

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062119\
 Data File : BF115093.D
 Acq On : 21 Jun 2019 22:18
 Operator : HP/JU
 Sample : PB120753BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120753BS

Quant Time: Jun 22 04:56:15 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	229504	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	900715	20.00	ng	0.00
39) Acenaphthene-d10	9.65	164	453891	20.00	ng	0.00
64) Phenanthrene-d10	11.12	188	897262	20.00	ng	0.00
76) Chrysene-d12	13.74	240	657381	20.00	ng	0.00
87) Perylene-d12	15.11	264	729124	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.22	112	1621422	109.02	ng	0.02
7) Phenol-d6	6.26	99	1979240	109.65	ng	0.00
23) Nitrobenzene-d5	7.18	82	1221623	83.43	ng	0.00
42) 2,4,6-Tribromophenol	10.43	330	583597	121.93	ng	0.00
45) 2-Fluorobiphenyl	8.98	172	2374654	88.87	ng	0.00
79) Terphenyl-d14	12.71	244	2553596	82.59	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.29	88	279912	39.880	ng	99
3) Pyridine	2.94	79	760600	38.447	ng	99
4) n-Nitrosodimethylamine	2.88	42	311458	40.160	ng	97
6) Aniline	6.27	93	666020	26.846	ng	# 27
8) 2-Chlorophenol	6.40	128	708340	42.357	ng	98
9) Benzaldehyde	6.15	77	109126	9.266	ng	97
10) Phenol	6.27	94	826459	39.086	ng	94
11) bis(2-Chloroethyl)ether	6.36	93	643345	41.276	ng	98
12) 1,3-Dichlorobenzene	6.55	146	755717	40.719	ng	99
13) 1,4-Dichlorobenzene	6.63	146	757649	40.710	ng	99
14) 1,2-Dichlorobenzene	6.78	146	713446	41.395	ng	99
15) Benzyl Alcohol	6.76	79	548018	41.692	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.90	45	930451	41.159	ng	100
17) 2-Methylphenol	6.88	107	582121	42.172	ng	99
18) Hexachloroethane	7.13	117	276421	41.198	ng	100
19) n-Nitroso-di-n-propylamine	7.04	70	460731	39.867	ng	99
20) 3+4-Methylphenols	7.03	107	677119	42.483	ng	95
22) Acetophenone	7.02	105	928017	45.005	ng	# 99
24) Nitrobenzene	7.20	77	704941	43.701	ng	99
25) Isophorone	7.44	82	1321044	44.042	ng	100
26) 2-Nitrophenol	7.51	139	372672	46.782	ng	97
27) 2,4-Dimethylphenol	7.56	122	659755	50.583	ng	98
28) bis(2-Chloroethoxy)methane	7.66	93	835161	44.053	ng	99
29) 2,4-Dichlorophenol	7.75	162	611169	45.406	ng	98
30) 1,2,4-Trichlorobenzene	7.84	180	658522	44.292	ng	99
31) Naphthalene	7.92	128	2007030	45.394	ng	100
32) Benzoic acid	7.70	122	471245	50.616	ng	99
33) 4-Chloroaniline	7.97	127	477203	23.616	ng	99
34) Hexachlorobutadiene	8.05	225	352840	43.306	ng	99
35) Caprolactam	8.34	113	107379	23.728	ng	96
36) 4-Chloro-3-methylphenol	8.45	107	617536	45.302	ng	100
37) 2-Methylnaphthalene	8.61	142	1388043	46.561	ng	99
38) 1-Methylnaphthalene	8.71	142	1316205	46.228	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.78	216	559130	43.593	ng	99

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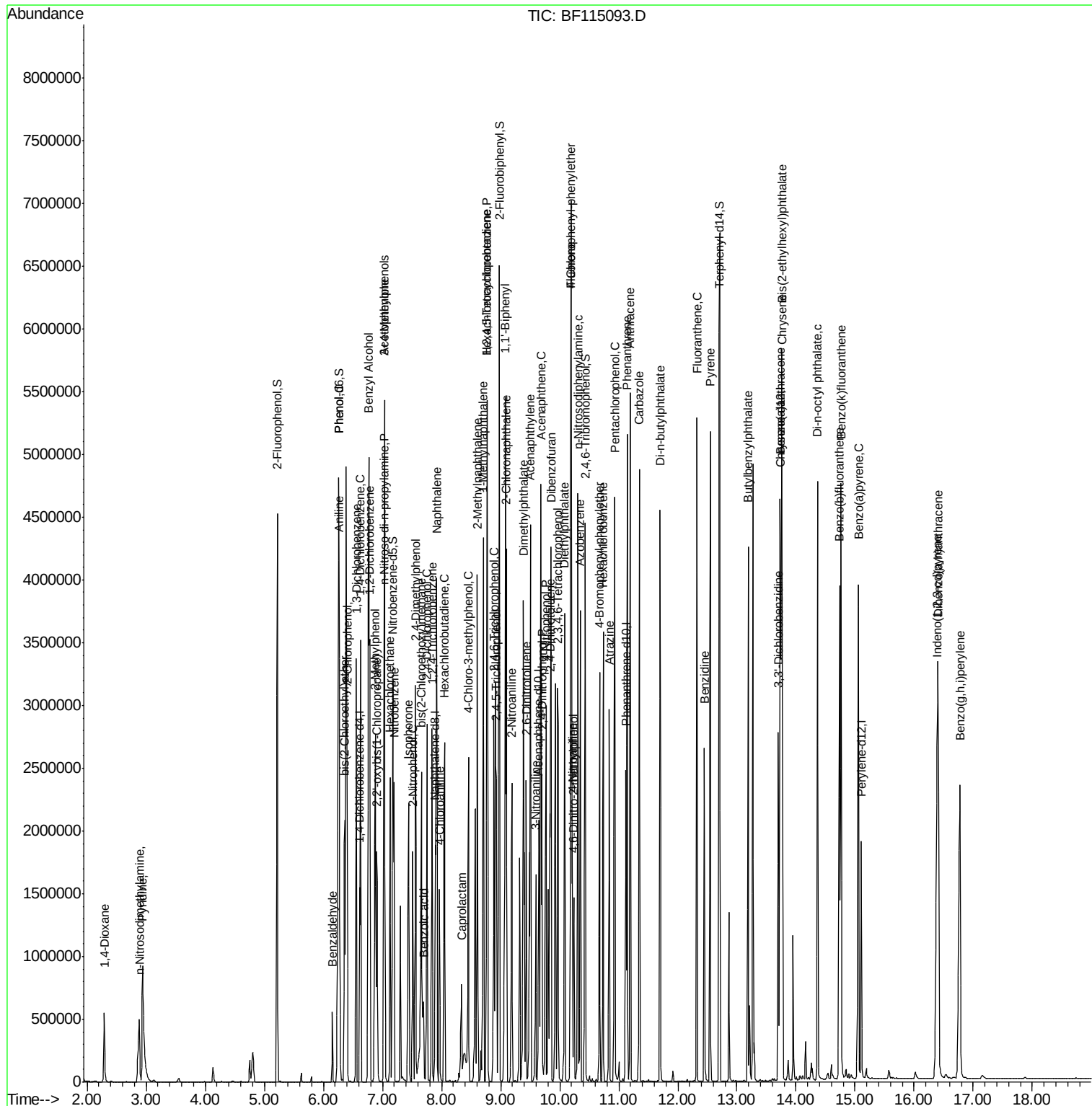
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	688560	90.535	ng	100
43) 2,4,6-Trichlorophenol	8.89	196	444789	44.918	ng	99
44) 2,4,5-Trichlorophenol	8.92	196	460108	45.120	ng	99
46) 1,1'-Biphenyl	9.08	154	1580693	43.524	ng	98
47) 2-Chloronaphthalene	9.10	162	1280726	43.474	ng	98
48) 2-Nitroaniline	9.19	65	375865	43.763	ng	95
49) Acenaphthylene	9.51	152	2028494	44.195	ng	99
50) Dimethylphthalate	9.38	163	1473398	44.122	ng	100
51) 2,6-Dinitrotoluene	9.44	165	349468	45.329	ng	93
52) Acenaphthene	9.68	154	1390158	48.402	ng	99
53) 3-Nitroaniline	9.60	138	263913	28.051	ng	96
54) 2,4-Dinitrophenol	9.70	184	364806	90.860	ng	91
55) Dibenzofuran	9.85	168	1768123	42.892	ng	100
56) 4-Nitrophenol	9.77	139	651402	86.363	ng	96
57) 2,4-Dinitrotoluene	9.84	165	467377	46.951	ng	97
58) Fluorene	10.20	166	1237623	45.110	ng	99
59) 2,3,4,6-Tetrachlorophenol	9.97	232	402920	47.121	ng	99
60) Diethylphthalate	10.08	149	1485850	44.264	ng	100
61) 4-Chlorophenyl-phenylether	10.19	204	600981	46.270	ng	96
62) 4-Nitroaniline	10.21	138	394468	41.794	ng	98
63) Azobenzene	10.35	77	1407324	44.886	ng	97
65) 4,6-Dinitro-2-methylphenol	10.24	198	217098	45.734	ng	99
66) n-Nitrosodiphenylamine	10.31	169	1256456	44.947	ng	99
67) 4-Bromophenyl-phenylether	10.68	248	423226	43.505	ng	95
68) Hexachlorobenzene	10.74	284	462988	43.846	ng	94
69) Atrazine	10.84	200	393406	43.749	ng	98
70) Pentachlorophenol	10.93	266	553099	82.220	ng	97
71) Phenanthrene	11.14	178	2031096	42.043	ng	100
72) Anthracene	11.20	178	2098765	43.038	ng	99
73) Carbazole	11.35	167	1900513	43.644	ng	99
74) Di-n-butylphthalate	11.70	149	2247576	44.666	ng	98
75) Fluoranthene	12.32	202	2108288	43.740	ng	99
77) Benzidine	12.45	184	974850	33.396	ng	99
78) Pyrene	12.55	202	2162952	42.814	ng	98
80) Butylbenzylphthalate	13.19	149	1014852	45.519	ng	95
81) Benzo(a)anthracene	13.73	228	1969407	41.752	ng	99
82) 3,3'-Dichlorobenzidine	13.70	252	547691	32.154	ng	99
83) Chrysene	13.77	228	1826884	42.281	ng	99
84) Bis(2-ethylhexyl)phthalate	13.76	149	1349541	46.196	ng	# 99
85) Di-n-octyl phthalate	14.37	149	2307975	47.021	ng	100
86) Indeno(1,2,3-cd)pyrene	16.39	276	2271107	44.420	ng	99
88) Benzo(b)fluoranthene	14.74	252	2083461	45.795	ng	99
89) Benzo(k)fluoranthene	14.77	252	1872157	45.887	ng	98
90) Benzo(a)pyrene	15.06	252	1960480	47.810	ng	98
91) Dibenzo(a,h)anthracene	16.41	278	1880791	49.131	ng	98
92) Benzo(g,h,i)perylene	16.78	276	1894033	48.885	ng	98

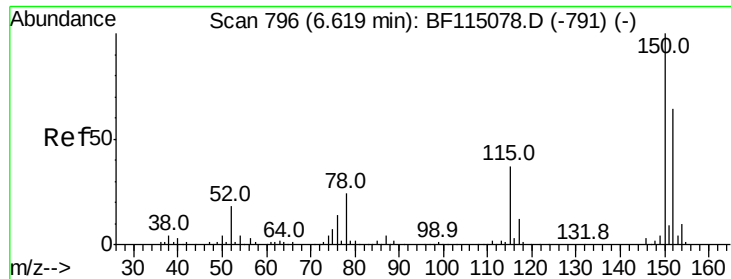
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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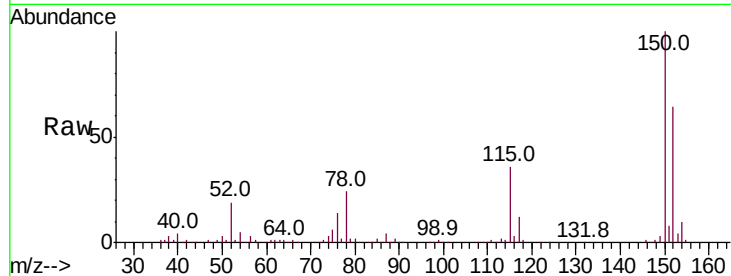


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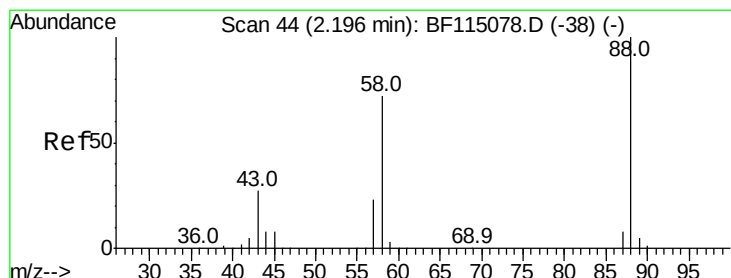
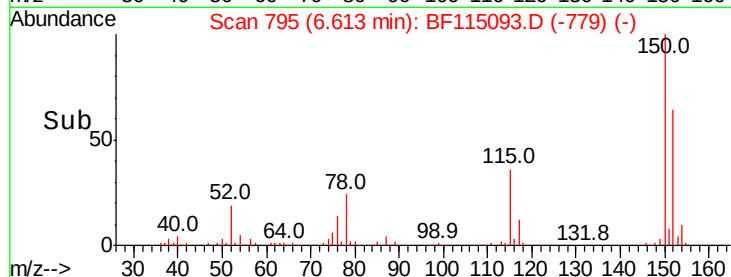
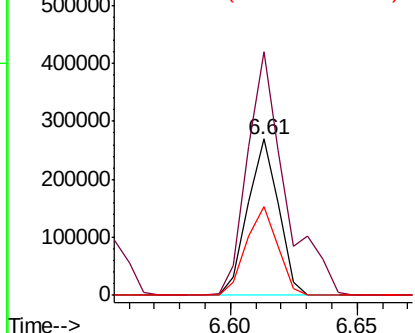
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115093.D
Acq: 21 Jun 2019 22:18

Instrument :
BNA_F
ClientSampleId :
PB120753BS

Tot Ion:152 Resp: 229504
Ion Ratio Lower Upper
152 100
150 155.7 124.2 186.2
115 56.4 46.1 69.1



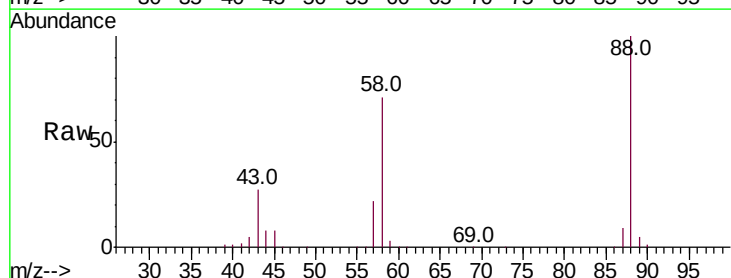
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



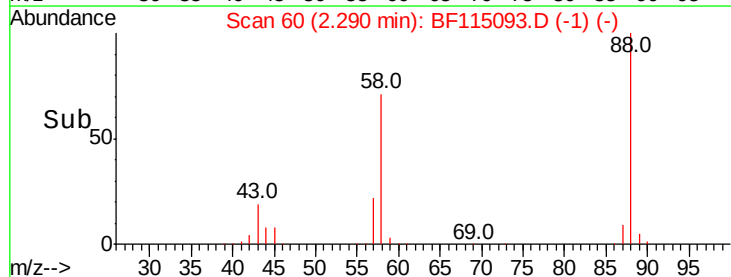
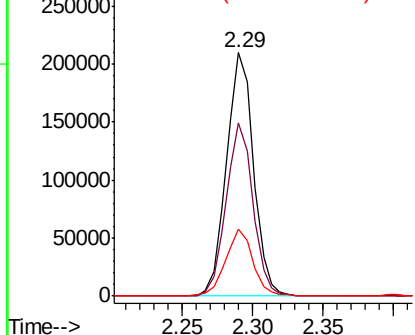
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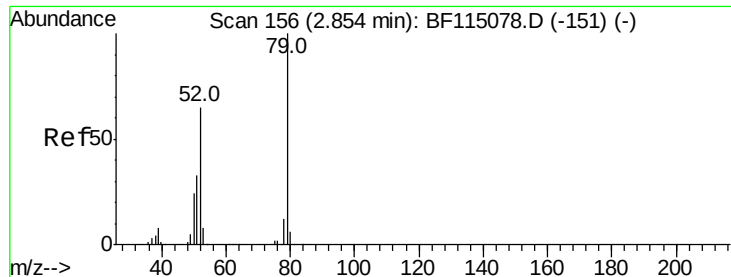
1,4-Dioxane
Concen: 39.880 ng
RT: 2.29 min Scan# 60
Delta R.T. 0.09 min
Lab File: BF115093.D
Acq: 21 Jun 2019 22:18

Tgt Ion: 88 Resp: 279912
Ion Ratio Lower Upper
88 100
58 70.6 56.1 84.1
43 26.8 21.3 31.9



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

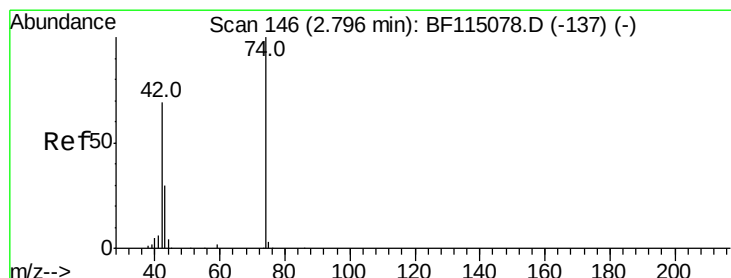
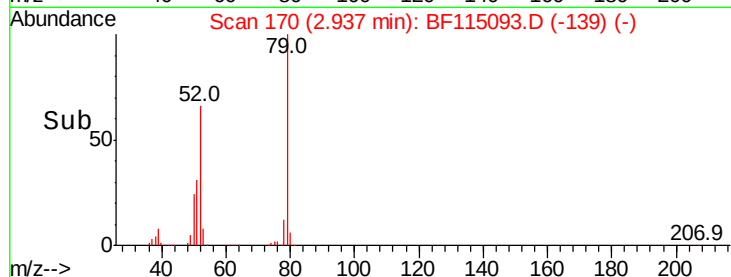
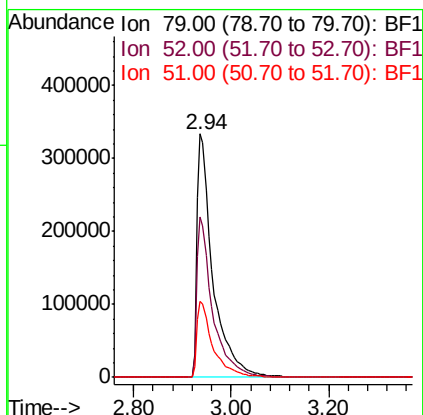
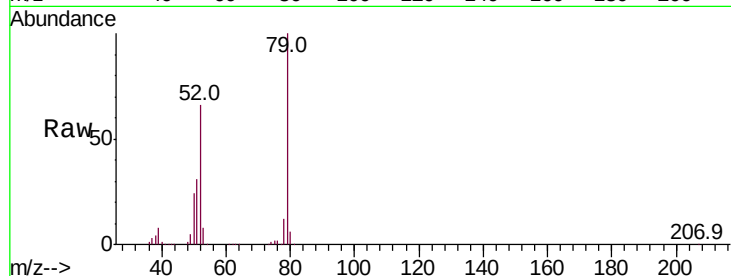




#3
 Pvridine
 Concen: 38.447 ng
 RT: 2.94 min Scan# 170
 Delta R.T. 0.08 min
 Lab File: BF115093.D
 Acq: 21 Jun 2019 22:18

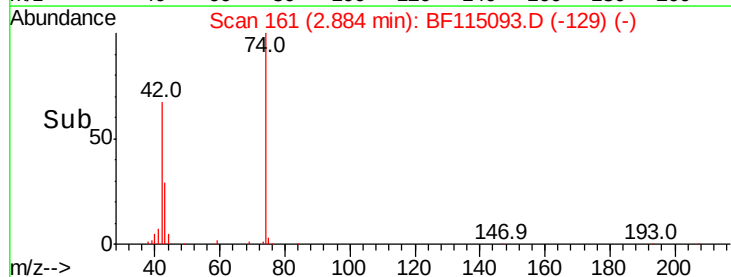
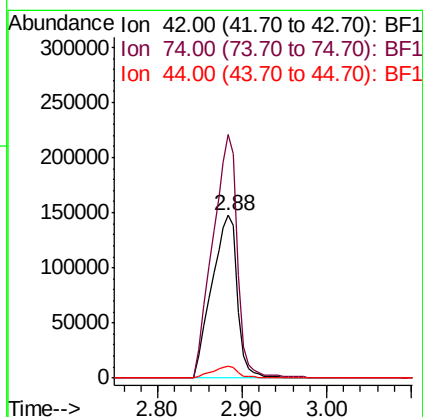
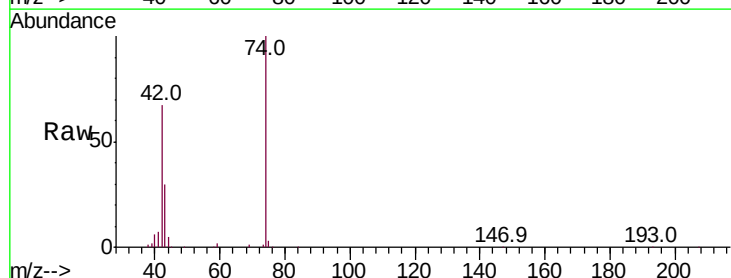
Instrument :
 BNA_F
 ClientSampleId :
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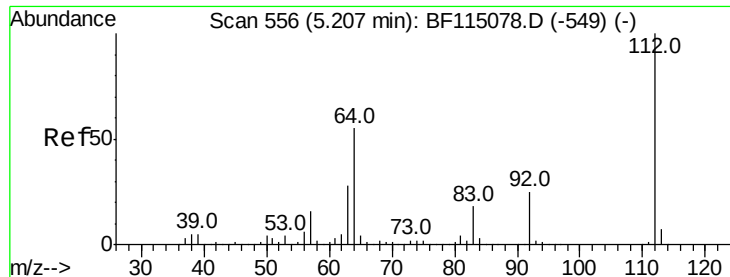
Tot Ion: 79 Resp: 760600
 Ion Ratio Lower Upper
 79 100
 52 65.8 52.3 78.5
 51 31.2 26.1 39.1



#4
 n-Nitrosodimethylamine
 Concen: 40.160 ng
 RT: 2.88 min Scan# 161
 Delta R.T. 0.09 min
 Lab File: BF115093.D
 Acq: 21 Jun 2019 22:18

Tgt Ion: 42 Resp: 311458
 Ion Ratio Lower Upper
 42 100
 74 149.7 116.6 175.0
 44 7.3 5.3 7.9





#5

2-Fluorophenol

Concen: 109.023 ng

RT: 5.22 min Scan# 559

Delta R.T. 0.02 min

Lab File: BF115093.D

Acq: 21 Jun 2019 22:18

Instrument :

BNA_F

ClientSampled :

PB120753BS

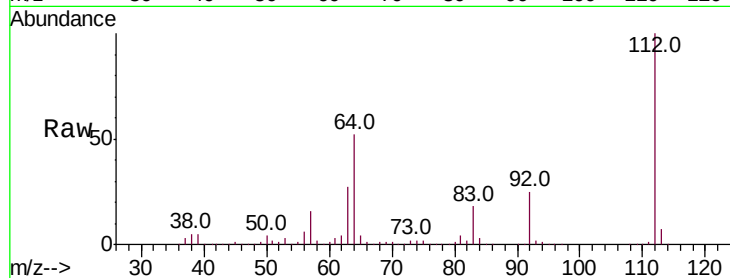
Tot Ion:112 Resp: 1621422

Ion Ratio Lower Upper

112 100

64 51.8 43.8 65.6

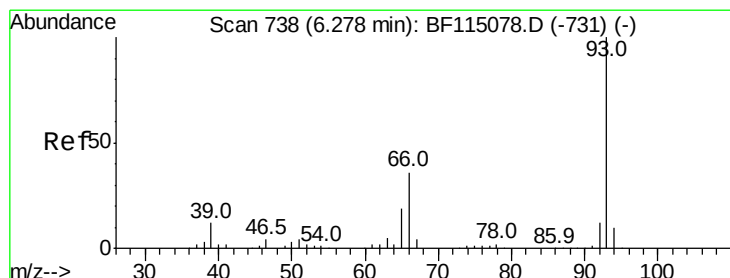
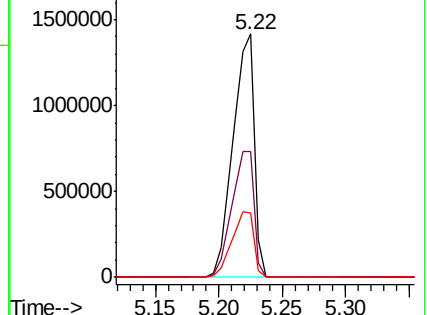
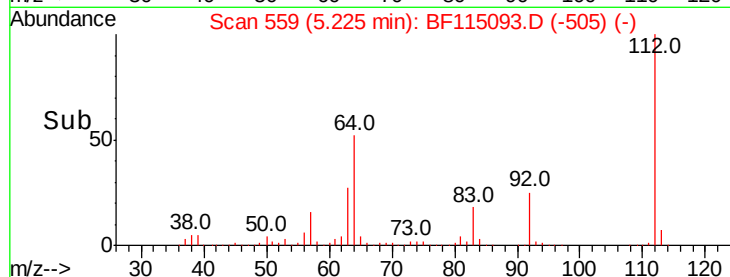
63 26.6 22.2 33.4



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: 26.846 ng

RT: 6.27 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF115093.D

Acq: 21 Jun 2019 22:18

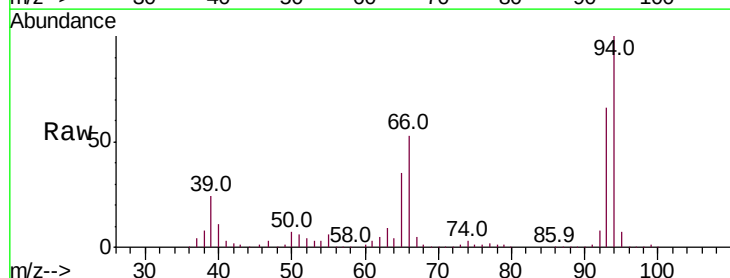
Tgt Ion: 93 Resp: 666020

Ion Ratio Lower Upper

93 100

66 80.9 30.0 45.0#

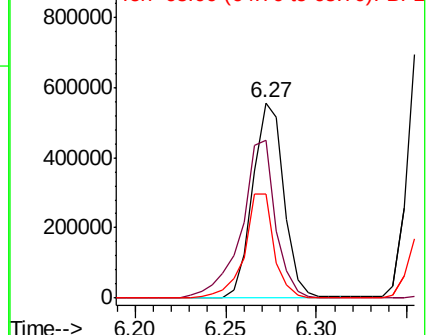
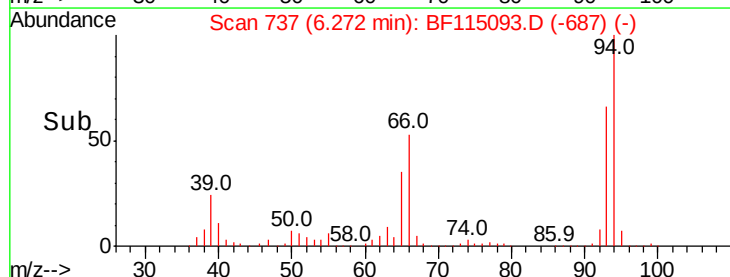
65 53.7 15.6 23.4#

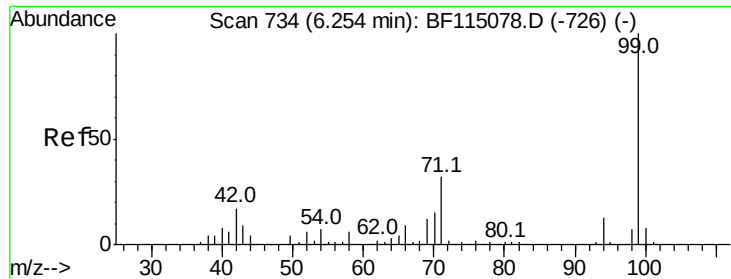


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 109.645 ng

RT: 6.26 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF115093.D

Acq: 21 Jun 2019 22:18

Instrument :

BNA_F

ClientSampleId :

PB120753BS

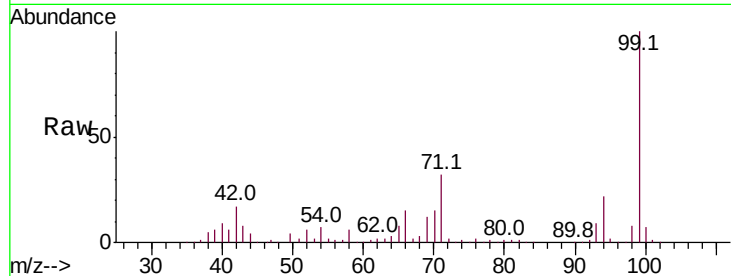
Tot Ion: 99 Resp: 1979240

Ion Ratio Lower Upper

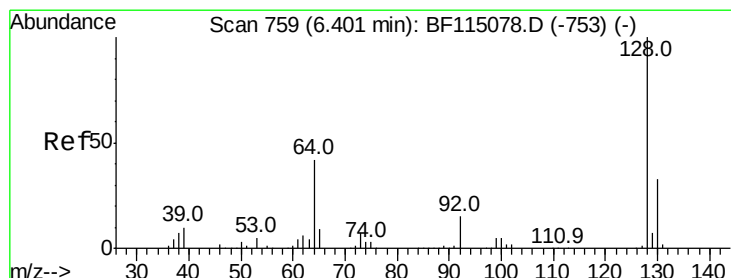
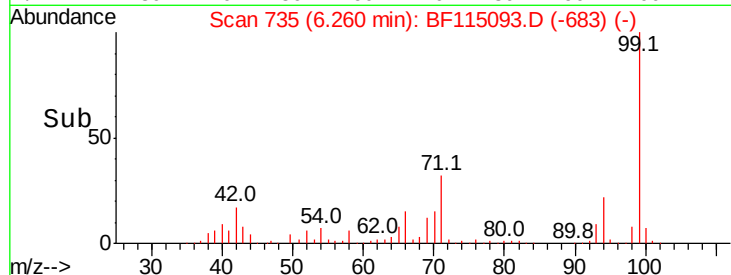
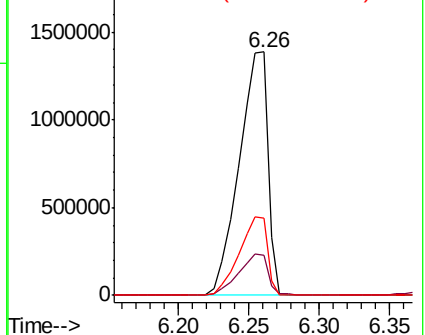
99 100

42 16.6 13.6 20.4

71 31.7 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: 42.357 ng

RT: 6.40 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF115093.D

Acq: 21 Jun 2019 22:18

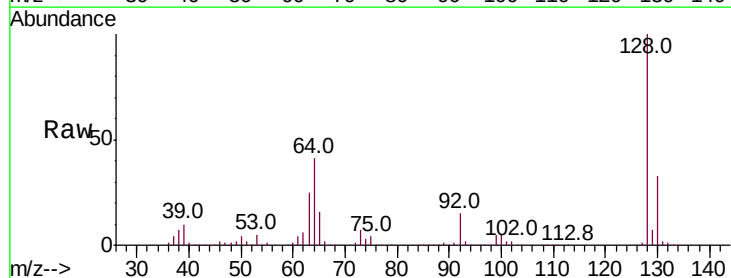
Tgt Ion:128 Resp: 708340

Ion Ratio Lower Upper

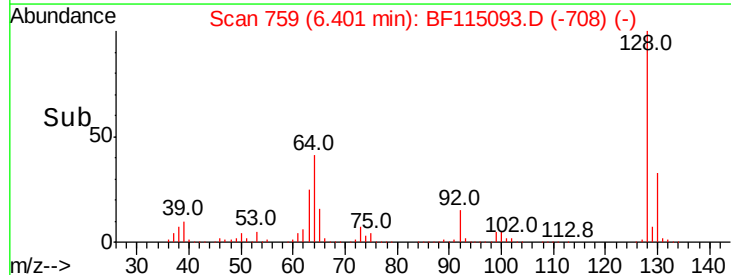
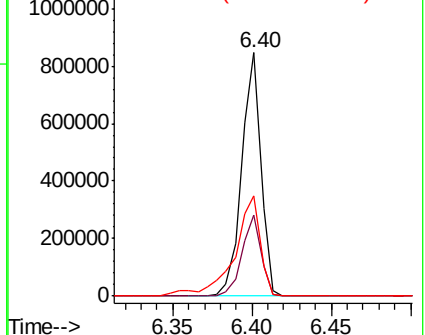
128 100

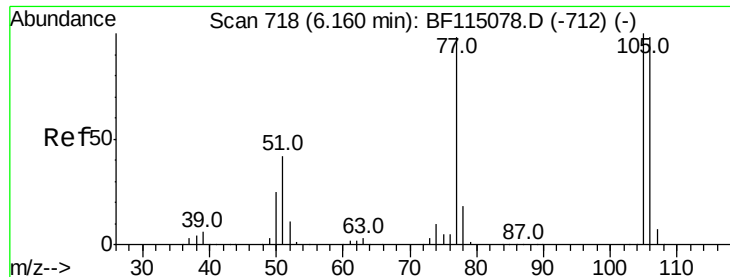
130 33.4 12.9 52.9

64 41.1 22.9 62.9



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





#9

Benzaldehyde

Concen: 9.266 ng

RT: 6.15 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF115093.D

Acq: 21 Jun 2019 22:18

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ClientSampleId :

PB120753BS

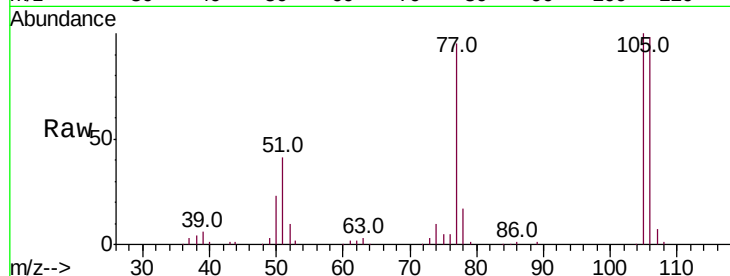
Tot Ion: 77 Resp: 109126

Ion Ratio Lower Upper

77 100

105 104.9 81.5 121.5

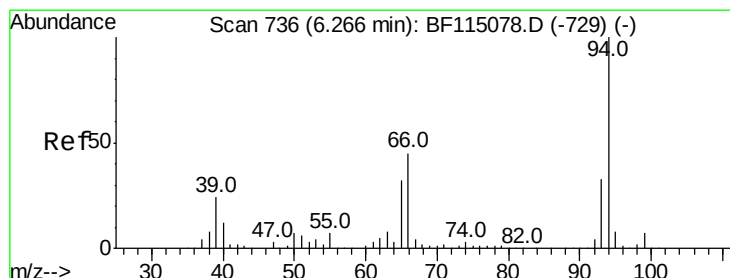
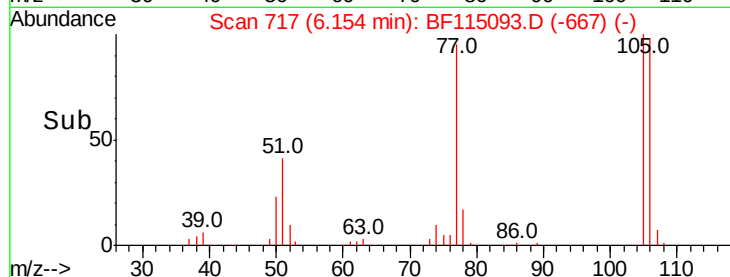
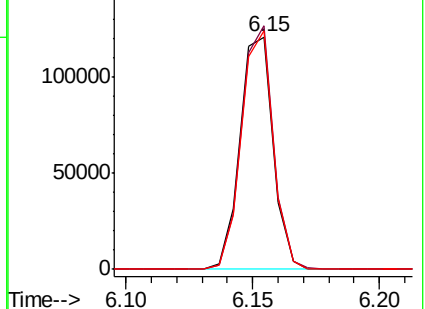
106 102.5 79.7 119.7



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 39.086 ng

RT: 6.27 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF115093.D

Acq: 21 Jun 2019 22:18

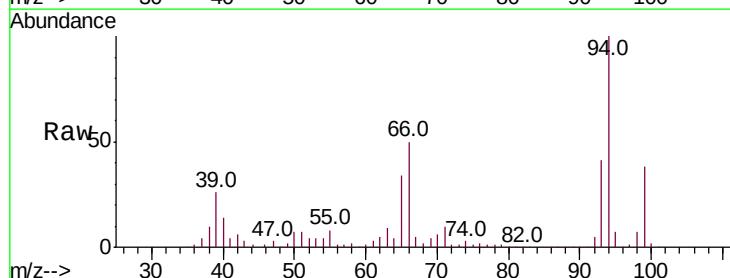
Tgt Ion: 94 Resp: 826459

Ion Ratio Lower Upper

94 100

65 33.9 11.9 51.9

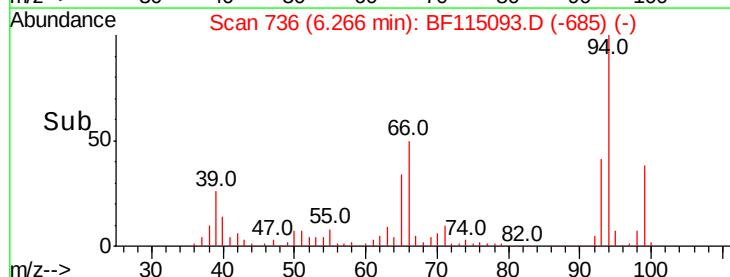
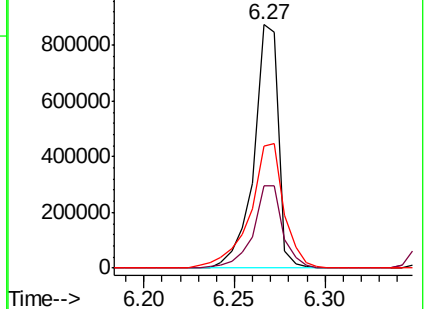
66 49.9 25.2 65.2

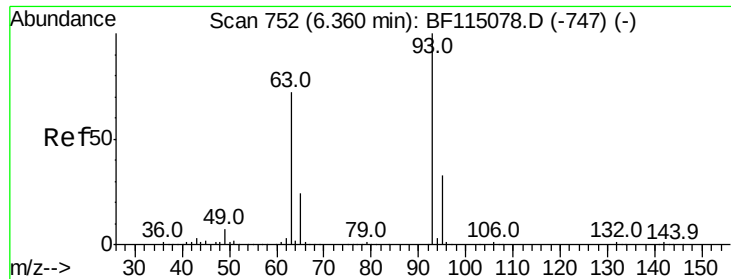


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

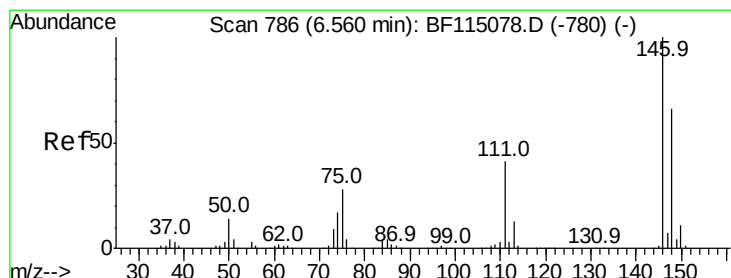
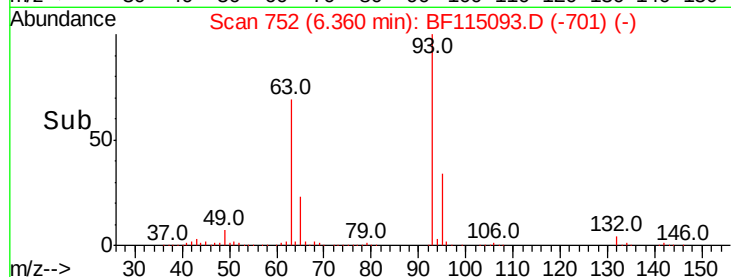
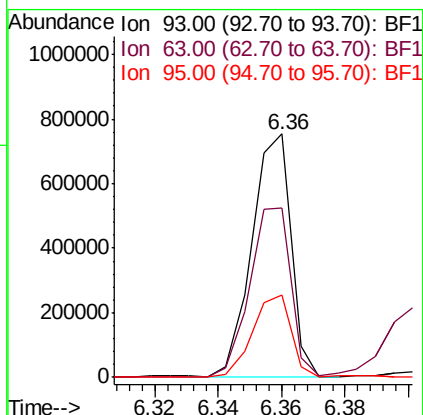
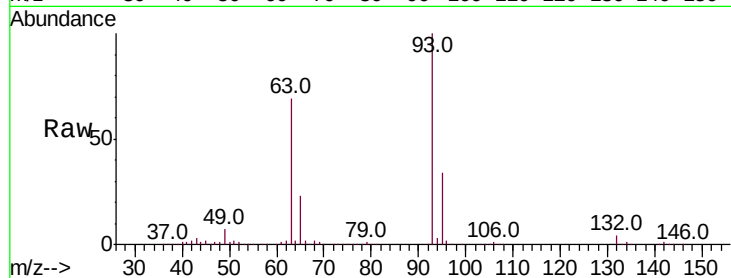




#11
bis(2-Chloroethyl)ether
Concen: 41.276 ng
RT: 6.36 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF115093.D
Acq: 21 Jun 2019 22:18

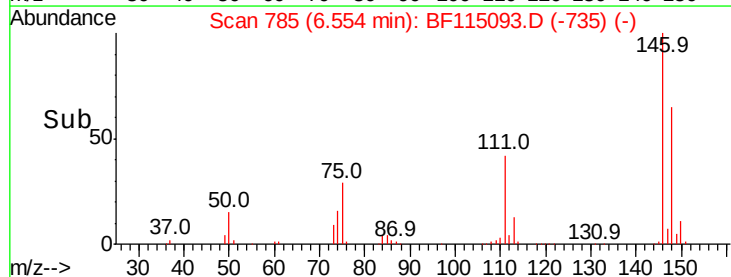
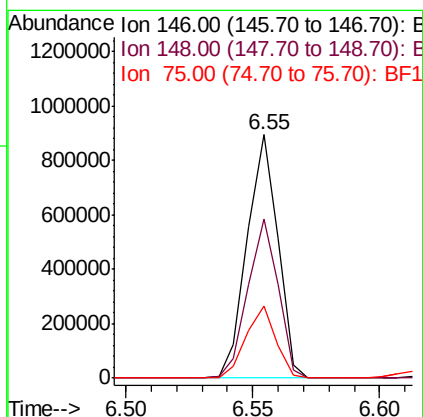
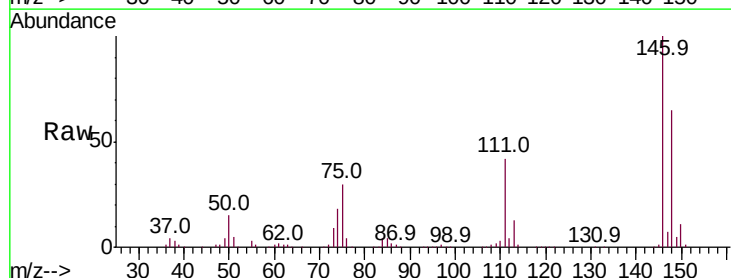
Instrument :
BNA_F
ClientSampleId :
PB120753BS

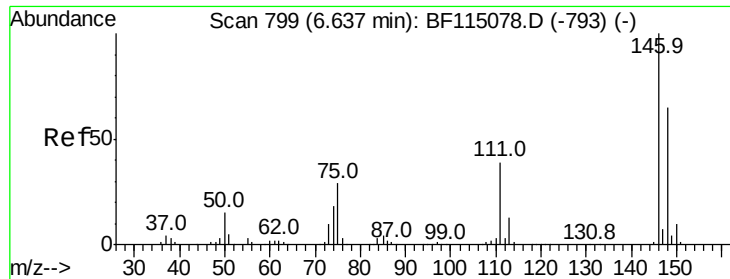
Tot Ion	Ratio	Lower	Upper
93	100		
63	69.4	51.5	91.5
95	33.7	13.4	53.4



#12
1,3-Dichlorobenzene
Concen: 40.719 ng
RT: 6.55 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF115093.D
Acq: 21 Jun 2019 22:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	52.6	78.8
75	29.8	22.6	34.0

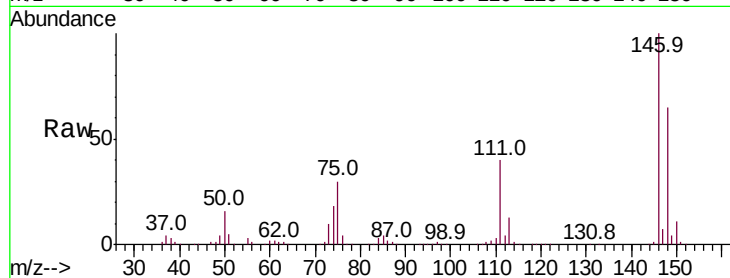




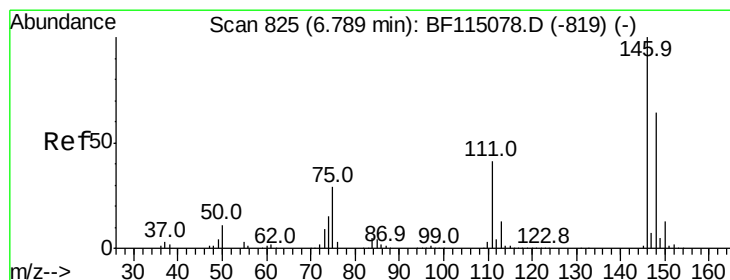
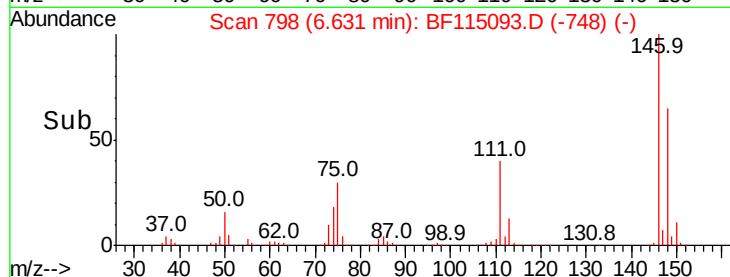
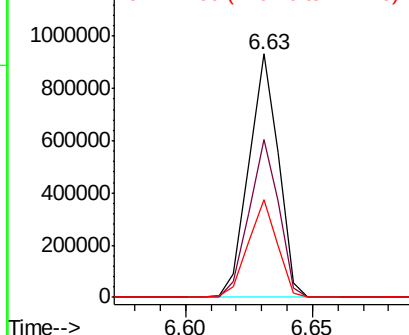
#13
 1,4-Dichlorobenzene
 Concen: 40.710 ng
 RT: 6.63 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF115093.D
 Acq: 21 Jun 2019 22:18

Instrument :
 BNA_F
 ClientSampleId :
 PB120753BS

Tot Ion:146 Resp: 757649
 Ion Ratio Lower Upper
 146 100
 148 65.0 51.9 77.9
 111 40.4 31.4 47.0

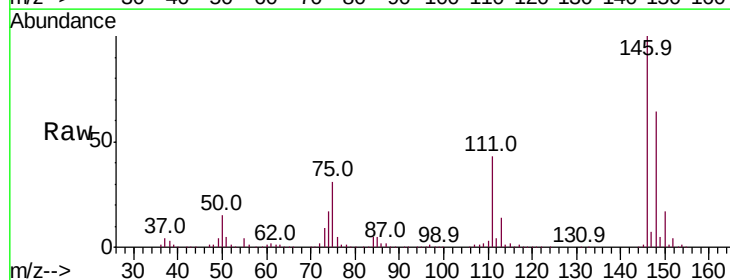


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

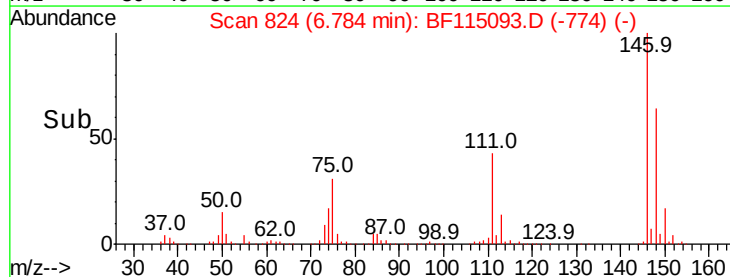
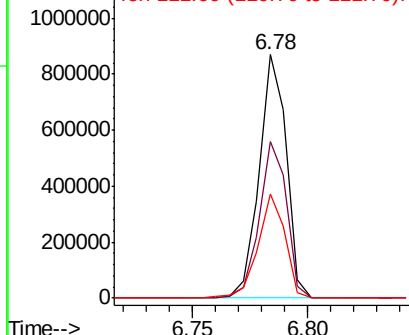


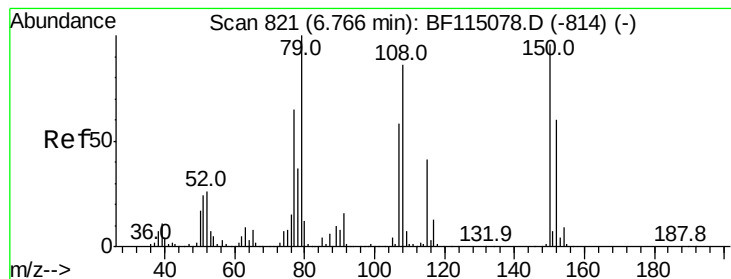
#14
 1,2-Dichlorobenzene
 Concen: 41.395 ng
 RT: 6.78 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BF115093.D
 Acq: 21 Jun 2019 22:18

Tgt Ion:146 Resp: 713446
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.1 76.7
 111 42.7 33.2 49.8



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





#15

Benzyl Alcohol

Concen: 41.692 ng

RT: 6.76 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF115093.D

Acq: 21 Jun 2019 22:18

Instrument :

BNA_F

ClientSampleId :

PB120753BS

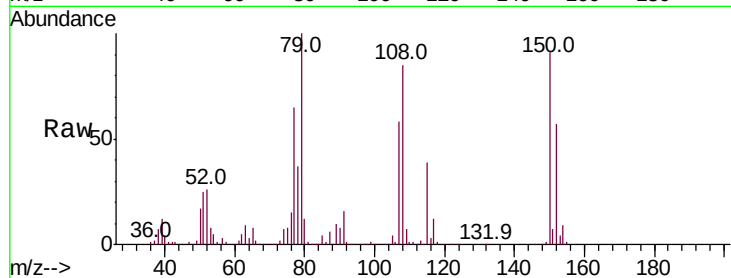
Tot Ion: 79 Resp: 548018

Ion Ratio Lower Upper

79 100

108 84.8 68.7 103.1

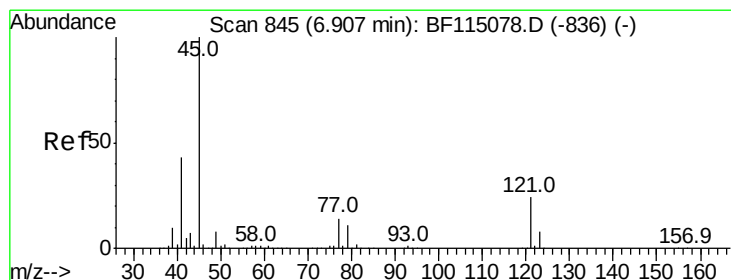
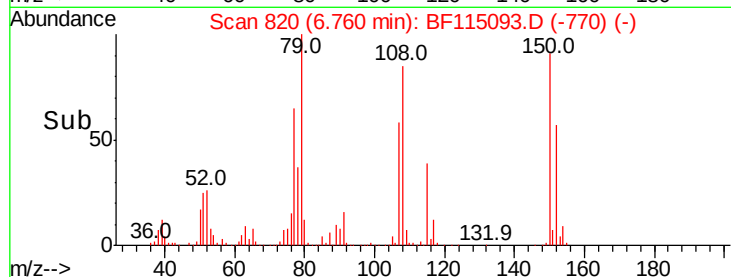
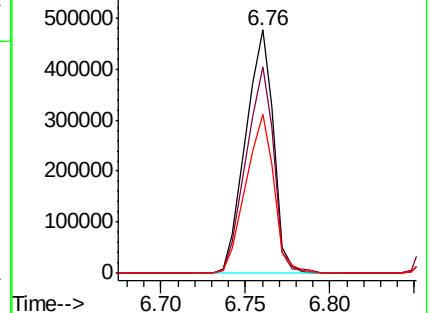
77 65.3 51.7 77.5



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: 41.159 ng

RT: 6.90 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF115093.D

Acq: 21 Jun 2019 22:18

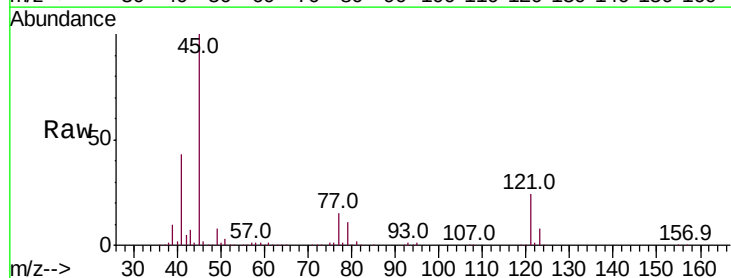
Tgt Ion: 45 Resp: 930451

Ion Ratio Lower Upper

45 100

77 14.6 0.0 34.6

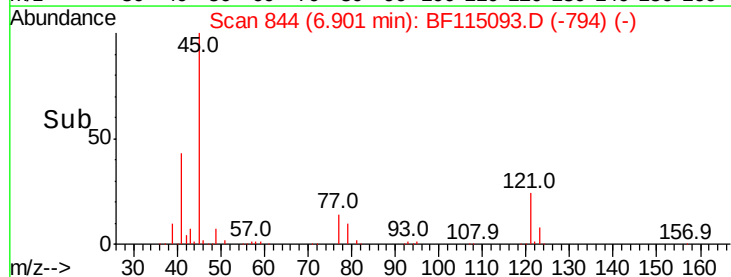
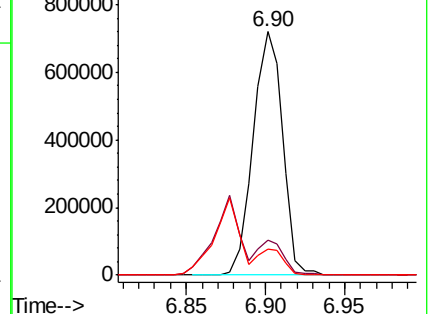
79 10.9 0.0 31.2

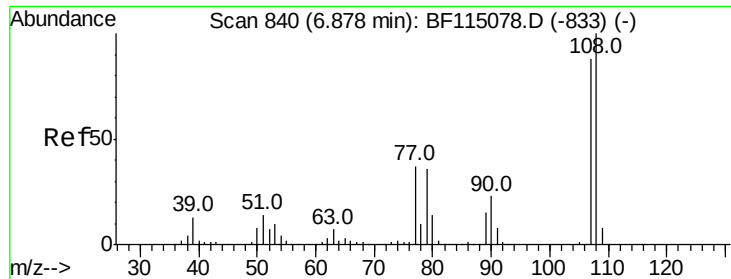


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

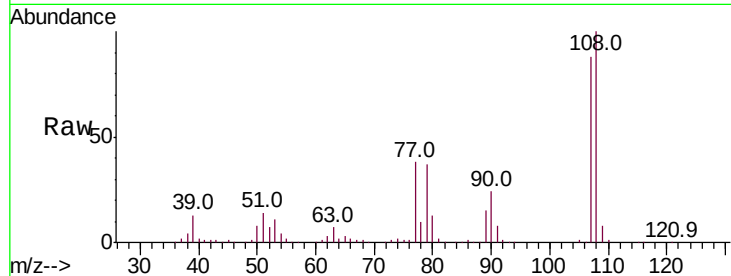




#17
2-Methylphenol
Concen: 42.172 ng
RT: 6.88 min Scan# 840
Delta R.T. 0.00 min
Lab File: BF115093.D
Acq: 21 Jun 2019 22:18

Instrument :
BNA_F
ClientSampleId :
PB120753BS

Tot Ion:	107	Resp:	582121
Ion	Ratio	Lower	Upper
107	100		
108	114.1	90.9	136.3
77	43.0	33.4	50.2
79	41.9	32.3	48.5



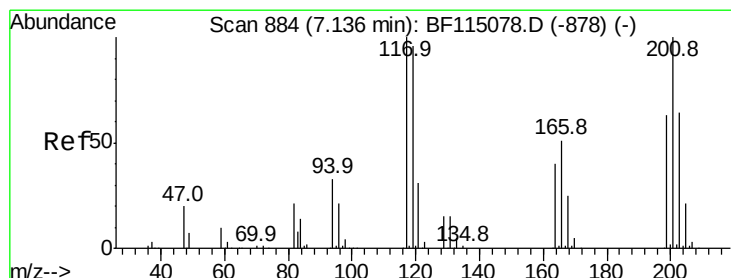
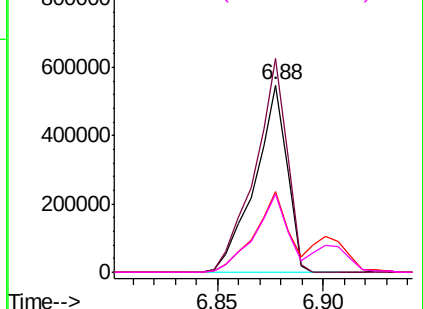
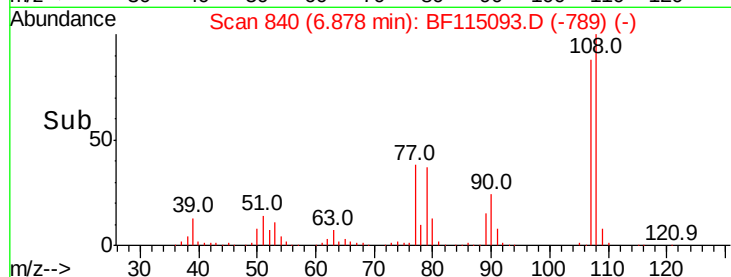
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

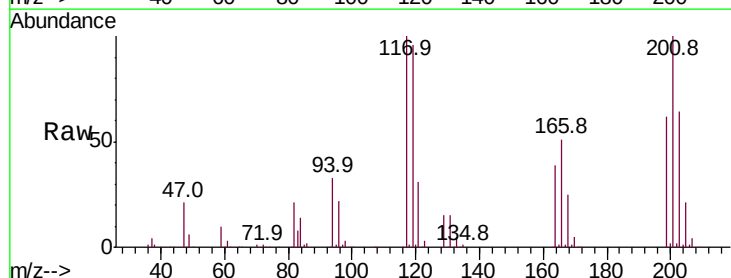
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 41.198 ng
RT: 7.13 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF115093.D
Acq: 21 Jun 2019 22:18

Tgt Ion:	117	Resp:	276421
Ion	Ratio	Lower	Upper
117	100		
119	95.6	76.6	114.8
201	99.9	80.2	120.2

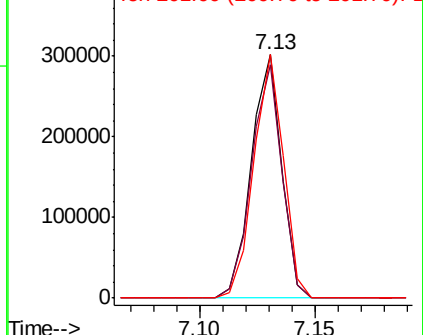
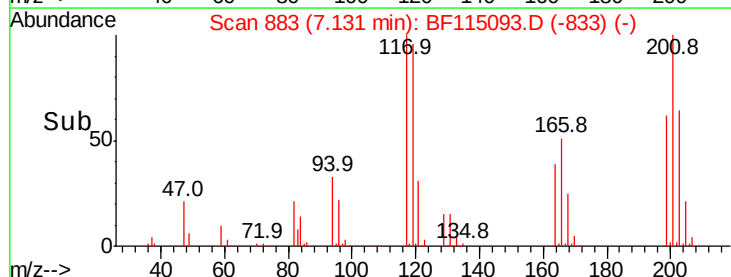


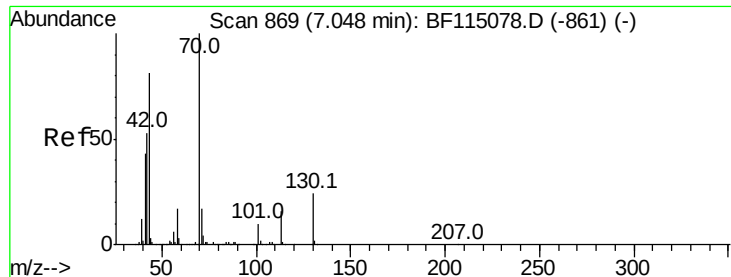
Abundance

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

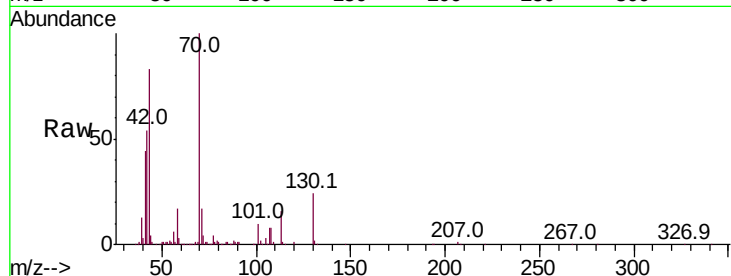




#19
n-Nitroso-di-n-propylamine
Concen: 39.867 ng
RT: 7.04 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF115093.D
Acq: 21 Jun 2019 22:18

Instrument :
BNA_F
ClientSampleId :
PB120753BS

Tot Ion:	70	Resp:	460731
Ion	Ratio	Lower	Upper
70	100		
42	54.2	42.6	63.8
101	10.1	8.0	12.0
130	24.2	19.4	29.0



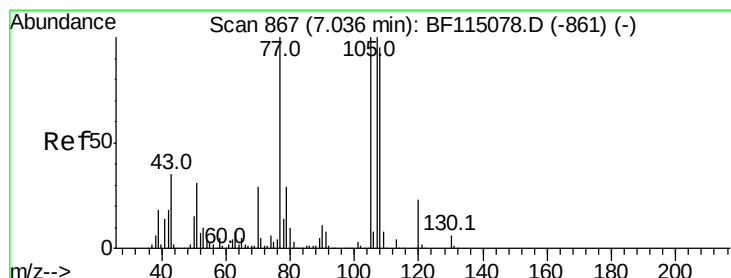
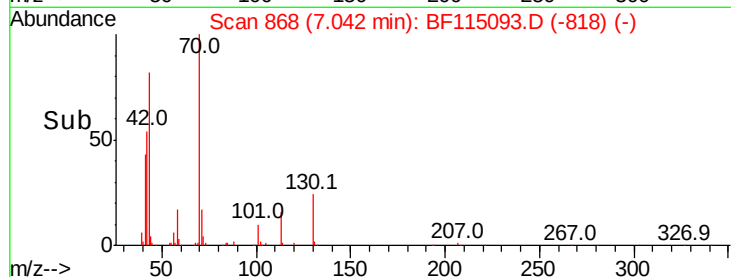
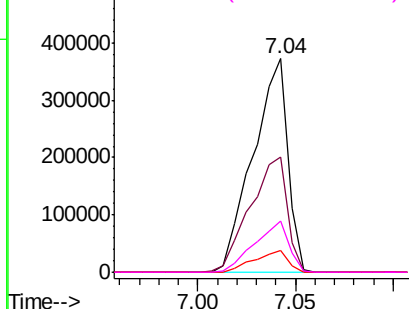
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

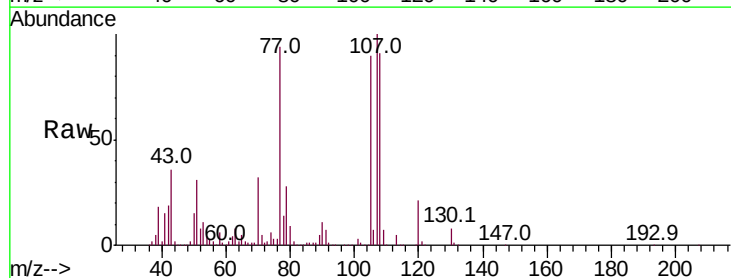
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 42.483 ng
RT: 7.03 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF115093.D
Acq: 21 Jun 2019 22:18

Tgt Ion:	107	Resp:	677119
Ion	Ratio	Lower	Upper
107	100		
108	91.5	75.5	115.5
77	93.7	80.2	120.2
79	27.9	9.5	49.5



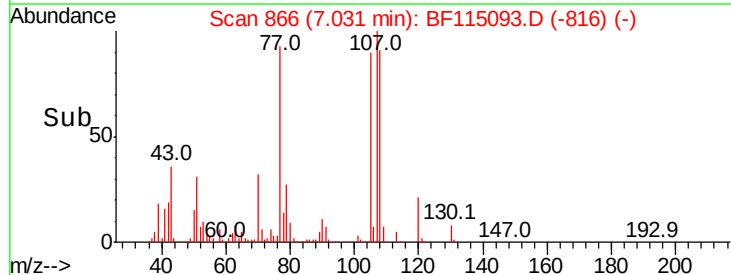
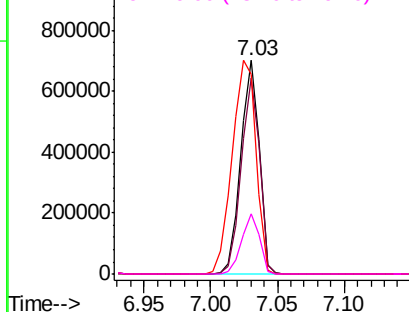
Abundance

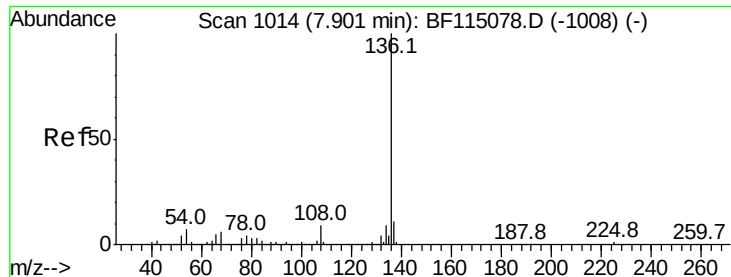
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.90 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF115093.D

Acq: 21 Jun 2019 22:18

Instrument :

BNA_F

ClientSampleId :

PB120753BS

Tot Ion:136 Resp: 900715

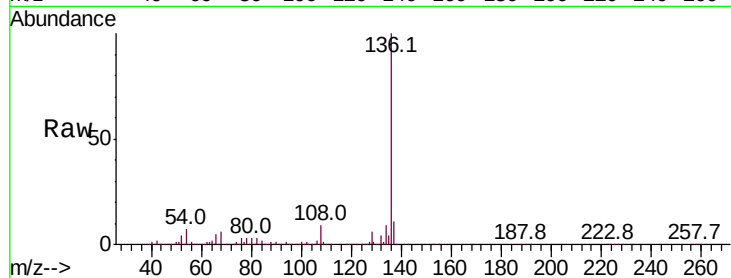
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 7.0 5.6 8.4

68 6.0 4.8 7.2

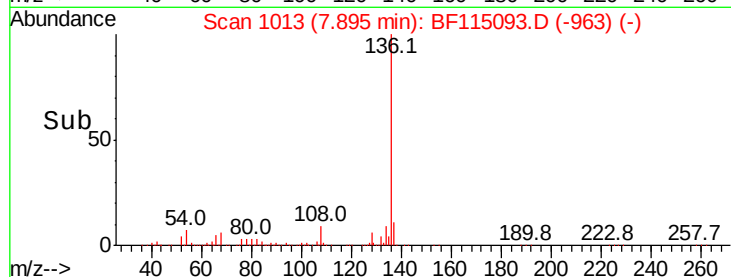
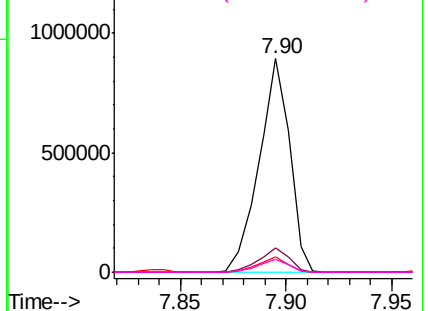


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 45.005 ng

RT: 7.02 min Scan# 865

Delta R.T. -0.01 min

Lab File: BF115093.D

Acq: 21 Jun 2019 22:18

Tgt Ion:105 Resp: 928017

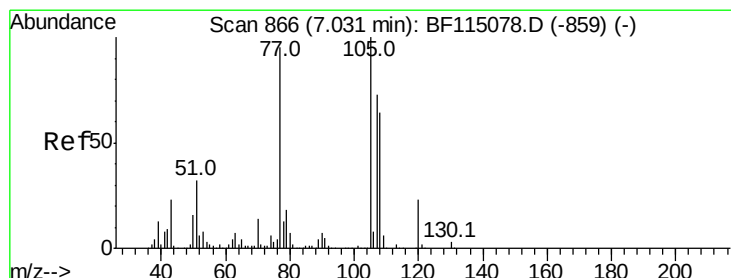
Ion Ratio Lower Upper

105 100

71 3.9 1.9 2.9#

51 31.5 25.8 38.8

120 23.7 18.5 27.7

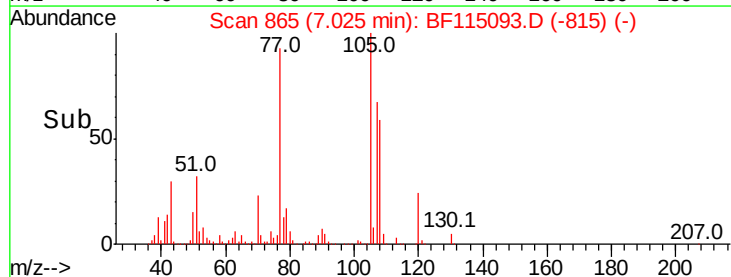
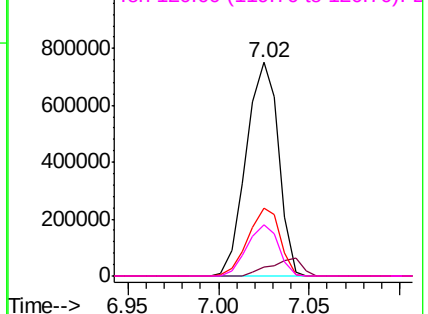


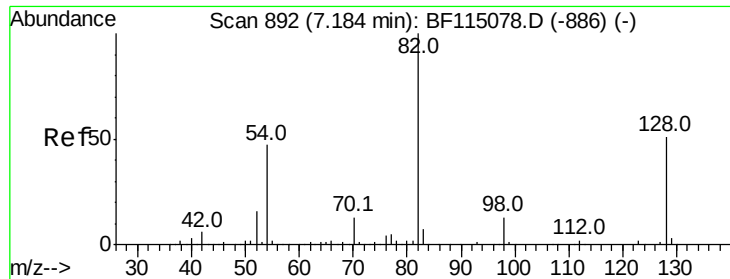
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

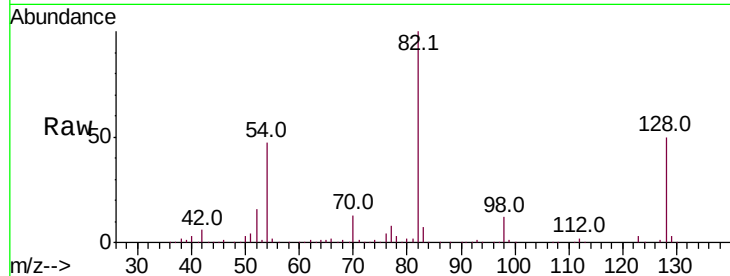




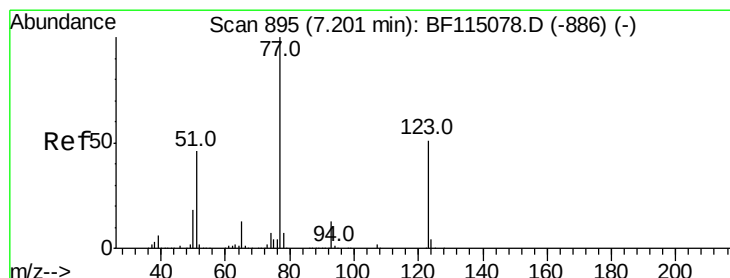
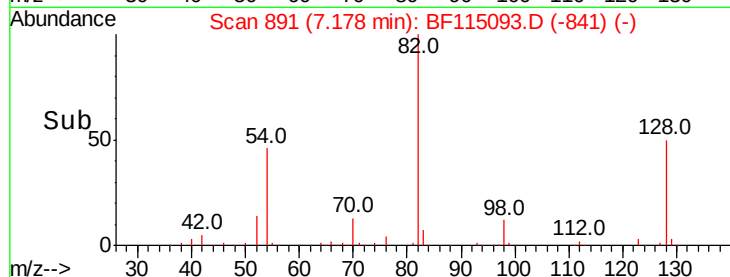
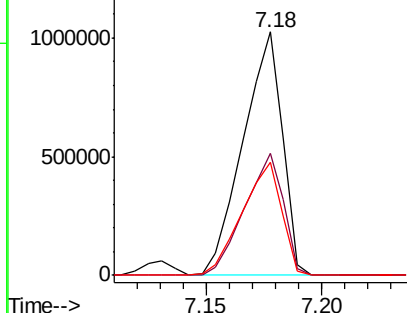
#23
Nitrobenzene-d5
Concen: 83.432 ng
RT: 7.18 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF115093.D
Acq: 21 Jun 2019 22:18

Instrument :
BNA_F
ClientSampled :
PB120753BS

Tot Ion: 82 Resp: 1221623
Ion Ratio Lower Upper
82 100
128 50.0 40.4 60.6
54 46.6 37.5 56.3

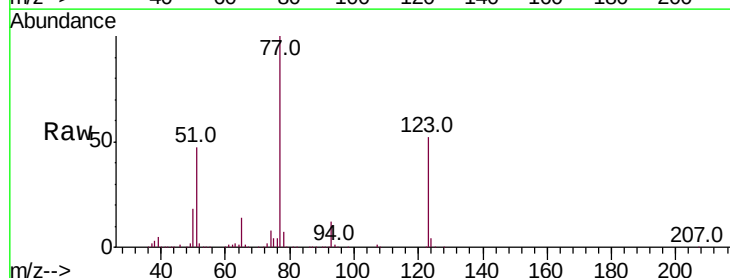


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

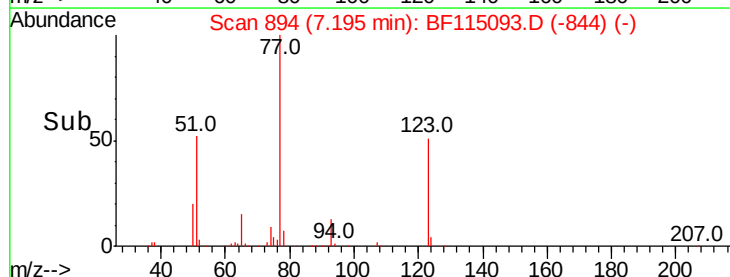
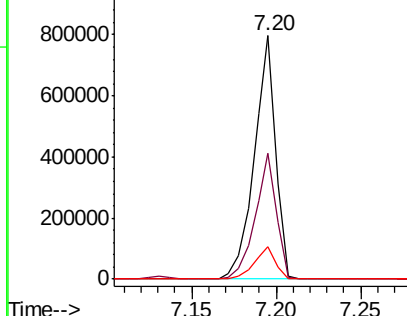


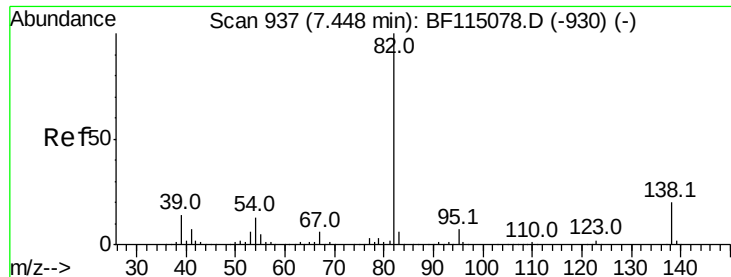
#24
Nitrobenzene
Concen: 43.701 ng
RT: 7.20 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF115093.D
Acq: 21 Jun 2019 22:18

Tgt Ion: 77 Resp: 704941
Ion Ratio Lower Upper
77 100
123 51.8 41.0 61.6
65 13.5 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: 44.042 ng

RT: 7.44 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF115093.D

Acq: 21 Jun 2019 22:18

Instrument :

BNA_F

ClientSampleId :

PB120753BS

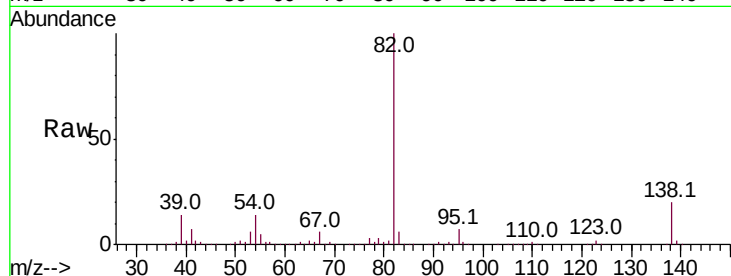
Tot Ion: 82 Resp: 1321044

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.2

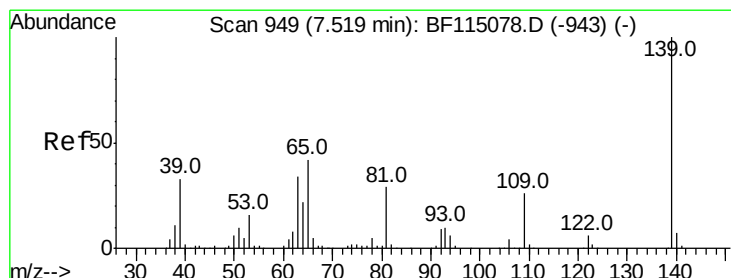
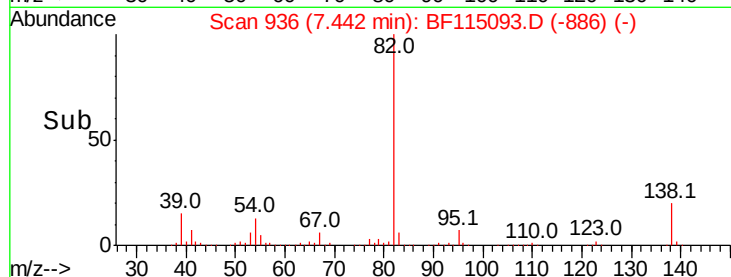
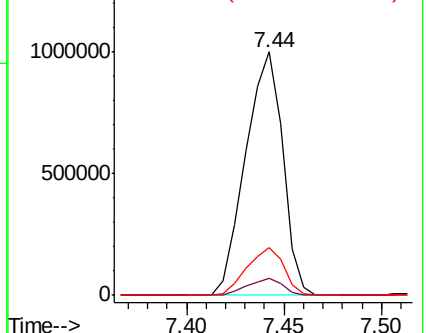
138 19.7 15.9 23.9



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: 46.782 ng

RT: 7.51 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF115093.D

Acq: 21 Jun 2019 22:18

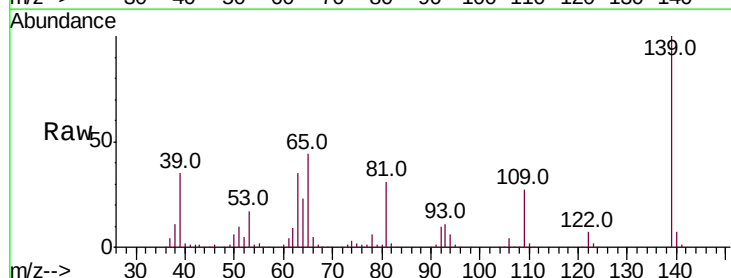
Tgt Ion: 139 Resp: 372672

Ion Ratio Lower Upper

139 100

109 26.5 20.4 30.6

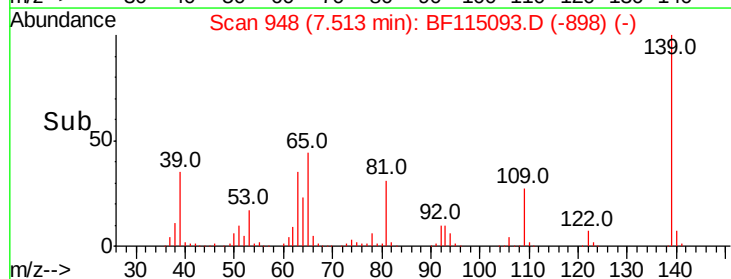
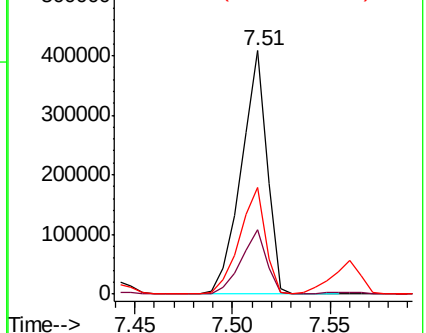
65 43.8 33.6 50.4

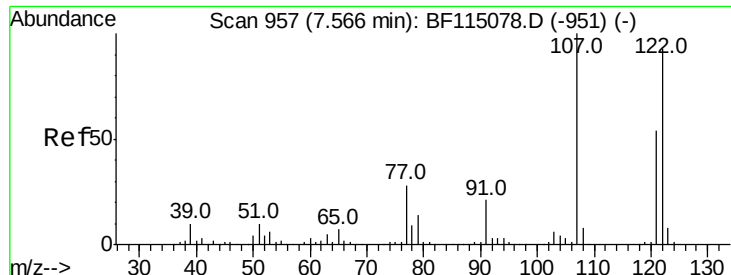


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

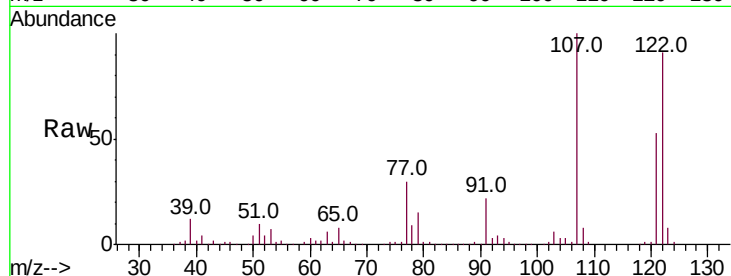




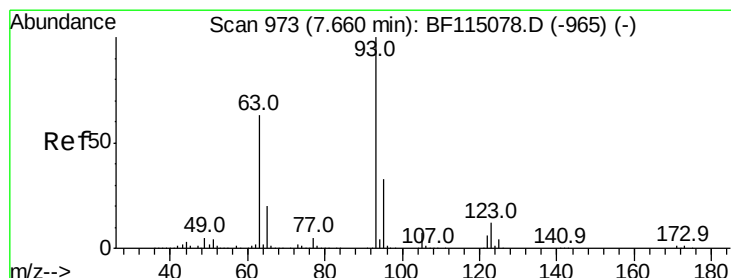
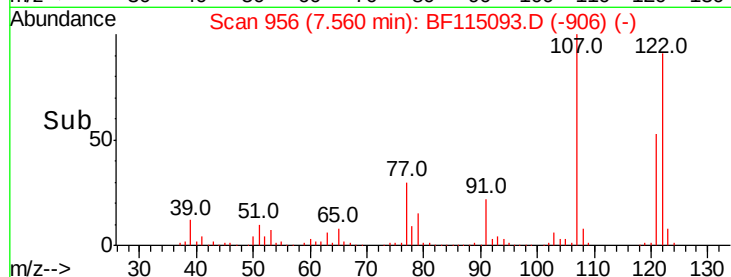
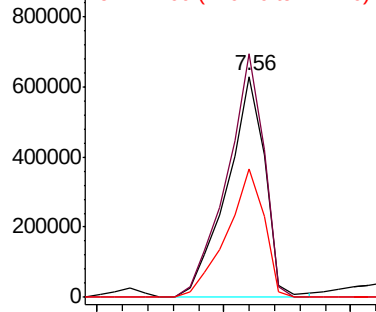
#27
2,4-Dimethylphenol
Concen: 50.583 ng
RT: 7.56 min Scan# 956
Delta R.T. -0.01 min
Lab File: BF115093.D
Acq: 21 Jun 2019 22:18

Instrument :
BNA_F
ClientSampleId :
PB120753BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.3	85.8	128.6
121	58.3	46.3	69.5

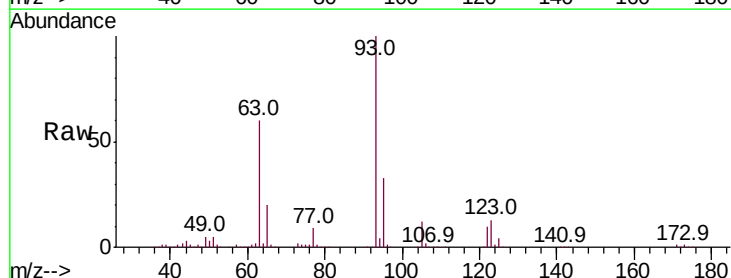


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

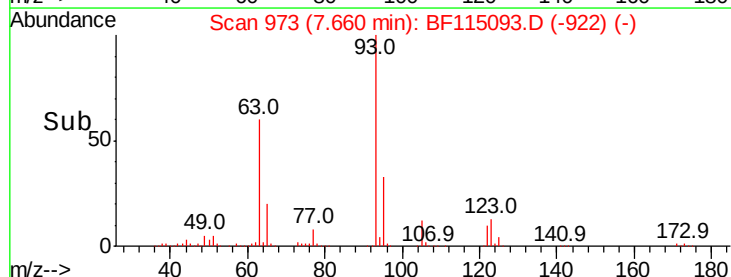
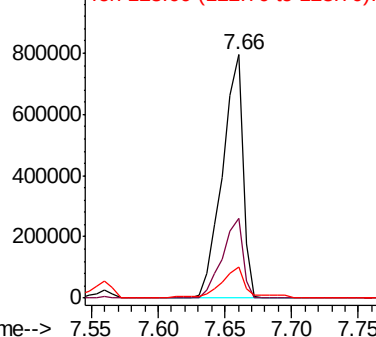


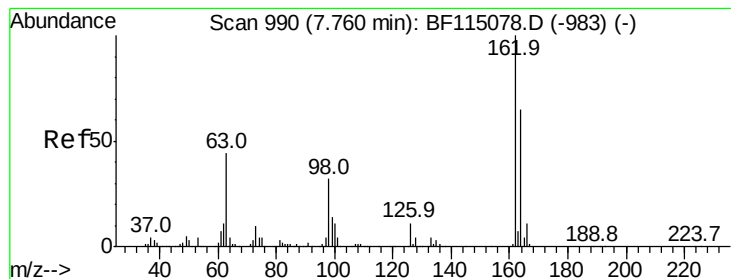
#28
bis(2-Chloroethoxy)methane
Concen: 44.053 ng
RT: 7.66 min Scan# 973
Delta R.T. 0.00 min
Lab File: BF115093.D
Acq: 21 Jun 2019 22:18

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.2	39.4
123	12.9	9.7	14.5



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 45.406 ng

RT: 7.75 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF115093.D

Acq: 21 Jun 2019 22:18

Instrument :

BNA_F

ClientSampleId :

PB120753BS

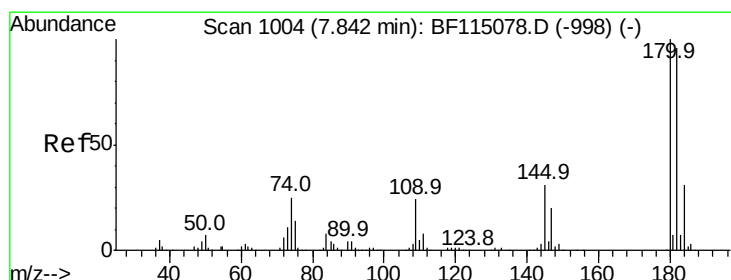
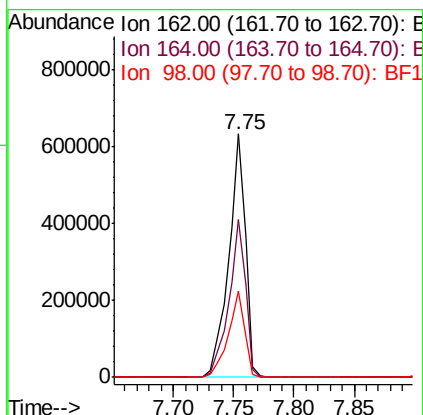
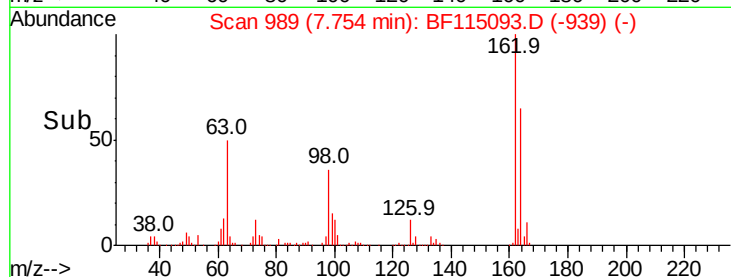
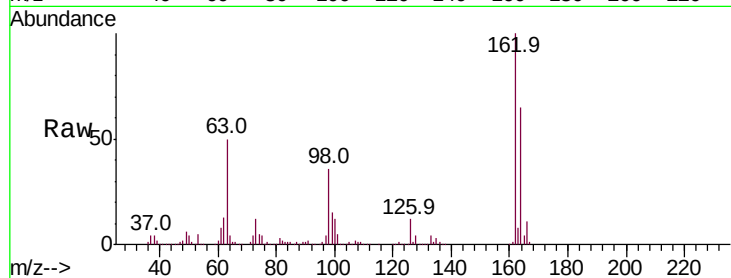
Tot Ion:162 Resp: 611169

Ion Ratio Lower Upper

162 100

164 64.9 45.3 85.3

98 35.5 12.5 52.5



#30

1,2,4-Trichlorobenzene

Concen: 44.292 ng

RT: 7.84 min Scan# 1004

Delta R.T. 0.00 min

Lab File: BF115093.D

Acq: 21 Jun 2019 22:18

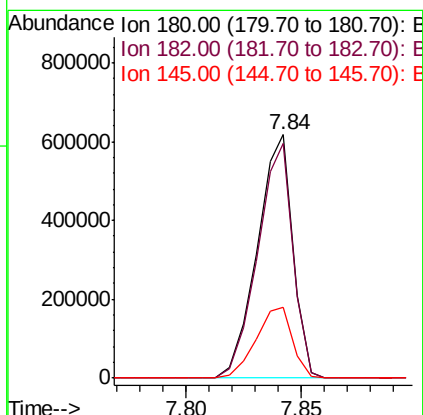
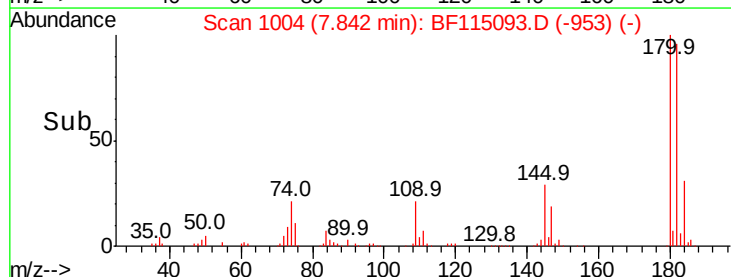
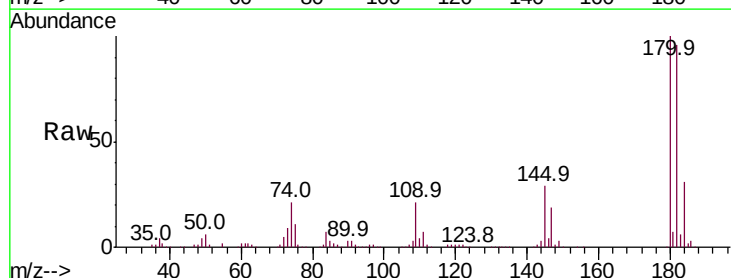
Tgt Ion:180 Resp: 658522

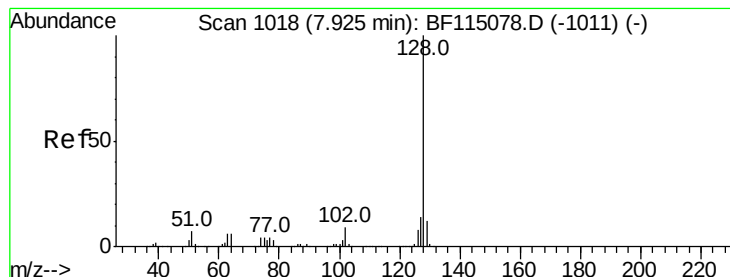
Ion Ratio Lower Upper

180 100

182 96.2 76.4 114.6

145 29.3 24.8 37.2





#31

Naphthalene

Concen: 45.394 ng

RT: 7.92 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF115093.D

Acq: 21 Jun 2019 22:18

Instrument :

BNA_F

ClientSampleId :

PB120753BS

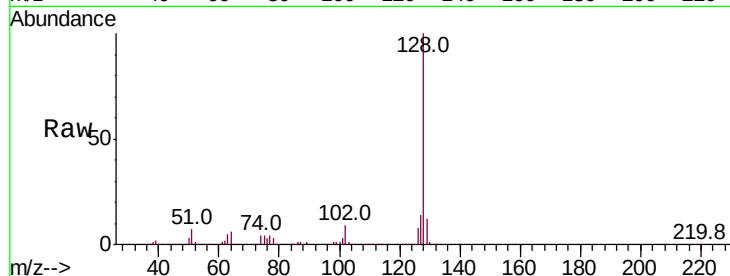
Tot Ion:128 Resp: 2007030

Ion Ratio Lower Upper

128 100

129 11.9 9.6 14.4

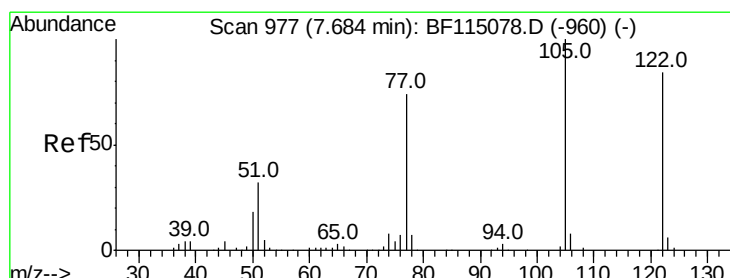
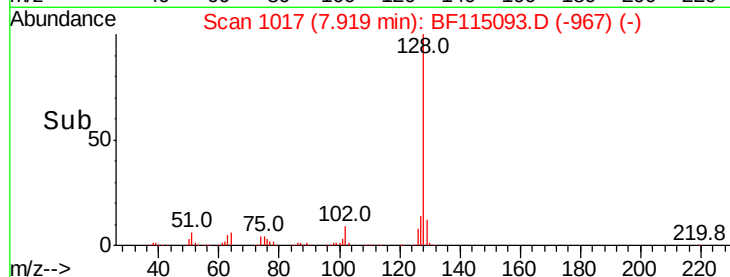
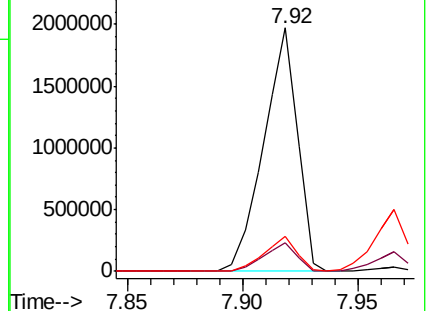
127 14.2 11.4 17.0



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: 50.616 ng

RT: 7.70 min Scan# 979

Delta R.T. 0.01 min

Lab File: BF115093.D

Acq: 21 Jun 2019 22:18

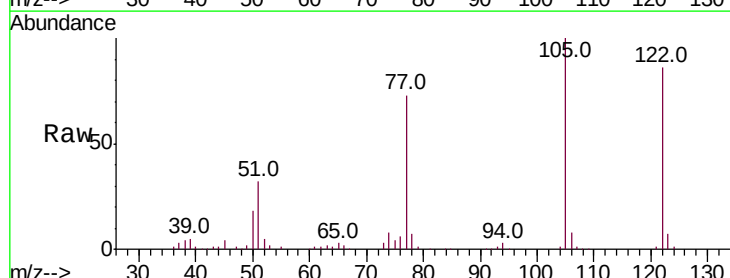
Tgt Ion:122 Resp: 471245

Ion Ratio Lower Upper

122 100

105 116.9 98.2 138.2

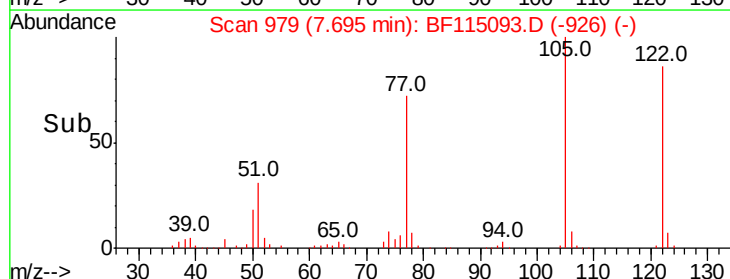
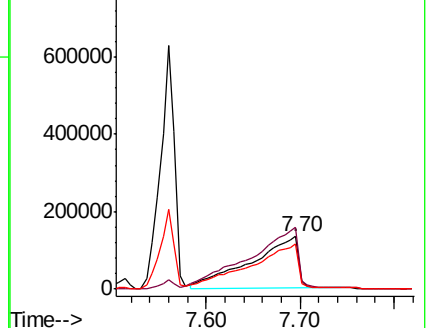
77 85.4 67.0 107.0

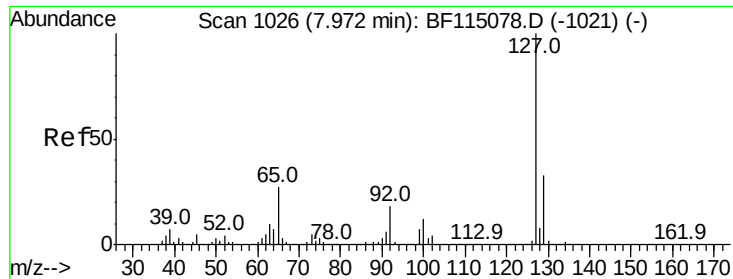


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

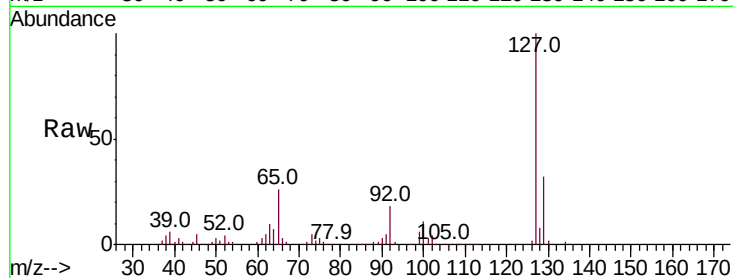




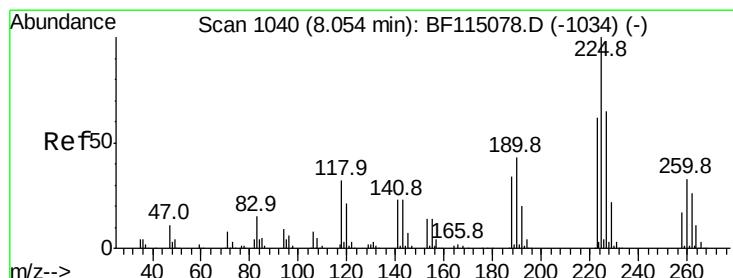
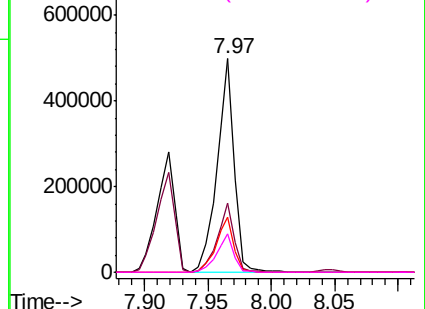
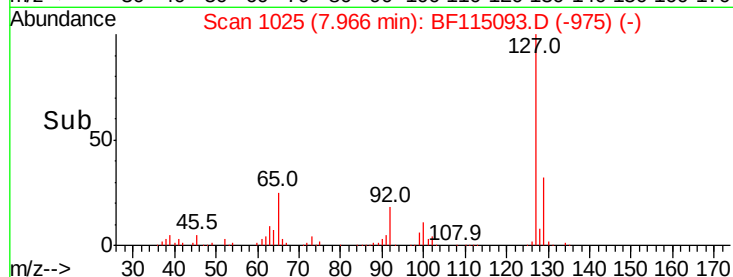
#33
4-Chloroaniline
Concen: 23.616 ng
RT: 7.97 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF115093.D
Acq: 21 Jun 2019 22:18

Instrument :
BNA_F
ClientSampleId :
PB120753BS

Tot Ion:	127	Resp:	477203
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.1	39.1
65	26.0	21.4	32.2
92	18.1	14.1	21.1

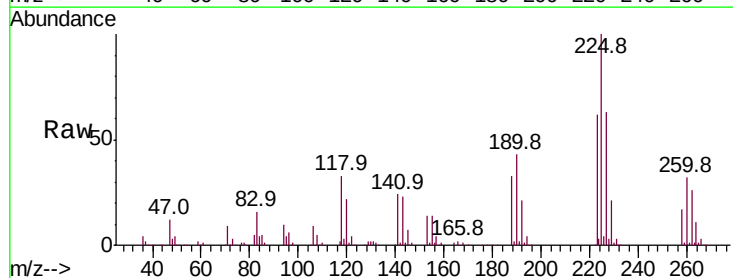


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

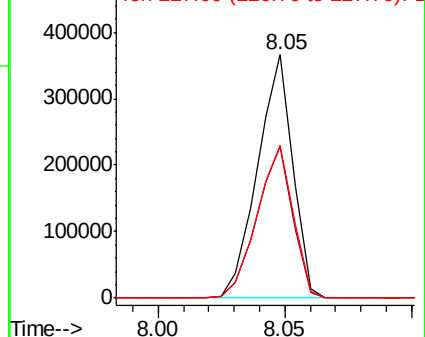
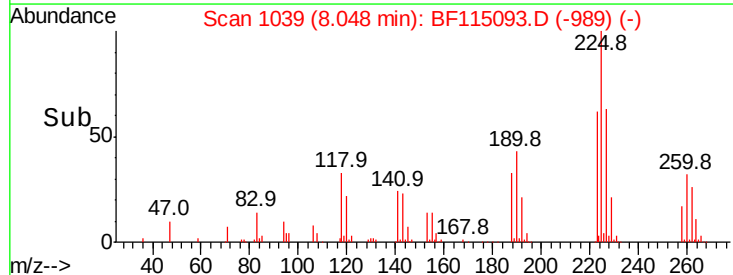


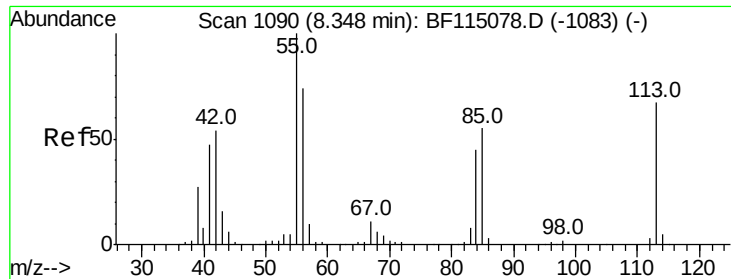
#34
Hexachlorobutadiene
Concen: 43.306 ng
RT: 8.05 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF115093.D
Acq: 21 Jun 2019 22:18

Tgt Ion:	225	Resp:	352840
Ion	Ratio	Lower	Upper
225	100		
223	62.0	49.4	74.2
227	62.9	51.8	77.8



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

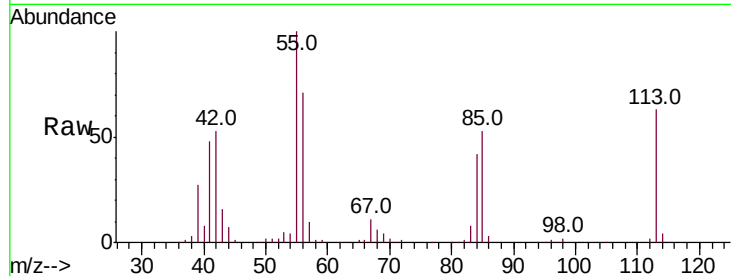




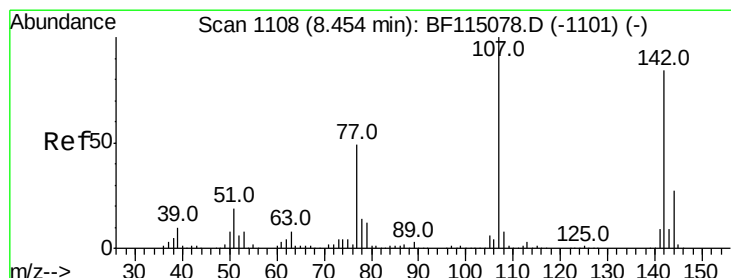
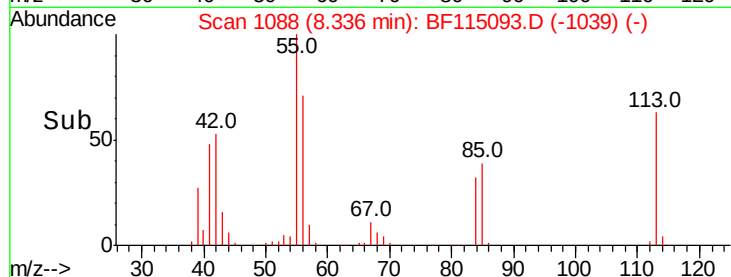
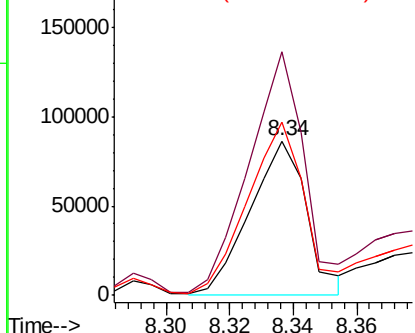
#35
 Caprolactam
 Concen: 23.728 ng
 RT: 8.34 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: BF115093.D
 Acq: 21 Jun 2019 22:18

Instrument :
 BNA_F
 ClientSampleId :
 PB120753BS

Tot Ion:113 Resp: 107379
 Ion Ratio Lower Upper
 113 100
 55 158.0 130.2 170.2
 56 112.6 91.6 131.6

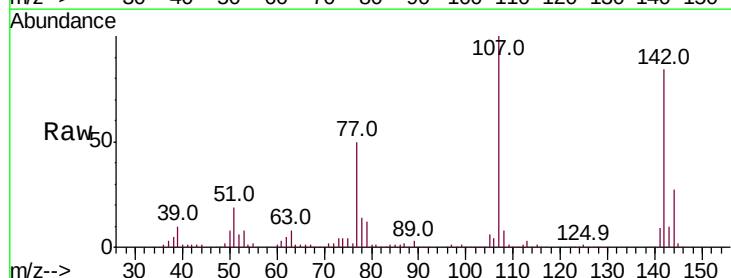


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

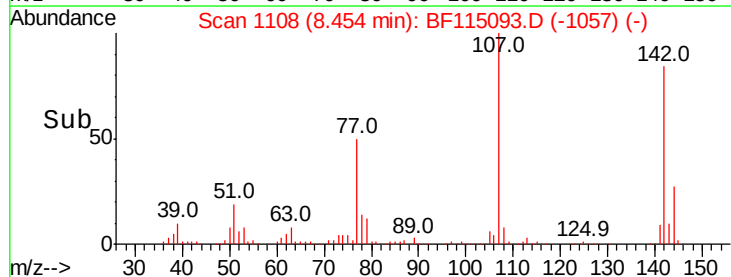
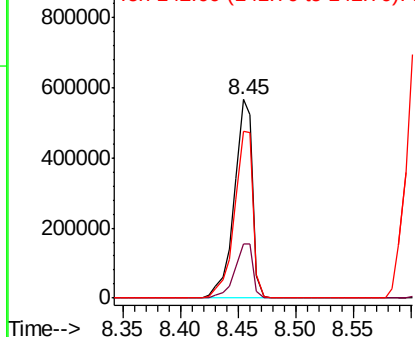


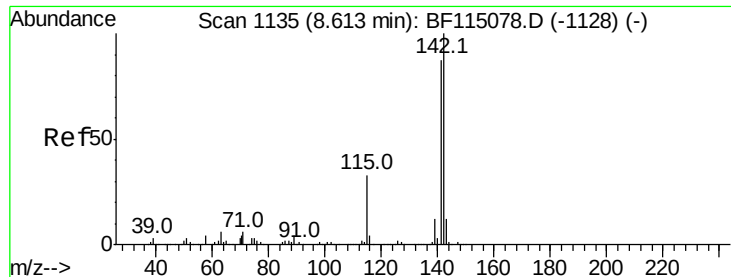
#36
 4-Chloro-3-methylphenol
 Concen: 45.302 ng
 RT: 8.45 min Scan# 1108
 Delta R.T. 0.00 min
 Lab File: BF115093.D
 Acq: 21 Jun 2019 22:18

Tgt Ion:107 Resp: 617536
 Ion Ratio Lower Upper
 107 100
 144 27.3 21.7 32.5
 142 84.2 67.0 100.4



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

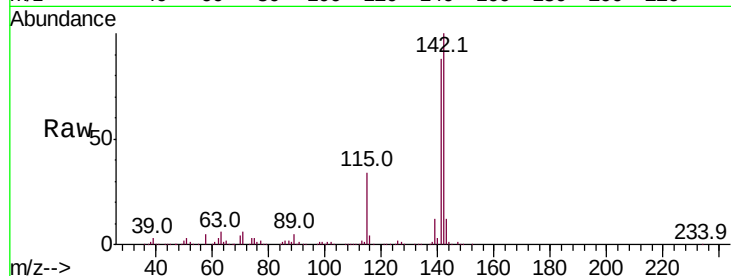




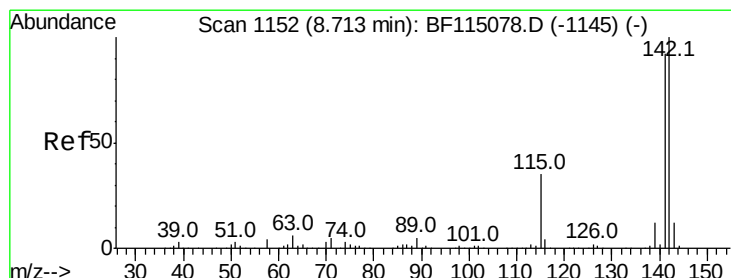
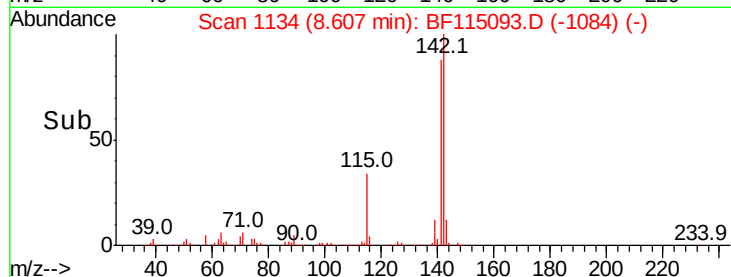
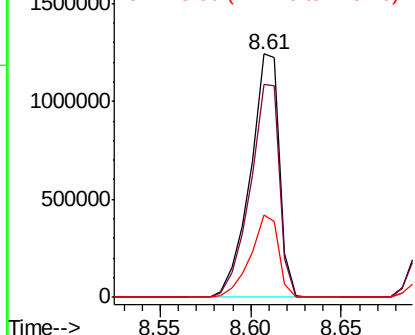
#37
2-Methylnaphthalene
Concen: 46.561 ng
RT: 8.61 min Scan# 1134
Delta R.T. -0.01 min
Lab File: BF115093.D
Acq: 21 Jun 2019 22:18

Instrument :
BNA_F
ClientSampleId :
PB120753BS

Tot Ion:142 Resp: 1388043
Ion Ratio Lower Upper
142 100
141 87.6 69.8 104.6
115 33.7 26.7 40.1

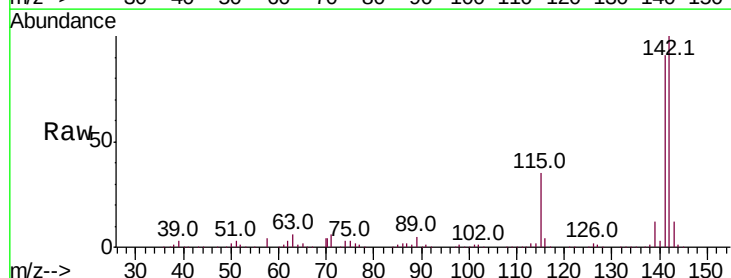


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

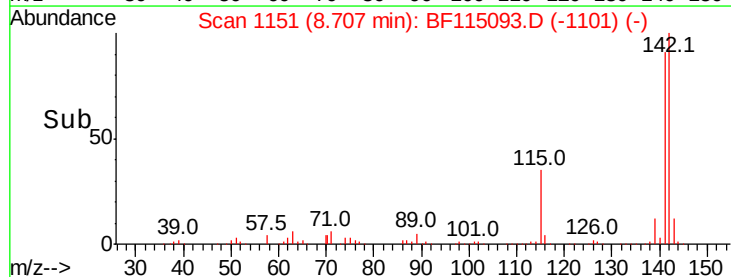
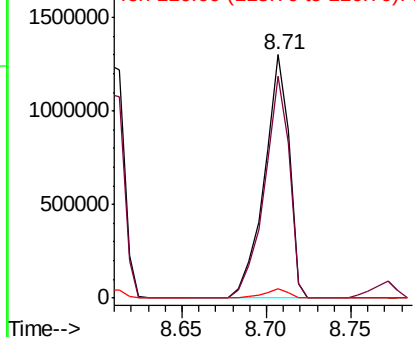


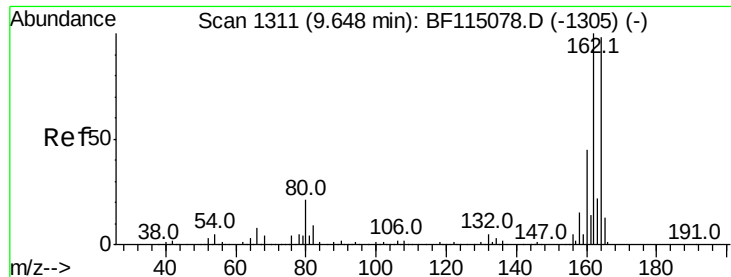
#38
1-Methylnaphthalene
Concen: 46.228 ng
RT: 8.71 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF115093.D
Acq: 21 Jun 2019 22:18

Tgt Ion:142 Resp: 1316205
Ion Ratio Lower Upper
142 100
141 91.2 73.8 110.8
116 3.7 2.8 4.2



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

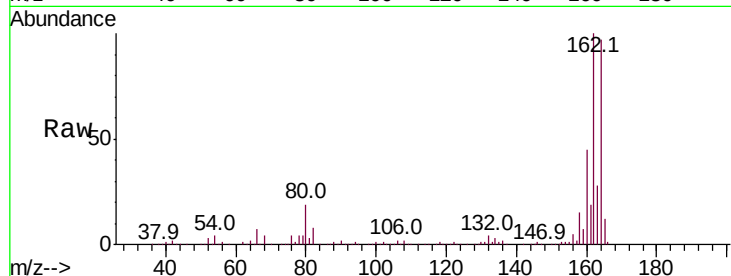




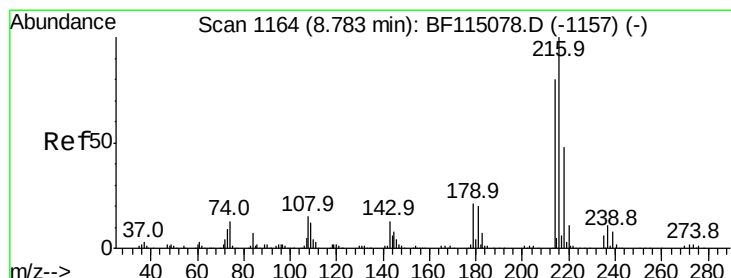
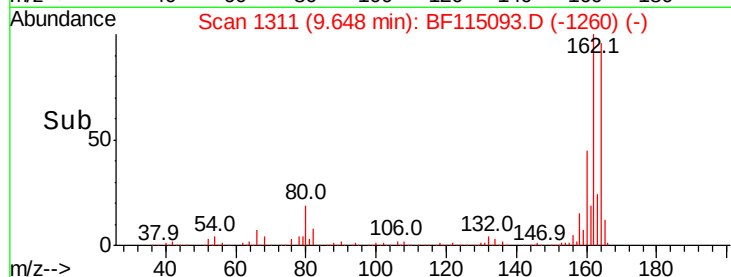
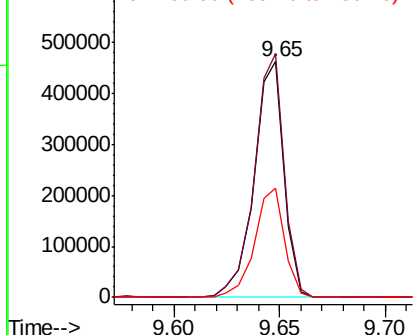
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.65 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BF115093.D
Acq: 21 Jun 2019 22:18

Instrument :
BNA_F
ClientSampleId :
PB120753BS

Tot Ion:164 Resp: 453891
Ion Ratio Lower Upper
164 100
162 103.3 81.7 122.5
160 46.4 37.0 55.4

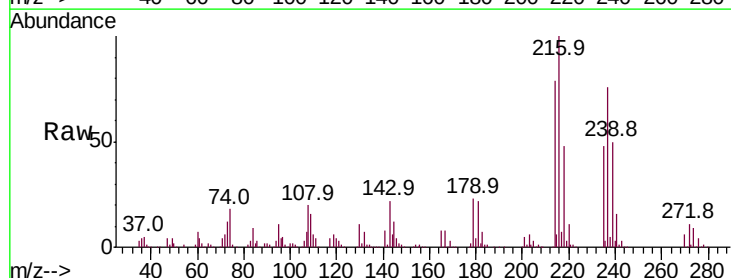


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

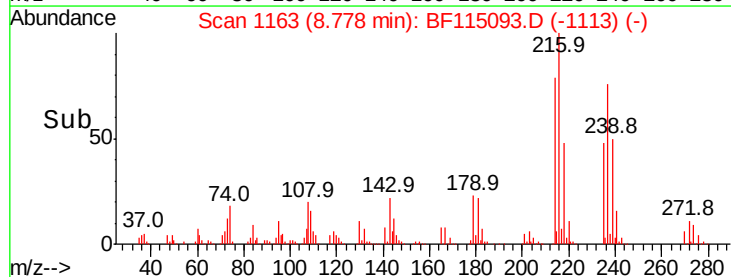
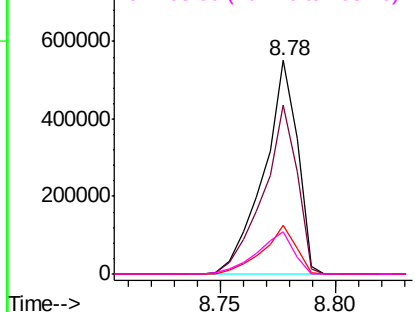


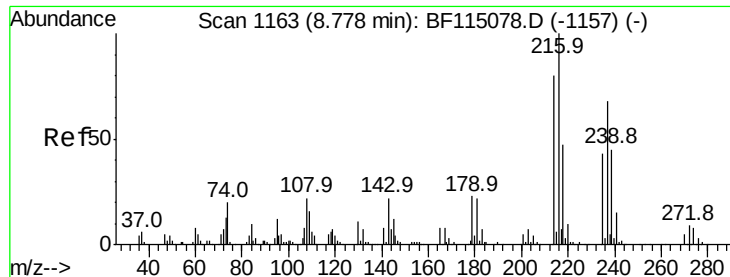
#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.593 ng
RT: 8.78 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF115093.D
Acq: 21 Jun 2019 22:18

Tgt Ion:216 Resp: 559130
Ion Ratio Lower Upper
216 100
214 79.2 63.8 95.6
179 22.1 17.6 26.4
108 21.4 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: 90.535 ng

RT: 8.77 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BF115093.D

Acq: 21 Jun 2019 22:18

Instrument :

BNA_F

ClientSampleId :

PB120753BS

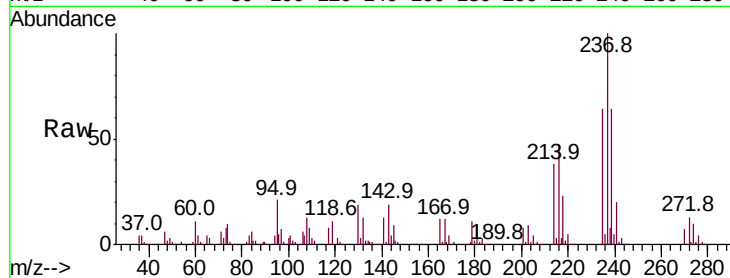
Tot Ion:237 Resp: 688560

Ion Ratio Lower Upper

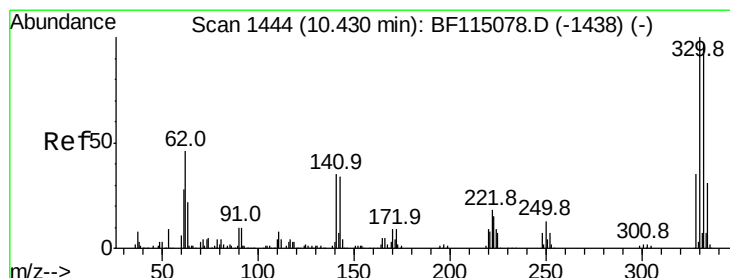
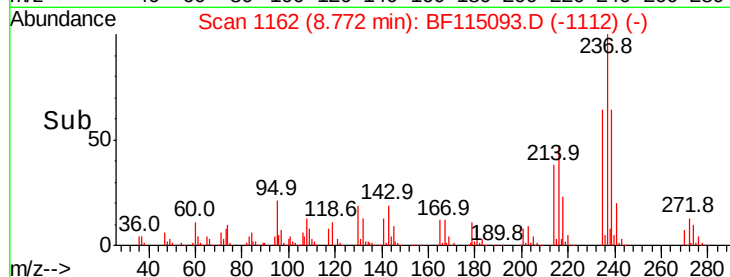
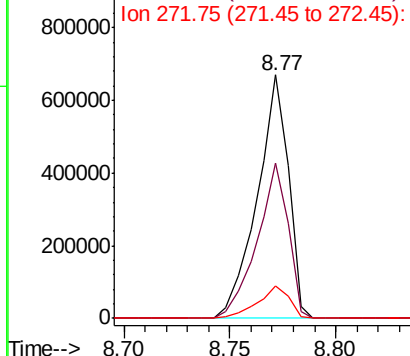
237 100

235 63.9 43.9 83.9

272 13.1 0.0 33.8



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



#42

2,4,6-Tribromophenol

Concen: 121.927 ng

RT: 10.43 min Scan# 1444

Delta R.T. 0.00 min

Lab File: BF115093.D

Acq: 21 Jun 2019 22:18

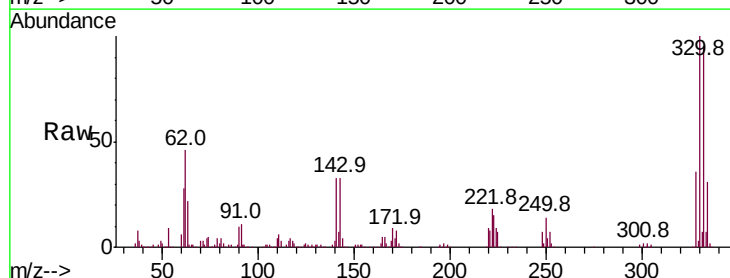
Tgt Ion:330 Resp: 583597

Ion Ratio Lower Upper

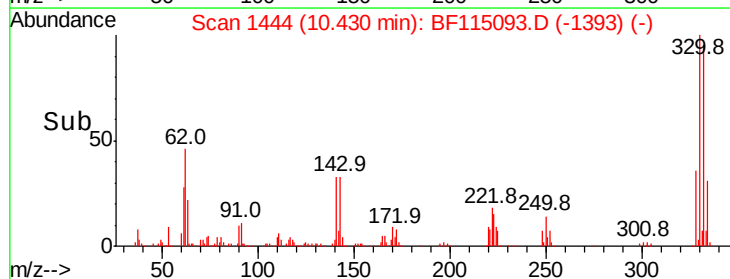
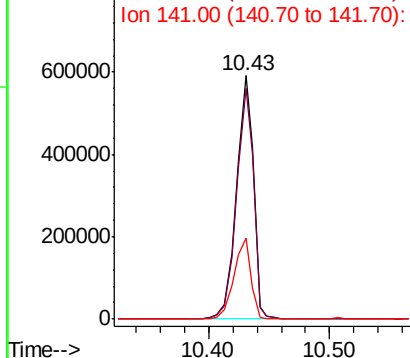
330 100

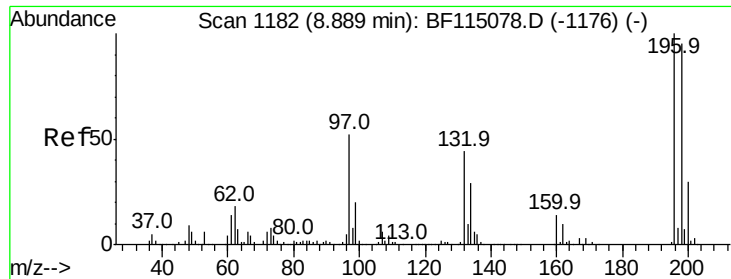
332 95.4 77.3 115.9

141 33.4 28.2 42.2



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

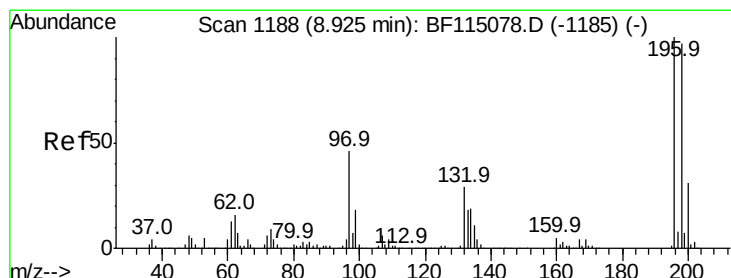
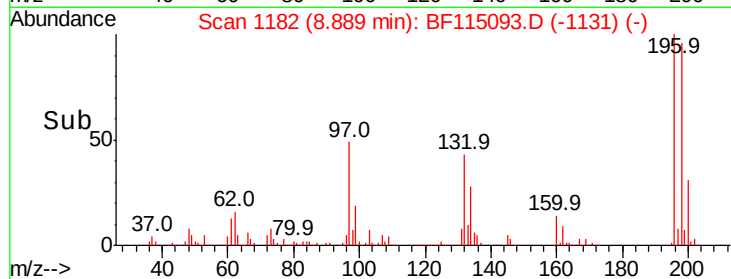
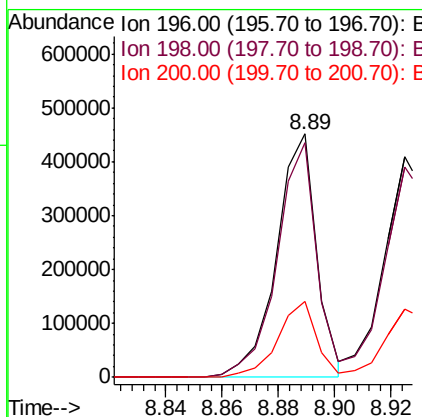
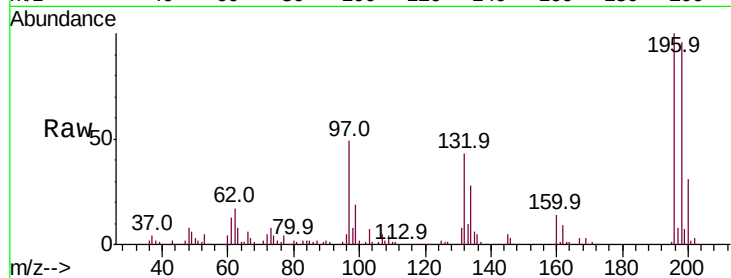




#43
 2,4,6-Trichlorophenol
 Concen: 44.918 ng
 RT: 8.89 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF115093.D
 Acq: 21 Jun 2019 22:18

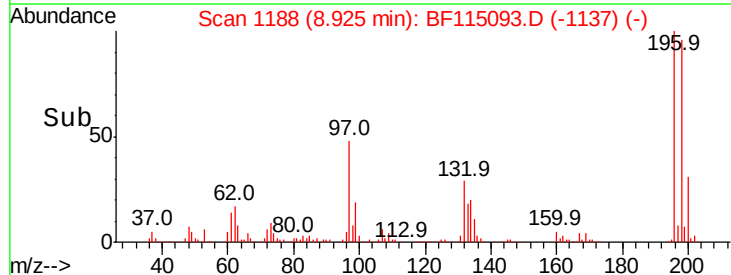
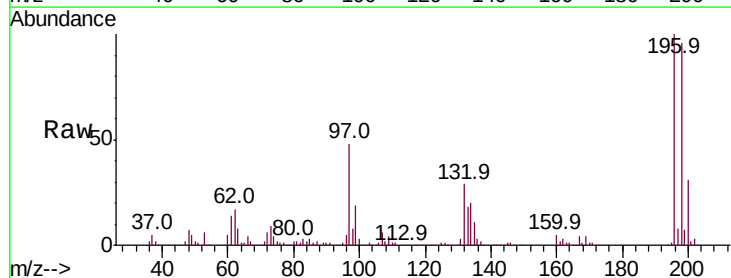
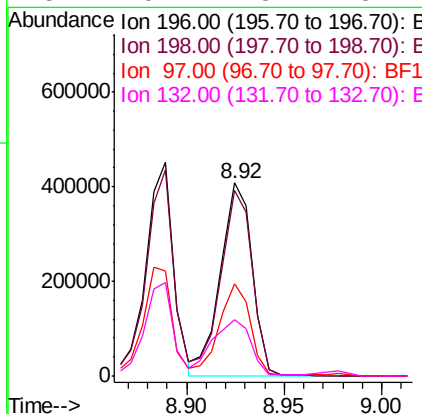
Instrument :
 BNA_F
 ClientSampleId :
 PB120753BS

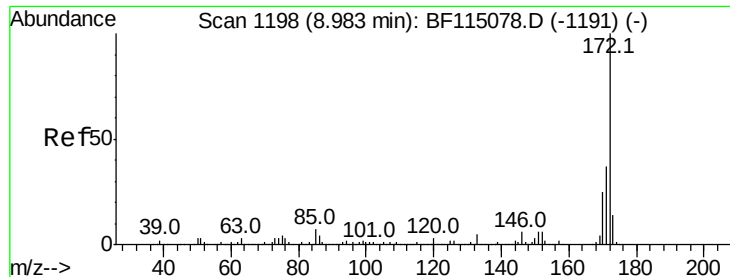
Tot Ion:196 Resp: 444789
 Ion Ratio Lower Upper
 196 100
 198 96.4 76.3 114.5
 200 31.1 24.2 36.4



#44
 2,4,5-Trichlorophenol
 Concen: 45.120 ng
 RT: 8.92 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF115093.D
 Acq: 21 Jun 2019 22:18

Tgt Ion:196 Resp: 460108
 Ion Ratio Lower Upper
 196 100
 198 95.9 77.1 115.7
 97 47.7 37.7 56.5
 132 29.4 23.1 34.7





#45

2-Fluorobiphenyl

Concen: 88.868 ng

RT: 8.98 min Scan# 1197

Delta R.T. -0.01 min

Lab File: BF115093.D

Acq: 21 Jun 2019 22:18

Instrument :

BNA_F

ClientSampled :

PB120753BS

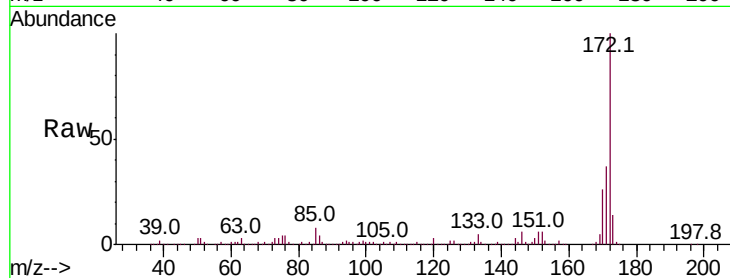
Tot Ion:172 Resp: 2374654

Ion Ratio Lower Upper

172 100

171 37.0 29.8 44.6

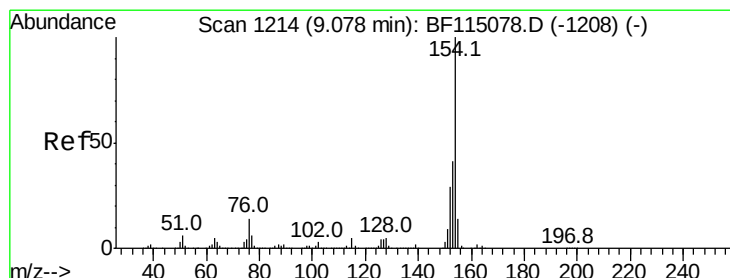
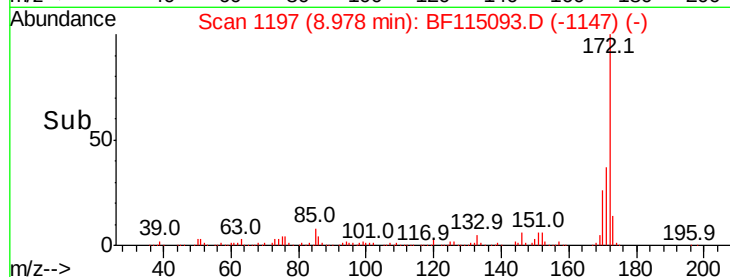
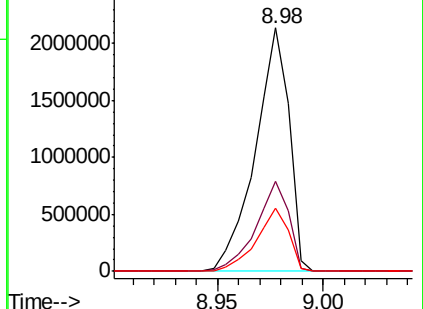
170 25.7 20.3 30.5



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 43.524 ng

RT: 9.08 min Scan# 1214

Delta R.T. 0.00 min

Lab File: BF115093.D

Acq: 21 Jun 2019 22:18

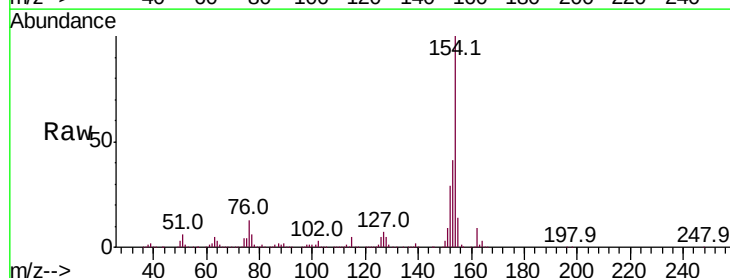
Tgt Ion:154 Resp: 1580693

Ion Ratio Lower Upper

154 100

153 41.4 20.9 60.9

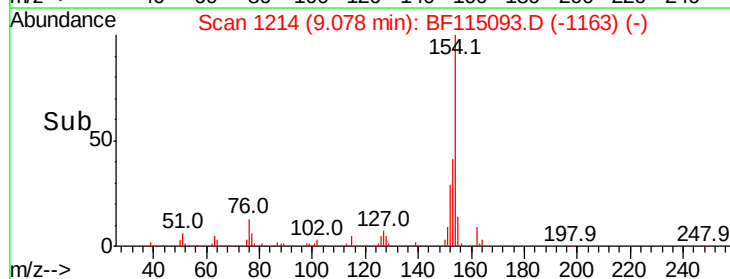
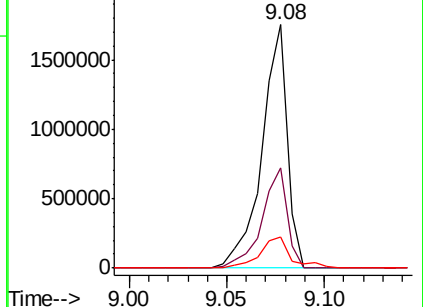
76 12.7 0.0 34.1

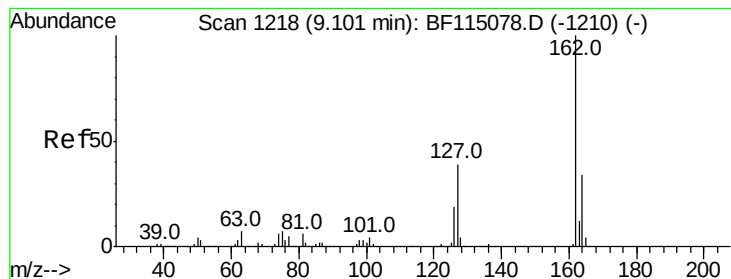


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 43.474 ng

RT: 9.10 min Scan# 1217

Delta R.T. -0.01 min

Lab File: BF115093.D

Acq: 21 Jun 2019 22:18

Instrument :

BNA_F

ClientSampleId :

PB120753BS

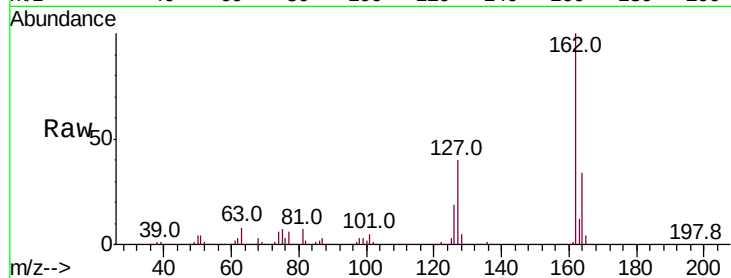
Tot Ion:162 Resp: 1280726

Ion Ratio Lower Upper

162 100

127 40.4 30.8 46.2

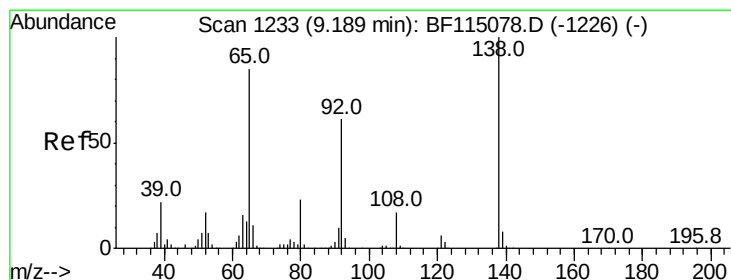
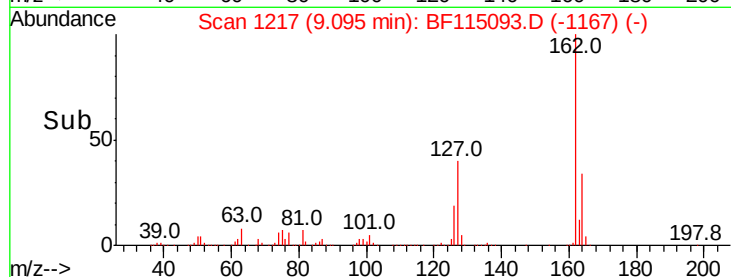
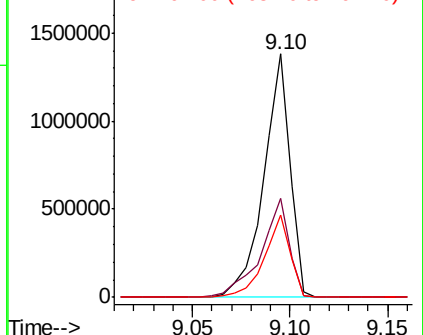
164 33.7 27.0 40.4



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: 43.763 ng

RT: 9.19 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BF115093.D

Acq: 21 Jun 2019 22:18

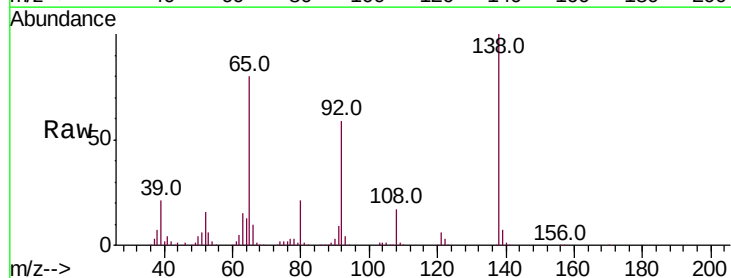
Tgt Ion: 65 Resp: 375865

Ion Ratio Lower Upper

65 100

92 73.5 57.4 86.2

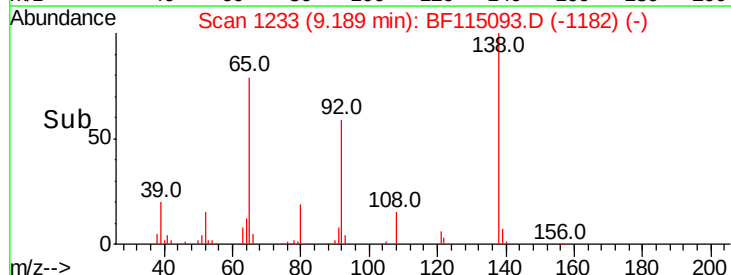
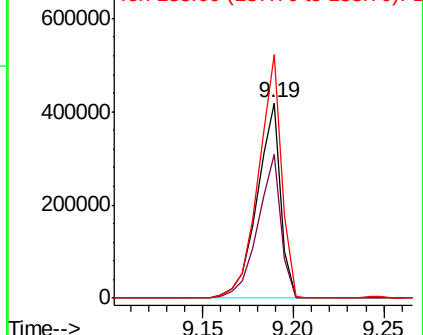
138 124.9 94.1 141.1

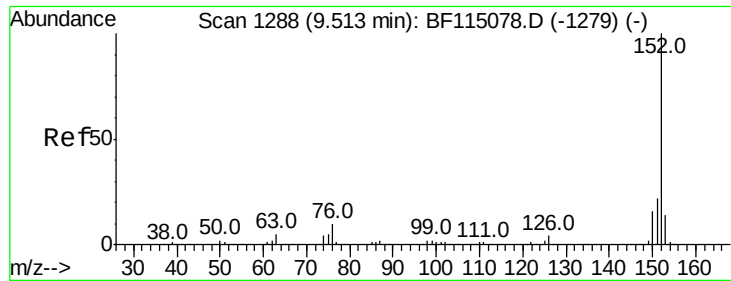


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 44.195 ng

RT: 9.51 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF115093.D

Acq: 21 Jun 2019 22:18

Instrument :

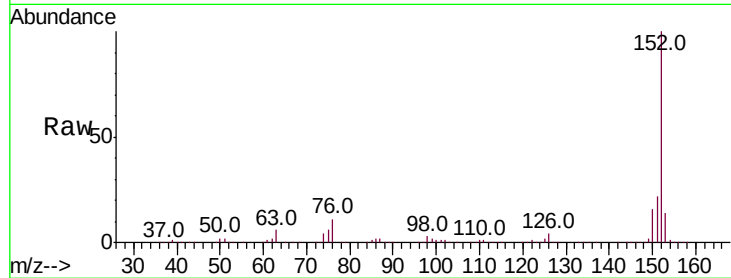
BNA_F

ClientSampleId :

PB120753BS

Tot Ion:152 Resp: 2028494

Ion	Ratio	Lower	Upper
152	100		
151	21.7	17.2	25.8
153	14.2	11.0	16.6

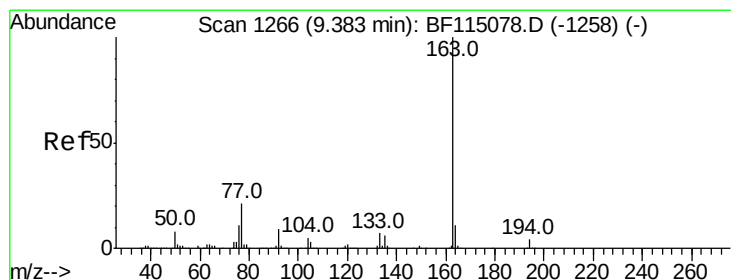
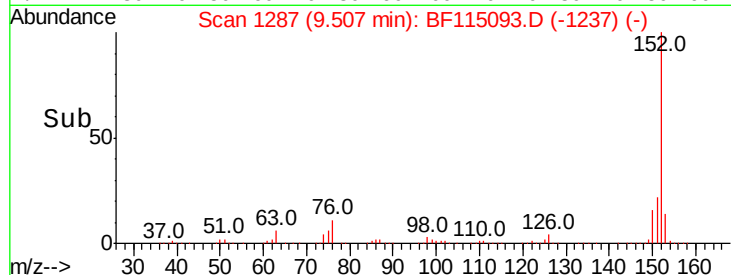
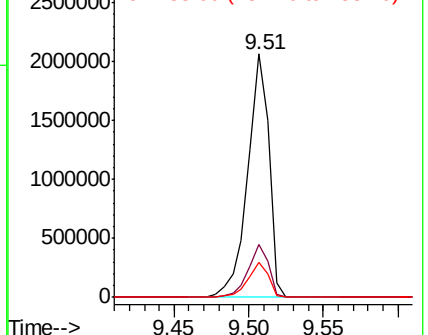


Abundance

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: 44.122 ng

RT: 9.38 min Scan# 1266

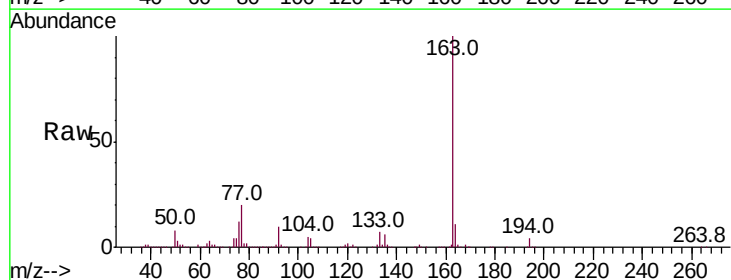
Delta R.T. 0.00 min

Lab File: BF115093.D

Acq: 21 Jun 2019 22:18

Tgt Ion:163 Resp: 1473398

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	10.7	8.6	13.0

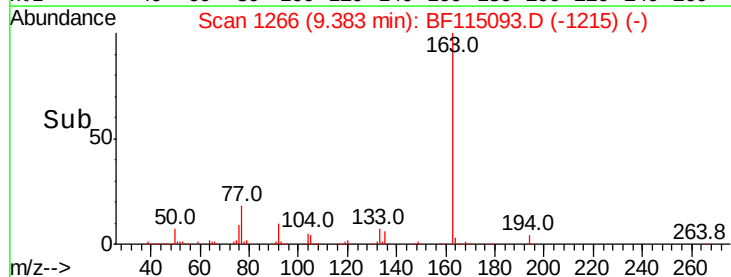
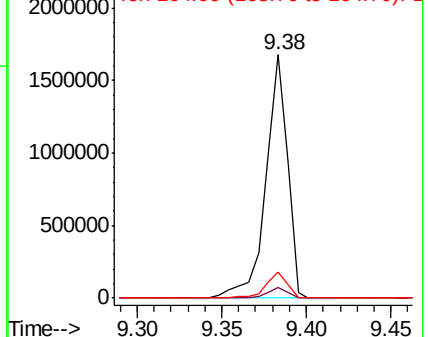


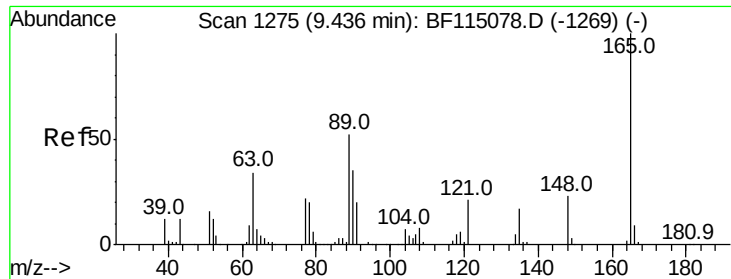
Abundance

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

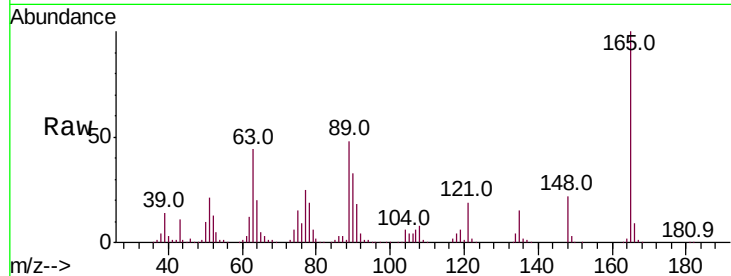




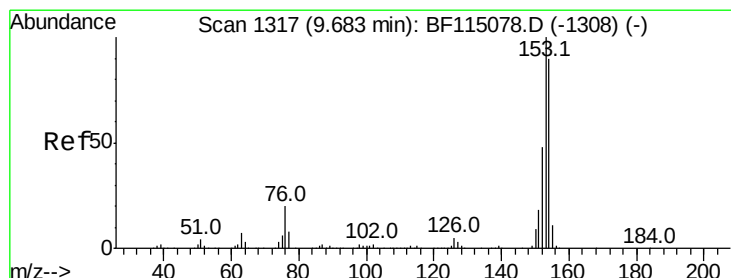
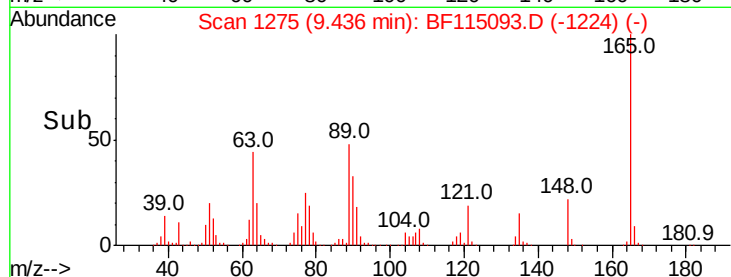
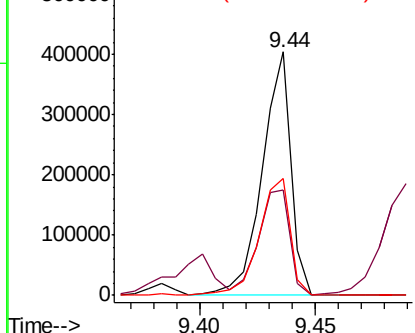
#51
 2,6-Dinitrotoluene
 Concen: 45.329 ng
 RT: 9.44 min Scan# 1275
 Delta R.T. 0.00 min
 Lab File: BF115093.D
 Acq: 21 Jun 2019 22:18

Instrument :
 BNA_F
 ClientSampleId :
 PB120753BS

Tot Ion:165 Resp: 349468
 Ion Ratio Lower Upper
 165 100
 63 43.5 39.4 59.2
 89 47.9 42.0 63.0

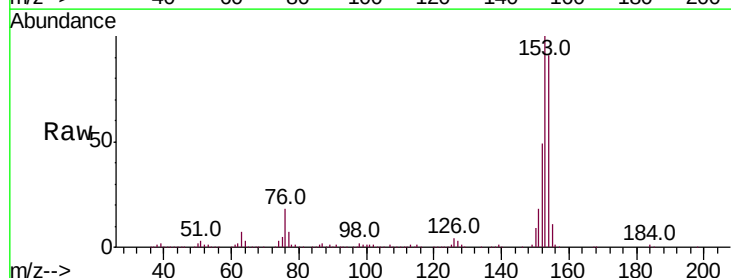


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

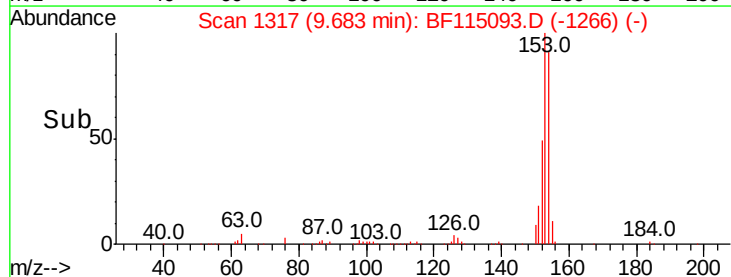
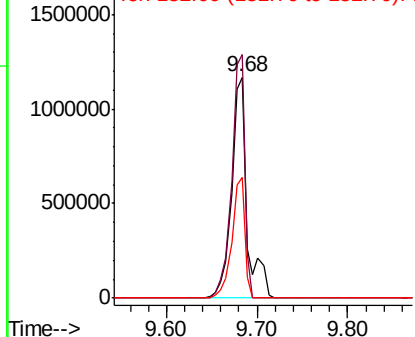


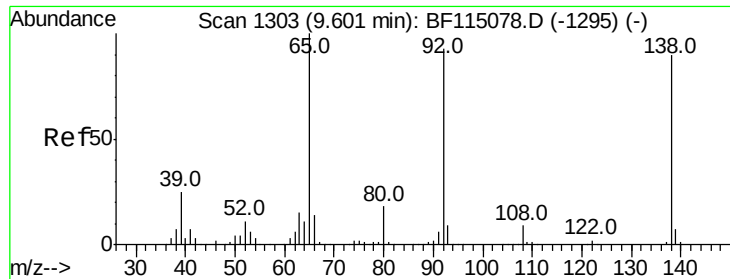
#52
 Acenaphthene
 Concen: 48.402 ng
 RT: 9.68 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: BF115093.D
 Acq: 21 Jun 2019 22:18

Tgt Ion:154 Resp: 1390158
 Ion Ratio Lower Upper
 154 100
 153 110.3 88.7 133.1
 152 54.4 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

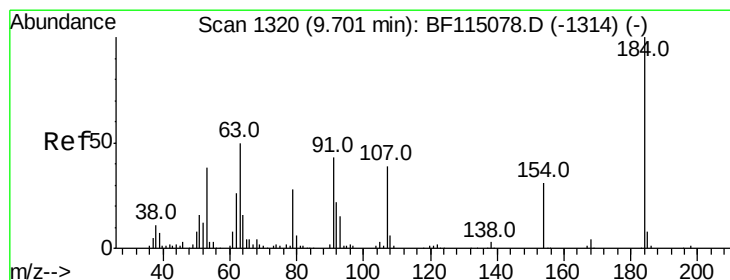
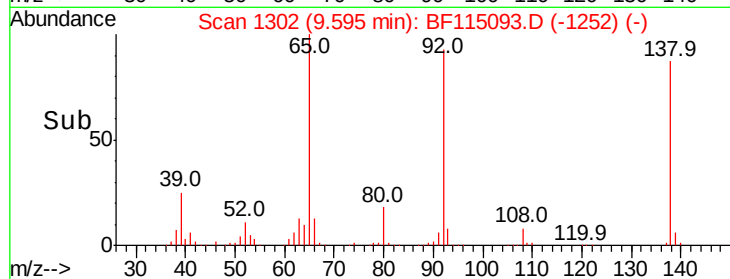
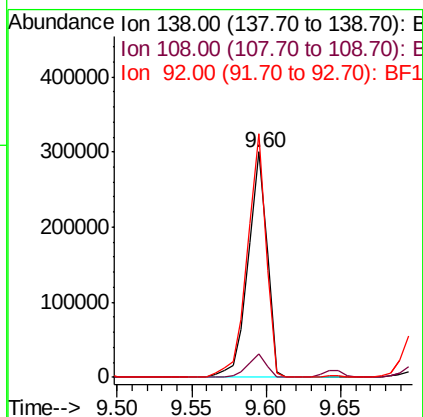
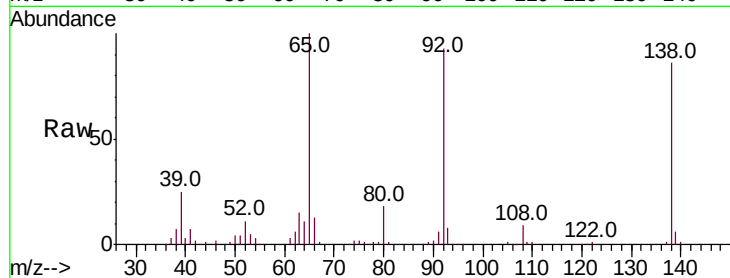




#53
 3-Nitroaniline
 Concen: 28.051 ng
 RT: 9.60 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF115093.D
 Acq: 21 Jun 2019 22:18

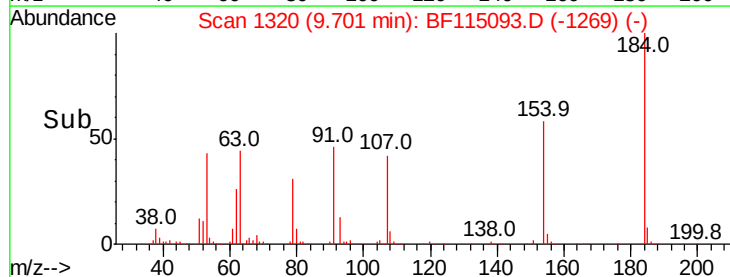
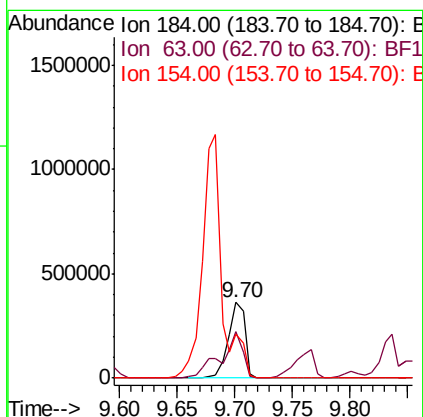
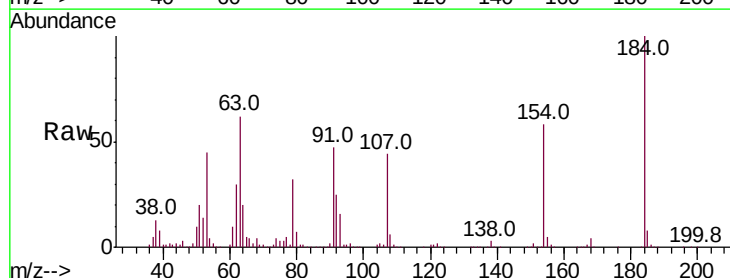
Instrument :
 BNA_F
 ClientSampleId :
 PB120753BS

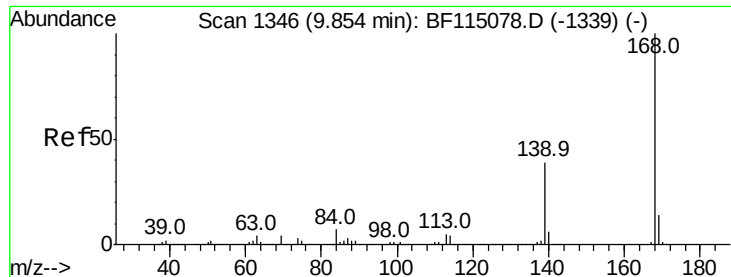
Tot Ion:138 Resp: 263913
 Ion Ratio Lower Upper
 138 100
 108 10.1 7.8 11.6
 92 107.9 82.9 124.3



#54
 2,4-Dinitrophenol
 Concen: 90.860 ng
 RT: 9.70 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: BF115093.D
 Acq: 21 Jun 2019 22:18

Tgt Ion:184 Resp: 364806
 Ion Ratio Lower Upper
 184 100
 63 62.3 41.9 62.9
 154 58.5 44.7 67.1

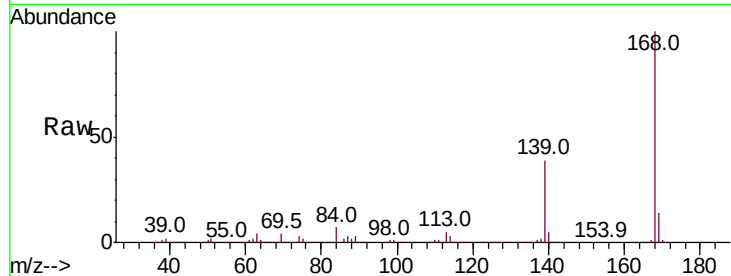




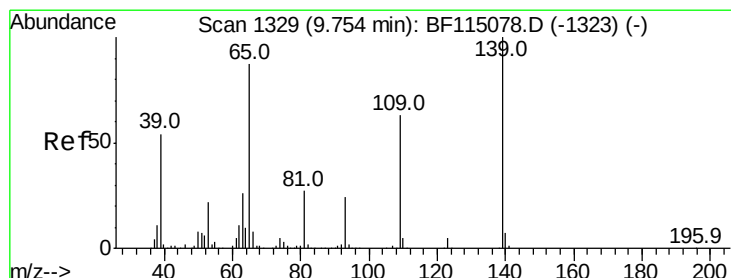
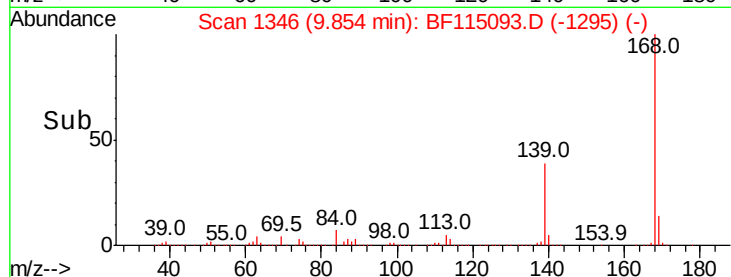
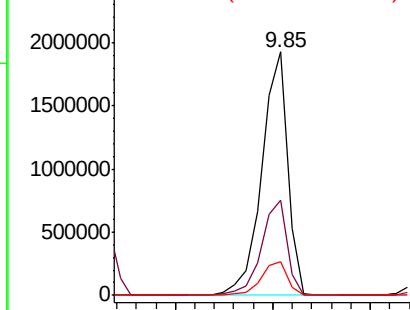
#55
 Dibenzofuran
 Concen: 42.892 ng
 RT: 9.85 min Scan# 1346
 Delta R.T. 0.00 min
 Lab File: BF115093.D
 Acq: 21 Jun 2019 22:18

Instrument :
 BNA_F
 ClientSampleId :
 PB120753BS

Tot Ion:168 Resp: 1768123
 Ion Ratio Lower Upper
 168 100
 139 38.8 31.1 46.7
 169 14.0 11.3 16.9

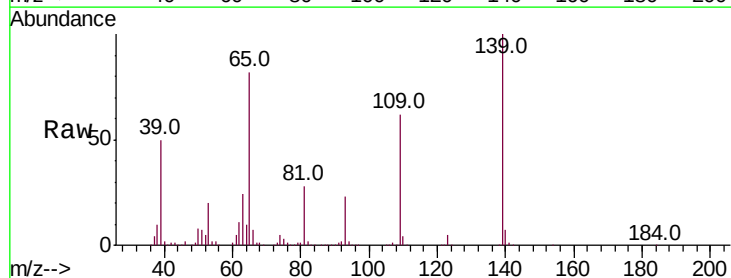


Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

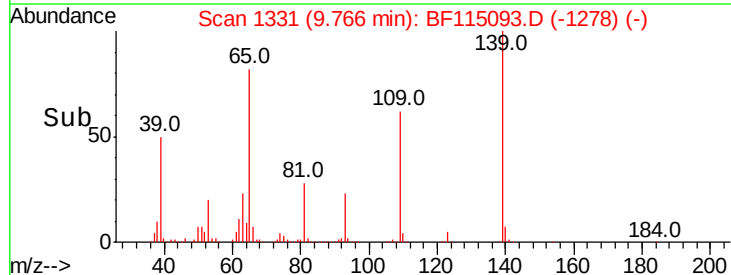
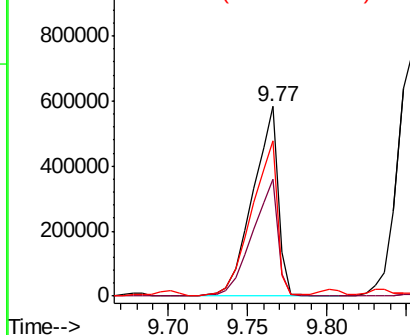


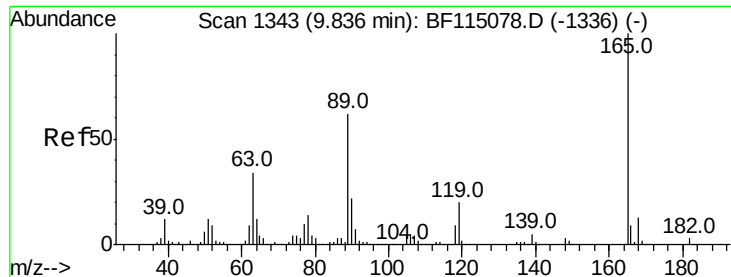
#56
 4-Nitrophenol
 Concen: 86.363 ng
 RT: 9.77 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: BF115093.D
 Acq: 21 Jun 2019 22:18

Tgt Ion:139 Resp: 651402
 Ion Ratio Lower Upper
 139 100
 109 62.0 43.0 83.0
 65 81.9 67.0 107.0



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

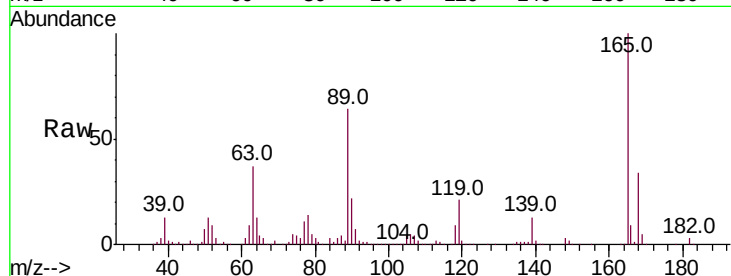




#57
 2,4-Dinitrotoluene
 Concen: 46.951 ng
 RT: 9.84 min Scan# 1343
 Delta R.T. 0.00 min
 Lab File: BF115093.D
 Acq: 21 Jun 2019 22:18

Instrument :
 BNA_F
 ClientSampleId :
 PB120753BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	37.5	27.5	41.3
89	64.0	49.9	74.9
182	2.7	2.1	3.1



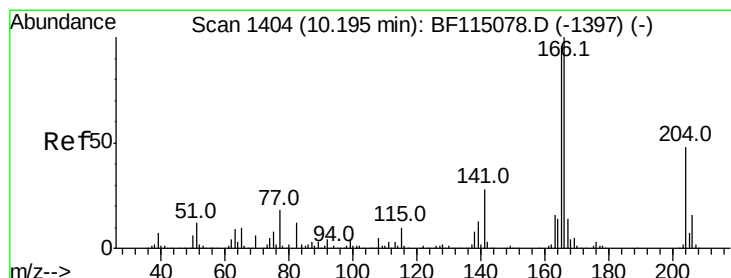
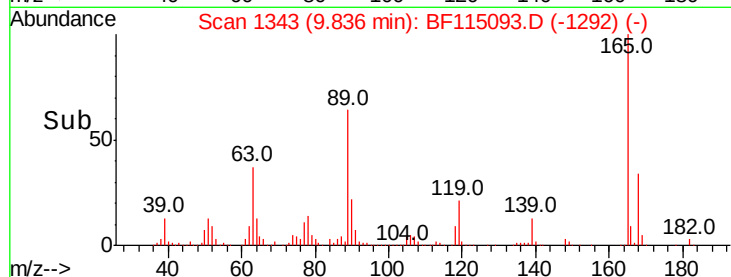
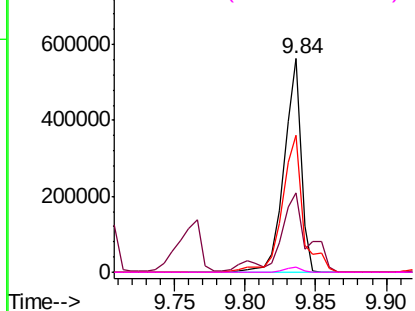
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

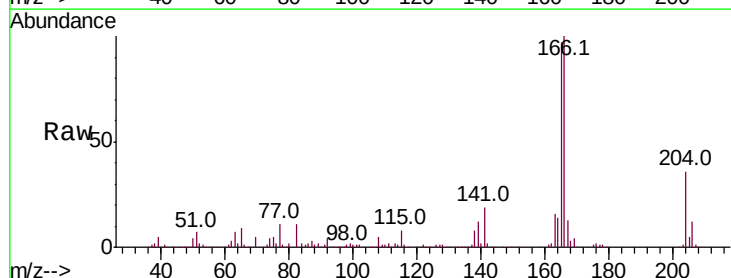
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 45.110 ng
 RT: 10.20 min Scan# 1404
 Delta R.T. 0.00 min
 Lab File: BF115093.D
 Acq: 21 Jun 2019 22:18

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.0	76.5	114.7
167	13.4	11.0	16.4

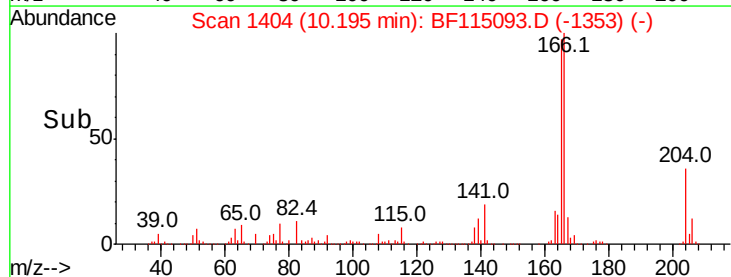
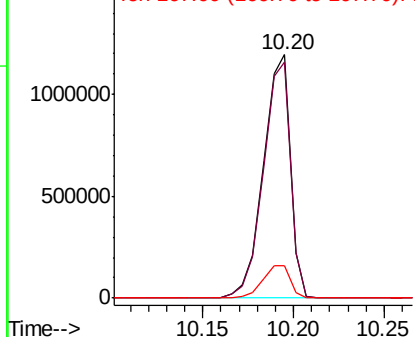


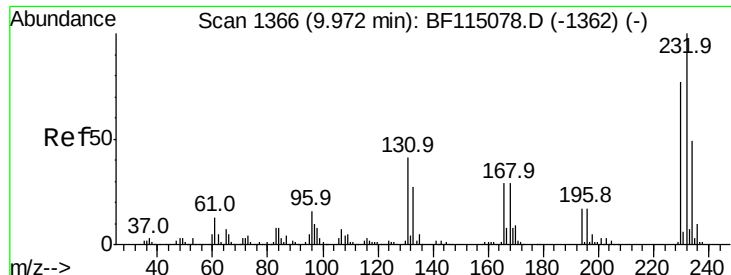
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

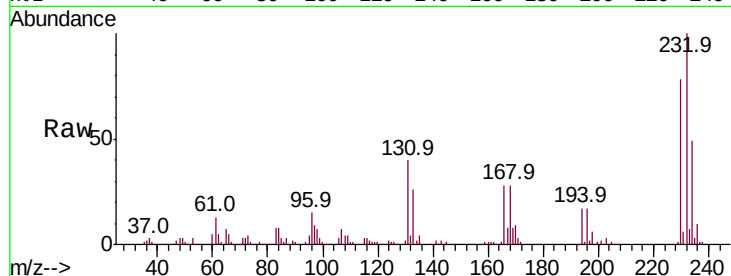




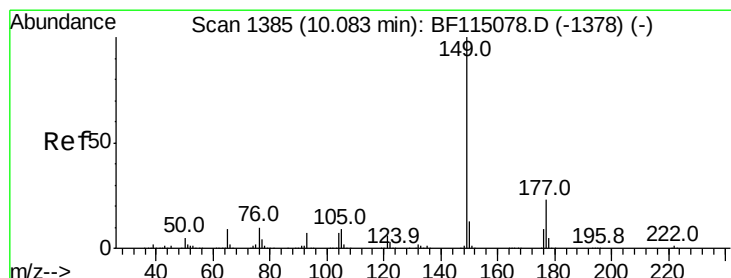
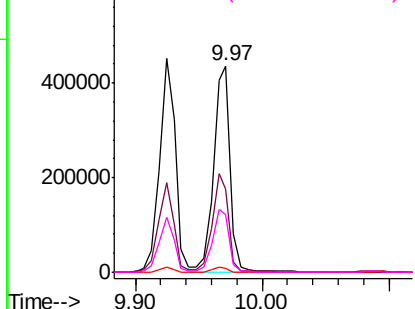
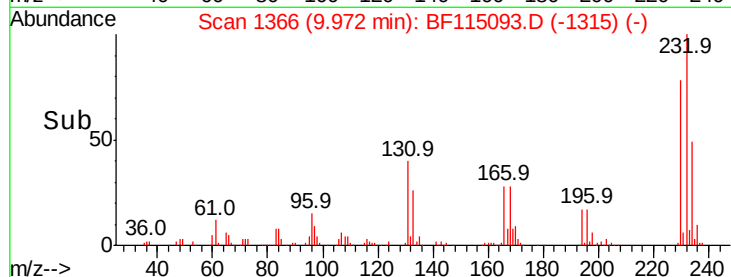
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.121 ng
 RT: 9.97 min Scan# 1366
 Delta R.T. 0.00 min
 Lab File: BF115093.D
 Acq: 21 Jun 2019 22:18

Instrument :
 BNA_F
 ClientSampleId :
 PB120753BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.2	37.4	56.0
130	2.2	1.8	2.6
166	31.0	24.6	36.8

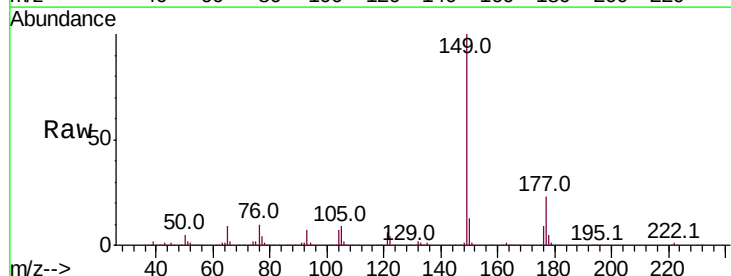


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

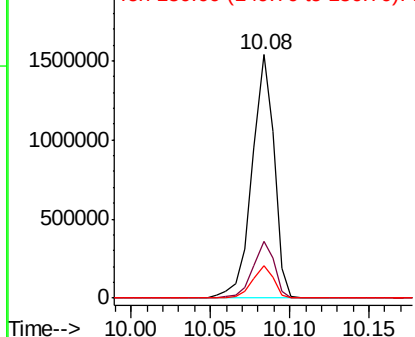
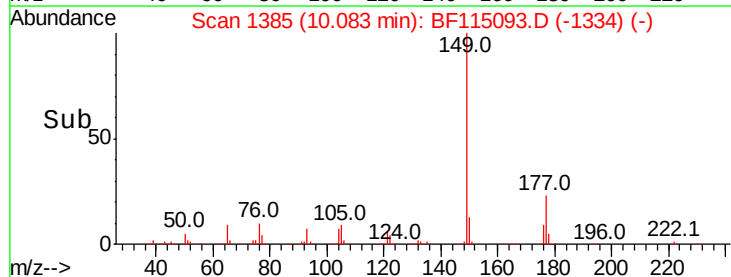


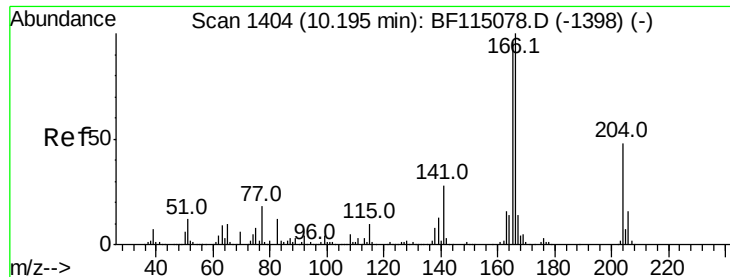
#60
 Diethylphthalate
 Concen: 44.264 ng
 RT: 10.08 min Scan# 1385
 Delta R.T. 0.00 min
 Lab File: BF115093.D
 Acq: 21 Jun 2019 22:18

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.5	18.7	28.1
150	13.4	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

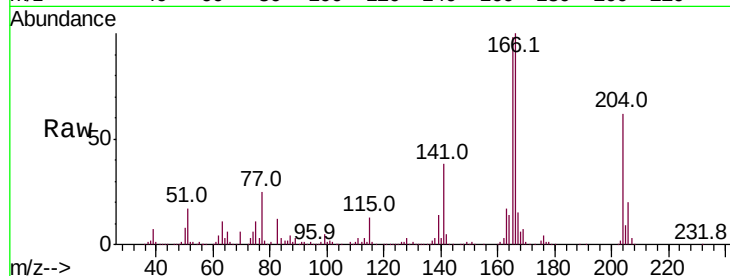




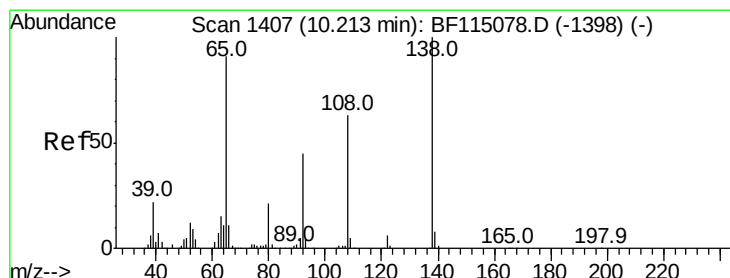
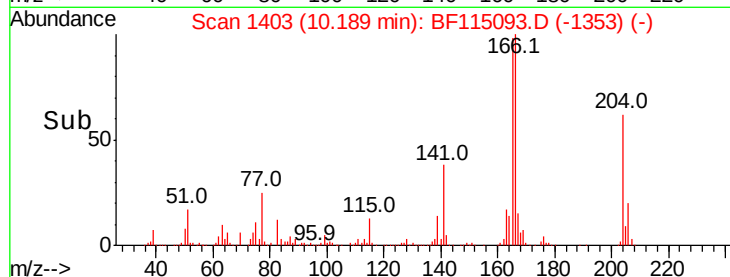
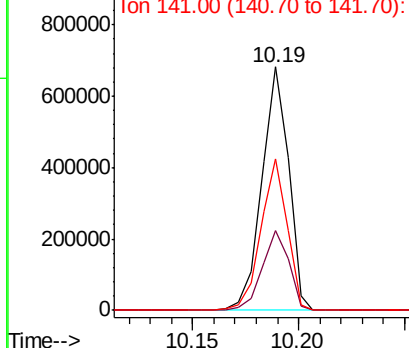
#61
4-Chlorophenyl-phenylether
Concen: 46.270 ng
RT: 10.19 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF115093.D
Acq: 21 Jun 2019 22:18

Instrument :
BNA_F
ClientSampleId :
PB120753BS

Tot Ion:204 Resp: 600981
Ion Ratio Lower Upper
204 100
206 32.8 26.6 40.0
141 62.4 46.7 70.1

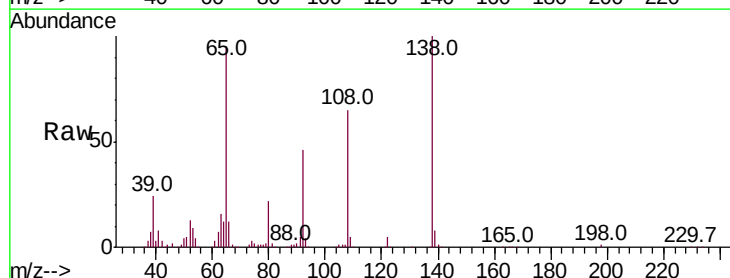


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

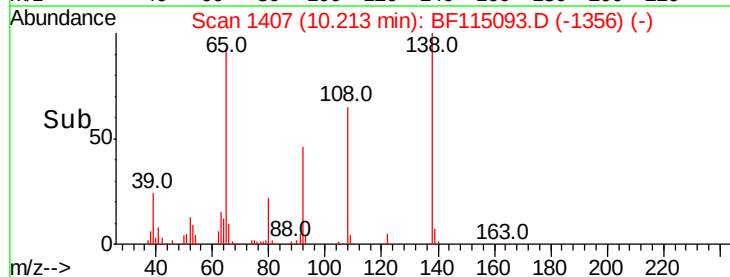
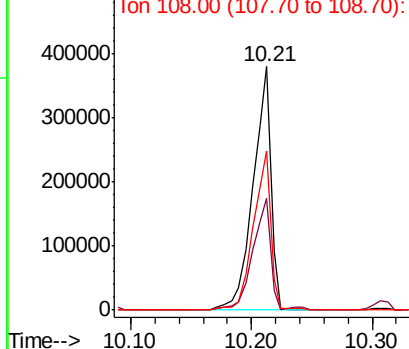


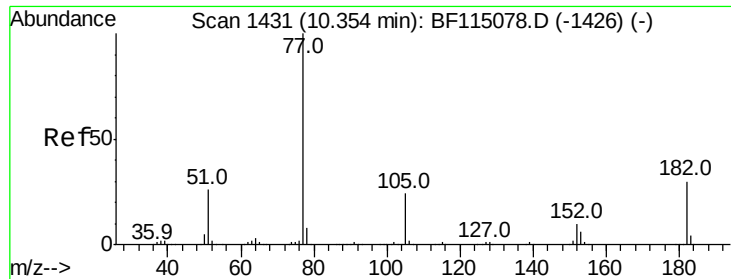
#62
4-Nitroaniline
Concen: 41.794 ng
RT: 10.21 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BF115093.D
Acq: 21 Jun 2019 22:18

Tgt Ion:138 Resp: 394468
Ion Ratio Lower Upper
138 100
92 45.9 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: 44.886 ng

RT: 10.35 min Scan# 1430

Delta R.T. -0.01 min

Lab File: BF115093.D

Acq: 21 Jun 2019 22:18

Instrument :

BNA_F

ClientSampleId :

PB120753BS

Tot Ion: 77 Resp: 1407324

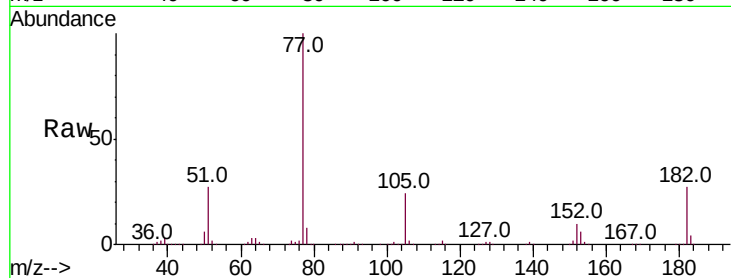
Ion	Ratio	Lower	Upper
77	100		
182	26.6	10.1	50.1
105	24.1	4.5	44.5
51	27.4	6.4	46.4

77 100

182 26.6 10.1 50.1

105 24.1 4.5 44.5

51 27.4 6.4 46.4

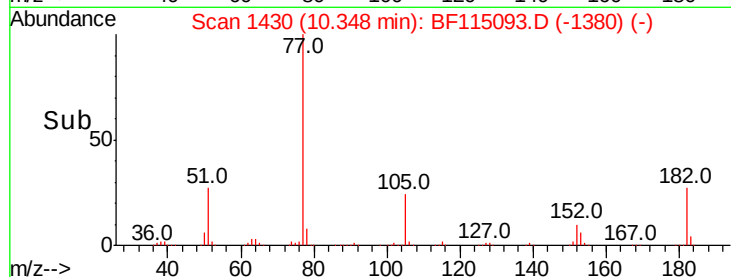


Abundance Ion 77.00 (76.70 to 77.70): BF1

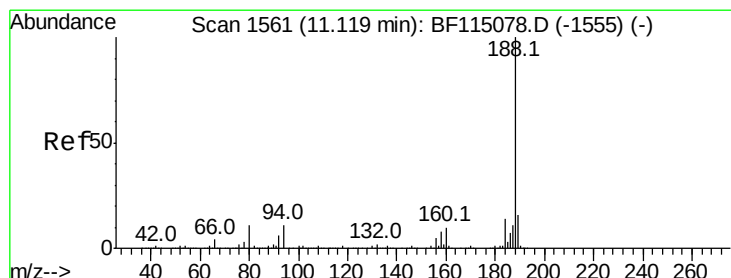
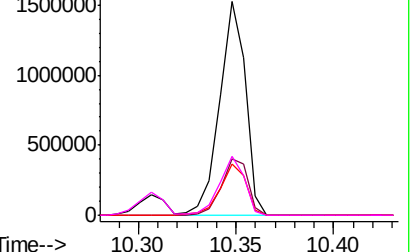
Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.12 min Scan# 1561

Delta R.T. 0.00 min

Lab File: BF115093.D

Acq: 21 Jun 2019 22:18

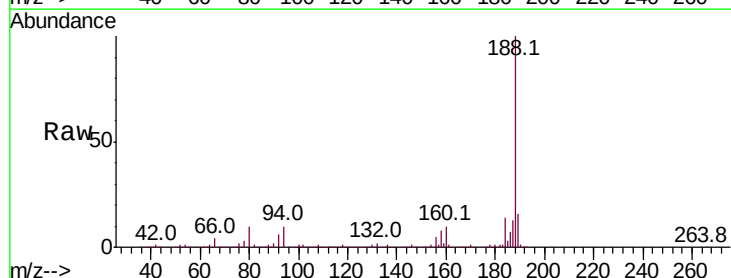
Tgt Ion: 188 Resp: 897262

Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.6	12.8
80	10.5	8.8	13.2

188 100

94 10.0 8.6 12.8

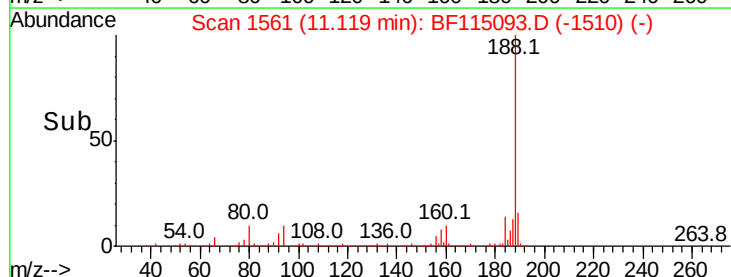
80 10.5 8.8 13.2



Abundance Ion 188.00 (187.70 to 188.70): BF1

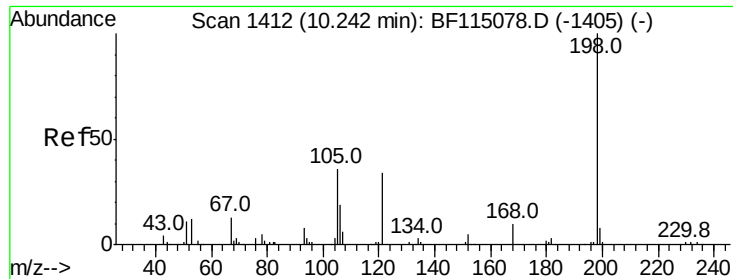
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time-->

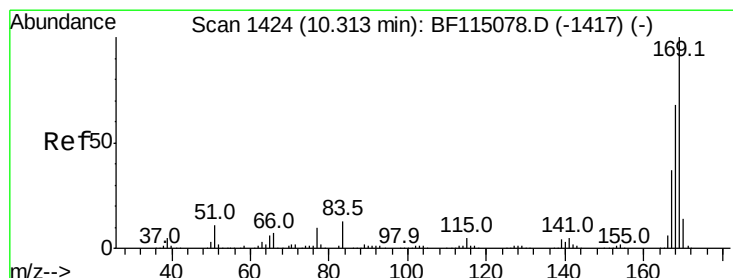
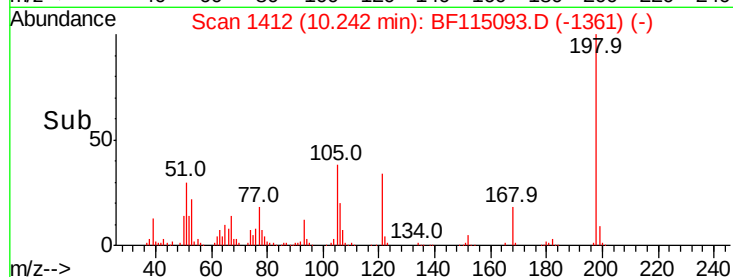
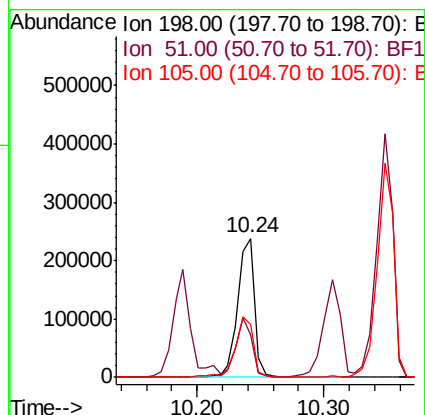
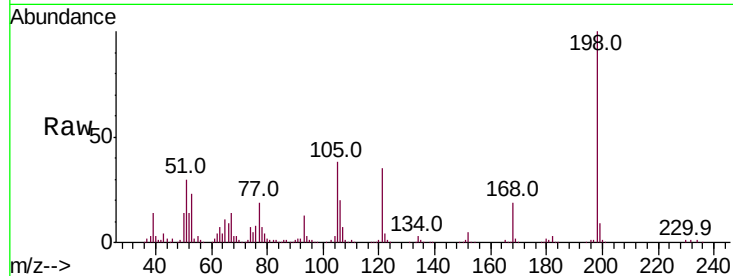
11.12



#65
4,6-Dinitro-2-methylphenol
Concen: 45.734 ng
RT: 10.24 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF115093.D
Acq: 21 Jun 2019 22:18

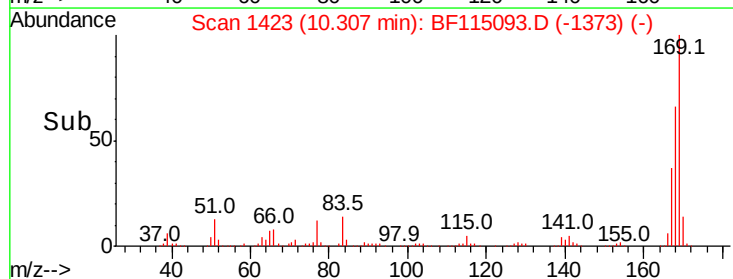
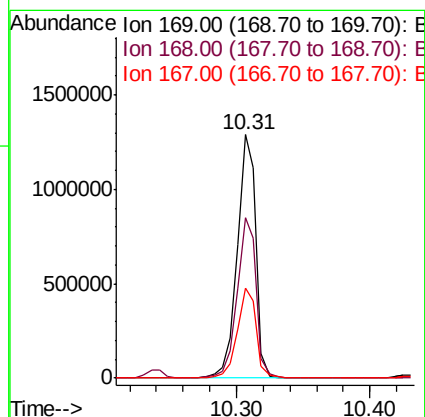
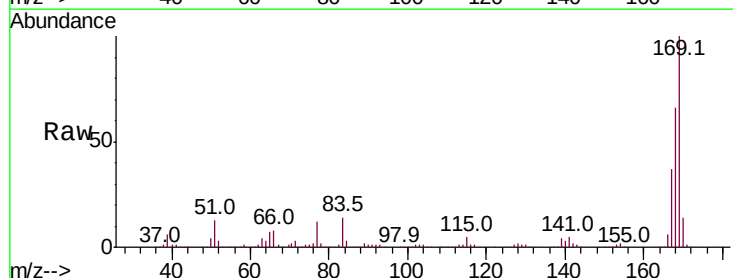
Instrument :
BNA_F
ClientSampleId :
PB120753BS

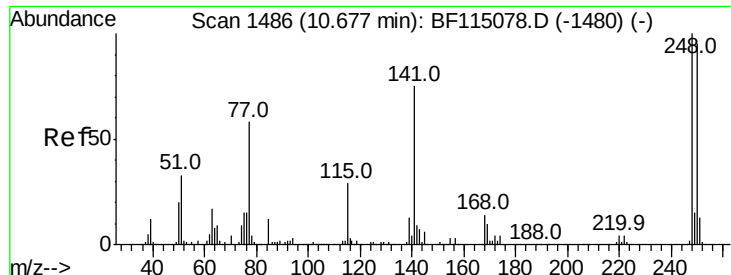
Tot Ion:198 Resp: 217098
Ion Ratio Lower Upper
198 100
51 30.5 11.0 51.0
105 37.6 17.3 57.3



#66
n-Nitrosodiphenylamine
Concen: 44.947 ng
RT: 10.31 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF115093.D
Acq: 21 Jun 2019 22:18

Tgt Ion:169 Resp: 1256456
Ion Ratio Lower Upper
169 100
168 66.1 54.2 81.4
167 36.8 29.4 44.0

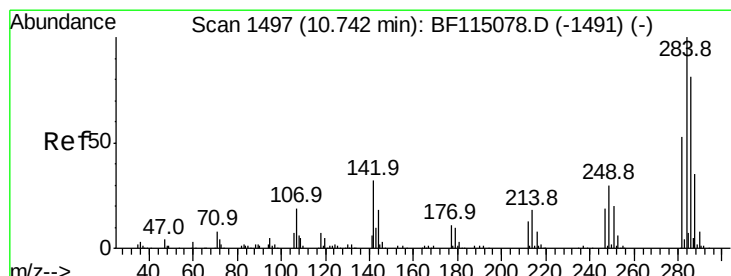
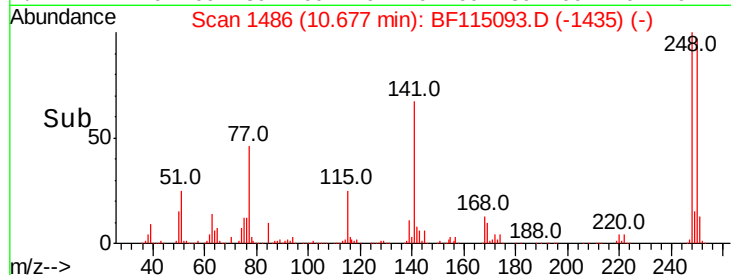
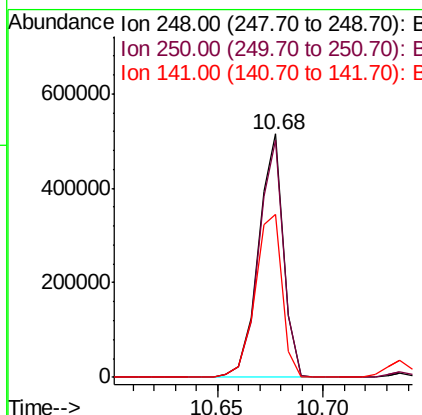
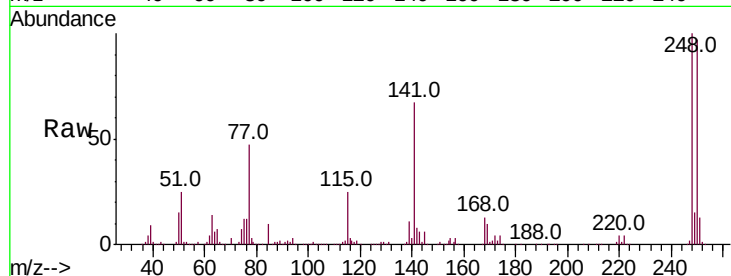




#67
 4-Bromophenyl-phenylether
 Concen: 43.505 ng
 RT: 10.68 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: BF115093.D
 Acq: 21 Jun 2019 22:18

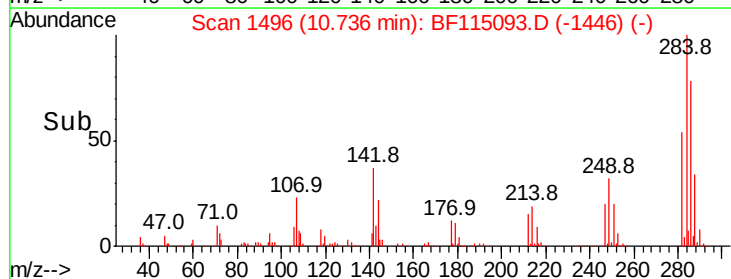
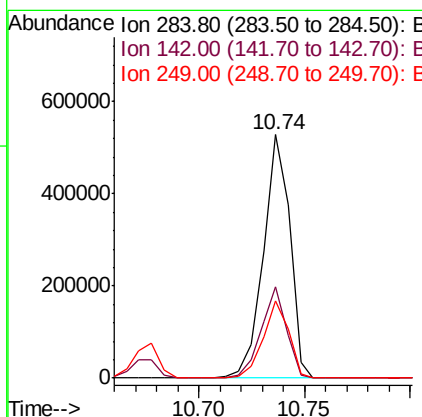
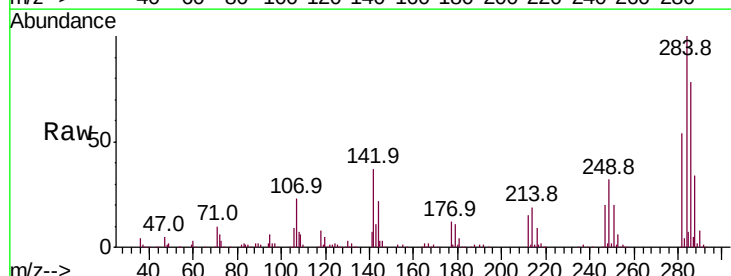
Instrument :
 BNA_F
 ClientSampleId :
 PB120753BS

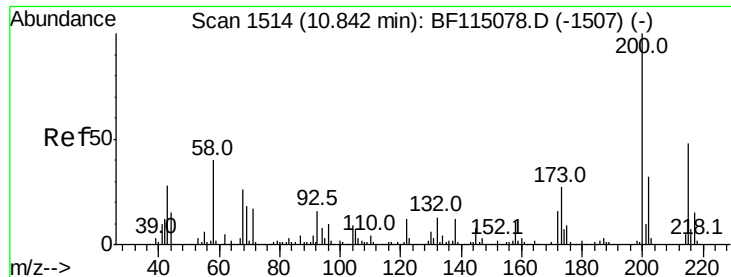
Tot Ion:248 Resp: 423226
 Ion Ratio Lower Upper
 248 100
 250 97.3 76.2 114.2
 141 67.2 59.6 89.4



#68
 Hexachlorobenzene
 Concen: 43.846 ng
 RT: 10.74 min Scan# 1496
 Delta R.T. -0.01 min
 Lab File: BF115093.D
 Acq: 21 Jun 2019 22:18

Tgt Ion:284 Resp: 462988
 Ion Ratio Lower Upper
 284 100
 142 37.4 25.8 38.8
 249 31.7 24.2 36.4

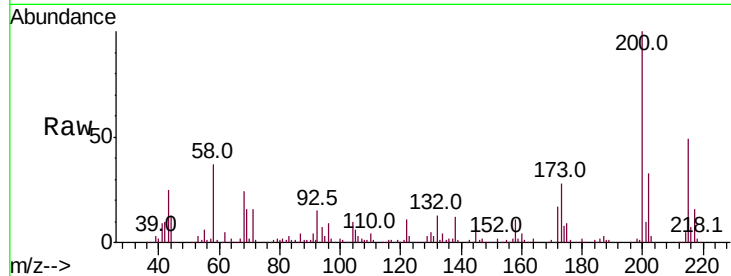




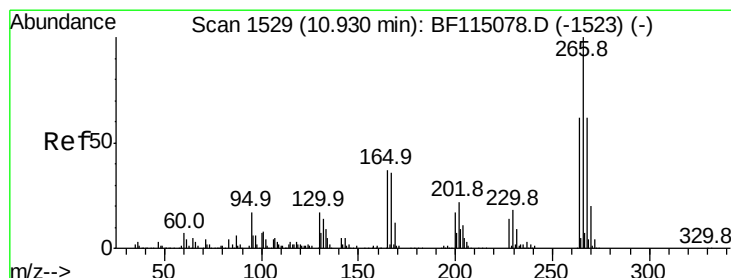
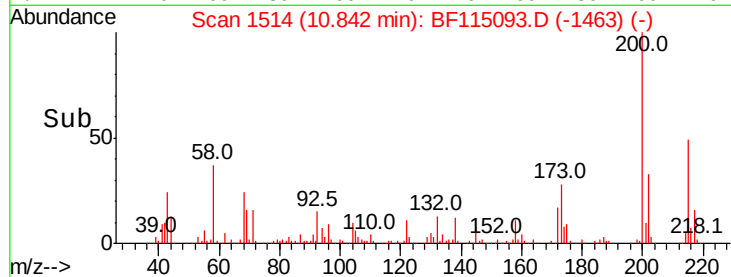
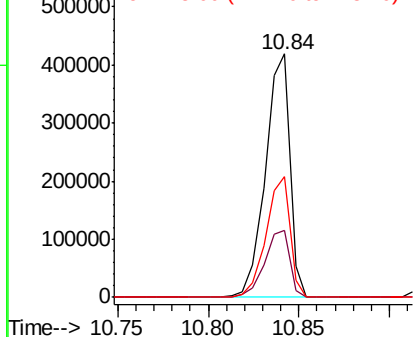
#69
Atrazine
Concen: 43.749 ng
RT: 10.84 min Scan# 1514
Delta R.T. 0.00 min
Lab File: BF115093.D
Acq: 21 Jun 2019 22:18

Instrument :
BNA_F
ClientSampleId :
PB120753BS

Tot Ion:200 Resp: 393406
Ion Ratio Lower Upper
200 100
173 27.7 7.4 47.4
215 49.3 27.8 67.8

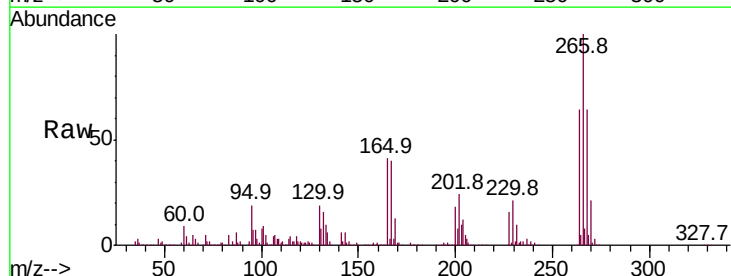


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

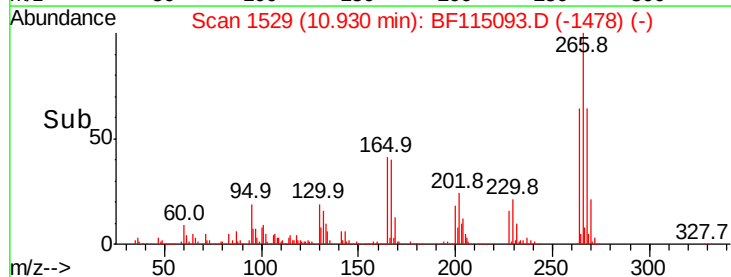
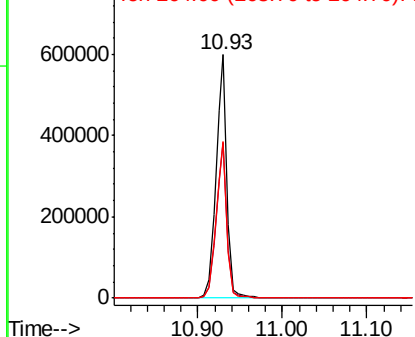


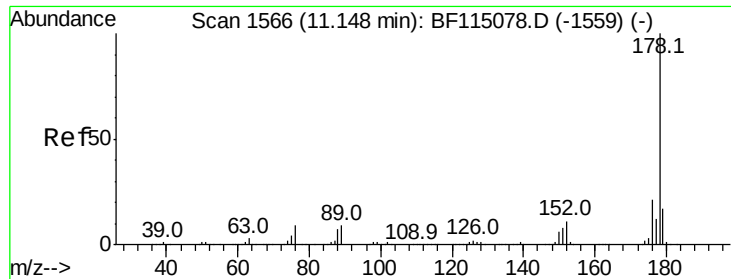
#70
Pentachlorophenol
Concen: 82.220 ng
RT: 10.93 min Scan# 1529
Delta R.T. 0.00 min
Lab File: BF115093.D
Acq: 21 Jun 2019 22:18

Tgt Ion:266 Resp: 553099
Ion Ratio Lower Upper
266 100
268 63.9 49.5 74.3
264 64.4 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

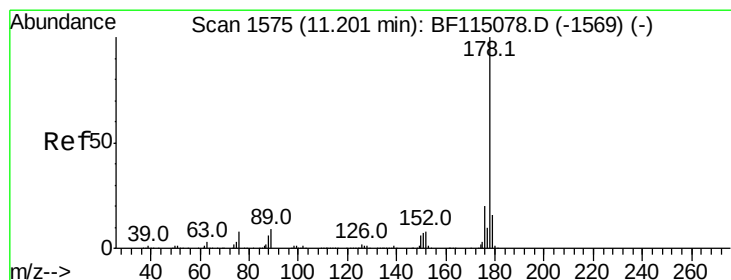
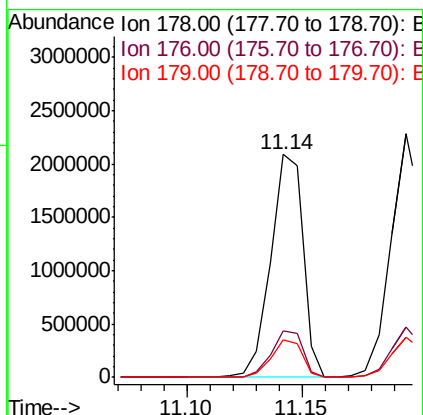
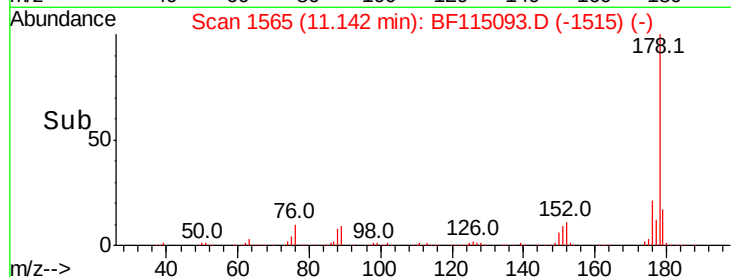
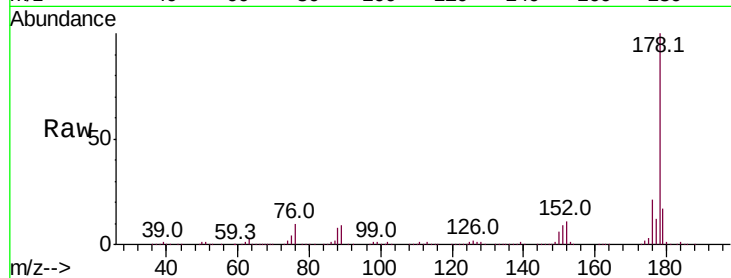




#71
 Phenanthrene
 Concen: 42.043 ng
 RT: 11.14 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: BF115093.D
 Acq: 21 Jun 2019 22:18

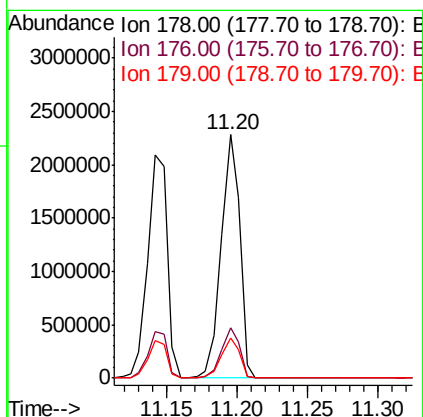
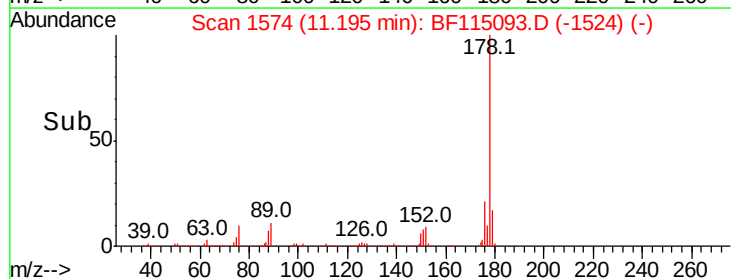
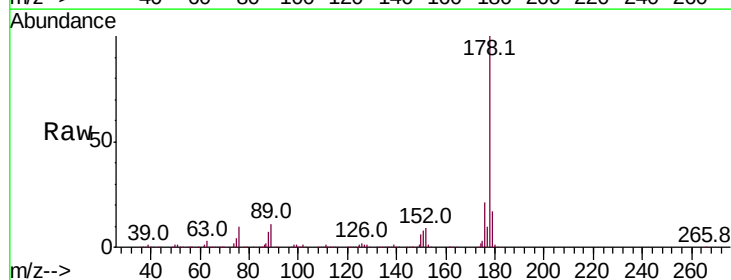
Instrument :
 BNA_F
 ClientSampleId :
 PB120753BS

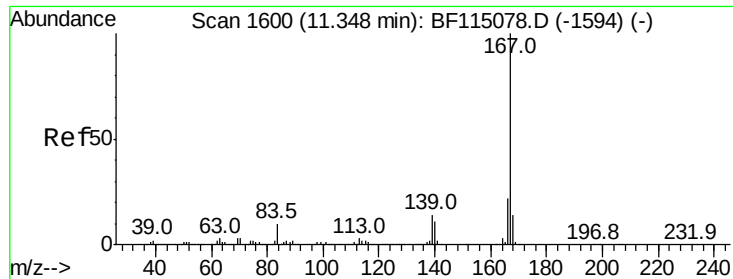
Tot Ion:178 Resp: 2031096
 Ion Ratio Lower Upper
 178 100
 176 21.0 16.9 25.3
 179 16.6 13.2 19.8



#72
 Anthracene
 Concen: 43.038 ng
 RT: 11.20 min Scan# 1574
 Delta R.T. -0.01 min
 Lab File: BF115093.D
 Acq: 21 Jun 2019 22:18

Tgt Ion:178 Resp: 2098765
 Ion Ratio Lower Upper
 178 100
 176 20.6 16.1 24.1
 179 16.7 12.9 19.3



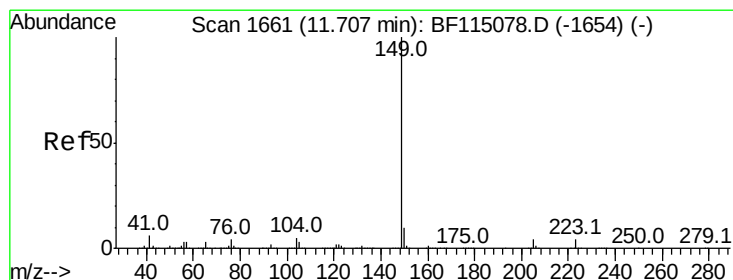
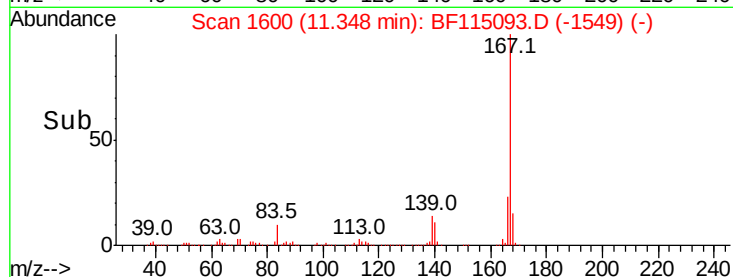
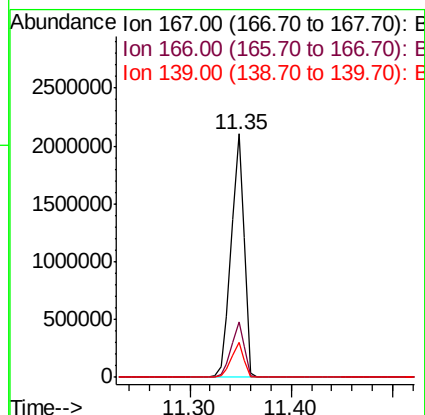
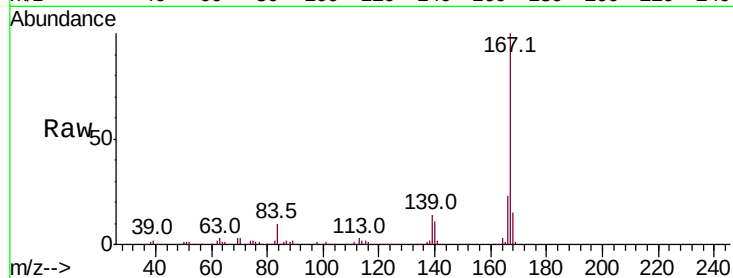


#73
 Carbazole
 Concen: 43.644 ng
 RT: 11.35 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: BF115093.D
 Acq: 21 Jun 2019 22:18

Instrument :
 BNA_F
 ClientSampleId :
 PB120753BS

Tot Ion:167 Resp: 1900513

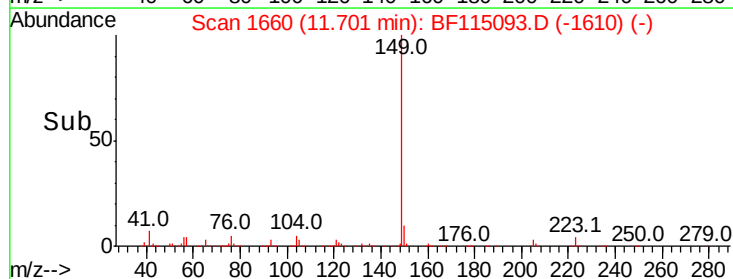
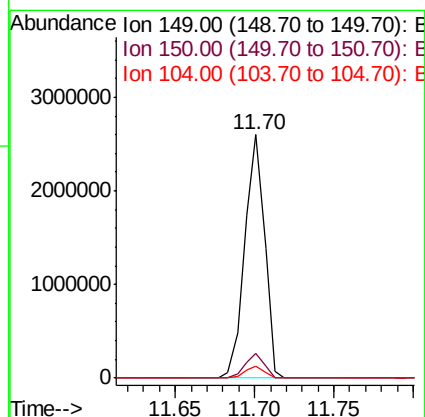
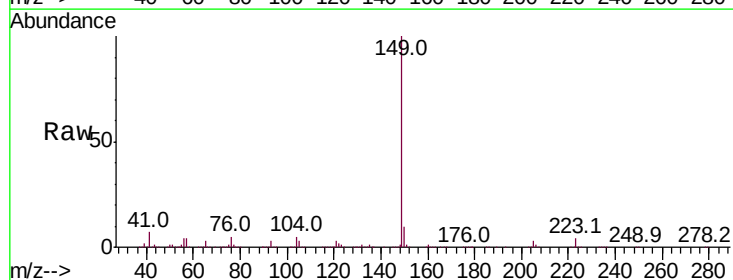
Ion	Ratio	Lower	Upper
167	100		
166	23.0	18.0	27.0
139	14.2	11.1	16.7

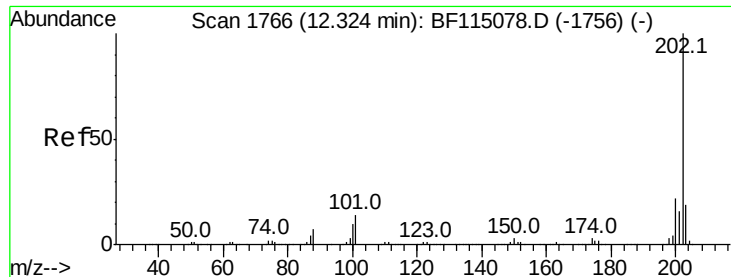


#74
 Di-n-butylphthalate
 Concen: 44.666 ng
 RT: 11.70 min Scan# 1660
 Delta R.T. -0.01 min
 Lab File: BF115093.D
 Acq: 21 Jun 2019 22:18

Tgt Ion:149 Resp: 2247576

Ion	Ratio	Lower	Upper
149	100		
150	10.4	7.8	11.8
104	5.1	3.7	5.5



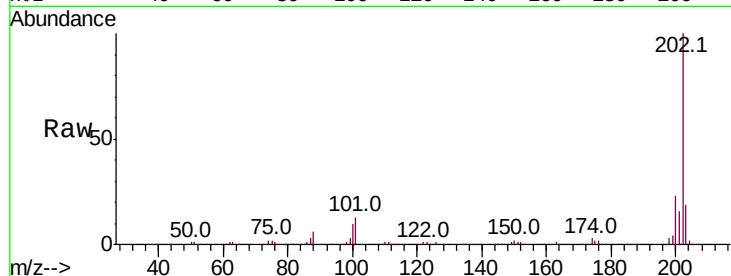


#75
Fluoranthene
 Concen: 43.740 ng
 RT: 12.32 min Scan# 1766
 Delta R.T. 0.00 min
 Lab File: BF115093.D
 Acq: 21 Jun 2019 22:18

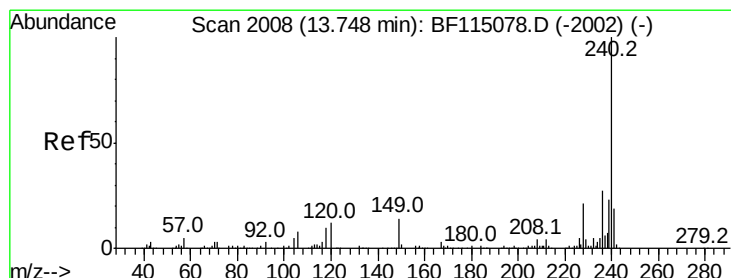
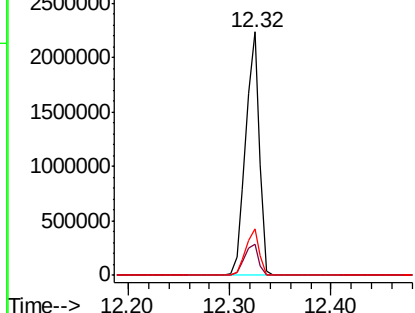
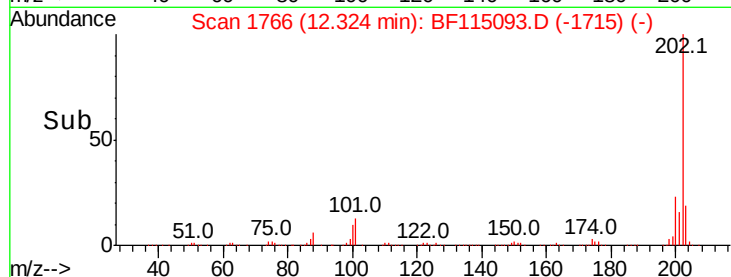
Instrument :
 BNA_F
 ClientSampleId :
 PB120753BS

Tot Ion:202 Resp: 2108288

Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	34.0
203	19.1	0.0	38.8



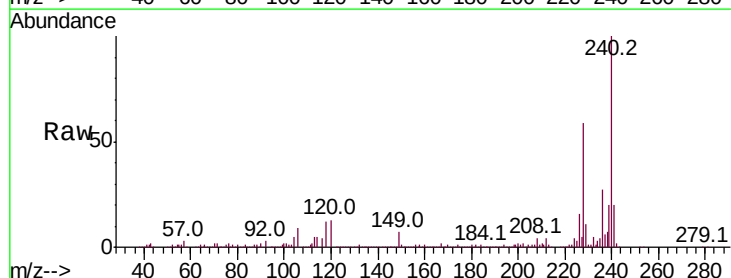
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E



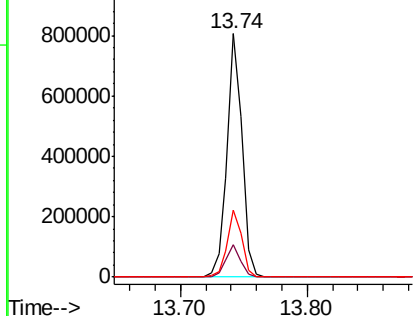
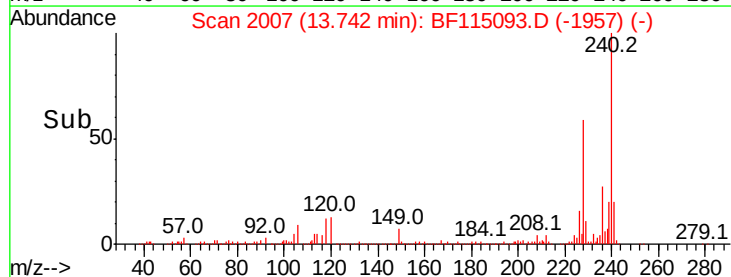
#76
Chrysene-d12
 Concen: 20.000 ng
 RT: 13.74 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF115093.D
 Acq: 21 Jun 2019 22:18

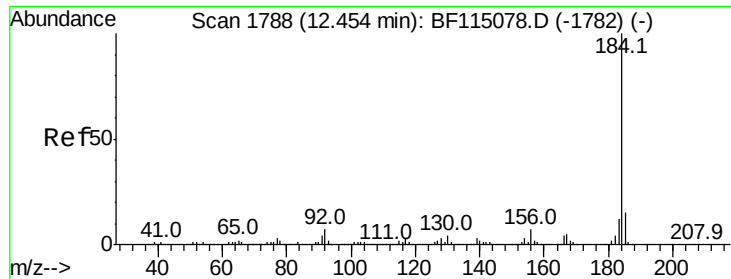
Tgt Ion:240 Resp: 657381

Ion	Ratio	Lower	Upper
240	100		
120	13.3	9.4	14.2
236	27.3	21.7	32.5



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





#77

Benzidine

Concen: 33.396 ng

RT: 12.45 min Scan# 1787

Delta R.T. -0.01 min

Lab File: BF115093.D

Acq: 21 Jun 2019 22:18

Instrument :

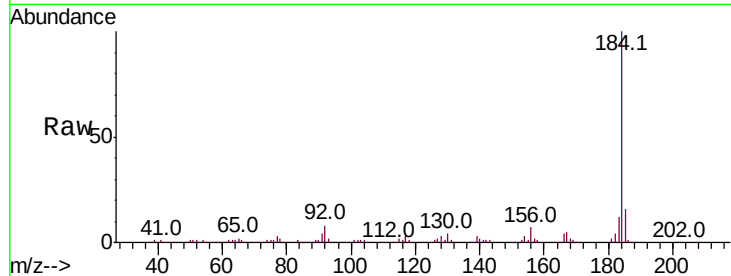
BNA_F

ClientSampleId :

PB120753BS

Tot Ion:184 Resp: 974850

Ion	Ratio	Lower	Upper
184	100		
185	15.6	12.2	18.2
183	12.0	9.6	14.4

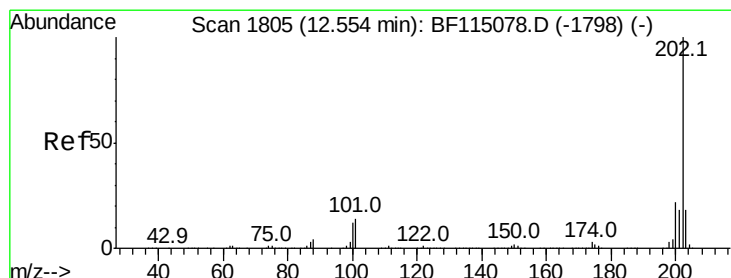
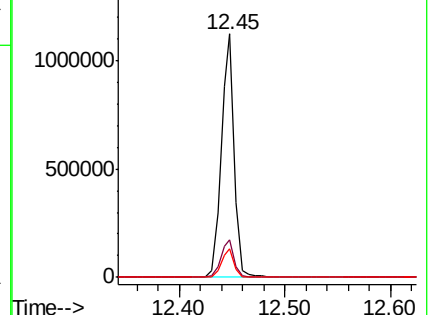
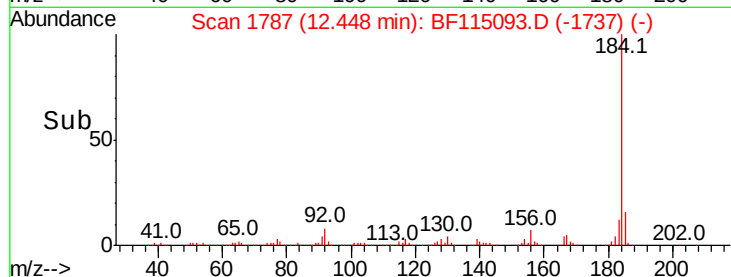


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.814 ng

RT: 12.55 min Scan# 1804

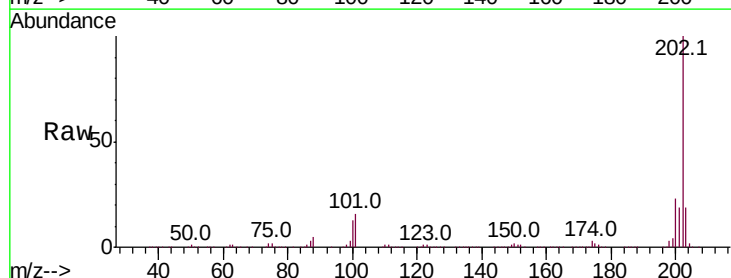
Delta R.T. -0.01 min

Lab File: BF115093.D

Acq: 21 Jun 2019 22:18

Tgt Ion:202 Resp: 2162952

Ion	Ratio	Lower	Upper
202	100		
200	23.3	17.9	26.9
203	19.0	14.6	21.8

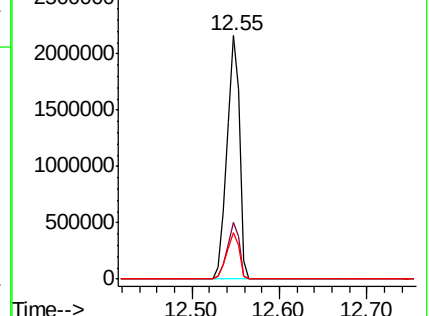
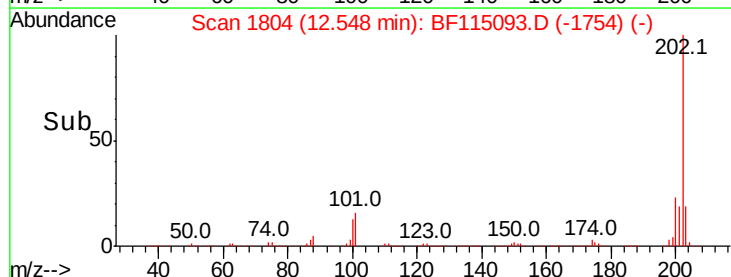


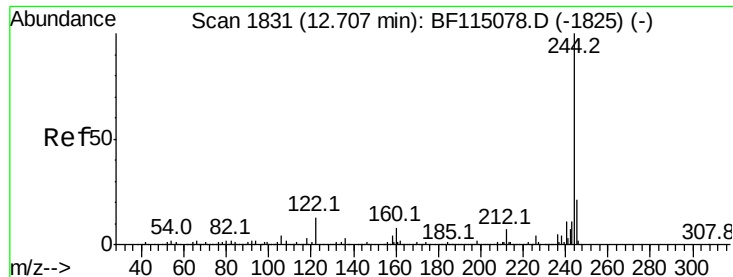
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

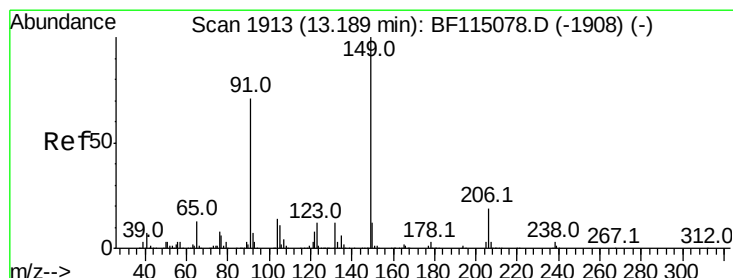
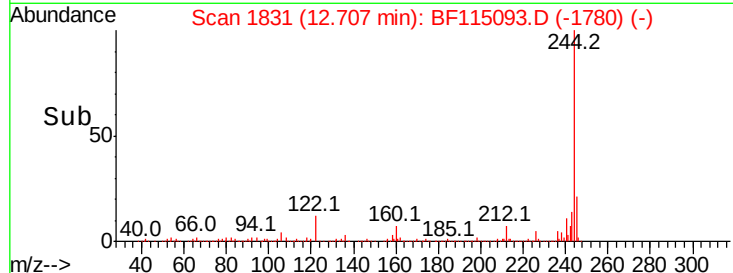
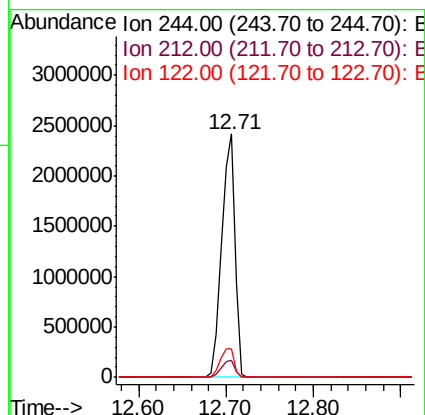
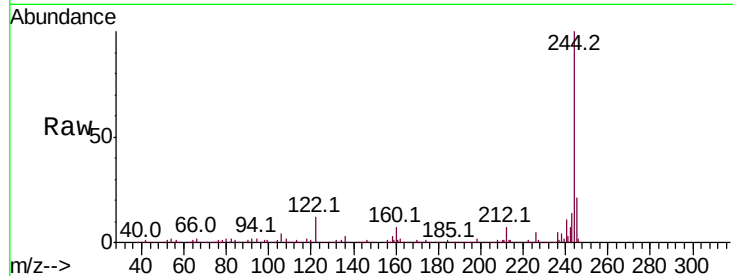




#79
 Terphenyl-d14
 Concen: 82.590 ng
 RT: 12.71 min Scan# 1831
 Delta R.T. 0.00 min
 Lab File: BF115093.D
 Acq: 21 Jun 2019 22:18

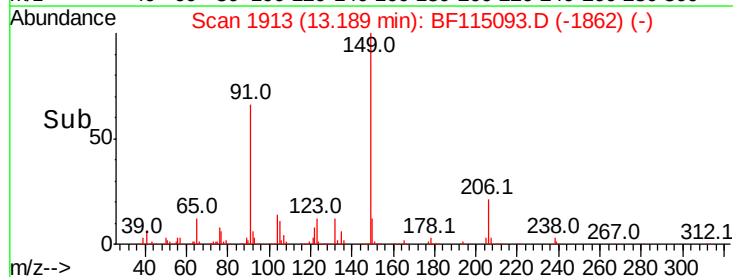
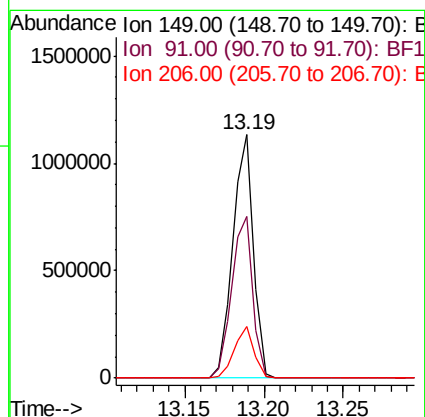
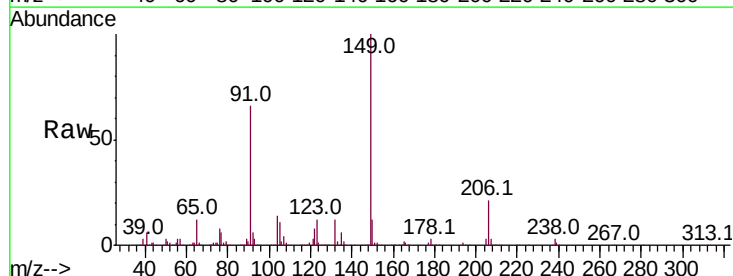
Instrument :
 BNA_F
 ClientSampleId :
 PB120753BS

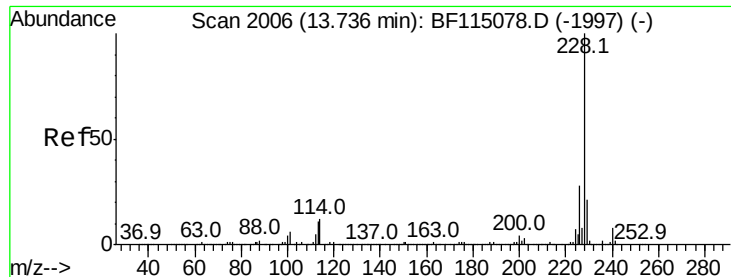
Tot Ion:244 Resp: 2553596
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 11.9 10.4 15.6



#80
 Butylbenzylphthalate
 Concen: 45.519 ng
 RT: 13.19 min Scan# 1913
 Delta R.T. 0.00 min
 Lab File: BF115093.D
 Acq: 21 Jun 2019 22:18

Tgt Ion:149 Resp: 1014852
 Ion Ratio Lower Upper
 149 100
 91 66.5 56.5 84.7
 206 21.2 15.3 22.9





#81

Benzo(a)anthracene

Concen: 41.752 ng

RT: 13.73 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BF115093.D

Acq: 21 Jun 2019 22:18

Instrument :

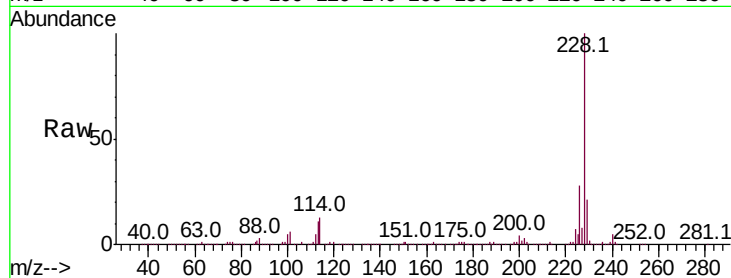
BNA_F

ClientSampleId :

PB120753BS

Tot Ion:228 Resp: 1969407

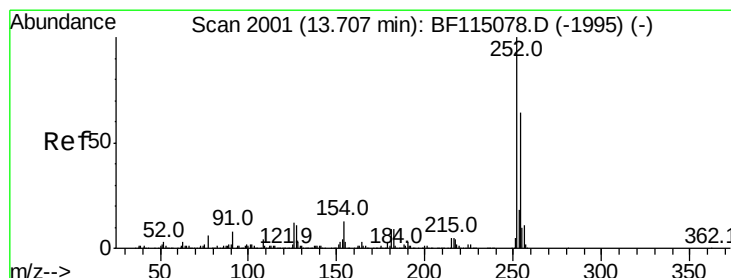
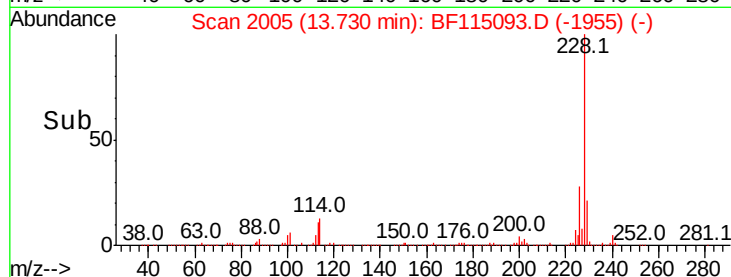
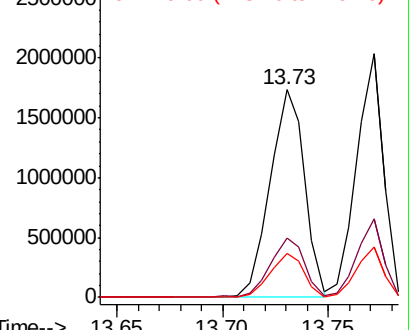
Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.5	33.7
229	21.0	16.6	24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 32.154 ng

RT: 13.70 min Scan# 2000

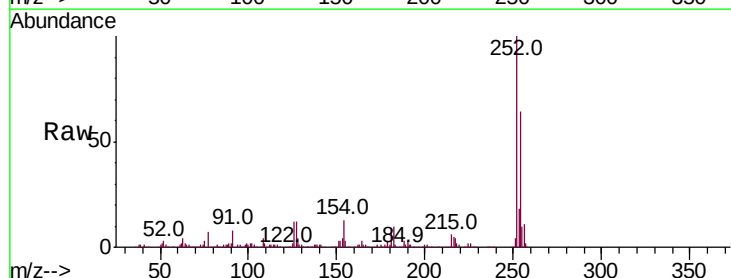
Delta R.T. -0.01 min

Lab File: BF115093.D

Acq: 21 Jun 2019 22:18

Tgt Ion:252 Resp: 547691

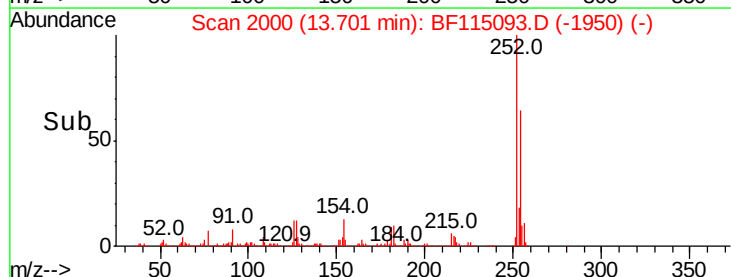
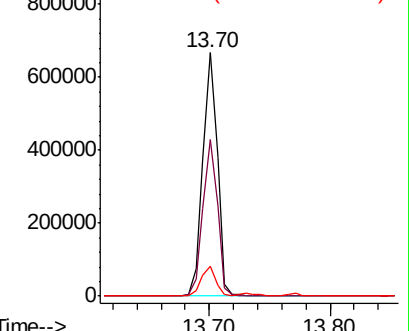
Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.1	76.7
126	12.4	9.4	14.0

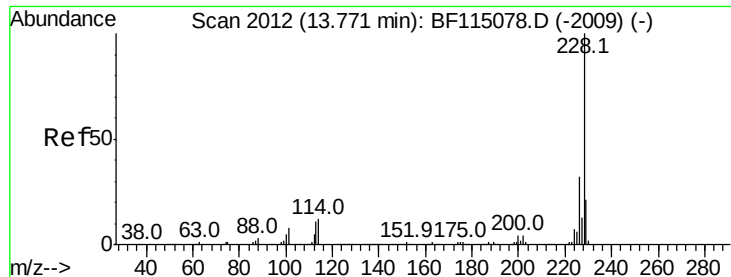


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 42.281 ng

RT: 13.77 min Scan# 2012

Delta R.T. 0.00 min

Lab File: BF115093.D

Acq: 21 Jun 2019 22:18

Instrument :

BNA_F

ClientSampleId :

PB120753BS

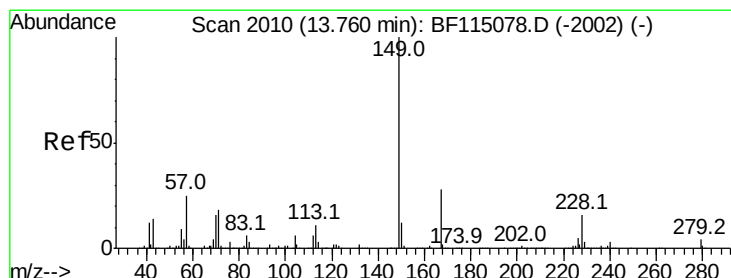
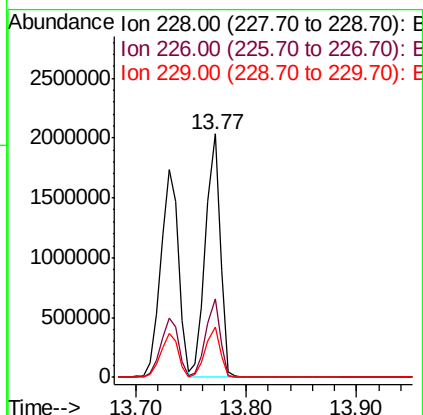
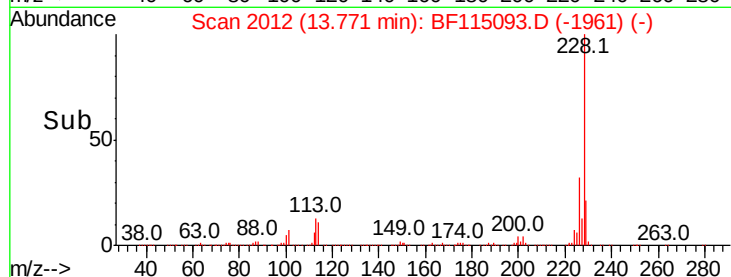
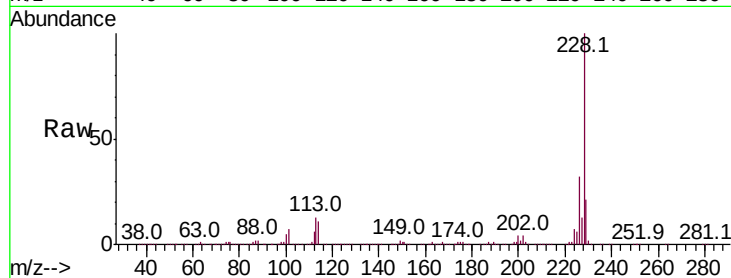
Tot Ion:228 Resp: 1826884

Ion Ratio Lower Upper

228 100

226 32.2 25.4 38.0

229 20.9 16.5 24.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.196 ng

RT: 13.76 min Scan# 2010

Delta R.T. 0.00 min

Lab File: BF115093.D

Acq: 21 Jun 2019 22:18

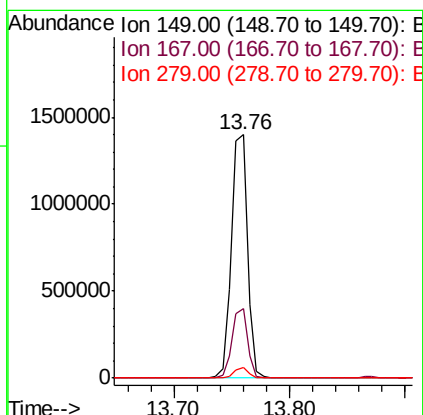
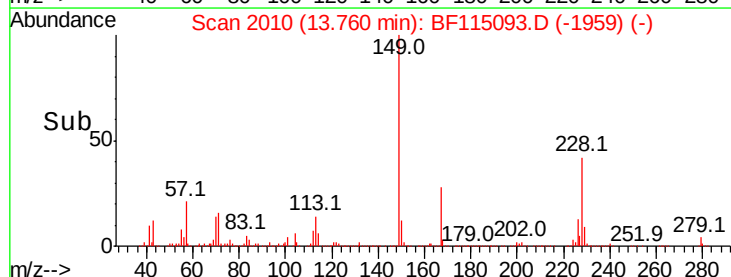
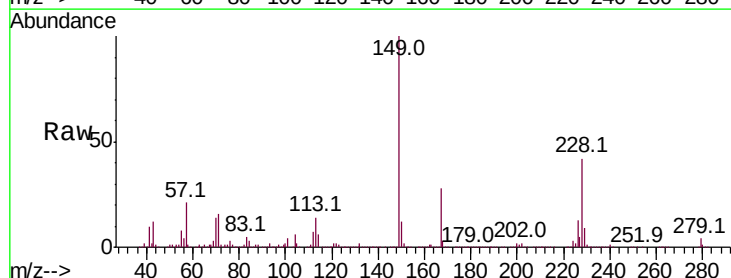
Tgt Ion:149 Resp: 1349541

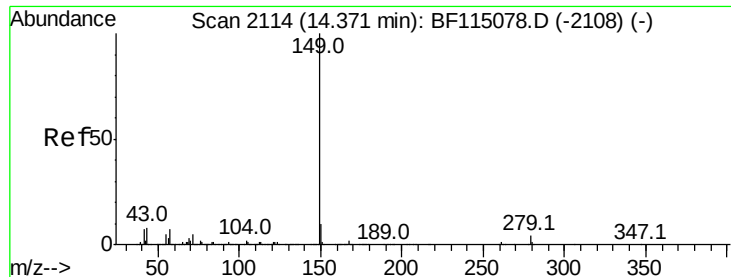
Ion Ratio Lower Upper

149 100

167 28.4 22.2 33.4

279 4.5 2.9 4.3#

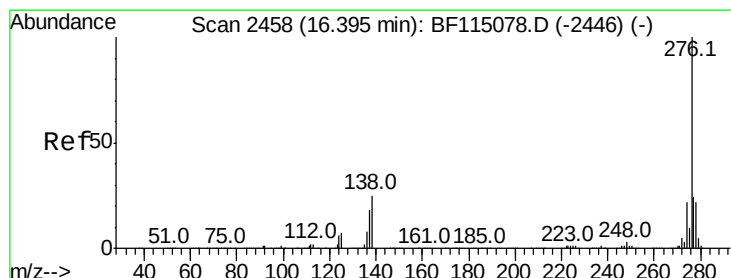
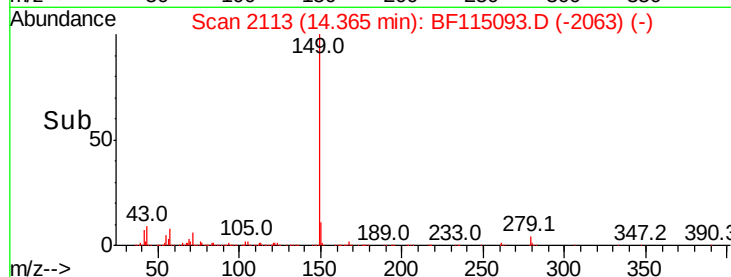
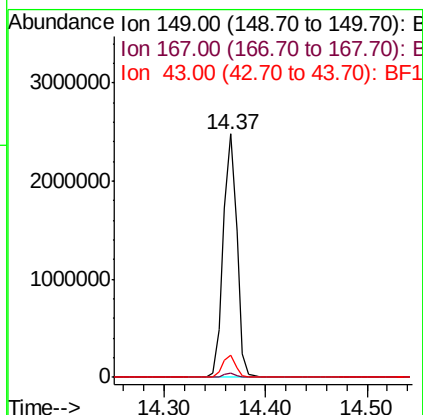
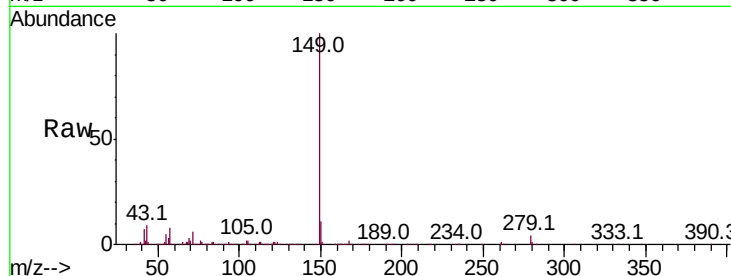




#85
Di-n-octyl phthalate
Concen: 47.021 ng
RT: 14.37 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BF115093.D
Acq: 21 Jun 2019 22:18

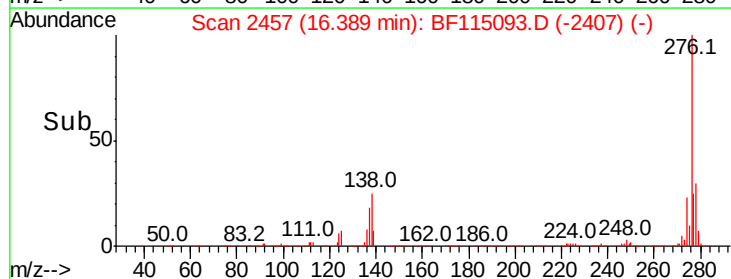
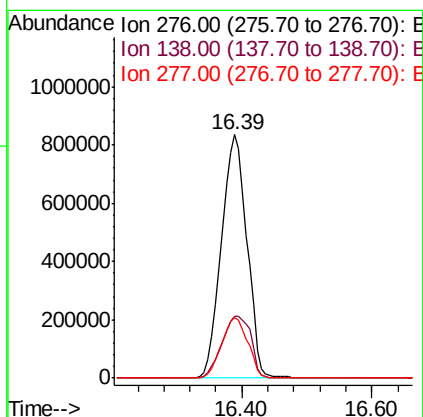
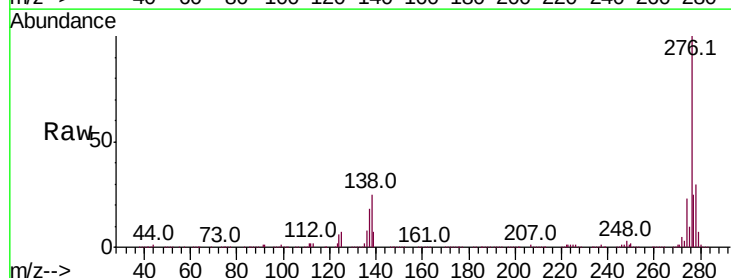
Instrument :
BNA_F
ClientSampleId :
PB120753BS

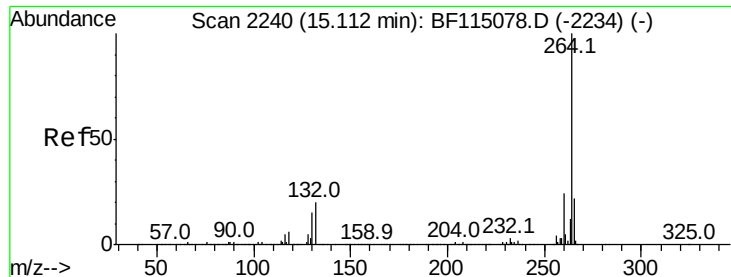
Tot Ion:149 Resp: 2307975
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 8.9 7.0 10.6



#86
Indeno(1,2,3-cd)pyrene
Concen: 44.420 ng
RT: 16.39 min Scan# 2457
Delta R.T. -0.01 min
Lab File: BF115093.D
Acq: 21 Jun 2019 22:18

Tgt Ion:276 Resp: 2271107
Ion Ratio Lower Upper
276 100
138 29.0 23.2 34.8
277 25.6 20.1 30.1

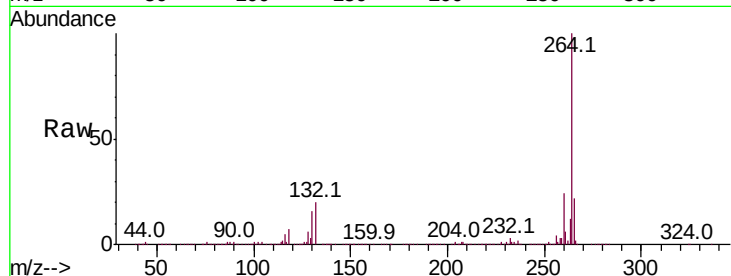




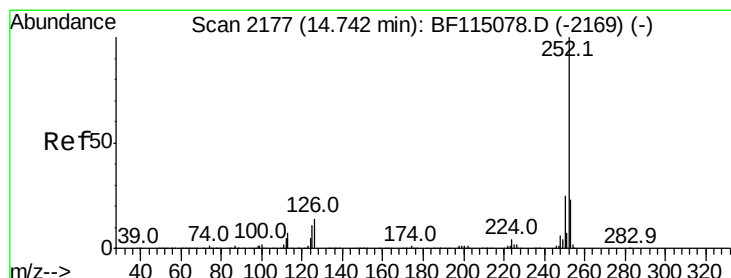
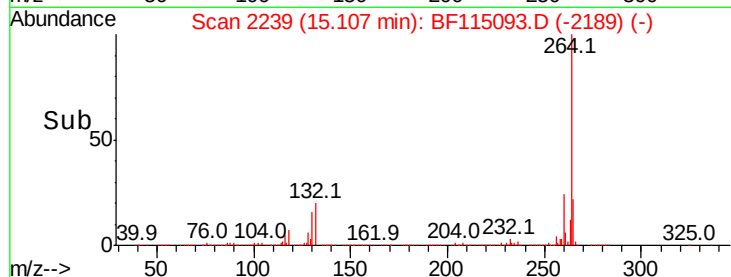
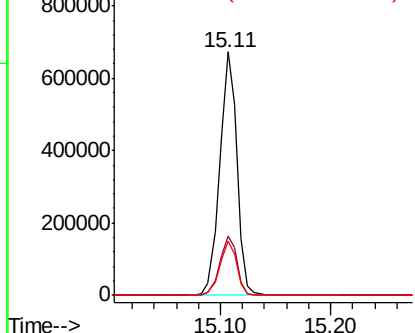
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.11 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BF115093.D
Acq: 21 Jun 2019 22:18

Instrument :
BNA_F
ClientSampleId :
PB120753BS

Tot Ion:264 Resp: 729124
Ion Ratio Lower Upper
264 100
260 24.5 19.6 29.4
265 22.3 17.3 25.9

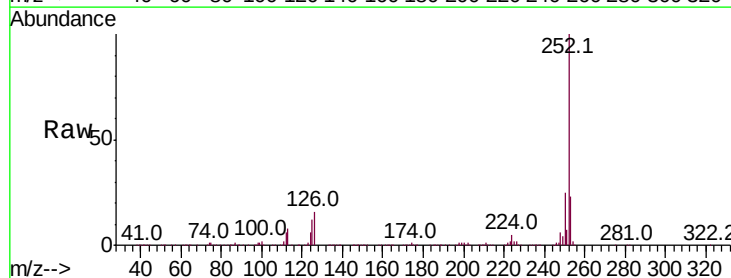


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

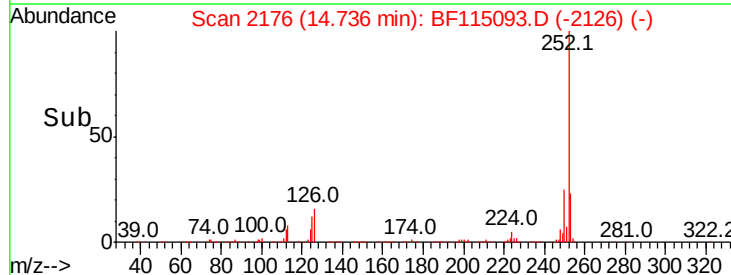
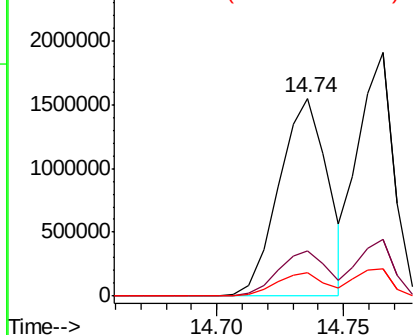


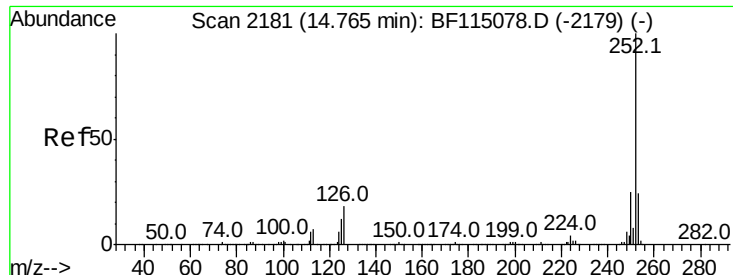
#88
Benzo(b)fluoranthene
Concen: 45.795 ng
RT: 14.74 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BF115093.D
Acq: 21 Jun 2019 22:18

Tgt Ion:252 Resp: 2083461
Ion Ratio Lower Upper
252 100
253 22.9 18.1 27.1
125 11.9 8.7 13.1



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

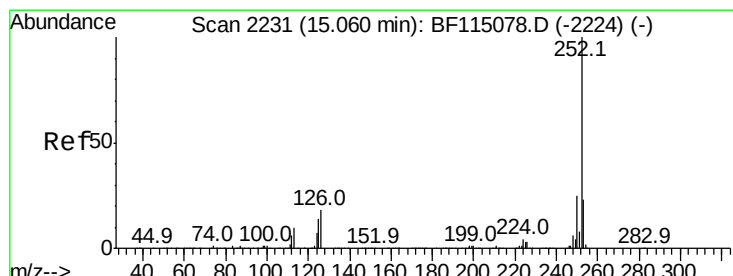
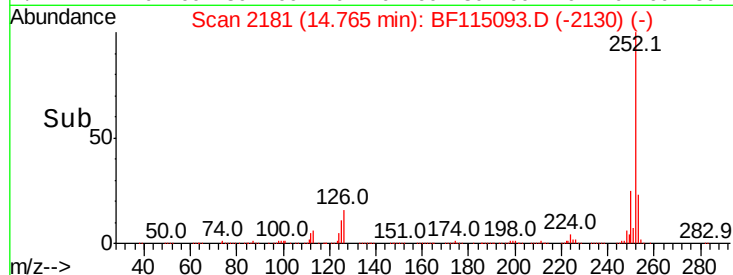
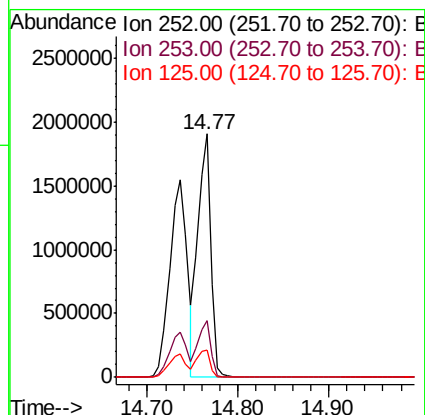
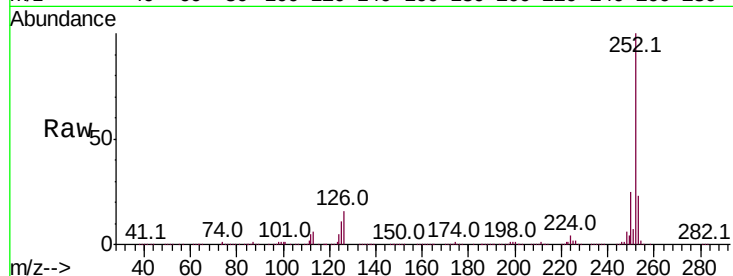




#89
Benzo(k)fluoranthene
Concen: 45.887 ng
RT: 14.77 min Scan# 2181
Delta R.T. 0.00 min
Lab File: BF115093.D
Acq: 21 Jun 2019 22:18

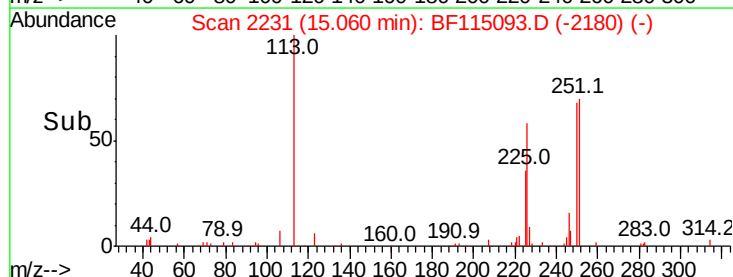
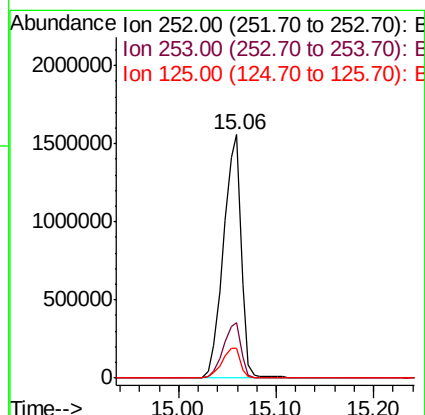
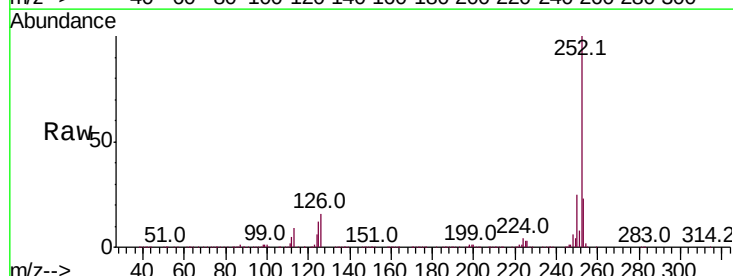
Instrument :
BNA_F
ClientSampleId :
PB120753BS

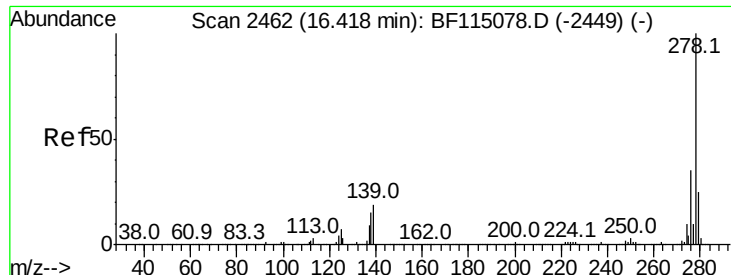
Tot Ion:252 Resp: 1872157
Ion Ratio Lower Upper
252 100
253 23.2 18.9 28.3
125 11.1 10.2 15.2



#90
Benzo(a)pyrene
Concen: 47.810 ng
RT: 15.06 min Scan# 2231
Delta R.T. 0.00 min
Lab File: BF115093.D
Acq: 21 Jun 2019 22:18

Tgt Ion:252 Resp: 1960480
Ion Ratio Lower Upper
252 100
253 22.7 18.3 27.5
125 12.2 10.9 16.3



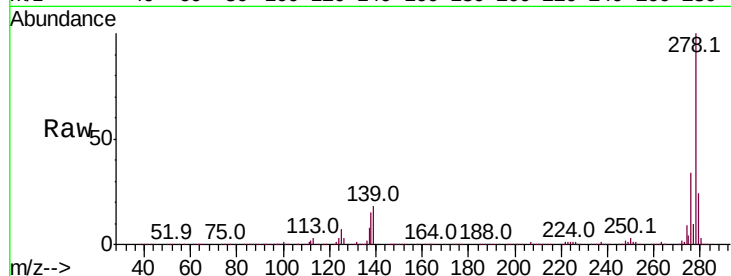


#91
Dibenzo(a,h)anthracene
Concen: 49.131 ng
RT: 16.41 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BF115093.D
Acq: 21 Jun 2019 22:18

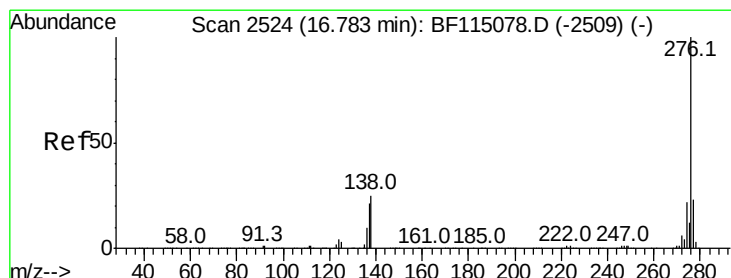
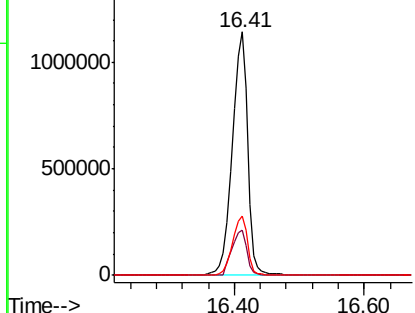
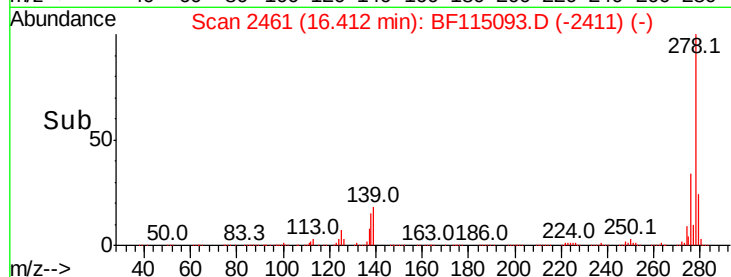
Instrument :
BNA_F
ClientSampleId :
PB120753BS

Tot Ion:278 Resp: 1880791

Ion	Ratio	Lower	Upper
278	100		
139	18.4	15.4	23.2
279	24.2	19.9	29.9



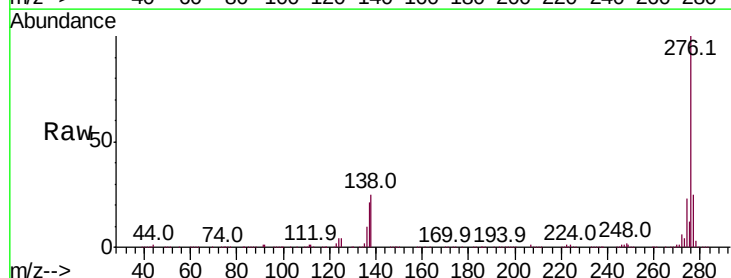
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 48.885 ng
RT: 16.78 min Scan# 2523
Delta R.T. -0.01 min
Lab File: BF115093.D
Acq: 21 Jun 2019 22:18

Tgt Ion:276 Resp: 1894033

Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.6	28.0
138	25.4	19.8	29.6



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

