

Data File : BF115236.D
Acq On : 27 Jun 2019 15:14
Operator : HP/JU
Sample : K3509-03MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SA-06-062619-BMSD

Quant Time: Jun 28 04:53:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 24 04:21:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	252531	20.00	ng	-0.02
21) Naphthalene-d8	7.88	136	945084	20.00	ng	-0.02
39) Acenaphthene-d10	9.63	164	459040	20.00	ng	-0.02
64) Phenanthrene-d10	11.10	188	901368	20.00	ng	-0.02
76) Chrysene-d12	13.72	240	626272	20.00	ng	-0.02
87) Perylene-d12	15.08	264	590549	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1693235	103.47	ng	0.00
7) Phenol-d6	6.25	99	2140653	107.77	ng	0.00
23) Nitrobenzene-d5	7.17	82	1289109	83.91	ng	-0.02
42) 2,4,6-Tribromophenol	10.41	330	562580	116.22	ng	-0.02
45) 2-Fluorobiphenyl	8.96	172	2291072	84.78	ng	-0.02
79) Terphenyl-d14	12.68	244	2540671	86.25	ng	-0.02

Target Compounds					Qvalue
2) 1,4-Dioxane	2.18	88	206156	26.693 ng	99
3) Pyridine	2.84	79	420172	19.302 ng	96
4) n-Nitrosodimethylamine	2.77	42	251662	29.491 ng	95
6) Aniline	6.26	93	504151	18.468 ng	# 1
8) 2-Chlorophenol	6.38	128	631648	34.327 ng	98
9) Benzaldehyde	6.14	77	395363	30.510 ng	99
10) Phenol	6.26	94	758435	32.598 ng	99
11) bis(2-Chloroethyl)ether	6.34	93	563773	32.872 ng	99
12) 1,3-Dichlorobenzene	6.54	146	661399	32.387 ng	99
13) 1,4-Dichlorobenzene	6.62	146	676267	33.024 ng	99
14) 1,2-Dichlorobenzene	6.77	146	627376	33.082 ng	99
15) Benzyl Alcohol	6.75	79	486765	33.655 ng	100
16) 2,2'-oxybis(1-Chloropropan	6.89	45	776486	31.216 ng	97
17) 2-Methylphenol	6.87	107	534480	35.190 ng	98
18) Hexachloroethane	7.11	117	227515	30.817 ng	97
19) n-Nitroso-di-n-propylamine	7.02	70	395269	31.084 ng	100
20) 3+4-Methylphenols	7.02	107	617123	35.188 ng	# 87
22) Acetophenone	7.01	105	824468	38.106 ng	# 96
24) Nitrobenzene	7.18	77	627194	37.056 ng	97
25) Isophorone	7.42	82	1118373	35.535 ng	99
26) 2-Nitrophenol	7.50	139	339903	40.665 ng	95
27) 2,4-Dimethylphenol	7.55	122	568163	41.516 ng	98
28) bis(2-Chloroethoxy)methane	7.64	93	712341	35.810 ng	100
29) 2,4-Dichlorophenol	7.74	162	540461	38.268 ng	99
30) 1,2,4-Trichlorobenzene	7.82	180	573920	36.789 ng	100
31) Naphthalene	7.90	128	1739353	37.493 ng	100
32) Benzoic acid	7.55	122	568163	58.161 ng	# 14
33) 4-Chloroaniline	7.95	127	422277	19.917 ng	99
34) Hexachlorobutadiene	8.03	225	309372	36.188 ng	98
35) Caprolactam	8.32	113	100123	21.086 ng	97
36) 4-Chloro-3-methylphenol	8.44	107	544144	38.044 ng	98
37) 2-Methylnaphthalene	8.60	142	1179215	37.699 ng	97
38) 1-Methylnaphthalene	8.69	142	1120562	37.509 ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.76	216	525856	40.539 ng	99

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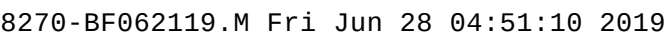
Instrument :
BNA_F
ClientSampleId :
SA-06-062619-BMSD

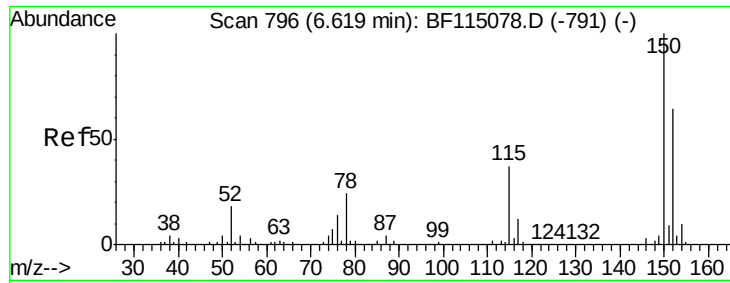
Quant Time: Jun 28 04:53:23 2019
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.75	237	211716	27.525	ng	99
43) 2,4,6-Trichlorophenol	8.87	196	378201	37.765	ng	99
44) 2,4,5-Trichlorophenol	8.91	196	405510	39.320	ng	98
46) 1,1'-Biphenyl	9.06	154	1382453	37.639	ng	98
47) 2-Chloronaphthalene	9.08	162	1111289	37.300	ng	97
48) 2-Nitroaniline	9.17	65	331307	38.142	ng	92
49) Acenaphthylene	9.49	152	1763945	38.000	ng	100
50) Dimethylphthalate	9.37	163	1544693	45.738	ng	99
51) 2,6-Dinitrotoluene	9.42	165	300763	38.574	ng	89
52) Acenaphthene	9.66	154	1025092	35.291	ng	99
53) 3-Nitroaniline	9.58	138	304760	32.030	ng	99
54) 2,4-Dinitrophenol	9.68	184	31486	14.471	ng	# 85
55) Dibenzofuran	9.83	168	1527691	36.644	ng	100
56) 4-Nitrophenol	9.75	139	552287	72.401	ng	98
57) 2,4-Dinitrotoluene	9.81	165	388770	38.616	ng	92
58) Fluorene	10.17	166	1088070	38.205	ng	97
59) 2,3,4,6-Tetrachlorophenol	9.95	232	325129	37.597	ng	98
60) Diethylphthalate	10.06	149	1253882	36.935	ng	100
61) 4-Chlorophenyl-phenylether	10.17	204	520727	38.494	ng	99
62) 4-Nitroaniline	10.19	138	334859	35.081	ng	99
63) Azobenzene	10.33	77	1131458	35.683	ng	99
65) 4,6-Dinitro-2-methylphenol	10.22	198	48281	13.987	ng	87
66) n-Nitrosodiphenylamine	10.29	169	1055920	37.601	ng	99
67) 4-Bromophenyl-phenylether	10.65	248	365061	37.355	ng	99
68) Hexachlorobenzene	10.72	284	396839	37.411	ng	97
69) Atrazine	10.82	200	334542	37.034	ng	98
70) Pentachlorophenol	10.91	266	453260	67.072	ng	97
71) Phenanthrene	11.12	178	1908832	39.332	ng	100
72) Anthracene	11.18	178	1880070	38.378	ng	100
73) Carbazole	11.33	167	1640811	37.508	ng	100
74) Di-n-butylphthalate	11.68	149	1895045	37.489	ng	99
75) Fluoranthene	12.31	202	2246610	46.397	ng	98
77) Benzidine	12.42	184	546870	19.665	ng	# 95
78) Pyrene	12.53	202	2261154	46.981	ng	98
80) Butylbenzylphthalate	13.17	149	866988	40.819	ng	93
81) Benzo(a)anthracene	13.71	228	1970512	43.850	ng	99
82) 3,3'-Dichlorobenzidine	13.68	252	483180	29.775	ng	99
83) Chrysene	13.75	228	1806721	43.892	ng	99
84) Bis(2-ethylhexyl)phthalate	13.73	149	1148330	41.261	ng	100
85) Di-n-octyl phthalate	14.34	149	1951325	41.730	ng	100
86) Indeno(1,2,3-cd)pyrene	16.35	276	1293592	26.558	ng	98
88) Benzo(b)fluoranthene	14.71	252	1908565	51.795	ng	98
89) Benzo(k)fluoranthene	14.74	252	1261477	38.174	ng	98
90) Benzo(a)pyrene	15.03	252	1482390	44.634	ng	99
91) Dibenzo(a,h)anthracene	16.37	278	1043316	33.649	ng	97
92) Benzo(g,h,i)perylene	16.73	276	1073216	34.199	ng	99

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

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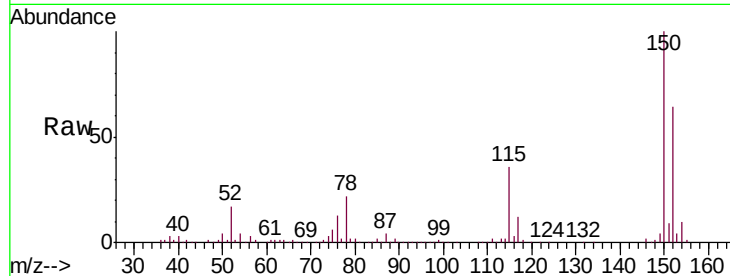


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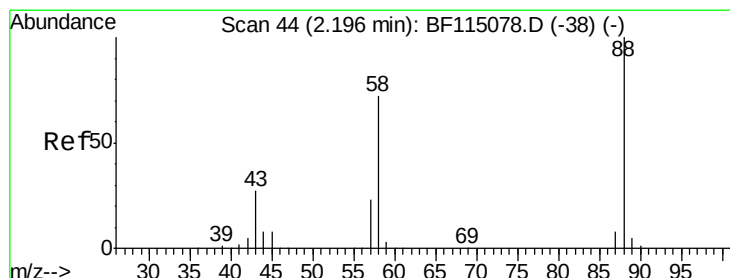
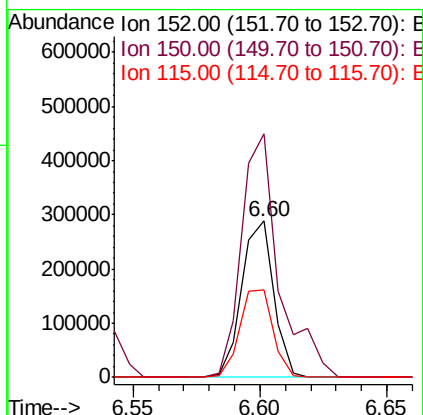
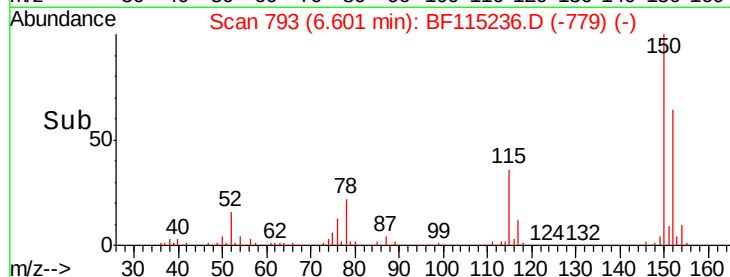
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 793
Delta R.T. -0.02 min
Lab File: BF115236.D
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BNA_F
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SA-06-062619-BMSD

Tgt Ion:152 Resp: 252531
Ion Ratio Lower Upper
152 100
150 155.7 124.2 186.2
115 56.1 46.1 69.1



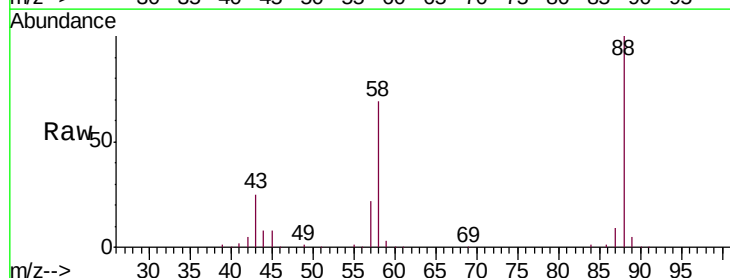
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



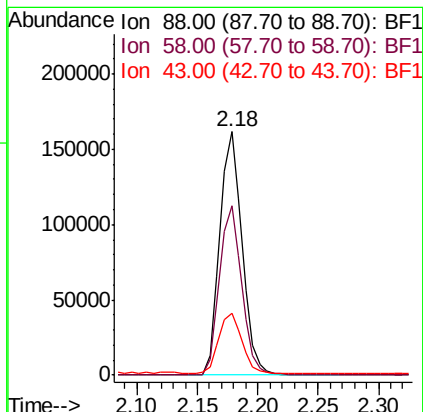
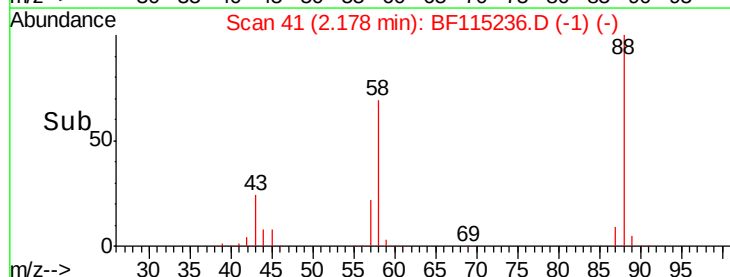
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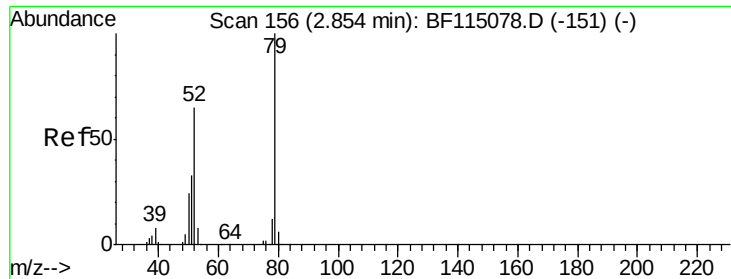
1,4-Dioxane
Concen: 26.693 ng
RT: 2.18 min Scan# 41
Delta R.T. -0.02 min
Lab File: BF115236.D
Acq: 27 Jun 2019 15:14

Tgt Ion: 88 Resp: 206156
Ion Ratio Lower Upper
88 100
58 69.5 56.1 84.1
43 25.5 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

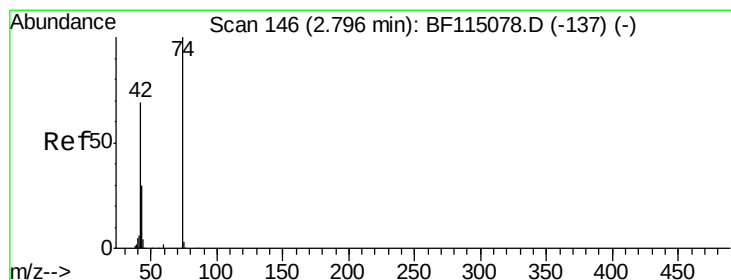
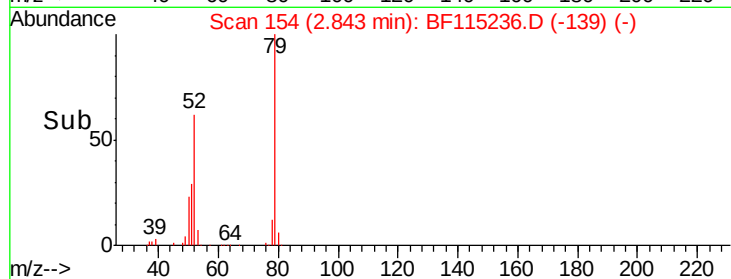
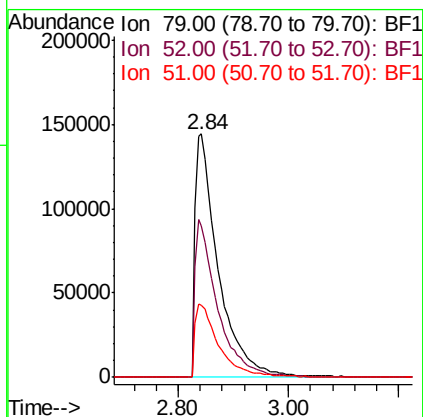
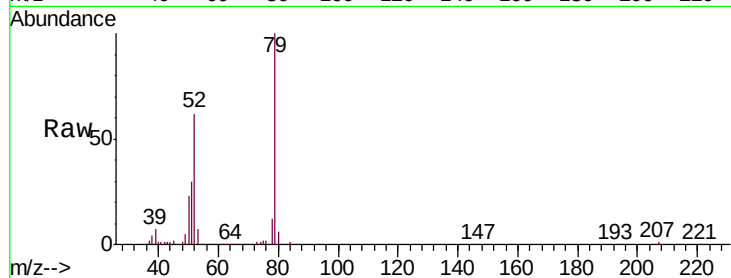




#3
 Pyridine
 Concen: 19.302 ng
 RT: 2.84 min Scan# 154
 Delta R.T. -0.01 min
 Lab File: BF115236.D
 Acq: 27 Jun 2019 15:14

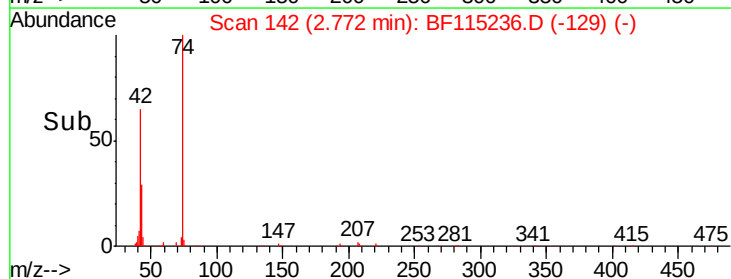
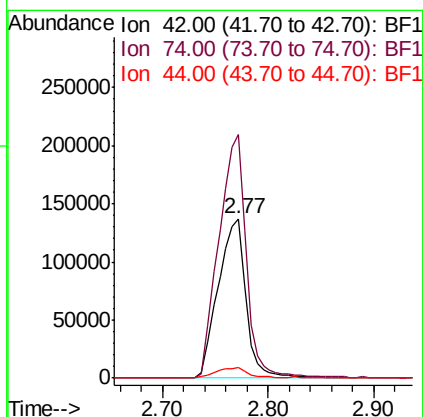
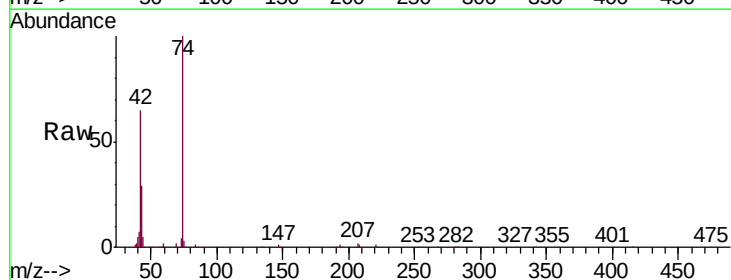
Instrument :
 BNA_F
 ClientSampleId :
 SA-06-062619-BMSD

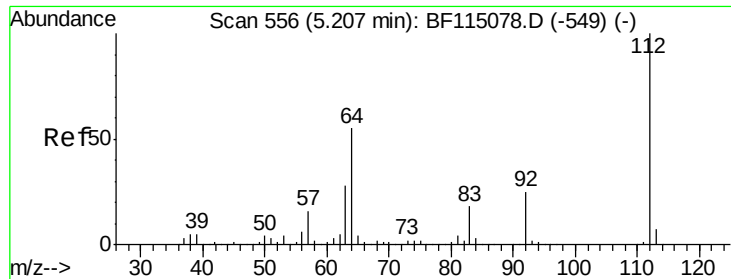
Tgt Ion: 79 Resp: 420172
 Ion Ratio Lower Upper
 79 100
 52 62.2 52.3 78.5
 51 29.7 26.1 39.1



#4
 n-Nitrosodimethylamine
 Concen: 29.491 ng
 RT: 2.77 min Scan# 142
 Delta R.T. -0.02 min
 Lab File: BF115236.D
 Acq: 27 Jun 2019 15:14

Tgt Ion: 42 Resp: 251662
 Ion Ratio Lower Upper
 42 100
 74 152.9 116.6 175.0
 44 6.9 5.3 7.9





#5

2-Fluorophenol

Concen: 103.470 ng

RT: 5.20 min Scan# 555

Delta R.T. -0.01 min

Lab File: BF115236.D

Acq: 27 Jun 2019 15:14

Instrument :

BNA_F

ClientSampleId :

SA-06-062619-BMSD

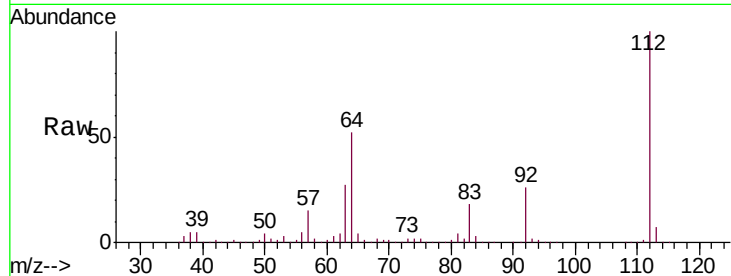
Tgt Ion: 112 Resp: 1693235

Ion Ratio Lower Upper

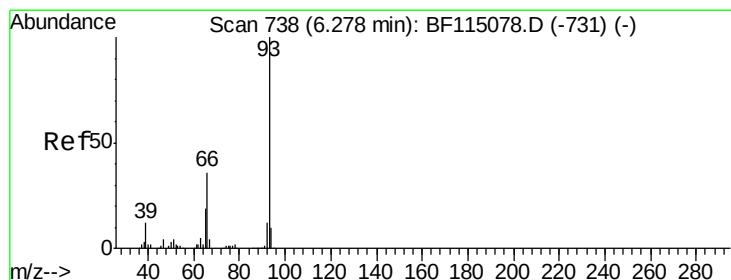
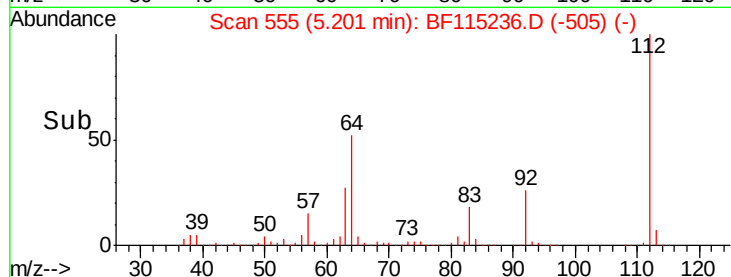
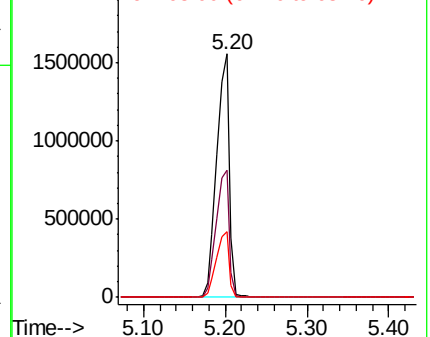
112 100

64 52.4 43.8 65.6

63 26.9 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: 18.468 ng

RT: 6.26 min Scan# 735

Delta R.T. -0.02 min

Lab File: BF115236.D

Acq: 27 Jun 2019 15:14

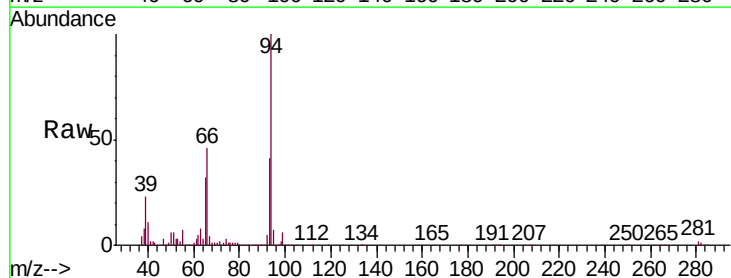
Tgt Ion: 93 Resp: 504151

Ion Ratio Lower Upper

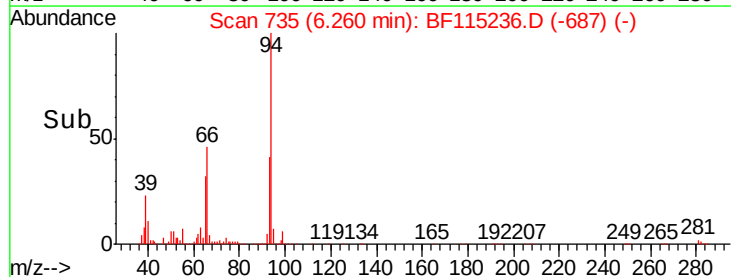
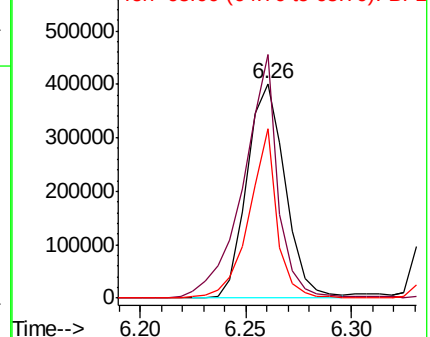
93 100

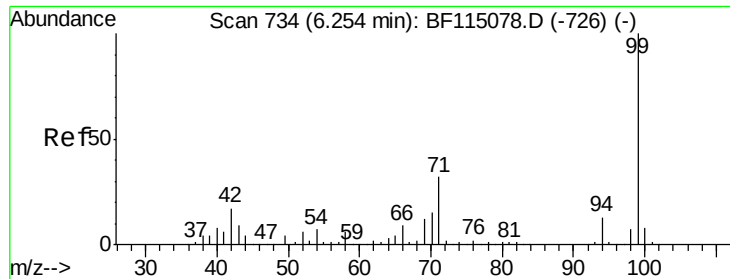
66 113.4 30.0 45.0#

65 79.0 15.6 23.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 107.774 ng

RT: 6.25 min Scan# 733

Delta R.T. -0.01 min

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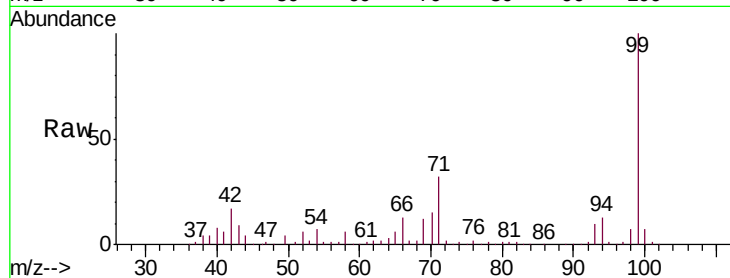
Tgt Ion: 99 Resp: 2140653

Ion Ratio Lower Upper

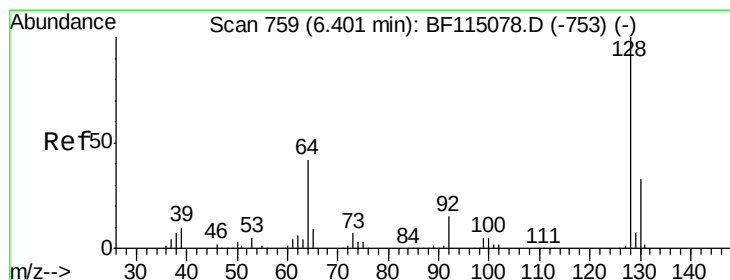
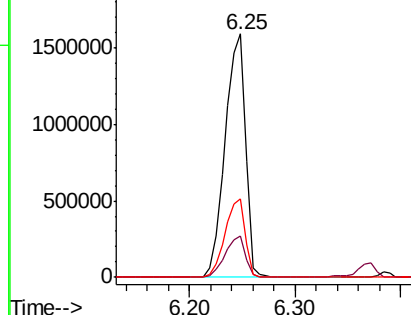
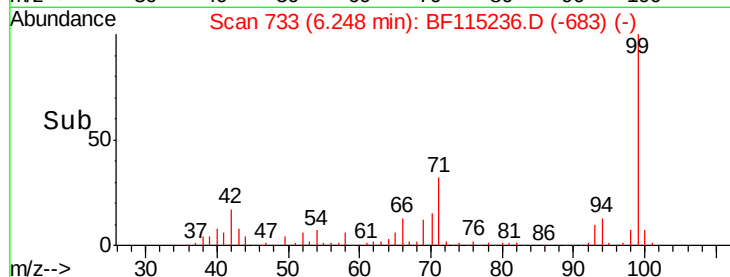
99 100

42 16.8 13.6 20.4

71 32.4 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: 34.327 ng

RT: 6.38 min Scan# 756

Delta R.T. -0.02 min

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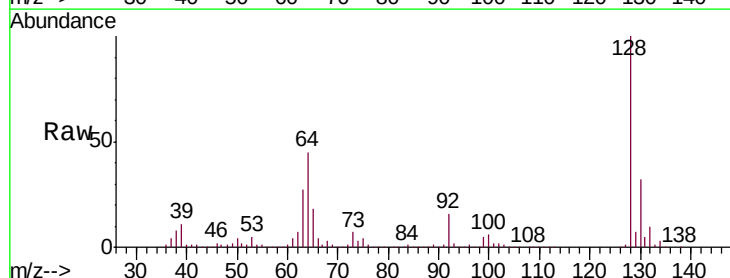
Tgt Ion: 128 Resp: 631648

Ion Ratio Lower Upper

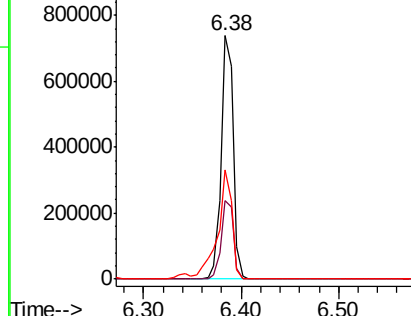
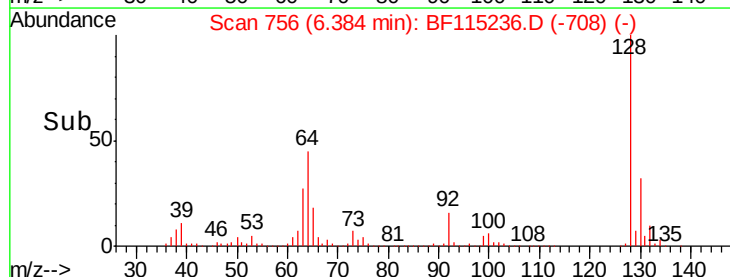
128 100

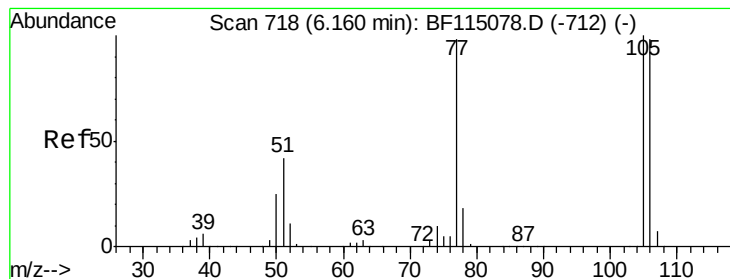
130 32.3 12.9 52.9

64 45.1 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: 30.510 ng

RT: 6.14 min Scan# 714

Delta R.T. -0.02 min

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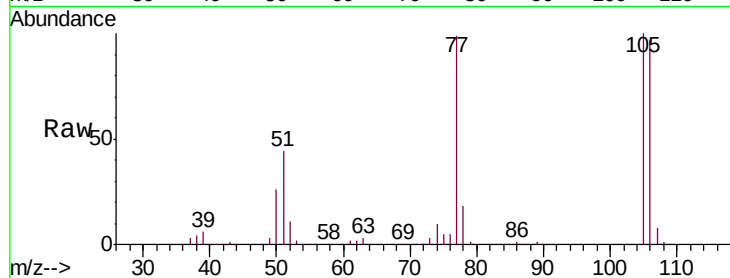
Tgt Ion: 77 Resp: 395363

Ion Ratio Lower Upper

77 100

105 100.8 81.5 121.5

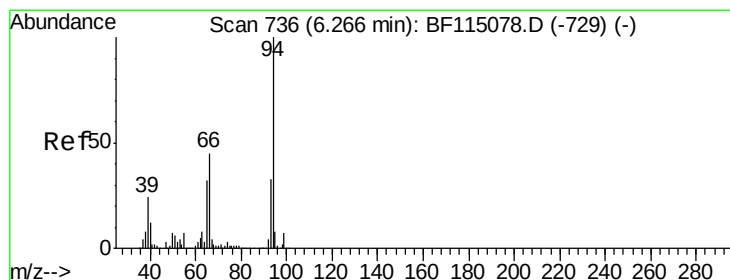
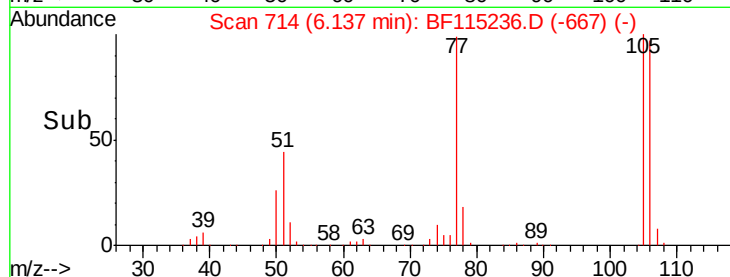
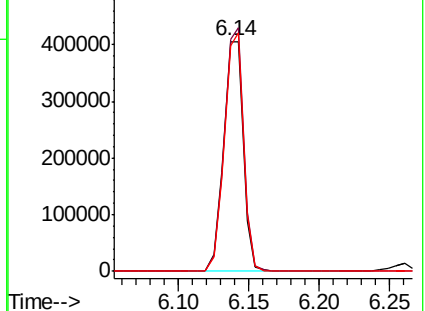
106 98.1 79.7 119.7



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: 32.598 ng

RT: 6.26 min Scan# 735

Delta R.T. -0.01 min

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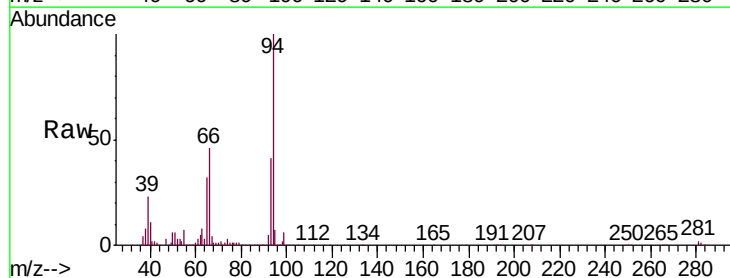
Tgt Ion: 94 Resp: 758435

Ion Ratio Lower Upper

94 100

65 32.0 11.9 51.9

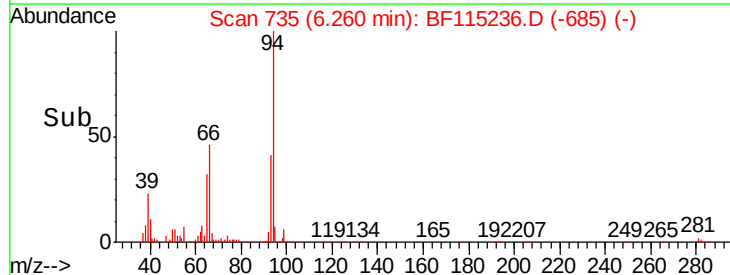
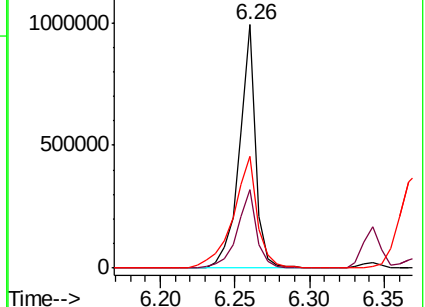
66 46.0 25.2 65.2

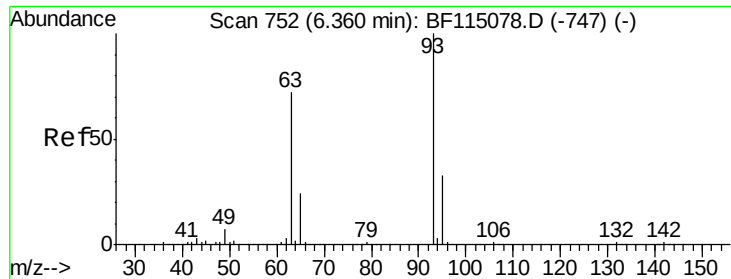


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

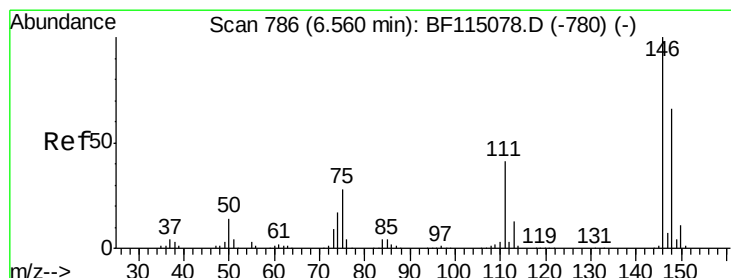
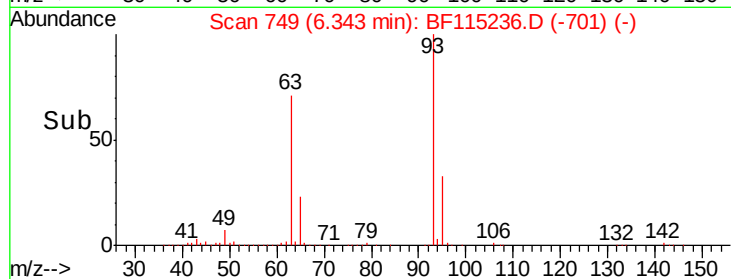
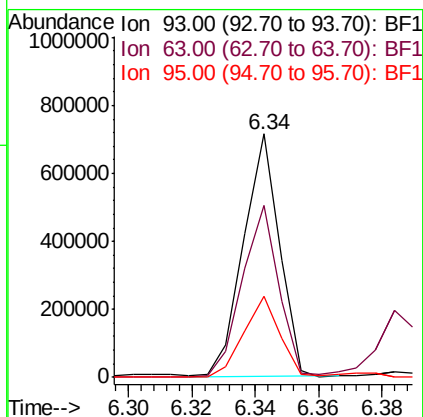
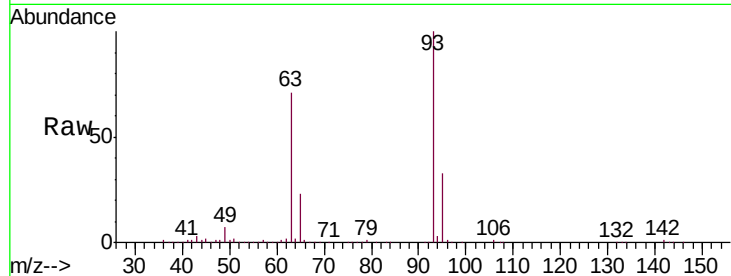




#11
bis(2-Chloroethyl)ether
Concen: 32.872 ng
RT: 6.34 min Scan# 749
Delta R.T. -0.02 min
Lab File: BF115236.D
Acq: 27 Jun 2019 15:14

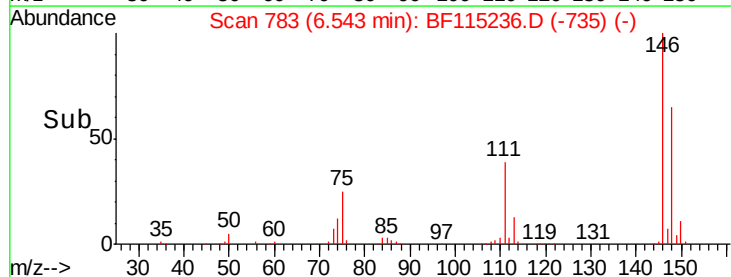
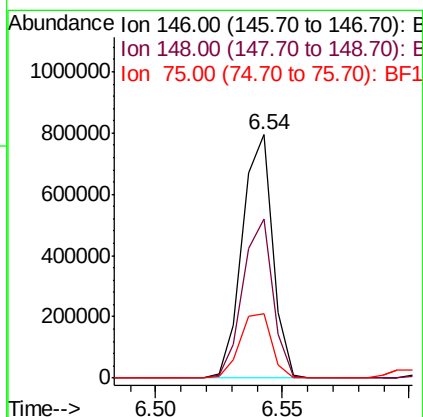
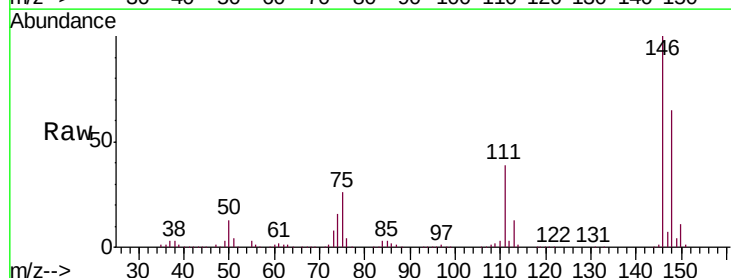
Instrument :
BNA_F
ClientSampleId :
SA-06-062619-BMSD

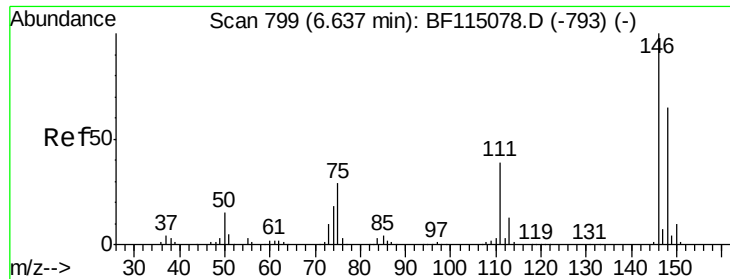
Tgt Ion:	93	Resp:	563773
Ion	Ratio	Lower	Upper
93	100		
63	70.9	51.5	91.5
95	33.1	13.4	53.4



#12
1,3-Dichlorobenzene
Concen: 32.387 ng
RT: 6.54 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF115236.D
Acq: 27 Jun 2019 15:14

Tgt Ion:	146	Resp:	661399
Ion	Ratio	Lower	Upper
146	100		
148	65.5	52.6	78.8
75	26.5	22.6	34.0

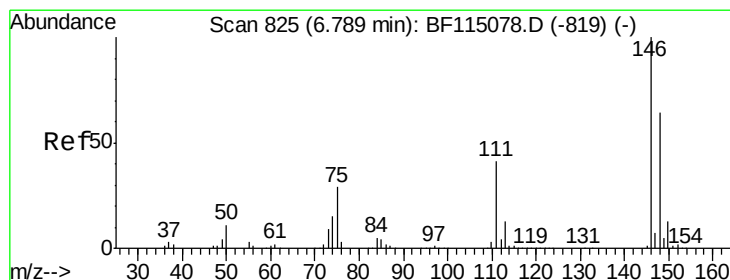
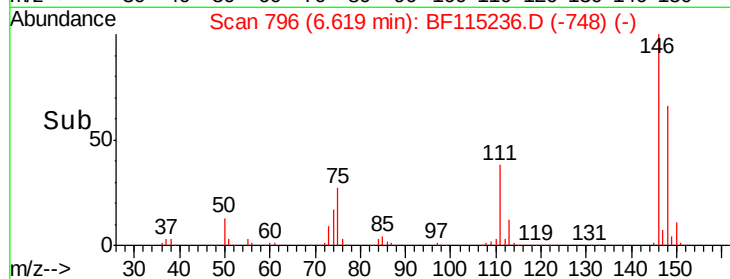
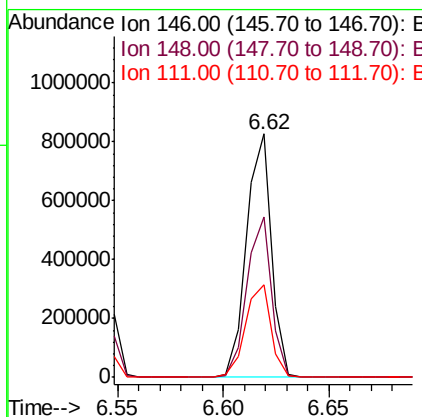
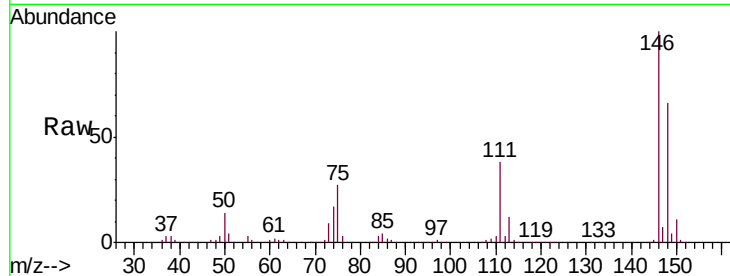




#13
 1,4-Dichlorobenzene
 Concen: 33.024 ng
 RT: 6.62 min Scan# 796
 Delta R.T. -0.02 min
 Lab File: BF115236.D
 Acq: 27 Jun 2019 15:14

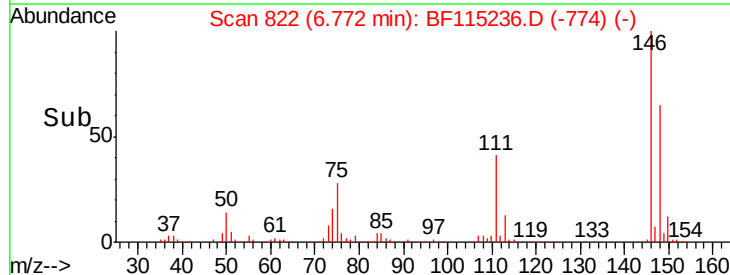
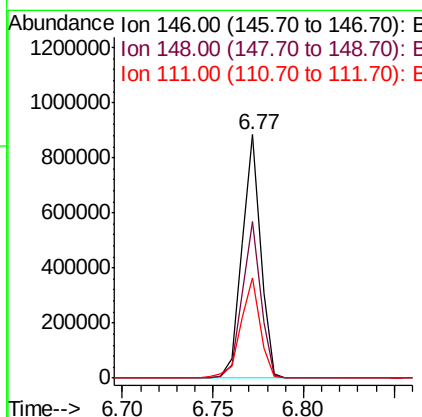
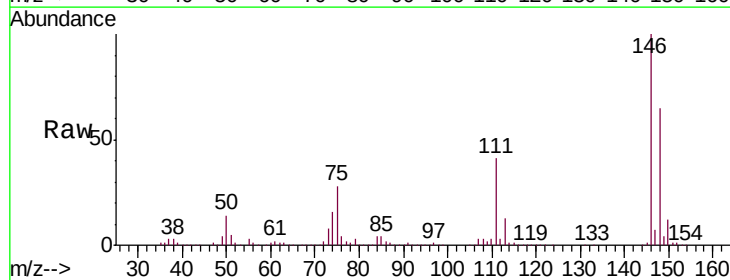
Instrument :
 BNA_F
 ClientSampleId :
 SA-06-062619-BMSD

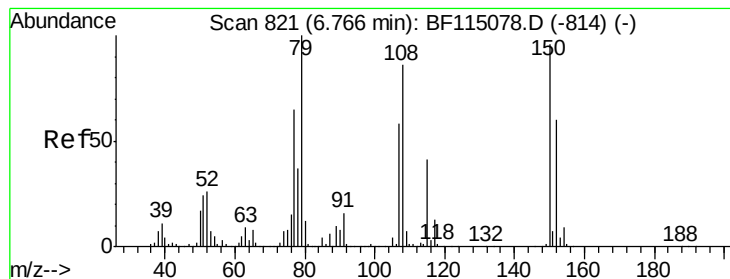
Tgt Ion:146 Resp: 676267
 Ion Ratio Lower Upper
 146 100
 148 65.8 51.9 77.9
 111 38.3 31.4 47.0



#14
 1,2-Dichlorobenzene
 Concen: 33.082 ng
 RT: 6.77 min Scan# 822
 Delta R.T. -0.02 min
 Lab File: BF115236.D
 Acq: 27 Jun 2019 15:14

Tgt Ion:146 Resp: 627376
 Ion Ratio Lower Upper
 146 100
 148 64.6 51.1 76.7
 111 41.0 33.2 49.8





#15

Benzyl Alcohol

Concen: 33.655 ng

RT: 6.75 min Scan# 818

Delta R.T. -0.02 min

Lab File: BF115236.D

Acq: 27 Jun 2019 15:14

Instrument :

BNA_F

ClientSampleId :

SA-06-062619-BMSD

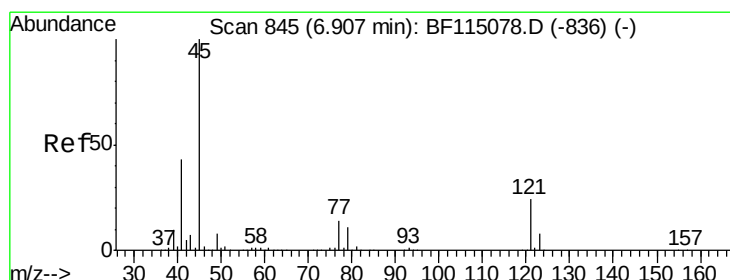
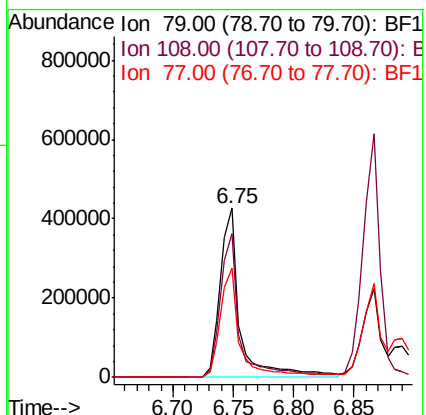
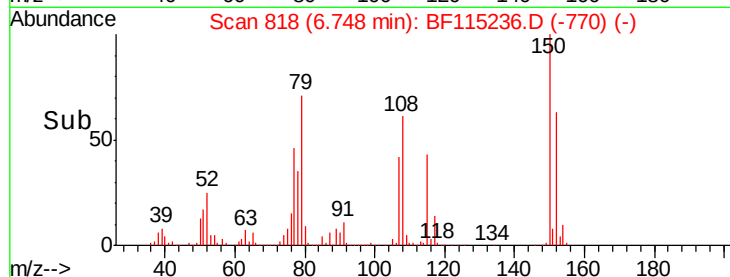
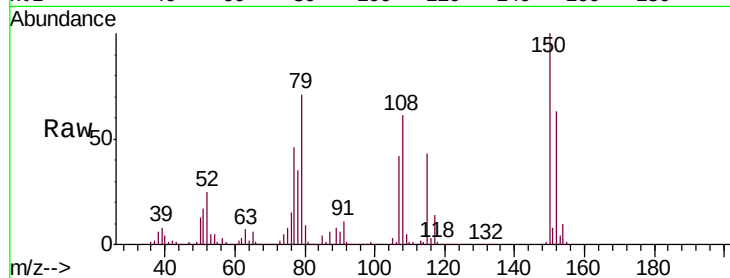
Tgt Ion: 79 Resp: 486765

Ion Ratio Lower Upper

79 100

108 85.5 68.7 103.1

77 64.5 51.7 77.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.216 ng

RT: 6.89 min Scan# 842

Delta R.T. -0.02 min

Lab File: BF115236.D

Acq: 27 Jun 2019 15:14

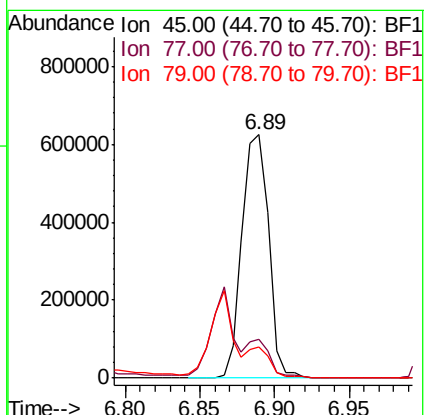
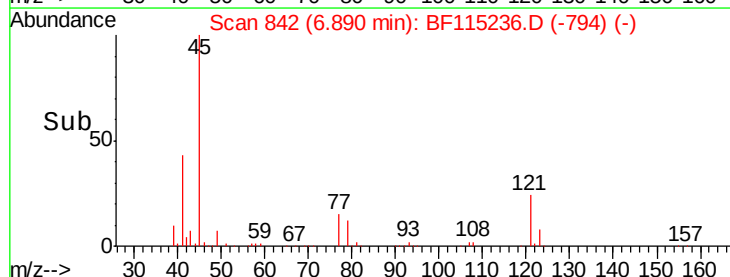
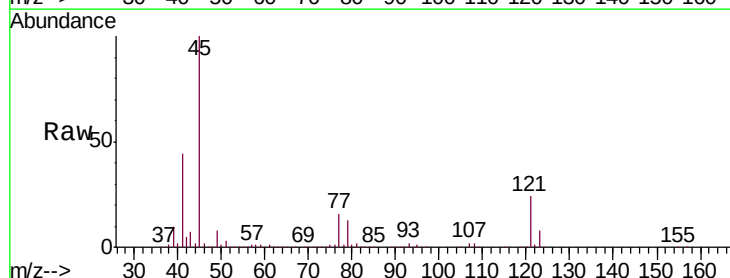
Tgt Ion: 45 Resp: 776486

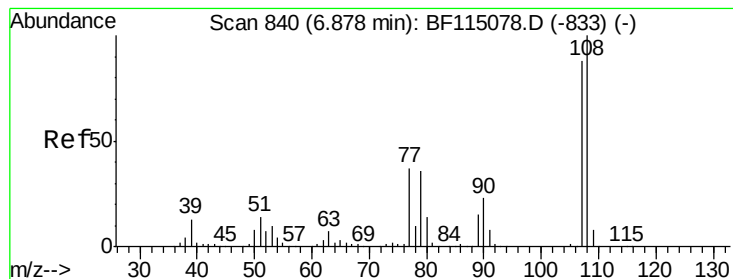
Ion Ratio Lower Upper

45 100

77 15.7 0.0 34.6

79 12.7 0.0 31.2





#17

2-Methylphenol

Concen: 35.190 ng

RT: 6.87 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF115236.D

Acq: 27 Jun 2019 15:14

Instrument :

BNA_F

ClientSampleId :

SA-06-062619-BMSD

Tgt Ion:107 Resp: 534480

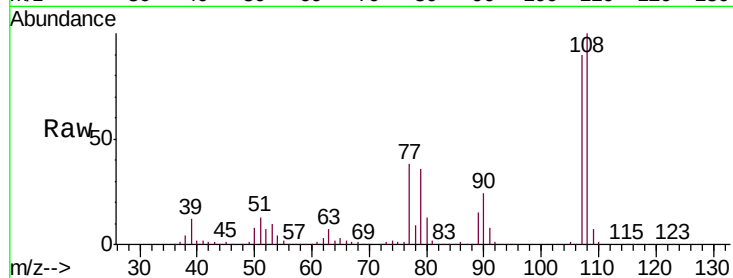
Ion Ratio Lower Upper

107 100

108 111.2 90.9 136.3

77 42.6 33.4 50.2

79 40.4 32.3 48.5

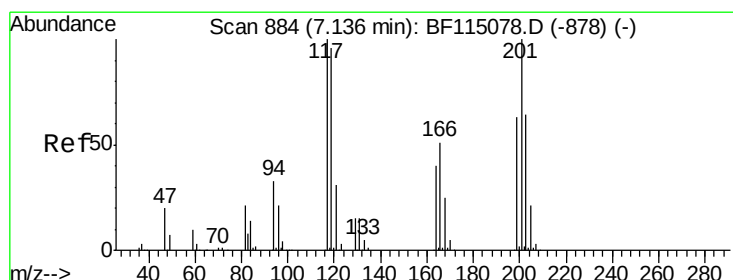
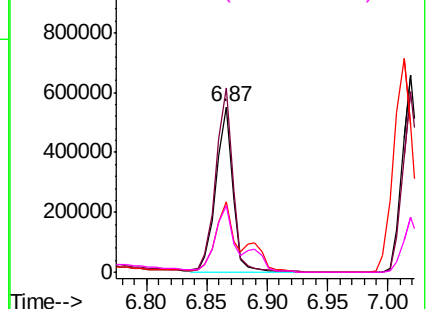
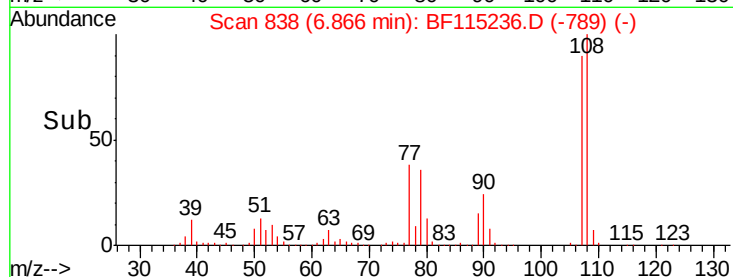


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 30.817 ng

RT: 7.11 min Scan# 880

Delta R.T. -0.02 min

Lab File: BF115236.D

Acq: 27 Jun 2019 15:14

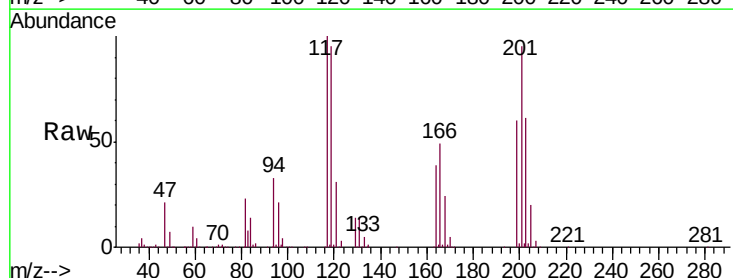
Tgt Ion:117 Resp: 227515

Ion Ratio Lower Upper

117 100

119 94.8 76.6 114.8

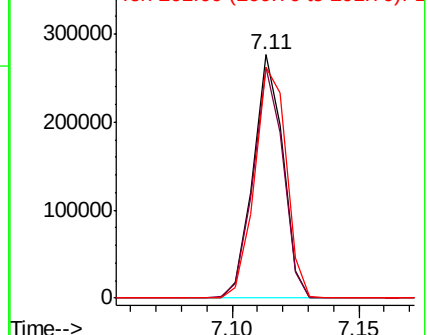
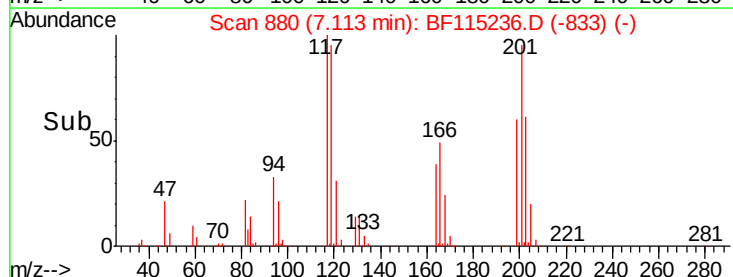
201 94.7 80.2 120.2

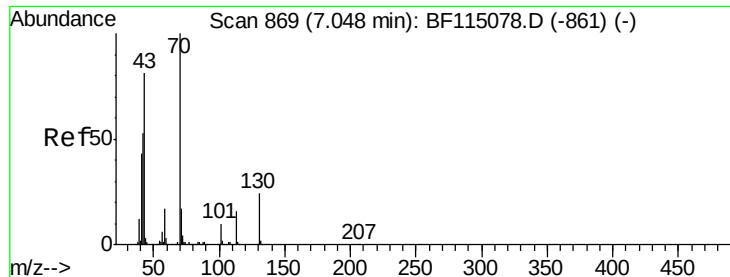


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

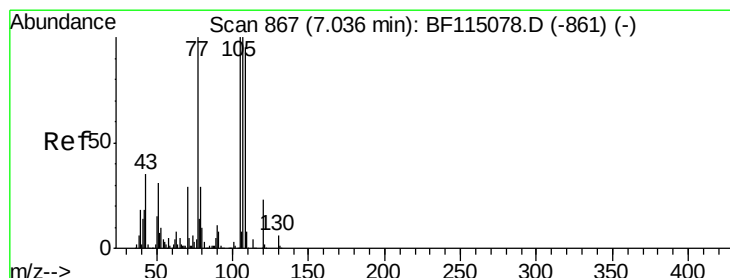
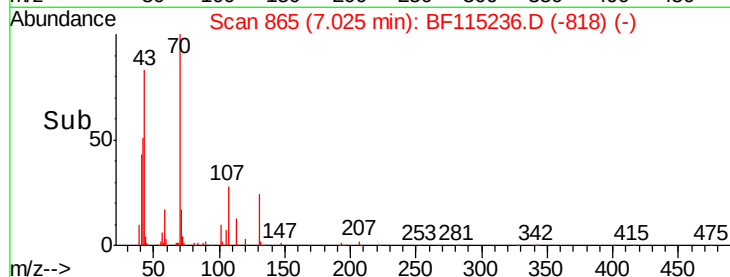
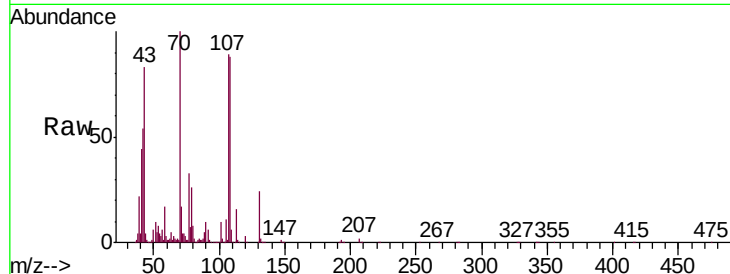
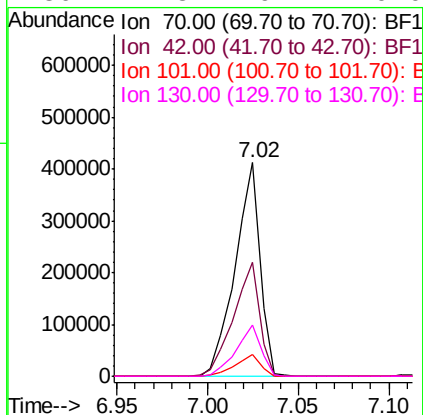




#19
n-Nitroso-di-n-propylamine
Concen: 31.084 ng
RT: 7.02 min Scan# 865
Delta R.T. -0.02 min
Lab File: BF115236.D
Acq: 27 Jun 2019 15:14

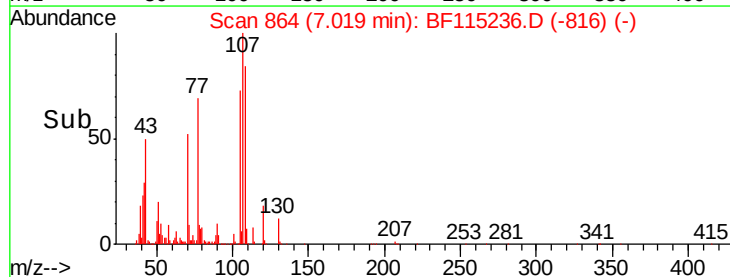
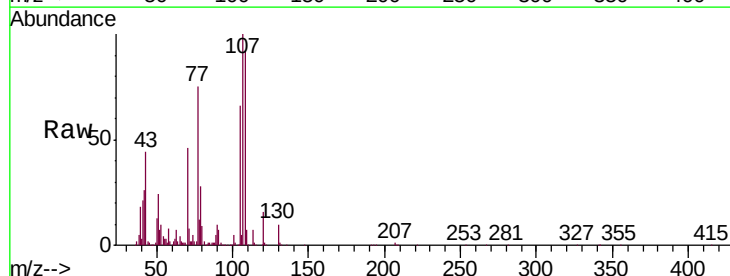
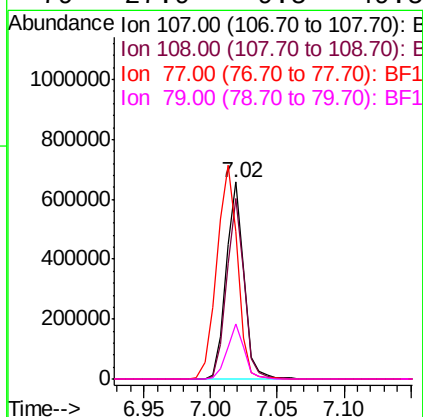
Instrument :
BNA_F
ClientSampleId :
SA-06-062619-BMSD

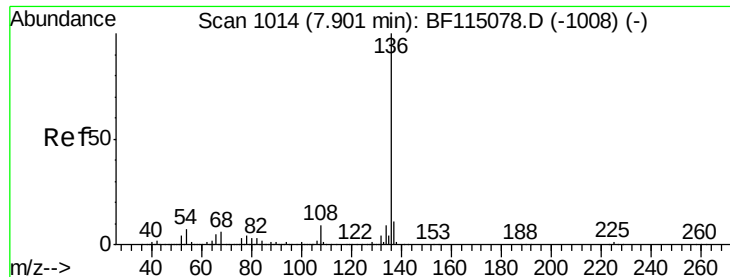
Tgt Ion	Ratio	Lower	Upper
70	100		
42	53.5	42.6	63.8
101	10.2	8.0	12.0
130	24.3	19.4	29.0



#20
3+4-Methylphenols
Concen: 35.188 ng
RT: 7.02 min Scan# 864
Delta R.T. -0.02 min
Lab File: BF115236.D
Acq: 27 Jun 2019 15:14

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.9	75.5	115.5
77	74.7	80.2	120.2
79	27.9	9.5	49.5

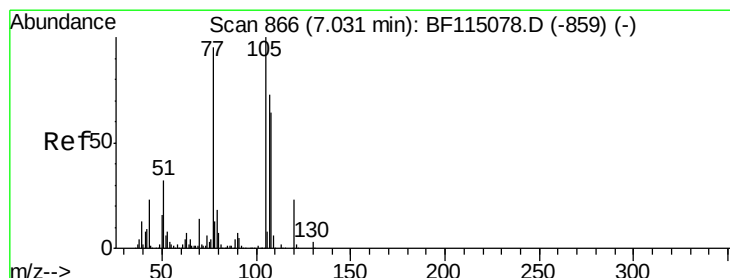
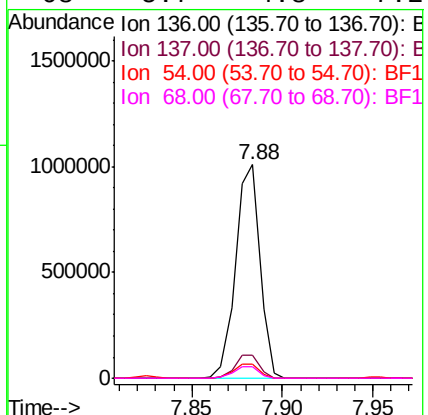
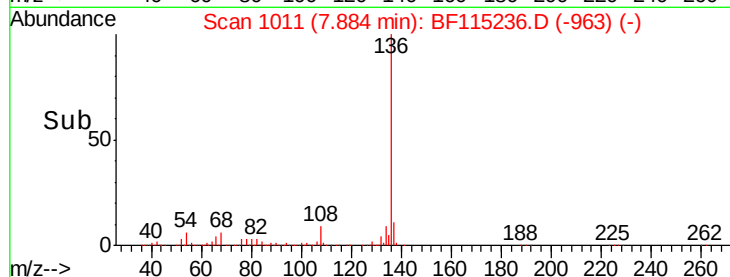
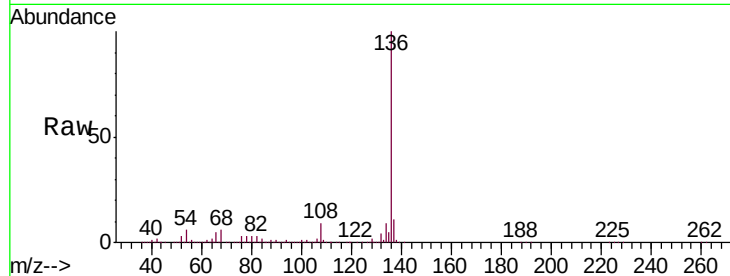




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.88 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BF115236.D
Acq: 27 Jun 2019 15:14

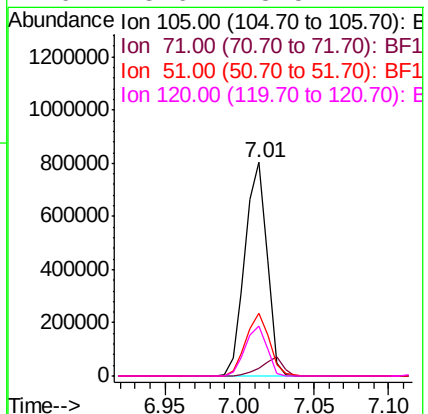
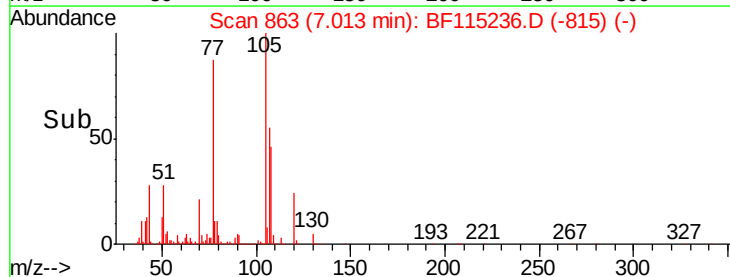
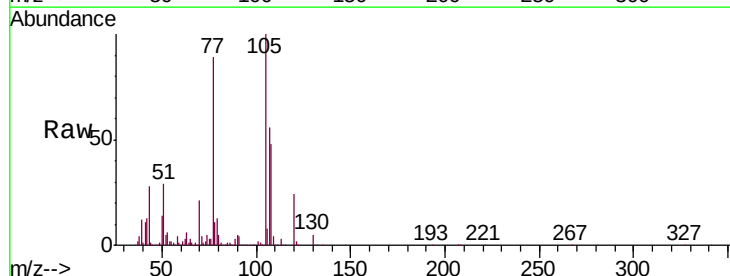
Instrument :
BNA_F
ClientSampleId :
SA-06-062619-BMSD

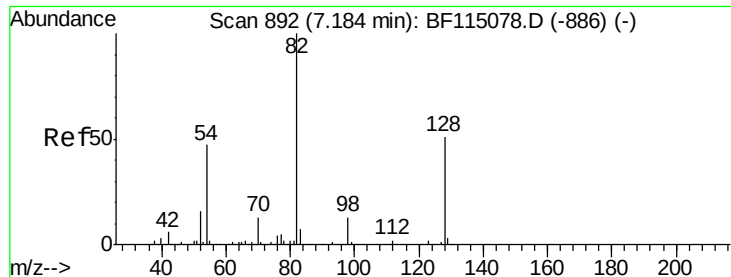
Tgt Ion:	136	Resp:	945084
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	6.4	5.6	8.4
68	5.7	4.8	7.2



#22
Acetophenone
Concen: 38.106 ng
RT: 7.01 min Scan# 863
Delta R.T. -0.02 min
Lab File: BF115236.D
Acq: 27 Jun 2019 15:14

Tgt Ion:	105	Resp:	824468
Ion	Ratio	Lower	Upper
105	100		
71	3.8	1.9	2.9#
51	29.1	25.8	38.8
120	23.6	18.5	27.7

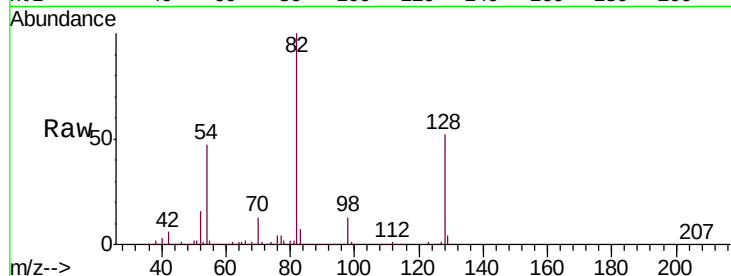




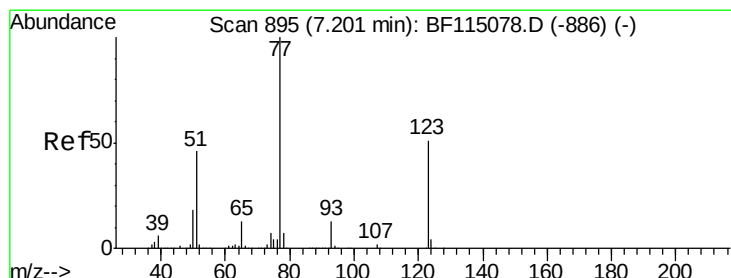
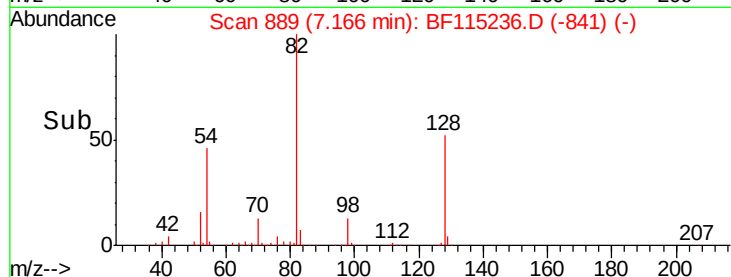
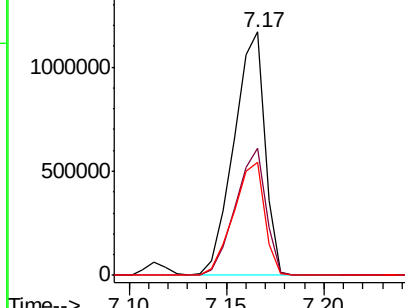
#23
 Nitrobenzene-d5
 Concen: 83.908 ng
 RT: 7.17 min Scan# 889
 Delta R.T. -0.02 min
 Lab File: BF115236.D
 Acq: 27 Jun 2019 15:14

Instrument :
 BNA_F
 ClientSampleId :
 SA-06-062619-BMSD

Tgt Ion: 82 Resp: 1289109
 Ion Ratio Lower Upper
 82 100
 128 52.5 40.4 60.6
 54 46.5 37.5 56.3

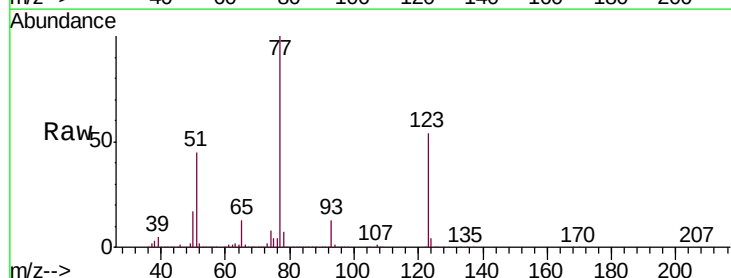


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

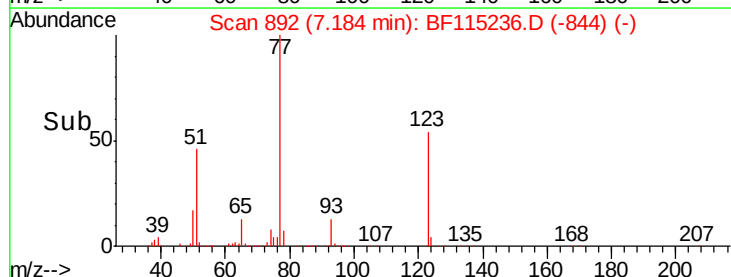
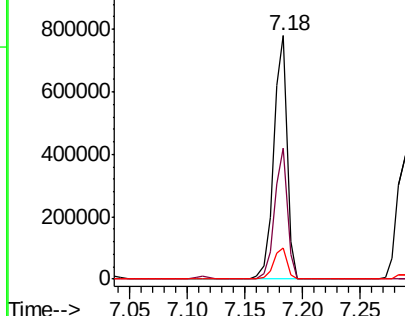


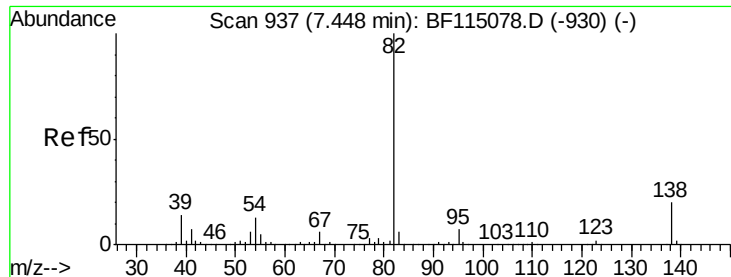
#24
 Nitrobenzene
 Concen: 37.056 ng
 RT: 7.18 min Scan# 892
 Delta R.T. -0.02 min
 Lab File: BF115236.D
 Acq: 27 Jun 2019 15:14

Tgt Ion: 77 Resp: 627194
 Ion Ratio Lower Upper
 77 100
 123 53.9 41.0 61.6
 65 13.0 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: 35.535 ng

RT: 7.42 min Scan# 933

Delta R.T. -0.02 min

Lab File: BF115236.D

Acq: 27 Jun 2019 15:14

Instrument :

BNA_F

ClientSampleId :

SA-06-062619-BMSD

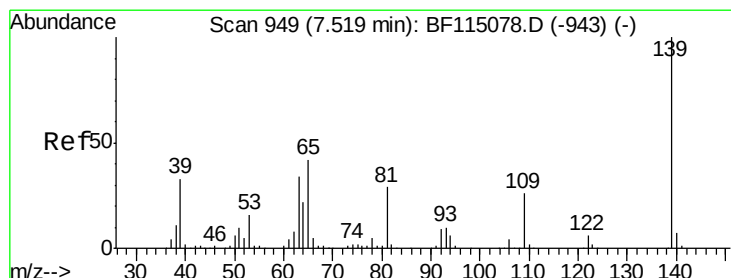
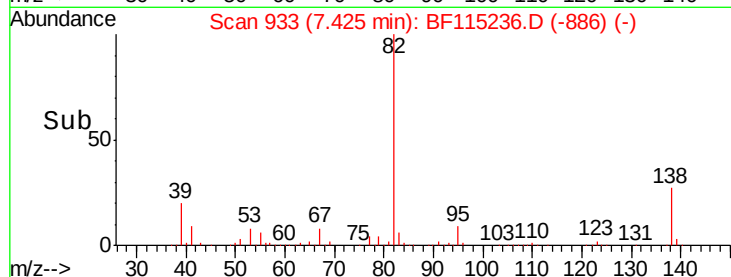
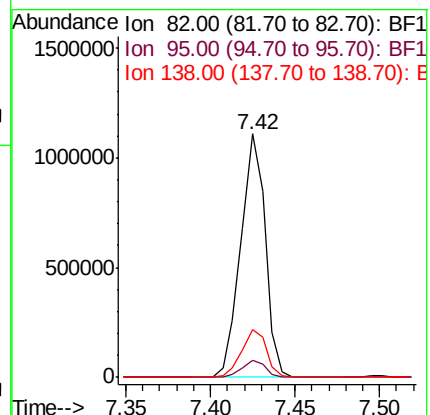
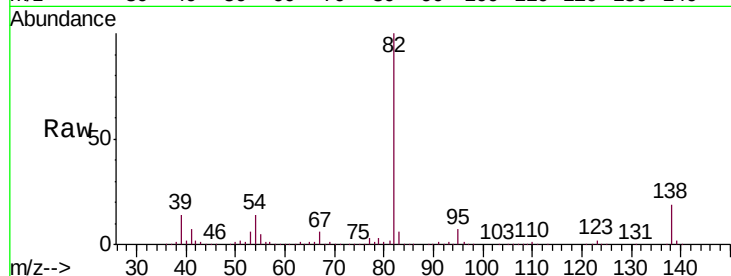
Tgt Ion: 82 Resp: 1118373

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.2

138 19.4 15.9 23.9



#26

2-Nitrophenol

Concen: 40.665 ng

RT: 7.50 min Scan# 946

Delta R.T. -0.02 min

Lab File: BF115236.D

Acq: 27 Jun 2019 15:14

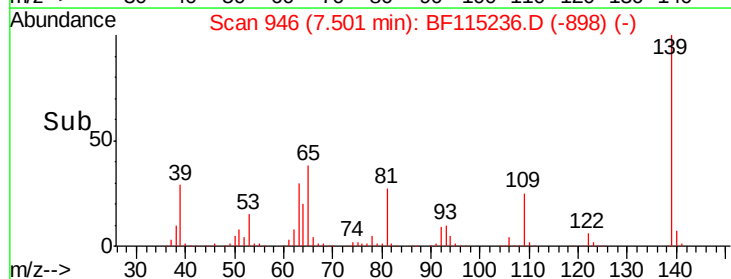
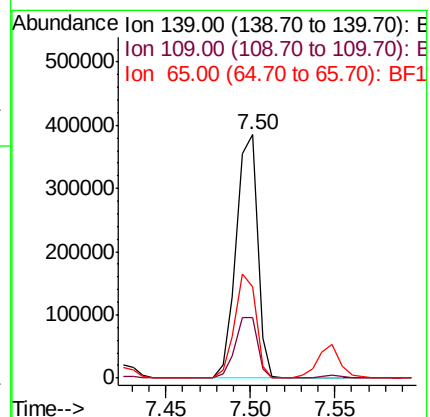
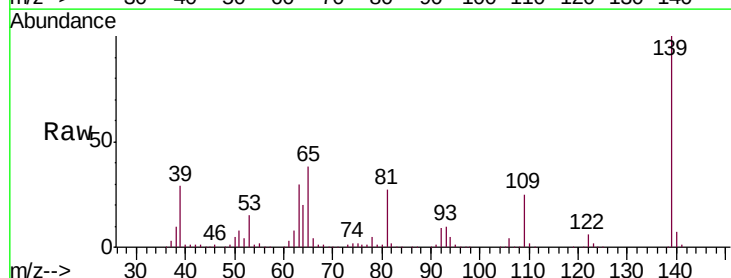
Tgt Ion: 139 Resp: 339903

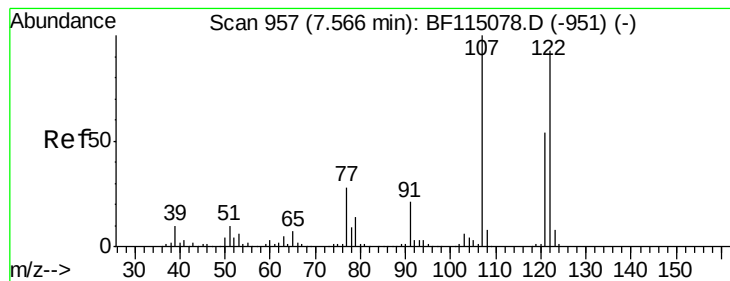
Ion Ratio Lower Upper

139 100

109 25.0 20.4 30.6

65 37.5 33.6 50.4





#27

2,4-Dimethylphenol

Concen: 41.516 ng

RT: 7.55 min Scan# 954

Delta R.T. -0.02 min

Lab File: BF115236.D

Acq: 27 Jun 2019 15:14

Instrument :

BNA_F

ClientSampleId :

SA-06-062619-BMSD

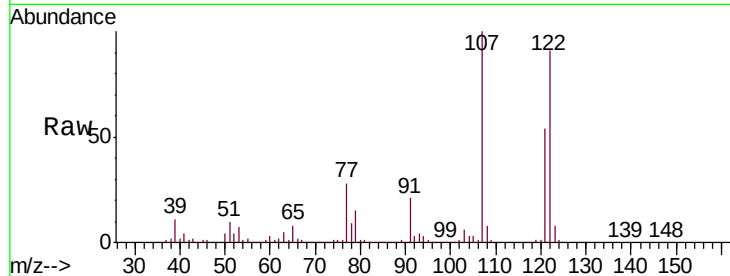
Tgt Ion: 122 Resp: 568163

Ion Ratio Lower Upper

122 100

107 109.8 85.8 128.6

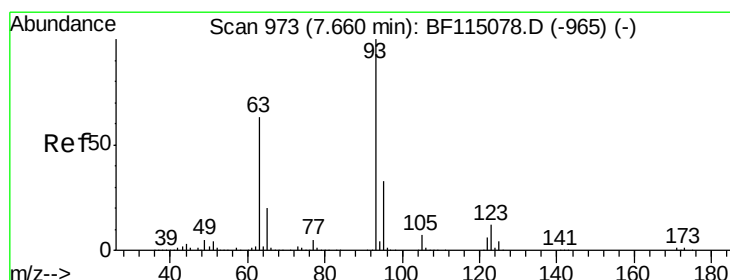
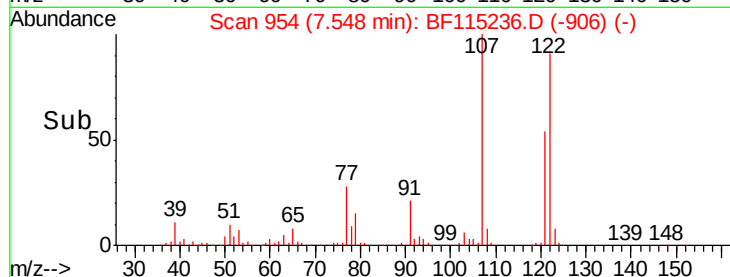
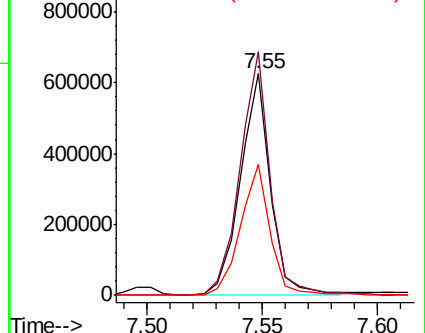
121 59.3 46.3 69.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 35.810 ng

RT: 7.64 min Scan# 970

Delta R.T. -0.02 min

Lab File: BF115236.D

Acq: 27 Jun 2019 15:14

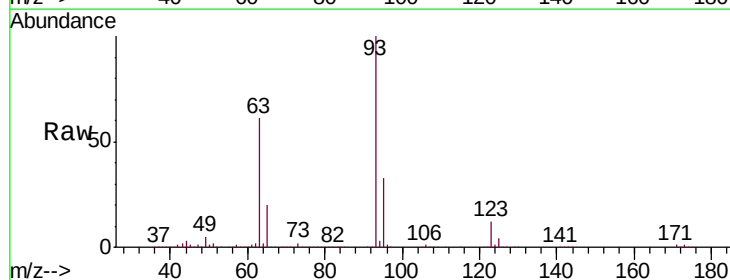
Tgt Ion: 93 Resp: 712341

Ion Ratio Lower Upper

93 100

95 32.9 26.2 39.4

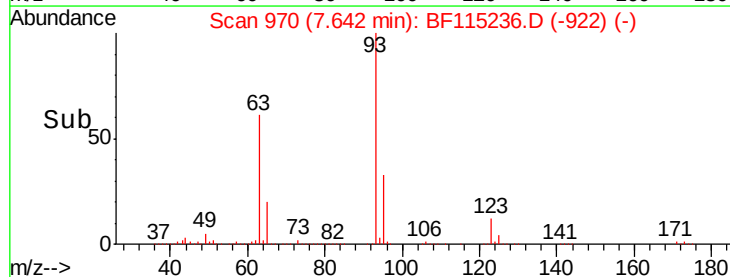
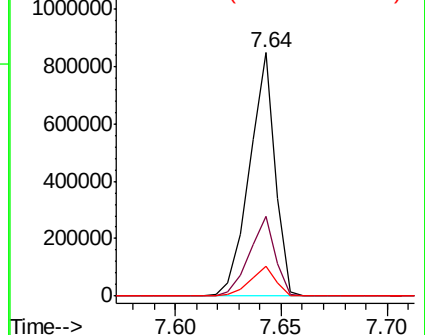
123 12.1 9.7 14.5

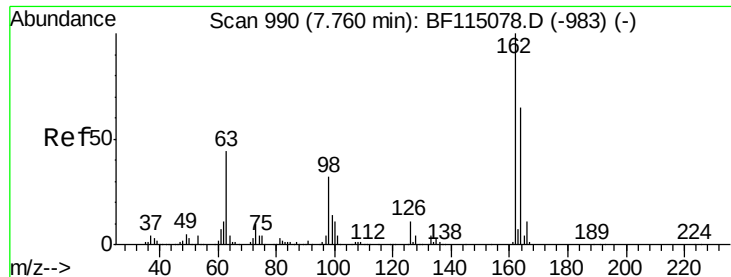


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 38.268 ng

RT: 7.74 min Scan# 987

Delta R.T. -0.02 min

Lab File: BF115236.D

Acq: 27 Jun 2019 15:14

Instrument :

BNA_F

ClientSampleId :

SA-06-062619-BMSD

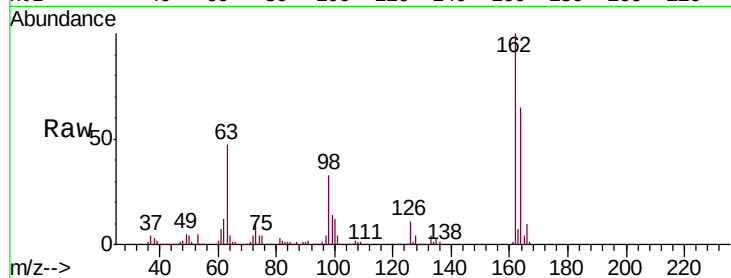
Tgt Ion:162 Resp: 540461

Ion Ratio Lower Upper

162 100

164 64.9 45.3 85.3

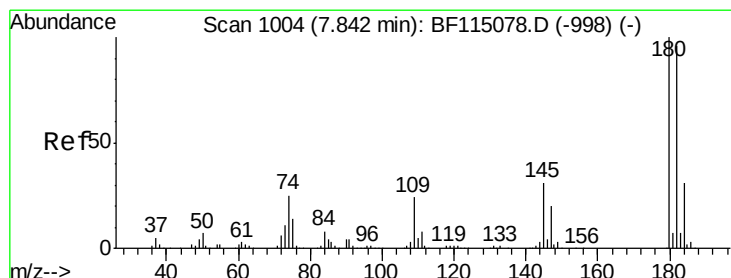
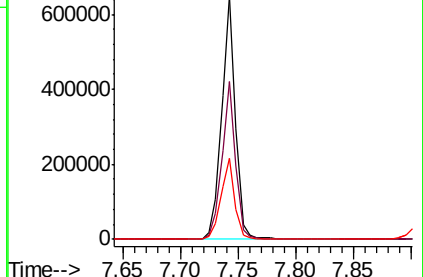
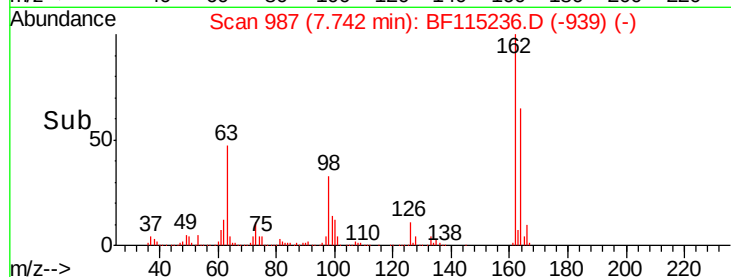
98 33.3 12.5 52.5



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: 36.789 ng

RT: 7.82 min Scan# 1001

Delta R.T. -0.02 min

Lab File: BF115236.D

Acq: 27 Jun 2019 15:14

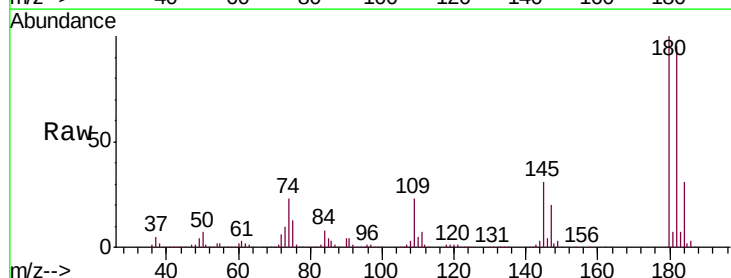
Tgt Ion:180 Resp: 573920

Ion Ratio Lower Upper

180 100

182 95.0 76.4 114.6

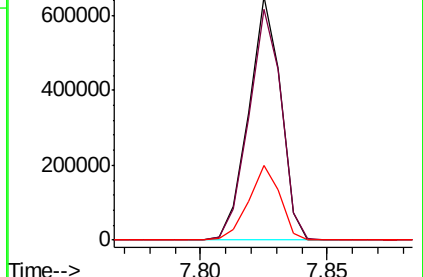
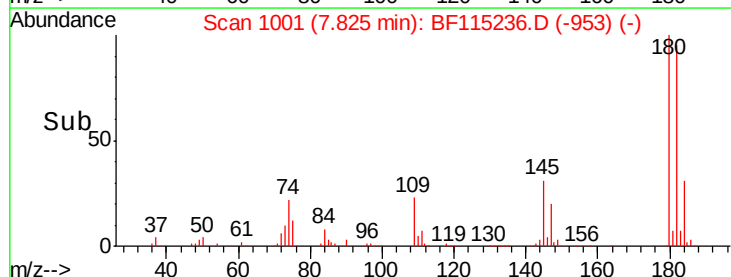
145 30.7 24.8 37.2

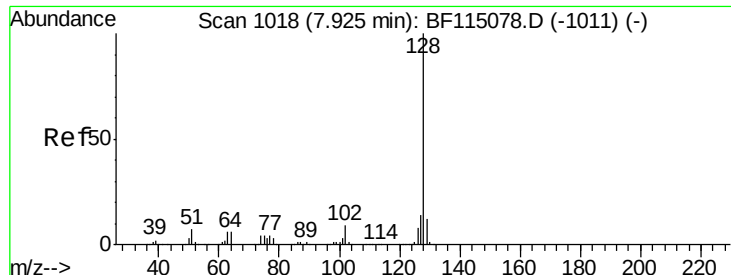


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

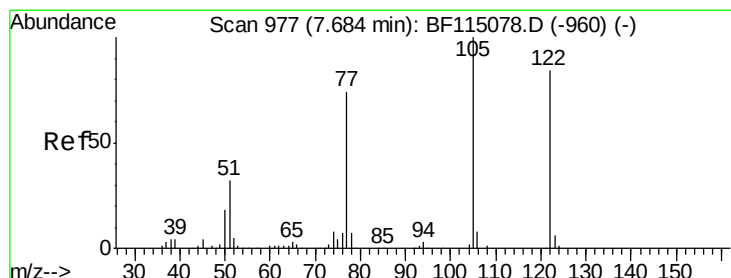
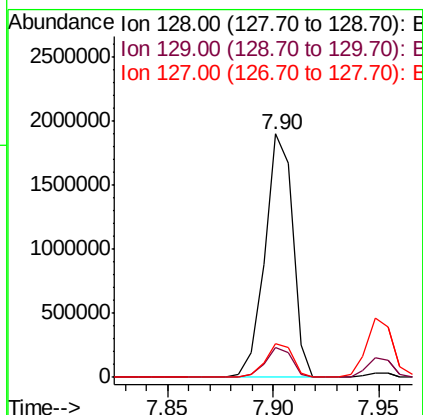
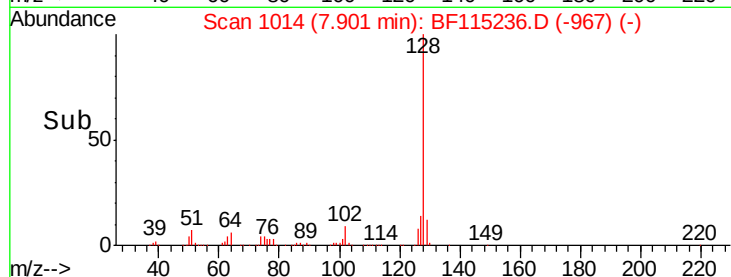
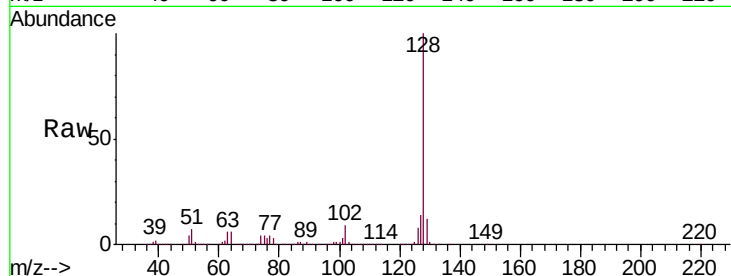




#31
Naphthalene
Concen: 37.493 ng
RT: 7.90 min Scan# 1014
Delta R.T. -0.02 min
Lab File: BF115236.D
Acq: 27 Jun 2019 15:14

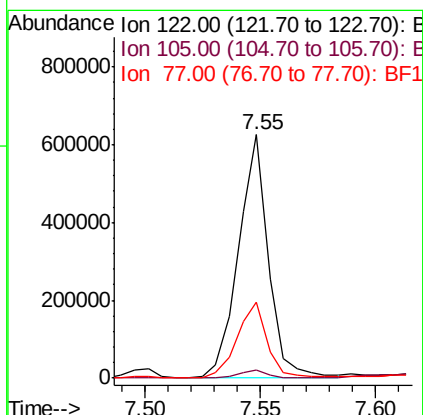
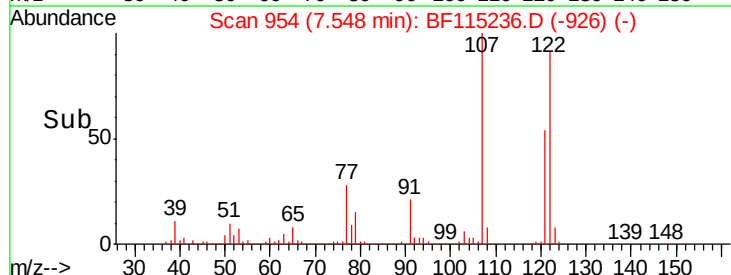
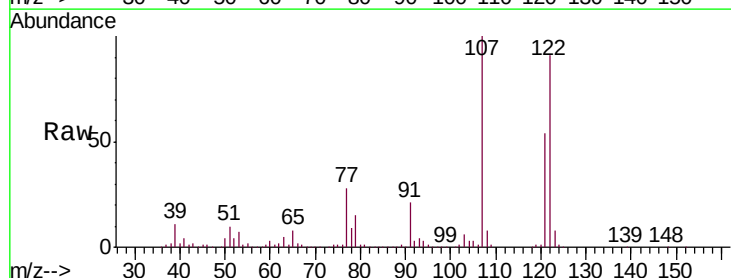
Instrument :
BNA_F
ClientSampleId :
SA-06-062619-BMSD

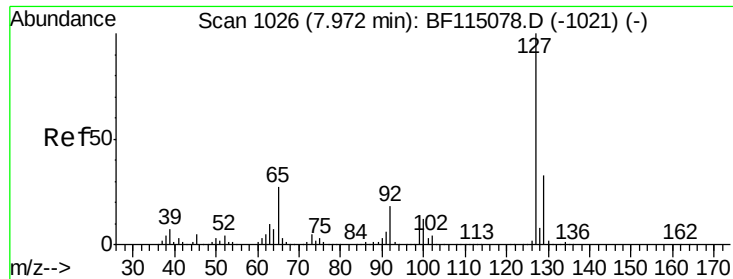
Tgt Ion:128 Resp: 1739353
Ion Ratio Lower Upper
128 100
129 12.2 9.6 14.4
127 14.1 11.4 17.0



#32
Benzoic acid
Concen: 58.161 ng
RT: 7.55 min Scan# 954
Delta R.T. -0.14 min
Lab File: BF115236.D
Acq: 27 Jun 2019 15:14

Tgt Ion:122 Resp: 568163
Ion Ratio Lower Upper
122 100
105 3.5 98.2 138.2#
77 31.3 67.0 107.0#

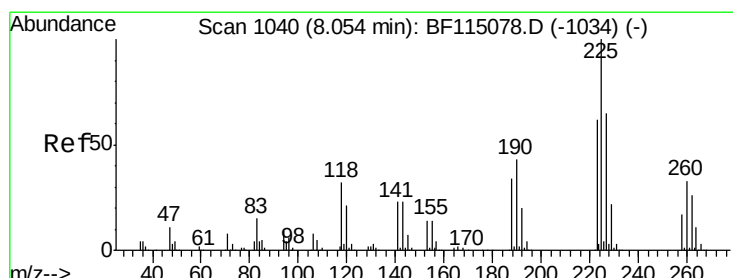
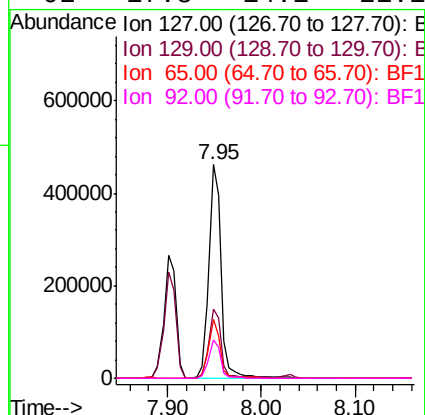
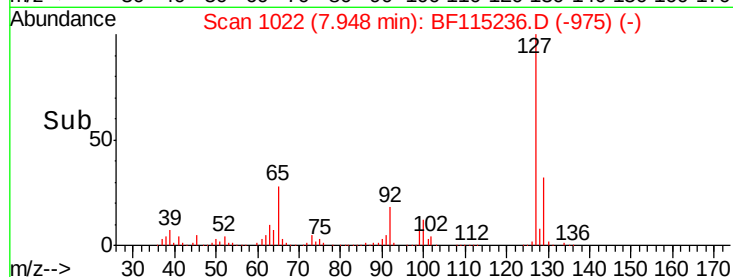
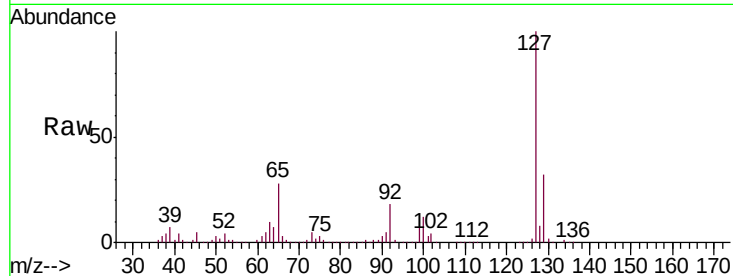




#33
4-Chloroaniline
Concen: 19.917 ng
RT: 7.95 min Scan# 1022
Delta R.T. -0.02 min
Lab File: BF115236.D
Acq: 27 Jun 2019 15:14

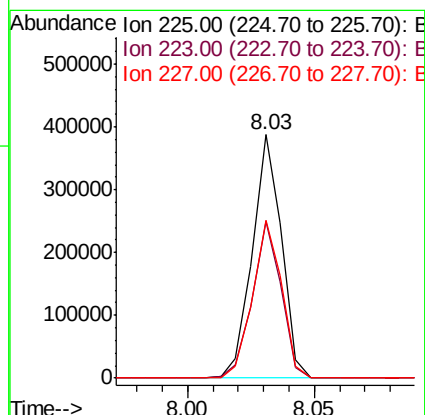
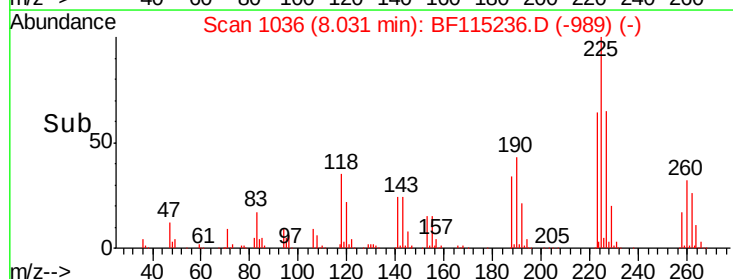
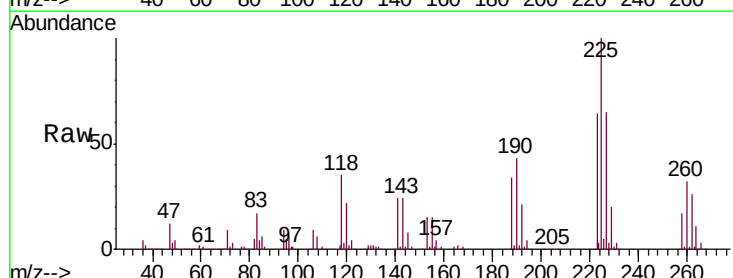
Instrument :
BNA_F
ClientSampleId :
SA-06-062619-BMSD

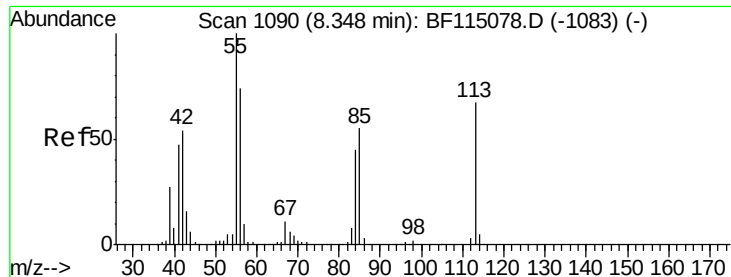
Tgt Ion:	127	Resp:	422277
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.1	39.1
65	27.8	21.4	32.2
92	17.8	14.1	21.1



#34
Hexachlorobutadiene
Concen: 36.188 ng
RT: 8.03 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BF115236.D
Acq: 27 Jun 2019 15:14

Tgt Ion:	225	Resp:	309372
Ion	Ratio	Lower	Upper
225	100		
223	64.3	49.4	74.2
227	64.6	51.8	77.8

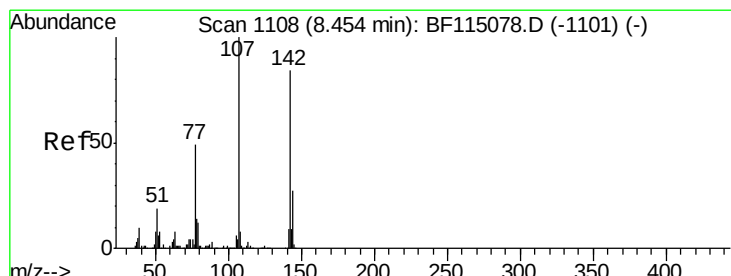
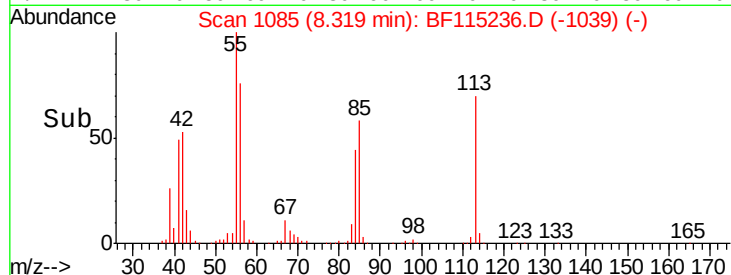
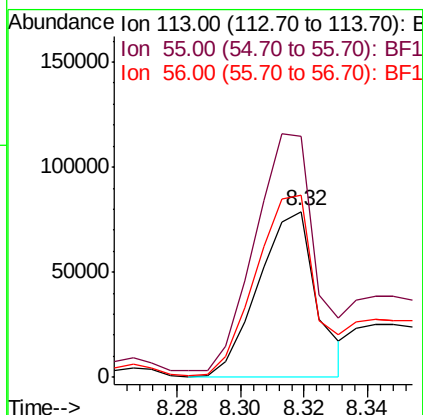
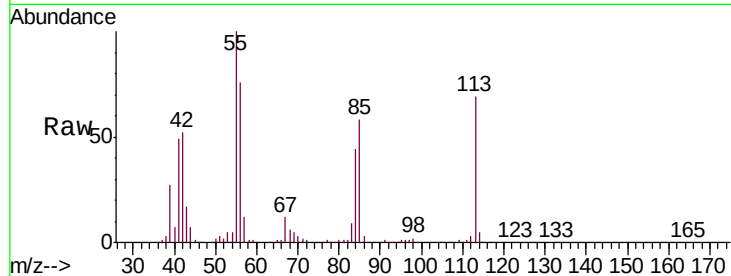




#35
 Caprolactam
 Concen: 21.086 ng
 RT: 8.32 min Scan# 1085
 Delta R.T. -0.03 min
 Lab File: BF115236.D
 Acq: 27 Jun 2019 15:14

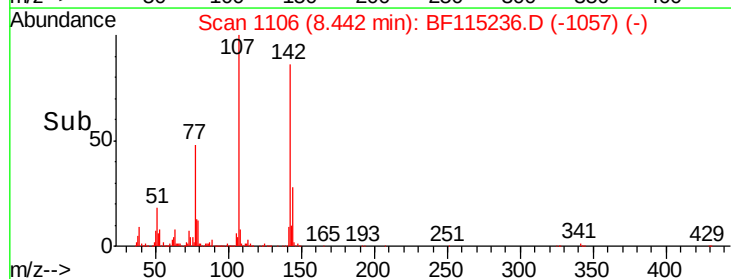
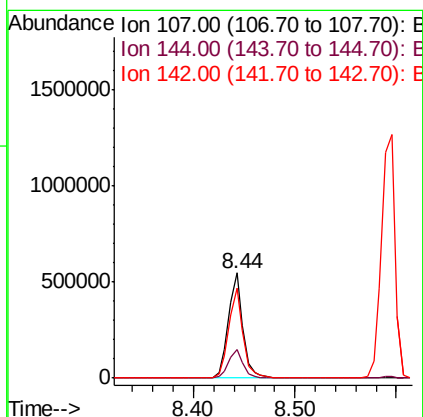
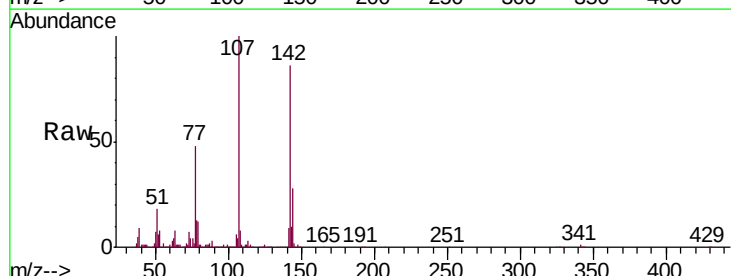
Instrument :
 BNA_F
 ClientSampleId :
 SA-06-062619-BMSD

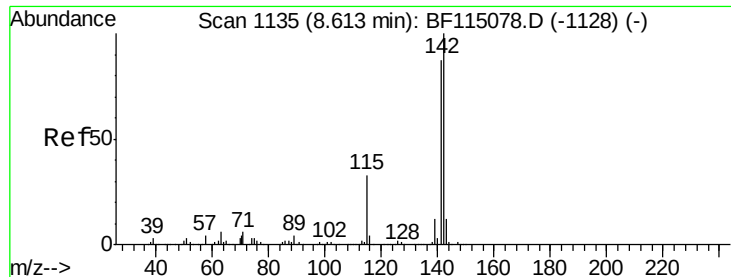
Tgt Ion:113 Resp: 100123
 Ion Ratio Lower Upper
 113 100
 55 144.9 130.2 170.2
 56 110.0 91.6 131.6



#36
 4-Chloro-3-methylphenol
 Concen: 38.044 ng
 RT: 8.44 min Scan# 1106
 Delta R.T. -0.01 min
 Lab File: BF115236.D
 Acq: 27 Jun 2019 15:14

Tgt Ion:107 Resp: 544144
 Ion Ratio Lower Upper
 107 100
 144 27.6 21.7 32.5
 142 85.7 67.0 100.4

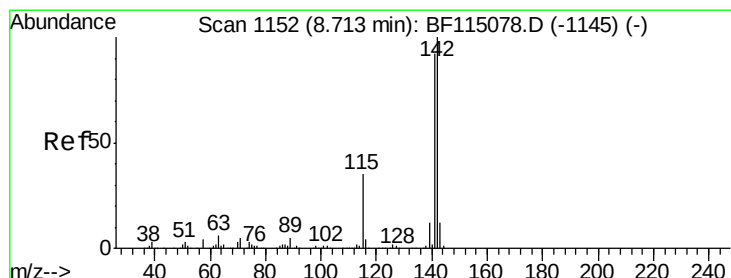
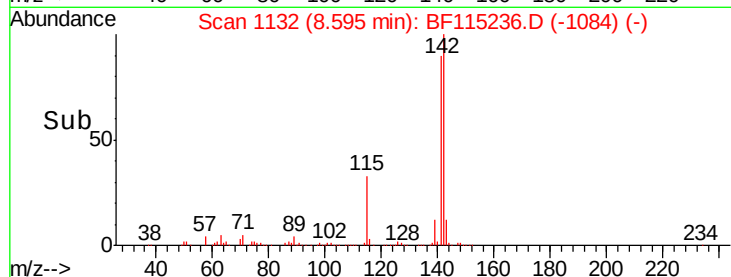
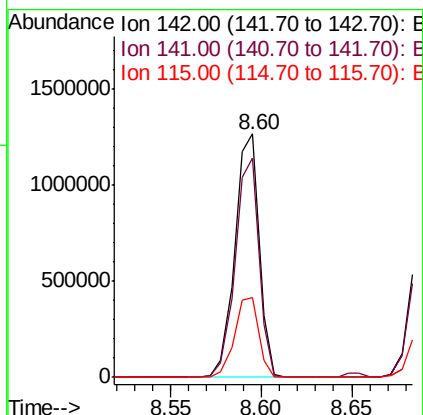
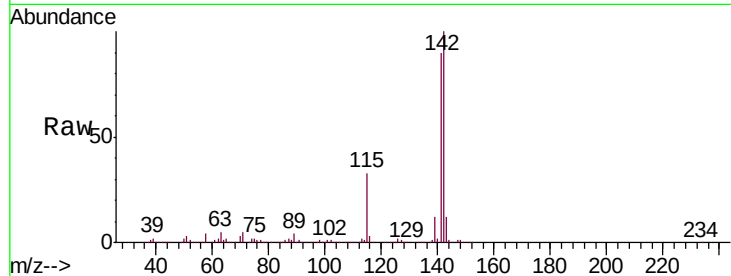




#37
2-Methylnaphthalene
Concen: 37.699 ng
RT: 8.60 min Scan# 1132
Delta R.T. -0.02 min
Lab File: BF115236.D
Acq: 27 Jun 2019 15:14

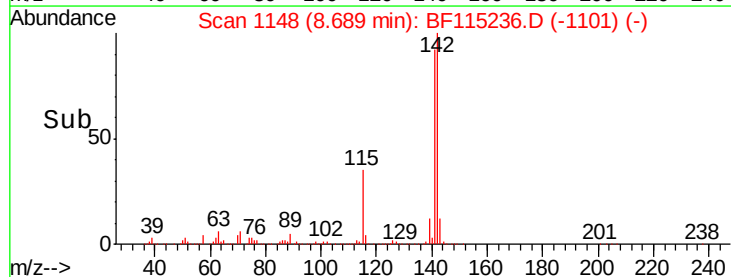
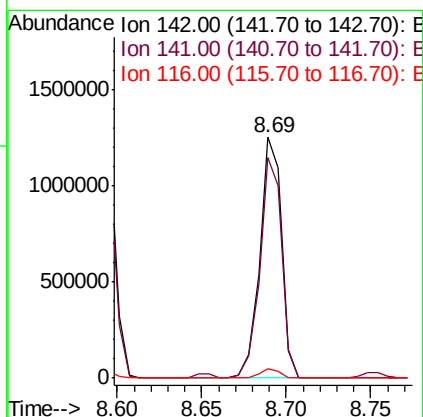
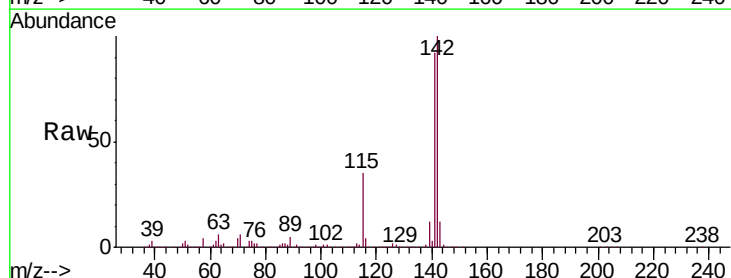
Instrument :
BNA_F
ClientSampleId :
SA-06-062619-BMSD

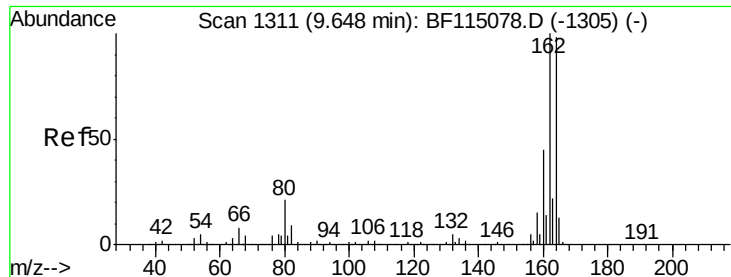
Tgt Ion:142 Resp: 1179215
Ion Ratio Lower Upper
142 100
141 90.3 69.8 104.6
115 32.9 26.7 40.1



#38
1-Methylnaphthalene
Concen: 37.509 ng
RT: 8.69 min Scan# 1148
Delta R.T. -0.02 min
Lab File: BF115236.D
Acq: 27 Jun 2019 15:14

Tgt Ion:142 Resp: 1120562
Ion Ratio Lower Upper
142 100
141 91.7 73.8 110.8
116 3.8 2.8 4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.63 min Scan# 1308

Delta R.T. -0.02 min

Lab File: BF115236.D

Acq: 27 Jun 2019 15:14

Instrument :

BNA_F

ClientSampleId :

SA-06-062619-BMSD

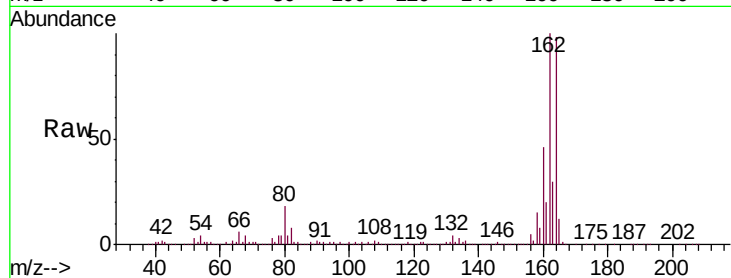
Tgt Ion:164 Resp: 459040

Ion Ratio Lower Upper

164 100

162 102.1 81.7 122.5

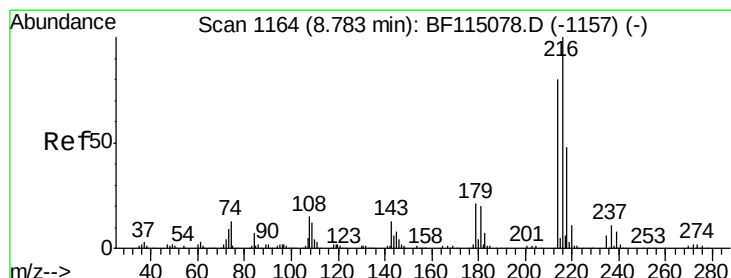
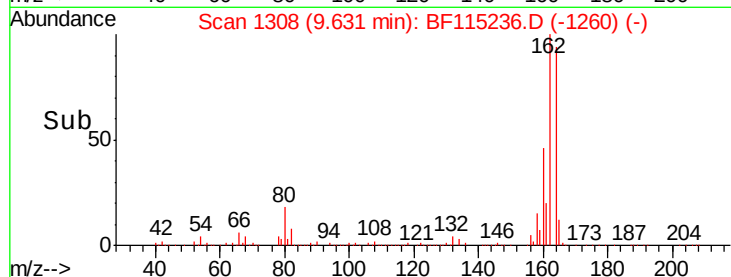
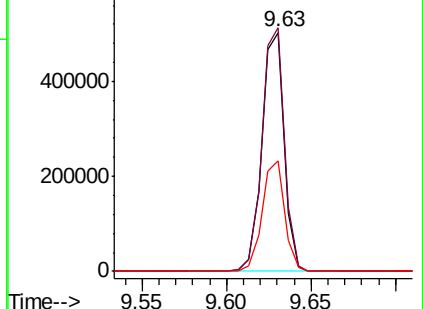
160 46.6 37.0 55.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.539 ng

RT: 8.76 min Scan# 1160

Delta R.T. -0.02 min

Lab File: BF115236.D

Acq: 27 Jun 2019 15:14

Tgt Ion:216 Resp: 525856

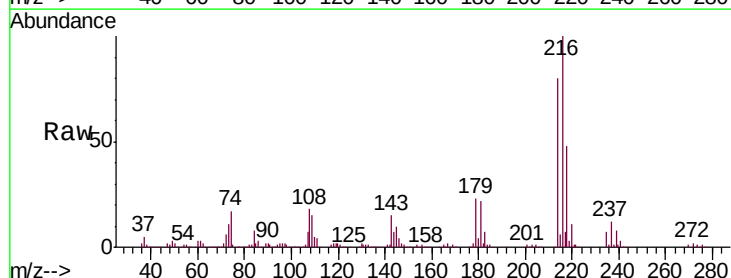
Ion Ratio Lower Upper

216 100

214 79.5 63.8 95.6

179 22.8 17.6 26.4

108 18.6 15.7 23.5

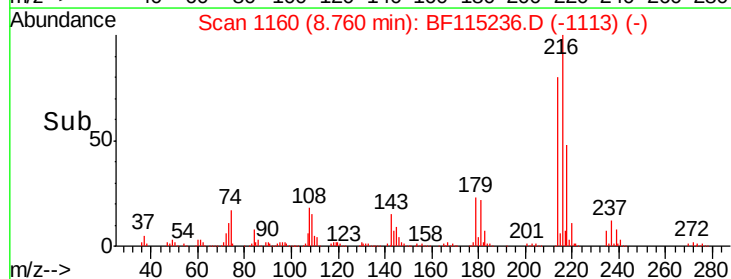
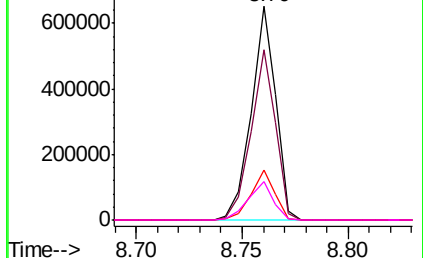


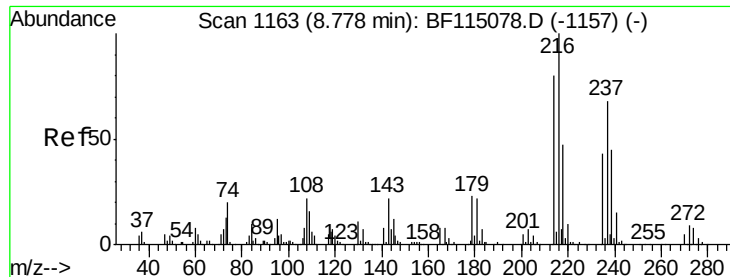
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 27.525 ng

RT: 8.75 min Scan# 1159

Delta R.T. -0.02 min

Lab File: BF115236.D

Acq: 27 Jun 2019 15:14

Instrument :

BNA_F

ClientSampleId :

SA-06-062619-BMSD

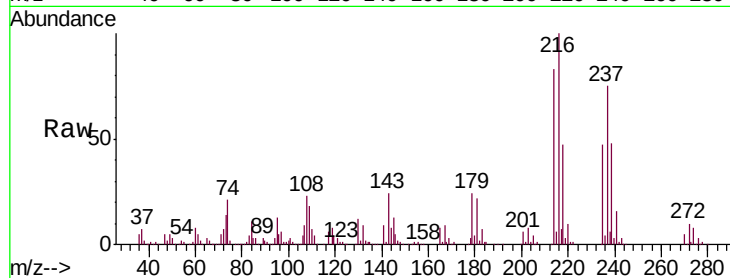
Tgt Ion: 237 Resp: 211716

Ion Ratio Lower Upper

237 100

235 63.0 43.9 83.9

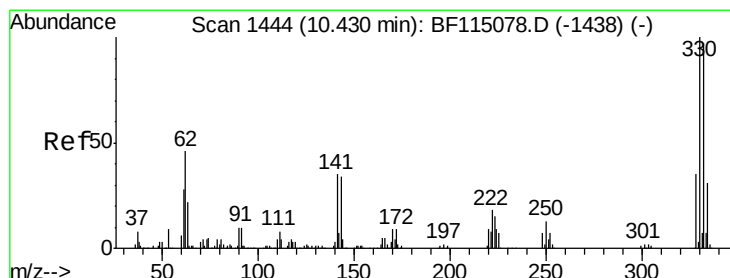
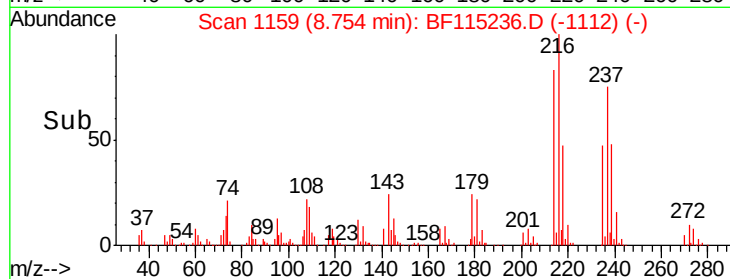
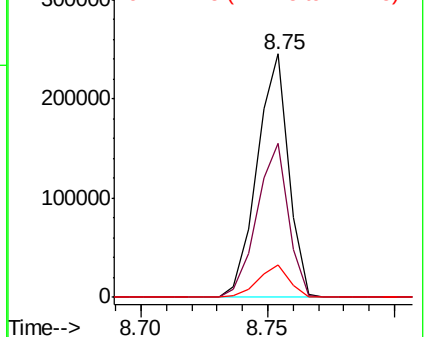
272 13.3 0.0 33.8



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: 116.218 ng

RT: 10.41 min Scan# 1441

Delta R.T. -0.02 min

Lab File: BF115236.D

Acq: 27 Jun 2019 15:14

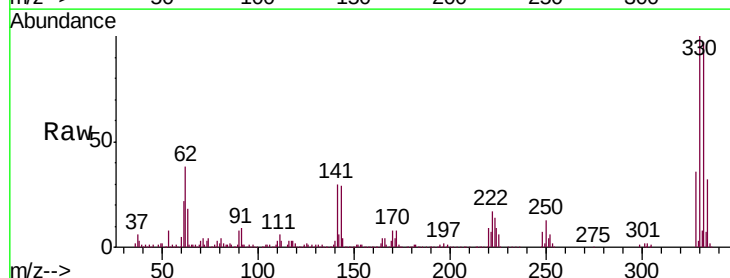
Tgt Ion: 330 Resp: 562580

Ion Ratio Lower Upper

330 100

332 97.2 77.3 115.9

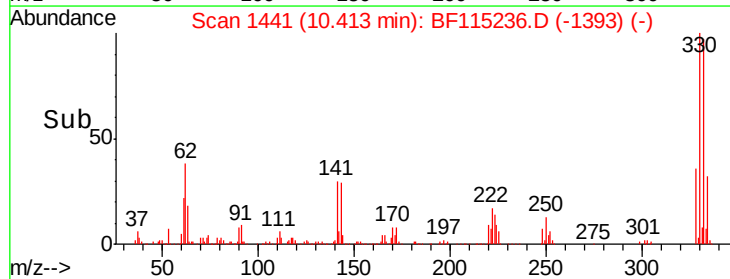
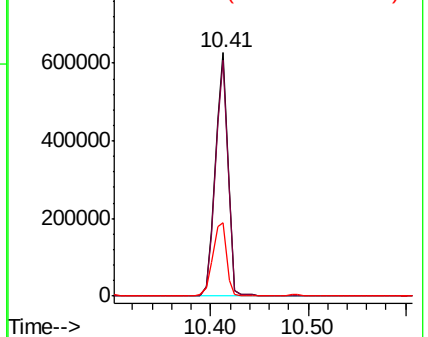
141 32.9 28.2 42.2

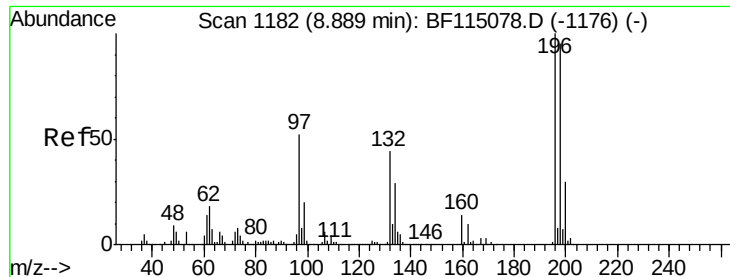


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

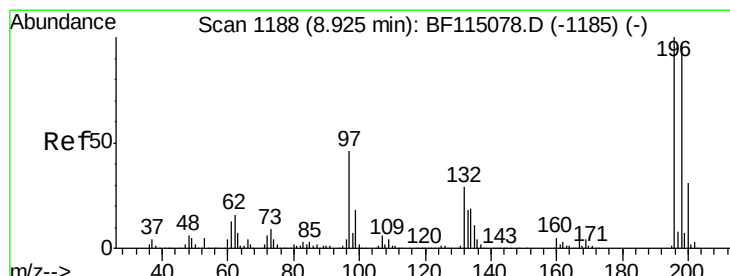
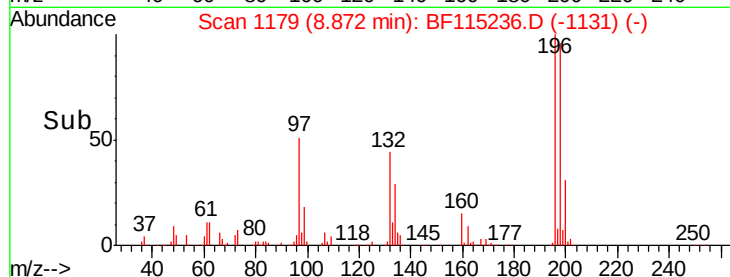
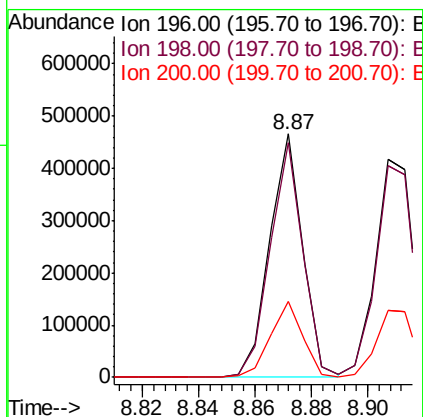
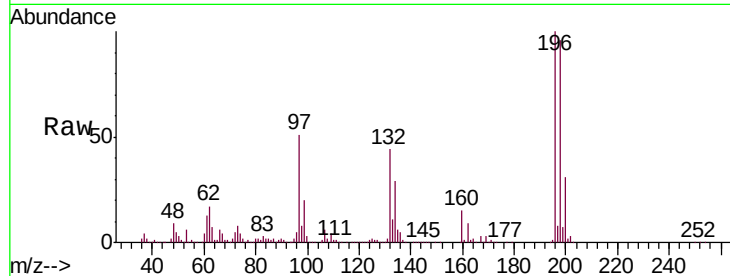




#43
 2,4,6-Trichlorophenol
 Concen: 37.765 ng
 RT: 8.87 min Scan# 1179
 Delta R.T. -0.02 min
 Lab File: BF115236.D
 Acq: 27 Jun 2019 15:14

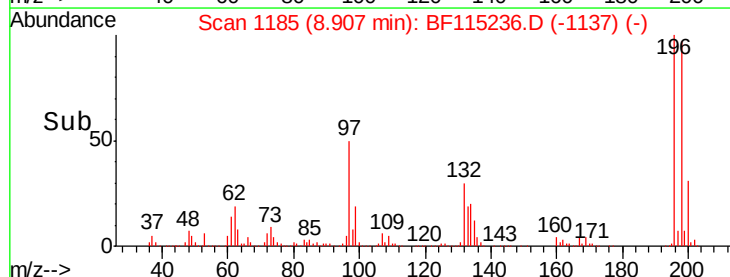
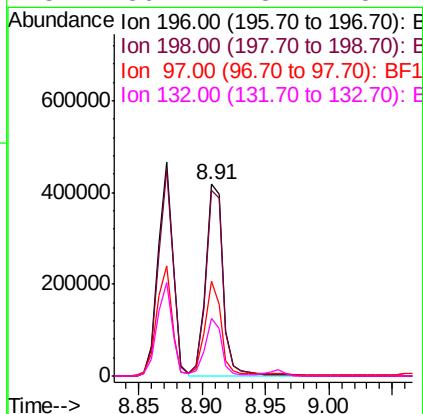
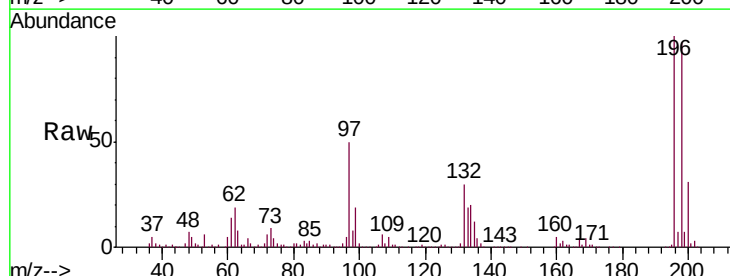
Instrument :
 BNA_F
 ClientSampleId :
 SA-06-062619-BMSD

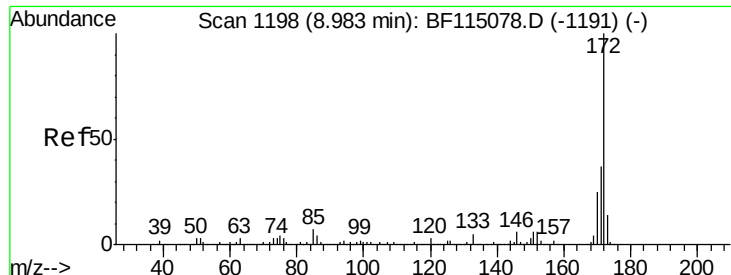
Tgt Ion:196 Resp: 378201
 Ion Ratio Lower Upper
 196 100
 198 96.3 76.3 114.5
 200 31.2 24.2 36.4



#44
 2,4,5-Trichlorophenol
 Concen: 39.320 ng
 RT: 8.91 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF115236.D
 Acq: 27 Jun 2019 15:14

Tgt Ion:196 Resp: 405510
 Ion Ratio Lower Upper
 196 100
 198 96.9 77.1 115.7
 97 49.8 37.7 56.5
 132 30.2 23.1 34.7





#45

2-Fluorobiphenyl

Concen: 84.778 ng

RT: 8.96 min Scan# 1194

Delta R.T. -0.02 min

Lab File: BF115236.D

Acq: 27 Jun 2019 15:14

Instrument :

BNA_F

ClientSampleId :

SA-06-062619-BMSD

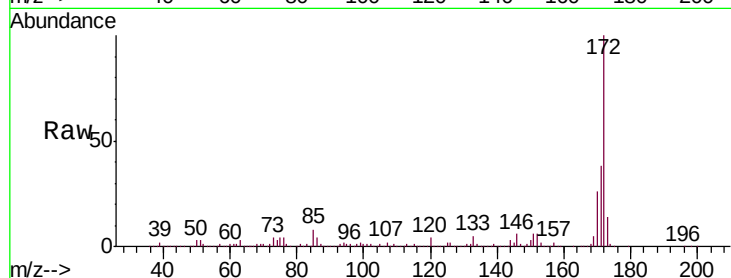
Tgt Ion:172 Resp: 2291072

Ion Ratio Lower Upper

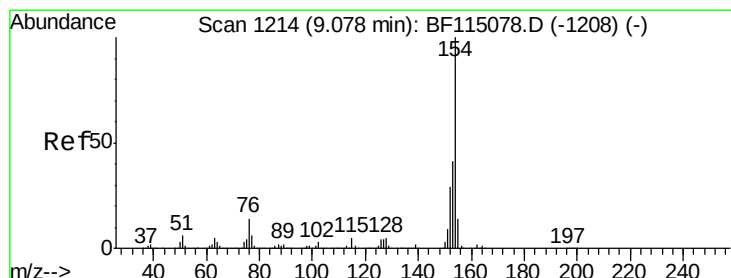
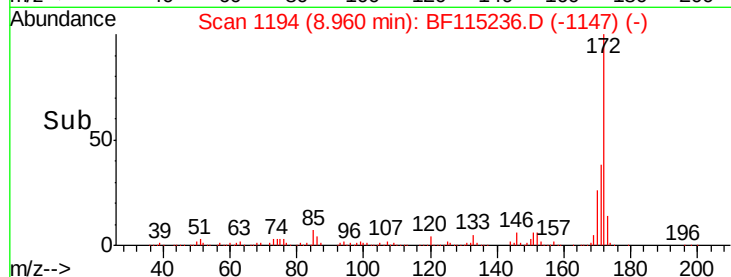
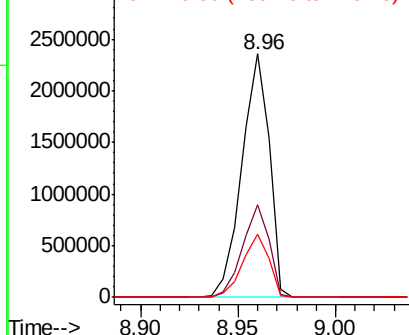
172 100

171 38.1 29.8 44.6

170 26.0 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: 37.639 ng

RT: 9.06 min Scan# 1211

Delta R.T. -0.02 min

Lab File: BF115236.D

Acq: 27 Jun 2019 15:14

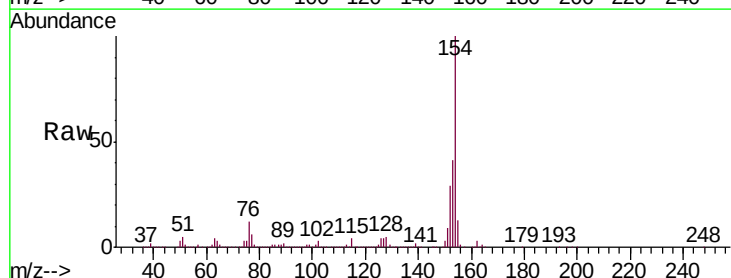
Tgt Ion:154 Resp: 1382453

Ion Ratio Lower Upper

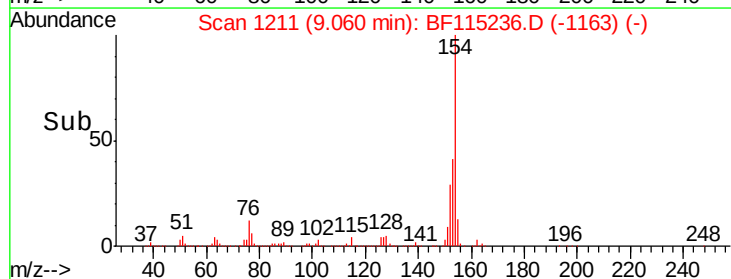
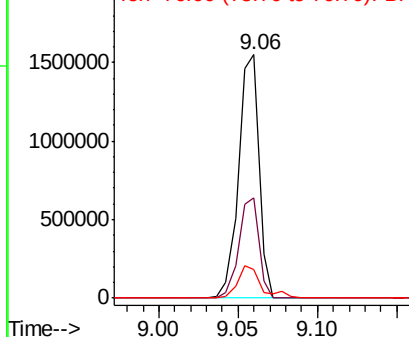
154 100

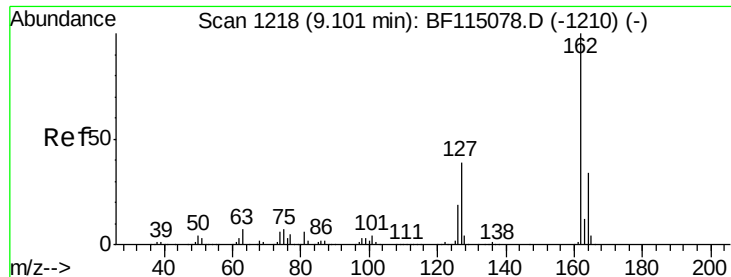
153 41.3 20.9 60.9

76 11.7 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

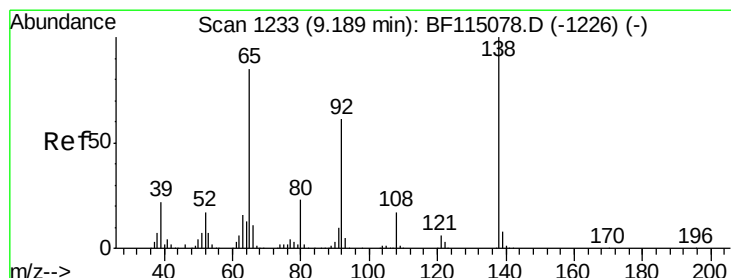
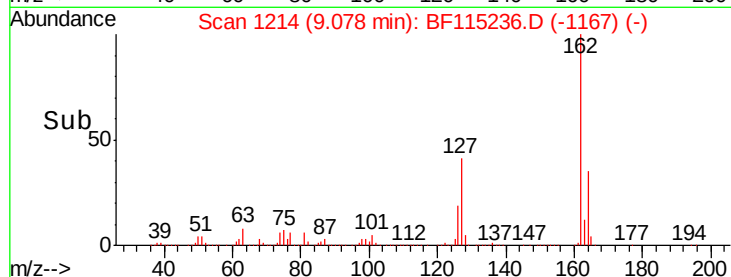
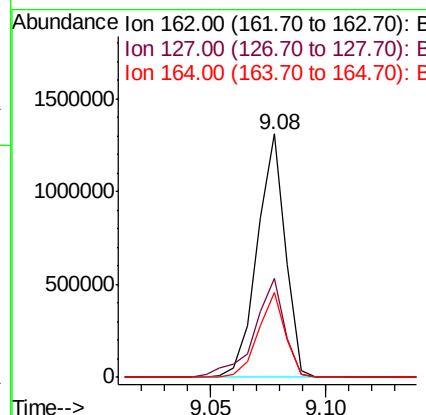
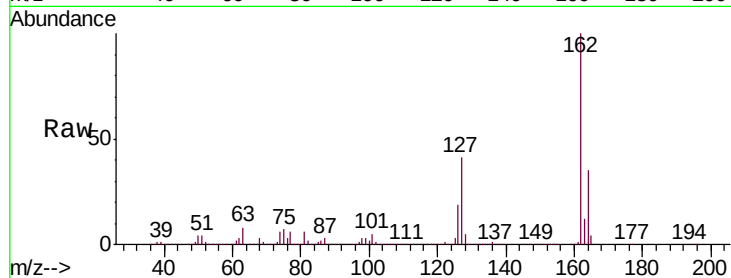




#47
 2-Chloronaphthalene
 Concen: 37.300 ng
 RT: 9.08 min Scan# 1214
 Delta R.T. -0.02 min
 Lab File: BF115236.D
 Acq: 27 Jun 2019 15:14

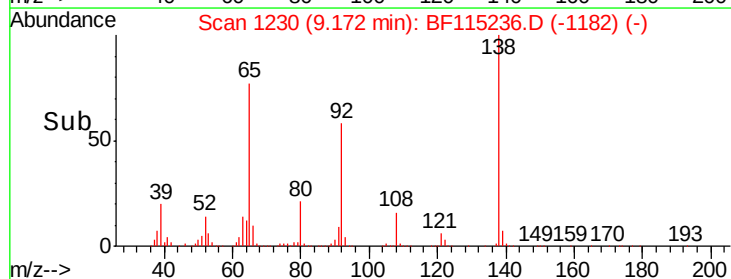
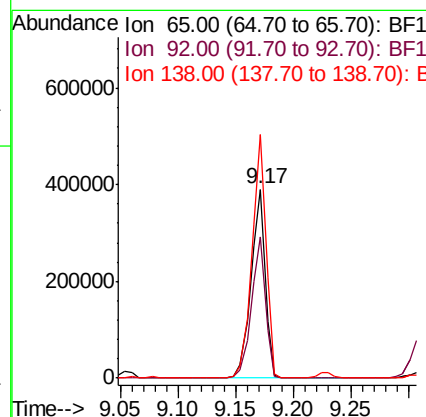
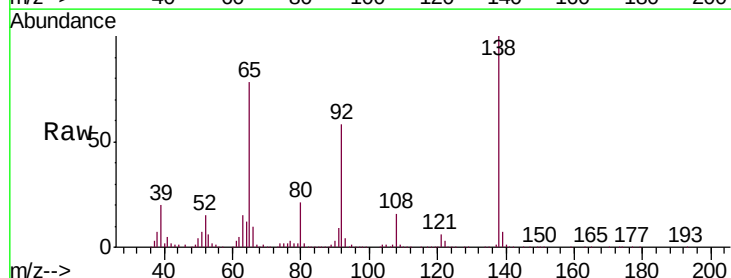
Instrument :
 BNA_F
 ClientSampleId :
 SA-06-062619-BMSD

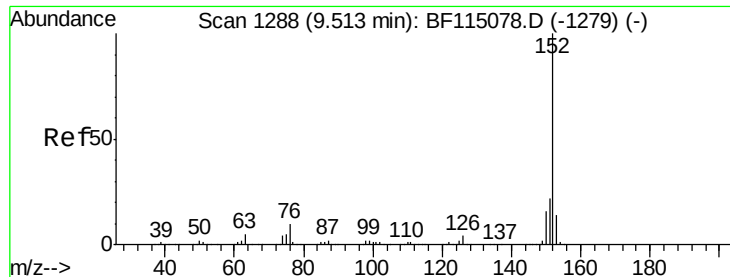
Tgt Ion: 162 Resp: 1111289
 Ion Ratio Lower Upper
 162 100
 127 40.8 30.8 46.2
 164 34.7 27.0 40.4



#48
 2-Nitroaniline
 Concen: 38.142 ng
 RT: 9.17 min Scan# 1230
 Delta R.T. -0.02 min
 Lab File: BF115236.D
 Acq: 27 Jun 2019 15:14

Tgt Ion: 65 Resp: 331307
 Ion Ratio Lower Upper
 65 100
 92 74.6 57.4 86.2
 138 128.8 94.1 141.1





#49

Acenaphthylene

Concen: 38.000 ng

RT: 9.49 min Scan# 1284

Delta R.T. -0.02 min

Lab File: BF115236.D

Acq: 27 Jun 2019 15:14

Instrument :

BNA_F

ClientSampleId :

SA-06-062619-BMSD

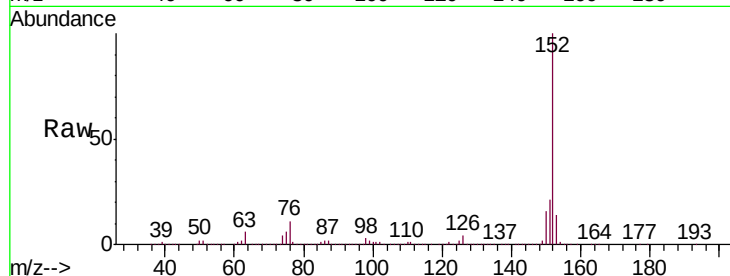
Tgt Ion:152 Resp: 1763945

Ion Ratio Lower Upper

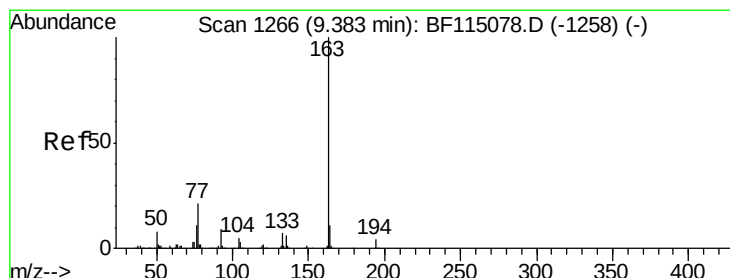
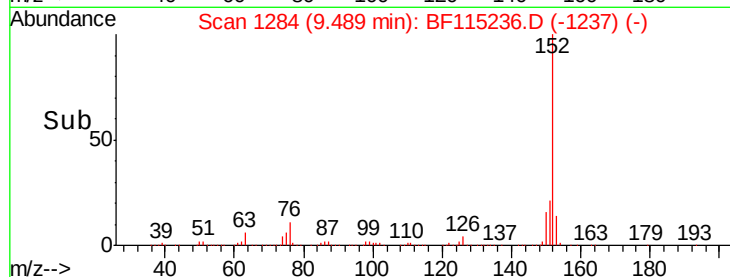
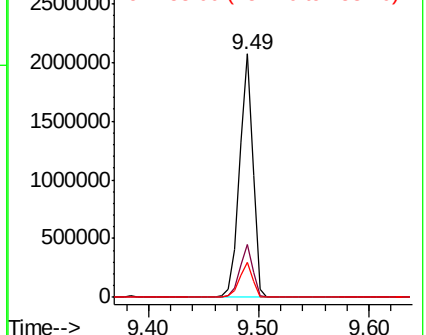
152 100

151 21.5 17.2 25.8

153 14.3 11.0 16.6



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



#50

Dimethylphthalate

Concen: 45.738 ng

RT: 9.37 min Scan# 1263

Delta R.T. -0.02 min

Lab File: BF115236.D

Acq: 27 Jun 2019 15:14

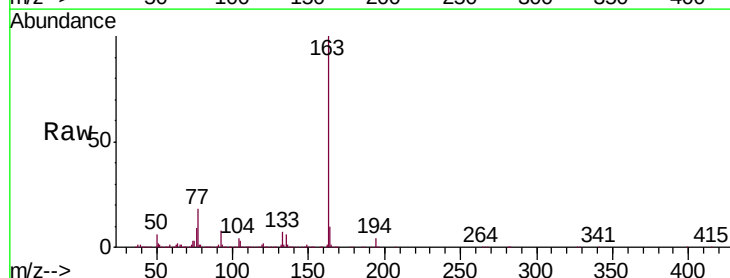
Tgt Ion:163 Resp: 1544693

Ion Ratio Lower Upper

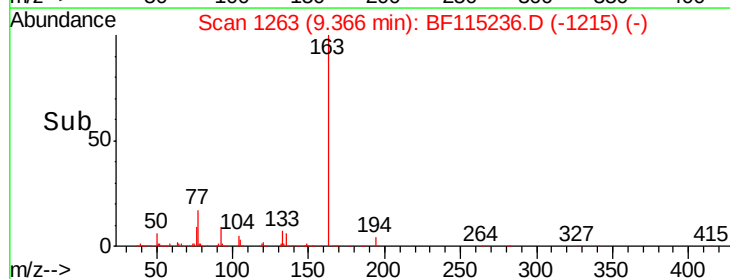
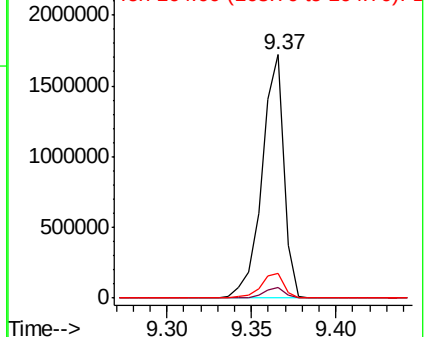
163 100

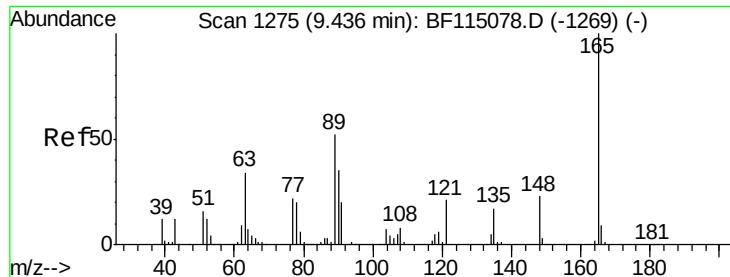
194 4.3 3.2 4.8

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: 38.574 ng

RT: 9.42 min Scan# 1272

Delta R.T. -0.02 min

Lab File: BF115236.D

Acq: 27 Jun 2019 15:14

Instrument :

BNA_F

ClientSampleId :

SA-06-062619-BMSD

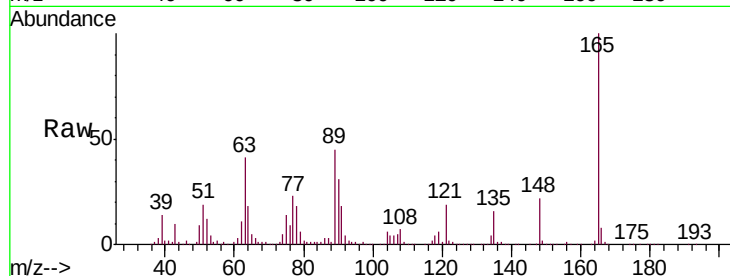
Tgt Ion:165 Resp: 300763

Ion Ratio Lower Upper

165 100

63 40.6 39.4 59.2

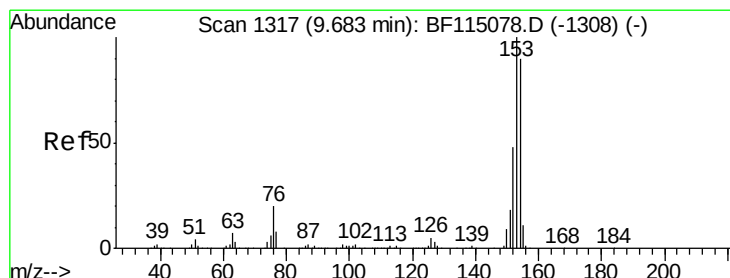
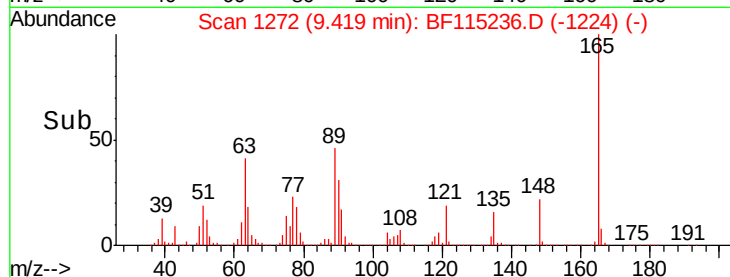
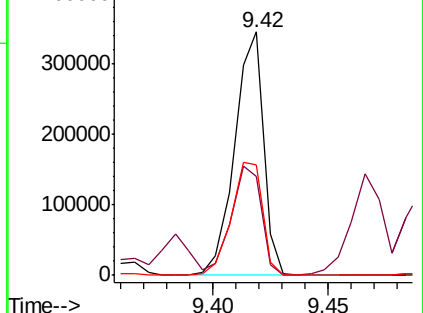
89 45.4 42.0 63.0



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 35.291 ng

RT: 9.66 min Scan# 1313

Delta R.T. -0.02 min

Lab File: BF115236.D

Acq: 27 Jun 2019 15:14

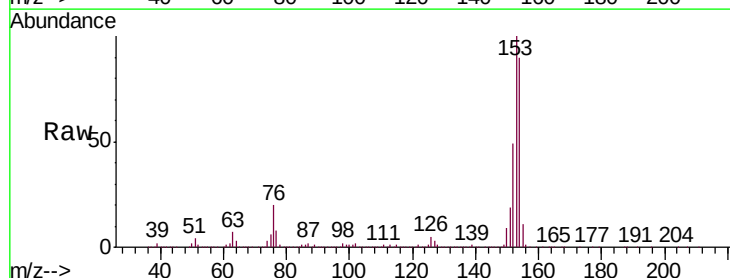
Tgt Ion:154 Resp: 1025092

Ion Ratio Lower Upper

154 100

153 111.4 88.7 133.1

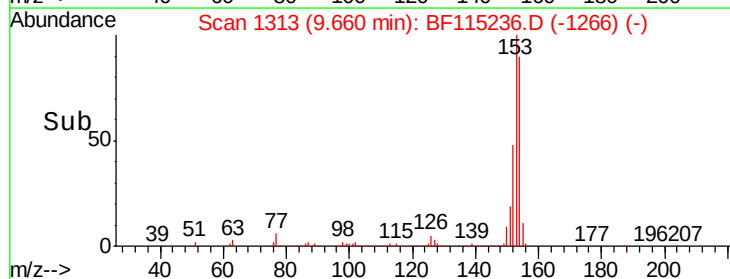
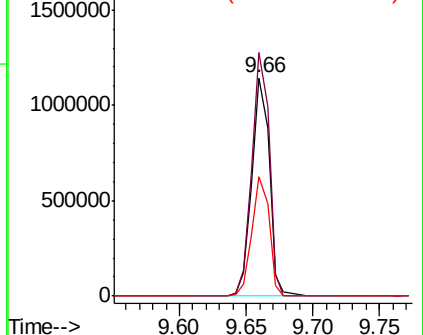
152 54.6 42.6 64.0

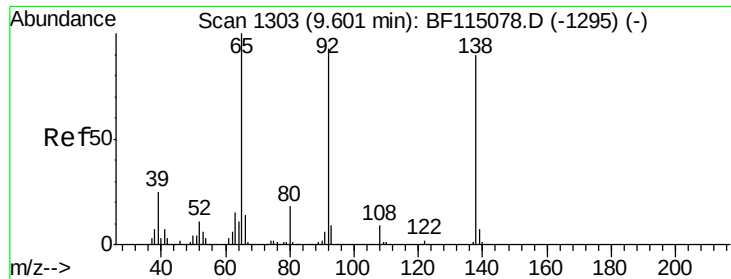


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

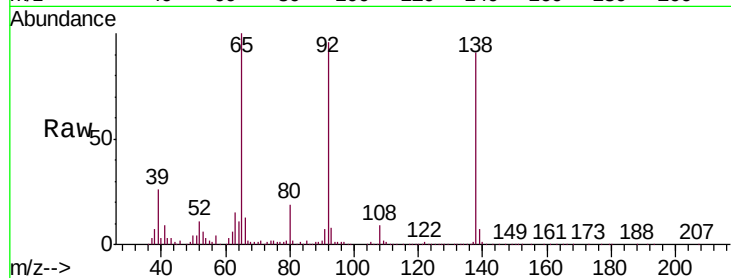




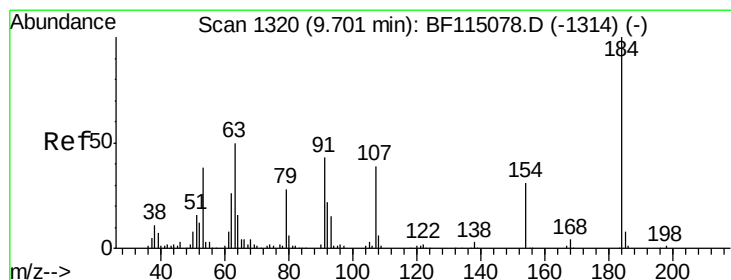
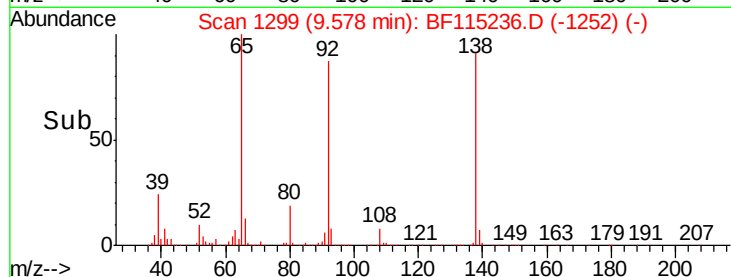
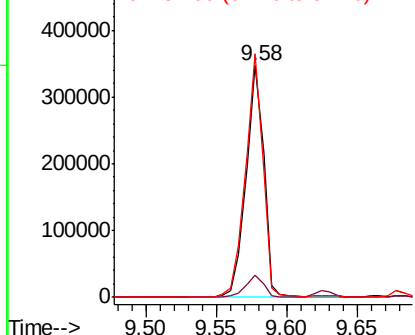
#53
 3-Nitroaniline
 Concen: 32.030 ng
 RT: 9.58 min Scan# 1299
 Delta R.T. -0.02 min
 Lab File: BF115236.D
 Acq: 27 Jun 2019 15:14

Instrument :
 BNA_F
 ClientSampleId :
 SA-06-062619-BMSD

Tgt Ion:138 Resp: 304760
 Ion Ratio Lower Upper
 138 100
 108 9.5 7.8 11.6
 92 105.1 82.9 124.3

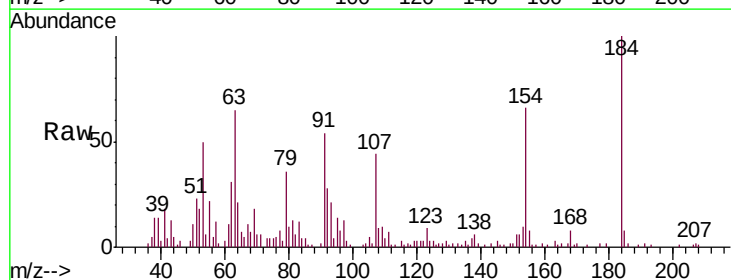


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

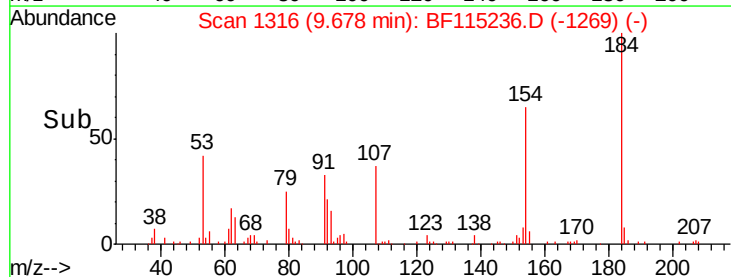
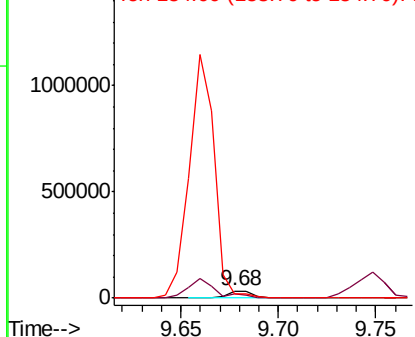


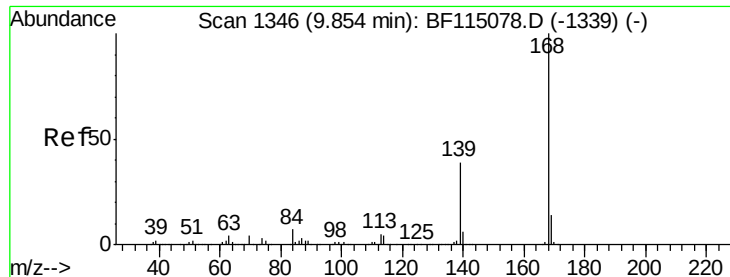
#54
 2,4-Dinitrophenol
 Concen: 14.471 ng
 RT: 9.68 min Scan# 1316
 Delta R.T. -0.02 min
 Lab File: BF115236.D
 Acq: 27 Jun 2019 15:14

Tgt Ion:184 Resp: 31486
 Ion Ratio Lower Upper
 184 100
 63 64.7 41.9 62.9#
 154 65.7 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

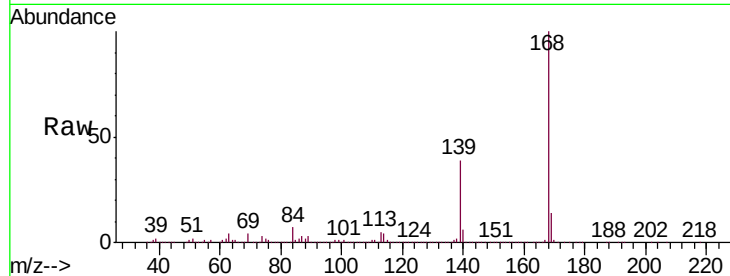




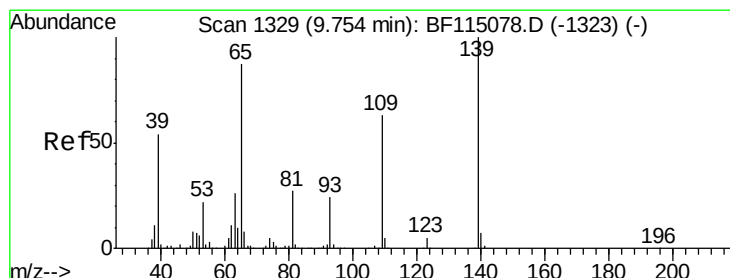
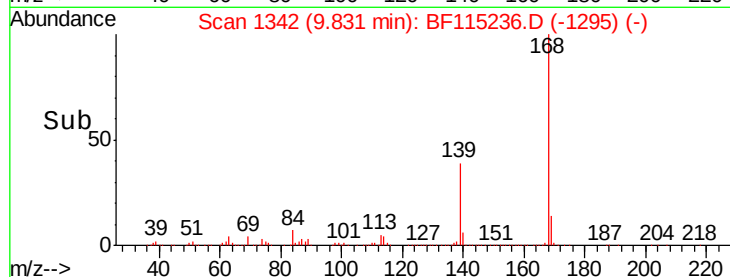
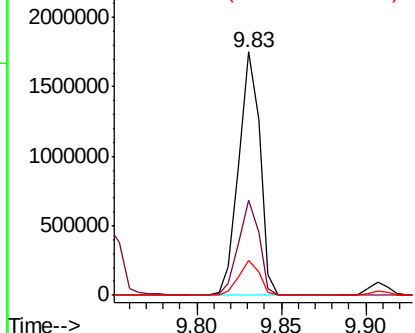
#55
Dibenzofuran
Concen: 36.644 ng
RT: 9.83 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BF115236.D
Acq: 27 Jun 2019 15:14

Instrument :
BNA_F
ClientSampleId :
SA-06-062619-BMSD

Tgt Ion:168 Resp: 1527691
Ion Ratio Lower Upper
168 100
139 39.2 31.1 46.7
169 14.3 11.3 16.9

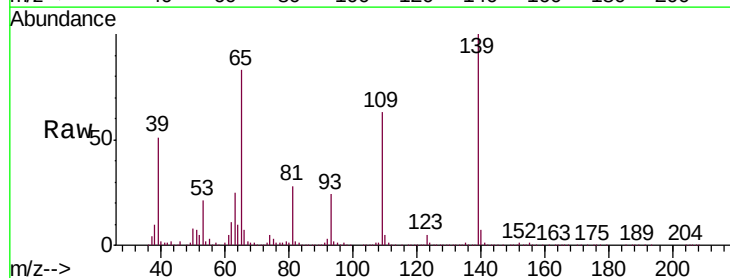


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

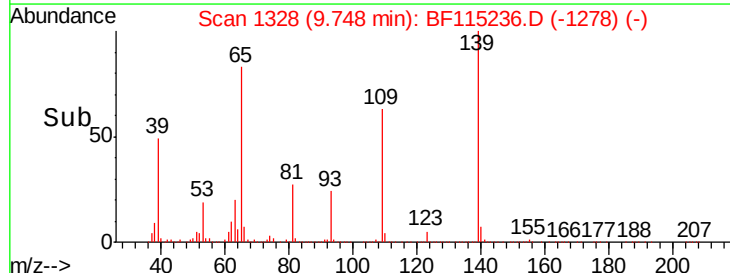
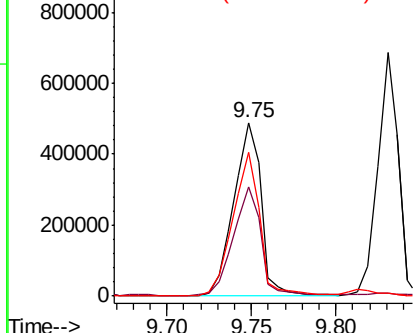


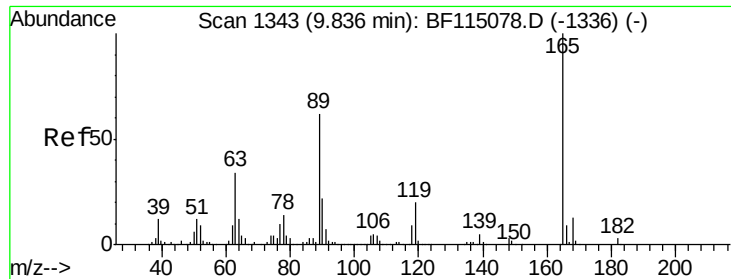
#56
4-Nitrophenol
Concen: 72.401 ng
RT: 9.75 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF115236.D
Acq: 27 Jun 2019 15:14

Tgt Ion:139 Resp: 552287
Ion Ratio Lower Upper
139 100
109 63.0 43.0 83.0
65 83.1 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

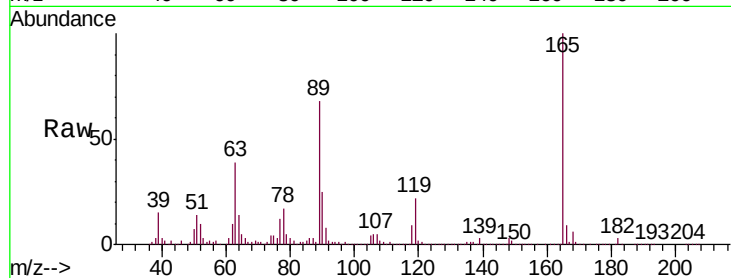




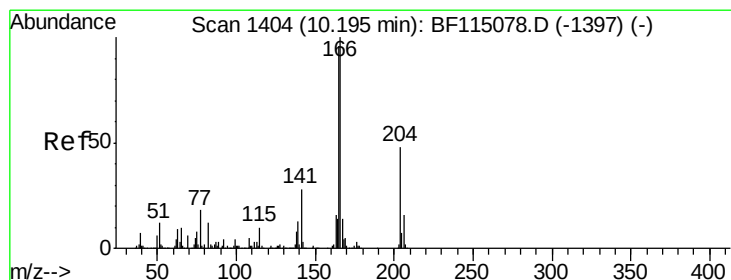
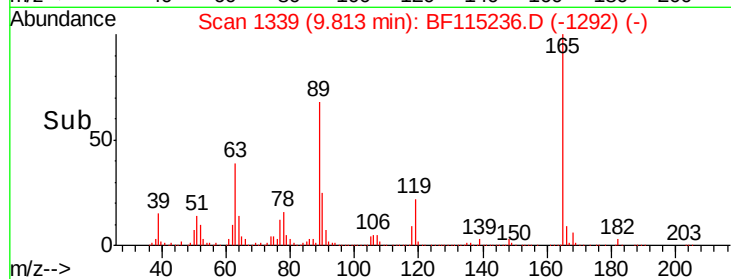
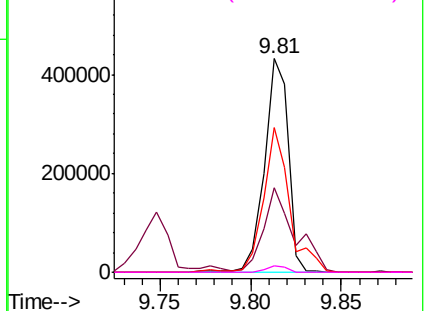
#57
2,4-Dinitrotoluene
Concen: 38.616 ng
RT: 9.81 min Scan# 1339
Delta R.T. -0.02 min
Lab File: BF115236.D
Acq: 27 Jun 2019 15:14

Instrument :
BNA_F
ClientSampleId :
SA-06-062619-BMSD

Tgt Ion:	165	Resp:	388770
Ion	Ratio	Lower	Upper
165	100		
63	39.4	27.5	41.3
89	68.0	49.9	74.9
182	2.9	2.1	3.1

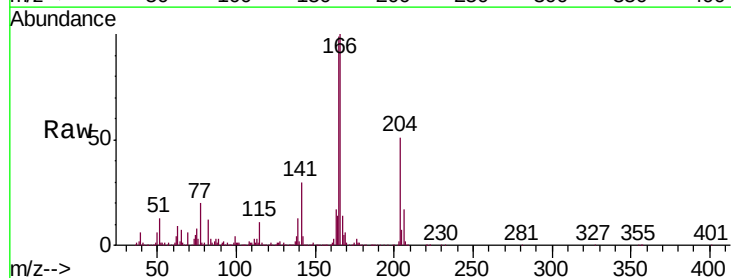


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

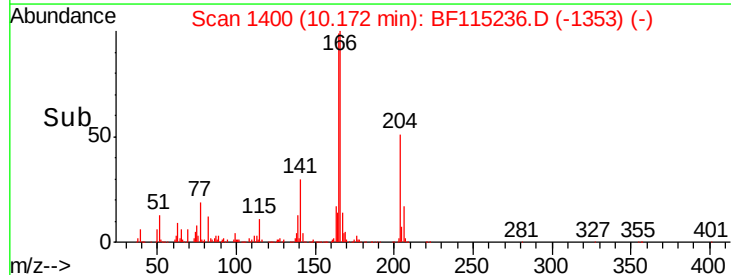
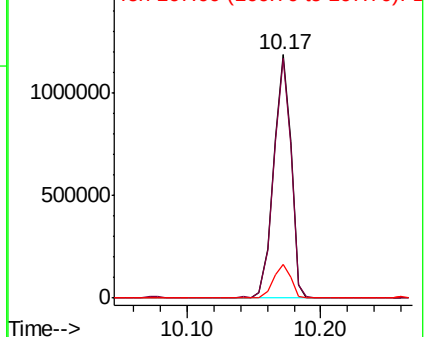


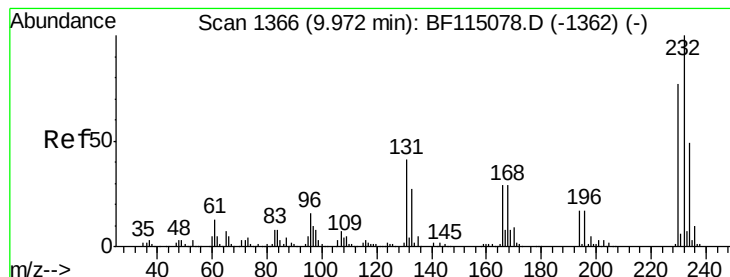
#58
Fluorene
Concen: 38.205 ng
RT: 10.17 min Scan# 1400
Delta R.T. -0.02 min
Lab File: BF115236.D
Acq: 27 Jun 2019 15:14

Tgt Ion:	166	Resp:	1088070
Ion	Ratio	Lower	Upper
166	100		
165	98.7	76.5	114.7
167	14.0	11.0	16.4



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

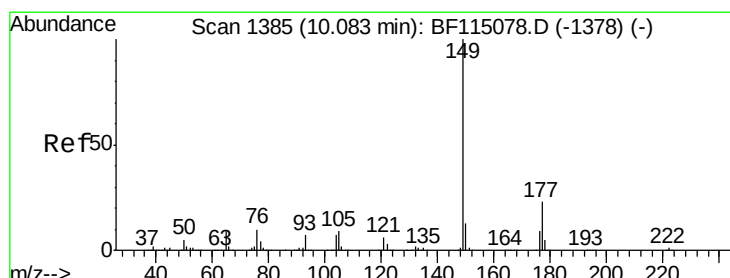
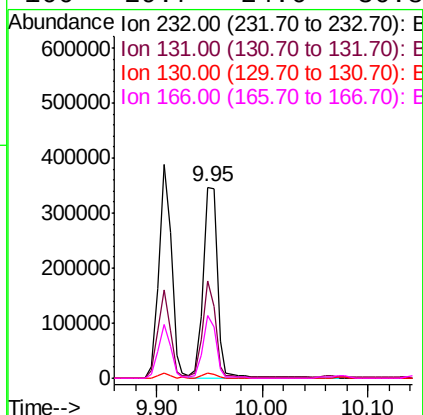
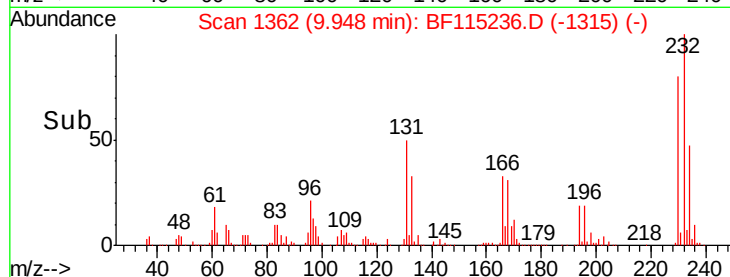
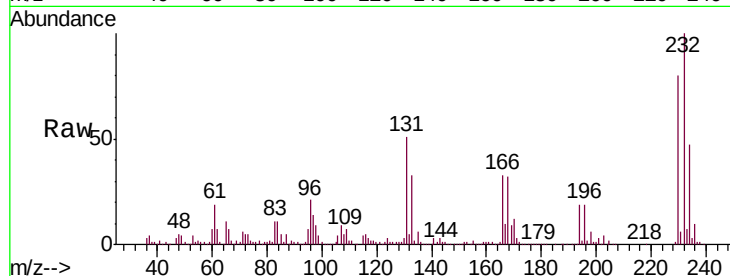




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.597 ng
 RT: 9.95 min Scan# 1362
 Delta R.T. -0.02 min
 Lab File: BF115236.D
 Acq: 27 Jun 2019 15:14

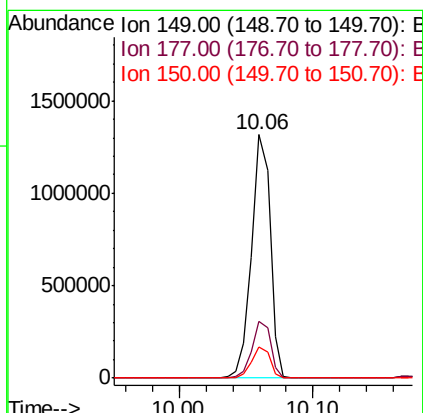
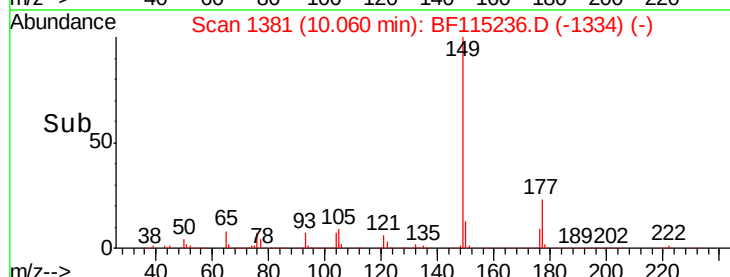
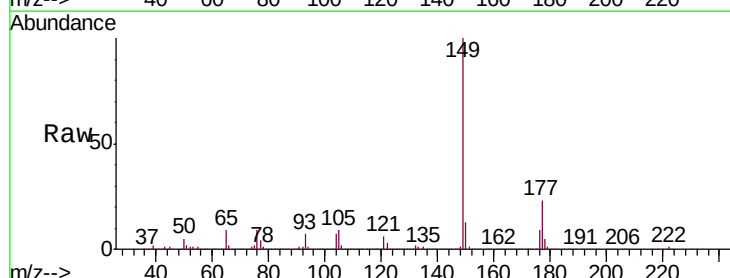
Instrument :
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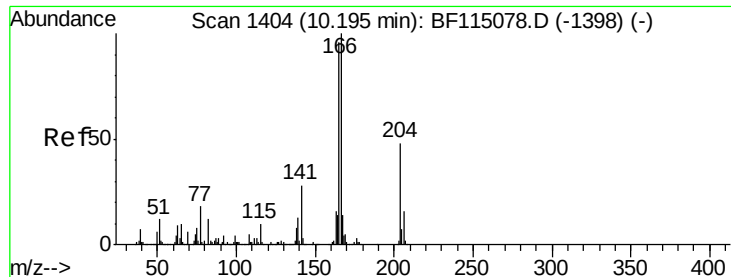
Tgt Ion:	232	Resp:	325129
Ion	Ratio	Lower	Upper
232	100		
131	45.2	37.4	56.0
130	2.5	1.8	2.6
166	29.7	24.6	36.8



#60
 Diethylphthalate
 Concen: 36.935 ng
 RT: 10.06 min Scan# 1381
 Delta R.T. -0.02 min
 Lab File: BF115236.D
 Acq: 27 Jun 2019 15:14

Tgt Ion:	149	Resp:	1253882
Ion	Ratio	Lower	Upper
149	100		
177	23.3	18.7	28.1
150	12.7	10.4	15.6

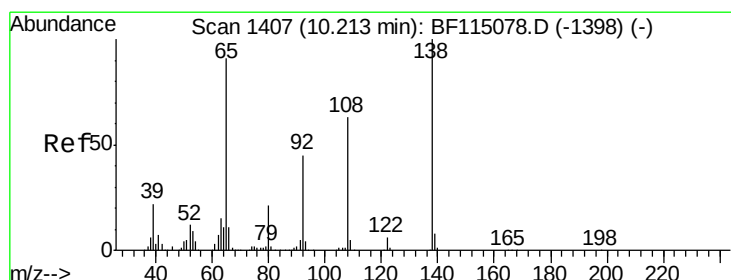
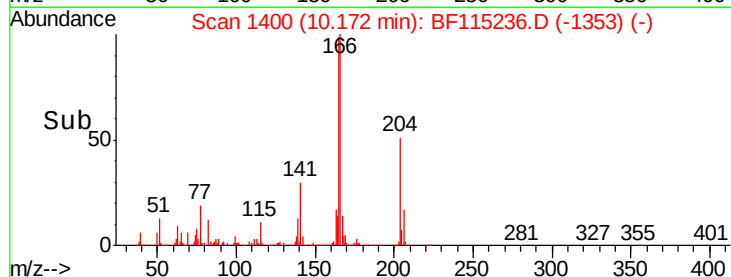
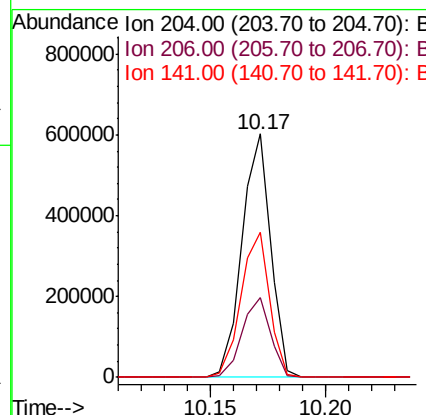
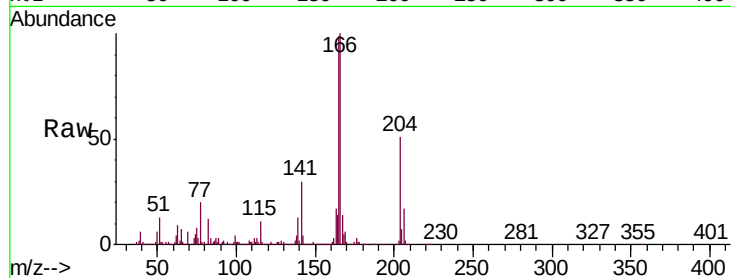




#61
 4-Chlorophenyl-phenylether
 Concen: 38.494 ng
 RT: 10.17 min Scan# 1400
 Delta R.T. -0.02 min
 Lab File: BF115236.D
 Acq: 27 Jun 2019 15:14

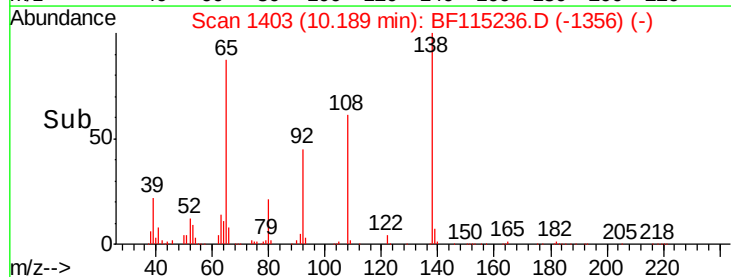
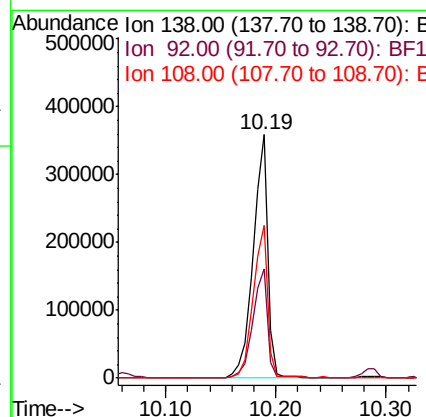
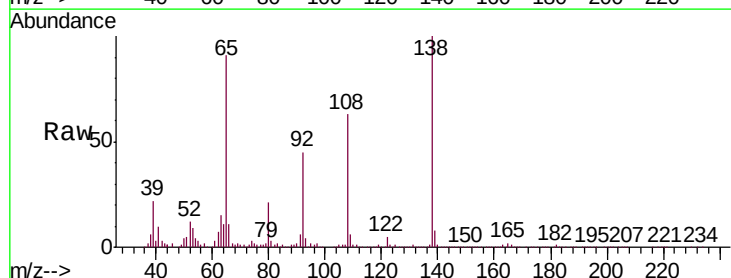
Instrument :
 BNA_F
 ClientSampleId :
 SA-06-062619-BMSD

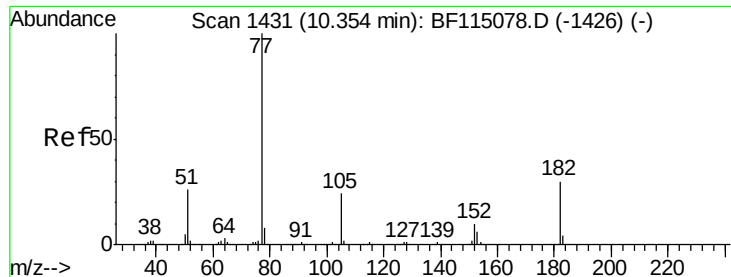
Tgt Ion:204 Resp: 520727
 Ion Ratio Lower Upper
 204 100
 206 32.6 26.6 40.0
 141 59.5 46.7 70.1



#62
 4-Nitroaniline
 Concen: 35.081 ng
 RT: 10.19 min Scan# 1403
 Delta R.T. -0.02 min
 Lab File: BF115236.D
 Acq: 27 Jun 2019 15:14

Tgt Ion:138 Resp: 334859
 Ion Ratio Lower Upper
 138 100
 92 44.8 24.8 64.8
 108 62.6 43.3 83.3

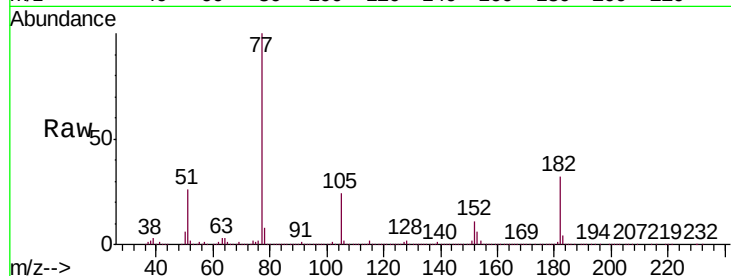




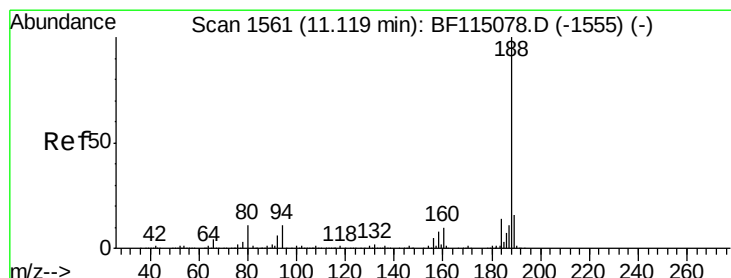
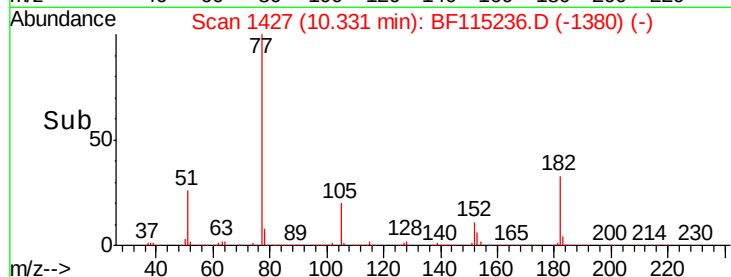
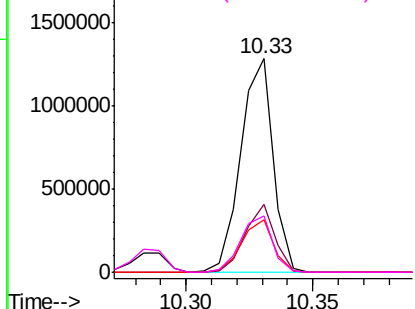
#63
Azobenzene
Concen: 35.683 ng
RT: 10.33 min Scan# 1427
Delta R.T. -0.02 min
Lab File: BF115236.D
Acq: 27 Jun 2019 15:14

Instrument :
BNA_F
ClientSampleId :
SA-06-062619-BMSD

Tgt Ion: 77 Resp: 1131458
Ion Ratio Lower Upper
77 100
182 31.7 10.1 50.1
105 24.5 4.5 44.5
51 26.2 6.4 46.4

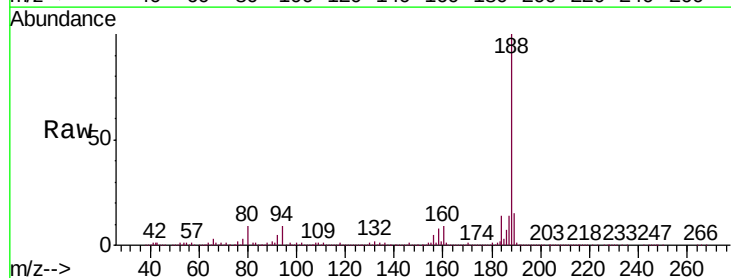


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

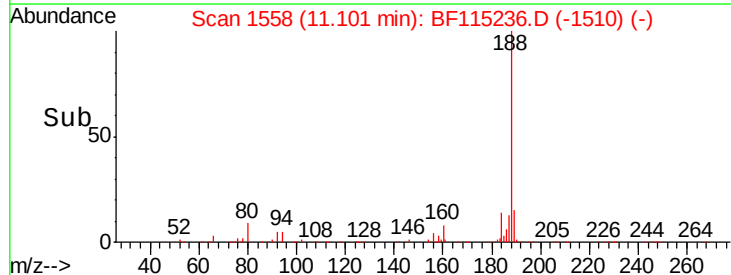
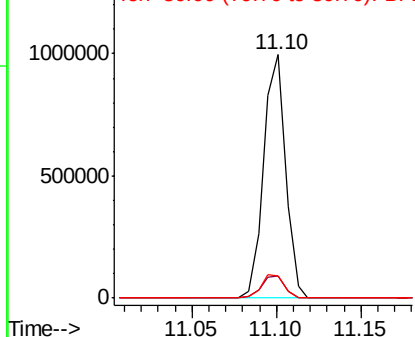


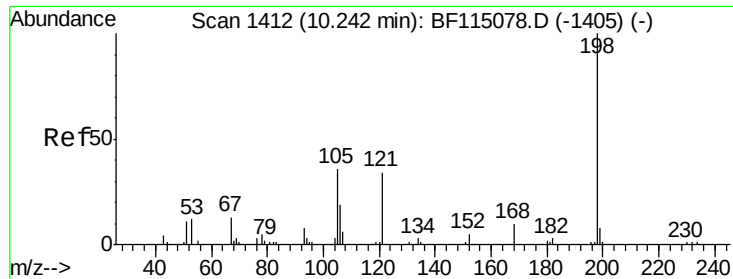
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.10 min Scan# 1558
Delta R.T. -0.02 min
Lab File: BF115236.D
Acq: 27 Jun 2019 15:14

Tgt Ion: 188 Resp: 901368
Ion Ratio Lower Upper
188 100
94 9.0 8.6 12.8
80 9.2 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

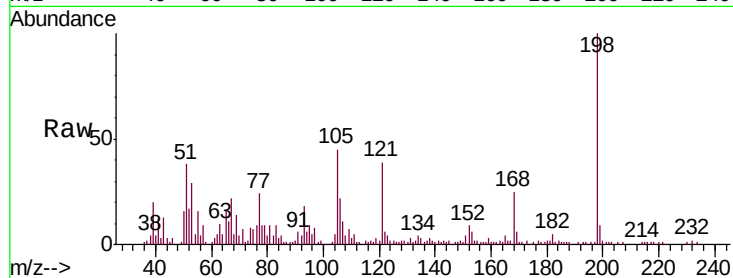




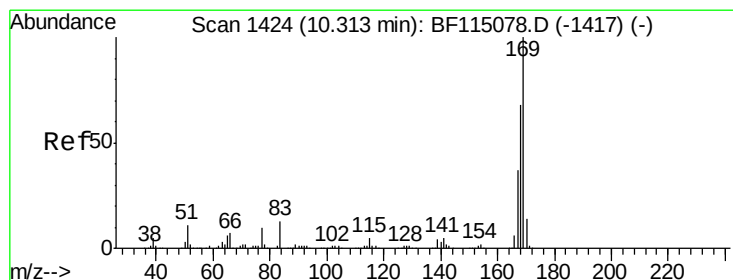
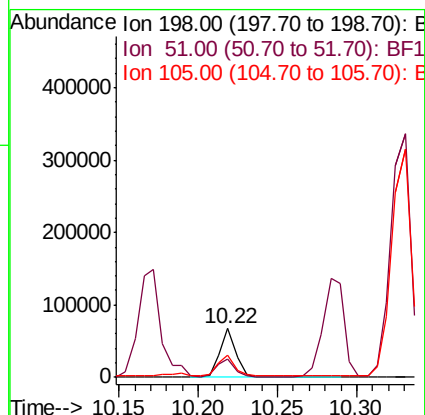
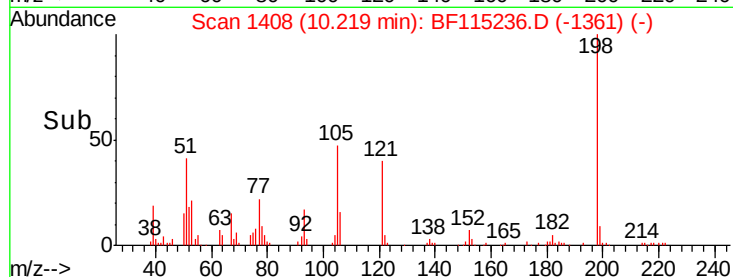
#65
4,6-Dinitro-2-methylphenol
Concen: 13.987 ng
RT: 10.22 min Scan# 1408
Delta R.T. -0.02 min
Lab File: BF115236.D
Acq: 27 Jun 2019 15:14

Instrument :
BNA_F
ClientSampleId :
SA-06-062619-BMSD

Tgt Ion:198 Resp: 48281
Ion Ratio Lower Upper
198 100
51 37.7 11.0 51.0
105 45.5 17.3 57.3

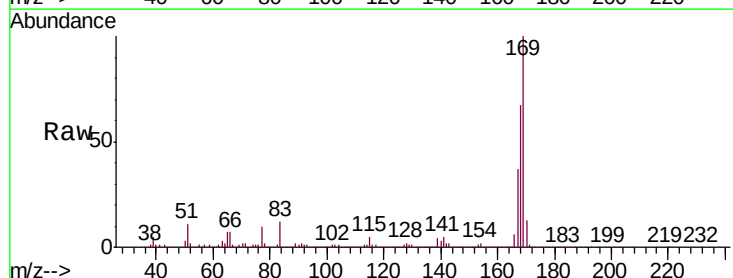


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

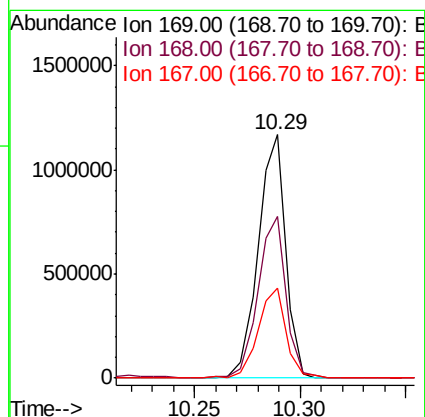
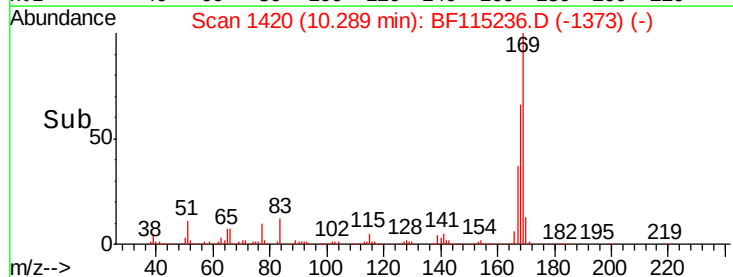


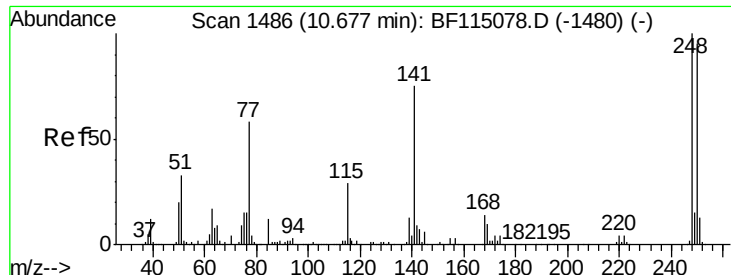
#66
n-Nitrosodiphenylamine
Concen: 37.601 ng
RT: 10.29 min Scan# 1420
Delta R.T. -0.02 min
Lab File: BF115236.D
Acq: 27 Jun 2019 15:14

Tgt Ion:169 Resp: 1055920
Ion Ratio Lower Upper
169 100
168 66.6 54.2 81.4
167 37.0 29.4 44.0



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

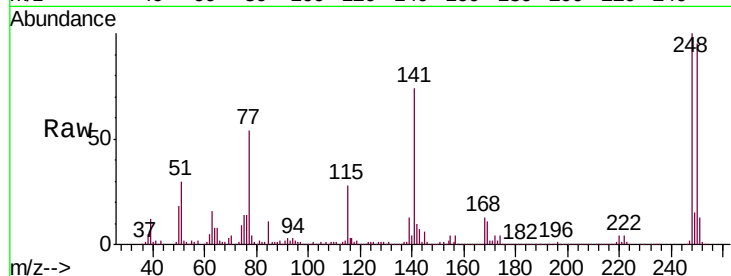




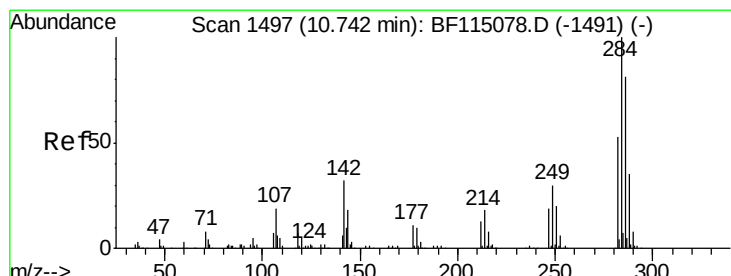
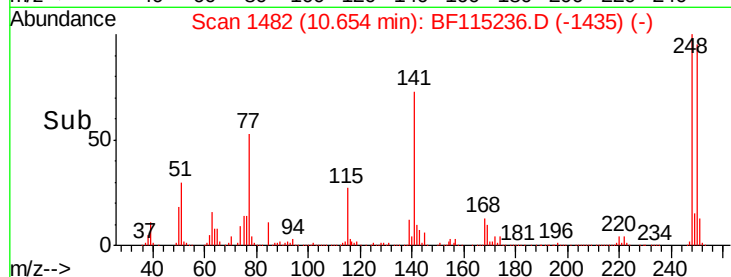
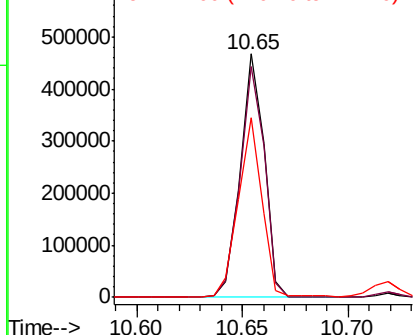
#67
4-Bromophenyl-phenylether
Concen: 37.355 ng
RT: 10.65 min Scan# 1482
Delta R.T. -0.02 min
Lab File: BF115236.D
Acq: 27 Jun 2019 15:14

Instrument :
BNA_F
ClientSampleId :
SA-06-062619-BMSD

Tgt Ion:248 Resp: 365061
Ion Ratio Lower Upper
248 100
250 94.8 76.2 114.2
141 73.5 59.6 89.4

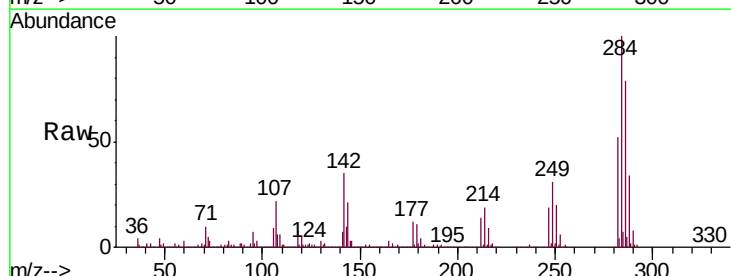


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

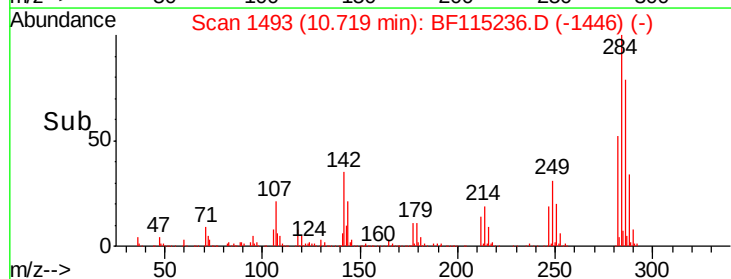
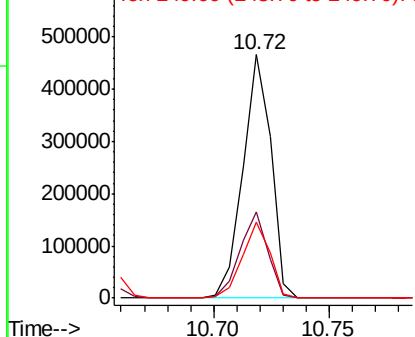


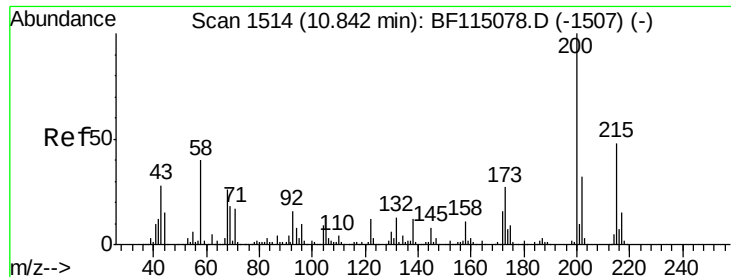
#68
Hexachlorobenzene
Concen: 37.411 ng
RT: 10.72 min Scan# 1493
Delta R.T. -0.02 min
Lab File: BF115236.D
Acq: 27 Jun 2019 15:14

Tgt Ion:284 Resp: 396839
Ion Ratio Lower Upper
284 100
142 35.2 25.8 38.8
249 31.1 24.2 36.4



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 37.034 ng

RT: 10.82 min Scan# 1510

Delta R.T. -0.02 min

Lab File: BF115236.D

Acq: 27 Jun 2019 15:14

Instrument :

BNA_F

ClientSampleId :

SA-06-062619-BMSD

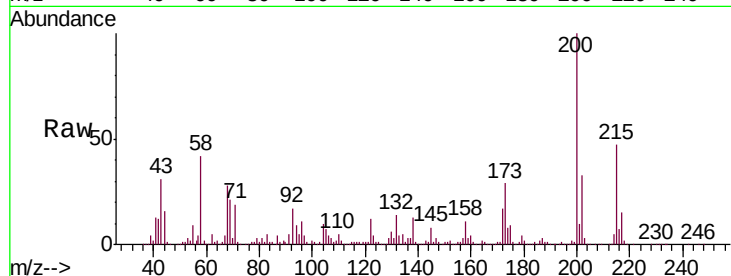
Tgt Ion:200 Resp: 334542

Ion Ratio Lower Upper

200 100

173 28.6 7.4 47.4

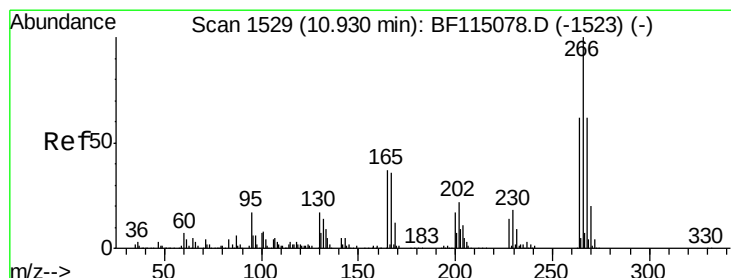
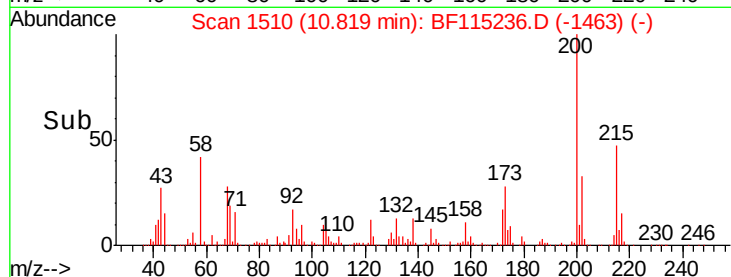
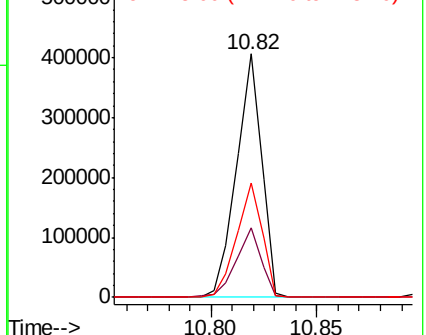
215 46.7 27.8 67.8



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: 67.072 ng

RT: 10.91 min Scan# 1526

Delta R.T. -0.02 min

Lab File: BF115236.D

Acq: 27 Jun 2019 15:14

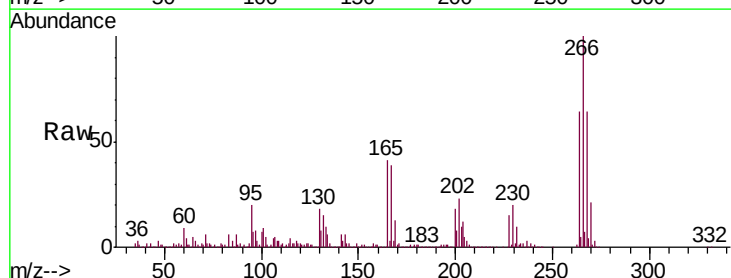
Tgt Ion:266 Resp: 453260

Ion Ratio Lower Upper

266 100

268 64.0 49.5 74.3

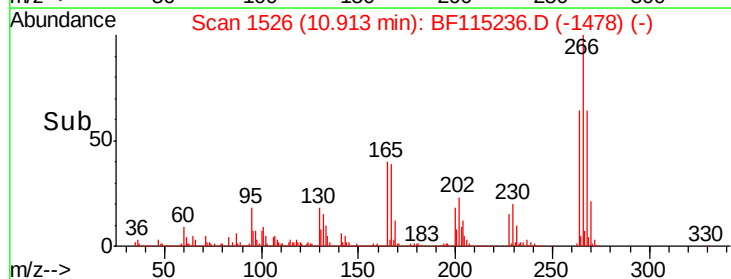
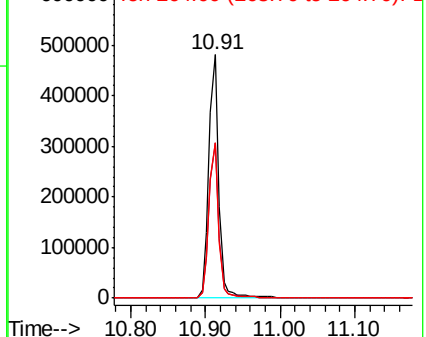
264 63.6 49.3 73.9

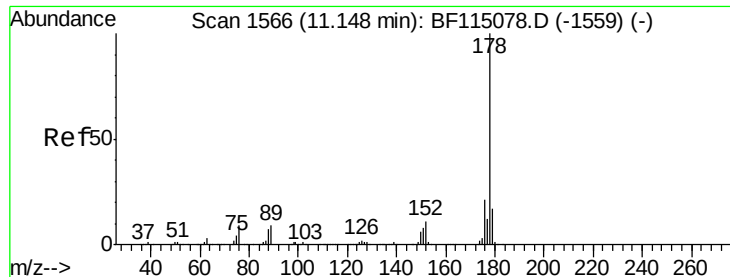


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 39.332 ng

RT: 11.12 min Scan# 1562

Delta R.T. -0.02 min

Lab File: BF115236.D

Acq: 27 Jun 2019 15:14

Instrument :

BNA_F

ClientSampleId :

SA-06-062619-BMSD

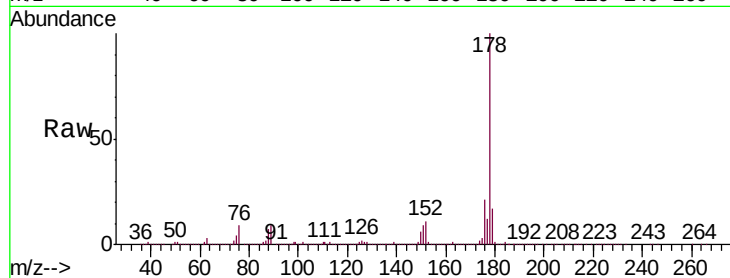
Tgt Ion:178 Resp: 1908832

Ion Ratio Lower Upper

178 100

176 21.1 16.9 25.3

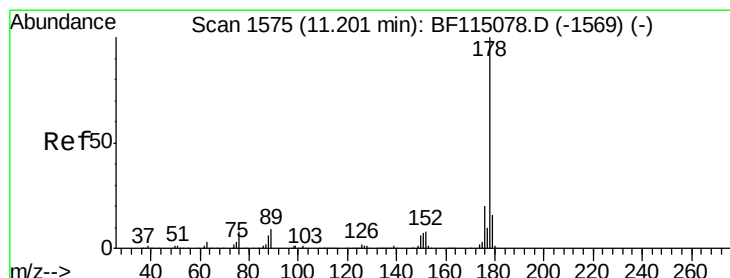
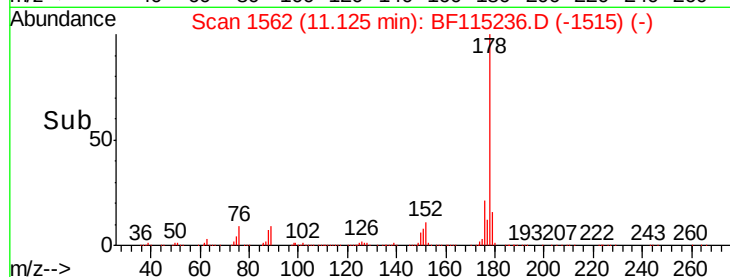
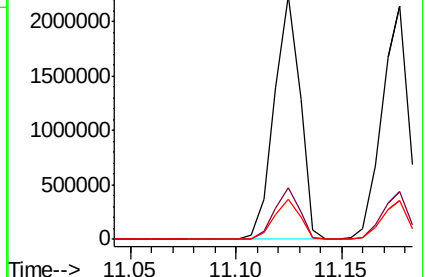
179 16.7 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 38.378 ng

RT: 11.18 min Scan# 1571

Delta R.T. -0.02 min

Lab File: BF115236.D

Acq: 27 Jun 2019 15:14

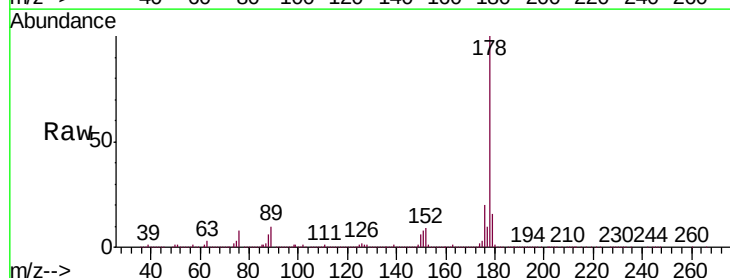
Tgt Ion:178 Resp: 1880070

Ion Ratio Lower Upper

178 100

176 20.2 16.1 24.1

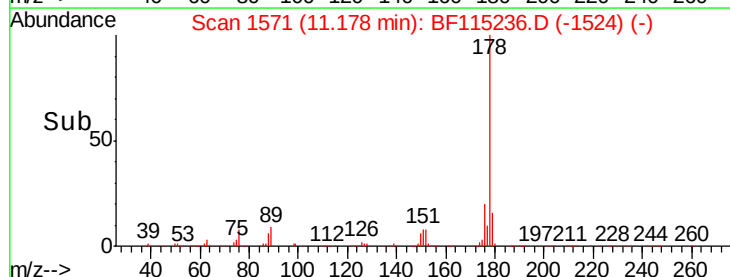
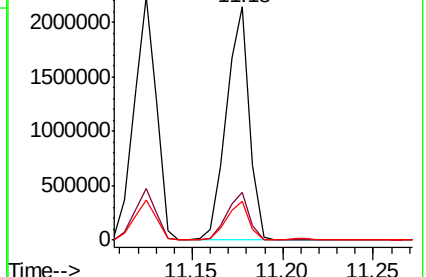
179 16.4 12.9 19.3

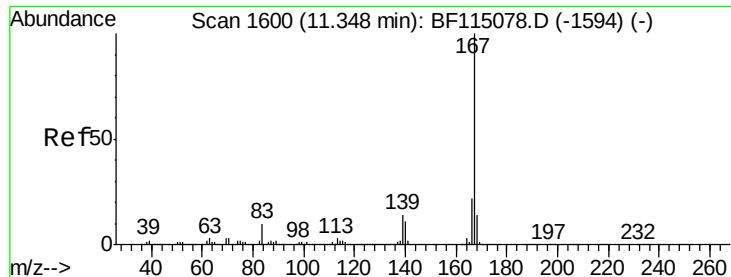


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

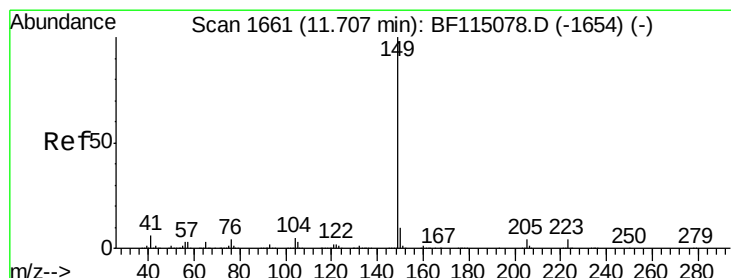
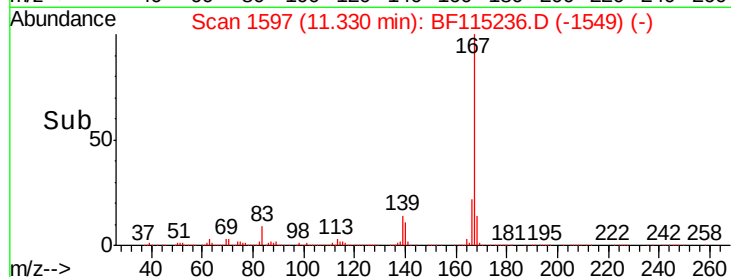
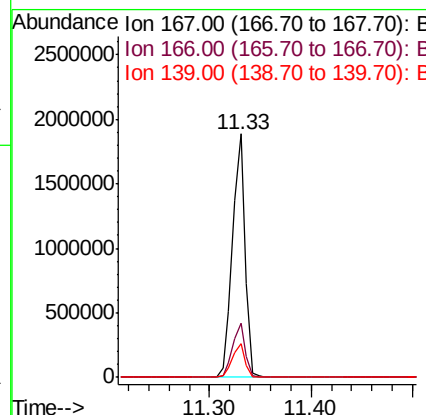
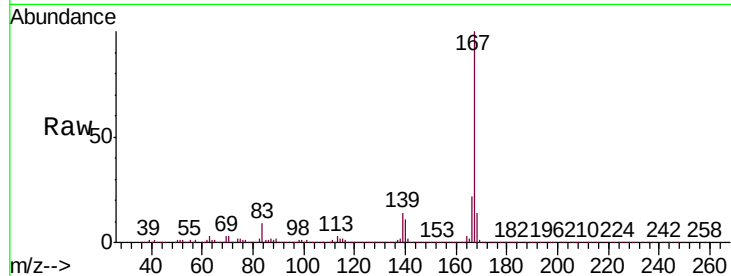




#73
 Carbazole
 Concen: 37.508 ng
 RT: 11.33 min Scan# 1597
 Delta R.T. -0.02 min
 Lab File: BF115236.D
 Acq: 27 Jun 2019 15:14

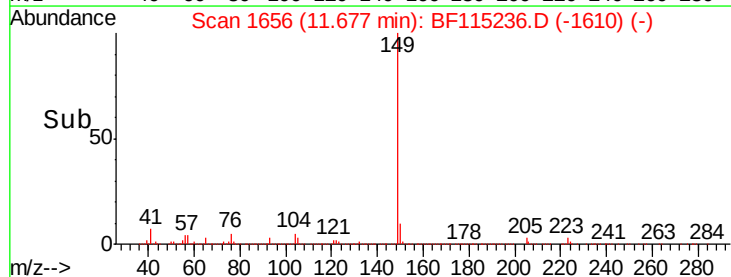
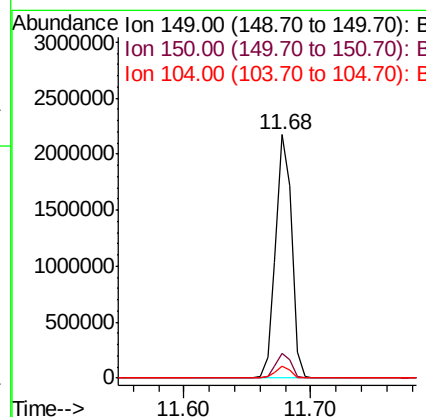
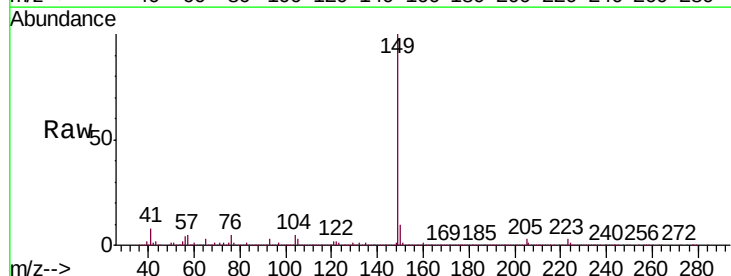
Instrument :
 BNA_F
 ClientSampleId :
 SA-06-062619-BMSD

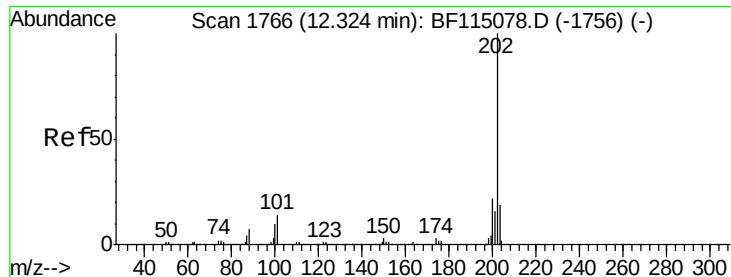
Tgt Ion:167 Resp: 1640811
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.0 27.0
 139 13.9 11.1 16.7



#74
 Di-n-butylphthalate
 Concen: 37.489 ng
 RT: 11.68 min Scan# 1656
 Delta R.T. -0.03 min
 Lab File: BF115236.D
 Acq: 27 Jun 2019 15:14

Tgt Ion:149 Resp: 1895045
 Ion Ratio Lower Upper
 149 100
 150 10.2 7.8 11.8
 104 4.9 3.7 5.5





#75

Fluoranthene

Concen: 46.397 ng

RT: 12.31 min Scan# 1763

Delta R.T. -0.02 min

Lab File: BF115236.D

Acq: 27 Jun 2019 15:14

Instrument :

BNA_F

ClientSampleId :

SA-06-062619-BMSD

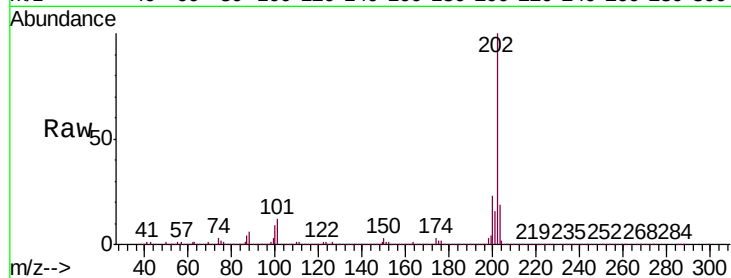
Tgt Ion:202 Resp: 2246610

Ion Ratio Lower Upper

202 100

101 12.2 0.0 34.0

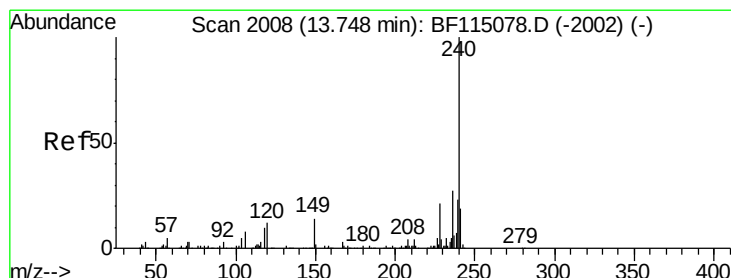
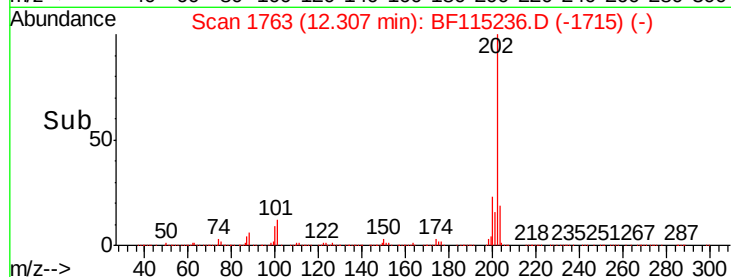
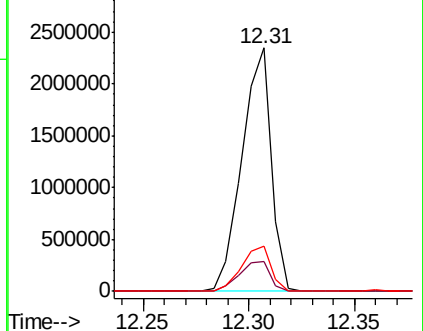
203 18.8 0.0 38.8



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. -0.02 min

Lab File: BF115236.D

Acq: 27 Jun 2019 15:14

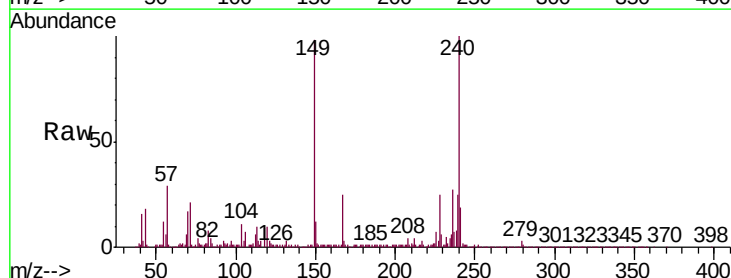
Tgt Ion:240 Resp: 626272

Ion Ratio Lower Upper

240 100

120 10.1 9.4 14.2

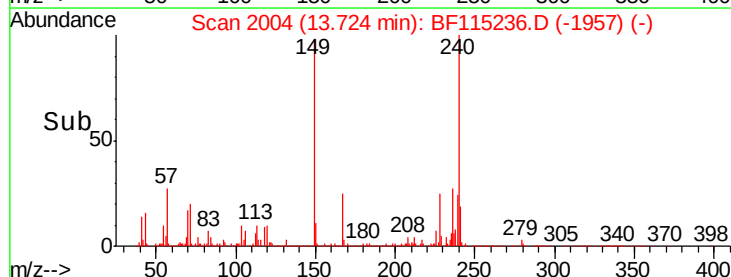
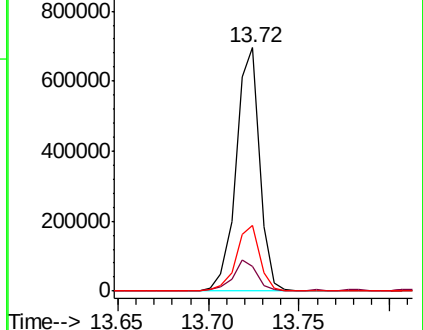
236 26.8 21.7 32.5

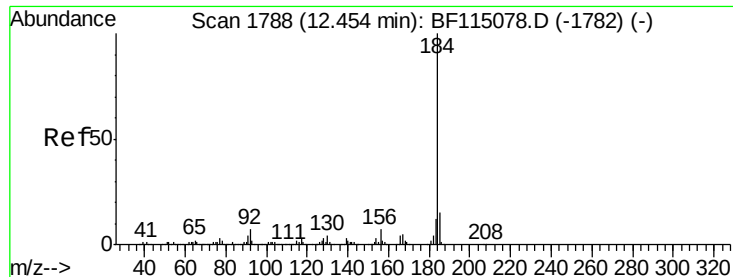


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 19.665 ng

RT: 12.42 min Scan# 1783

Delta R.T. -0.03 min

Lab File: BF115236.D

Acq: 27 Jun 2019 15:14

Instrument :

BNA_F

ClientSampleId :

SA-06-062619-BMSD

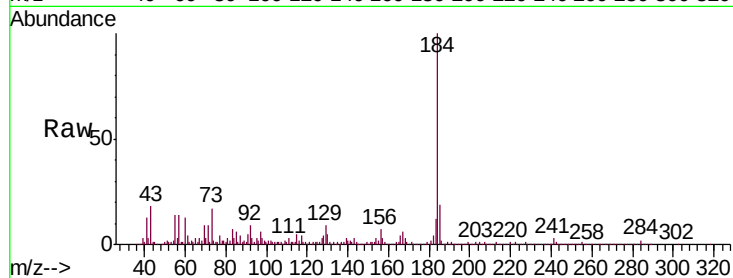
Tgt Ion:184 Resp: 546870

Ion Ratio Lower Upper

184 100

185 18.6 12.2 18.2#

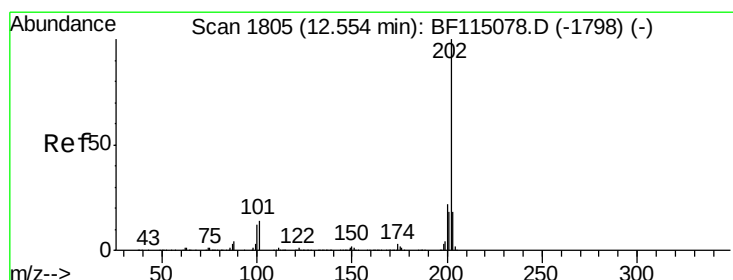
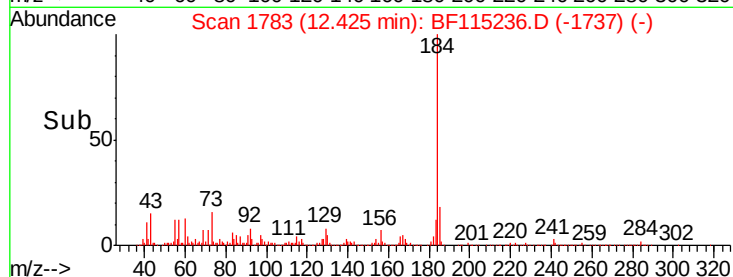
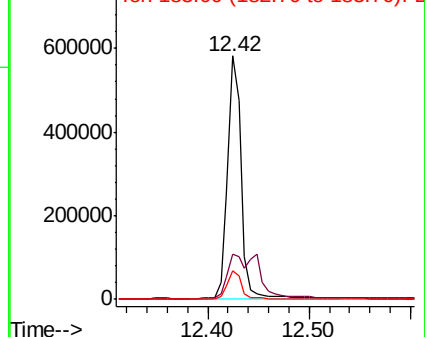
183 11.9 9.6 14.4



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: 46.981 ng

RT: 12.53 min Scan# 1801

Delta R.T. -0.02 min

Lab File: BF115236.D

Acq: 27 Jun 2019 15:14

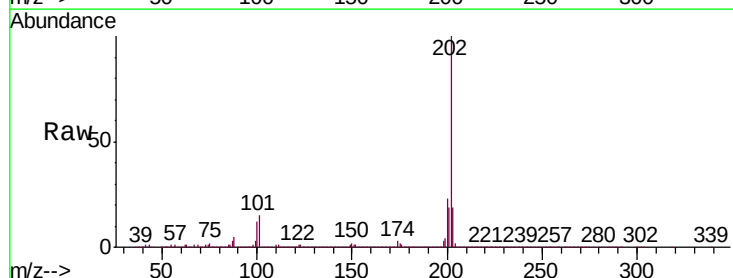
Tgt Ion:202 Resp: 2261154

Ion Ratio Lower Upper

202 100

200 23.4 17.9 26.9

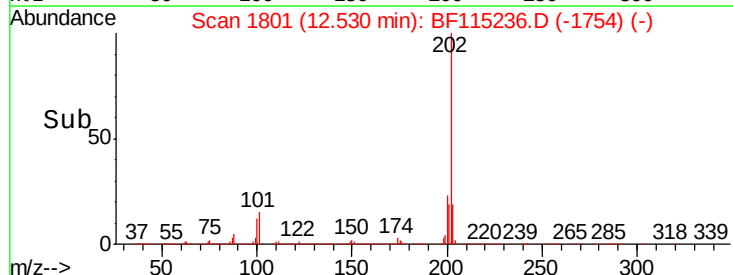
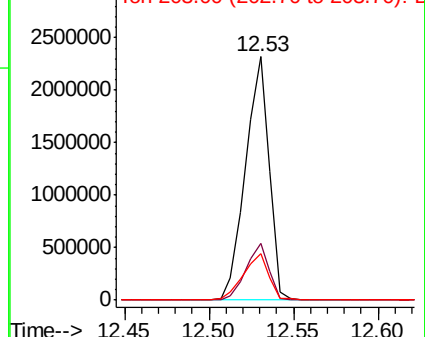
203 18.9 14.6 21.8

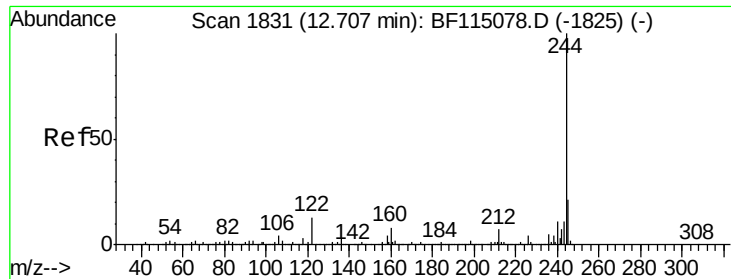


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 86.254 ng

RT: 12.68 min Scan# 1827

Delta R.T. -0.02 min

Lab File: BF115236.D

Acq: 27 Jun 2019 15:14

Instrument :

BNA_F

ClientSampleId :

SA-06-062619-BMSD

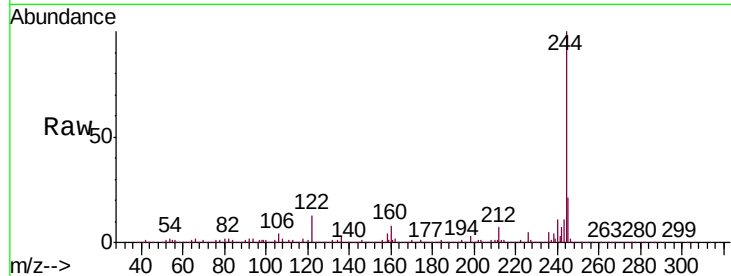
Tgt Ion:244 Resp: 2540671

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.6

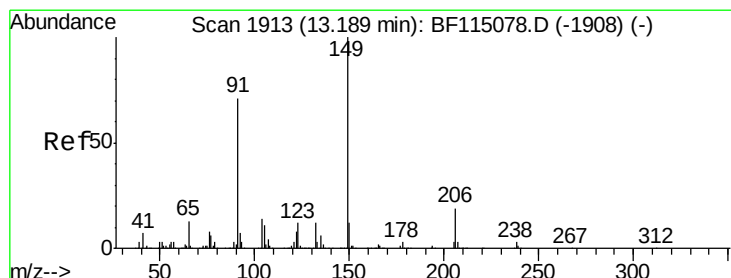
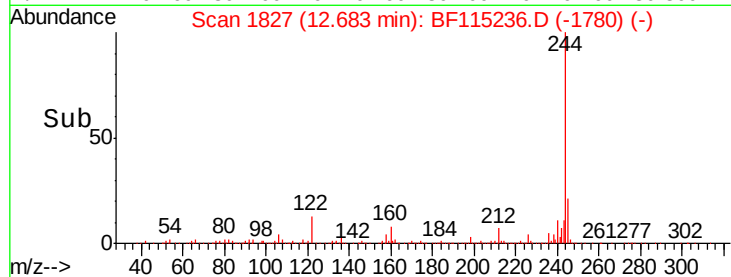
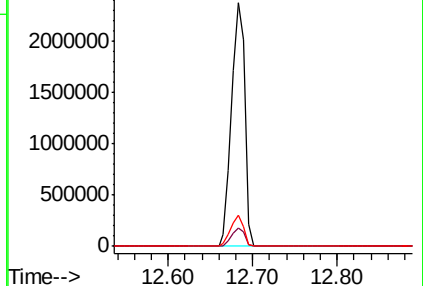
122 12.7 10.4 15.6



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: 40.819 ng

RT: 13.17 min Scan# 1909

Delta R.T. -0.02 min

Lab File: BF115236.D

Acq: 27 Jun 2019 15:14

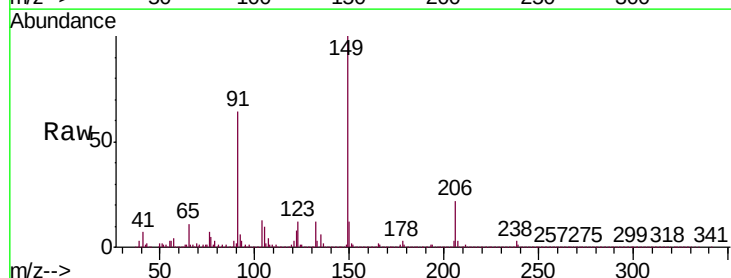
Tgt Ion:149 Resp: 866988

Ion Ratio Lower Upper

149 100

91 64.1 56.5 84.7

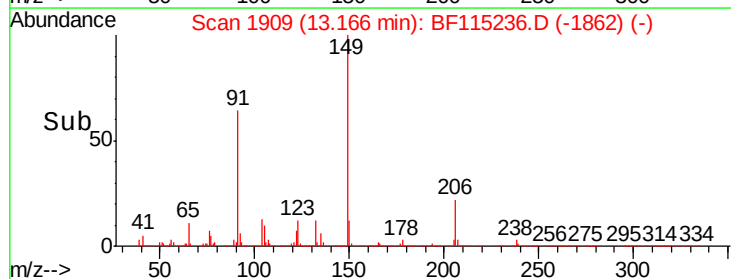
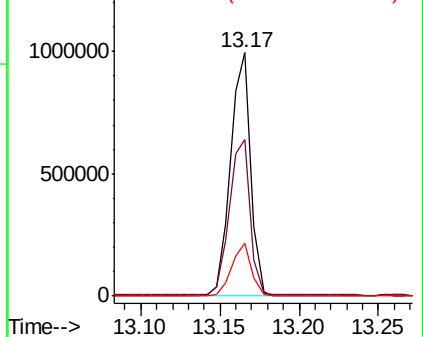
206 21.8 15.3 22.9

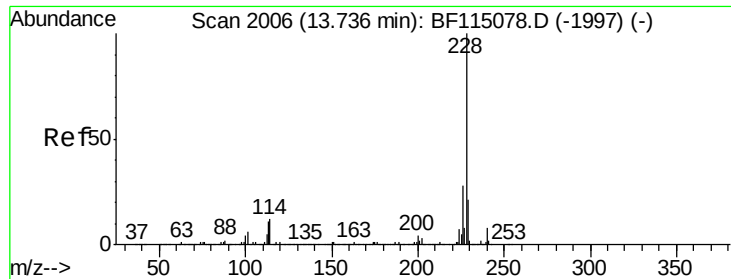


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

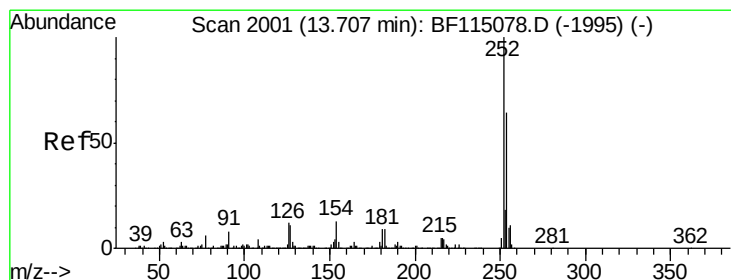
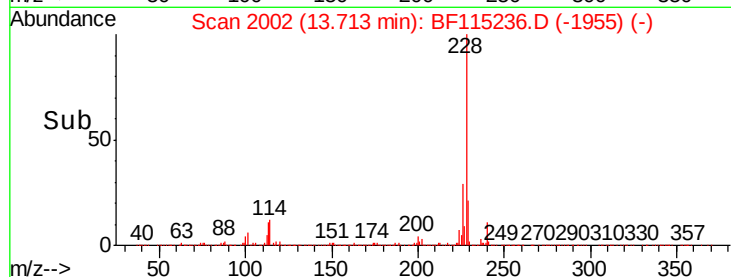
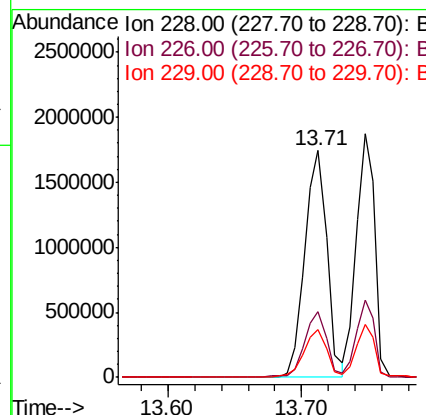
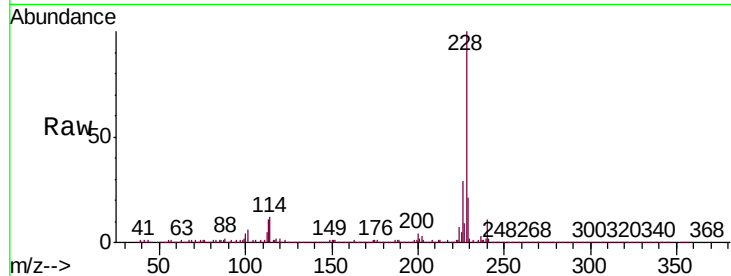




#81
Benzo(a)anthracene
Concen: 43.850 ng
RT: 13.71 min Scan# 2002
Delta R.T. -0.02 min
Lab File: BF115236.D
Acq: 27 Jun 2019 15:14

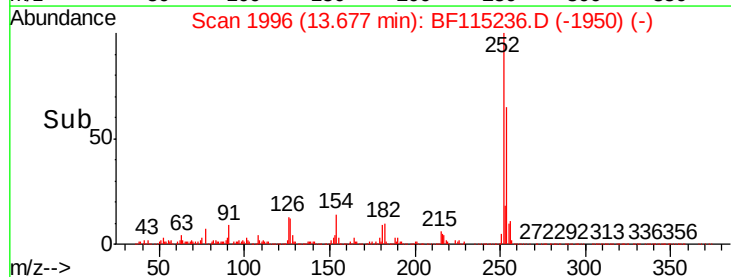
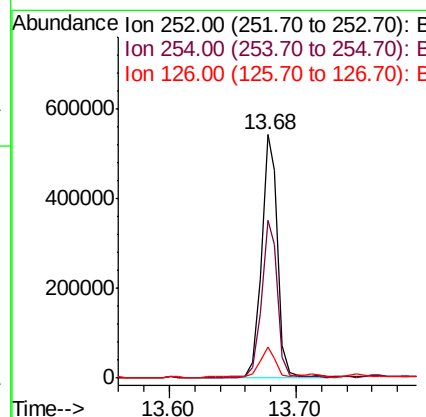
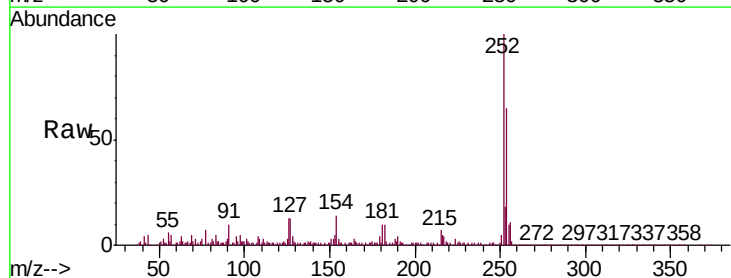
Instrument :
BNA_F
ClientSampleId :
SA-06-062619-BMSD

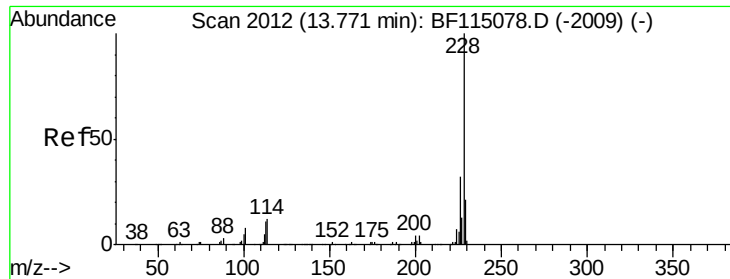
Tgt Ion: 228 Resp: 1970512
Ion Ratio Lower Upper
228 100
226 29.0 22.5 33.7
229 21.2 16.6 24.8



#82
3,3'-Dichlorobenzidine
Concen: 29.775 ng
RT: 13.68 min Scan# 1996
Delta R.T. -0.03 min
Lab File: BF115236.D
Acq: 27 Jun 2019 15:14

Tgt Ion: 252 Resp: 483180
Ion Ratio Lower Upper
252 100
254 64.8 51.1 76.7
126 12.9 9.4 14.0





#83

Chrysene

Concen: 43.892 ng

RT: 13.75 min Scan# 2008

Delta R.T. -0.02 min

Lab File: BF115236.D

Acq: 27 Jun 2019 15:14

Instrument :

BNA_F

ClientSampleId :

SA-06-062619-BMSD

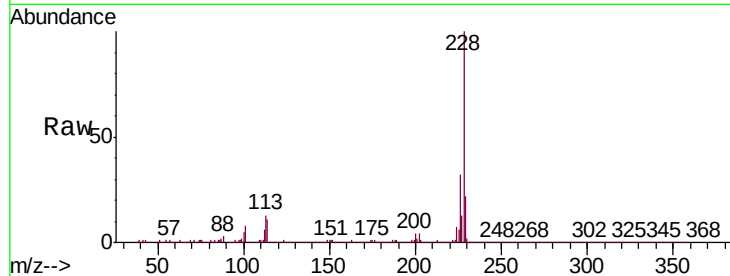
Tgt Ion:228 Resp: 1806721

Ion Ratio Lower Upper

228 100

226 31.6 25.4 38.0

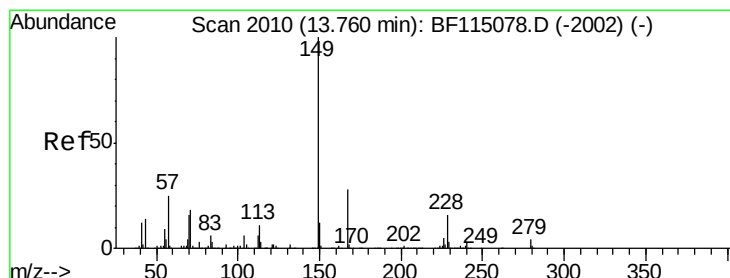
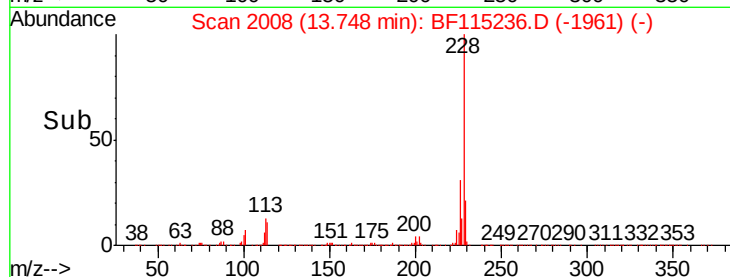
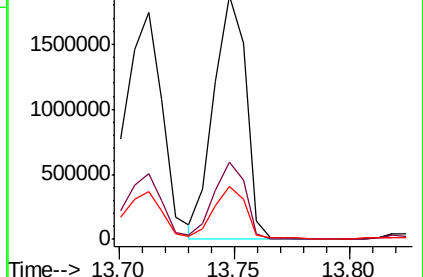
229 21.5 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.261 ng

RT: 13.73 min Scan# 2005

Delta R.T. -0.03 min

Lab File: BF115236.D

Acq: 27 Jun 2019 15:14

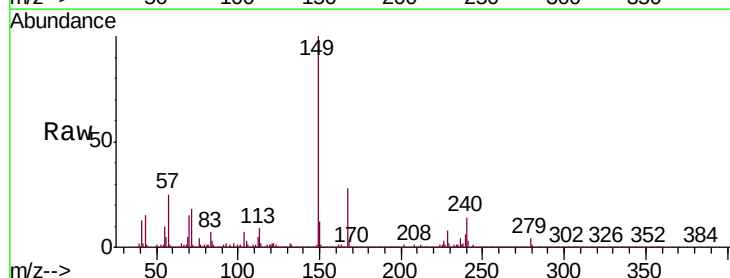
Tgt Ion:149 Resp: 1148330

Ion Ratio Lower Upper

149 100

167 27.9 22.2 33.4

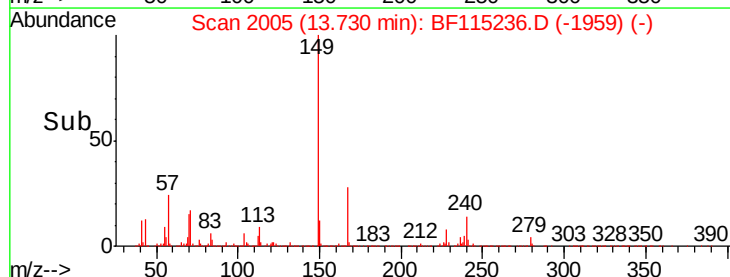
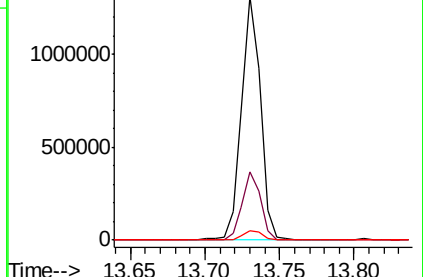
279 3.9 2.9 4.3

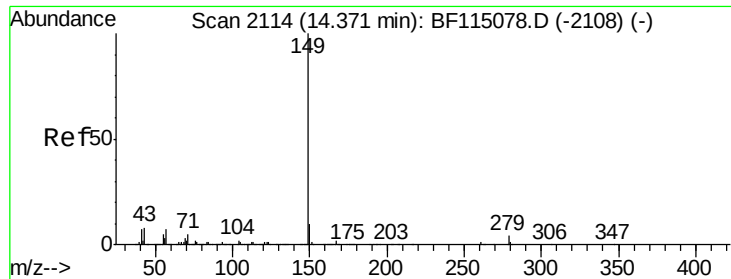


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.730 ng

RT: 14.34 min Scan# 2109

Delta R.T. -0.03 min

Lab File: BF115236.D

Acq: 27 Jun 2019 15:14

Instrument :

BNA_F

ClientSampleId :

SA-06-062619-BMSD

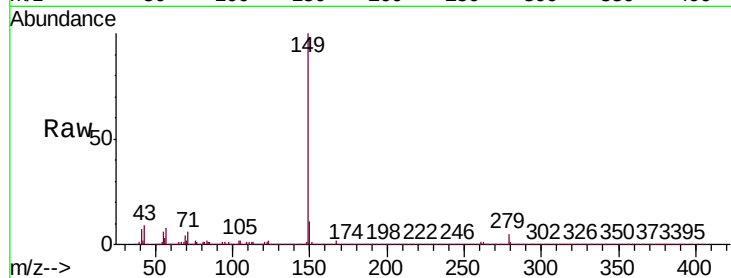
Tgt Ion:149 Resp: 1951325

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

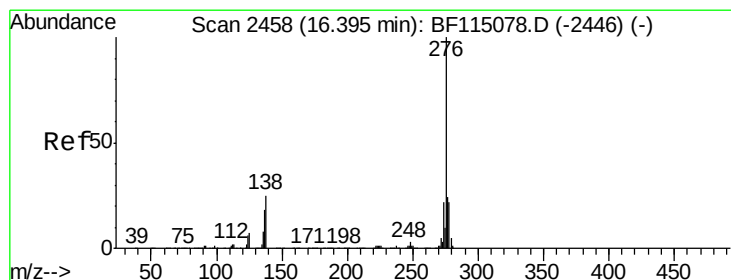
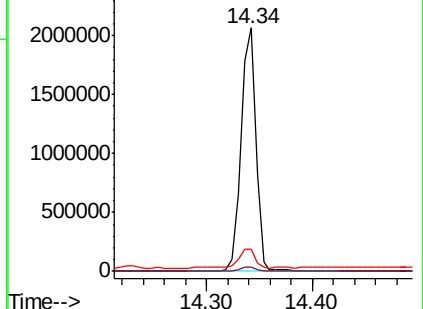
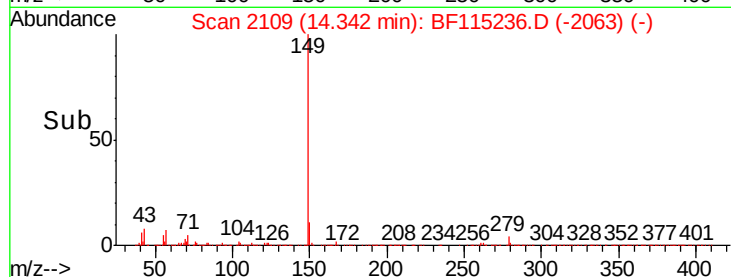
43 8.9 7.0 10.6



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: 26.558 ng

RT: 16.35 min Scan# 2451

Delta R.T. -0.04 min

Lab File: BF115236.D

Acq: 27 Jun 2019 15:14

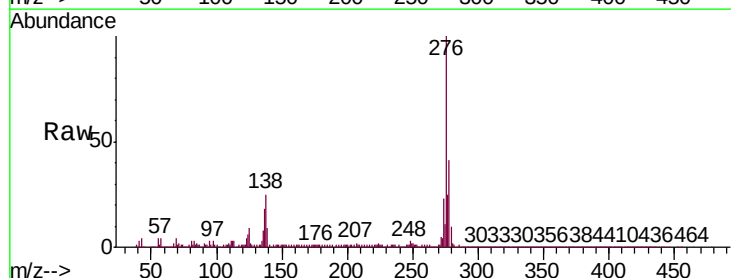
Tgt Ion:276 Resp: 1293592

Ion Ratio Lower Upper

276 100

138 27.4 23.2 34.8

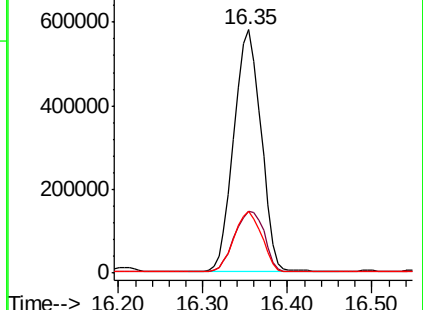
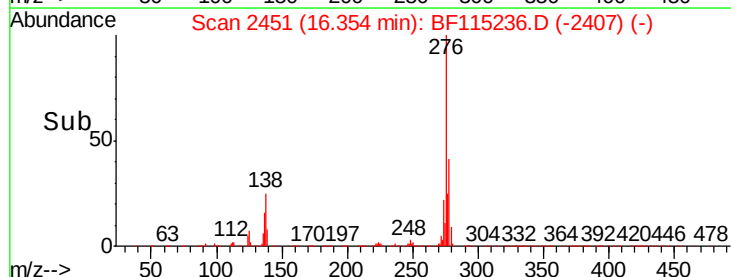
277 25.3 20.1 30.1

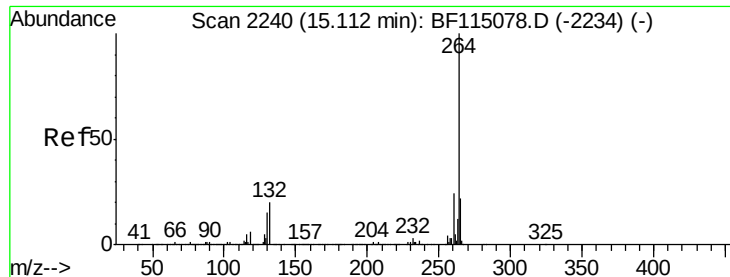


Abundance Ion 276.00 (275.70 to 276.70): E

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. -0.03 min

Lab File: BF115236.D

Acq: 27 Jun 2019 15:14

Instrument :

BNA_F

ClientSampleId :

SA-06-062619-BMSD

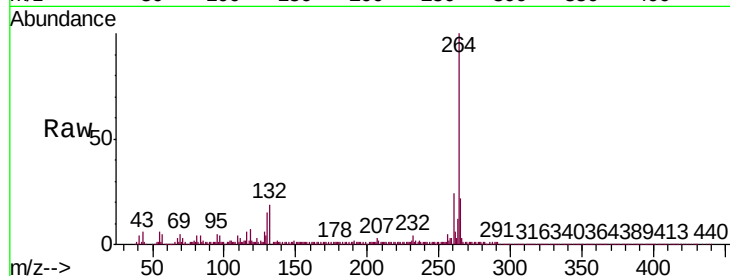
Tgt Ion:264 Resp: 590549

Ion Ratio Lower Upper

264 100

260 24.2 19.6 29.4

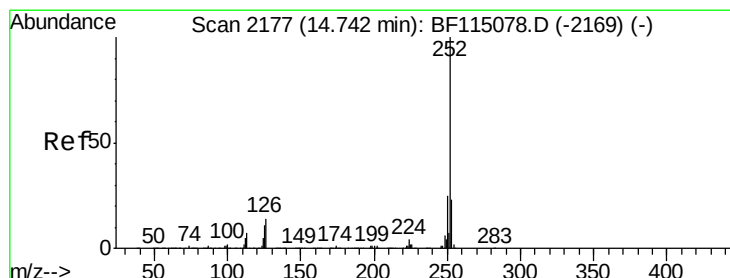
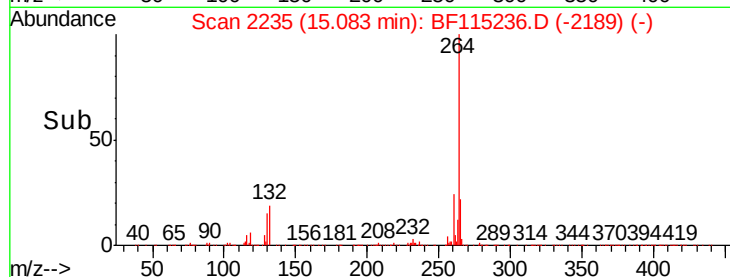
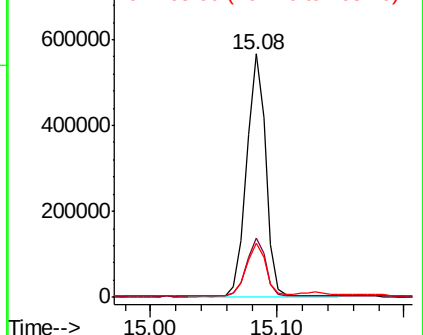
265 22.3 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 51.795 ng

RT: 14.71 min Scan# 2172

Delta R.T. -0.03 min

Lab File: BF115236.D

Acq: 27 Jun 2019 15:14

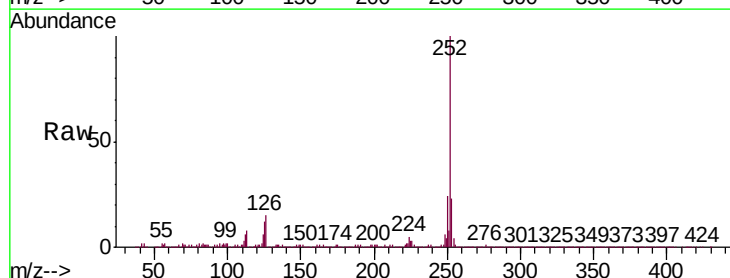
Tgt Ion:252 Resp: 1908565

Ion Ratio Lower Upper

252 100

253 23.2 18.1 27.1

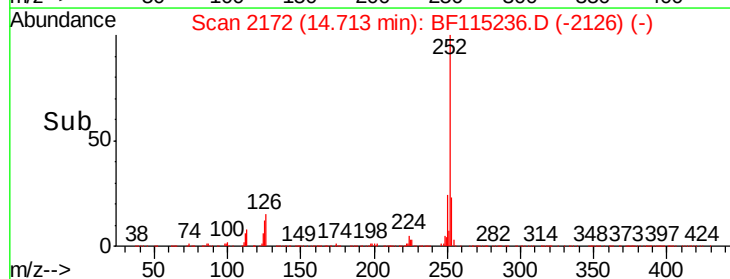
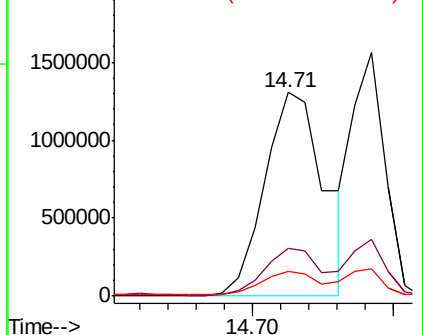
125 12.3 8.7 13.1

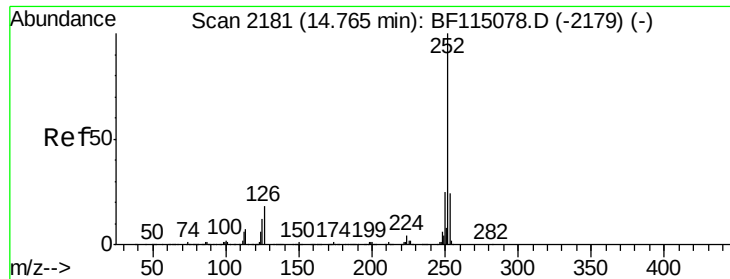


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

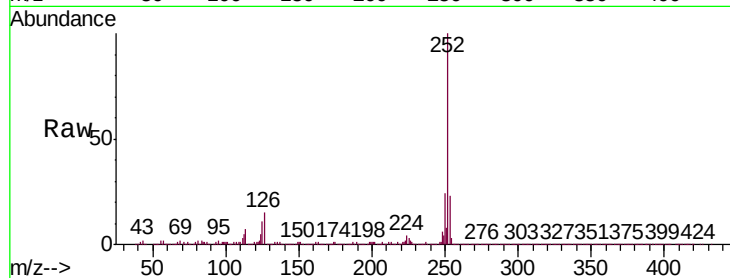




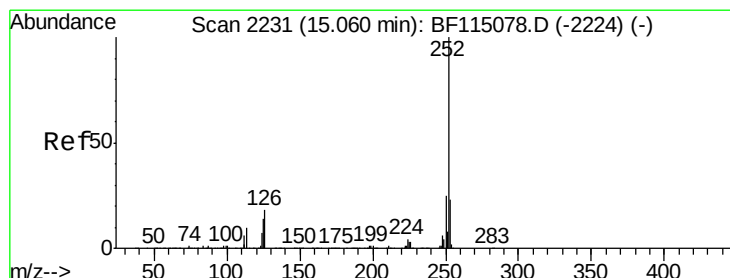
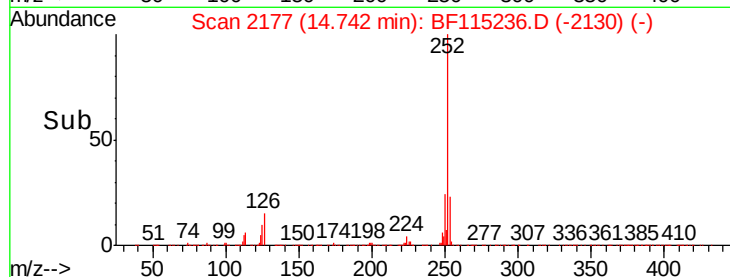
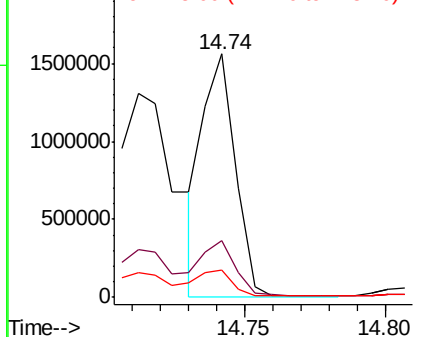
#89
Benzo(k)fluoranthene
Concen: 38.174 ng
RT: 14.74 min Scan# 2177
Delta R.T. -0.02 min
Lab File: BF115236.D
Acq: 27 Jun 2019 15:14

Instrument :
BNA_F
ClientSampleId :
SA-06-062619-BMSD

Tgt Ion:252 Resp: 1261477
Ion Ratio Lower Upper
252 100
253 23.1 18.9 28.3
125 11.1 10.2 15.2

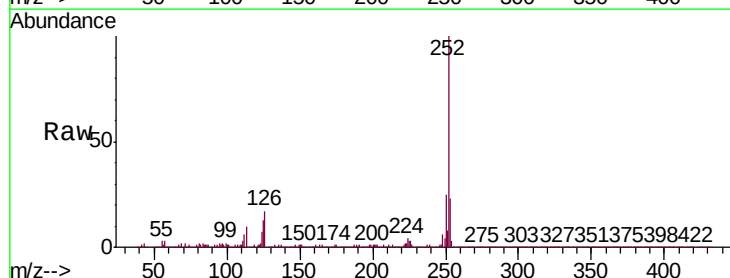


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

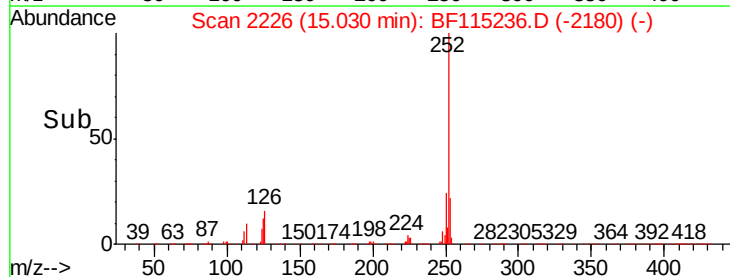
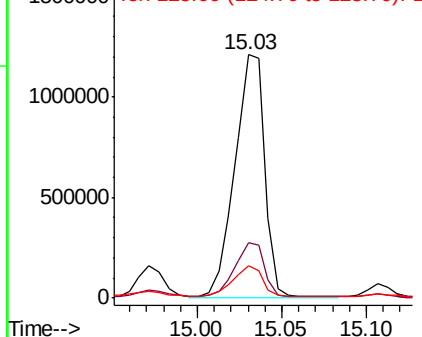


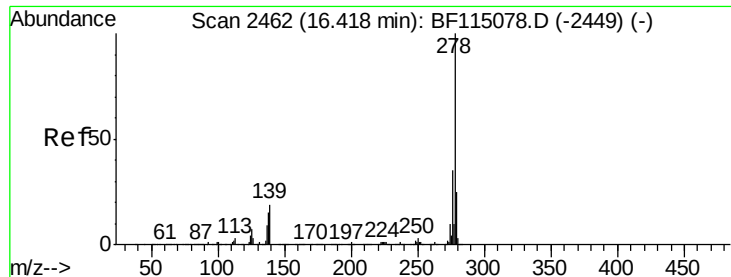
#90
Benzo(a)pyrene
Concen: 44.634 ng
RT: 15.03 min Scan# 2226
Delta R.T. -0.03 min
Lab File: BF115236.D
Acq: 27 Jun 2019 15:14

Tgt Ion:252 Resp: 1482390
Ion Ratio Lower Upper
252 100
253 22.8 18.3 27.5
125 13.3 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: 33.649 ng

RT: 16.37 min Scan# 2454

Delta R.T. -0.05 min

Lab File: BF115236.D

Acq: 27 Jun 2019 15:14

Instrument :

BNA_F

ClientSampleId :

SA-06-062619-BMSD

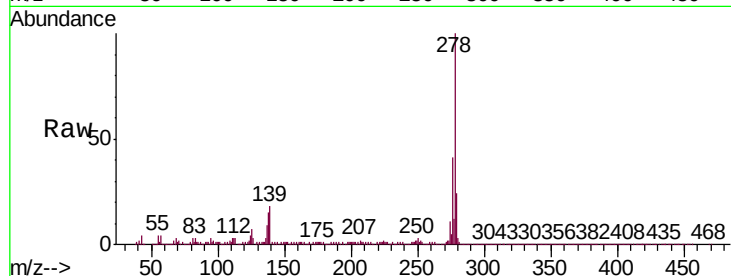
Tgt Ion:278 Resp: 1043316

Ion Ratio Lower Upper

278 100

139 17.5 15.4 23.2

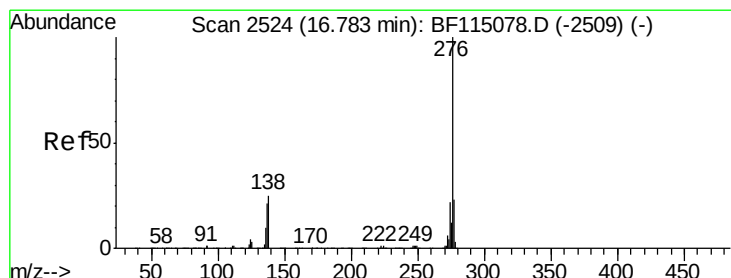
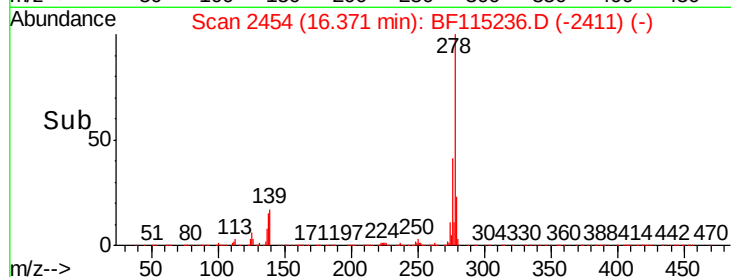
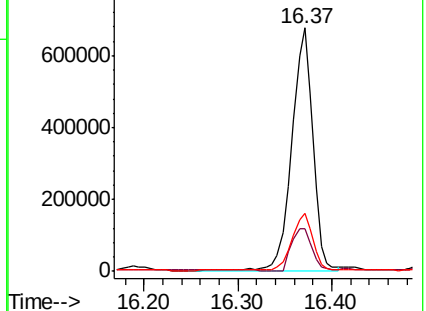
279 23.9 19.9 29.9



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: 34.199 ng

RT: 16.73 min Scan# 2515

Delta R.T. -0.05 min

Lab File: BF115236.D

Acq: 27 Jun 2019 15:14

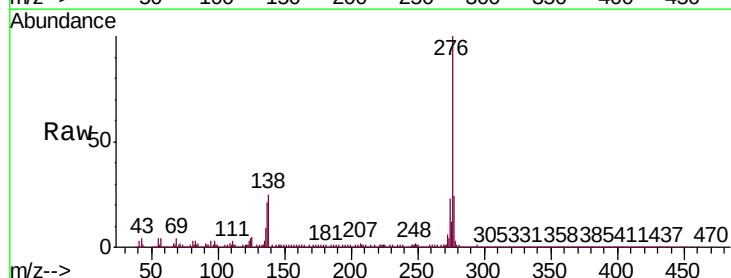
Tgt Ion:276 Resp: 1073216

Ion Ratio Lower Upper

276 100

277 24.0 18.6 28.0

138 24.6 19.8 29.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

