

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072919\
 Data File : BF115836.D
 Acq On : 29 Jul 2019 12:24
 Operator : HP/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 29 13:11:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 29 13:05:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	157614	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	646873	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	318465	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	615294	20.00	ng	0.00
76) Chrysene-d12	14.03	240	415739	20.00	ng	0.00
87) Perylene-d12	15.49	264	422136	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1161533	120.54	ng	0.00
7) Phenol-d6	6.50	99	1497044	122.44	ng	0.01
23) Nitrobenzene-d5	7.43	82	1365362	122.73	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	403610	108.58	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2058154	113.12	ng	0.00
79) Terphenyl-d14	12.97	244	2318853	102.92	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	304701	63.393	ng	99
3) Pyridine	3.39	79	821662	63.008	ng	99
4) n-Nitrosodimethylamine	3.35	42	349669	73.913	ng	100
6) Aniline	6.53	93	1015260	59.668	ng	99
8) 2-Chlorophenol	6.66	128	662244	59.777	ng	99
9) Benzaldehyde	6.42	77	368064	48.172	ng	98
10) Phenol	6.52	94	875506	61.683	ng	86
11) bis(2-Chloroethyl)ether	6.60	93	665249	61.561	ng	98
12) 1,3-Dichlorobenzene	6.81	146	732528	58.810	ng	99
13) 1,4-Dichlorobenzene	6.88	146	726894	58.490	ng	98
14) 1,2-Dichlorobenzene	7.04	146	659862	58.083	ng	98
15) Benzyl Alcohol	7.01	79	568887	58.653	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	866782	60.926	ng	96
17) 2-Methylphenol	7.12	107	575085	60.235	ng	98
18) Hexachloroethane	7.38	117	275333	59.689	ng	95
19) n-Nitroso-di-n-propylamine	7.29	70	457107	57.324	ng	99
20) 3+4-Methylphenols	7.27	107	618923	54.577	ng	93
22) Acetophenone	7.28	105	835784	57.191	ng	99
24) Nitrobenzene	7.45	77	745946	62.167	ng	98
25) Isophorone	7.69	82	1348142	60.561	ng	99
26) 2-Nitrophenol	7.76	139	382571	61.943	ng	92
27) 2,4-Dimethylphenol	7.80	122	529632	57.313	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	810185	59.325	ng	99
29) 2,4-Dichlorophenol	8.01	162	563092	58.591	ng	98
30) 1,2,4-Trichlorobenzene	8.09	180	627629	57.774	ng	99
31) Naphthalene	8.17	128	1821876	58.154	ng	99
32) Benzoic acid	7.96	122	470106	61.988	ng	99
33) 4-Chloroaniline	8.22	127	836506	60.281	ng	99
34) Hexachlorobutadiene	8.29	225	354997	56.984	ng	97
35) Caprolactam	8.61	113	155403	52.328	ng	94
36) 4-Chloro-3-methylphenol	8.70	107	597961	59.981	ng	99
37) 2-Methylnaphthalene	8.86	142	1177761	56.714	ng	98
38) 1-Methylnaphthalene	8.96	142	1138056	57.697	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	543428	56.665	ng	100

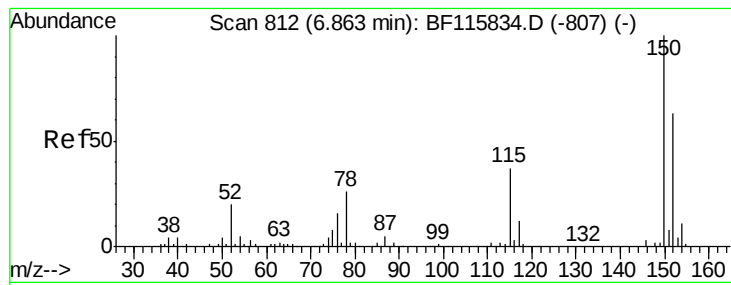
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072919\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	252383	46.135	ng	100
43) 2,4,6-Trichlorophenol	9.14	196	377217	53.787	ng	98
44) 2,4,5-Trichlorophenol	9.18	196	403295	56.152	ng	98
46) 1,1'-Biphenyl	9.32	154	1416859	56.908	ng	99
47) 2-Chloronaphthalene	9.35	162	1196155	57.699	ng	99
48) 2-Nitroaniline	9.45	65	407785	63.553	ng	100
49) Acenaphthylene	9.76	152	1759630	57.283	ng	98
50) Dimethylphthalate	9.63	163	1433990	59.848	ng	100
51) 2,6-Dinitrotoluene	9.69	165	319034	58.591	ng	93
52) Acenaphthene	9.94	154	1065904	53.747	ng	99
53) 3-Nitroaniline	9.86	138	393410	63.224	ng	97
54) 2,4-Dinitrophenol	9.96	184	171763	61.440	ng	99
55) Dibenzofuran	10.11	168	1539774	54.672	ng	99
56) 4-Nitrophenol	10.02	139	286652	60.412	ng	94
57) 2,4-Dinitrotoluene	10.09	165	426454	60.452	ng	92
58) Fluorene	10.45	166	1164523	57.839	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	333713	55.582	ng	99
60) Diethylphthalate	10.32	149	1274777	56.783	ng	99
61) 4-Chlorophenyl-phenylether	10.44	204	579860	51.934	ng	99
62) 4-Nitroaniline	10.47	138	405273	67.900	ng	99
63) Azobenzene	10.60	77	1320138	60.625	ng	98
65) 4,6-Dinitro-2-methylphenol	10.50	198	231602	61.609	ng	84
66) n-Nitrosodiphenylamine	10.56	169	1093134	57.114	ng	99
67) 4-Bromophenyl-phenylether	10.93	248	386379	54.951	ng	96
68) Hexachlorobenzene	11.00	284	434577	54.121	ng	99
69) Atrazine	11.08	200	214880	34.223	ng	99
70) Pentachlorophenol	11.19	266	234795	47.808	ng	98
71) Phenanthrene	11.41	178	1793186	56.855	ng	99
72) Anthracene	11.46	178	1802185	55.291	ng	99
73) Carbazole	11.62	167	1688086	59.059	ng	98
74) Di-n-butylphthalate	11.94	149	1884174	53.516	ng	98
75) Fluoranthene	12.60	202	1932831	57.993	ng	99
77) Benzidine	12.71	184	677528	46.004	ng	98
78) Pyrene	12.83	202	1963122	55.734	ng	99
80) Butylbenzylphthalate	13.44	149	843886	56.201	ng	96
81) Benzo(a)anthracene	14.02	228	1680923	61.372	ng	99
82) 3,3'-Dichlorobenzidine	13.97	252	532016	54.641	ng	99
83) Chrysene	14.06	228	1588295	57.767	ng	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	1060121	56.998	ng	# 98
85) Di-n-octyl phthalate	14.61	149	1659274	56.070	ng	99
86) Indeno(1,2,3-cd)pyrene	16.97	276	1598069	68.413	ng	99
88) Benzo(b)fluoranthene	15.07	252	1460928	53.746	ng	99
89) Benzo(k)fluoranthene	15.10	252	1395135	57.568	ng	100
90) Benzo(a)pyrene	15.44	252	1348450	57.718	ng	98
91) Dibenzo(a,h)anthracene	16.99	278	1259298	61.399	ng	99
92) Benzo(g,h,i)perylene	17.42	276	1316700	64.370	ng	100

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.86 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF115836.D

Acq: 29 Jul 2019 12:24

Instrument :

BNA_F

ClientSampleId :

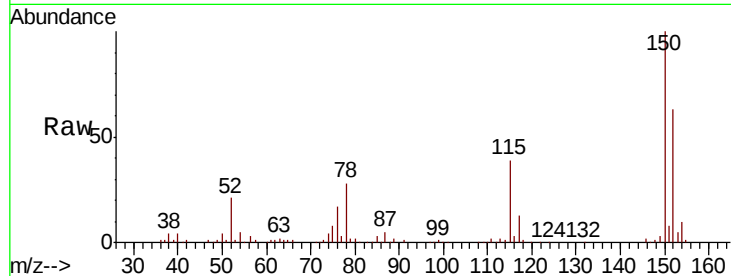
Tot Ion:152 Resp: 157614

Ion Ratio Lower Upper

152 100

150 159.4 127.6 191.4

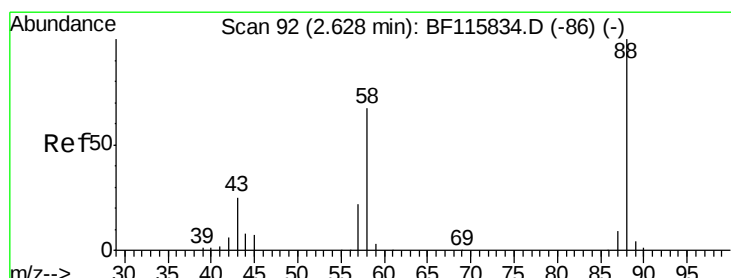
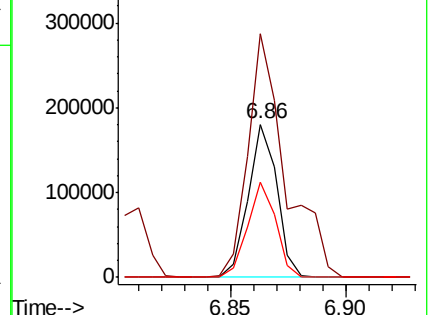
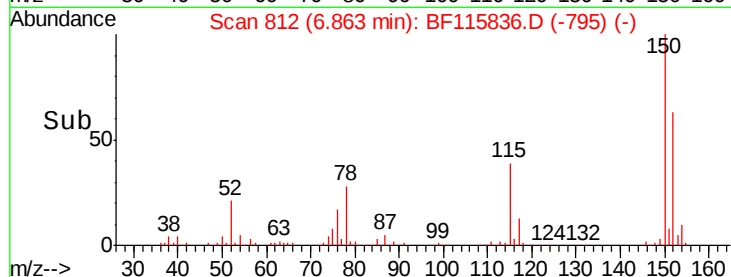
115 62.0 47.7 71.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 63.393 ng

RT: 2.63 min Scan# 92

Delta R.T. 0.00 min

Lab File: BF115836.D

Acq: 29 Jul 2019 12:24

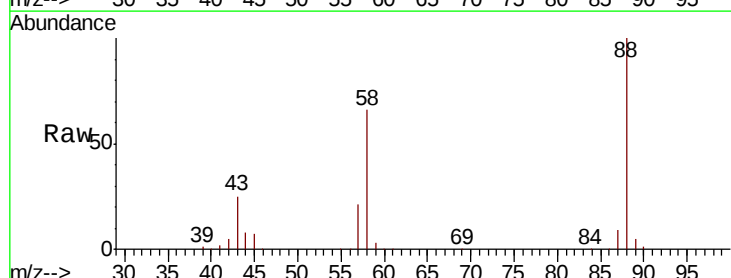
Tgt Ion: 88 Resp: 304701

Ion Ratio Lower Upper

88 100

58 67.0 54.4 81.6

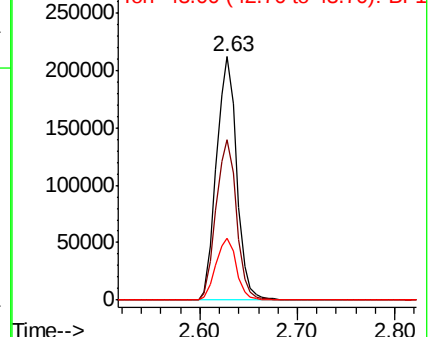
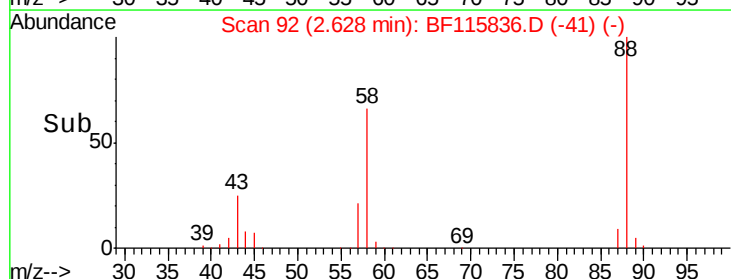
43 25.8 21.1 31.7

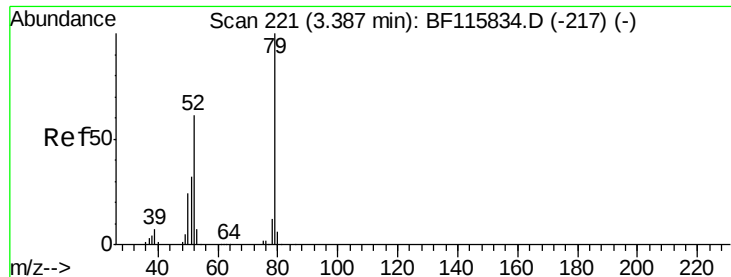


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 63.008 ng

RT: 3.39 min Scan# 221

Delta R.T. 0.00 min

Lab File: BF115836.D

Acq: 29 Jul 2019 12:24

Instrument :

BNA_F

ClientSampleId :

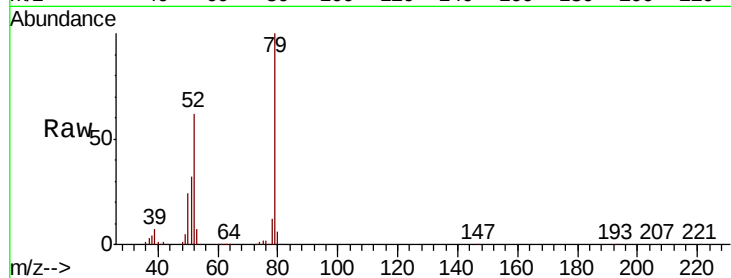
Tot Ion: 79 Resp: 821662

Ion Ratio Lower Upper

79 100

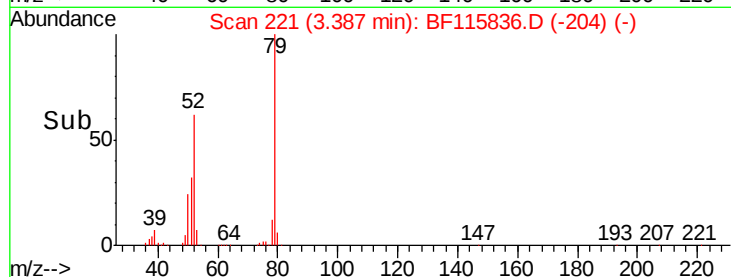
52 62.2 48.6 73.0

51 31.9 25.3 37.9

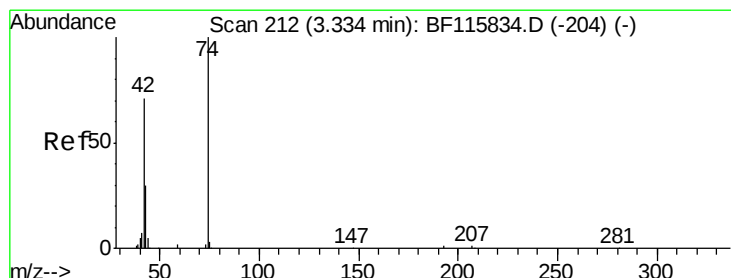


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

3.39



Time-->



#4

n-Nitrosodimethylamine

Concen: 73.913 ng

RT: 3.35 min Scan# 215

Delta R.T. 0.02 min

Lab File: BF115836.D

Acq: 29 Jul 2019 12:24

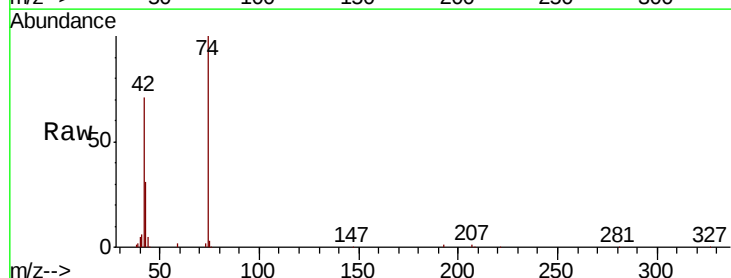
Tgt Ion: 42 Resp: 349669

Ion Ratio Lower Upper

42 100

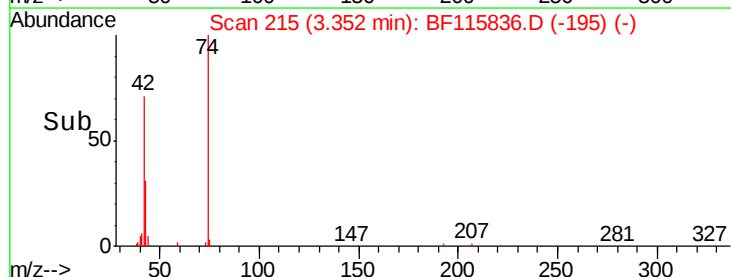
74 141.5 113.0 169.6

44 6.5 5.4 8.0

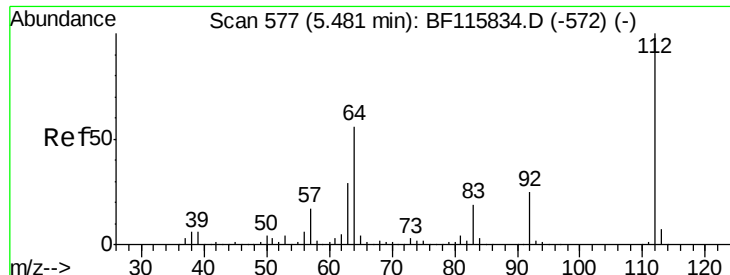


Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1

3.35



Time-->



#5

2-Fluorophenol

Concen: 120.543 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.01 min

Lab File: BF115836.D

Acq: 29 Jul 2019 12:24

Instrument :

BNA_F

ClientSampled :

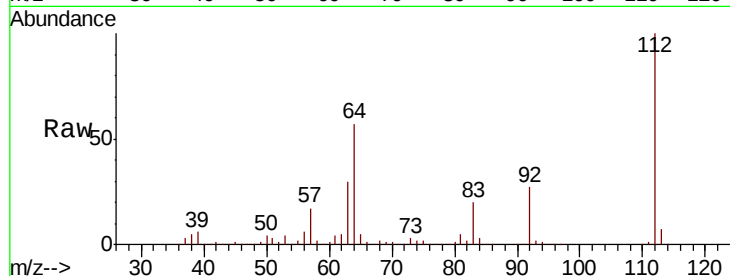
Tot Ion:112 Resp: 1161533

Ion Ratio Lower Upper

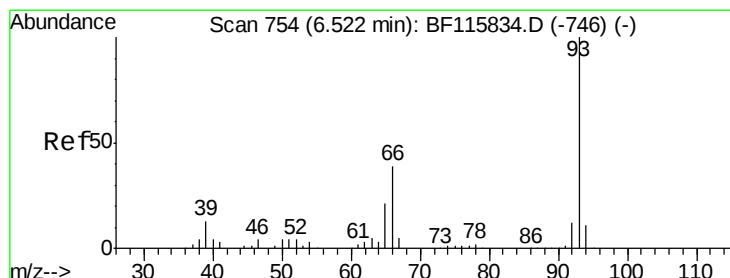
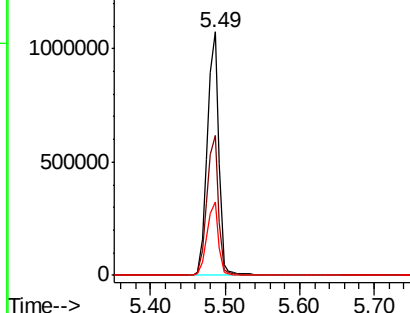
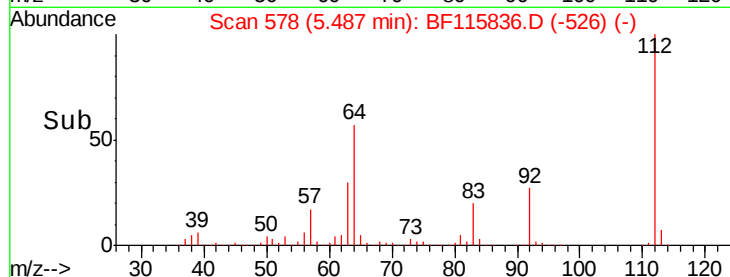
112 100

64 57.4 44.9 67.3

63 29.9 23.4 35.0



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: 59.668 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF115836.D

Acq: 29 Jul 2019 12:24

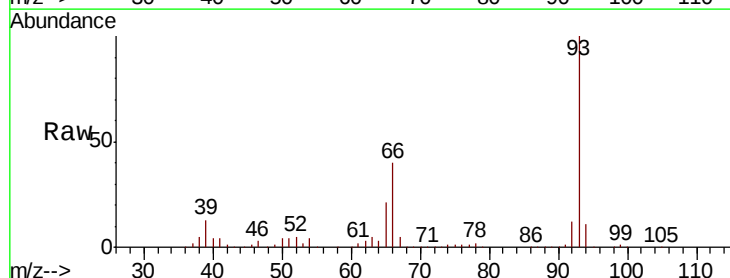
Tgt Ion: 93 Resp: 1015260

Ion Ratio Lower Upper

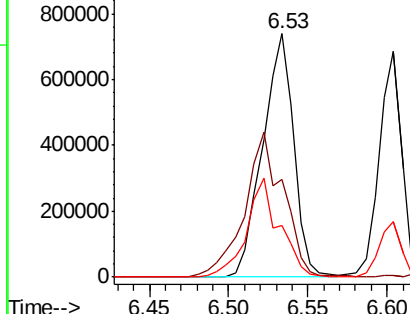
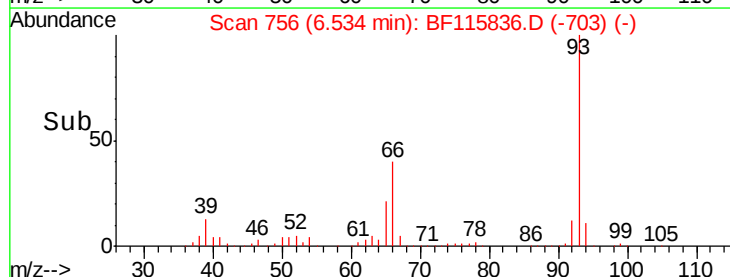
93 100

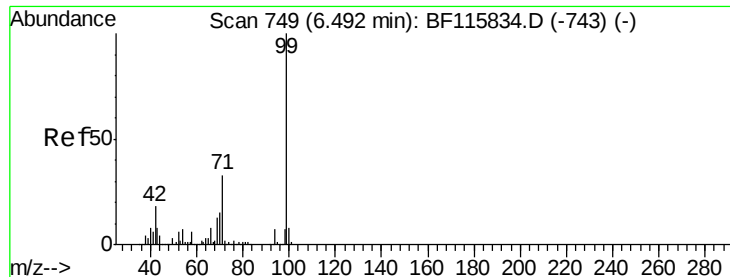
66 40.2 31.9 47.9

65 21.0 17.0 25.6



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: 122.440 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF115836.D

Acq: 29 Jul 2019 12:24

Instrument :

BNA_F

ClientSampleId :

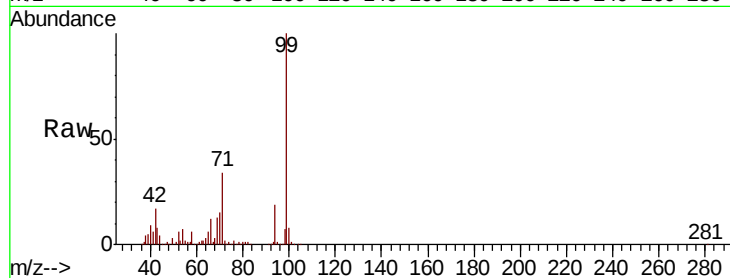
Tot Ion: 99 Resp: 1497044

Ion Ratio Lower Upper

99 100

42 17.1 14.1 21.1

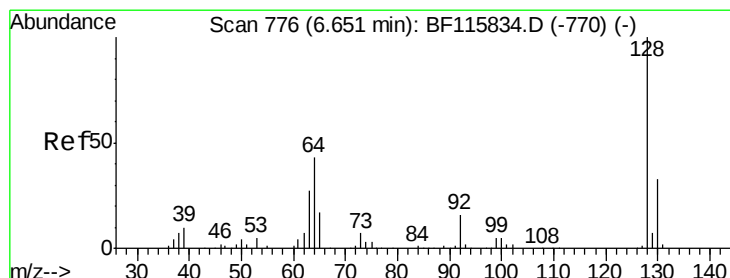
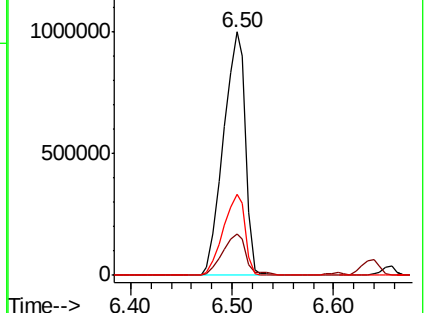
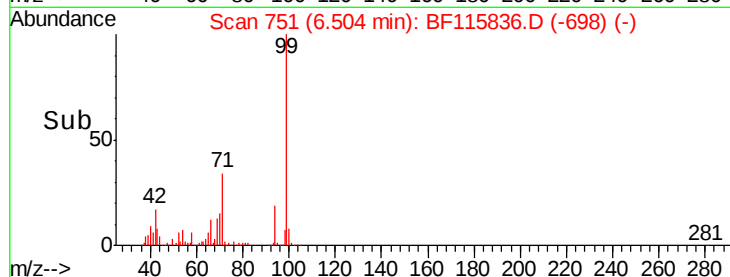
71 33.5 26.4 39.6



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: 59.777 ng

RT: 6.66 min Scan# 777

Delta R.T. 0.01 min

Lab File: BF115836.D

Acq: 29 Jul 2019 12:24

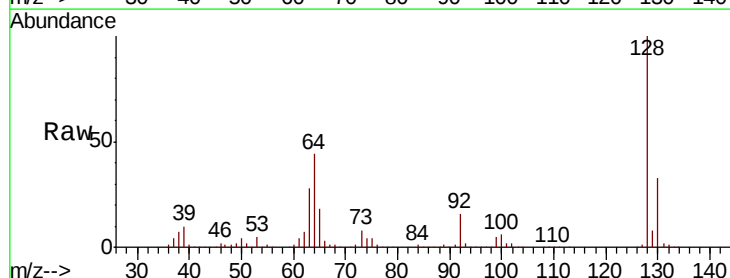
Tgt Ion: 128 Resp: 662244

Ion Ratio Lower Upper

128 100

130 33.1 13.4 53.4

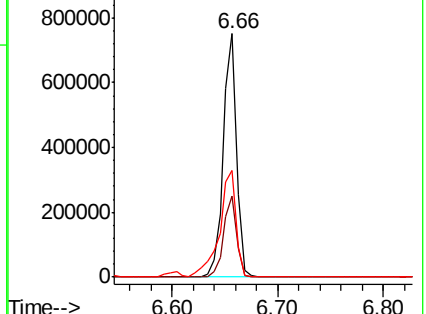
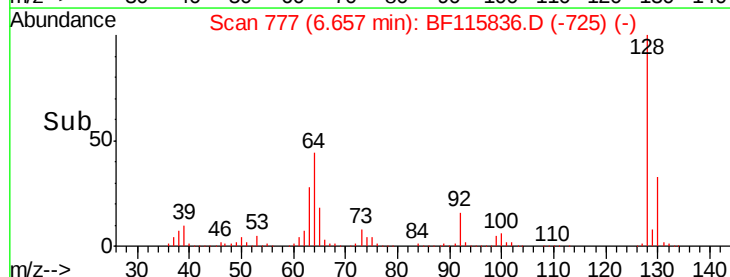
64 44.0 23.6 63.6

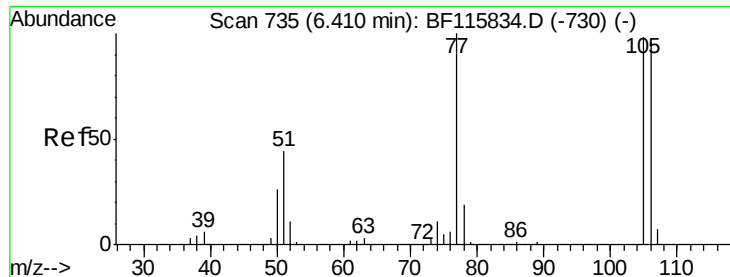


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 48.172 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF115836.D

Acq: 29 Jul 2019 12:24

Instrument :

BNA_F

ClientSampleId :

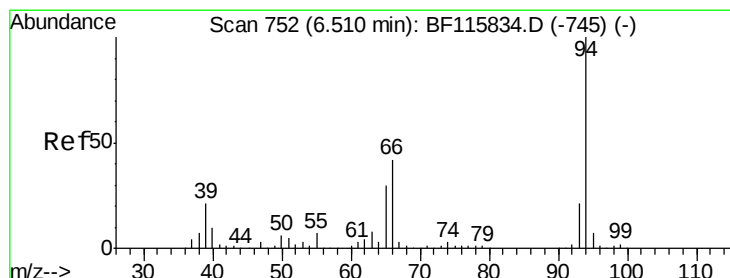
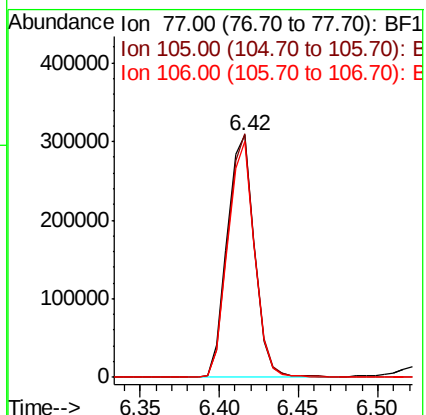
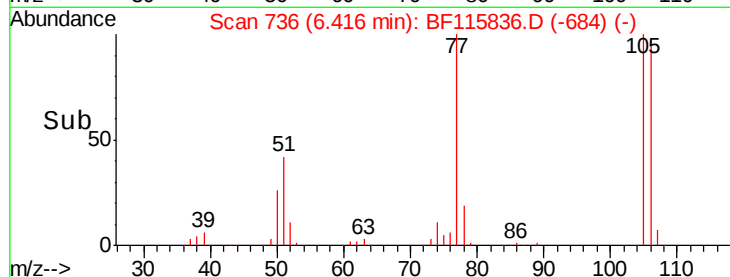
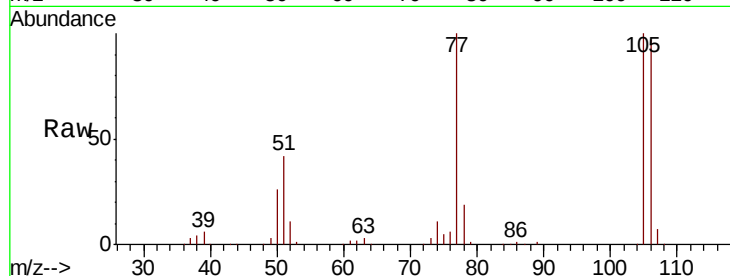
Tot Ion: 77 Resp: 368064

Ion Ratio Lower Upper

77 100

105 100.5 77.8 117.8

106 97.5 76.1 116.1



#10

Phenol

Concen: 61.683 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF115836.D

Acq: 29 Jul 2019 12:24

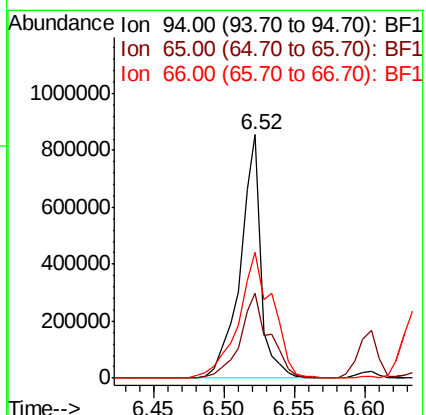
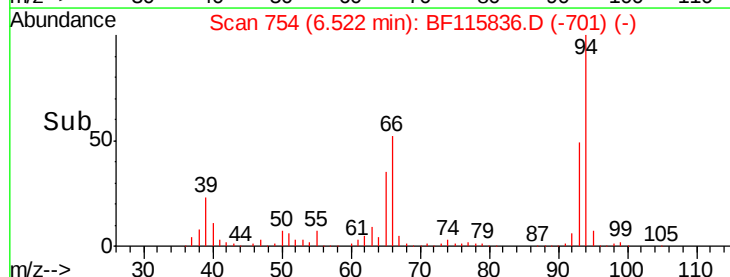
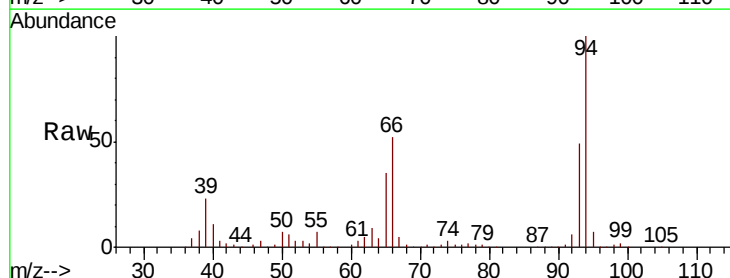
Tgt Ion: 94 Resp: 875506

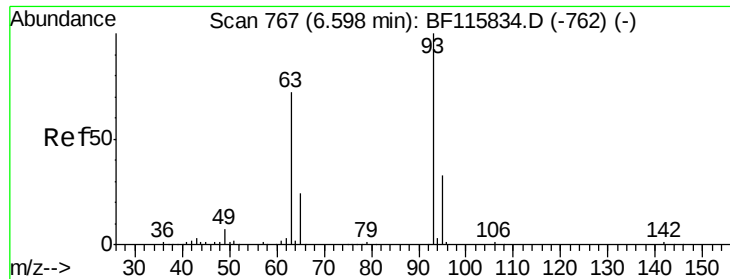
Ion Ratio Lower Upper

94 100

65 35.1 9.7 49.7

66 51.6 21.5 61.5

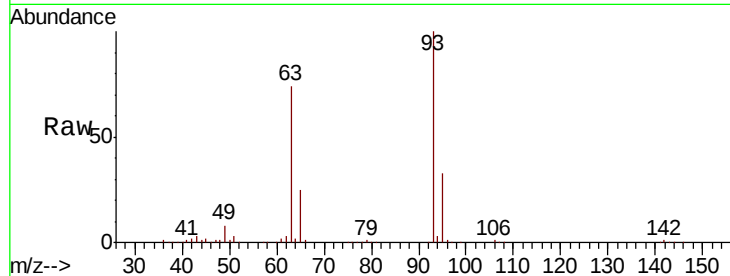




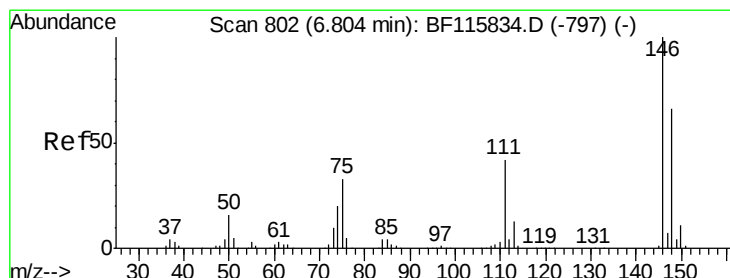
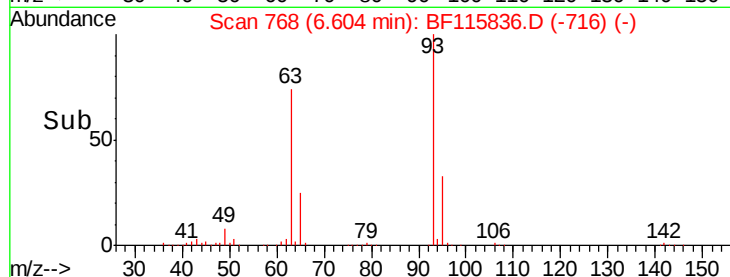
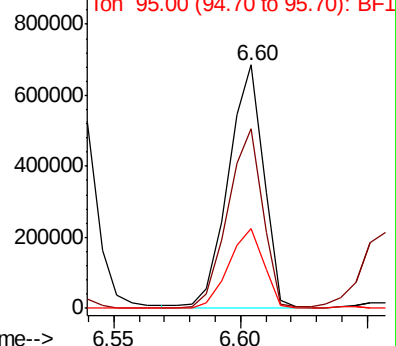
#11
bis(2-Chloroethyl)ether
Concen: 61.561 ng
RT: 6.60 min Scan# 768
Delta R.T. 0.01 min
Lab File: BF115836.D
Acq: 29 Jul 2019 12:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 665249
Ion Ratio Lower Upper
93 100
63 73.6 51.9 91.9
95 32.9 12.7 52.7

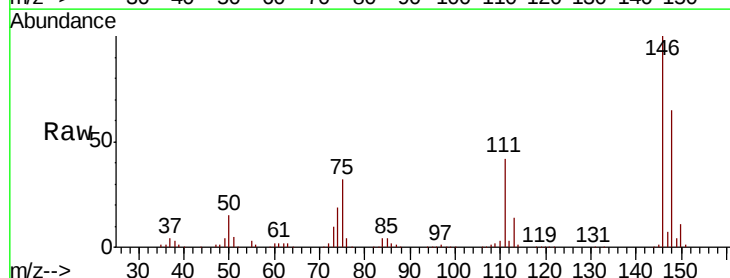


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

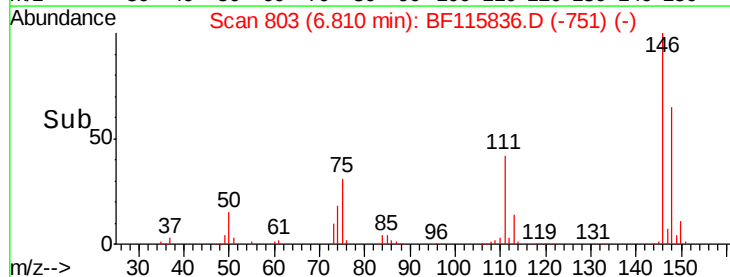
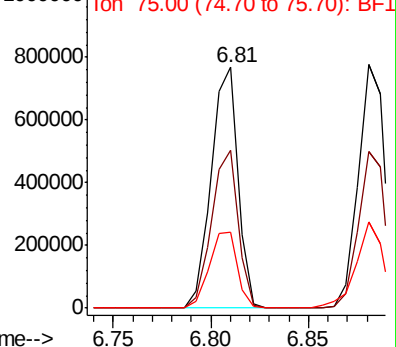


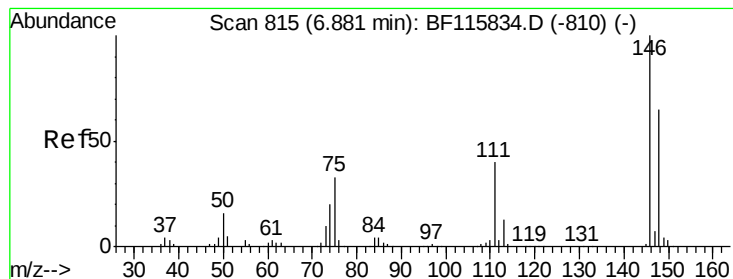
#12
1,3-Dichlorobenzene
Concen: 58.810 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.01 min
Lab File: BF115836.D
Acq: 29 Jul 2019 12:24

Tgt Ion: 146 Resp: 732528
Ion Ratio Lower Upper
146 100
148 65.4 52.5 78.7
75 31.5 26.5 39.7



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 58.490 ng

RT: 6.88 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF115836.D

Acq: 29 Jul 2019 12:24

Instrument :

BNA_F

ClientSampleId :

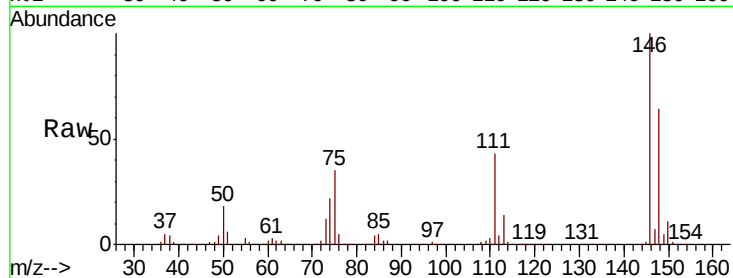
Tot Ion:146 Resp: 726894

Ion Ratio Lower Upper

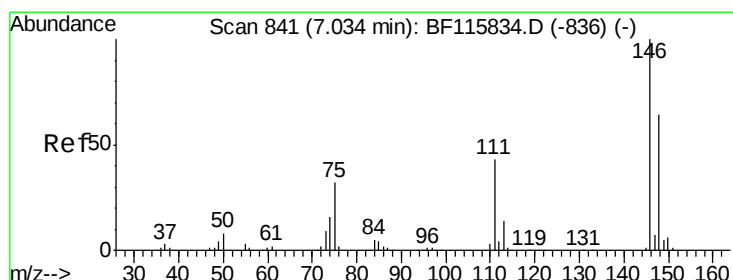
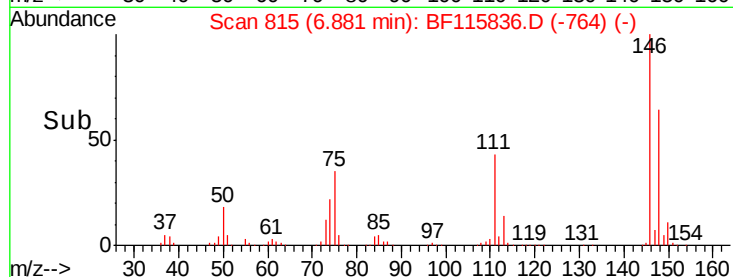
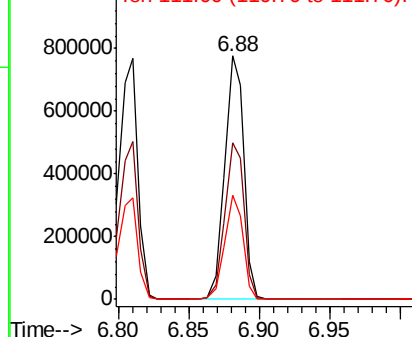
146 100

148 64.2 51.6 77.4

111 43.0 31.9 47.9



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



#14

1,2-Dichlorobenzene

Concen: 58.083 ng

RT: 7.04 min Scan# 842

Delta R.T. 0.01 min

Lab File: BF115836.D

Acq: 29 Jul 2019 12:24

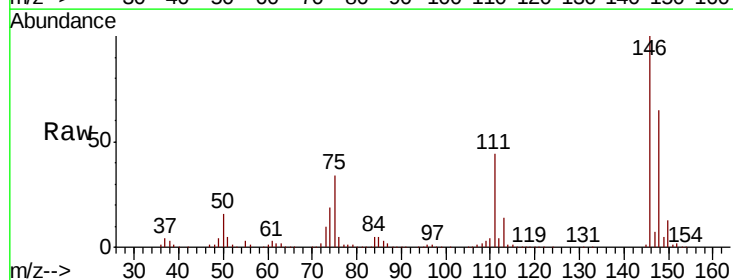
Tgt Ion:146 Resp: 659862

Ion Ratio Lower Upper

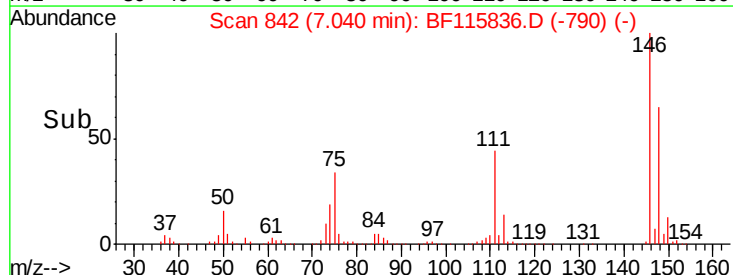
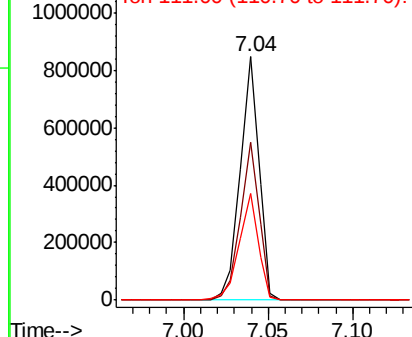
146 100

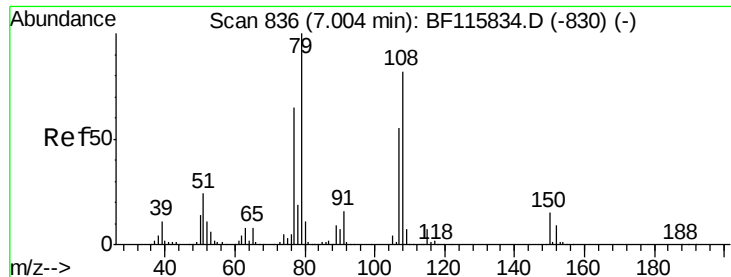
148 64.8 50.9 76.3

111 44.0 34.4 51.6



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





#15

Benzyl Alcohol

Concen: 58.653 ng

RT: 7.01 min Scan# 837

Delta R.T. 0.01 min

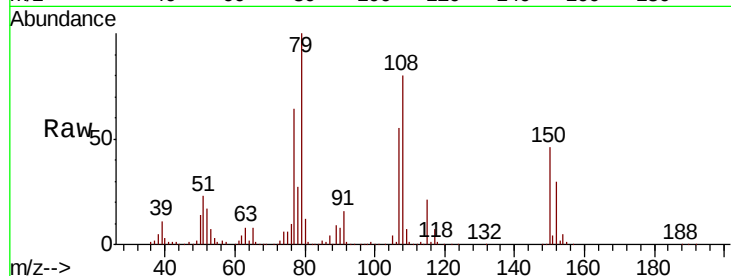
Lab File: BF115836.D

Acq: 29 Jul 2019 12:24

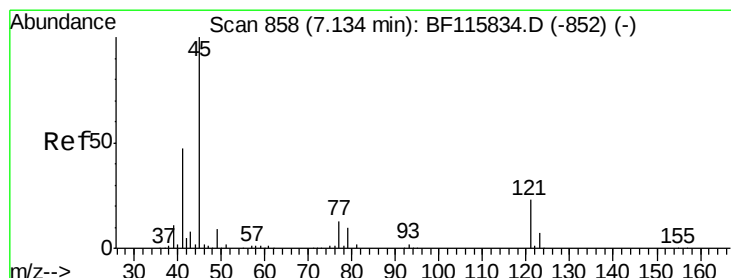
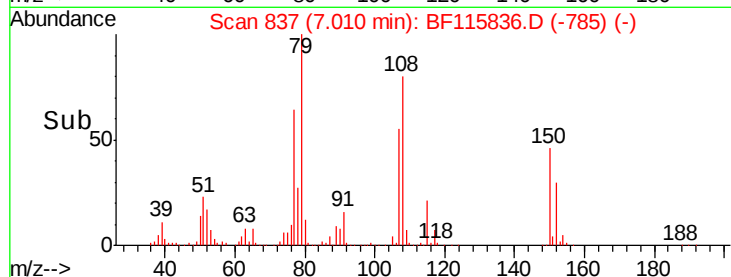
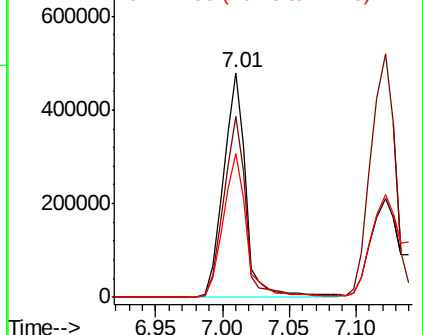
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 568887

Ion	Ratio	Lower	Upper
79	100		
108	80.5	65.4	98.2
77	63.9	52.2	78.2



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 60.926 ng

RT: 7.14 min Scan# 859

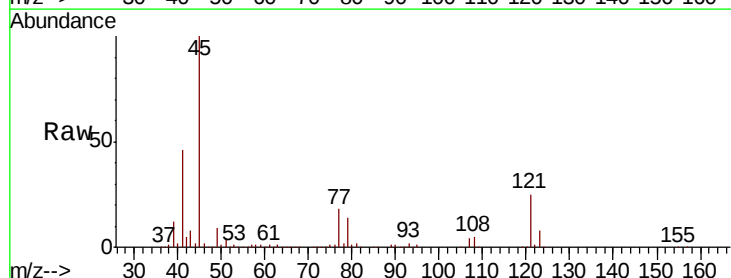
Delta R.T. 0.01 min

Lab File: BF115836.D

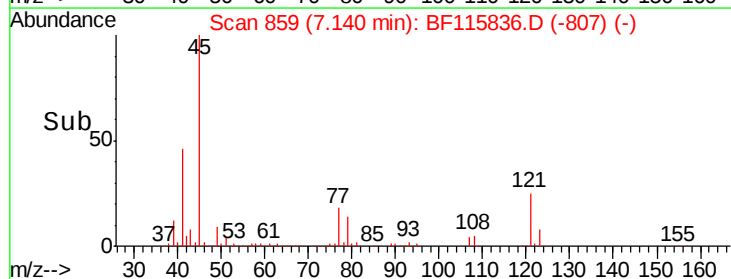
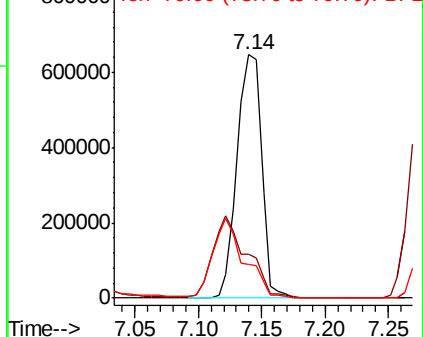
Acq: 29 Jul 2019 12:24

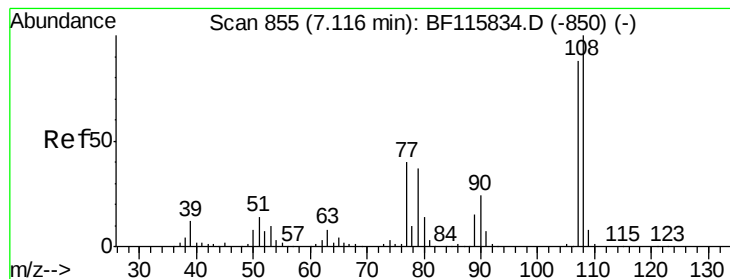
Tgt Ion: 45 Resp: 866782

Ion	Ratio	Lower	Upper
45	100		
77	18.1	0.0	36.5
79	14.0	0.0	32.7



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 60.235 ng

RT: 7.12 min Scan# 856

Delta R.T. 0.01 min

Lab File: BF115836.D

Acq: 29 Jul 2019 12:24

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 575085

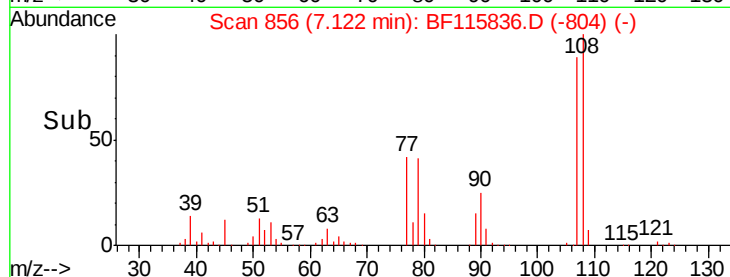
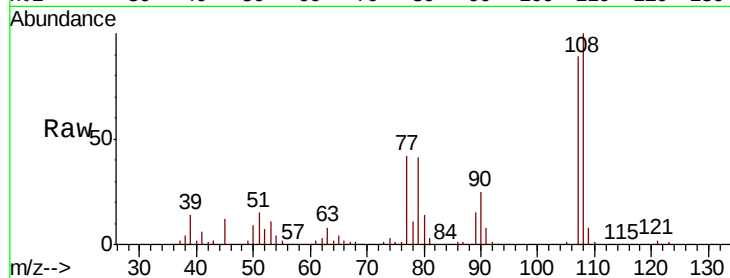
Ion Ratio Lower Upper

107 100

108 113.0 91.4 137.2

77 47.5 36.6 54.8

79 45.9 34.7 52.1

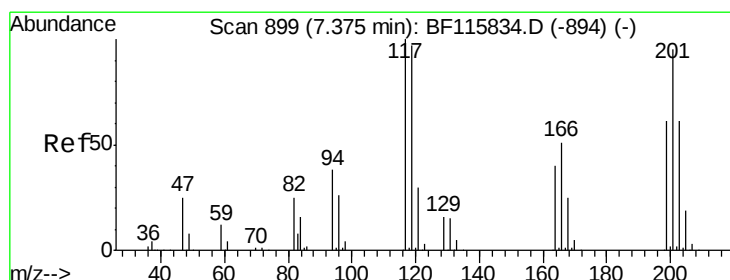
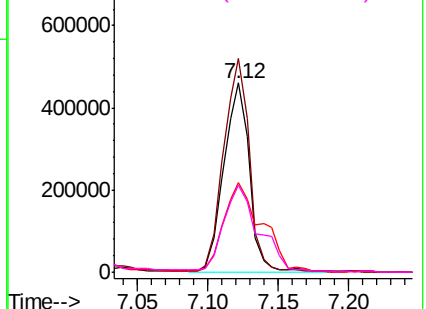


Abundance Ion 107.00 (106.70 to 107.70): E

800000 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: 59.689 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.01 min

Lab File: BF115836.D

Acq: 29 Jul 2019 12:24

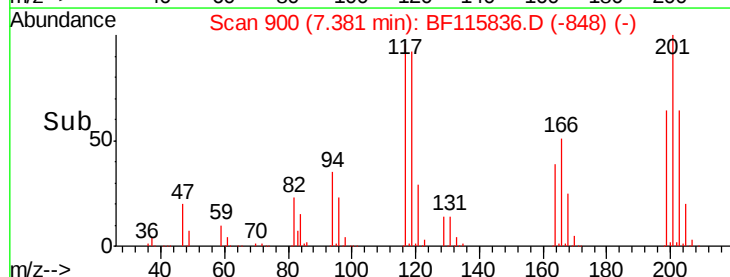
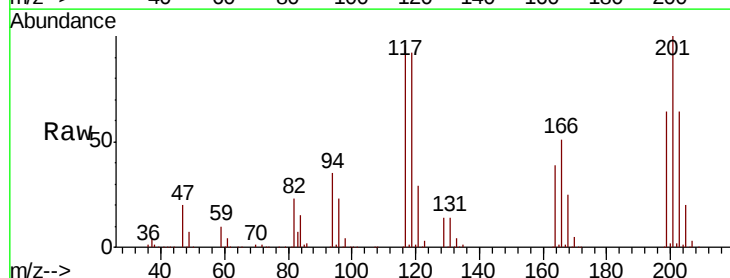
Tgt Ion:117 Resp: 275333

Ion Ratio Lower Upper

117 100

119 96.2 77.5 116.3

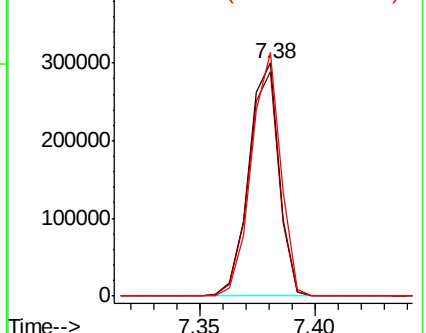
201 104.5 75.9 113.9

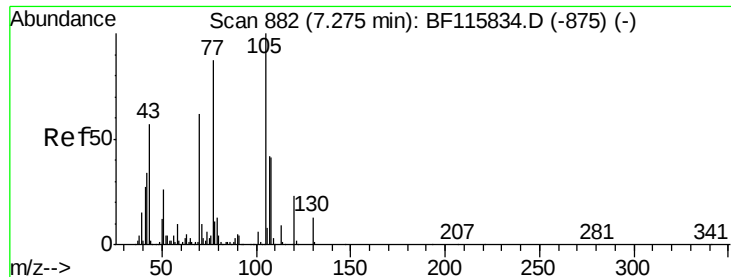


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

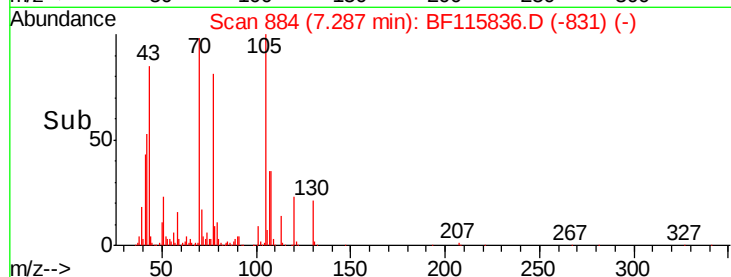
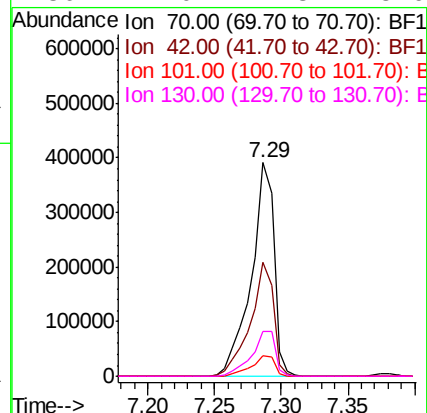
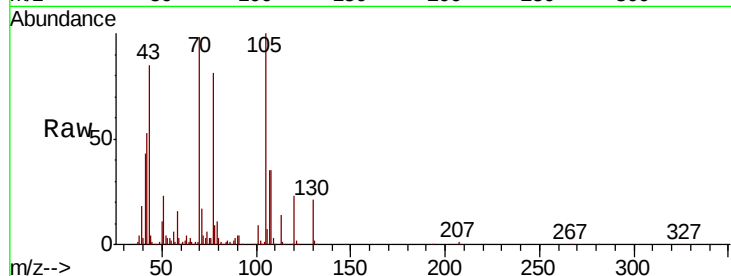




#19
n-Nitroso-di-n-propylamine
Concen: 57.324 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.01 min
Lab File: BF115836.D
Acq: 29 Jul 2019 12:24

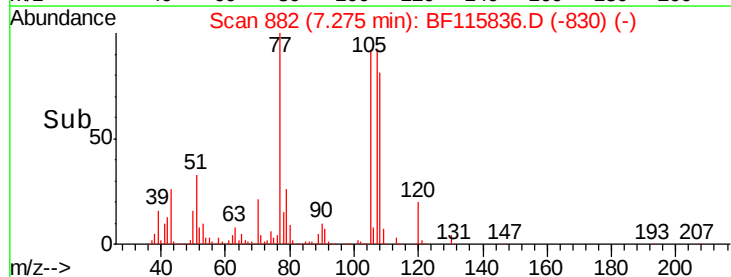
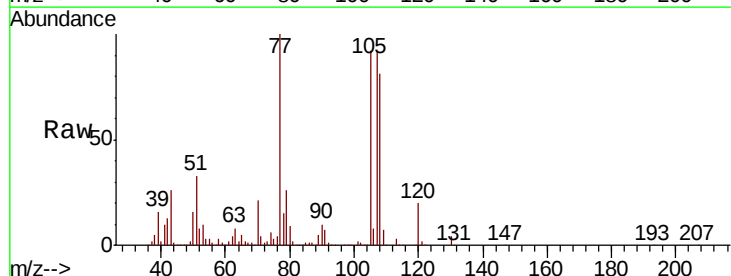
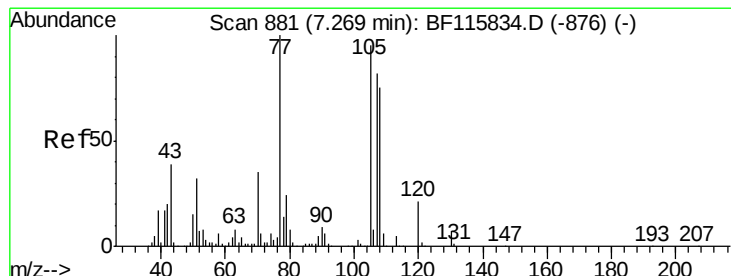
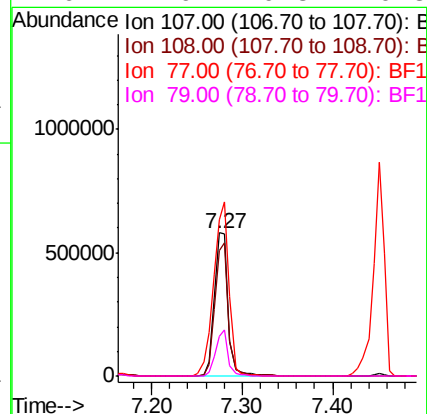
Instrument :
BNA_F
ClientSampleId :

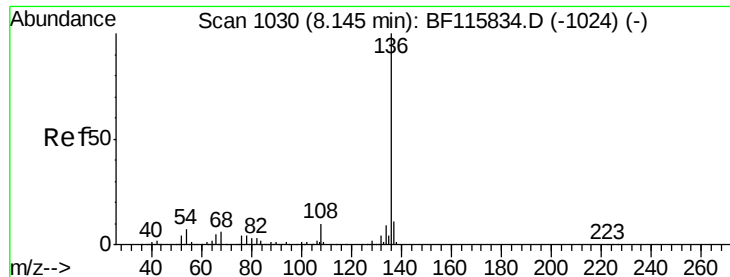
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	53.5	43.4	65.0	
101	9.6	7.9	11.9	
130	21.0	17.3	25.9	



#20
3+4-Methylphenols
Concen: 54.577 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.01 min
Lab File: BF115836.D
Acq: 29 Jul 2019 12:24

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.0	71.2	111.2	
77	109.1	102.2	142.2	
79	27.9	9.3	49.3	

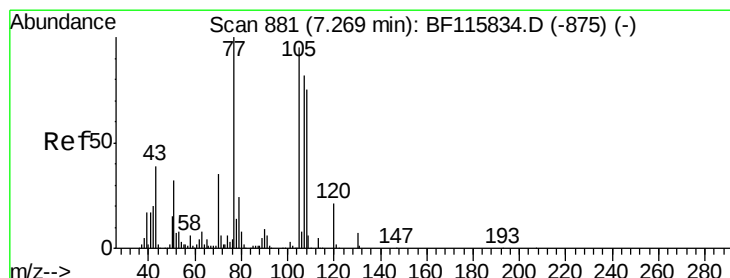
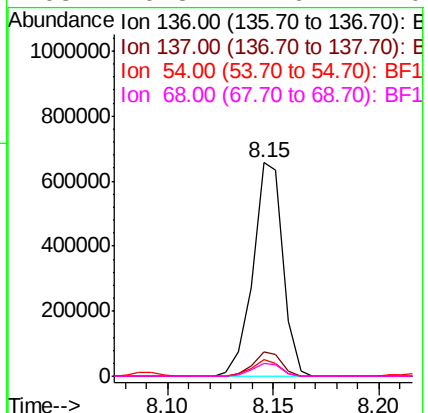
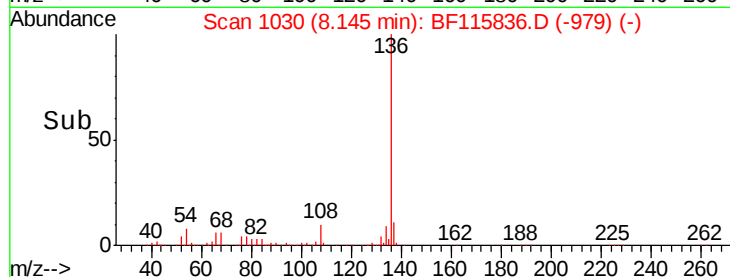
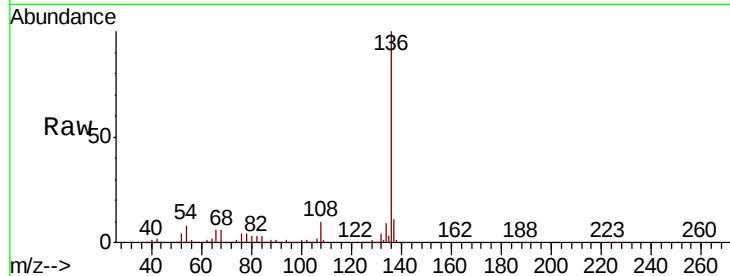




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF115836.D
Acq: 29 Jul 2019 12:24

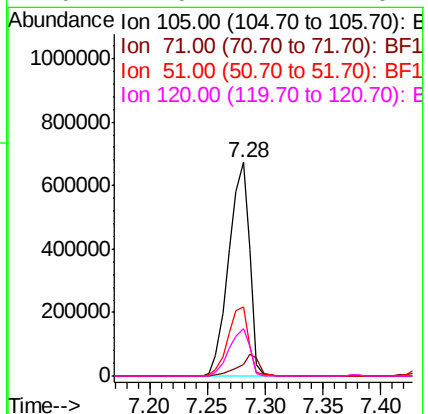
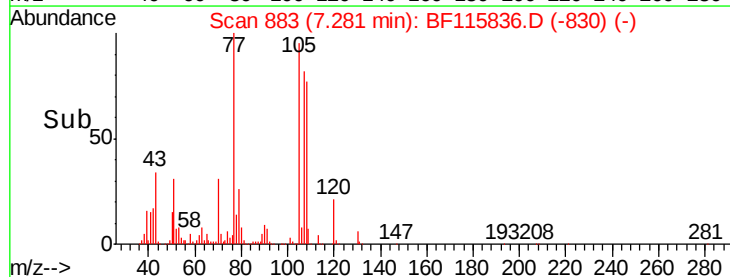
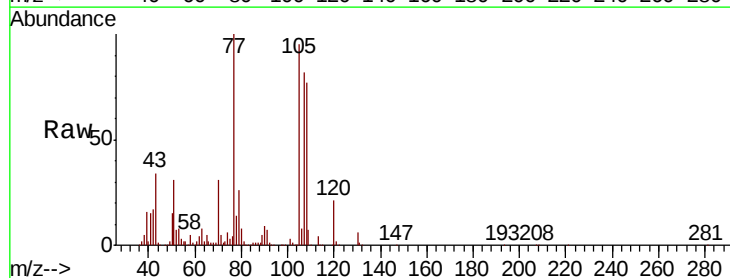
Instrument :
BNA_F
ClientSampleId :

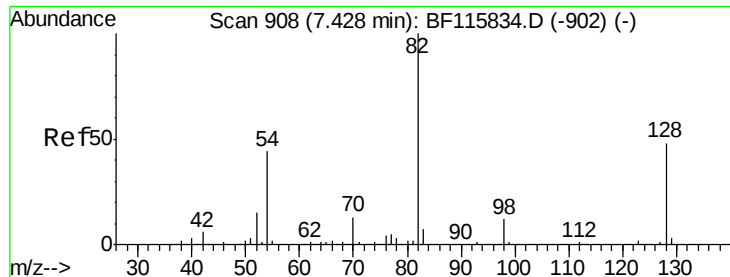
Tot Ion:136	Resp: 646873
Ion Ratio	Lower Upper
136 100	
137 11.2	9.0 13.4
54 7.7	5.4 8.2
68 6.3	4.6 7.0



#22
Acetophenone
Concen: 57.191 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.01 min
Lab File: BF115836.D
Acq: 29 Jul 2019 12:24

Tgt	Ion:105	Resp:	835784
Ion	Ratio	Lower	Upper
105	100		
71	5.6	5.0	7.6
51	32.7	27.0	40.6
120	21.9	17.4	26.2

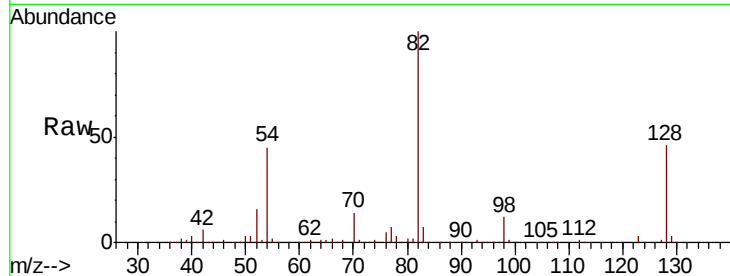




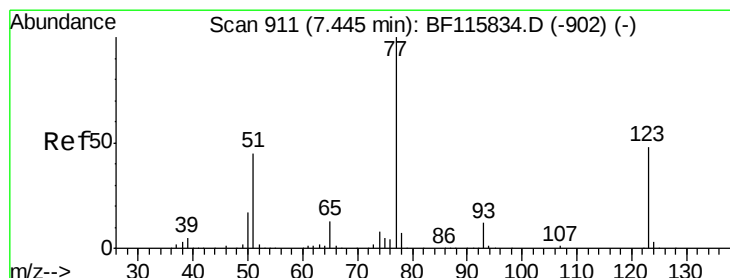
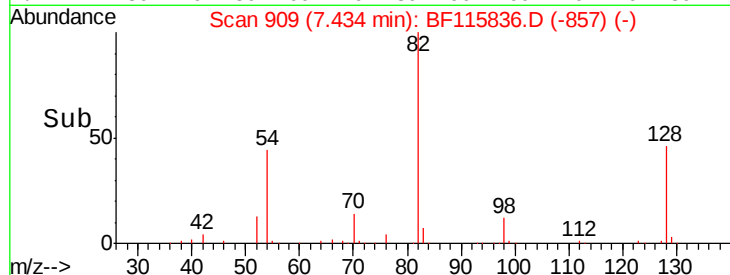
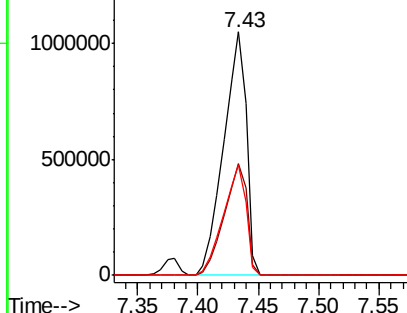
#23
 Nitrobenzene-d5
 Concen: 122.731 ng
 RT: 7.43 min Scan# 909
 Delta R.T. 0.01 min
 Lab File: BF115836.D
 Acq: 29 Jul 2019 12:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 1365362
 Ion Ratio Lower Upper
 82 100
 128 45.7 38.0 57.0
 54 45.3 35.4 53.0

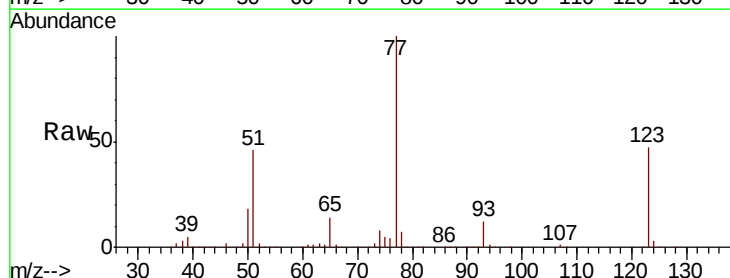


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

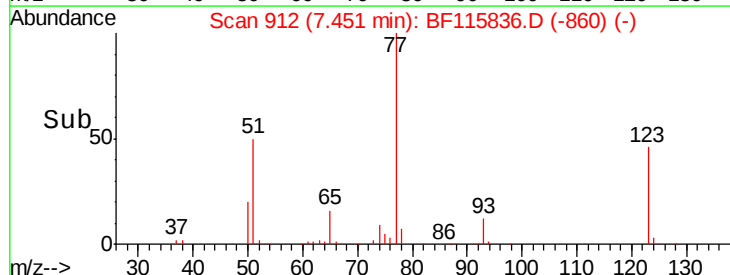
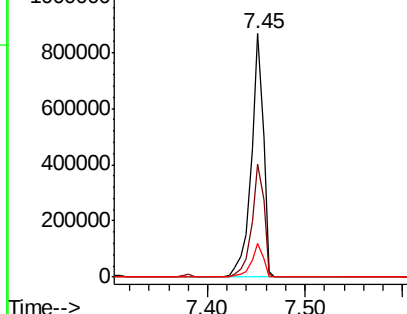


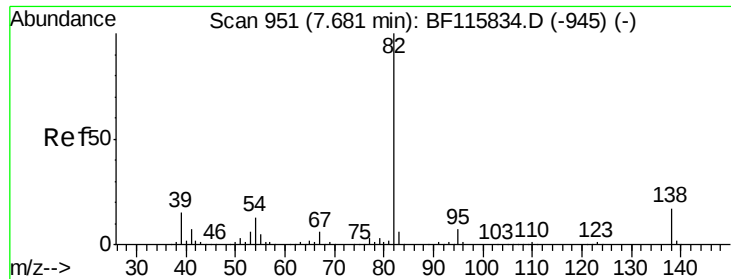
#24
 Nitrobenzene
 Concen: 62.167 ng
 RT: 7.45 min Scan# 912
 Delta R.T. 0.01 min
 Lab File: BF115836.D
 Acq: 29 Jul 2019 12:24

Tgt Ion: 77 Resp: 745946
 Ion Ratio Lower Upper
 77 100
 123 46.6 38.2 57.2
 65 13.8 10.7 16.1



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: 60.561 ng

RT: 7.69 min Scan# 953

Delta R.T. 0.01 min

Lab File: BF115836.D

Acq: 29 Jul 2019 12:24

Instrument :

BNA_F

ClientSampleId :

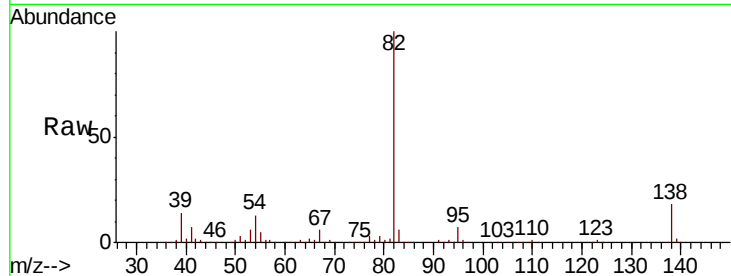
Tot Ion: 82 Resp: 1348142

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.0

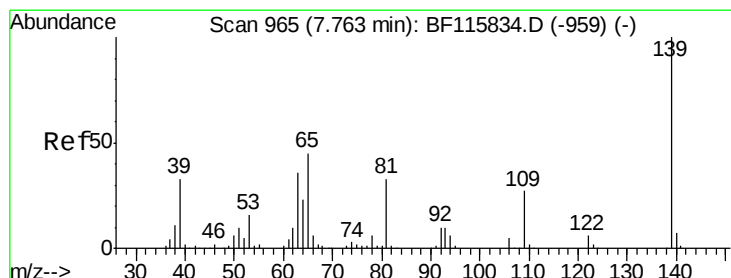
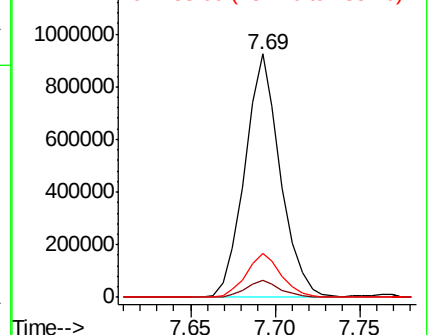
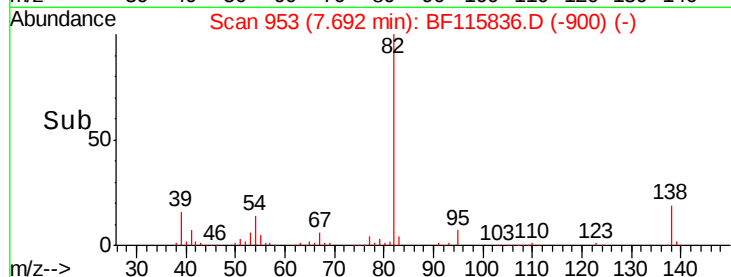
138 17.8 13.8 20.6



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 61.943 ng

RT: 7.76 min Scan# 965

Delta R.T. 0.00 min

Lab File: BF115836.D

Acq: 29 Jul 2019 12:24

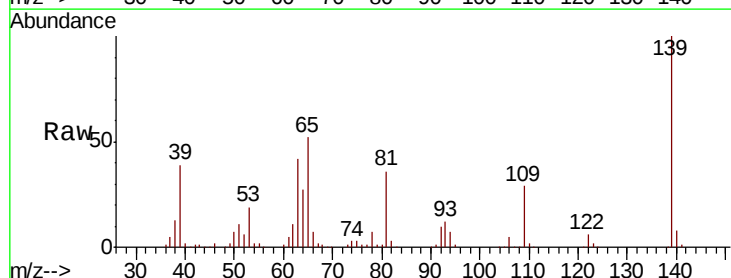
Tgt Ion: 139 Resp: 382571

Ion Ratio Lower Upper

139 100

109 29.3 22.0 33.0

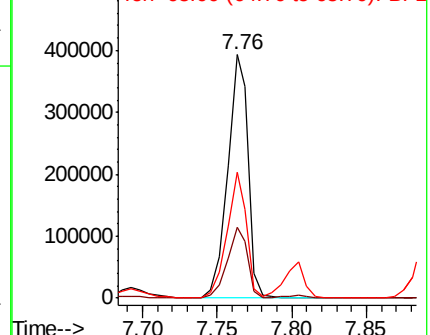
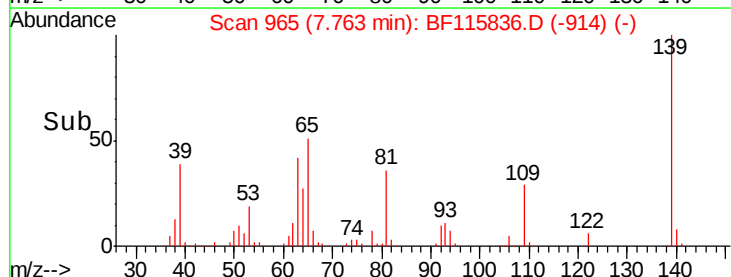
65 51.9 35.7 53.5

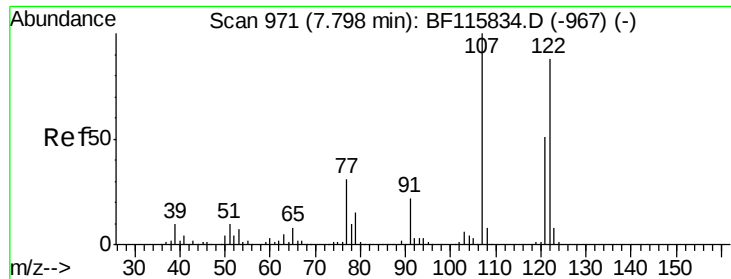


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

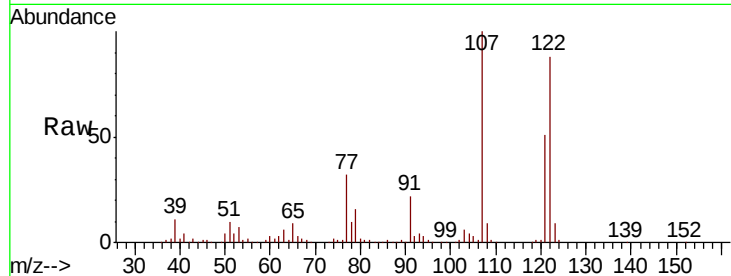




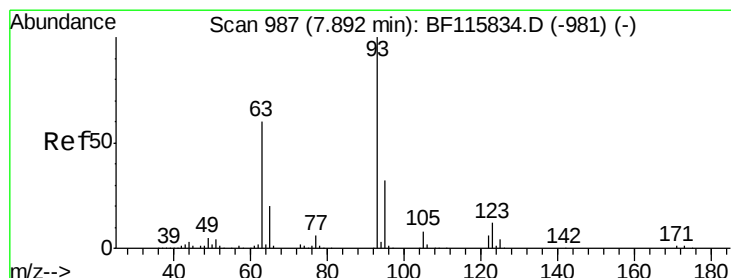
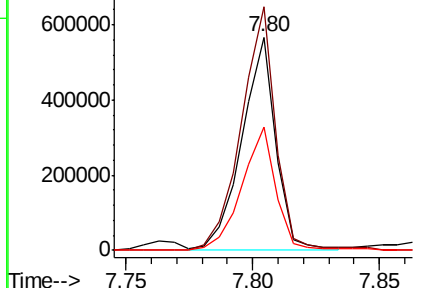
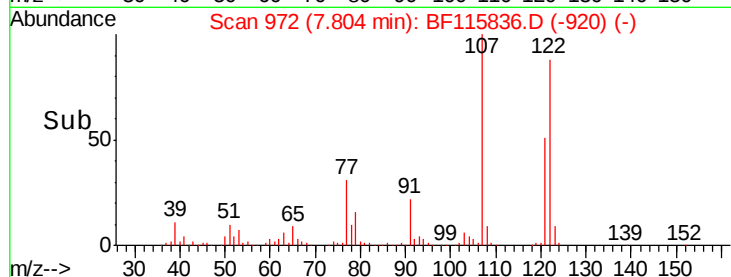
#27
 2,4-Dimethylphenol
 Concen: 57.313 ng
 RT: 7.80 min Scan# 972
 Delta R.T. 0.01 min
 Lab File: BF115836.D
 Acq: 29 Jul 2019 12:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 529632
 Ion Ratio Lower Upper
 122 100
 107 114.3 90.6 135.8
 121 58.1 46.2 69.4

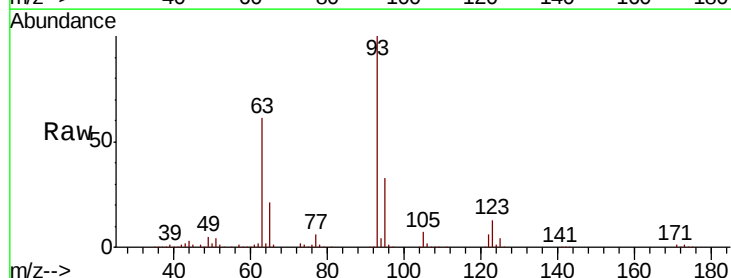


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

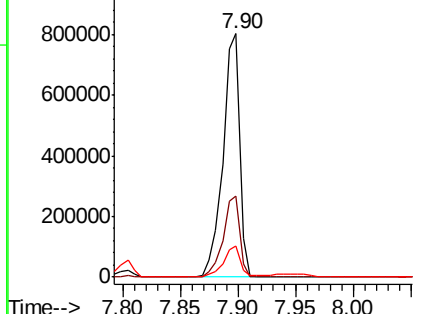
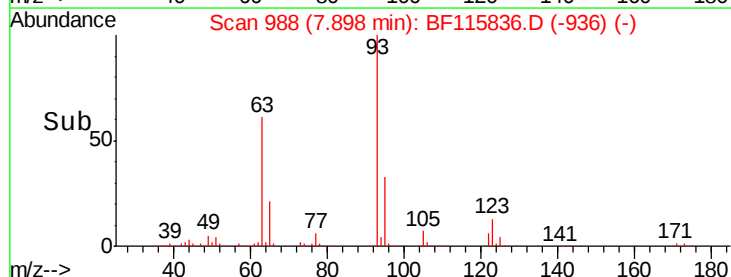


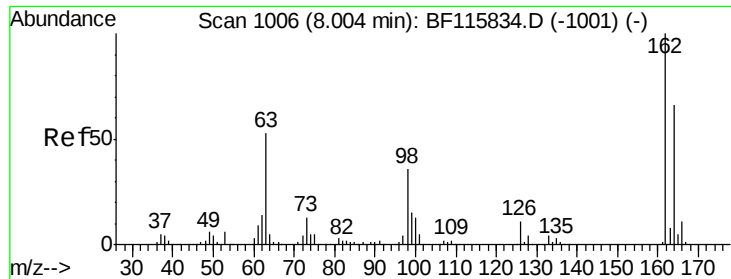
#28
 bis(2-Chloroethoxy)methane
 Concen: 59.325 ng
 RT: 7.90 min Scan# 988
 Delta R.T. 0.01 min
 Lab File: BF115836.D
 Acq: 29 Jul 2019 12:24

Tgt Ion: 93 Resp: 810185
 Ion Ratio Lower Upper
 93 100
 95 33.5 25.9 38.9
 123 12.6 10.0 15.0



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

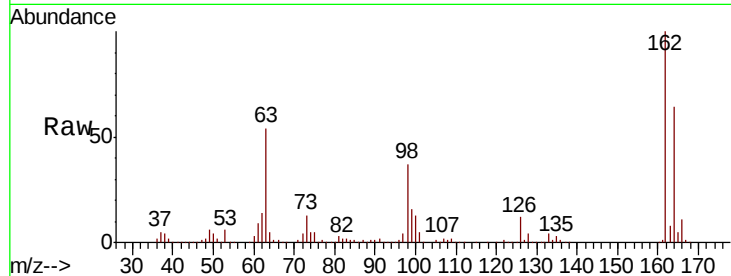




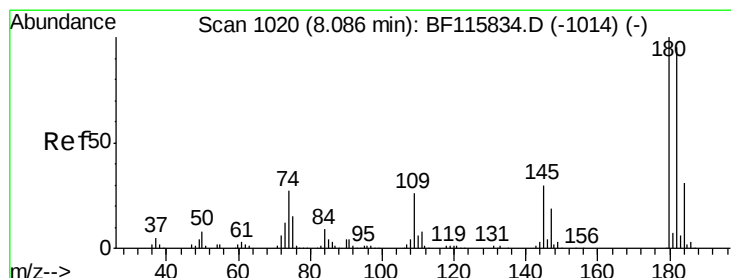
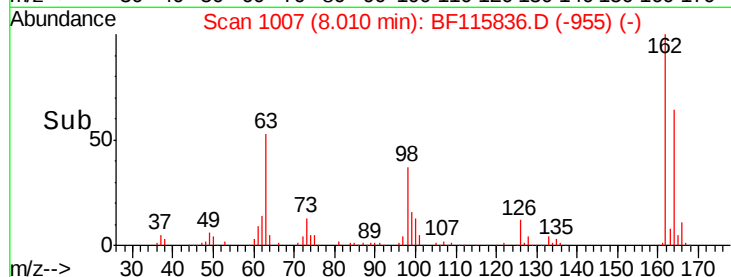
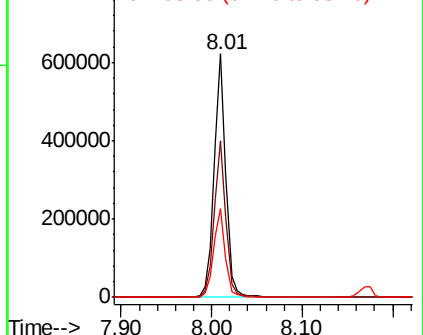
#29
 2,4-Dichlorophenol
 Concen: 58.591 ng
 RT: 8.01 min Scan# 1007
 Delta R.T. 0.01 min
 Lab File: BF115836.D
 Acq: 29 Jul 2019 12:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 563092
 Ion Ratio Lower Upper
 162 100
 164 64.5 46.0 86.0
 98 36.7 16.1 56.1

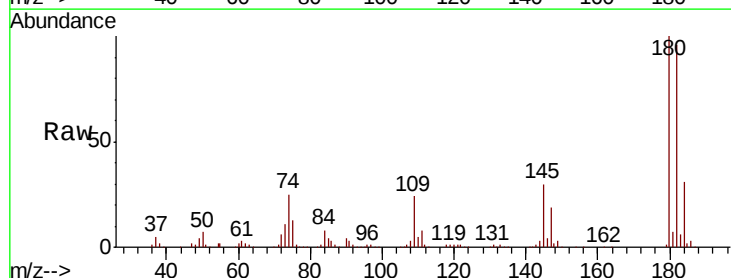


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

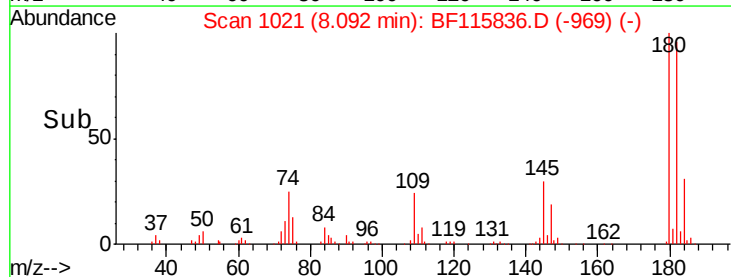
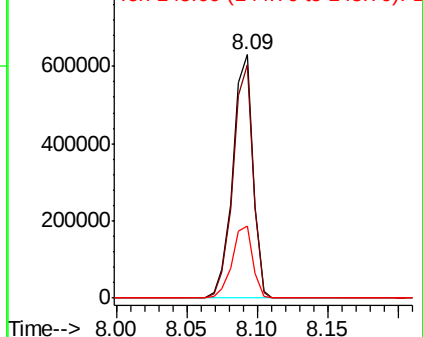


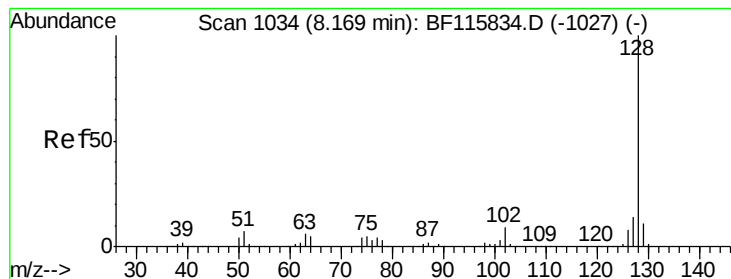
#30
 1,2,4-Trichlorobenzene
 Concen: 57.774 ng
 RT: 8.09 min Scan# 1021
 Delta R.T. 0.01 min
 Lab File: BF115836.D
 Acq: 29 Jul 2019 12:24

Tgt Ion:180 Resp: 627629
 Ion Ratio Lower Upper
 180 100
 182 95.8 76.2 114.4
 145 29.8 24.2 36.2



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: 58.154 ng

RT: 8.17 min Scan# 1035

Delta R.T. 0.01 min

Lab File: BF115836.D

Acq: 29 Jul 2019 12:24

Instrument :

BNA_F

ClientSampleId :

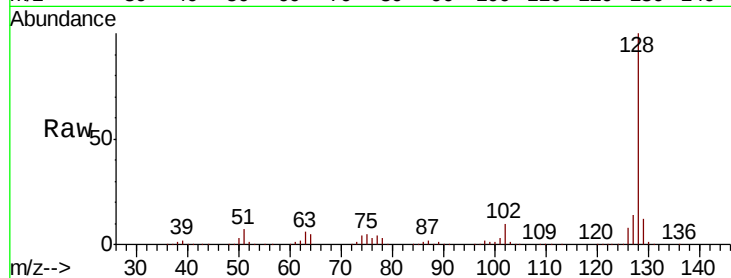
Tot Ion:128 Resp: 1821876

Ion Ratio Lower Upper

128 100

129 11.6 9.2 13.8

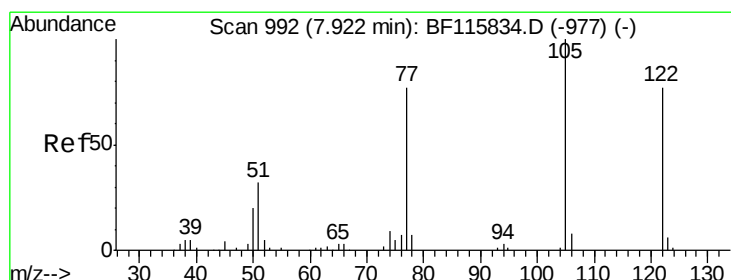
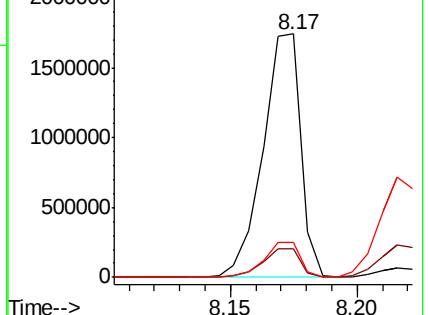
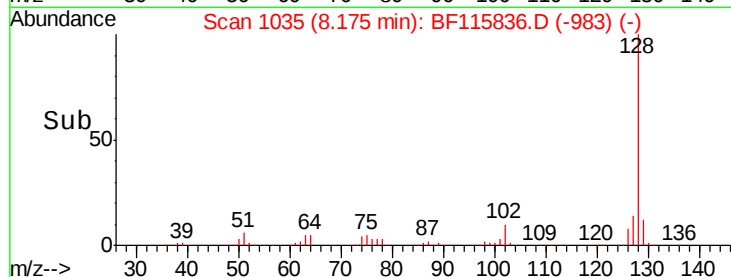
127 14.2 11.0 16.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 61.988 ng

RT: 7.96 min Scan# 998

Delta R.T. 0.04 min

Lab File: BF115836.D

Acq: 29 Jul 2019 12:24

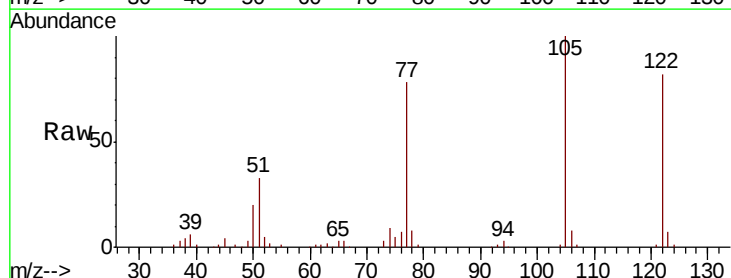
Tgt Ion:122 Resp: 470106

Ion Ratio Lower Upper

122 100

105 122.3 103.8 143.8

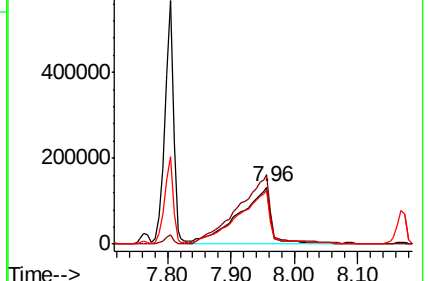
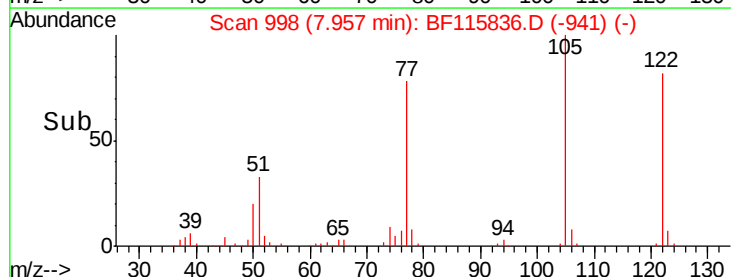
77 95.2 76.8 116.8

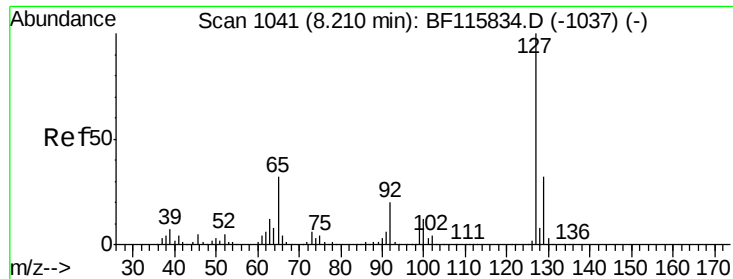


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

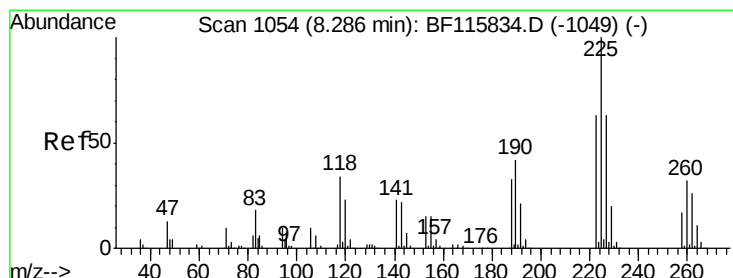
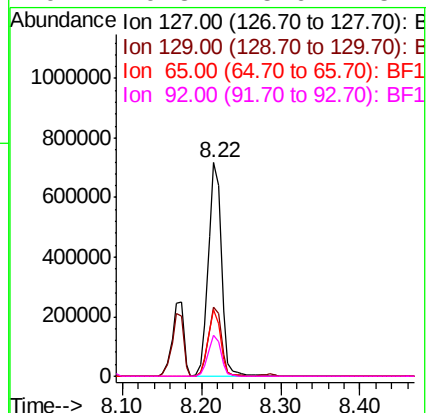
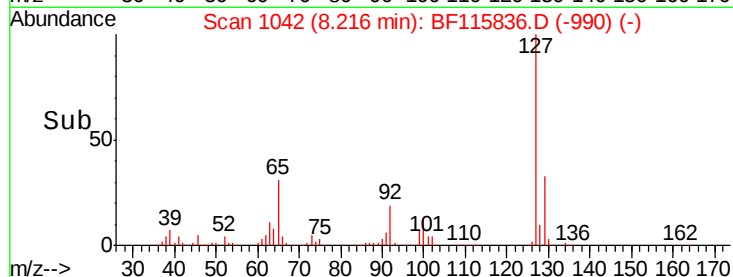
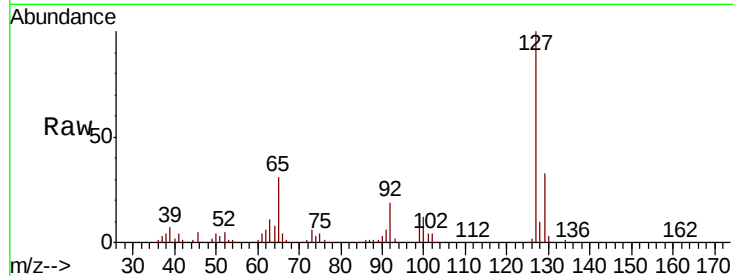




#33
4-Chloroaniline
Concen: 60.281 ng
RT: 8.22 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BF115836.D
Acq: 29 Jul 2019 12:24

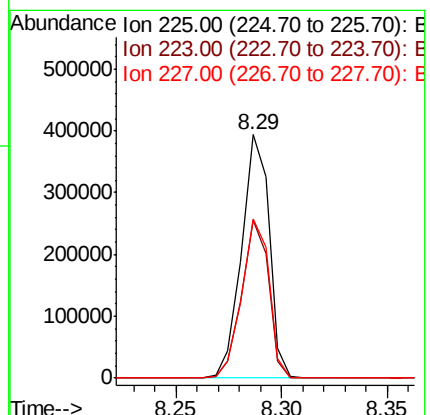
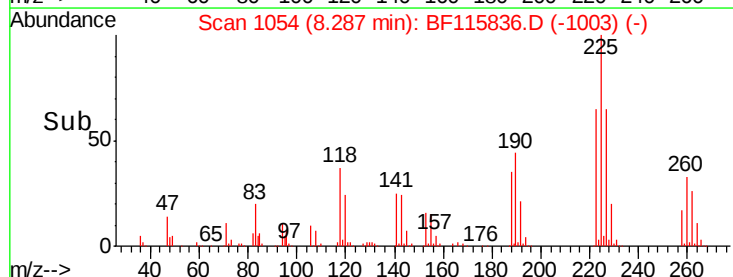
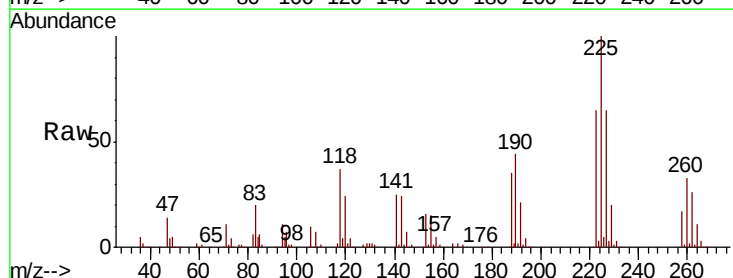
Instrument :
BNA_F
ClientSampled :

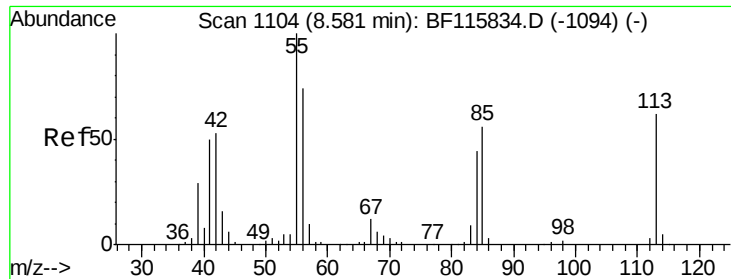
Tot Ion:	127	Resp:	836506
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.8	38.6
65	31.1	25.4	38.0
92	19.3	15.6	23.4



#34
Hexachlorobutadiene
Concen: 56.984 ng
RT: 8.29 min Scan# 1054
Delta R.T. 0.00 min
Lab File: BF115836.D
Acq: 29 Jul 2019 12:24

Tgt Ion:	225	Resp:	354997
Ion	Ratio	Lower	Upper
225	100		
223	64.7	50.2	75.4
227	65.2	50.2	75.4

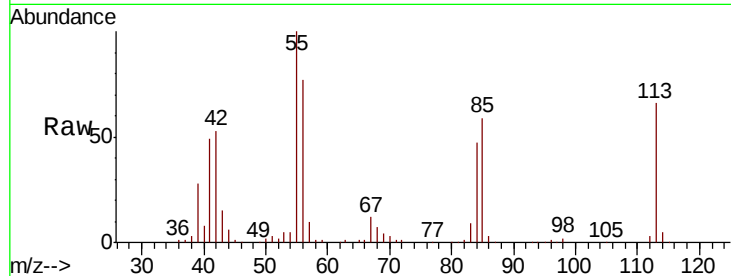




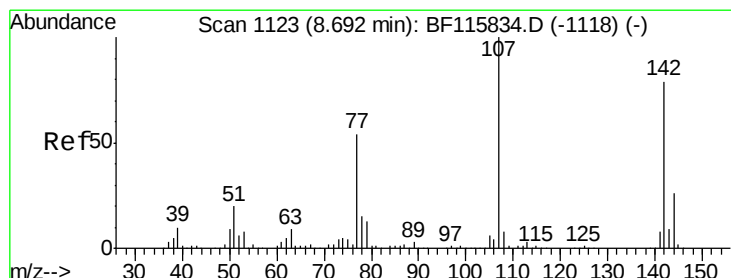
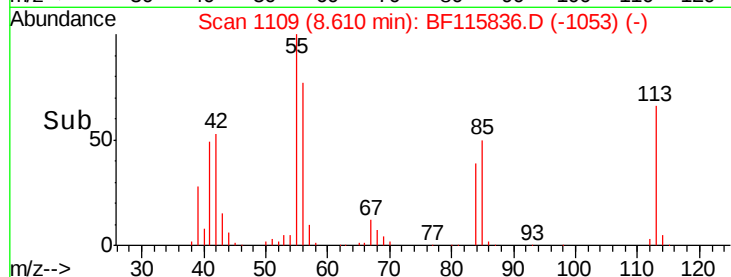
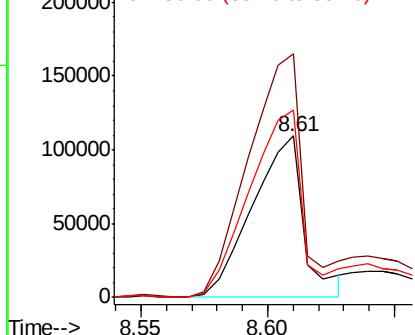
#35
 Caprolactam
 Concen: 52.328 ng
 RT: 8.61 min Scan# 1109
 Delta R.T. 0.03 min
 Lab File: BF115836.D
 Acq: 29 Jul 2019 12:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 155403
 Ion Ratio Lower Upper
 113 100
 55 151.0 141.2 181.2
 56 116.3 100.0 140.0

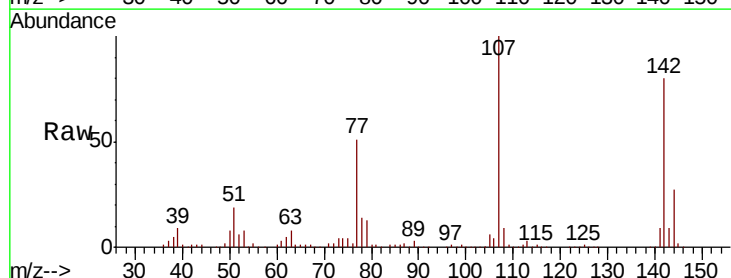


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

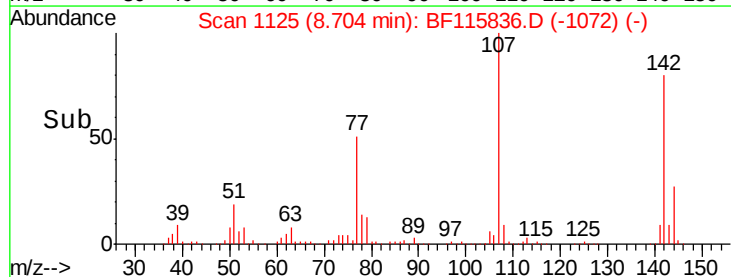
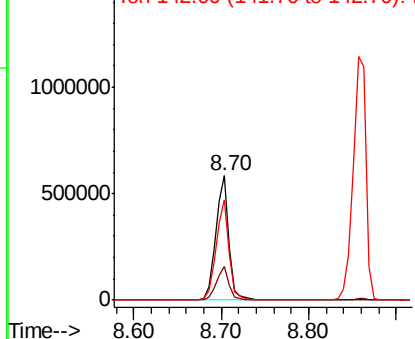


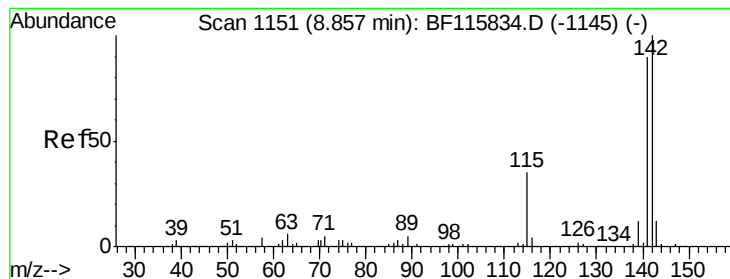
#36
 4-Chloro-3-methylphenol
 Concen: 59.981 ng
 RT: 8.70 min Scan# 1125
 Delta R.T. 0.01 min
 Lab File: BF115836.D
 Acq: 29 Jul 2019 12:24

Tgt Ion:107 Resp: 597961
 Ion Ratio Lower Upper
 107 100
 144 26.6 20.4 30.6
 142 80.1 63.4 95.0



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

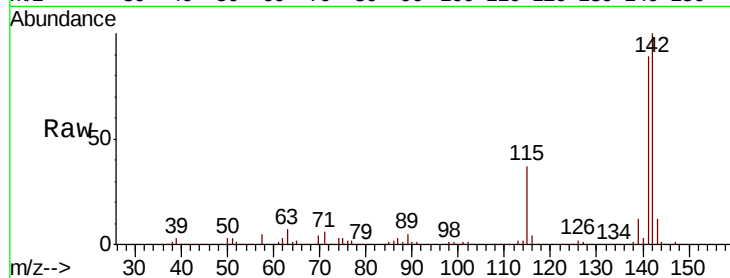




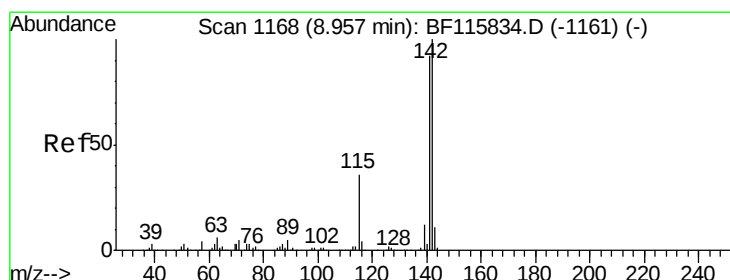
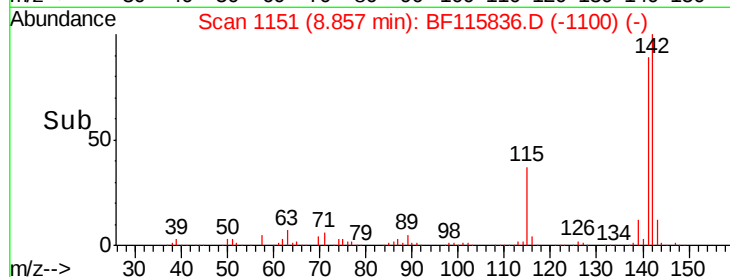
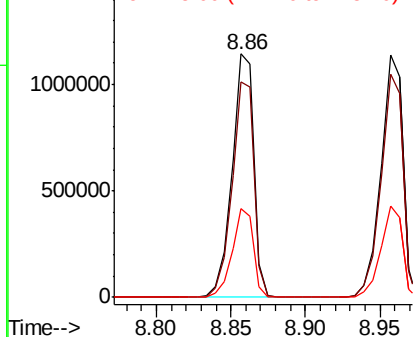
#37
 2-Methylnaphthalene
 Concen: 56.714 ng
 RT: 8.86 min Scan# 1151
 Delta R.T. 0.00 min
 Lab File: BF115836.D
 Acq: 29 Jul 2019 12:24

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:142 Resp: 1177761
 Ion Ratio Lower Upper
 142 100
 141 88.7 71.9 107.9
 115 36.6 27.9 41.9

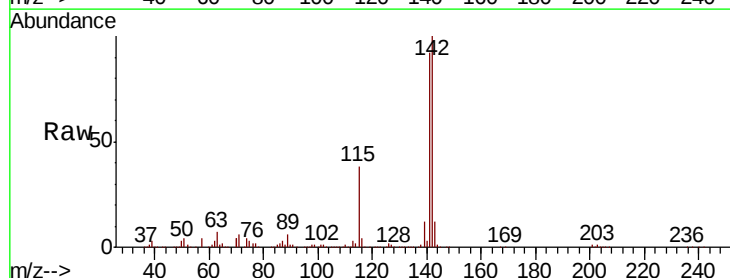


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

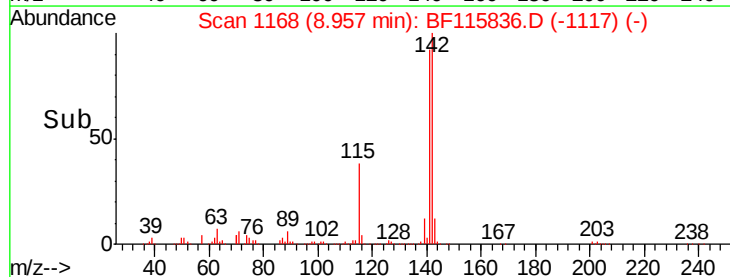
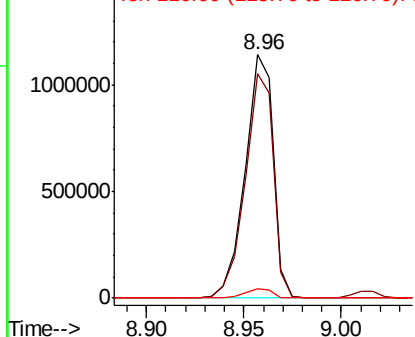


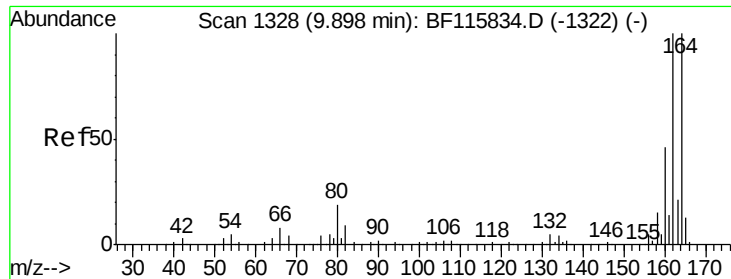
#38
 1-Methylnaphthalene
 Concen: 57.697 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. 0.00 min
 Lab File: BF115836.D
 Acq: 29 Jul 2019 12:24

Tgt Ion:142 Resp: 1138056
 Ion Ratio Lower Upper
 142 100
 141 92.1 73.8 110.8
 116 4.0 3.0 4.4



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

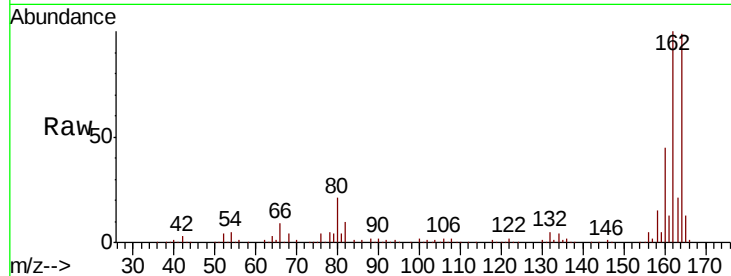




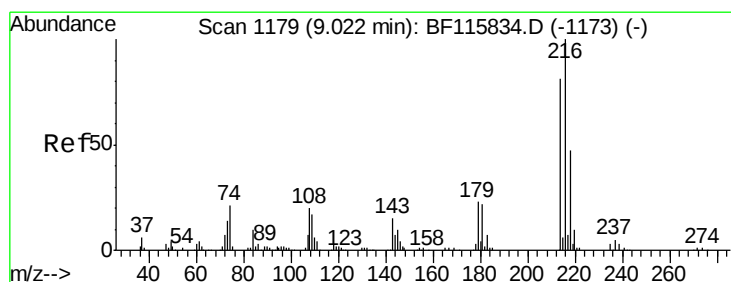
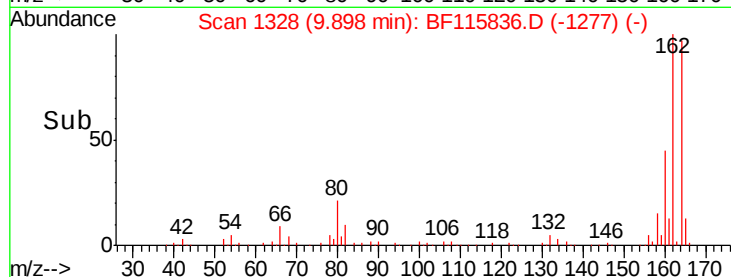
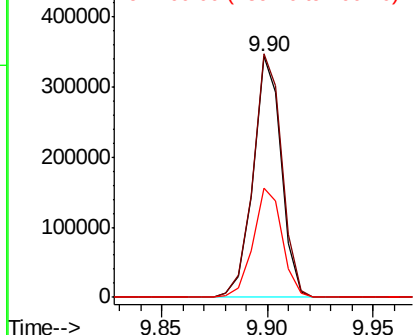
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF115836.D
Acq: 29 Jul 2019 12:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 318465
Ion Ratio Lower Upper
164 100
162 101.2 80.3 120.5
160 45.4 36.9 55.3

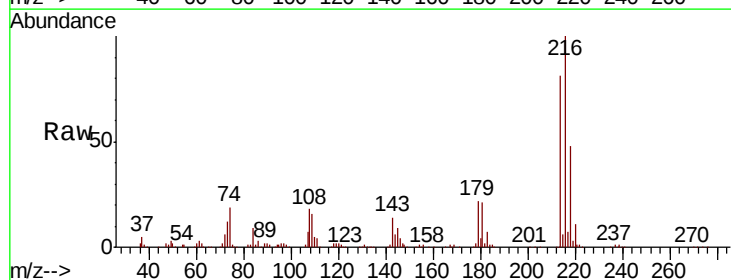


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

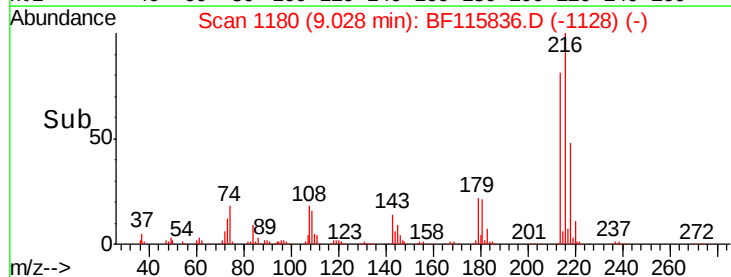
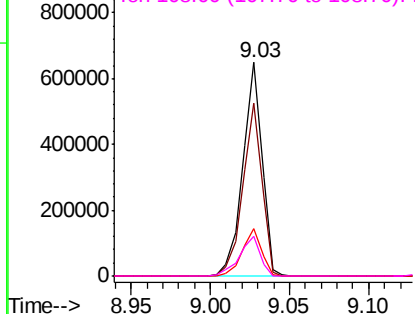


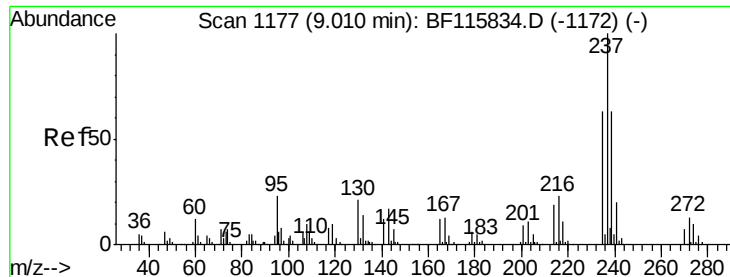
#40
1,2,4,5-Tetrachlorobenzene
Concen: 56.665 ng
RT: 9.03 min Scan# 1180
Delta R.T. 0.01 min
Lab File: BF115836.D
Acq: 29 Jul 2019 12:24

Tgt Ion:216 Resp: 543428
Ion Ratio Lower Upper
216 100
214 80.4 64.0 96.0
179 22.3 17.8 26.8
108 20.2 16.2 24.4



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: 46.135 ng

RT: 9.02 min Scan# 1178

Delta R.T. 0.01 min

Lab File: BF115836.D

Acq: 29 Jul 2019 12:24

Instrument :

BNA_F

ClientSampleId :

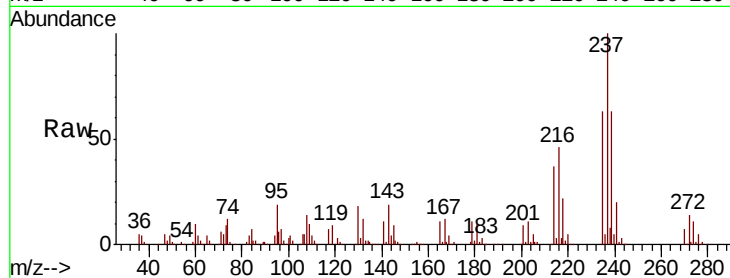
Tot Ion:237 Resp: 252383

Ion Ratio Lower Upper

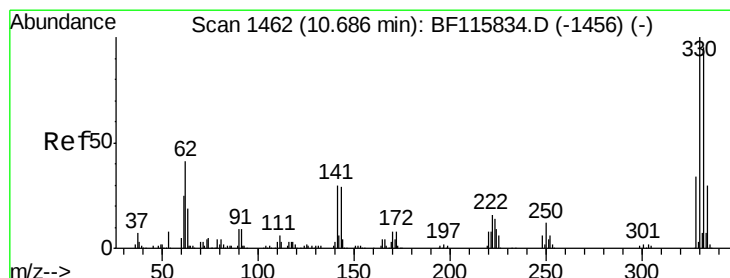
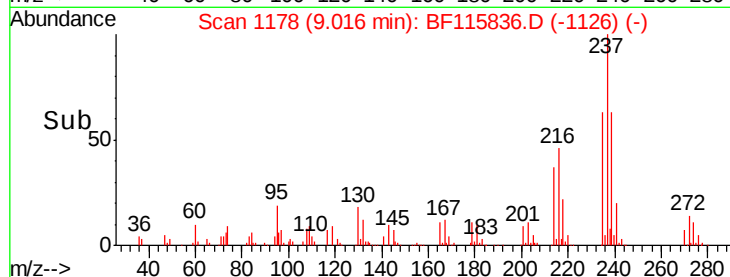
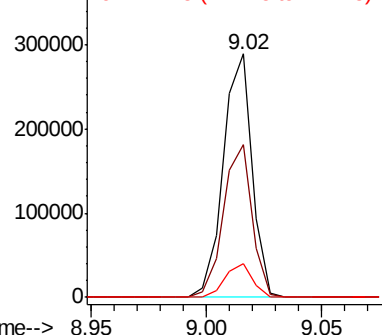
237 100

235 62.7 42.7 82.7

272 13.6 0.0 32.8



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: 108.577 ng

RT: 10.69 min Scan# 1463

Delta R.T. 0.01 min

Lab File: BF115836.D

Acq: 29 Jul 2019 12:24

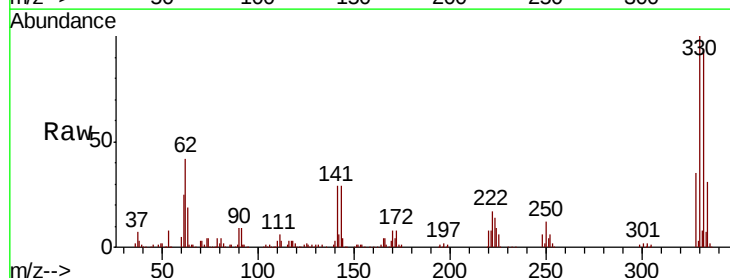
Tgt Ion:330 Resp: 403610

Ion Ratio Lower Upper

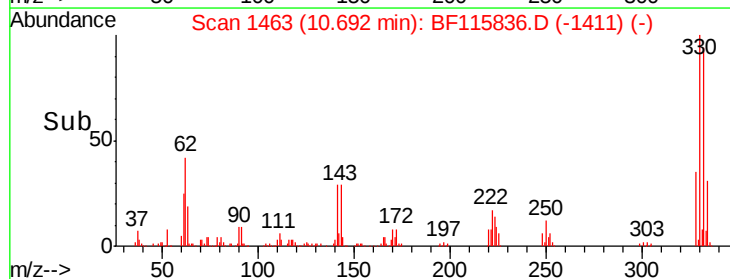
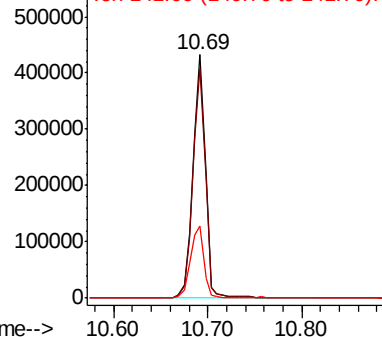
330 100

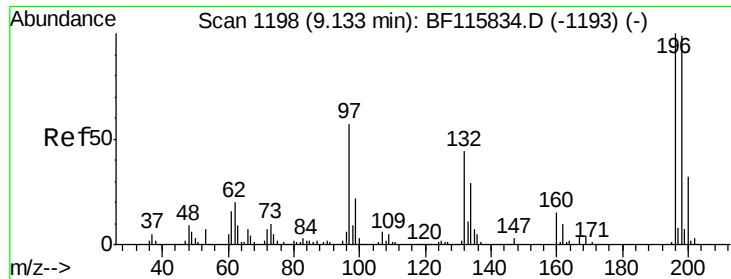
332 95.7 76.7 115.1

141 32.2 27.2 40.8



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

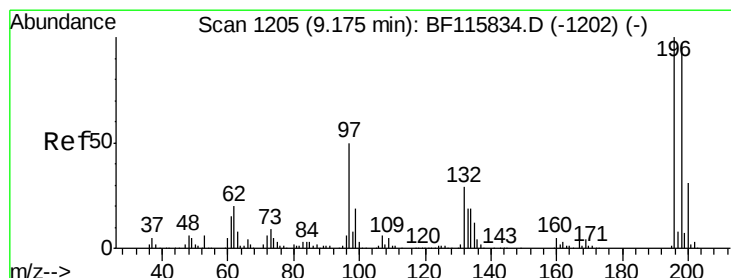
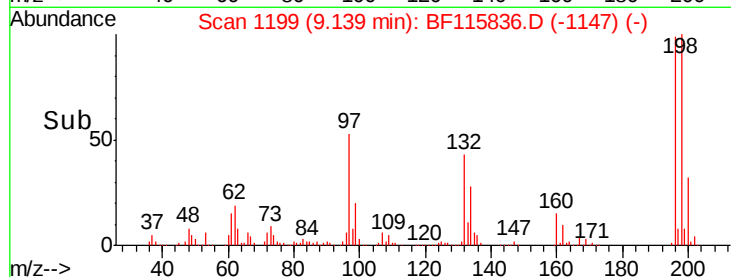
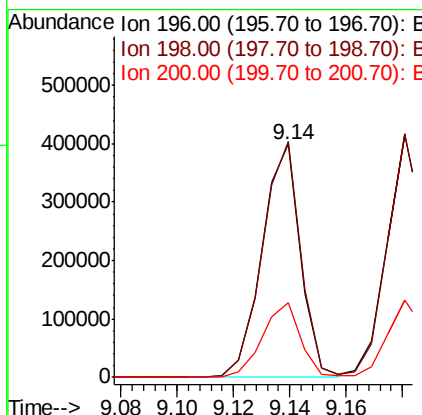
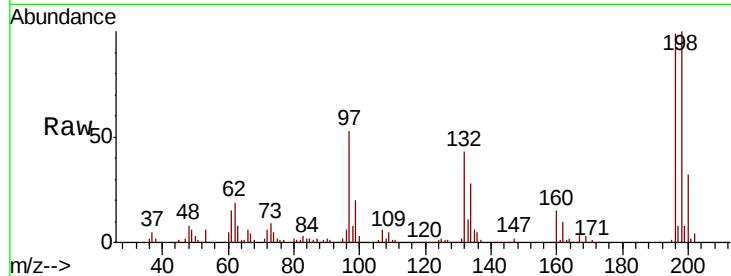




#43
 2,4,6-Trichlorophenol
 Concen: 53.787 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF115836.D
 Acq: 29 Jul 2019 12:24

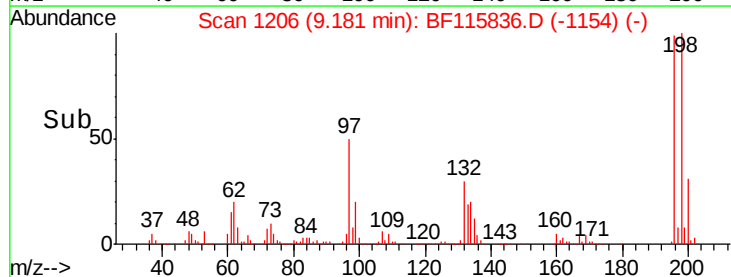
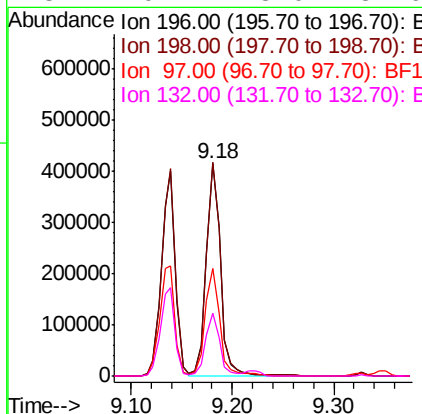
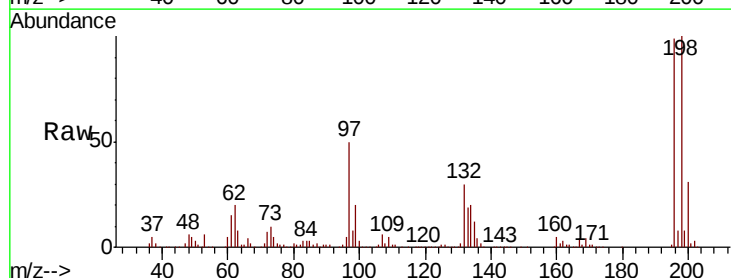
Instrument :
 BNA_F
 ClientSampled :

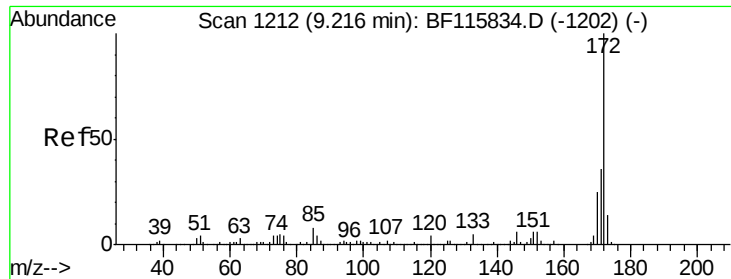
Tot Ion	196	Resp	377217
Ion Ratio	Lower	Upper	
196	100		
198	101.2	79.3	118.9
200	32.3	25.3	37.9



#44
 2,4,5-Trichlorophenol
 Concen: 56.152 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.01 min
 Lab File: BF115836.D
 Acq: 29 Jul 2019 12:24

Tgt Ion	196	Resp	403295
Ion Ratio	Lower	Upper	
196	100		
198	100.6	77.9	116.9
97	50.7	40.2	60.4
132	29.7	23.0	34.6

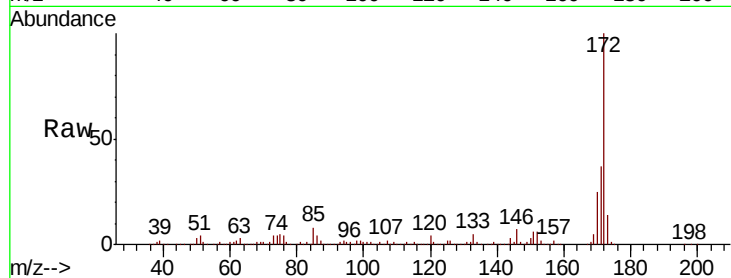




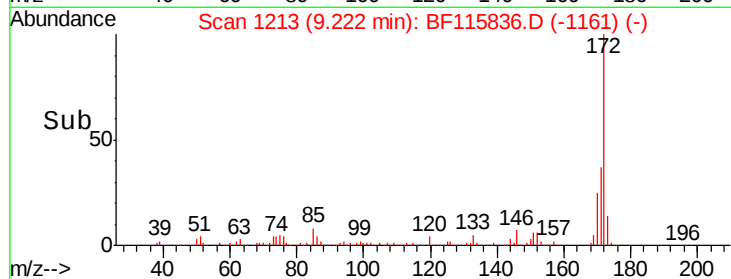
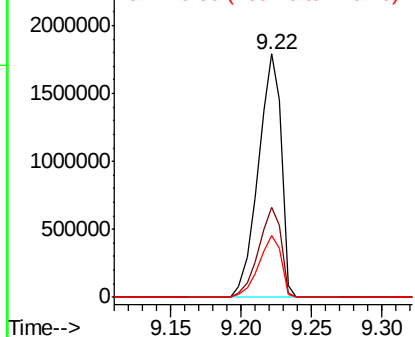
#45
2-Fluorobiphenyl
Concen: 113.116 ng
RT: 9.22 min Scan# 1213
Delta R.T. 0.01 min
Lab File: BF115836.D
Acq: 29 Jul 2019 12:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 2058154
Ion Ratio Lower Upper
172 100
171 37.1 29.1 43.7
170 25.3 20.1 30.1

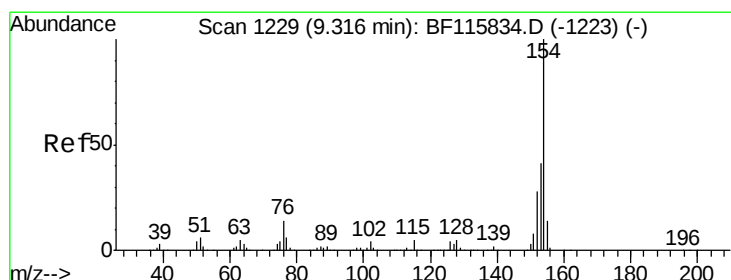


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

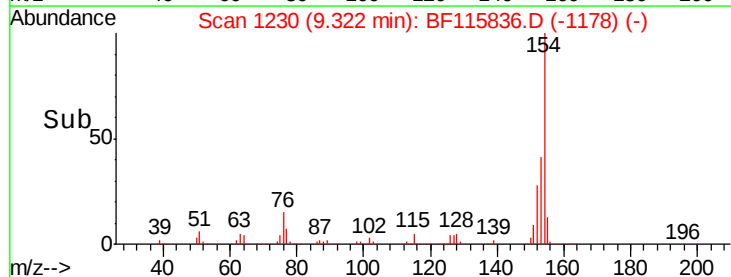
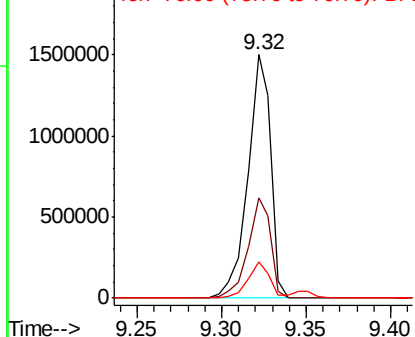


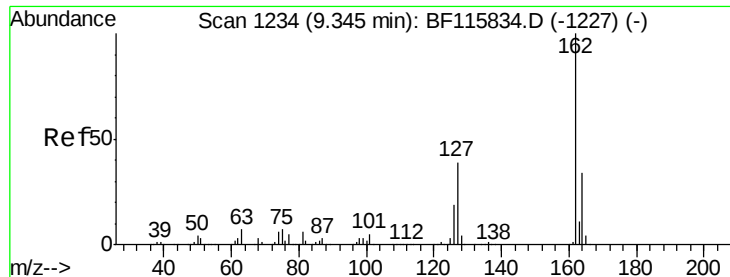
#46
1,1'-Biphenyl
Concen: 56.908 ng
RT: 9.32 min Scan# 1230
Delta R.T. 0.01 min
Lab File: BF115836.D
Acq: 29 Jul 2019 12:24

Tgt Ion:154 Resp: 1416859
Ion Ratio Lower Upper
154 100
153 40.9 20.9 60.9
76 14.7 0.0 33.9



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

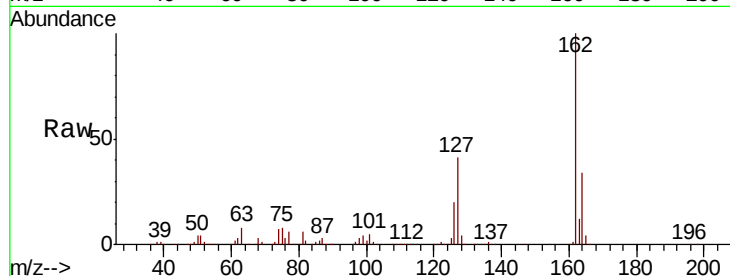




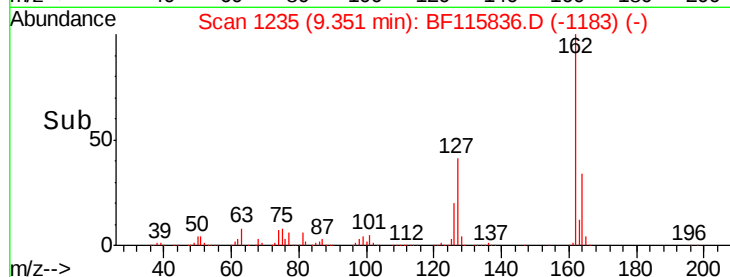
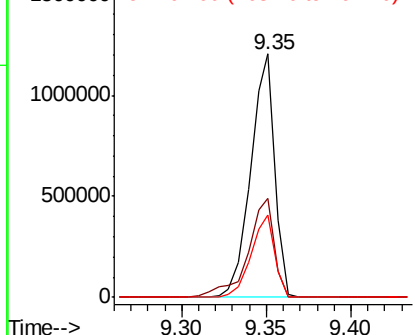
#47
 2-Chloronaphthalene
 Concen: 57.699 ng
 RT: 9.35 min Scan# 1235
 Delta R.T. 0.01 min
 Lab File: BF115836.D
 Acq: 29 Jul 2019 12:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 162 Resp: 1196155
 Ion Ratio Lower Upper
 162 100
 127 40.6 31.7 47.5
 164 33.7 27.0 40.4

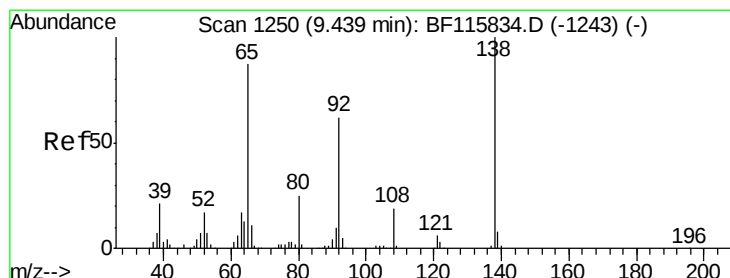


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

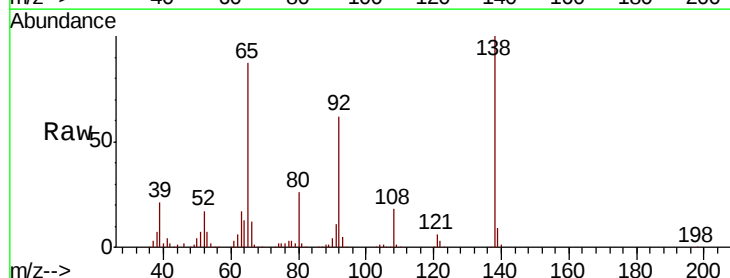
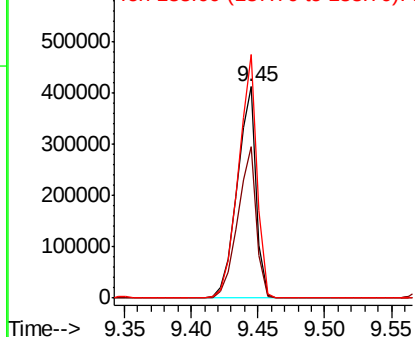


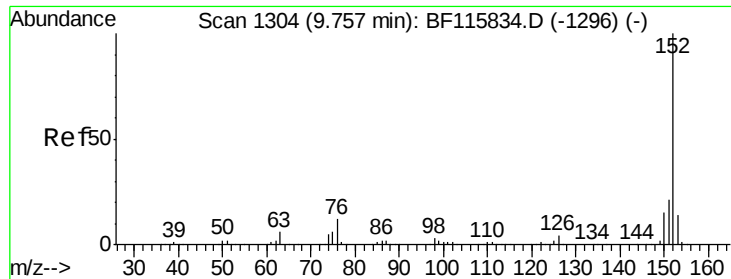
#48
 2-Nitroaniline
 Concen: 63.553 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. 0.01 min
 Lab File: BF115836.D
 Acq: 29 Jul 2019 12:24

Tgt Ion: 65 Resp: 407785
 Ion Ratio Lower Upper
 65 100
 92 71.8 57.0 85.6
 138 115.3 92.3 138.5



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





#49

Acenaphthylene

Concen: 57.283 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.01 min

Lab File: BF115836.D

Acq: 29 Jul 2019 12:24

Instrument :

BNA_F

ClientSampleId :

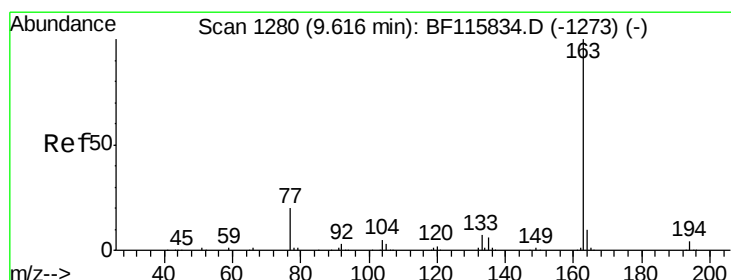
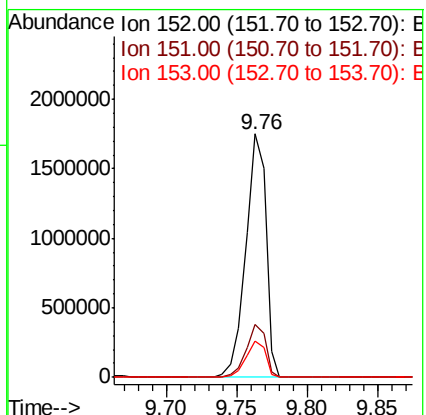
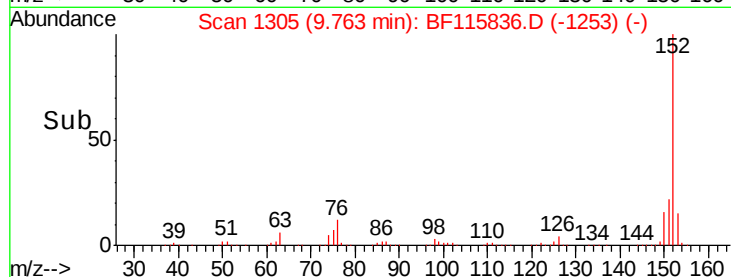
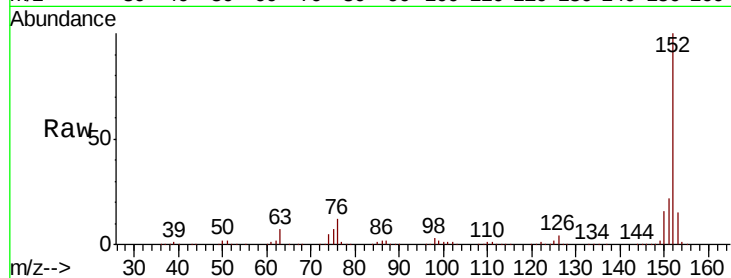
Tot Ion:152 Resp: 1759630

Ion Ratio Lower Upper

152 100

151 21.8 16.6 24.8

153 14.8 11.5 17.3



#50

Dimethylphthalate

Concen: 59.848 ng

RT: 9.63 min Scan# 1282

Delta R.T. 0.01 min

Lab File: BF115836.D

Acq: 29 Jul 2019 12:24

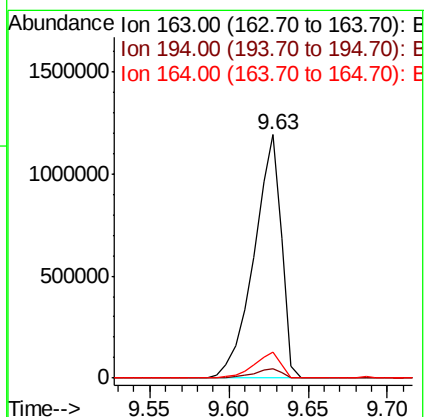
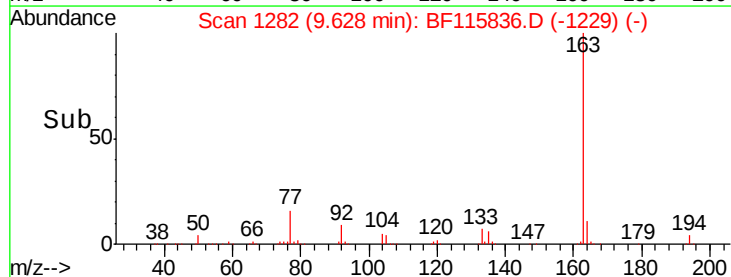
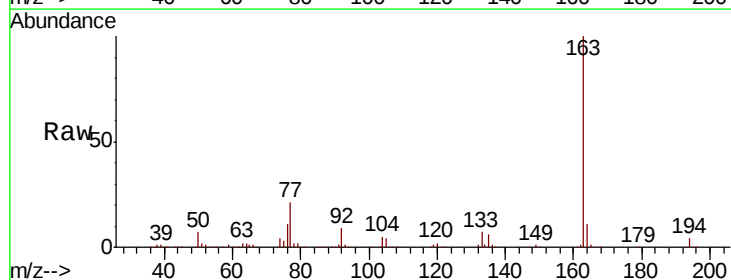
Tgt Ion:163 Resp: 1433990

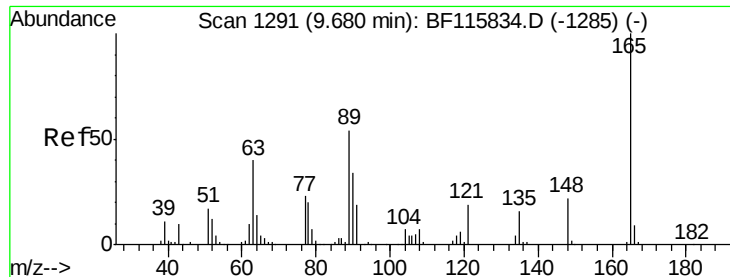
Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

164 10.5 8.4 12.6





#51

2,6-Dinitrotoluene

Concen: 58.591 ng

RT: 9.69 min Scan# 1292

Delta R.T. 0.01 min

Lab File: BF115836.D

Acq: 29 Jul 2019 12:24

Instrument :

BNA_F

ClientSampleId :

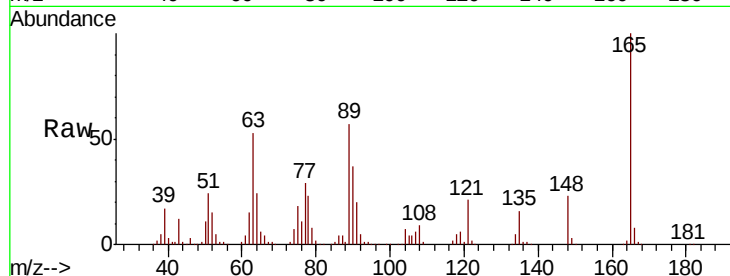
Tot Ion:165 Resp: 319034

Ion Ratio Lower Upper

165 100

63 52.9 37.8 56.8

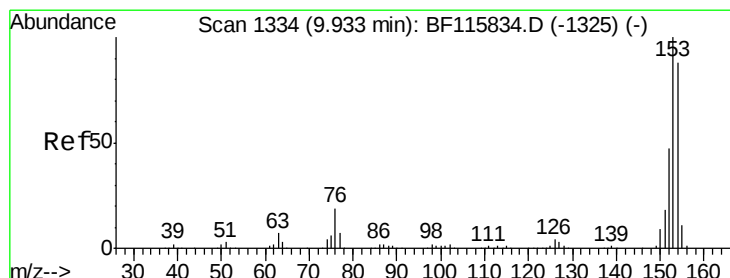
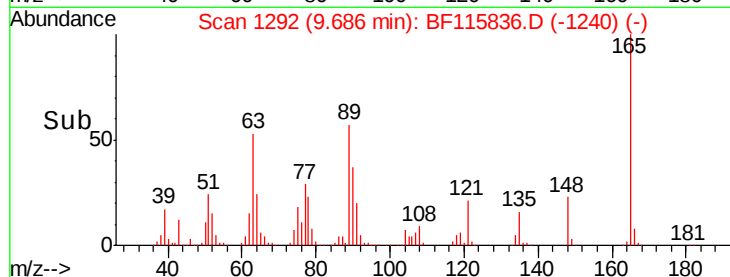
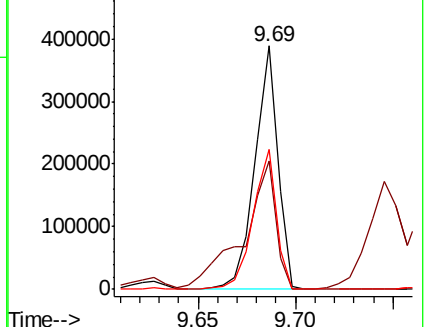
89 57.4 43.0 64.6



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: 53.747 ng

RT: 9.94 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF115836.D

Acq: 29 Jul 2019 12:24

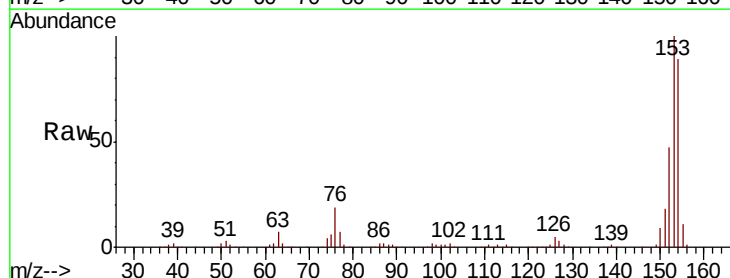
Tgt Ion:154 Resp: 1065904

Ion Ratio Lower Upper

154 100

153 112.4 91.0 136.6

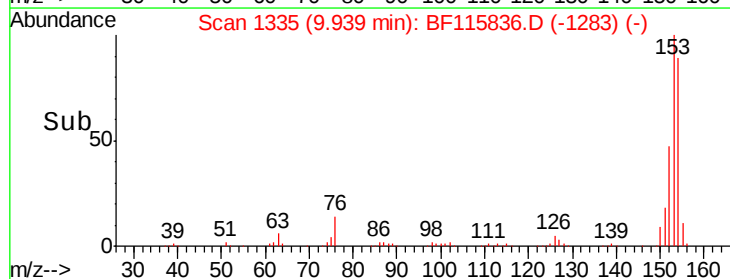
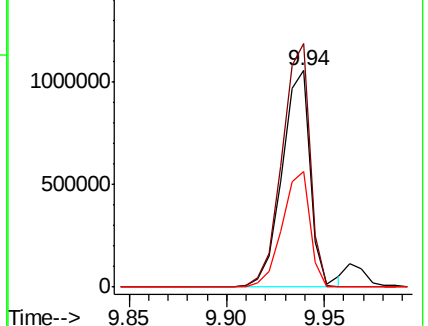
152 53.2 42.6 64.0

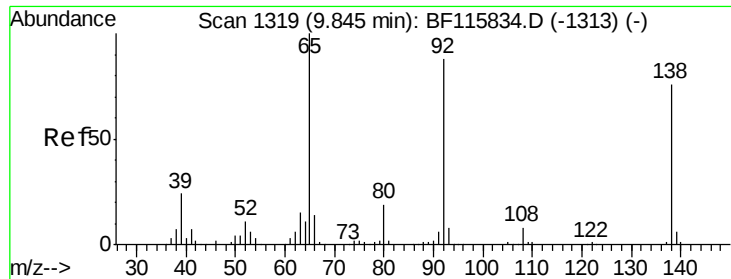


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

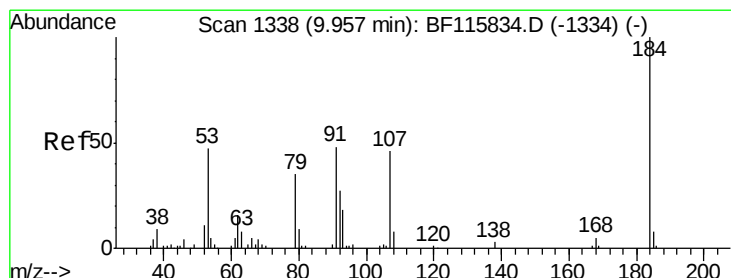
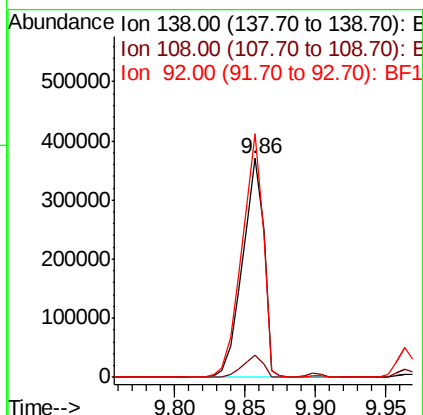
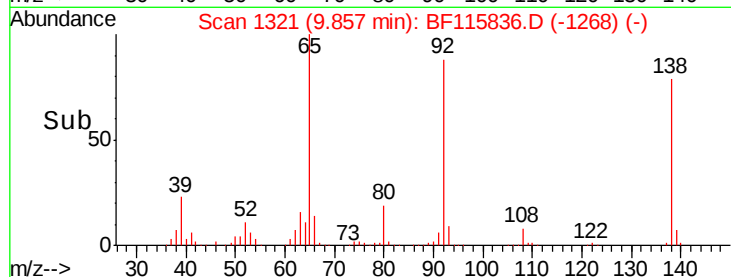
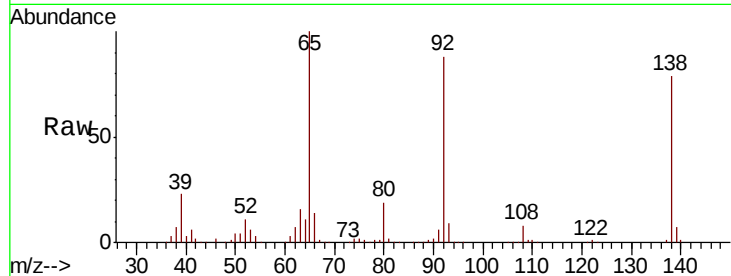




#53
3-Nitroaniline
Concen: 63.224 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.01 min
Lab File: BF115836.D
Acq: 29 Jul 2019 12:24

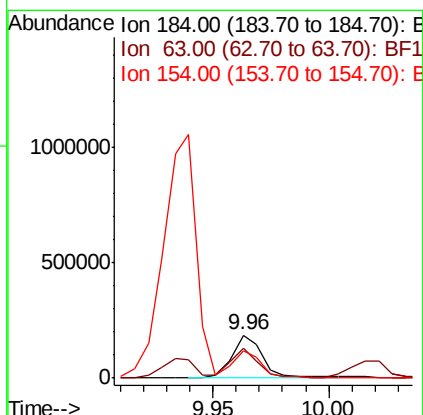
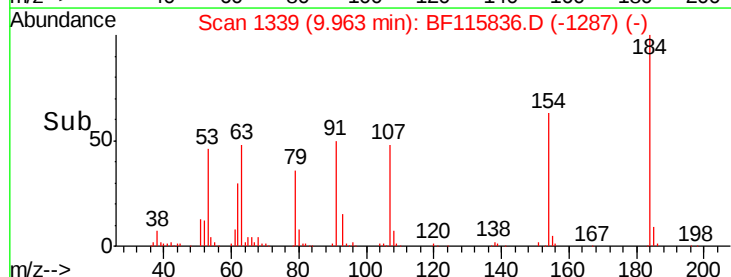
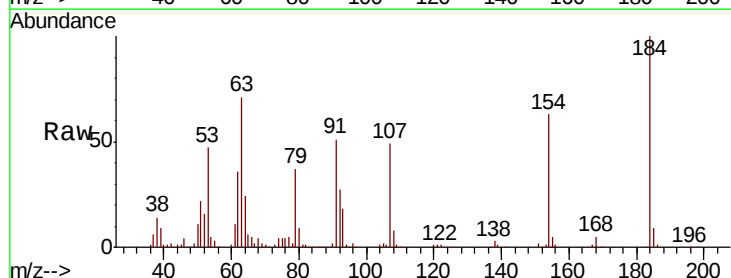
Instrument :
BNA_F
ClientSampleId :

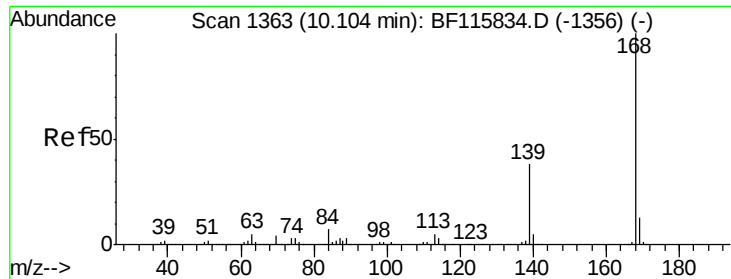
Tot Ion:138 Resp: 393410
Ion Ratio Lower Upper
138 100
108 10.1 8.0 12.0
92 111.3 92.3 138.5



#54
2,4-Dinitrophenol
Concen: 61.440 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF115836.D
Acq: 29 Jul 2019 12:24

Tgt Ion:184 Resp: 171763
Ion Ratio Lower Upper
184 100
63 70.5 55.4 83.2
154 63.4 51.4 77.2

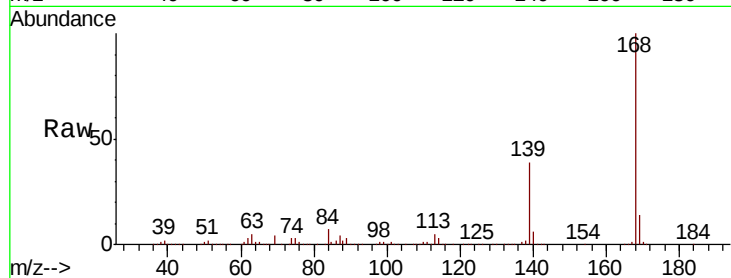




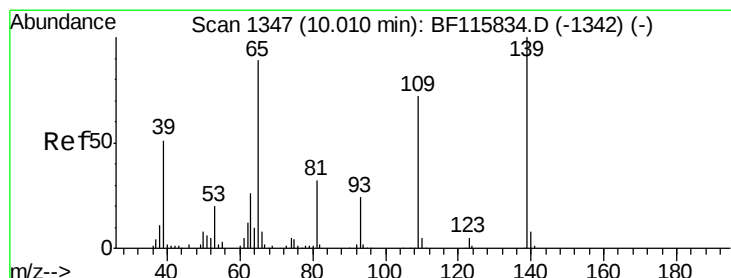
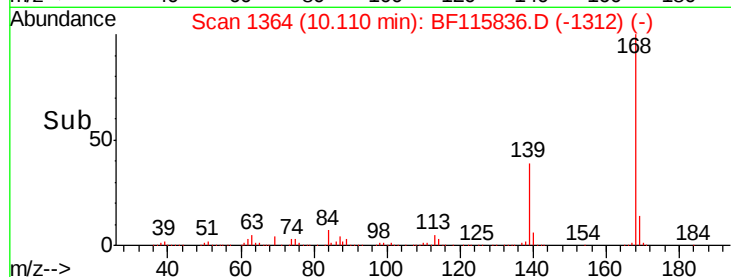
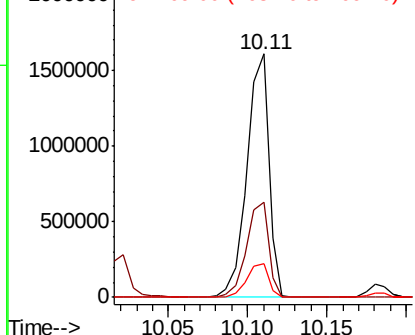
#55
Dibenzofuran
Concen: 54.672 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.01 min
Lab File: BF115836.D
Acq: 29 Jul 2019 12:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1539774
Ion Ratio Lower Upper
168 100
139 39.1 31.0 46.4
169 13.7 10.8 16.2

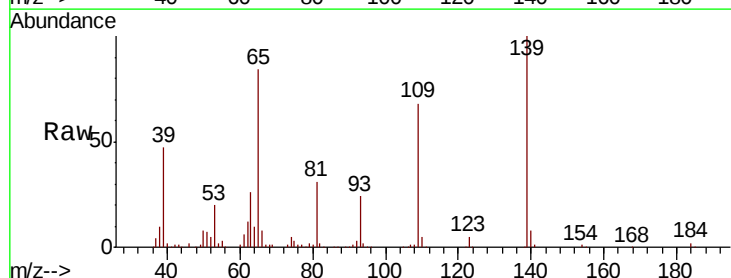


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

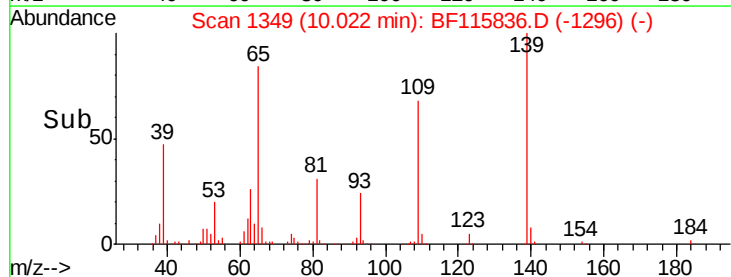
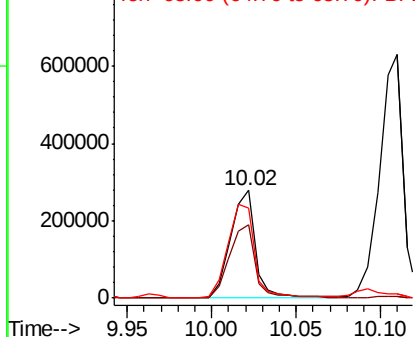


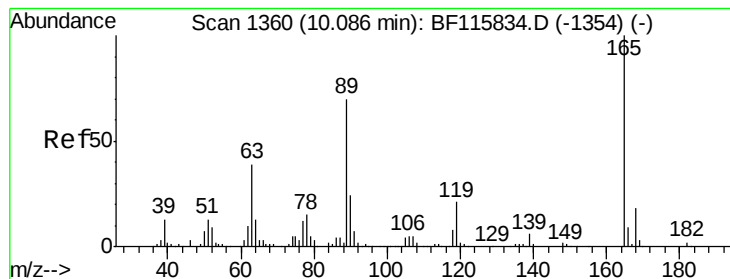
#56
4-Nitrophenol
Concen: 60.412 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BF115836.D
Acq: 29 Jul 2019 12:24

Tgt Ion:139 Resp: 286652
Ion Ratio Lower Upper
139 100
109 67.7 51.5 91.5
65 83.5 69.7 109.7



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: 60.452 ng

RT: 10.09 min Scan# 1361

Delta R.T. 0.01 min

Lab File: BF115836.D

Acq: 29 Jul 2019 12:24

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 426454

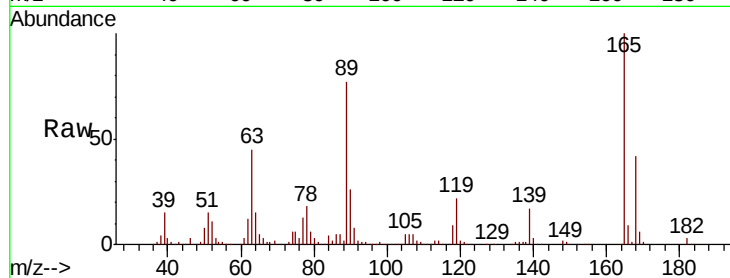
Ion Ratio Lower Upper

165 100

63 44.7 31.8 47.6

89 76.9 56.2 84.4

182 2.7 2.0 3.0

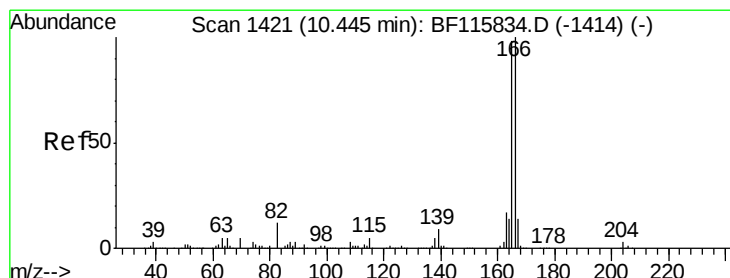
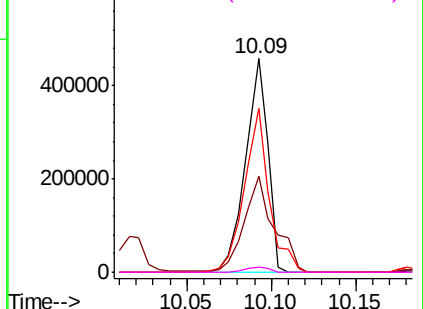
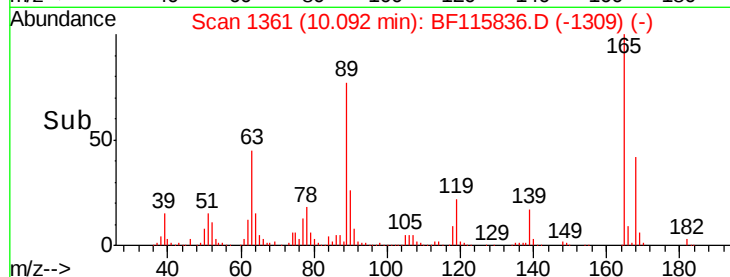


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 57.839 ng

RT: 10.45 min Scan# 1422

Delta R.T. 0.01 min

Lab File: BF115836.D

Acq: 29 Jul 2019 12:24

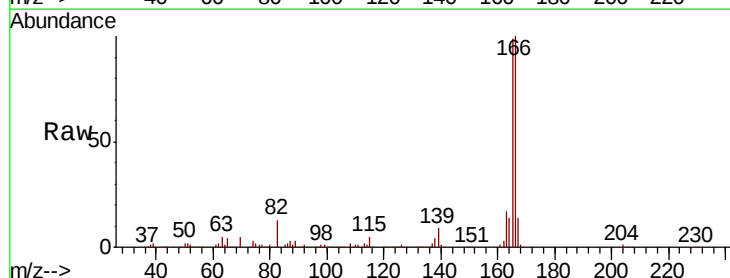
Tgt Ion:166 Resp: 1164523

Ion Ratio Lower Upper

166 100

165 99.0 78.6 118.0

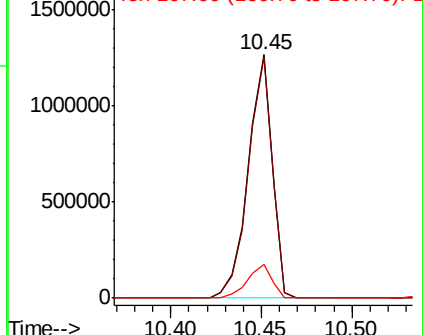
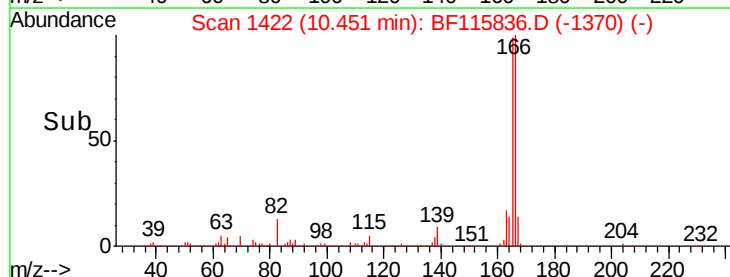
167 13.6 11.0 16.4

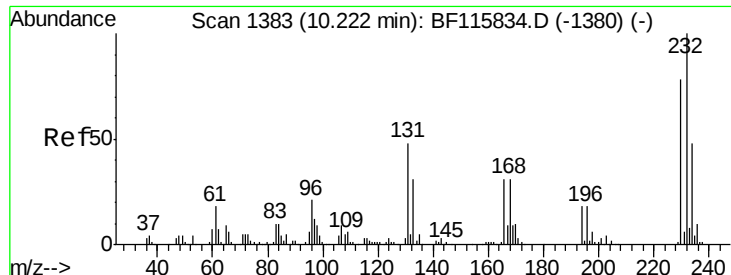


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

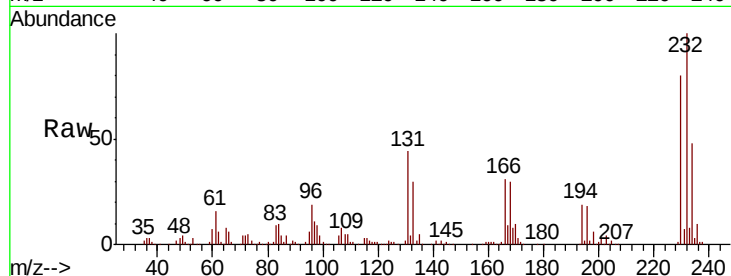




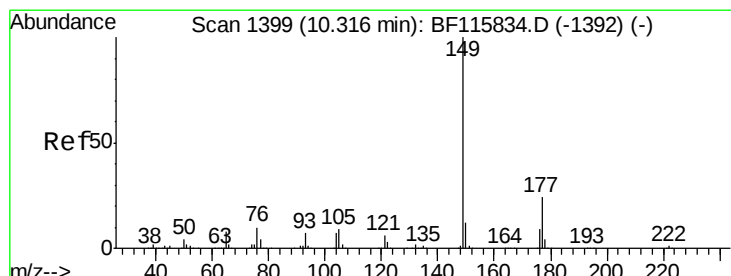
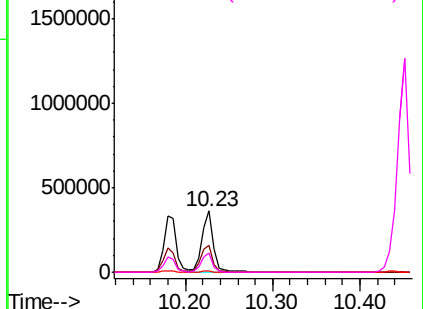
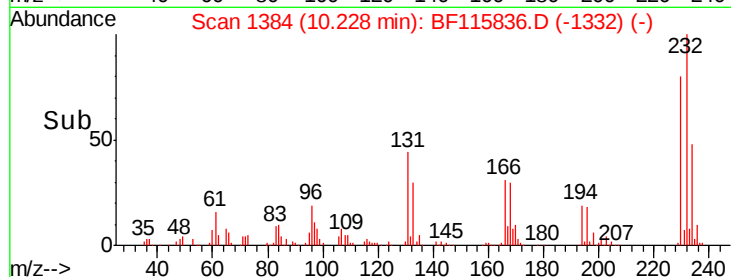
#59
2,3,4,6-Tetrachlorophenol
Concen: 55.582 ng
RT: 10.23 min Scan# 1384
Delta R.T. 0.01 min
Lab File: BF115836.D
Acq: 29 Jul 2019 12:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:232 Resp: 333713
Ion Ratio Lower Upper
232 100
131 45.1 36.9 55.3
130 2.4 1.8 2.8
166 29.8 23.8 35.6

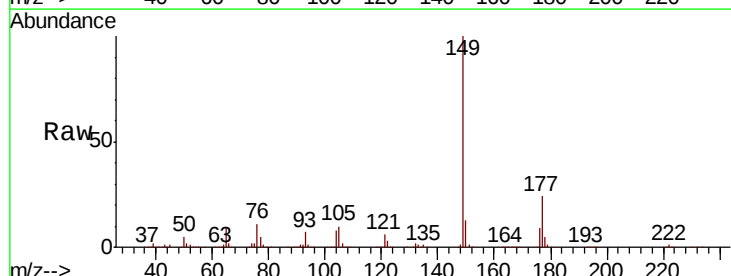


Abundance Ion 232.00 (231.70 to 232.70): E
2000000
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

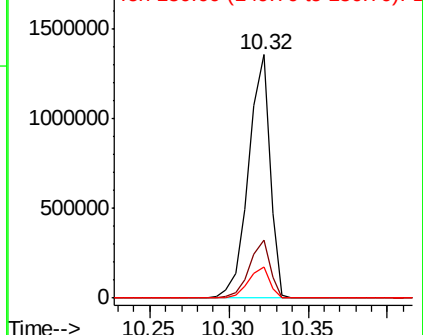
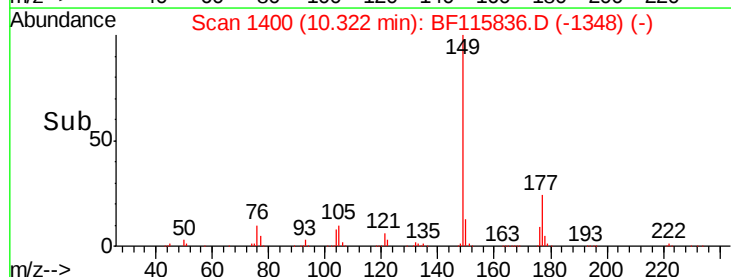


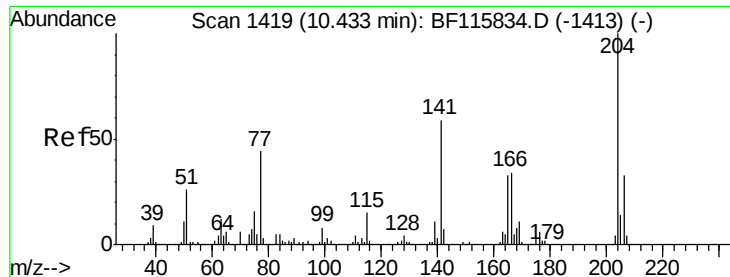
#60
Diethylphthalate
Concen: 56.783 ng
RT: 10.32 min Scan# 1400
Delta R.T. 0.01 min
Lab File: BF115836.D
Acq: 29 Jul 2019 12:24

Tgt Ion:149 Resp: 1274777
Ion Ratio Lower Upper
149 100
177 23.9 18.9 28.3
150 12.8 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E
1500000
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

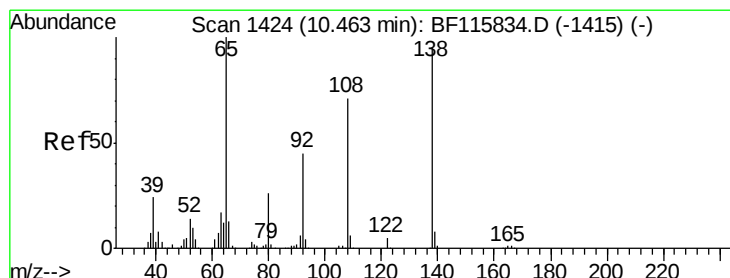
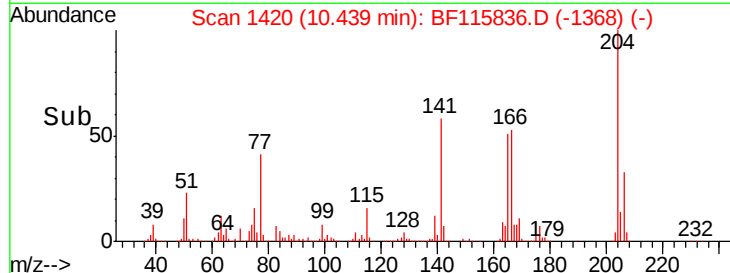
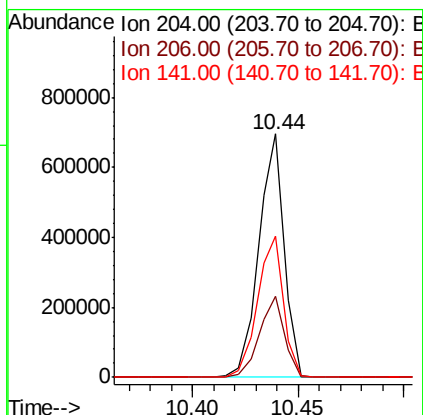
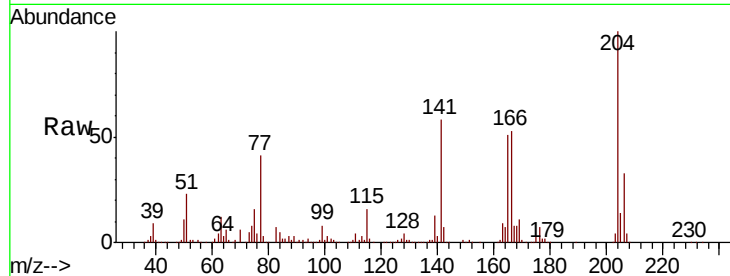




#61
4-Chlorophenyl-phenylether
Concen: 51.934 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.01 min
Lab File: BF115836.D
Acq: 29 Jul 2019 12:24

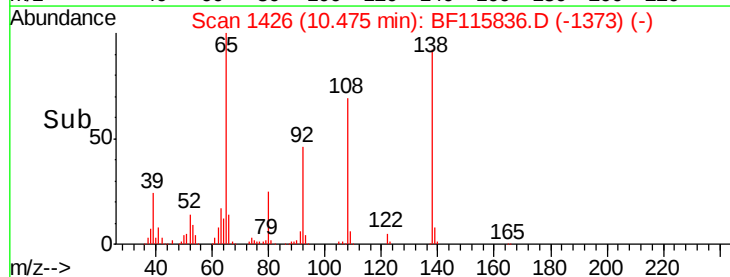
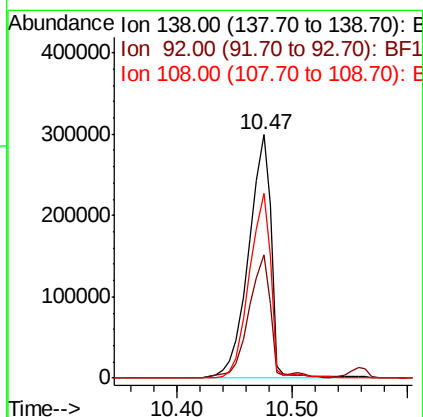
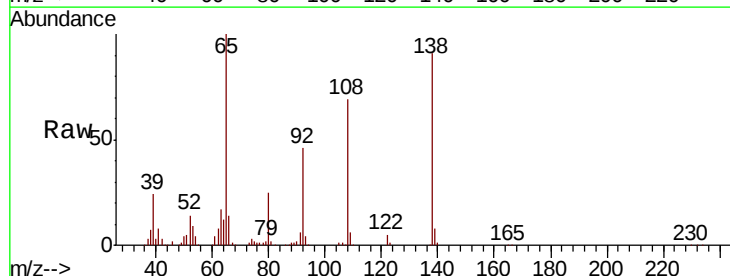
Instrument :
BNA_F
ClientSampled :

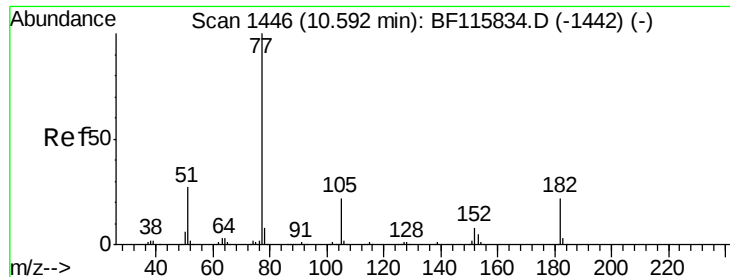
Tot Ion:204 Resp: 579860
Ion Ratio Lower Upper
204 100
206 33.2 26.3 39.5
141 57.9 46.8 70.2



#62
4-Nitroaniline
Concen: 67.900 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.01 min
Lab File: BF115836.D
Acq: 29 Jul 2019 12:24

Tgt Ion:138 Resp: 405273
Ion Ratio Lower Upper
138 100
92 50.4 28.1 68.1
108 75.6 55.5 95.5

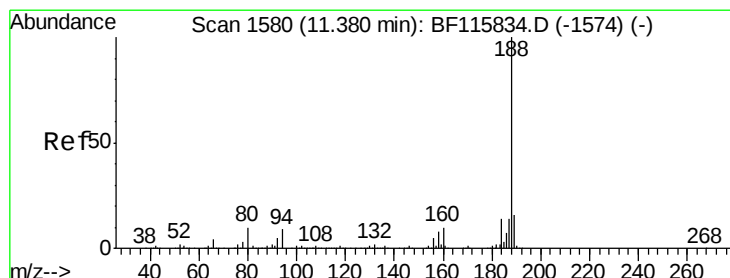
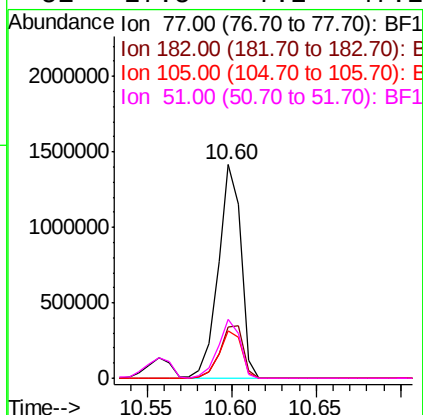
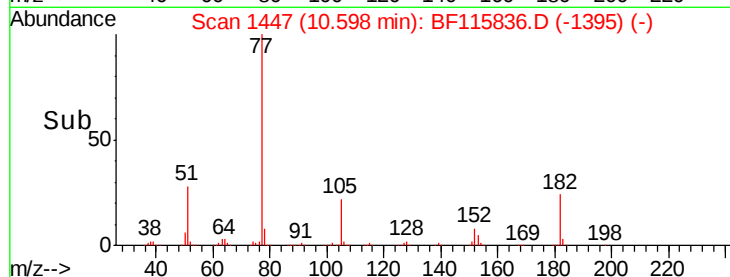
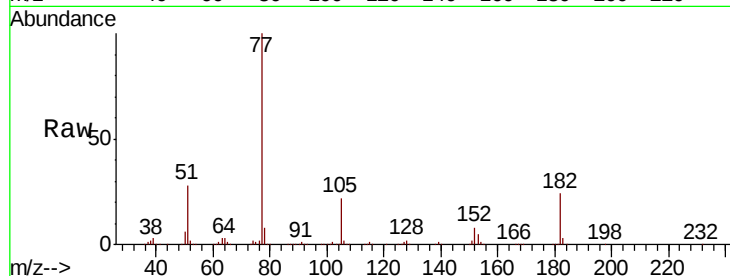




#63
Azobenzene
Concen: 60.625 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.01 min
Lab File: BF115836.D
Acq: 29 Jul 2019 12:24

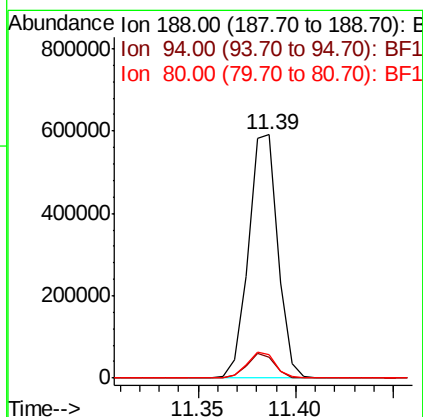
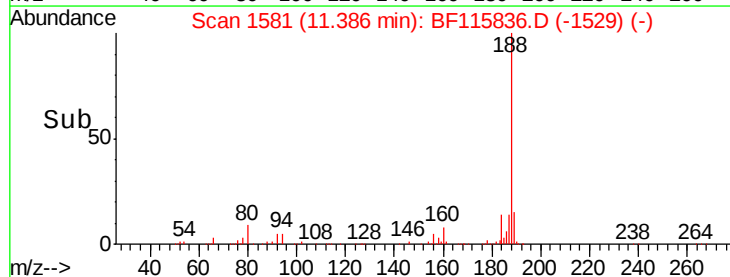
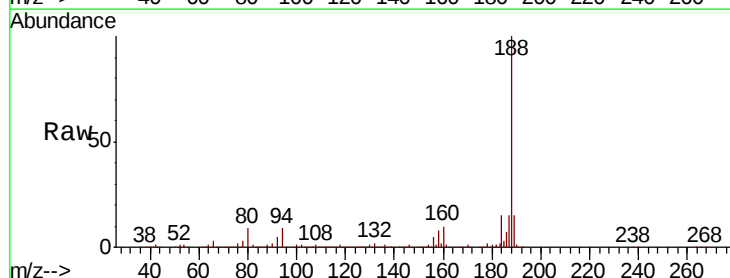
Instrument :
BNA_F
ClientSampleId :

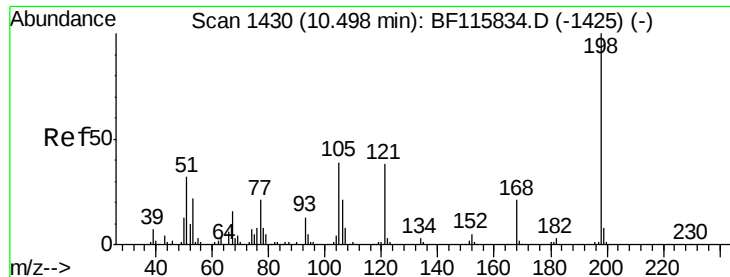
Tot Ion: 77 Resp: 1320138
Ion Ratio Lower Upper
77 100
182 23.9 2.2 42.2
105 22.2 1.8 41.8
51 27.5 7.2 47.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. 0.01 min
Lab File: BF115836.D
Acq: 29 Jul 2019 12:24

Tgt Ion: 188 Resp: 615294
Ion Ratio Lower Upper
188 100
94 8.8 7.4 11.2
80 9.4 8.1 12.1





#65

4,6-Dinitro-2-methylphenol

Concen: 61.609 ng

RT: 10.50 min Scan# 1431

Delta R.T. 0.01 min

Lab File: BF115836.D

Acq: 29 Jul 2019 12:24

Instrument :

BNA_F

ClientSampled :

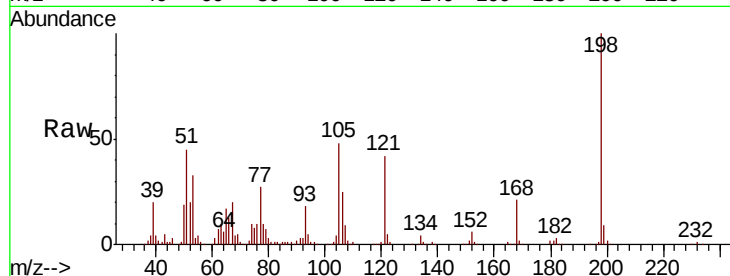
Tot Ion:198 Resp: 231602

Ion Ratio Lower Upper

198 100

51 44.9 14.3 54.3

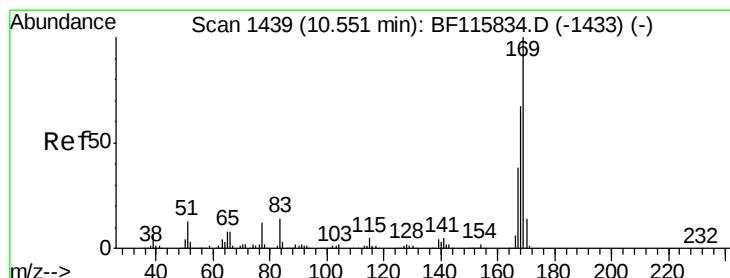
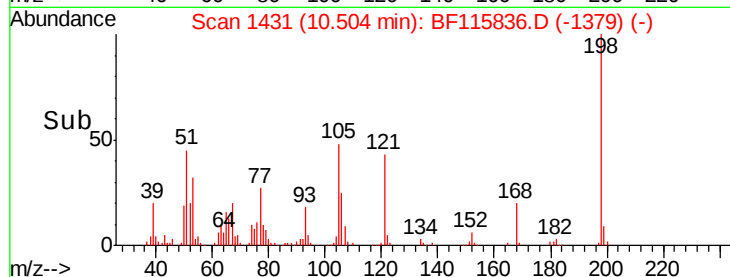
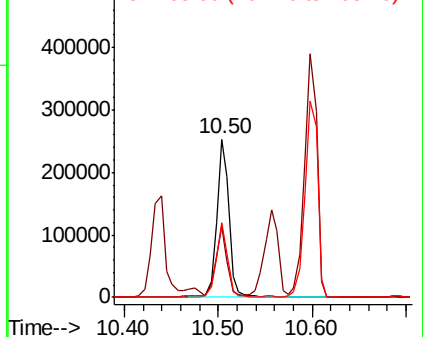
105 47.6 19.5 59.5



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: 57.114 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.01 min

Lab File: BF115836.D

Acq: 29 Jul 2019 12:24

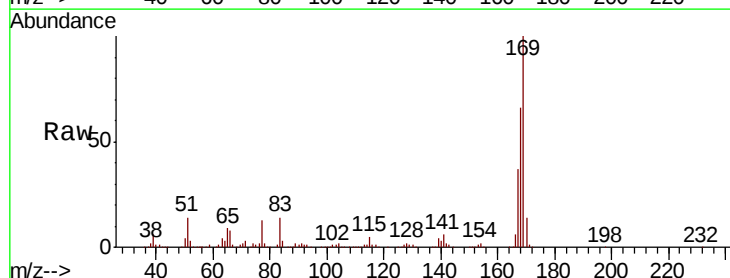
Tgt Ion:169 Resp: 1093134

Ion Ratio Lower Upper

169 100

168 66.3 53.4 80.2

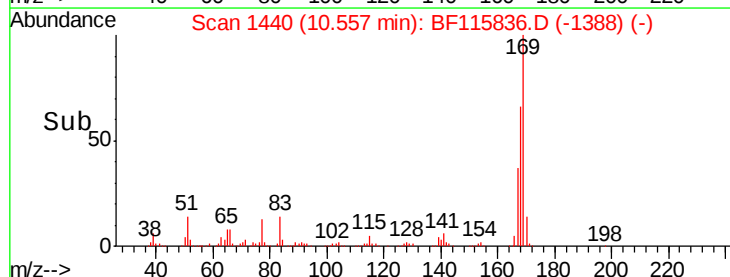
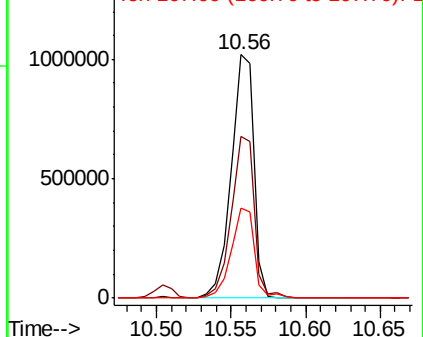
167 37.0 30.2 45.2

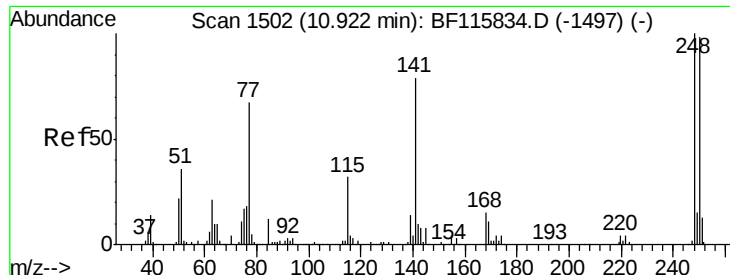


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

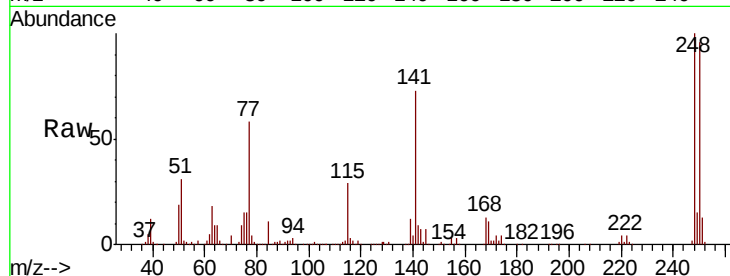




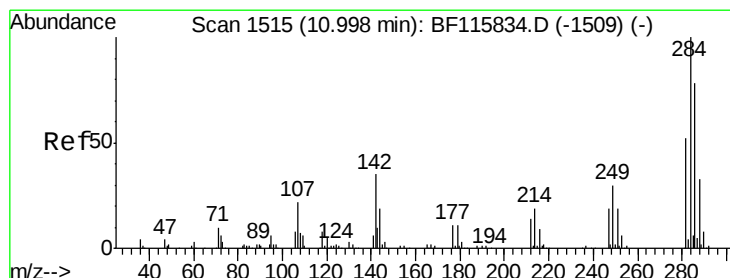
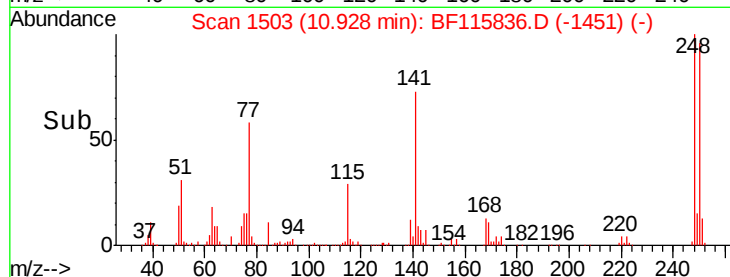
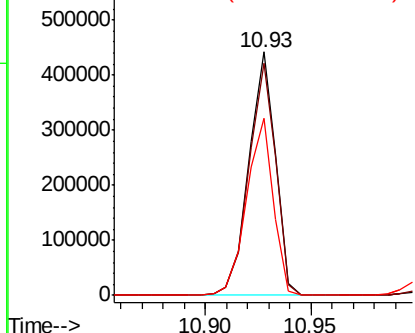
#67
 4-Bromophenyl-phenylether
 Concen: 54.951 ng
 RT: 10.93 min Scan# 1503
 Delta R.T. 0.01 min
 Lab File: BF115836.D
 Acq: 29 Jul 2019 12:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 386379
 Ion Ratio Lower Upper
 248 100
 250 95.5 78.2 117.4
 141 72.7 63.0 94.6

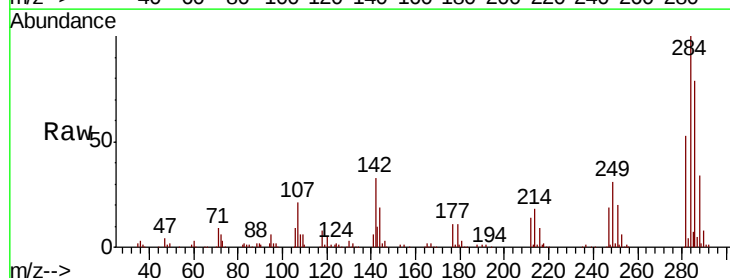


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

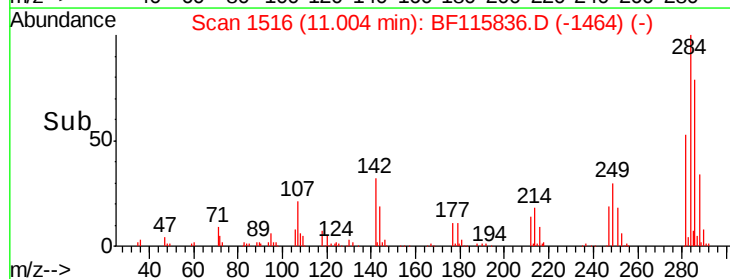
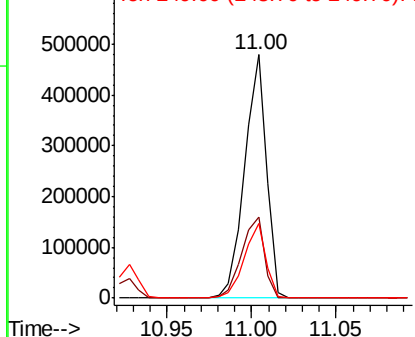


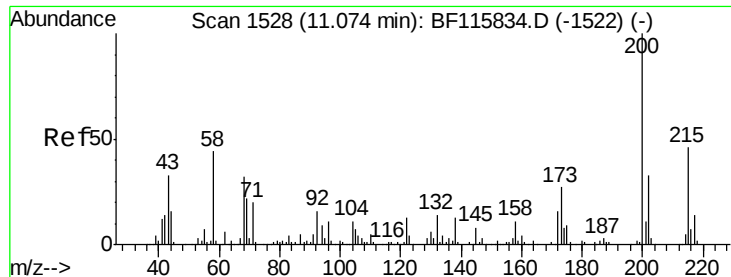
#68
 Hexachlorobenzene
 Concen: 54.121 ng
 RT: 11.00 min Scan# 1516
 Delta R.T. 0.01 min
 Lab File: BF115836.D
 Acq: 29 Jul 2019 12:24

Tgt Ion:284 Resp: 434577
 Ion Ratio Lower Upper
 284 100
 142 33.4 27.7 41.5
 249 30.5 24.2 36.4



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

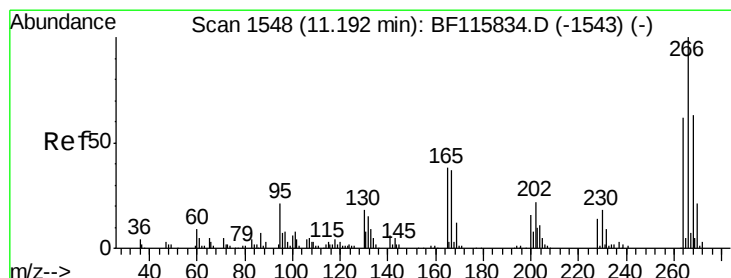
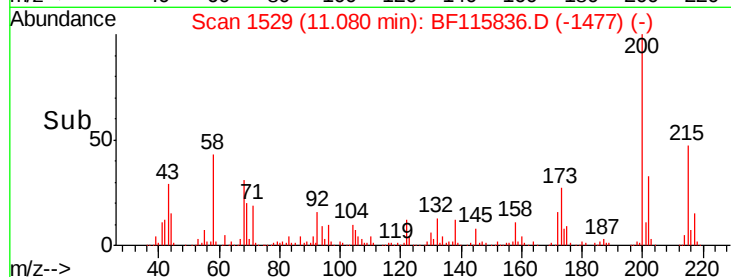
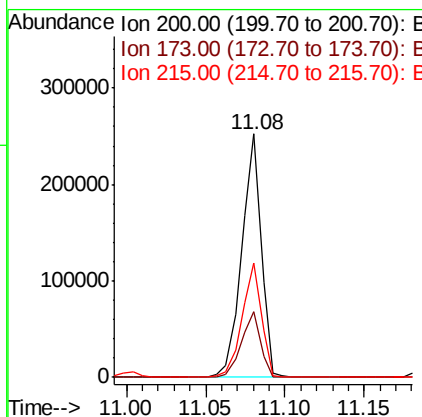
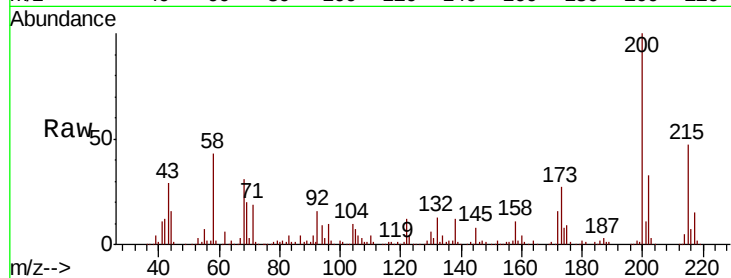




#69
 Atrazine
 Concen: 34.223 ng
 RT: 11.08 min Scan# 1529
 Delta R.T. 0.01 min
 Lab File: BF115836.D
 Acq: 29 Jul 2019 12:24

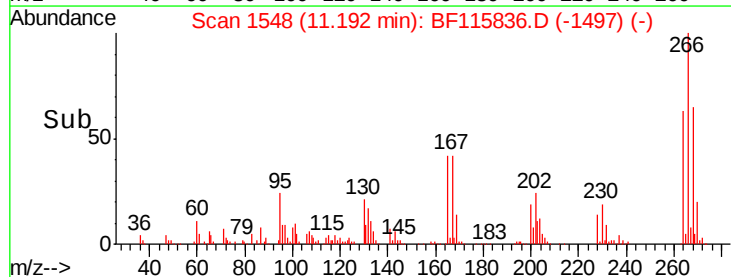
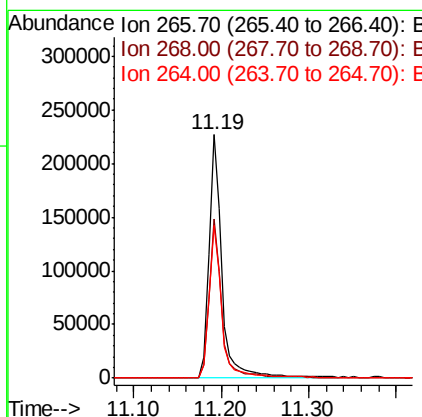
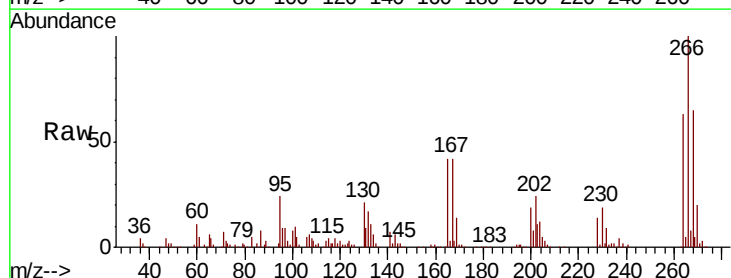
Instrument :
 BNA_F
 ClientSampleId :

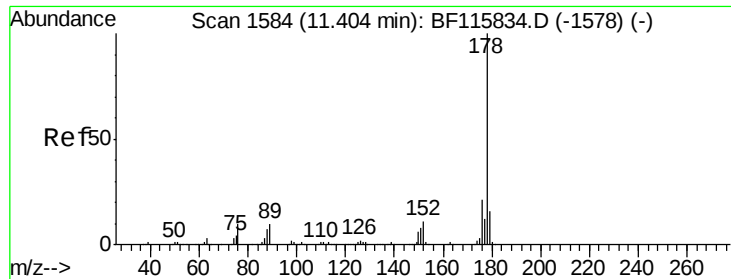
Tot Ion:200 Resp: 214880
 Ion Ratio Lower Upper
 200 100
 173 27.0 7.1 47.1
 215 47.0 26.4 66.4



#70
 Pentachlorophenol
 Concen: 47.808 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. 0.00 min
 Lab File: BF115836.D
 Acq: 29 Jul 2019 12:24

Tgt Ion:266 Resp: 234795
 Ion Ratio Lower Upper
 266 100
 268 65.4 50.6 76.0
 264 62.6 49.8 74.6

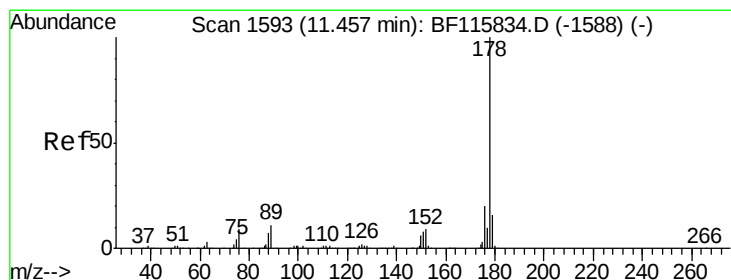
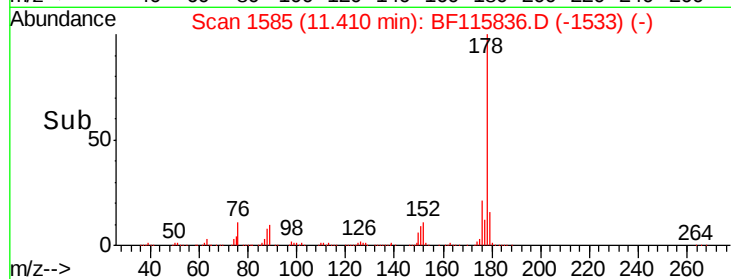
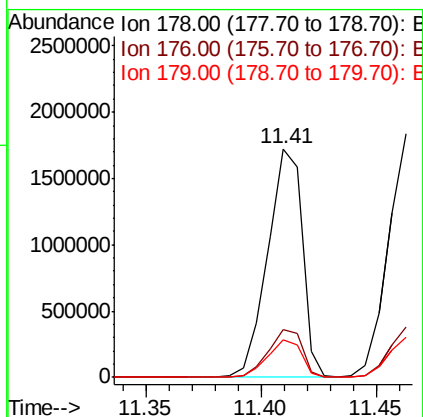
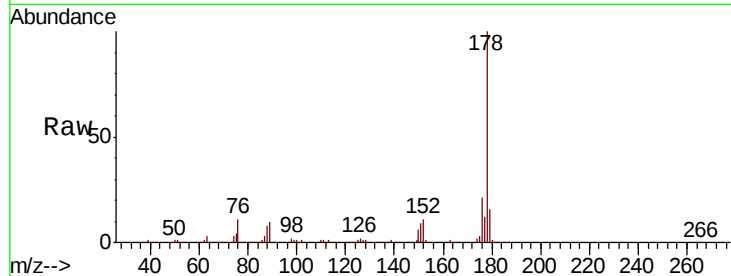




#71
Phenanthrene
Concen: 56.855 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.01 min
Lab File: BF115836.D
Acq: 29 Jul 2019 12:24

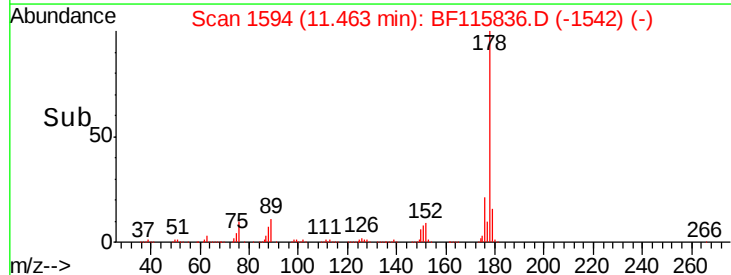
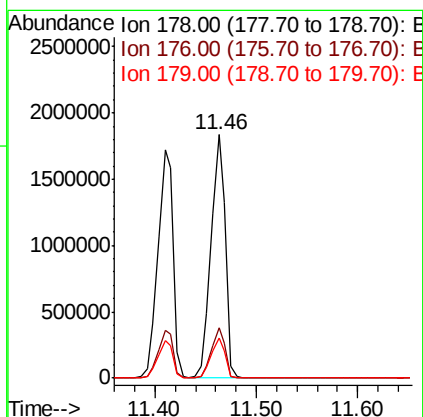
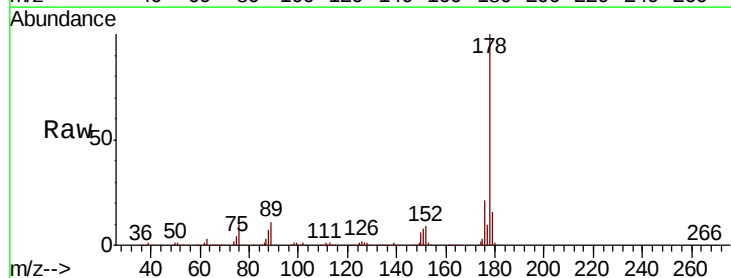
Instrument :
BNA_F
ClientSampled :

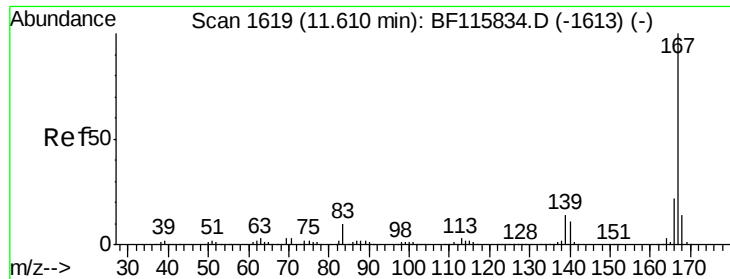
Tot Ion:178 Resp: 1793186
Ion Ratio Lower Upper
178 100
176 21.2 16.5 24.7
179 16.5 13.0 19.4



#72
Anthracene
Concen: 55.291 ng
RT: 11.46 min Scan# 1594
Delta R.T. 0.01 min
Lab File: BF115836.D
Acq: 29 Jul 2019 12:24

Tgt Ion:178 Resp: 1802185
Ion Ratio Lower Upper
178 100
176 20.5 16.2 24.2
179 16.4 13.0 19.4

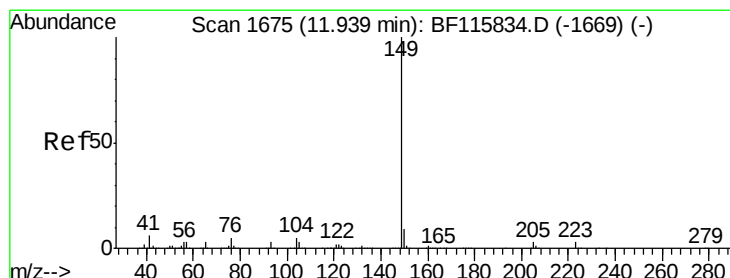
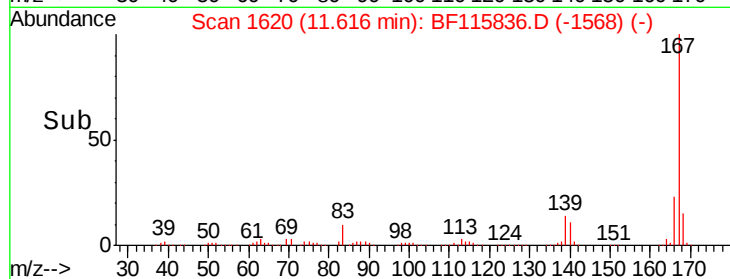
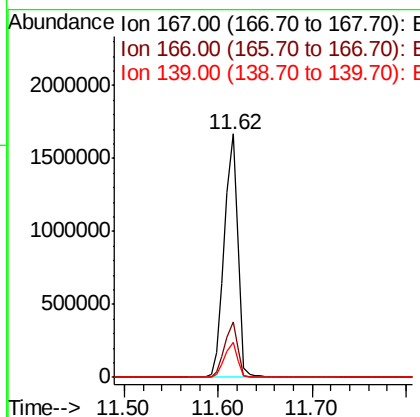
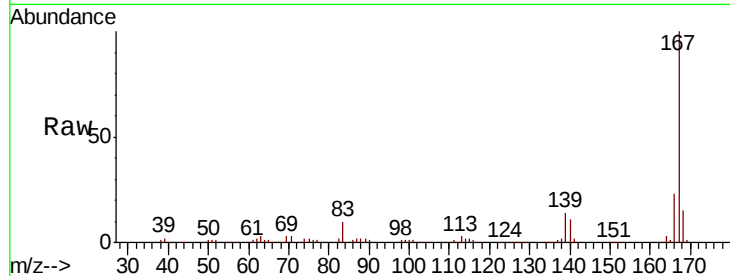




#73
 Carbazole
 Concen: 59.059 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. 0.01 min
 Lab File: BF115836.D
 Acq: 29 Jul 2019 12:24

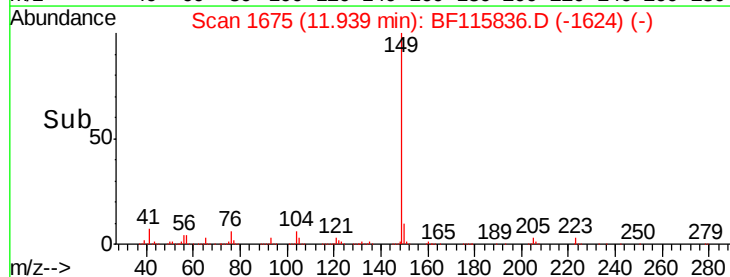
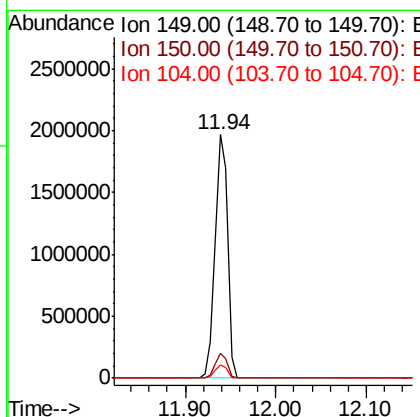
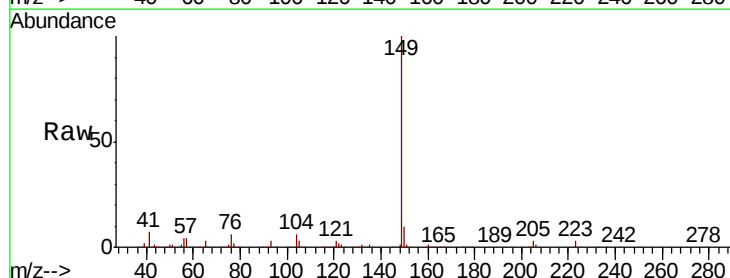
Instrument :
 BNA_F
 ClientSampleId :

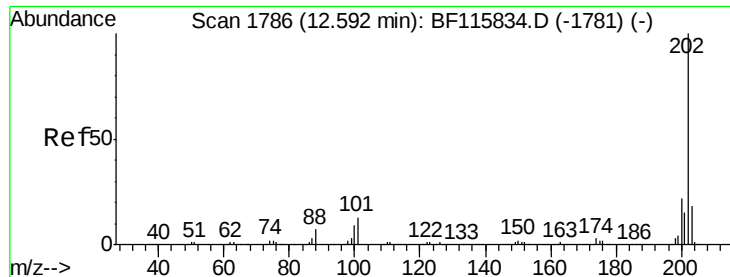
Tot Ion:167 Resp: 1688086
 Ion Ratio Lower Upper
 167 100
 166 22.8 17.7 26.5
 139 14.4 11.0 16.6



#74
 Di-n-butylphthalate
 Concen: 53.516 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. 0.00 min
 Lab File: BF115836.D
 Acq: 29 Jul 2019 12:24

Tgt Ion:149 Resp: 1884174
 Ion Ratio Lower Upper
 149 100
 150 10.0 7.5 11.3
 104 5.6 3.9 5.9

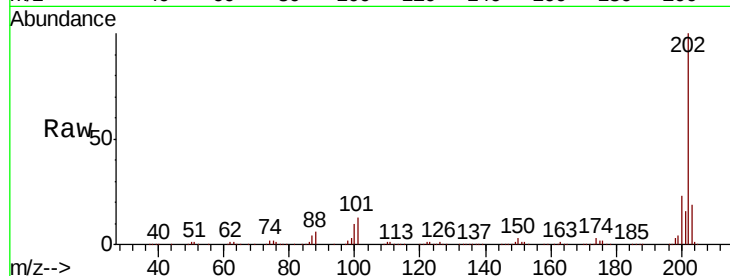




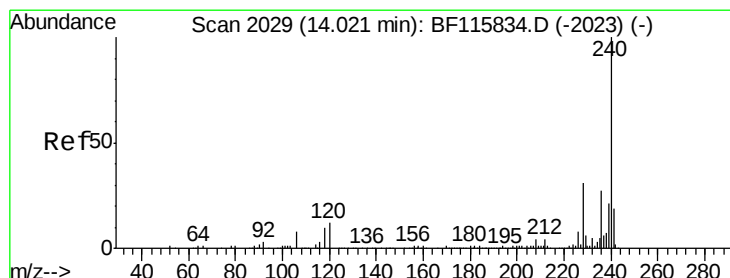
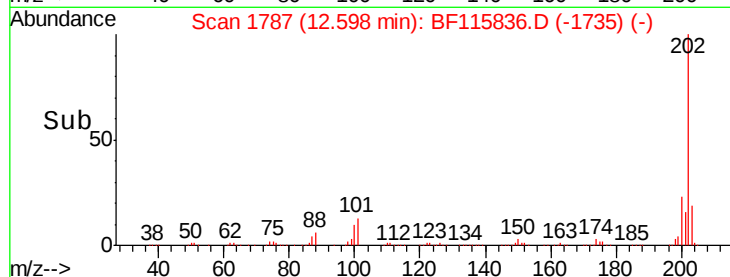
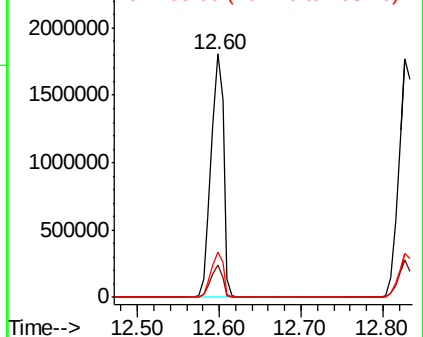
#75
 Fluoranthene
 Concen: 57.993 ng
 RT: 12.60 min Scan# 1787
 Delta R.T. 0.01 min
 Lab File: BF115836.D
 Acq: 29 Jul 2019 12:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1932831
 Ion Ratio Lower Upper
 202 100
 101 13.3 0.0 32.8
 203 18.6 0.0 37.9

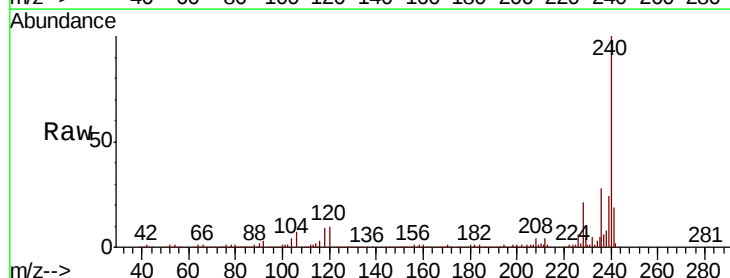


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

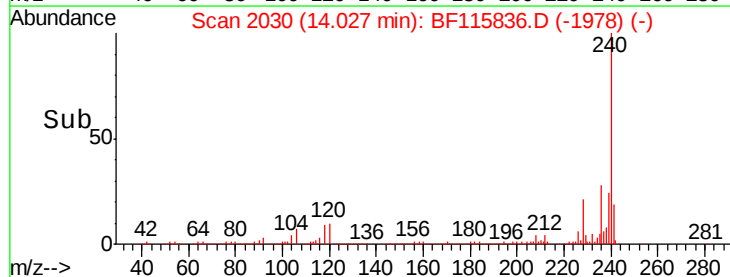
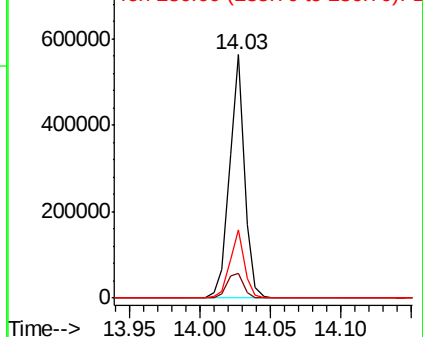


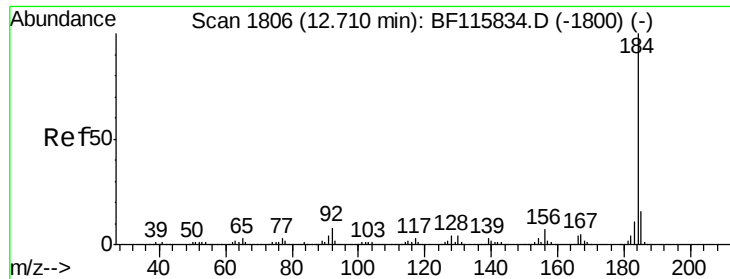
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. 0.01 min
 Lab File: BF115836.D
 Acq: 29 Jul 2019 12:24

Tgt Ion:240 Resp: 415739
 Ion Ratio Lower Upper
 240 100
 120 10.3 9.3 13.9
 236 28.0 21.6 32.4



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: 46.004 ng

RT: 12.71 min Scan# 1806

Delta R.T. 0.00 min

Lab File: BF115836.D

Acq: 29 Jul 2019 12:24

Instrument :

BNA_F

ClientSampleId :

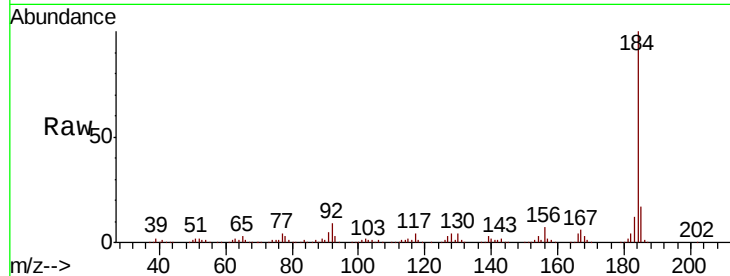
Tot Ion:184 Resp: 677528

Ion Ratio Lower Upper

184 100

185 17.3 12.7 19.1

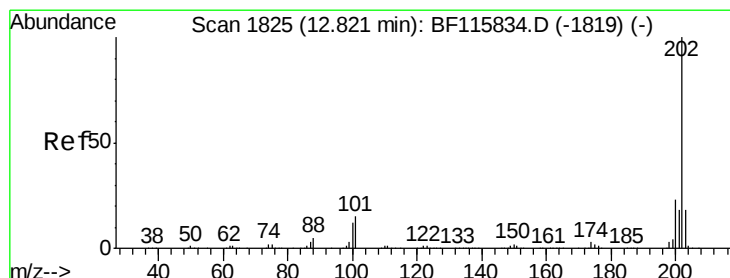
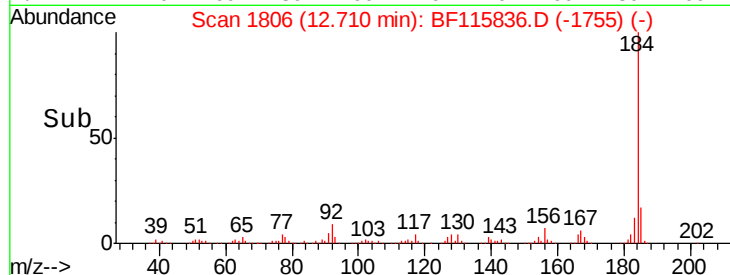
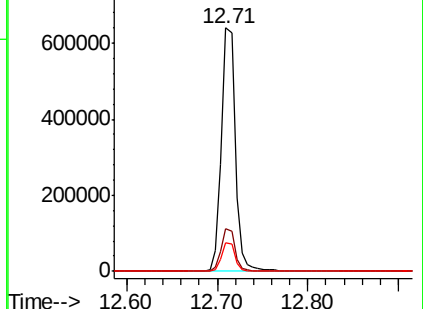
183 11.7 9.0 13.6



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: 55.734 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.01 min

Lab File: BF115836.D

Acq: 29 Jul 2019 12:24

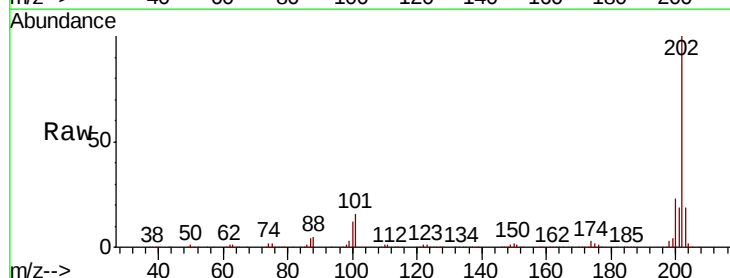
Tgt Ion:202 Resp: 1963122

Ion Ratio Lower Upper

202 100

200 23.1 18.3 27.5

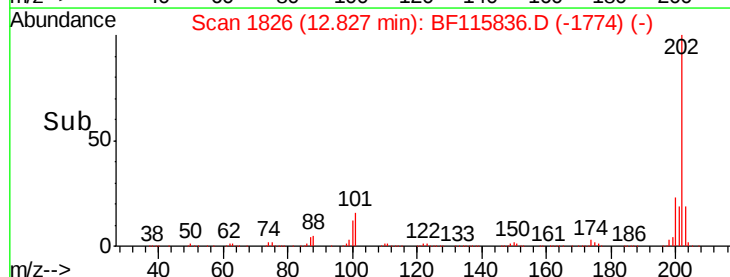
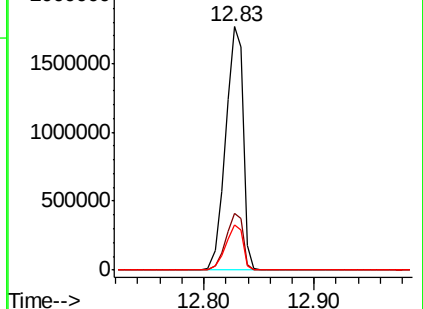
203 18.6 14.6 21.8

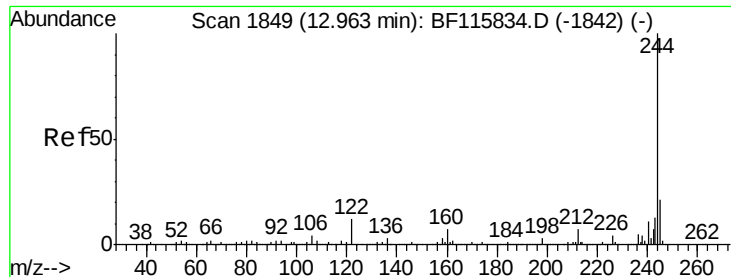


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 102.917 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.01 min

Lab File: BF115836.D

Acq: 29 Jul 2019 12:24

Instrument :

BNA_F

ClientSampled :

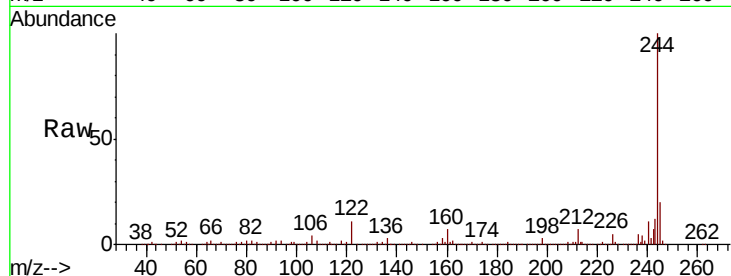
Tot Ion:244 Resp: 2318853

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

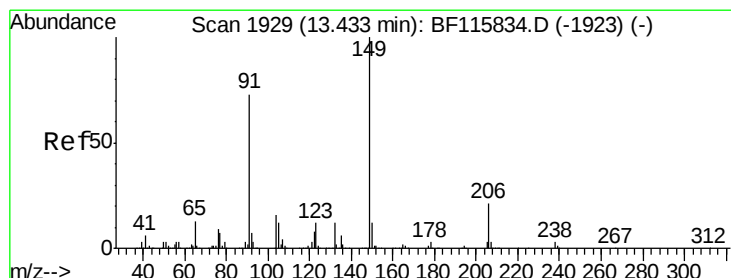
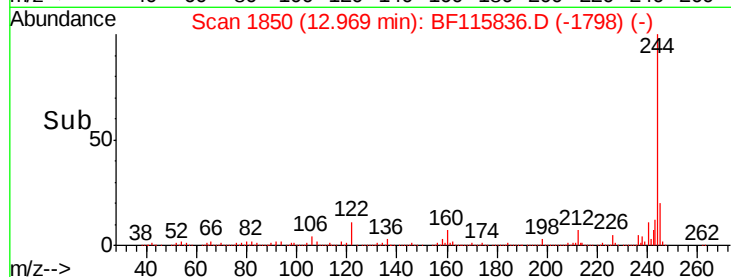
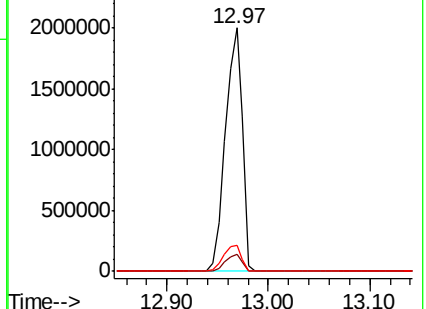
122 10.8 9.4 14.2



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: 56.201 ng

RT: 13.44 min Scan# 1930

Delta R.T. 0.01 min

Lab File: BF115836.D

Acq: 29 Jul 2019 12:24

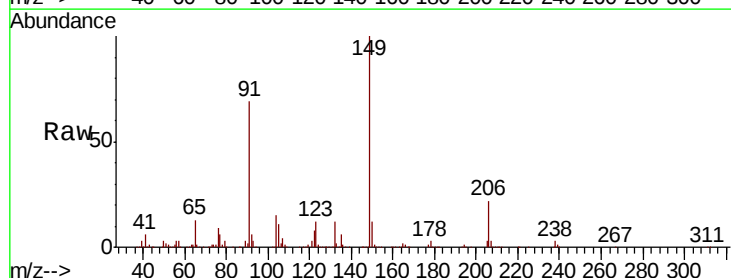
Tgt Ion:149 Resp: 843886

Ion Ratio Lower Upper

149 100

91 68.8 58.2 87.4

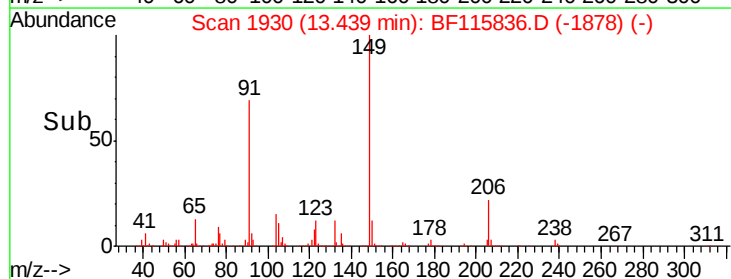
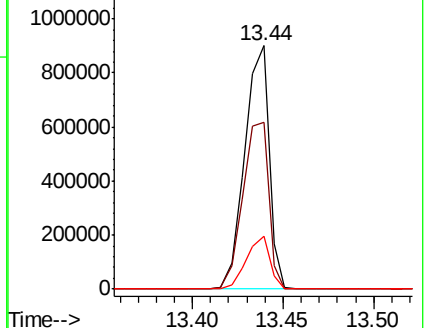
206 21.8 16.9 25.3

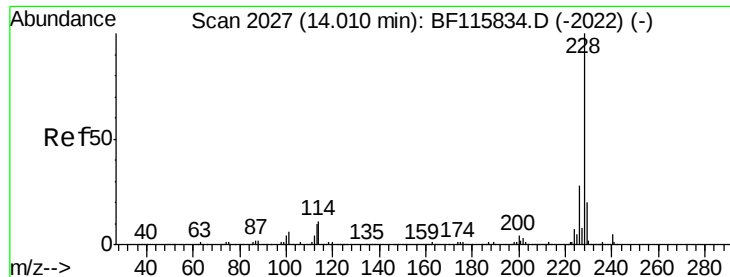


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 61.372 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.01 min

Lab File: BF115836.D

Acq: 29 Jul 2019 12:24

Instrument :

BNA_F

ClientSampleId :

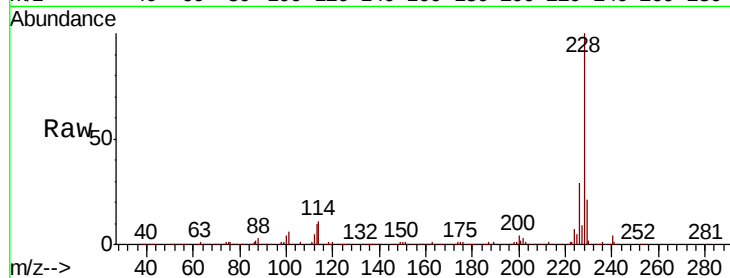
Tot Ion:228 Resp: 1680923

Ion Ratio Lower Upper

228 100

226 28.7 22.3 33.5

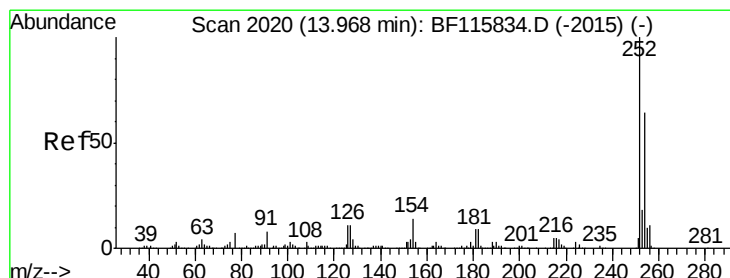
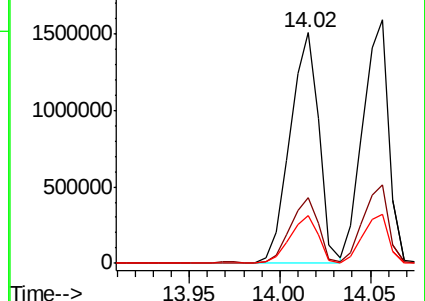
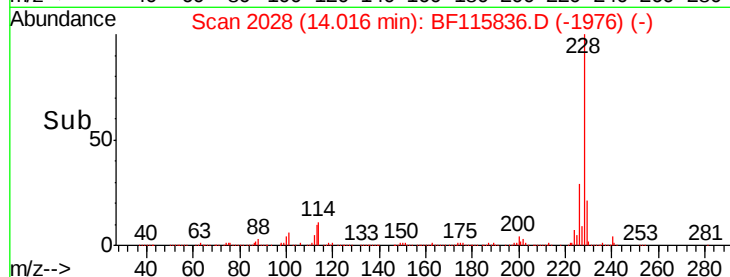
229 20.5 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 54.641 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.01 min

Lab File: BF115836.D

Acq: 29 Jul 2019 12:24

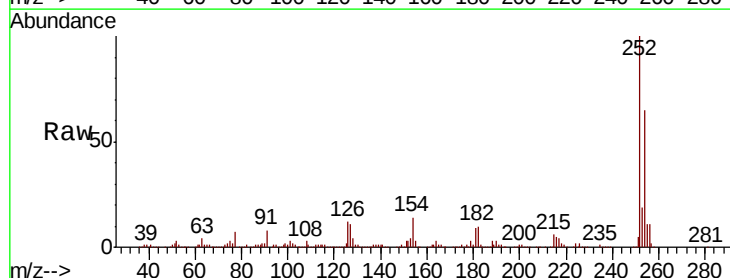
Tgt Ion:252 Resp: 532016

Ion Ratio Lower Upper

252 100

254 64.7 51.1 76.7

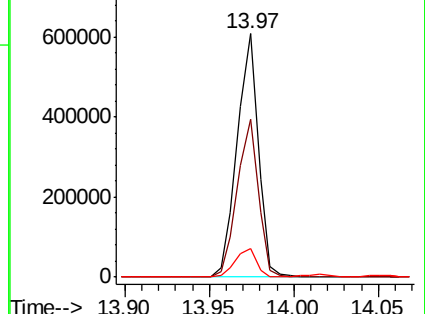
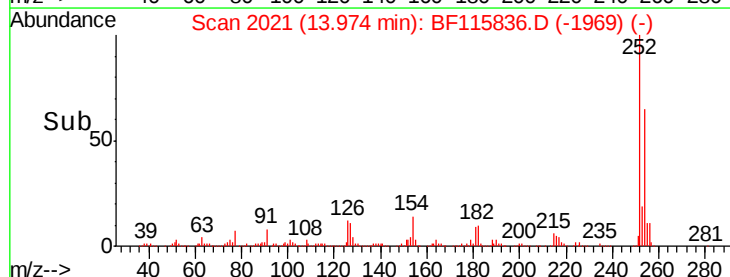
126 11.5 9.1 13.7

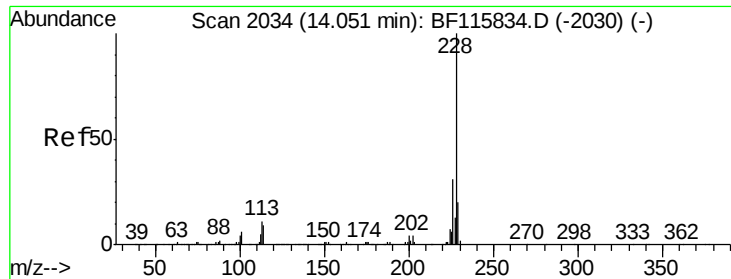


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 57.767 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BF115836.D

Acq: 29 Jul 2019 12:24

Instrument :

BNA_F

ClientSampleId :

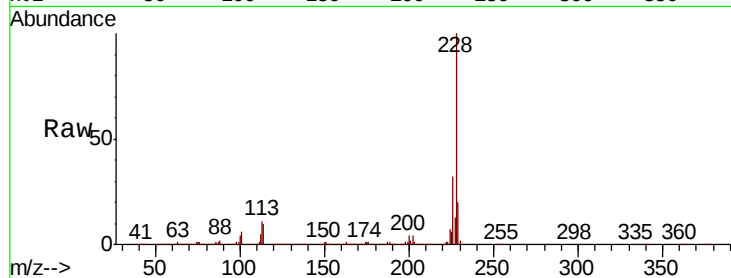
Tot Ion:228 Resp: 1588295

Ion Ratio Lower Upper

228 100

226 32.1 24.9 37.3

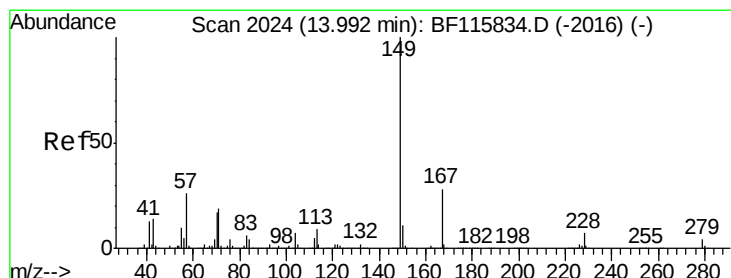
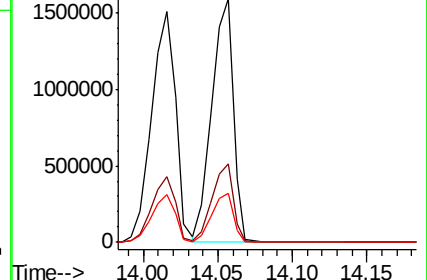
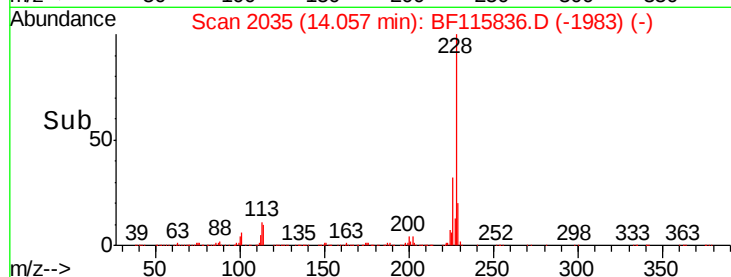
229 20.3 16.0 24.0



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: 56.998 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.01 min

Lab File: BF115836.D

Acq: 29 Jul 2019 12:24

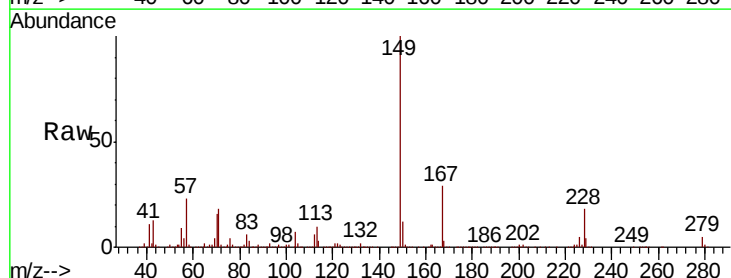
Tgt Ion:149 Resp: 1060121

Ion Ratio Lower Upper

149 100

167 29.0 22.2 33.4

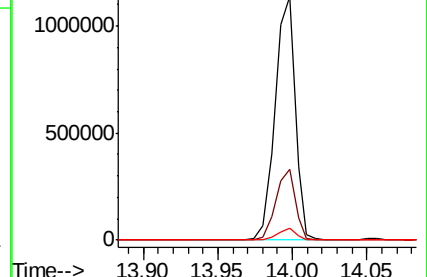
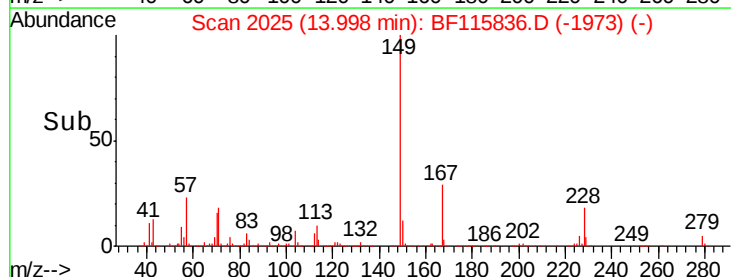
279 4.7 3.1 4.7#

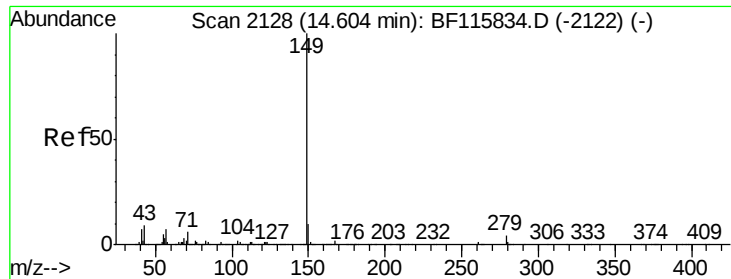


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 56.070 ng

RT: 14.61 min Scan# 2129

Delta R.T. 0.01 min

Lab File: BF115836.D

Acq: 29 Jul 2019 12:24

Instrument :

BNA_F

ClientSampleId :

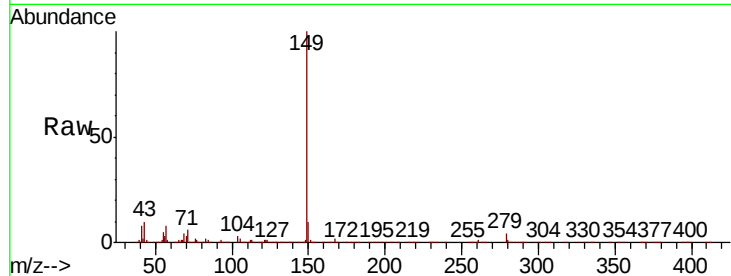
Tot Ion:149 Resp: 1659274

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

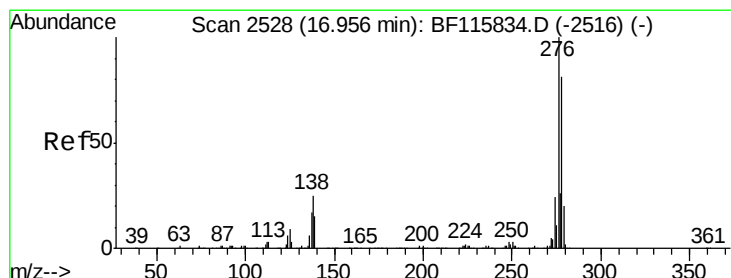
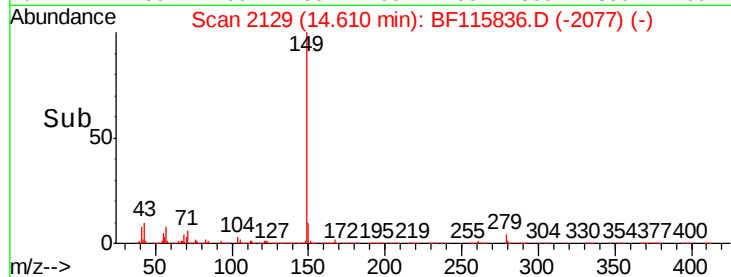
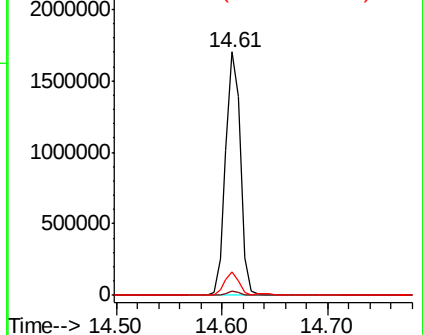
43 9.4 7.4 11.0



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: 68.413 ng

RT: 16.97 min Scan# 2531

Delta R.T. 0.02 min

Lab File: BF115836.D

Acq: 29 Jul 2019 12:24

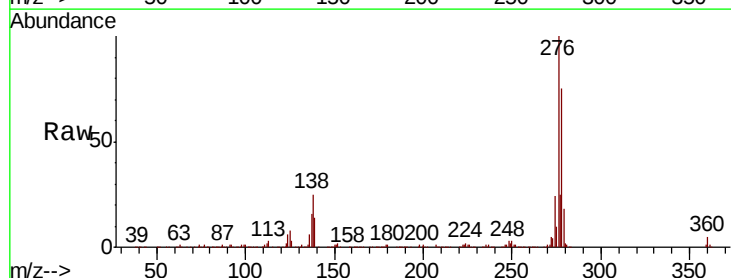
Tgt Ion:276 Resp: 1598069

Ion Ratio Lower Upper

276 100

138 24.5 19.8 29.8

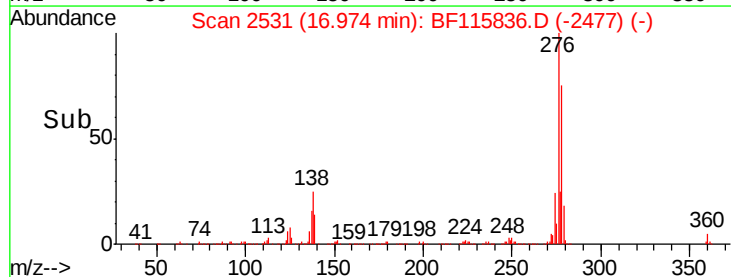
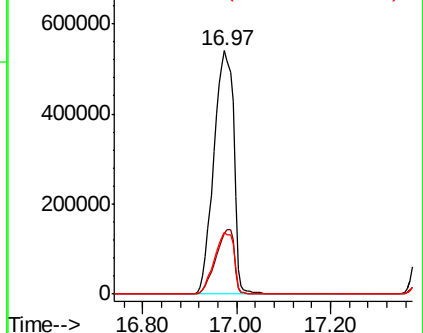
277 25.1 20.3 30.5

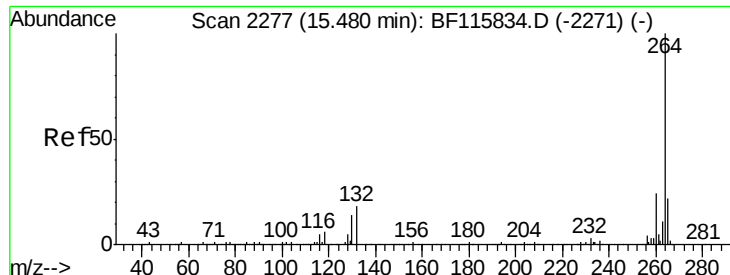


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2279

Delta R.T. 0.01 min

Lab File: BF115836.D

Acq: 29 Jul 2019 12:24

Instrument :

BNA_F

ClientSampleId :

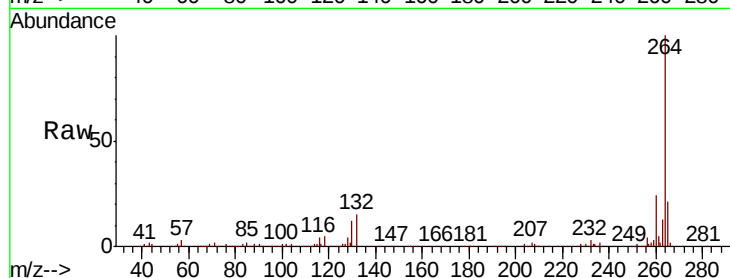
Tot Ion:264 Resp: 422136

Ion Ratio Lower Upper

264 100

260 24.3 19.5 29.3

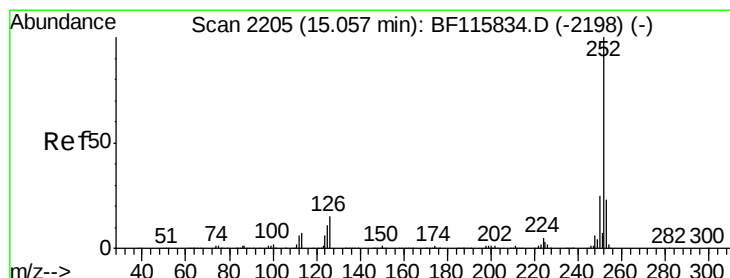
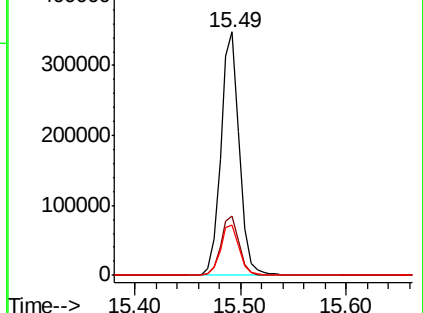
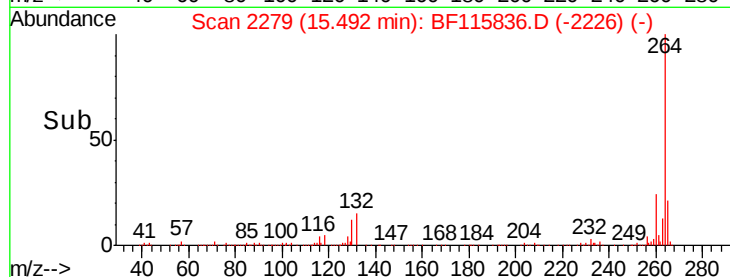
265 20.6 17.6 26.4



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: 53.746 ng

RT: 15.07 min Scan# 2207

Delta R.T. 0.01 min

Lab File: BF115836.D

Acq: 29 Jul 2019 12:24

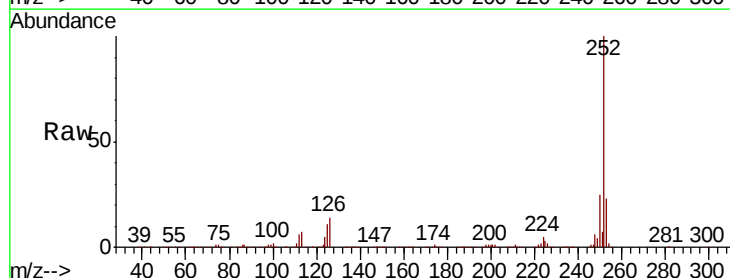
Tgt Ion:252 Resp: 1460928

Ion Ratio Lower Upper

252 100

253 23.0 18.0 27.0

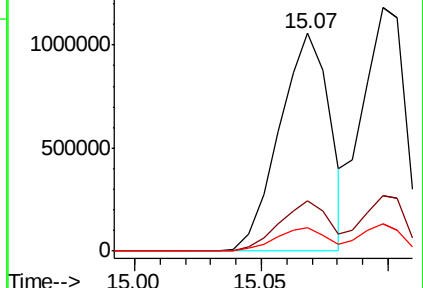
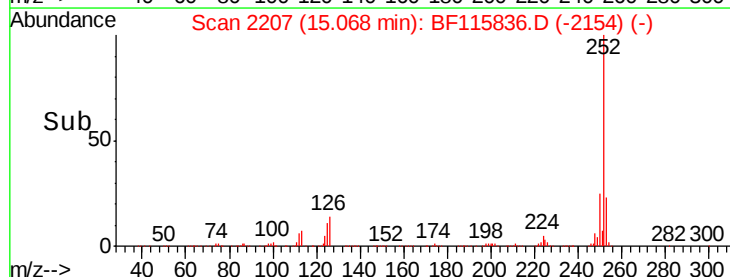
125 10.7 9.2 13.8

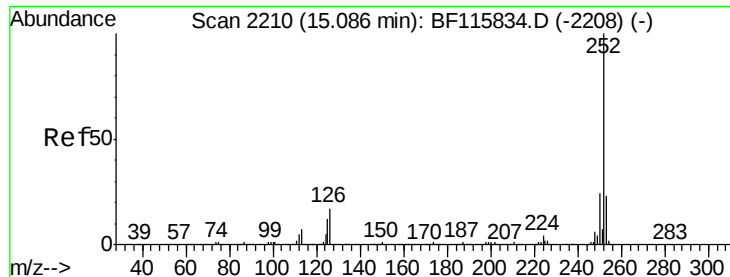


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 57.568 ng

RT: 15.10 min Scan# 2212

Delta R.T. 0.01 min

Lab File: BF115836.D

Acq: 29 Jul 2019 12:24

Instrument :

BNA_F

ClientSampleId :

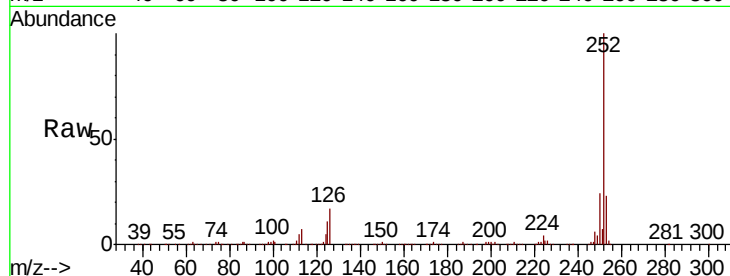
Tot Ion:252 Resp: 1395135

Ion Ratio Lower Upper

252 100

253 22.8 18.3 27.5

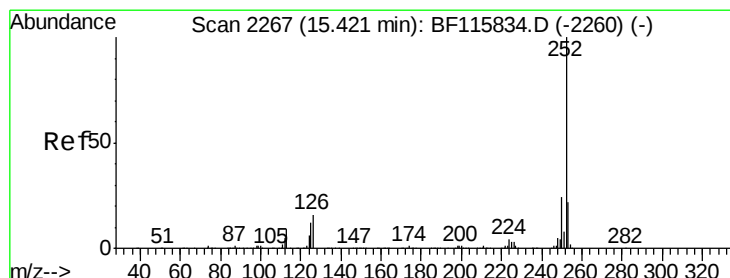
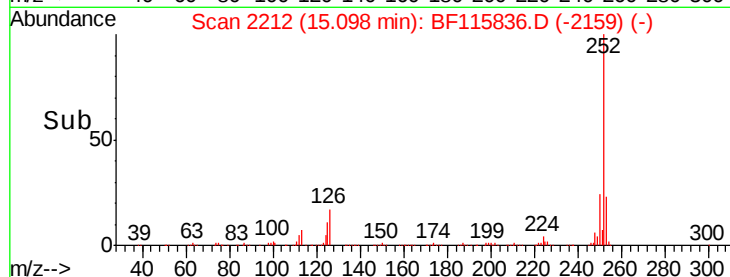
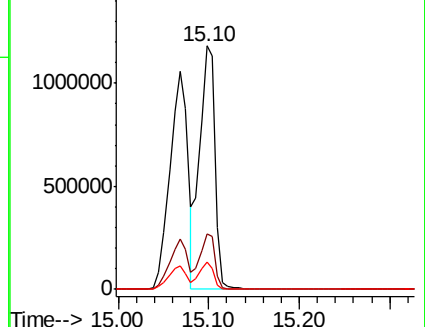
125 11.5 9.5 14.3



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



#90

Benzo(a)pyrene

Concen: 57.718 ng

RT: 15.44 min Scan# 2270

Delta R.T. 0.02 min

Lab File: BF115836.D

Acq: 29 Jul 2019 12:24

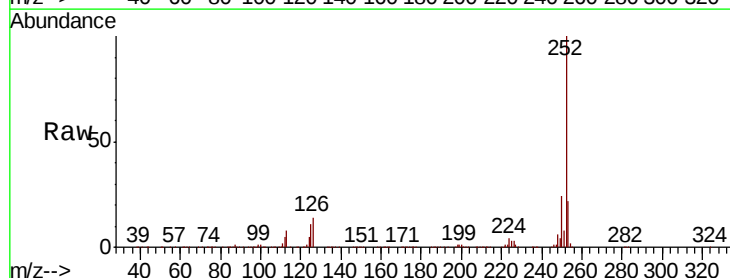
Tgt Ion:252 Resp: 1348450

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

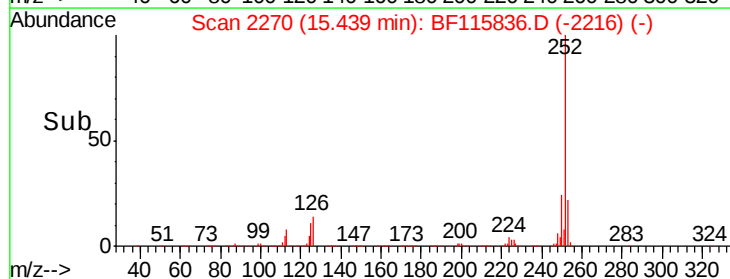
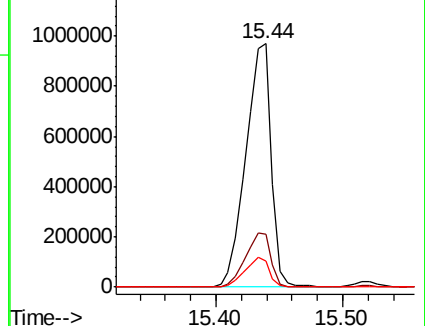
125 10.6 9.6 14.4

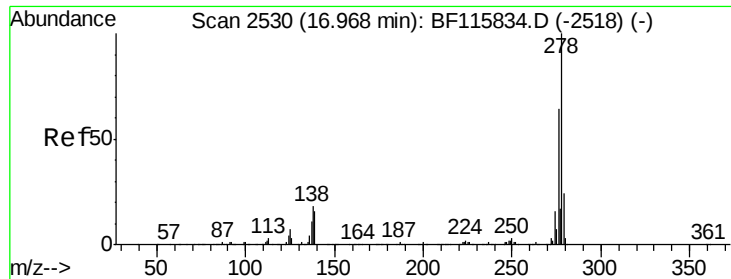


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



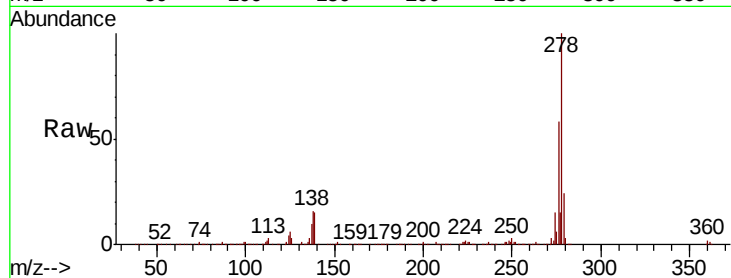


#91
Dibenzo(a,h)anthracene
Concen: 61.399 ng
RT: 16.99 min Scan# 2534
Delta R.T. 0.02 min
Lab File: BF115836.D
Acq: 29 Jul 2019 12:24

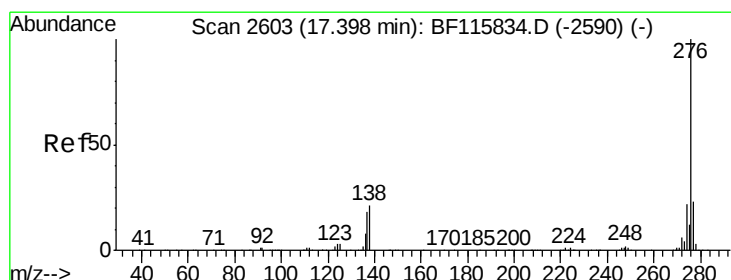
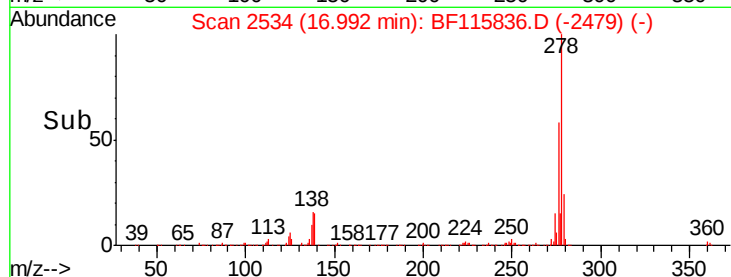
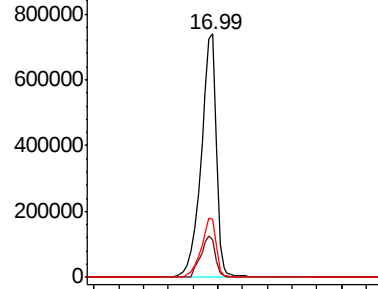
Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 1259298

Ion	Ratio	Lower	Upper
278	100		
139	15.4	12.9	19.3
279	24.0	19.1	28.7



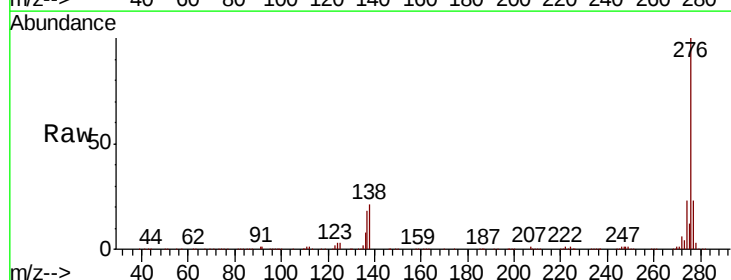
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 64.370 ng
RT: 17.42 min Scan# 2607
Delta R.T. 0.02 min
Lab File: BF115836.D
Acq: 29 Jul 2019 12:24

Tgt Ion:276 Resp: 1316700

Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.7	28.1
138	21.4	16.9	25.3



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

