

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
 Data File : BF112009.D
 Acq On : 11 Jan 2019 12:28
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 11 21:20:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 07 14:33:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	126503	20.00	ng	-0.02
21) Naphthalene-d8	8.16	136	459526	20.00	ng	-0.02
39) Acenaphthene-d10	9.92	164	236717	20.00	ng	-0.02
64) Phenanthrene-d10	11.40	188	449668	20.00	ng	-0.02
76) Chrysene-d12	14.05	240	340547	20.00	ng	-0.01
87) Perylene-d12	15.52	264	255701	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	569222	76.98	ng	-0.02
7) Phenol-d6	6.52	99	721806	75.74	ng	-0.02
23) Nitrobenzene-d5	7.44	82	687871	80.00	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	242614	78.80	ng	-0.02
45) 2-Fluorobiphenyl	9.23	172	1310594	80.73	ng	-0.02
79) Terphenyl-d14	12.99	244	1478133	82.39	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.65	88	138495	42.836	ng	97
3) Pyridine	3.41	79	354085	42.253	ng	98
4) n-Nitrosodimethylamine	3.36	42	156231	37.470	ng	100
6) Aniline	6.53	93	439311	38.123	ng	97
8) 2-Chlorophenol	6.66	128	321548	39.162	ng	97
9) Benzaldehyde	6.42	77	196300	35.419	ng	98
10) Phenol	6.53	94	397475	38.373	ng	99
11) bis(2-Chloroethyl)ether	6.61	93	303727	37.902	ng	93
12) 1,3-Dichlorobenzene	6.82	146	371810	39.062	ng	100
13) 1,4-Dichlorobenzene	6.89	146	379385	39.278	ng	99
14) 1,2-Dichlorobenzene	7.05	146	351071	38.023	ng	99
15) Benzyl Alcohol	7.02	79	290555	38.532	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	485554	35.539	ng	99
17) 2-Methylphenol	7.13	107	249034	37.738	ng	99
18) Hexachloroethane	7.39	117	135358	40.137	ng	99
19) n-Nitroso-di-n-propylamine	7.29	70	230801	37.272	ng	98
20) 3+4-Methylphenols	7.29	107	319043	38.847	ng	97
22) Acetophenone	7.28	105	453984	39.023	ng	99
24) Nitrobenzene	7.46	77	341125	39.220	ng	99
25) Isophorone	7.69	82	540892	38.849	ng	99
26) 2-Nitrophenol	7.77	139	170684	39.855	ng	93
27) 2,4-Dimethylphenol	7.81	122	247185	39.920	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	366759	39.464	ng	99
29) 2,4-Dichlorophenol	8.02	162	284499	39.956	ng	94
30) 1,2,4-Trichlorobenzene	8.10	180	318156	40.504	ng	99
31) Naphthalene	8.18	128	885380	40.588	ng	99
32) Benzoic acid	7.94	122	108288	26.949	ng	96
33) 4-Chloroaniline	8.23	127	384332	40.757	ng	99
34) Hexachlorobutadiene	8.30	225	200503	41.003	ng	98
35) Caprolactam	8.60	113	93607	40.238	ng	94
36) 4-Chloro-3-methylphenol	8.72	107	283396	40.031	ng	99
37) 2-Methylnaphthalene	8.87	142	581584	43.027	ng	99
38) 1-Methylnaphthalene	8.97	142	557287	42.986	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	310478	41.141	ng	100

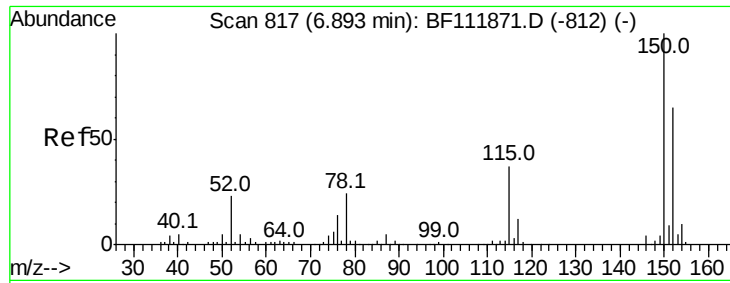
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
 Data File : BF112009.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	142143	32.576	ng	98
43) 2,4,6-Trichlorophenol	9.15	196	203931	39.841	ng	99
44) 2,4,5-Trichlorophenol	9.20	196	211865	39.506	ng	99
46) 1,1'-Biphenyl	9.33	154	808611	40.837	ng	98
47) 2-Chloronaphthalene	9.36	162	626095	40.288	ng	99
48) 2-Nitroaniline	9.45	65	189566	39.898	ng	99
49) Acenaphthylene	9.77	152	926294	40.317	ng	99
50) Dimethylphthalate	9.63	163	703509	39.562	ng	99
51) 2,6-Dinitrotoluene	9.69	165	159336	40.069	ng	95
52) Acenaphthene	9.95	154	563693	38.057	ng	99
53) 3-Nitroaniline	9.86	138	172069	40.407	ng	99
54) 2,4-Dinitrophenol	9.97	184	85192	50.595	ng	98
55) Dibenzofuran	10.12	168	861674	40.002	ng	99
56) 4-Nitrophenol	10.03	139	110139	36.604	ng	99
57) 2,4-Dinitrotoluene	10.10	165	209918	40.854	ng	93
58) Fluorene	10.46	166	632625	40.361	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.24	232	173492	38.396	ng	100
60) Diethylphthalate	10.33	149	685260	39.821	ng	99
61) 4-Chlorophenyl-phenylether	10.45	204	352421	40.096	ng	99
62) 4-Nitroaniline	10.48	138	166997	41.344	ng	99
63) Azobenzene	10.61	77	666078	40.517	ng	97
65) 4,6-Dinitro-2-methylphenol	10.52	198	100359	36.171	ng	92
66) n-Nitrosodiphenylamine	10.57	169	603330	39.983	ng	100
67) 4-Bromophenyl-phenylether	10.94	248	226089	38.819	ng	98
68) Hexachlorobenzene	11.02	284	250372	38.789	ng	96
69) Atrazine	11.10	200	206307	38.913	ng	100
70) Pentachlorophenol	11.21	266	141211	38.445	ng	98
71) Phenanthrene	11.43	178	940564	39.123	ng	100
72) Anthracene	11.48	178	960748	39.366	ng	99
73) Carbazole	11.63	167	930086	39.179	ng	99
74) Di-n-butylphthalate	11.96	149	1076688	39.046	ng	99
75) Fluoranthene	12.62	202	955872	38.729	ng	99
77) Benzidine	12.73	184	398009	39.114	ng	99
78) Pyrene	12.85	202	973215	41.534	ng	99
80) Butylbenzylphthalate	13.45	149	417739	42.169	ng	97
81) Benzo(a)anthracene	14.03	228	792101	40.415	ng	99
82) 3,3'-Dichlorobenzidine	13.99	252	303593	41.958	ng	99
83) Chrysene	14.07	228	752451	40.266	ng	100
84) Bis(2-ethylhexyl)phthalate	14.02	149	571177	43.904	ng	# 98
85) Di-n-octyl phthalate	14.62	149	802337	43.095	ng	98
86) Indeno(1,2,3-cd)pyrene	17.01	276	567683	41.669	ng	99
88) Benzo(b)fluoranthene	15.09	252	575523	37.626	ng	99
89) Benzo(k)fluoranthene	15.12	252	592799	41.230	ng	99
90) Benzo(a)pyrene	15.46	252	539171	40.090	ng	99
91) Dibenzo(a,h)anthracene	17.02	278	476776	44.076	ng	99
92) Benzo(g,h,i)perylene	17.46	276	476532	45.040	ng	98

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

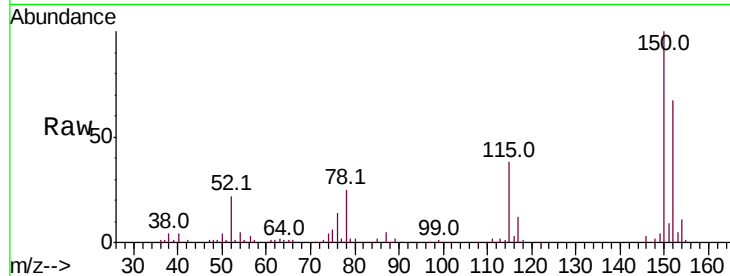


#1

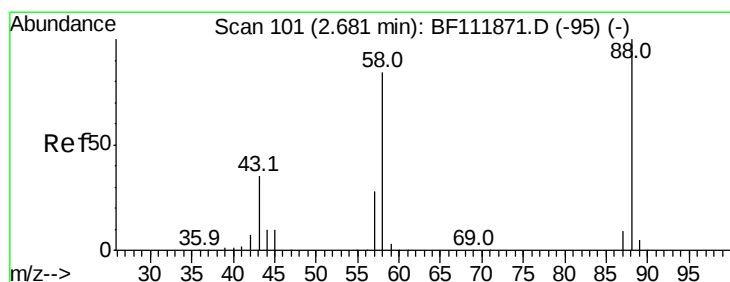
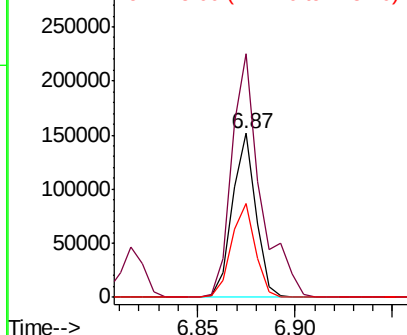
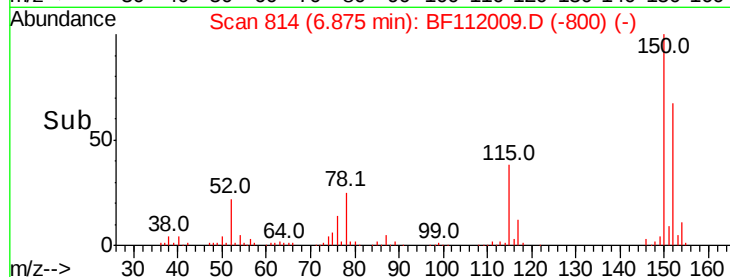
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.02 min
Lab File: BF112009.D
Acq: 11 Jan 2019 12:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 126503
Ion Ratio Lower Upper
152 100
150 148.3 122.7 184.1
115 57.0 45.2 67.8



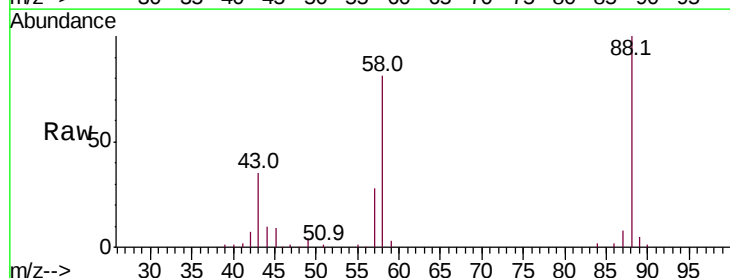
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



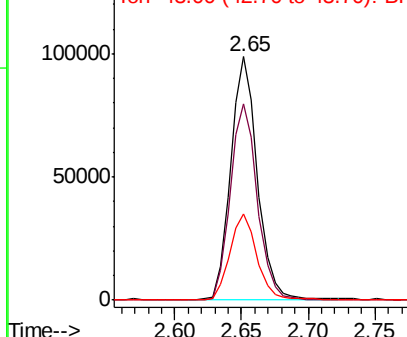
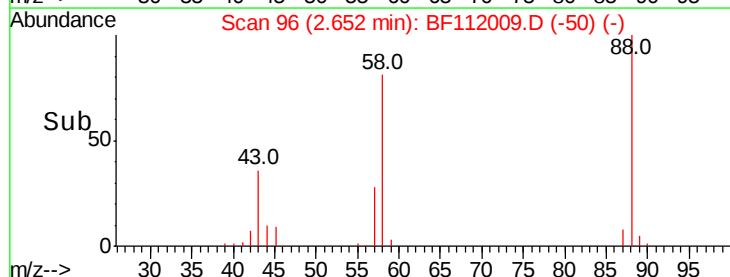
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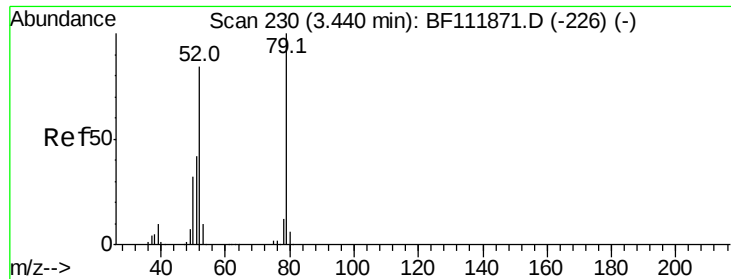
1,4-Dioxane
Concen: 42.836 ng
RT: 2.65 min Scan# 96
Delta R.T. -0.03 min
Lab File: BF112009.D
Acq: 11 Jan 2019 12:28

Tgt Ion: 88 Resp: 138495
Ion Ratio Lower Upper
88 100
58 81.1 67.6 101.4
43 35.7 29.0 43.6



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: 42.253 ng

RT: 3.41 min Scan# 225

Delta R.T. -0.03 min

Lab File: BF112009.D

Acq: 11 Jan 2019 12:28

Instrument :

BNA_F

ClientSampleId :

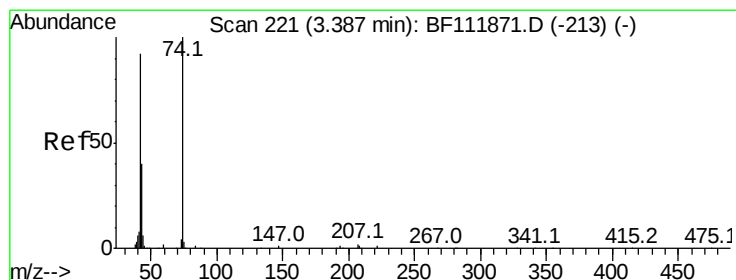
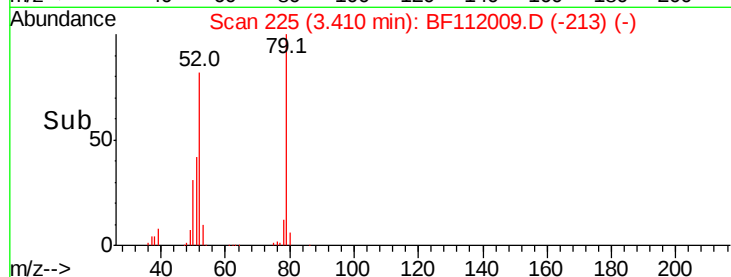
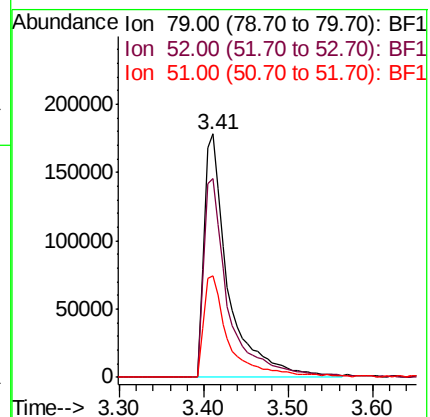
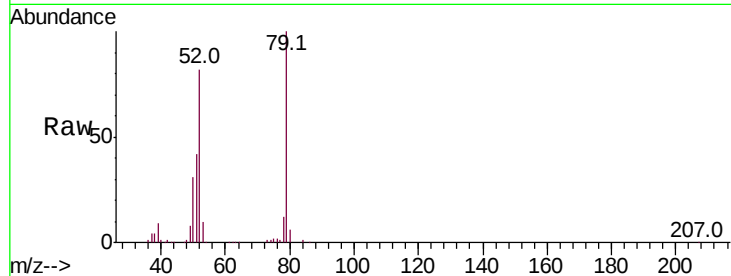
Tot Ion: 79 Resp: 354085

Ion Ratio Lower Upper

79 100

52 81.9 67.0 100.6

51 41.9 34.2 51.2



#4

n-Nitrosodimethylamine

Concen: 37.470 ng

RT: 3.36 min Scan# 217

Delta R.T. -0.02 min

Lab File: BF112009.D

Acq: 11 Jan 2019 12:28

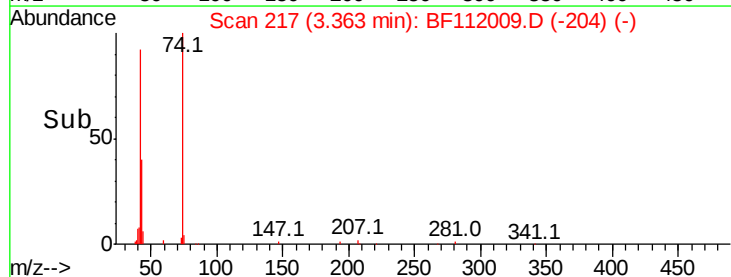
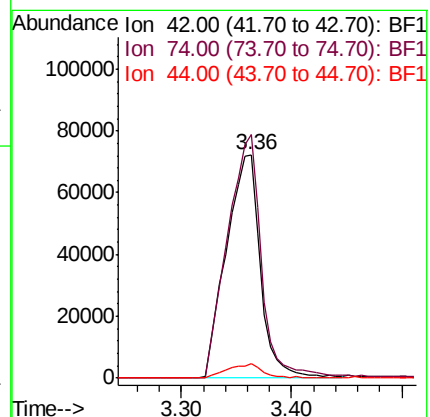
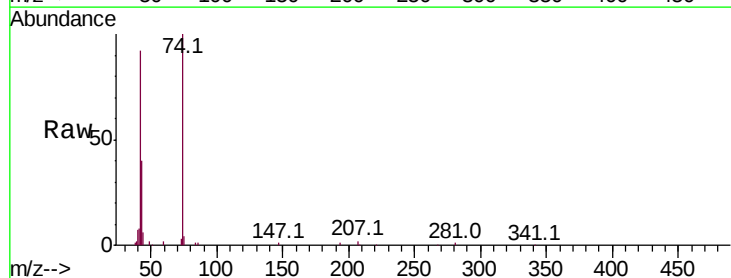
Tgt Ion: 42 Resp: 156231

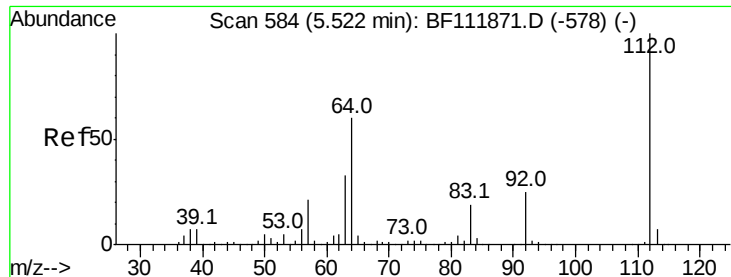
Ion Ratio Lower Upper

42 100

74 109.0 87.0 130.6

44 6.7 5.5 8.3





#5

2-Fluorophenol

Concen: 76.981 ng

RT: 5.50 min Scan# 581

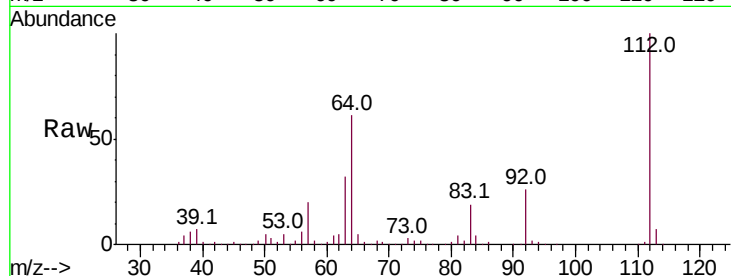
Delta R.T. -0.02 min

Lab File: BF112009.D

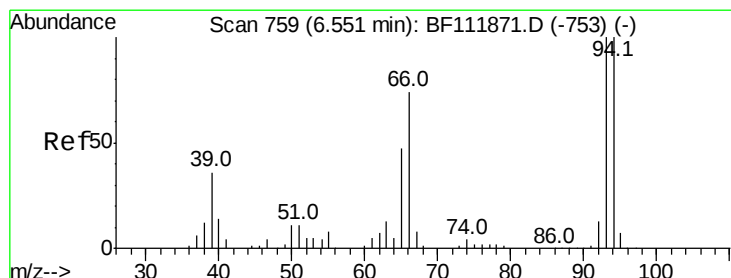
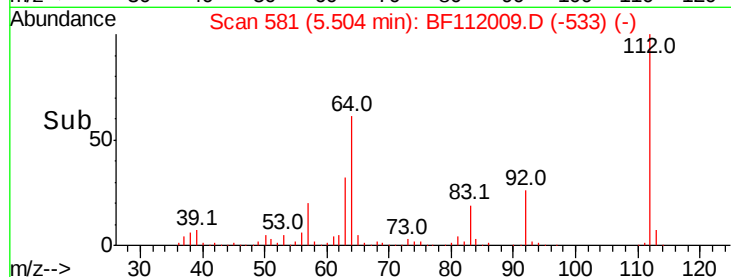
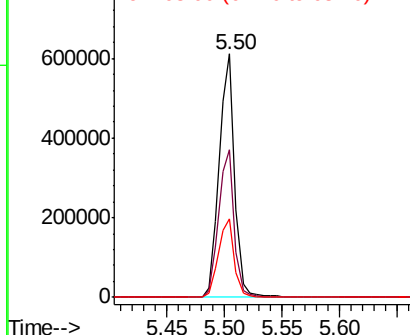
Acq: 11 Jan 2019 12:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	569222
Ion	Ratio	Lower	Upper
112	100		
64	60.8	48.3	72.5
63	32.4	26.1	39.1



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



#6

Aniline

Concen: 38.123 ng

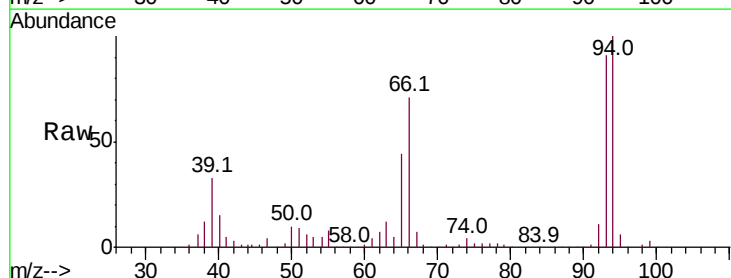
RT: 6.53 min Scan# 756

Delta R.T. -0.02 min

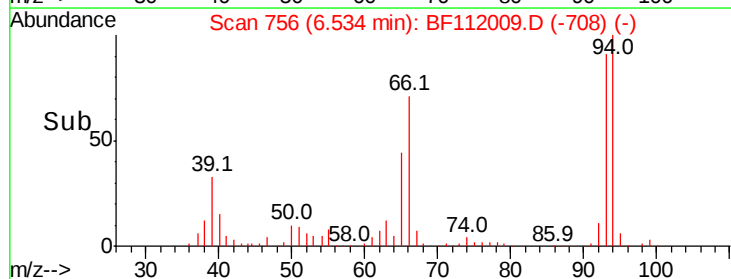
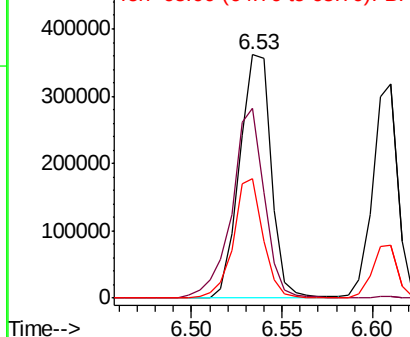
Lab File: BF112009.D

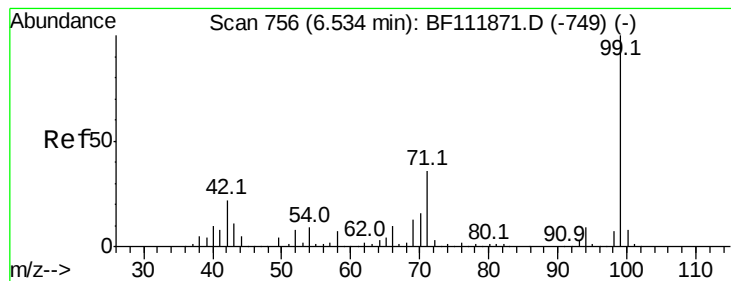
Acq: 11 Jan 2019 12:28

Tgt Ion:	93	Resp:	439311
Ion	Ratio	Lower	Upper
93	100		
66	78.1	60.0	90.0
65	49.0	37.5	56.3



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 75.737 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.02 min

Lab File: BF112009.D

Acq: 11 Jan 2019 12:28

Instrument :

BNA_F

ClientSampleId :

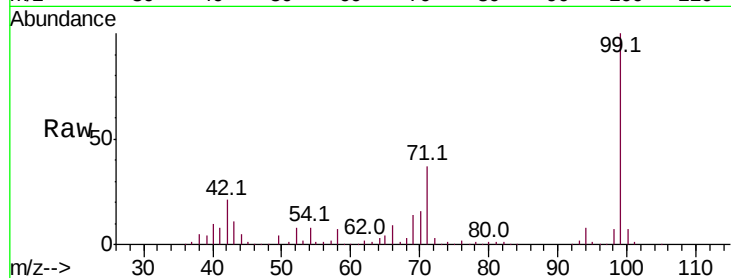
Tot Ion: 99 Resp: 721806

Ion Ratio Lower Upper

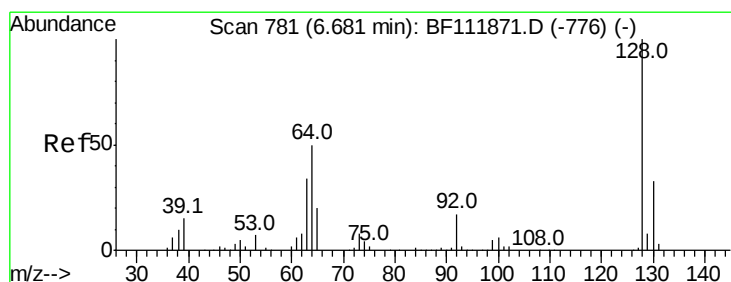
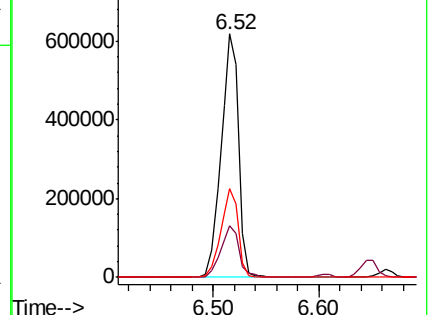
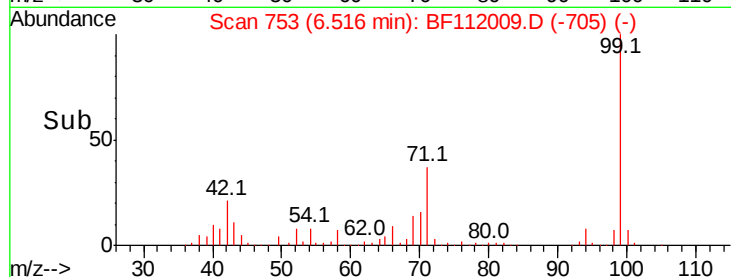
99 100

42 21.5 17.9 26.9

71 36.6 28.7 43.1



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: 39.162 ng

RT: 6.66 min Scan# 778

Delta R.T. -0.02 min

Lab File: BF112009.D

Acq: 11 Jan 2019 12:28

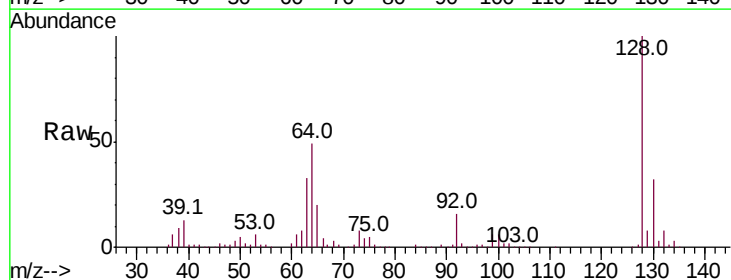
Tgt Ion:128 Resp: 321548

Ion Ratio Lower Upper

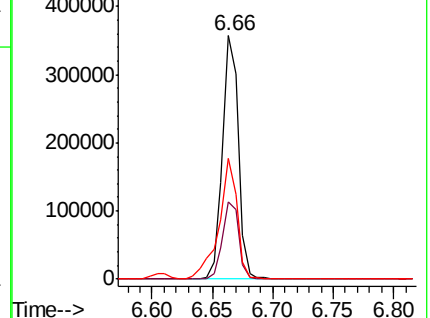
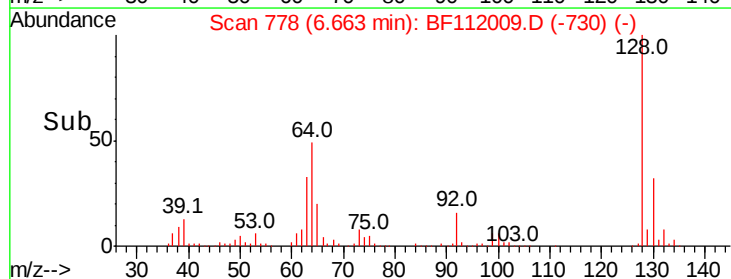
128 100

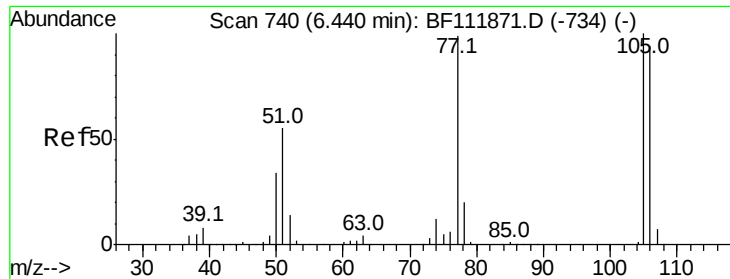
130 31.7 12.7 52.7

64 49.5 31.8 71.8



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: 35.419 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.02 min

Lab File: BF112009.D

Acq: 11 Jan 2019 12:28

Instrument :

BNA_F

ClientSampleID :

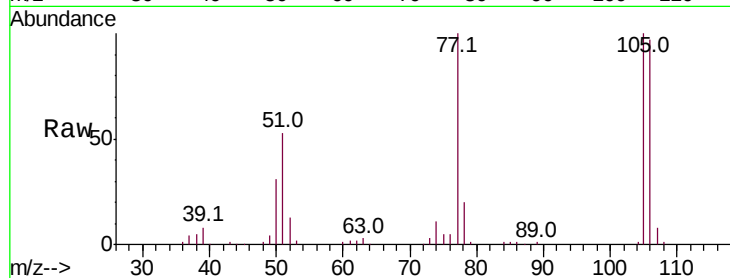
Tot Ion: 77 Resp: 196300

Ion Ratio Lower Upper

77 100

105 99.9 80.6 120.6

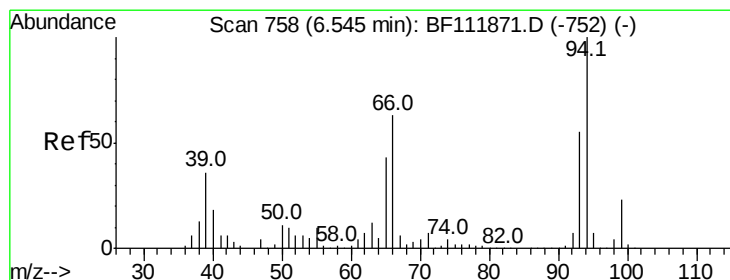
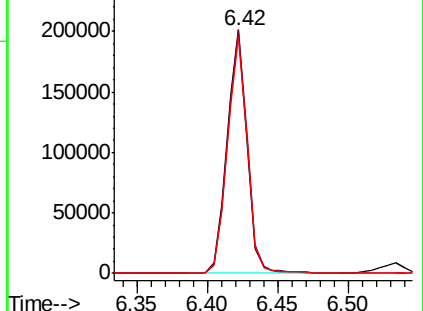
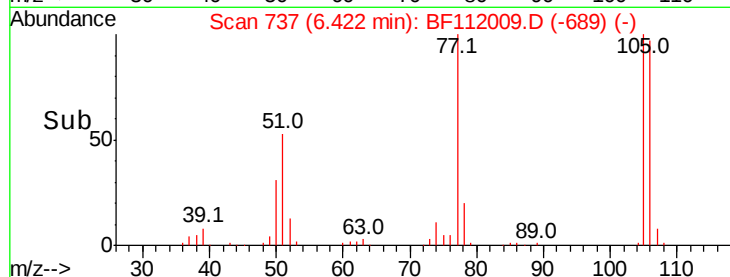
106 96.9 74.6 114.6



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 38.373 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF112009.D

Acq: 11 Jan 2019 12:28

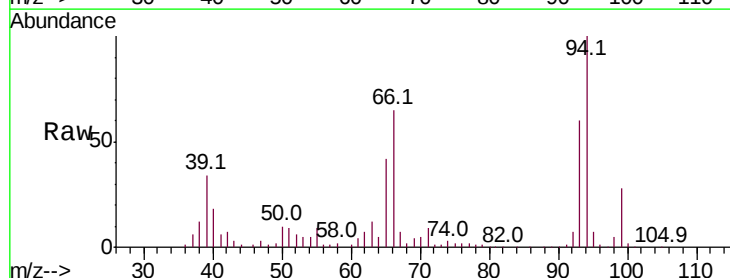
Tgt Ion: 94 Resp: 397475

Ion Ratio Lower Upper

94 100

65 42.5 22.8 62.8

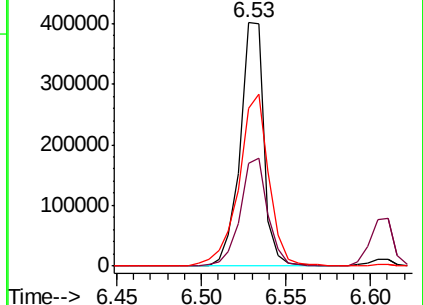
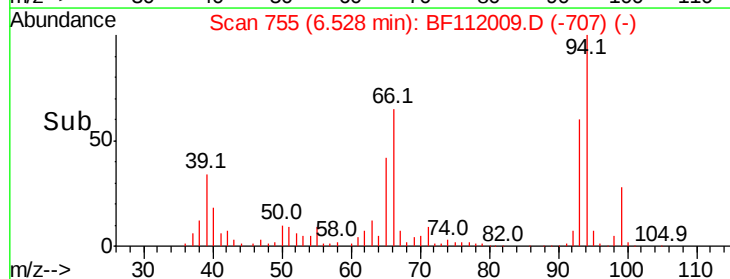
66 64.9 43.3 83.3

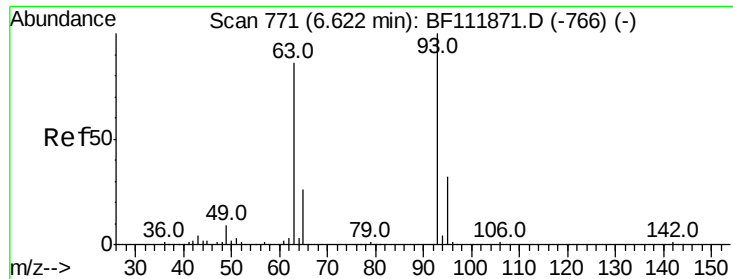


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 37.902 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF112009.D

Acq: 11 Jan 2019 12:28

Instrument :

BNA_F

ClientSampleId :

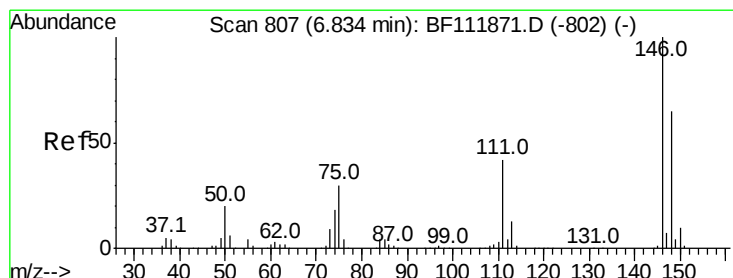
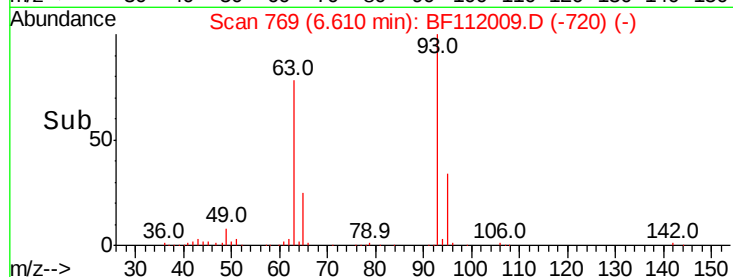
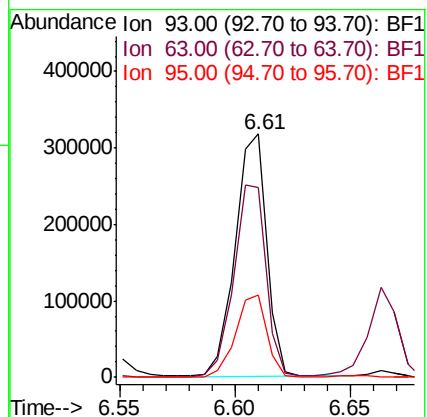
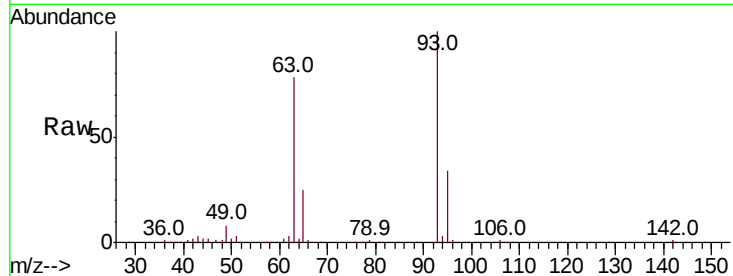
Tot Ion: 93 Resp: 303727

Ion Ratio Lower Upper

93 100

63 77.9 65.2 105.2

95 33.6 11.9 51.9



#12

1,3-Dichlorobenzene

Concen: 39.062 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.02 min

Lab File: BF112009.D

Acq: 11 Jan 2019 12:28

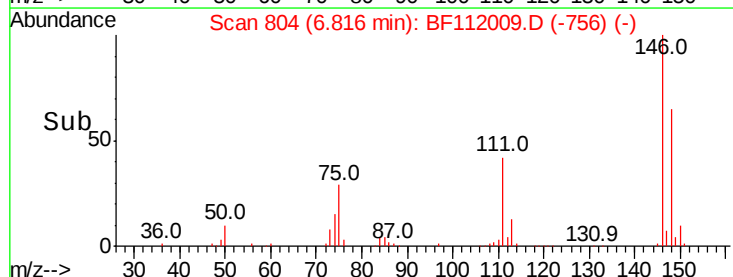
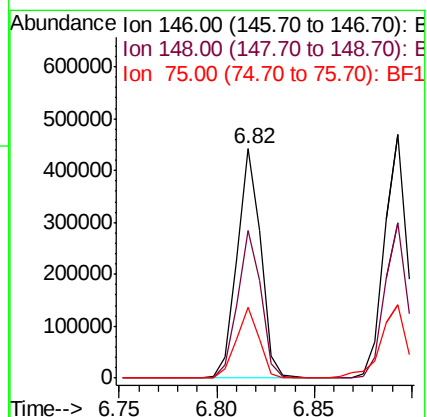
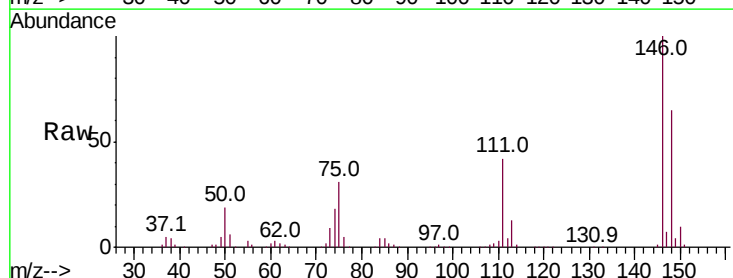
Tgt Ion: 146 Resp: 371810

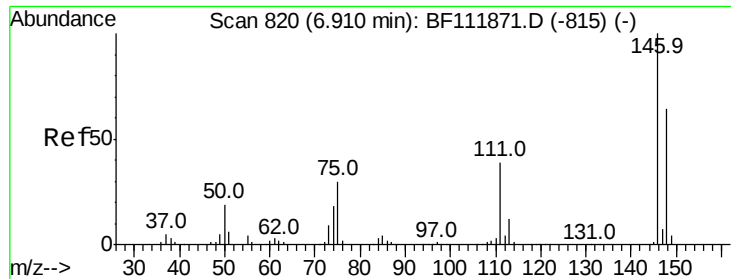
Ion Ratio Lower Upper

146 100

148 64.6 51.8 77.6

75 30.7 24.3 36.5

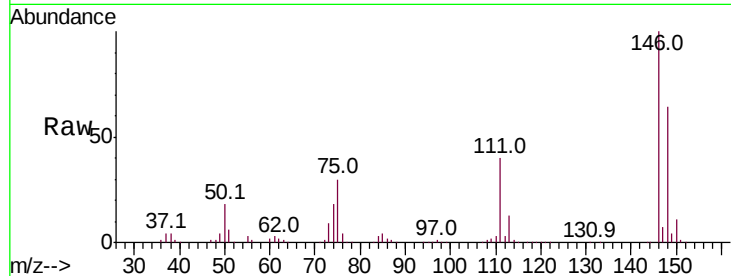




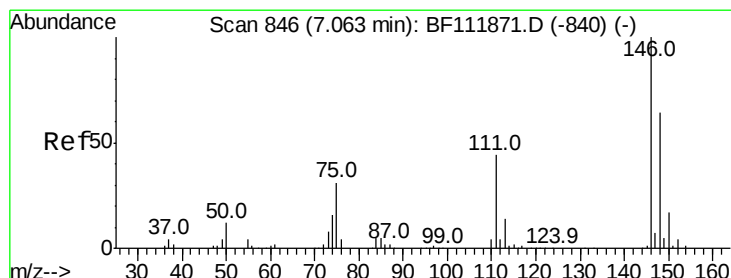
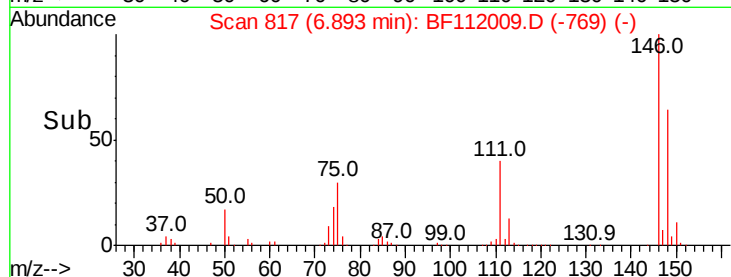
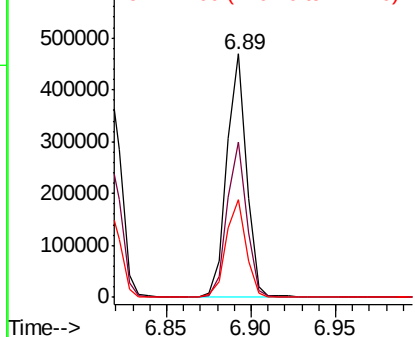
#13
 1,4-Dichlorobenzene
 Concen: 39.278 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.02 min
 Lab File: BF112009.D
 Acq: 11 Jan 2019 12:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 379385
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.2 76.8
 111 40.1 31.5 47.3

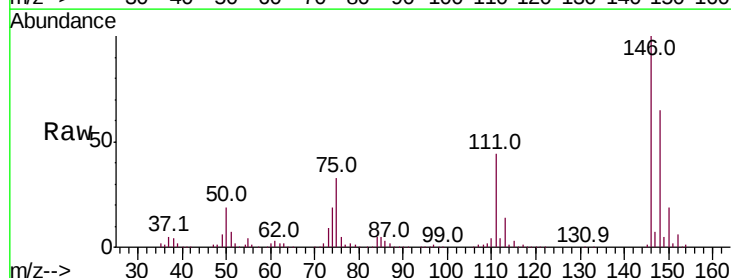


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

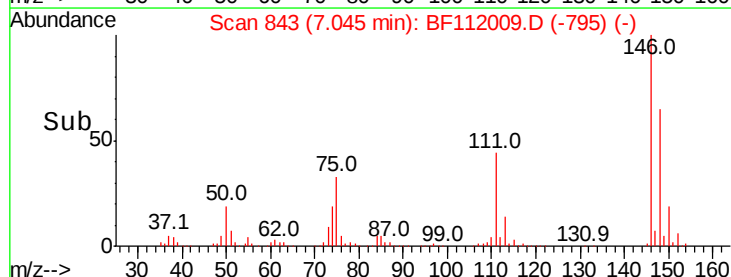
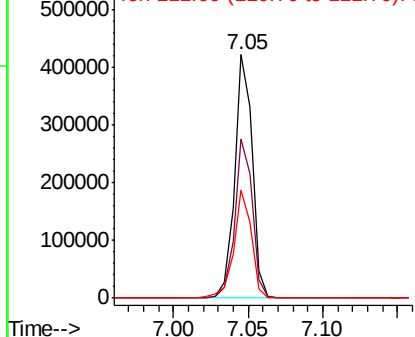


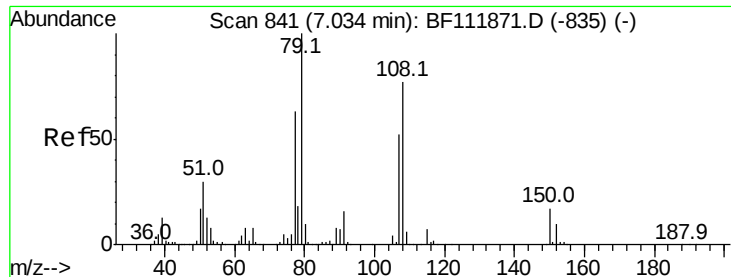
#14
 1,2-Dichlorobenzene
 Concen: 38.023 ng
 RT: 7.05 min Scan# 843
 Delta R.T. -0.02 min
 Lab File: BF112009.D
 Acq: 11 Jan 2019 12:28

Tgt Ion:146 Resp: 351071
 Ion Ratio Lower Upper
 146 100
 148 65.2 51.5 77.3
 111 44.1 35.5 53.3



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: 38.532 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.02 min

Lab File: BF112009.D

Acq: 11 Jan 2019 12:28

Instrument :
BNA_F
ClientSampleId :

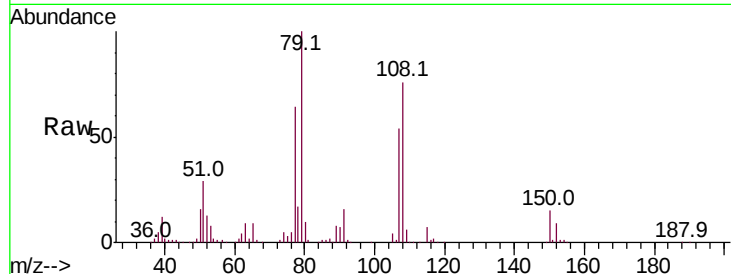
Tot Ion: 79 Resp: 290555

Ion Ratio Lower Upper

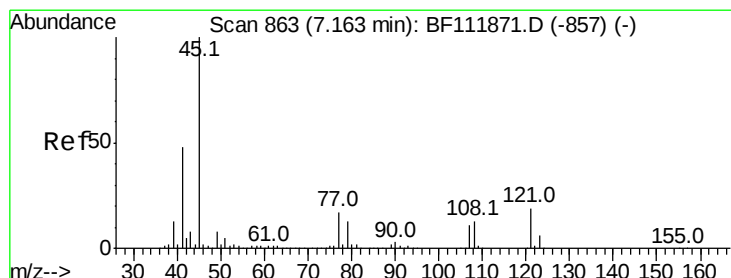
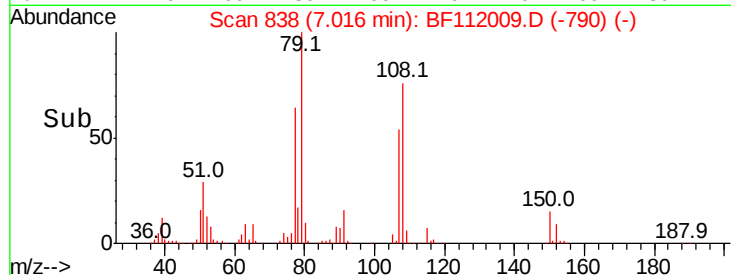
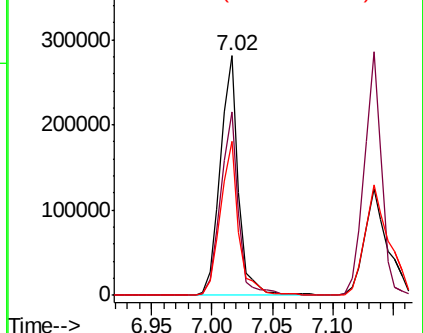
79 100

108 76.5 61.4 92.0

77 64.1 50.4 75.6



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.539 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: BF112009.D

Acq: 11 Jan 2019 12:28

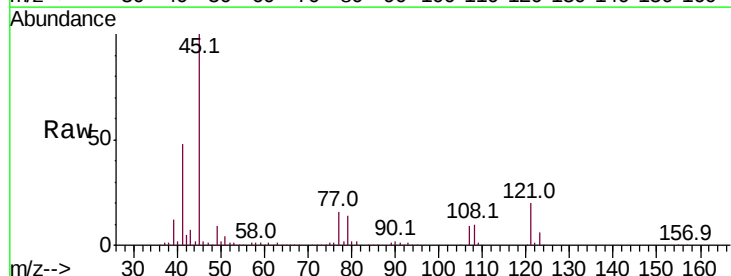
Tgt Ion: 45 Resp: 485554

Ion Ratio Lower Upper

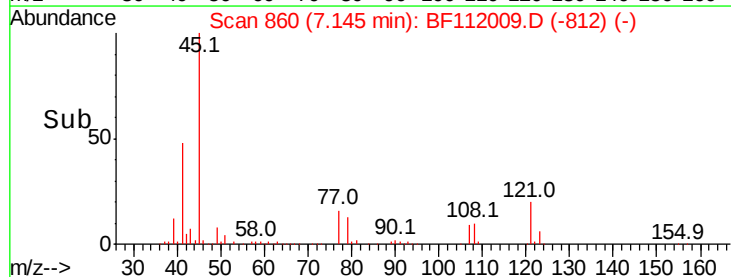
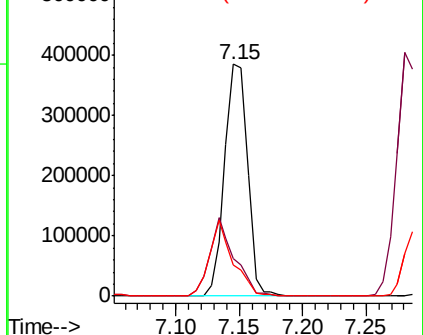
45 100

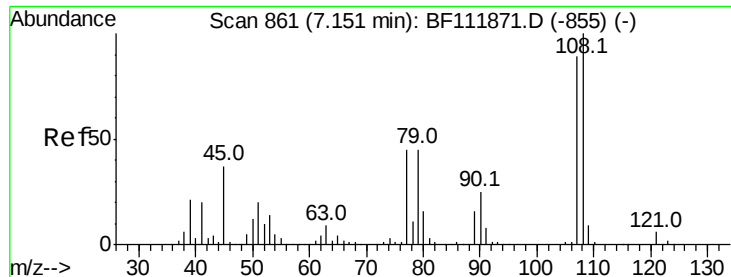
77 16.5 0.0 37.1

79 13.5 0.0 33.9



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

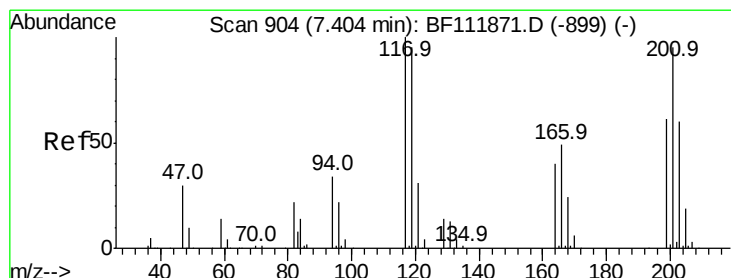
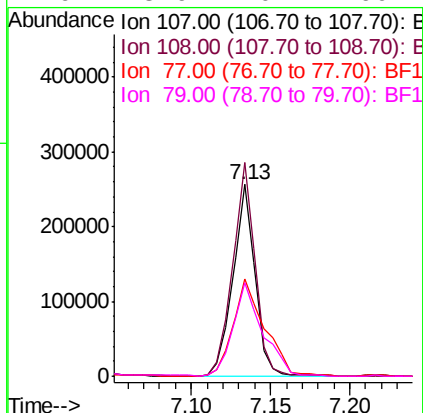
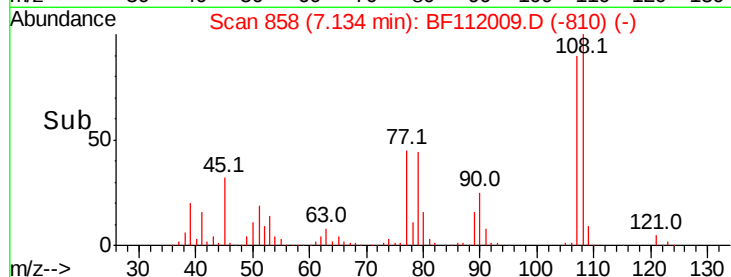
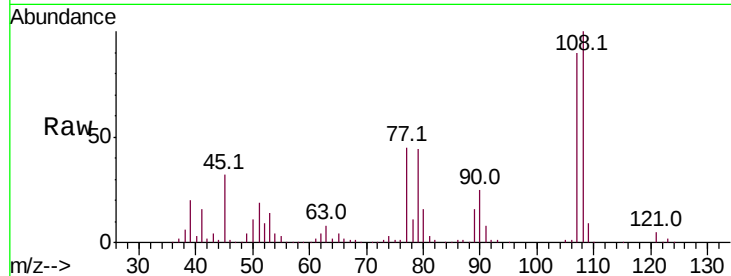




#17
2-Methylphenol
Concen: 37.738 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.02 min
Lab File: BF112009.D
Acq: 11 Jan 2019 12:28

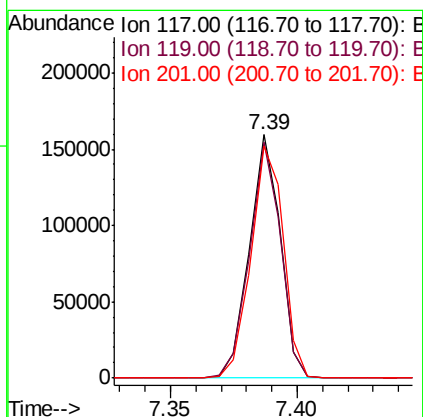
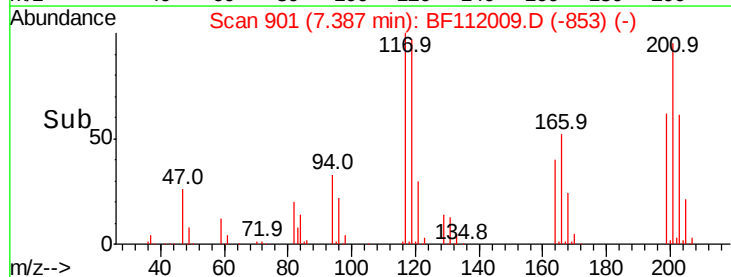
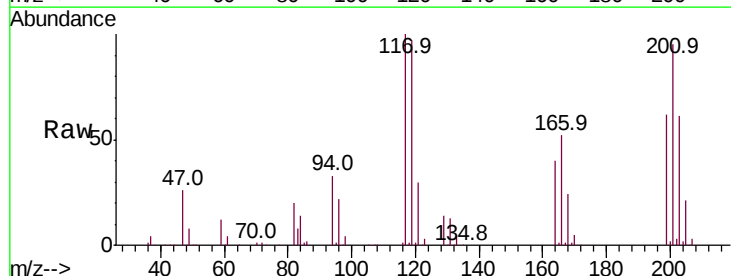
Instrument :
BNA_F
ClientSampleId :

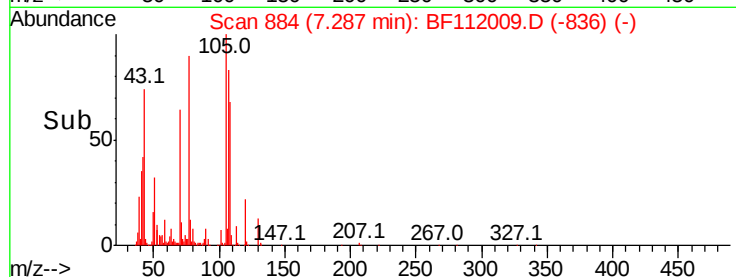
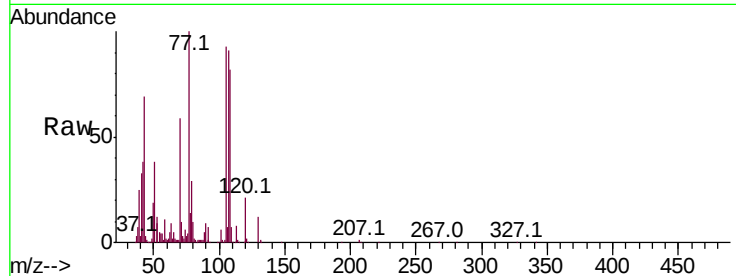
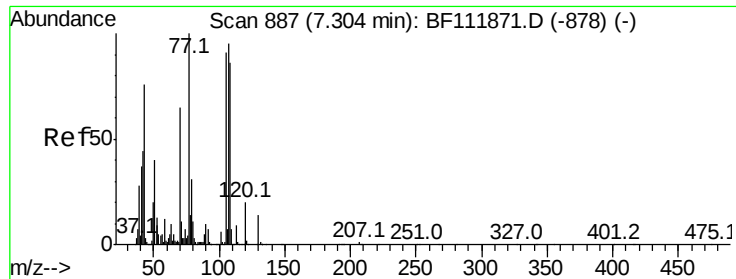
Tot Ion	Ratio	Lower	Upper
107	100		
108	111.3	89.7	134.5
77	50.5	40.6	60.8
79	48.9	40.2	60.2



#18
Hexachloroethane
Concen: 40.137 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.02 min
Lab File: BF112009.D
Acq: 11 Jan 2019 12:28

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.8	76.2	114.2
201	95.1	75.7	113.5

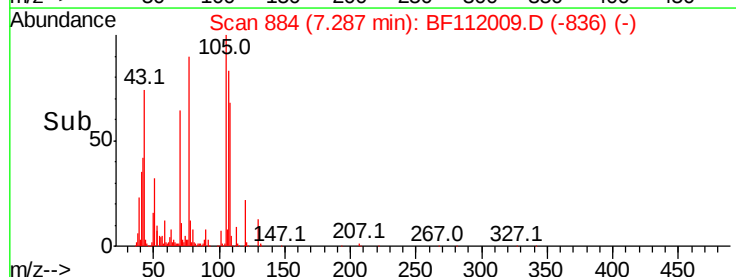
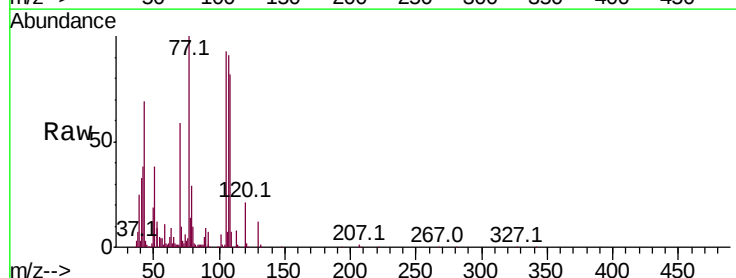
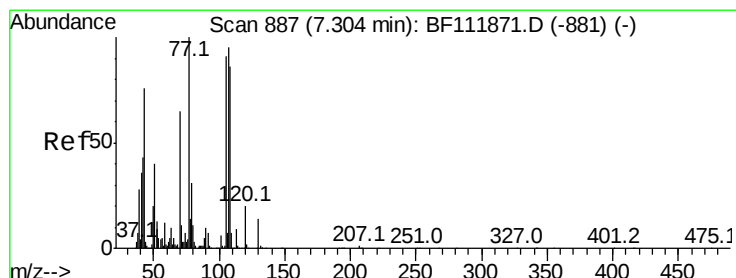
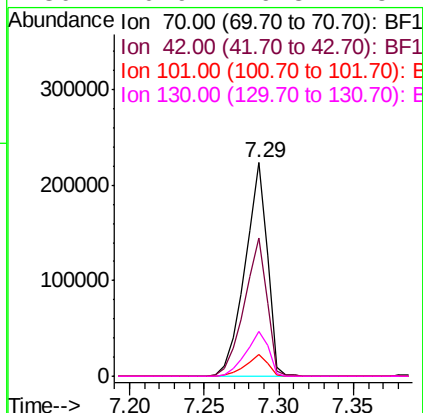




#19
n-Nitroso-di-n-propylamine
Concen: 37.272 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF112009.D
Acq: 11 Jan 2019 12:28

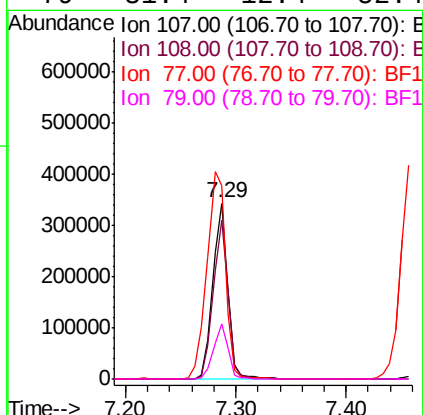
Instrument :
BNA_F
ClientSampleId :

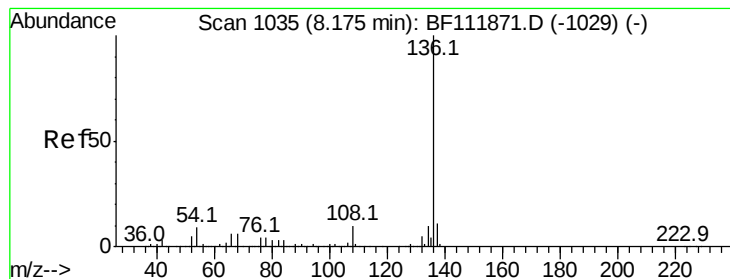
Tot Ion:	70	Resp:	230801
Ion	Ratio	Lower	Upper
70	100		
42	64.7	53.6	80.4
101	10.2	7.3	10.9
130	20.9	16.8	25.2



#20
3+4-Methylphenols
Concen: 38.847 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF112009.D
Acq: 11 Jan 2019 12:28

Tgt Ion:	107	Resp:	319043
Ion	Ratio	Lower	Upper
107	100		
108	90.7	71.1	111.1
77	110.1	85.4	125.4
79	31.4	12.4	52.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BF112009.D

Acq: 11 Jan 2019 12:28

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 459526

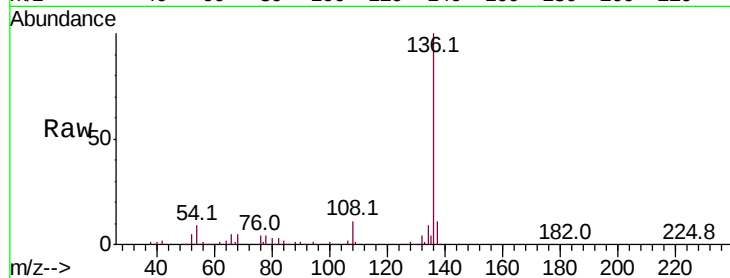
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 8.6 7.2 10.8

68 5.1 4.4 6.6

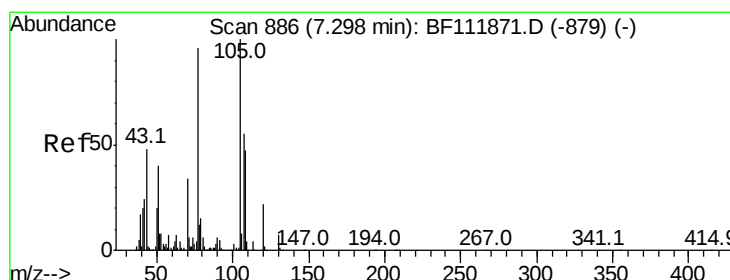
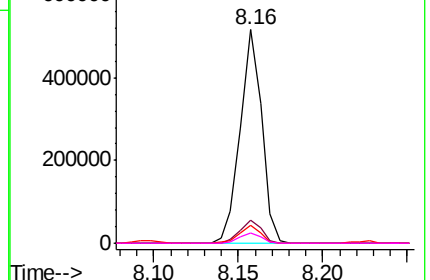
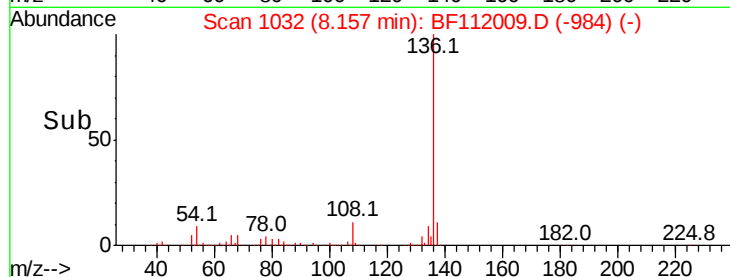


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.023 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.02 min

Lab File: BF112009.D

Acq: 11 Jan 2019 12:28

Tgt Ion:105 Resp: 453984

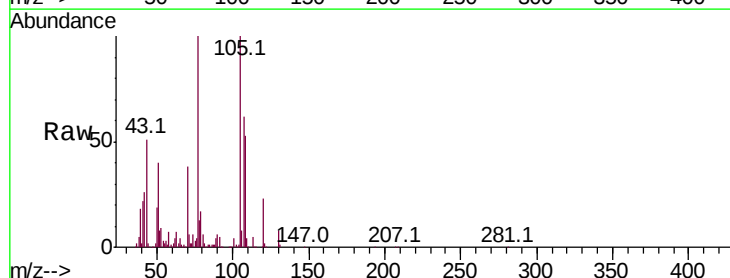
Ion Ratio Lower Upper

105 100

71 6.1 4.6 6.8

51 40.3 32.2 48.2

120 22.6 17.5 26.3

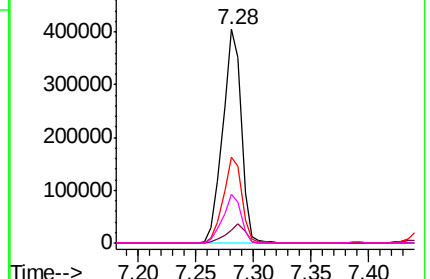
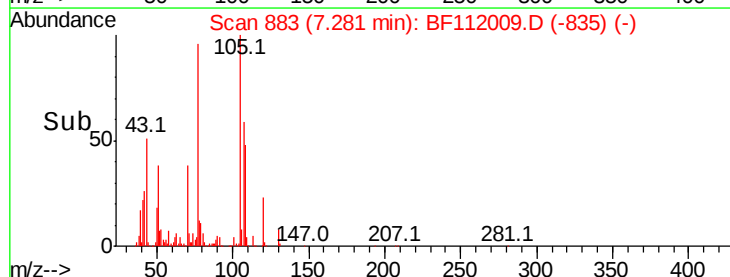


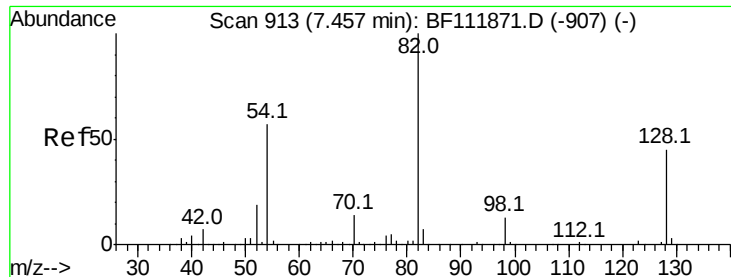
Abundance Ion 105.00 (104.70 to 105.70): E

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

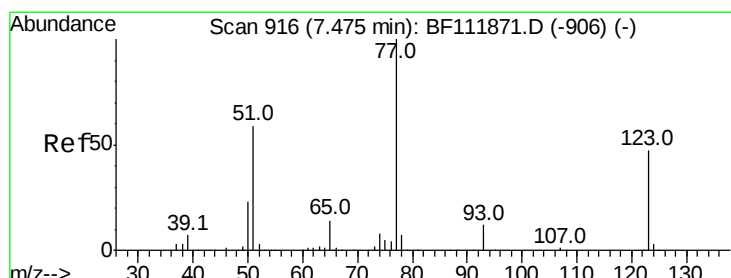
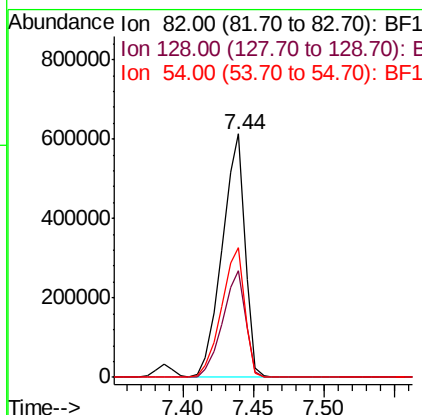
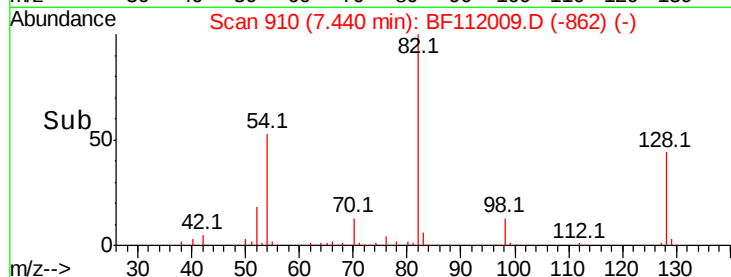
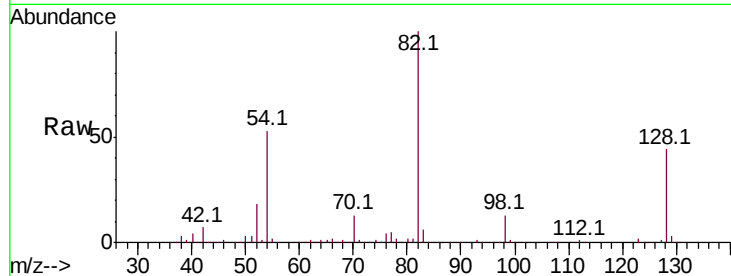




#23
 Nitrobenzene-d5
 Concen: 80.003 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.02 min
 Lab File: BF112009.D
 Acq: 11 Jan 2019 12:28

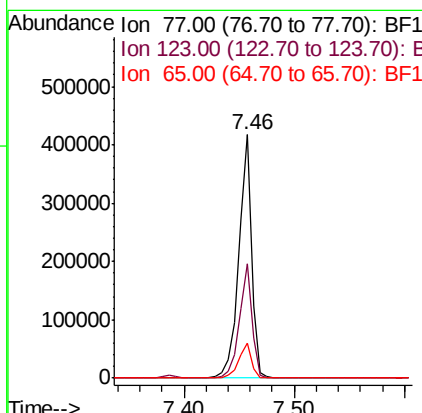
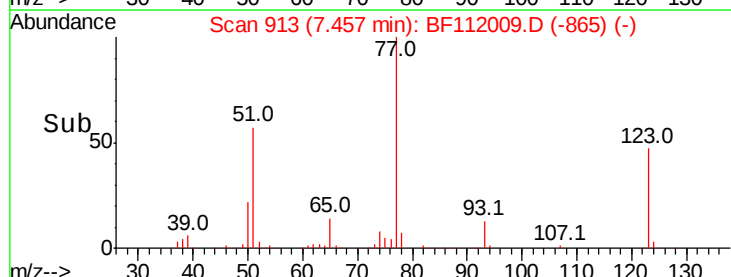
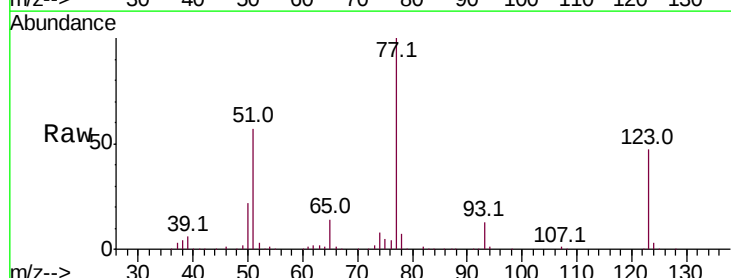
Instrument :
 BNA_F
 ClientSampled :

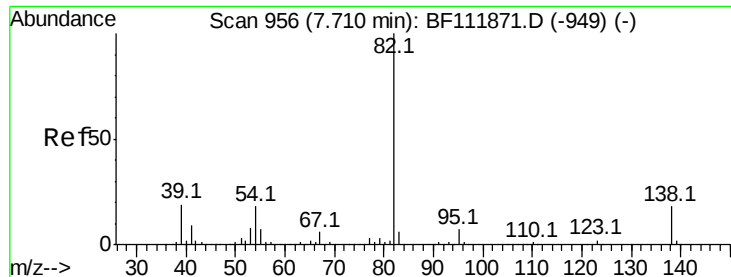
Tot Ion: 82 Resp: 687871
 Ion Ratio Lower Upper
 82 100
 128 43.8 35.7 53.5
 54 53.4 45.8 68.8



#24
 Nitrobenzene
 Concen: 39.220 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.02 min
 Lab File: BF112009.D
 Acq: 11 Jan 2019 12:28

Tgt Ion: 77 Resp: 341125
 Ion Ratio Lower Upper
 77 100
 123 47.2 38.1 57.1
 65 14.3 11.0 16.4





#25

Isophorone

Concen: 38.849 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.02 min

Lab File: BF112009.D

Acq: 11 Jan 2019 12:28

Instrument :

BNA_F

ClientSampleId :

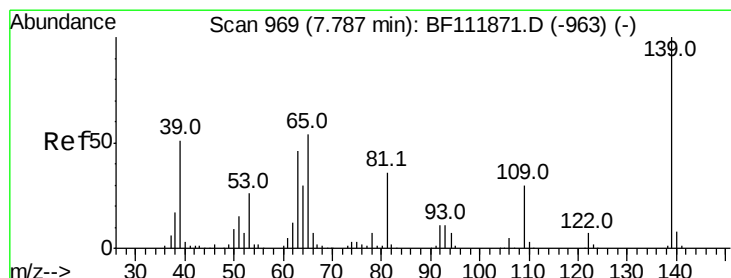
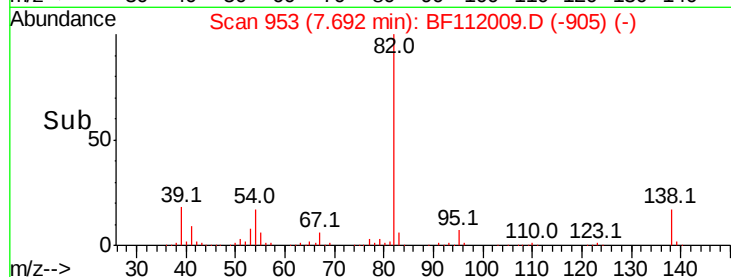
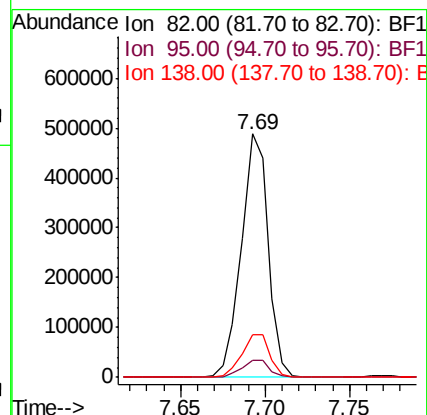
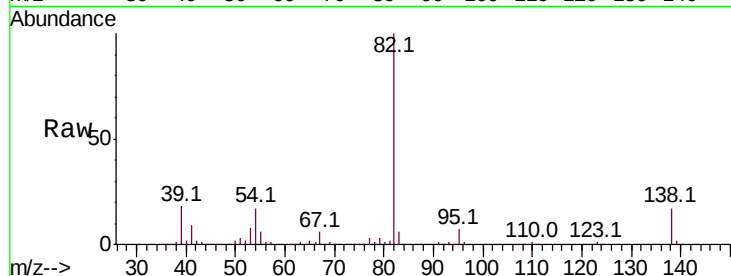
Tot Ion: 82 Resp: 540892

Ion Ratio Lower Upper

82 100

95 7.2 5.8 8.6

138 17.3 14.4 21.6



#26

2-Nitrophenol

Concen: 39.855 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF112009.D

Acq: 11 Jan 2019 12:28

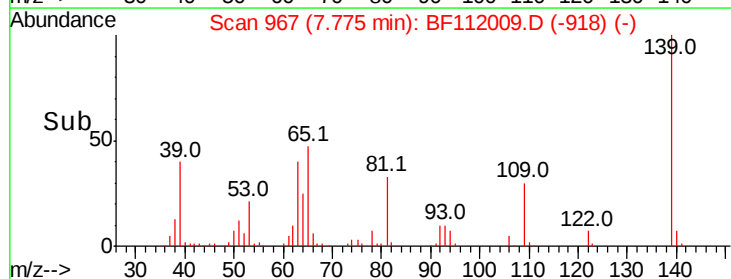
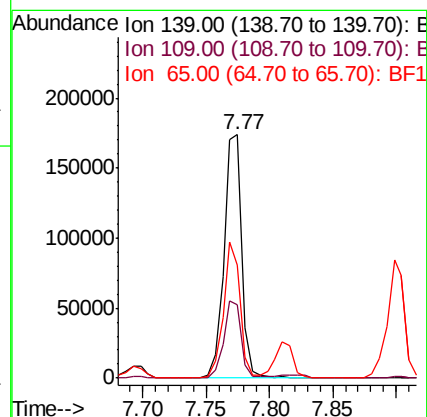
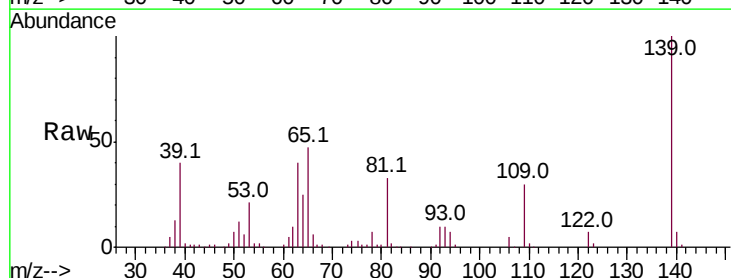
Tgt Ion: 139 Resp: 170684

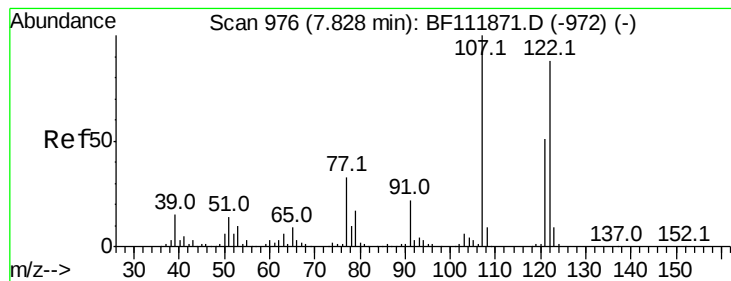
Ion Ratio Lower Upper

139 100

109 30.1 24.1 36.1

65 46.7 43.6 65.4





#27

2,4-Dimethylphenol

Concen: 39.920 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.02 min

Lab File: BF112009.D

Acq: 11 Jan 2019 12:28

Instrument :

BNA_F

ClientSampleId :

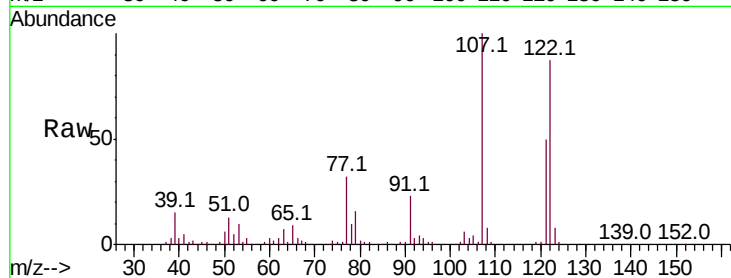
Tot Ion:122 Resp: 247185

Ion Ratio Lower Upper

122 100

107 115.0 91.0 136.6

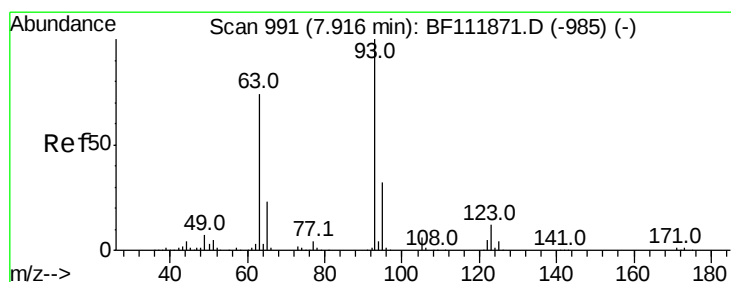
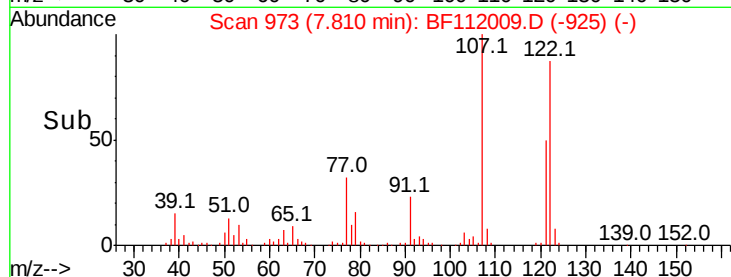
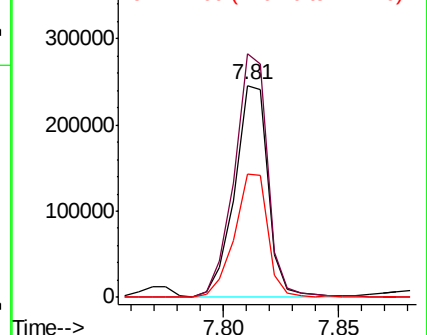
121 58.1 46.8 70.2



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: 39.464 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.02 min

Lab File: BF112009.D

Acq: 11 Jan 2019 12:28

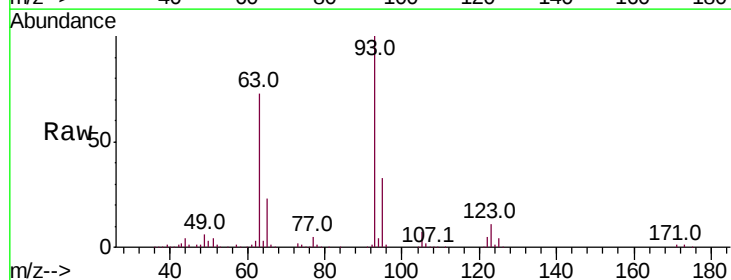
Tgt Ion: 93 Resp: 366759

Ion Ratio Lower Upper

93 100

95 32.7 25.8 38.6

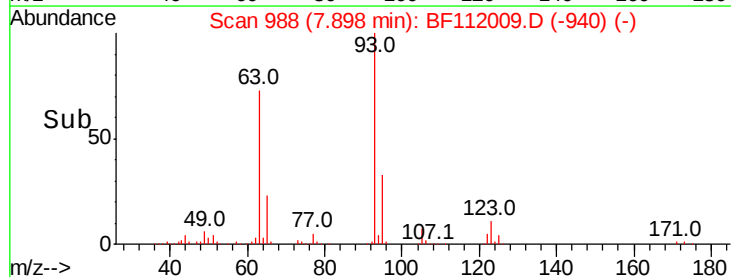
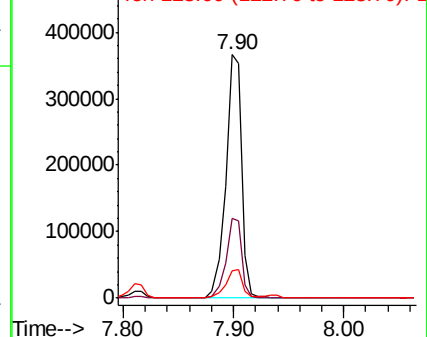
123 11.0 9.5 14.3

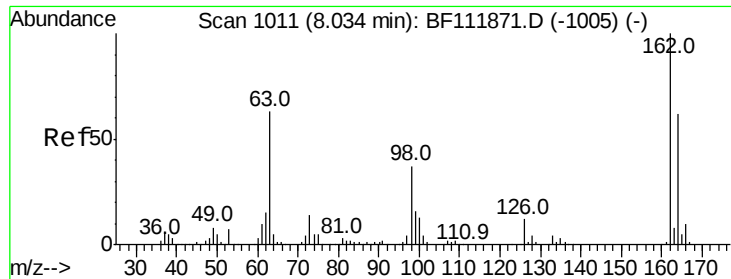


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

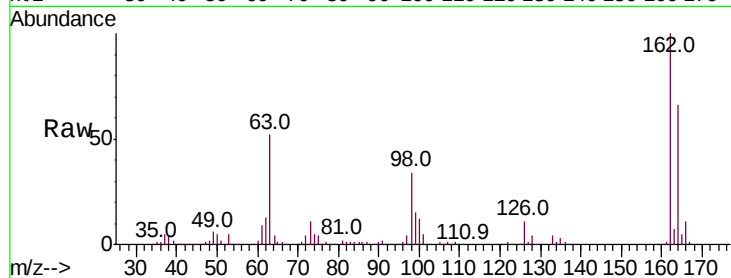




#29
 2,4-Dichlorophenol
 Concen: 39.956 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BF112009.D
 Acq: 11 Jan 2019 12:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.5	42.1	82.1
98	34.0	17.2	57.2

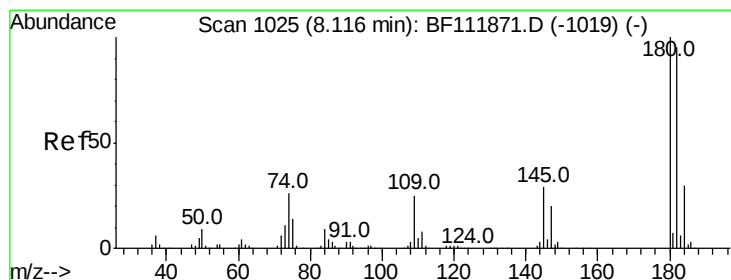
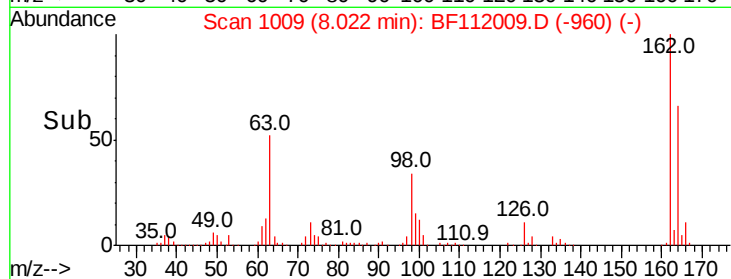
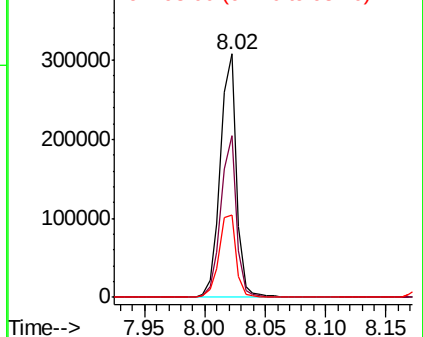


Abundance

Ion 162.00 (161.70 to 162.70): E

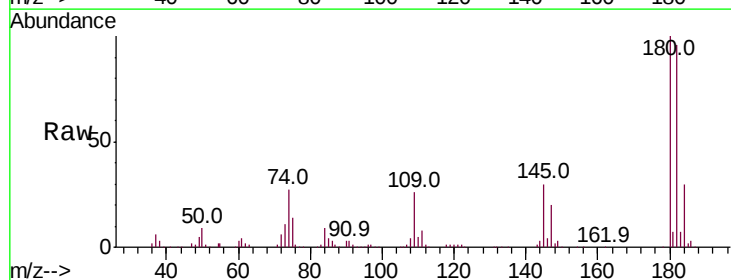
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 40.504 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. -0.02 min
 Lab File: BF112009.D
 Acq: 11 Jan 2019 12:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	76.2	114.4
145	30.1	23.4	35.2

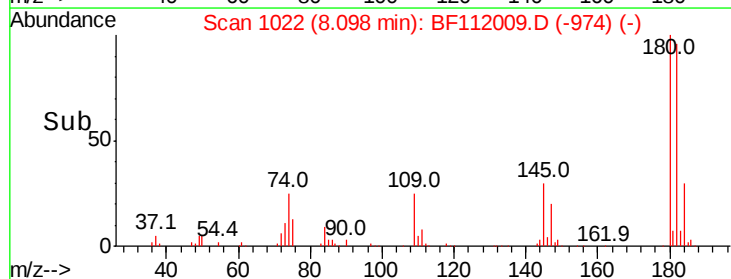
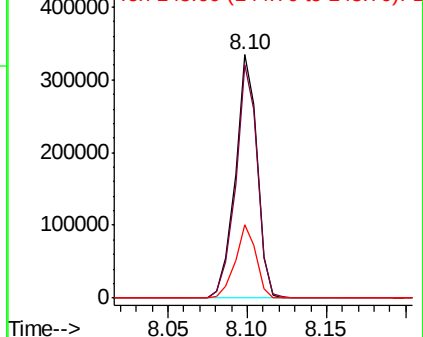


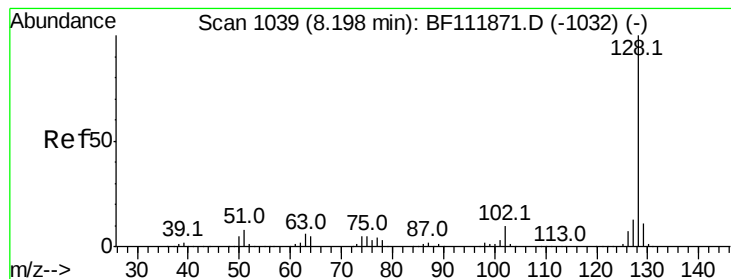
Abundance

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: 40.588 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.02 min

Lab File: BF112009.D

Acq: 11 Jan 2019 12:28

Instrument :

BNA_F

ClientSampleId :

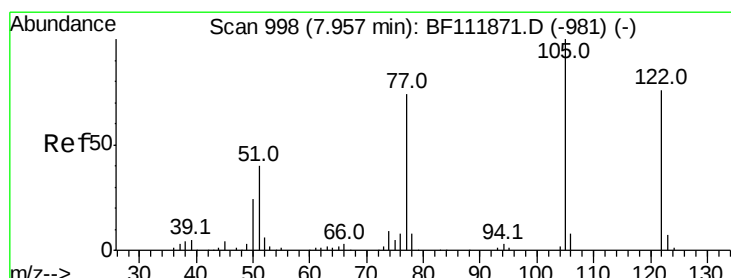
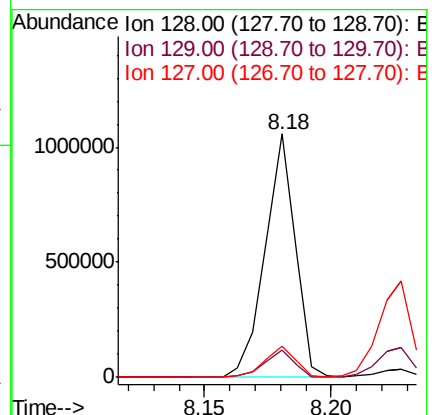
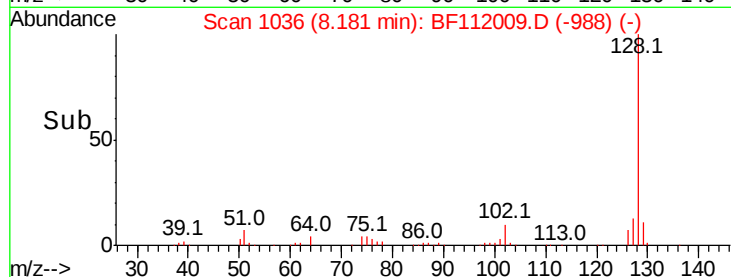
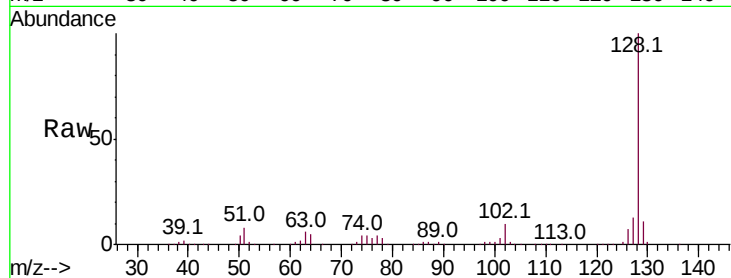
Tot Ion:128 Resp: 885380

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.4

127 13.0 10.7 16.1



#32

Benzoic acid

Concen: 26.949 ng

RT: 7.94 min Scan# 995

Delta R.T. -0.02 min

Lab File: BF112009.D

Acq: 11 Jan 2019 12:28

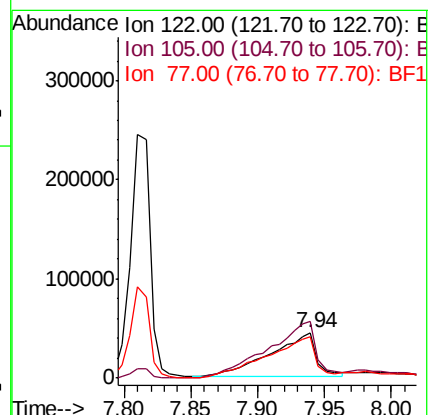
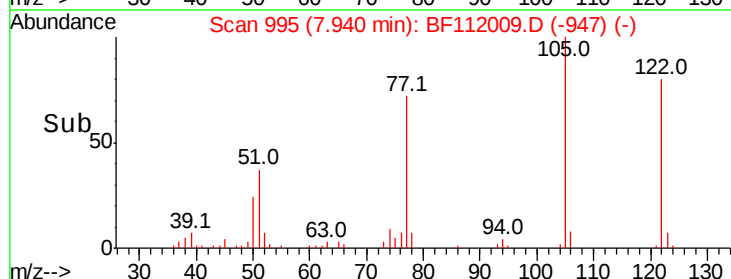
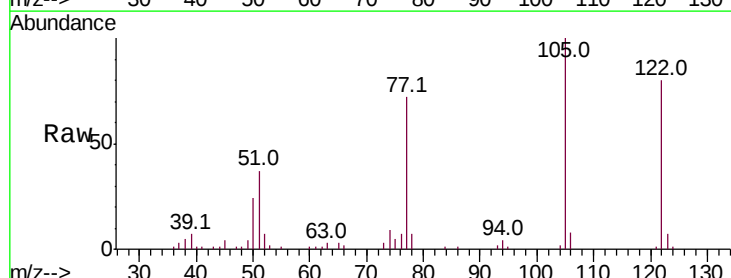
Tgt Ion:122 Resp: 108288

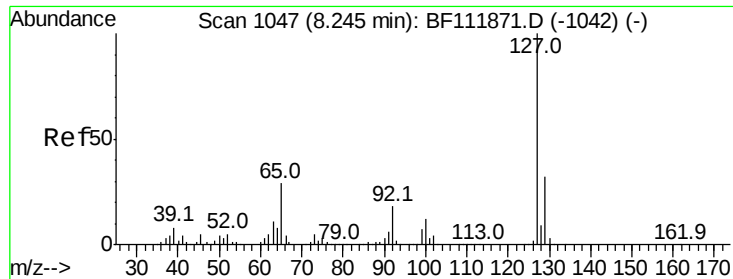
Ion Ratio Lower Upper

122 100

105 125.6 107.9 147.9

77 90.2 76.6 116.6

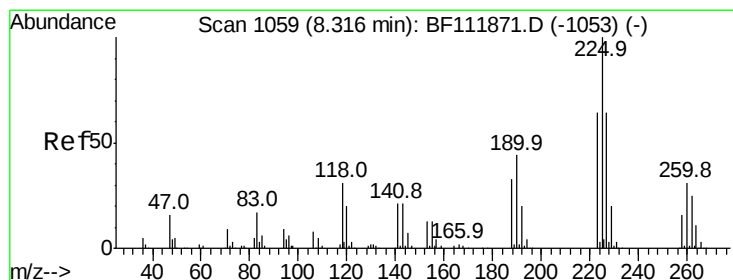
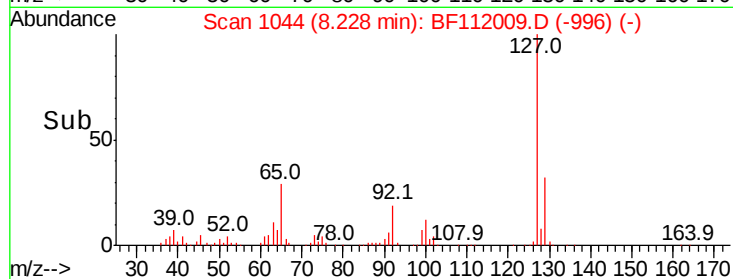
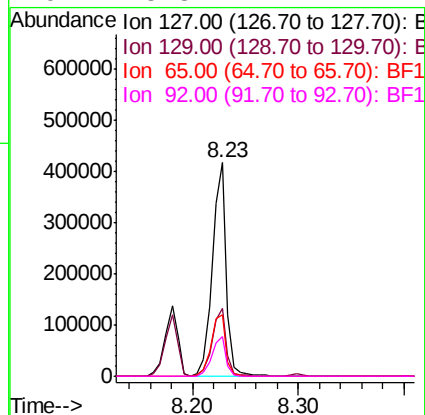
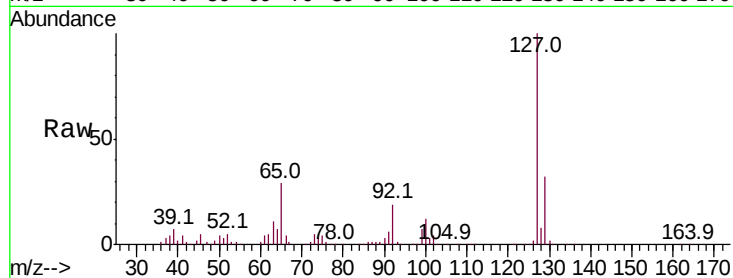




#33
4-Chloroaniline
Concen: 40.757 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BF112009.D
Acq: 11 Jan 2019 12:28

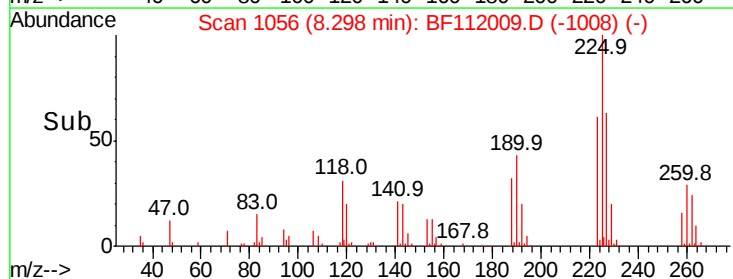
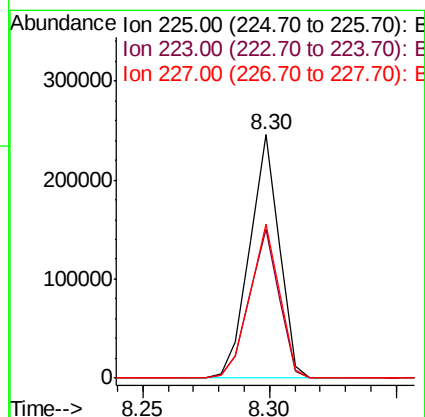
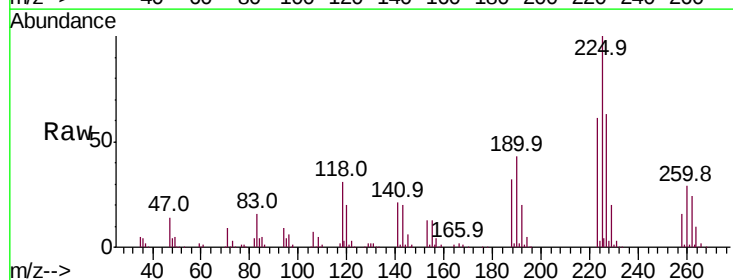
Instrument :
BNA_F
ClientSampleId :

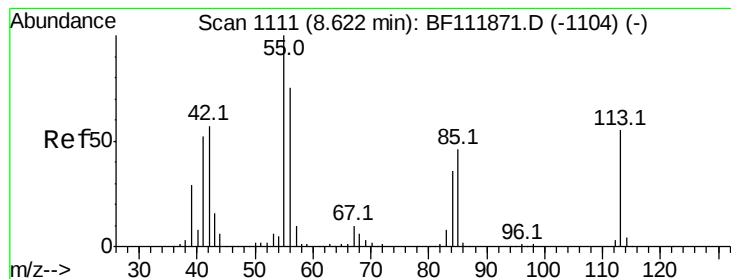
Tot Ion:	127	Resp:	384332
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.8	38.6
65	28.7	23.5	35.3
92	18.8	14.2	21.2



#34
Hexachlorobutadiene
Concen: 41.003 ng
RT: 8.30 min Scan# 1056
Delta R.T. -0.02 min
Lab File: BF112009.D
Acq: 11 Jan 2019 12:28

Tgt Ion:	225	Resp:	200503
Ion	Ratio	Lower	Upper
225	100		
223	61.0	50.9	76.3
227	63.1	51.4	77.0





#35

Caprolactam

Concen: 40.238 ng

RT: 8.60 min Scan# 1108

Delta R.T. -0.02 min

Lab File: BF112009.D

Acq: 11 Jan 2019 12:28

Instrument :

BNA_F

ClientSampleId :

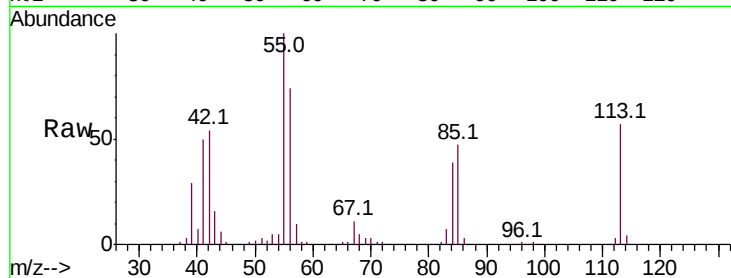
Tot Ion:113 Resp: 93607

Ion Ratio Lower Upper

113 100

55 174.5 162.0 202.0

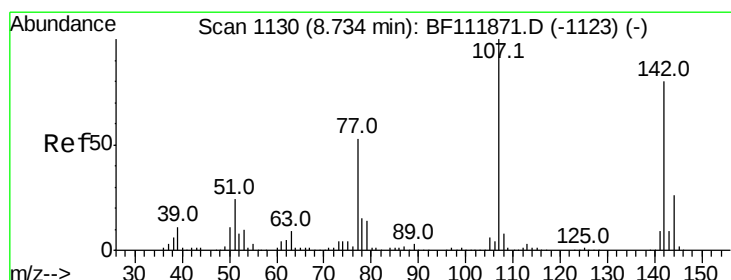
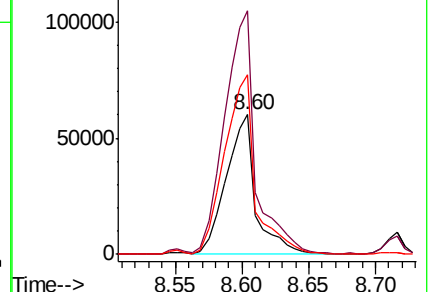
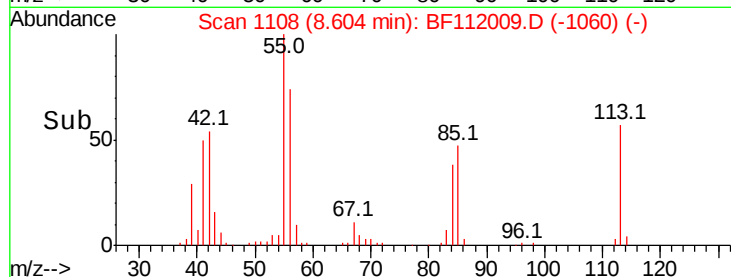
56 128.9 116.0 156.0



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: 40.031 ng

RT: 8.72 min Scan# 1127

Delta R.T. -0.02 min

Lab File: BF112009.D

Acq: 11 Jan 2019 12:28

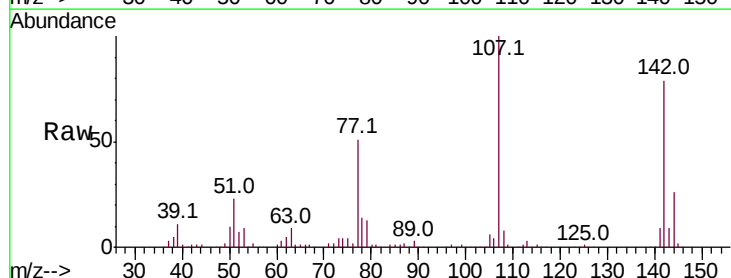
Tgt Ion:107 Resp: 283396

Ion Ratio Lower Upper

107 100

144 25.8 20.7 31.1

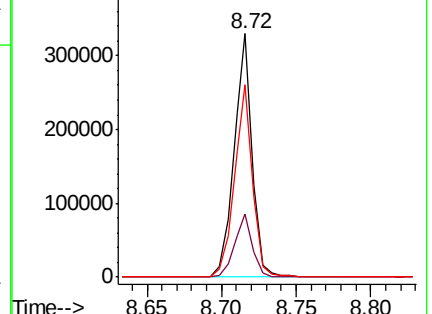
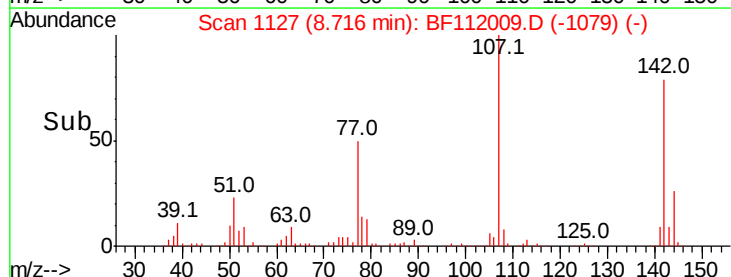
142 79.0 63.9 95.9

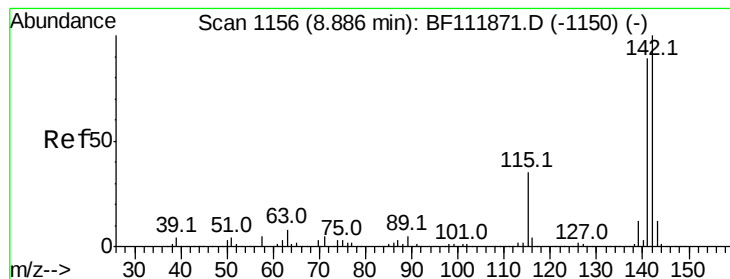


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

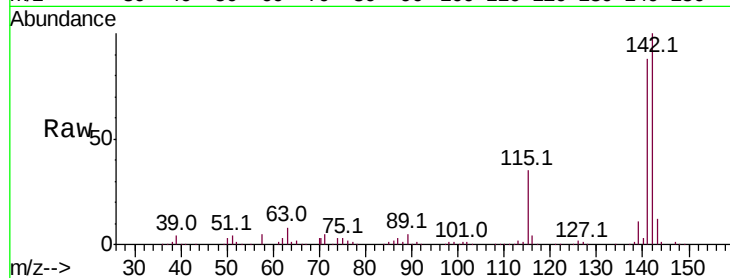




#37
2-Methylnaphthalene
Concen: 43.027 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.02 min
Lab File: BF112009.D
Acq: 11 Jan 2019 12:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.8	71.4	107.2
115	34.9	28.3	42.5

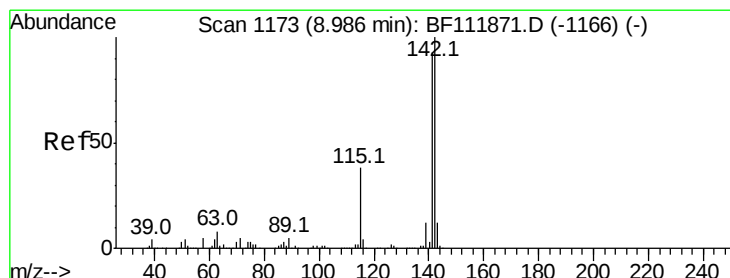
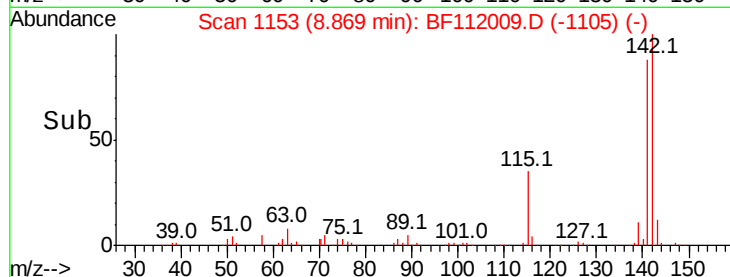
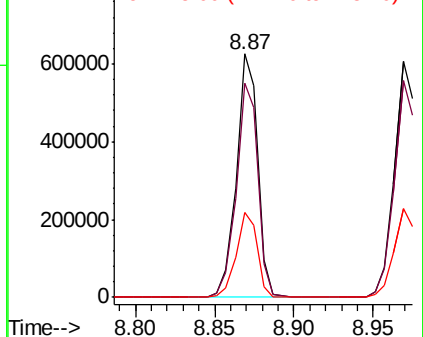


Abundance

Ion 142.00 (141.70 to 142.70): E

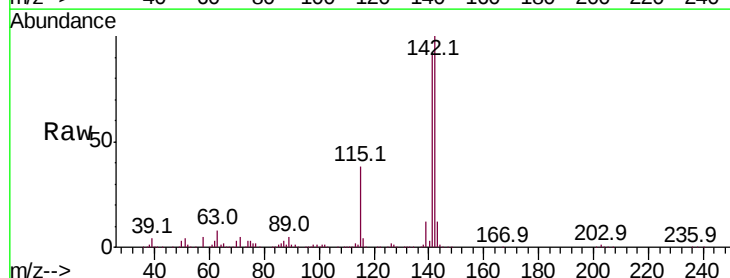
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 42.986 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.02 min
Lab File: BF112009.D
Acq: 11 Jan 2019 12:28

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.0	74.8	112.2
116	4.0	3.1	4.7

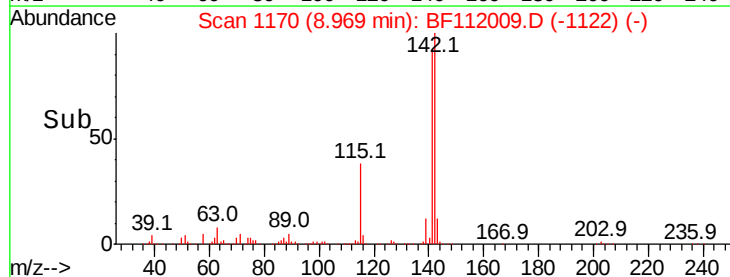
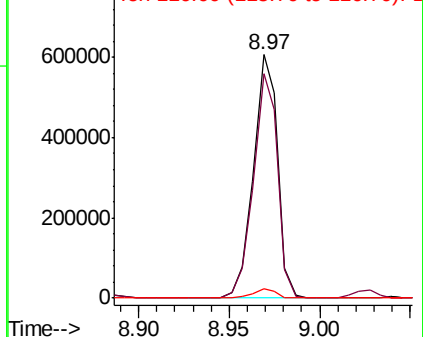


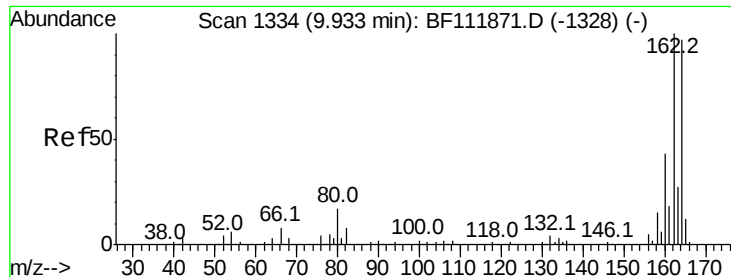
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

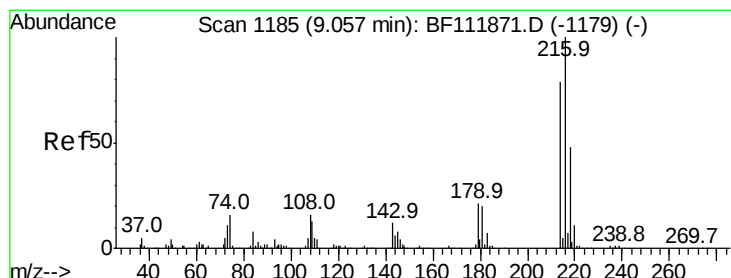
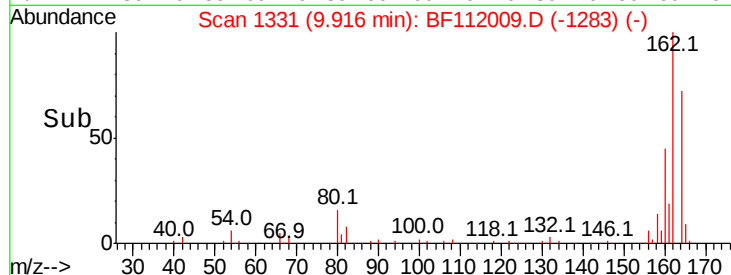
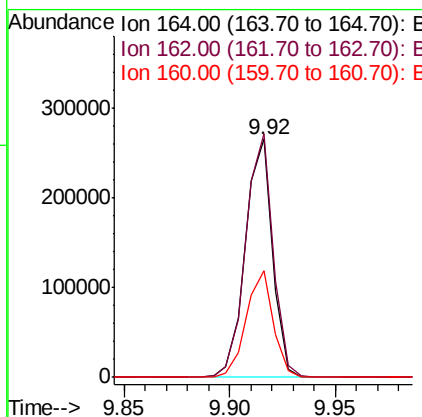
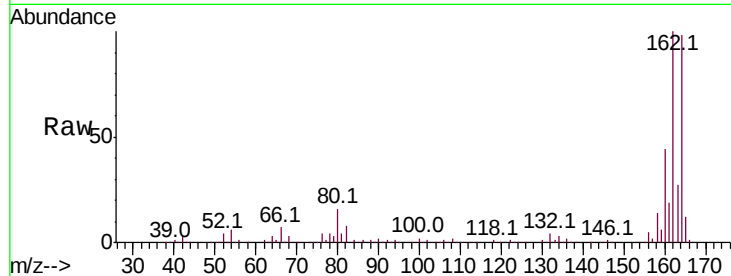




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BF112009.D
Acq: 11 Jan 2019 12:28

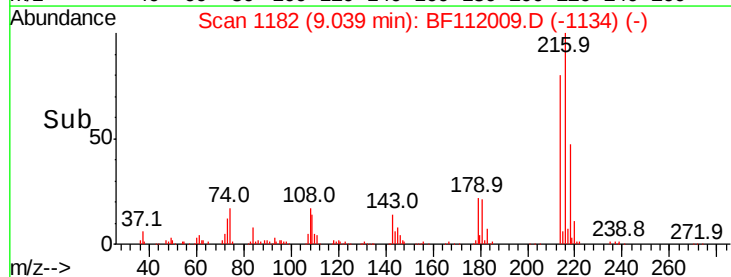
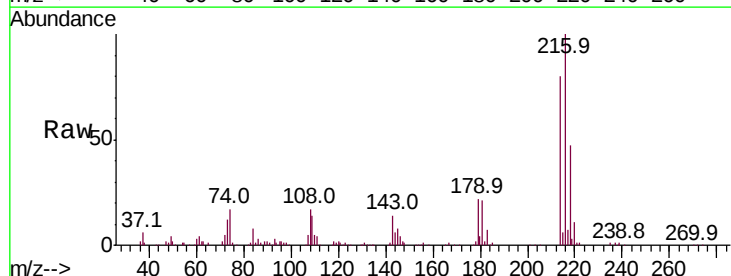
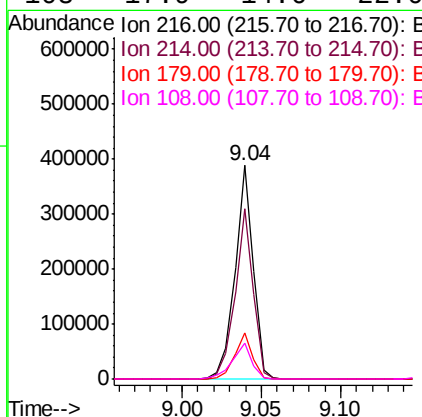
Instrument :
BNA_F
ClientSampleId :

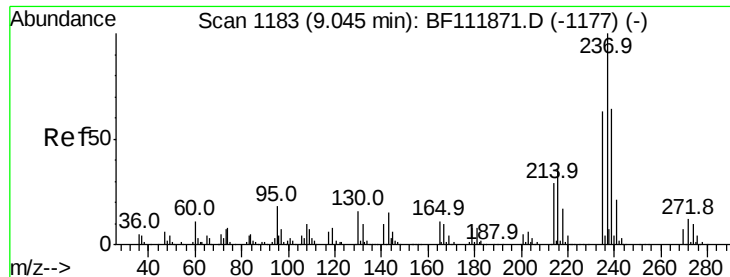
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.2	123.2
160	44.9	35.5	53.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.141 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.02 min
Lab File: BF112009.D
Acq: 11 Jan 2019 12:28

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.5	95.3
179	21.2	17.0	25.6
108	17.9	14.6	22.0





#41

Hexachlorocyclopentadiene

Concen: 32.576 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.02 min

Lab File: BF112009.D

Acq: 11 Jan 2019 12:28

Instrument :

BNA_F

ClientSampled :

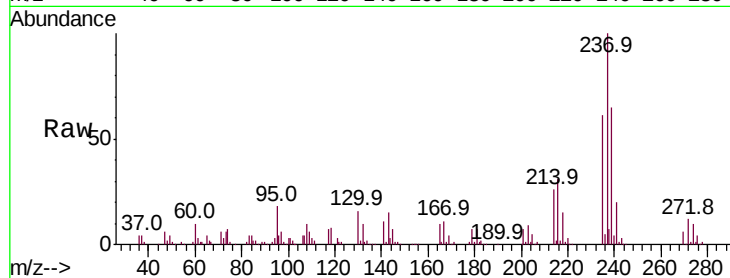
Tot Ion:237 Resp: 142143

Ion Ratio Lower Upper

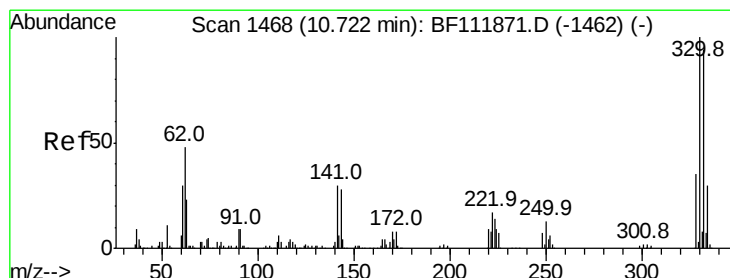
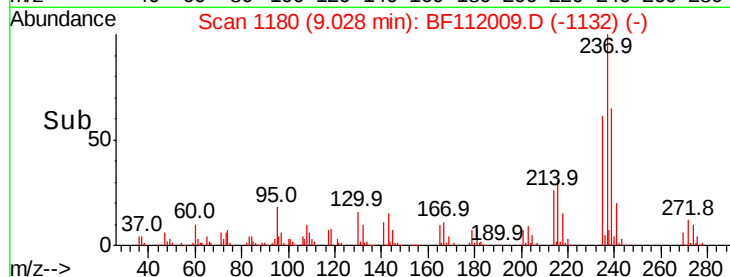
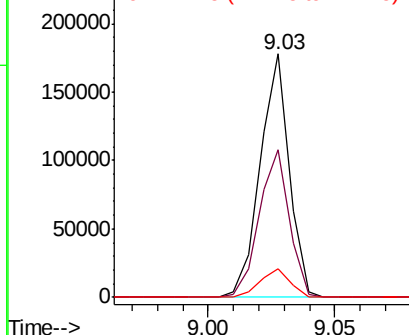
237 100

235 60.5 42.6 82.6

272 11.8 0.0 32.3



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



#42

2,4,6-Tribromophenol

Concen: 78.797 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.02 min

Lab File: BF112009.D

Acq: 11 Jan 2019 12:28

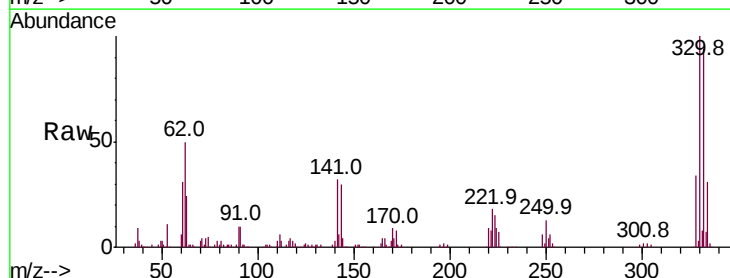
Tgt Ion:330 Resp: 242614

Ion Ratio Lower Upper

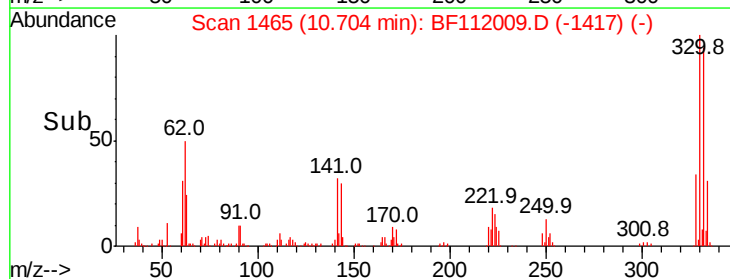
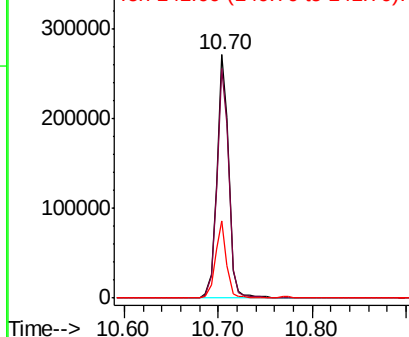
330 100

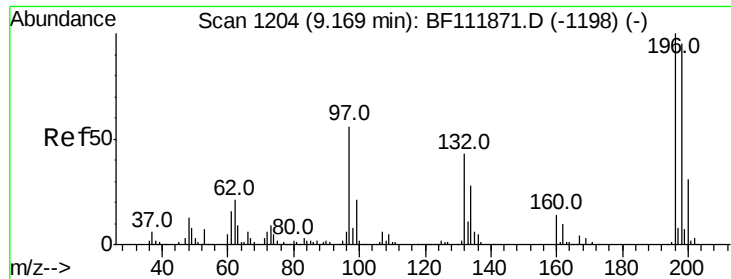
332 95.3 76.9 115.3

141 29.6 23.7 35.5



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

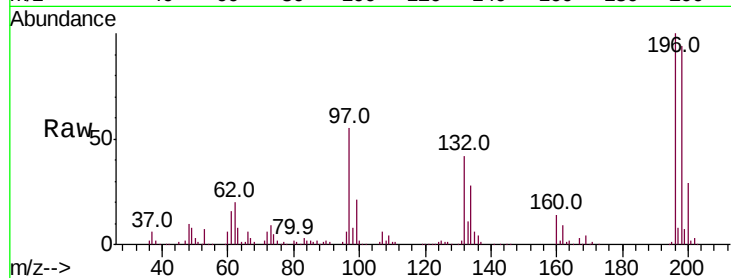




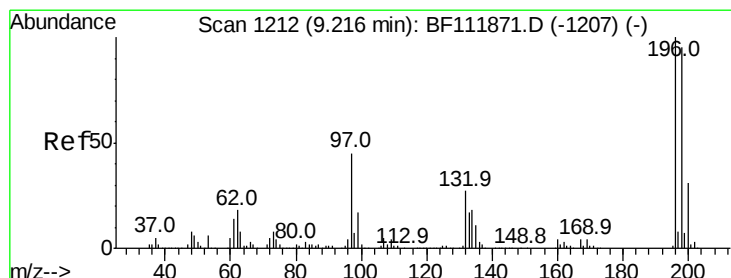
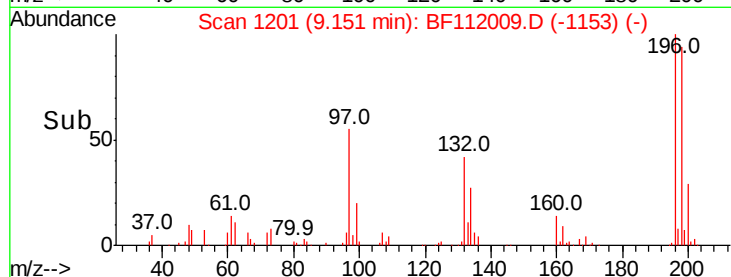
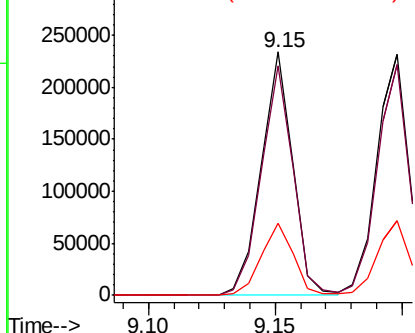
#43
 2,4,6-Trichlorophenol
 Concen: 39.841 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.02 min
 Lab File: BF112009.D
 Acq: 11 Jan 2019 12:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 203931
 Ion Ratio Lower Upper
 196 100
 198 94.5 75.8 113.8
 200 29.4 24.5 36.7

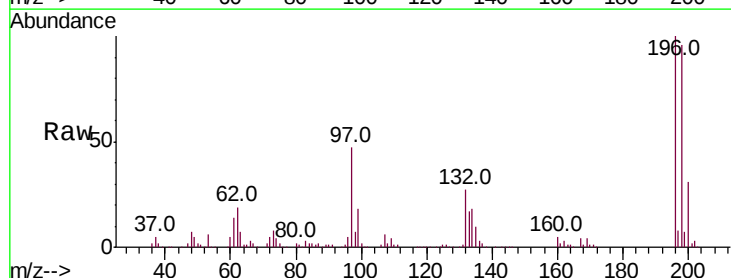


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

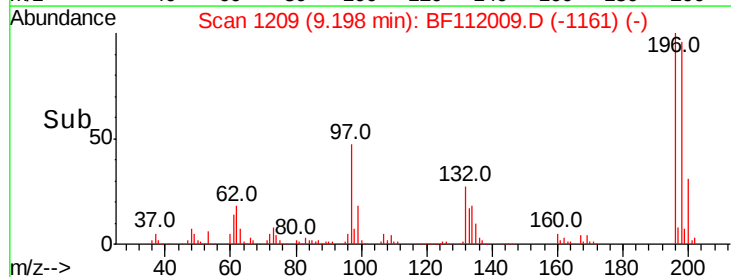
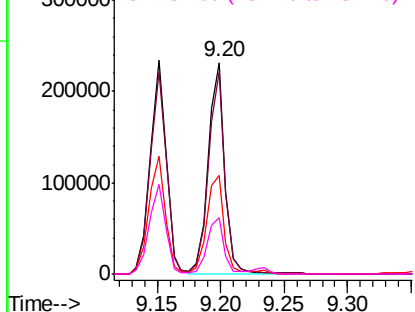


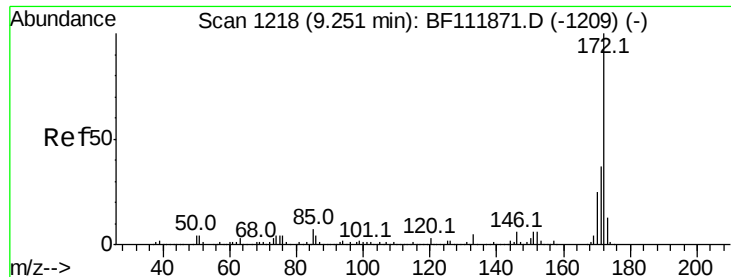
#44
 2,4,5-Trichlorophenol
 Concen: 39.506 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.02 min
 Lab File: BF112009.D
 Acq: 11 Jan 2019 12:28

Tgt Ion:196 Resp: 211865
 Ion Ratio Lower Upper
 196 100
 198 95.8 76.2 114.2
 97 47.0 36.4 54.6
 132 26.6 21.7 32.5



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

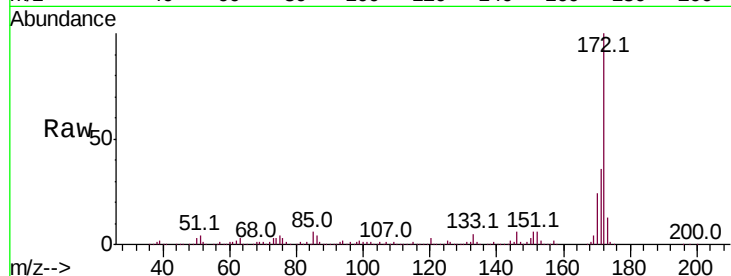




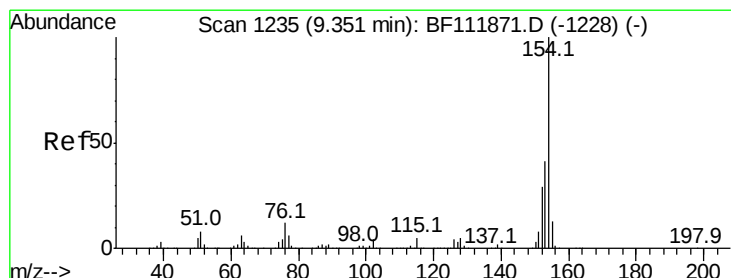
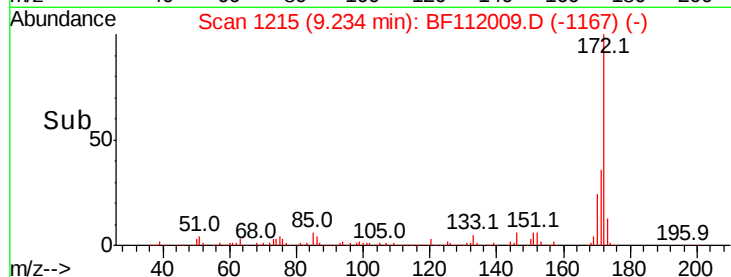
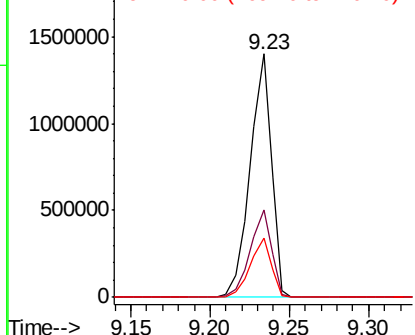
#45
2-Fluorobiphenyl
Concen: 80.734 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.02 min
Lab File: BF112009.D
Acq: 11 Jan 2019 12:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1310594
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 24.2 19.8 29.8

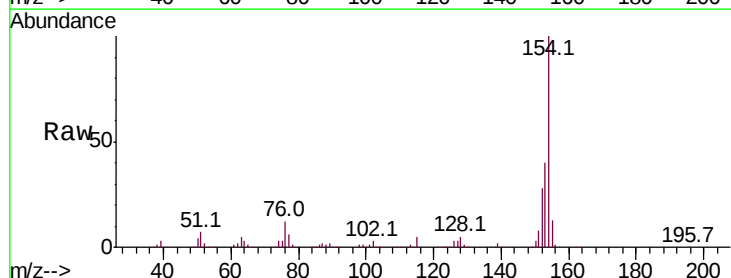


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

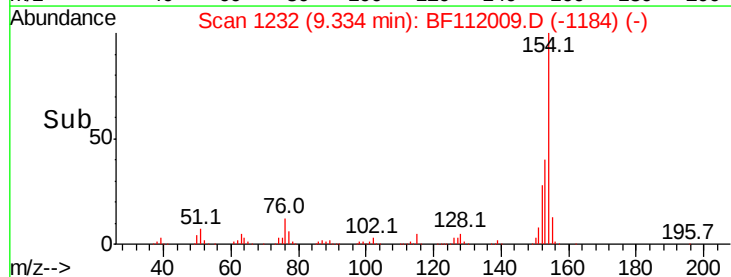
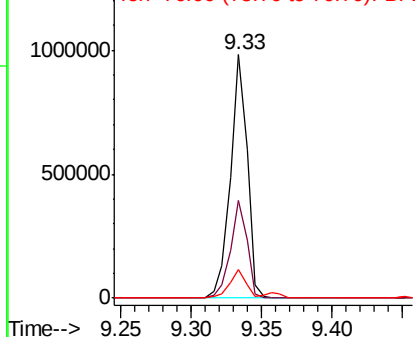


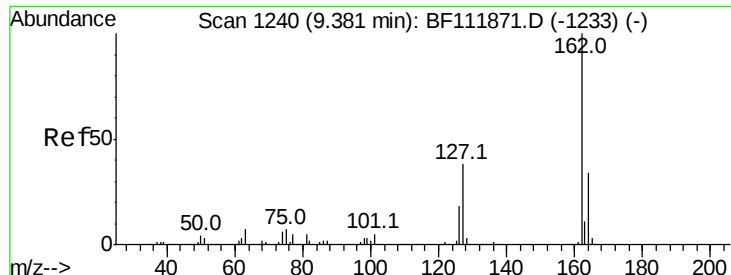
#46
1,1'-Biphenyl
Concen: 40.837 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.02 min
Lab File: BF112009.D
Acq: 11 Jan 2019 12:28

Tgt Ion:154 Resp: 808611
Ion Ratio Lower Upper
154 100
153 40.1 21.3 61.3
76 12.0 0.0 32.3



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

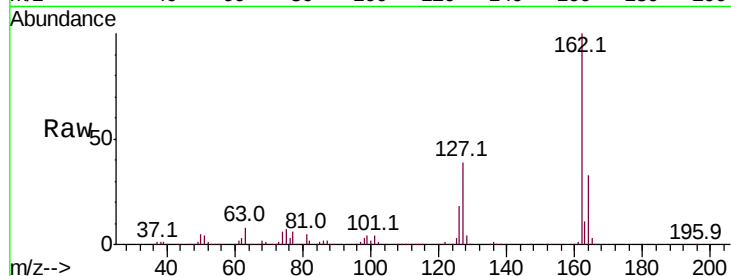




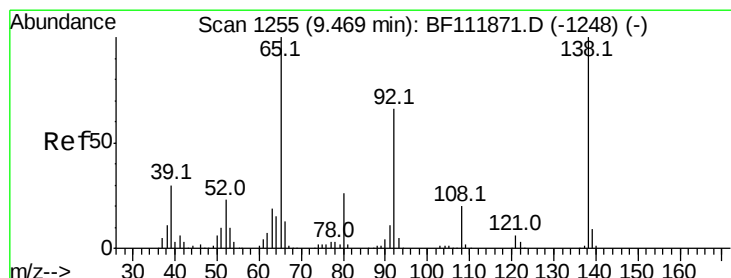
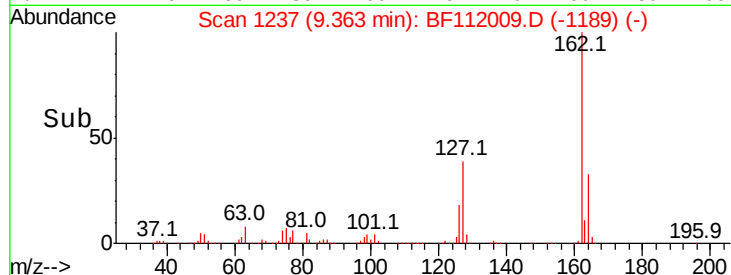
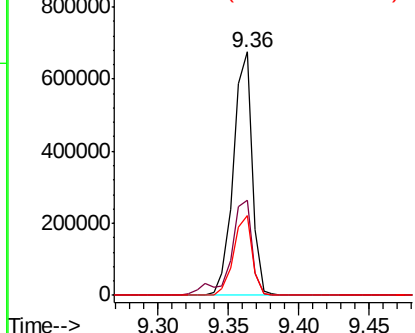
#47
2-Chloronaphthalene
Concen: 40.288 ng
RT: 9.36 min Scan# 1237
Delta R.T. -0.02 min
Lab File: BF112009.D
Acq: 11 Jan 2019 12:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.0	31.2	46.8
164	32.7	27.0	40.6

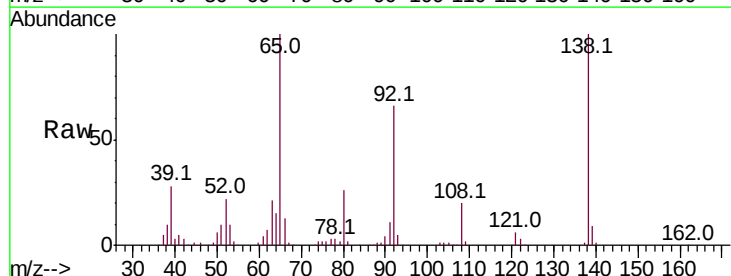


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

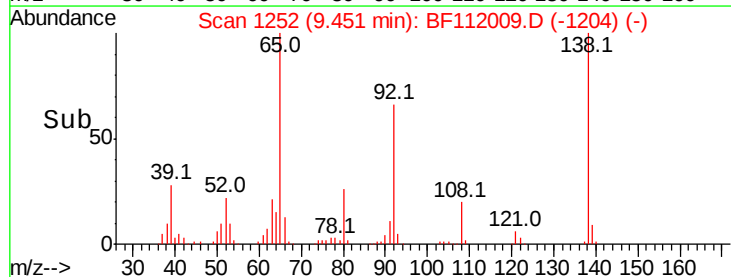
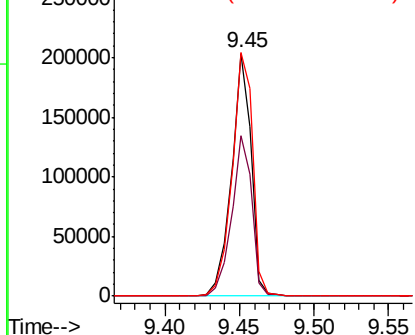


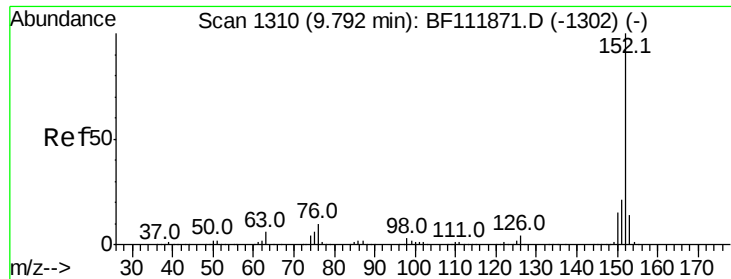
#48
2-Nitroaniline
Concen: 39.898 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF112009.D
Acq: 11 Jan 2019 12:28

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.2	52.5	78.7
138	100.2	79.8	119.6



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.317 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.02 min

Lab File: BF112009.D

Acq: 11 Jan 2019 12:28

Instrument :

BNA_F

ClientSampleId :

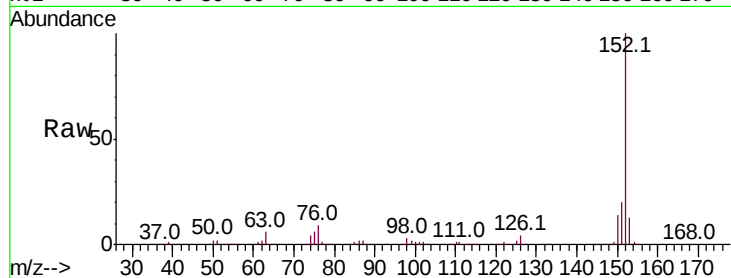
Tot Ion:152 Resp: 926294

Ion Ratio Lower Upper

152 100

151 20.2 16.6 25.0

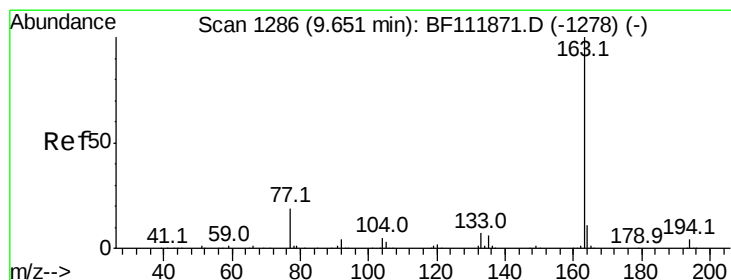
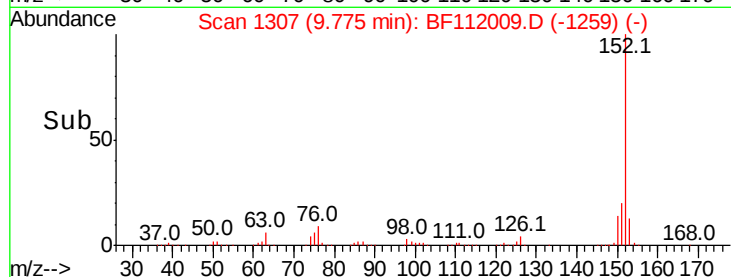
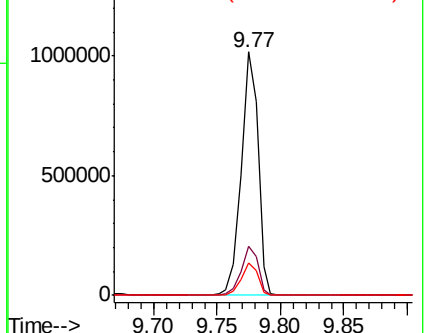
153 13.4 11.0 16.4



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: 39.562 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.02 min

Lab File: BF112009.D

Acq: 11 Jan 2019 12:28

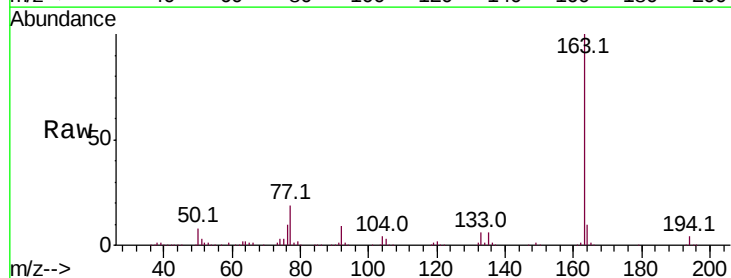
Tgt Ion:163 Resp: 703509

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

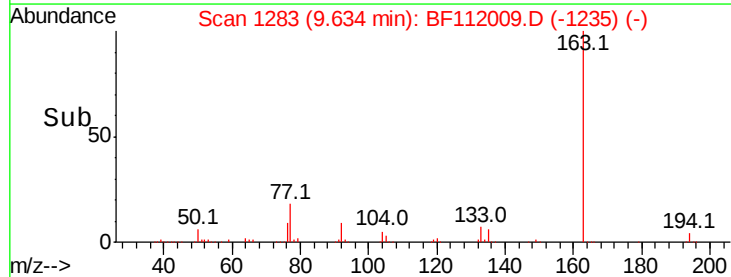
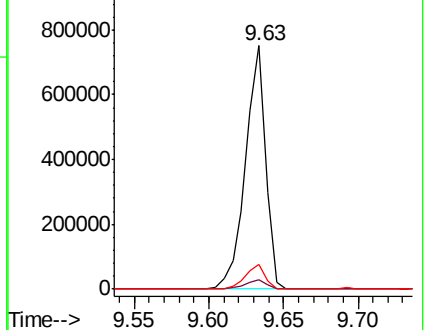
164 10.1 8.5 12.7

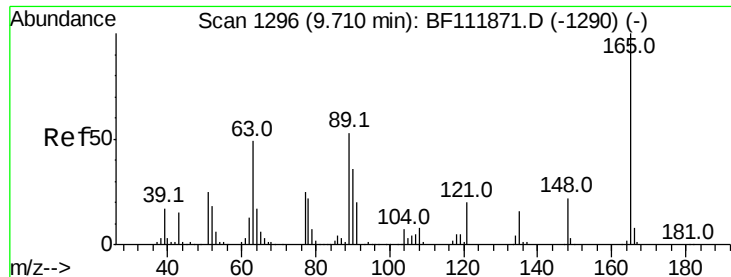


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

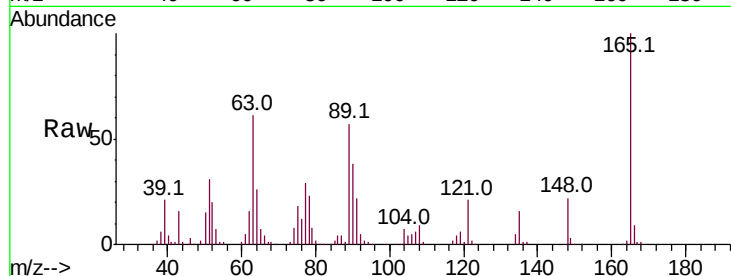




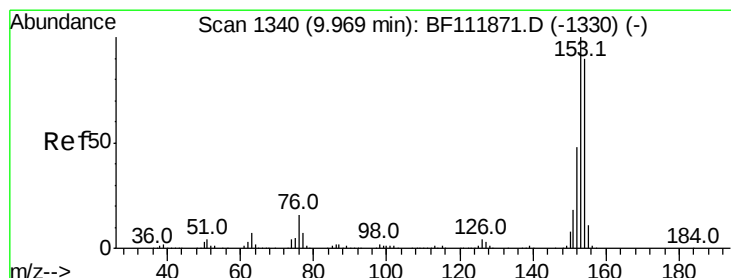
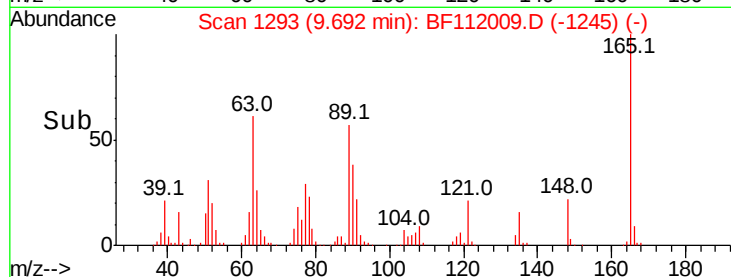
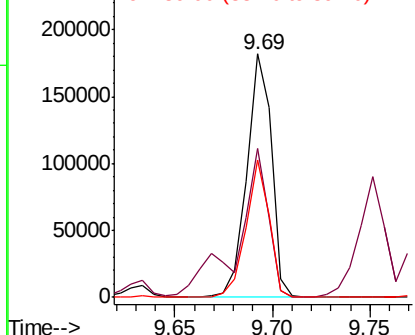
#51
 2,6-Dinitrotoluene
 Concen: 40.069 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.02 min
 Lab File: BF112009.D
 Acq: 11 Jan 2019 12:28

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 159336
 Ion Ratio Lower Upper
 165 100
 63 61.1 46.2 69.2
 89 56.5 42.2 63.2

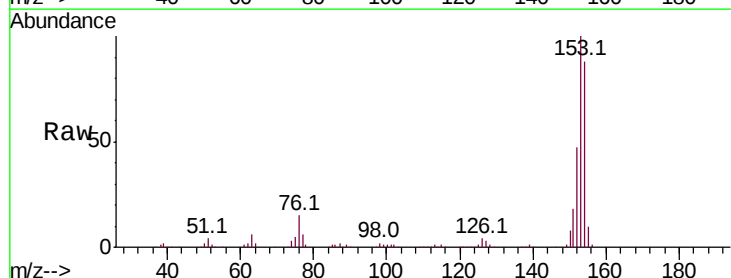


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

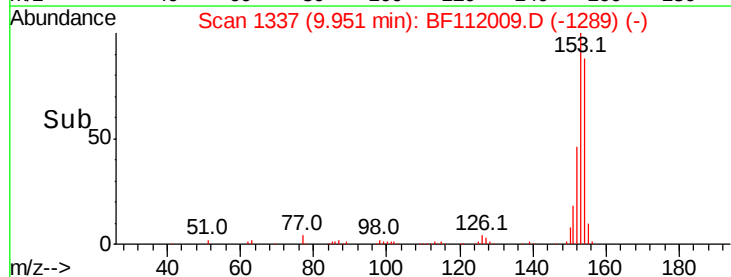
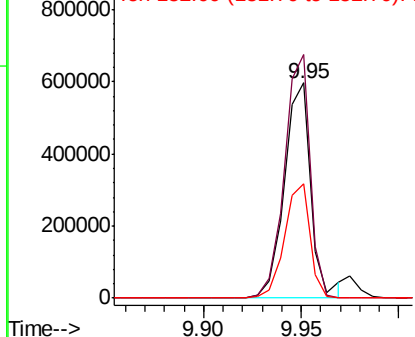


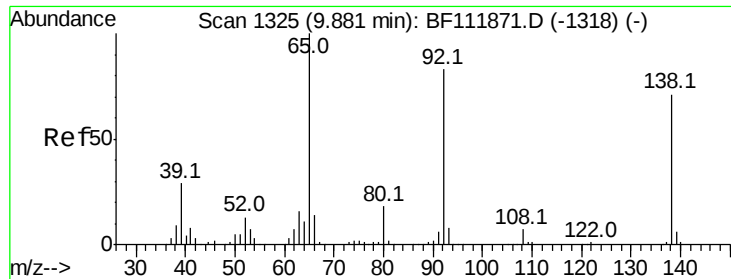
#52
 Acenaphthene
 Concen: 38.057 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.02 min
 Lab File: BF112009.D
 Acq: 11 Jan 2019 12:28

Tgt Ion:154 Resp: 563693
 Ion Ratio Lower Upper
 154 100
 153 113.3 89.4 134.0
 152 53.0 43.1 64.7



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

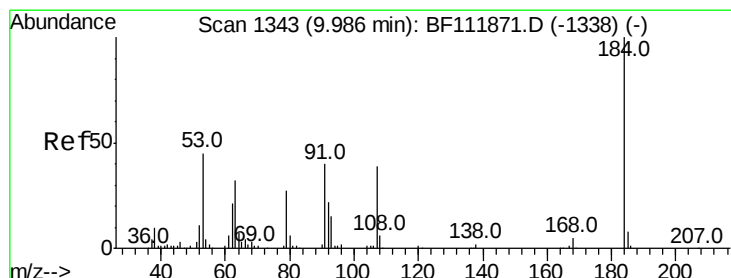
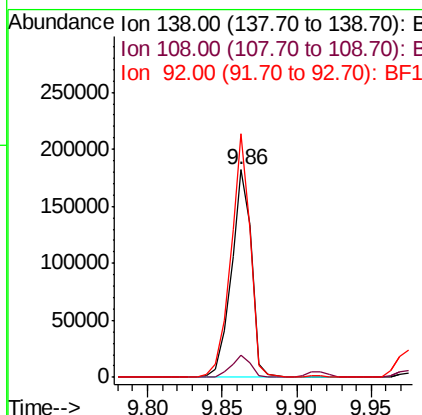
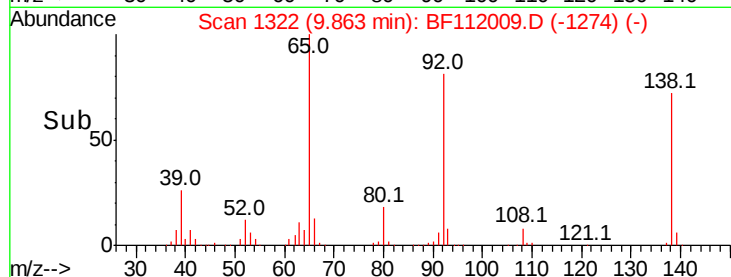
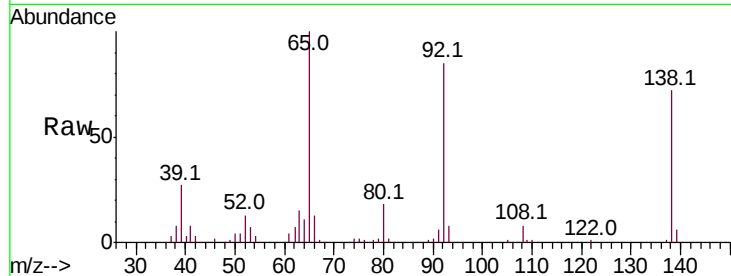




#53
3-Nitroaniline
Concen: 40.407 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.02 min
Lab File: BF112009.D
Acq: 11 Jan 2019 12:28

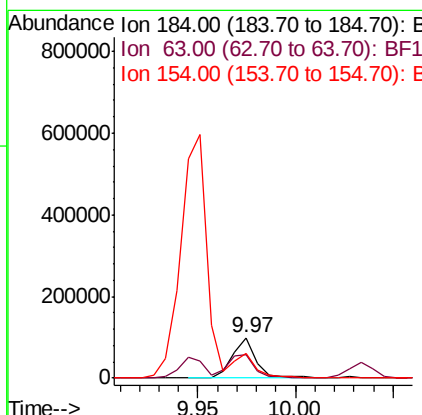
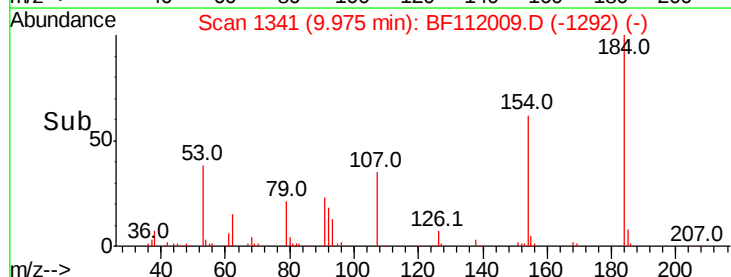
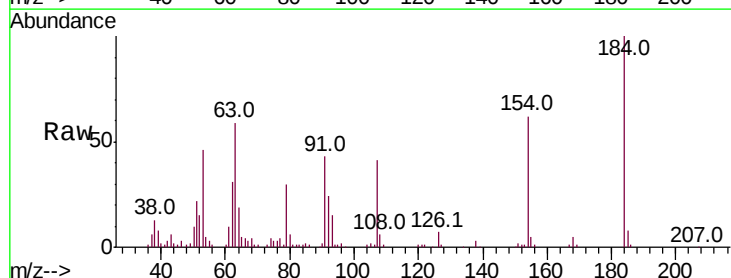
Instrument :
BNA_F
ClientSampleId :

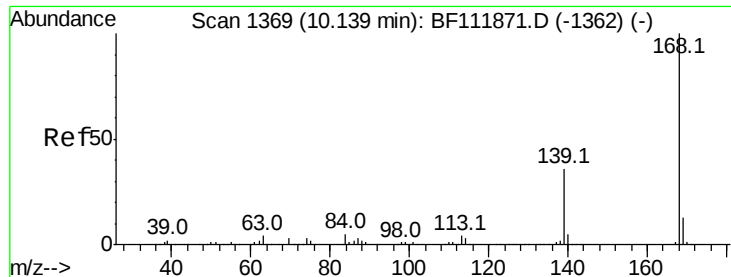
Tot Ion:138 Resp: 172069
Ion Ratio Lower Upper
138 100
108 11.0 8.2 12.4
92 117.5 93.5 140.3



#54
2,4-Dinitrophenol
Concen: 50.595 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF112009.D
Acq: 11 Jan 2019 12:28

Tgt Ion:184 Resp: 85192
Ion Ratio Lower Upper
184 100
63 58.9 46.9 70.3
154 62.0 46.9 70.3

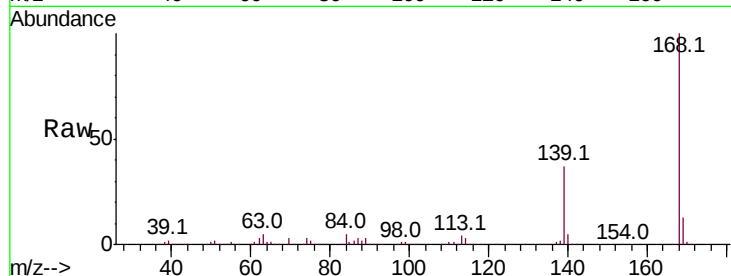




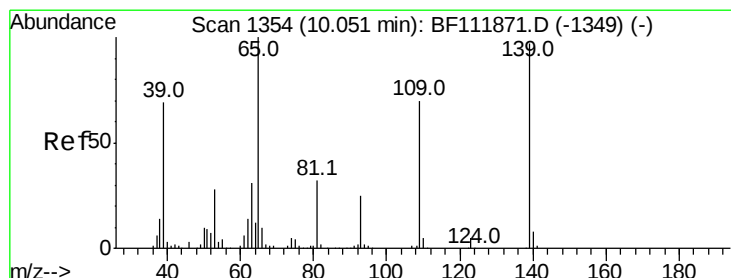
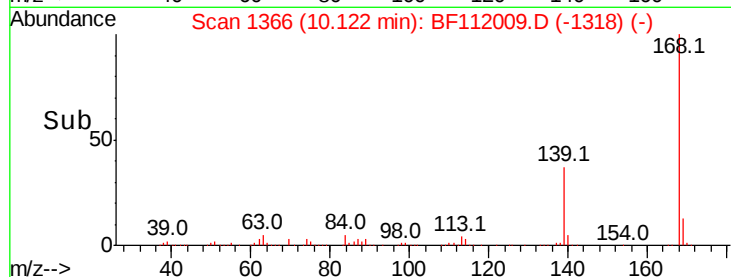
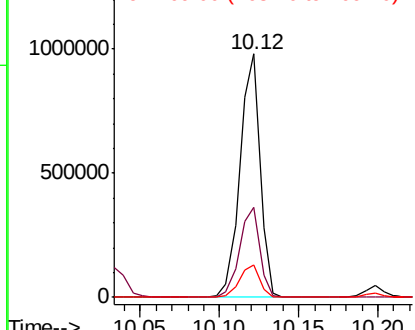
#55
Dibenzofuran
Concen: 40.002 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.02 min
Lab File: BF112009.D
Acq: 11 Jan 2019 12:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 861674
Ion Ratio Lower Upper
168 100
139 37.0 29.3 43.9
169 13.4 10.6 16.0

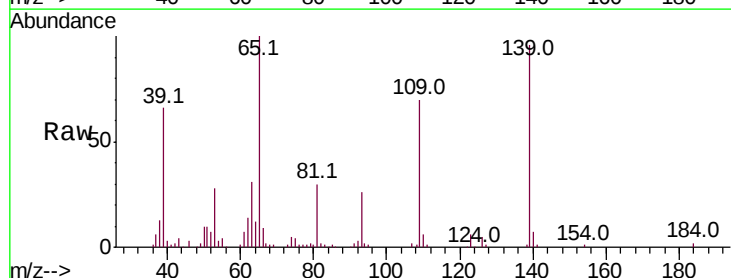


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

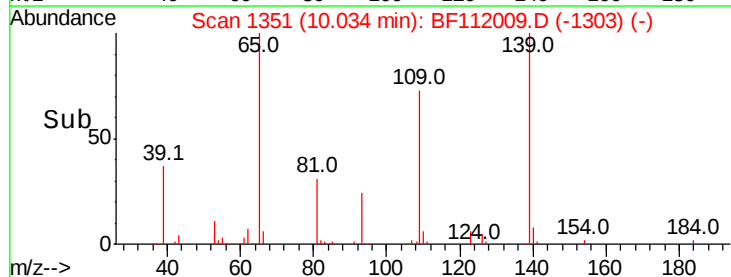
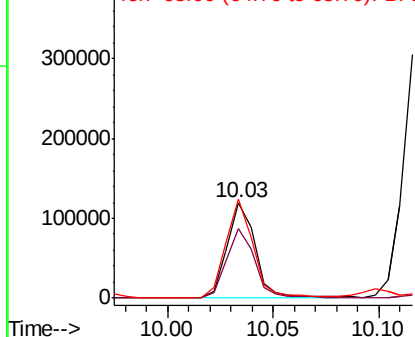


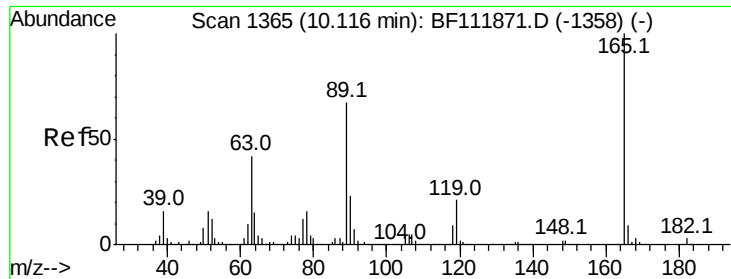
#56
4-Nitrophenol
Concen: 36.604 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.02 min
Lab File: BF112009.D
Acq: 11 Jan 2019 12:28

Tgt Ion:139 Resp: 110139
Ion Ratio Lower Upper
139 100
109 73.4 52.2 92.2
65 104.1 83.1 123.1



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

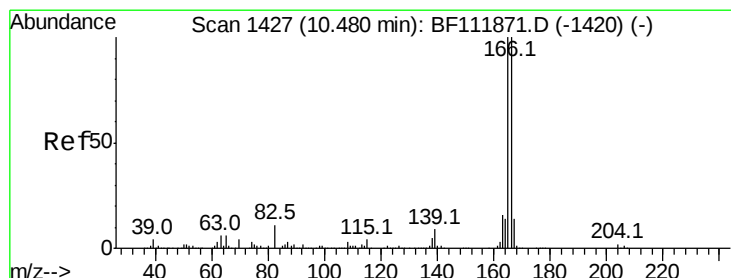
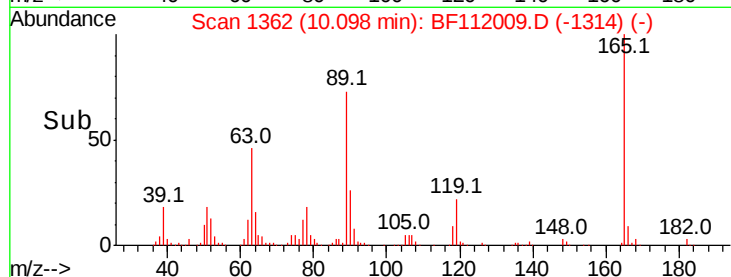
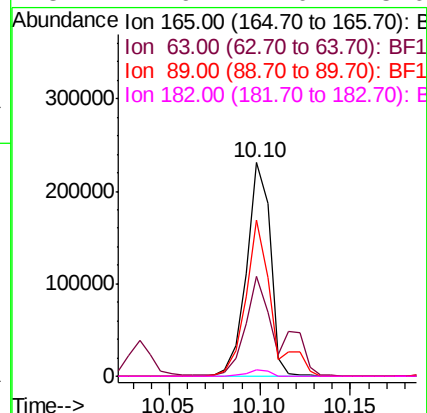
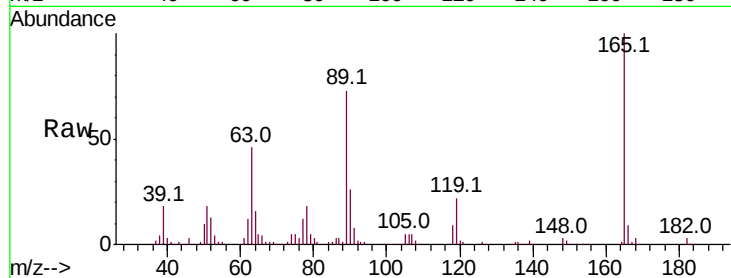




#57
2,4-Dinitrotoluene
Concen: 40.854 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.02 min
Lab File: BF112009.D
Acq: 11 Jan 2019 12:28

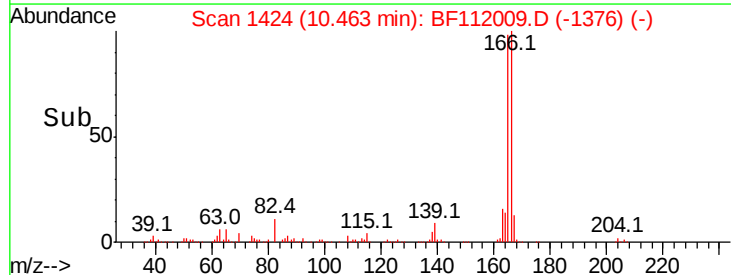
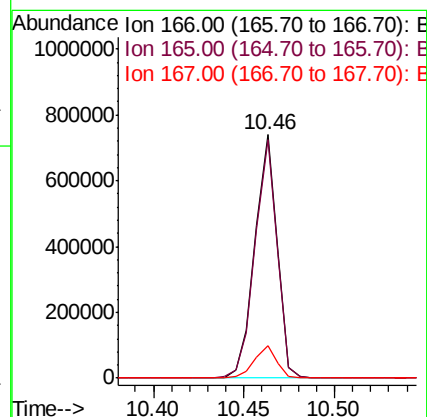
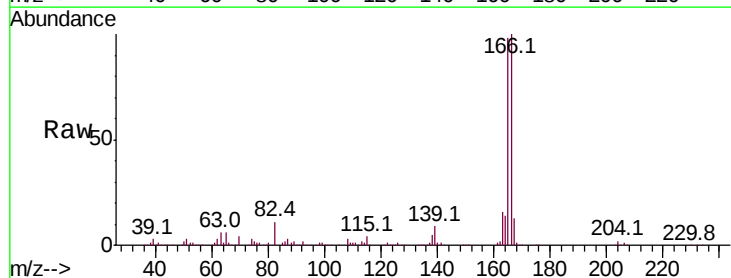
Instrument :
BNA_F
ClientSampleId :

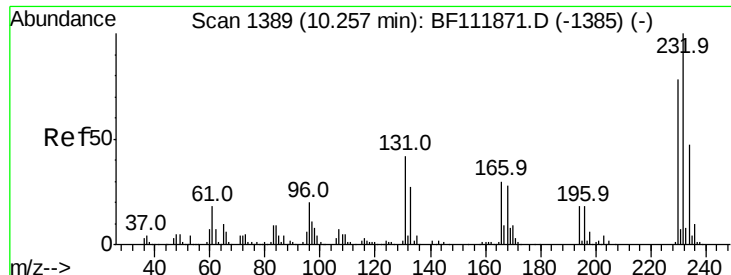
Tot Ion	Ratio	Lower	Upper
165	100		
63	46.5	34.1	51.1
89	72.9	53.5	80.3
182	2.9	2.0	3.0



#58
Fluorene
Concen: 40.361 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.02 min
Lab File: BF112009.D
Acq: 11 Jan 2019 12:28

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.2	79.7	119.5
167	13.4	11.1	16.7

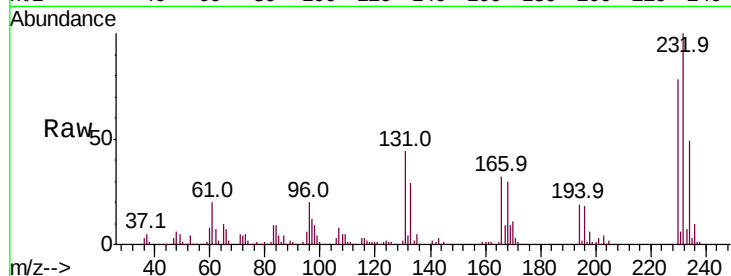




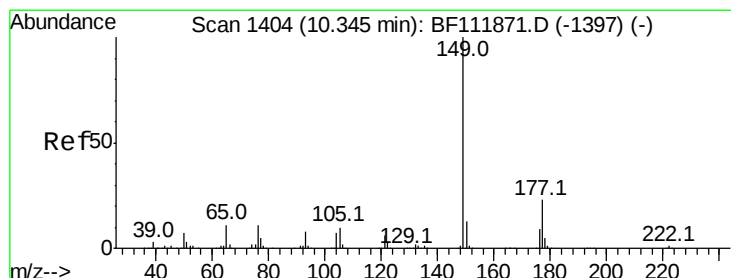
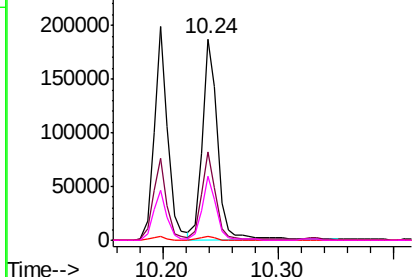
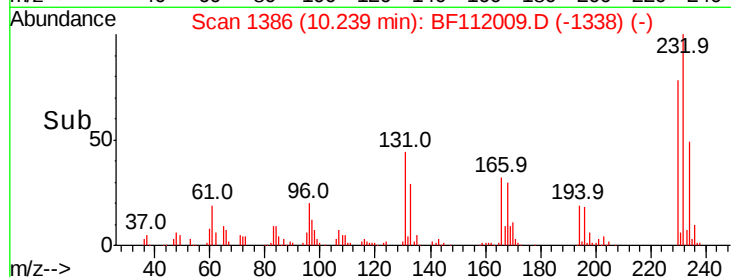
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.396 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. -0.02 min
 Lab File: BF112009.D
 Acq: 11 Jan 2019 12:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 173492
 Ion Ratio Lower Upper
 232 100
 131 42.4 34.0 51.0
 130 1.9 1.6 2.4
 166 29.4 23.4 35.0

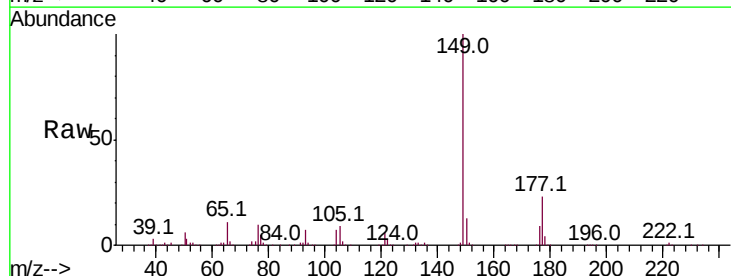


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

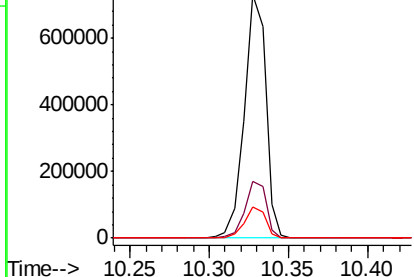
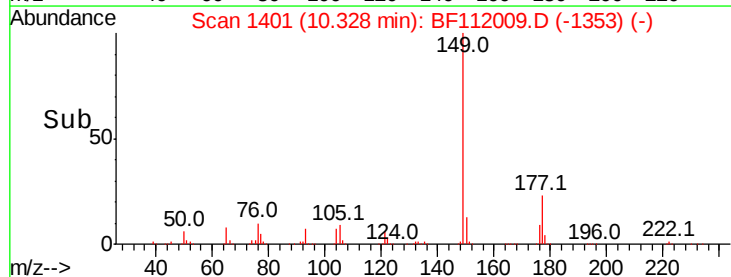


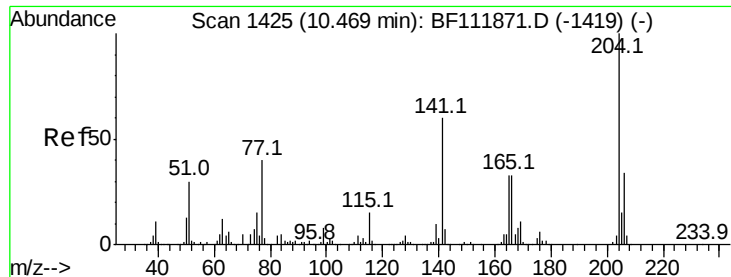
#60
 Diethylphthalate
 Concen: 39.821 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. -0.02 min
 Lab File: BF112009.D
 Acq: 11 Jan 2019 12:28

Tgt Ion:149 Resp: 685260
 Ion Ratio Lower Upper
 149 100
 177 23.3 18.3 27.5
 150 12.7 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

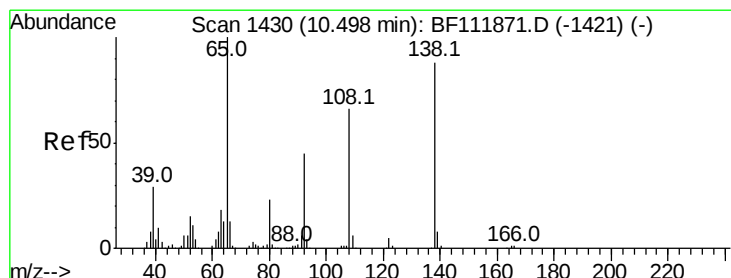
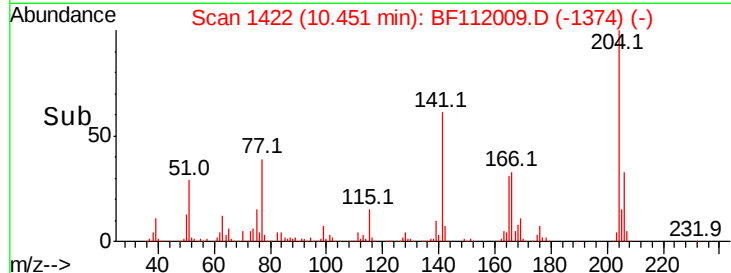
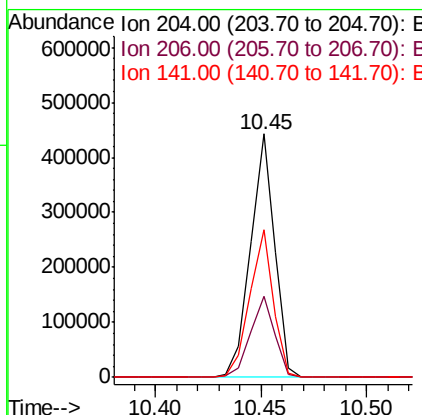
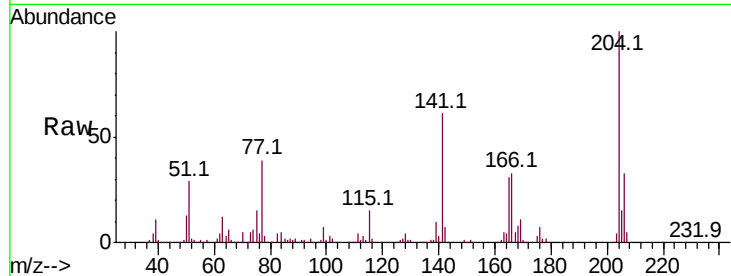




#61
 4-Chlorophenyl-phenylether
 Concen: 40.096 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.02 min
 Lab File: BF112009.D
 Acq: 11 Jan 2019 12:28

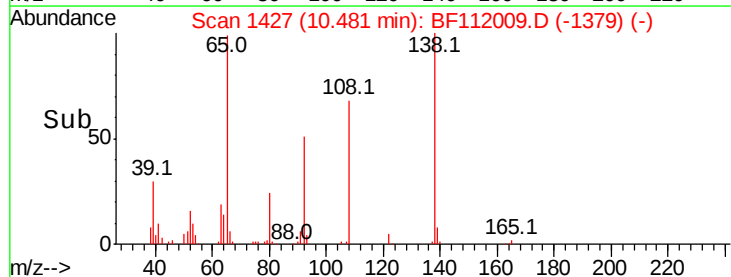
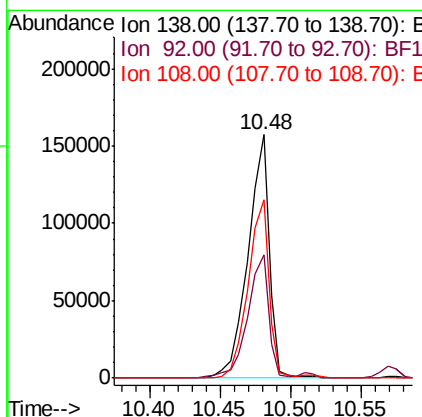
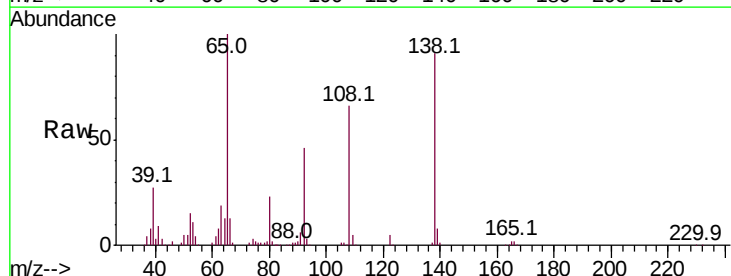
Instrument :
 BNA_F
 ClientSampled :

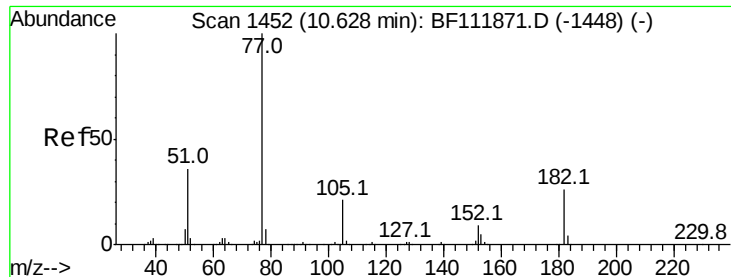
Tot Ion:	204	Resp:	352421
Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.9	40.3
141	60.6	47.9	71.9



#62
 4-Nitroaniline
 Concen: 41.344 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.02 min
 Lab File: BF112009.D
 Acq: 11 Jan 2019 12:28

Tgt Ion:	138	Resp:	166997
Ion	Ratio	Lower	Upper
138	100		
92	50.7	31.0	71.0
108	73.1	54.7	94.7

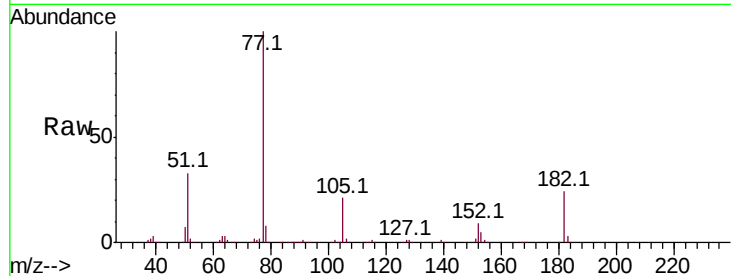




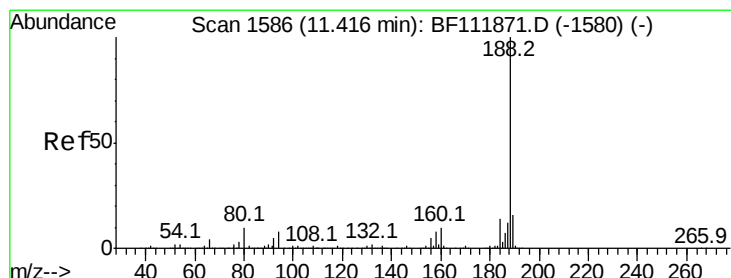
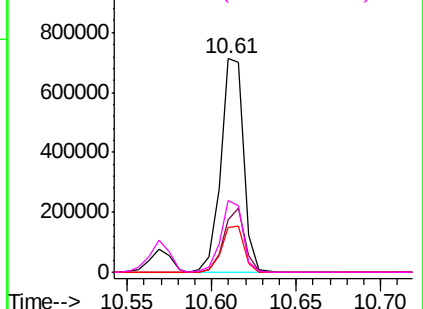
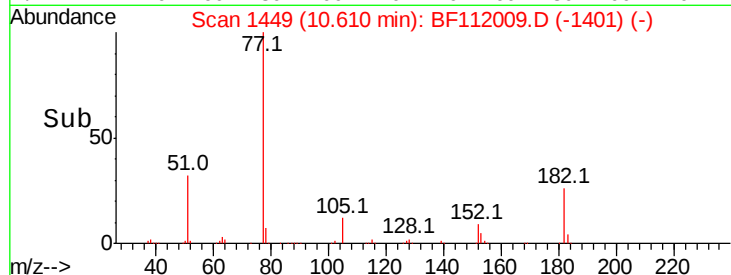
#63
Azobenzene
Concen: 40.517 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.02 min
Lab File: BF112009.D
Acq: 11 Jan 2019 12:28

Instrument :
BNA_F
ClientSampled :

Tot Ion: 77 Resp: 666078
Ion Ratio Lower Upper
77 100
182 24.3 5.7 45.7
105 21.0 0.8 40.8
51 33.5 15.6 55.6

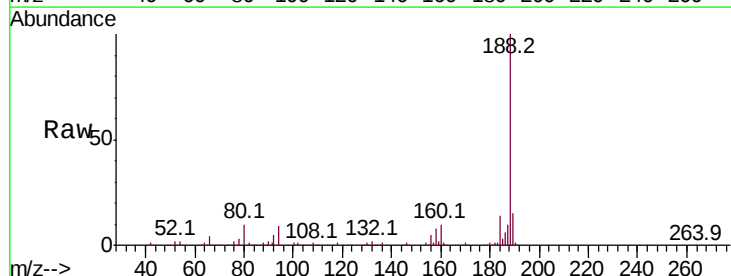


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

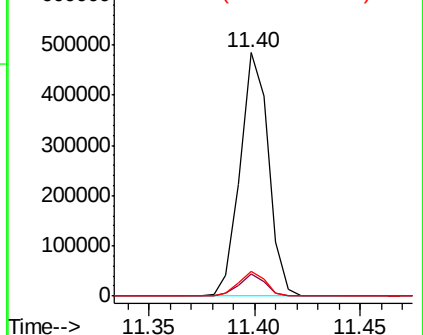
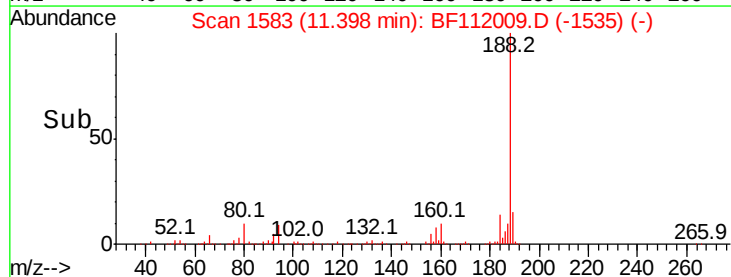


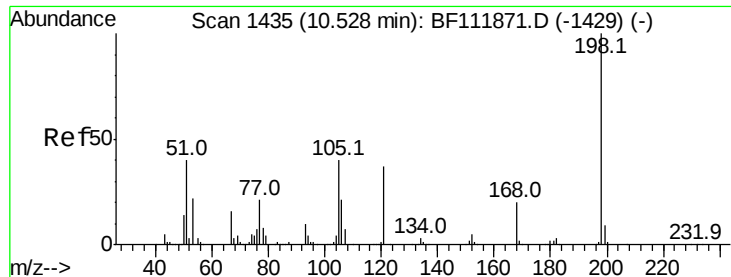
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.02 min
Lab File: BF112009.D
Acq: 11 Jan 2019 12:28

Tgt Ion: 188 Resp: 449668
Ion Ratio Lower Upper
188 100
94 9.1 6.6 10.0
80 10.0 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 36.171 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF112009.D

Acq: 11 Jan 2019 12:28

Instrument :

BNA_F

ClientSampleId :

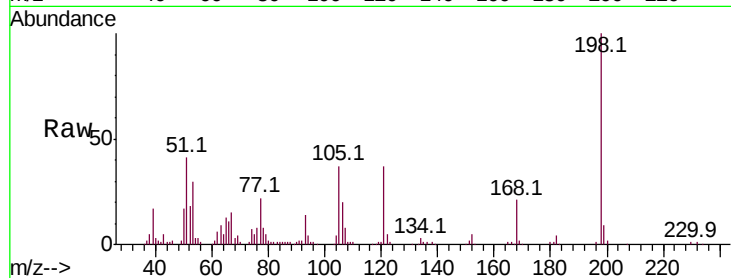
Tot Ion:198 Resp: 100359

Ion Ratio Lower Upper

198 100

51 41.2 27.2 67.2

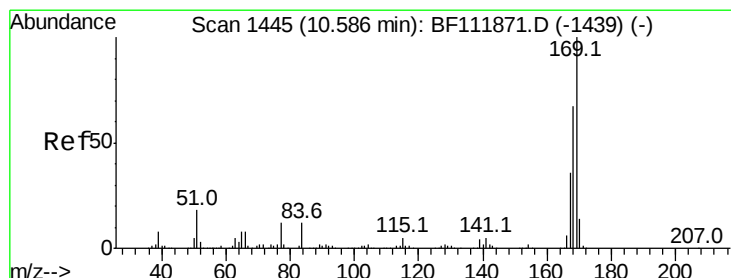
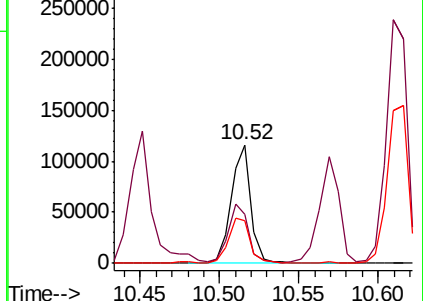
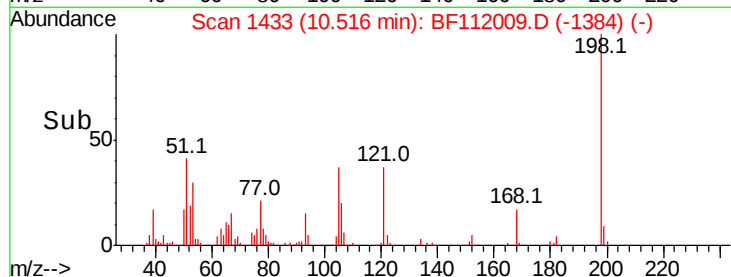
105 36.5 21.0 61.0



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.983 ng

RT: 10.57 min Scan# 1442

Delta R.T. -0.02 min

Lab File: BF112009.D

Acq: 11 Jan 2019 12:28

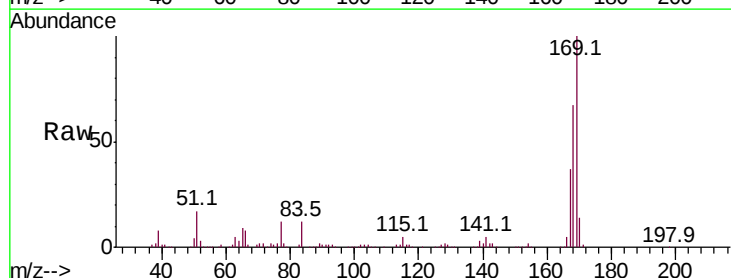
Tgt Ion:169 Resp: 603330

Ion Ratio Lower Upper

169 100

168 66.7 53.8 80.6

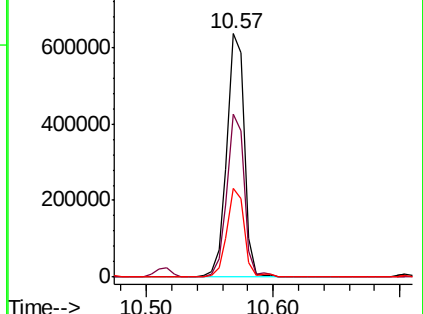
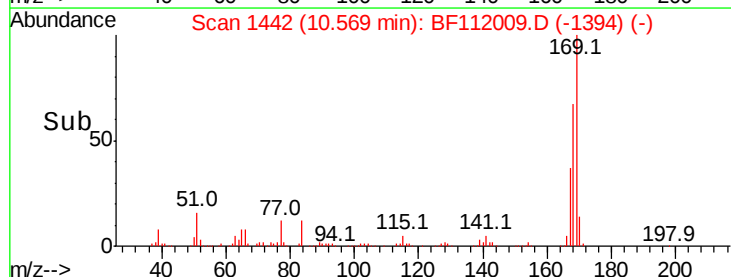
167 36.5 29.1 43.7

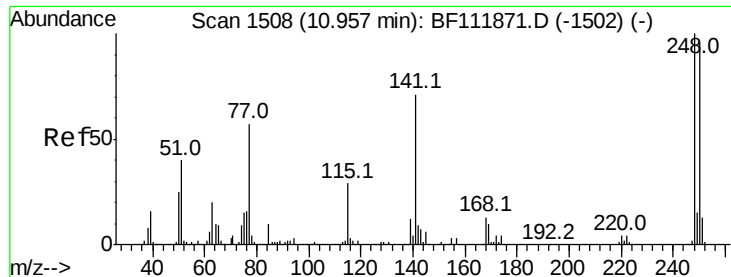


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

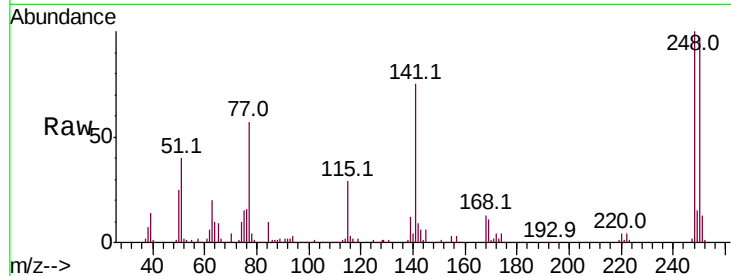




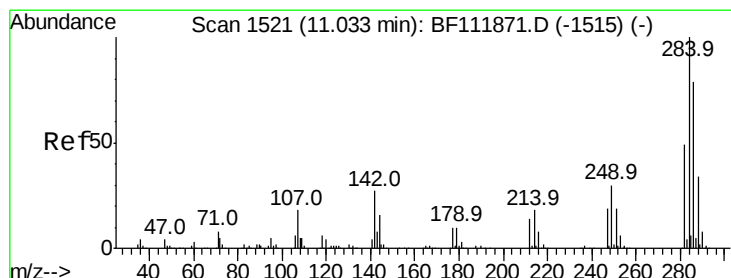
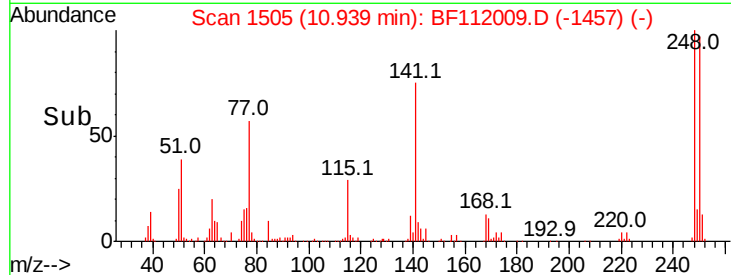
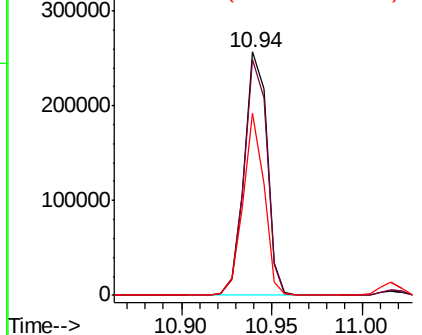
#67
4-Bromophenyl-phenylether
Concen: 38.819 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.02 min
Lab File: BF112009.D
Acq: 11 Jan 2019 12:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 226089
Ion Ratio Lower Upper
248 100
250 96.8 76.8 115.2
141 74.8 57.0 85.6

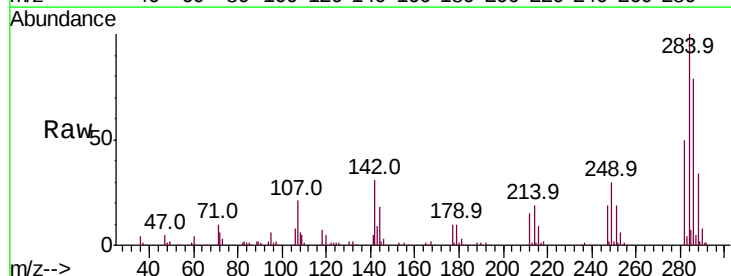


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

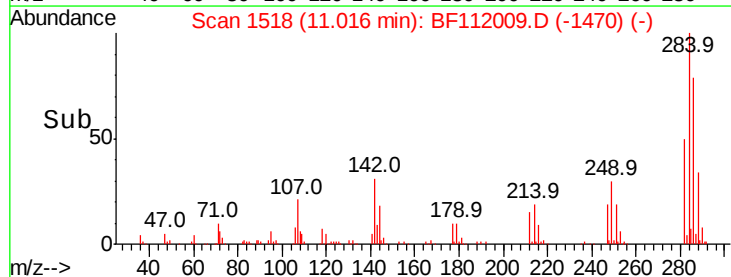
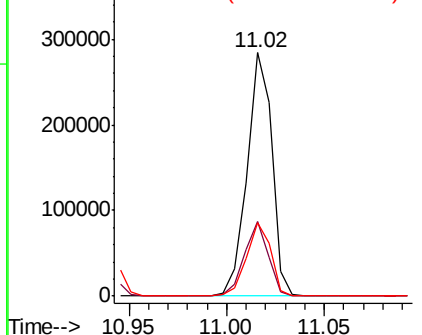


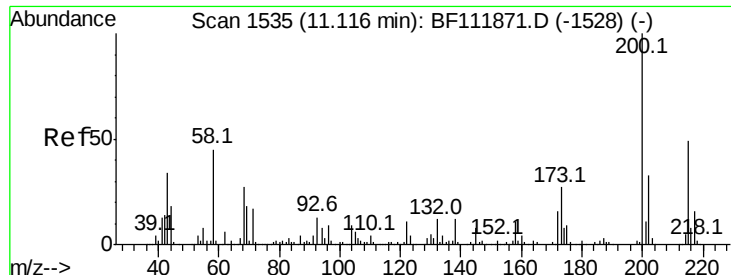
#68
Hexachlorobenzene
Concen: 38.789 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.02 min
Lab File: BF112009.D
Acq: 11 Jan 2019 12:28

Tgt Ion:284 Resp: 250372
Ion Ratio Lower Upper
284 100
142 30.9 21.8 32.6
249 30.0 23.8 35.6



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

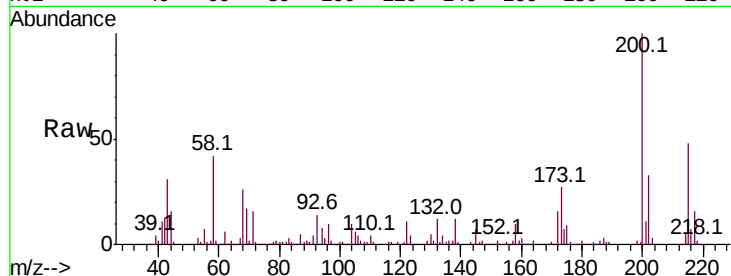




#69
Atrazine
Concen: 38.913 ng
RT: 11.10 min Scan# 1532
Delta R.T. -0.02 min
Lab File: BF112009.D
Acq: 11 Jan 2019 12:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.7	6.6	46.6
215	48.5	28.9	68.9

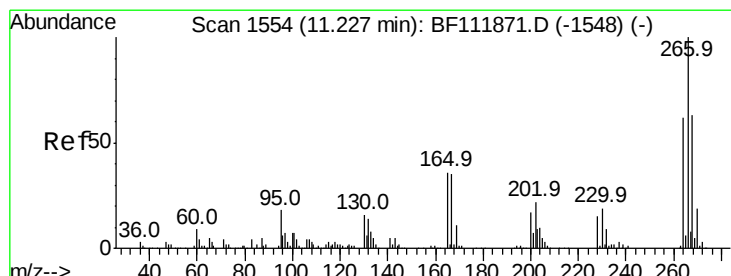
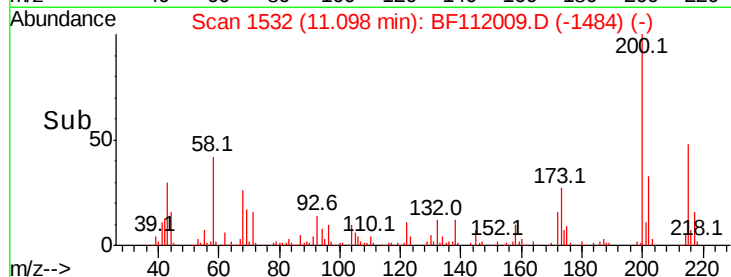
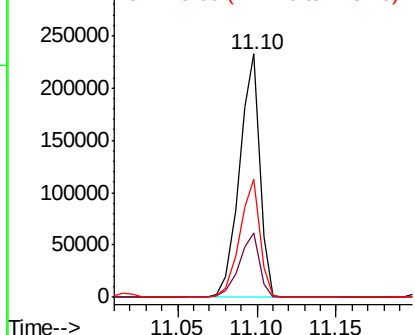


Abundance

Ion 200.00 (199.70 to 200.70): E

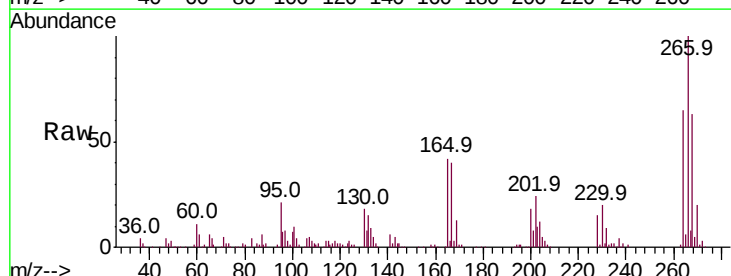
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 38.445 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.02 min
Lab File: BF112009.D
Acq: 11 Jan 2019 12:28

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.3	50.6	76.0
264	64.5	49.3	73.9

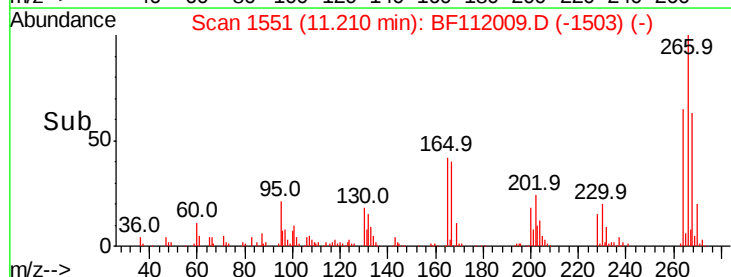
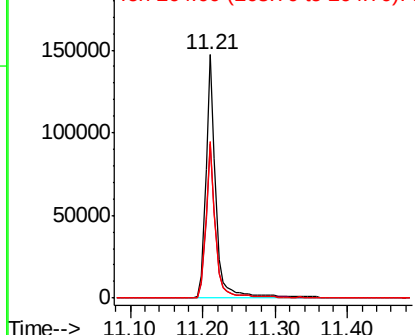


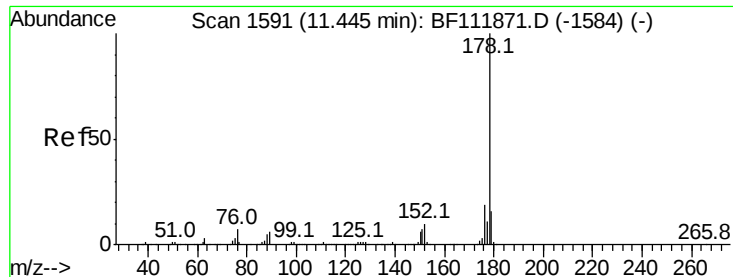
Abundance

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: 39.123 ng

RT: 11.43 min Scan# 1588

Delta R.T. -0.02 min

Lab File: BF112009.D

Acq: 11 Jan 2019 12:28

Instrument :

BNA_F

ClientSampled :

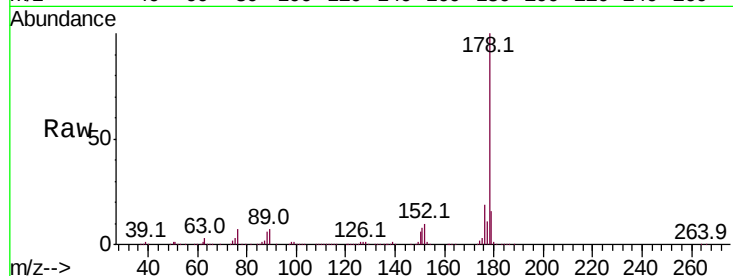
Tot Ion:178 Resp: 940564

Ion Ratio Lower Upper

178 100

176 19.3 15.6 23.4

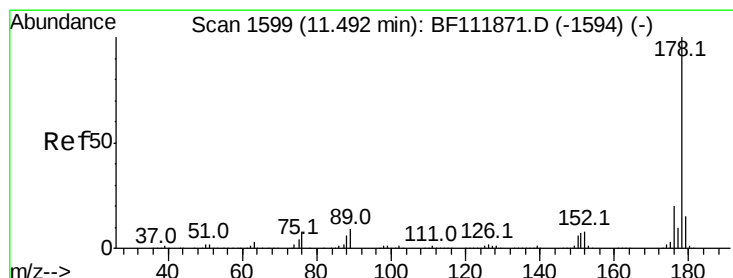
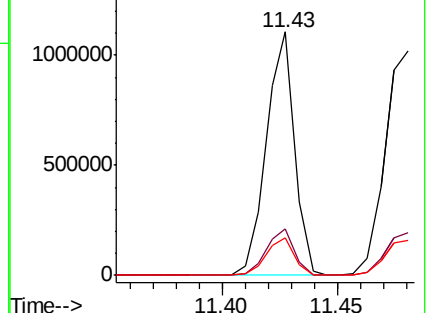
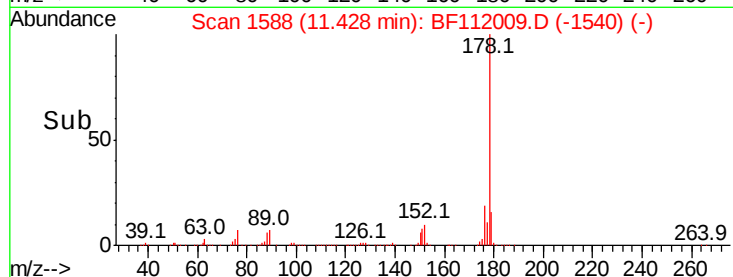
179 15.5 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

1500000 Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.366 ng

RT: 11.48 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BF112009.D

Acq: 11 Jan 2019 12:28

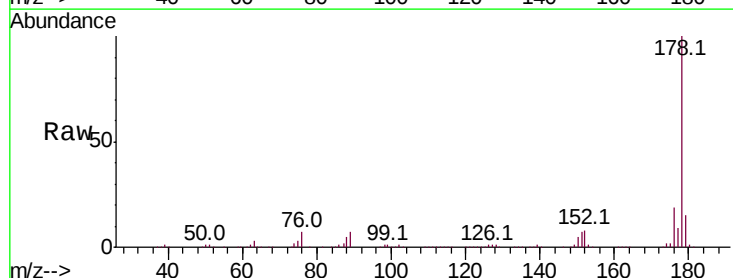
Tgt Ion:178 Resp: 960748

Ion Ratio Lower Upper

178 100

176 18.9 15.7 23.5

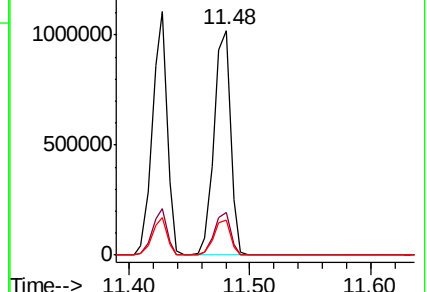
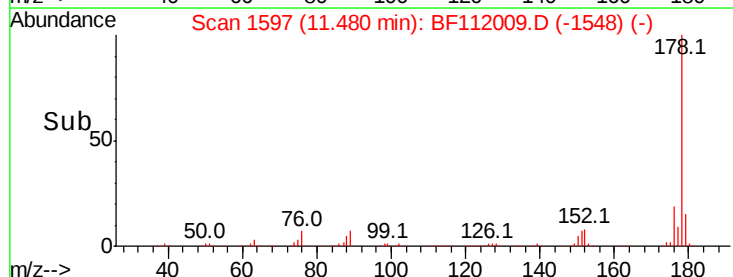
179 15.4 12.4 18.6

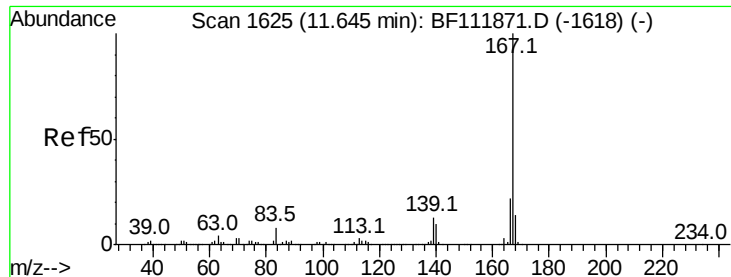


Abundance Ion 178.00 (177.70 to 178.70): E

1500000 Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

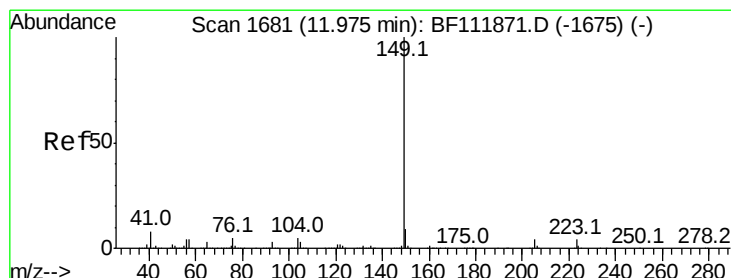
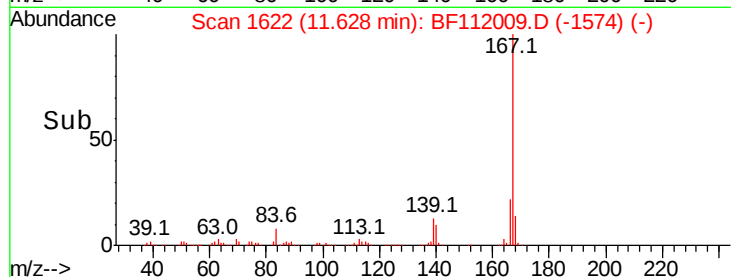
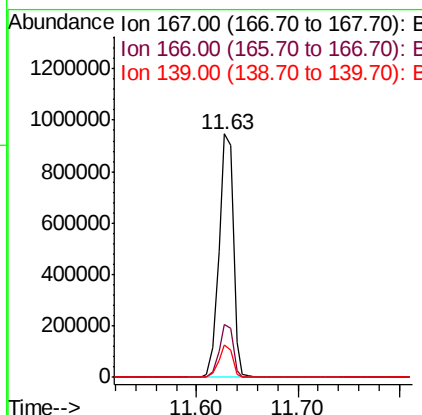
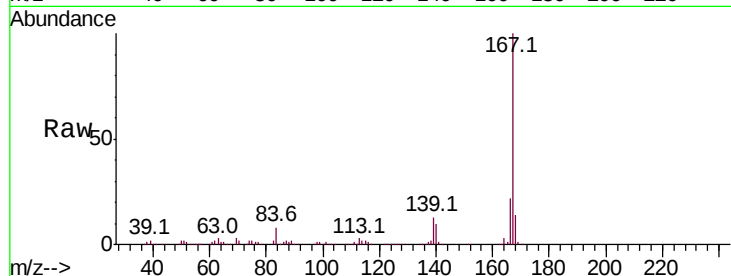




#73
 Carbazole
 Concen: 39.179 ng
 RT: 11.63 min Scan# 1622
 Delta R.T. -0.02 min
 Lab File: BF112009.D
 Acq: 11 Jan 2019 12:28

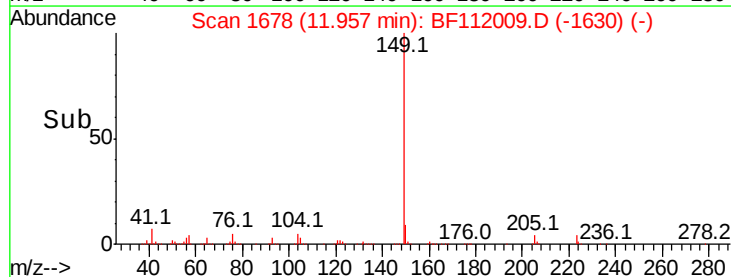
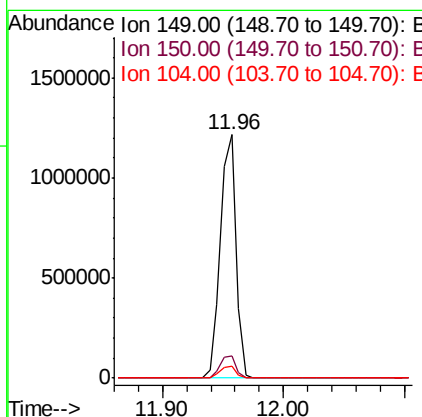
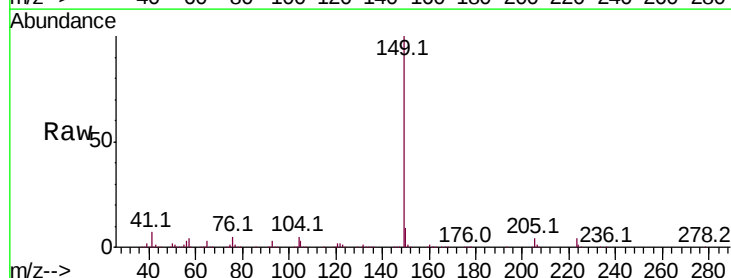
Instrument :
 BNA_F
 ClientSampleId :

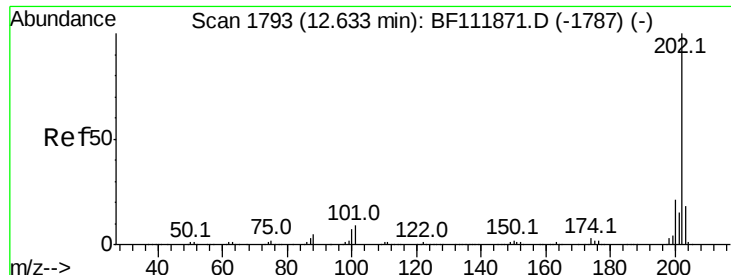
Tot Ion:167 Resp: 930086
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.8 26.6
 139 13.3 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 39.046 ng
 RT: 11.96 min Scan# 1678
 Delta R.T. -0.02 min
 Lab File: BF112009.D
 Acq: 11 Jan 2019 12:28

Tgt Ion:149 Resp: 1076688
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.5 11.3
 104 4.7 3.9 5.9





#75

Fluoranthene

Concen: 38.729 ng

RT: 12.62 min Scan# 1790

Delta R.T. -0.02 min

Lab File: BF112009.D

Acq: 11 Jan 2019 12:28

Instrument :

BNA_F

ClientSampled :

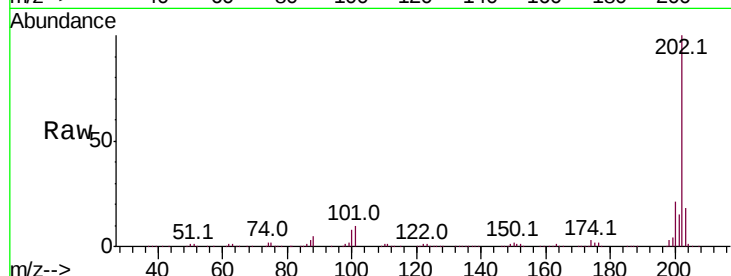
Tot Ion:202 Resp: 955872

Ion Ratio Lower Upper

202 100

101 9.9 0.0 29.3

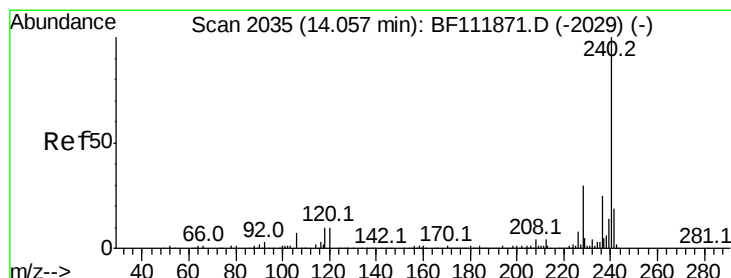
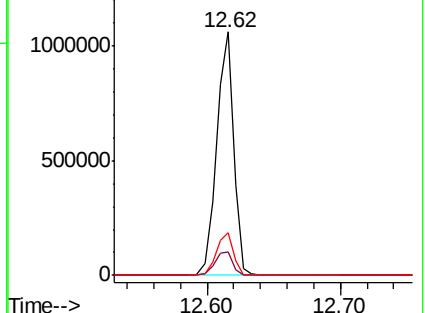
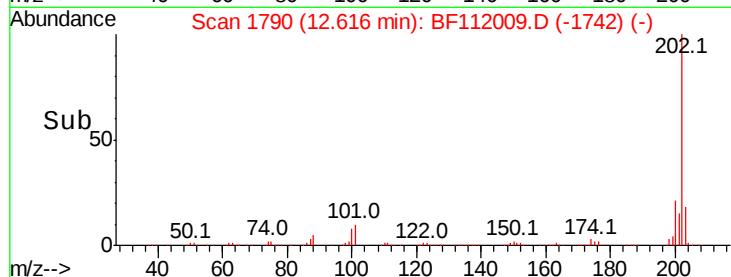
203 17.7 0.0 37.6



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: 14.05 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF112009.D

Acq: 11 Jan 2019 12:28

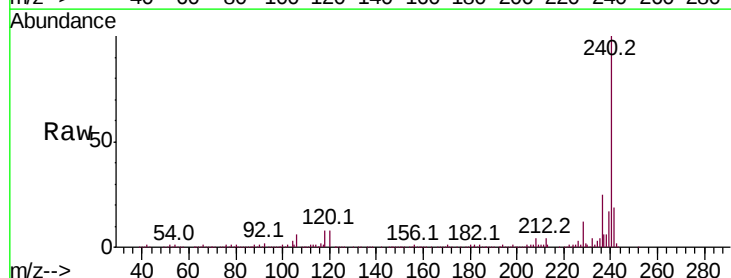
Tgt Ion:240 Resp: 340547

Ion Ratio Lower Upper

240 100

120 7.8 8.2 12.2#

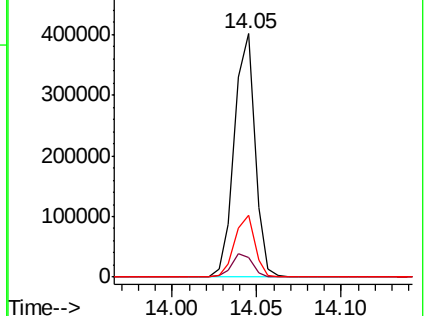
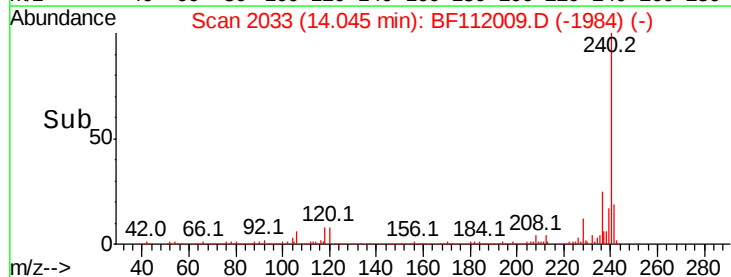
236 25.3 20.2 30.4

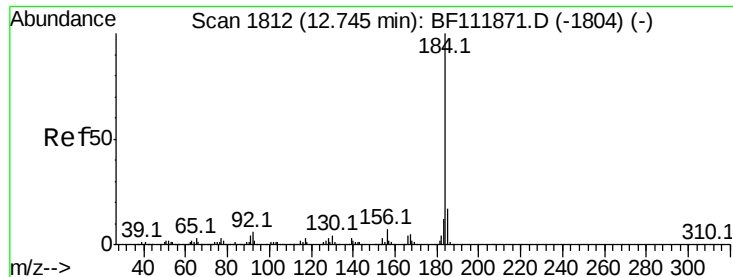


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 39.114 ng

RT: 12.73 min Scan# 1809

Delta R.T. -0.02 min

Lab File: BF112009.D

Acq: 11 Jan 2019 12:28

Instrument :

BNA_F

ClientSampleId :

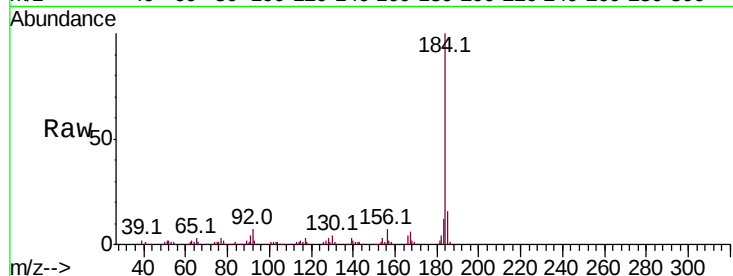
Tot Ion:184 Resp: 398009

Ion Ratio Lower Upper

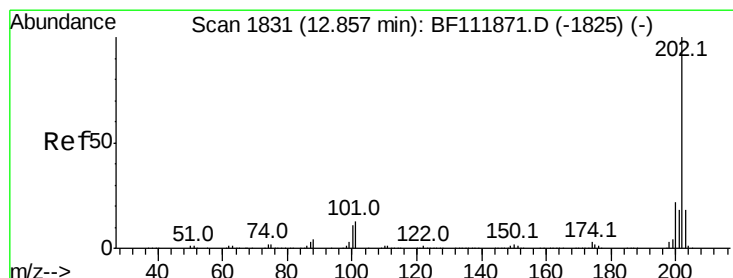
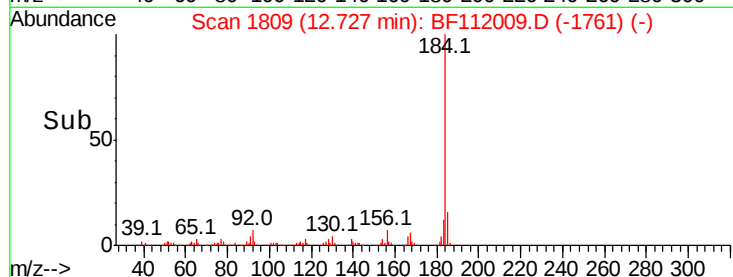
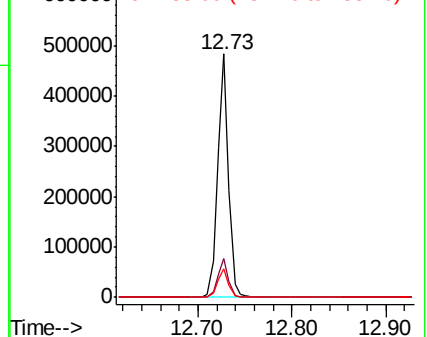
184 100

185 15.8 13.4 20.0

183 11.8 9.6 14.4



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: 41.534 ng

RT: 12.85 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF112009.D

Acq: 11 Jan 2019 12:28

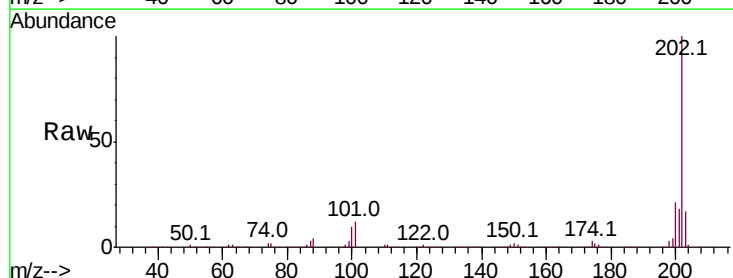
Tgt Ion:202 Resp: 973215

Ion Ratio Lower Upper

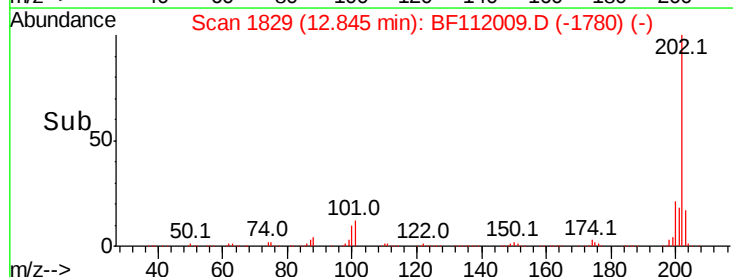
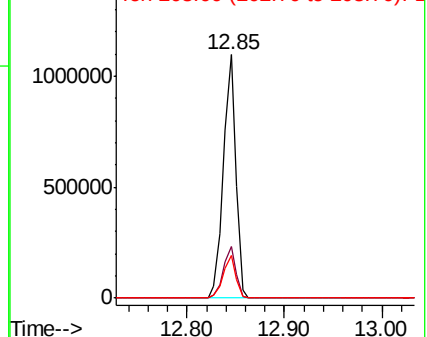
202 100

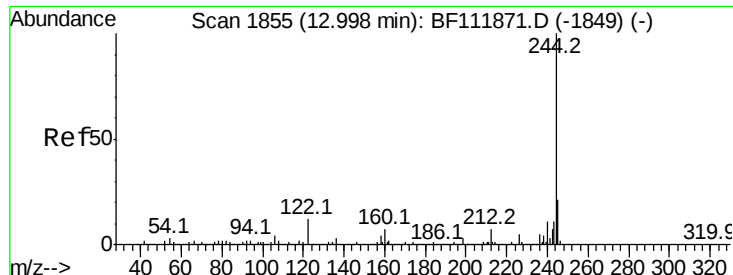
200 21.2 17.4 26.2

203 17.5 14.6 21.8



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



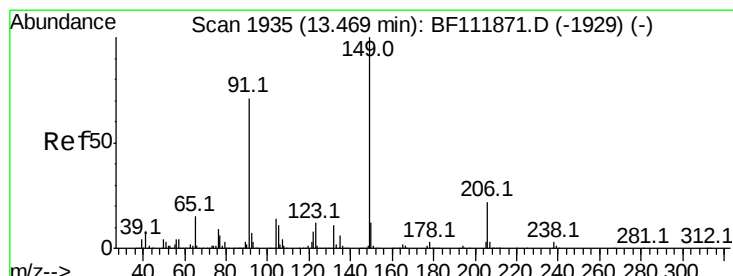
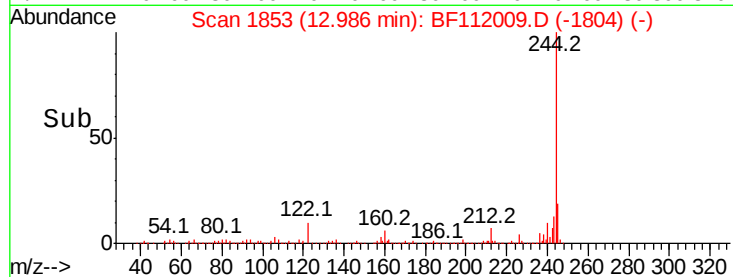
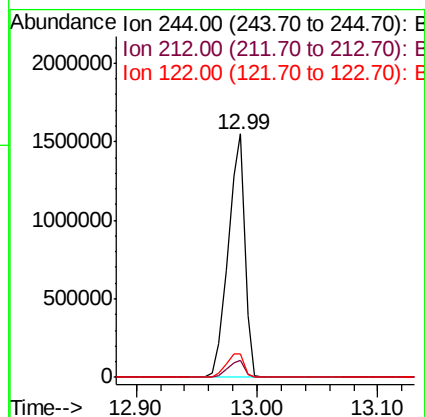
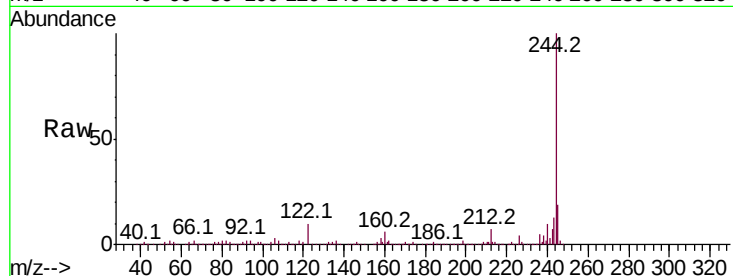


#79
 Terphenyl-d14
 Concen: 82.392 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BF112009.D
 Acq: 11 Jan 2019 12:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1478133

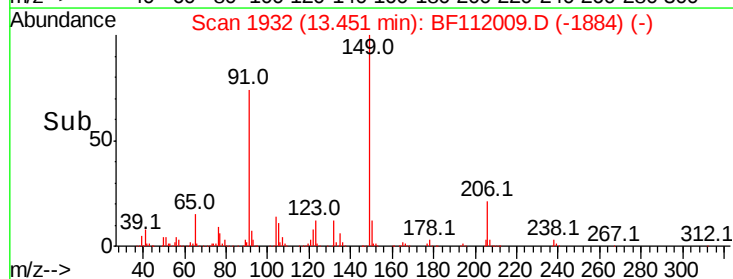
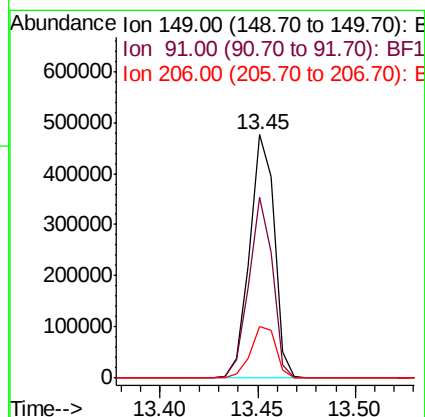
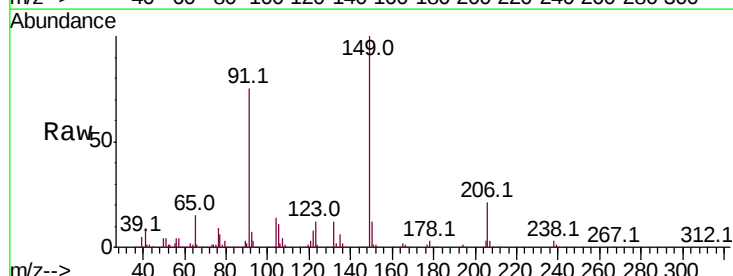
Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	9.8	9.5	14.3

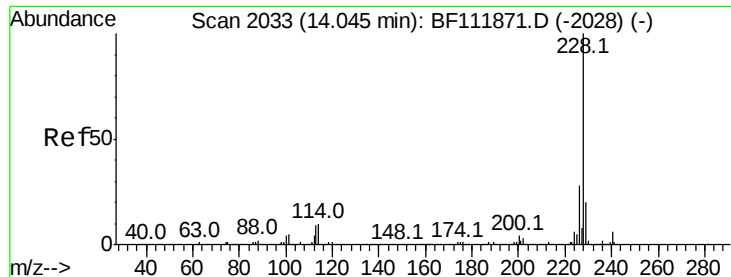


#80
 Butylbenzylphthalate
 Concen: 42.169 ng
 RT: 13.45 min Scan# 1932
 Delta R.T. -0.02 min
 Lab File: BF112009.D
 Acq: 11 Jan 2019 12:28

Tgt Ion:149 Resp: 417739

Ion	Ratio	Lower	Upper
149	100		
91	74.5	57.2	85.8
206	21.0	17.3	25.9





#81

Benzo(a)anthracene

Concen: 40.415 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF112009.D

Acq: 11 Jan 2019 12:28

Instrument :

BNA_F

ClientSampleId :

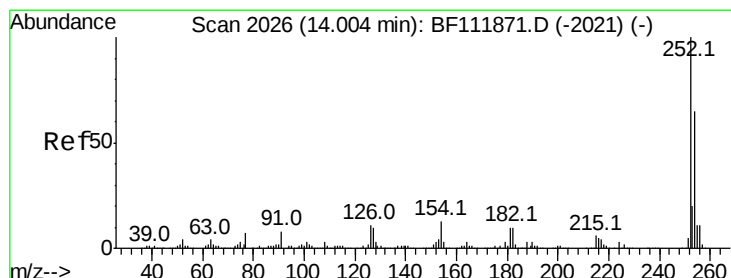
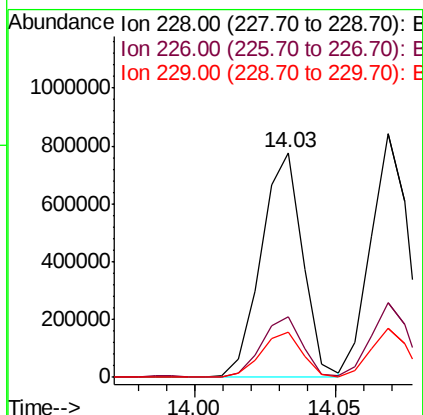
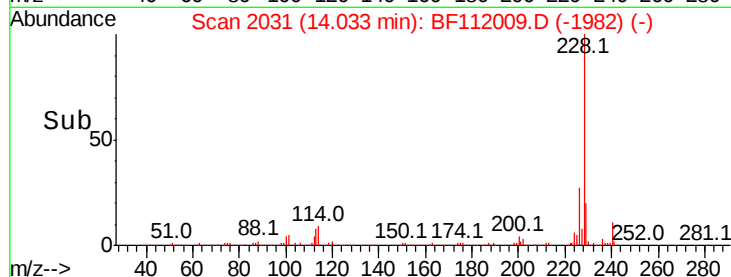
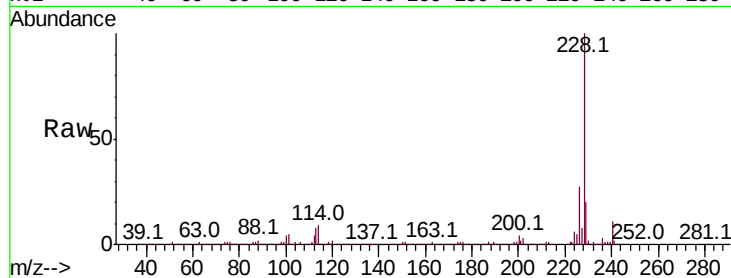
Tot Ion:228 Resp: 792101

Ion Ratio Lower Upper

228 100

226 27.2 22.2 33.2

229 20.0 16.2 24.2



#82

3,3'-Dichlorobenzidine

Concen: 41.958 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.02 min

Lab File: BF112009.D

Acq: 11 Jan 2019 12:28

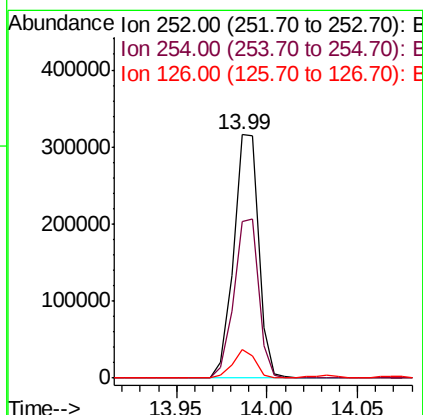
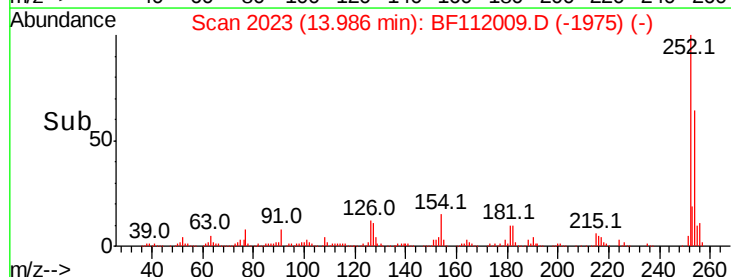
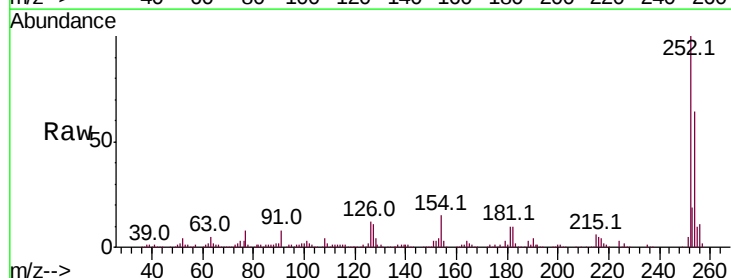
Tgt Ion:252 Resp: 303593

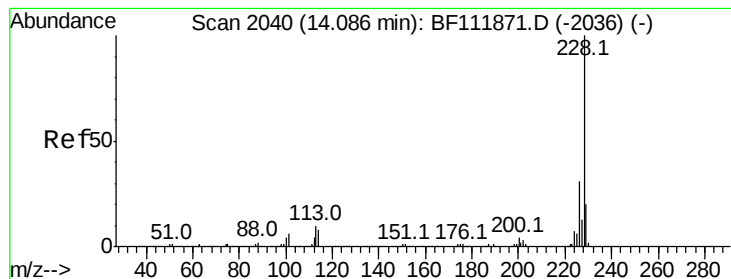
Ion Ratio Lower Upper

252 100

254 64.2 52.1 78.1

126 11.5 8.6 12.8





#83

Chrysene

Concen: 40.266 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.02 min

Lab File: BF112009.D

Acq: 11 Jan 2019 12:28

Instrument :

BNA_F

ClientSampled :

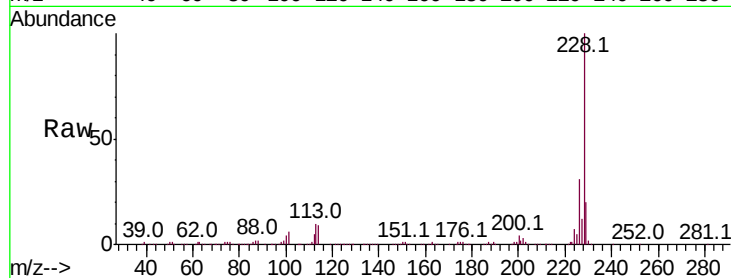
Tot Ion:228 Resp: 752451

Ion Ratio Lower Upper

228 100

226 30.6 24.6 37.0

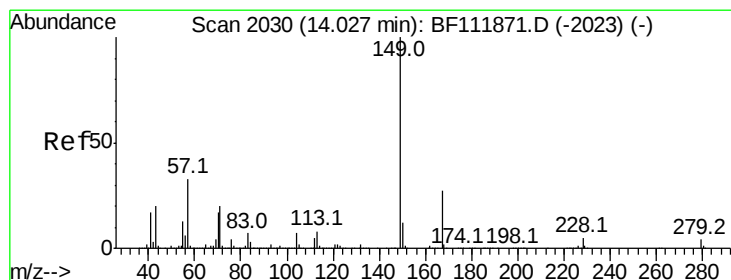
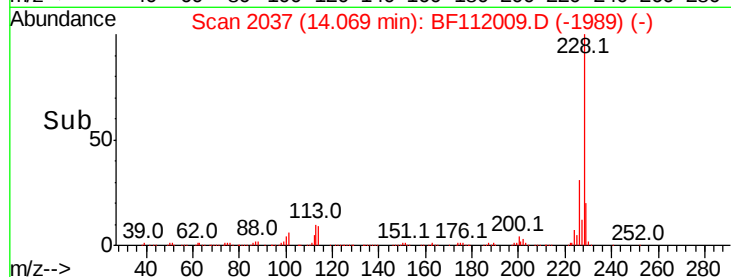
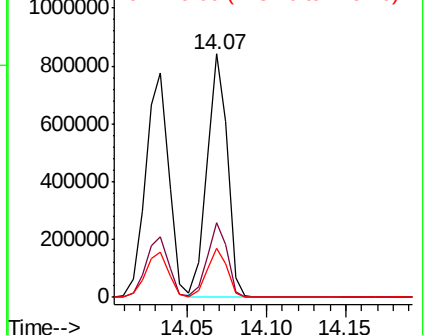
229 19.9 15.7 23.5



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: 43.904 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF112009.D

Acq: 11 Jan 2019 12:28

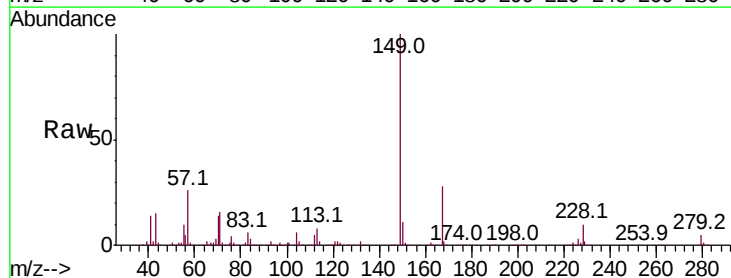
Tgt Ion:149 Resp: 571177

Ion Ratio Lower Upper

149 100

167 27.9 21.5 32.3

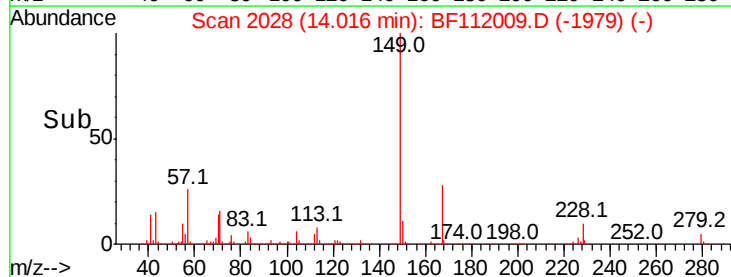
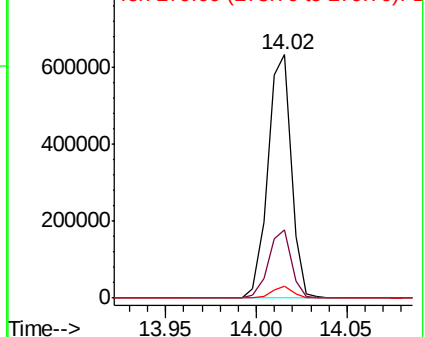
279 4.7 3.0 4.6#

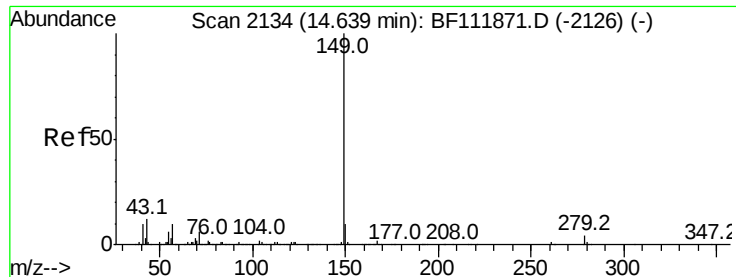


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 43.095 ng

RT: 14.62 min Scan# 2131

Delta R.T. -0.02 min

Lab File: BF112009.D

Acq: 11 Jan 2019 12:28

Instrument :

BNA_F

ClientSampleId :

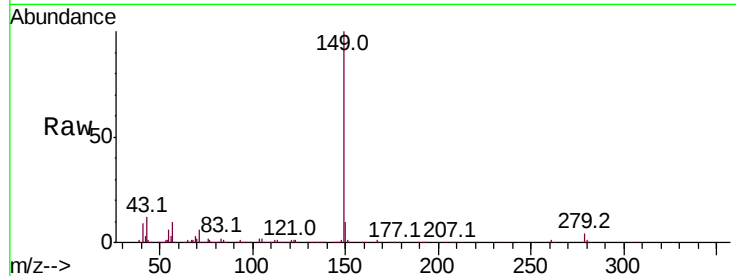
Tot Ion:149 Resp: 802337

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

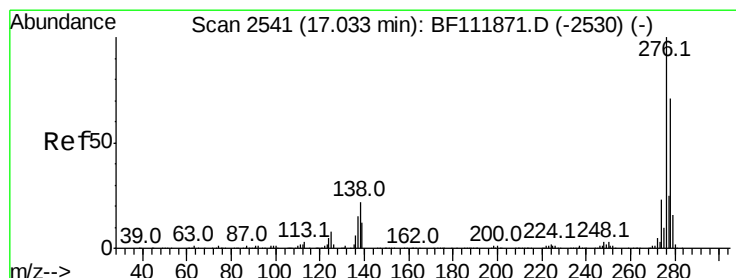
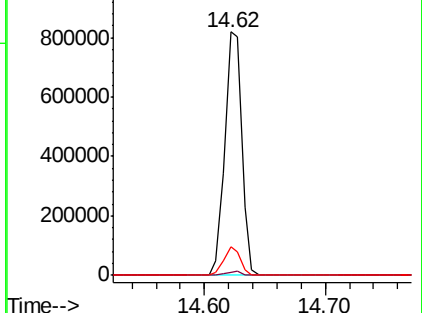
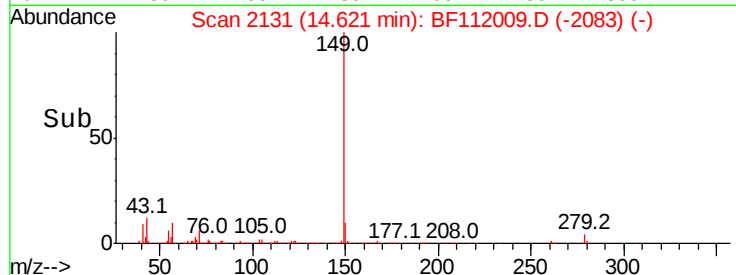
43 10.6 9.1 13.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.669 ng

RT: 17.01 min Scan# 2537

Delta R.T. -0.02 min

Lab File: BF112009.D

Acq: 11 Jan 2019 12:28

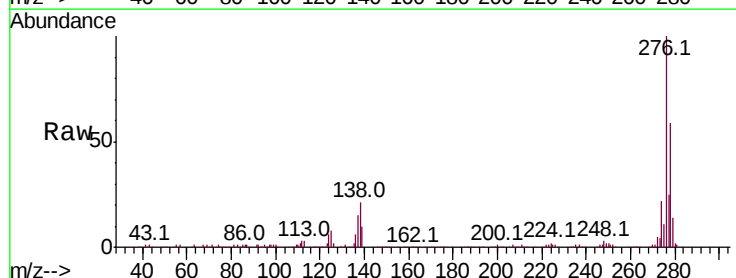
Tgt Ion:276 Resp: 567683

Ion Ratio Lower Upper

276 100

138 22.3 18.1 27.1

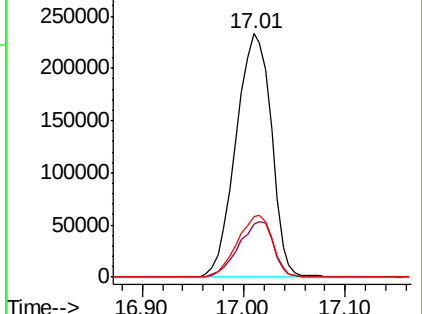
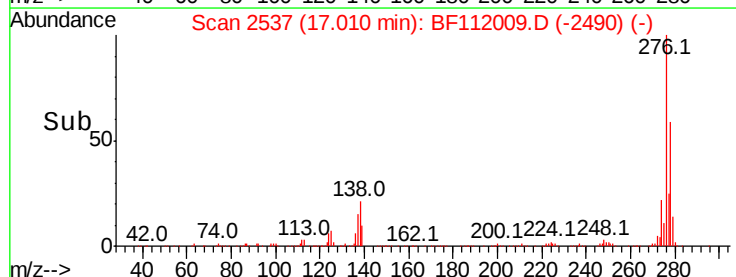
277 25.2 19.9 29.9

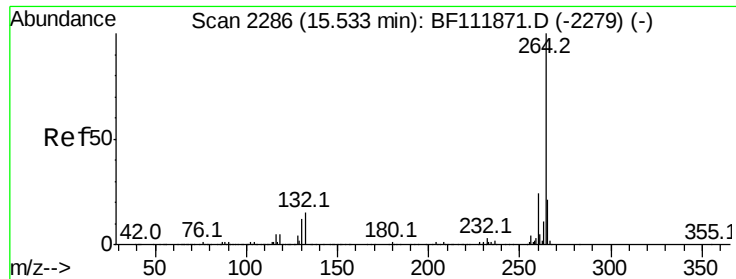


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

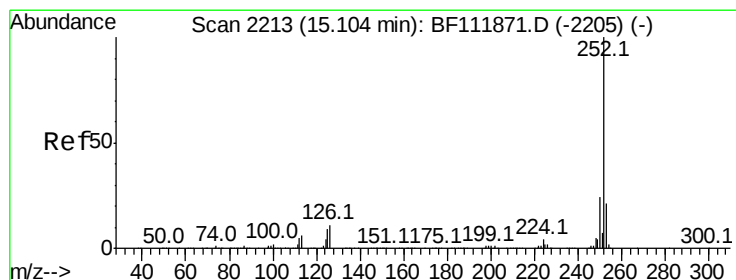
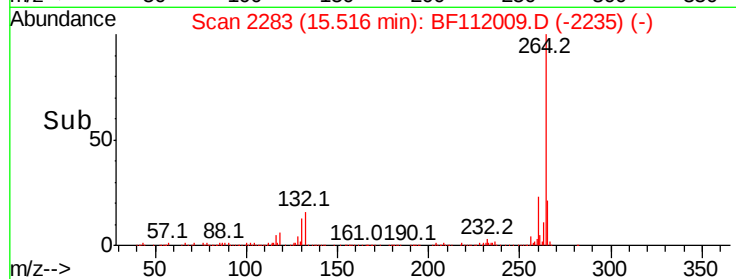
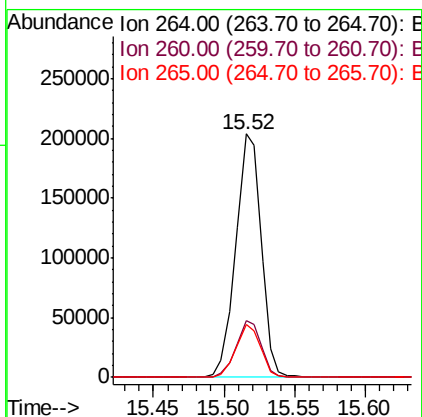
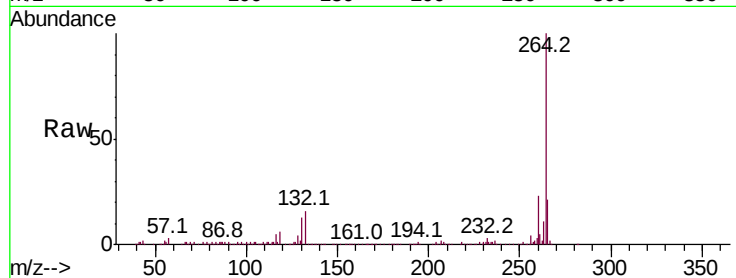




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.02 min
Lab File: BF112009.D
Acq: 11 Jan 2019 12:28

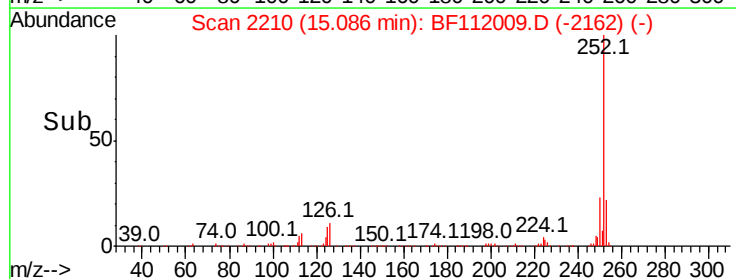
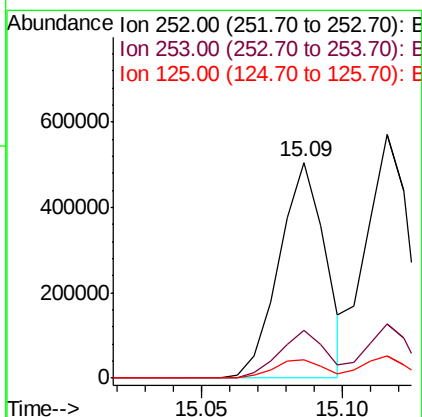
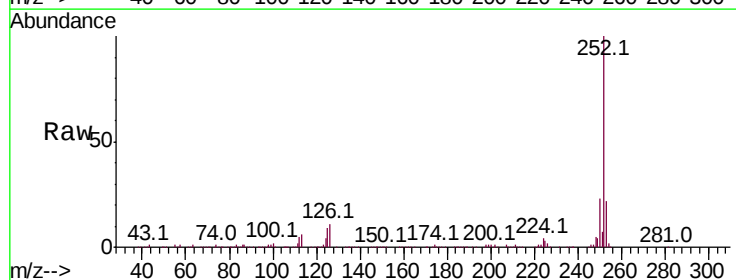
Instrument :
BNA_F
ClientSampleId :

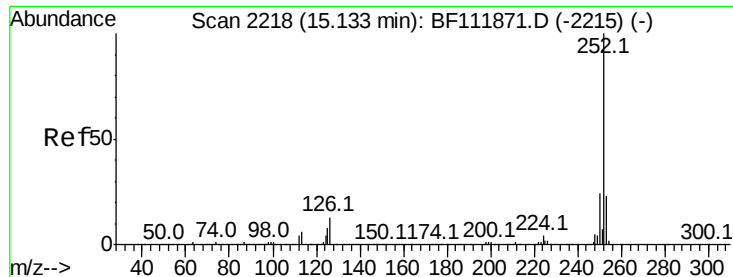
Tot Ion:264 Resp: 255701
Ion Ratio Lower Upper
264 100
260 23.1 19.2 28.8
265 21.5 17.1 25.7



#88
Benzo(b)fluoranthene
Concen: 37.626 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.02 min
Lab File: BF112009.D
Acq: 11 Jan 2019 12:28

Tgt Ion:252 Resp: 575523
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.6
125 8.8 7.1 10.7

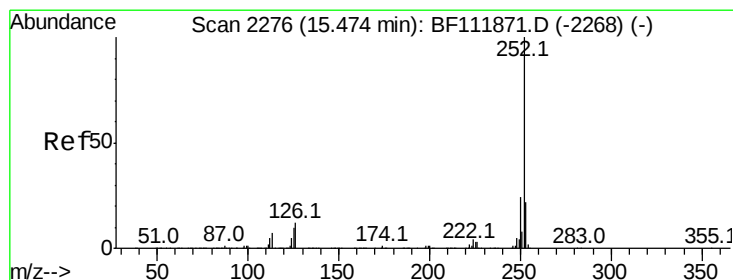
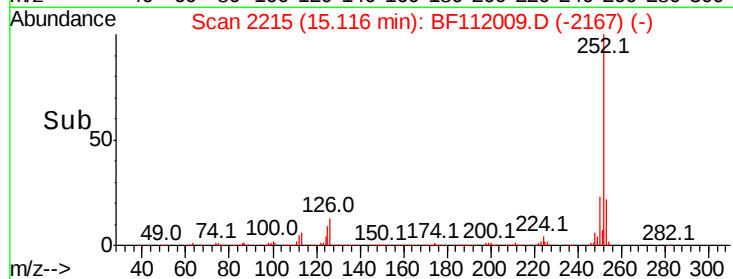
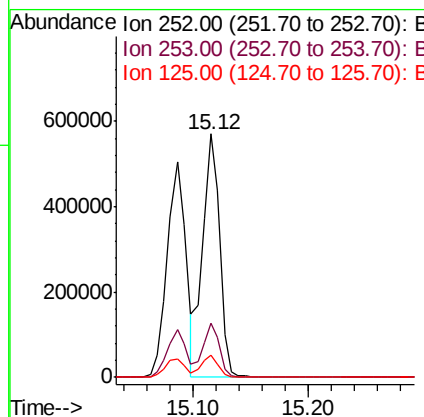
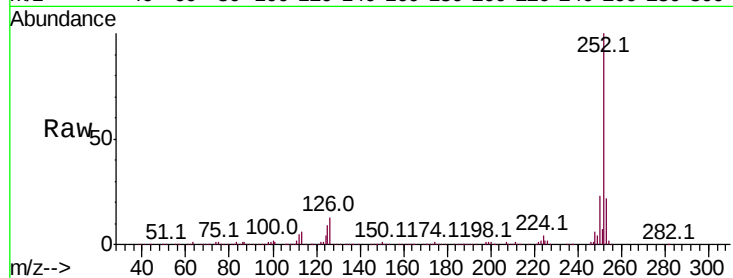




#89
Benzo(k)fluoranthene
Concen: 41.230 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.02 min
Lab File: BF112009.D
Acq: 11 Jan 2019 12:28

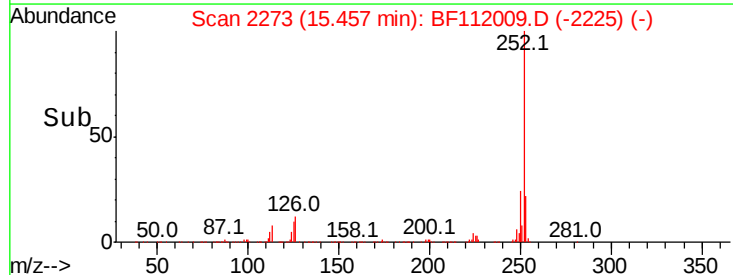
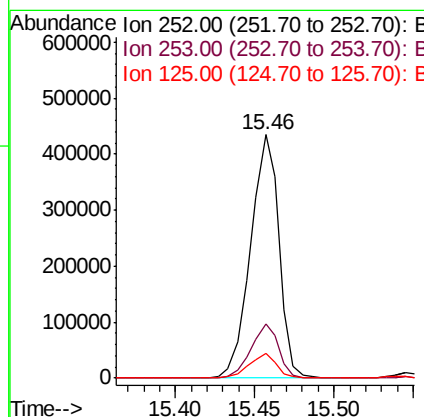
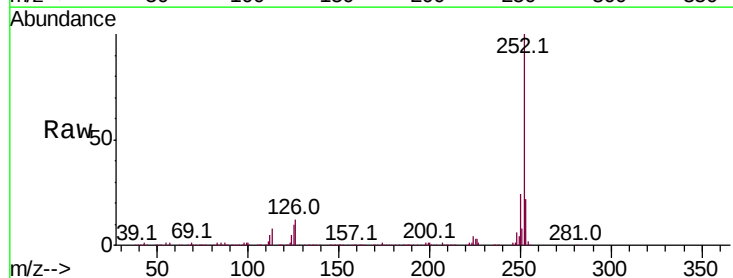
Instrument :
BNA_F
ClientSampleId :

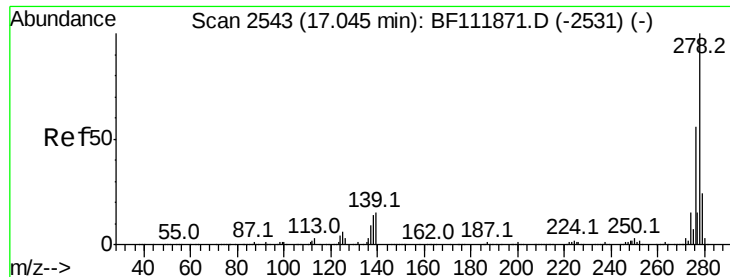
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	9.2	7.0	10.4



#90
Benzo(a)pyrene
Concen: 40.090 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.02 min
Lab File: BF112009.D
Acq: 11 Jan 2019 12:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.2
125	10.0	7.9	11.9





#91

Dibenzo(a,h)anthracene

Concen: 44.076 ng

RT: 17.02 min Scan# 2539

Delta R.T. -0.02 min

Lab File: BF112009.D

Acq: 11 Jan 2019 12:28

Instrument :

BNA_F

ClientSampleId :

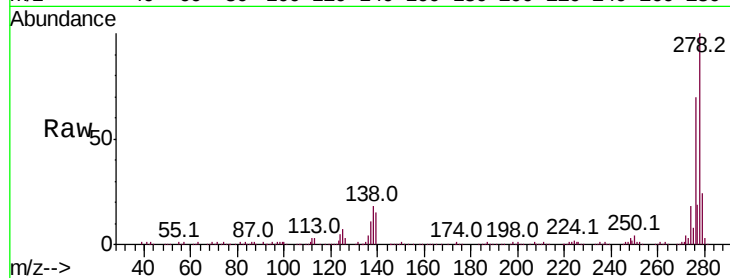
Tot Ion:278 Resp: 476776

Ion Ratio Lower Upper

278 100

139 15.0 11.8 17.6

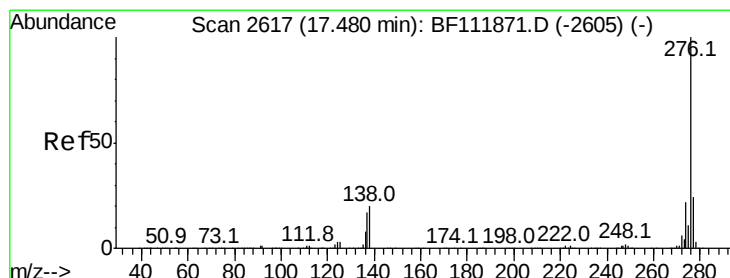
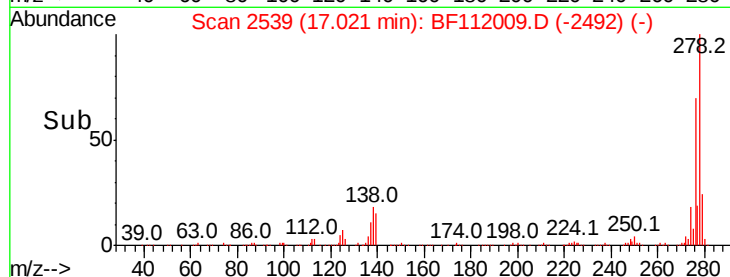
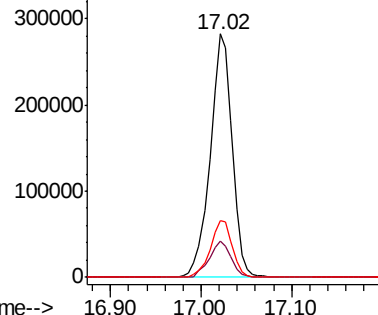
279 23.5 19.4 29.2



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: 45.040 ng

RT: 17.46 min Scan# 2614

Delta R.T. -0.02 min

Lab File: BF112009.D

Acq: 11 Jan 2019 12:28

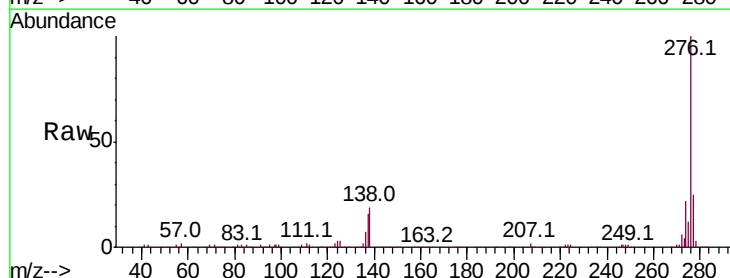
Tgt Ion:276 Resp: 476532

Ion Ratio Lower Upper

276 100

277 24.5 19.0 28.6

138 18.5 16.2 24.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

