

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062119\
 Data File : BF115104.D
 Acq On : 22 Jun 2019 3:09
 Operator : HP/JU
 Sample : PB120595BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120595BS

Quant Time: Jun 22 05:00:12 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	271958	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	1064416	20.00	ng	0.00
39) Acenaphthene-d10	9.65	164	531505	20.00	ng	0.00
64) Phenanthrene-d10	11.12	188	1045967	20.00	ng	0.00
76) Chrysene-d12	13.74	240	737600	20.00	ng	0.00
87) Perylene-d12	15.11	264	831742	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.22	112	1970368	111.80	ng	0.02
7) Phenol-d6	6.26	99	2428864	113.55	ng	0.00
23) Nitrobenzene-d5	7.18	82	1502426	86.83	ng	0.00
42) 2,4,6-Tribromophenol	10.43	330	696523	124.27	ng	0.00
45) 2-Fluorobiphenyl	8.98	172	2806577	89.69	ng	0.00
79) Terphenyl-d14	12.71	244	2980697	85.92	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.29	88	303676	36.511	ng	100
3) Pyridine	2.94	79	854097	36.434	ng	98
4) n-Nitrosodimethylamine	2.89	42	362790	39.476	ng	99
6) Aniline	6.28	93	761172	25.892	ng	# 78
8) 2-Chlorophenol	6.40	128	811097	40.930	ng	99
9) Benzaldehyde	6.15	77	169057	12.114	ng	97
10) Phenol	6.27	94	934489	37.296	ng	96
11) bis(2-Chloroethyl)ether	6.36	93	747967	40.497	ng	100
12) 1,3-Dichlorobenzene	6.55	146	871398	39.622	ng	99
13) 1,4-Dichlorobenzene	6.63	146	883948	40.082	ng	98
14) 1,2-Dichlorobenzene	6.78	146	820605	40.180	ng	98
15) Benzyl Alcohol	6.77	79	599572	38.494	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.90	45	1080239	40.325	ng	100
17) 2-Methylphenol	6.88	107	684346	41.838	ng	99
18) Hexachloroethane	7.13	117	321097	40.386	ng	98
19) n-Nitroso-di-n-propylamine	7.04	70	539637	39.406	ng	98
20) 3+4-Methylphenols	7.03	107	780151	41.306	ng	95
22) Acetophenone	7.03	105	1074073	44.077	ng	# 98
24) Nitrobenzene	7.20	77	823878	43.219	ng	99
25) Isophorone	7.44	82	1557327	43.935	ng	99
26) 2-Nitrophenol	7.51	139	442319	46.985	ng	98
27) 2,4-Dimethylphenol	7.56	122	767597	49.800	ng	100
28) bis(2-Chloroethoxy)methane	7.66	93	959380	42.822	ng	99
29) 2,4-Dichlorophenol	7.75	162	717730	45.122	ng	97
30) 1,2,4-Trichlorobenzene	7.84	180	773819	44.042	ng	99
31) Naphthalene	7.92	128	2298012	43.982	ng	99
32) Benzoic acid	7.70	122	587784	53.424	ng	100
33) 4-Chloroaniline	7.97	127	496280	20.783	ng	100
34) Hexachlorobutadiene	8.05	225	413800	42.977	ng	99
35) Caprolactam	8.34	113	124776	23.332	ng	96
36) 4-Chloro-3-methylphenol	8.46	107	714776	44.371	ng	95
37) 2-Methylnaphthalene	8.61	142	1600962	45.444	ng	99
38) 1-Methylnaphthalene	8.71	142	1516544	45.073	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.78	216	638320	42.500	ng	99

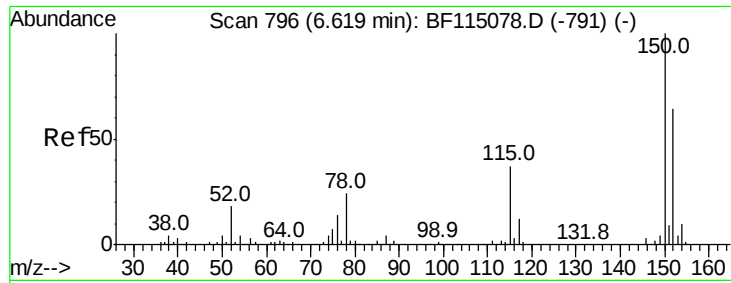
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062119\
 Data File : BF115104.D
 Acq On : 22 Jun 2019 3:09
 Operator : HP/JU
 Sample : PB120595BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120595BS

Quant Time: Jun 22 05:00:12 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)
41) Hexachlorocyclopentadiene	8.77	237	757632	85.070	ng	100
43) 2,4,6-Trichlorophenol	8.89	196	513272	44.265	ng	99
44) 2,4,5-Trichlorophenol	8.93	196	526380	44.081	ng	98
46) 1,1'-Biphenyl	9.08	154	1810501	42.572	ng	98
47) 2-Chloronaphthalene	9.10	162	1480289	42.911	ng	97
48) 2-Nitroaniline	9.19	65	433296	43.083	ng	95
49) Acenaphthylene	9.51	152	2315951	43.090	ng	99
50) Dimethylphthalate	9.38	163	1701233	43.505	ng	99
51) 2,6-Dinitrotoluene	9.44	165	406013	44.973	ng	98
52) Acenaphthene	9.68	154	1410608	41.942	ng	99
53) 3-Nitroaniline	9.60	138	305316	27.713	ng	98
54) 2,4-Dinitrophenol	9.71	184	424793	90.392	ng	98
55) Dibenzofuran	9.85	168	2018611	41.818	ng	99
56) 4-Nitrophenol	9.77	139	773027	87.522	ng	98
57) 2,4-Dinitrotoluene	9.84	165	543593	46.633	ng	91
58) Fluorene	10.20	166	1388849	42.908	ng	97
59) 2,3,4,6-Tetrachlorophenol	9.97	232	457984	45.739	ng	99
60) Diethylphthalate	10.08	149	1710020	43.504	ng	100
61) 4-Chlorophenyl-phenylether	10.19	204	660032	42.898	ng	97
62) 4-Nitroaniline	10.21	138	468666	42.405	ng	97
63) Azobenzene	10.35	77	1597798	43.519	ng	97
65) 4,6-Dinitro-2-methylphenol	10.24	198	256001	46.205	ng	93
66) n-Nitrosodiphenylamine	10.31	169	1434509	44.021	ng	99
67) 4-Bromophenyl-phenylether	10.68	248	485722	42.831	ng	94
68) Hexachlorobenzene	10.74	284	529018	42.977	ng	94
69) Atrazine	10.84	200	451816	43.102	ng	99
70) Pentachlorophenol	10.93	266	630616	80.416	ng	97
71) Phenanthrene	11.15	178	2297325	40.793	ng	100
72) Anthracene	11.20	178	2385928	41.971	ng	98
73) Carbazole	11.35	167	2147325	42.301	ng	98
74) Di-n-butylphthalate	11.70	149	2496542	42.560	ng	98
75) Fluoranthene	12.32	202	2389691	42.529	ng	99
77) Benzidine	12.45	184	868197	26.508	ng	100
78) Pyrene	12.55	202	2466216	43.507	ng	98
80) Butylbenzylphthalate	13.19	149	1157406	46.267	ng	93
81) Benzo(a)anthracene	13.73	228	2241772	42.357	ng	98
82) 3,3'-Dichlorobenzidine	13.70	252	612343	32.039	ng	98
83) Chrysene	13.77	228	2051236	42.310	ng	98
84) Bis(2-ethylhexyl)phthalate	13.75	149	1498697	45.722	ng	100
85) Di-n-octyl phthalate	14.37	149	2580879	46.863	ng	100
86) Indeno(1,2,3-cd)pyrene	16.39	276	2562453	44.668	ng	99
88) Benzo(b)fluoranthene	14.74	252	2393883	46.126	ng	99
89) Benzo(k)fluoranthene	14.77	252	2108668	45.307	ng	99
90) Benzo(a)pyrene	15.06	252	2239190	47.870	ng	98
91) Dibenzo(a,h)anthracene	16.41	278	2118392	48.510	ng	99
92) Benzo(g,h,i)perylene	16.78	276	2156475	48.791	ng	98

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

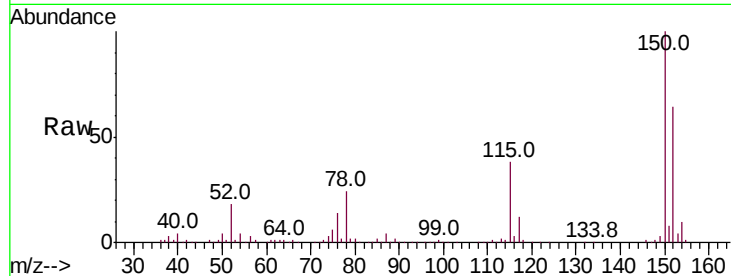


#1

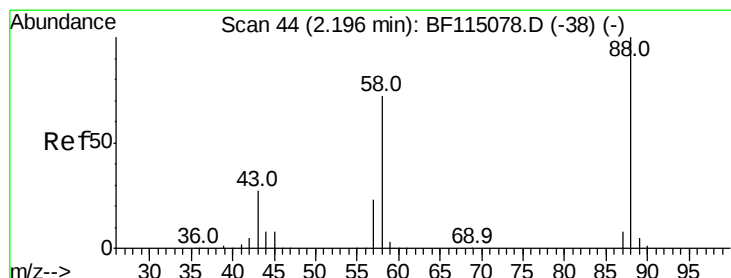
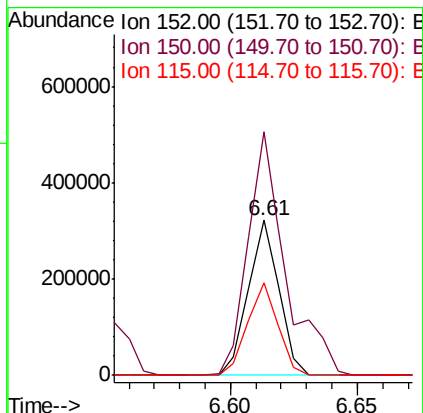
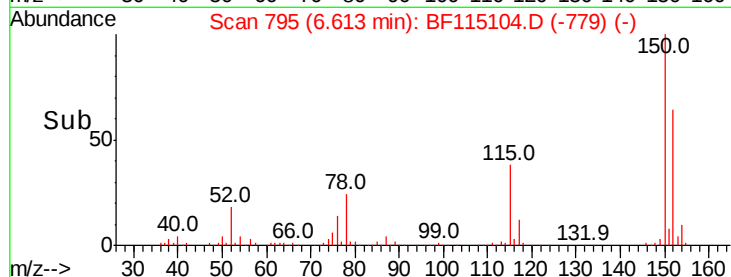
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Instrument :
BNA_F
ClientSampleId :
PB120595BS

Tot Ion:152 Resp: 271958
Ion Ratio Lower Upper
152 100
150 157.2 124.2 186.2
115 59.5 46.1 69.1



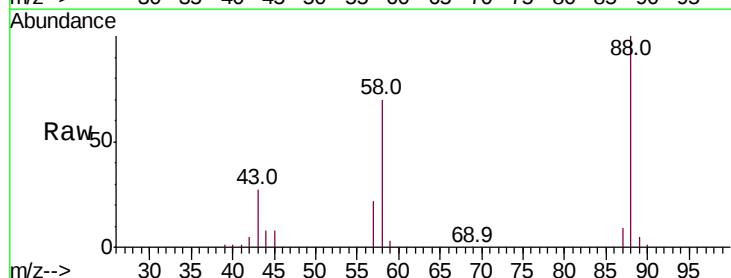
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



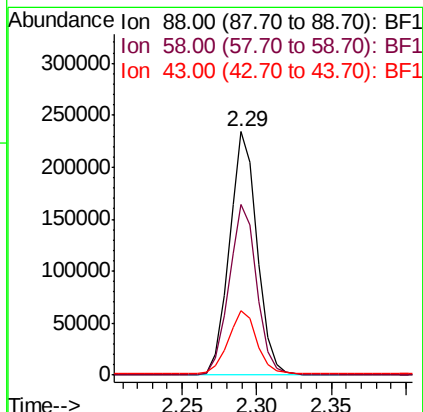
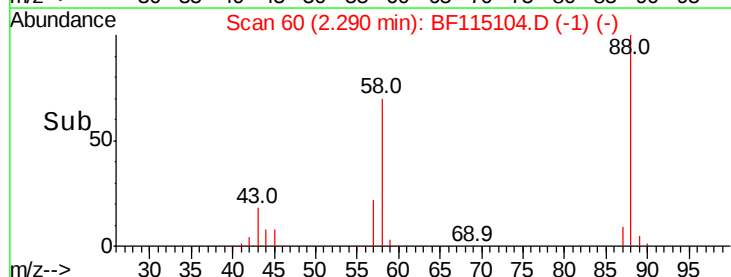
#2

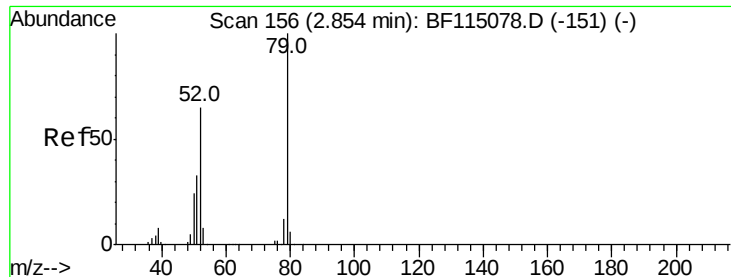
1,4-Dioxane
Concen: 36.511 ng
RT: 2.29 min Scan# 60
Delta R.T. 0.09 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Tgt Ion: 88 Resp: 303676
Ion Ratio Lower Upper
88 100
58 70.1 56.1 84.1
43 26.3 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

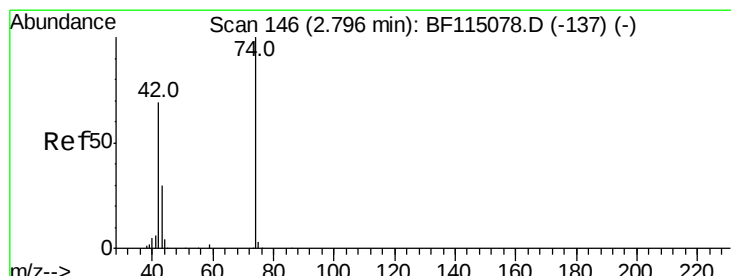
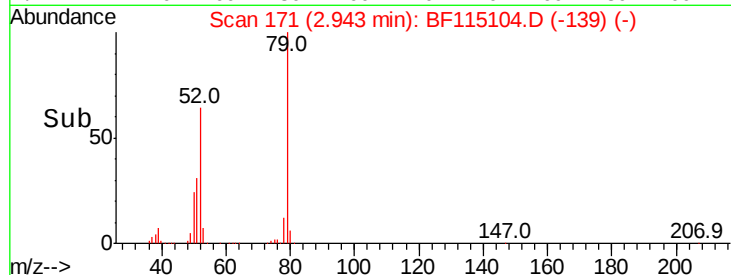
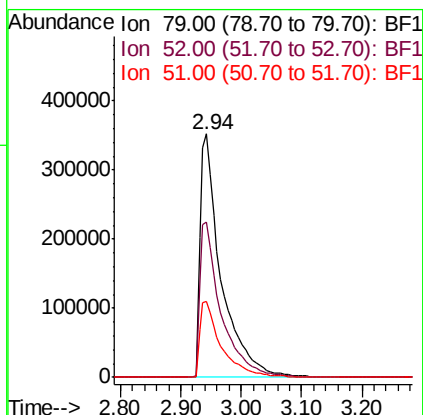
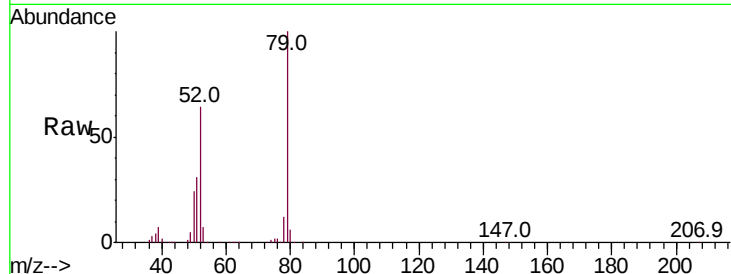




#3
 Pvridine
 Concen: 36.434 ng
 RT: 2.94 min Scan# 171
 Delta R.T. 0.09 min
 Lab File: BF115104.D
 Acq: 22 Jun 2019 3:09

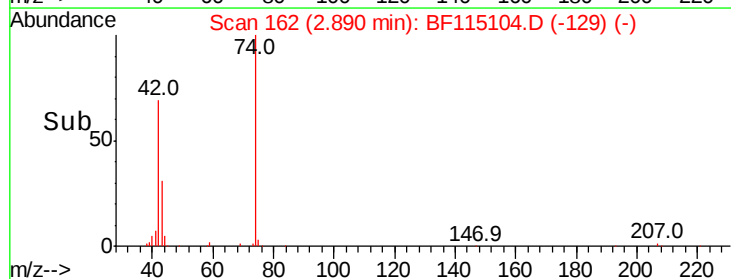
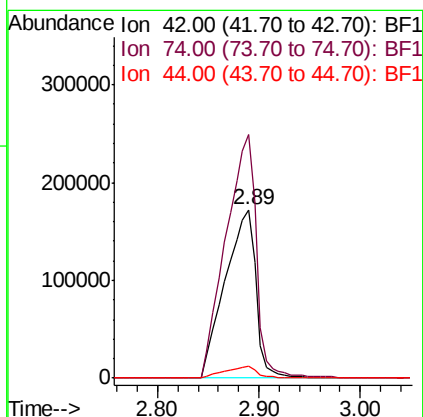
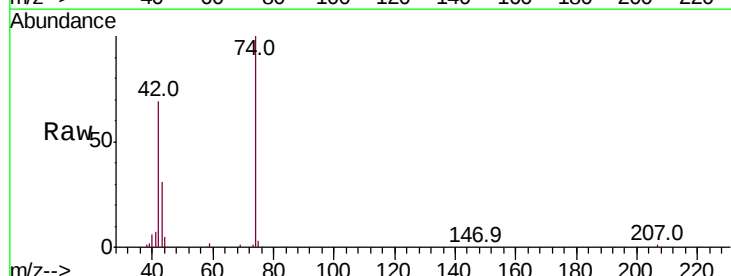
Instrument :
 BNA_F
 ClientSampleId :
 PB120595BS

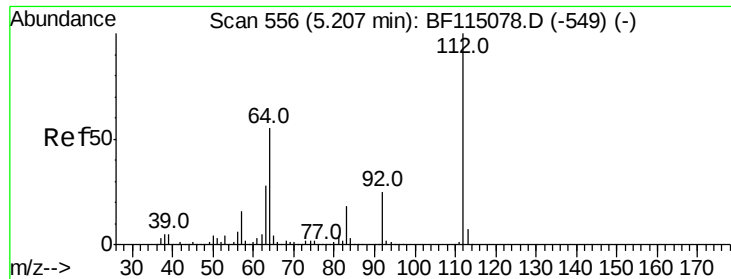
Tot Ion: 79 Resp: 854097
 Ion Ratio Lower Upper
 79 100
 52 63.8 52.3 78.5
 51 31.0 26.1 39.1



#4
 n-Nitrosodimethylamine
 Concen: 39.476 ng
 RT: 2.89 min Scan# 162
 Delta R.T. 0.09 min
 Lab File: BF115104.D
 Acq: 22 Jun 2019 3:09

Tgt Ion: 42 Resp: 362790
 Ion Ratio Lower Upper
 42 100
 74 144.8 116.6 175.0
 44 7.3 5.3 7.9





#5

2-Fluorophenol

Concen: 111.804 ng

RT: 5.22 min Scan# 559

Delta R.T. 0.02 min

Lab File: BF115104.D

Acq: 22 Jun 2019 3:09

Instrument :

BNA_F

ClientSampleId :

PB120595BS

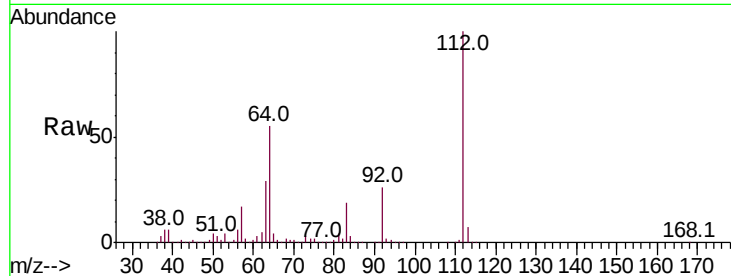
Tot Ion:112 Resp: 1970368

Ion Ratio Lower Upper

112 100

64 55.2 43.8 65.6

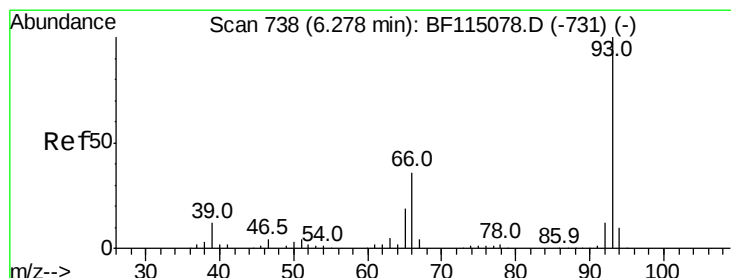
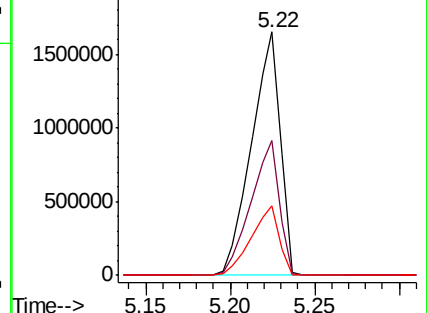
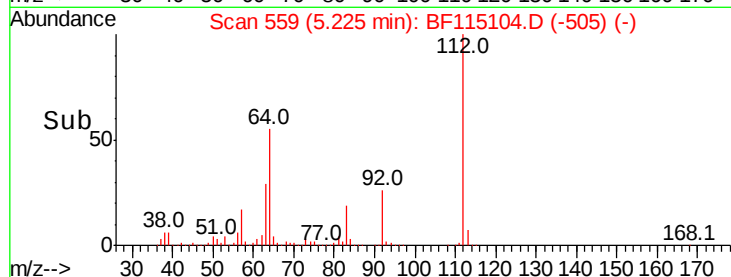
63 28.5 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 25.892 ng

RT: 6.28 min Scan# 738

Delta R.T. -0.00 min

Lab File: BF115104.D

Acq: 22 Jun 2019 3:09

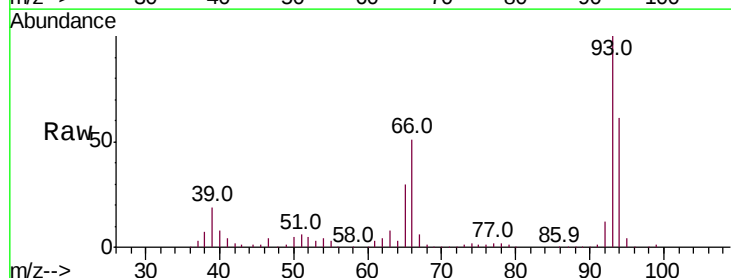
Tgt Ion: 93 Resp: 761172

Ion Ratio Lower Upper

93 100

66 51.0 30.0 45.0#

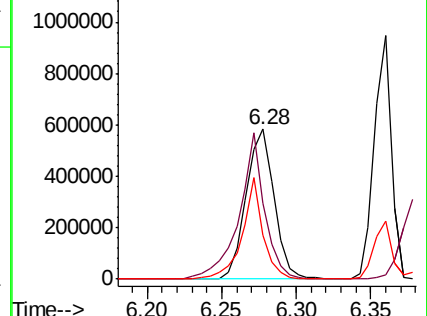
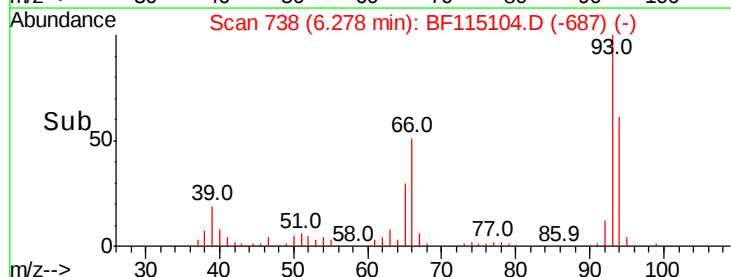
65 29.6 15.6 23.4#

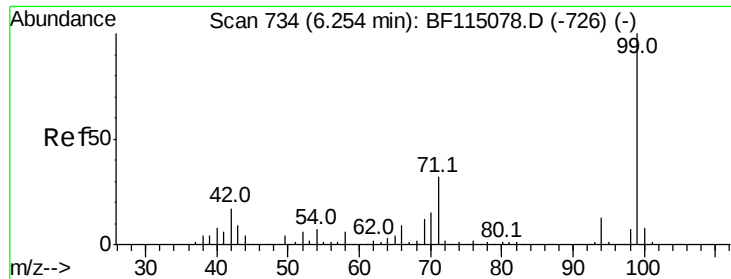


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 113.549 ng

RT: 6.26 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF115104.D

Acq: 22 Jun 2019 3:09

Instrument :

BNA_F

ClientSampleId :

PB120595BS

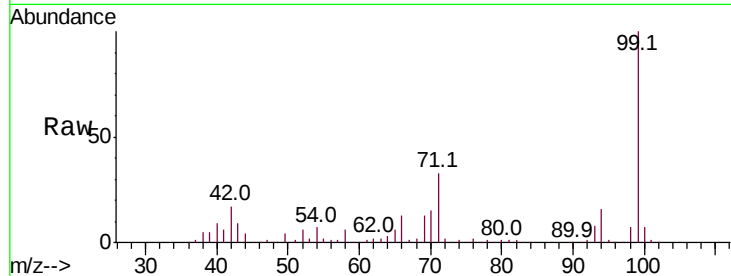
Tot Ion: 99 Resp: 2428864

Ion Ratio Lower Upper

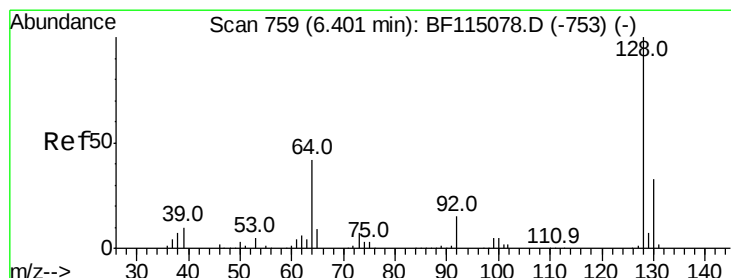
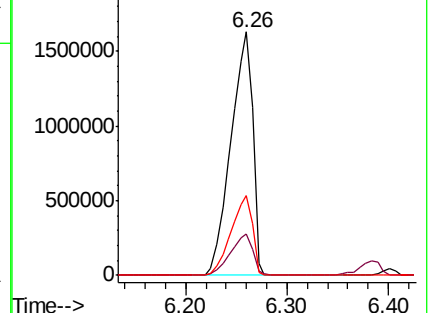
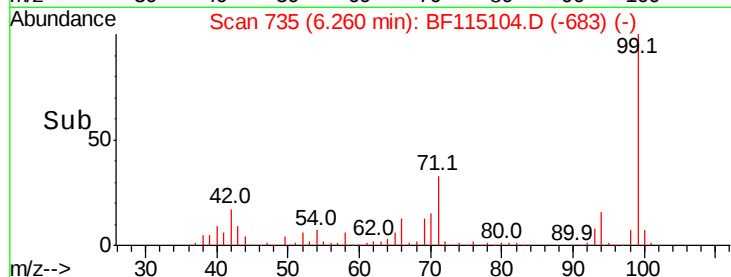
99 100

42 17.2 13.6 20.4

71 33.0 25.5 38.3



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



#8

2-Chlorophenol

Concen: 40.930 ng

RT: 6.40 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF115104.D

Acq: 22 Jun 2019 3:09

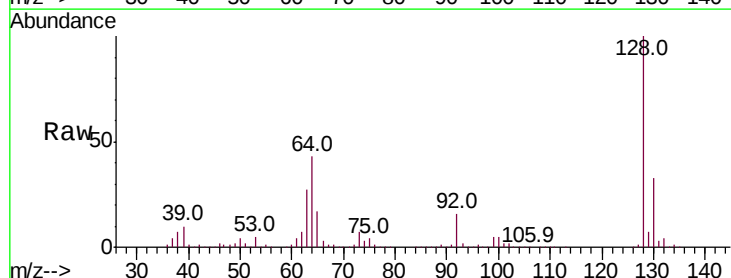
Tgt Ion:128 Resp: 811097

Ion Ratio Lower Upper

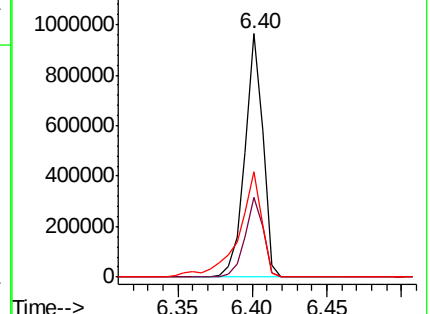
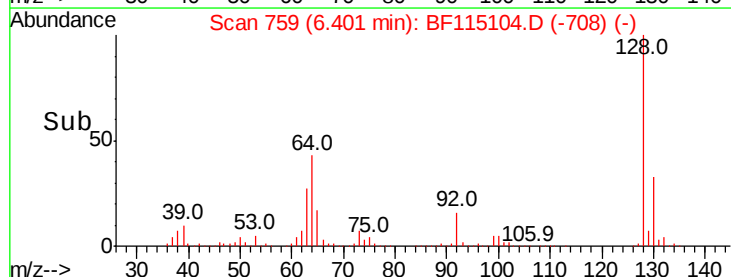
128 100

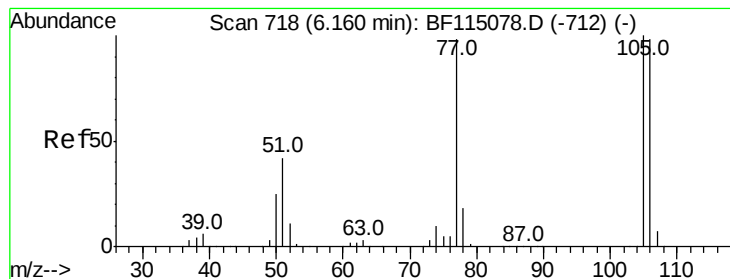
130 33.0 12.9 52.9

64 43.5 22.9 62.9



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





#9

Benzaldehyde

Concen: 12.114 ng

RT: 6.15 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF115104.D

Acq: 22 Jun 2019 3:09

Instrument :

BNA_F

ClientSampled :

PB120595BS

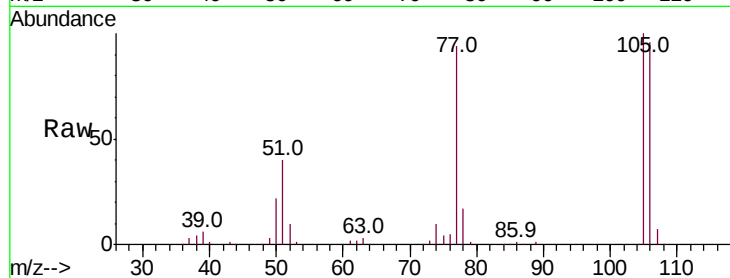
Tot Ion: 77 Resp: 169057

Ion Ratio Lower Upper

77 100

105 106.3 81.5 121.5

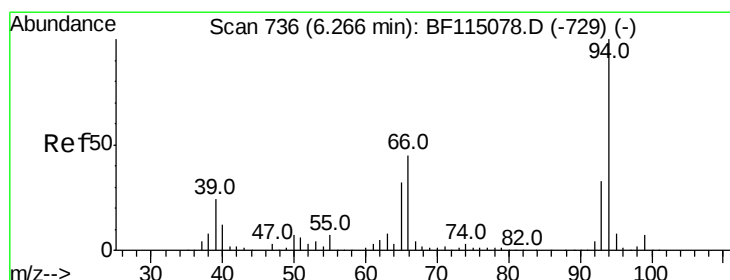
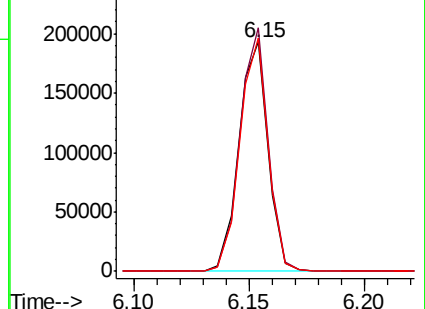
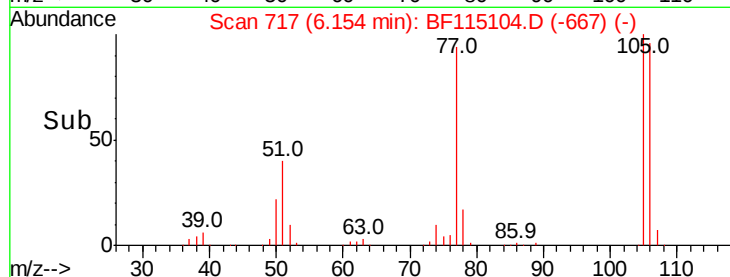
106 101.8 79.7 119.7



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 37.296 ng

RT: 6.27 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF115104.D

Acq: 22 Jun 2019 3:09

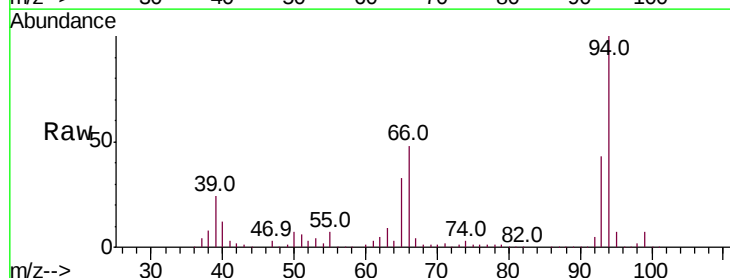
Tgt Ion: 94 Resp: 934489

Ion Ratio Lower Upper

94 100

65 33.4 11.9 51.9

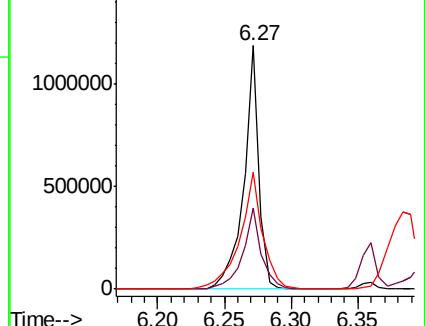
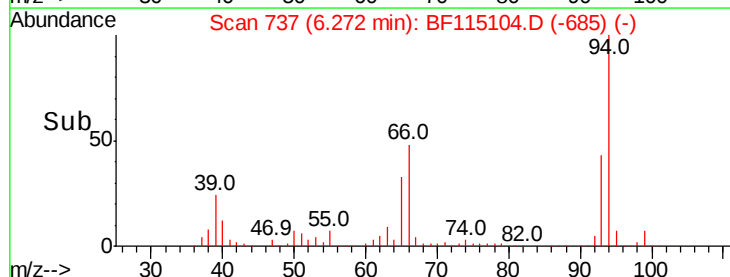
66 48.2 25.2 65.2

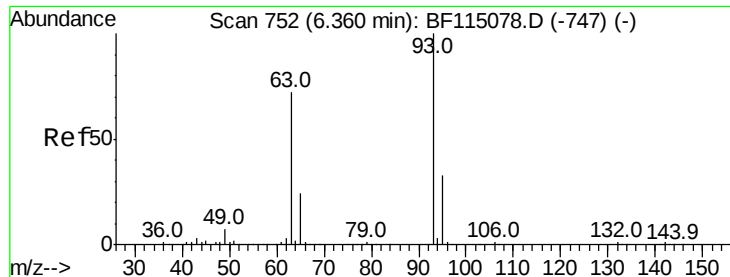


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

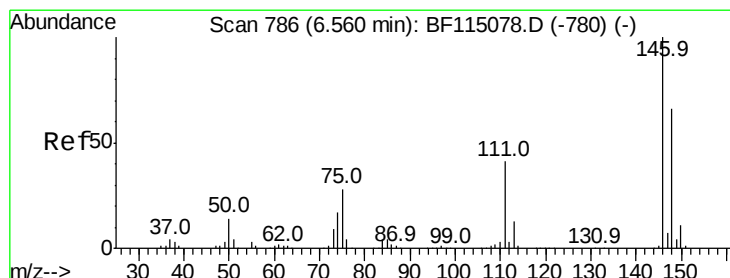
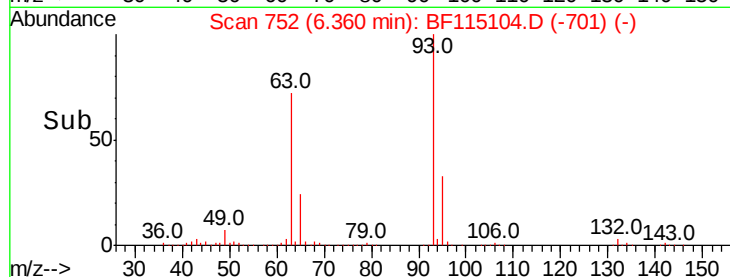
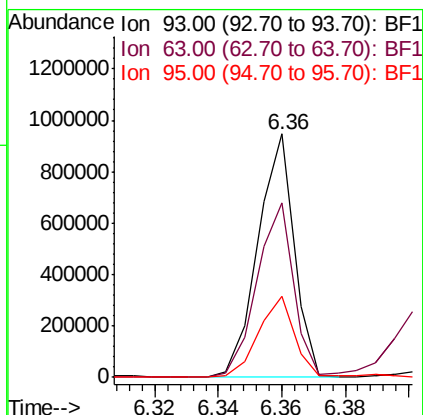
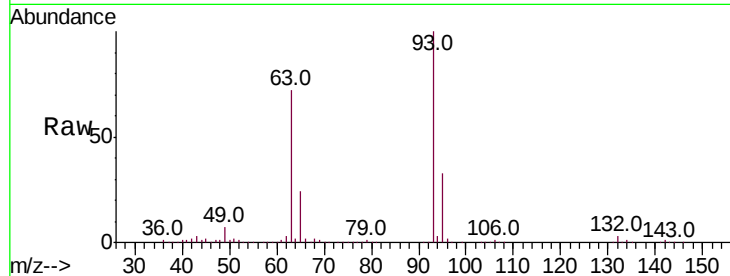




#11
bis(2-Chloroethyl)ether
Concen: 40.497 ng
RT: 6.36 min Scan# 752
Delta R.T. -0.00 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

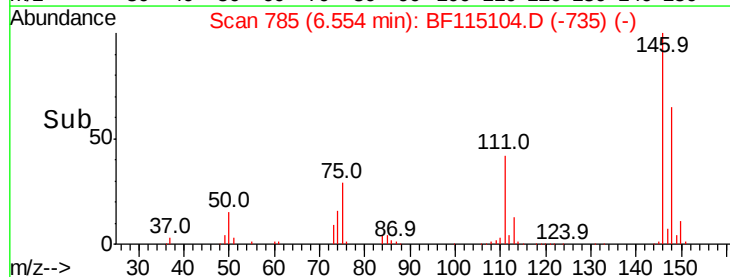
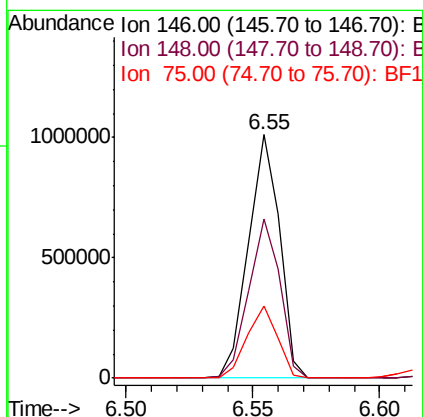
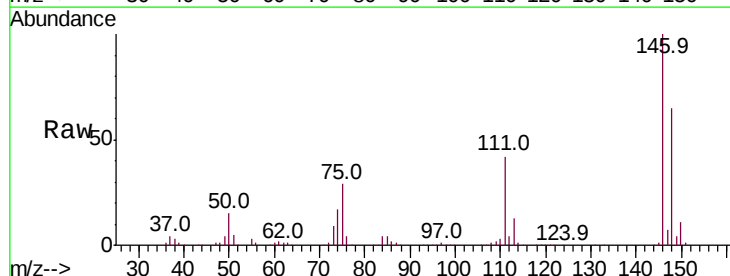
Instrument :
BNA_F
ClientSampleId :
PB120595BS

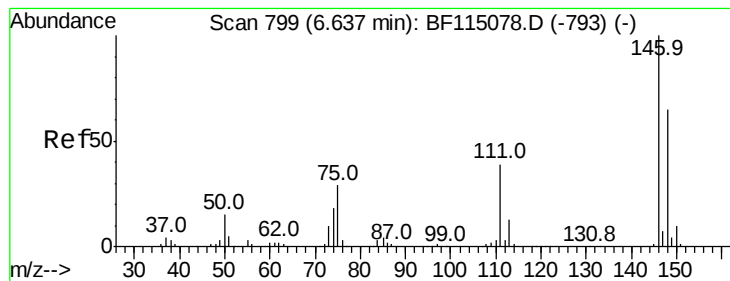
Tot Ion: 93 Resp: 747967
Ion Ratio Lower Upper
93 100
63 71.5 51.5 91.5
95 33.2 13.4 53.4



#12
1,3-Dichlorobenzene
Concen: 39.622 ng
RT: 6.55 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Tgt Ion: 146 Resp: 871398
Ion Ratio Lower Upper
146 100
148 65.5 52.6 78.8
75 29.4 22.6 34.0





#13

1,4-Dichlorobenzene

Concen: 40.082 ng

RT: 6.63 min Scan# 798

Delta R.T. -0.01 min

Lab File: BF115104.D

Acq: 22 Jun 2019 3:09

Instrument :

BNA_F

ClientSampleId :

PB120595BS

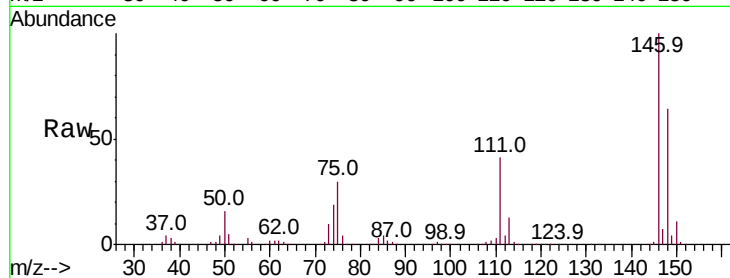
Tot Ion:146 Resp: 883948

Ion Ratio Lower Upper

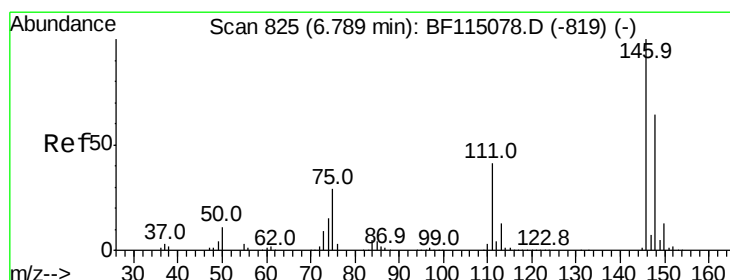
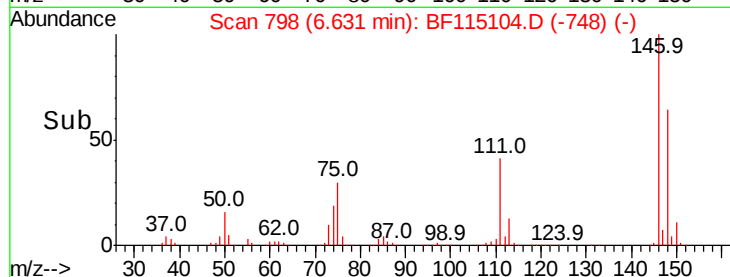
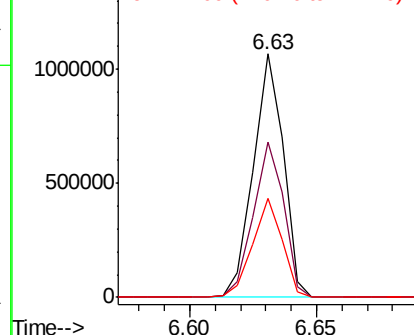
146 100

148 63.9 51.9 77.9

111 40.8 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: 40.180 ng

RT: 6.78 min Scan# 824

Delta R.T. -0.01 min

Lab File: BF115104.D

Acq: 22 Jun 2019 3:09

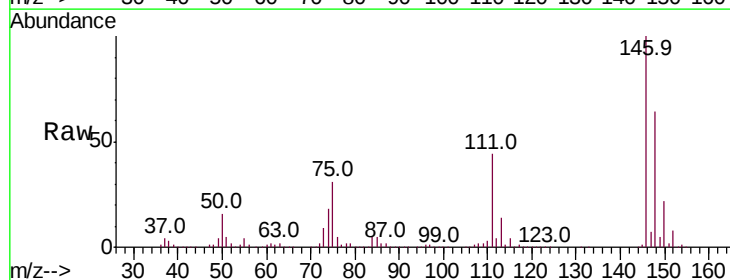
Tgt Ion:146 Resp: 820605

Ion Ratio Lower Upper

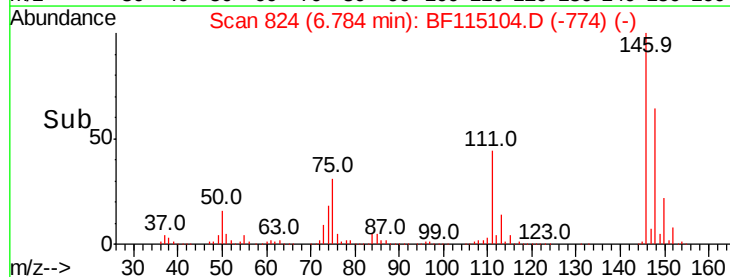
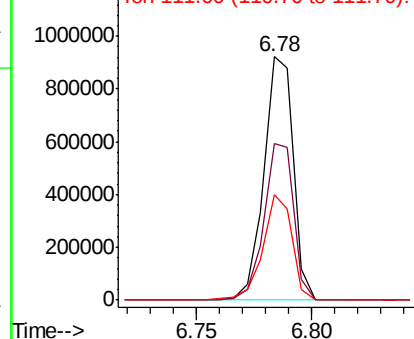
146 100

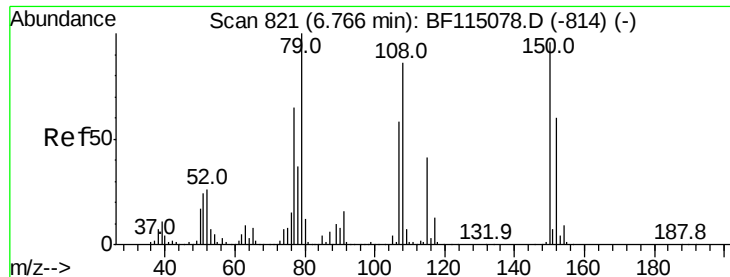
148 64.3 51.1 76.7

111 43.5 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: 38.494 ng

RT: 6.77 min Scan# 821

Delta R.T. -0.00 min

Lab File: BF115104.D

Acq: 22 Jun 2019 3:09

Instrument :

BNA_F

ClientSampleId :

PB120595BS

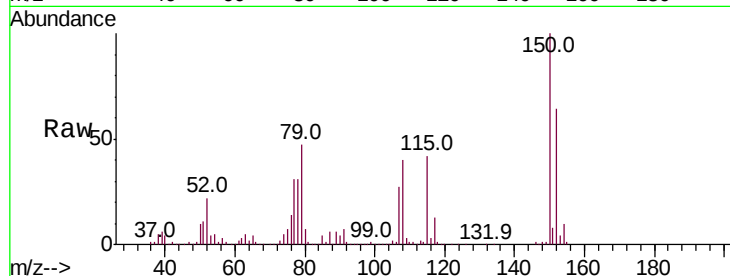
Tot Ion: 79 Resp: 599572

Ion Ratio Lower Upper

79 100

108 84.0 68.7 103.1

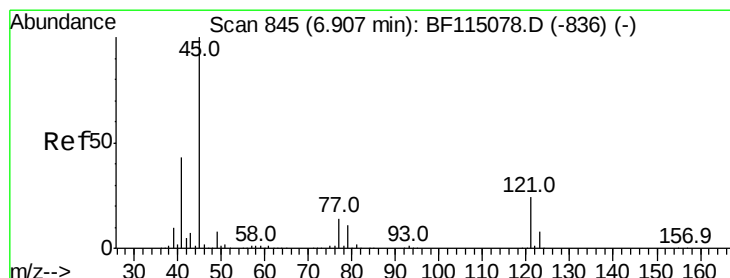
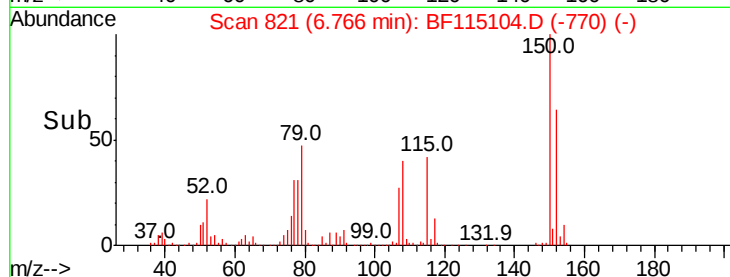
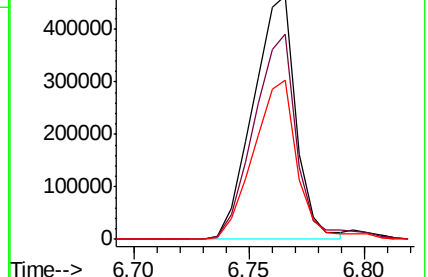
77 65.6 51.7 77.5



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.325 ng

RT: 6.90 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF115104.D

Acq: 22 Jun 2019 3:09

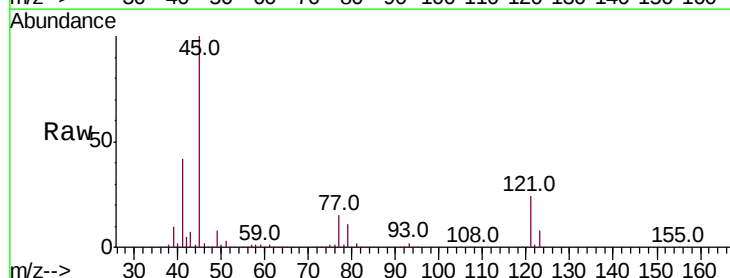
Tgt Ion: 45 Resp: 1080239

Ion Ratio Lower Upper

45 100

77 14.5 0.0 34.6

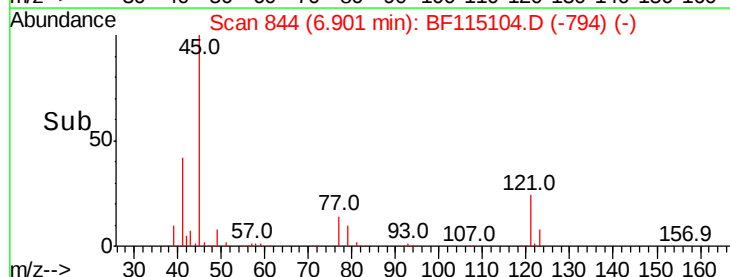
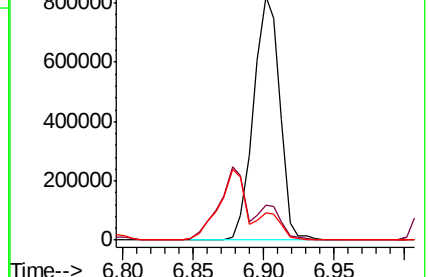
79 11.1 0.0 31.2

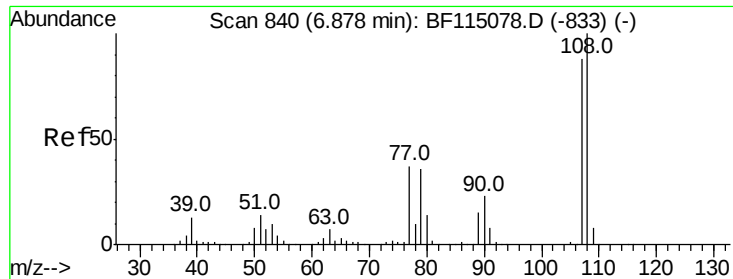


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

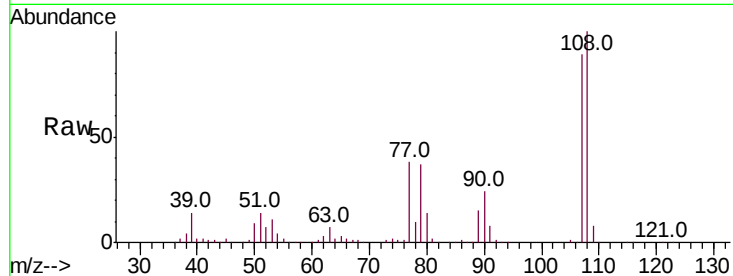




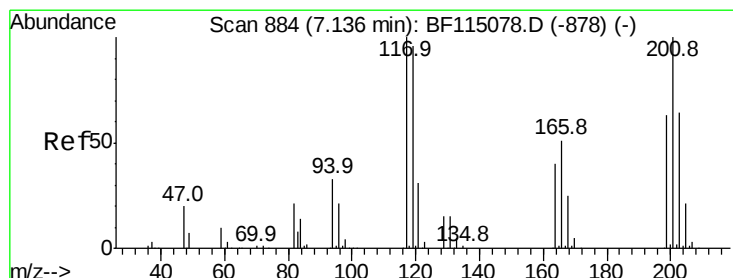
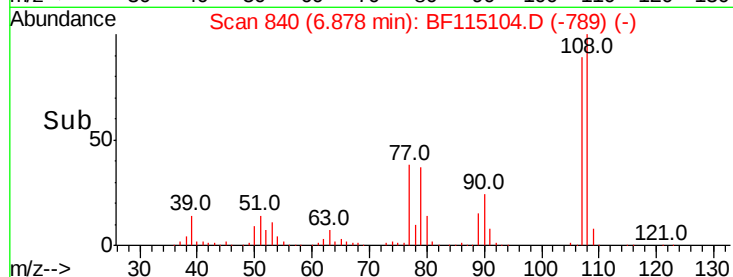
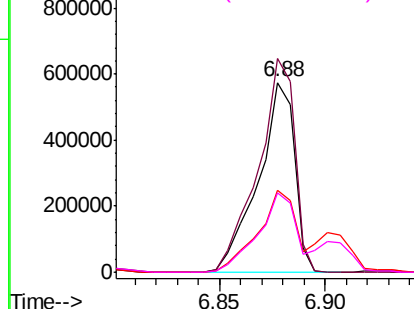
#17
2-Methylphenol
Concen: 41.838 ng
RT: 6.88 min Scan# 840
Delta R.T. -0.00 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Instrument :
BNA_F
ClientSampleID :
PB120595BS

Tot Ion:	107	Resp:	684346
Ion	Ratio	Lower	Upper
107	100		
108	112.7	90.9	136.3
77	43.0	33.4	50.2
79	41.7	32.3	48.5

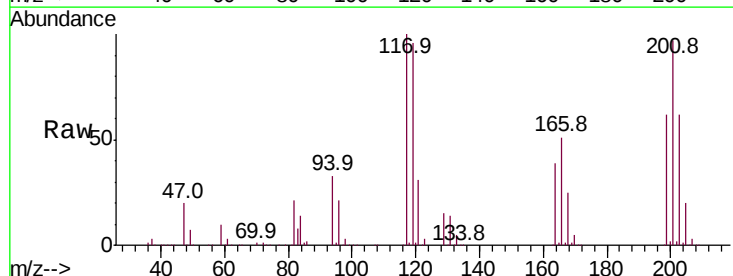


Abundance Ion 107.00 (106.70 to 107.70): E
1000000 Ion 108.00 (107.70 to 108.70): E
800000 Ion 77.00 (76.70 to 77.70): BF1
600000 Ion 79.00 (78.70 to 79.70): BF1
400000
200000
0

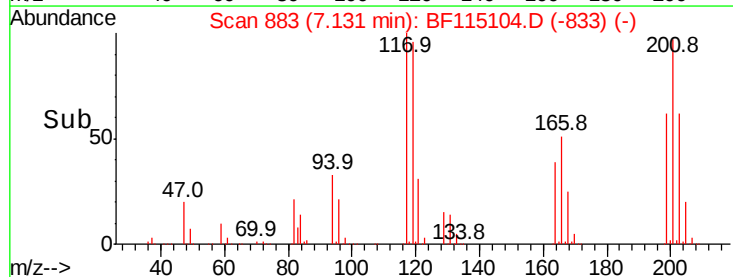
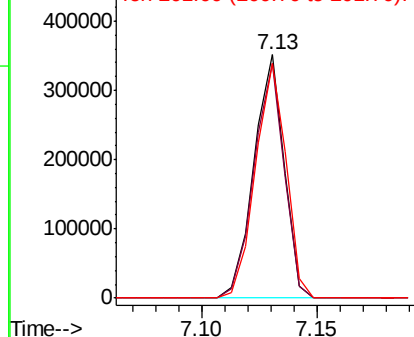


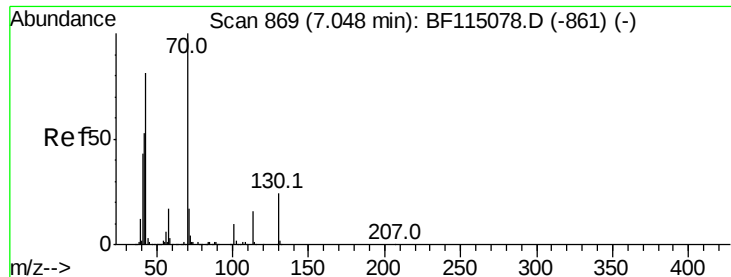
#18
Hexachloroethane
Concen: 40.386 ng
RT: 7.13 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Tgt Ion:	117	Resp:	321097
Ion	Ratio	Lower	Upper
117	100		
119	96.3	76.6	114.8
201	96.5	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: 39.406 ng

RT: 7.04 min Scan# 868

Delta R.T. -0.01 min

Lab File: BF115104.D

Acq: 22 Jun 2019 3:09

Instrument :

BNA_F

ClientSampleId :

PB120595BS

Tot Ion: 70 Resp: 539637

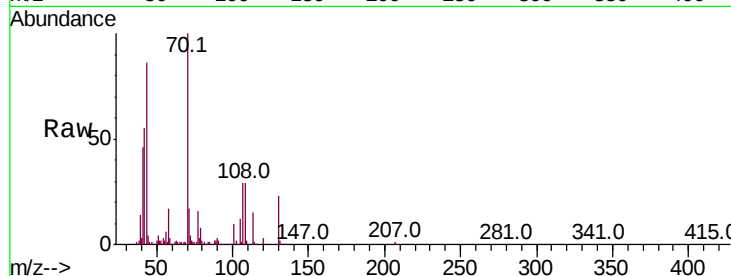
Ion Ratio Lower Upper

70 100

42 55.0 42.6 63.8

101 9.8 8.0 12.0

130 22.7 19.4 29.0

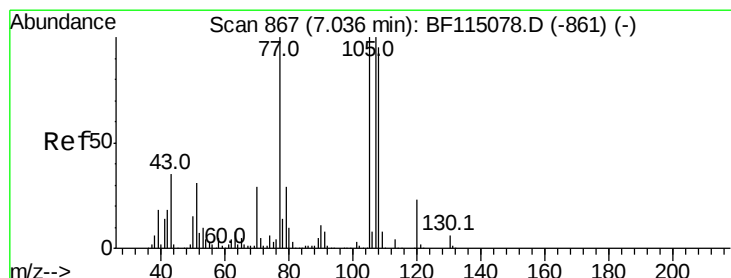
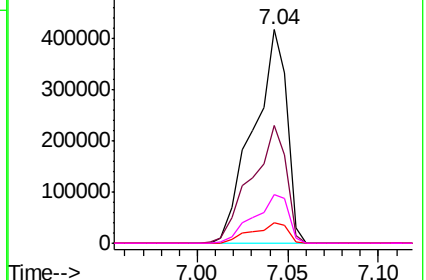
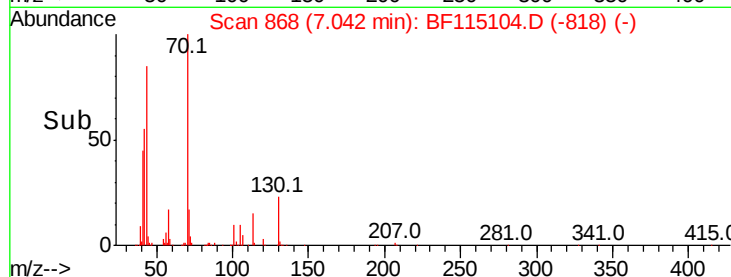


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 41.306 ng

RT: 7.03 min Scan# 866

Delta R.T. -0.01 min

Lab File: BF115104.D

Acq: 22 Jun 2019 3:09

Tgt Ion: 107 Resp: 780151

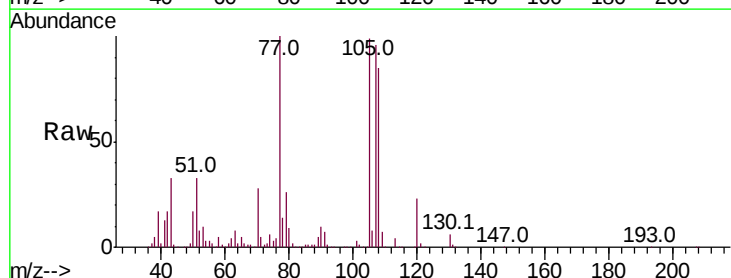
Ion Ratio Lower Upper

107 100

108 89.1 75.5 115.5

77 104.7 80.2 120.2

79 26.9 9.5 49.5

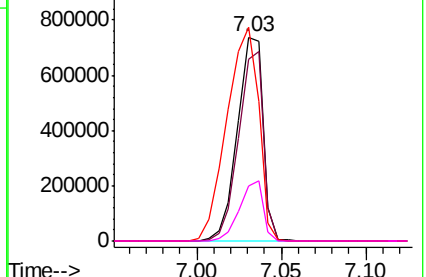
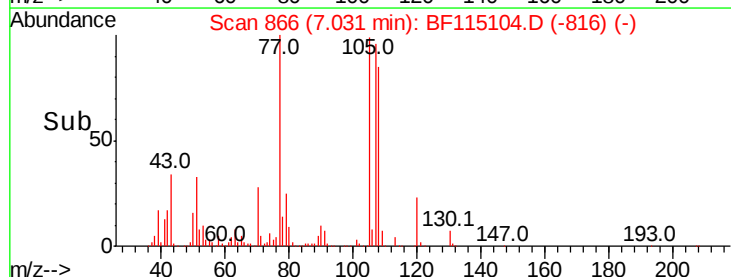


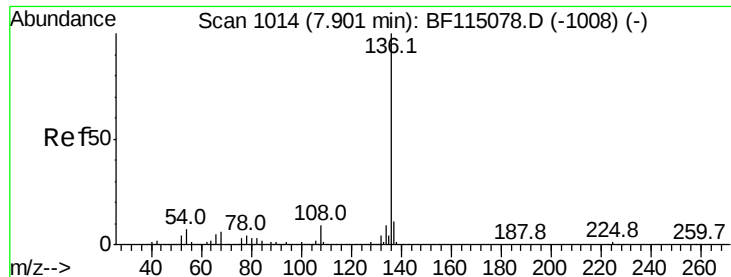
Abundance Ion 107.00 (106.70 to 107.70): BF1

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: BF115104.D

Acq: 22 Jun 2019 3:09

Instrument :

BNA_F

ClientSampleId :

PB120595BS

Tot Ion:136 Resp: 1064416

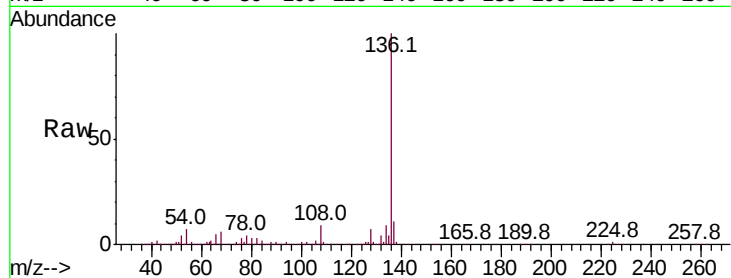
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 7.4 5.6 8.4

68 6.2 4.8 7.2



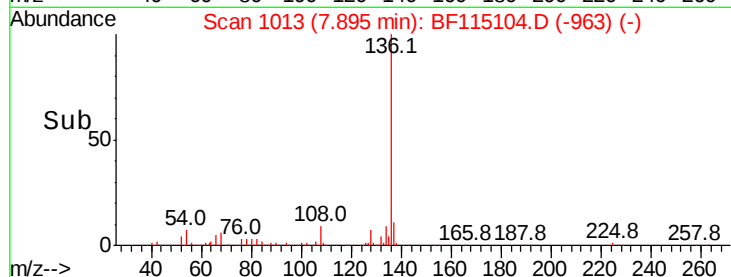
Abundance

Ion 136.00 (135.70 to 136.70): E

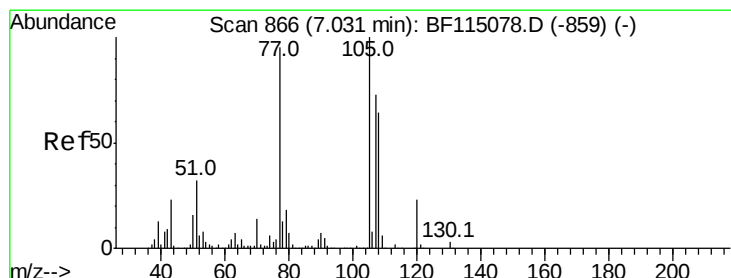
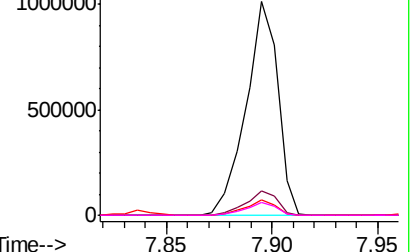
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 44.077 ng

RT: 7.03 min Scan# 866

Delta R.T. -0.00 min

Lab File: BF115104.D

Acq: 22 Jun 2019 3:09

Tgt Ion:105 Resp: 1074073

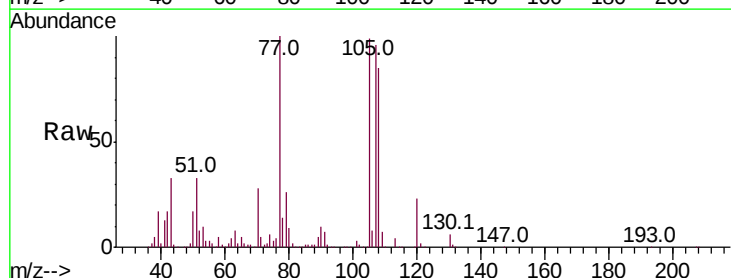
Ion Ratio Lower Upper

105 100

71 4.8 1.9 2.9#

51 33.7 25.8 38.8

120 23.5 18.5 27.7



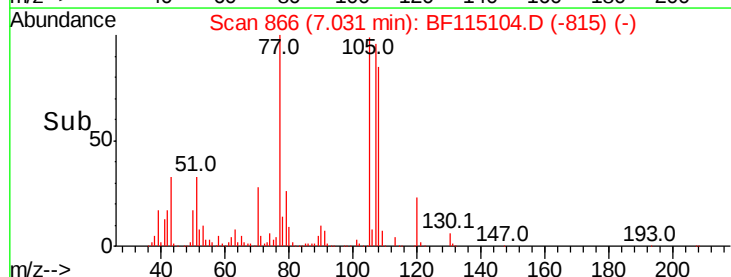
Abundance

Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

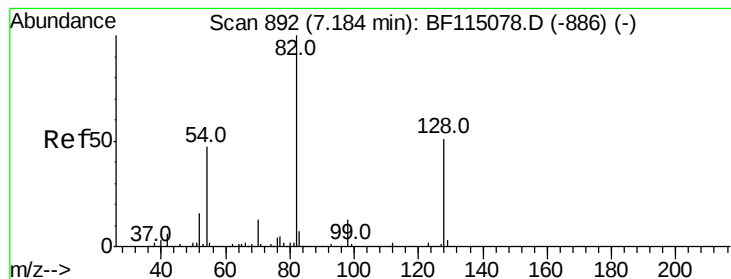
Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



Time-->





#23

Nitrobenzene-d5

Concen: 86.829 ng

RT: 7.18 min Scan# 891

Delta R.T. -0.01 min

Lab File: BF115104.D

Acq: 22 Jun 2019 3:09

Instrument :

BNA_F

ClientSampleId :

PB120595BS

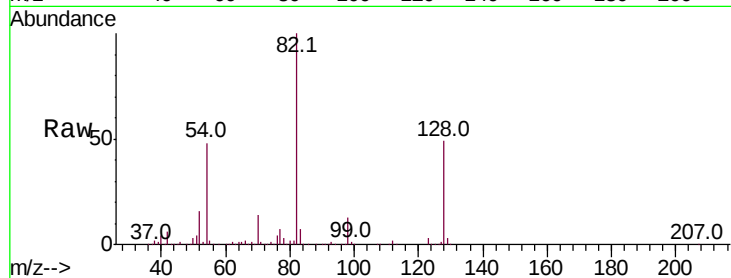
Tot Ion: 82 Resp: 1502426

Ion Ratio Lower Upper

82 100

128 49.5 40.4 60.6

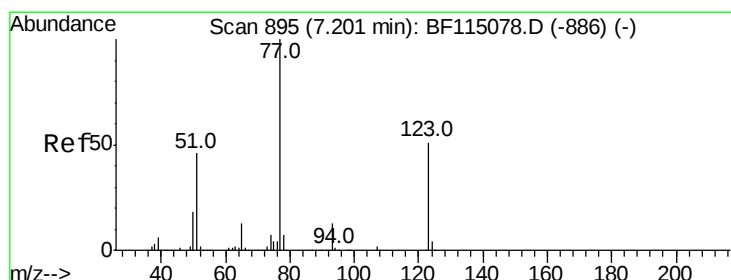
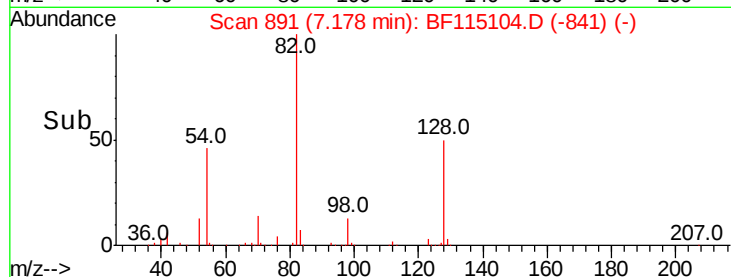
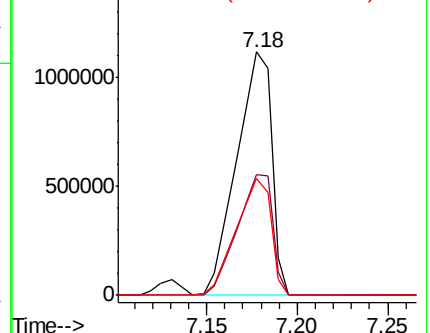
54 47.9 37.5 56.3



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: 43.219 ng

RT: 7.20 min Scan# 894

Delta R.T. -0.01 min

Lab File: BF115104.D

Acq: 22 Jun 2019 3:09

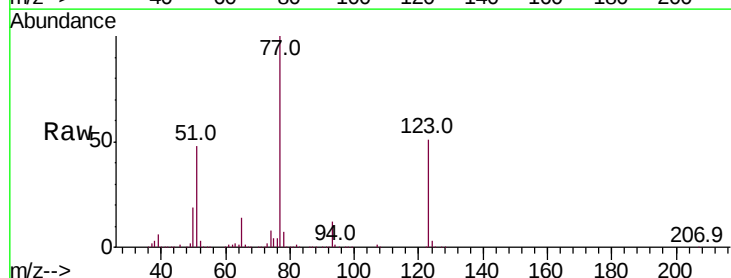
Tgt Ion: 77 Resp: 823878

Ion Ratio Lower Upper

77 100

123 50.5 41.0 61.6

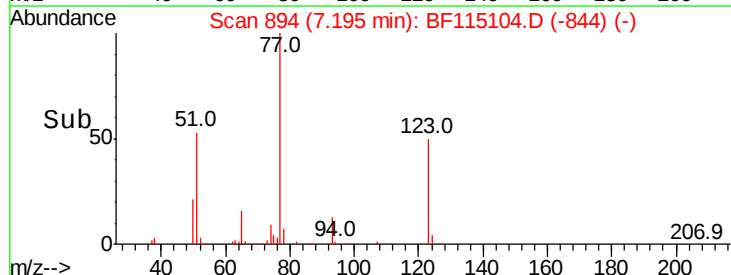
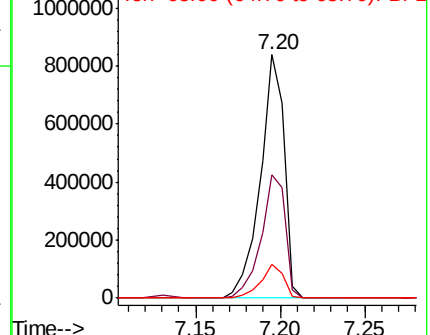
65 13.7 10.5 15.7

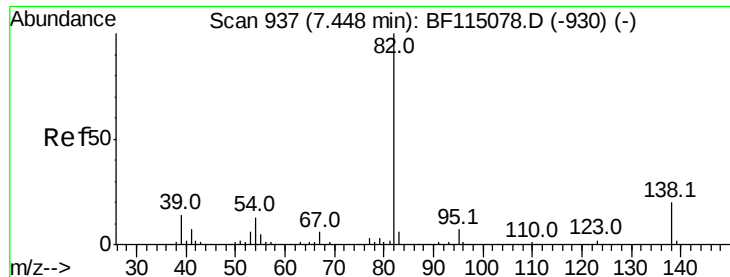


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 43.935 ng

RT: 7.44 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF115104.D

Acq: 22 Jun 2019 3:09

Instrument :

BNA_F

ClientSampleId :

PB120595BS

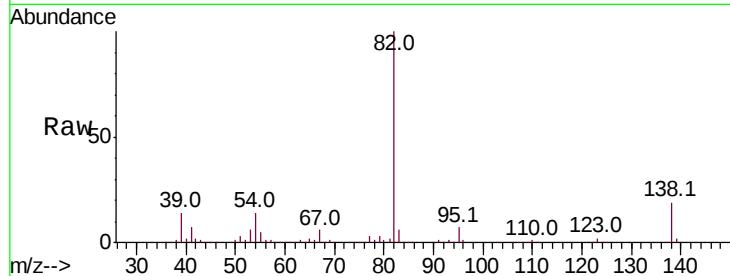
Tot Ion: 82 Resp: 1557327

Ion Ratio Lower Upper

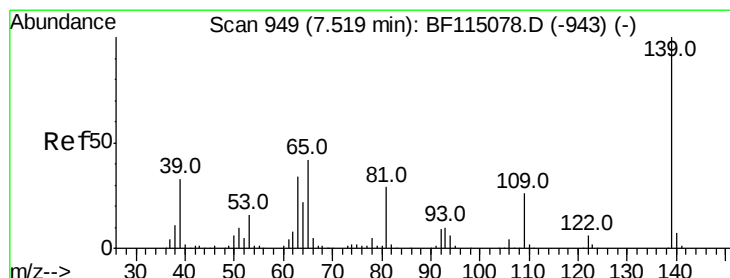
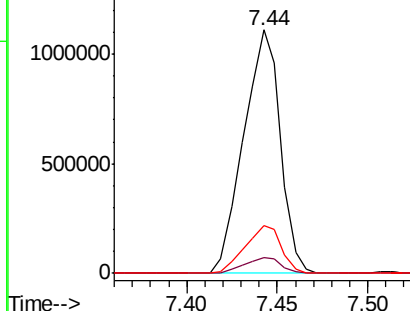
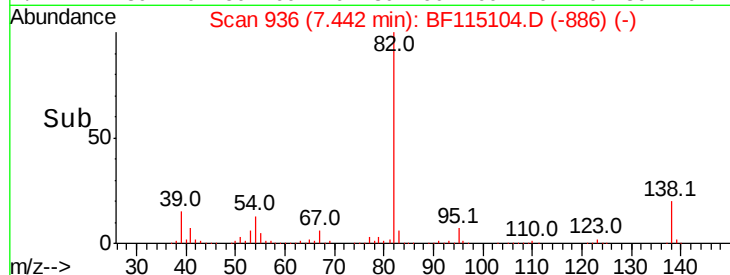
82 100

95 6.6 5.4 8.2

138 19.4 15.9 23.9



Abundance Ion 82.00 (81.70 to 82.70): BF1
1500000
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 46.985 ng

RT: 7.51 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF115104.D

Acq: 22 Jun 2019 3:09

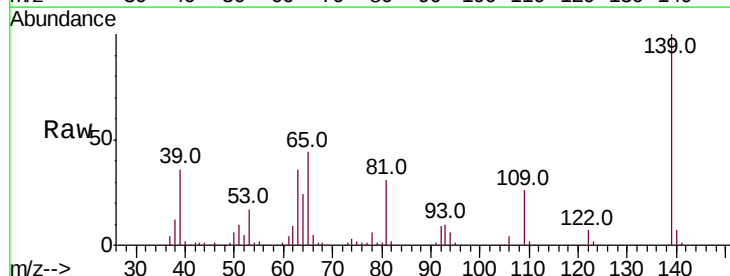
Tgt Ion: 139 Resp: 442319

Ion Ratio Lower Upper

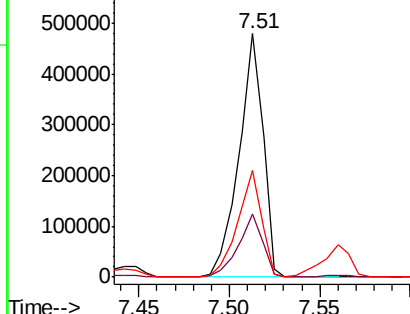
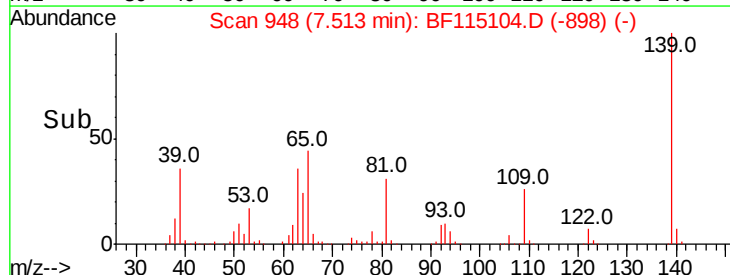
139 100

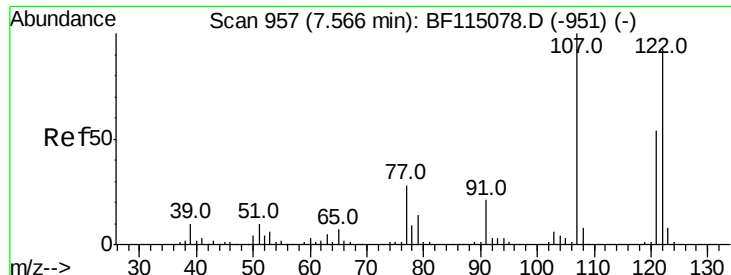
109 25.7 20.4 30.6

65 43.6 33.6 50.4



Abundance Ion 139.00 (138.70 to 139.70): E
600000
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

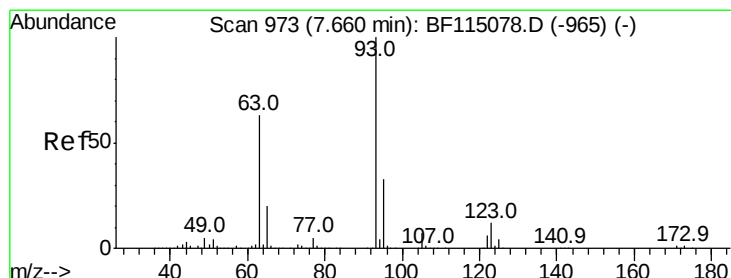
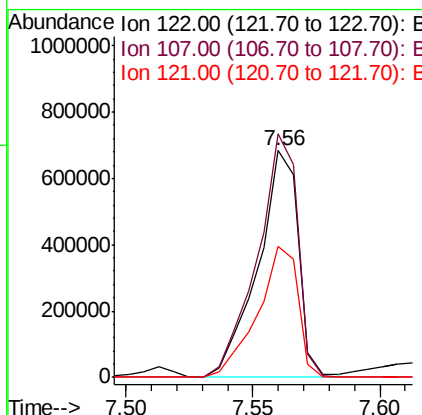
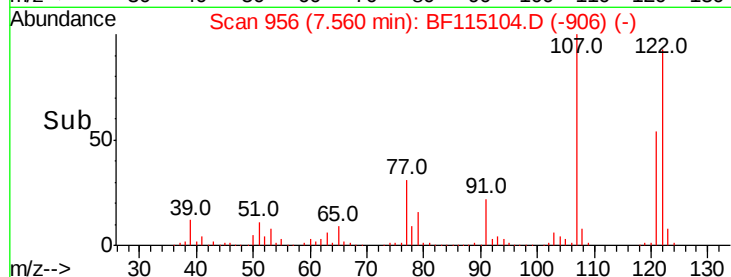
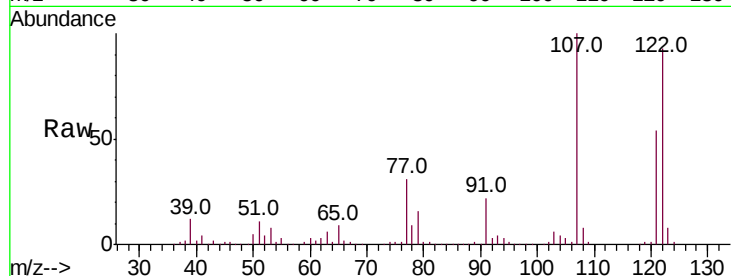




#27
 2,4-Dimethylphenol
 Concen: 49.800 ng
 RT: 7.56 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: BF115104.D
 Acq: 22 Jun 2019 3:09

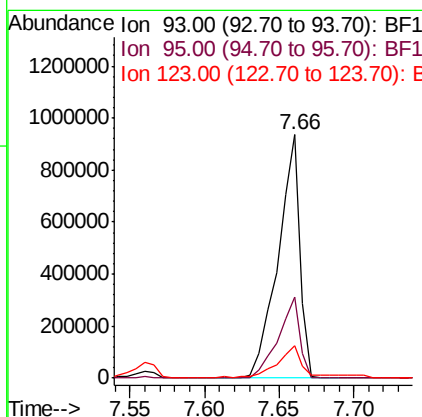
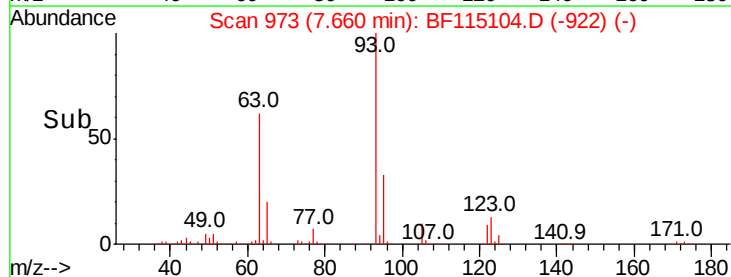
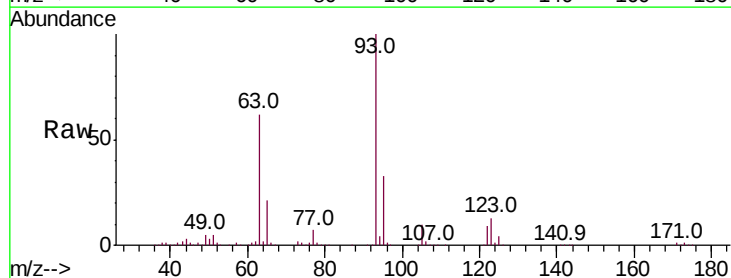
Instrument :
 BNA_F
 ClientSampleId :
 PB120595BS

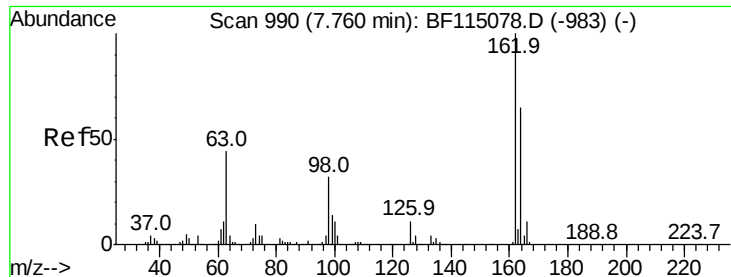
Tot Ion:	122	Resp:	767597
Ion	Ratio	Lower	Upper
122	100		
107	107.4	85.8	128.6
121	57.7	46.3	69.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.822 ng
 RT: 7.66 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: BF115104.D
 Acq: 22 Jun 2019 3:09

Tgt Ion:	93	Resp:	959380
Ion	Ratio	Lower	Upper
93	100		
95	33.4	26.2	39.4
123	13.1	9.7	14.5

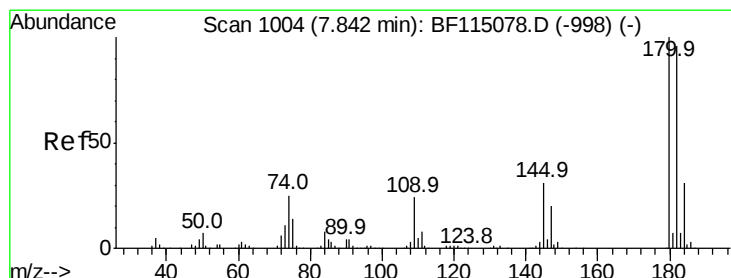
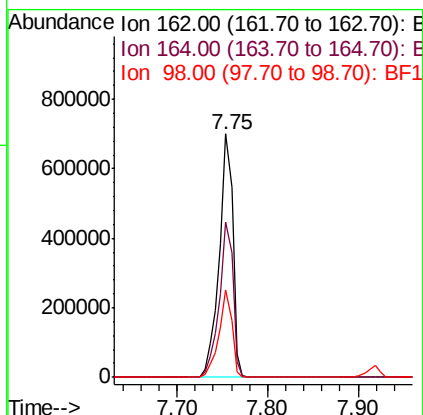
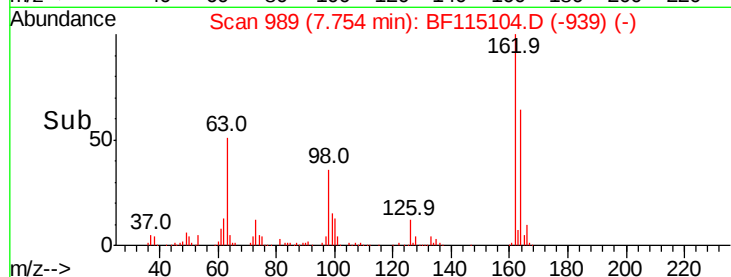
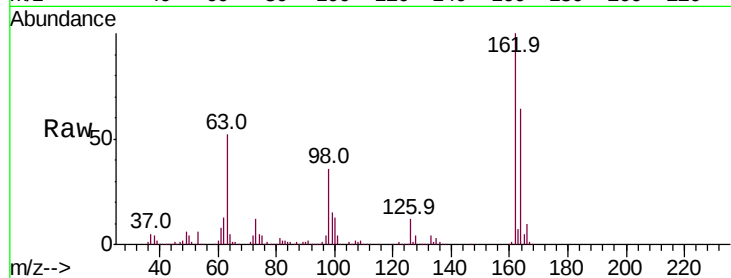




#29
 2,4-Dichlorophenol
 Concen: 45.122 ng
 RT: 7.75 min Scan# 989
 Delta R.T. -0.01 min
 Lab File: BF115104.D
 Acq: 22 Jun 2019 3:09

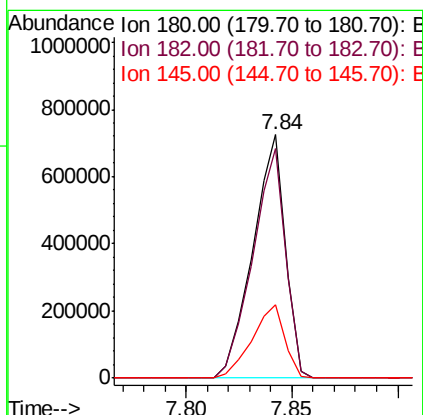
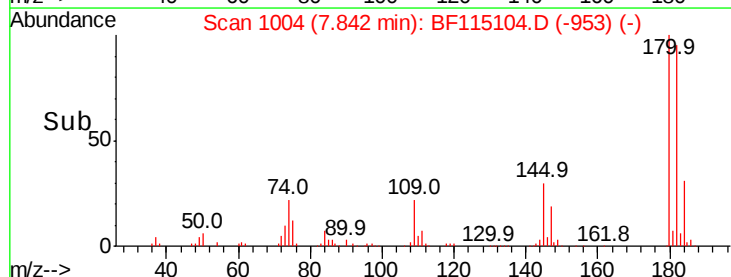
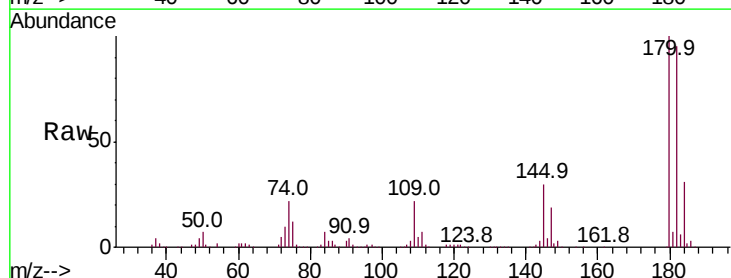
Instrument :
 BNA_F
 ClientSampleId :
 PB120595BS

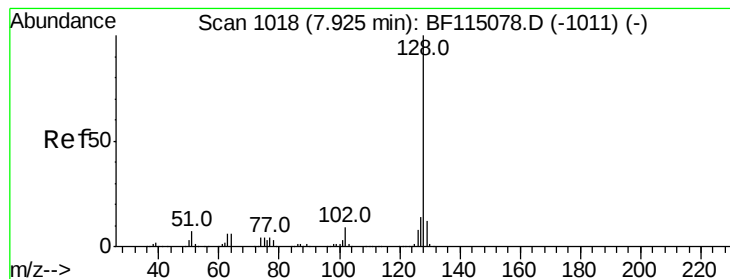
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	45.3	85.3
98	35.7	12.5	52.5



#30
 1,2,4-Trichlorobenzene
 Concen: 44.042 ng
 RT: 7.84 min Scan# 1004
 Delta R.T. -0.00 min
 Lab File: BF115104.D
 Acq: 22 Jun 2019 3:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	76.4	114.6
145	30.1	24.8	37.2





#31

Naphthalene

Concen: 43.982 ng

RT: 7.92 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF115104.D

Acq: 22 Jun 2019 3:09

Instrument :

BNA_F

ClientSampleId :

PB120595BS

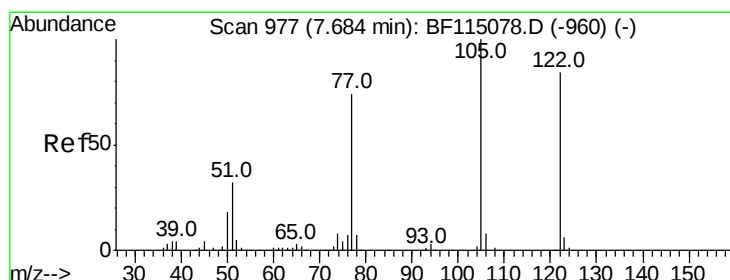
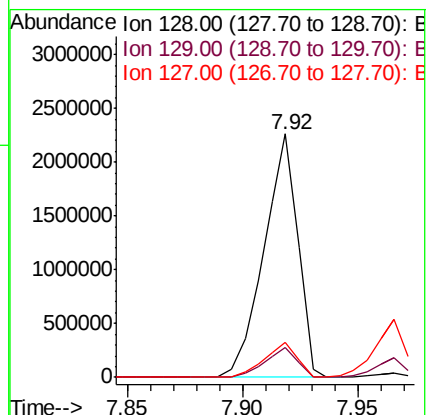
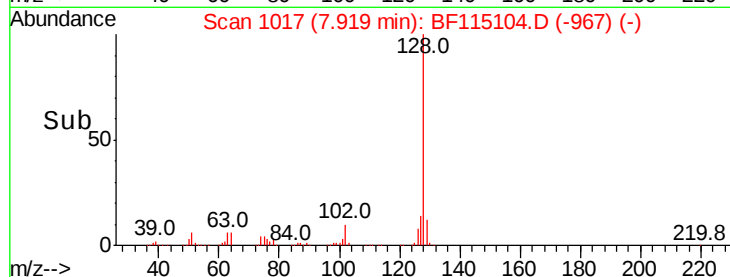
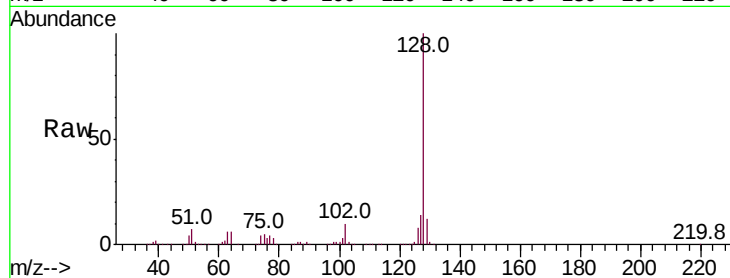
Tot Ion:128 Resp: 2298012

Ion Ratio Lower Upper

128 100

129 12.3 9.6 14.4

127 14.5 11.4 17.0



#32

Benzoic acid

Concen: 53.424 ng

RT: 7.70 min Scan# 980

Delta R.T. 0.02 min

Lab File: BF115104.D

Acq: 22 Jun 2019 3:09

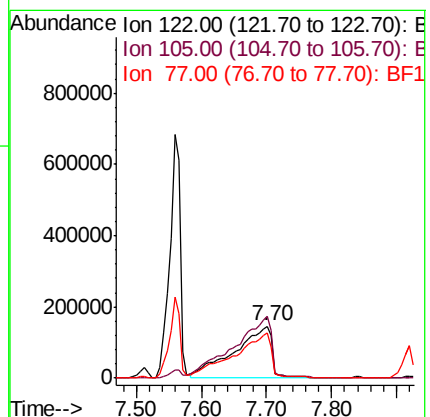
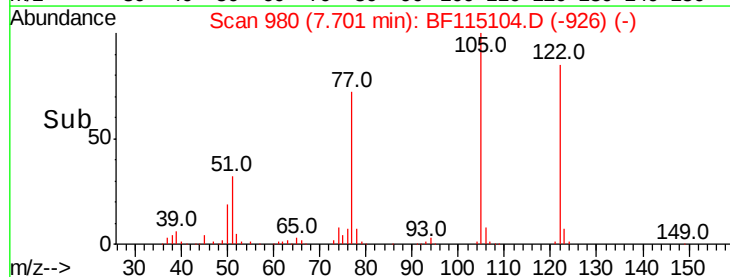
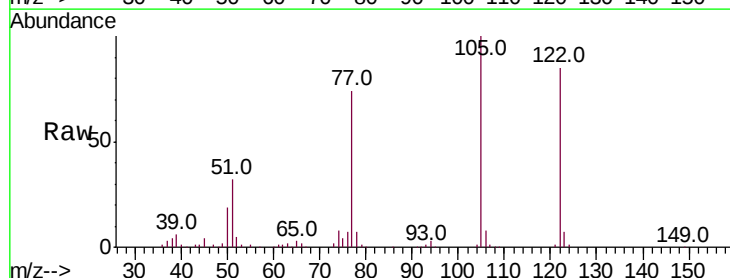
Tgt Ion:122 Resp: 587784

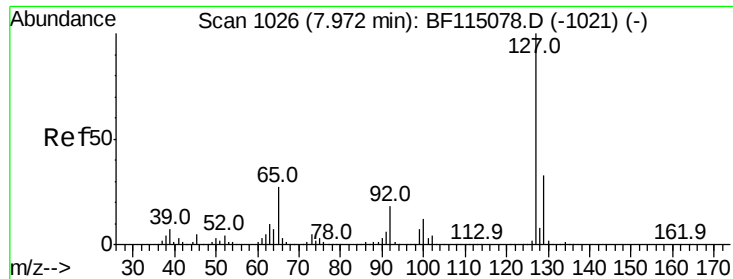
Ion Ratio Lower Upper

122 100

105 117.7 98.2 138.2

77 87.0 67.0 107.0

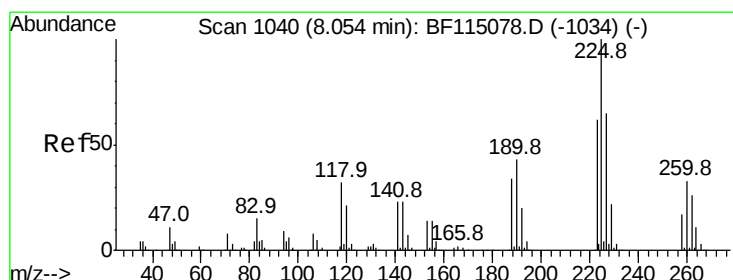
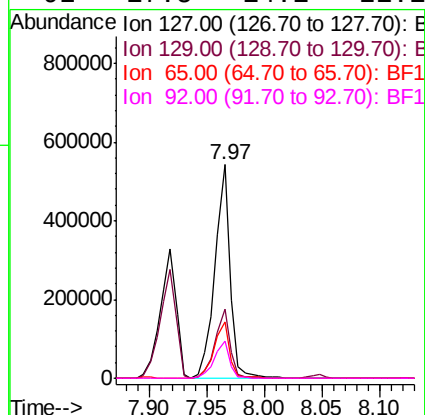
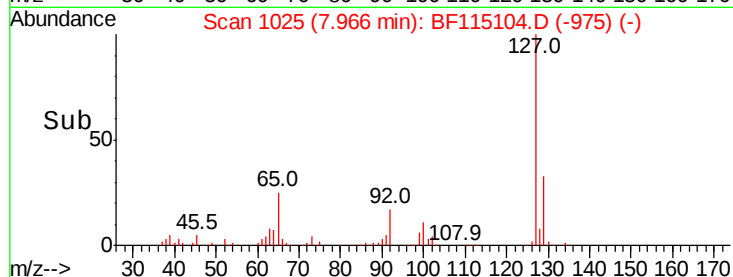
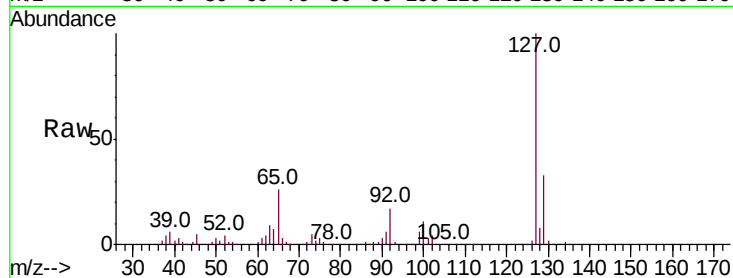




#33
4-Chloroaniline
Concen: 20.783 ng
RT: 7.97 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

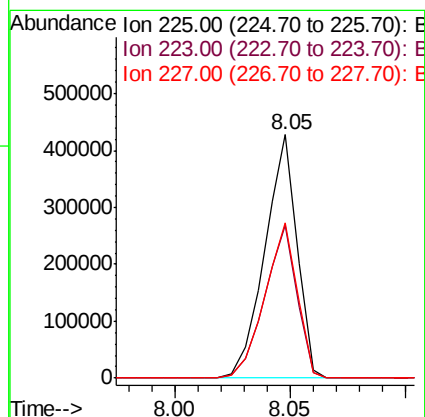
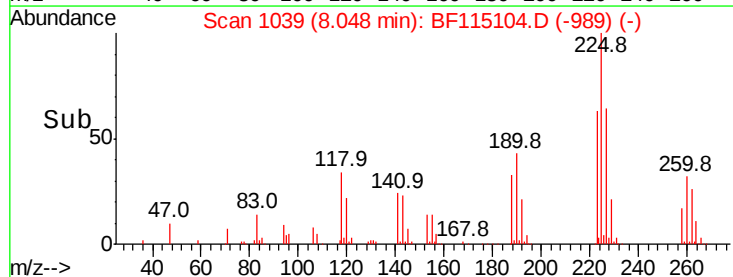
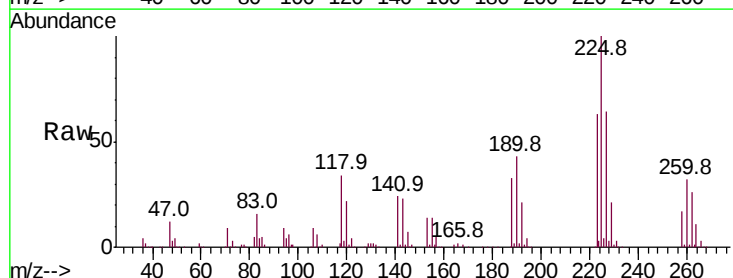
Instrument :
BNA_F
ClientSampleId :
PB120595BS

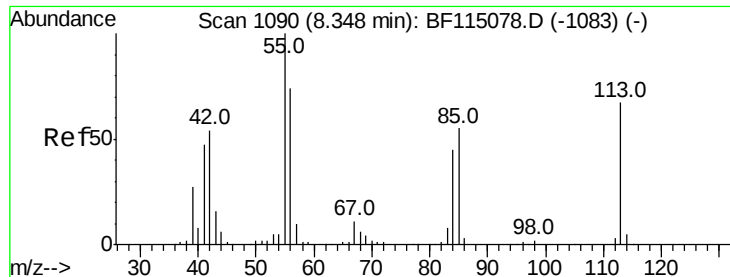
Tot Ion:	127	Resp:	496280
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.1	39.1
65	26.3	21.4	32.2
92	17.5	14.1	21.1



#34
Hexachlorobutadiene
Concen: 42.977 ng
RT: 8.05 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Tgt Ion:	225	Resp:	413800
Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.4	74.2
227	63.6	51.8	77.8

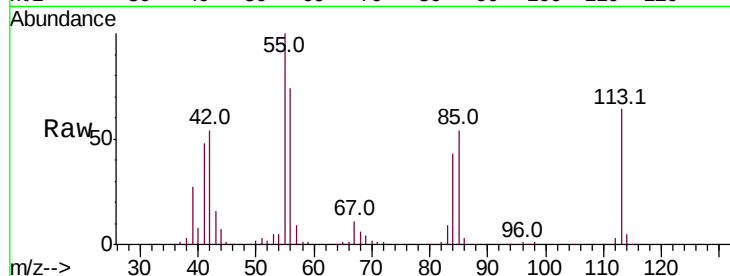




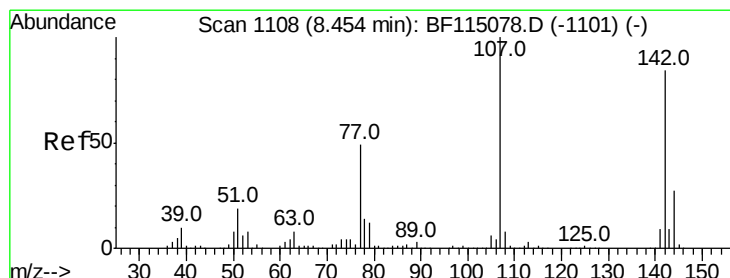
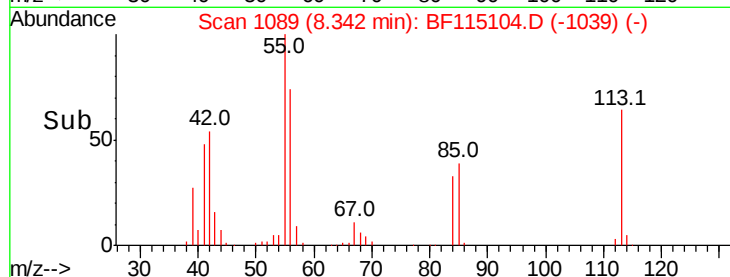
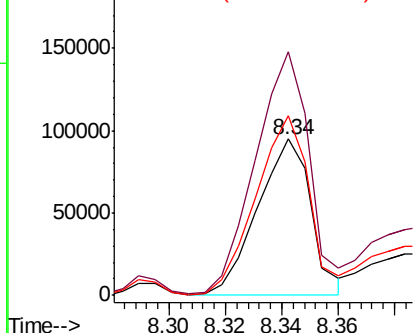
#35
 Caprolactam
 Concen: 23.332 ng
 RT: 8.34 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: BF115104.D
 Acq: 22 Jun 2019 3:09

Instrument :
 BNA_F
 ClientSampleId :
 PB120595BS

Tot Ion:113 Resp: 124776
 Ion Ratio Lower Upper
 113 100
 55 156.0 130.2 170.2
 56 114.9 91.6 131.6

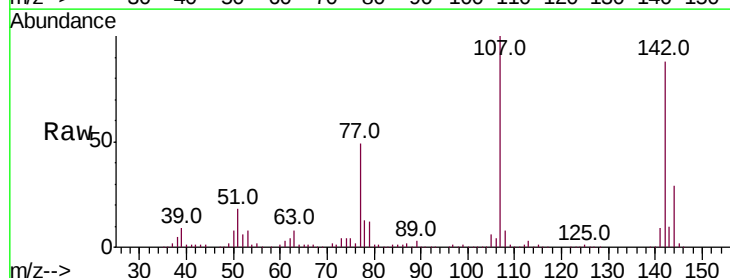


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

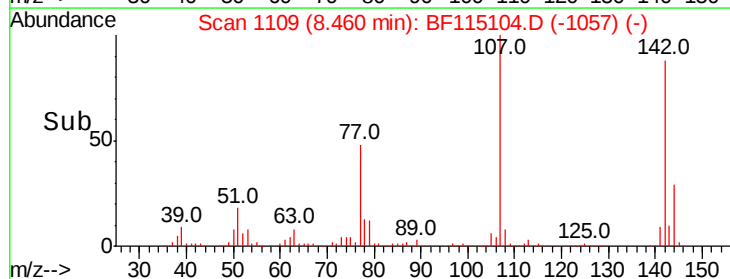
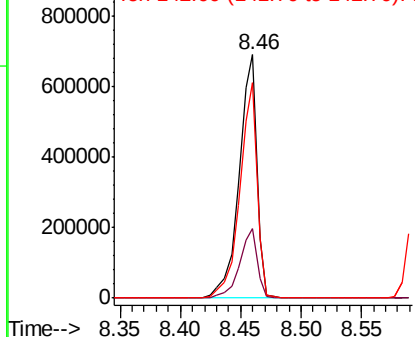


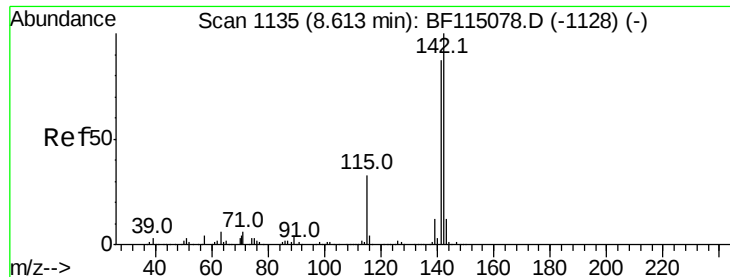
#36
 4-Chloro-3-methylphenol
 Concen: 44.371 ng
 RT: 8.46 min Scan# 1109
 Delta R.T. 0.01 min
 Lab File: BF115104.D
 Acq: 22 Jun 2019 3:09

Tgt Ion:107 Resp: 714776
 Ion Ratio Lower Upper
 107 100
 144 28.7 21.7 32.5
 142 88.3 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

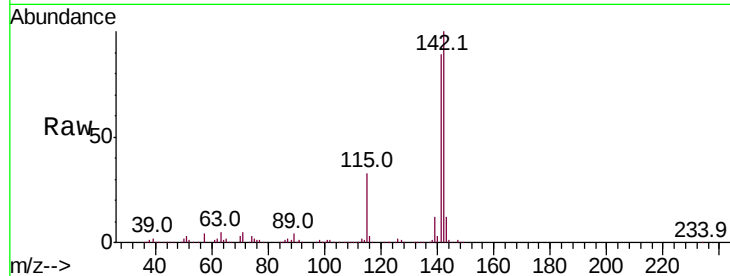




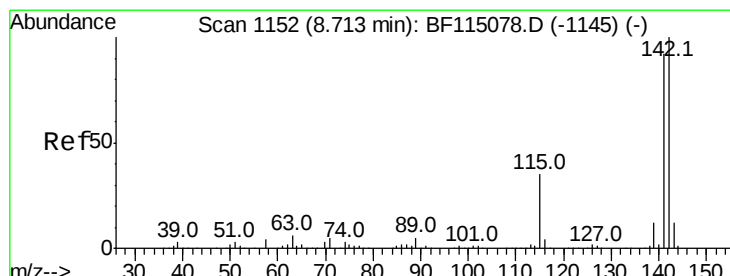
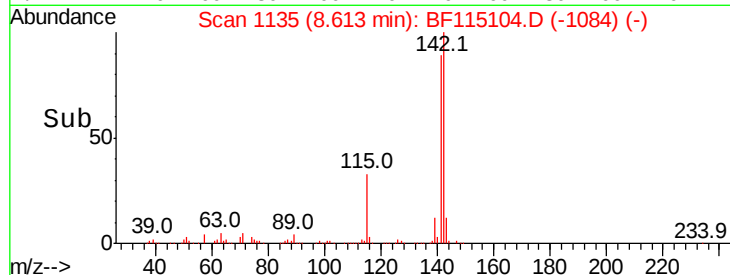
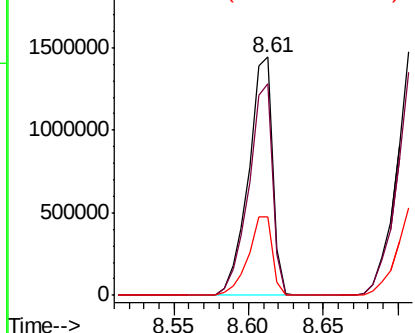
#37
2-Methylnaphthalene
Concen: 45.444 ng
RT: 8.61 min Scan# 1135
Delta R.T. -0.00 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Instrument :
BNA_F
ClientSampleId :
PB120595BS

Tot Ion:142 Resp: 1600962
Ion Ratio Lower Upper
142 100
141 88.8 69.8 104.6
115 33.0 26.7 40.1

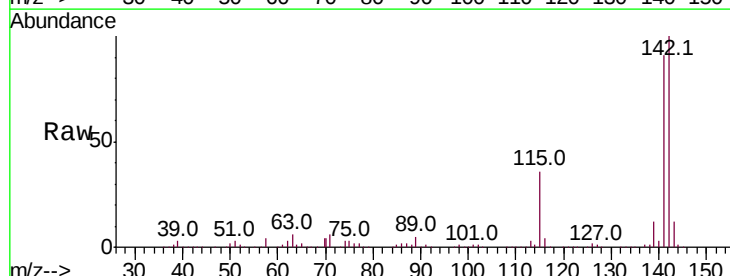


Abundance Ion 142.00 (141.70 to 142.70): E
2000000 Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

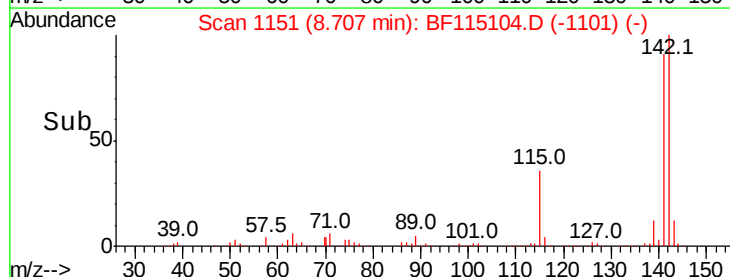
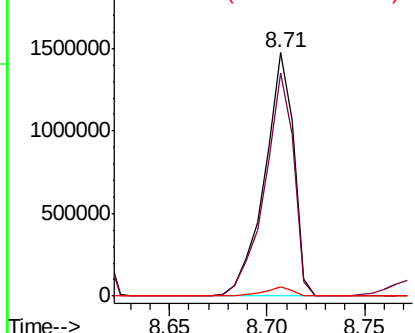


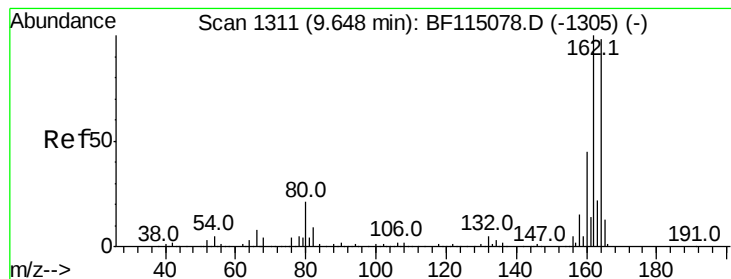
#38
1-Methylnaphthalene
Concen: 45.073 ng
RT: 8.71 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Tgt Ion:142 Resp: 1516544
Ion Ratio Lower Upper
142 100
141 91.4 73.8 110.8
116 3.8 2.8 4.2



Abundance Ion 142.00 (141.70 to 142.70): E
2000000 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: BF115104.D

Acq: 22 Jun 2019 3:09

Instrument :

BNA_F

ClientSampleId :

PB120595BS

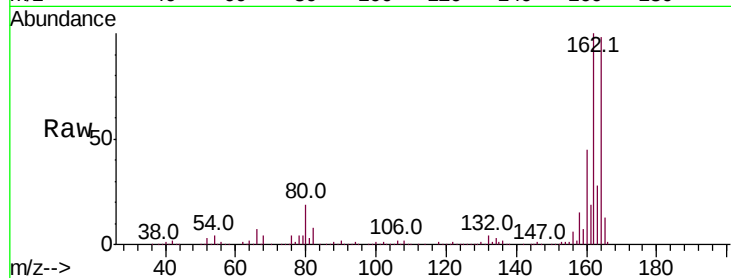
Tot Ion:164 Resp: 531505

Ion Ratio Lower Upper

164 100

162 102.2 81.7 122.5

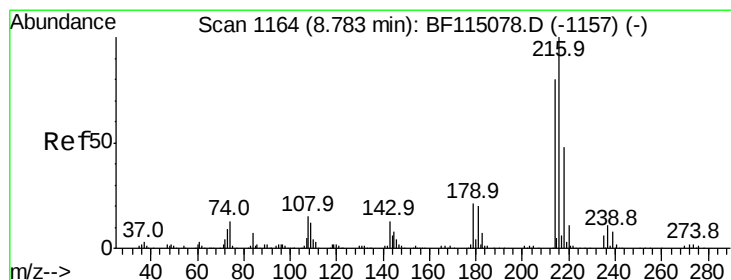
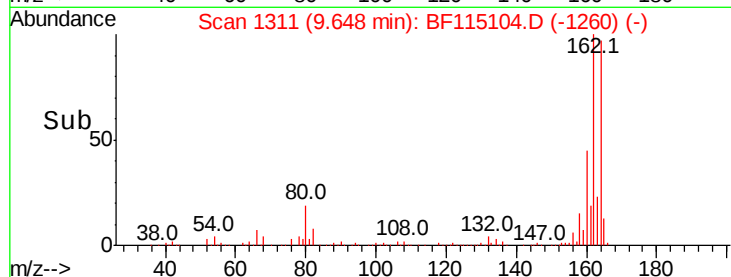
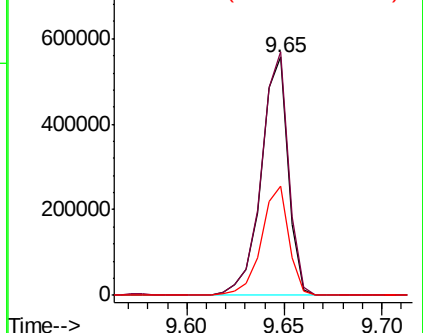
160 45.7 37.0 55.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.500 ng

RT: 8.78 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BF115104.D

Acq: 22 Jun 2019 3:09

Tgt Ion:216 Resp: 638320

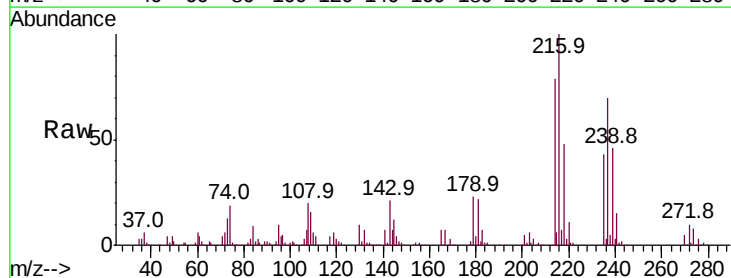
Ion Ratio Lower Upper

216 100

214 79.5 63.8 95.6

179 21.8 17.6 26.4

108 21.3 15.7 23.5

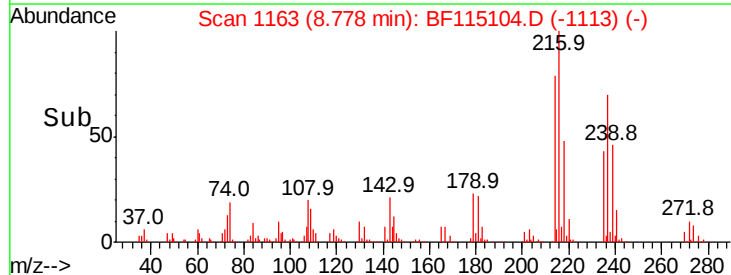
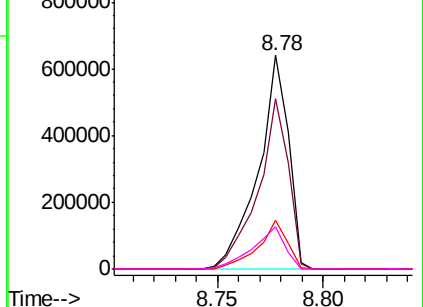


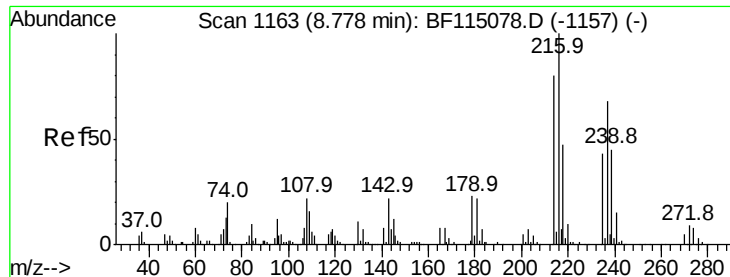
Abundance Ion 216.00 (215.70 to 216.70): E

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: 85.070 ng

RT: 8.77 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BF115104.D

Acq: 22 Jun 2019 3:09

Instrument :

BNA_F

ClientSampleId :

PB120595BS

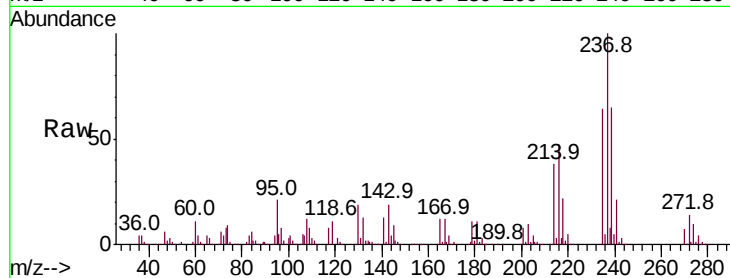
Tot Ion:237 Resp: 757632

Ion Ratio Lower Upper

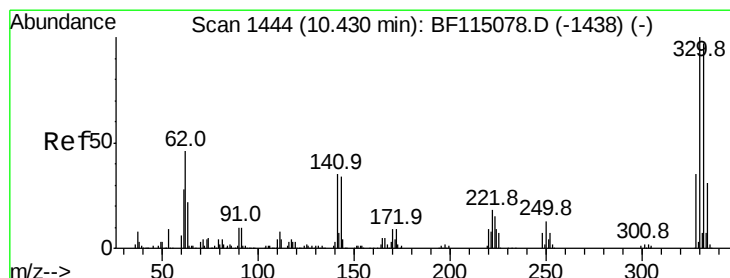
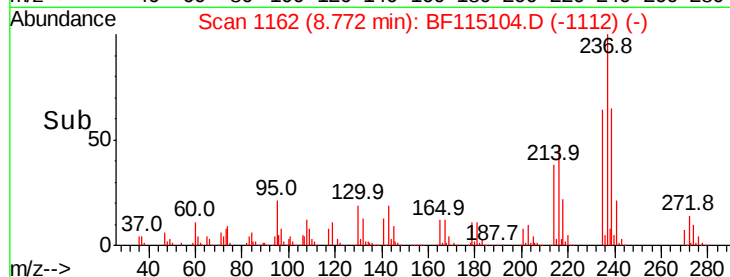
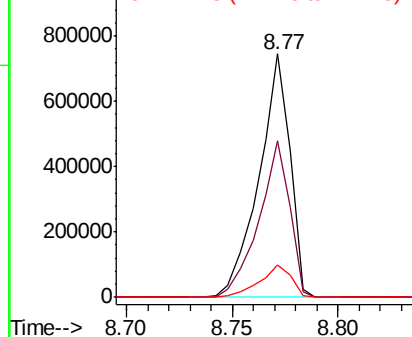
237 100

235 64.0 43.9 83.9

272 13.5 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: 124.270 ng

RT: 10.43 min Scan# 1444

Delta R.T. -0.00 min

Lab File: BF115104.D

Acq: 22 Jun 2019 3:09

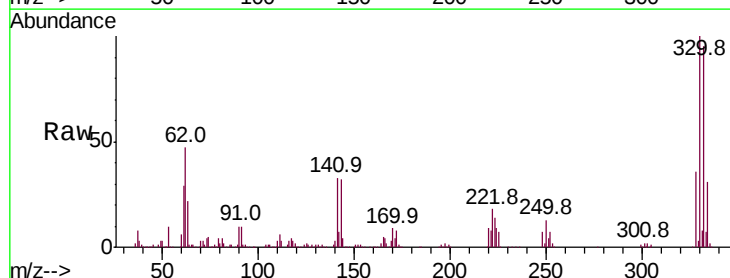
Tgt Ion:330 Resp: 696523

Ion Ratio Lower Upper

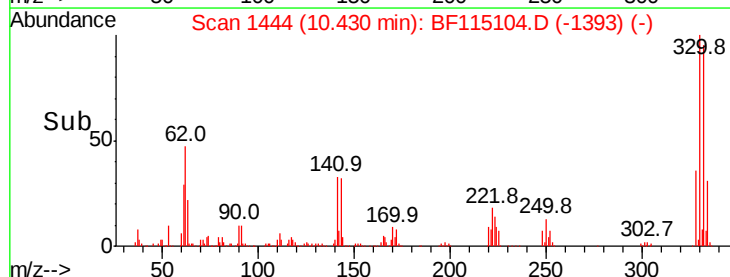
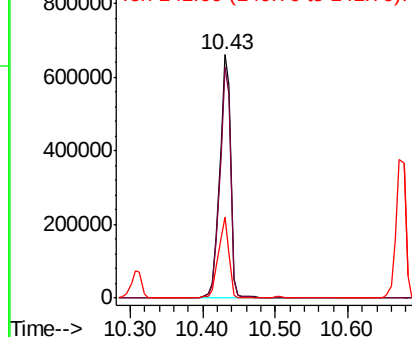
330 100

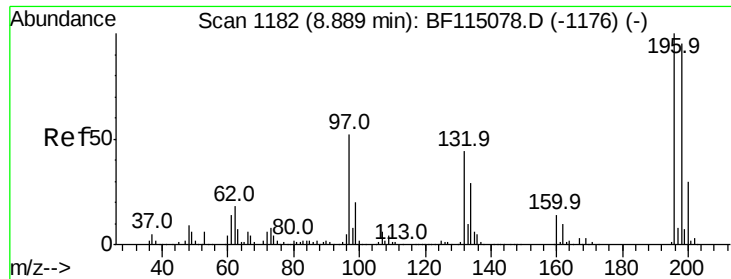
332 95.3 77.3 115.9

141 32.8 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

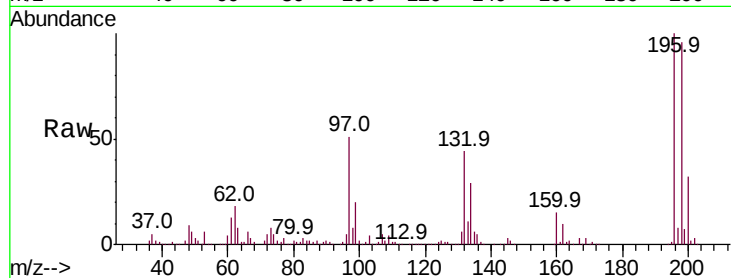




#43
 2,4,6-Trichlorophenol
 Concen: 44.265 ng
 RT: 8.89 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BF115104.D
 Acq: 22 Jun 2019 3:09

Instrument :
 BNA_F
 ClientSampleId :
 PB120595BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.4	76.3	114.5
200	31.6	24.2	36.4

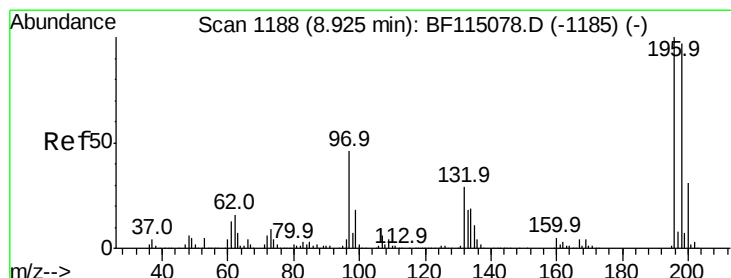
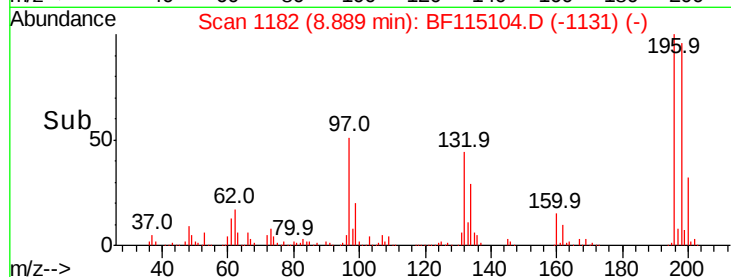
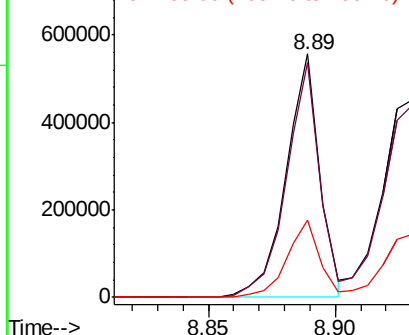


Abundance

Ion 196.00 (195.70 to 196.70): E

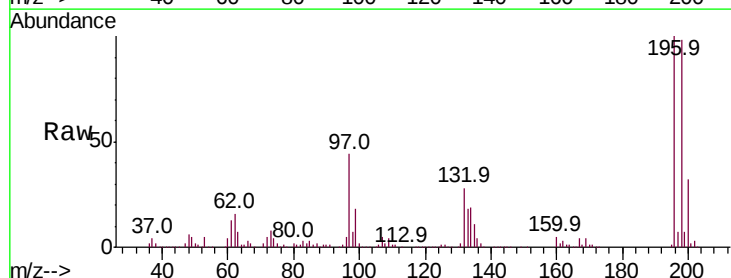
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 44.081 ng
 RT: 8.93 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF115104.D
 Acq: 22 Jun 2019 3:09

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.8	77.1	115.7
97	44.5	37.7	56.5
132	28.3	23.1	34.7



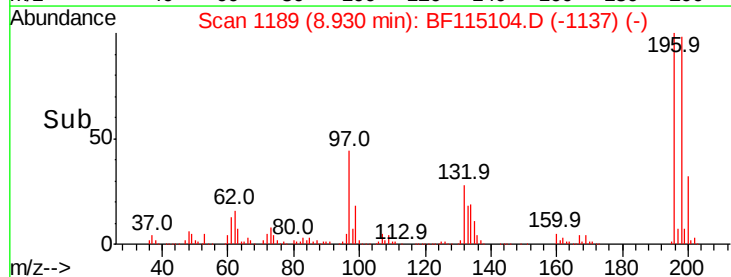
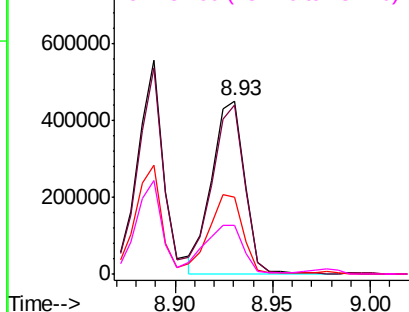
Abundance

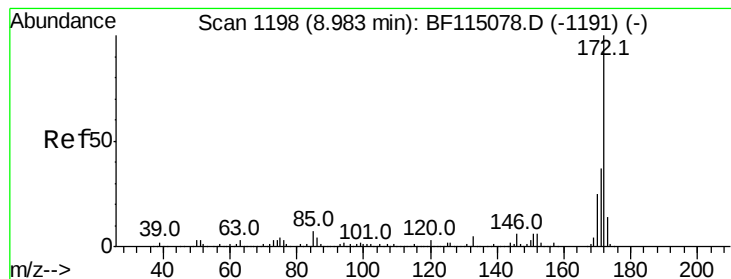
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





#45

2-Fluorobiphenyl

Concen: 89.695 ng

RT: 8.98 min Scan# 1197

Delta R.T. -0.01 min

Lab File: BF115104.D

Acq: 22 Jun 2019 3:09

Instrument :

BNA_F

ClientSampleId :

PB120595BS

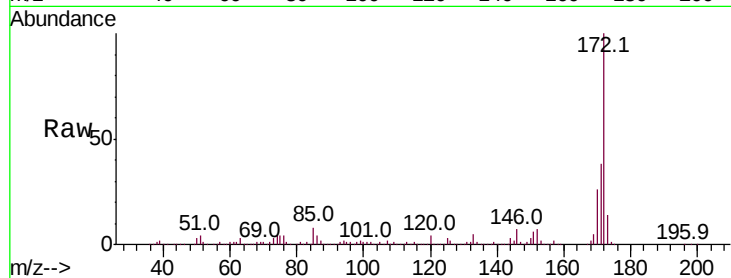
Tot Ion:172 Resp: 2806577

Ion Ratio Lower Upper

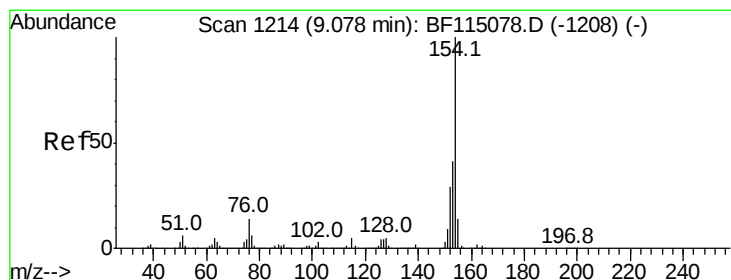
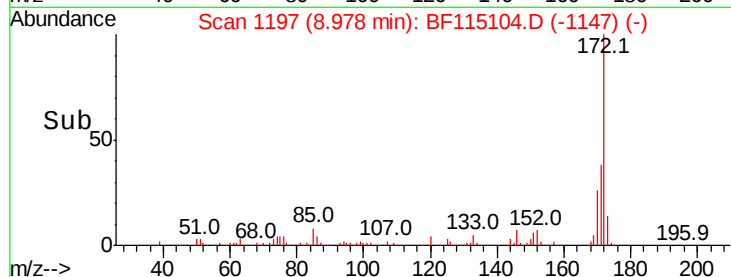
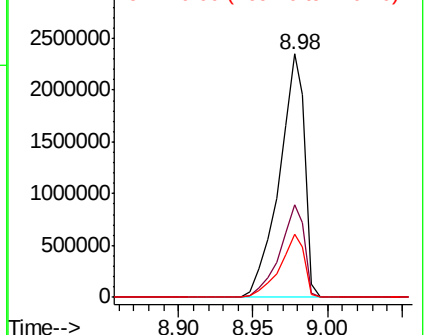
172 100

171 38.1 29.8 44.6

170 25.9 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: 42.572 ng

RT: 9.08 min Scan# 1214

Delta R.T. -0.00 min

Lab File: BF115104.D

Acq: 22 Jun 2019 3:09

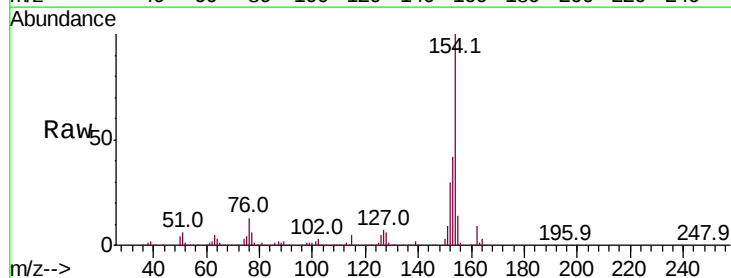
Tgt Ion:154 Resp: 1810501

Ion Ratio Lower Upper

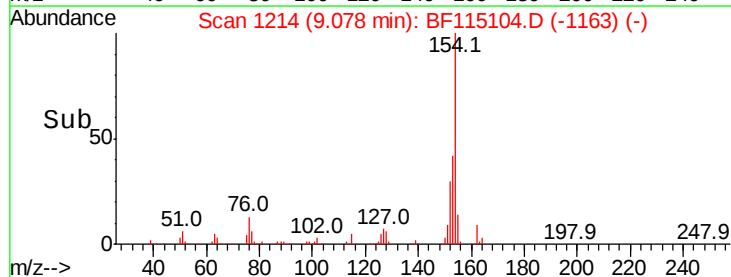
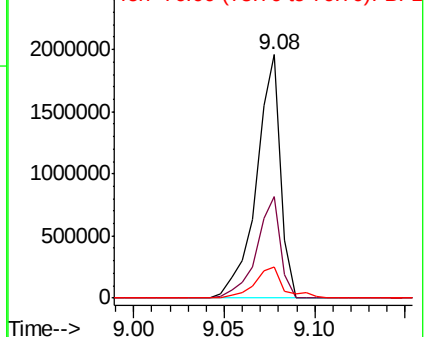
154 100

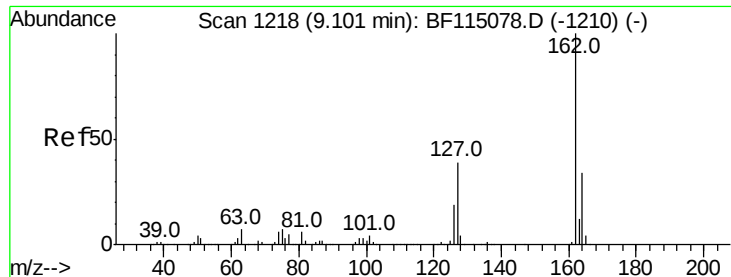
153 41.9 20.9 60.9

76 13.0 0.0 34.1



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

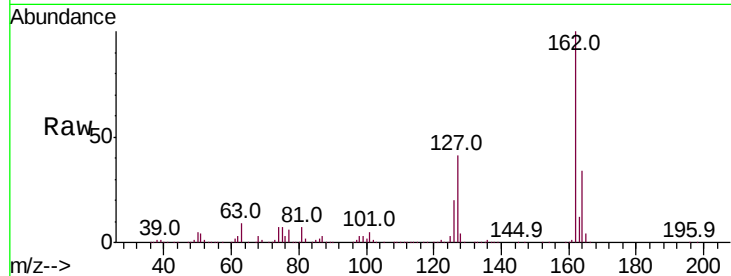




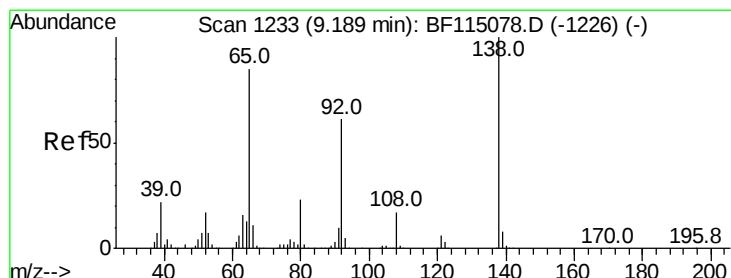
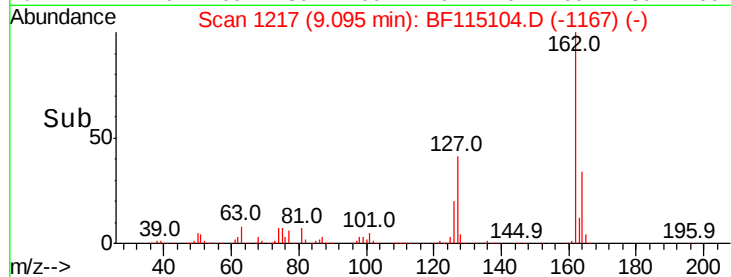
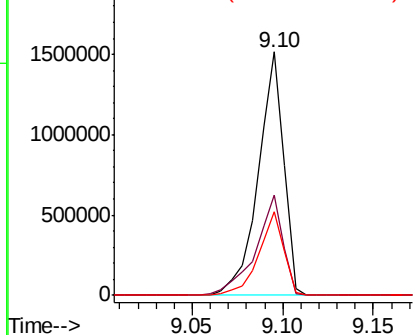
#47
 2-Chloronaphthalene
 Concen: 42.911 ng
 RT: 9.10 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF115104.D
 Acq: 22 Jun 2019 3:09

Instrument :
 BNA_F
 ClientSampleId :
 PB120595BS

Tot Ion:162 Resp: 1480289
 Ion Ratio Lower Upper
 162 100
 127 41.2 30.8 46.2
 164 34.1 27.0 40.4

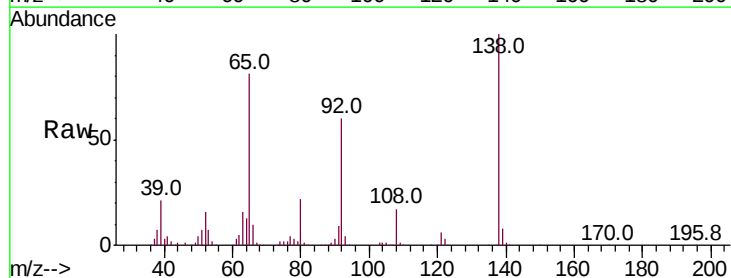


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

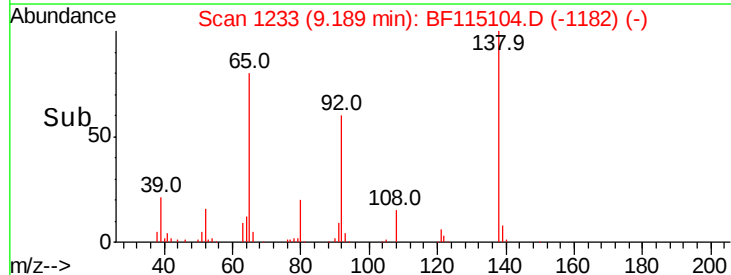
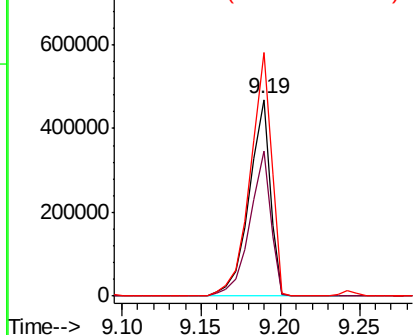


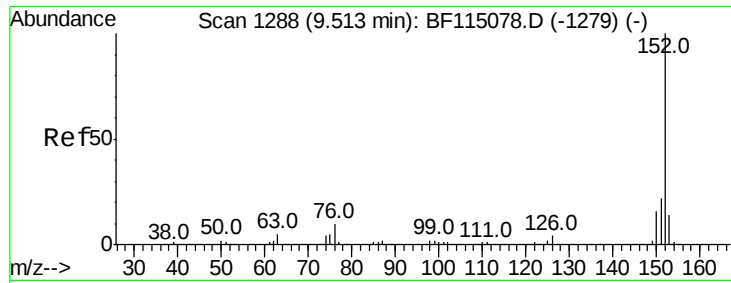
#48
 2-Nitroaniline
 Concen: 43.083 ng
 RT: 9.19 min Scan# 1233
 Delta R.T. -0.00 min
 Lab File: BF115104.D
 Acq: 22 Jun 2019 3:09

Tgt Ion: 65 Resp: 433296
 Ion Ratio Lower Upper
 65 100
 92 74.1 57.4 86.2
 138 124.0 94.1 141.1



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





#49

Acenaphthylene

Concen: 43.090 ng

RT: 9.51 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF115104.D

Acq: 22 Jun 2019 3:09

Instrument :

BNA_F

ClientSampleId :

PB120595BS

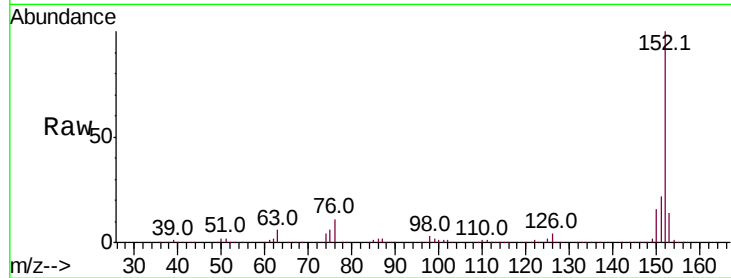
Tot Ion:152 Resp: 2315951

Ion Ratio Lower Upper

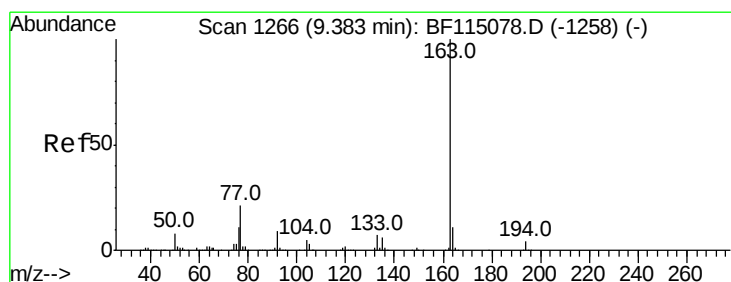
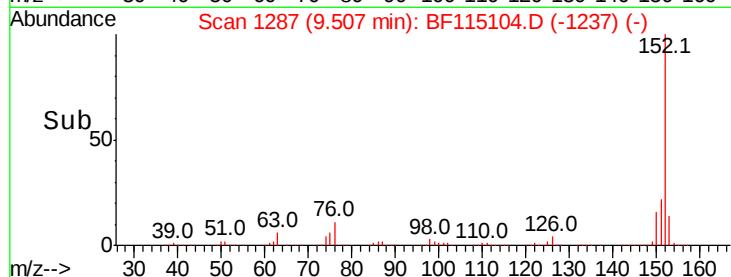
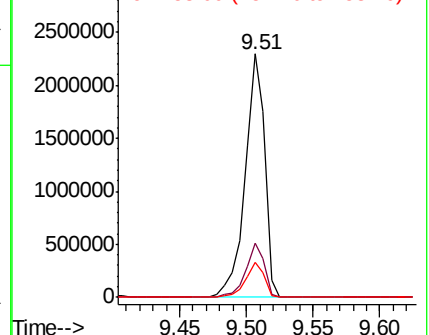
152 100

151 22.0 17.2 25.8

153 14.4 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: 43.505 ng

RT: 9.38 min Scan# 1266

Delta R.T. -0.00 min

Lab File: BF115104.D

Acq: 22 Jun 2019 3:09

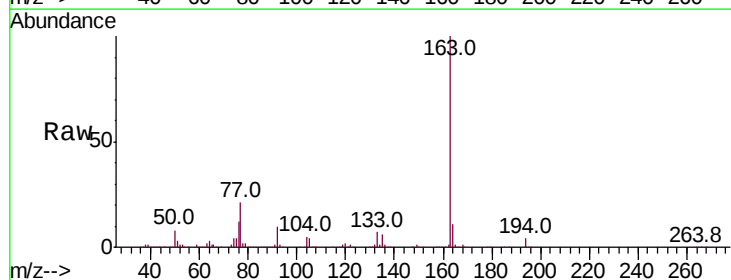
Tgt Ion:163 Resp: 1701233

Ion Ratio Lower Upper

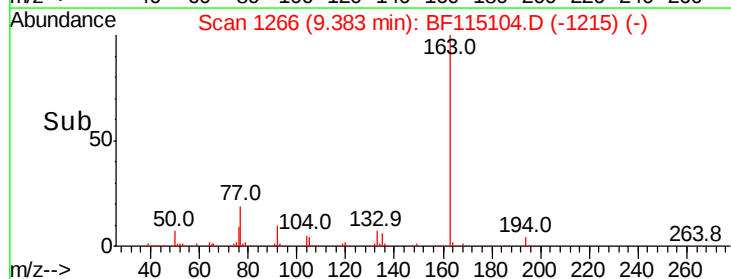
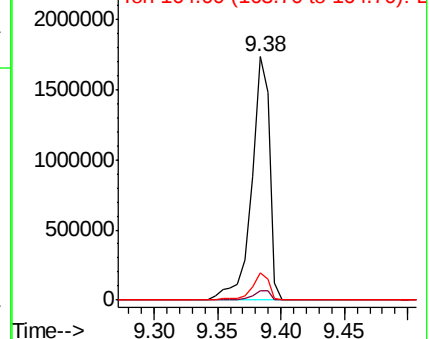
163 100

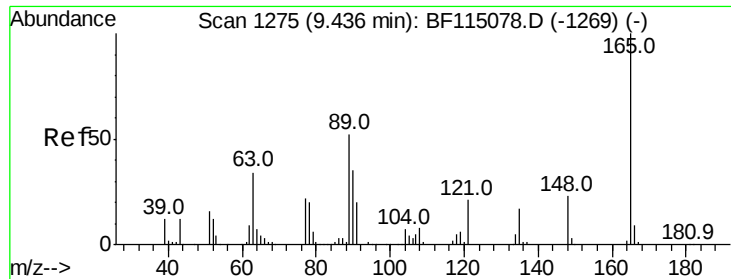
194 4.0 3.2 4.8

164 11.1 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

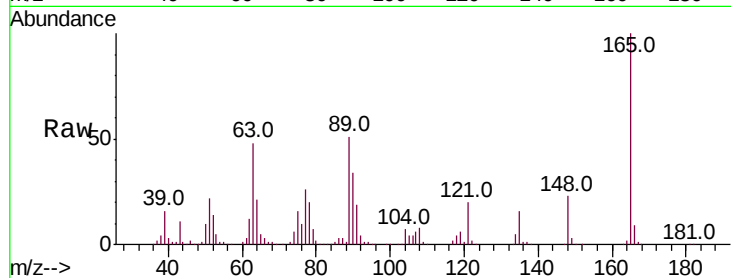




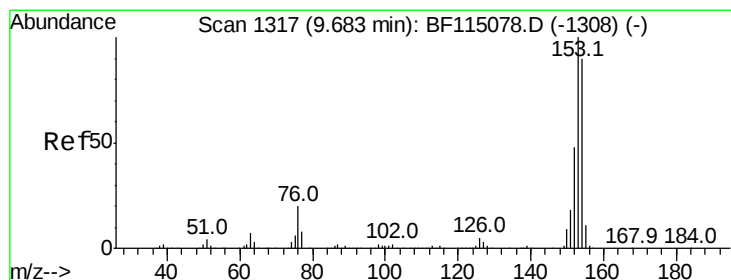
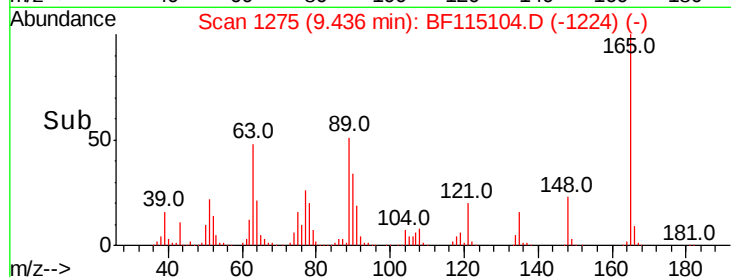
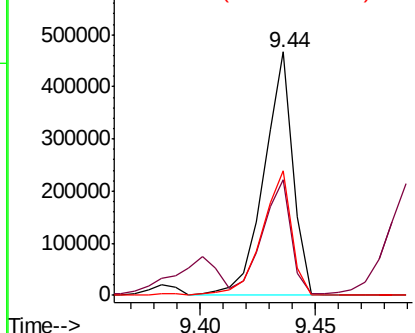
#51
2,6-Dinitrotoluene
Concen: 44.973 ng
RT: 9.44 min Scan# 1275
Delta R.T. -0.00 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Instrument :
BNA_F
ClientSampleId :
PB120595BS

Tot Ion:165 Resp: 406013
Ion Ratio Lower Upper
165 100
63 47.5 39.4 59.2
89 51.1 42.0 63.0

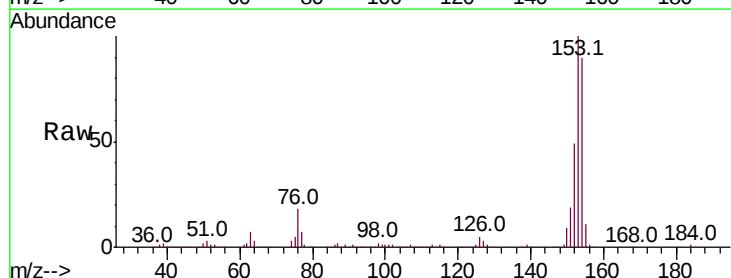


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

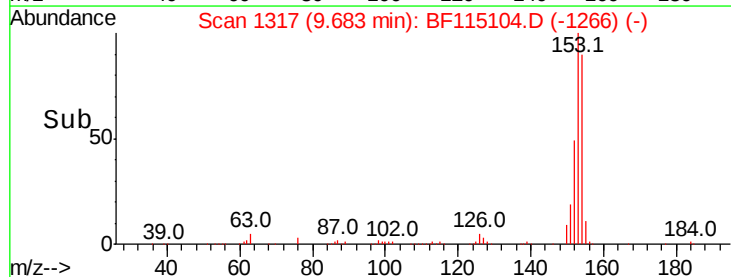
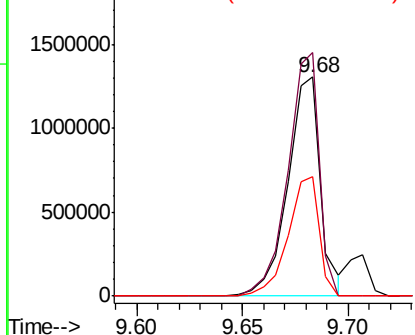


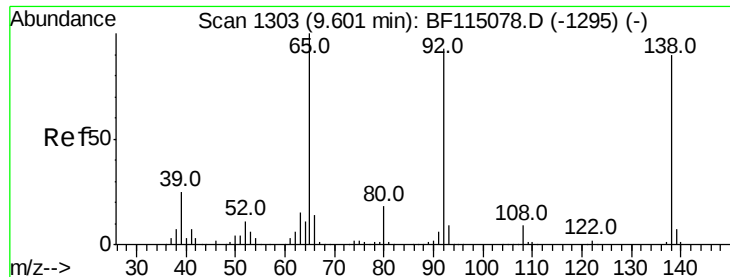
#52
Acenaphthene
Concen: 41.942 ng
RT: 9.68 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Tgt Ion:154 Resp: 1410608
Ion Ratio Lower Upper
154 100
153 111.1 88.7 133.1
152 54.5 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

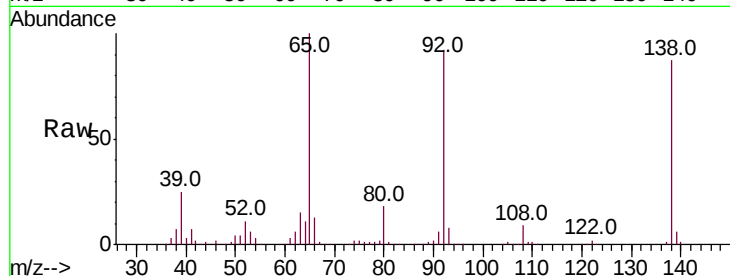




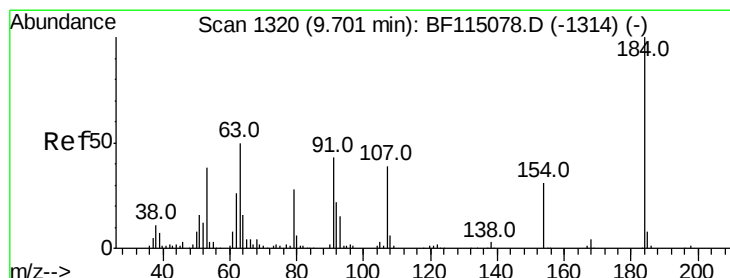
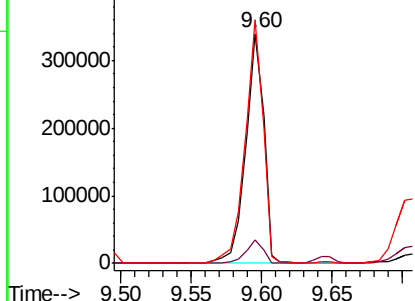
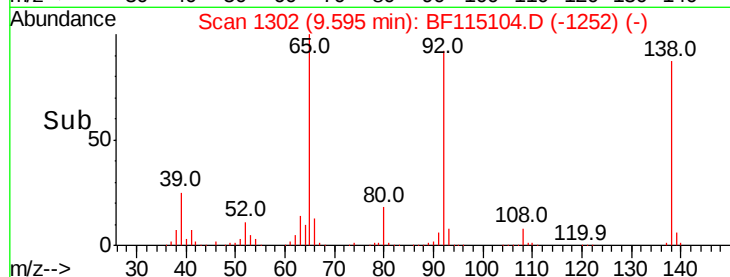
#53
3-Nitroaniline
Concen: 27.713 ng
RT: 9.60 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Instrument :
BNA_F
ClientSampleId :
PB120595BS

Tot Ion:138 Resp: 305316
Ion Ratio Lower Upper
138 100
108 10.0 7.8 11.6
92 105.9 82.9 124.3

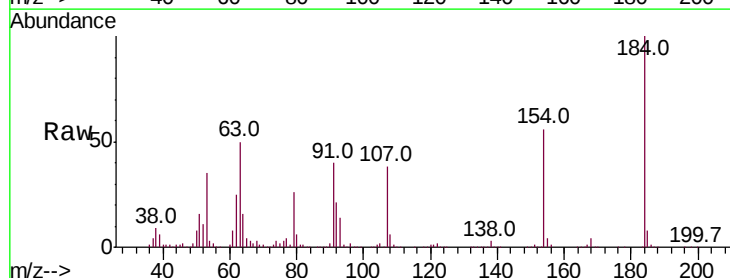


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

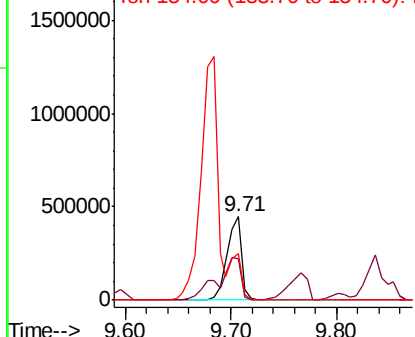
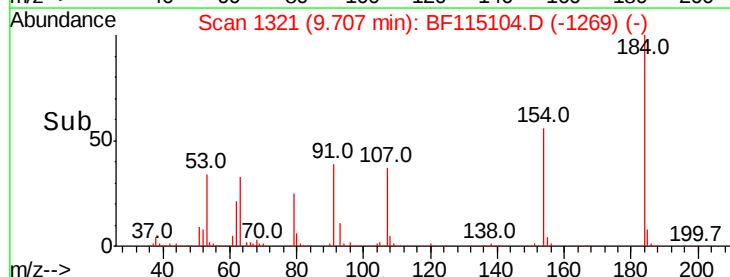


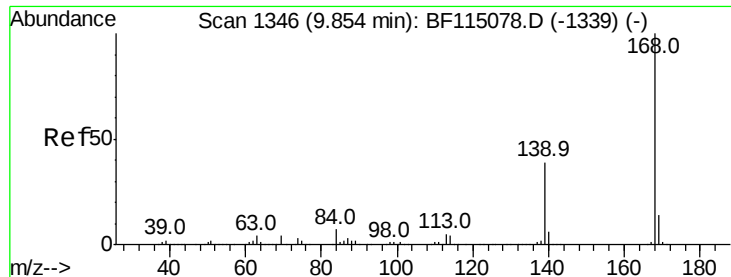
#54
2,4-Dinitrophenol
Concen: 90.392 ng
RT: 9.71 min Scan# 1321
Delta R.T. 0.01 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Tgt Ion:184 Resp: 424793
Ion Ratio Lower Upper
184 100
63 49.9 41.9 62.9
154 55.8 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

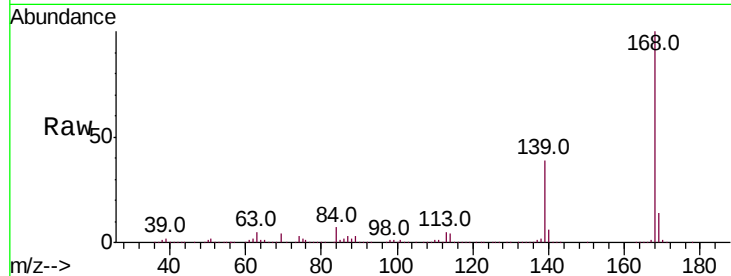




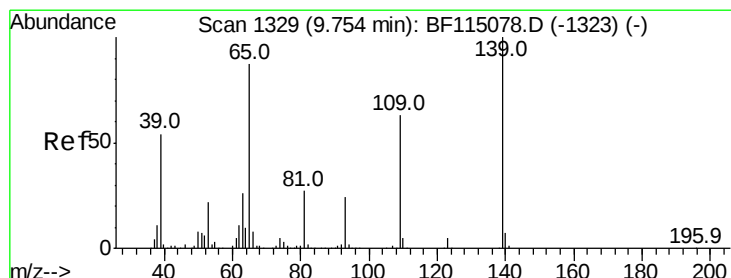
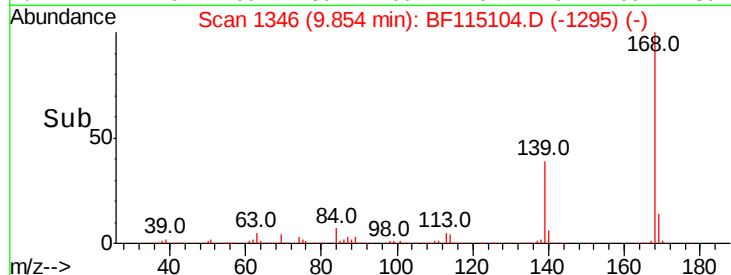
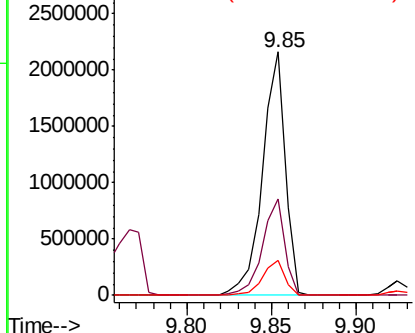
#55
Dibenzofuran
Concen: 41.818 ng
RT: 9.85 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Instrument :
BNA_F
ClientSampleId :
PB120595BS

Tot Ion:168 Resp: 2018611
Ion Ratio Lower Upper
168 100
139 39.4 31.1 46.7
169 14.2 11.3 16.9

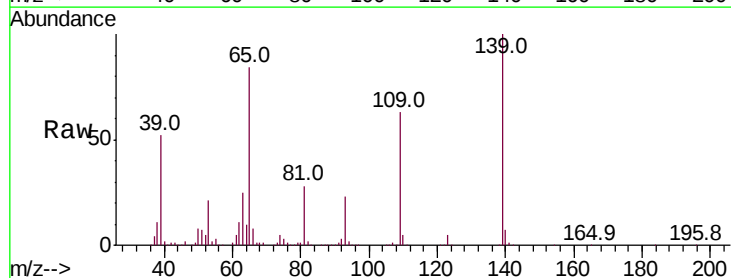


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

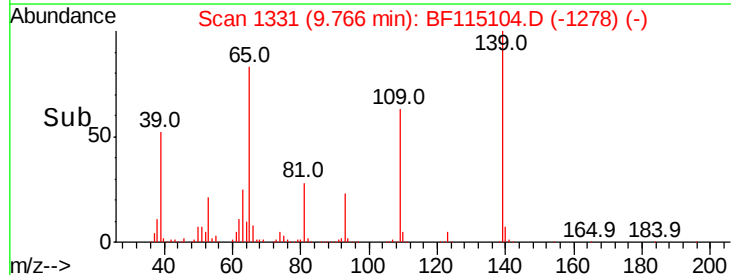
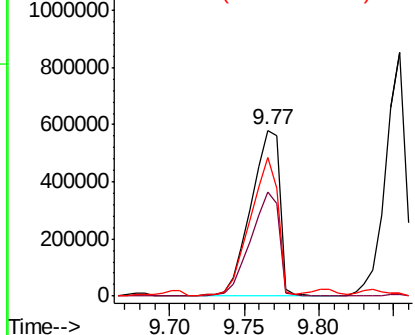


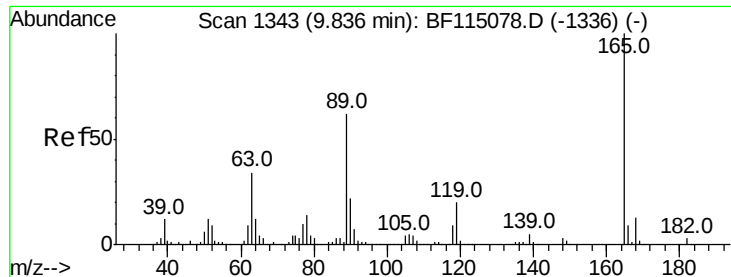
#56
4-Nitrophenol
Concen: 87.522 ng
RT: 9.77 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Tgt Ion:139 Resp: 773027
Ion Ratio Lower Upper
139 100
109 63.1 43.0 83.0
65 83.6 67.0 107.0



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

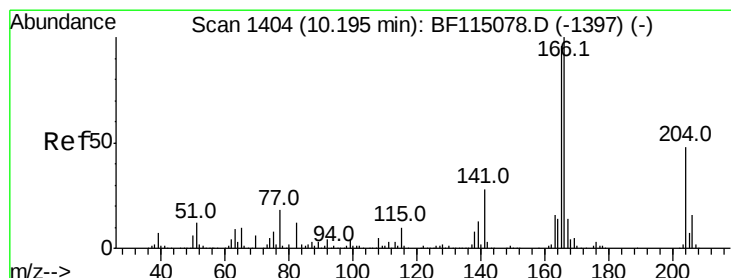
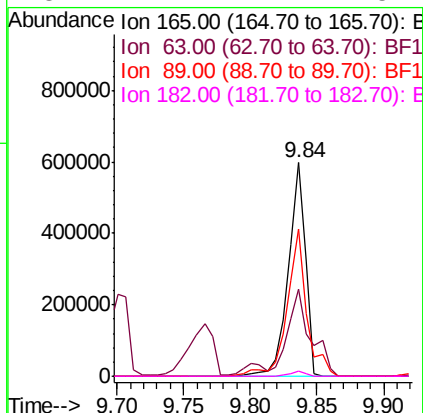
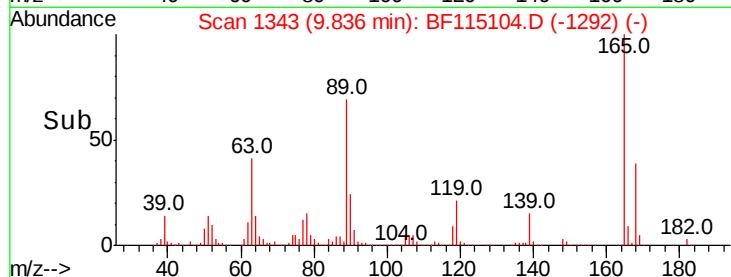
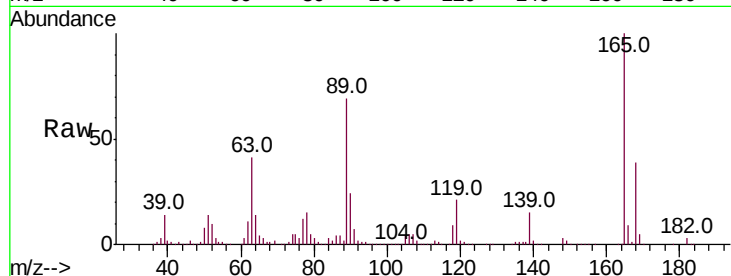




#57
 2,4-Dinitrotoluene
 Concen: 46.633 ng
 RT: 9.84 min Scan# 1343
 Delta R.T. -0.00 min
 Lab File: BF115104.D
 Acq: 22 Jun 2019 3:09

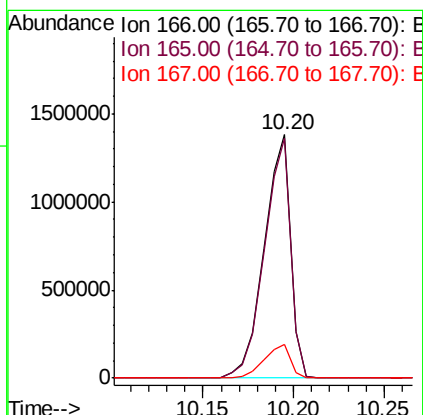
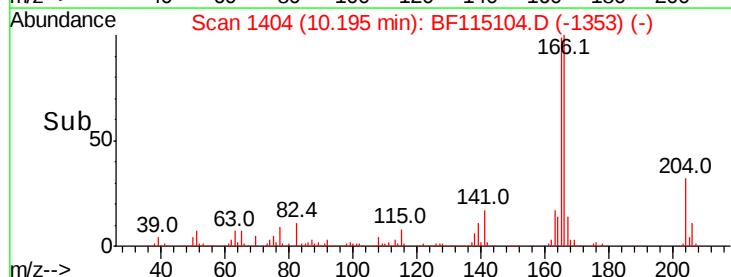
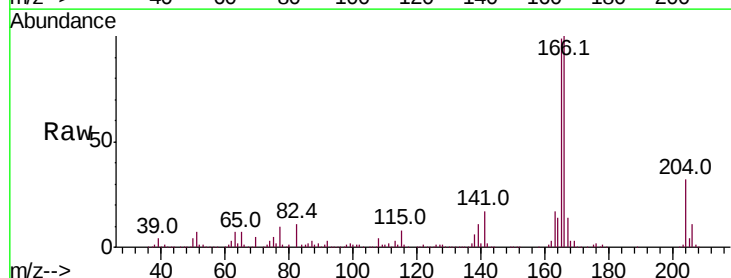
Instrument :
 BNA_F
 ClientSampleId :
 PB120595BS

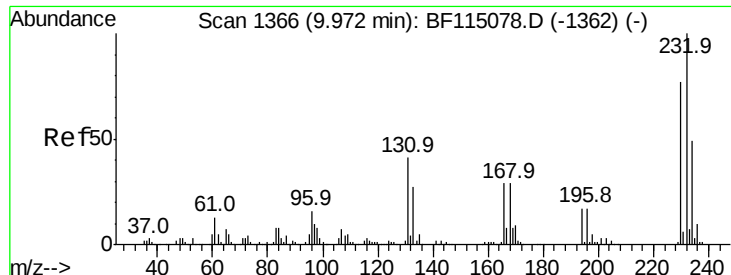
Tot Ion:	165	Resp:	543593
Ion	Ratio	Lower	Upper
165	100		
63	40.7	27.5	41.3
89	68.7	49.9	74.9
182	2.7	2.1	3.1



#58
 Fluorene
 Concen: 42.908 ng
 RT: 10.20 min Scan# 1404
 Delta R.T. 0.00 min
 Lab File: BF115104.D
 Acq: 22 Jun 2019 3:09

Tgt Ion:	166	Resp:	1388849
Ion	Ratio	Lower	Upper
166	100		
165	98.6	76.5	114.7
167	13.6	11.0	16.4

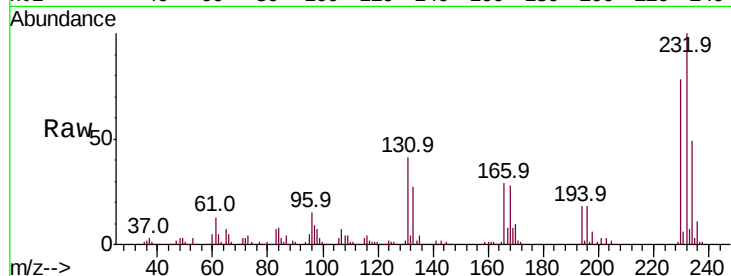




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.739 ng
 RT: 9.97 min Scan# 1366
 Delta R.T. -0.00 min
 Lab File: BF115104.D
 Acq: 22 Jun 2019 3:09

Instrument :
 BNA_F
 ClientSampleId :
 PB120595BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	47.7	37.4	56.0
130	2.3	1.8	2.6
166	31.1	24.6	36.8



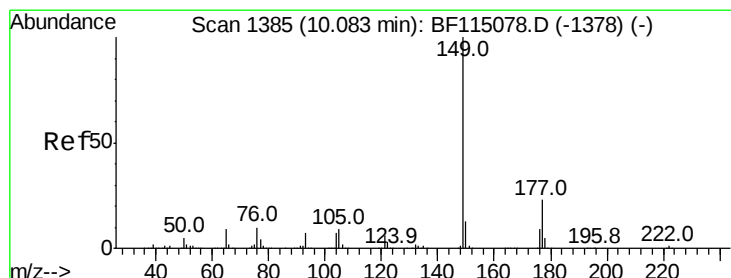
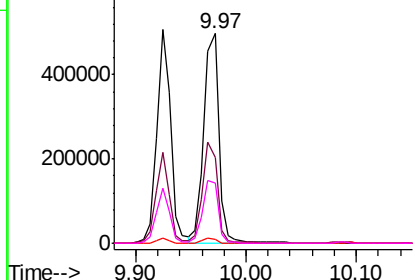
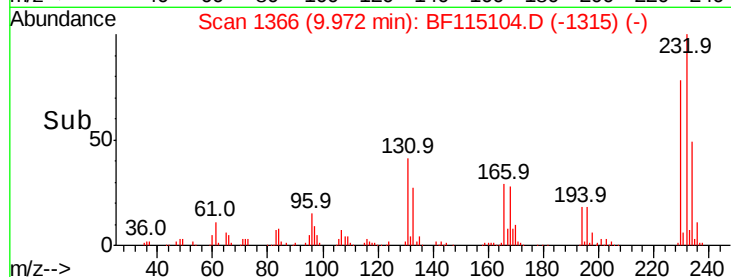
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

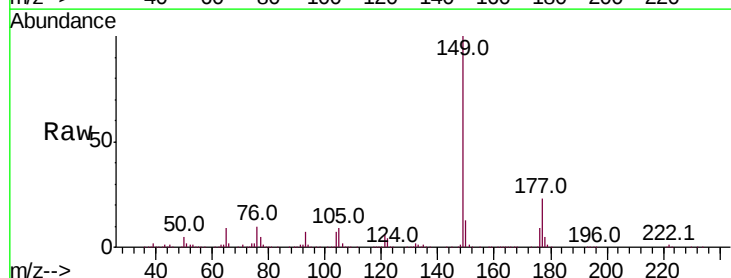
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 43.504 ng
 RT: 10.08 min Scan# 1385
 Delta R.T. -0.00 min
 Lab File: BF115104.D
 Acq: 22 Jun 2019 3:09

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.3	18.7	28.1
150	13.1	10.4	15.6

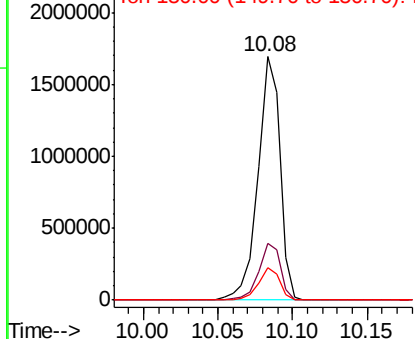
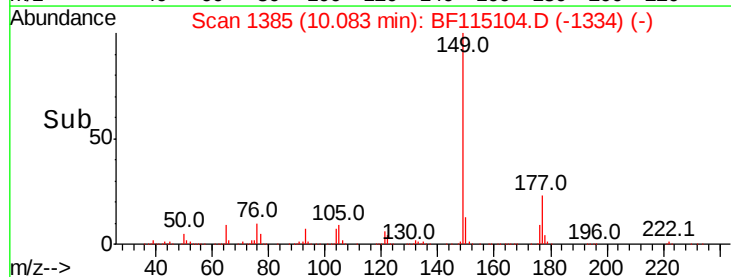


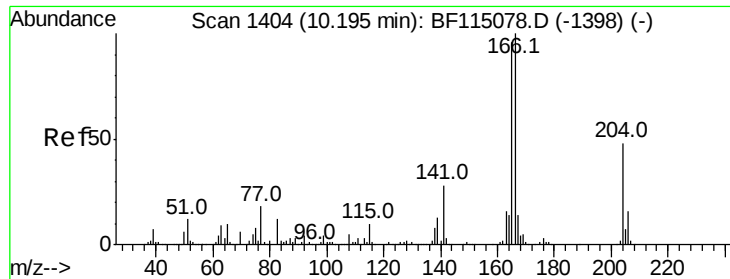
Abundance

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

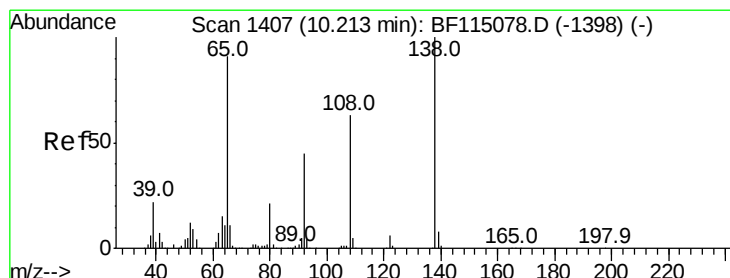
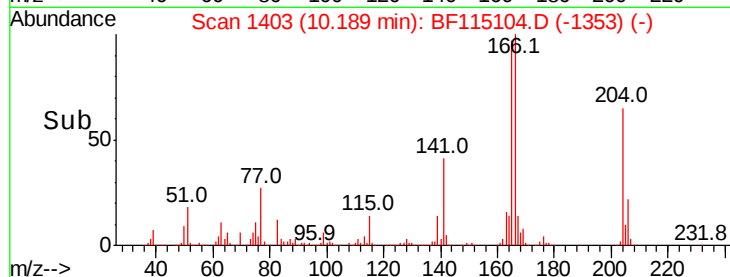
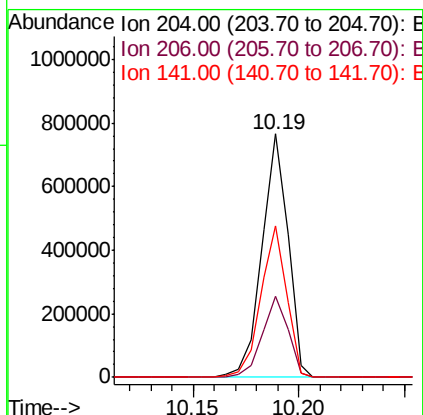
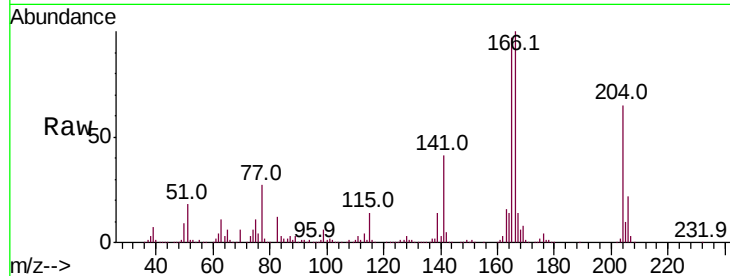




#61
 4-Chlorophenyl-phenylether
 Concen: 42.898 ng
 RT: 10.19 min Scan# 1403
 Delta R.T. -0.01 min
 Lab File: BF115104.D
 Acq: 22 Jun 2019 3:09

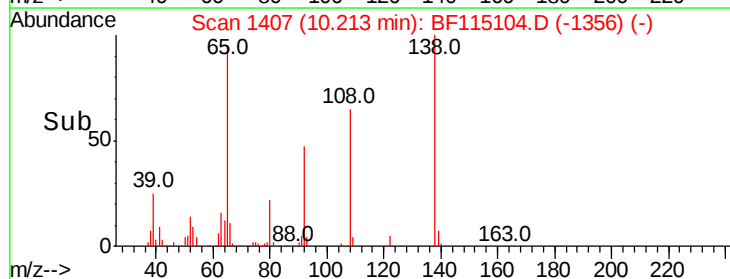
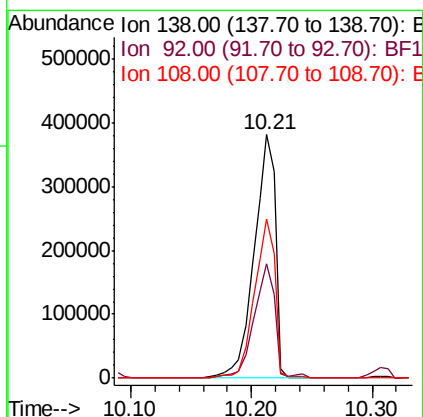
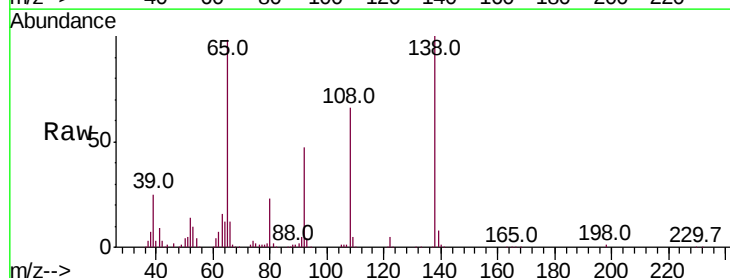
Instrument :
 BNA_F
 ClientSampleId :
 PB120595BS

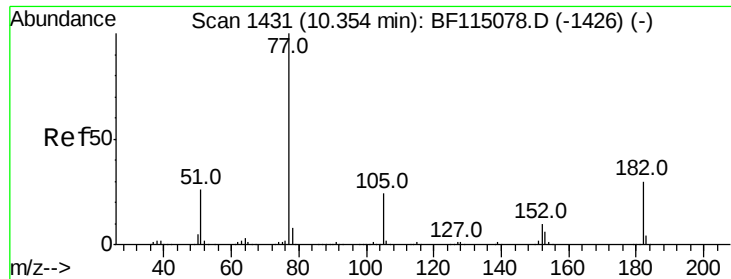
Tot Ion:204 Resp: 660032
 Ion Ratio Lower Upper
 204 100
 206 33.2 26.6 40.0
 141 62.4 46.7 70.1



#62
 4-Nitroaniline
 Concen: 42.405 ng
 RT: 10.21 min Scan# 1407
 Delta R.T. -0.00 min
 Lab File: BF115104.D
 Acq: 22 Jun 2019 3:09

Tgt Ion:138 Resp: 468666
 Ion Ratio Lower Upper
 138 100
 92 46.7 24.8 64.8
 108 65.6 43.3 83.3

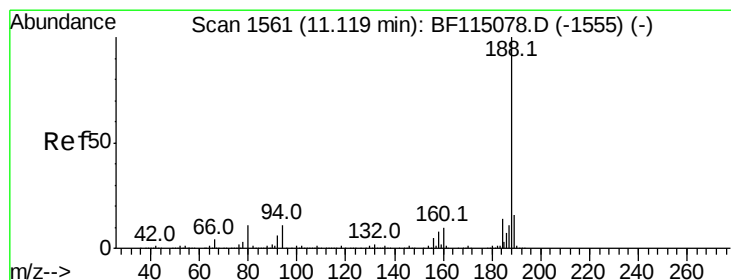
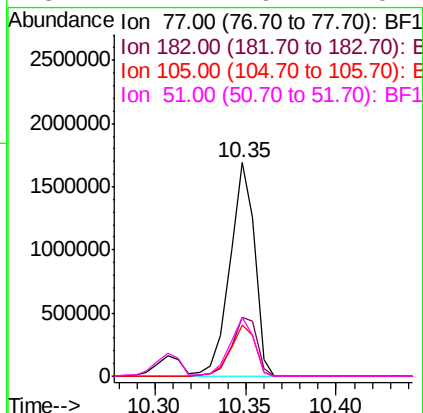
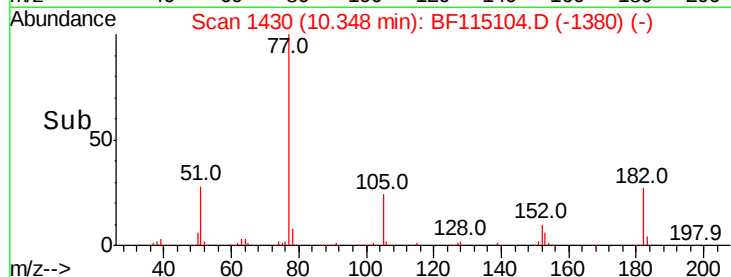
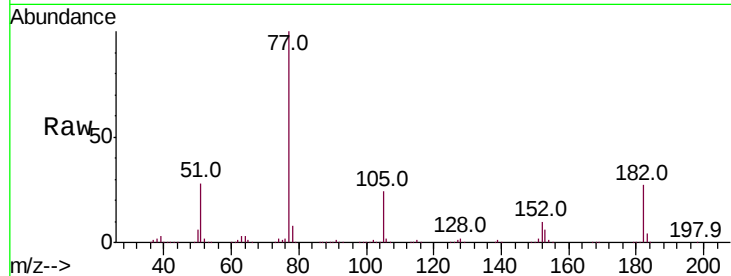




#63
Azobenzene
Concen: 43.519 ng
RT: 10.35 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

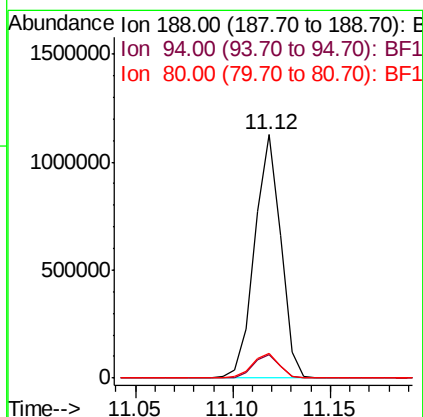
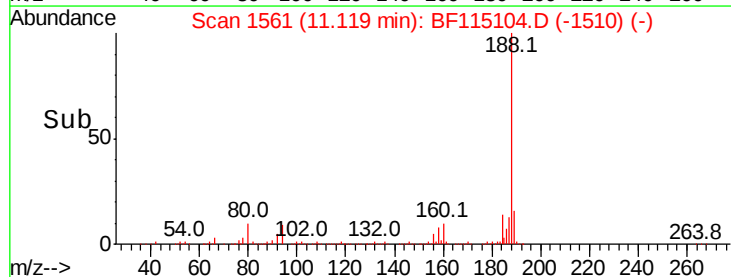
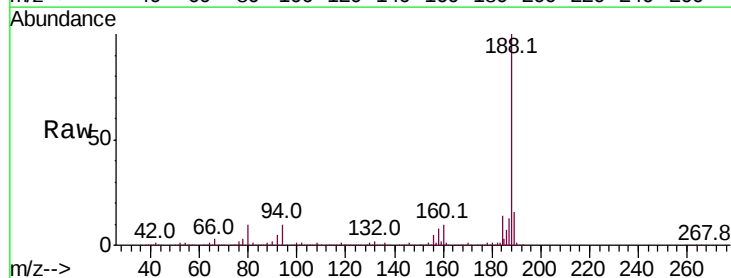
Instrument :
BNA_F
ClientSampleId :
PB120595BS

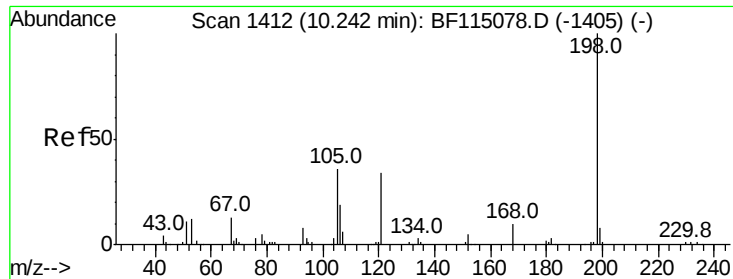
Tot Ion: 77 Resp: 1597798
Ion Ratio Lower Upper
77 100
182 27.4 10.1 50.1
105 23.9 4.5 44.5
51 27.7 6.4 46.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.12 min Scan# 1561
Delta R.T. -0.00 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Tgt Ion: 188 Resp: 1045967
Ion Ratio Lower Upper
188 100
94 9.6 8.6 12.8
80 10.2 8.8 13.2





#65

4,6-Dinitro-2-methylphenol

Concen: 46.205 ng

RT: 10.24 min Scan# 1412

Delta R.T. 0.00 min

Lab File: BF115104.D

Acq: 22 Jun 2019 3:09

Instrument :

BNA_F

ClientSampleId :

PB120595BS

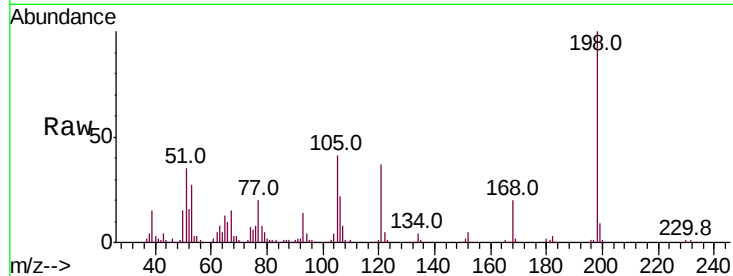
Tot Ion:198 Resp: 256001

Ion Ratio Lower Upper

198 100

51 34.5 11.0 51.0

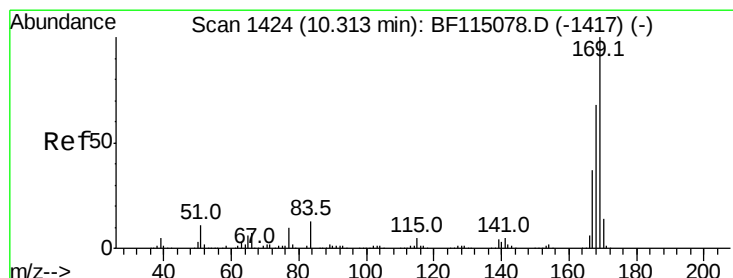
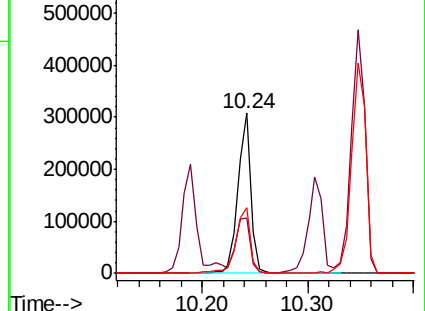
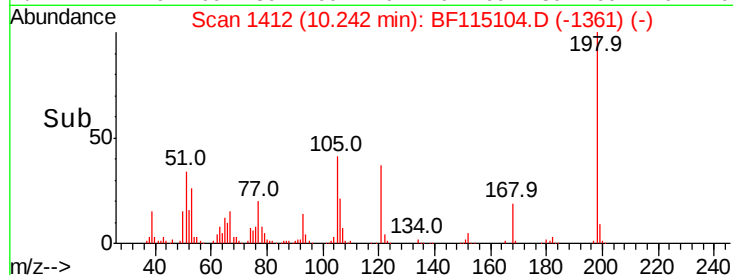
105 41.4 17.3 57.3



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: 44.021 ng

RT: 10.31 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BF115104.D

Acq: 22 Jun 2019 3:09

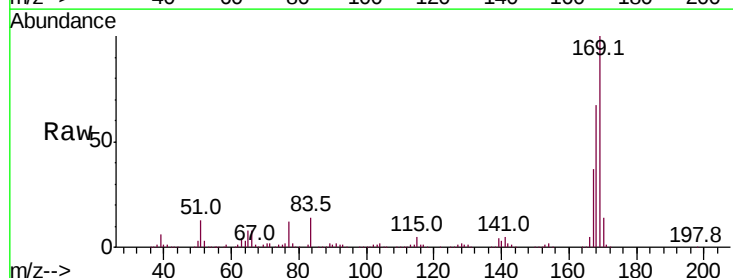
Tgt Ion:169 Resp: 1434509

Ion Ratio Lower Upper

169 100

168 66.9 54.2 81.4

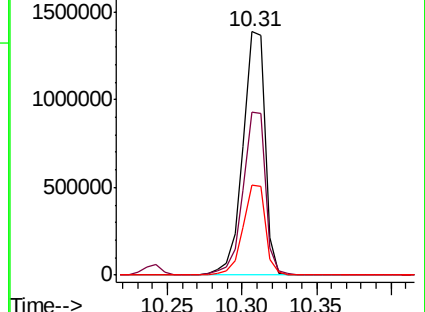
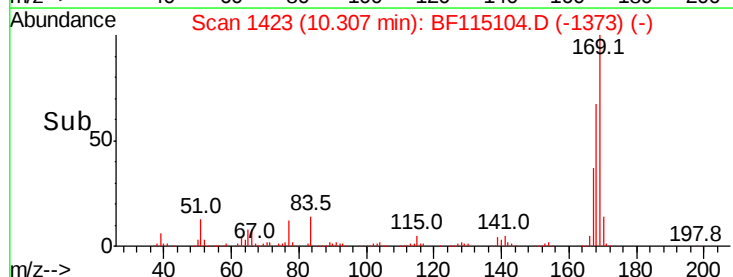
167 36.9 29.4 44.0

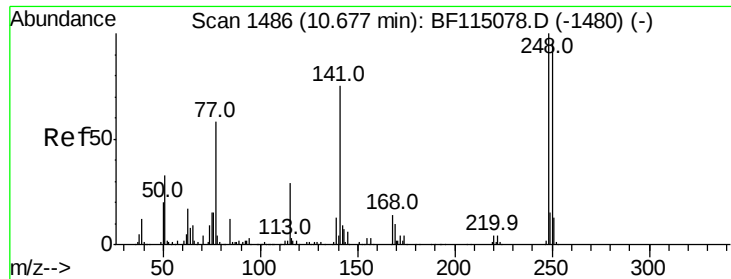


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

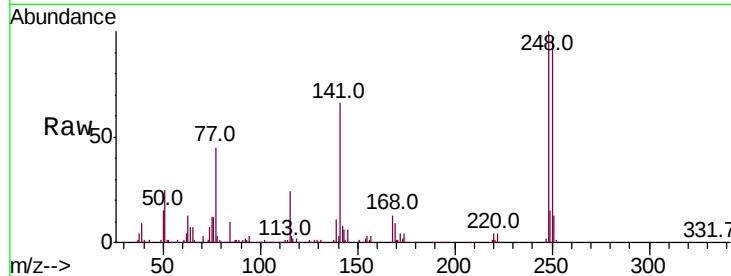




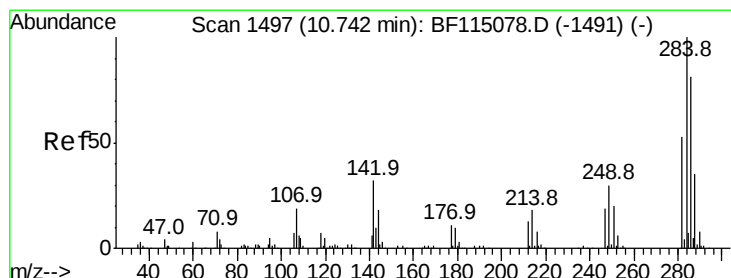
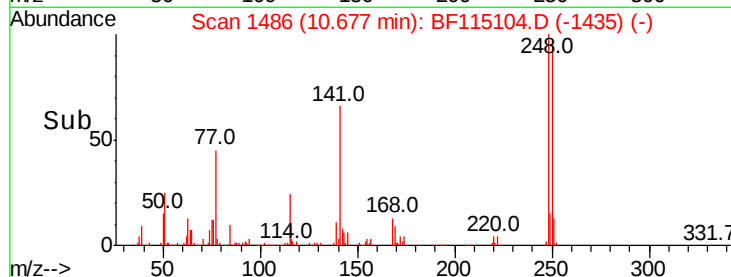
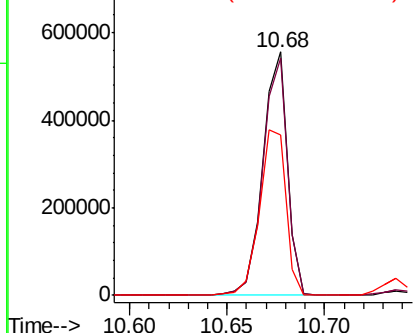
#67
4-Bromophenyl-phenylether
Concen: 42.831 ng
RT: 10.68 min Scan# 1486
Delta R.T. -0.00 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Instrument :
BNA_F
ClientSampleId :
PB120595BS

Tot Ion:248 Resp: 485722
Ion Ratio Lower Upper
248 100
250 97.3 76.2 114.2
141 66.0 59.6 89.4

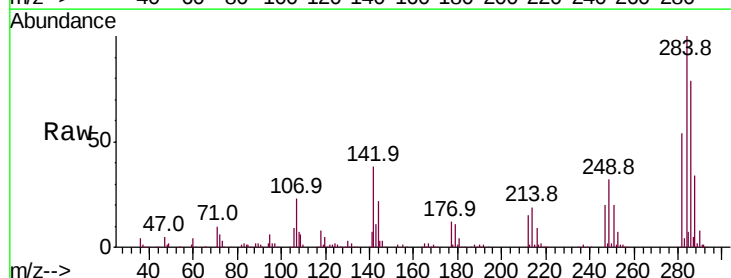


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

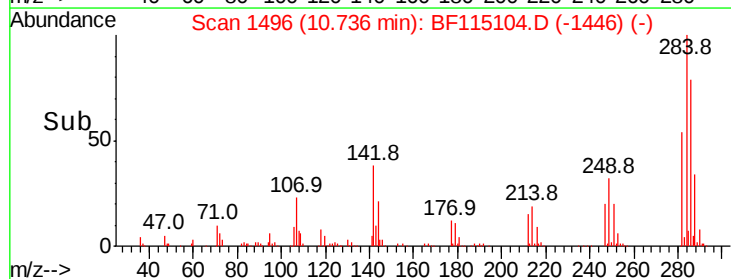
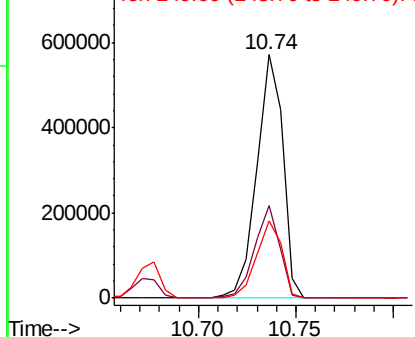


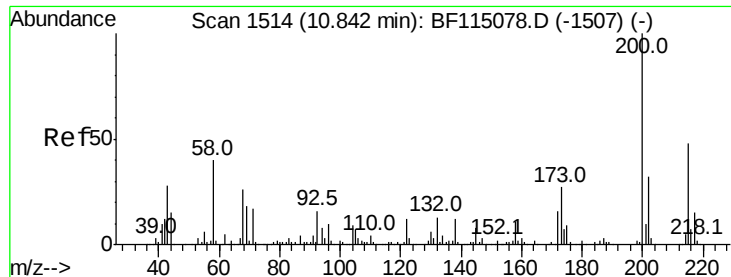
#68
Hexachlorobenzene
Concen: 42.977 ng
RT: 10.74 min Scan# 1496
Delta R.T. -0.01 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Tgt Ion:284 Resp: 529018
Ion Ratio Lower Upper
284 100
142 37.8 25.8 38.8
249 31.8 24.2 36.4



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

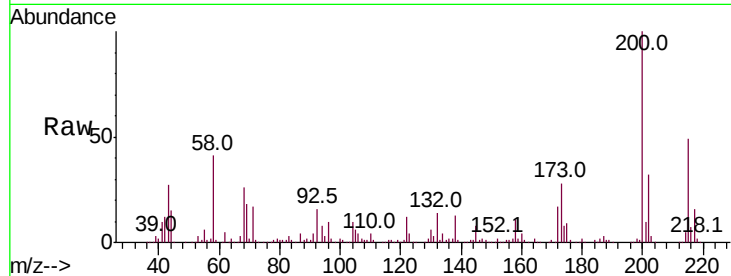




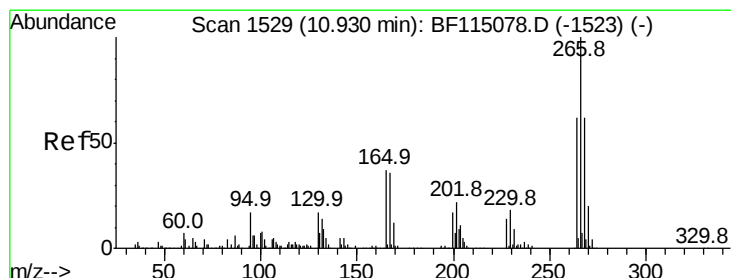
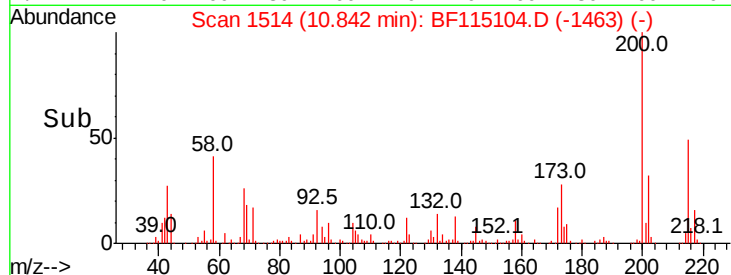
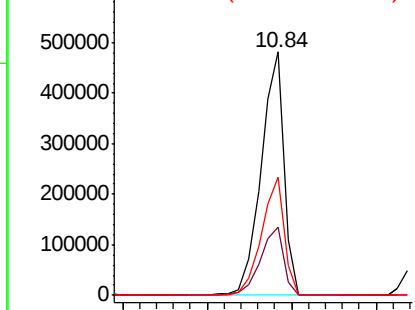
#69
Atrazine
Concen: 43.102 ng
RT: 10.84 min Scan# 1514
Delta R.T. -0.00 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Instrument :
BNA_F
ClientSampleId :
PB120595BS

Tot Ion:200 Resp: 451816
Ion Ratio Lower Upper
200 100
173 27.8 7.4 47.4
215 48.6 27.8 67.8

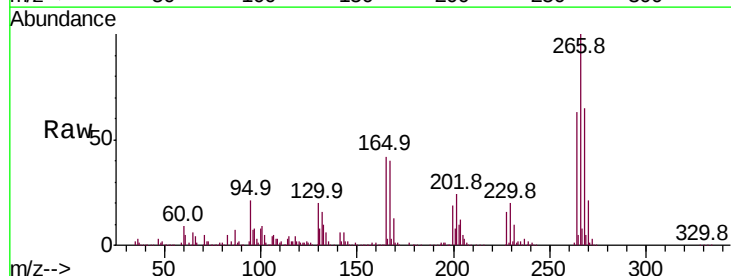


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

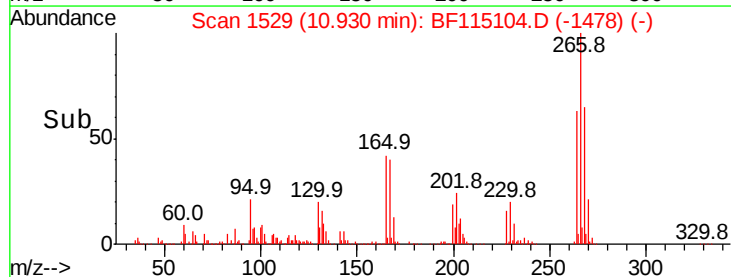
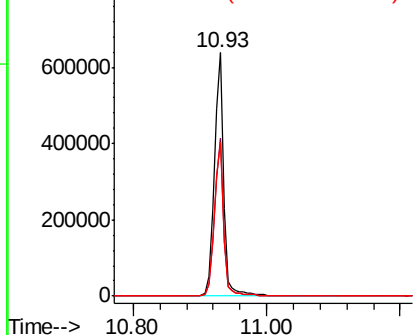


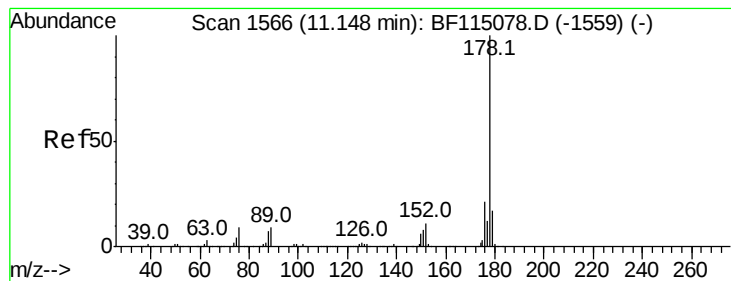
#70
Pentachlorophenol
Concen: 80.416 ng
RT: 10.93 min Scan# 1529
Delta R.T. -0.00 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Tgt Ion:266 Resp: 630616
Ion Ratio Lower Upper
266 100
268 64.9 49.5 74.3
264 63.5 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: 40.793 ng

RT: 11.15 min Scan# 1566

Delta R.T. -0.00 min

Lab File: BF115104.D

Acq: 22 Jun 2019 3:09

Instrument :

BNA_F

ClientSampleId :

PB120595BS

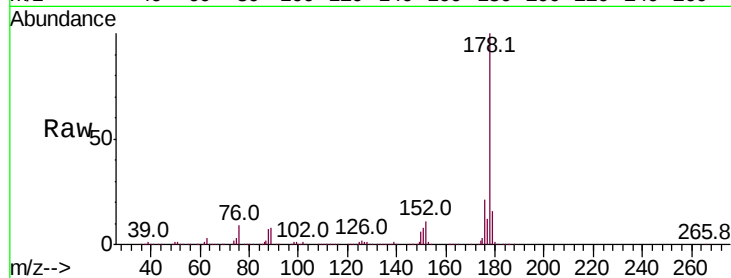
Tot Ion:178 Resp: 2297325

Ion Ratio Lower Upper

178 100

176 21.3 16.9 25.3

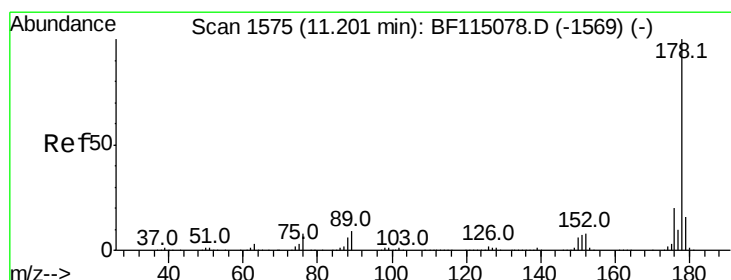
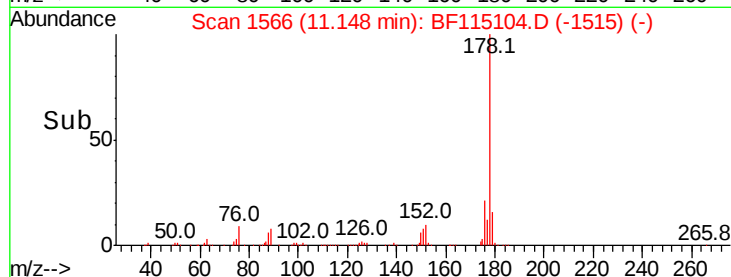
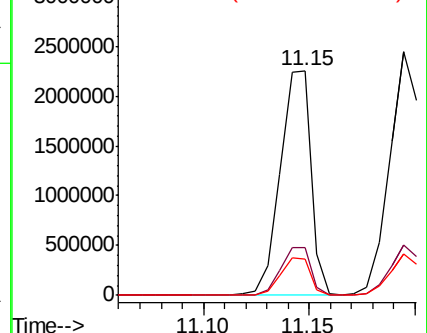
179 16.3 13.2 19.8



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: 41.971 ng

RT: 11.20 min Scan# 1574

Delta R.T. -0.01 min

Lab File: BF115104.D

Acq: 22 Jun 2019 3:09

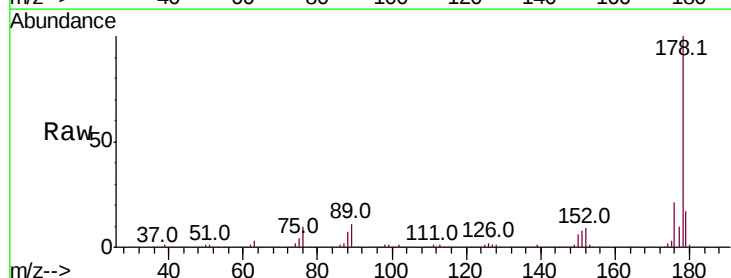
Tgt Ion:178 Resp: 2385928

Ion Ratio Lower Upper

178 100

176 20.6 16.1 24.1

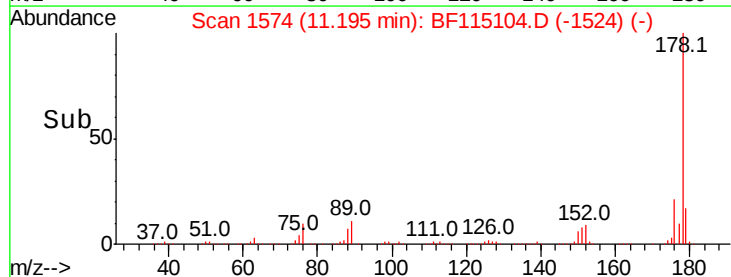
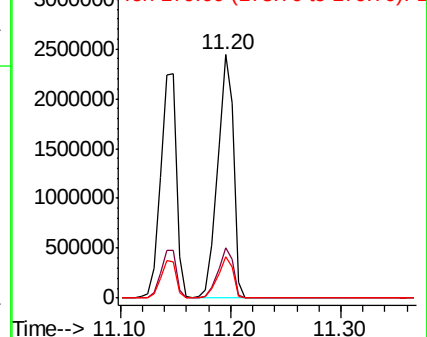
179 17.1 12.9 19.3

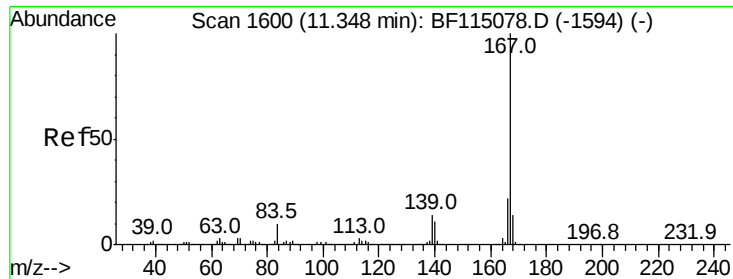


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

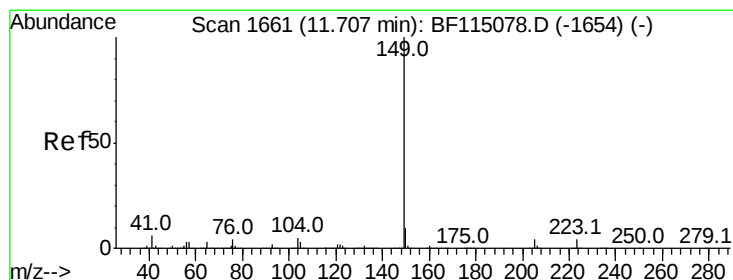
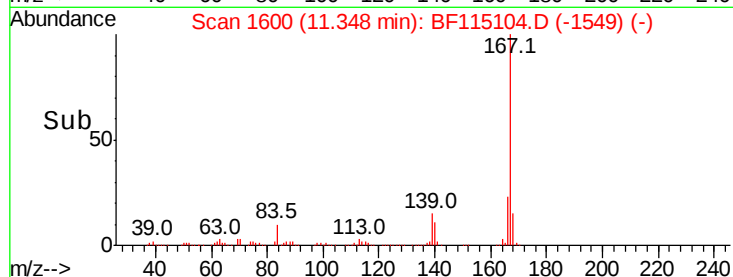
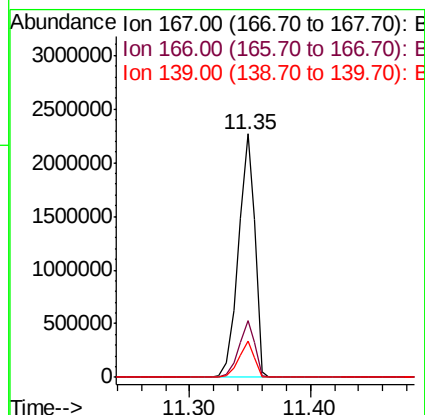
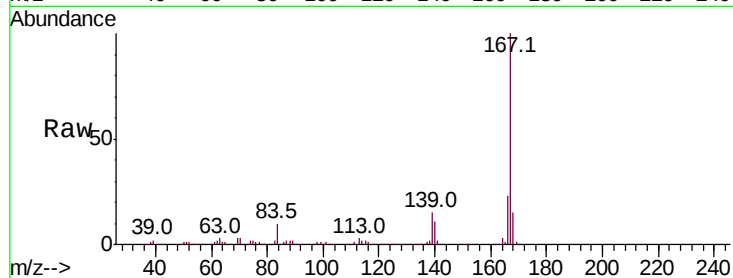




#73
 Carbazole
 Concen: 42.301 ng
 RT: 11.35 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: BF115104.D
 Acq: 22 Jun 2019 3:09

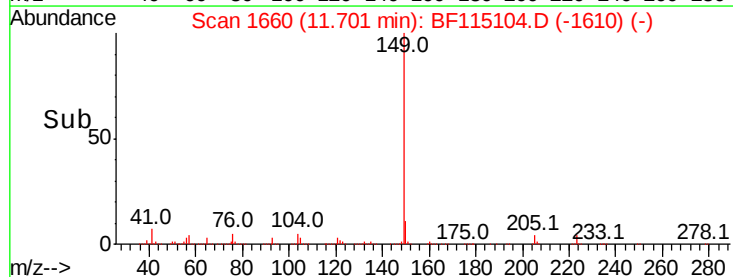
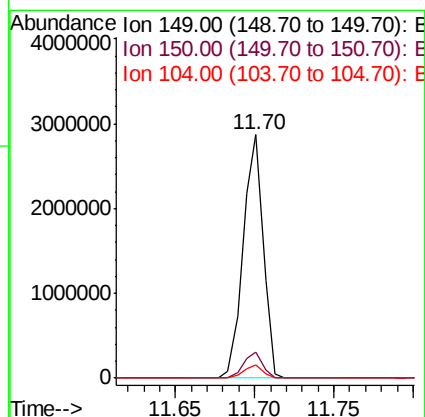
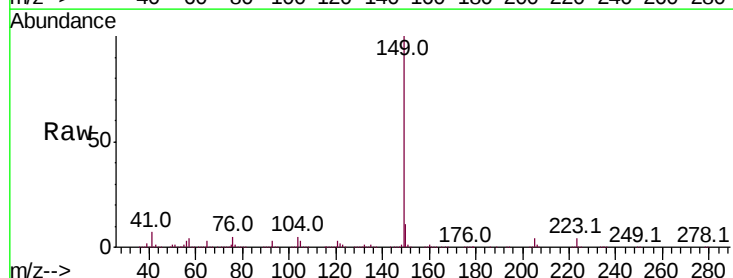
Instrument :
 BNA_F
 ClientSampleId :
 PB120595BS

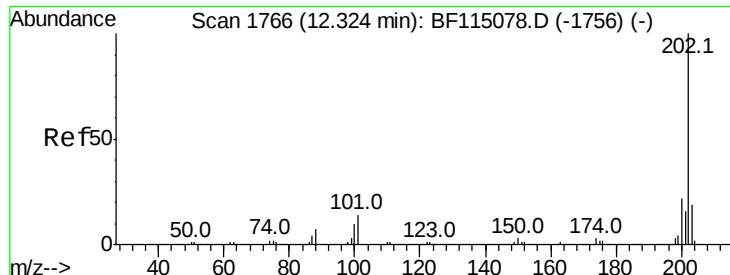
Tot Ion:167 Resp: 2147325
 Ion Ratio Lower Upper
 167 100
 166 23.4 18.0 27.0
 139 14.8 11.1 16.7



#74
 Di-n-butylphthalate
 Concen: 42.560 ng
 RT: 11.70 min Scan# 1660
 Delta R.T. -0.01 min
 Lab File: BF115104.D
 Acq: 22 Jun 2019 3:09

Tgt Ion:149 Resp: 2496542
 Ion Ratio Lower Upper
 149 100
 150 10.5 7.8 11.8
 104 5.2 3.7 5.5





#75

Fluoranthene

Concen: 42.529 ng

RT: 12.32 min Scan# 1766

Delta R.T. -0.00 min

Lab File: BF115104.D

Acq: 22 Jun 2019 3:09

Instrument :

BNA_F

ClientSampleId :

PB120595BS

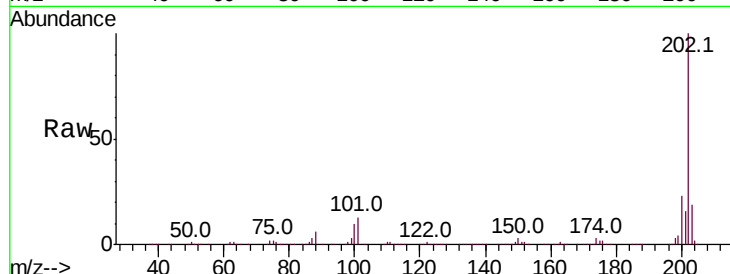
Tot Ion:202 Resp: 2389691

Ion Ratio Lower Upper

202 100

101 13.1 0.0 34.0

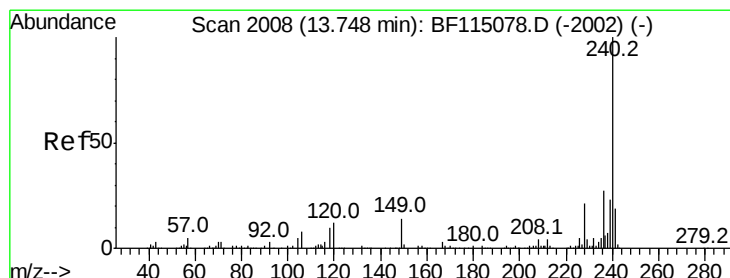
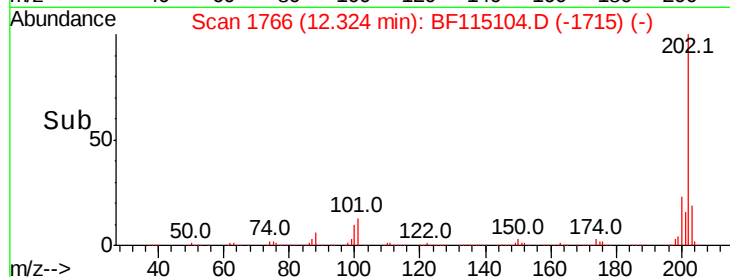
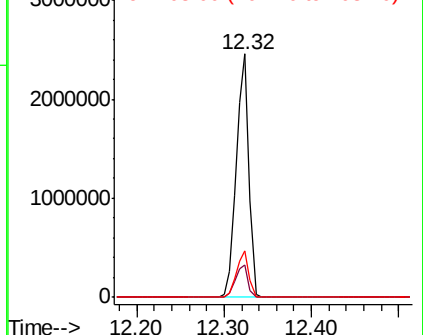
203 19.0 0.0 38.8



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: BF115104.D

Acq: 22 Jun 2019 3:09

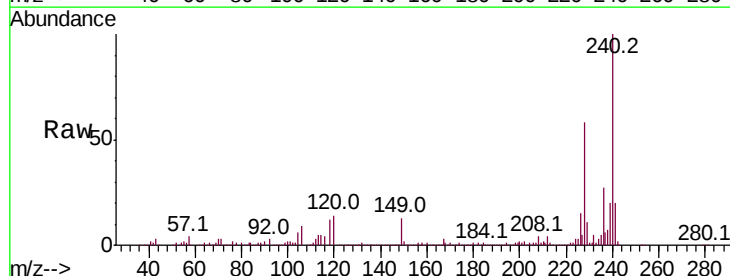
Tgt Ion:240 Resp: 737600

Ion Ratio Lower Upper

240 100

120 13.8 9.4 14.2

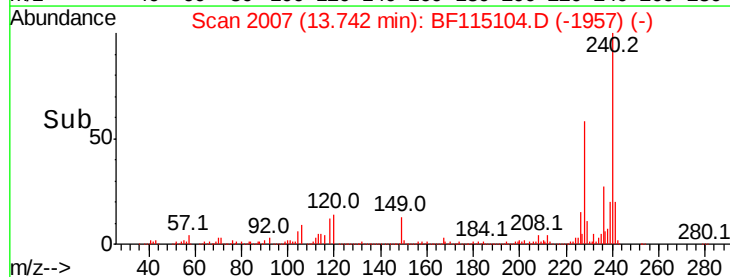
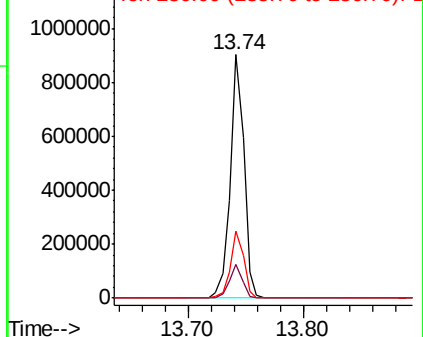
236 27.3 21.7 32.5

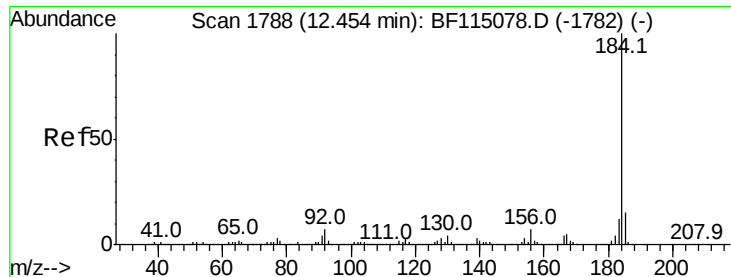


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 26.508 ng

RT: 12.45 min Scan# 1787

Delta R.T. -0.01 min

Lab File: BF115104.D

Acq: 22 Jun 2019 3:09

Instrument :

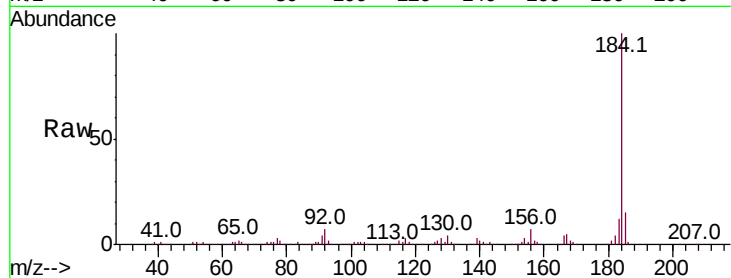
BNA_F

ClientSampleId :

PB120595BS

Tot Ion:184 Resp: 868197

Ion	Ratio	Lower	Upper
184	100		
185	15.5	12.2	18.2
183	12.0	9.6	14.4

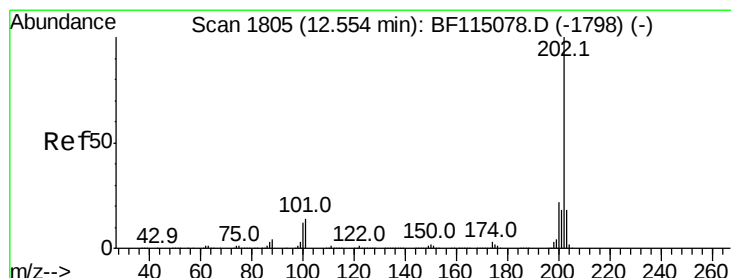
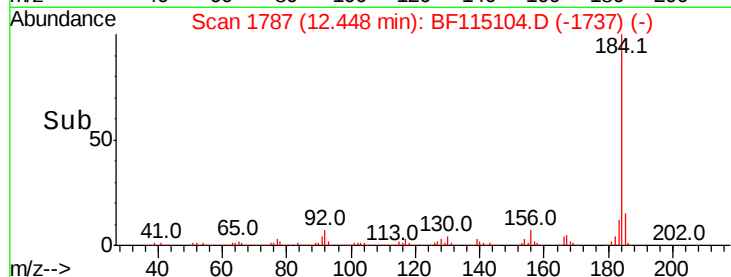
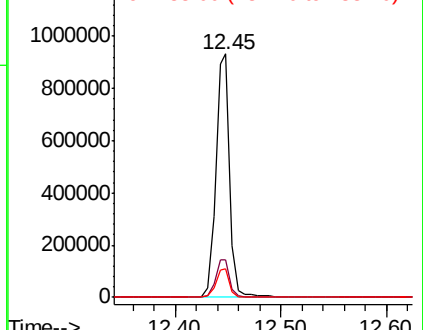


Abundance

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: 43.507 ng

RT: 12.55 min Scan# 1804

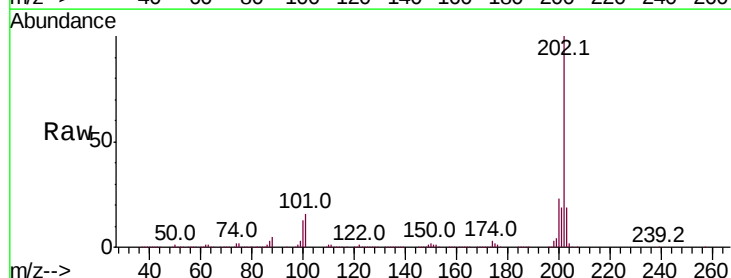
Delta R.T. -0.01 min

Lab File: BF115104.D

Acq: 22 Jun 2019 3:09

Tgt Ion:202 Resp: 2466216

Ion	Ratio	Lower	Upper
202	100		
200	23.2	17.9	26.9
203	18.9	14.6	21.8

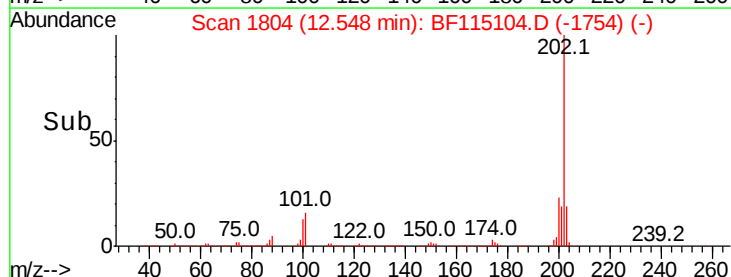
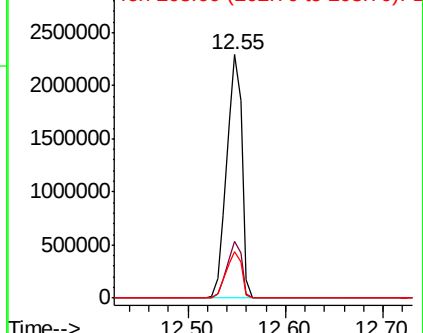


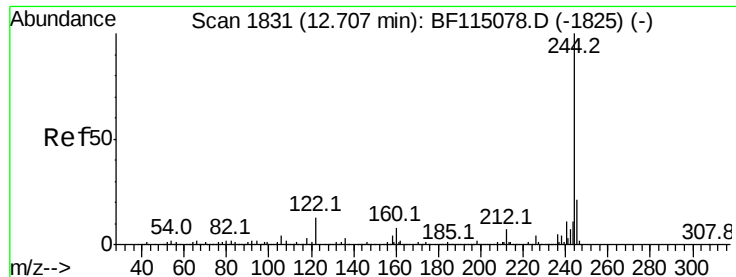
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 85.920 ng

RT: 12.71 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BF115104.D

Acq: 22 Jun 2019 3:09

Instrument :

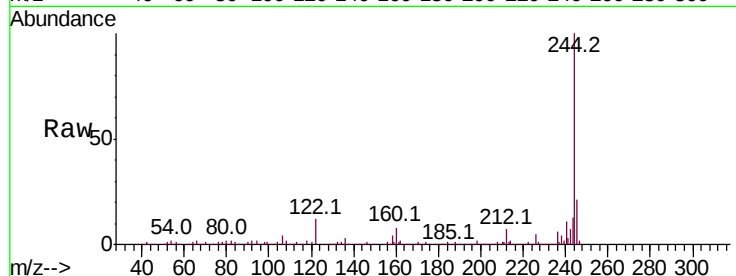
BNA_F

ClientSampleId :

PB120595BS

Tot Ion:244 Resp: 2980697

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.6
122	12.1	10.4	15.6

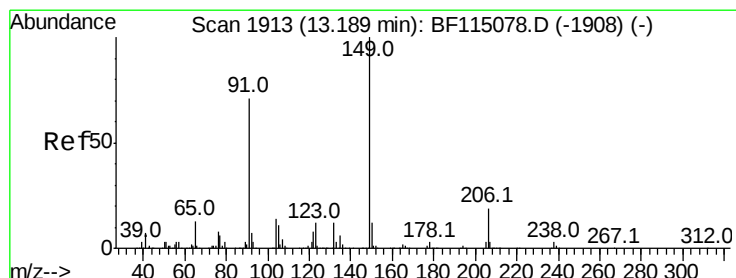
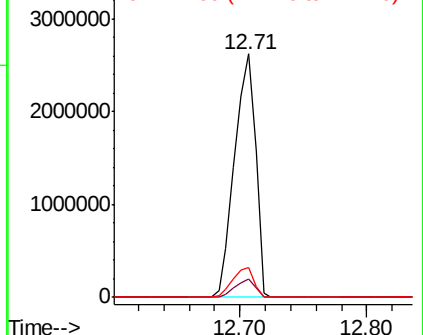
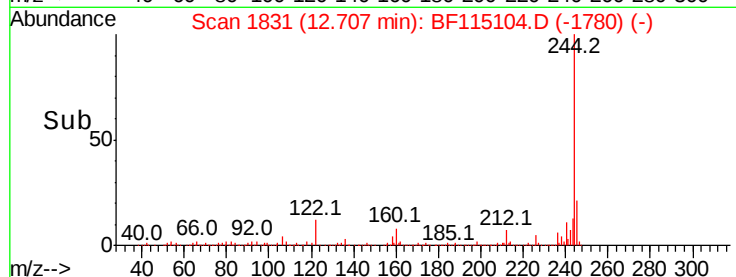


Abundance

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: 46.267 ng

RT: 13.19 min Scan# 1913

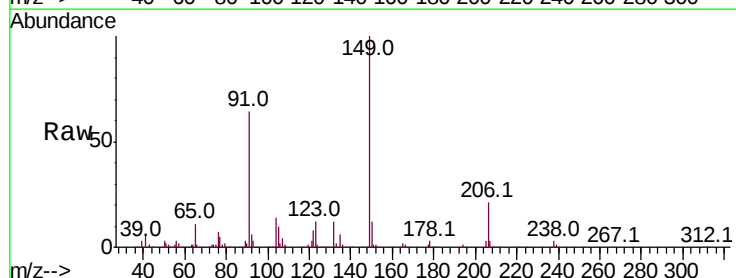
Delta R.T. -0.00 min

Lab File: BF115104.D

Acq: 22 Jun 2019 3:09

Tgt Ion:149 Resp: 1157406

Ion	Ratio	Lower	Upper
149	100		
91	64.3	56.5	84.7
206	21.5	15.3	22.9

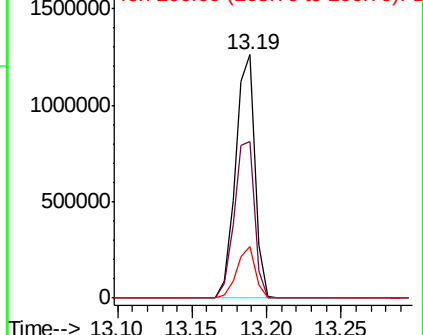
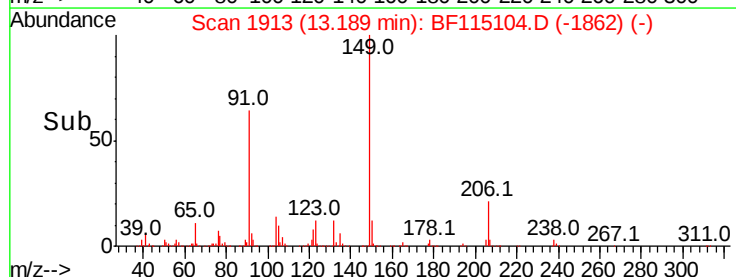


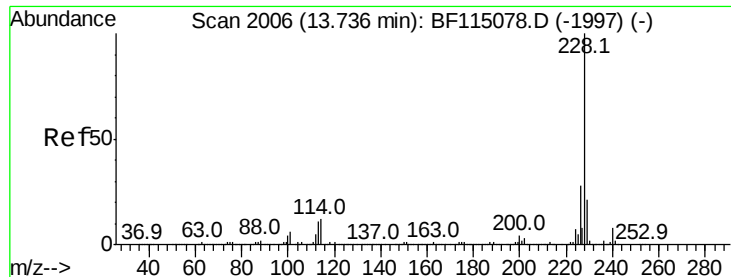
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.357 ng

RT: 13.73 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BF115104.D

Acq: 22 Jun 2019 3:09

Instrument :

BNA_F

ClientSampleId :

PB120595BS

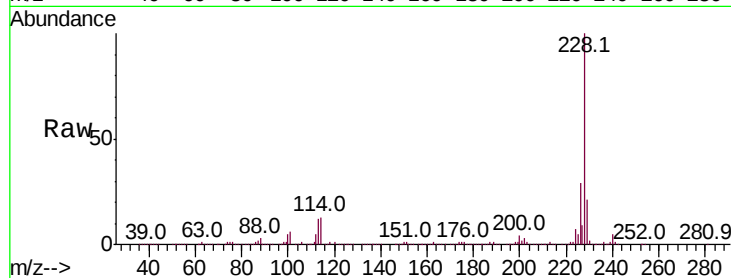
Tot Ion:228 Resp: 2241772

Ion Ratio Lower Upper

228 100

226 29.2 22.5 33.7

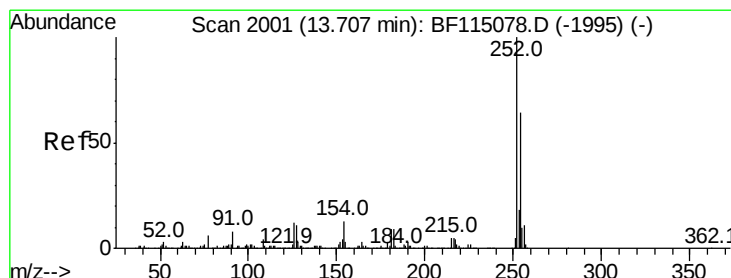
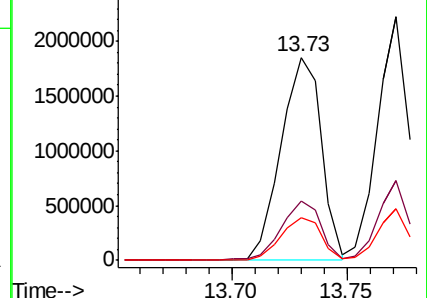
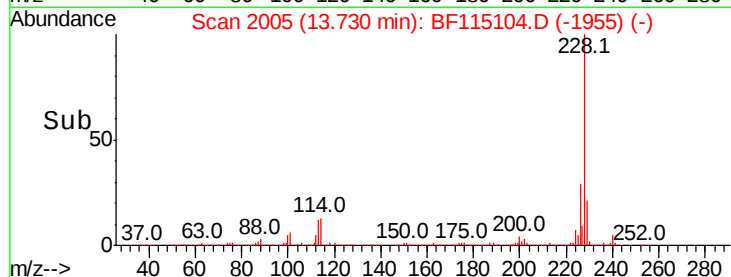
229 21.1 16.6 24.8



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: 32.039 ng

RT: 13.70 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF115104.D

Acq: 22 Jun 2019 3:09

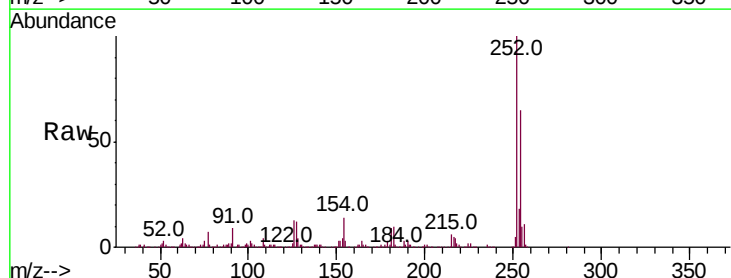
Tgt Ion:252 Resp: 612343

Ion Ratio Lower Upper

252 100

254 65.0 51.1 76.7

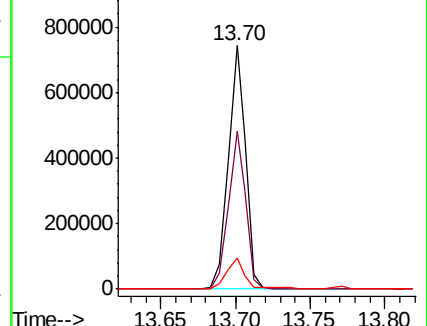
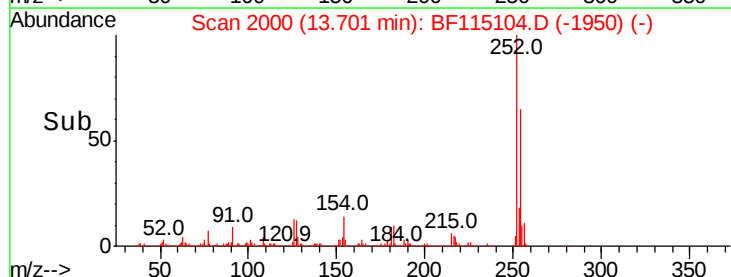
126 12.8 9.4 14.0

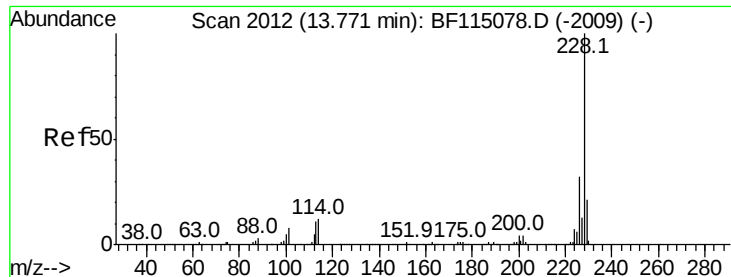


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 42.310 ng

RT: 13.77 min Scan# 2012

Delta R.T. -0.00 min

Lab File: BF115104.D

Acq: 22 Jun 2019 3:09

Instrument :

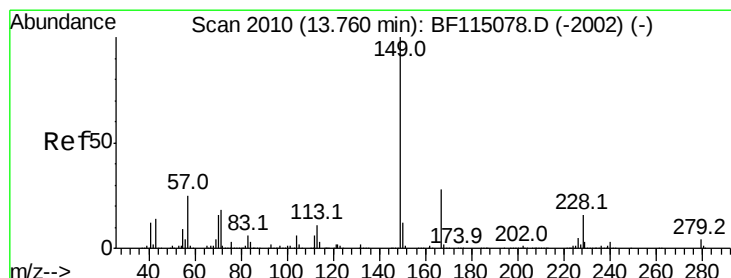
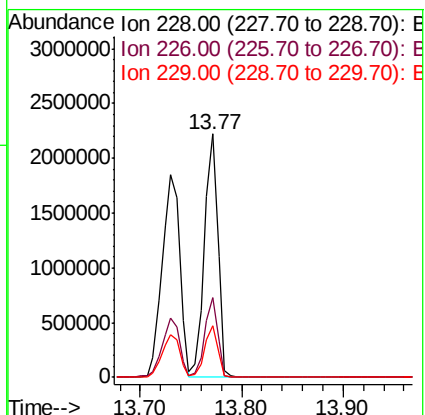
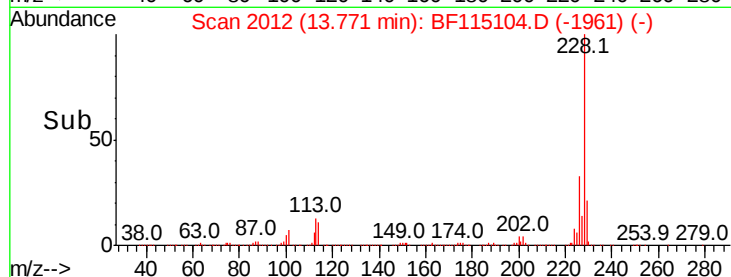
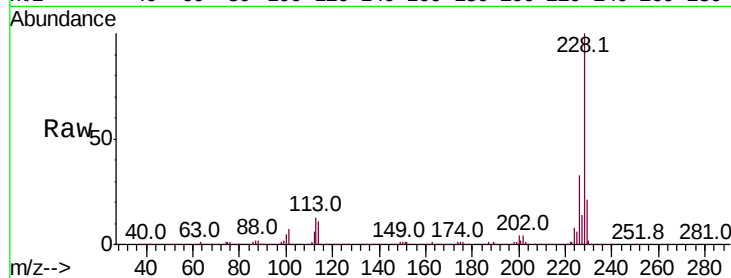
BNA_F

ClientSampleId :

PB120595BS

Tot Ion:228 Resp: 2051236

Ion	Ratio	Lower	Upper
228	100		
226	32.9	25.4	38.0
229	21.2	16.5	24.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.722 ng

RT: 13.75 min Scan# 2009

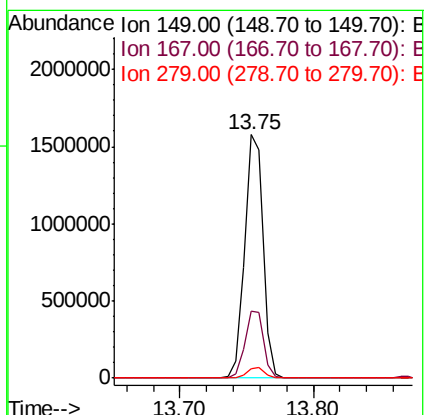
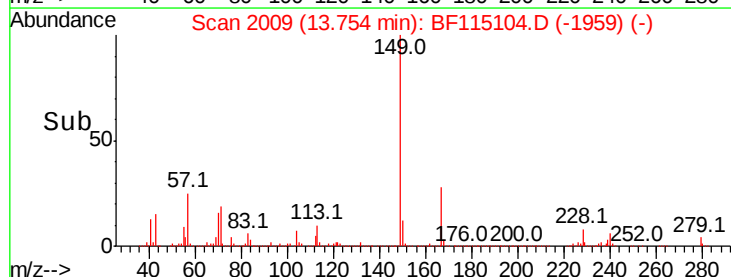
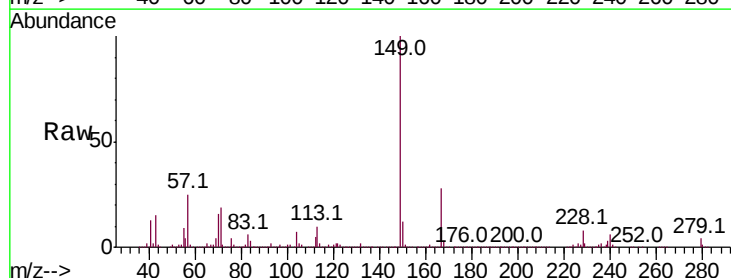
Delta R.T. -0.01 min

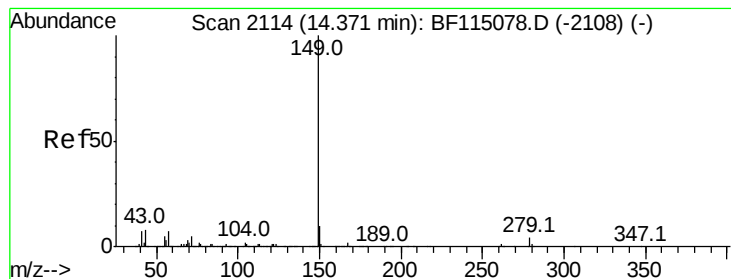
Lab File: BF115104.D

Acq: 22 Jun 2019 3:09

Tgt Ion:149 Resp: 1498697

Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.2	33.4
279	3.7	2.9	4.3





#85

Di-n-octyl phthalate

Concen: 46.863 ng

RT: 14.37 min Scan# 2113

Delta R.T. -0.01 min

Lab File: BF115104.D

Acq: 22 Jun 2019 3:09

Instrument :

BNA_F

ClientSampleId :

PB120595BS

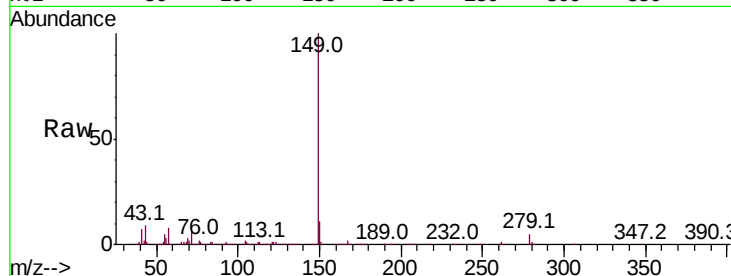
Tot Ion:149 Resp: 2580879

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

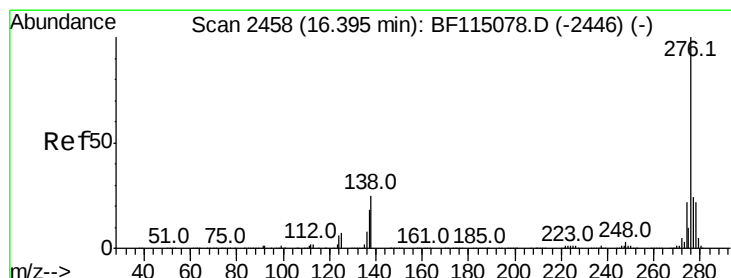
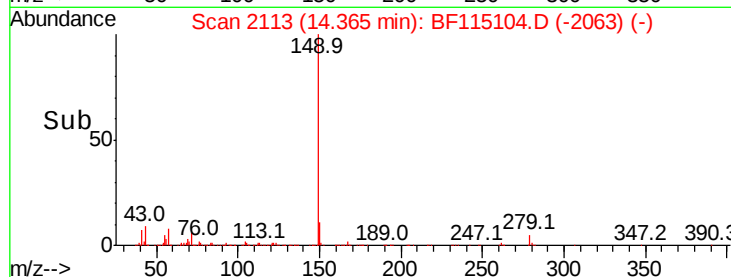
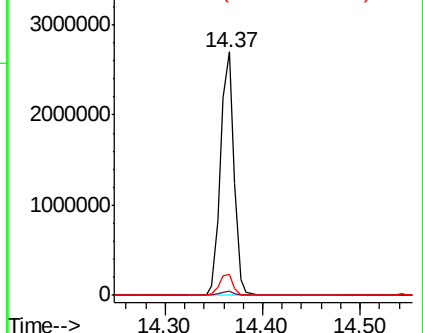
43 8.8 7.0 10.6



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: 44.668 ng

RT: 16.39 min Scan# 2457

Delta R.T. -0.01 min

Lab File: BF115104.D

Acq: 22 Jun 2019 3:09

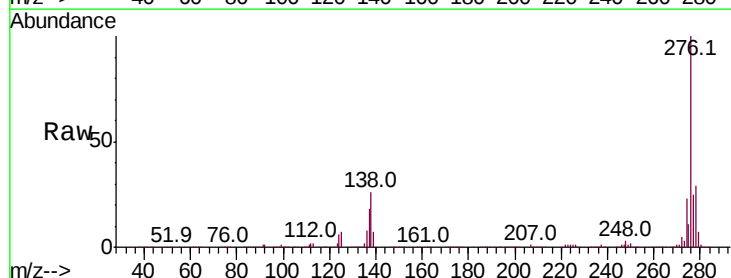
Tgt Ion:276 Resp: 2562453

Ion Ratio Lower Upper

276 100

138 29.1 23.2 34.8

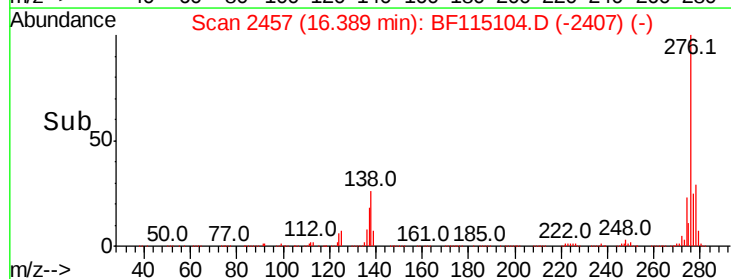
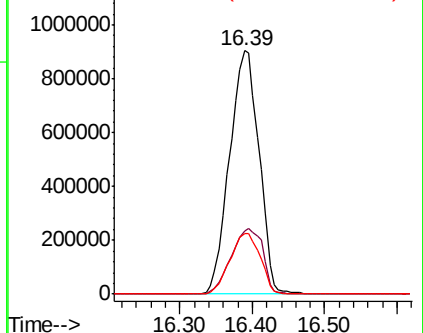
277 25.7 20.1 30.1

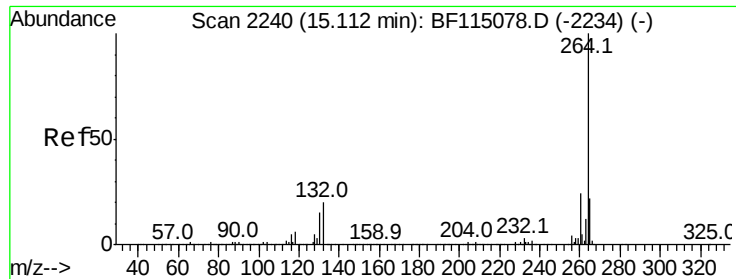


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

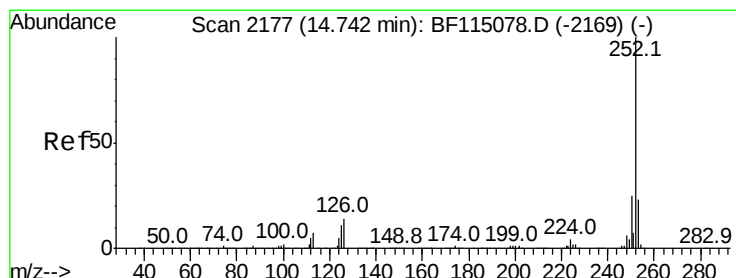
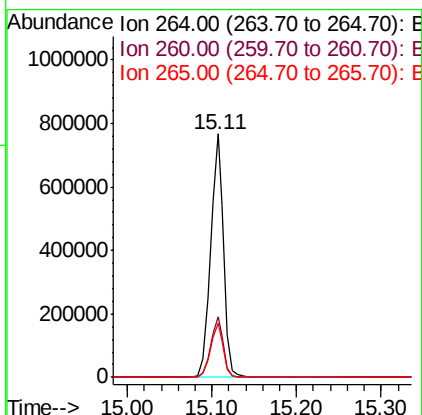
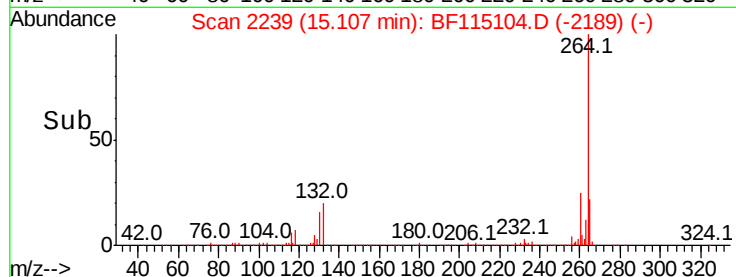
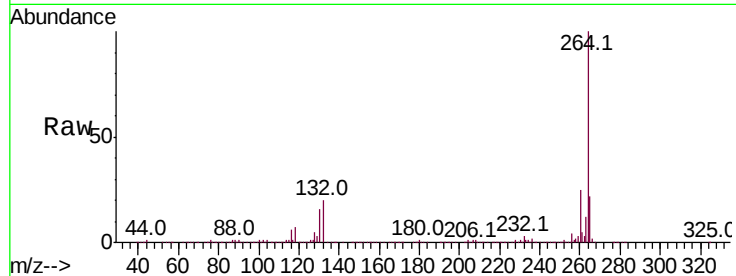




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.11 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

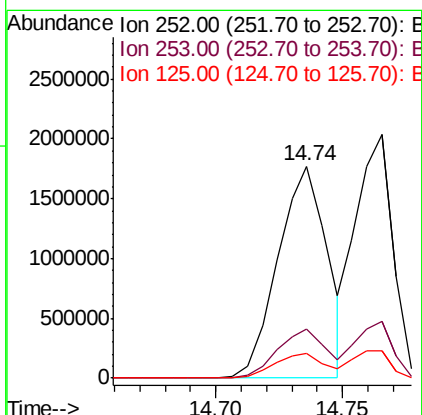
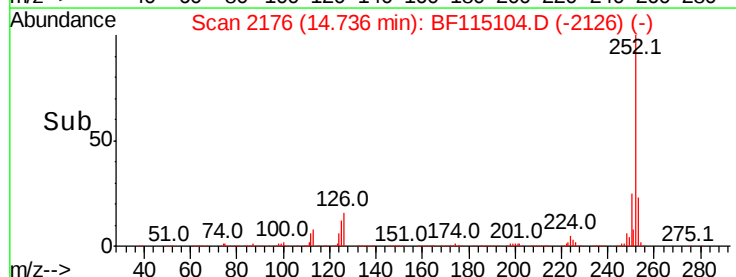
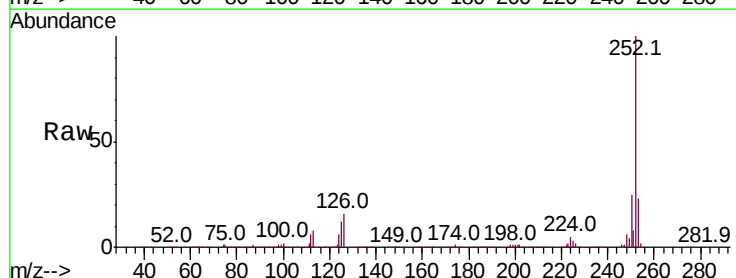
Instrument :
BNA_F
ClientSampleId :
PB120595BS

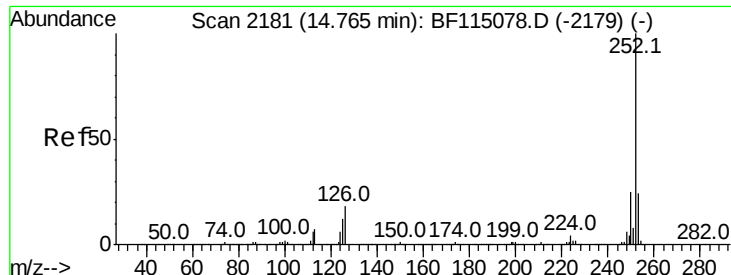
Tot Ion:264 Resp: 831742
Ion Ratio Lower Upper
264 100
260 24.8 19.6 29.4
265 22.0 17.3 25.9



#88
Benzo(b)fluoranthene
Concen: 46.126 ng
RT: 14.74 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Tgt Ion:252 Resp: 2393883
Ion Ratio Lower Upper
252 100
253 23.0 18.1 27.1
125 11.9 8.7 13.1

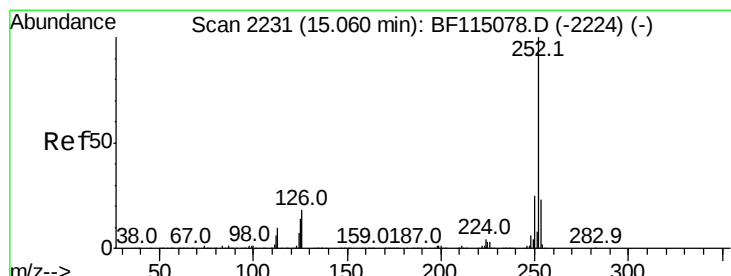
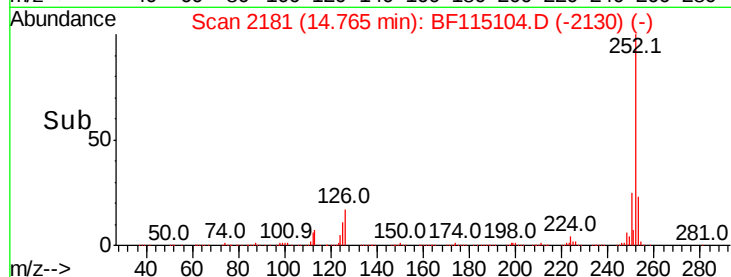
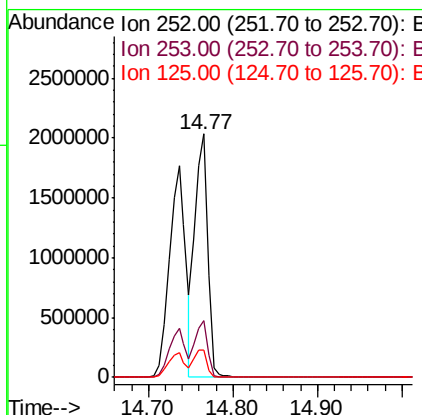
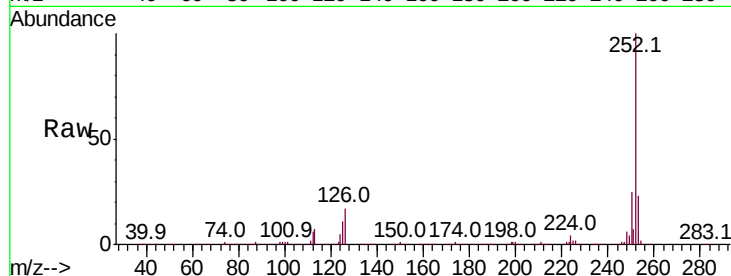




#89
Benzo(k)fluoranthene
Concen: 45.307 ng
RT: 14.77 min Scan# 2181
Delta R.T. -0.00 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

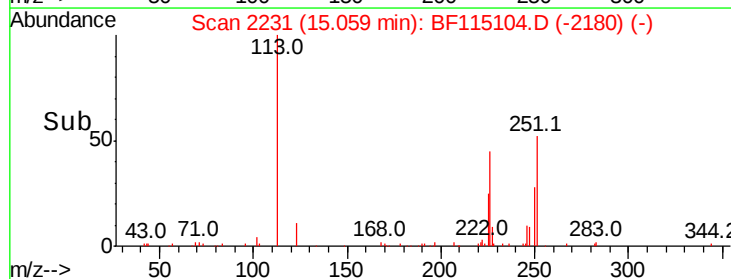
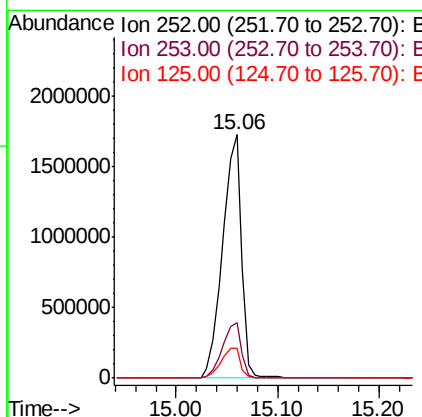
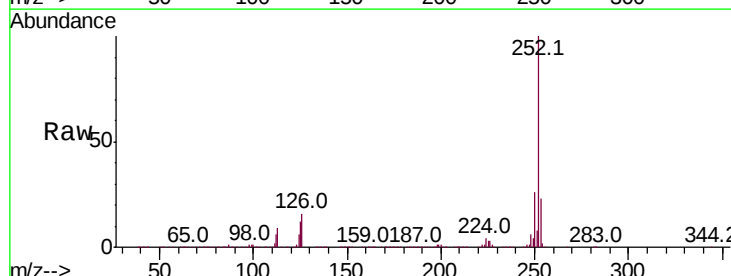
Instrument :
BNA_F
ClientSampleId :
PB120595BS

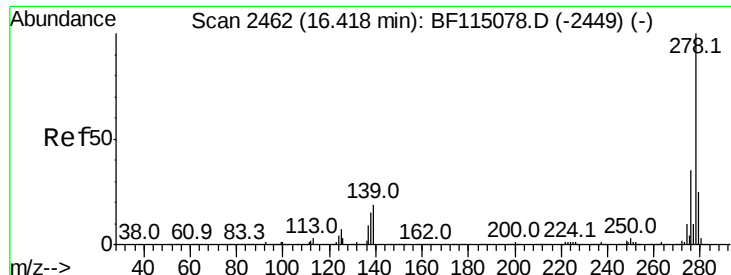
Tot Ion:252 Resp: 2108668
Ion Ratio Lower Upper
252 100
253 23.3 18.9 28.3
125 11.5 10.2 15.2



#90
Benzo(a)pyrene
Concen: 47.870 ng
RT: 15.06 min Scan# 2231
Delta R.T. -0.00 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Tgt Ion:252 Resp: 2239190
Ion Ratio Lower Upper
252 100
253 22.6 18.3 27.5
125 12.1 10.9 16.3





#91

Dibenzo(a,h)anthracene

Concen: 48.510 ng

RT: 16.41 min Scan# 2461

Delta R.T. -0.01 min

Lab File: BF115104.D

Acq: 22 Jun 2019 3:09

Instrument :

BNA_F

ClientSampleId :

PB120595BS

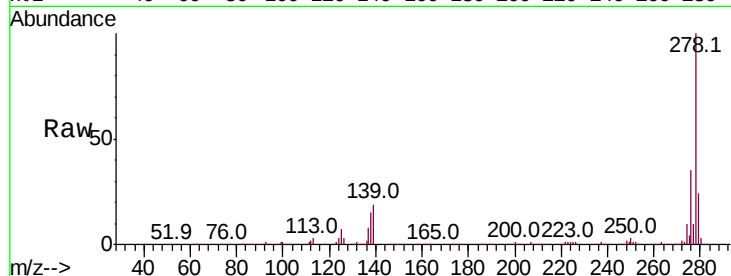
Tot Ion:278 Resp: 2118392

Ion Ratio Lower Upper

278 100

139 18.6 15.4 23.2

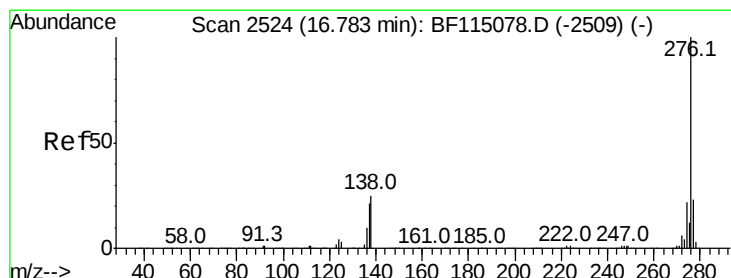
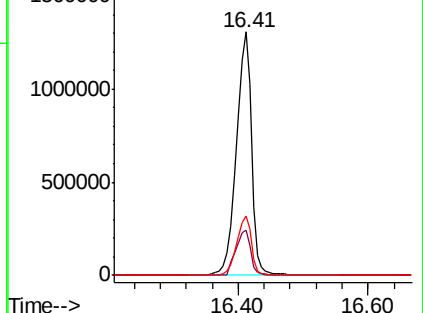
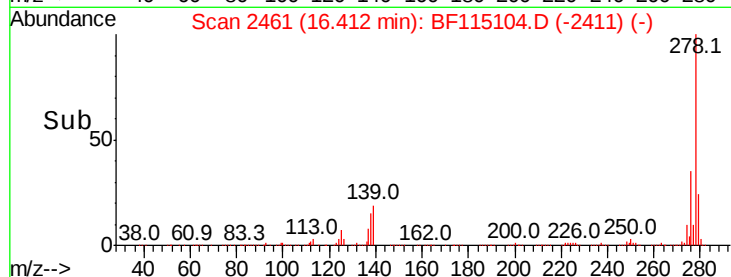
279 24.4 19.9 29.9



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 48.791 ng

RT: 16.78 min Scan# 2523

Delta R.T. -0.01 min

Lab File: BF115104.D

Acq: 22 Jun 2019 3:09

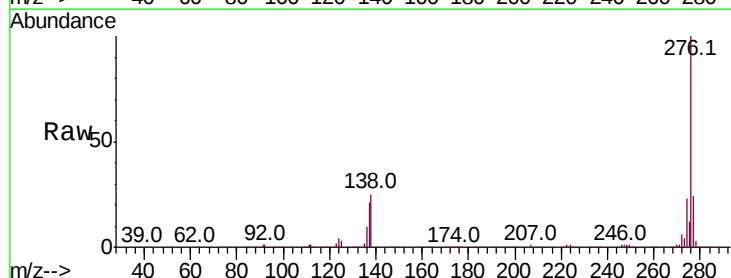
Tgt Ion:276 Resp: 2156475

Ion Ratio Lower Upper

276 100

277 24.2 18.6 28.0

138 25.4 19.8 29.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

