

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
 Data File : BF114873.D
 Acq On : 6 Jun 2019 20:17
 Operator : HP/JU
 Sample : K3211-03MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200050MS

Quant Time: Jun 07 00:03:17 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	6.67	152	489367	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	1910624	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	922755	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	1616840	20.00	ng	0.00
76) Chrysene-d12	13.80	240	833289	20.00	ng	0.00
87) Perylene-d12	15.18	264	950560	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	2839093	101.37	ng	0.02
7) Phenol-d6	6.32	99	3602953	105.73	ng	0.02
23) Nitrobenzene-d5	7.24	82	2299741	74.10	ng	0.00
42) 2,4,6-Tribromophenol	10.49	330	970463	97.59	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	3886408	78.90	ng	0.00
79) Terphenyl-d14	12.76	244	3645099	85.07	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.37	88	335223	25.070	ng	99
4) n-Nitrosodimethylamine	2.98	42	416601	30.976	ng	96
6) Aniline	6.33	93	210696	4.357	ng	# 1
8) 2-Chlorophenol	6.46	128	1077140	33.288	ng	98
9) Benzaldehyde	6.21	77	368683	15.597	ng	99
10) Phenol	6.33	94	1244642	31.938	ng	# 76
11) bis(2-Chloroethyl)ether	6.42	93	1013721	33.331	ng	100
12) 1,3-Dichlorobenzene	6.61	146	1156434	30.670	ng	98
13) 1,4-Dichlorobenzene	6.69	146	1184301	31.215	ng	99
14) 1,2-Dichlorobenzene	6.85	146	1084656	31.655	ng	98
15) Benzyl Alcohol	6.82	79	876501	34.012	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.96	45	1436727	33.030	ng	99
17) 2-Methylphenol	6.93	107	928458	33.568	ng	99
18) Hexachloroethane	7.19	117	431273	30.200	ng	95
19) n-Nitroso-di-n-propylamine	7.10	70	728234	32.283	ng	98
20) 3+4-Methylphenols	7.09	107	1027885	33.693	ng	89
22) Acetophenone	7.08	105	1460309	34.715	ng	# 98
24) Nitrobenzene	7.25	77	1118353	34.781	ng	98
25) Isophorone	7.50	82	2111525	34.412	ng	99
26) 2-Nitrophenol	7.57	139	621227	35.672	ng	95
27) 2,4-Dimethylphenol	7.62	122	1004292	37.942	ng	99
28) bis(2-Chloroethoxy)methane	7.71	93	1349937	34.417	ng	99
29) 2,4-Dichlorophenol	7.82	162	972970	34.939	ng	98
30) 1,2,4-Trichlorobenzene	7.90	180	1067193	33.399	ng	99
31) Naphthalene	7.97	128	3040619	35.349	ng	99
32) Benzoic acid	7.68	122	68901	3.574	ng	99
33) 4-Chloroaniline	8.02	127	499341	12.169	ng	96
34) Hexachlorobutadiene	8.10	225	583486	32.119	ng	99
35) Caprolactam	8.39	113	72199	7.937	ng	96
36) 4-Chloro-3-methylphenol	8.51	107	973016	35.114	ng	100
37) 2-Methylnaphthalene	8.66	142	2123356	35.589	ng	100
38) 1-Methylnaphthalene	8.76	142	1989519	35.163	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	912215	34.304	ng	99
41) Hexachlorocyclopentadiene	8.83	237	989040	61.324	ng	100

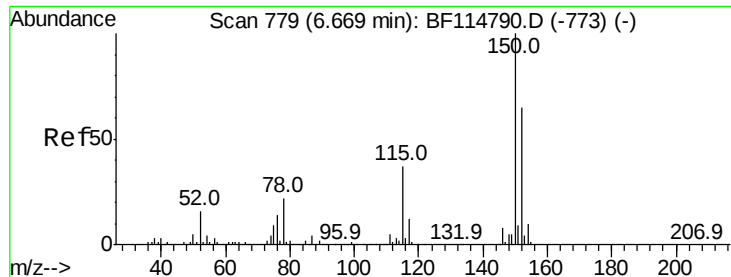
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
 Data File : BF114873.D
 Acq On : 6 Jun 2019 20:17
 Operator : HP/JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 04 16:57:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	8.94	196	702234	33.961	nq	99
44) 2,4,5-Trichlorophenol	8.98	196	726361	34.880	nq	99
46) 1,1'-Biphenyl	9.13	154	2452563	35.861	nq	99
47) 2-Chloronaphthalene	9.15	162	1969159	33.885	nq	99
48) 2-Nitroaniline	9.25	65	573724	33.083	nq	94
49) Acenaphthylene	9.56	152	2938147	34.865	nq	100
50) Dimethylphthalate	9.43	163	2866376	42.531	nq	99
51) 2,6-Dinitrotoluene	9.49	165	557887	35.199	nq	92
52) Acenaphthene	9.73	154	1910144	34.601	nq	99
53) 3-Nitroaniline	9.65	138	494626	26.714	nq	94
54) 2,4-Dinitrophenol	9.76	184	277735	38.724	nq	99
55) Dibenzofuran	9.90	168	2605672	33.944	nq	99
56) 4-Nitrophenol	9.82	139	832442	61.356	nq	97
57) 2,4-Dinitrotoluene	9.89	165	691186	34.690	nq	100
58) Fluorene	10.25	166	1811329	34.711	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.02	232	570429	33.434	nq	99
60) Diethylphthalate	10.13	149	2274781	33.637	nq	100
61) 4-Chlorophenyl-phenylether	10.24	204	919105	31.261	nq	99
62) 4-Nitroaniline	10.26	138	545656	30.384	nq	99
63) Azobenzene	10.40	77	1994718	34.651	nq	98
65) 4,6-Dinitro-2-methylphenol	10.30	198	253060	30.131	nq	98
66) n-Nitrosodiphenylamine	10.36	169	1781423	36.437	nq	100
67) 4-Bromophenyl-phenylether	10.73	248	624881	34.029	nq	96
68) Hexachlorobenzene	10.80	284	674000	33.537	nq	97
69) Atrazine	10.89	200	553976	32.580	nq	99
70) Pentachlorophenol	10.99	266	714130	61.467	nq	99
71) Phenanthrene	11.20	178	2788239	36.124	nq	99
72) Anthracene	11.25	178	2826069	34.791	nq	99
73) Carbazole	11.40	167	2443956	35.097	nq	99
74) Di-n-butylphthalate	11.74	149	3167132	34.580	nq	99
75) Fluoranthene	12.38	202	2786284	34.683	nq	99
78) Pyrene	12.60	202	2771150	38.335	nq	100
80) Butylbenzylphthalate	13.23	149	1336724	36.618	nq	97
81) Benzo(a)anthracene	13.79	228	2163574	33.694	nq	98
82) 3,3'-Dichlorobenzidine	13.75	252	548846	21.079	nq	99
83) Chrysene	13.83	228	2161188	34.597	nq	99
84) Bis(2-ethylhexyl)phthalate	13.80	149	1715275	37.160	nq	98
85) Di-n-octyl phthalate	14.41	149	2938094	37.460	nq	99
86) Indeno(1,2,3-cd)pyrene	16.50	276	2108990	29.590	nq	99
88) Benzo(b)fluoranthene	14.80	252	2105407	34.792	nq	98
89) Benzo(k)fluoranthene	14.83	252	1874772	36.481	nq	97
90) Benzo(a)pyrene	15.13	252	1911036	36.486	nq	100
91) Dibenzo(a,h)anthracene	16.52	278	1738428	35.047	nq	99
92) Benzo(g,h,i)perylene	16.89	276	1767948	35.444	nq	98

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

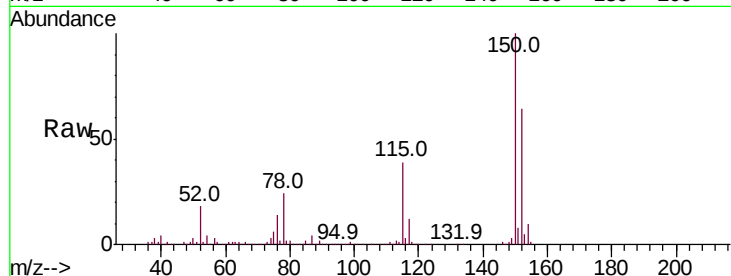


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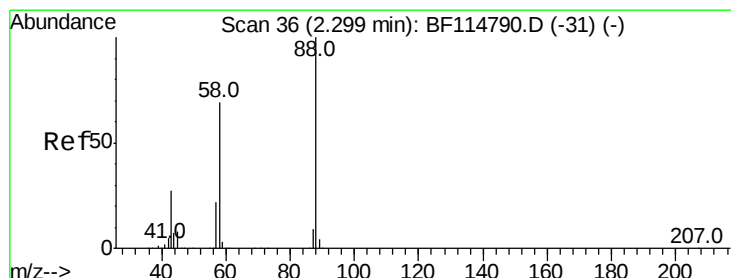
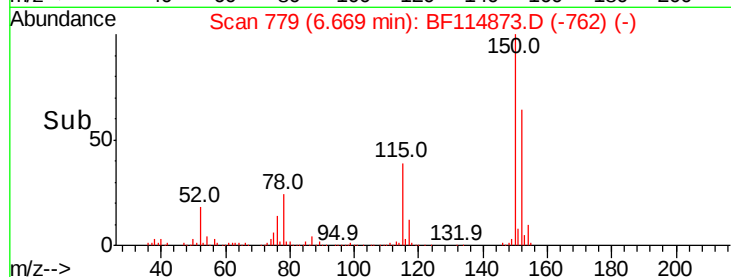
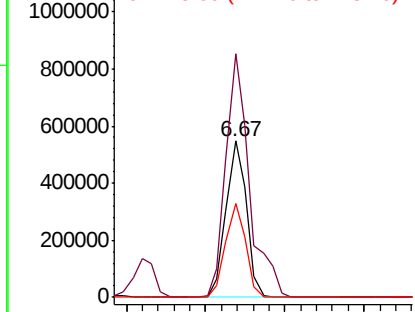
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.00 min
Lab File: BF114873.D
Acq: 6 Jun 2019 20:17

Instrument :
BNA_F
ClientSampleId :
RBR-200050MS

Tot Ion:152 Resp: 489367
Ion Ratio Lower Upper
152 100
150 156.0 124.0 186.0
115 60.5 46.3 69.5



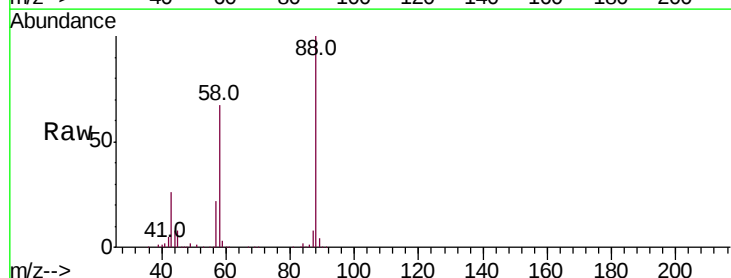
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



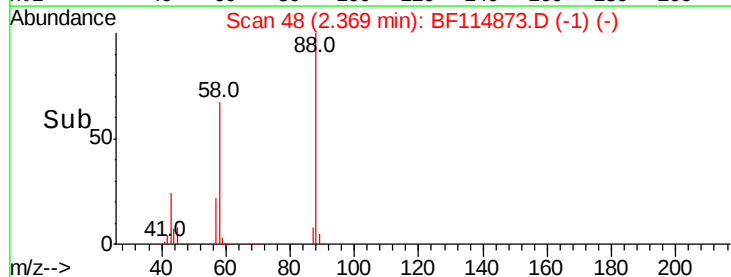
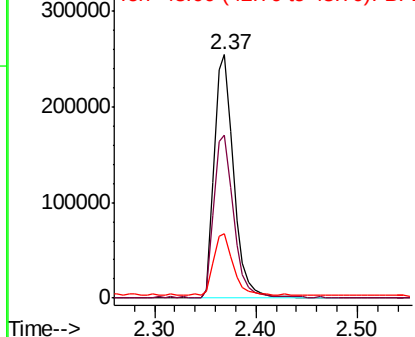
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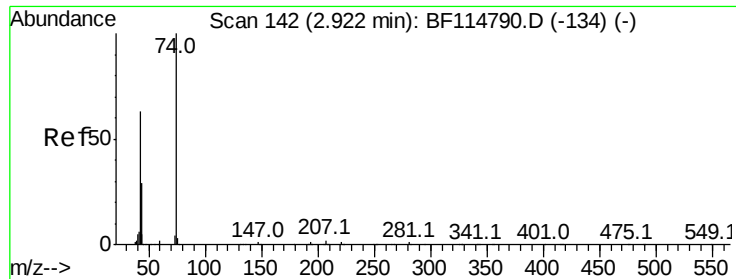
1,4-Dioxane
Concen: 25.070 ng
RT: 2.37 min Scan# 48
Delta R.T. 0.07 min
Lab File: BF114873.D
Acq: 6 Jun 2019 20:17

Tgt Ion: 88 Resp: 335223
Ion Ratio Lower Upper
88 100
58 68.0 53.8 80.8
43 25.2 20.7 31.1



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



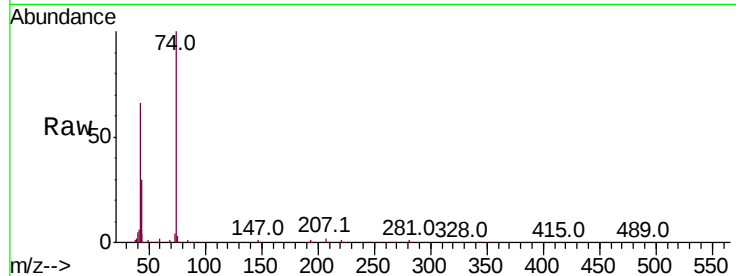


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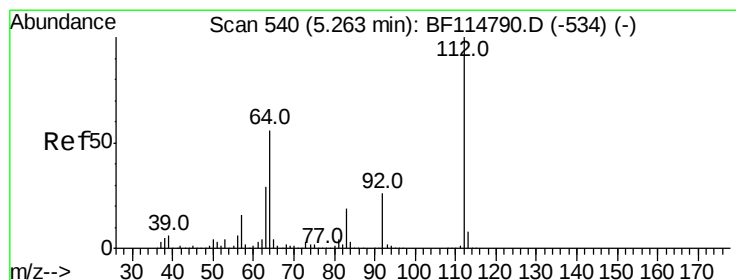
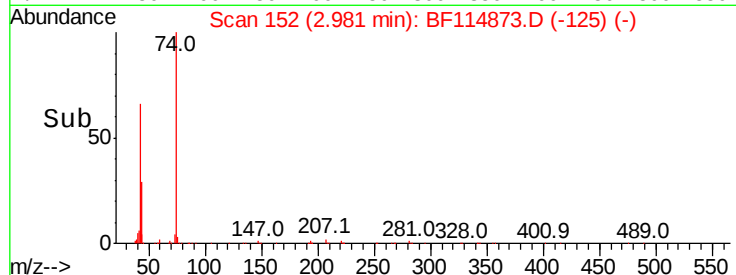
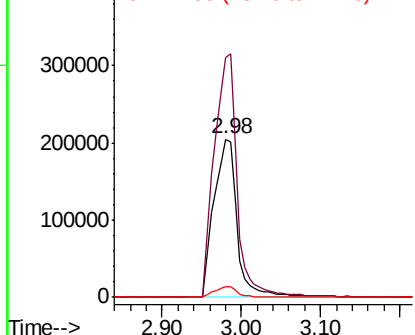
n-Nitrosodimethylamine
Concen: 30.976 ng
RT: 2.98 min Scan# 152
Delta R.T. 0.06 min
Lab File: BF114873.D
Acq: 6 Jun 2019 20:17

Instrument :
BNA_F
ClientSampleId :
RBR-200050MS

Tot Ion: 42 Resp: 416601
Ion Ratio Lower Upper
42 100
74 151.7 126.2 189.2
44 6.7 5.9 8.9



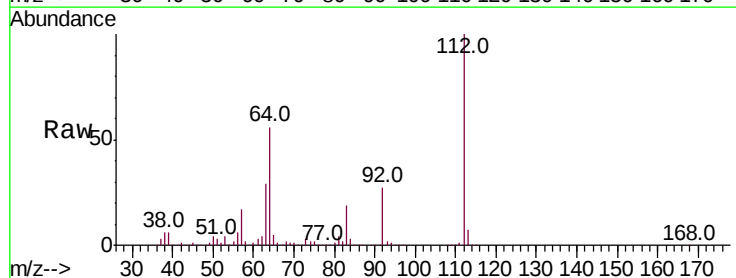
Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1



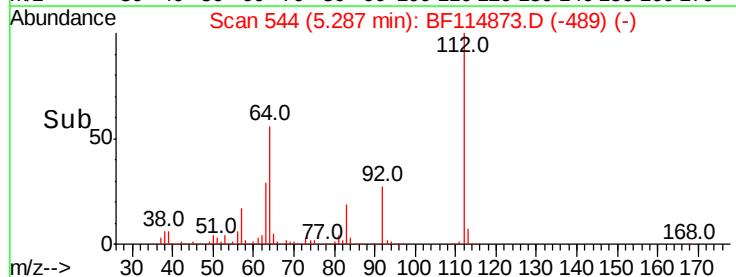
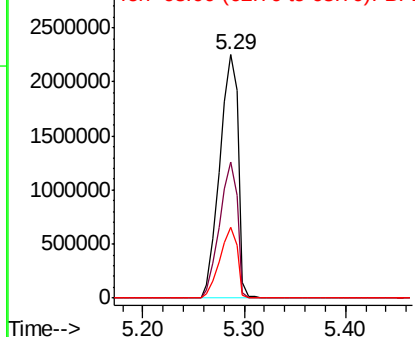
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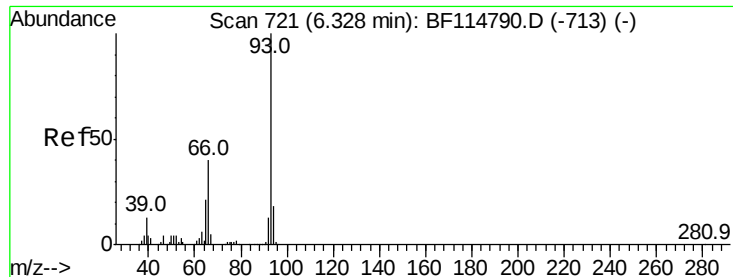
2-Fluorophenol
Concen: 101.374 ng
RT: 5.29 min Scan# 544
Delta R.T. 0.02 min
Lab File: BF114873.D
Acq: 6 Jun 2019 20:17

Tgt Ion: 112 Resp: 2839093
Ion Ratio Lower Upper
112 100
64 55.7 44.6 66.8
63 29.3 23.0 34.4



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#6

Aniline

Concen: 4.357 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF114873.D

Acq: 6 Jun 2019 20:17

Instrument :

BNA_F

ClientSampleId :

RBR-200050MS

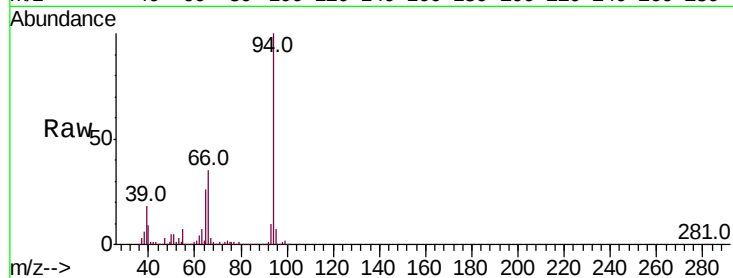
Tot Ion: 93 Resp: 210696

Ion Ratio Lower Upper

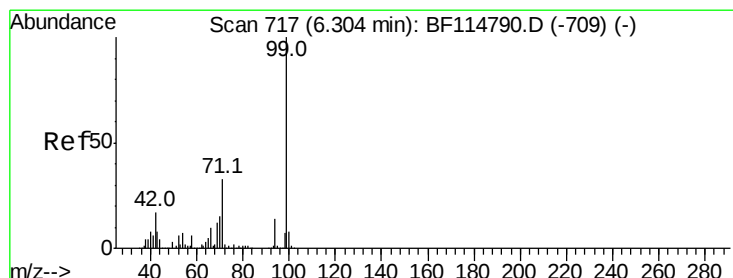
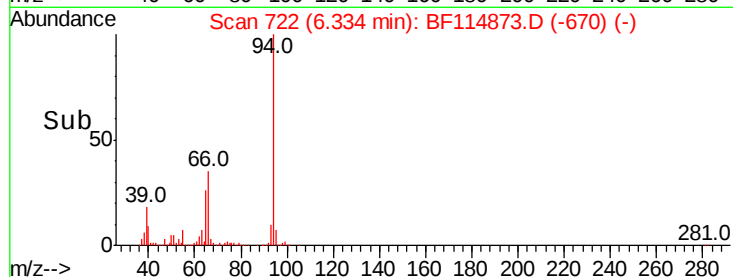
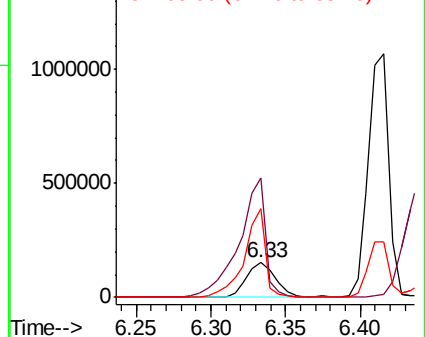
93 100

66 346.4 32.8 49.2#

65 256.1 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: 105.727 ng

RT: 6.32 min Scan# 720

Delta R.T. 0.02 min

Lab File: BF114873.D

Acq: 6 Jun 2019 20:17

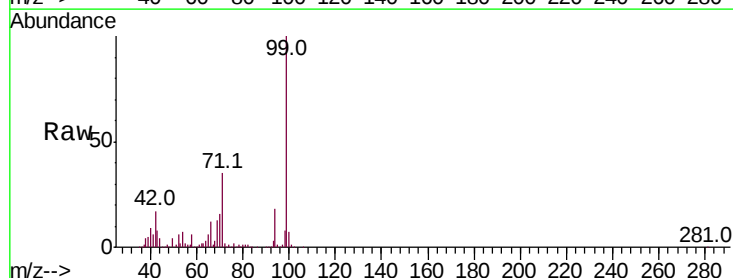
Tgt Ion: 99 Resp: 3602953

Ion Ratio Lower Upper

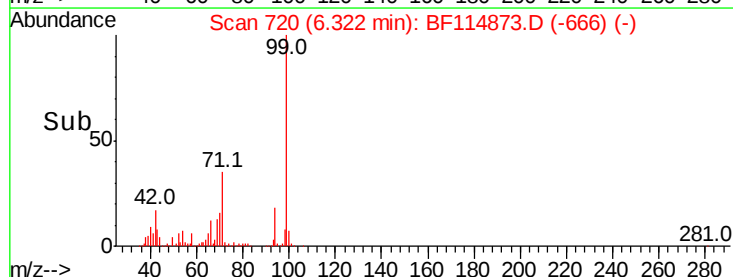
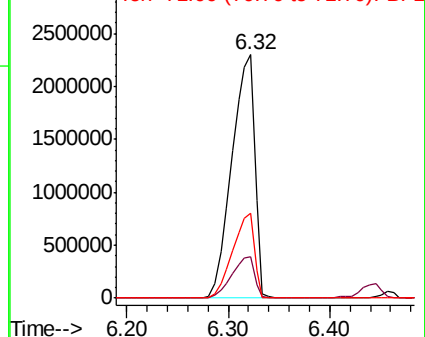
99 100

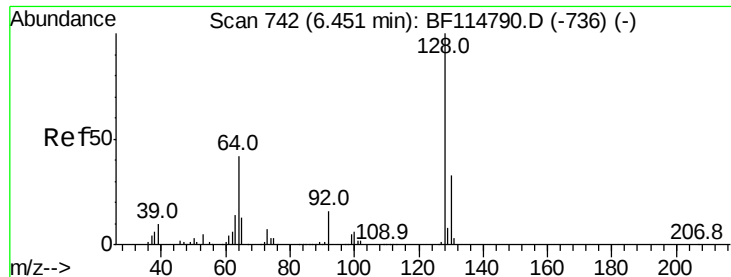
42 17.0 13.3 19.9

71 34.7 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: 33.288 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF114873.D

Acq: 6 Jun 2019 20:17

Instrument :

BNA_F

ClientSampleId :

RBR-200050MS

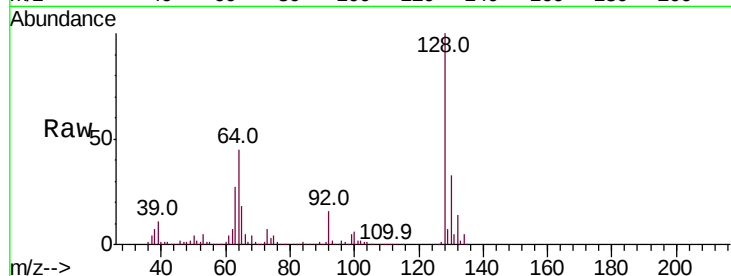
Tot Ion:128 Resp: 1077140

Ion Ratio Lower Upper

128 100

130 33.1 12.7 52.7

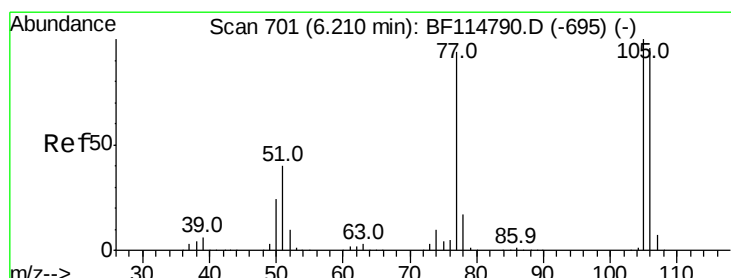
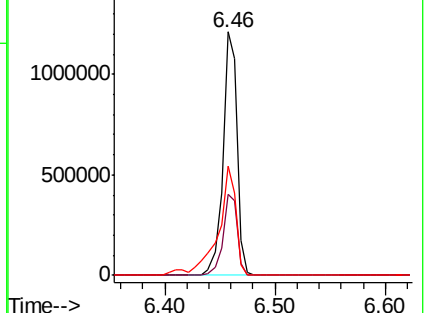
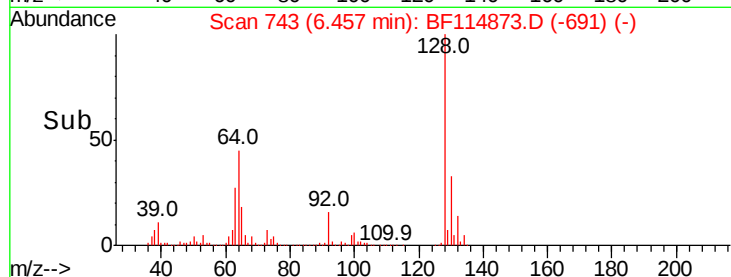
64 44.6 22.5 62.5



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: 15.597 ng

RT: 6.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BF114873.D

Acq: 6 Jun 2019 20:17

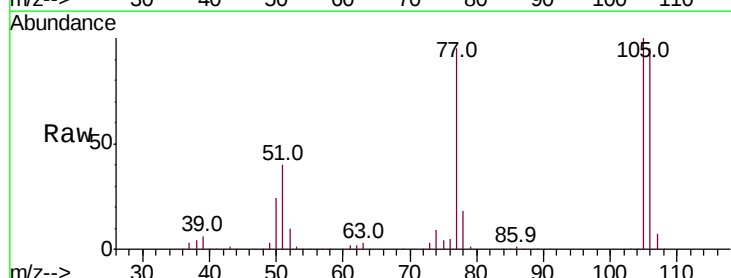
Tgt Ion: 77 Resp: 368683

Ion Ratio Lower Upper

77 100

105 105.1 85.8 125.8

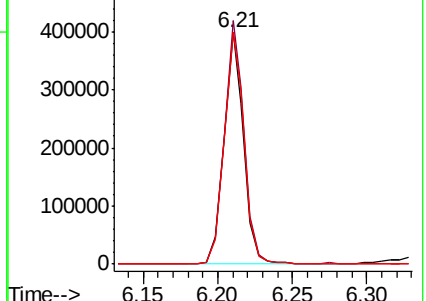
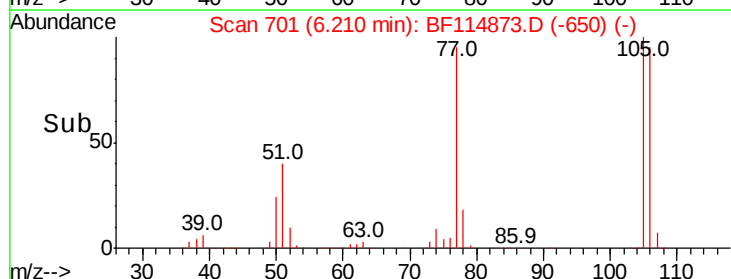
106 100.2 81.6 121.6

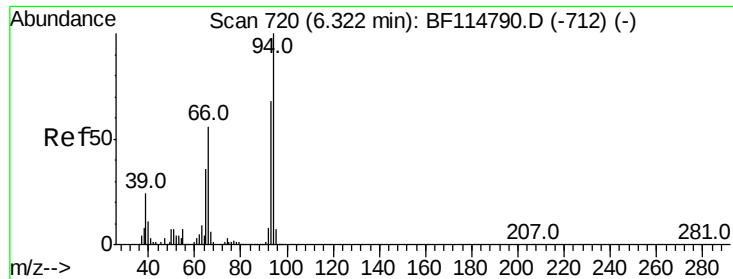


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 31.938 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF114873.D

Acq: 6 Jun 2019 20:17

Instrument :

BNA_F

ClientSampleId :

RBR-200050MS

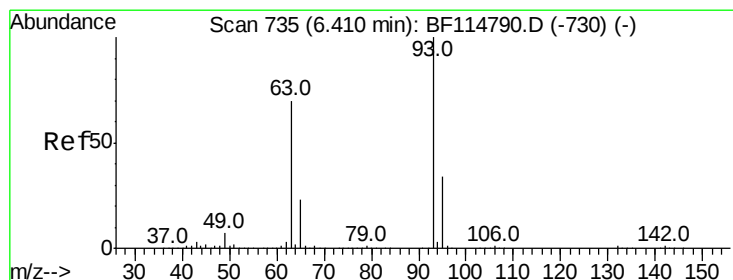
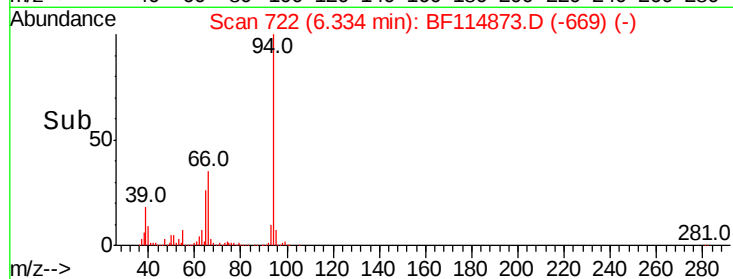
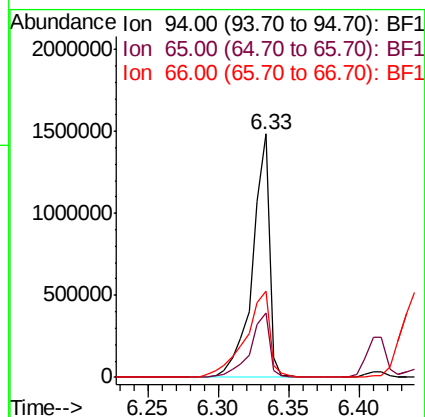
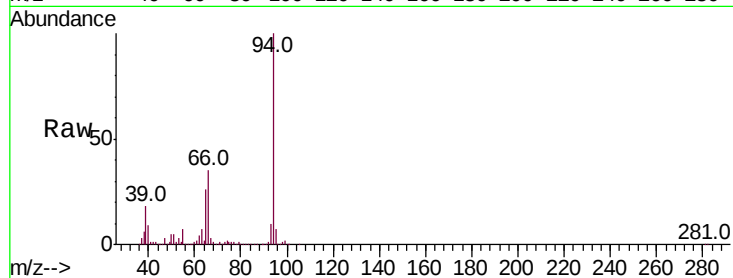
Tot Ion: 94 Resp: 1244642

Ion Ratio Lower Upper

94 100

65 26.2 16.1 56.1

66 35.5 36.3 76.3#



#11

bis(2-Chloroethyl)ether

Concen: 33.331 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF114873.D

Acq: 6 Jun 2019 20:17

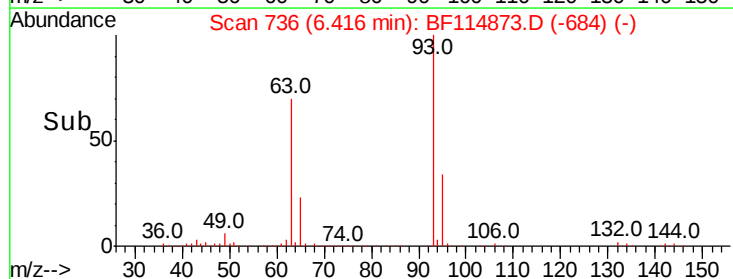
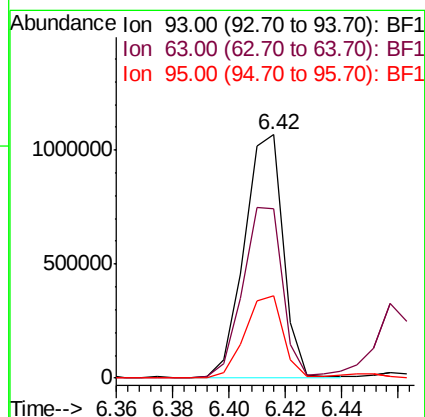
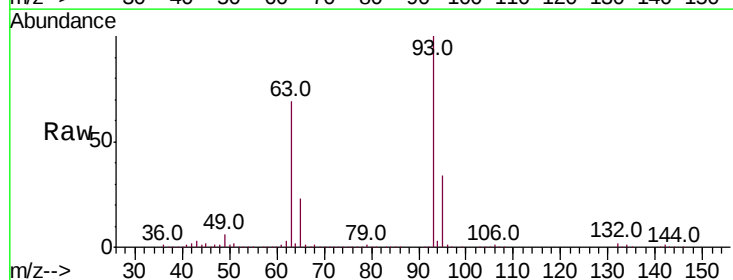
Tgt Ion: 93 Resp: 1013721

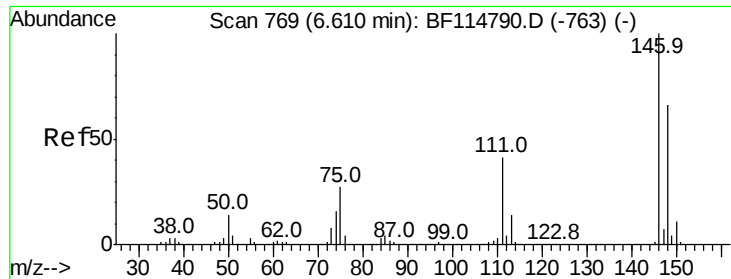
Ion Ratio Lower Upper

93 100

63 69.4 49.6 89.6

95 33.8 13.6 53.6





#12

1,3-Dichlorobenzene

Concen: 30.670 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.00 min

Lab File: BF114873.D

Acq: 6 Jun 2019 20:17

Instrument :

BNA_F

ClientSampleId :

RBR-200050MS

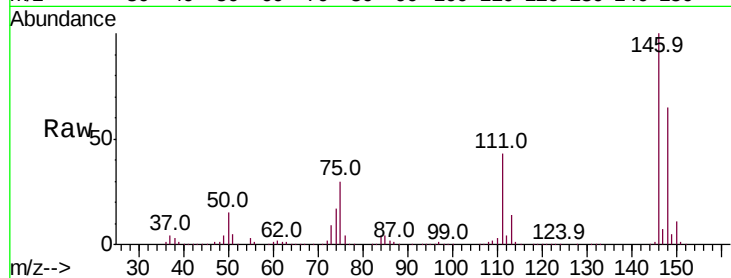
Tot Ion:146 Resp: 1156434

Ion Ratio Lower Upper

146 100

148 65.5 52.7 79.1

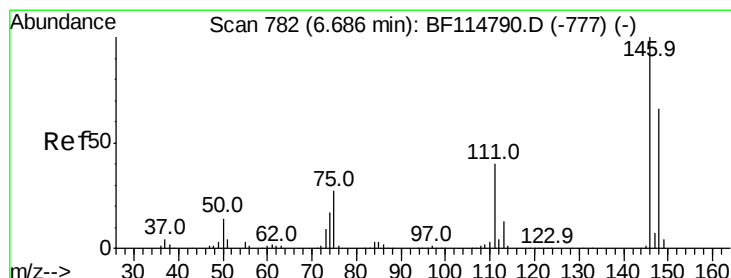
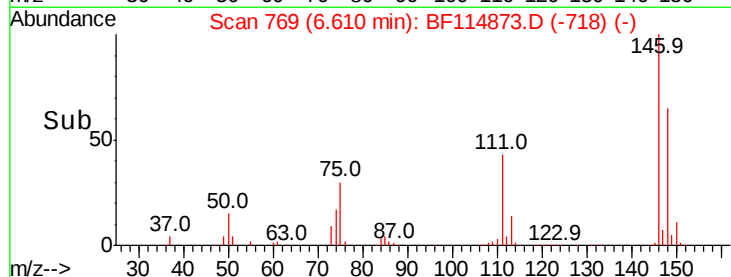
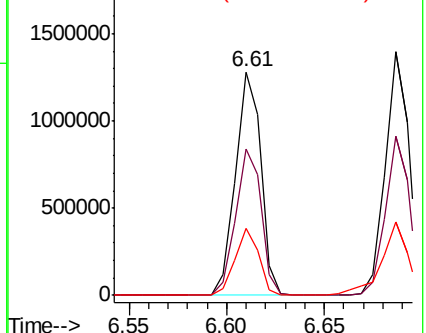
75 30.3 22.0 33.0



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: 31.215 ng

RT: 6.69 min Scan# 782

Delta R.T. -0.00 min

Lab File: BF114873.D

Acq: 6 Jun 2019 20:17

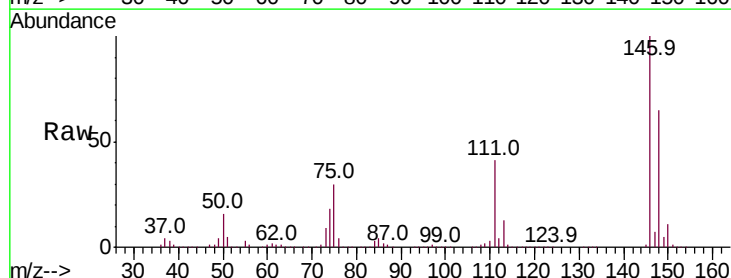
Tgt Ion:146 Resp: 1184301

Ion Ratio Lower Upper

146 100

148 65.4 53.0 79.4

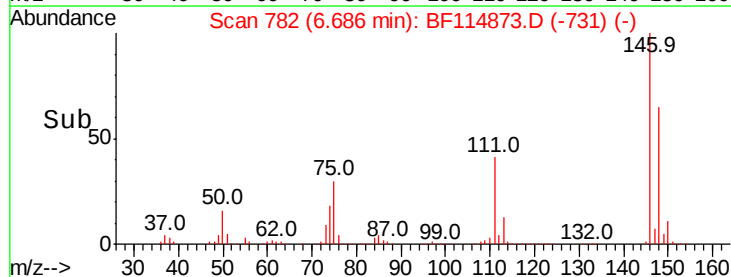
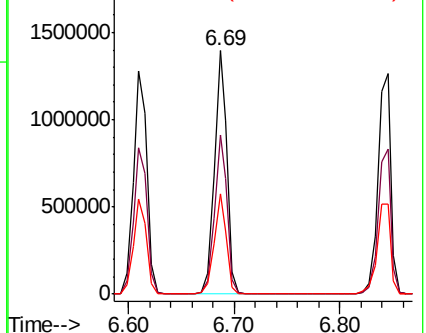
111 41.4 32.2 48.4

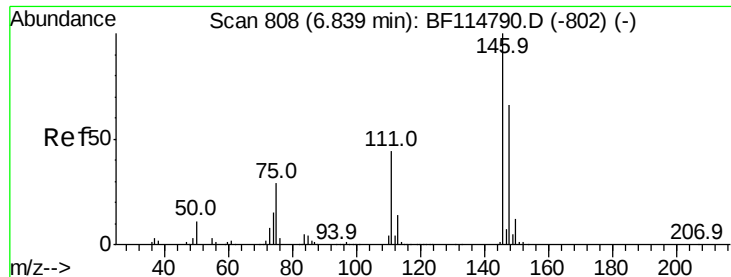


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

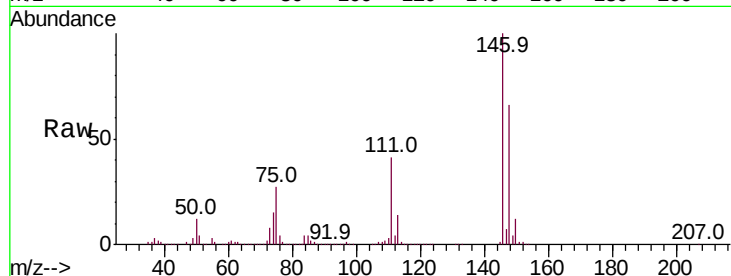




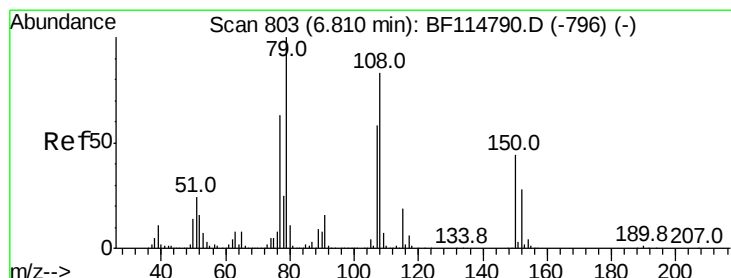
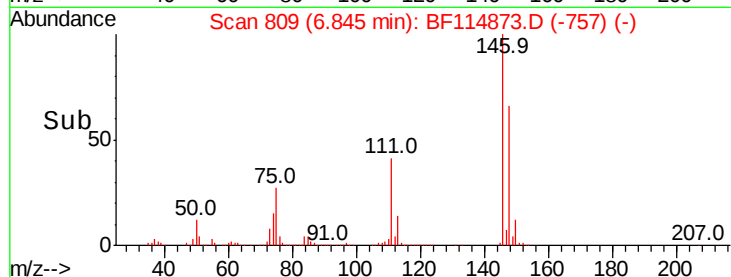
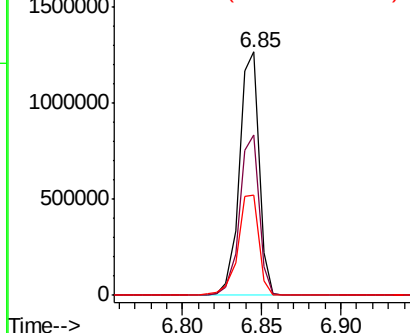
#14
 1,2-Dichlorobenzene
 Concen: 31.655 ng
 RT: 6.85 min Scan# 809
 Delta R.T. 0.01 min
 Lab File: BF114873.D
 Acq: 6 Jun 2019 20:17

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200050MS

Tot Ion:146 Resp: 1084656
 Ion Ratio Lower Upper
 146 100
 148 65.8 52.5 78.7
 111 40.9 34.8 52.2

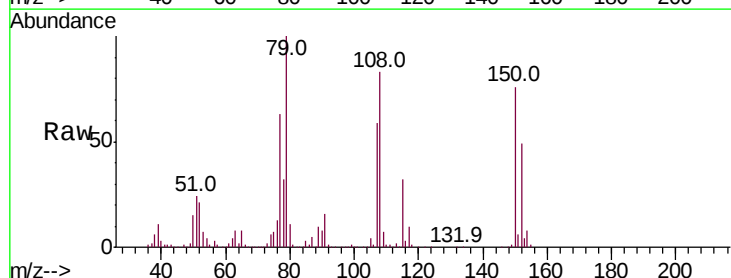


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

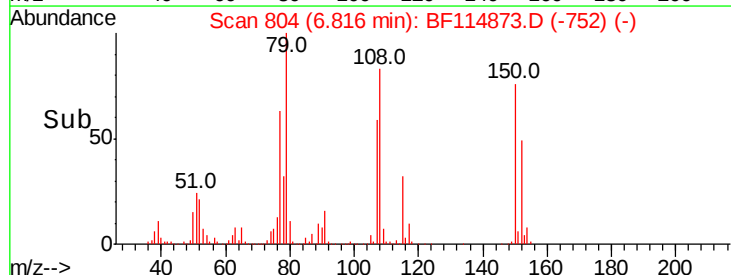
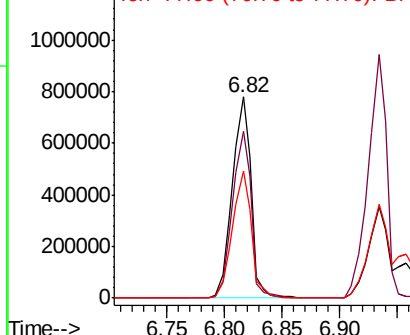


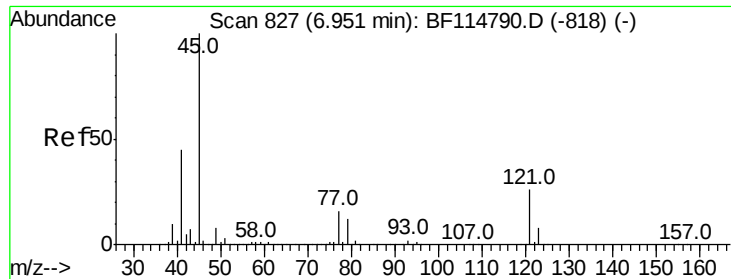
#15
 Benzyl Alcohol
 Concen: 34.012 ng
 RT: 6.82 min Scan# 804
 Delta R.T. 0.01 min
 Lab File: BF114873.D
 Acq: 6 Jun 2019 20:17

Tgt Ion: 79 Resp: 876501
 Ion Ratio Lower Upper
 79 100
 108 83.2 66.8 100.2
 77 63.4 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

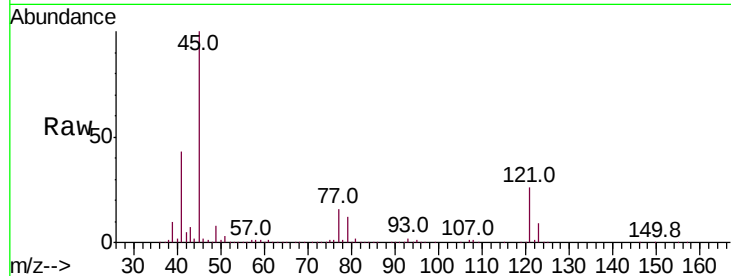




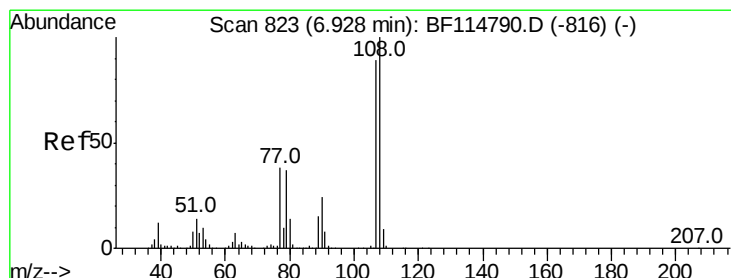
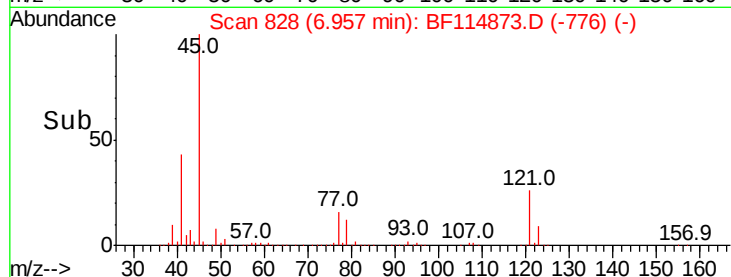
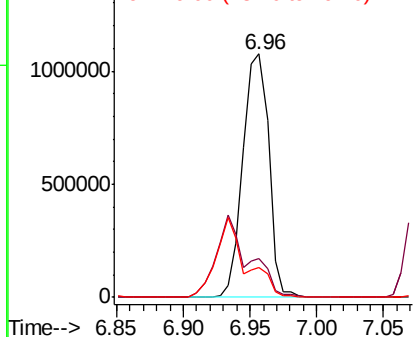
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 33.030 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.01 min
Lab File: BF114873.D
Acq: 6 Jun 2019 20:17

Instrument :
BNA_F
ClientSampleId :
RBR-200050MS

Tot Ion: 45 Resp: 1436727
Ion Ratio Lower Upper
45 100
77 15.8 0.0 35.8
79 12.5 0.0 32.0

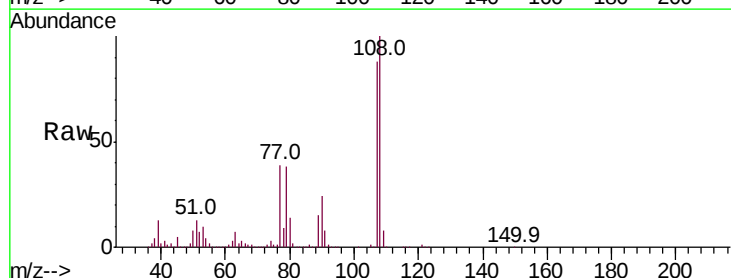


Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

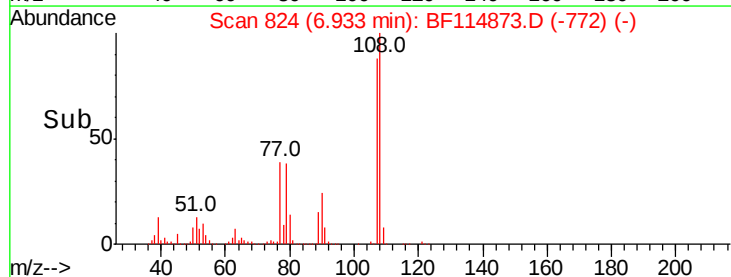
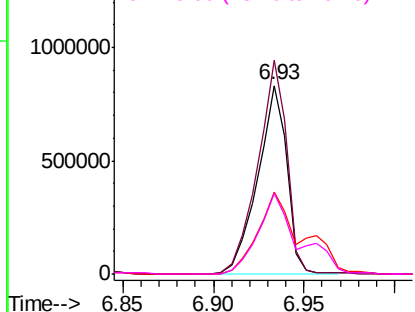


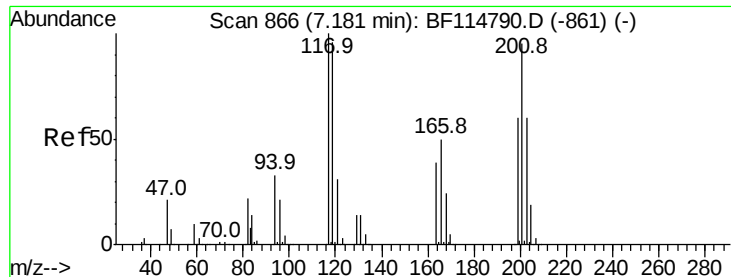
#17
2-Methylphenol
Concen: 33.568 ng
RT: 6.93 min Scan# 824
Delta R.T. 0.01 min
Lab File: BF114873.D
Acq: 6 Jun 2019 20:17

Tgt Ion:107 Resp: 928458
Ion Ratio Lower Upper
107 100
108 113.4 90.2 135.2
77 43.7 34.5 51.7
79 42.6 33.8 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

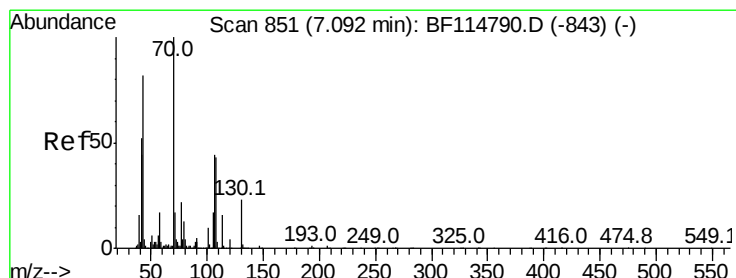
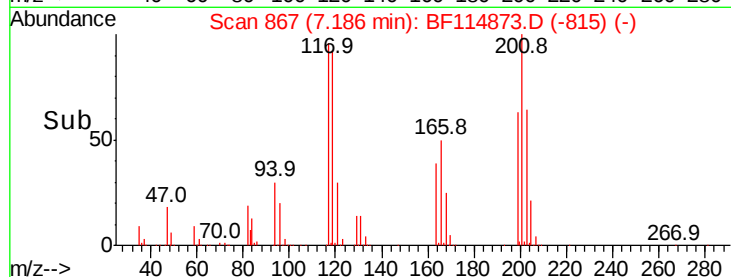
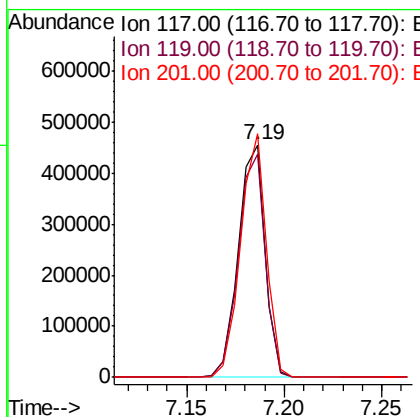
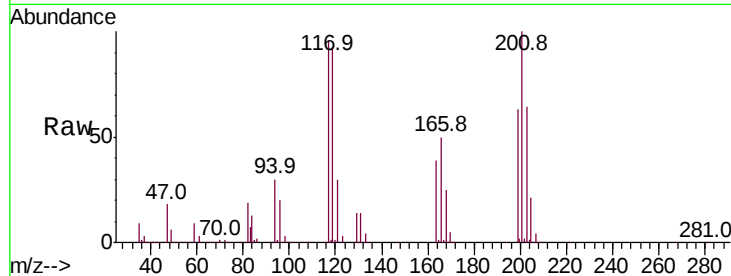




#18
Hexachloroethane
Concen: 30.200 ng
RT: 7.19 min Scan# 867
Delta R.T. 0.01 min
Lab File: BF114873.D
Acq: 6 Jun 2019 20:17

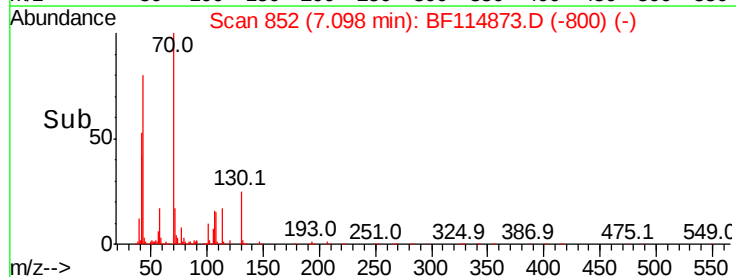
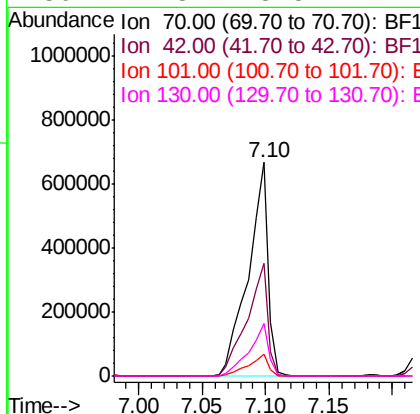
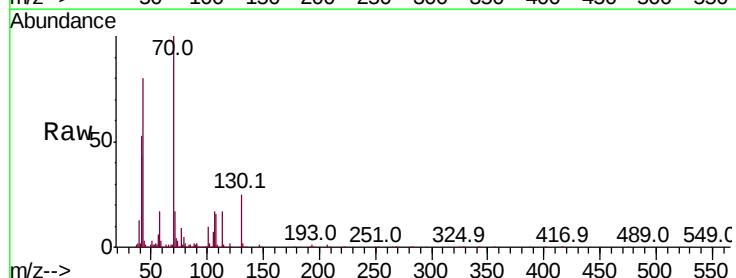
Instrument :
BNA_F
ClientSampleId :
RBR-200050MS

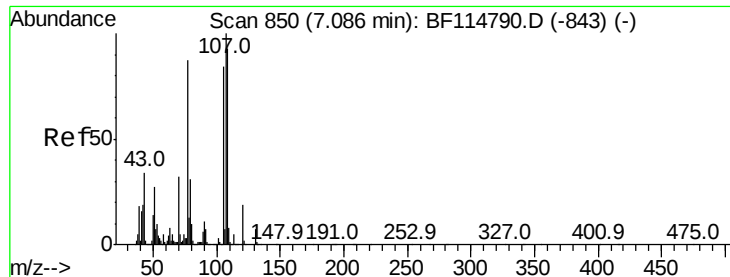
Tot Ion:117 Resp: 431273
Ion Ratio Lower Upper
117 100
119 96.2 77.0 115.4
201 104.6 76.0 114.0



#19
n-Nitroso-di-n-propylamine
Concen: 32.283 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.01 min
Lab File: BF114873.D
Acq: 6 Jun 2019 20:17

Tgt Ion: 70 Resp: 728234
Ion Ratio Lower Upper
70 100
42 53.0 41.8 62.8
101 10.2 8.2 12.4
130 24.8 18.5 27.7





#20

3+4-Methylphenols

Concen: 33.693 ng

RT: 7.09 min Scan# 850

Delta R.T. -0.00 min

Lab File: BF114873.D

Acq: 6 Jun 2019 20:17

Instrument :

BNA_F

ClientSampleId :

RBR-200050MS

Tot Ion:107 Resp: 1027885

Ion	Ratio	Lower	Upper
107	100		
108	89.8	73.5	113.5
77	107.0	67.2	107.2
79	27.4	10.6	50.6

107 100

108 89.8 73.5 113.5

77 107.0 67.2 107.2

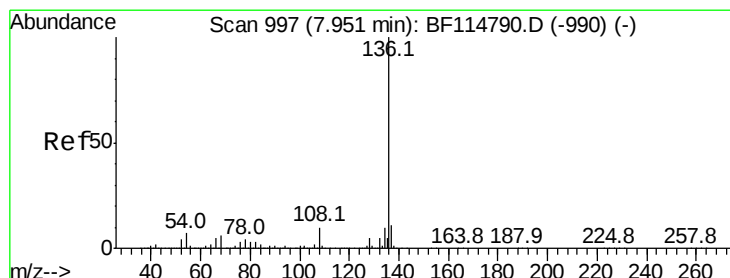
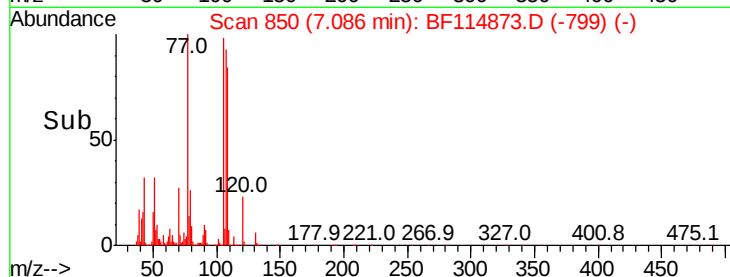
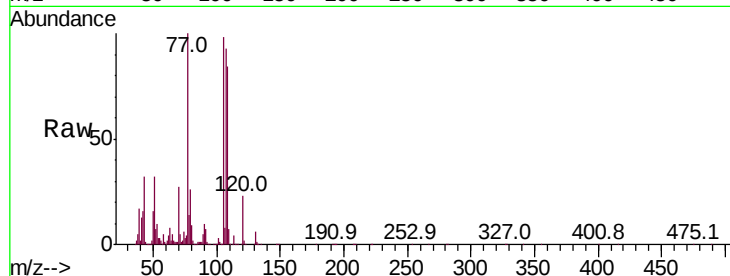
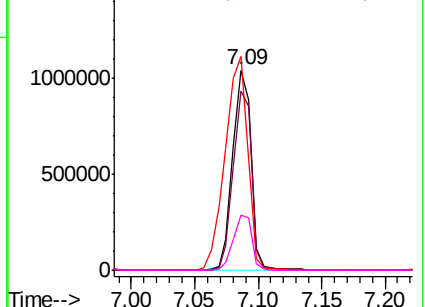
79 27.4 10.6 50.6

Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.00 min

Lab File: BF114873.D

Acq: 6 Jun 2019 20:17

Tgt Ion:136 Resp: 1910624

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.1	13.7
54	7.3	5.4	8.0
68	6.4	4.6	6.8

136 100

137 11.7 9.1 13.7

54 7.3 5.4 8.0

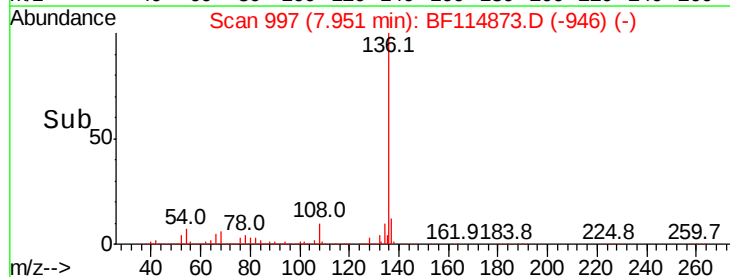
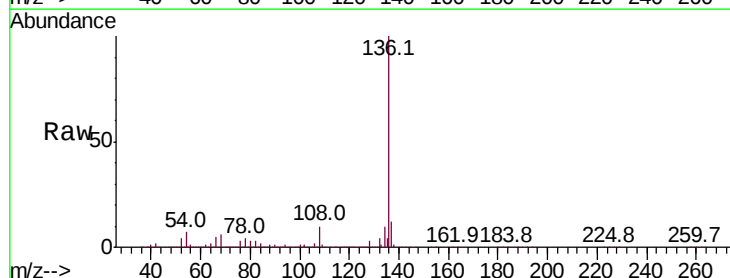
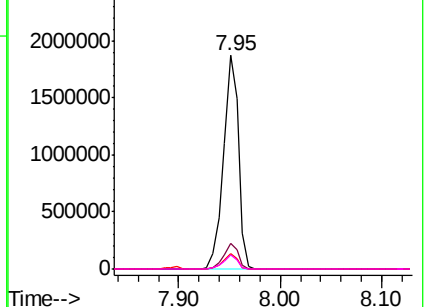
68 6.4 4.6 6.8

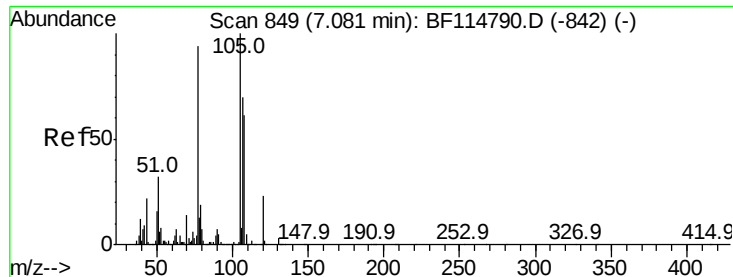
Abundance Ion 136.00 (135.70 to 136.70): E

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

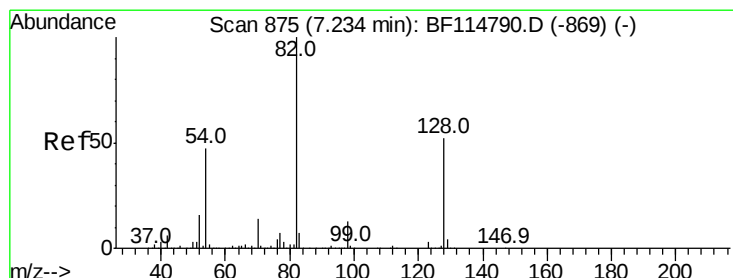
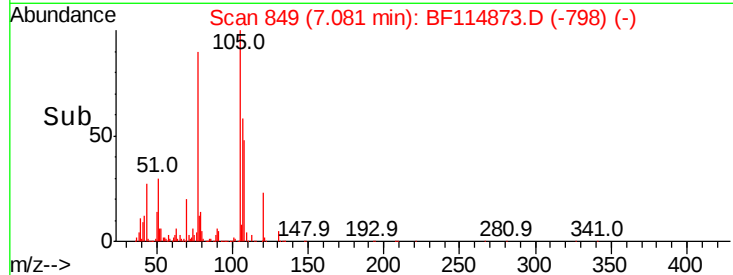
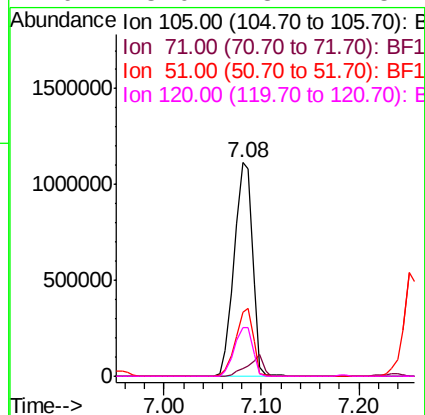
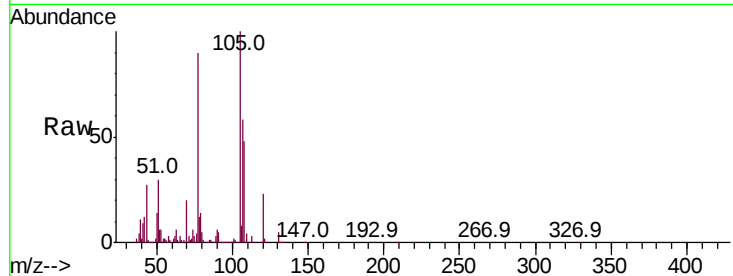




#22
Acetophenone
Concen: 34.715 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BF114873.D
Acq: 6 Jun 2019 20:17

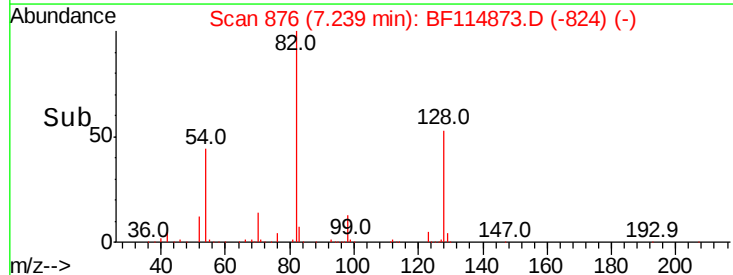
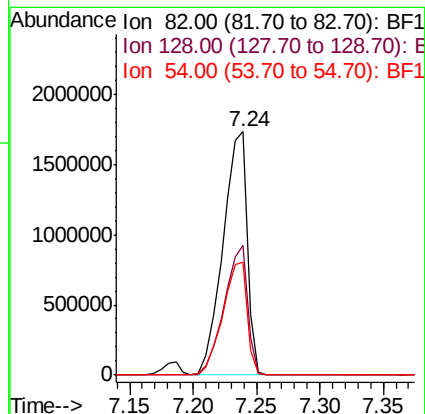
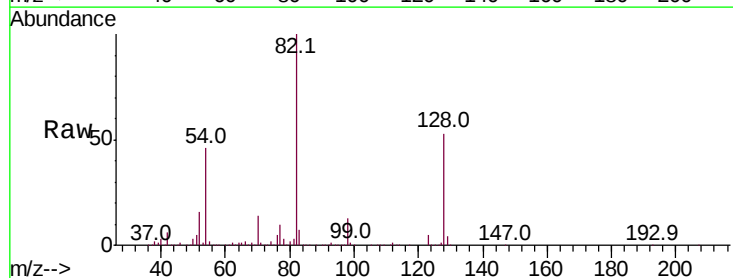
Instrument :
BNA_F
ClientSampleId :
RBR-200050MS

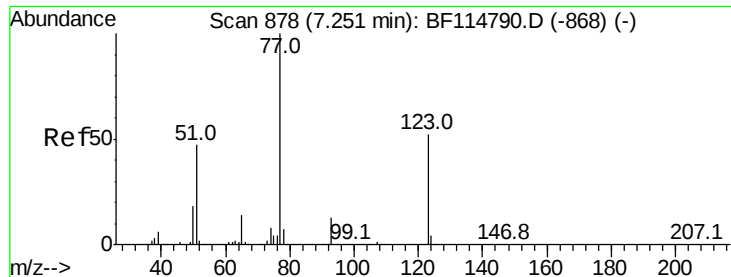
Tot Ion:105 Resp: 1460309
Ion Ratio Lower Upper
105 100
71 3.3 2.0 3.0#
51 29.7 25.4 38.0
120 23.0 18.7 28.1



#23
Nitrobenzene-d5
Concen: 74.095 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.01 min
Lab File: BF114873.D
Acq: 6 Jun 2019 20:17

Tgt Ion: 82 Resp: 2299741
Ion Ratio Lower Upper
82 100
128 53.3 41.8 62.6
54 46.3 37.9 56.9

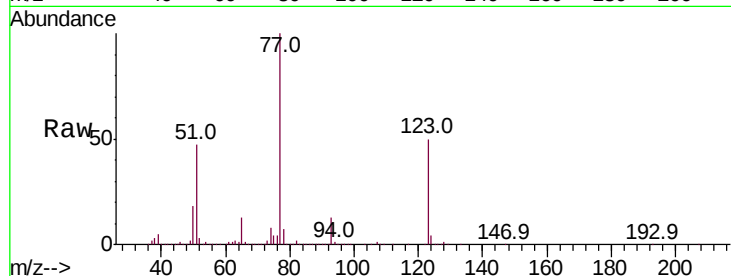




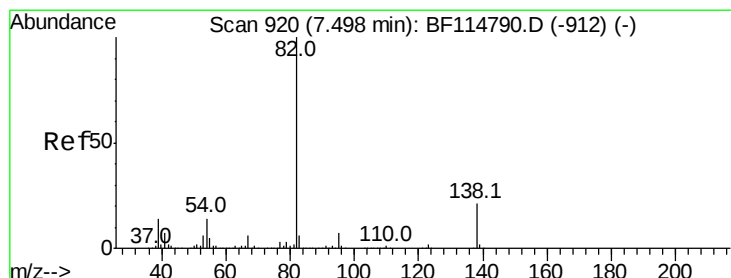
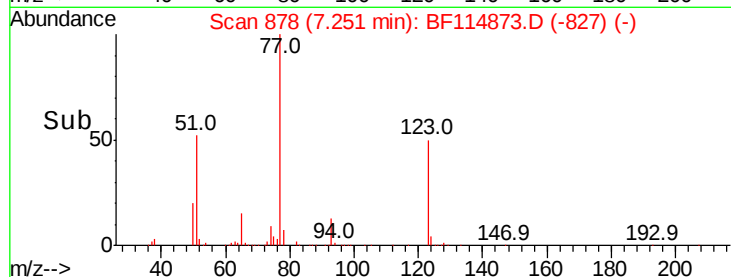
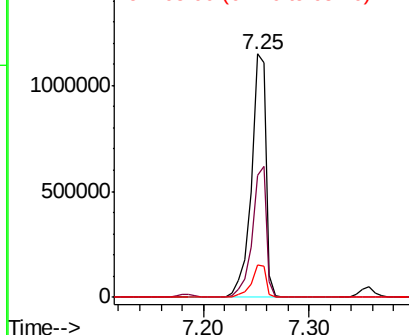
#24
Nitrobenzene
Concen: 34.781 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.00 min
Lab File: BF114873.D
Acq: 6 Jun 2019 20:17

Instrument :
BNA_F
ClientSampleId :
RBR-200050MS

Tot Ion: 77 Resp: 1118353
Ion Ratio Lower Upper
77 100
123 50.2 41.5 62.3
65 13.2 10.8 16.2

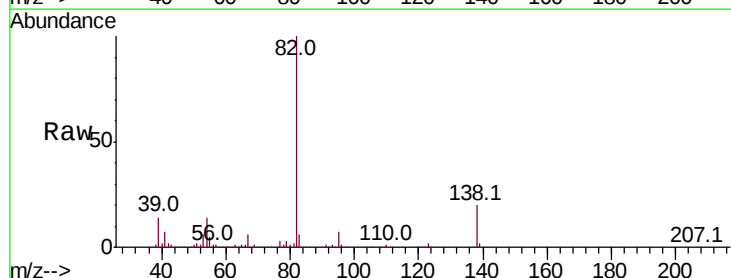


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1

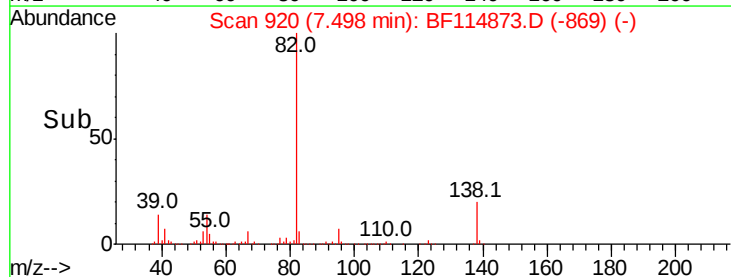
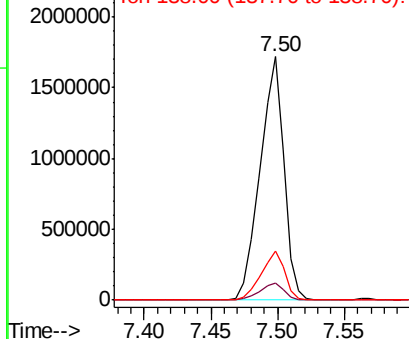


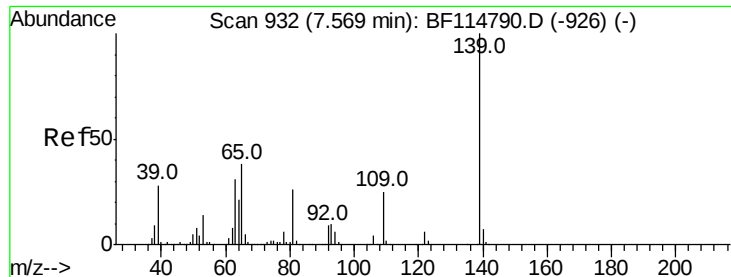
#25
Isophorone
Concen: 34.412 ng
RT: 7.50 min Scan# 920
Delta R.T. -0.00 min
Lab File: BF114873.D
Acq: 6 Jun 2019 20:17

Tgt Ion: 82 Resp: 2111525
Ion Ratio Lower Upper
82 100
95 7.1 5.8 8.8
138 20.3 16.9 25.3



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

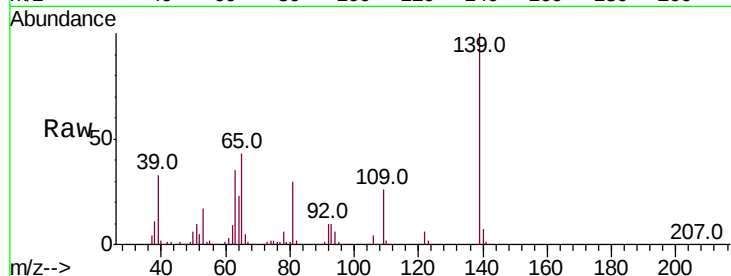




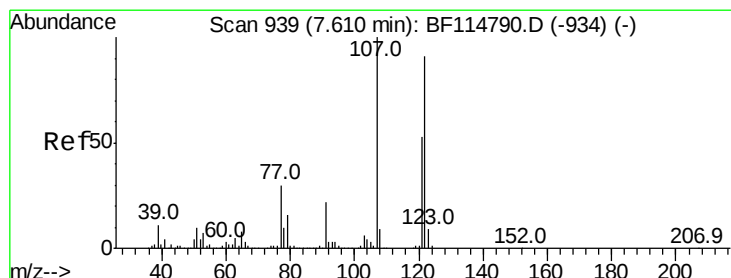
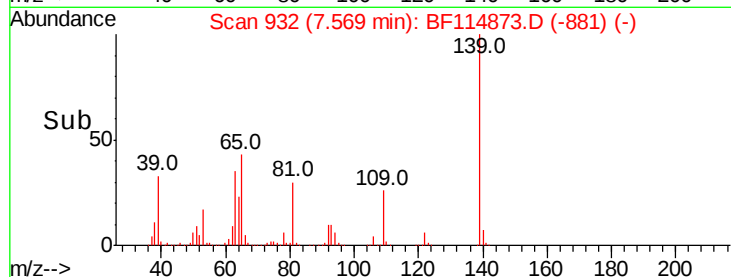
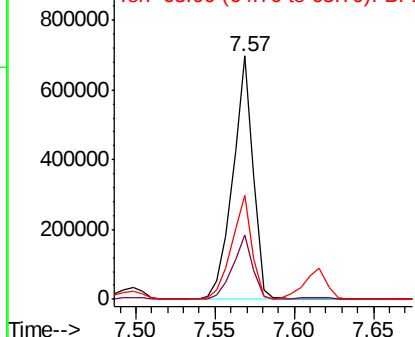
#26
2-Nitrophenol
Concen: 35.672 ng
RT: 7.57 min Scan# 932
Delta R.T. -0.00 min
Lab File: BF114873.D
Acq: 6 Jun 2019 20:17

Instrument :
BNA_F
ClientSampleId :
RBR-200050MS

Tot Ion	Ratio	Lower	Upper
139	100		
109	26.4	20.4	30.6
65	42.8	30.5	45.7

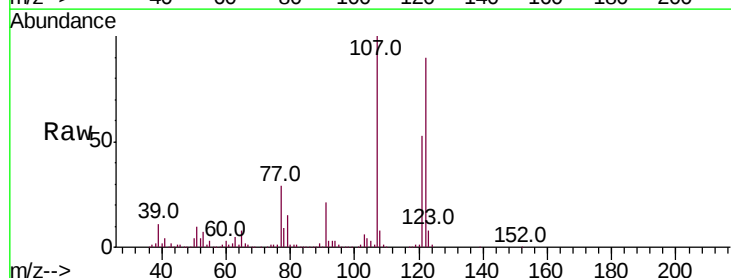


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

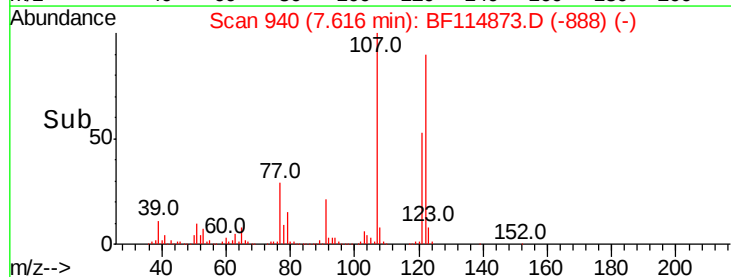
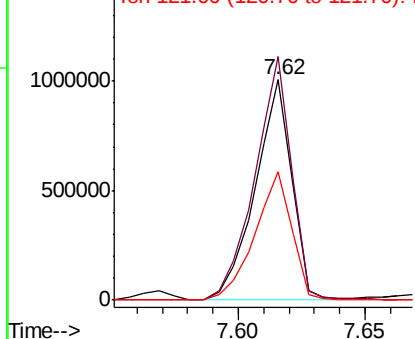


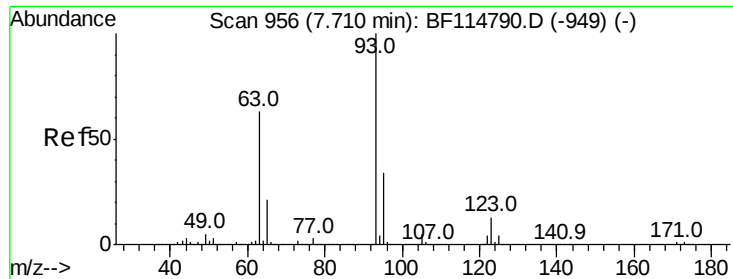
#27
2,4-Dimethylphenol
Concen: 37.942 ng
RT: 7.62 min Scan# 940
Delta R.T. 0.01 min
Lab File: BF114873.D
Acq: 6 Jun 2019 20:17

Tgt Ion	Ratio	Lower	Upper
122	100		
107	110.7	87.9	131.9
121	58.6	46.4	69.6



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

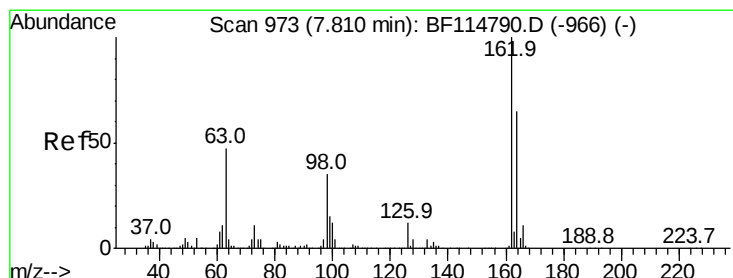
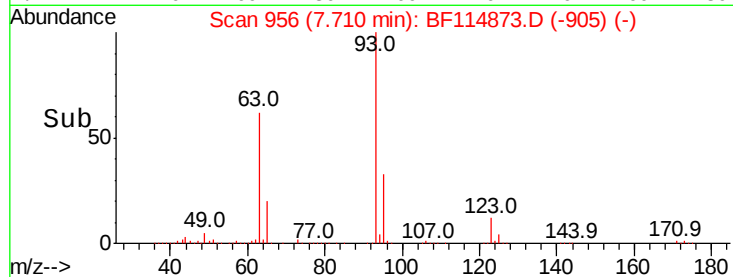
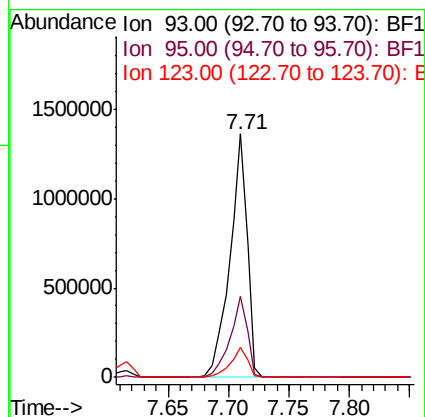
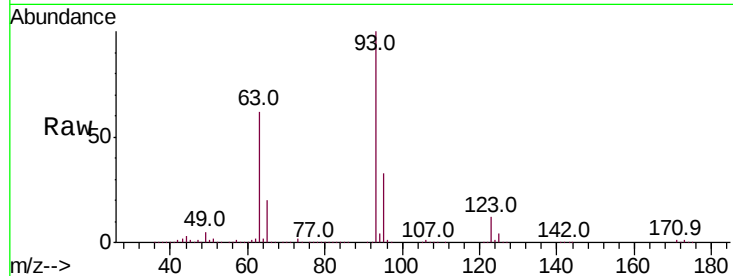




#28
bis(2-Chloroethoxy)methane
Concen: 34.417 ng
RT: 7.71 min Scan# 956
Delta R.T. -0.00 min
Lab File: BF114873.D
Acq: 6 Jun 2019 20:17

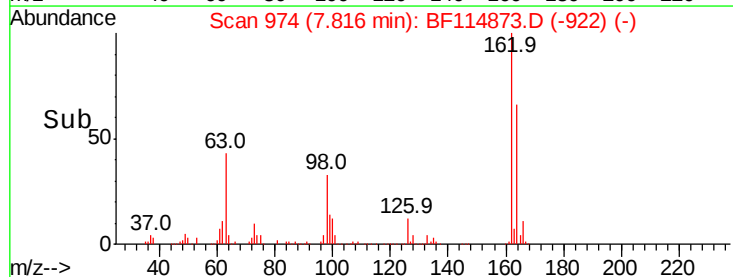
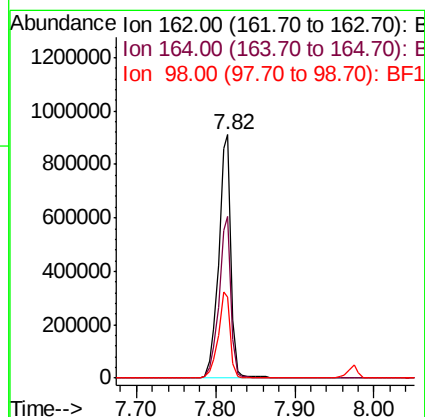
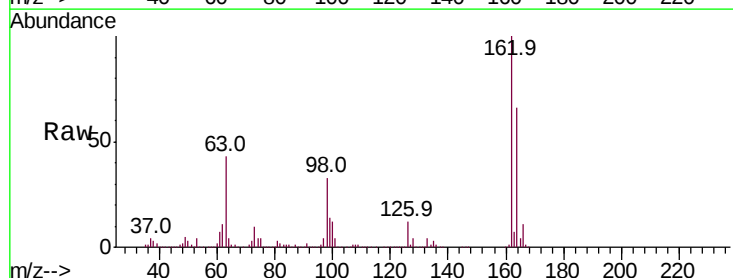
Instrument :
BNA_F
ClientSampleId :
RBR-200050MS

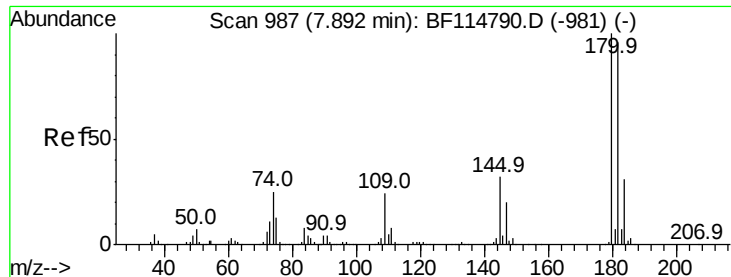
Tot Ion: 93 Resp: 1349937
Ion Ratio Lower Upper
93 100
95 33.2 26.9 40.3
123 12.1 10.4 15.6



#29
2,4-Dichlorophenol
Concen: 34.939 ng
RT: 7.82 min Scan# 974
Delta R.T. 0.01 min
Lab File: BF114873.D
Acq: 6 Jun 2019 20:17

Tgt Ion: 162 Resp: 972970
Ion Ratio Lower Upper
162 100
164 66.3 45.1 85.1
98 33.3 14.6 54.6

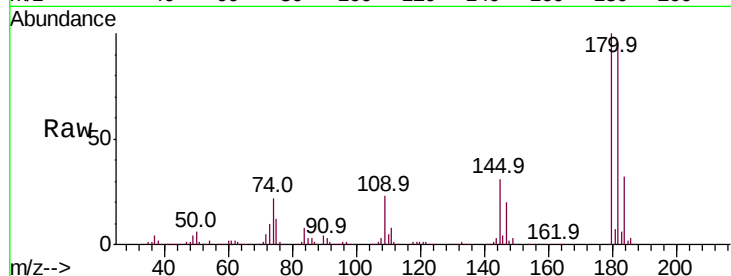




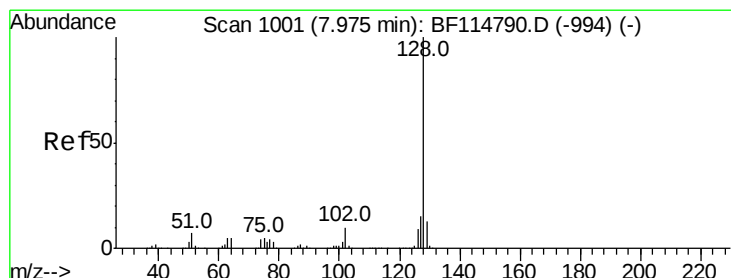
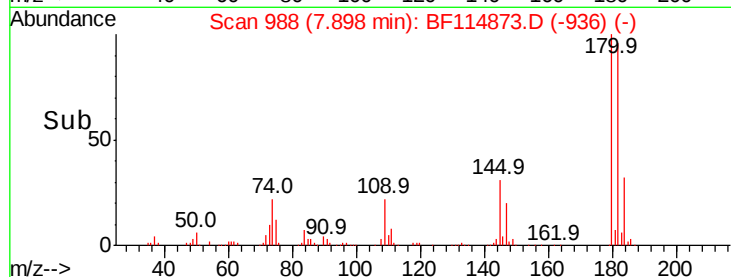
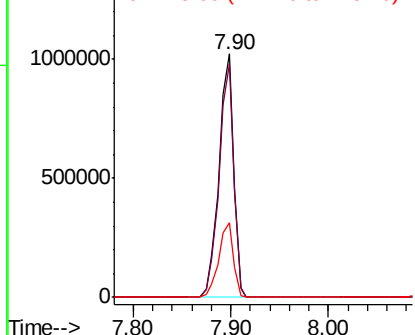
#30
1,2,4-Trichlorobenzene
Concen: 33.399 ng
RT: 7.90 min Scan# 988
Delta R.T. 0.01 min
Lab File: BF114873.D
Acq: 6 Jun 2019 20:17

Instrument :
BNA_F
ClientSampleId :
RBR-200050MS

Tot Ion:180 Resp: 1067193
Ion Ratio Lower Upper
180 100
182 95.6 76.5 114.7
145 30.8 25.8 38.8

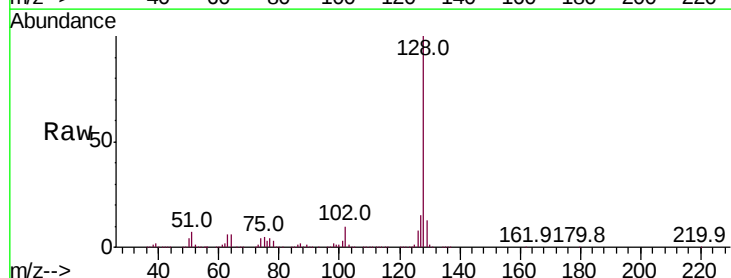


Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

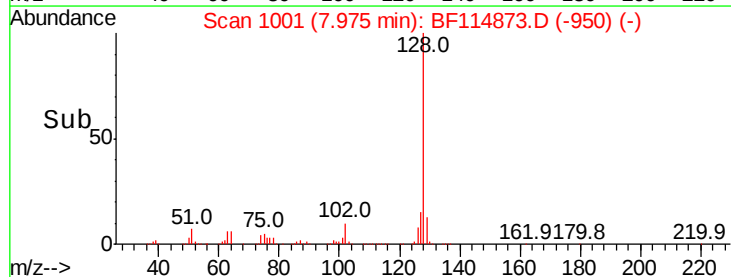
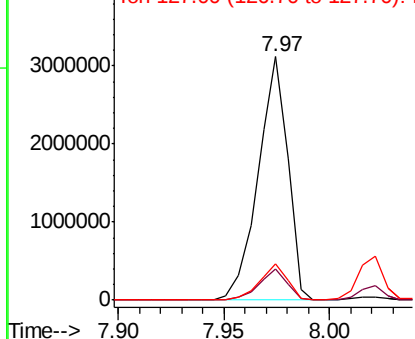


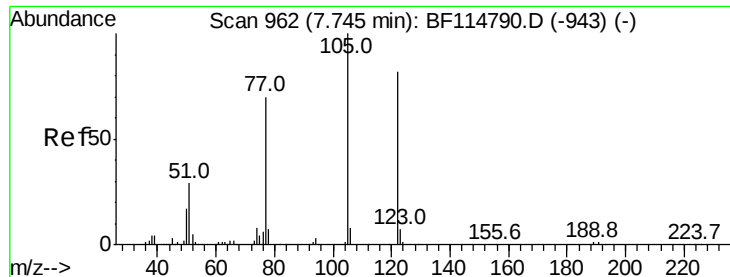
#31
Naphthalene
Concen: 35.349 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BF114873.D
Acq: 6 Jun 2019 20:17

Tgt Ion:128 Resp: 3040619
Ion Ratio Lower Upper
128 100
129 12.8 10.0 15.0
127 15.0 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: 3.574 ng

RT: 7.68 min Scan# 951

Delta R.T. -0.06 min

Lab File: BF114873.D

Acq: 6 Jun 2019 20:17

Instrument :

BNA_F

ClientSampleId :

RBR-200050MS

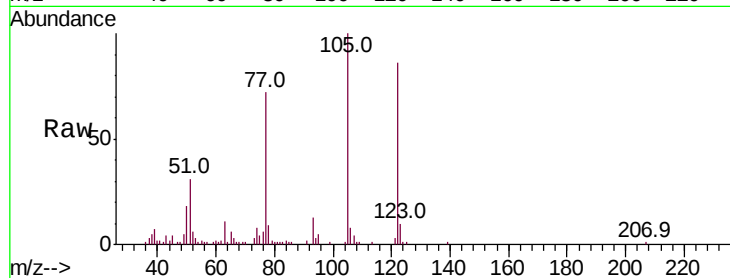
Tot Ion:122 Resp: 68901

Ion Ratio Lower Upper

122 100

105 116.8 98.7 138.7

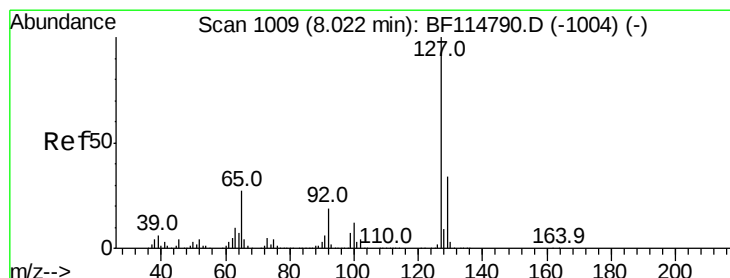
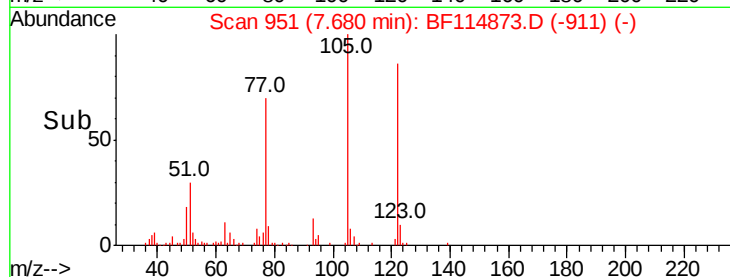
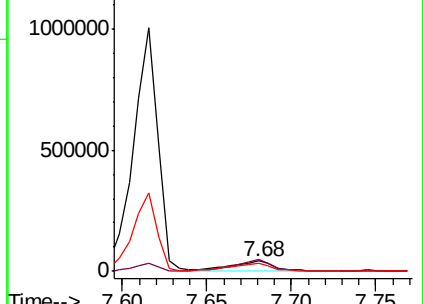
77 84.1 64.8 104.8



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: 12.169 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BF114873.D

Acq: 6 Jun 2019 20:17

Tgt Ion:127 Resp: 499341

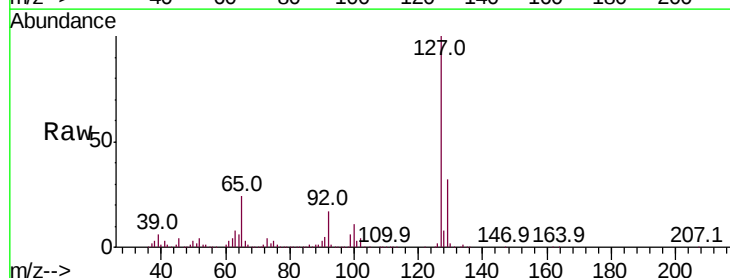
Ion Ratio Lower Upper

127 100

129 32.3 26.9 40.3

65 23.9 21.7 32.5

92 16.9 14.8 22.2

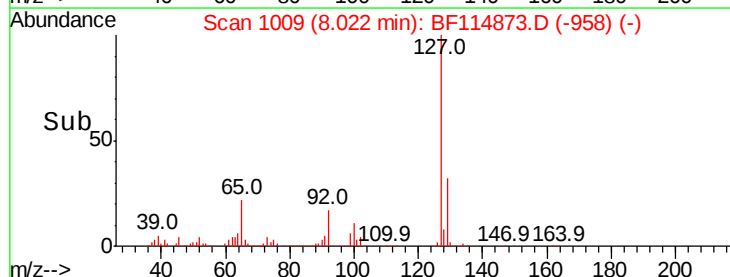
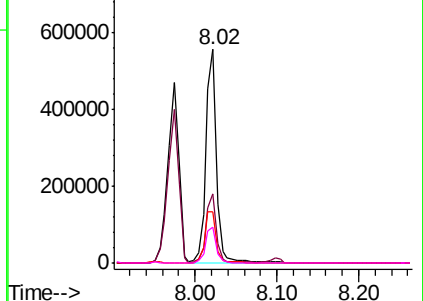


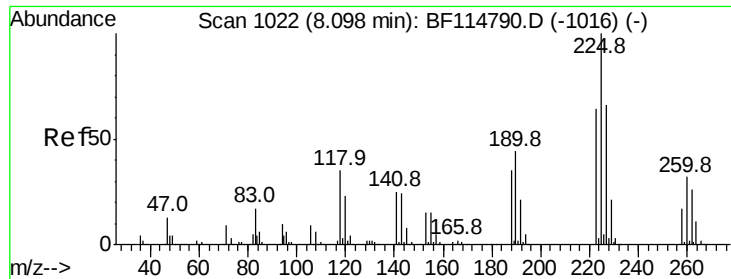
Abundance Ion 127.00 (126.70 to 127.70): E

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

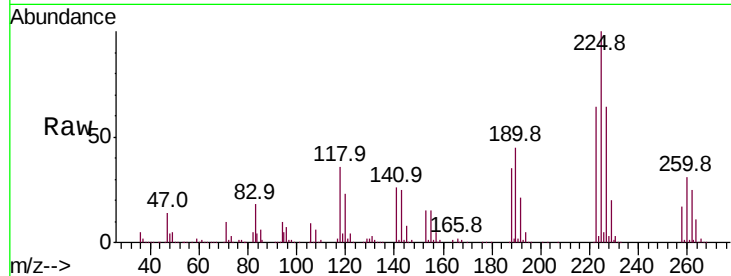




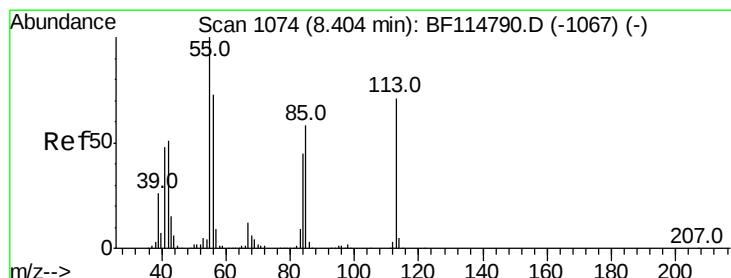
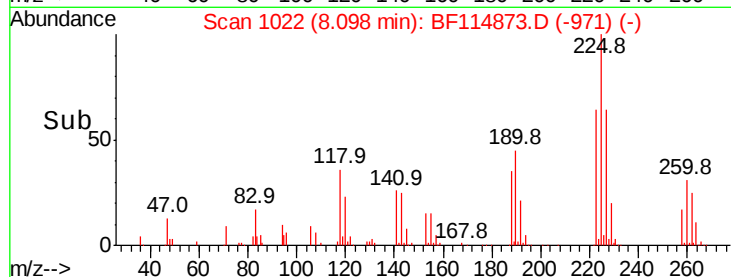
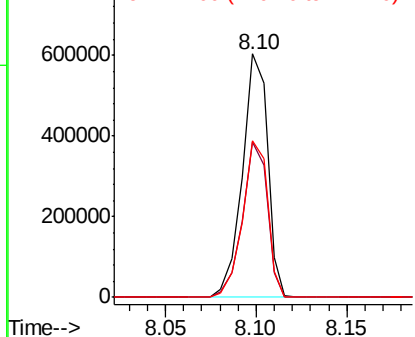
#34
Hexachlorobutadiene
Concen: 32.119 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF114873.D
Acq: 6 Jun 2019 20:17

Instrument :
BNA_F
ClientSampleId :
RBR-200050MS

Tot Ion	Ratio	Lower	Upper
225	100		
223	64.0	51.0	76.6
227	64.1	52.6	78.8

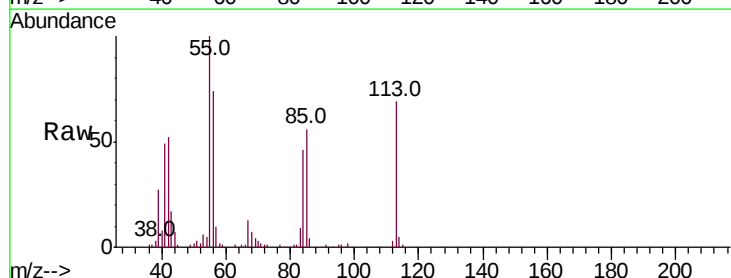


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

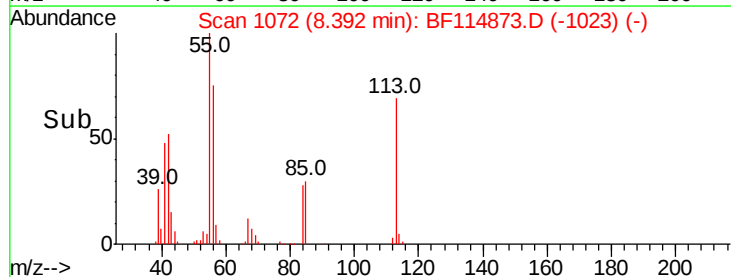
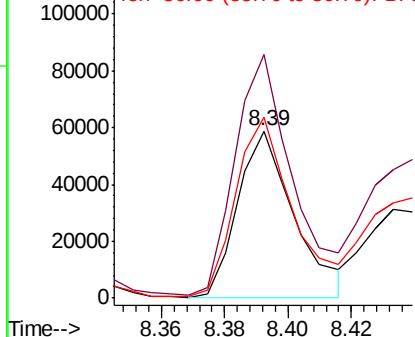


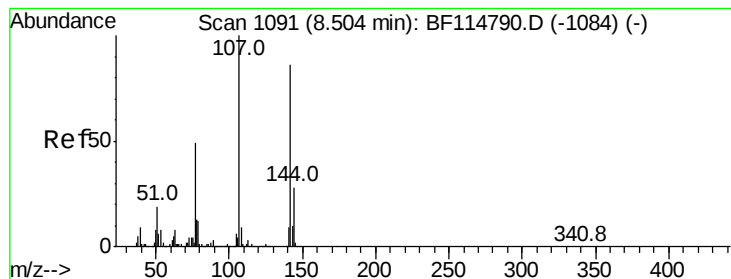
#35
Caprolactam
Concen: 7.937 ng
RT: 8.39 min Scan# 1072
Delta R.T. -0.01 min
Lab File: BF114873.D
Acq: 6 Jun 2019 20:17

Tgt Ion	Ratio	Lower	Upper
113	100		
55	145.7	121.1	161.1
56	108.0	82.6	122.6



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





#36

4-Chloro-3-methylphenol

Concen: 35.114 ng

RT: 8.51 min Scan# 1092

Delta R.T. 0.01 min

Lab File: BF114873.D

Acq: 6 Jun 2019 20:17

Instrument :

BNA_F

ClientSampleId :

RBR-200050MS

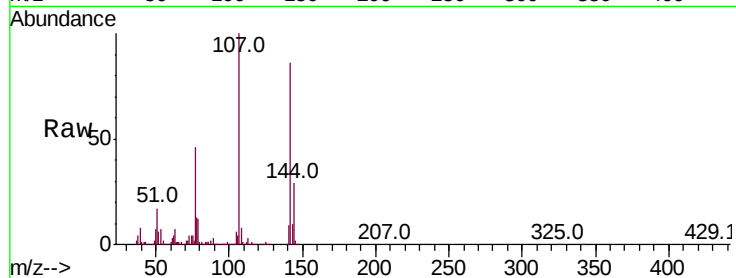
Tot Ion:107 Resp: 973016

Ion Ratio Lower Upper

107 100

144 28.6 22.1 33.1

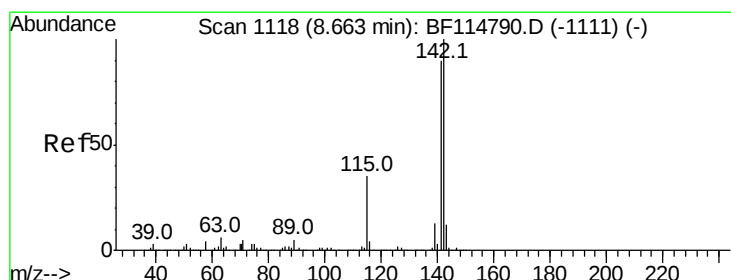
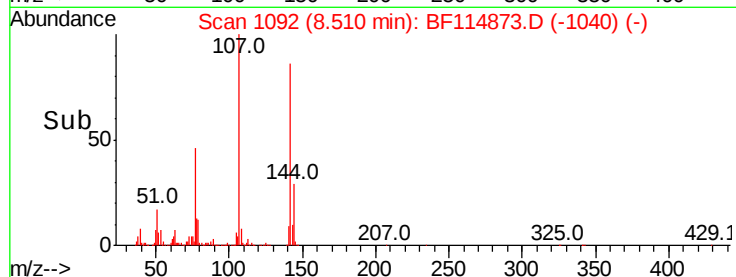
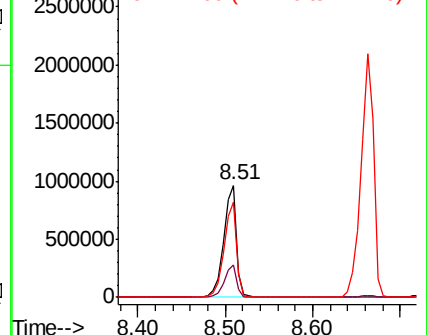
142 85.5 68.4 102.6



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: 35.589 ng

RT: 8.66 min Scan# 1118

Delta R.T. -0.00 min

Lab File: BF114873.D

Acq: 6 Jun 2019 20:17

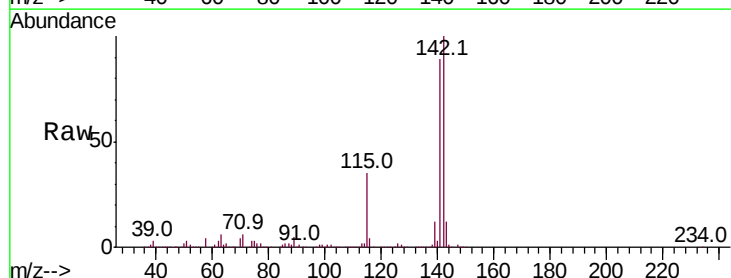
Tgt Ion:142 Resp: 2123356

Ion Ratio Lower Upper

142 100

141 89.3 71.6 107.4

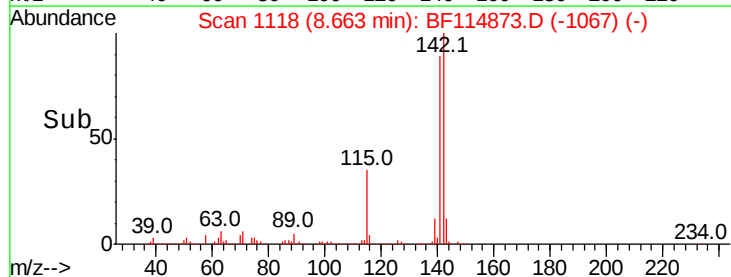
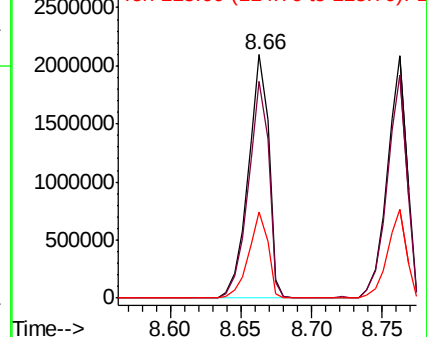
115 35.4 28.2 42.4

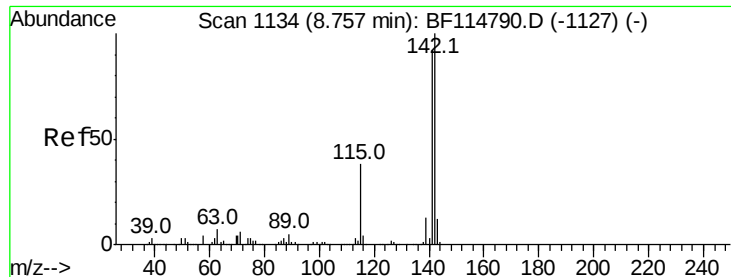


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

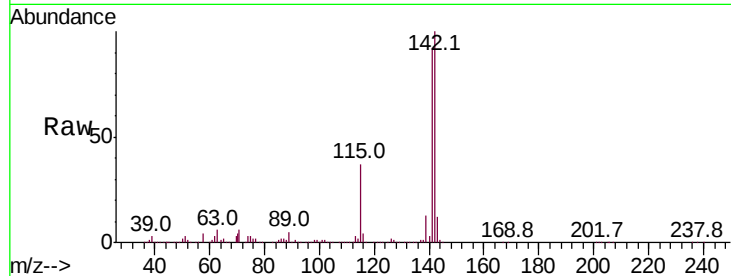




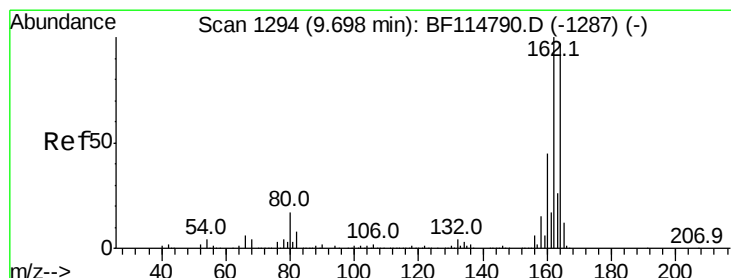
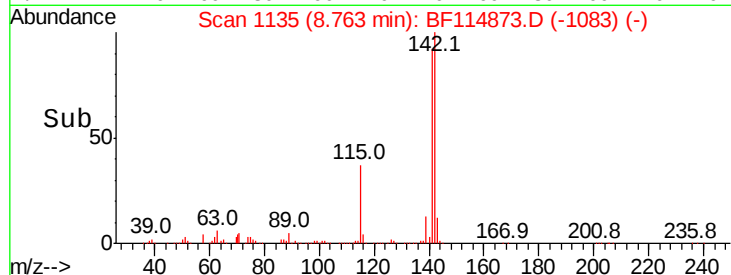
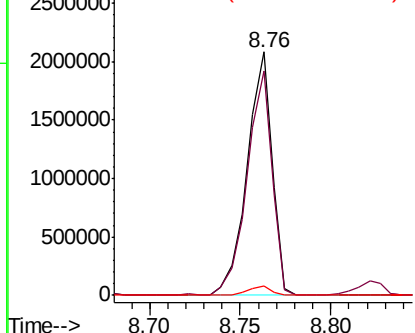
#38
1-Methylnaphthalene
Concen: 35.163 ng
RT: 8.76 min Scan# 1135
Delta R.T. 0.01 min
Lab File: BF114873.D
Acq: 6 Jun 2019 20:17

Instrument :
BNA_F
ClientSampleId :
RBR-200050MS

Tot Ion:142 Resp: 1989519
Ion Ratio Lower Upper
142 100
141 92.1 73.8 110.6
116 3.8 3.3 4.9

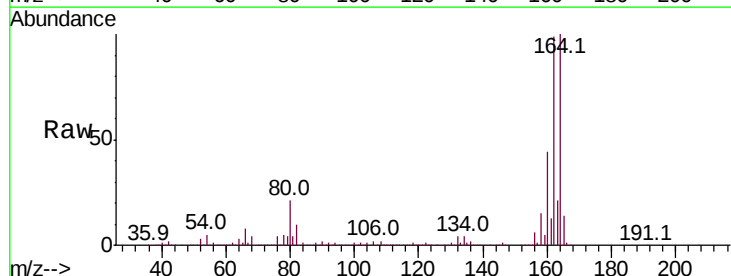


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

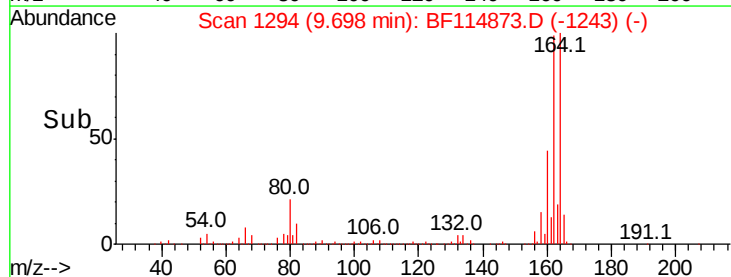
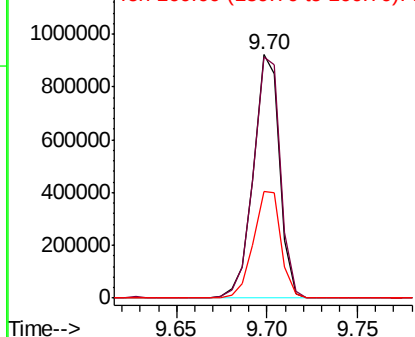


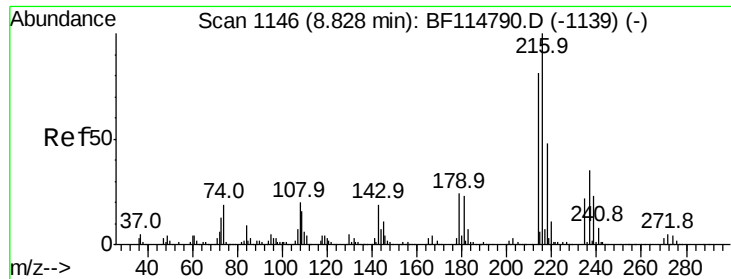
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BF114873.D
Acq: 6 Jun 2019 20:17

Tgt Ion:164 Resp: 922755
Ion Ratio Lower Upper
164 100
162 99.0 82.3 123.5
160 43.7 36.7 55.1



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





#40

1,2,4,5-Tetrachlorobenzene

Concen: 34.304 ng

RT: 8.83 min Scan# 1147

Delta R.T. 0.01 min

Lab File: BF114873.D

Acq: 6 Jun 2019 20:17

Instrument :

BNA_F

ClientSampleId :

RBR-200050MS

Tot Ion:216 Resp: 912215

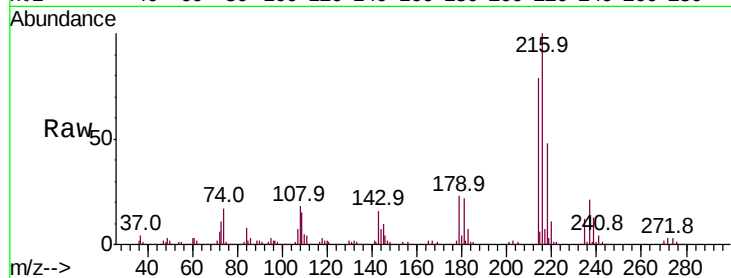
Ion Ratio Lower Upper

216 100

214 78.4 63.4 95.2

179 22.4 18.3 27.5

108 20.7 15.5 23.3

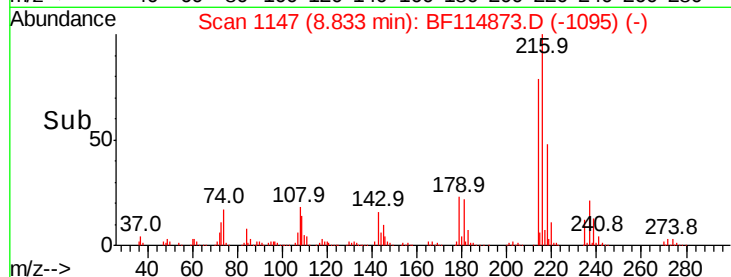


Abundance Ion 216.00 (215.70 to 216.70): E

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



Abundance

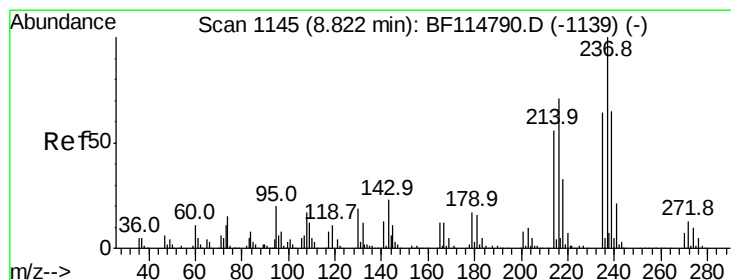
1500000

1000000

500000

0

Time-->



#41

Hexachlorocyclopentadiene

Concen: 61.324 ng

RT: 8.83 min Scan# 1146

Delta R.T. 0.01 min

Lab File: BF114873.D

Acq: 6 Jun 2019 20:17

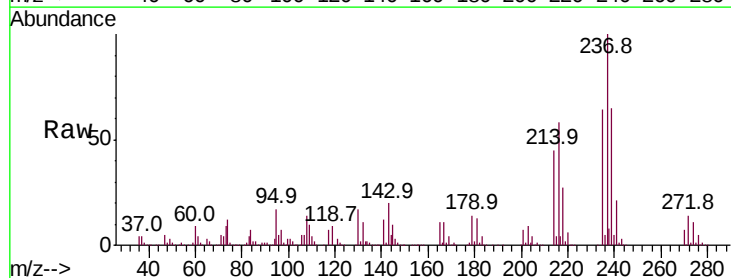
Tgt Ion:237 Resp: 989040

Ion Ratio Lower Upper

237 100

235 64.1 44.0 84.0

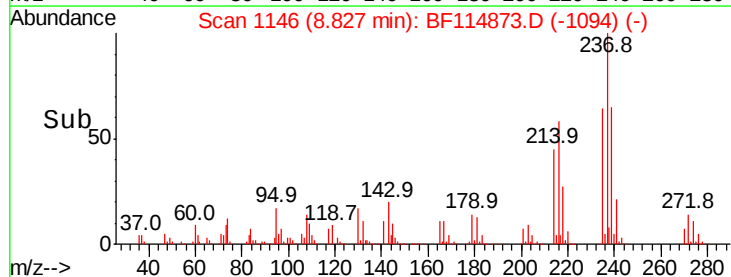
272 13.7 0.0 33.4



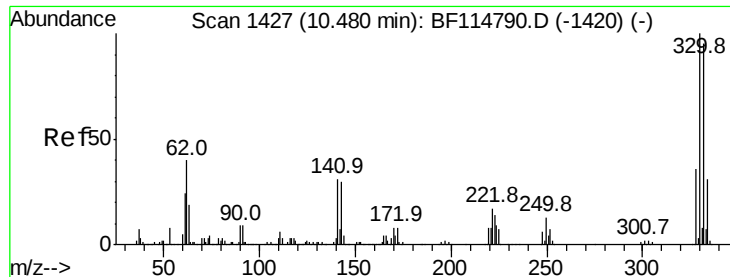
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



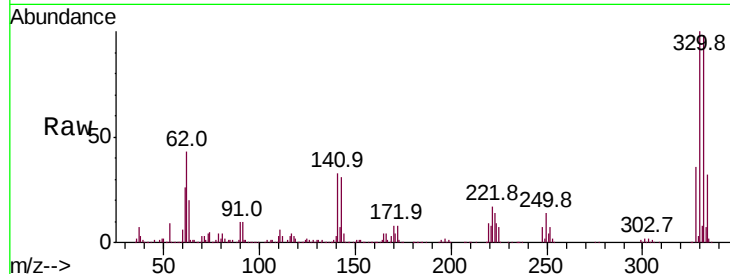
Time-->



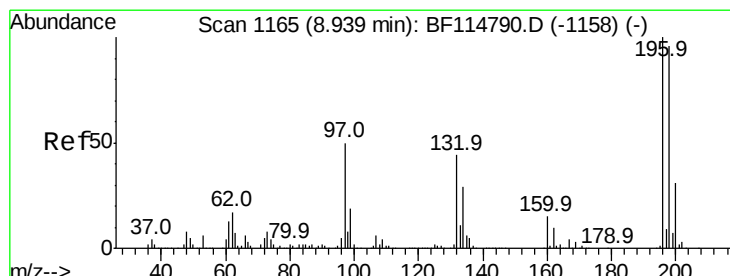
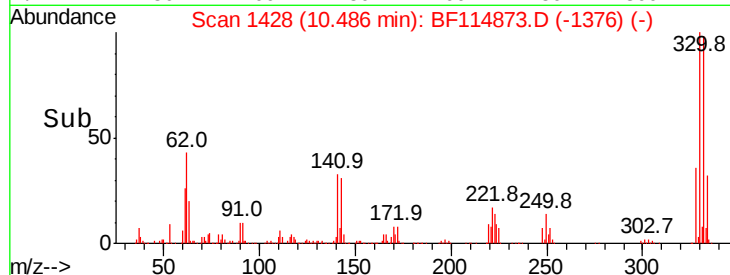
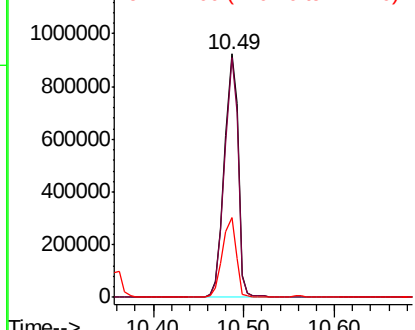
#42
 2,4,6-Tribromophenol
 Concen: 97.591 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. 0.01 min
 Lab File: BF114873.D
 Acq: 6 Jun 2019 20:17

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200050MS

Tot Ion:330 Resp: 970463
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.3 115.9
 141 32.5 26.2 39.4

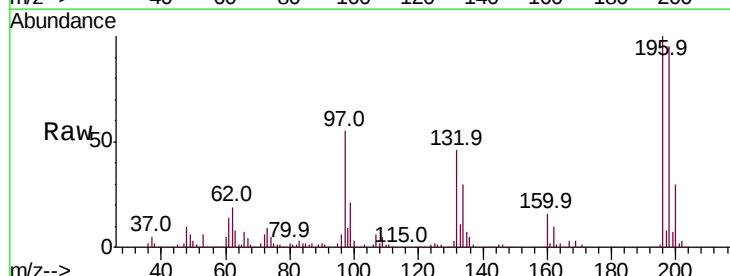


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

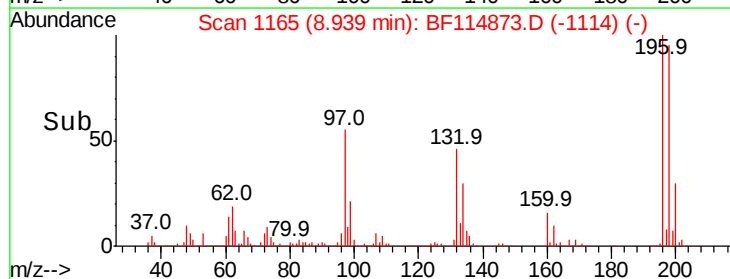
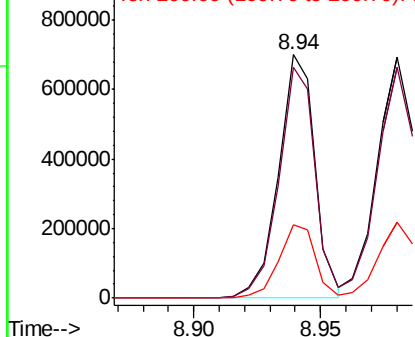


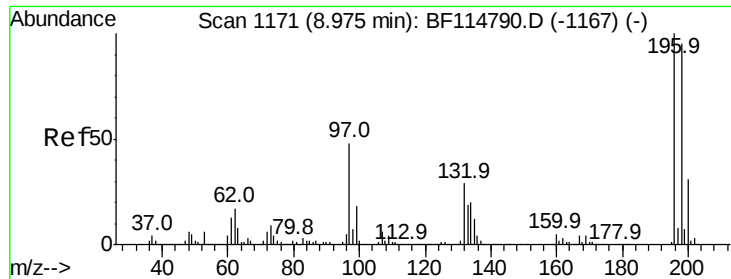
#43
 2,4,6-Trichlorophenol
 Concen: 33.961 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. -0.00 min
 Lab File: BF114873.D
 Acq: 6 Jun 2019 20:17

Tgt Ion:196 Resp: 702234
 Ion Ratio Lower Upper
 196 100
 198 94.7 77.1 115.7
 200 30.4 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

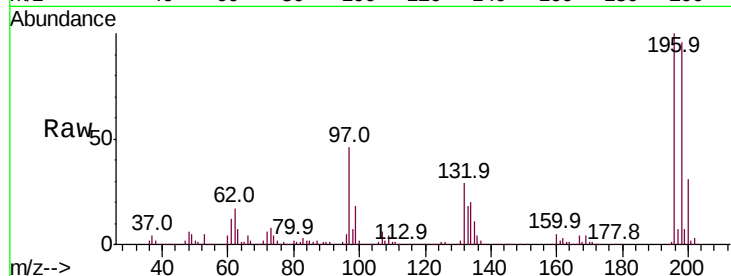




#44
 2,4,5-Trichlorophenol
 Concen: 34.880 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. 0.01 min
 Lab File: BF114873.D
 Acq: 6 Jun 2019 20:17

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200050MS

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.2	76.2	114.4
97	46.2	38.2	57.4
132	28.9	23.7	35.5



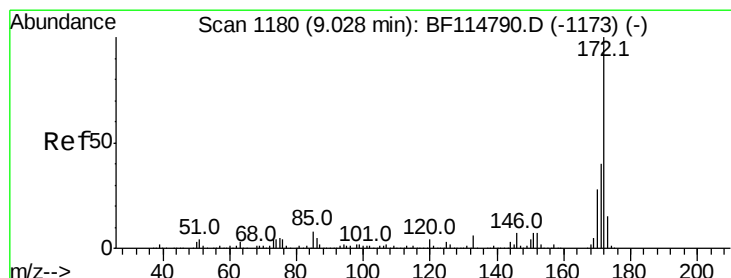
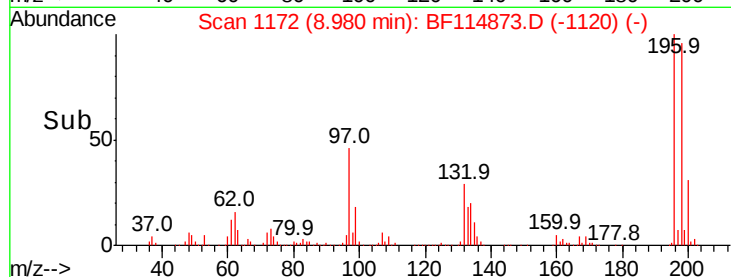
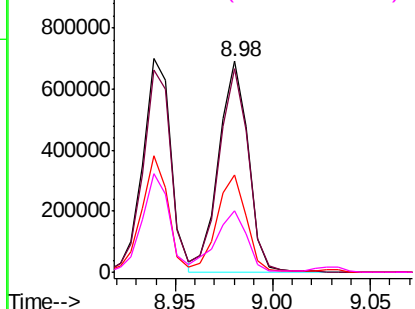
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

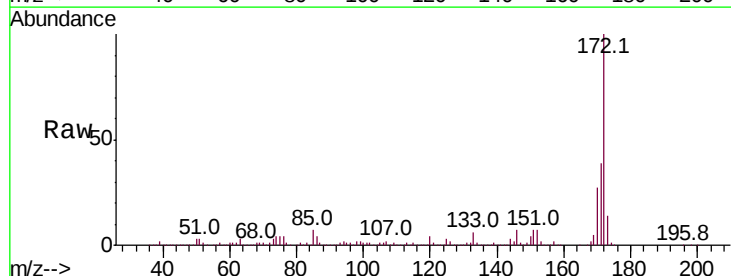
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#45
 2-Fluorobiphenyl
 Concen: 78.898 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: BF114873.D
 Acq: 6 Jun 2019 20:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.3	32.3	48.5
170	27.2	22.4	33.6

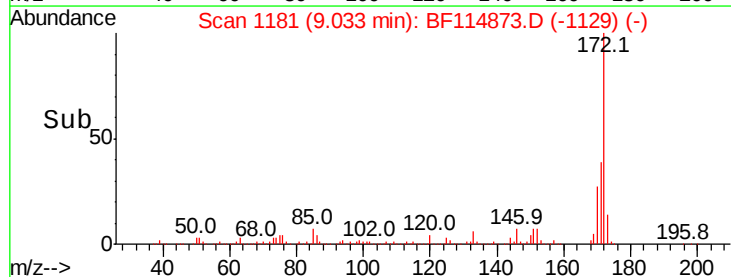
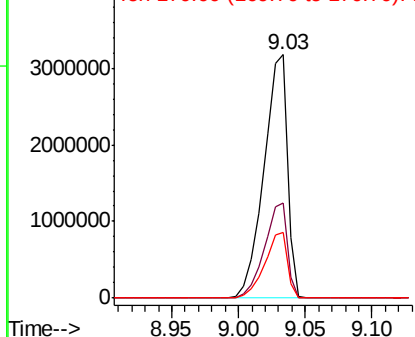


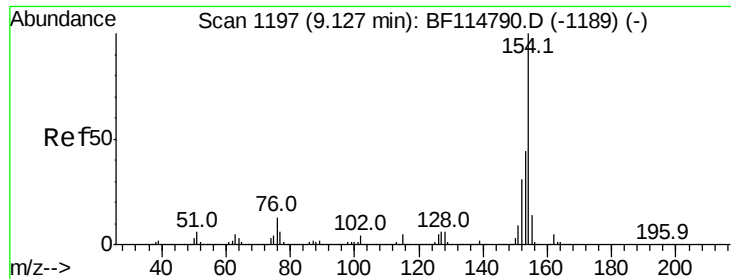
Abundance

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

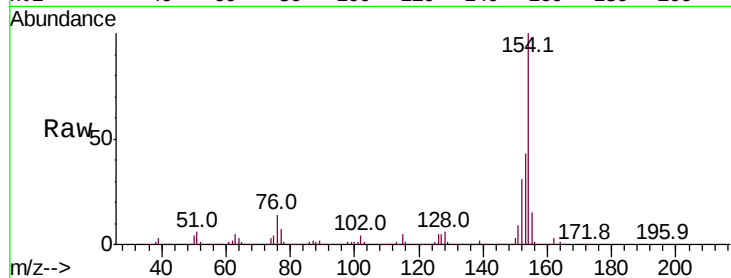




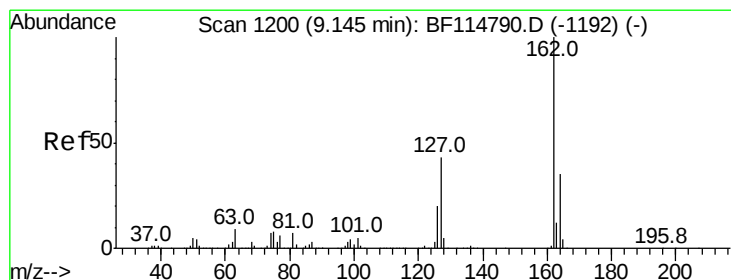
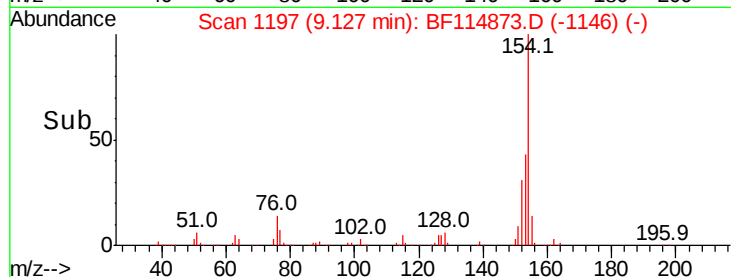
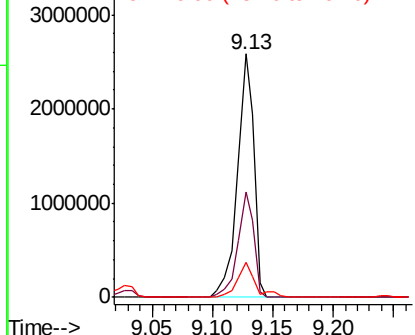
#46
 1,1'-Biphenyl
 Concen: 35.861 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BF114873.D
 Acq: 6 Jun 2019 20:17

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200050MS

Tot Ion:154 Resp: 2452563
 Ion Ratio Lower Upper
 154 100
 153 43.4 23.9 63.9
 76 14.3 0.0 33.2

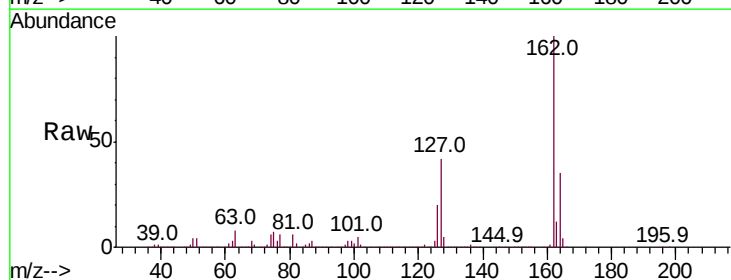


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

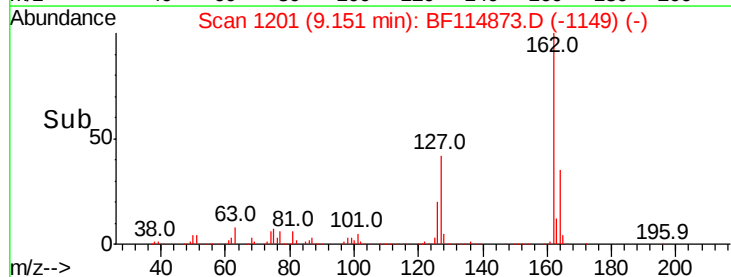
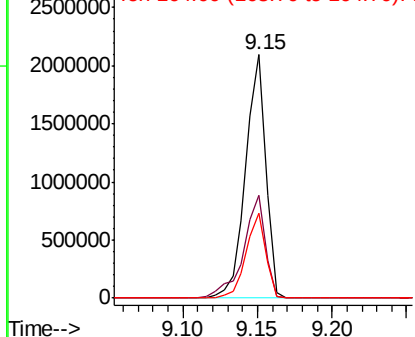


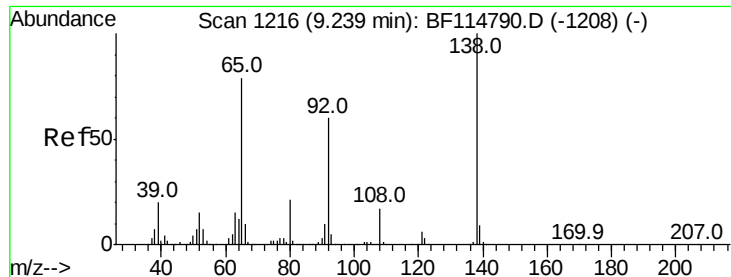
#47
 2-Chloronaphthalene
 Concen: 33.885 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.01 min
 Lab File: BF114873.D
 Acq: 6 Jun 2019 20:17

Tgt Ion:162 Resp: 1969159
 Ion Ratio Lower Upper
 162 100
 127 42.2 34.6 51.8
 164 34.9 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

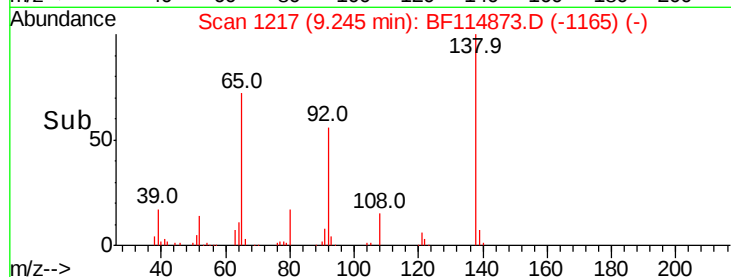
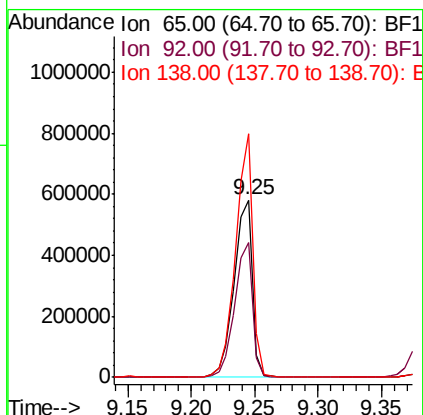
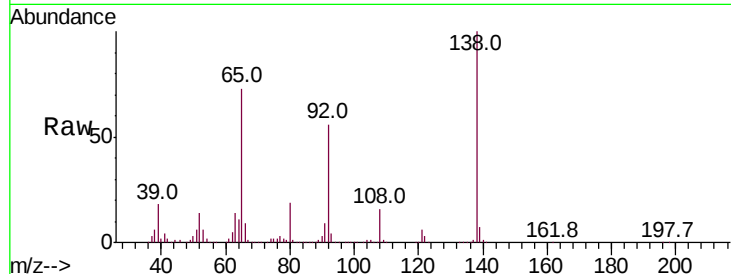




#48
2-Nitroaniline
Concen: 33.083 ng
RT: 9.25 min Scan# 1217
Delta R.T. 0.01 min
Lab File: BF114873.D
Acq: 6 Jun 2019 20:17

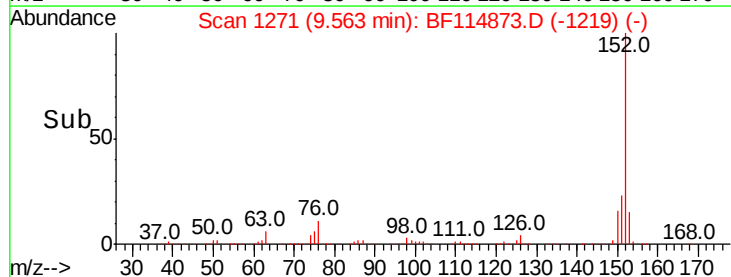
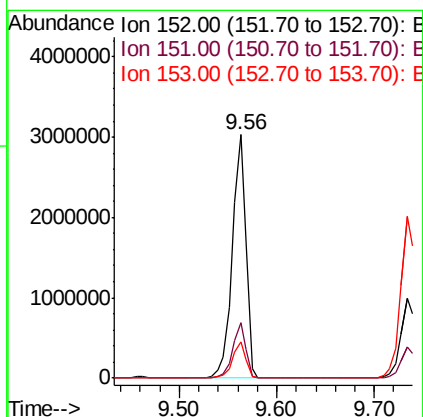
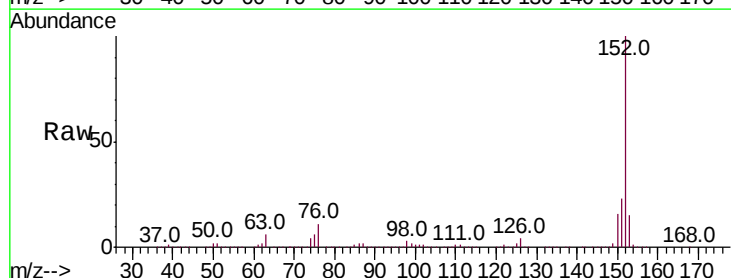
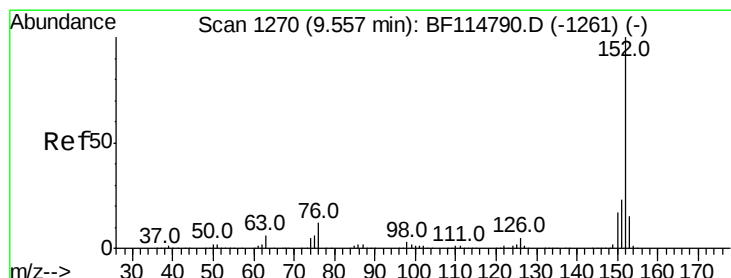
Instrument :
BNA_F
ClientSampleId :
RBR-200050MS

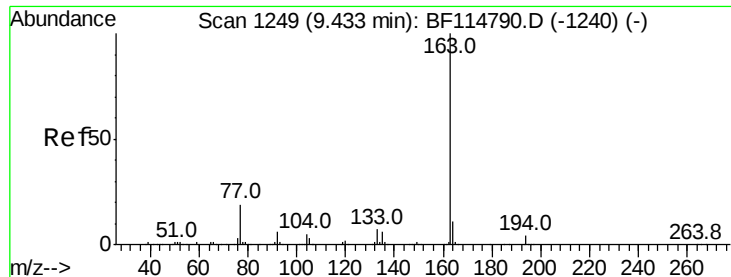
Tot Ion: 65 Resp: 573724
Ion Ratio Lower Upper
65 100
92 76.5 60.4 90.6
138 137.5 101.2 151.8



#49
Acenaphthylene
Concen: 34.865 ng
RT: 9.56 min Scan# 1271
Delta R.T. 0.01 min
Lab File: BF114873.D
Acq: 6 Jun 2019 20:17

Tgt Ion: 152 Resp: 2938147
Ion Ratio Lower Upper
152 100
151 22.9 18.3 27.5
153 15.0 12.3 18.5

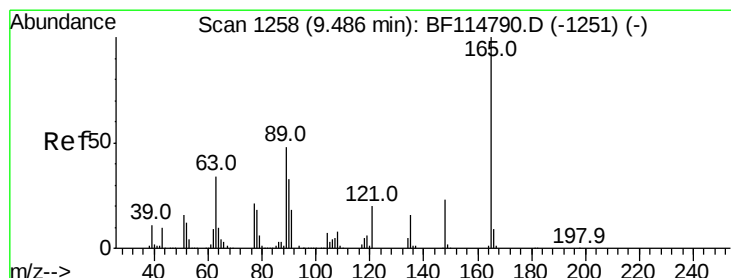
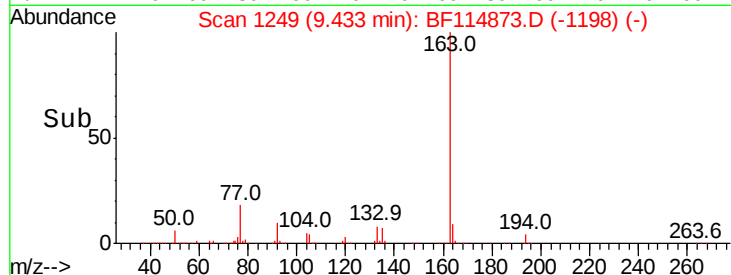
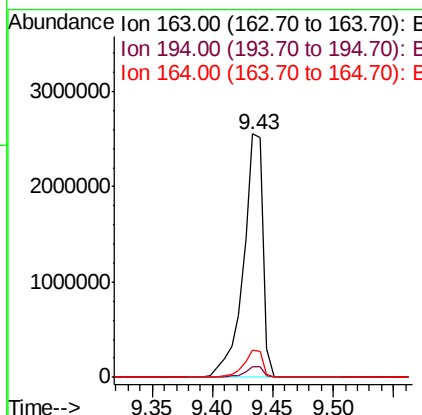
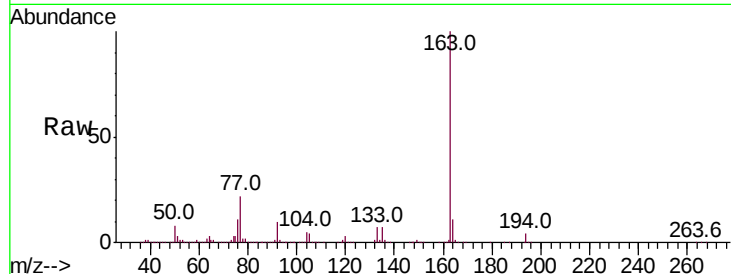




#50
Dimethylphthalate
Concen: 42.531 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.00 min
Lab File: BF114873.D
Acq: 6 Jun 2019 20:17

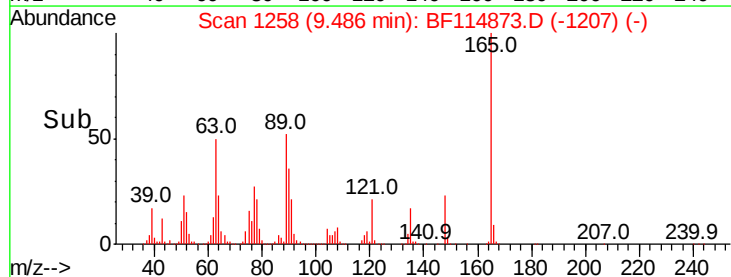
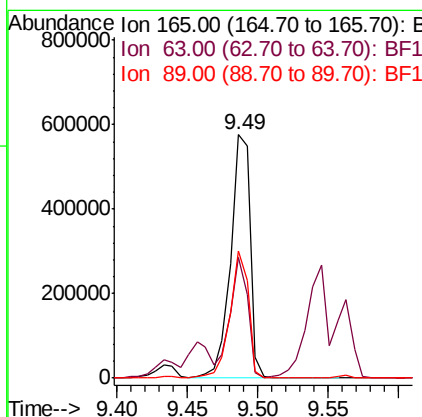
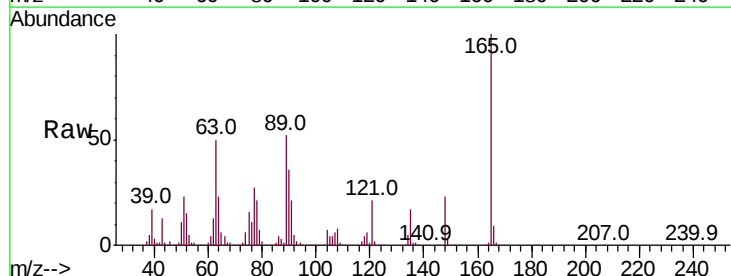
Instrument :
BNA_F
ClientSampleId :
RBR-200050MS

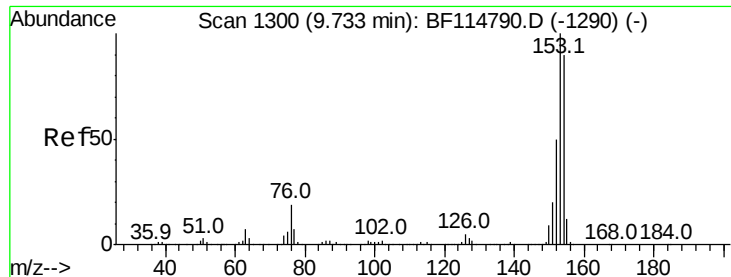
Tot Ion:163 Resp: 2866376
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 11.4 8.6 13.0



#51
2,6-Dinitrotoluene
Concen: 35.199 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.00 min
Lab File: BF114873.D
Acq: 6 Jun 2019 20:17

Tgt Ion:165 Resp: 557887
Ion Ratio Lower Upper
165 100
63 49.8 35.1 52.7
89 52.0 38.2 57.2





#52

Acenaphthene

Concen: 34.601 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.00 min

Lab File: BF114873.D

Acq: 6 Jun 2019 20:17

Instrument :

BNA_F

ClientSampleId :

RBR-200050MS

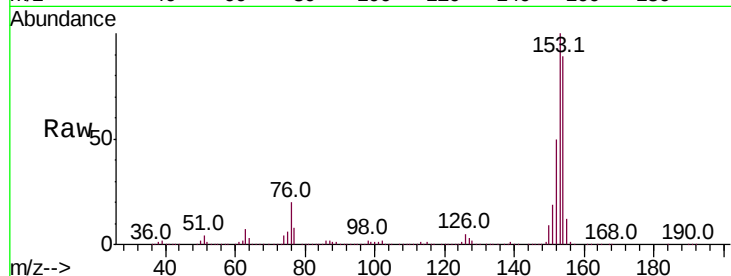
Tot Ion:154 Resp: 1910144

Ion Ratio Lower Upper

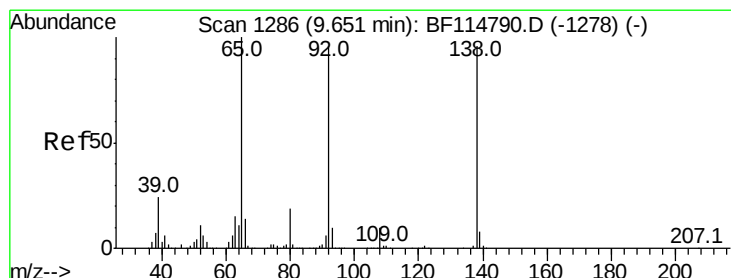
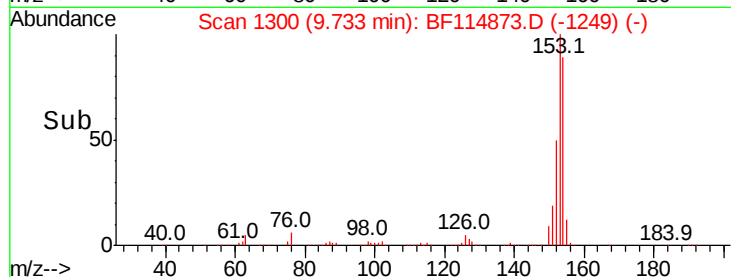
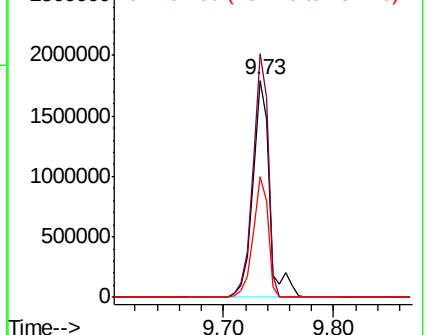
154 100

153 112.3 88.5 132.7

152 55.7 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: 26.714 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.00 min

Lab File: BF114873.D

Acq: 6 Jun 2019 20:17

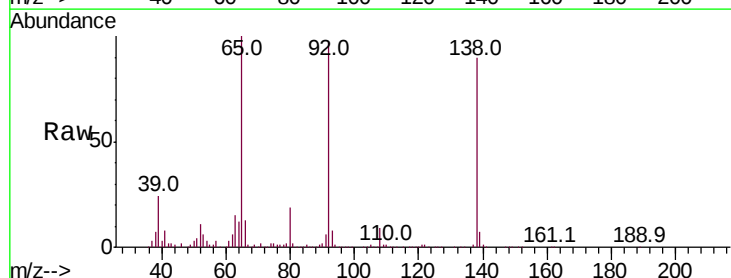
Tgt Ion:138 Resp: 494626

Ion Ratio Lower Upper

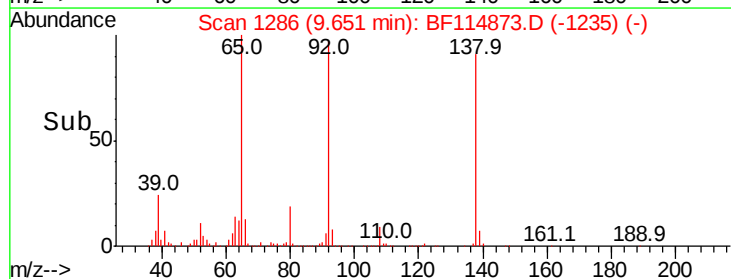
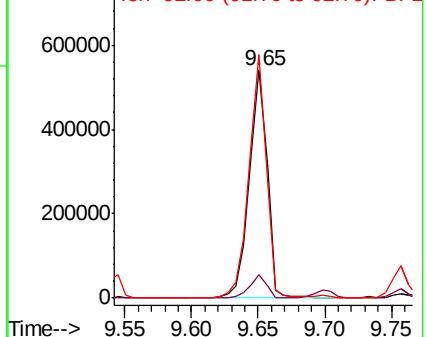
138 100

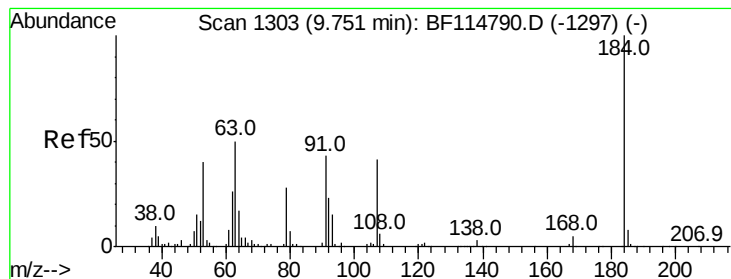
108 10.1 7.9 11.9

92 106.9 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

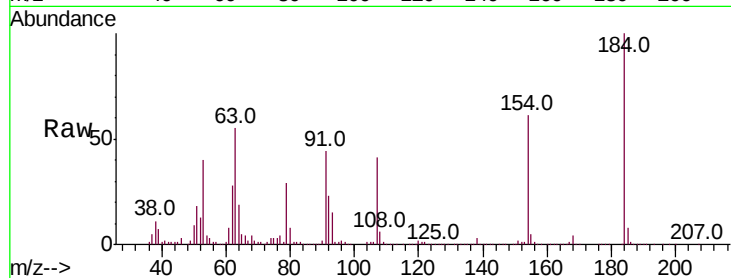




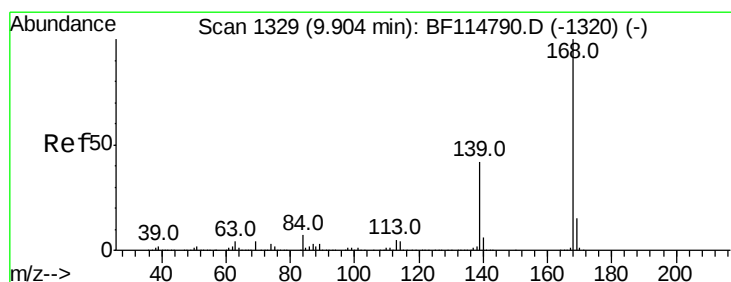
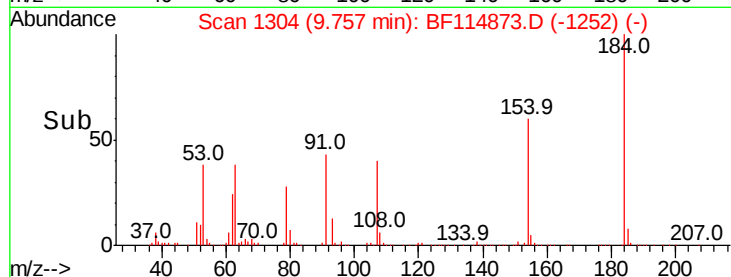
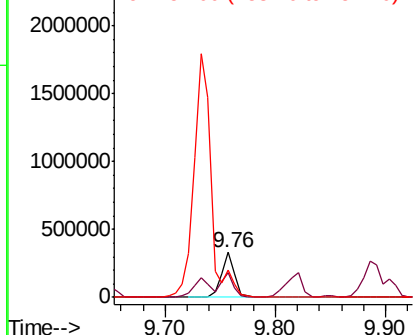
#54
2,4-Dinitrophenol
Concen: 38.724 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.01 min
Lab File: BF114873.D
Acq: 6 Jun 2019 20:17

Instrument :
BNA_F
ClientSampleId :
RBR-200050MS

Tot Ion:184 Resp: 277735
Ion Ratio Lower Upper
184 100
63 54.9 44.1 66.1
154 60.7 48.1 72.1

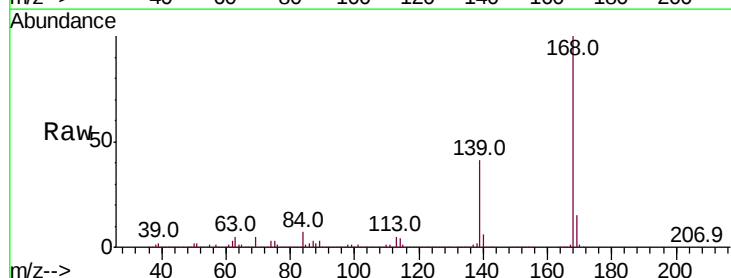


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

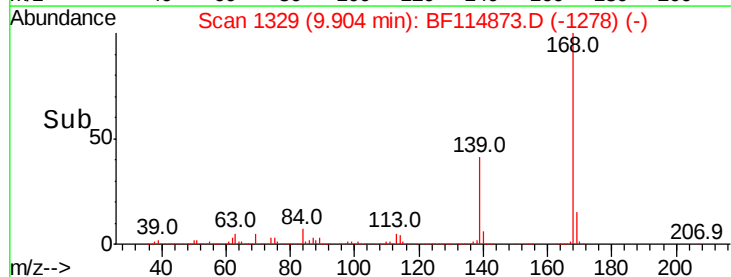
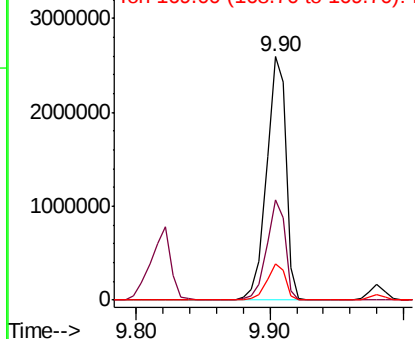


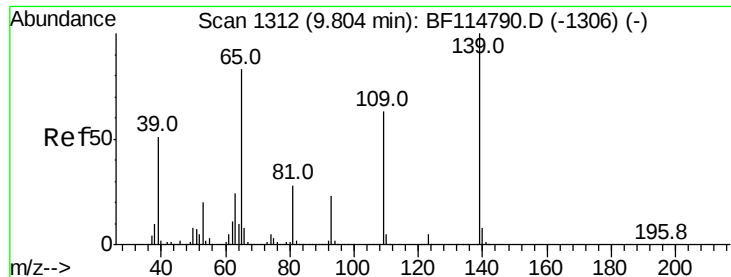
#55
Dibenzofuran
Concen: 33.944 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BF114873.D
Acq: 6 Jun 2019 20:17

Tgt Ion:168 Resp: 2605672
Ion Ratio Lower Upper
168 100
139 41.4 33.8 50.6
169 14.9 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: 61.356 ng

RT: 9.82 min Scan# 1315

Delta R.T. 0.02 min

Lab File: BF114873.D

Acq: 6 Jun 2019 20:17

Instrument :

BNA_F

ClientSampleId :

RBR-200050MS

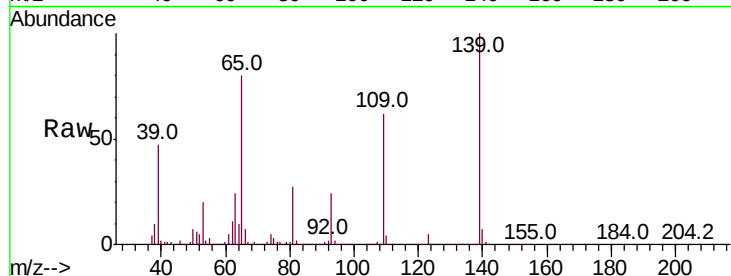
Tot Ion:139 Resp: 832442

Ion Ratio Lower Upper

139 100

109 62.3 43.5 83.5

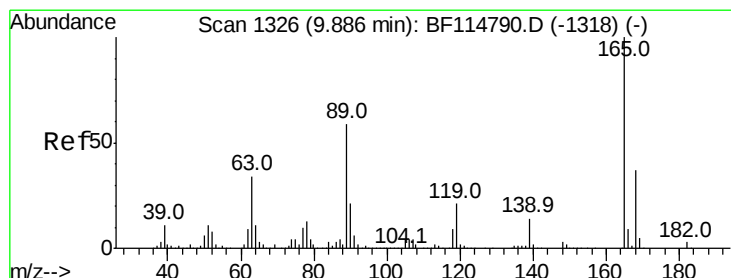
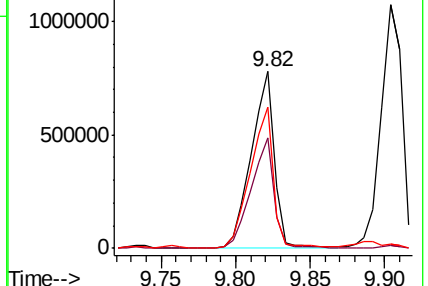
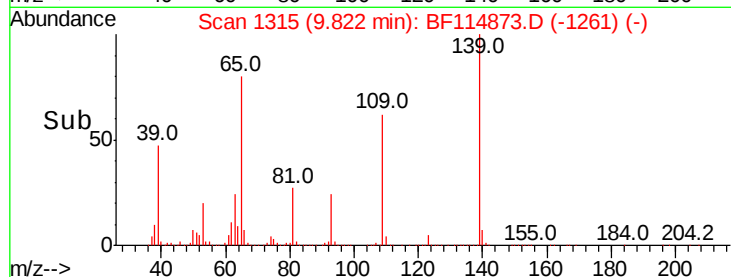
65 80.2 63.2 103.2



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: 34.690 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.01 min

Lab File: BF114873.D

Acq: 6 Jun 2019 20:17

Tgt Ion:165 Resp: 691186

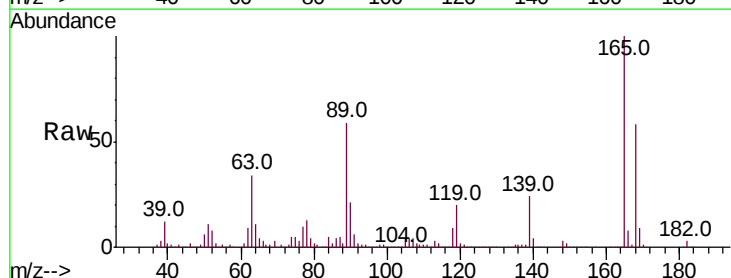
Ion Ratio Lower Upper

165 100

63 33.7 27.0 40.4

89 59.0 47.0 70.6

182 2.8 2.2 3.2

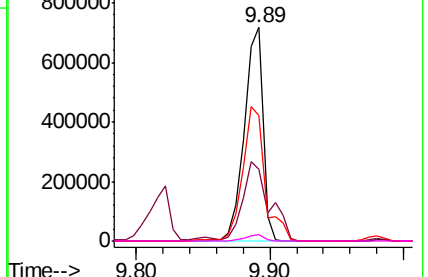
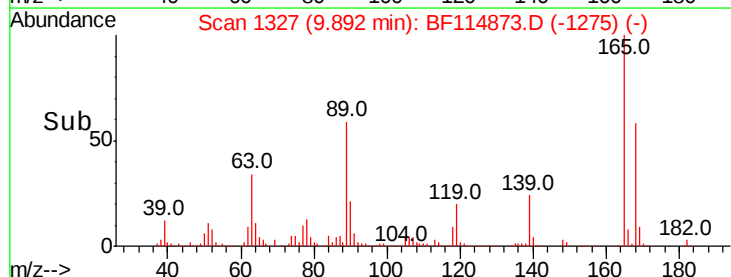


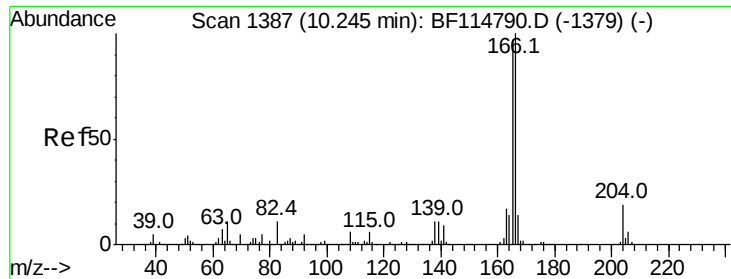
Abundance Ion 165.00 (164.70 to 165.70): E

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: 34.711 ng

RT: 10.25 min Scan# 1387

Delta R.T. 0.00 min

Lab File: BF114873.D

Acq: 6 Jun 2019 20:17

Instrument :

BNA_F

ClientSampleId :

RBR-200050MS

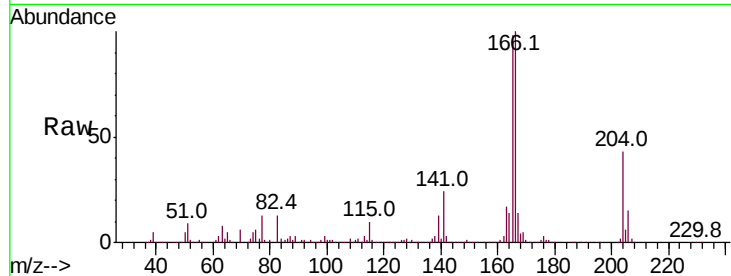
Tot Ion:166 Resp: 1811329

Ion Ratio Lower Upper

166 100

165 98.4 77.9 116.9

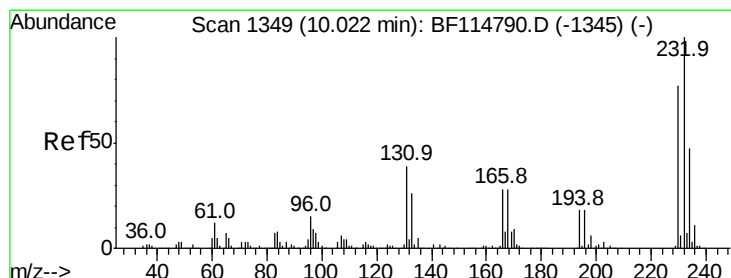
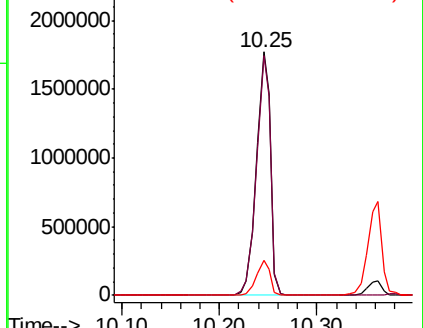
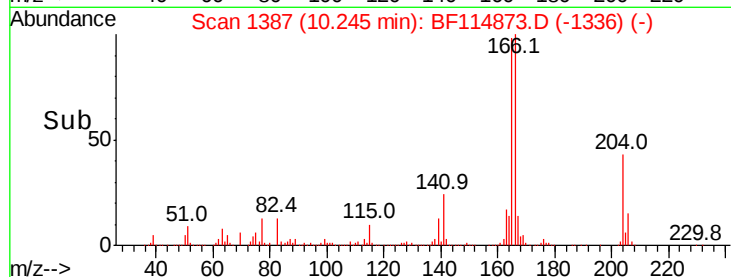
167 14.4 11.3 16.9



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: 33.434 ng

RT: 10.02 min Scan# 1349

Delta R.T. -0.00 min

Lab File: BF114873.D

Acq: 6 Jun 2019 20:17

Tgt Ion:232 Resp: 570429

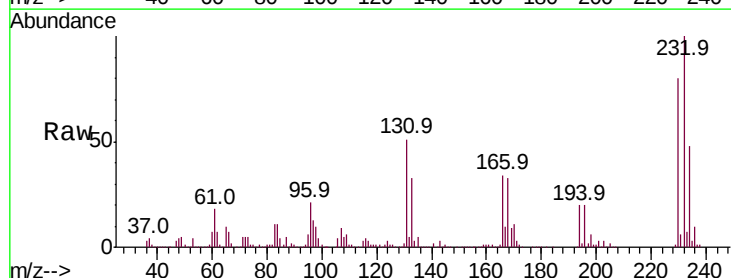
Ion Ratio Lower Upper

232 100

131 46.6 36.8 55.2

130 2.3 1.8 2.6

166 31.3 24.6 37.0

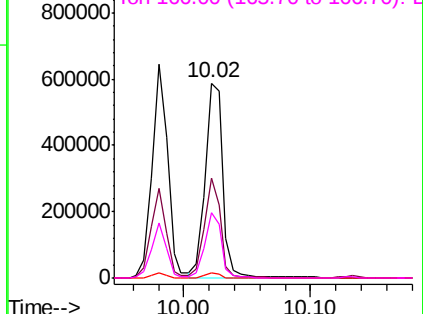
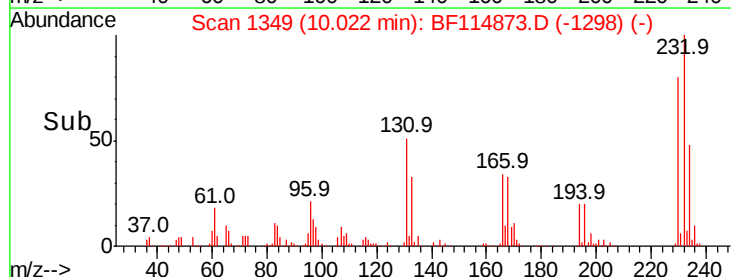


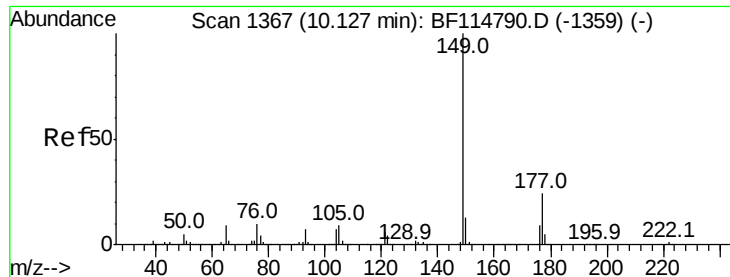
Abundance Ion 232.00 (231.70 to 232.70): E

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: 33.637 ng

RT: 10.13 min Scan# 1368

Delta R.T. 0.01 min

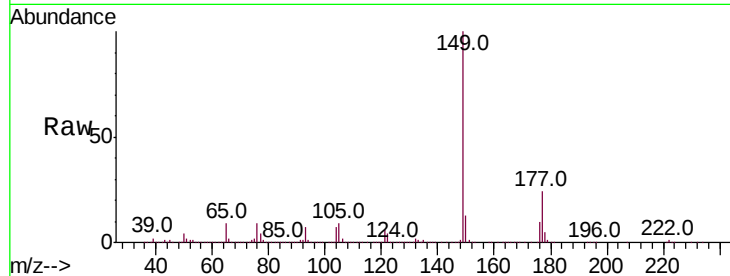
Lab File: BF114873.D

Acq: 6 Jun 2019 20:17

Instrument :
BNA_F
ClientSampleId :
RBR-200050MS

Tot Ion:149 Resp: 2274781

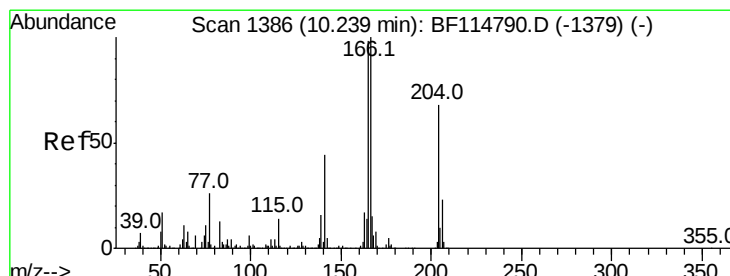
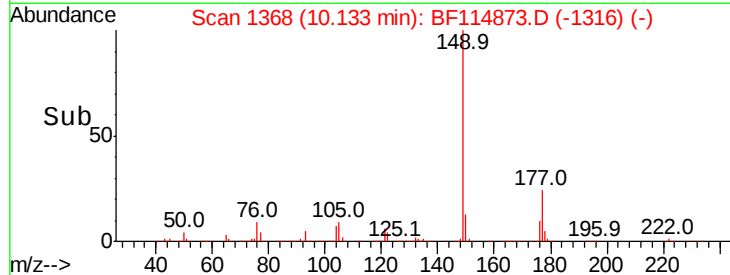
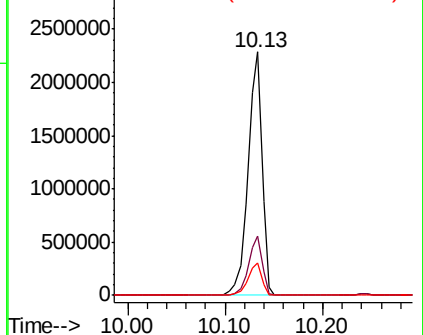
Ion	Ratio	Lower	Upper
149	100		
177	24.3	19.3	28.9
150	13.5	10.7	16.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#61

4-Chlorophenyl-phenylether

Concen: 31.261 ng

RT: 10.24 min Scan# 1386

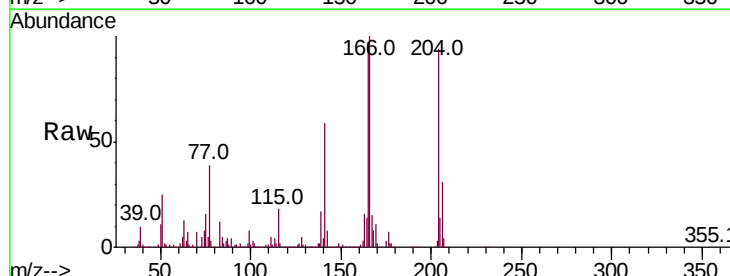
Delta R.T. -0.00 min

Lab File: BF114873.D

Acq: 6 Jun 2019 20:17

Tgt Ion:204 Resp: 919105

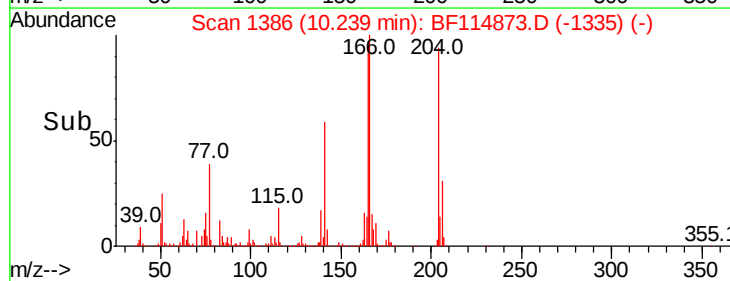
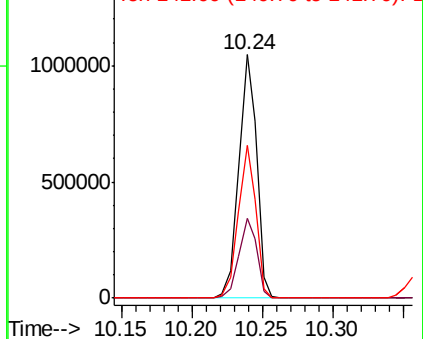
Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.5	39.7
141	62.9	51.0	76.4

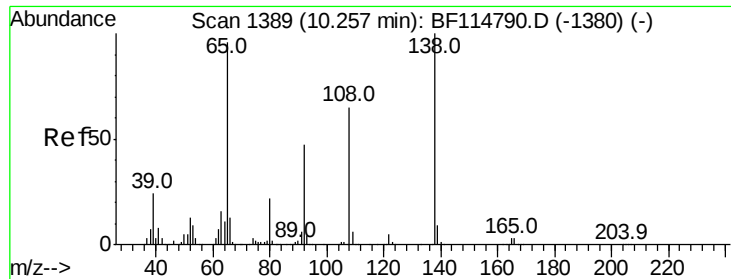


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

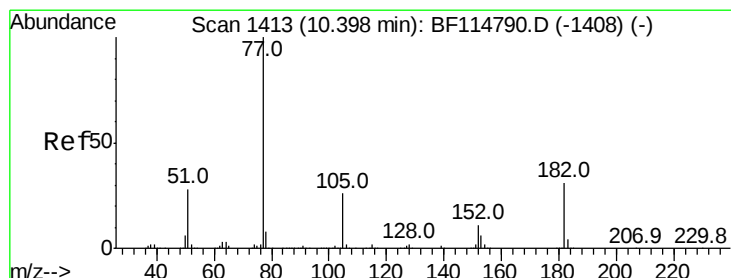
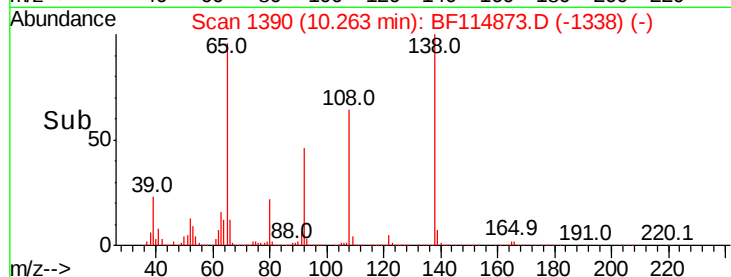
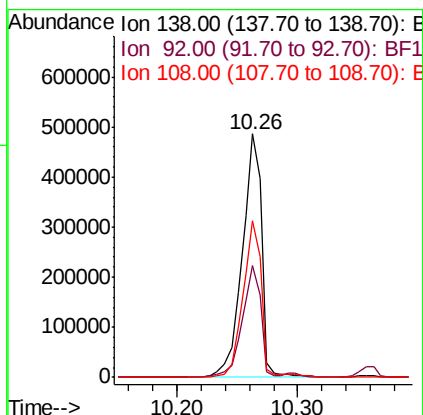
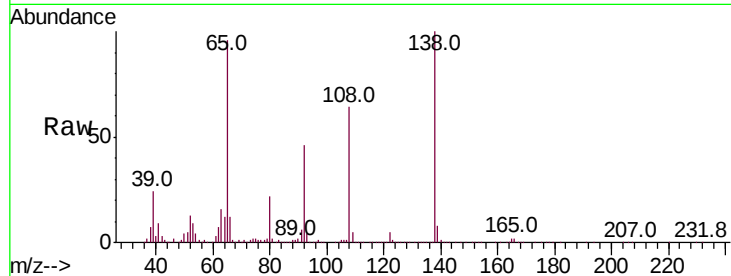




#62
4-Nitroaniline
Concen: 30.384 ng
RT: 10.26 min Scan# 1390
Delta R.T. 0.01 min
Lab File: BF114873.D
Acq: 6 Jun 2019 20:17

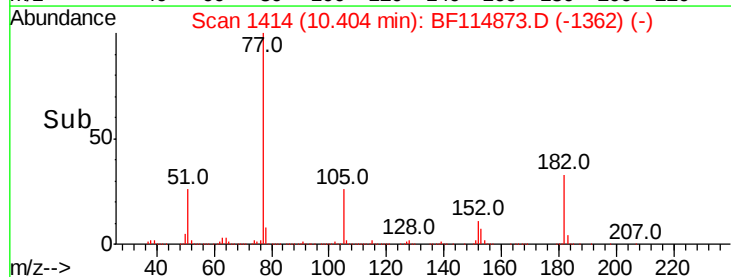
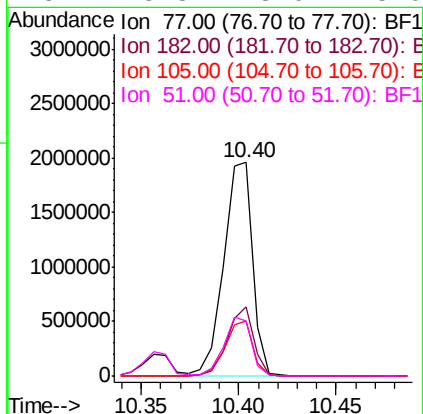
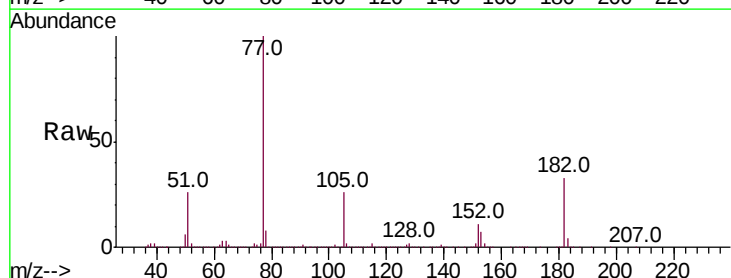
Instrument :
BNA_F
ClientSampleId :
RBR-200050MS

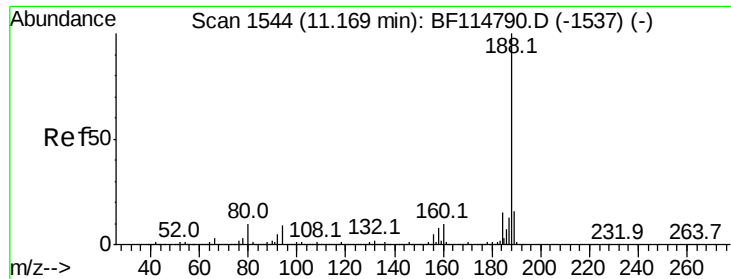
Tot Ion:138 Resp: 545656
Ion Ratio Lower Upper
138 100
92 46.0 26.5 66.5
108 64.1 45.4 85.4



#63
Azobenzene
Concen: 34.651 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BF114873.D
Acq: 6 Jun 2019 20:17

Tgt Ion: 77 Resp: 1994718
Ion Ratio Lower Upper
77 100
182 32.6 11.2 51.2
105 25.8 5.7 45.7
51 25.8 8.0 48.0

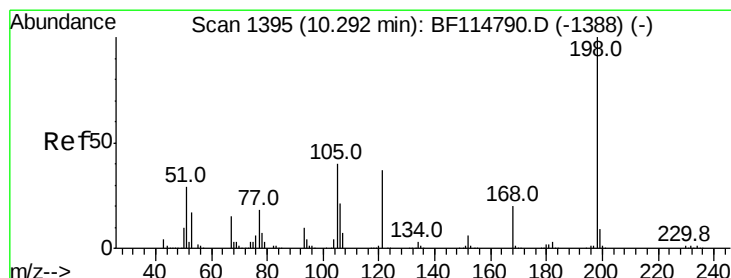
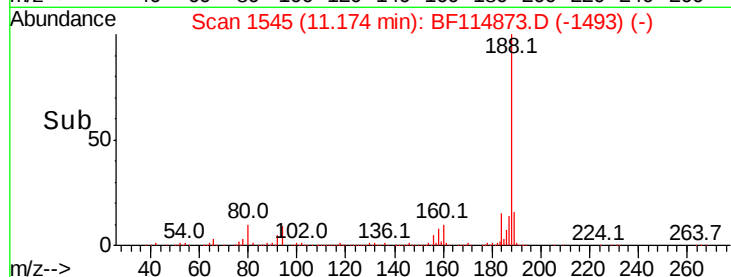
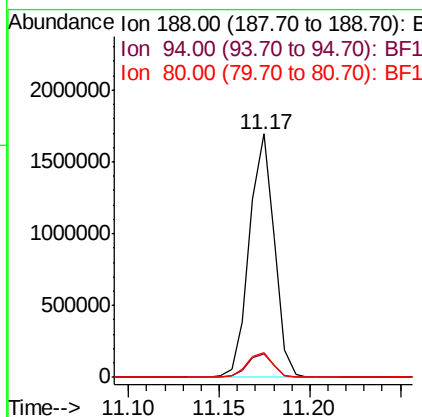
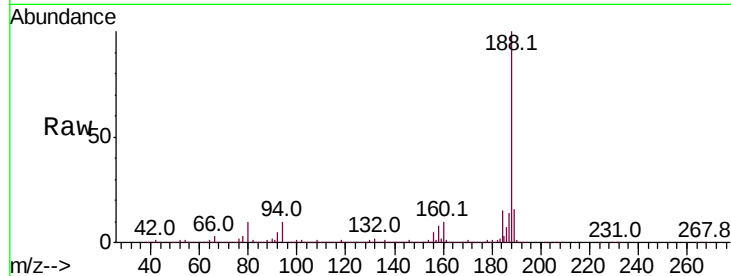




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1545
Delta R.T. 0.01 min
Lab File: BF114873.D
Acq: 6 Jun 2019 20:17

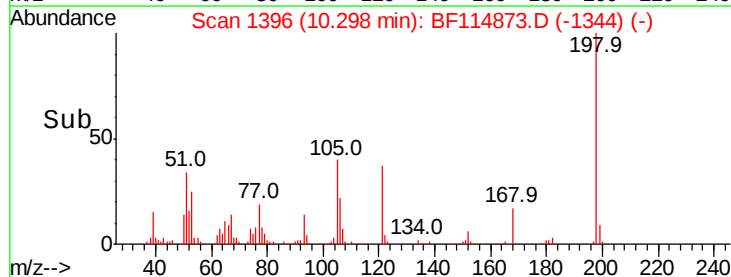
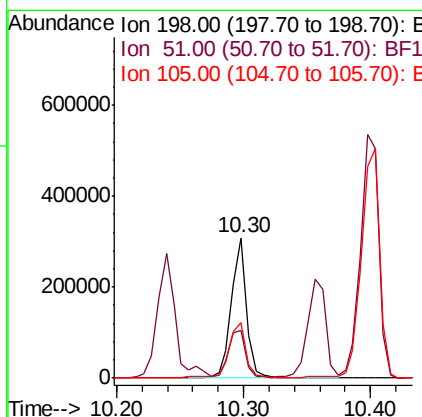
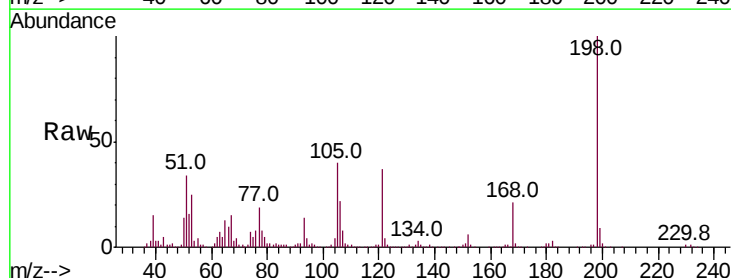
Instrument :
BNA_F
ClientSampleId :
RBR-200050MS

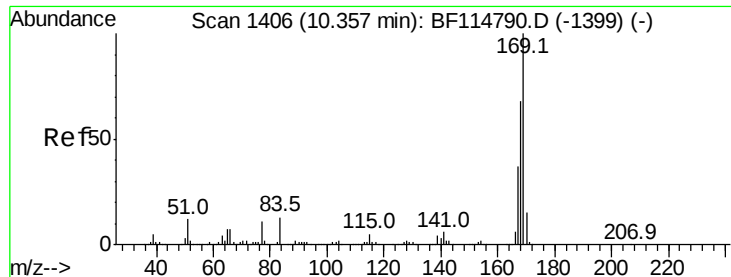
Tot Ion:188 Resp: 1616840
Ion Ratio Lower Upper
188 100
94 9.6 7.6 11.4
80 10.3 8.3 12.5



#65
4,6-Dinitro-2-methylphenol
Concen: 30.131 ng
RT: 10.30 min Scan# 1396
Delta R.T. 0.01 min
Lab File: BF114873.D
Acq: 6 Jun 2019 20:17

Tgt Ion:198 Resp: 253060
Ion Ratio Lower Upper
198 100
51 33.6 14.9 54.9
105 39.8 21.0 61.0

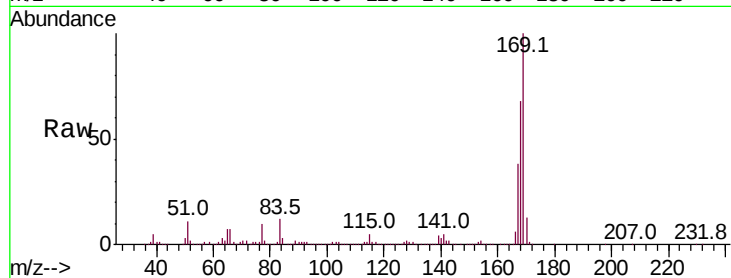




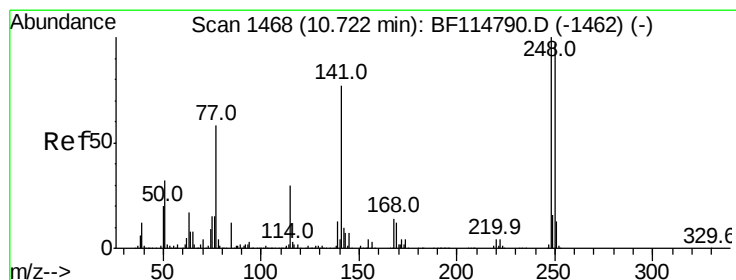
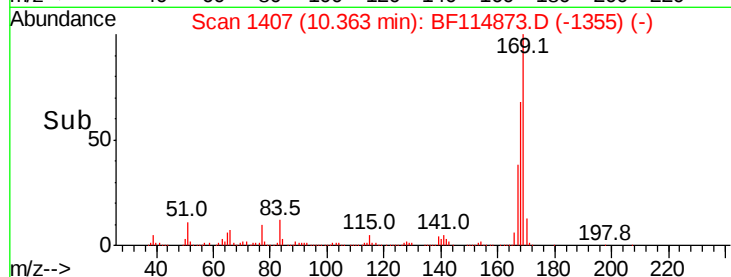
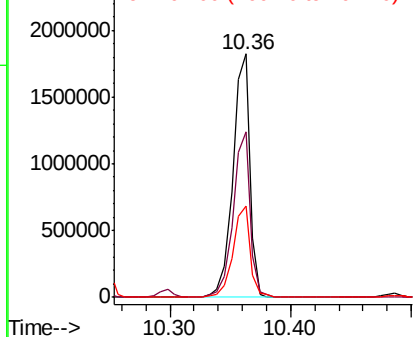
#66
n-Nitrosodiphenylamine
Concen: 36.437 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.01 min
Lab File: BF114873.D
Acq: 6 Jun 2019 20:17

Instrument :
BNA_F
ClientSampleId :
RBR-200050MS

Tot Ion:169 Resp: 1781423
Ion Ratio Lower Upper
169 100
168 67.8 54.3 81.5
167 37.6 29.9 44.9

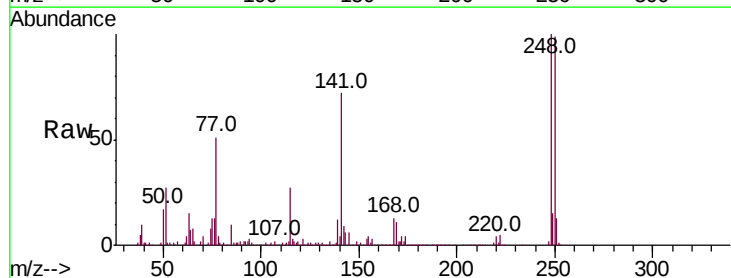


Abundance Ion 169.00 (168.70 to 169.70): E
2500000 Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

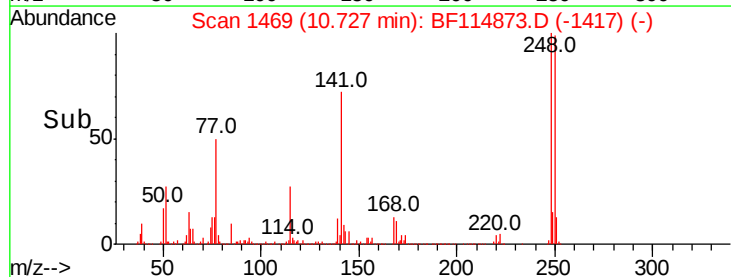
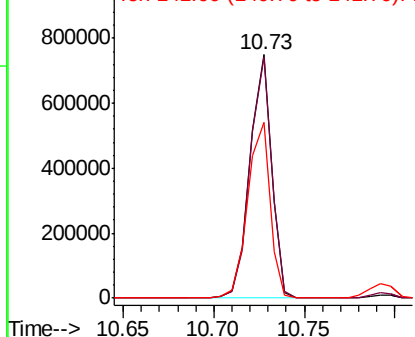


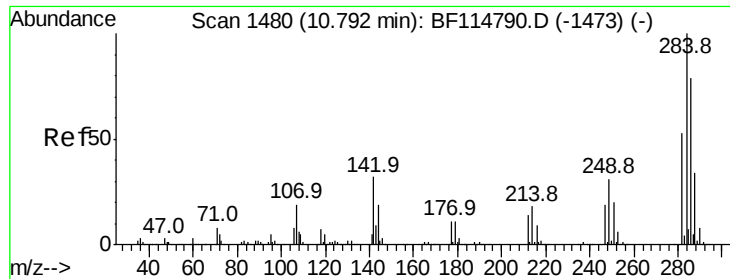
#67
4-Bromophenyl-phenylether
Concen: 34.029 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.01 min
Lab File: BF114873.D
Acq: 6 Jun 2019 20:17

Tgt Ion:248 Resp: 624881
Ion Ratio Lower Upper
248 100
250 98.8 77.5 116.3
141 72.3 61.8 92.8



Abundance Ion 248.00 (247.70 to 248.70): E
1000000 Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#68

Hexachlorobenzene

Concen: 33.537 ng

RT: 10.80 min Scan# 1481

Delta R.T. 0.01 min

Lab File: BF114873.D

Acq: 6 Jun 2019 20:17

Instrument :

BNA_F

ClientSampleId :

RBR-200050MS

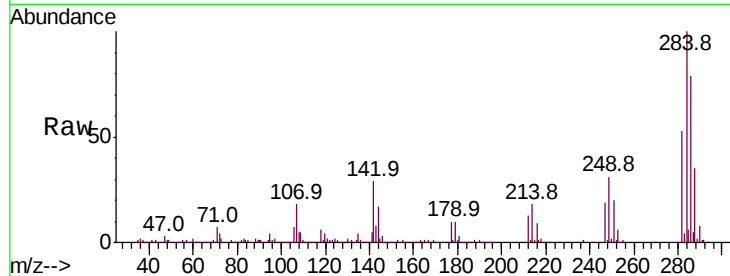
Tot Ion:284 Resp: 674000

Ion Ratio Lower Upper

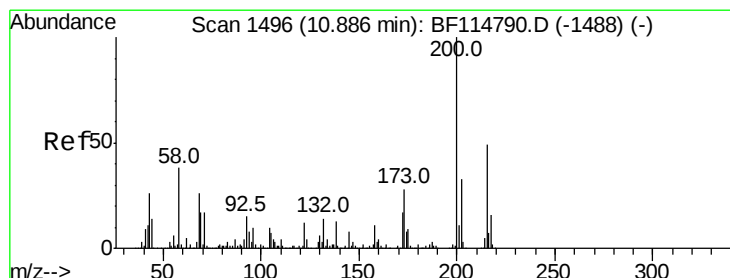
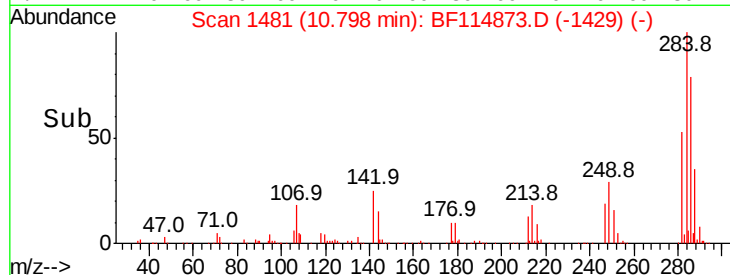
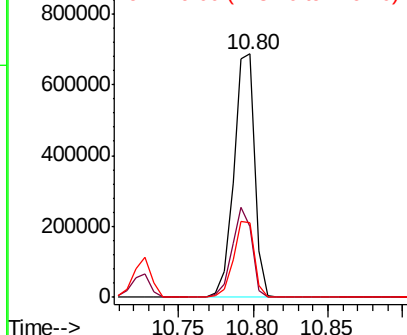
284 100

142 29.1 25.3 37.9

249 30.5 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: 32.580 ng

RT: 10.89 min Scan# 1497

Delta R.T. 0.01 min

Lab File: BF114873.D

Acq: 6 Jun 2019 20:17

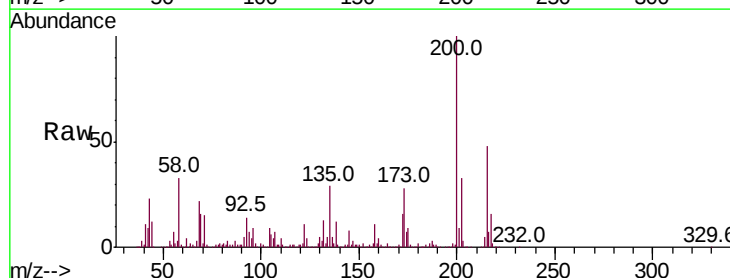
Tgt Ion:200 Resp: 553976

Ion Ratio Lower Upper

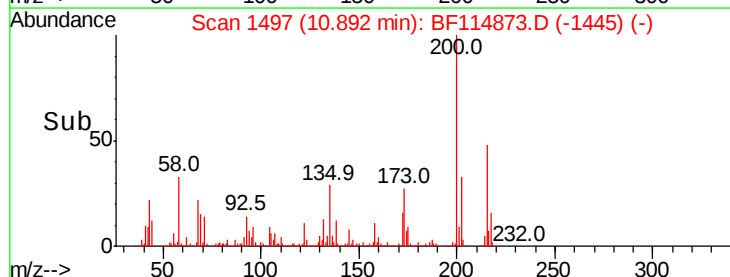
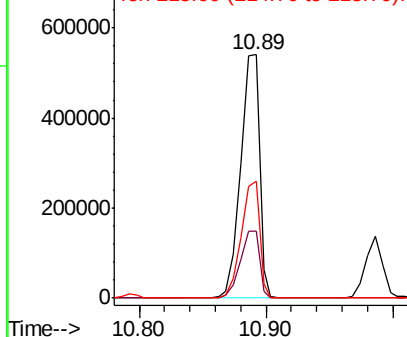
200 100

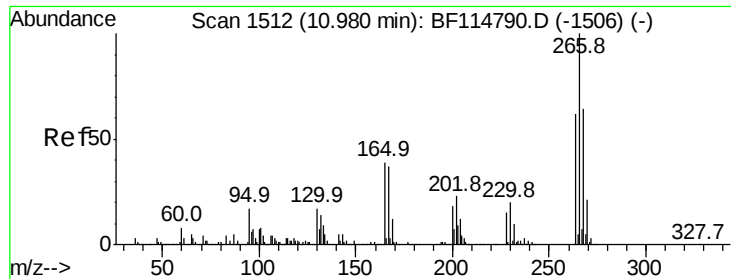
173 27.6 8.0 48.0

215 48.0 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

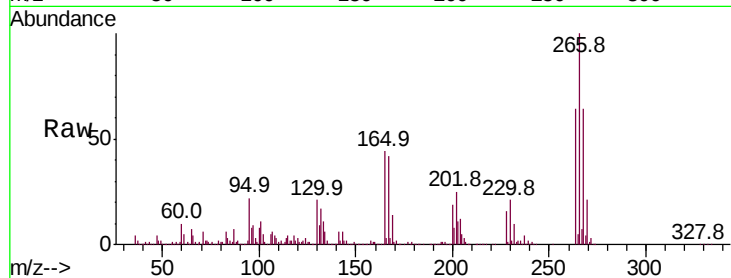




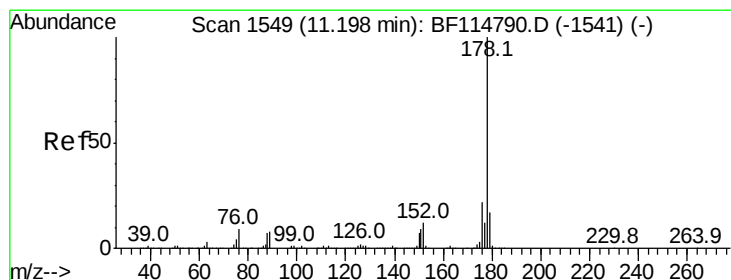
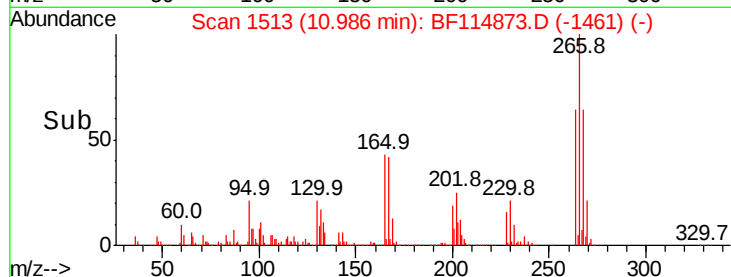
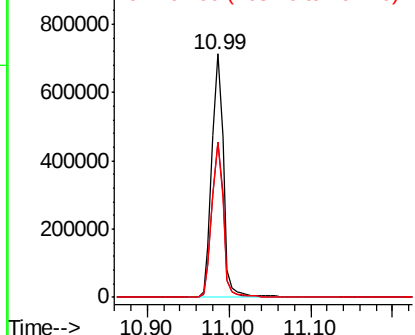
#70
 Pentachlorophenol
 Concen: 61.467 ng
 RT: 10.99 min Scan# 1513
 Delta R.T. 0.01 min
 Lab File: BF114873.D
 Acq: 6 Jun 2019 20:17

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200050MS

Tot Ion:266 Resp: 714130
 Ion Ratio Lower Upper
 266 100
 268 63.6 51.0 76.6
 264 63.7 49.6 74.4

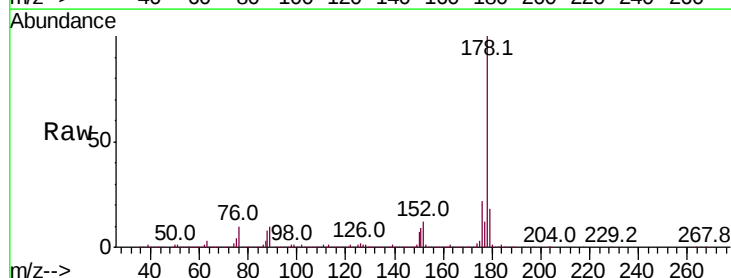


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

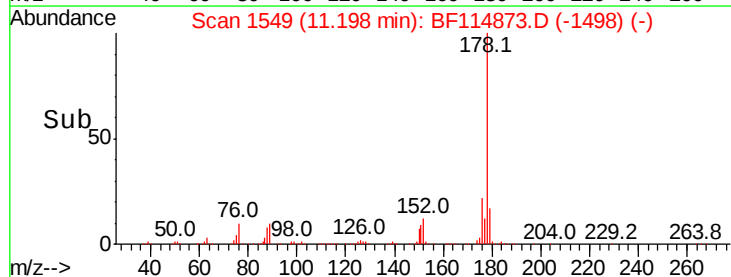
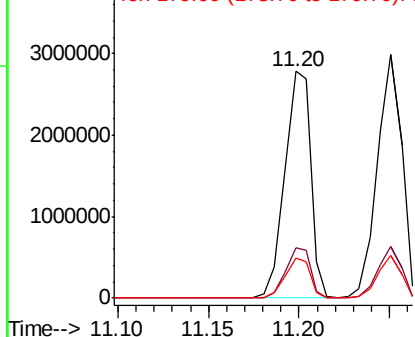


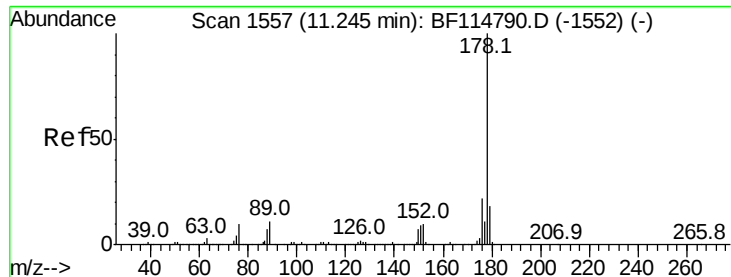
#71
 Phenanthrene
 Concen: 36.124 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. -0.00 min
 Lab File: BF114873.D
 Acq: 6 Jun 2019 20:17

Tgt Ion:178 Resp: 2788239
 Ion Ratio Lower Upper
 178 100
 176 22.0 17.7 26.5
 179 17.5 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



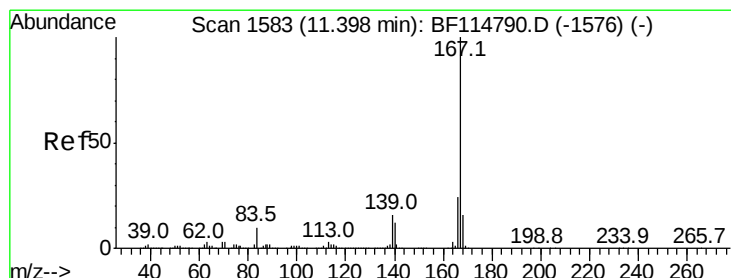
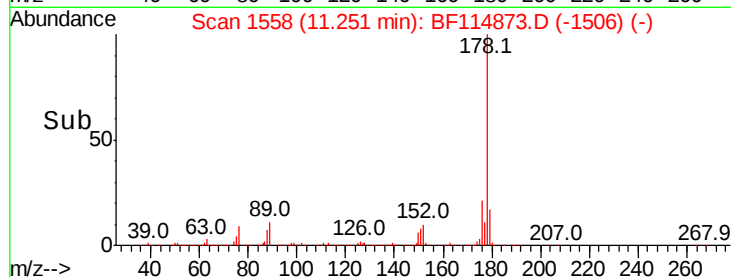
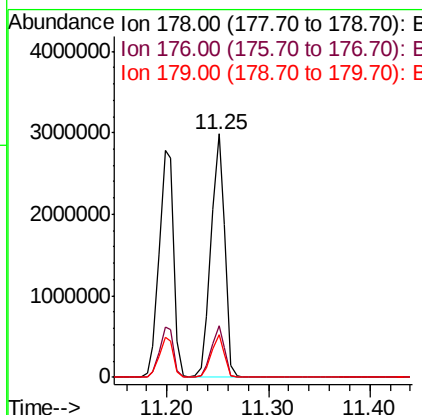
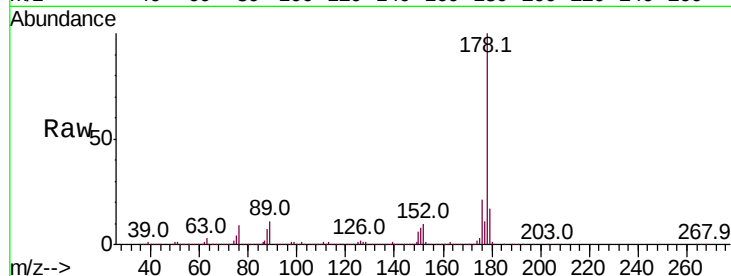


#72
 Anthracene
 Concen: 34.791 ng
 RT: 11.25 min Scan# 1558
 Delta R.T. 0.01 min
 Lab File: BF114873.D
 Acq: 6 Jun 2019 20:17

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200050MS

Tot Ion:178 Resp: 2826069

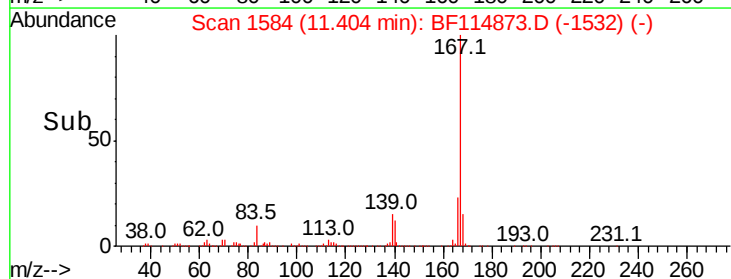
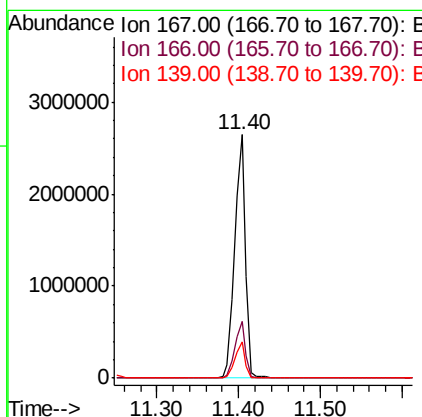
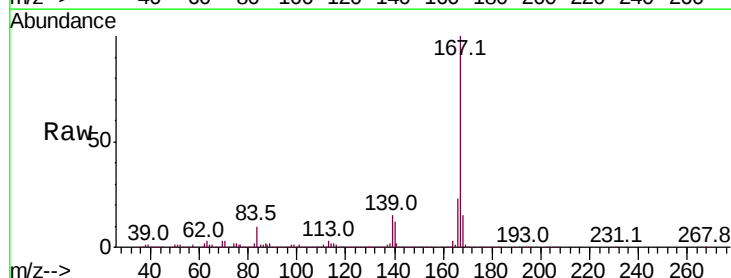
Ion	Ratio	Lower	Upper
178	100		
176	21.4	17.4	26.0
179	17.3	14.2	21.4

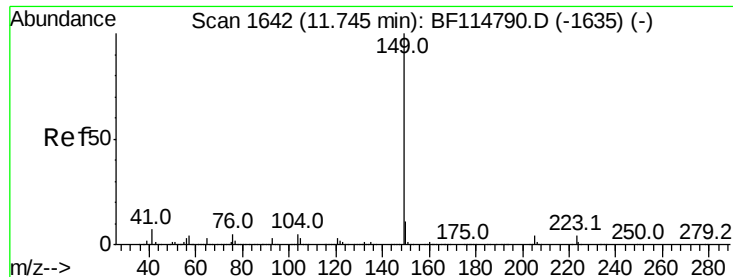


#73
 Carbazole
 Concen: 35.097 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. 0.01 min
 Lab File: BF114873.D
 Acq: 6 Jun 2019 20:17

Tgt Ion:167 Resp: 2443956

Ion	Ratio	Lower	Upper
167	100		
166	23.5	19.1	28.7
139	14.9	12.4	18.6





#74

Di-n-butylphthalate

Concen: 34.580 ng

RT: 11.74 min Scan# 1642

Delta R.T. -0.00 min

Lab File: BF114873.D

Acq: 6 Jun 2019 20:17

Instrument :

BNA_F

ClientSampleId :

RBR-200050MS

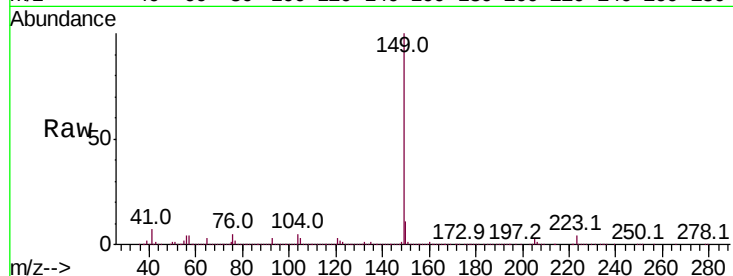
Tot Ion:149 Resp: 3167132

Ion Ratio Lower Upper

149 100

150 10.9 8.9 13.3

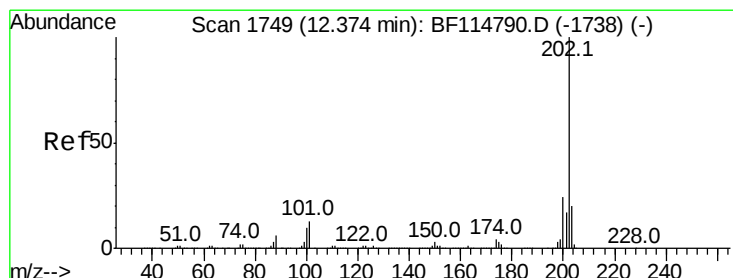
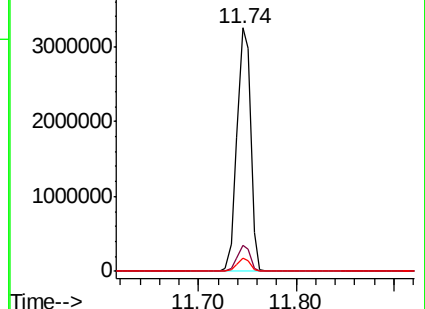
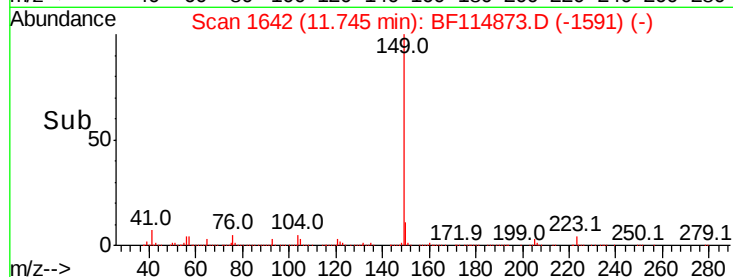
104 5.2 4.3 6.5



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: 34.683 ng

RT: 12.38 min Scan# 1750

Delta R.T. 0.01 min

Lab File: BF114873.D

Acq: 6 Jun 2019 20:17

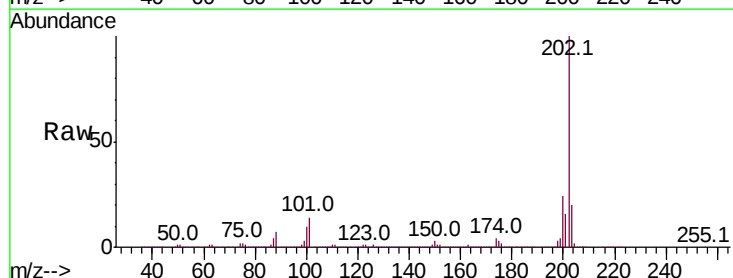
Tgt Ion:202 Resp: 2786284

Ion Ratio Lower Upper

202 100

101 13.7 0.0 32.8

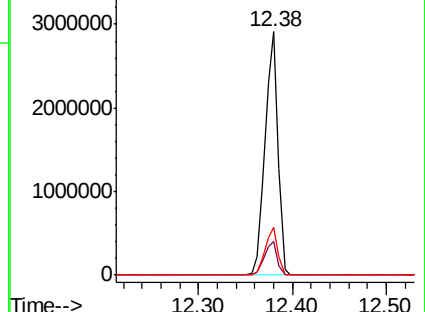
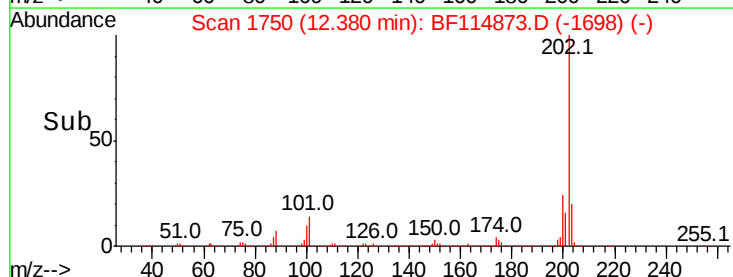
203 19.9 0.2 40.2

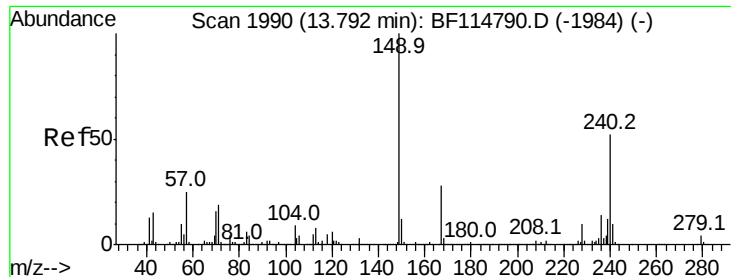


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.80 min Scan# 1991

Delta R.T. 0.01 min

Lab File: BF114873.D

Acq: 6 Jun 2019 20:17

Instrument :

BNA_F

ClientSampleId :

RBR-200050MS

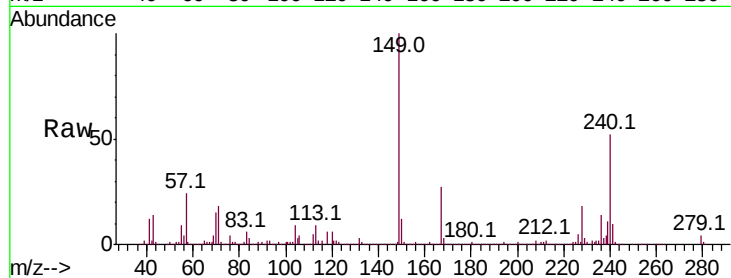
Tot Ion:240 Resp: 833289

Ion Ratio Lower Upper

240 100

120 12.0 9.0 13.4

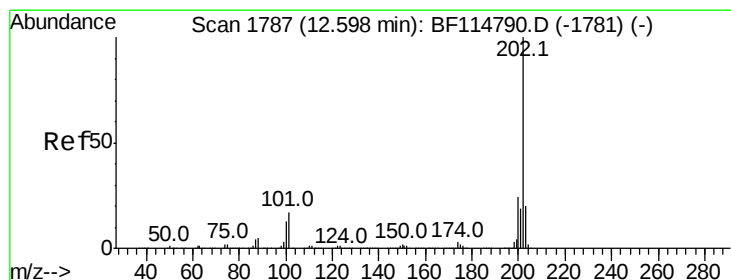
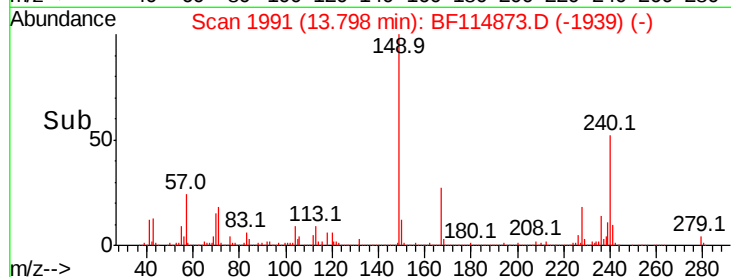
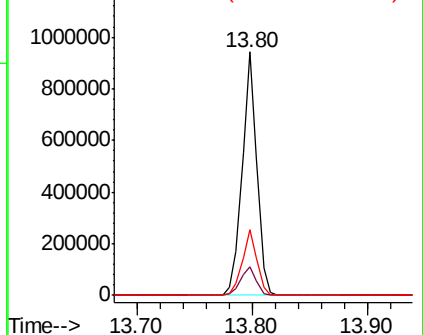
236 27.1 21.4 32.0



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: 38.335 ng

RT: 12.60 min Scan# 1788

Delta R.T. 0.01 min

Lab File: BF114873.D

Acq: 6 Jun 2019 20:17

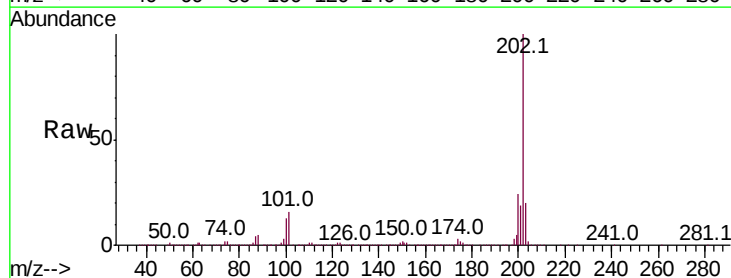
Tgt Ion:202 Resp: 2771150

Ion Ratio Lower Upper

202 100

200 24.0 19.2 28.8

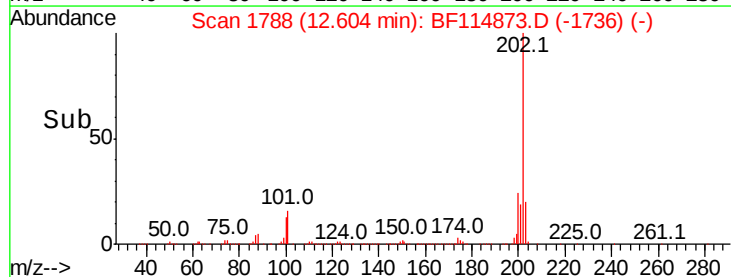
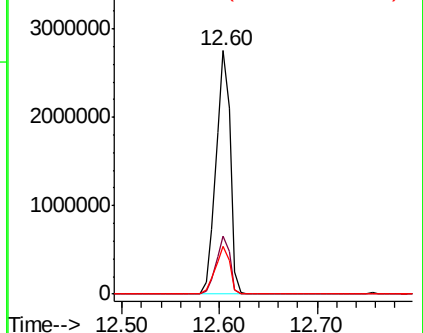
203 19.6 15.9 23.9

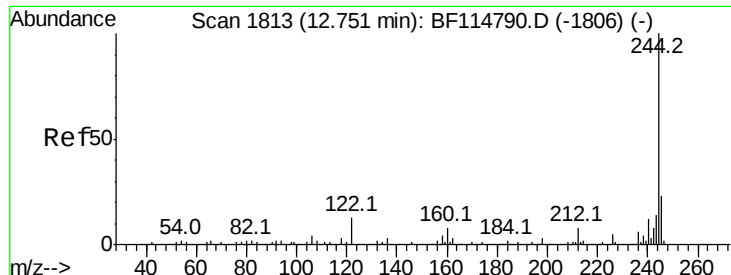


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 85.071 ng

RT: 12.76 min Scan# 1814

Delta R.T. 0.01 min

Lab File: BF114873.D

Acq: 6 Jun 2019 20:17

Instrument :

BNA_F

ClientSampleId :

RBR-200050MS

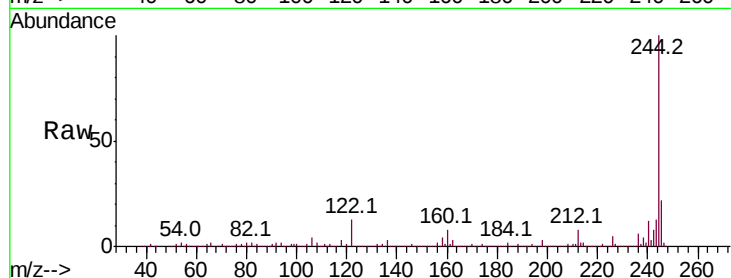
Tot Ion:244 Resp: 3645099

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

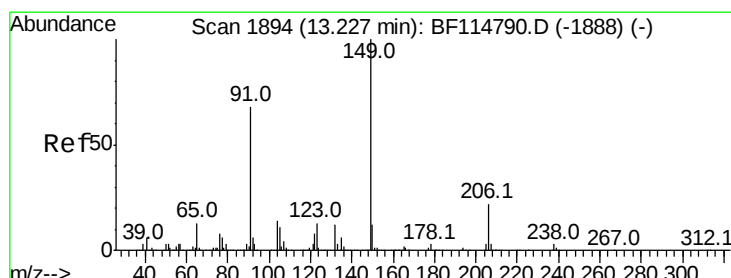
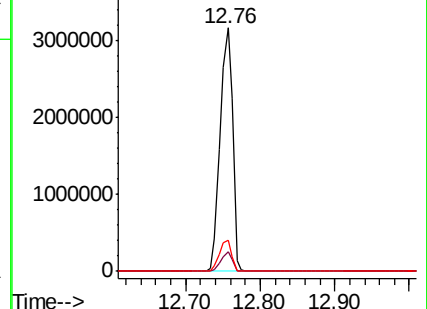
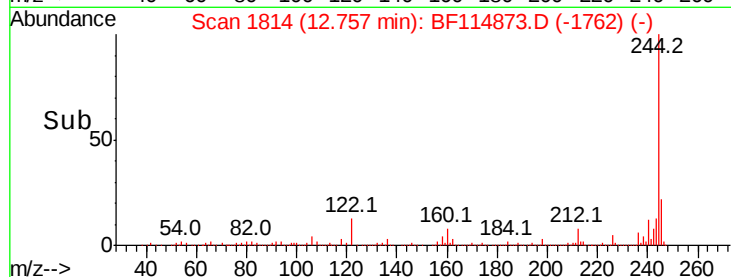
122 12.9 10.5 15.7



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: 36.618 ng

RT: 13.23 min Scan# 1895

Delta R.T. 0.01 min

Lab File: BF114873.D

Acq: 6 Jun 2019 20:17

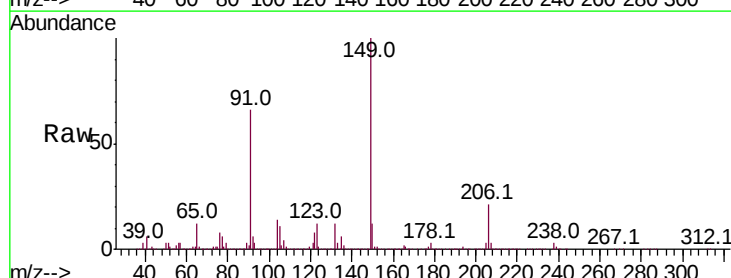
Tgt Ion:149 Resp: 1336724

Ion Ratio Lower Upper

149 100

91 66.0 54.6 82.0

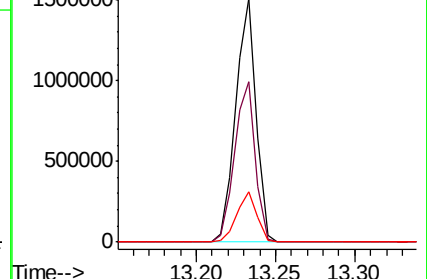
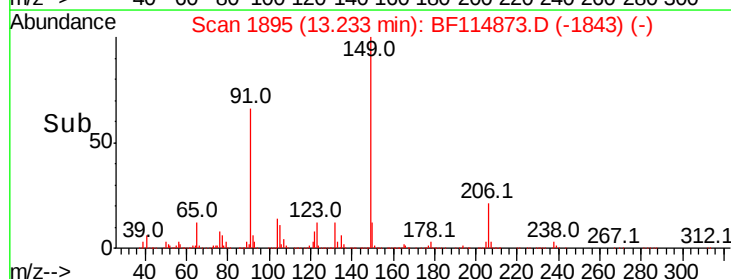
206 20.7 17.2 25.8

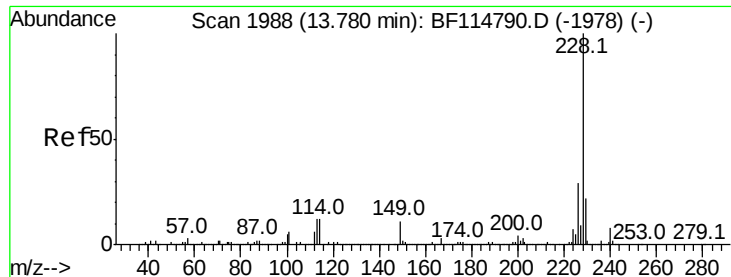


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 33.694 ng

RT: 13.79 min Scan# 1989

Delta R.T. 0.01 min

Lab File: BF114873.D

Acq: 6 Jun 2019 20:17

Instrument :

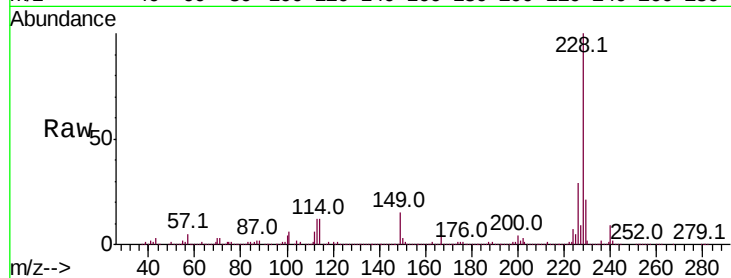
BNA_F

ClientSampleId :

RBR-200050MS

Tot Ion:228 Resp: 2163574

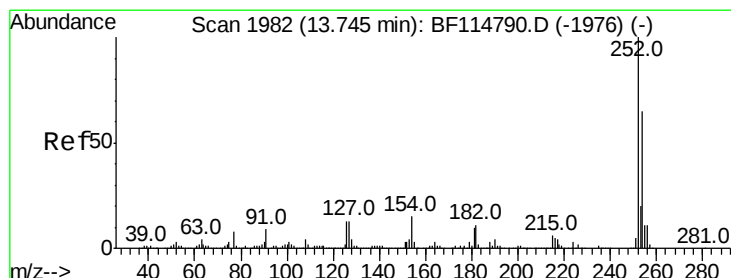
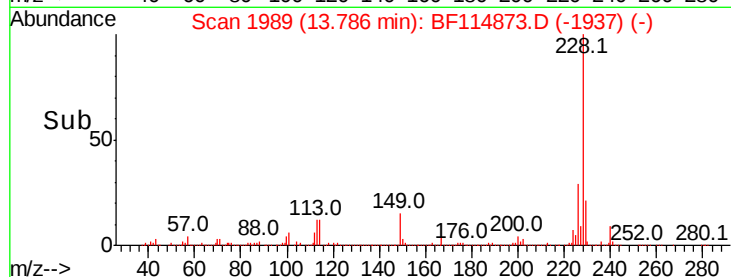
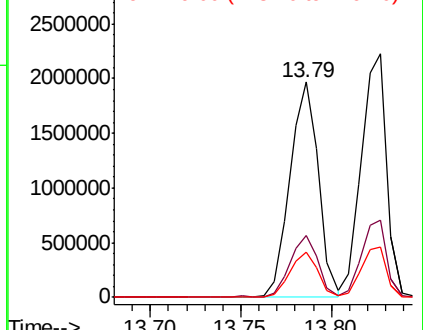
Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.4	35.2
229	20.8	17.4	26.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 21.079 ng

RT: 13.75 min Scan# 1983

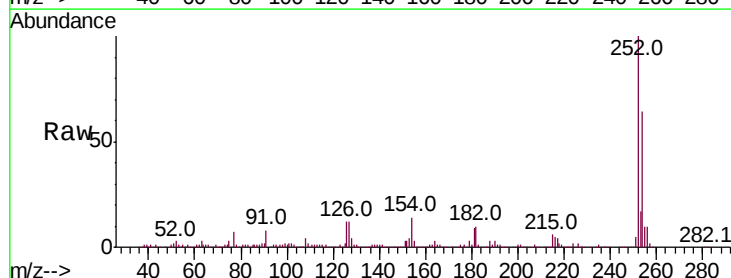
Delta R.T. 0.01 min

Lab File: BF114873.D

Acq: 6 Jun 2019 20:17

Tgt Ion:252 Resp: 548846

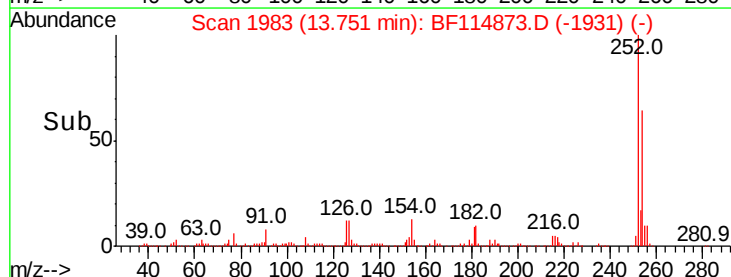
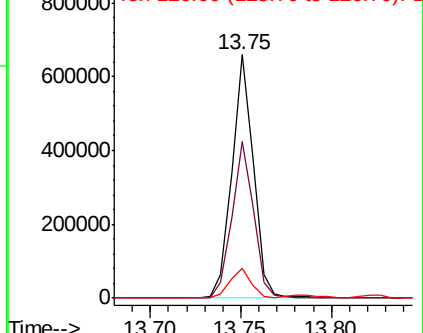
Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.9	77.9
126	12.2	10.5	15.7

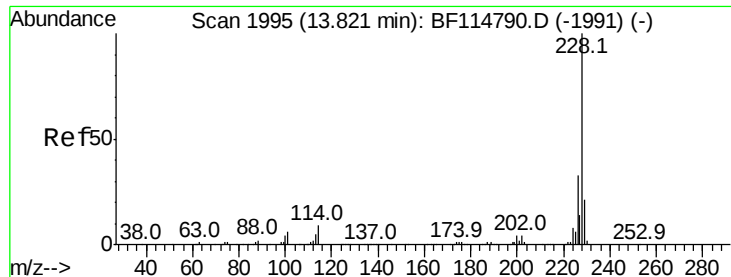


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 34.597 ng

RT: 13.83 min Scan# 1996

Delta R.T. 0.01 min

Lab File: BF114873.D

Acq: 6 Jun 2019 20:17

Instrument :

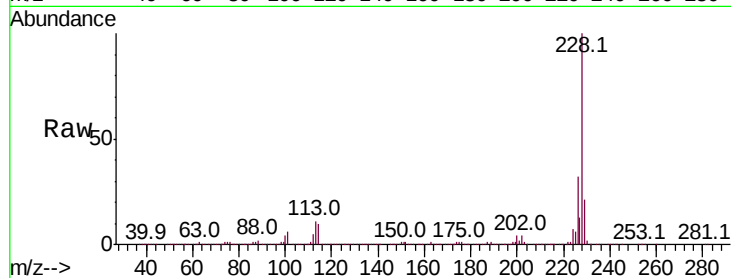
BNA_F

ClientSampleId :

RBR-200050MS

Tot Ion:228 Resp: 2161188

Ion	Ratio	Lower	Upper
228	100		
226	31.8	26.0	39.0
229	20.9	17.1	25.7

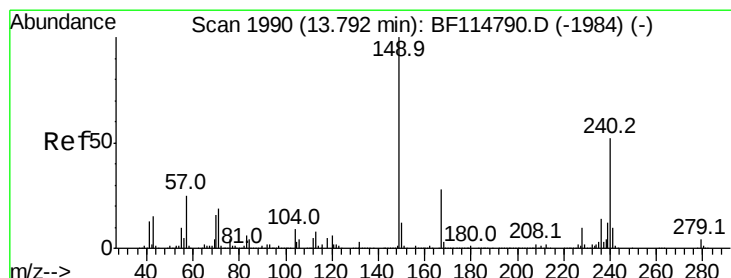
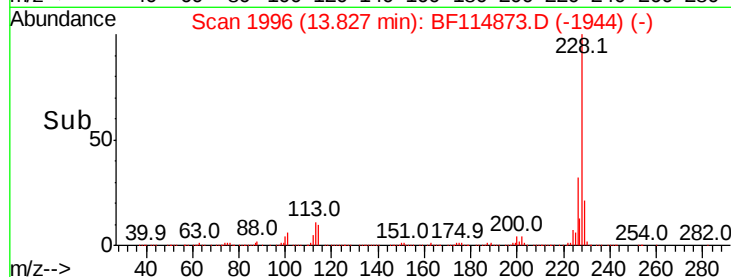
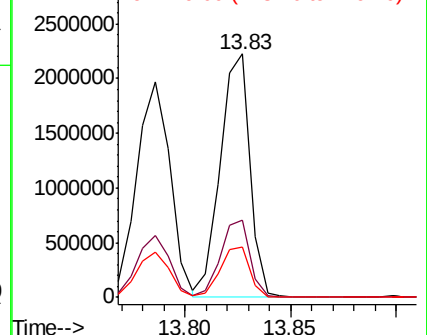


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.160 ng

RT: 13.80 min Scan# 1991

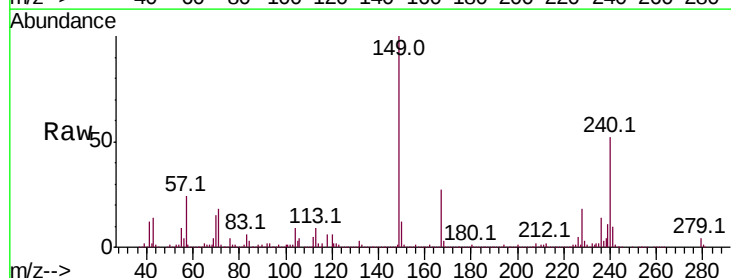
Delta R.T. 0.01 min

Lab File: BF114873.D

Acq: 6 Jun 2019 20:17

Tgt Ion:149 Resp: 1715275

Ion	Ratio	Lower	Upper
149	100		
167	27.4	22.7	34.1
279	3.9	3.1	4.7

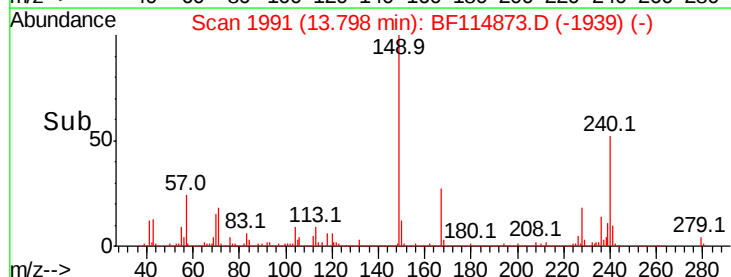
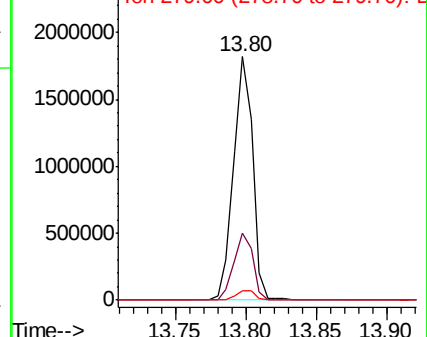


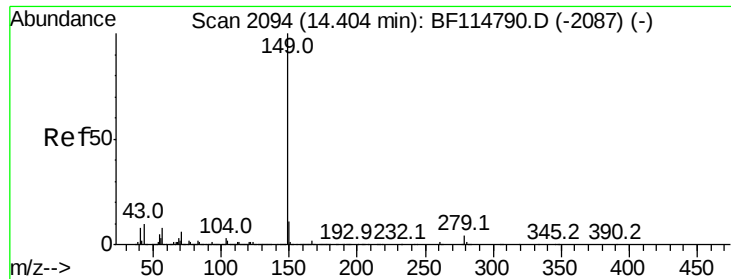
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 37.460 ng

RT: 14.41 min Scan# 2095

Delta R.T. 0.01 min

Lab File: BF114873.D

Acq: 6 Jun 2019 20:17

Instrument :

BNA_F

ClientSampleId :

RBR-200050MS

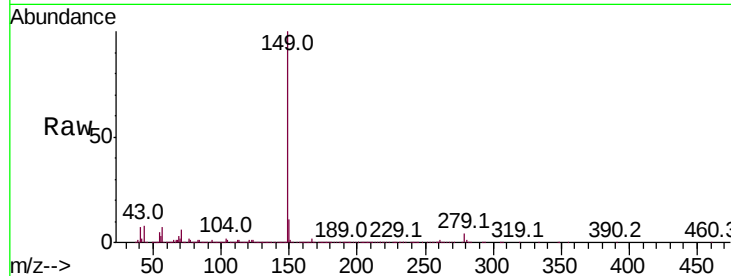
Tot Ion:149 Resp: 2938094

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

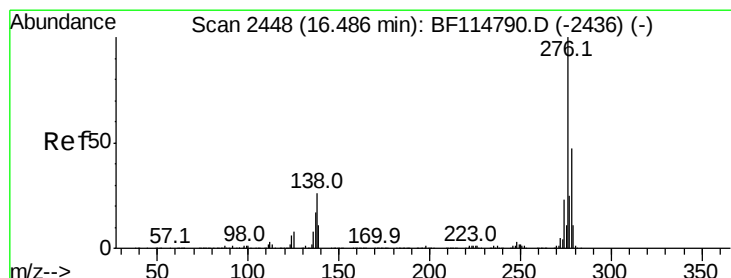
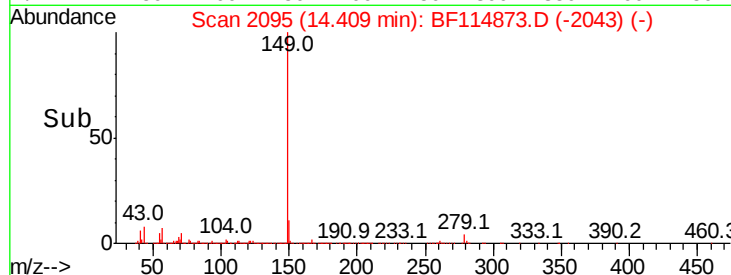
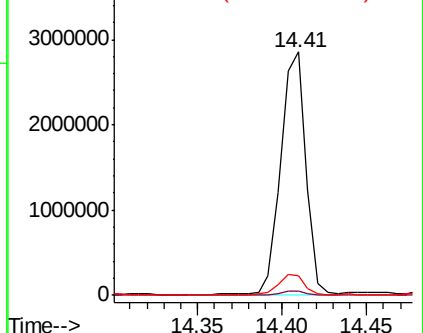
43 8.5 7.0 10.6



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: 29.590 ng

RT: 16.50 min Scan# 2450

Delta R.T. 0.01 min

Lab File: BF114873.D

Acq: 6 Jun 2019 20:17

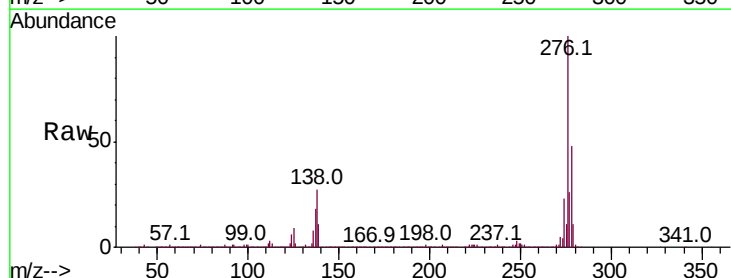
Tgt Ion:276 Resp: 2108990

Ion Ratio Lower Upper

276 100

138 29.0 22.2 33.4

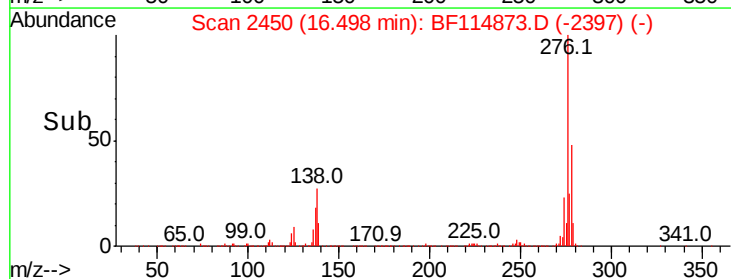
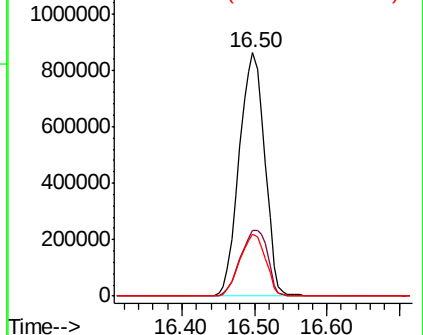
277 25.8 20.6 30.8

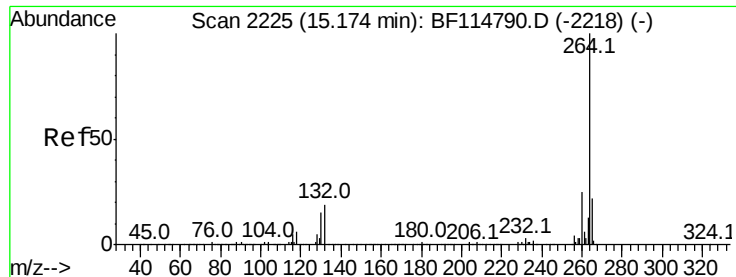


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.18 min Scan# 2226

Delta R.T. 0.01 min

Lab File: BF114873.D

Acq: 6 Jun 2019 20:17

Instrument :

BNA_F

ClientSampleId :

RBR-200050MS

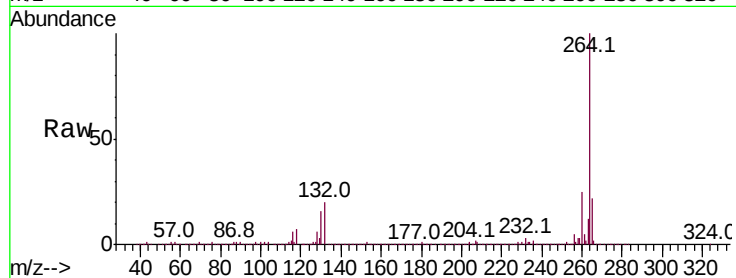
Tot Ion:264 Resp: 950560

Ion Ratio Lower Upper

264 100

260 24.9 20.1 30.1

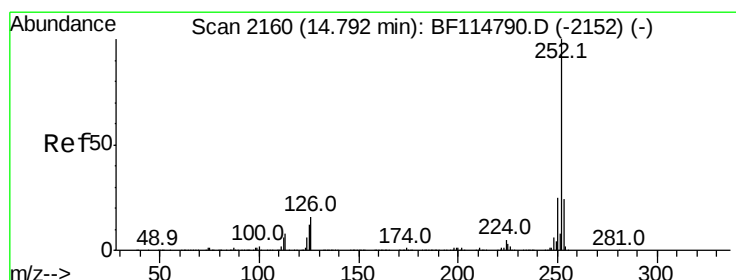
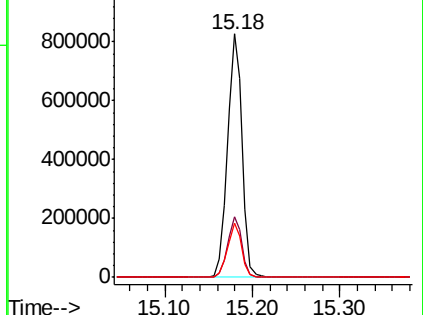
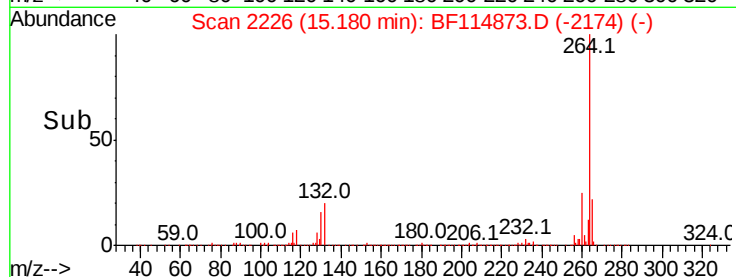
265 22.4 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 34.792 ng

RT: 14.80 min Scan# 2161

Delta R.T. 0.01 min

Lab File: BF114873.D

Acq: 6 Jun 2019 20:17

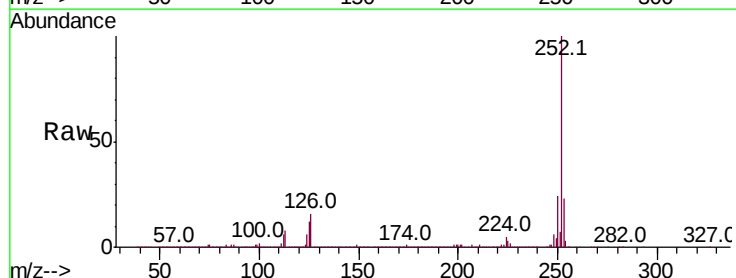
Tgt Ion:252 Resp: 2105407

Ion Ratio Lower Upper

252 100

253 22.8 19.0 28.6

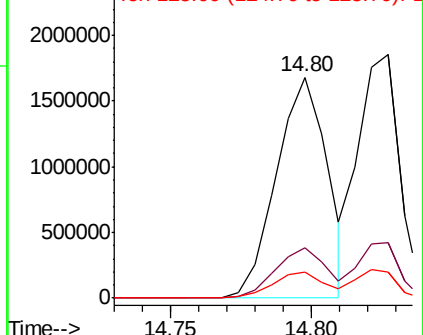
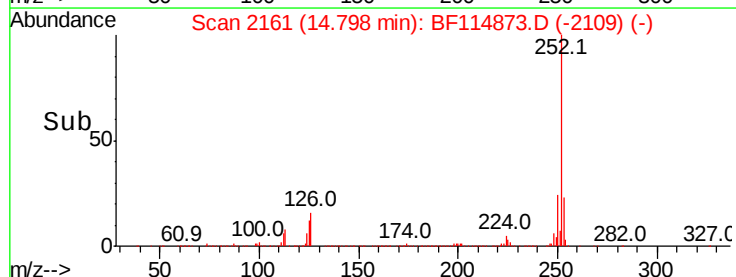
125 12.0 9.4 14.0

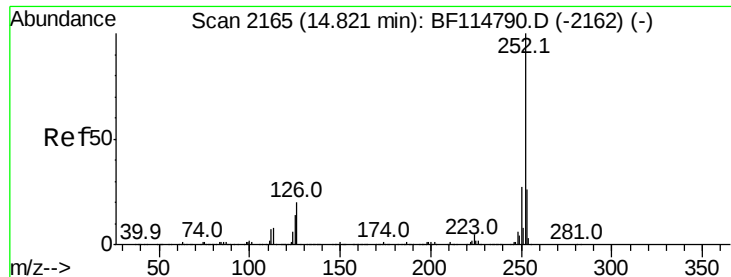


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 36.481 ng

RT: 14.83 min Scan# 2166

Delta R.T. 0.01 min

Lab File: BF114873.D

Acq: 6 Jun 2019 20:17

Instrument :

BNA_F

ClientSampleId :

RBR-200050MS

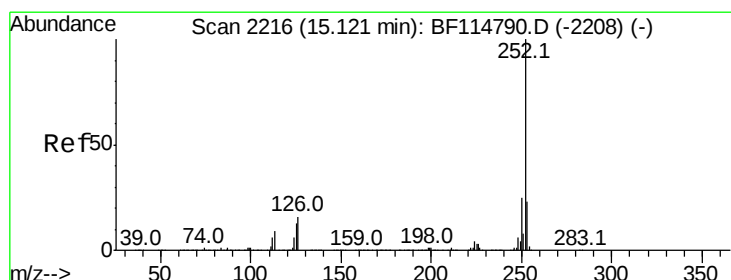
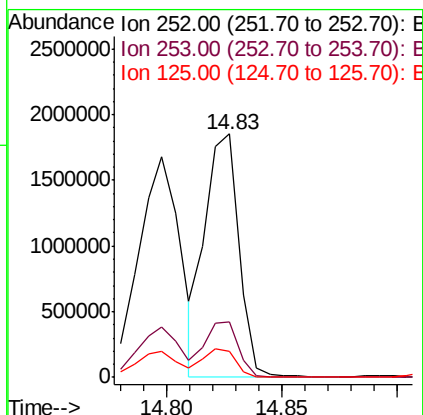
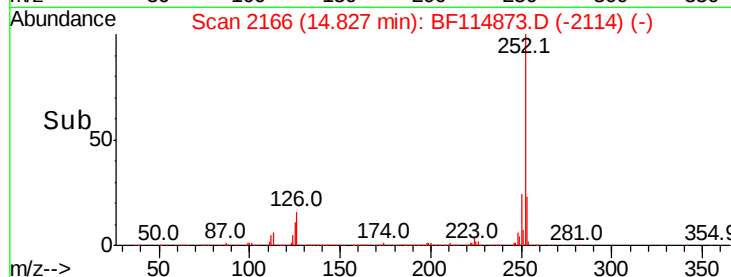
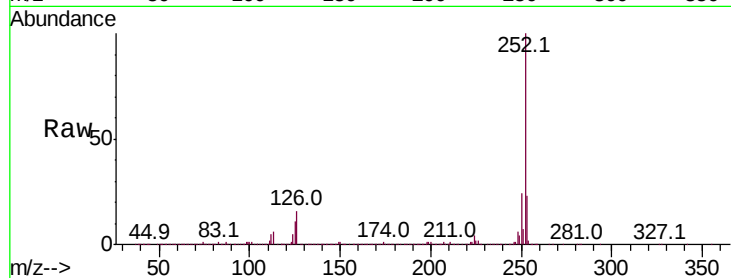
Tot Ion:252 Resp: 1874772

Ion Ratio Lower Upper

252 100

253 22.8 19.3 28.9

125 10.7 10.1 15.1



#90

Benzo(a)pyrene

Concen: 36.486 ng

RT: 15.13 min Scan# 2217

Delta R.T. 0.01 min

Lab File: BF114873.D

Acq: 6 Jun 2019 20:17

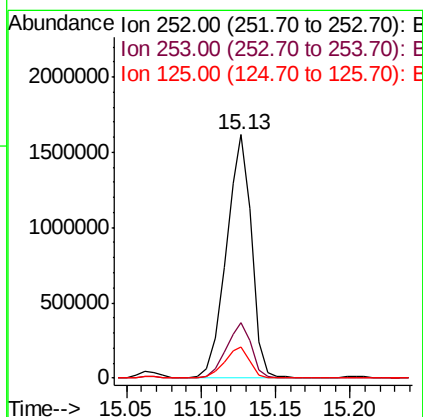
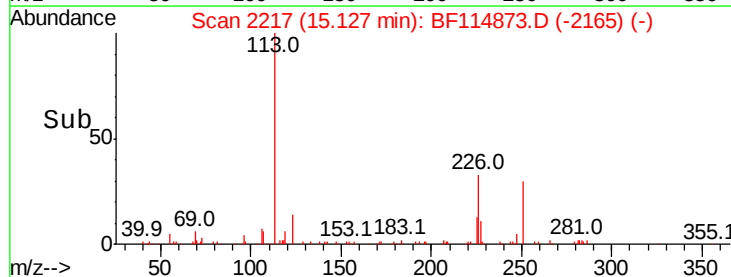
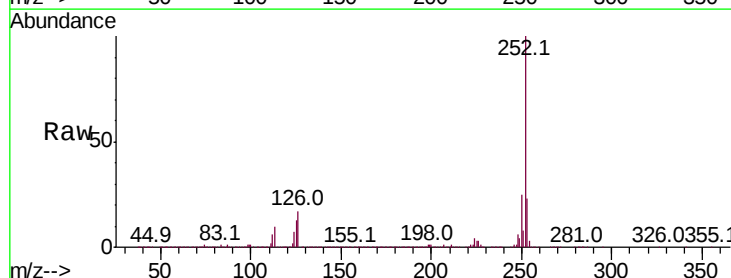
Tgt Ion:252 Resp: 1911036

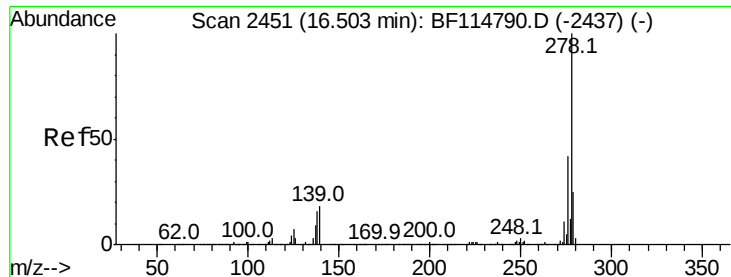
Ion Ratio Lower Upper

252 100

253 22.9 18.5 27.7

125 12.9 10.1 15.1





#91

Dibenzo(a,h)anthracene

Concen: 35.047 ng

RT: 16.52 min Scan# 2453

Delta R.T. 0.01 min

Lab File: BF114873.D

Acq: 6 Jun 2019 20:17

Instrument :

BNA_F

ClientSampleId :

RBR-200050MS

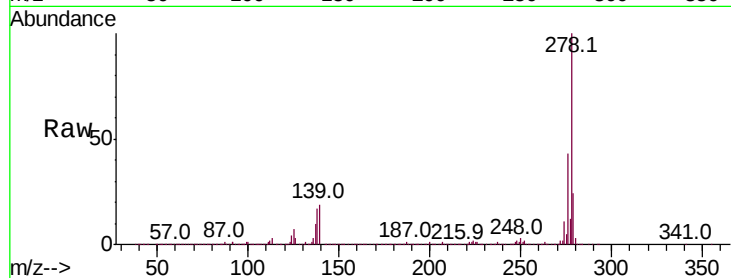
Tot Ion:278 Resp: 1738428

Ion Ratio Lower Upper

278 100

139 18.7 14.6 22.0

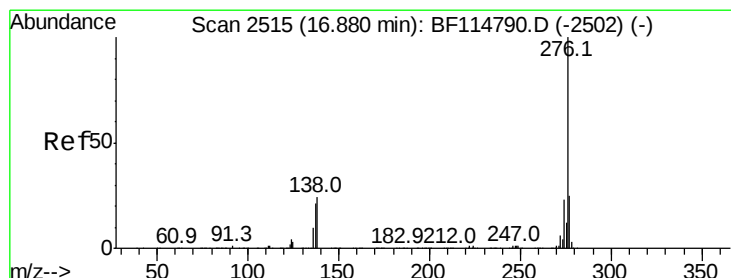
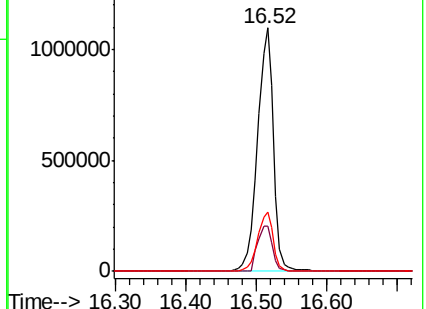
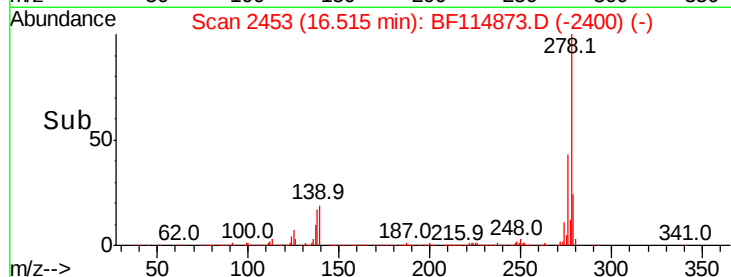
279 24.4 20.1 30.1



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: 35.444 ng

RT: 16.89 min Scan# 2517

Delta R.T. 0.01 min

Lab File: BF114873.D

Acq: 6 Jun 2019 20:17

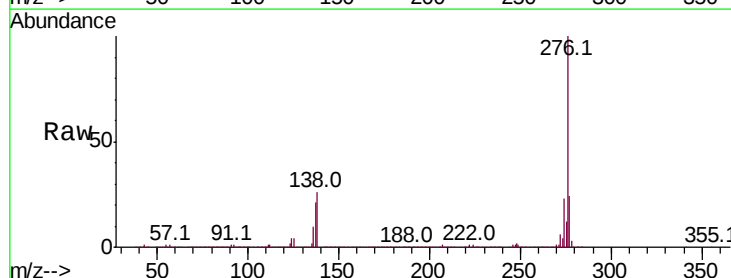
Tgt Ion:276 Resp: 1767948

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

