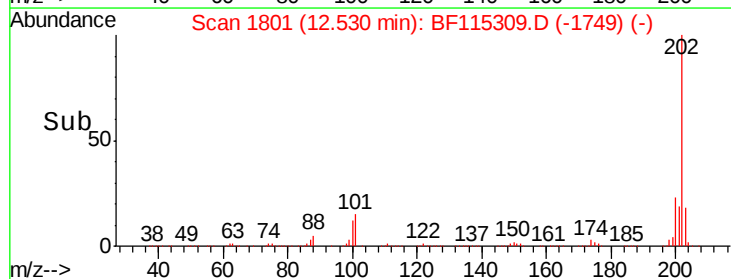
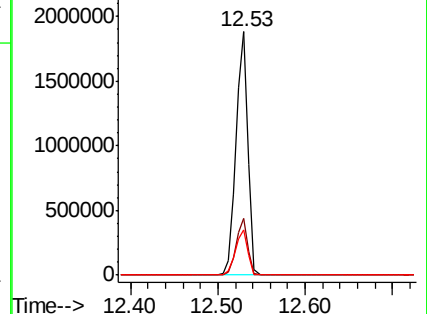
203 18.4 14.6 21.8

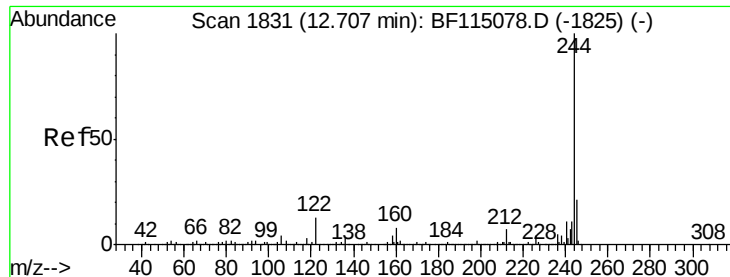


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 88.542 ng

RT: 12.68 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF115309.D

Acq: 29 Jun 2019 8:48

Instrument :

BNA_F

ClientSampleId :

PB121004BS

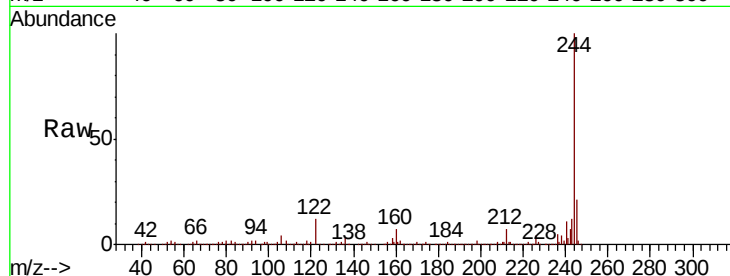
Tgt Ion:244 Resp: 2138277

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

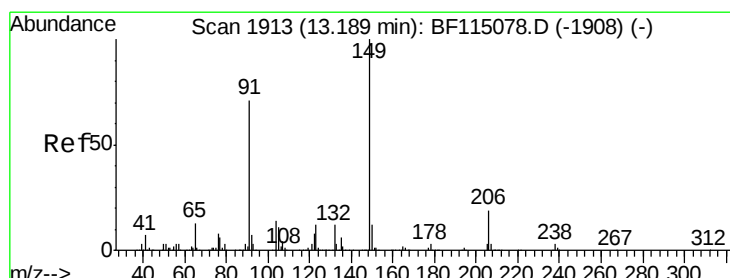
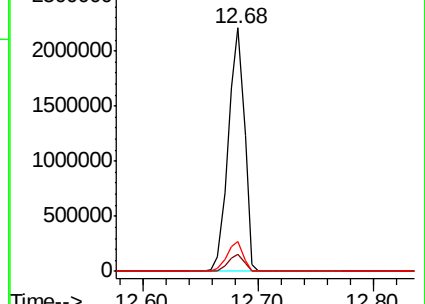
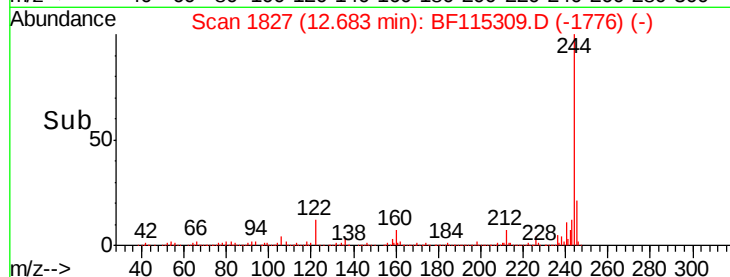
122 12.1 10.4 15.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 45.076 ng

RT: 13.16 min Scan# 1908

Delta R.T. 0.00 min

Lab File: BF115309.D

Acq: 29 Jun 2019 8:48

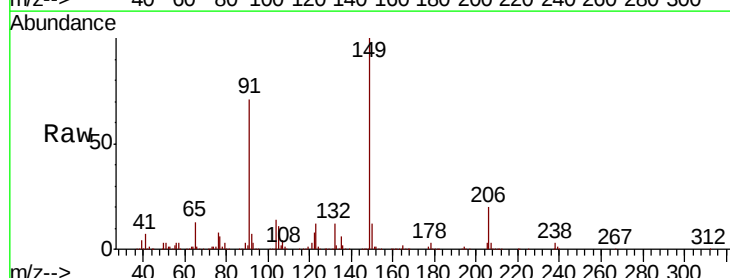
Tgt Ion:149 Resp: 784950

Ion Ratio Lower Upper

149 100

91 70.7 56.5 84.7

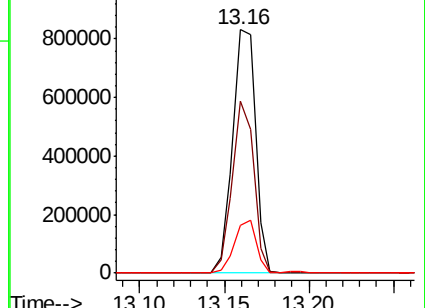
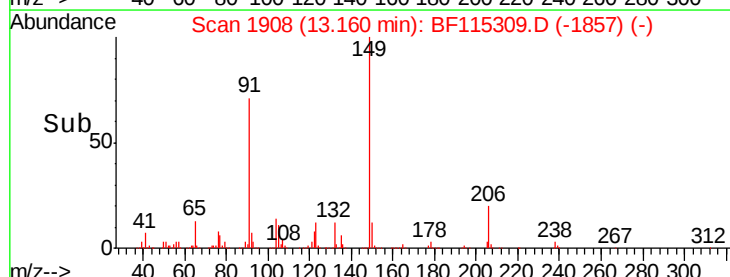
206 19.5 15.3 22.9



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: 44.236 ng

RT: 13.71 min Scan# 2002

Delta R.T. 0.01 min

Lab File: BF115309.D

Acq: 29 Jun 2019 8:48

Instrument :

BNA_F

ClientSampleId :

PB121004BS

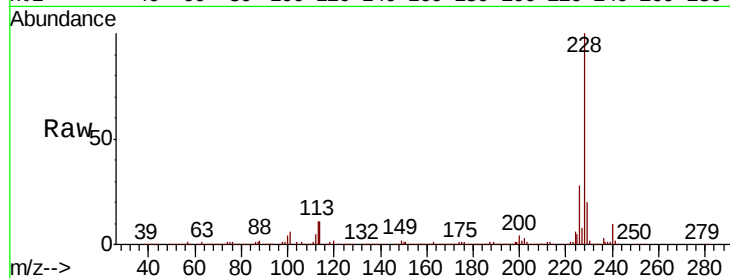
Tgt Ion:228 Resp: 1629774

Ion Ratio Lower Upper

228 100

226 28.1 22.5 33.7

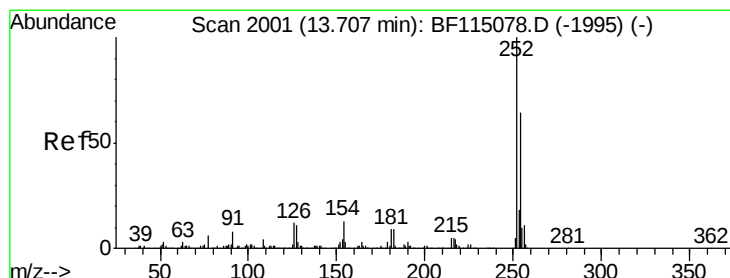
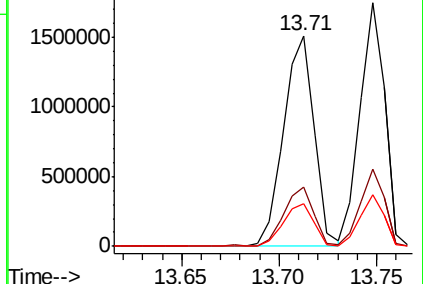
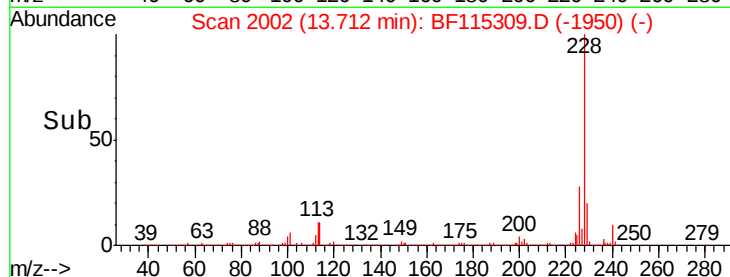
229 20.4 16.6 24.8



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: 34.196 ng

RT: 13.68 min Scan# 1996

Delta R.T. 0.00 min

Lab File: BF115309.D

Acq: 29 Jun 2019 8:48

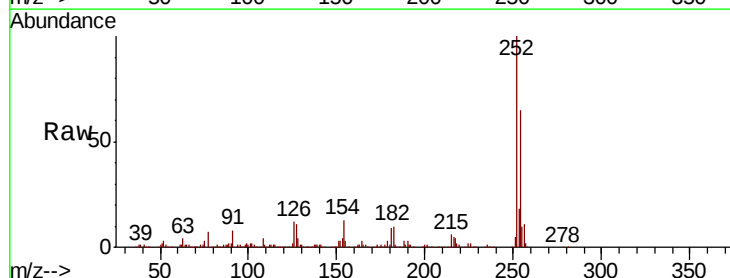
Tgt Ion:252 Resp: 454960

Ion Ratio Lower Upper

252 100

254 65.2 51.1 76.7

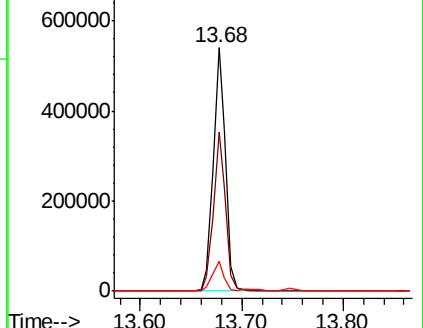
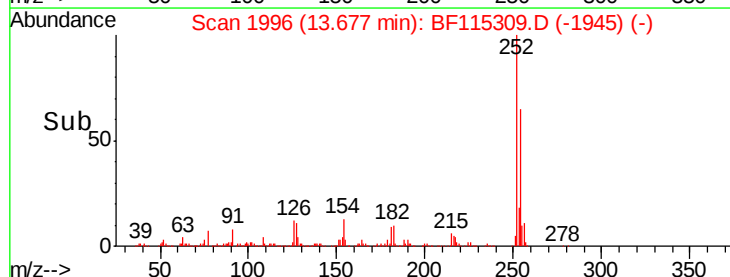
126 12.2 9.4 14.0



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: 45.834 ng

RT: 13.75 min Scan# 2008

Delta R.T. 0.01 min

Lab File: BF115309.D

Acq: 29 Jun 2019 8:48

Instrument :

BNA_F

ClientSampleId :

PB121004BS

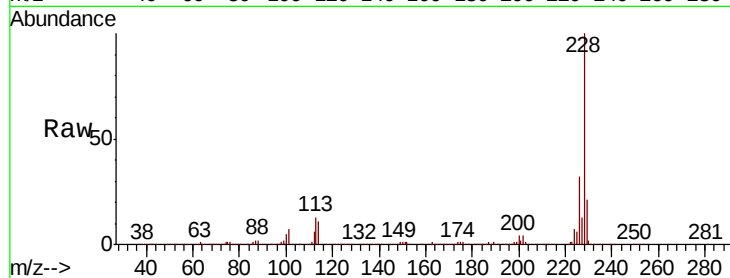
Tgt Ion:228 Resp: 1546849

Ion Ratio Lower Upper

228 100

226 31.6 25.4 38.0

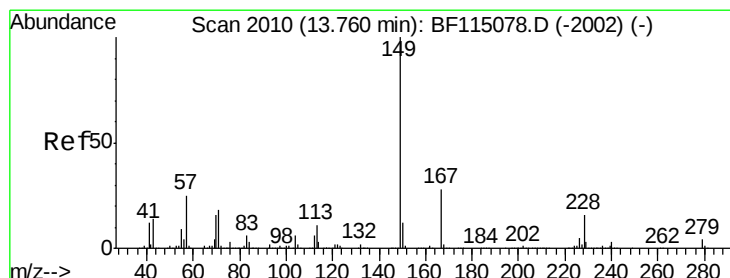
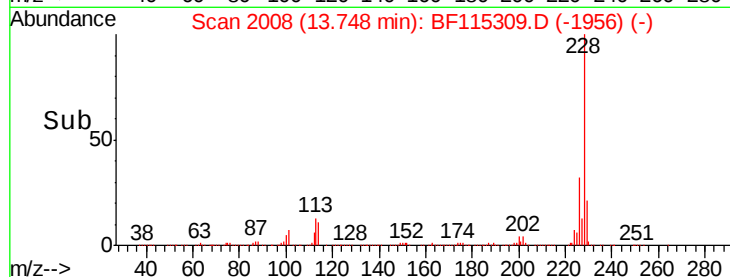
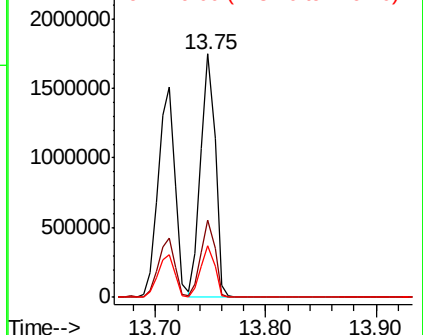
229 21.0 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.834 ng

RT: 13.73 min Scan# 2005

Delta R.T. 0.00 min

Lab File: BF115309.D

Acq: 29 Jun 2019 8:48

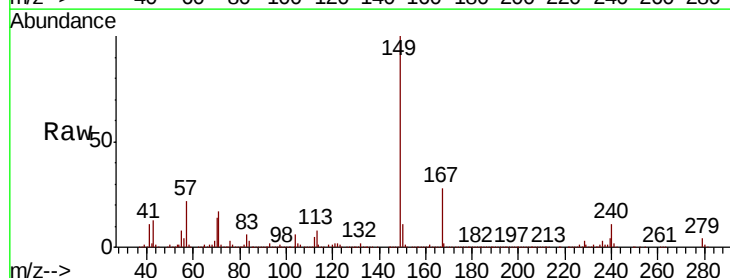
Tgt Ion:149 Resp: 1045836

Ion Ratio Lower Upper

149 100

167 27.8 22.2 33.4

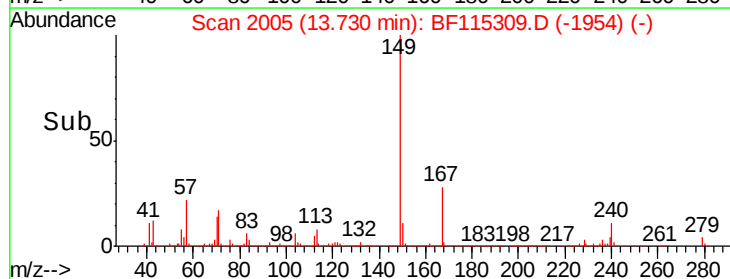
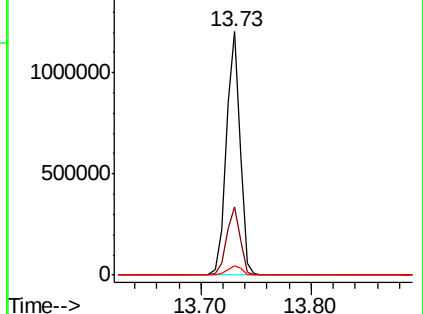
279 4.0 2.9 4.3

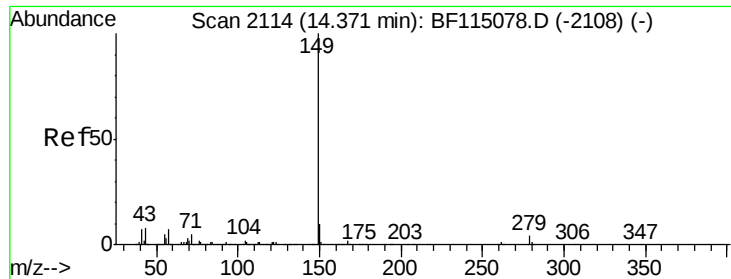


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 46.738 ng

RT: 14.34 min Scan# 2108

Delta R.T. -0.01 min

Lab File: BF115309.D

Acq: 29 Jun 2019 8:48

Instrument :

BNA_F

ClientSampleId :

PB121004BS

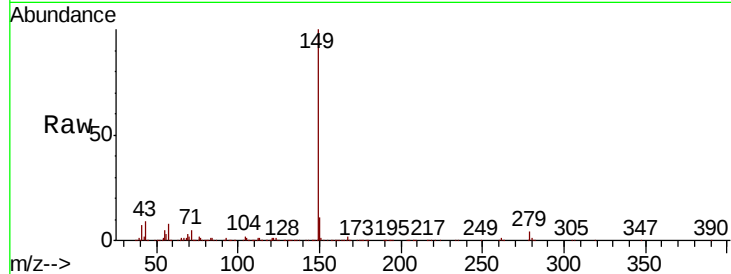
Tgt Ion:149 Resp: 1791851

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

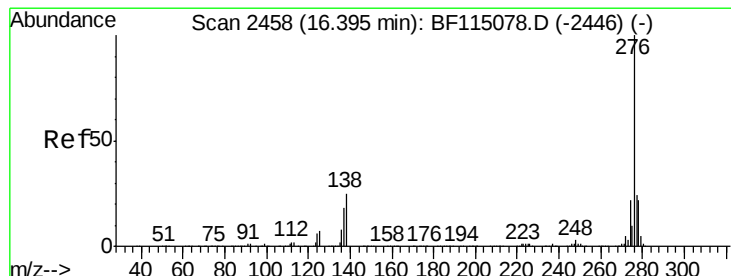
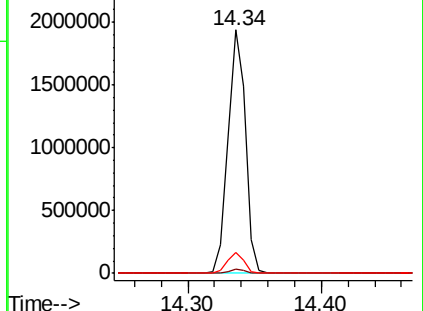
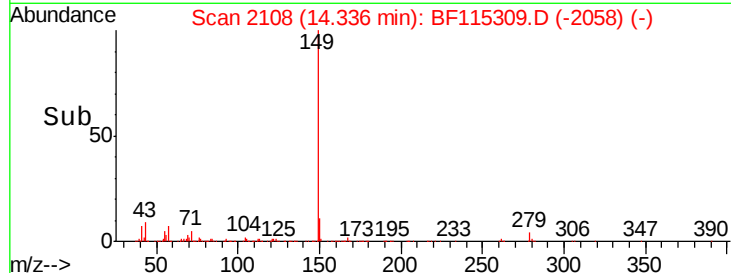
43 8.3 7.0 10.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 48.045 ng

RT: 16.36 min Scan# 2452

Delta R.T. 0.01 min

Lab File: BF115309.D

Acq: 29 Jun 2019 8:48

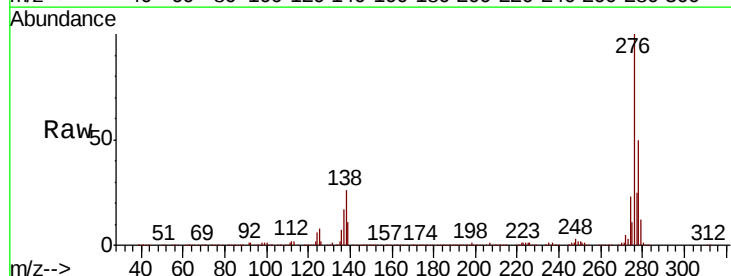
Tgt Ion:276 Resp: 1918647

Ion Ratio Lower Upper

276 100

138 28.1 23.2 34.8

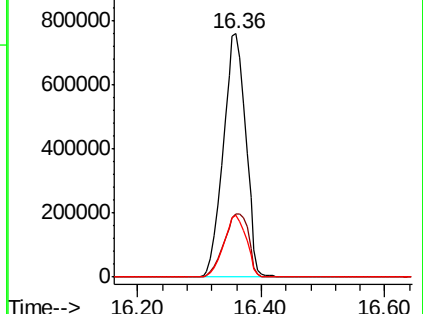
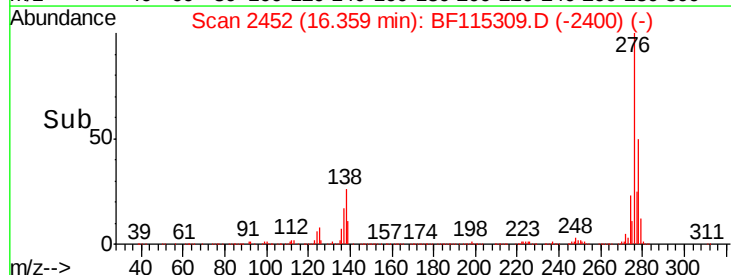
277 25.7 20.1 30.1

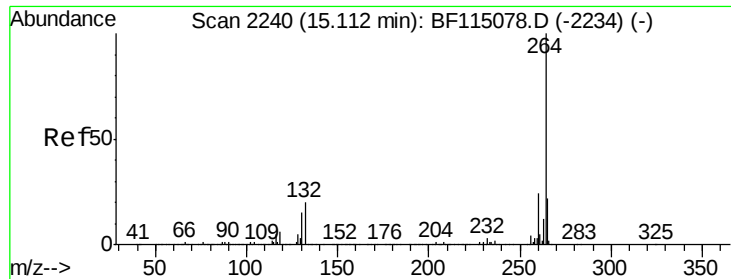


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.08 min Scan# 2235

Delta R.T. 0.00 min

Lab File: BF115309.D

Acq: 29 Jun 2019 8:48

Instrument :

BNA_F

ClientSampleId :

PB121004BS

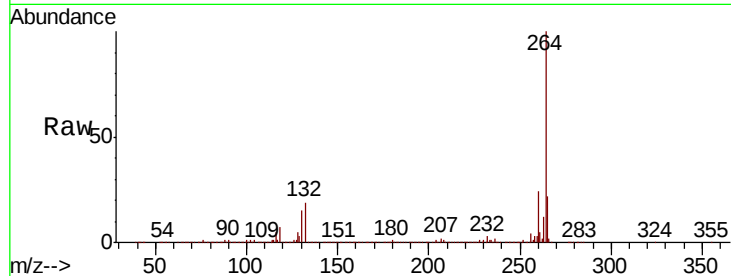
Tgt Ion:264 Resp: 623988

Ion Ratio Lower Upper

264 100

260 24.2 19.6 29.4

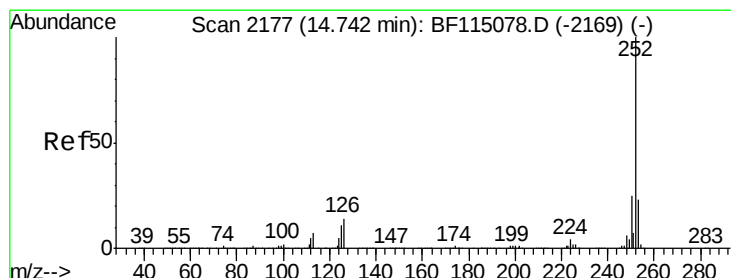
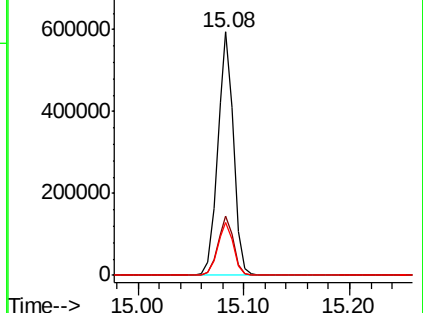
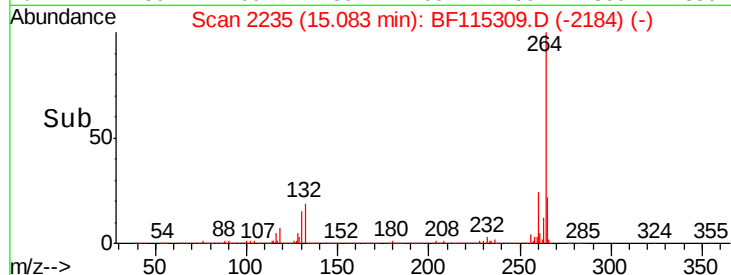
265 21.9 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 42.114 ng

RT: 14.71 min Scan# 2172

Delta R.T. -0.01 min

Lab File: BF115309.D

Acq: 29 Jun 2019 8:48

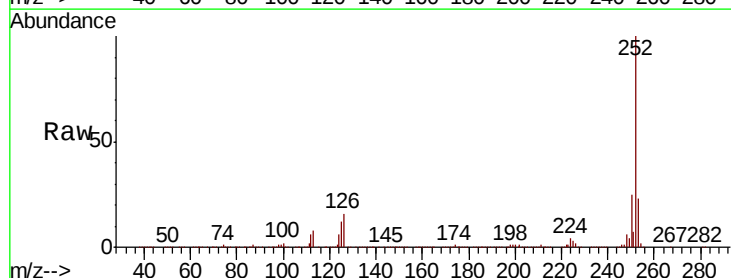
Tgt Ion:252 Resp: 1639717

Ion Ratio Lower Upper

252 100

253 23.2 18.1 27.1

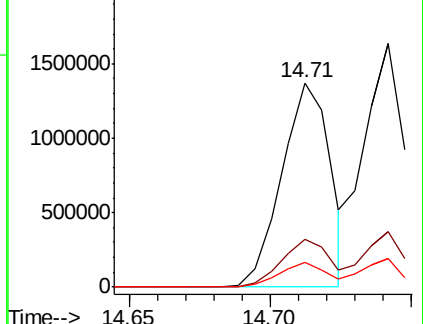
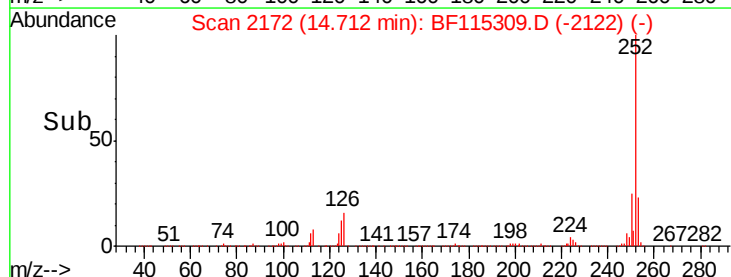
125 11.9 8.7 13.1

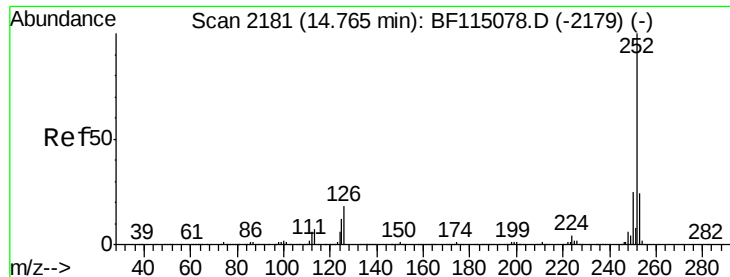


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

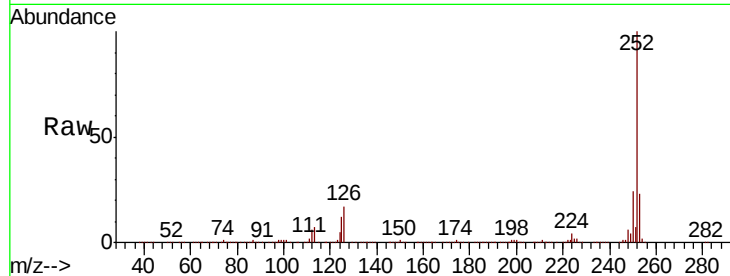




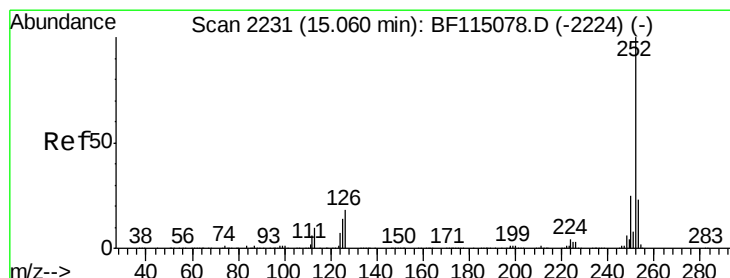
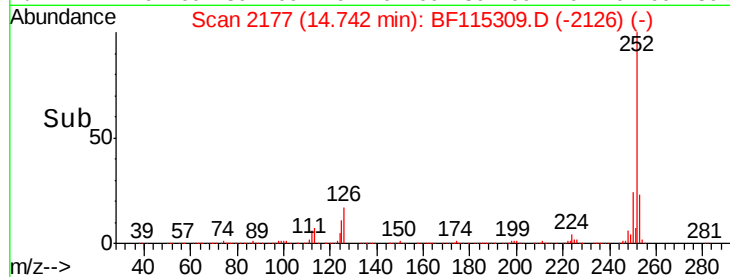
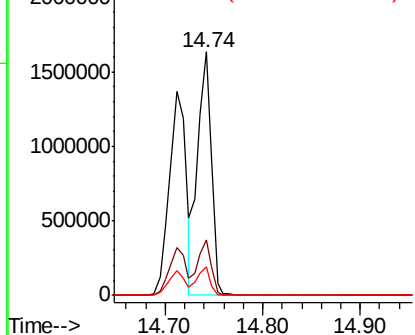
#89
Benzo(k)fluoranthene
Concen: 45.898 ng
RT: 14.74 min Scan# 2177
Delta R.T. 0.00 min
Lab File: BF115309.D
Acq: 29 Jun 2019 8:48

Instrument :
BNA_F
ClientSampleId :
PB121004BS

Tgt Ion:252 Resp: 1602603
Ion Ratio Lower Upper
252 100
253 23.0 18.9 28.3
125 11.5 10.2 15.2

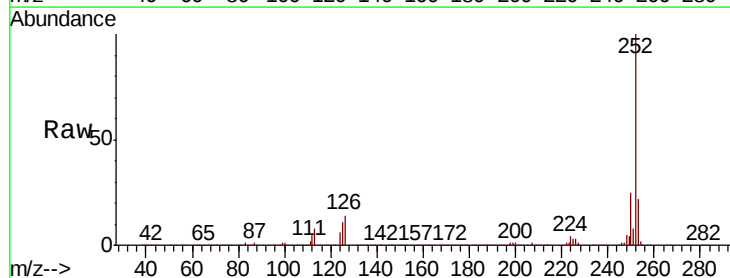


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

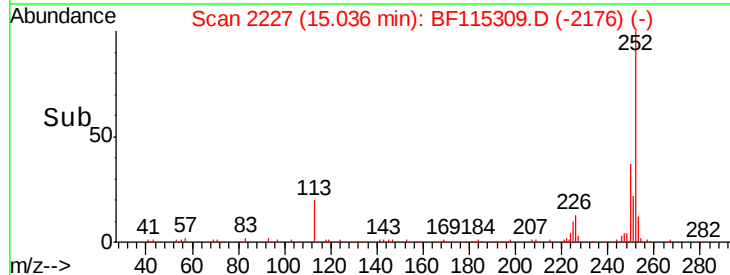
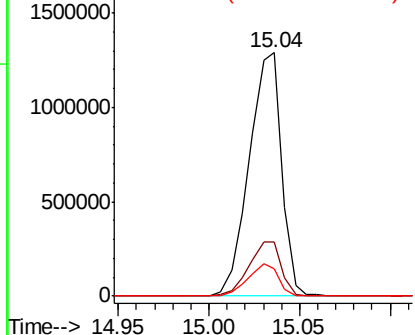


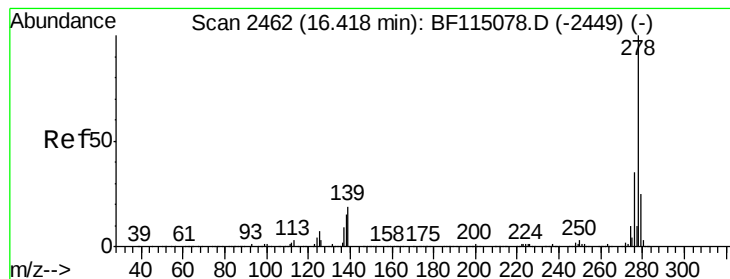
#90
Benzo(a)pyrene
Concen: 45.762 ng
RT: 15.04 min Scan# 2227
Delta R.T. 0.00 min
Lab File: BF115309.D
Acq: 29 Jun 2019 8:48

Tgt Ion:252 Resp: 1605921
Ion Ratio Lower Upper
252 100
253 22.5 18.3 27.5
125 11.2 10.9 16.3



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 47.755 ng

RT: 16.38 min Scan# 2455

Delta R.T. 0.01 min

Lab File: BF115309.D

Acq: 29 Jun 2019 8:48

Instrument :

BNA_F

ClientSampleId :

PB121004BS

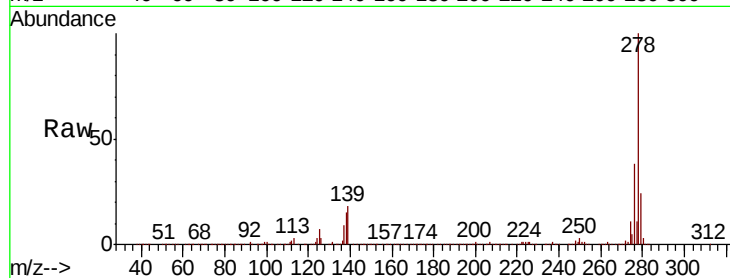
Tgt Ion:278 Resp: 1564503

Ion Ratio Lower Upper

278 100

139 18.2 15.4 23.2

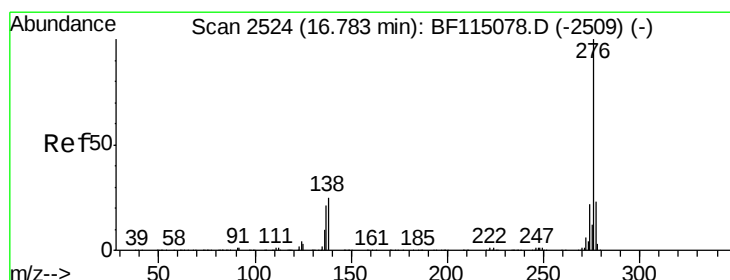
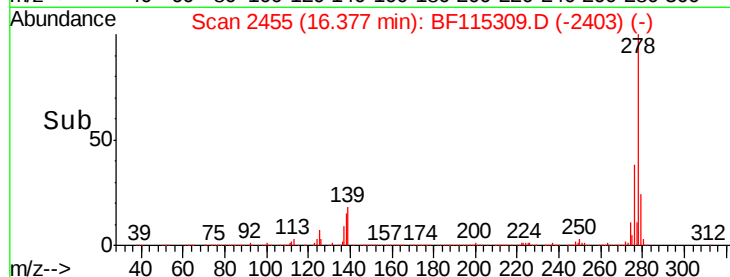
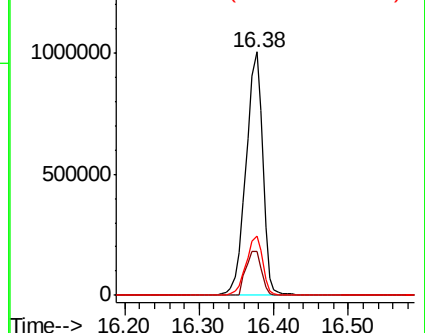
279 24.2 19.9 29.9



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: 48.902 ng

RT: 16.74 min Scan# 2517

Delta R.T. 0.01 min

Lab File: BF115309.D

Acq: 29 Jun 2019 8:48

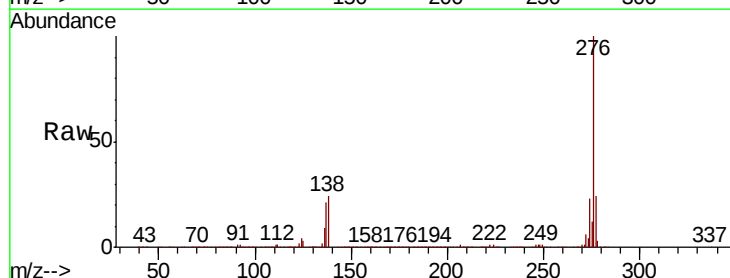
Tgt Ion:276 Resp: 1621518

Ion Ratio Lower Upper

276 100

277 23.9 18.6 28.0

138 24.4 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

