

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062119\
 Data File : BF115096.D
 Acq On : 21 Jun 2019 23:37
 Operator : HP/JU
 Sample : PB120612BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 22 04:57:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 21 17:55:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	240364	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	951630	20.00	ng	0.00
39) Acenaphthene-d10	9.65	164	475024	20.00	ng	0.00
64) Phenanthrene-d10	11.12	188	932745	20.00	ng	0.00
76) Chrysene-d12	13.74	240	676547	20.00	ng	0.00
87) Perylene-d12	15.11	264	778010	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.22	112	1702939	109.33	ng	0.02
7) Phenol-d6	6.26	99	2081695	110.11	ng	0.00
23) Nitrobenzene-d5	7.18	82	1286600	83.17	ng	0.00
42) 2,4,6-Tribromophenol	10.43	330	610165	121.81	ng	0.00
45) 2-Fluorobiphenyl	8.98	172	2464641	88.13	ng	0.00
79) Terphenyl-d14	12.71	244	2622288	82.41	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.30	88	295433	40.189	ng	99
3) Pyridine	2.94	79	812484	39.214	ng	98
4) n-Nitrosodimethylamine	2.89	42	328557	40.451	ng	97
6) Aniline	6.27	93	713866	27.474	ng	# 9
8) 2-Chlorophenol	6.40	128	742900	42.417	ng	99
9) Benzaldehyde	6.15	77	115271	9.346	ng	98
10) Phenol	6.27	94	870883	39.326	ng	94
11) bis(2-Chloroethyl)ether	6.36	93	680671	41.697	ng	98
12) 1,3-Dichlorobenzene	6.55	146	796962	41.001	ng	99
13) 1,4-Dichlorobenzene	6.63	146	803214	41.208	ng	99
14) 1,2-Dichlorobenzene	6.78	146	746121	41.335	ng	99
15) Benzyl Alcohol	6.76	79	572731	41.604	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.90	45	981112	41.439	ng	100
17) 2-Methylphenol	6.88	107	619737	42.868	ng	99
18) Hexachloroethane	7.13	117	289201	41.155	ng	98
19) n-Nitroso-di-n-propylamine	7.04	70	486048	40.158	ng	98
20) 3+4-Methylphenols	7.03	107	710854	42.584	ng	95
22) Acetophenone	7.02	105	970981	44.569	ng	# 98
24) Nitrobenzene	7.20	77	746312	43.791	ng	100
25) Isophorone	7.44	82	1393219	43.963	ng	100
26) 2-Nitrophenol	7.51	139	396286	47.085	ng	97
27) 2,4-Dimethylphenol	7.56	122	699457	50.758	ng	98
28) bis(2-Chloroethoxy)methane	7.66	93	876603	43.765	ng	99
29) 2,4-Dichlorophenol	7.75	162	638760	44.917	ng	97
30) 1,2,4-Trichlorobenzene	7.84	180	690977	43.988	ng	99
31) Naphthalene	7.92	128	2102248	45.003	ng	100
32) Benzoic acid	7.70	122	527750	53.652	ng	98
33) 4-Chloroaniline	7.97	127	499863	23.414	ng	100
34) Hexachlorobutadiene	8.05	225	370406	43.029	ng	99
35) Caprolactam	8.34	113	110233	23.055	ng	92
36) 4-Chloro-3-methylphenol	8.46	107	646812	44.911	ng	94
37) 2-Methylnaphthalene	8.61	142	1439157	45.693	ng	98
38) 1-Methylnaphthalene	8.71	142	1380683	45.898	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.78	216	578052	43.063	ng	99

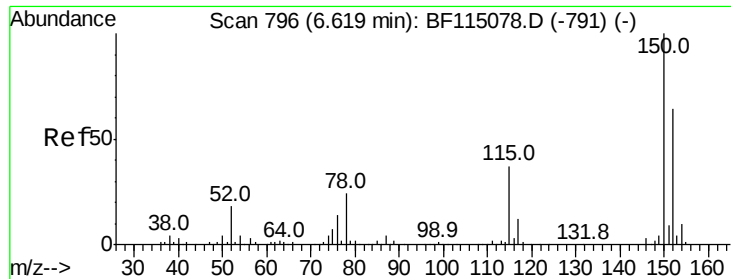
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062119\
 Data File : BF115096.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	730366	91.759	ng	99
43) 2,4,6-Trichlorophenol	8.89	196	462930	44.670	ng	99
44) 2,4,5-Trichlorophenol	8.93	196	485469	45.489	ng	98
46) 1,1'-Biphenyl	9.08	154	1667414	43.869	ng	99
47) 2-Chloronaphthalene	9.10	162	1348288	43.732	ng	98
48) 2-Nitroaniline	9.19	65	391529	43.559	ng	94
49) Acenaphthylene	9.51	152	2114645	44.022	ng	99
50) Dimethylphthalate	9.38	163	1537260	43.986	ng	100
51) 2,6-Dinitrotoluene	9.44	165	367887	45.595	ng	94
52) Acenaphthene	9.68	154	1441185	47.947	ng	99
53) 3-Nitroaniline	9.60	138	275202	27.950	ng	97
54) 2,4-Dinitrophenol	9.71	184	376846	89.778	ng	94
55) Dibenzofuran	9.85	168	1842341	42.704	ng	99
56) 4-Nitrophenol	9.77	139	678405	85.942	ng	97
57) 2,4-Dinitrotoluene	9.84	165	490219	47.054	ng	95
58) Fluorene	10.20	166	1280871	44.523	ng	99
59) 2,3,4,6-Tetrachlorophenol	9.97	232	418891	46.809	ng	99
60) Diethylphthalate	10.08	149	1543545	43.937	ng	99
61) 4-Chlorophenyl-phenylether	10.19	204	616269	45.175	ng	96
62) 4-Nitroaniline	10.21	138	412183	41.729	ng	98
63) Azobenzene	10.35	77	1457118	44.407	ng	97
65) 4,6-Dinitro-2-methylphenol	10.24	198	225231	45.653	ng	100
66) n-Nitrosodiphenylamine	10.31	169	1306146	44.947	ng	99
67) 4-Bromophenyl-phenylether	10.68	248	440221	43.531	ng	93
68) Hexachlorobenzene	10.74	284	479196	43.655	ng	94
69) Atrazine	10.84	200	408999	43.753	ng	99
70) Pentachlorophenol	10.93	266	572010	81.797	ng	96
71) Phenanthrene	11.14	178	2108958	41.994	ng	99
72) Anthracene	11.19	178	2179121	42.986	ng	98
73) Carbazole	11.35	167	1963230	43.369	ng	99
74) Di-n-butylphthalate	11.70	149	2314169	44.240	ng	99
75) Fluoranthene	12.32	202	2177498	43.457	ng	99
77) Benzidine	12.45	184	1024789	34.113	ng	99
78) Pyrene	12.55	202	2242247	43.126	ng	98
80) Butylbenzylphthalate	13.19	149	1043320	45.470	ng	95
81) Benzo(a)anthracene	13.73	228	2062174	42.480	ng	100
82) 3,3'-Dichlorobenzidine	13.70	252	549988	31.374	ng	99
83) Chrysene	13.77	228	1880830	42.296	ng	99
84) Bis(2-ethylhexyl)phthalate	13.75	149	1369987	45.567	ng	100
85) Di-n-octyl phthalate	14.37	149	2363998	46.798	ng	100
86) Indeno(1,2,3-cd)pyrene	16.38	276	2349374	44.649	ng	99
88) Benzo(b)fluoranthene	14.74	252	2211533	45.556	ng	99
89) Benzo(k)fluoranthene	14.77	252	1919506	44.091	ng	98
90) Benzo(a)pyrene	15.06	252	2046034	46.761	ng	98
91) Dibenzo(a,h)anthracene	16.41	278	1928994	47.224	ng	99
92) Benzo(g,h,i)perylene	16.78	276	1971093	47.677	ng	99

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

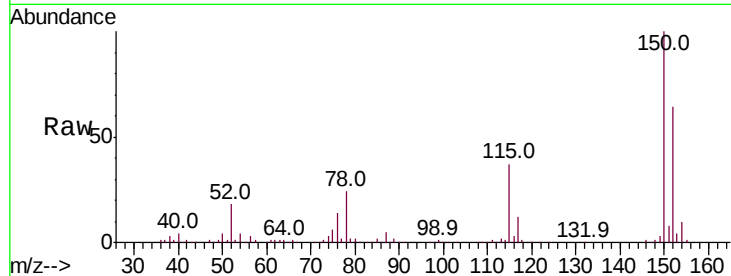


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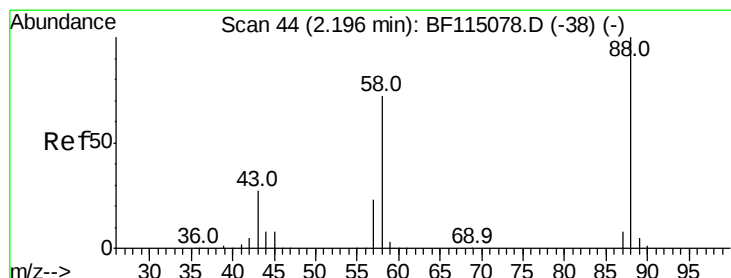
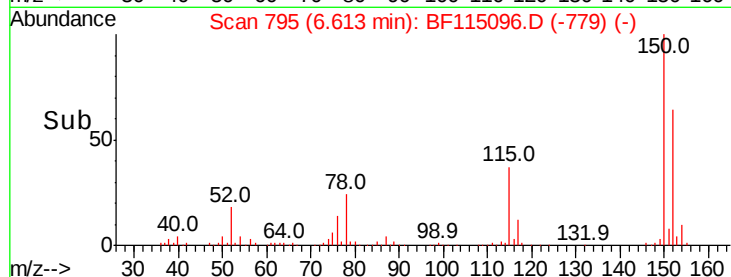
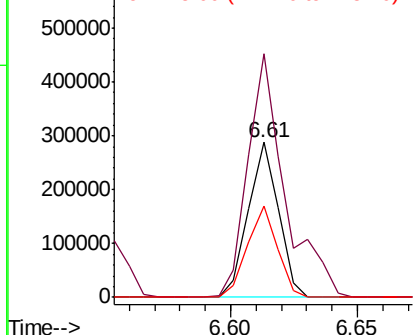
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115096.D
Acq: 21 Jun 2019 23:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 240364
Ion Ratio Lower Upper
152 100
150 157.0 124.2 186.2
115 58.7 46.1 69.1



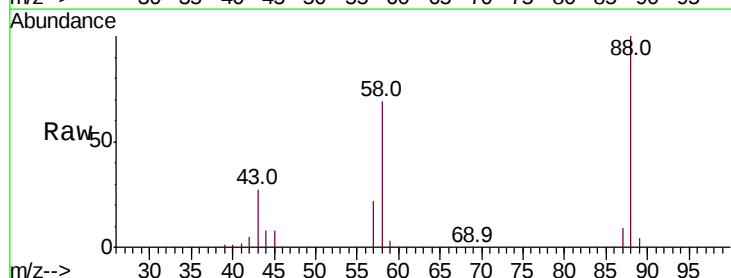
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



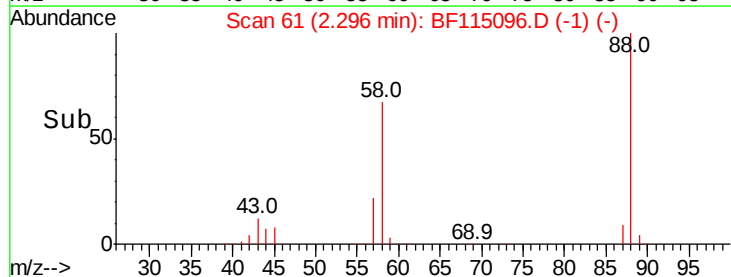
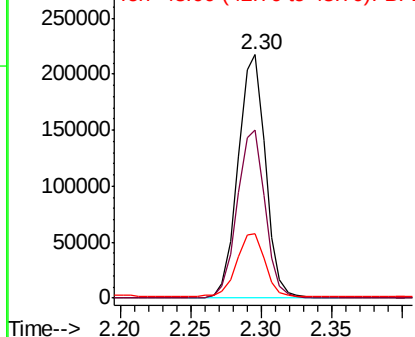
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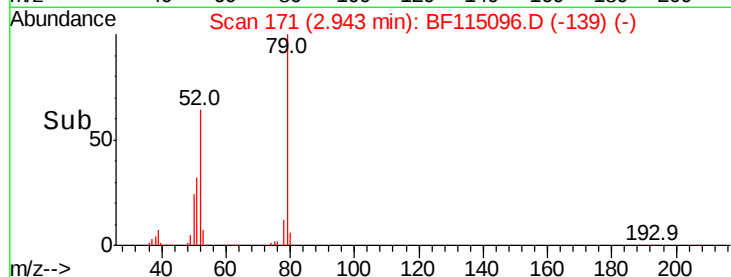
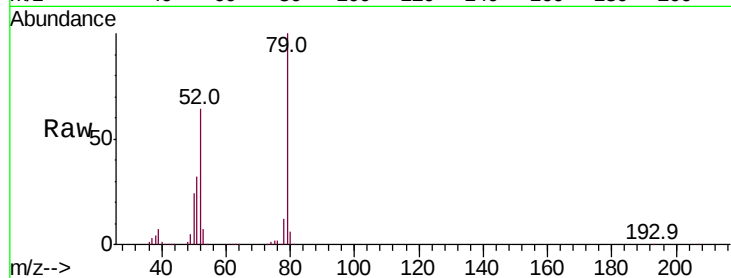
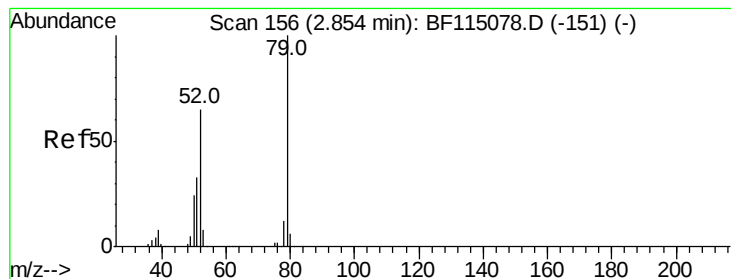
1,4-Dioxane
Concen: 40.189 ng
RT: 2.30 min Scan# 61
Delta R.T. 0.10 min
Lab File: BF115096.D
Acq: 21 Jun 2019 23:37

Tgt Ion: 88 Resp: 295433
Ion Ratio Lower Upper
88 100
58 69.4 56.1 84.1
43 26.8 21.3 31.9



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 39.214 ng

RT: 2.94 min Scan# 171

Delta R.T. 0.09 min

Lab File: BF115096.D

Acq: 21 Jun 2019 23:37

Instrument :

BNA_F

ClientSampled :

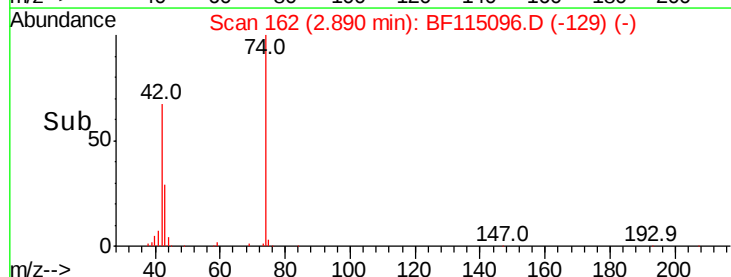
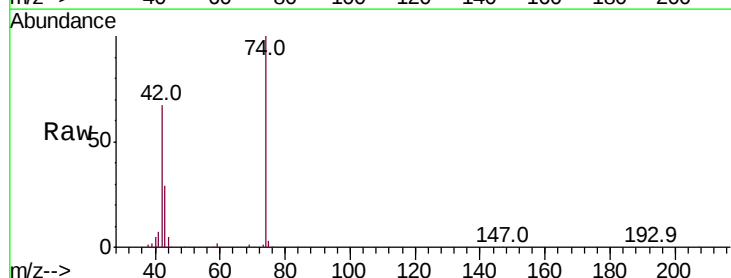
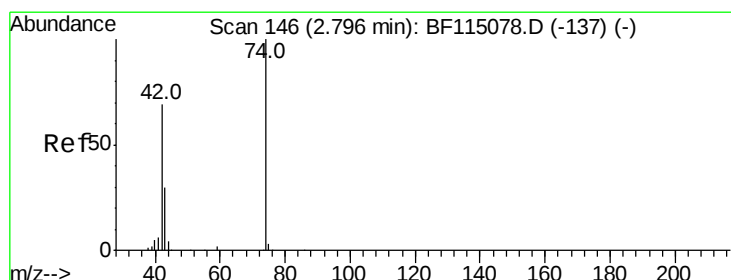
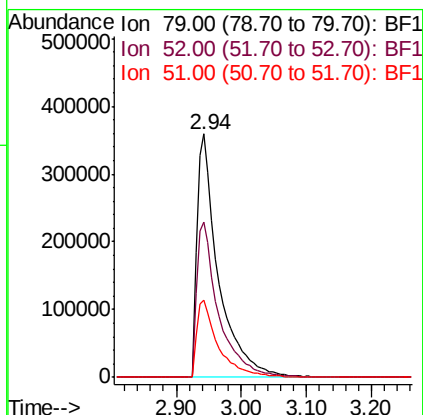
Tot Ion: 79 Resp: 812484

Ion Ratio Lower Upper

79 100

52 63.8 52.3 78.5

51 31.6 26.1 39.1



#4

n-Nitrosodimethylamine

Concen: 40.451 ng

RT: 2.89 min Scan# 162

Delta R.T. 0.09 min

Lab File: BF115096.D

Acq: 21 Jun 2019 23:37

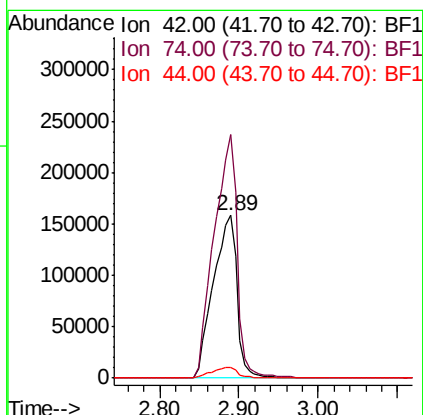
Tgt Ion: 42 Resp: 328557

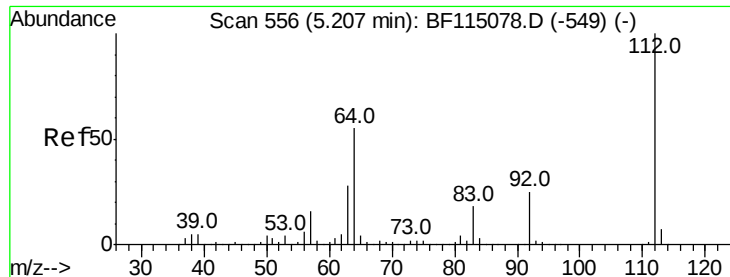
Ion Ratio Lower Upper

42 100

74 149.5 116.6 175.0

44 6.7 5.3 7.9





#5

2-Fluorophenol

Concen: 109.331 ng

RT: 5.22 min Scan# 559

Delta R.T. 0.02 min

Lab File: BF115096.D

Acq: 21 Jun 2019 23:37

Instrument :

BNA_F

ClientSampleId :

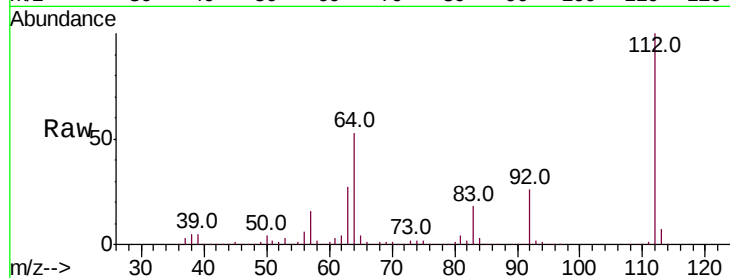
Tot Ion:112 Resp: 1702939

Ion Ratio Lower Upper

112 100

64 53.3 43.8 65.6

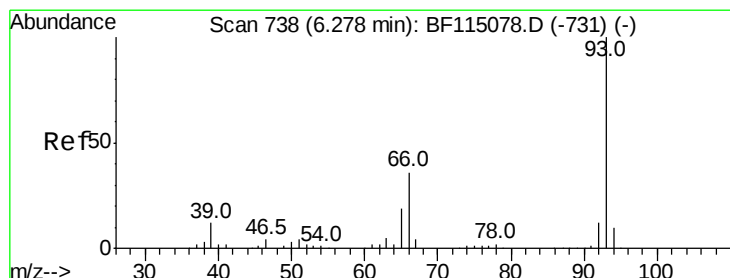
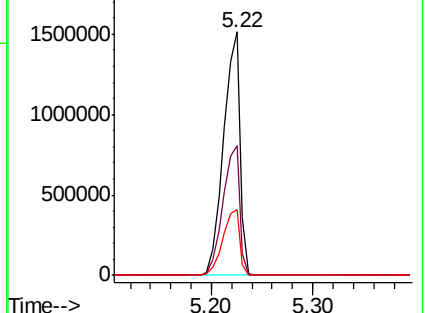
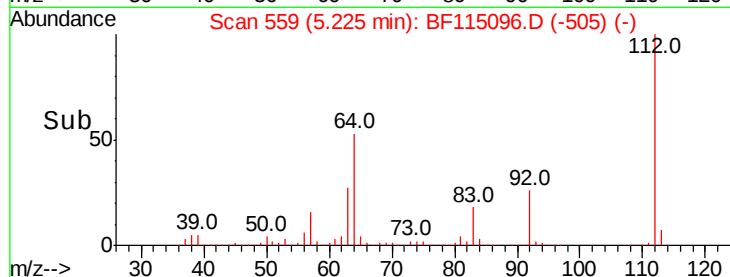
63 27.2 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 27.474 ng

RT: 6.27 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF115096.D

Acq: 21 Jun 2019 23:37

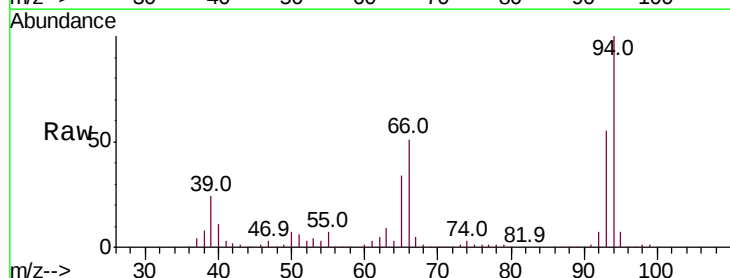
Tgt Ion: 93 Resp: 713866

Ion Ratio Lower Upper

93 100

66 91.6 30.0 45.0#

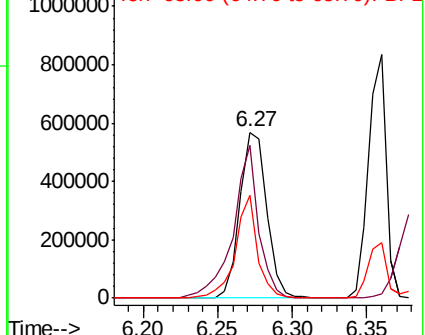
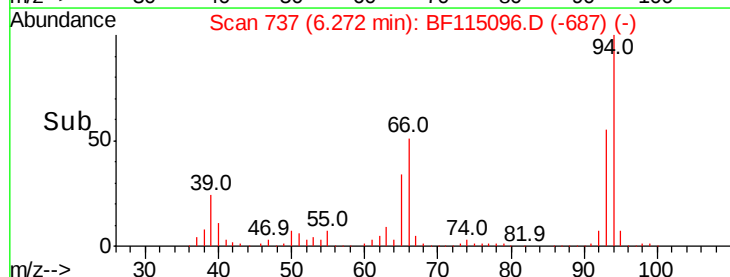
65 61.5 15.6 23.4#

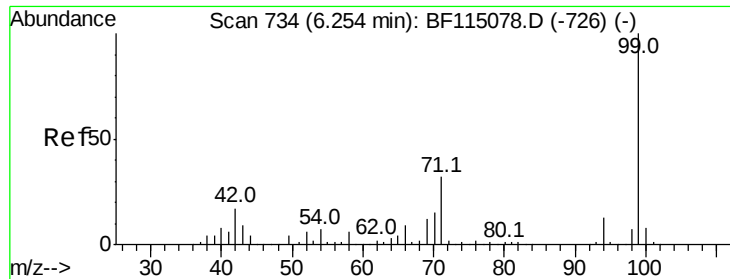


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 110.111 ng

RT: 6.26 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF115096.D

Acq: 21 Jun 2019 23:37

Instrument :

BNA_F

ClientSampleId :

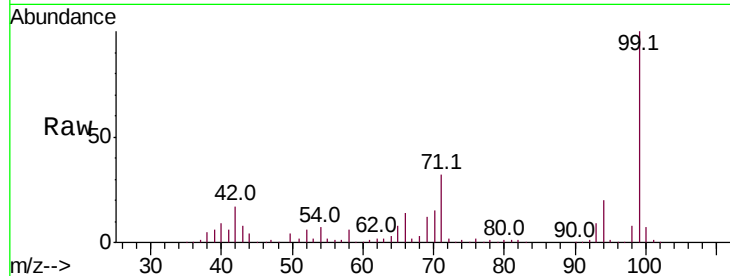
Tot Ion: 99 Resp: 2081695

Ion Ratio Lower Upper

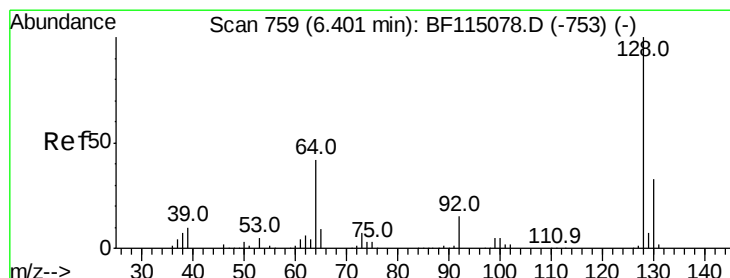
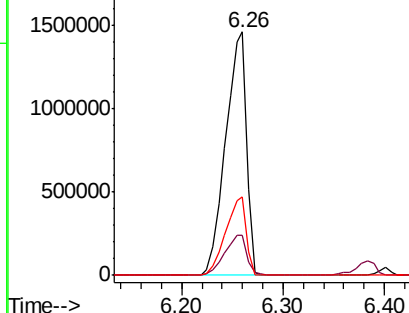
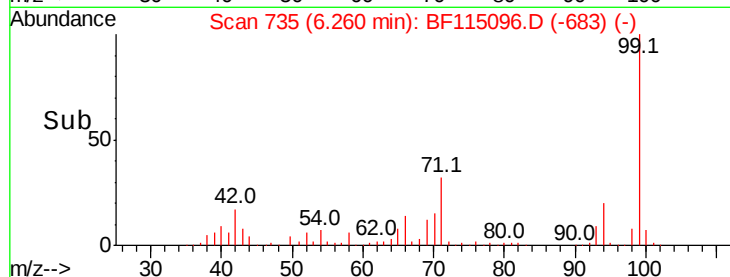
99 100

42 16.6 13.6 20.4

71 32.0 25.5 38.3



Abundance Ion 99.00 (98.70 to 99.70): BF1
2000000
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.417 ng

RT: 6.40 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF115096.D

Acq: 21 Jun 2019 23:37

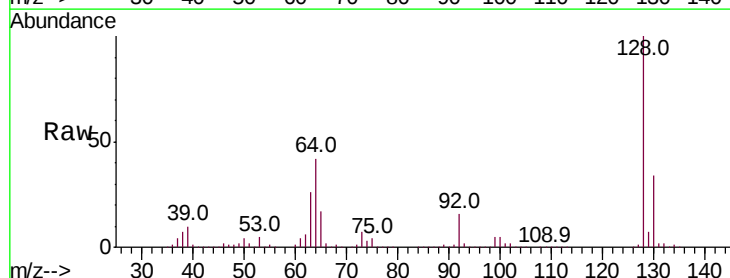
Tgt Ion:128 Resp: 742900

Ion Ratio Lower Upper

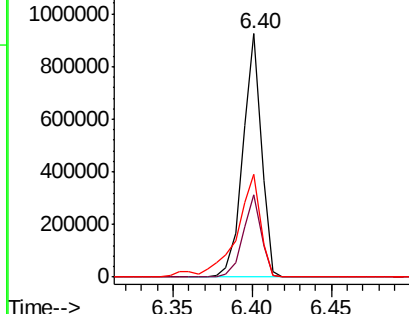
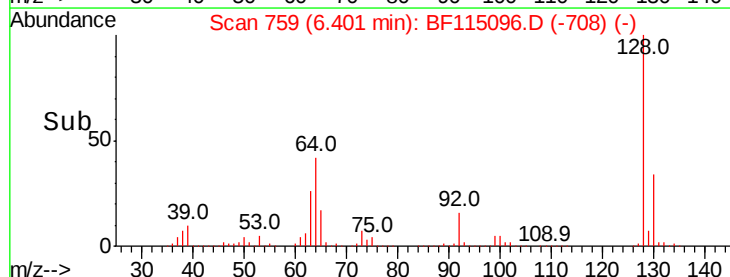
128 100

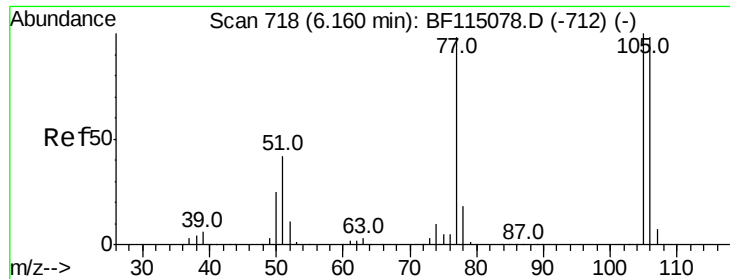
130 33.8 12.9 52.9

64 42.1 22.9 62.9



Abundance Ion 128.00 (127.70 to 128.70): E
1200000
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 9.346 ng

RT: 6.15 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF115096.D

Acq: 21 Jun 2019 23:37

Instrument :

BNA_F

ClientSampleId :

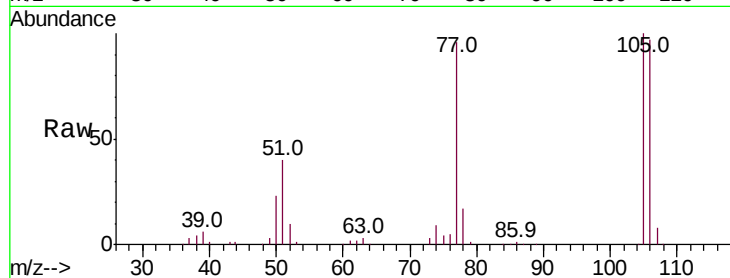
Tot Ion: 77 Resp: 115271

Ion Ratio Lower Upper

77 100

105 103.9 81.5 121.5

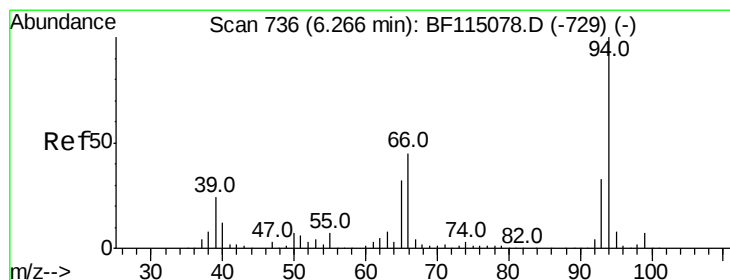
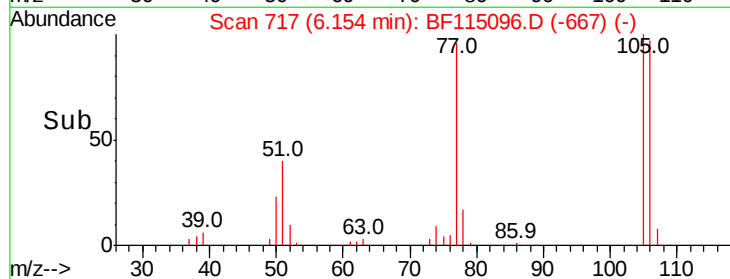
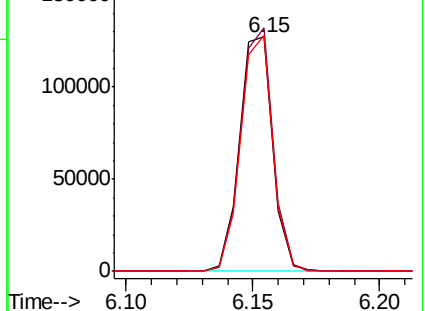
106 100.6 79.7 119.7



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 39.326 ng

RT: 6.27 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF115096.D

Acq: 21 Jun 2019 23:37

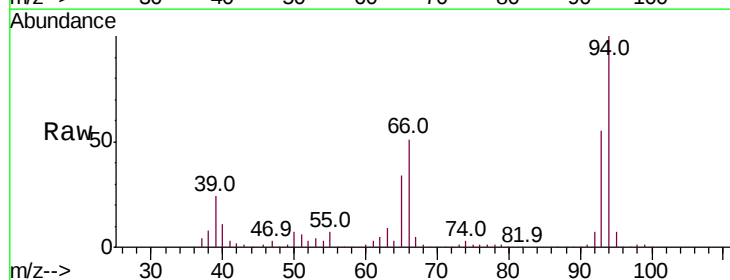
Tgt Ion: 94 Resp: 870883

Ion Ratio Lower Upper

94 100

65 34.0 11.9 51.9

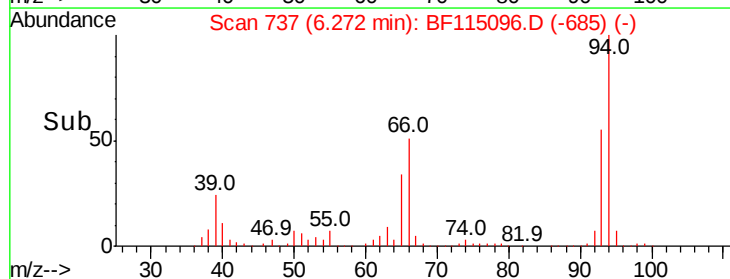
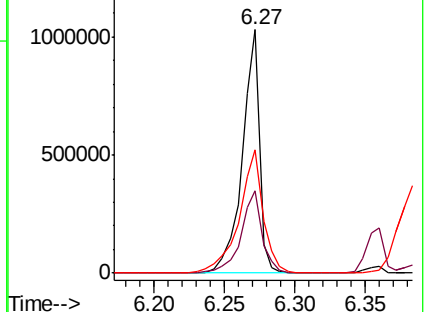
66 50.6 25.2 65.2

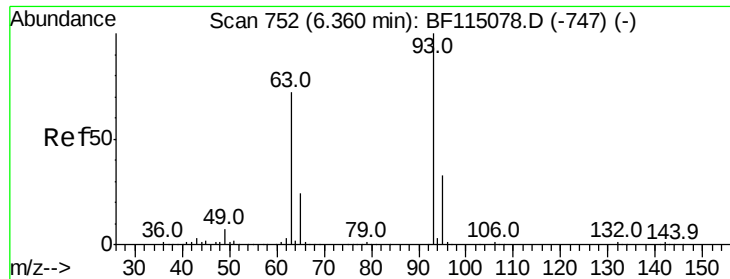


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

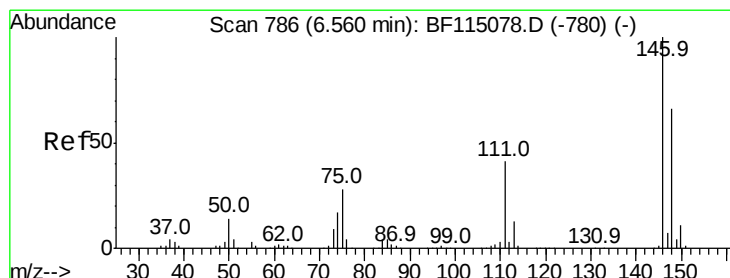
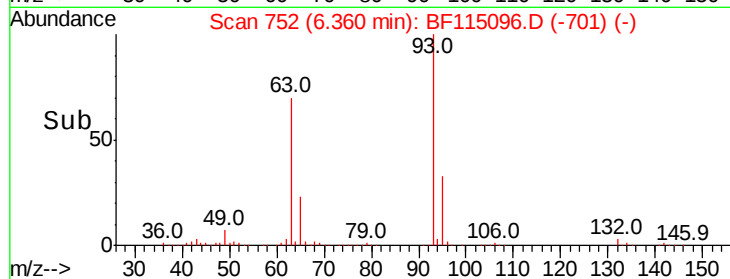
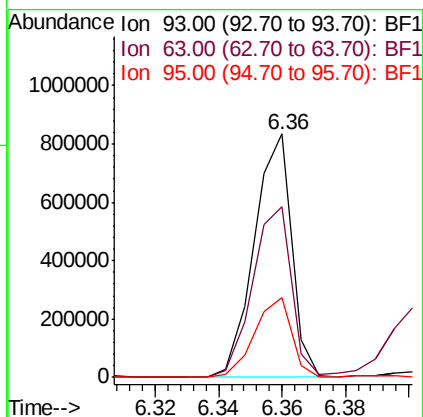
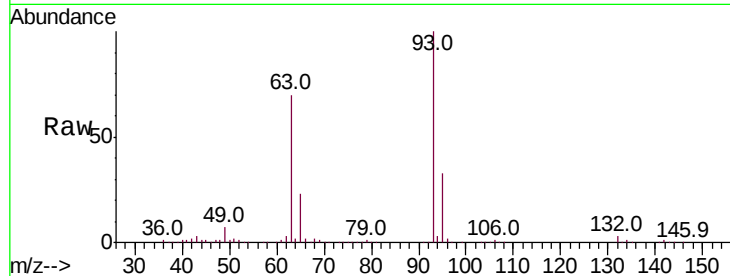




#11
bis(2-Chloroethyl)ether
Concen: 41.697 ng
RT: 6.36 min Scan# 752
Delta R.T. -0.00 min
Lab File: BF115096.D
Acq: 21 Jun 2019 23:37

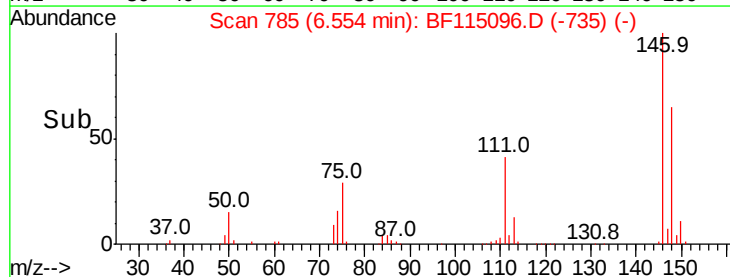
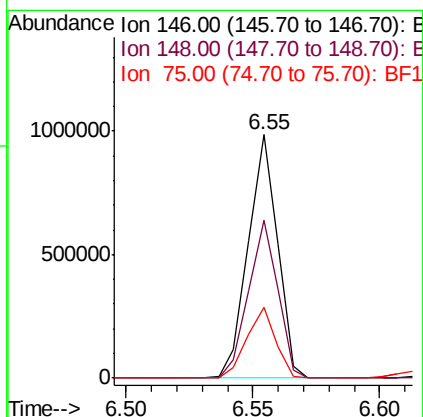
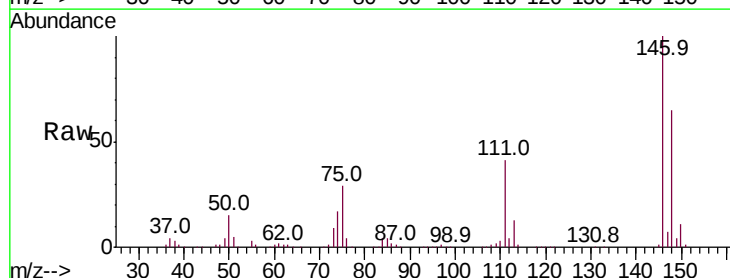
Instrument :
BNA_F
ClientSampleId :

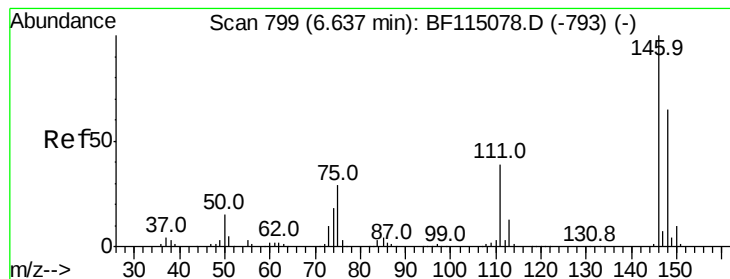
Tot Ion: 93 Resp: 680671
Ion Ratio Lower Upper
93 100
63 70.0 51.5 91.5
95 32.9 13.4 53.4



#12
1,3-Dichlorobenzene
Concen: 41.001 ng
RT: 6.55 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF115096.D
Acq: 21 Jun 2019 23:37

Tgt Ion: 146 Resp: 796962
Ion Ratio Lower Upper
146 100
148 64.6 52.6 78.8
75 29.1 22.6 34.0





#13

1,4-Dichlorobenzene

Concen: 41.208 ng

RT: 6.63 min Scan# 798

Delta R.T. -0.01 min

Lab File: BF115096.D

Acq: 21 Jun 2019 23:37

Instrument :

BNA_F

ClientSampleId :

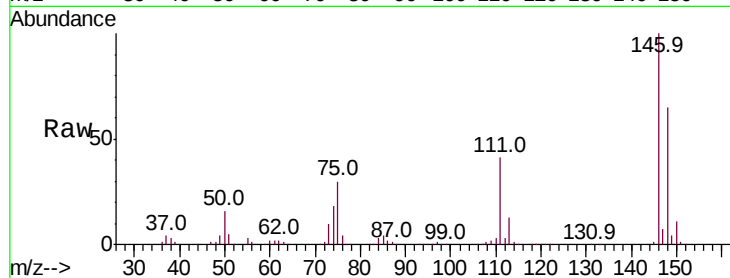
Tot Ion:146 Resp: 803214

Ion Ratio Lower Upper

146 100

148 64.6 51.9 77.9

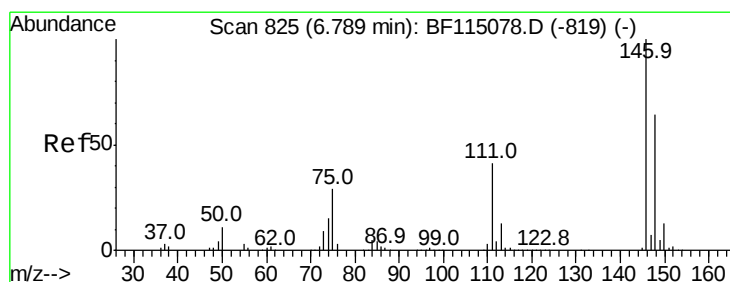
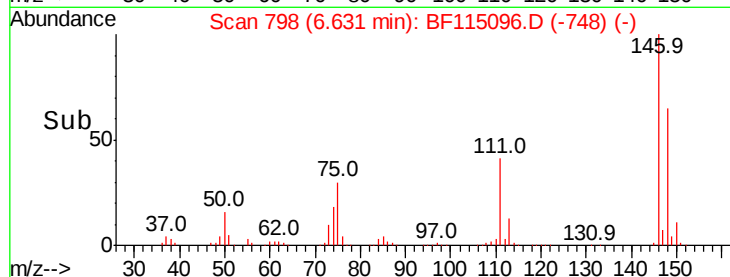
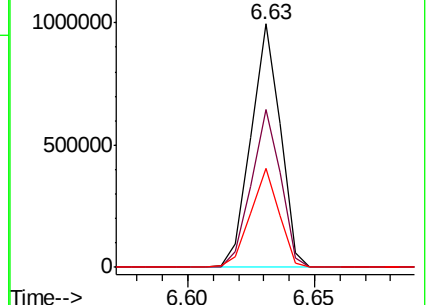
111 40.9 31.4 47.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.335 ng

RT: 6.78 min Scan# 824

Delta R.T. -0.01 min

Lab File: BF115096.D

Acq: 21 Jun 2019 23:37

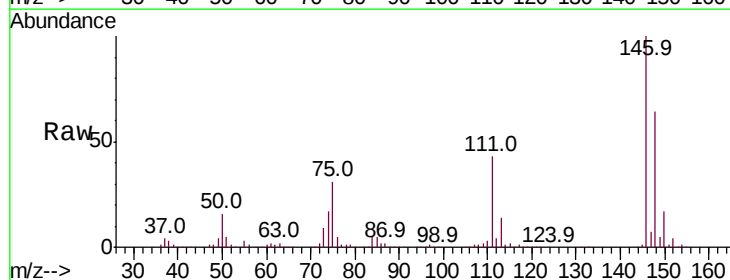
Tgt Ion:146 Resp: 746121

Ion Ratio Lower Upper

146 100

148 64.4 51.1 76.7

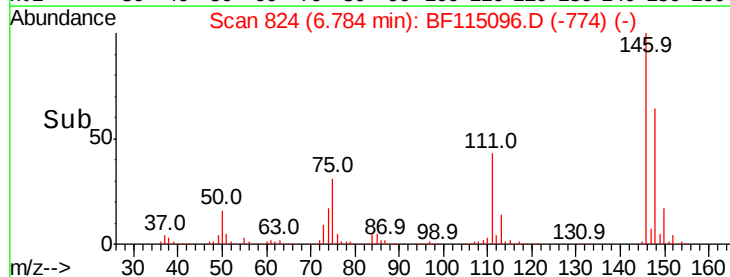
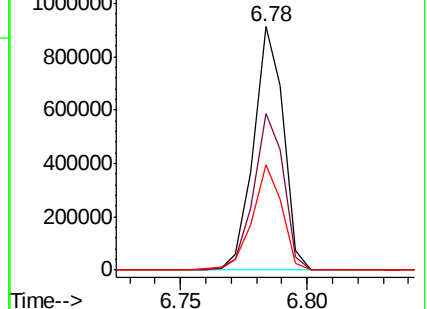
111 43.3 33.2 49.8

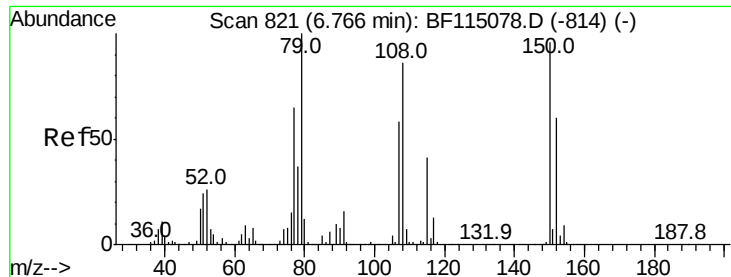


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.604 ng

RT: 6.76 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF115096.D

Acq: 21 Jun 2019 23:37

Instrument :

BNA_F

ClientSampled :

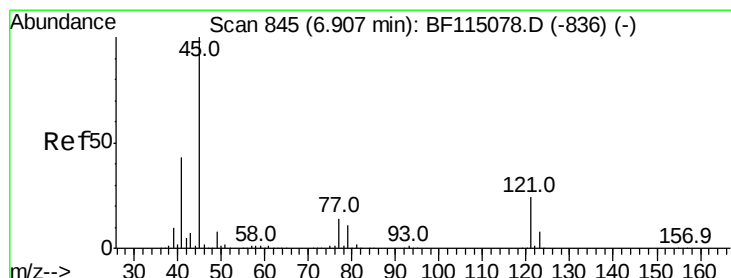
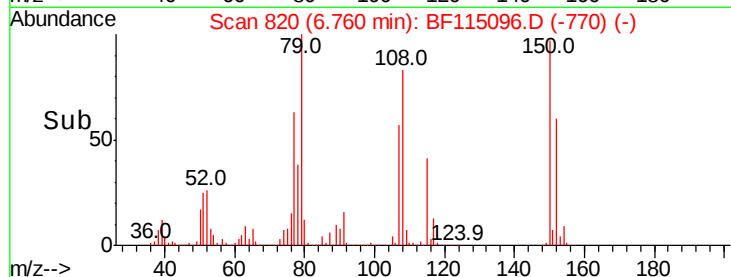
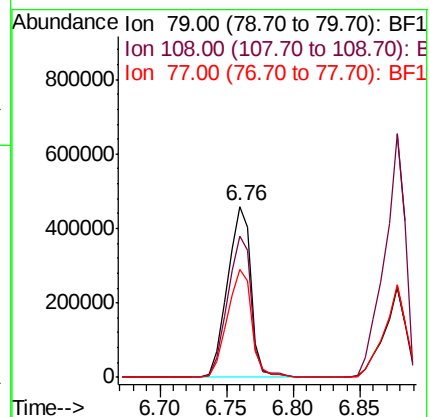
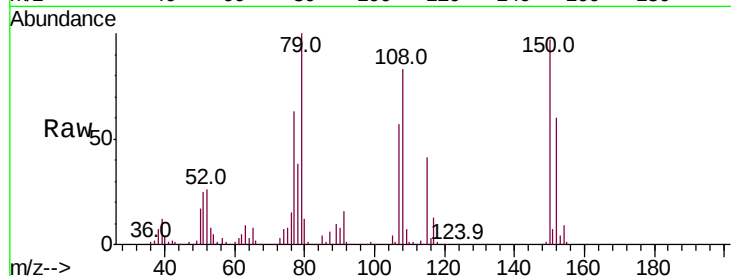
Tot Ion: 79 Resp: 572731

Ion Ratio Lower Upper

79 100

108 82.8 68.7 103.1

77 63.5 51.7 77.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.439 ng

RT: 6.90 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF115096.D

Acq: 21 Jun 2019 23:37

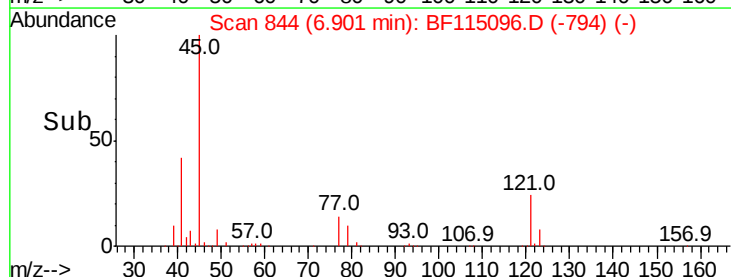
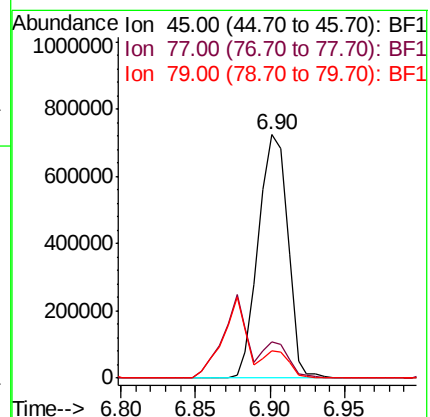
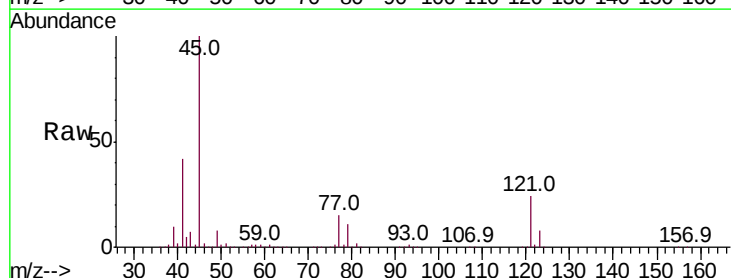
Tgt Ion: 45 Resp: 981112

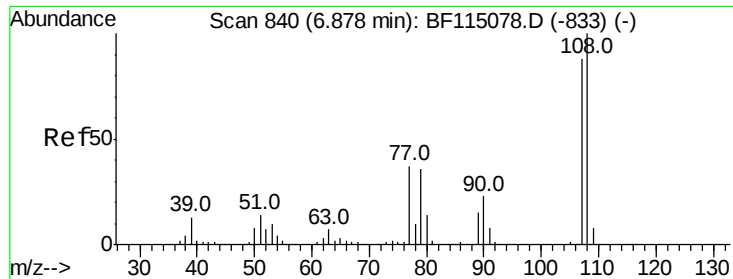
Ion Ratio Lower Upper

45 100

77 14.7 0.0 34.6

79 11.0 0.0 31.2

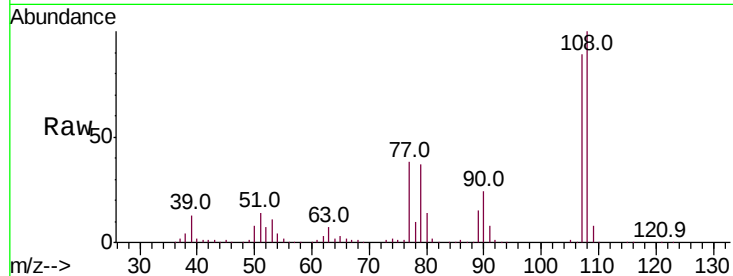




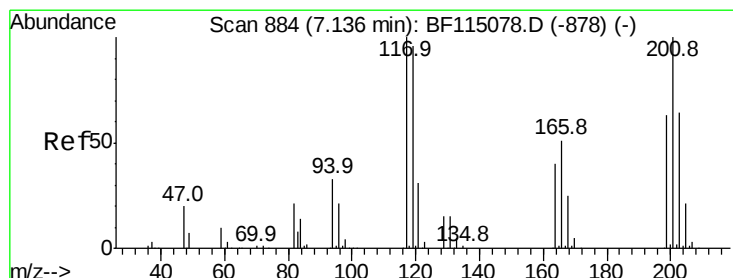
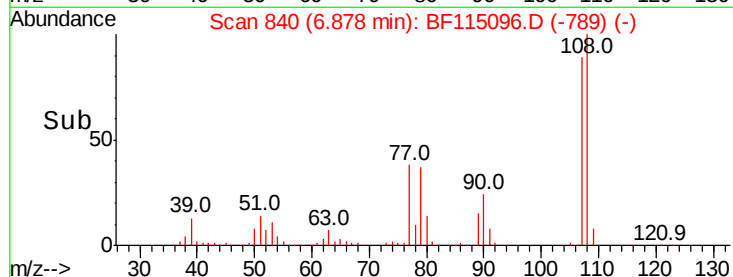
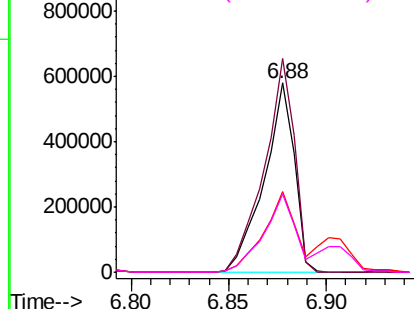
#17
2-Methylphenol
Concen: 42.868 ng
RT: 6.88 min Scan# 840
Delta R.T. -0.00 min
Lab File: BF115096.D
Acq: 21 Jun 2019 23:37

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 619737
Ion Ratio Lower Upper
107 100
108 113.0 90.9 136.3
77 42.9 33.4 50.2
79 41.5 32.3 48.5

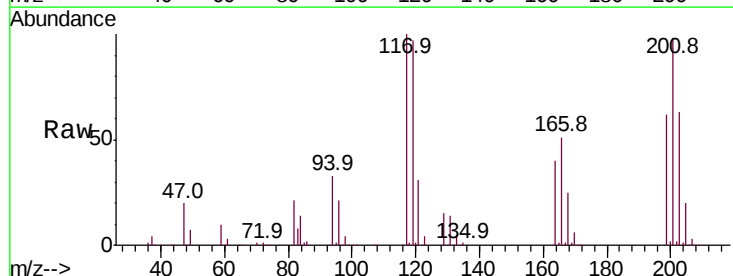


Abundance Ion 107.00 (106.70 to 107.70): E
1000000 Ion 108.00 (107.70 to 108.70): E
800000 Ion 77.00 (76.70 to 77.70): BF1
600000 Ion 79.00 (78.70 to 79.70): BF1
400000
200000
0

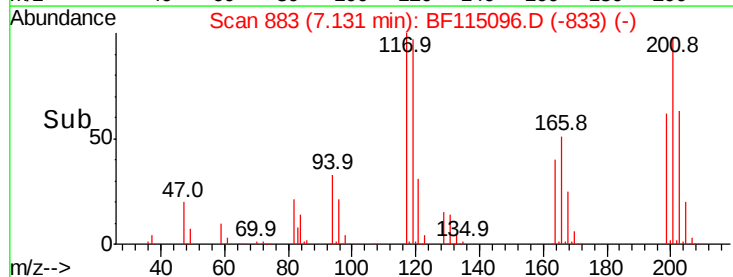
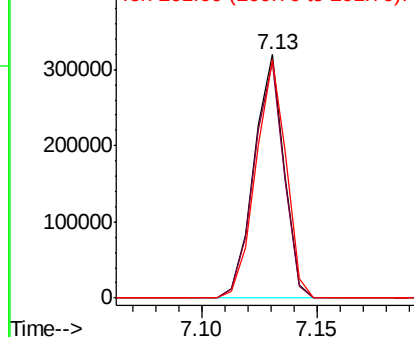


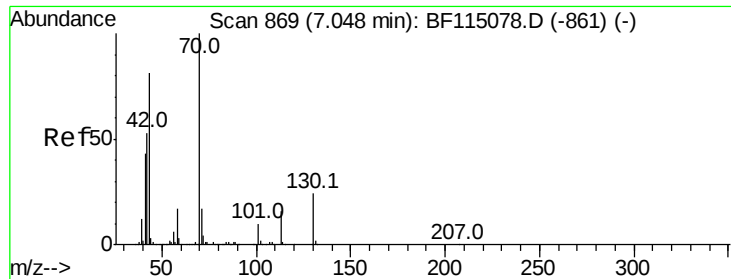
#18
Hexachloroethane
Concen: 41.155 ng
RT: 7.13 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF115096.D
Acq: 21 Jun 2019 23:37

Tgt Ion:117 Resp: 289201
Ion Ratio Lower Upper
117 100
119 96.9 76.6 114.8
201 98.2 80.2 120.2



Abundance Ion 117.00 (116.70 to 117.70): E
400000 Ion 119.00 (118.70 to 119.70): E
300000 Ion 201.00 (200.70 to 201.70): E
200000
100000
0





#19

n-Nitroso-di-n-propylamine

Concen: 40.158 ng

RT: 7.04 min Scan# 868

Delta R.T. -0.01 min

Lab File: BF115096.D

Acq: 21 Jun 2019 23:37

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 486048

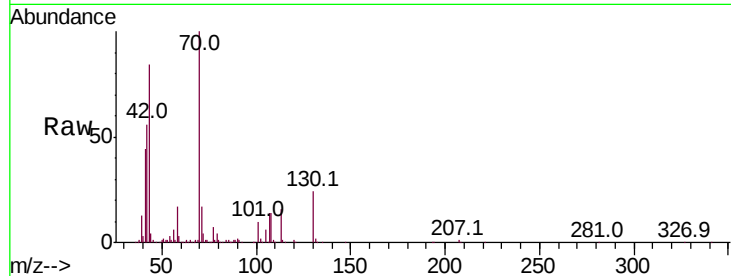
Ion Ratio Lower Upper

70 100

42 55.7 42.6 63.8

101 10.0 8.0 12.0

130 23.9 19.4 29.0

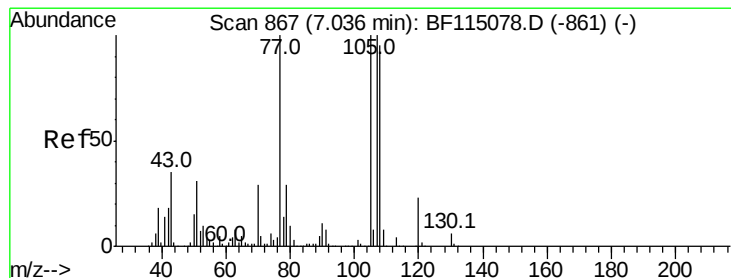
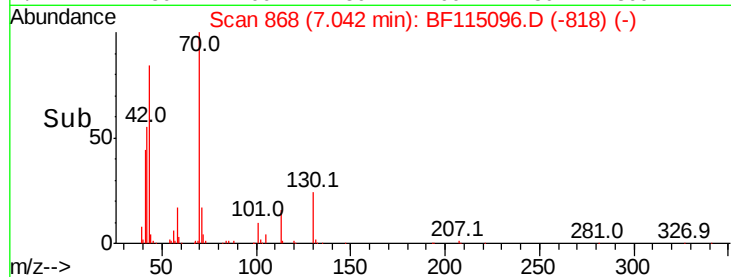
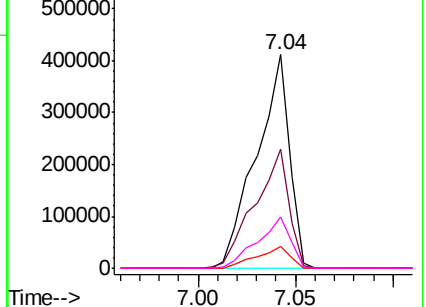


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 42.584 ng

RT: 7.03 min Scan# 866

Delta R.T. -0.01 min

Lab File: BF115096.D

Acq: 21 Jun 2019 23:37

Tgt Ion:107 Resp: 710854

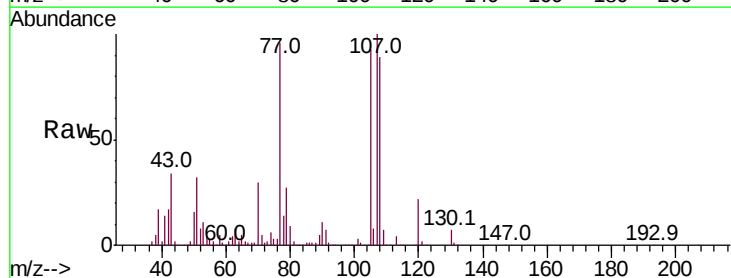
Ion Ratio Lower Upper

107 100

108 89.2 75.5 115.5

77 96.0 80.2 120.2

79 26.8 9.5 49.5

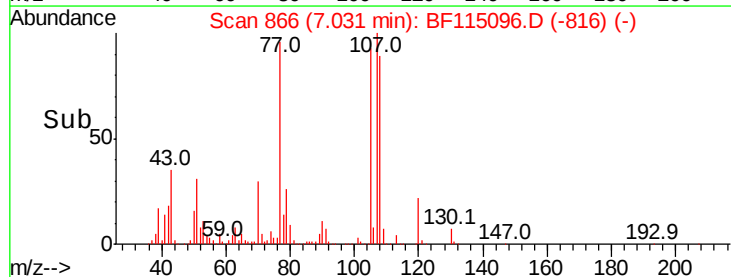
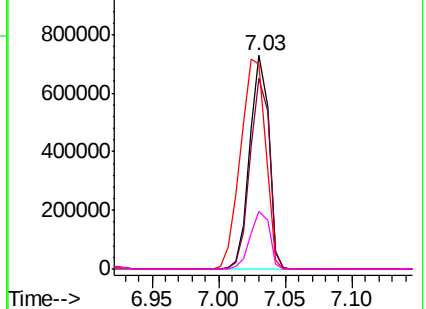


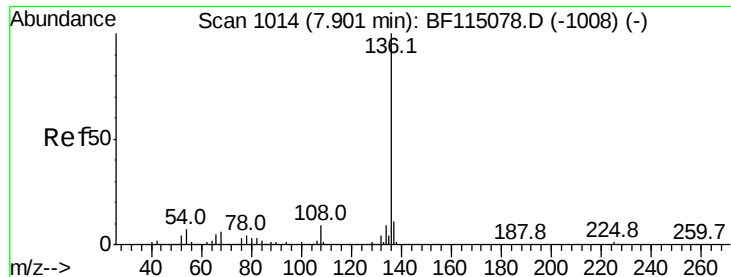
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.90 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF115096.D

Acq: 21 Jun 2019 23:37

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 951630

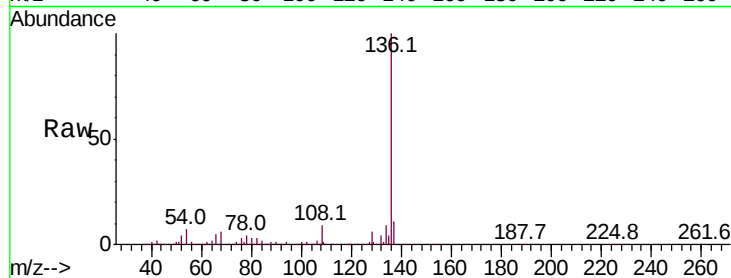
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 7.2 5.6 8.4

68 6.2 4.8 7.2

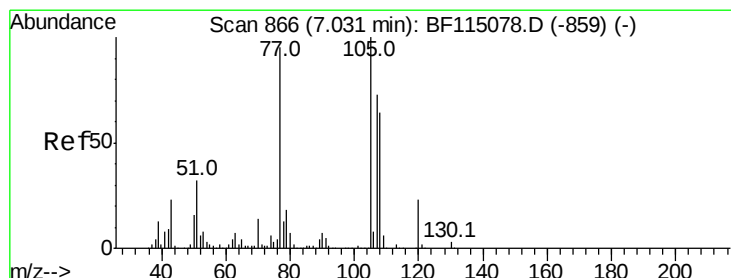
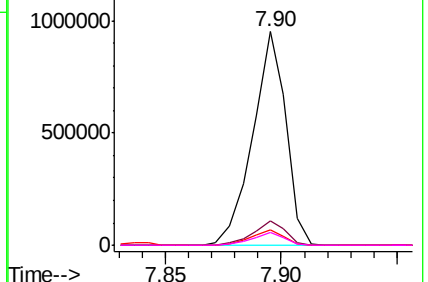
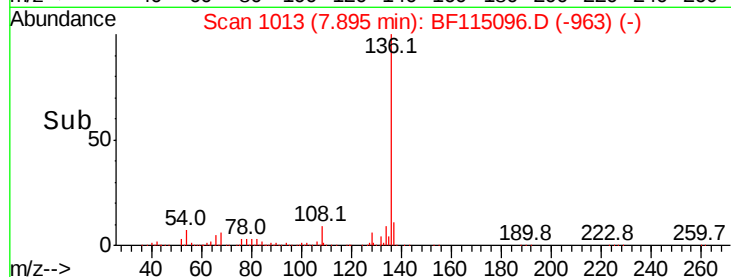


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 44.569 ng

RT: 7.02 min Scan# 865

Delta R.T. -0.01 min

Lab File: BF115096.D

Acq: 21 Jun 2019 23:37

Tgt Ion:105 Resp: 970981

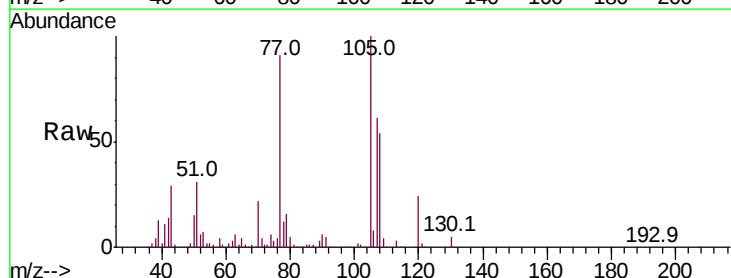
Ion Ratio Lower Upper

105 100

71 3.8 1.9 2.9#

51 31.2 25.8 38.8

120 23.9 18.5 27.7

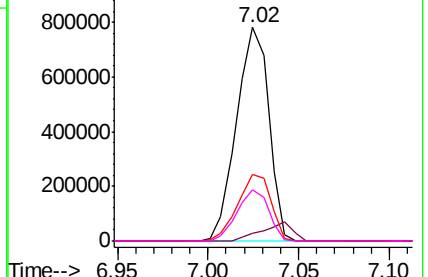
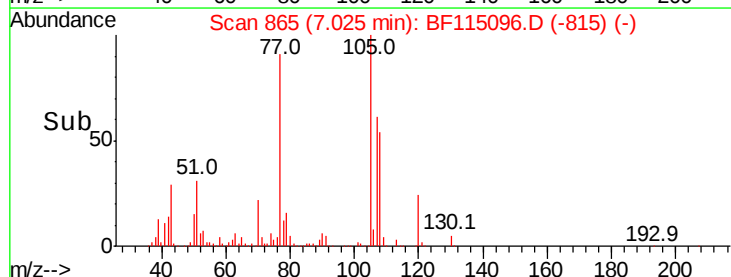


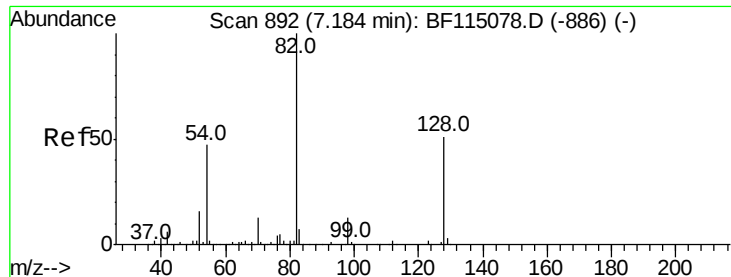
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

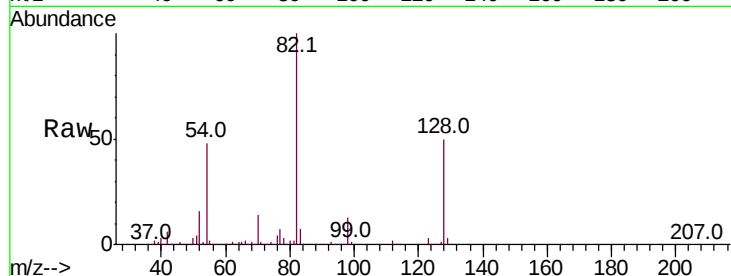




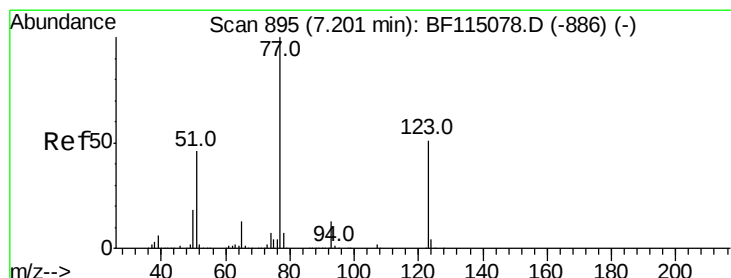
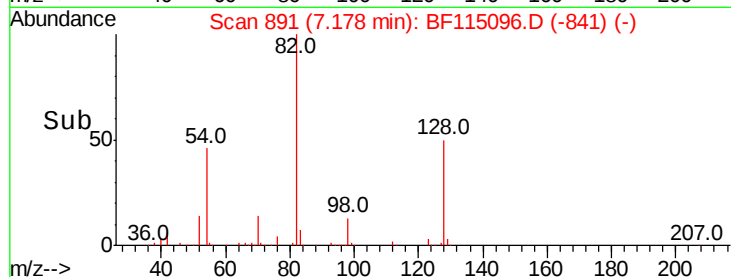
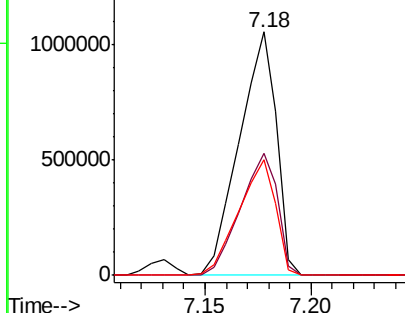
#23
 Nitrobenzene-d5
 Concen: 83.169 ng
 RT: 7.18 min Scan# 891
 Delta R.T. -0.01 min
 Lab File: BF115096.D
 Acq: 21 Jun 2019 23:37

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 1286600
 Ion Ratio Lower Upper
 82 100
 128 50.1 40.4 60.6
 54 47.7 37.5 56.3

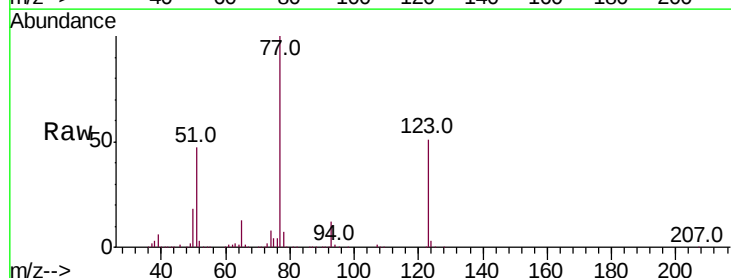


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

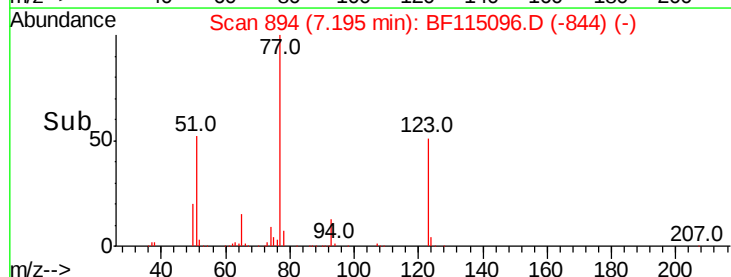
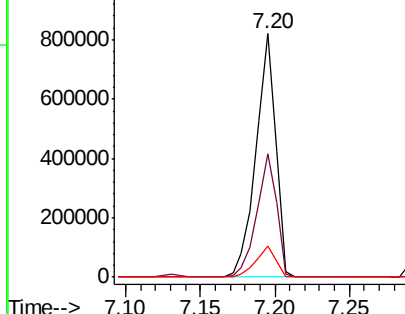


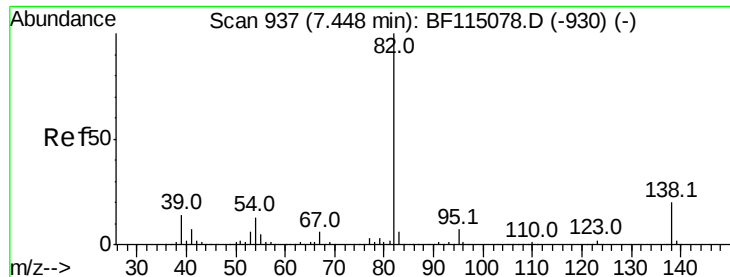
#24
 Nitrobenzene
 Concen: 43.791 ng
 RT: 7.20 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF115096.D
 Acq: 21 Jun 2019 23:37

Tgt Ion: 77 Resp: 746312
 Ion Ratio Lower Upper
 77 100
 123 50.9 41.0 61.6
 65 13.0 10.5 15.7



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 43.963 ng

RT: 7.44 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF115096.D

Acq: 21 Jun 2019 23:37

Instrument :

BNA_F

ClientSampleId :

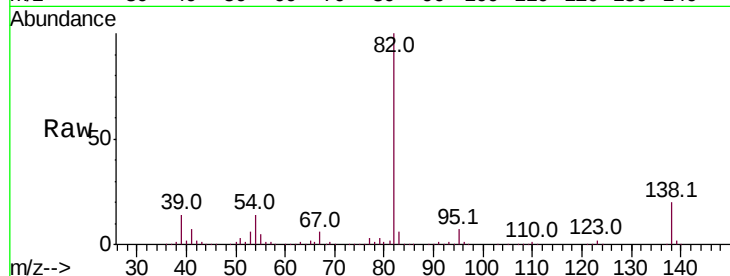
Tot Ion: 82 Resp: 1393219

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.2

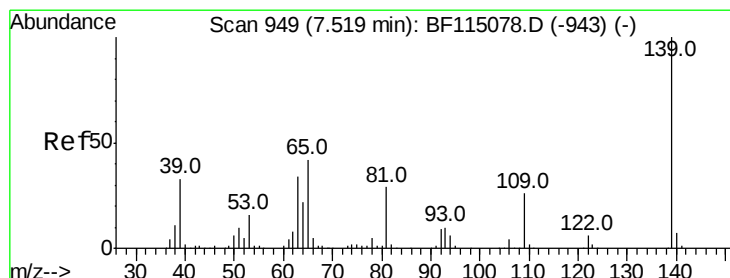
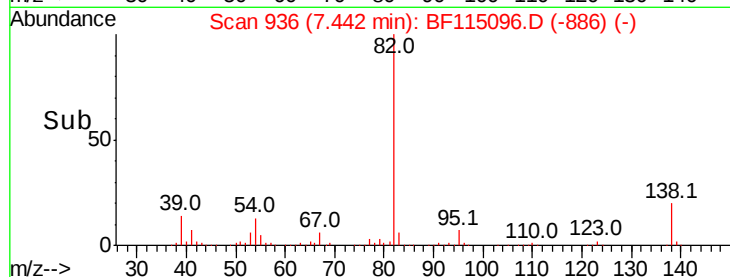
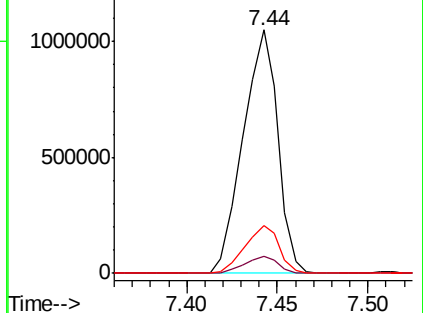
138 19.9 15.9 23.9



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 47.085 ng

RT: 7.51 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF115096.D

Acq: 21 Jun 2019 23:37

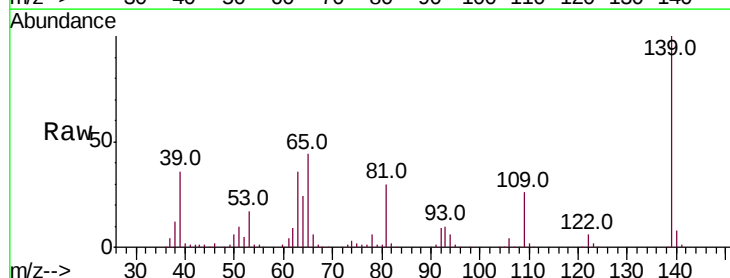
Tgt Ion: 139 Resp: 396286

Ion Ratio Lower Upper

139 100

109 26.1 20.4 30.6

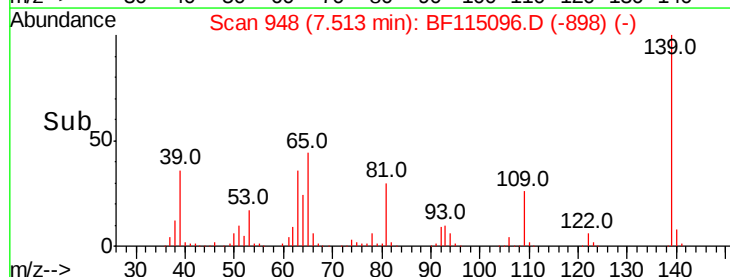
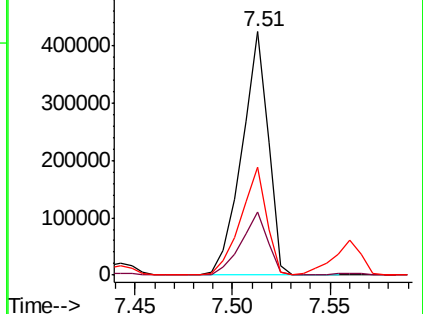
65 44.4 33.6 50.4

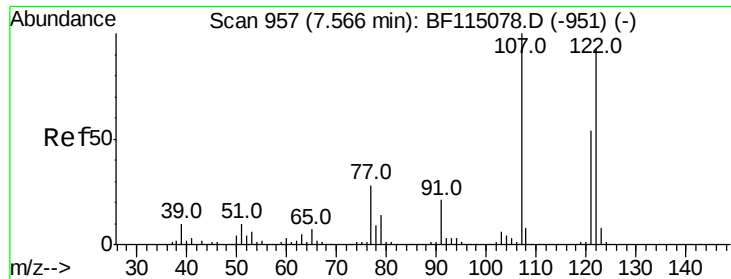


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

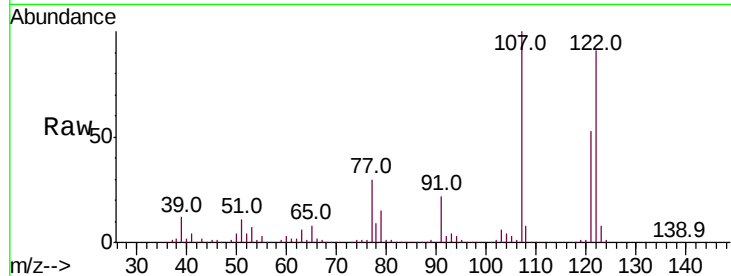




#27
 2,4-Dimethylphenol
 Concen: 50.758 ng
 RT: 7.56 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: BF115096.D
 Acq: 21 Jun 2019 23:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	109.5	85.8	128.6
121	58.3	46.3	69.5

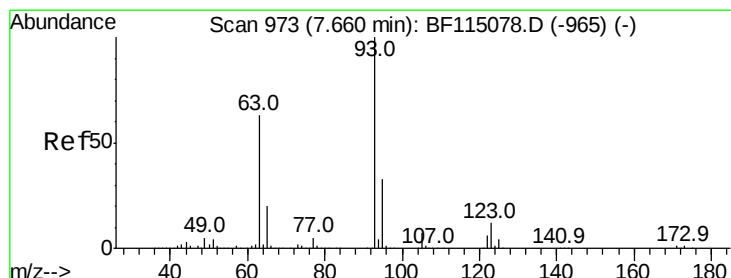
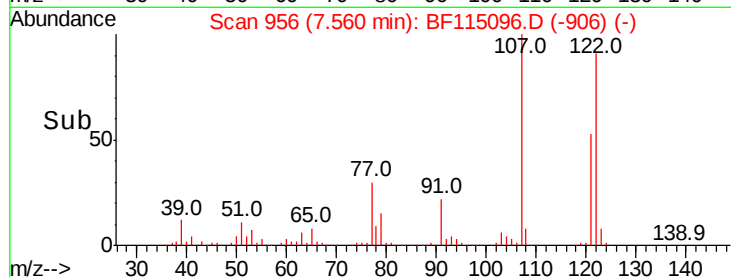
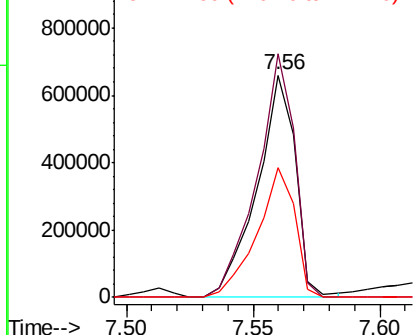


Abundance

Ion 122.00 (121.70 to 122.70): E

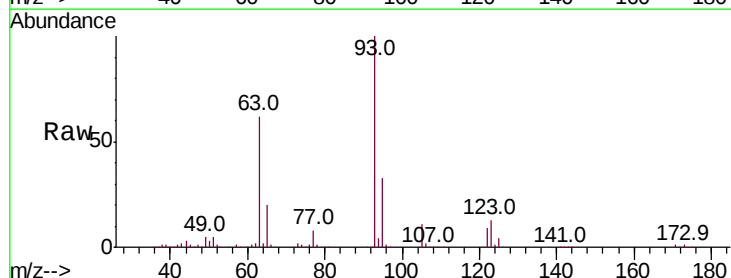
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.765 ng
 RT: 7.66 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: BF115096.D
 Acq: 21 Jun 2019 23:37

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.2	39.4
123	12.9	9.7	14.5

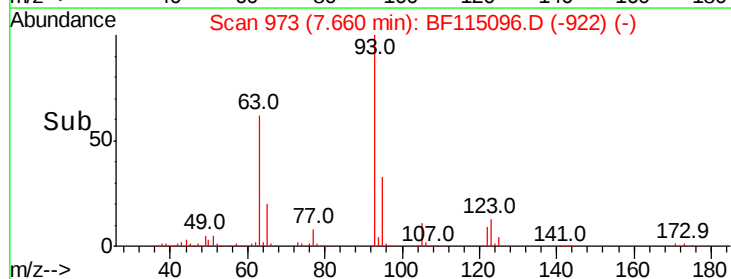
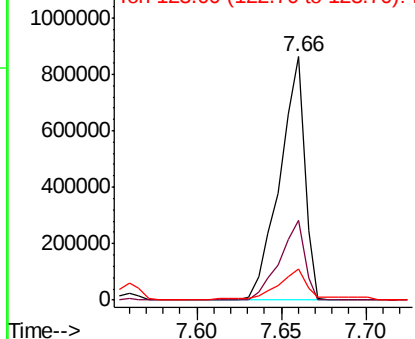


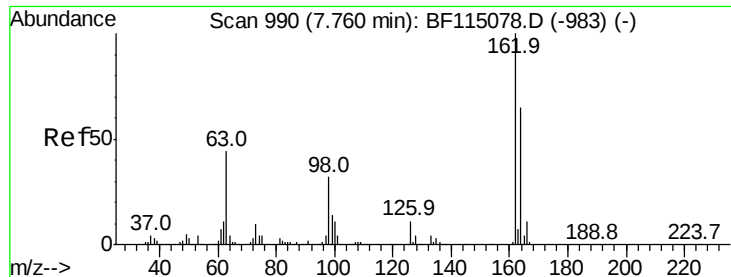
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

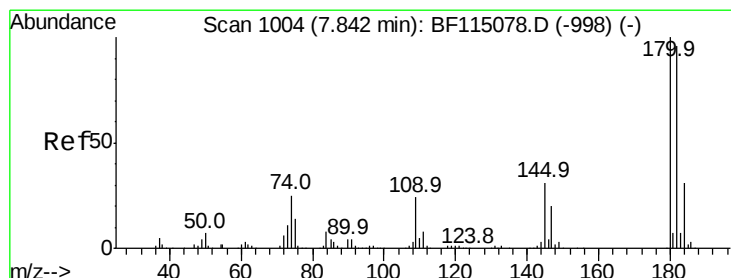
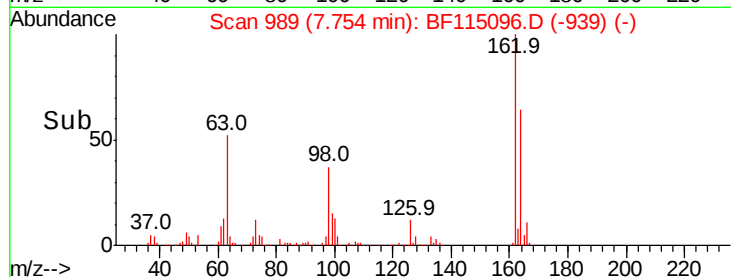
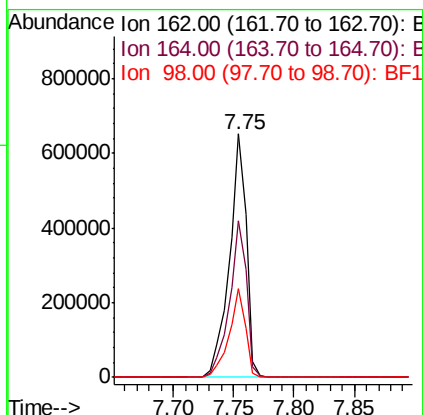
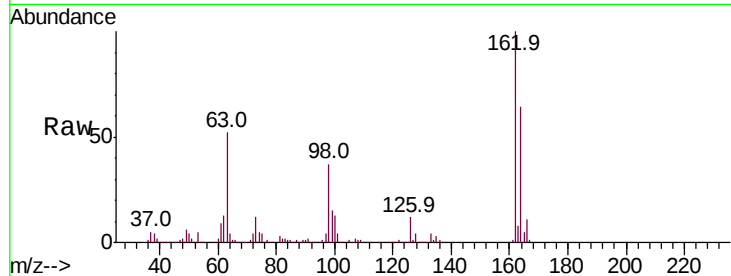




#29
 2,4-Dichlorophenol
 Concen: 44.917 ng
 RT: 7.75 min Scan# 989
 Delta R.T. -0.01 min
 Lab File: BF115096.D
 Acq: 21 Jun 2019 23:37

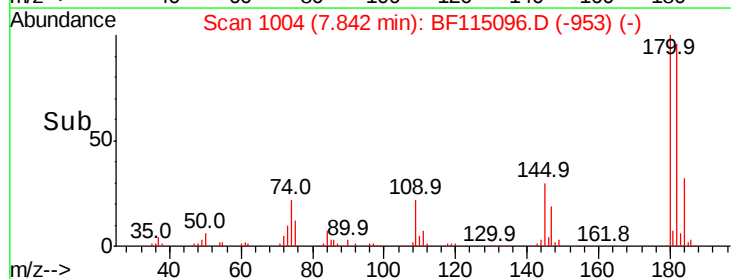
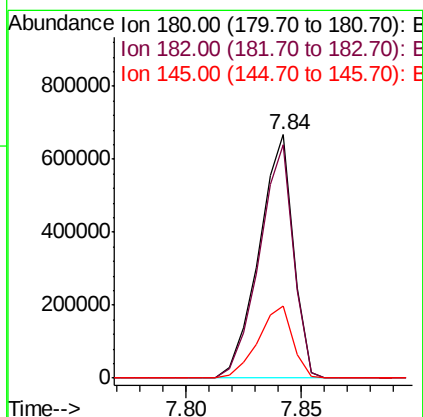
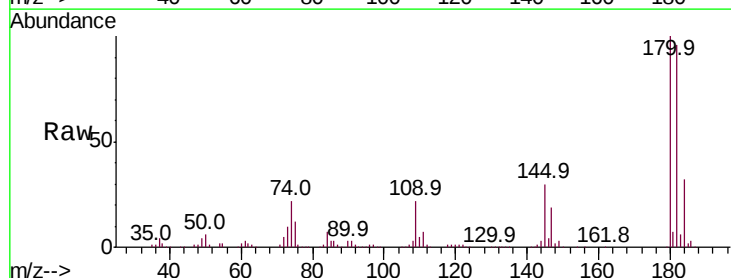
Instrument :
 BNA_F
 ClientSampleId :

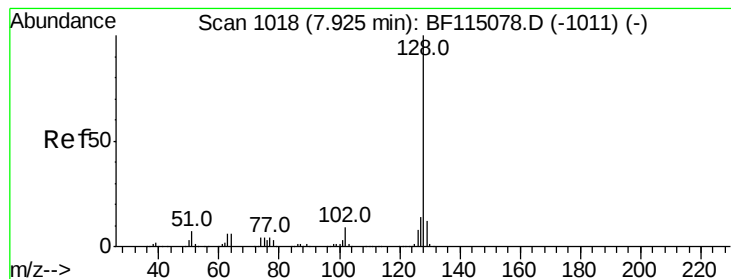
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	45.3	85.3
98	36.6	12.5	52.5



#30
 1,2,4-Trichlorobenzene
 Concen: 43.988 ng
 RT: 7.84 min Scan# 1004
 Delta R.T. -0.00 min
 Lab File: BF115096.D
 Acq: 21 Jun 2019 23:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	76.4	114.6
145	29.6	24.8	37.2





#31

Naphthalene

Concen: 45.003 ng

RT: 7.92 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF115096.D

Acq: 21 Jun 2019 23:37

Instrument :

BNA_F

ClientSampled :

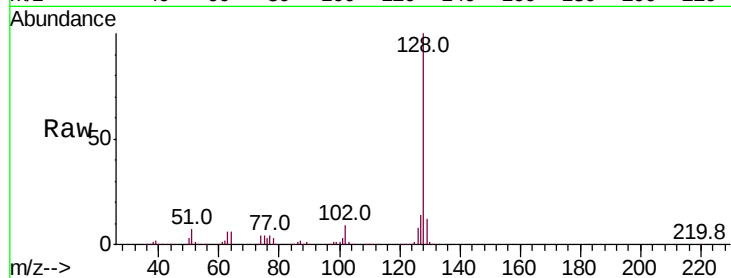
Tot Ion:128 Resp: 2102248

Ion Ratio Lower Upper

128 100

129 12.1 9.6 14.4

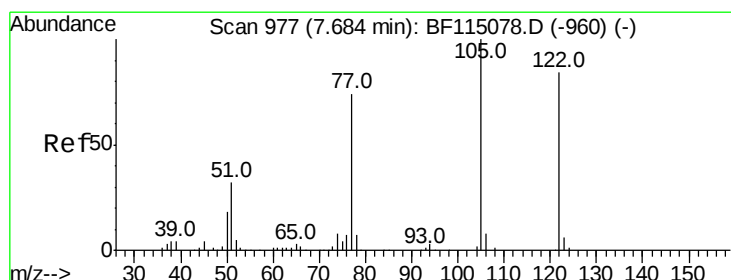
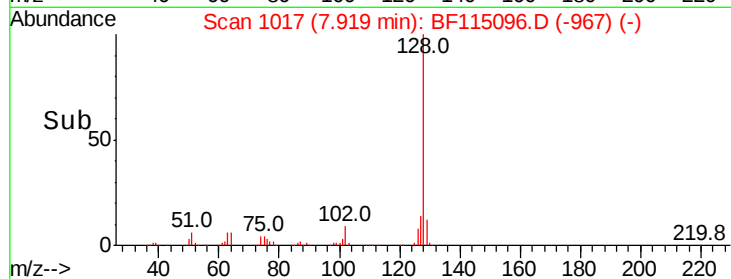
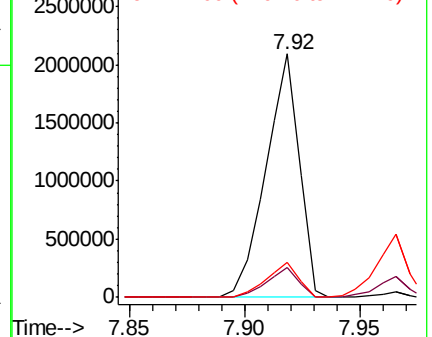
127 14.1 11.4 17.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 53.652 ng

RT: 7.70 min Scan# 979

Delta R.T. 0.01 min

Lab File: BF115096.D

Acq: 21 Jun 2019 23:37

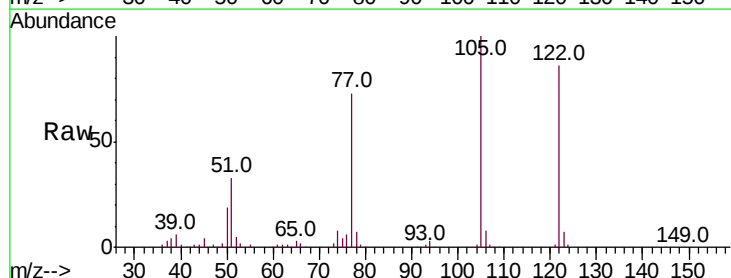
Tgt Ion:122 Resp: 527750

Ion Ratio Lower Upper

122 100

105 116.0 98.2 138.2

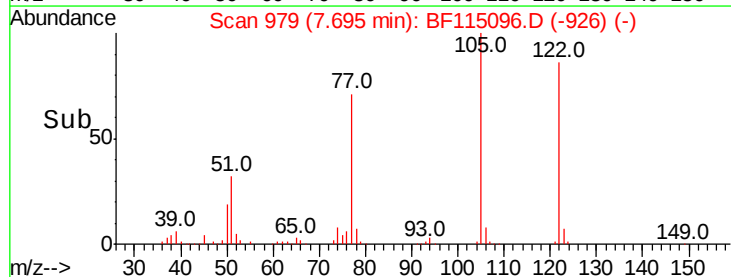
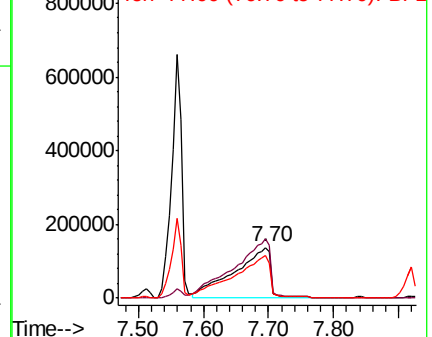
77 84.5 67.0 107.0

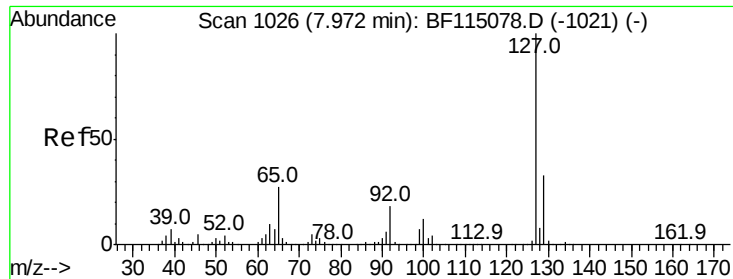


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

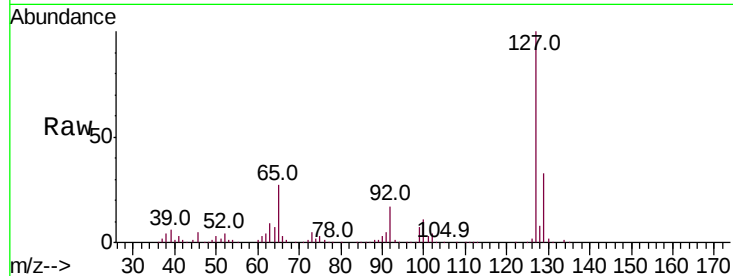




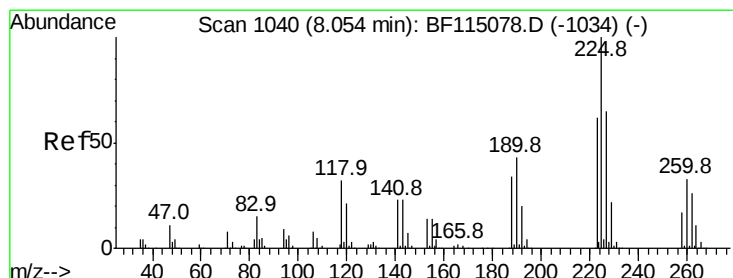
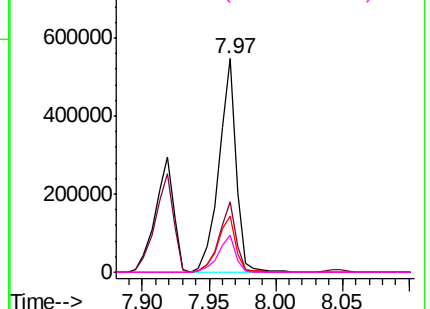
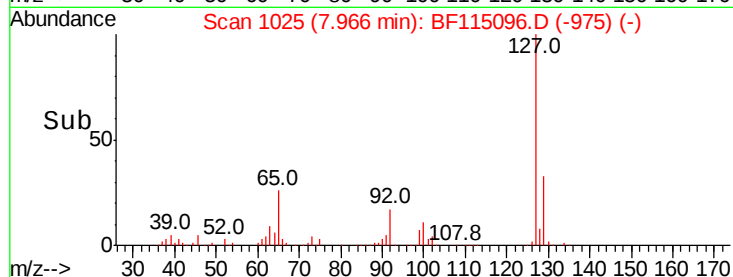
#33
4-Chloroaniline
Concen: 23.414 ng
RT: 7.97 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF115096.D
Acq: 21 Jun 2019 23:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	499863
Ion Ratio	Lower	Upper
127	100	
129	32.7	26.1 39.1
65	26.6	21.4 32.2
92	17.4	14.1 21.1

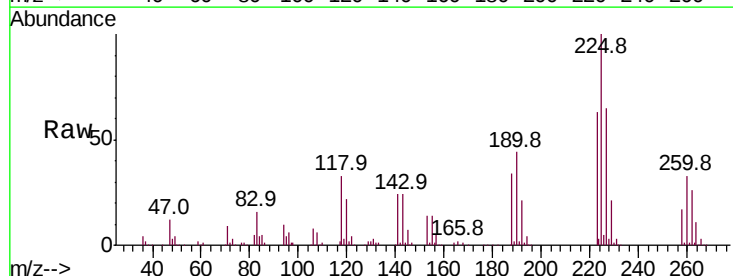


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

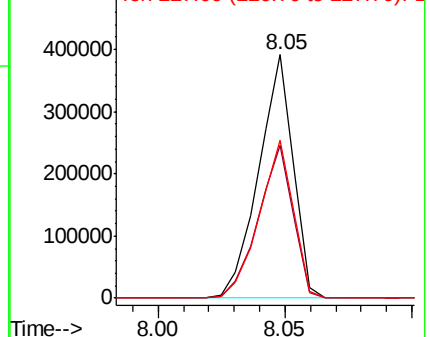
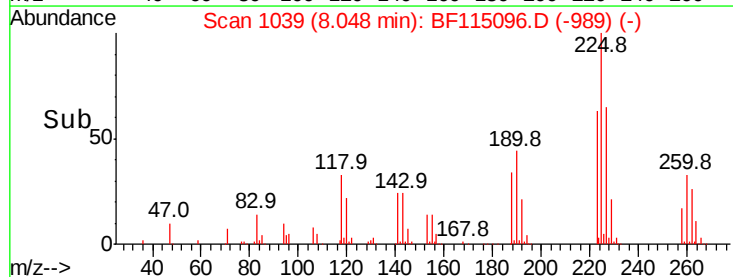


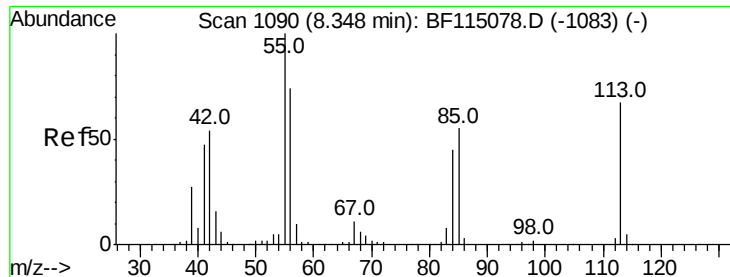
#34
Hexachlorobutadiene
Concen: 43.029 ng
RT: 8.05 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF115096.D
Acq: 21 Jun 2019 23:37

Tgt Ion:225	Resp:	370406
Ion Ratio	Lower	Upper
225	100	
223	62.5	49.4 74.2
227	64.6	51.8 77.8



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





#35

Caprolactam

Concen: 23.055 ng

RT: 8.34 min Scan# 1088

Delta R.T. -0.01 min

Lab File: BF115096.D

Acq: 21 Jun 2019 23:37

Instrument :

BNA_F

ClientSampleId :

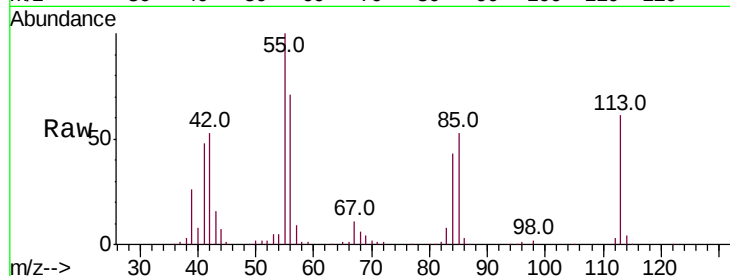
Tot Ion:113 Resp: 110233

Ion Ratio Lower Upper

113 100

55 163.9 130.2 170.2

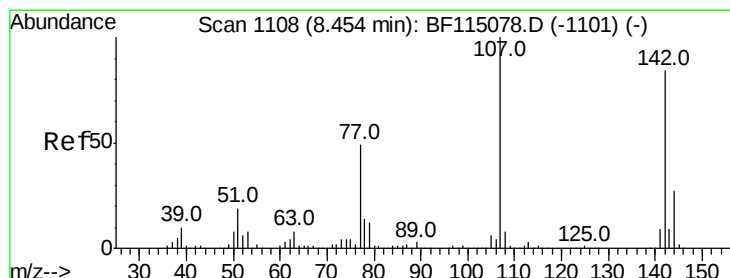
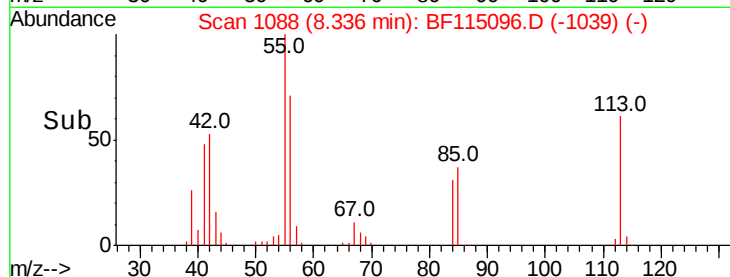
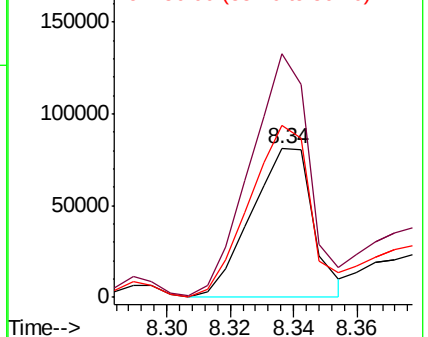
56 115.8 91.6 131.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 44.911 ng

RT: 8.46 min Scan# 1109

Delta R.T. 0.01 min

Lab File: BF115096.D

Acq: 21 Jun 2019 23:37

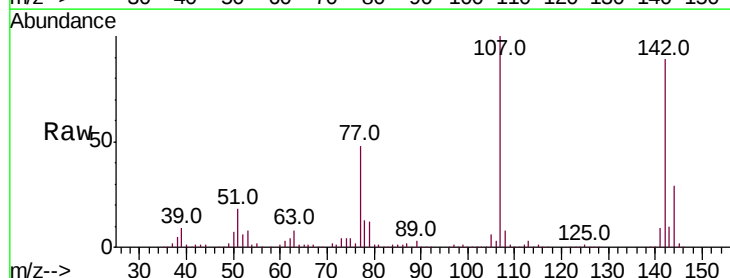
Tgt Ion:107 Resp: 646812

Ion Ratio Lower Upper

107 100

144 29.2 21.7 32.5

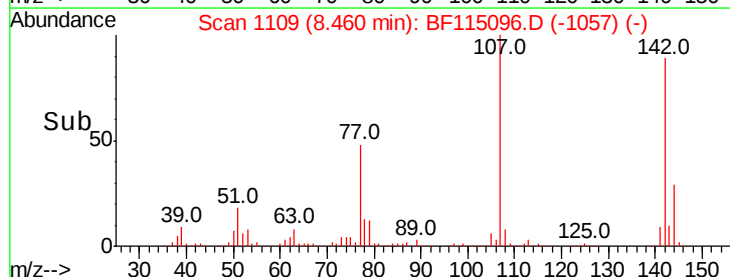
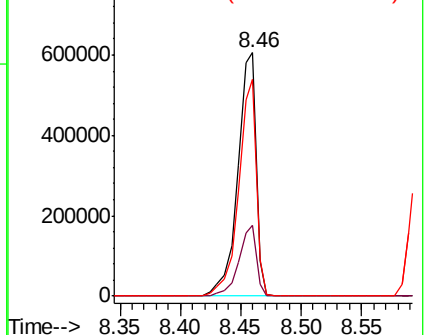
142 89.2 67.0 100.4

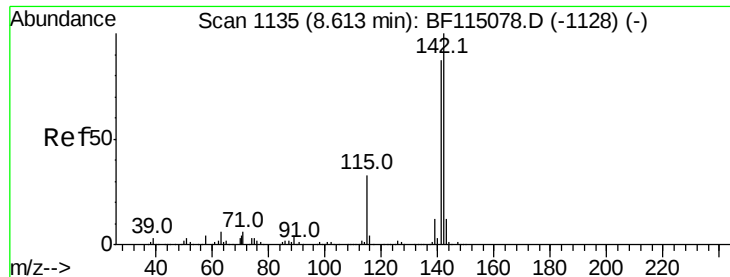


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

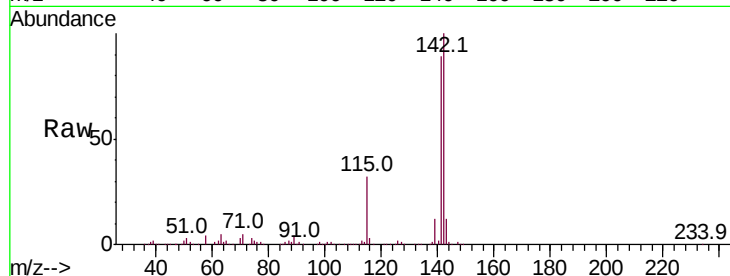




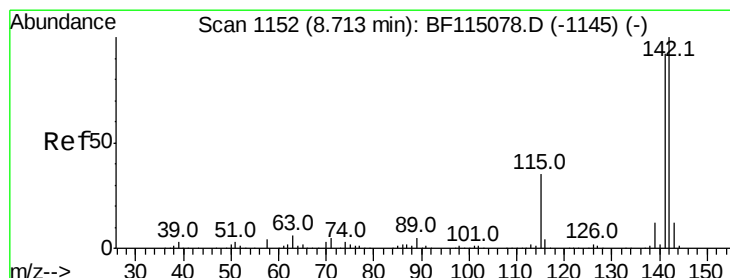
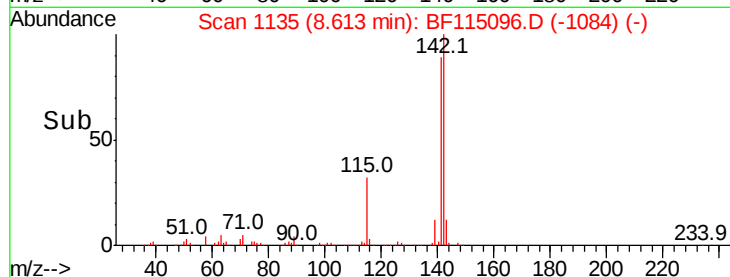
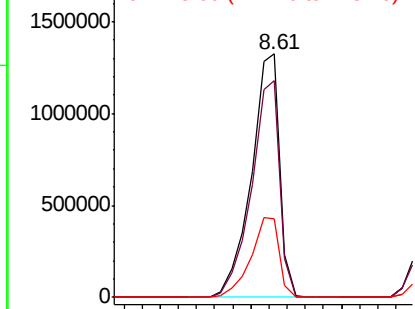
#37
2-Methylnaphthalene
Concen: 45.693 ng
RT: 8.61 min Scan# 1135
Delta R.T. -0.00 min
Lab File: BF115096.D
Acq: 21 Jun 2019 23:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 1439157
Ion Ratio Lower Upper
142 100
141 88.9 69.8 104.6
115 32.4 26.7 40.1

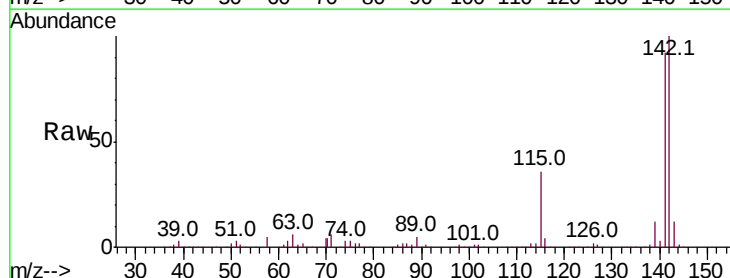


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

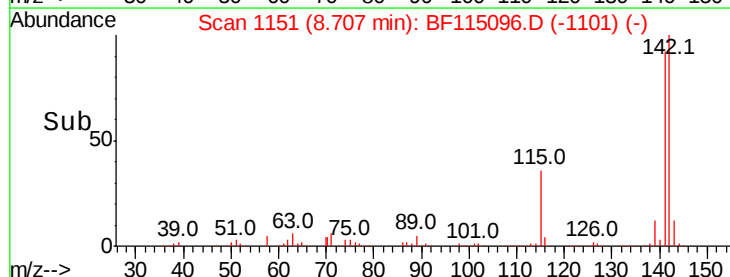
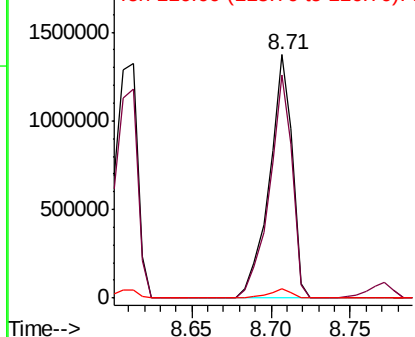


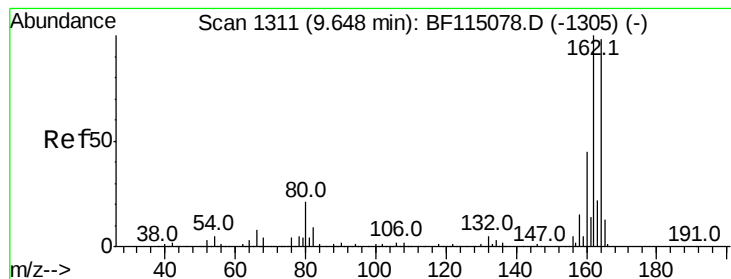
#38
1-Methylnaphthalene
Concen: 45.898 ng
RT: 8.71 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF115096.D
Acq: 21 Jun 2019 23:37

Tgt Ion:142 Resp: 1380683
Ion Ratio Lower Upper
142 100
141 91.6 73.8 110.8
116 3.7 2.8 4.2



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.65 min Scan# 1311

Delta R.T. -0.00 min

Lab File: BF115096.D

Acq: 21 Jun 2019 23:37

Instrument :

BNA_F

ClientSampleId :

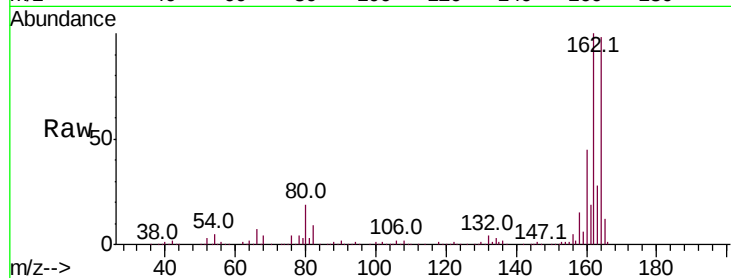
Tot Ion:164 Resp: 475024

Ion Ratio Lower Upper

164 100

162 102.0 81.7 122.5

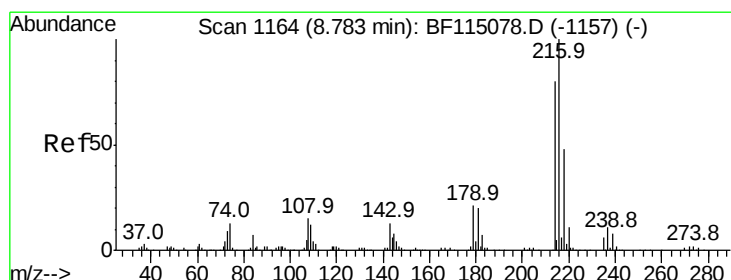
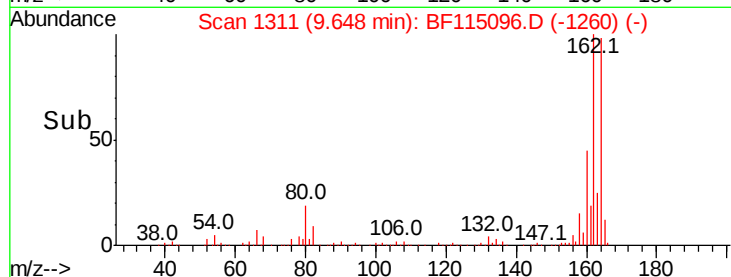
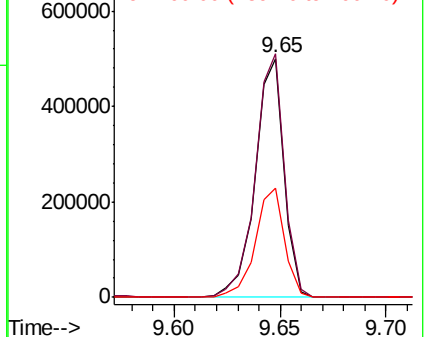
160 45.9 37.0 55.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.063 ng

RT: 8.78 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BF115096.D

Acq: 21 Jun 2019 23:37

Tgt Ion:216 Resp: 578052

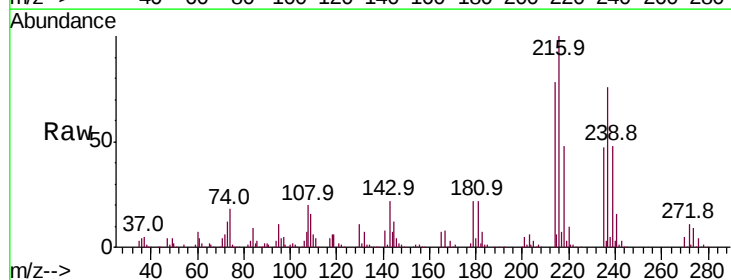
Ion Ratio Lower Upper

216 100

214 78.8 63.8 95.6

179 22.2 17.6 26.4

108 21.7 15.7 23.5

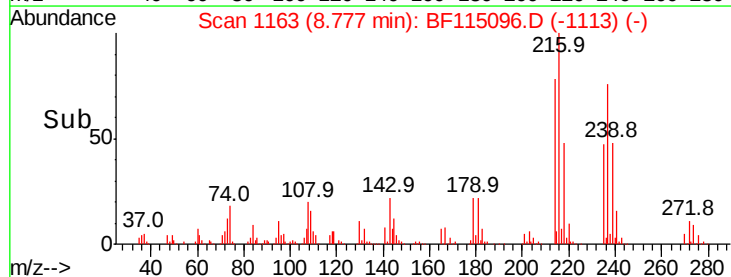
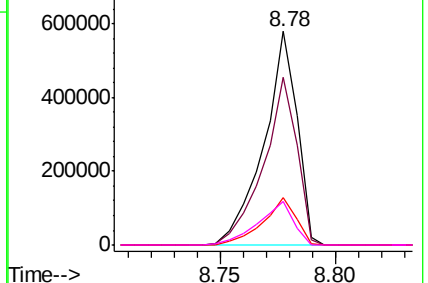


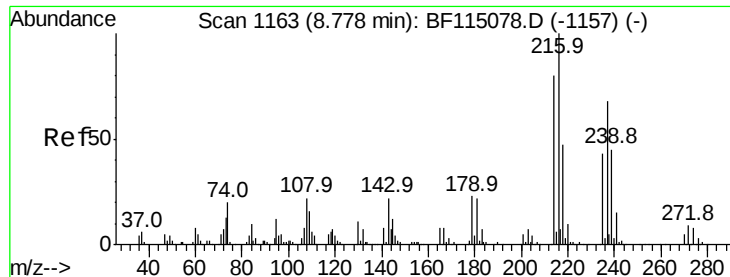
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 91.759 ng

RT: 8.77 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BF115096.D

Acq: 21 Jun 2019 23:37

Instrument :

BNA_F

ClientSampleId :

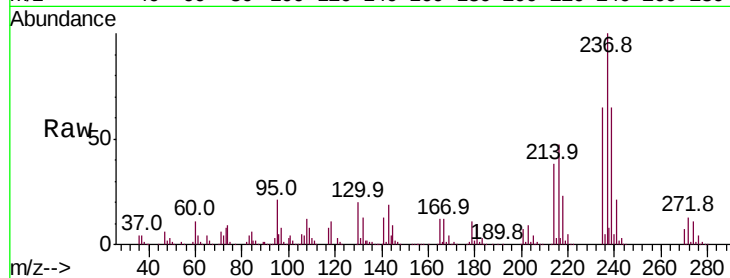
Tot Ion:237 Resp: 730366

Ion Ratio Lower Upper

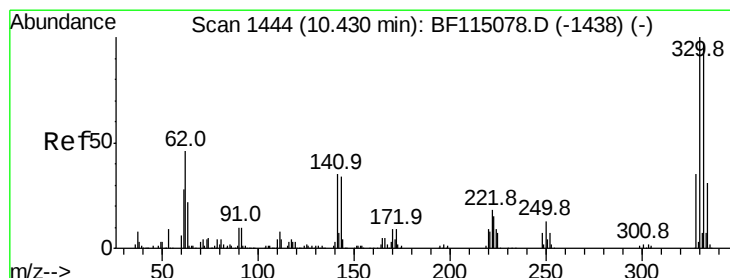
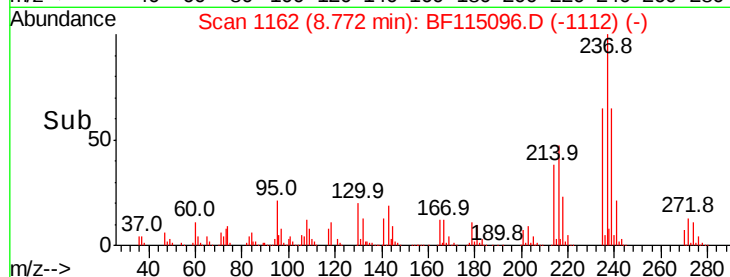
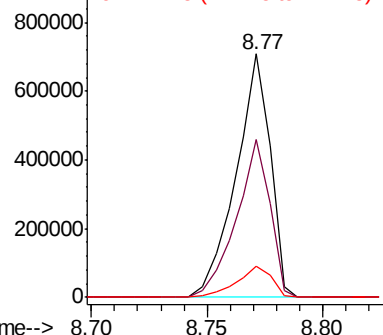
237 100

235 64.7 43.9 83.9

272 13.0 0.0 33.8



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 121.806 ng

RT: 10.43 min Scan# 1444

Delta R.T. -0.00 min

Lab File: BF115096.D

Acq: 21 Jun 2019 23:37

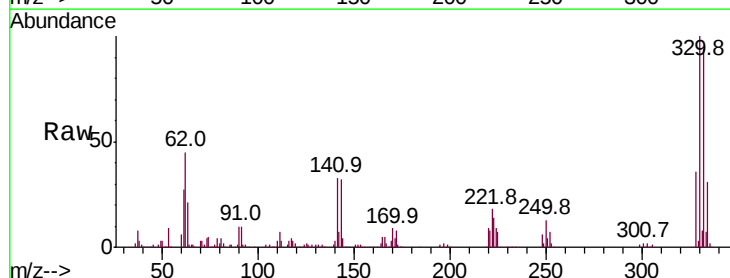
Tgt Ion:330 Resp: 610165

Ion Ratio Lower Upper

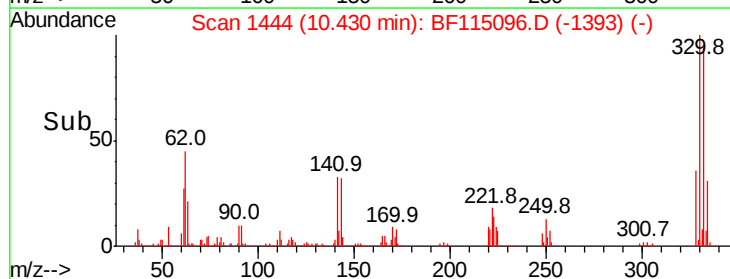
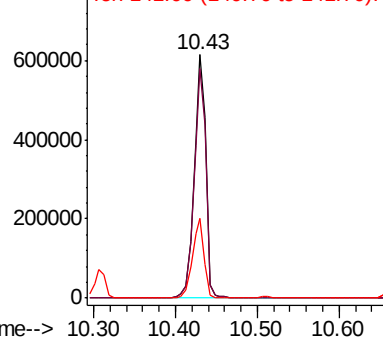
330 100

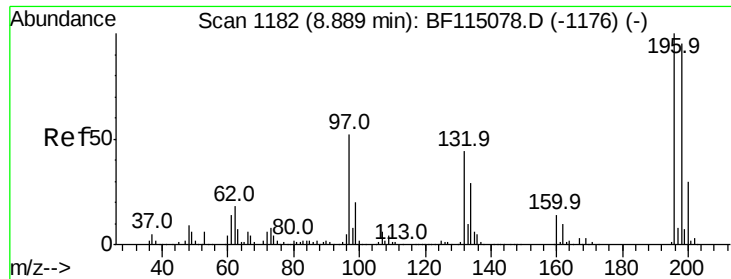
332 95.6 77.3 115.9

141 32.9 28.2 42.2



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

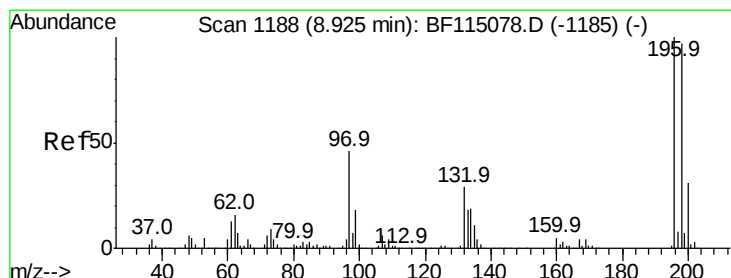
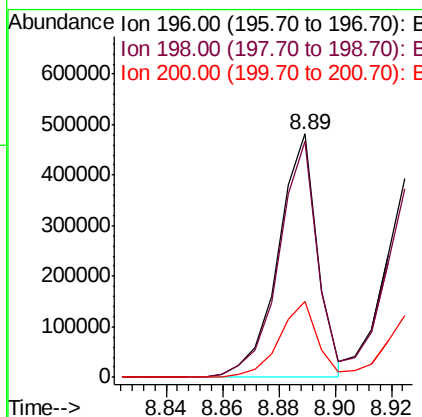
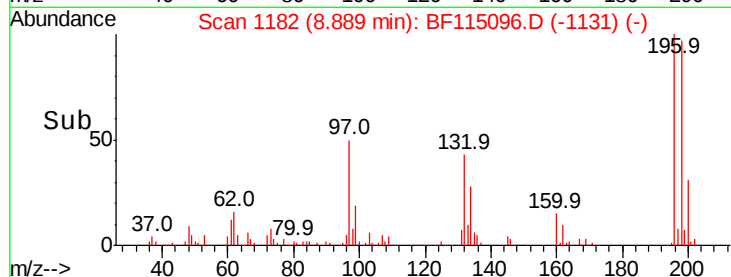
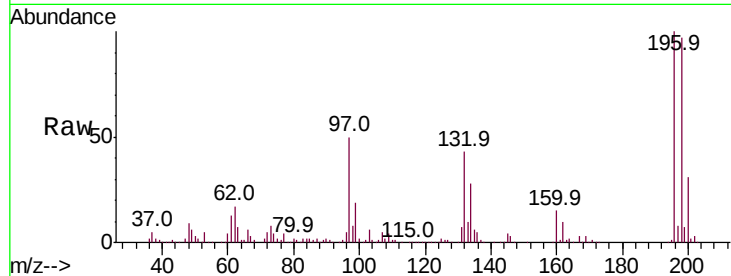




#43
 2,4,6-Trichlorophenol
 Concen: 44.670 ng
 RT: 8.89 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BF115096.D
 Acq: 21 Jun 2019 23:37

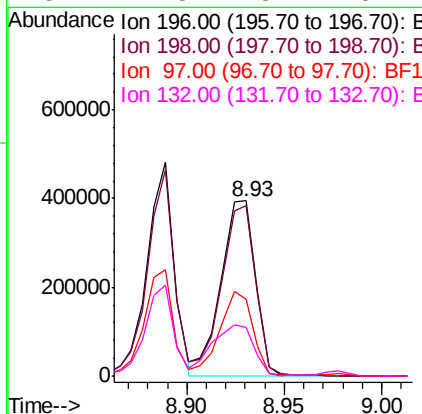
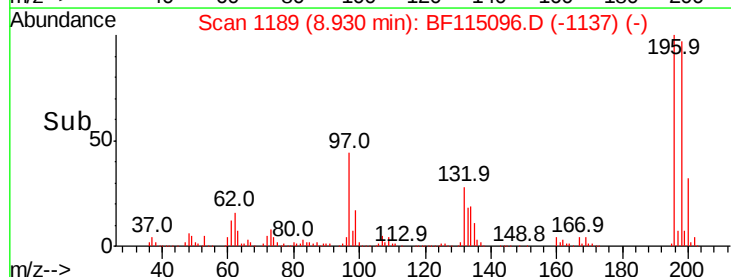
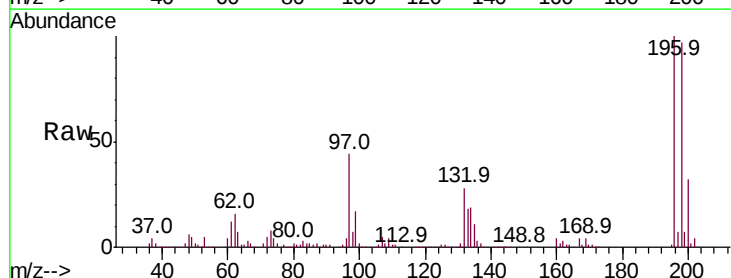
Instrument :
 BNA_F
 ClientSampleId :

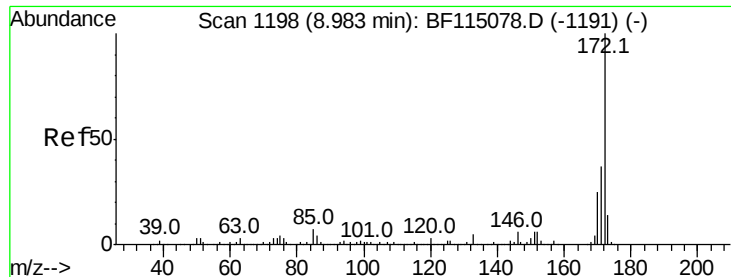
Tot Ion:196 Resp: 462930
 Ion Ratio Lower Upper
 196 100
 198 96.7 76.3 114.5
 200 31.1 24.2 36.4



#44
 2,4,5-Trichlorophenol
 Concen: 45.489 ng
 RT: 8.93 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF115096.D
 Acq: 21 Jun 2019 23:37

Tgt Ion:196 Resp: 485469
 Ion Ratio Lower Upper
 196 100
 198 97.2 77.1 115.7
 97 43.9 37.7 56.5
 132 27.8 23.1 34.7

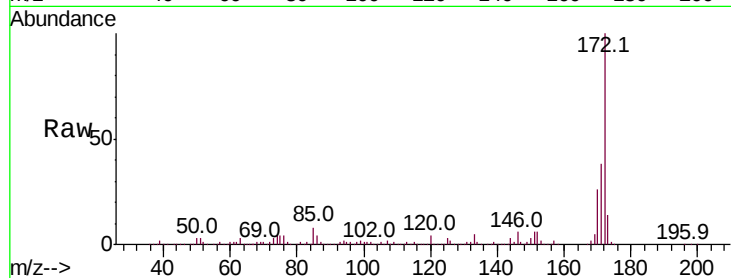




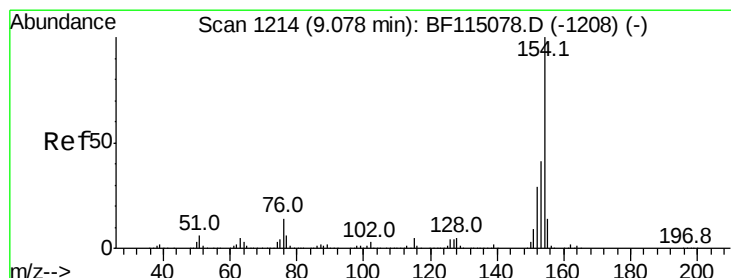
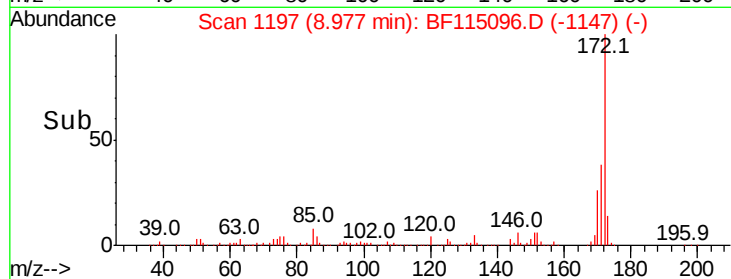
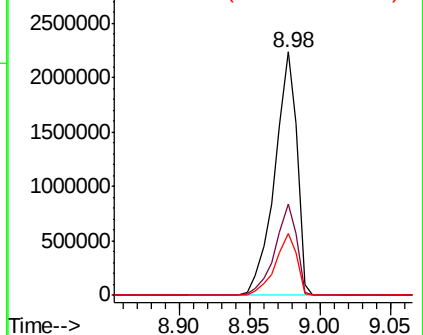
#45
2-Fluorobiphenyl
Concen: 88.132 ng
RT: 8.98 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BF115096.D
Acq: 21 Jun 2019 23:37

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 2464641
Ion Ratio Lower Upper
172 100
171 37.5 29.8 44.6
170 25.7 20.3 30.5

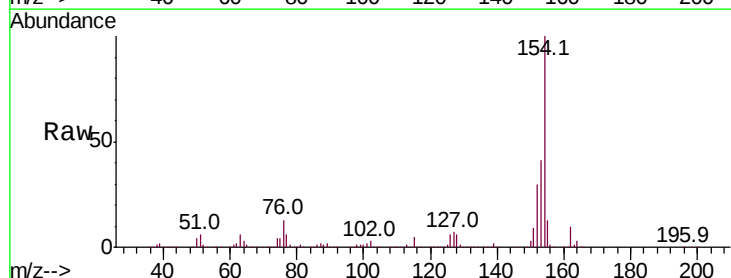


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

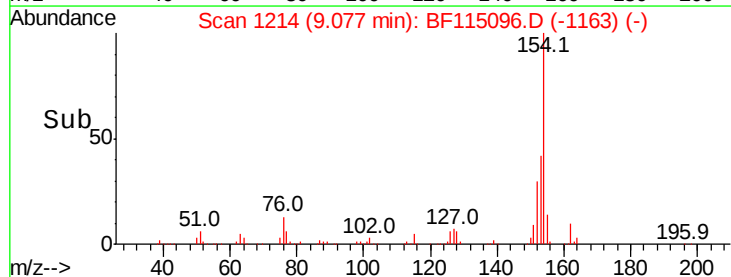
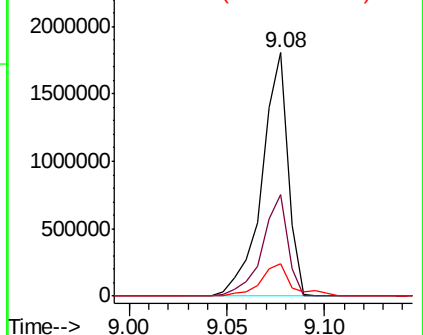


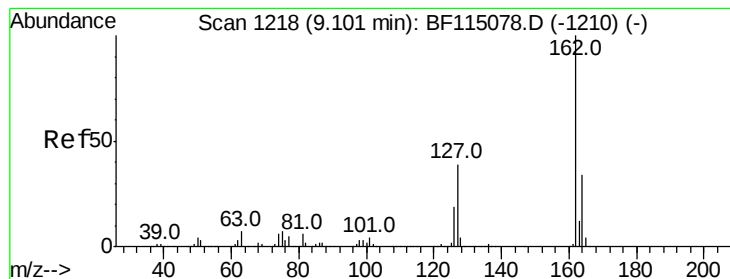
#46
1,1'-Biphenyl
Concen: 43.869 ng
RT: 9.08 min Scan# 1214
Delta R.T. -0.00 min
Lab File: BF115096.D
Acq: 21 Jun 2019 23:37

Tgt Ion:154 Resp: 1667414
Ion Ratio Lower Upper
154 100
153 41.5 20.9 60.9
76 13.3 0.0 34.1



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





#47

2-Chloronaphthalene

Concen: 43.732 ng

RT: 9.10 min Scan# 1217

Delta R.T. -0.01 min

Lab File: BF115096.D

Acq: 21 Jun 2019 23:37

Instrument :

BNA_F

ClientSampleId :

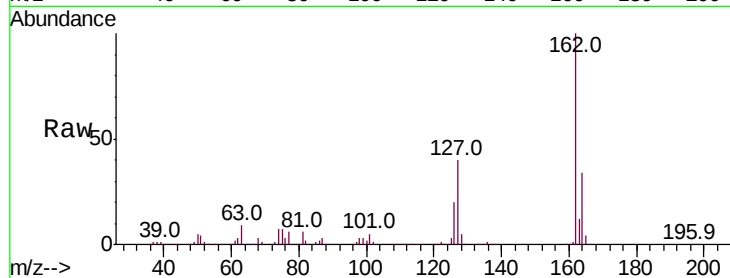
Tot Ion:162 Resp: 1348288

Ion Ratio Lower Upper

162 100

127 40.4 30.8 46.2

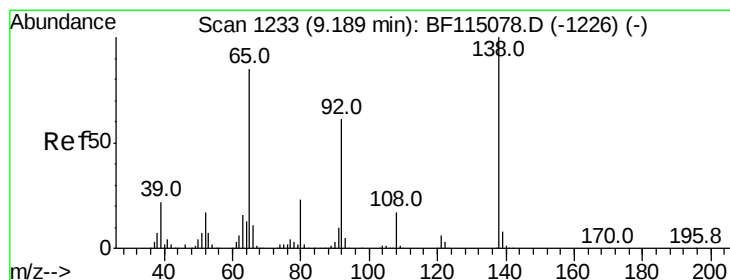
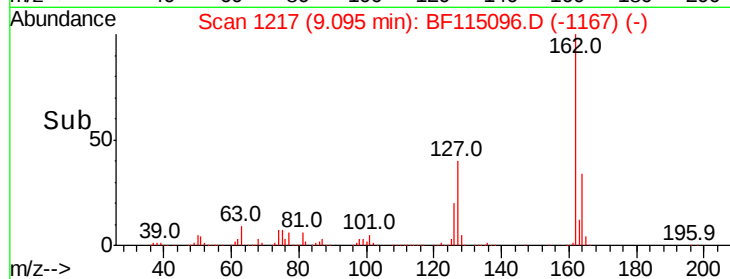
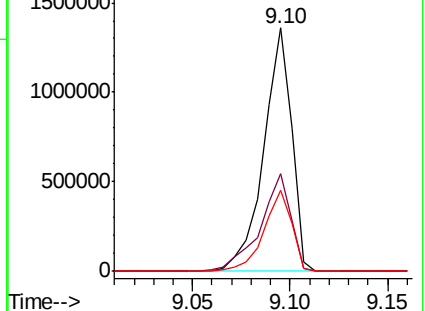
164 33.5 27.0 40.4



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: 43.559 ng

RT: 9.19 min Scan# 1233

Delta R.T. -0.00 min

Lab File: BF115096.D

Acq: 21 Jun 2019 23:37

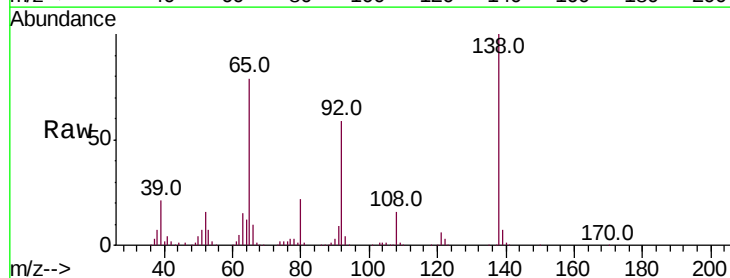
Tgt Ion: 65 Resp: 391529

Ion Ratio Lower Upper

65 100

92 74.0 57.4 86.2

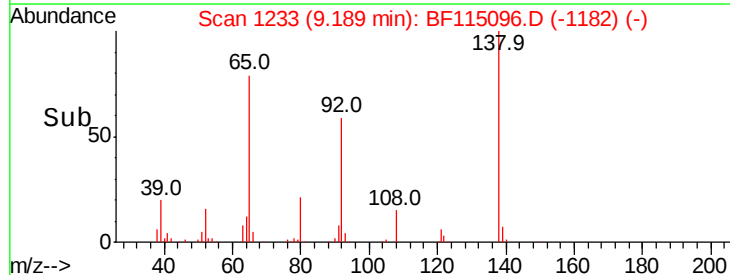
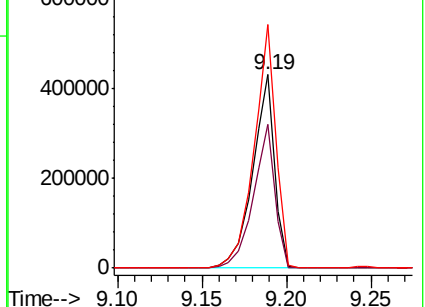
138 125.9 94.1 141.1

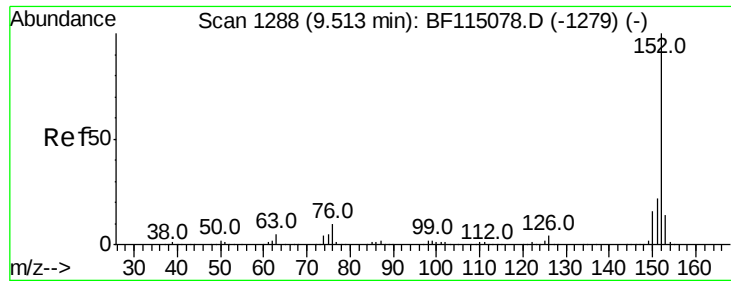


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 44.022 ng

RT: 9.51 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF115096.D

Acq: 21 Jun 2019 23:37

Instrument :

BNA_F

ClientSampleId :

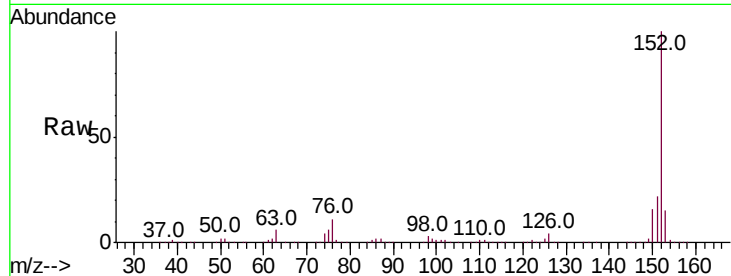
Tot Ion:152 Resp: 2114645

Ion Ratio Lower Upper

152 100

151 21.6 17.2 25.8

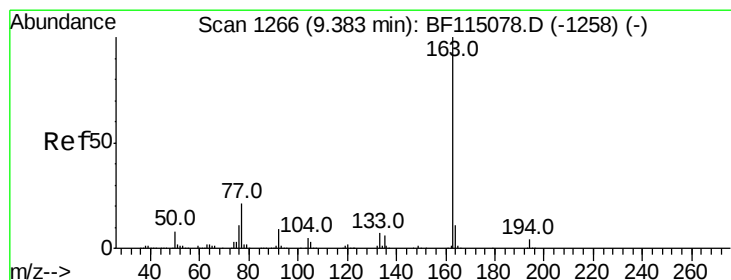
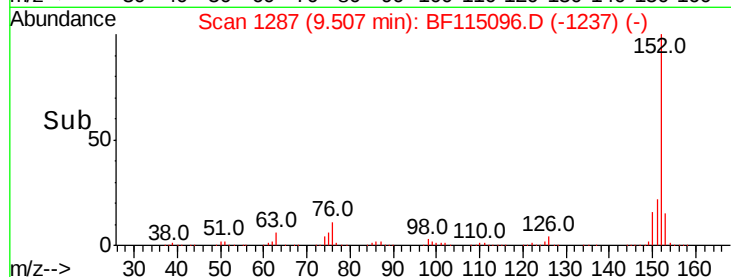
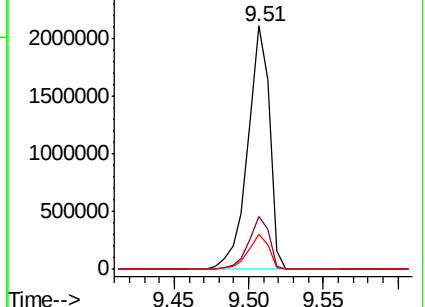
153 14.5 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 43.986 ng

RT: 9.38 min Scan# 1266

Delta R.T. -0.00 min

Lab File: BF115096.D

Acq: 21 Jun 2019 23:37

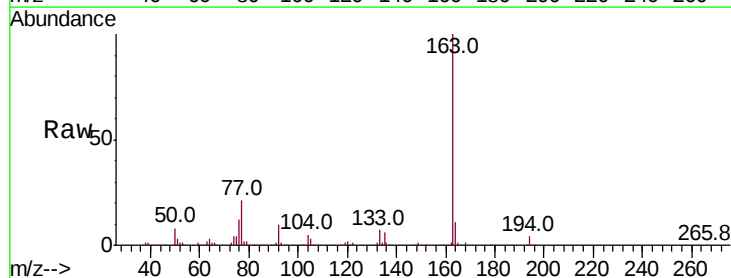
Tgt Ion:163 Resp: 1537260

Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

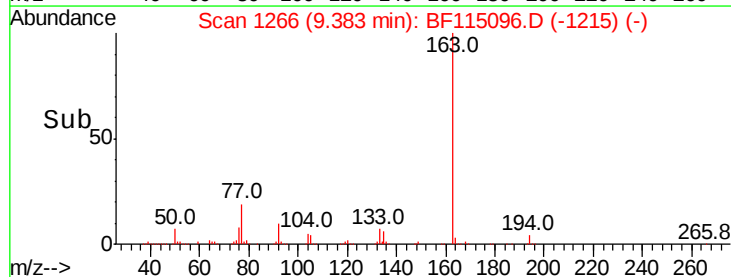
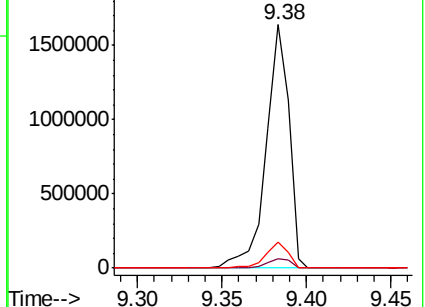
164 10.8 8.6 13.0

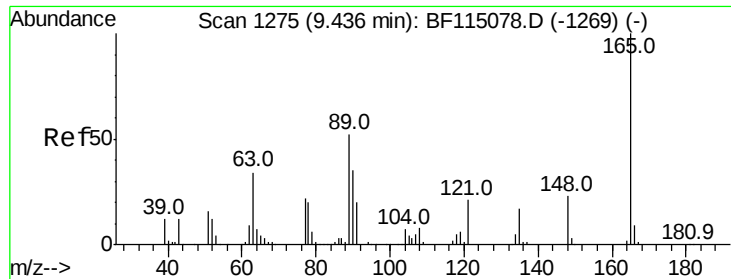


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

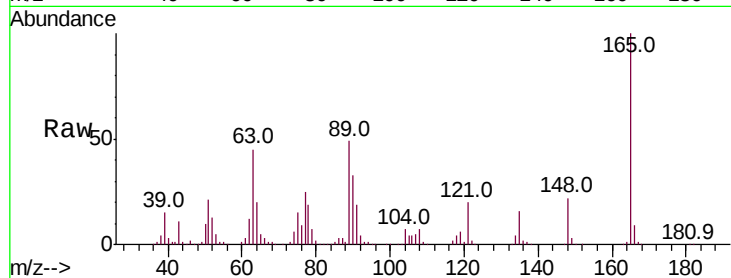




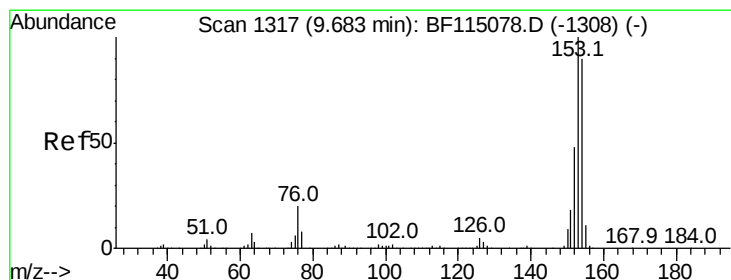
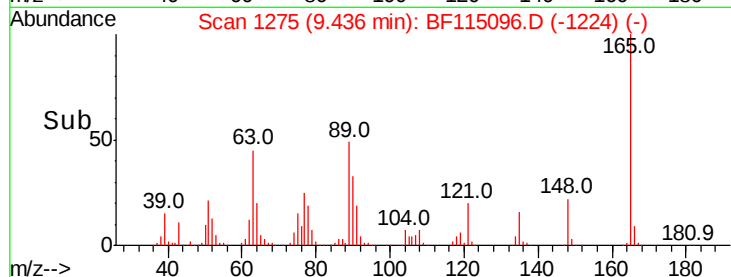
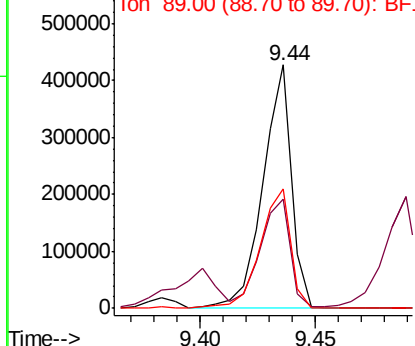
#51
 2,6-Dinitrotoluene
 Concen: 45.595 ng
 RT: 9.44 min Scan# 1275
 Delta R.T. -0.00 min
 Lab File: BF115096.D
 Acq: 21 Jun 2019 23:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	44.9	39.4	59.2
89	49.0	42.0	63.0

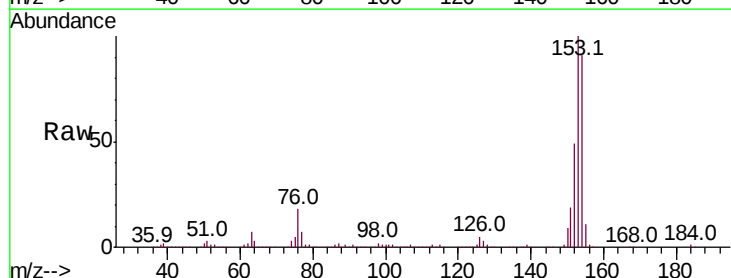


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

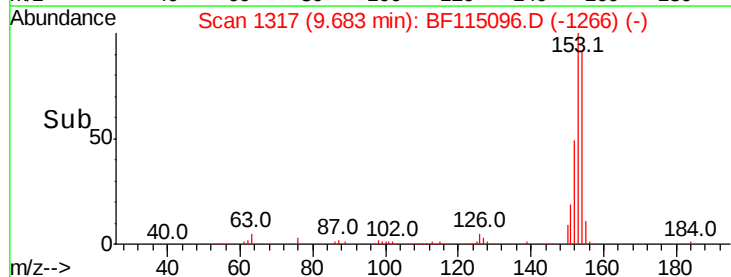
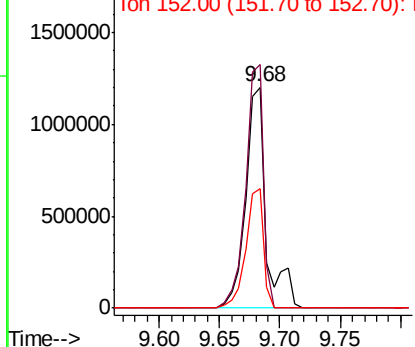


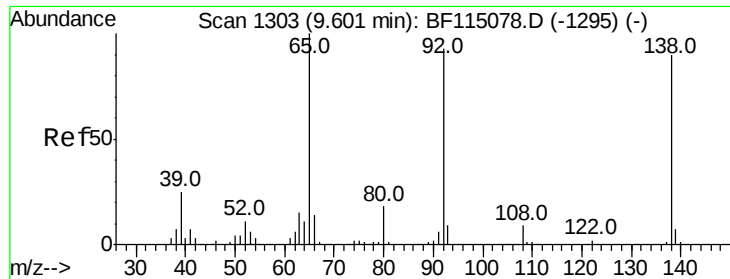
#52
 Acenaphthene
 Concen: 47.947 ng
 RT: 9.68 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: BF115096.D
 Acq: 21 Jun 2019 23:37

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.3	88.7	133.1
152	54.2	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

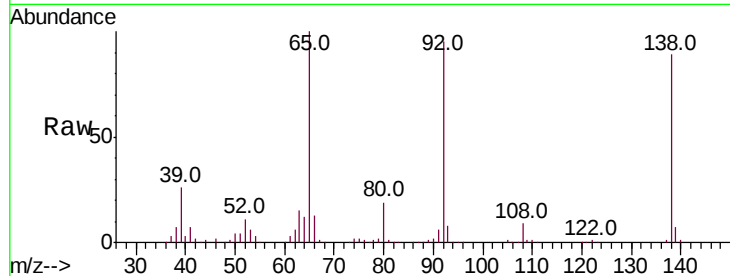




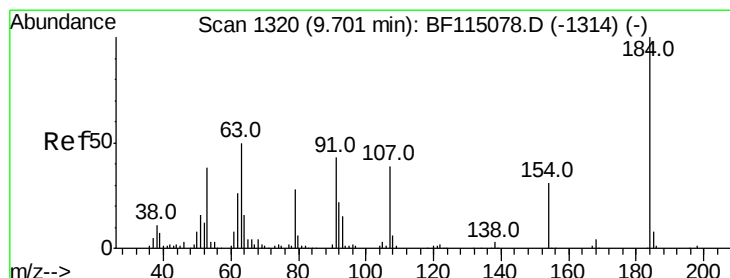
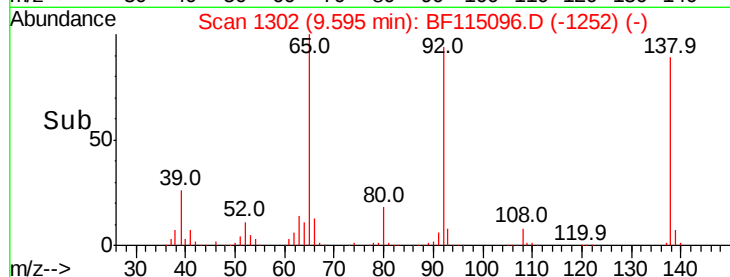
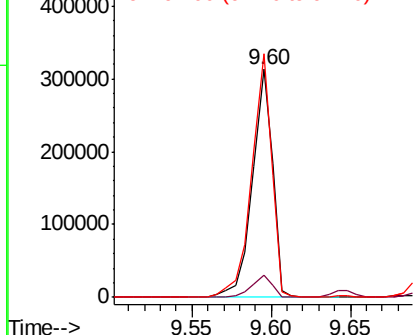
#53
3-Nitroaniline
Concen: 27.950 ng
RT: 9.60 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF115096.D
Acq: 21 Jun 2019 23:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 275202
Ion Ratio Lower Upper
138 100
108 9.8 7.8 11.6
92 106.7 82.9 124.3

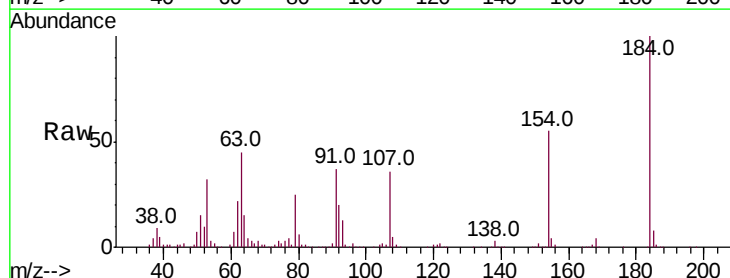


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

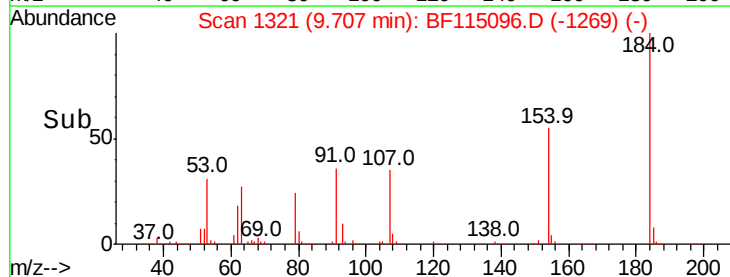
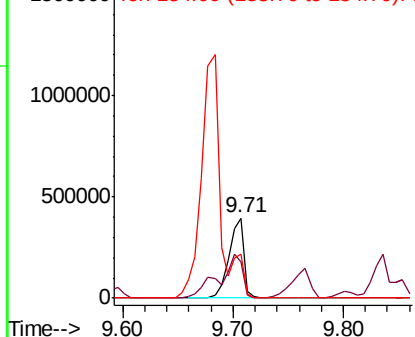


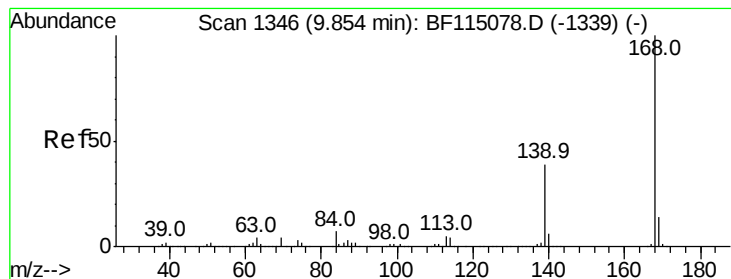
#54
2,4-Dinitrophenol
Concen: 89.778 ng
RT: 9.71 min Scan# 1321
Delta R.T. 0.01 min
Lab File: BF115096.D
Acq: 21 Jun 2019 23:37

Tgt Ion:184 Resp: 376846
Ion Ratio Lower Upper
184 100
63 45.0 41.9 62.9
154 55.1 44.7 67.1



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





#55

Dibenzofuran

Concen: 42.704 ng

RT: 9.85 min Scan# 1346

Delta R.T. -0.00 min

Lab File: BF115096.D

Acq: 21 Jun 2019 23:37

Instrument :

BNA_F

ClientSampleId :

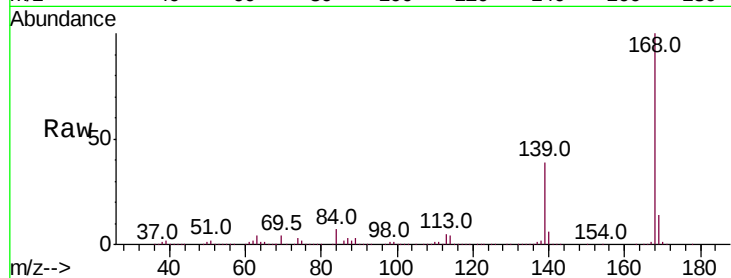
Tot Ion:168 Resp: 1842341

Ion Ratio Lower Upper

168 100

139 39.3 31.1 46.7

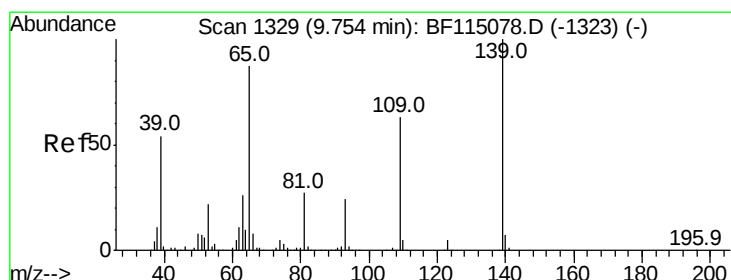
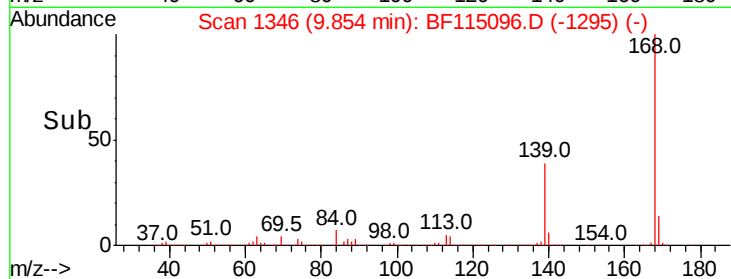
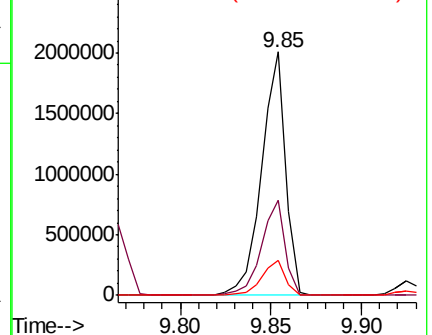
169 14.4 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 85.942 ng

RT: 9.77 min Scan# 1331

Delta R.T. 0.01 min

Lab File: BF115096.D

Acq: 21 Jun 2019 23:37

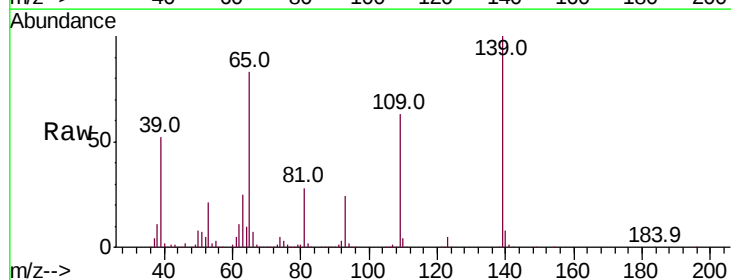
Tgt Ion:139 Resp: 678405

Ion Ratio Lower Upper

139 100

109 63.1 43.0 83.0

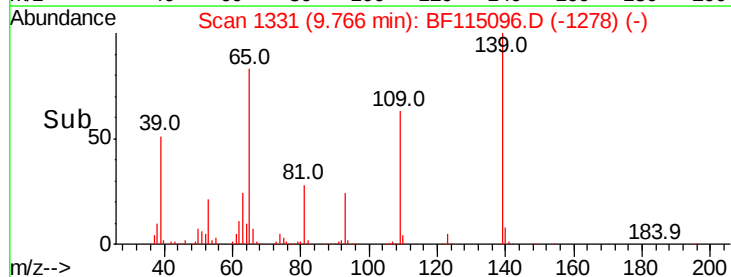
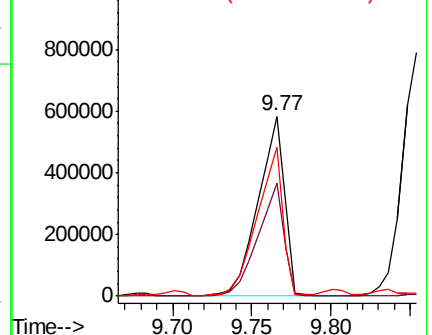
65 82.9 67.0 107.0

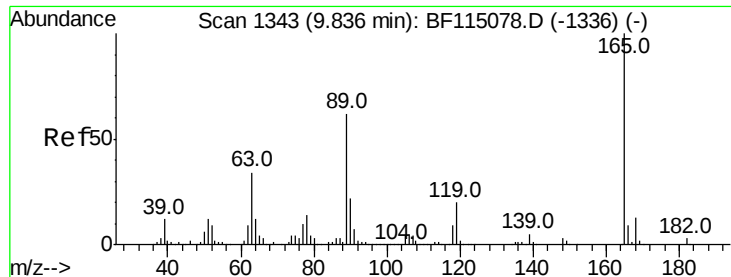


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

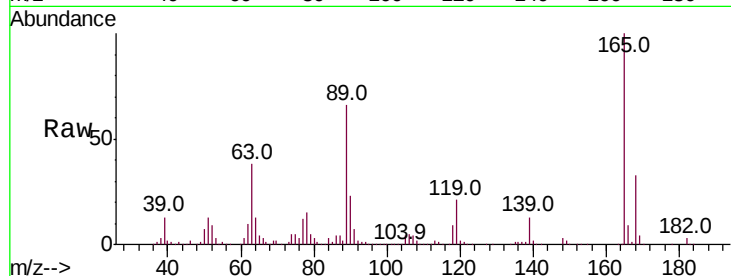




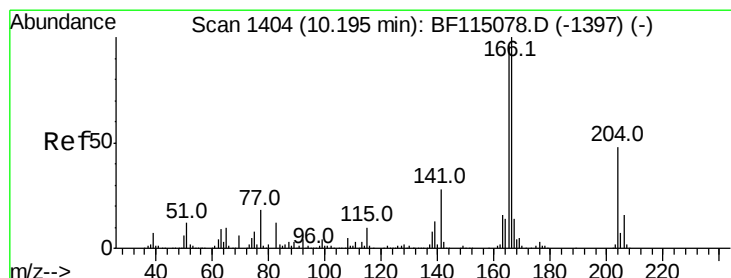
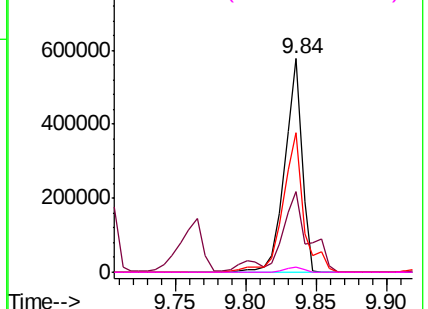
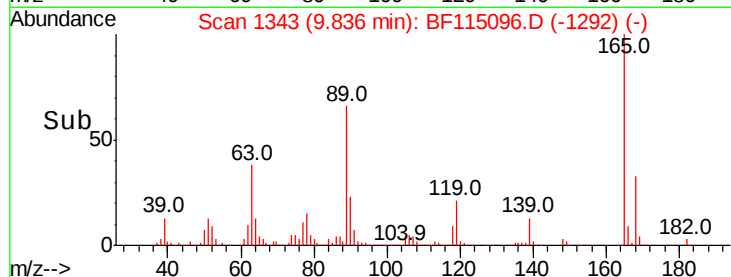
#57
2,4-Dinitrotoluene
Concen: 47.054 ng
RT: 9.84 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BF115096.D
Acq: 21 Jun 2019 23:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	165	Resp:	490219
Ion	Ratio	Lower	Upper
165	100		
63	38.0	27.5	41.3
89	65.5	49.9	74.9
182	2.6	2.1	3.1

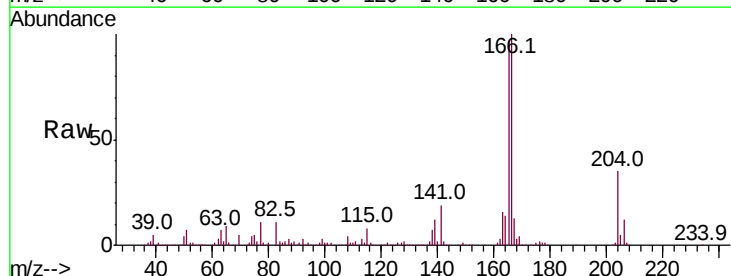


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

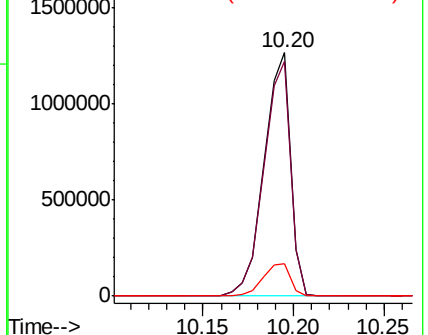
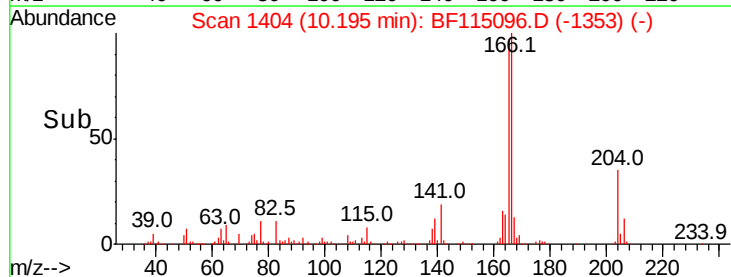


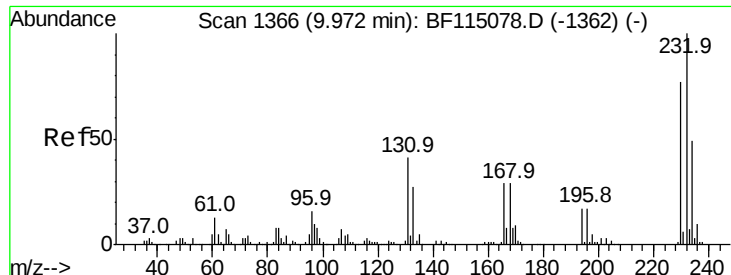
#58
Fluorene
Concen: 44.523 ng
RT: 10.20 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BF115096.D
Acq: 21 Jun 2019 23:37

Tgt Ion:	166	Resp:	1280871
Ion	Ratio	Lower	Upper
166	100		
165	96.6	76.5	114.7
167	13.5	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

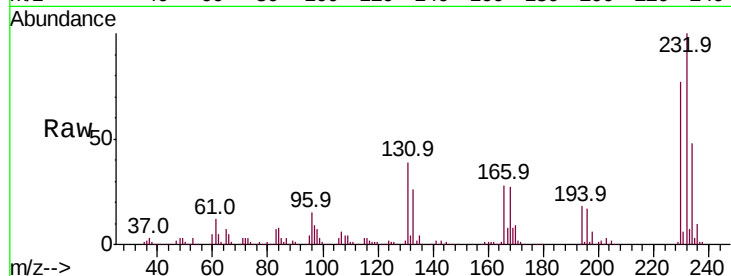




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.809 ng
 RT: 9.97 min Scan# 1366
 Delta R.T. -0.00 min
 Lab File: BF115096.D
 Acq: 21 Jun 2019 23:37

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.9	37.4	56.0
130	2.2	1.8	2.6
166	31.3	24.6	36.8



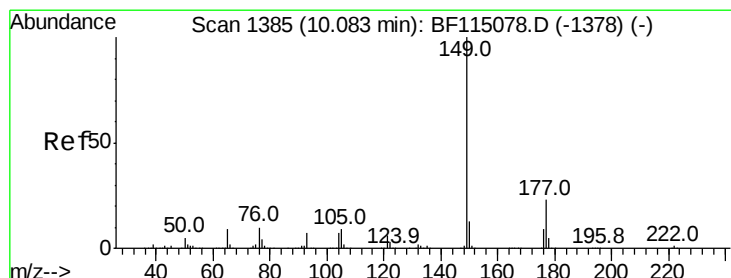
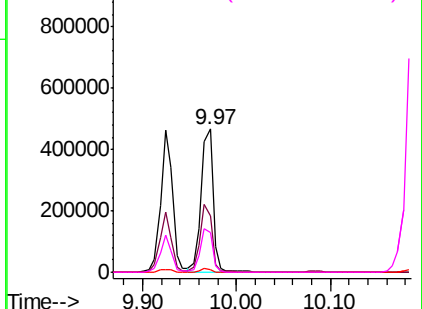
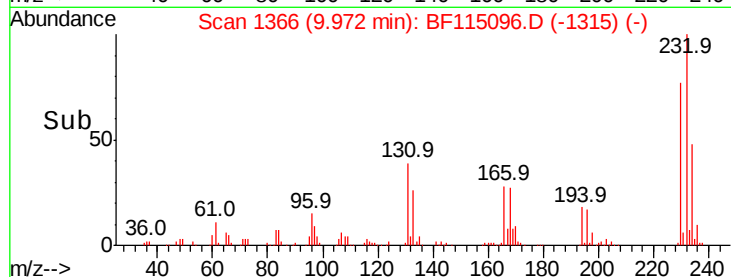
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

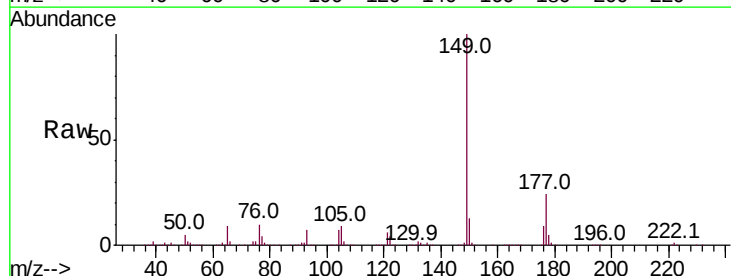
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 43.937 ng
 RT: 10.08 min Scan# 1385
 Delta R.T. -0.00 min
 Lab File: BF115096.D
 Acq: 21 Jun 2019 23:37

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.7	18.7	28.1
150	13.3	10.4	15.6

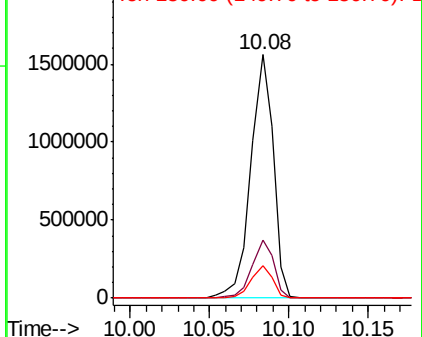
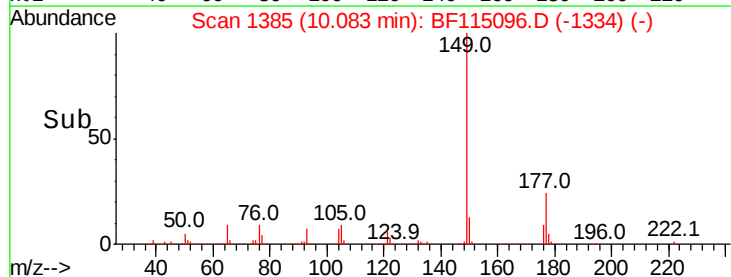


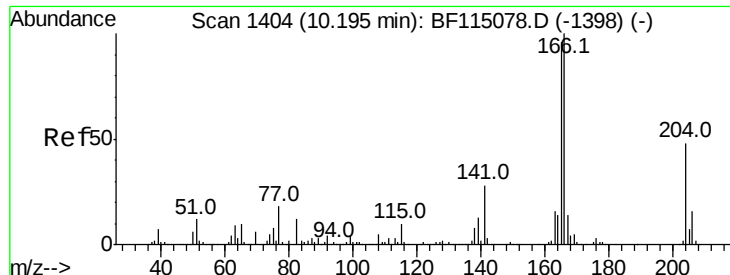
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

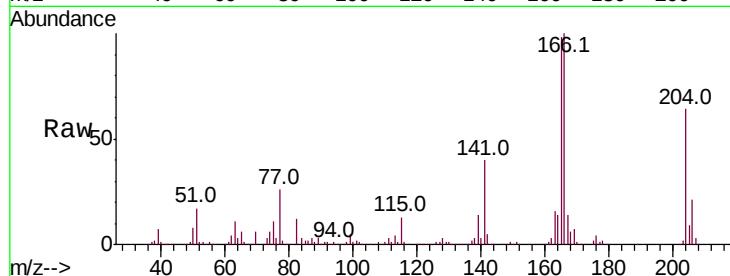




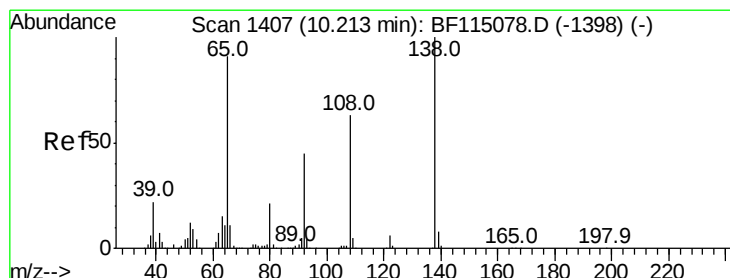
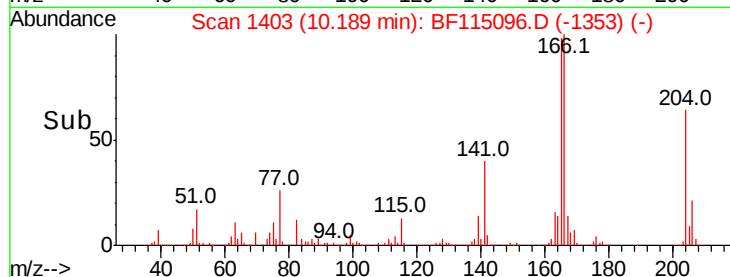
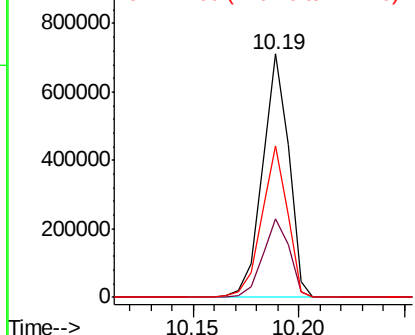
#61
4-Chlorophenyl-phenylether
Concen: 45.175 ng
RT: 10.19 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF115096.D
Acq: 21 Jun 2019 23:37

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 616269
Ion Ratio Lower Upper
204 100
206 32.4 26.6 40.0
141 62.2 46.7 70.1

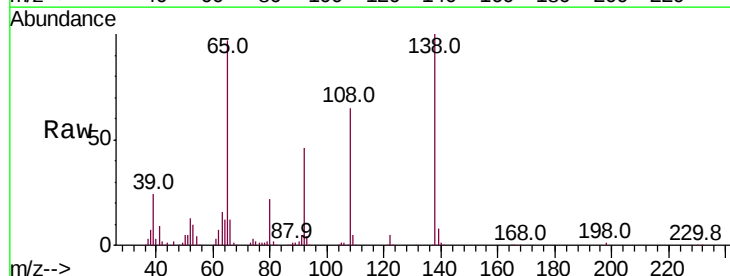


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

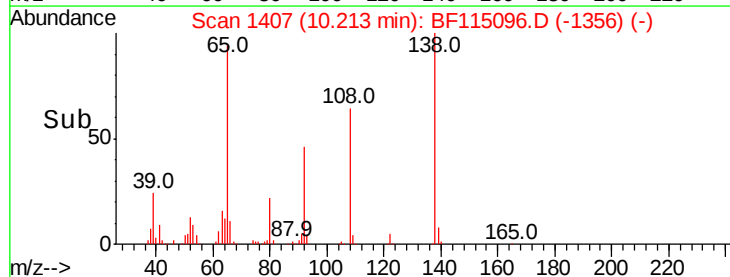
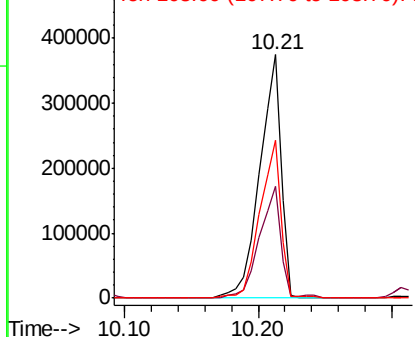


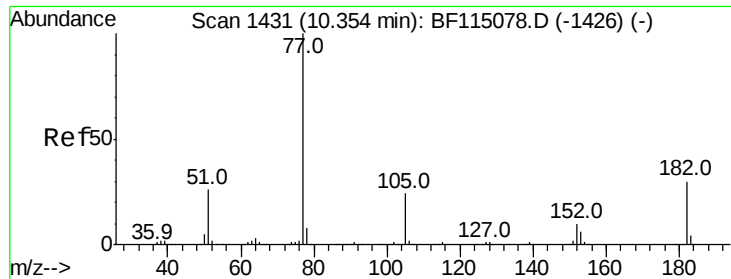
#62
4-Nitroaniline
Concen: 41.729 ng
RT: 10.21 min Scan# 1407
Delta R.T. -0.00 min
Lab File: BF115096.D
Acq: 21 Jun 2019 23:37

Tgt Ion:138 Resp: 412183
Ion Ratio Lower Upper
138 100
92 46.0 24.8 64.8
108 64.9 43.3 83.3



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

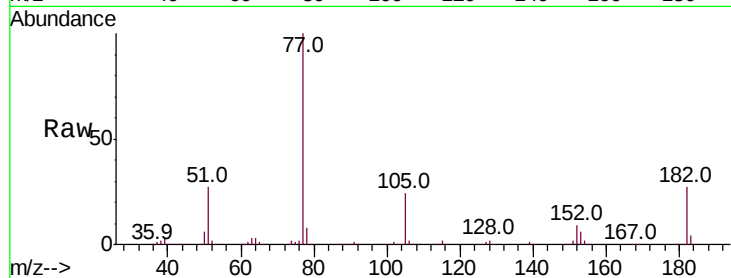




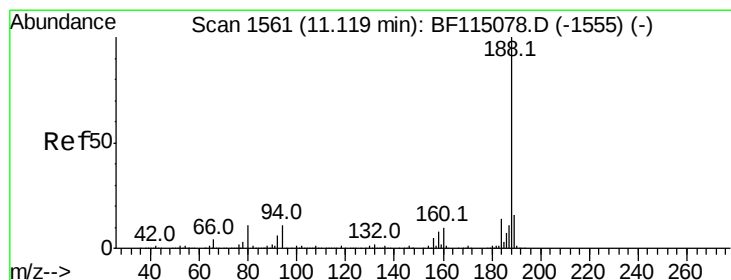
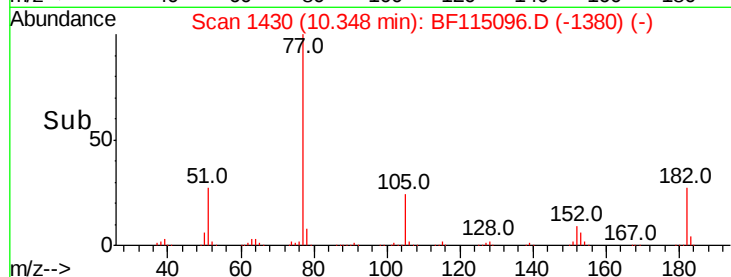
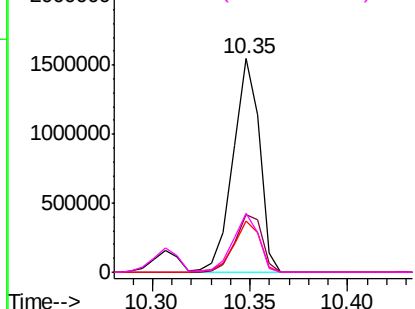
#63
Azobenzene
Concen: 44.407 ng
RT: 10.35 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF115096.D
Acq: 21 Jun 2019 23:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 1457118
Ion Ratio Lower Upper
77 100
182 27.1 10.1 50.1
105 24.0 4.5 44.5
51 27.5 6.4 46.4

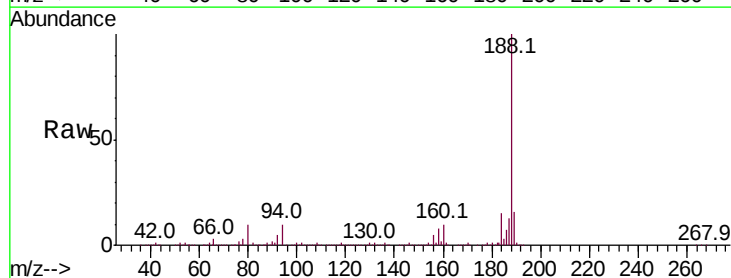


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

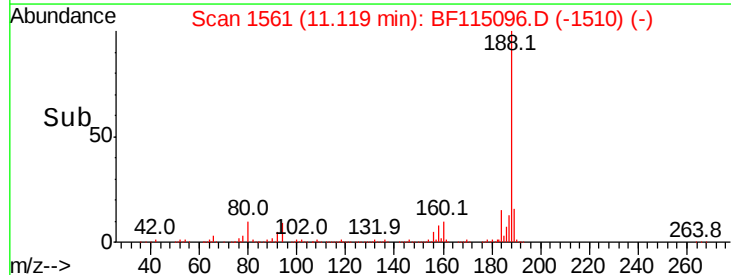
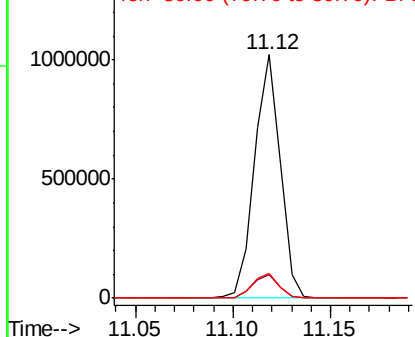


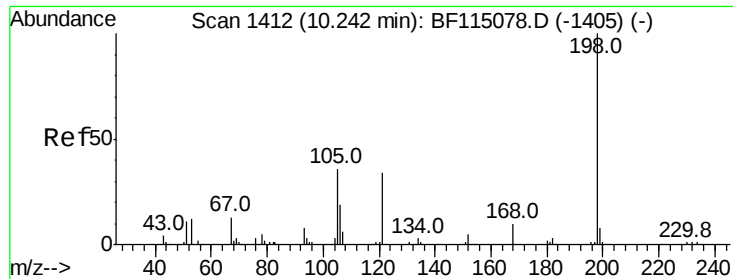
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.12 min Scan# 1561
Delta R.T. -0.00 min
Lab File: BF115096.D
Acq: 21 Jun 2019 23:37

Tgt Ion: 188 Resp: 932745
Ion Ratio Lower Upper
188 100
94 9.6 8.6 12.8
80 10.3 8.8 13.2



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 45.653 ng

RT: 10.24 min Scan# 1412

Delta R.T. 0.00 min

Lab File: BF115096.D

Acq: 21 Jun 2019 23:37

Instrument :

BNA_F

ClientSampleId :

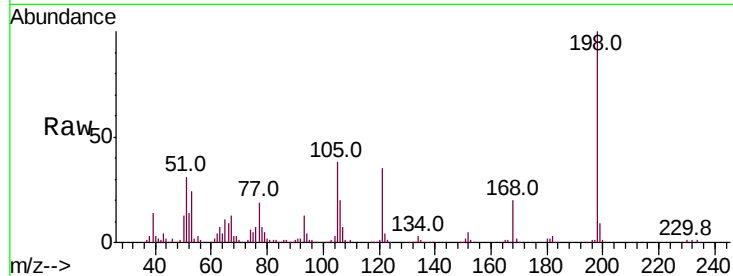
Tot Ion:198 Resp: 225231

Ion Ratio Lower Upper

198 100

51 31.3 11.0 51.0

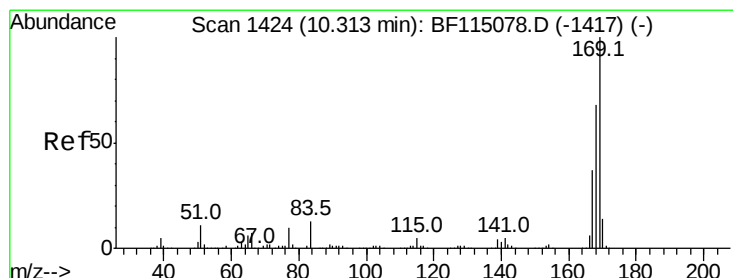
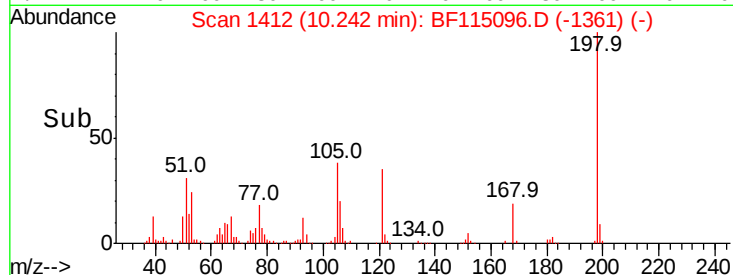
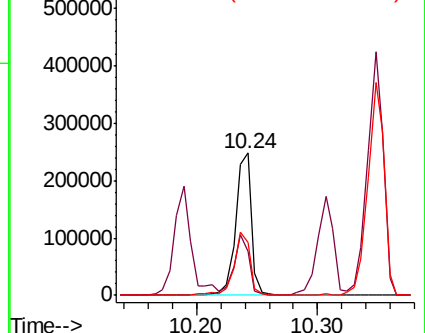
105 37.6 17.3 57.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 44.947 ng

RT: 10.31 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BF115096.D

Acq: 21 Jun 2019 23:37

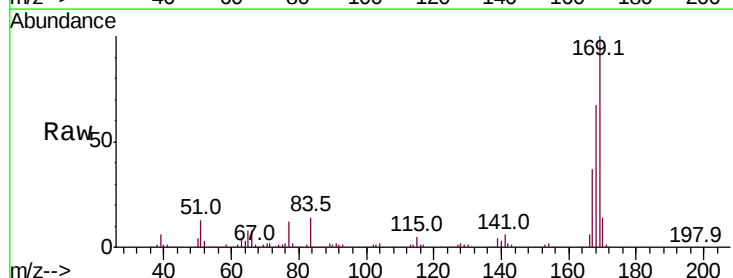
Tgt Ion:169 Resp: 1306146

Ion Ratio Lower Upper

169 100

168 66.9 54.2 81.4

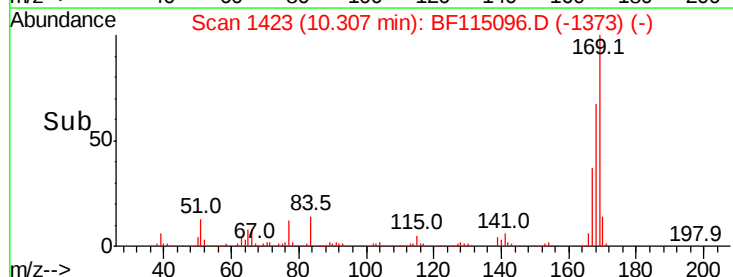
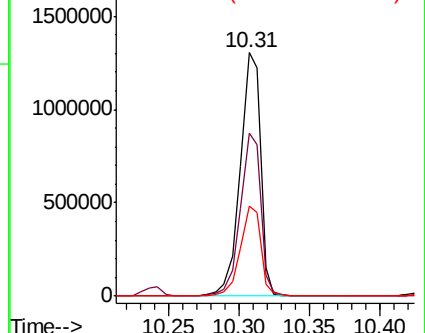
167 37.2 29.4 44.0

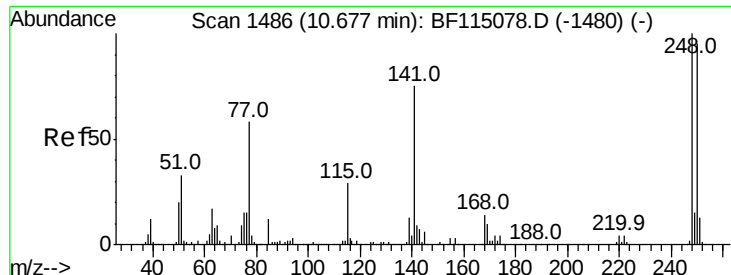


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

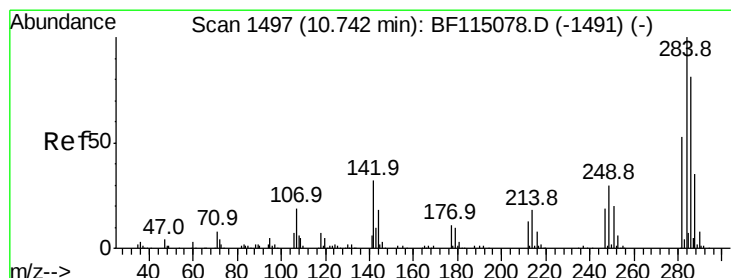
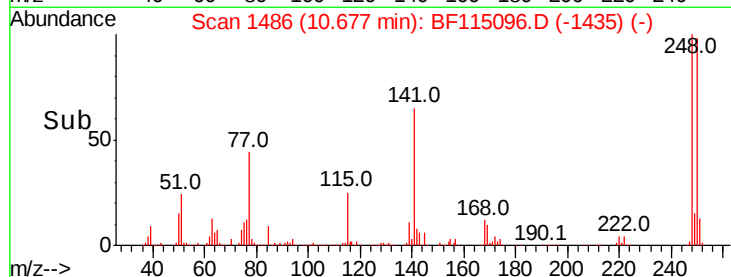
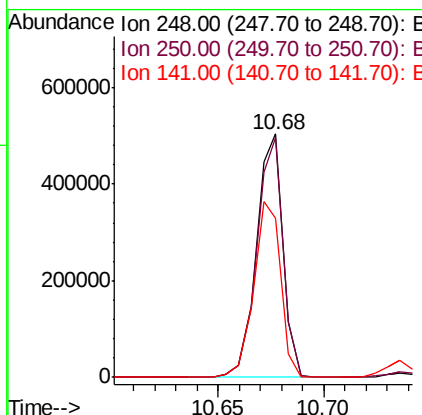
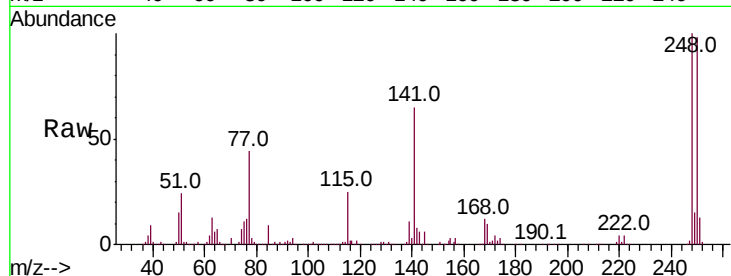




#67
 4-Bromophenyl-phenylether
 Concen: 43.531 ng
 RT: 10.68 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: BF115096.D
 Acq: 21 Jun 2019 23:37

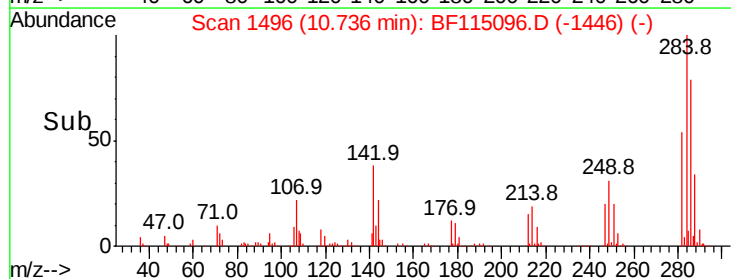
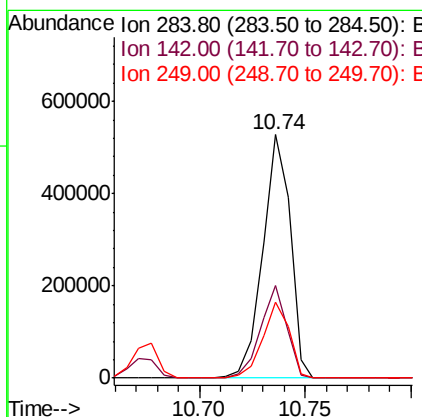
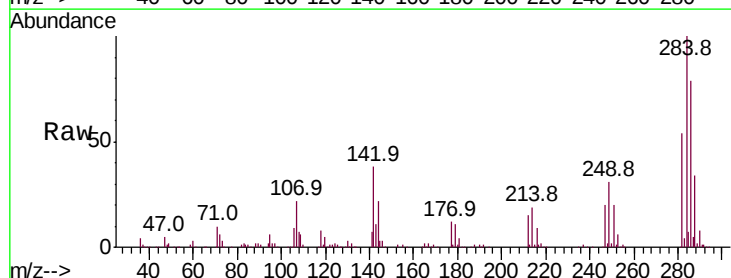
Instrument :
 BNA_F
 ClientSampleId :

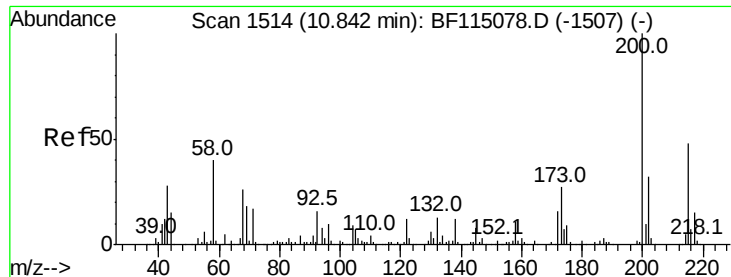
Tot Ion:248 Resp: 440221
 Ion Ratio Lower Upper
 248 100
 250 98.3 76.2 114.2
 141 65.1 59.6 89.4



#68
 Hexachlorobenzene
 Concen: 43.655 ng
 RT: 10.74 min Scan# 1496
 Delta R.T. -0.01 min
 Lab File: BF115096.D
 Acq: 21 Jun 2019 23:37

Tgt Ion:284 Resp: 479196
 Ion Ratio Lower Upper
 284 100
 142 37.8 25.8 38.8
 249 31.2 24.2 36.4

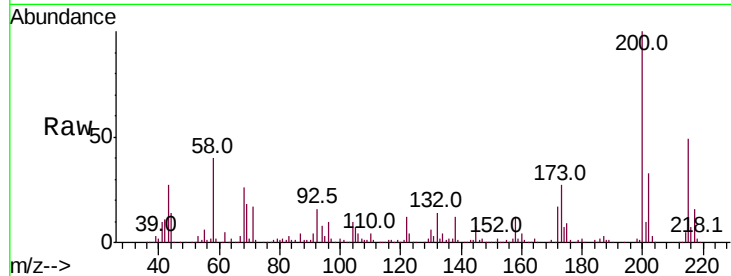




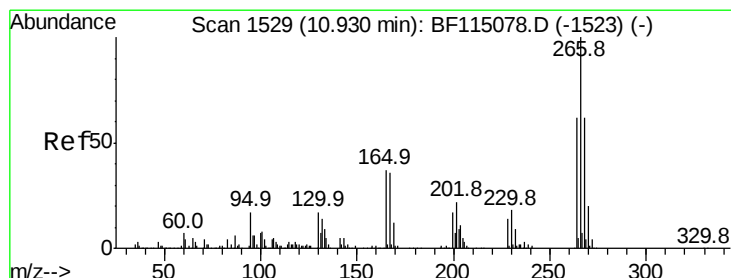
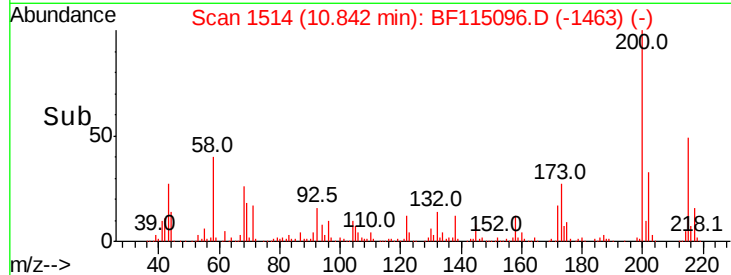
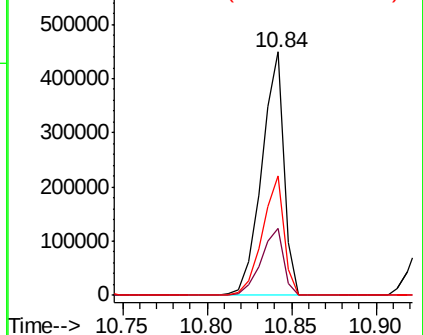
#69
Atrazine
Concen: 43.753 ng
RT: 10.84 min Scan# 1514
Delta R.T. -0.00 min
Lab File: BF115096.D
Acq: 21 Jun 2019 23:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.4	7.4	47.4
215	49.2	27.8	67.8

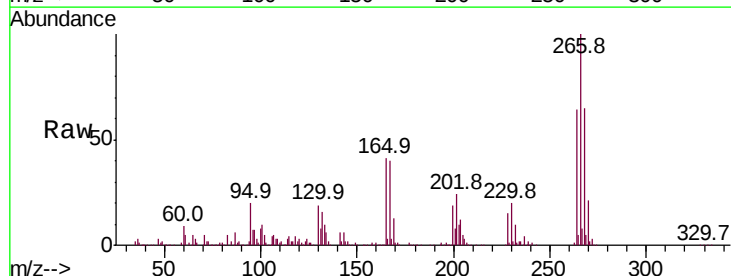


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

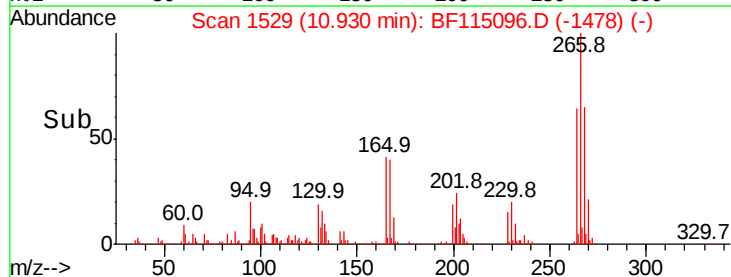
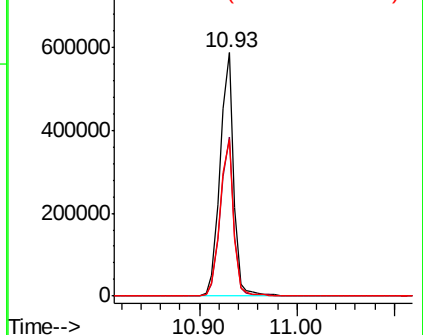


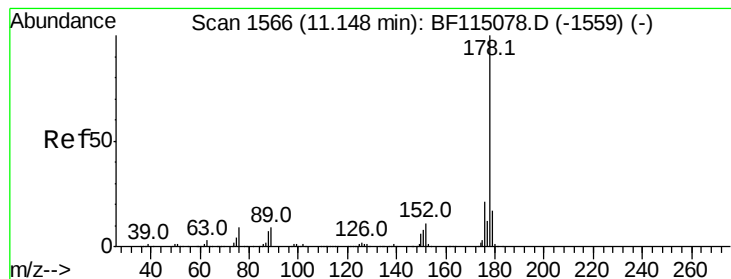
#70
Pentachlorophenol
Concen: 81.797 ng
RT: 10.93 min Scan# 1529
Delta R.T. -0.00 min
Lab File: BF115096.D
Acq: 21 Jun 2019 23:37

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.3	49.5	74.3
264	64.1	49.3	73.9



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 41.994 ng

RT: 11.14 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BF115096.D

Acq: 21 Jun 2019 23:37

Instrument :

BNA_F

ClientSampleId :

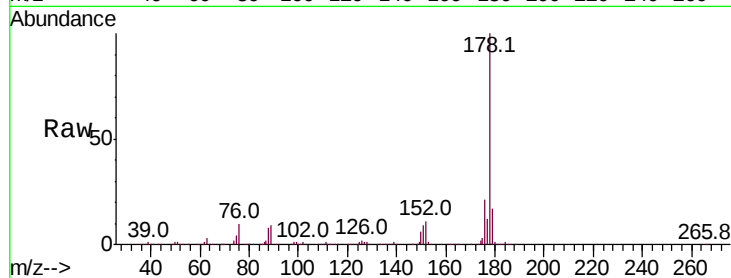
Tot Ion:178 Resp: 2108958

Ion Ratio Lower Upper

178 100

176 21.0 16.9 25.3

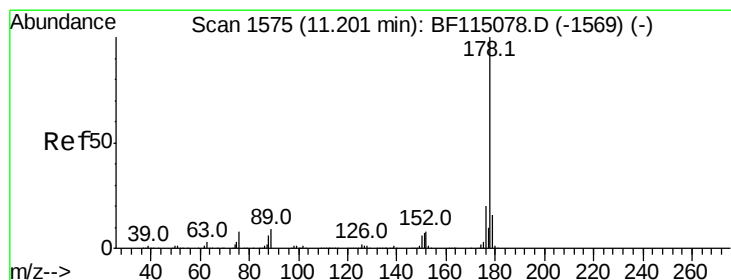
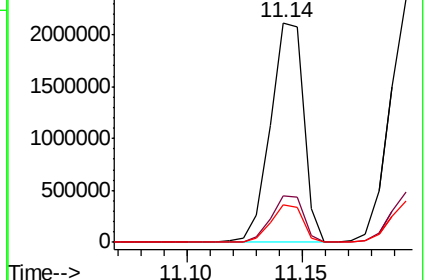
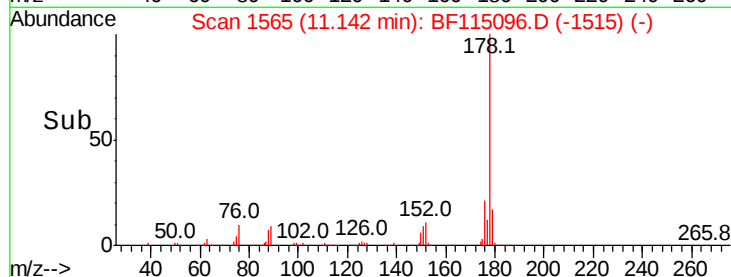
179 16.9 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 42.986 ng

RT: 11.19 min Scan# 1574

Delta R.T. -0.01 min

Lab File: BF115096.D

Acq: 21 Jun 2019 23:37

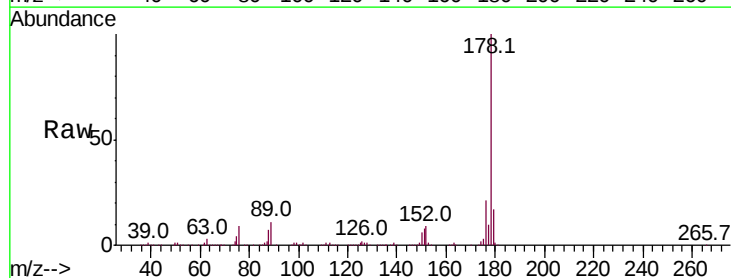
Tgt Ion:178 Resp: 2179121

Ion Ratio Lower Upper

178 100

176 20.7 16.1 24.1

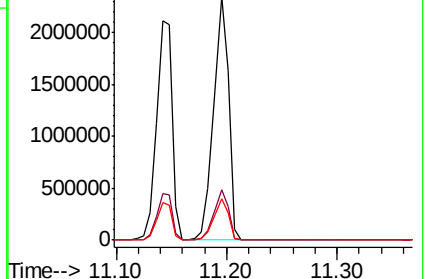
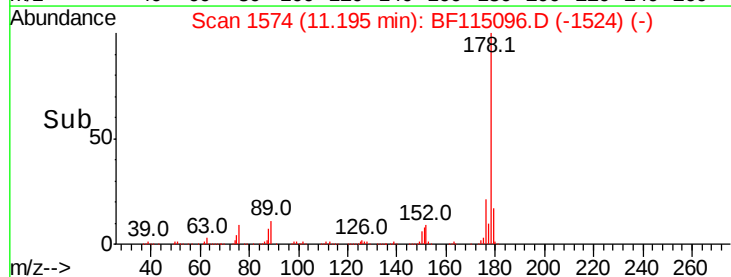
179 17.0 12.9 19.3

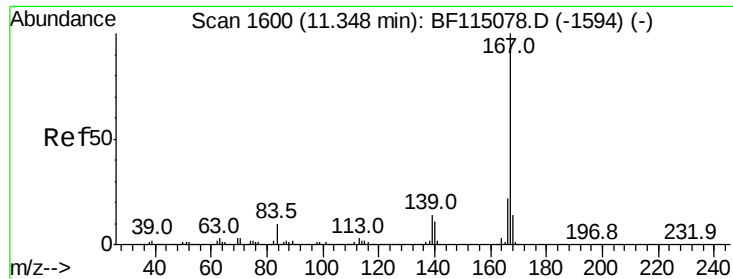


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



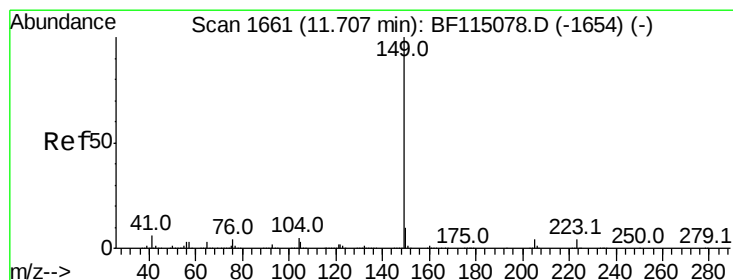
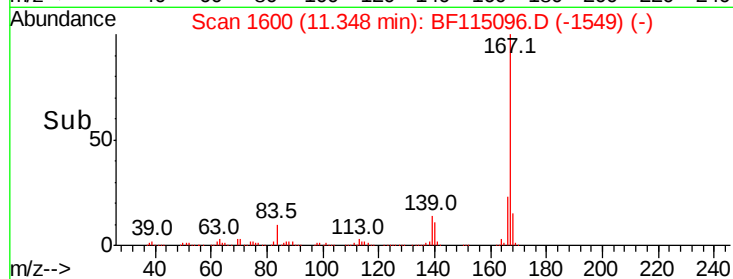
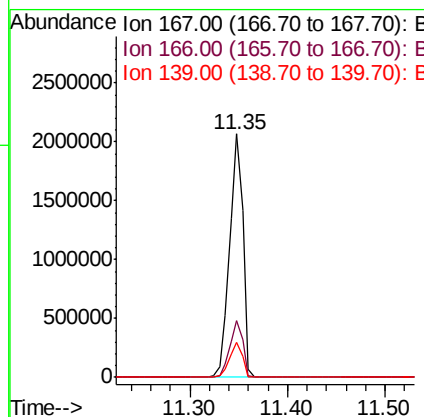
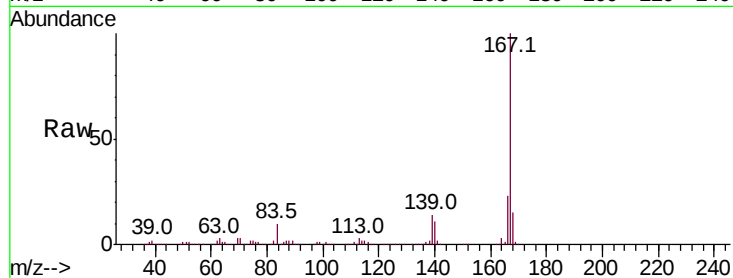


#73
 Carbazole
 Concen: 43.369 ng
 RT: 11.35 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: BF115096.D
 Acq: 21 Jun 2019 23:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1963230

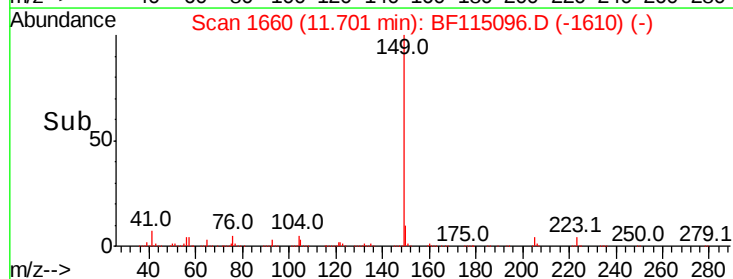
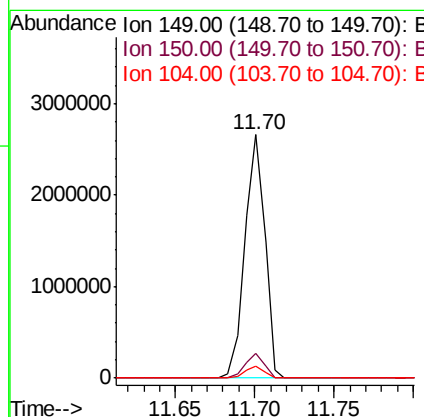
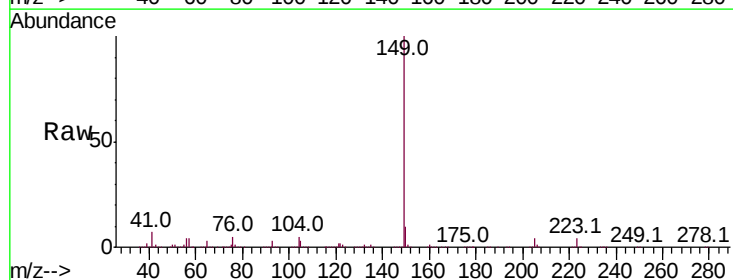
Ion	Ratio	Lower	Upper
167	100		
166	23.2	18.0	27.0
139	14.5	11.1	16.7

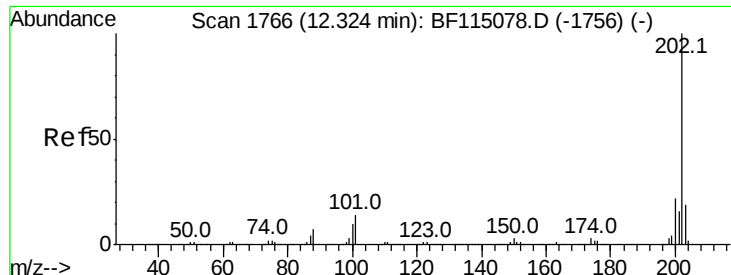


#74
 Di-n-butylphthalate
 Concen: 44.240 ng
 RT: 11.70 min Scan# 1660
 Delta R.T. -0.01 min
 Lab File: BF115096.D
 Acq: 21 Jun 2019 23:37

Tgt Ion:149 Resp: 2314169

Ion	Ratio	Lower	Upper
149	100		
150	10.3	7.8	11.8
104	5.1	3.7	5.5

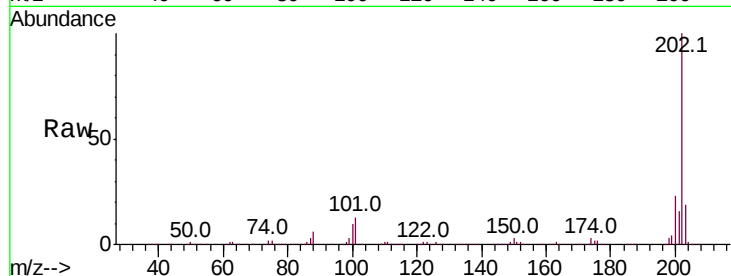




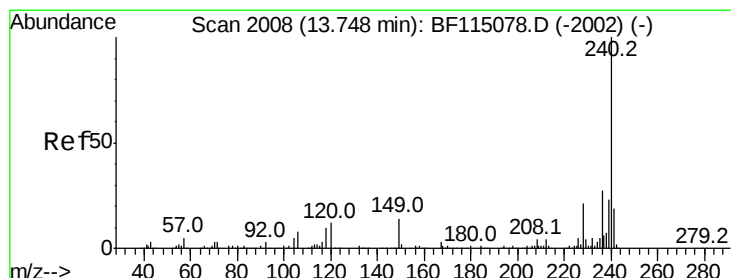
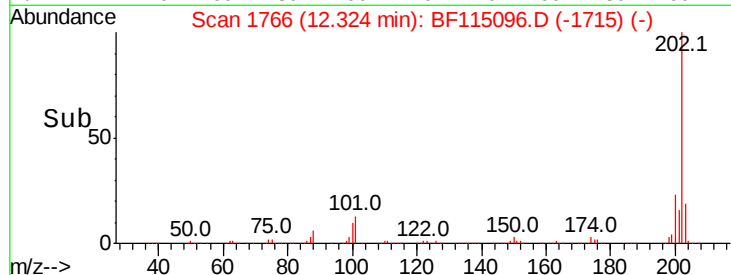
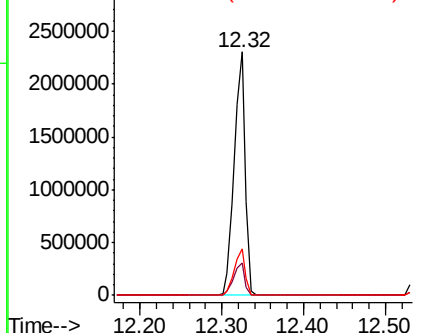
#75
 Fluoranthene
 Concen: 43.457 ng
 RT: 12.32 min Scan# 1766
 Delta R.T. -0.00 min
 Lab File: BF115096.D
 Acq: 21 Jun 2019 23:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 2177498
 Ion Ratio Lower Upper
 202 100
 101 13.2 0.0 34.0
 203 19.1 0.0 38.8

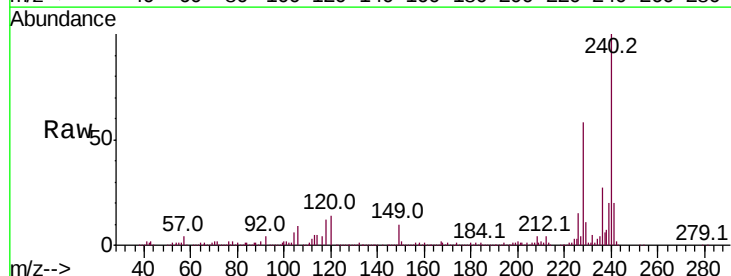


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

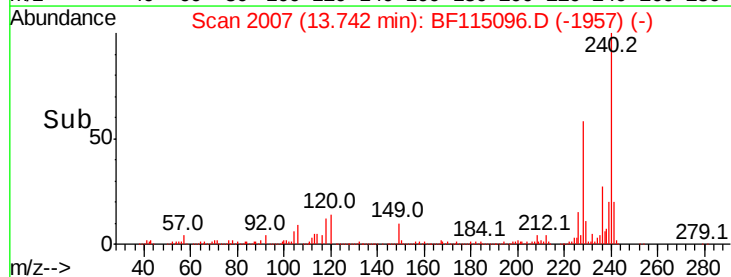
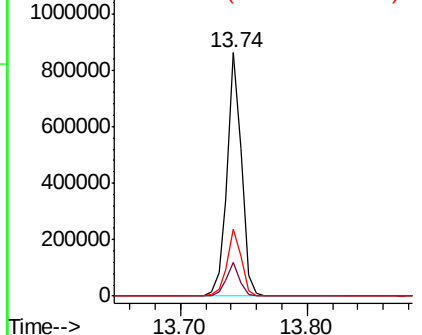


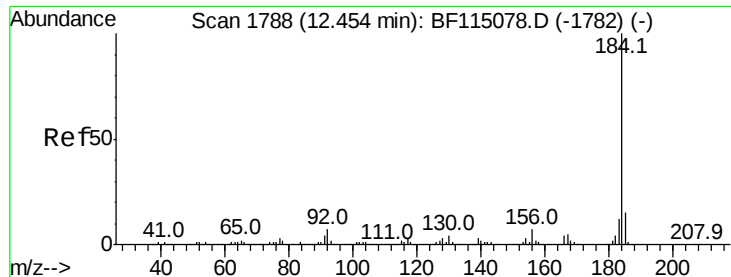
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.74 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF115096.D
 Acq: 21 Jun 2019 23:37

Tgt Ion:240 Resp: 676547
 Ion Ratio Lower Upper
 240 100
 120 13.6 9.4 14.2
 236 27.3 21.7 32.5



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





#77

Benzidine

Concen: 34.113 ng

RT: 12.45 min Scan# 1787

Delta R.T. -0.01 min

Lab File: BF115096.D

Acq: 21 Jun 2019 23:37

Instrument :

BNA_F

ClientSampleId :

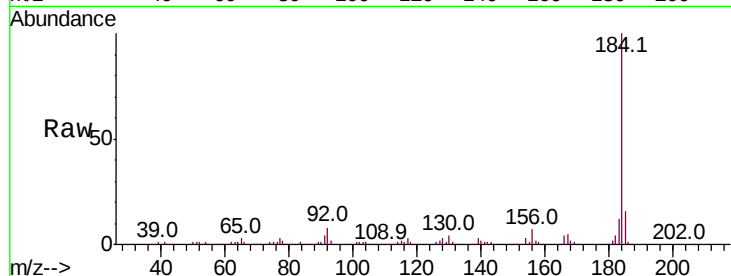
Tot Ion:184 Resp: 1024789

Ion Ratio Lower Upper

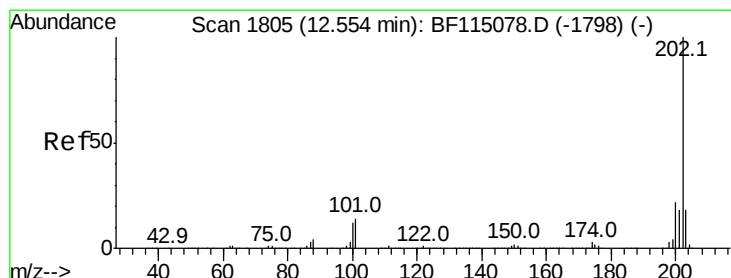
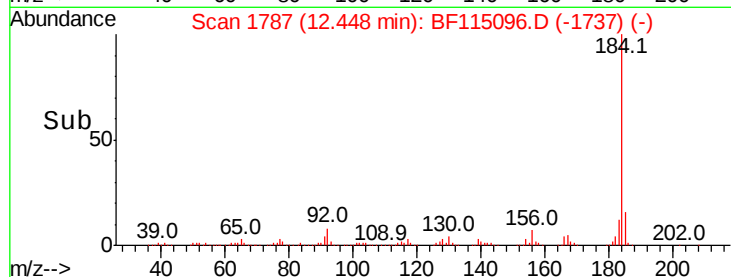
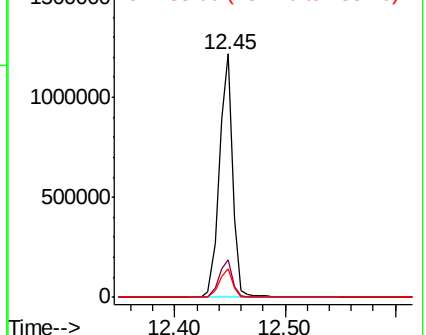
184 100

185 15.6 12.2 18.2

183 11.7 9.6 14.4



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



#78

Pyrene

Concen: 43.126 ng

RT: 12.55 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF115096.D

Acq: 21 Jun 2019 23:37

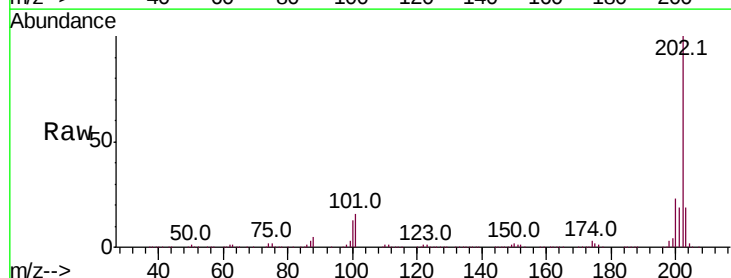
Tgt Ion:202 Resp: 2242247

Ion Ratio Lower Upper

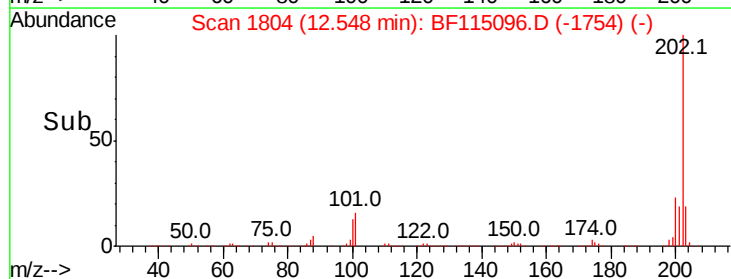
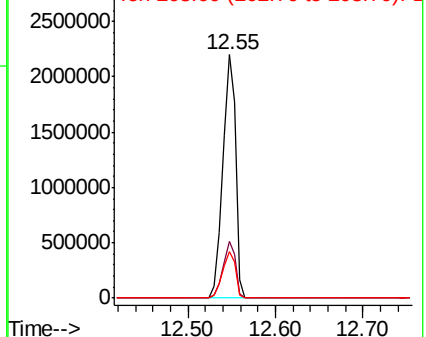
202 100

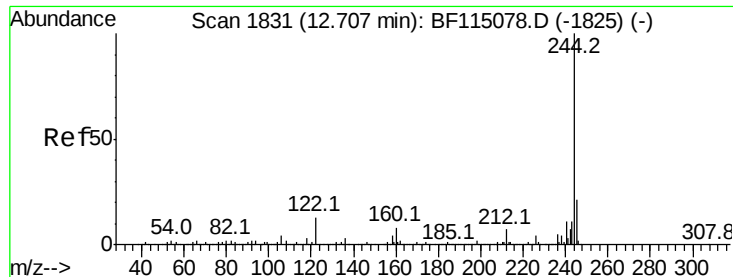
200 23.2 17.9 26.9

203 19.0 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: 82.410 ng

RT: 12.71 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BF115096.D

Acq: 21 Jun 2019 23:37

Instrument :

BNA_F

ClientSampled :

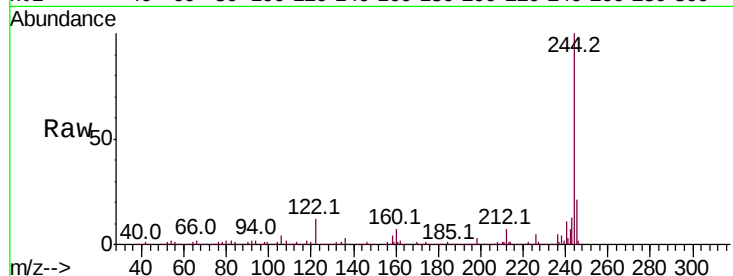
Tot Ion:244 Resp: 2622288

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

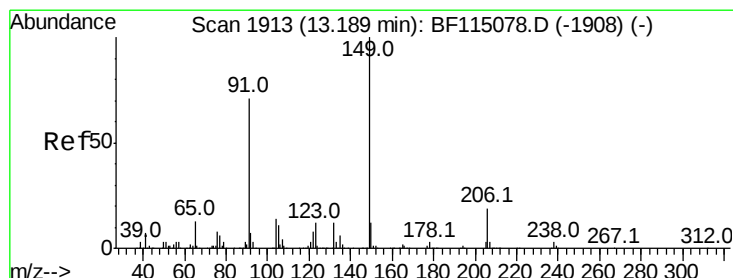
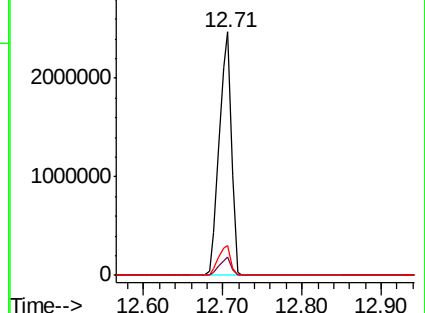
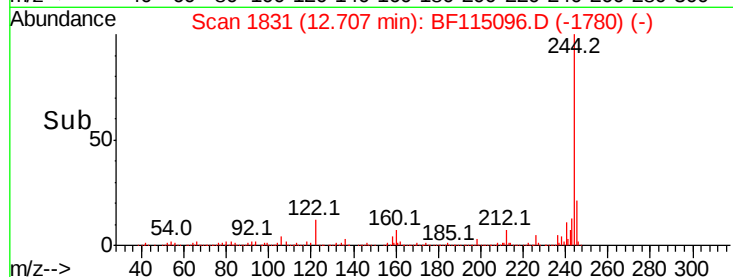
122 12.1 10.4 15.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 45.470 ng

RT: 13.19 min Scan# 1913

Delta R.T. -0.00 min

Lab File: BF115096.D

Acq: 21 Jun 2019 23:37

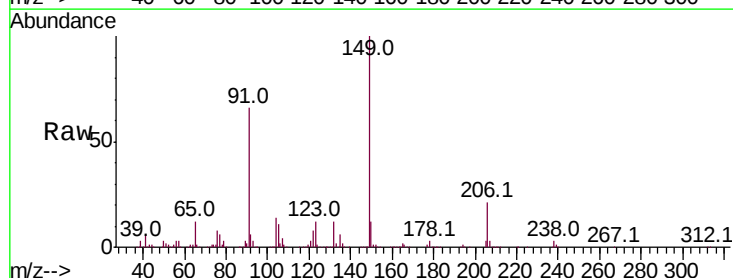
Tgt Ion:149 Resp: 1043320

Ion Ratio Lower Upper

149 100

91 65.9 56.5 84.7

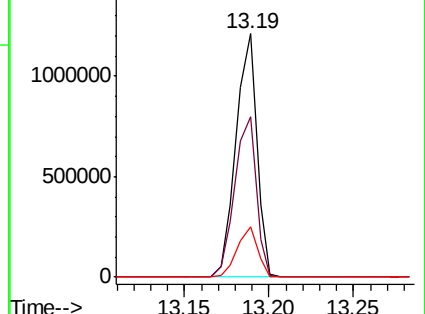
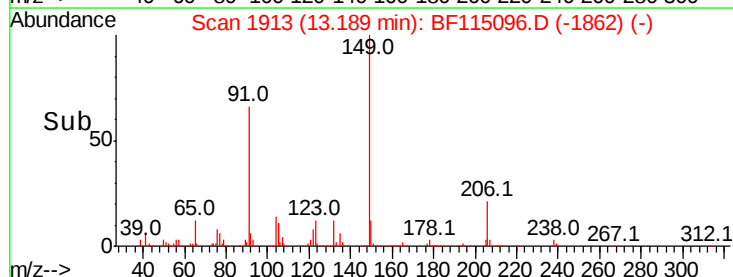
206 20.9 15.3 22.9

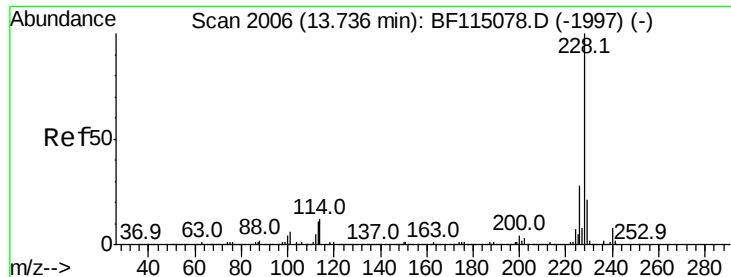


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.480 ng

RT: 13.73 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BF115096.D

Acq: 21 Jun 2019 23:37

Instrument :

BNA_F

ClientSampleId :

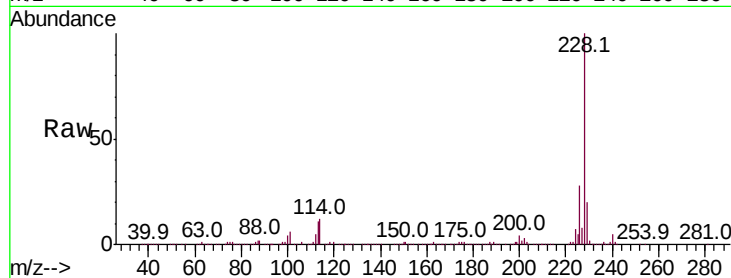
Tot Ion:228 Resp: 2062174

Ion Ratio Lower Upper

228 100

226 28.1 22.5 33.7

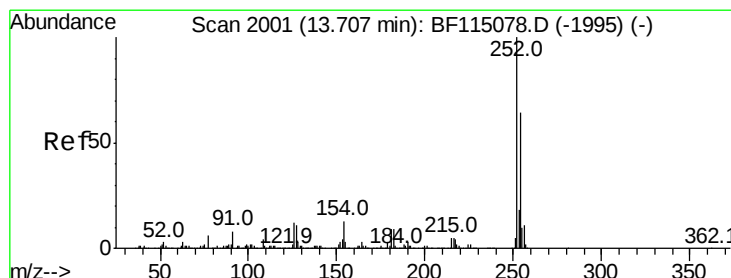
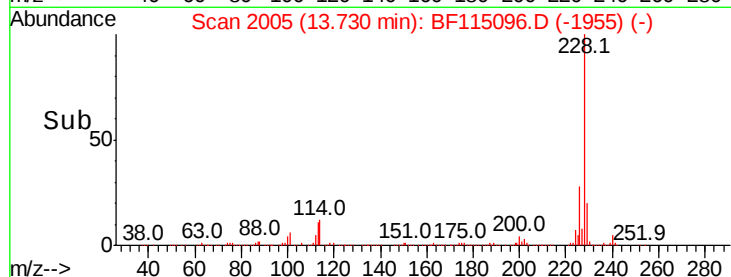
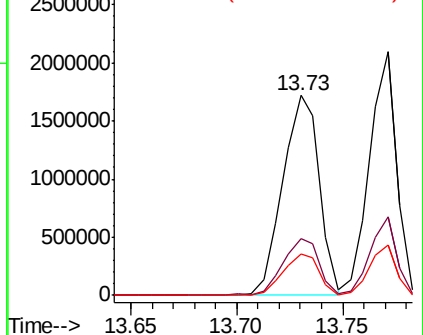
229 20.5 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 31.374 ng

RT: 13.70 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF115096.D

Acq: 21 Jun 2019 23:37

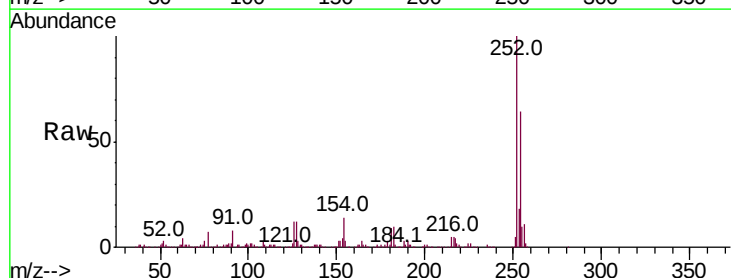
Tgt Ion:252 Resp: 549988

Ion Ratio Lower Upper

252 100

254 64.3 51.1 76.7

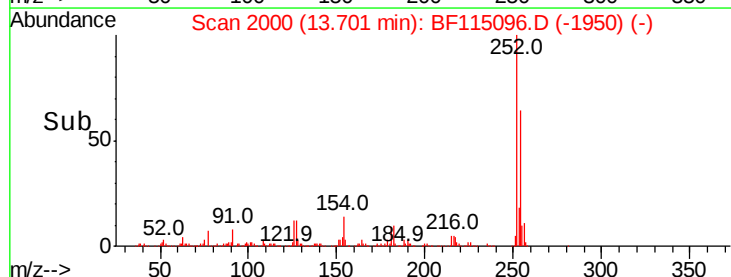
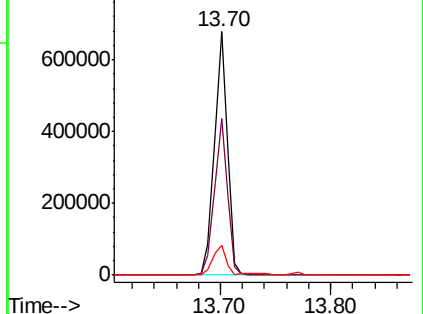
126 12.0 9.4 14.0

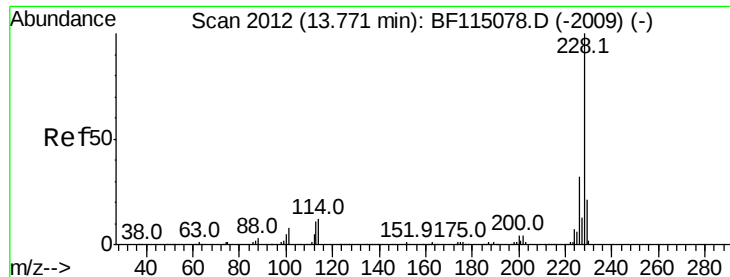


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 42.296 ng

RT: 13.77 min Scan# 2012

Delta R.T. -0.00 min

Lab File: BF115096.D

Acq: 21 Jun 2019 23:37

Instrument :

BNA_F

ClientSampled :

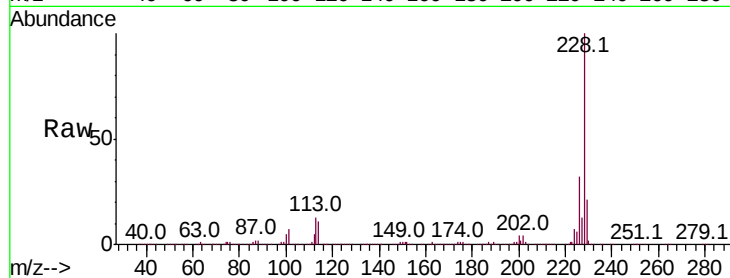
Tot Ion:228 Resp: 1880830

Ion Ratio Lower Upper

228 100

226 32.3 25.4 38.0

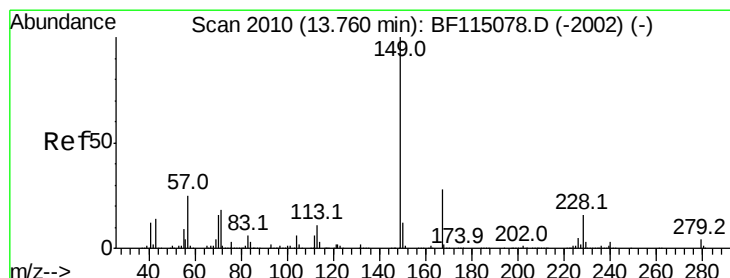
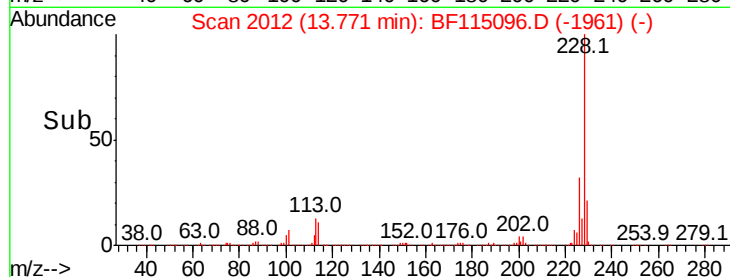
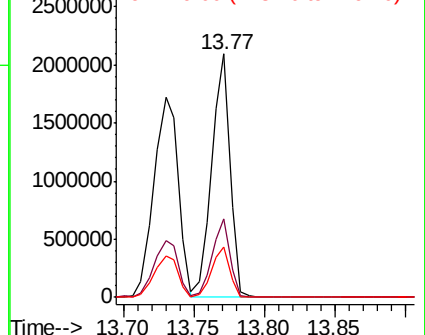
229 20.9 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.567 ng

RT: 13.75 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF115096.D

Acq: 21 Jun 2019 23:37

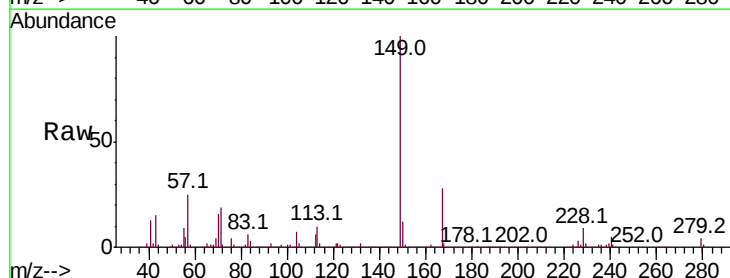
Tgt Ion:149 Resp: 1369987

Ion Ratio Lower Upper

149 100

167 27.8 22.2 33.4

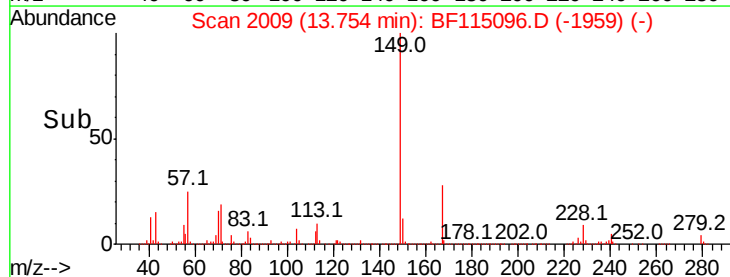
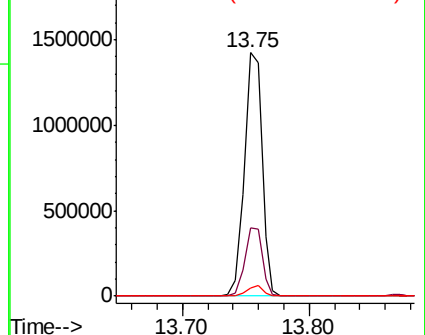
279 3.6 2.9 4.3

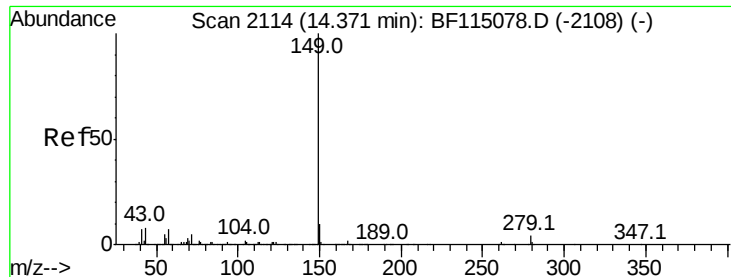


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

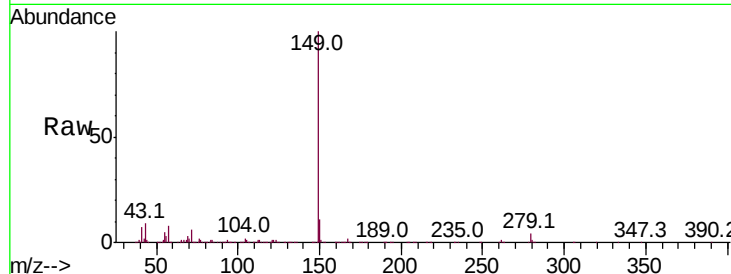




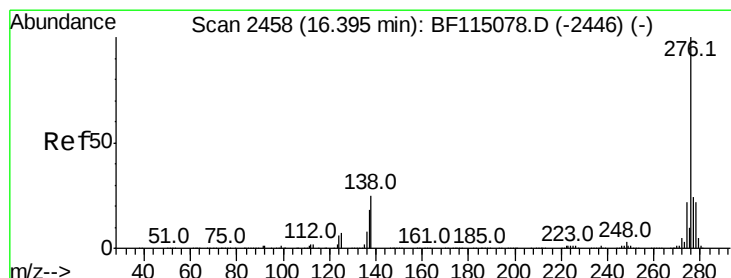
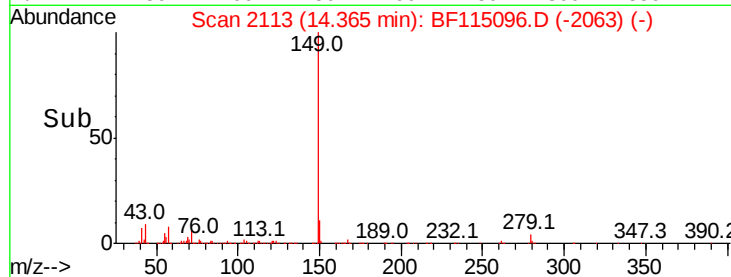
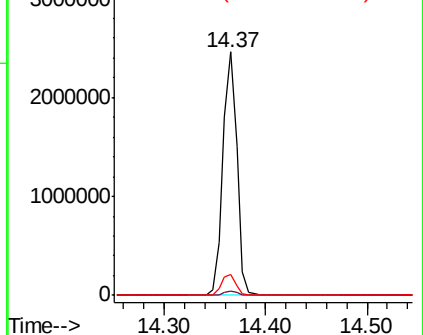
#85
Di-n-octyl phthalate
Concen: 46.798 ng
RT: 14.37 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BF115096.D
Acq: 21 Jun 2019 23:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 2363998
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 8.8 7.0 10.6

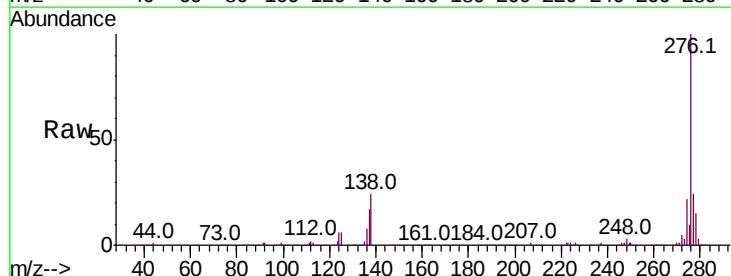


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

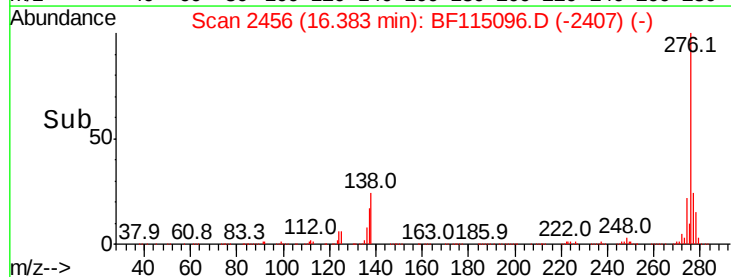
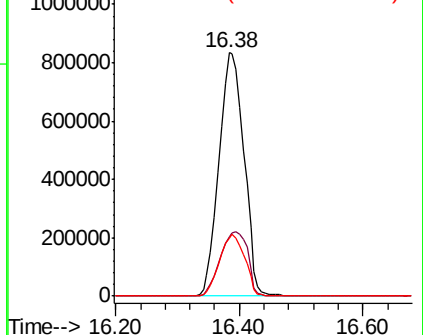


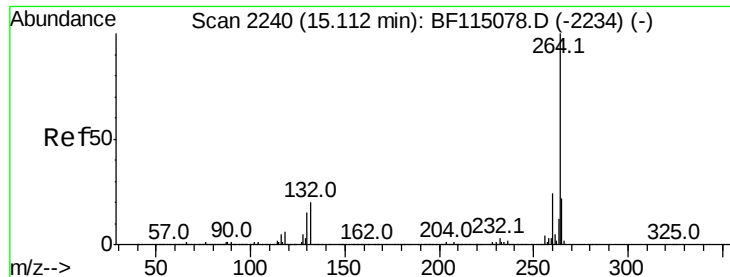
#86
Indeno(1,2,3-cd)pyrene
Concen: 44.649 ng
RT: 16.38 min Scan# 2456
Delta R.T. -0.01 min
Lab File: BF115096.D
Acq: 21 Jun 2019 23:37

Tgt Ion:276 Resp: 2349374
Ion Ratio Lower Upper
276 100
138 29.1 23.2 34.8
277 25.6 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



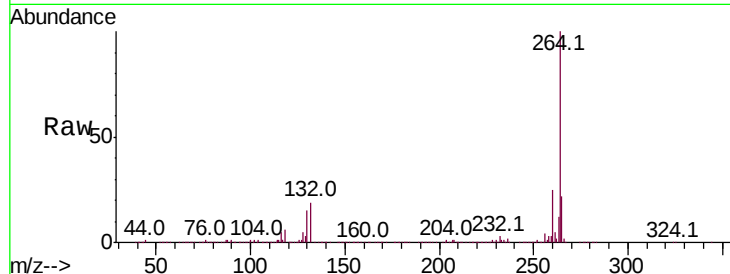


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.11 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BF115096.D
Acq: 21 Jun 2019 23:37

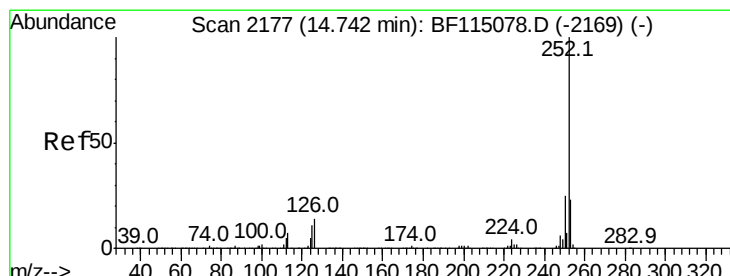
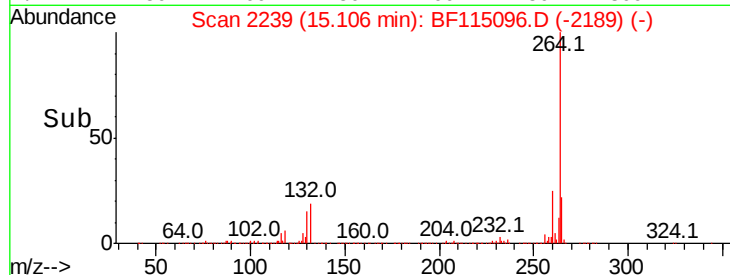
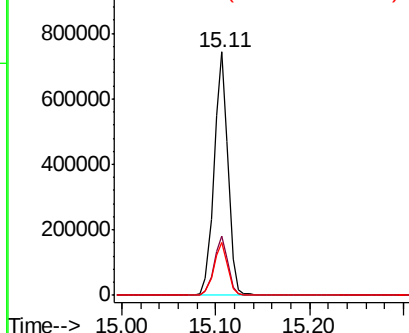
Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 778010

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.6	29.4
265	21.6	17.3	25.9



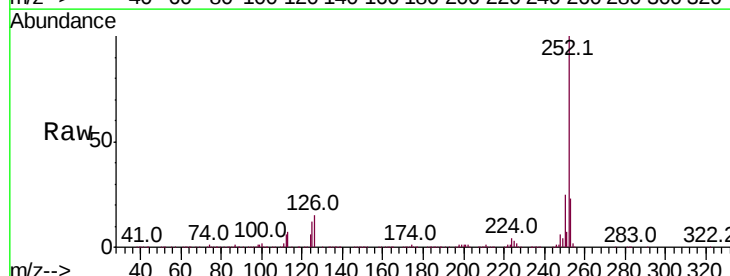
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



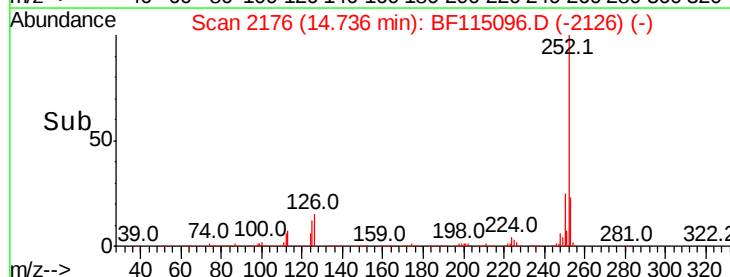
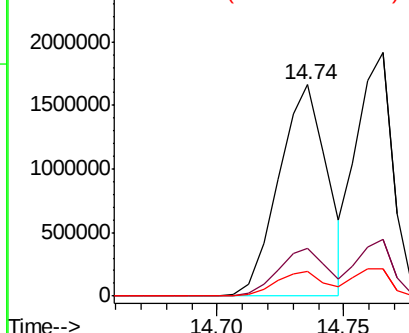
#88
Benzo(b)fluoranthene
Concen: 45.556 ng
RT: 14.74 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BF115096.D
Acq: 21 Jun 2019 23:37

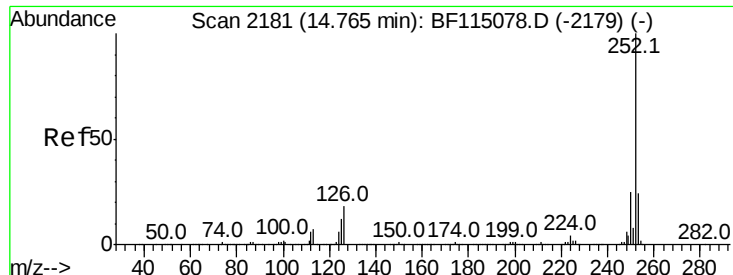
Tgt Ion:252 Resp: 2211533

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	11.5	8.7	13.1



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

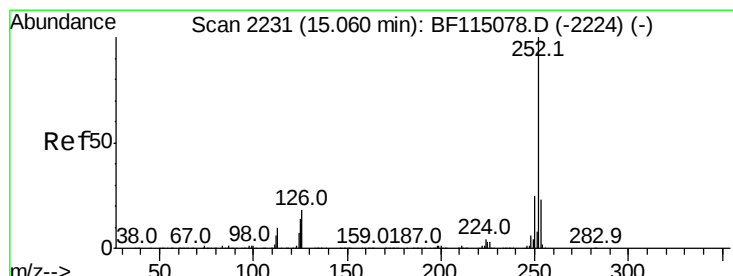
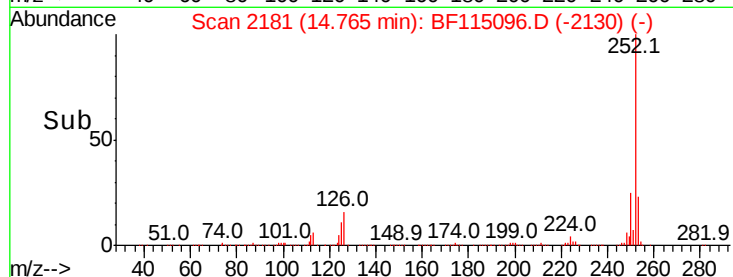
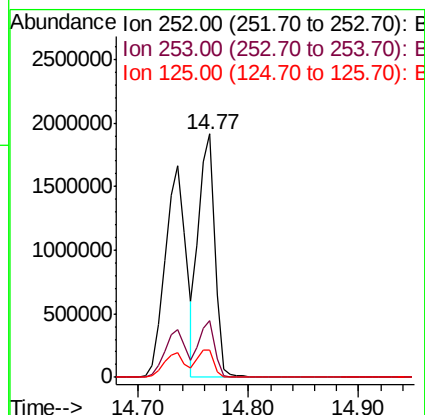
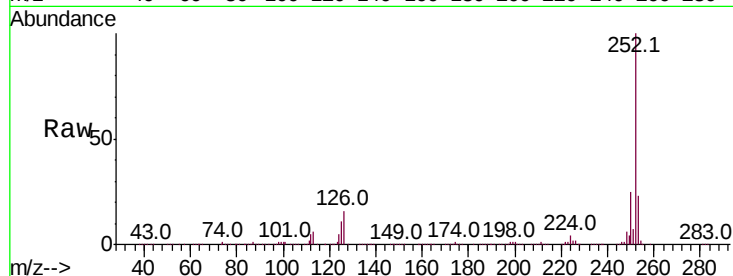




#89
Benzo(k)fluoranthene
Concen: 44.091 ng
RT: 14.77 min Scan# 2181
Delta R.T. -0.00 min
Lab File: BF115096.D
Acq: 21 Jun 2019 23:37

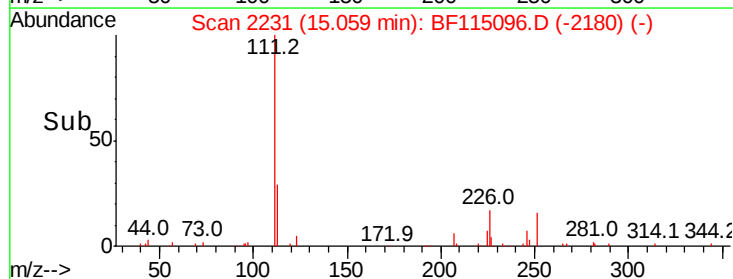
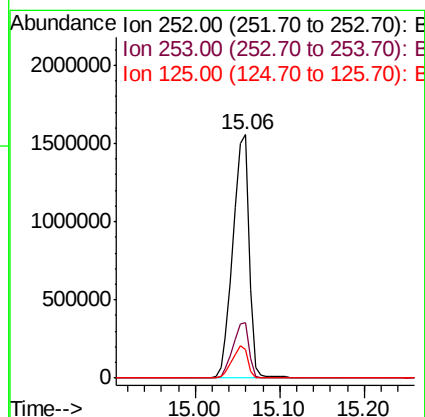
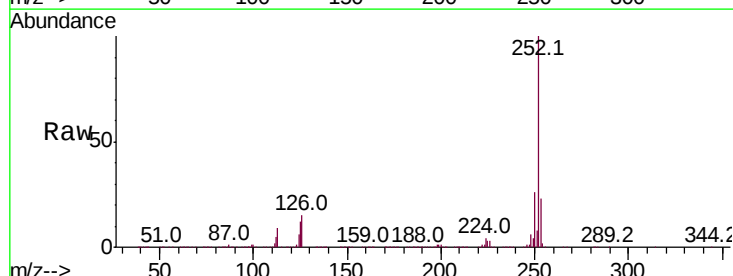
Instrument :
BNA_F
ClientSampleId :

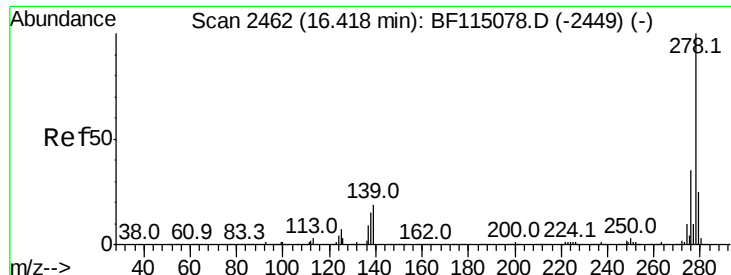
Tot Ion:252 Resp: 1919506
Ion Ratio Lower Upper
252 100
253 23.1 18.9 28.3
125 11.0 10.2 15.2



#90
Benzo(a)pyrene
Concen: 46.761 ng
RT: 15.06 min Scan# 2231
Delta R.T. -0.00 min
Lab File: BF115096.D
Acq: 21 Jun 2019 23:37

Tgt Ion:252 Resp: 2046034
Ion Ratio Lower Upper
252 100
253 23.0 18.3 27.5
125 11.9 10.9 16.3



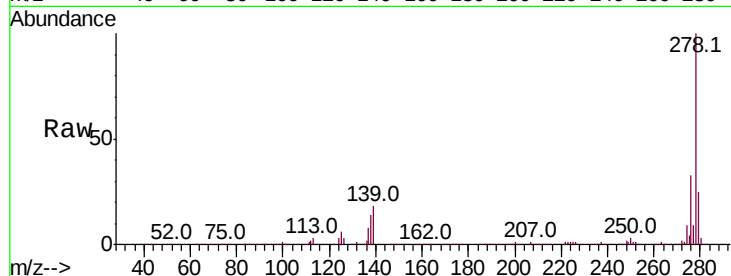


#91
 Dibenzo(a,h)anthracene
 Concen: 47.224 ng
 RT: 16.41 min Scan# 2461
 Delta R.T. -0.01 min
 Lab File: BF115096.D
 Acq: 21 Jun 2019 23:37

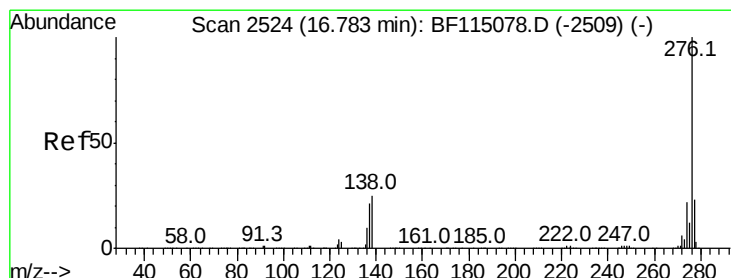
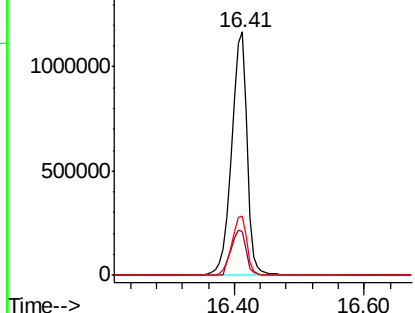
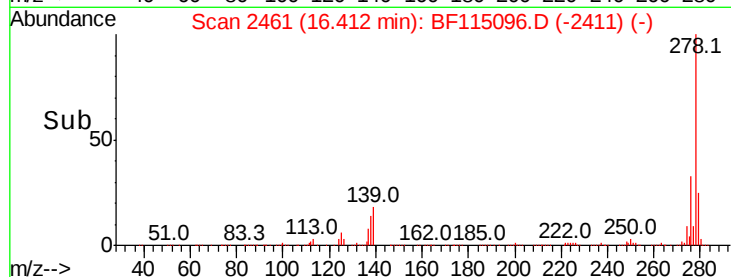
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:278 Resp: 1928994

Ion	Ratio	Lower	Upper
278	100		
139	18.1	15.4	23.2
279	24.6	19.9	29.9



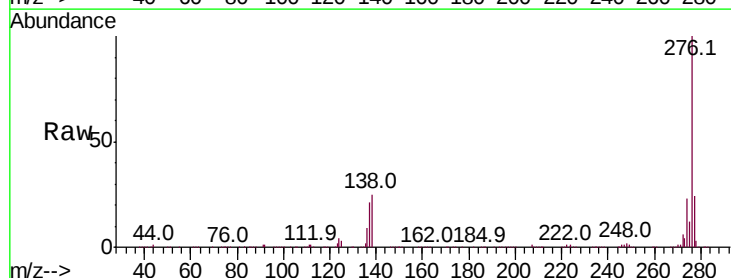
Abundance Ion 278.00 (277.70 to 278.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 279.00 (278.70 to 279.70): E



#92
 Benzo(g,h,i)perylene
 Concen: 47.677 ng
 RT: 16.78 min Scan# 2523
 Delta R.T. -0.01 min
 Lab File: BF115096.D
 Acq: 21 Jun 2019 23:37

Tgt Ion:276 Resp: 1971093

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.6	28.0
138	24.7	19.8	29.6



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

