

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060719\
 Data File : BF114892.D
 Acq On : 7 Jun 2019 11:54
 Operator : HP/JU
 Sample : K3211-03MSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200050MSD

Quant Time: Jun 10 07:28:21 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	277842	20.00	ng	0.00
21) Naphthalene-d8	7.94	136	1061613	20.00	ng	-0.01
39) Acenaphthene-d10	9.69	164	520366	20.00	ng	0.00
64) Phenanthrene-d10	11.16	188	1059978	20.00	ng	0.00
76) Chrysene-d12	13.79	240	606590	20.00	ng	0.00
87) Perylene-d12	15.17	264	773523	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	2162500	136.00	ng	0.01
7) Phenol-d6	6.31	99	2722668	140.72	ng	0.00
23) Nitrobenzene-d5	7.23	82	1662661	96.41	ng	0.00
42) 2,4,6-Tribromophenol	10.47	330	785187	140.02	ng	0.00
45) 2-Fluorobiphenyl	9.02	172	2912081	104.83	ng	0.00
79) Terphenyl-d14	12.74	244	3216847	103.13	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.31	88	303740	40.009	ng	100
4) n-Nitrosodimethylamine	2.93	42	355959	46.616	ng	92
6) Aniline	6.33	93	270426	9.850	ng	# 53
8) 2-Chlorophenol	6.45	128	865343	47.102	ng	95
9) Benzaldehyde	6.20	77	285518	21.274	ng	100
10) Phenol	6.32	94	1001976	45.286	ng	80
11) bis(2-Chloroethyl)ether	6.40	93	761381	44.093	ng	99
12) 1,3-Dichlorobenzene	6.60	146	917597	42.863	ng	100
13) 1,4-Dichlorobenzene	6.68	146	937155	43.506	ng	98
14) 1,2-Dichlorobenzene	6.83	146	879299	45.198	ng	99
15) Benzyl Alcohol	6.81	79	681738	46.594	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.95	45	1044225	42.283	ng	100
17) 2-Methylphenol	6.93	107	703765	44.815	ng	99
18) Hexachloroethane	7.17	117	328515	40.518	ng	99
19) n-Nitroso-di-n-propylamine	7.09	70	530716	41.438	ng	98
20) 3+4-Methylphenols	7.08	107	805232	46.489	ng	94
22) Acetophenone	7.07	105	1110015	47.491	ng	# 98
24) Nitrobenzene	7.25	77	860065	48.140	ng	97
25) Isophorone	7.49	82	1536575	45.069	ng	98
26) 2-Nitrophenol	7.56	139	488902	50.525	ng	92
27) 2,4-Dimethylphenol	7.60	122	752828	51.187	ng	99
28) bis(2-Chloroethoxy)methane	7.70	93	972824	44.637	ng	99
29) 2,4-Dichlorophenol	7.80	162	737524	47.664	ng	99
30) 1,2,4-Trichlorobenzene	7.89	180	800051	45.063	ng	98
31) Naphthalene	7.96	128	2376199	49.717	ng	99
32) Benzoic acid	7.69	122	126318	11.792	ng	96
33) 4-Chloroaniline	8.01	127	252326	11.067	ng	98
34) Hexachlorobutadiene	8.09	225	421375	41.746	ng	99
35) Caprolactam	8.38	113	185176m	36.635	ng	
36) 4-Chloro-3-methylphenol	8.50	107	761073	49.430	ng	99
37) 2-Methylnaphthalene	8.66	142	1612693	48.647	ng	98
38) 1-Methylnaphthalene	8.75	142	1541321	49.027	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.82	216	697570	46.517	ng	99
41) Hexachlorocyclopentadiene	8.82	237	725127	79.728	ng	100

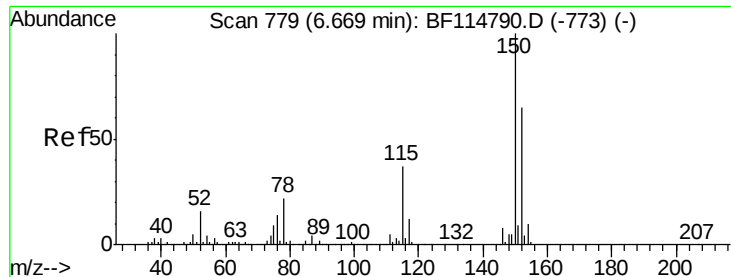
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060719\
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 QLast Update : Tue Jun 04 16:57:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	8.93	196	541851	46.468	nq	100
44) 2,4,5-Trichlorophenol	8.97	196	569944	48.532	nq	97
46) 1,1'-Biphenyl	9.12	154	1900270	49.272	nq	98
47) 2-Chloronaphthalene	9.14	162	1542023	47.054	nq	98
48) 2-Nitroaniline	9.23	65	464187	47.465	nq	97
49) Acenaphthylene	9.55	152	2386732	50.222	nq	98
50) Dimethylphthalate	9.42	163	2152383	56.633	nq	99
51) 2,6-Dinitrotoluene	9.48	165	432555	48.395	nq	95
52) Acenaphthene	9.72	154	1423812	45.736	nq	100
53) 3-Nitroaniline	9.64	138	290974	27.867	nq	96
54) 2,4-Dinitrophenol	9.75	184	351936	87.015	nq	93
55) Dibenzofuran	9.90	168	2112716	48.805	nq	95
56) 4-Nitrophenol	9.82	139	804207	105.111	nq	91
57) 2,4-Dinitrotoluene	9.88	165	580574	51.670	nq	94
58) Fluorene	10.23	166	1511148	56.901	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.02	232	479079	49.793	nq	100
60) Diethylphthalate	10.12	149	1747324	45.817	nq	99
61) 4-Chlorophenyl-phenylether	10.23	204	716537	43.216	nq	99
62) 4-Nitroaniline	10.25	138	430036	42.463	nq	97
63) Azobenzene	10.39	77	1587866	48.914	nq	98
65) 4,6-Dinitro-2-methylphenol	10.29	198	264041	47.954	nq	100
66) n-Nitrosodiphenylamine	10.35	169	1463155	45.650	nq	99
67) 4-Bromophenyl-phenylether	10.72	248	500954	41.612	nq	98
68) Hexachlorobenzene	10.79	284	553785	42.032	nq	99
69) Atrazine	10.88	200	467645	41.952	nq	99
70) Pentachlorophenol	10.97	266	637717	83.727	nq	98
71) Phenanthrene	11.19	178	2499071	49.387	nq	99
72) Anthracene	11.24	178	2549179	47.869	nq	98
73) Carbazole	11.39	167	2339453	51.246	nq	98
74) Di-n-butylphthalate	11.73	149	2603817	43.365	nq	99
75) Fluoranthene	12.37	202	2701534	51.294	nq	98
78) Pyrene	12.59	202	2731483	51.907	nq	99
80) Butylbenzylphthalate	13.22	149	1147367	43.178	nq	95
81) Benzo(a)anthracene	13.77	228	2128402	45.533	nq	99
82) 3,3'-Dichlorobenzidine	13.74	252	473944	25.005	nq	98
83) Chrysene	13.82	228	2124551	46.722	nq	99
84) Bis(2-ethylhexyl)phthalate	13.79	149	1334635	39.719	nq	99
85) Di-n-octyl phthalate	14.40	149	2257176	39.534	nq	99
86) Indeno(1,2,3-cd)pyrene	16.49	276	2553326	49.213	nq	99
88) Benzo(b)fluoranthene	14.80	252	2341005	47.539	nq	99
89) Benzo(k)fluoranthene	14.82	252	1896550	45.352	nq	99
90) Benzo(a)pyrene	15.13	252	2120391	49.748	nq	98
91) Dibenzo(a,h)anthracene	16.51	278	2046414	50.699	nq	99
92) Benzo(g,h,i)perylene	16.89	276	2217081	54.621	nq	98

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

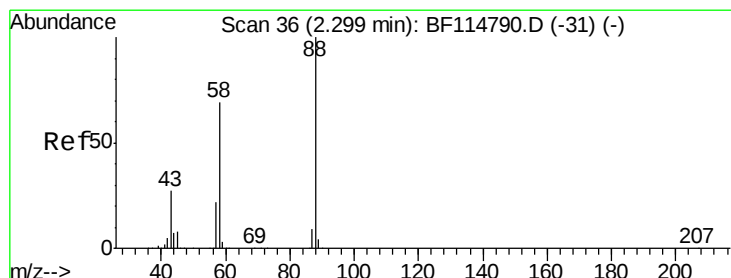
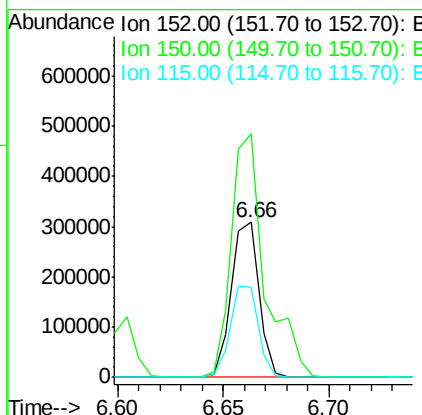
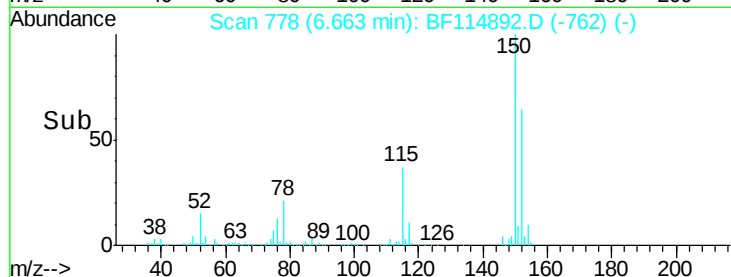
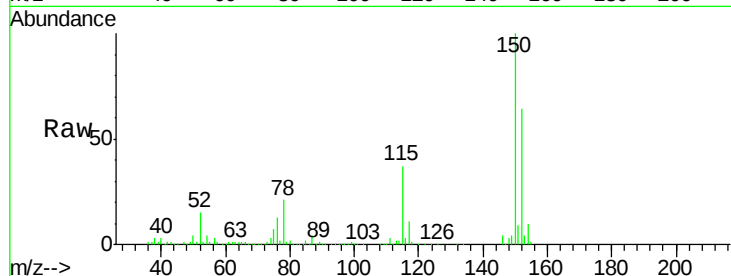


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF114892.D
Acq: 7 Jun 2019 11:54

Instrument :
BNA_F
ClientSampleId :
RBR-200050MSD

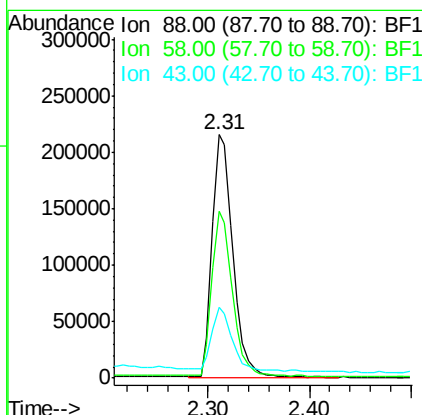
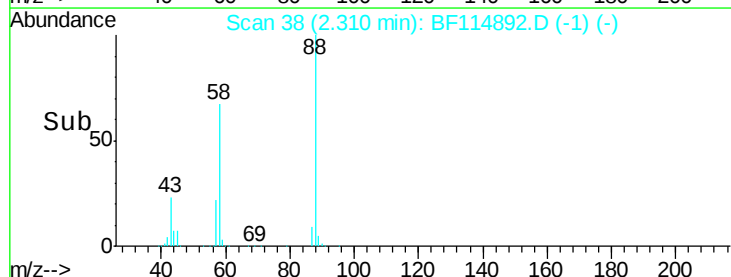
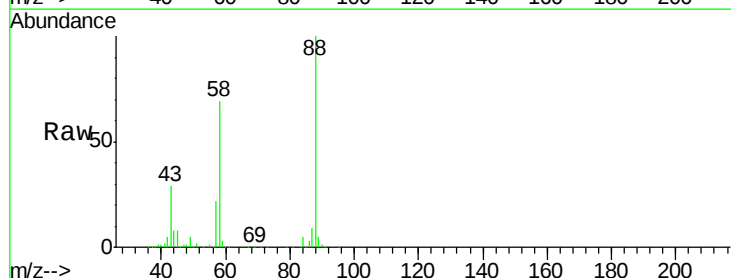
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.0	186.0
115	57.8	46.3	69.5

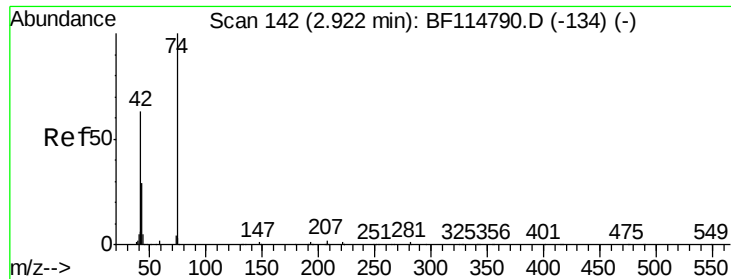


#2

1,4-Dioxane
Concen: 40.009 ng
RT: 2.31 min Scan# 38
Delta R.T. 0.01 min
Lab File: BF114892.D
Acq: 7 Jun 2019 11:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.2	53.8	80.8
43	25.9	20.7	31.1



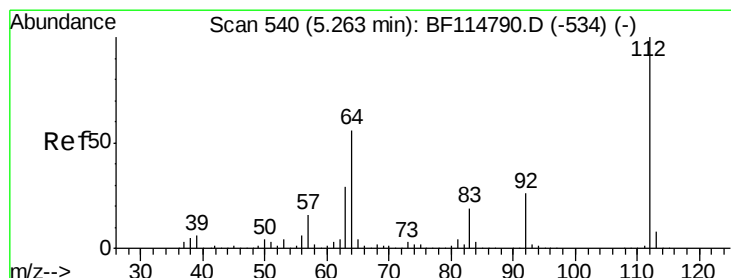
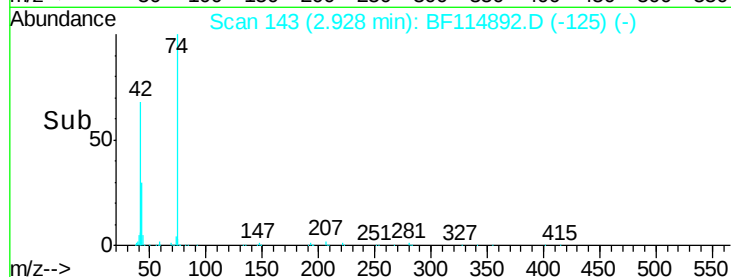
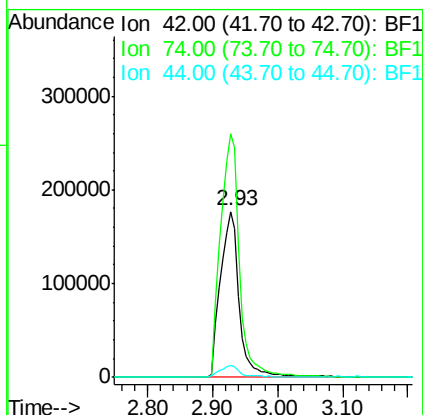
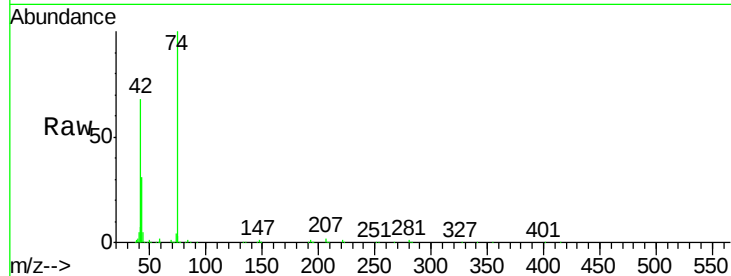


#4

n-Nitrosodimethylamine
 Concen: 46.616 ng
 RT: 2.93 min Scan# 143
 Delta R.T. 0.01 min
 Lab File: BF114892.D
 Acq: 7 Jun 2019 11:54

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200050MSD

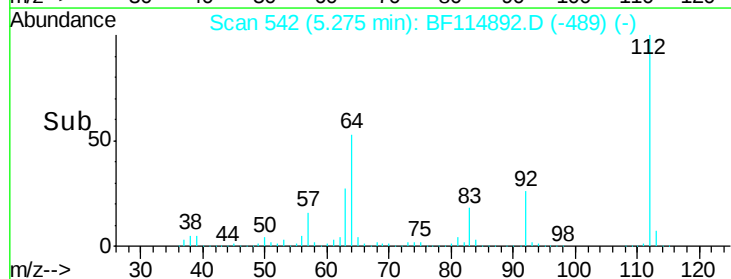
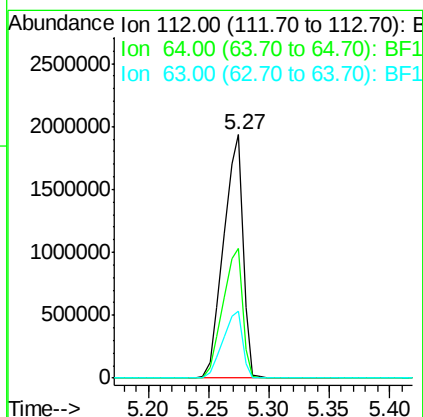
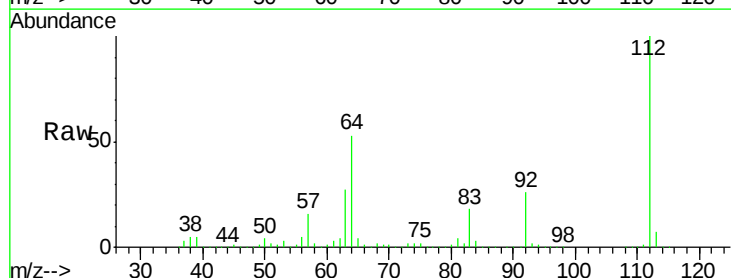
Tot Ion	Ratio	Lower	Upper
42	100		
74	147.1	126.2	189.2
44	7.3	5.9	8.9

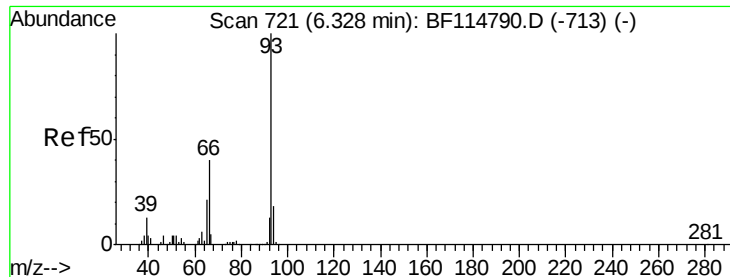


#5

2-Fluorophenol
 Concen: 136.000 ng
 RT: 5.27 min Scan# 542
 Delta R.T. 0.01 min
 Lab File: BF114892.D
 Acq: 7 Jun 2019 11:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.3	44.6	66.8
63	27.4	23.0	34.4





#6

Aniline

Concen: 9.850 ng

RT: 6.33 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF114892.D

Acq: 7 Jun 2019 11:54

Instrument :

BNA_F

ClientSampleId :

RBR-200050MSD

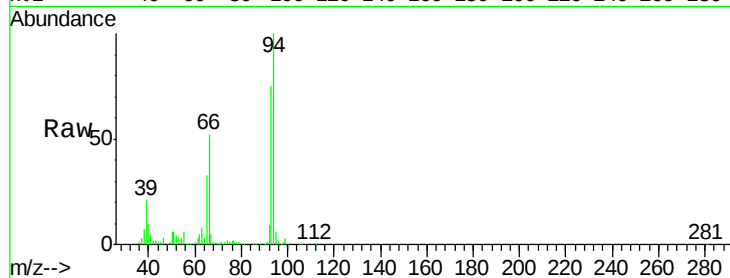
Tot Ion: 93 Resp: 270426

Ion Ratio Lower Upper

93 100

66 69.7 32.8 49.2#

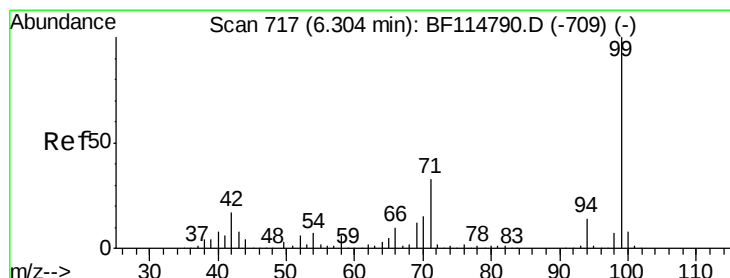
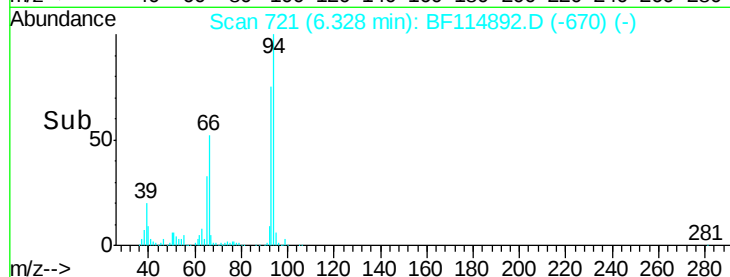
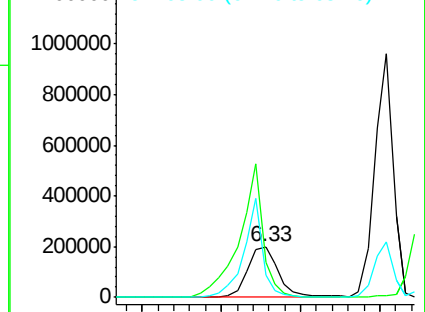
65 44.0 16.9 25.3#



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1



#7

Phenol-d6

Concen: 140.720 ng

RT: 6.31 min Scan# 718

Delta R.T. 0.01 min

Lab File: BF114892.D

Acq: 7 Jun 2019 11:54

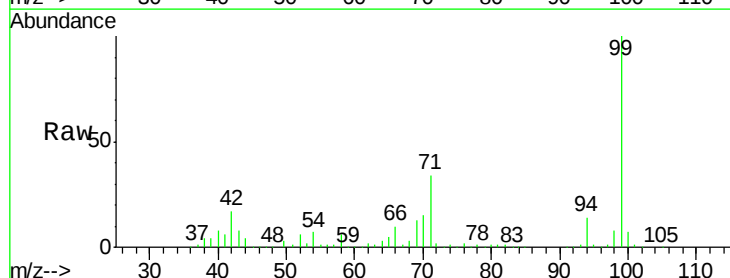
Tgt Ion: 99 Resp: 2722668

Ion Ratio Lower Upper

99 100

42 16.5 13.3 19.9

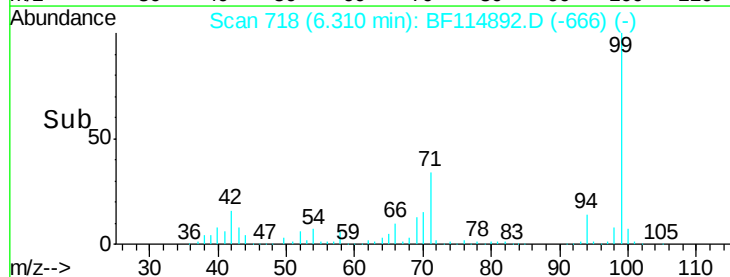
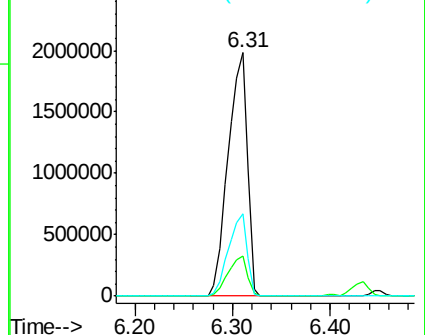
71 33.8 26.3 39.5

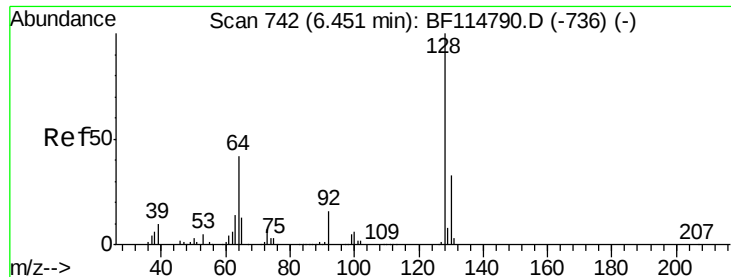


Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1





#8

2-Chlorophenol

Concen: 47.102 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF114892.D

Acq: 7 Jun 2019 11:54

Instrument :

BNA_F

ClientSampleId :

RBR-200050MSD

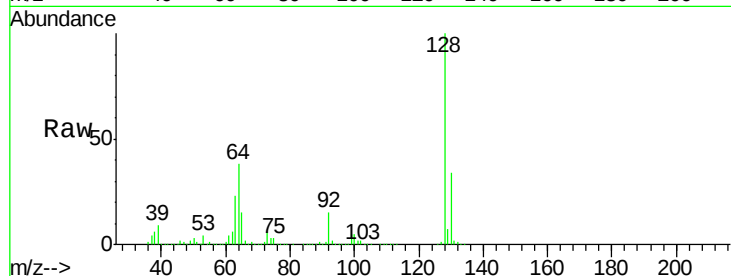
Tot Ion:128 Resp: 865343

Ion Ratio Lower Upper

128 100

130 33.7 12.7 52.7

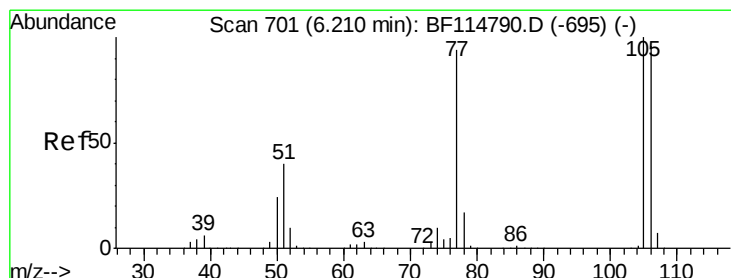
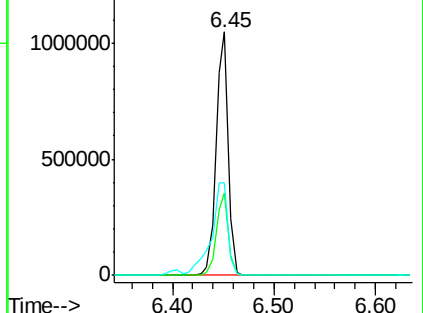
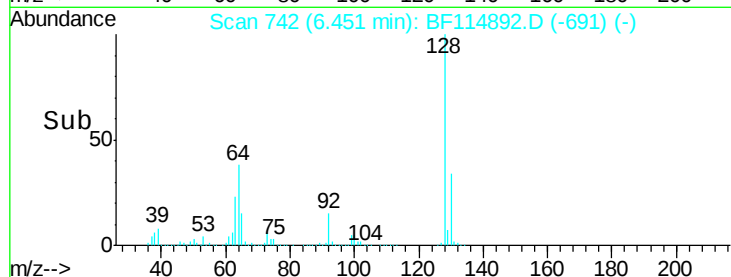
64 38.1 22.5 62.5



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: 21.274 ng

RT: 6.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BF114892.D

Acq: 7 Jun 2019 11:54

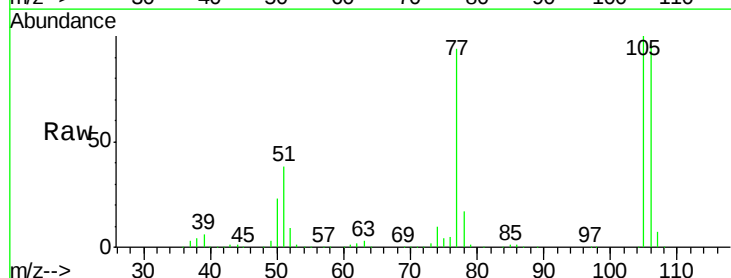
Tgt Ion: 77 Resp: 285518

Ion Ratio Lower Upper

77 100

105 106.3 85.8 125.8

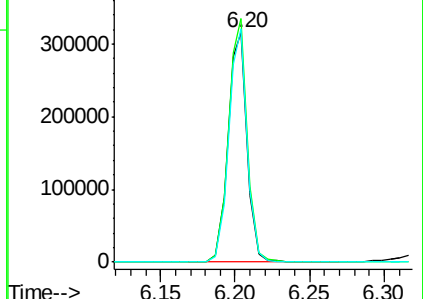
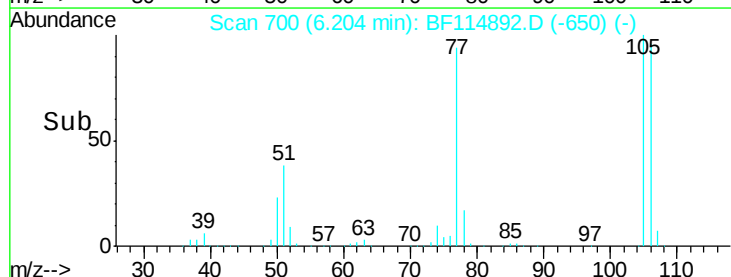
106 101.7 81.6 121.6

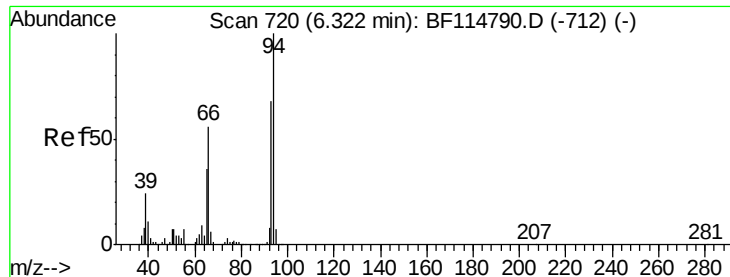


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 45.286 ng

RT: 6.32 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF114892.D

Acq: 7 Jun 2019 11:54

Instrument :

BNA_F

ClientSampleId :

RBR-200050MSD

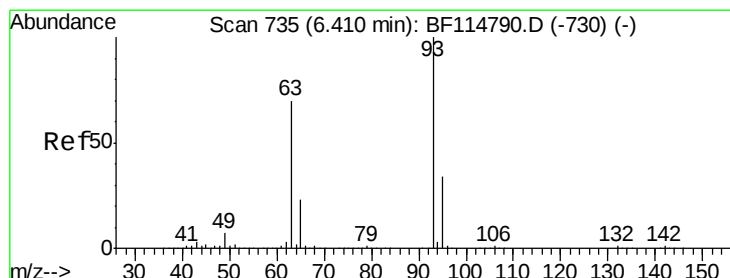
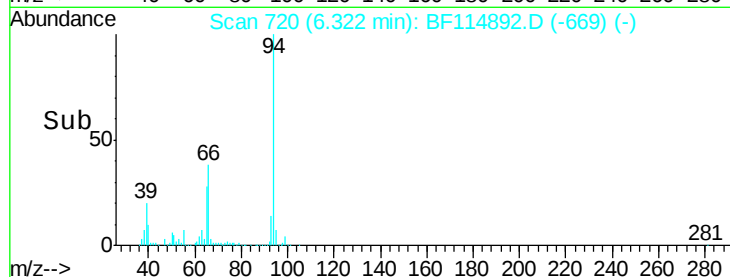
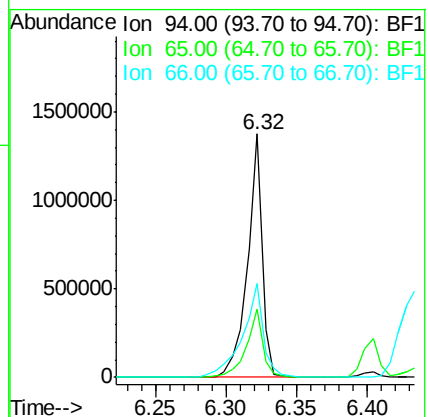
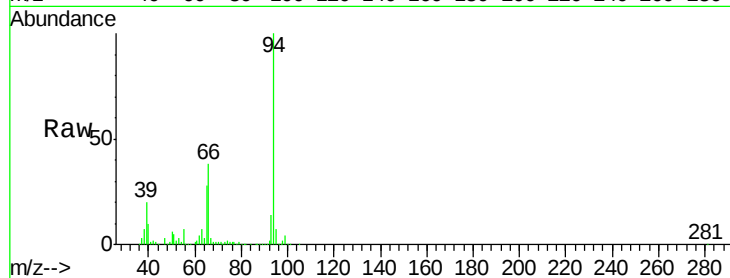
Tot Ion: 94 Resp: 1001976

Ion Ratio Lower Upper

94 100

65 28.2 16.1 56.1

66 38.4 36.3 76.3



#11

bis(2-Chloroethyl)ether

Concen: 44.093 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF114892.D

Acq: 7 Jun 2019 11:54

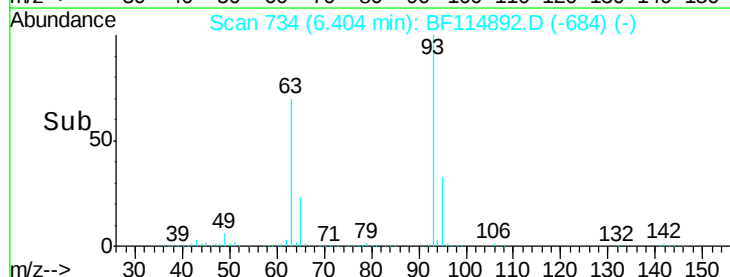
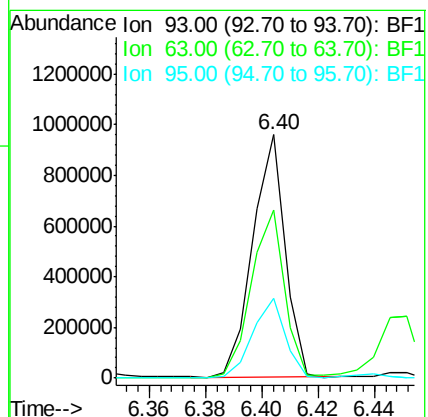
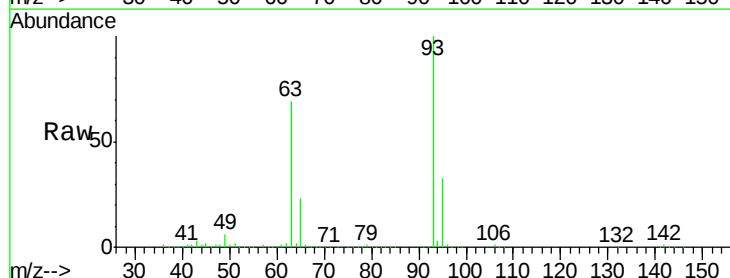
Tgt Ion: 93 Resp: 761381

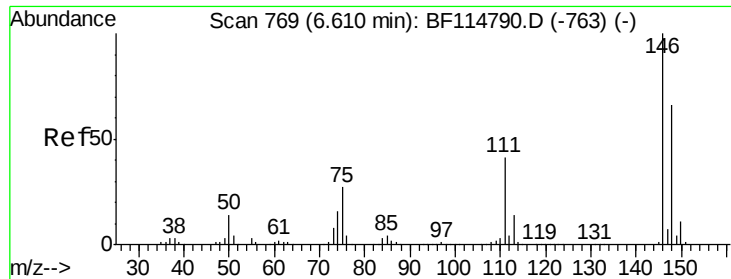
Ion Ratio Lower Upper

93 100

63 69.2 49.6 89.6

95 32.7 13.6 53.6

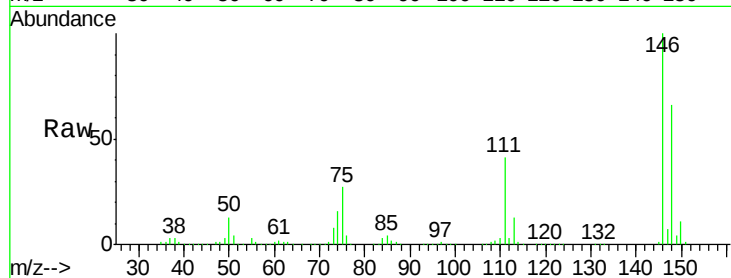




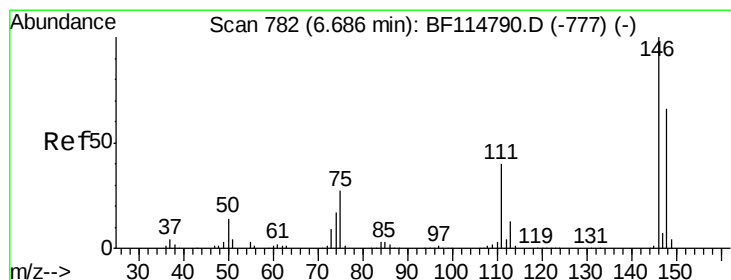
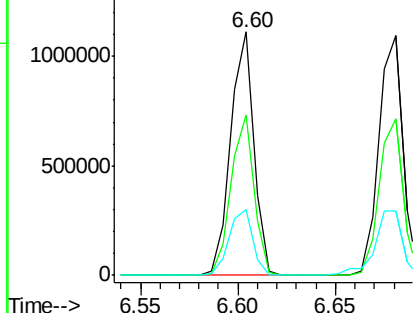
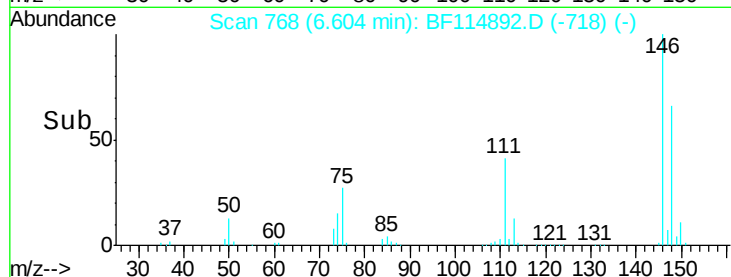
#12
 1,3-Dichlorobenzene
 Concen: 42.863 ng
 RT: 6.60 min Scan# 768
 Delta R.T. -0.01 min
 Lab File: BF114892.D
 Acq: 7 Jun 2019 11:54

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200050MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.0	52.7	79.1
75	27.2	22.0	33.0

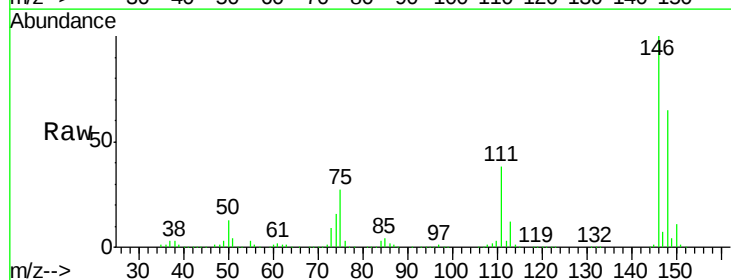


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF1

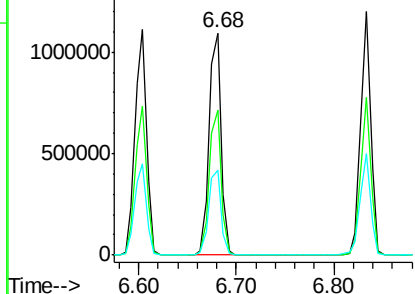
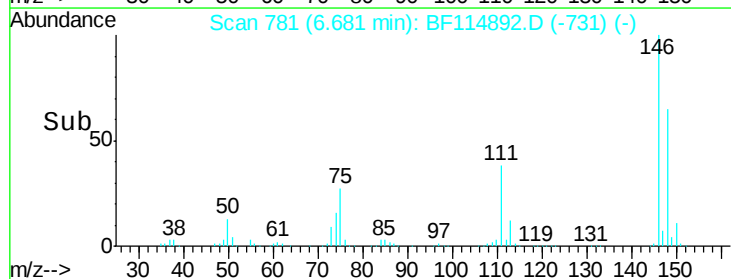


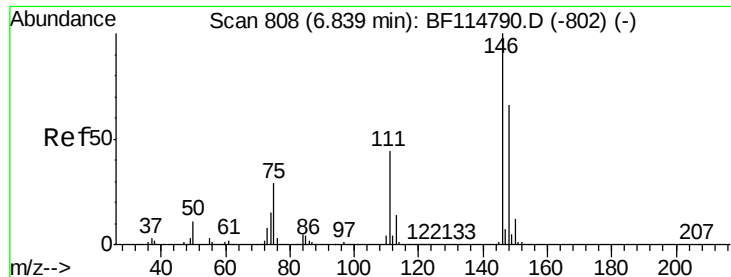
#13
 1,4-Dichlorobenzene
 Concen: 43.506 ng
 RT: 6.68 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: BF114892.D
 Acq: 7 Jun 2019 11:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	53.0	79.4
111	38.3	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: 45.198 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF114892.D

Acq: 7 Jun 2019 11:54

Instrument :

BNA_F

ClientSampleId :

RBR-200050MSD

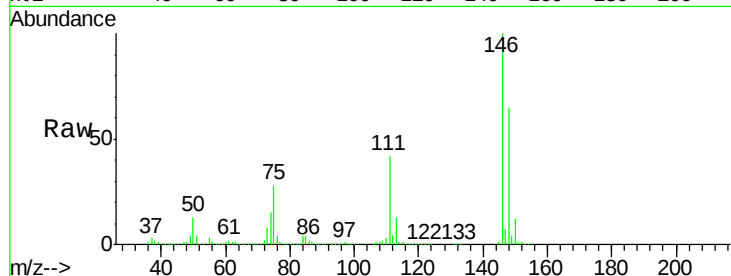
Tot Ion:146 Resp: 879299

Ion Ratio Lower Upper

146 100

148 65.0 52.5 78.7

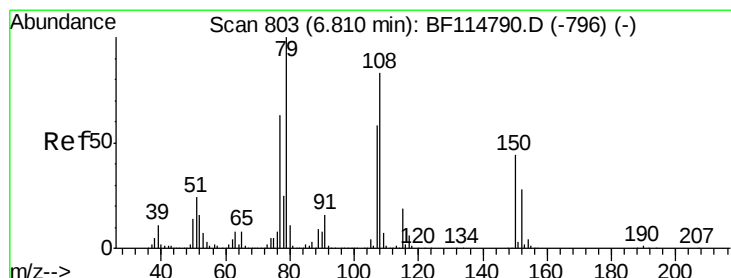
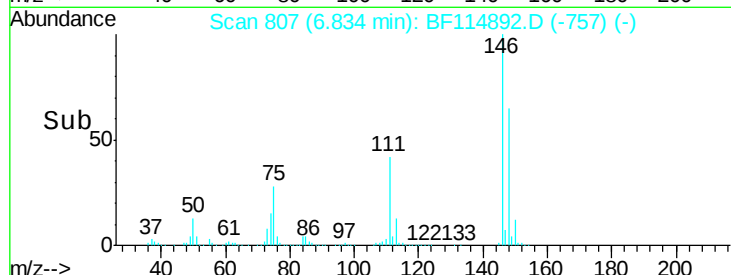
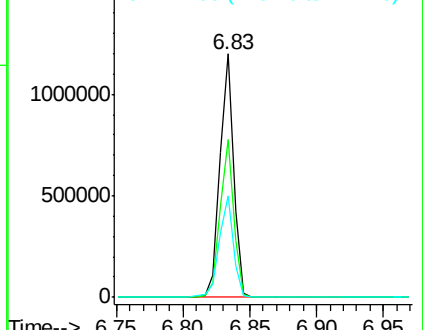
111 41.9 34.8 52.2



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: 46.594 ng

RT: 6.81 min Scan# 803

Delta R.T. 0.00 min

Lab File: BF114892.D

Acq: 7 Jun 2019 11:54

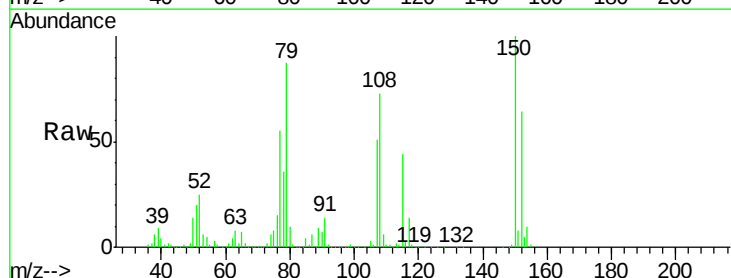
Tgt Ion: 79 Resp: 681738

Ion Ratio Lower Upper

79 100

108 84.2 66.8 100.2

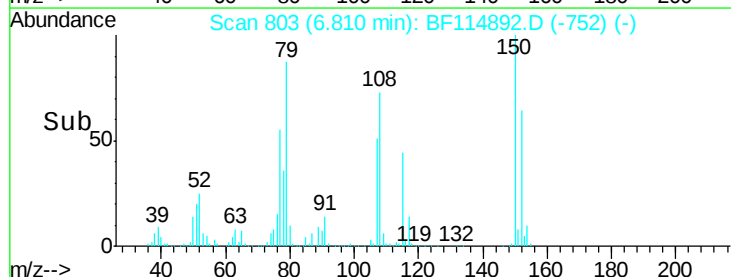
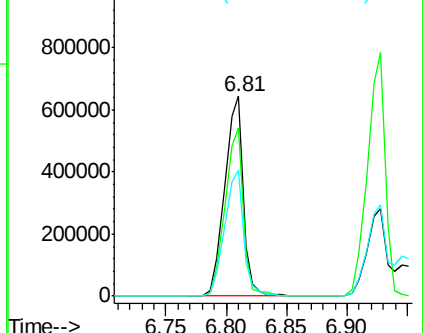
77 63.2 50.6 76.0

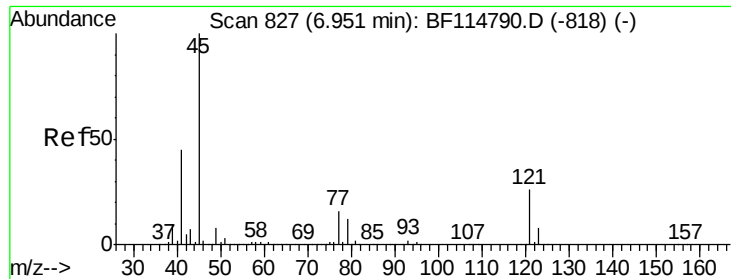


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

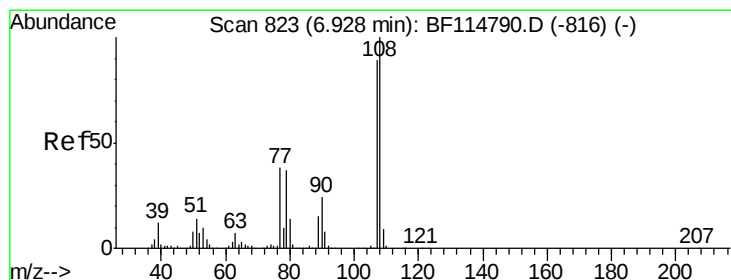
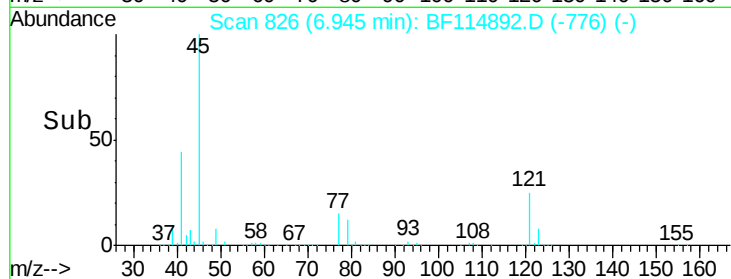
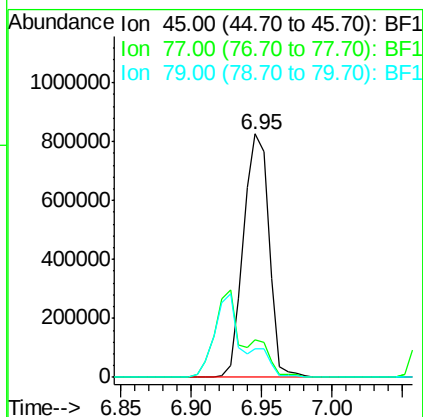
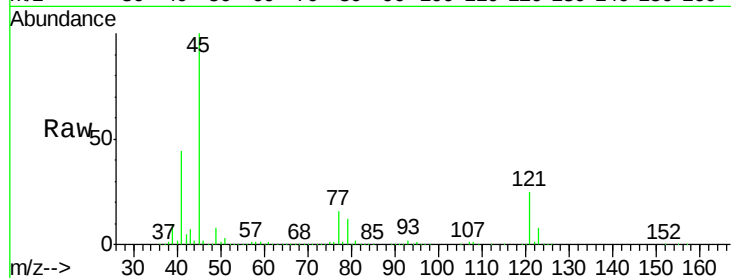




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 42.283 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.01 min
Lab File: BF114892.D
Acq: 7 Jun 2019 11:54

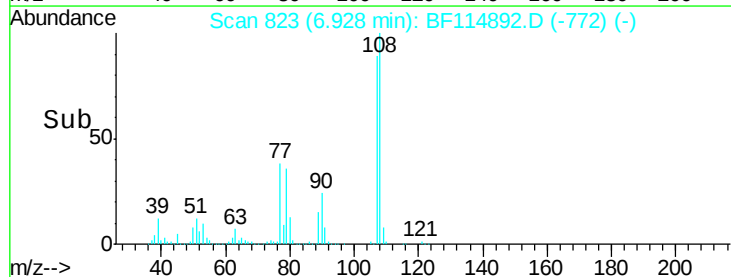
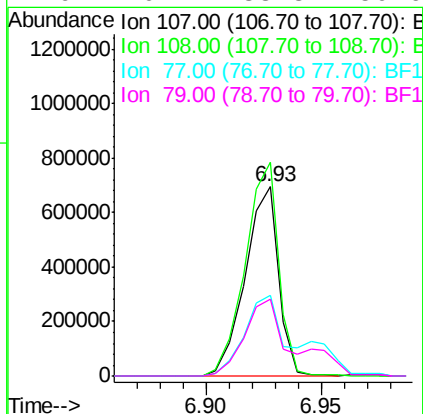
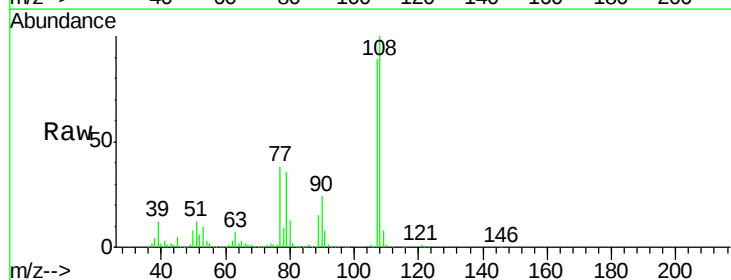
Instrument :
BNA_F
ClientSampleId :
RBR-200050MSD

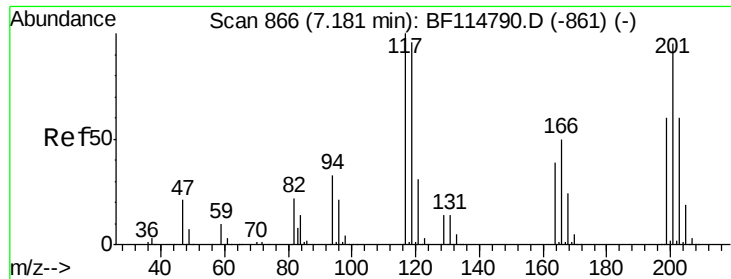
Tot Ion: 45 Resp: 1044225
Ion Ratio Lower Upper
45 100
77 15.6 0.0 35.8
79 12.0 0.0 32.0



#17
2-Methylphenol
Concen: 44.815 ng
RT: 6.93 min Scan# 823
Delta R.T. 0.00 min
Lab File: BF114892.D
Acq: 7 Jun 2019 11:54

Tgt Ion: 107 Resp: 703765
Ion Ratio Lower Upper
107 100
108 112.9 90.2 135.2
77 42.4 34.5 51.7
79 40.7 33.8 50.6

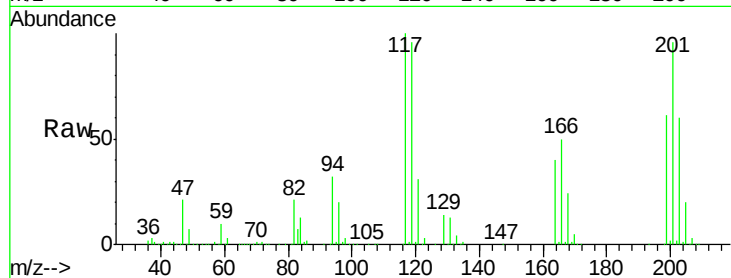




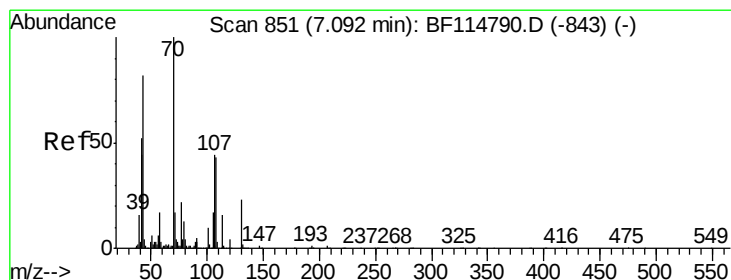
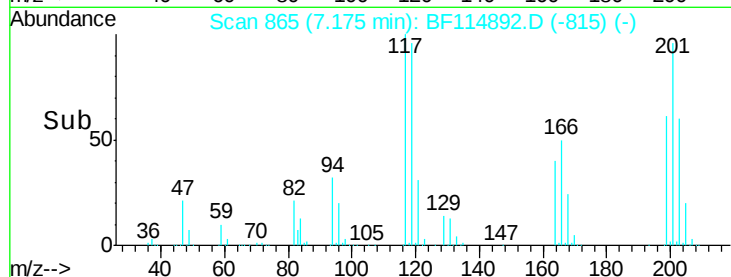
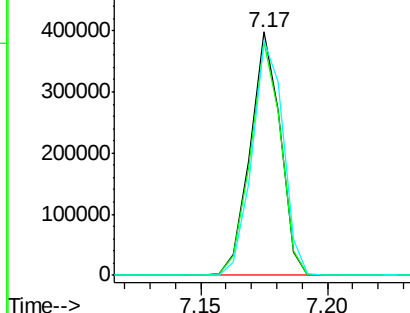
#18
Hexachloroethane
Concen: 40.518 ng
RT: 7.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BF114892.D
Acq: 7 Jun 2019 11:54

Instrument :
BNA_F
ClientSampleId :
RBR-200050MSD

Tot Ion:117 Resp: 328515
Ion Ratio Lower Upper
117 100
119 96.1 77.0 115.4
201 96.4 76.0 114.0

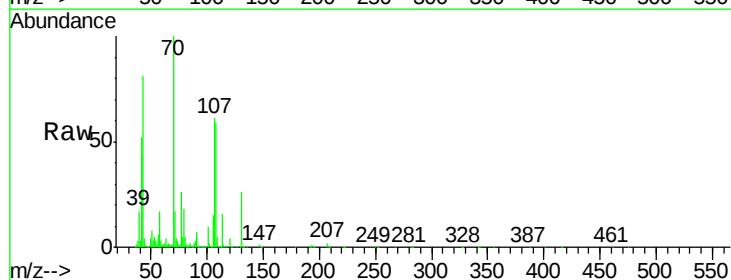


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

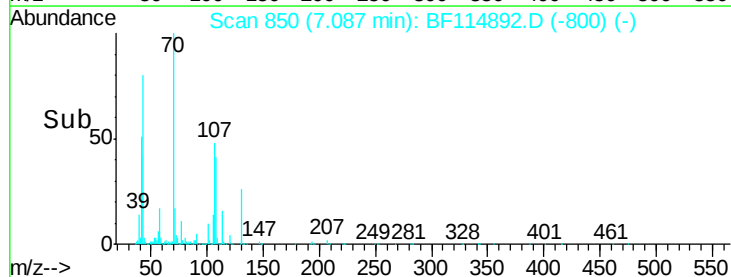
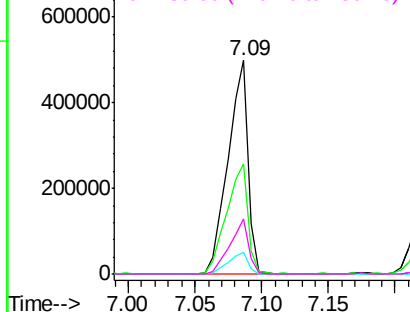


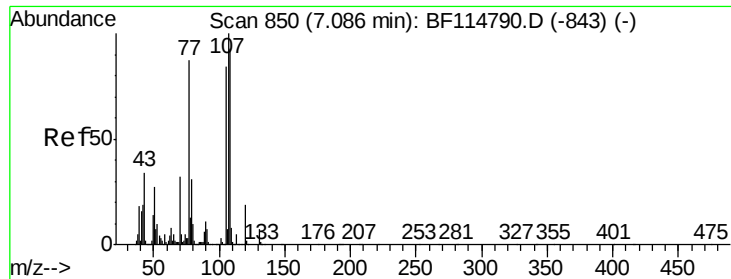
#19
n-Nitroso-di-n-propylamine
Concen: 41.438 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF114892.D
Acq: 7 Jun 2019 11:54

Tgt Ion: 70 Resp: 530716
Ion Ratio Lower Upper
70 100
42 51.7 41.8 62.8
101 10.5 8.2 12.4
130 25.5 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

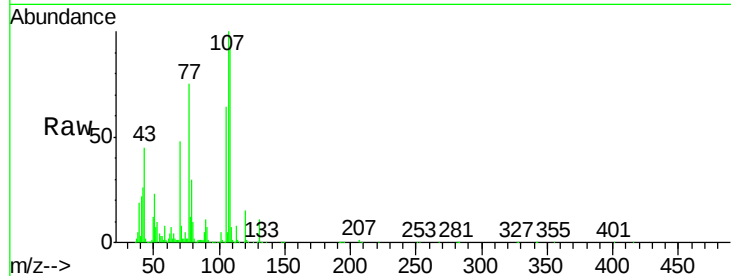




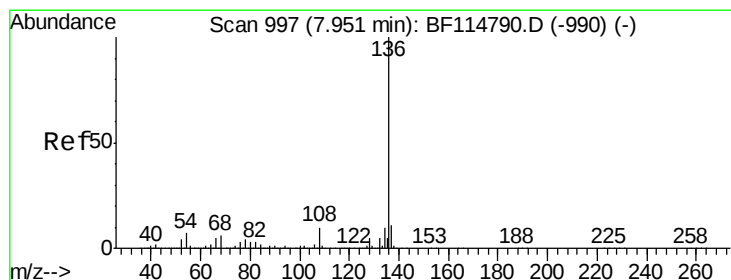
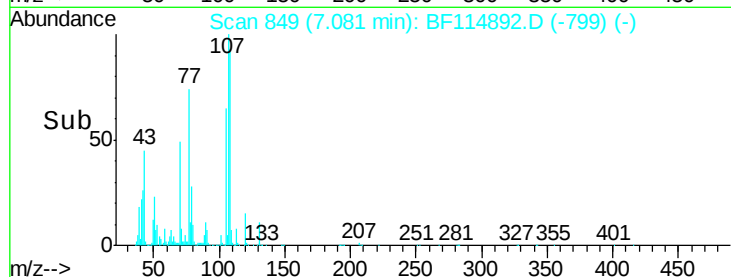
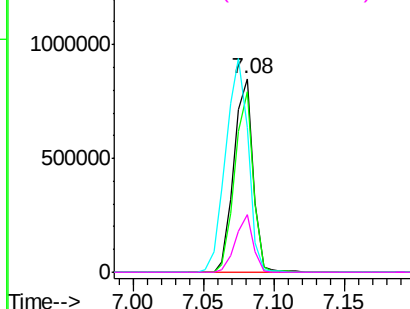
#20
3+4-Methylphenols
Concen: 46.489 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF114892.D
Acq: 7 Jun 2019 11:54

Instrument :
BNA_F
ClientSampleId :
RBR-200050MSD

Tot Ion:107	Resp:	805232
Ion Ratio	Lower	Upper
107	100	
108	93.1	73.5 113.5
77	74.7	67.2 107.2
79	30.0	10.6 50.6

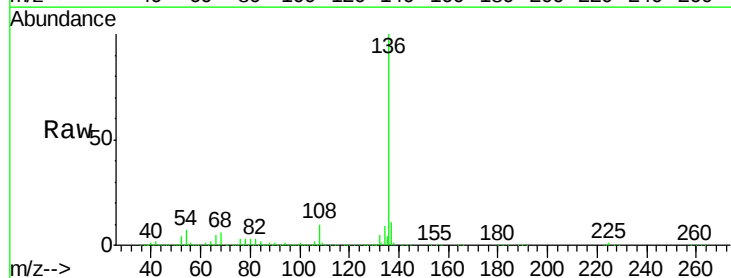


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

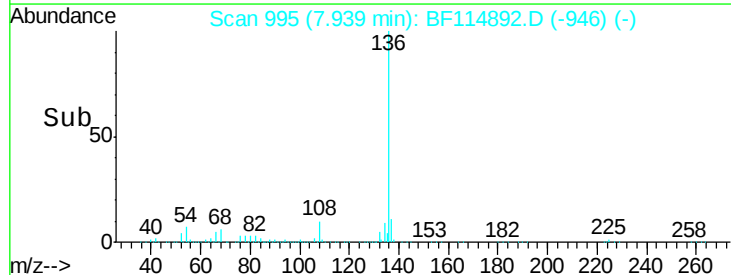
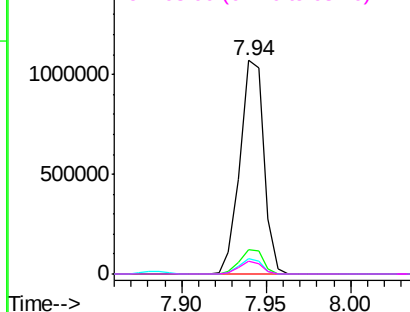


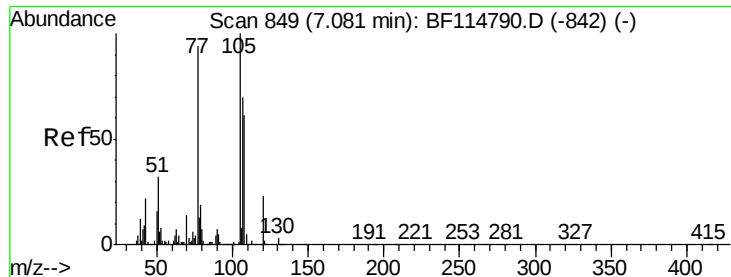
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF114892.D
Acq: 7 Jun 2019 11:54

Tgt Ion:136	Resp:	1061613
Ion Ratio	Lower	Upper
136	100	
137	11.5	9.1 13.7
54	7.2	5.4 8.0
68	6.1	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: 47.491 ng

RT: 7.07 min Scan# 848

Delta R.T. -0.01 min

Lab File: BF114892.D

Acq: 7 Jun 2019 11:54

Instrument :

BNA_F

ClientSampleId :

RBR-200050MSD

Tot Ion:105 Resp: 1110015

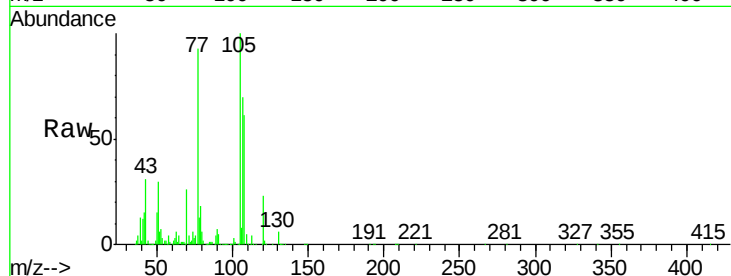
Ion Ratio Lower Upper

105 100

71 4.3 2.0 3.0#

51 30.4 25.4 38.0

120 23.5 18.7 28.1

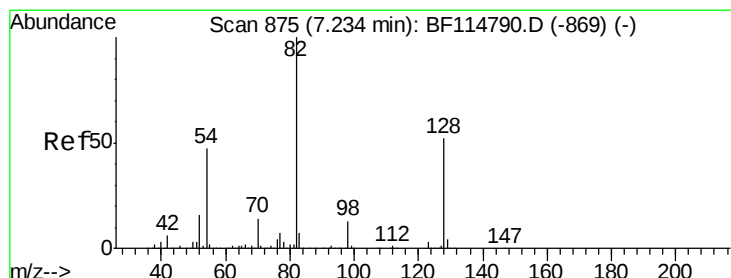
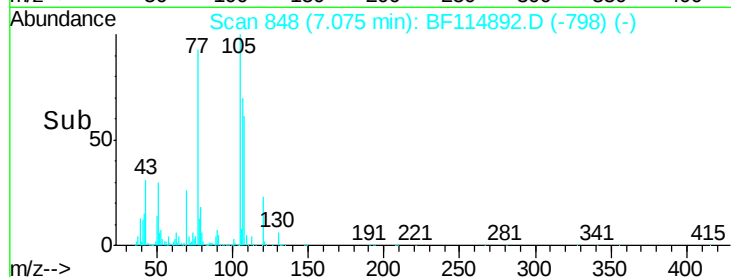
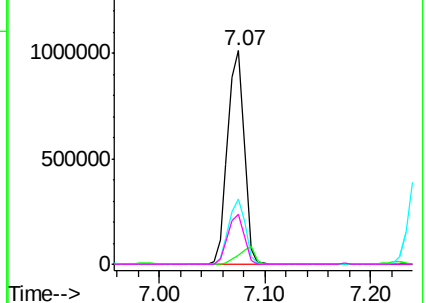


Abundance Ion 105.00 (104.70 to 105.70): E

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: 96.411 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF114892.D

Acq: 7 Jun 2019 11:54

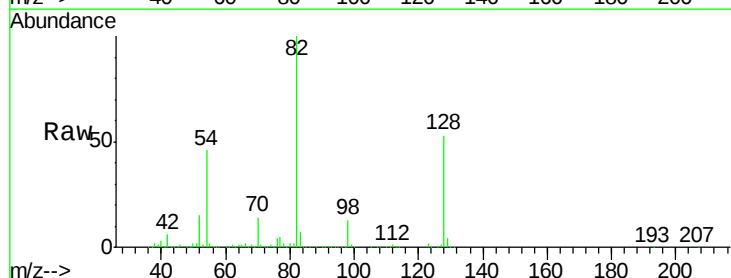
Tgt Ion: 82 Resp: 1662661

Ion Ratio Lower Upper

82 100

128 52.8 41.8 62.6

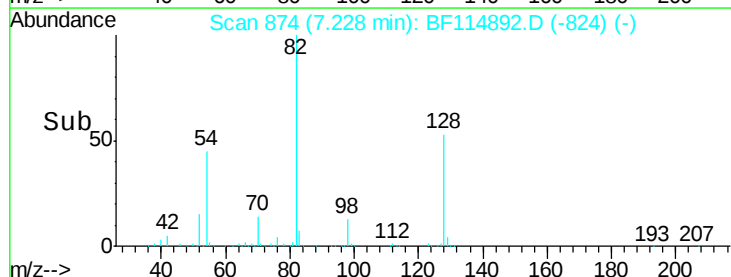
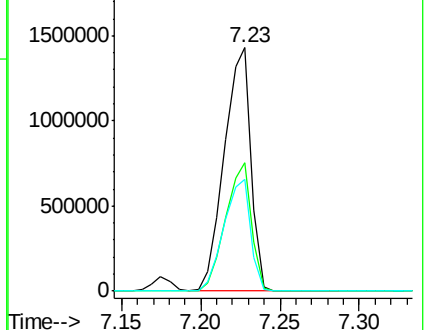
54 45.9 37.9 56.9

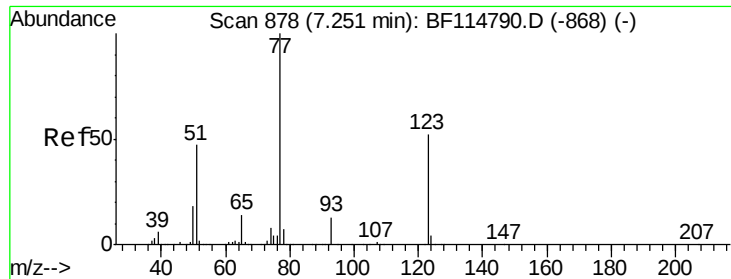


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

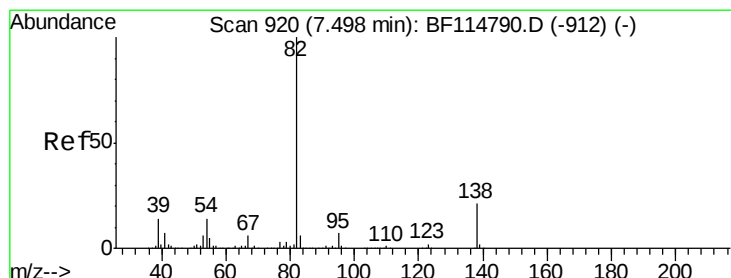
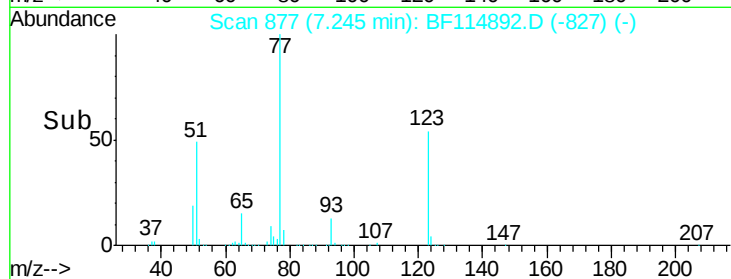
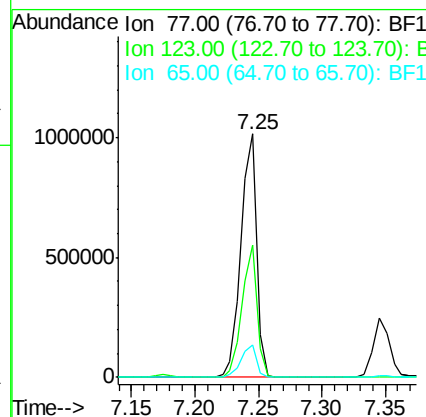
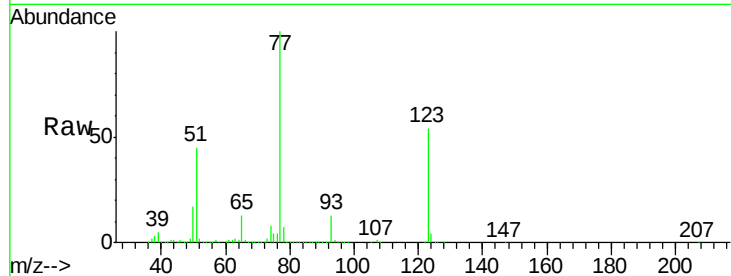




#24
Nitrobenzene
Concen: 48.140 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF114892.D
Acq: 7 Jun 2019 11:54

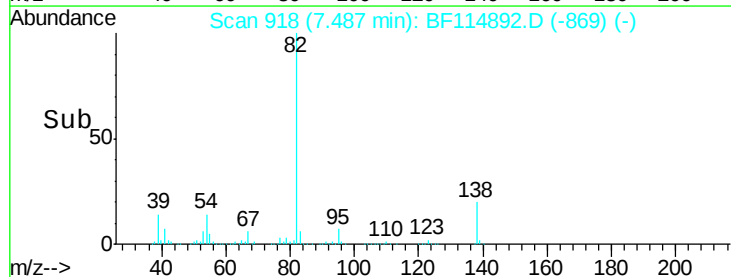
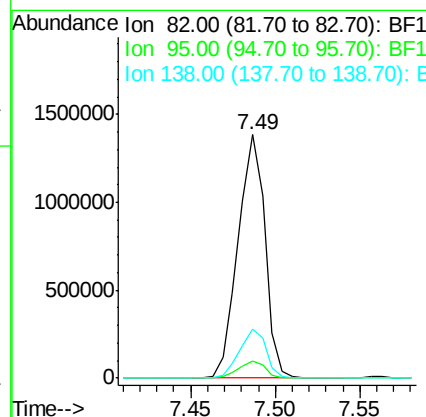
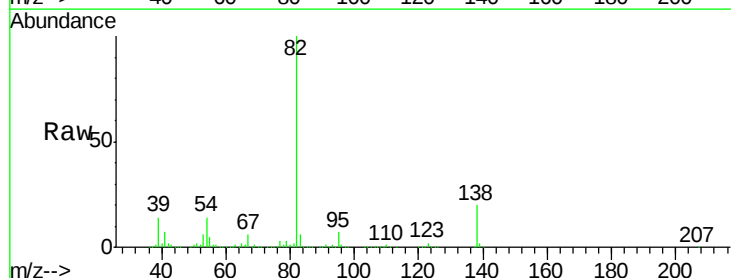
Instrument :
BNA_F
ClientSampleId :
RBR-200050MSD

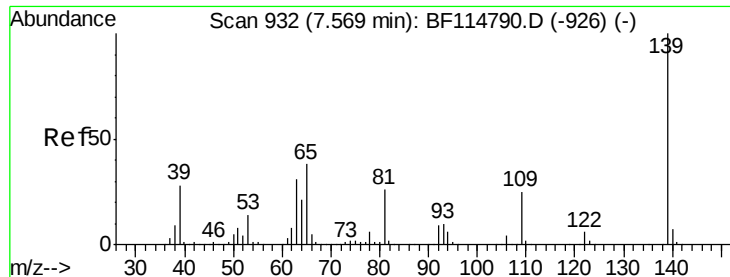
Tot Ion	77	Resp	860065
Ion Ratio	100	Lower	Upper
123	54.3	41.5	62.3
65	13.1	10.8	16.2



#25
Isophorone
Concen: 45.069 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.01 min
Lab File: BF114892.D
Acq: 7 Jun 2019 11:54

Tgt Ion	82	Resp	1536575
Ion Ratio	100	Lower	Upper
95	7.1	5.8	8.8
138	20.2	16.9	25.3

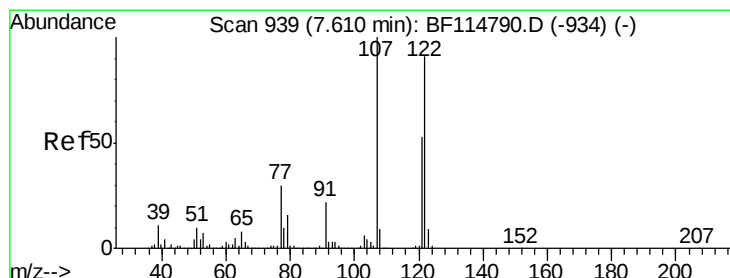
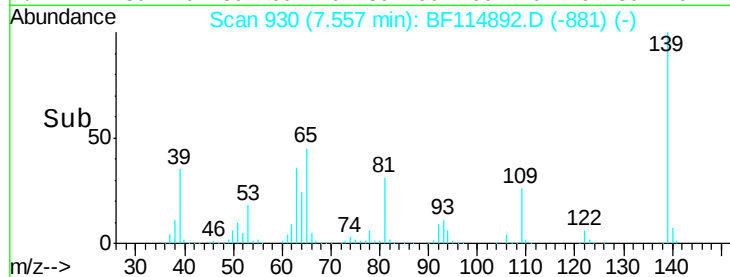
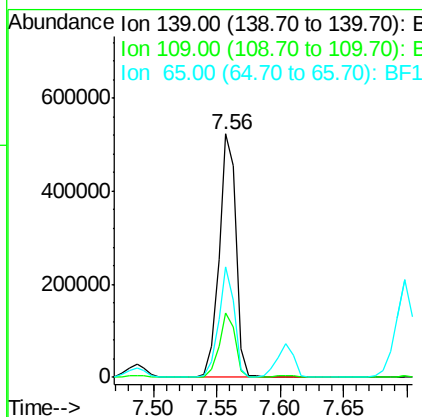
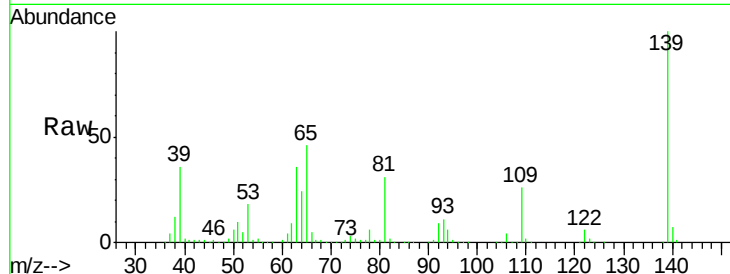




#26
2-Nitrophenol
Concen: 50.525 ng
RT: 7.56 min Scan# 930
Delta R.T. -0.01 min
Lab File: BF114892.D
Acq: 7 Jun 2019 11:54

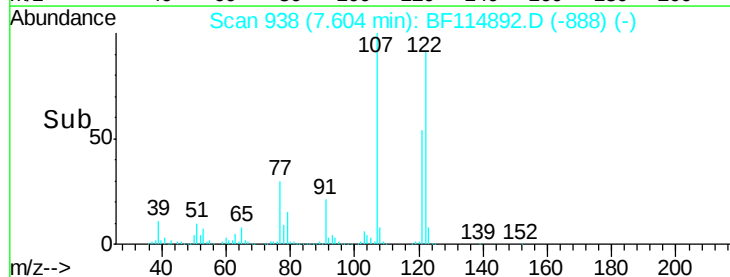
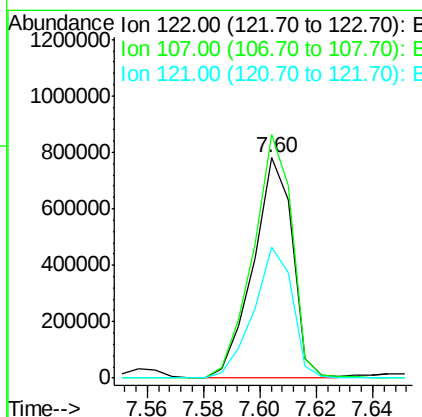
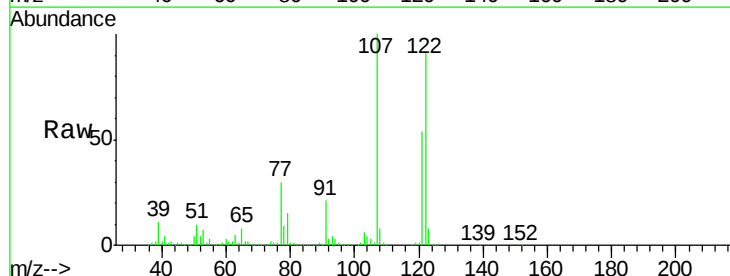
Instrument :
BNA_F
ClientSampleId :
RBR-200050MSD

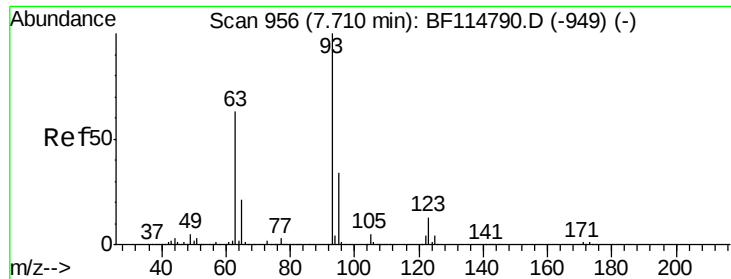
Tot Ion	Ratio	Lower	Upper
139	100		
109	26.3	20.4	30.6
65	45.5	30.5	45.7



#27
2,4-Dimethylphenol
Concen: 51.187 ng
RT: 7.60 min Scan# 938
Delta R.T. -0.01 min
Lab File: BF114892.D
Acq: 7 Jun 2019 11:54

Tgt Ion	Ratio	Lower	Upper
122	100		
107	110.4	87.9	131.9
121	59.3	46.4	69.6

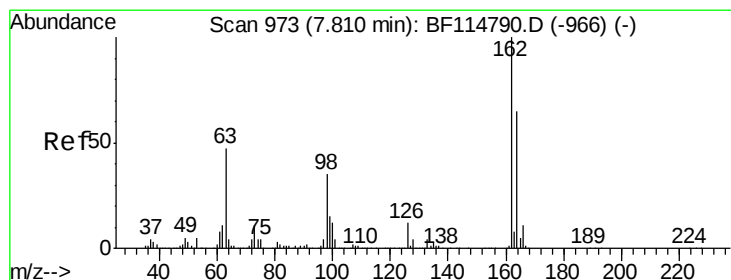
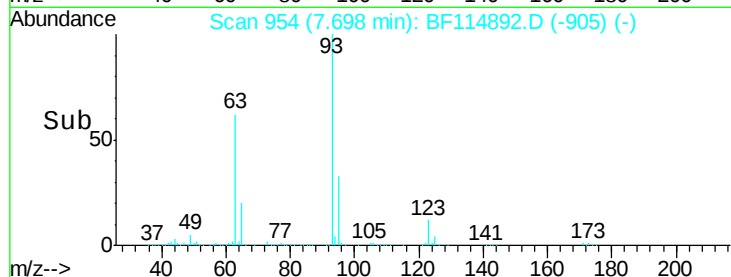
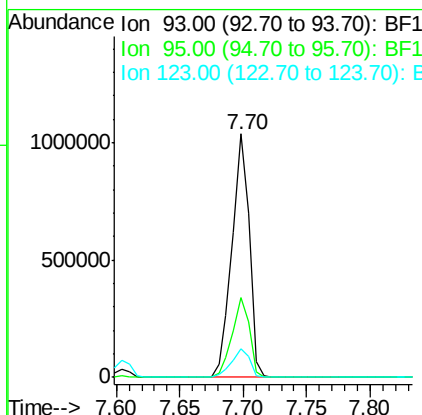
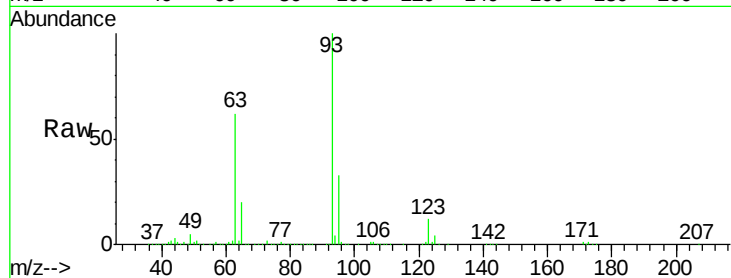




#28
 bis(2-Chloroethoxy)methane
 Concen: 44.637 ng
 RT: 7.70 min Scan# 954
 Delta R.T. -0.01 min
 Lab File: BF114892.D
 Acq: 7 Jun 2019 11:54

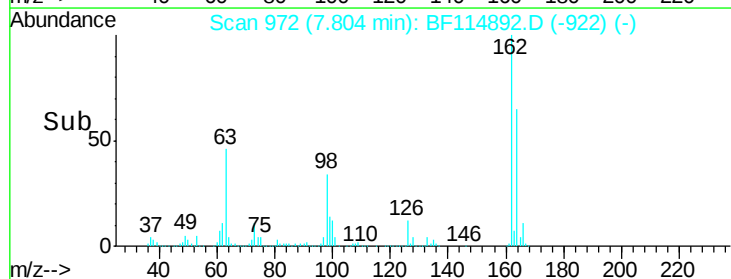
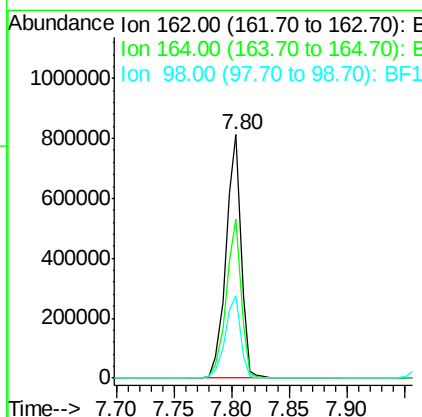
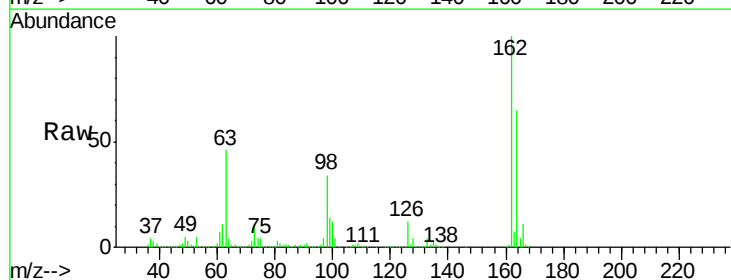
Instrument :
 BNA_F
 ClientSampleId :
 RBR-200050MSD

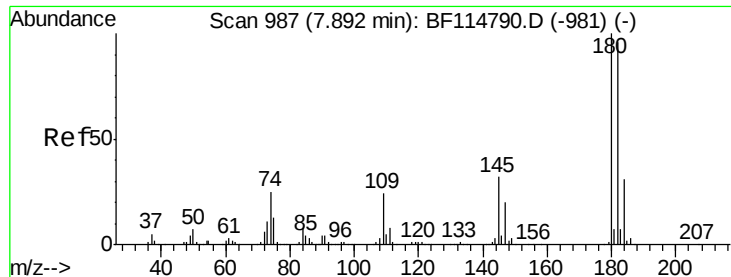
Tot Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.9	40.3
123	12.0	10.4	15.6



#29
 2,4-Dichlorophenol
 Concen: 47.664 ng
 RT: 7.80 min Scan# 972
 Delta R.T. -0.01 min
 Lab File: BF114892.D
 Acq: 7 Jun 2019 11:54

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.3	45.1	85.1
98	33.7	14.6	54.6

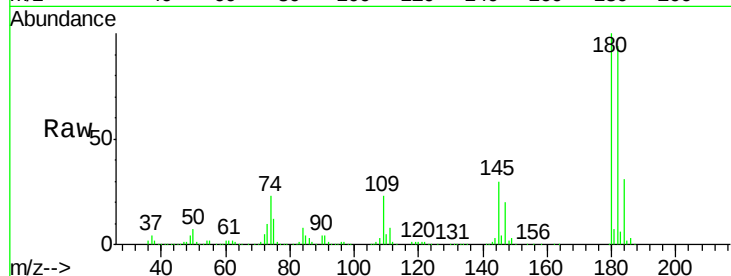




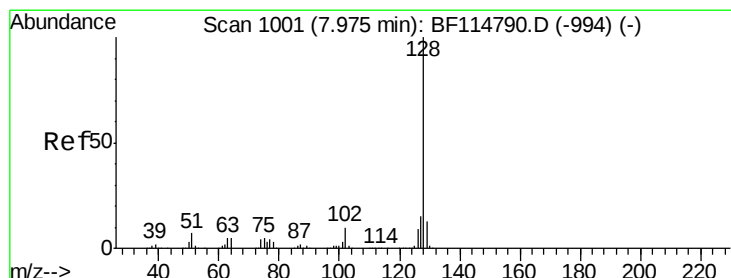
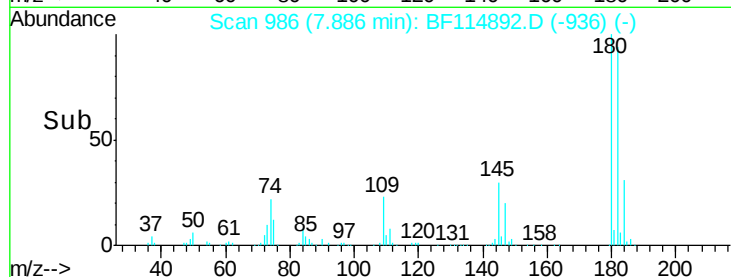
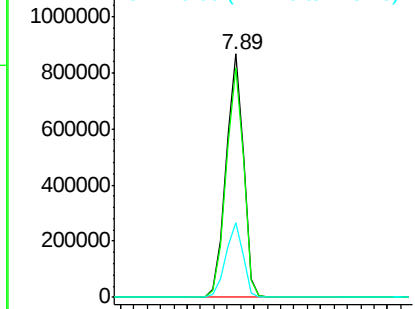
#30
 1,2,4-Trichlorobenzene
 Concen: 45.063 ng
 RT: 7.89 min Scan# 986
 Delta R.T. -0.01 min
 Lab File: BF114892.D
 Acq: 7 Jun 2019 11:54

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200050MSD

Tot Ion:180 Resp: 800051
 Ion Ratio Lower Upper
 180 100
 182 94.4 76.5 114.7
 145 30.5 25.8 38.8

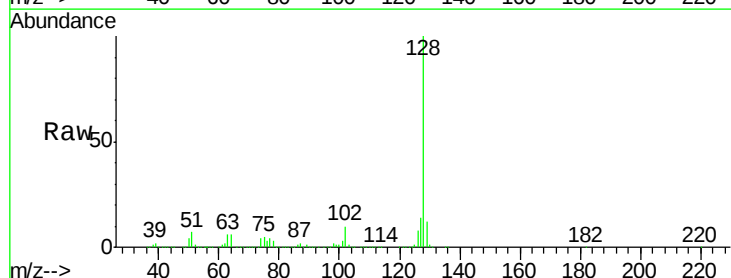


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

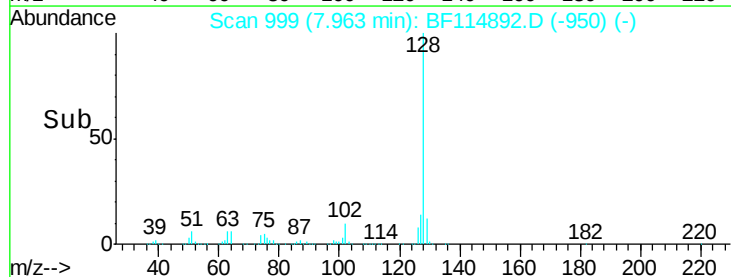
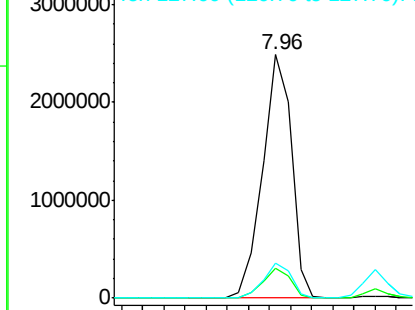


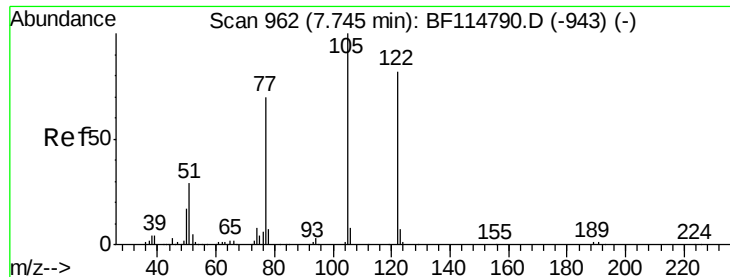
#31
 Naphthalene
 Concen: 49.717 ng
 RT: 7.96 min Scan# 999
 Delta R.T. -0.01 min
 Lab File: BF114892.D
 Acq: 7 Jun 2019 11:54

Tgt Ion:128 Resp: 2376199
 Ion Ratio Lower Upper
 128 100
 129 12.4 10.0 15.0
 127 14.5 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: 11.792 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.05 min

Lab File: BF114892.D

Acq: 7 Jun 2019 11:54

Instrument :

BNA_F

ClientSampleId :

RBR-200050MSD

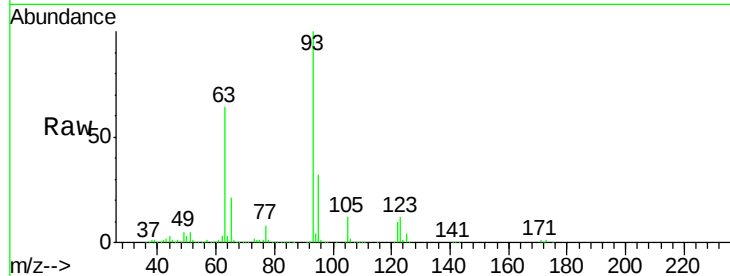
Tot Ion:122 Resp: 126318

Ion Ratio Lower Upper

122 100

105 115.2 98.7 138.7

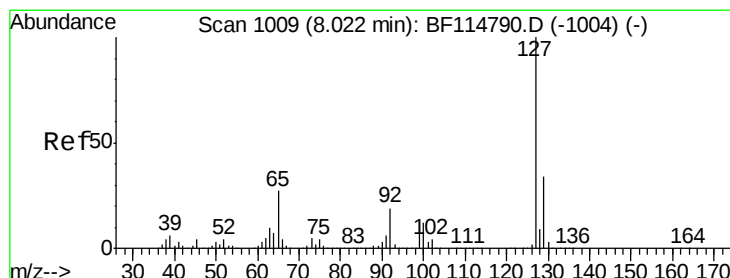
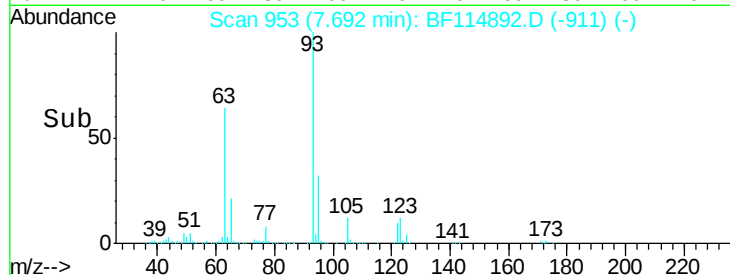
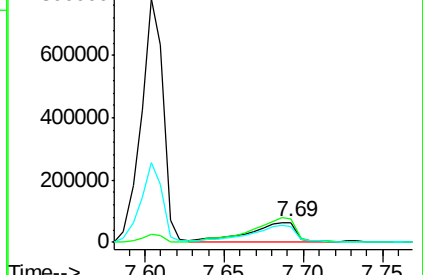
77 80.8 64.8 104.8



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: 11.067 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF114892.D

Acq: 7 Jun 2019 11:54

Tgt Ion:127 Resp: 252326

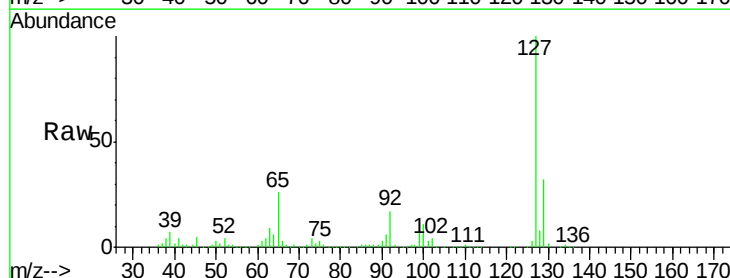
Ion Ratio Lower Upper

127 100

129 32.4 26.9 40.3

65 26.3 21.7 32.5

92 17.1 14.8 22.2

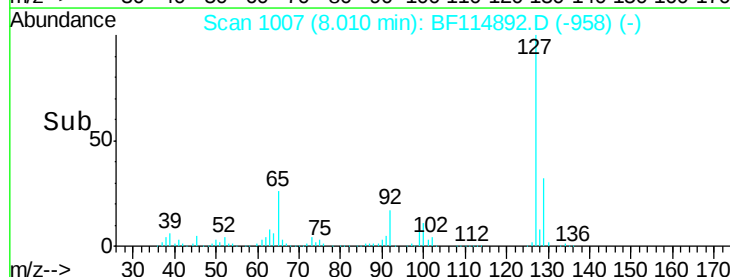
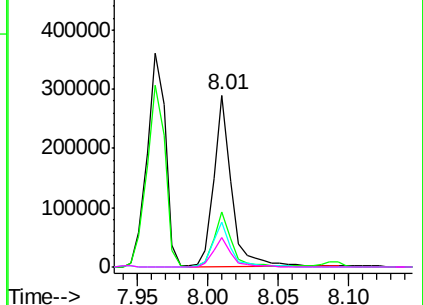


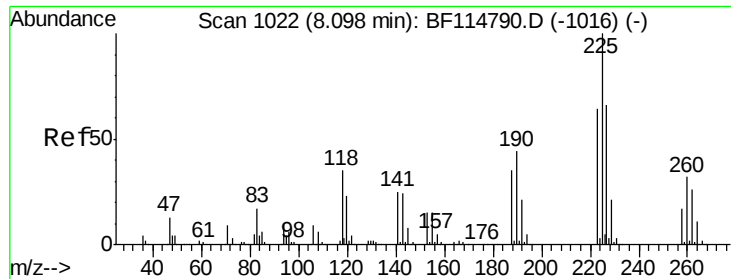
Abundance Ion 127.00 (126.70 to 127.70): E

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

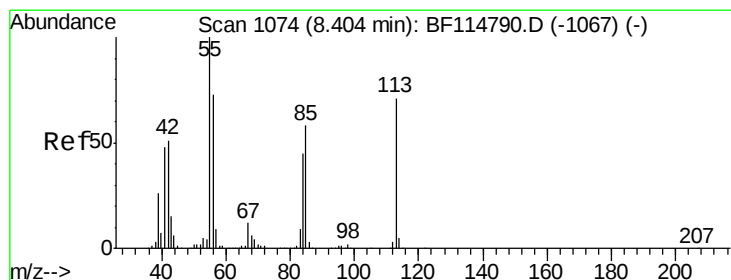
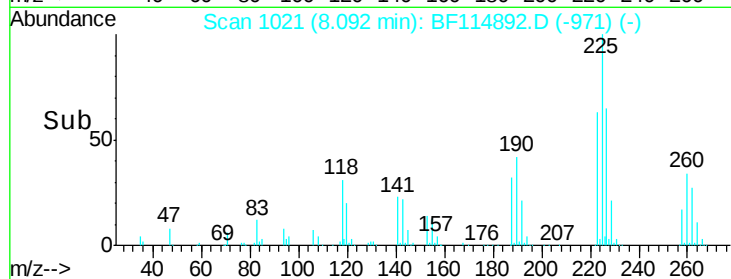
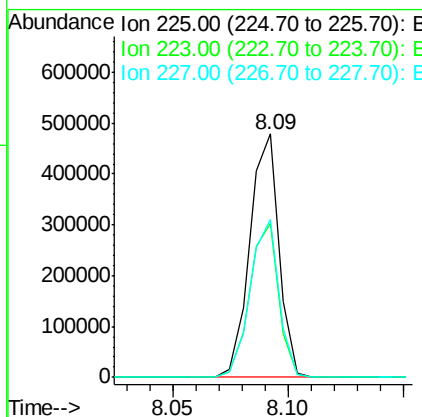
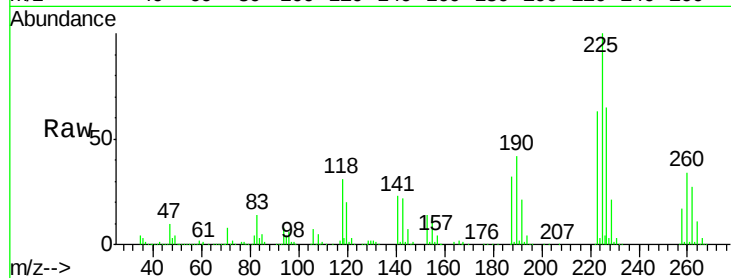




#34
Hexachlorobutadiene
Concen: 41.746 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF114892.D
Acq: 7 Jun 2019 11:54

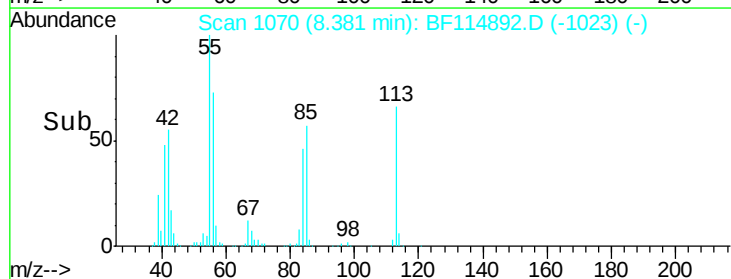
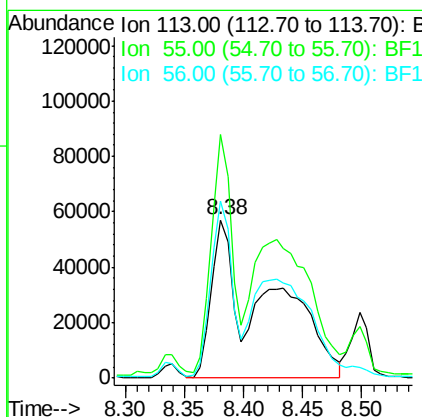
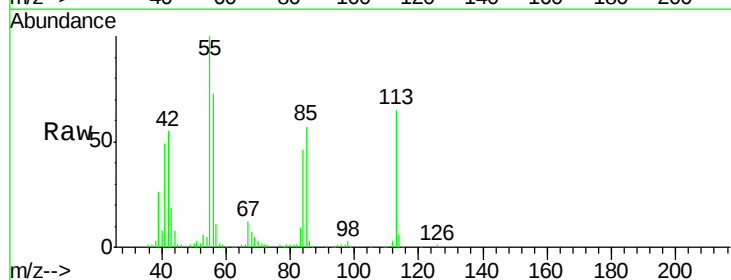
Instrument :
BNA_F
ClientSampleId :
RBR-200050MSD

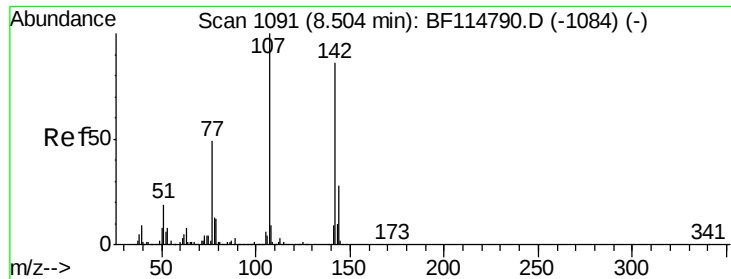
Tot Ion	Ratio	Lower	Upper
225	100		
223	63.1	51.0	76.6
227	64.6	52.6	78.8



#35
Caprolactam
Concen: 36.635 ng m
RT: 8.38 min Scan# 1070
Delta R.T. -0.02 min
Lab File: BF114892.D
Acq: 7 Jun 2019 11:54

Tgt Ion	Ratio	Lower	Upper
113	100		
55	154.0	121.1	161.1
56	111.7	82.6	122.6

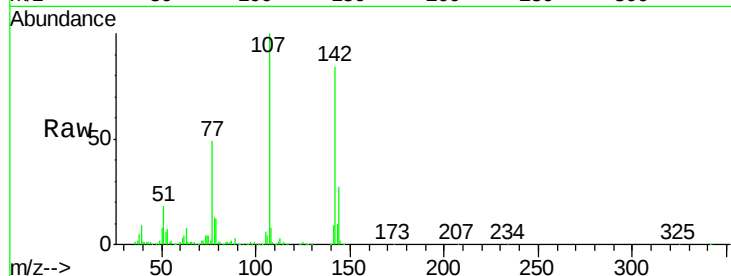




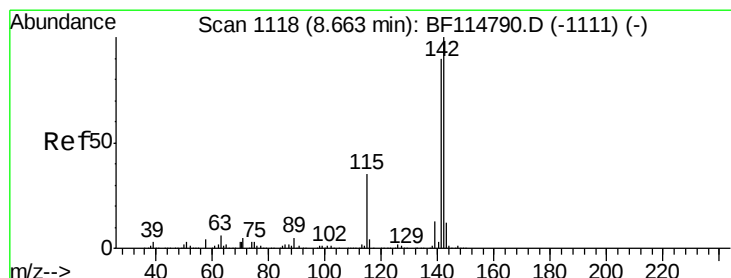
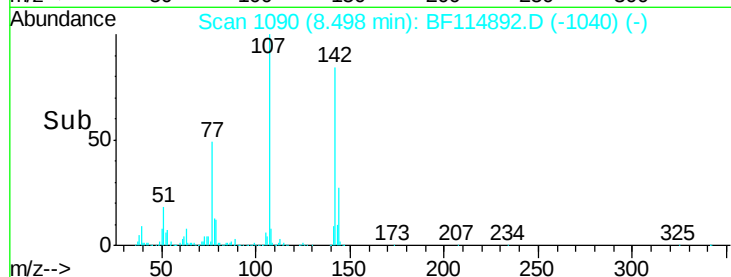
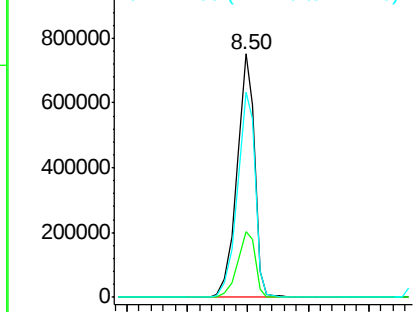
#36
4-Chloro-3-methylphenol
Concen: 49.430 ng
RT: 8.50 min Scan# 1090
Delta R.T. -0.01 min
Lab File: BF114892.D
Acq: 7 Jun 2019 11:54

Instrument :
BNA_F
ClientSampleId :
RBR-200050MSD

Tot Ion:107 Resp: 761073
Ion Ratio Lower Upper
107 100
144 27.0 22.1 33.1
142 84.3 68.4 102.6

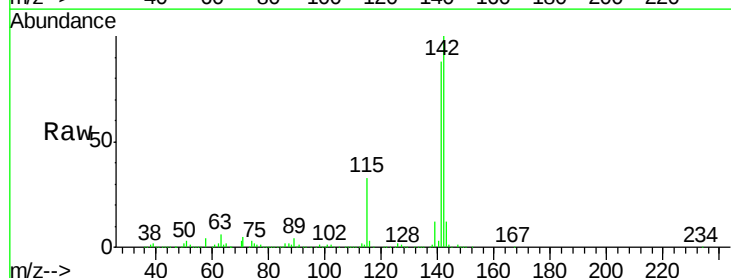


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

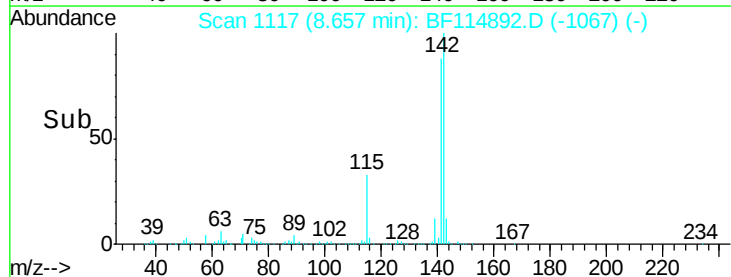
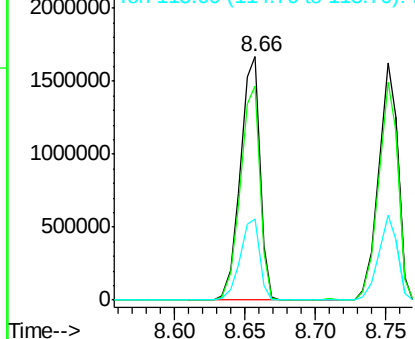


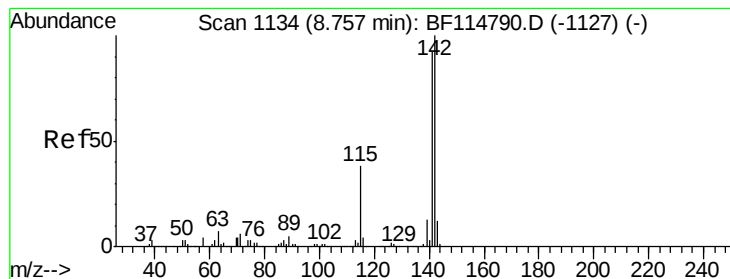
#37
2-Methylnaphthalene
Concen: 48.647 ng
RT: 8.66 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BF114892.D
Acq: 7 Jun 2019 11:54

Tgt Ion:142 Resp: 1612693
Ion Ratio Lower Upper
142 100
141 87.8 71.6 107.4
115 33.1 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: 49.027 ng

RT: 8.75 min Scan# 1133

Delta R.T. -0.01 min

Lab File: BF114892.D

Acq: 7 Jun 2019 11:54

Instrument :

BNA_F

ClientSampleId :

RBR-200050MSD

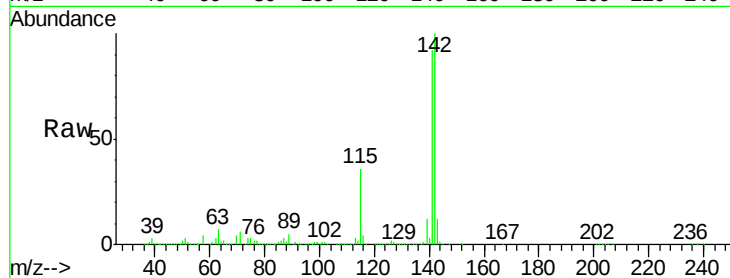
Tot Ion:142 Resp: 1541321

Ion Ratio Lower Upper

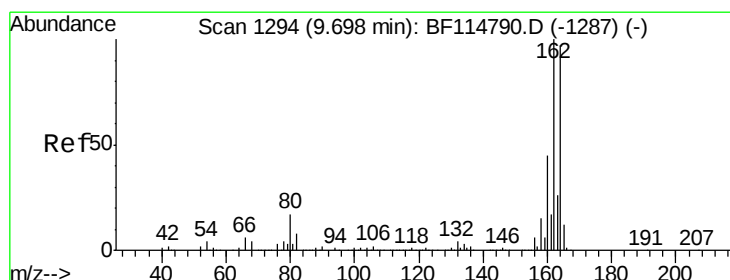
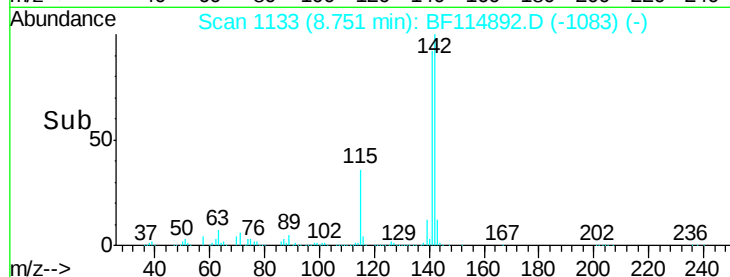
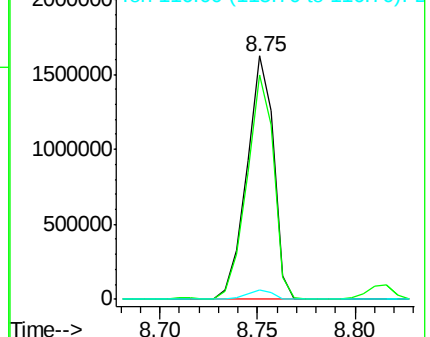
142 100

141 91.9 73.8 110.6

116 3.7 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: BF114892.D

Acq: 7 Jun 2019 11:54

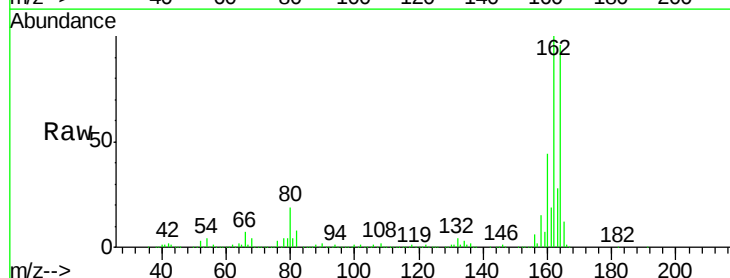
Tgt Ion:164 Resp: 520366

Ion Ratio Lower Upper

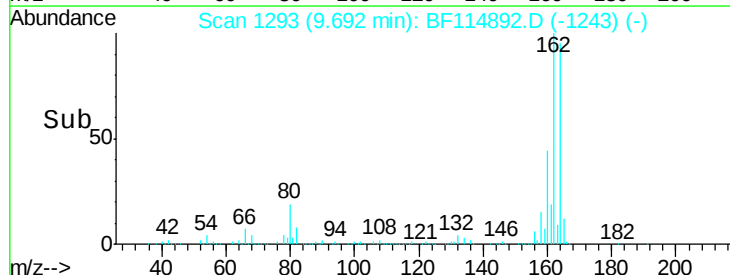
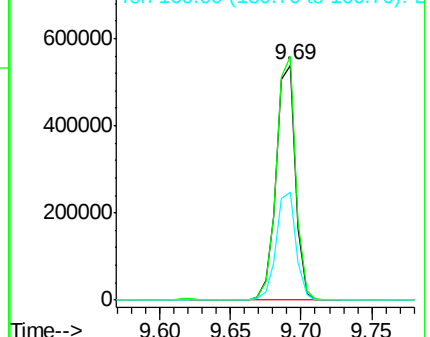
164 100

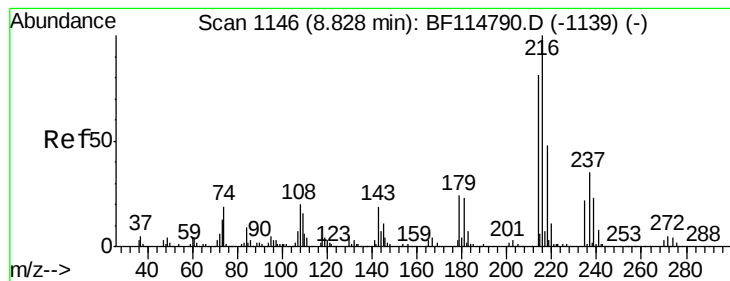
162 103.6 82.3 123.5

160 45.9 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: 46.517 ng

RT: 8.82 min Scan# 1145

Delta R.T. -0.01 min

Lab File: BF114892.D

Acq: 7 Jun 2019 11:54

Instrument :

BNA_F

ClientSampleId :

RBR-200050MSD

Tot Ion:216 Resp: 697570

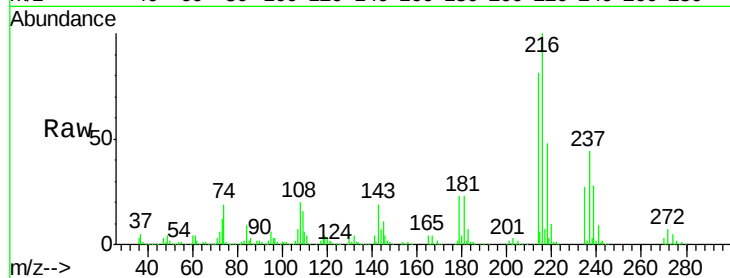
Ion Ratio Lower Upper

216 100

214 79.2 63.4 95.2

179 22.0 18.3 27.5

108 20.7 15.5 23.3

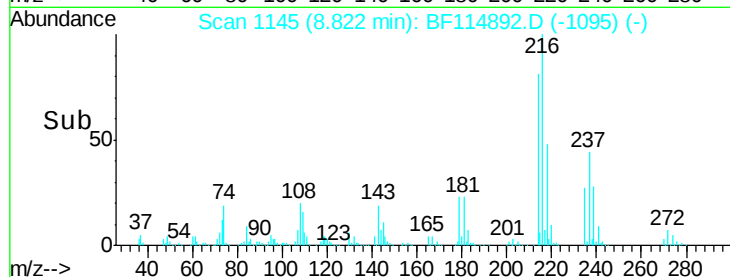


Abundance Ion 216.00 (215.70 to 216.70): E

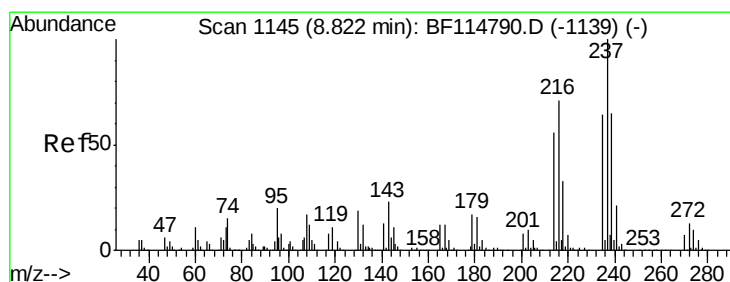
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#41

Hexachlorocyclopentadiene

Concen: 79.728 ng

RT: 8.82 min Scan# 1144

Delta R.T. -0.01 min

Lab File: BF114892.D

Acq: 7 Jun 2019 11:54

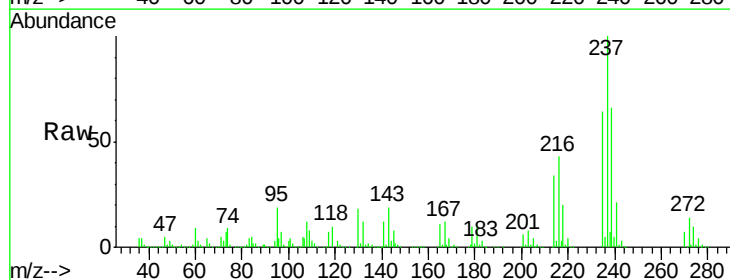
Tgt Ion:237 Resp: 725127

Ion Ratio Lower Upper

237 100

235 64.0 44.0 84.0

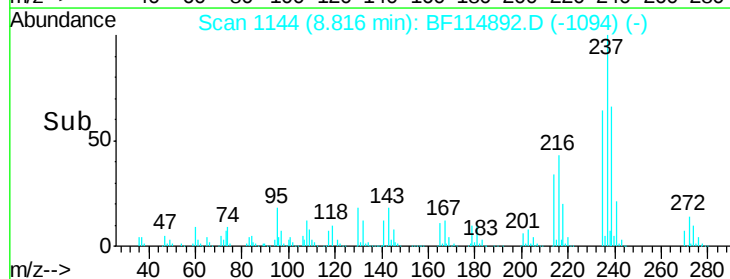
272 13.6 0.0 33.4



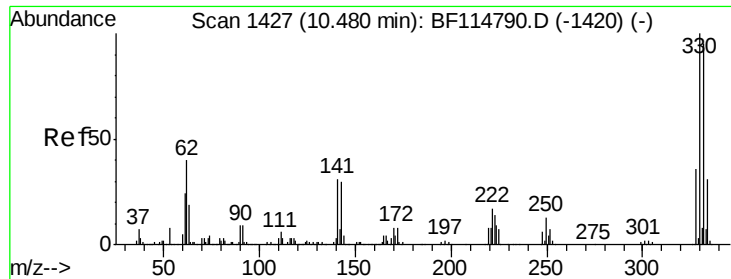
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->



#42

2,4,6-Tribromophenol

Concen: 140.018 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.01 min

Lab File: BF114892.D

Acq: 7 Jun 2019 11:54

Instrument :

BNA_F

ClientSampleId :

RBR-200050MSD

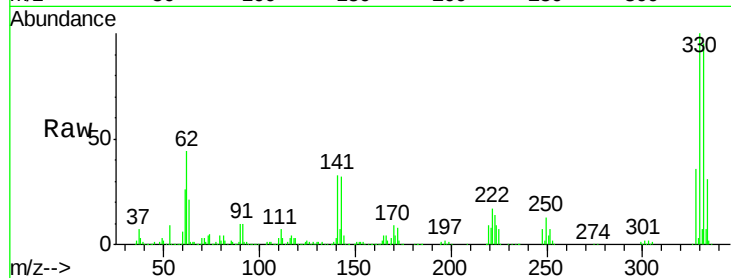
Tot Ion:330 Resp: 785187

Ion Ratio Lower Upper

330 100

332 95.7 77.3 115.9

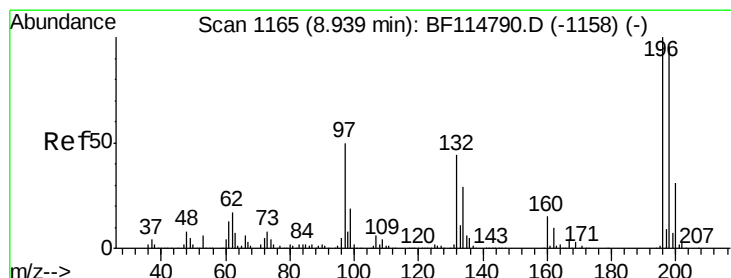
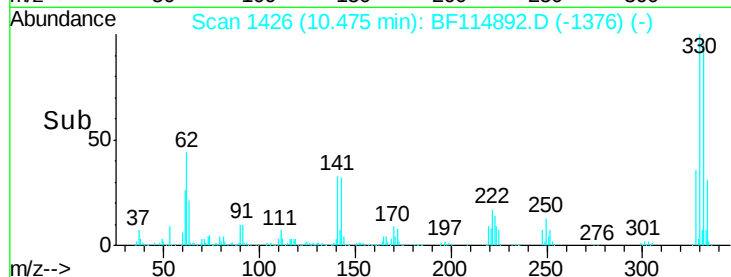
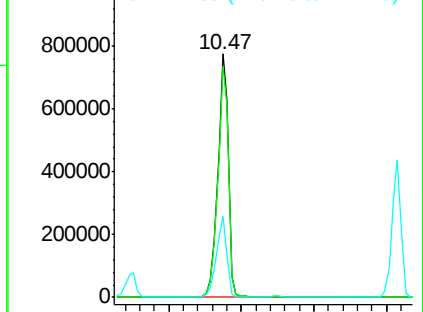
141 33.0 26.2 39.4



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#43

2,4,6-Trichlorophenol

Concen: 46.468 ng

RT: 8.93 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BF114892.D

Acq: 7 Jun 2019 11:54

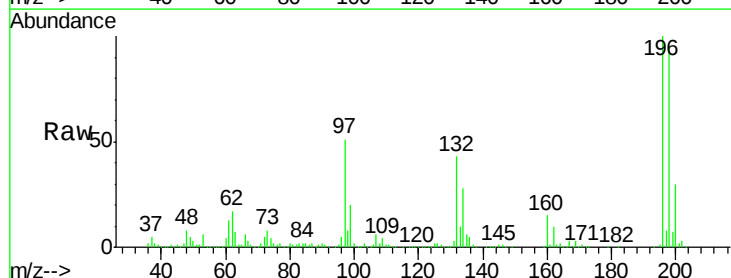
Tgt Ion:196 Resp: 541851

Ion Ratio Lower Upper

196 100

198 96.0 77.1 115.7

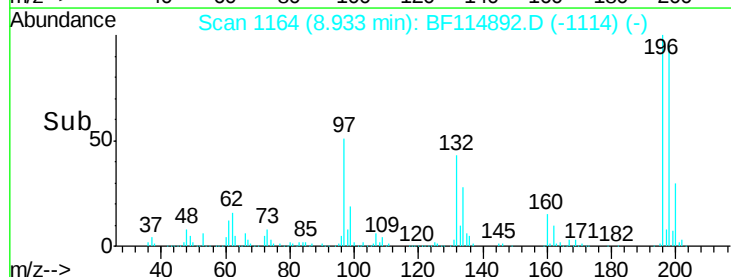
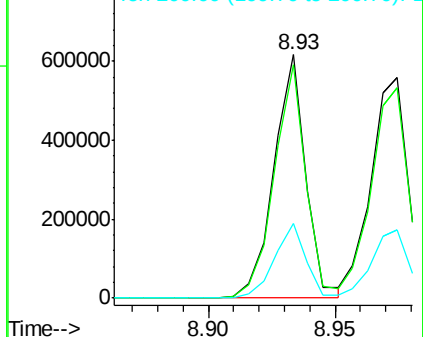
200 30.5 24.6 36.8

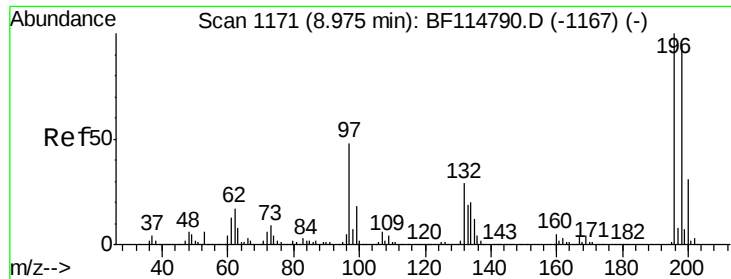


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

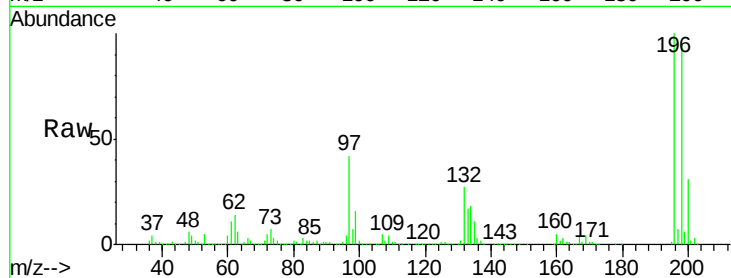




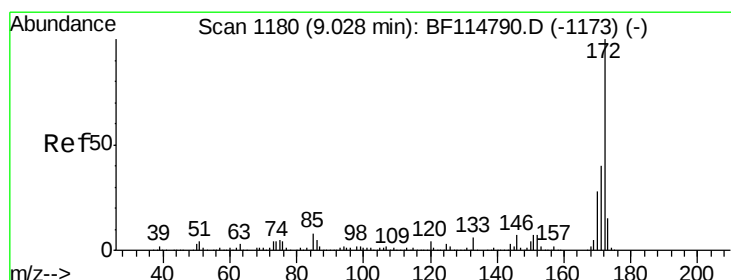
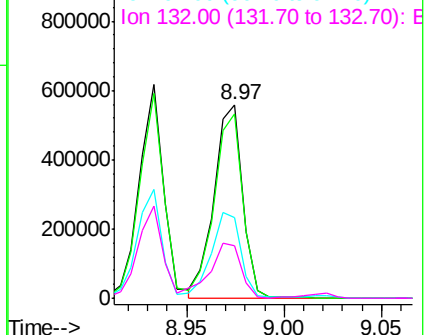
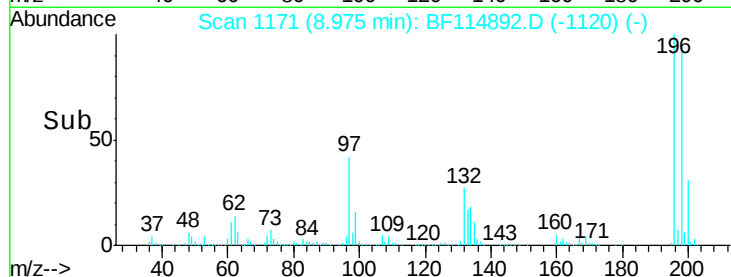
#44
 2,4,5-Trichlorophenol
 Concen: 48.532 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. 0.00 min
 Lab File: BF114892.D
 Acq: 7 Jun 2019 11:54

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200050MSD

Tot Ion:196 Resp: 569944
 Ion Ratio Lower Upper
 196 100
 198 94.9 76.2 114.4
 97 41.7 38.2 57.4
 132 27.2 23.7 35.5

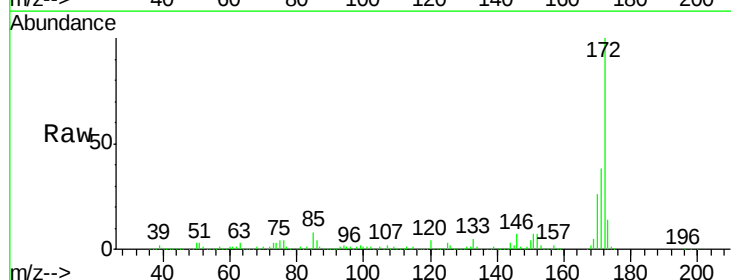


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

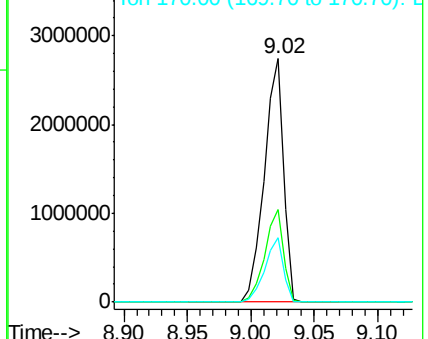
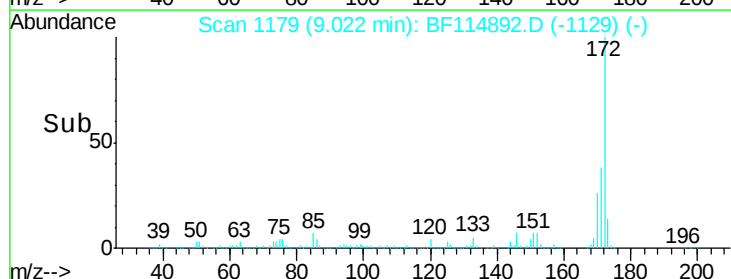


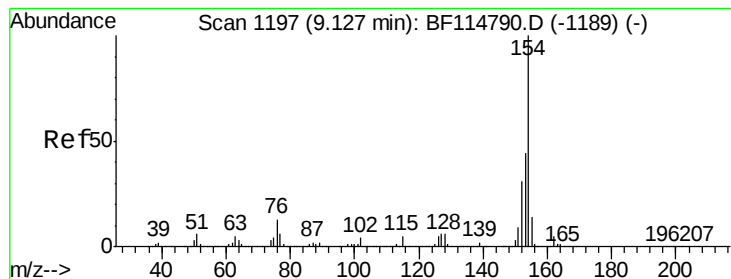
#45
 2-Fluorobiphenyl
 Concen: 104.832 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF114892.D
 Acq: 7 Jun 2019 11:54

Tgt Ion:172 Resp: 2912081
 Ion Ratio Lower Upper
 172 100
 171 38.3 32.3 48.5
 170 26.5 22.4 33.6



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





#46

1,1'-Biphenyl

Concen: 49.272 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BF114892.D

Acq: 7 Jun 2019 11:54

Instrument :

BNA_F

ClientSampleId :

RBR-200050MSD

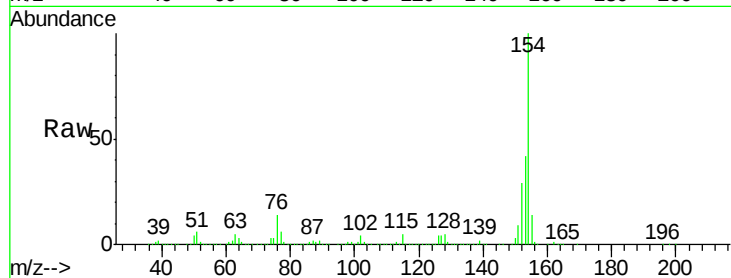
Tot Ion:154 Resp: 1900270

Ion Ratio Lower Upper

154 100

153 42.2 23.9 63.9

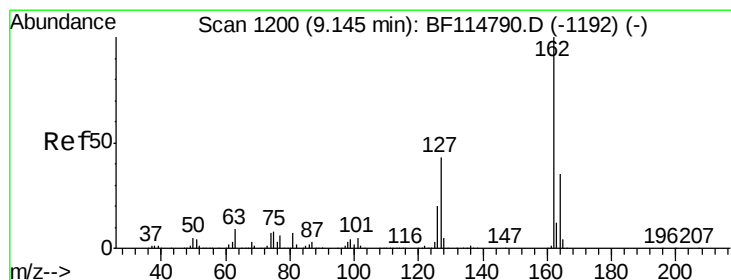
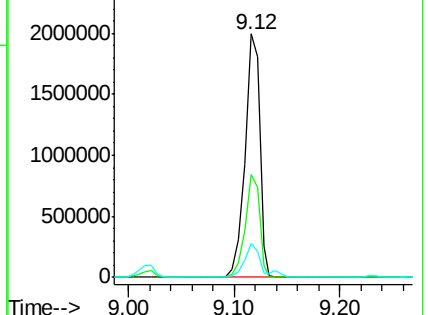
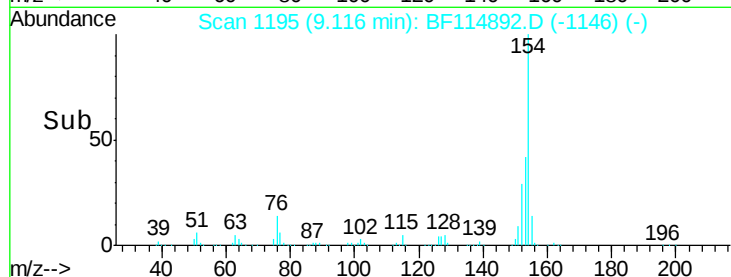
76 14.0 0.0 33.2



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: 47.054 ng

RT: 9.14 min Scan# 1199

Delta R.T. -0.01 min

Lab File: BF114892.D

Acq: 7 Jun 2019 11:54

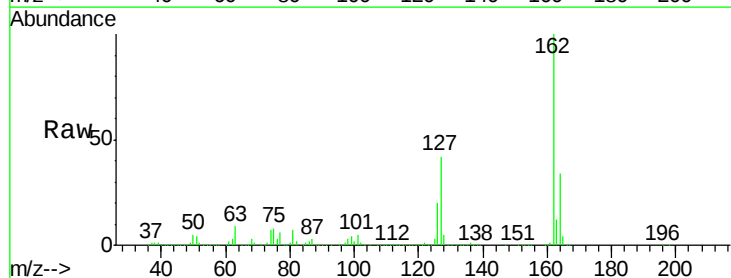
Tgt Ion:162 Resp: 1542023

Ion Ratio Lower Upper

162 100

127 41.6 34.6 51.8

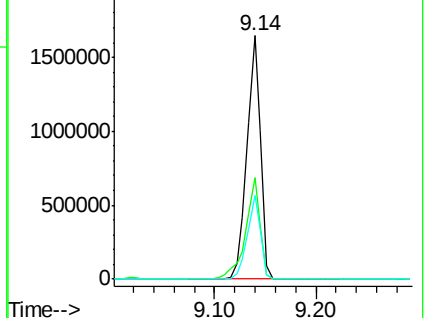
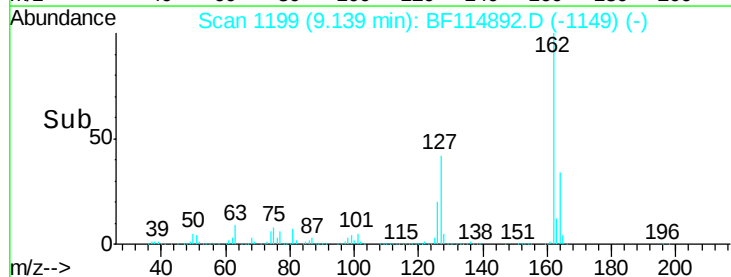
164 34.1 27.8 41.8

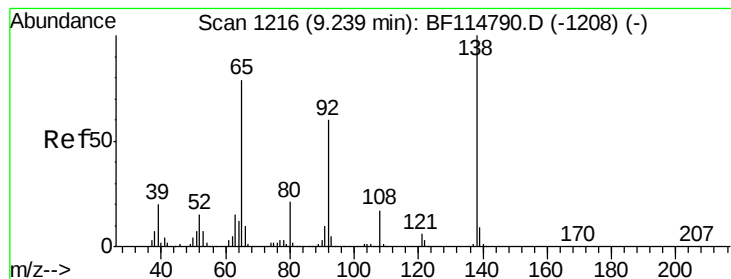


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#48

2-Nitroaniline

Concen: 47.465 ng

RT: 9.23 min Scan# 1215

Delta R.T. -0.01 min

Lab File: BF114892.D

Acq: 7 Jun 2019 11:54

Instrument :

BNA_F

ClientSampleId :

RBR-200050MSD

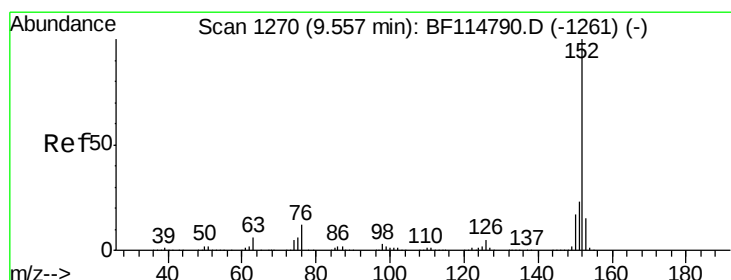
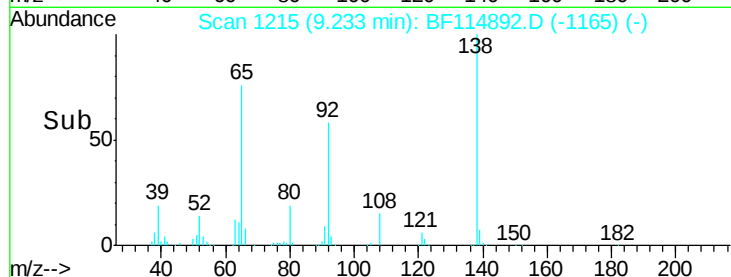
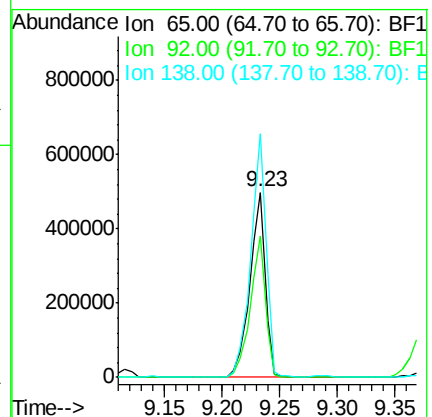
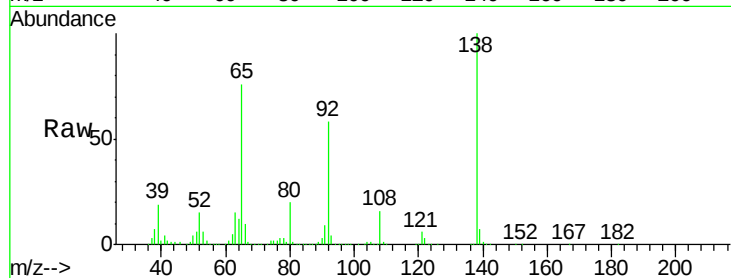
Tot Ion: 65 Resp: 464187

Ion Ratio Lower Upper

65 100

92 76.2 60.4 90.6

138 131.5 101.2 151.8



#49

Acenaphthylene

Concen: 50.222 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BF114892.D

Acq: 7 Jun 2019 11:54

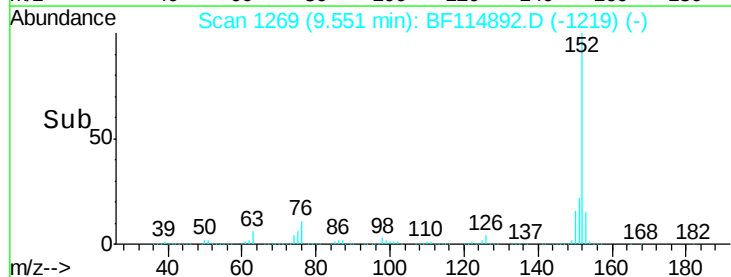
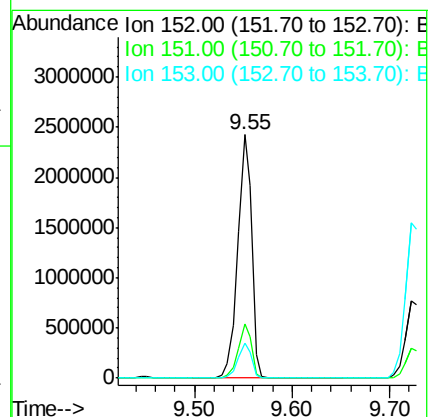
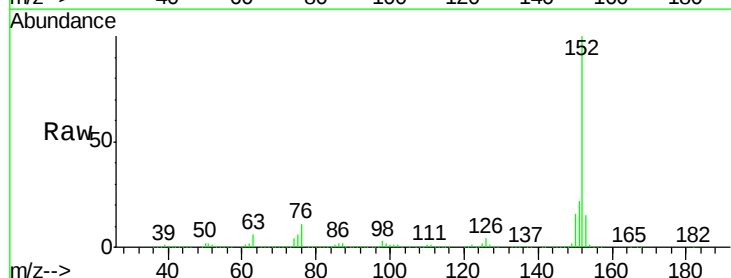
Tgt Ion: 152 Resp: 2386732

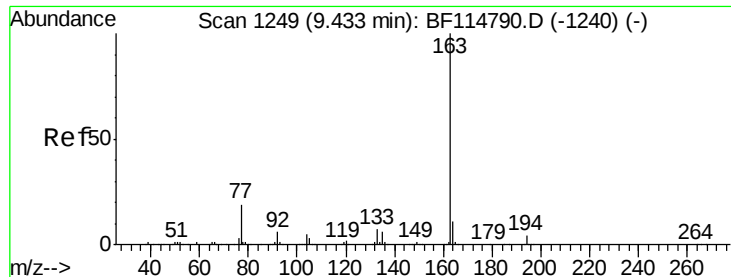
Ion Ratio Lower Upper

152 100

151 22.1 18.3 27.5

153 14.5 12.3 18.5





#50

Dimethylphthalate

Concen: 56.633 ng

RT: 9.42 min Scan# 1247

Delta R.T. -0.01 min

Lab File: BF114892.D

Acq: 7 Jun 2019 11:54

Instrument :

BNA_F

ClientSampleId :

RBR-200050MSD

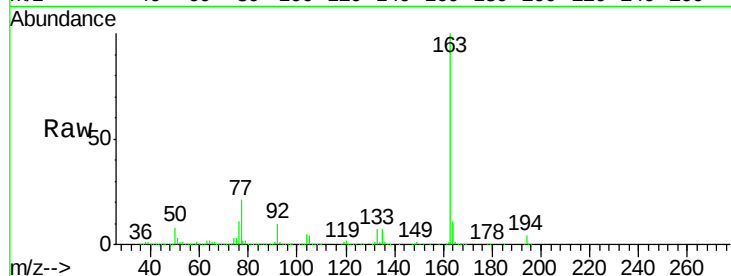
Tot Ion:163 Resp: 2152383

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.2

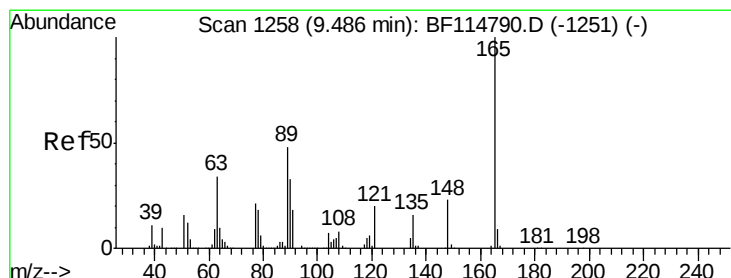
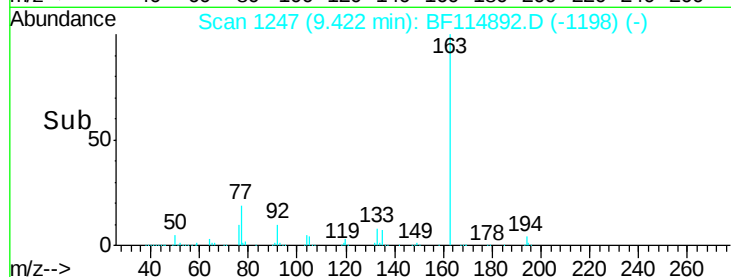
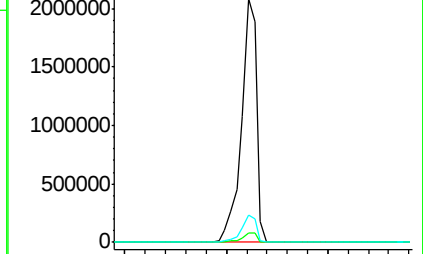
164 11.2 8.6 13.0



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: 48.395 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BF114892.D

Acq: 7 Jun 2019 11:54

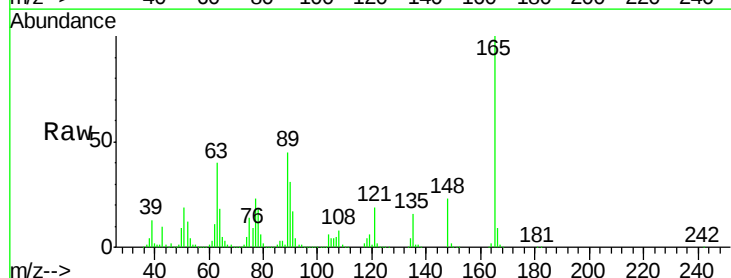
Tgt Ion:165 Resp: 432555

Ion Ratio Lower Upper

165 100

63 40.1 35.1 52.7

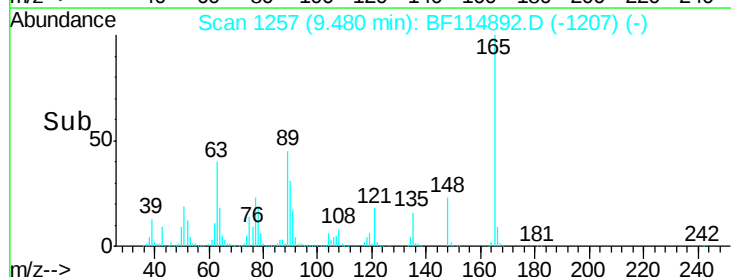
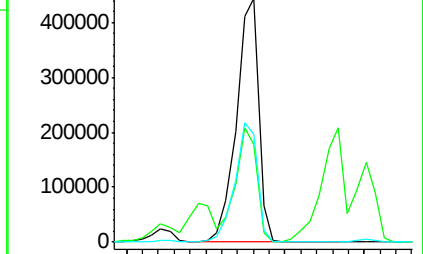
89 44.5 38.2 57.2

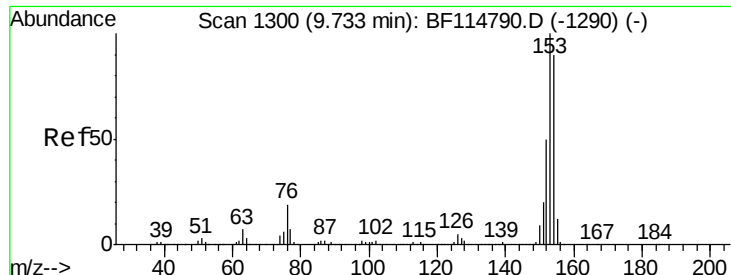


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#52

Acenaphthene

Concen: 45.736 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BF114892.D

Acq: 7 Jun 2019 11:54

Instrument :

BNA_F

ClientSampleId :

RBR-200050MSD

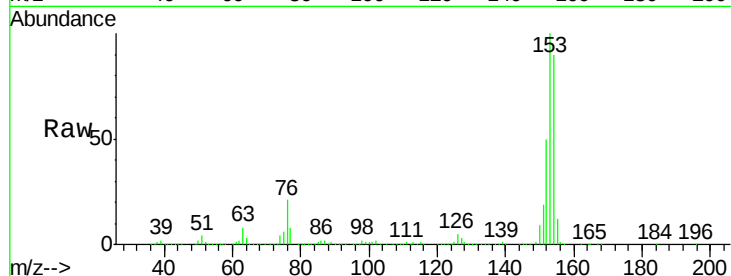
Tot Ion:154 Resp: 1423812

Ion Ratio Lower Upper

154 100

153 110.6 88.5 132.7

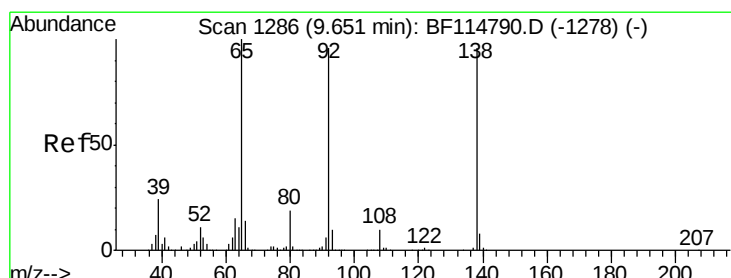
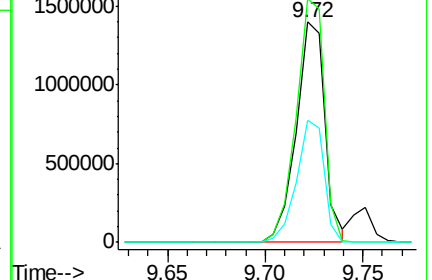
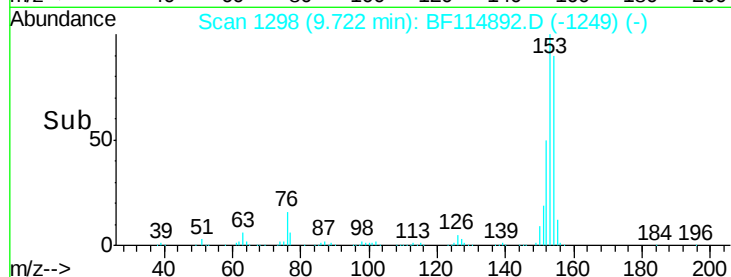
152 55.2 44.1 66.1



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: 27.867 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF114892.D

Acq: 7 Jun 2019 11:54

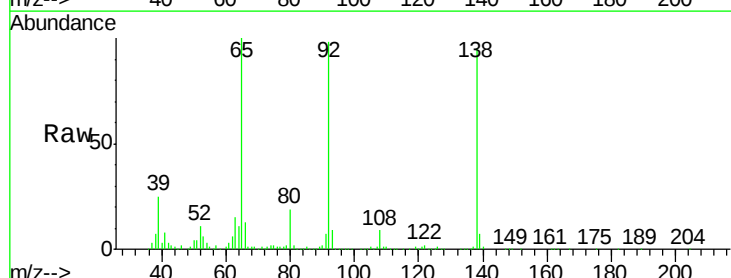
Tgt Ion:138 Resp: 290974

Ion Ratio Lower Upper

138 100

108 10.0 7.9 11.9

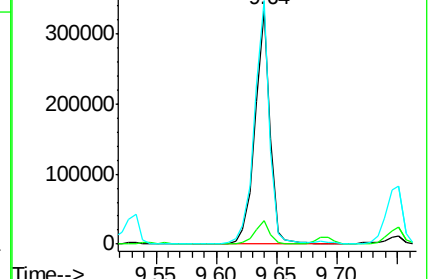
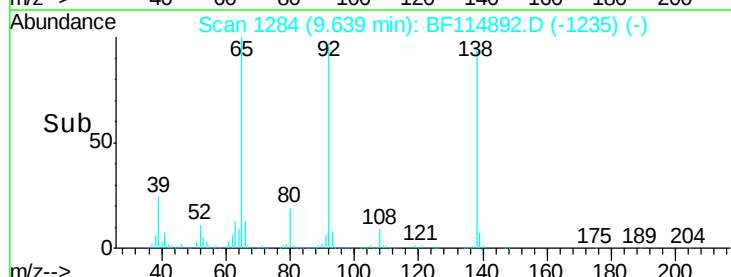
92 104.1 79.9 119.9

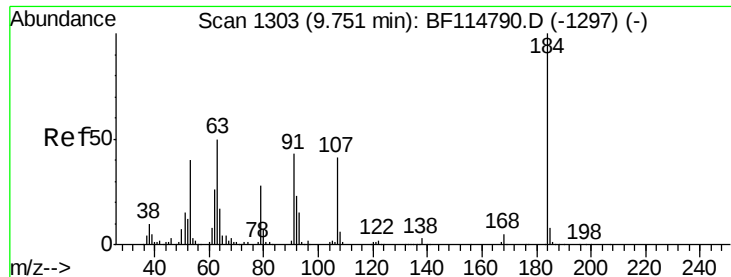


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





#54

2,4-Dinitrophenol

Concen: 87.015 ng

RT: 9.75 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BF114892.D

Acq: 7 Jun 2019 11:54

Instrument :

BNA_F

ClientSampleId :

RBR-200050MSD

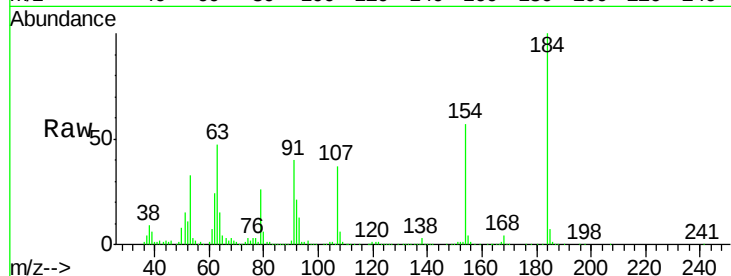
Tot Ion:184 Resp: 351936

Ion Ratio Lower Upper

184 100

63 47.4 44.1 66.1

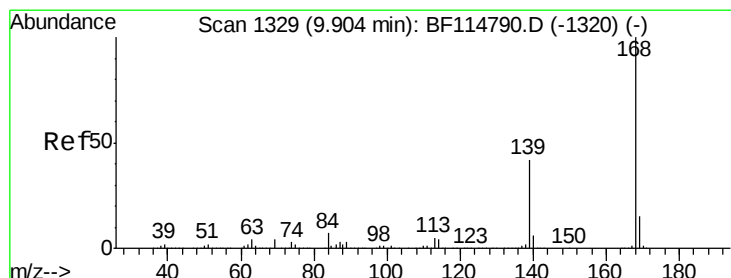
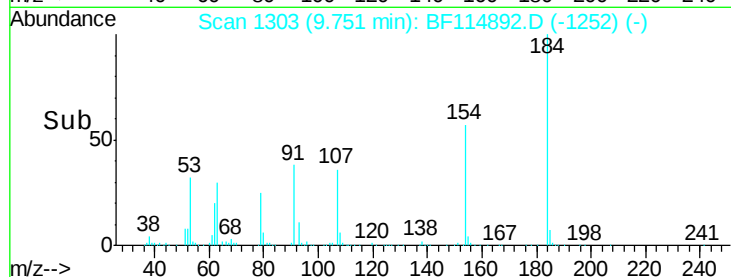
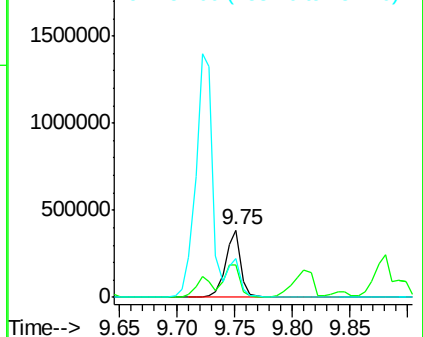
154 57.3 48.1 72.1



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: 48.805 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF114892.D

Acq: 7 Jun 2019 11:54

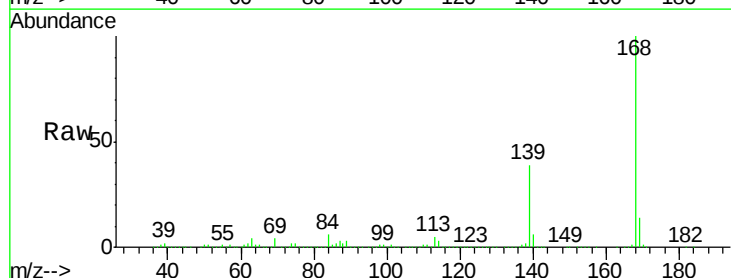
Tgt Ion:168 Resp: 2112716

Ion Ratio Lower Upper

168 100

139 38.7 33.8 50.6

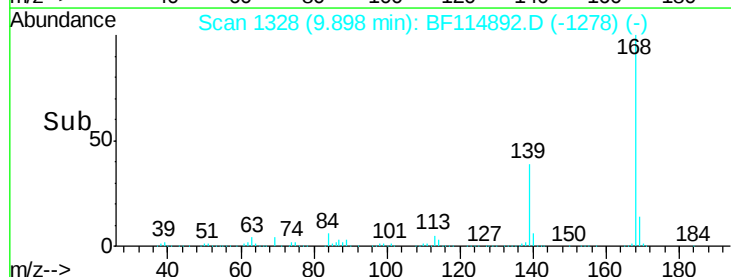
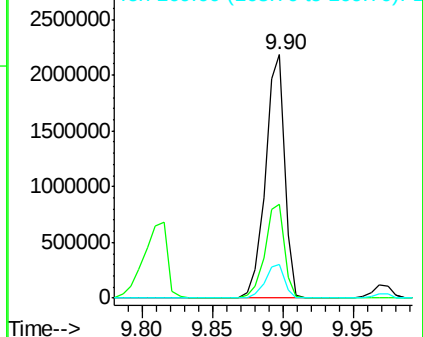
169 14.0 11.9 17.9

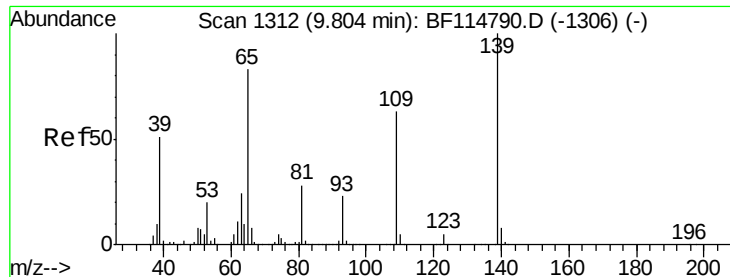


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

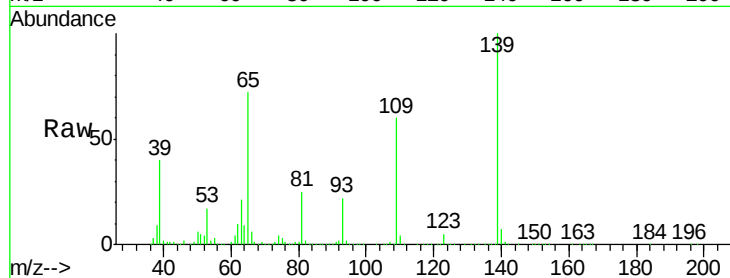




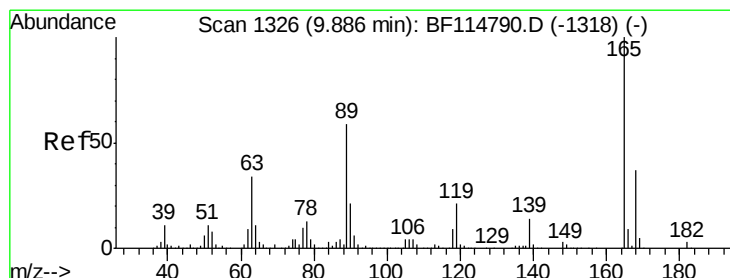
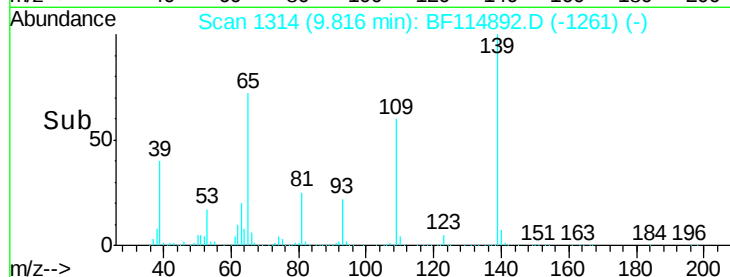
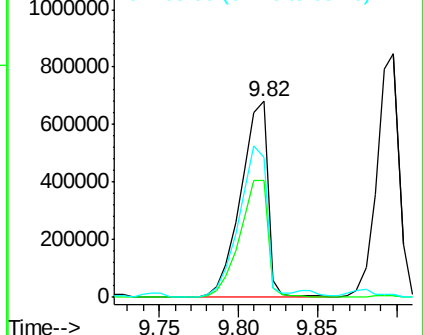
#56
4-Nitrophenol
Concen: 105.111 ng
RT: 9.82 min Scan# 1314
Delta R.T. 0.01 min
Lab File: BF114892.D
Acq: 7 Jun 2019 11:54

Instrument :
BNA_F
ClientSampleId :
RBR-200050MSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	59.8	43.5	83.5
65	71.8	63.2	103.2

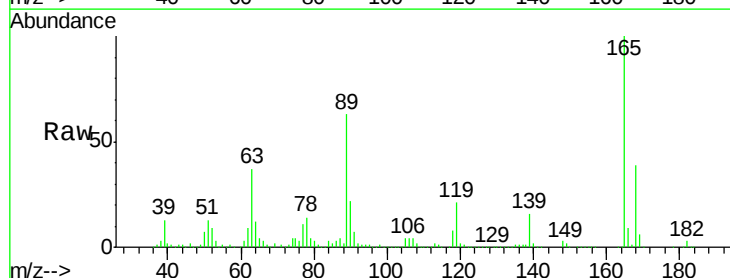


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

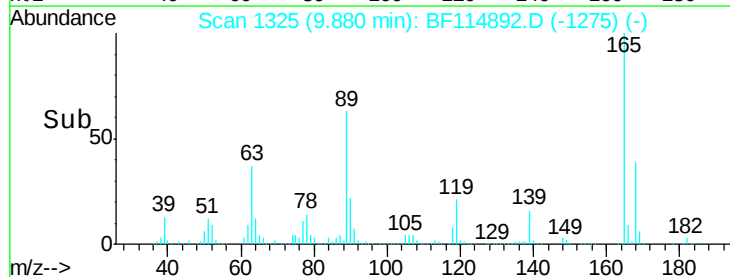
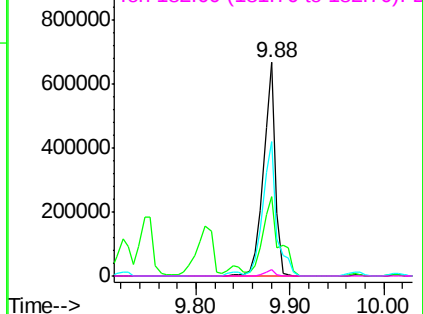


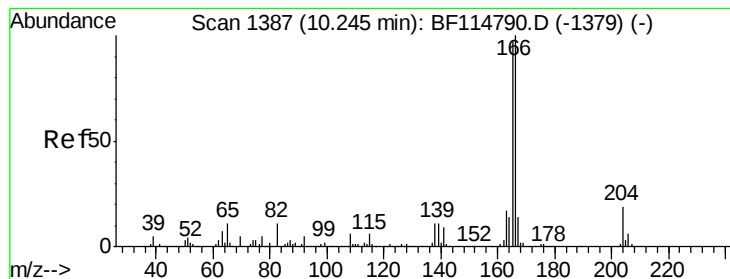
#57
2,4-Dinitrotoluene
Concen: 51.670 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF114892.D
Acq: 7 Jun 2019 11:54

Tgt Ion	Ratio	Lower	Upper
165	100		
63	37.1	27.0	40.4
89	63.2	47.0	70.6
182	2.8	2.2	3.2



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
Ion 182.00 (181.70 to 182.70): E





#58

Fluorene

Concen: 56.901 ng

RT: 10.23 min Scan# 1385

Delta R.T. -0.01 min

Lab File: BF114892.D

Acq: 7 Jun 2019 11:54

Instrument :

BNA_F

ClientSampleId :

RBR-200050MSD

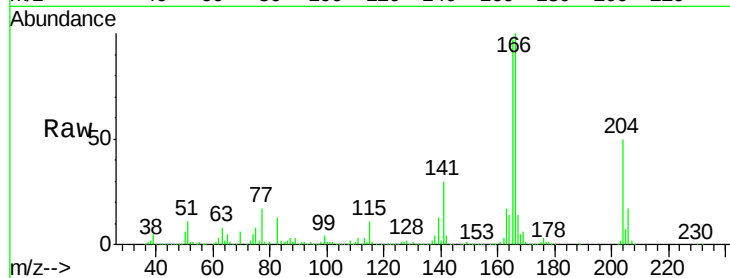
Tot Ion:166 Resp: 1511148

Ion Ratio Lower Upper

166 100

165 96.9 77.9 116.9

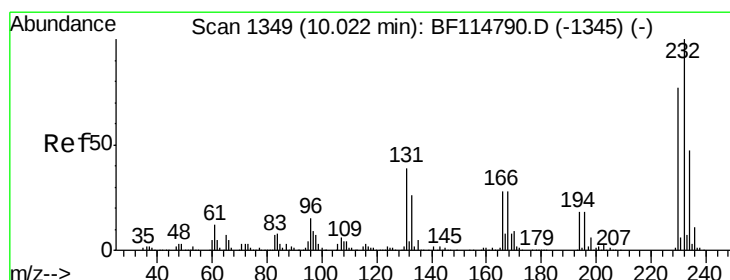
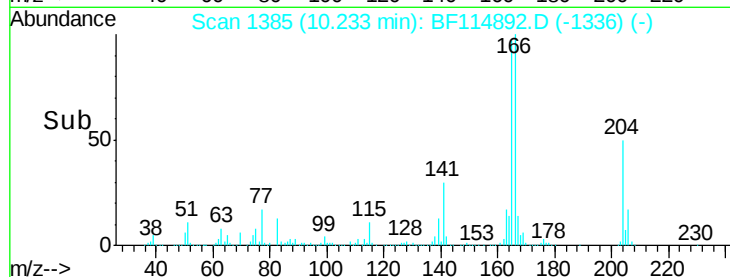
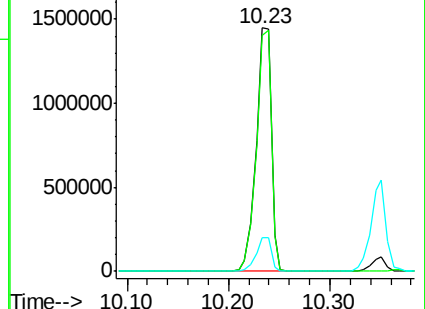
167 14.1 11.3 16.9



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: 49.793 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF114892.D

Acq: 7 Jun 2019 11:54

Tgt Ion:232 Resp: 479079

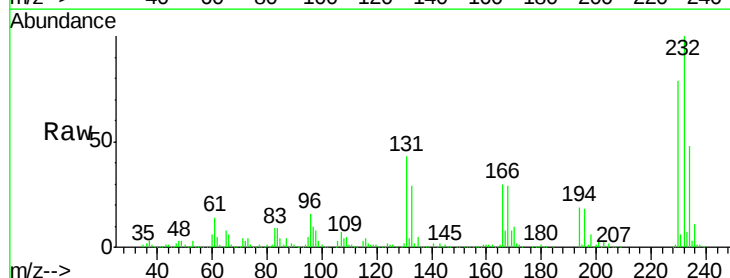
Ion Ratio Lower Upper

232 100

131 46.2 36.8 55.2

130 2.3 1.8 2.6

166 31.0 24.6 37.0

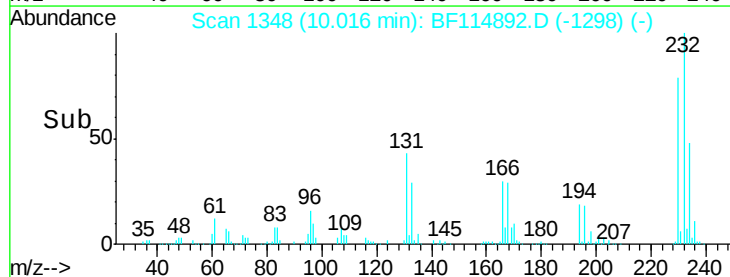
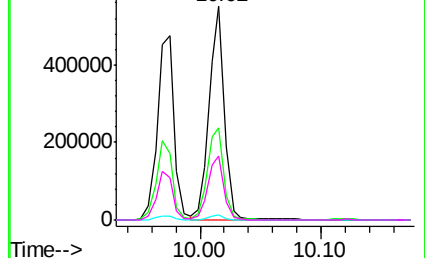


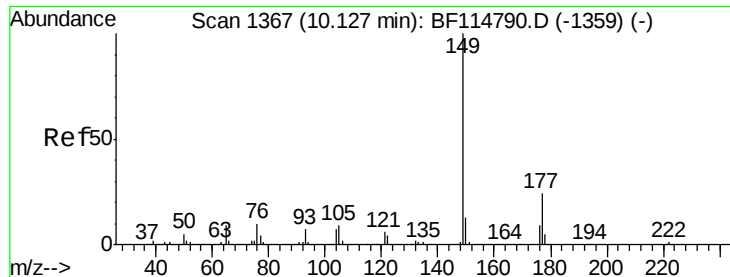
Abundance Ion 232.00 (231.70 to 232.70): E

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

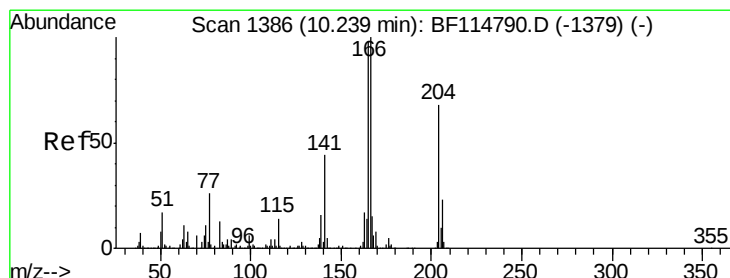
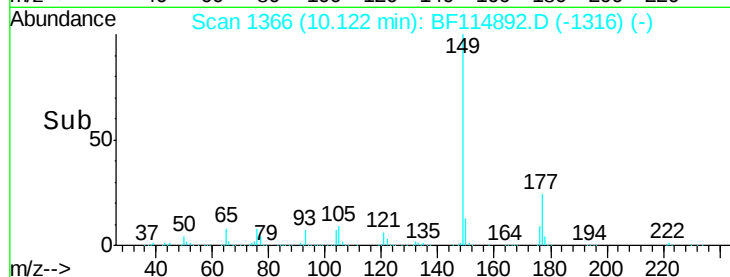
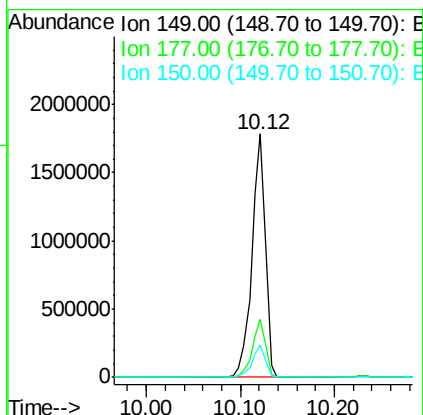
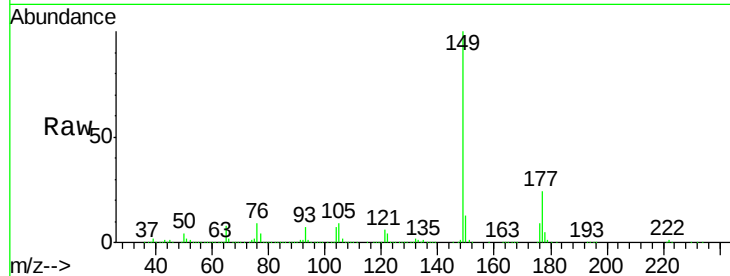




#60
Diethylphthalate
Concen: 45.817 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BF114892.D
Acq: 7 Jun 2019 11:54

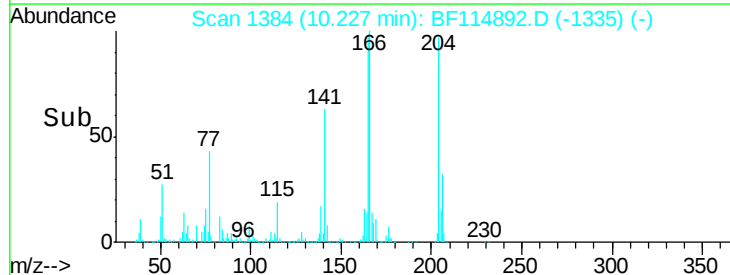
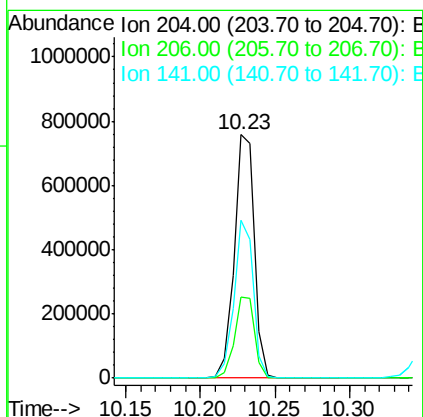
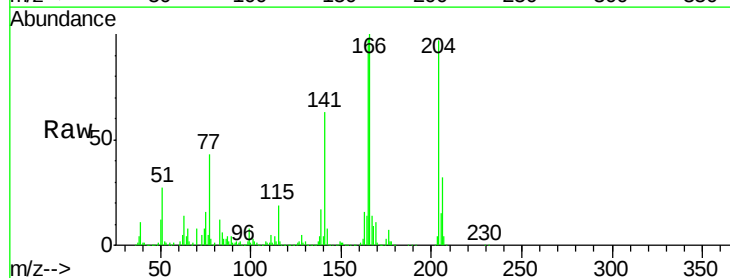
Instrument :
BNA_F
ClientSampleId :
RBR-200050MSD

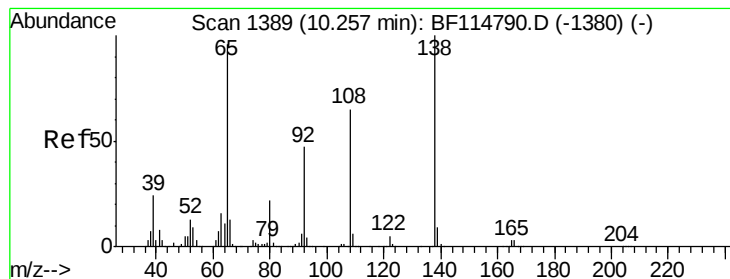
Tot Ion:149 Resp: 1747324
Ion Ratio Lower Upper
149 100
177 23.6 19.3 28.9
150 13.2 10.7 16.1



#61
4-Chlorophenyl-phenylether
Concen: 43.216 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BF114892.D
Acq: 7 Jun 2019 11:54

Tgt Ion:204 Resp: 716537
Ion Ratio Lower Upper
204 100
206 33.1 26.5 39.7
141 64.8 51.0 76.4





#62

4-Nitroaniline

Concen: 42.463 ng

RT: 10.25 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BF114892.D

Acq: 7 Jun 2019 11:54

Instrument :

BNA_F

ClientSampleId :

RBR-200050MSD

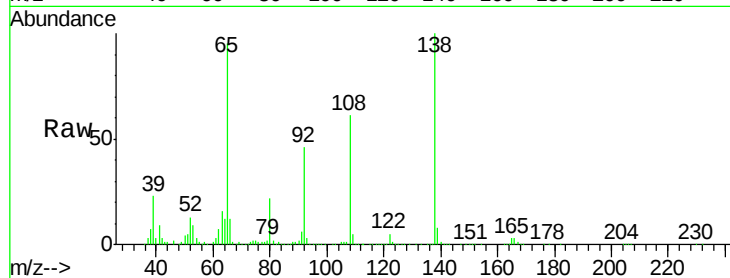
Tot Ion:138 Resp: 430036

Ion Ratio Lower Upper

138 100

92 46.1 26.5 66.5

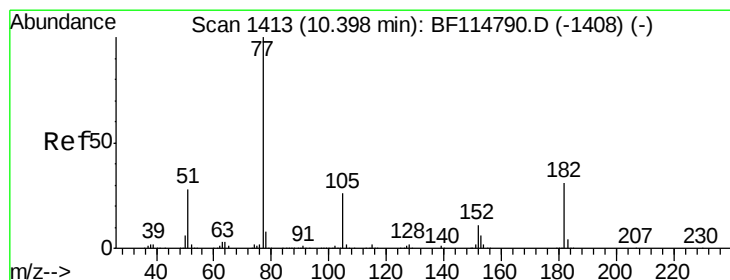
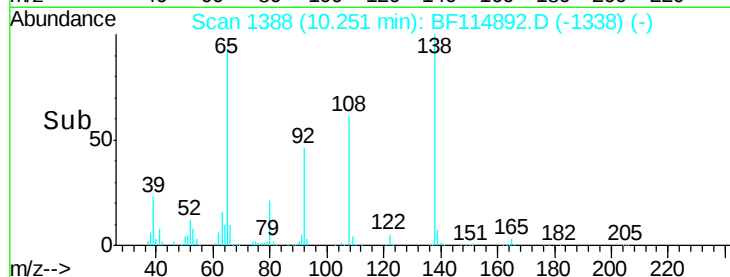
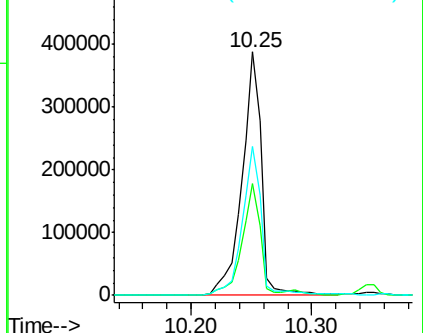
108 61.3 45.4 85.4



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: 48.914 ng

RT: 10.39 min Scan# 1412

Delta R.T. -0.01 min

Lab File: BF114892.D

Acq: 7 Jun 2019 11:54

Tgt Ion: 77 Resp: 1587866

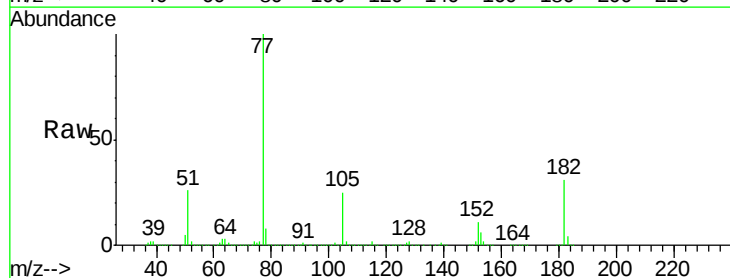
Ion Ratio Lower Upper

77 100

182 31.2 11.2 51.2

105 24.5 5.7 45.7

51 26.1 8.0 48.0

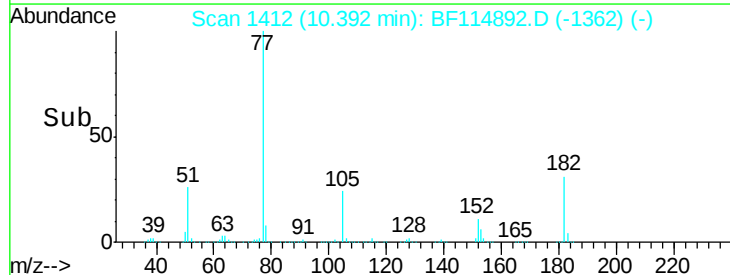
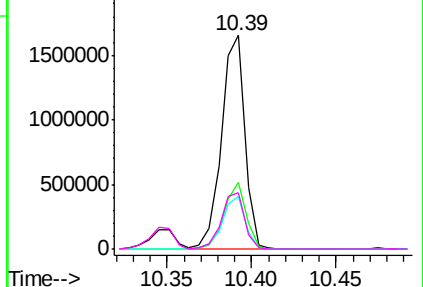


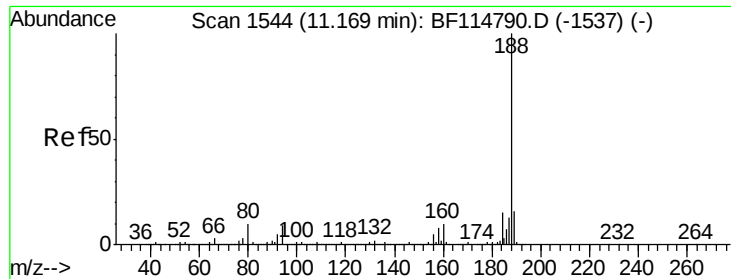
Abundance Ion 77.00 (76.70 to 77.70): BF1

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

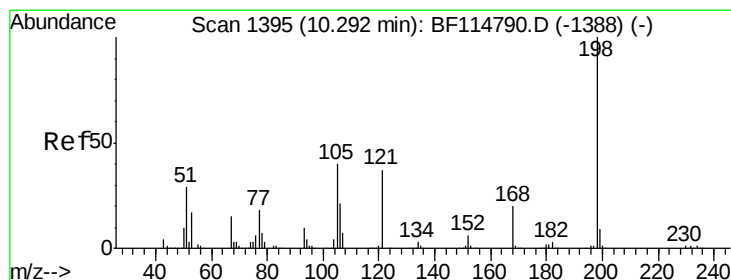
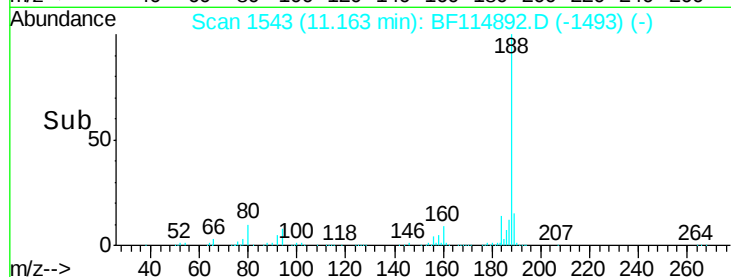
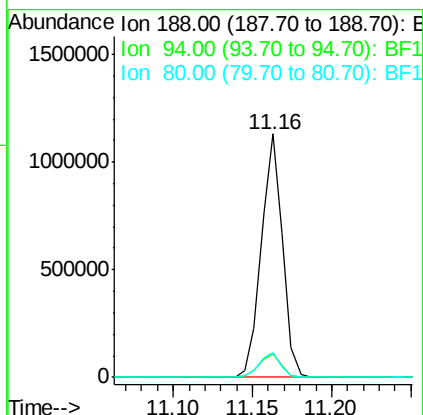
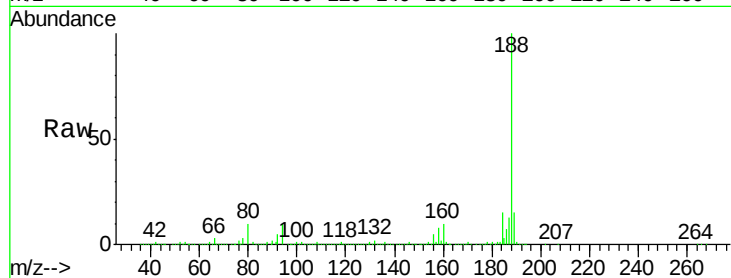




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.01 min
Lab File: BF114892.D
Acq: 7 Jun 2019 11:54

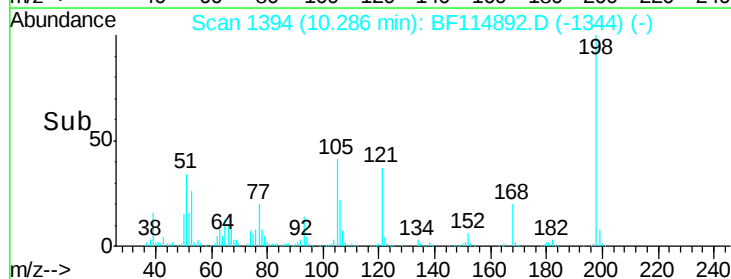
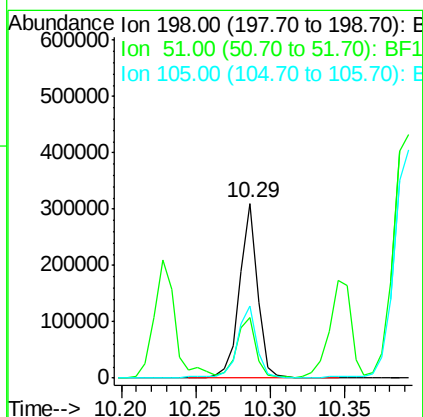
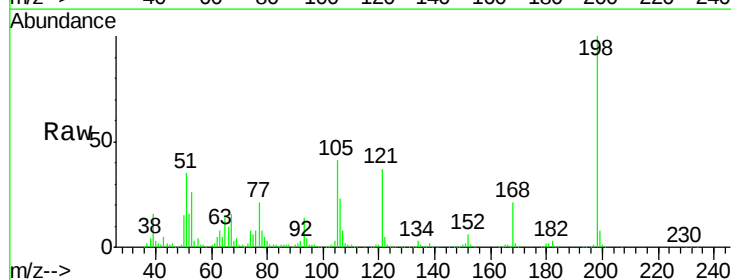
Instrument :
BNA_F
ClientSampleId :
RBR-200050MSD

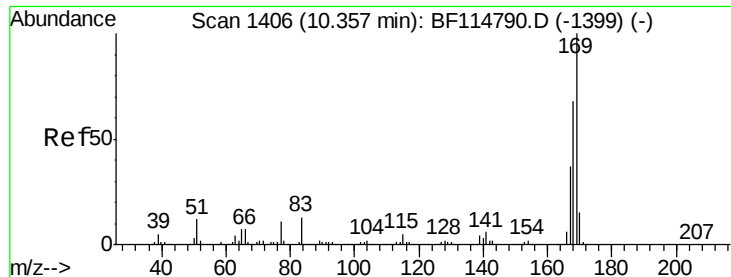
Tot Ion:188 Resp: 1059978
Ion Ratio Lower Upper
188 100
94 9.8 7.6 11.4
80 10.2 8.3 12.5



#65
4,6-Dinitro-2-methylphenol
Concen: 47.954 ng
RT: 10.29 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BF114892.D
Acq: 7 Jun 2019 11:54

Tgt Ion:198 Resp: 264041
Ion Ratio Lower Upper
198 100
51 34.6 14.9 54.9
105 41.1 21.0 61.0

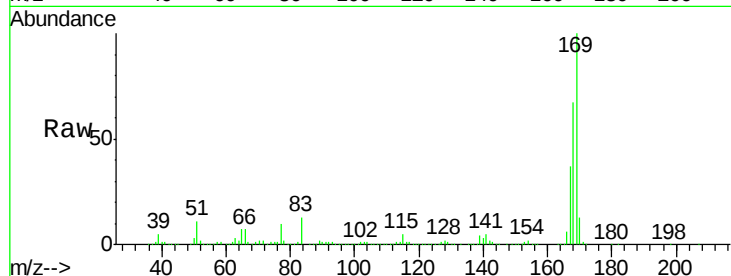




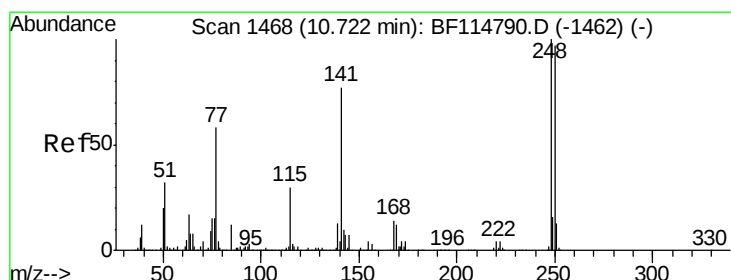
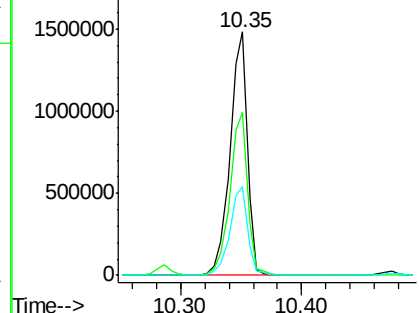
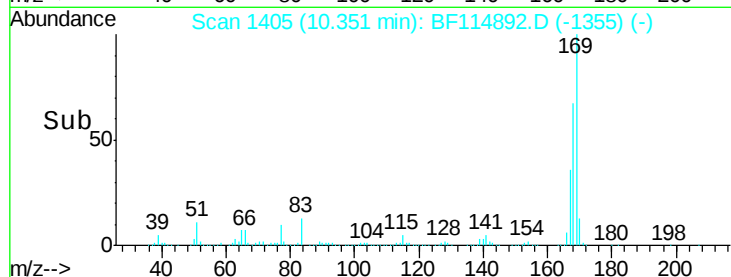
#66
n-Nitrosodiphenylamine
Concen: 45.650 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF114892.D
Acq: 7 Jun 2019 11:54

Instrument :
BNA_F
ClientSampleId :
RBR-200050MSD

Tot Ion:169 Resp: 1463155
Ion Ratio Lower Upper
169 100
168 67.1 54.3 81.5
167 36.5 29.9 44.9

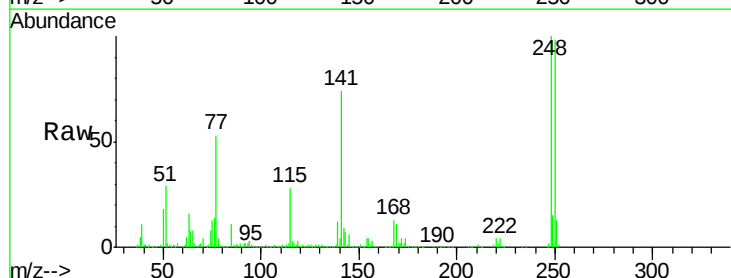


Abundance Ion 169.00 (168.70 to 169.70): E
2000000 Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

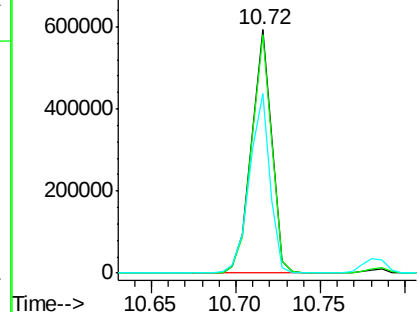
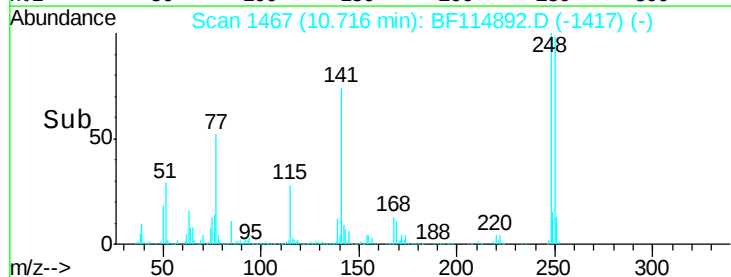


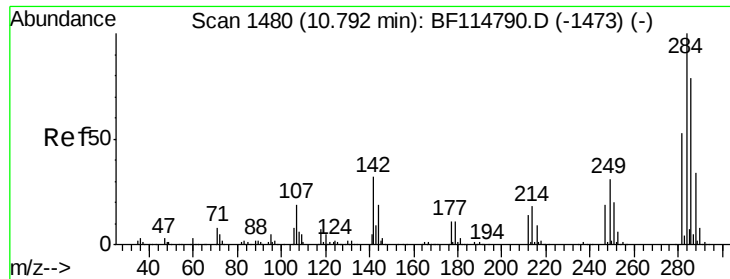
#67
4-Bromophenyl-phenylether
Concen: 41.612 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF114892.D
Acq: 7 Jun 2019 11:54

Tgt Ion:248 Resp: 500954
Ion Ratio Lower Upper
248 100
250 97.9 77.5 116.3
141 73.8 61.8 92.8



Abundance Ion 248.00 (247.70 to 248.70): E
800000 Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#68

Hexachlorobenzene

Concen: 42.032 ng

RT: 10.79 min Scan# 1479

Delta R.T. -0.01 min

Lab File: BF114892.D

Acq: 7 Jun 2019 11:54

Instrument :

BNA_F

ClientSampleId :

RBR-200050MSD

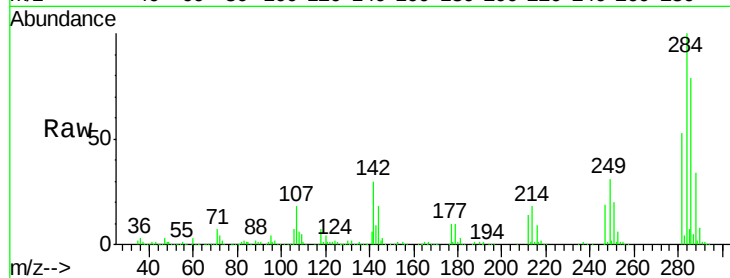
Tot Ion:284 Resp: 553785

Ion Ratio Lower Upper

284 100

142 30.2 25.3 37.9

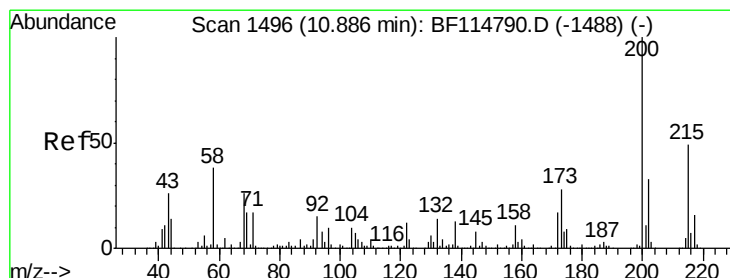
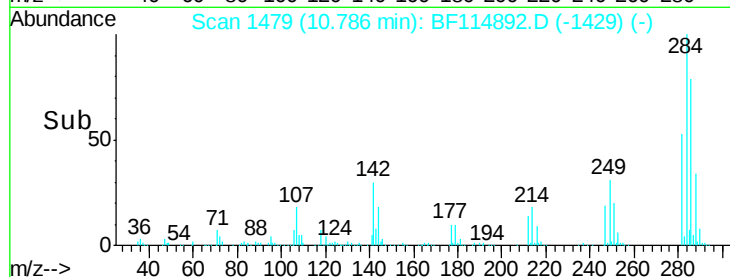
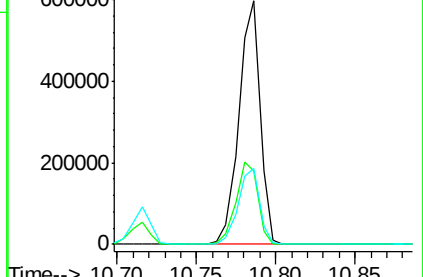
249 31.3 24.9 37.3



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: 41.952 ng

RT: 10.88 min Scan# 1495

Delta R.T. -0.01 min

Lab File: BF114892.D

Acq: 7 Jun 2019 11:54

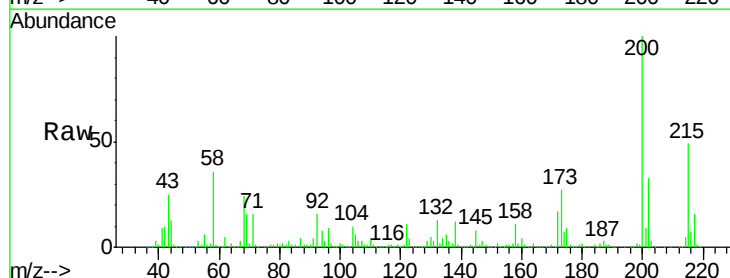
Tgt Ion:200 Resp: 467645

Ion Ratio Lower Upper

200 100

173 27.5 8.0 48.0

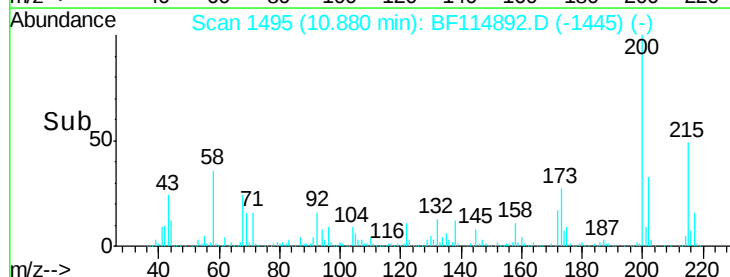
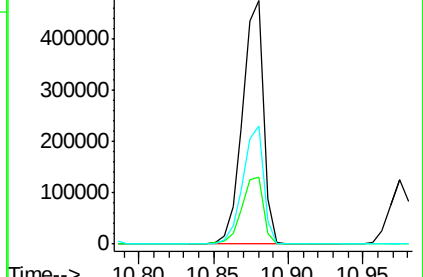
215 48.5 28.7 68.7

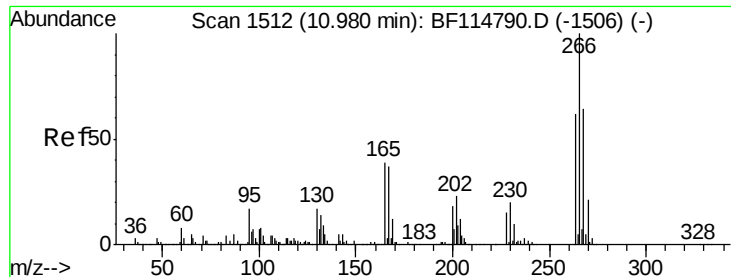


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#70

Pentachlorophenol

Concen: 83.727 ng

RT: 10.97 min Scan# 1511

Delta R.T. -0.01 min

Lab File: BF114892.D

Acq: 7 Jun 2019 11:54

Instrument :

BNA_F

ClientSampleId :

RBR-200050MSD

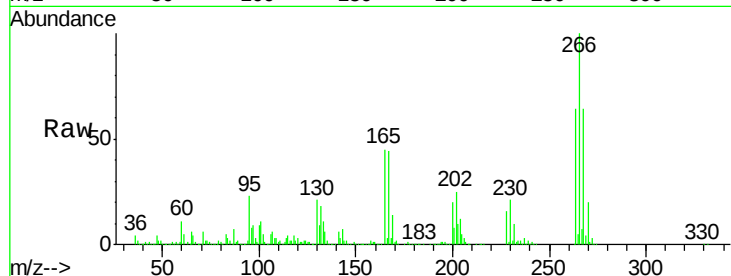
Tot Ion:266 Resp: 637717

Ion Ratio Lower Upper

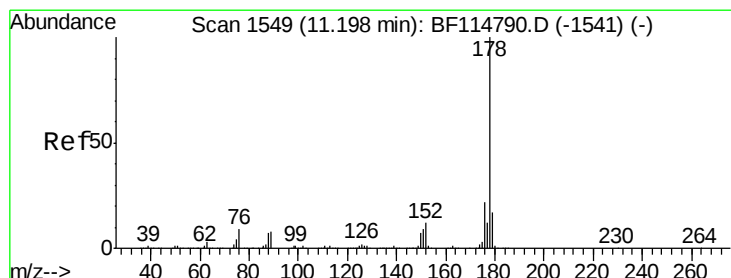
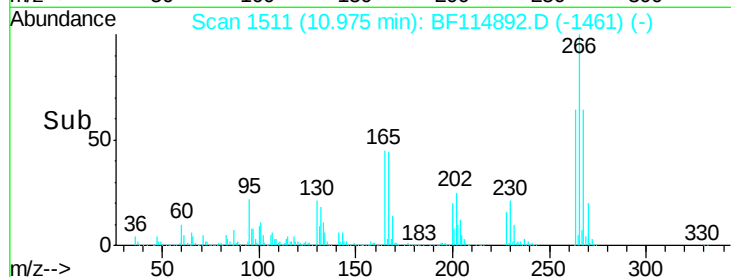
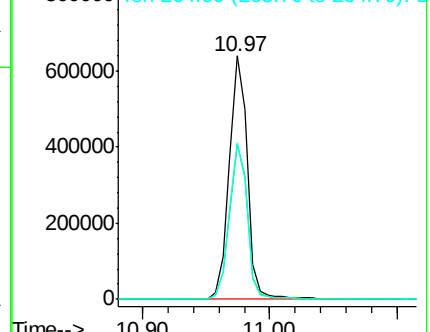
266 100

268 63.6 51.0 76.6

264 64.4 49.6 74.4



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



#71

Phenanthrene

Concen: 49.387 ng

RT: 11.19 min Scan# 1548

Delta R.T. -0.01 min

Lab File: BF114892.D

Acq: 7 Jun 2019 11:54

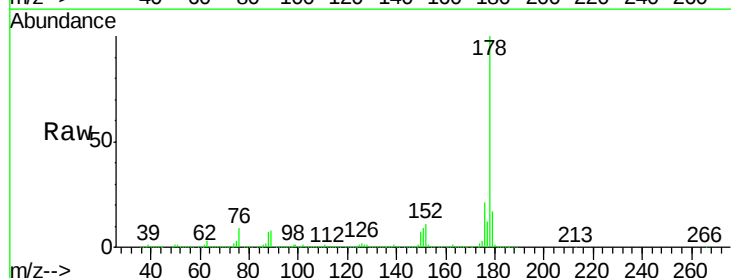
Tgt Ion:178 Resp: 2499071

Ion Ratio Lower Upper

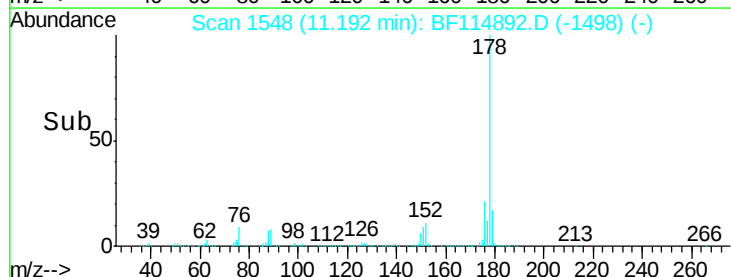
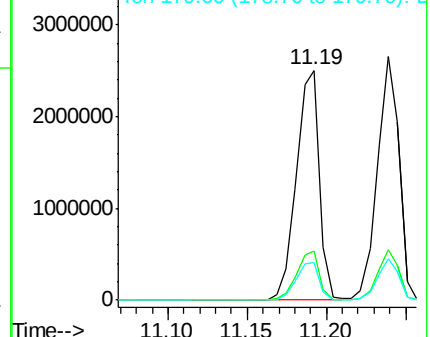
178 100

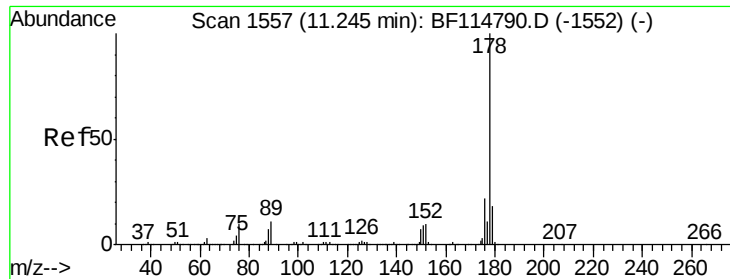
176 21.3 17.7 26.5

179 16.6 13.7 20.5



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 47.869 ng

RT: 11.24 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF114892.D

Acq: 7 Jun 2019 11:54

Instrument :

BNA_F

ClientSampleId :

RBR-200050MSD

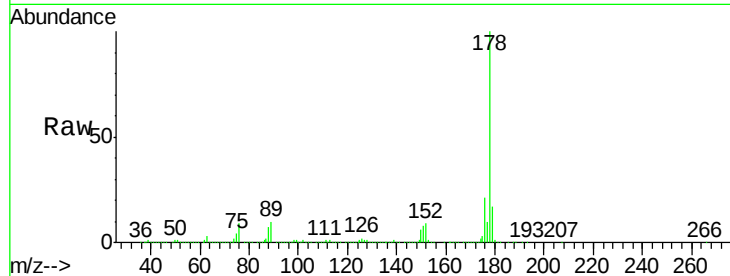
Tot Ion:178 Resp: 2549179

Ion Ratio Lower Upper

178 100

176 20.5 17.4 26.0

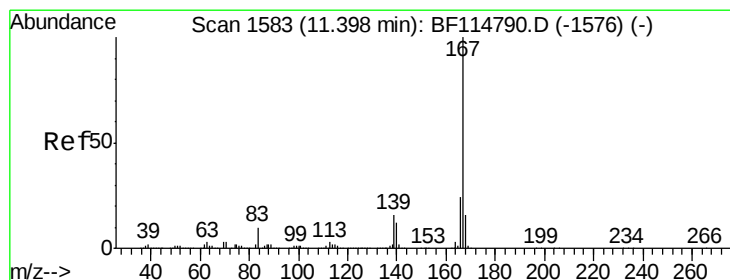
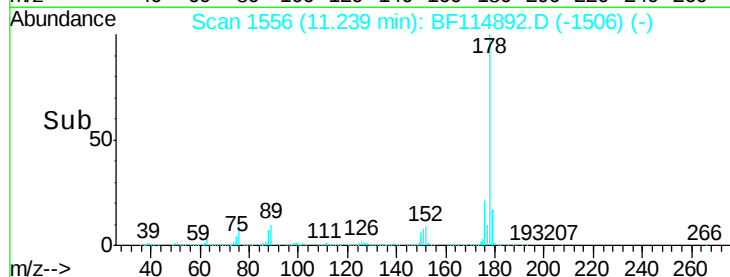
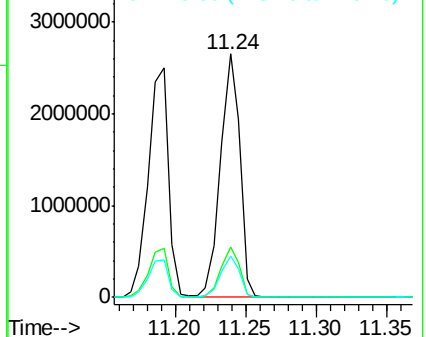
179 16.8 14.2 21.4



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: 51.246 ng

RT: 11.39 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BF114892.D

Acq: 7 Jun 2019 11:54

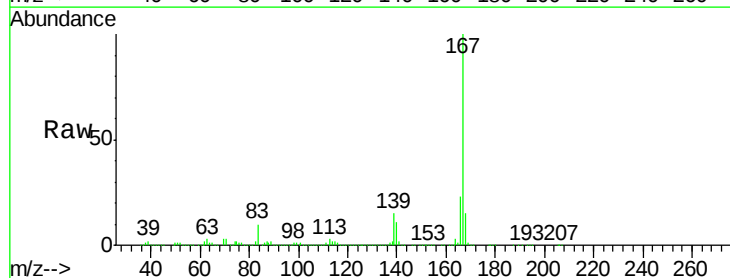
Tgt Ion:167 Resp: 2339453

Ion Ratio Lower Upper

167 100

166 23.0 19.1 28.7

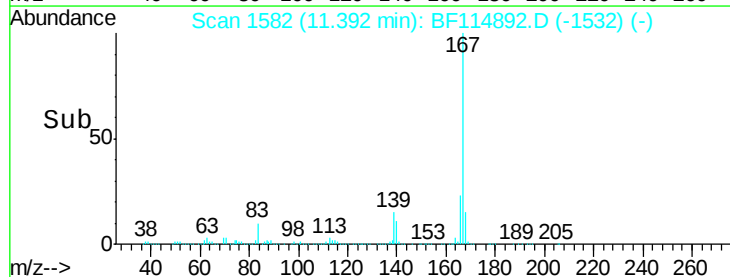
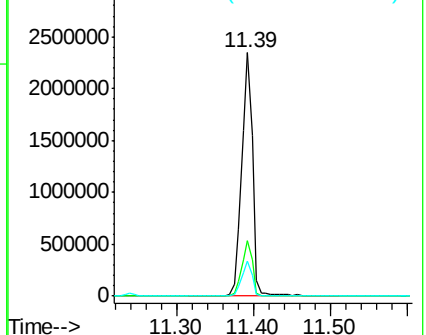
139 14.6 12.4 18.6

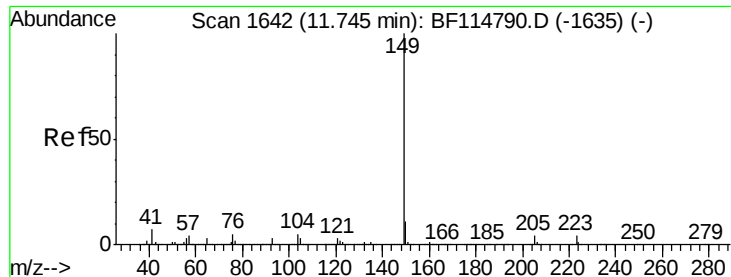


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 43.365 ng

RT: 11.73 min Scan# 1640

Delta R.T. -0.01 min

Lab File: BF114892.D

Acq: 7 Jun 2019 11:54

Instrument :

BNA_F

ClientSampleId :

RBR-200050MSD

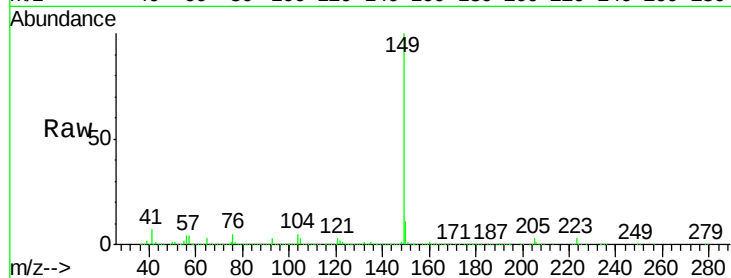
Tot Ion:149 Resp: 2603817

Ion Ratio Lower Upper

149 100

150 10.5 8.9 13.3

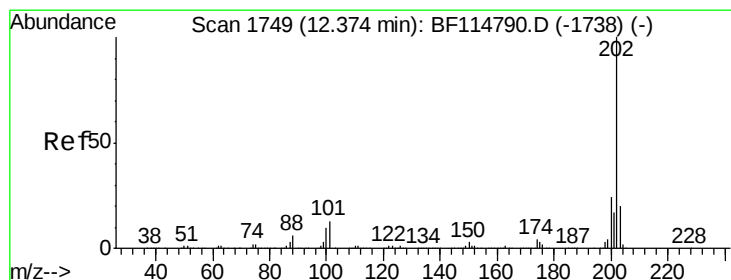
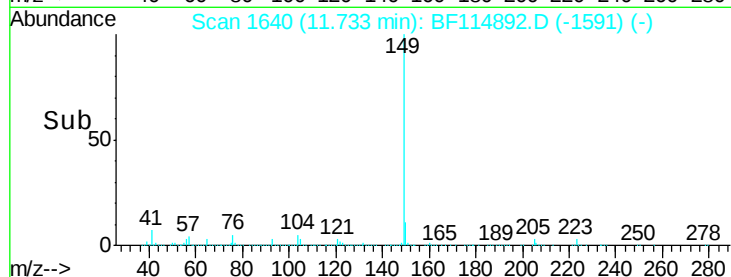
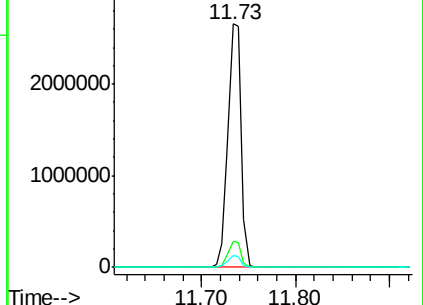
104 5.1 4.3 6.5



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: 51.294 ng

RT: 12.37 min Scan# 1748

Delta R.T. -0.01 min

Lab File: BF114892.D

Acq: 7 Jun 2019 11:54

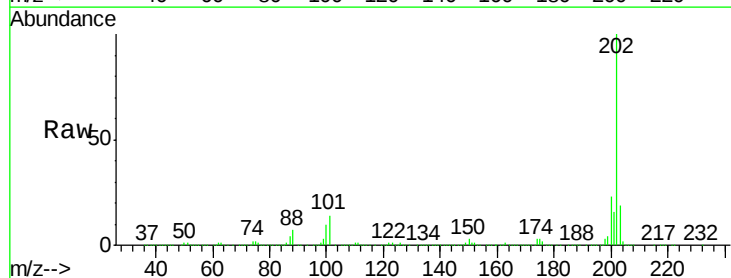
Tgt Ion:202 Resp: 2701534

Ion Ratio Lower Upper

202 100

101 13.7 0.0 32.8

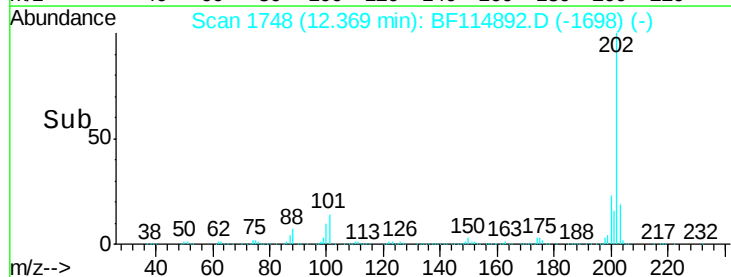
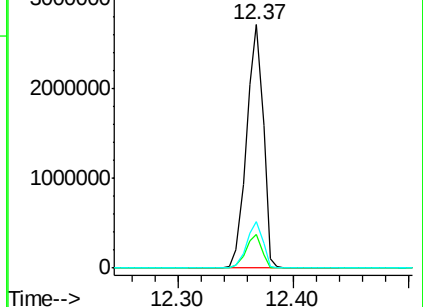
203 19.2 0.2 40.2

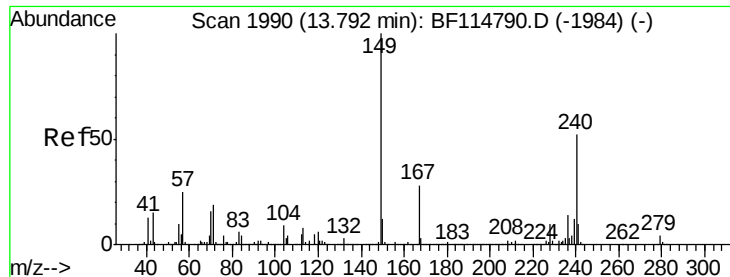


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF114892.D

Acq: 7 Jun 2019 11:54

Instrument :

BNA_F

ClientSampleId :

RBR-200050MSD

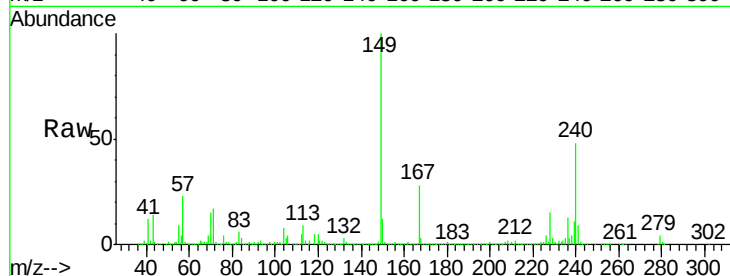
Tot Ion:240 Resp: 606590

Ion Ratio Lower Upper

240 100

120 11.3 9.0 13.4

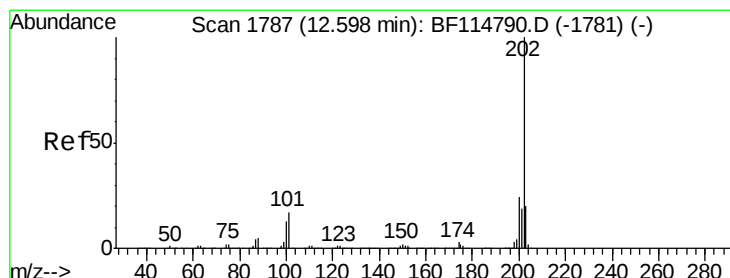
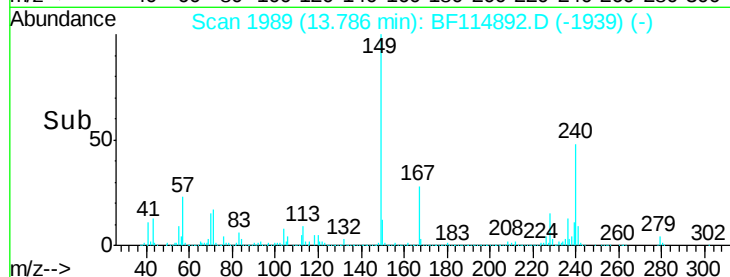
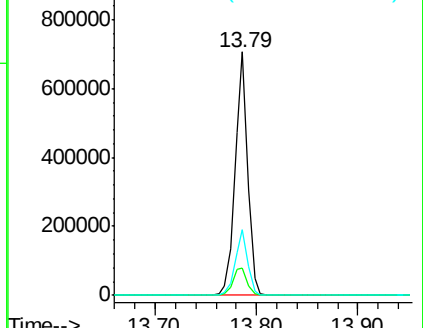
236 26.9 21.4 32.0



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: 51.907 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF114892.D

Acq: 7 Jun 2019 11:54

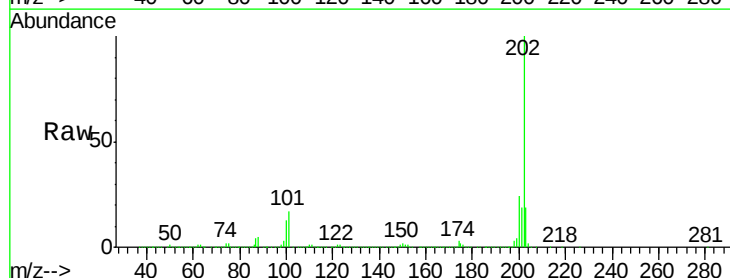
Tgt Ion:202 Resp: 2731483

Ion Ratio Lower Upper

202 100

200 23.6 19.2 28.8

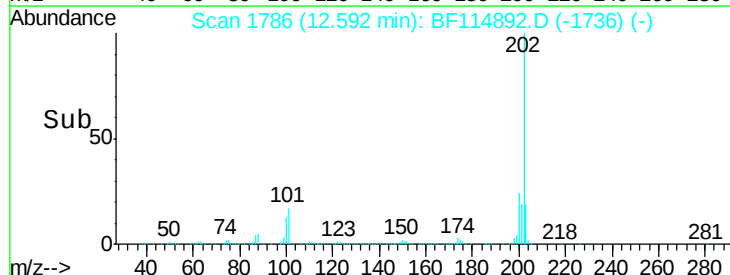
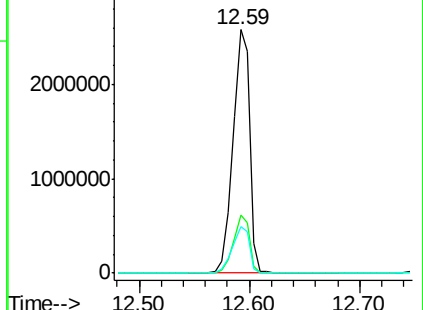
203 19.3 15.9 23.9

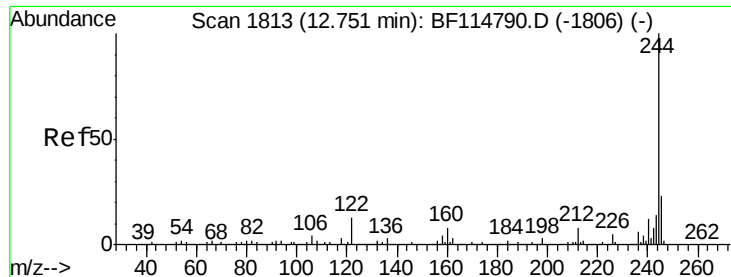


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 103.134 ng

RT: 12.74 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF114892.D

Acq: 7 Jun 2019 11:54

Instrument :

BNA_F

ClientSampleId :

RBR-200050MSD

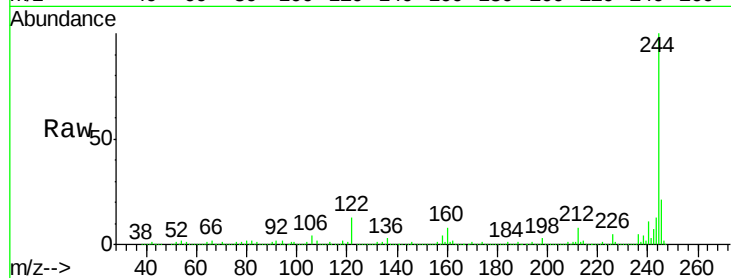
Tot Ion:244 Resp: 3216847

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

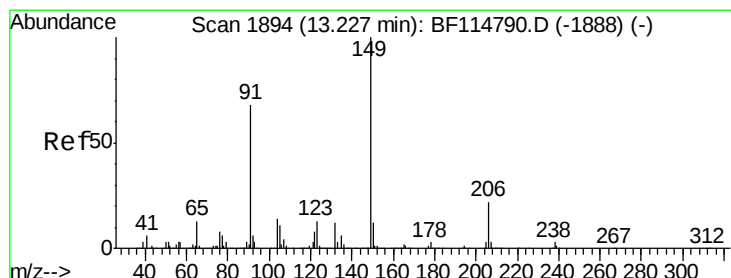
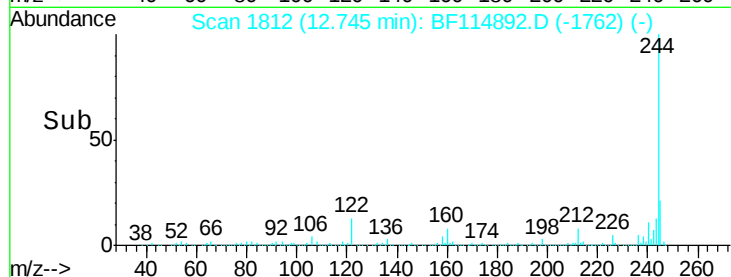
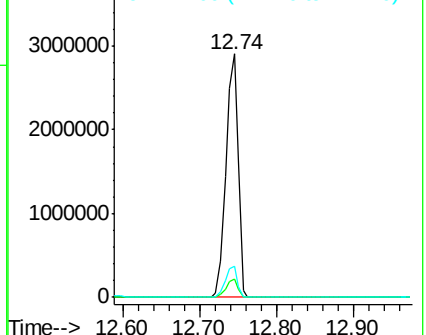
122 12.5 10.5 15.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.178 ng

RT: 13.22 min Scan# 1893

Delta R.T. -0.01 min

Lab File: BF114892.D

Acq: 7 Jun 2019 11:54

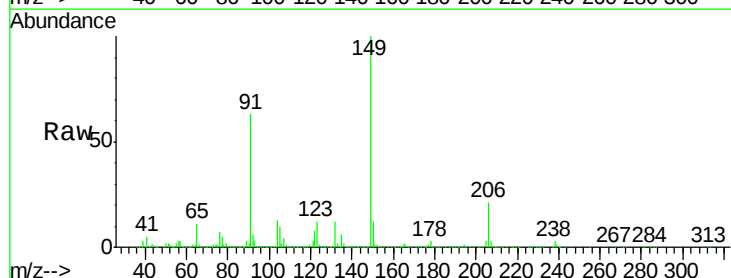
Tgt Ion:149 Resp: 1147367

Ion Ratio Lower Upper

149 100

91 63.2 54.6 82.0

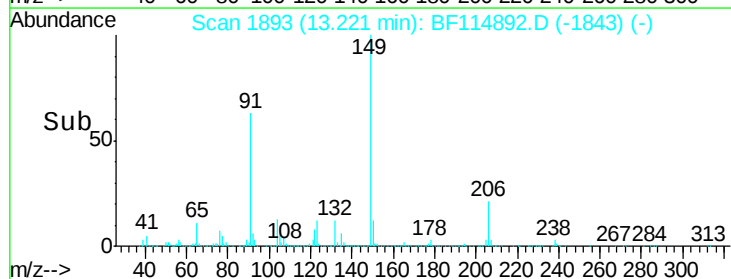
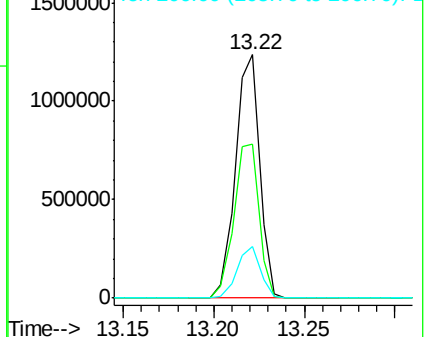
206 21.4 17.2 25.8

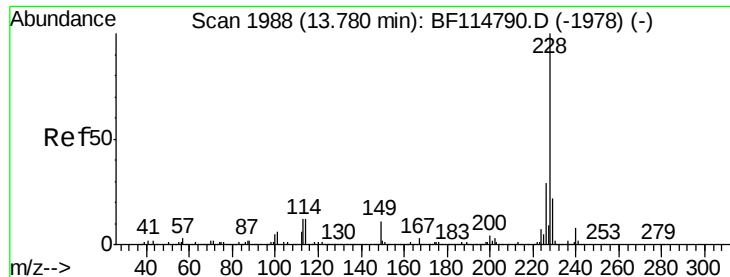


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 45.533 ng

RT: 13.77 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BF114892.D

Acq: 7 Jun 2019 11:54

Instrument :

BNA_F

ClientSampleId :

RBR-200050MSD

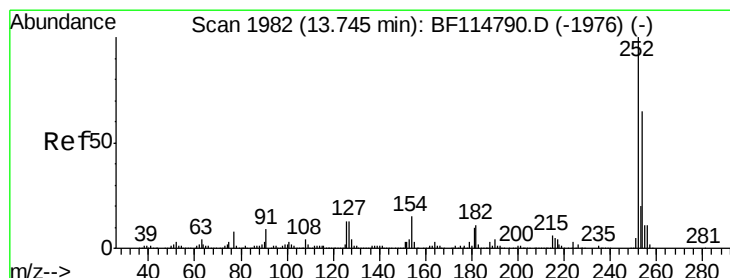
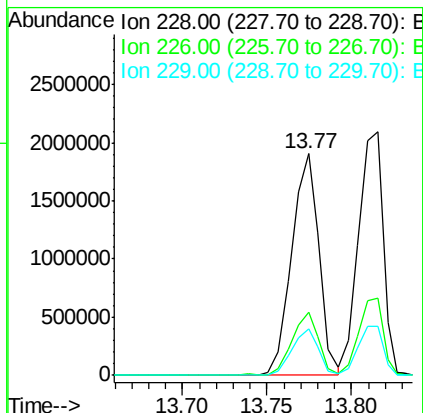
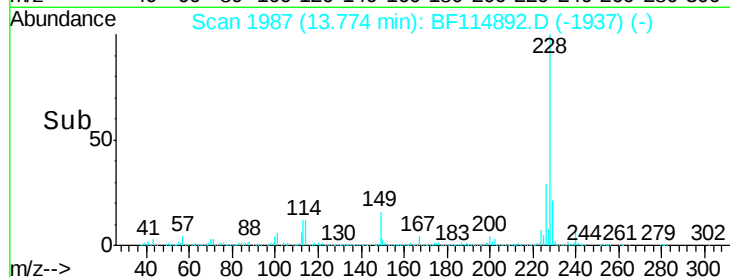
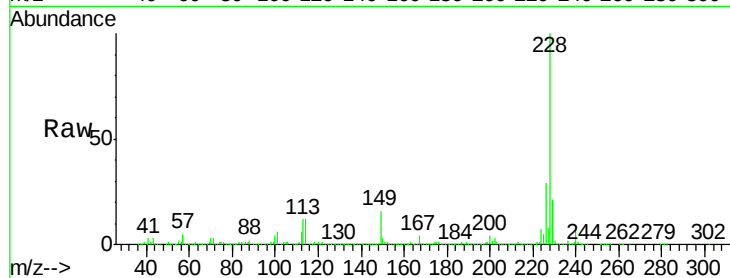
Tot Ion:228 Resp: 2128402

Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.4	35.2
229	21.0	17.4	26.0

228 100

226 28.6 23.4 35.2

229 21.0 17.4 26.0



#82

3,3'-Dichlorobenzidine

Concen: 25.005 ng

RT: 13.74 min Scan# 1981

Delta R.T. -0.01 min

Lab File: BF114892.D

Acq: 7 Jun 2019 11:54

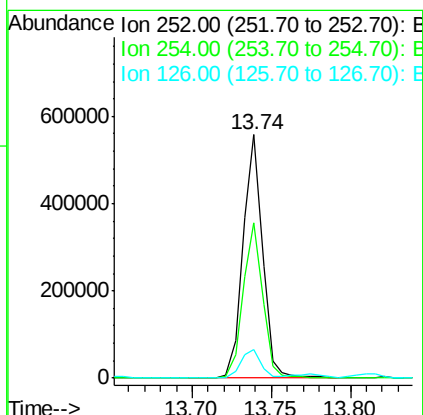
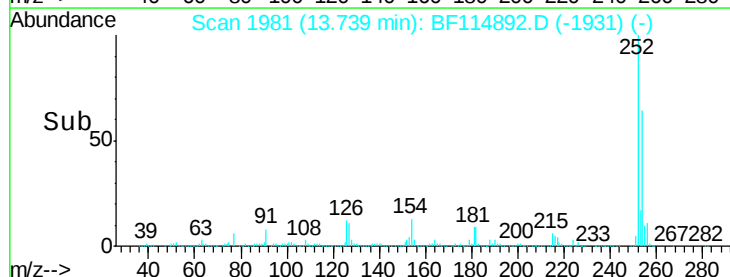
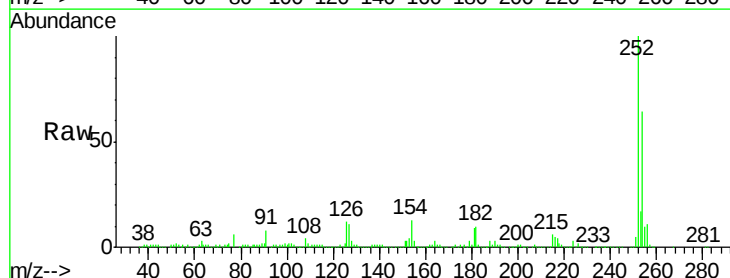
Tgt Ion:252 Resp: 473944

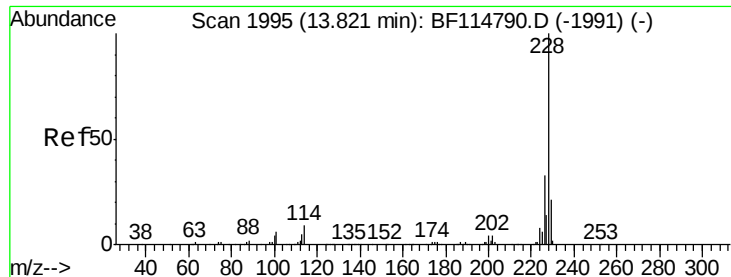
Ion	Ratio	Lower	Upper
252	100		
254	63.8	51.9	77.9
126	11.8	10.5	15.7

252 100

254 63.8 51.9 77.9

126 11.8 10.5 15.7

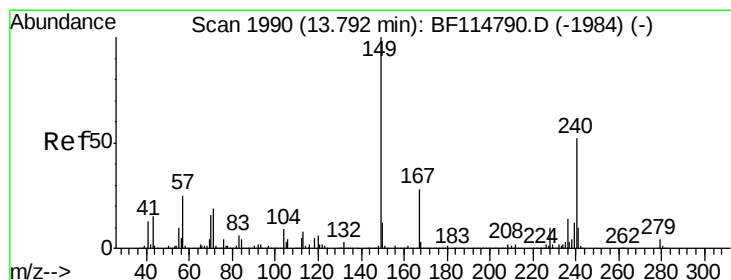
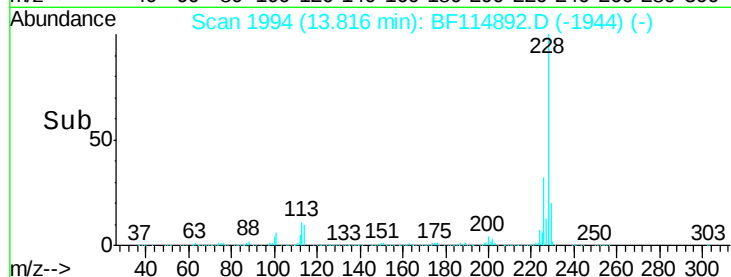
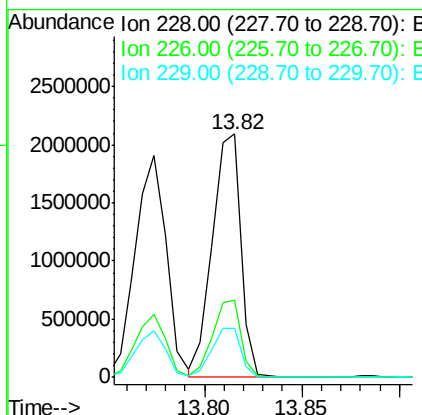
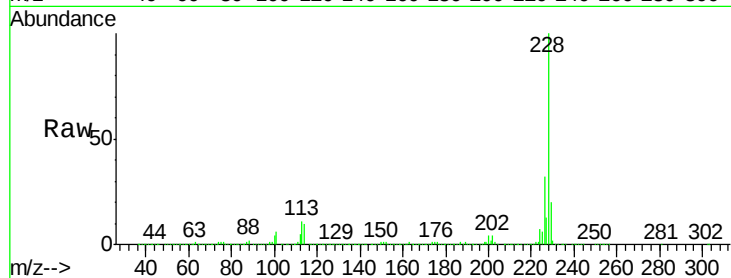




#83
Chrysene
Concen: 46.722 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BF114892.D
Acq: 7 Jun 2019 11:54

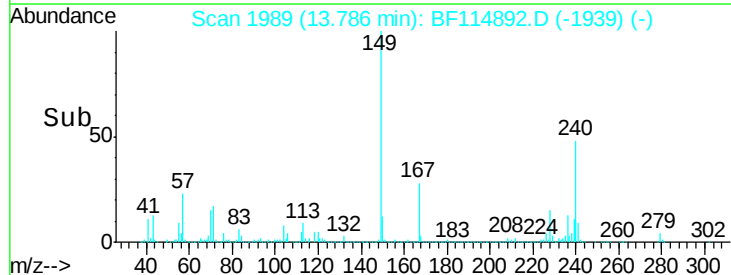
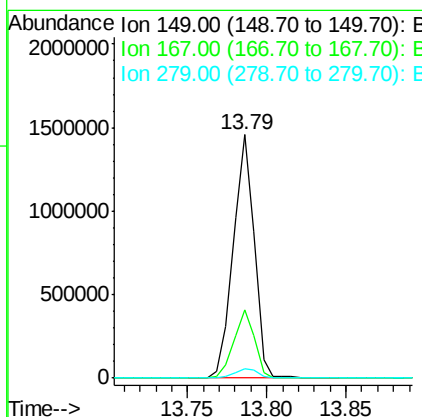
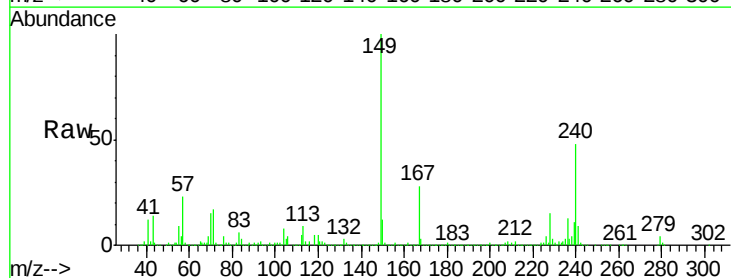
Instrument :
BNA_F
ClientSampleId :
RBR-200050MSD

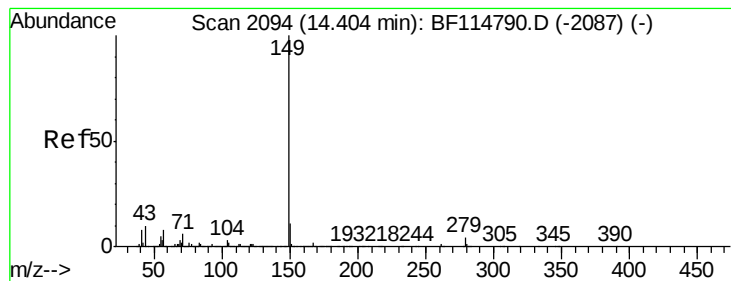
Tot Ion:228 Resp: 2124551
Ion Ratio Lower Upper
228 100
226 32.0 26.0 39.0
229 20.3 17.1 25.7



#84
Bis(2-ethylhexyl)phthalate
Concen: 39.719 ng
RT: 13.79 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BF114892.D
Acq: 7 Jun 2019 11:54

Tgt Ion:149 Resp: 1334635
Ion Ratio Lower Upper
149 100
167 27.8 22.7 34.1
279 4.0 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 39.534 ng

RT: 14.40 min Scan# 2094

Delta R.T. 0.00 min

Lab File: BF114892.D

Acq: 7 Jun 2019 11:54

Instrument :

BNA_F

ClientSampleId :

RBR-200050MSD

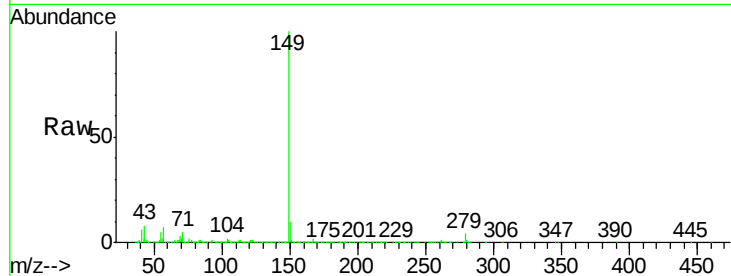
Tot Ion:149 Resp: 2257176

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

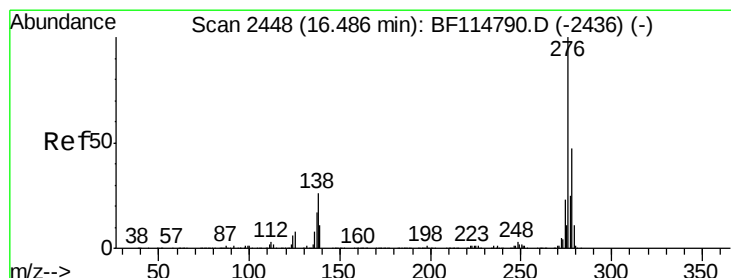
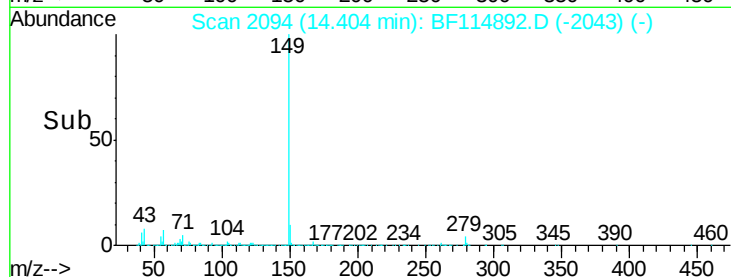
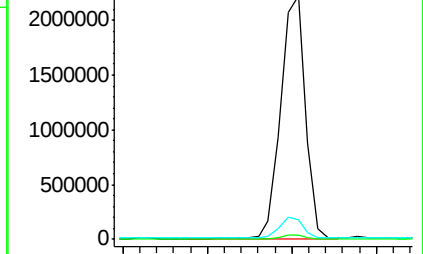
43 8.4 7.0 10.6



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: 49.213 ng

RT: 16.49 min Scan# 2448

Delta R.T. 0.00 min

Lab File: BF114892.D

Acq: 7 Jun 2019 11:54

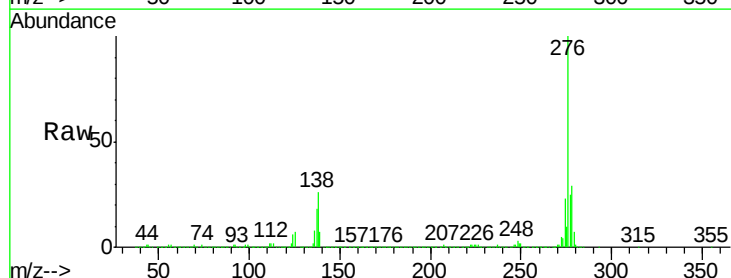
Tgt Ion:276 Resp: 2553326

Ion Ratio Lower Upper

276 100

138 28.6 22.2 33.4

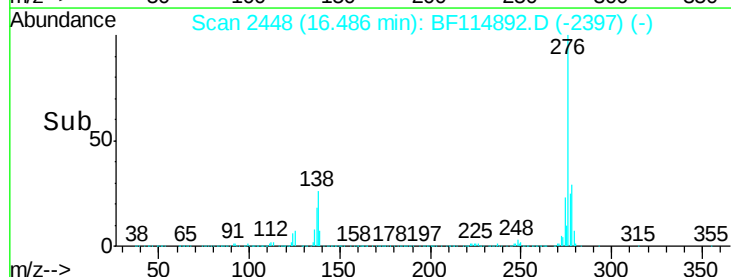
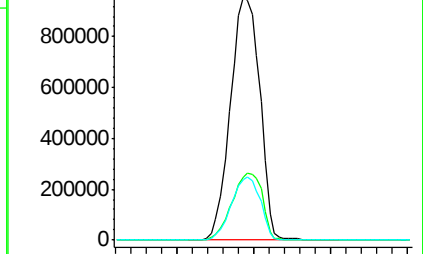
277 25.7 20.6 30.8

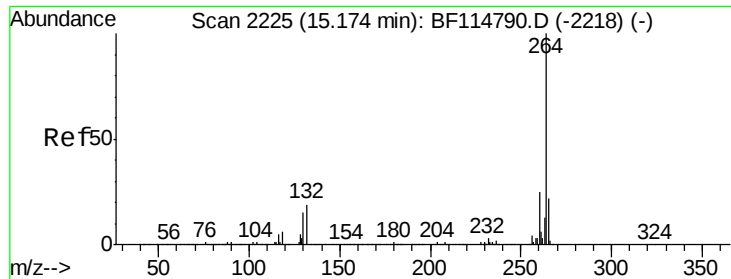


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

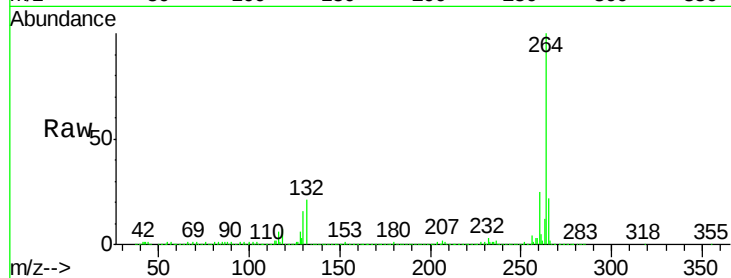




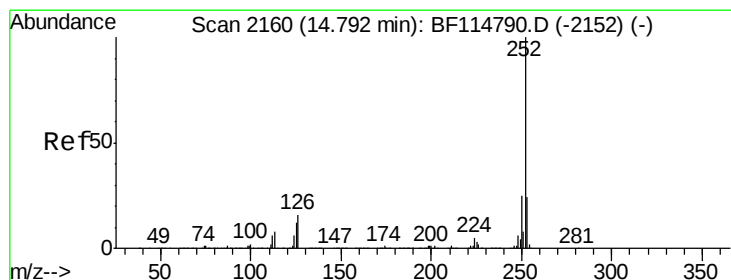
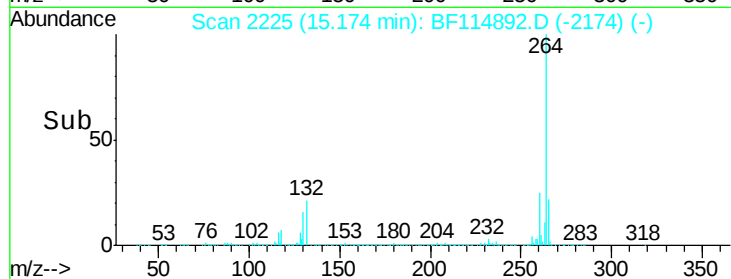
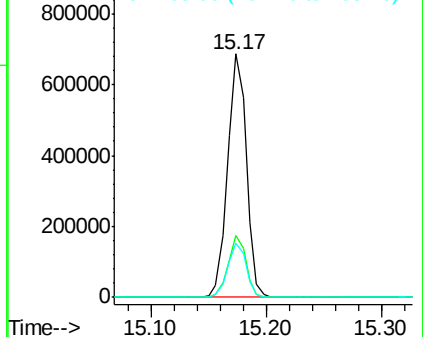
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.17 min Scan# 2225
Delta R.T. 0.00 min
Lab File: BF114892.D
Acq: 7 Jun 2019 11:54

Instrument :
BNA_F
ClientSampleId :
RBR-200050MSD

Tot Ion:264 Resp: 773523
Ion Ratio Lower Upper
264 100
260 25.2 20.1 30.1
265 22.2 17.7 26.5

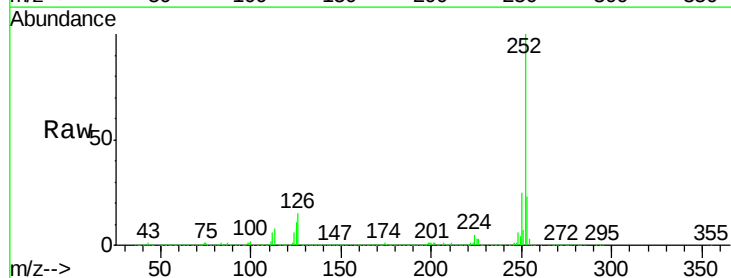


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

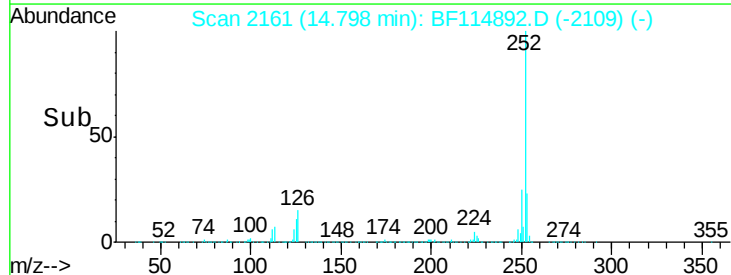
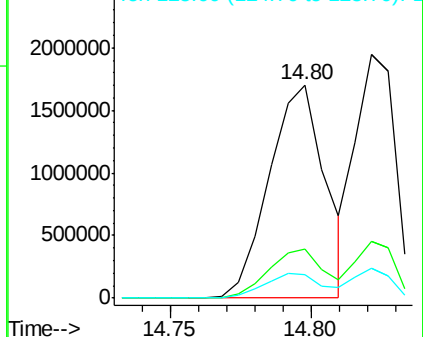


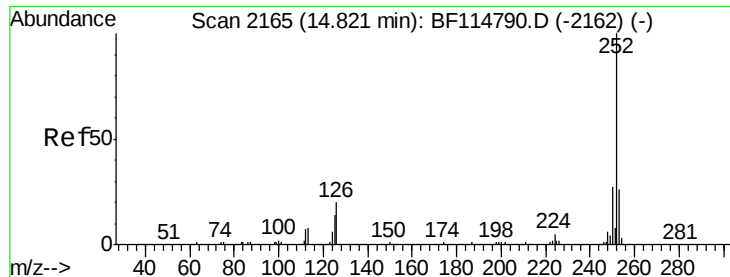
#88
Benzo(b)fluoranthene
Concen: 47.539 ng
RT: 14.80 min Scan# 2161
Delta R.T. 0.01 min
Lab File: BF114892.D
Acq: 7 Jun 2019 11:54

Tgt Ion:252 Resp: 2341005
Ion Ratio Lower Upper
252 100
253 23.2 19.0 28.6
125 11.3 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: 45.352 ng

RT: 14.82 min Scan# 2165

Delta R.T. 0.00 min

Lab File: BF114892.D

Acq: 7 Jun 2019 11:54

Instrument :

BNA_F

ClientSampleId :

RBR-200050MSD

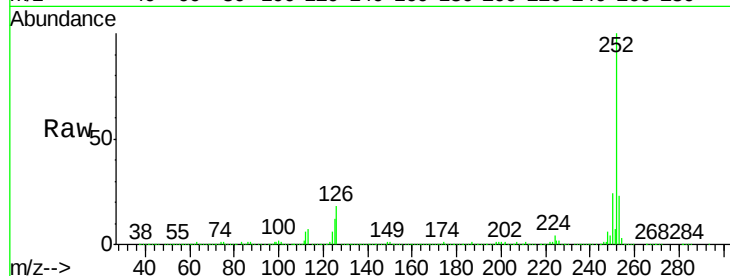
Tot Ion:252 Resp: 1896550

Ion Ratio Lower Upper

252 100

253 23.2 19.3 28.9

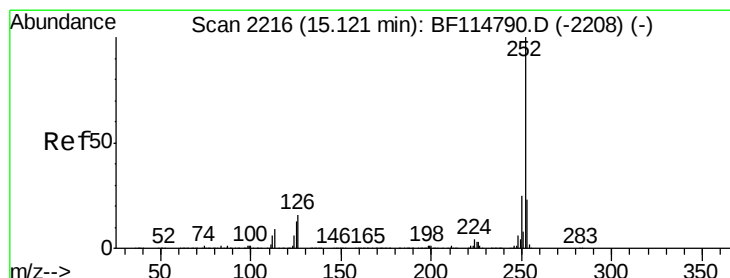
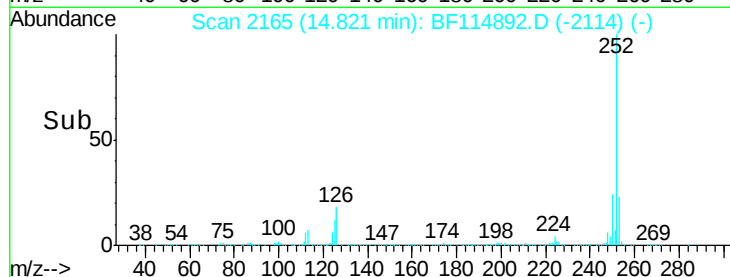
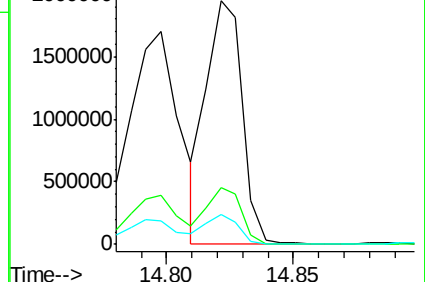
125 12.4 10.1 15.1



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 49.748 ng

RT: 15.13 min Scan# 2217

Delta R.T. 0.01 min

Lab File: BF114892.D

Acq: 7 Jun 2019 11:54

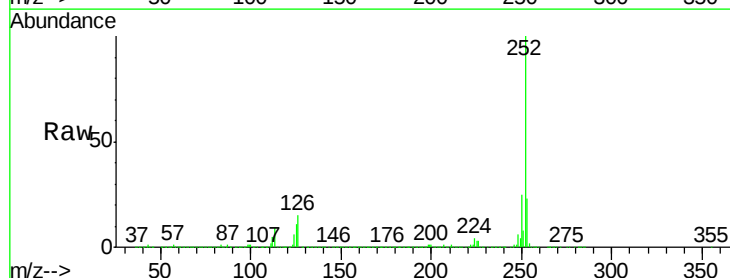
Tgt Ion:252 Resp: 2120391

Ion Ratio Lower Upper

252 100

253 22.6 18.5 27.7

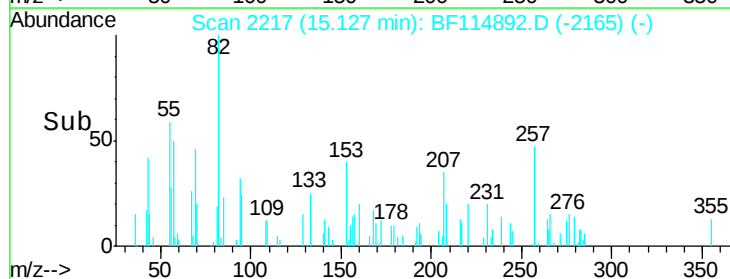
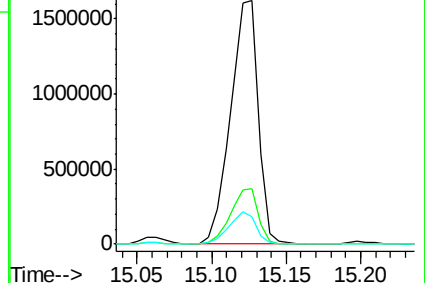
125 11.2 10.1 15.1

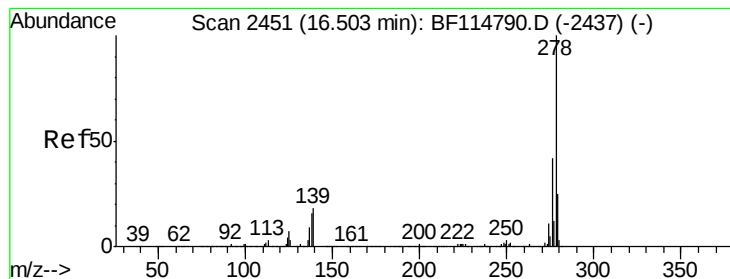


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 50.699 ng

RT: 16.51 min Scan# 2452

Delta R.T. 0.01 min

Lab File: BF114892.D

Acq: 7 Jun 2019 11:54

Instrument :

BNA_F

ClientSampleId :

RBR-200050MSD

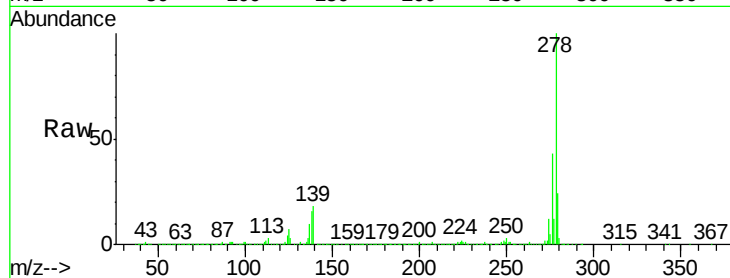
Tot Ion:278 Resp: 2046414

Ion Ratio Lower Upper

278 100

139 18.3 14.6 22.0

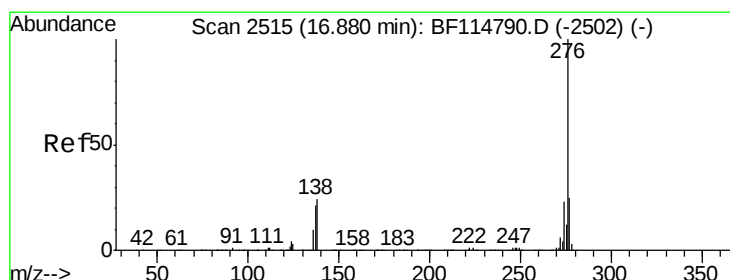
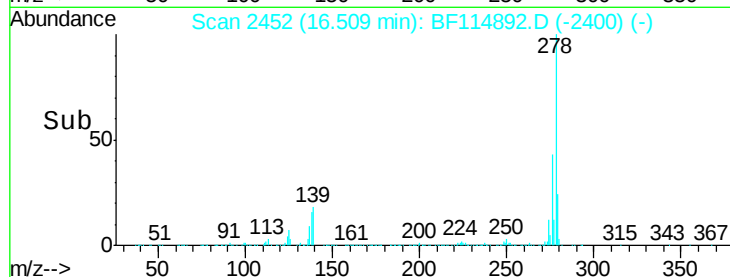
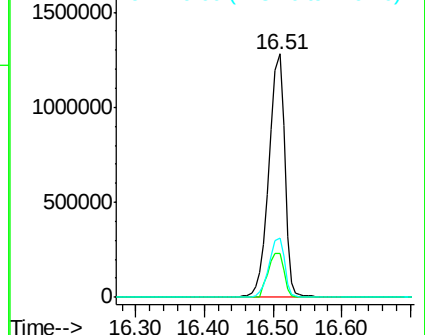
279 24.2 20.1 30.1



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: 54.621 ng

RT: 16.89 min Scan# 2516

Delta R.T. 0.01 min

Lab File: BF114892.D

Acq: 7 Jun 2019 11:54

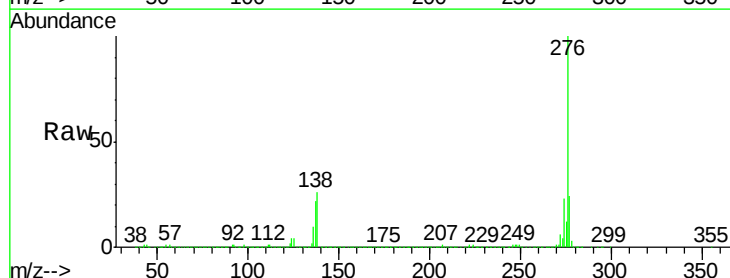
Tgt Ion:276 Resp: 2217081

Ion Ratio Lower Upper

276 100

277 23.7 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

