

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060719\
 Data File : BF114891.D
 Acq On : 7 Jun 2019 11:18
 Operator : HP/JU
 Sample : K3211-03MS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200050MS

Quant Time: Jun 10 07:28:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 04 16:57:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	306526	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	1162479	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	572469	20.00	ng	0.00
64) Phenanthrene-d10	11.16	188	1127290	20.00	ng	0.00
76) Chrysene-d12	13.79	240	610762	20.00	ng	0.00
87) Perylene-d12	15.16	264	759053	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.27	112	2344973	133.68	ng	0.01
7) Phenol-d6	6.31	99	2948075	138.11	ng	0.00
23) Nitrobenzene-d5	7.23	82	1824244	96.60	ng	0.00
42) 2,4,6-Tribromophenol	10.48	330	841825	136.45	ng	0.00
45) 2-Fluorobiphenyl	9.02	172	3162553	103.49	ng	0.00
79) Terphenyl-d14	12.74	244	3291107	104.79	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.32	88	316875	37.834	ng	98
4) n-Nitrosodimethylamine	2.94	42	372013	44.160	ng	98
6) Aniline	6.33	93	301638	9.959	ng	# 1
8) 2-Chlorophenol	6.45	128	931843	45.975	ng	98
9) Benzaldehyde	6.20	77	309396	20.896	ng	99
10) Phenol	6.32	94	1082263	44.337	ng	81
11) bis(2-Chloroethyl)ether	6.40	93	835063	43.834	ng	98
12) 1,3-Dichlorobenzene	6.60	146	997278	42.225	ng	99
13) 1,4-Dichlorobenzene	6.68	146	1009584	42.482	ng	99
14) 1,2-Dichlorobenzene	6.83	146	934053	43.520	ng	99
15) Benzyl Alcohol	6.81	79	734715	45.516	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.95	45	1153871	42.351	ng	99
17) 2-Methylphenol	6.93	107	771515	44.532	ng	99
18) Hexachloroethane	7.17	117	363010	40.583	ng	99
19) n-Nitroso-di-n-propylamine	7.09	70	576065	40.769	ng	98
20) 3+4-Methylphenols	7.08	107	870598	45.560	ng	98
22) Acetophenone	7.07	105	1213893	47.429	ng	# 98
24) Nitrobenzene	7.25	77	927359	47.403	ng	98
25) Isophorone	7.49	82	1700093	45.539	ng	98
26) 2-Nitrophenol	7.56	139	535662	50.554	ng	99
27) 2,4-Dimethylphenol	7.61	122	830080	51.543	ng	99
28) bis(2-Chloroethoxy)methane	7.70	93	1076391	45.104	ng	99
29) 2,4-Dichlorophenol	7.80	162	807973	47.686	ng	99
30) 1,2,4-Trichlorobenzene	7.89	180	879162	45.222	ng	98
31) Naphthalene	7.96	128	2545518	48.639	ng	99
32) Benzoic acid	7.69	122	105652	9.007	ng	96
33) 4-Chloroaniline	8.01	127	293431	11.753	ng	98
34) Hexachlorobutadiene	8.09	225	462722	41.864	ng	99
35) Caprolactam	8.39	113	193090m	34.886	ng	
36) 4-Chloro-3-methylphenol	8.50	107	824175	48.884	ng	98
37) 2-Methylnaphthalene	8.66	142	1755464	48.359	ng	99
38) 1-Methylnaphthalene	8.75	142	1689518	49.078	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	744471	45.126	ng	99
41) Hexachlorocyclopentadiene	8.82	237	833350	83.287	ng	100

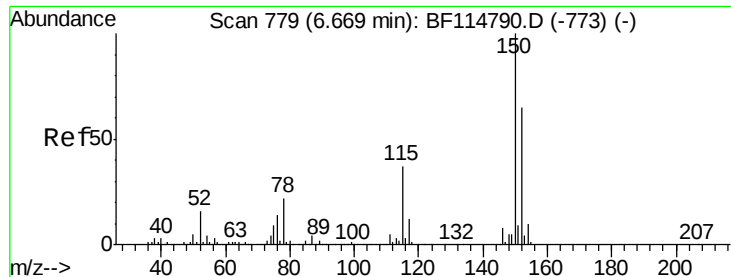
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060719\
 Data File : BF114891.D
 Acq On : 7 Jun 2019 11:18
 Operator : HP/JU
 Sample : K3211-03MS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200050MS

Quant Time: Jun 10 07:28:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 04 16:57:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	8.93	196	591876	46.138	ng	98
44) 2,4,5-Trichlorophenol	8.97	196	626268	48.475	ng	98
46) 1,1'-Biphenyl	9.12	154	2062786	48.618	ng	98
47) 2-Chloronaphthalene	9.14	162	1682719	46.674	ng	99
48) 2-Nitroaniline	9.23	65	504030	46.848	ng	99
49) Acenaphthylene	9.55	152	2578478	49.318	ng	99
50) Dimethylphthalate	9.43	163	2338827	55.938	ng	100
51) 2,6-Dinitrotoluene	9.48	165	470848	47.884	ng	99
52) Acenaphthene	9.73	154	1716479	50.118	ng	100
53) 3-Nitroaniline	9.64	138	318763	27.750	ng	94
54) 2,4-Dinitrophenol	9.75	184	357775	80.407	ng	99
55) Dibenzofuran	9.90	168	2232092	46.869	ng	97
56) 4-Nitrophenol	9.82	139	825958	98.129	ng	98
57) 2,4-Dinitrotoluene	9.88	165	625786	50.625	ng	91
58) Fluorene	10.24	166	1606127	54.581	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.02	232	517335	48.876	ng	100
60) Diethylphthalate	10.12	149	1913834	45.616	ng	99
61) 4-Chlorophenyl-phenylether	10.23	204	774274	42.448	ng	97
62) 4-Nitroaniline	10.26	138	463078	41.564	ng	95
63) Azobenzene	10.39	77	1722986	48.245	ng	97
65) 4,6-Dinitro-2-methylphenol	10.29	198	279525	47.735	ng	92
66) n-Nitrosodiphenylamine	10.35	169	1594461	46.776	ng	99
67) 4-Bromophenyl-phenylether	10.72	248	552689	43.168	ng	98
68) Hexachlorobenzene	10.79	284	592775	42.304	ng	98
69) Atrazine	10.88	200	497442	41.960	ng	99
70) Pentachlorophenol	10.97	266	666705	82.306	ng	98
71) Phenanthrene	11.19	178	2617960	48.647	ng	99
72) Anthracene	11.24	178	2659427	46.957	ng	98
73) Carbazole	11.39	167	2440025	50.257	ng	99
74) Di-n-butylphthalate	11.74	149	2741167	42.927	ng	98
75) Fluoranthene	12.37	202	2770452	49.462	ng	98
78) Pyrene	12.60	202	2769246	52.265	ng	99
80) Butylbenzylphthalate	13.22	149	1166556	43.600	ng	97
81) Benzo(a)anthracene	13.77	228	2123954	45.128	ng	99
82) 3,3'-Dichlorobenzidine	13.74	252	410775	21.524	ng	97
83) Chrysene	13.81	228	2122243	46.352	ng	99
84) Bis(2-ethylhexyl)phthalate	13.79	149	1338405	39.559	ng	100
85) Di-n-octyl phthalate	14.39	149	2267276	39.439	ng	99
86) Indeno(1,2,3-cd)pyrene	16.48	276	2534929	48.524	ng	99
88) Benzo(b)fluoranthene	14.79	252	2258106	46.730	ng	99
89) Benzo(k)fluoranthene	14.82	252	1915925	46.688	ng	97
90) Benzo(a)pyrene	15.12	252	2077801	49.678	ng	99
91) Dibenzo(a,h)anthracene	16.50	278	2041266	51.536	ng	99
92) Benzo(g,h,i)perylene	16.87	276	2200405	55.243	ng	98

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

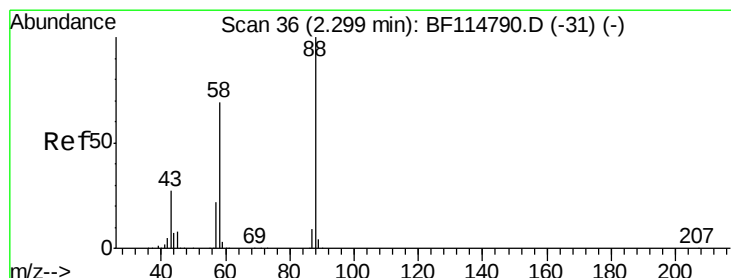
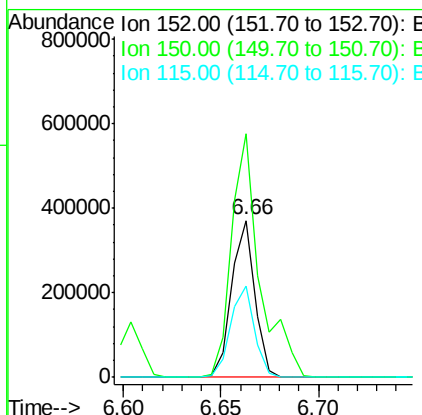
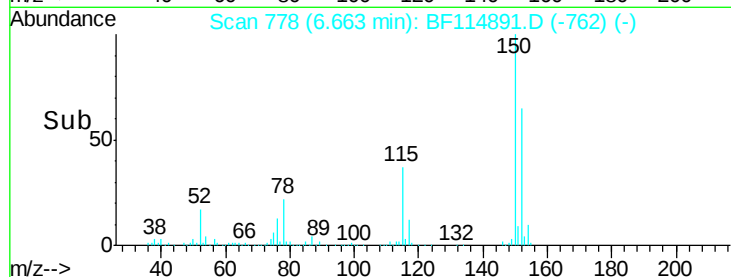
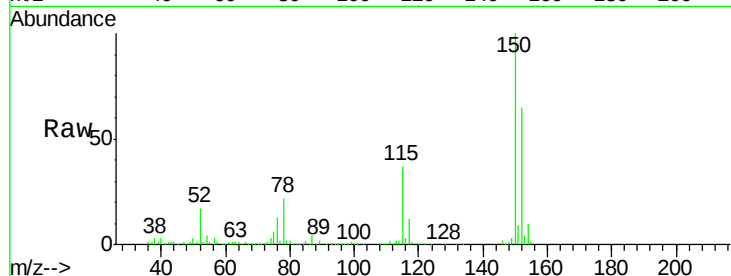


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF114891.D
Acq: 7 Jun 2019 11:18

Instrument :
BNA_F
ClientSampleId :
RBR-200050MS

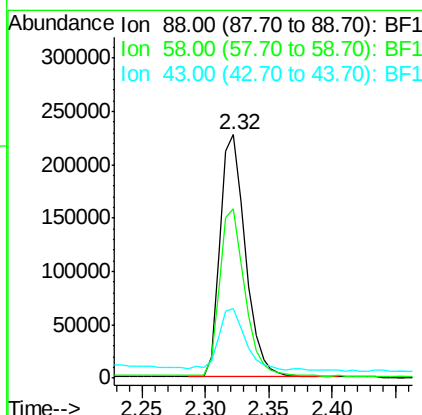
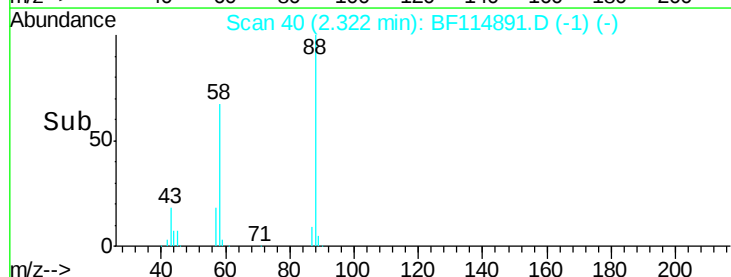
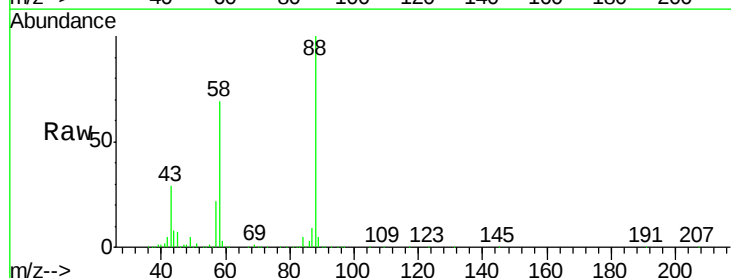
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	124.0	186.0
115	58.0	46.3	69.5

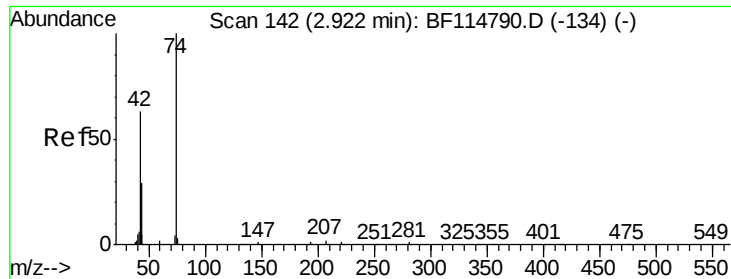


#2

1,4-Dioxane
Concen: 37.834 ng
RT: 2.32 min Scan# 40
Delta R.T. 0.02 min
Lab File: BF114891.D
Acq: 7 Jun 2019 11:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.8	53.8	80.8
43	27.6	20.7	31.1



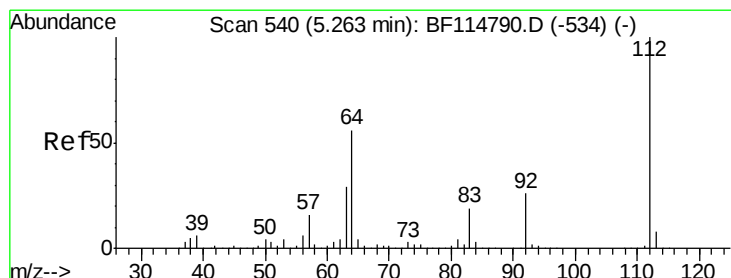
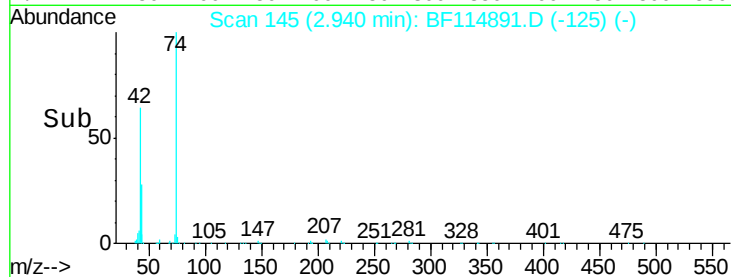
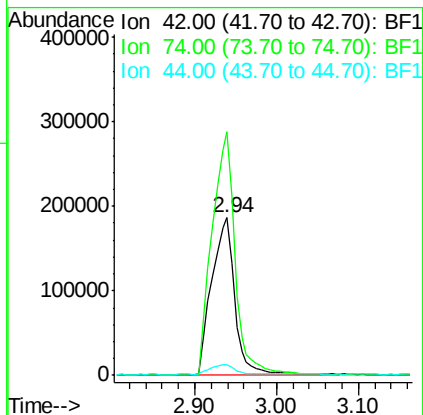
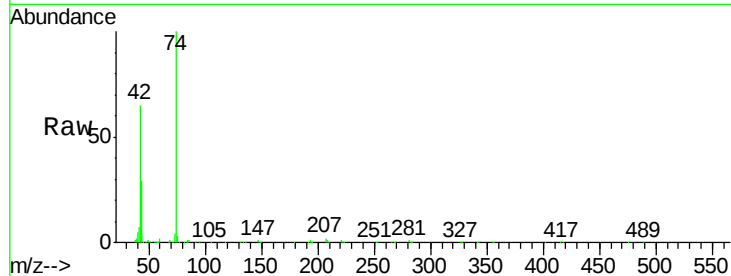


#4

n-Nitrosodimethylamine
 Concen: 44.160 ng
 RT: 2.94 min Scan# 145
 Delta R.T. 0.02 min
 Lab File: BF114891.D
 Acq: 7 Jun 2019 11:18

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200050MS

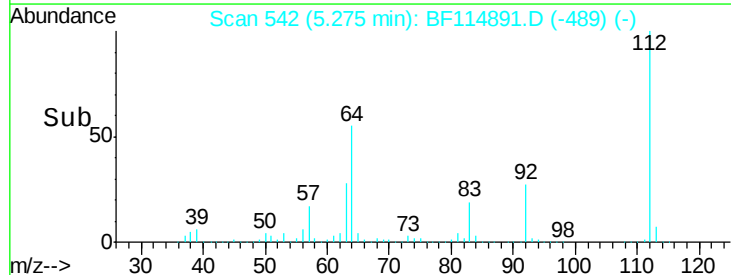
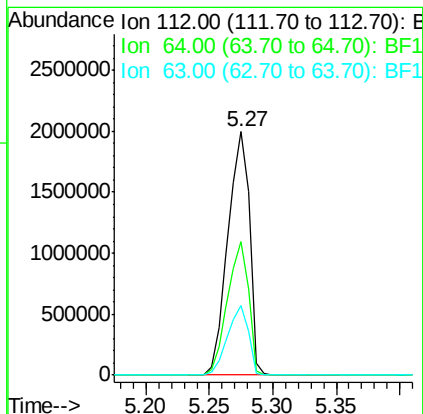
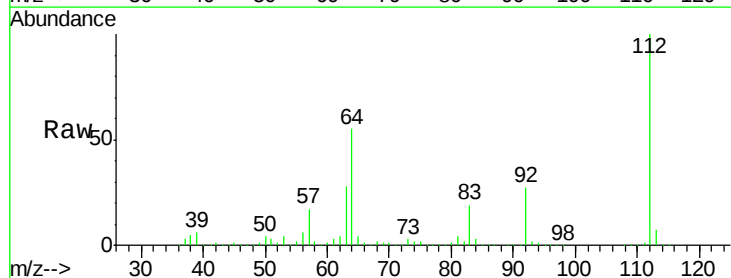
Tot Ion: 42 Resp: 372013
 Ion Ratio Lower Upper
 42 100
 74 154.8 126.2 189.2
 44 6.5 5.9 8.9

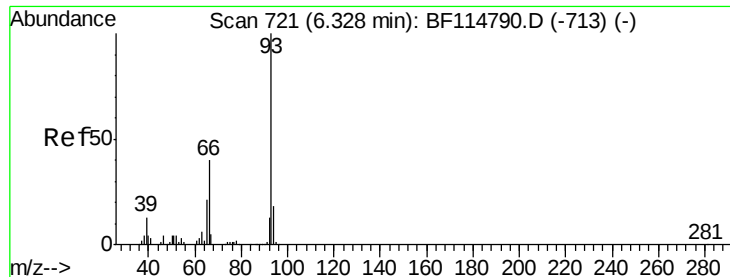


#5

2-Fluorophenol
 Concen: 133.675 ng
 RT: 5.27 min Scan# 542
 Delta R.T. 0.01 min
 Lab File: BF114891.D
 Acq: 7 Jun 2019 11:18

Tgt Ion: 112 Resp: 2344973
 Ion Ratio Lower Upper
 112 100
 64 54.9 44.6 66.8
 63 28.4 23.0 34.4





#6

Aniline

Concen: 9.959 ng

RT: 6.33 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF114891.D

Acq: 7 Jun 2019 11:18

Instrument :

BNA_F

ClientSampleId :

RBR-200050MS

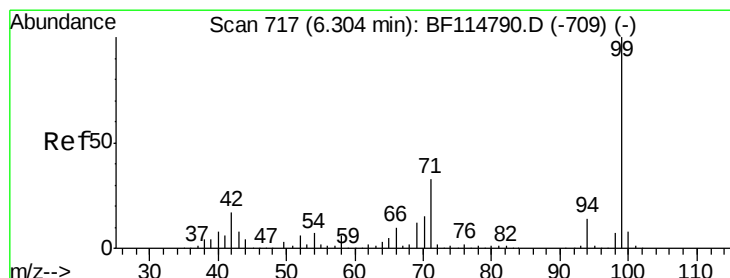
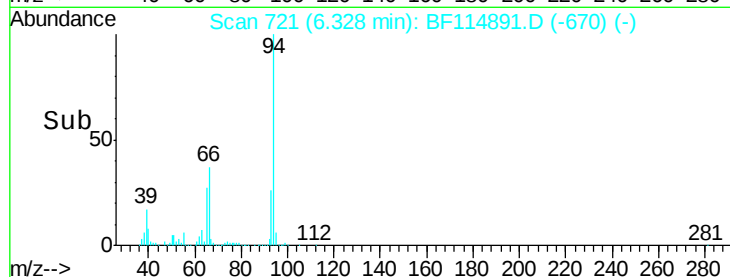
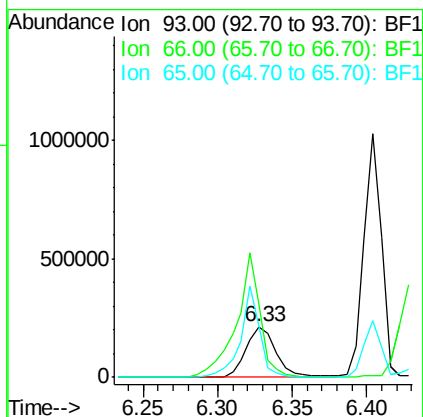
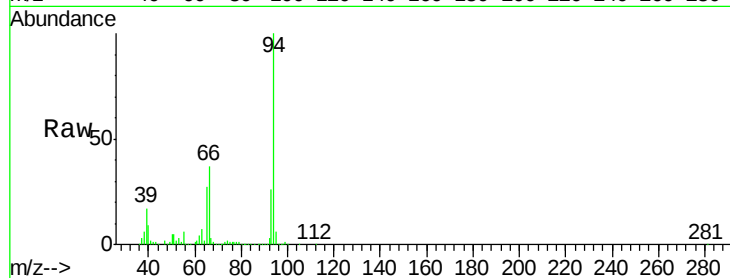
Tot Ion: 93 Resp: 301638

Ion Ratio Lower Upper

93 100

66 143.7 32.8 49.2#

65 102.4 16.9 25.3#



#7

Phenol-d6

Concen: 138.112 ng

RT: 6.31 min Scan# 718

Delta R.T. 0.01 min

Lab File: BF114891.D

Acq: 7 Jun 2019 11:18

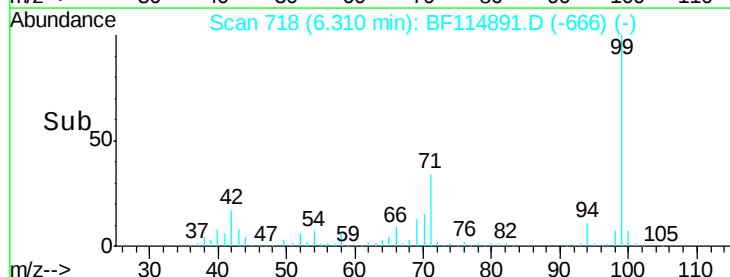
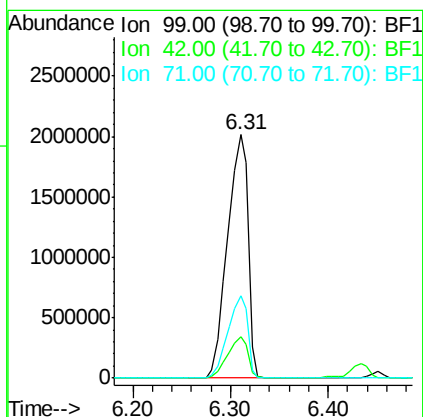
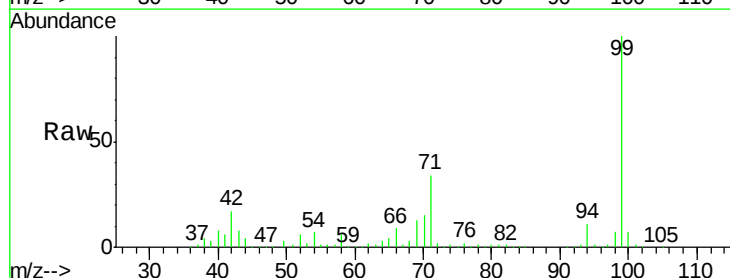
Tgt Ion: 99 Resp: 2948075

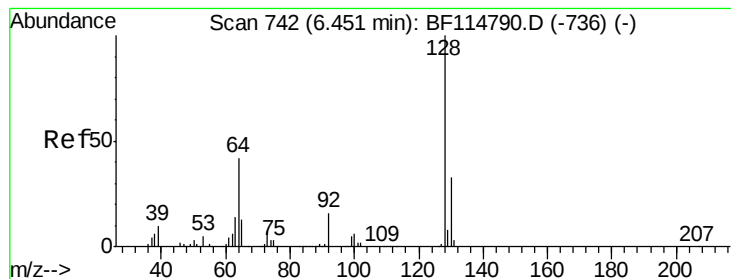
Ion Ratio Lower Upper

99 100

42 16.8 13.3 19.9

71 33.8 26.3 39.5





#8

2-Chlorophenol

Concen: 45.975 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF114891.D

Acq: 7 Jun 2019 11:18

Instrument :

BNA_F

ClientSampleId :

RBR-200050MS

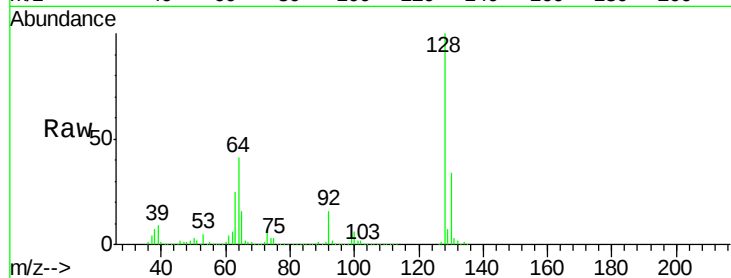
Tot Ion:128 Resp: 931843

Ion Ratio Lower Upper

128 100

130 33.9 12.7 52.7

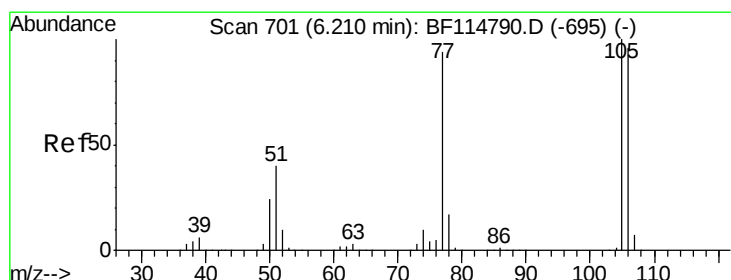
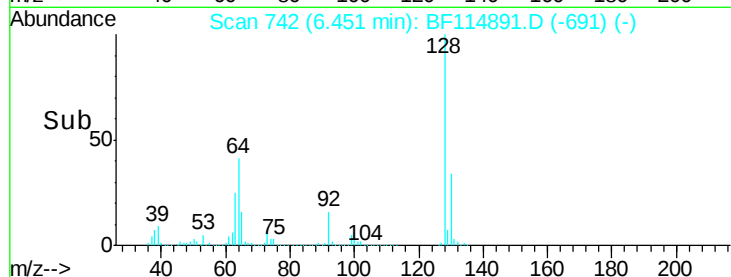
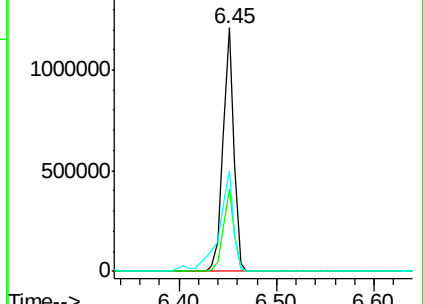
64 41.2 22.5 62.5



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: 20.896 ng

RT: 6.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BF114891.D

Acq: 7 Jun 2019 11:18

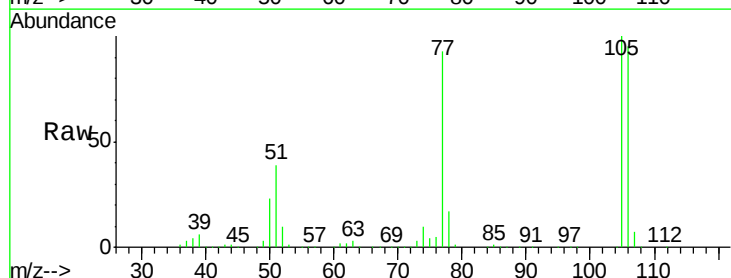
Tgt Ion: 77 Resp: 309396

Ion Ratio Lower Upper

77 100

105 107.4 85.8 125.8

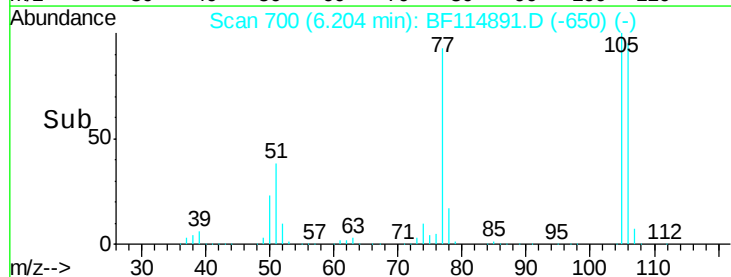
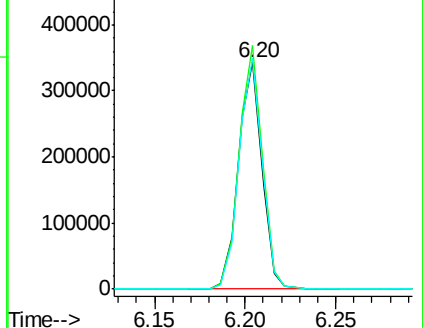
106 101.8 81.6 121.6

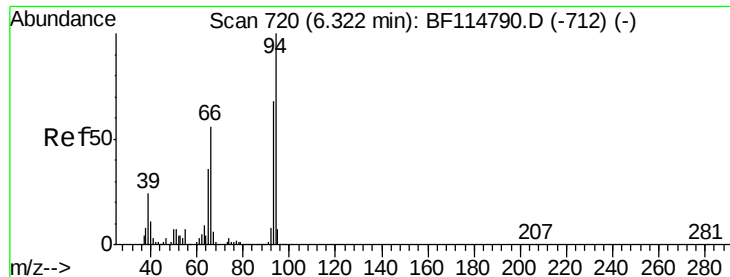


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 44.337 ng

RT: 6.32 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF114891.D

Acq: 7 Jun 2019 11:18

Instrument :

BNA_F

ClientSampleId :

RBR-200050MS

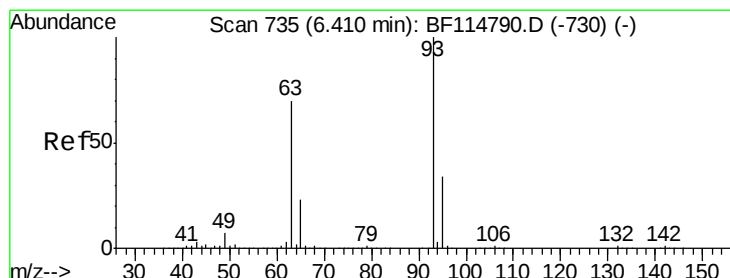
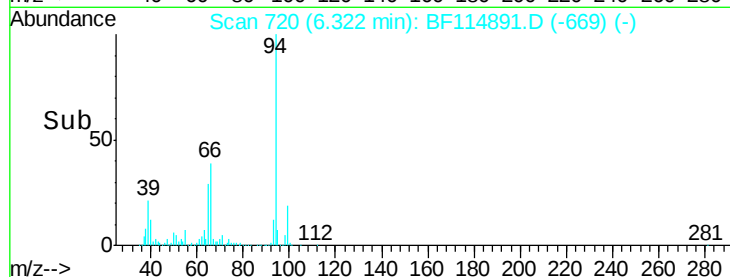
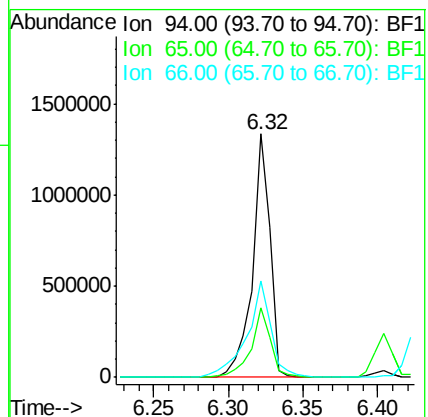
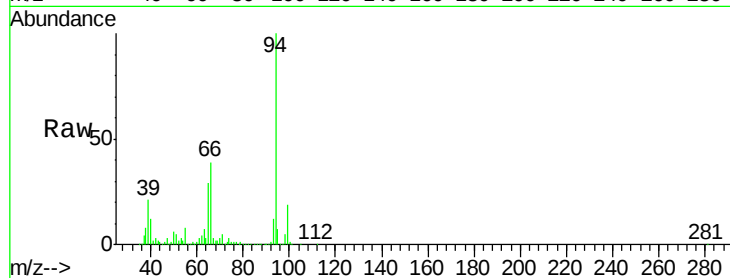
Tot Ion: 94 Resp: 1082263

Ion Ratio Lower Upper

94 100

65 28.7 16.1 56.1

66 39.5 36.3 76.3



#11

bis(2-Chloroethyl)ether

Concen: 43.834 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF114891.D

Acq: 7 Jun 2019 11:18

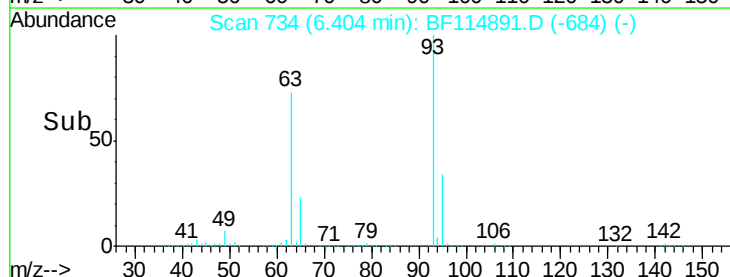
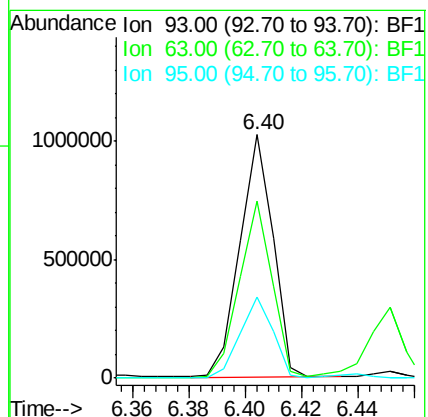
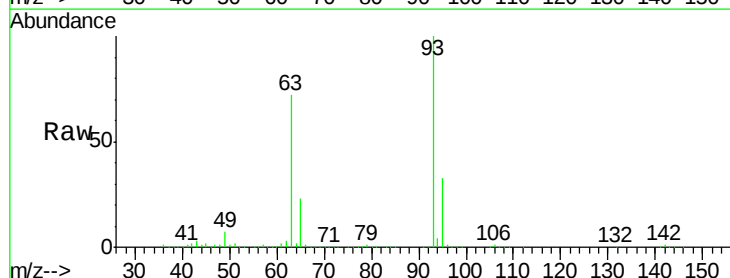
Tgt Ion: 93 Resp: 835063

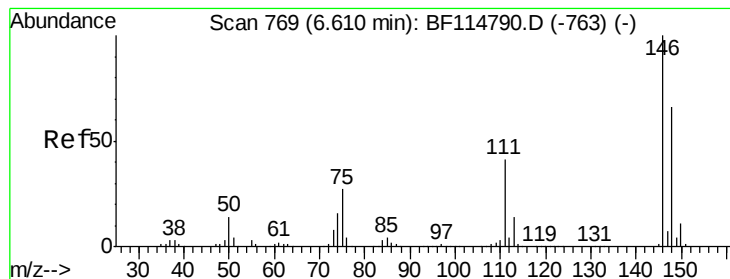
Ion Ratio Lower Upper

93 100

63 72.5 49.6 89.6

95 33.4 13.6 53.6





#12

1,3-Dichlorobenzene

Concen: 42.225 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF114891.D

Acq: 7 Jun 2019 11:18

Instrument :

BNA_F

ClientSampleId :

RBR-200050MS

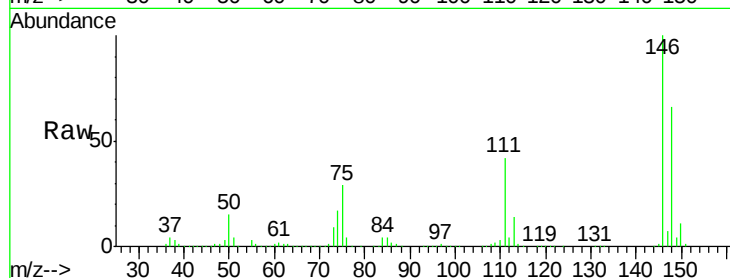
Tot Ion:146 Resp: 997278

Ion Ratio Lower Upper

146 100

148 66.5 52.7 79.1

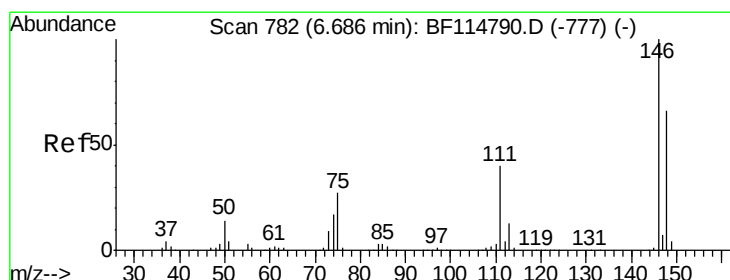
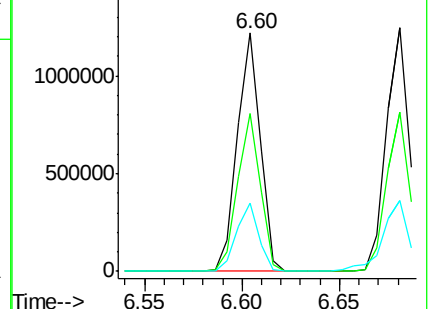
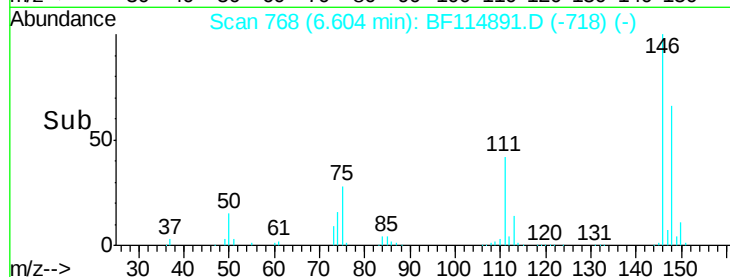
75 28.5 22.0 33.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1



#13

1,4-Dichlorobenzene

Concen: 42.482 ng

RT: 6.68 min Scan# 781

Delta R.T. -0.01 min

Lab File: BF114891.D

Acq: 7 Jun 2019 11:18

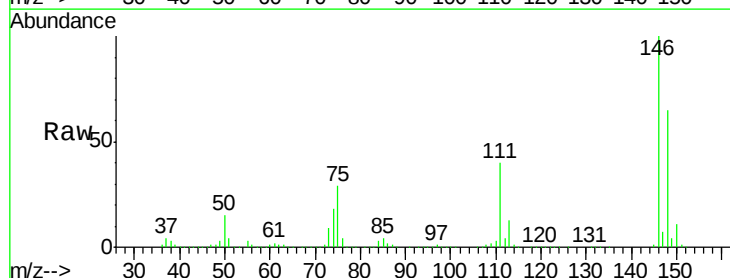
Tgt Ion:146 Resp: 1009584

Ion Ratio Lower Upper

146 100

148 65.3 53.0 79.4

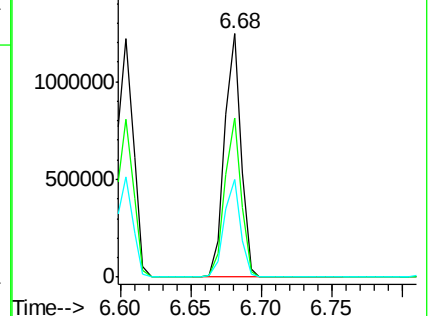
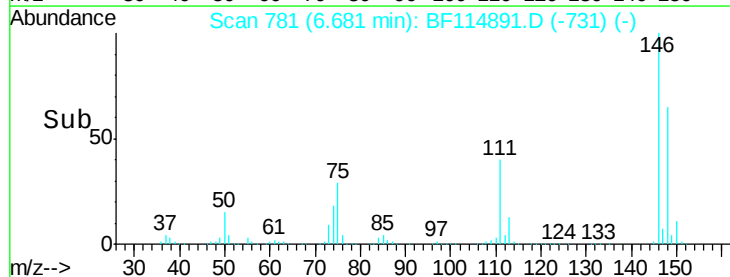
111 40.1 32.2 48.4

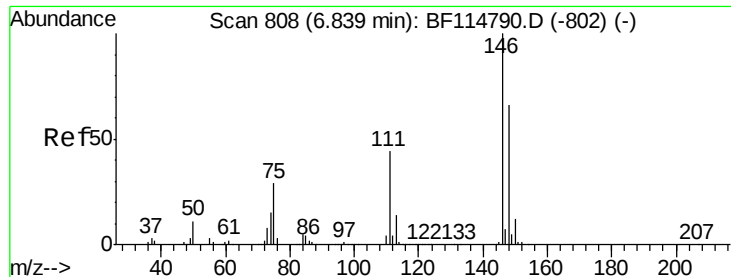


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 43.520 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF114891.D

Acq: 7 Jun 2019 11:18

Instrument :

BNA_F

ClientSampleId :

RBR-200050MS

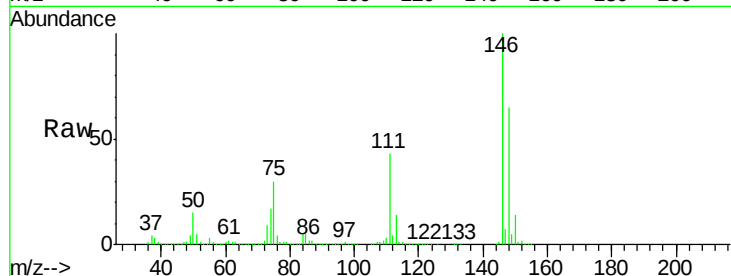
Tot Ion:146 Resp: 934053

Ion Ratio Lower Upper

146 100

148 64.7 52.5 78.7

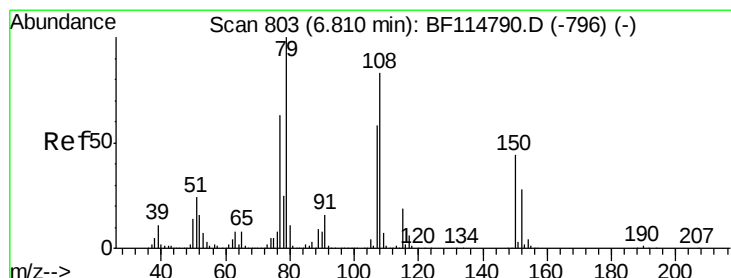
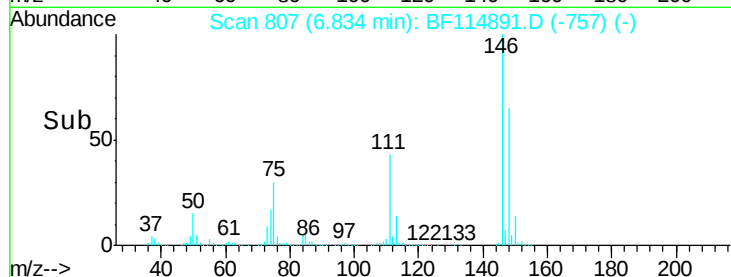
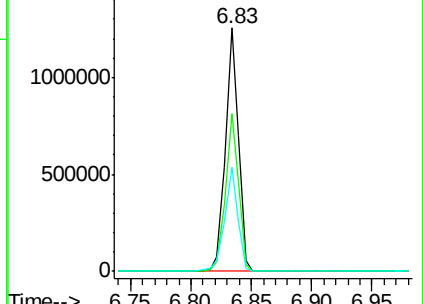
111 43.0 34.8 52.2



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: 45.516 ng

RT: 6.81 min Scan# 803

Delta R.T. 0.00 min

Lab File: BF114891.D

Acq: 7 Jun 2019 11:18

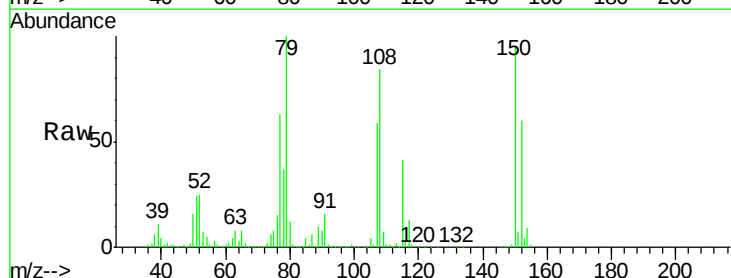
Tgt Ion: 79 Resp: 734715

Ion Ratio Lower Upper

79 100

108 83.8 66.8 100.2

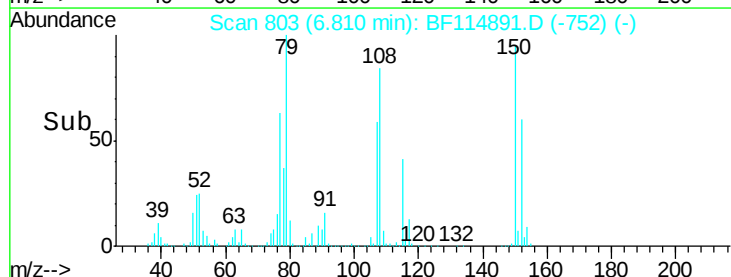
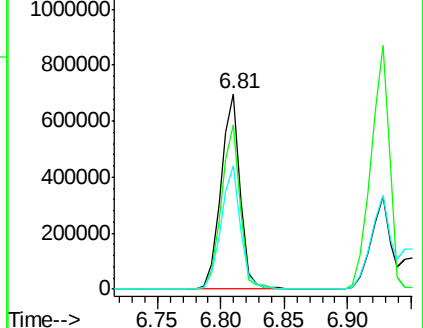
77 62.8 50.6 76.0

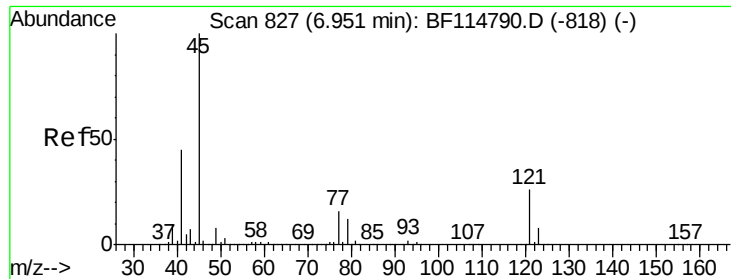


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

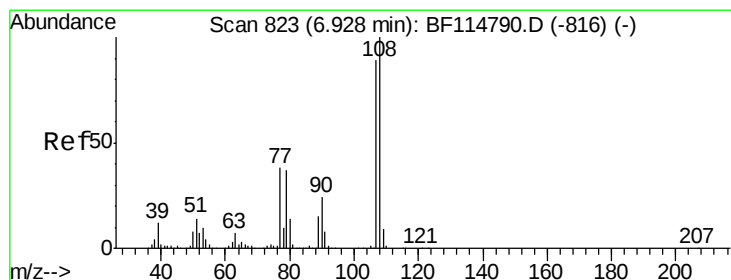
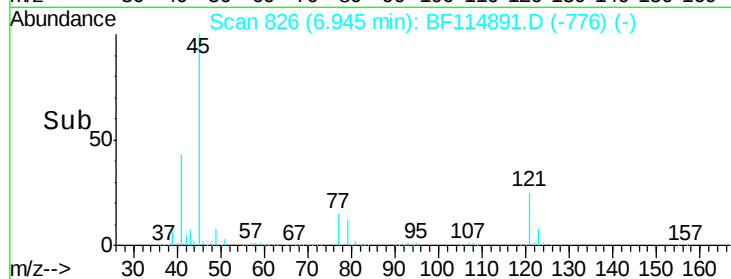
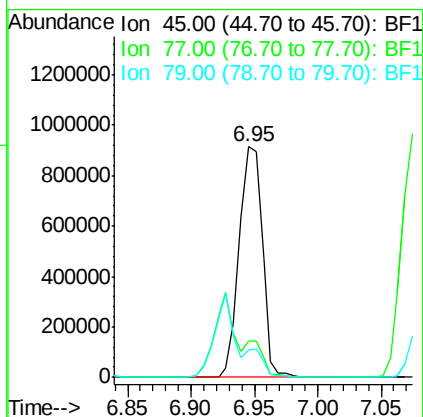
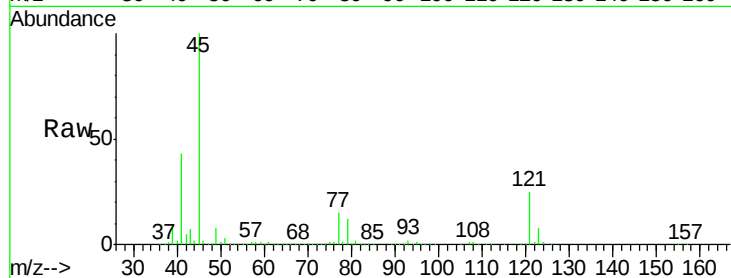




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 42.351 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.01 min
Lab File: BF114891.D
Acq: 7 Jun 2019 11:18

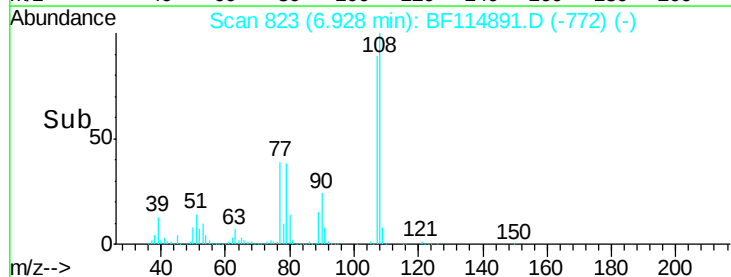
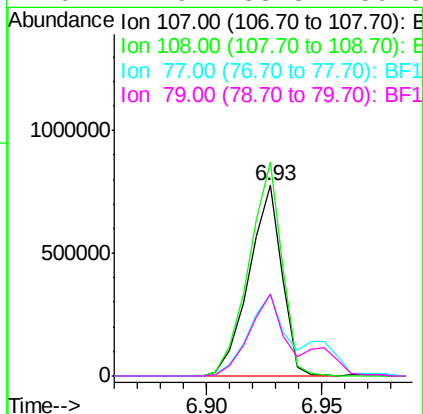
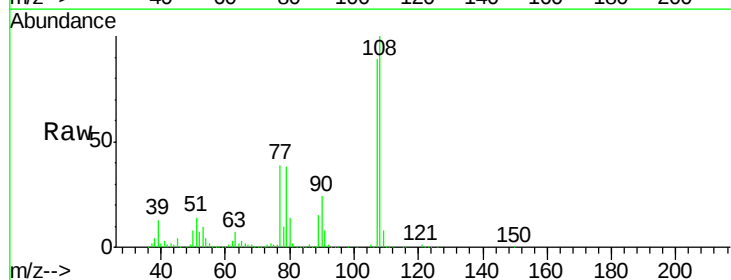
Instrument :
BNA_F
ClientSampleId :
RBR-200050MS

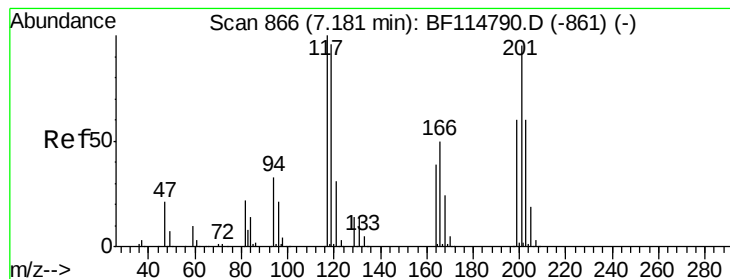
Tot Ion: 45 Resp: 1153871
Ion Ratio Lower Upper
45 100
77 15.5 0.0 35.8
79 11.8 0.0 32.0



#17
2-Methylphenol
Concen: 44.532 ng
RT: 6.93 min Scan# 823
Delta R.T. 0.00 min
Lab File: BF114891.D
Acq: 7 Jun 2019 11:18

Tgt Ion:107 Resp: 771515
Ion Ratio Lower Upper
107 100
108 112.1 90.2 135.2
77 43.3 34.5 51.7
79 42.9 33.8 50.6





#18

Hexachloroethane

Concen: 40.583 ng

RT: 7.17 min Scan# 865

Delta R.T. -0.01 min

Lab File: BF114891.D

Acq: 7 Jun 2019 11:18

Instrument :

BNA_F

ClientSampleId :

RBR-200050MS

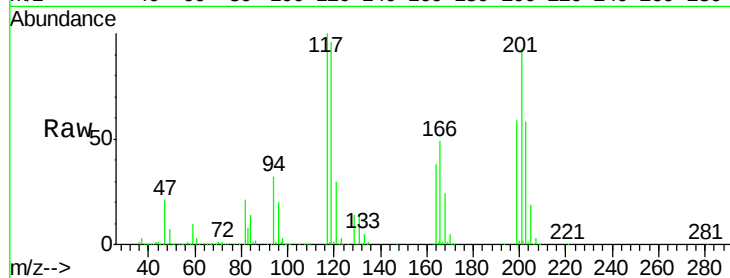
Tot Ion:117 Resp: 363010

Ion Ratio Lower Upper

117 100

119 95.8 77.0 115.4

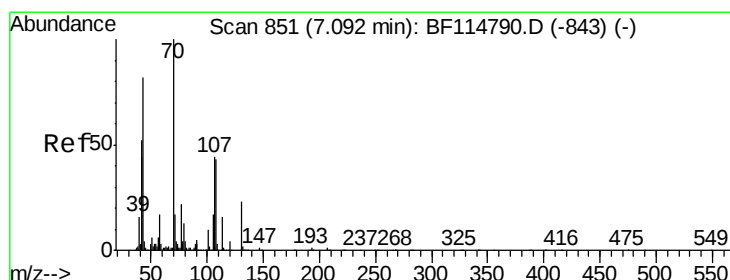
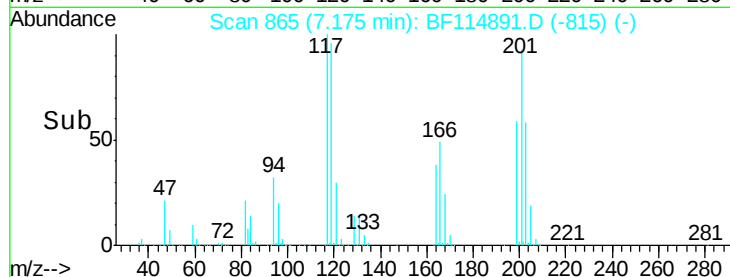
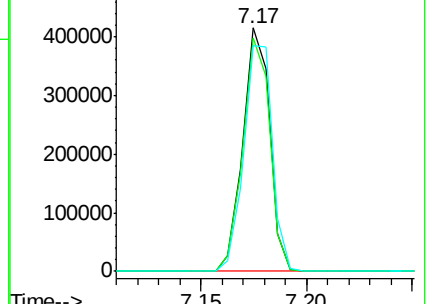
201 92.9 76.0 114.0



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: 40.769 ng

RT: 7.09 min Scan# 850

Delta R.T. -0.01 min

Lab File: BF114891.D

Acq: 7 Jun 2019 11:18

Tgt Ion: 70 Resp: 576065

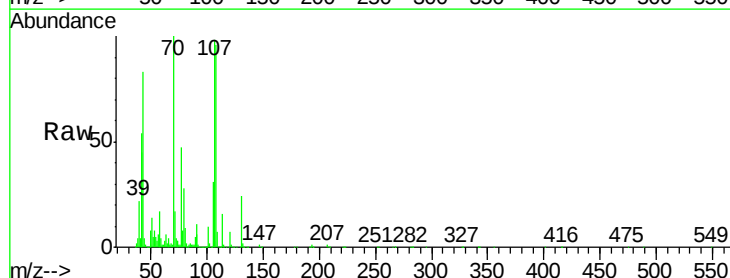
Ion Ratio Lower Upper

70 100

42 53.9 41.8 62.8

101 9.8 8.2 12.4

130 23.6 18.5 27.7

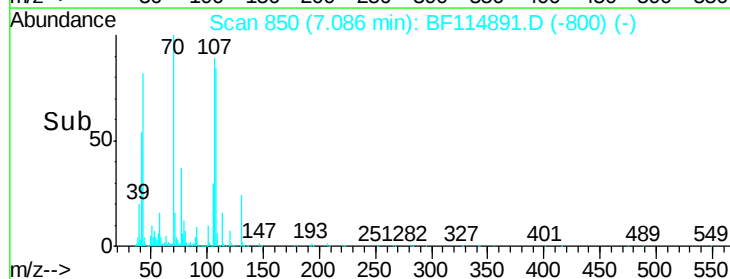
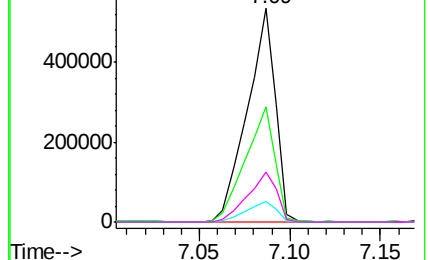


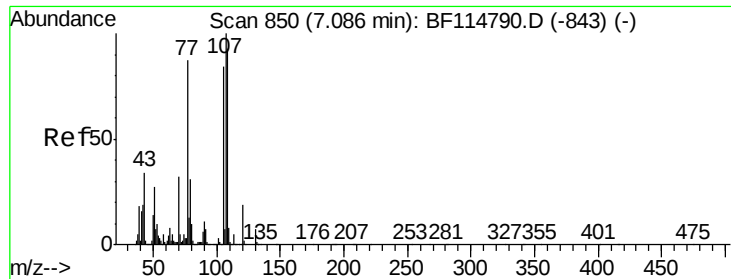
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 45.560 ng

RT: 7.08 min Scan# 849

Delta R.T. -0.01 min

Lab File: BF114891.D

Acq: 7 Jun 2019 11:18

Instrument :

BNA_F

ClientSampleId :

RBR-200050MS

Tot Ion:107 Resp: 870598

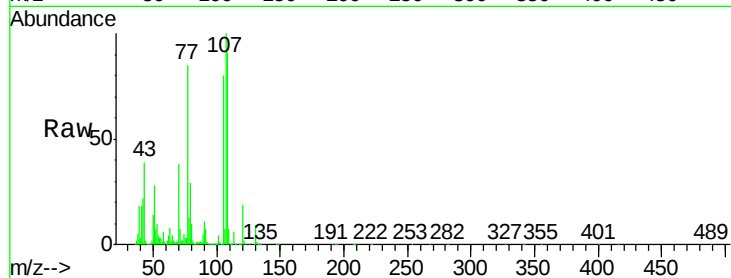
Ion Ratio Lower Upper

107 100

108 91.0 73.5 113.5

77 85.5 67.2 107.2

79 28.8 10.6 50.6

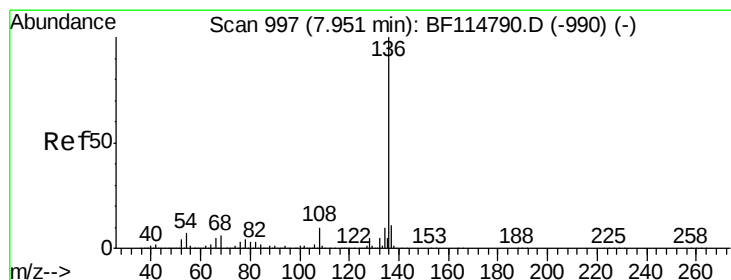
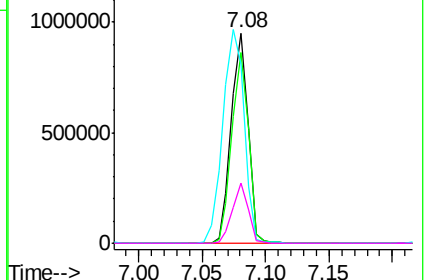
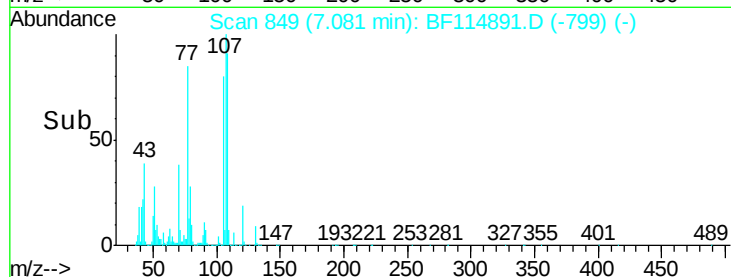


Abundance Ion 107.00 (106.70 to 107.70): E

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF114891.D

Acq: 7 Jun 2019 11:18

Tgt Ion:136 Resp: 1162479

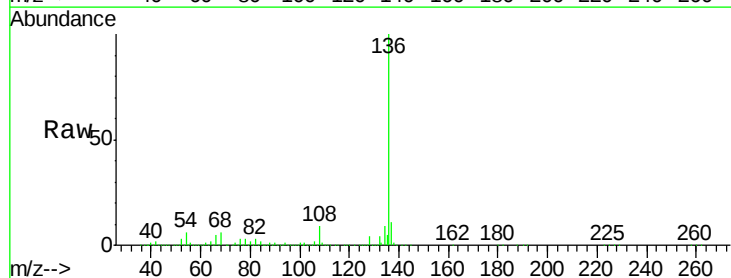
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 6.3 5.4 8.0

68 5.6 4.6 6.8

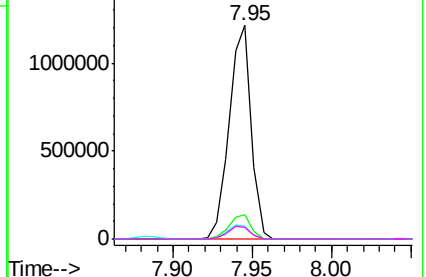
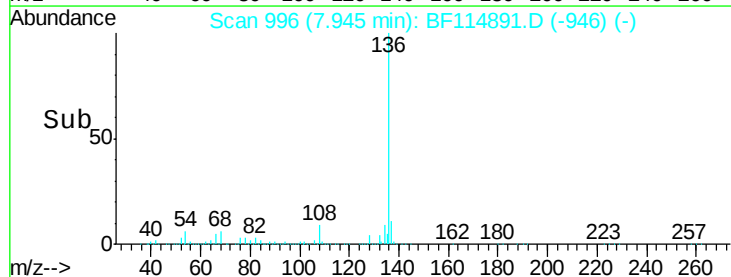


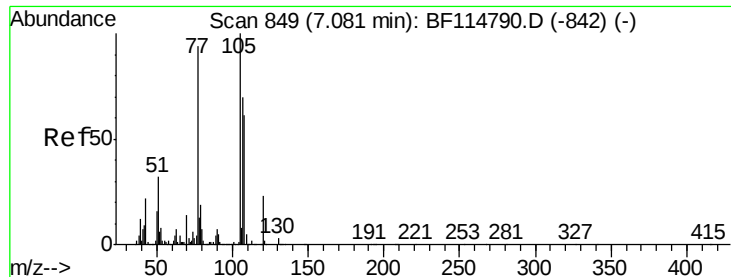
Abundance Ion 136.00 (135.70 to 136.70): E

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: 47.429 ng

RT: 7.07 min Scan# 848

Delta R.T. -0.01 min

Lab File: BF114891.D

Acq: 7 Jun 2019 11:18

Instrument :

BNA_F

ClientSampleId :

RBR-200050MS

Tot Ion:105 Resp: 1213893

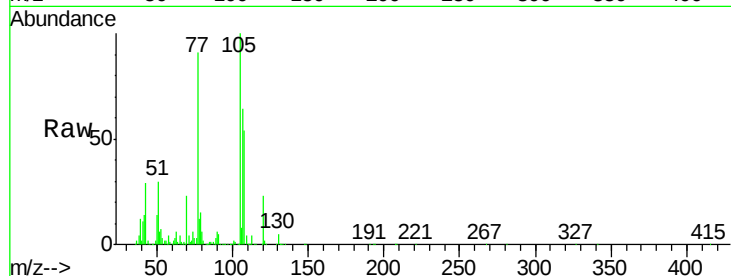
Ion Ratio Lower Upper

105 100

71 4.2 2.0 3.0#

51 29.8 25.4 38.0

120 23.2 18.7 28.1

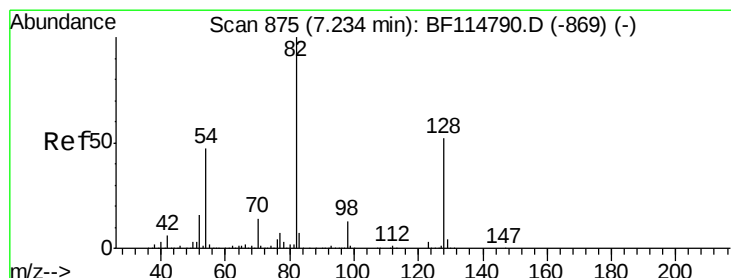
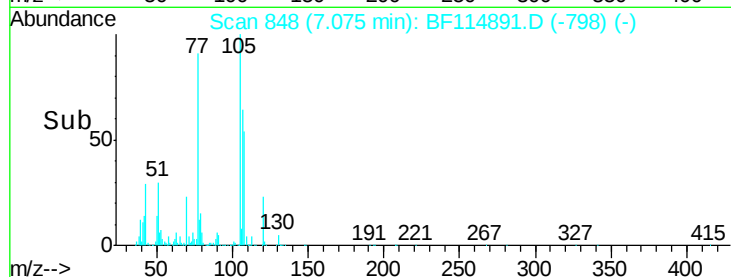
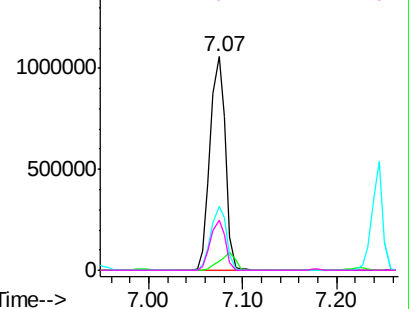


Abundance Ion 105.00 (104.70 to 105.70): E

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: 96.602 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF114891.D

Acq: 7 Jun 2019 11:18

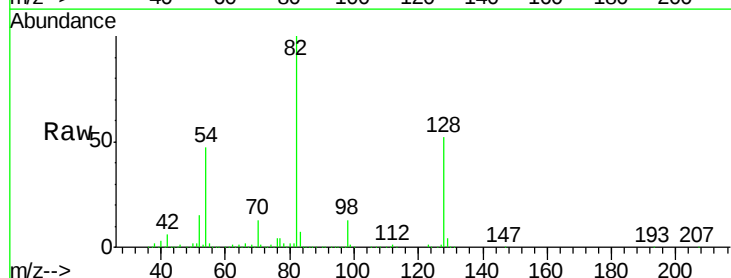
Tgt Ion: 82 Resp: 1824244

Ion Ratio Lower Upper

82 100

128 51.6 41.8 62.6

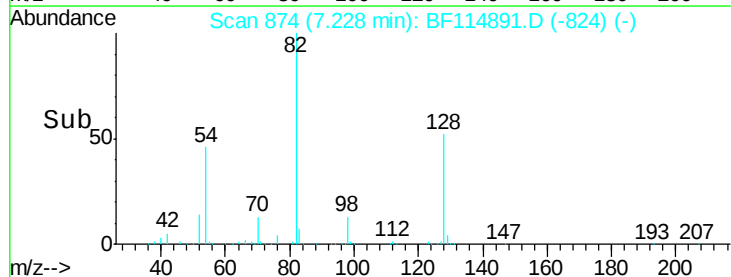
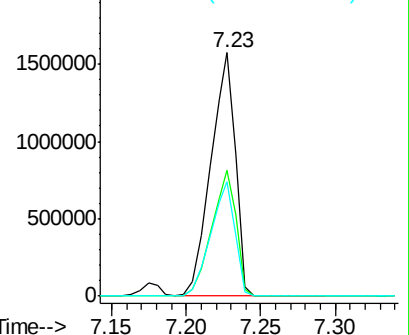
54 47.1 37.9 56.9

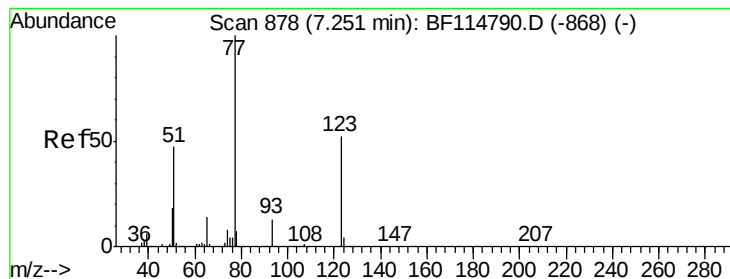


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#24

Nitrobenzene

Concen: 47.403 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF114891.D

Acq: 7 Jun 2019 11:18

Instrument :

BNA_F

ClientSampleId :

RBR-200050MS

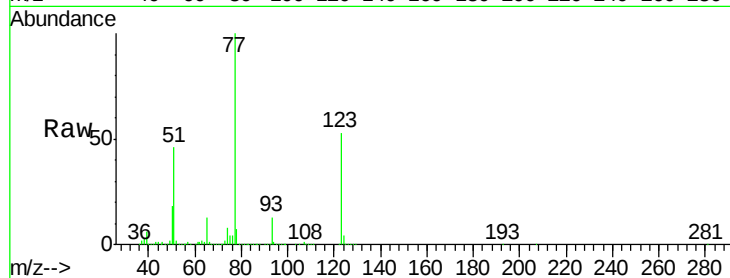
Tot Ion: 77 Resp: 927359

Ion Ratio Lower Upper

77 100

123 53.3 41.5 62.3

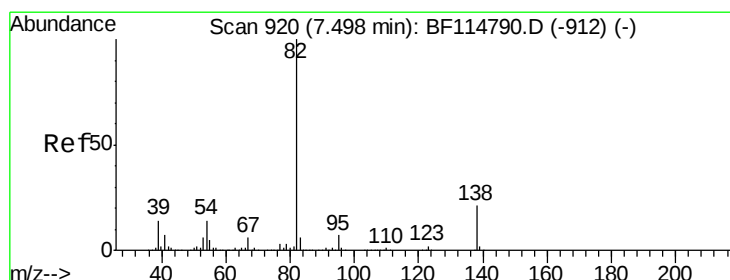
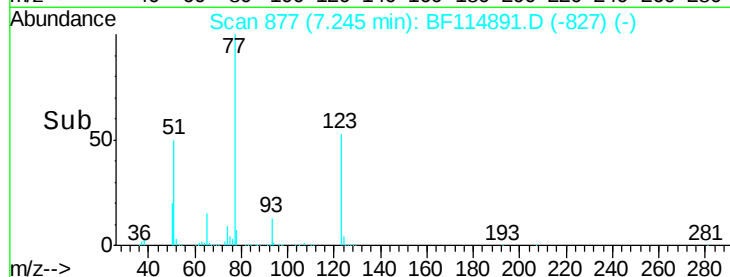
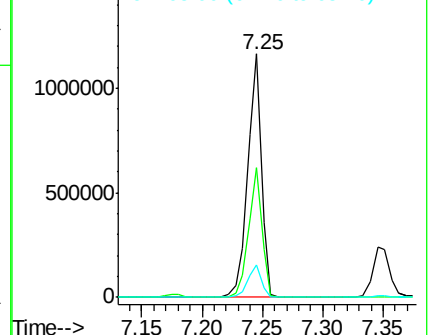
65 13.3 10.8 16.2



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: 45.539 ng

RT: 7.49 min Scan# 918

Delta R.T. -0.01 min

Lab File: BF114891.D

Acq: 7 Jun 2019 11:18

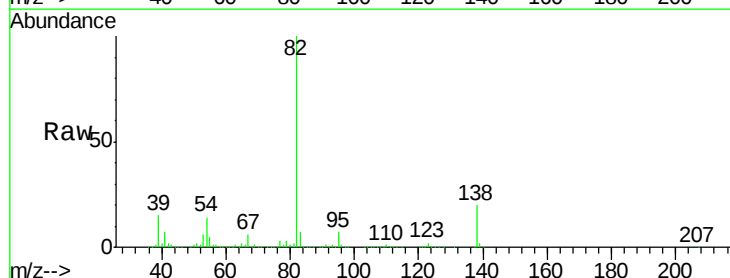
Tgt Ion: 82 Resp: 1700093

Ion Ratio Lower Upper

82 100

95 7.1 5.8 8.8

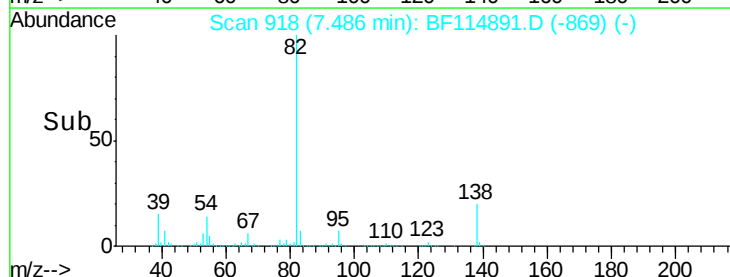
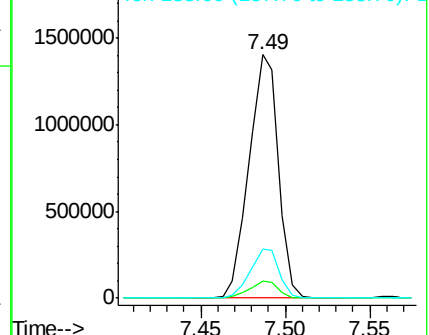
138 20.1 16.9 25.3

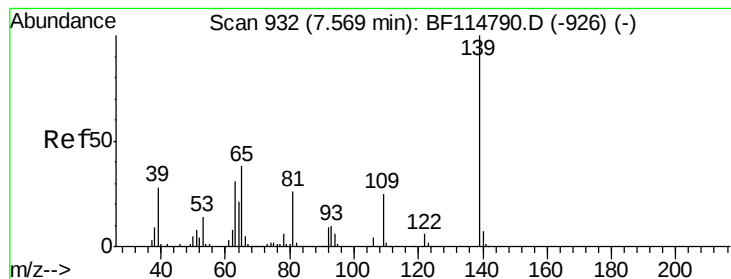


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

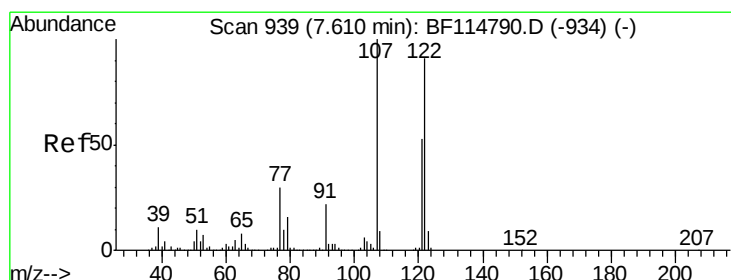
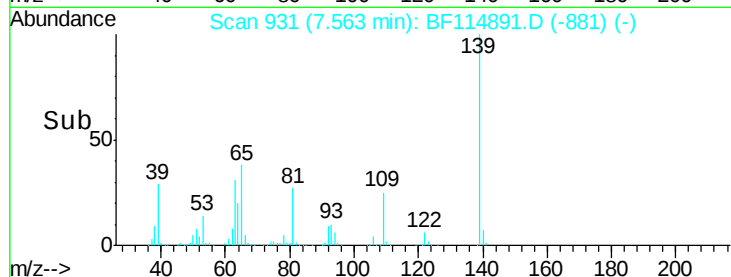
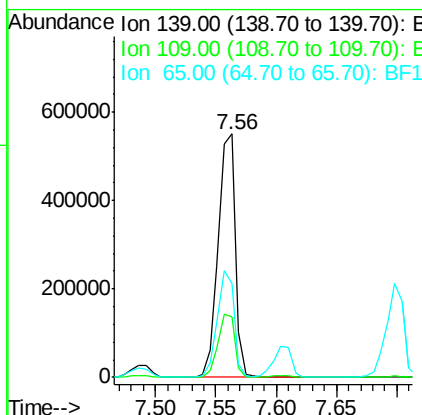
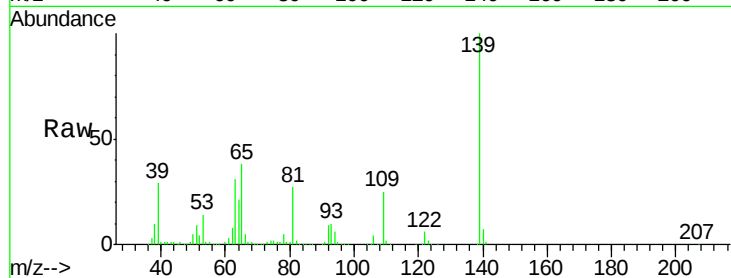




#26
2-Nitrophenol
Concen: 50.554 ng
RT: 7.56 min Scan# 931
Delta R.T. -0.01 min
Lab File: BF114891.D
Acq: 7 Jun 2019 11:18

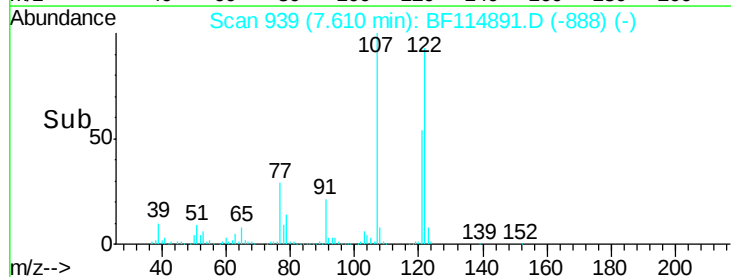
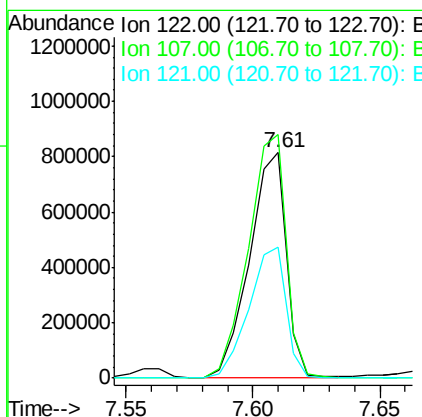
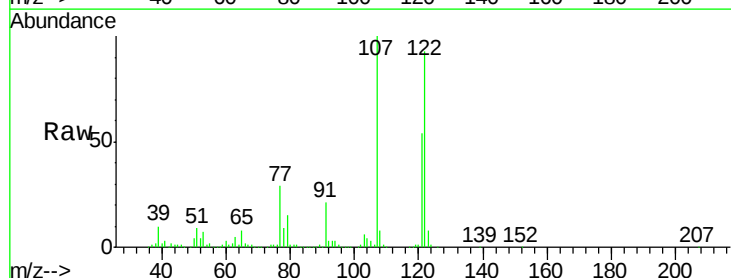
Instrument :
BNA_F
ClientSampleId :
RBR-200050MS

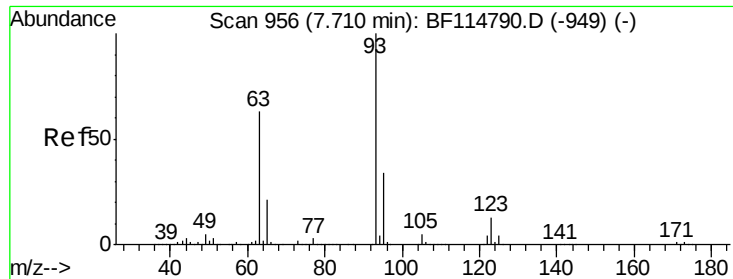
Tot Ion	Ratio	Lower	Upper
139	100		
109	25.0	20.4	30.6
65	38.4	30.5	45.7



#27
2,4-Dimethylphenol
Concen: 51.543 ng
RT: 7.61 min Scan# 939
Delta R.T. 0.00 min
Lab File: BF114891.D
Acq: 7 Jun 2019 11:18

Tgt Ion	Ratio	Lower	Upper
122	100		
107	108.1	87.9	131.9
121	58.3	46.4	69.6

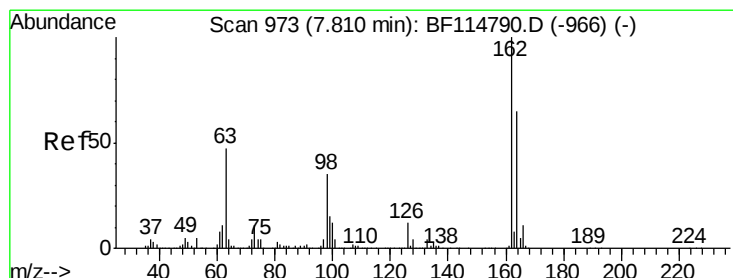
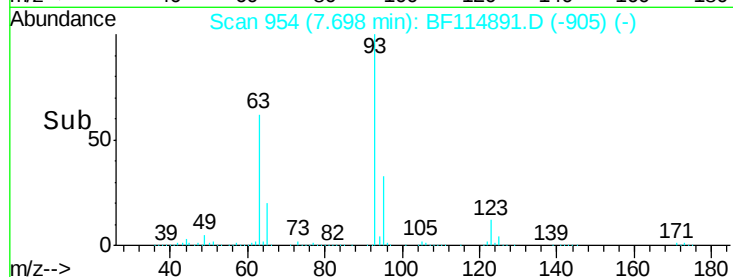
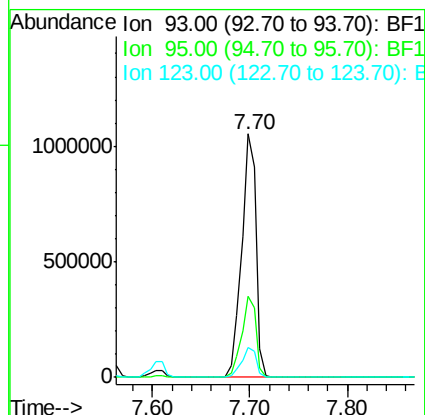
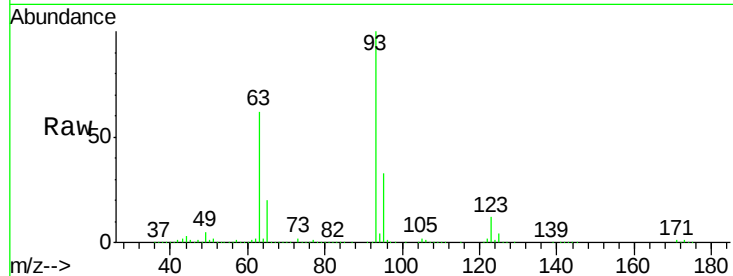




#28
bis(2-Chloroethoxy)methane
Concen: 45.104 ng
RT: 7.70 min Scan# 954
Delta R.T. -0.01 min
Lab File: BF114891.D
Acq: 7 Jun 2019 11:18

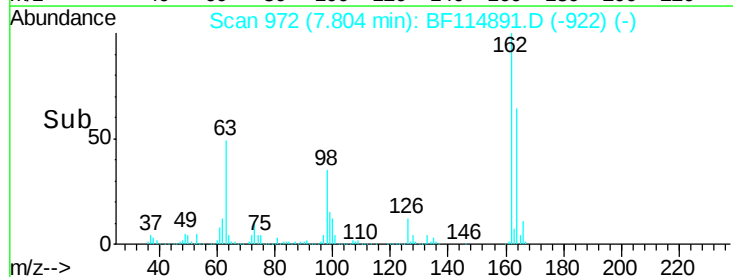
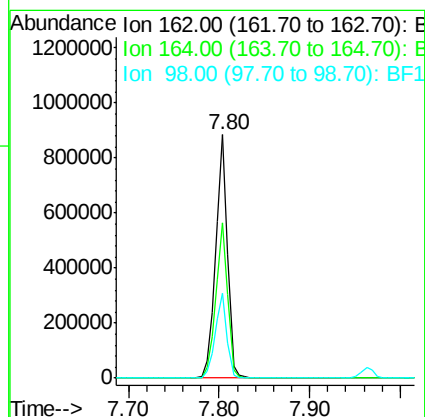
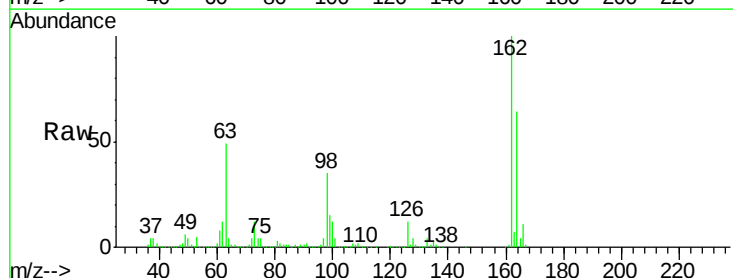
Instrument :
BNA_F
ClientSampleId :
RBR-200050MS

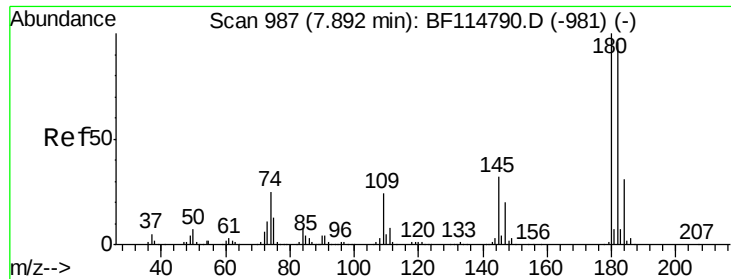
Tot Ion: 93 Resp: 1076391
Ion Ratio Lower Upper
93 100
95 33.4 26.9 40.3
123 12.0 10.4 15.6



#29
2,4-Dichlorophenol
Concen: 47.686 ng
RT: 7.80 min Scan# 972
Delta R.T. -0.01 min
Lab File: BF114891.D
Acq: 7 Jun 2019 11:18

Tgt Ion: 162 Resp: 807973
Ion Ratio Lower Upper
162 100
164 64.0 45.1 85.1
98 35.0 14.6 54.6

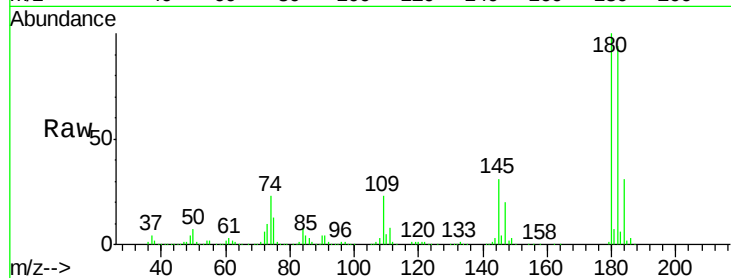




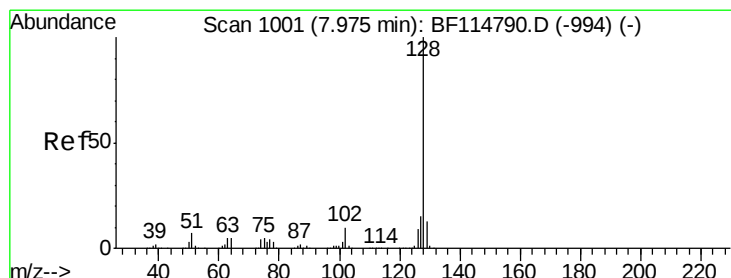
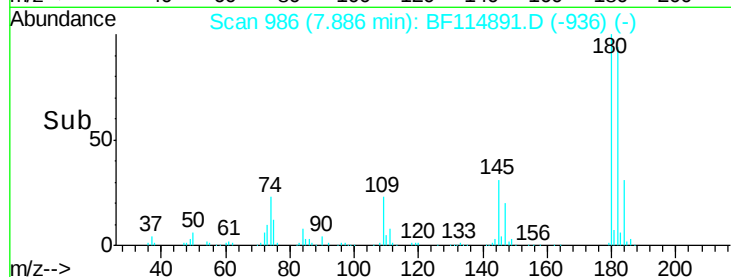
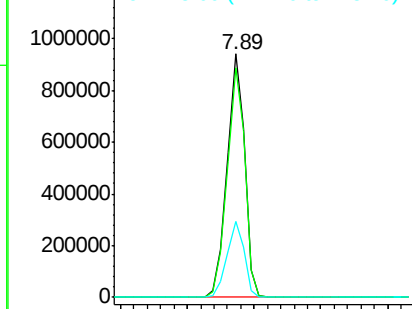
#30
1,2,4-Trichlorobenzene
Concen: 45.222 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF114891.D
Acq: 7 Jun 2019 11:18

Instrument :
BNA_F
ClientSampleId :
RBR-200050MS

Tot Ion:180 Resp: 879162
Ion Ratio Lower Upper
180 100
182 94.2 76.5 114.7
145 31.1 25.8 38.8

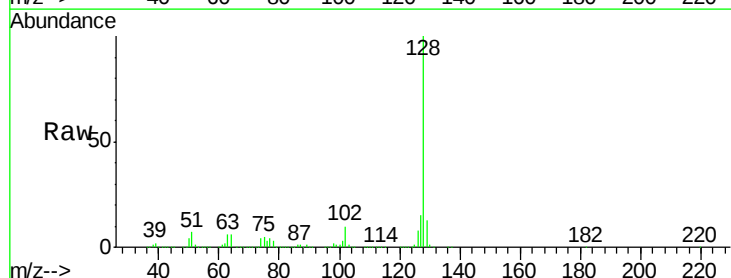


Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

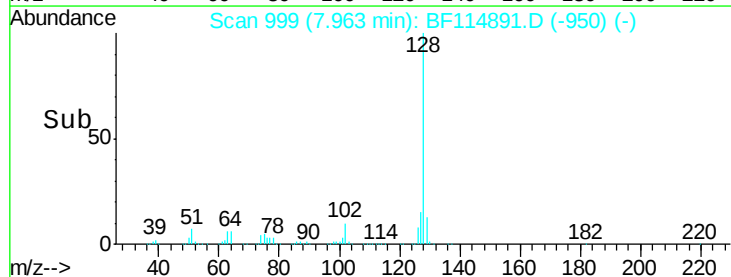
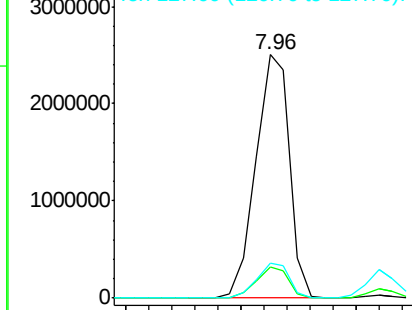


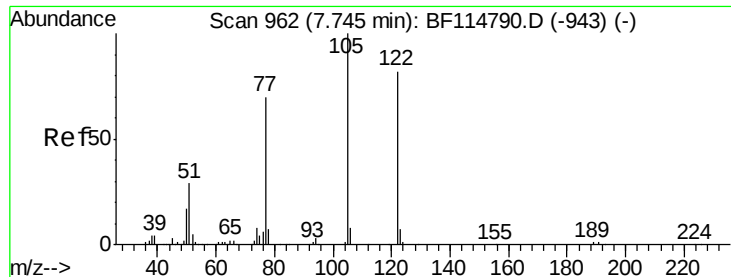
#31
Naphthalene
Concen: 48.639 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF114891.D
Acq: 7 Jun 2019 11:18

Tgt Ion:128 Resp: 2545518
Ion Ratio Lower Upper
128 100
129 12.6 10.0 15.0
127 14.6 12.2 18.2



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: 9.007 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.05 min

Lab File: BF114891.D

Acq: 7 Jun 2019 11:18

Instrument :

BNA_F

ClientSampleId :

RBR-200050MS

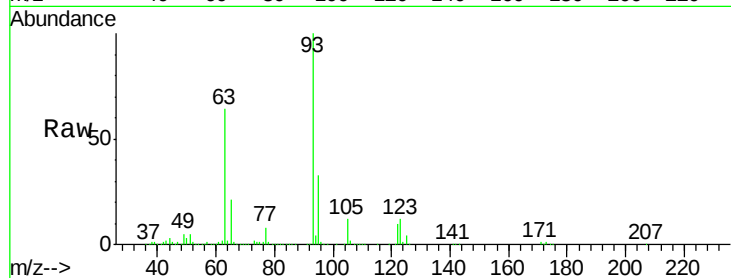
Tot Ion:122 Resp: 105652

Ion Ratio Lower Upper

122 100

105 113.8 98.7 138.7

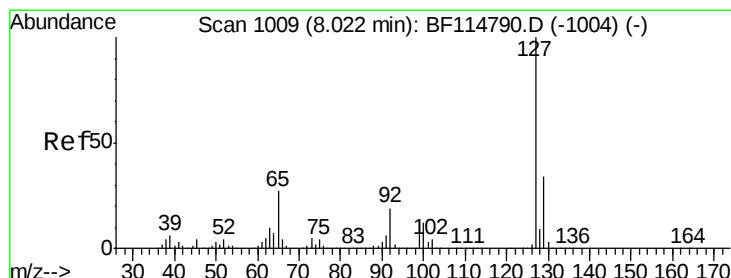
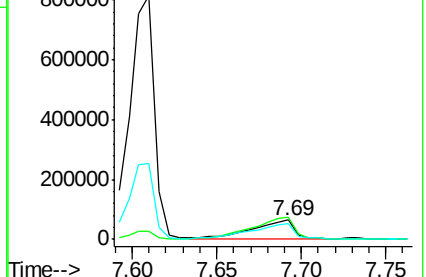
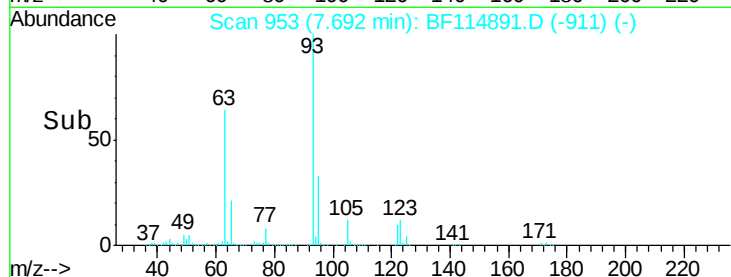
77 80.7 64.8 104.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#33

4-Chloroaniline

Concen: 11.753 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF114891.D

Acq: 7 Jun 2019 11:18

Tgt Ion:127 Resp: 293431

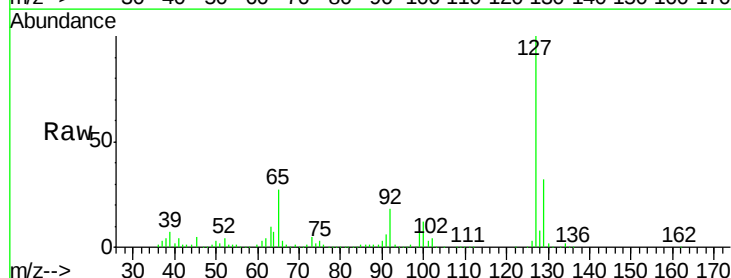
Ion Ratio Lower Upper

127 100

129 31.8 26.9 40.3

65 26.7 21.7 32.5

92 17.6 14.8 22.2

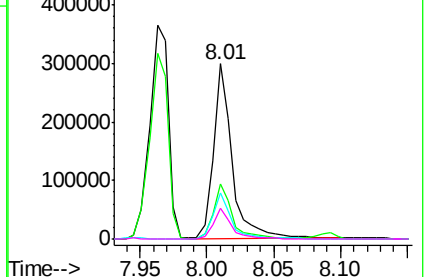
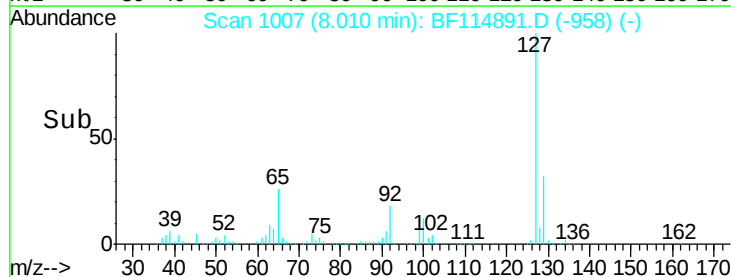


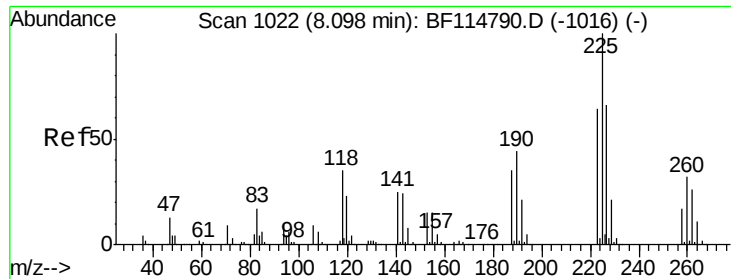
Abundance Ion 127.00 (126.70 to 127.70): E

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

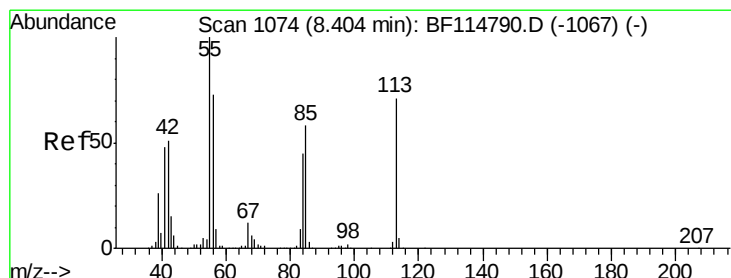
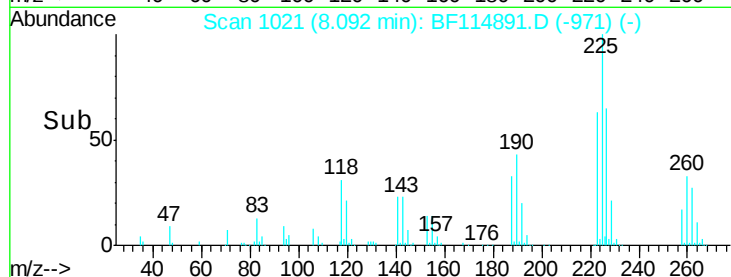
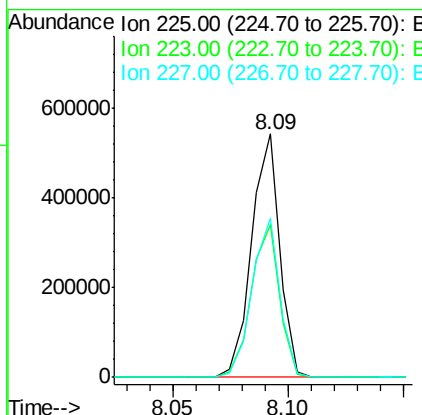
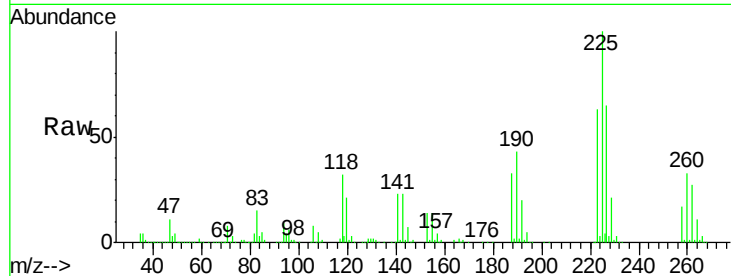




#34
Hexachlorobutadiene
Concen: 41.864 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF114891.D
Acq: 7 Jun 2019 11:18

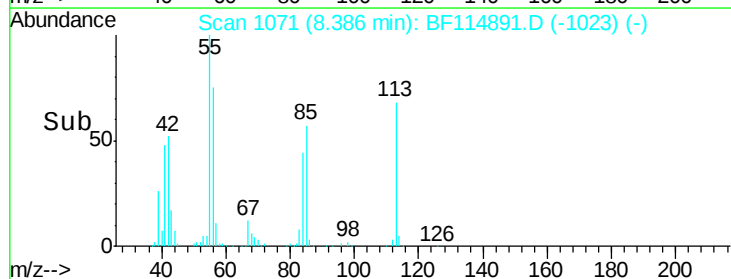
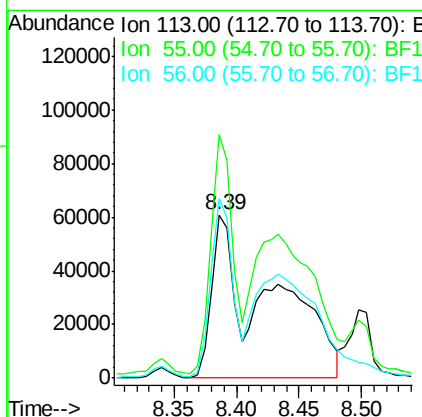
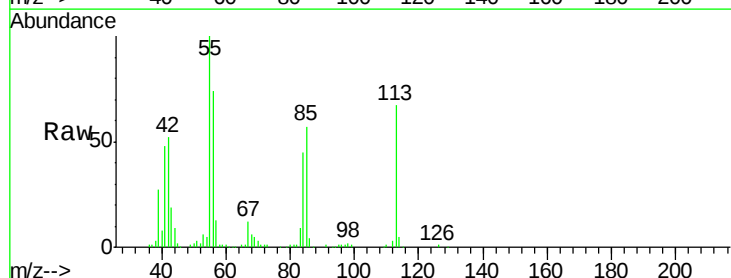
Instrument :
BNA_F
ClientSampleId :
RBR-200050MS

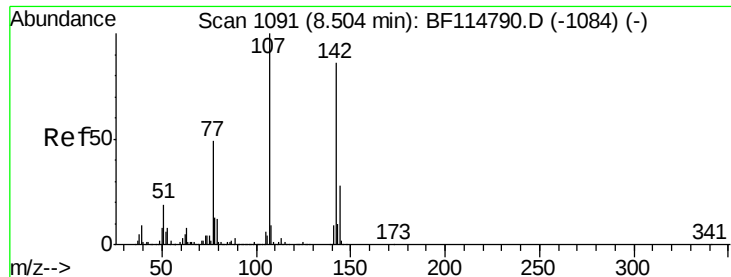
Tot Ion	Ratio	Lower	Upper
225	100		
223	63.0	51.0	76.6
227	65.3	52.6	78.8



#35
Caprolactam
Concen: 34.886 ng m
RT: 8.39 min Scan# 1071
Delta R.T. -0.02 min
Lab File: BF114891.D
Acq: 7 Jun 2019 11:18

Tgt Ion	Ratio	Lower	Upper
113	100		
55	149.2	121.1	161.1
56	110.0	82.6	122.6

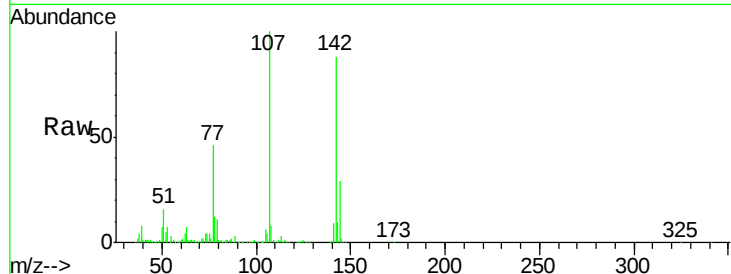




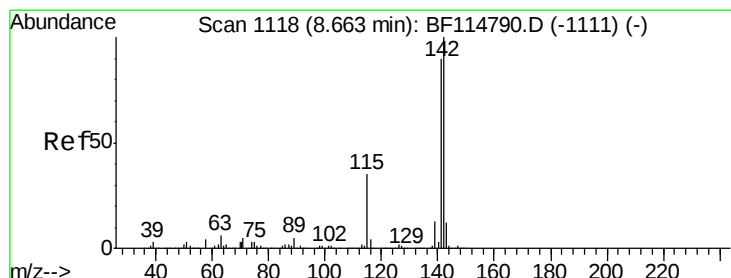
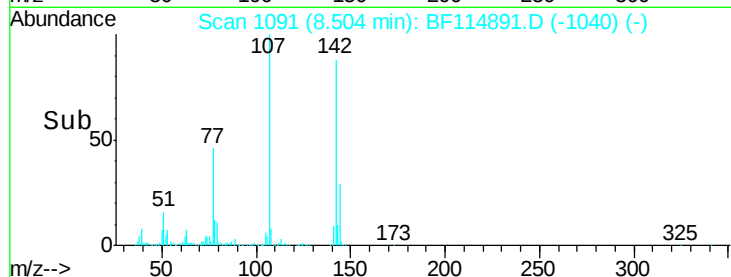
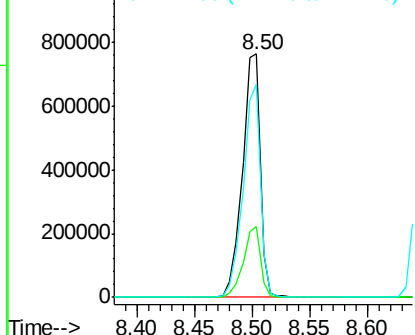
#36
4-Chloro-3-methylphenol
Concen: 48.884 ng
RT: 8.50 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BF114891.D
Acq: 7 Jun 2019 11:18

Instrument :
BNA_F
ClientSampleId :
RBR-200050MS

Tot Ion:107 Resp: 824175
Ion Ratio Lower Upper
107 100
144 29.0 22.1 33.1
142 87.6 68.4 102.6

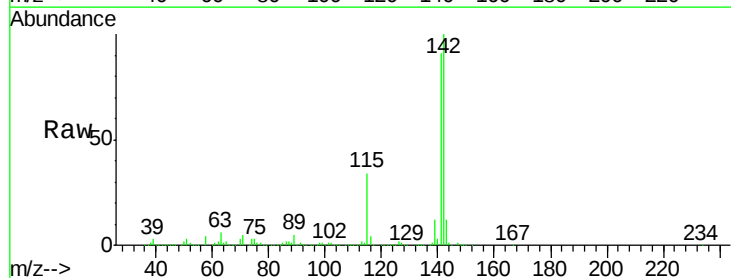


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

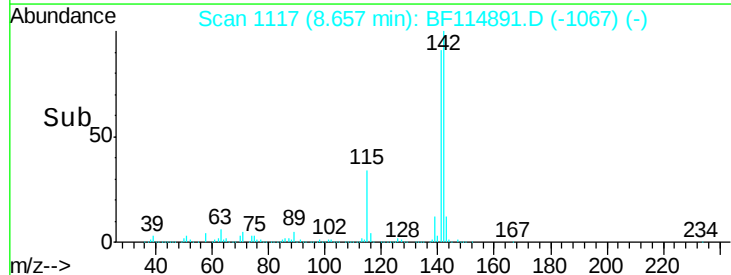
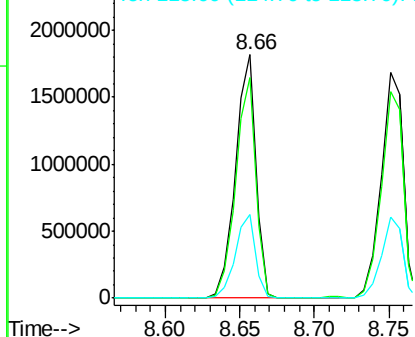


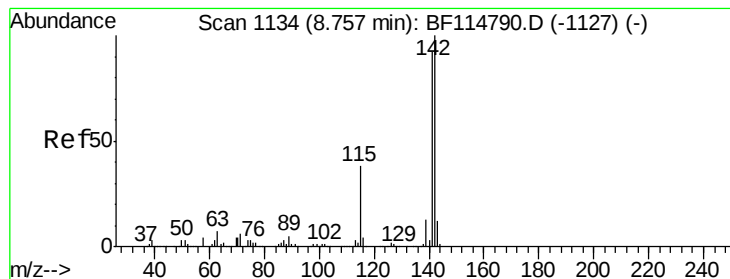
#37
2-Methylnaphthalene
Concen: 48.359 ng
RT: 8.66 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BF114891.D
Acq: 7 Jun 2019 11:18

Tgt Ion:142 Resp: 1755464
Ion Ratio Lower Upper
142 100
141 90.7 71.6 107.4
115 34.4 28.2 42.4



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: 49.078 ng

RT: 8.75 min Scan# 1133

Delta R.T. -0.01 min

Lab File: BF114891.D

Acq: 7 Jun 2019 11:18

Instrument :

BNA_F

ClientSampleId :

RBR-200050MS

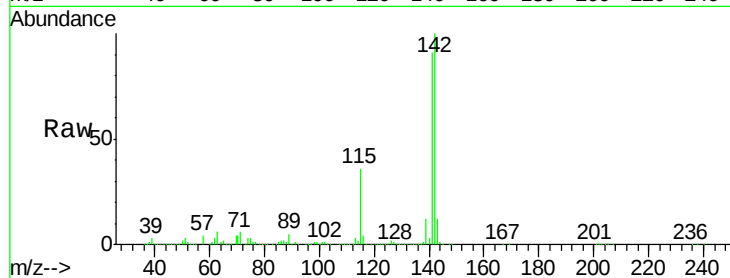
Tot Ion:142 Resp: 1689518

Ion Ratio Lower Upper

142 100

141 91.4 73.8 110.6

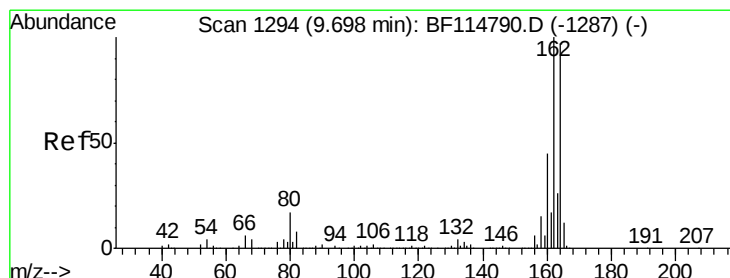
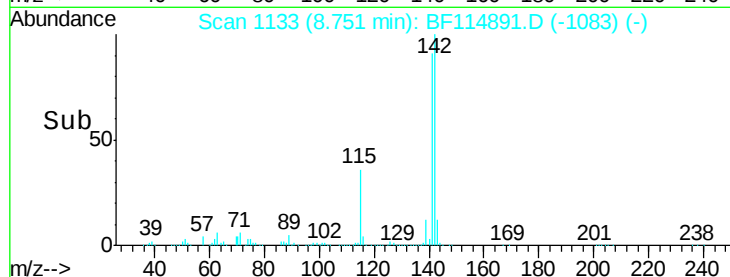
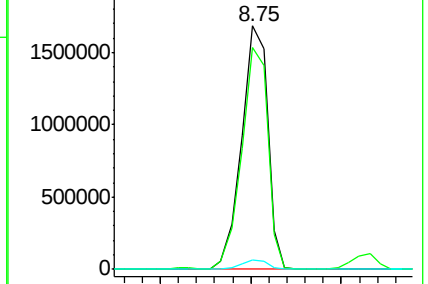
116 4.0 3.3 4.9



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: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF114891.D

Acq: 7 Jun 2019 11:18

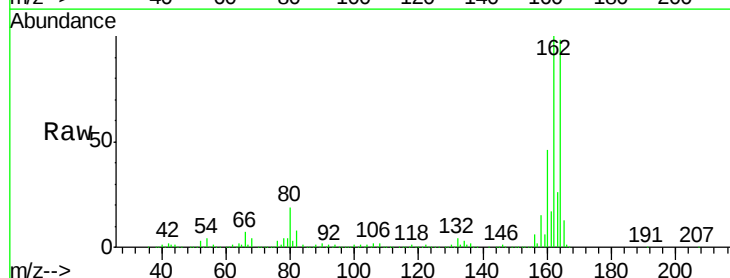
Tgt Ion:164 Resp: 572469

Ion Ratio Lower Upper

164 100

162 102.3 82.3 123.5

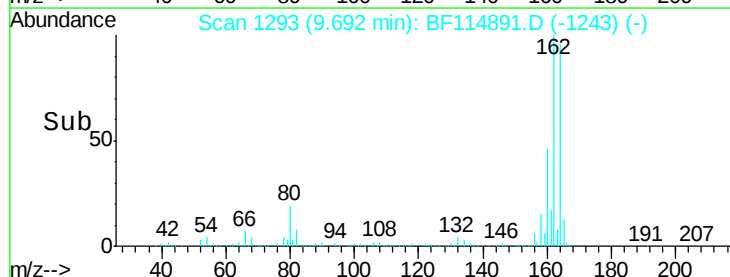
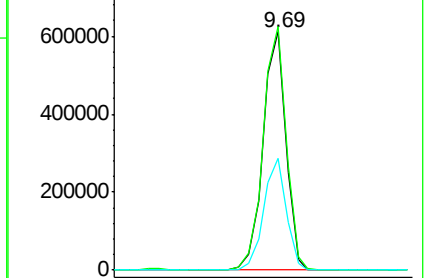
160 46.7 36.7 55.1

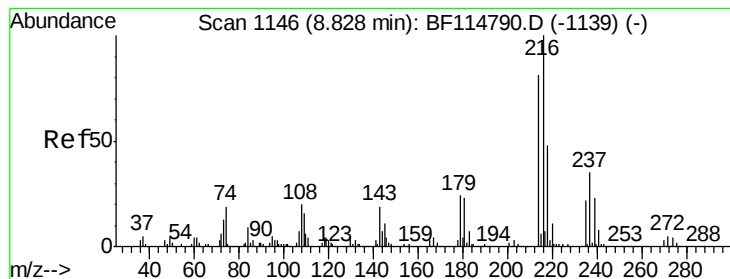


Abundance Ion 164.00 (163.70 to 164.70): E

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: 45.126 ng

RT: 8.83 min Scan# 1146

Delta R.T. 0.00 min

Lab File: BF114891.D

Acq: 7 Jun 2019 11:18

Instrument :

BNA_F

ClientSampleId :

RBR-200050MS

Tot Ion:216 Resp: 744471

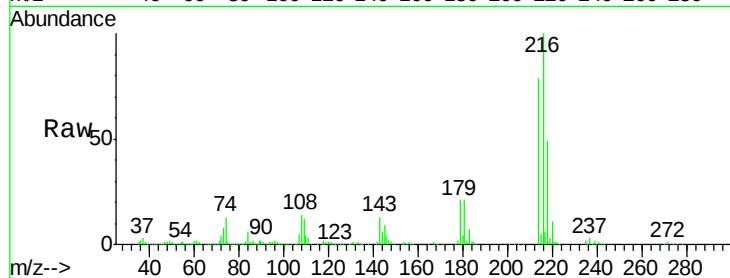
Ion Ratio Lower Upper

216 100

214 80.1 63.4 95.2

179 22.8 18.3 27.5

108 21.1 15.5 23.3

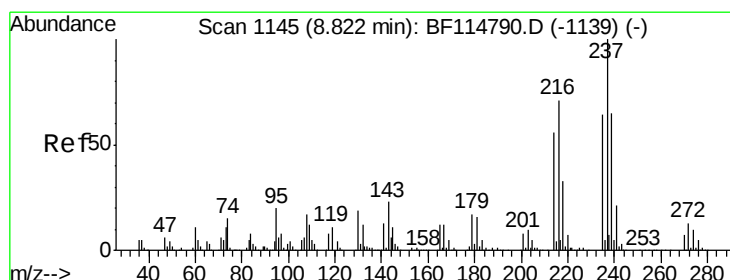
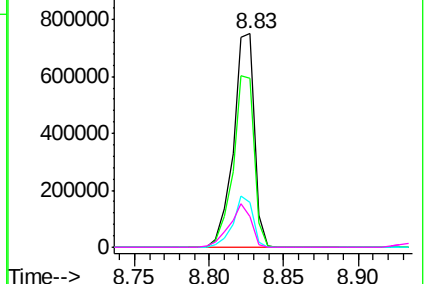
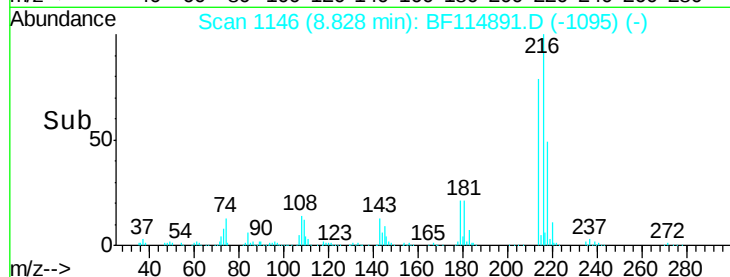


Abundance Ion 216.00 (215.70 to 216.70): E

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: 83.287 ng

RT: 8.82 min Scan# 1144

Delta R.T. -0.01 min

Lab File: BF114891.D

Acq: 7 Jun 2019 11:18

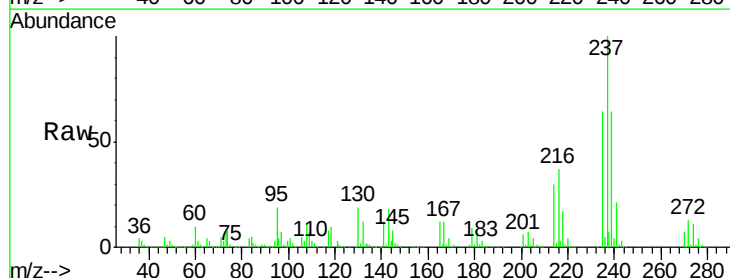
Tgt Ion:237 Resp: 833350

Ion Ratio Lower Upper

237 100

235 63.9 44.0 84.0

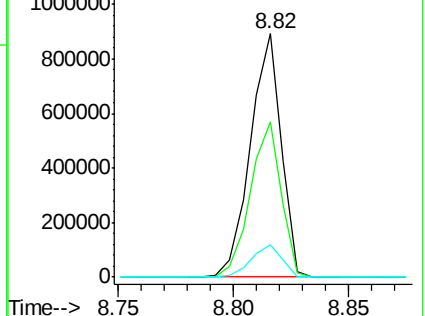
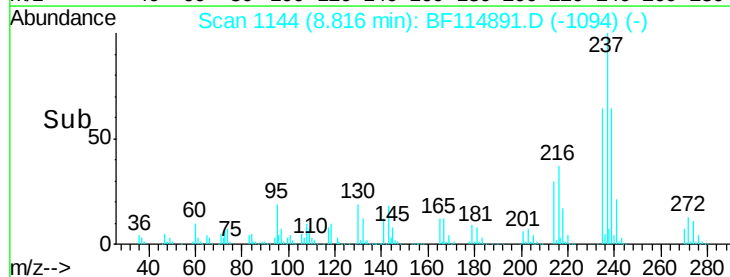
272 13.2 0.0 33.4

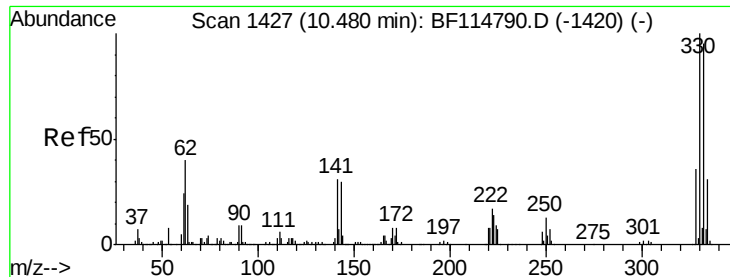


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

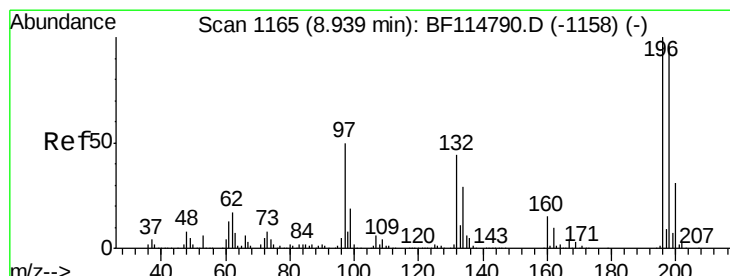
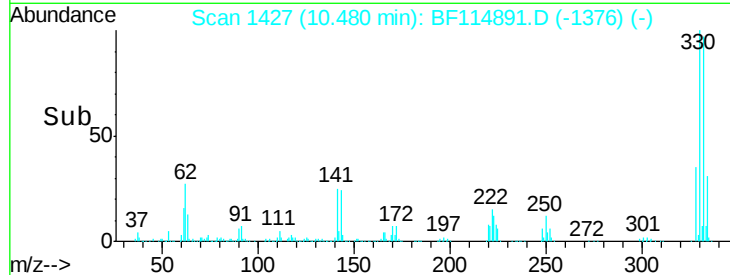
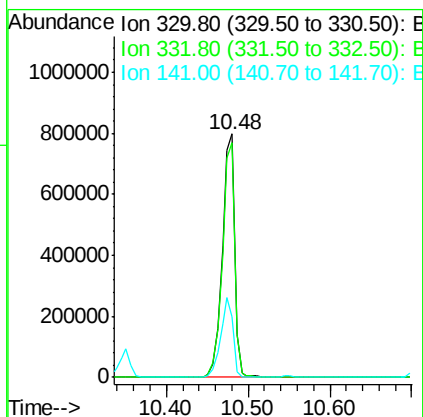
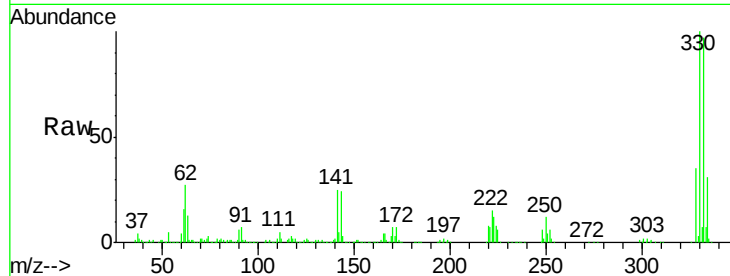




#42
 2,4,6-Tribromophenol
 Concen: 136.455 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. 0.00 min
 Lab File: BF114891.D
 Acq: 7 Jun 2019 11:18

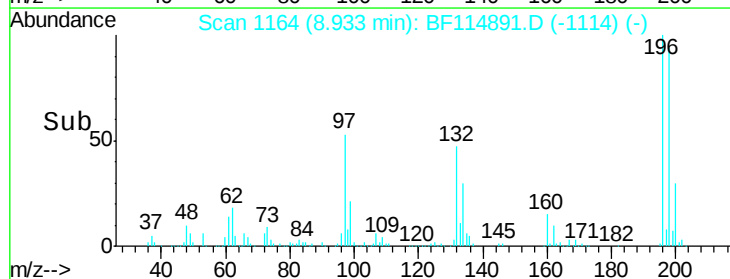
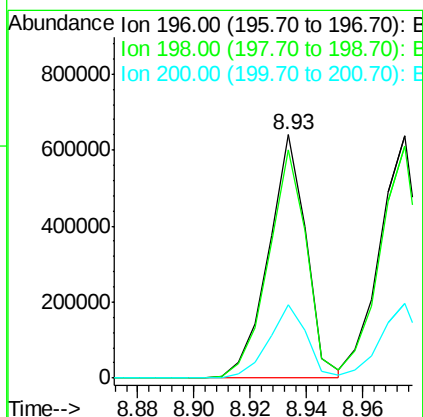
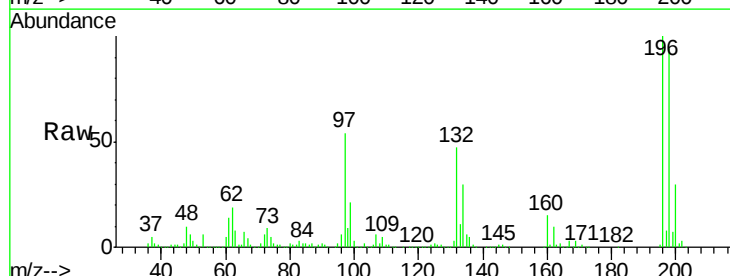
Instrument :
 BNA_F
 ClientSampleId :
 RBR-200050MS

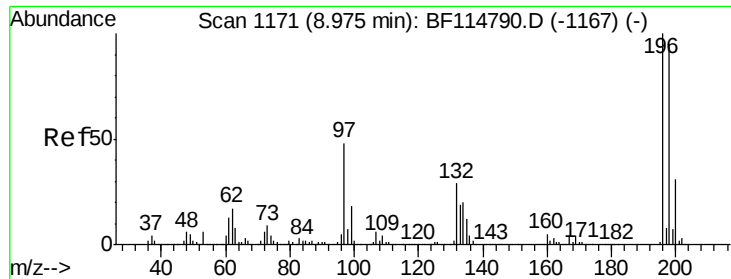
Tot Ion:330 Resp: 841825
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.3 115.9
 141 32.7 26.2 39.4



#43
 2,4,6-Trichlorophenol
 Concen: 46.138 ng
 RT: 8.93 min Scan# 1164
 Delta R.T. -0.01 min
 Lab File: BF114891.D
 Acq: 7 Jun 2019 11:18

Tgt Ion:196 Resp: 591876
 Ion Ratio Lower Upper
 196 100
 198 93.9 77.1 115.7
 200 30.0 24.6 36.8

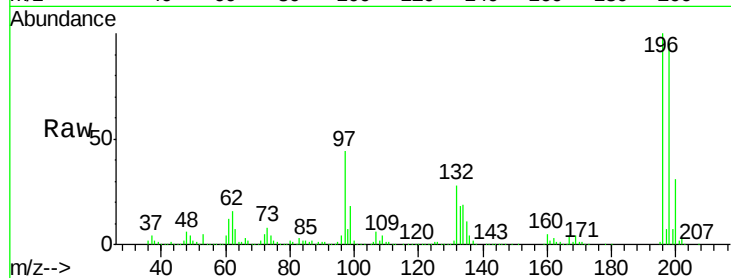




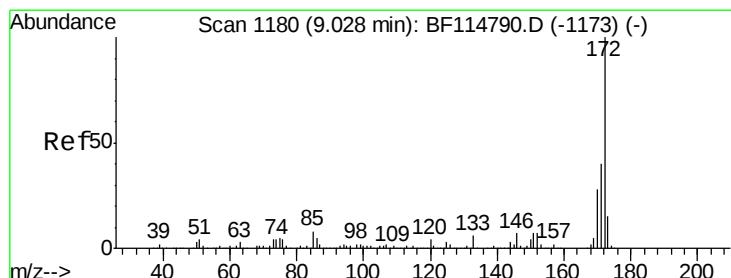
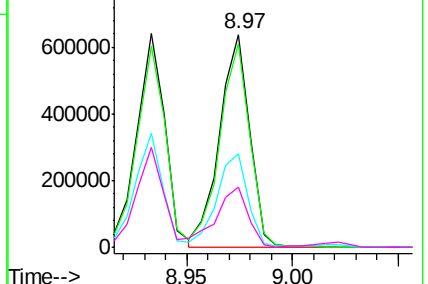
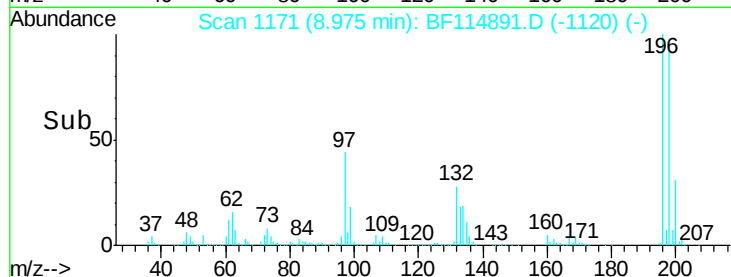
#44
 2,4,5-Trichlorophenol
 Concen: 48.475 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. 0.00 min
 Lab File: BF114891.D
 Acq: 7 Jun 2019 11:18

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200050MS

Tot Ion:196 Resp: 626268
 Ion Ratio Lower Upper
 196 100
 198 95.7 76.2 114.4
 97 44.0 38.2 57.4
 132 28.0 23.7 35.5

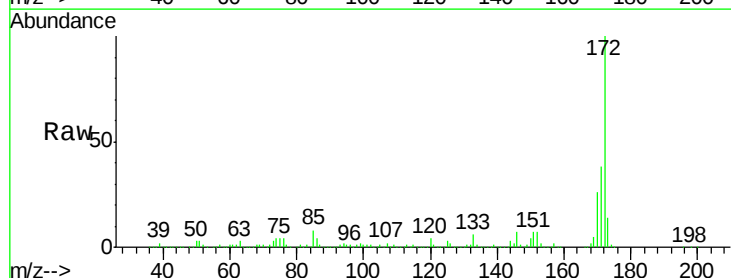


Abundance Ion 196.00 (195.70 to 196.70): E
 1000000
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

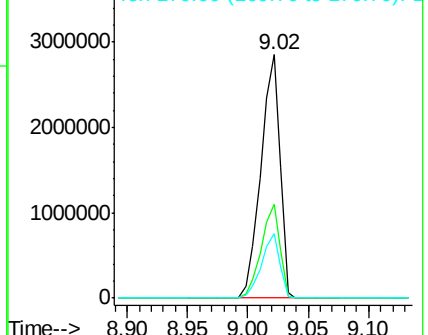
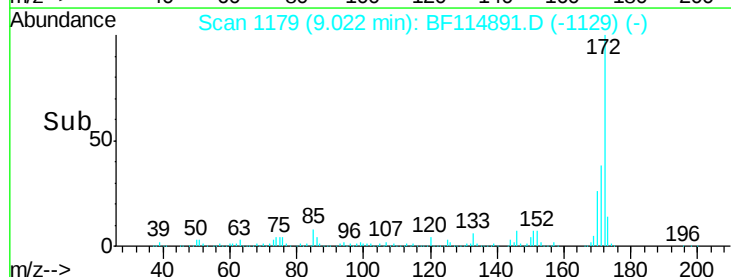


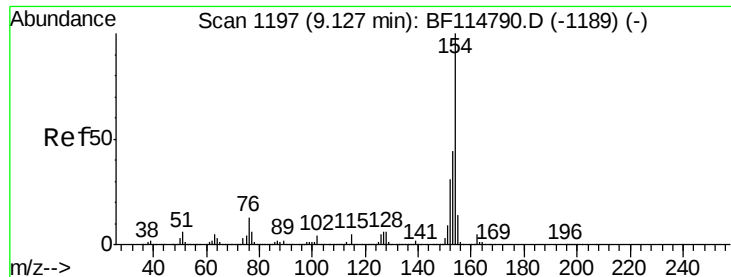
#45
 2-Fluorobiphenyl
 Concen: 103.487 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF114891.D
 Acq: 7 Jun 2019 11:18

Tgt Ion:172 Resp: 3162553
 Ion Ratio Lower Upper
 172 100
 171 38.4 32.3 48.5
 170 26.5 22.4 33.6



Abundance Ion 172.00 (171.70 to 172.70): E
 3000000
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#46

1,1'-Biphenyl

Concen: 48.618 ng

RT: 9.12 min Scan# 1196

Delta R.T. -0.01 min

Lab File: BF114891.D

Acq: 7 Jun 2019 11:18

Instrument :

BNA_F

ClientSampleId :

RBR-200050MS

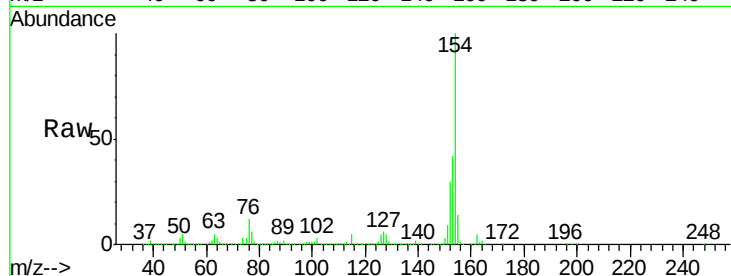
Tot Ion:154 Resp: 2062786

Ion Ratio Lower Upper

154 100

153 42.2 23.9 63.9

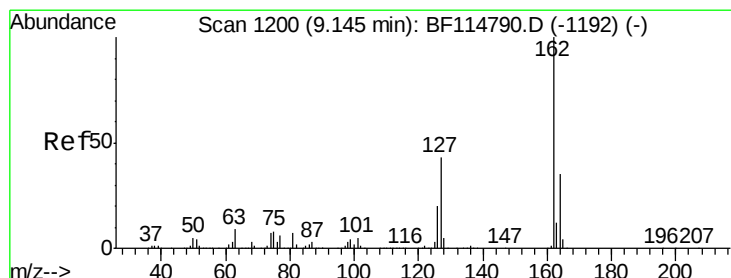
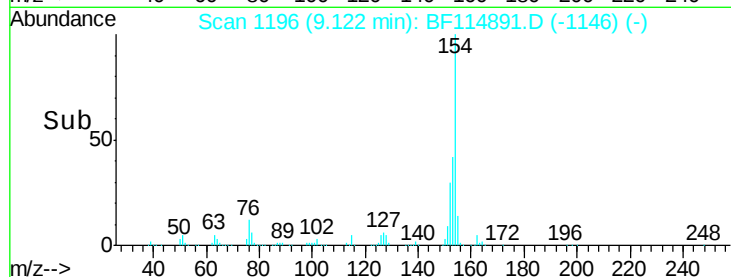
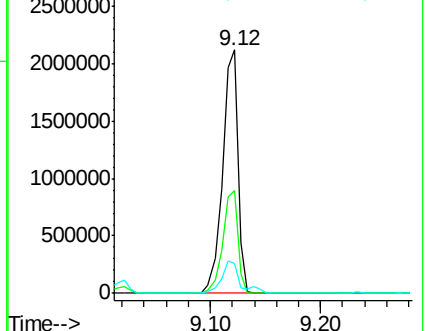
76 12.3 0.0 33.2



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: 46.674 ng

RT: 9.14 min Scan# 1199

Delta R.T. -0.01 min

Lab File: BF114891.D

Acq: 7 Jun 2019 11:18

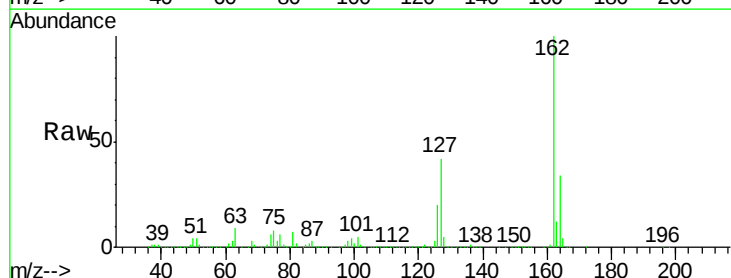
Tgt Ion:162 Resp: 1682719

Ion Ratio Lower Upper

162 100

127 42.3 34.6 51.8

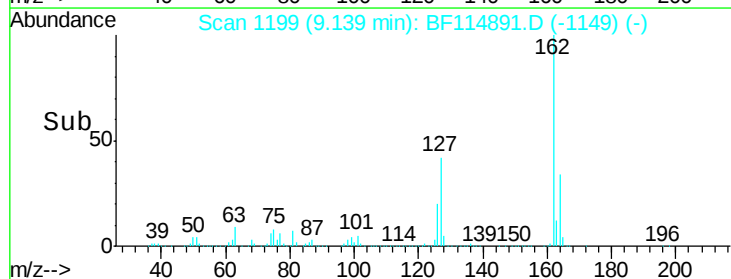
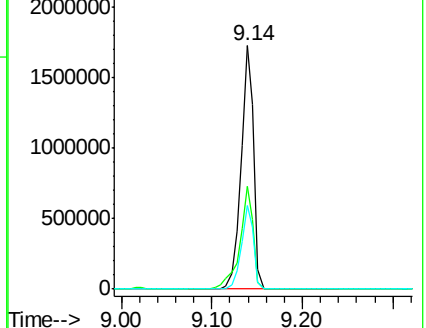
164 34.3 27.8 41.8

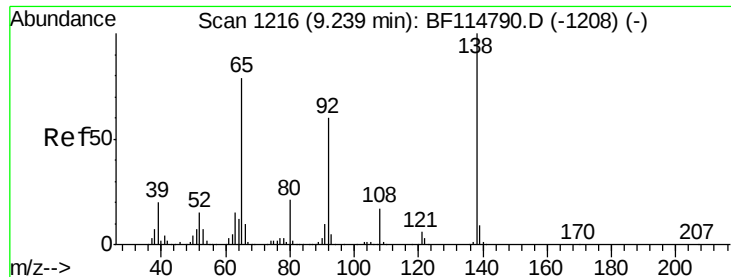


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

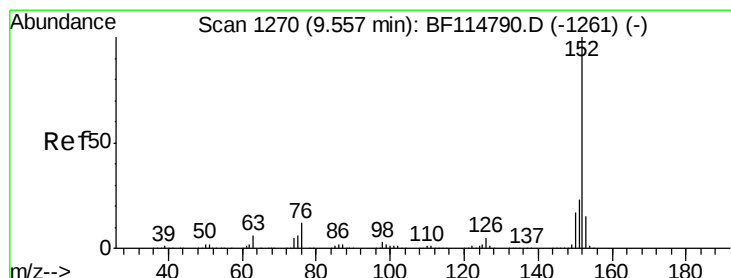
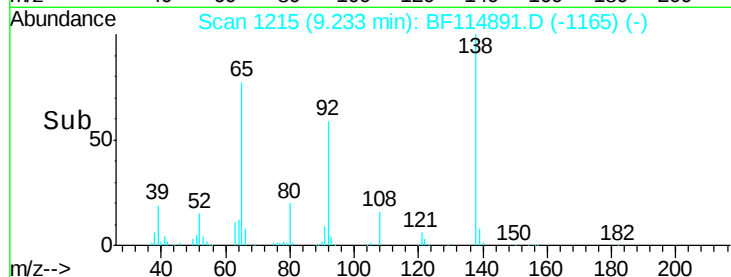
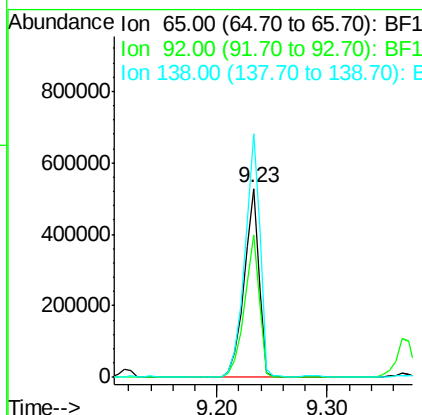
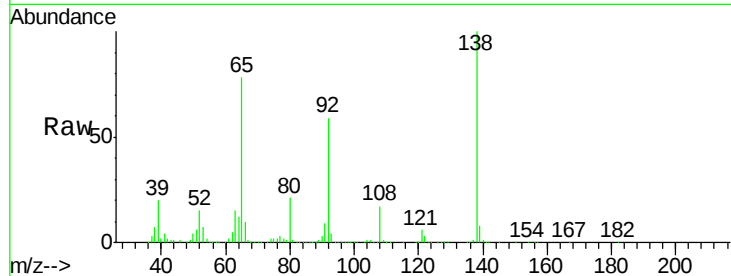




#48
 2-Nitroaniline
 Concen: 46.848 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF114891.D
 Acq: 7 Jun 2019 11:18

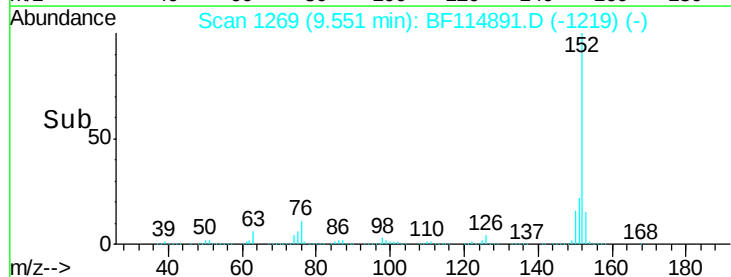
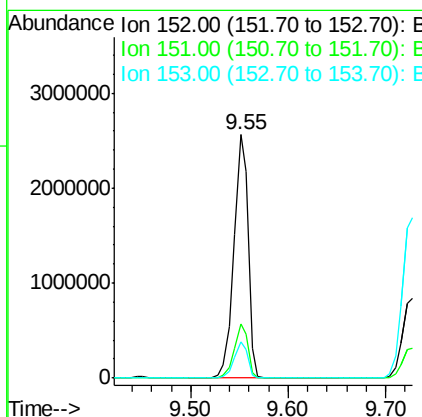
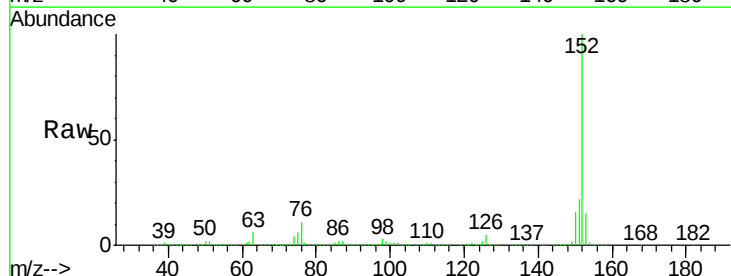
Instrument :
 BNA_F
 ClientSampleId :
 RBR-200050MS

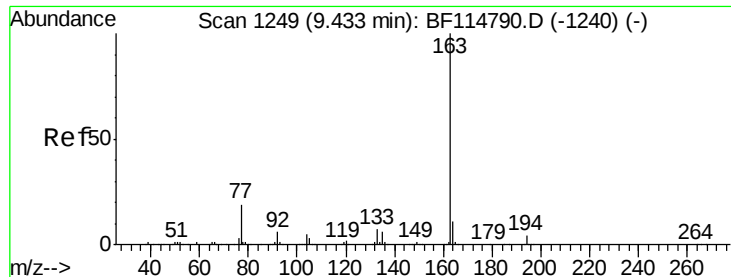
Tot Ion: 65 Resp: 504030
 Ion Ratio Lower Upper
 65 100
 92 75.7 60.4 90.6
 138 129.0 101.2 151.8



#49
 Acenaphthylene
 Concen: 49.318 ng
 RT: 9.55 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: BF114891.D
 Acq: 7 Jun 2019 11:18

Tgt Ion: 152 Resp: 2578478
 Ion Ratio Lower Upper
 152 100
 151 22.2 18.3 27.5
 153 14.8 12.3 18.5





#50

Dimethylphthalate

Concen: 55.938 ng

RT: 9.43 min Scan# 1248

Delta R.T. -0.01 min

Lab File: BF114891.D

Acq: 7 Jun 2019 11:18

Instrument :

BNA_F

ClientSampleId :

RBR-200050MS

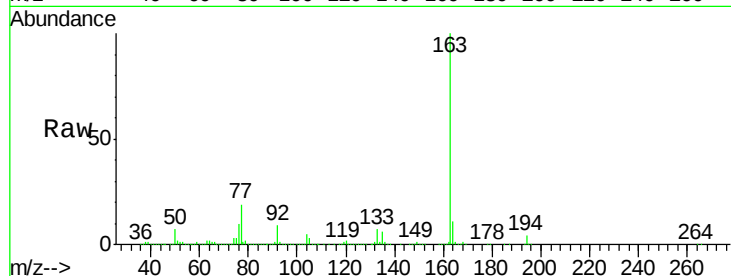
Tot Ion:163 Resp: 2338827

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

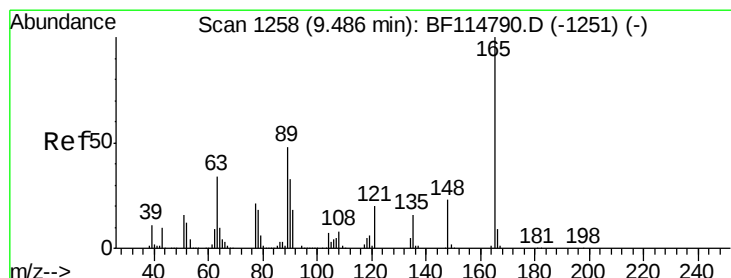
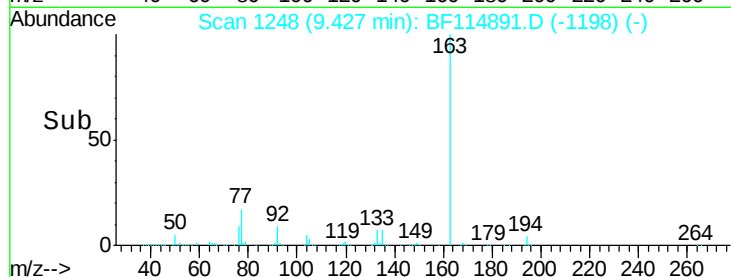
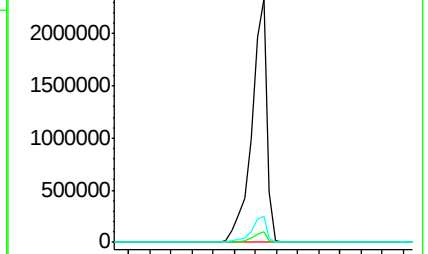
164 10.8 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 47.884 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BF114891.D

Acq: 7 Jun 2019 11:18

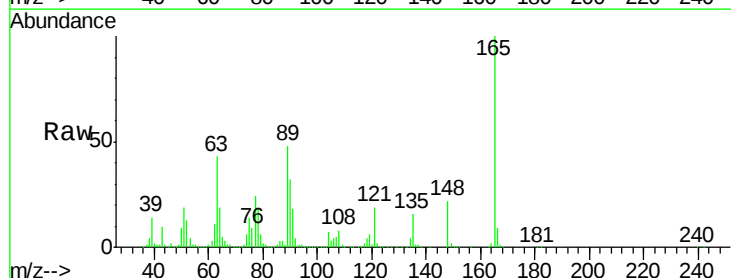
Tgt Ion:165 Resp: 470848

Ion Ratio Lower Upper

165 100

63 42.6 35.1 52.7

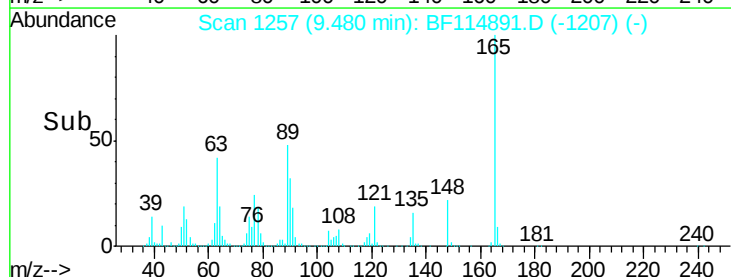
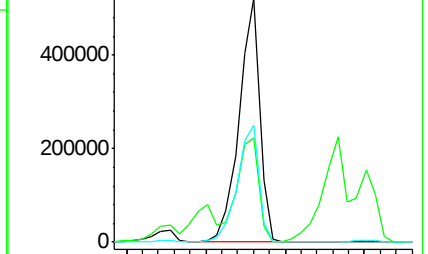
89 47.9 38.2 57.2

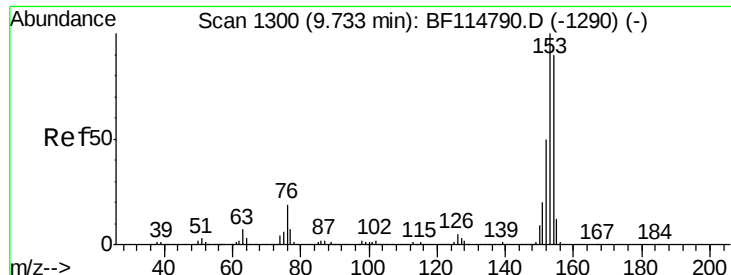


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#52

Acenaphthene

Concen: 50.118 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF114891.D

Acq: 7 Jun 2019 11:18

Instrument :

BNA_F

ClientSampleId :

RBR-200050MS

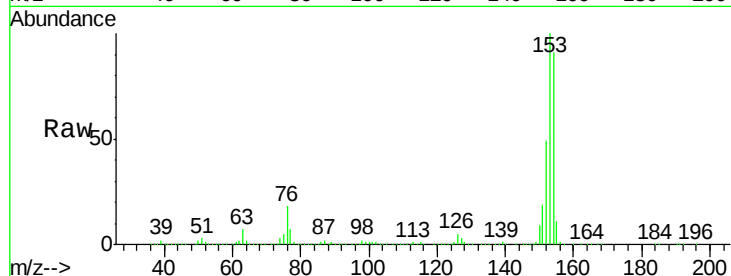
Tot Ion:154 Resp: 1716479

Ion Ratio Lower Upper

154 100

153 110.4 88.5 132.7

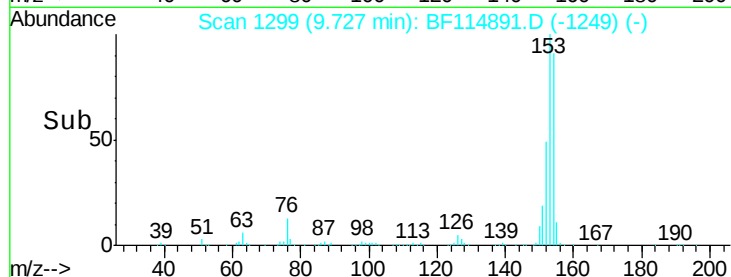
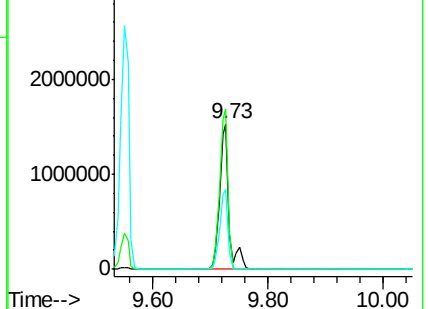
152 54.5 44.1 66.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 27.750 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF114891.D

Acq: 7 Jun 2019 11:18

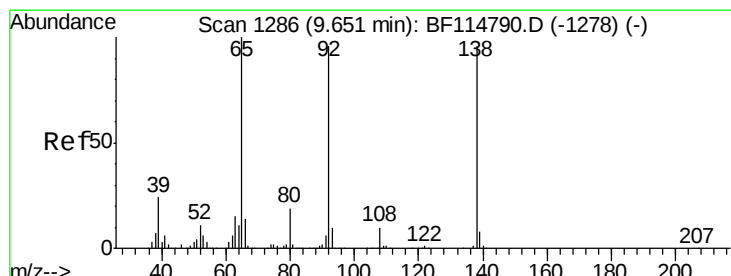
Tgt Ion:138 Resp: 318763

Ion Ratio Lower Upper

138 100

108 10.2 7.9 11.9

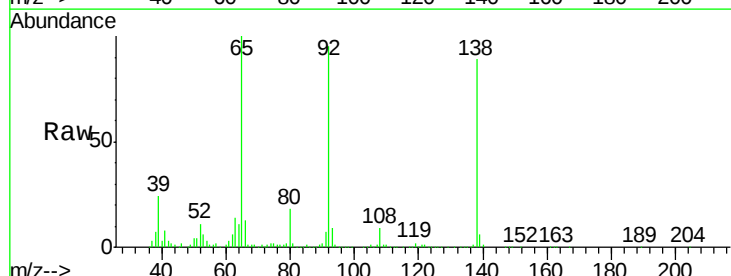
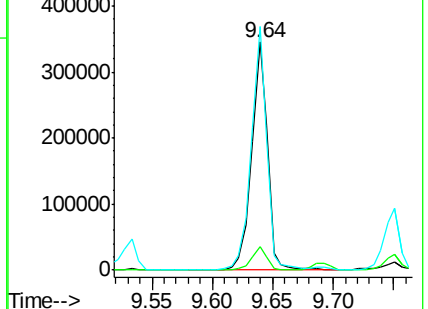
92 106.7 79.9 119.9

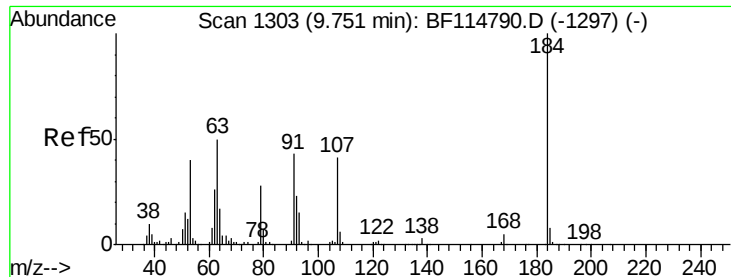


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

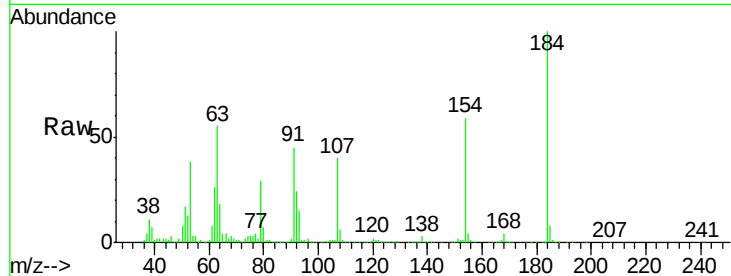




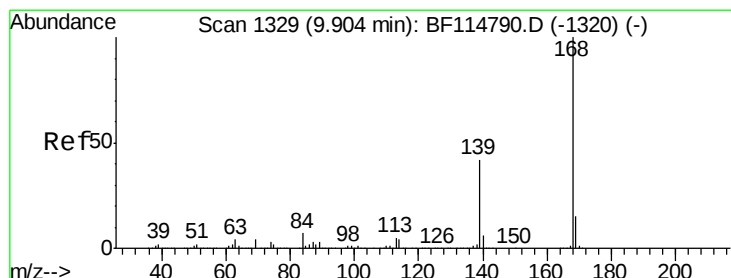
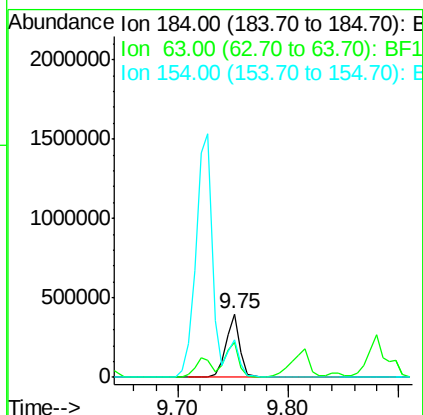
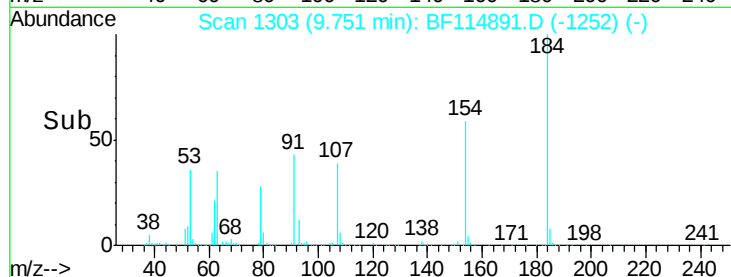
#54
2,4-Dinitrophenol
Concen: 80.407 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BF114891.D
Acq: 7 Jun 2019 11:18

Instrument :
BNA_F
ClientSampleId :
RBR-200050MS

Tot Ion:184 Resp: 357775
Ion Ratio Lower Upper
184 100
63 55.1 44.1 66.1
154 59.3 48.1 72.1

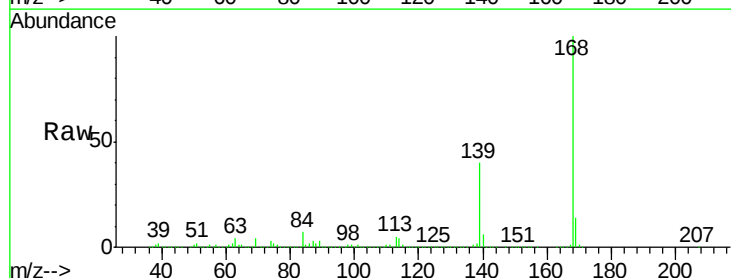


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

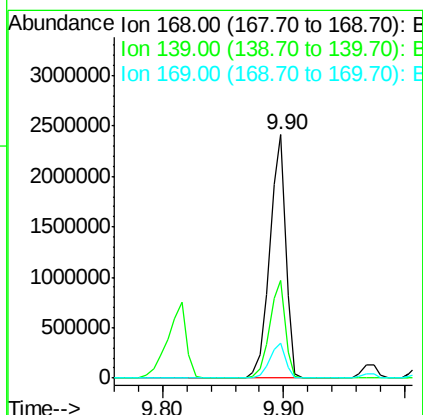
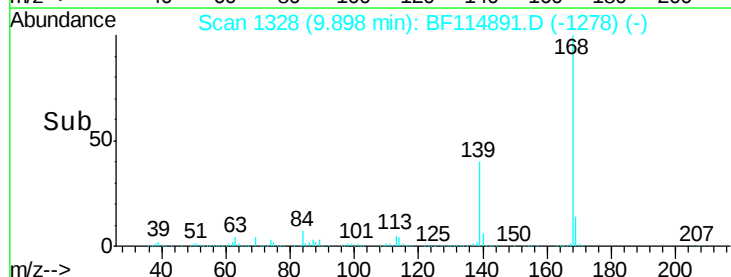


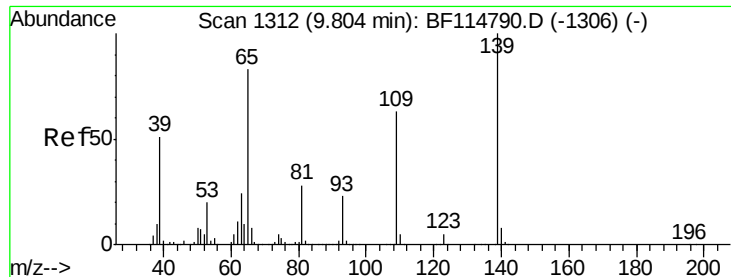
#55
Dibenzofuran
Concen: 46.869 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF114891.D
Acq: 7 Jun 2019 11:18

Tgt Ion:168 Resp: 2232092
Ion Ratio Lower Upper
168 100
139 39.9 33.8 50.6
169 14.4 11.9 17.9



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

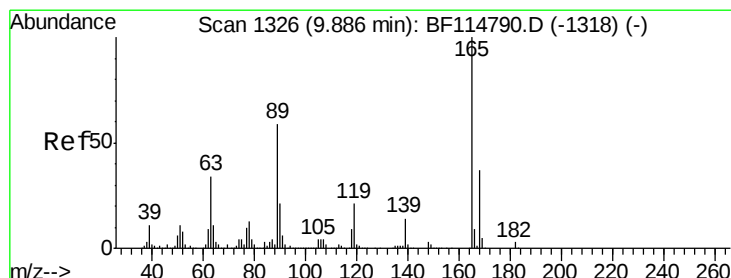
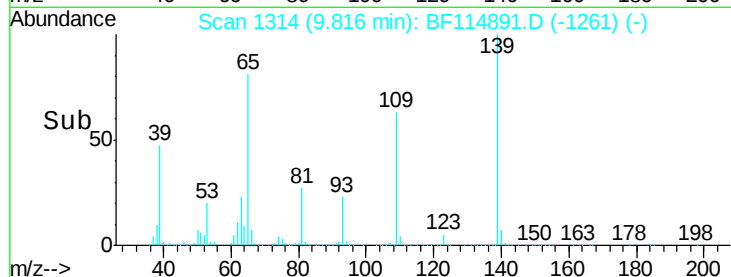
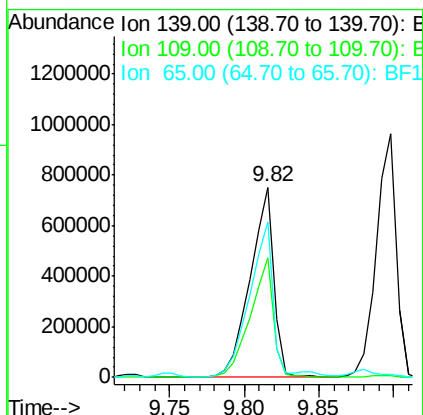
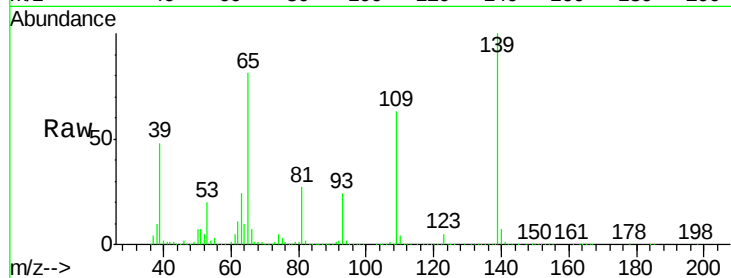




#56
4-Nitrophenol
Concen: 98.129 ng
RT: 9.82 min Scan# 1314
Delta R.T. 0.01 min
Lab File: BF114891.D
Acq: 7 Jun 2019 11:18

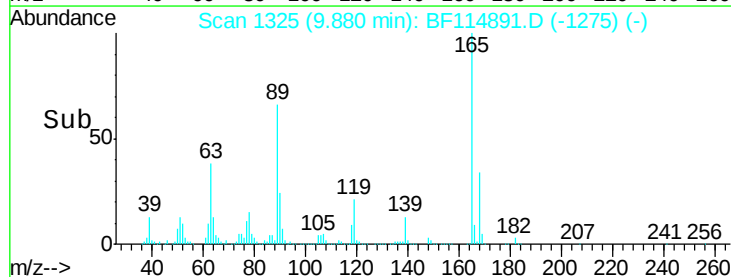
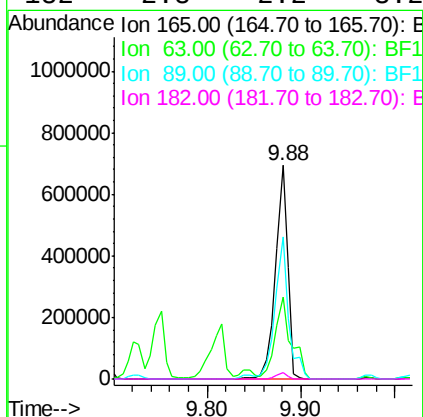
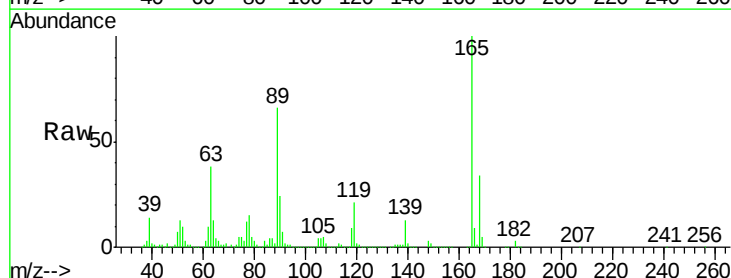
Instrument :
BNA_F
ClientSampleId :
RBR-200050MS

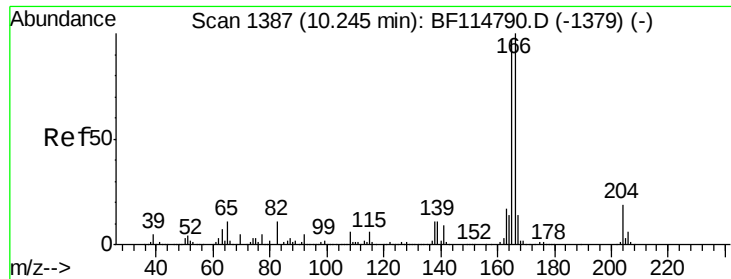
Tot Ion	Ratio	Lower	Upper
139	100		
109	62.7	43.5	83.5
65	81.4	63.2	103.2



#57
2,4-Dinitrotoluene
Concen: 50.625 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF114891.D
Acq: 7 Jun 2019 11:18

Tgt Ion	Ratio	Lower	Upper
165	100		
63	38.3	27.0	40.4
89	66.3	47.0	70.6
182	2.8	2.2	3.2





#58

Fluorene

Concen: 54.581 ng

RT: 10.24 min Scan# 1386

Delta R.T. -0.01 min

Lab File: BF114891.D

Acq: 7 Jun 2019 11:18

Instrument :

BNA_F

ClientSampleId :

RBR-200050MS

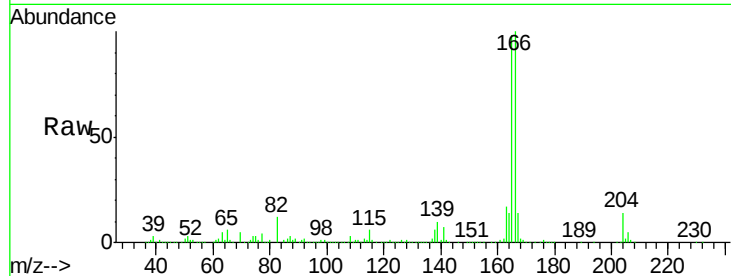
Tot Ion:166 Resp: 1606127

Ion Ratio Lower Upper

166 100

165 98.4 77.9 116.9

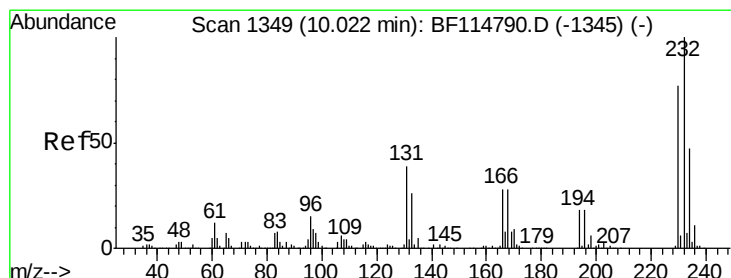
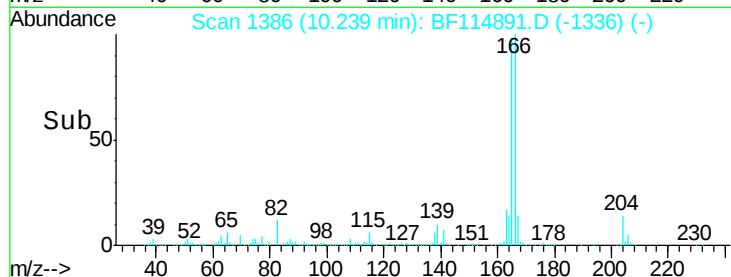
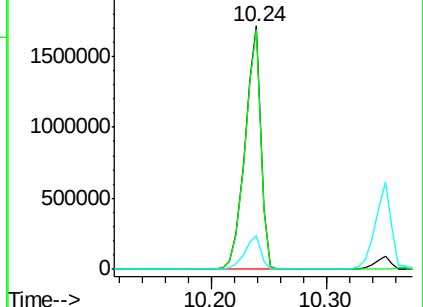
167 13.9 11.3 16.9



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: 48.876 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF114891.D

Acq: 7 Jun 2019 11:18

Tgt Ion:232 Resp: 517335

Ion Ratio Lower Upper

232 100

131 46.0 36.8 55.2

130 2.3 1.8 2.6

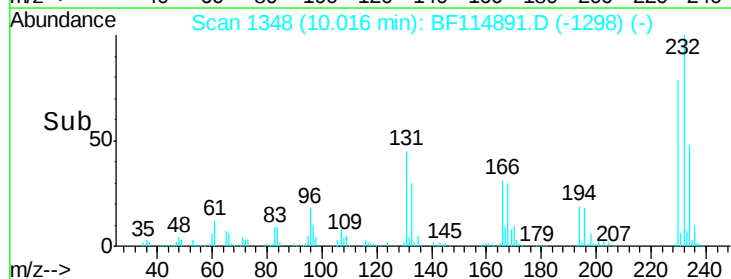
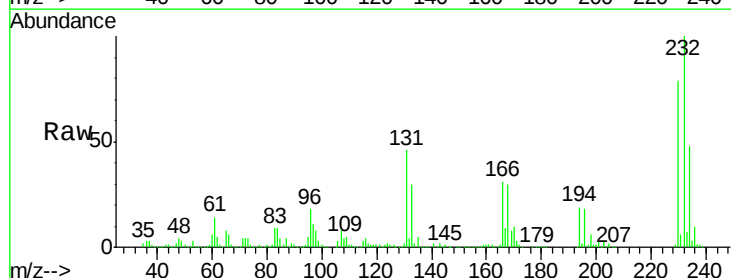
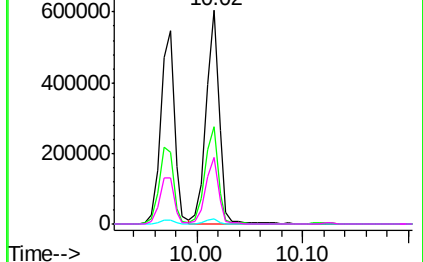
166 30.9 24.6 37.0

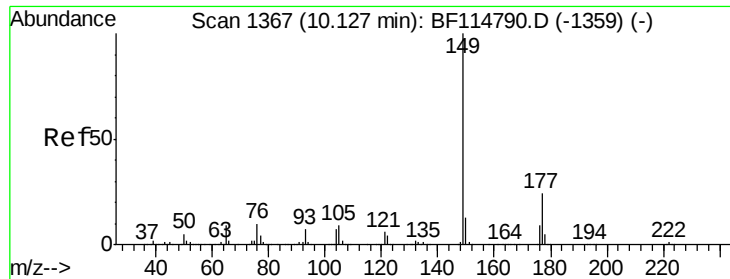
Abundance Ion 232.00 (231.70 to 232.70): E

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

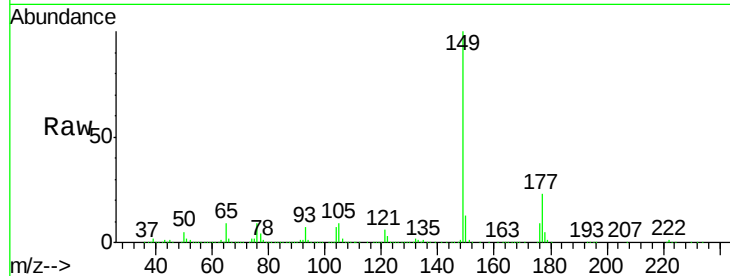




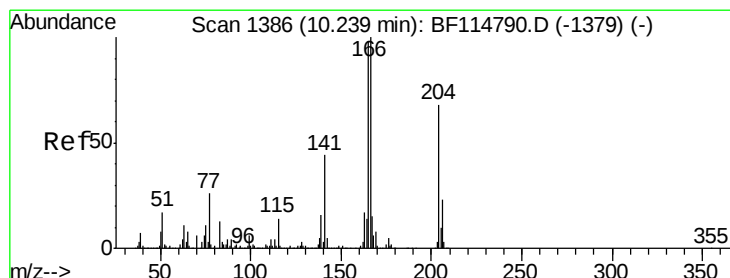
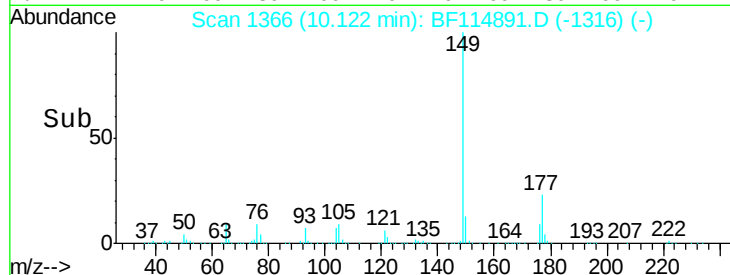
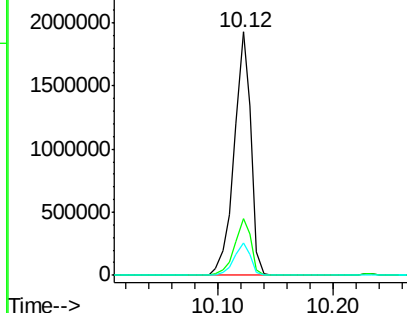
#60
Diethylphthalate
Concen: 45.616 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BF114891.D
Acq: 7 Jun 2019 11:18

Instrument :
BNA_F
ClientSampleId :
RBR-200050MS

Tot Ion:149 Resp: 1913834
Ion Ratio Lower Upper
149 100
177 23.4 19.3 28.9
150 13.3 10.7 16.1

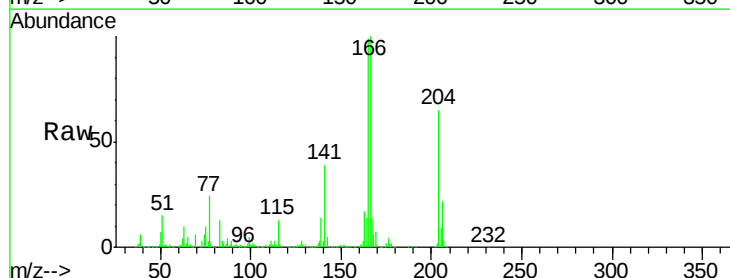


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

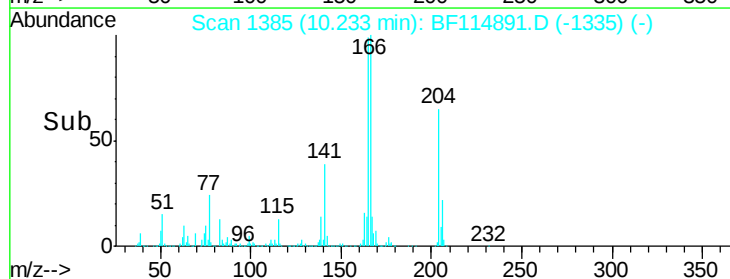
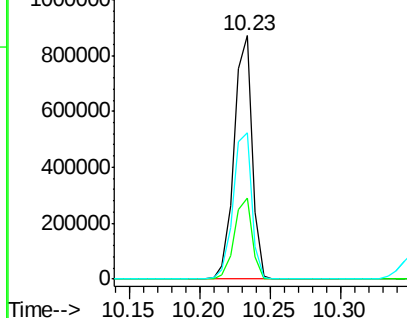


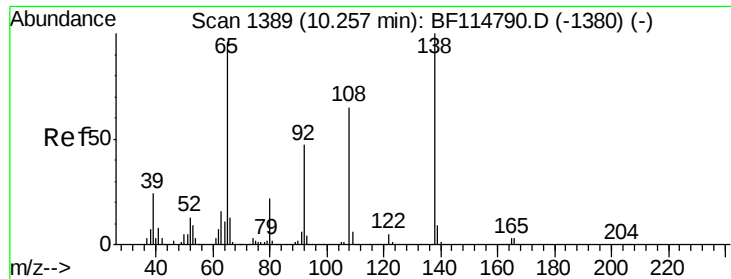
#61
4-Chlorophenyl-phenylether
Concen: 42.448 ng
RT: 10.23 min Scan# 1385
Delta R.T. -0.01 min
Lab File: BF114891.D
Acq: 7 Jun 2019 11:18

Tgt Ion:204 Resp: 774274
Ion Ratio Lower Upper
204 100
206 33.5 26.5 39.7
141 60.3 51.0 76.4



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: 41.564 ng

RT: 10.26 min Scan# 1389

Delta R.T. -0.00 min

Lab File: BF114891.D

Acq: 7 Jun 2019 11:18

Instrument :

BNA_F

ClientSampleId :

RBR-200050MS

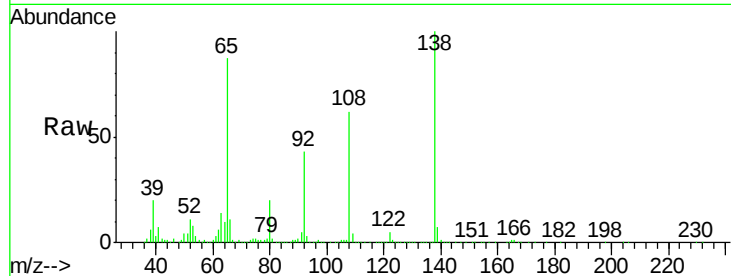
Tot Ion:138 Resp: 463078

Ion Ratio Lower Upper

138 100

92 43.1 26.5 66.5

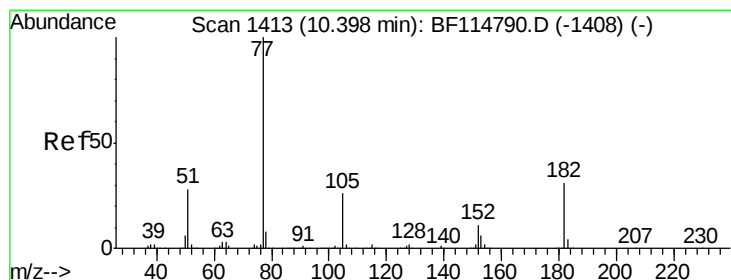
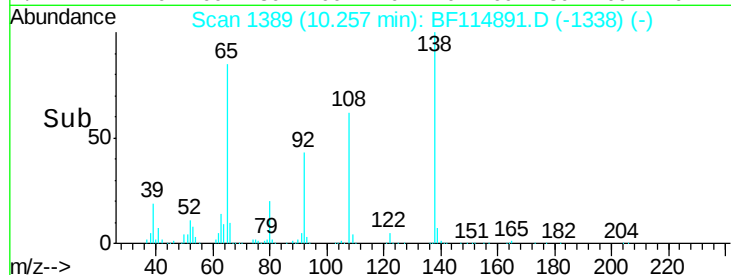
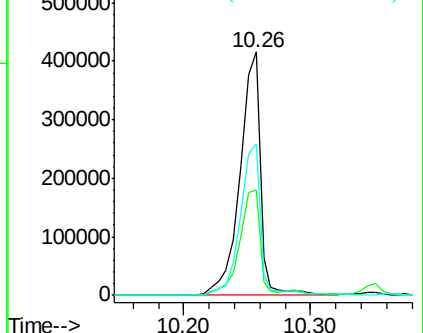
108 62.1 45.4 85.4



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: 48.245 ng

RT: 10.39 min Scan# 1412

Delta R.T. -0.01 min

Lab File: BF114891.D

Acq: 7 Jun 2019 11:18

Tgt Ion: 77 Resp: 1722986

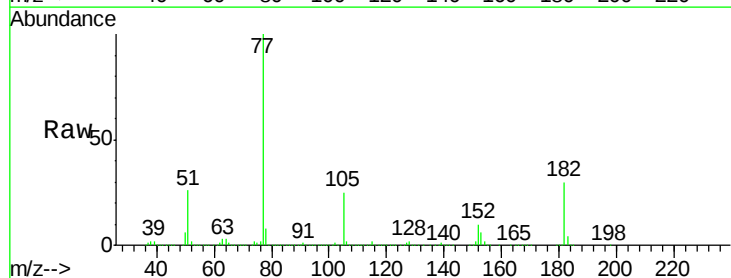
Ion Ratio Lower Upper

77 100

182 29.9 11.2 51.2

105 24.7 5.7 45.7

51 26.1 8.0 48.0

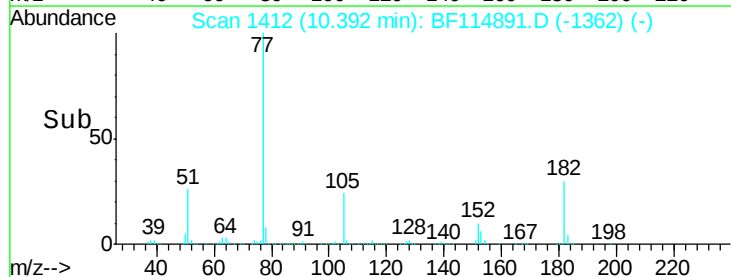
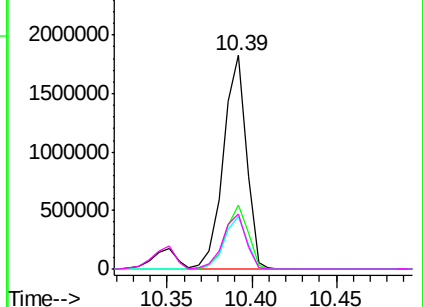


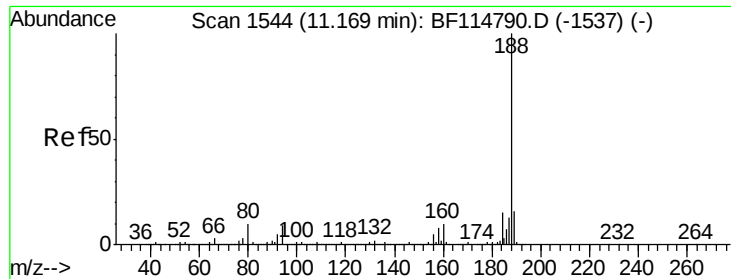
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

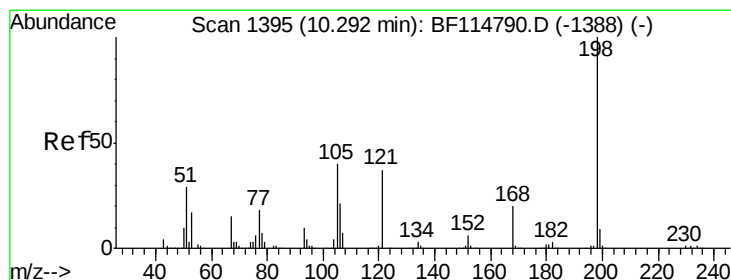
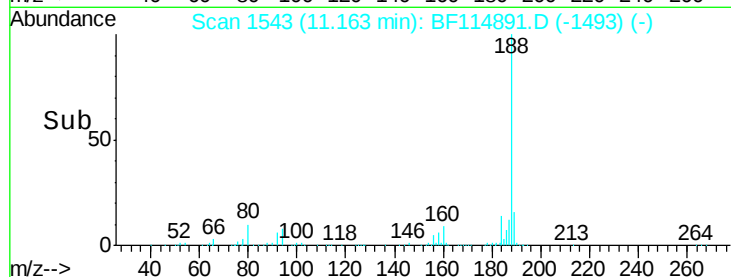
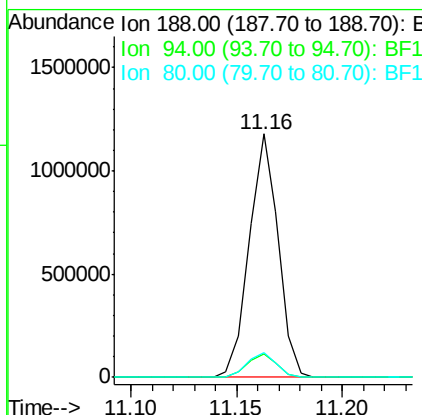
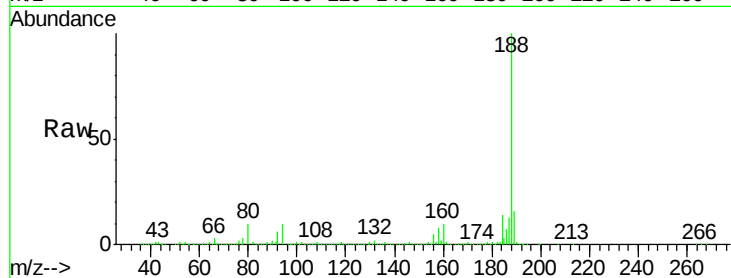




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.01 min
Lab File: BF114891.D
Acq: 7 Jun 2019 11:18

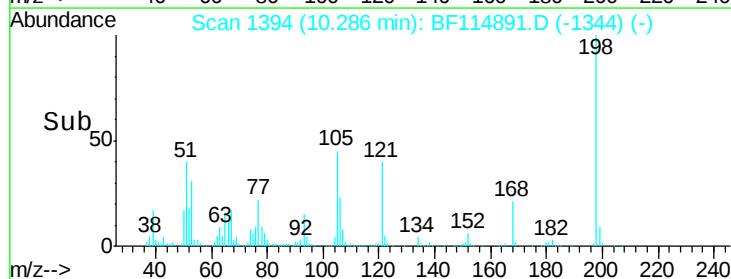
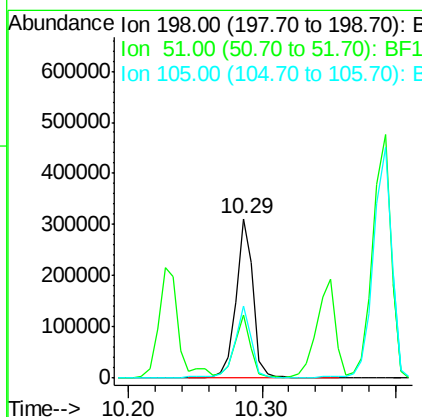
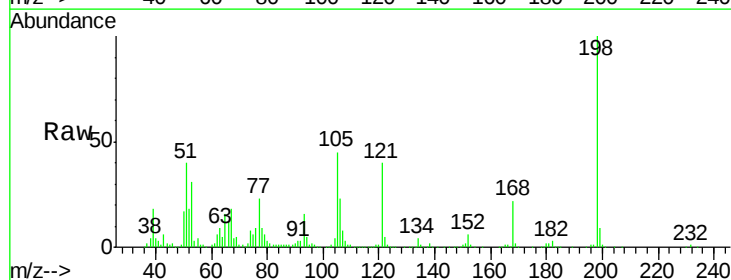
Instrument :
BNA_F
ClientSampleId :
RBR-200050MS

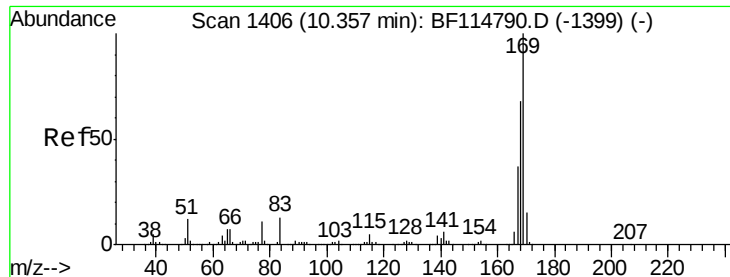
Tot Ion:188 Resp: 1127290
Ion Ratio Lower Upper
188 100
94 9.7 7.6 11.4
80 10.0 8.3 12.5



#65
4,6-Dinitro-2-methylphenol
Concen: 47.735 ng
RT: 10.29 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BF114891.D
Acq: 7 Jun 2019 11:18

Tgt Ion:198 Resp: 279525
Ion Ratio Lower Upper
198 100
51 40.0 14.9 54.9
105 45.1 21.0 61.0

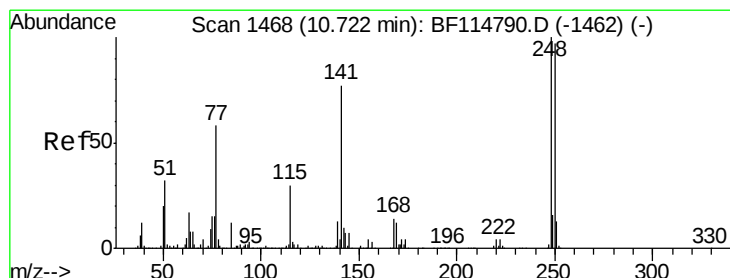
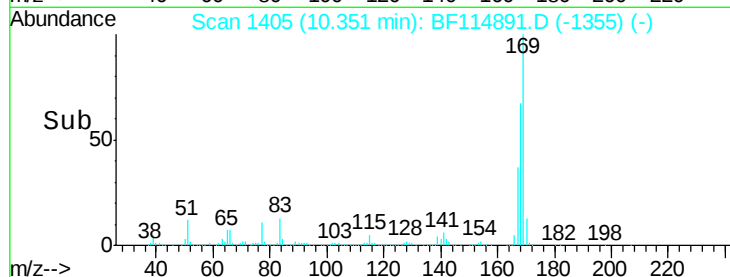
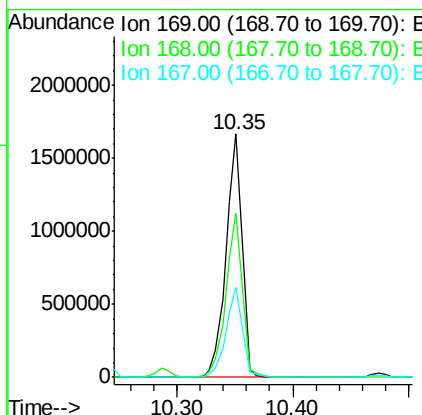
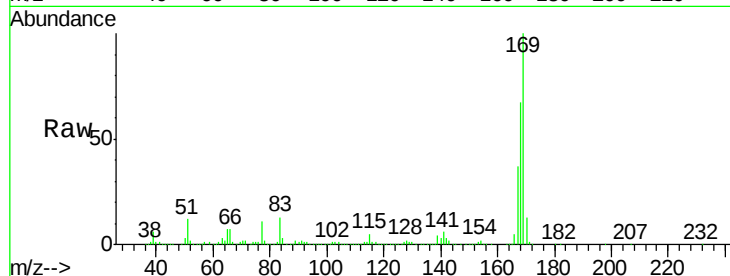




#66
 n-Nitrosodiphenylamine
 Concen: 46.776 ng
 RT: 10.35 min Scan# 1405
 Delta R.T. -0.01 min
 Lab File: BF114891.D
 Acq: 7 Jun 2019 11:18

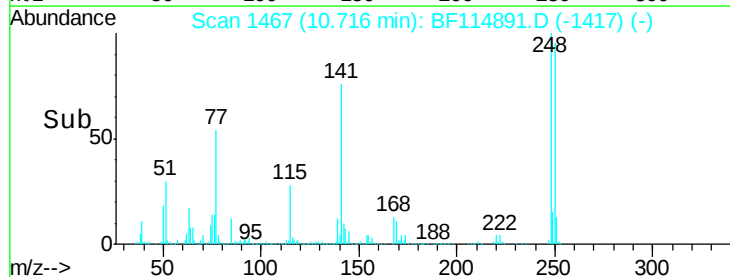
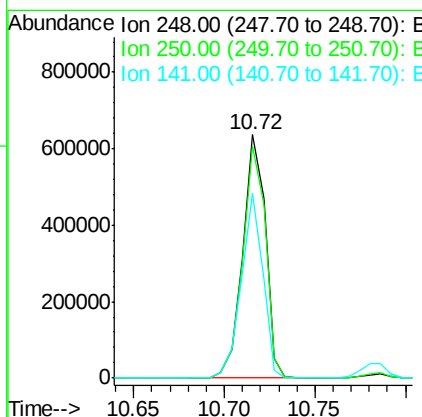
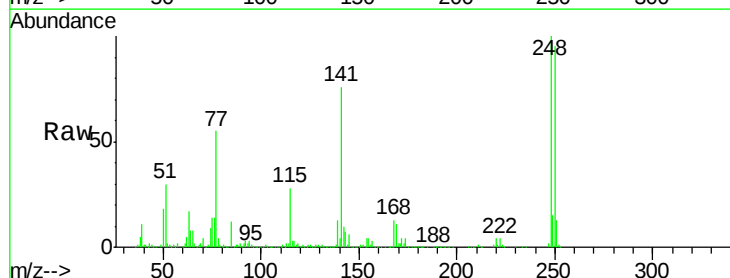
Instrument :
 BNA_F
 ClientSampleId :
 RBR-200050MS

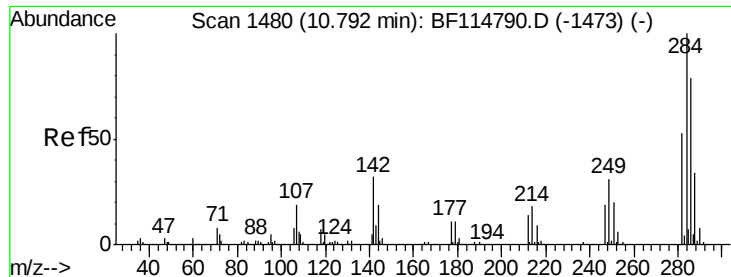
Tot Ion:169 Resp: 1594461
 Ion Ratio Lower Upper
 169 100
 168 67.4 54.3 81.5
 167 37.1 29.9 44.9



#67
 4-Bromophenyl-phenylether
 Concen: 43.168 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF114891.D
 Acq: 7 Jun 2019 11:18

Tgt Ion:248 Resp: 552689
 Ion Ratio Lower Upper
 248 100
 250 95.3 77.5 116.3
 141 76.1 61.8 92.8





#68

Hexachlorobenzene

Concen: 42.304 ng

RT: 10.79 min Scan# 1479

Delta R.T. -0.01 min

Lab File: BF114891.D

Acq: 7 Jun 2019 11:18

Instrument :

BNA_F

ClientSampleId :

RBR-200050MS

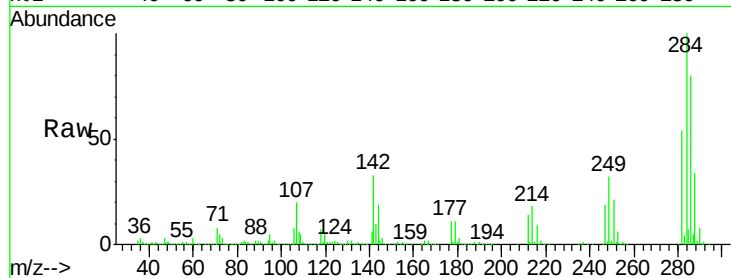
Tot Ion:284 Resp: 592775

Ion Ratio Lower Upper

284 100

142 33.2 25.3 37.9

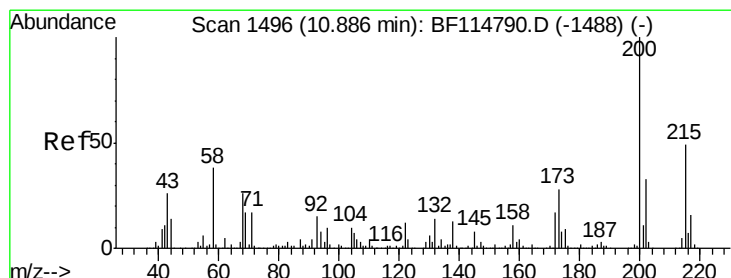
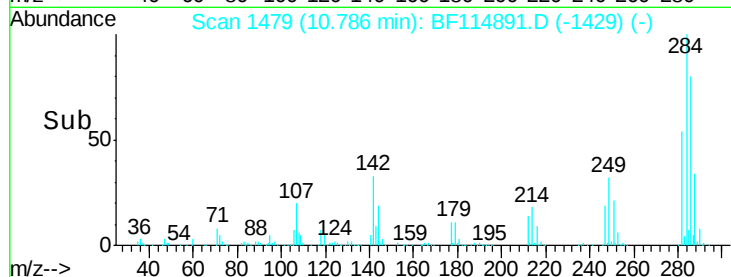
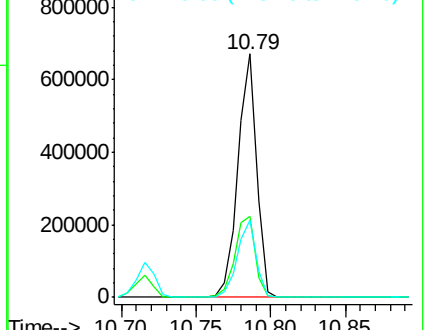
249 31.9 24.9 37.3



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#69

Atrazine

Concen: 41.960 ng

RT: 10.88 min Scan# 1495

Delta R.T. -0.01 min

Lab File: BF114891.D

Acq: 7 Jun 2019 11:18

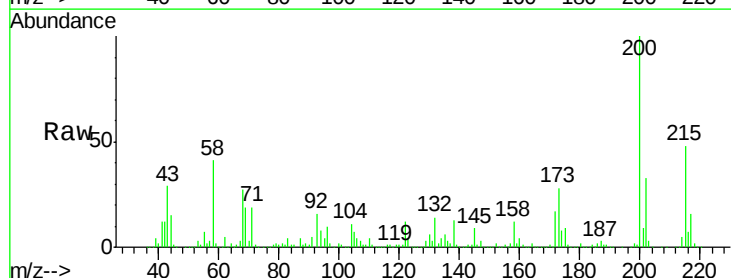
Tgt Ion:200 Resp: 497442

Ion Ratio Lower Upper

200 100

173 28.0 8.0 48.0

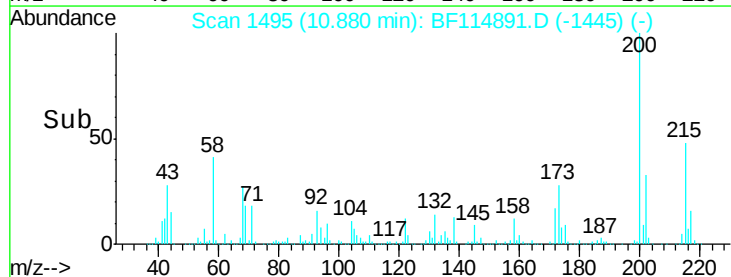
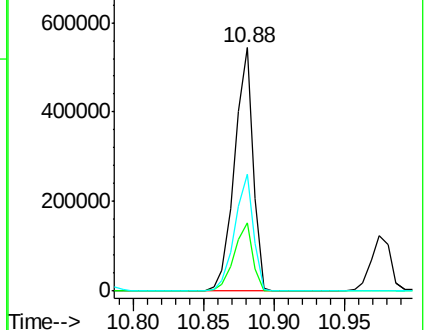
215 48.1 28.7 68.7

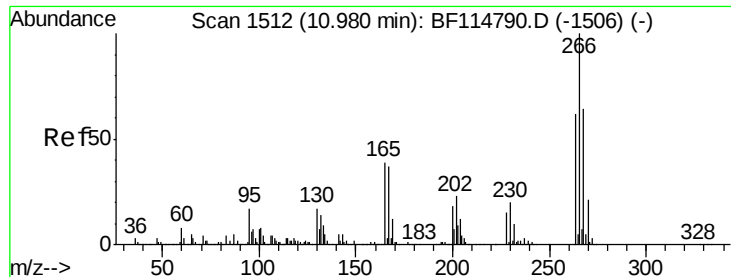


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

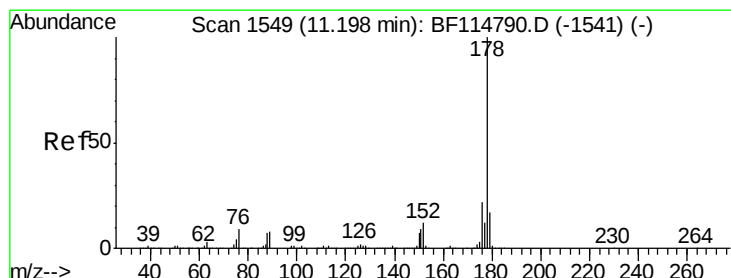
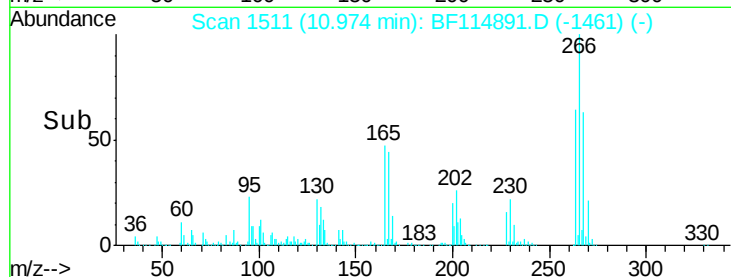
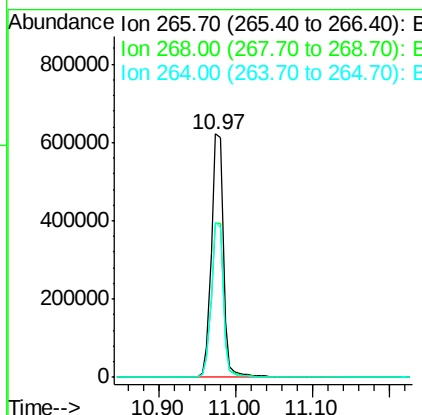
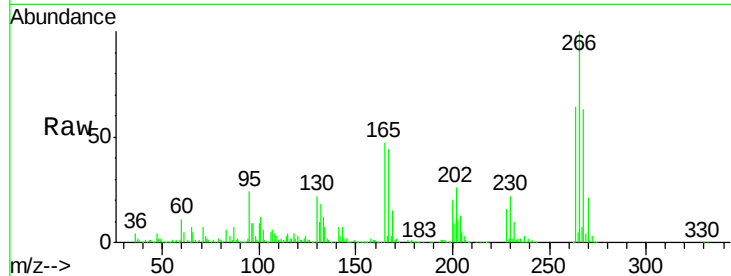




#70
 Pentachlorophenol
 Concen: 82.306 ng
 RT: 10.97 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BF114891.D
 Acq: 7 Jun 2019 11:18

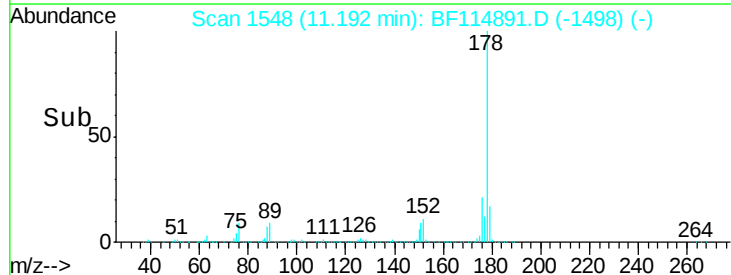
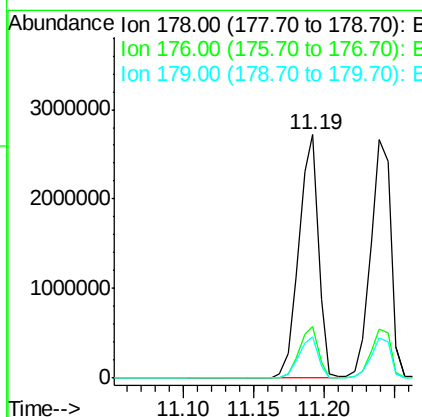
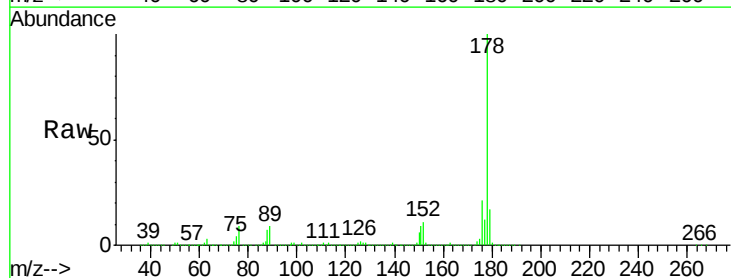
Instrument :
 BNA_F
 ClientSampleId :
 RBR-200050MS

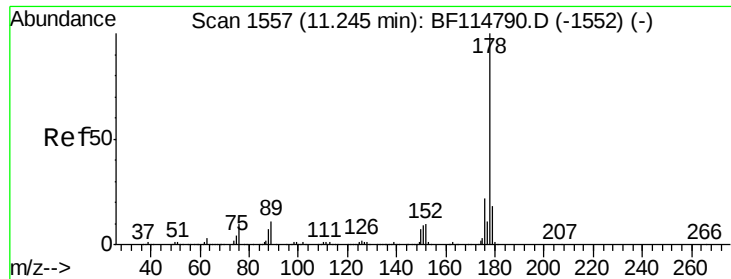
Tot Ion:266 Resp: 666705
 Ion Ratio Lower Upper
 266 100
 268 63.2 51.0 76.6
 264 64.0 49.6 74.4



#71
 Phenanthrene
 Concen: 48.647 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. -0.01 min
 Lab File: BF114891.D
 Acq: 7 Jun 2019 11:18

Tgt Ion:178 Resp: 2617960
 Ion Ratio Lower Upper
 178 100
 176 21.5 17.7 26.5
 179 17.0 13.7 20.5





#72

Anthracene

Concen: 46.957 ng

RT: 11.24 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF114891.D

Acq: 7 Jun 2019 11:18

Instrument :

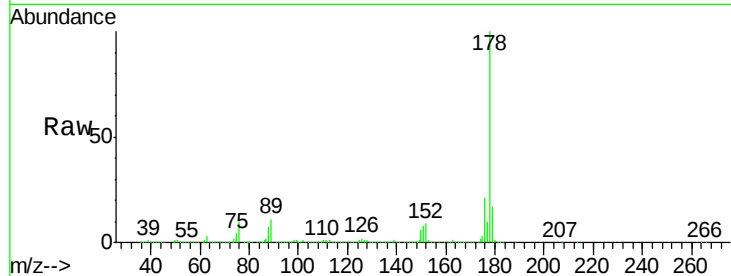
BNA_F

ClientSampleId :

RBR-200050MS

Tot Ion:178 Resp: 2659427

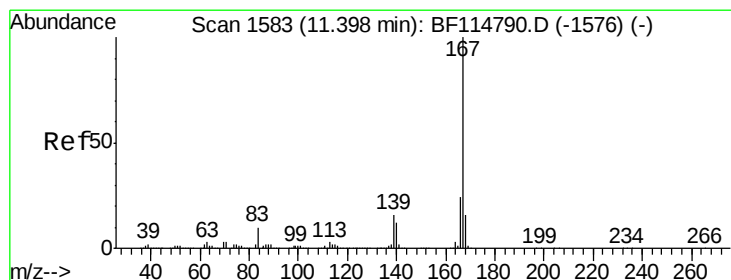
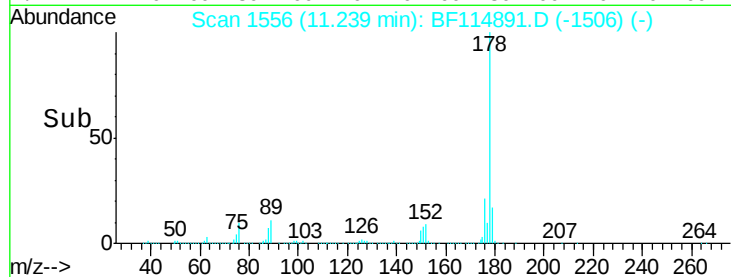
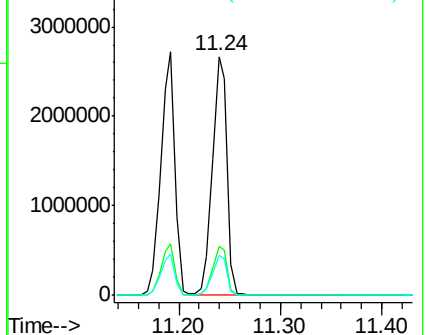
Ion	Ratio	Lower	Upper
178	100		
176	20.8	17.4	26.0
179	17.0	14.2	21.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 50.257 ng

RT: 11.39 min Scan# 1582

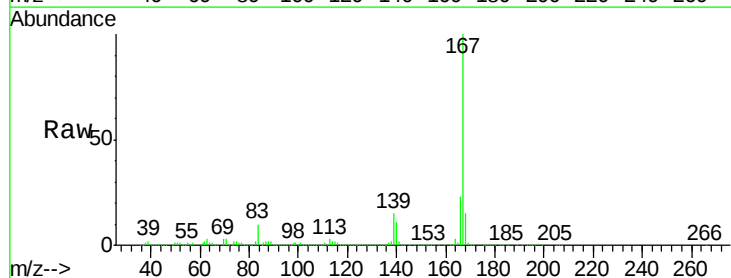
Delta R.T. -0.01 min

Lab File: BF114891.D

Acq: 7 Jun 2019 11:18

Tgt Ion:167 Resp: 2440025

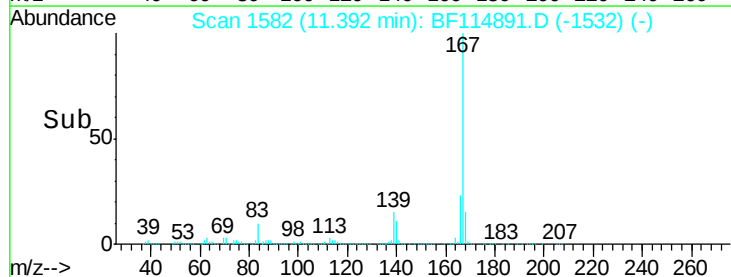
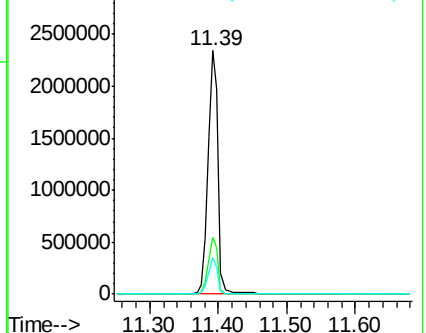
Ion	Ratio	Lower	Upper
167	100		
166	23.5	19.1	28.7
139	14.8	12.4	18.6

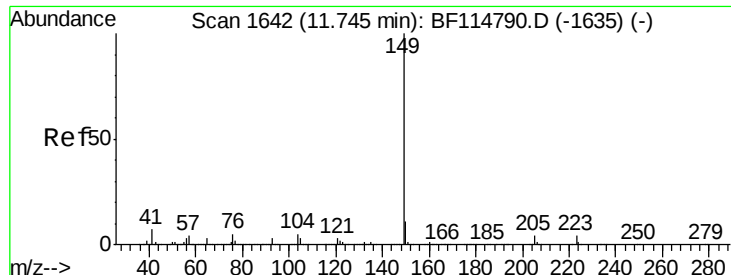


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 42.927 ng

RT: 11.74 min Scan# 1641

Delta R.T. -0.01 min

Lab File: BF114891.D

Acq: 7 Jun 2019 11:18

Instrument :

BNA_F

ClientSampleId :

RBR-200050MS

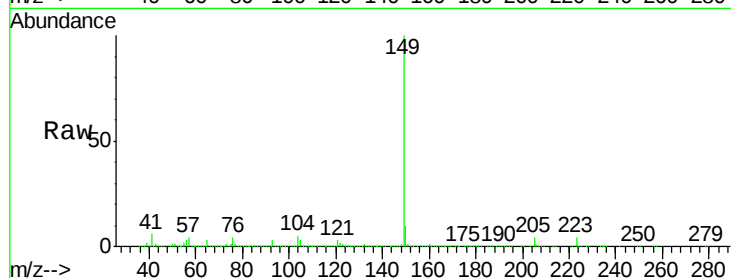
Tot Ion:149 Resp: 2741167

Ion Ratio Lower Upper

149 100

150 10.3 8.9 13.3

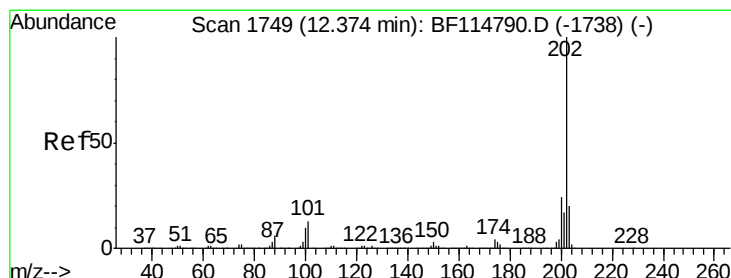
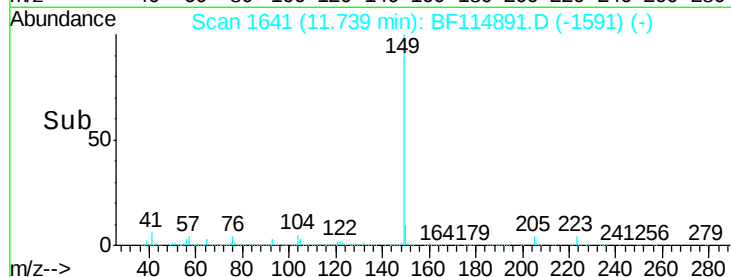
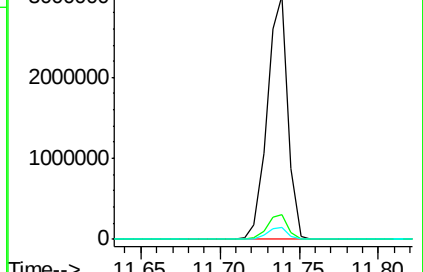
104 5.0 4.3 6.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 49.462 ng

RT: 12.37 min Scan# 1748

Delta R.T. -0.01 min

Lab File: BF114891.D

Acq: 7 Jun 2019 11:18

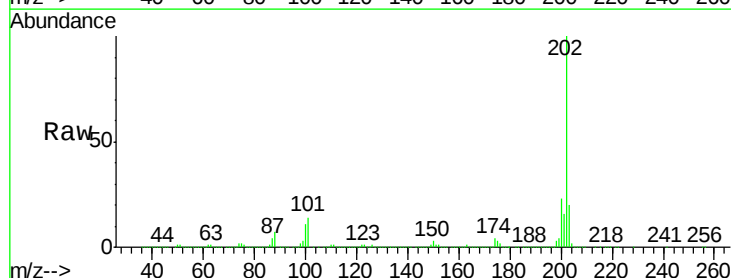
Tgt Ion:202 Resp: 2770452

Ion Ratio Lower Upper

202 100

101 14.0 0.0 32.8

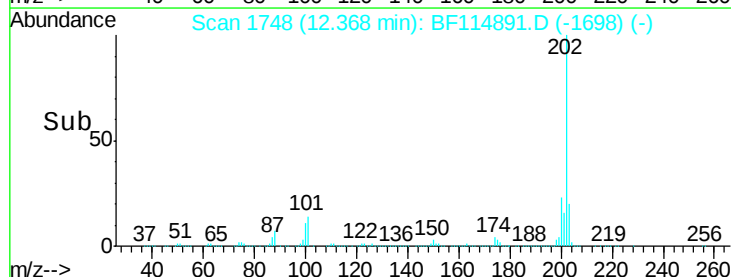
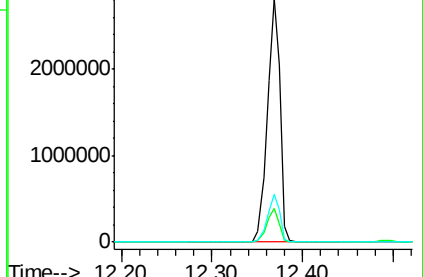
203 19.7 0.2 40.2

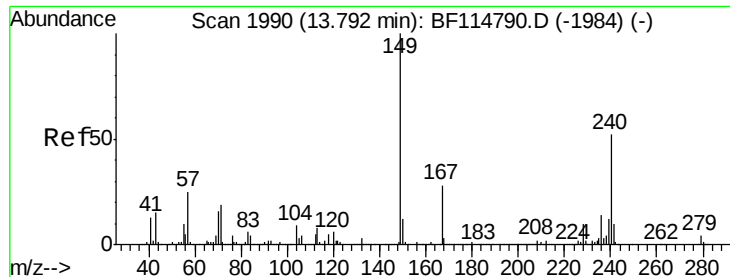


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.79 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BF114891.D

Acq: 7 Jun 2019 11:18

Instrument :

BNA_F

ClientSampleId :

RBR-200050MS

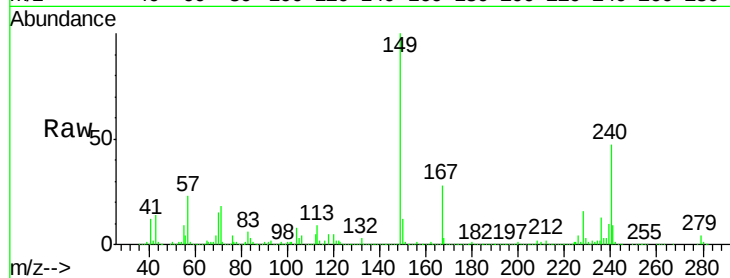
Tot Ion:240 Resp: 610762

Ion Ratio Lower Upper

240 100

120 11.2 9.0 13.4

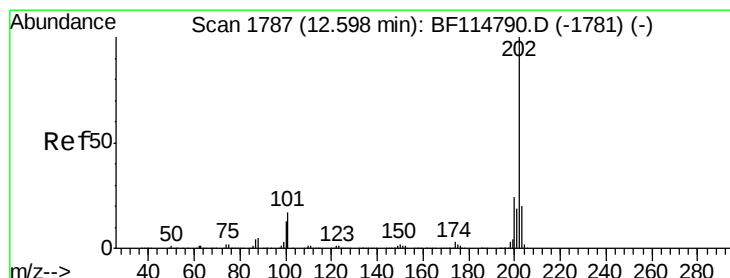
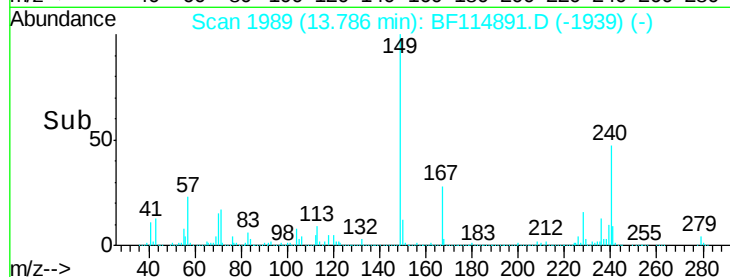
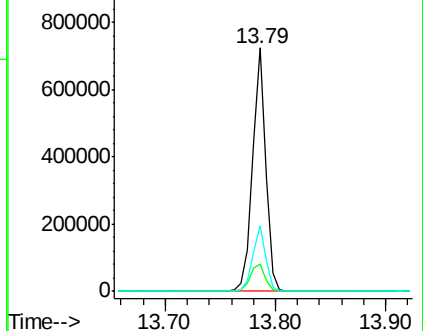
236 27.0 21.4 32.0



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



#78

Pyrene

Concen: 52.265 ng

RT: 12.60 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BF114891.D

Acq: 7 Jun 2019 11:18

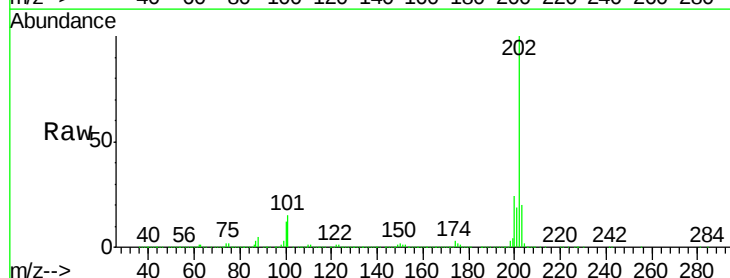
Tgt Ion:202 Resp: 2769246

Ion Ratio Lower Upper

202 100

200 23.8 19.2 28.8

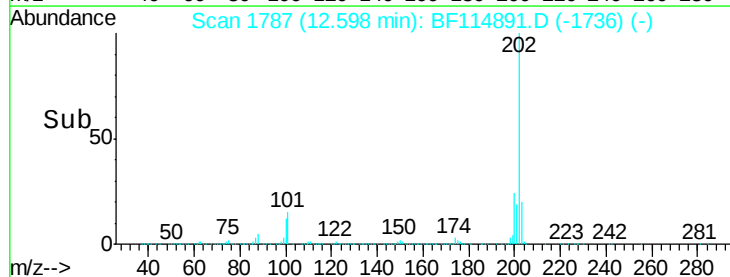
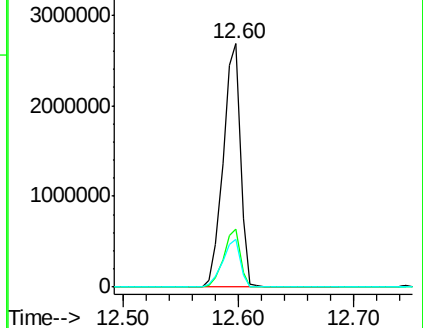
203 19.6 15.9 23.9

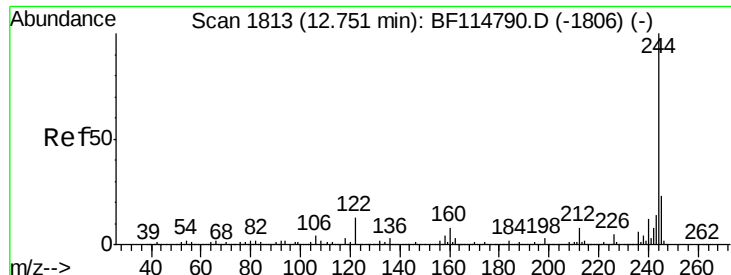


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



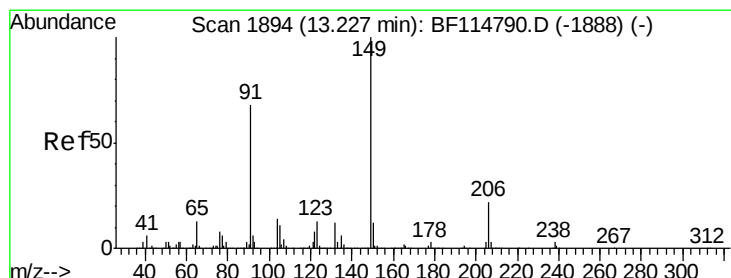
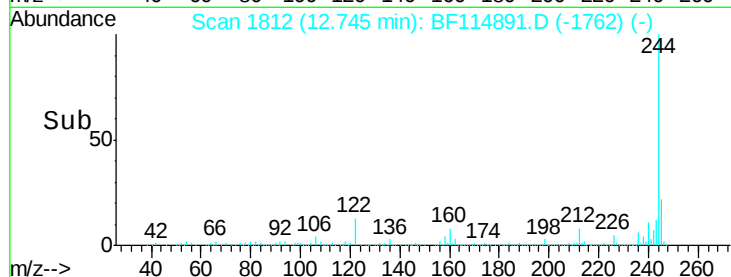
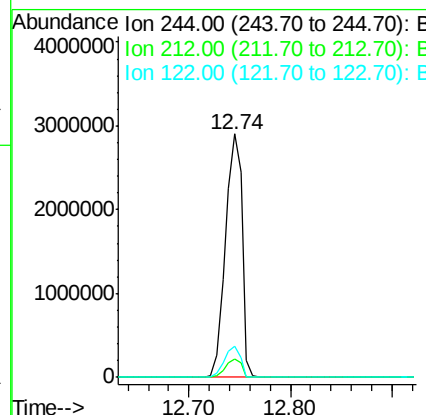
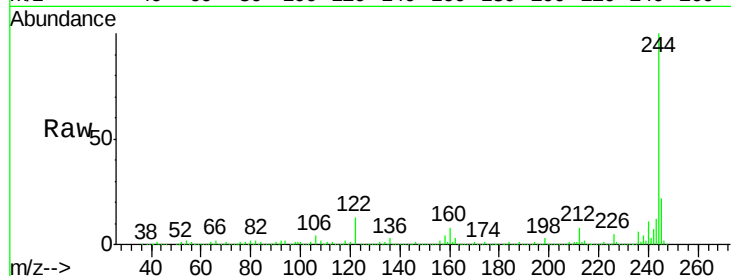


#79
 Terphenyl-d14
 Concen: 104.794 ng
 RT: 12.74 min Scan# 1812
 Delta R.T. -0.01 min
 Lab File: BF114891.D
 Acq: 7 Jun 2019 11:18

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200050MS

Tot Ion:244 Resp: 3291107

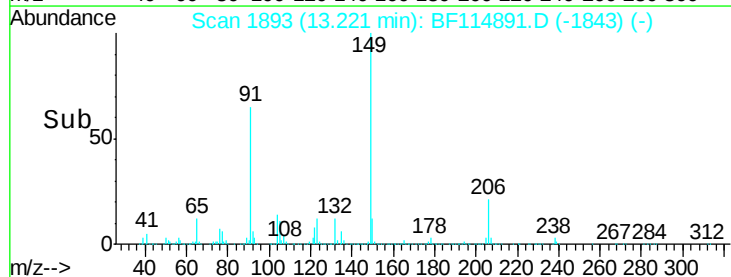
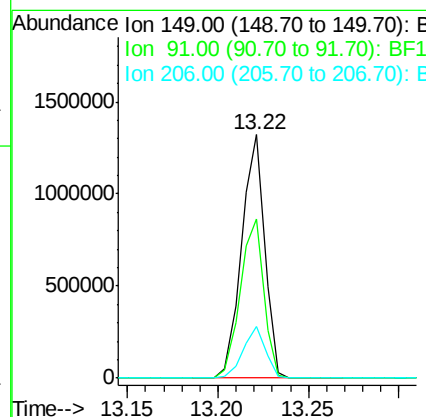
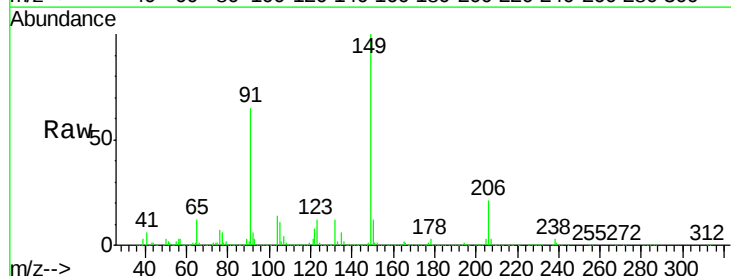
Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.5	9.7
122	12.8	10.5	15.7

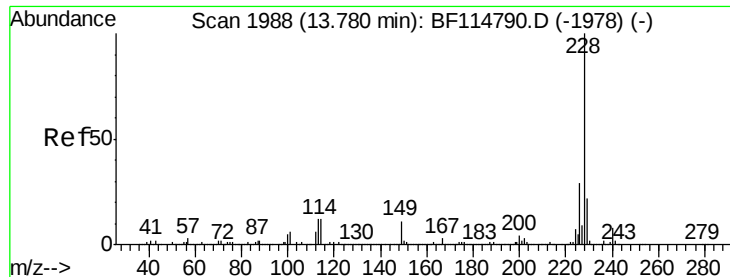


#80
 Butylbenzylphthalate
 Concen: 43.600 ng
 RT: 13.22 min Scan# 1893
 Delta R.T. -0.01 min
 Lab File: BF114891.D
 Acq: 7 Jun 2019 11:18

Tgt Ion:149 Resp: 1166556

Ion	Ratio	Lower	Upper
149	100		
91	65.5	54.6	82.0
206	21.0	17.2	25.8





#81

Benzo(a)anthracene

Concen: 45.128 ng

RT: 13.77 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BF114891.D

Acq: 7 Jun 2019 11:18

Instrument :

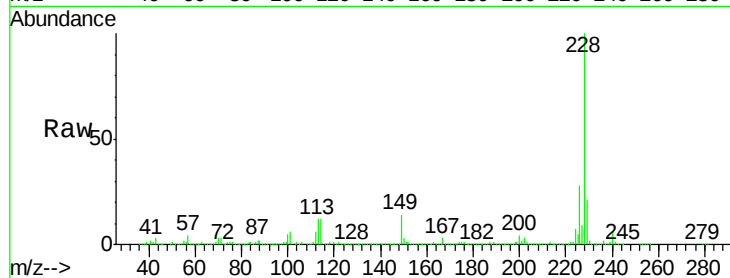
BNA_F

ClientSampleId :

RBR-200050MS

Tot Ion:228 Resp: 2123954

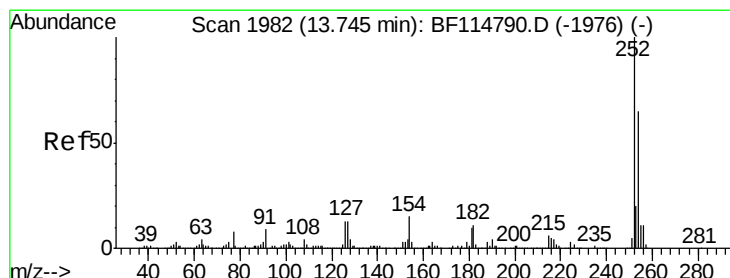
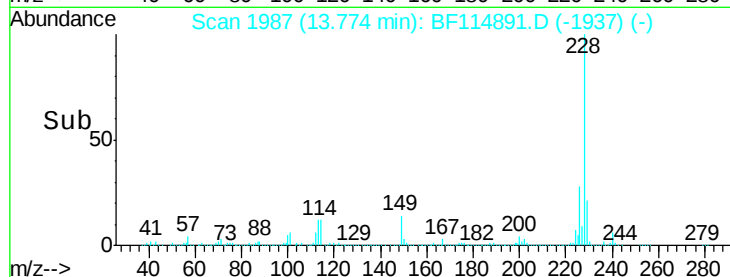
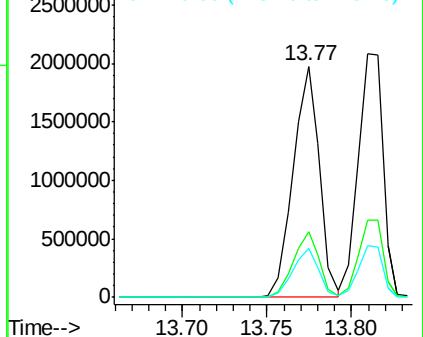
Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.4	35.2
229	21.1	17.4	26.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 21.524 ng

RT: 13.74 min Scan# 1981

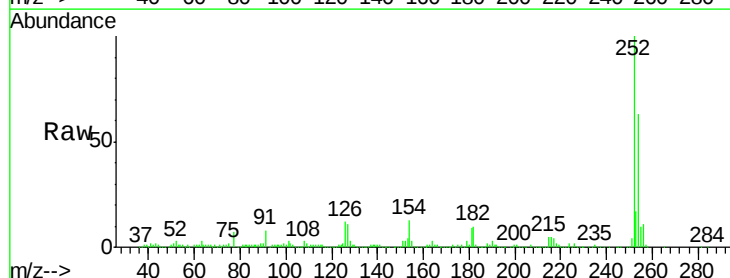
Delta R.T. -0.01 min

Lab File: BF114891.D

Acq: 7 Jun 2019 11:18

Tgt Ion:252 Resp: 410775

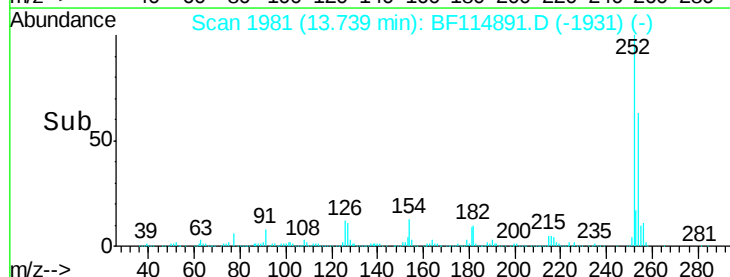
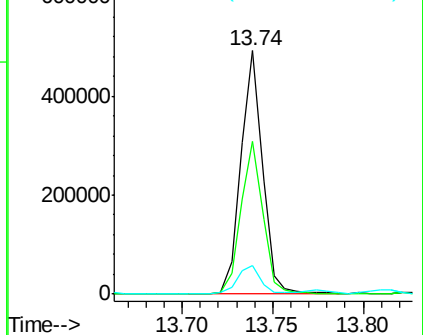
Ion	Ratio	Lower	Upper
252	100		
254	62.6	51.9	77.9
126	11.8	10.5	15.7

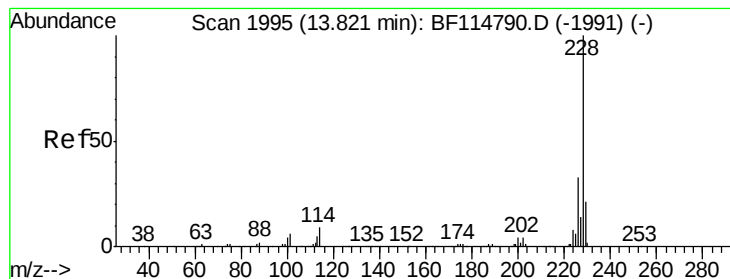


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 46.352 ng

RT: 13.81 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BF114891.D

Acq: 7 Jun 2019 11:18

Instrument :

BNA_F

ClientSampleId :

RBR-200050MS

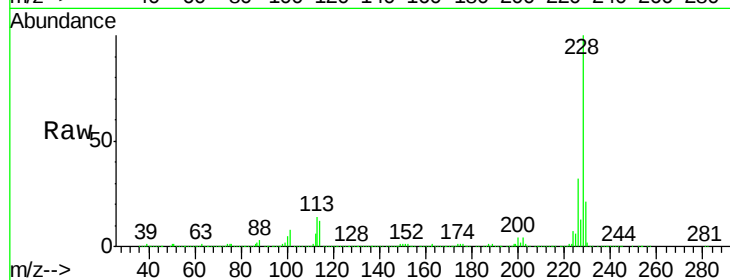
Tot Ion:228 Resp: 2122243

Ion Ratio Lower Upper

228 100

226 31.5 26.0 39.0

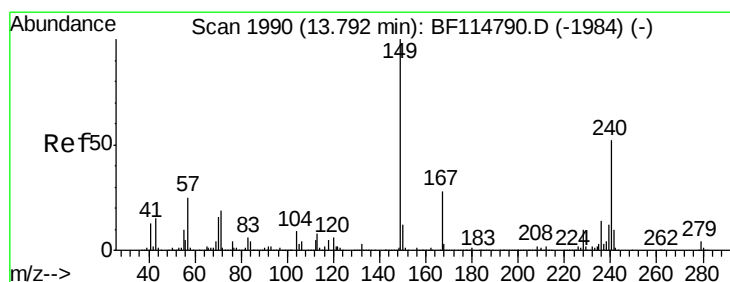
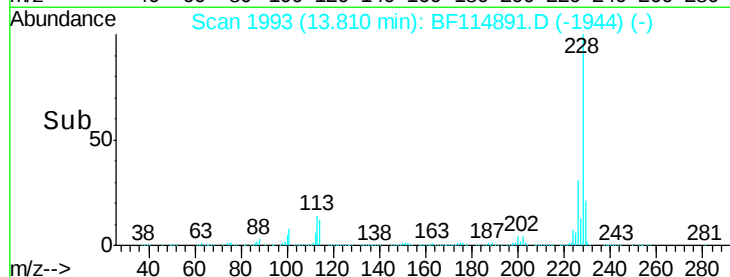
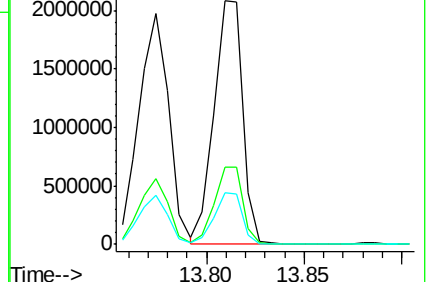
229 21.3 17.1 25.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.559 ng

RT: 13.79 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BF114891.D

Acq: 7 Jun 2019 11:18

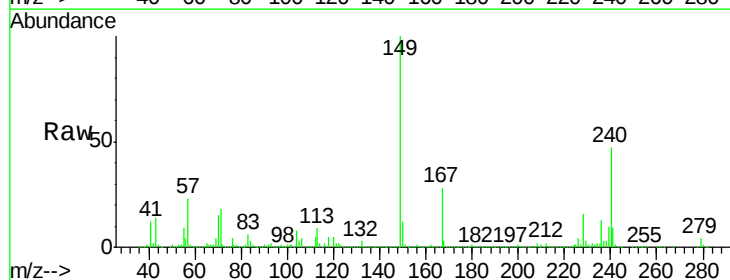
Tgt Ion:149 Resp: 1338405

Ion Ratio Lower Upper

149 100

167 28.2 22.7 34.1

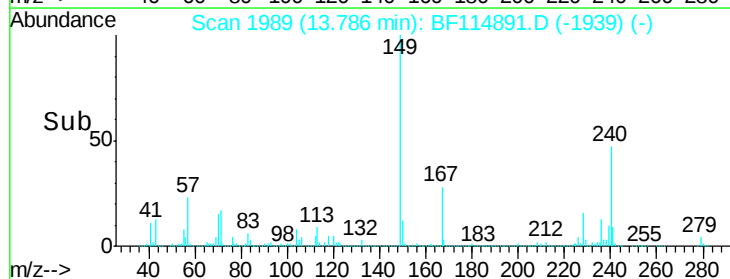
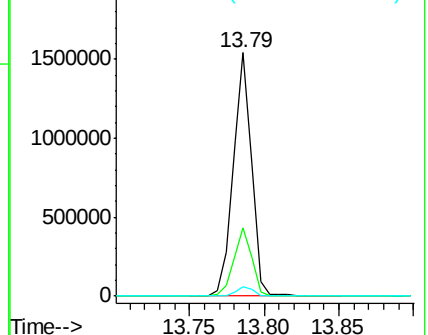
279 3.9 3.1 4.7

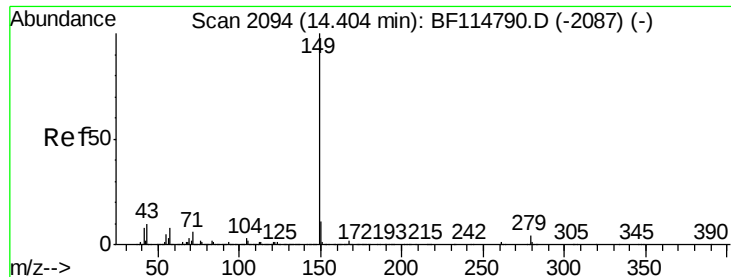


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 39.439 ng

RT: 14.39 min Scan# 2092

Delta R.T. -0.01 min

Lab File: BF114891.D

Acq: 7 Jun 2019 11:18

Instrument :

BNA_F

ClientSampleId :

RBR-200050MS

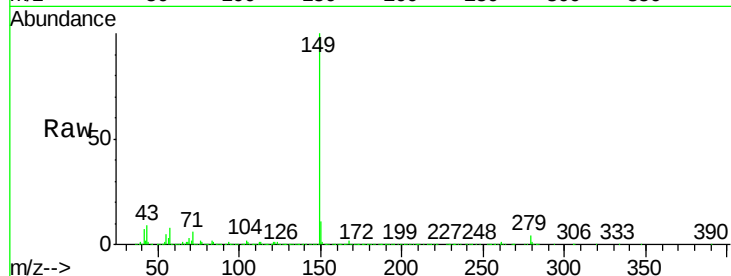
Tot Ion:149 Resp: 2267276

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

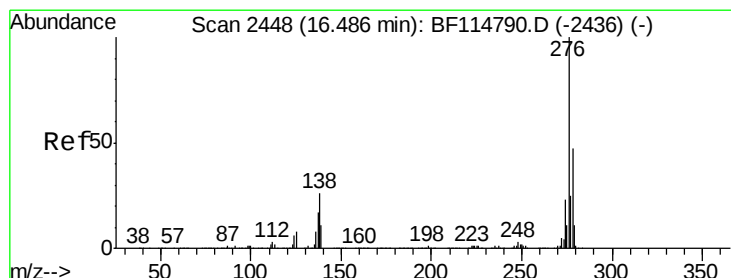
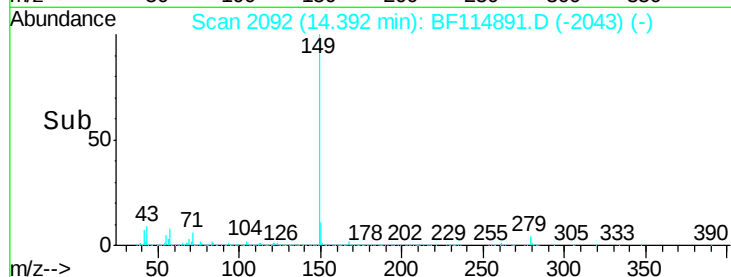
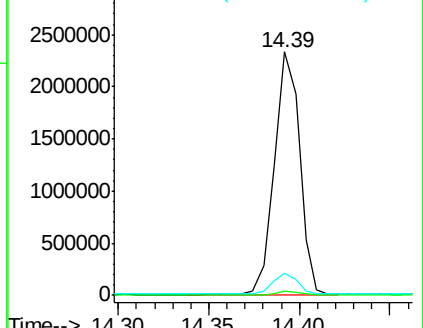
43 8.3 7.0 10.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 48.524 ng

RT: 16.48 min Scan# 2447

Delta R.T. -0.01 min

Lab File: BF114891.D

Acq: 7 Jun 2019 11:18

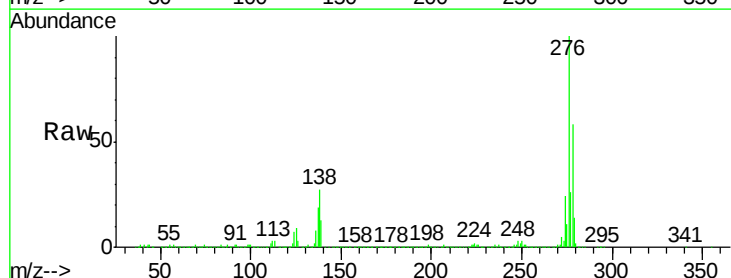
Tgt Ion:276 Resp: 2534929

Ion Ratio Lower Upper

276 100

138 28.6 22.2 33.4

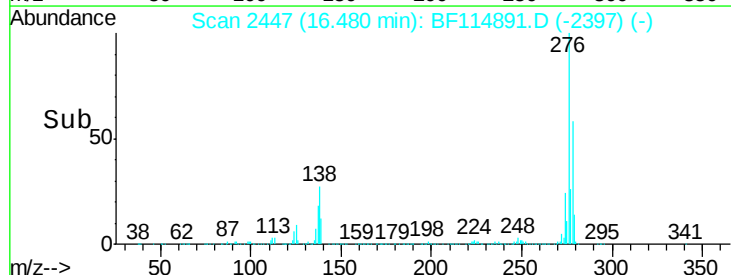
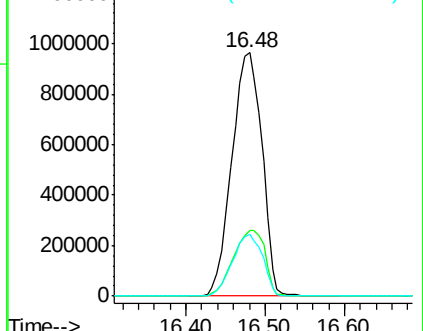
277 25.5 20.6 30.8

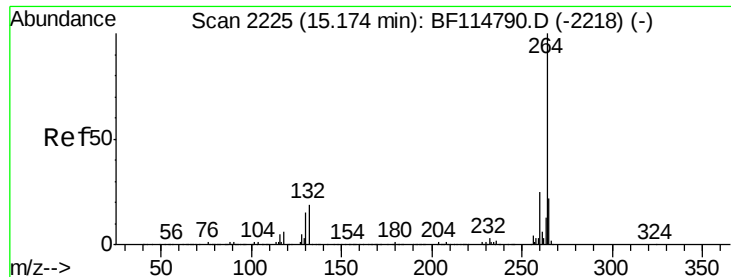


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.16 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BF114891.D

Acq: 7 Jun 2019 11:18

Instrument :

BNA_F

ClientSampleId :

RBR-200050MS

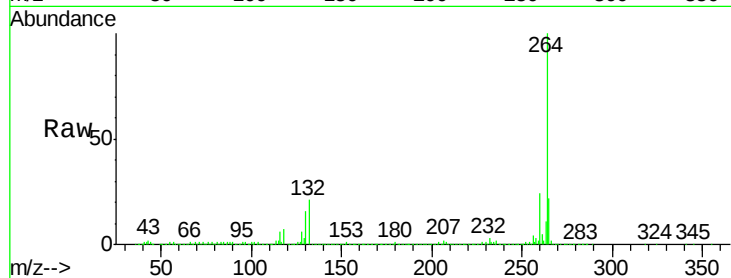
Tot Ion:264 Resp: 759053

Ion Ratio Lower Upper

264 100

260 24.5 20.1 30.1

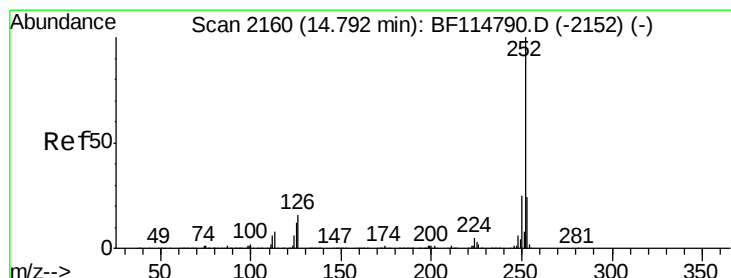
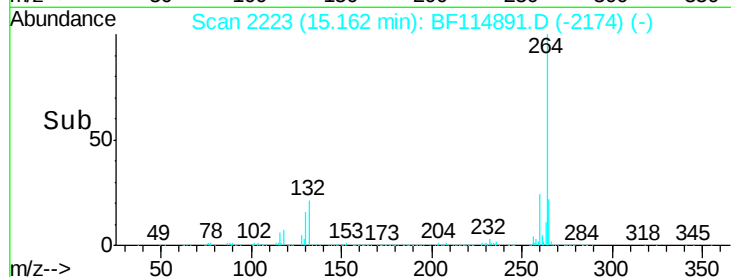
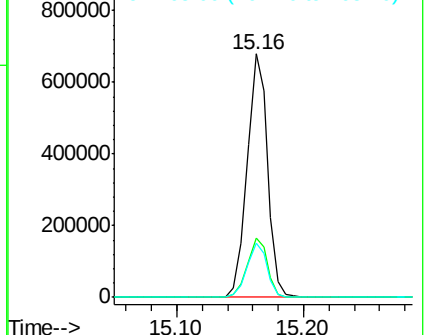
265 22.4 17.7 26.5



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: 46.730 ng

RT: 14.79 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BF114891.D

Acq: 7 Jun 2019 11:18

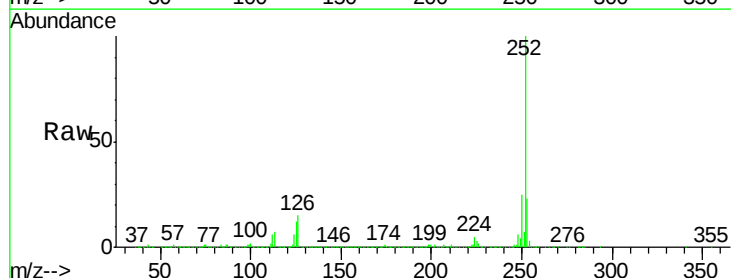
Tgt Ion:252 Resp: 2258106

Ion Ratio Lower Upper

252 100

253 23.0 19.0 28.6

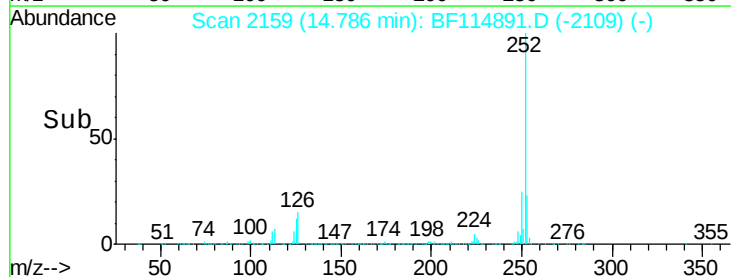
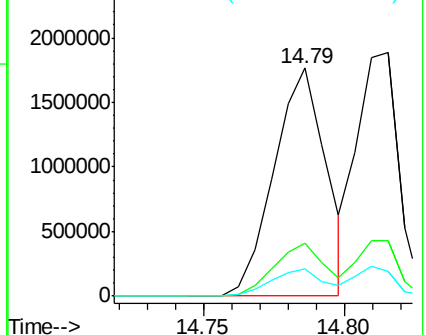
125 11.7 9.4 14.0

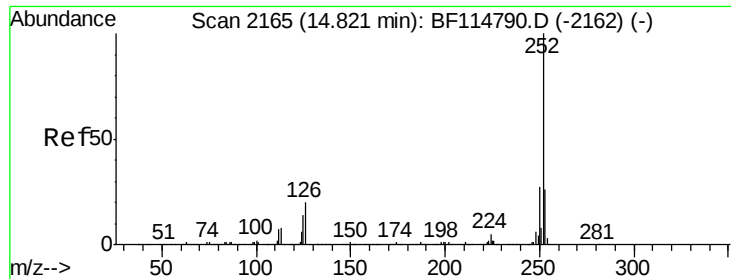


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

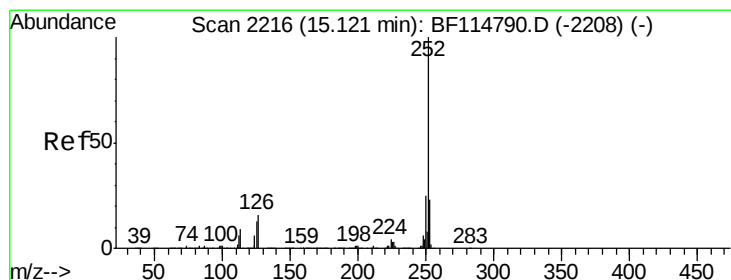
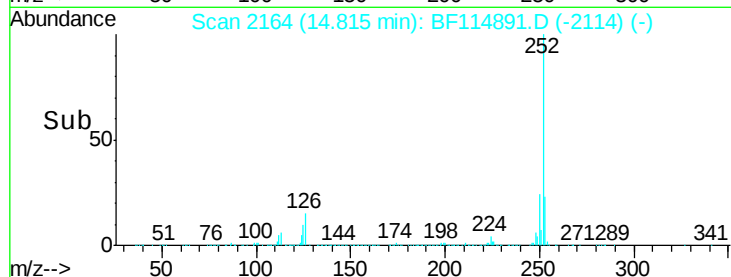
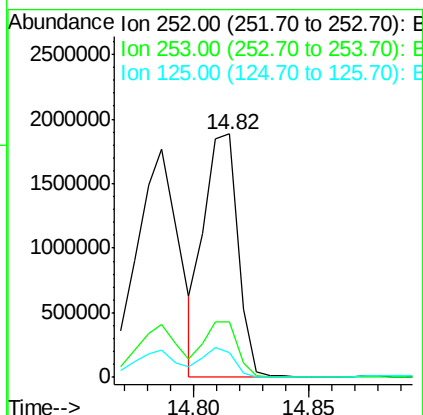
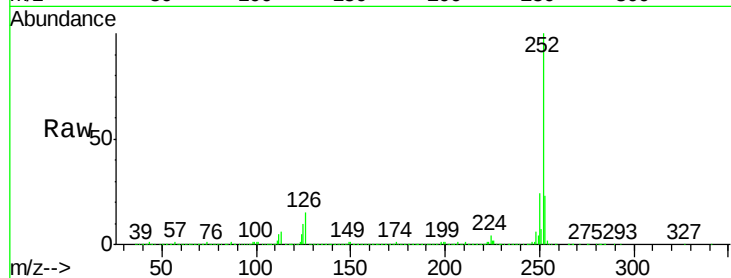




#89
Benzo(k)fluoranthene
Concen: 46.688 ng
RT: 14.82 min Scan# 2164
Delta R.T. -0.01 min
Lab File: BF114891.D
Acq: 7 Jun 2019 11:18

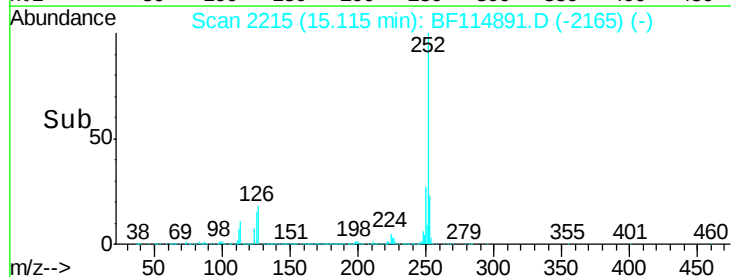
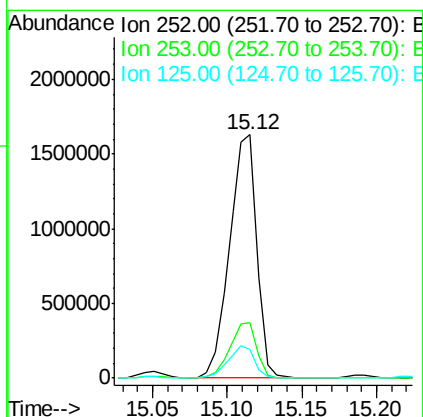
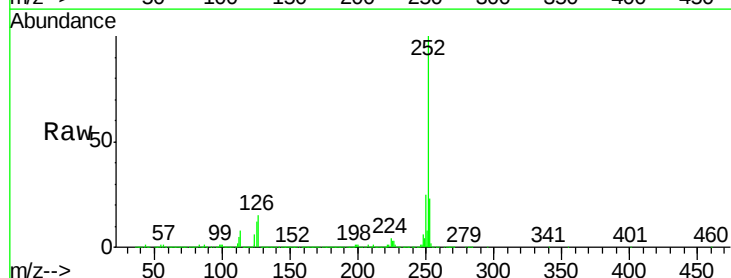
Instrument :
BNA_F
ClientSampleId :
RBR-200050MS

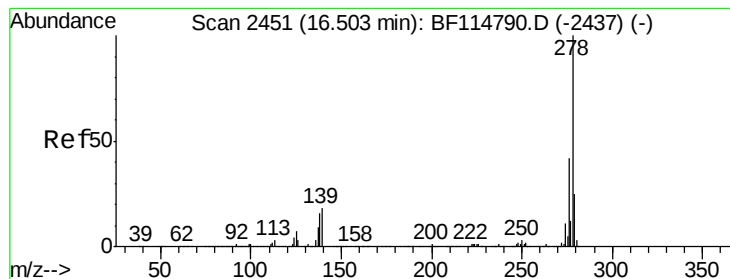
Tot Ion:252 Resp: 1915925
Ion Ratio Lower Upper
252 100
253 23.0 19.3 28.9
125 10.4 10.1 15.1



#90
Benzo(a)pyrene
Concen: 49.678 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BF114891.D
Acq: 7 Jun 2019 11:18

Tgt Ion:252 Resp: 2077801
Ion Ratio Lower Upper
252 100
253 22.7 18.5 27.7
125 11.9 10.1 15.1





#91

Dibenzo(a,h)anthracene

Concen: 51.536 ng

RT: 16.50 min Scan# 2450

Delta R.T. -0.01 min

Lab File: BF114891.D

Acq: 7 Jun 2019 11:18

Instrument :

BNA_F

ClientSampleId :

RBR-200050MS

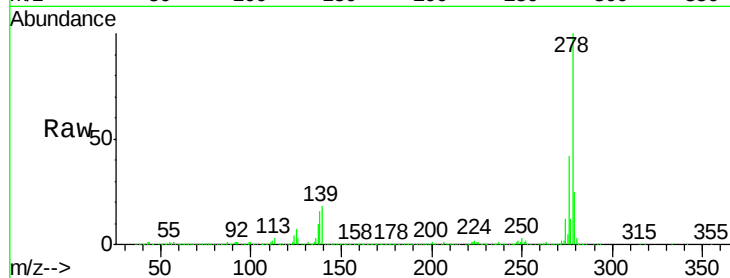
Tot Ion:278 Resp: 2041266

Ion Ratio Lower Upper

278 100

139 18.3 14.6 22.0

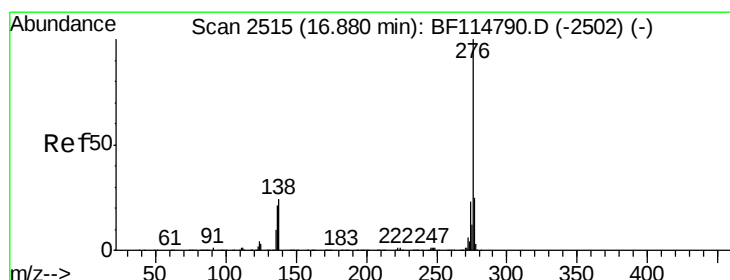
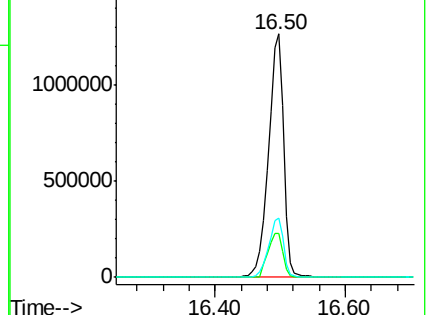
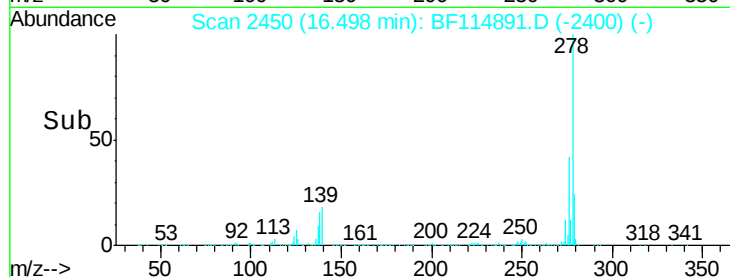
279 24.5 20.1 30.1



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: 55.243 ng

RT: 16.87 min Scan# 2514

Delta R.T. -0.01 min

Lab File: BF114891.D

Acq: 7 Jun 2019 11:18

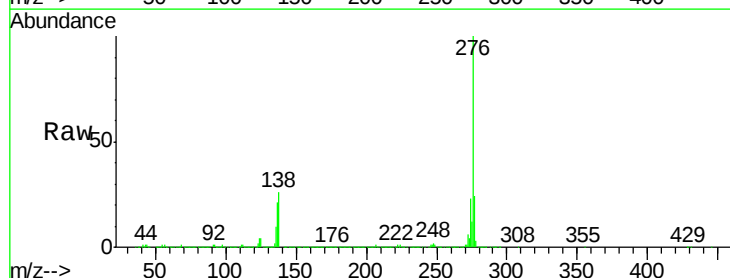
Tgt Ion:276 Resp: 2200405

Ion Ratio Lower Upper

276 100

277 24.4 19.8 29.6

138 25.5 19.4 29.2



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

