

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062119\
 Data File : BF115091.D
 Acq On : 21 Jun 2019 21:25
 Operator : HP/JU
 Sample : PB120707BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120707BS

Quant Time: Jun 22 04:55:33 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	270385	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	1059602	20.00	ng	0.00
39) Acenaphthene-d10	9.65	164	541821	20.00	ng	0.00
64) Phenanthrene-d10	11.12	188	1063063	20.00	ng	0.00
76) Chrysene-d12	13.75	240	760419	20.00	ng	0.00
87) Perylene-d12	15.11	264	795556	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.22	112	2095439	119.59	ng	0.02
7) Phenol-d6	6.26	99	2587720	121.68	ng	0.00
23) Nitrobenzene-d5	7.18	82	1596827	92.70	ng	0.00
42) 2,4,6-Tribromophenol	10.44	330	730768	127.90	ng	0.00
45) 2-Fluorobiphenyl	8.98	172	2921947	91.60	ng	0.00
79) Terphenyl-d14	12.71	244	3145563	87.95	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.30	88	281798	34.078	ng	99
3) Pyridine	2.95	79	811047	34.799	ng	98
4) n-Nitrosodimethylamine	2.89	42	354004	38.745	ng	99
6) Aniline	6.28	93	674932	23.092	ng	# 7
8) 2-Chlorophenol	6.40	128	807766	40.999	ng	98
9) Benzaldehyde	6.15	77	213974	15.422	ng	99
10) Phenol	6.27	94	937961	37.652	ng	95
11) bis(2-Chloroethyl)ether	6.36	93	736342	40.099	ng	98
12) 1,3-Dichlorobenzene	6.55	146	851709	38.952	ng	98
13) 1,4-Dichlorobenzene	6.63	146	862060	39.317	ng	99
14) 1,2-Dichlorobenzene	6.79	146	797527	39.277	ng	98
15) Benzyl Alcohol	6.77	79	626356	40.447	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.90	45	1068934	40.135	ng	100
17) 2-Methylphenol	6.88	107	689823	42.418	ng	99
18) Hexachloroethane	7.13	117	313115	39.611	ng	98
19) n-Nitroso-di-n-propylamine	7.04	70	536679	39.418	ng	96
20) 3+4-Methylphenols	7.04	107	781566	41.622	ng	# 88
22) Acetophenone	7.03	105	1076729	44.387	ng	# 98
24) Nitrobenzene	7.20	77	821487	43.290	ng	95
25) Isophorone	7.45	82	1566182	44.385	ng	99
26) 2-Nitrophenol	7.51	139	443369	47.311	ng	97
27) 2,4-Dimethylphenol	7.56	122	767229	50.003	ng	98
28) bis(2-Chloroethoxy)methane	7.66	93	965669	43.299	ng	99
29) 2,4-Dichlorophenol	7.76	162	716865	45.272	ng	99
30) 1,2,4-Trichlorobenzene	7.84	180	765002	43.738	ng	99
31) Naphthalene	7.92	128	2284625	43.924	ng	100
32) Benzoic acid	7.71	122	595244	54.348	ng	96
33) 4-Chloroaniline	7.97	127	404555	17.019	ng	99
34) Hexachlorobutadiene	8.05	225	405731	42.330	ng	98
35) Caprolactam	8.35	113	128112	24.064	ng	96
36) 4-Chloro-3-methylphenol	8.46	107	724233	45.163	ng	99
37) 2-Methylnaphthalene	8.61	142	1592637	45.413	ng	99
38) 1-Methylnaphthalene	8.71	142	1521763	45.433	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.78	216	646135	42.201	ng	99

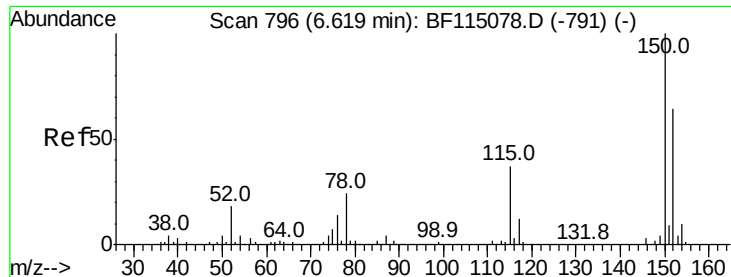
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062119\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	716675	78.939	ng	99
43) 2,4,6-Trichlorophenol	8.89	196	537900	45.505	ng	98
44) 2,4,5-Trichlorophenol	8.92	196	529989	43.538	ng	98
46) 1,1'-Biphenyl	9.08	154	1817538	41.924	ng	99
47) 2-Chloronaphthalene	9.10	162	1487131	42.289	ng	98
48) 2-Nitroaniline	9.19	65	441137	43.028	ng	98
49) Acenaphthylene	9.51	152	2294446	41.877	ng	99
50) Dimethylphthalate	9.39	163	1689970	42.395	ng	100
51) 2,6-Dinitrotoluene	9.44	165	413490	44.929	ng	99
52) Acenaphthene	9.68	154	1606799	46.866	ng	99
53) 3-Nitroaniline	9.60	138	296316	26.384	ng	94
54) 2,4-Dinitrophenol	9.71	184	434832	90.736	ng	97
55) Dibenzofuran	9.85	168	2032783	41.310	ng	98
56) 4-Nitrophenol	9.77	139	773874	85.950	ng	95
57) 2,4-Dinitrotoluene	9.84	165	557195	46.890	ng	# 89
58) Fluorene	10.20	166	1376404	41.499	ng	97
59) 2,3,4,6-Tetrachlorophenol	9.97	232	474852	46.521	ng	99
60) Diethylphthalate	10.09	149	1741486	43.461	ng	99
61) 4-Chlorophenyl-phenylether	10.19	204	669894	42.675	ng	96
62) 4-Nitroaniline	10.22	138	461368	40.950	ng	97
63) Azobenzene	10.35	77	1604850	42.879	ng	99
65) 4,6-Dinitro-2-methylphenol	10.24	198	261107	46.351	ng	85
66) n-Nitrosodiphenylamine	10.31	169	1445358	43.641	ng	99
67) 4-Bromophenyl-phenylether	10.68	248	492915	42.766	ng	97
68) Hexachlorobenzene	10.74	284	535787	42.827	ng	98
69) Atrazine	10.84	200	473501	44.444	ng	99
70) Pentachlorophenol	10.93	266	638533	80.116	ng	97
71) Phenanthrene	11.15	178	2306433	40.296	ng	99
72) Anthracene	11.20	178	2369699	41.015	ng	99
73) Carbazole	11.35	167	2202009	42.681	ng	99
74) Di-n-butylphthalate	11.70	149	2581189	43.295	ng	98
75) Fluoranthene	12.32	202	2462045	43.112	ng	99
77) Benzidine	12.45	184	533990	15.815	ng	100
78) Pyrene	12.55	202	2463610	42.157	ng	98
80) Butylbenzylphthalate	13.19	149	1196734	46.404	ng	98
81) Benzo(a)anthracene	13.74	228	2296287	42.085	ng	99
82) 3,3'-Dichlorobenzidine	13.70	252	566550	28.754	ng	99
83) Chrysene	13.77	228	2084494	41.706	ng	99
84) Bis(2-ethylhexyl)phthalate	13.76	149	1537159	45.488	ng	# 99
85) Di-n-octyl phthalate	14.37	149	2642003	46.533	ng	99
86) Indeno(1,2,3-cd)pyrene	16.39	276	2591249	43.814	ng	100
88) Benzo(b)fluoranthene	14.74	252	2324289	46.823	ng	97
89) Benzo(k)fluoranthene	14.77	252	2259886	50.765	ng	100
90) Benzo(a)pyrene	15.06	252	2270970	50.757	ng	99
91) Dibenzo(a,h)anthracene	16.42	278	2116966	50.682	ng	100
92) Benzo(g,h,i)perylene	16.78	276	2164274	51.195	ng	99

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

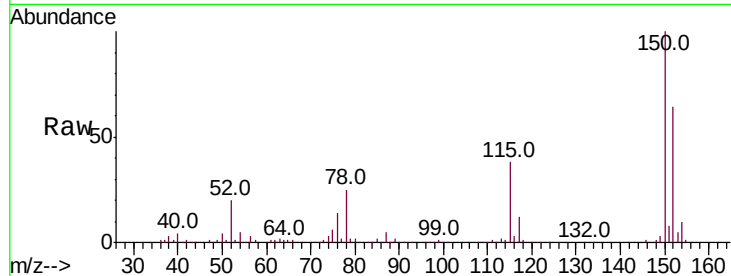


#1

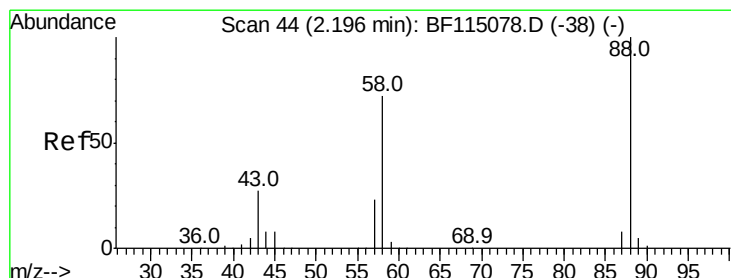
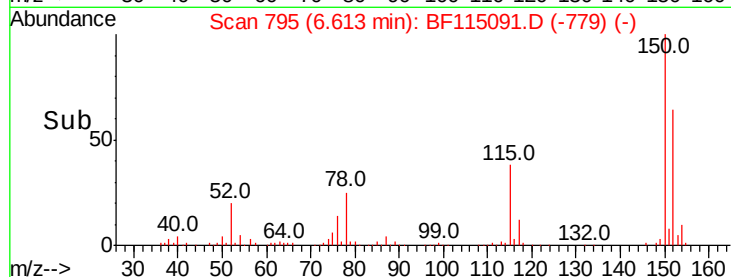
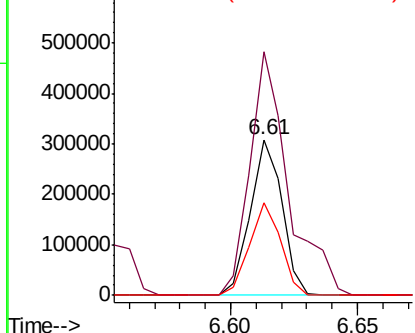
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Instrument :
BNA_F
ClientSampleId :
PB120707BS

Tot Ion:152 Resp: 270385
Ion Ratio Lower Upper
152 100
150 156.2 124.2 186.2
115 59.6 46.1 69.1



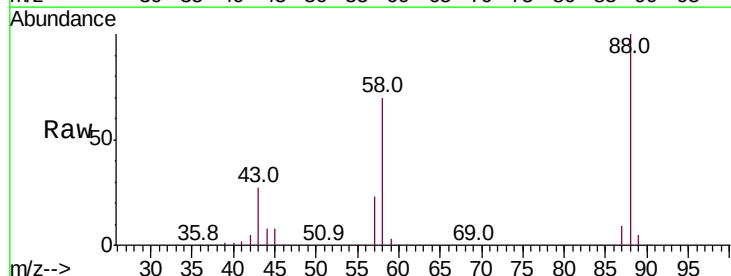
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



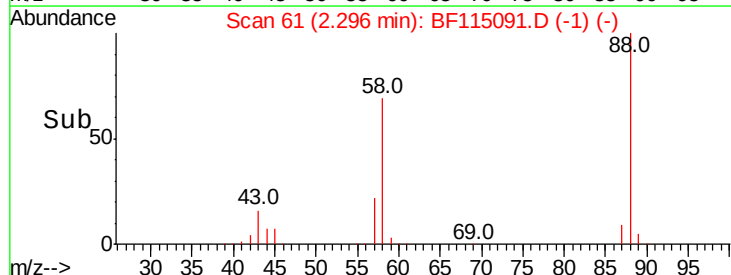
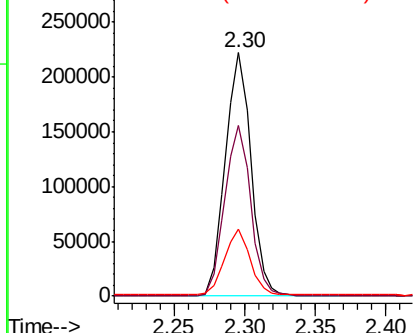
#2

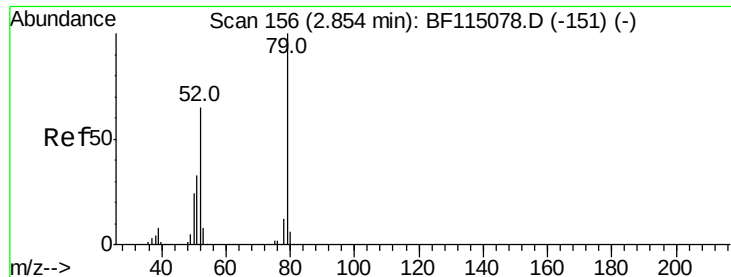
1,4-Dioxane
Concen: 34.078 ng
RT: 2.30 min Scan# 61
Delta R.T. 0.10 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Tgt Ion: 88 Resp: 281798
Ion Ratio Lower Upper
88 100
58 71.2 56.1 84.1
43 27.2 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: 34.799 ng

RT: 2.95 min Scan# 172

Delta R.T. 0.09 min

Lab File: BF115091.D

Acq: 21 Jun 2019 21:25

Instrument :

BNA_F

ClientSampleId :

PB120707BS

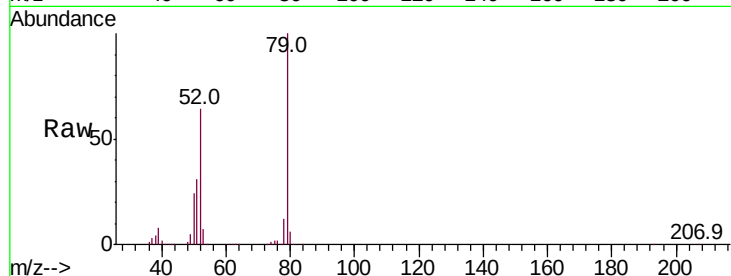
Tot Ion: 79 Resp: 811047

Ion Ratio Lower Upper

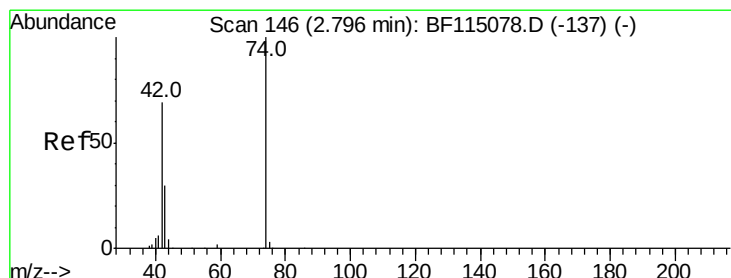
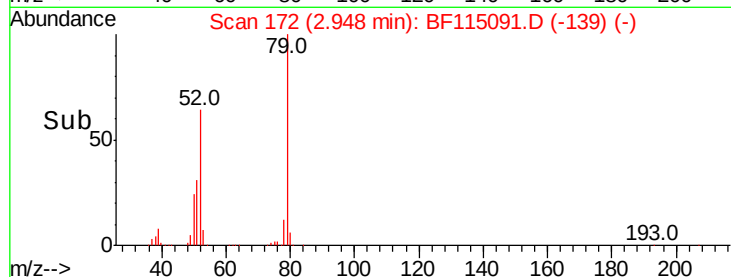
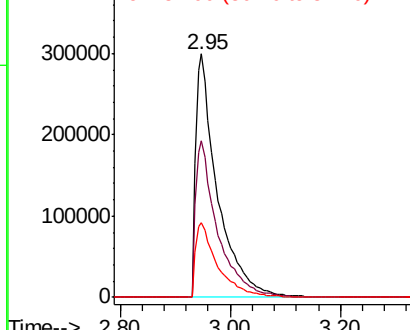
79 100

52 64.3 52.3 78.5

51 30.6 26.1 39.1



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



#4

n-Nitrosodimethylamine

Concen: 38.745 ng

RT: 2.89 min Scan# 162

Delta R.T. 0.09 min

Lab File: BF115091.D

Acq: 21 Jun 2019 21:25

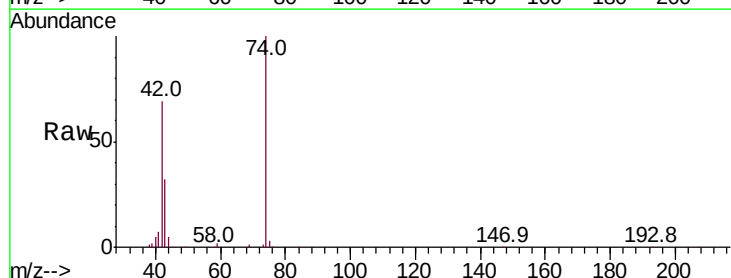
Tgt Ion: 42 Resp: 354004

Ion Ratio Lower Upper

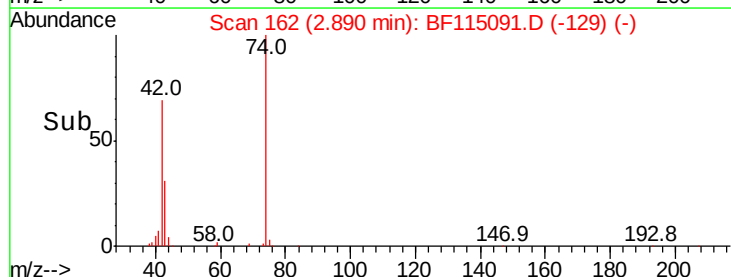
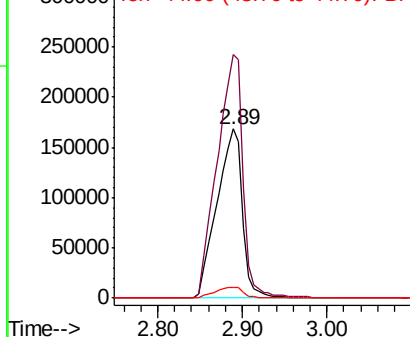
42 100

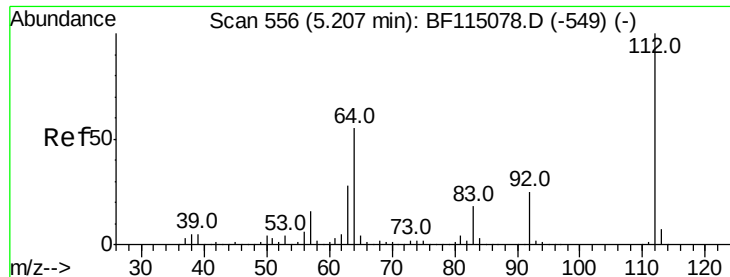
74 144.2 116.6 175.0

44 6.6 5.3 7.9



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





#5

2-Fluorophenol

Concen: 119.593 ng

RT: 5.22 min Scan# 559

Delta R.T. 0.02 min

Lab File: BF115091.D

Acq: 21 Jun 2019 21:25

Instrument :

BNA_F

ClientSampleId :

PB120707BS

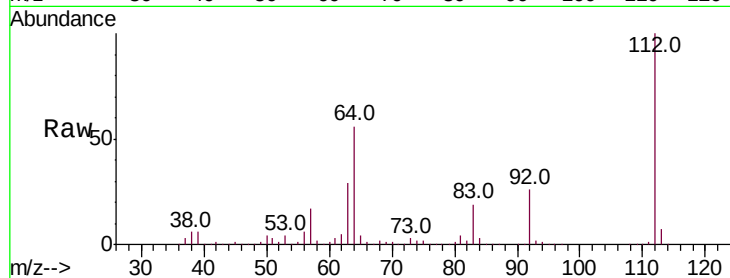
Tot Ion:112 Resp: 2095439

Ion Ratio Lower Upper

112 100

64 56.0 43.8 65.6

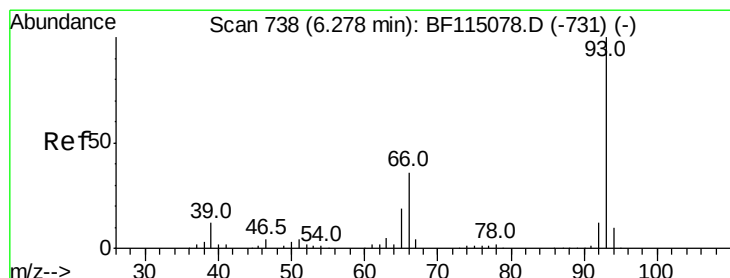
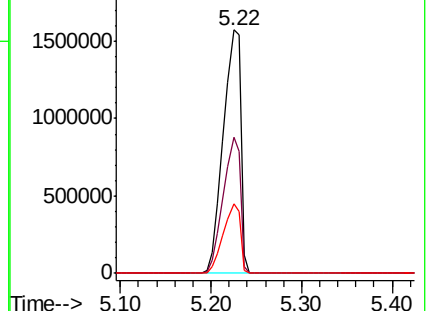
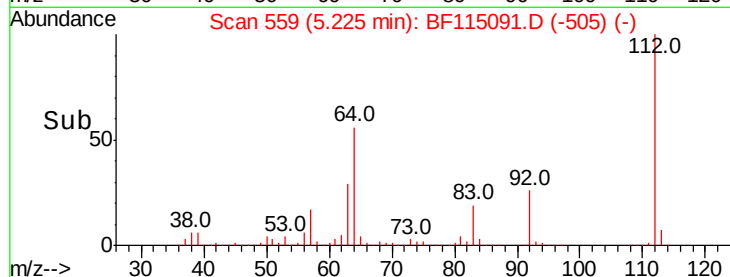
63 28.5 22.2 33.4



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: 23.092 ng

RT: 6.28 min Scan# 738

Delta R.T. -0.00 min

Lab File: BF115091.D

Acq: 21 Jun 2019 21:25

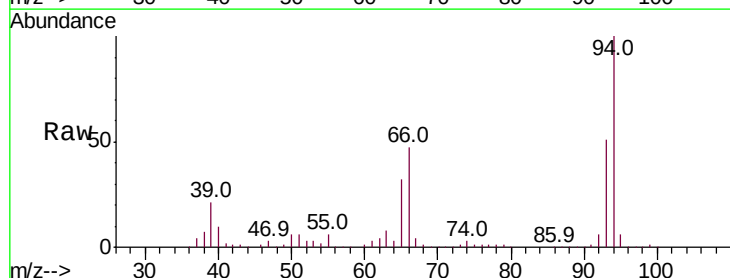
Tgt Ion: 93 Resp: 674932

Ion Ratio Lower Upper

93 100

66 92.5 30.0 45.0#

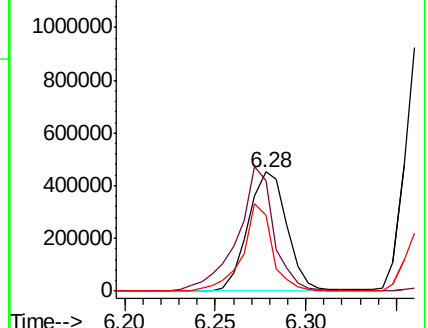
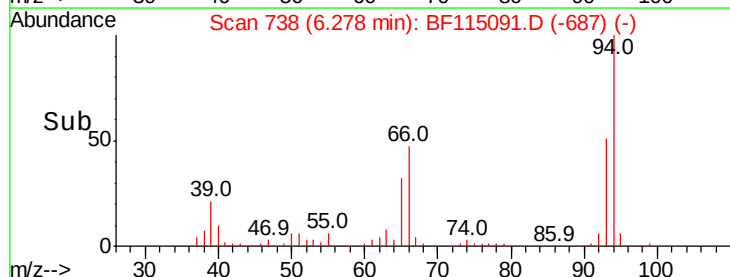
65 63.4 15.6 23.4#

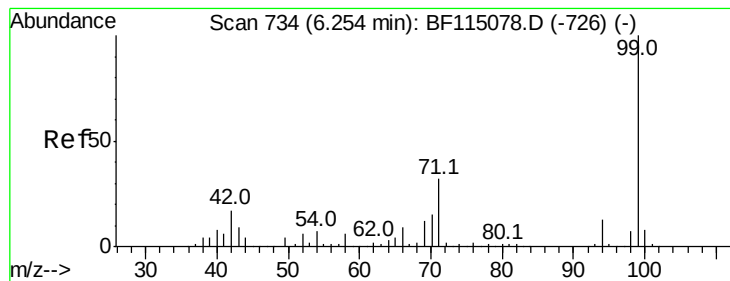


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 121.679 ng

RT: 6.26 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF115091.D

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ClientSampleId :

PB120707BS

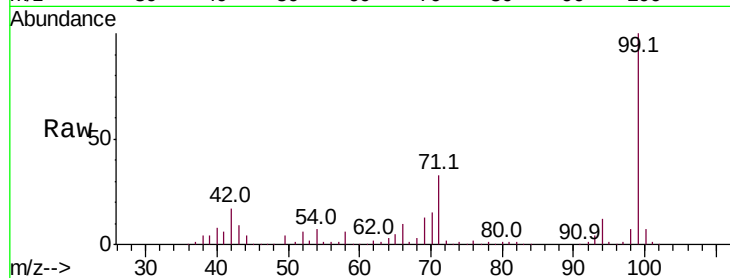
Tot Ion: 99 Resp: 2587720

Ion Ratio Lower Upper

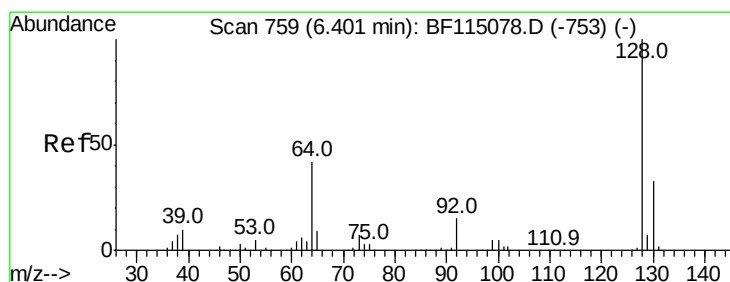
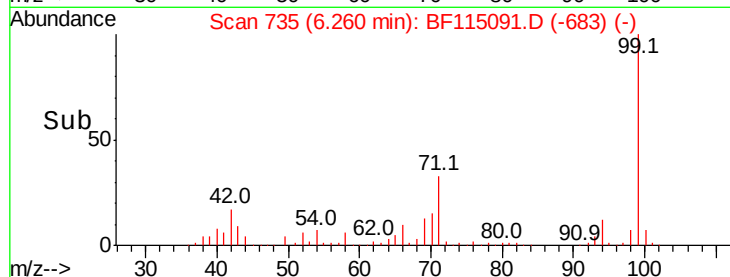
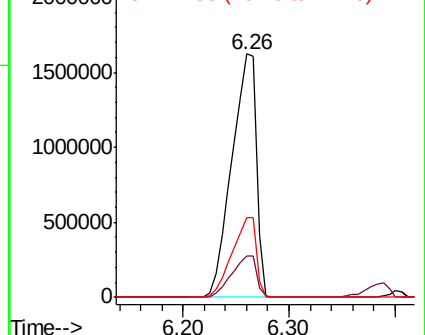
99 100

42 17.2 13.6 20.4

71 32.9 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: 40.999 ng

RT: 6.40 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF115091.D

Acq: 21 Jun 2019 21:25

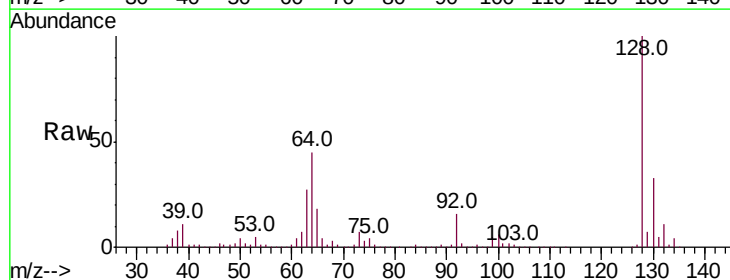
Tgt Ion: 128 Resp: 807766

Ion Ratio Lower Upper

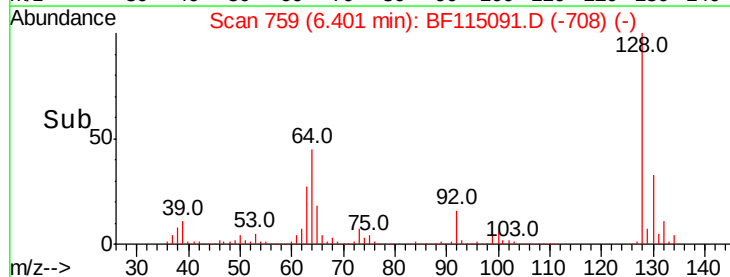
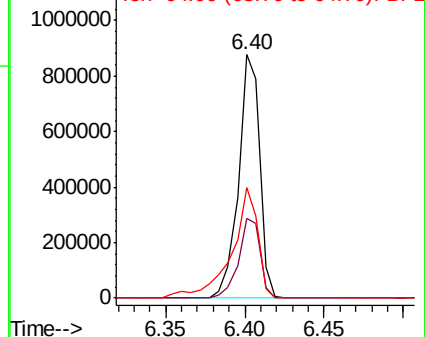
128 100

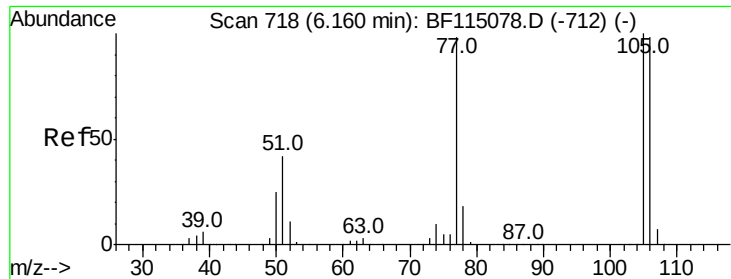
130 32.6 12.9 52.9

64 45.2 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: 15.422 ng

RT: 6.15 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF115091.D

Acq: 21 Jun 2019 21:25

Instrument :

BNA_F

ClientSampleId :

PB120707BS

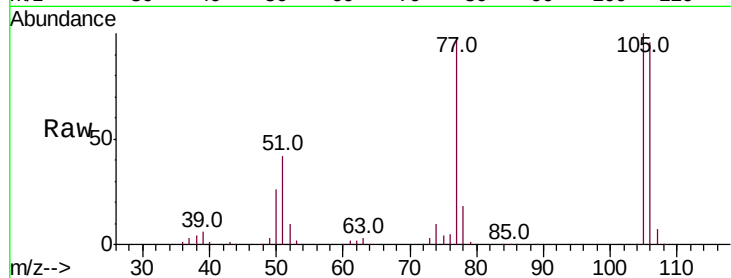
Tot Ion: 77 Resp: 213974

Ion Ratio Lower Upper

77 100

105 102.2 81.5 121.5

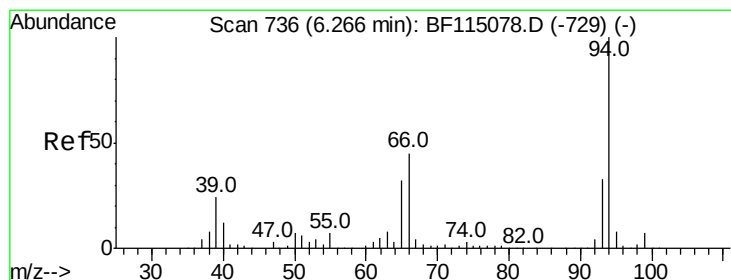
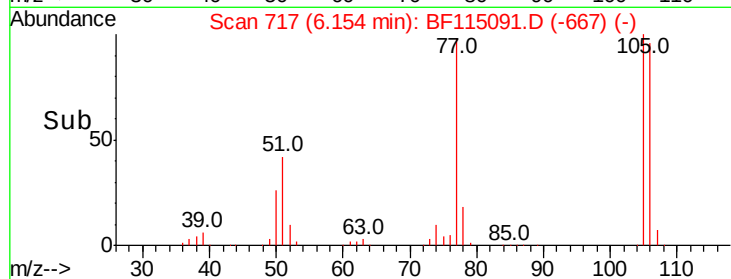
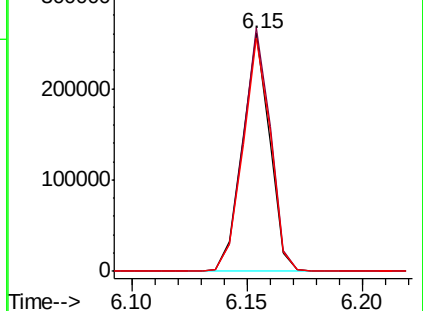
106 97.9 79.7 119.7



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: 37.652 ng

RT: 6.27 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF115091.D

Acq: 21 Jun 2019 21:25

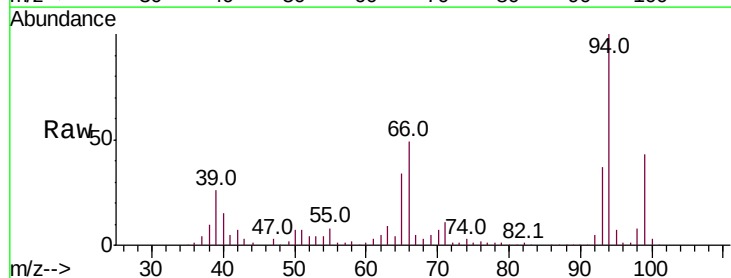
Tgt Ion: 94 Resp: 937961

Ion Ratio Lower Upper

94 100

65 34.3 11.9 51.9

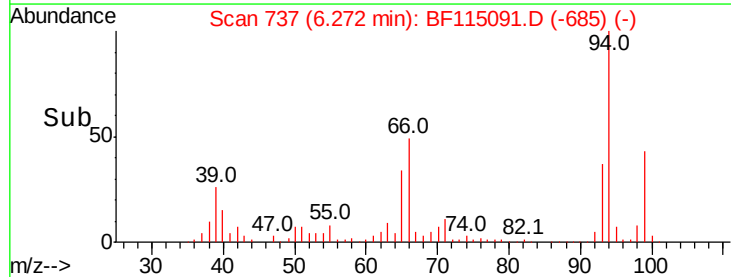
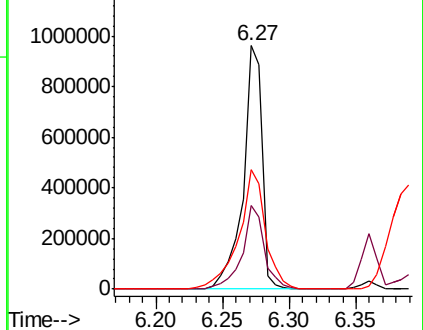
66 49.2 25.2 65.2

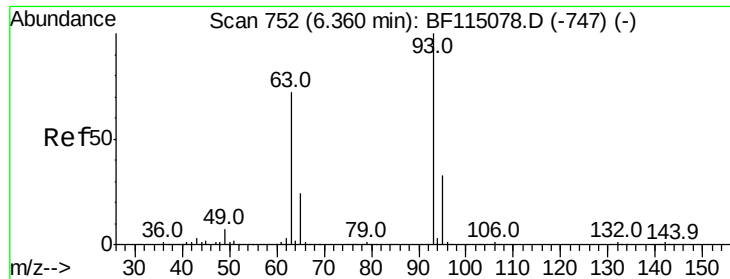


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

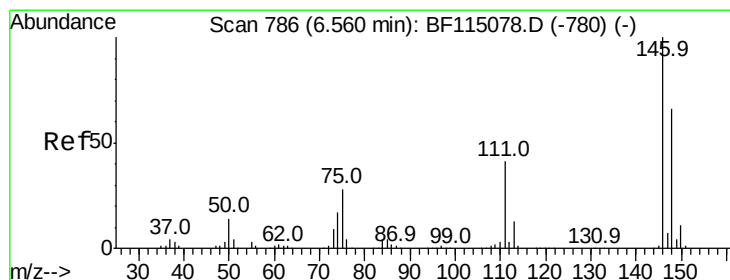
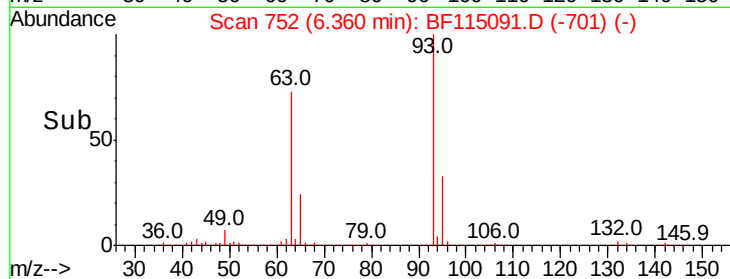
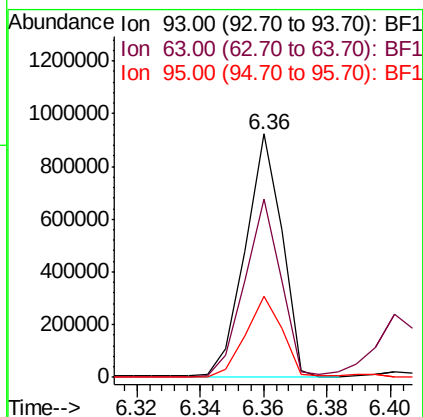
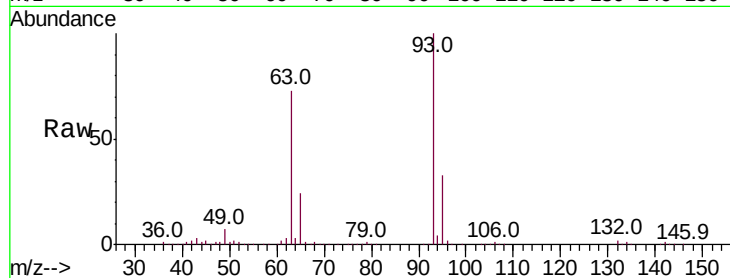




#11
bis(2-Chloroethyl)ether
Concen: 40.099 ng
RT: 6.36 min Scan# 752
Delta R.T. -0.00 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

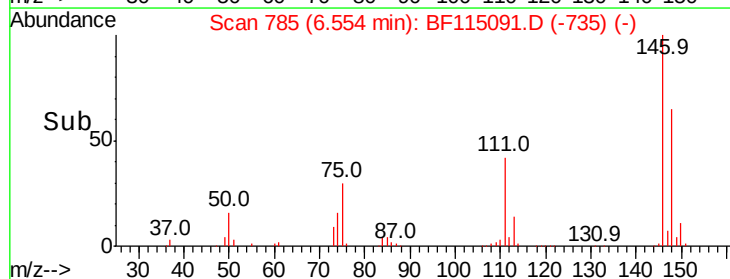
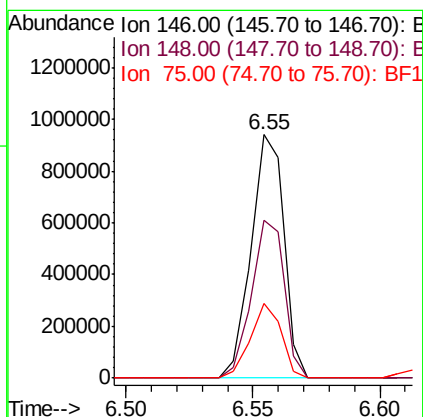
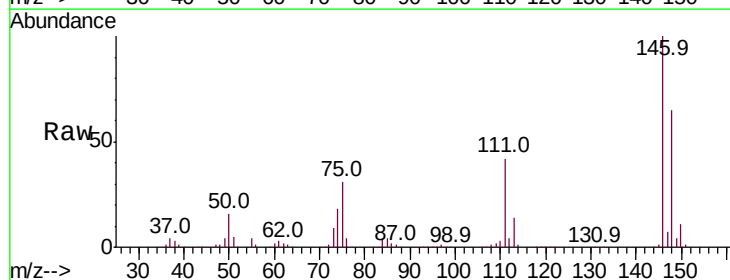
Instrument :
BNA_F
ClientSampleId :
PB120707BS

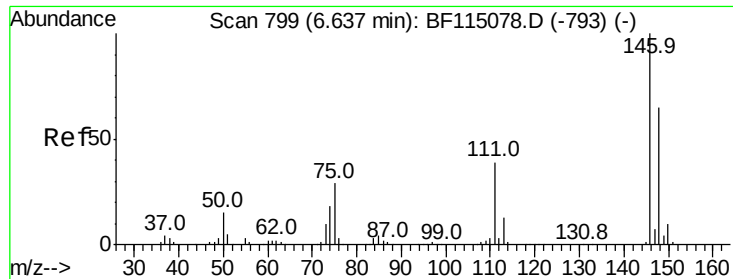
Tot Ion: 93 Resp: 736342
Ion Ratio Lower Upper
93 100
63 73.3 51.5 91.5
95 33.2 13.4 53.4



#12
1,3-Dichlorobenzene
Concen: 38.952 ng
RT: 6.55 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Tgt Ion: 146 Resp: 851709
Ion Ratio Lower Upper
146 100
148 65.0 52.6 78.8
75 30.8 22.6 34.0

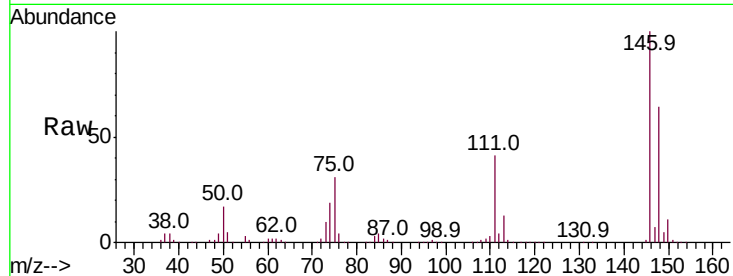




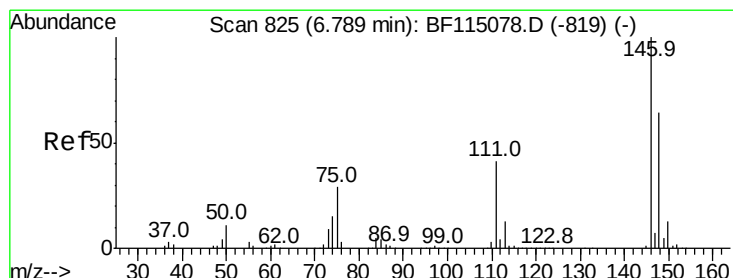
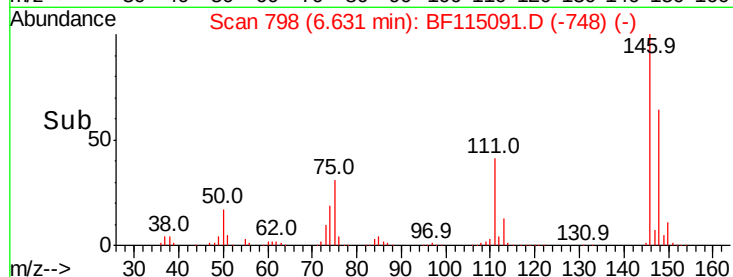
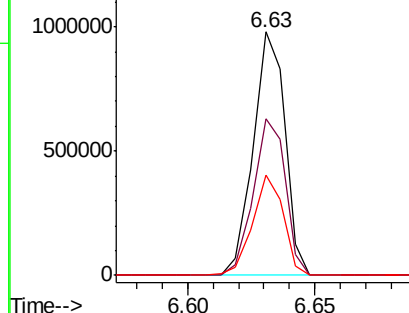
#13
 1,4-Dichlorobenzene
 Concen: 39.317 ng
 RT: 6.63 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF115091.D
 Acq: 21 Jun 2019 21:25

Instrument :
 BNA_F
 ClientSampleId :
 PB120707BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.9	77.9
111	41.0	31.4	47.0

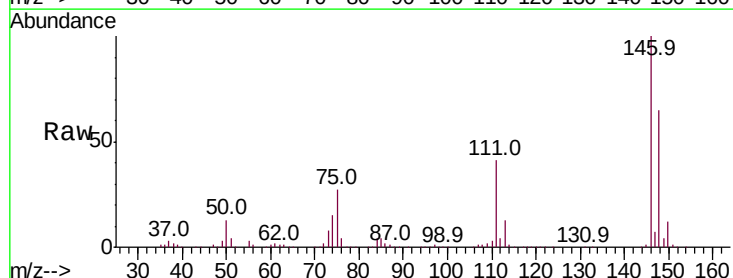


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

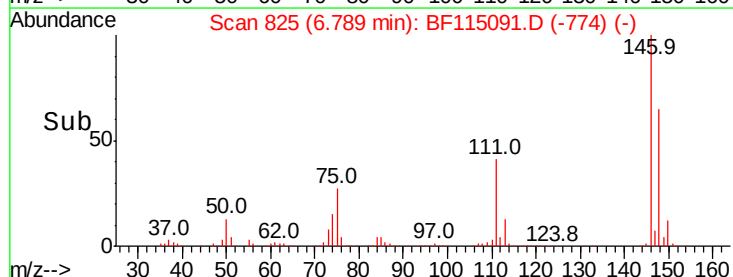
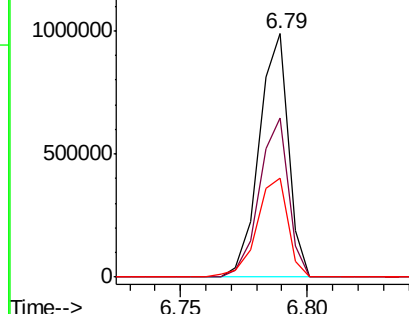


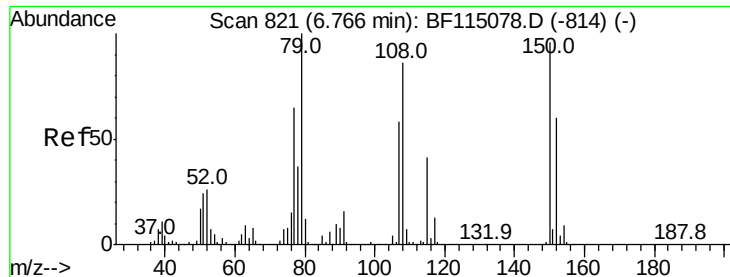
#14
 1,2-Dichlorobenzene
 Concen: 39.277 ng
 RT: 6.79 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BF115091.D
 Acq: 21 Jun 2019 21:25

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.1	76.7
111	40.6	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: 40.447 ng

RT: 6.77 min Scan# 821

Delta R.T. -0.00 min

Lab File: BF115091.D

Acq: 21 Jun 2019 21:25

Instrument :

BNA_F

ClientSampleId :

PB120707BS

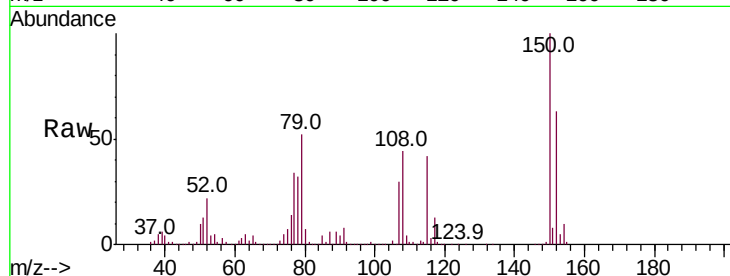
Tot Ion: 79 Resp: 626356

Ion Ratio Lower Upper

79 100

108 84.5 68.7 103.1

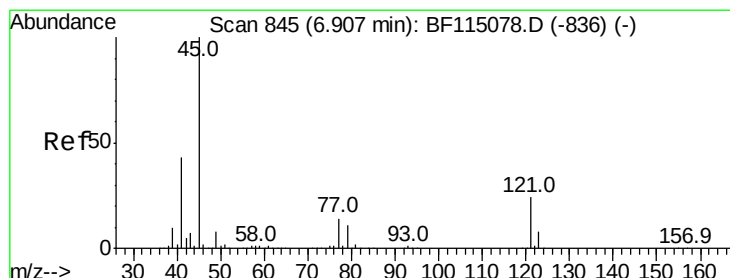
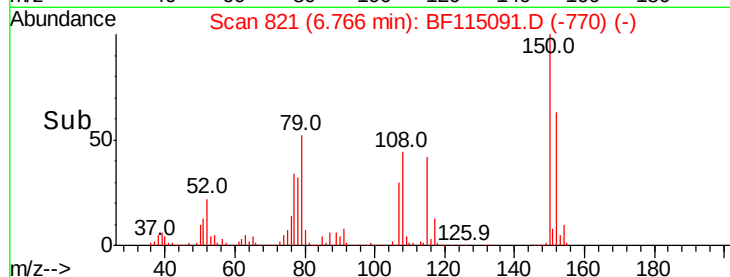
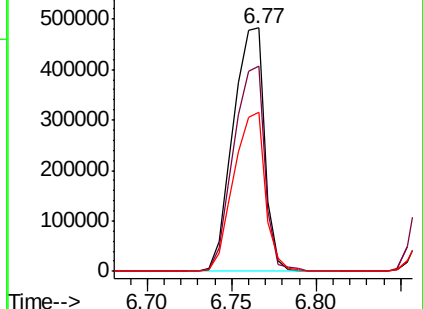
77 65.5 51.7 77.5



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: 40.135 ng

RT: 6.90 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF115091.D

Acq: 21 Jun 2019 21:25

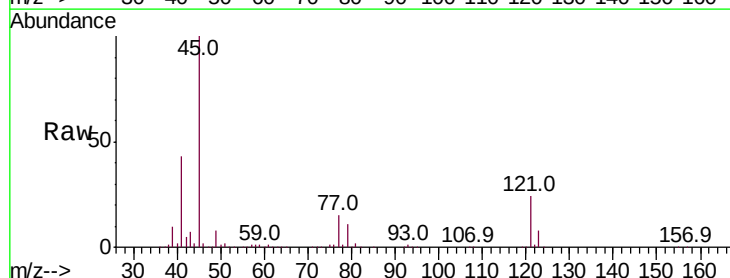
Tgt Ion: 45 Resp: 1068934

Ion Ratio Lower Upper

45 100

77 14.7 0.0 34.6

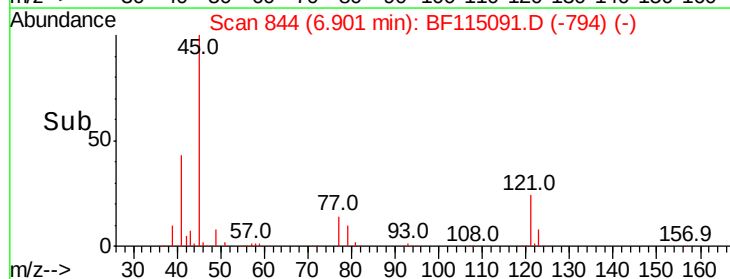
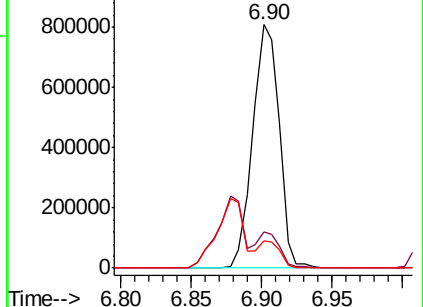
79 11.1 0.0 31.2

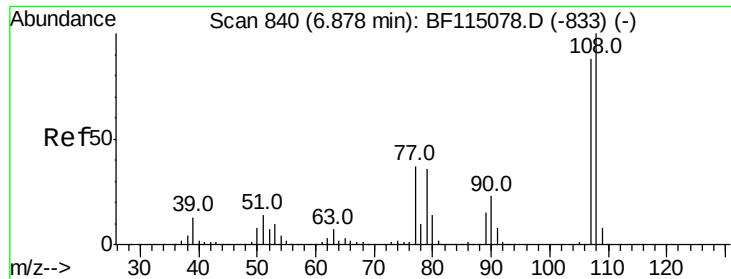


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

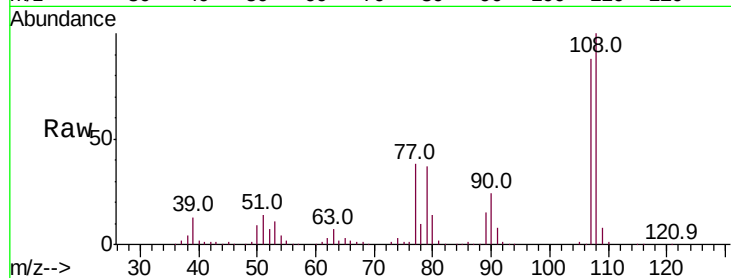




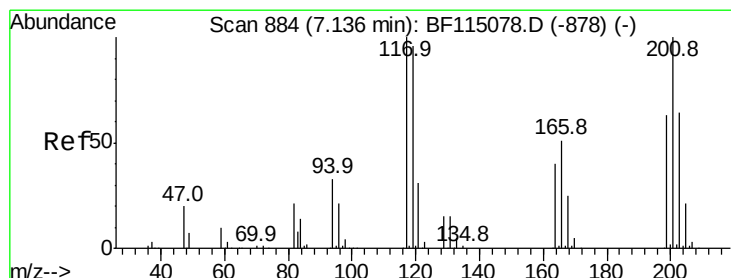
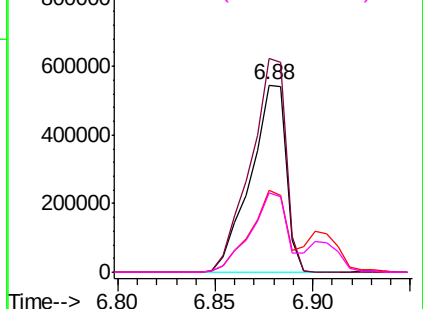
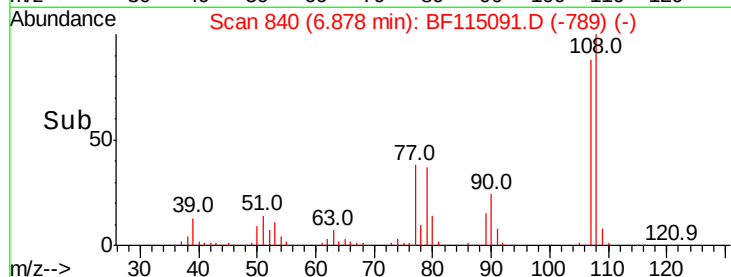
#17
2-Methylphenol
Concen: 42.418 ng
RT: 6.88 min Scan# 840
Delta R.T. -0.00 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Instrument :
BNA_F
ClientSampleId :
PB120707BS

Tot Ion:	107	Resp:	689823
Ion	Ratio	Lower	Upper
107	100		
108	114.0	90.9	136.3
77	43.6	33.4	50.2
79	42.1	32.3	48.5

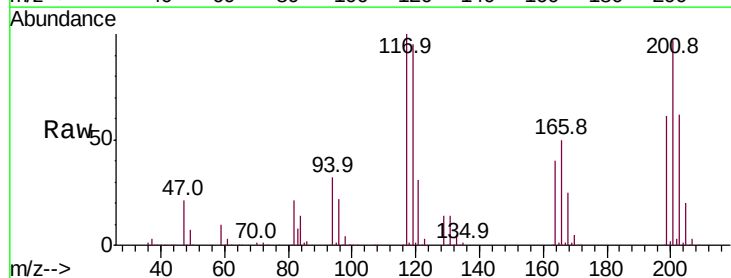


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

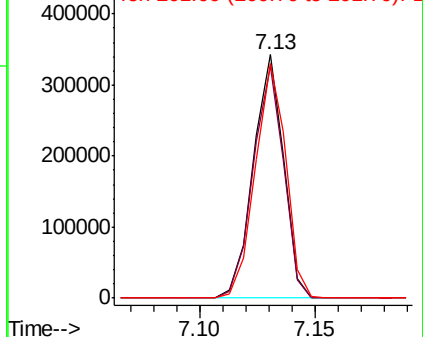
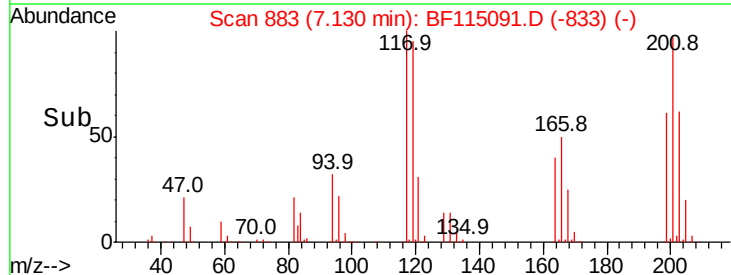


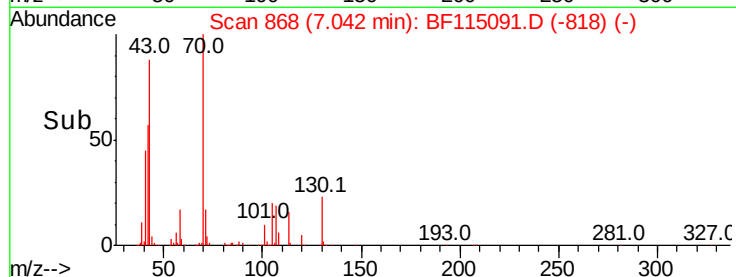
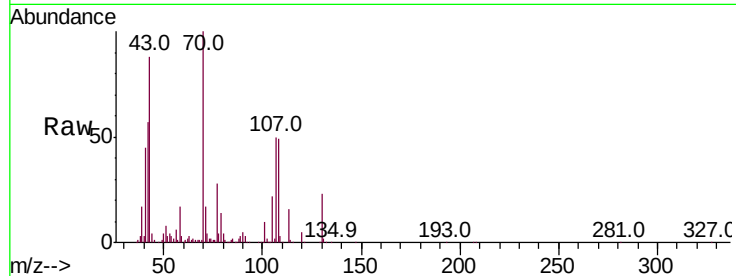
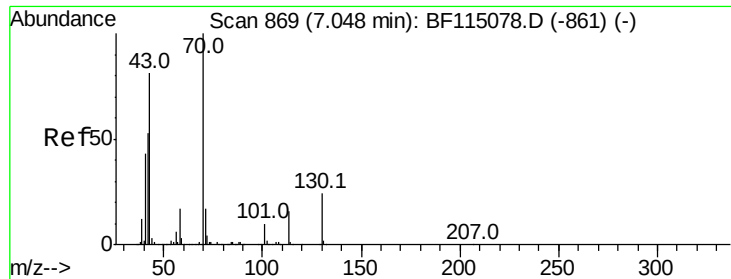
#18
Hexachloroethane
Concen: 39.611 ng
RT: 7.13 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Tgt Ion:	117	Resp:	313115
Ion	Ratio	Lower	Upper
117	100		
119	95.1	76.6	114.8
201	96.6	80.2	120.2



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

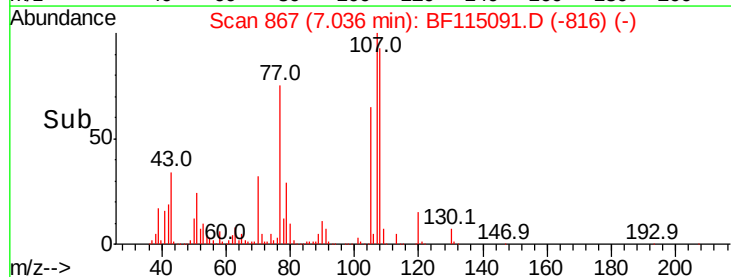
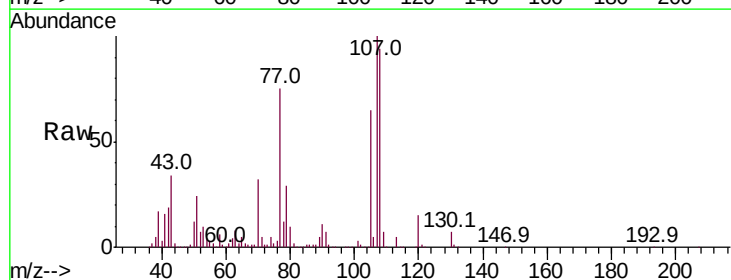
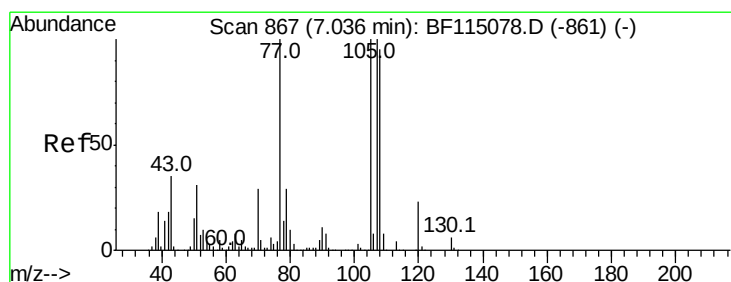
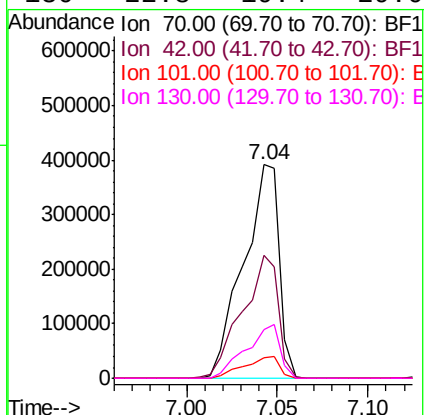




#19
n-Nitroso-di-n-propylamine
Concen: 39.418 ng
RT: 7.04 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

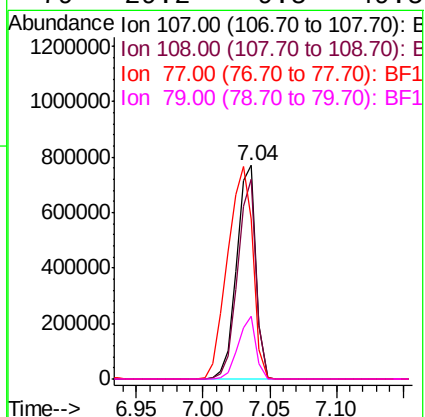
Instrument :
BNA_F
ClientSampleId :
PB120707BS

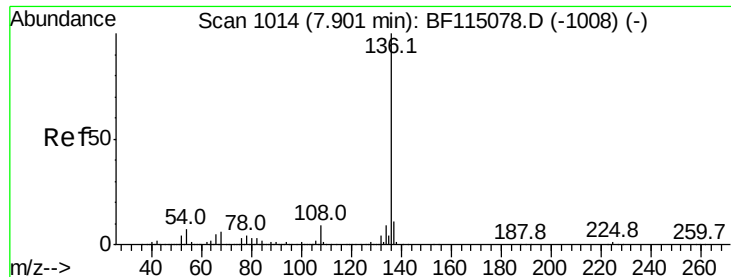
Tot Ion:	70	Resp:	536679
Ion	Ratio	Lower	Upper
70	100		
42	57.4	42.6	63.8
101	9.8	8.0	12.0
130	22.8	19.4	29.0



#20
3+4-Methylphenols
Concen: 41.622 ng
RT: 7.04 min Scan# 867
Delta R.T. -0.00 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Tgt Ion:	107	Resp:	781566
Ion	Ratio	Lower	Upper
107	100		
108	93.7	75.5	115.5
77	74.9	80.2	120.2#
79	29.2	9.5	49.5

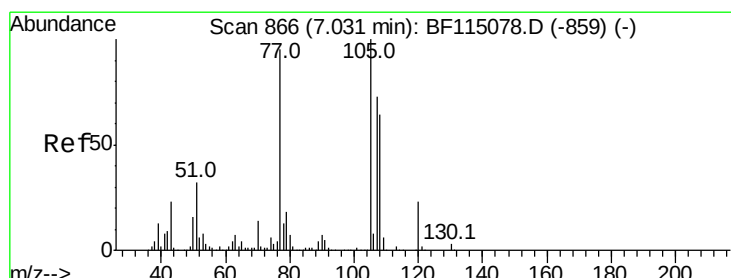
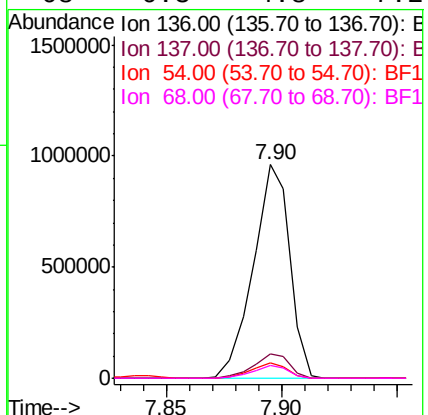
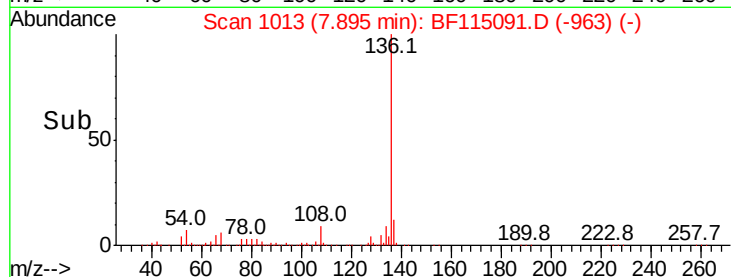
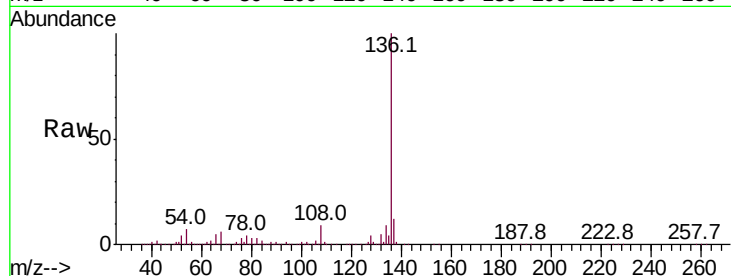




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.90 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

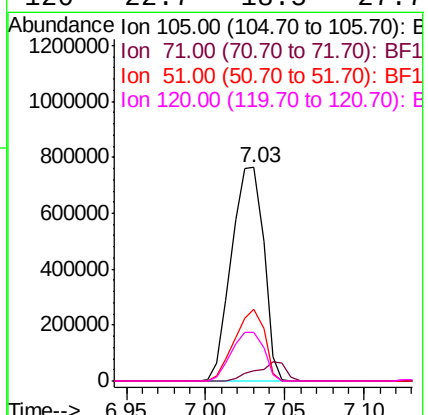
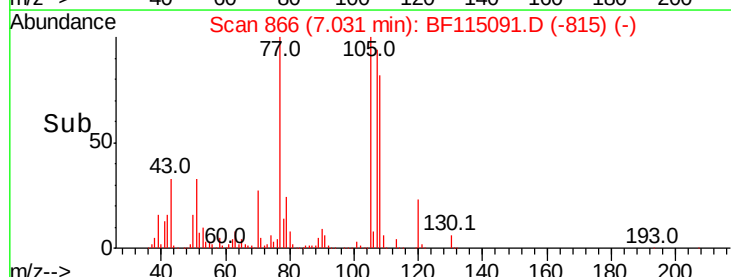
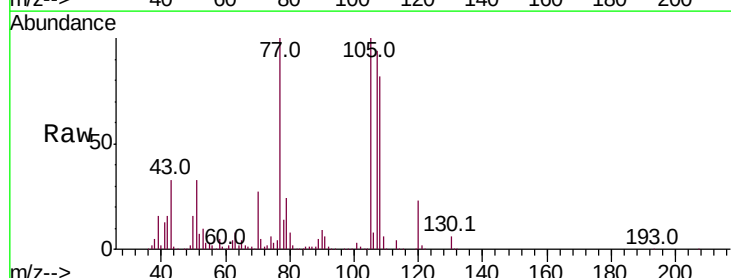
Instrument :
BNA_F
ClientSampleId :
PB120707BS

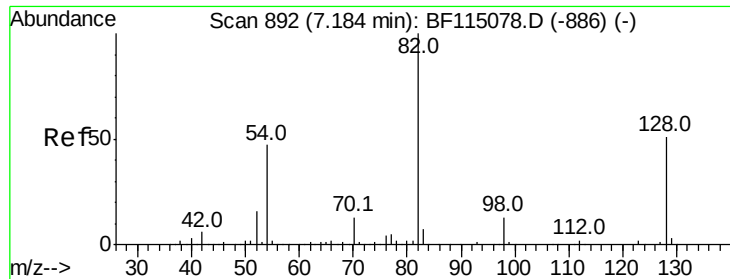
Tot Ion:136	Resp: 1059602
Ion Ratio	Lower Upper
136 100	
137 11.5	8.9 13.3
54 7.2	5.6 8.4
68 6.3	4.8 7.2



#22
Acetophenone
Concen: 44.387 ng
RT: 7.03 min Scan# 866
Delta R.T. -0.00 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Tgt	Ion:105	Resp:	1076729
Ion	Ratio	Lower	Upper
105	100		
71	4.6	1.9	2.9#
51	33.4	25.8	38.8
120	22.7	18.5	27.7



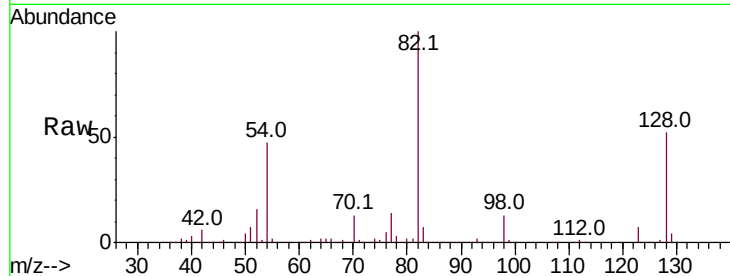


#23
 Nitrobenzene-d5
 Concen: 92.704 ng
 RT: 7.18 min Scan# 892
 Delta R.T. -0.00 min
 Lab File: BF115091.D
 Acq: 21 Jun 2019 21:25

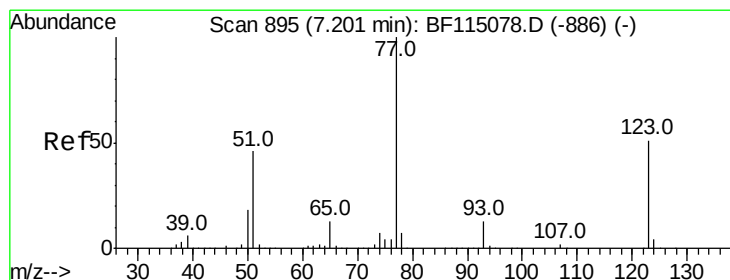
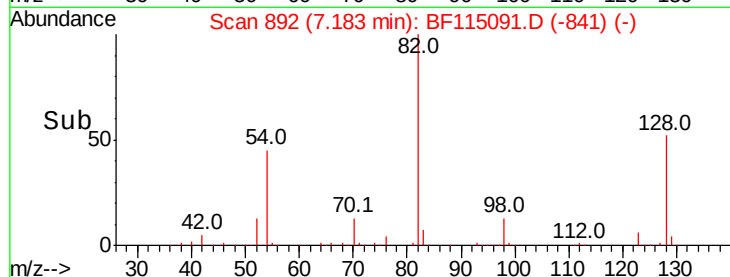
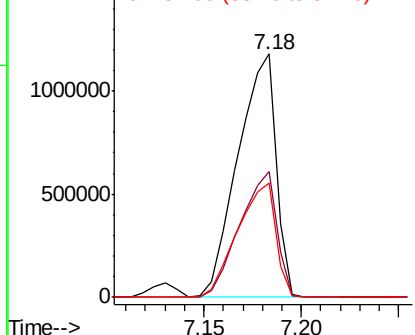
Instrument :
 BNA_F
 ClientSampleId :
 PB120707BS

Tot Ion: 82 Resp: 1596827

Ion	Ratio	Lower	Upper
82	100		
128	51.6	40.4	60.6
54	46.9	37.5	56.3



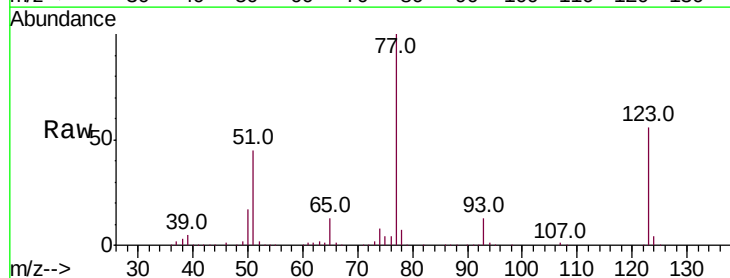
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



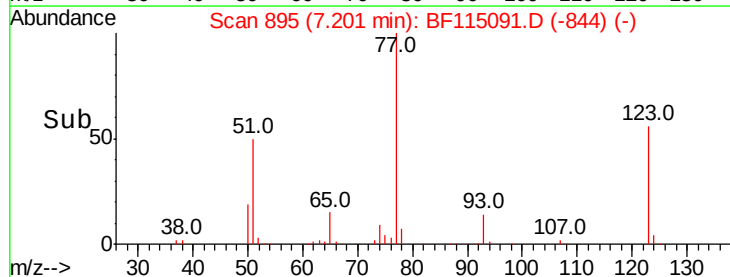
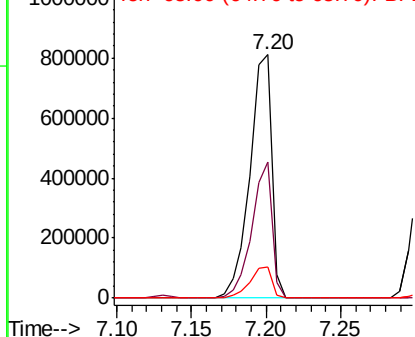
#24
 Nitrobenzene
 Concen: 43.290 ng
 RT: 7.20 min Scan# 895
 Delta R.T. -0.00 min
 Lab File: BF115091.D
 Acq: 21 Jun 2019 21:25

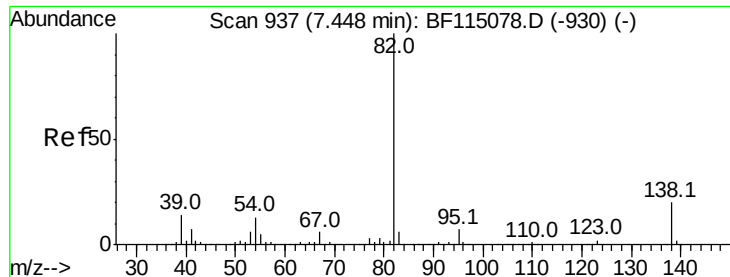
Tgt Ion: 77 Resp: 821487

Ion	Ratio	Lower	Upper
77	100		
123	55.6	41.0	61.6
65	12.7	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: 44.385 ng

RT: 7.45 min Scan# 937

Delta R.T. -0.00 min

Lab File: BF115091.D

Acq: 21 Jun 2019 21:25

Instrument :

BNA_F

ClientSampleId :

PB120707BS

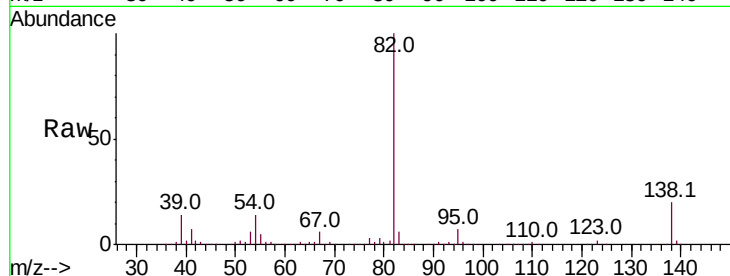
Tot Ion: 82 Resp: 1566182

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.2

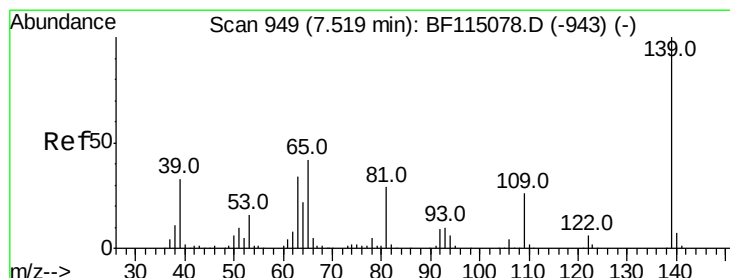
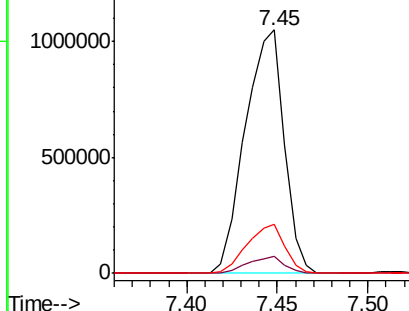
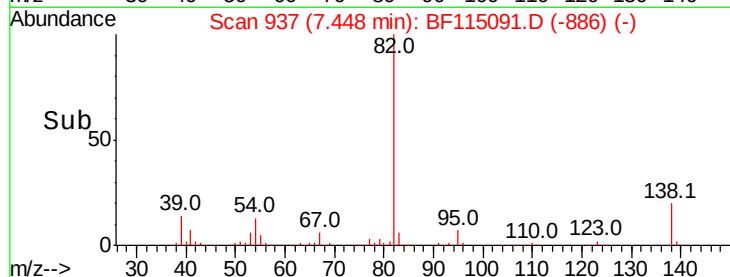
138 20.3 15.9 23.9



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 47.311 ng

RT: 7.51 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF115091.D

Acq: 21 Jun 2019 21:25

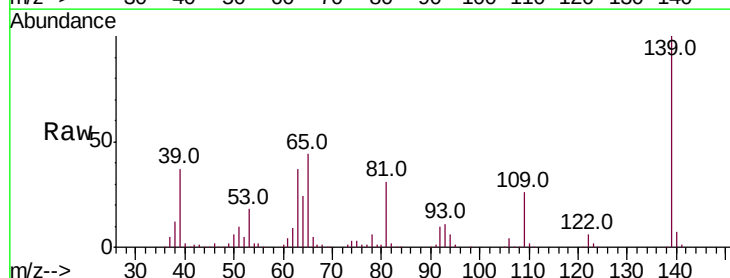
Tgt Ion: 139 Resp: 443369

Ion Ratio Lower Upper

139 100

109 26.4 20.4 30.6

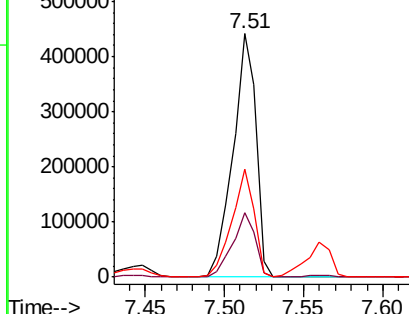
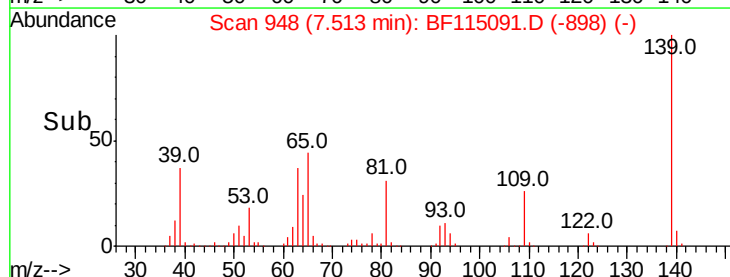
65 44.4 33.6 50.4

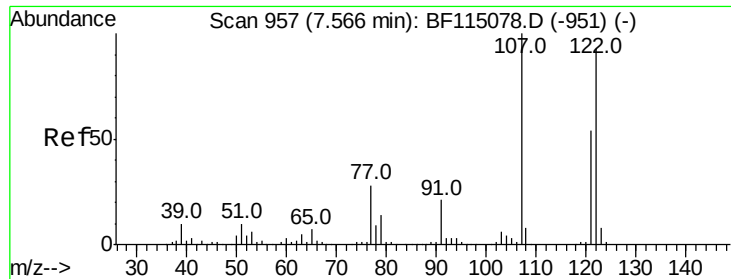


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

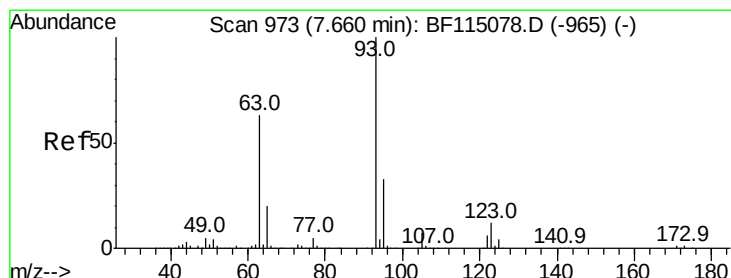
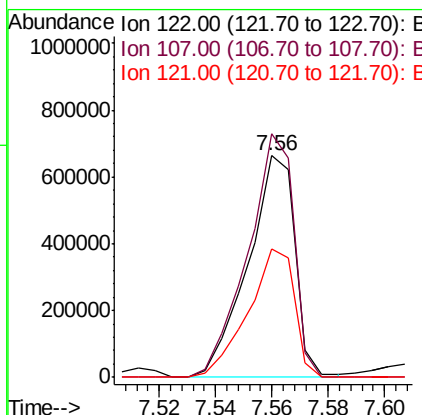
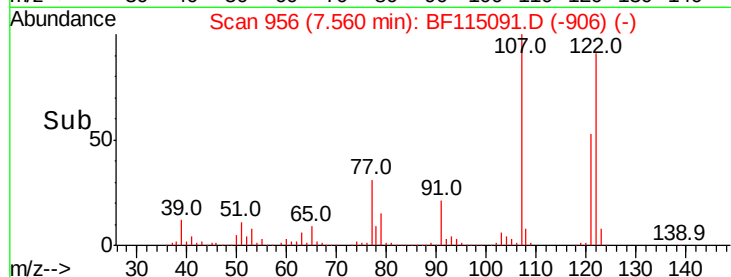
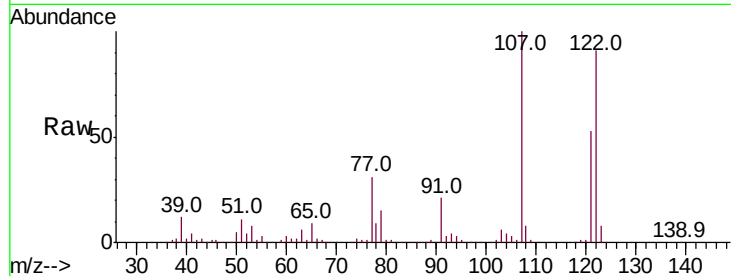




#27
 2,4-Dimethylphenol
 Concen: 50.003 ng
 RT: 7.56 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: BF115091.D
 Acq: 21 Jun 2019 21:25

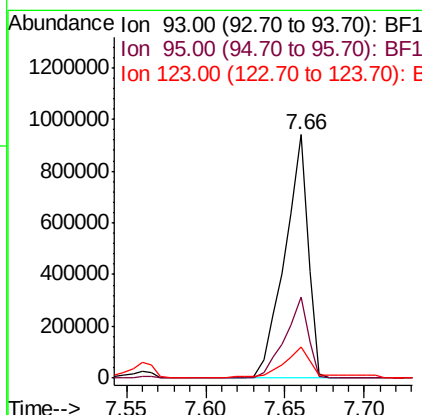
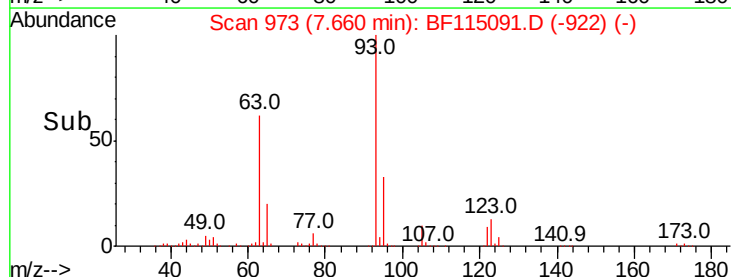
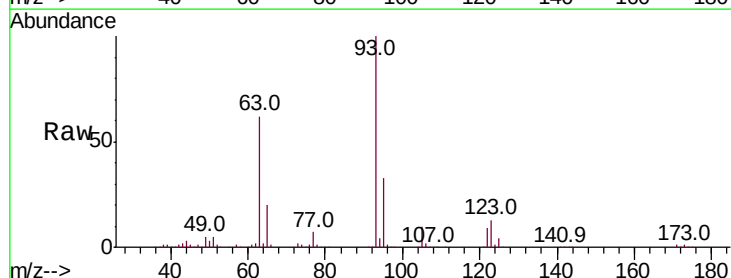
Instrument :
 BNA_F
 ClientSampleId :
 PB120707BS

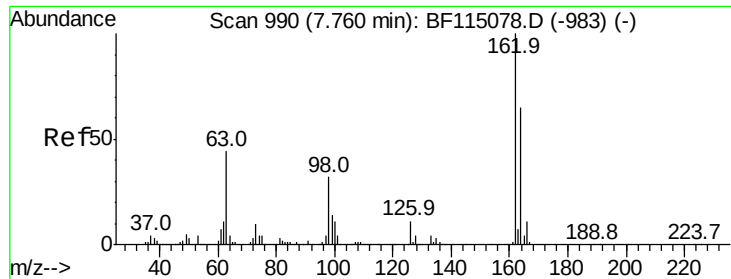
Tot Ion:122 Resp: 767229
 Ion Ratio Lower Upper
 122 100
 107 109.8 85.8 128.6
 121 57.9 46.3 69.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.299 ng
 RT: 7.66 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: BF115091.D
 Acq: 21 Jun 2019 21:25

Tgt Ion: 93 Resp: 965669
 Ion Ratio Lower Upper
 93 100
 95 33.1 26.2 39.4
 123 12.9 9.7 14.5

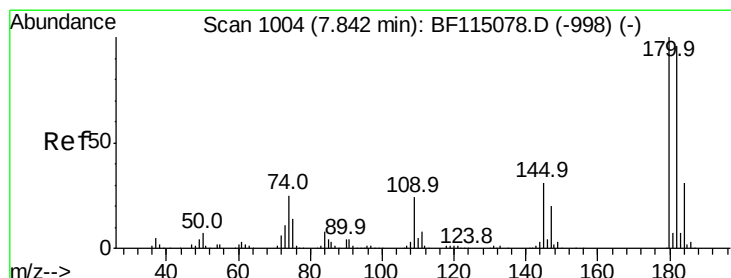
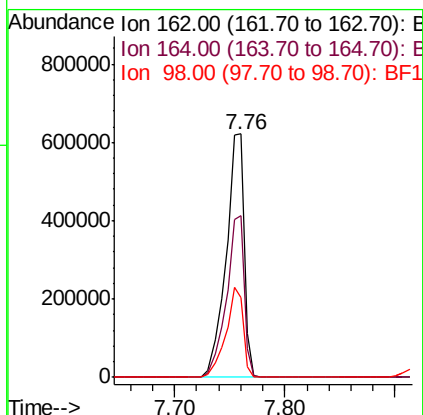
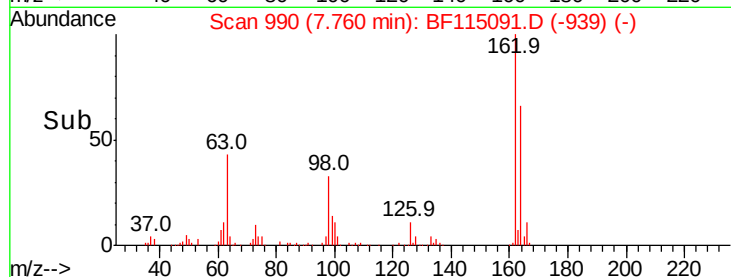
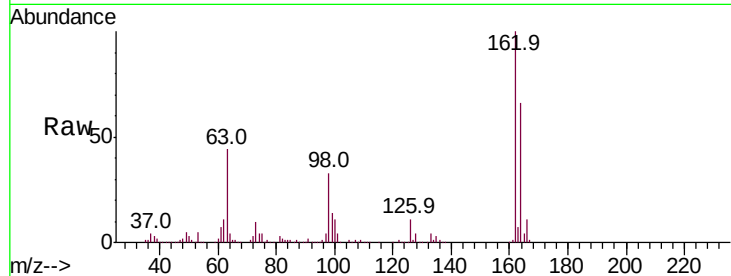




#29
 2,4-Dichlorophenol
 Concen: 45.272 ng
 RT: 7.76 min Scan# 990
 Delta R.T. -0.00 min
 Lab File: BF115091.D
 Acq: 21 Jun 2019 21:25

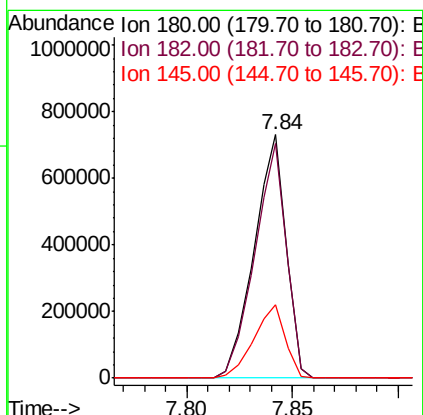
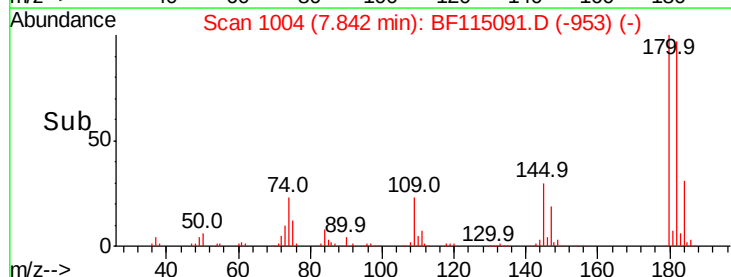
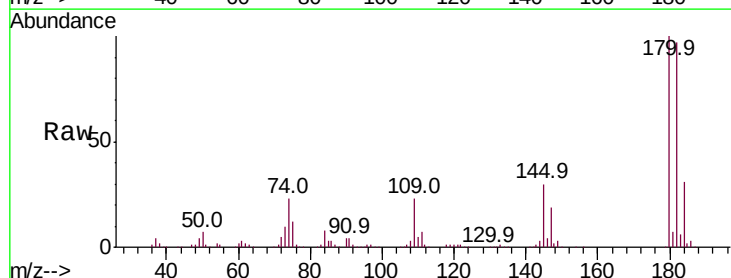
Instrument :
 BNA_F
 ClientSampleId :
 PB120707BS

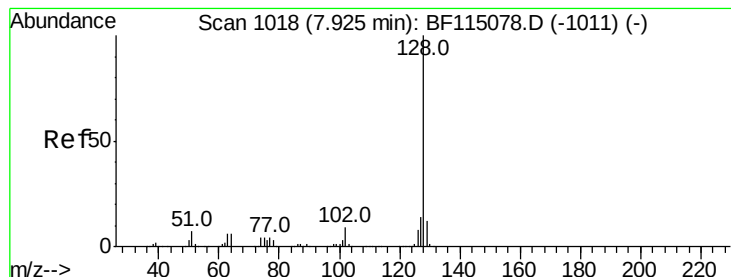
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.2	45.3	85.3
98	32.8	12.5	52.5



#30
 1,2,4-Trichlorobenzene
 Concen: 43.738 ng
 RT: 7.84 min Scan# 1004
 Delta R.T. -0.00 min
 Lab File: BF115091.D
 Acq: 21 Jun 2019 21:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	76.4	114.6
145	30.2	24.8	37.2





#31

Naphthalene

Concen: 43.924 ng

RT: 7.92 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF115091.D

Acq: 21 Jun 2019 21:25

Instrument :

BNA_F

ClientSampleId :

PB120707BS

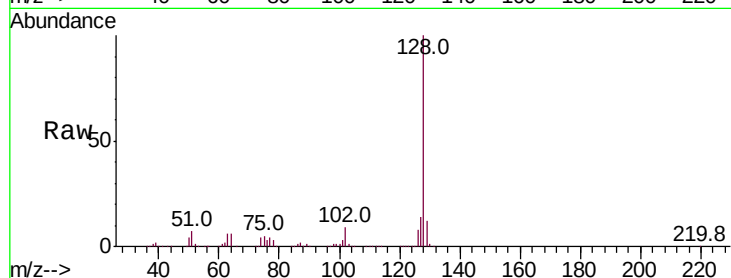
Tot Ion:128 Resp: 2284625

Ion Ratio Lower Upper

128 100

129 12.3 9.6 14.4

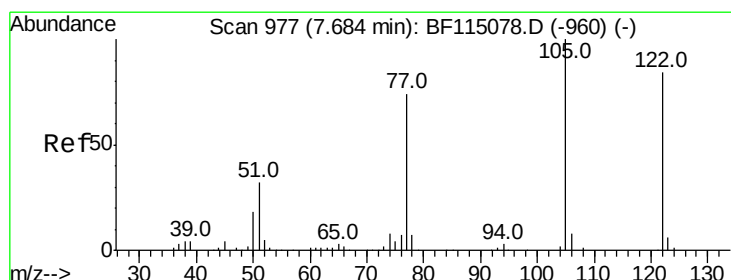
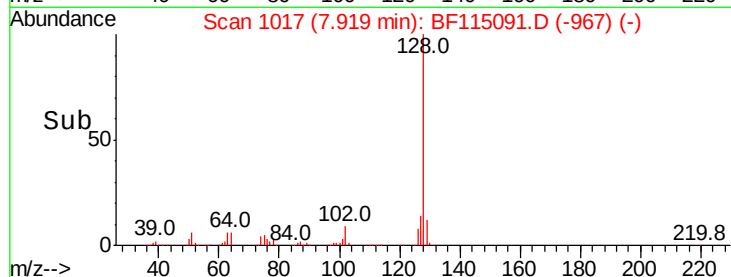
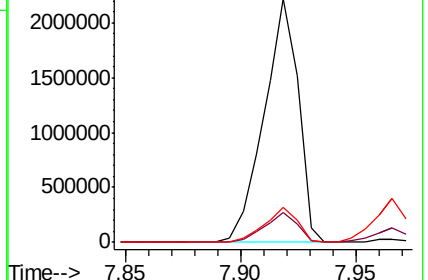
127 14.3 11.4 17.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 54.348 ng

RT: 7.71 min Scan# 981

Delta R.T. 0.02 min

Lab File: BF115091.D

Acq: 21 Jun 2019 21:25

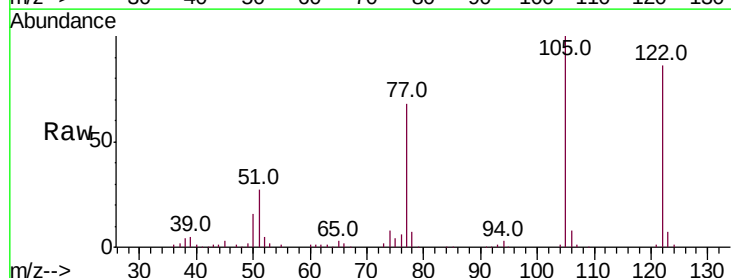
Tgt Ion:122 Resp: 595244

Ion Ratio Lower Upper

122 100

105 116.8 98.2 138.2

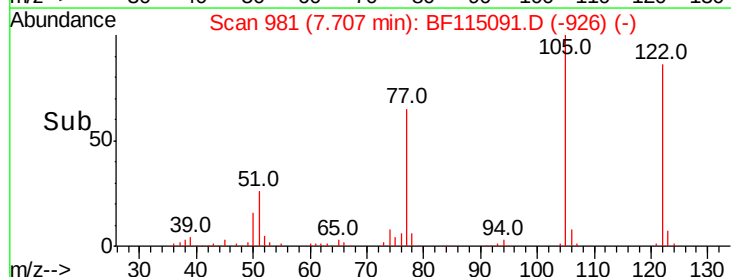
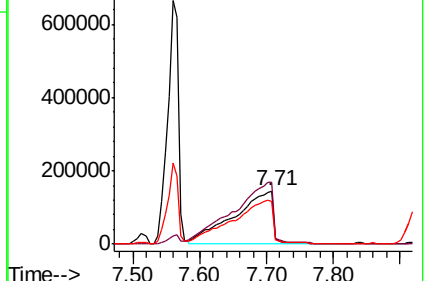
77 79.7 67.0 107.0

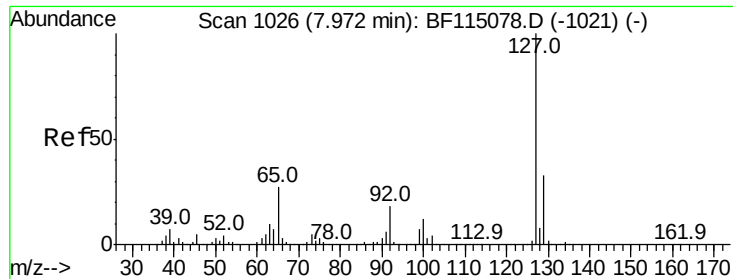


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

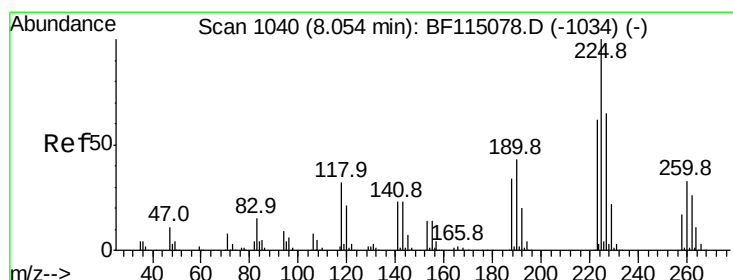
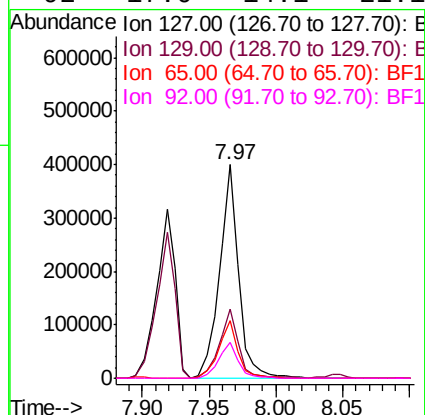
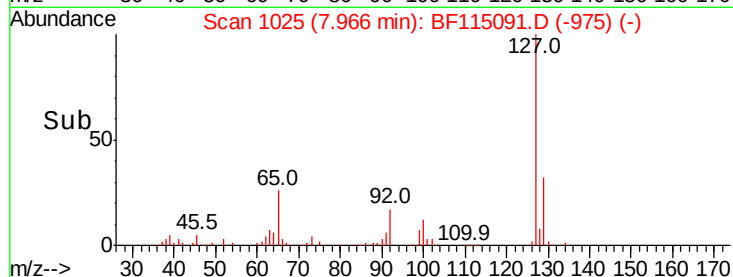
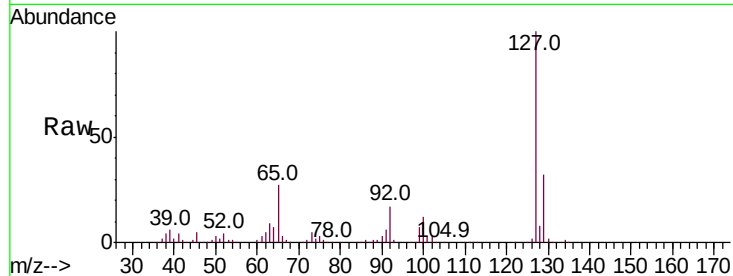




#33
4-Chloroaniline
Concen: 17.019 ng
RT: 7.97 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

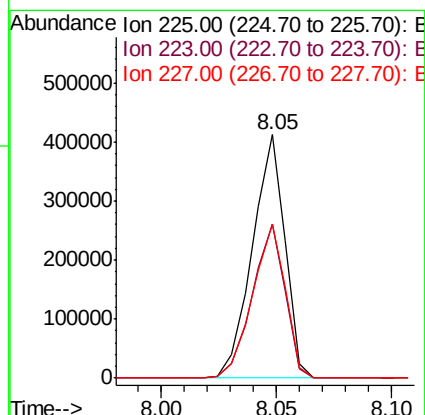
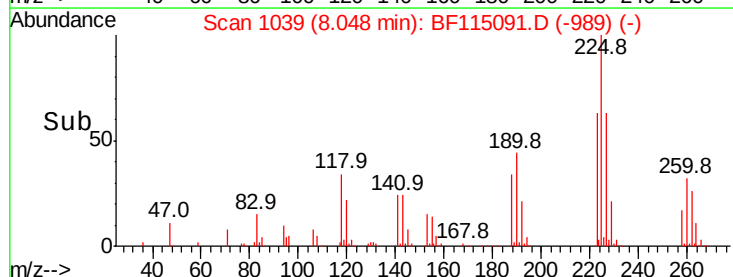
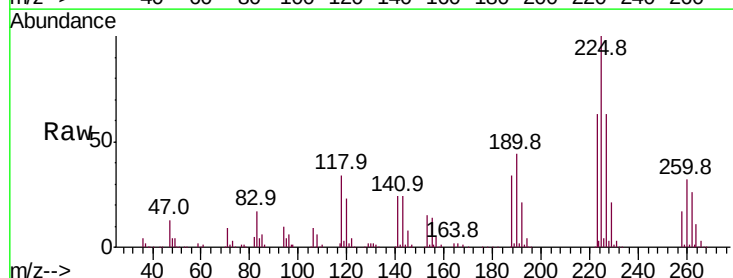
Instrument :
BNA_F
ClientSampleId :
PB120707BS

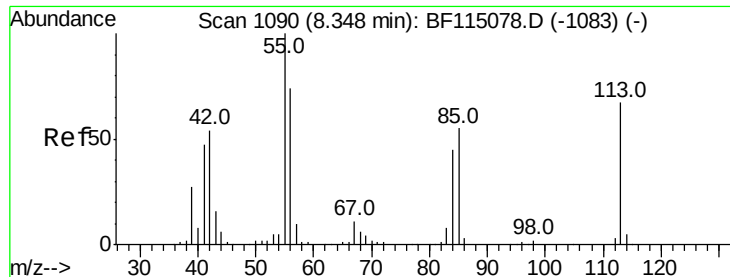
Tot Ion:	127	Resp:	404555
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.1	39.1
65	27.2	21.4	32.2
92	17.0	14.1	21.1



#34
Hexachlorobutadiene
Concen: 42.330 ng
RT: 8.05 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Tgt Ion:	225	Resp:	405731
Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.4	74.2
227	63.1	51.8	77.8

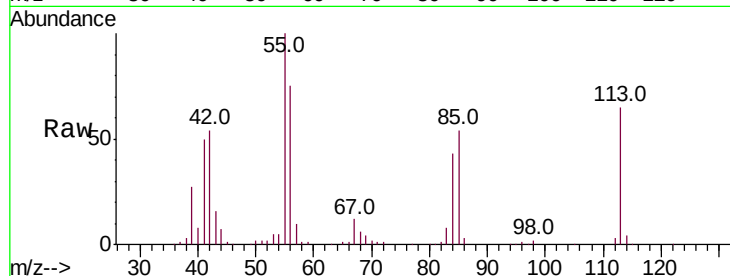




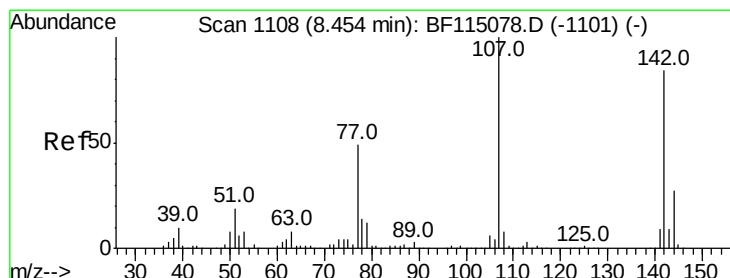
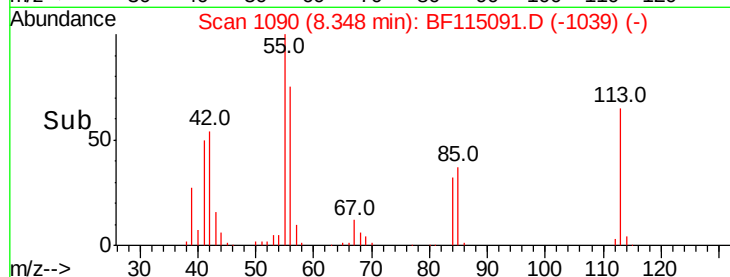
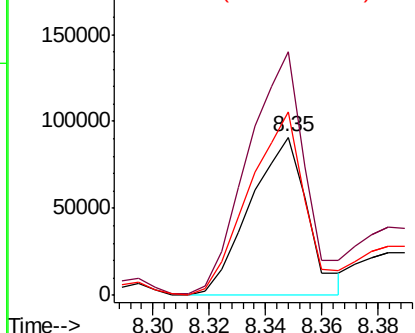
#35
 Caprolactam
 Concen: 24.064 ng
 RT: 8.35 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: BF115091.D
 Acq: 21 Jun 2019 21:25

Instrument :
 BNA_F
 ClientSampleId :
 PB120707BS

Tot Ion:113 Resp: 128112
 Ion Ratio Lower Upper
 113 100
 55 154.2 130.2 170.2
 56 116.3 91.6 131.6

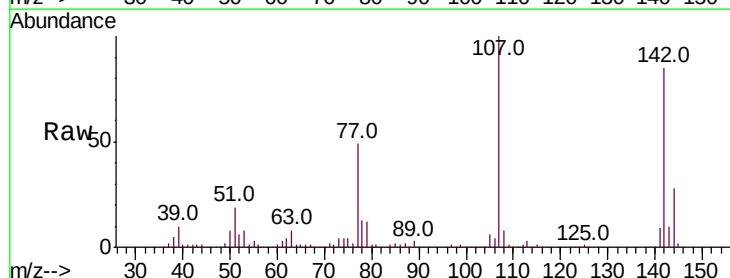


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

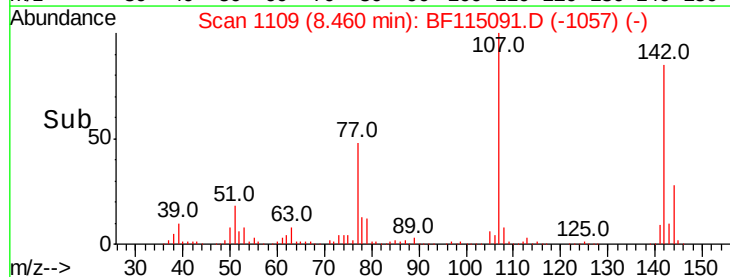
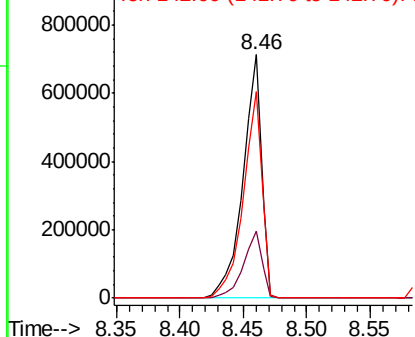


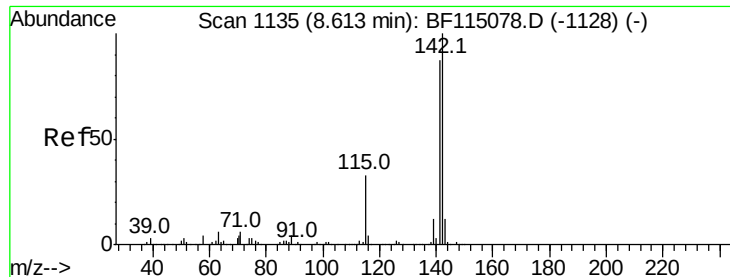
#36
 4-Chloro-3-methylphenol
 Concen: 45.163 ng
 RT: 8.46 min Scan# 1109
 Delta R.T. 0.01 min
 Lab File: BF115091.D
 Acq: 21 Jun 2019 21:25

Tgt Ion:107 Resp: 724233
 Ion Ratio Lower Upper
 107 100
 144 27.6 21.7 32.5
 142 85.0 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

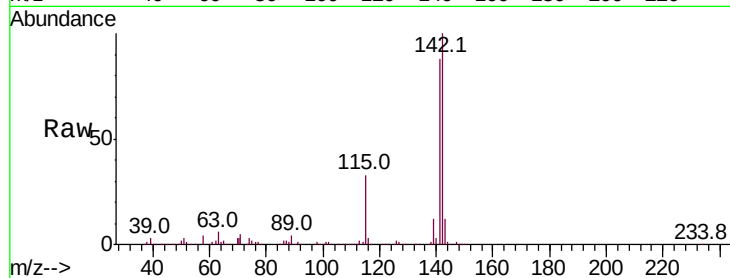




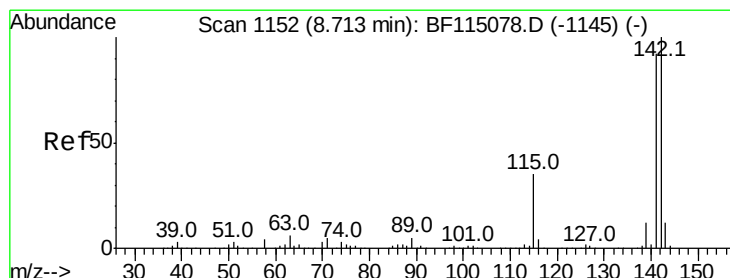
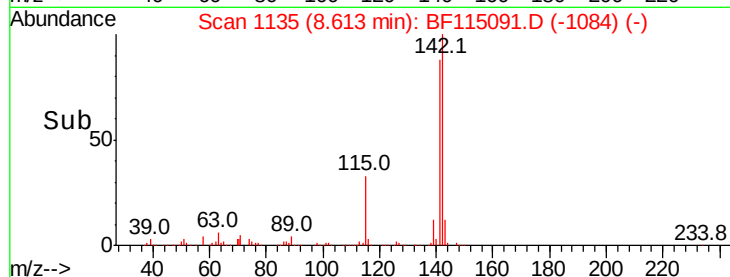
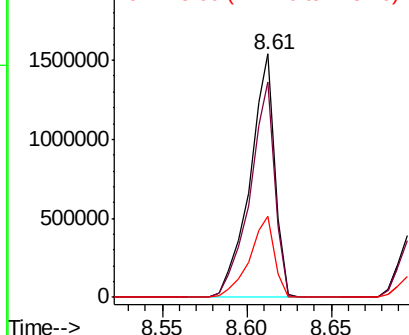
#37
2-Methylnaphthalene
Concen: 45.413 ng
RT: 8.61 min Scan# 1135
Delta R.T. -0.00 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Instrument :
BNA_F
ClientSampleId :
PB120707BS

Tot Ion:142 Resp: 1592637
Ion Ratio Lower Upper
142 100
141 88.4 69.8 104.6
115 33.5 26.7 40.1

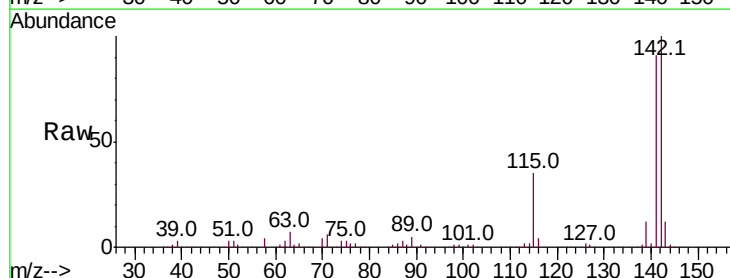


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

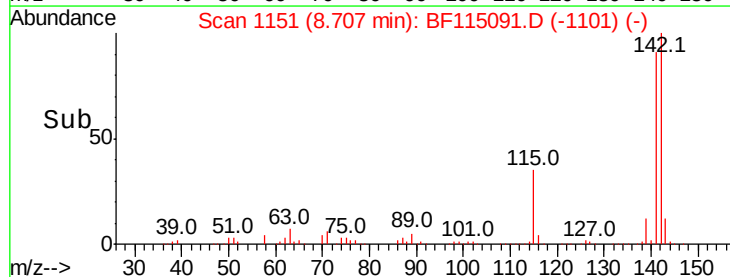
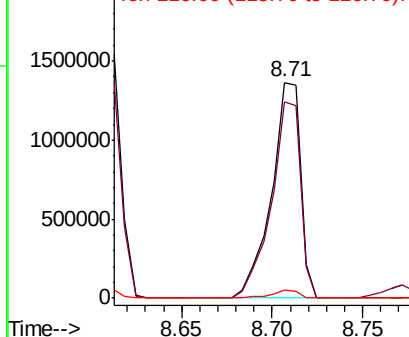


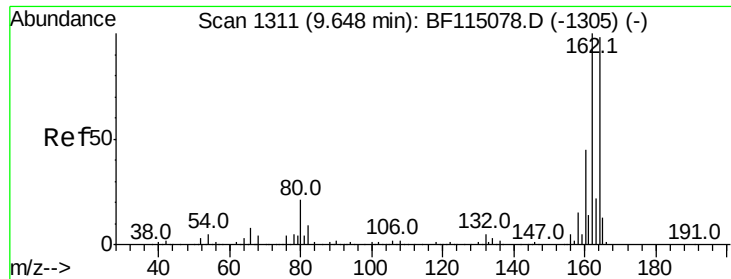
#38
1-Methylnaphthalene
Concen: 45.433 ng
RT: 8.71 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Tgt Ion:142 Resp: 1521763
Ion Ratio Lower Upper
142 100
141 91.0 73.8 110.8
116 3.8 2.8 4.2



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

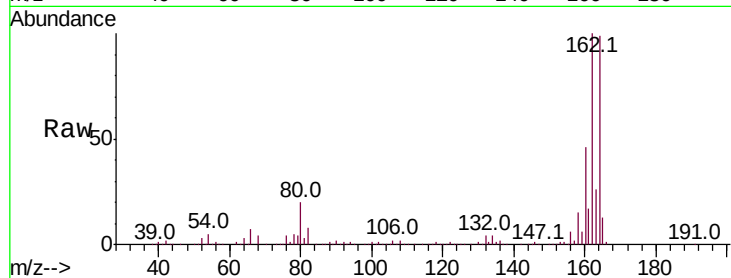




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.65 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Instrument :
BNA_F
ClientSampleId :
PB120707BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.2	81.7	122.5
160	46.3	37.0	55.4

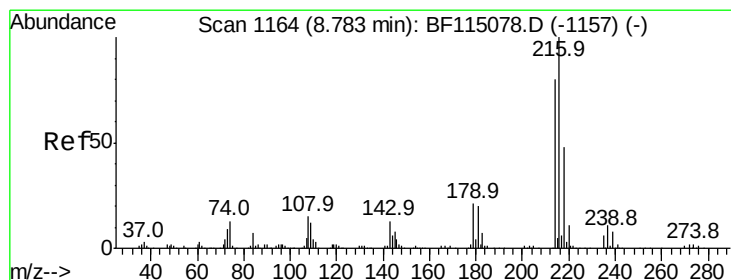
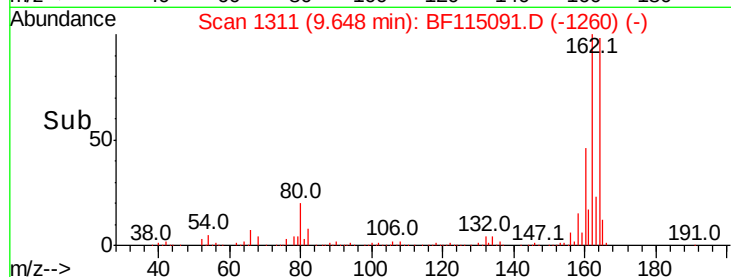
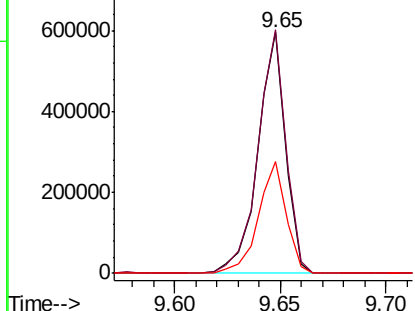


Abundance

Ion 164.00 (163.70 to 164.70): E

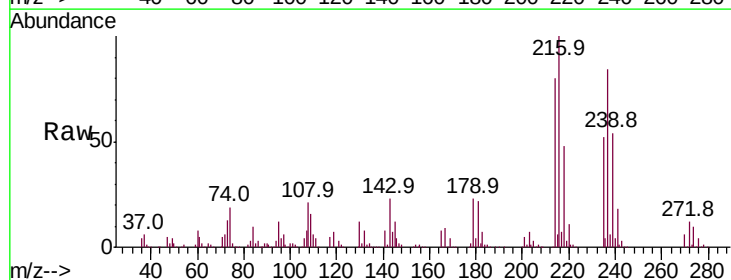
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.201 ng
RT: 8.78 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.8	95.6
179	22.1	17.6	26.4
108	20.9	15.7	23.5



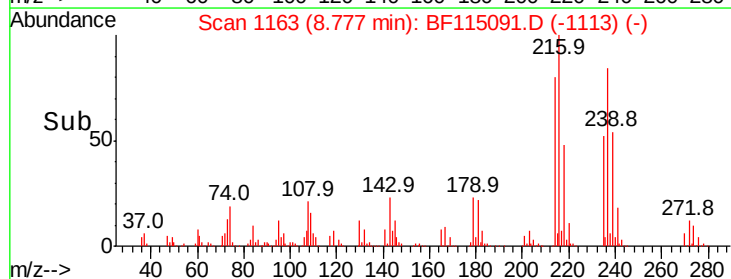
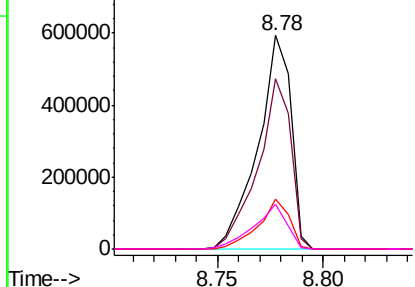
Abundance

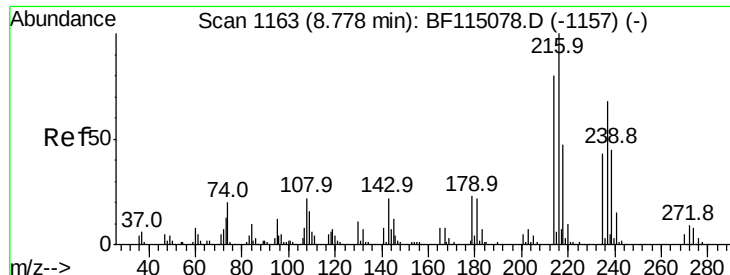
Ion 216.00 (215.70 to 216.70): E

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: 78.939 ng

RT: 8.77 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BF115091.D

Acq: 21 Jun 2019 21:25

Instrument :

BNA_F

ClientSampleId :

PB120707BS

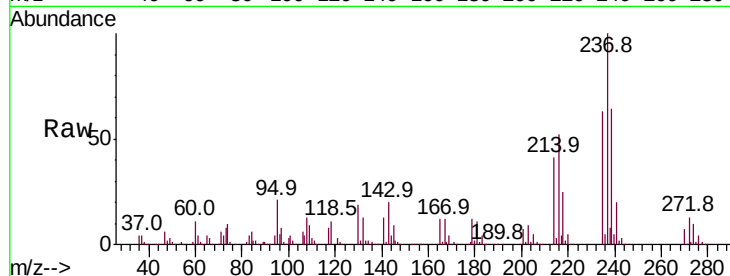
Tot Ion:237 Resp: 716675

Ion Ratio Lower Upper

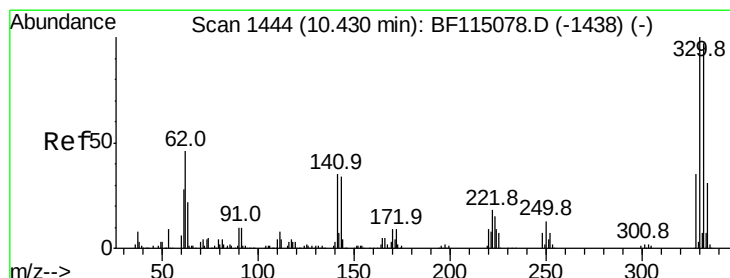
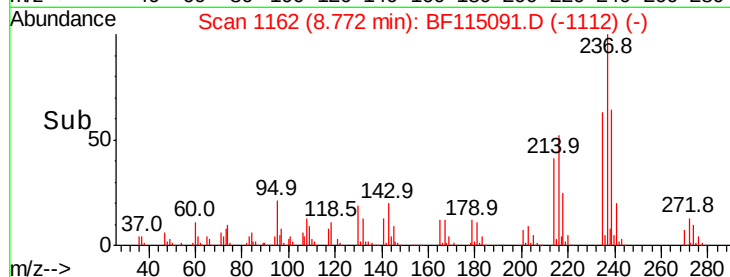
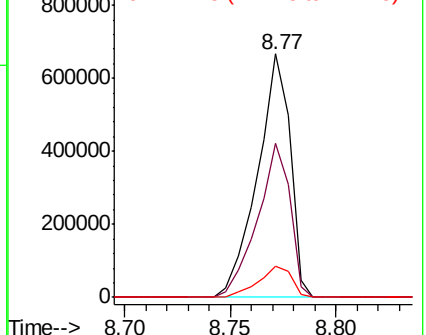
237 100

235 63.2 43.9 83.9

272 12.8 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: 127.898 ng

RT: 10.44 min Scan# 1445

Delta R.T. 0.01 min

Lab File: BF115091.D

Acq: 21 Jun 2019 21:25

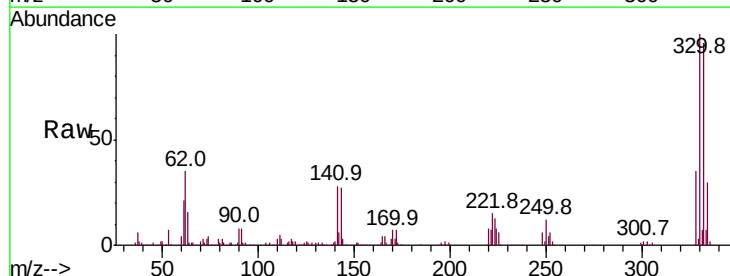
Tgt Ion:330 Resp: 730768

Ion Ratio Lower Upper

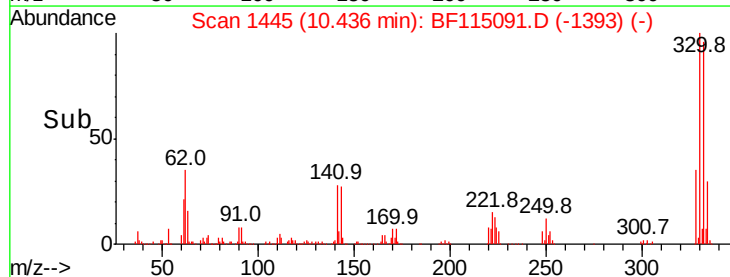
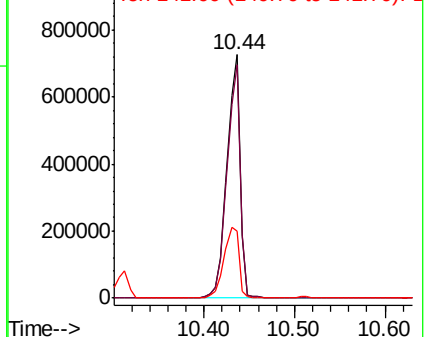
330 100

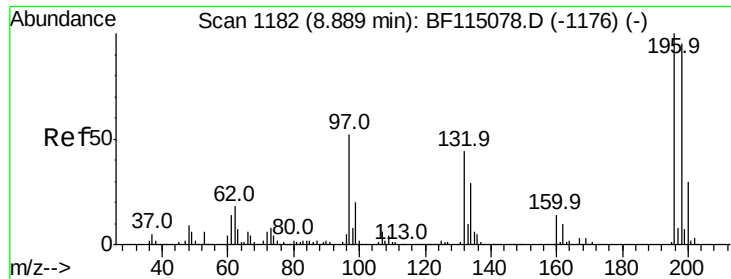
332 96.1 77.3 115.9

141 33.2 28.2 42.2



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

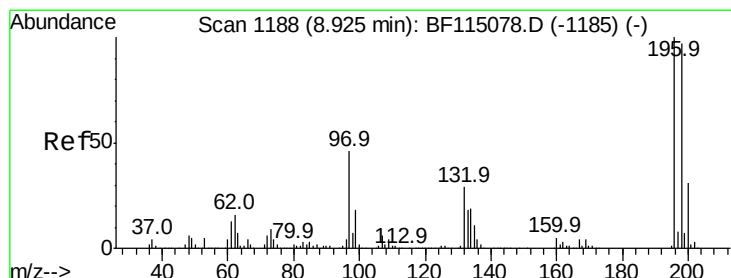
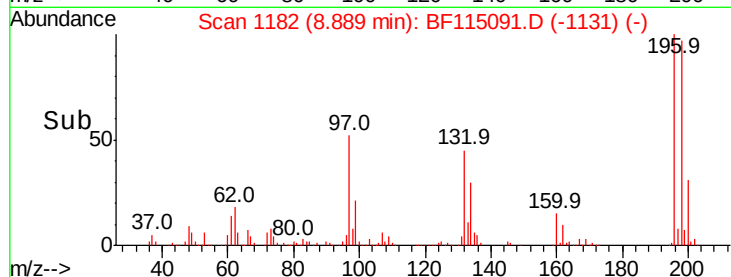
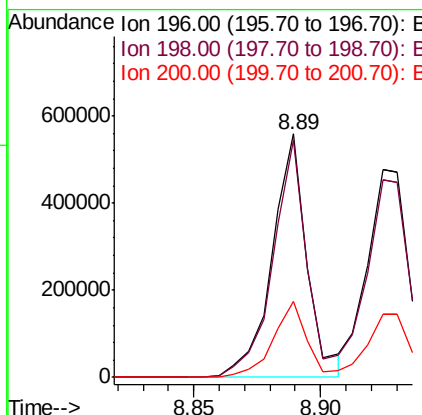
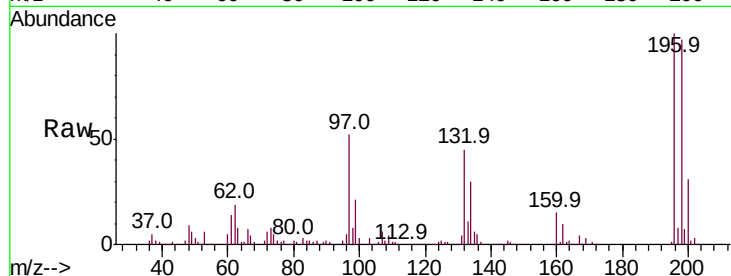




#43
 2,4,6-Trichlorophenol
 Concen: 45.505 ng
 RT: 8.89 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BF115091.D
 Acq: 21 Jun 2019 21:25

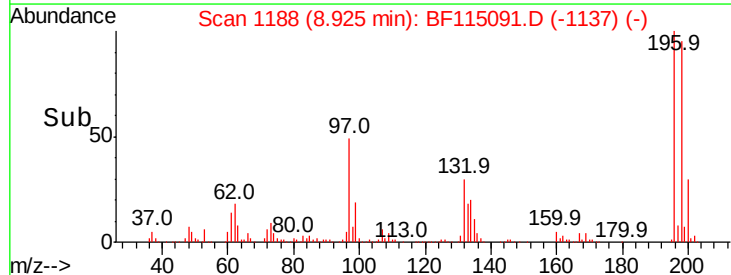
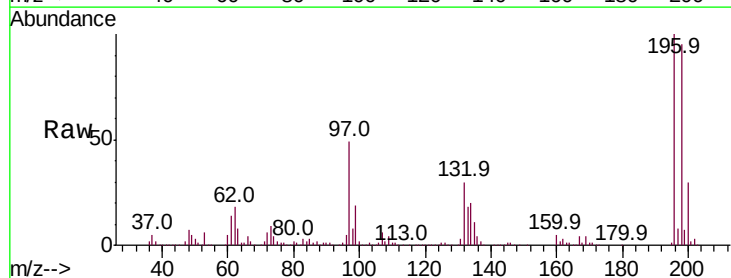
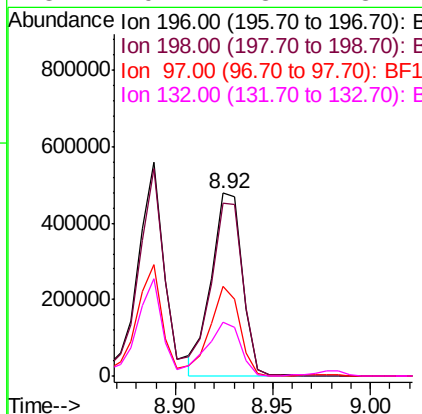
Instrument :
 BNA_F
 ClientSampled :
 PB120707BS

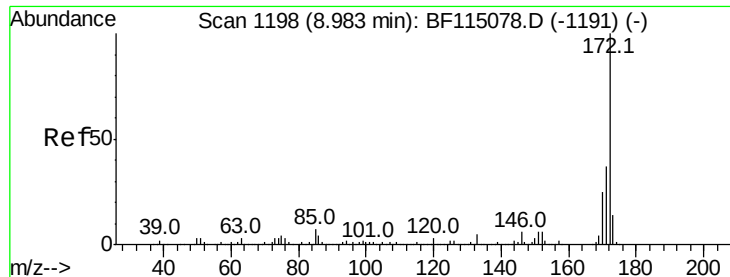
Tot Ion	Ratio	Lower	Upper
196	100		
198	97.2	76.3	114.5
200	31.4	24.2	36.4



#44
 2,4,5-Trichlorophenol
 Concen: 43.538 ng
 RT: 8.92 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF115091.D
 Acq: 21 Jun 2019 21:25

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.7	77.1	115.7
97	48.8	37.7	56.5
132	29.7	23.1	34.7



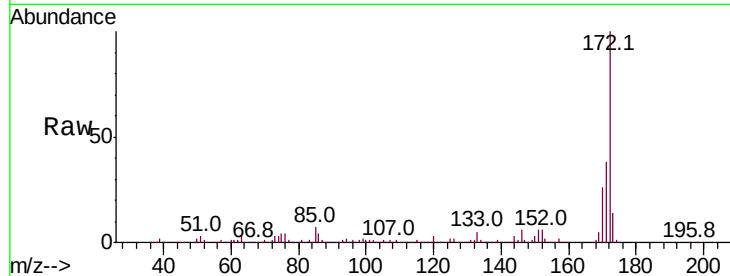


#45
 2-Fluorobiphenyl
 Concen: 91.604 ng
 RT: 8.98 min Scan# 1198
 Delta R.T. -0.00 min
 Lab File: BF115091.D
 Acq: 21 Jun 2019 21:25

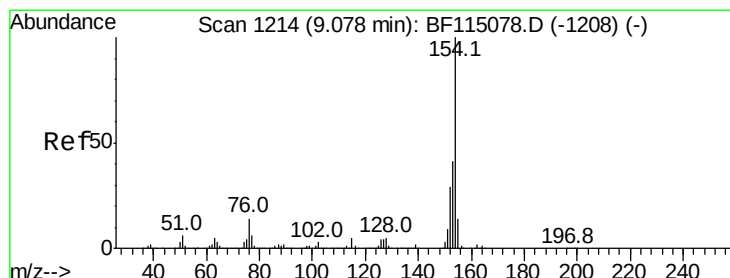
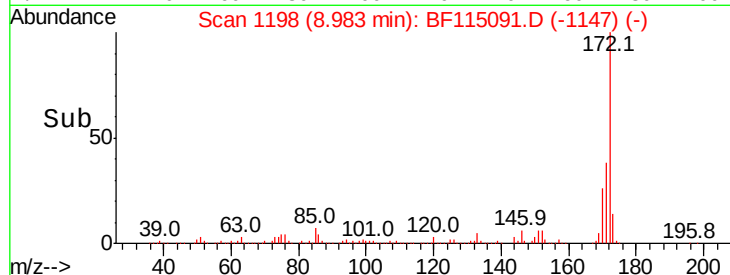
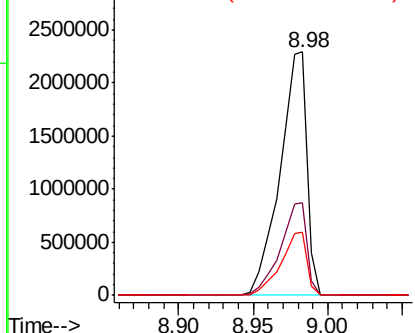
Instrument :
 BNA_F
 ClientSampleId :
 PB120707BS

Tot Ion:172 Resp: 2921947

Ion	Ratio	Lower	Upper
172	100		
171	37.8	29.8	44.6
170	25.9	20.3	30.5



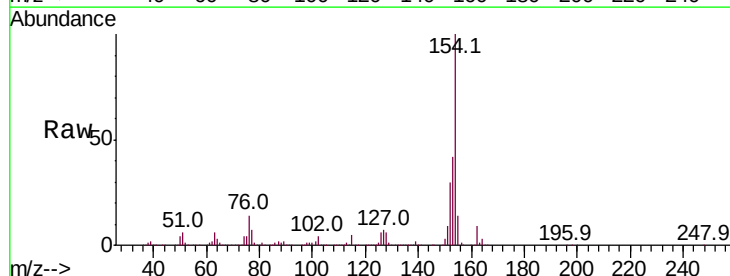
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



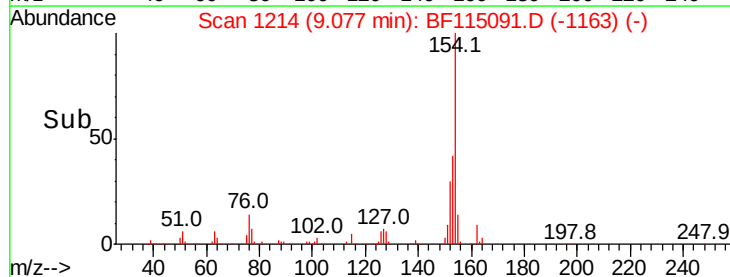
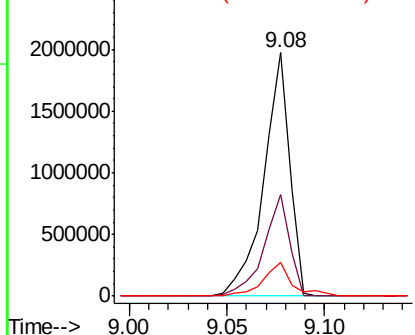
#46
 1,1'-Biphenyl
 Concen: 41.924 ng
 RT: 9.08 min Scan# 1214
 Delta R.T. -0.00 min
 Lab File: BF115091.D
 Acq: 21 Jun 2019 21:25

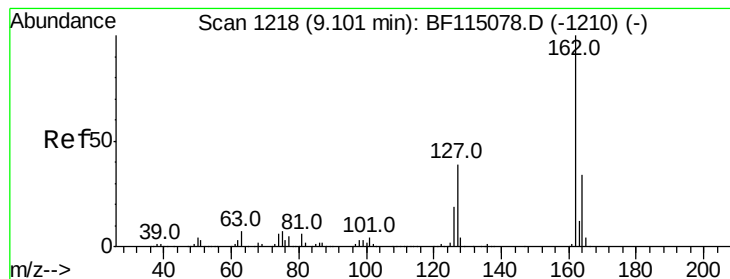
Tgt Ion:154 Resp: 1817538

Ion	Ratio	Lower	Upper
154	100		
153	42.0	20.9	60.9
76	13.8	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

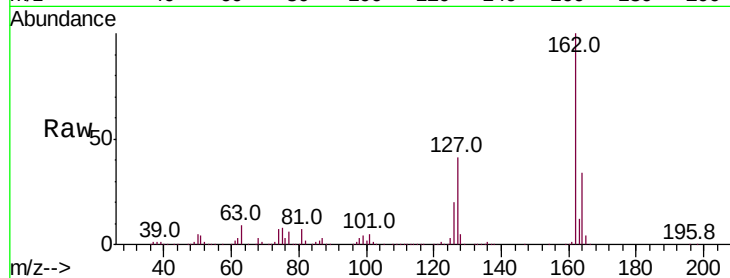




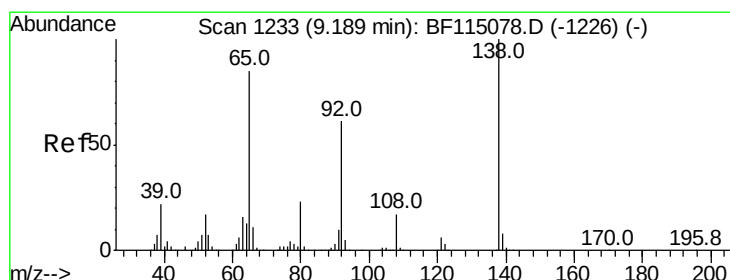
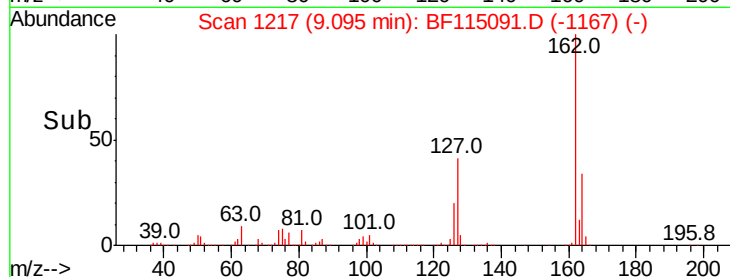
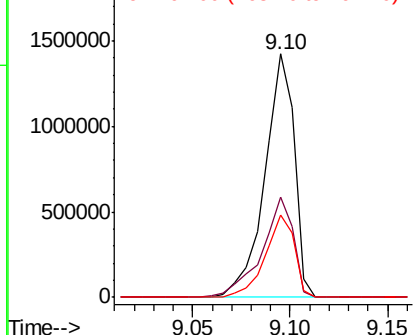
#47
 2-Chloronaphthalene
 Concen: 42.289 ng
 RT: 9.10 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF115091.D
 Acq: 21 Jun 2019 21:25

Instrument :
 BNA_F
 ClientSampleId :
 PB120707BS

Tot Ion:	162	Resp:	1487131
Ion	Ratio	Lower	Upper
162	100		
127	41.0	30.8	46.2
164	33.7	27.0	40.4

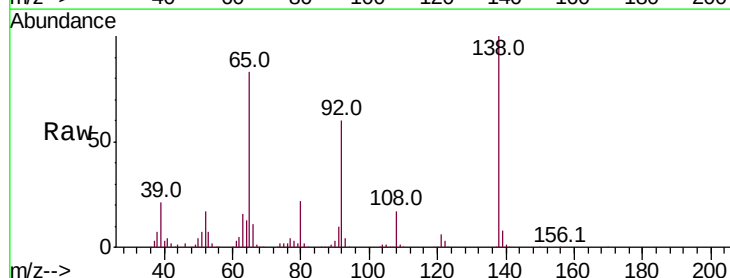


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

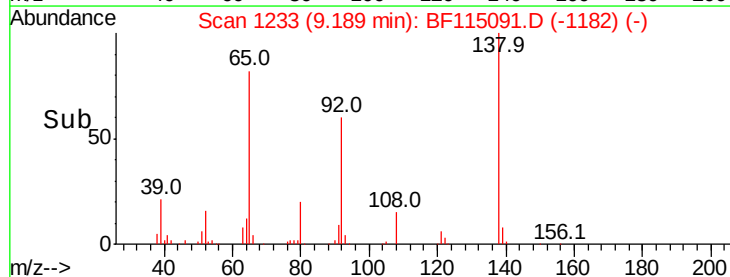
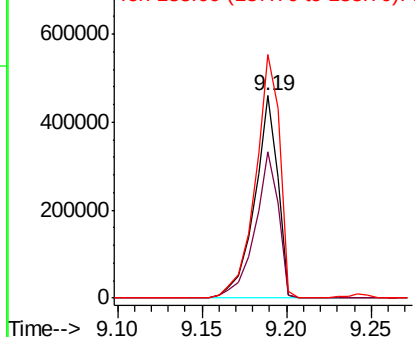


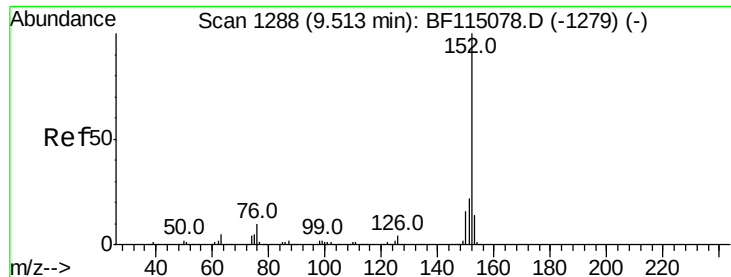
#48
 2-Nitroaniline
 Concen: 43.028 ng
 RT: 9.19 min Scan# 1233
 Delta R.T. -0.00 min
 Lab File: BF115091.D
 Acq: 21 Jun 2019 21:25

Tgt Ion:	65	Resp:	441137
Ion	Ratio	Lower	Upper
65	100		
92	72.6	57.4	86.2
138	120.4	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: 41.877 ng

RT: 9.51 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF115091.D

Acq: 21 Jun 2019 21:25

Instrument :

BNA_F

ClientSampleId :

PB120707BS

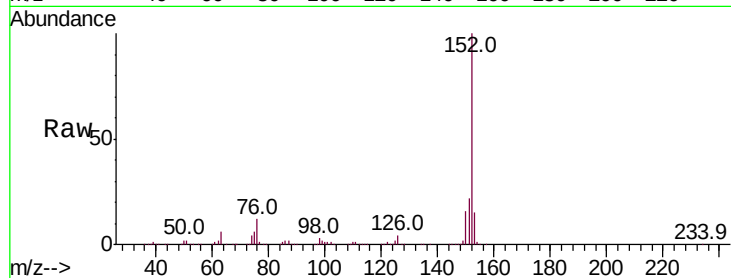
Tot Ion:152 Resp: 2294446

Ion Ratio Lower Upper

152 100

151 21.9 17.2 25.8

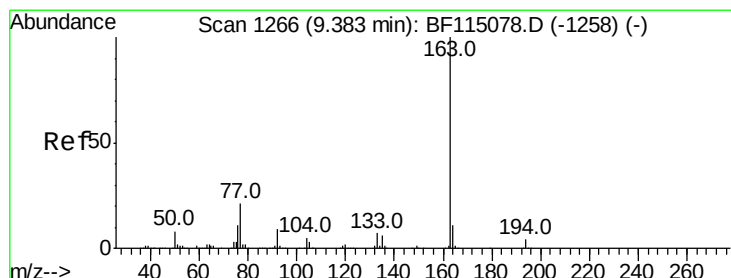
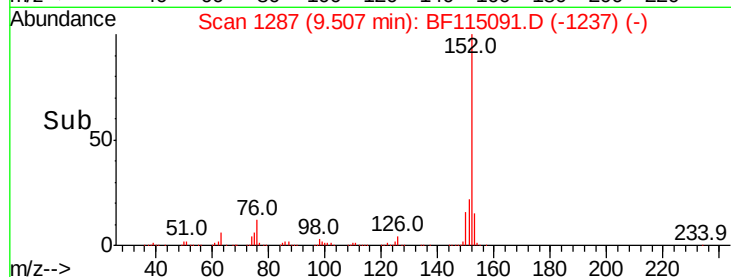
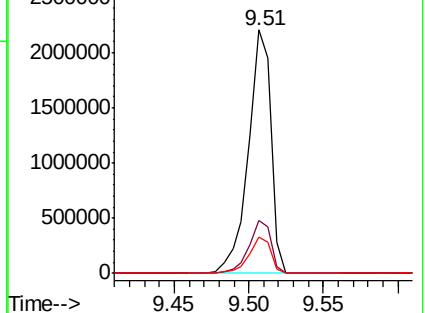
153 14.7 11.0 16.6



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: 42.395 ng

RT: 9.39 min Scan# 1267

Delta R.T. 0.01 min

Lab File: BF115091.D

Acq: 21 Jun 2019 21:25

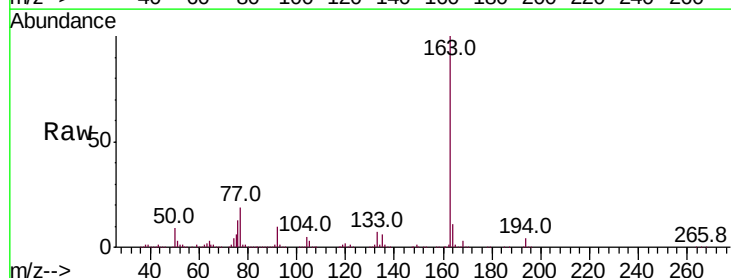
Tgt Ion:163 Resp: 1689970

Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

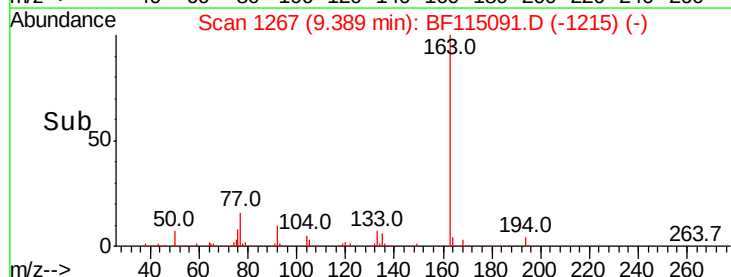
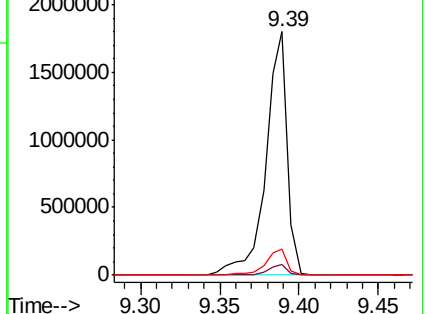
164 10.7 8.6 13.0

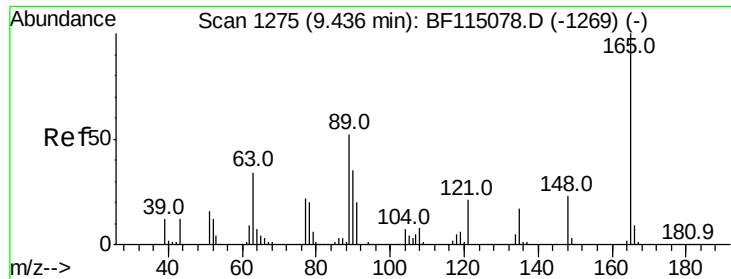


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

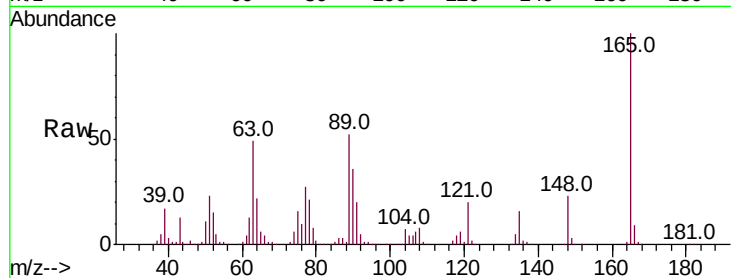




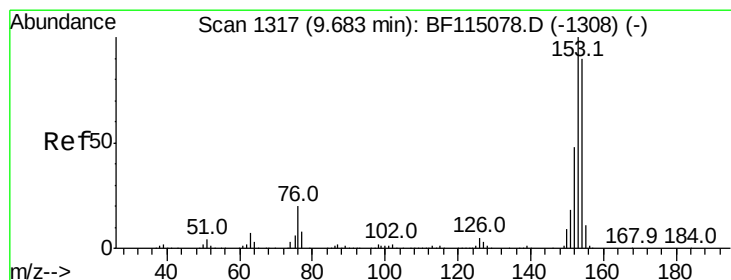
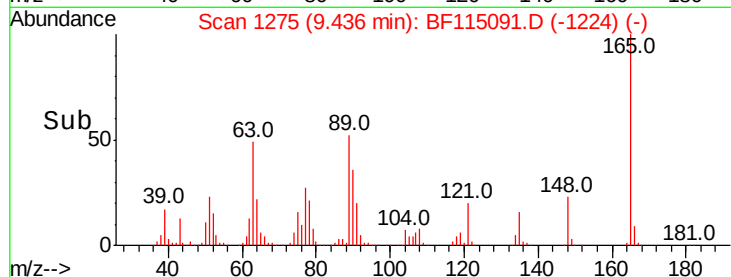
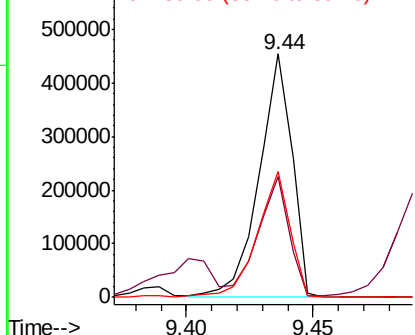
#51
 2,6-Dinitrotoluene
 Concen: 44.929 ng
 RT: 9.44 min Scan# 1275
 Delta R.T. -0.00 min
 Lab File: BF115091.D
 Acq: 21 Jun 2019 21:25

Instrument :
 BNA_F
 ClientSampleId :
 PB120707BS

Tot Ion:165 Resp: 413490
 Ion Ratio Lower Upper
 165 100
 63 49.4 39.4 59.2
 89 51.8 42.0 63.0

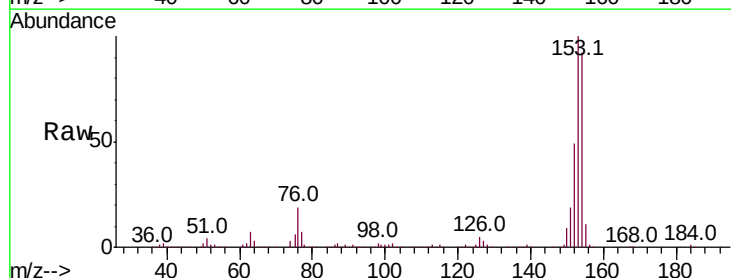


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

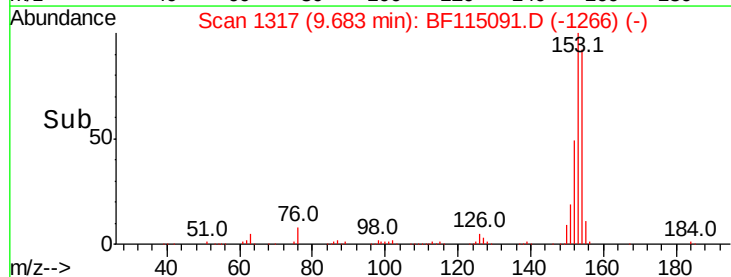
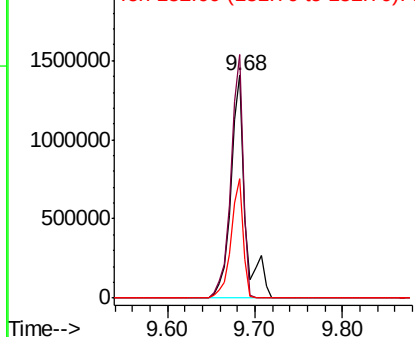


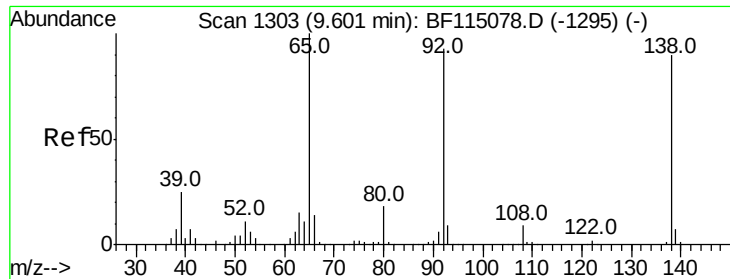
#52
 Acenaphthene
 Concen: 46.866 ng
 RT: 9.68 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: BF115091.D
 Acq: 21 Jun 2019 21:25

Tgt Ion:154 Resp: 1606799
 Ion Ratio Lower Upper
 154 100
 153 109.2 88.7 133.1
 152 53.3 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

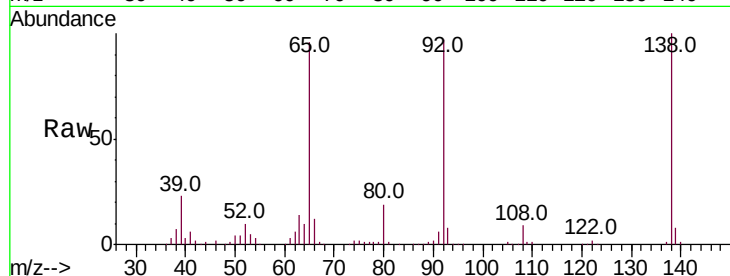




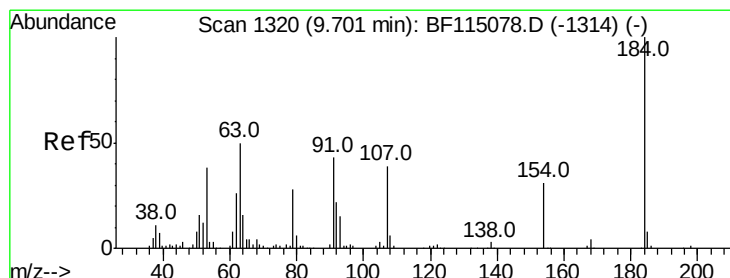
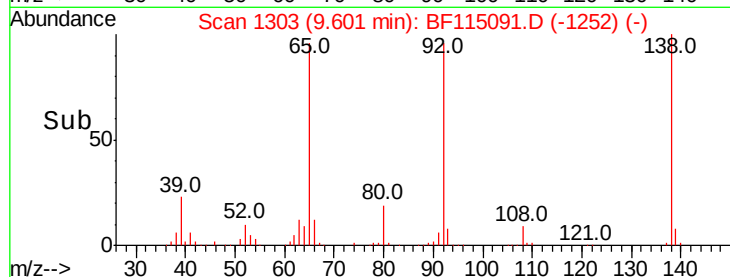
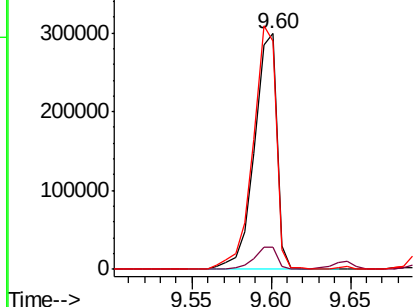
#53
3-Nitroaniline
Concen: 26.384 ng
RT: 9.60 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Instrument :
BNA_F
ClientSampleId :
PB120707BS

Tot Ion:138 Resp: 296316
Ion Ratio Lower Upper
138 100
108 9.4 7.8 11.6
92 96.8 82.9 124.3

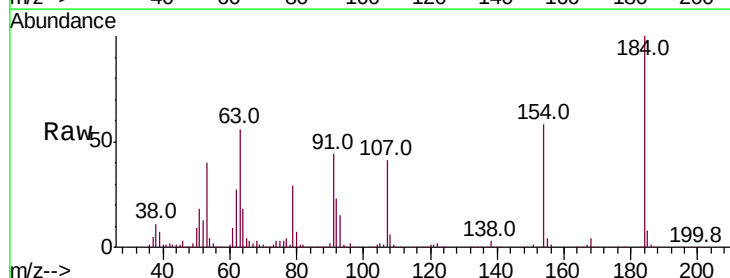


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

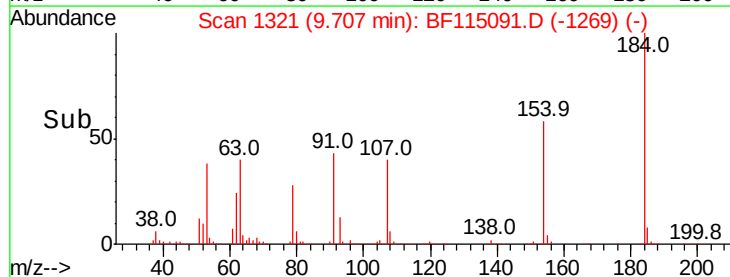
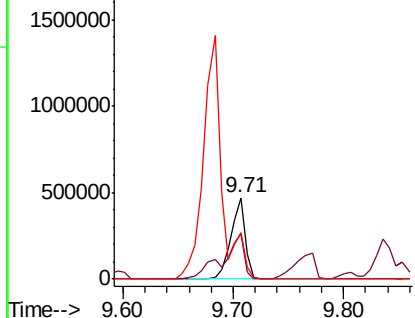


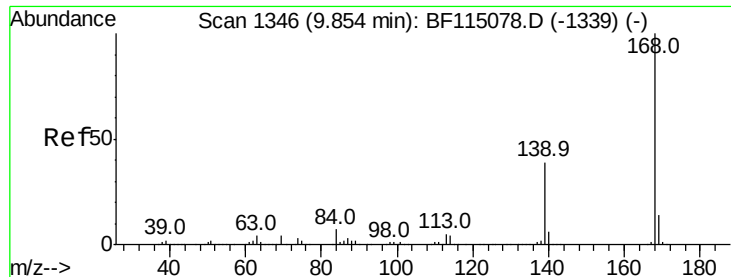
#54
2,4-Dinitrophenol
Concen: 90.736 ng
RT: 9.71 min Scan# 1321
Delta R.T. 0.01 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Tgt Ion:184 Resp: 434832
Ion Ratio Lower Upper
184 100
63 55.6 41.9 62.9
154 57.6 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

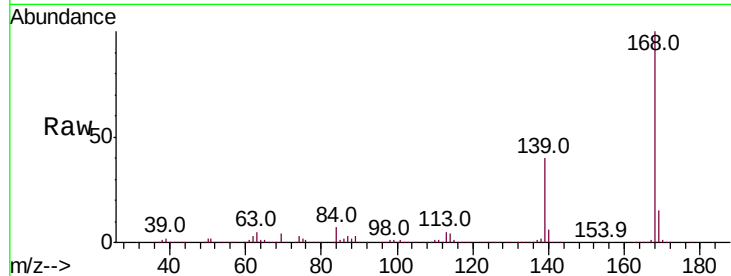




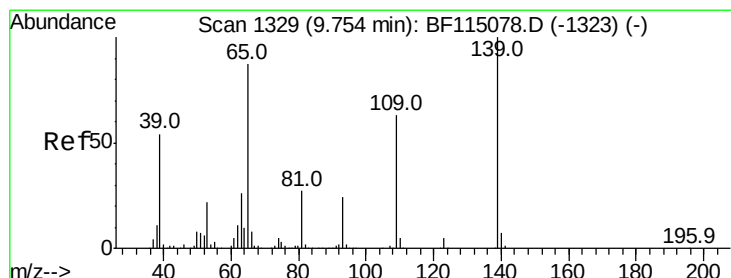
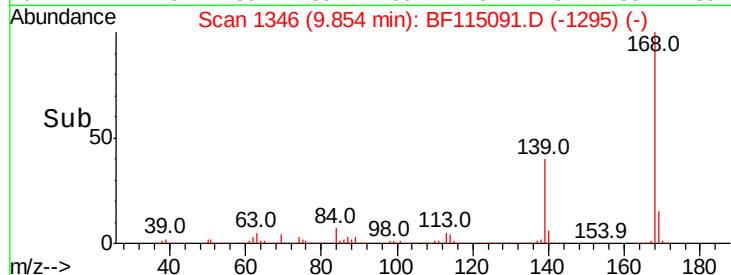
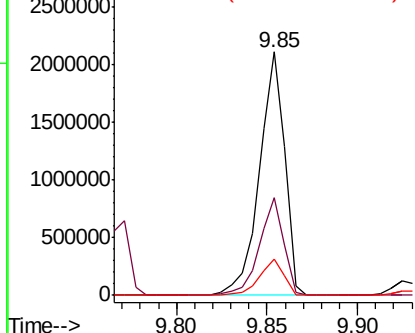
#55
Dibenzenofuran
Concen: 41.310 ng
RT: 9.85 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Instrument :
BNA_F
ClientSampleId :
PB120707BS

Tot Ion:168 Resp: 2032783
Ion Ratio Lower Upper
168 100
139 40.2 31.1 46.7
169 14.8 11.3 16.9

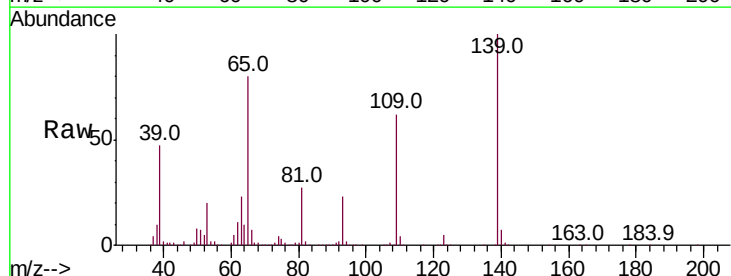


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

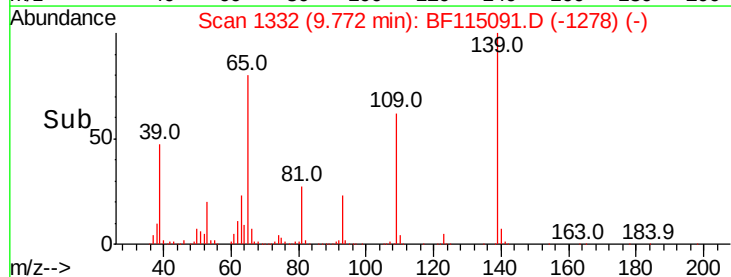
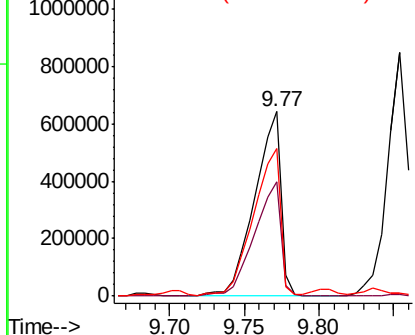


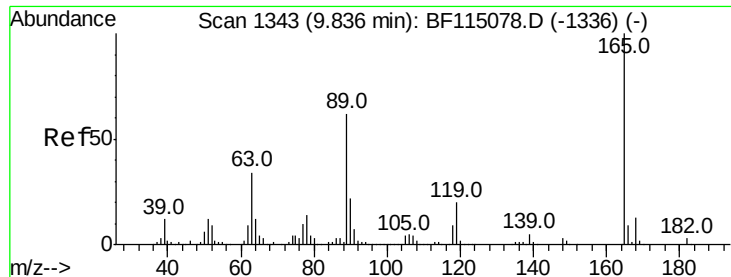
#56
4-Nitrophenol
Concen: 85.950 ng
RT: 9.77 min Scan# 1332
Delta R.T. 0.02 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Tgt Ion:139 Resp: 773874
Ion Ratio Lower Upper
139 100
109 62.3 43.0 83.0
65 80.2 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

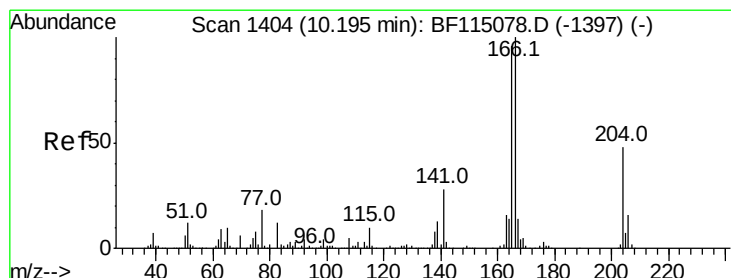
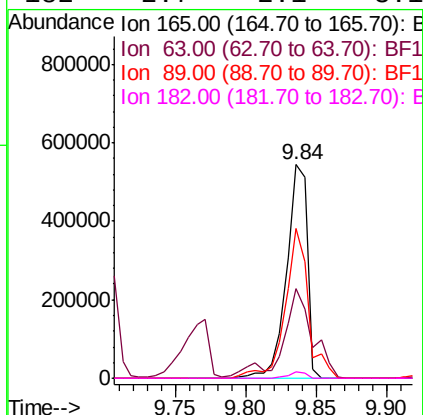
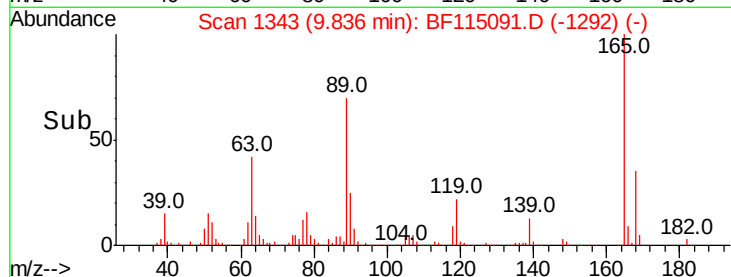
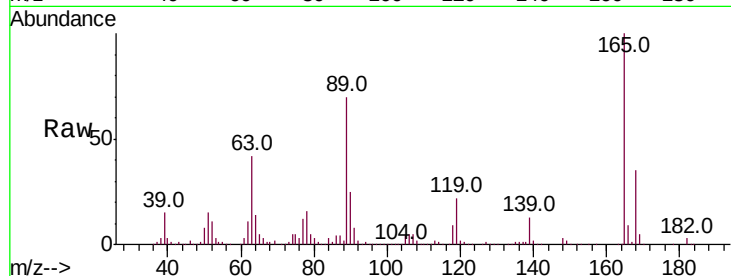




#57
2,4-Dinitrotoluene
Concen: 46.890 ng
RT: 9.84 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

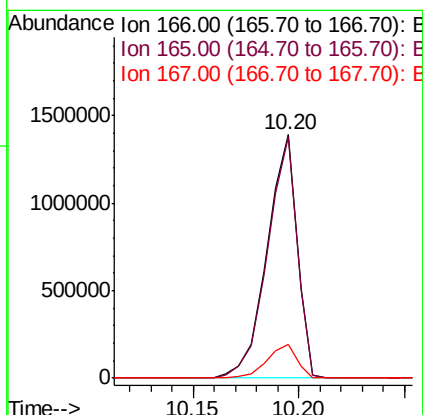
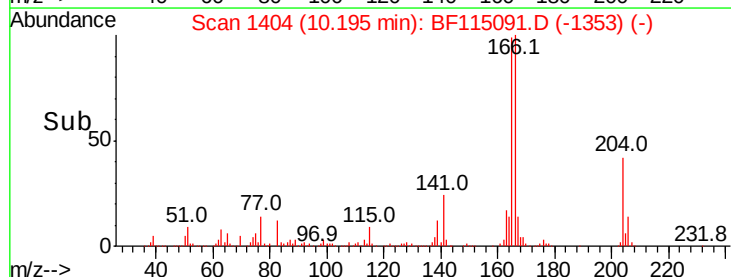
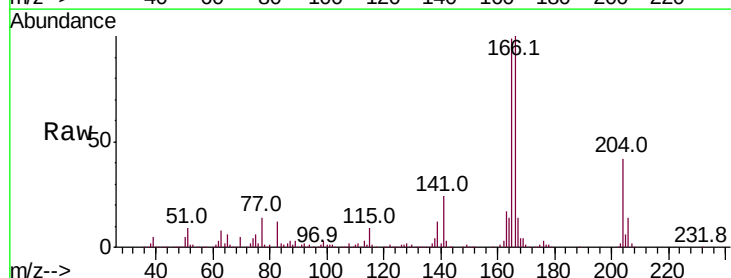
Instrument :
BNA_F
ClientSampleId :
PB120707BS

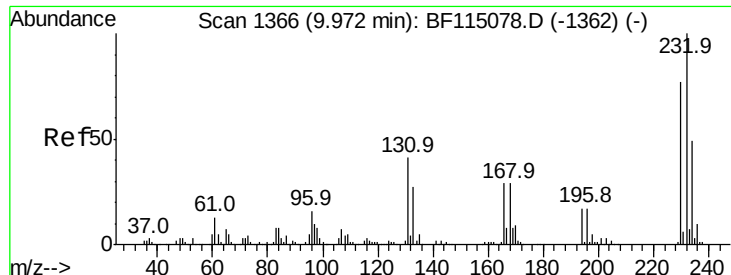
Tot Ion:	165	Resp:	557195
Ion	Ratio	Lower	Upper
165	100		
63	41.9	27.5	41.3#
89	70.4	49.9	74.9
182	2.7	2.1	3.1



#58
Fluorene
Concen: 41.499 ng
RT: 10.20 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Tgt Ion:	166	Resp:	1376404
Ion	Ratio	Lower	Upper
166	100		
165	98.9	76.5	114.7
167	13.8	11.0	16.4

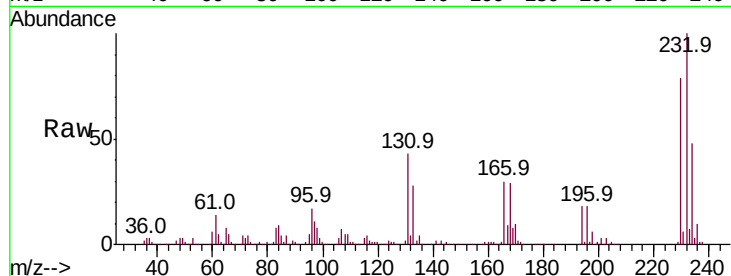




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.521 ng
 RT: 9.97 min Scan# 1366
 Delta R.T. -0.00 min
 Lab File: BF115091.D
 Acq: 21 Jun 2019 21:25

Instrument :
 BNA_F
 ClientSampleId :
 PB120707BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.3	37.4	56.0
130	2.2	1.8	2.6
166	30.4	24.6	36.8



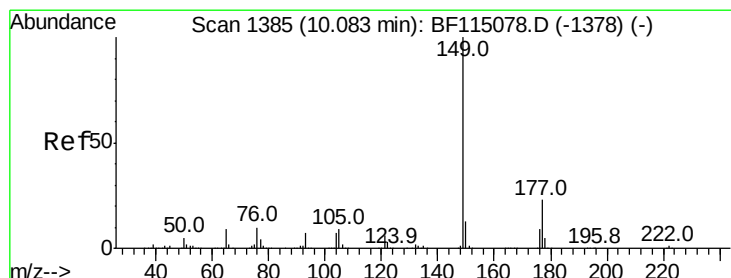
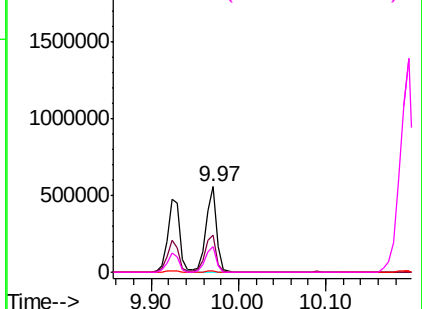
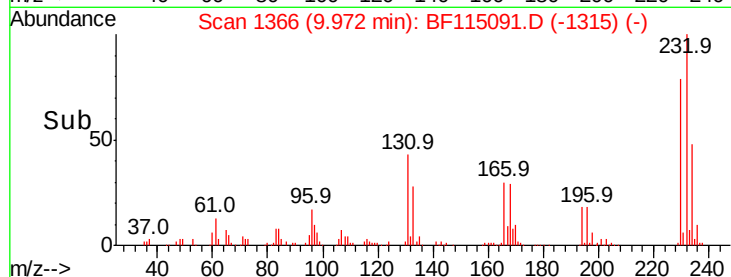
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

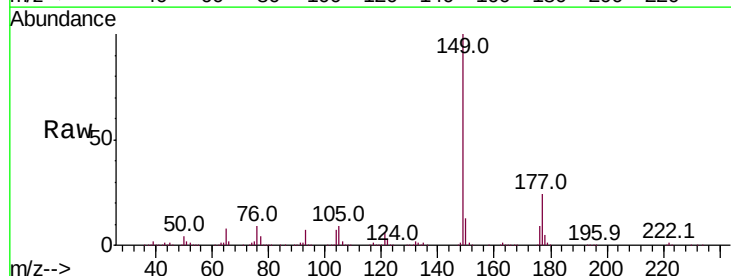
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 43.461 ng
 RT: 10.09 min Scan# 1386
 Delta R.T. 0.01 min
 Lab File: BF115091.D
 Acq: 21 Jun 2019 21:25

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.2	18.7	28.1
150	13.0	10.4	15.6

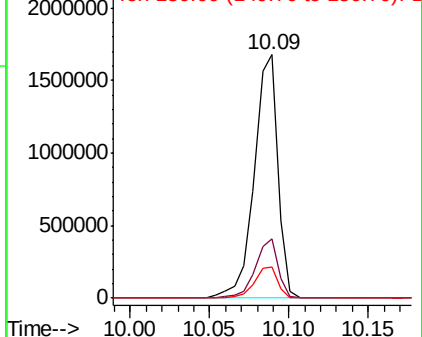
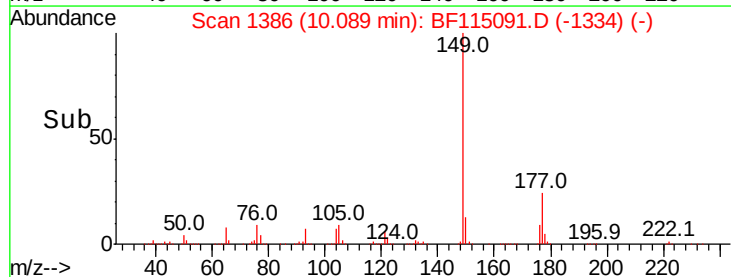


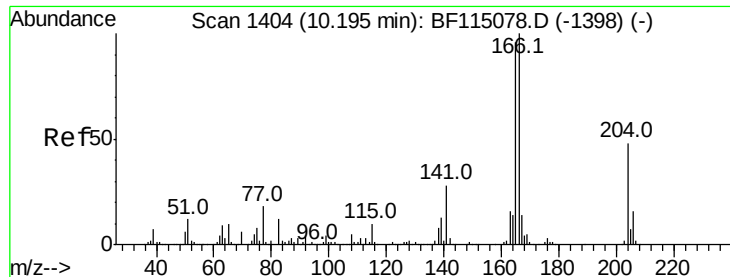
Abundance

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

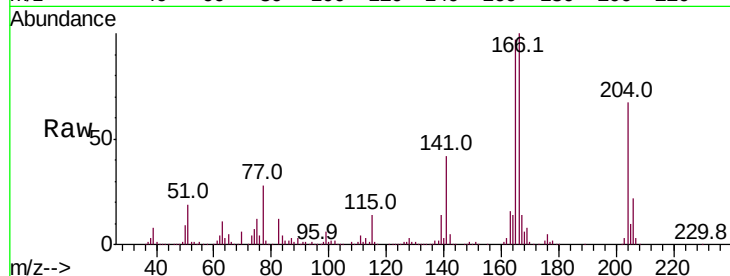




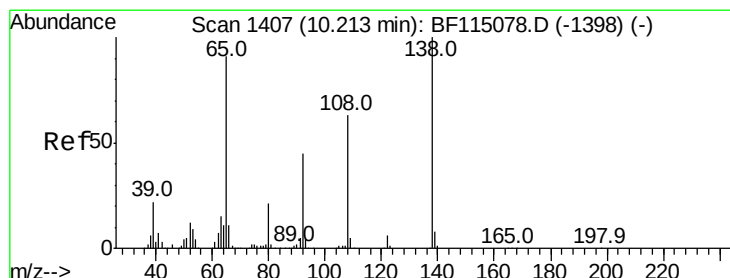
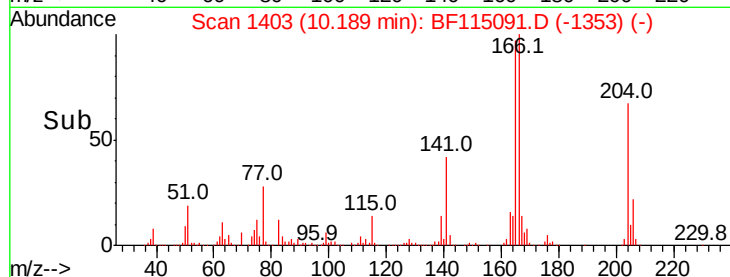
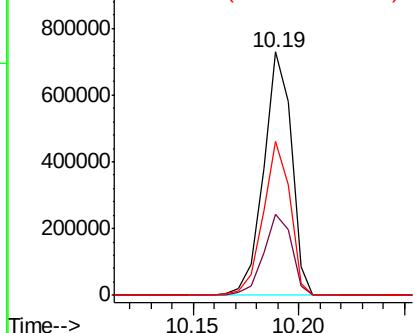
#61
4-Chlorophenyl-phenylether
Concen: 42.675 ng
RT: 10.19 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Instrument :
BNA_F
ClientSampleId :
PB120707BS

Tot Ion:204 Resp: 669894
Ion Ratio Lower Upper
204 100
206 33.2 26.6 40.0
141 63.1 46.7 70.1

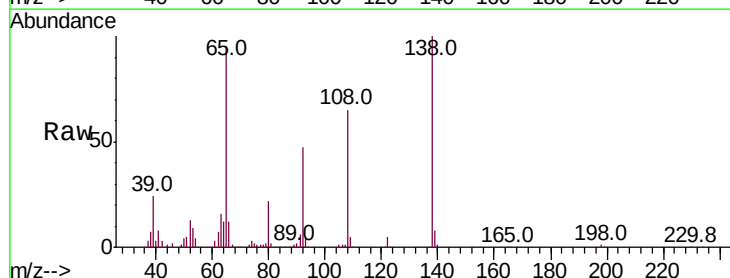


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

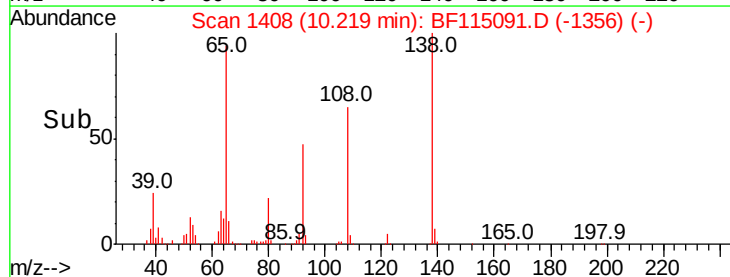
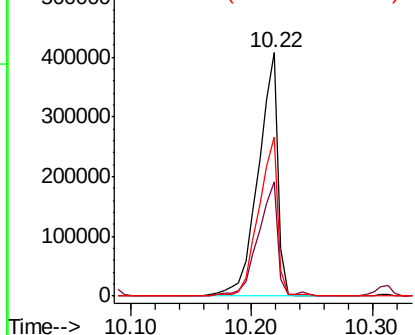


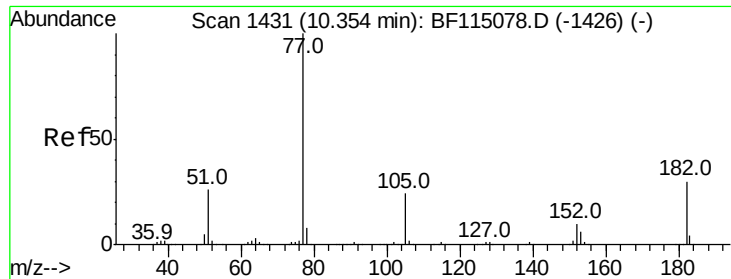
#62
4-Nitroaniline
Concen: 40.950 ng
RT: 10.22 min Scan# 1408
Delta R.T. 0.01 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Tgt Ion:138 Resp: 461368
Ion Ratio Lower Upper
138 100
92 46.8 24.8 64.8
108 65.2 43.3 83.3



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

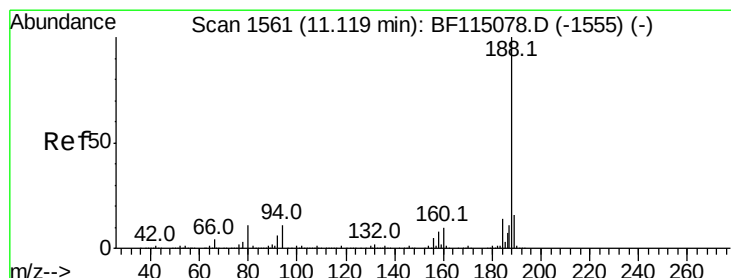
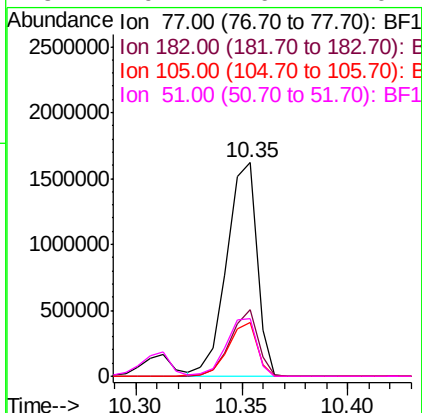
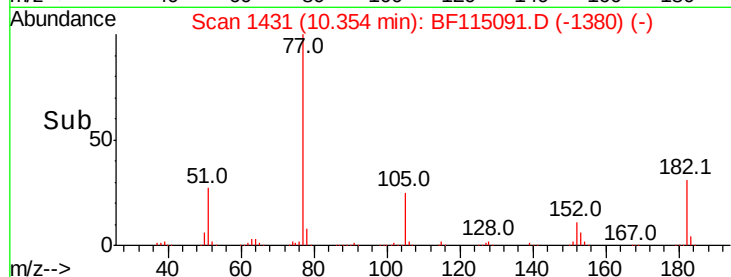
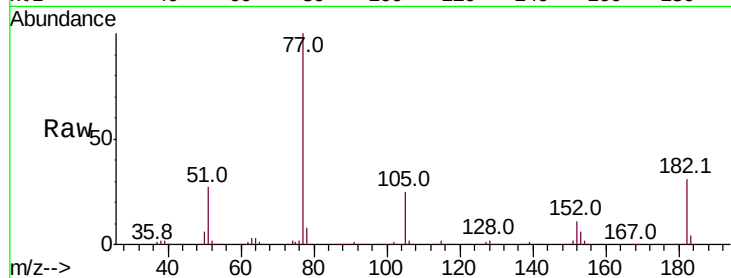




#63
Azobenzene
Concen: 42.879 ng
RT: 10.35 min Scan# 1431
Delta R.T. -0.00 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

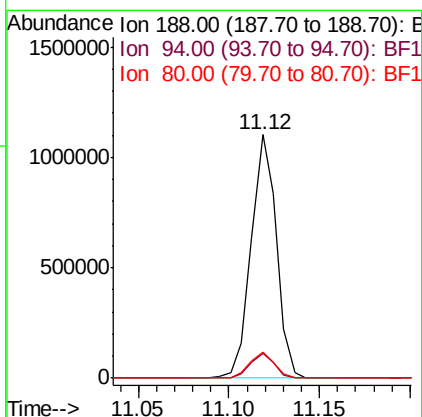
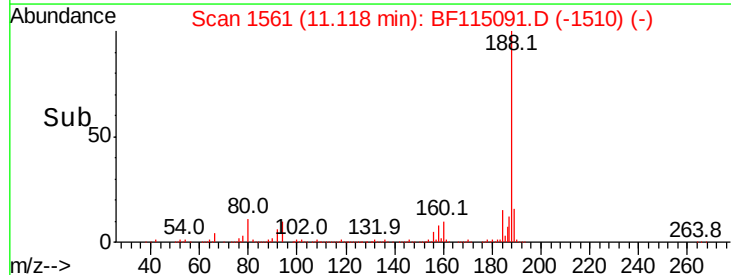
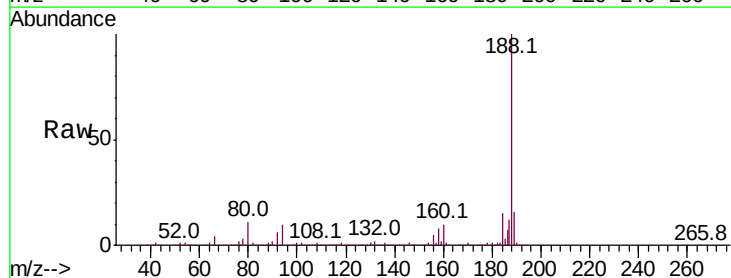
Instrument :
BNA_F
ClientSampleId :
PB120707BS

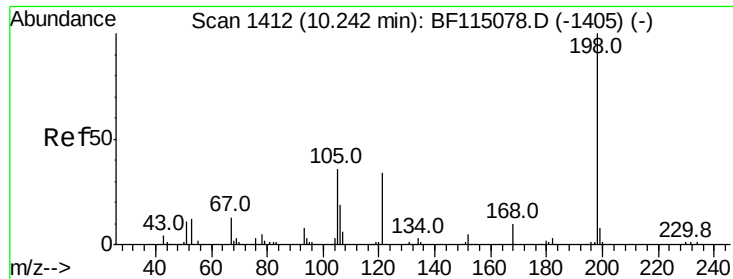
Tot Ion: 77 Resp: 1604850
Ion Ratio Lower Upper
77 100
182 30.9 10.1 50.1
105 25.0 4.5 44.5
51 26.7 6.4 46.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.12 min Scan# 1561
Delta R.T. -0.00 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Tgt Ion: 188 Resp: 1063063
Ion Ratio Lower Upper
188 100
94 10.2 8.6 12.8
80 10.9 8.8 13.2





#65

4,6-Dinitro-2-methylphenol

Concen: 46.351 ng

RT: 10.24 min Scan# 1412

Delta R.T. 0.00 min

Lab File: BF115091.D

Acq: 21 Jun 2019 21:25

Instrument :

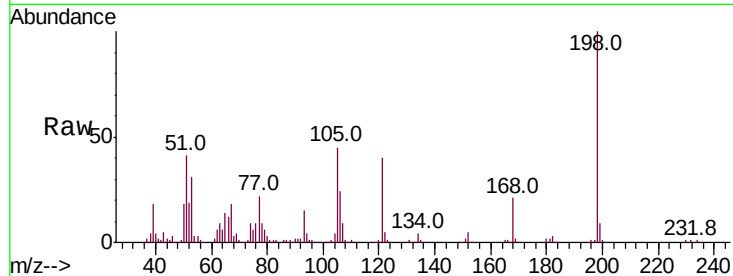
BNA_F

ClientSampleId :

PB120707BS

Tot Ion:198 Resp: 261107

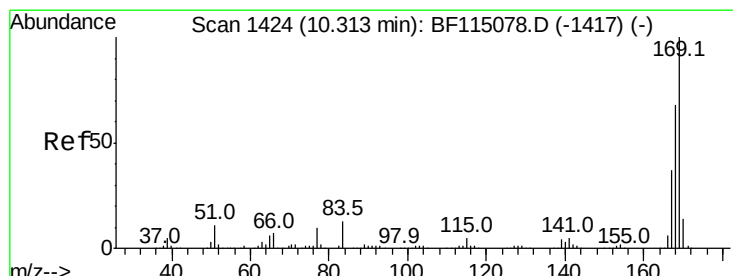
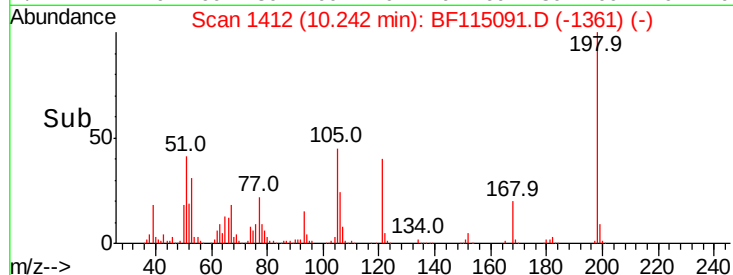
Ion	Ratio	Lower	Upper
198	100		
51	41.3	11.0	51.0
105	44.7	17.3	57.3



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: 43.641 ng

RT: 10.31 min Scan# 1424

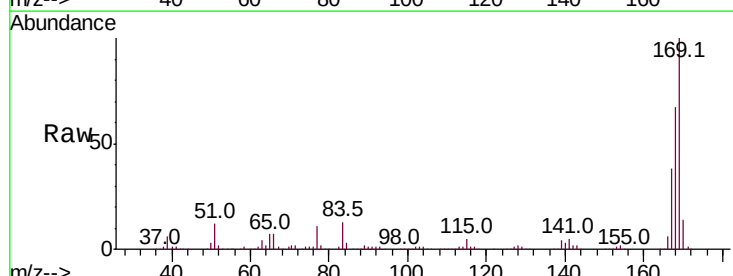
Delta R.T. -0.00 min

Lab File: BF115091.D

Acq: 21 Jun 2019 21:25

Tgt Ion:169 Resp: 1445358

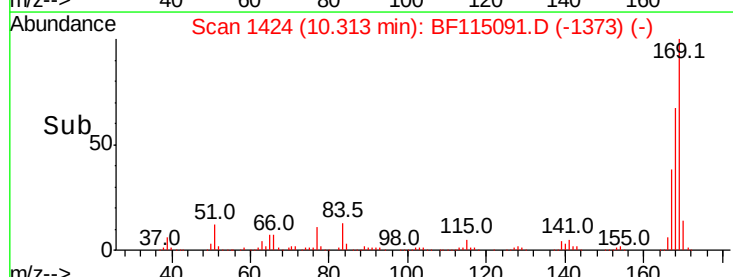
Ion	Ratio	Lower	Upper
169	100		
168	67.0	54.2	81.4
167	37.6	29.4	44.0

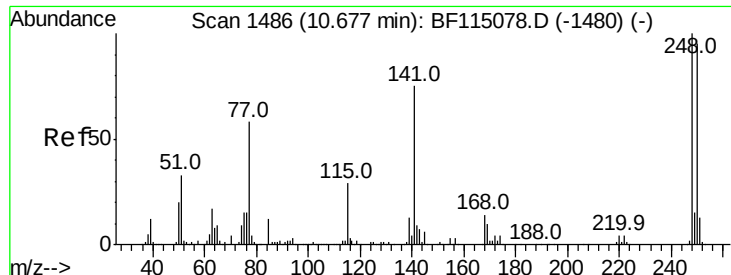


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

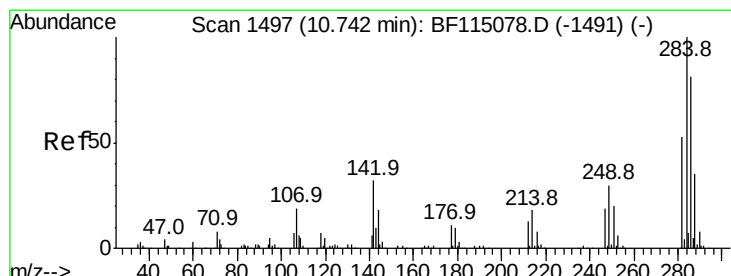
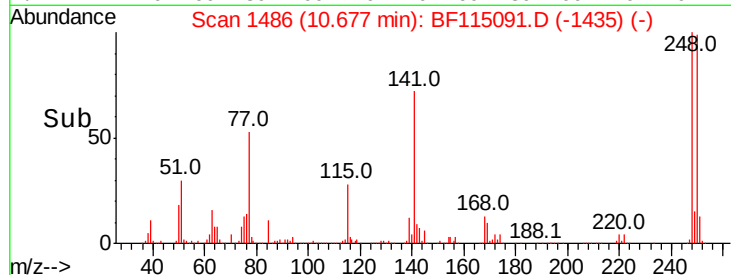
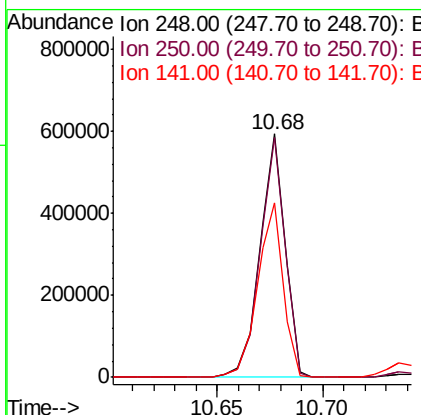
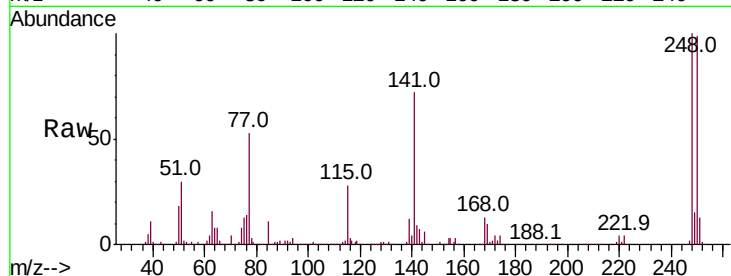




#67
 4-Bromophenyl-phenylether
 Concen: 42.766 ng
 RT: 10.68 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: BF115091.D
 Acq: 21 Jun 2019 21:25

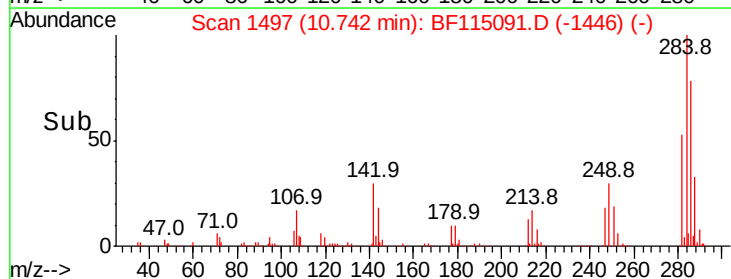
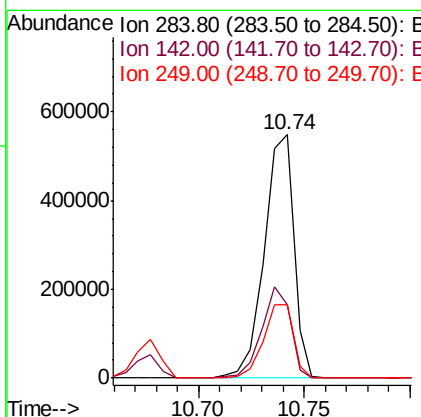
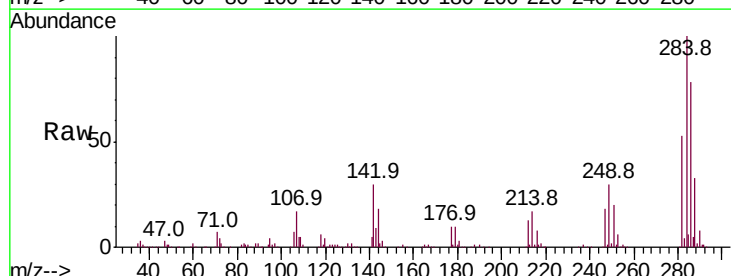
Instrument :
 BNA_F
 ClientSampleId :
 PB120707BS

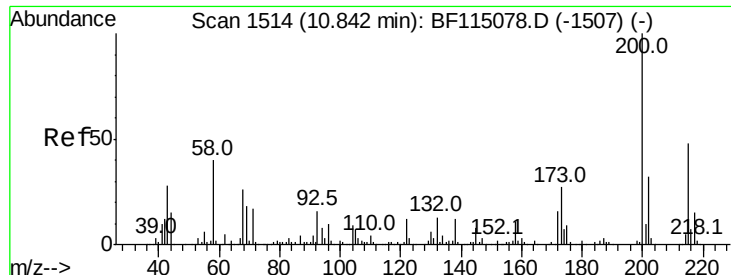
Tot Ion:	248	Resp:	492915
Ion	Ratio	Lower	Upper
248	100		
250	98.7	76.2	114.2
141	71.7	59.6	89.4



#68
 Hexachlorobenzene
 Concen: 42.827 ng
 RT: 10.74 min Scan# 1497
 Delta R.T. -0.00 min
 Lab File: BF115091.D
 Acq: 21 Jun 2019 21:25

Tgt Ion:	284	Resp:	535787
Ion	Ratio	Lower	Upper
284	100		
142	30.4	25.8	38.8
249	30.3	24.2	36.4

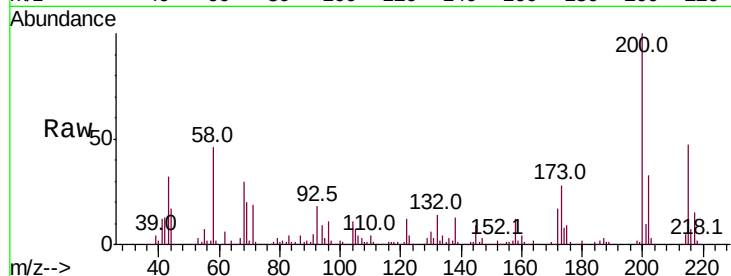




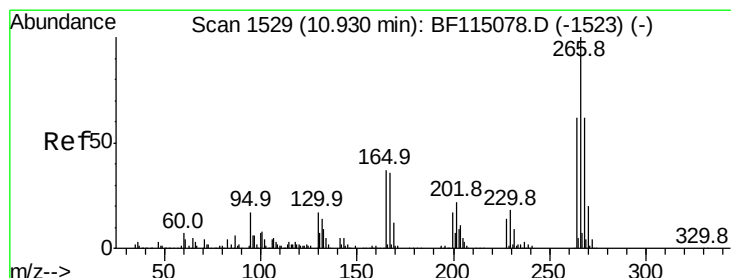
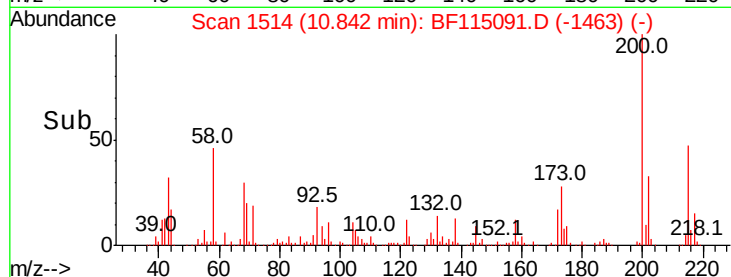
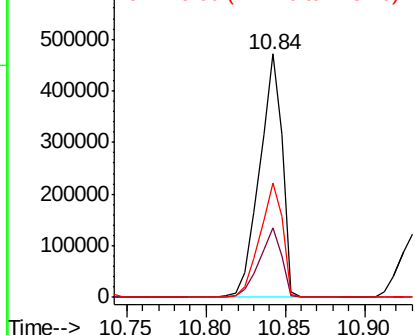
#69
Atrazine
Concen: 44.444 ng
RT: 10.84 min Scan# 1514
Delta R.T. -0.00 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Instrument :
BNA_F
ClientSampleId :
PB120707BS

Tot Ion:200 Resp: 473501
Ion Ratio Lower Upper
200 100
173 28.5 7.4 47.4
215 47.2 27.8 67.8

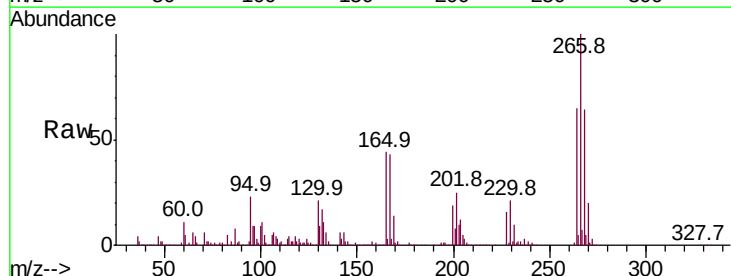


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

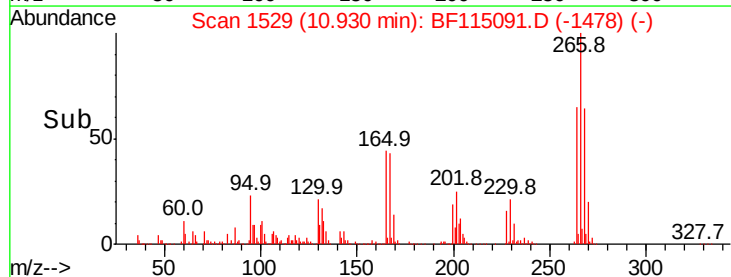
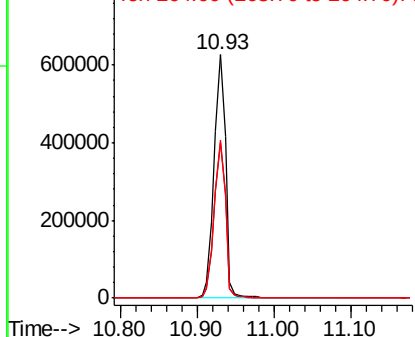


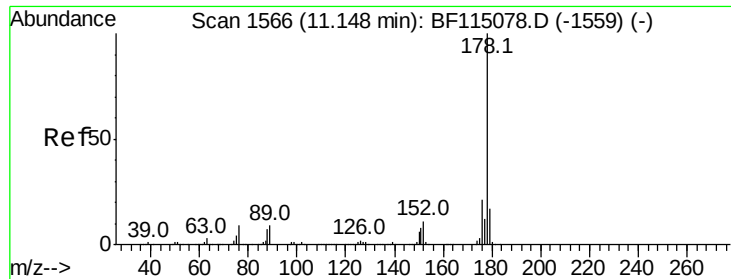
#70
Pentachlorophenol
Concen: 80.116 ng
RT: 10.93 min Scan# 1529
Delta R.T. -0.00 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Tgt Ion:266 Resp: 638533
Ion Ratio Lower Upper
266 100
268 63.8 49.5 74.3
264 64.9 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: 40.296 ng

RT: 11.15 min Scan# 1566

Delta R.T. -0.00 min

Lab File: BF115091.D

Acq: 21 Jun 2019 21:25

Instrument :

BNA_F

ClientSampleId :

PB120707BS

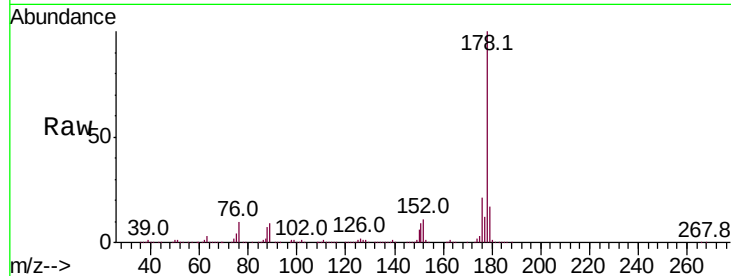
Tot Ion:178 Resp: 2306433

Ion Ratio Lower Upper

178 100

176 21.3 16.9 25.3

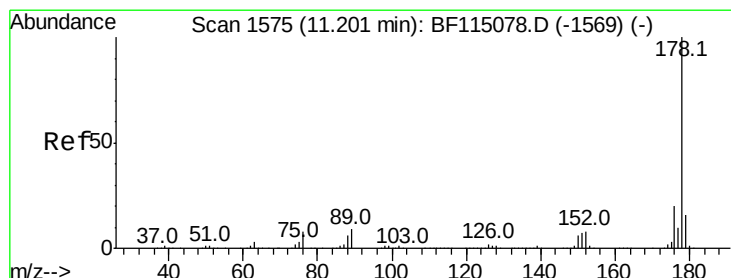
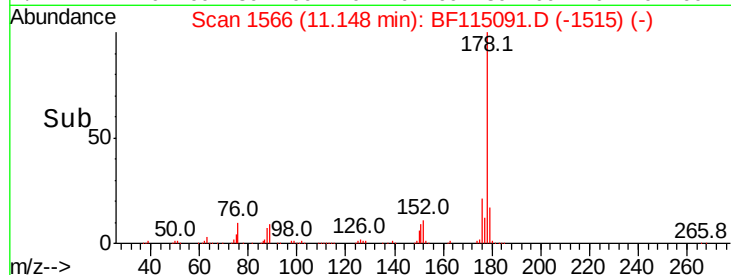
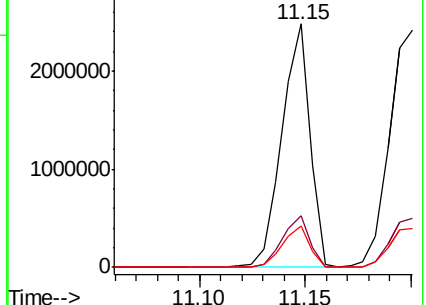
179 17.0 13.2 19.8



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: 41.015 ng

RT: 11.20 min Scan# 1575

Delta R.T. -0.00 min

Lab File: BF115091.D

Acq: 21 Jun 2019 21:25

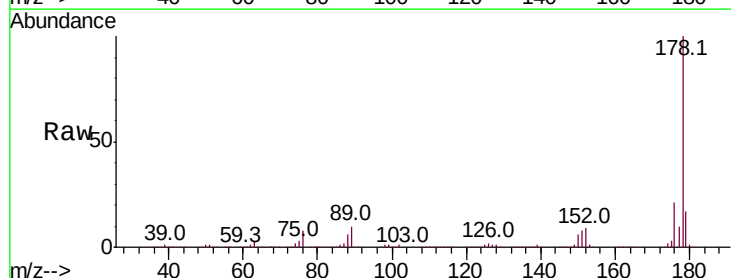
Tgt Ion:178 Resp: 2369699

Ion Ratio Lower Upper

178 100

176 20.7 16.1 24.1

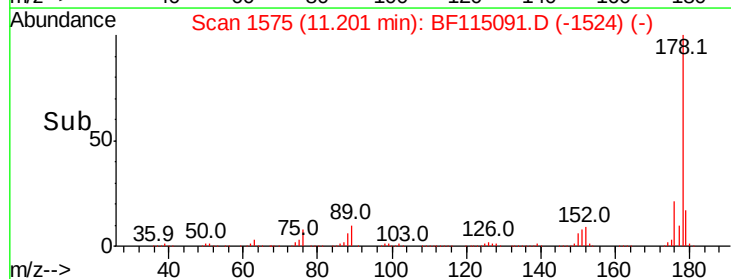
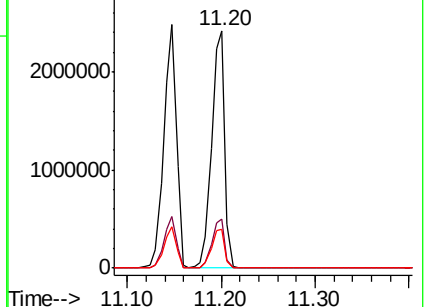
179 16.6 12.9 19.3

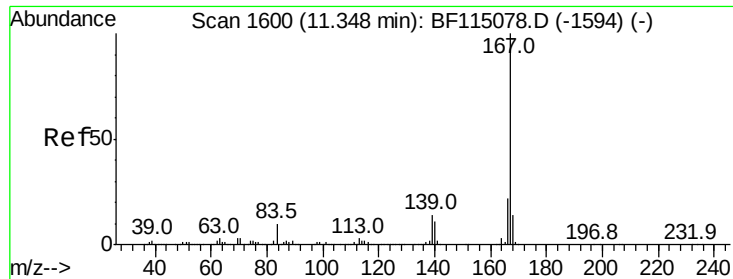


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



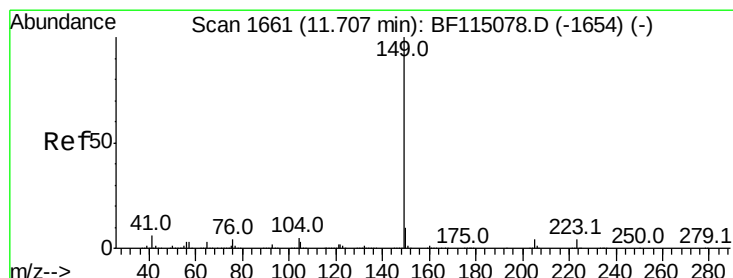
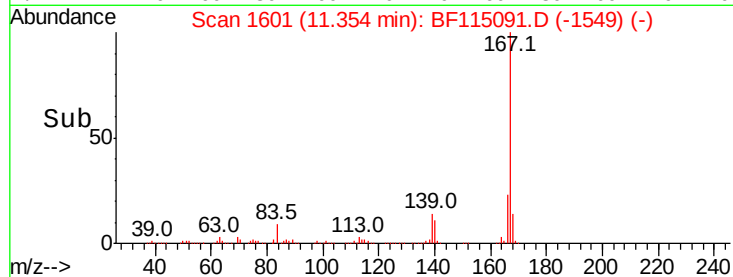
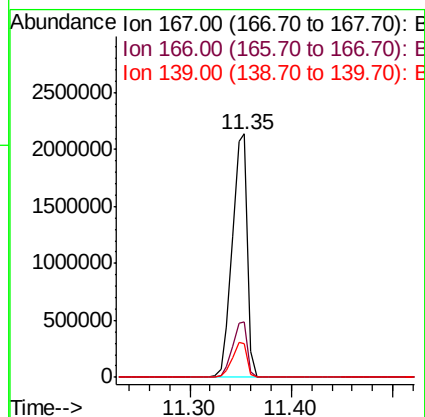
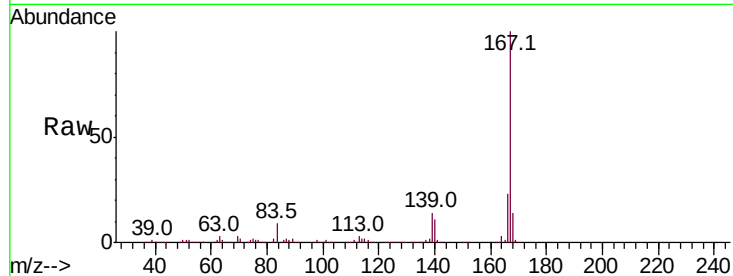


#73
 Carbazole
 Concen: 42.681 ng
 RT: 11.35 min Scan# 1601
 Delta R.T. 0.01 min
 Lab File: BF115091.D
 Acq: 21 Jun 2019 21:25

Instrument :
 BNA_F
 ClientSampleId :
 PB120707BS

Tot Ion:167 Resp: 2202009

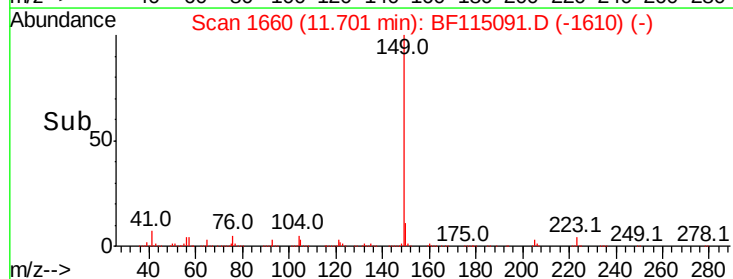
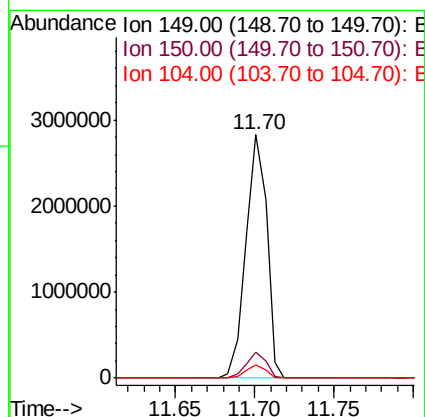
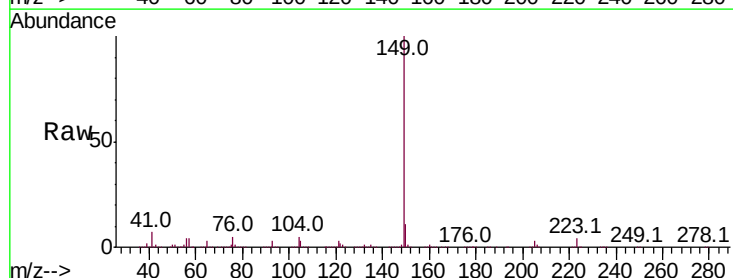
Ion	Ratio	Lower	Upper
167	100		
166	22.8	18.0	27.0
139	13.7	11.1	16.7

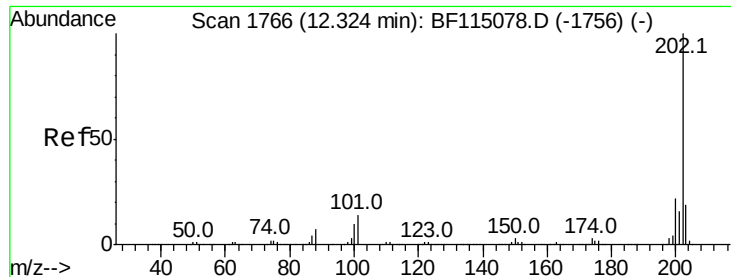


#74
 Di-n-butylphthalate
 Concen: 43.295 ng
 RT: 11.70 min Scan# 1660
 Delta R.T. -0.01 min
 Lab File: BF115091.D
 Acq: 21 Jun 2019 21:25

Tgt Ion:149 Resp: 2581189

Ion	Ratio	Lower	Upper
149	100		
150	10.6	7.8	11.8
104	5.2	3.7	5.5

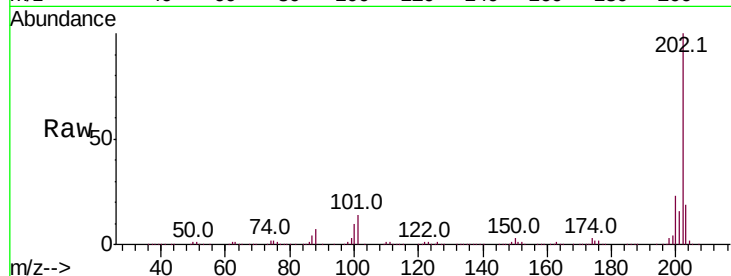




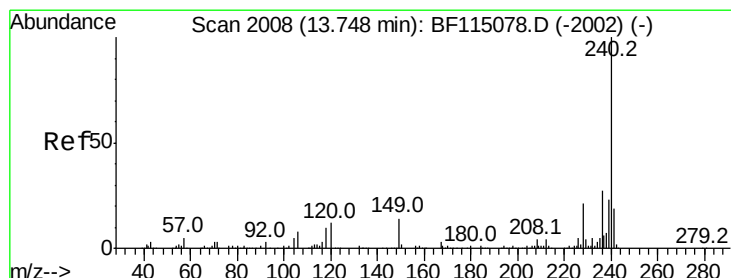
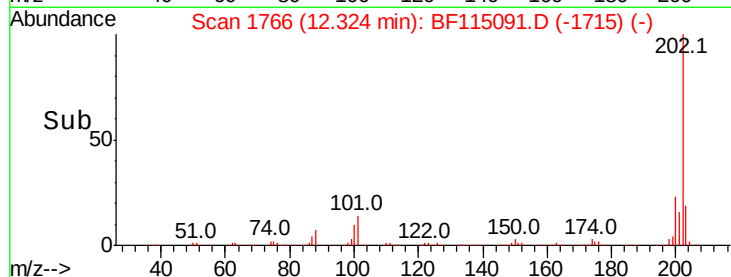
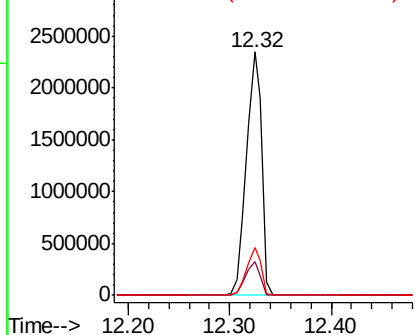
#75
 Fluoranthene
 Concen: 43.112 ng
 RT: 12.32 min Scan# 1766
 Delta R.T. -0.00 min
 Lab File: BF115091.D
 Acq: 21 Jun 2019 21:25

Instrument :
 BNA_F
 ClientSampleId :
 PB120707BS

Tot Ion:202 Resp: 2462045
 Ion Ratio Lower Upper
 202 100
 101 13.9 0.0 34.0
 203 19.4 0.0 38.8

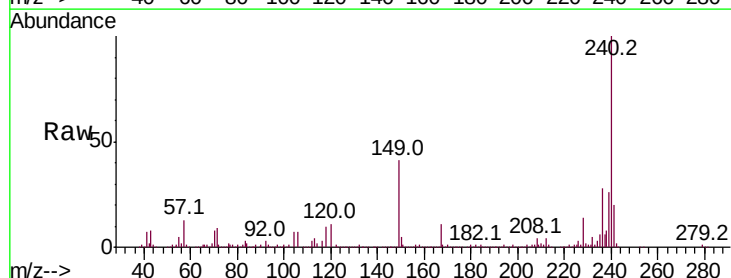


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

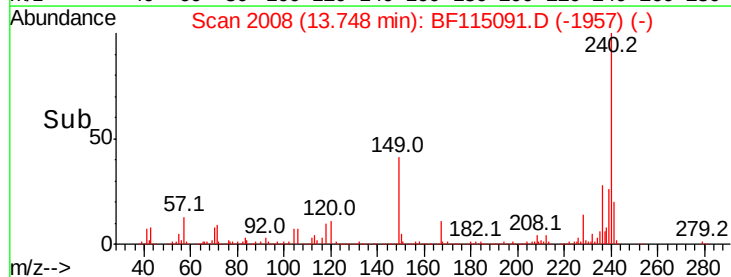
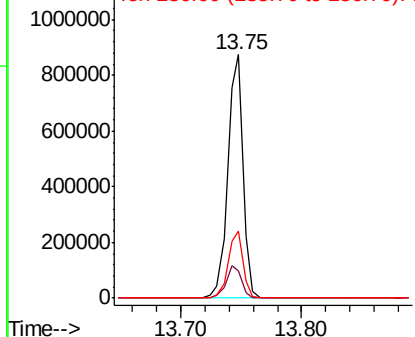


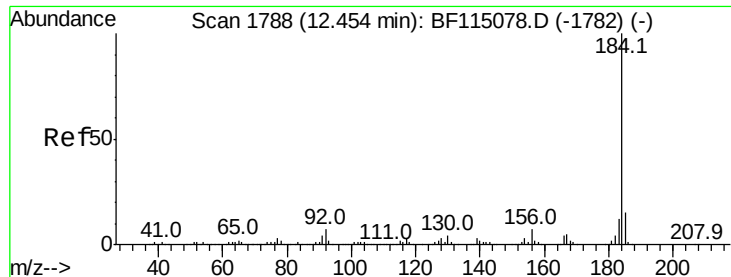
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.75 min Scan# 2008
 Delta R.T. -0.00 min
 Lab File: BF115091.D
 Acq: 21 Jun 2019 21:25

Tgt Ion:240 Resp: 760419
 Ion Ratio Lower Upper
 240 100
 120 11.1 9.4 14.2
 236 27.5 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: 15.815 ng

RT: 12.45 min Scan# 1787

Delta R.T. -0.01 min

Lab File: BF115091.D

Acq: 21 Jun 2019 21:25

Instrument :

BNA_F

ClientSampleId :

PB120707BS

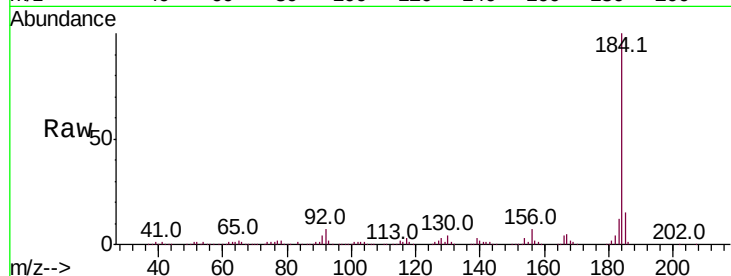
Tot Ion:184 Resp: 533990

Ion Ratio Lower Upper

184 100

185 15.2 12.2 18.2

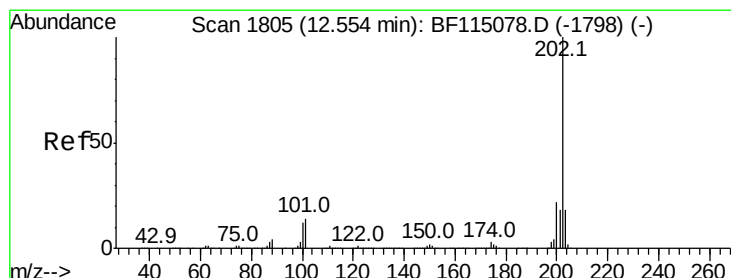
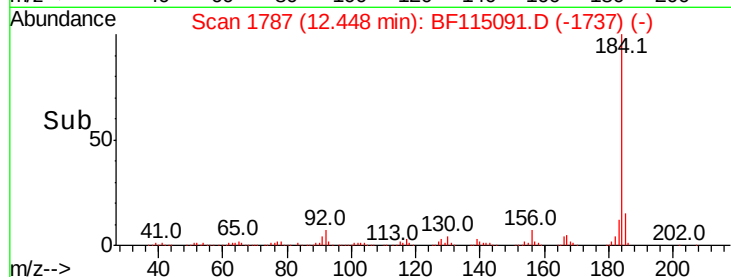
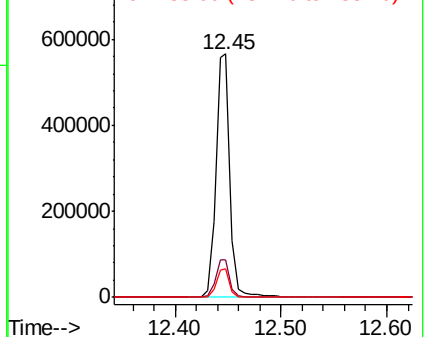
183 11.6 9.6 14.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.157 ng

RT: 12.55 min Scan# 1805

Delta R.T. -0.00 min

Lab File: BF115091.D

Acq: 21 Jun 2019 21:25

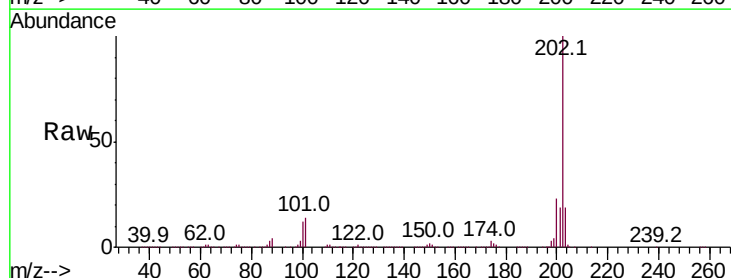
Tgt Ion:202 Resp: 2463610

Ion Ratio Lower Upper

202 100

200 23.3 17.9 26.9

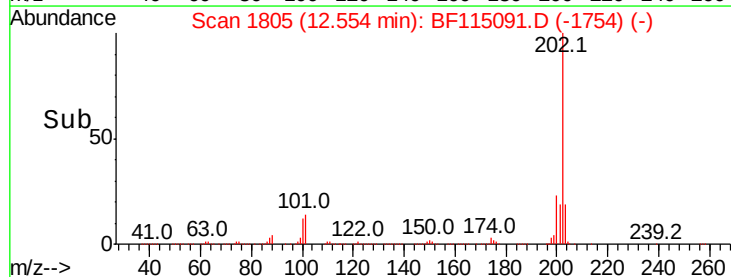
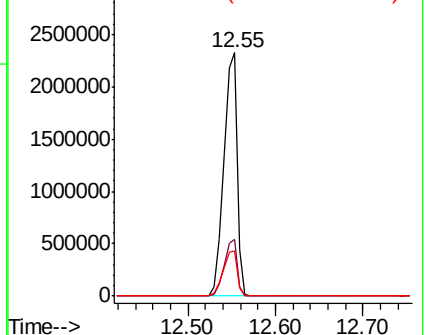
203 18.8 14.6 21.8

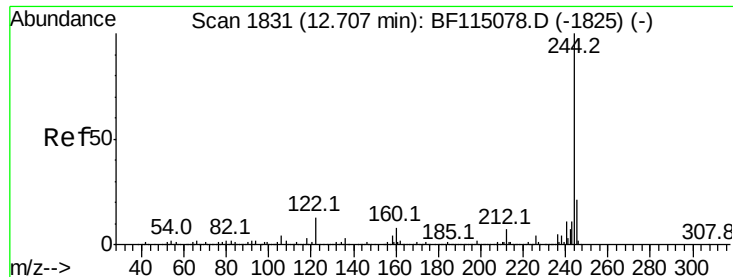


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 87.951 ng

RT: 12.71 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BF115091.D

Acq: 21 Jun 2019 21:25

Instrument :

BNA_F

ClientSampleId :

PB120707BS

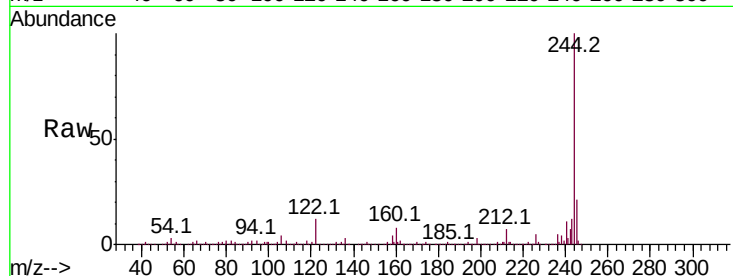
Tot Ion:244 Resp: 3145563

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

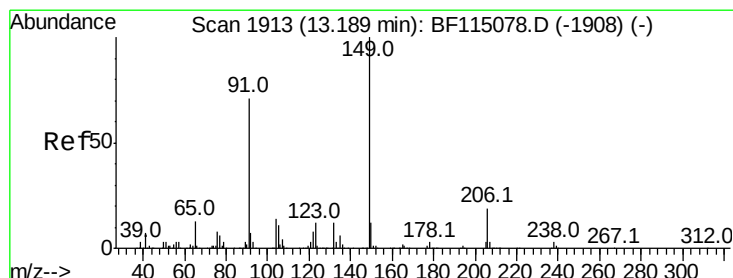
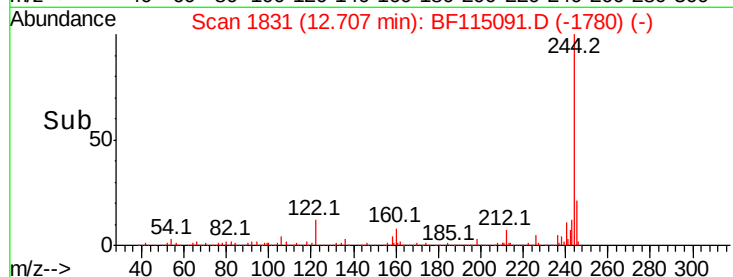
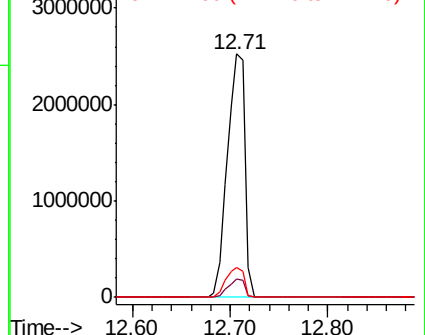
122 12.5 10.4 15.6



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: 46.404 ng

RT: 13.19 min Scan# 1913

Delta R.T. -0.00 min

Lab File: BF115091.D

Acq: 21 Jun 2019 21:25

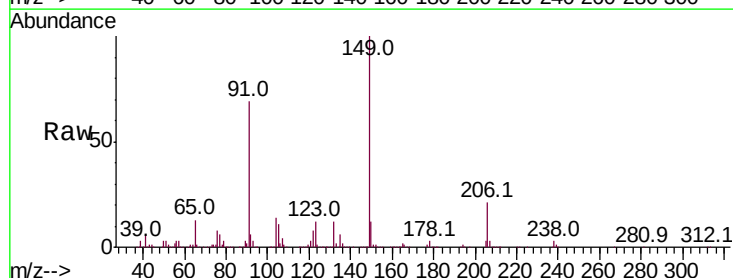
Tgt Ion:149 Resp: 1196734

Ion Ratio Lower Upper

149 100

91 69.1 56.5 84.7

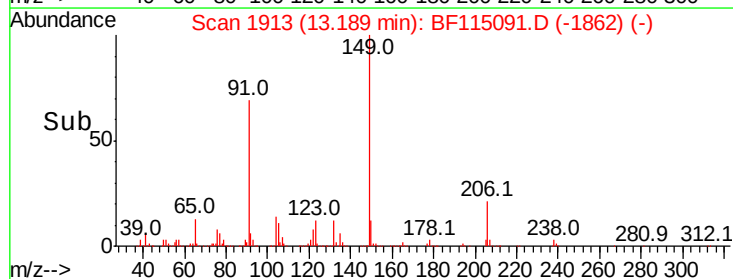
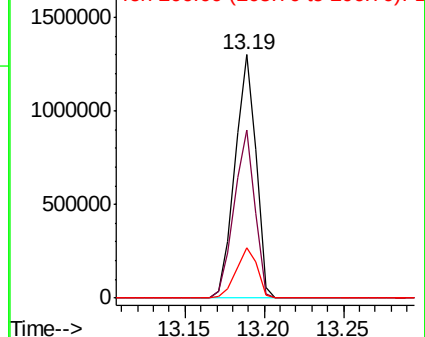
206 20.7 15.3 22.9

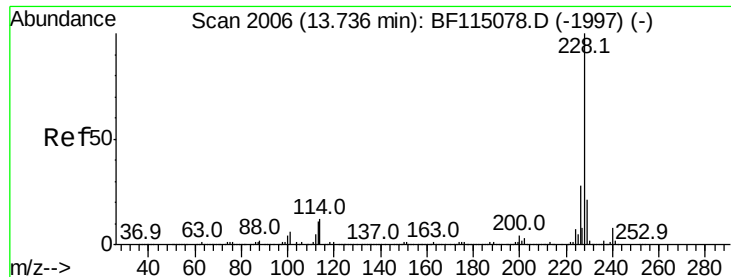


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.085 ng

RT: 13.74 min Scan# 2006

Delta R.T. -0.00 min

Lab File: BF115091.D

Acq: 21 Jun 2019 21:25

Instrument :

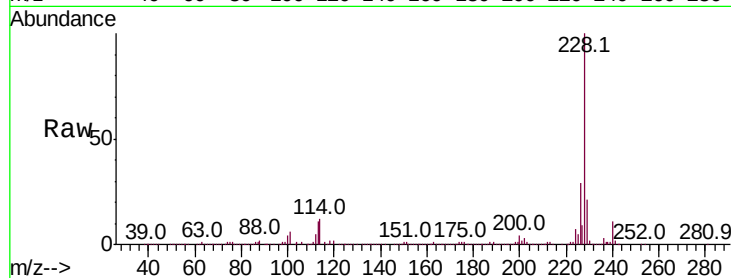
BNA_F

ClientSampleId :

PB120707BS

Tot Ion:228 Resp: 2296287

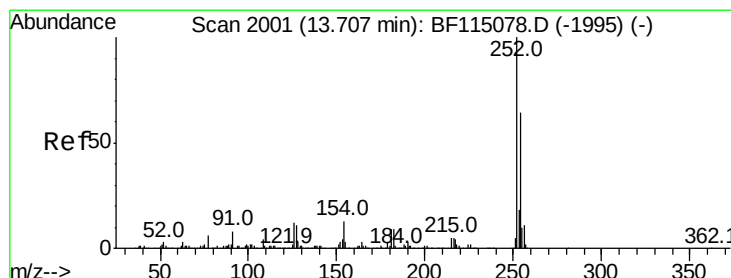
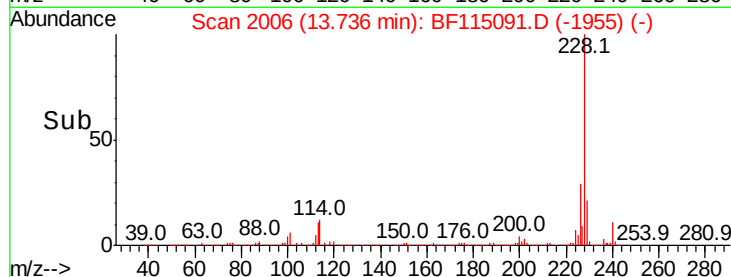
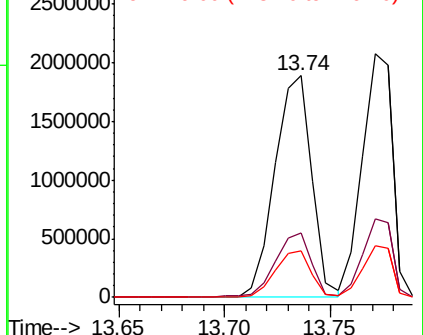
Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.5	33.7
229	21.1	16.6	24.8



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: 28.754 ng

RT: 13.70 min Scan# 2000

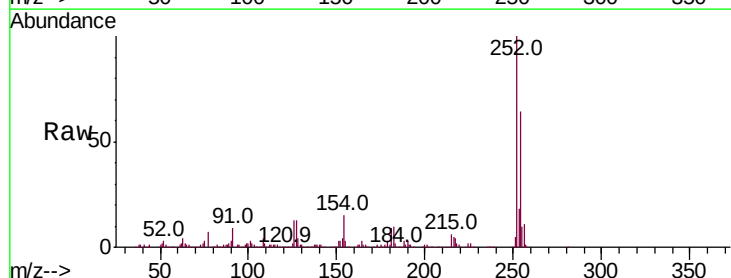
Delta R.T. -0.01 min

Lab File: BF115091.D

Acq: 21 Jun 2019 21:25

Tgt Ion:252 Resp: 566550

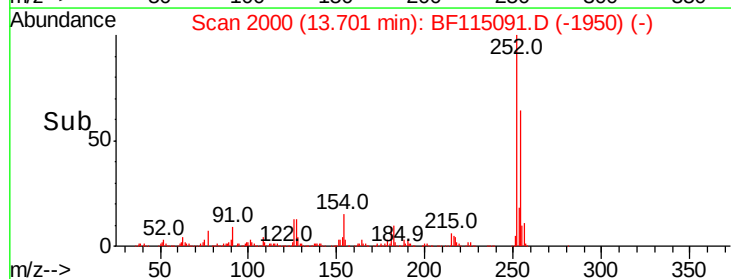
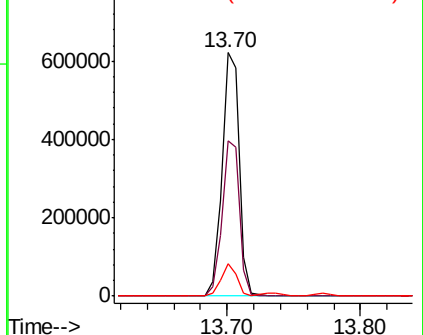
Ion	Ratio	Lower	Upper
252	100		
254	63.7	51.1	76.7
126	13.4	9.4	14.0

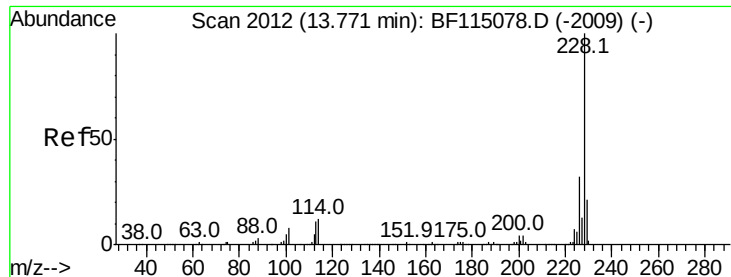


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.706 ng

RT: 13.77 min Scan# 2012

Delta R.T. -0.00 min

Lab File: BF115091.D

Acq: 21 Jun 2019 21:25

Instrument :

BNA_F

ClientSampleId :

PB120707BS

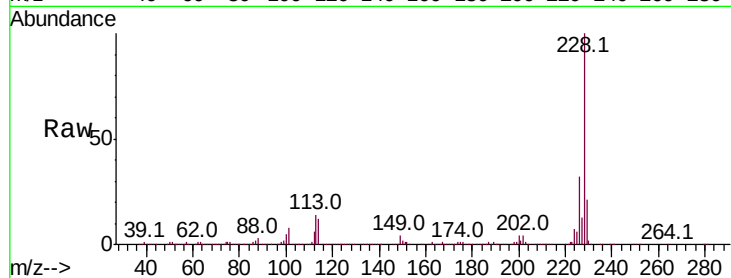
Tot Ion:228 Resp: 2084494

Ion Ratio Lower Upper

228 100

226 32.0 25.4 38.0

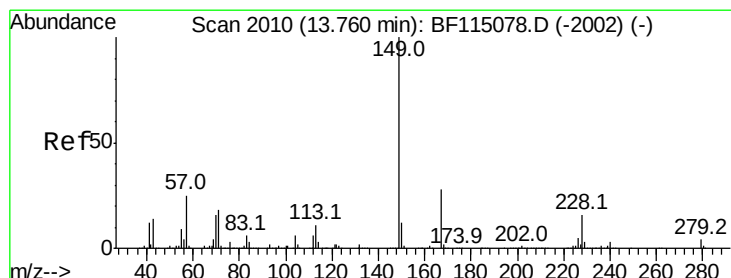
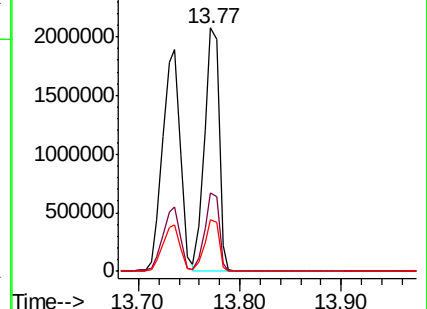
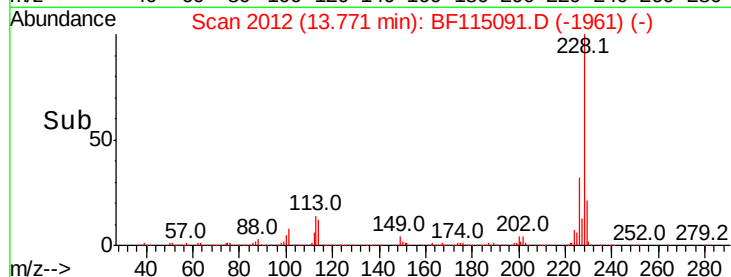
229 21.1 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.488 ng

RT: 13.76 min Scan# 2010

Delta R.T. -0.00 min

Lab File: BF115091.D

Acq: 21 Jun 2019 21:25

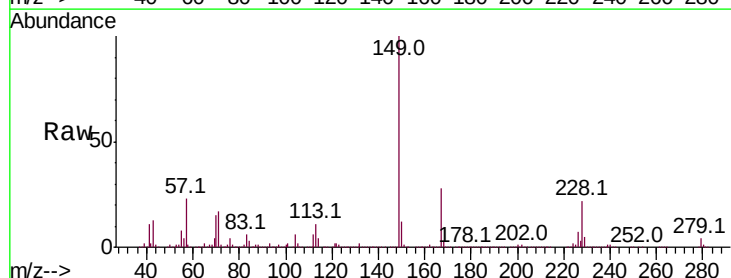
Tgt Ion:149 Resp: 1537159

Ion Ratio Lower Upper

149 100

167 28.0 22.2 33.4

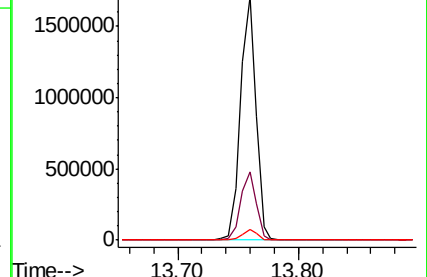
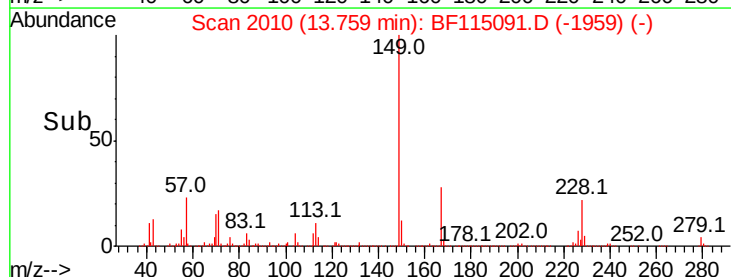
279 4.3 2.9 4.3#

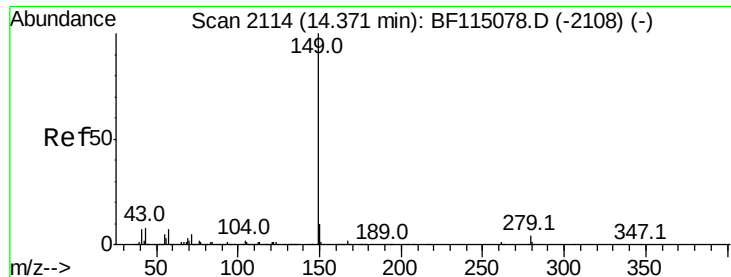


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

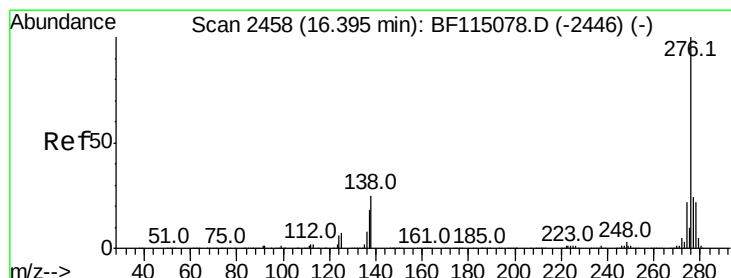
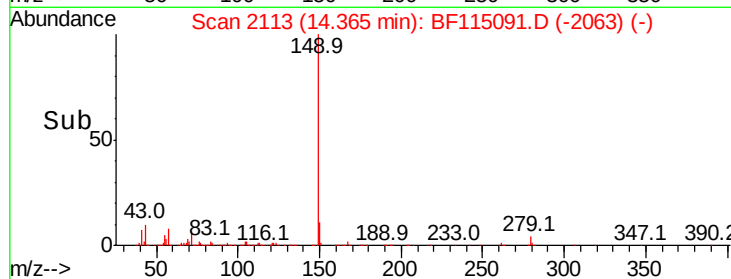
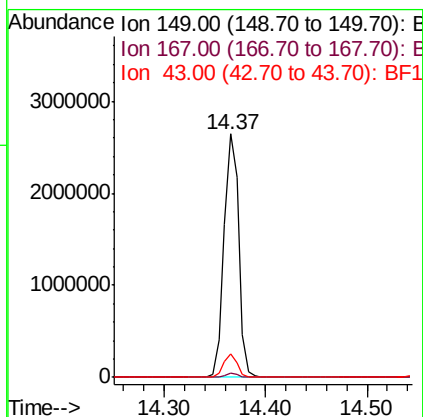
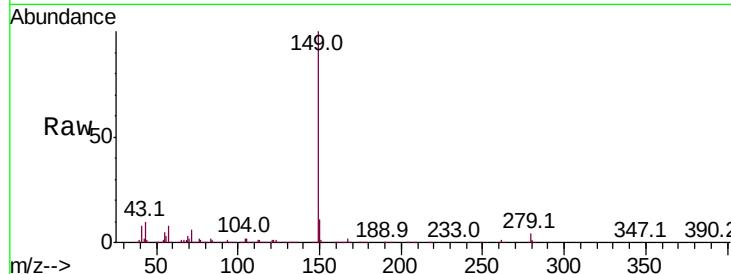




#85
Di-n-octyl phthalate
Concen: 46.533 ng
RT: 14.37 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

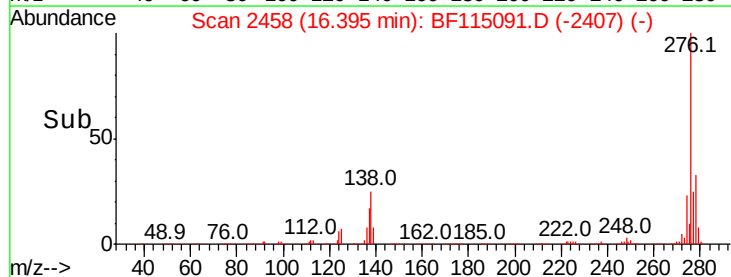
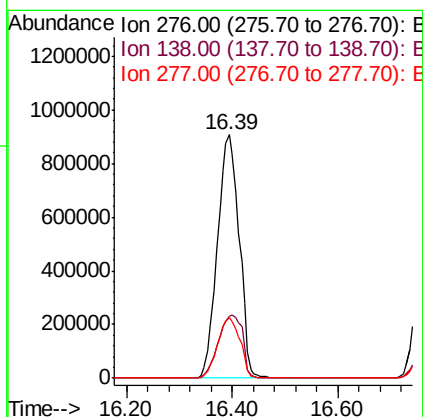
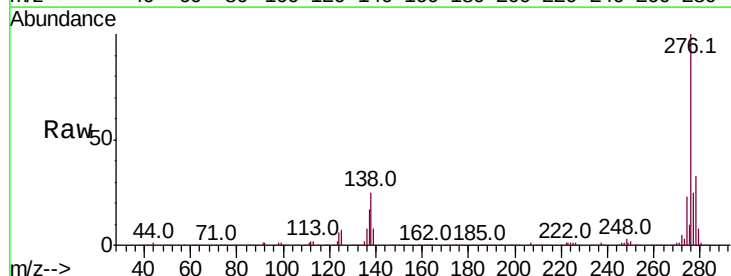
Instrument :
BNA_F
ClientSampleId :
PB120707BS

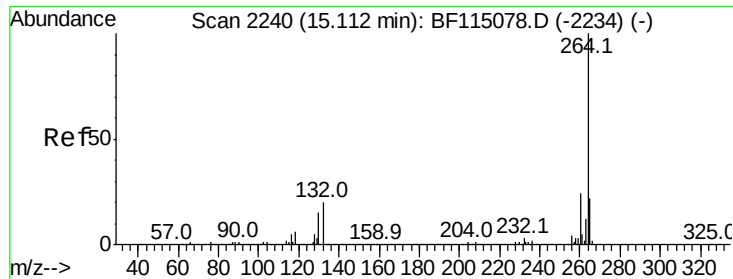
Tot Ion:149 Resp: 2642003
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.1 7.0 10.6



#86
Indeno(1,2,3-cd)pyrene
Concen: 43.814 ng
RT: 16.39 min Scan# 2458
Delta R.T. -0.00 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Tgt Ion:276 Resp: 2591249
Ion Ratio Lower Upper
276 100
138 29.0 23.2 34.8
277 25.6 20.1 30.1





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.11 min Scan# 2239

Delta R.T. -0.01 min

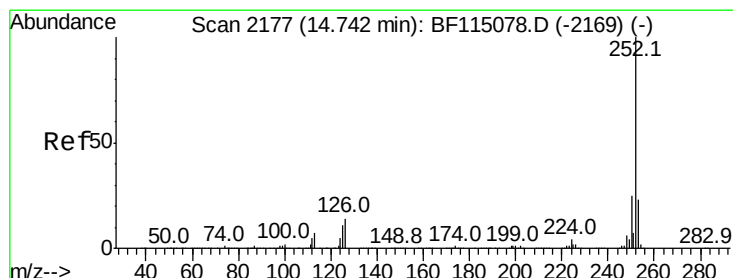
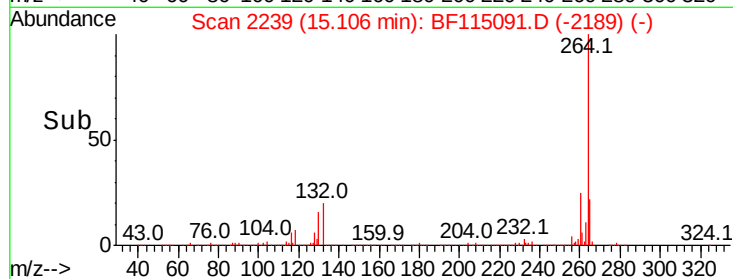
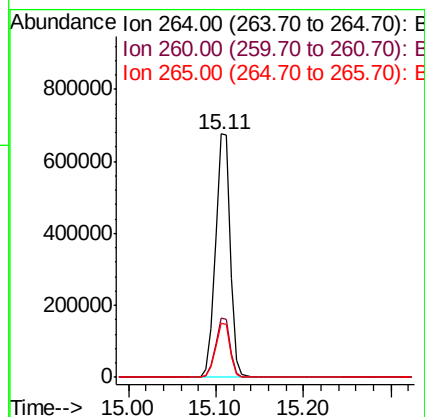
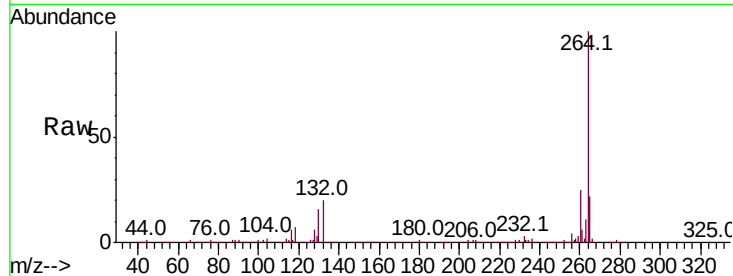
Lab File: BF115091.D

Acq: 21 Jun 2019 21:25

Instrument :
BNA_F
ClientSampleId :
PB120707BS

Tot Ion:264 Resp: 795556

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.6	29.4
265	22.1	17.3	25.9



#88

Benzo(b)fluoranthene

Concen: 46.823 ng

RT: 14.74 min Scan# 2176

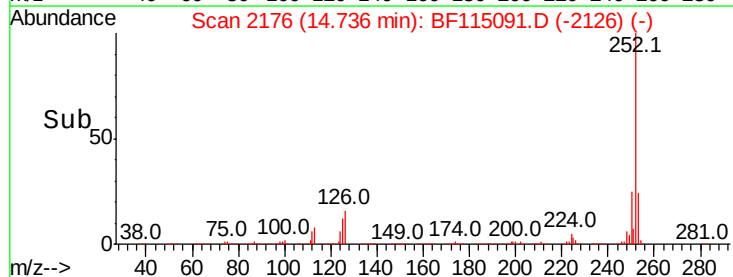
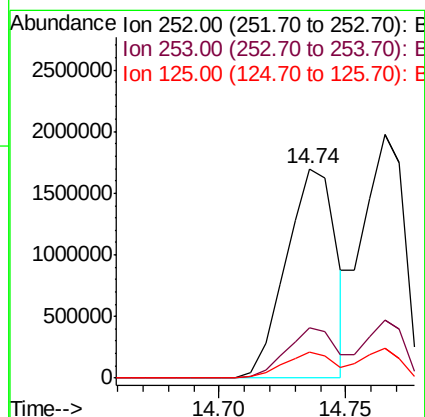
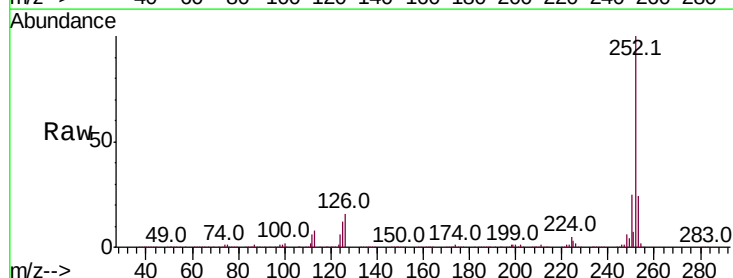
Delta R.T. -0.01 min

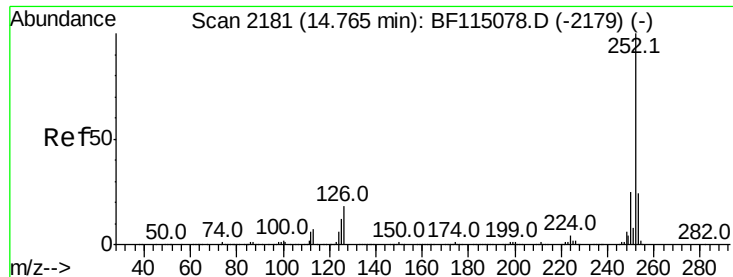
Lab File: BF115091.D

Acq: 21 Jun 2019 21:25

Tgt Ion:252 Resp: 2324289

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.1	27.1
125	12.2	8.7	13.1





#89

Benzo(k)fluoranthene

Concen: 50.765 ng

RT: 14.77 min Scan# 2181

Delta R.T. -0.00 min

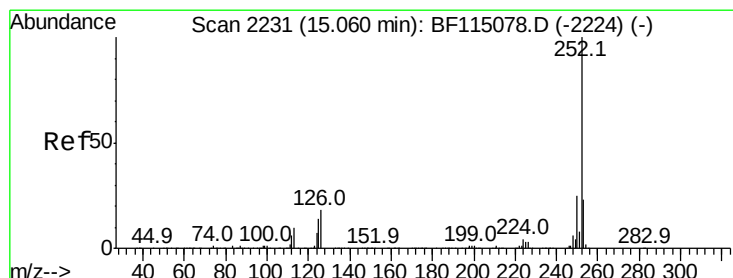
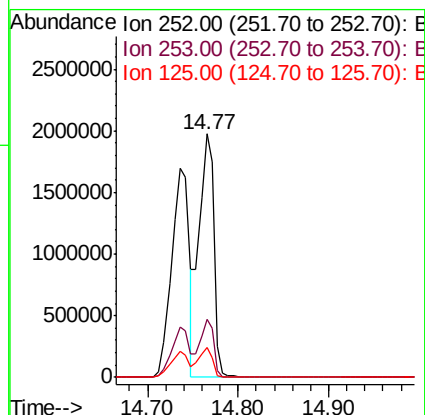
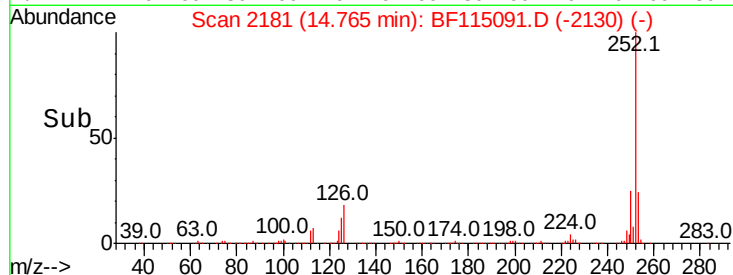
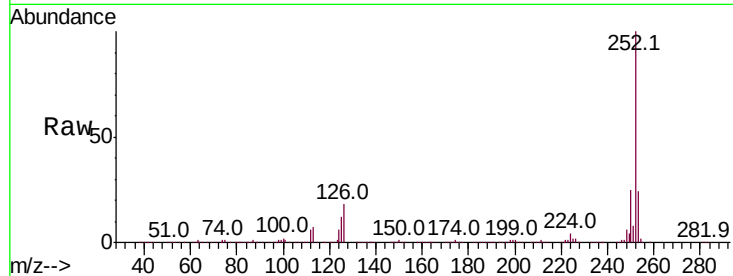
Lab File: BF115091.D

Acq: 21 Jun 2019 21:25

Instrument :
BNA_F
ClientSampleId :
PB120707BS

Tot Ion:252 Resp: 2259886

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.9	28.3
125	12.4	10.2	15.2



#90

Benzo(a)pyrene

Concen: 50.757 ng

RT: 15.06 min Scan# 2231

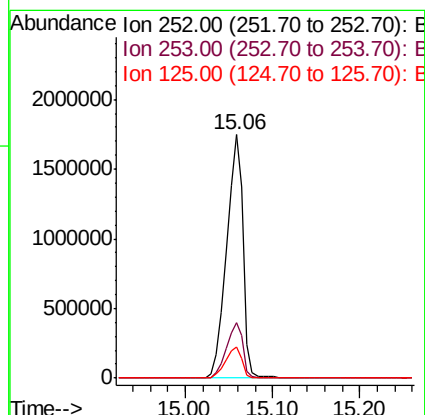
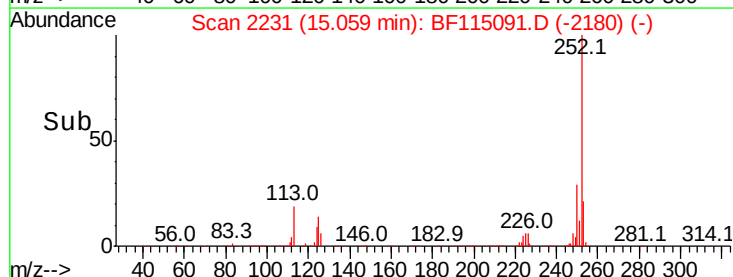
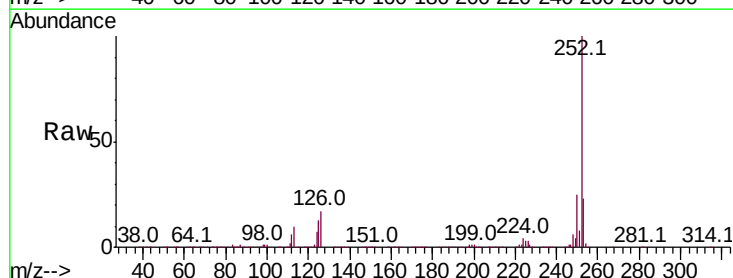
Delta R.T. -0.00 min

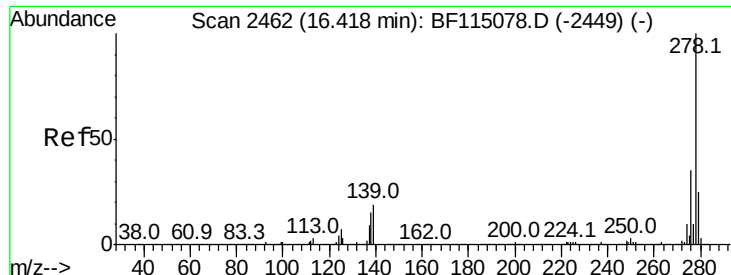
Lab File: BF115091.D

Acq: 21 Jun 2019 21:25

Tgt Ion:252 Resp: 2270970

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.3	27.5
125	13.0	10.9	16.3



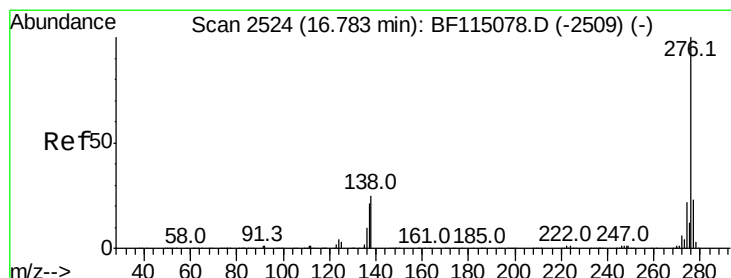
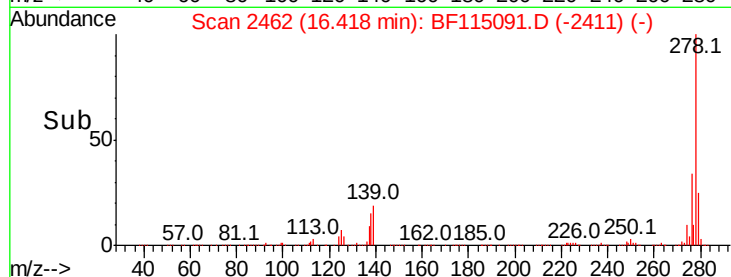
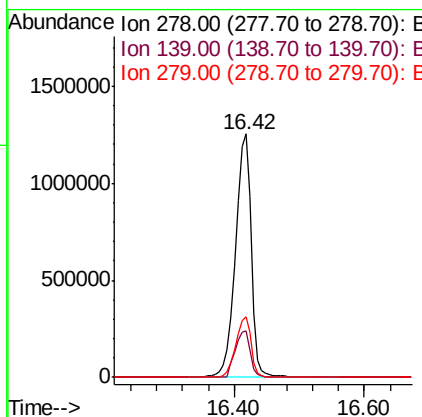
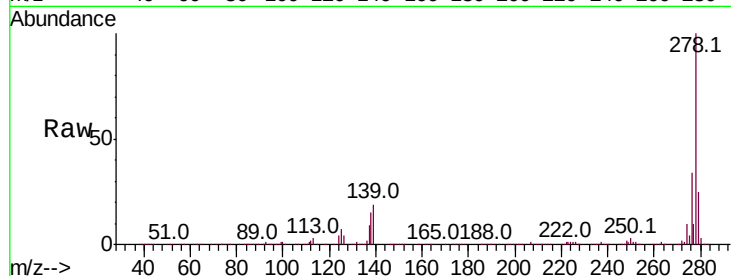


#91
 Dibenzo(a,h)anthracene
 Concen: 50.682 ng
 RT: 16.42 min Scan# 2462
 Delta R.T. -0.00 min
 Lab File: BF115091.D
 Acq: 21 Jun 2019 21:25

Instrument :
 BNA_F
 ClientSampleId :
 PB120707BS

Tot Ion:278 Resp: 2116966

Ion	Ratio	Lower	Upper
278	100		
139	19.2	15.4	23.2
279	24.9	19.9	29.9



#92
 Benzo(g,h,i)perylene
 Concen: 51.195 ng
 RT: 16.78 min Scan# 2524
 Delta R.T. -0.00 min
 Lab File: BF115091.D
 Acq: 21 Jun 2019 21:25

Tgt Ion:276 Resp: 2164274

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.6	28.0
138	25.2	19.8	29.6

