

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
 Data File : BF114866.D
 Acq On : 6 Jun 2019 16:55
 Operator : HP/JU
 Sample : PB120321BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120321BS

Quant Time: Jun 07 00:01:56 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	385934	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	1513548	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	751068	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	1390575	20.00	ng	0.00
76) Chrysene-d12	13.80	240	738670	20.00	ng	0.00
87) Perylene-d12	15.17	264	816519	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	2473153	111.97	ng	0.02
7) Phenol-d6	6.32	99	3015559	112.21	ng	0.01
23) Nitrobenzene-d5	7.23	82	1954409	79.49	ng	0.00
42) 2,4,6-Tribromophenol	10.49	330	891636	110.16	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	3582899	89.36	ng	0.00
79) Terphenyl-d14	12.76	244	3439776	90.56	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.40	88	420131	39.841	ng	99
3) Pyridine	3.07	79	1172994	40.475	ng	99
4) n-Nitrosodimethylamine	3.02	42	456132	43.004	ng	100
6) Aniline	6.33	93	1106713	29.021	ng	# 64
8) 2-Chlorophenol	6.46	128	1153498	45.201	ng	98
9) Benzaldehyde	6.21	77	320215	17.177	ng	100
10) Phenol	6.33	94	1270271	41.332	ng	97
11) bis(2-Chloroethyl)ether	6.41	93	1050195	43.784	ng	97
12) 1,3-Dichlorobenzene	6.61	146	1227646	41.284	ng	99
13) 1,4-Dichlorobenzene	6.69	146	1244509	41.593	ng	99
14) 1,2-Dichlorobenzene	6.84	146	1171688	43.359	ng	99
15) Benzyl Alcohol	6.82	79	912038	44.876	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.95	45	1493850	43.547	ng	100
17) 2-Methylphenol	6.93	107	970308	44.483	ng	98
18) Hexachloroethane	7.18	117	461923	41.016	ng	98
19) n-Nitroso-di-n-propylamine	7.10	70	762675	42.870	ng	98
20) 3+4-Methylphenols	7.09	107	1089885	45.300	ng	95
22) Acetophenone	7.08	105	1526536	45.810	ng	# 97
24) Nitrobenzene	7.25	77	1165900	45.773	ng	100
25) Isophorone	7.50	82	2223688	45.748	ng	99
26) 2-Nitrophenol	7.57	139	670334	48.590	ng	96
27) 2,4-Dimethylphenol	7.62	122	1074896	51.263	ng	98
28) bis(2-Chloroethoxy)methane	7.71	93	1409032	45.348	ng	99
29) 2,4-Dichlorophenol	7.82	162	1039933	47.140	ng	99
30) 1,2,4-Trichlorobenzene	7.90	180	1122065	44.329	ng	99
31) Naphthalene	7.97	128	3207027	47.065	ng	100
32) Benzoic acid	7.76	122	828798	54.270	ng	97
33) 4-Chloroaniline	8.02	127	771471	23.733	ng	98
34) Hexachlorobutadiene	8.10	225	608977	42.317	ng	99
35) Caprolactam	8.40	113	197427	27.396	ng	93
36) 4-Chloro-3-methylphenol	8.51	107	1043351	47.530	ng	98
37) 2-Methylnaphthalene	8.66	142	2238275	47.358	ng	100
38) 1-Methylnaphthalene	8.76	142	2117638	47.246	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	924807	42.727	ng	99

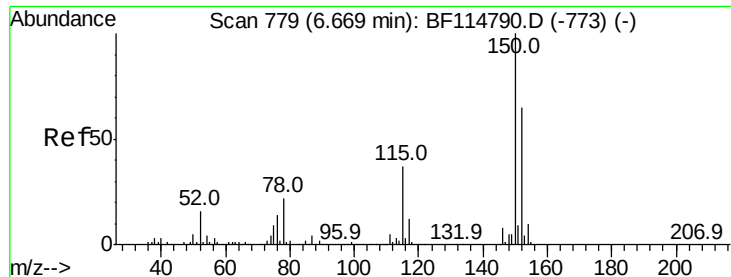
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
 Data File : BF114866.D
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 QLast Update : Tue Jun 04 16:57:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.83	237	1148073	87.457	ng	100
43) 2,4,6-Trichlorophenol	8.95	196	764712	45.436	ng	99
44) 2,4,5-Trichlorophenol	8.99	196	765582	45.167	ng	99
46) 1,1'-Biphenyl	9.13	154	2570884	46.185	ng	98
47) 2-Chloronaphthalene	9.15	162	2056991	43.488	ng	99
48) 2-Nitroaniline	9.25	65	608272	43.093	ng	97
49) Acenaphthylene	9.56	152	3113796	45.395	ng	100
50) Dimethylphthalate	9.43	163	2437222	44.430	ng	99
51) 2,6-Dinitrotoluene	9.49	165	585614	45.394	ng	94
52) Acenaphthene	9.73	154	1907453	42.451	ng	99
53) 3-Nitroaniline	9.65	138	453255	30.076	ng	96
54) 2,4-Dinitrophenol	9.76	184	574130	98.349	ng	99
55) Dibenzofuran	9.91	168	2721073	43.550	ng	98
56) 4-Nitrophenol	9.83	139	985362	89.229	ng	94
57) 2,4-Dinitrotoluene	9.89	165	743315	45.834	ng	91
58) Fluorene	10.25	166	1895323	47.929	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.03	232	635066	45.731	ng	99
60) Diethylphthalate	10.13	149	2398119	43.567	ng	100
61) 4-Chlorophenyl-phenylether	10.24	204	969411	40.509	ng	100
62) 4-Nitroaniline	10.27	138	625594	42.798	ng	98
63) Azobenzene	10.40	77	2133817	45.541	ng	98
65) 4,6-Dinitro-2-methylphenol	10.30	198	341222	47.238	ng	93
66) n-Nitrosodiphenylamine	10.36	169	1933316	45.979	ng	100
67) 4-Bromophenyl-phenylether	10.73	248	680965	43.117	ng	98
68) Hexachlorobenzene	10.80	284	727348	42.080	ng	99
69) Atrazine	10.89	200	641947	43.897	ng	99
70) Pentachlorophenol	10.99	266	829264	82.991	ng	99
71) Phenanthrene	11.20	178	2924505	44.054	ng	99
72) Anthracene	11.25	178	3030048	43.371	ng	100
73) Carbazole	11.40	167	2701830	45.113	ng	100
74) Di-n-butylphthalate	11.74	149	3386830	42.996	ng	100
75) Fluoranthene	12.38	202	2882970	41.726	ng	98
77) Benzidine	12.50	184	1461272	39.960	ng	96
78) Pyrene	12.60	202	2924558	45.639	ng	100
80) Butylbenzylphthalate	13.23	149	1529101	47.254	ng	98
81) Benzo(a)anthracene	13.79	228	2447600	42.999	ng	100
82) 3,3'-Dichlorobenzidine	13.75	252	771778	33.437	ng	99
83) Chrysene	13.83	228	2425481	43.802	ng	99
84) Bis(2-ethylhexyl)phthalate	13.80	149	1851118	45.240	ng	100
85) Di-n-octyl phthalate	14.40	149	3187269	45.842	ng	99
86) Indeno(1,2,3-cd)pyrene	16.49	276	2426426	38.404	ng	99
88) Benzo(b)fluoranthene	14.79	252	2505509	48.201	ng	99
89) Benzo(k)fluoranthene	14.82	252	2006761	45.460	ng	98
90) Benzo(a)pyrene	15.13	252	2140304	47.571	ng	100
91) Dibenzo(a,h)anthracene	16.51	278	2008537	47.140	ng	99
92) Benzo(g,h,i)perylene	16.89	276	2069260	48.294	ng	98

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

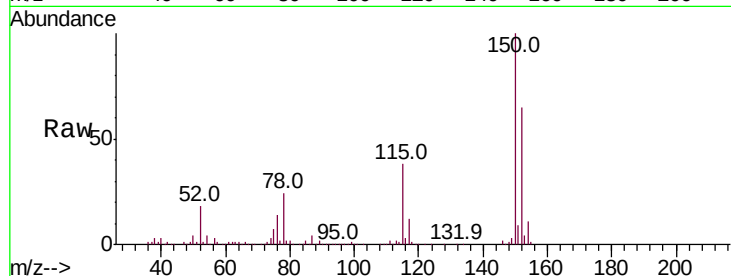


#1

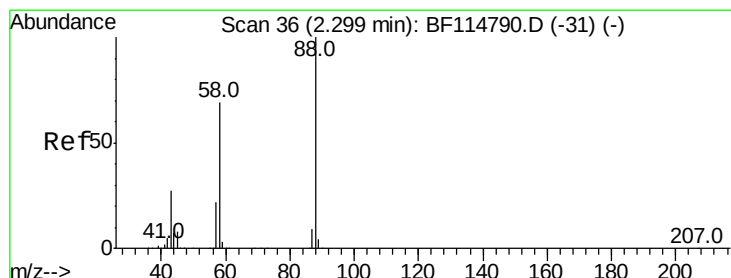
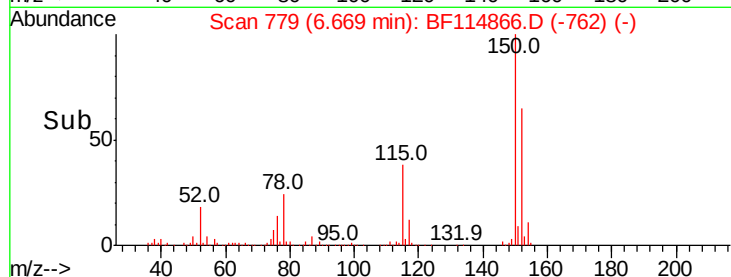
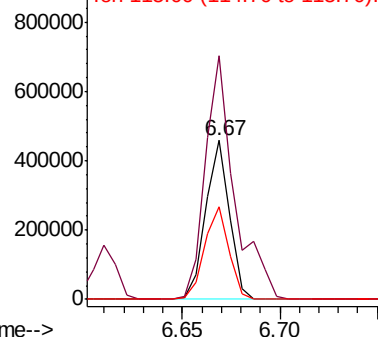
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF114866.D
Acq: 6 Jun 2019 16:55

Instrument :
BNA_F
ClientSampleId :
PB120321BS

Tot Ion:152 Resp: 385934
Ion Ratio Lower Upper
152 100
150 153.4 124.0 186.0
115 58.2 46.3 69.5



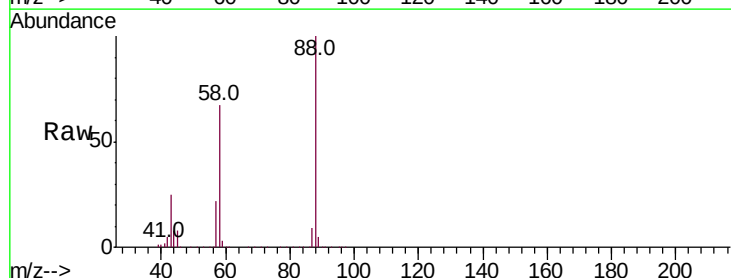
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



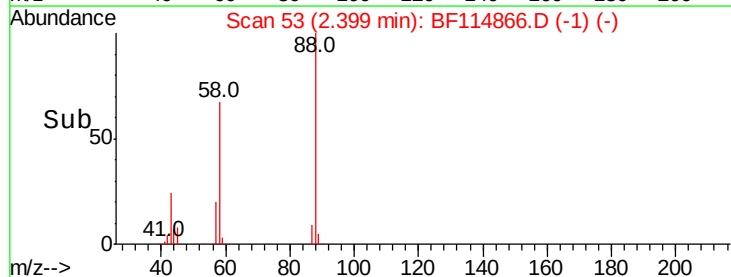
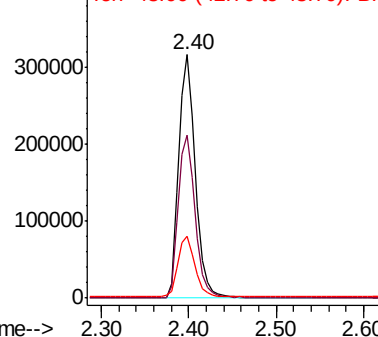
#2

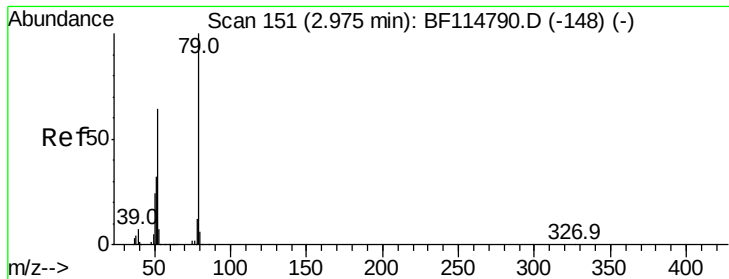
1,4-Dioxane
Concen: 39.841 ng
RT: 2.40 min Scan# 53
Delta R.T. 0.10 min
Lab File: BF114866.D
Acq: 6 Jun 2019 16:55

Tgt Ion: 88 Resp: 420131
Ion Ratio Lower Upper
88 100
58 67.9 53.8 80.8
43 25.8 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





#3

Pvridine

Concen: 40.475 ng

RT: 3.07 min Scan# 168

Delta R.T. 0.10 min

Lab File: BF114866.D

Acq: 6 Jun 2019 16:55

Instrument :

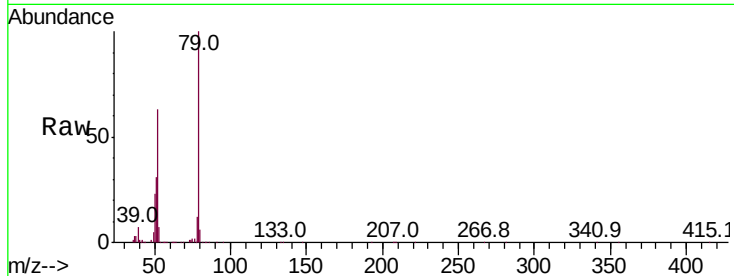
BNA_F

ClientSampleId :

PB120321BS

Tot Ion: 79 Resp: 1172994

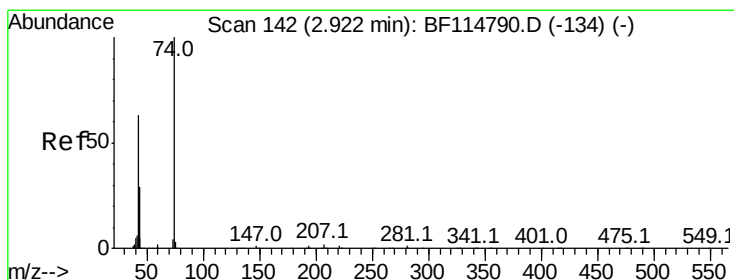
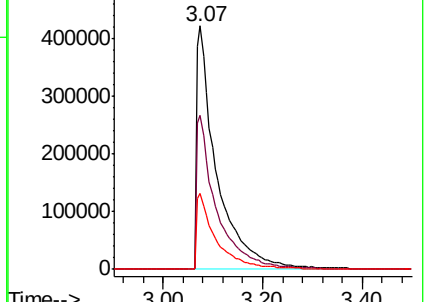
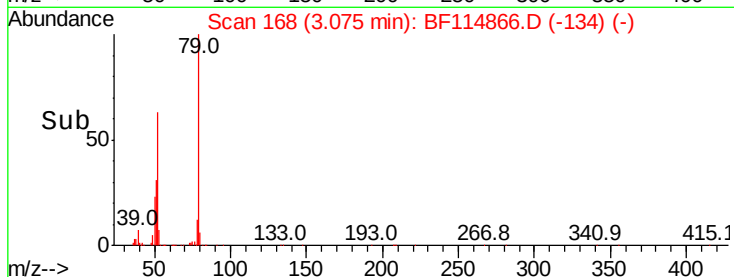
Ion	Ratio	Lower	Upper
79	100		
52	63.3	51.0	76.4
51	31.0	25.7	38.5



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 43.004 ng

RT: 3.02 min Scan# 158

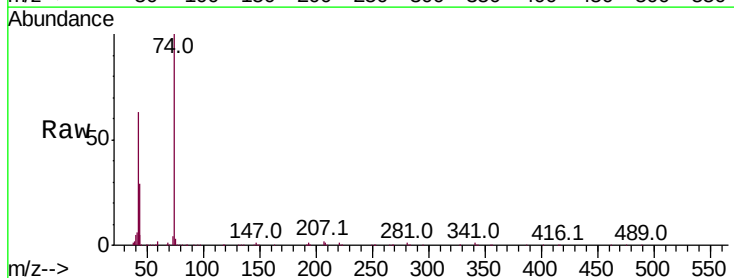
Delta R.T. 0.09 min

Lab File: BF114866.D

Acq: 6 Jun 2019 16:55

Tgt Ion: 42 Resp: 456132

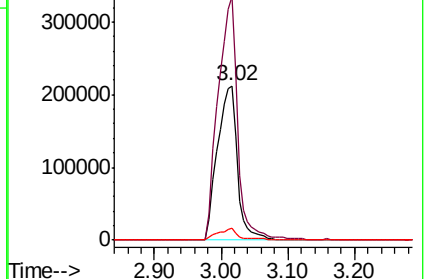
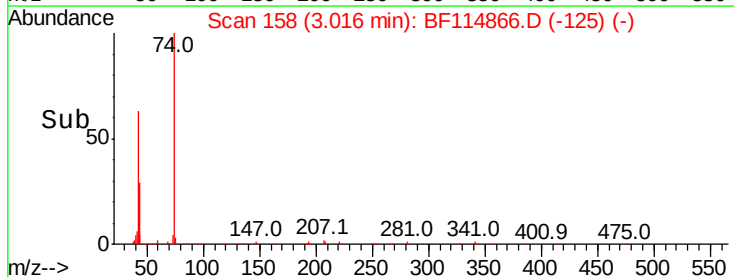
Ion	Ratio	Lower	Upper
42	100		
74	157.7	126.2	189.2
44	7.5	5.9	8.9

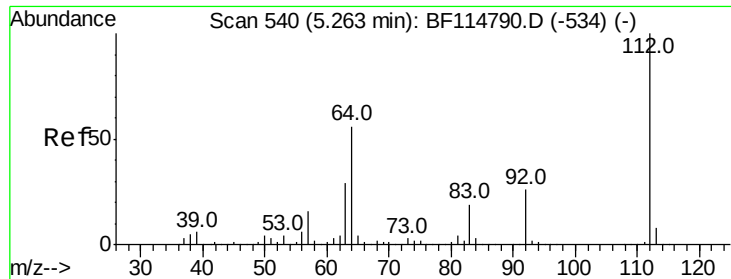


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 111.974 ng

RT: 5.29 min Scan# 544

Delta R.T. 0.02 min

Lab File: BF114866.D

Acq: 6 Jun 2019 16:55

Instrument :

BNA_F

ClientSampleId :

PB120321BS

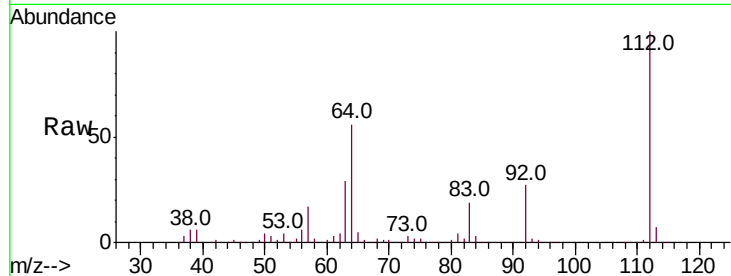
Tot Ion:112 Resp: 2473153

Ion Ratio Lower Upper

112 100

64 56.2 44.6 66.8

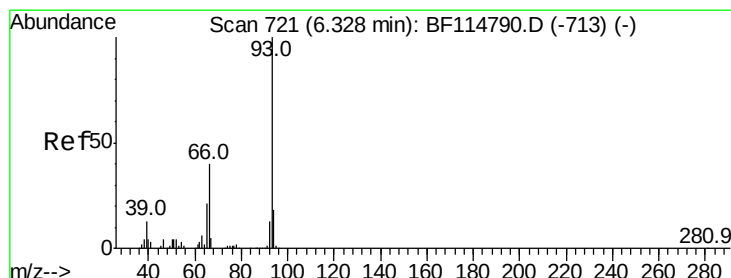
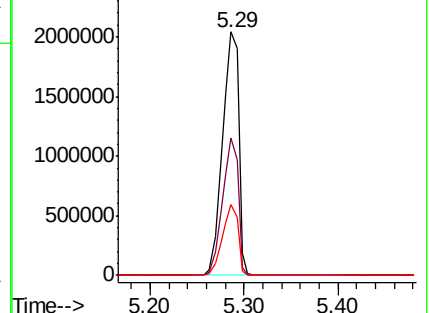
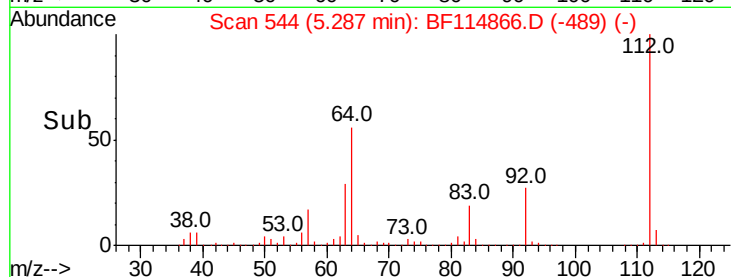
63 28.9 23.0 34.4



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 29.021 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF114866.D

Acq: 6 Jun 2019 16:55

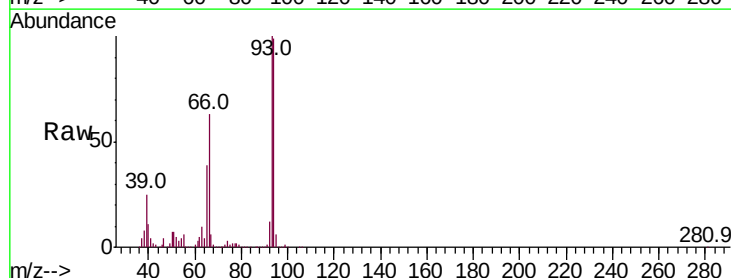
Tgt Ion: 93 Resp: 1106713

Ion Ratio Lower Upper

93 100

66 63.0 32.8 49.2#

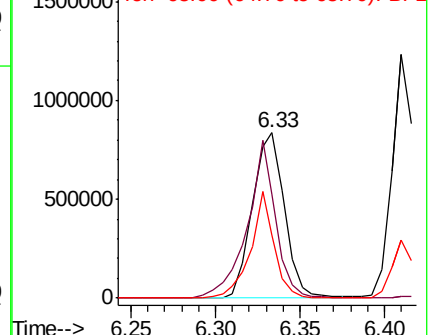
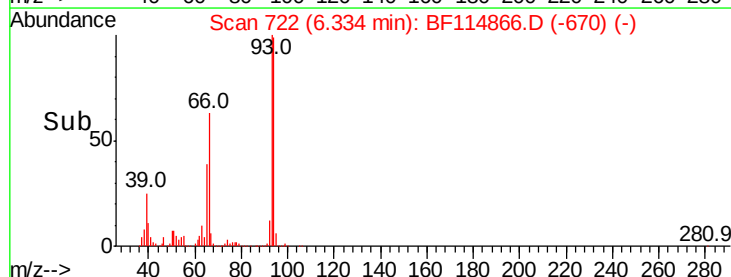
65 38.5 16.9 25.3#

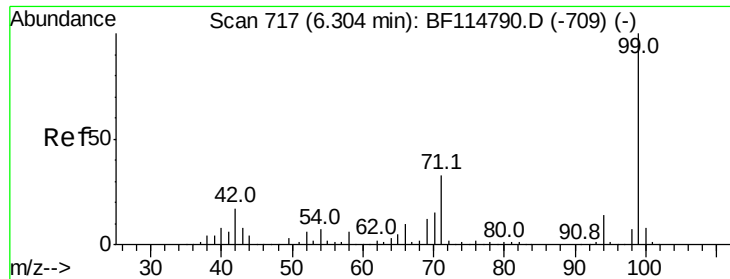


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 112.206 ng

RT: 6.32 min Scan# 719

Delta R.T. 0.01 min

Lab File: BF114866.D

Acq: 6 Jun 2019 16:55

Instrument :

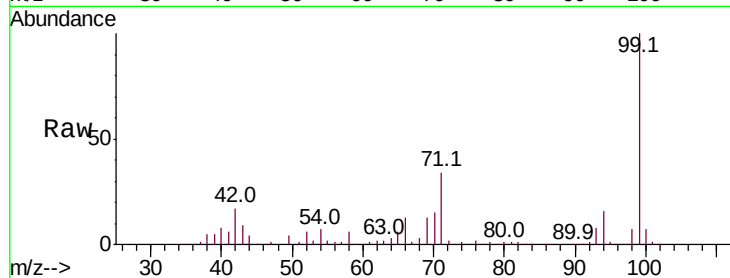
BNA_F

ClientSampleId :

PB120321BS

Tot Ion: 99 Resp: 3015559

Ion	Ratio	Lower	Upper
99	100		
42	17.2	13.3	19.9
71	33.9	26.3	39.5

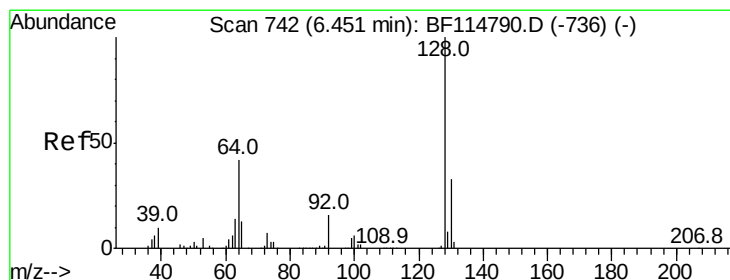
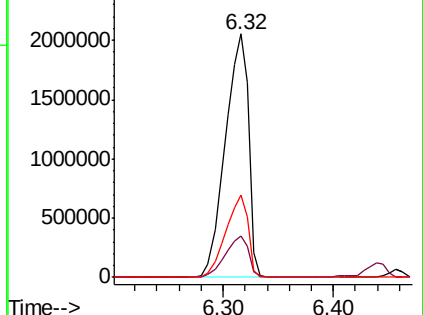
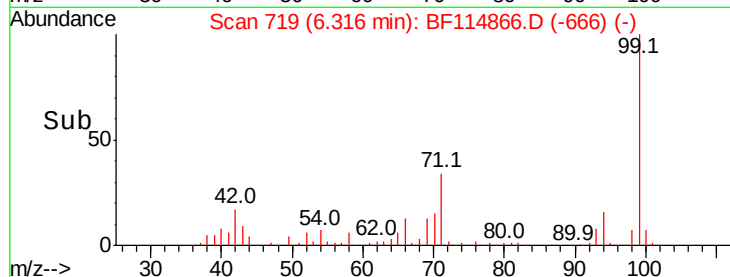


Abundance

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: 45.201 ng

RT: 6.46 min Scan# 743

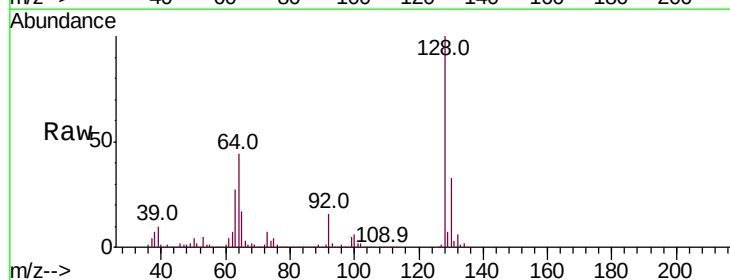
Delta R.T. 0.01 min

Lab File: BF114866.D

Acq: 6 Jun 2019 16:55

Tgt Ion:128 Resp: 1153498

Ion	Ratio	Lower	Upper
128	100		
130	33.4	12.7	52.7
64	43.7	22.5	62.5

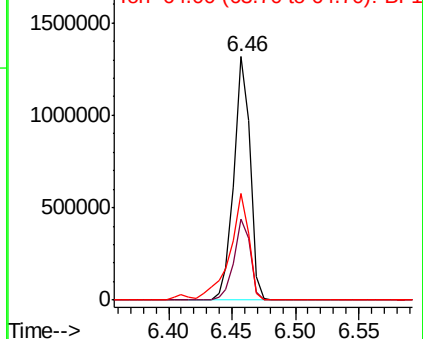
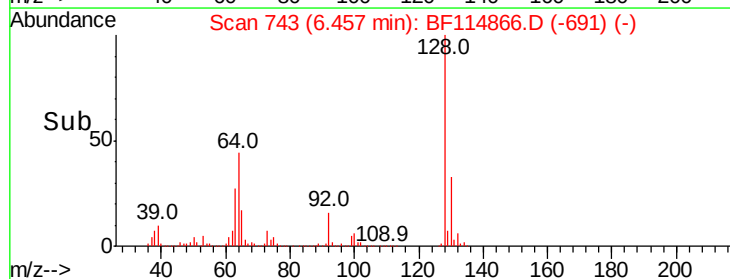


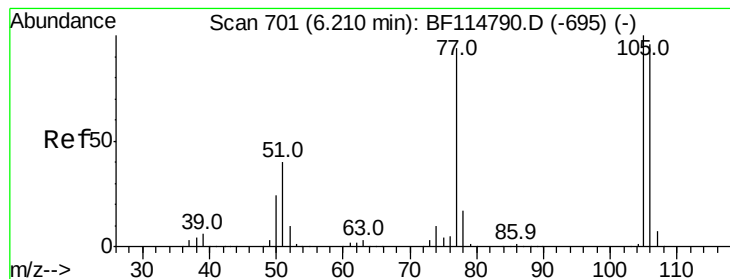
Abundance

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: 17.177 ng

RT: 6.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BF114866.D

Acq: 6 Jun 2019 16:55

Instrument :

BNA_F

ClientSampleID :

PB120321BS

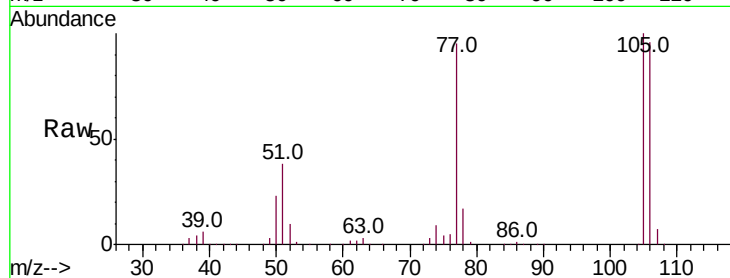
Tot Ion: 77 Resp: 320215

Ion Ratio Lower Upper

77 100

105 105.5 85.8 125.8

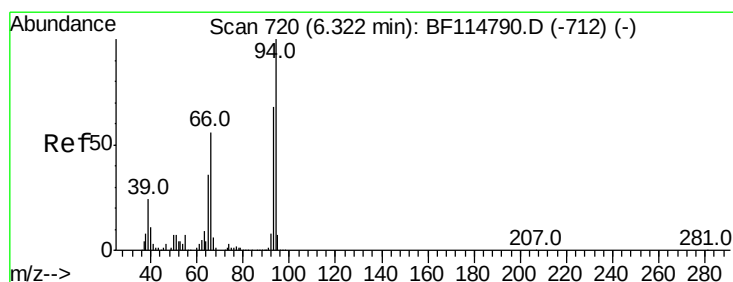
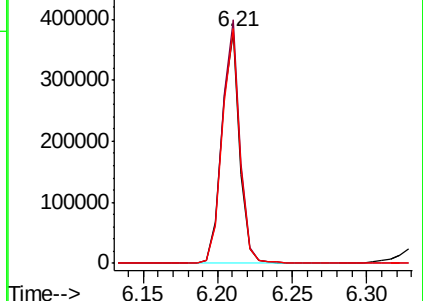
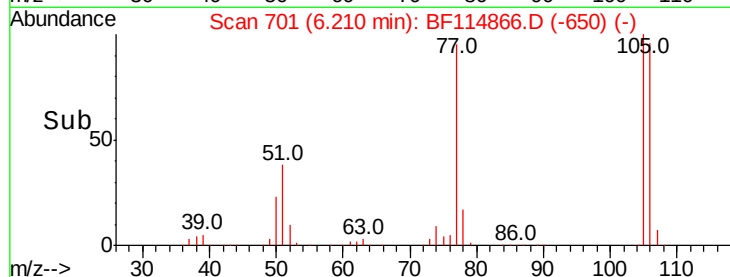
106 101.7 81.6 121.6



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 41.332 ng

RT: 6.33 min Scan# 721

Delta R.T. 0.01 min

Lab File: BF114866.D

Acq: 6 Jun 2019 16:55

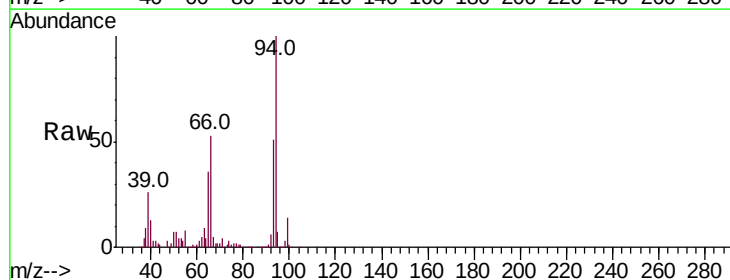
Tgt Ion: 94 Resp: 1270271

Ion Ratio Lower Upper

94 100

65 35.6 16.1 56.1

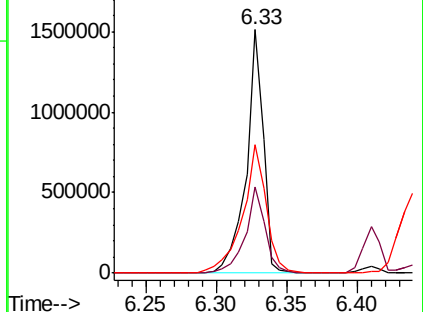
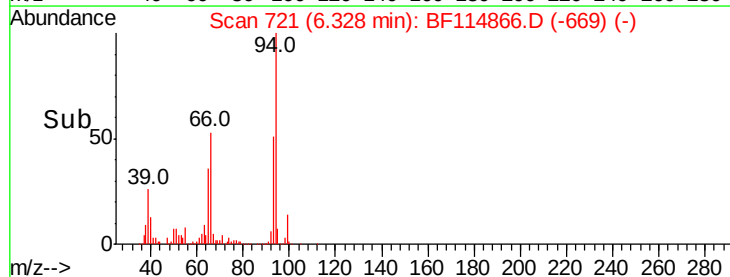
66 53.0 36.3 76.3

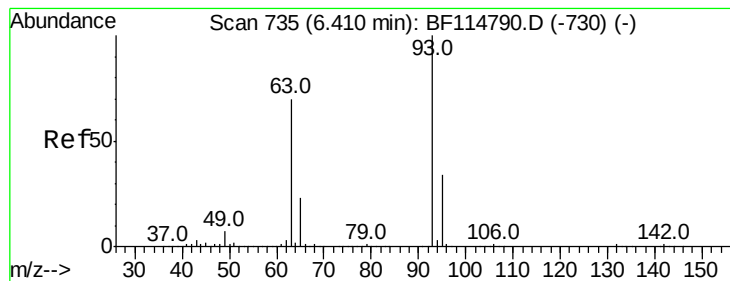


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



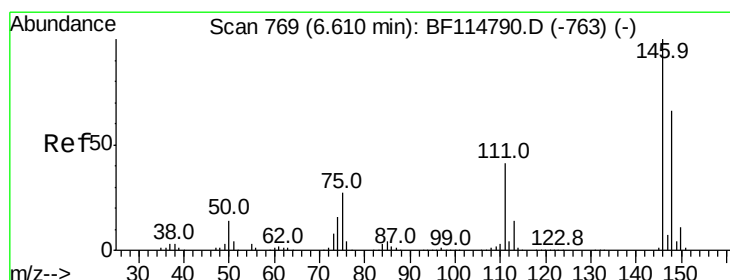
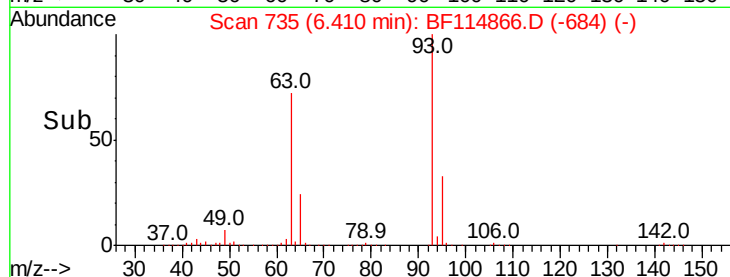
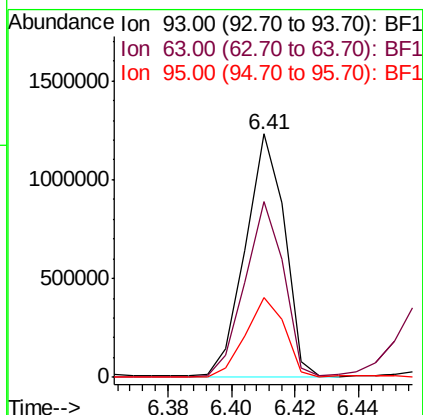
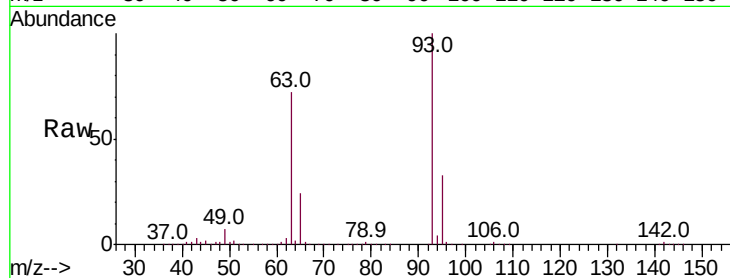


#11
bis(2-Chloroethyl)ether
Concen: 43.784 ng
RT: 6.41 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF114866.D
Acq: 6 Jun 2019 16:55

Instrument :
BNA_F
ClientSampleId :
PB120321BS

Tot Ion: 93 Resp: 1050195

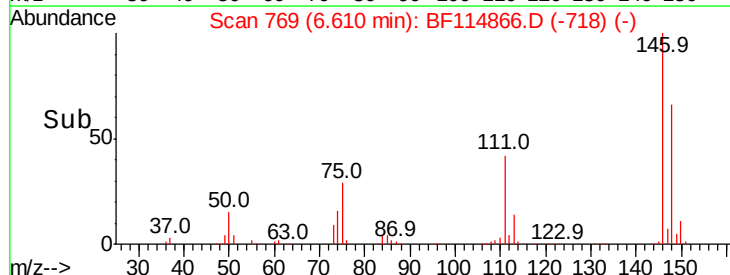
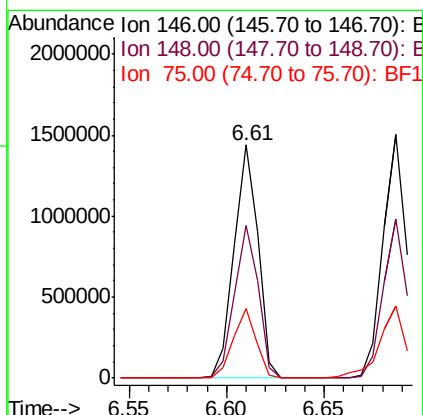
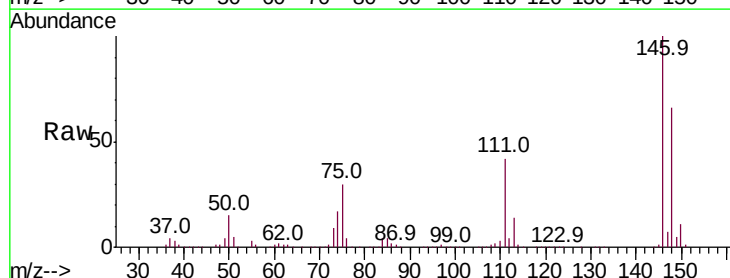
Ion	Ratio	Lower	Upper
93	100		
63	72.4	49.6	89.6
95	33.0	13.6	53.6

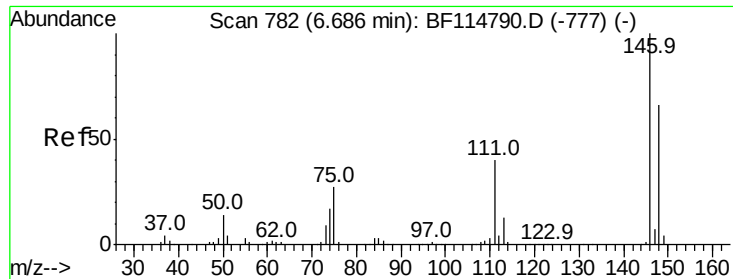


#12
1,3-Dichlorobenzene
Concen: 41.284 ng
RT: 6.61 min Scan# 769
Delta R.T. 0.00 min
Lab File: BF114866.D
Acq: 6 Jun 2019 16:55

Tgt Ion: 146 Resp: 1227646

Ion	Ratio	Lower	Upper
146	100		
148	65.7	52.7	79.1
75	29.6	22.0	33.0

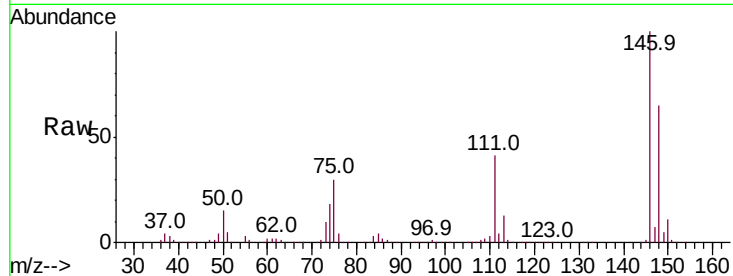




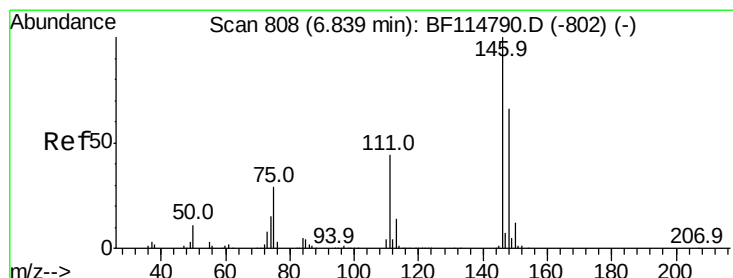
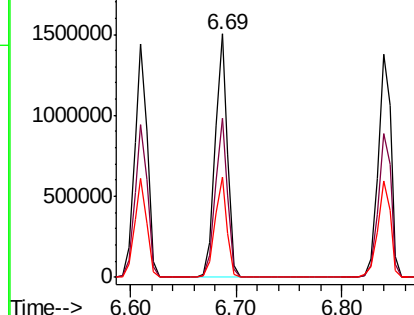
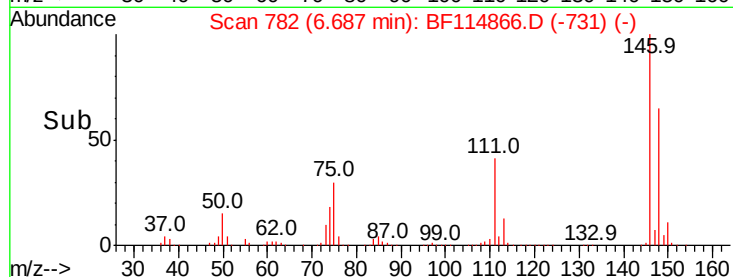
#13
 1,4-Dichlorobenzene
 Concen: 41.593 ng
 RT: 6.69 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: BF114866.D
 Acq: 6 Jun 2019 16:55

Instrument :
 BNA_F
 ClientSampleId :
 PB120321BS

Tot Ion:146 Resp: 1244509
 Ion Ratio Lower Upper
 146 100
 148 65.1 53.0 79.4
 111 41.2 32.2 48.4

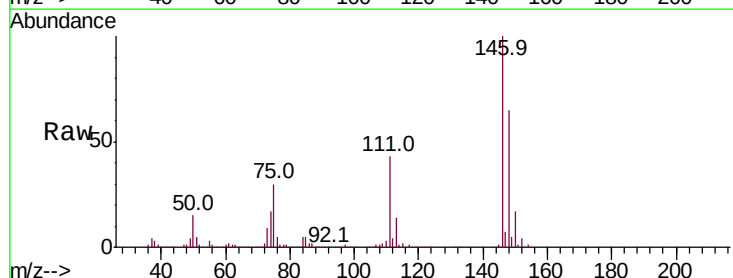


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

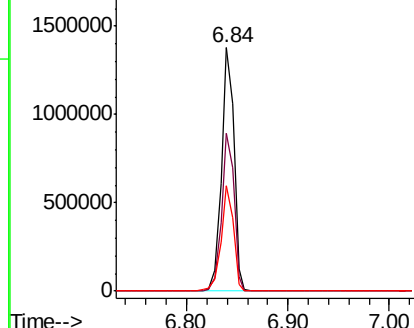
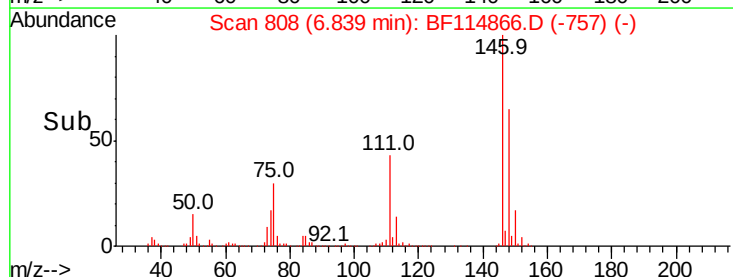


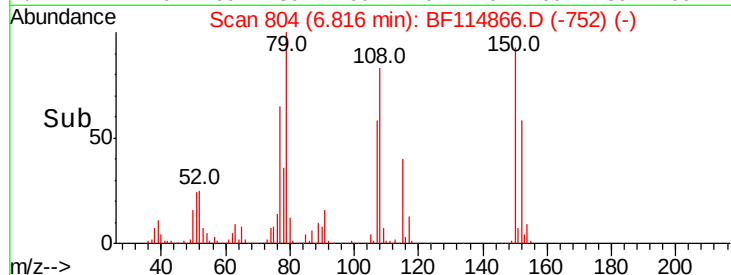
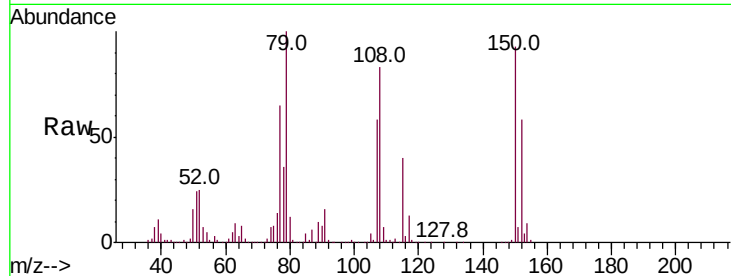
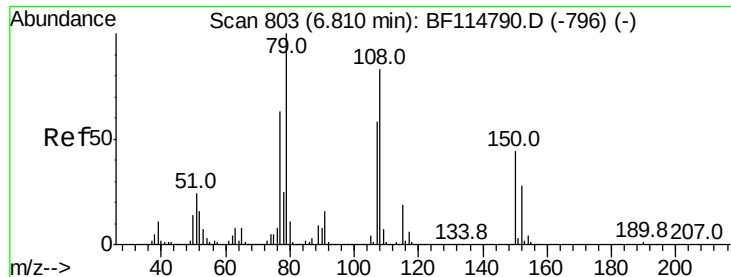
#14
 1,2-Dichlorobenzene
 Concen: 43.359 ng
 RT: 6.84 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF114866.D
 Acq: 6 Jun 2019 16:55

Tgt Ion:146 Resp: 1171688
 Ion Ratio Lower Upper
 146 100
 148 64.6 52.5 78.7
 111 43.4 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

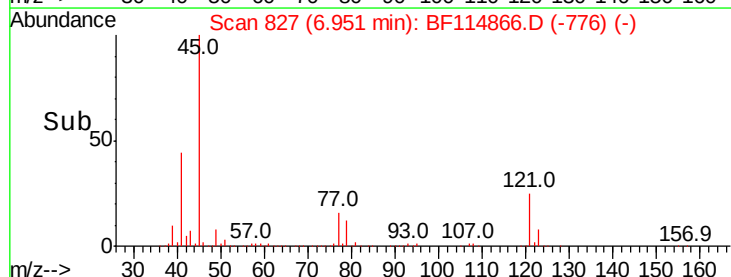
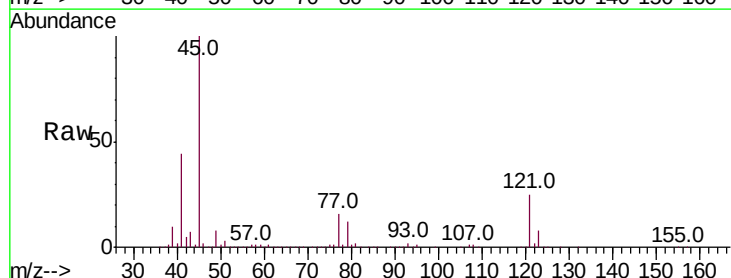
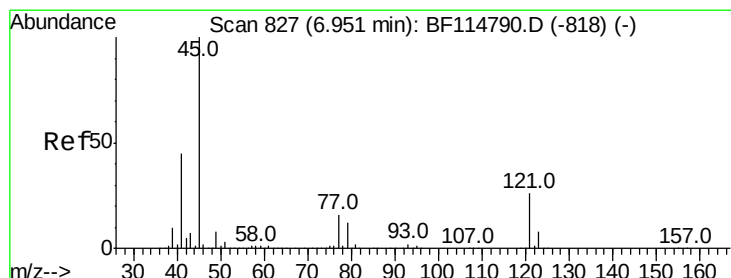
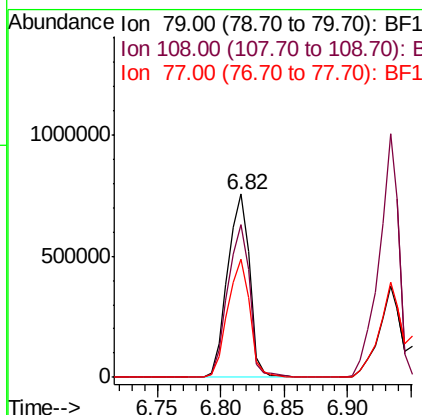




#15
Benzyl Alcohol
Concen: 44.876 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.01 min
Lab File: BF114866.D
Acq: 6 Jun 2019 16:55

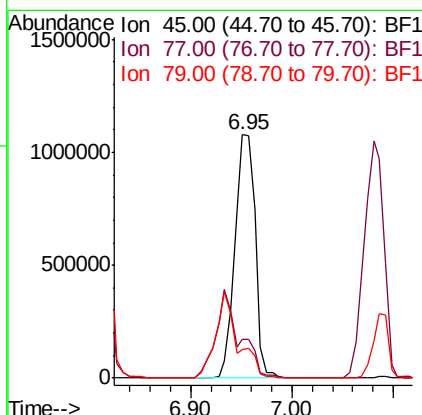
Instrument :
BNA_F
ClientSampleId :
PB120321BS

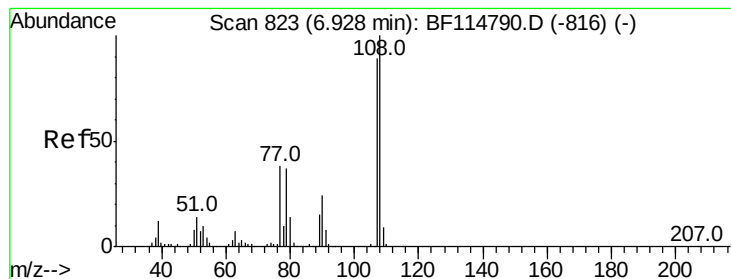
Tot Ion: 79 Resp: 912038
Ion Ratio Lower Upper
79 100
108 83.1 66.8 100.2
77 64.8 50.6 76.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.547 ng
RT: 6.95 min Scan# 827
Delta R.T. 0.00 min
Lab File: BF114866.D
Acq: 6 Jun 2019 16:55

Tgt Ion: 45 Resp: 1493850
Ion Ratio Lower Upper
45 100
77 15.7 0.0 35.8
79 11.9 0.0 32.0

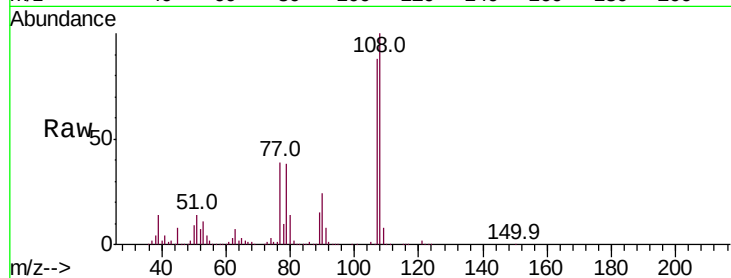




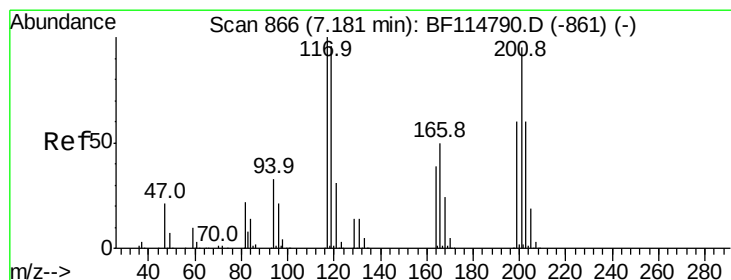
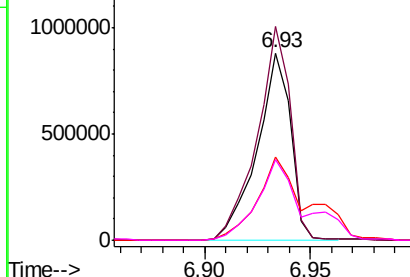
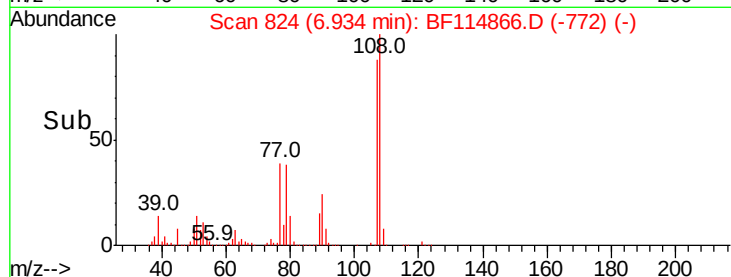
#17
2-Methylphenol
Concen: 44.483 ng
RT: 6.93 min Scan# 824
Delta R.T. 0.01 min
Lab File: BF114866.D
Acq: 6 Jun 2019 16:55

Instrument :
BNA_F
ClientSampleId :
PB120321BS

Tot Ion:107 Resp: 970308
Ion Ratio Lower Upper
107 100
108 114.2 90.2 135.2
77 44.6 34.5 51.7
79 43.1 33.8 50.6

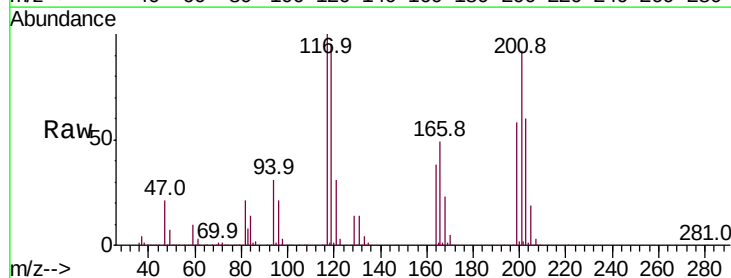


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

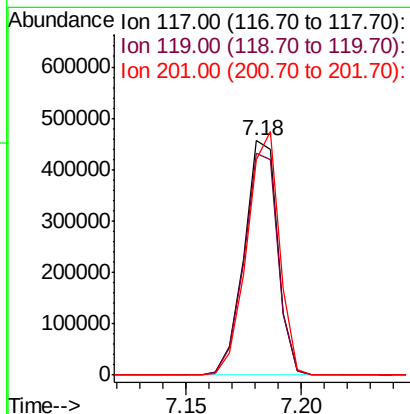
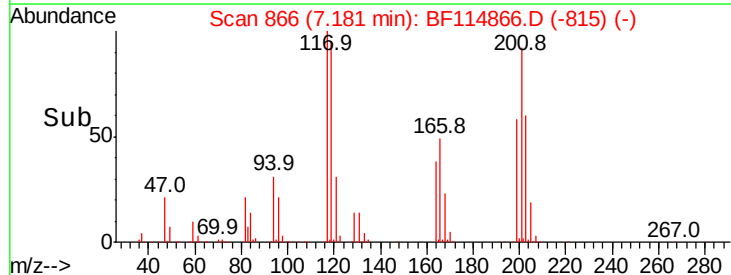


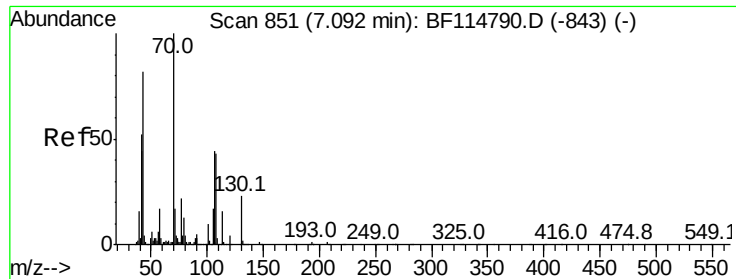
#18
Hexachloroethane
Concen: 41.016 ng
RT: 7.18 min Scan# 866
Delta R.T. 0.00 min
Lab File: BF114866.D
Acq: 6 Jun 2019 16:55

Tgt Ion:117 Resp: 461923
Ion Ratio Lower Upper
117 100
119 94.9 77.0 115.4
201 92.2 76.0 114.0



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

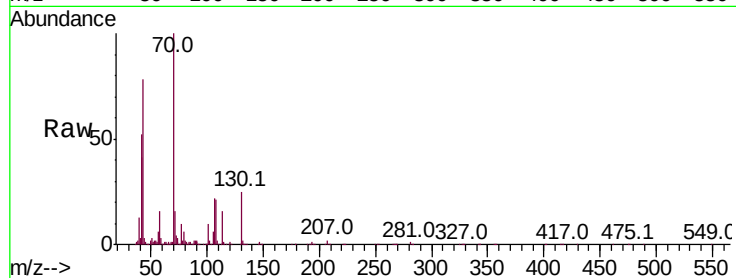




#19
n-Nitroso-di-n-propylamine
Concen: 42.870 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.01 min
Lab File: BF114866.D
Acq: 6 Jun 2019 16:55

Instrument :
BNA_F
ClientSampleId :
PB120321BS

Tot Ion:	70	Resp:	762675
Ion	Ratio	Lower	Upper
70	100		
42	51.8	41.8	62.8
101	10.3	8.2	12.4
130	25.1	18.5	27.7



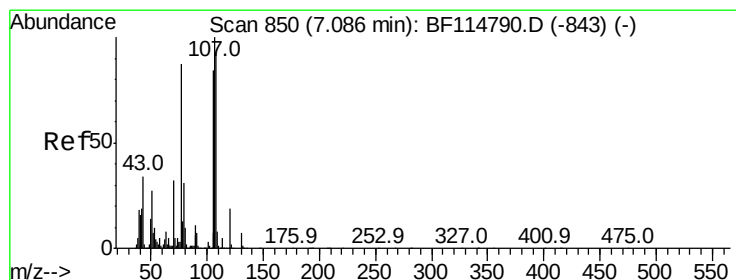
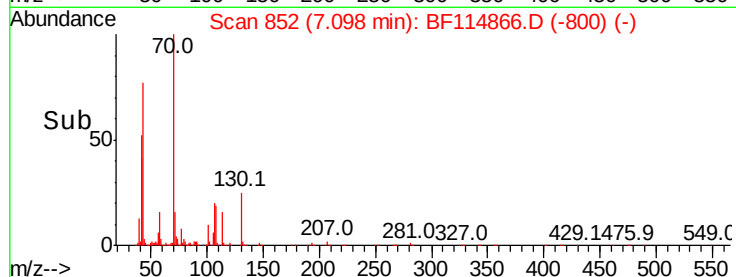
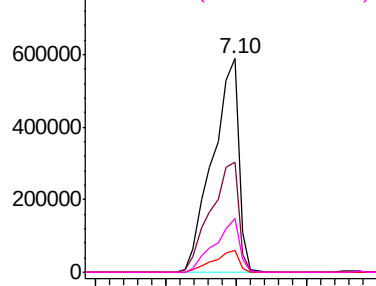
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

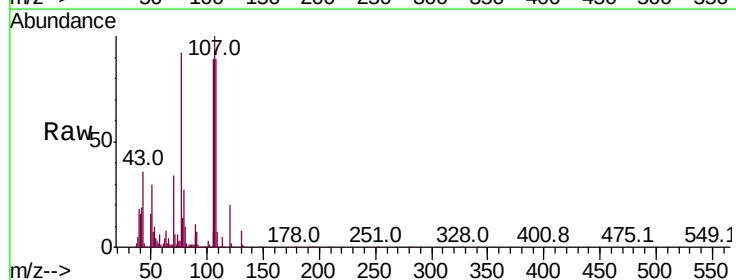
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 45.300 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF114866.D
Acq: 6 Jun 2019 16:55

Tgt Ion:	107	Resp:	1089885
Ion	Ratio	Lower	Upper
107	100		
108	88.9	73.5	113.5
77	92.3	67.2	107.2
79	27.3	10.6	50.6



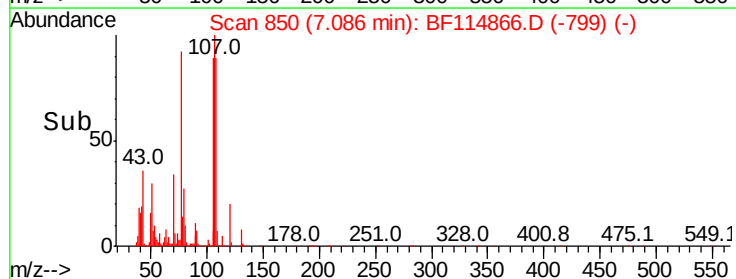
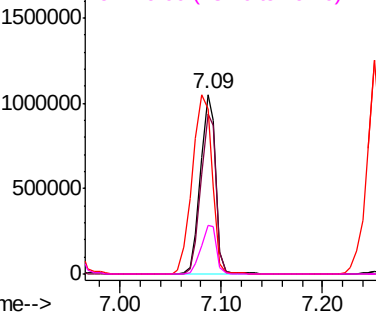
Abundance

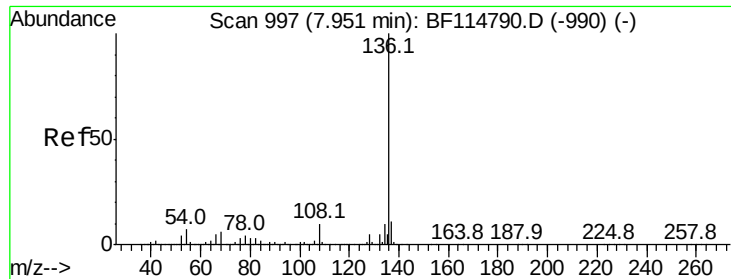
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

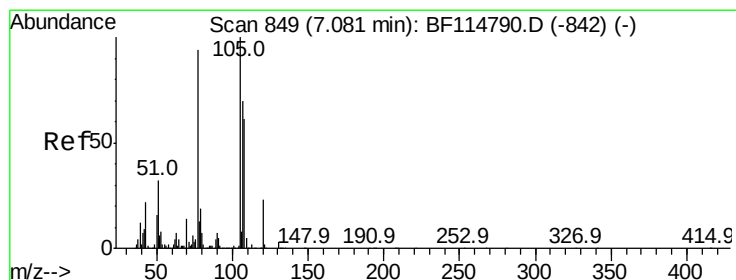
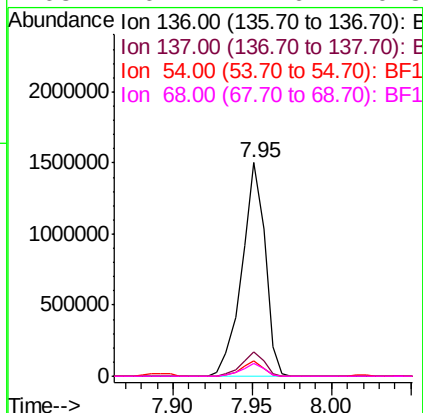
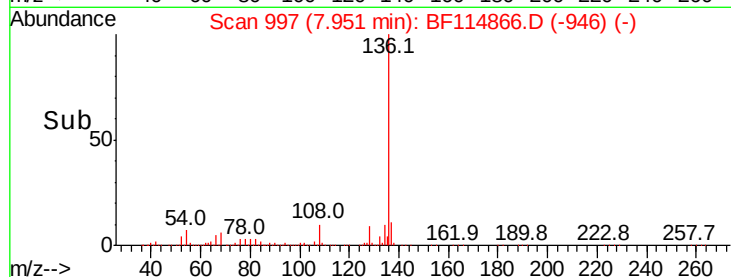
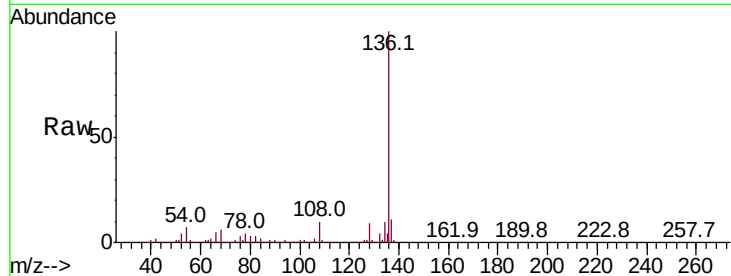




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF114866.D
Acq: 6 Jun 2019 16:55

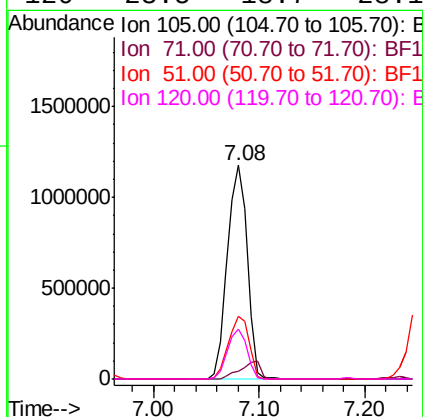
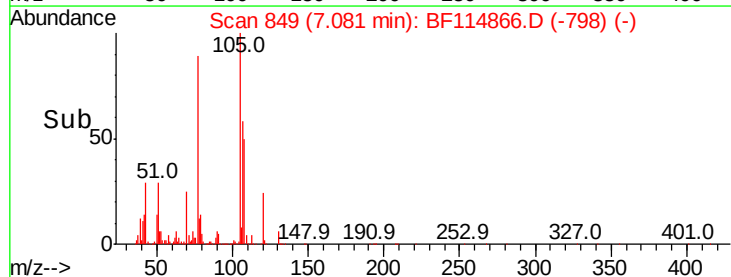
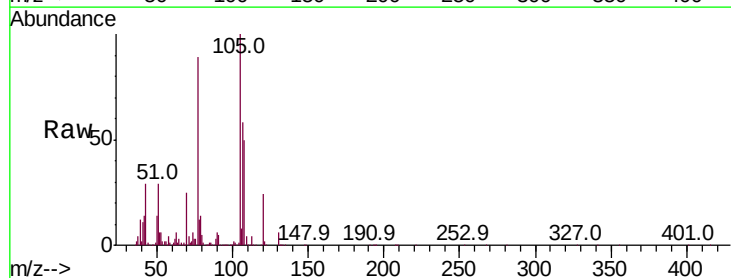
Instrument :
BNA_F
ClientSampleId :
PB120321BS

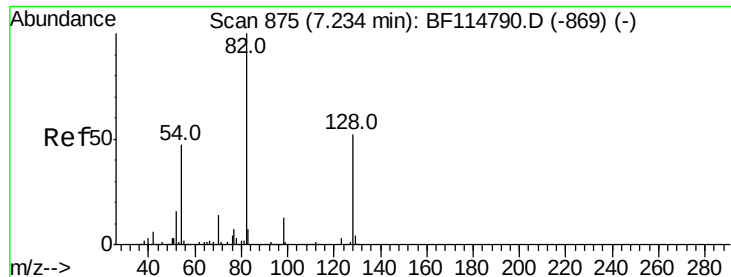
Tot Ion:	136	Resp:	1513548
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	7.0	5.4	8.0
68	6.1	4.6	6.8



#22
Acetophenone
Concen: 45.810 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF114866.D
Acq: 6 Jun 2019 16:55

Tgt Ion:	105	Resp:	1526536
Ion	Ratio	Lower	Upper
105	100		
71	3.9	2.0	3.0#
51	29.3	25.4	38.0
120	23.5	18.7	28.1

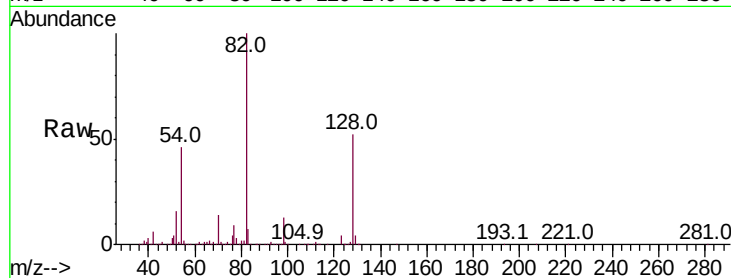




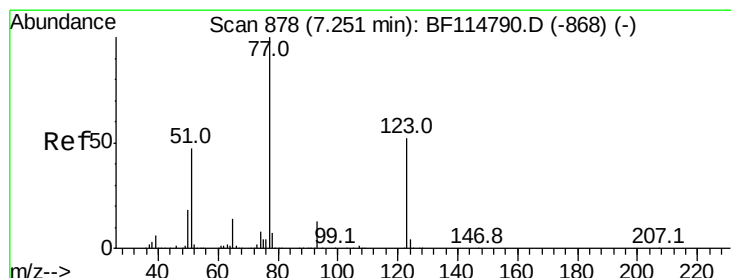
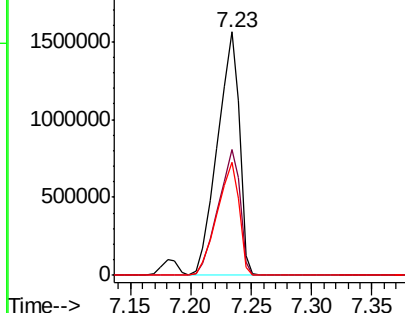
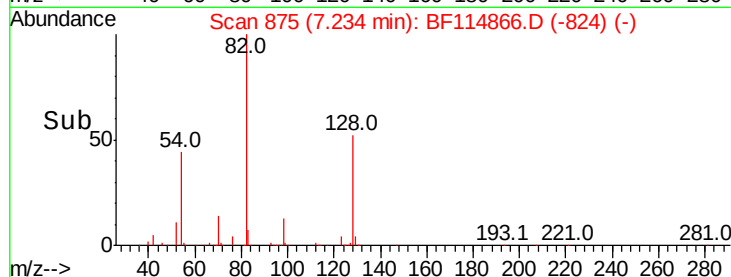
#23
 Nitrobenzene-d5
 Concen: 79.489 ng
 RT: 7.23 min Scan# 875
 Delta R.T. 0.00 min
 Lab File: BF114866.D
 Acq: 6 Jun 2019 16:55

Instrument :
 BNA_F
 ClientSampleId :
 PB120321BS

Tot Ion: 82 Resp: 1954409
 Ion Ratio Lower Upper
 82 100
 128 51.6 41.8 62.6
 54 46.2 37.9 56.9

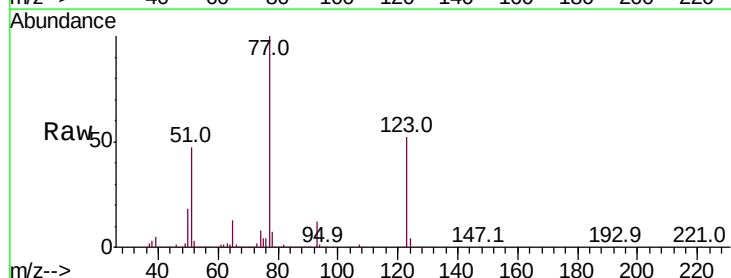


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

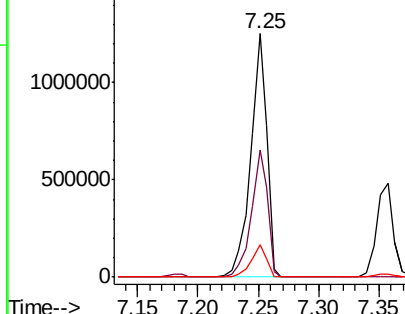
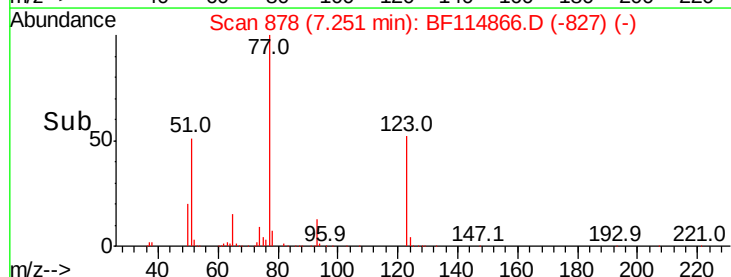


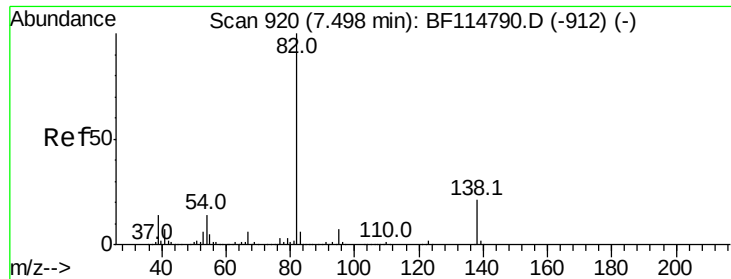
#24
 Nitrobenzene
 Concen: 45.773 ng
 RT: 7.25 min Scan# 878
 Delta R.T. 0.00 min
 Lab File: BF114866.D
 Acq: 6 Jun 2019 16:55

Tgt Ion: 77 Resp: 1165900
 Ion Ratio Lower Upper
 77 100
 123 52.3 41.5 62.3
 65 13.5 10.8 16.2



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





#25

Isophorone

Concen: 45.748 ng

RT: 7.50 min Scan# 920

Delta R.T. 0.00 min

Lab File: BF114866.D

Acq: 6 Jun 2019 16:55

Instrument :

BNA_F

ClientSampleId :

PB120321BS

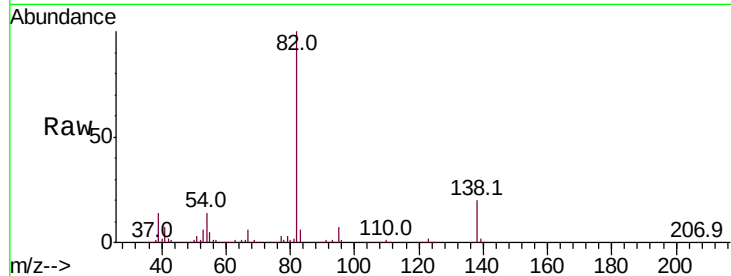
Tot Ion: 82 Resp: 2223688

Ion Ratio Lower Upper

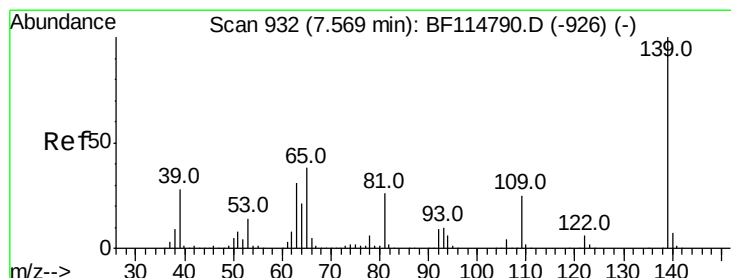
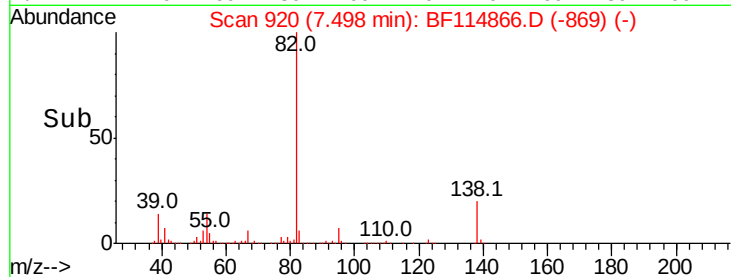
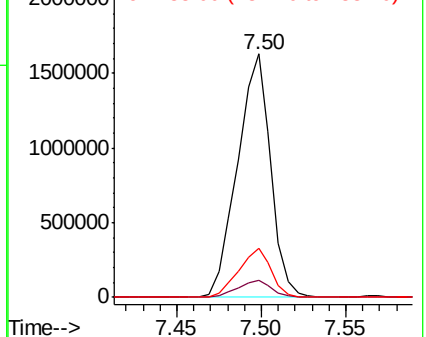
82 100

95 6.9 5.8 8.8

138 20.4 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: 48.590 ng

RT: 7.57 min Scan# 932

Delta R.T. 0.00 min

Lab File: BF114866.D

Acq: 6 Jun 2019 16:55

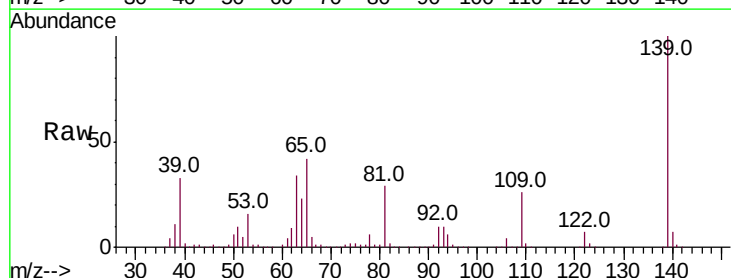
Tgt Ion: 139 Resp: 670334

Ion Ratio Lower Upper

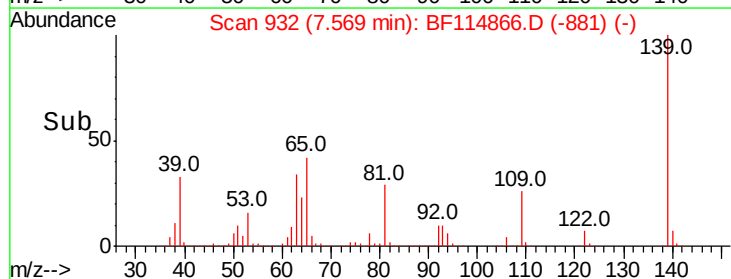
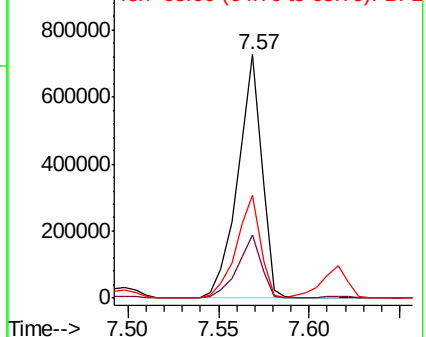
139 100

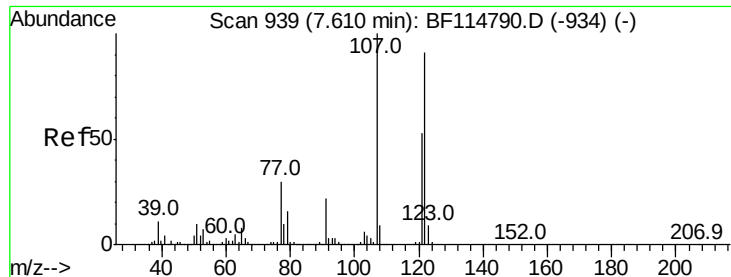
109 25.9 20.4 30.6

65 42.2 30.5 45.7



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





#27

2,4-Dimethylphenol

Concen: 51.263 ng

RT: 7.62 min Scan# 940

Delta R.T. 0.01 min

Lab File: BF114866.D

Acq: 6 Jun 2019 16:55

Instrument :

BNA_F

ClientSampleId :

PB120321BS

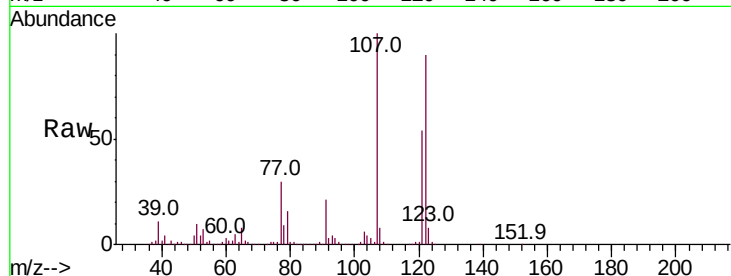
Tot Ion:122 Resp: 1074896

Ion Ratio Lower Upper

122 100

107 111.6 87.9 131.9

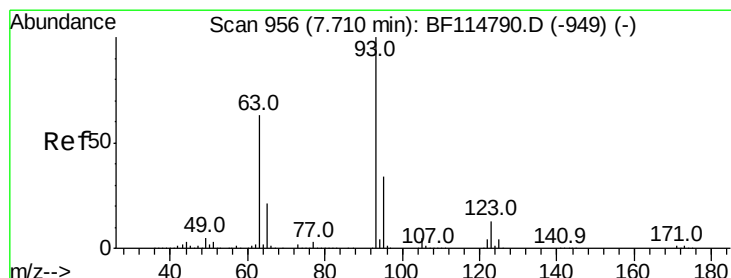
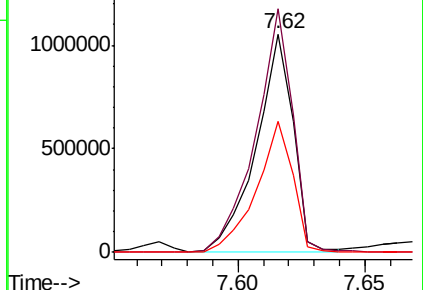
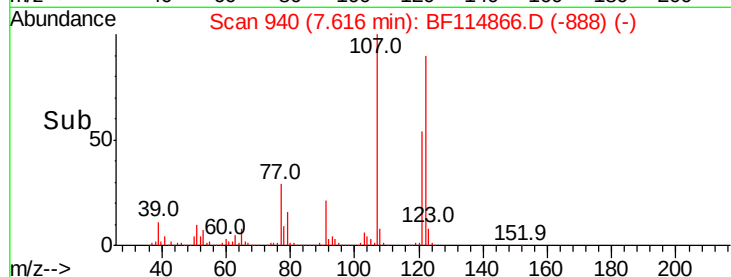
121 59.8 46.4 69.6



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: 45.348 ng

RT: 7.71 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF114866.D

Acq: 6 Jun 2019 16:55

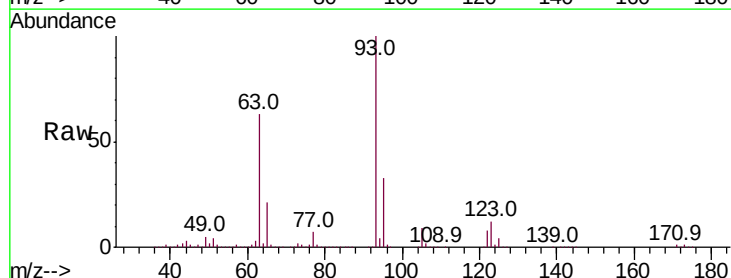
Tgt Ion: 93 Resp: 1409032

Ion Ratio Lower Upper

93 100

95 33.3 26.9 40.3

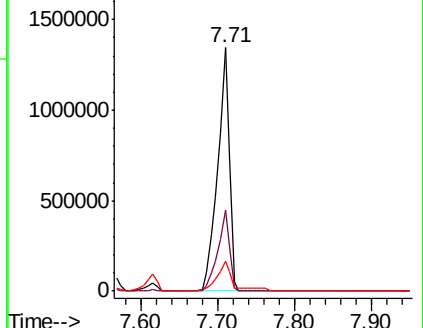
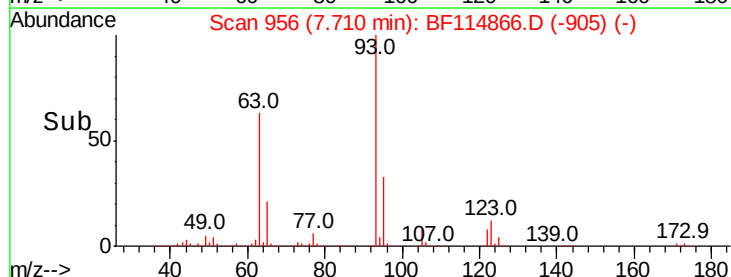
123 12.5 10.4 15.6

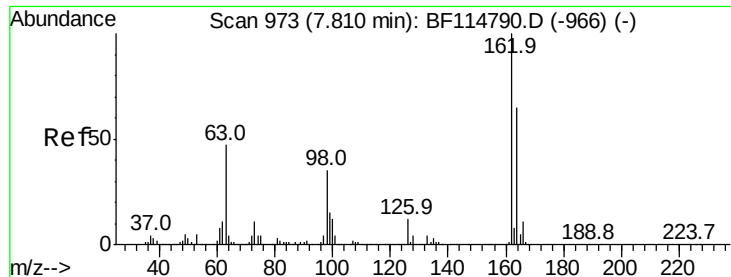


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 47.140 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.01 min

Lab File: BF114866.D

Acq: 6 Jun 2019 16:55

Instrument :

BNA_F

ClientSampleId :

PB120321BS

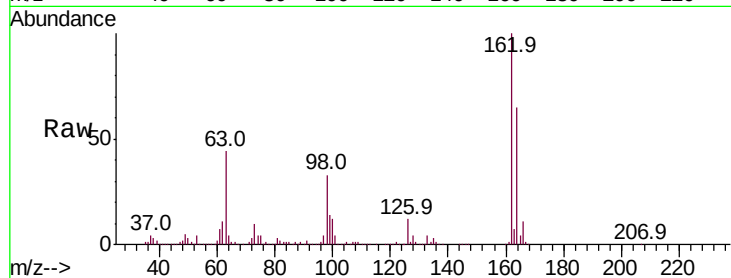
Tot Ion:162 Resp: 1039933

Ion Ratio Lower Upper

162 100

164 65.2 45.1 85.1

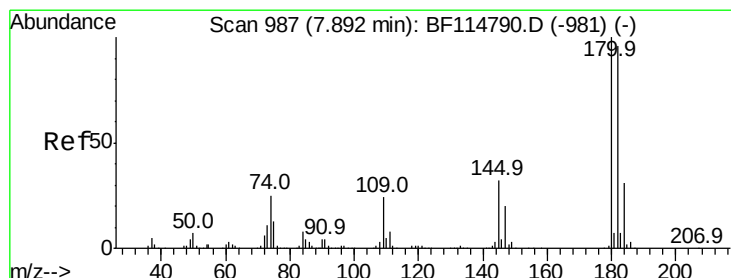
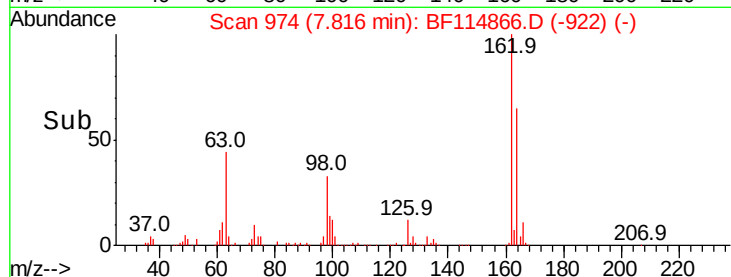
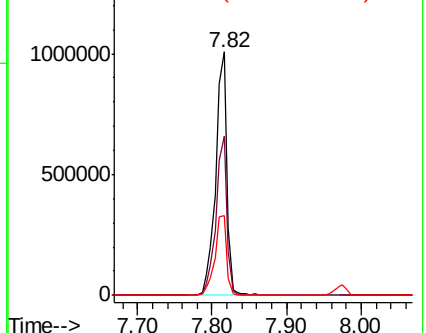
98 33.0 14.6 54.6



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 44.329 ng

RT: 7.90 min Scan# 988

Delta R.T. 0.01 min

Lab File: BF114866.D

Acq: 6 Jun 2019 16:55

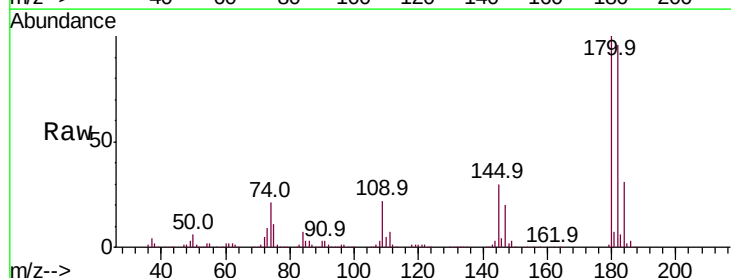
Tgt Ion:180 Resp: 1122065

Ion Ratio Lower Upper

180 100

182 95.6 76.5 114.7

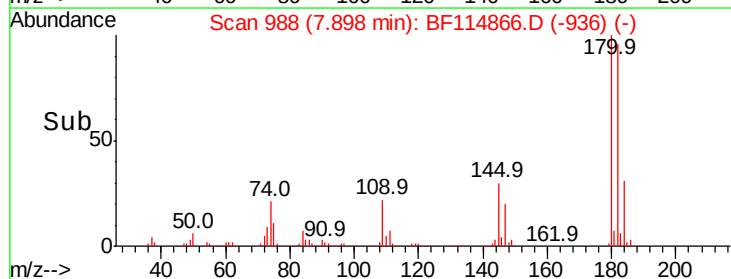
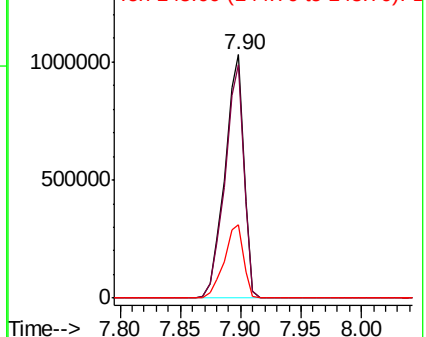
145 30.1 25.8 38.8

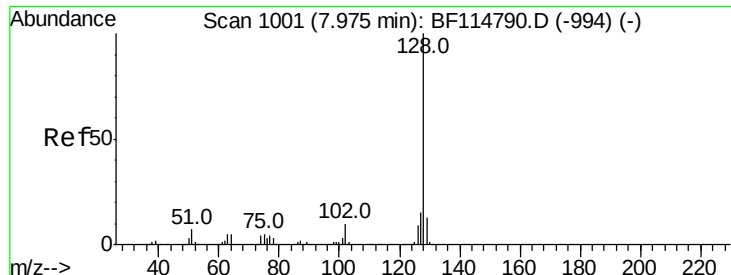


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

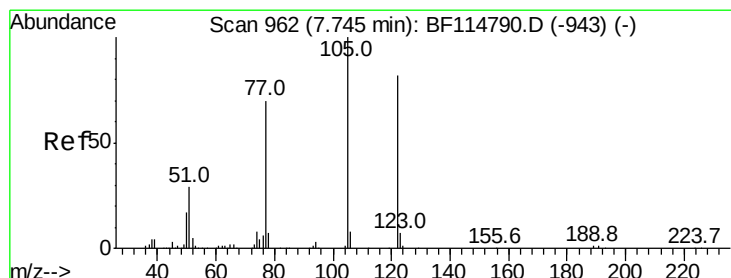
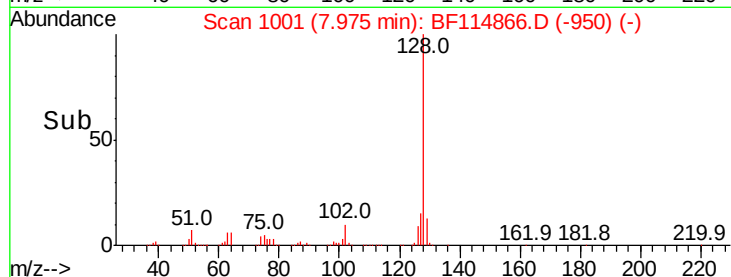
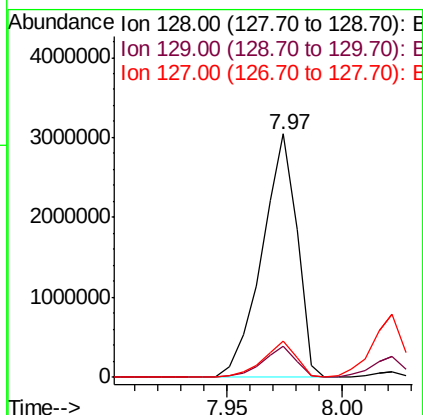
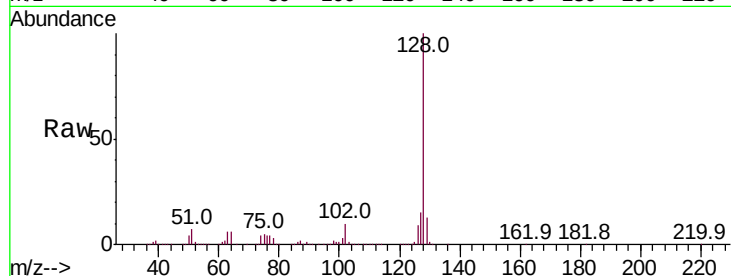




#31
Naphthalene
Concen: 47.065 ng
RT: 7.97 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BF114866.D
Acq: 6 Jun 2019 16:55

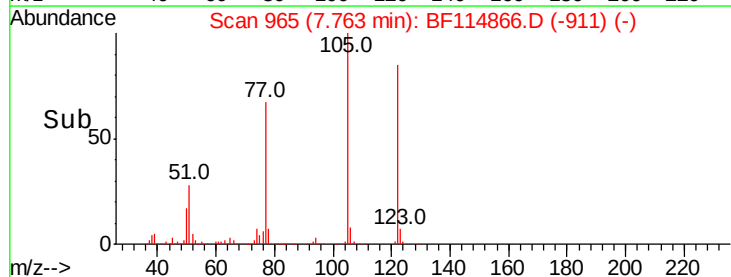
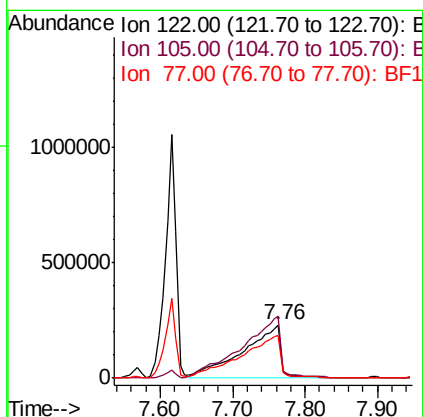
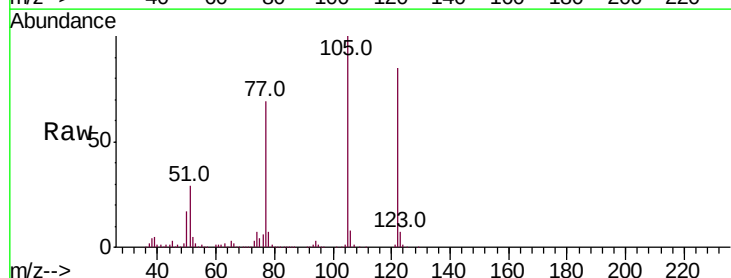
Instrument :
BNA_F
ClientSampleId :
PB120321BS

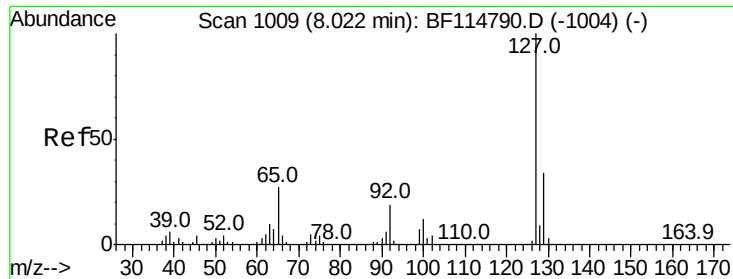
Tot Ion:128 Resp: 3207027
Ion Ratio Lower Upper
128 100
129 12.6 10.0 15.0
127 14.9 12.2 18.2



#32
Benzoic acid
Concen: 54.270 ng
RT: 7.76 min Scan# 965
Delta R.T. 0.02 min
Lab File: BF114866.D
Acq: 6 Jun 2019 16:55

Tgt Ion:122 Resp: 828798
Ion Ratio Lower Upper
122 100
105 117.3 98.7 138.7
77 80.5 64.8 104.8

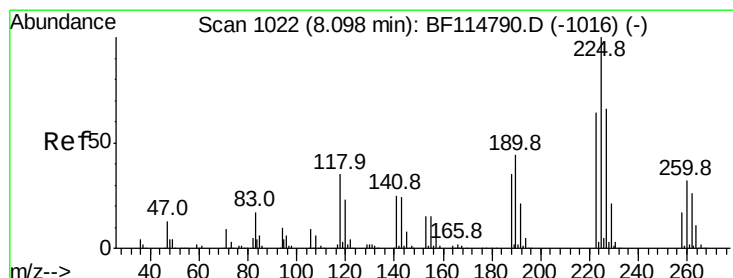
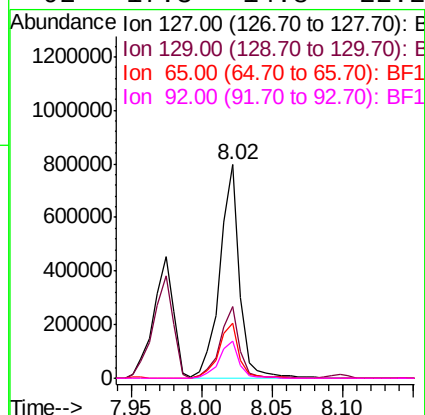
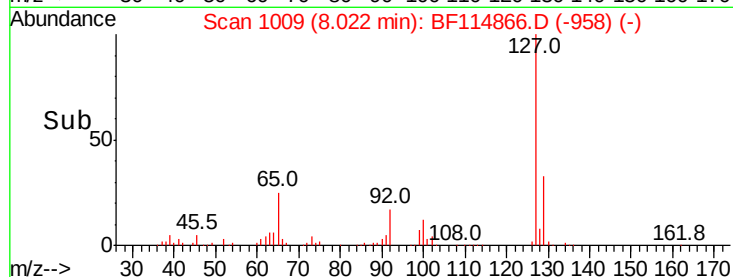
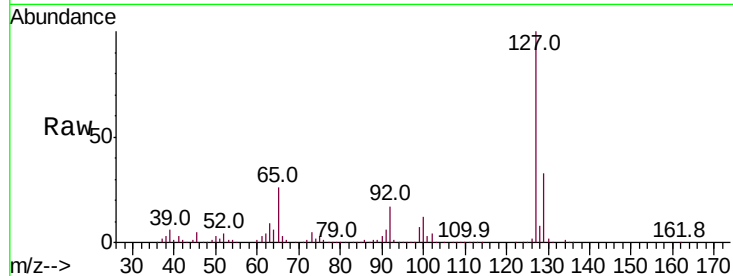




#33
4-Chloroaniline
Concen: 23.733 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF114866.D
Acq: 6 Jun 2019 16:55

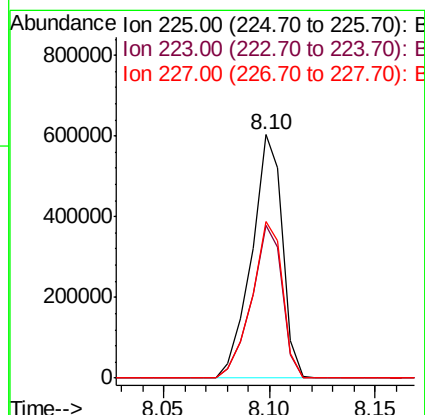
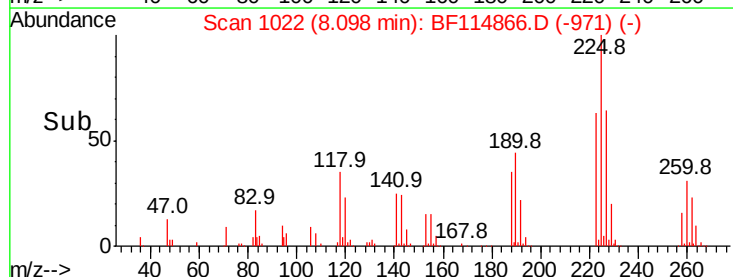
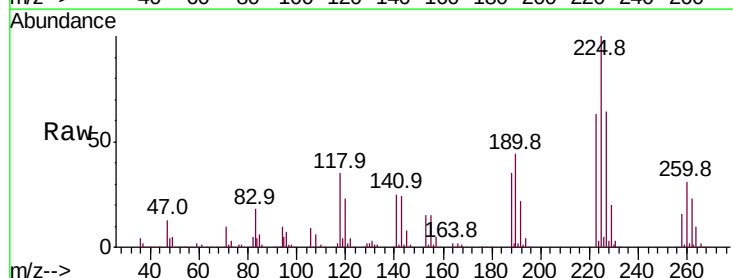
Instrument :
BNA_F
ClientSampleId :
PB120321BS

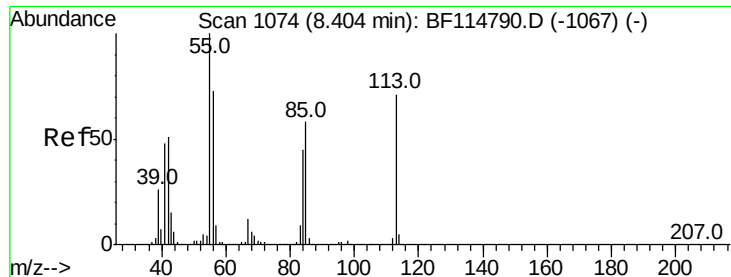
Tot Ion:	127	Resp:	771471
Ion	Ratio	Lower	Upper
127	100		
129	33.3	26.9	40.3
65	26.0	21.7	32.5
92	17.3	14.8	22.2



#34
Hexachlorobutadiene
Concen: 42.317 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF114866.D
Acq: 6 Jun 2019 16:55

Tgt Ion:	225	Resp:	608977
Ion	Ratio	Lower	Upper
225	100		
223	62.7	51.0	76.6
227	64.4	52.6	78.8





#35

Caprolactam

Concen: 27.396 ng

RT: 8.40 min Scan# 1074

Delta R.T. 0.00 min

Lab File: BF114866.D

Acq: 6 Jun 2019 16:55

Instrument :

BNA_F

ClientSampleId :

PB120321BS

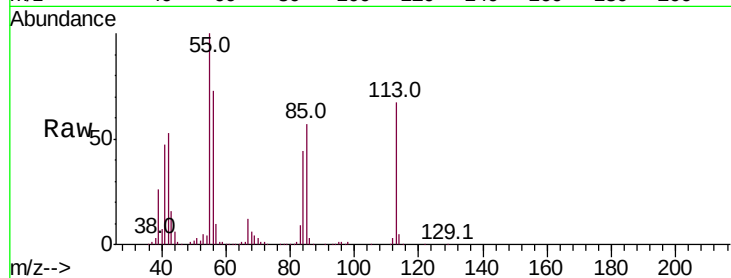
Tot Ion:113 Resp: 197427

Ion Ratio Lower Upper

113 100

55 149.9 121.1 161.1

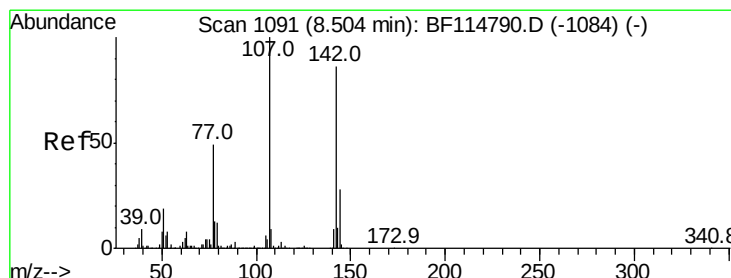
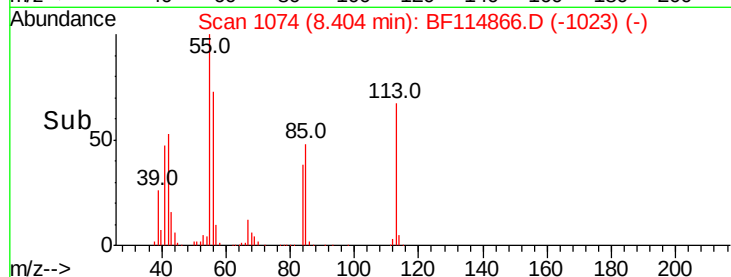
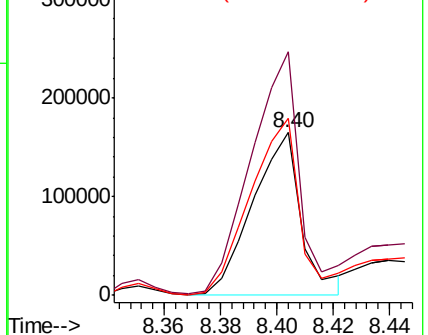
56 109.3 82.6 122.6



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: 47.530 ng

RT: 8.51 min Scan# 1092

Delta R.T. 0.01 min

Lab File: BF114866.D

Acq: 6 Jun 2019 16:55

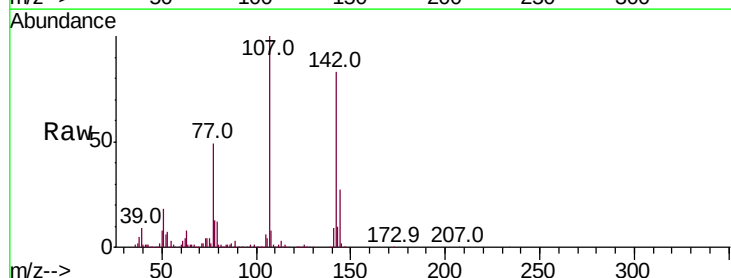
Tgt Ion:107 Resp: 1043351

Ion Ratio Lower Upper

107 100

144 27.4 22.1 33.1

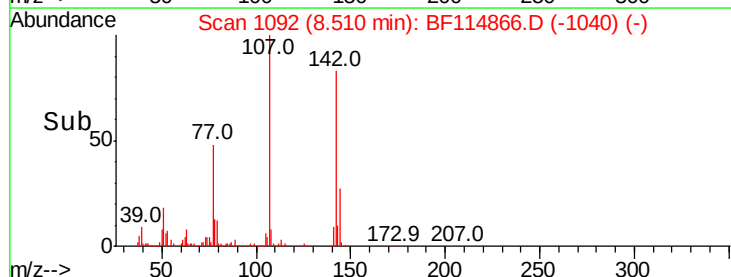
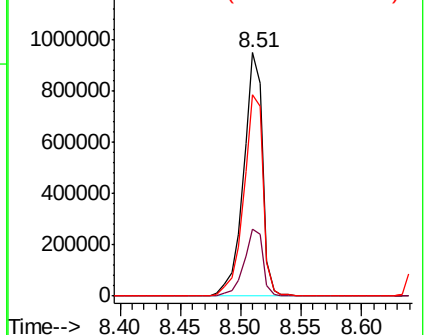
142 82.6 68.4 102.6

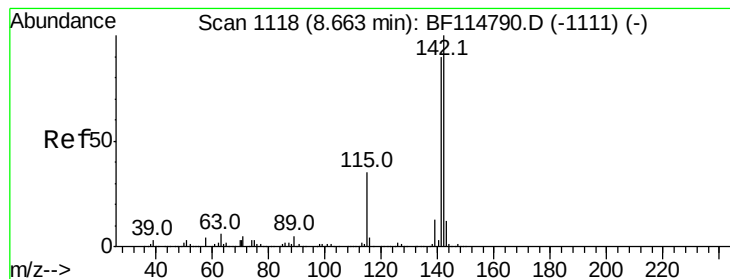


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 47.358 ng

RT: 8.66 min Scan# 1118

Delta R.T. 0.00 min

Lab File: BF114866.D

Acq: 6 Jun 2019 16:55

Instrument :

BNA_F

ClientSampleId :

PB120321BS

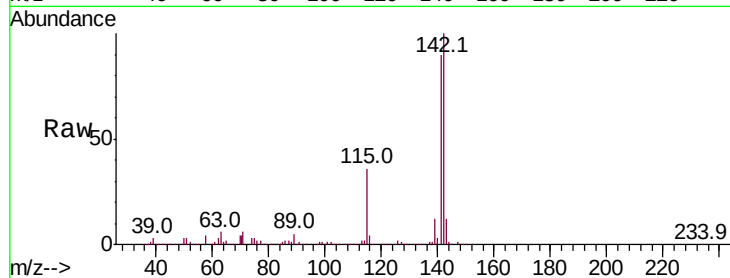
Tot Ion:142 Resp: 2238275

Ion Ratio Lower Upper

142 100

141 89.7 71.6 107.4

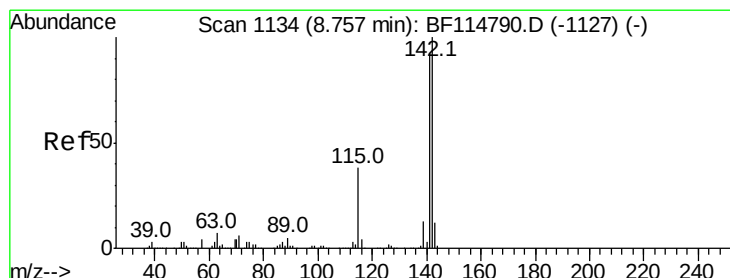
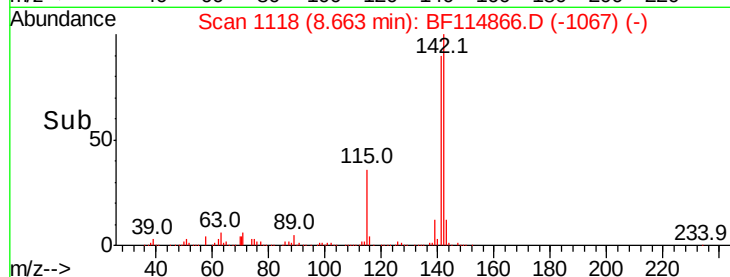
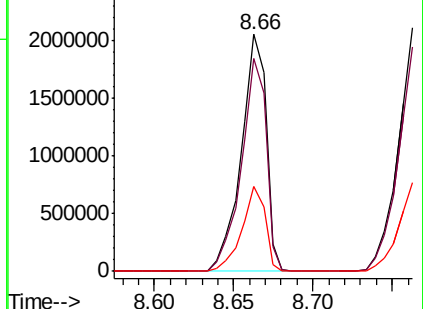
115 35.7 28.2 42.4



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: 47.246 ng

RT: 8.76 min Scan# 1135

Delta R.T. 0.01 min

Lab File: BF114866.D

Acq: 6 Jun 2019 16:55

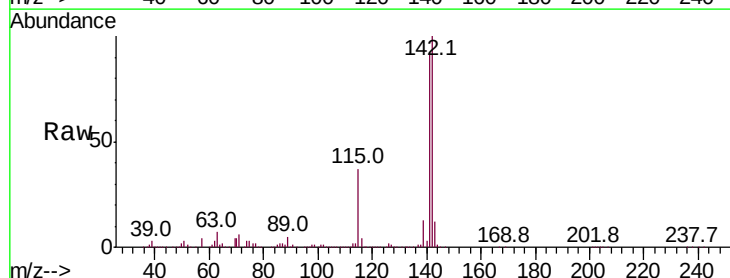
Tgt Ion:142 Resp: 2117638

Ion Ratio Lower Upper

142 100

141 92.0 73.8 110.6

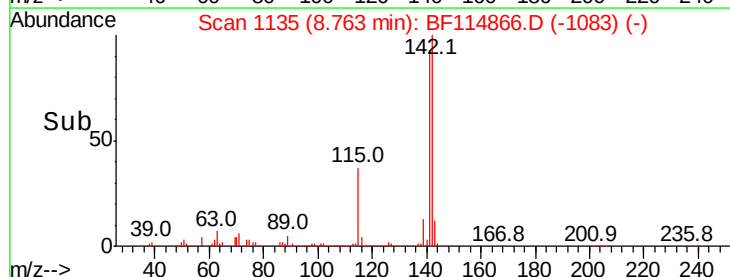
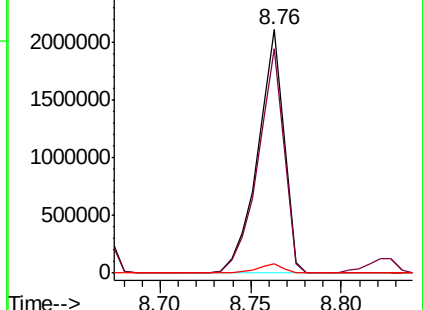
116 4.0 3.3 4.9

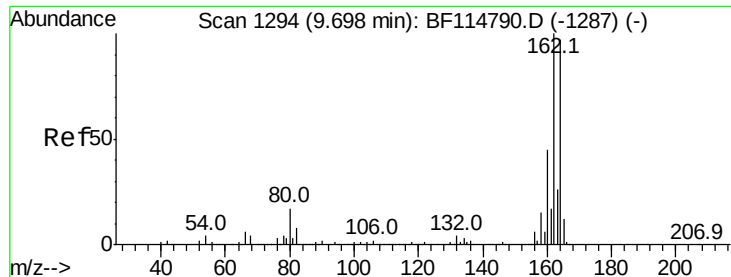


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

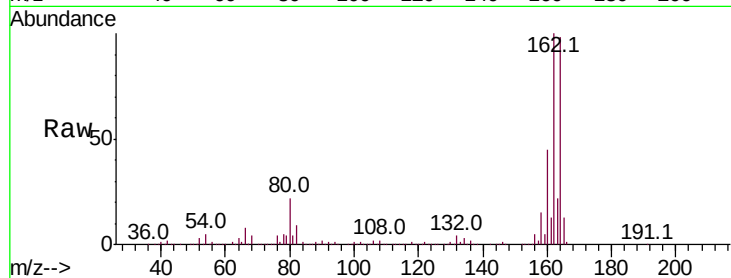




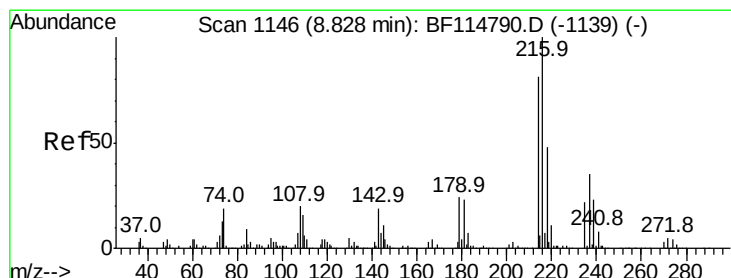
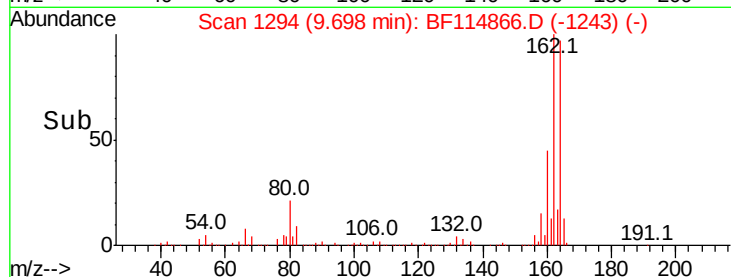
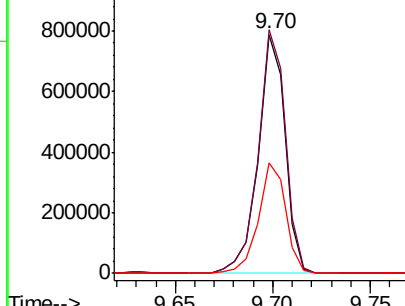
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: BF114866.D
 Acq: 6 Jun 2019 16:55

Instrument :
 BNA_F
 ClientSampleId :
 PB120321BS

Tot Ion:164 Resp: 751068
 Ion Ratio Lower Upper
 164 100
 162 102.1 82.3 123.5
 160 46.1 36.7 55.1



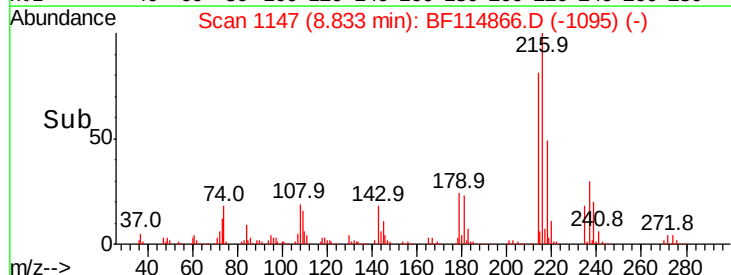
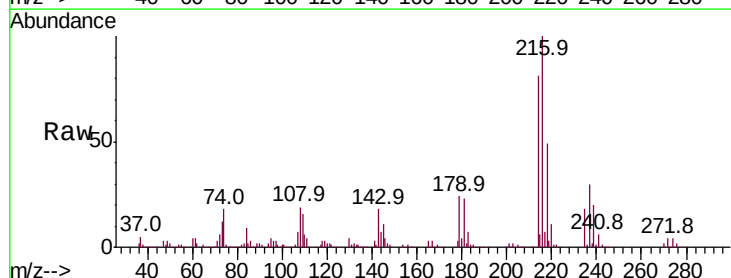
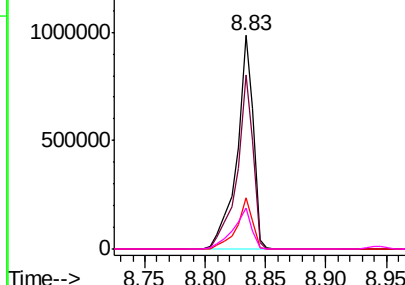
Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

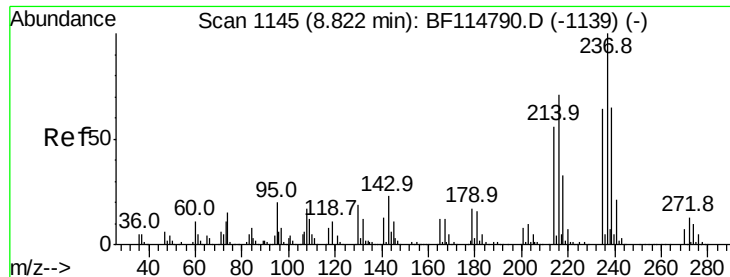


#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.727 ng
 RT: 8.83 min Scan# 1147
 Delta R.T. 0.01 min
 Lab File: BF114866.D
 Acq: 6 Jun 2019 16:55

Tgt Ion:216 Resp: 924807
 Ion Ratio Lower Upper
 216 100
 214 80.0 63.4 95.2
 179 23.0 18.3 27.5
 108 21.6 15.5 23.3

Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 87.457 ng

RT: 8.83 min Scan# 1146

Delta R.T. 0.01 min

Lab File: BF114866.D

Acq: 6 Jun 2019 16:55

Instrument :

BNA_F

ClientSampleId :

PB120321BS

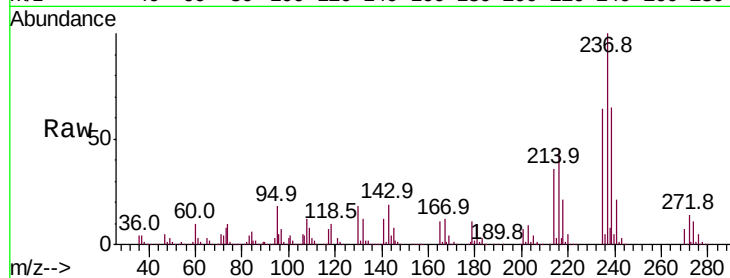
Tot Ion:237 Resp: 1148073

Ion Ratio Lower Upper

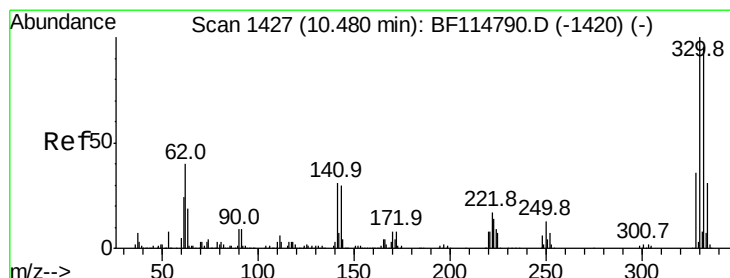
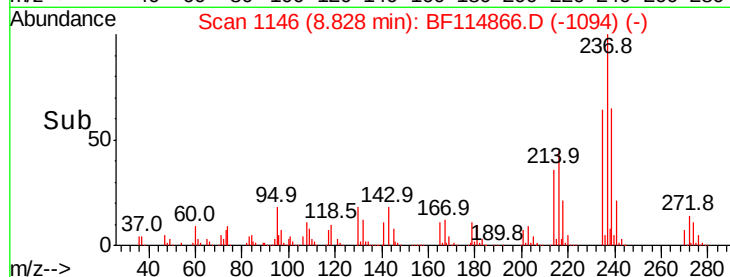
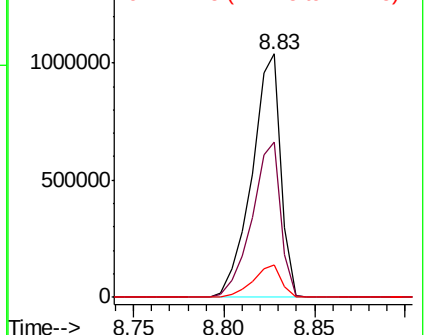
237 100

235 63.9 44.0 84.0

272 13.5 0.0 33.4



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



#42

2,4,6-Tribromophenol

Concen: 110.161 ng

RT: 10.49 min Scan# 1428

Delta R.T. 0.01 min

Lab File: BF114866.D

Acq: 6 Jun 2019 16:55

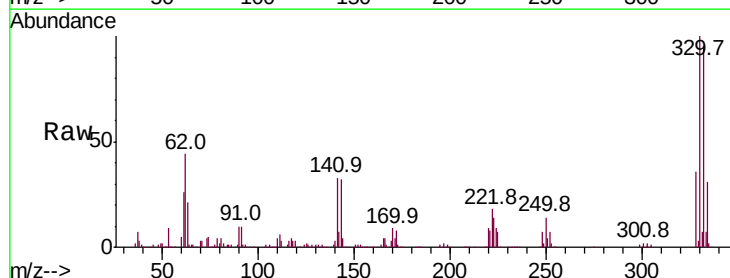
Tgt Ion:330 Resp: 891636

Ion Ratio Lower Upper

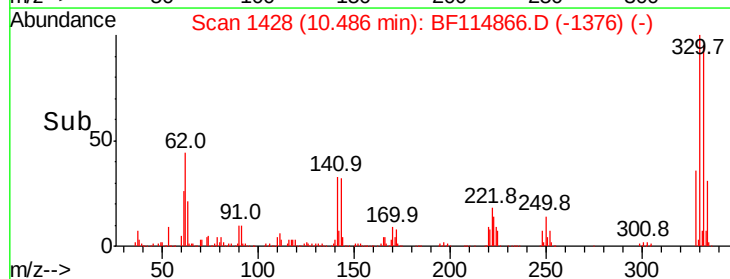
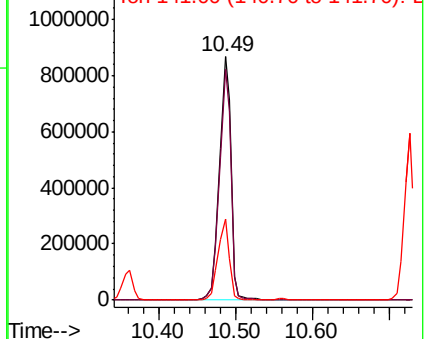
330 100

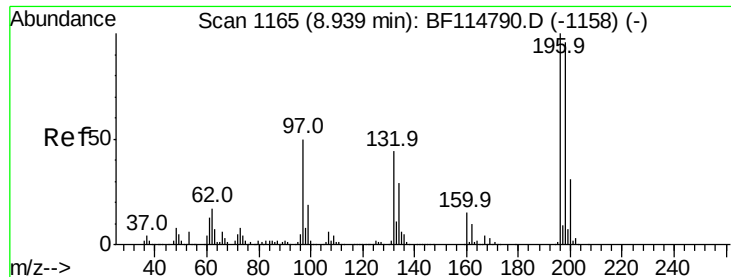
332 95.0 77.3 115.9

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: 45.436 ng

RT: 8.95 min Scan# 1166

Delta R.T. 0.01 min

Lab File: BF114866.D

Acq: 6 Jun 2019 16:55

Instrument :

BNA_F

ClientSampleId :

PB120321BS

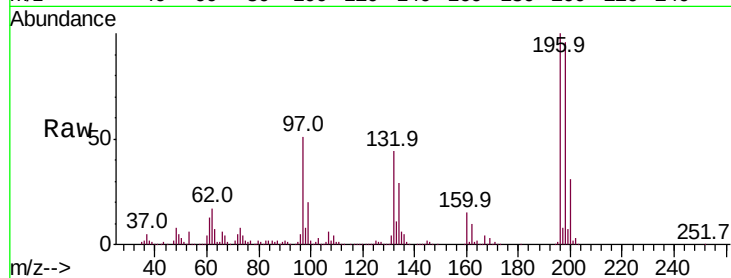
Tot Ion:196 Resp: 764712

Ion Ratio Lower Upper

196 100

198 95.7 77.1 115.7

200 31.4 24.6 36.8

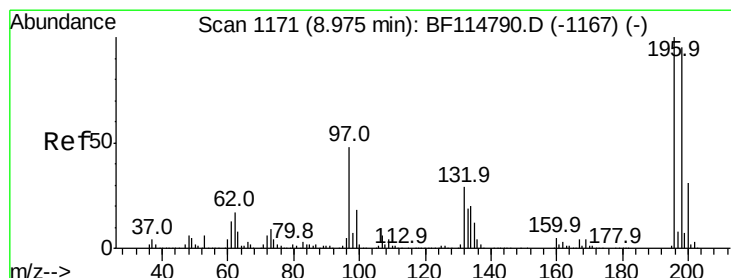
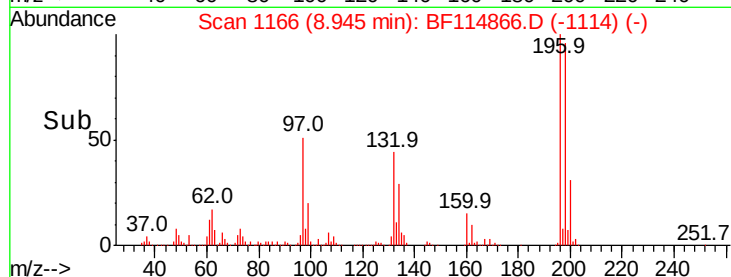
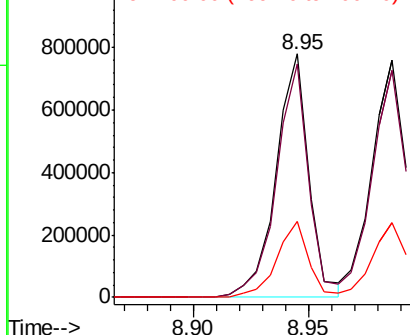


Abundance

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: 45.167 ng

RT: 8.99 min Scan# 1173

Delta R.T. 0.01 min

Lab File: BF114866.D

Acq: 6 Jun 2019 16:55

Tgt Ion:196 Resp: 765582

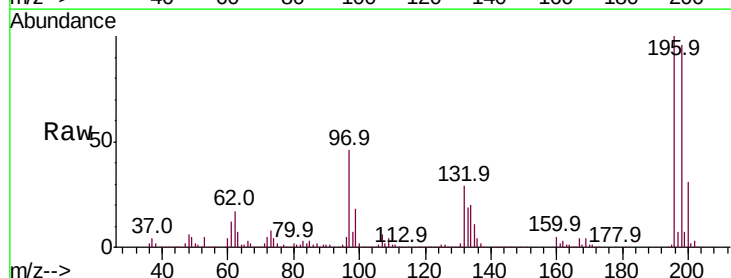
Ion Ratio Lower Upper

196 100

198 95.9 76.2 114.4

97 45.9 38.2 57.4

132 28.9 23.7 35.5



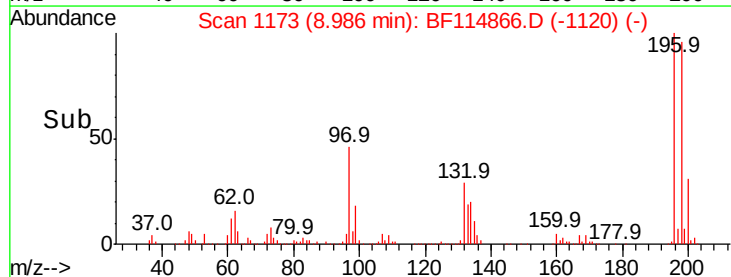
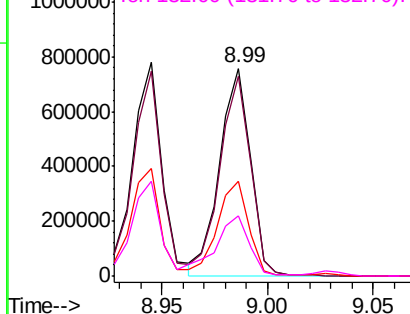
Abundance

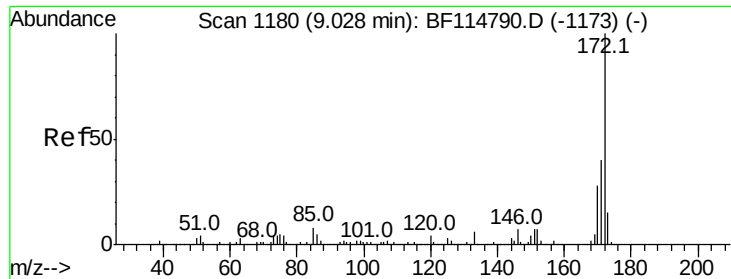
Ion 196.00 (195.70 to 196.70): E

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

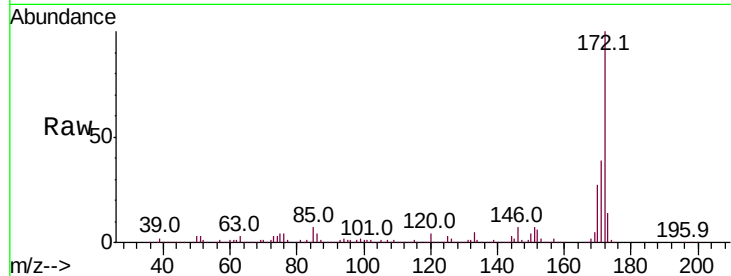




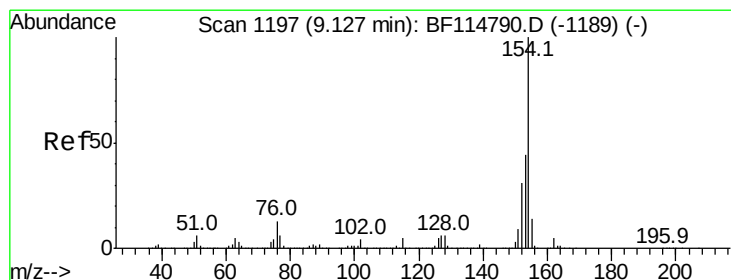
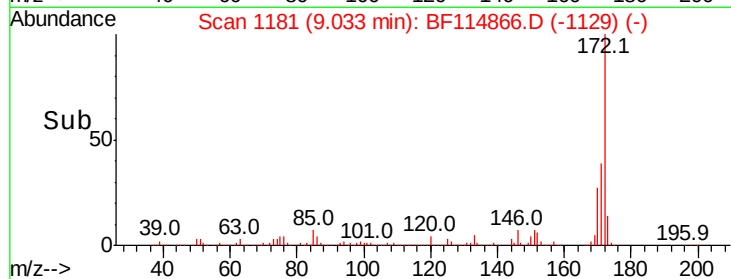
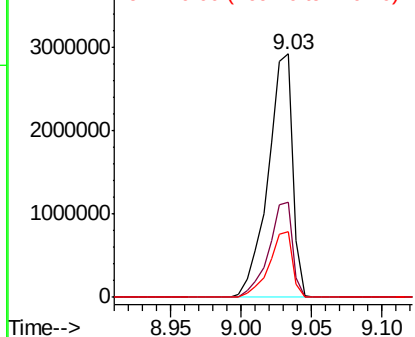
#45
2-Fluorobiphenyl
Concen: 89.363 ng
RT: 9.03 min Scan# 1181
Delta R.T. 0.01 min
Lab File: BF114866.D
Acq: 6 Jun 2019 16:55

Instrument :
BNA_F
ClientSampleId :
PB120321BS

Tot Ion:172 Resp: 3582899
Ion Ratio Lower Upper
172 100
171 38.9 32.3 48.5
170 26.8 22.4 33.6

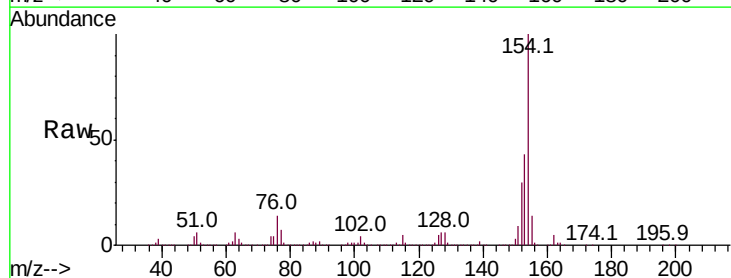


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

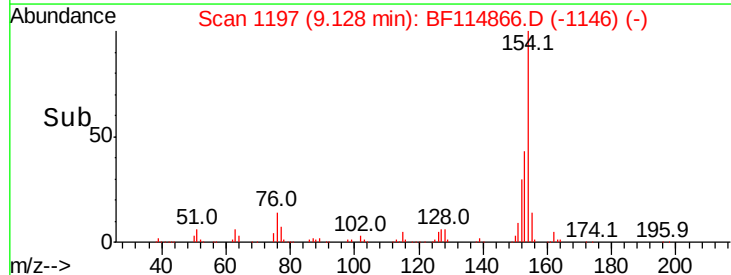
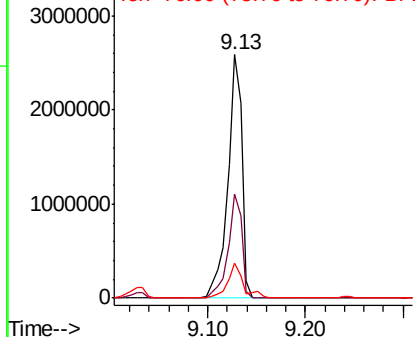


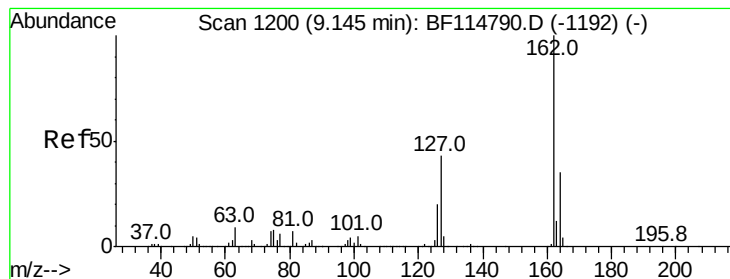
#46
1,1'-Biphenyl
Concen: 46.185 ng
RT: 9.13 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BF114866.D
Acq: 6 Jun 2019 16:55

Tgt Ion:154 Resp: 2570884
Ion Ratio Lower Upper
154 100
153 42.7 23.9 63.9
76 14.4 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: 43.488 ng

RT: 9.15 min Scan# 1201

Delta R.T. 0.01 min

Lab File: BF114866.D

Acq: 6 Jun 2019 16:55

Instrument :

BNA_F

ClientSampled :

PB120321BS

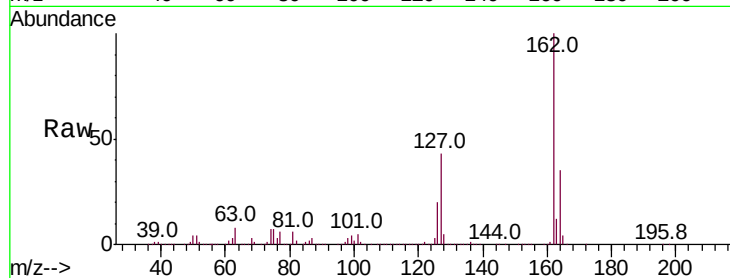
Tot Ion:162 Resp: 2056991

Ion Ratio Lower Upper

162 100

127 42.6 34.6 51.8

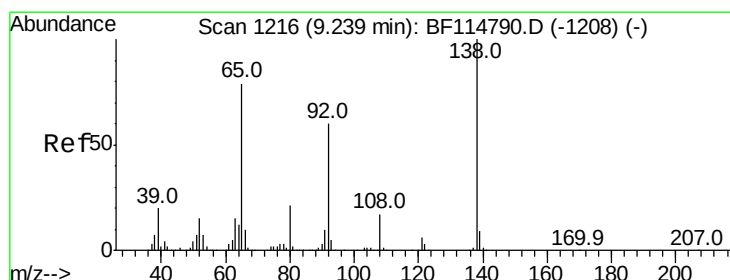
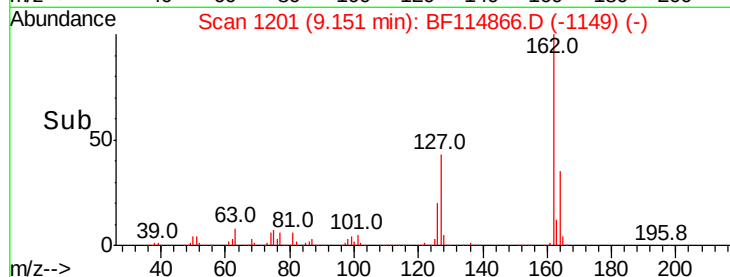
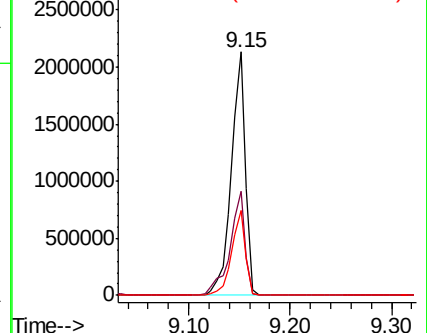
164 34.9 27.8 41.8



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: 43.093 ng

RT: 9.25 min Scan# 1217

Delta R.T. 0.01 min

Lab File: BF114866.D

Acq: 6 Jun 2019 16:55

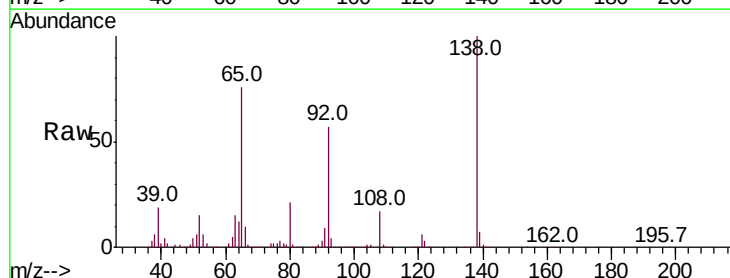
Tgt Ion: 65 Resp: 608272

Ion Ratio Lower Upper

65 100

92 74.9 60.4 90.6

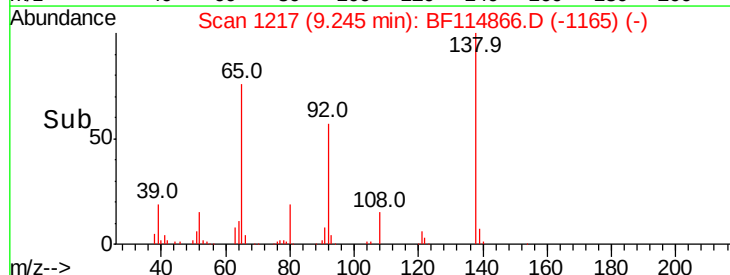
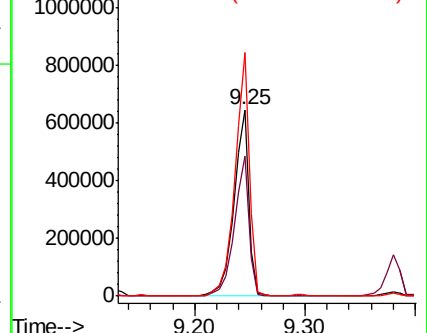
138 130.9 101.2 151.8

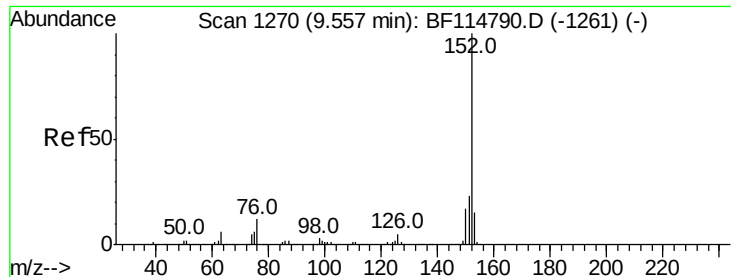


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 45.395 ng

RT: 9.56 min Scan# 1271

Delta R.T. 0.01 min

Lab File: BF114866.D

Acq: 6 Jun 2019 16:55

Instrument :

BNA_F

ClientSampleId :

PB120321BS

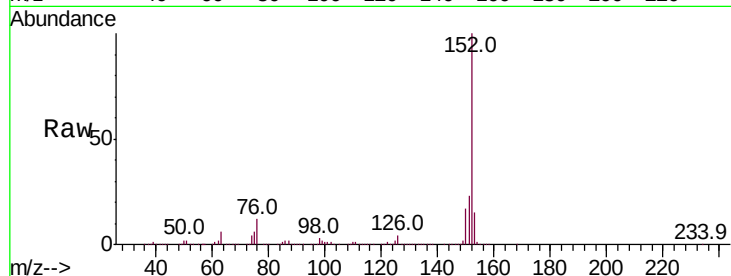
Tot Ion:152 Resp: 3113796

Ion Ratio Lower Upper

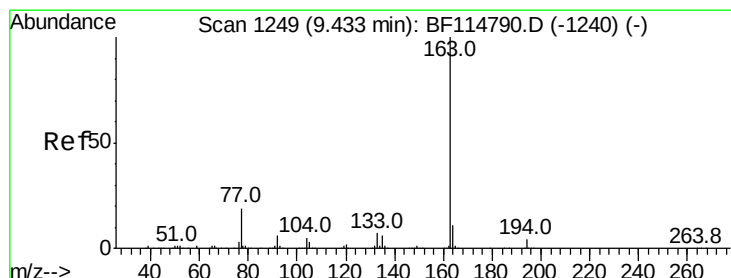
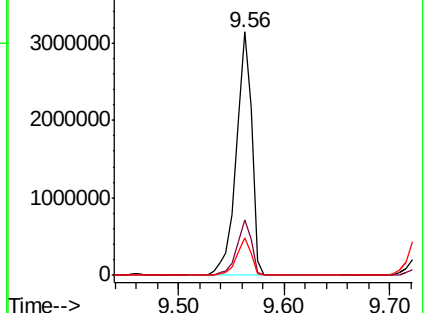
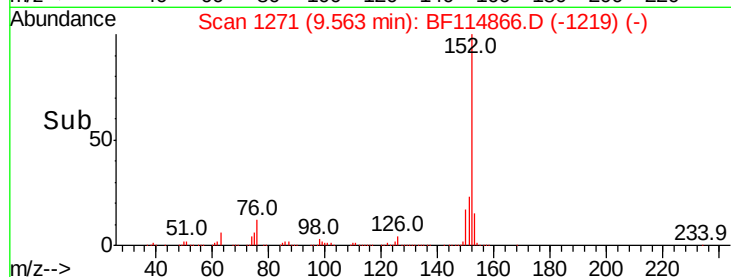
152 100

151 23.0 18.3 27.5

153 15.5 12.3 18.5



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 44.430 ng

RT: 9.43 min Scan# 1249

Delta R.T. 0.00 min

Lab File: BF114866.D

Acq: 6 Jun 2019 16:55

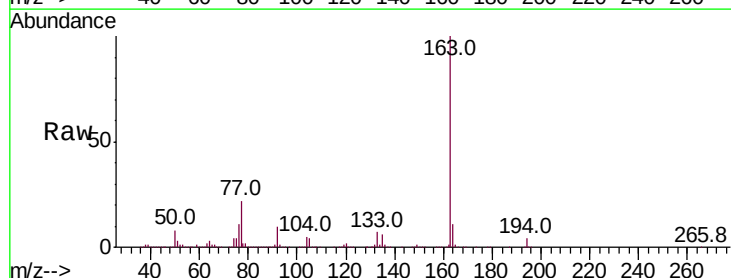
Tgt Ion:163 Resp: 2437222

Ion Ratio Lower Upper

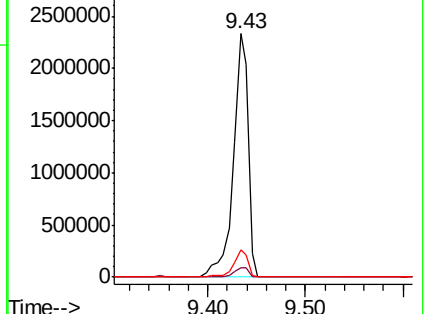
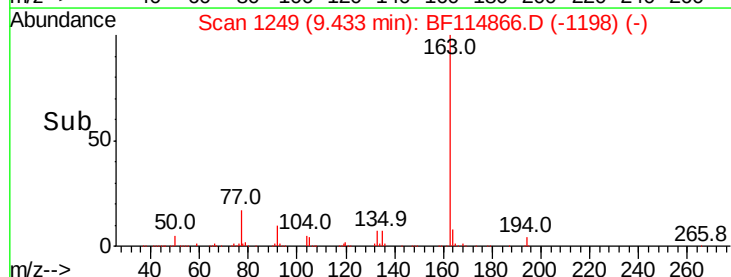
163 100

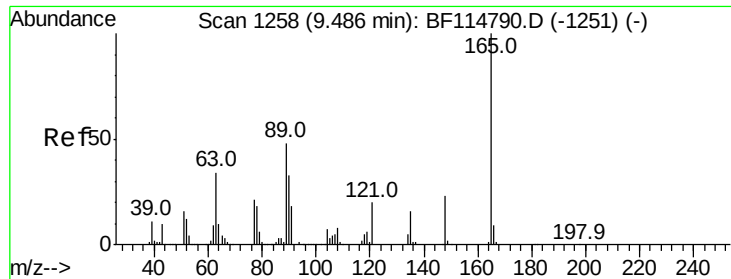
194 4.1 3.4 5.2

164 11.4 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

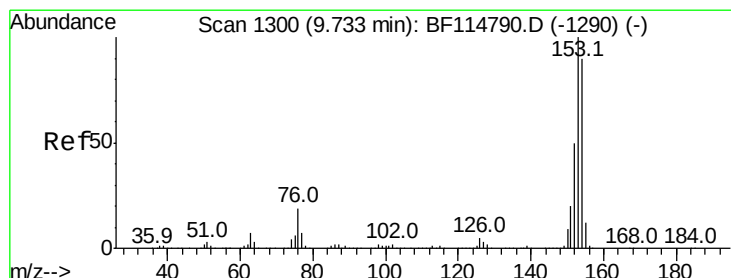
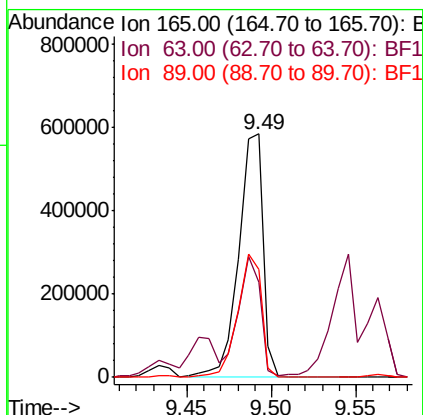
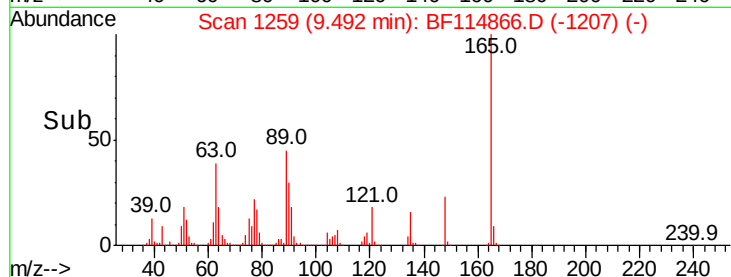
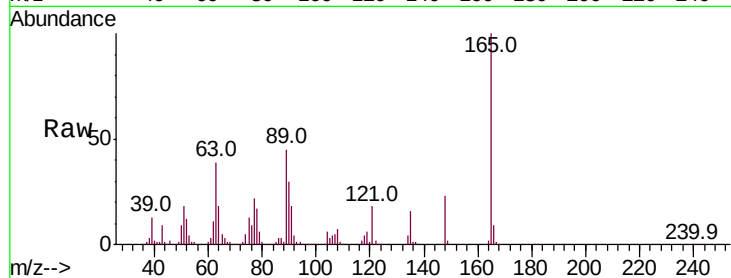




#51
 2,6-Dinitrotoluene
 Concen: 45.394 ng
 RT: 9.49 min Scan# 1259
 Delta R.T. 0.01 min
 Lab File: BF114866.D
 Acq: 6 Jun 2019 16:55

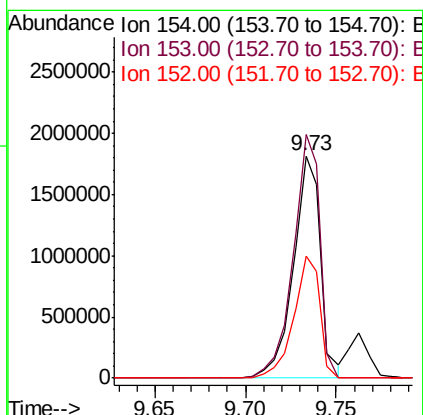
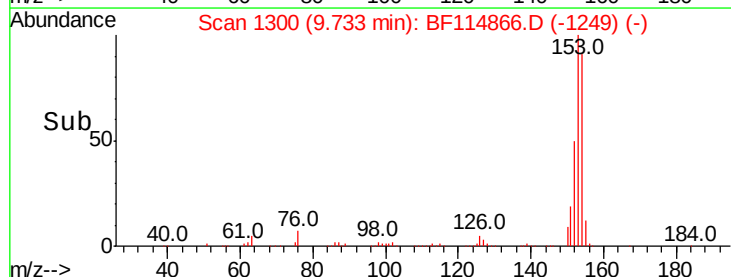
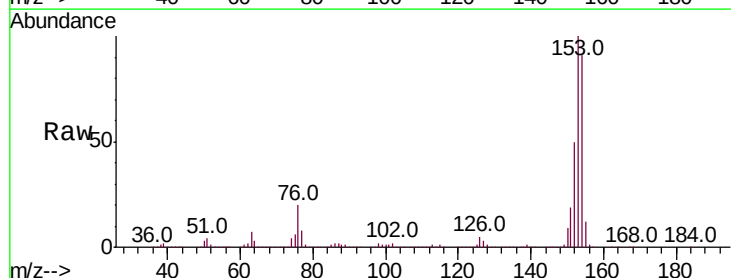
Instrument :
 BNA_F
 ClientSampleId :
 PB120321BS

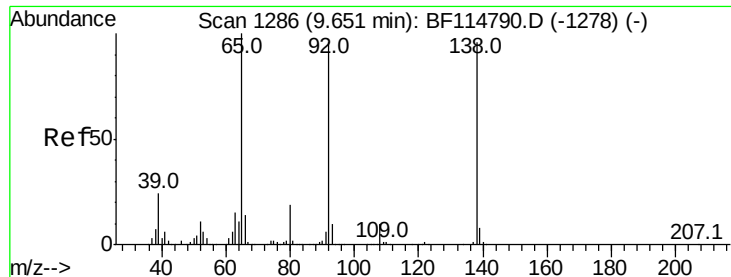
Tot Ion:165 Resp: 585614
 Ion Ratio Lower Upper
 165 100
 63 39.3 35.1 52.7
 89 44.6 38.2 57.2



#52
 Acenaphthene
 Concen: 42.451 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. 0.00 min
 Lab File: BF114866.D
 Acq: 6 Jun 2019 16:55

Tgt Ion:154 Resp: 1907453
 Ion Ratio Lower Upper
 154 100
 153 109.5 88.5 132.7
 152 54.8 44.1 66.1

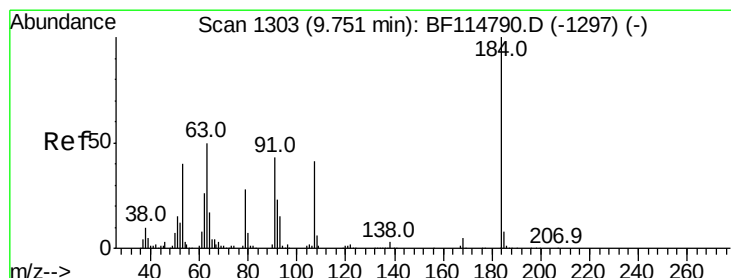
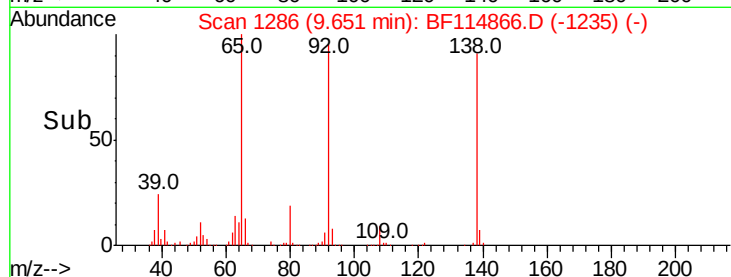
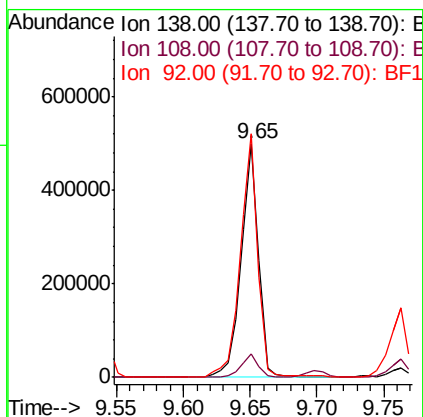
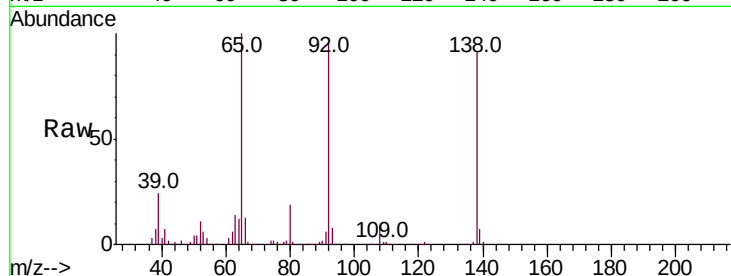




#53
3-Nitroaniline
Concen: 30.076 ng
RT: 9.65 min Scan# 1286
Delta R.T. 0.00 min
Lab File: BF114866.D
Acq: 6 Jun 2019 16:55

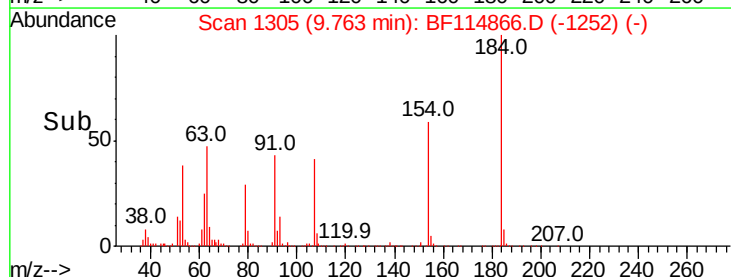
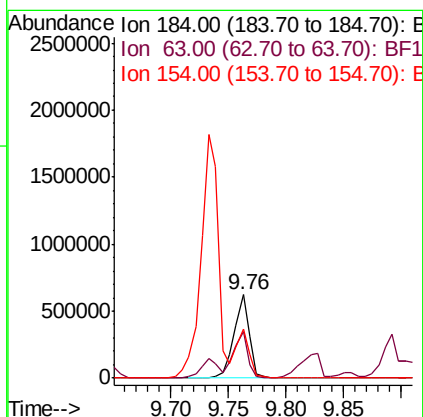
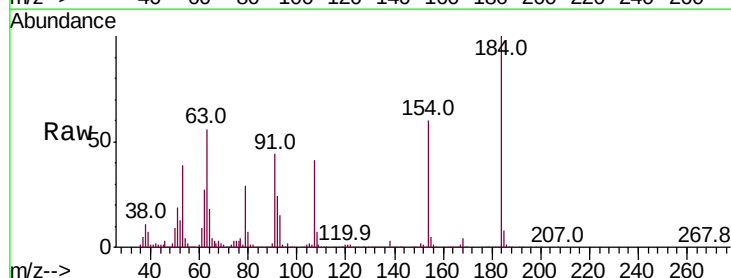
Instrument :
BNA_F
ClientSampleId :
PB120321BS

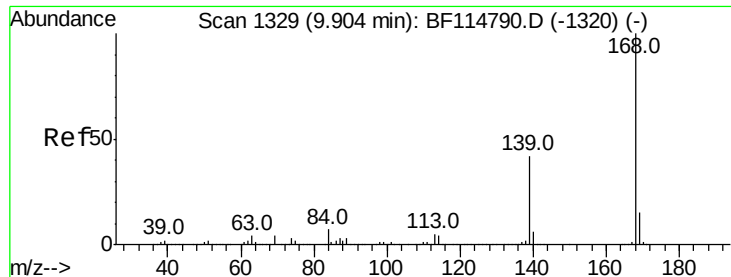
Tot Ion:138 Resp: 453255
Ion Ratio Lower Upper
138 100
108 10.0 7.9 11.9
92 104.1 79.9 119.9



#54
2,4-Dinitrophenol
Concen: 98.349 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.01 min
Lab File: BF114866.D
Acq: 6 Jun 2019 16:55

Tgt Ion:184 Resp: 574130
Ion Ratio Lower Upper
184 100
63 56.1 44.1 66.1
154 59.5 48.1 72.1

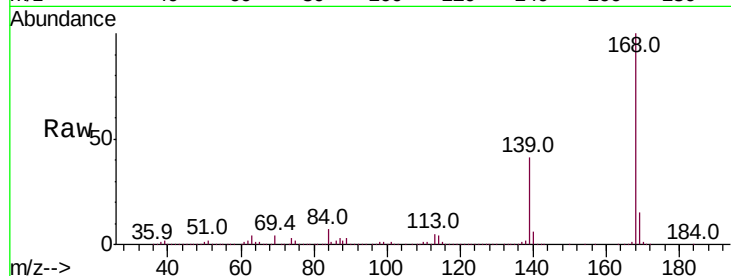




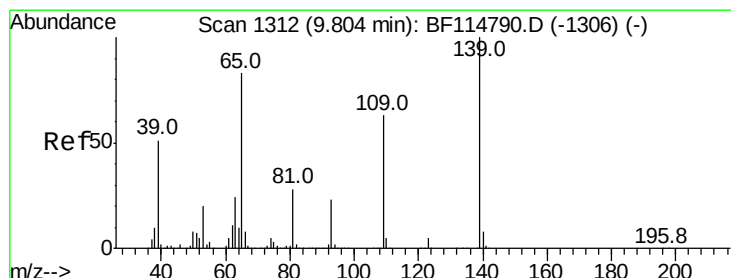
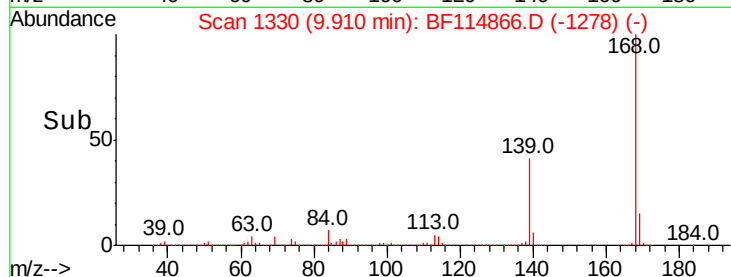
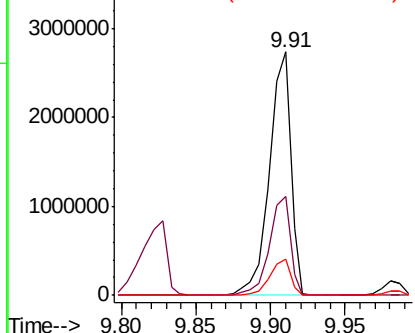
#55
Dibenzenofuran
Concen: 43.550 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF114866.D
Acq: 6 Jun 2019 16:55

Instrument :
BNA_F
ClientSampleId :
PB120321BS

Tot Ion:168 Resp: 2721073
Ion Ratio Lower Upper
168 100
139 40.8 33.8 50.6
169 14.8 11.9 17.9

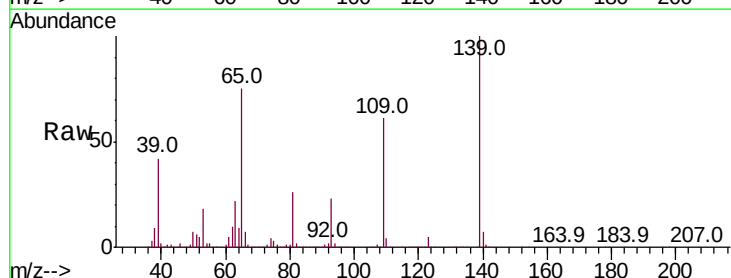


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

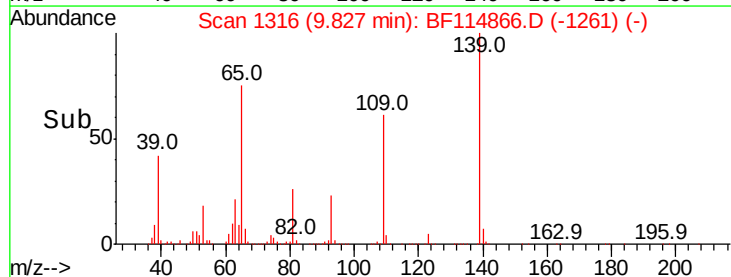
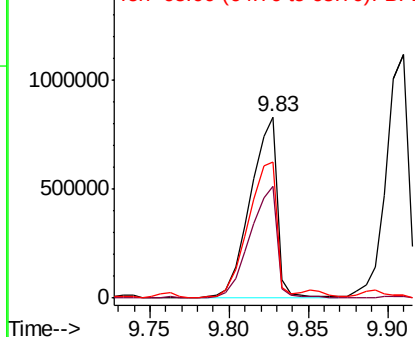


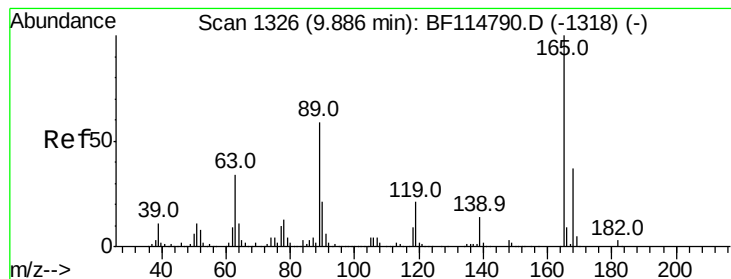
#56
4-Nitrophenol
Concen: 89.229 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.02 min
Lab File: BF114866.D
Acq: 6 Jun 2019 16:55

Tgt Ion:139 Resp: 985362
Ion Ratio Lower Upper
139 100
109 61.2 43.5 83.5
65 75.3 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: 45.834 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.01 min

Lab File: BF114866.D

Acq: 6 Jun 2019 16:55

Instrument :

BNA_F

ClientSampleId :

PB120321BS

Tot Ion:165 Resp: 743315

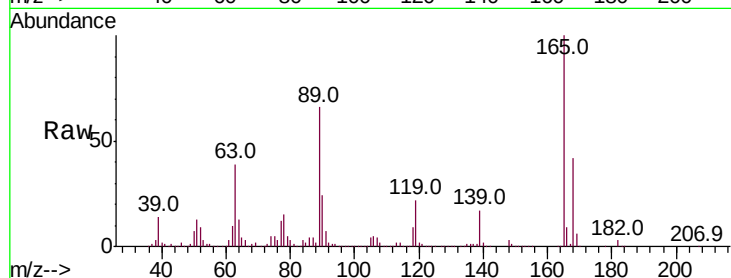
Ion Ratio Lower Upper

165 100

63 38.6 27.0 40.4

89 65.8 47.0 70.6

182 2.6 2.2 3.2

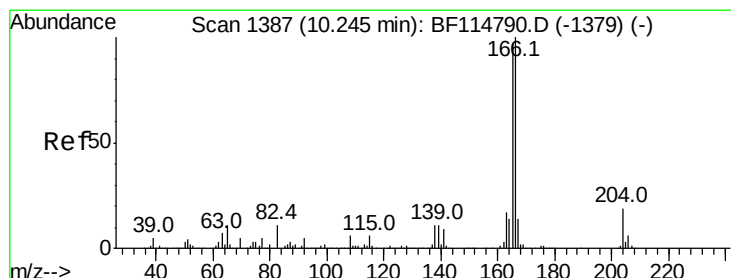
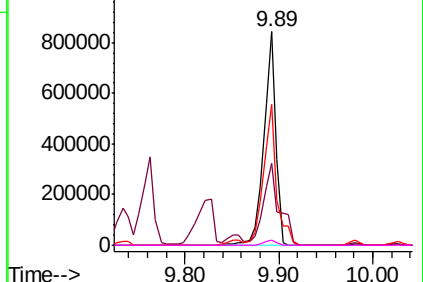
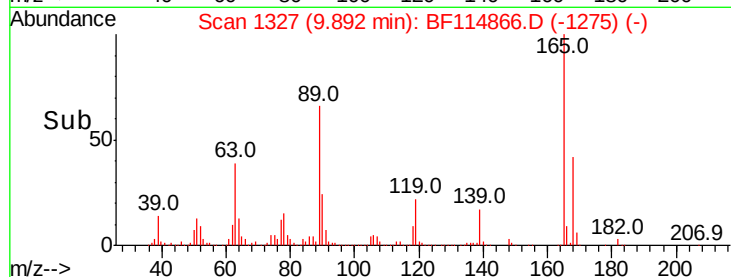


Abundance Ion 165.00 (164.70 to 165.70): E

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: 47.929 ng

RT: 10.25 min Scan# 1388

Delta R.T. 0.01 min

Lab File: BF114866.D

Acq: 6 Jun 2019 16:55

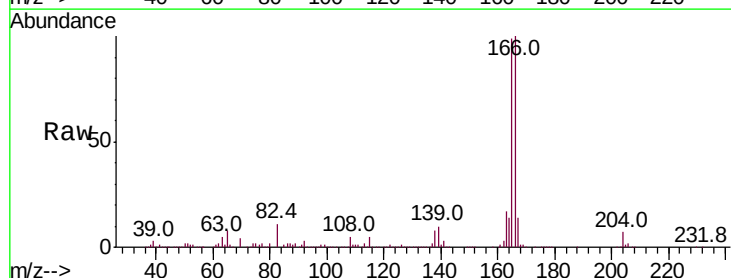
Tgt Ion:166 Resp: 1895323

Ion Ratio Lower Upper

166 100

165 99.4 77.9 116.9

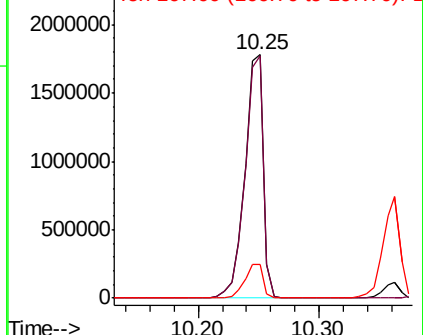
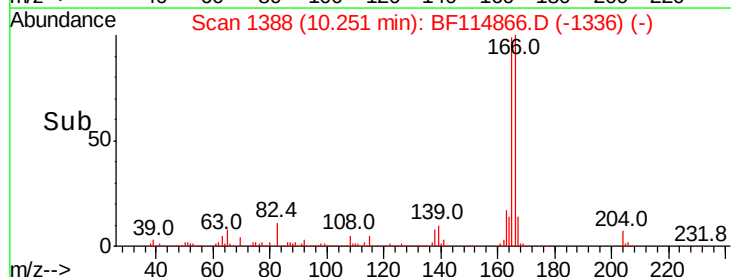
167 13.6 11.3 16.9

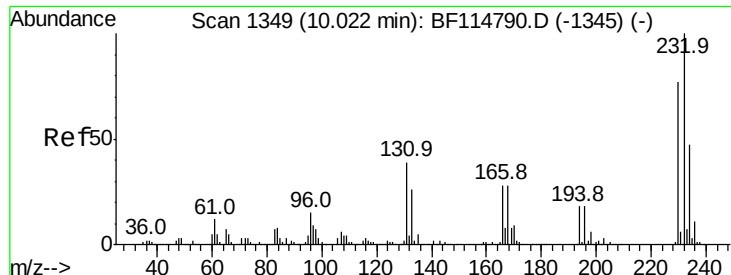


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

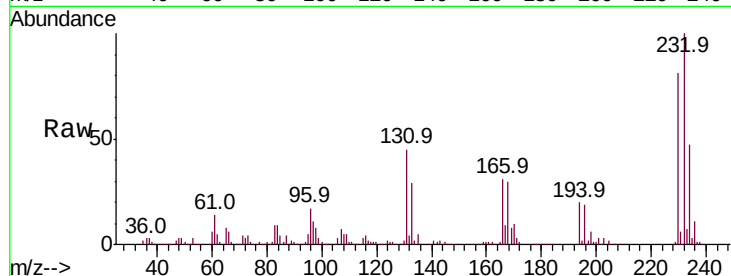




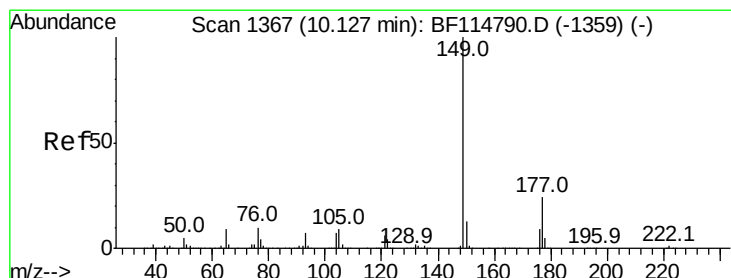
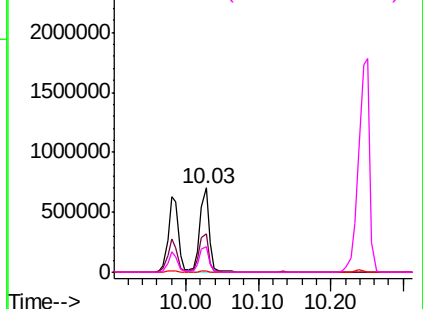
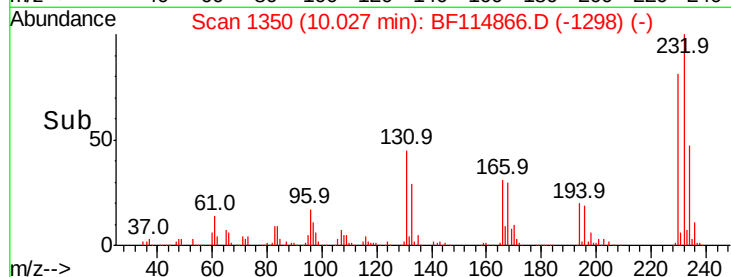
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.731 ng
 RT: 10.03 min Scan# 1350
 Delta R.T. 0.01 min
 Lab File: BF114866.D
 Acq: 6 Jun 2019 16:55

Instrument :
 BNA_F
 ClientSampleId :
 PB120321BS

Tot Ion:	232	Resp:	635066
Ion	Ratio	Lower	Upper
232	100		
131	46.3	36.8	55.2
130	2.2	1.8	2.6
166	31.2	24.6	37.0

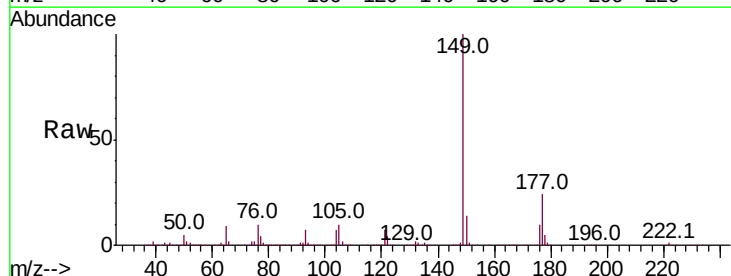


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

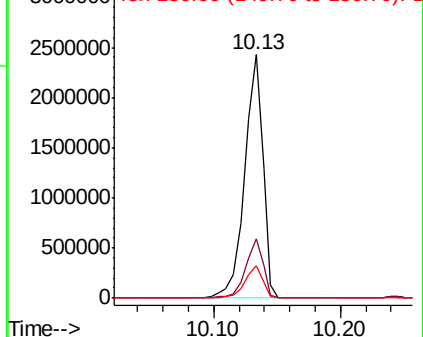
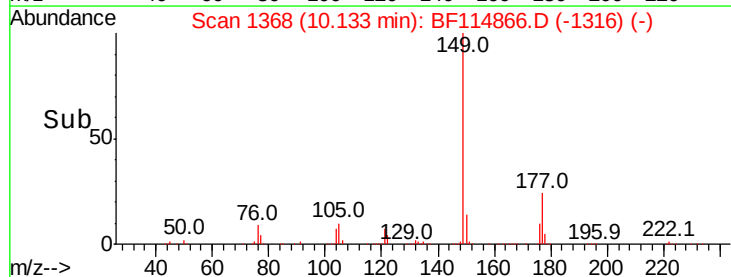


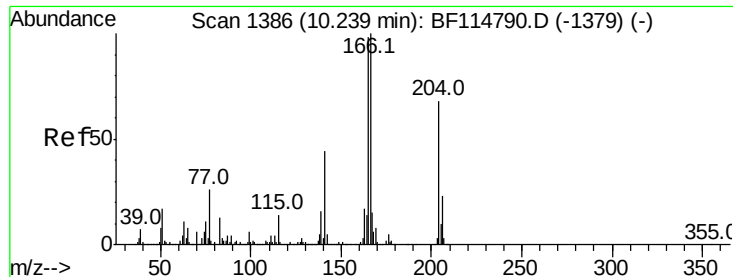
#60
 Diethylphthalate
 Concen: 43.567 ng
 RT: 10.13 min Scan# 1368
 Delta R.T. 0.01 min
 Lab File: BF114866.D
 Acq: 6 Jun 2019 16:55

Tgt Ion:	149	Resp:	2398119
Ion	Ratio	Lower	Upper
149	100		
177	24.2	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

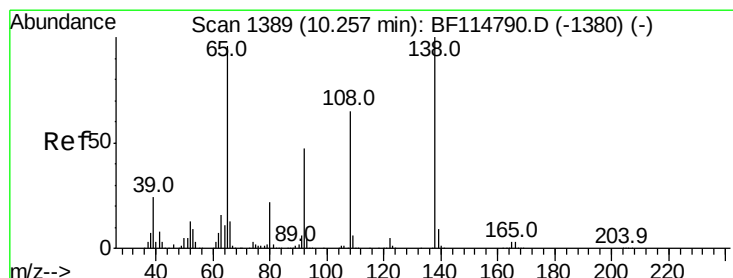
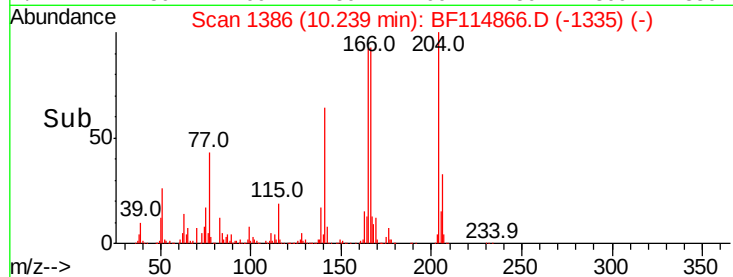
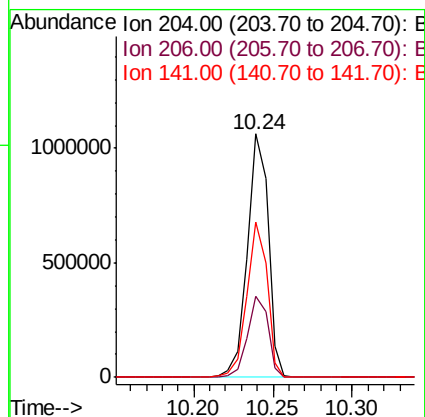
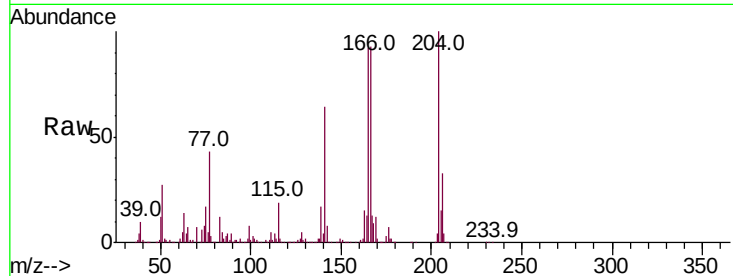




#61
4-Chlorophenyl-phenylether
Concen: 40.509 ng
RT: 10.24 min Scan# 1386
Delta R.T. 0.00 min
Lab File: BF114866.D
Acq: 6 Jun 2019 16:55

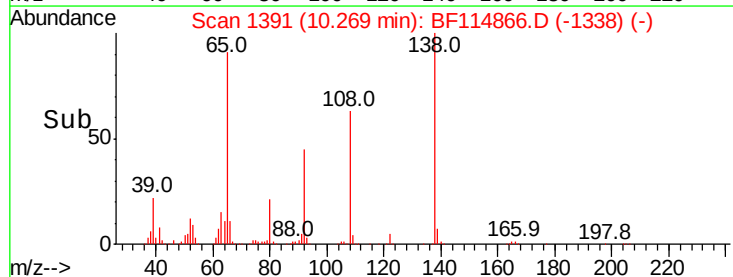
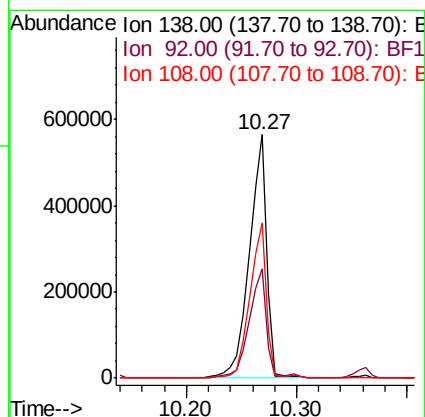
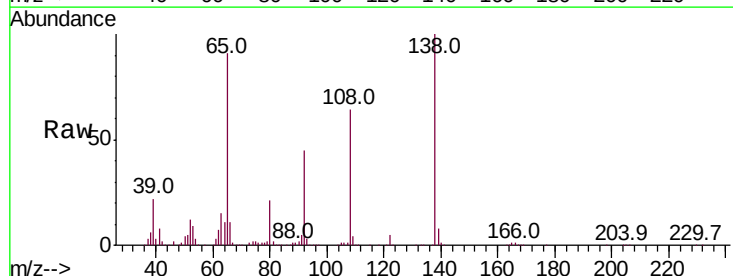
Instrument :
BNA_F
ClientSampleId :
PB120321BS

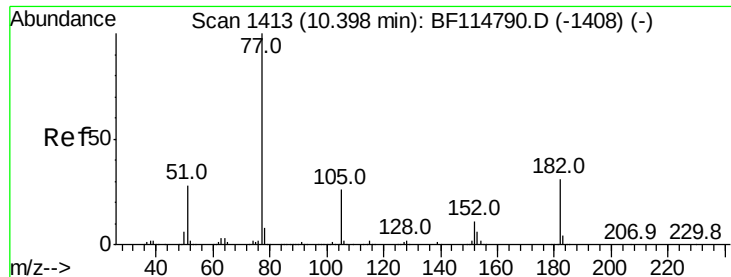
Tot Ion:204 Resp: 969411
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 64.0 51.0 76.4



#62
4-Nitroaniline
Concen: 42.798 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.01 min
Lab File: BF114866.D
Acq: 6 Jun 2019 16:55

Tgt Ion:138 Resp: 625594
Ion Ratio Lower Upper
138 100
92 45.1 26.5 66.5
108 63.5 45.4 85.4





#63

Azobenzene

Concen: 45.541 ng

RT: 10.40 min Scan# 1414

Delta R.T. 0.01 min

Lab File: BF114866.D

Acq: 6 Jun 2019 16:55

Instrument :

BNA_F

ClientSampleId :

PB120321BS

Tot Ion: 77 Resp: 2133817

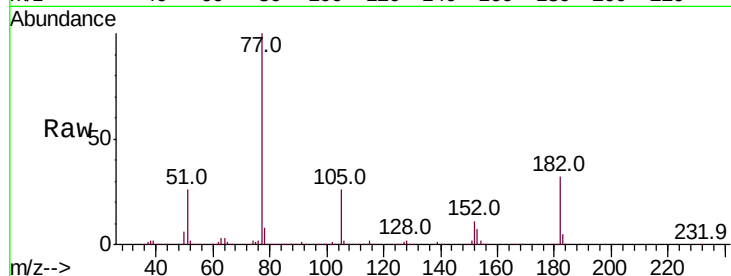
Ion	Ratio	Lower	Upper
77	100		
182	32.1	11.2	51.2
105	25.8	5.7	45.7
51	26.5	8.0	48.0

77 100

182 32.1 11.2 51.2

105 25.8 5.7 45.7

51 26.5 8.0 48.0



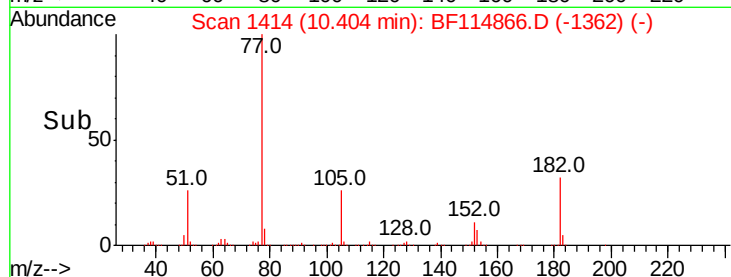
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

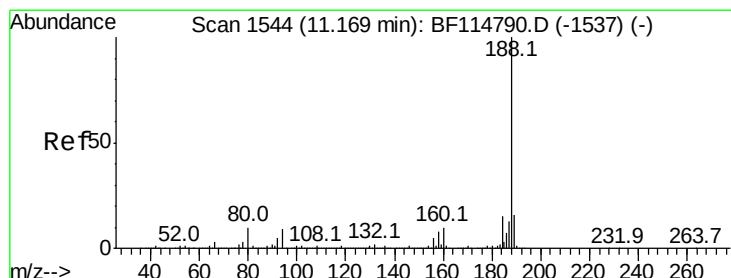
Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Time-->



Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.17 min Scan# 1545

Delta R.T. 0.01 min

Lab File: BF114866.D

Acq: 6 Jun 2019 16:55

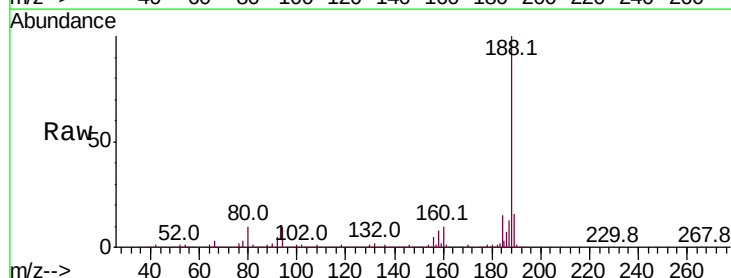
Tgt Ion: 188 Resp: 1390575

Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.6	11.4
80	10.2	8.3	12.5

188 100

94 9.5 7.6 11.4

80 10.2 8.3 12.5

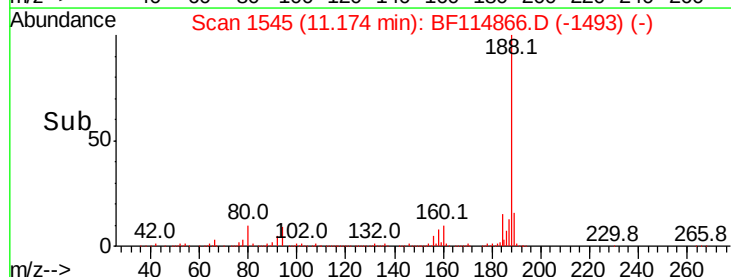


Abundance Ion 188.00 (187.70 to 188.70): BF1

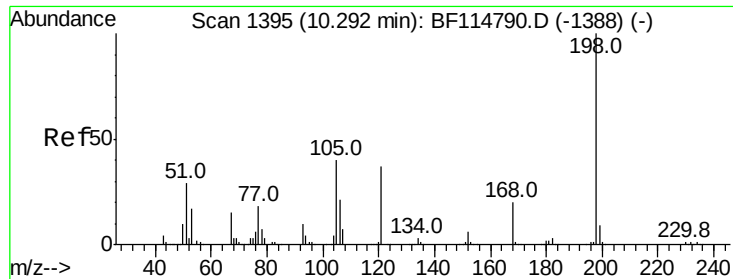
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

Time-->



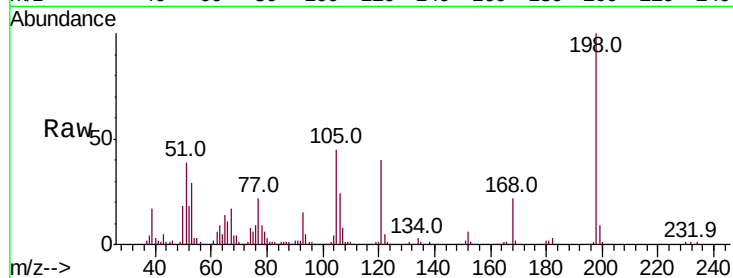
Time-->



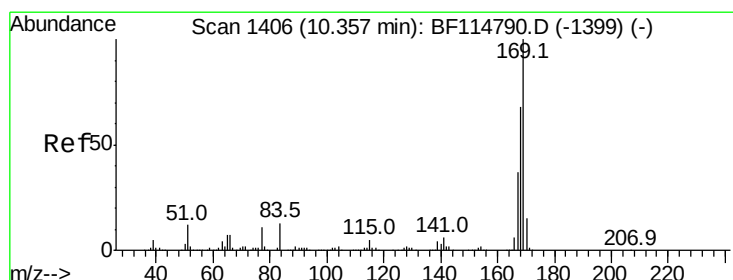
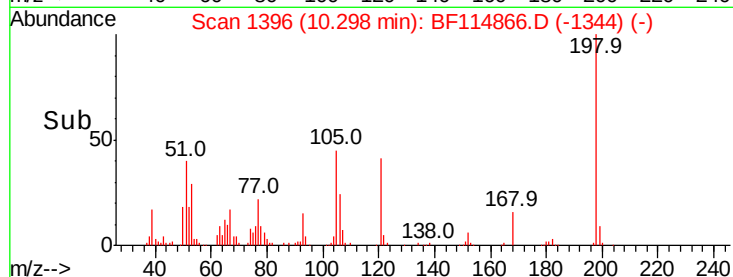
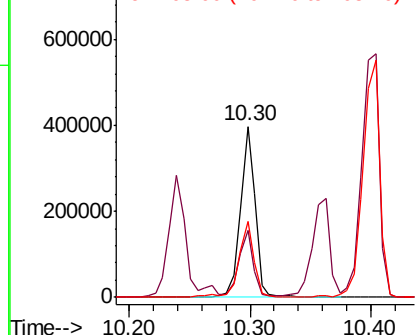
#65
4,6-Dinitro-2-methylphenol
Concen: 47.238 ng
RT: 10.30 min Scan# 1396
Delta R.T. 0.01 min
Lab File: BF114866.D
Acq: 6 Jun 2019 16:55

Instrument :
BNA_F
ClientSampleId :
PB120321BS

Tot Ion:198 Resp: 341222
Ion Ratio Lower Upper
198 100
51 39.4 14.9 54.9
105 44.7 21.0 61.0

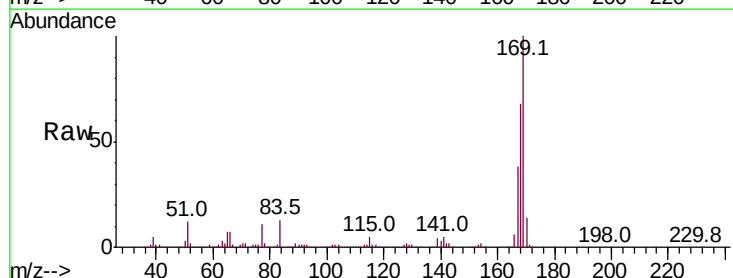


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

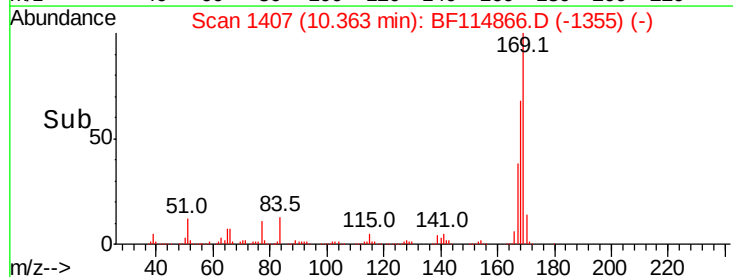
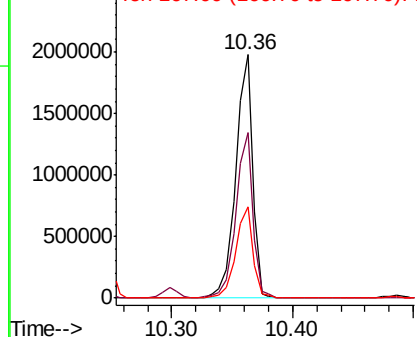


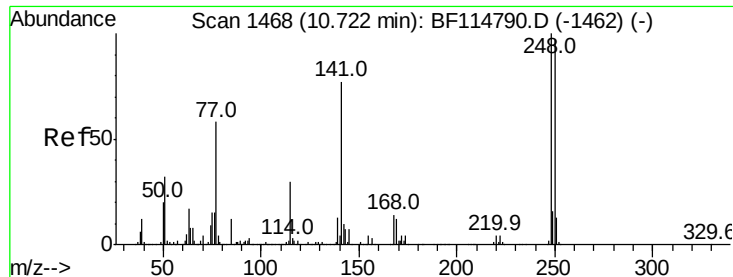
#66
n-Nitrosodiphenylamine
Concen: 45.979 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.01 min
Lab File: BF114866.D
Acq: 6 Jun 2019 16:55

Tgt Ion:169 Resp: 1933316
Ion Ratio Lower Upper
169 100
168 68.2 54.3 81.5
167 37.6 29.9 44.9



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

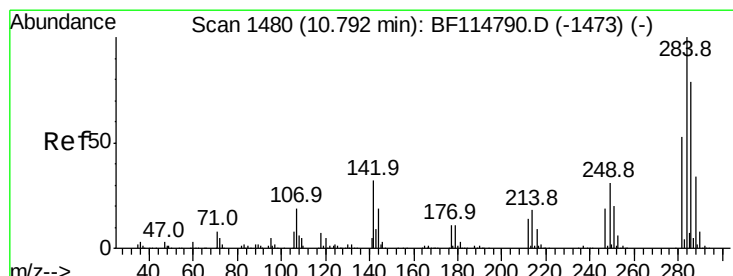
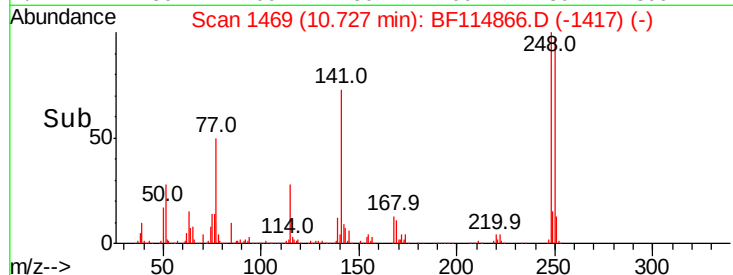
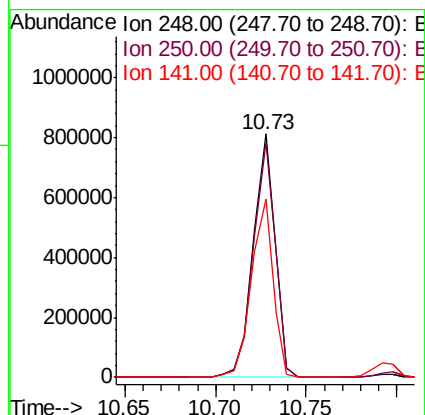
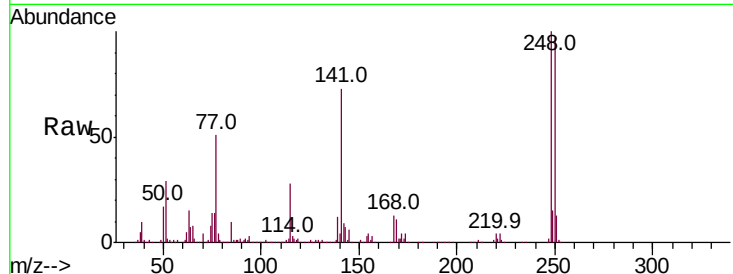




#67
4-Bromophenyl-phenylether
Concen: 43.117 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.01 min
Lab File: BF114866.D
Acq: 6 Jun 2019 16:55

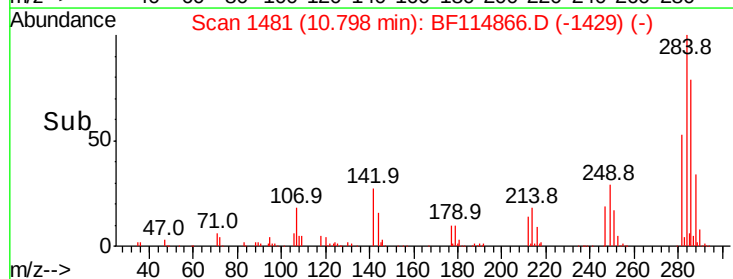
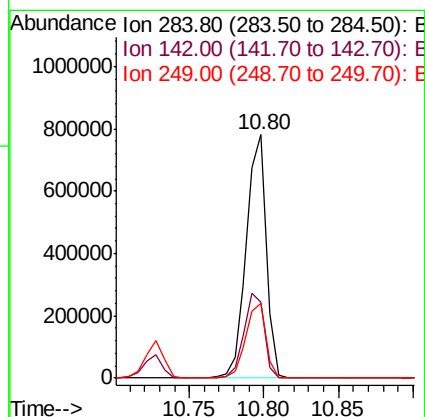
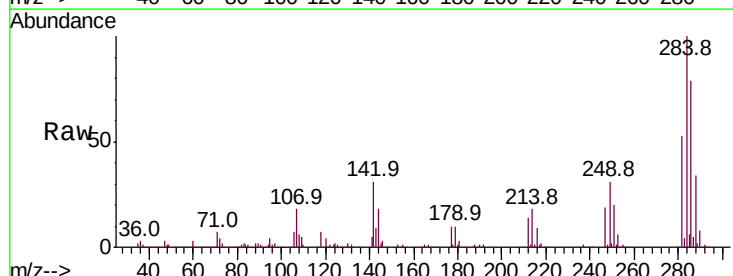
Instrument :
BNA_F
ClientSampleId :
PB120321BS

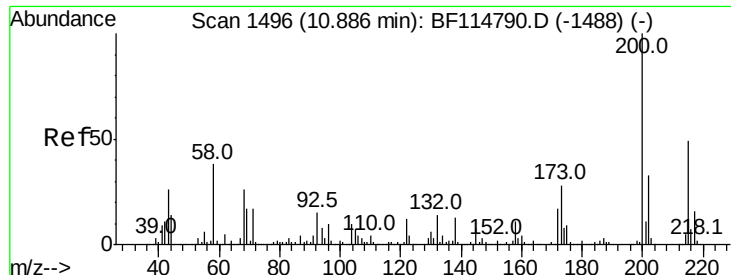
Tot Ion:248 Resp: 680965
Ion Ratio Lower Upper
248 100
250 96.6 77.5 116.3
141 73.1 61.8 92.8



#68
Hexachlorobenzene
Concen: 42.080 ng
RT: 10.80 min Scan# 1481
Delta R.T. 0.01 min
Lab File: BF114866.D
Acq: 6 Jun 2019 16:55

Tgt Ion:284 Resp: 727348
Ion Ratio Lower Upper
284 100
142 31.0 25.3 37.9
249 30.6 24.9 37.3





#69

Atrazine

Concen: 43.897 ng

RT: 10.89 min Scan# 1497

Delta R.T. 0.01 min

Lab File: BF114866.D

Acq: 6 Jun 2019 16:55

Instrument :

BNA_F

ClientSampleId :

PB120321BS

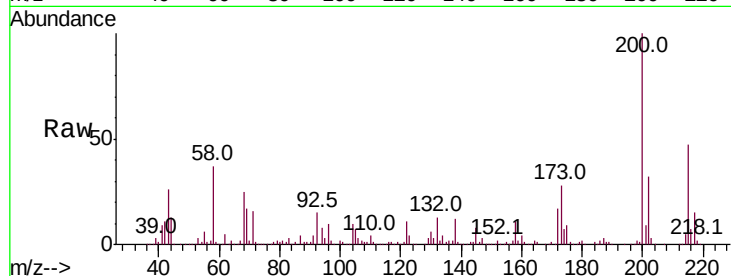
Tot Ion:200 Resp: 641947

Ion Ratio Lower Upper

200 100

173 27.8 8.0 48.0

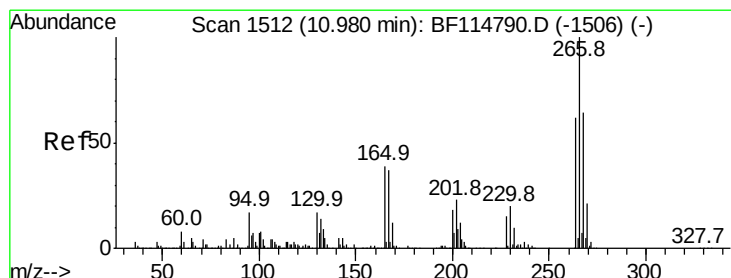
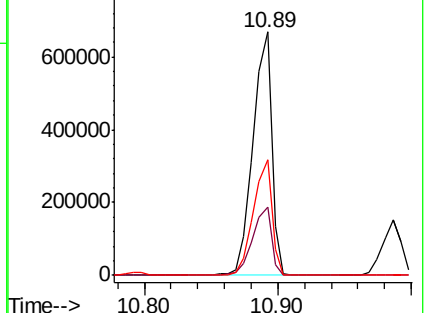
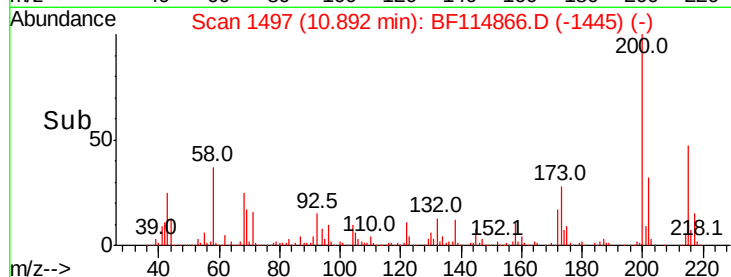
215 47.5 28.7 68.7



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 82.991 ng

RT: 10.99 min Scan# 1513

Delta R.T. 0.01 min

Lab File: BF114866.D

Acq: 6 Jun 2019 16:55

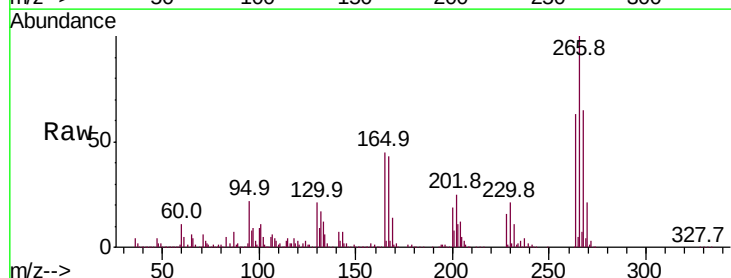
Tgt Ion:266 Resp: 829264

Ion Ratio Lower Upper

266 100

268 65.0 51.0 76.6

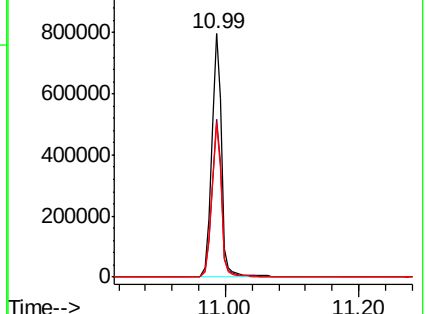
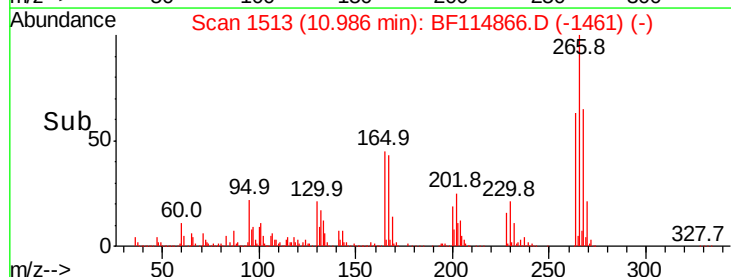
264 63.1 49.6 74.4

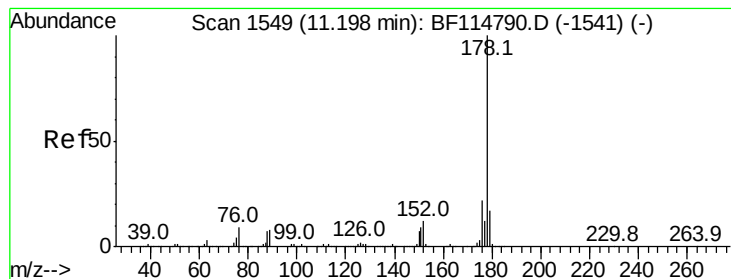


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 44.054 ng

RT: 11.20 min Scan# 1550

Delta R.T. 0.01 min

Lab File: BF114866.D

Acq: 6 Jun 2019 16:55

Instrument :

BNA_F

ClientSampleId :

PB120321BS

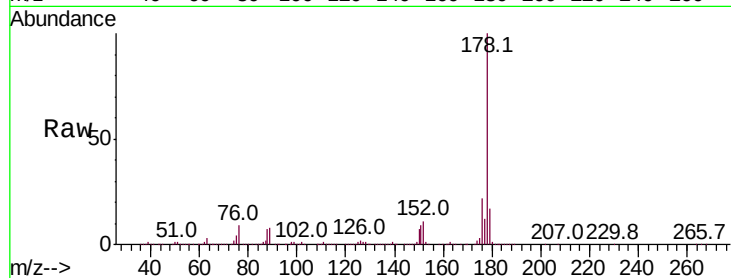
Tot Ion:178 Resp: 2924505

Ion Ratio Lower Upper

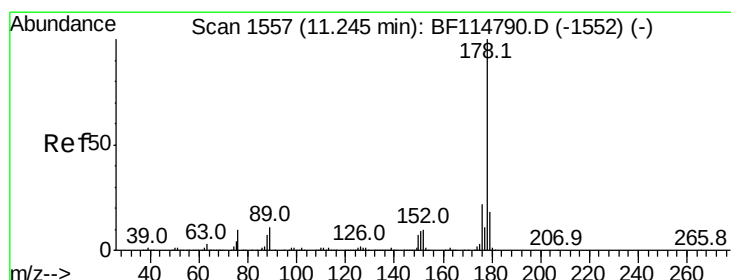
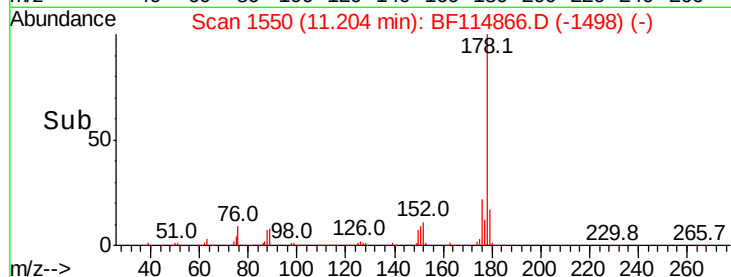
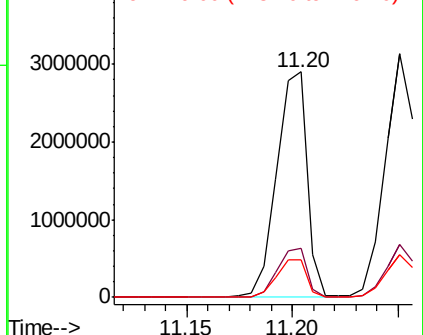
178 100

176 21.6 17.7 26.5

179 16.8 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: 43.371 ng

RT: 11.25 min Scan# 1558

Delta R.T. 0.01 min

Lab File: BF114866.D

Acq: 6 Jun 2019 16:55

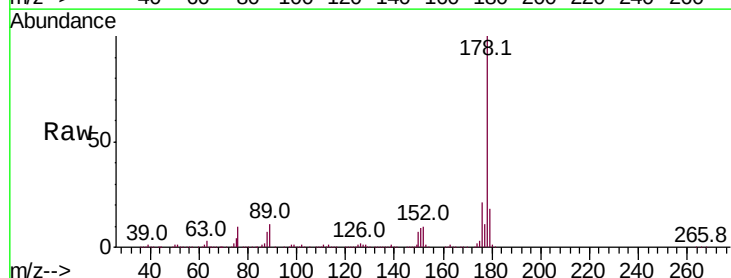
Tgt Ion:178 Resp: 3030048

Ion Ratio Lower Upper

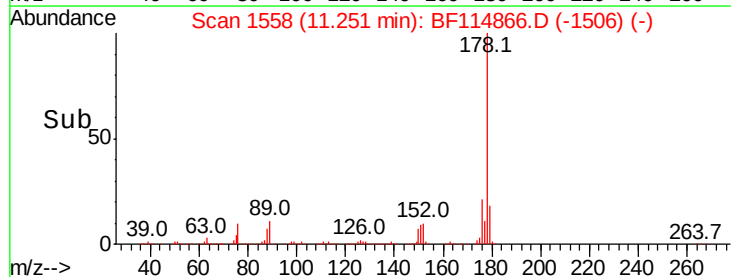
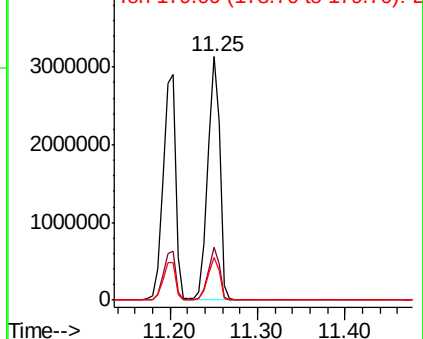
178 100

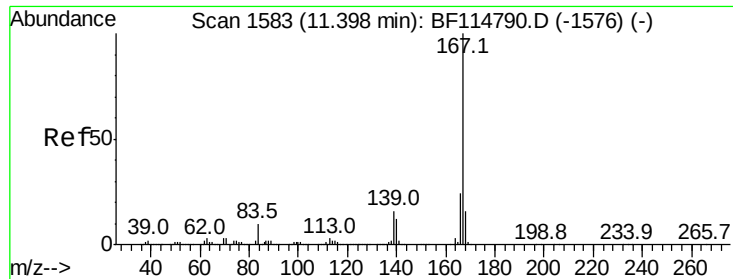
176 21.5 17.4 26.0

179 17.6 14.2 21.4



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





#73

Carbazole

Concen: 45.113 ng

RT: 11.40 min Scan# 1584

Delta R.T. 0.01 min

Lab File: BF114866.D

Acq: 6 Jun 2019 16:55

Instrument :

BNA_F

ClientSampleId :

PB120321BS

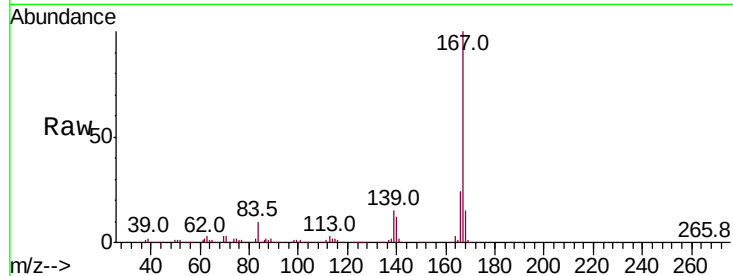
Tot Ion:167 Resp: 2701830

Ion Ratio Lower Upper

167 100

166 24.2 19.1 28.7

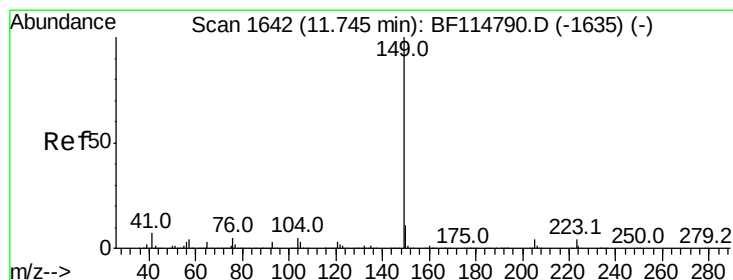
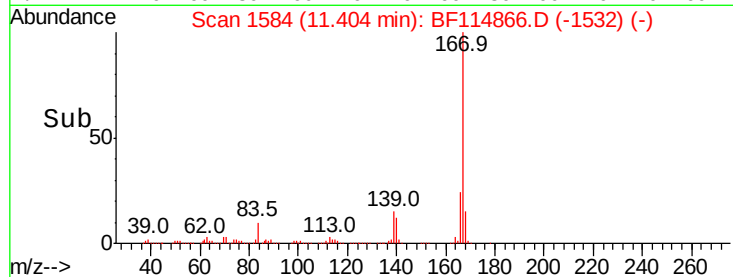
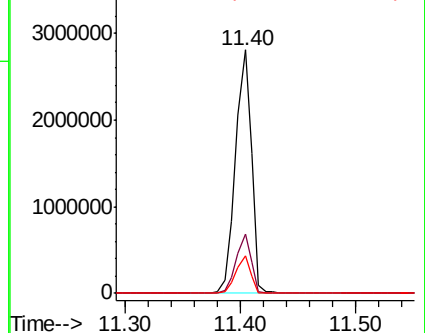
139 15.4 12.4 18.6



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 42.996 ng

RT: 11.74 min Scan# 1642

Delta R.T. 0.00 min

Lab File: BF114866.D

Acq: 6 Jun 2019 16:55

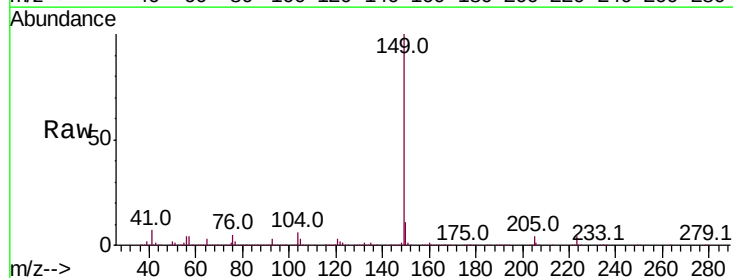
Tgt Ion:149 Resp: 3386830

Ion Ratio Lower Upper

149 100

150 11.0 8.9 13.3

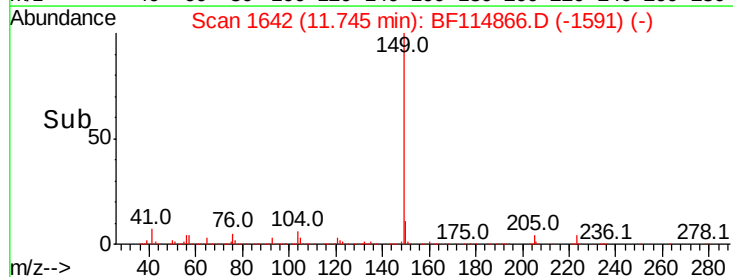
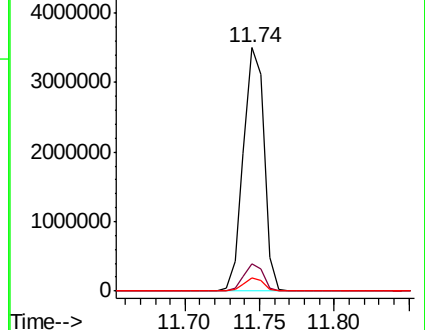
104 5.6 4.3 6.5

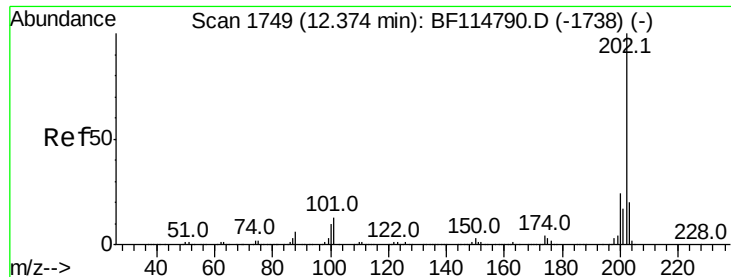


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 41.726 ng

RT: 12.38 min Scan# 1750

Delta R.T. 0.01 min

Lab File: BF114866.D

Acq: 6 Jun 2019 16:55

Instrument :

BNA_F

ClientSampleId :

PB120321BS

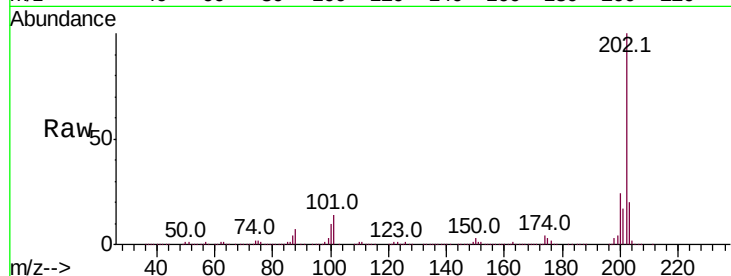
Tot Ion:202 Resp: 2882970

Ion Ratio Lower Upper

202 100

101 13.7 0.0 32.8

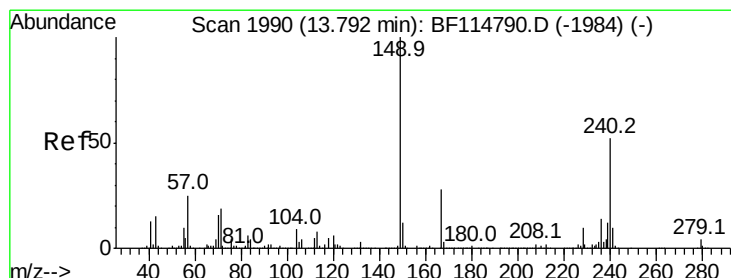
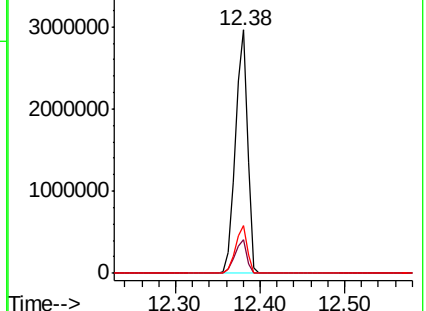
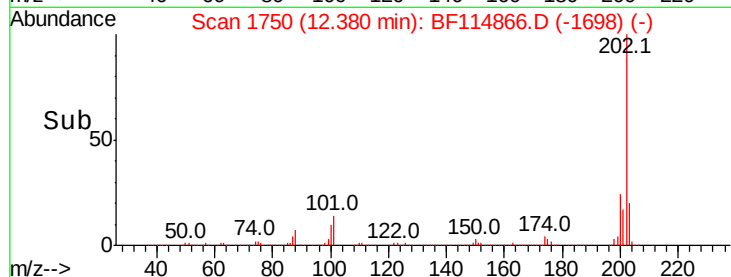
203 19.7 0.2 40.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.80 min Scan# 1991

Delta R.T. 0.01 min

Lab File: BF114866.D

Acq: 6 Jun 2019 16:55

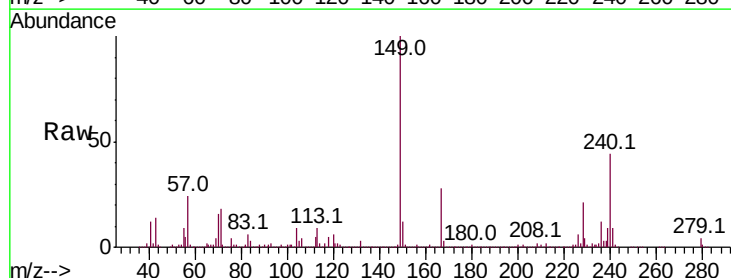
Tgt Ion:240 Resp: 738670

Ion Ratio Lower Upper

240 100

120 12.5 9.0 13.4

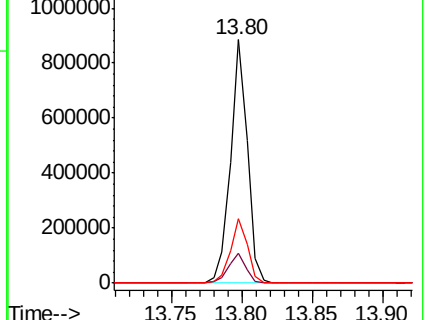
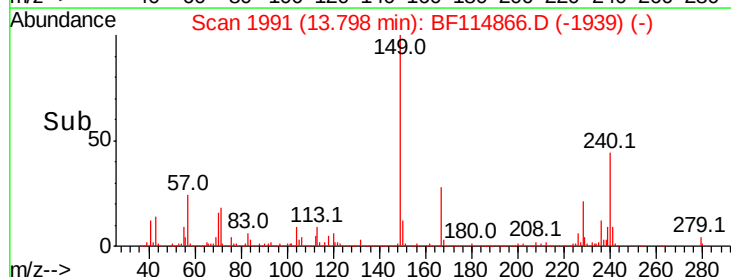
236 26.6 21.4 32.0

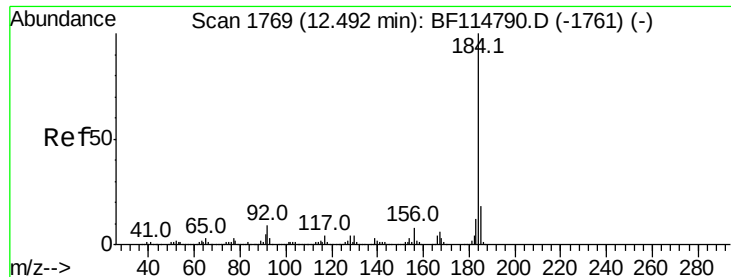


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 39.960 ng

RT: 12.50 min Scan# 1770

Delta R.T. 0.01 min

Lab File: BF114866.D

Acq: 6 Jun 2019 16:55

Instrument :

BNA_F

ClientSampleId :

PB120321BS

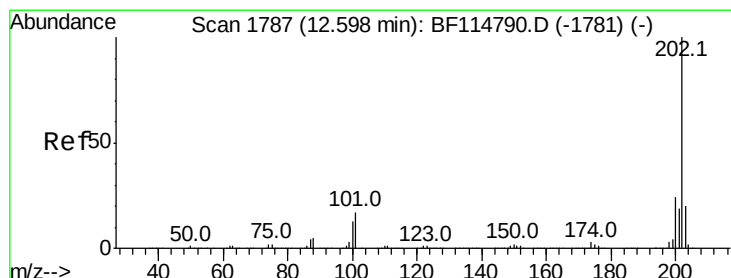
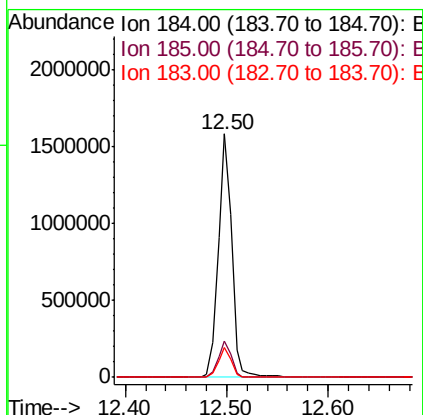
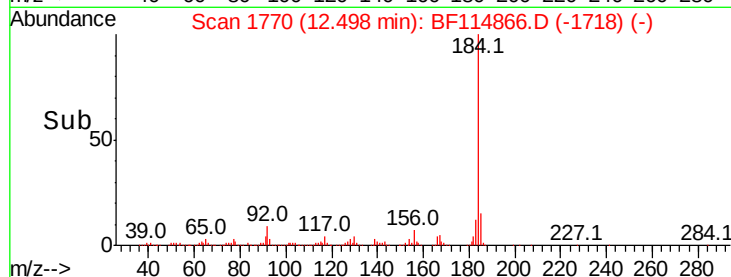
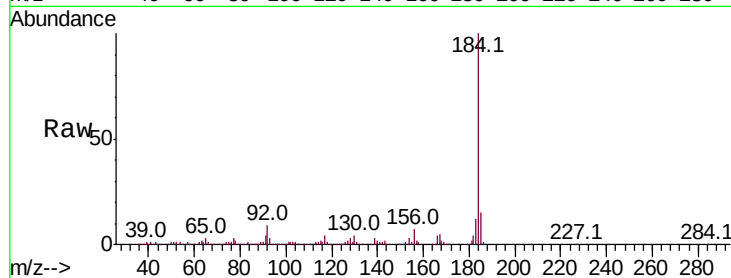
Tot Ion:184 Resp: 1461272

Ion Ratio Lower Upper

184 100

185 15.0 14.1 21.1

183 12.1 9.9 14.9



#78

Pyrene

Concen: 45.639 ng

RT: 12.60 min Scan# 1788

Delta R.T. 0.01 min

Lab File: BF114866.D

Acq: 6 Jun 2019 16:55

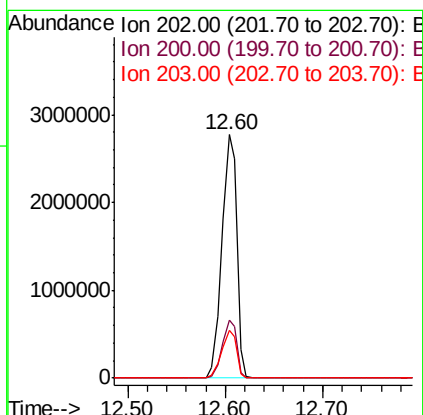
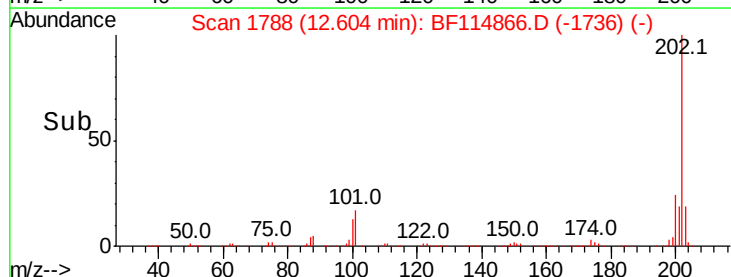
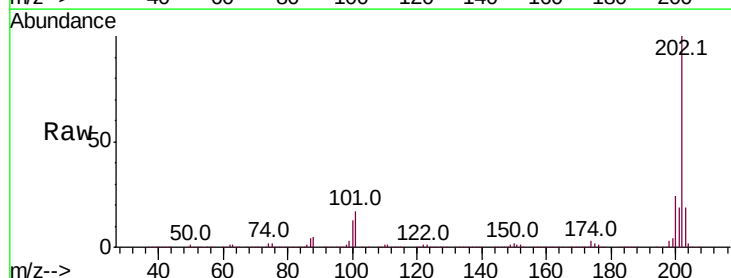
Tgt Ion:202 Resp: 2924558

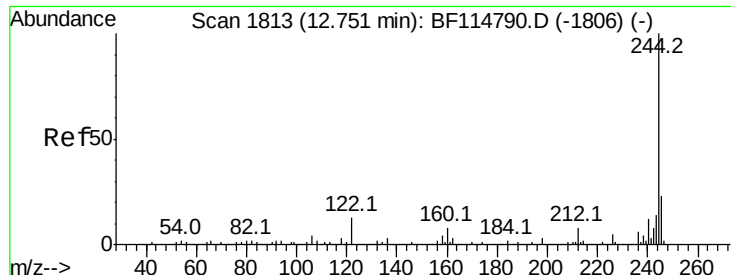
Ion Ratio Lower Upper

202 100

200 24.0 19.2 28.8

203 19.5 15.9 23.9





#79

Terphenyl-d14

Concen: 90.562 ng

RT: 12.76 min Scan# 1814

Delta R.T. 0.01 min

Lab File: BF114866.D

Acq: 6 Jun 2019 16:55

Instrument :

BNA_F

ClientSampleId :

PB120321BS

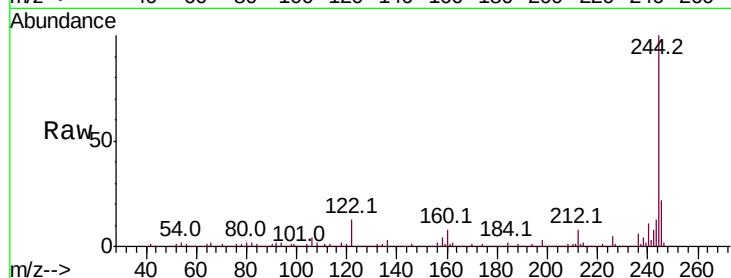
Tot Ion:244 Resp: 3439776

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

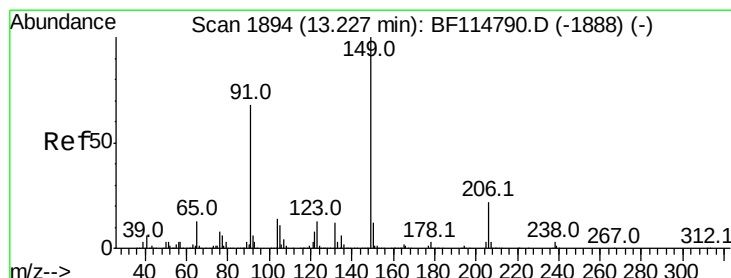
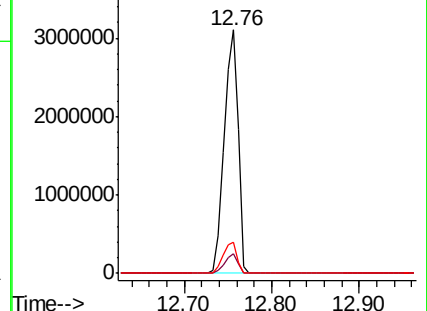
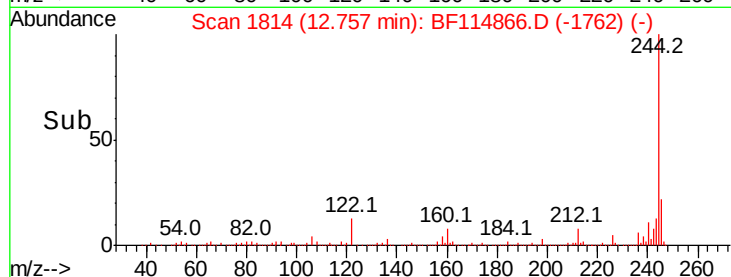
122 12.8 10.5 15.7



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: 47.254 ng

RT: 13.23 min Scan# 1895

Delta R.T. 0.01 min

Lab File: BF114866.D

Acq: 6 Jun 2019 16:55

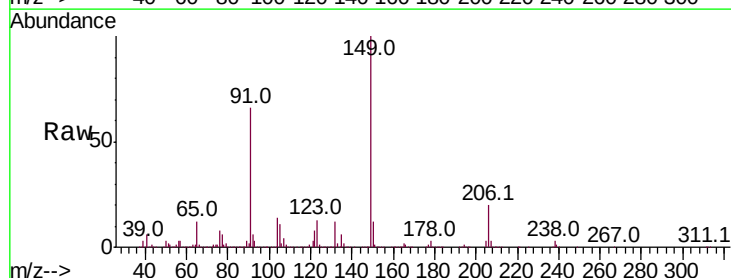
Tgt Ion:149 Resp: 1529101

Ion Ratio Lower Upper

149 100

91 66.4 54.6 82.0

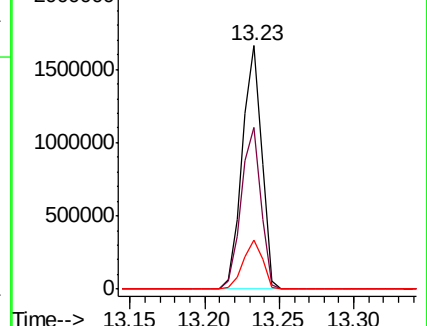
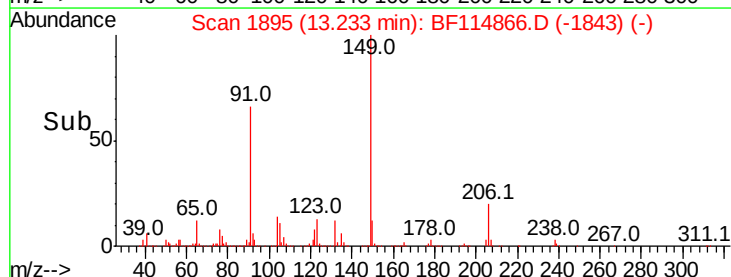
206 20.4 17.2 25.8

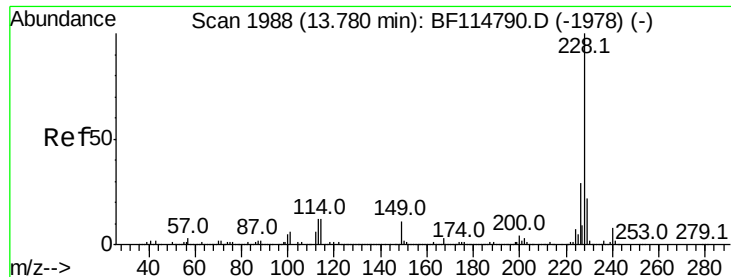


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.999 ng

RT: 13.79 min Scan# 1989

Delta R.T. 0.01 min

Lab File: BF114866.D

Acq: 6 Jun 2019 16:55

Instrument :

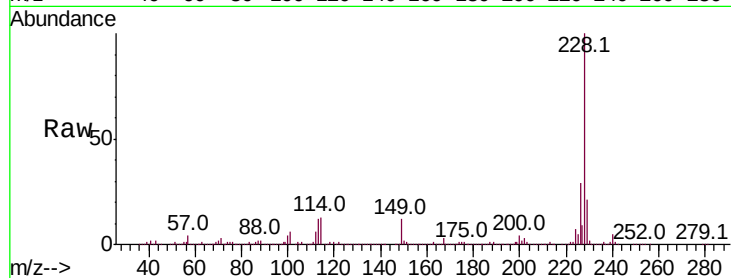
BNA_F

ClientSampleId :

PB120321BS

Tot Ion:228 Resp: 2447600

Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.4	35.2
229	21.4	17.4	26.0

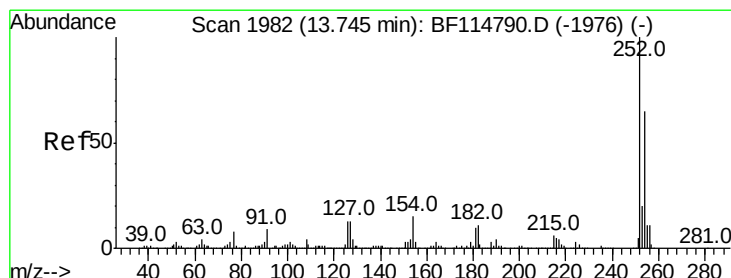
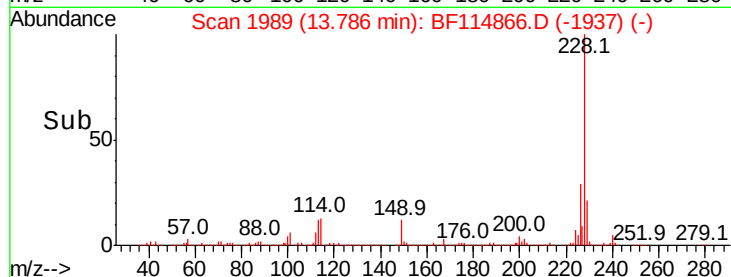
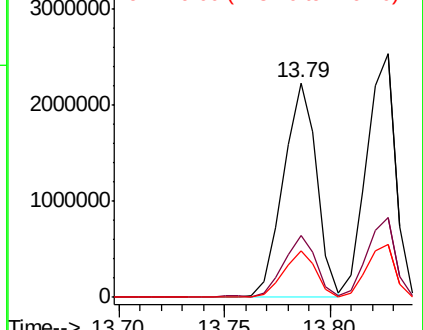


Abundance

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: 33.437 ng

RT: 13.75 min Scan# 1983

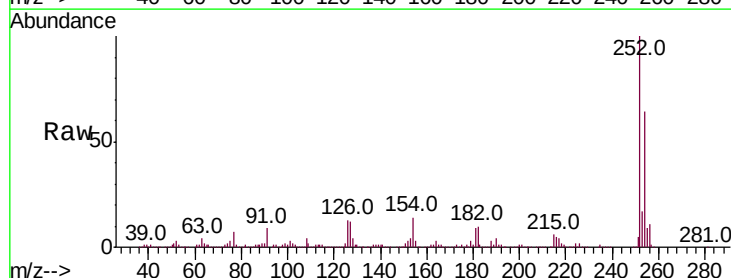
Delta R.T. 0.01 min

Lab File: BF114866.D

Acq: 6 Jun 2019 16:55

Tgt Ion:252 Resp: 771778

Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.9	77.9
126	13.0	10.5	15.7

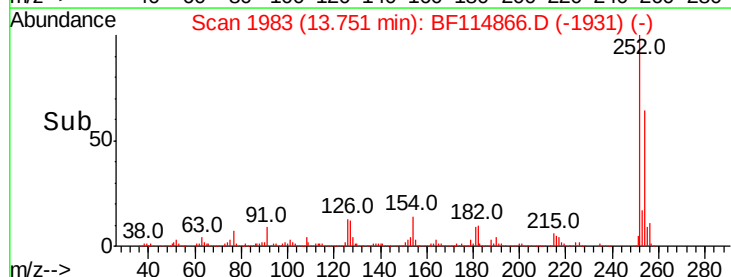
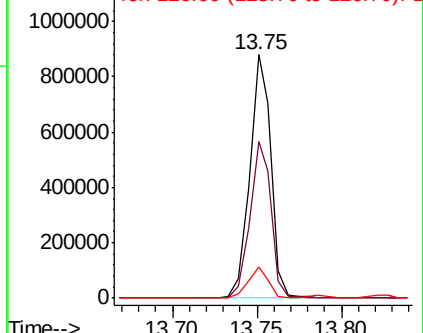


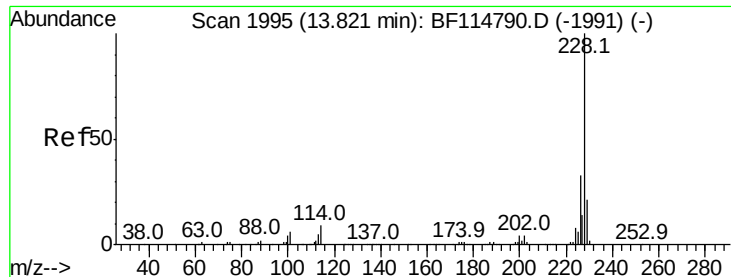
Abundance

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: 43.802 ng

RT: 13.83 min Scan# 1996

Delta R.T. 0.01 min

Lab File: BF114866.D

Acq: 6 Jun 2019 16:55

Instrument :

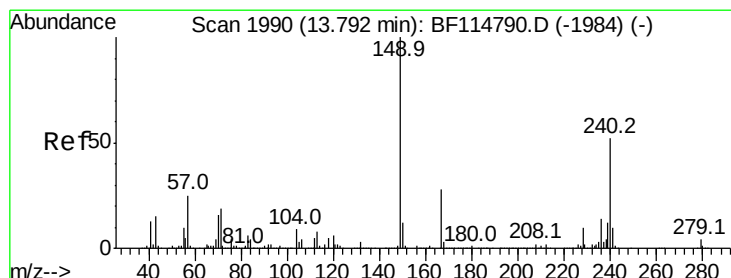
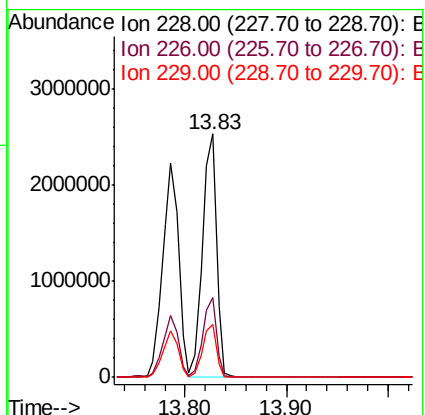
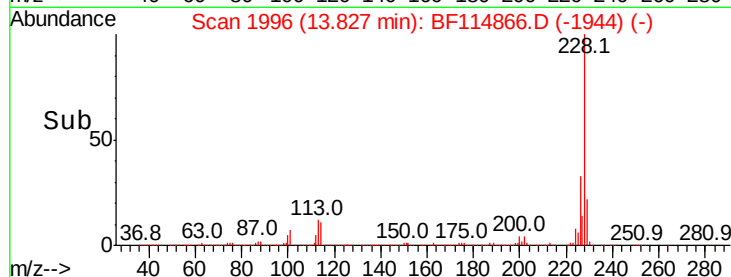
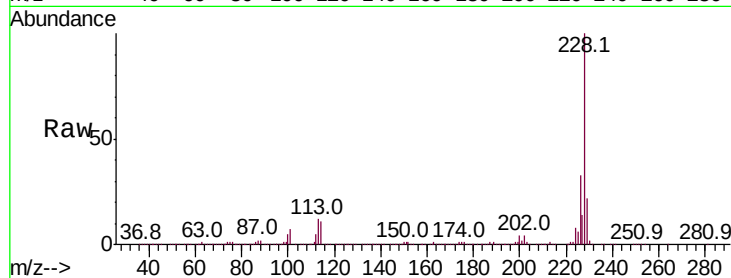
BNA_F

ClientSampleId :

PB120321BS

Tot Ion:228 Resp: 2425481

Ion	Ratio	Lower	Upper
228	100		
226	33.0	26.0	39.0
229	21.5	17.1	25.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.240 ng

RT: 13.80 min Scan# 1991

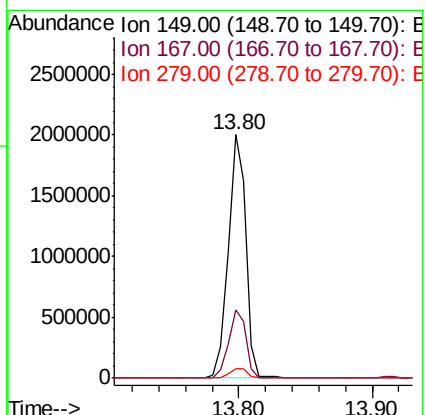
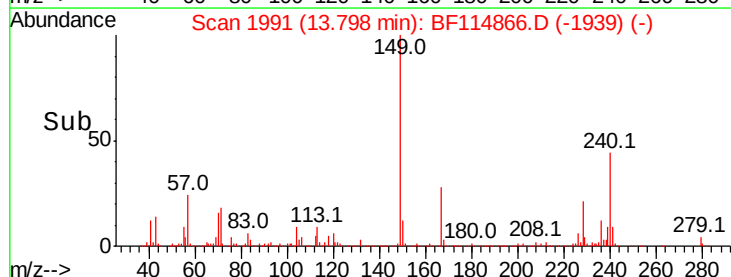
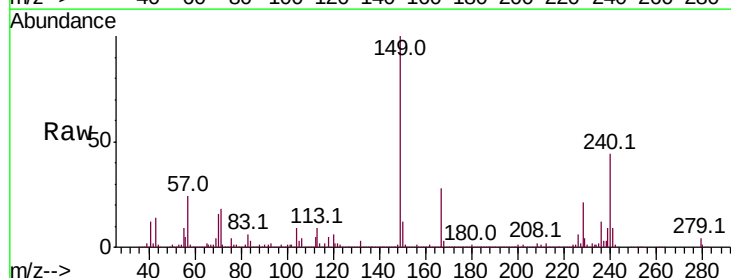
Delta R.T. 0.01 min

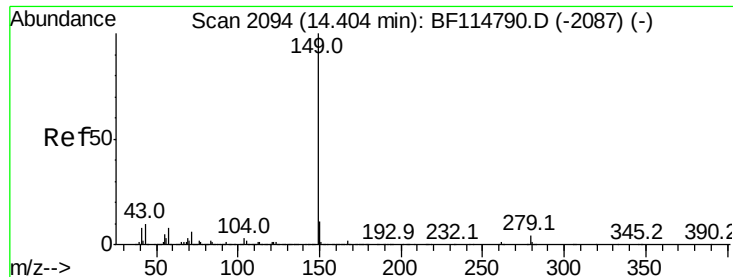
Lab File: BF114866.D

Acq: 6 Jun 2019 16:55

Tgt Ion:149 Resp: 1851118

Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.7	34.1
279	4.0	3.1	4.7





#85

Di-n-octyl phthalate

Concen: 45.842 ng

RT: 14.40 min Scan# 2094

Delta R.T. 0.00 min

Lab File: BF114866.D

Acq: 6 Jun 2019 16:55

Instrument :

BNA_F

ClientSampleId :

PB120321BS

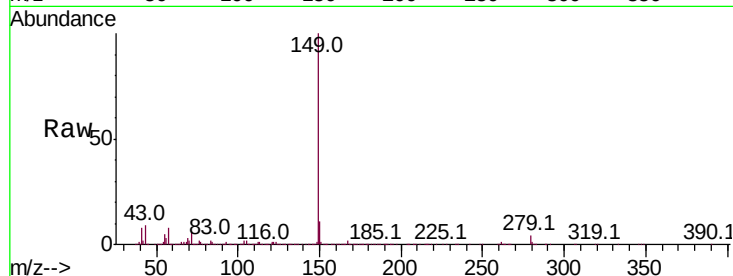
Tot Ion:149 Resp: 3187269

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

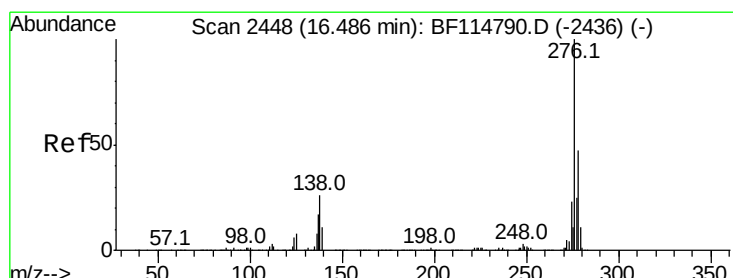
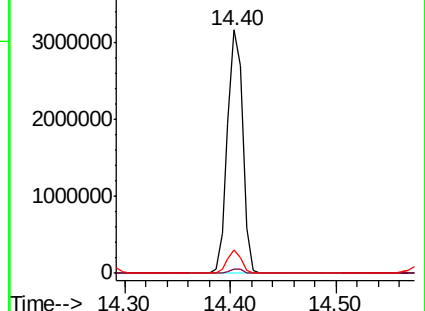
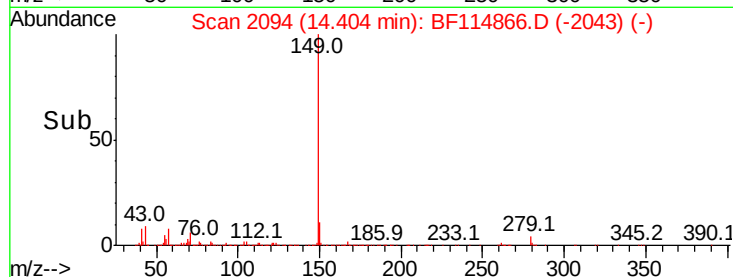
43 8.5 7.0 10.6



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: 38.404 ng

RT: 16.49 min Scan# 2448

Delta R.T. 0.01 min

Lab File: BF114866.D

Acq: 6 Jun 2019 16:55

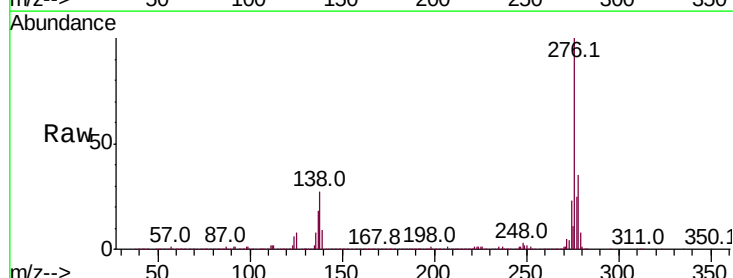
Tgt Ion:276 Resp: 2426426

Ion Ratio Lower Upper

276 100

138 28.9 22.2 33.4

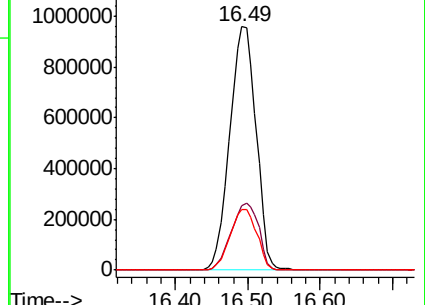
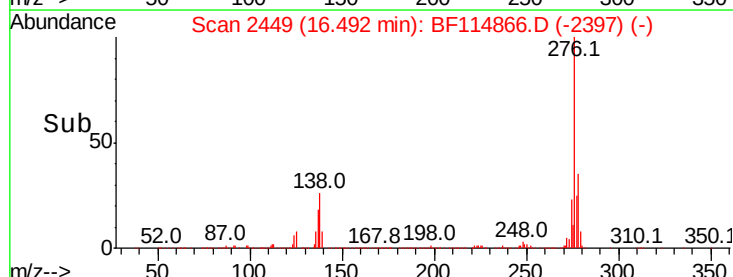
277 25.5 20.6 30.8

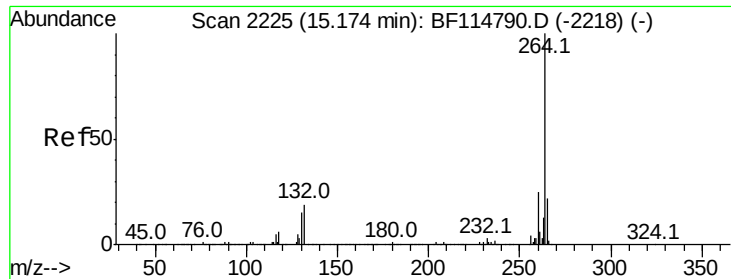


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



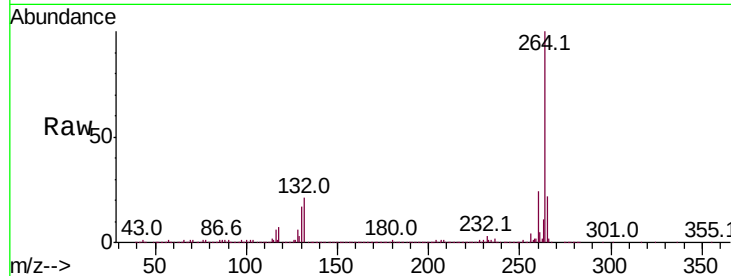


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.17 min Scan# 2225
Delta R.T. 0.00 min
Lab File: BF114866.D
Acq: 6 Jun 2019 16:55

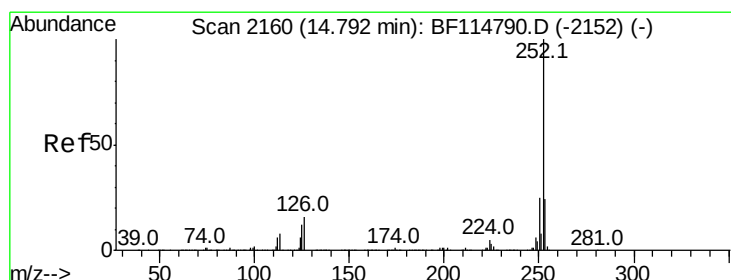
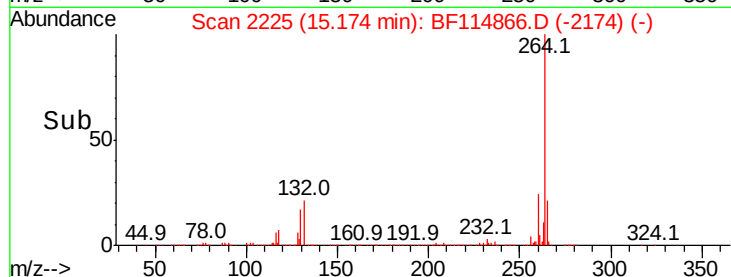
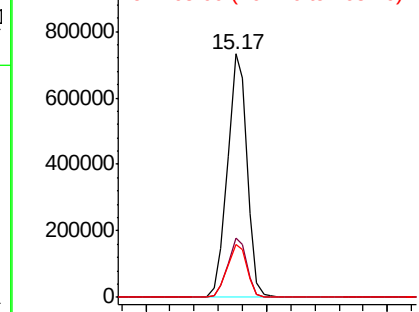
Instrument :
BNA_F
ClientSampleId :
PB120321BS

Tot Ion:264 Resp: 816519

Ion	Ratio	Lower	Upper
264	100		
260	24.5	20.1	30.1
265	21.8	17.7	26.5



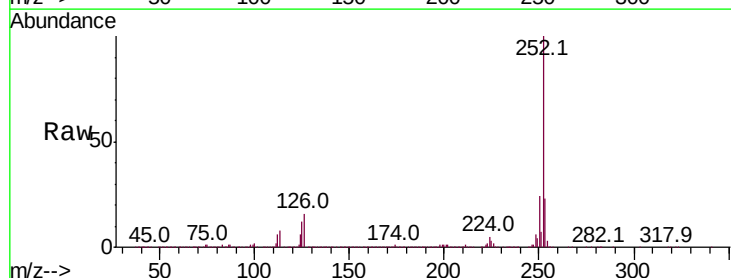
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



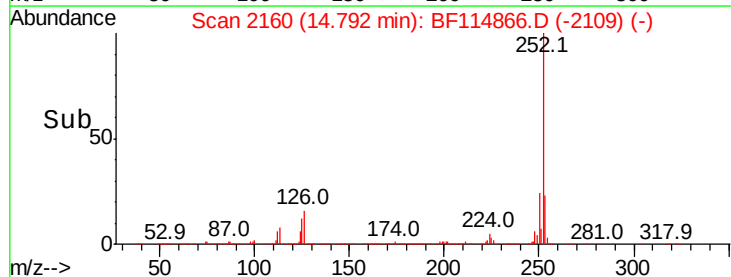
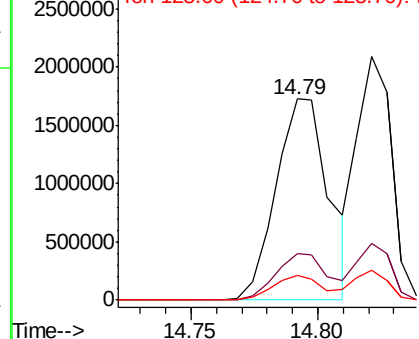
#88
Benzo(b)fluoranthene
Concen: 48.201 ng
RT: 14.79 min Scan# 2160
Delta R.T. 0.00 min
Lab File: BF114866.D
Acq: 6 Jun 2019 16:55

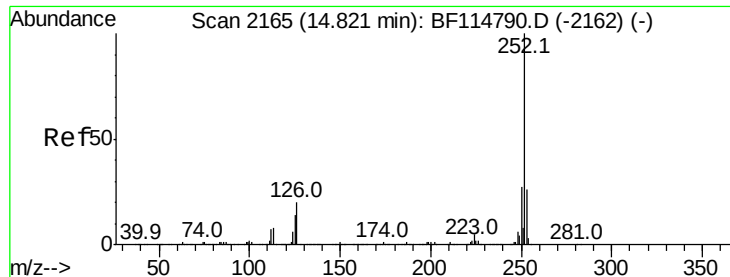
Tgt Ion:252 Resp: 2505509

Ion	Ratio	Lower	Upper
252	100		
253	23.3	19.0	28.6
125	12.4	9.4	14.0



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

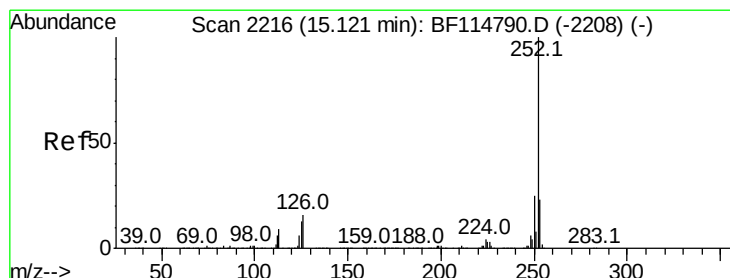
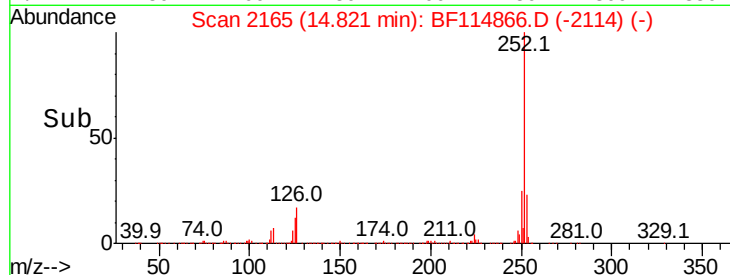
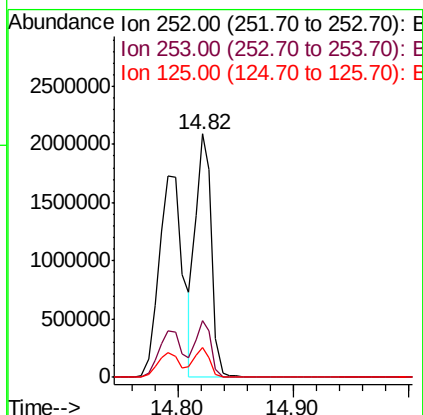
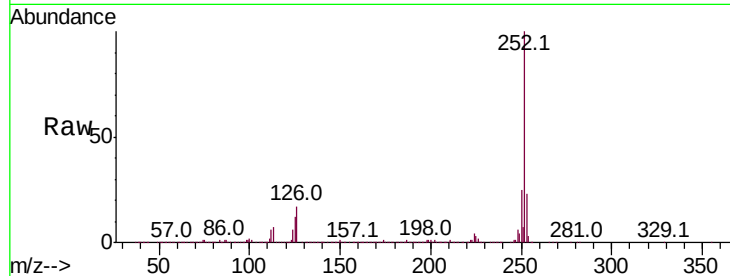




#89
Benzo(k)fluoranthene
Concen: 45.460 ng
RT: 14.82 min Scan# 2165
Delta R.T. 0.00 min
Lab File: BF114866.D
Acq: 6 Jun 2019 16:55

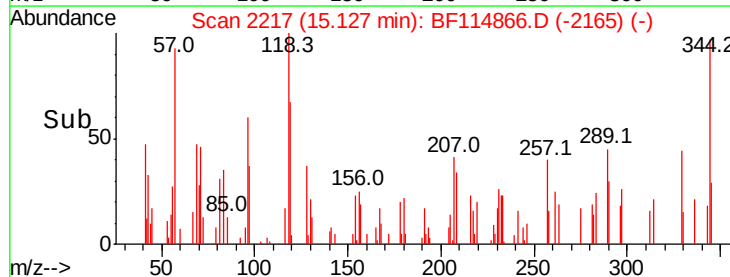
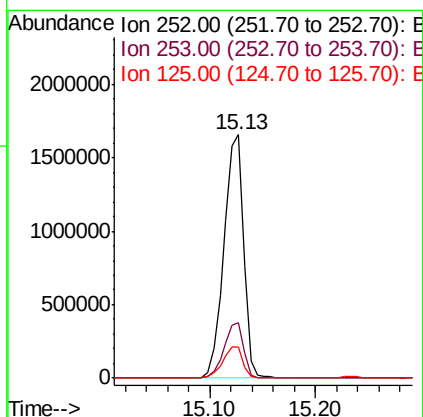
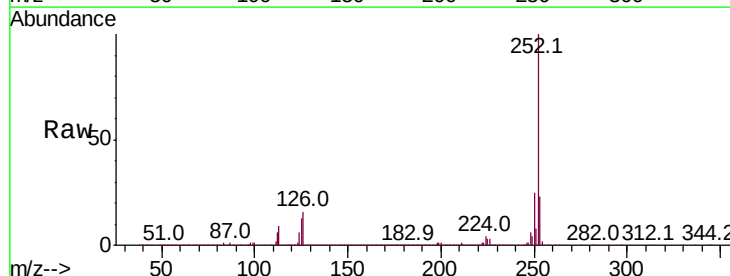
Instrument :
BNA_F
ClientSampleId :
PB120321BS

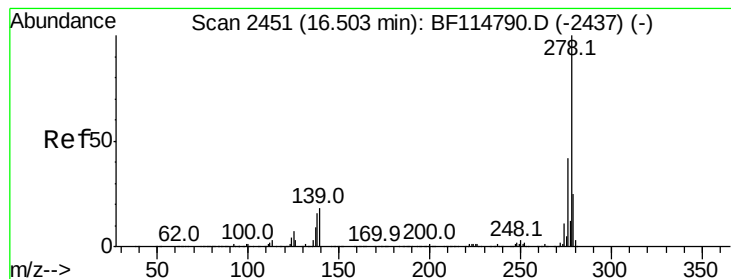
Tot Ion:252 Resp: 2006761
Ion Ratio Lower Upper
252 100
253 23.2 19.3 28.9
125 12.1 10.1 15.1



#90
Benzo(a)pyrene
Concen: 47.571 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF114866.D
Acq: 6 Jun 2019 16:55

Tgt Ion:252 Resp: 2140304
Ion Ratio Lower Upper
252 100
253 23.0 18.5 27.7
125 12.6 10.1 15.1





#91

Dibenzo(a,h)anthracene

Concen: 47.140 ng

RT: 16.51 min Scan# 2452

Delta R.T. 0.01 min

Lab File: BF114866.D

Acq: 6 Jun 2019 16:55

Instrument :

BNA_F

ClientSampleId :

PB120321BS

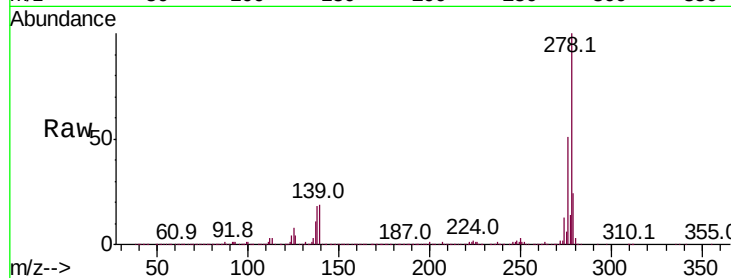
Tot Ion:278 Resp: 2008537

Ion	Ratio	Lower	Upper
278	100		
139	19.0	14.6	22.0
279	24.4	20.1	30.1

278 100

139 19.0 14.6 22.0

279 24.4 20.1 30.1

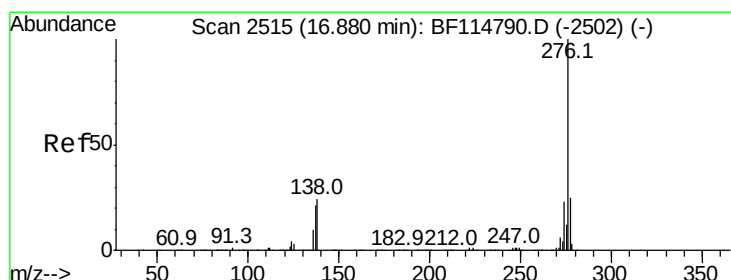
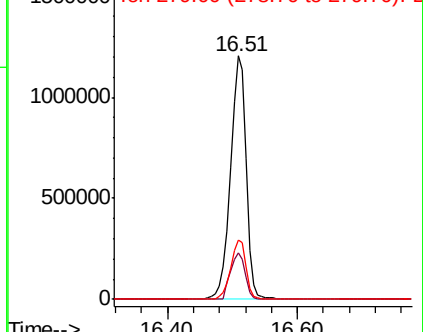
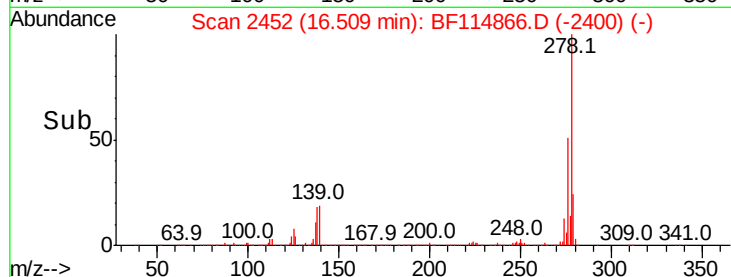


Abundance

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: 48.294 ng

RT: 16.89 min Scan# 2517

Delta R.T. 0.01 min

Lab File: BF114866.D

Acq: 6 Jun 2019 16:55

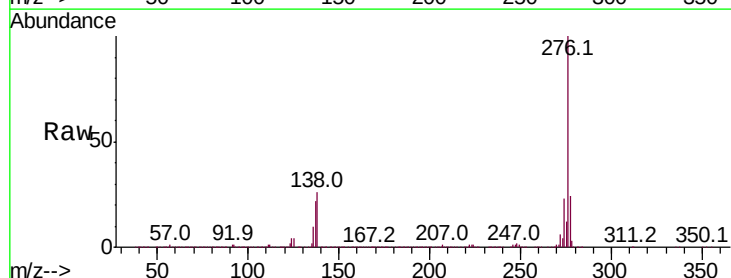
Tgt Ion:276 Resp: 2069260

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.8	29.6
138	25.5	19.4	29.2

276 100

277 24.3 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

