

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
 Data File : BF116109.D
 Acq On : 9 Aug 2019 13:25
 Operator : HP/JU
 Sample : K4219-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 10 02:11:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	121518	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	478318	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	257355	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	460184	20.00	ng	0.00
76) Chrysene-d12	14.00	240	354987	20.00	ng	0.00
87) Perylene-d12	15.47	264	316283	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	907581	125.03	ng	0.00
7) Phenol-d6	6.49	99	1197967	130.81	ng	0.00
23) Nitrobenzene-d5	7.40	82	749780	90.48	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	330315	132.38	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1134245	82.55	ng	-0.01
79) Terphenyl-d14	12.94	244	1456695	86.47	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.62	88	115049	31.373	ng	98
3) Pyridine	3.39	79	306723	29.942	ng	98
4) n-Nitrosodimethylamine	3.32	42	140799	34.829	ng	99
6) Aniline	6.50	93	324526	24.743	ng	# 88
8) 2-Chlorophenol	6.63	128	328753	40.957	ng	96
9) Benzaldehyde	6.39	77	166773	26.392	ng	99
10) Phenol	6.50	94	498625	46.234	ng	91
11) bis(2-Chloroethyl)ether	6.57	93	314116	39.615	ng	99
12) 1,3-Dichlorobenzene	6.78	146	348588	37.577	ng	98
13) 1,4-Dichlorobenzene	6.86	146	357342	38.472	ng	98
14) 1,2-Dichlorobenzene	7.01	146	328804	38.445	ng	99
15) Benzyl Alcohol	6.99	79	280844	40.408	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.11	45	411727	38.069	ng	89
17) 2-Methylphenol	7.10	107	278572	40.986	ng	99
18) Hexachloroethane	7.35	117	127791	37.368	ng	97
19) n-Nitroso-di-n-propylamine	7.25	70	225135	39.670	ng	98
20) 3+4-Methylphenols	7.25	107	345578	42.966	ng	91
22) Acetophenone	7.25	105	447137	42.624	ng	98
24) Nitrobenzene	7.42	77	364241	40.709	ng	98
25) Isophorone	7.66	82	656818	41.453	ng	98
26) 2-Nitrophenol	7.74	139	180244	42.736	ng	96
27) 2,4-Dimethylphenol	7.77	122	300180	47.307	ng	100
28) bis(2-Chloroethoxy)methane	7.86	93	405916	41.332	ng	99
29) 2,4-Dichlorophenol	7.99	162	291417	43.496	ng	97
30) 1,2,4-Trichlorobenzene	8.06	180	304795	39.909	ng	99
31) Naphthalene	8.14	128	947813	42.109	ng	99
32) Benzoic acid	7.90	122	15300	3.420	ng	85
33) 4-Chloroaniline	8.19	127	178891	17.788	ng	97
34) Hexachlorobutadiene	8.26	225	171414	38.967	ng	100
35) Caprolactam	8.56	113	39212	18.096	ng	95
36) 4-Chloro-3-methylphenol	8.68	107	305214	43.790	ng	98
37) 2-Methylnaphthalene	8.83	142	633479	42.734	ng	98
38) 1-Methylnaphthalene	8.93	142	598021	42.643	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	292438	42.505	ng	99

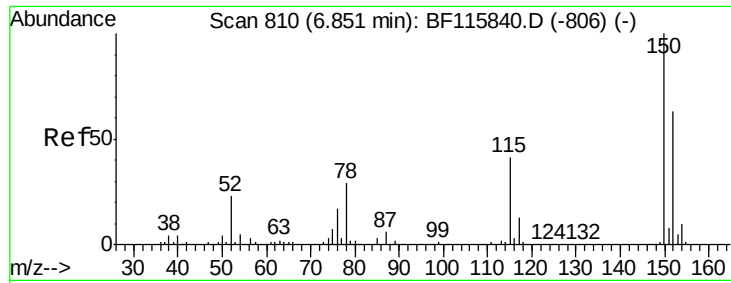
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	168382	56.402	ng	99
43) 2,4,6-Trichlorophenol	9.12	196	187495	39.592	ng	98
44) 2,4,5-Trichlorophenol	9.16	196	203011	41.471	ng	98
46) 1,1'-Biphenyl	9.29	154	787164	43.324	ng	99
47) 2-Chloronaphthalene	9.32	162	613532	40.572	ng	99
48) 2-Nitroaniline	9.42	65	204023	40.817	ng	98
49) Acenaphthylene	9.73	152	949811	43.052	ng	98
50) Dimethylphthalate	9.59	163	809857	46.217	ng	100
51) 2,6-Dinitrotoluene	9.66	165	166283	43.666	ng	99
52) Acenaphthene	9.91	154	565958	41.816	ng	99
53) 3-Nitroaniline	9.83	138	128342	27.276	ng	94
54) 2,4-Dinitrophenol	9.95	184	58584	35.106	ng	97
55) Dibenzofuran	10.08	168	827952	42.065	ng	99
56) 4-Nitrophenol	10.01	139	242267	80.374	ng	93
57) 2,4-Dinitrotoluene	10.07	165	217379	42.875	ng	98
58) Fluorene	10.42	166	669475	44.209	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	178438	43.326	ng	98
60) Diethylphthalate	10.29	149	710457	43.427	ng	99
61) 4-Chlorophenyl-phenylether	10.41	204	334884	43.665	ng	99
62) 4-Nitroaniline	10.45	138	203298	41.808	ng	99
63) Azobenzene	10.57	77	736144	43.747	ng	96
65) 4,6-Dinitro-2-methylphenol	10.49	198	81474	33.409	ng	94
66) n-Nitrosodiphenylamine	10.53	169	599192	43.260	ng	100
67) 4-Bromophenyl-phenylether	10.90	248	207424	42.106	ng	96
68) Hexachlorobenzene	10.97	284	234019	41.082	ng	97
69) Atrazine	11.06	200	197706	43.388	ng	98
70) Pentachlorophenol	11.17	266	159366	57.624	ng	99
71) Phenanthrene	11.39	178	1023813	43.519	ng	99
72) Anthracene	11.44	178	1080678	45.390	ng	99
73) Carbazole	11.59	167	992381	45.942	ng	100
74) Di-n-butylphthalate	11.92	149	1155365	45.851	ng	99
75) Fluoranthene	12.57	202	1123614	45.622	ng	98
77) Benzidine	12.69	184	463042	38.610	ng	97
78) Pyrene	12.80	202	1155141	43.168	ng	100
80) Butylbenzylphthalate	13.41	149	519147	45.864	ng	96
81) Benzo(a)anthracene	13.99	228	986972	43.499	ng	99
82) 3,3'-Dichlorobenzidine	13.95	252	210944	26.760	ng	98
83) Chrysene	14.03	228	968531	43.968	ng	98
84) Bis(2-ethylhexyl)phthalate	13.97	149	718934	48.876	ng	98
85) Di-n-octyl phthalate	14.58	149	1134184	48.544	ng	99
86) Indeno(1,2,3-cd)pyrene	16.94	276	833548	45.054	ng	100
88) Benzo(b)fluoranthene	15.04	252	839425	45.901	ng	100
89) Benzo(k)fluoranthene	15.07	252	772150	43.349	ng	98
90) Benzo(a)pyrene	15.41	252	752741	46.045	ng	99
91) Dibenzo(a,h)anthracene	16.95	278	692812	48.959	ng	99
92) Benzo(g,h,i)perylene	17.39	276	724424	52.126	ng	98

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

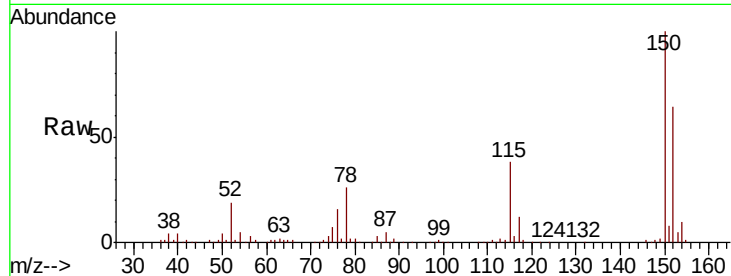


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF116109.D
Acq: 9 Aug 2019 13:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	126.2	189.2
115	59.9	49.9	74.9

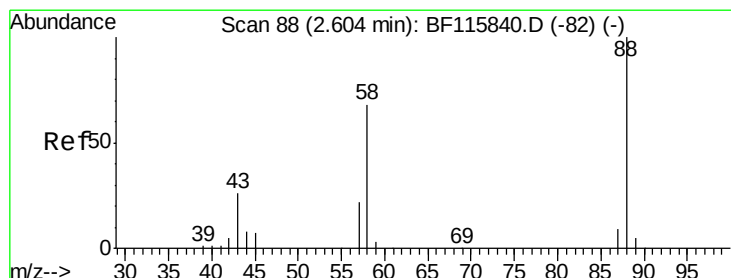
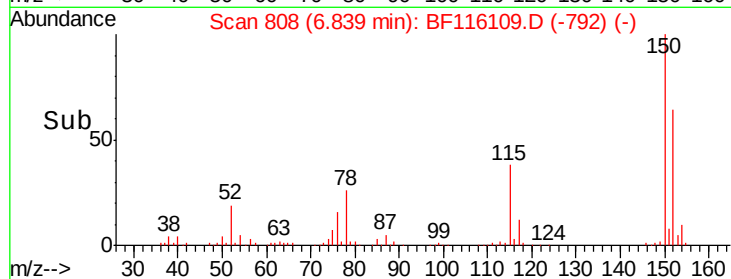
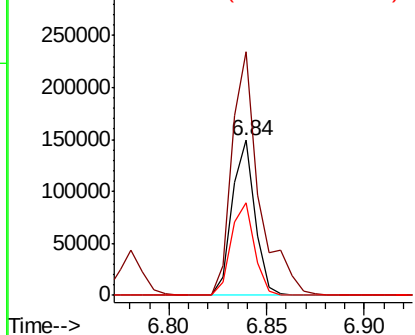


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

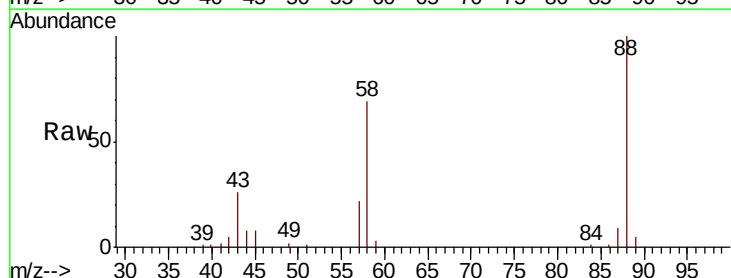
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 31.373 ng
RT: 2.62 min Scan# 91
Delta R.T. 0.01 min
Lab File: BF116109.D
Acq: 9 Aug 2019 13:25

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.0	53.7	80.5
43	25.8	21.0	31.4

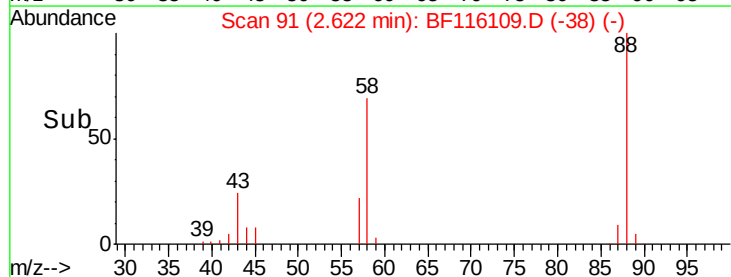
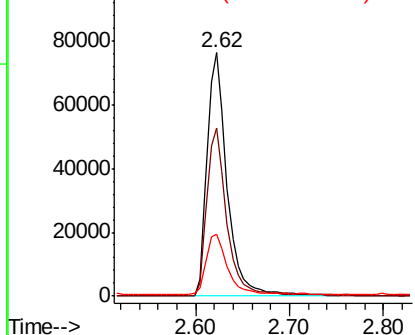


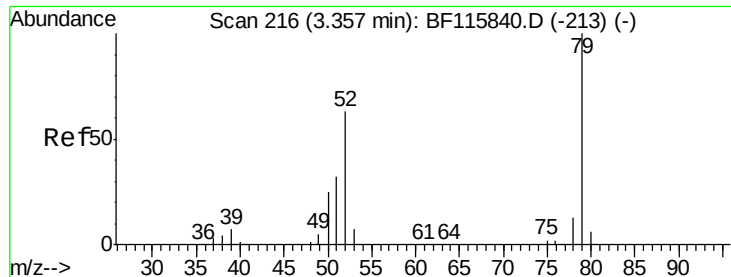
Abundance

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

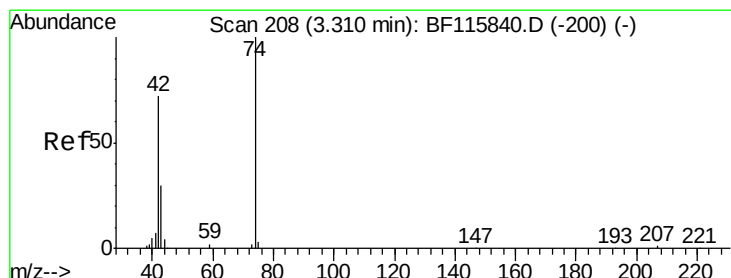
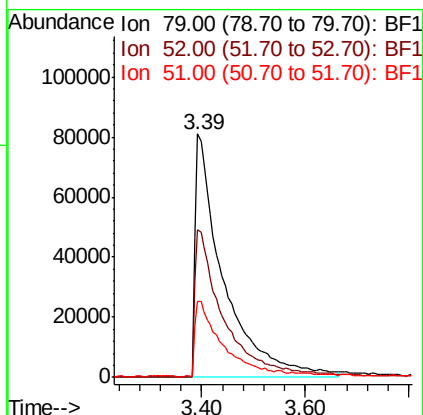
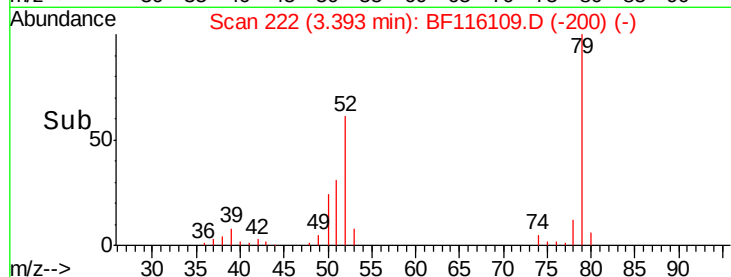
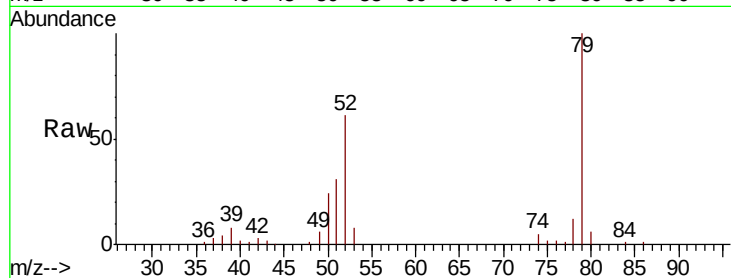




#3
 Pvridine
 Concen: 29.942 ng
 RT: 3.39 min Scan# 222
 Delta R.T. 0.03 min
 Lab File: BF116109.D
 Acq: 9 Aug 2019 13:25

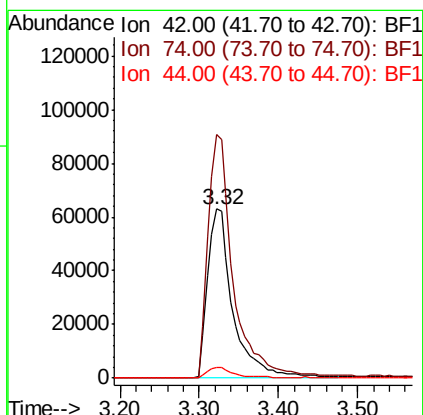
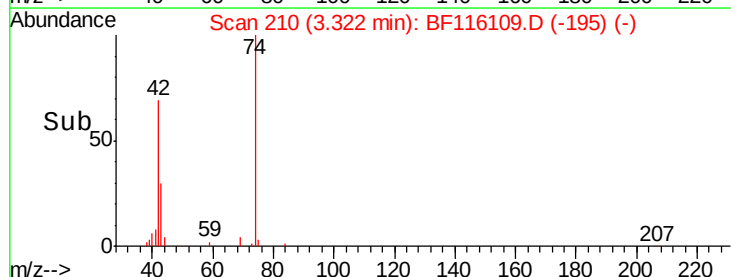
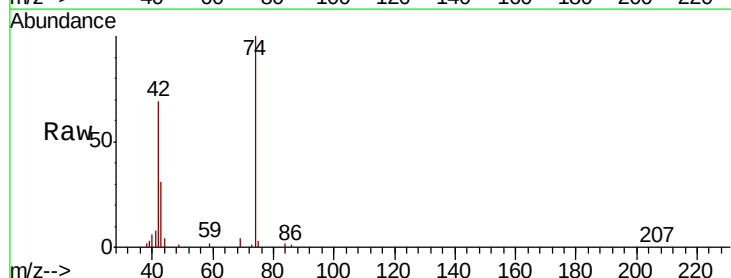
Instrument :
 BNA_F
 ClientSampleId :

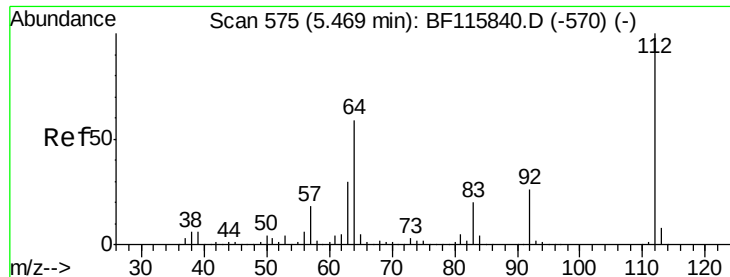
Tot Ion: 79 Resp: 306723
 Ion Ratio Lower Upper
 79 100
 52 60.6 49.8 74.8
 51 31.2 25.2 37.8



#4
 n-Nitrosodimethylamine
 Concen: 34.829 ng
 RT: 3.32 min Scan# 210
 Delta R.T. -0.01 min
 Lab File: BF116109.D
 Acq: 9 Aug 2019 13:25

Tgt Ion: 42 Resp: 140799
 Ion Ratio Lower Upper
 42 100
 74 144.1 116.0 174.0
 44 6.4 4.6 7.0





#5

2-Fluorophenol

Concen: 125.031 ng

RT: 5.47 min Scan# 575

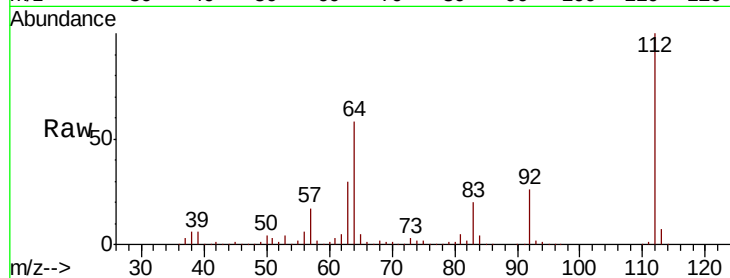
Delta R.T. -0.00 min

Lab File: BF116109.D

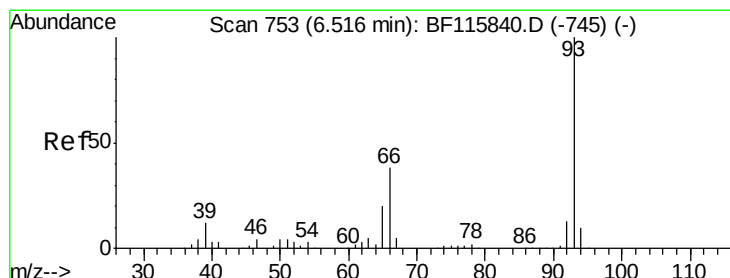
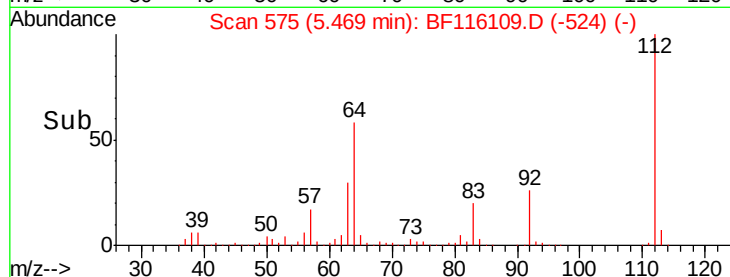
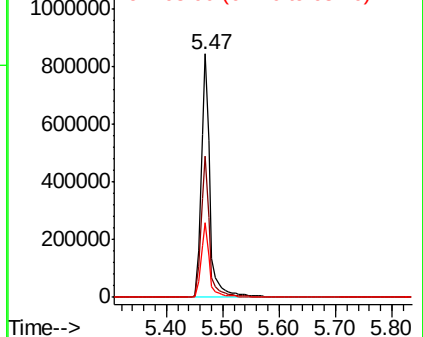
Acq: 9 Aug 2019 13:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	907581
Ion	Ratio	Lower	Upper
112	100		
64	57.8	45.4	68.2
63	30.5	23.7	35.5



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: 24.743 ng

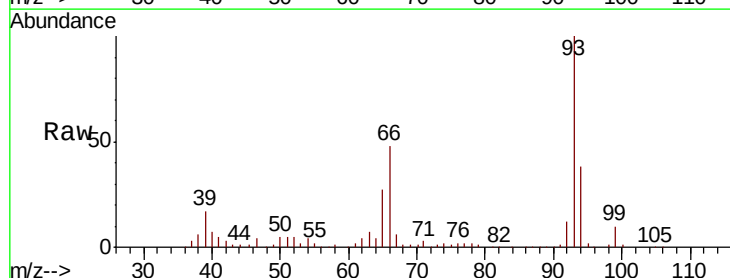
RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

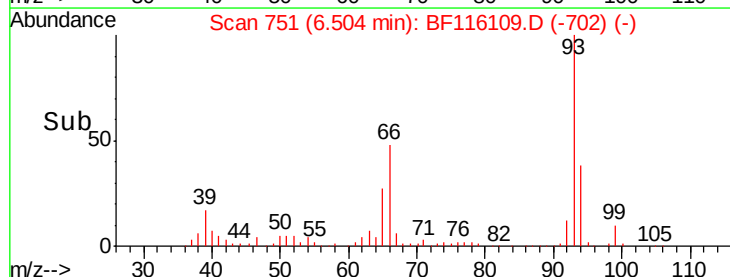
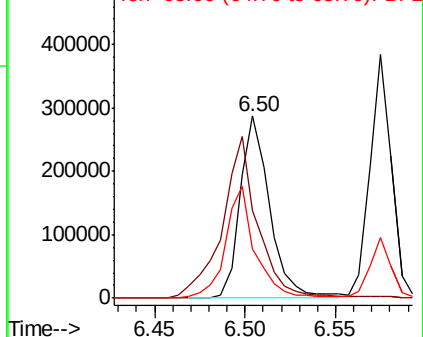
Lab File: BF116109.D

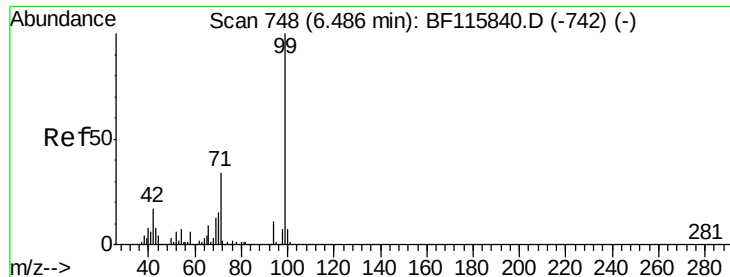
Acq: 9 Aug 2019 13:25

Tgt Ion:	93	Resp:	324526
Ion	Ratio	Lower	Upper
93	100		
66	48.1	32.2	48.4
65	26.7	17.0	25.6



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: 130.806 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF116109.D

Acq: 9 Aug 2019 13:25

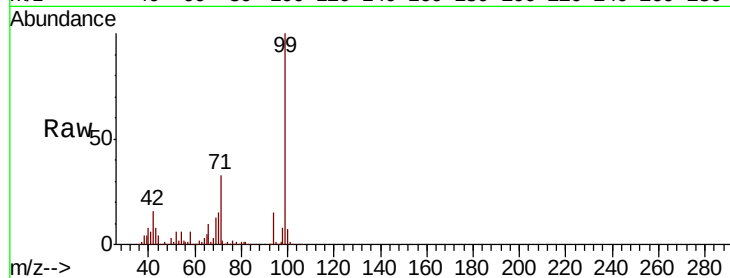
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1197967

Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.8	20.8
71	33.1	27.3	40.9

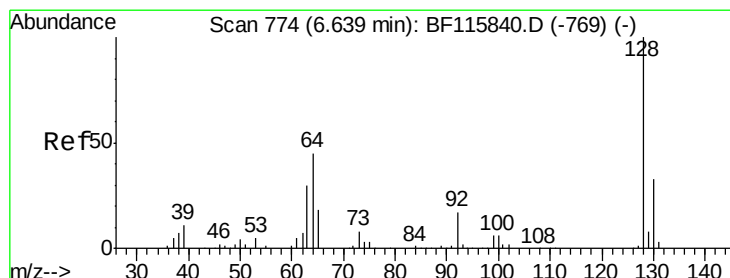
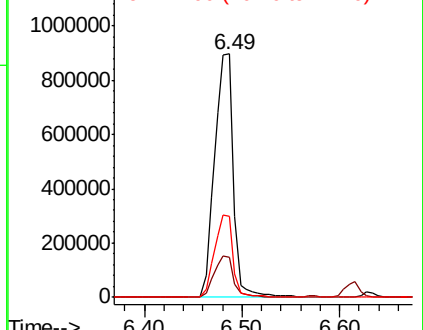
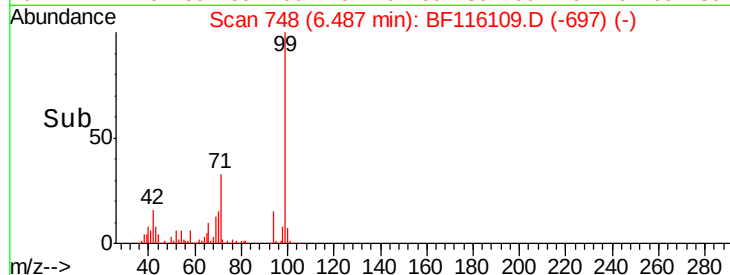


Abundance

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: 40.957 ng

RT: 6.63 min Scan# 772

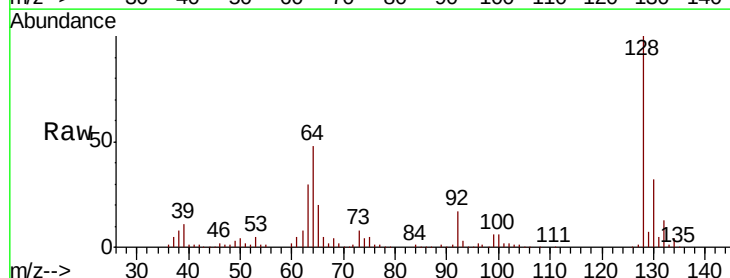
Delta R.T. -0.01 min

Lab File: BF116109.D

Acq: 9 Aug 2019 13:25

Tgt Ion: 128 Resp: 328753

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.9	52.9
64	48.2	24.3	64.3

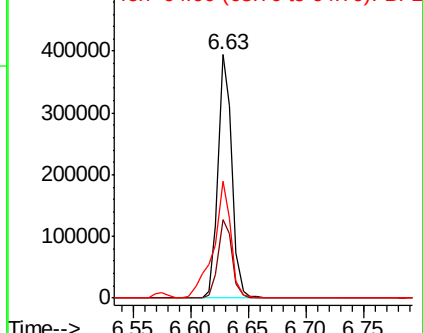
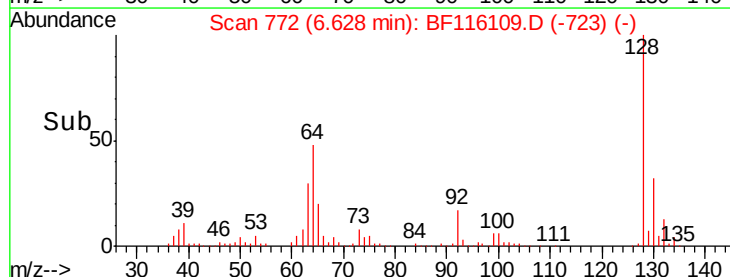


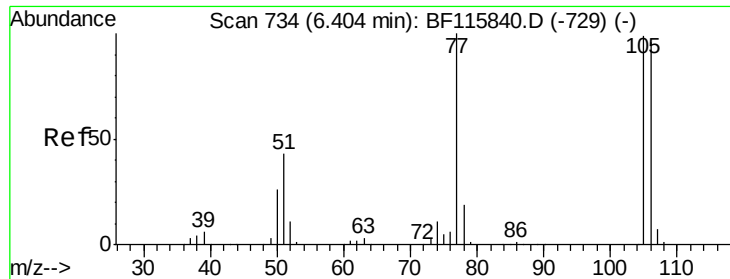
Abundance

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

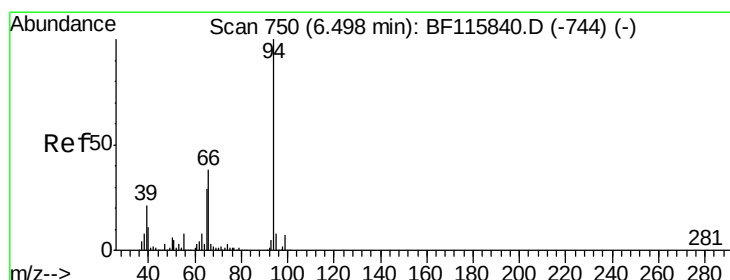
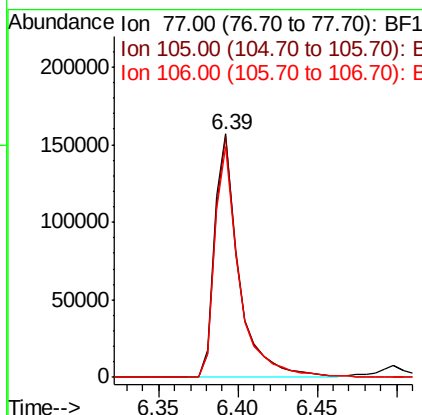
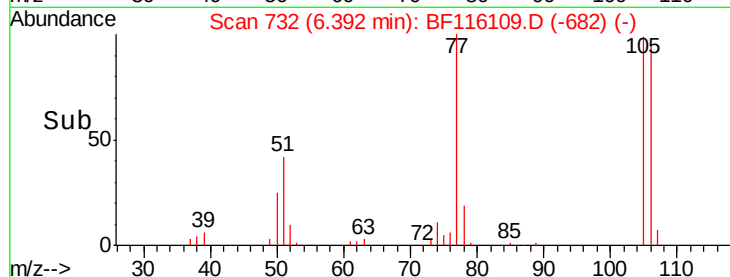
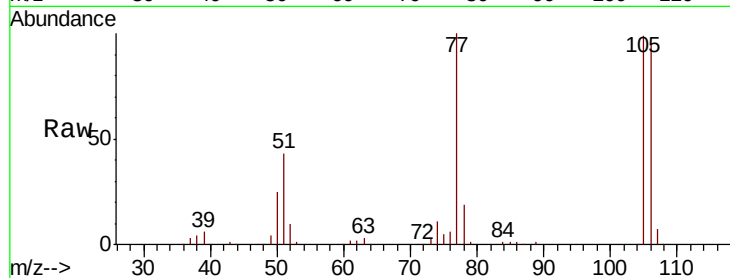




#9
Benzaldehyde
Concen: 26.392 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF116109.D
Acq: 9 Aug 2019 13:25

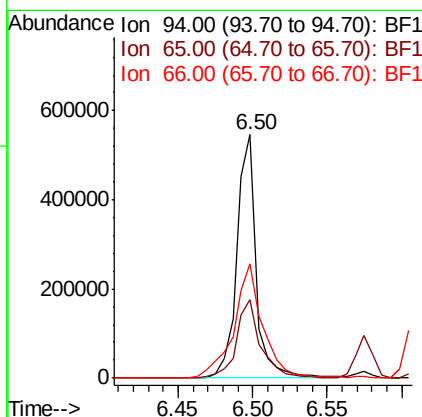
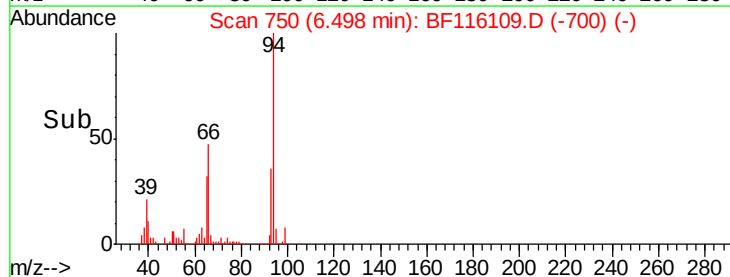
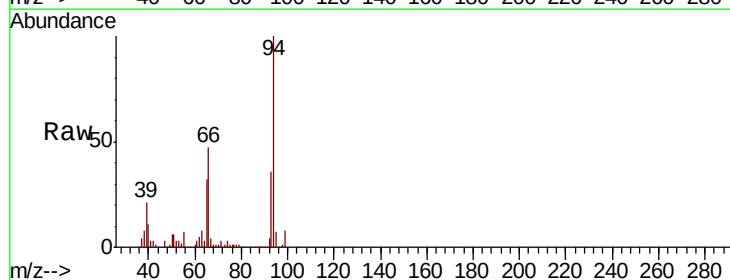
Instrument :
BNA_F
ClientSampled :

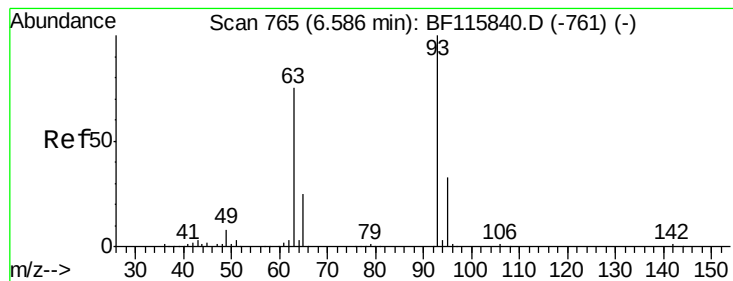
Tot Ion: 77 Resp: 166773
Ion Ratio Lower Upper
77 100
105 98.8 79.2 119.2
106 95.0 74.3 114.3



#10
Phenol
Concen: 46.234 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF116109.D
Acq: 9 Aug 2019 13:25

Tgt Ion: 94 Resp: 498625
Ion Ratio Lower Upper
94 100
65 32.4 16.8 56.8
66 46.9 34.2 74.2

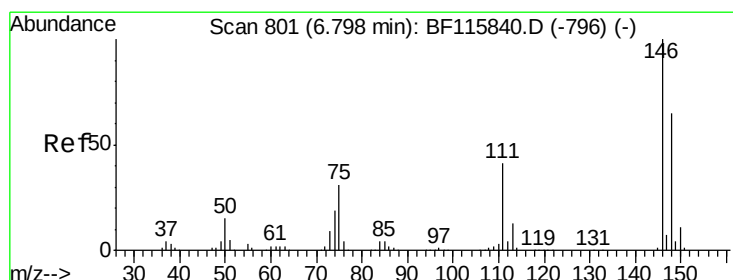
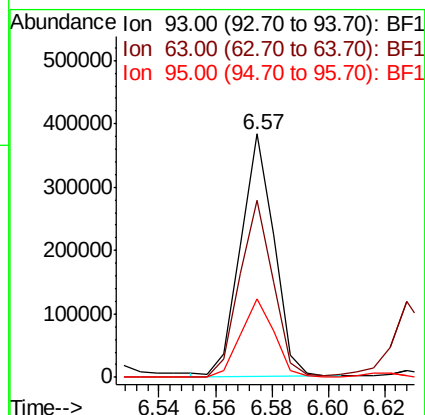
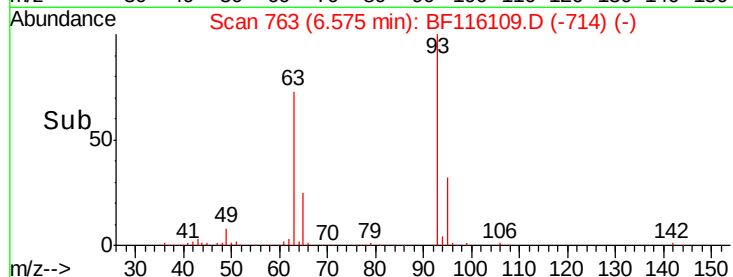
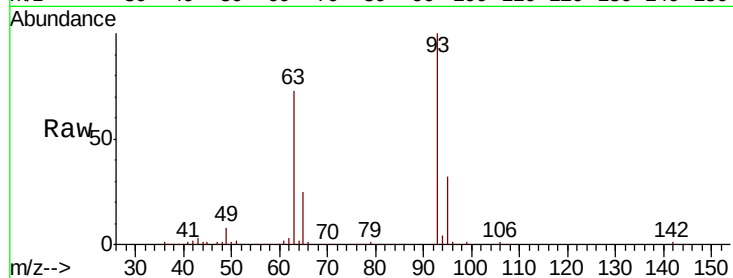




#11
bis(2-Chloroethyl)ether
Concen: 39.615 ng
RT: 6.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF116109.D
Acq: 9 Aug 2019 13:25

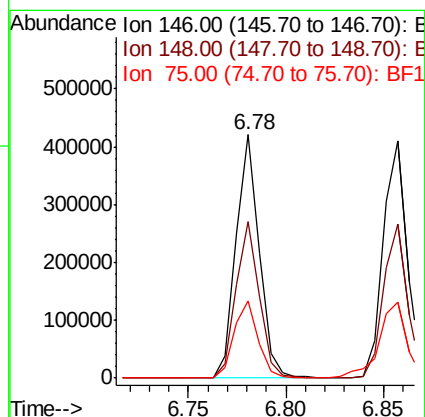
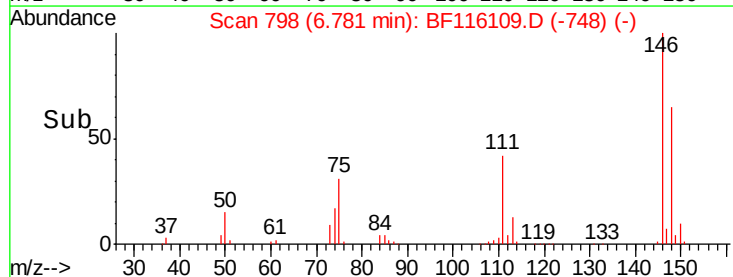
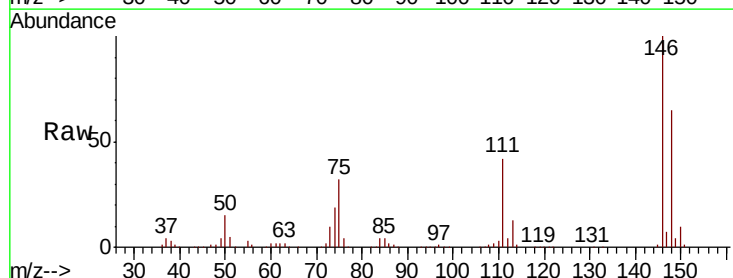
Instrument :
BNA_F
ClientSampled :

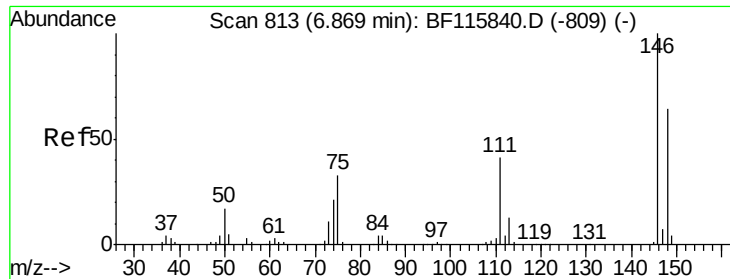
Tot Ion: 93 Resp: 314116
Ion Ratio Lower Upper
93 100
63 72.8 51.9 91.9
95 32.3 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 37.577 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF116109.D
Acq: 9 Aug 2019 13:25

Tgt Ion: 146 Resp: 348588
Ion Ratio Lower Upper
146 100
148 64.5 51.3 76.9
75 31.9 27.4 41.2

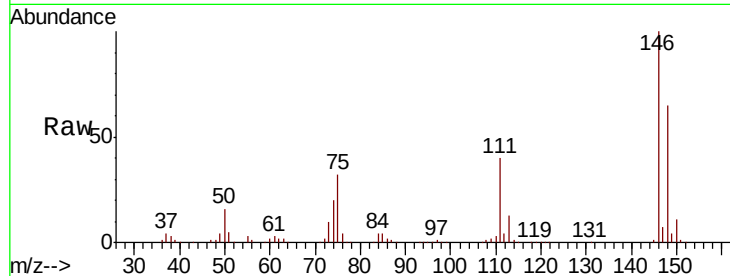




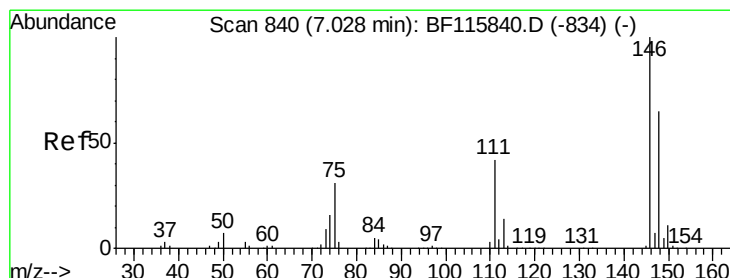
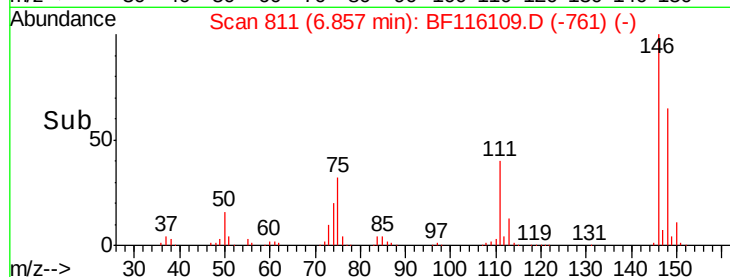
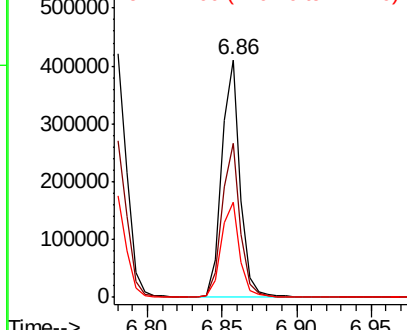
#13
 1,4-Dichlorobenzene
 Concen: 38.472 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF116109.D
 Acq: 9 Aug 2019 13:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 357342
 Ion Ratio Lower Upper
 146 100
 148 64.9 51.3 76.9
 111 40.0 34.0 51.0

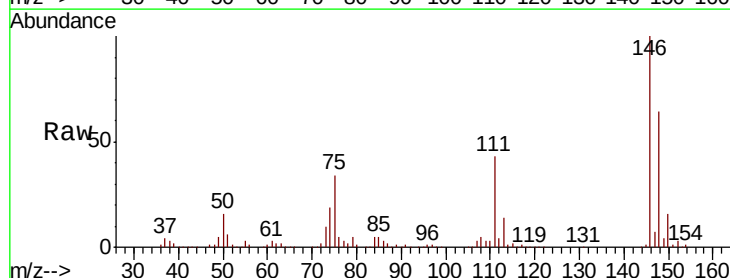


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

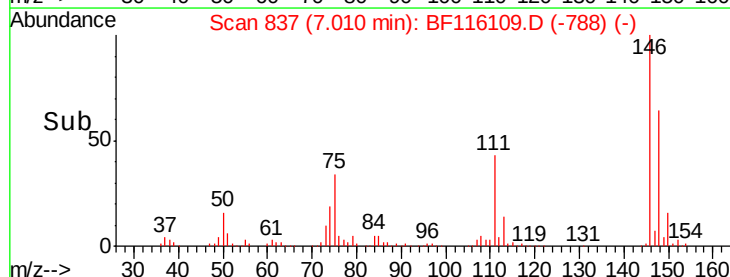
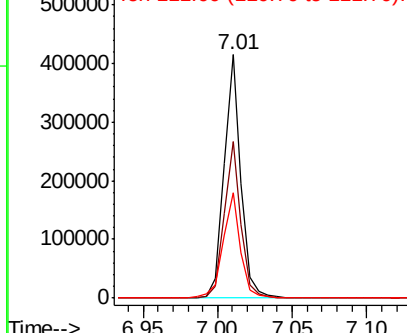


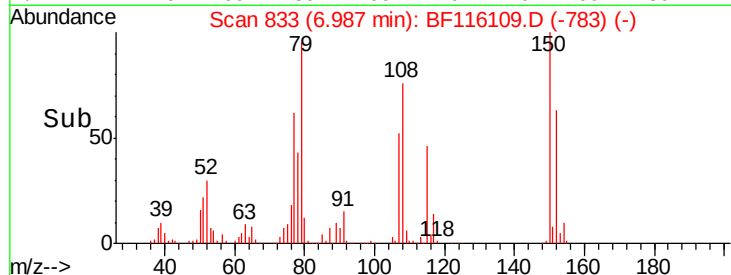
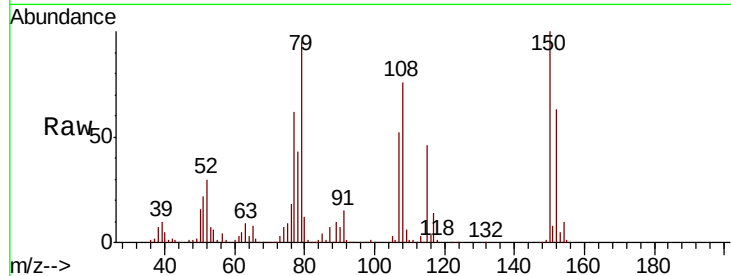
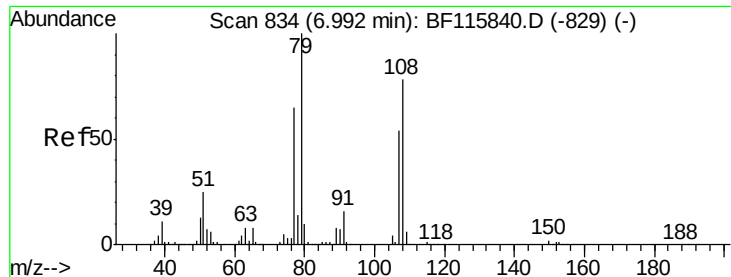
#14
 1,2-Dichlorobenzene
 Concen: 38.445 ng
 RT: 7.01 min Scan# 837
 Delta R.T. -0.01 min
 Lab File: BF116109.D
 Acq: 9 Aug 2019 13:25

Tgt Ion:146 Resp: 328804
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.2 76.8
 111 43.4 33.5 50.3



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

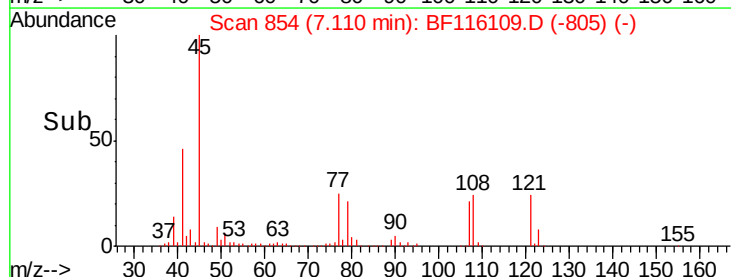
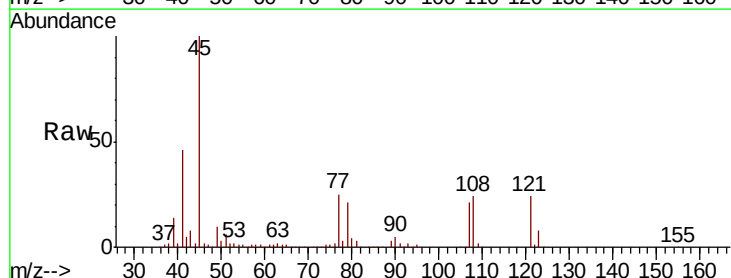
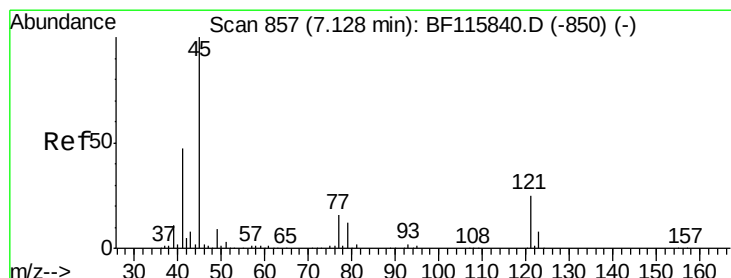
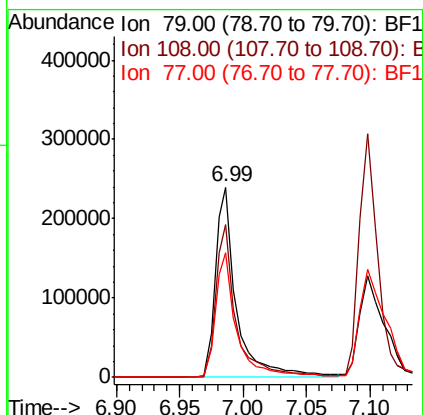




#15
Benzyl Alcohol
Concen: 40.408 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF116109.D
Acq: 9 Aug 2019 13:25

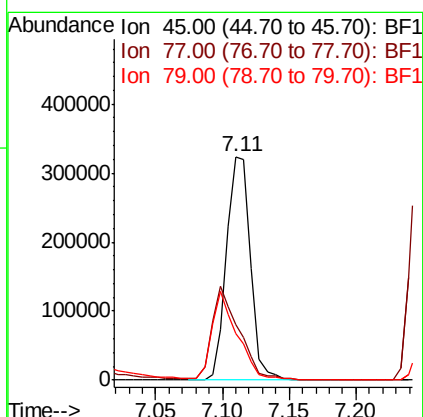
Instrument :
BNA_F
ClientSampleId :

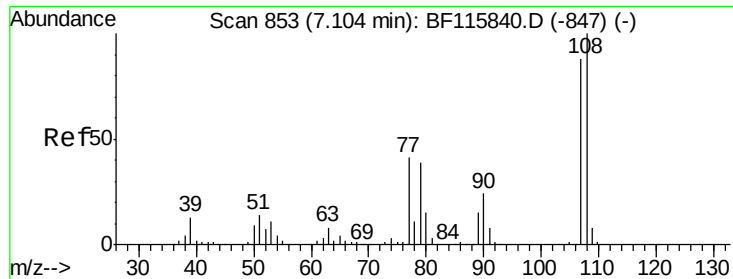
Tot Ion	Ratio	Lower	Upper
79	100		
108	80.1	62.7	94.1
77	65.4	52.2	78.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.069 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF116109.D
Acq: 9 Aug 2019 13:25

Tgt Ion	Ratio	Lower	Upper
45	100		
77	24.6	0.0	40.0
79	20.8	0.0	35.9

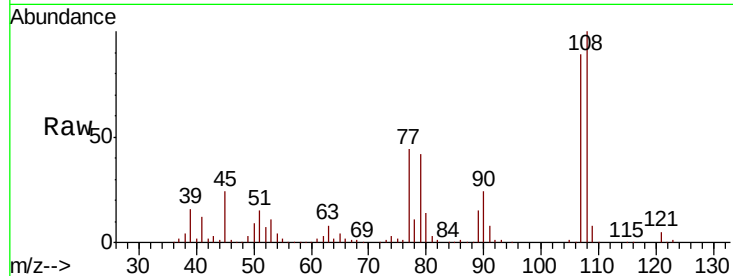




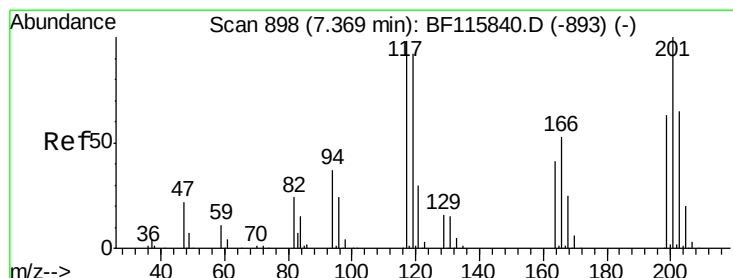
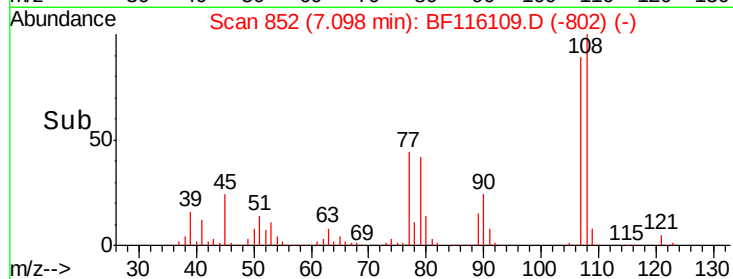
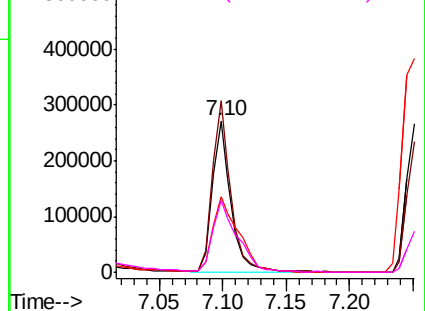
#17
2-Methylphenol
Concen: 40.986 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF116109.D
Acq: 9 Aug 2019 13:25

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 278572
Ion Ratio Lower Upper
107 100
108 112.7 91.2 136.8
77 49.9 40.3 60.5
79 46.9 37.6 56.4

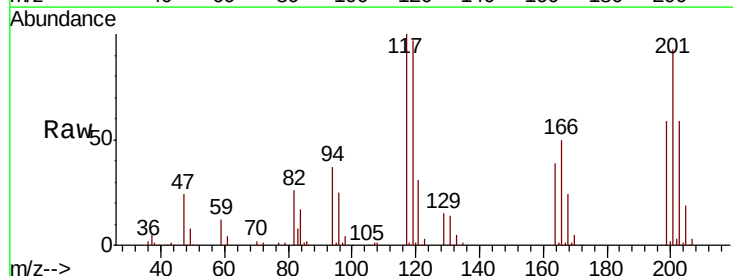


Abundance Ion 107.00 (106.70 to 107.70): E
600000 Ion 108.00 (107.70 to 108.70): E
500000 Ion 77.00 (76.70 to 77.70): BF1
400000 Ion 79.00 (78.70 to 79.70): BF1
300000
200000
100000
0

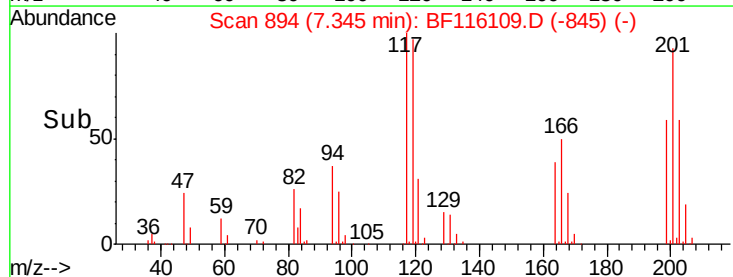
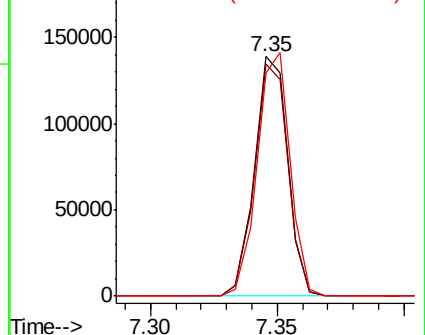


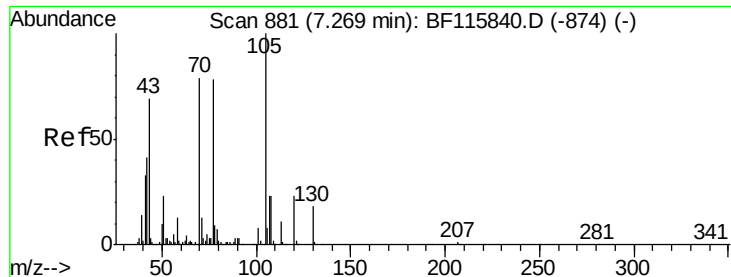
#18
Hexachloroethane
Concen: 37.368 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF116109.D
Acq: 9 Aug 2019 13:25

Tgt Ion:117 Resp: 127791
Ion Ratio Lower Upper
117 100
119 96.8 76.1 114.1
201 92.9 77.0 115.4



Abundance Ion 117.00 (116.70 to 117.70): E
150000 Ion 119.00 (118.70 to 119.70): E
100000 Ion 201.00 (200.70 to 201.70): E
50000
0





#19

n-Nitroso-di-n-propylamine

Concen: 39.670 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.02 min

Lab File: BF116109.D

Acq: 9 Aug 2019 13:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 225135

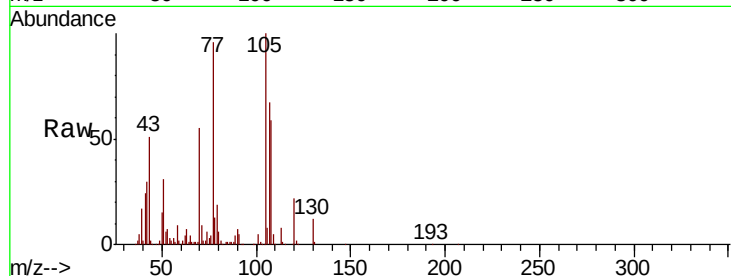
Ion Ratio Lower Upper

70 100

42 53.8 40.9 61.3

101 9.9 7.9 11.9

130 21.1 16.9 25.3

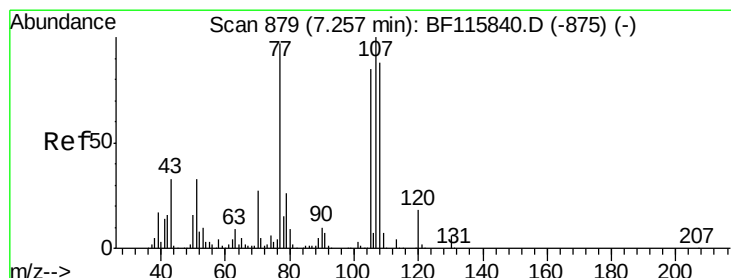
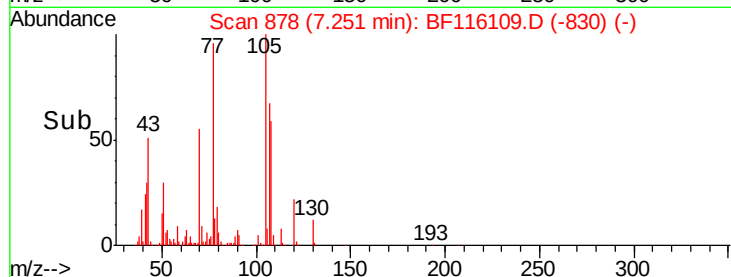
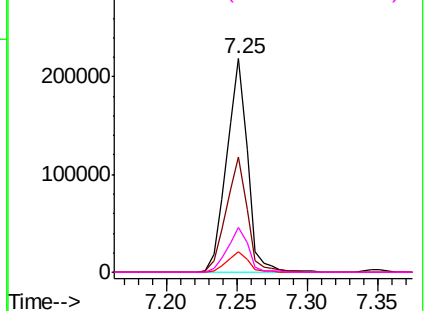


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 42.966 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF116109.D

Acq: 9 Aug 2019 13:25

Tgt Ion:107 Resp: 345578

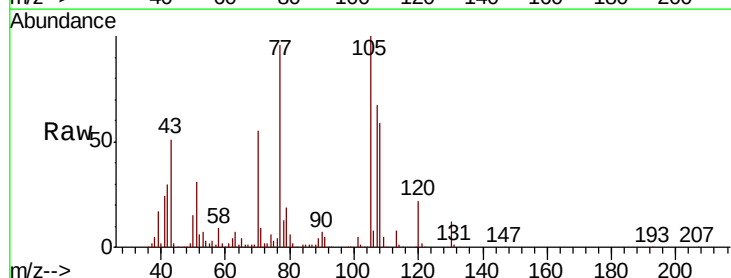
Ion Ratio Lower Upper

107 100

108 88.1 67.6 107.6

77 144.2 104.4 144.4

79 27.9 7.4 47.4

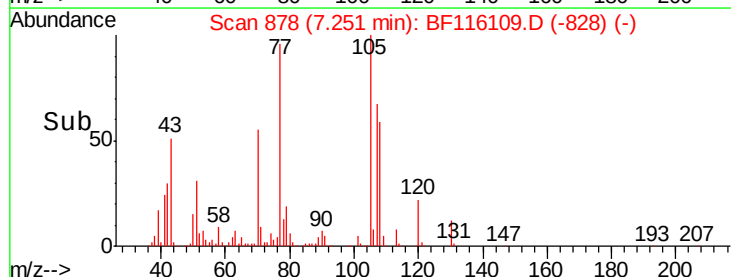
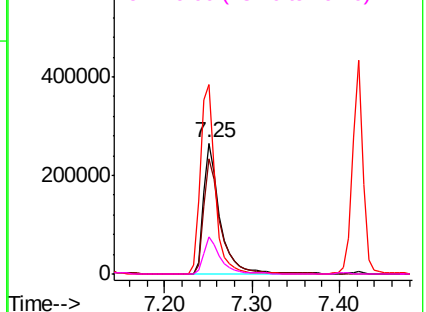


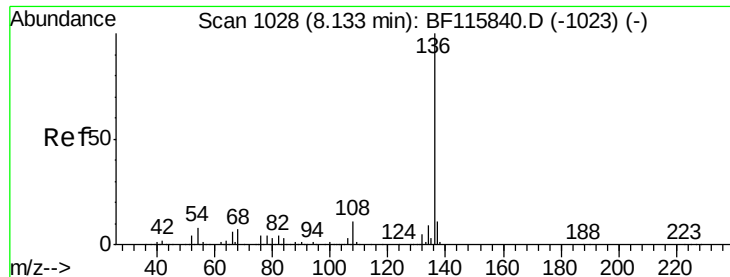
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF116109.D

Acq: 9 Aug 2019 13:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 478318

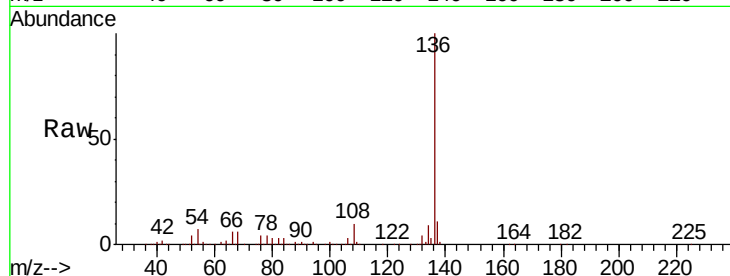
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.4

54 7.3 5.8 8.6

68 6.4 5.2 7.8

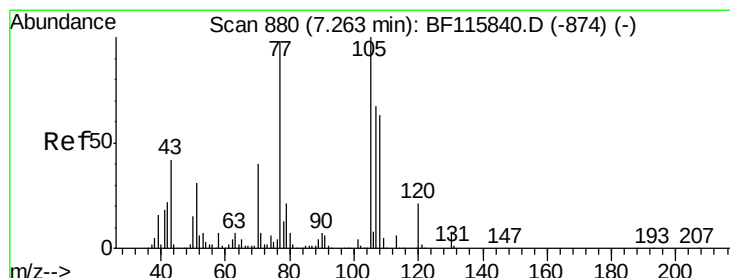
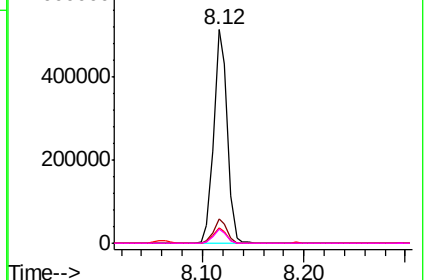
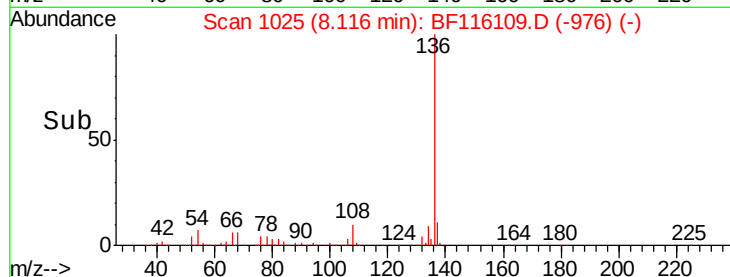


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 42.624 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF116109.D

Acq: 9 Aug 2019 13:25

Tgt Ion:105 Resp: 447137

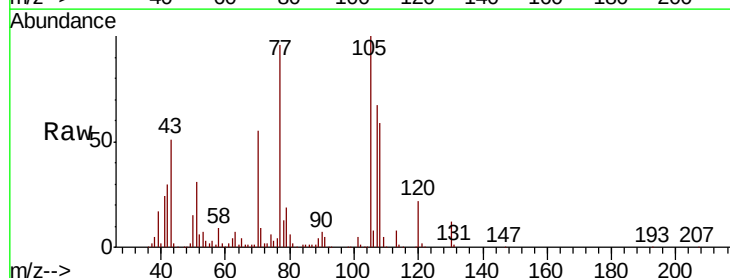
Ion Ratio Lower Upper

105 100

71 8.8 5.9 8.9

51 30.7 25.3 37.9

120 22.0 17.9 26.9

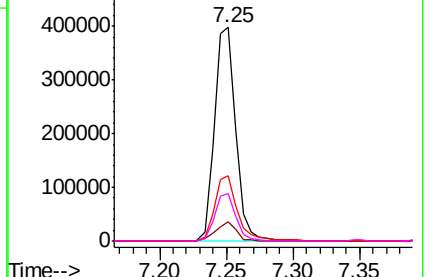
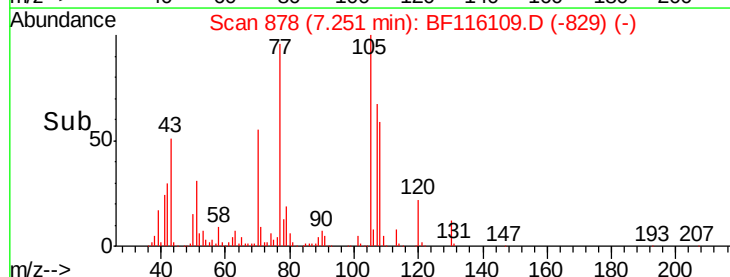


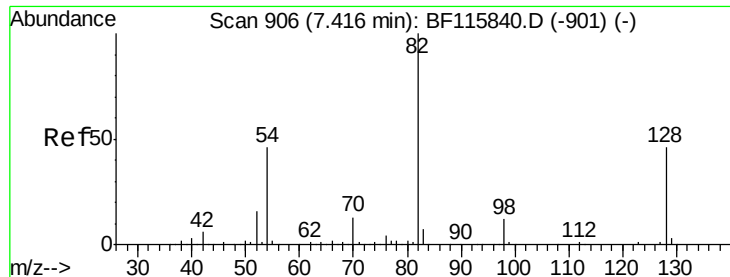
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

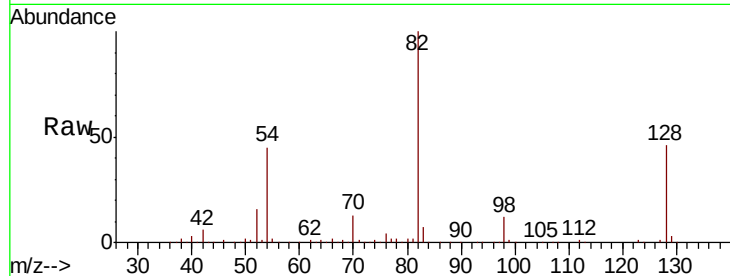




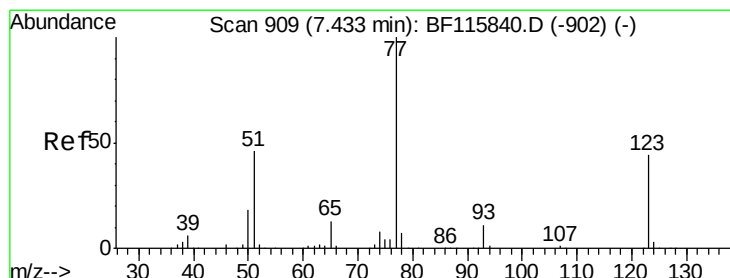
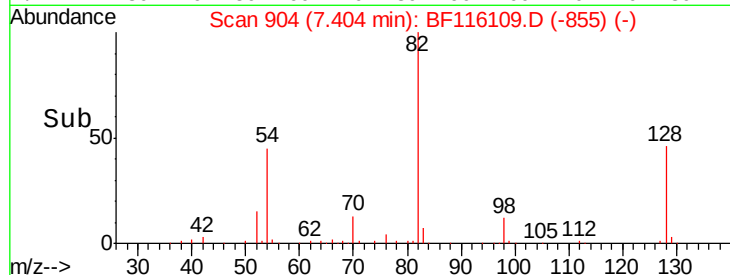
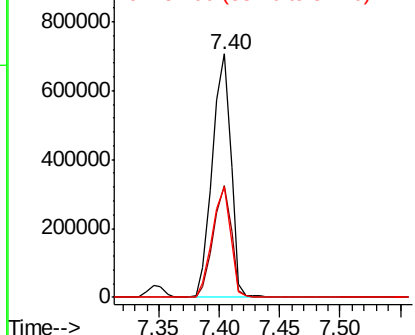
#23
Nitrobenzene-d5
Concen: 90.483 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116109.D
Acq: 9 Aug 2019 13:25

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 749780
Ion Ratio Lower Upper
82 100
128 45.8 36.5 54.7
54 45.2 36.0 54.0

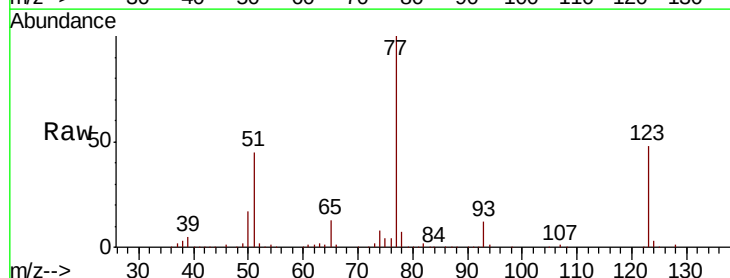


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

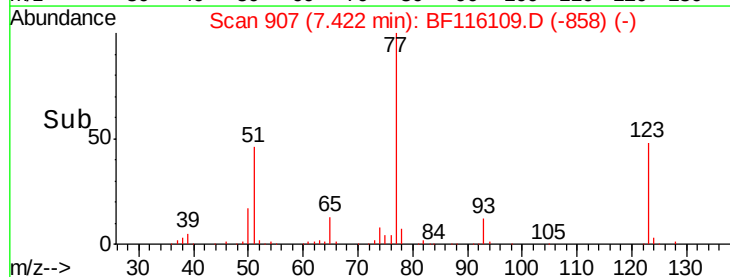
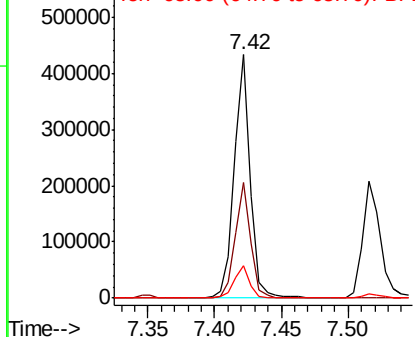


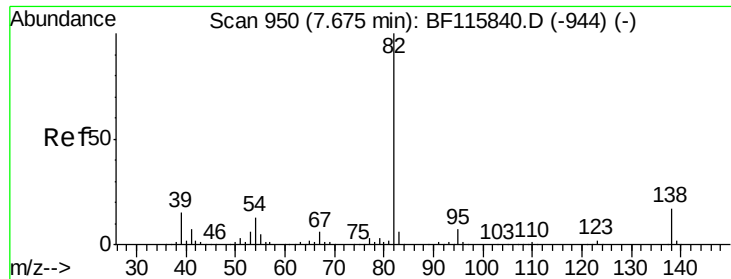
#24
Nitrobenzene
Concen: 40.709 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF116109.D
Acq: 9 Aug 2019 13:25

Tgt Ion: 77 Resp: 364241
Ion Ratio Lower Upper
77 100
123 47.6 36.7 55.1
65 13.3 10.6 16.0



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

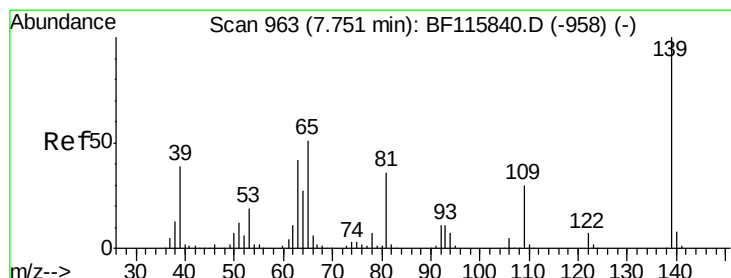
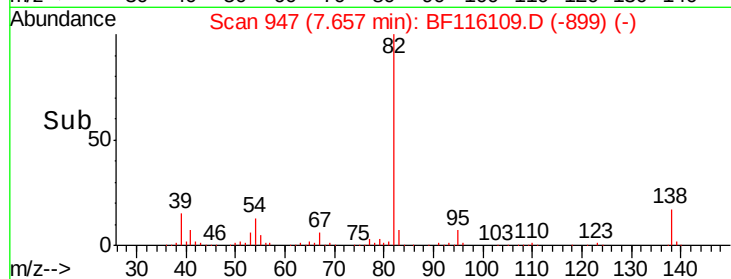
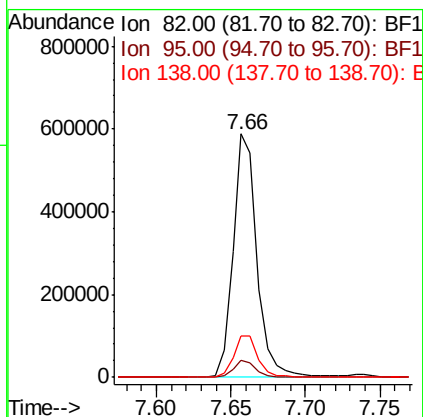
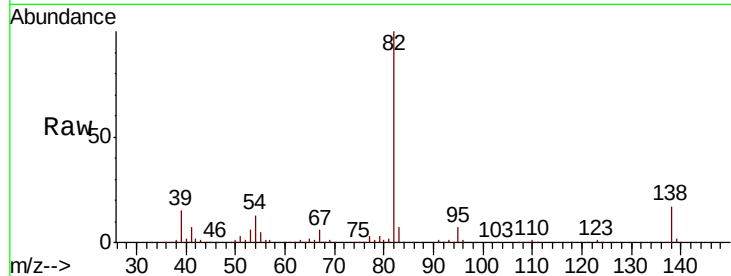




#25
Isophorone
Concen: 41.453 ng
RT: 7.66 min Scan# 947
Delta R.T. -0.02 min
Lab File: BF116109.D
Acq: 9 Aug 2019 13:25

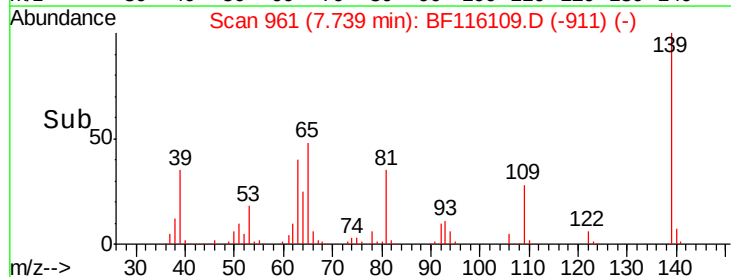
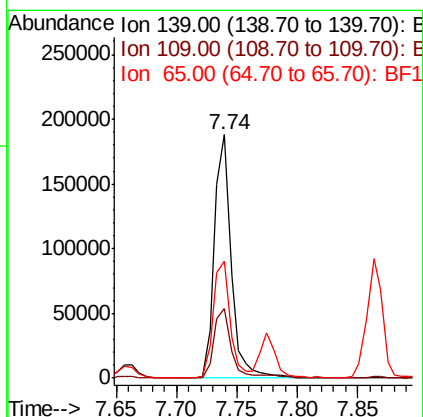
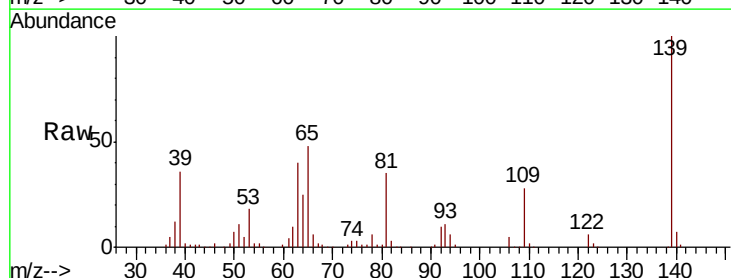
Instrument :
BNA_F
ClientSampleId :

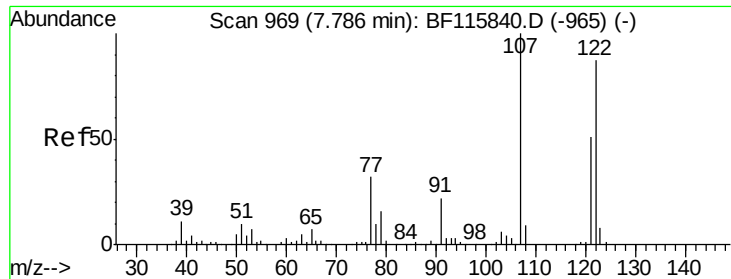
Tot Ion: 82 Resp: 656818
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.0
138 17.1 14.5 21.7



#26
2-Nitrophenol
Concen: 42.736 ng
RT: 7.74 min Scan# 961
Delta R.T. -0.01 min
Lab File: BF116109.D
Acq: 9 Aug 2019 13:25

Tgt Ion: 139 Resp: 180244
Ion Ratio Lower Upper
139 100
109 28.4 23.4 35.2
65 48.0 41.1 61.7

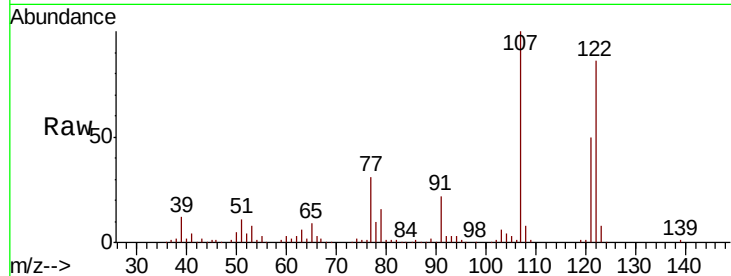




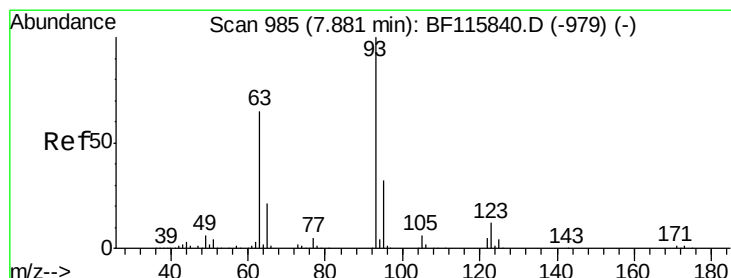
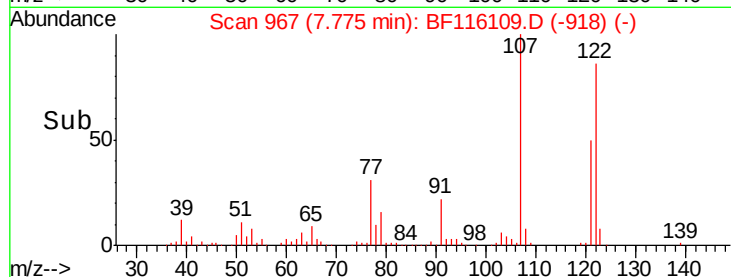
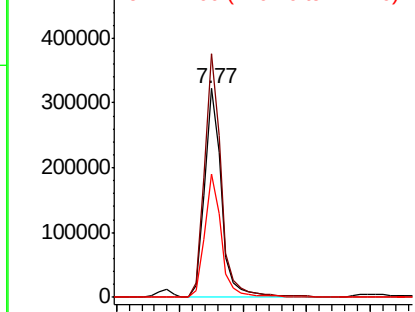
#27
2,4-Dimethylphenol
Concen: 47.307 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF116109.D
Acq: 9 Aug 2019 13:25

Instrument :
BNA_F
ClientSampled :

Tot Ion:122 Resp: 300180
Ion Ratio Lower Upper
122 100
107 116.7 93.0 139.6
121 58.9 47.6 71.4

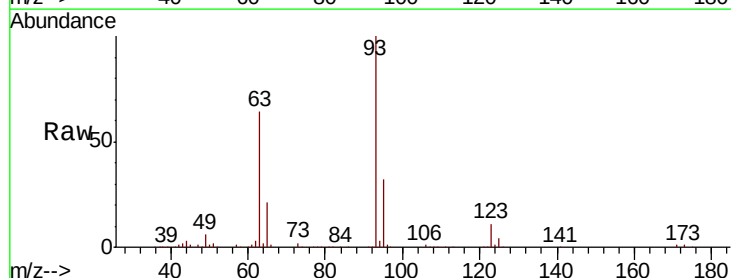


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

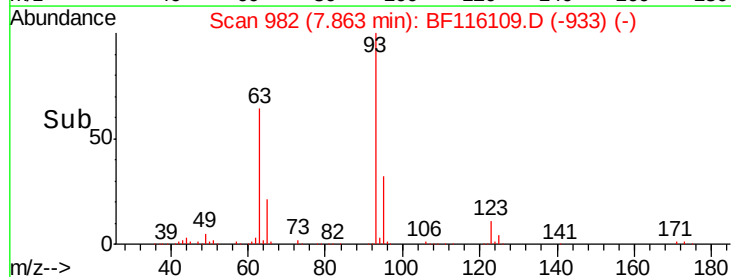
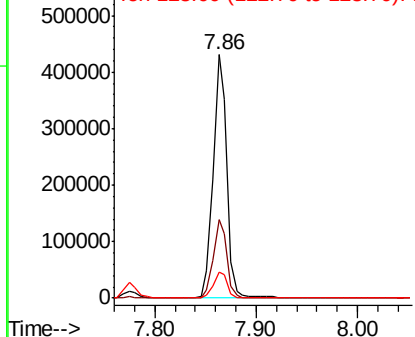


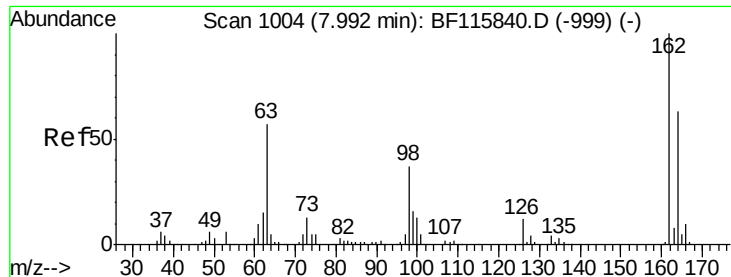
#28
bis(2-Chloroethoxy)methane
Concen: 41.332 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF116109.D
Acq: 9 Aug 2019 13:25

Tgt Ion: 93 Resp: 405916
Ion Ratio Lower Upper
93 100
95 32.4 26.2 39.4
123 10.8 9.2 13.8



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

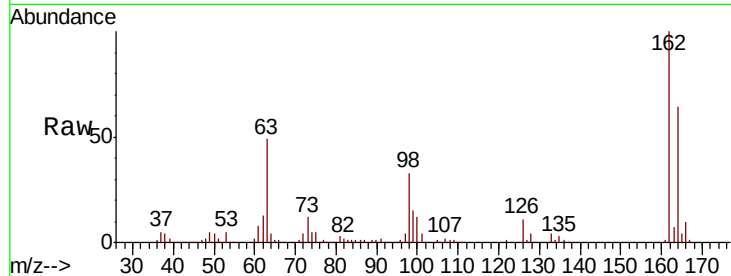




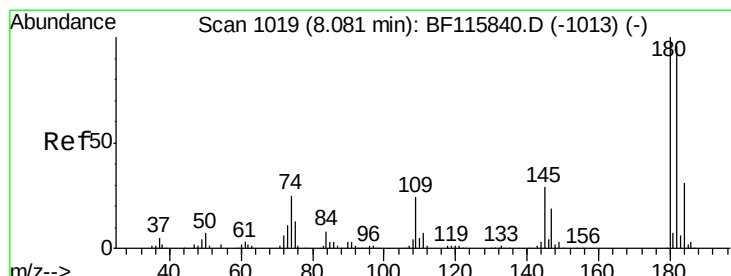
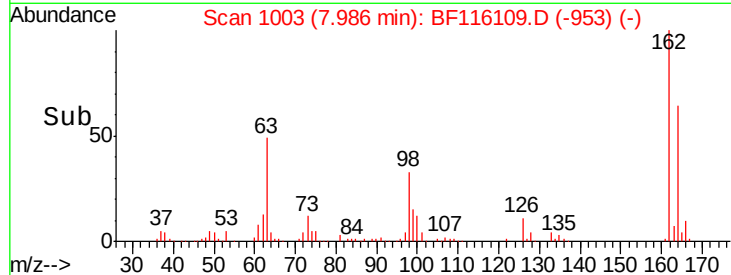
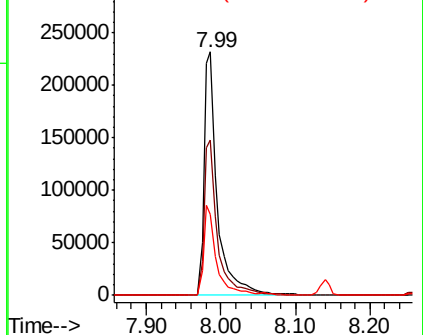
#29
 2,4-Dichlorophenol
 Concen: 43.496 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BF116109.D
 Acq: 9 Aug 2019 13:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	45.1	85.1
98	33.4	15.8	55.8

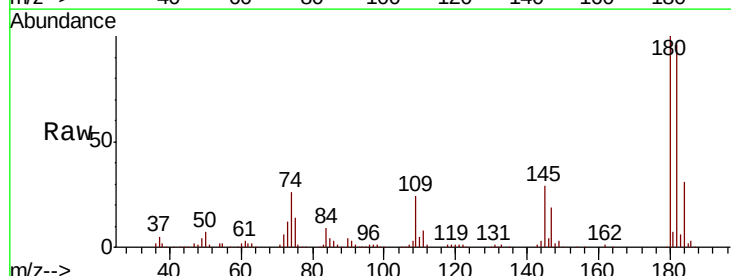


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

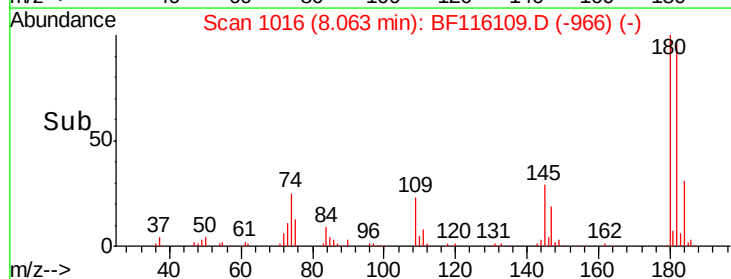
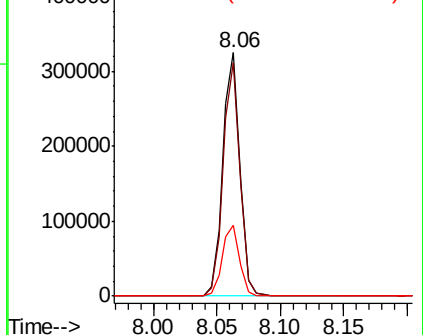


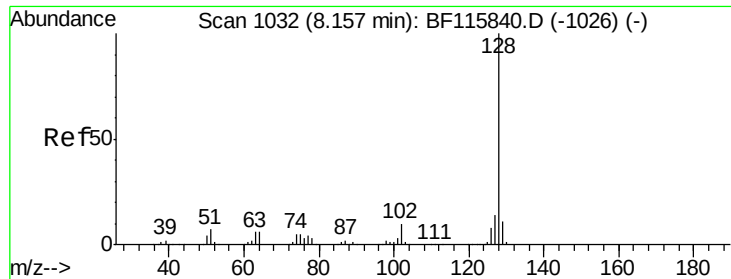
#30
 1,2,4-Trichlorobenzene
 Concen: 39.909 ng
 RT: 8.06 min Scan# 1016
 Delta R.T. -0.01 min
 Lab File: BF116109.D
 Acq: 9 Aug 2019 13:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	75.7	113.5
145	29.3	24.3	36.5



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

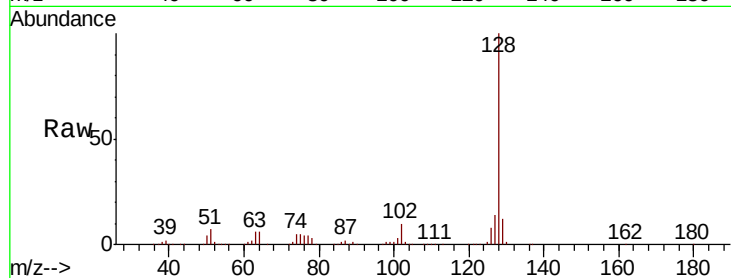




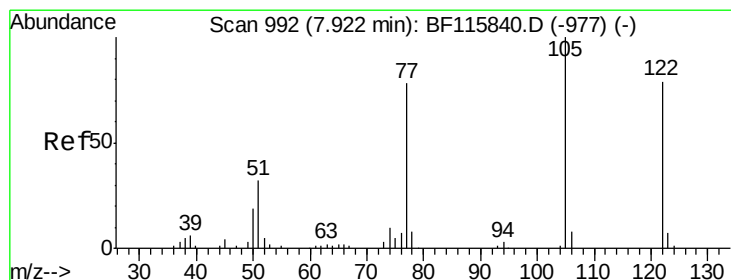
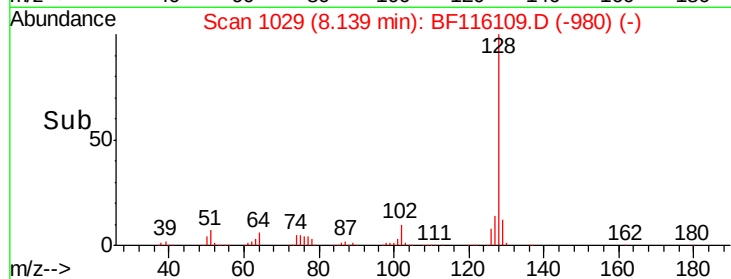
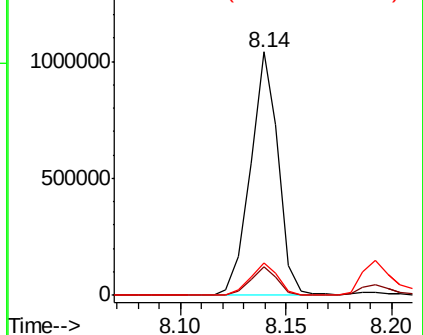
#31
Naphthalene
Concen: 42.109 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF116109.D
Acq: 9 Aug 2019 13:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 947813
Ion Ratio Lower Upper
128 100
129 11.6 9.3 13.9
127 13.5 11.4 17.0

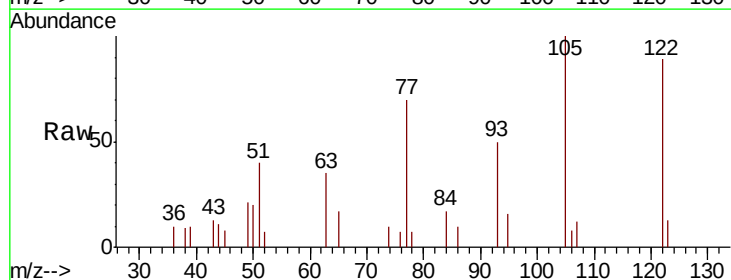


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

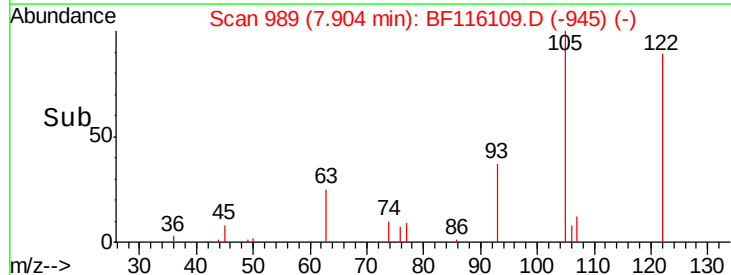
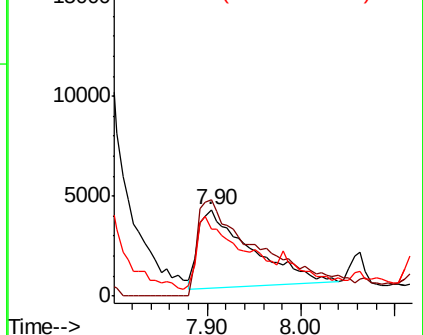


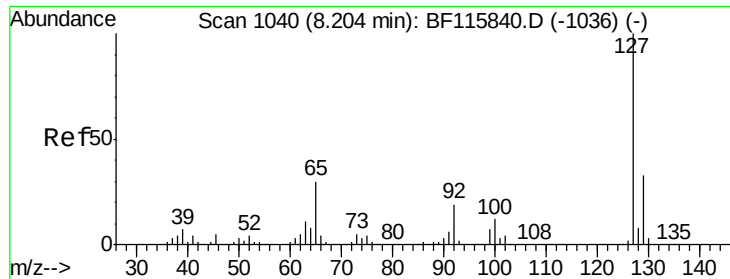
#32
Benzoic acid
Concen: 3.420 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.04 min
Lab File: BF116109.D
Acq: 9 Aug 2019 13:25

Tgt Ion:122 Resp: 15300
Ion Ratio Lower Upper
122 100
105 112.1 106.1 146.1
77 78.1 76.7 116.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

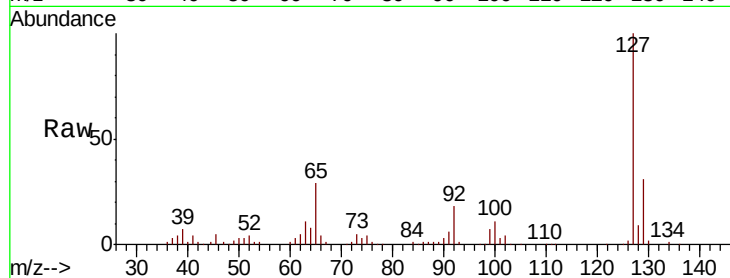




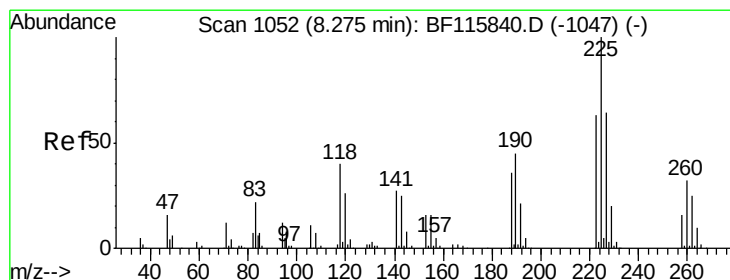
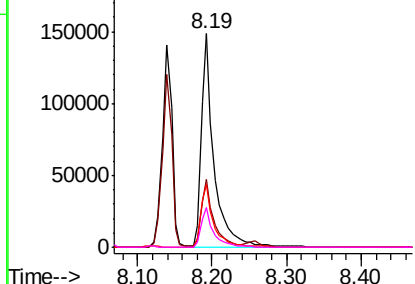
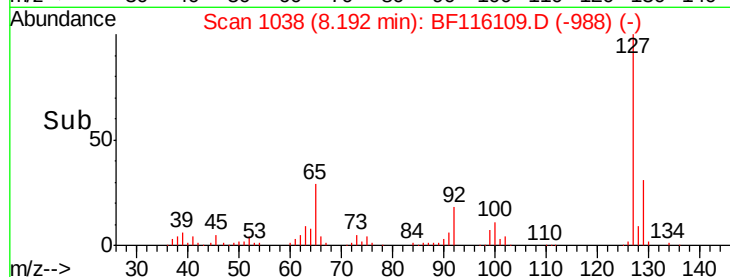
#33
4-Chloroaniline
Concen: 17.788 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF116109.D
Acq: 9 Aug 2019 13:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	178891
Ion	Ratio	Lower	Upper
127	100		
129	31.5	26.1	39.1
65	29.2	24.9	37.3
92	18.4	15.7	23.5

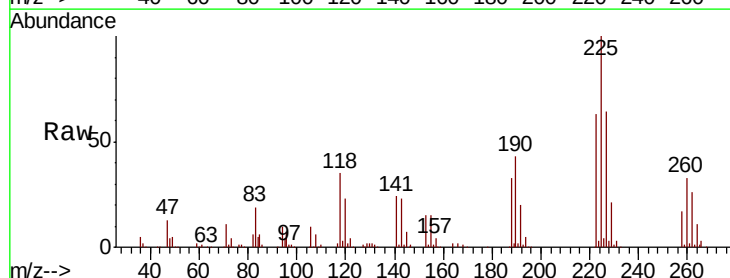


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

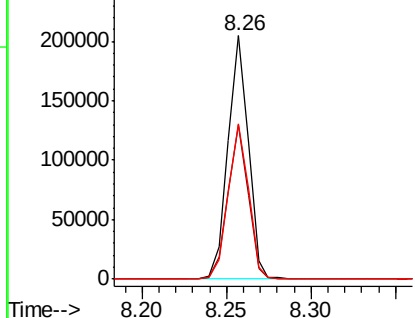
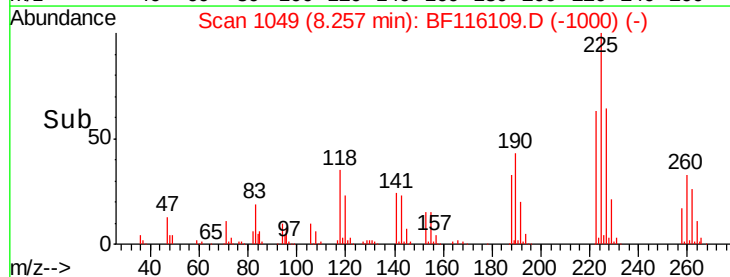


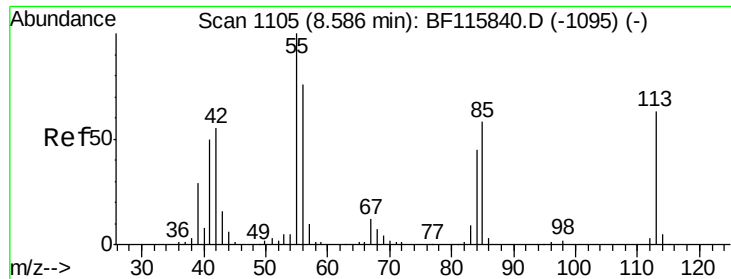
#34
Hexachlorobutadiene
Concen: 38.967 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF116109.D
Acq: 9 Aug 2019 13:25

Tgt Ion:	225	Resp:	171414
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.0	75.0
227	63.5	51.0	76.4



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

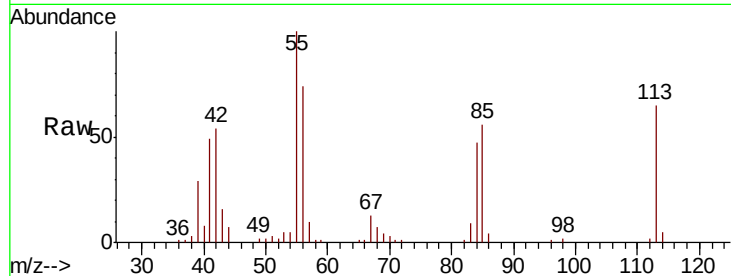




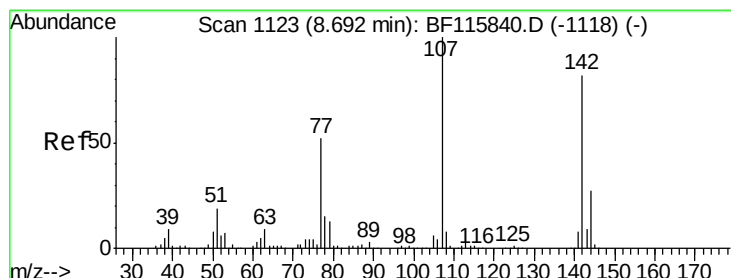
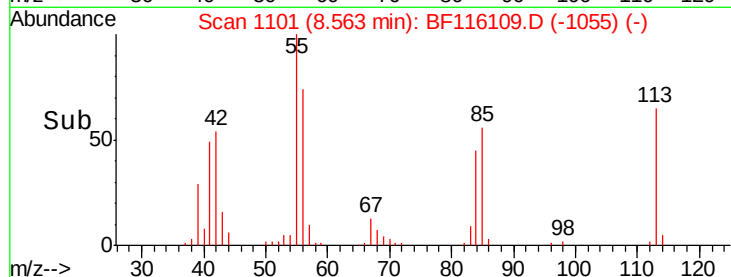
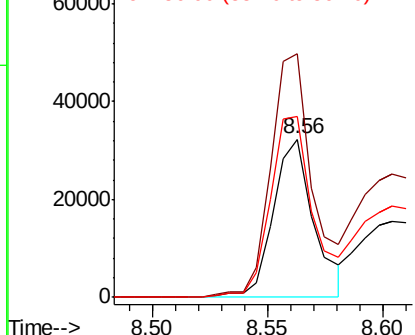
#35
 Caprolactam
 Concen: 18.096 ng
 RT: 8.56 min Scan# 1101
 Delta R.T. -0.03 min
 Lab File: BF116109.D
 Acq: 9 Aug 2019 13:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 39212
 Ion Ratio Lower Upper
 113 100
 55 154.1 144.3 184.3
 56 114.7 97.1 137.1

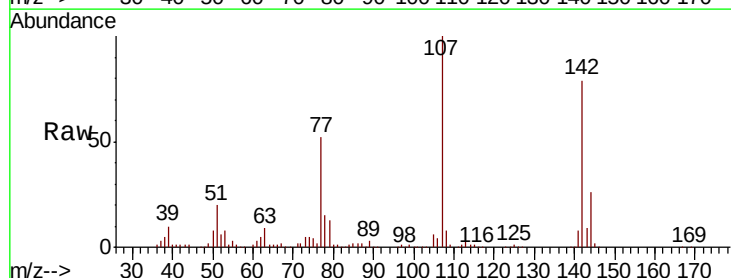


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

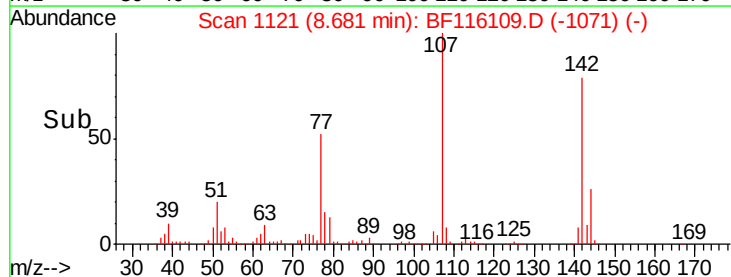
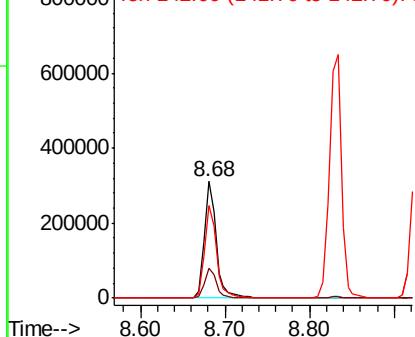


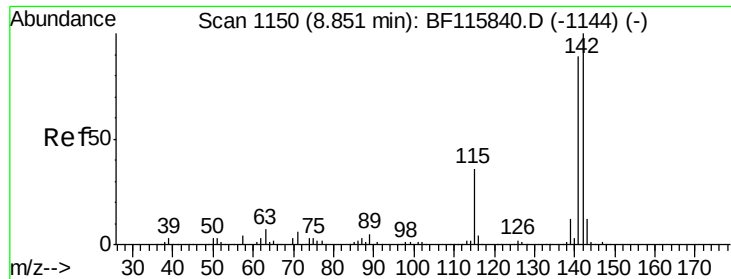
#36
 4-Chloro-3-methylphenol
 Concen: 43.790 ng
 RT: 8.68 min Scan# 1121
 Delta R.T. -0.01 min
 Lab File: BF116109.D
 Acq: 9 Aug 2019 13:25

Tgt Ion:107 Resp: 305214
 Ion Ratio Lower Upper
 107 100
 144 25.6 20.2 30.2
 142 78.9 61.7 92.5



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

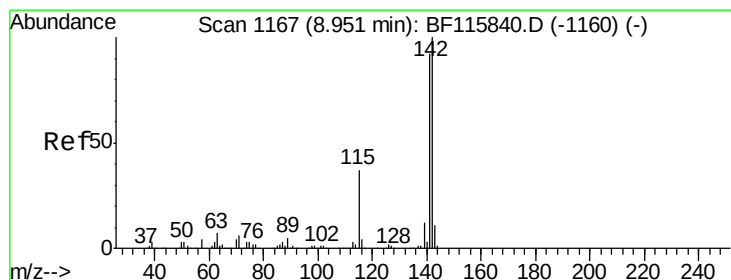
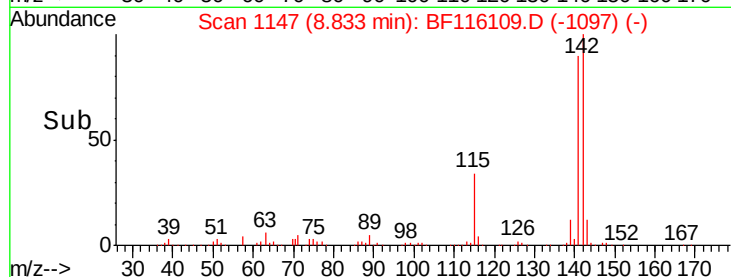
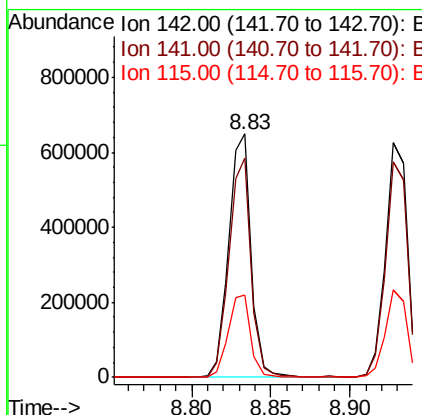
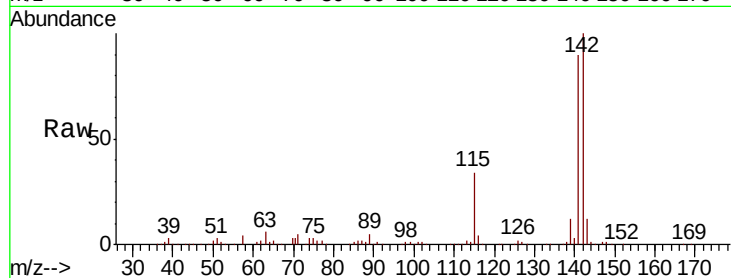




#37
2-Methylnaphthalene
Concen: 42.734 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF116109.D
Acq: 9 Aug 2019 13:25

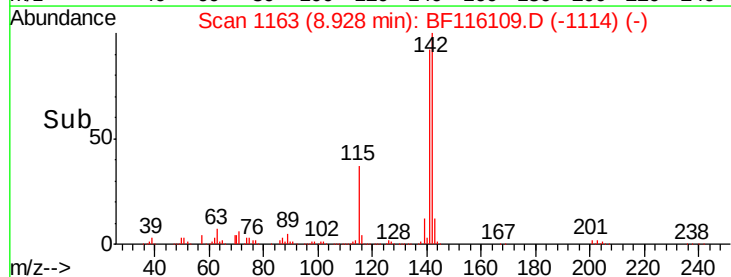
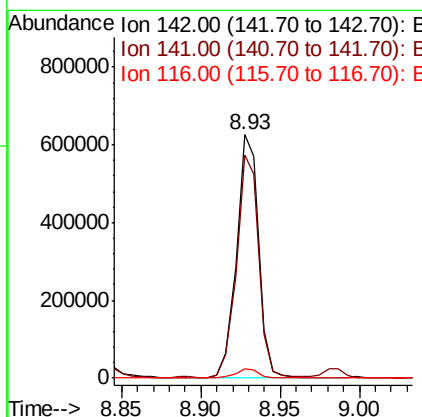
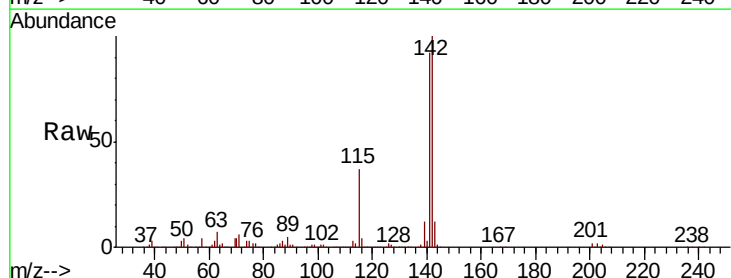
Instrument :
BNA_F
ClientSampleId :

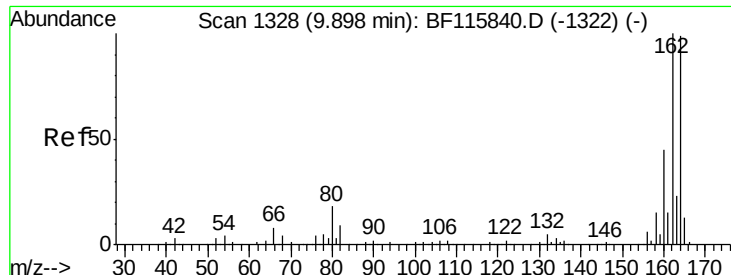
Tot Ion:142 Resp: 633479
Ion Ratio Lower Upper
142 100
141 89.9 70.9 106.3
115 33.8 29.0 43.6



#38
1-Methylnaphthalene
Concen: 42.643 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF116109.D
Acq: 9 Aug 2019 13:25

Tgt Ion:142 Resp: 598021
Ion Ratio Lower Upper
142 100
141 91.8 74.4 111.6
116 3.9 3.1 4.7

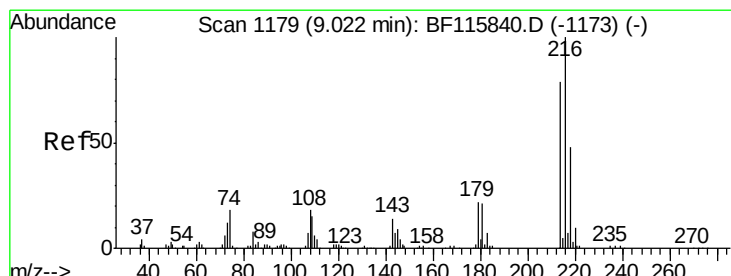
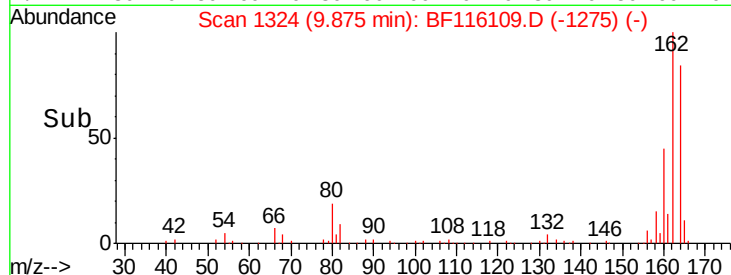
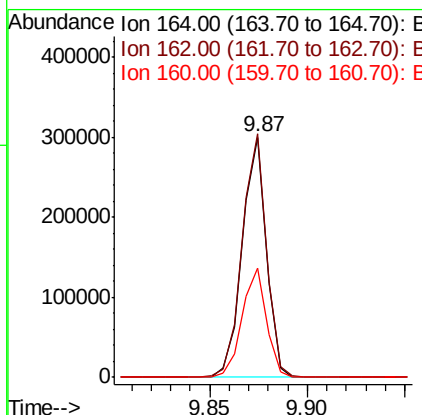
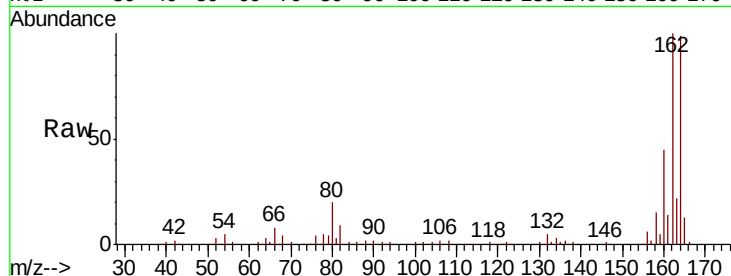




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF116109.D
 Acq: 9 Aug 2019 13:25

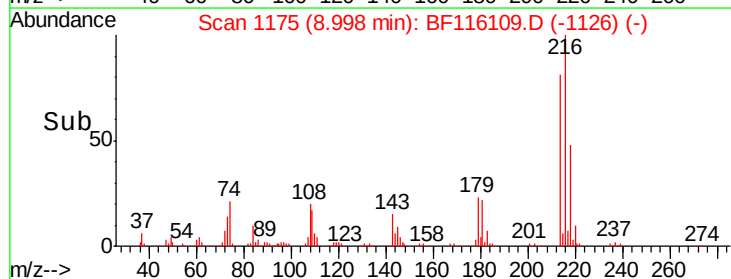
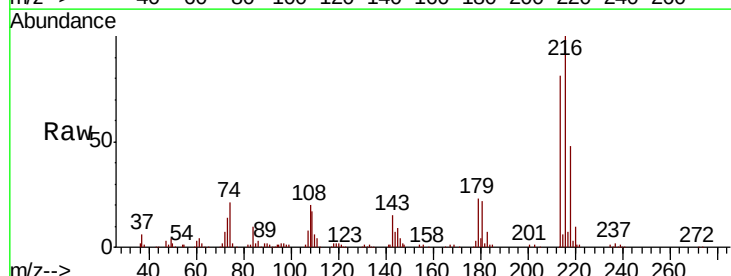
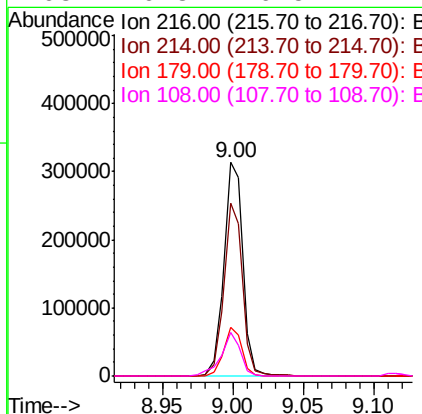
Instrument :
 BNA_F
 ClientSampleId :

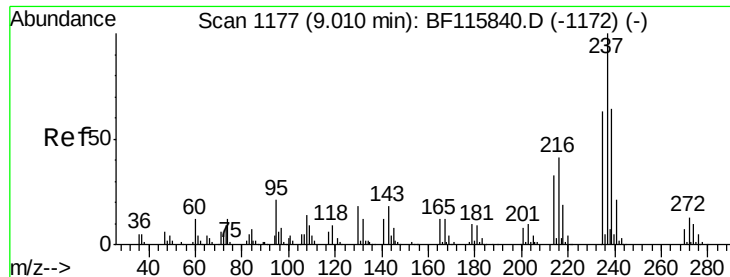
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.3	82.6	124.0
160	45.4	37.6	56.4



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.505 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF116109.D
 Acq: 9 Aug 2019 13:25

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.6	95.4
179	21.7	17.8	26.8
108	20.8	16.5	24.7

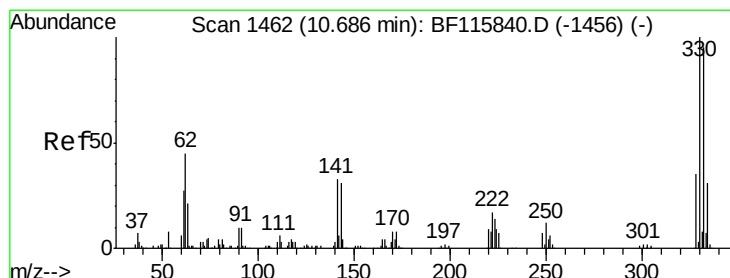
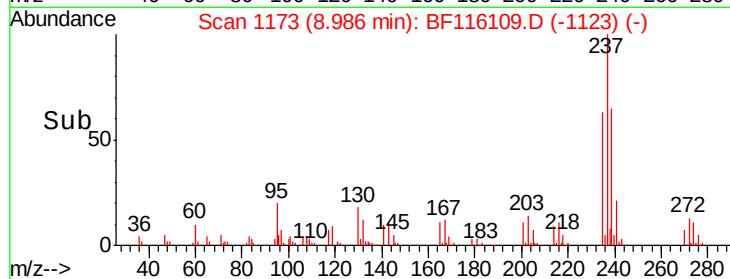
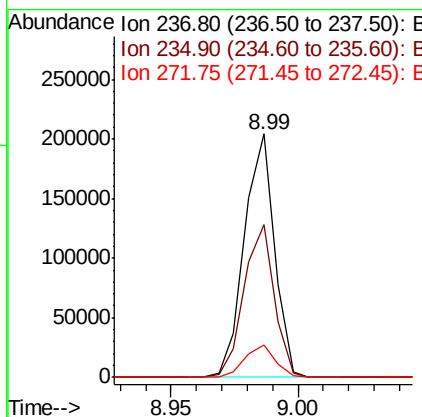
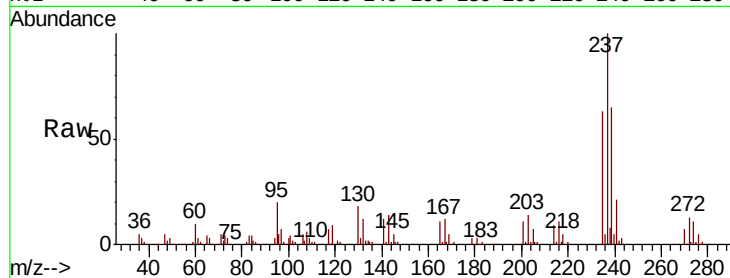




#41
 Hexachlorocyclopentadiene
 Concen: 56.402 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF116109.D
 Acq: 9 Aug 2019 13:25

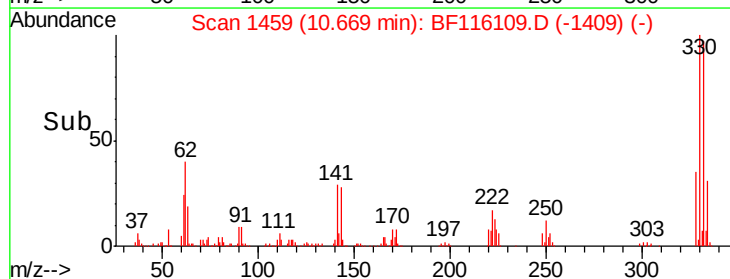
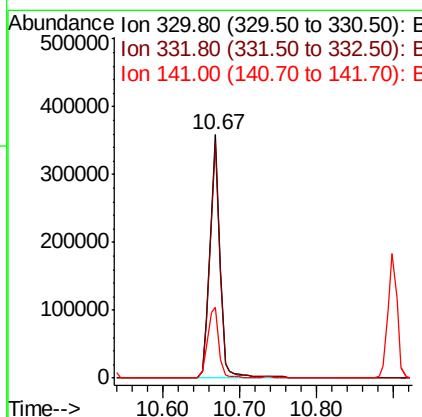
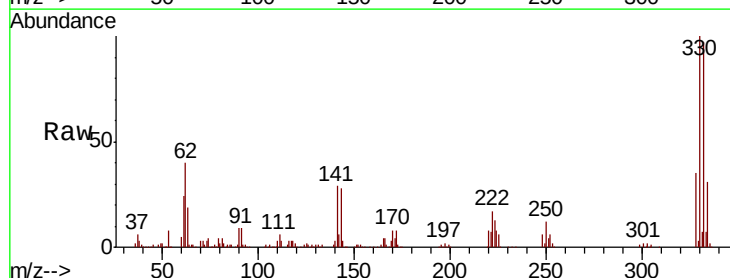
Instrument :
 BNA_F
 ClientSampled :

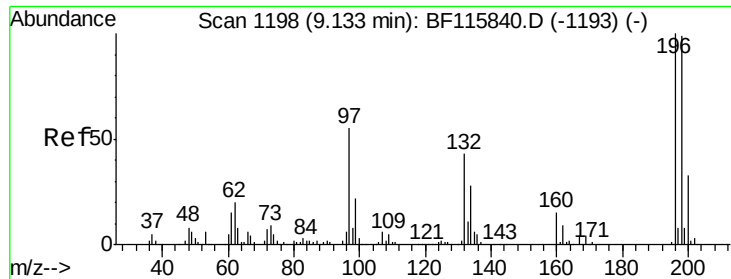
Tot Ion:	237	Resp:	168382
Ion Ratio	Lower	Upper	
237	100		
235	62.5	43.4	83.4
272	13.4	0.0	33.2



#42
 2,4,6-Tribromophenol
 Concen: 132.384 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF116109.D
 Acq: 9 Aug 2019 13:25

Tgt Ion:	330	Resp:	330315
Ion Ratio	Lower	Upper	
330	100		
332	97.4	76.8	115.2
141	32.2	26.3	39.5

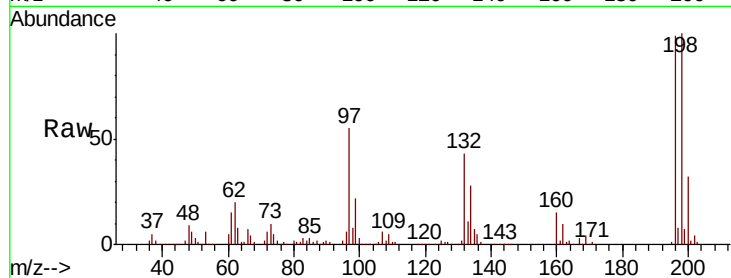




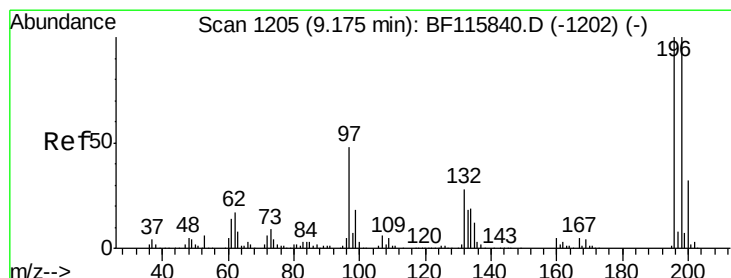
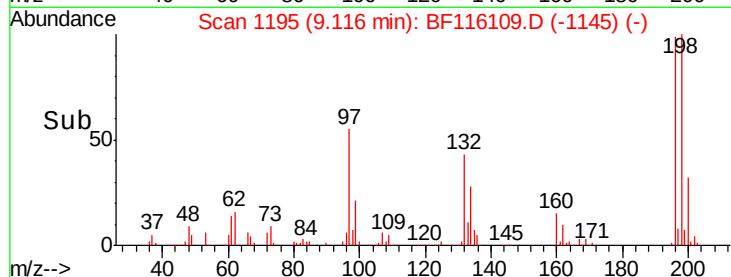
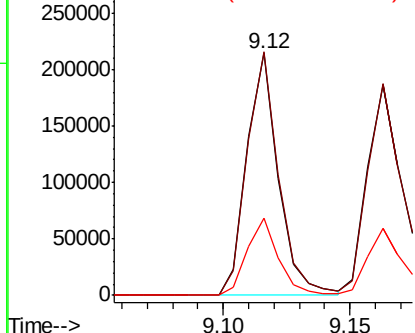
#43
 2,4,6-Trichlorophenol
 Concen: 39.592 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF116109.D
 Acq: 9 Aug 2019 13:25

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196	Resp:	187495
Ion Ratio	Lower	Upper
196	100	
198	100.6	79.2 118.8
200	32.2	25.2 37.8

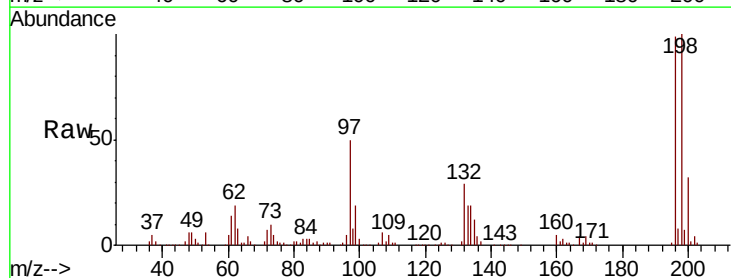


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

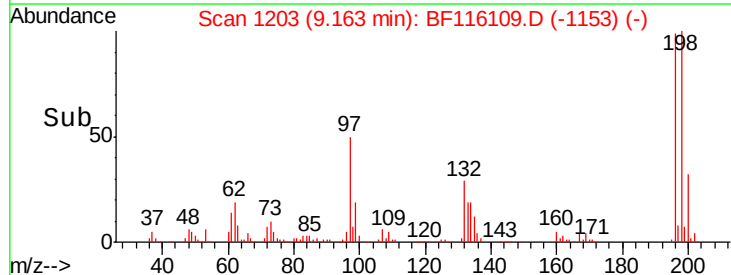
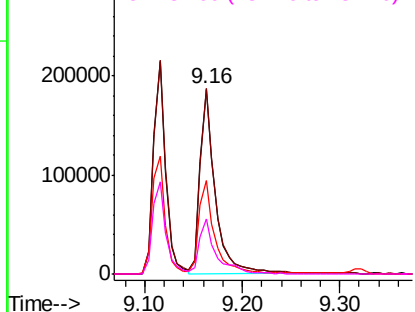


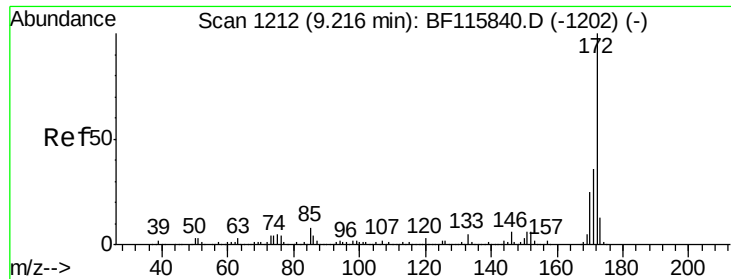
#44
 2,4,5-Trichlorophenol
 Concen: 41.471 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF116109.D
 Acq: 9 Aug 2019 13:25

Tgt Ion:196	Resp:	203011
Ion Ratio	Lower	Upper
196	100	
198	100.7	78.8 118.2
97	50.3	42.2 63.4
132	29.7	24.0 36.0



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

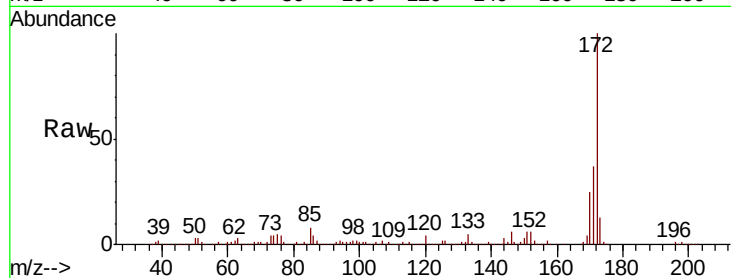




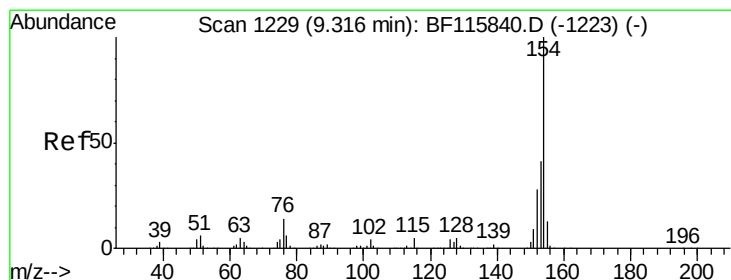
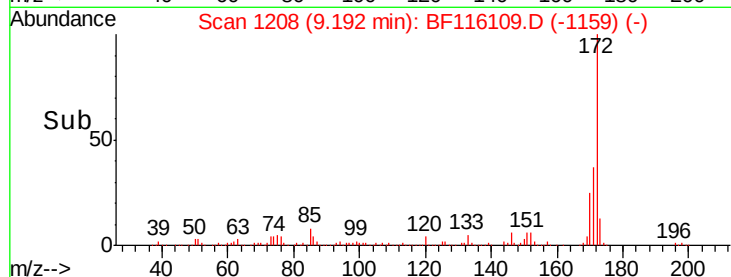
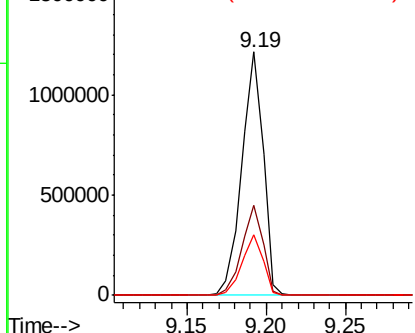
#45
2-Fluorobiphenyl
Concen: 82.552 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF116109.D
Acq: 9 Aug 2019 13:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1134245
Ion Ratio Lower Upper
172 100
171 36.9 29.6 44.4
170 24.6 20.1 30.1

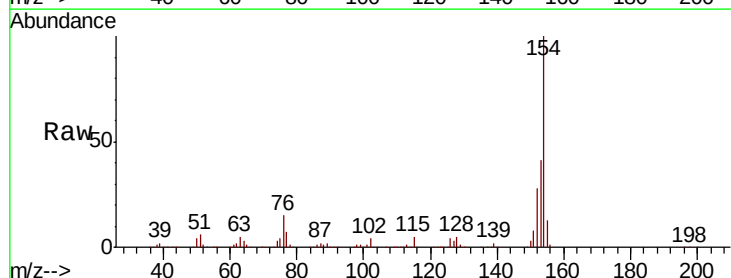


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

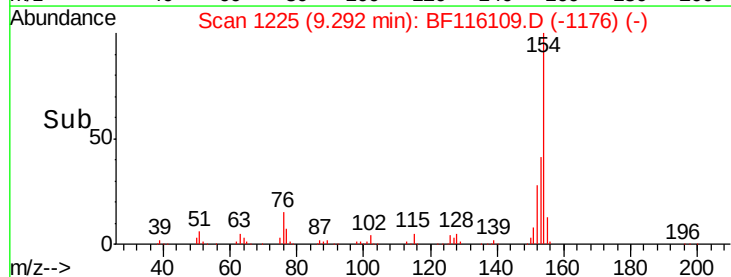
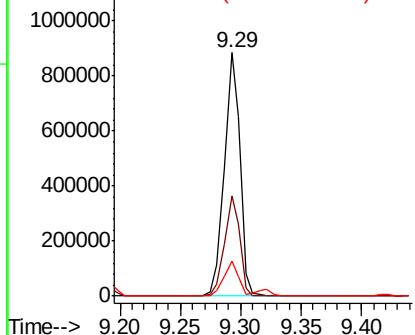


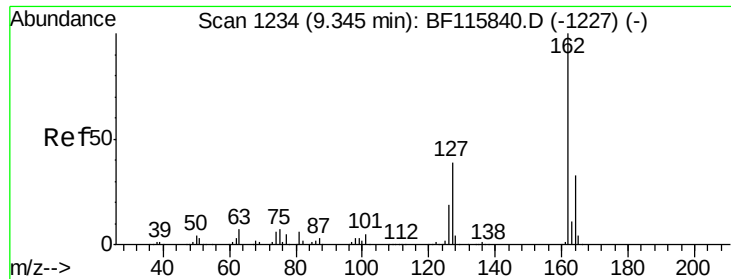
#46
1,1'-Biphenyl
Concen: 43.324 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF116109.D
Acq: 9 Aug 2019 13:25

Tgt Ion:154 Resp: 787164
Ion Ratio Lower Upper
154 100
153 41.0 21.4 61.4
76 14.6 0.0 35.2



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

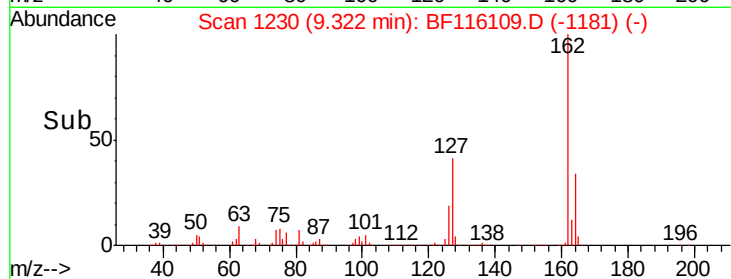
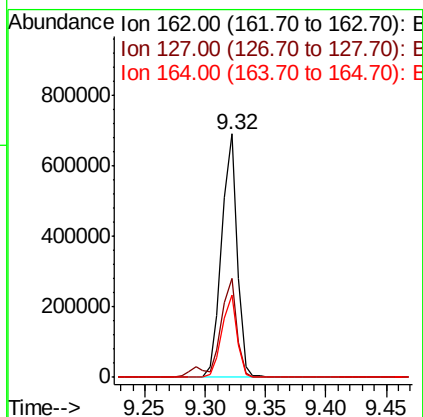
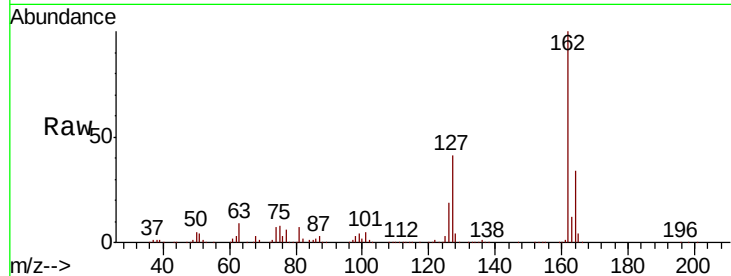




#47
 2-Chloronaphthalene
 Concen: 40.572 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BF116109.D
 Acq: 9 Aug 2019 13:25

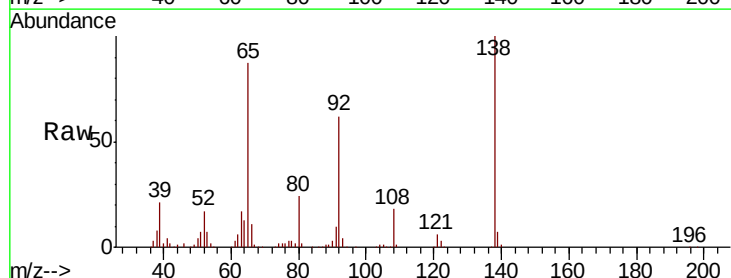
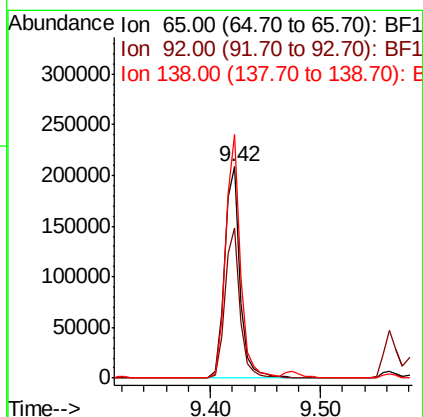
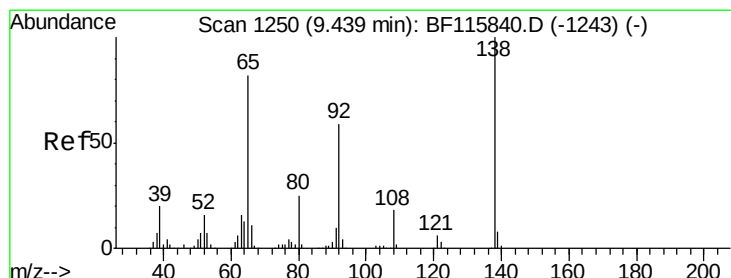
Instrument :
 BNA_F
 ClientSampleId :

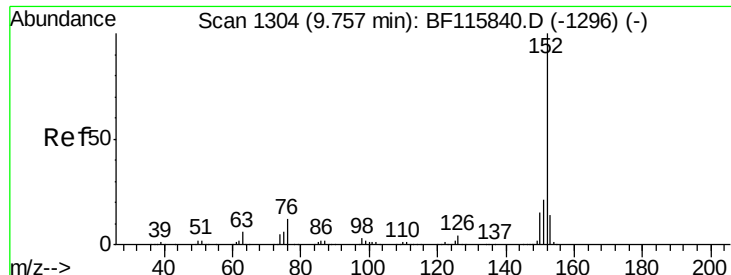
Tot Ion: 162 Resp: 613532
 Ion Ratio Lower Upper
 162 100
 127 40.7 32.8 49.2
 164 33.8 26.6 39.8



#48
 2-Nitroaniline
 Concen: 40.817 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.01 min
 Lab File: BF116109.D
 Acq: 9 Aug 2019 13:25

Tgt Ion: 65 Resp: 204023
 Ion Ratio Lower Upper
 65 100
 92 71.0 57.8 86.8
 138 115.2 94.0 141.0





#49

Acenaphthylene

Concen: 43.052 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF116109.D

Acq: 9 Aug 2019 13:25

Instrument :

BNA_F

ClientSampleId :

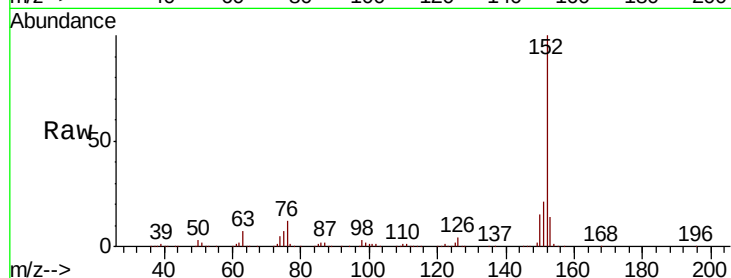
Tot Ion:152 Resp: 949811

Ion Ratio Lower Upper

152 100

151 20.8 17.2 25.8

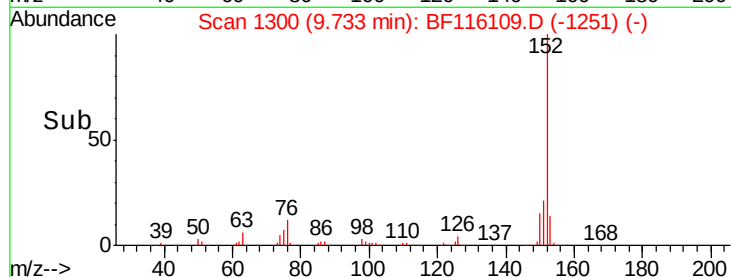
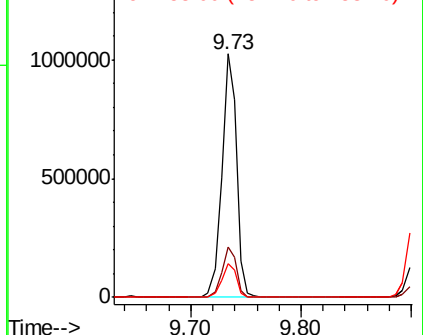
153 14.0 11.8 17.8



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: 46.217 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.01 min

Lab File: BF116109.D

Acq: 9 Aug 2019 13:25

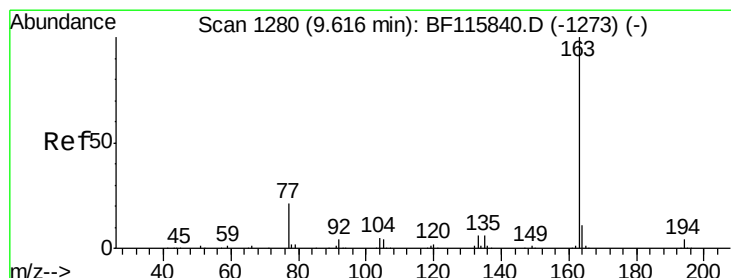
Tgt Ion:163 Resp: 809857

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

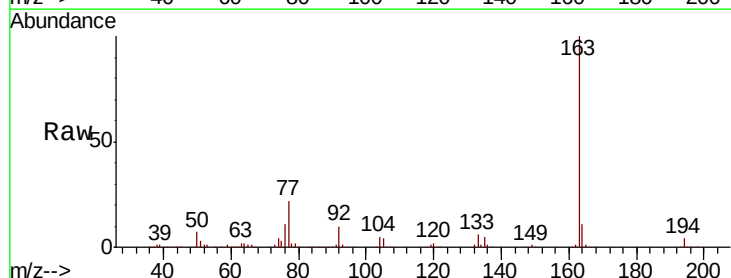
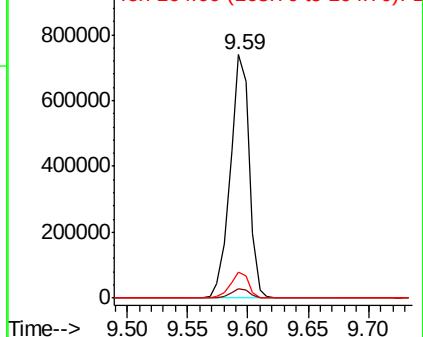
164 10.6 8.4 12.6

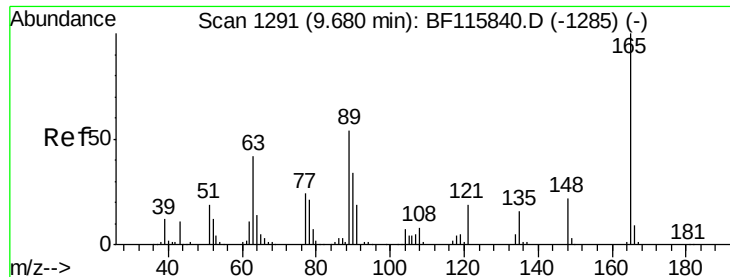


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

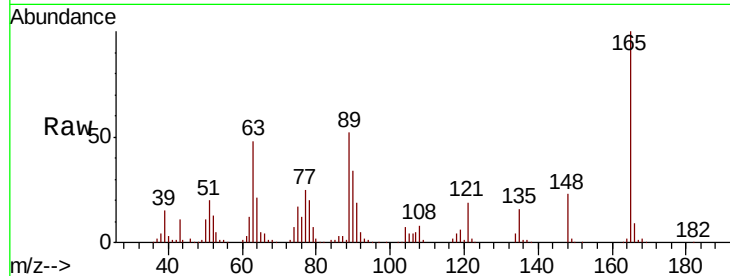




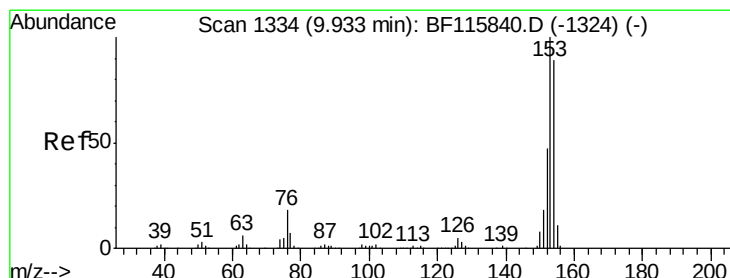
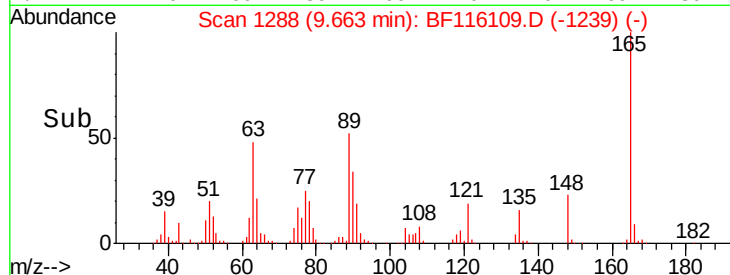
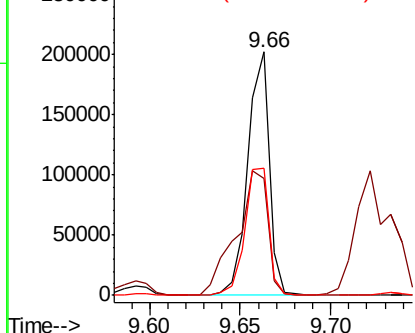
#51
 2,6-Dinitrotoluene
 Concen: 43.666 ng
 RT: 9.66 min Scan# 1288
 Delta R.T. -0.01 min
 Lab File: BF116109.D
 Acq: 9 Aug 2019 13:25

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 166283
 Ion Ratio Lower Upper
 165 100
 63 47.8 38.2 57.2
 89 52.0 42.9 64.3

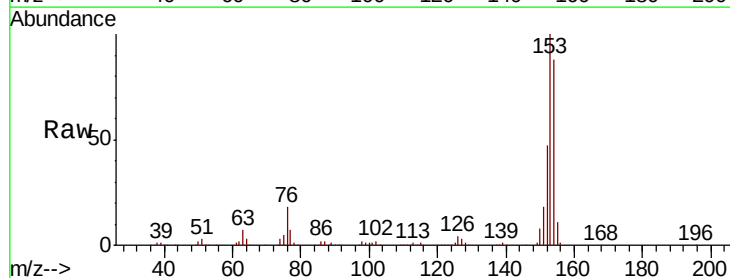


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

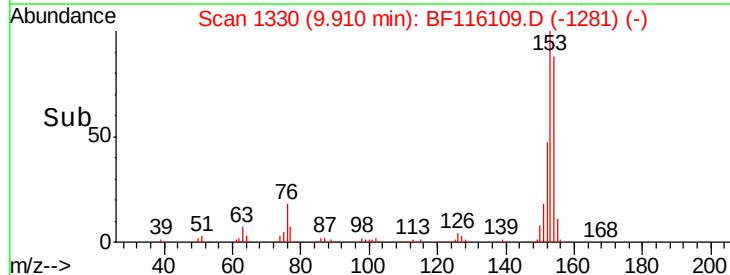
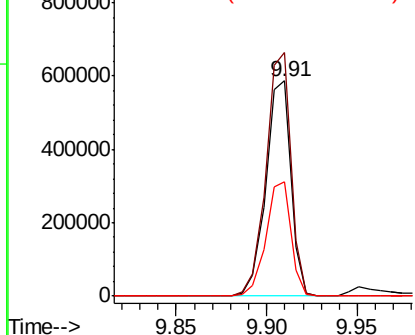


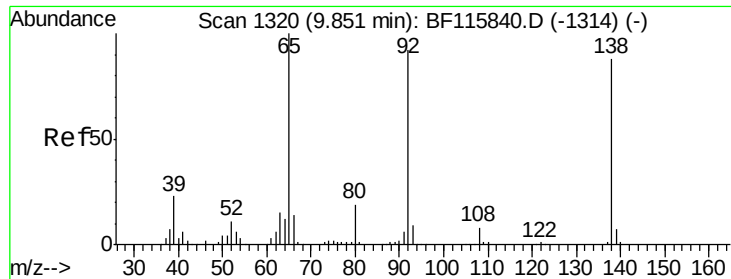
#52
 Acenaphthene
 Concen: 41.816 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF116109.D
 Acq: 9 Aug 2019 13:25

Tgt Ion:154 Resp: 565958
 Ion Ratio Lower Upper
 154 100
 153 113.2 89.4 134.0
 152 53.4 42.3 63.5



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

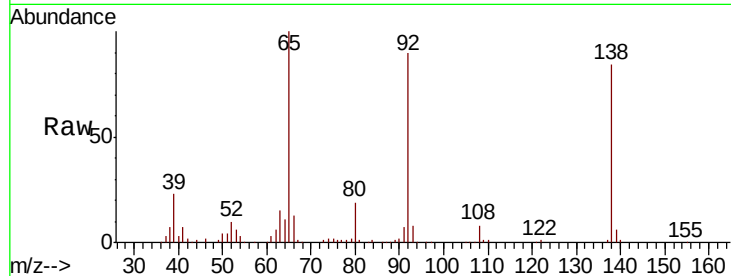




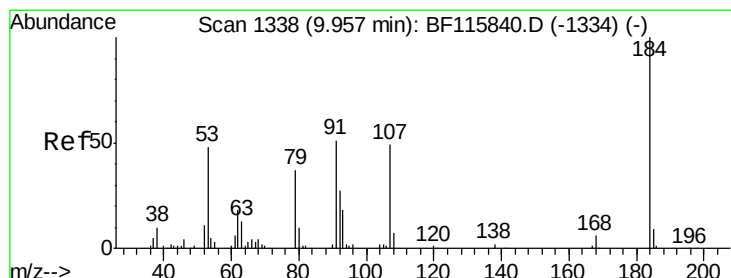
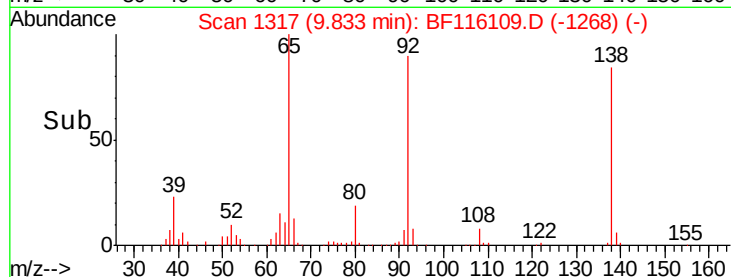
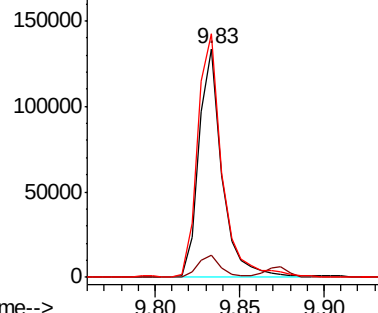
#53
3-Nitroaniline
Concen: 27.276 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF116109.D
Acq: 9 Aug 2019 13:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 128342
Ion Ratio Lower Upper
138 100
108 9.6 8.0 12.0
92 106.5 91.0 136.6

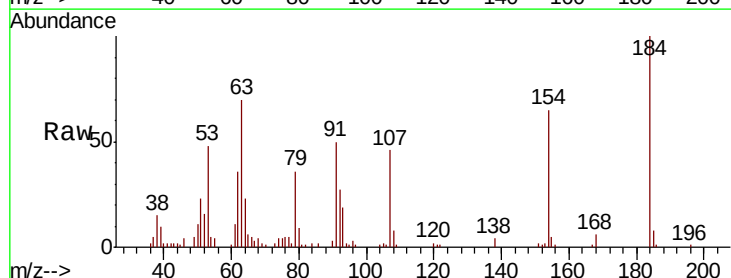


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

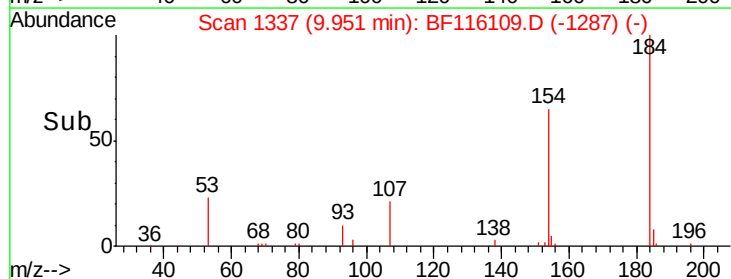
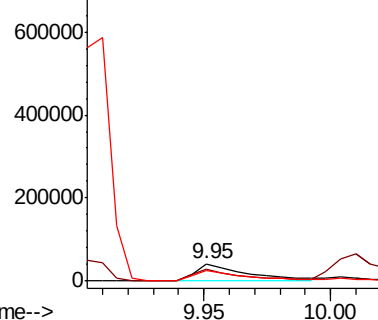


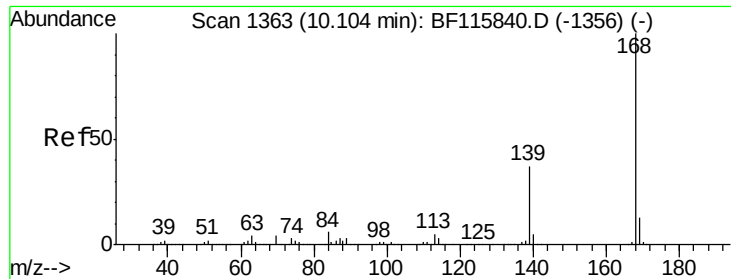
#54
2,4-Dinitrophenol
Concen: 35.106 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF116109.D
Acq: 9 Aug 2019 13:25

Tgt Ion:184 Resp: 58584
Ion Ratio Lower Upper
184 100
63 69.6 53.0 79.4
154 64.6 50.1 75.1



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

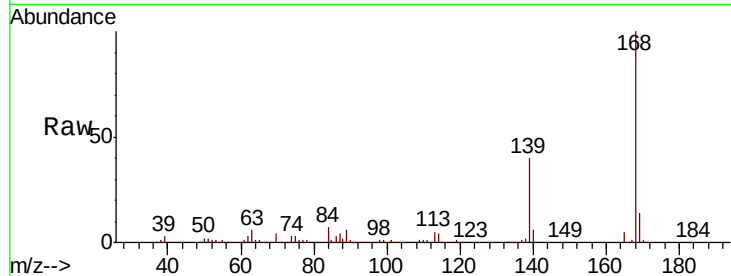




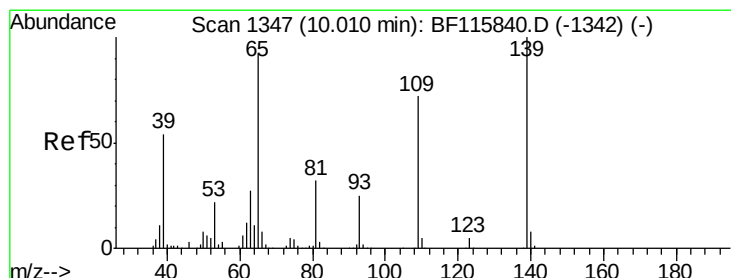
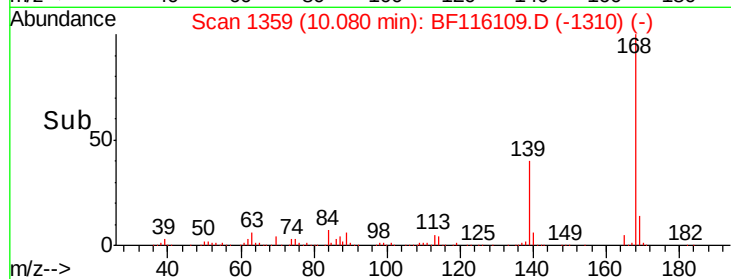
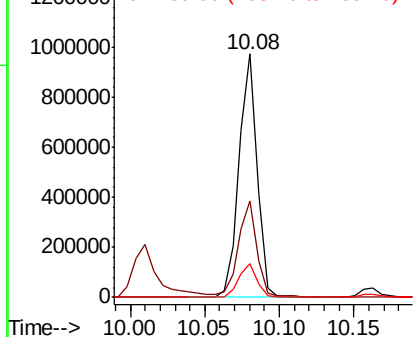
#55
Dibenzenofuran
Concen: 42.065 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF116109.D
Acq: 9 Aug 2019 13:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 827952
Ion Ratio Lower Upper
168 100
139 39.8 31.4 47.2
169 13.9 10.9 16.3

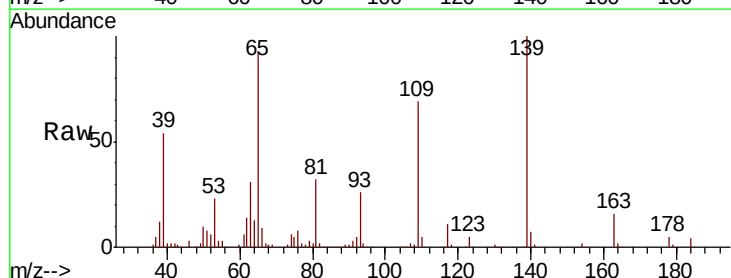


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

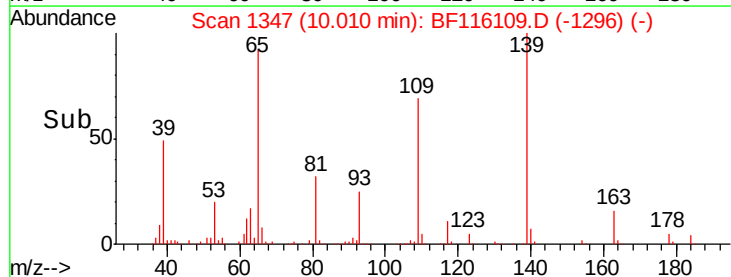
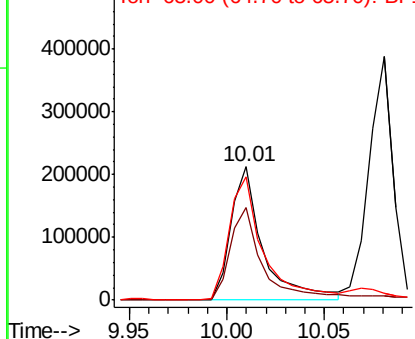


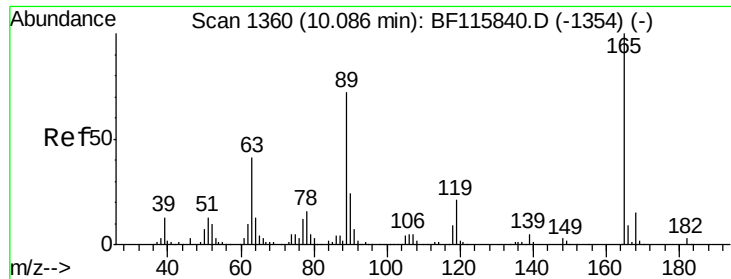
#56
4-Nitrophenol
Concen: 80.374 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BF116109.D
Acq: 9 Aug 2019 13:25

Tgt Ion:139 Resp: 242267
Ion Ratio Lower Upper
139 100
109 69.5 54.4 94.4
65 92.8 80.6 120.6



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

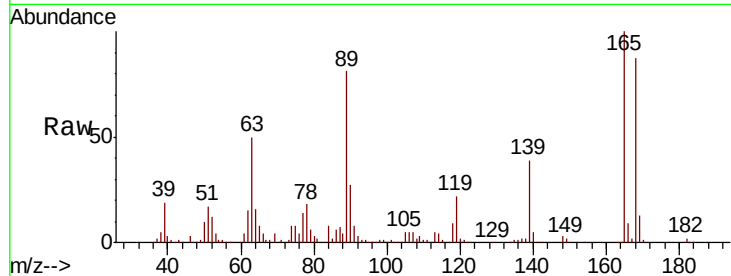




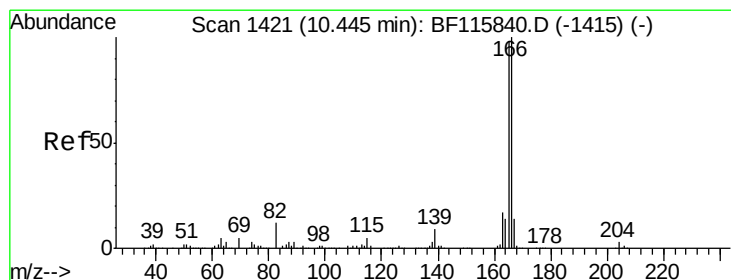
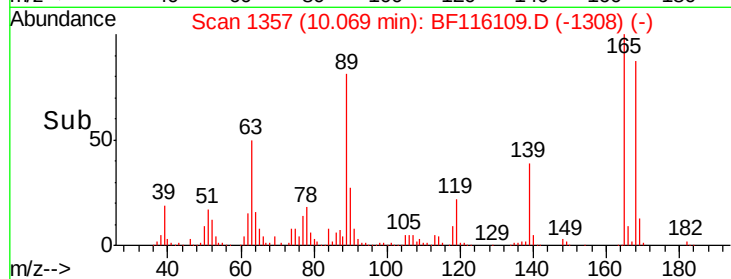
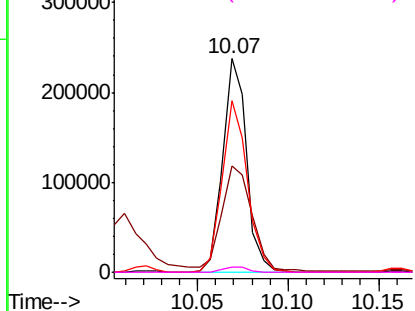
#57
 2,4-Dinitrotoluene
 Concen: 42.875 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. -0.01 min
 Lab File: BF116109.D
 Acq: 9 Aug 2019 13:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp: 217379
Ion Ratio	Lower Upper
165 100	
63 49.8	39.6 59.4
89 80.6	62.2 93.2
182 2.4	2.1 3.1

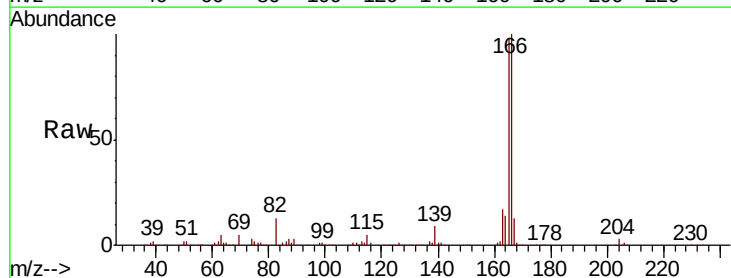


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

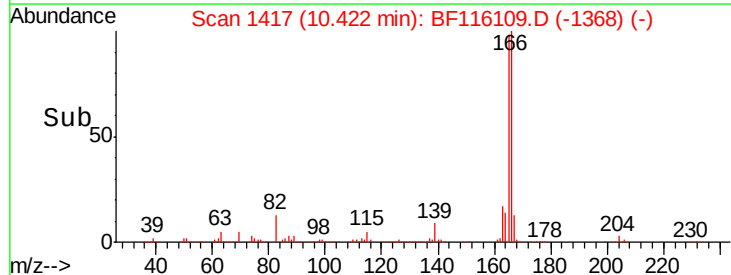
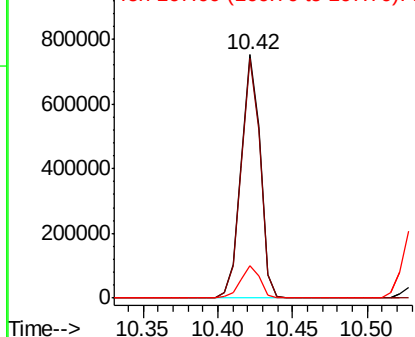


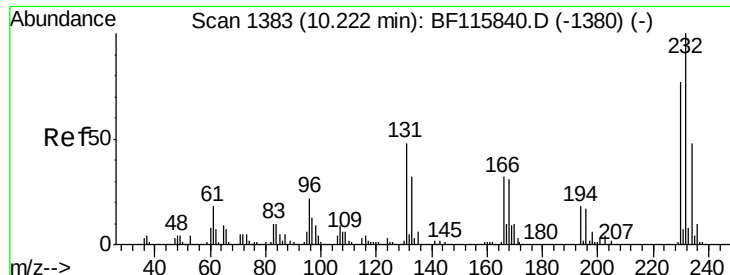
#58
 Fluorene
 Concen: 44.209 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF116109.D
 Acq: 9 Aug 2019 13:25

Tgt	Ion:166	Resp:	669475
Ion	Ratio	Lower	Upper
166	100		
165	98.5	78.4	117.6
167	13.3	11.0	16.4



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

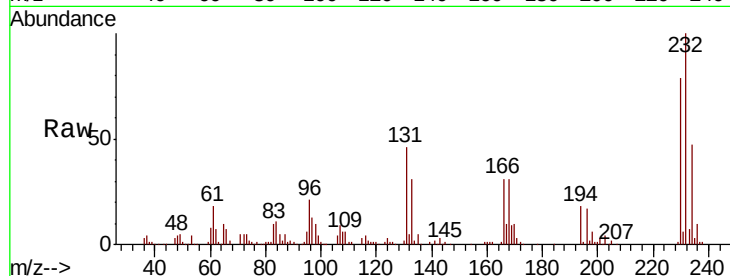




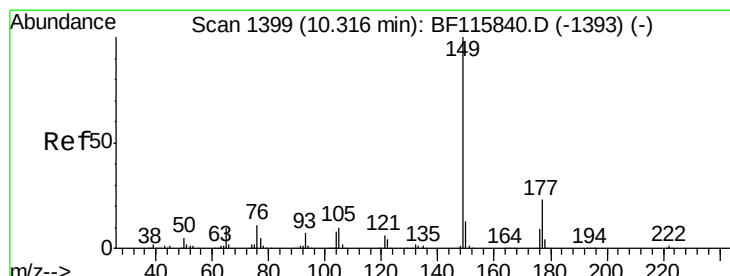
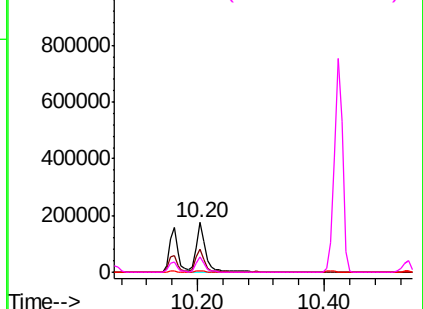
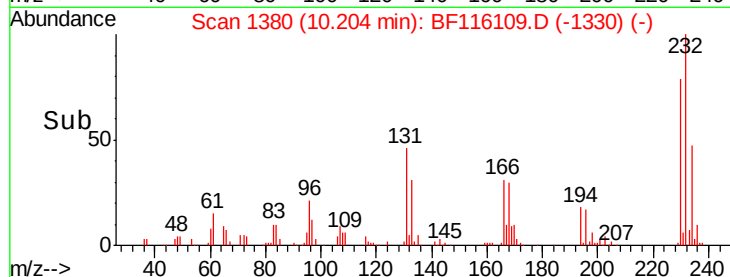
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.326 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. -0.01 min
 Lab File: BF116109.D
 Acq: 9 Aug 2019 13:25

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:232 Resp: 178438
 Ion Ratio Lower Upper
 232 100
 131 43.4 36.2 54.2
 130 2.2 1.9 2.9
 166 28.8 23.0 34.4

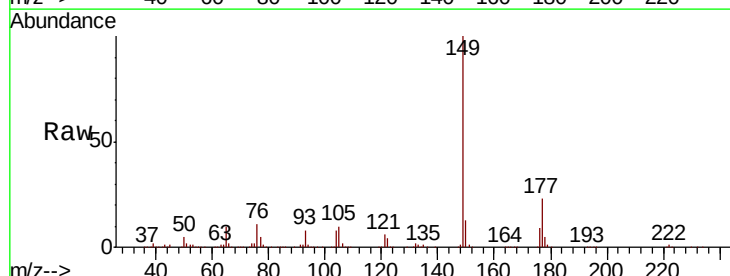


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

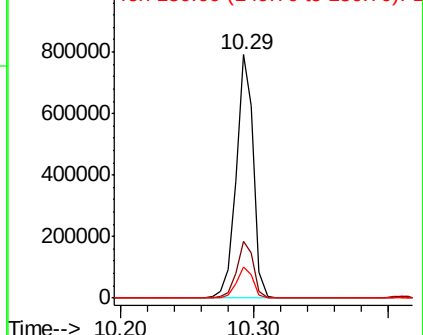
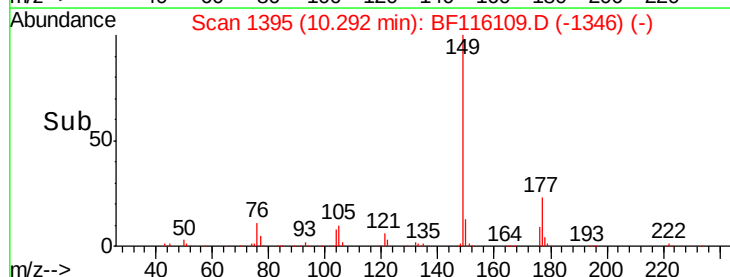


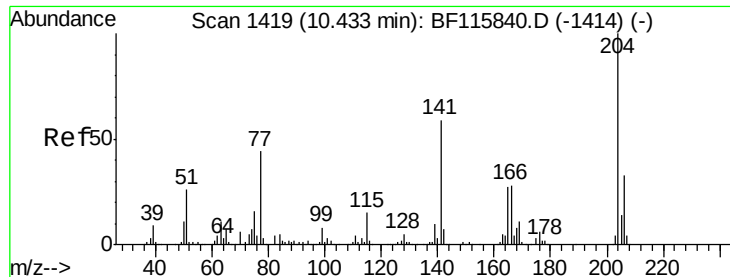
#60
 Diethylphthalate
 Concen: 43.427 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. -0.01 min
 Lab File: BF116109.D
 Acq: 9 Aug 2019 13:25

Tgt Ion:149 Resp: 710457
 Ion Ratio Lower Upper
 149 100
 177 23.1 18.8 28.2
 150 12.9 10.2 15.4



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

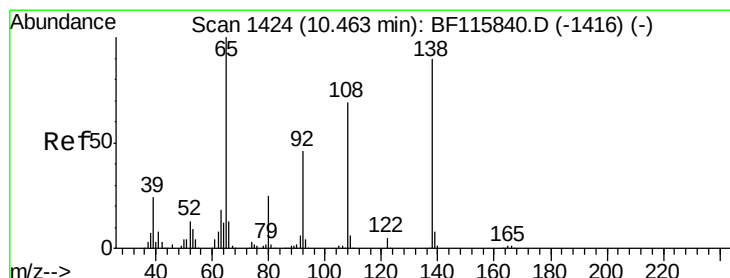
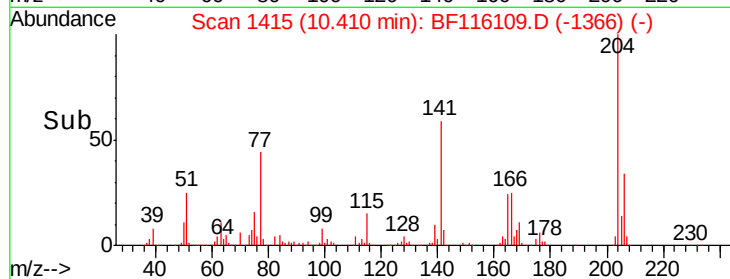
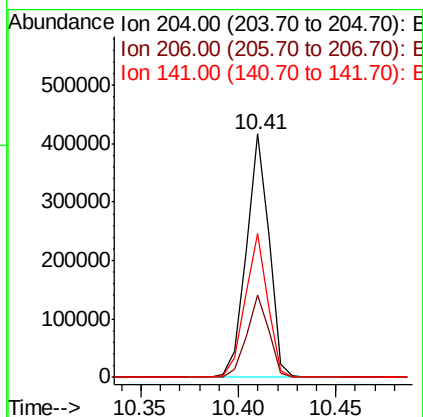
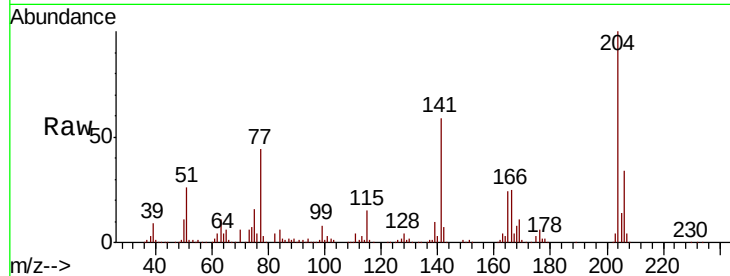




#61
 4-Chlorophenyl-phenylether
 Concen: 43.665 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. -0.01 min
 Lab File: BF116109.D
 Acq: 9 Aug 2019 13:25

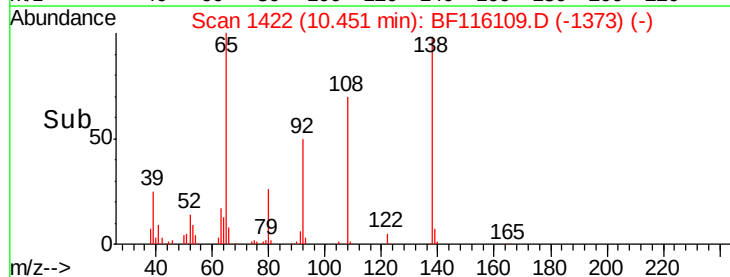
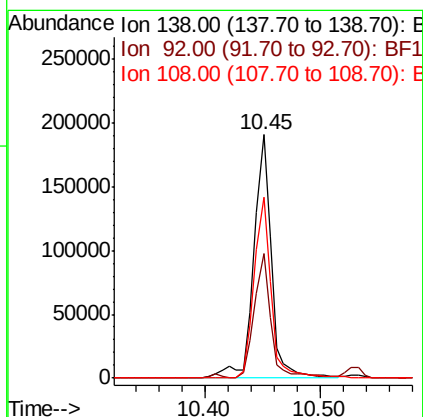
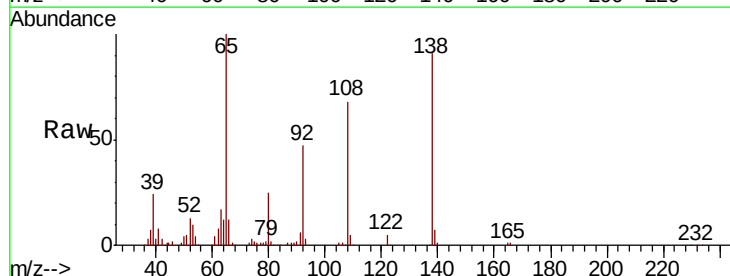
Instrument :
 BNA_F
 ClientSampleId :

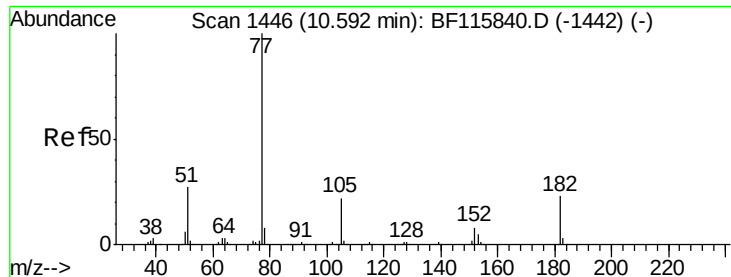
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.6	26.4	39.6
141	59.2	46.4	69.6



#62
 4-Nitroaniline
 Concen: 41.808 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BF116109.D
 Acq: 9 Aug 2019 13:25

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.0	29.0	69.0
108	74.5	54.7	94.7

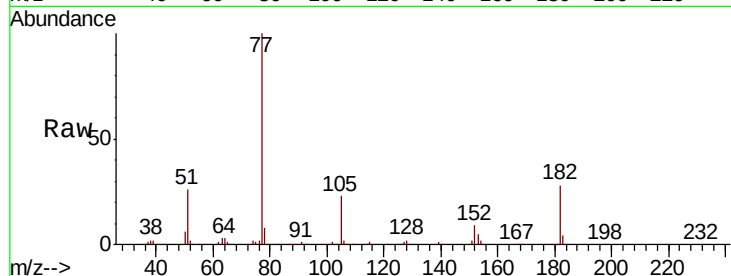




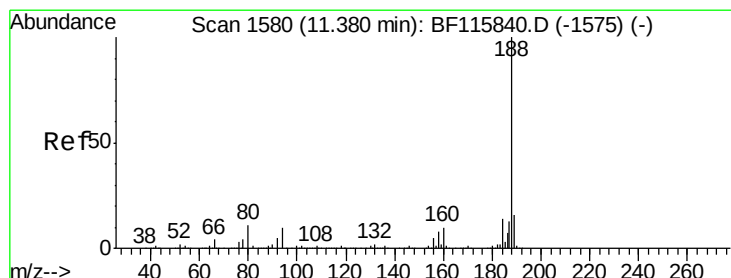
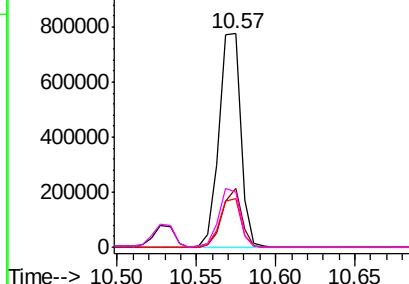
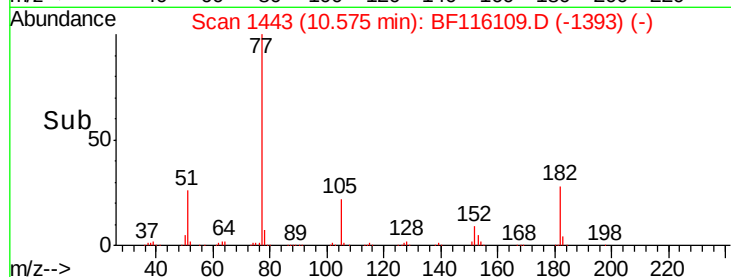
#63
Azobenzene
Concen: 43.747 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BF116109.D
Acq: 9 Aug 2019 13:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 736144
Ion Ratio Lower Upper
77 100
182 27.6 4.0 44.0
105 23.0 2.0 42.0
51 25.9 7.5 47.5

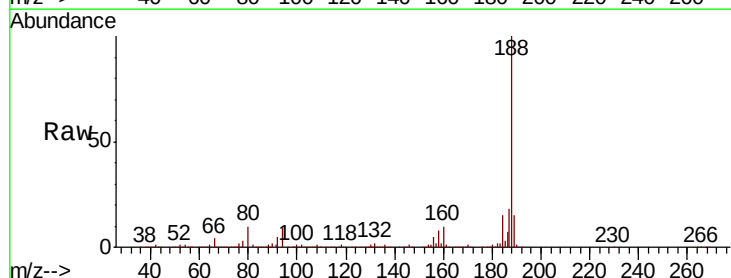


Abundance Ion 77.00 (76.70 to 77.70): BF1
1200000 Ion 182.00 (181.70 to 182.70): BF1
1000000 Ion 105.00 (104.70 to 105.70): BF1
500000 Ion 51.00 (50.70 to 51.70): BF1
0

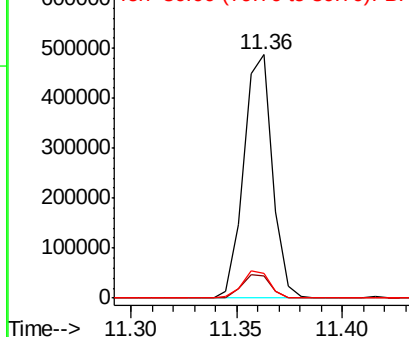
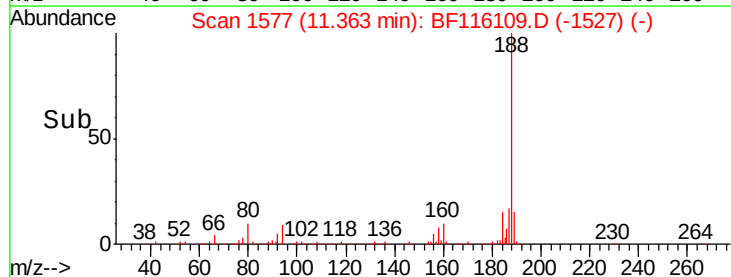


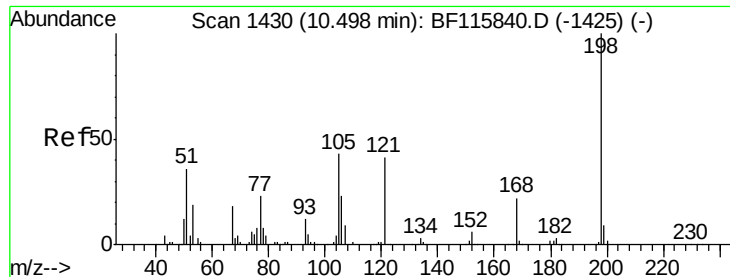
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF116109.D
Acq: 9 Aug 2019 13:25

Tgt Ion: 188 Resp: 460184
Ion Ratio Lower Upper
188 100
94 9.3 8.1 12.1
80 10.1 8.7 13.1



Abundance Ion 188.00 (187.70 to 188.70): BF1
600000 Ion 94.00 (93.70 to 94.70): BF1
500000 Ion 80.00 (79.70 to 80.70): BF1
400000
300000
200000
100000
0

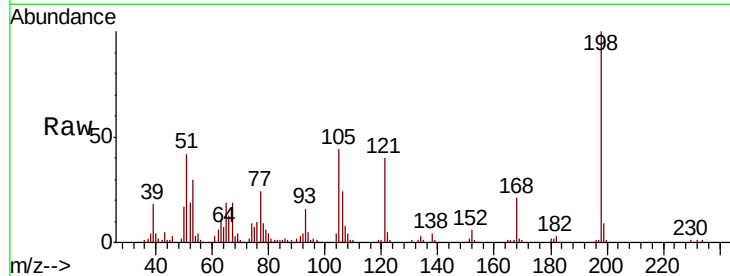




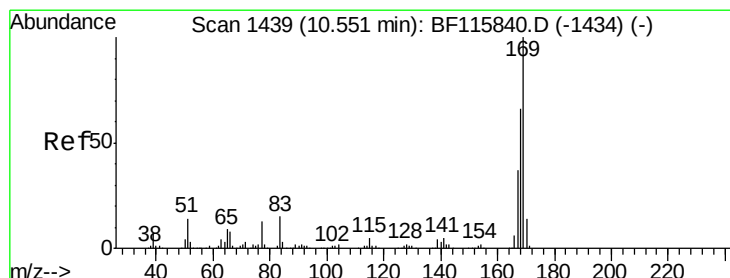
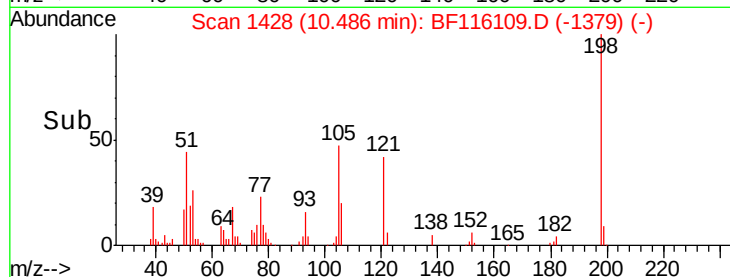
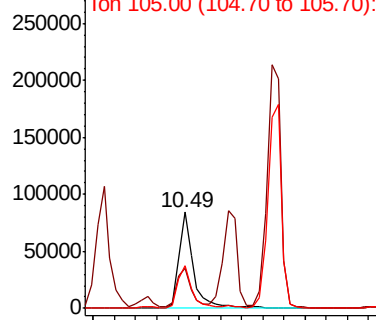
#65
 4,6-Dinitro-2-methylphenol
 Concen: 33.409 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF116109.D
 Acq: 9 Aug 2019 13:25

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:198 Resp: 81474
 Ion Ratio Lower Upper
 198 100
 51 41.8 17.0 57.0
 105 43.9 21.6 61.6

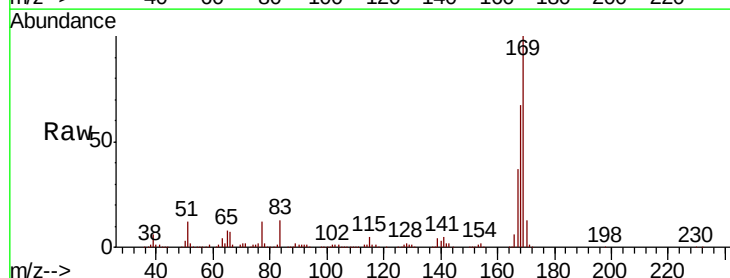


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

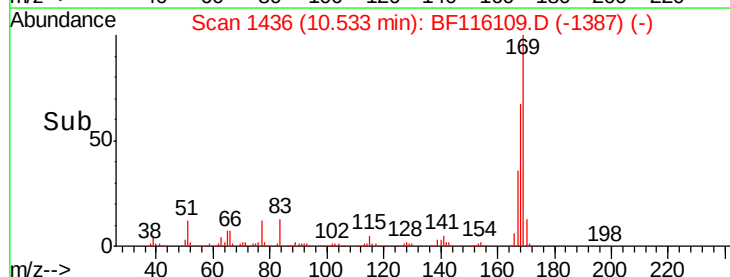
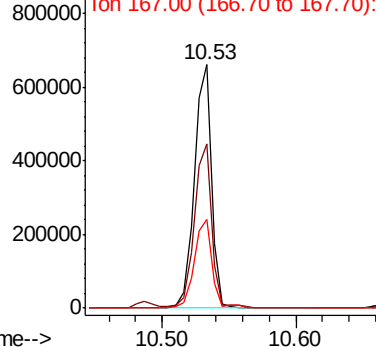


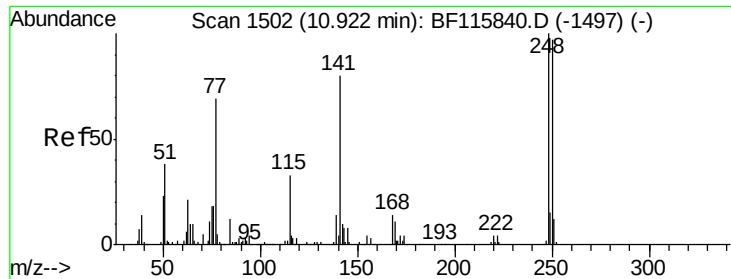
#66
 n-Nitrosodiphenylamine
 Concen: 43.260 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.01 min
 Lab File: BF116109.D
 Acq: 9 Aug 2019 13:25

Tgt Ion:169 Resp: 599192
 Ion Ratio Lower Upper
 169 100
 168 67.3 53.8 80.6
 167 36.5 29.6 44.4



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

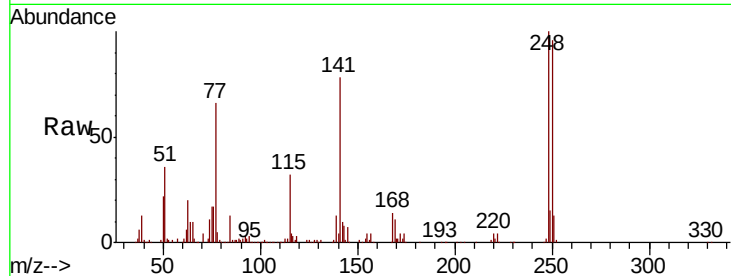




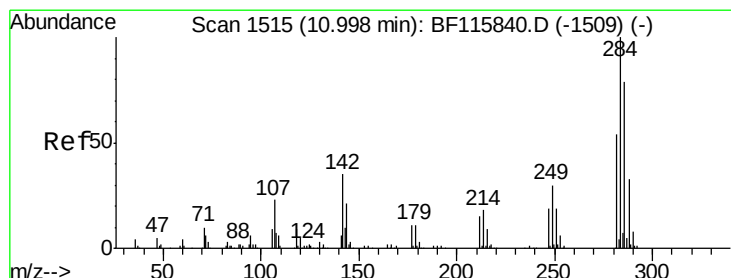
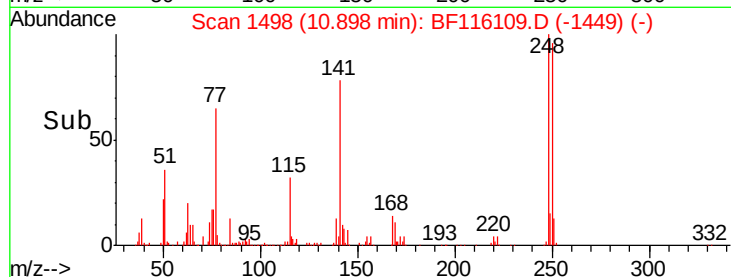
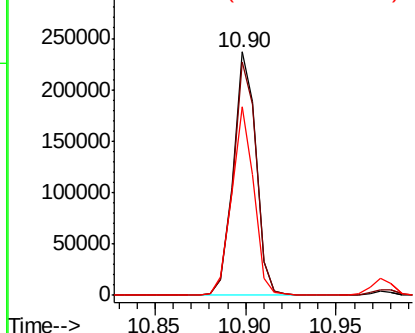
#67
 4-Bromophenyl-phenylether
 Concen: 42.106 ng
 RT: 10.90 min Scan# 1498
 Delta R.T. -0.01 min
 Lab File: BF116109.D
 Acq: 9 Aug 2019 13:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.0	77.4	116.2
141	77.6	56.8	85.2

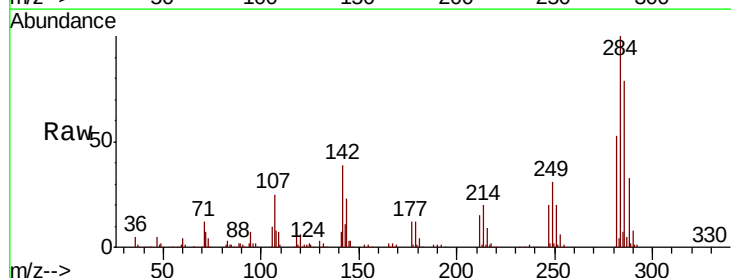


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

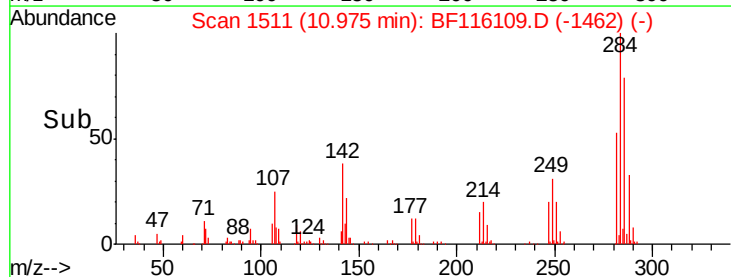
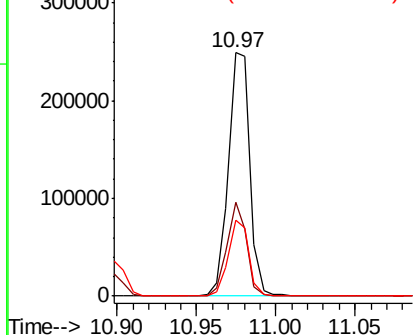


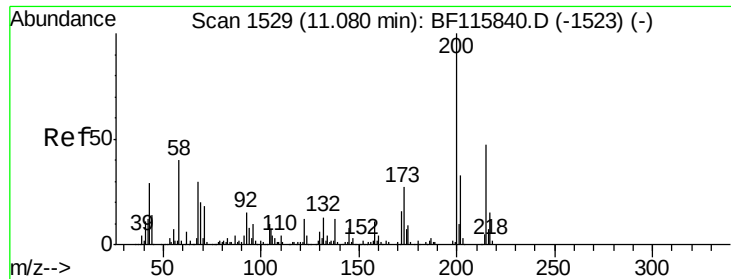
#68
 Hexachlorobenzene
 Concen: 41.082 ng
 RT: 10.97 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BF116109.D
 Acq: 9 Aug 2019 13:25

Tgt Ion	Ratio	Lower	Upper
284	100		
142	38.7	28.4	42.6
249	31.1	24.5	36.7



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E

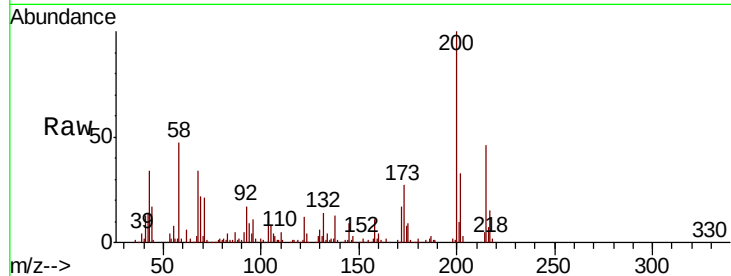




#69
Atrazine
Concen: 43.388 ng
RT: 11.06 min Scan# 1525
Delta R.T. -0.01 min
Lab File: BF116109.D
Acq: 9 Aug 2019 13:25

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.3	6.8	46.8
215	45.9	27.5	67.5

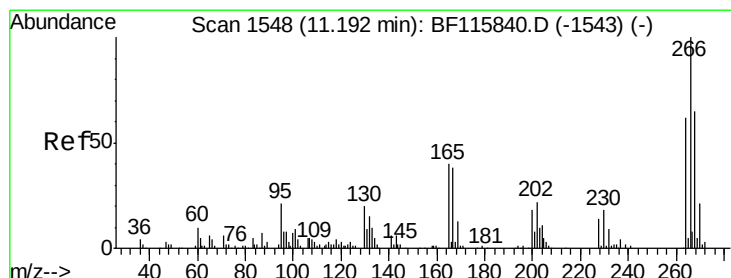
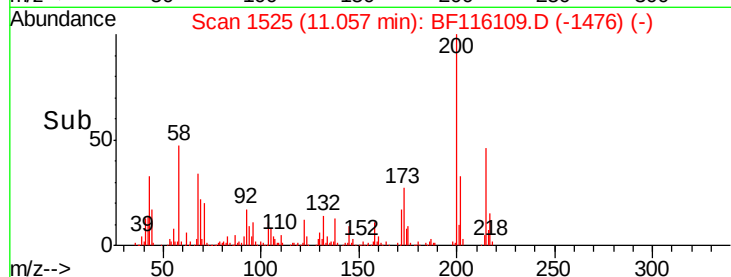
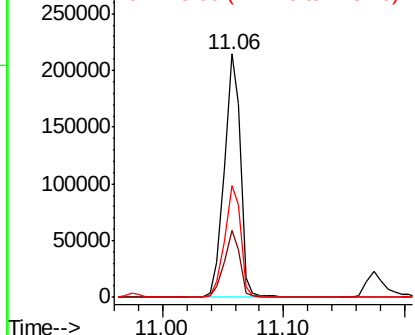


Abundance

Ion 200.00 (199.70 to 200.70): E

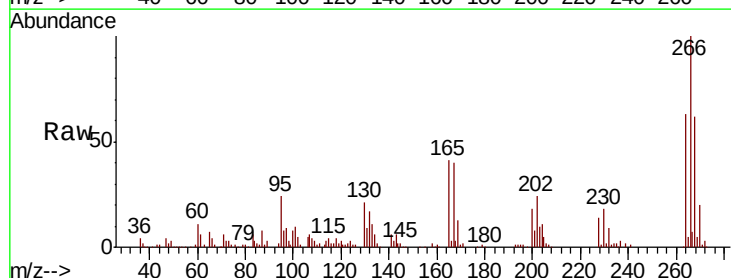
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 57.624 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.01 min
Lab File: BF116109.D
Acq: 9 Aug 2019 13:25

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.7	48.8	73.2
264	63.0	50.6	76.0

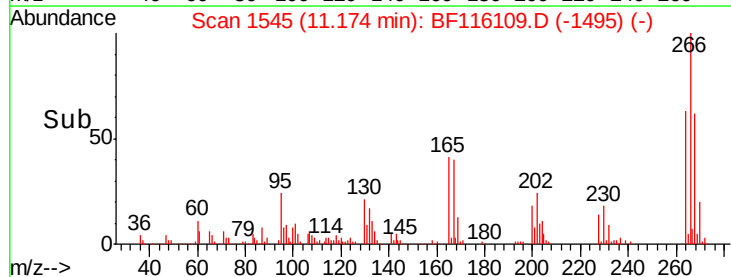
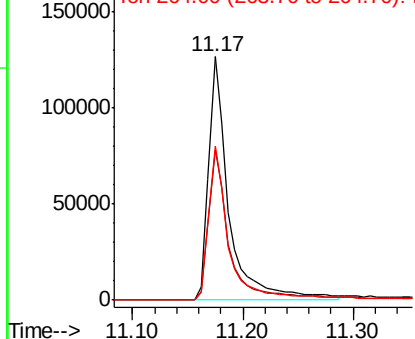


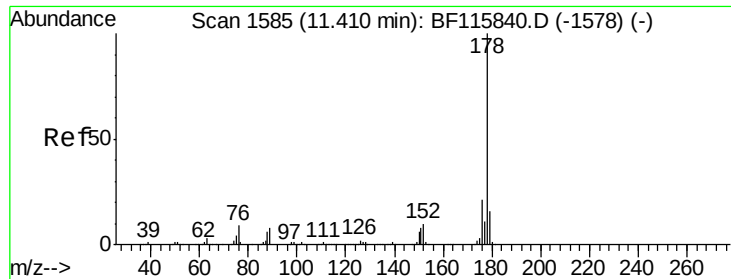
Abundance

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

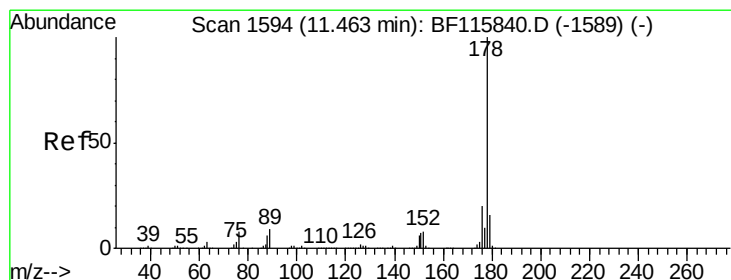
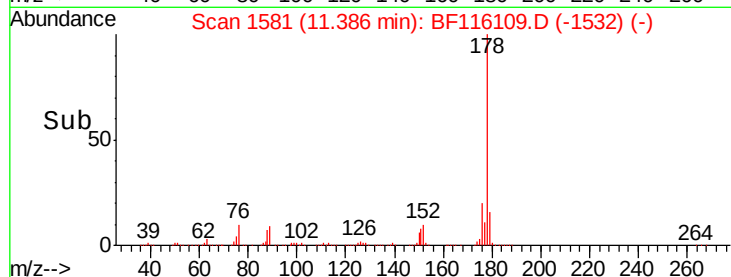
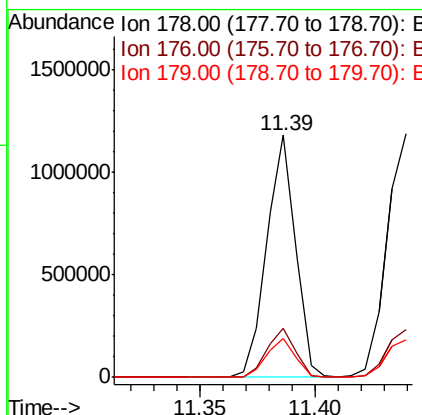
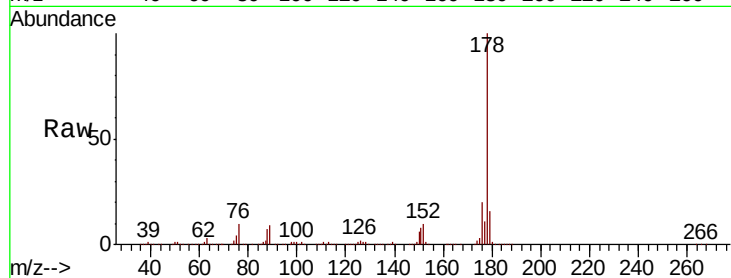




#71
Phenanthrene
Concen: 43.519 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF116109.D
Acq: 9 Aug 2019 13:25

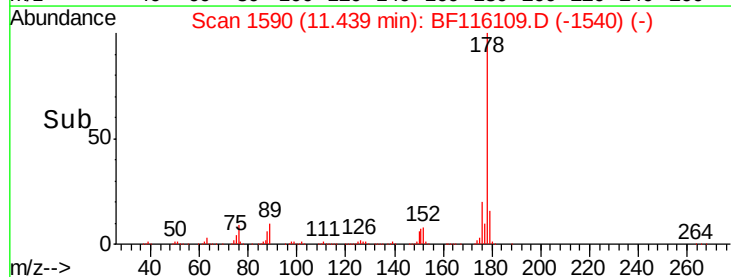
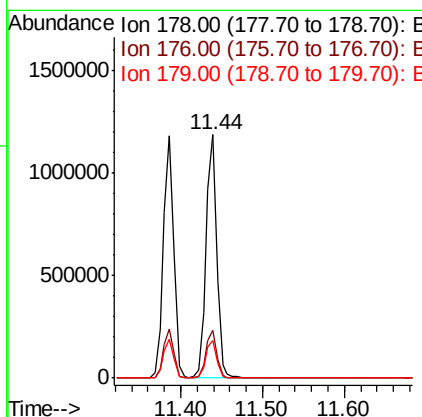
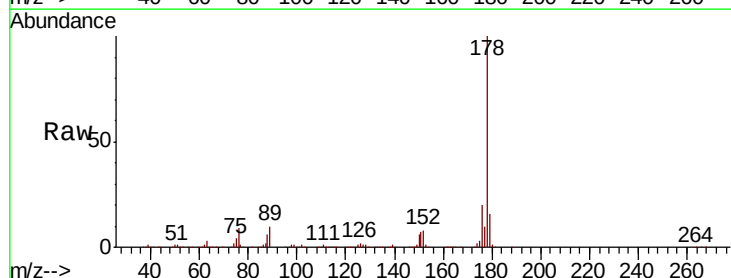
Instrument :
BNA_F
ClientSampleId :

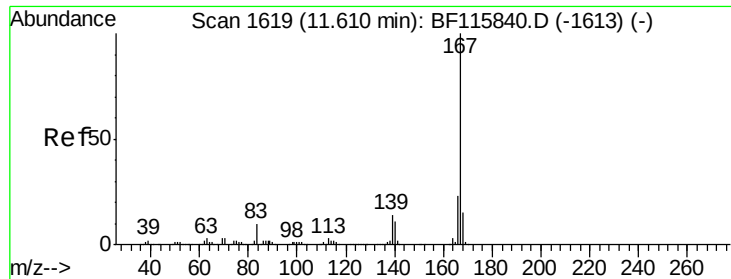
Tot Ion:178 Resp: 1023813
Ion Ratio Lower Upper
178 100
176 20.4 16.6 24.8
179 15.8 12.5 18.7



#72
Anthracene
Concen: 45.390 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF116109.D
Acq: 9 Aug 2019 13:25

Tgt Ion:178 Resp: 1080678
Ion Ratio Lower Upper
178 100
176 19.7 15.7 23.5
179 15.7 13.0 19.6

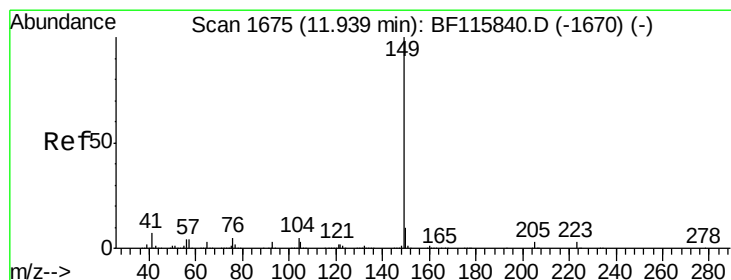
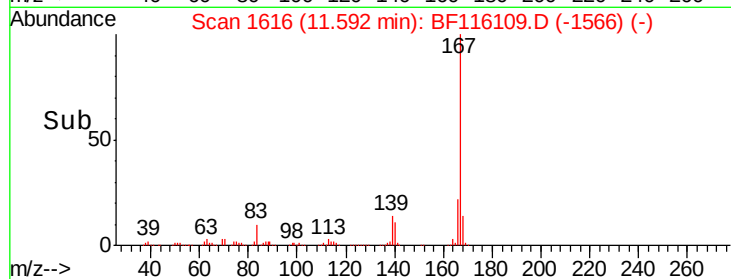
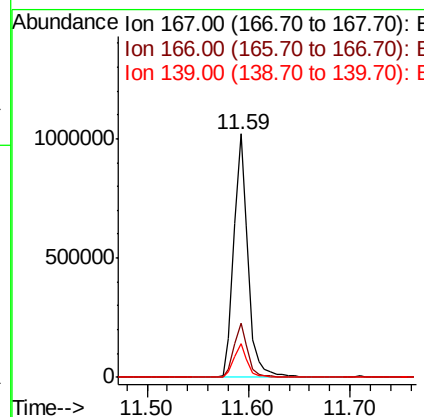
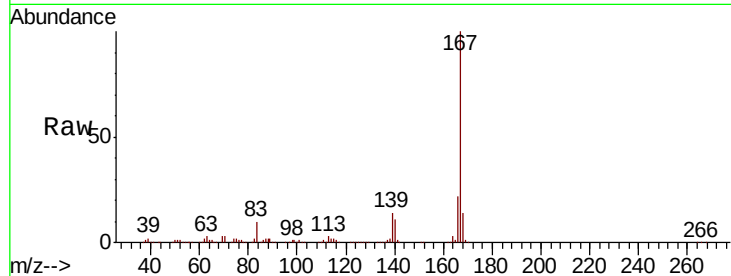




#73
 Carbazole
 Concen: 45.942 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. -0.01 min
 Lab File: BF116109.D
 Acq: 9 Aug 2019 13:25

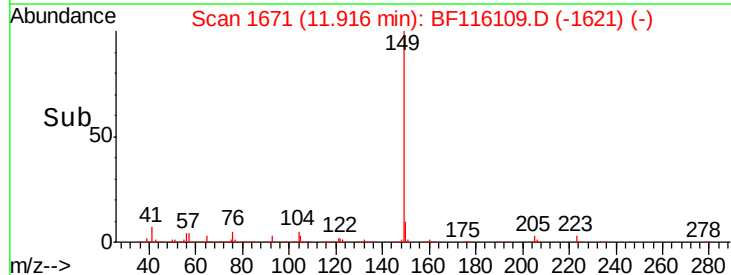
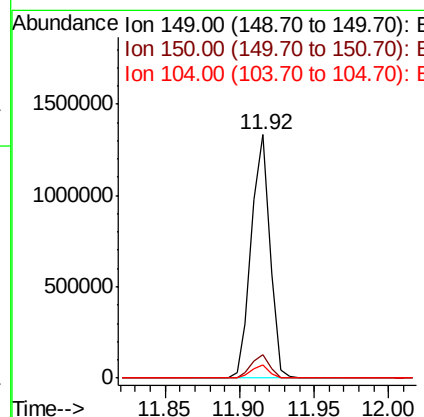
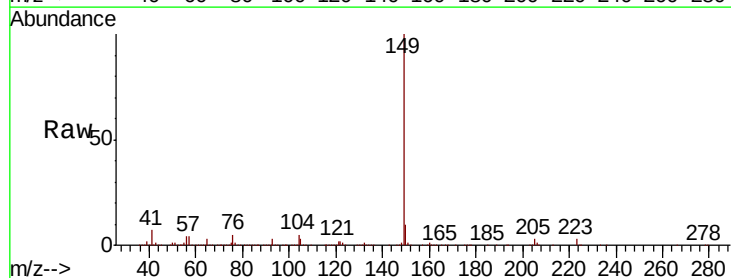
Instrument :
 BNA_F
 ClientSampleId :

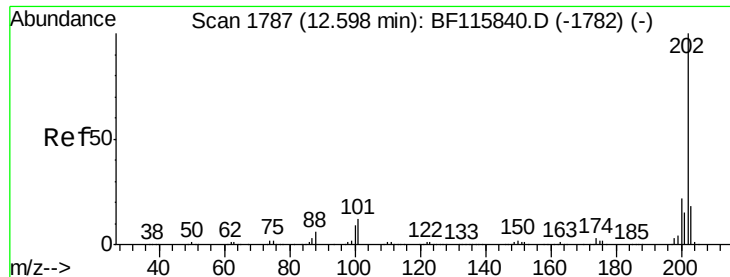
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.8	26.6
139	13.9	11.4	17.0



#74
 Di-n-butylphthalate
 Concen: 45.851 ng
 RT: 11.92 min Scan# 1671
 Delta R.T. -0.01 min
 Lab File: BF116109.D
 Acq: 9 Aug 2019 13:25

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	8.0	12.0
104	5.2	4.5	6.7





#75

Fluoranthene

Concen: 45.622 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BF116109.D

Acq: 9 Aug 2019 13:25

Instrument :

BNA_F

ClientSampleId :

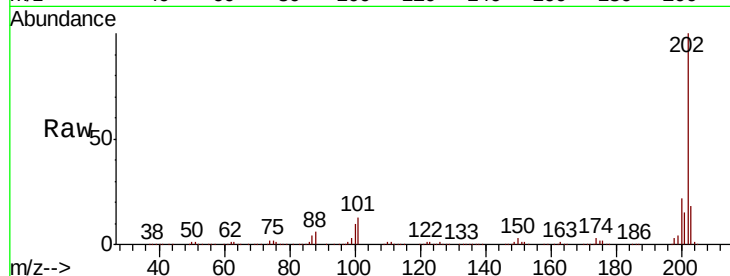
Tot Ion:202 Resp: 1123614

Ion Ratio Lower Upper

202 100

101 13.0 0.0 31.2

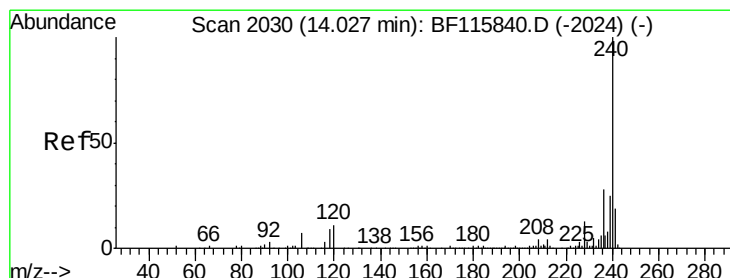
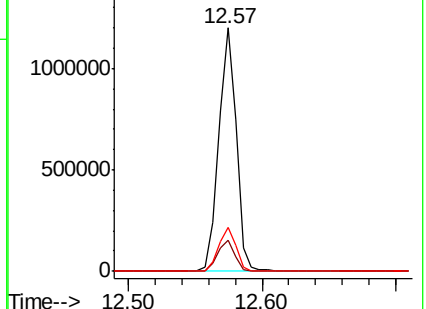
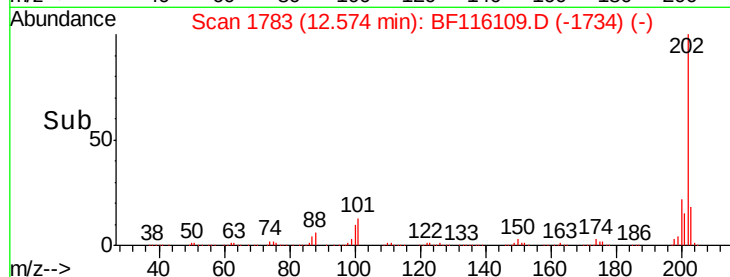
203 18.2 0.0 37.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF116109.D

Acq: 9 Aug 2019 13:25

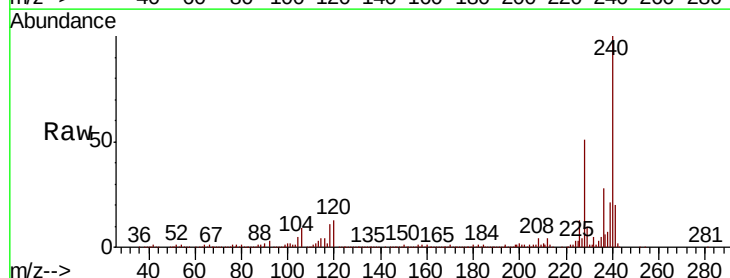
Tgt Ion:240 Resp: 354987

Ion Ratio Lower Upper

240 100

120 12.7 10.7 16.1

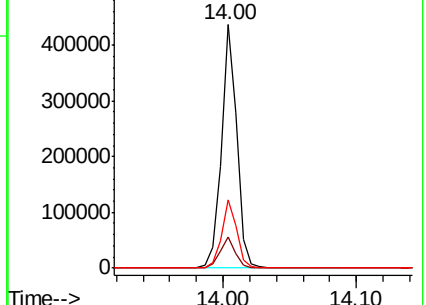
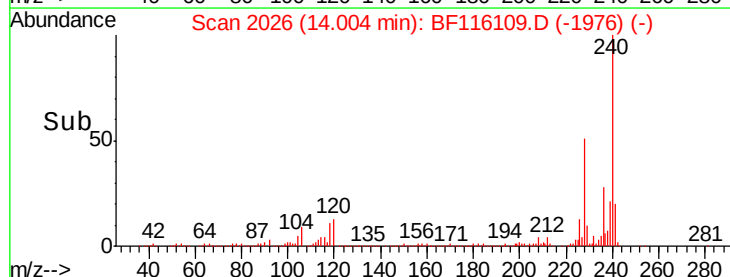
236 27.8 22.2 33.2

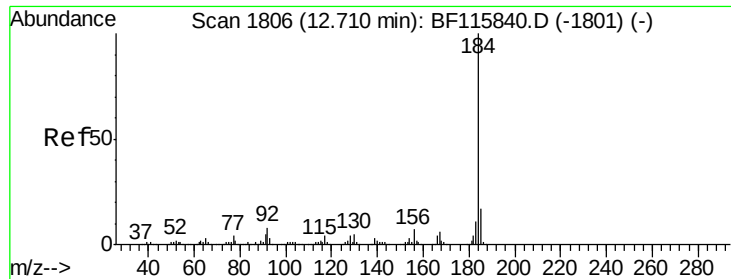


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 38.610 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF116109.D

Acq: 9 Aug 2019 13:25

Instrument :

BNA_F

ClientSampled :

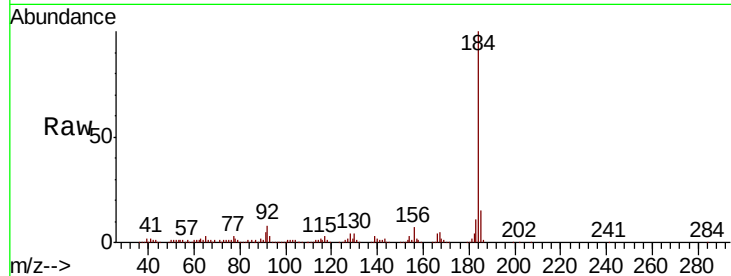
Tot Ion:184 Resp: 463042

Ion Ratio Lower Upper

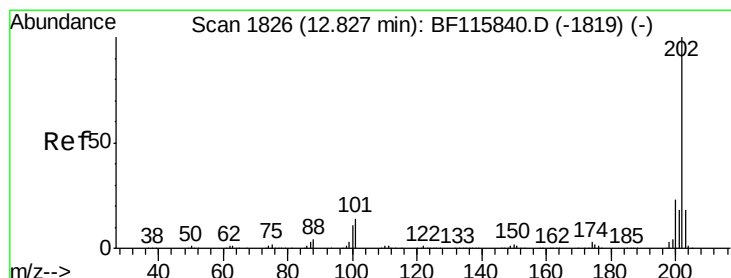
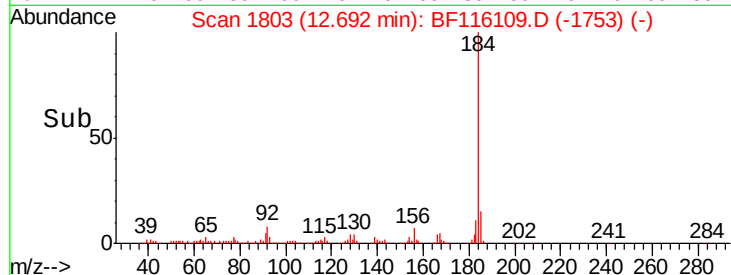
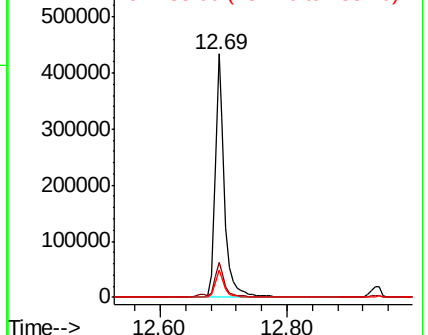
184 100

185 14.5 12.8 19.2

183 11.2 9.4 14.0



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.168 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BF116109.D

Acq: 9 Aug 2019 13:25

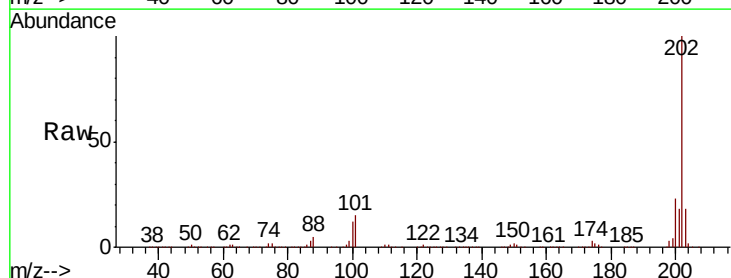
Tgt Ion:202 Resp: 1155141

Ion Ratio Lower Upper

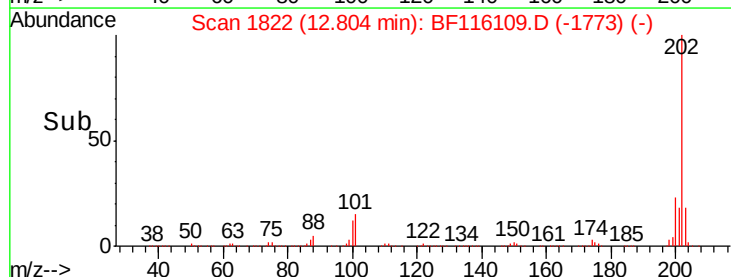
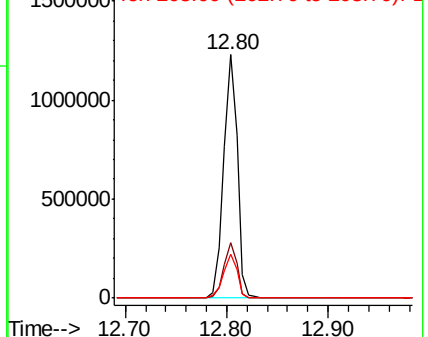
202 100

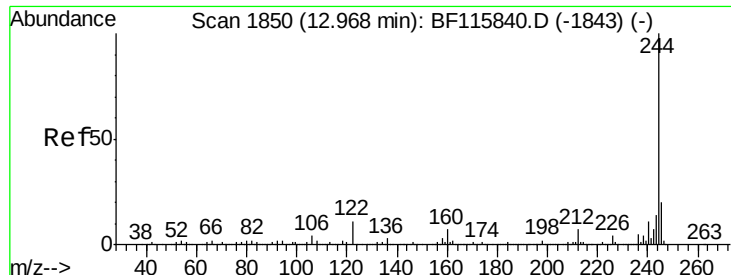
200 22.5 18.0 27.0

203 17.9 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

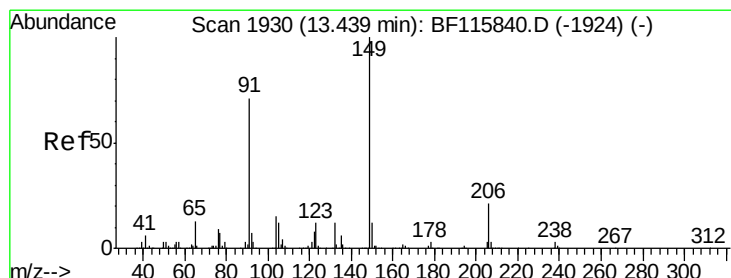
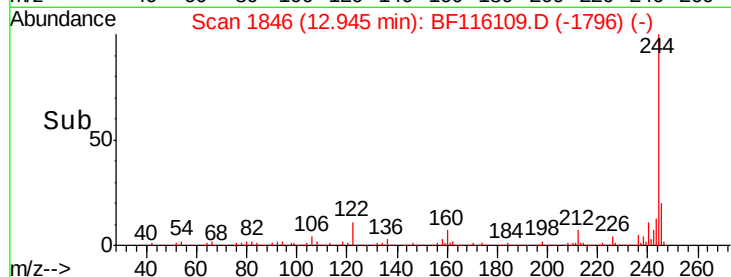
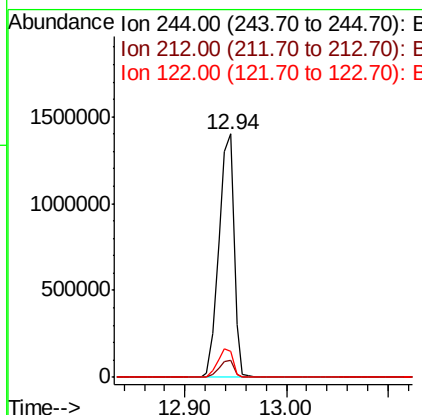
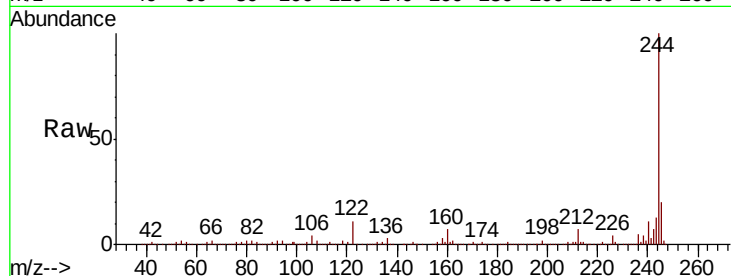




#79
 Terphenyl-d14
 Concen: 86.468 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF116109.D
 Acq: 9 Aug 2019 13:25

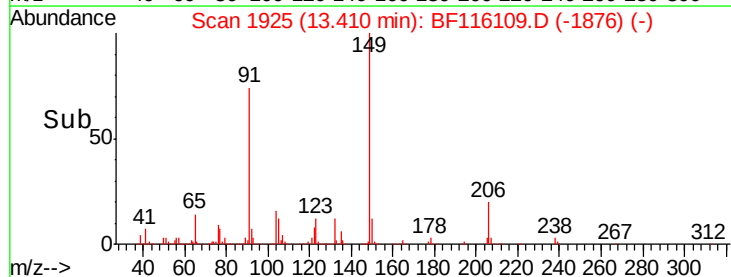
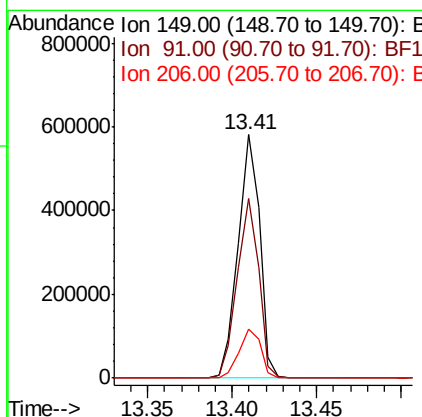
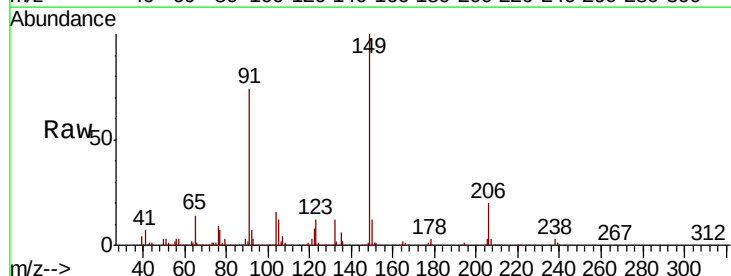
Instrument :
 BNA_F
 ClientSampleId :

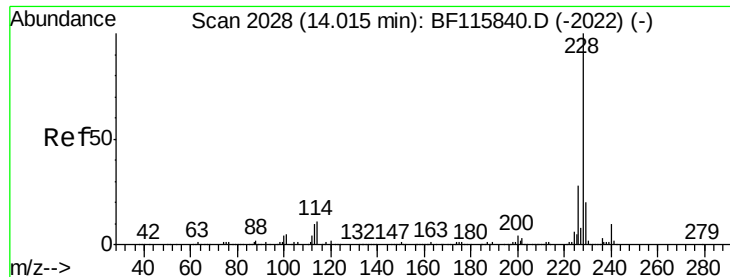
Tot Ion:244 Resp: 1456695
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 10.7 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 45.864 ng
 RT: 13.41 min Scan# 1925
 Delta R.T. -0.01 min
 Lab File: BF116109.D
 Acq: 9 Aug 2019 13:25

Tgt Ion:149 Resp: 519147
 Ion Ratio Lower Upper
 149 100
 91 73.5 56.3 84.5
 206 20.3 18.0 27.0





#81

Benzo(a)anthracene

Concen: 43.499 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF116109.D

Acq: 9 Aug 2019 13:25

Instrument :

BNA_F

ClientSampled :

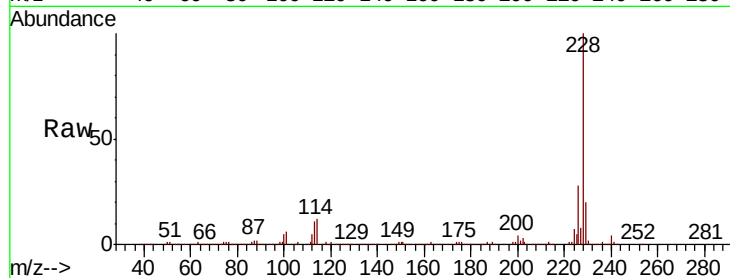
Tot Ion:228 Resp: 986972

Ion Ratio Lower Upper

228 100

226 28.1 22.7 34.1

229 20.4 16.2 24.4

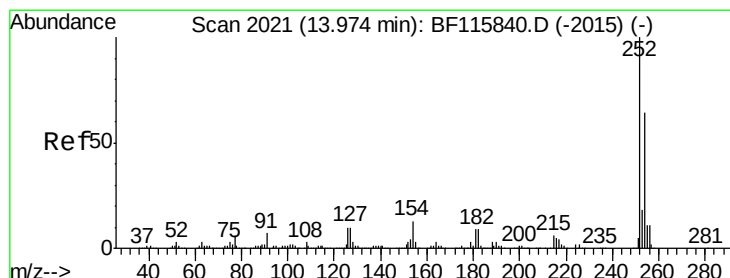
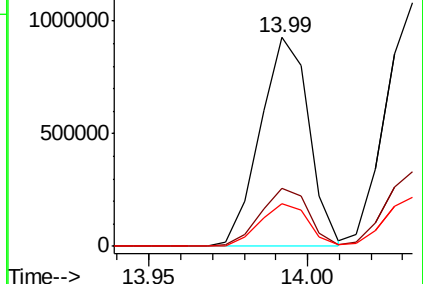
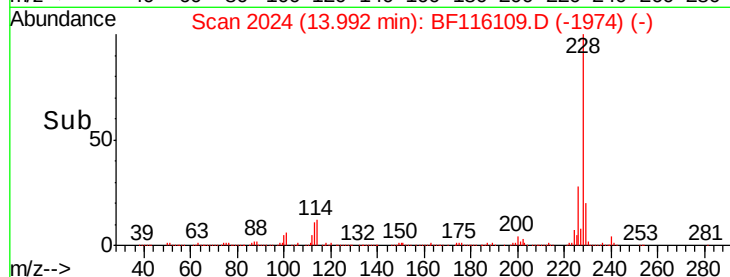


Abundance

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: 26.760 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF116109.D

Acq: 9 Aug 2019 13:25

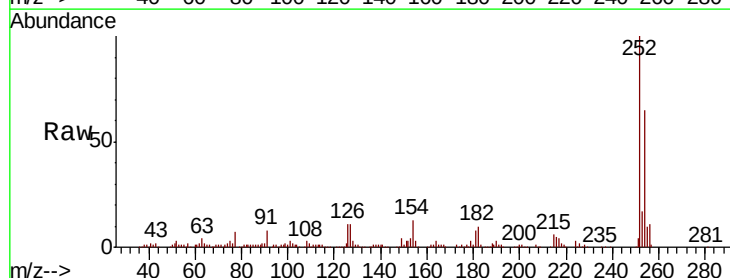
Tgt Ion:252 Resp: 210944

Ion Ratio Lower Upper

252 100

254 65.3 50.9 76.3

126 11.0 9.8 14.8

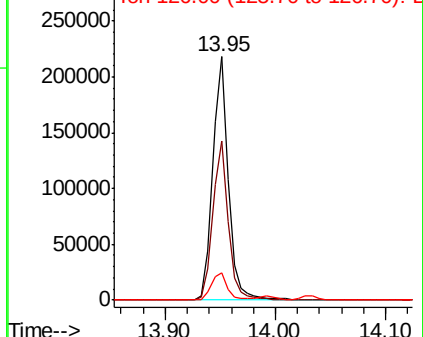
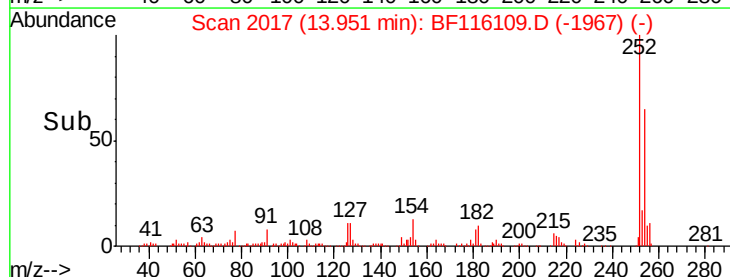


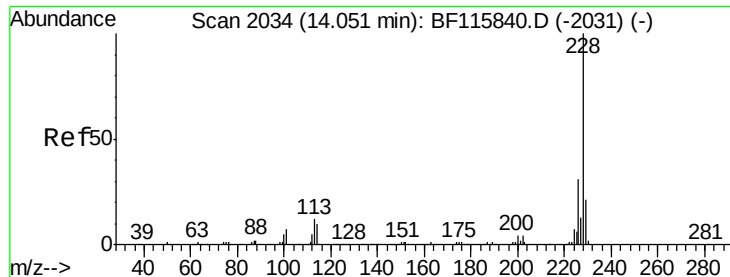
Abundance

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

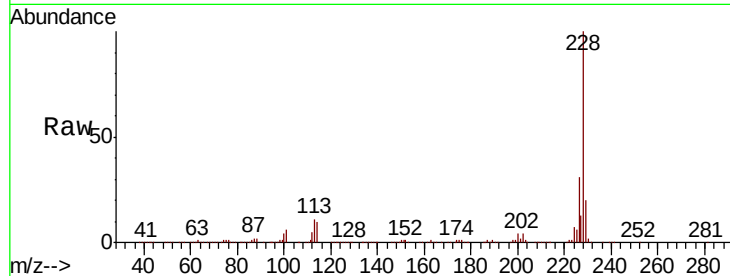




#83
 Chrysene
 Concen: 43.968 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF116109.D
 Acq: 9 Aug 2019 13:25

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.5	38.3
229	19.9	16.6	24.8

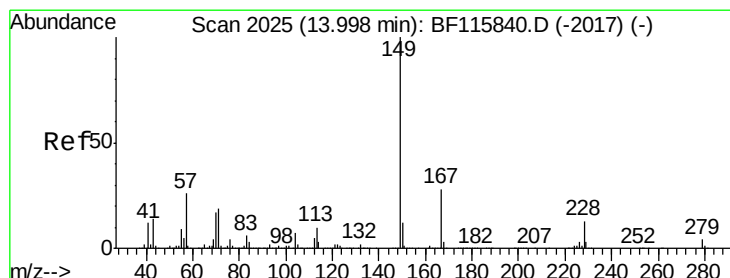
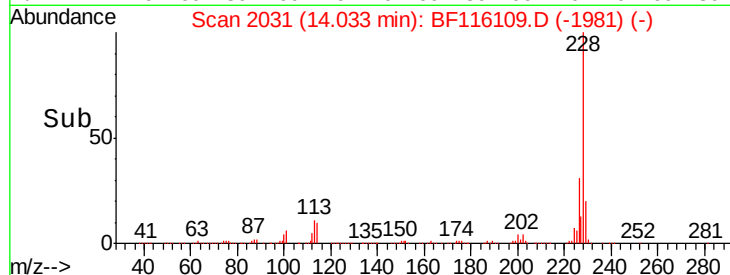
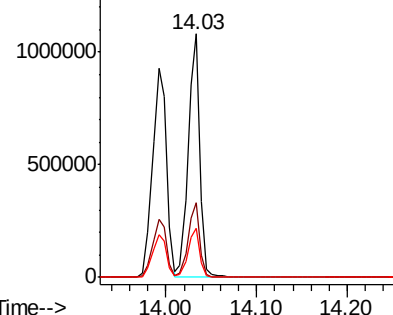


Abundance

Ion 228.00 (227.70 to 228.70): E

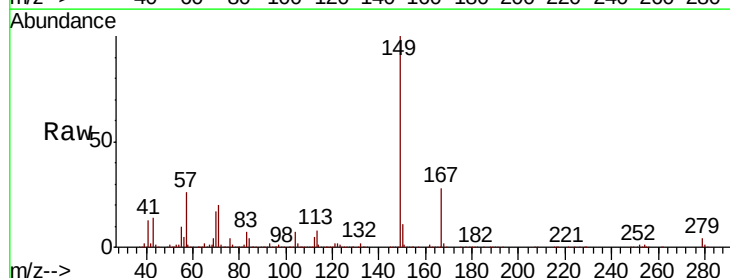
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 48.876 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF116109.D
 Acq: 9 Aug 2019 13:25

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.0	21.6	32.4
279	4.0	3.0	4.4

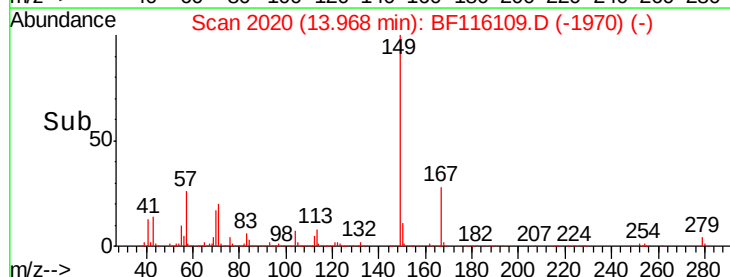
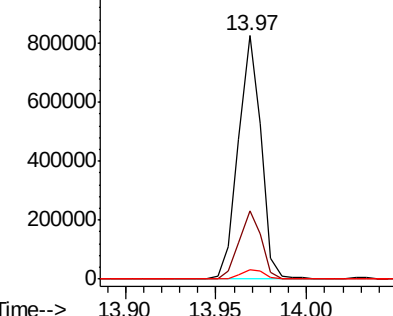


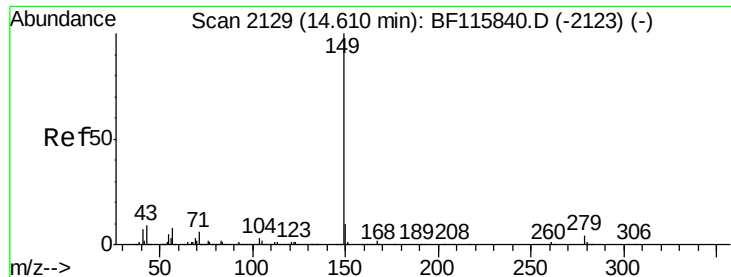
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

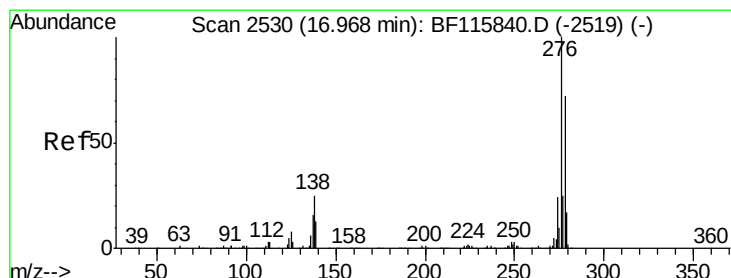
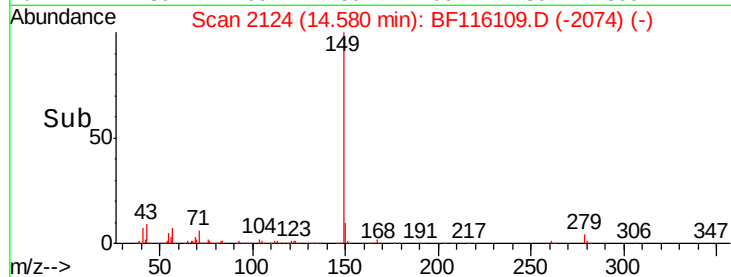
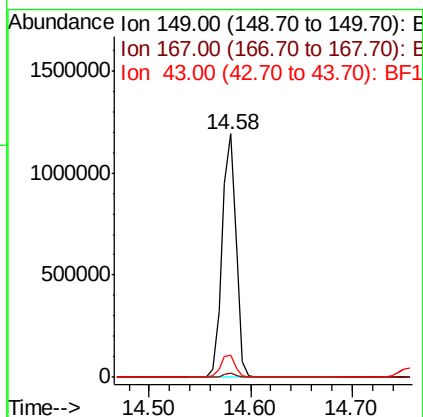
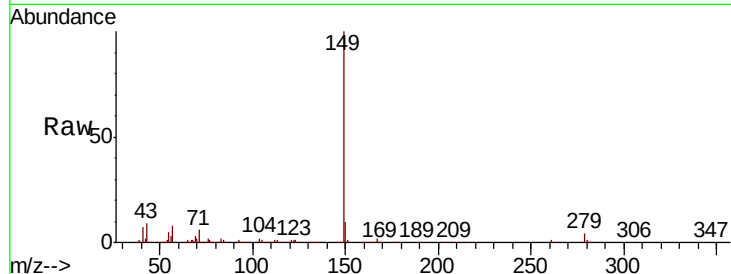




#85
Di-n-octyl phthalate
Concen: 48.544 ng
RT: 14.58 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BF116109.D
Acq: 9 Aug 2019 13:25

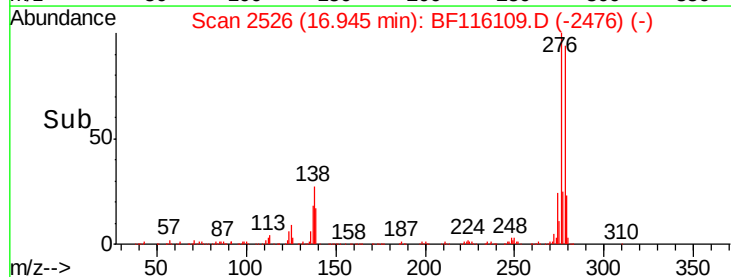
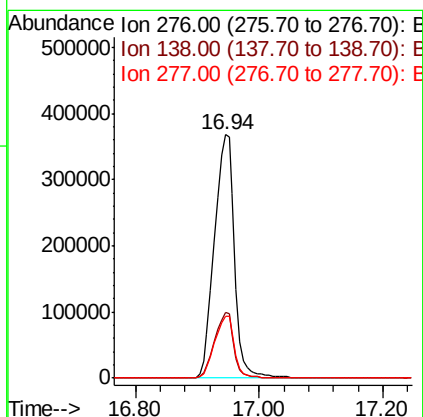
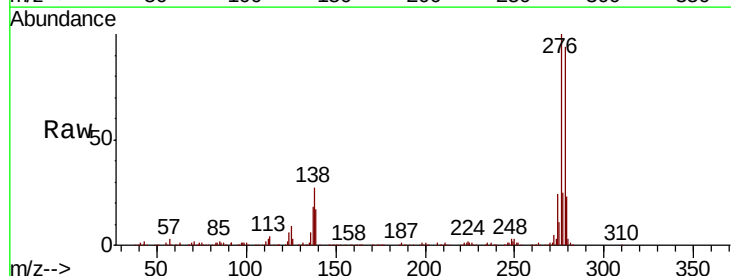
Instrument :
BNA_F
ClientSampleId :

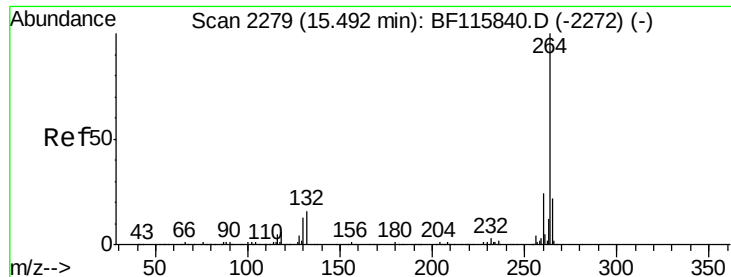
Tot Ion:149 Resp: 1134184
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 9.0 7.5 11.3



#86
Indeno(1,2,3-cd)pyrene
Concen: 45.054 ng
RT: 16.94 min Scan# 2526
Delta R.T. -0.01 min
Lab File: BF116109.D
Acq: 9 Aug 2019 13:25

Tgt Ion:276 Resp: 833548
Ion Ratio Lower Upper
276 100
138 25.6 20.4 30.6
277 25.1 20.0 30.0



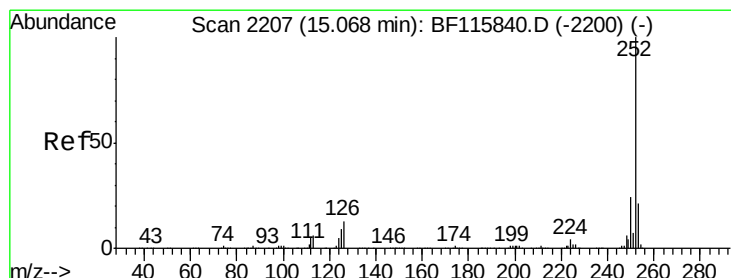
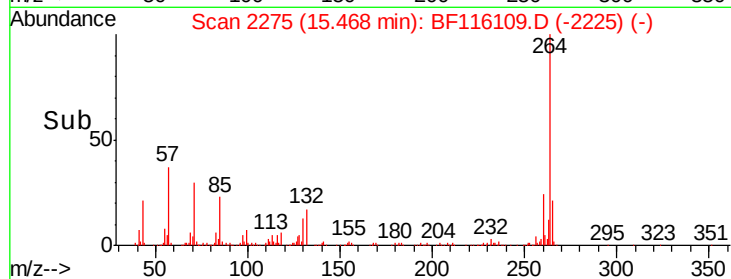
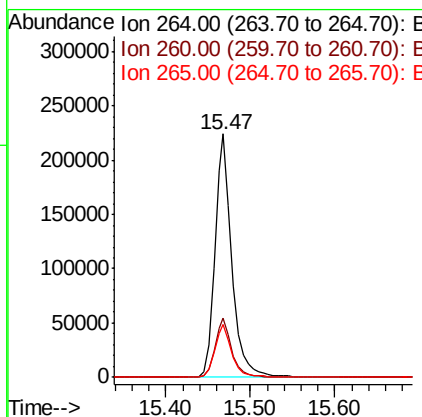
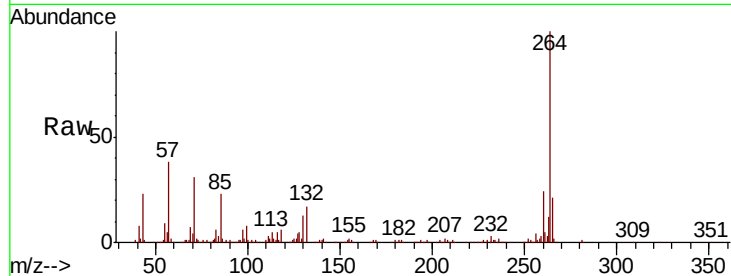


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF116109.D
Acq: 9 Aug 2019 13:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 316283

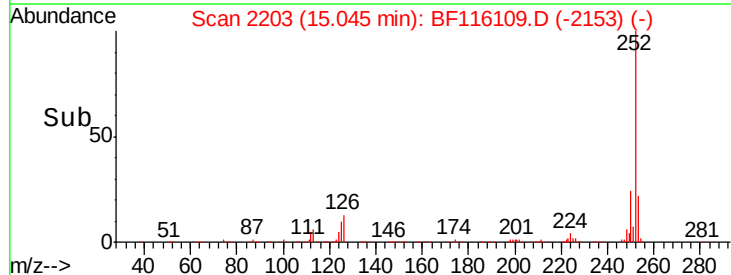
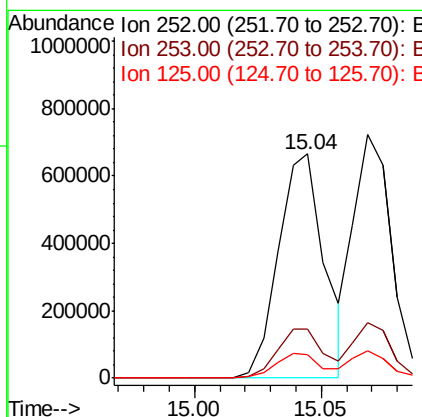
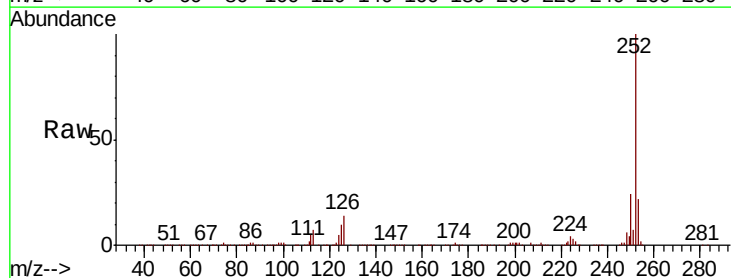
Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.7	29.5
265	21.5	17.4	26.0

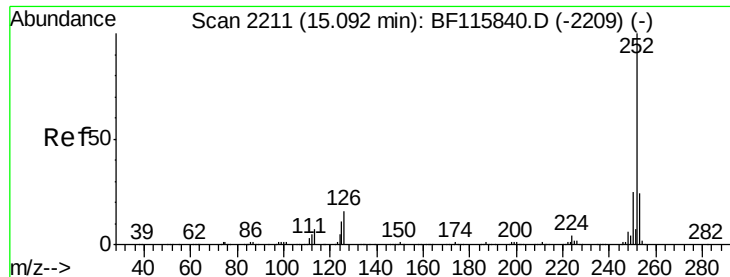


#88
Benzo(b)fluoranthene
Concen: 45.901 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF116109.D
Acq: 9 Aug 2019 13:25

Tgt Ion:252 Resp: 839425

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.8
125	10.4	8.4	12.6

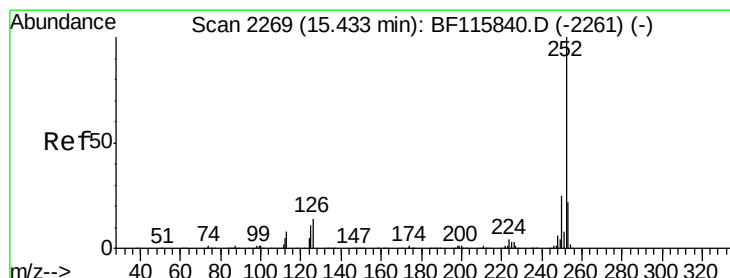
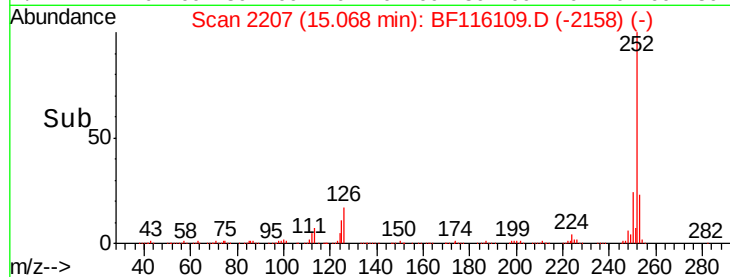
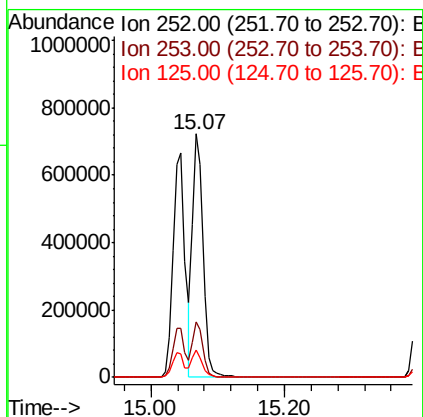
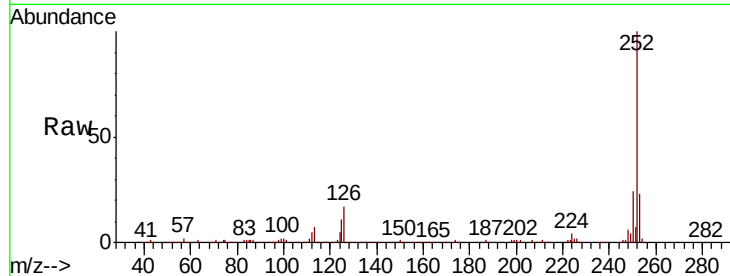




#89
Benzo(k)fluoranthene
Concen: 43.349 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF116109.D
Acq: 9 Aug 2019 13:25

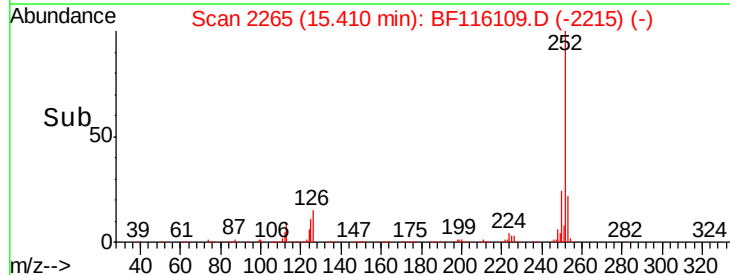
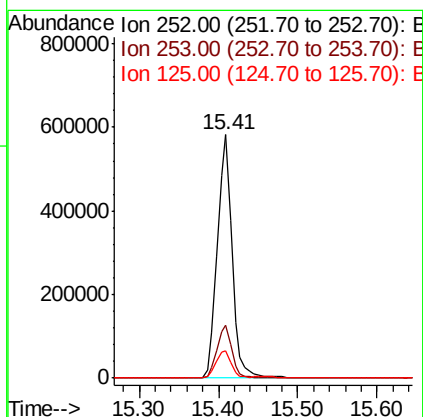
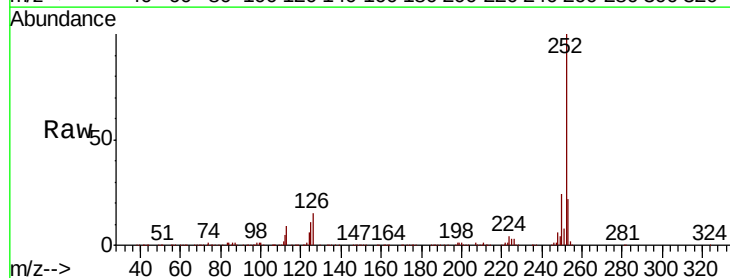
Instrument :
BNA_F
ClientSampleId :

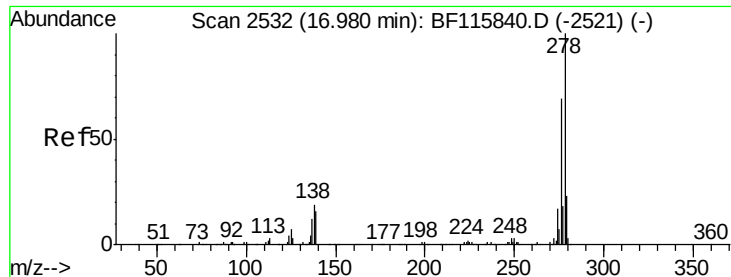
Tot Ion:252 Resp: 772150
Ion Ratio Lower Upper
252 100
253 23.0 17.8 26.8
125 11.4 7.7 11.5



#90
Benzo(a)pyrene
Concen: 46.045 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF116109.D
Acq: 9 Aug 2019 13:25

Tgt Ion:252 Resp: 752741
Ion Ratio Lower Upper
252 100
253 21.8 18.0 27.0
125 11.3 8.9 13.3





#91

Dibenzo(a,h)anthracene

Concen: 48.959 ng

RT: 16.95 min Scan# 2527

Delta R.T. -0.01 min

Lab File: BF116109.D

Acq: 9 Aug 2019 13:25

Instrument :

BNA_F

ClientSampleId :

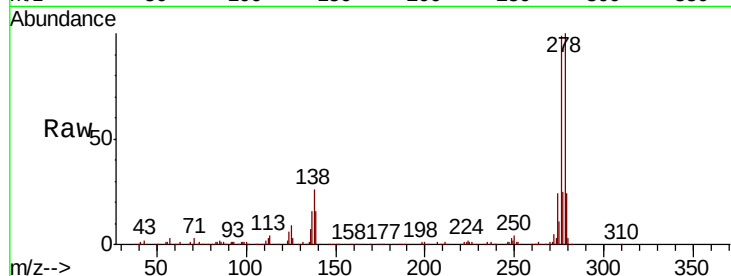
Tot Ion:278 Resp: 692812

Ion Ratio Lower Upper

278 100

139 16.4 12.8 19.2

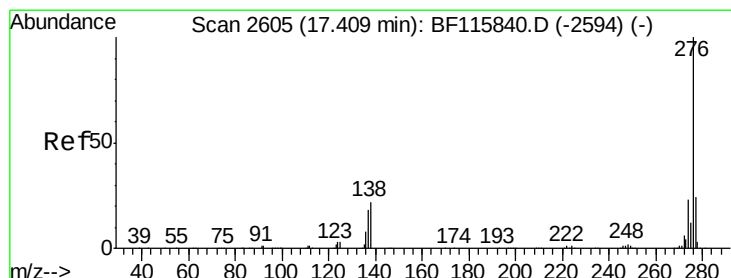
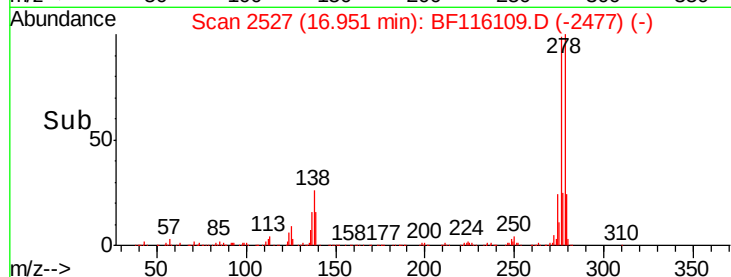
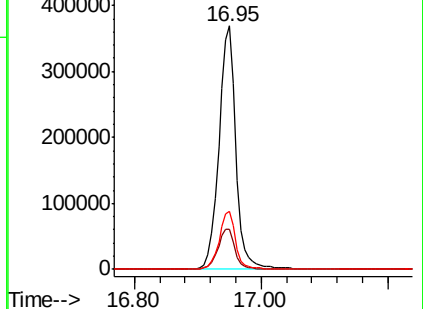
279 23.7 18.8 28.2



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: 52.126 ng

RT: 17.39 min Scan# 2601

Delta R.T. -0.00 min

Lab File: BF116109.D

Acq: 9 Aug 2019 13:25

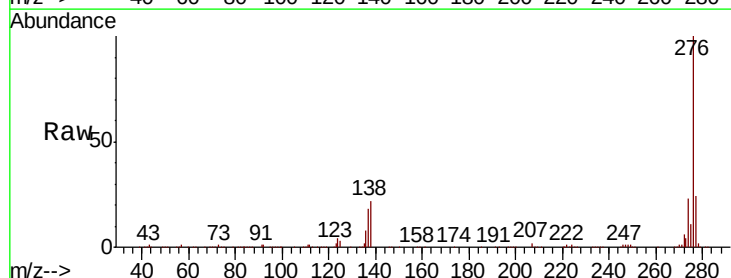
Tgt Ion:276 Resp: 724424

Ion Ratio Lower Upper

276 100

277 24.0 18.4 27.6

138 22.4 17.0 25.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

