

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102218\
 Data File : BF110066.D
 Acq On : 22 Oct 2018 23:56
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 23 02:12:39 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	171814	20.00	ng	-0.01
21) Naphthalene-d8	8.26	136	711652	20.00	ng	-0.01
39) Acenaphthene-d10	10.02	164	330272	20.00	ng	-0.01
64) Phenanthrene-d10	11.50	188	580423	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	328955	20.00	ng	-0.01
87) Perylene-d12	15.67	264	290656	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	827920	76.38	ng	-0.01
7) Phenol-d6	6.59	99	1038160	77.13	ng	-0.01
23) Nitrobenzene-d5	7.54	82	952100	90.12	ng	-0.01
42) 2,4,6-Tribromophenol	10.80	330	247060	86.40	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	1700947	82.18	ng	0.00
79) Terphenyl-d14	13.09	244	1553495	99.17	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.82	88	213459	34.674	ng	91
3) Pyridine	3.59	79	492142	35.857	ng	87
4) n-Nitrosodimethylamine	3.56	42	204016	36.439	ng	# 95
6) Aniline	6.63	93	687795	37.920	ng	# 54
8) 2-Chlorophenol	6.76	128	480936	39.611	ng	98
9) Benzaldehyde	6.52	77	324092	37.054	ng	99
10) Phenol	6.60	94	556794	38.316	ng	# 65
11) bis(2-Chloroethyl)ether	6.70	93	463548	38.151	ng	94
12) 1,3-Dichlorobenzene	6.91	146	526714	39.563	ng	99
13) 1,4-Dichlorobenzene	6.99	146	528841	39.442	ng	97
14) 1,2-Dichlorobenzene	7.15	146	494083	40.017	ng	98
15) Benzyl Alcohol	7.11	79	408193	39.421	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.24	45	757769	37.997	ng	68
17) 2-Methylphenol	7.22	107	378028	38.612	ng	# 80
18) Hexachloroethane	7.48	117	183768	38.784	ng	93
19) n-Nitroso-di-n-propylamine	7.38	70	329288	38.104	ng	95
20) 3+4-Methylphenols	7.37	107	482392	38.828	ng	97
22) Acetophenone	7.38	105	641245	38.854	ng	# 98
24) Nitrobenzene	7.56	77	494920	43.125	ng	93
25) Isophorone	7.79	82	791328	38.122	ng	95
26) 2-Nitrophenol	7.87	139	240902	50.627	ng	93
27) 2,4-Dimethylphenol	7.90	122	382525	38.259	ng	98
28) bis(2-Chloroethoxy)methane	8.00	93	548528	38.504	ng	99
29) 2,4-Dichlorophenol	8.10	162	390958	40.308	ng	97
30) 1,2,4-Trichlorobenzene	8.19	180	439500	40.469	ng	95
31) Naphthalene	8.28	128	1272984	39.008	ng	99
32) Benzoic acid	8.00	122	173078	27.783	ng	92
33) 4-Chloroaniline	8.32	127	575880	39.257	ng	99
34) Hexachlorobutadiene	8.39	225	248571	41.507	ng	99
35) Caprolactam	8.70	113	126803	36.811	ng	# 87
36) 4-Chloro-3-methylphenol	8.80	107	404366	39.519	ng	92
37) 2-Methylnaphthalene	8.97	142	839783	39.741	ng	99
38) 1-Methylnaphthalene	9.07	142	814811	39.793	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	411825	40.483	ng	98

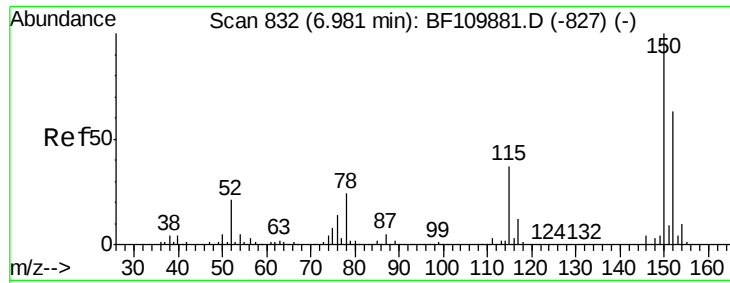
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102218\
 Data File : BF110066.D
 Acq On : 22 Oct 2018 23:56
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 23 02:12:39 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	168304	34.278	ng	99
43) 2,4,6-Trichlorophenol	9.25	196	264614	41.600	ng	95
44) 2,4,5-Trichlorophenol	9.28	196	270004	40.898	ng	94
46) 1,1'-Biphenyl	9.43	154	1180445	40.116	ng	100
47) 2-Chloronaphthalene	9.46	162	863499	39.838	ng	98
48) 2-Nitroaniline	9.56	65	260459	46.824	ng	89
49) Acenaphthylene	9.88	152	1230323	39.073	ng	99
50) Dimethylphthalate	9.73	163	946578	40.476	ng	99
51) 2,6-Dinitrotoluene	9.79	165	209740	47.219	ng	99
52) Acenaphthene	10.05	154	796315	39.723	ng	99
53) 3-Nitroaniline	9.97	138	248143	45.925	ng	88
54) 2,4-Dinitrophenol	10.07	184	44081	36.592	ng	# 85
55) Dibenzofuran	10.22	168	1118738	39.131	ng	98
56) 4-Nitrophenol	10.12	139	166743	40.444	ng	88
57) 2,4-Dinitrotoluene	10.20	165	266819	47.596	ng	# 89
58) Fluorene	10.56	166	826042	39.691	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.29	232	213653	40.835	ng	97
60) Diethylphthalate	10.43	149	929345	40.235	ng	98
61) 4-Chlorophenyl-phenylether	10.55	204	443462	40.906	ng	97
62) 4-Nitroaniline	10.58	138	230336	45.034	ng	93
63) Azobenzene	10.72	77	906968	37.586	ng	96
65) 4,6-Dinitro-2-methylphenol	10.61	198	81300	40.201	ng	95
66) n-Nitrosodiphenylamine	10.67	169	791023	40.919	ng	97
67) 4-Bromophenyl-phenylether	11.05	248	267166	42.473	ng	93
68) Hexachlorobenzene	11.11	284	274213	40.880	ng	# 90
69) Atrazine	11.20	200	253846	42.038	ng	99
70) Pentachlorophenol	11.30	266	150533	39.433	ng	98
71) Phenanthrene	11.53	178	1186715	39.493	ng	100
72) Anthracene	11.58	178	1200497	39.738	ng	99
73) Carbazole	11.73	167	1127058	37.961	ng	100
74) Di-n-butylphthalate	12.06	149	1428051	43.098	ng	99
75) Fluoranthene	12.72	202	1119025	37.278	ng	100
77) Benzidine	12.84	184	519820	41.214	ng	99
78) Pyrene	12.95	202	1106752	45.808	ng	99
80) Butylbenzylphthalate	13.56	149	507963	52.003	ng	99
81) Benzo(a)anthracene	14.14	228	763829	39.421	ng	98
82) 3,3'-Dichlorobenzidine	14.10	252	270905	39.880	ng	98
83) Chrysene	14.17	228	728057	39.476	ng	99
84) Bis(2-ethylhexyl)phthalate	14.11	149	684693	53.271	ng	97
85) Di-n-octyl phthalate	14.73	149	909515	50.192	ng	99
86) Indeno(1,2,3-cd)pyrene	17.23	276	704813	47.463	ng	# 95
88) Benzo(b)fluoranthene	15.22	252	639043	38.136	ng	99
89) Benzo(k)fluoranthene	15.25	252	590021	35.723	ng	99
90) Benzo(a)pyrene	15.60	252	594165	38.553	ng	97
91) Dibenzo(a,h)anthracene	17.25	278	592902	43.410	ng	98
92) Benzo(g,h,i)perylene	17.71	276	563329	40.822	ng	96

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

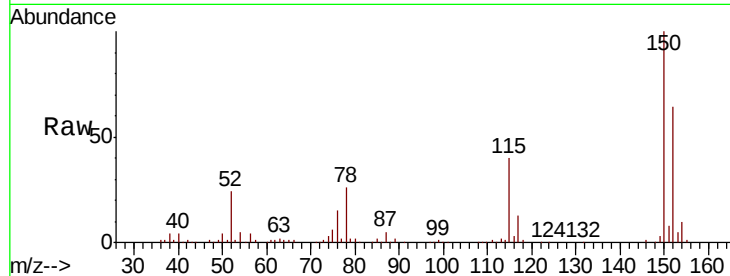


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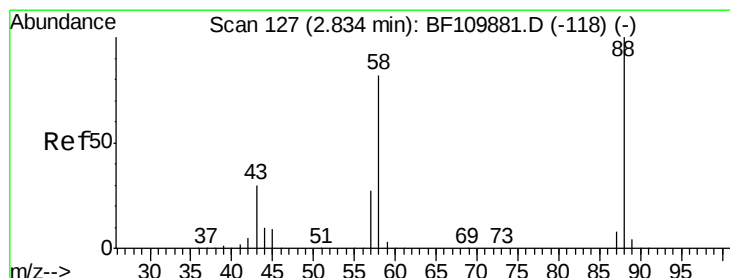
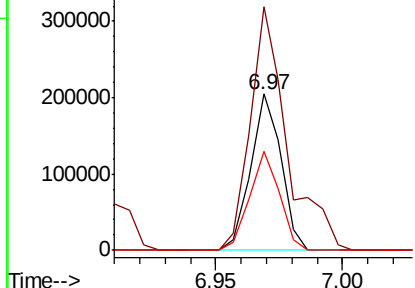
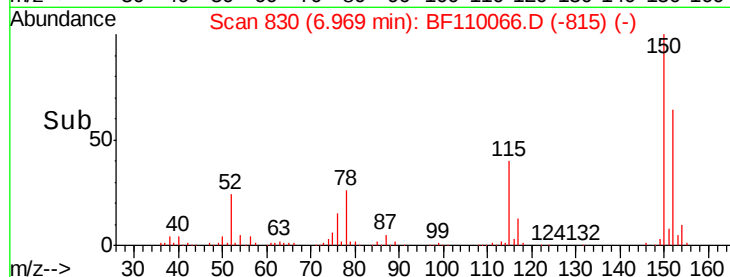
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110066.D
Acq: 22 Oct 2018 23:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 171814
Ion Ratio Lower Upper
152 100
150 156.0 122.7 184.1
115 63.1 49.1 73.7



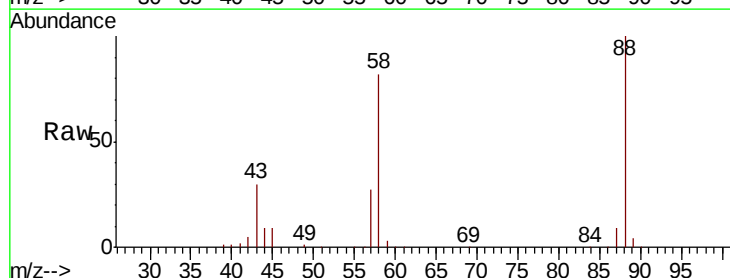
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



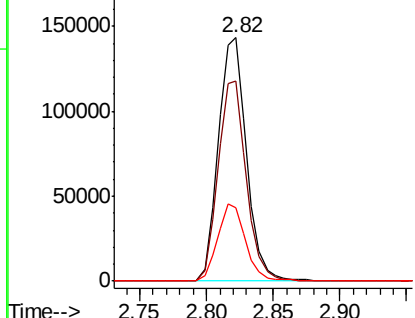
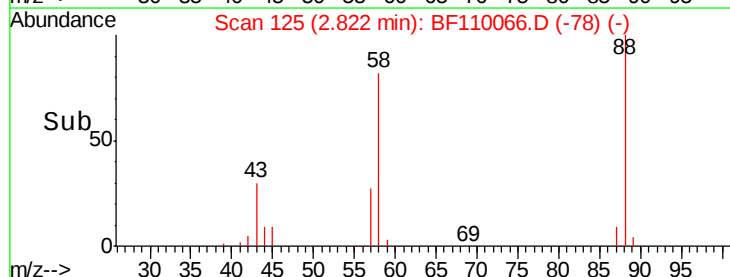
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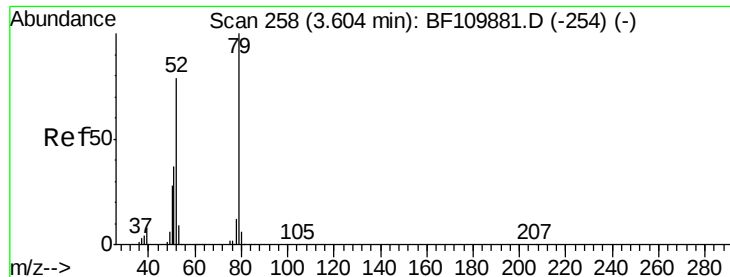
1,4-Dioxane
Concen: 34.674 ng
RT: 2.82 min Scan# 125
Delta R.T. -0.02 min
Lab File: BF110066.D
Acq: 22 Oct 2018 23:56

Tgt Ion: 88 Resp: 213459
Ion Ratio Lower Upper
88 100
58 81.8 57.1 85.7
43 31.1 24.1 36.1



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





#3

Pvridine

Concen: 35.857 ng

RT: 3.59 min Scan# 256

Delta R.T. -0.02 min

Lab File: BF110066.D

Acq: 22 Oct 2018 23:56

Instrument :

BNA_F

ClientSampleId :

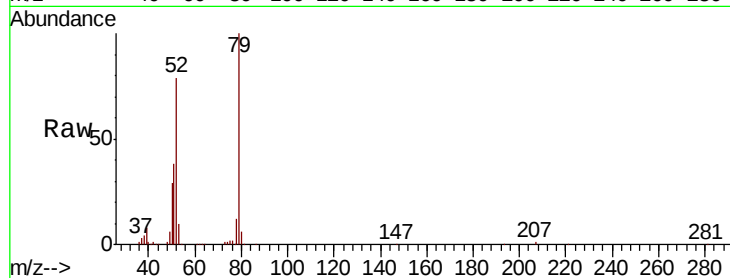
Tot Ion: 79 Resp: 492142

Ion Ratio Lower Upper

79 100

52 79.3 53.1 79.7

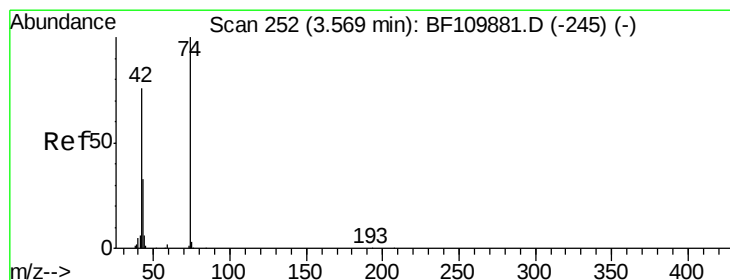
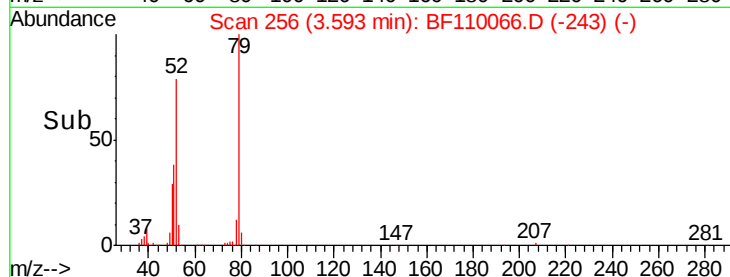
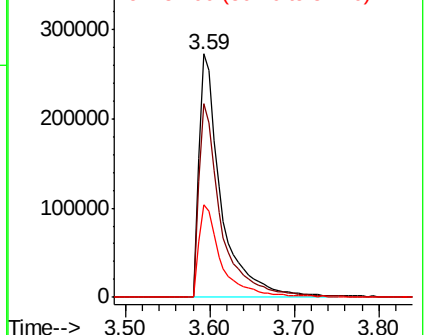
51 37.9 27.4 41.2



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 36.439 ng

RT: 3.56 min Scan# 250

Delta R.T. -0.02 min

Lab File: BF110066.D

Acq: 22 Oct 2018 23:56

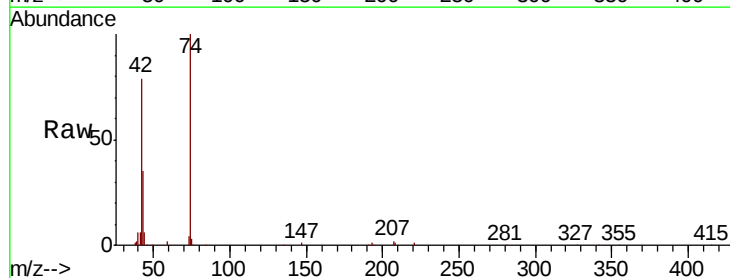
Tgt Ion: 42 Resp: 204016

Ion Ratio Lower Upper

42 100

74 126.4 105.5 158.3

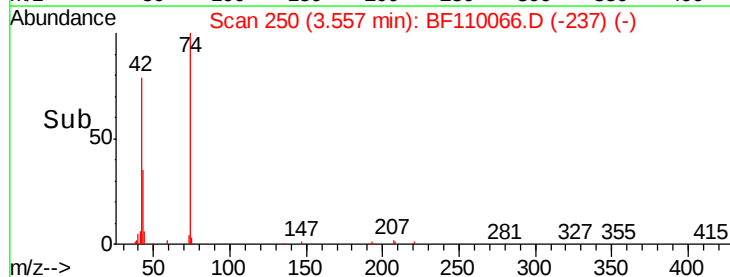
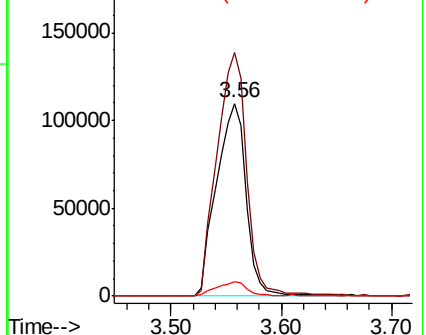
44 7.4 4.9 7.3#



Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 76.383 ng

RT: 5.59 min Scan# 595

Delta R.T. -0.01 min

Lab File: BF110066.D

Acq: 22 Oct 2018 23:56

Instrument :

BNA_F

ClientSampled :

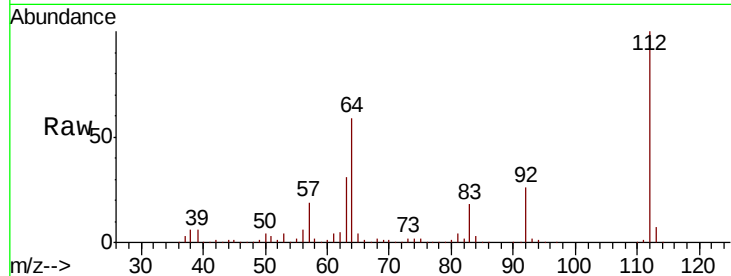
Tot Ion:112 Resp: 827920

Ion Ratio Lower Upper

112 100

64 59.3 44.1 66.1

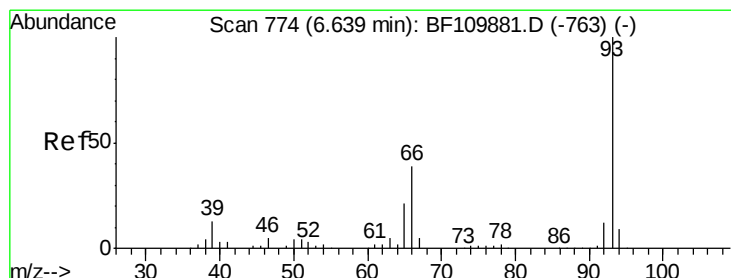
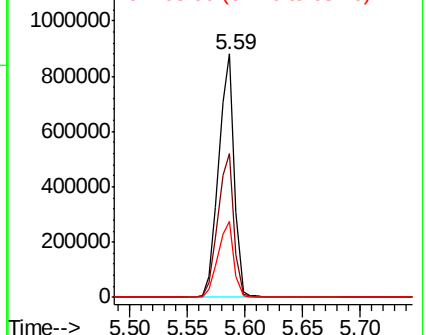
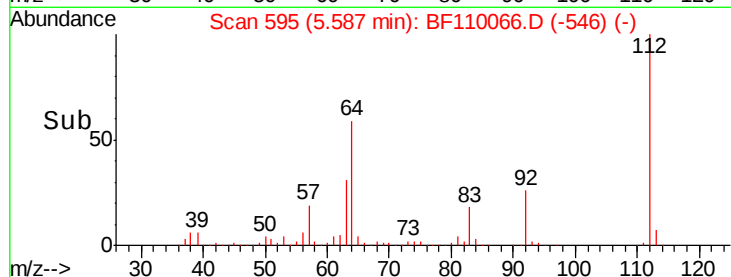
63 30.9 23.7 35.5



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: 37.920 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF110066.D

Acq: 22 Oct 2018 23:56

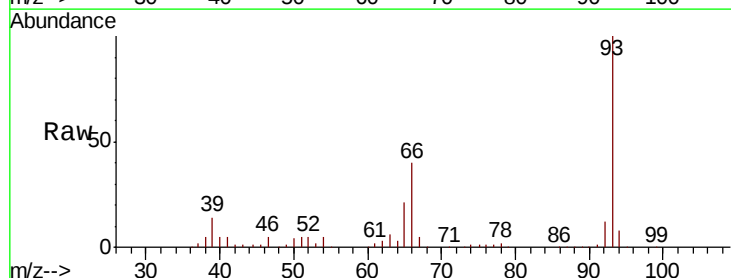
Tgt Ion: 93 Resp: 687795

Ion Ratio Lower Upper

93 100

66 40.4 67.4 101.0#

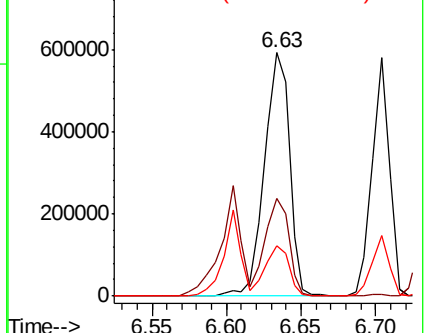
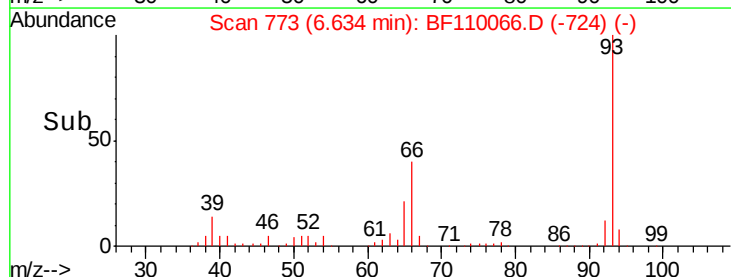
65 20.9 41.0 61.4#

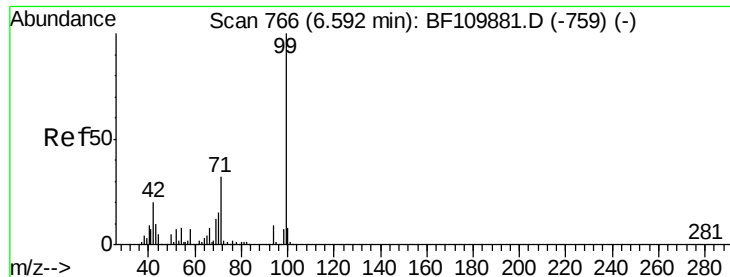


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 77.133 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110066.D

Acq: 22 Oct 2018 23:56

Instrument :

BNA_F

ClientSampleId :

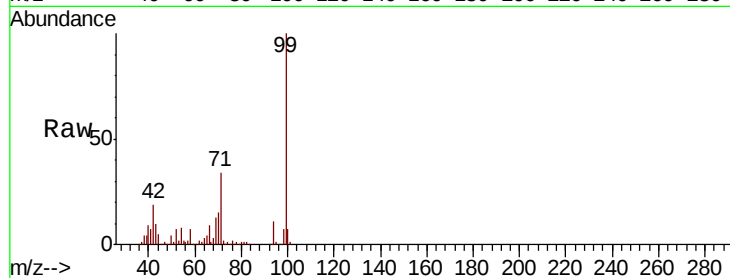
Tot Ion: 99 Resp: 1038160

Ion Ratio Lower Upper

99 100

42 18.8 15.8 23.6

71 33.8 28.0 42.0

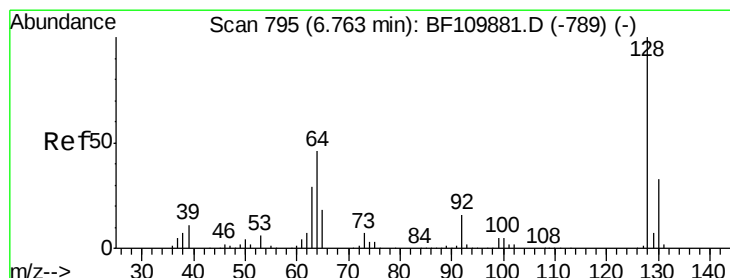
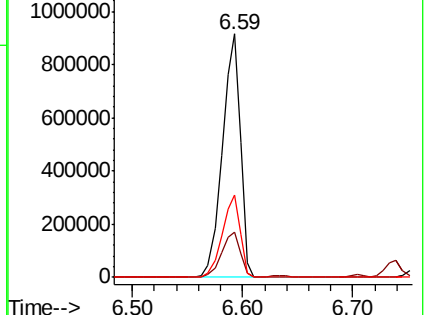
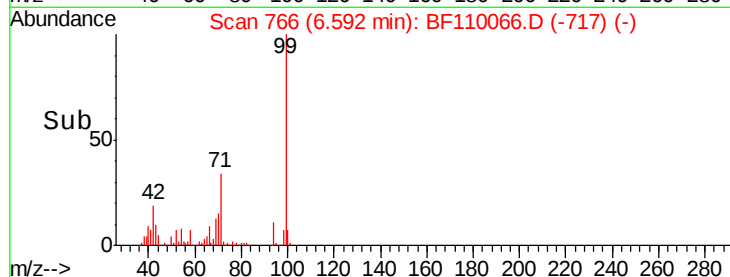


Abundance

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: 39.611 ng

RT: 6.76 min Scan# 794

Delta R.T. -0.01 min

Lab File: BF110066.D

Acq: 22 Oct 2018 23:56

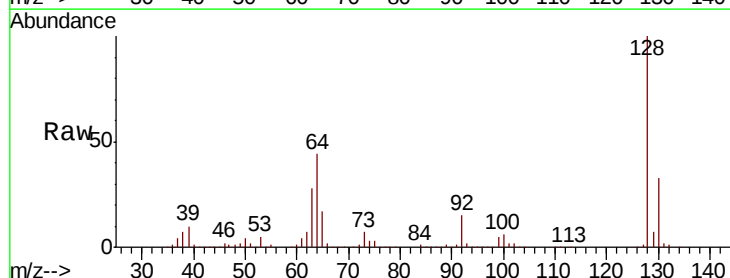
Tgt Ion: 128 Resp: 480936

Ion Ratio Lower Upper

128 100

130 32.8 13.1 53.1

64 44.5 26.0 66.0

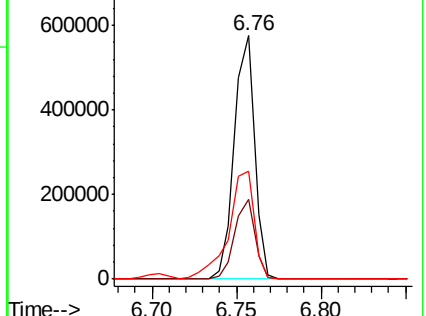
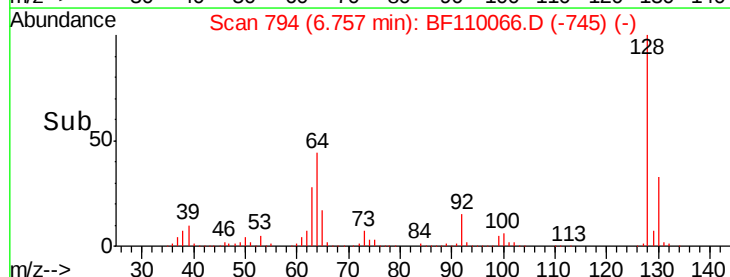


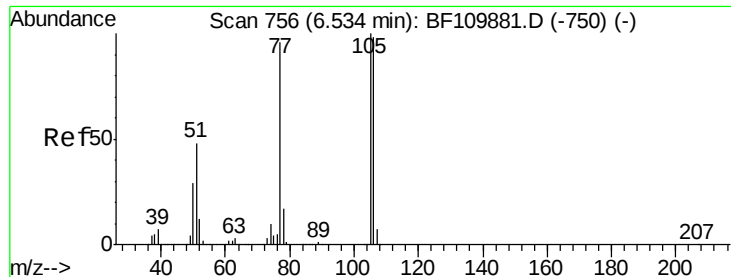
Abundance

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: 37.054 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF110066.D

Acq: 22 Oct 2018 23:56

Instrument :

BNA_F

ClientSampleId :

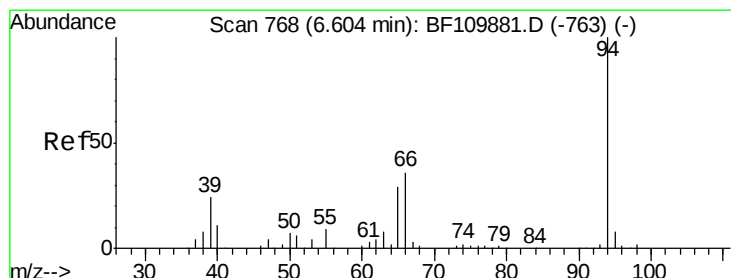
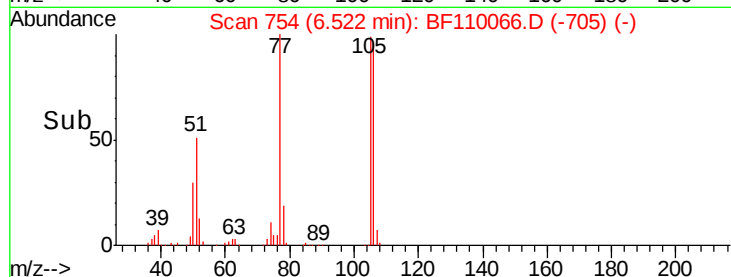
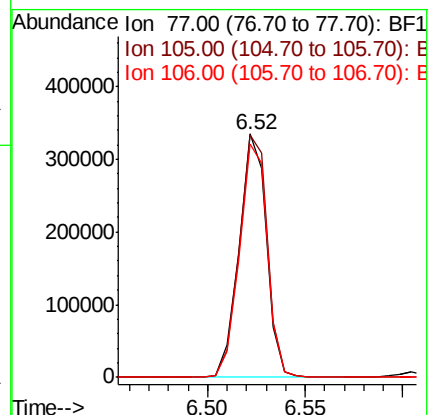
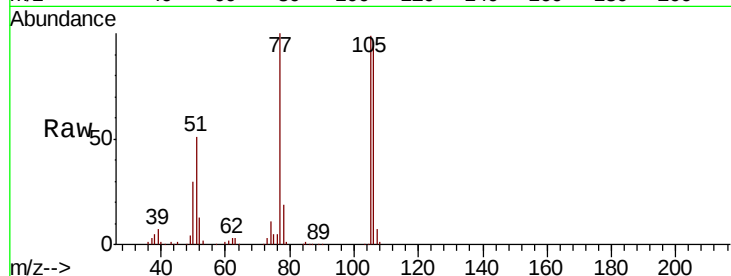
Tot Ion: 77 Resp: 324092

Ion Ratio Lower Upper

77 100

105 99.4 78.6 118.6

106 95.9 74.8 114.8



#10

Phenol

Concen: 38.316 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF110066.D

Acq: 22 Oct 2018 23:56

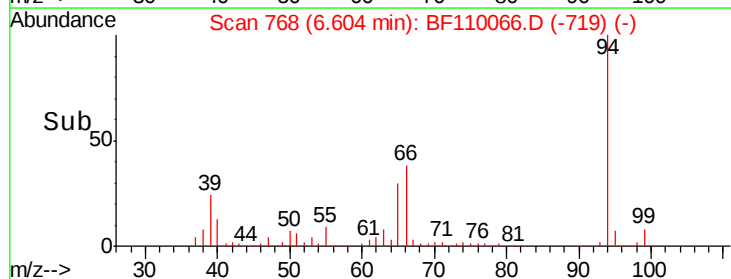
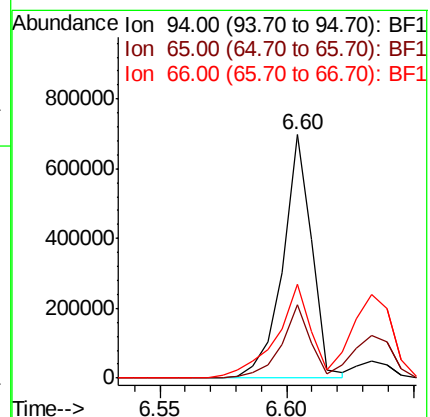
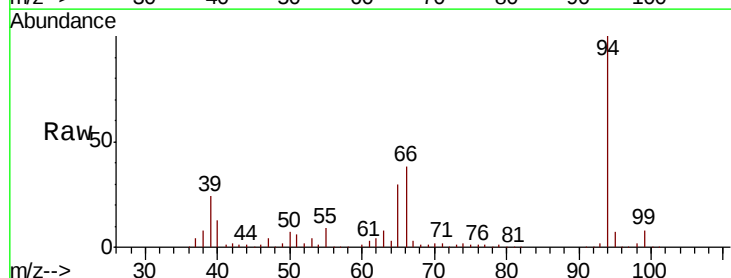
Tgt Ion: 94 Resp: 556794

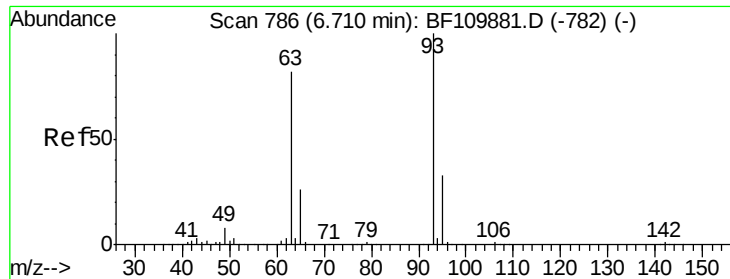
Ion Ratio Lower Upper

94 100

65 29.9 25.3 65.3

66 38.4 54.5 94.5#

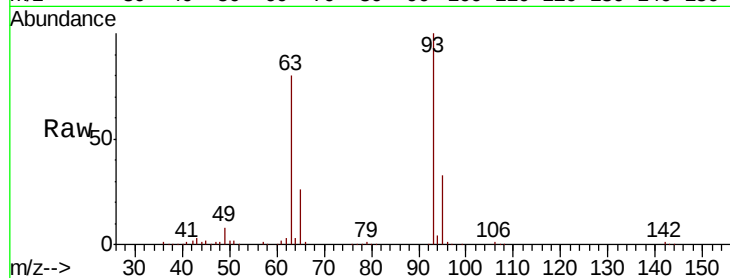




#11
bis(2-Chloroethyl)ether
Concen: 38.151 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF110066.D
Acq: 22 Oct 2018 23:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	80.5	53.4	93.4
95	32.8	12.1	52.1

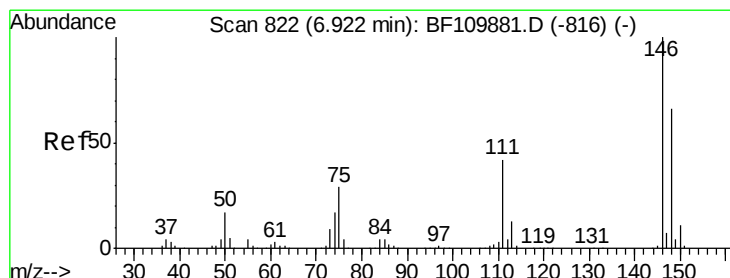
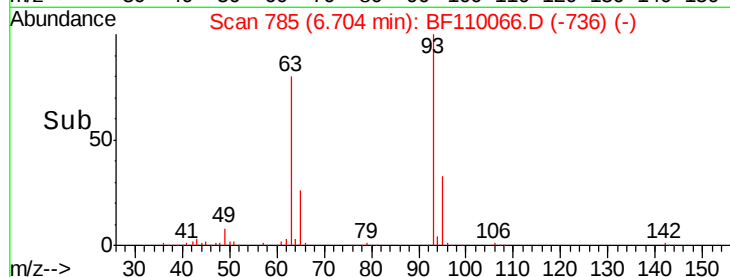
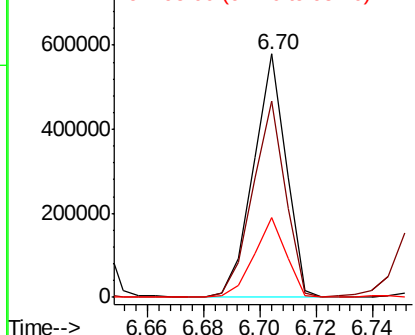


Abundance

Ion 93.00 (92.70 to 93.70): BF1

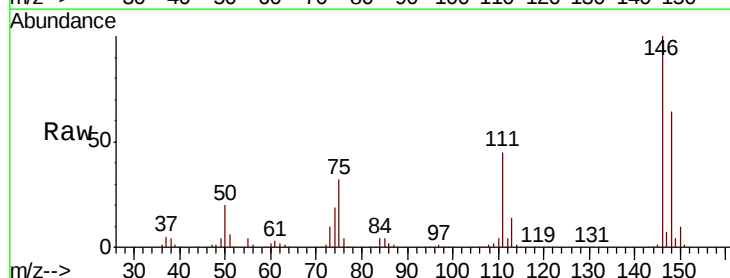
Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12
1,3-Dichlorobenzene
Concen: 39.563 ng
RT: 6.91 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF110066.D
Acq: 22 Oct 2018 23:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.4	75.6
75	31.8	25.8	38.6

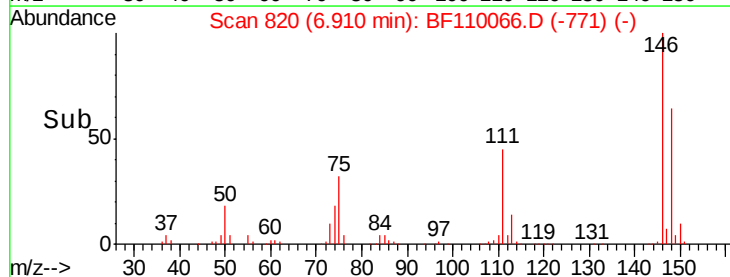
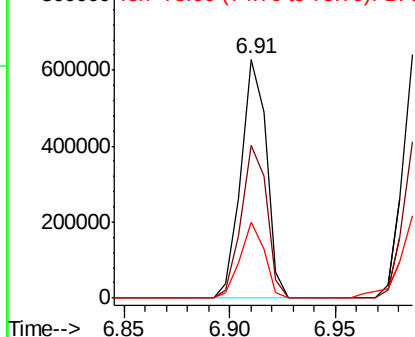


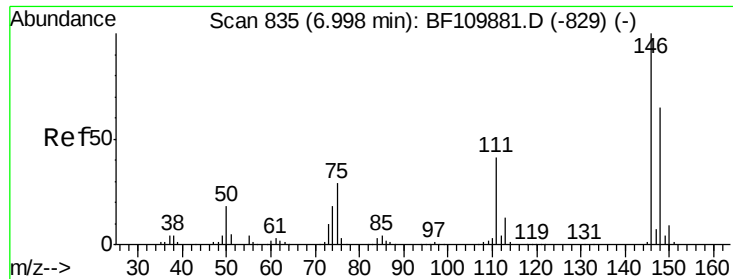
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

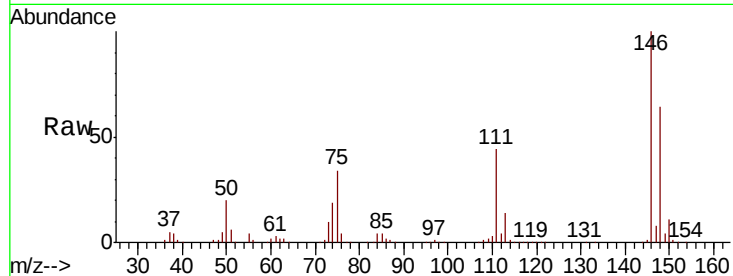




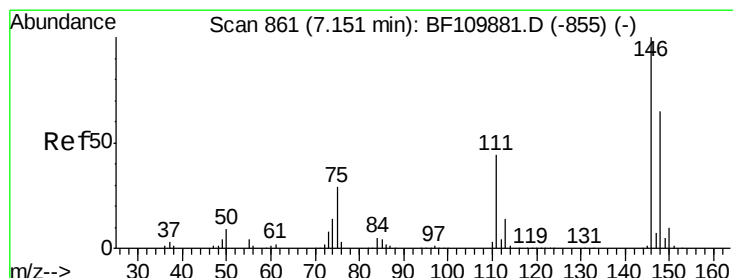
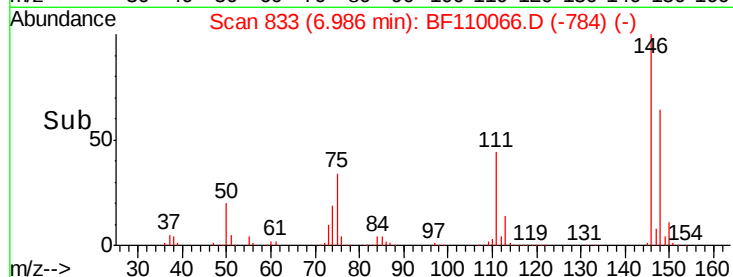
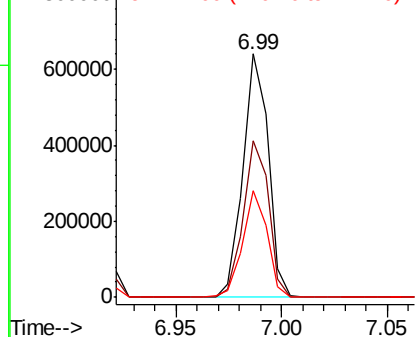
#13
 1,4-Dichlorobenzene
 Concen: 39.442 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BF110066.D
 Acq: 22 Oct 2018 23:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 528841
 Ion Ratio Lower Upper
 146 100
 148 64.1 50.3 75.5
 111 44.0 32.7 49.1

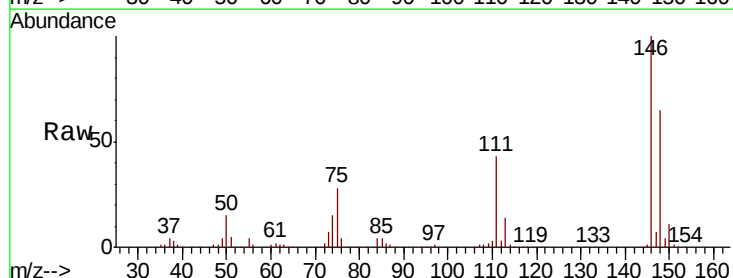


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

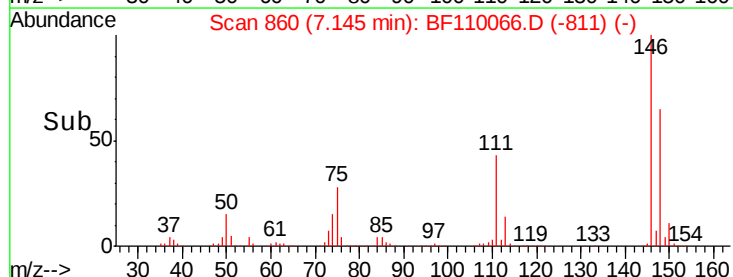
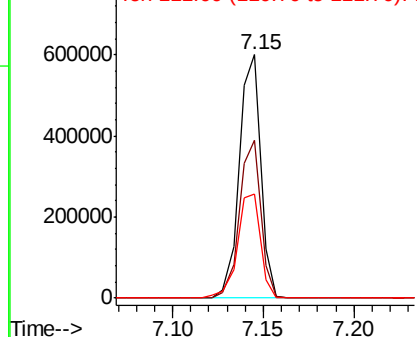


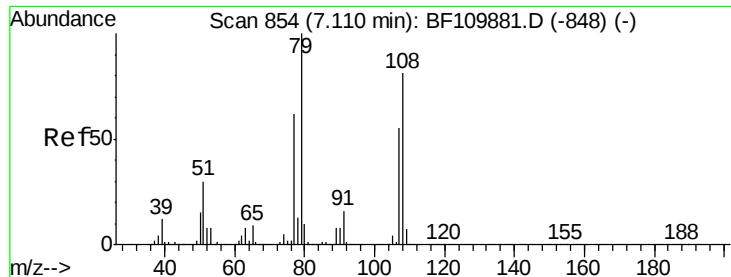
#14
 1,2-Dichlorobenzene
 Concen: 40.017 ng
 RT: 7.15 min Scan# 860
 Delta R.T. -0.01 min
 Lab File: BF110066.D
 Acq: 22 Oct 2018 23:56

Tgt Ion:146 Resp: 494083
 Ion Ratio Lower Upper
 146 100
 148 64.6 51.1 76.7
 111 42.7 35.8 53.6



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: 39.421 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF110066.D

Acq: 22 Oct 2018 23:56

Instrument :

BNA_F

ClientSampleId :

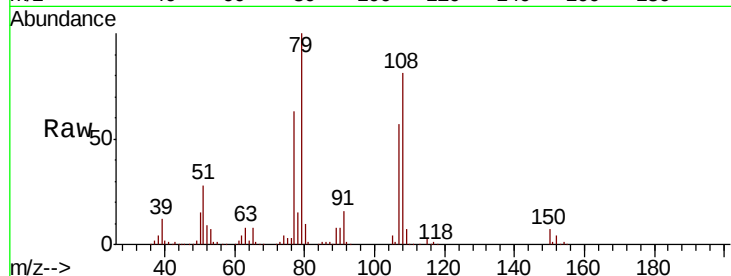
Tot Ion: 79 Resp: 408193

Ion Ratio Lower Upper

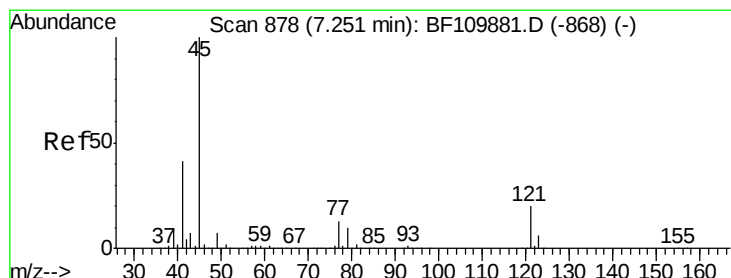
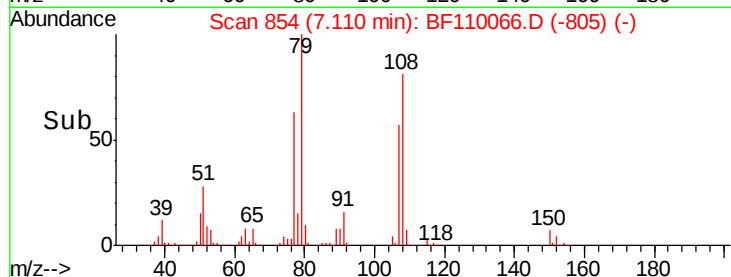
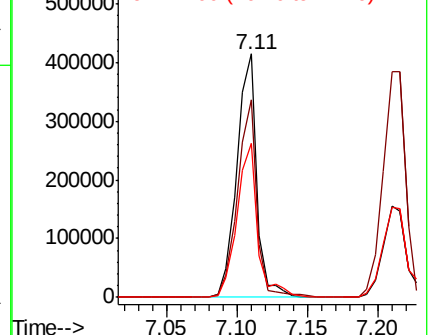
79 100

108 81.4 56.3 84.5

77 63.0 52.9 79.3



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: 37.997 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: BF110066.D

Acq: 22 Oct 2018 23:56

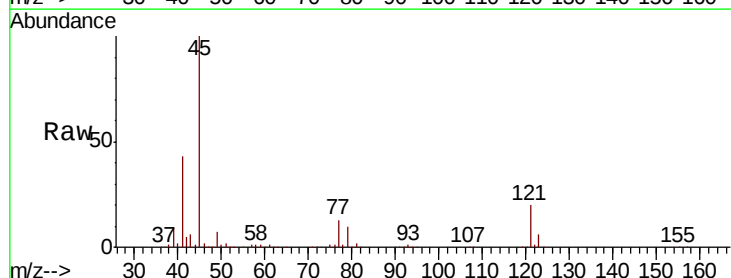
Tgt Ion: 45 Resp: 757769

Ion Ratio Lower Upper

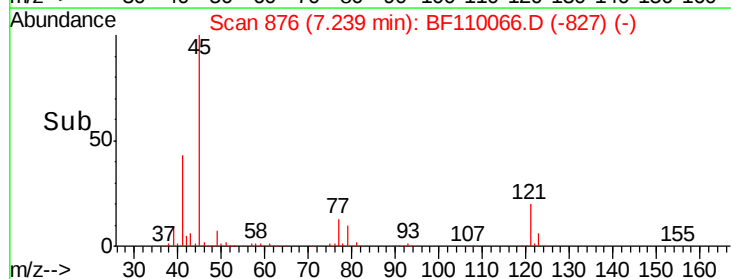
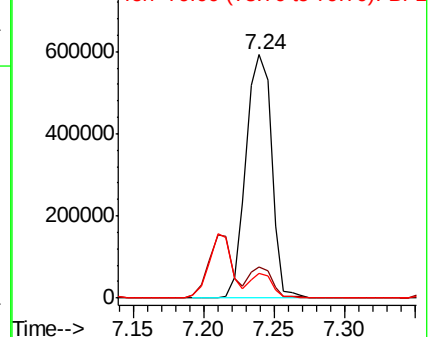
45 100

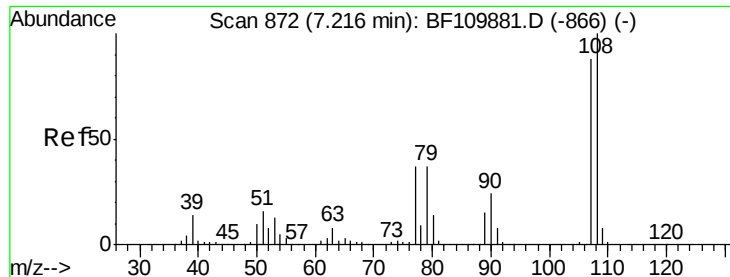
77 12.6 10.0 50.0

79 10.1 6.1 46.1



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

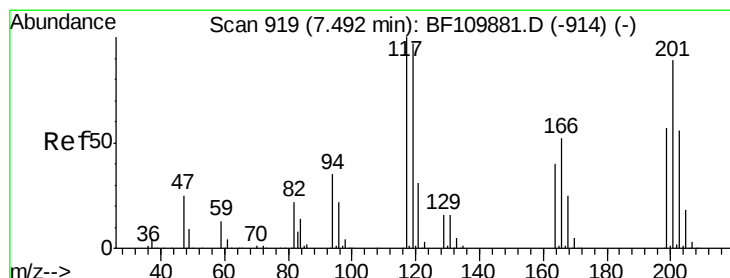
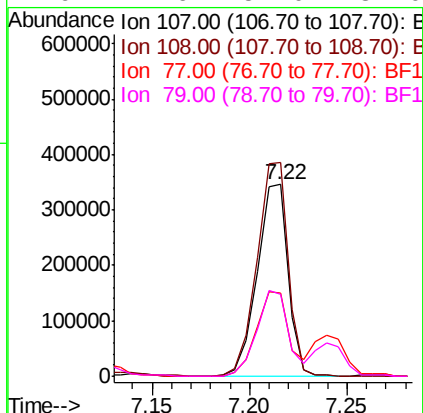
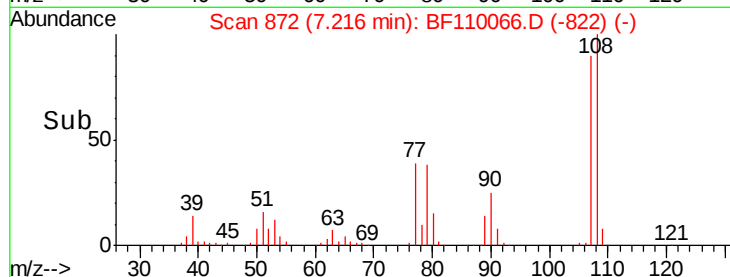
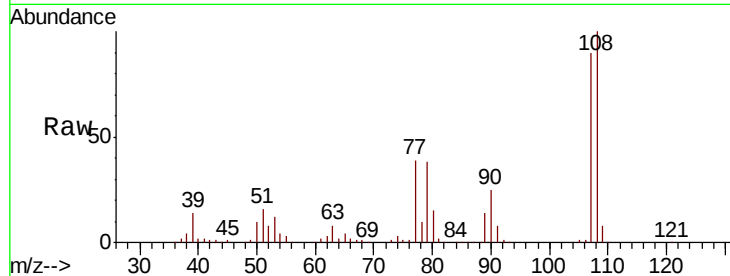




#17
2-Methylphenol
Concen: 38.612 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF110066.D
Acq: 22 Oct 2018 23:56

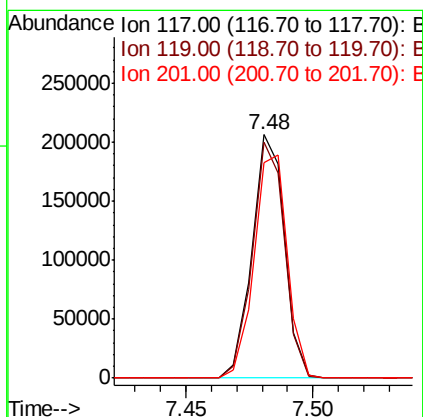
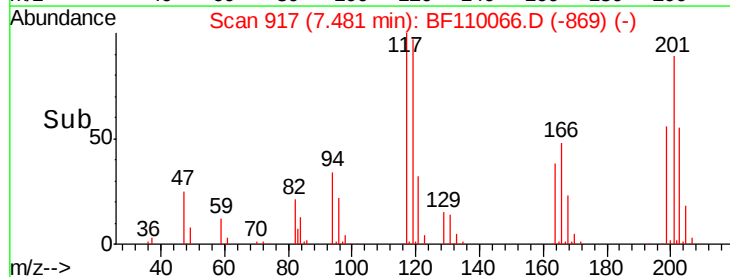
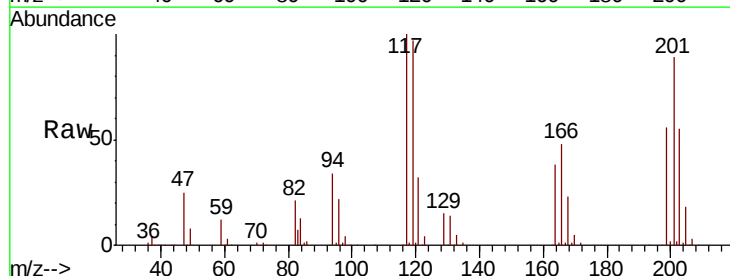
Instrument :
BNA_F
ClientSampled :

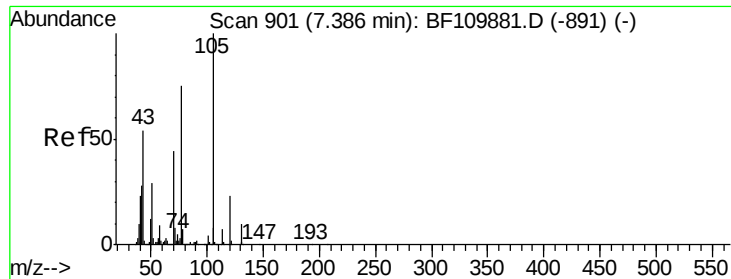
Tot Ion	Ratio	Lower	Upper
107	100		
108	111.4	92.6	138.8
77	43.6	59.4	89.2#
79	42.6	54.0	81.0#



#18
Hexachloroethane
Concen: 38.784 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.02 min
Lab File: BF110066.D
Acq: 22 Oct 2018 23:56

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.0	75.0	112.6
201	88.6	79.2	118.8

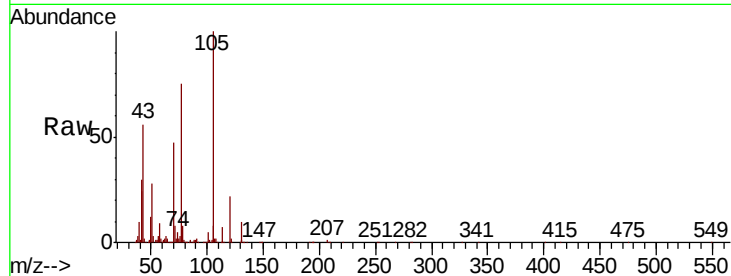




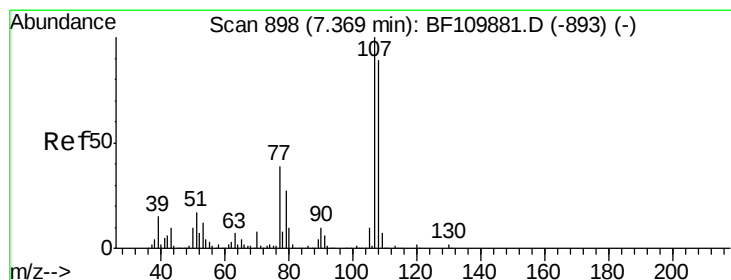
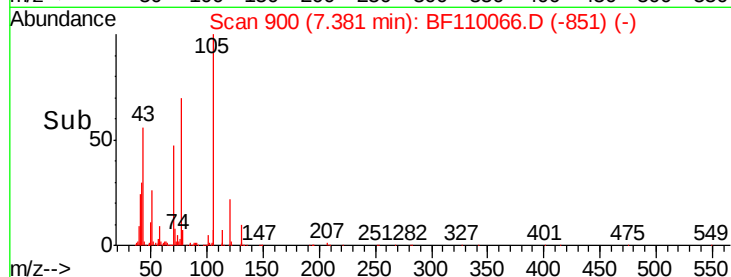
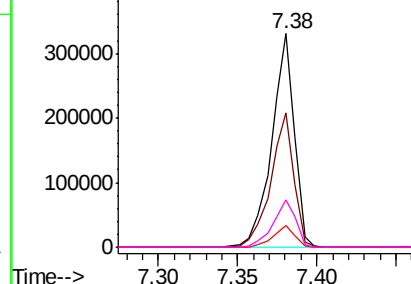
#19
n-Nitroso-di-n-propylamine
Concen: 38.104 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF110066.D
Acq: 22 Oct 2018 23:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	329288
Ion	Ratio	Lower	Upper
70	100		
42	63.0	47.4	71.2
101	10.2	7.3	10.9
130	22.3	16.2	24.2

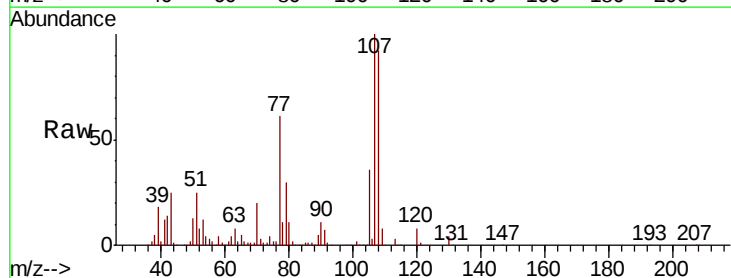


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

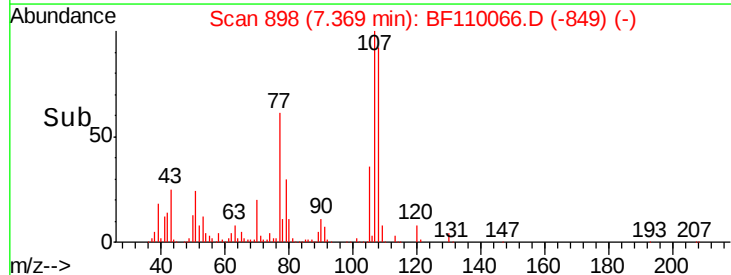
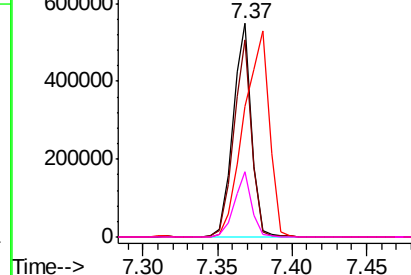


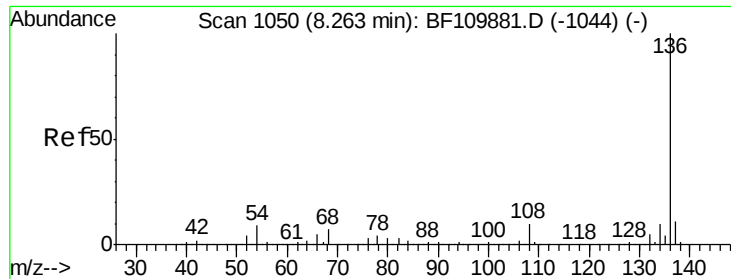
#20
3+4-Methylphenols
Concen: 38.828 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF110066.D
Acq: 22 Oct 2018 23:56

Tgt Ion:	107	Resp:	482392
Ion	Ratio	Lower	Upper
107	100		
108	92.1	71.4	111.4
77	60.9	47.3	87.3
79	30.4	10.9	50.9



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

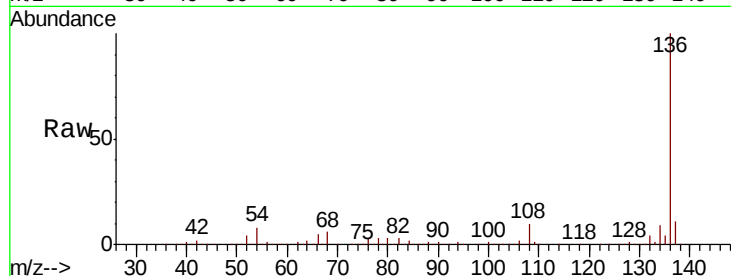




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF110066.D
Acq: 22 Oct 2018 23:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	711652
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.8 13.2
54	8.2	5.4 8.2#
68	5.5	4.2 6.2



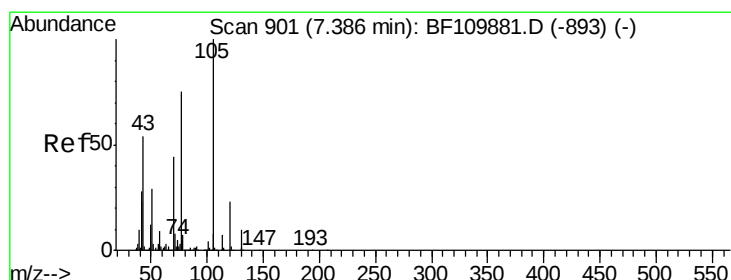
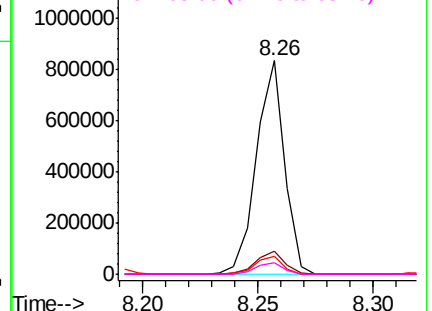
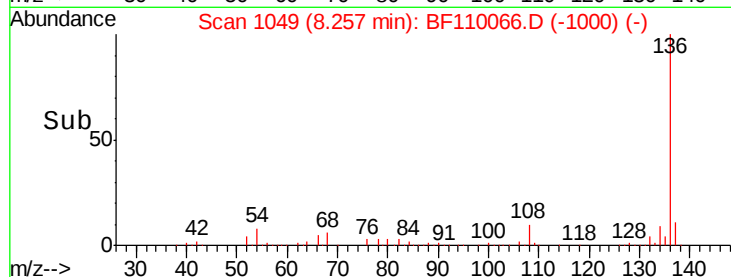
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

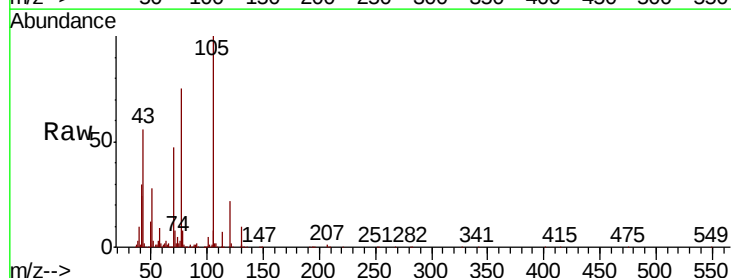
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 38.854 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF110066.D
Acq: 22 Oct 2018 23:56

Tgt Ion:105	Resp:	641245
Ion Ratio	Lower	Upper
105	100	
71	8.0	5.2 7.8#
51	28.3	21.8 32.8
120	22.2	17.0 25.4



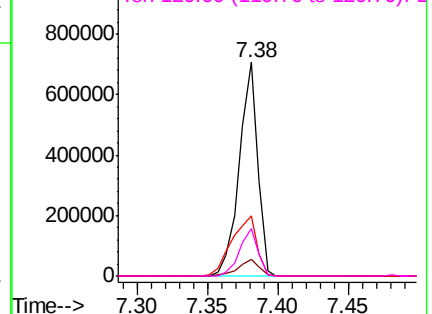
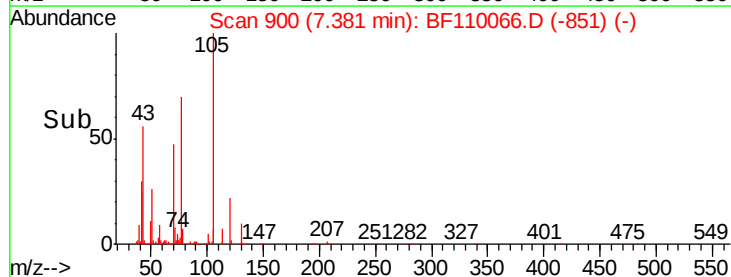
Abundance

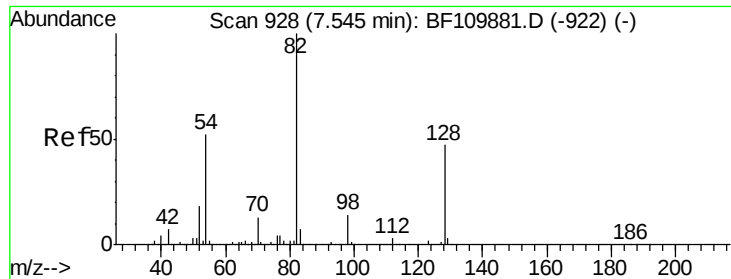
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

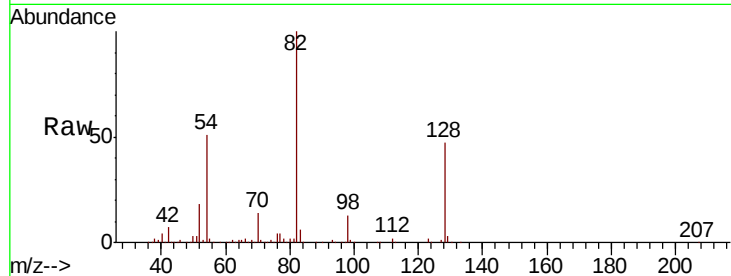




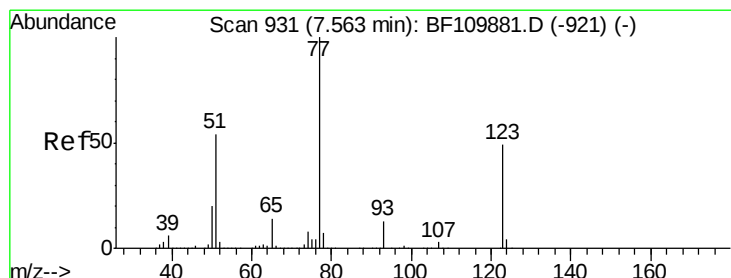
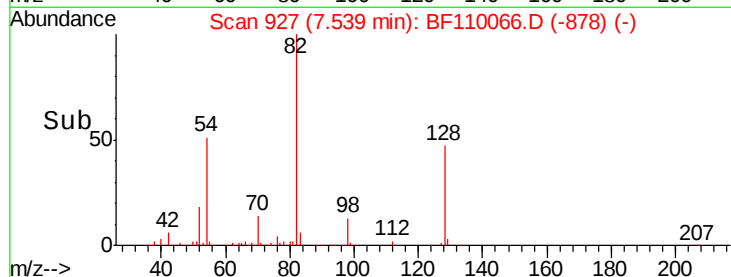
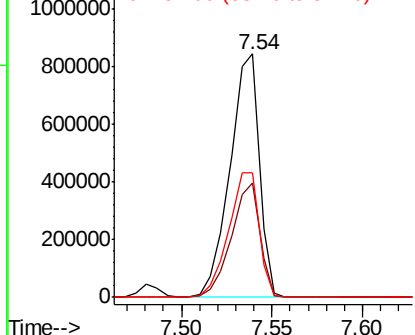
#23
 Nitrobenzene-d5
 Concen: 90.124 ng
 RT: 7.54 min Scan# 927
 Delta R.T. -0.01 min
 Lab File: BF110066.D
 Acq: 22 Oct 2018 23:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	952100
Ion Ratio	Lower	Upper	
82	100		
128	47.2	34.2	51.2
54	51.4	38.6	58.0

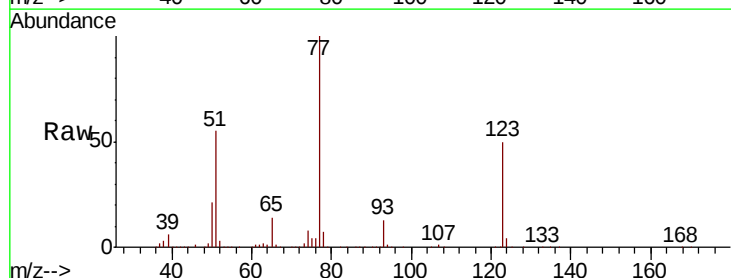


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

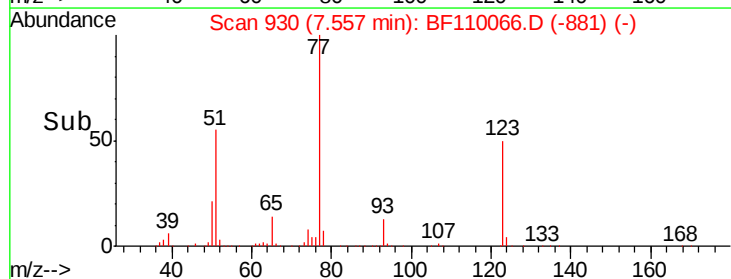
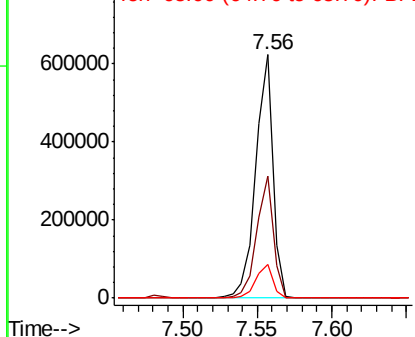


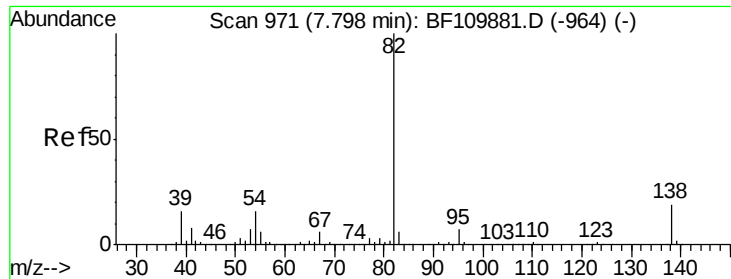
#24
 Nitrobenzene
 Concen: 43.125 ng
 RT: 7.56 min Scan# 930
 Delta R.T. -0.01 min
 Lab File: BF110066.D
 Acq: 22 Oct 2018 23:56

Tgt Ion	77	Resp	494920
Ion Ratio	Lower	Upper	
77	100		
123	50.0	35.7	53.5
65	14.1	10.7	16.1



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





#25

Isophorone

Concen: 38.122 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.01 min

Lab File: BF110066.D

Acq: 22 Oct 2018 23:56

Instrument :

BNA_F

ClientSampleId :

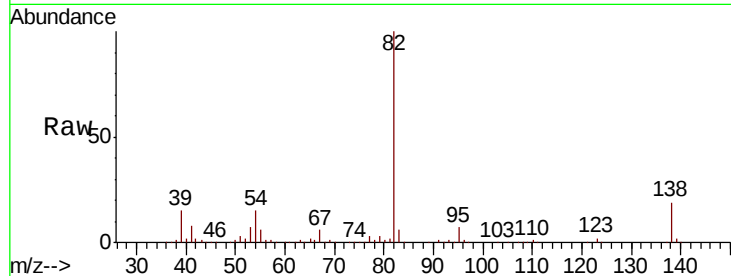
Tot Ion: 82 Resp: 791328

Ion Ratio Lower Upper

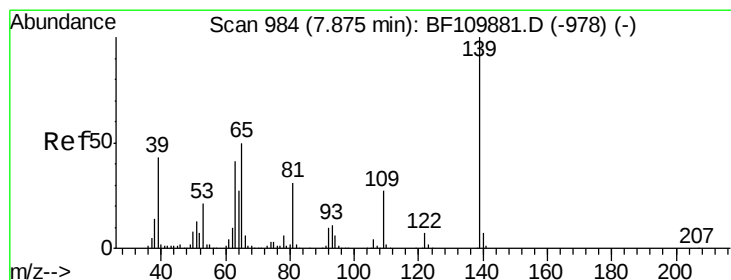
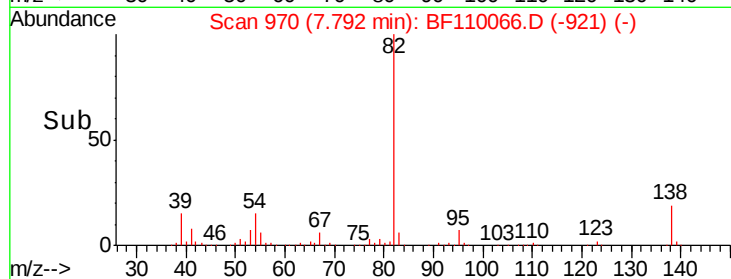
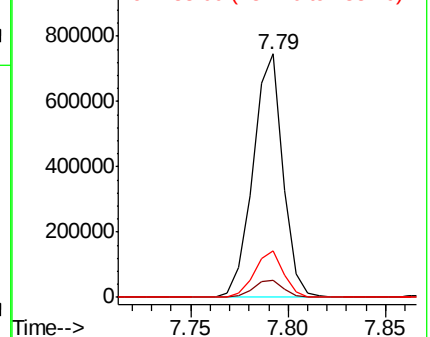
82 100

95 7.2 5.7 8.5

138 19.2 13.2 19.8



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



#26

2-Nitrophenol

Concen: 50.627 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.01 min

Lab File: BF110066.D

Acq: 22 Oct 2018 23:56

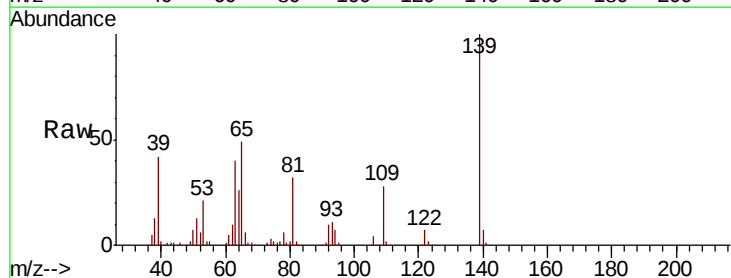
Tgt Ion: 139 Resp: 240902

Ion Ratio Lower Upper

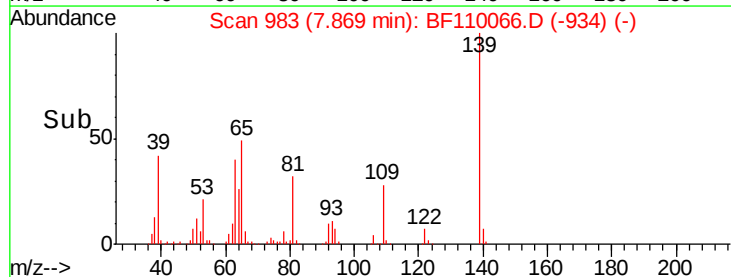
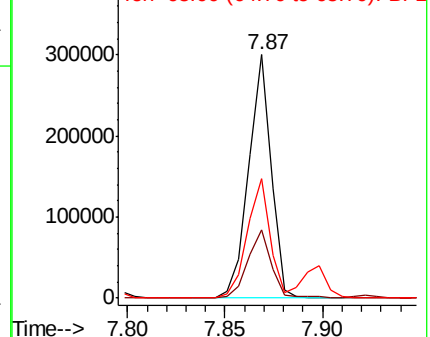
139 100

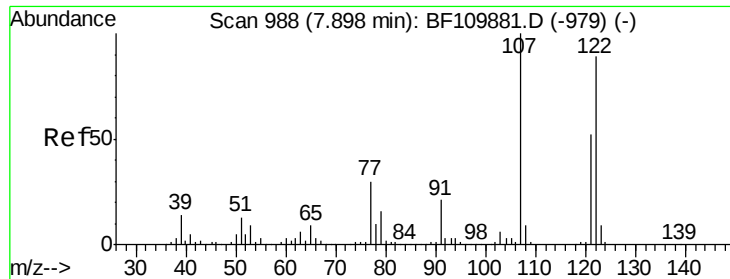
109 28.1 25.0 37.6

65 49.2 44.0 66.0



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





#27

2,4-Dimethylphenol

Concen: 38.259 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.01 min

Lab File: BF110066.D

Acq: 22 Oct 2018 23:56

Instrument :

BNA_F

ClientSampleId :

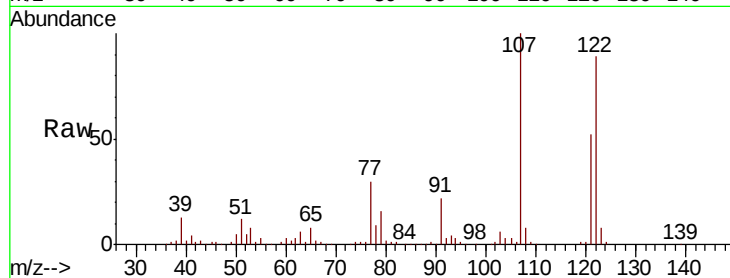
Tot Ion:122 Resp: 382525

Ion Ratio Lower Upper

122 100

107 112.8 92.5 138.7

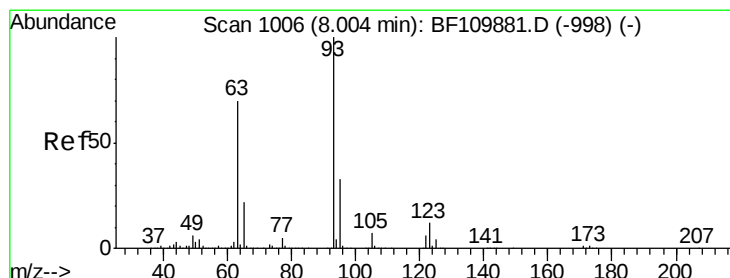
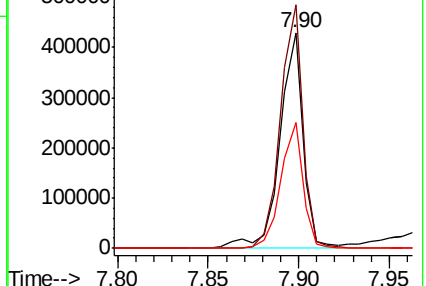
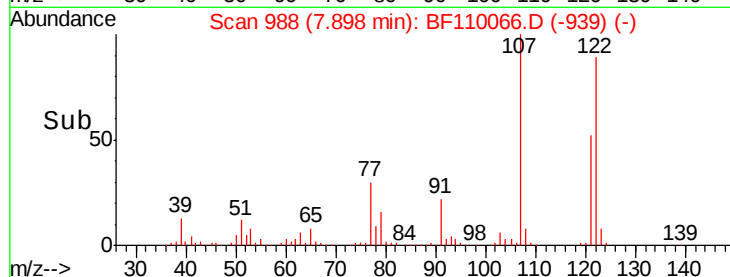
121 58.5 45.8 68.8



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: 38.504 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF110066.D

Acq: 22 Oct 2018 23:56

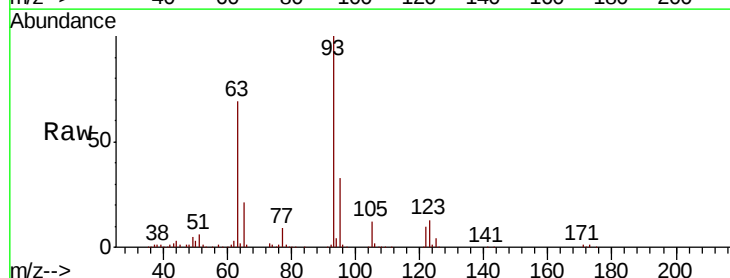
Tgt Ion: 93 Resp: 548528

Ion Ratio Lower Upper

93 100

95 32.8 26.4 39.6

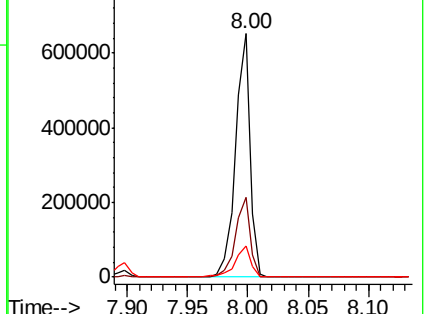
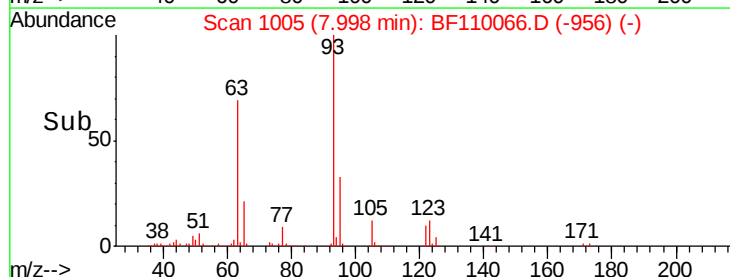
123 12.6 9.0 13.6

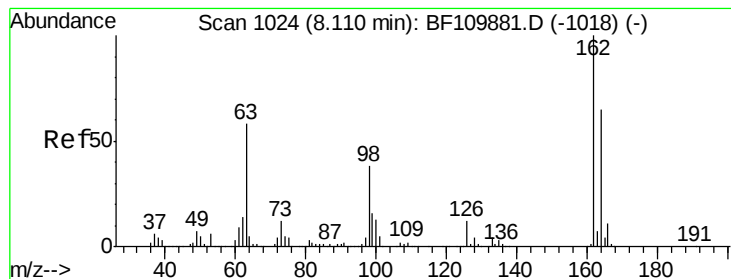


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 40.308 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF110066.D

Acq: 22 Oct 2018 23:56

Instrument :

BNA_F

ClientSampleId :

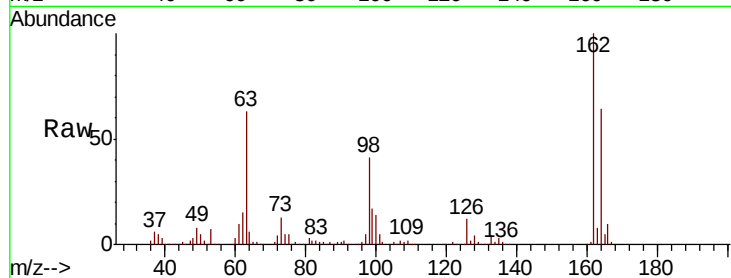
Tot Ion:162 Resp: 390958

Ion Ratio Lower Upper

162 100

164 64.0 44.6 84.6

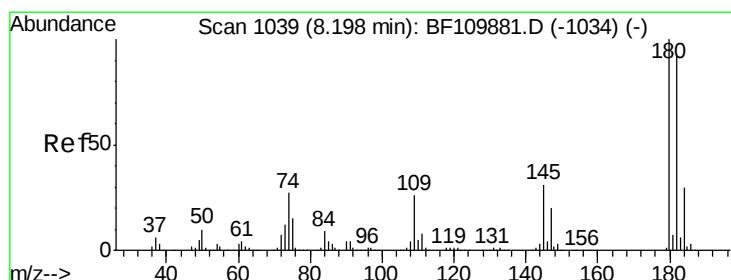
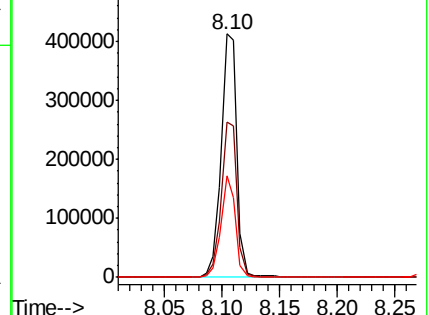
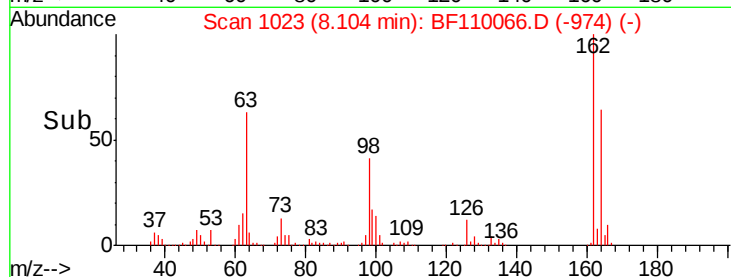
98 41.5 17.4 57.4



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: 40.469 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF110066.D

Acq: 22 Oct 2018 23:56

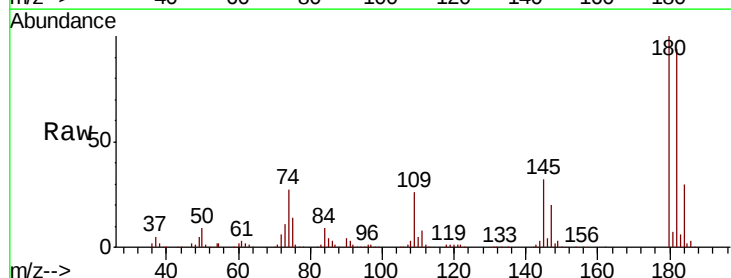
Tgt Ion:180 Resp: 439500

Ion Ratio Lower Upper

180 100

182 94.2 80.3 120.5

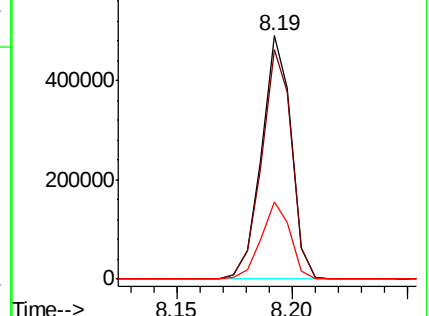
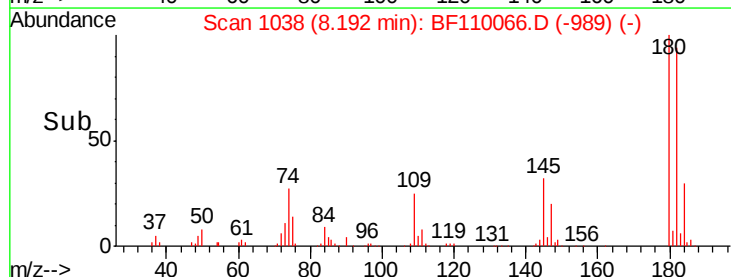
145 31.7 25.4 38.0

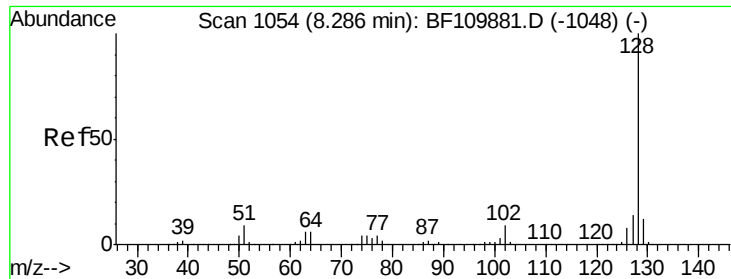


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

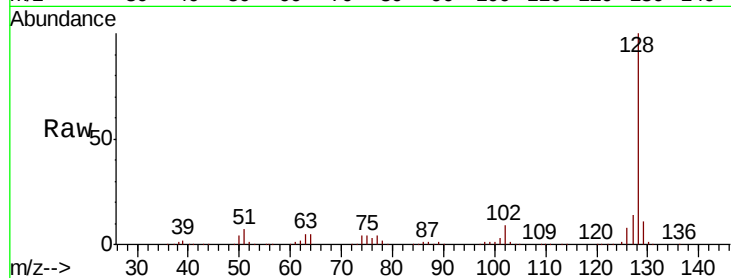




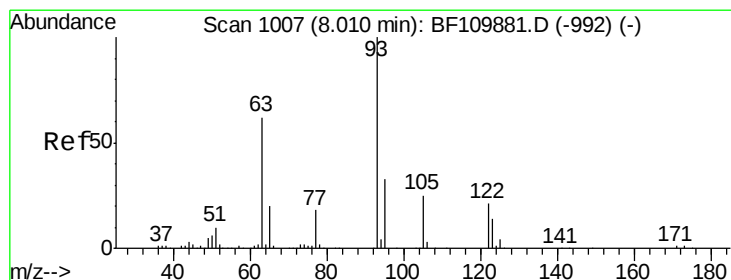
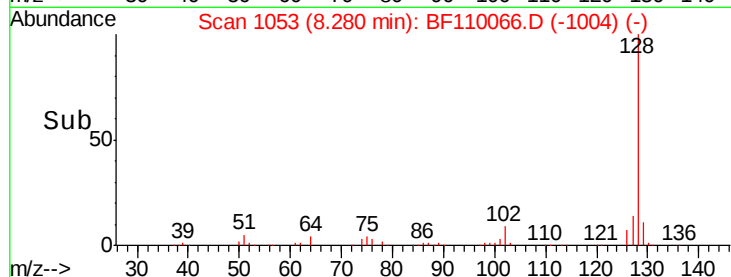
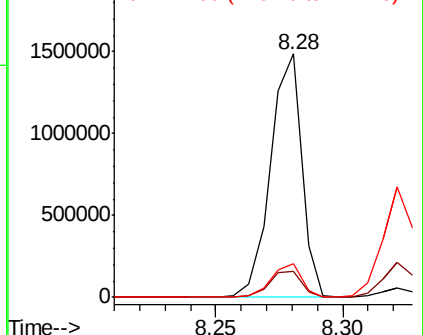
#31
Naphthalene
Concen: 39.008 ng
RT: 8.28 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BF110066.D
Acq: 22 Oct 2018 23:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1272984
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.8 10.8 16.2

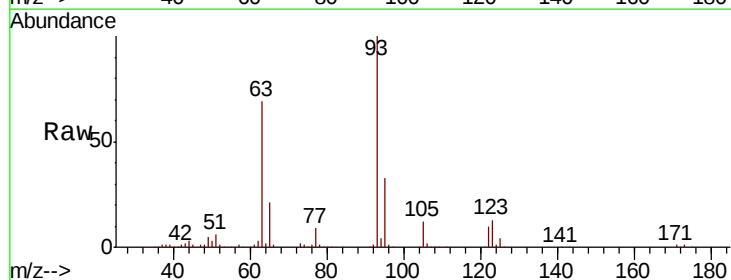


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

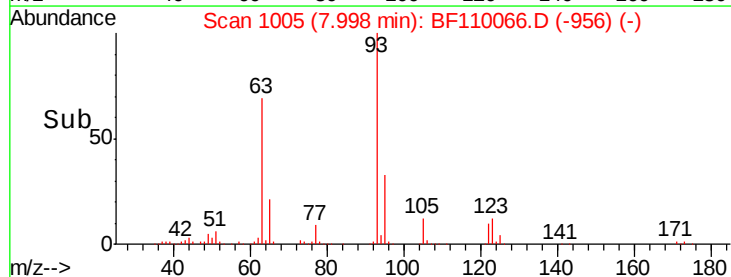
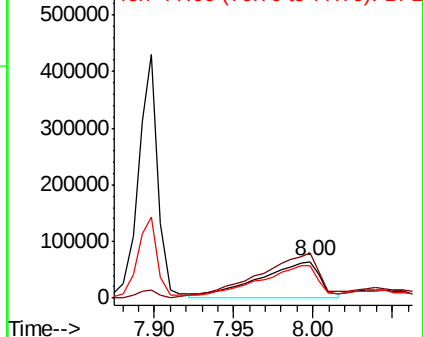


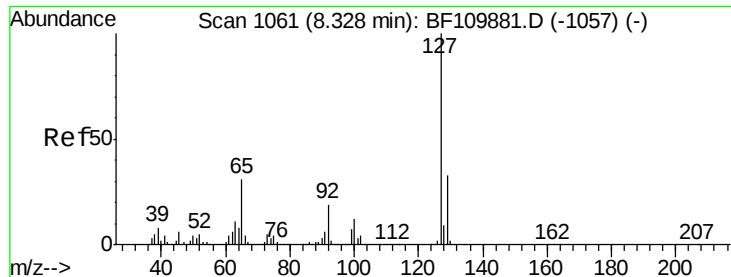
#32
Benzoic acid
Concen: 27.783 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF110066.D
Acq: 22 Oct 2018 23:56

Tgt Ion:122 Resp: 173078
Ion Ratio Lower Upper
122 100
105 122.7 109.0 149.0
77 88.1 79.0 119.0



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

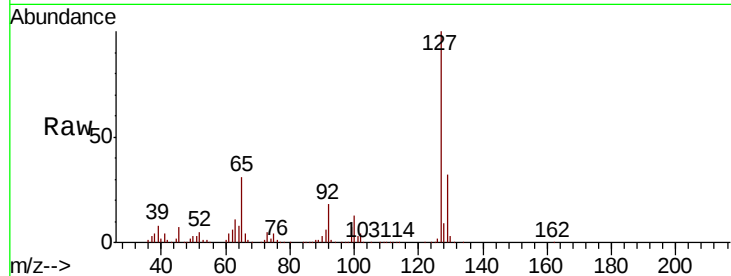




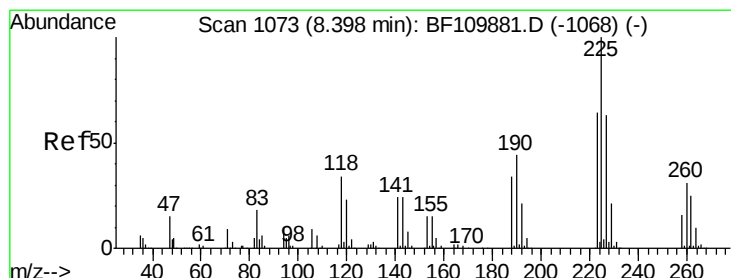
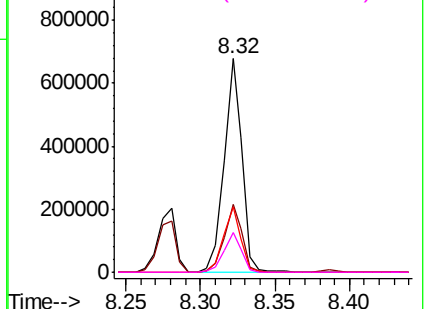
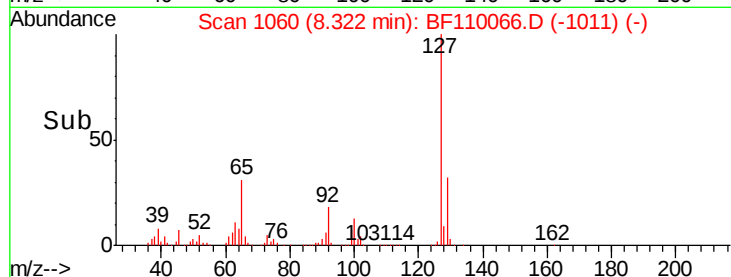
#33
4-Chloroaniline
Concen: 39.257 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF110066.D
Acq: 22 Oct 2018 23:56

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	575880
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.0	39.0
65	30.8	25.1	37.7
92	18.5	15.0	22.6

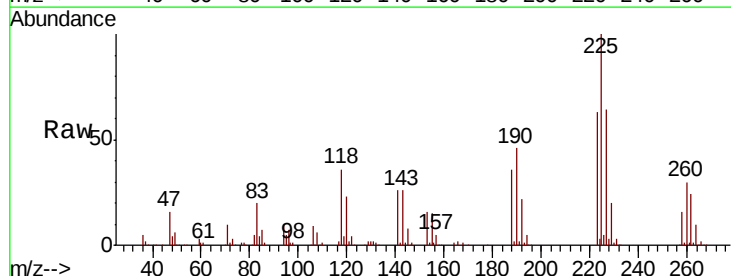


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

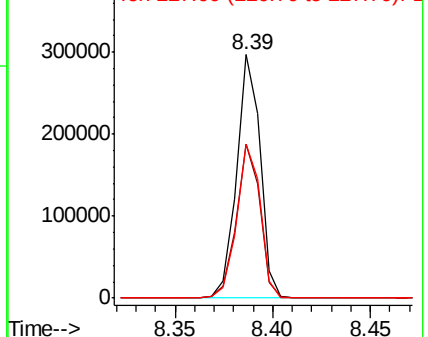
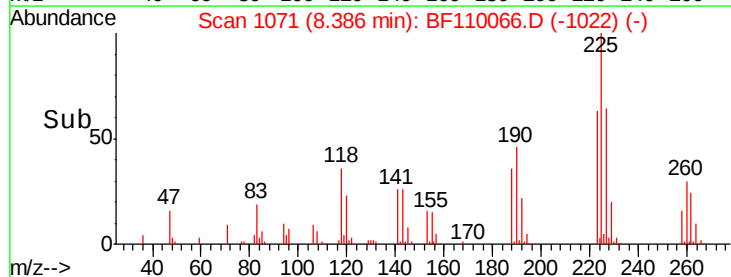


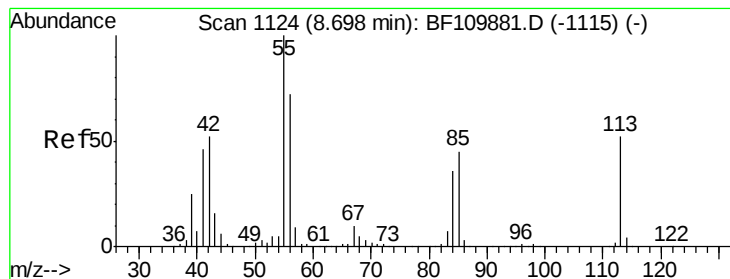
#34
Hexachlorobutadiene
Concen: 41.507 ng
RT: 8.39 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BF110066.D
Acq: 22 Oct 2018 23:56

Tgt Ion:	225	Resp:	248571
Ion	Ratio	Lower	Upper
225	100		
223	63.0	51.4	77.2
227	63.5	51.0	76.6



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





#35

Caprolactam

Concen: 36.811 ng

RT: 8.70 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BF110066.D

Acq: 22 Oct 2018 23:56

Instrument :

BNA_F

ClientSampled :

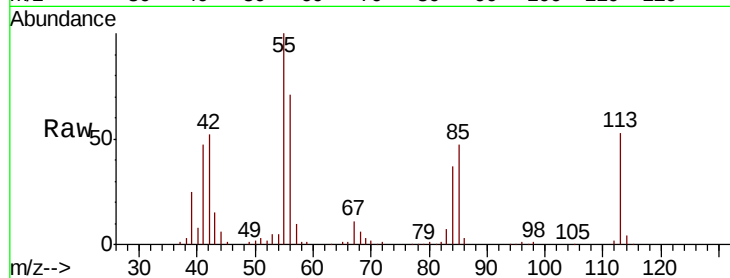
Tot Ion:113 Resp: 126803

Ion Ratio Lower Upper

113 100

55 187.5 142.8 182.8#

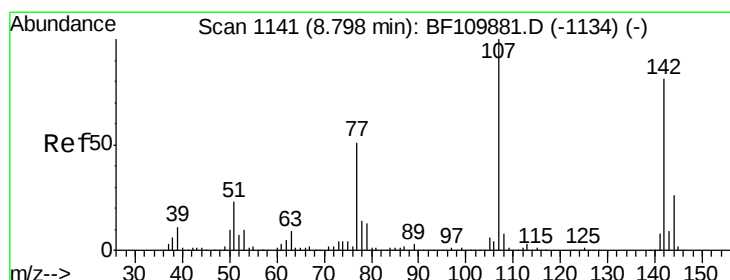
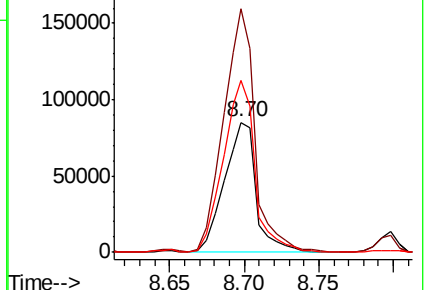
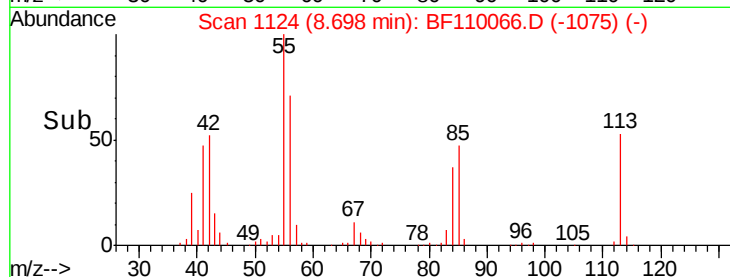
56 132.6 105.0 145.0



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: 39.519 ng

RT: 8.80 min Scan# 1141

Delta R.T. -0.01 min

Lab File: BF110066.D

Acq: 22 Oct 2018 23:56

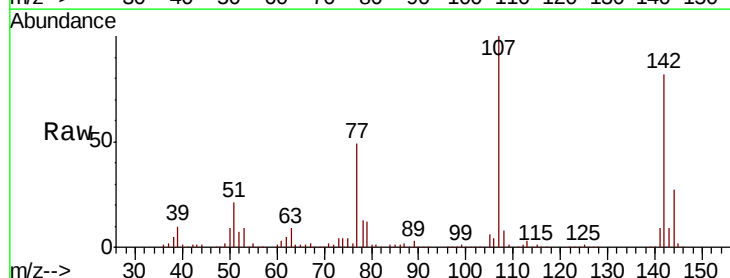
Tgt Ion:107 Resp: 404366

Ion Ratio Lower Upper

107 100

144 27.0 20.0 30.0

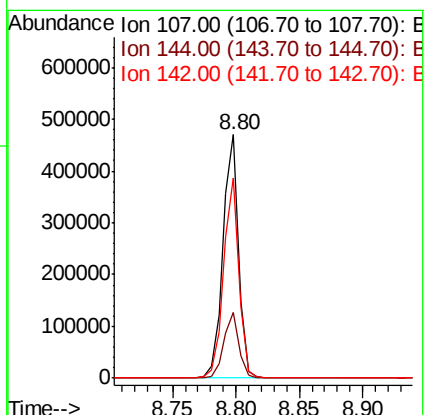
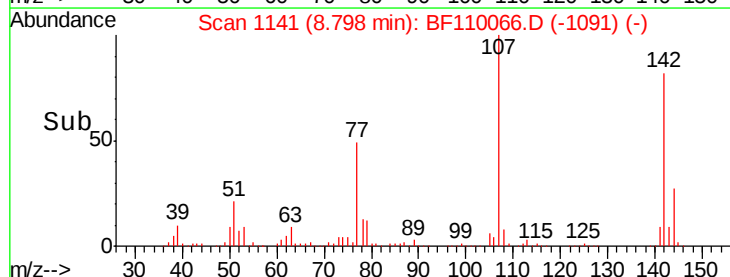
142 82.2 59.7 89.5

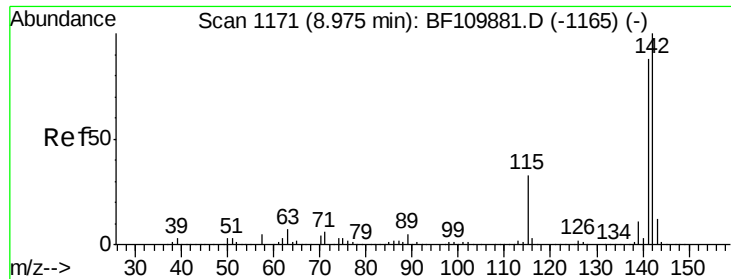


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

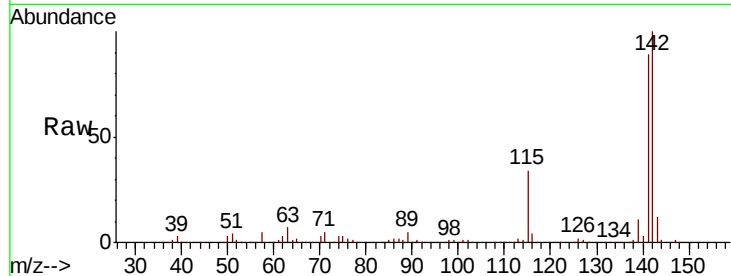




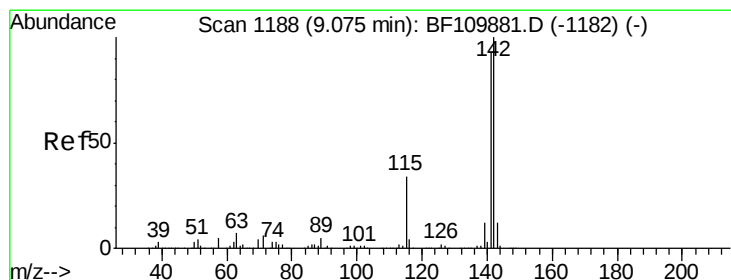
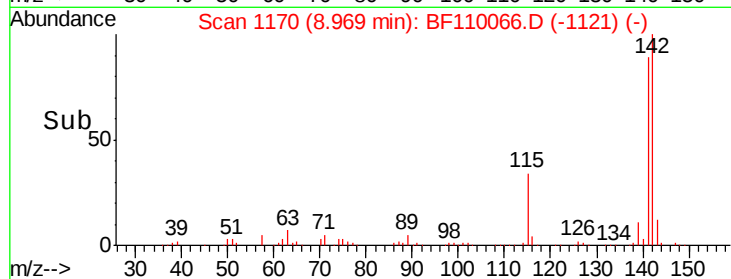
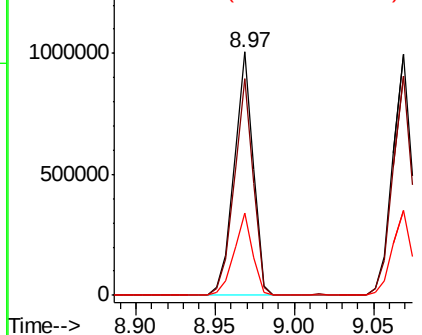
#37
 2-Methylnaphthalene
 Concen: 39.741 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BF110066.D
 Acq: 22 Oct 2018 23:56

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.4	107.2
115	33.9	28.7	43.1

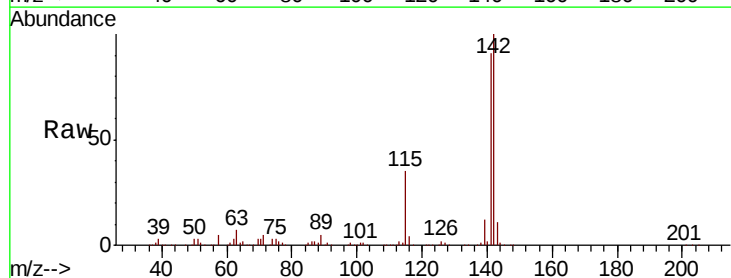


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

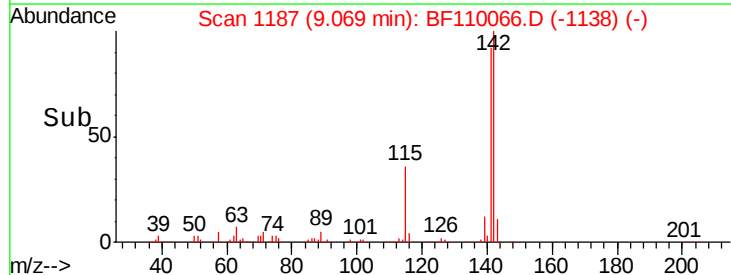
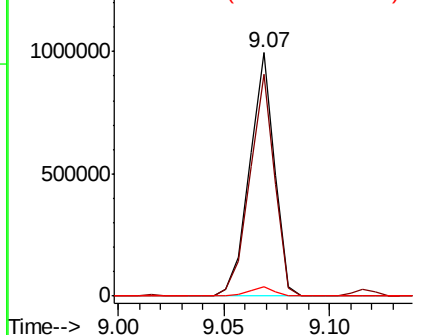


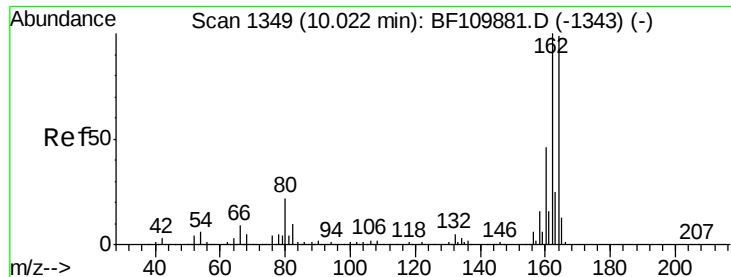
#38
 1-Methylnaphthalene
 Concen: 39.793 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF110066.D
 Acq: 22 Oct 2018 23:56

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.1	74.2	111.4
116	3.8	2.6	4.0



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: 10.02 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF110066.D

Acq: 22 Oct 2018 23:56

Instrument :

BNA_F

ClientSampled :

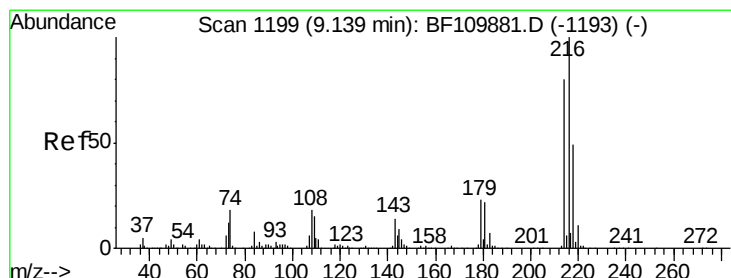
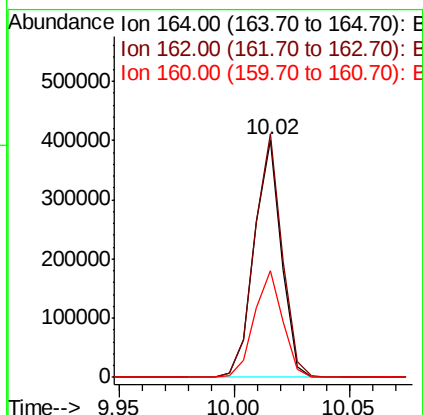
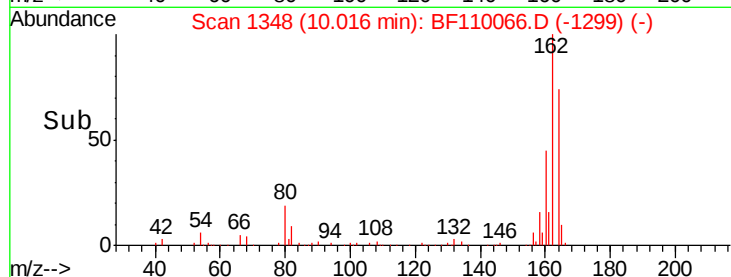
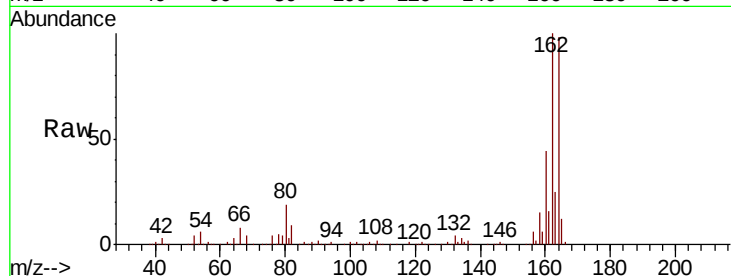
Tot Ion:164 Resp: 330272

Ion Ratio Lower Upper

164 100

162 102.5 83.0 124.6

160 45.0 37.0 55.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.483 ng

RT: 9.13 min Scan# 1198

Delta R.T. -0.01 min

Lab File: BF110066.D

Acq: 22 Oct 2018 23:56

Tgt Ion:216 Resp: 411825

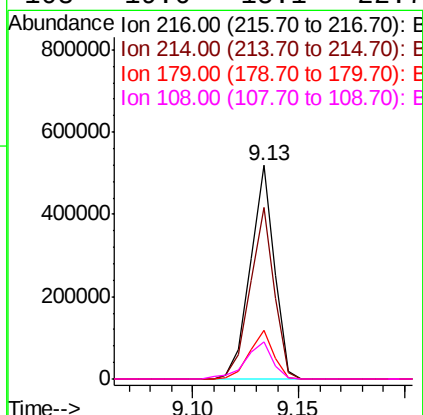
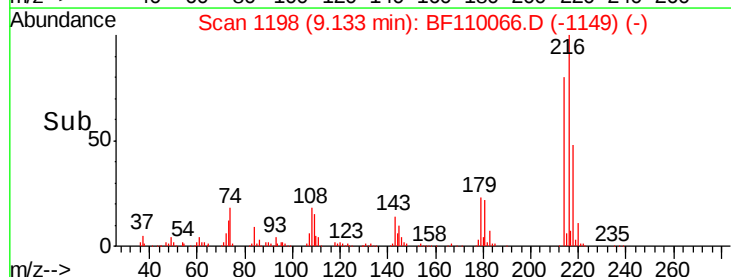
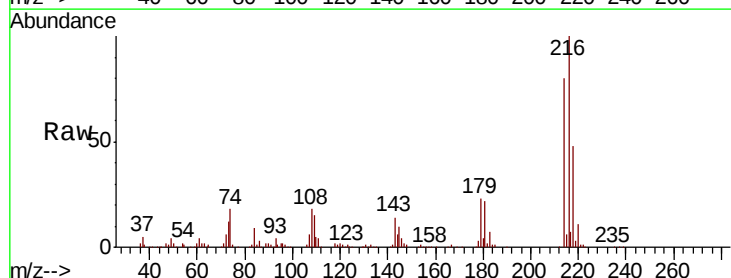
Ion Ratio Lower Upper

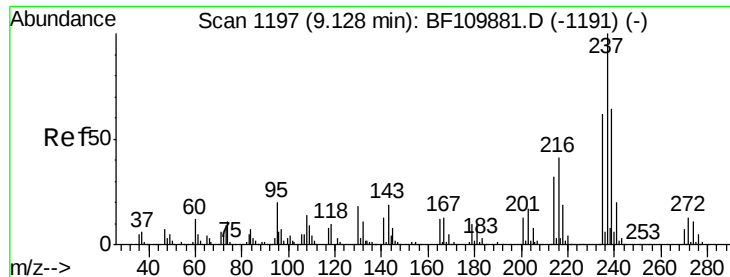
216 100

214 80.4 63.8 95.6

179 22.9 16.6 25.0

108 19.6 15.1 22.7





#41

Hexachlorocyclopentadiene

Concen: 34.278 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BF110066.D

Acq: 22 Oct 2018 23:56

Instrument :

BNA_F

ClientSampleId :

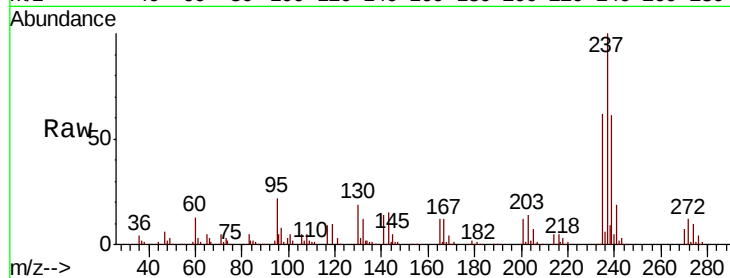
Tot Ion:237 Resp: 168304

Ion Ratio Lower Upper

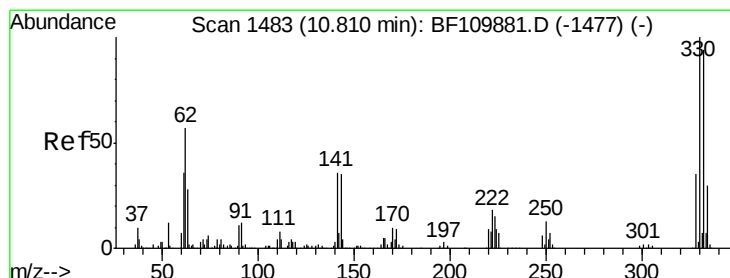
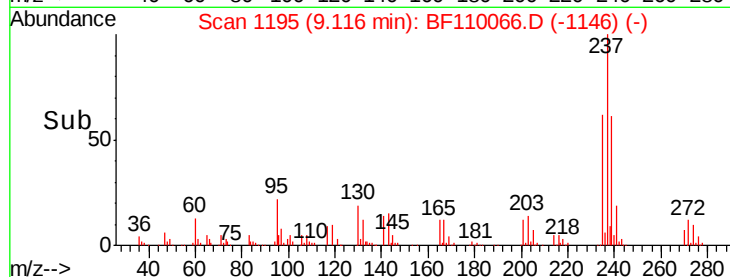
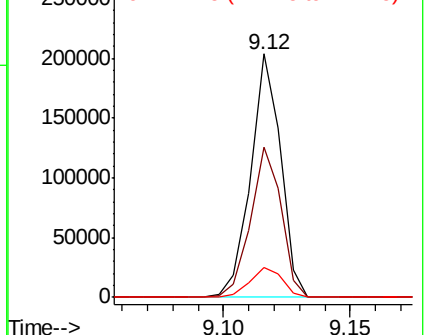
237 100

235 61.9 43.1 83.1

272 12.3 0.0 32.6



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: 86.403 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BF110066.D

Acq: 22 Oct 2018 23:56

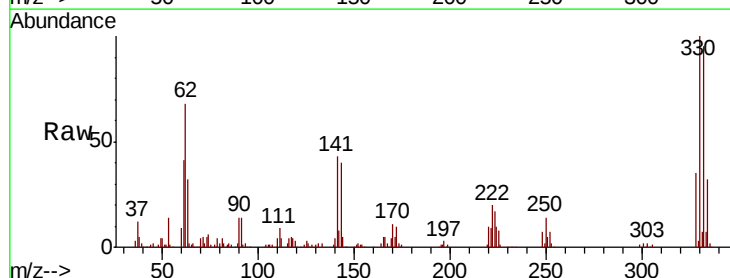
Tgt Ion:330 Resp: 247060

Ion Ratio Lower Upper

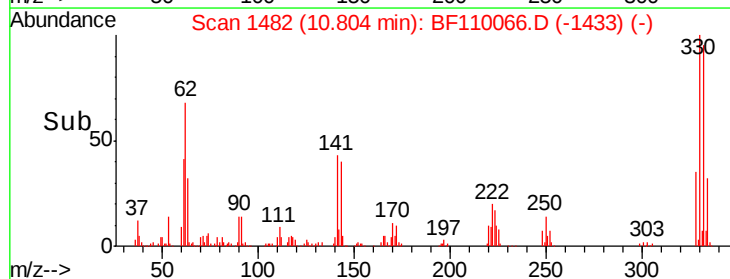
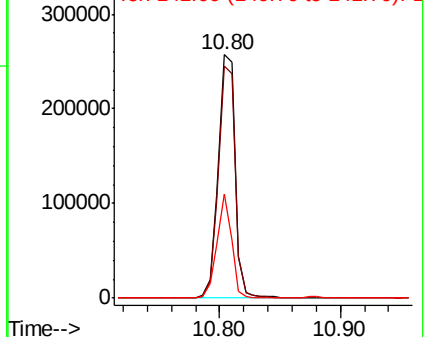
330 100

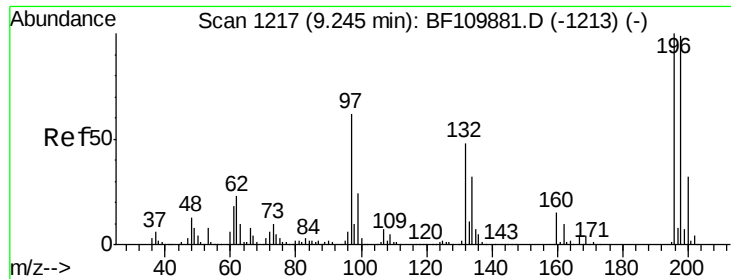
332 95.7 77.1 115.7

141 36.7 27.0 40.4



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

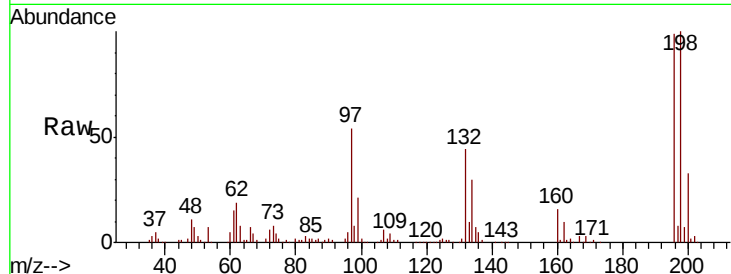




#43
 2,4,6-Trichlorophenol
 Concen: 41.600 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF110066.D
 Acq: 22 Oct 2018 23:56

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	196	Resp	264614
Ion	Ratio	Lower	Upper
196	100		
198	100.8	76.2	114.4
200	33.1	24.4	36.6

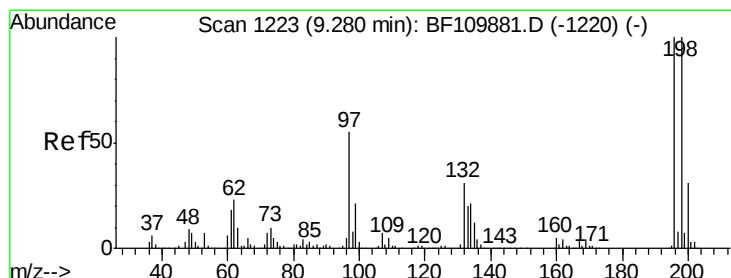
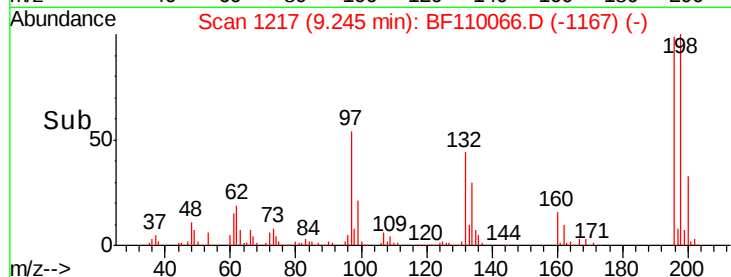
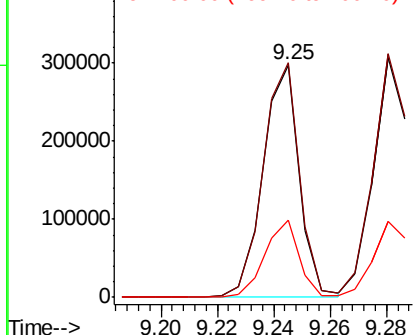


Abundance

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: 40.898 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF110066.D
 Acq: 22 Oct 2018 23:56

Tgt Ion	196	Resp	270004
Ion	Ratio	Lower	Upper
196	100		
198	101.8	75.8	113.6
97	56.4	42.4	63.6
132	32.1	22.8	34.2

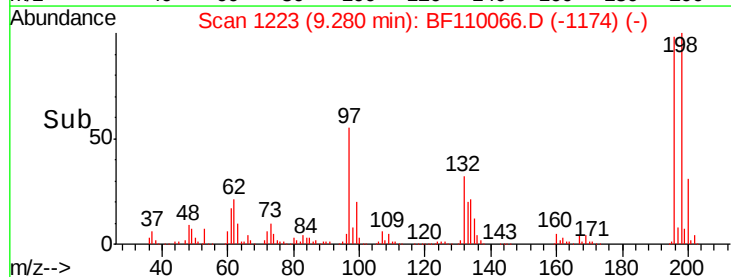
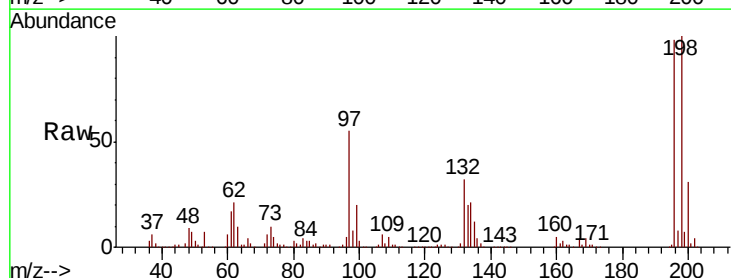
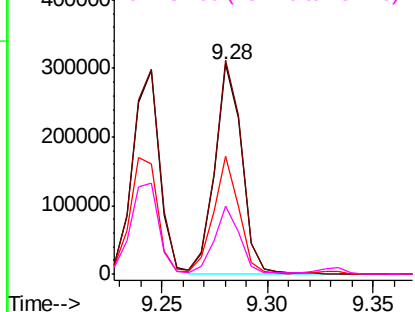
Abundance

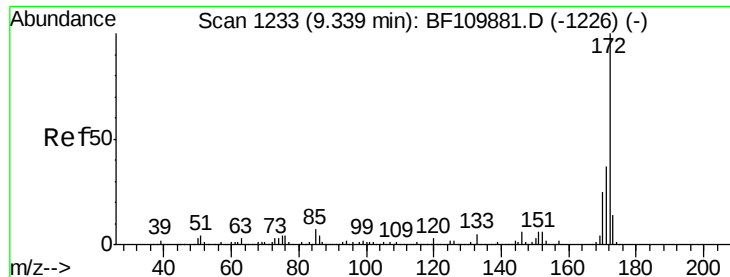
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

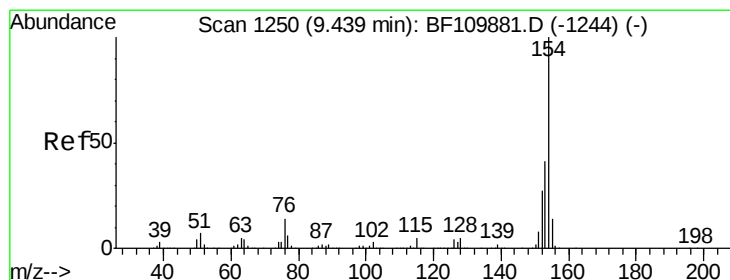
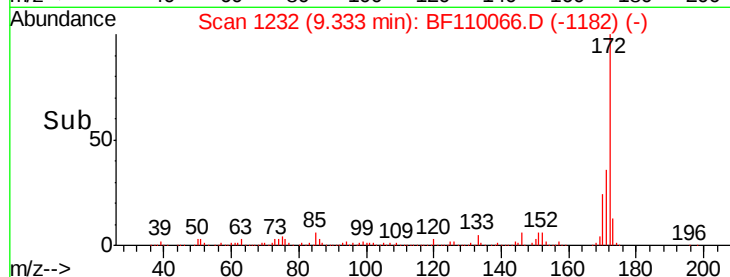
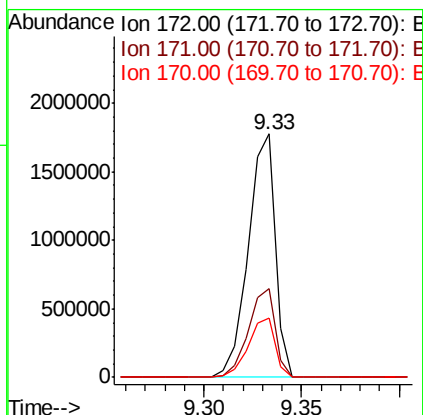
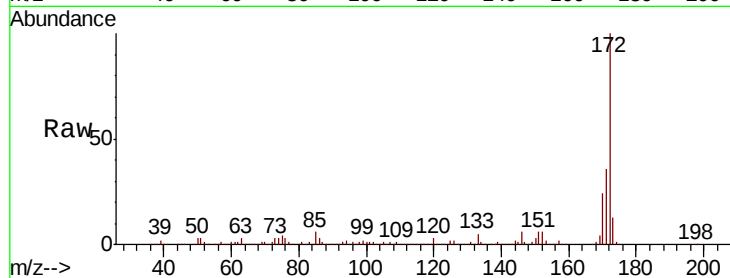




#45
2-Fluorobiphenyl
Concen: 82.178 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF110066.D
Acq: 22 Oct 2018 23:56

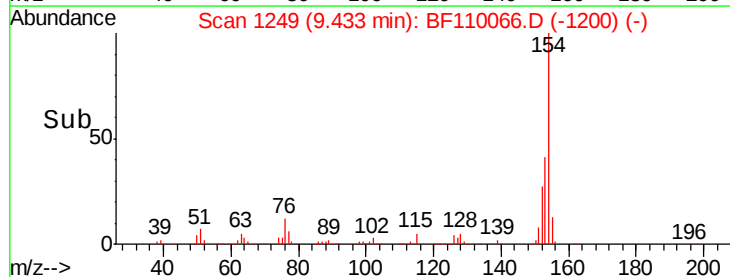
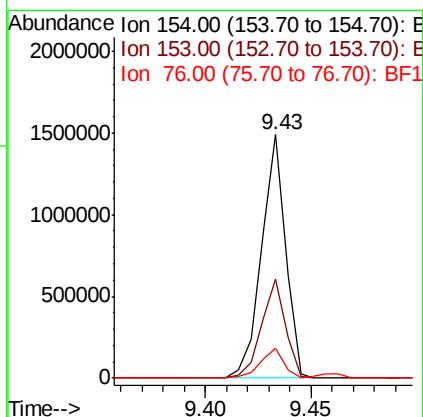
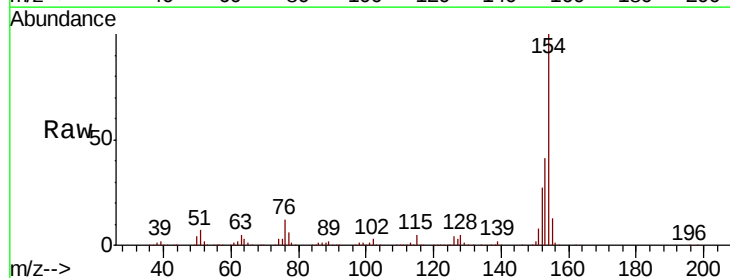
Instrument :
BNA_F
ClientSampleId :

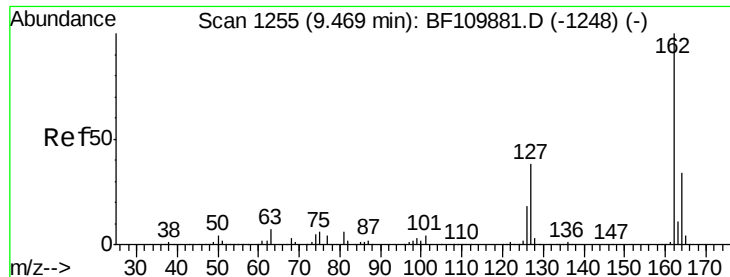
Tot Ion:172 Resp: 1700947
Ion Ratio Lower Upper
172 100
171 36.4 28.6 43.0
170 24.2 19.7 29.5



#46
1,1'-Biphenyl
Concen: 40.116 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.01 min
Lab File: BF110066.D
Acq: 22 Oct 2018 23:56

Tgt Ion:154 Resp: 1180445
Ion Ratio Lower Upper
154 100
153 40.6 20.4 60.4
76 12.2 0.0 31.9

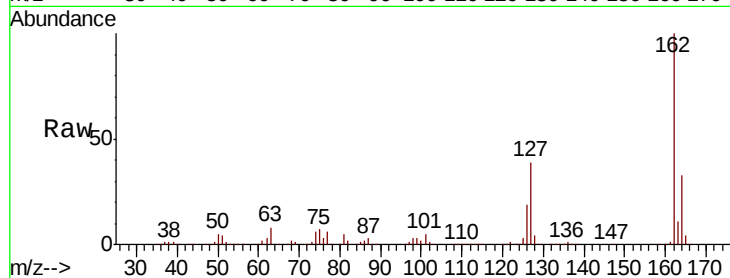




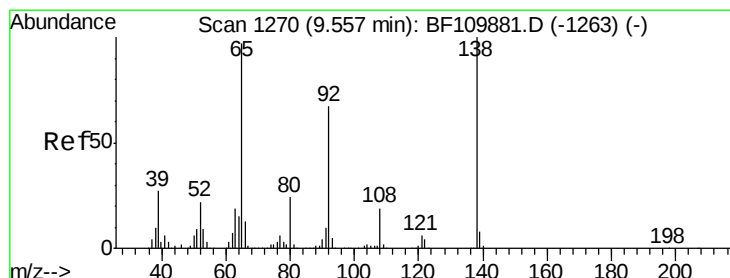
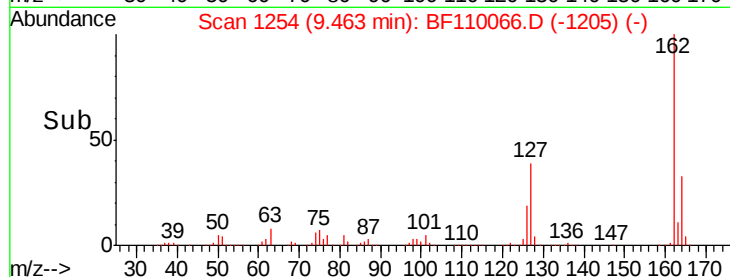
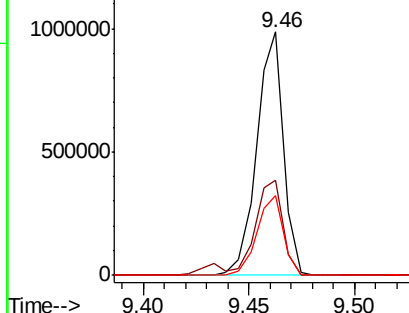
#47
 2-Chloronaphthalene
 Concen: 39.838 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. -0.01 min
 Lab File: BF110066.D
 Acq: 22 Oct 2018 23:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.2	32.6	48.8
164	32.7	25.9	38.9

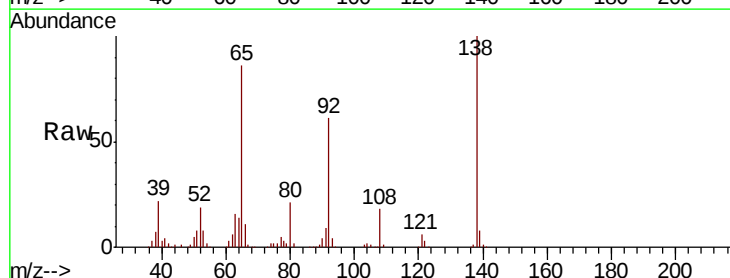


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

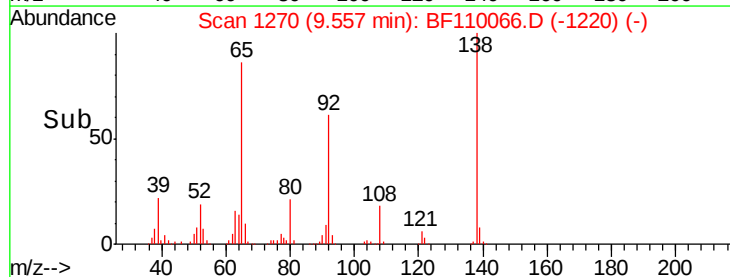
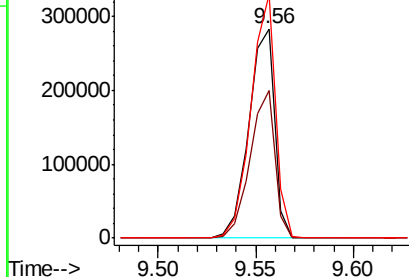


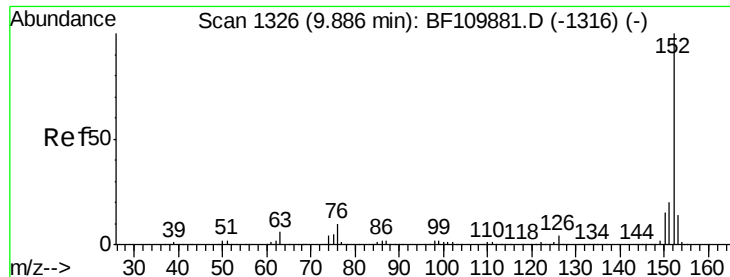
#48
 2-Nitroaniline
 Concen: 46.824 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. -0.01 min
 Lab File: BF110066.D
 Acq: 22 Oct 2018 23:56

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.3	54.6	81.8
138	116.3	80.3	120.5



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: 39.073 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF110066.D

Acq: 22 Oct 2018 23:56

Instrument :

BNA_F

ClientSampleId :

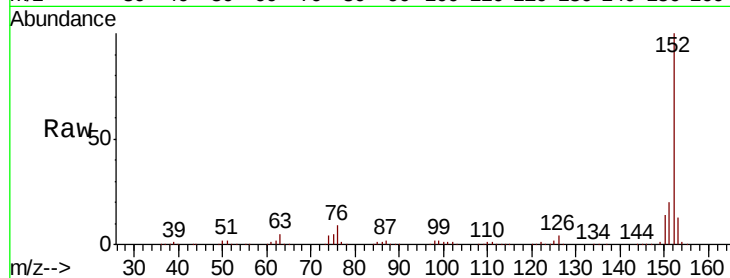
Tot Ion:152 Resp: 1230323

Ion Ratio Lower Upper

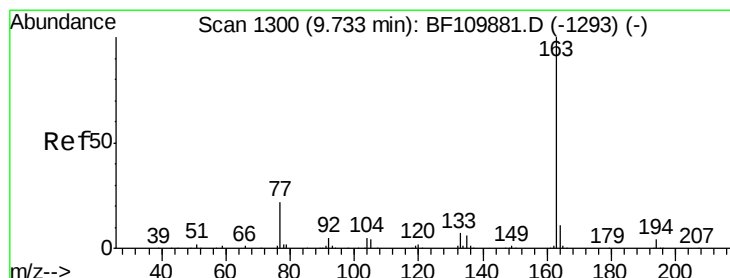
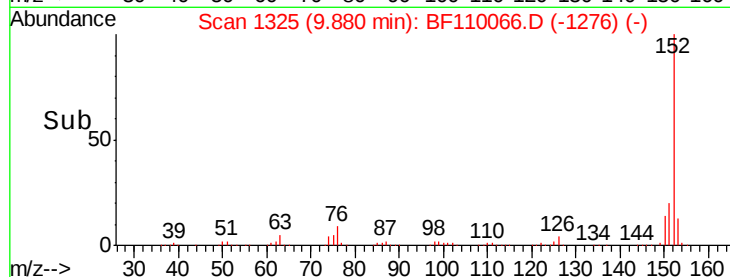
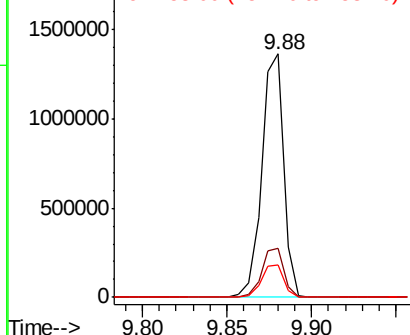
152 100

151 20.0 15.8 23.8

153 13.5 10.4 15.6



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: 40.476 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF110066.D

Acq: 22 Oct 2018 23:56

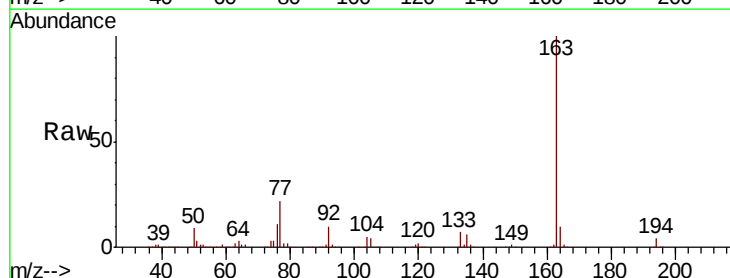
Tgt Ion:163 Resp: 946578

Ion Ratio Lower Upper

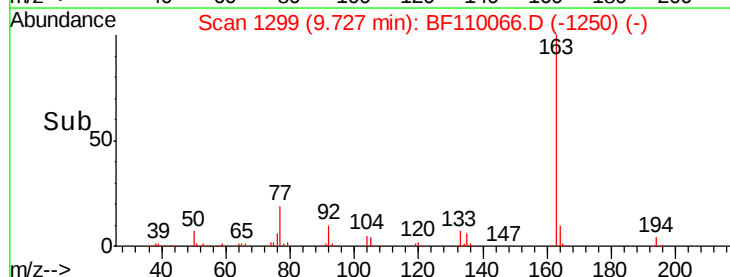
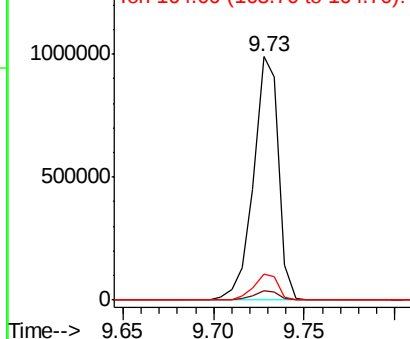
163 100

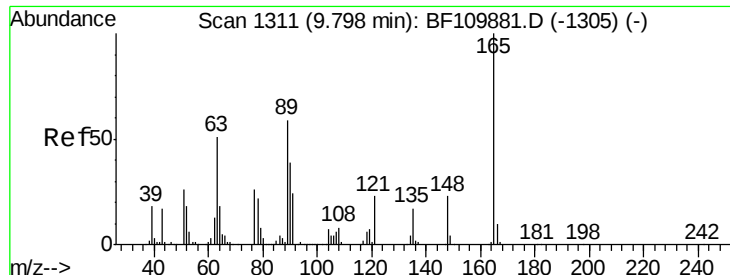
194 3.7 3.2 4.8

164 10.5 8.1 12.1



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

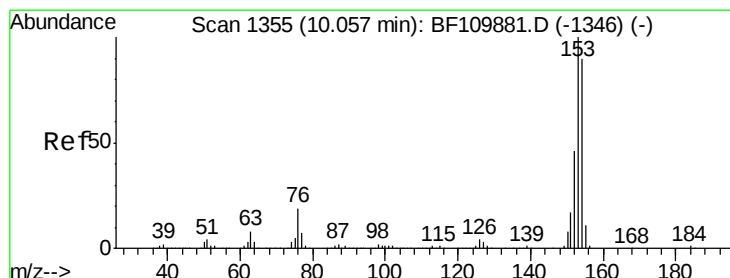
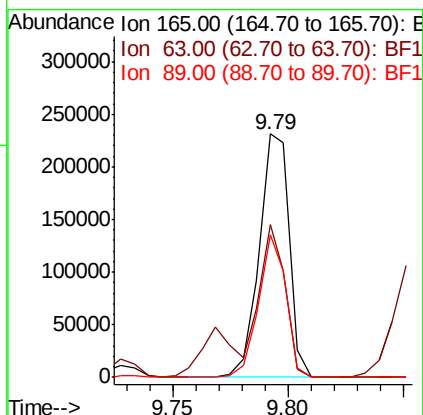
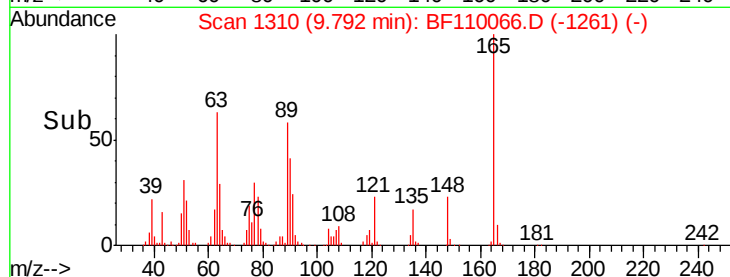
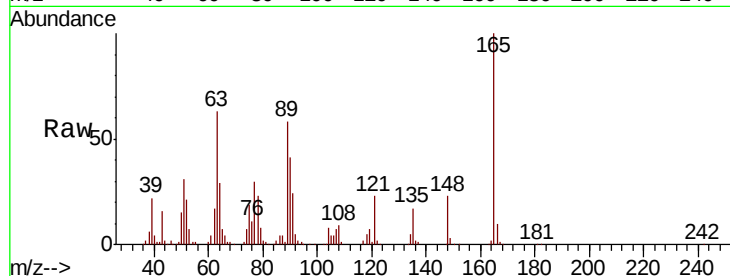




#51
2,6-Dinitrotoluene
Concen: 47.219 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF110066.D
Acq: 22 Oct 2018 23:56

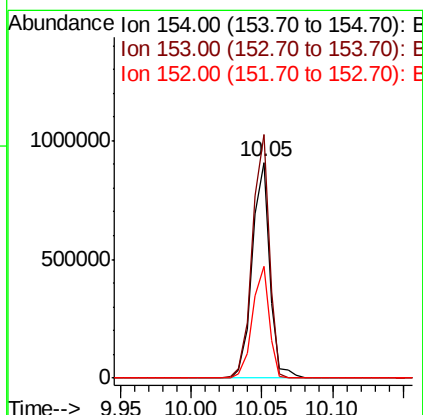
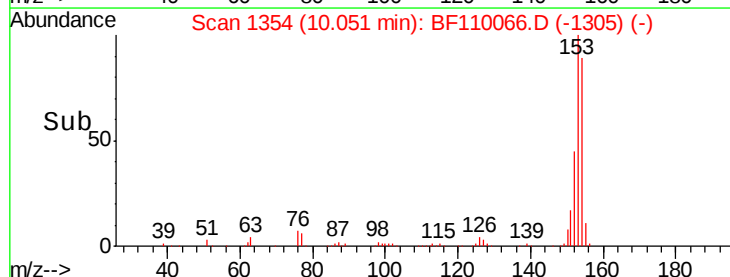
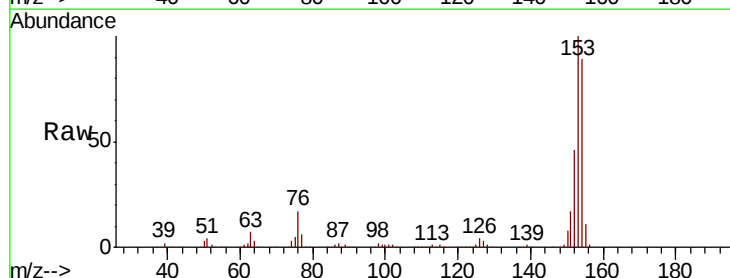
Instrument :
BNA_F
ClientSampleId :

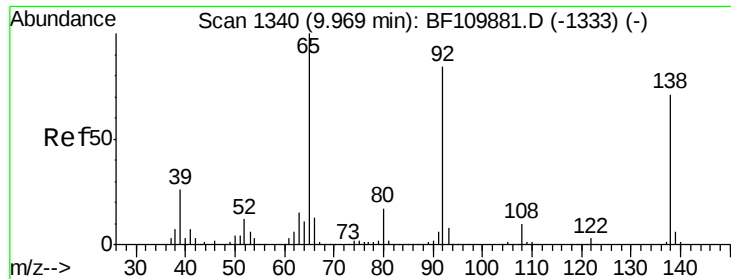
Tot Ion:165 Resp: 209740
Ion Ratio Lower Upper
165 100
63 62.8 48.9 73.3
89 58.3 46.6 69.8



#52
Acenaphthene
Concen: 39.723 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.01 min
Lab File: BF110066.D
Acq: 22 Oct 2018 23:56

Tgt Ion:154 Resp: 796315
Ion Ratio Lower Upper
154 100
153 113.0 90.1 135.1
152 51.7 43.4 65.2

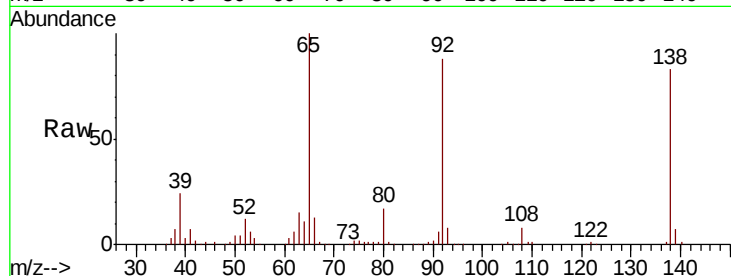




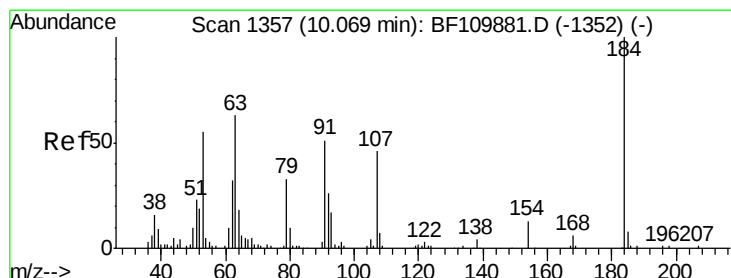
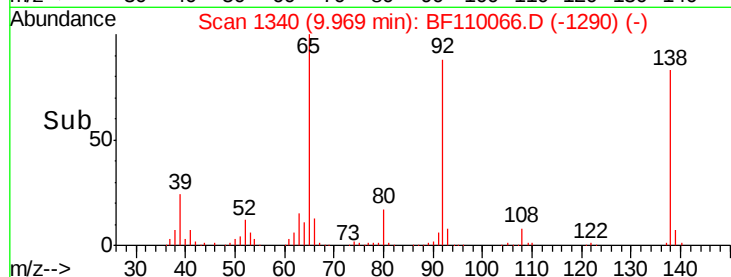
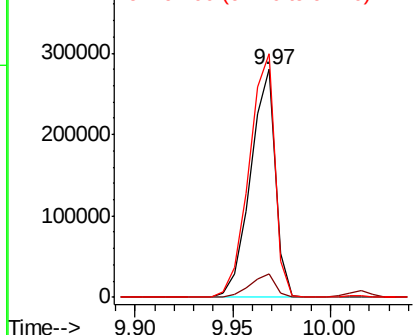
#53
3-Nitroaniline
Concen: 45.925 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF110066.D
Acq: 22 Oct 2018 23:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 248143
Ion Ratio Lower Upper
138 100
108 10.2 8.7 13.1
92 106.7 97.0 145.4

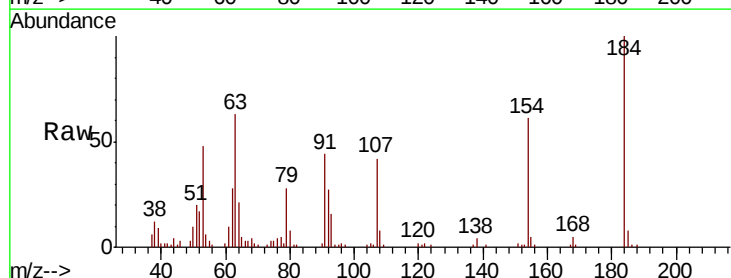


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

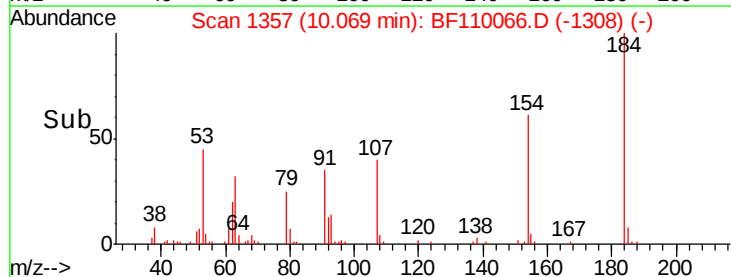
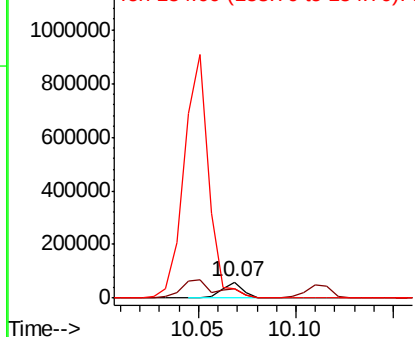


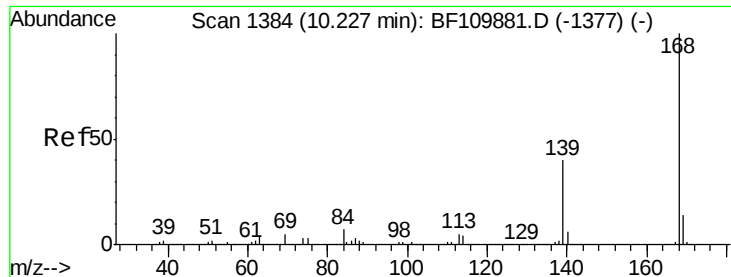
#54
2,4-Dinitrophenol
Concen: 36.592 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF110066.D
Acq: 22 Oct 2018 23:56

Tgt Ion:184 Resp: 44081
Ion Ratio Lower Upper
184 100
63 62.6 55.8 83.6
154 61.2 63.2 94.8#



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

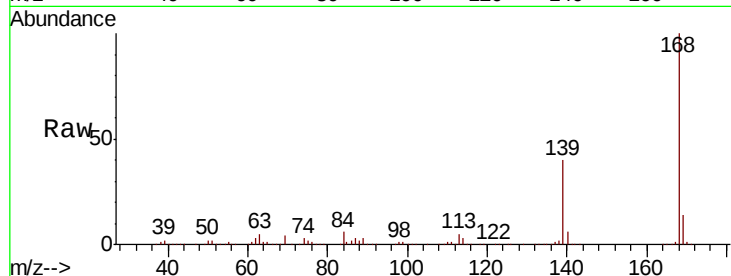




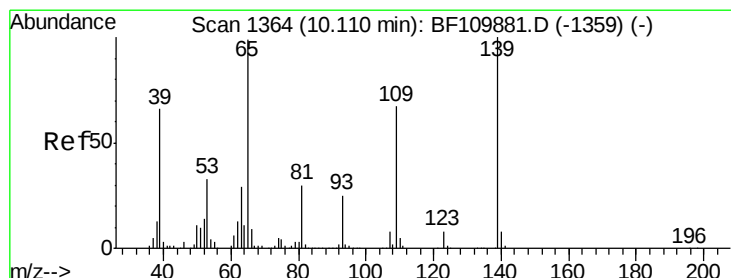
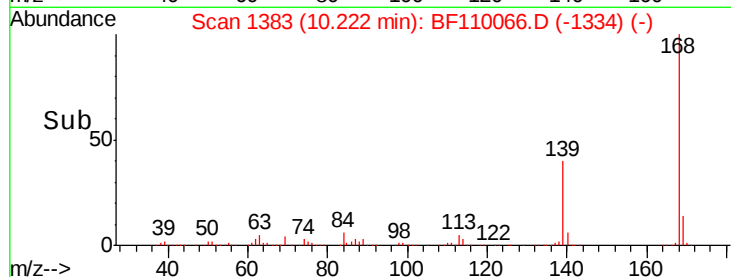
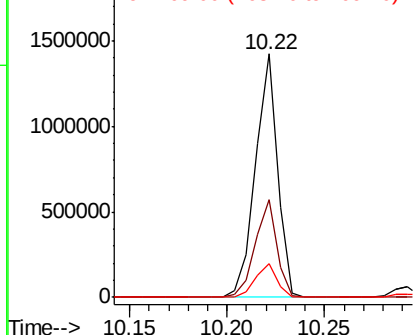
#55
Dibenzenofuran
Concen: 39.131 ng
RT: 10.22 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BF110066.D
Acq: 22 Oct 2018 23:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1118738
Ion Ratio Lower Upper
168 100
139 39.9 33.0 49.6
169 13.7 11.3 16.9

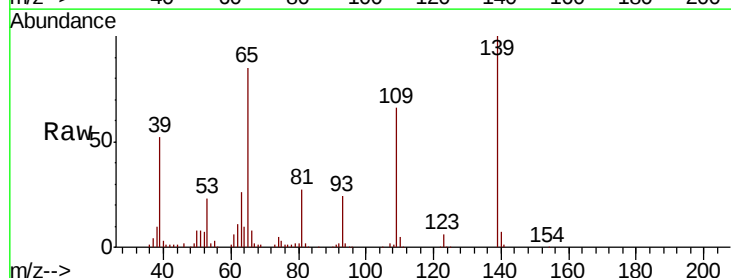


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

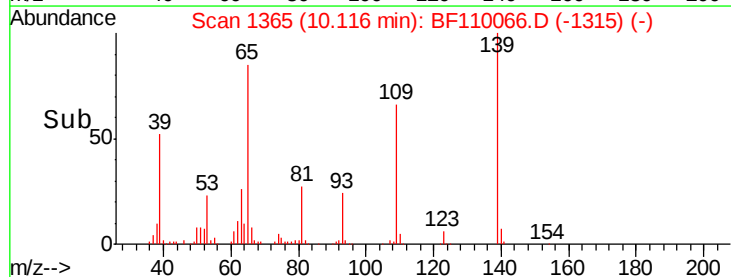
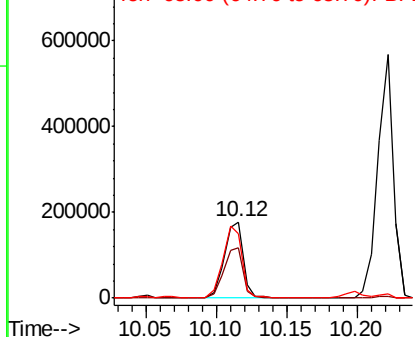


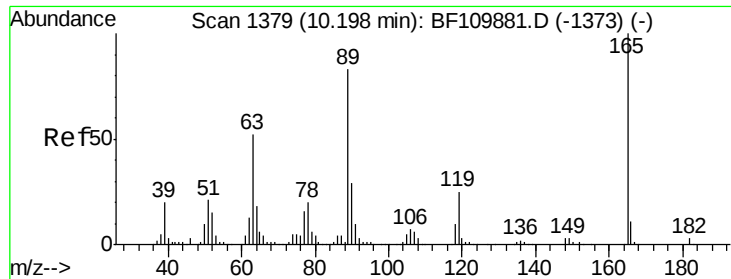
#56
4-Nitrophenol
Concen: 40.444 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF110066.D
Acq: 22 Oct 2018 23:56

Tgt Ion:139 Resp: 166743
Ion Ratio Lower Upper
139 100
109 66.0 55.8 95.8
65 85.4 77.9 117.9



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

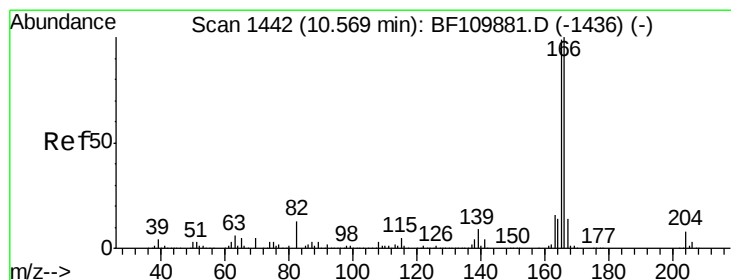
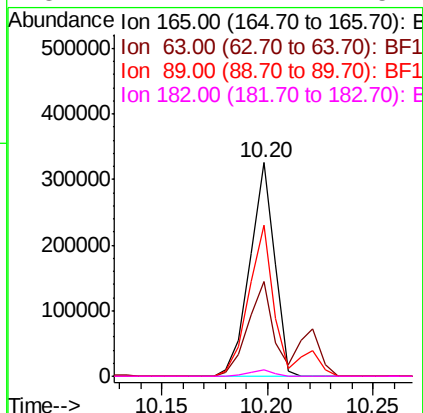
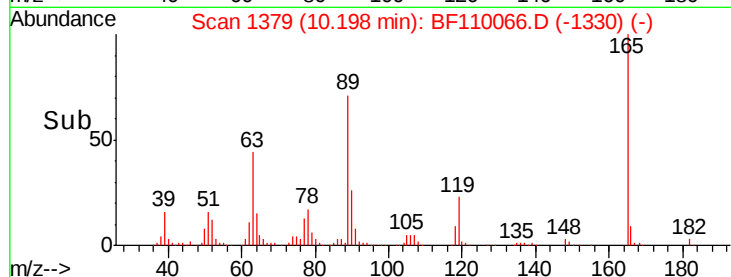
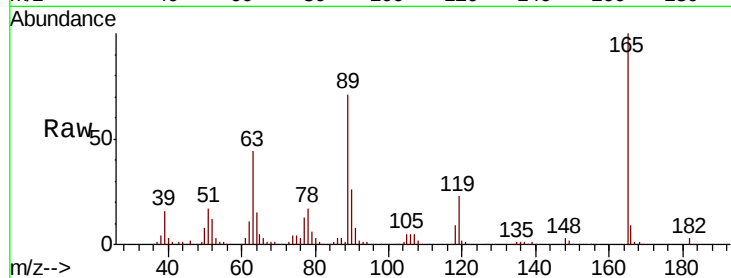




#57
2,4-Dinitrotoluene
Concen: 47.596 ng
RT: 10.20 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BF110066.D
Acq: 22 Oct 2018 23:56

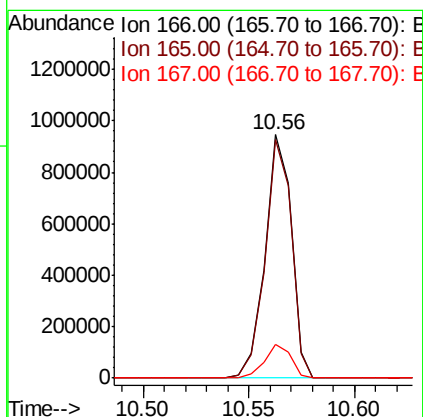
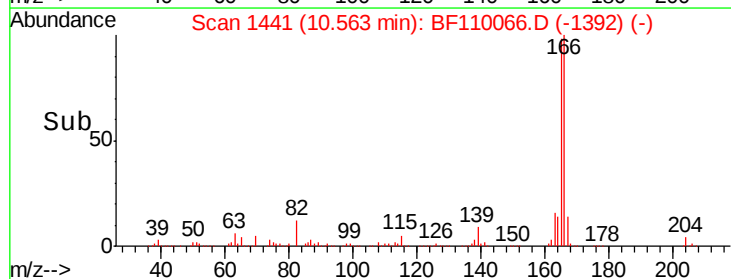
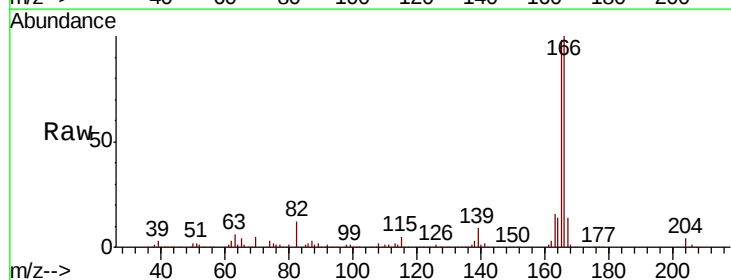
Instrument :
BNA_F
ClientSampled :

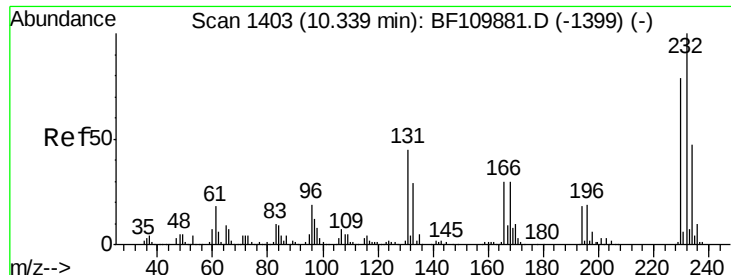
Tot Ion	Ratio	Lower	Upper
165	100		
63	44.4	44.8	67.2#
89	70.9	62.2	93.4
182	2.7	2.1	3.1



#58
Fluorene
Concen: 39.691 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF110066.D
Acq: 22 Oct 2018 23:56

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.6	117.8
167	13.8	10.8	16.2

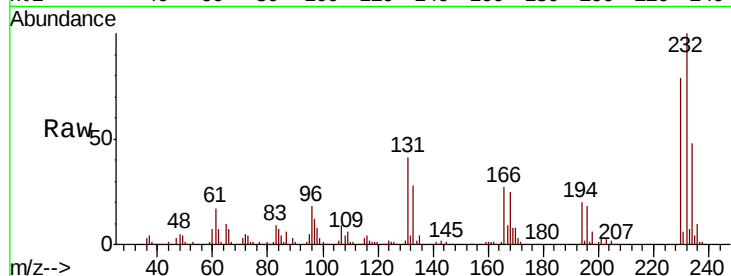




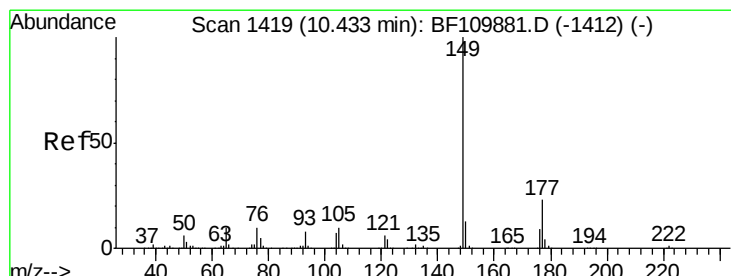
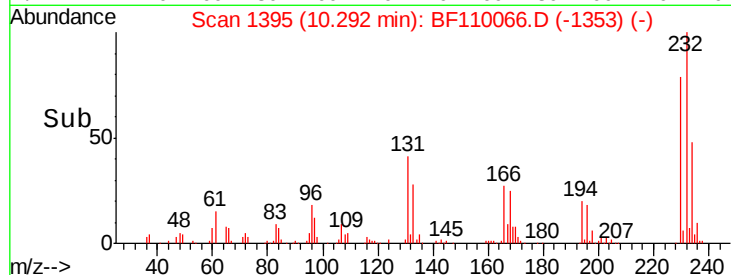
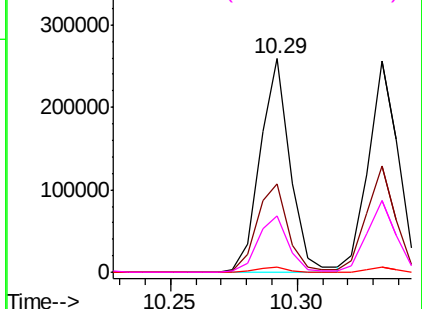
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.835 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.05 min
Lab File: BF110066.D
Acq: 22 Oct 2018 23:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.9	37.0	55.4
130	2.3	1.8	2.6
166	27.0	22.0	33.0

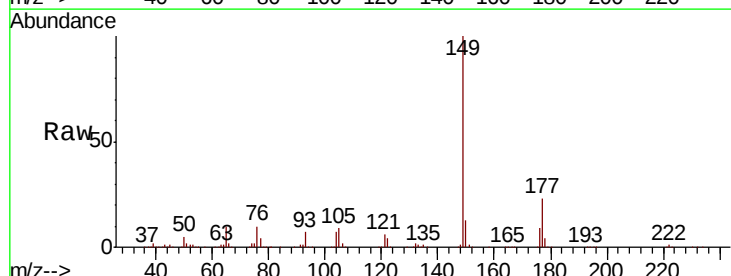


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

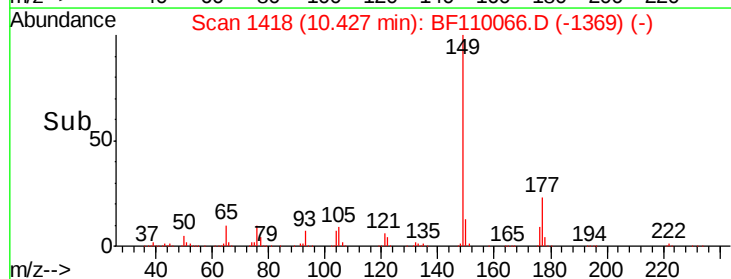
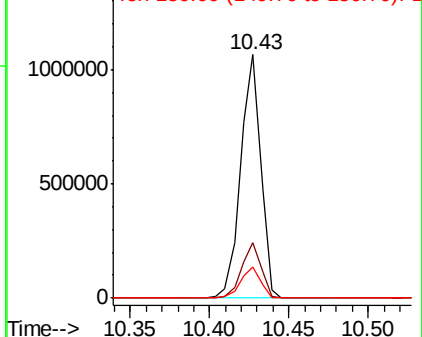


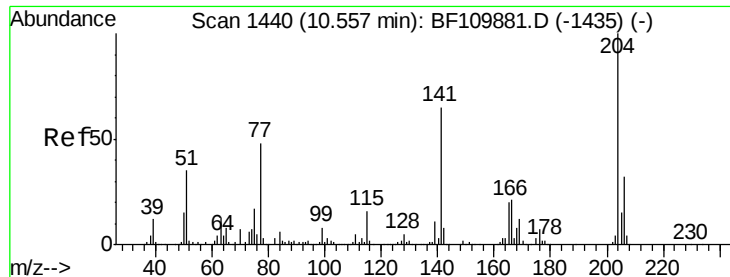
#60
Diethylphthalate
Concen: 40.235 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF110066.D
Acq: 22 Oct 2018 23:56

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.7	17.4	26.2
150	12.7	9.8	14.8



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

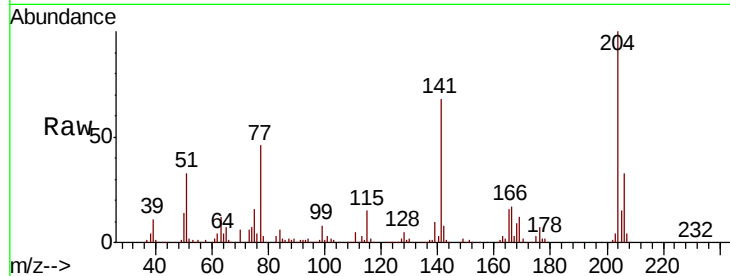




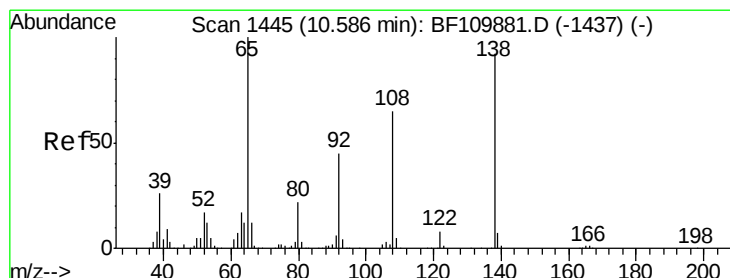
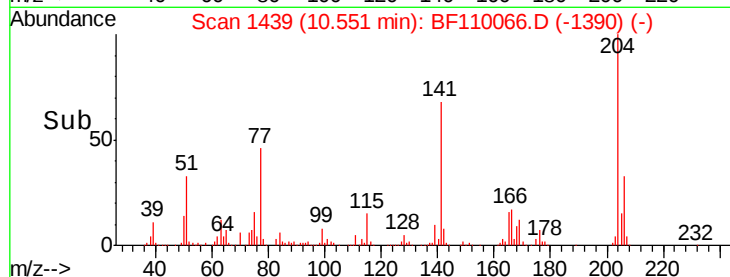
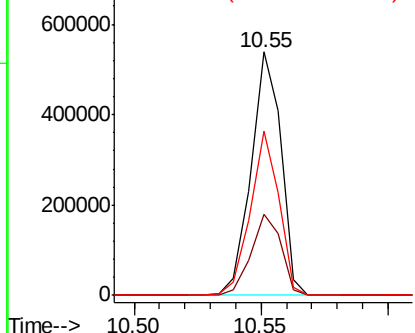
#61
4-Chlorophenyl-phenylether
Concen: 40.906 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF110066.D
Acq: 22 Oct 2018 23:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 443462
Ion Ratio Lower Upper
204 100
206 33.3 26.5 39.7
141 67.7 51.8 77.8

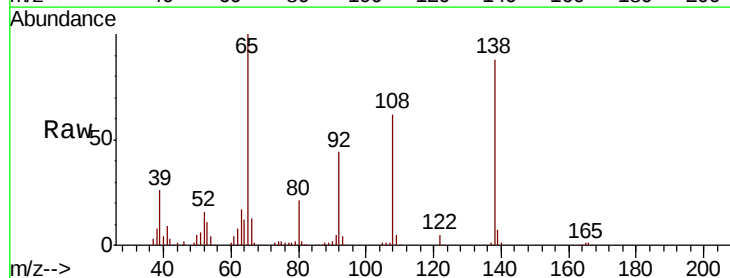


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

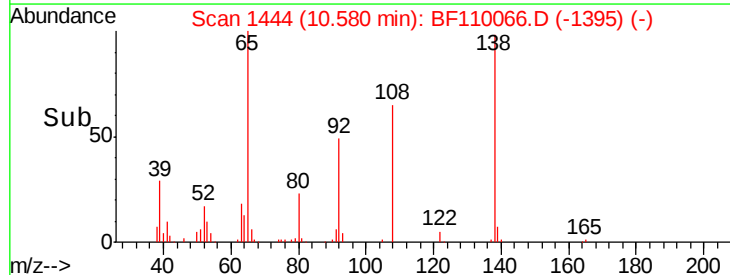
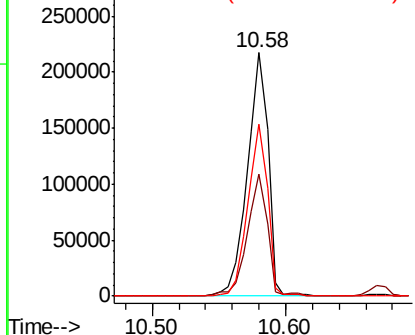


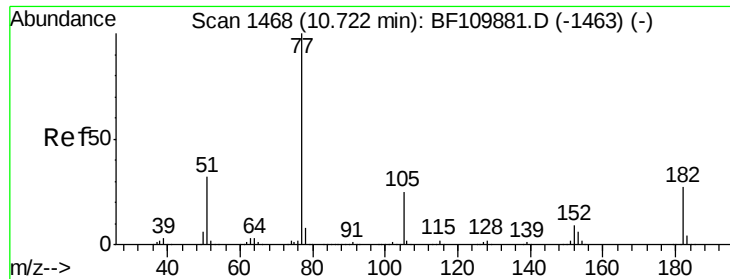
#62
4-Nitroaniline
Concen: 45.034 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF110066.D
Acq: 22 Oct 2018 23:56

Tgt Ion:138 Resp: 230336
Ion Ratio Lower Upper
138 100
92 50.3 31.7 71.7
108 70.6 59.3 99.3



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

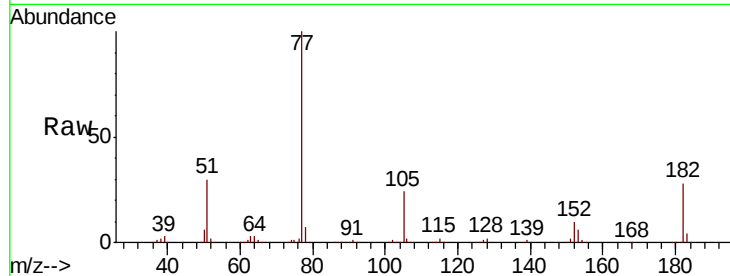




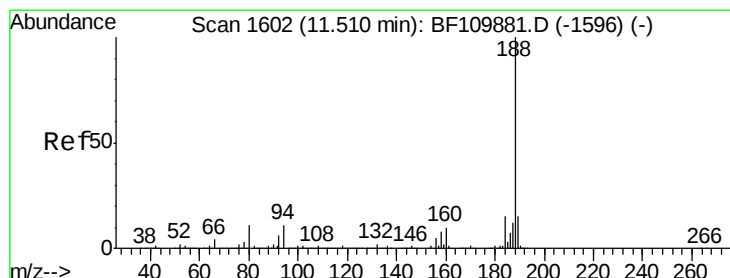
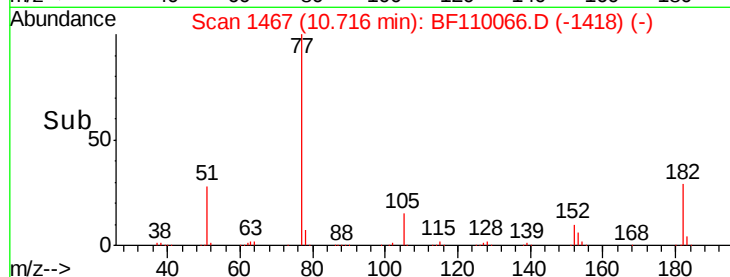
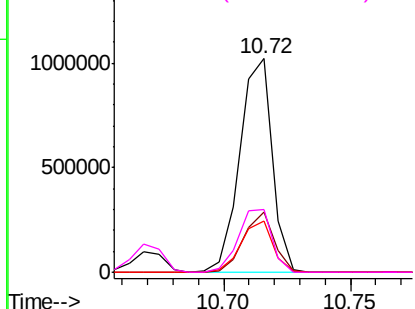
#63
Azobenzene
Concen: 37.586 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF110066.D
Acq: 22 Oct 2018 23:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	77	Resp:	906968
Ion	Ratio	Lower	Upper
77	100		
182	28.2	4.3	44.3
105	23.8	1.3	41.3
51	29.6	9.0	49.0

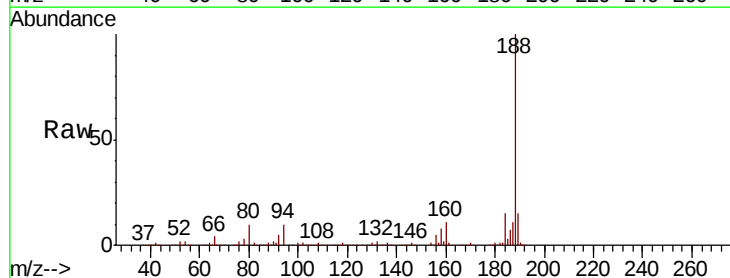


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

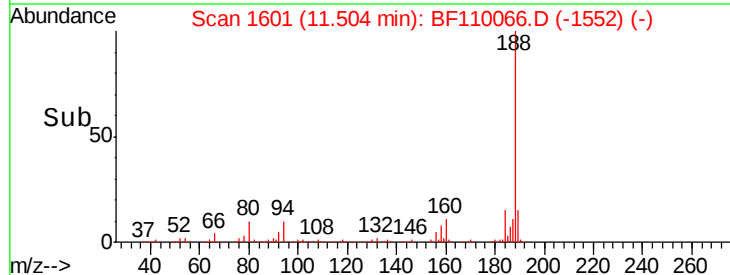
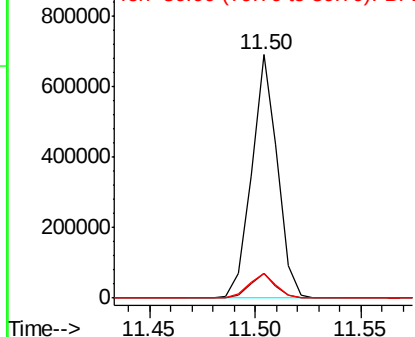


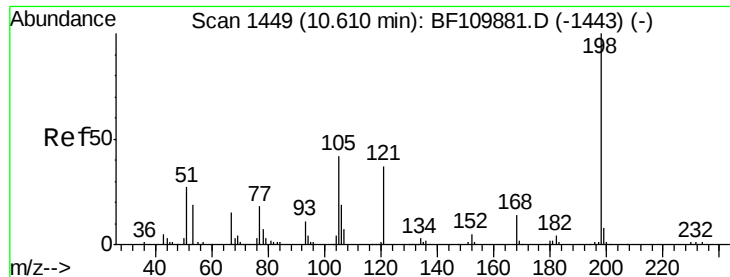
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110066.D
Acq: 22 Oct 2018 23:56

Tgt Ion:	188	Resp:	580423
Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.2	10.8
80	10.3	7.9	11.9



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

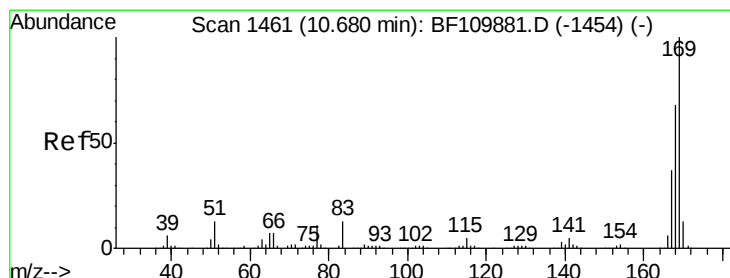
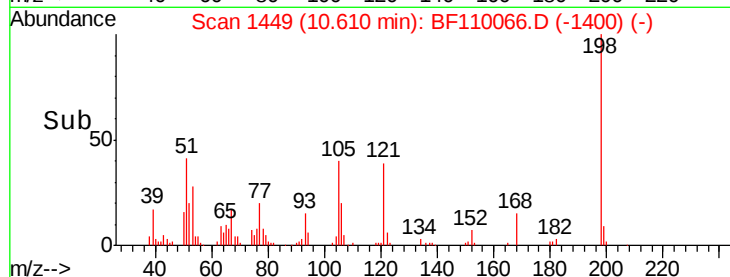
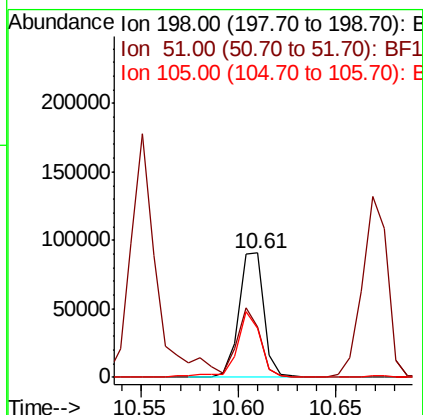
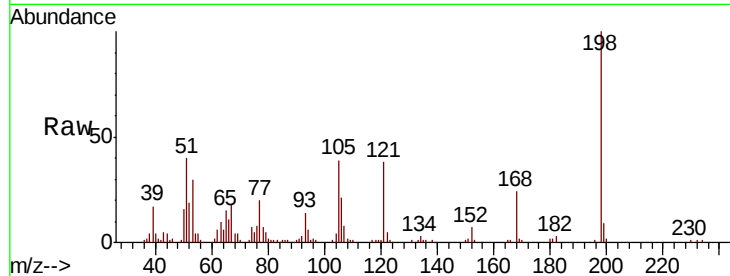




#65
4,6-Dinitro-2-methylphenol
Concen: 40.201 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.01 min
Lab File: BF110066.D
Acq: 22 Oct 2018 23:56

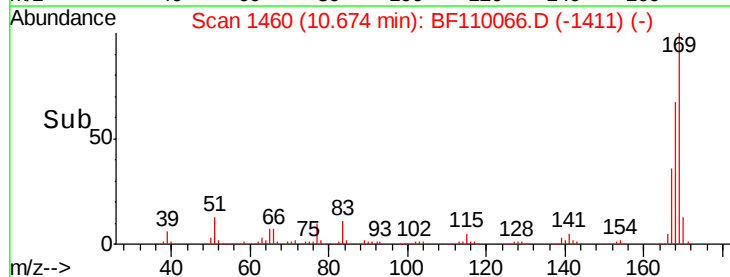
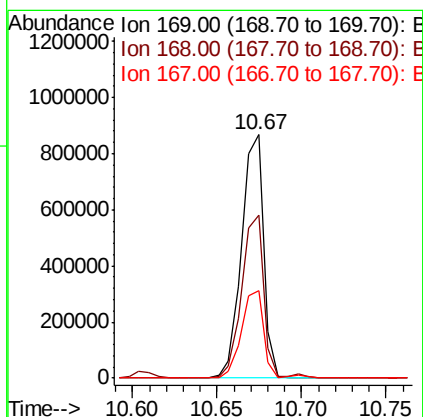
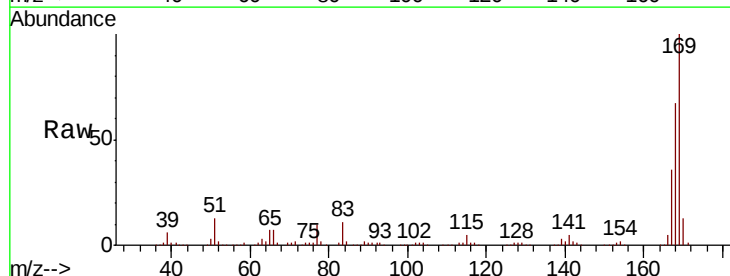
Instrument :
BNA_F
ClientSampled :

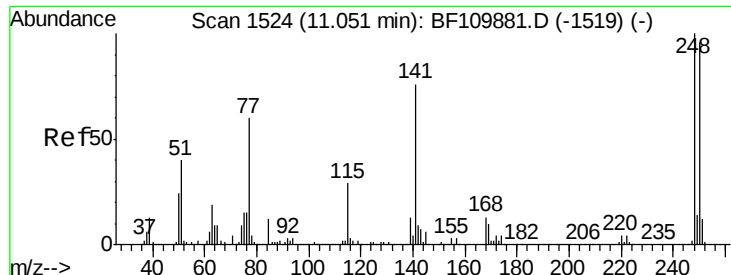
Tot Ion	198	Resp	81300
Ion Ratio	100	Lower	Upper
51	40.0	22.8	62.8
105	39.4	23.6	63.6



#66
n-Nitrosodiphenylamine
Concen: 40.919 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF110066.D
Acq: 22 Oct 2018 23:56

Tgt Ion	169	Resp	791023
Ion Ratio	100	Lower	Upper
168	66.8	51.2	76.8
167	36.1	27.8	41.6

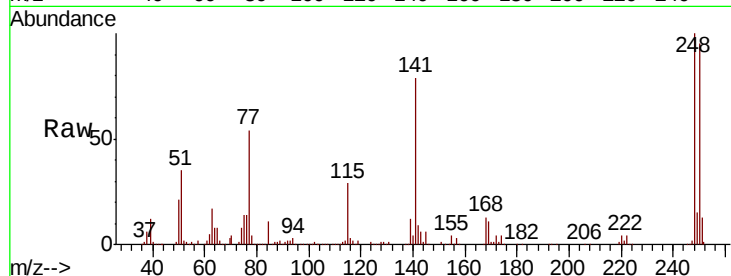




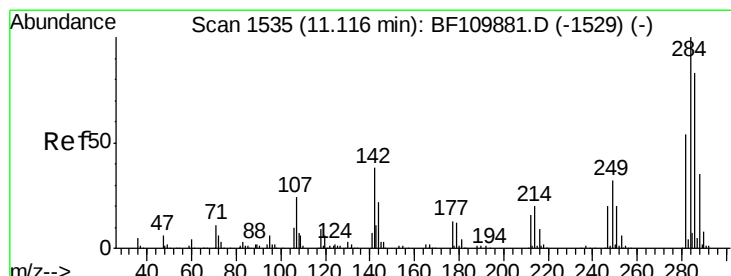
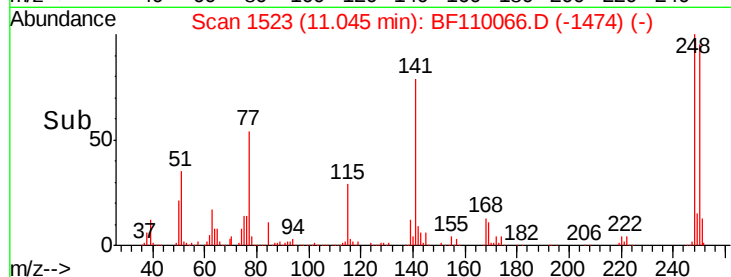
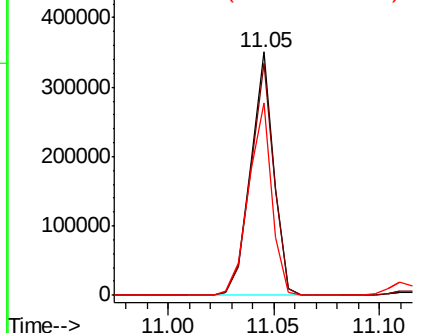
#67
4-Bromophenyl-phenylether
Concen: 42.473 ng
RT: 11.05 min Scan# 1523
Delta R.T. -0.01 min
Lab File: BF110066.D
Acq: 22 Oct 2018 23:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 267166
Ion Ratio Lower Upper
248 100
250 95.4 79.4 119.2
141 78.9 55.9 83.9

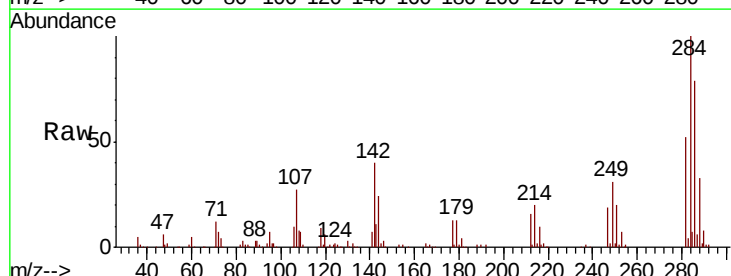


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

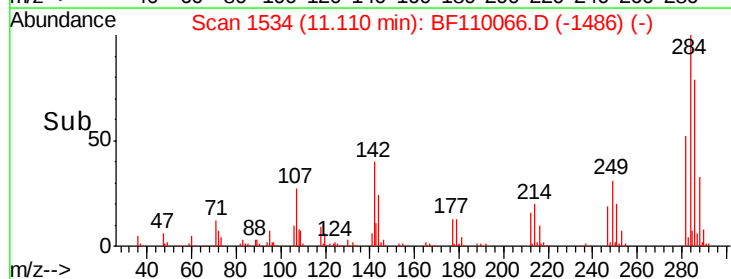
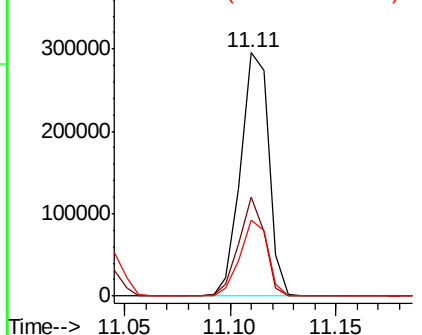


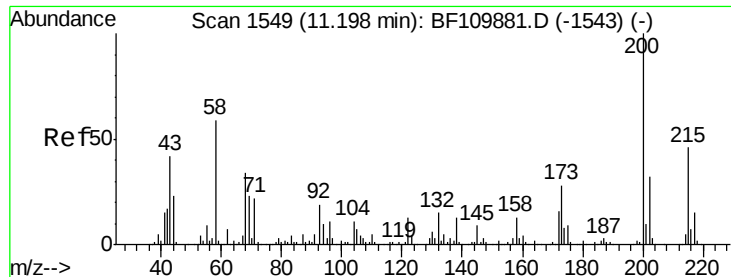
#68
Hexachlorobenzene
Concen: 40.880 ng
RT: 11.11 min Scan# 1534
Delta R.T. -0.02 min
Lab File: BF110066.D
Acq: 22 Oct 2018 23:56

Tgt Ion:284 Resp: 274213
Ion Ratio Lower Upper
284 100
142 40.5 23.9 35.9#
249 31.0 24.2 36.2



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

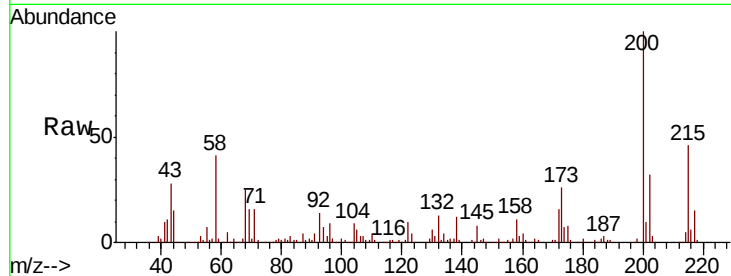




#69
 Atrazine
 Concen: 42.038 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. -0.01 min
 Lab File: BF110066.D
 Acq: 22 Oct 2018 23:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.6	6.6	46.6
215	46.2	26.3	66.3

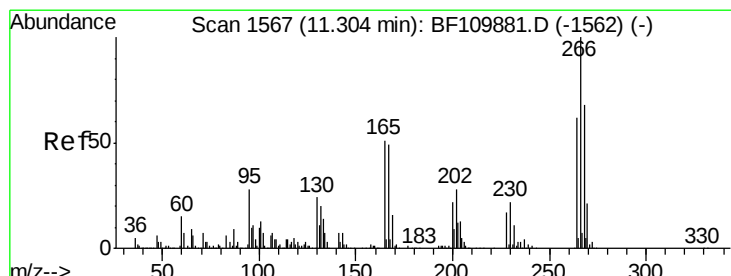
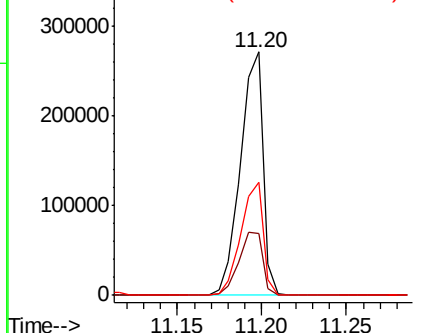
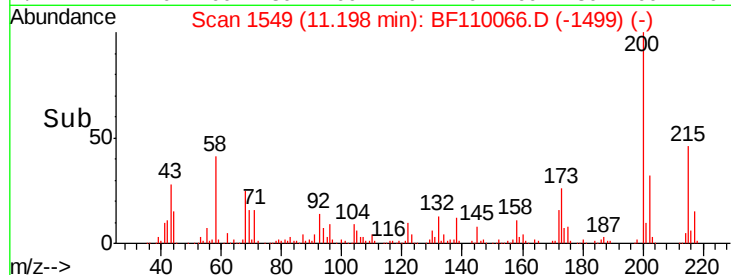


Abundance

Ion 200.00 (199.70 to 200.70): E

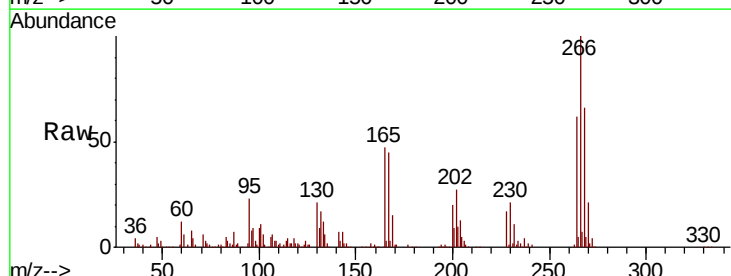
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 39.433 ng
 RT: 11.30 min Scan# 1567
 Delta R.T. -0.01 min
 Lab File: BF110066.D
 Acq: 22 Oct 2018 23:56

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.6	50.6	75.8
264	62.1	50.6	75.8

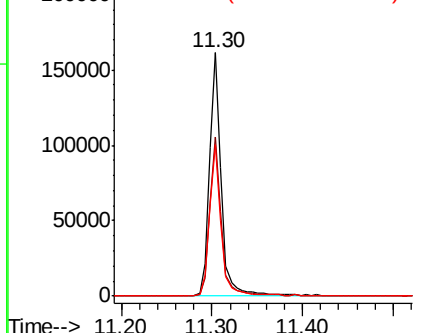
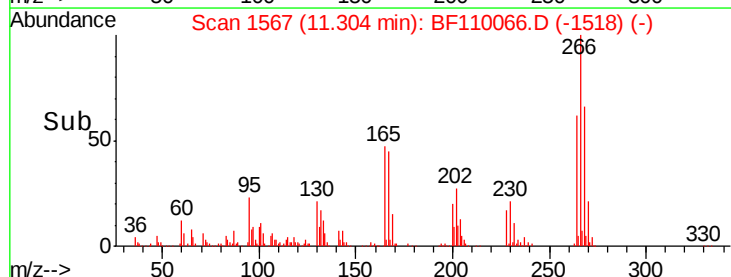


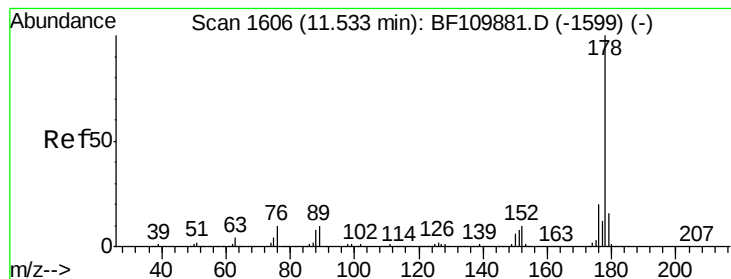
Abundance

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: 39.493 ng

RT: 11.53 min Scan# 1606

Delta R.T. -0.01 min

Lab File: BF110066.D

Acq: 22 Oct 2018 23:56

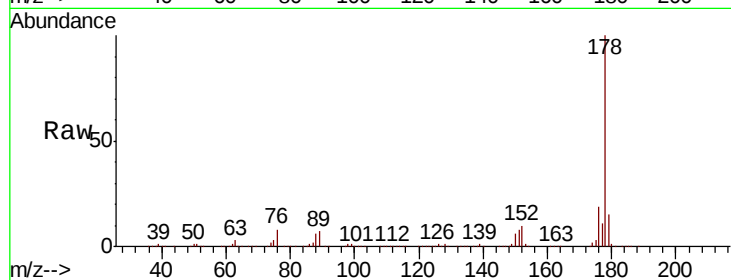
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 1186715

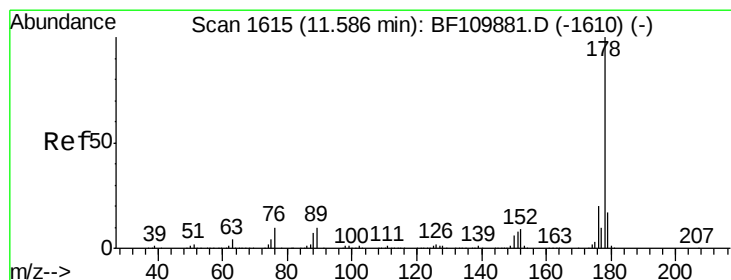
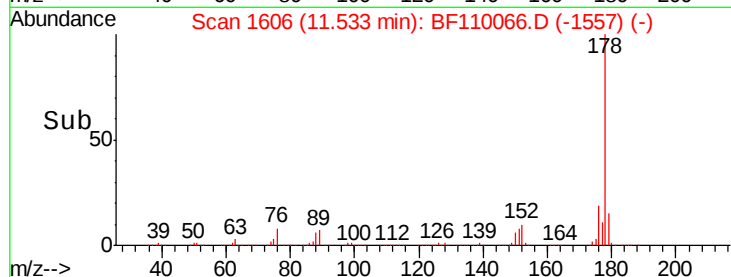
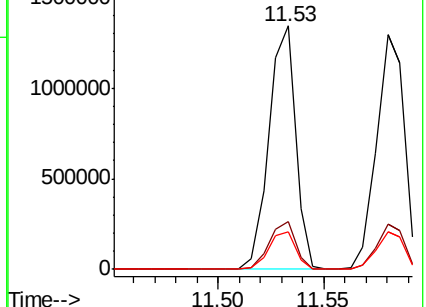
Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	15.3	12.5	18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.738 ng

RT: 11.58 min Scan# 1614

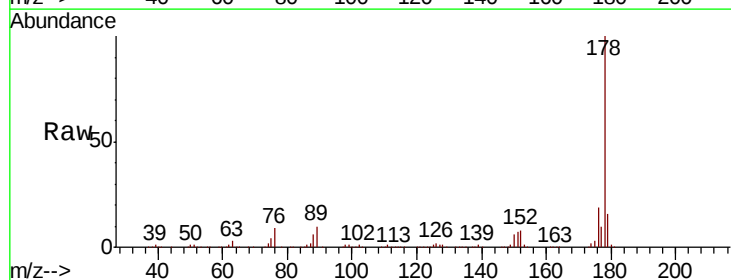
Delta R.T. -0.02 min

Lab File: BF110066.D

Acq: 22 Oct 2018 23:56

Tgt Ion:178 Resp: 1200497

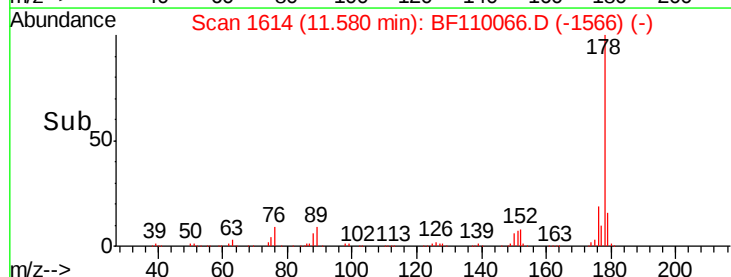
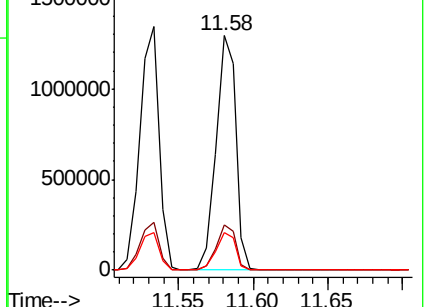
Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	16.1	12.6	18.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



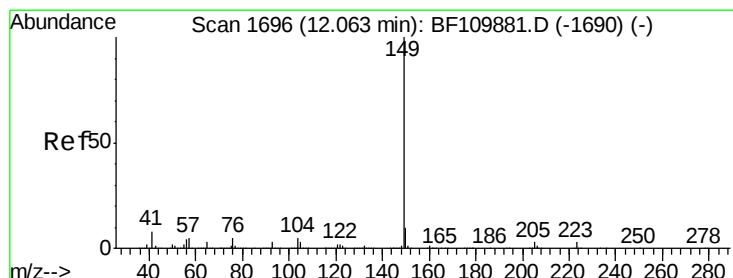
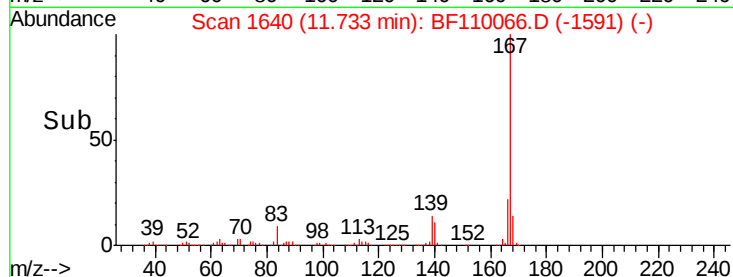
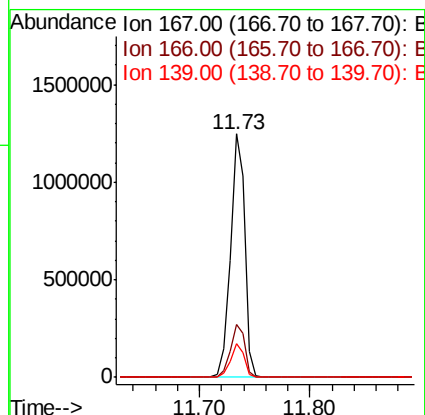
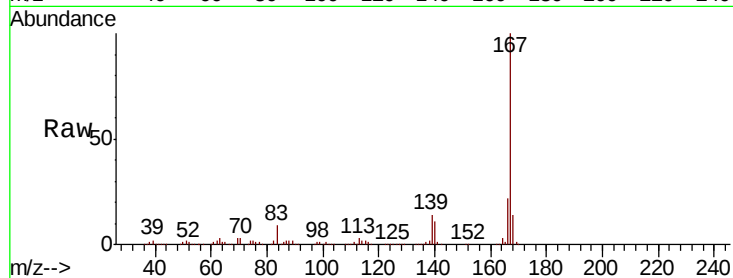


#73
 Carbazole
 Concen: 37.961 ng
 RT: 11.73 min Scan# 1640
 Delta R.T. -0.01 min
 Lab File: BF110066.D
 Acq: 22 Oct 2018 23:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1127058

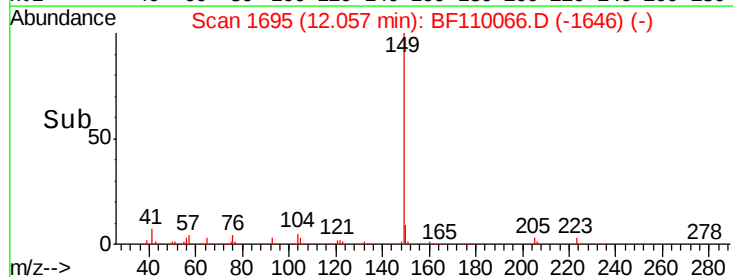
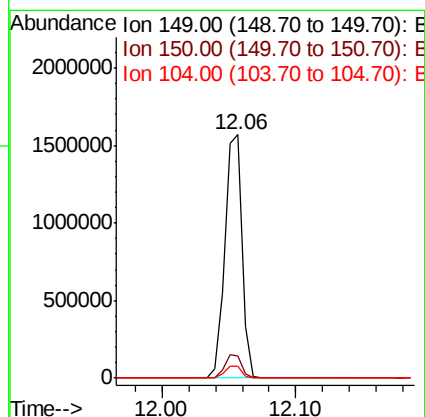
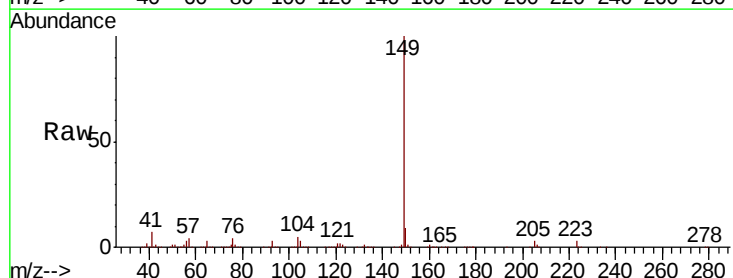
Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.4	26.0
139	13.6	10.9	16.3

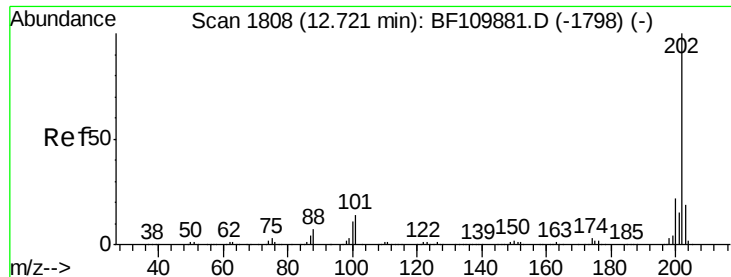


#74
 Di-n-butylphthalate
 Concen: 43.098 ng
 RT: 12.06 min Scan# 1695
 Delta R.T. -0.01 min
 Lab File: BF110066.D
 Acq: 22 Oct 2018 23:56

Tgt Ion:149 Resp: 1428051

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.7	11.5
104	4.8	4.2	6.4



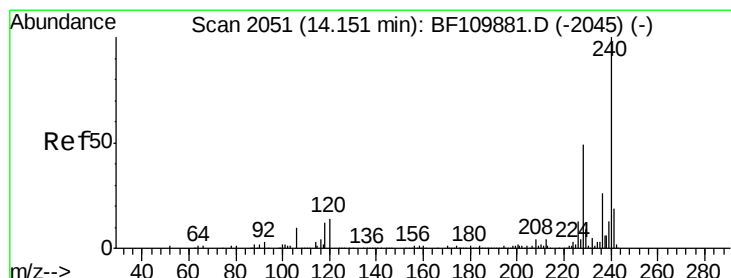
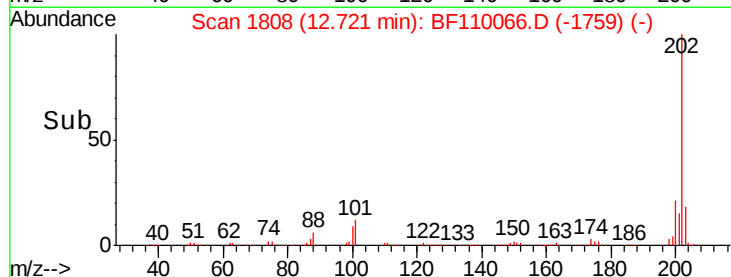
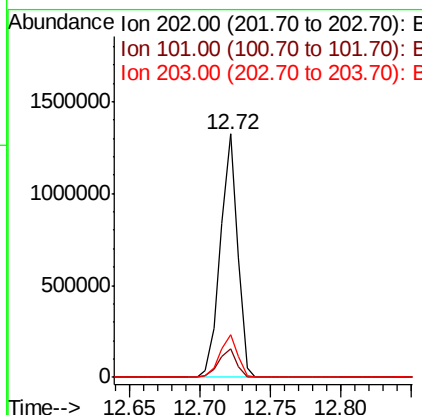
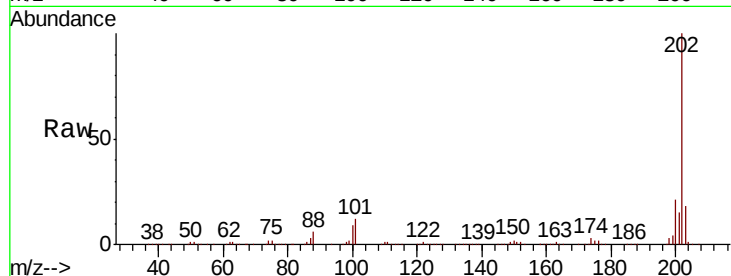


#75
 Fluoranthene
 Concen: 37.278 ng
 RT: 12.72 min Scan# 1808
 Delta R.T. -0.01 min
 Lab File: BF110066.D
 Acq: 22 Oct 2018 23:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1119025

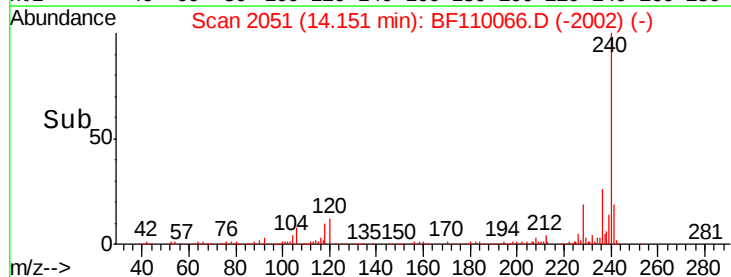
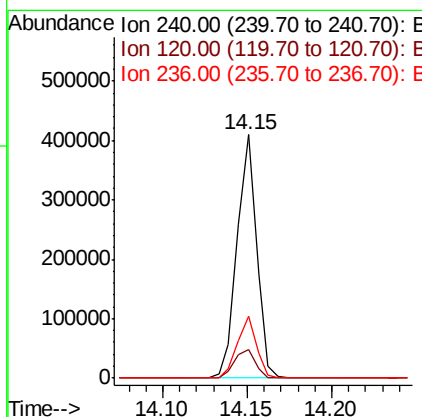
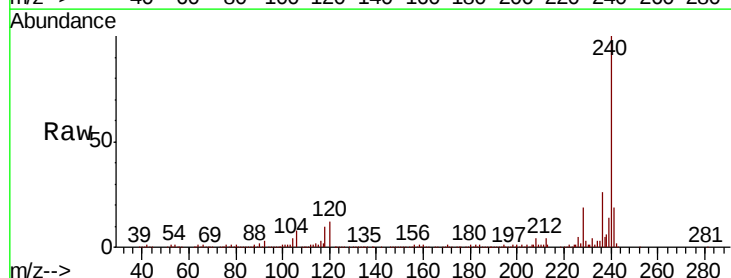
Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	31.4
203	17.8	0.0	37.7

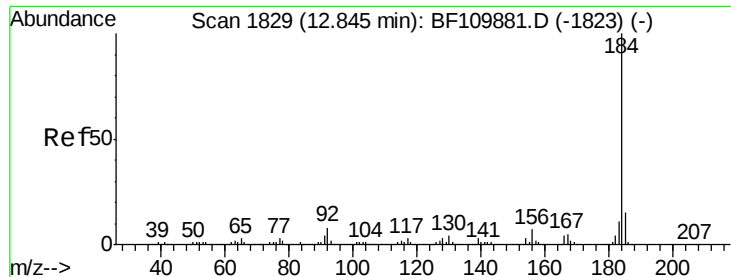


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.15 min Scan# 2051
 Delta R.T. -0.01 min
 Lab File: BF110066.D
 Acq: 22 Oct 2018 23:56

Tgt Ion:240 Resp: 328955

Ion	Ratio	Lower	Upper
240	100		
120	11.6	8.3	12.5
236	25.5	21.2	31.8





#77

Benzidine

Concen: 41.214 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF110066.D

Acq: 22 Oct 2018 23:56

Instrument :

BNA_F

ClientSampleId :

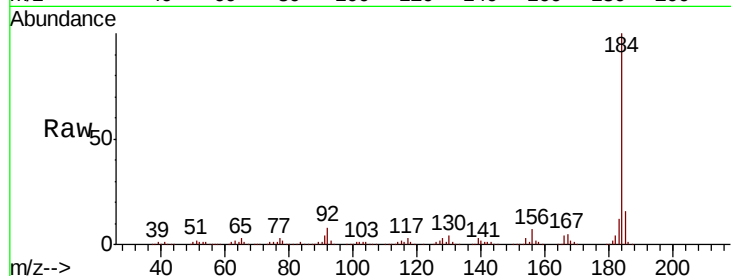
Tot Ion:184 Resp: 519820

Ion	Ratio	Lower	Upper
184	100		
185	15.9	13.4	20.2
183	11.8	9.4	14.2

184 100

185 15.9 13.4 20.2

183 11.8 9.4 14.2

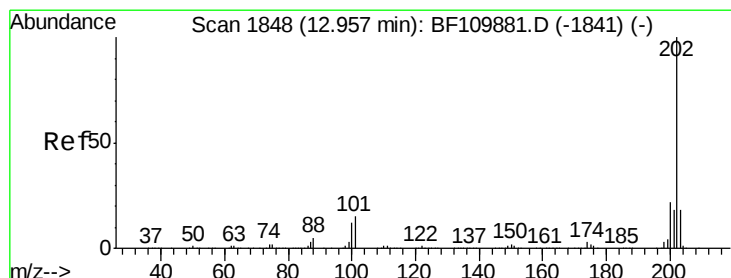
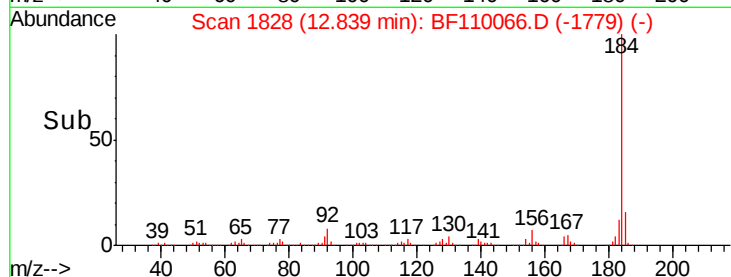
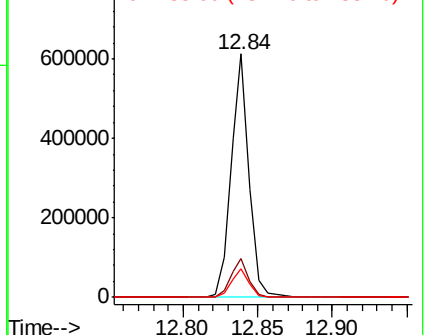


Abundance

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: 45.808 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.02 min

Lab File: BF110066.D

Acq: 22 Oct 2018 23:56

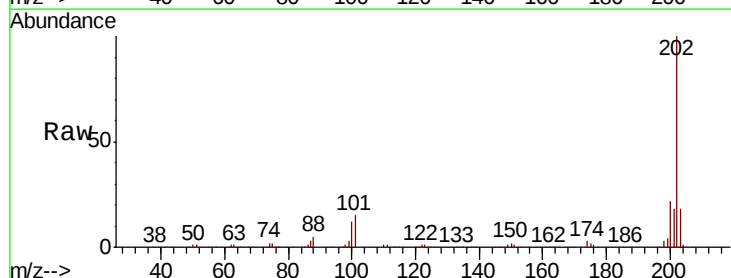
Tgt Ion:202 Resp: 1106752

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.8	26.6
203	18.3	14.2	21.4

202 100

200 21.6 17.8 26.6

203 18.3 14.2 21.4

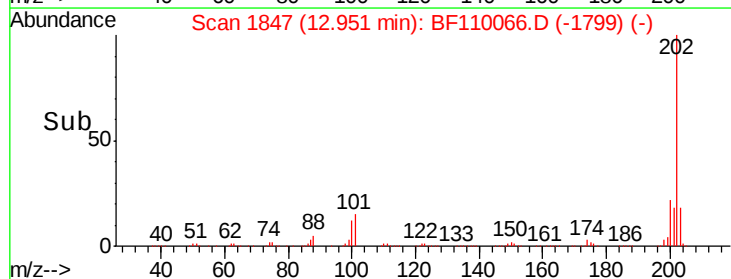
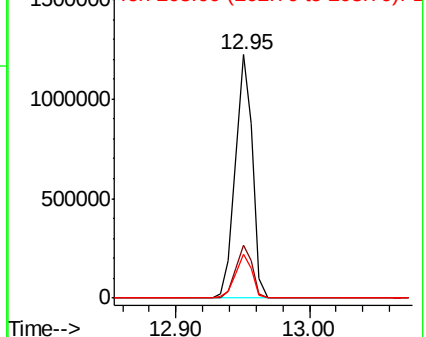


Abundance

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: 99.169 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.02 min

Lab File: BF110066.D

Acq: 22 Oct 2018 23:56

Instrument :

BNA_F

ClientSampleId :

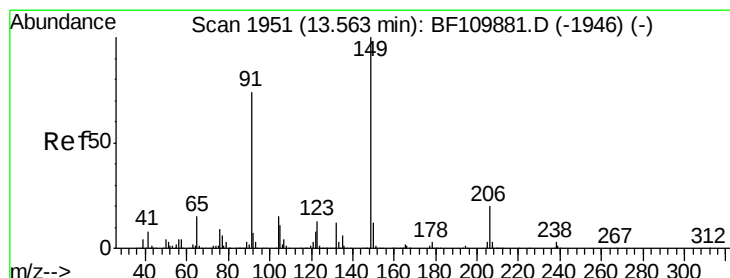
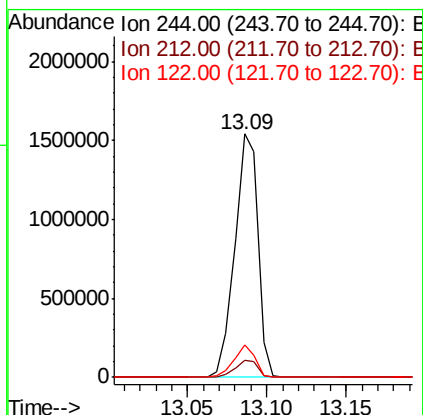
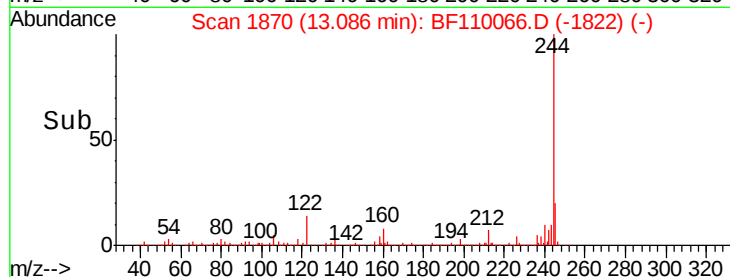
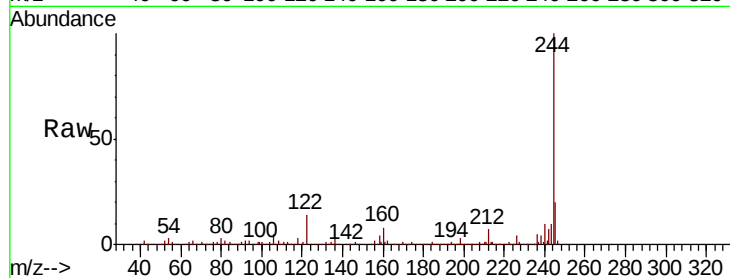
Tot Ion:244 Resp: 1553495

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

122 13.5 8.7 13.1#



#80

Butylbenzylphthalate

Concen: 52.003 ng

RT: 13.56 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BF110066.D

Acq: 22 Oct 2018 23:56

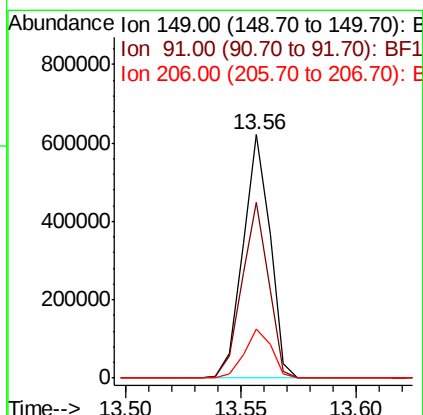
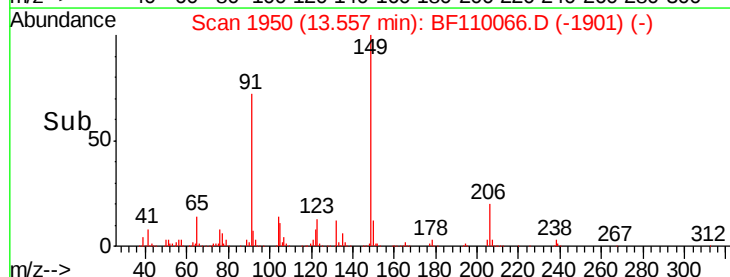
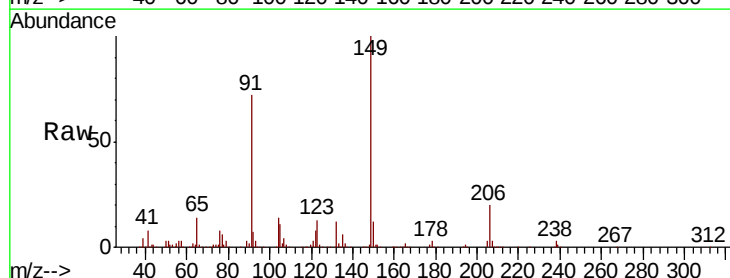
Tgt Ion:149 Resp: 507963

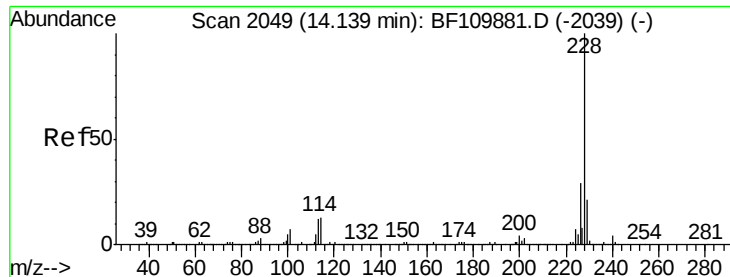
Ion Ratio Lower Upper

149 100

91 72.2 57.2 85.8

206 20.1 15.7 23.5

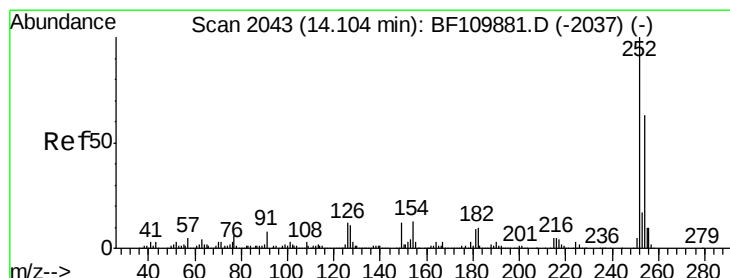
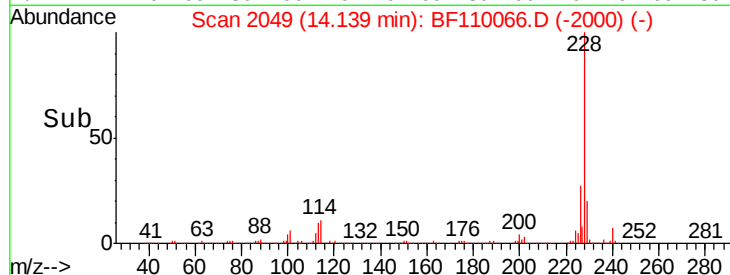
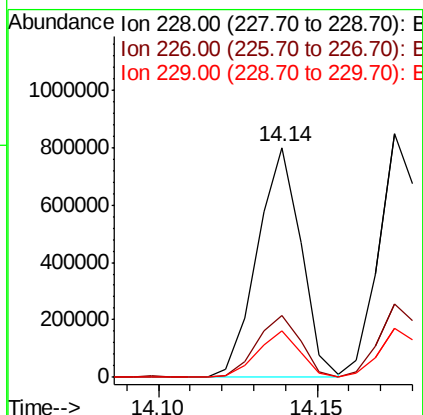
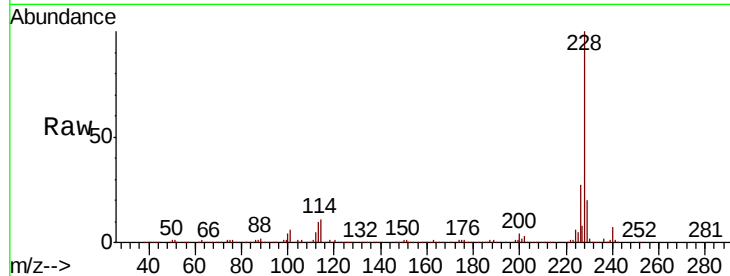




#81
Benzo(a)anthracene
Concen: 39.421 ng
RT: 14.14 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BF110066.D
Acq: 22 Oct 2018 23:56

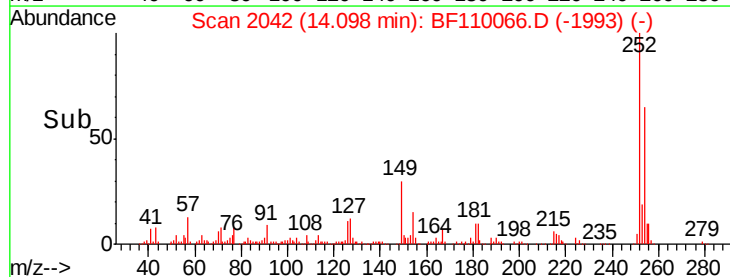
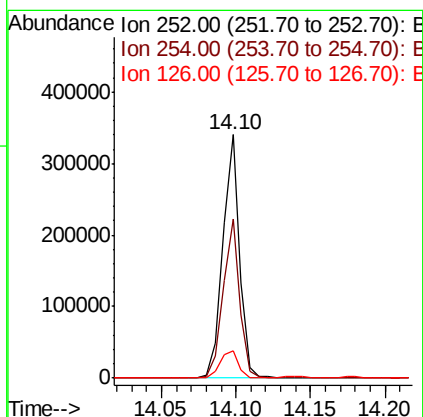
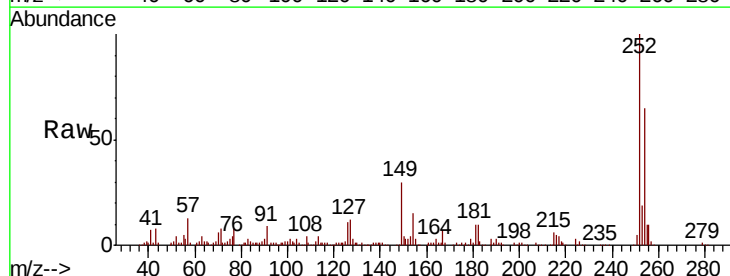
Instrument :
BNA_F
ClientSampleId :

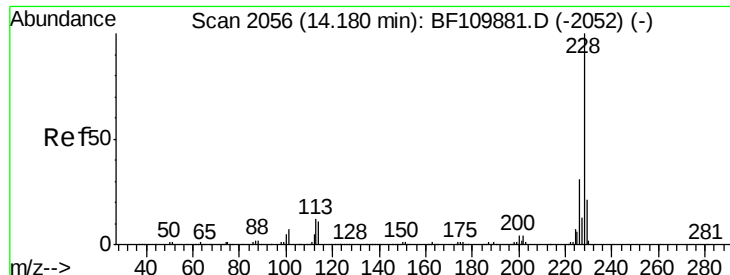
Tot Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.1	33.1
229	20.3	15.6	23.4



#82
3,3'-Dichlorobenzidine
Concen: 39.880 ng
RT: 14.10 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BF110066.D
Acq: 22 Oct 2018 23:56

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.4	51.3	76.9
126	11.5	9.4	14.2





#83

Chrysene

Concen: 39.476 ng

RT: 14.17 min Scan# 2055

Delta R.T. -0.02 min

Lab File: BF110066.D

Acq: 22 Oct 2018 23:56

Instrument :

BNA_F

ClientSampleId :

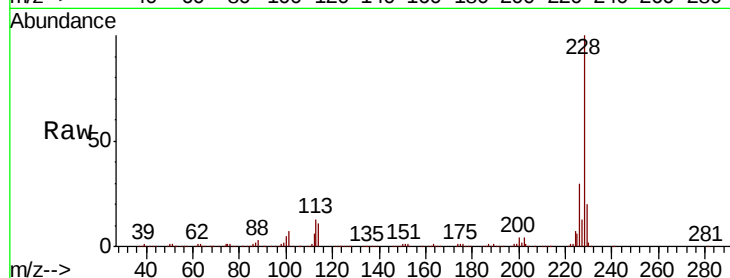
Tot Ion:228 Resp: 728057

Ion Ratio Lower Upper

228 100

226 30.0 24.7 37.1

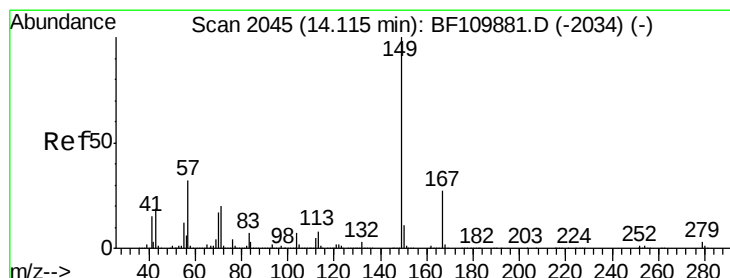
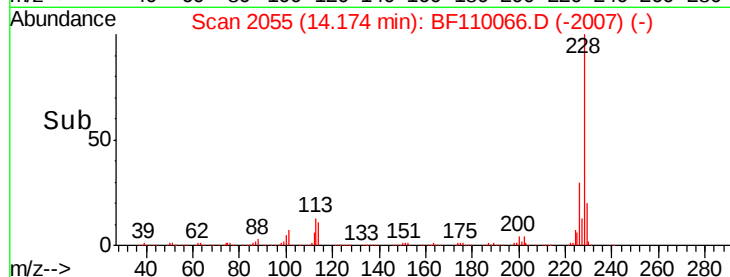
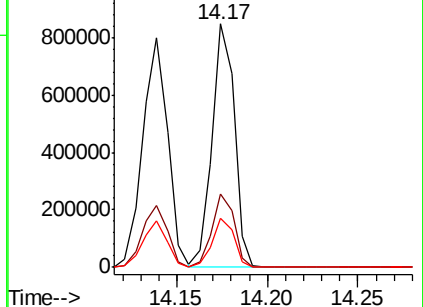
229 19.9 15.9 23.9



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: 53.271 ng

RT: 14.11 min Scan# 2044

Delta R.T. -0.02 min

Lab File: BF110066.D

Acq: 22 Oct 2018 23:56

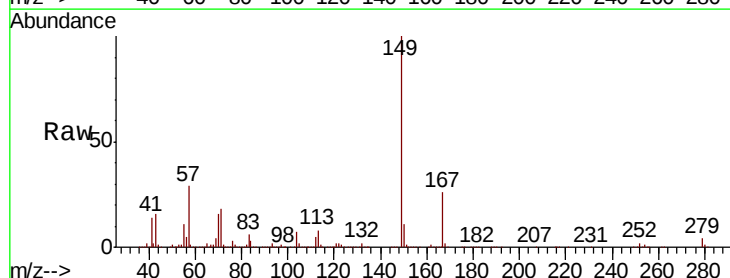
Tgt Ion:149 Resp: 684693

Ion Ratio Lower Upper

149 100

167 26.4 19.8 29.8

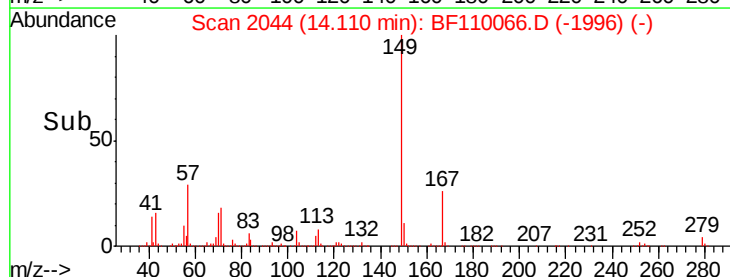
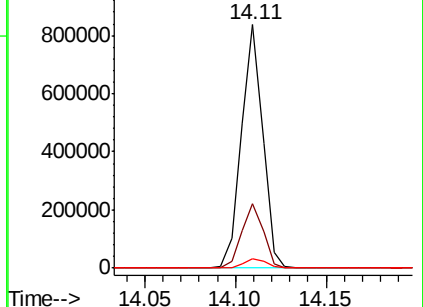
279 3.6 2.7 4.1

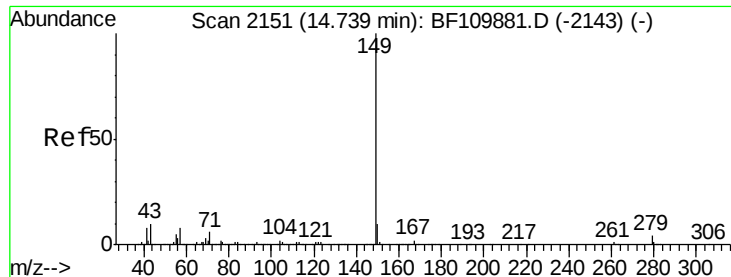


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

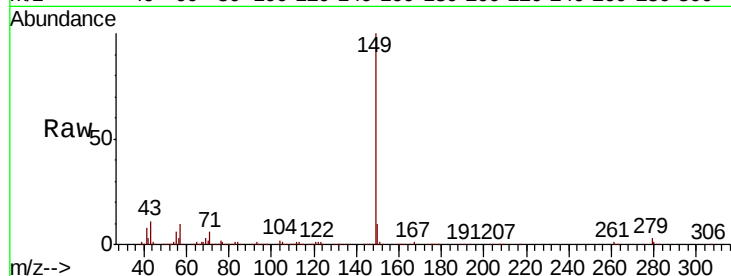




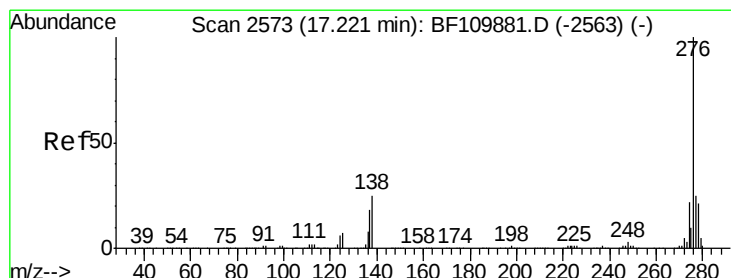
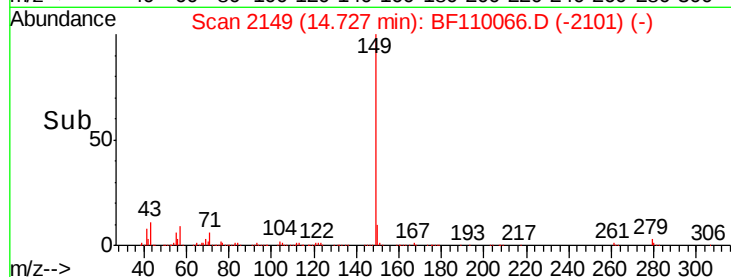
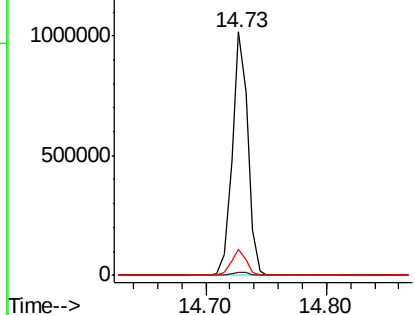
#85
Di-n-octyl phthalate
Concen: 50.192 ng
RT: 14.73 min Scan# 2149
Delta R.T. -0.02 min
Lab File: BF110066.D
Acq: 22 Oct 2018 23:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	10.3	7.8	11.8

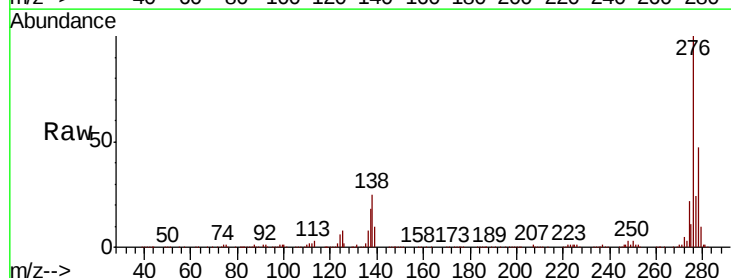


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

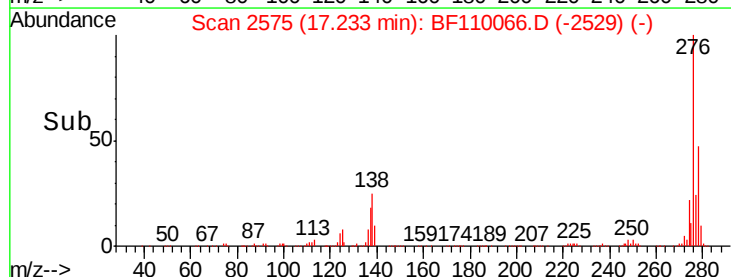
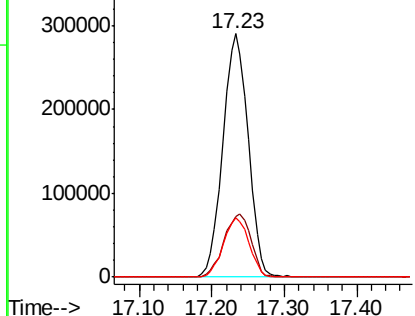


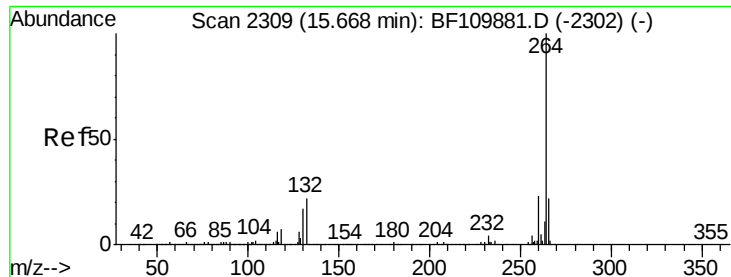
#86
Indeno(1,2,3-cd)pyrene
Concen: 47.463 ng
RT: 17.23 min Scan# 2575
Delta R.T. -0.03 min
Lab File: BF110066.D
Acq: 22 Oct 2018 23:56

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.8	18.5	27.7#
277	24.9	20.0	30.0



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: 15.67 min Scan# 2310

Delta R.T. -0.02 min

Lab File: BF110066.D

Acq: 22 Oct 2018 23:56

Instrument :

BNA_F

ClientSampleId :

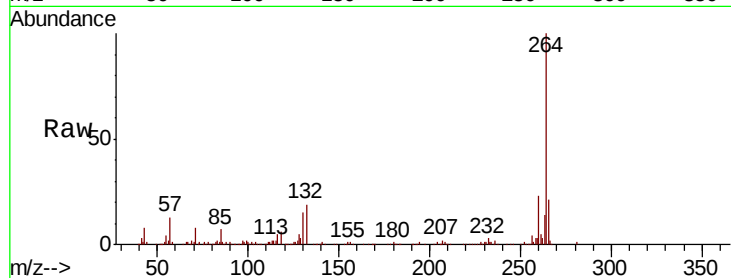
Tot Ion:264 Resp: 290656

Ion Ratio Lower Upper

264 100

260 22.8 18.7 28.1

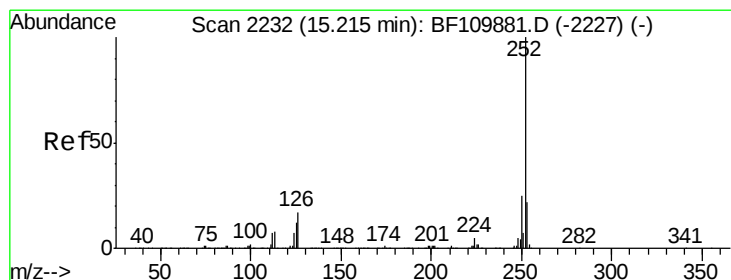
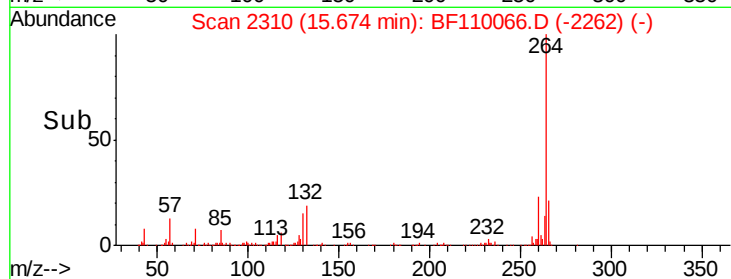
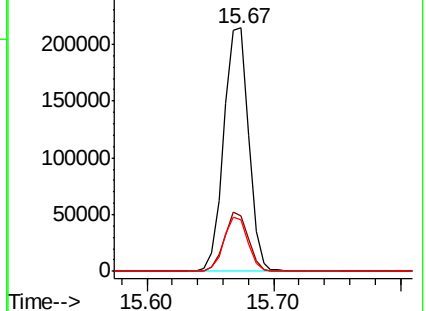
265 21.0 16.7 25.1



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 38.136 ng

RT: 15.22 min Scan# 2232

Delta R.T. -0.02 min

Lab File: BF110066.D

Acq: 22 Oct 2018 23:56

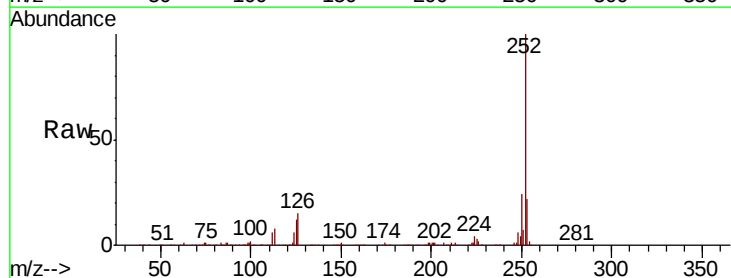
Tgt Ion:252 Resp: 639043

Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

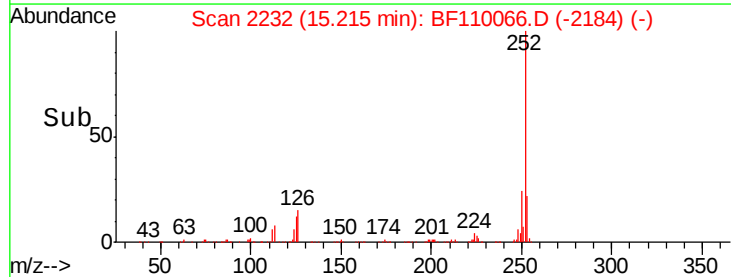
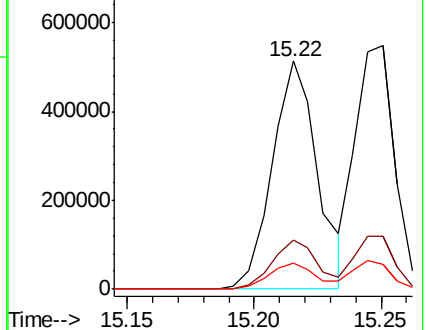
125 11.6 8.2 12.4

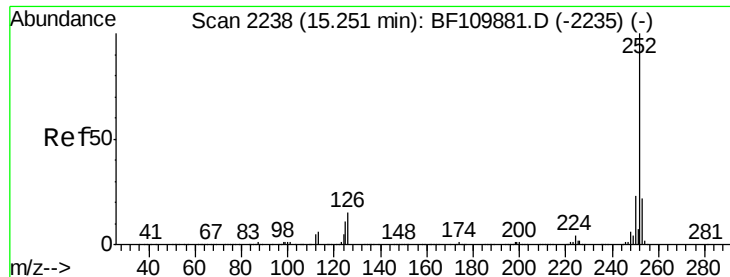


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

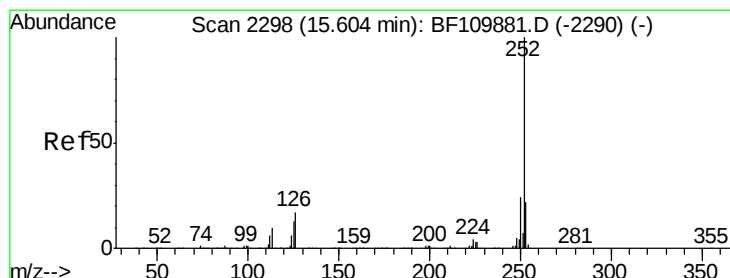
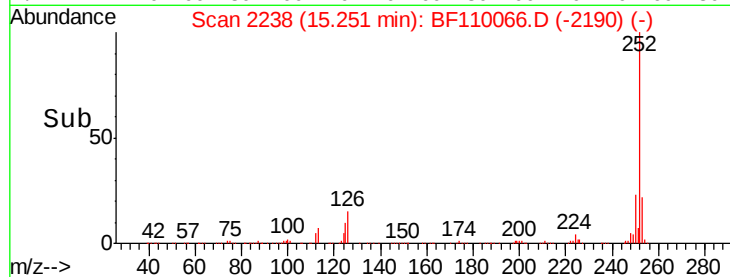
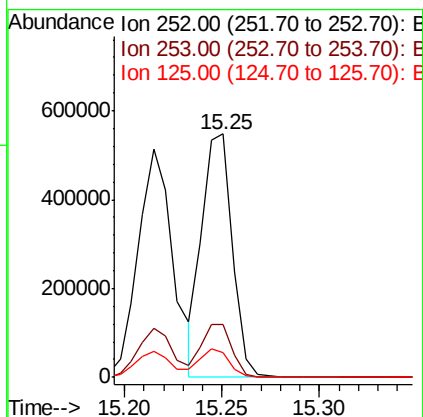
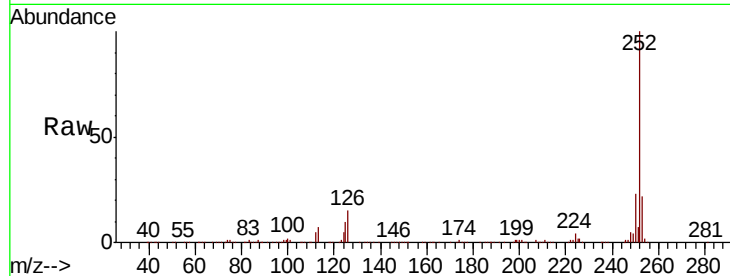




#89
Benzo(k)fluoranthene
Concen: 35.723 ng
RT: 15.25 min Scan# 2238
Delta R.T. -0.02 min
Lab File: BF110066.D
Acq: 22 Oct 2018 23:56

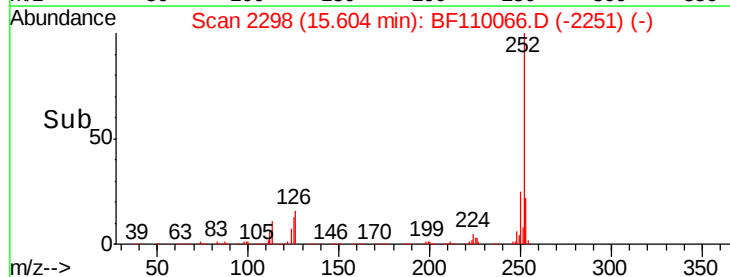
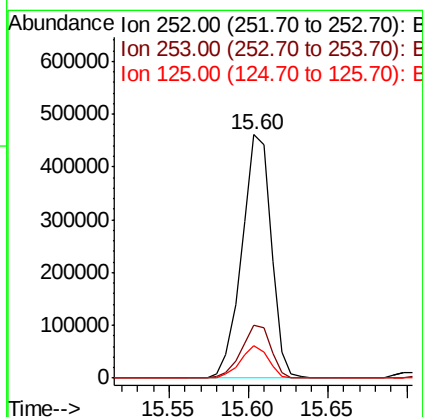
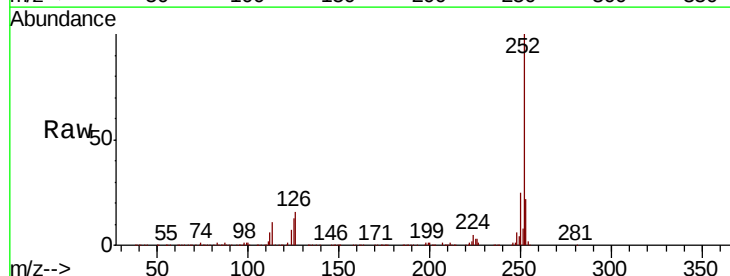
Instrument :
BNA_F
ClientSampleId :

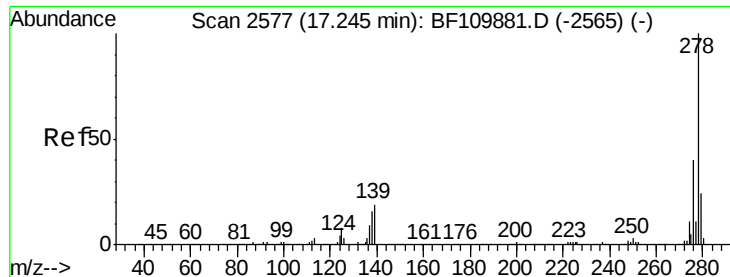
Tot Ion:252 Resp: 590021
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 10.1 7.4 11.0



#90
Benzo(a)pyrene
Concen: 38.553 ng
RT: 15.60 min Scan# 2298
Delta R.T. -0.02 min
Lab File: BF110066.D
Acq: 22 Oct 2018 23:56

Tgt Ion:252 Resp: 594165
Ion Ratio Lower Upper
252 100
253 21.5 18.2 27.4
125 13.1 9.0 13.6



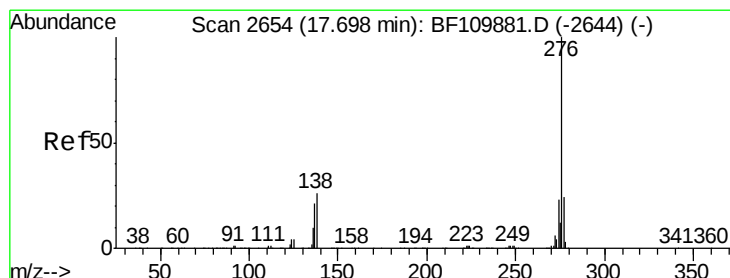
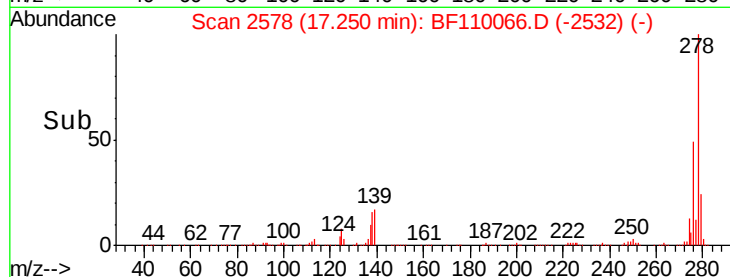
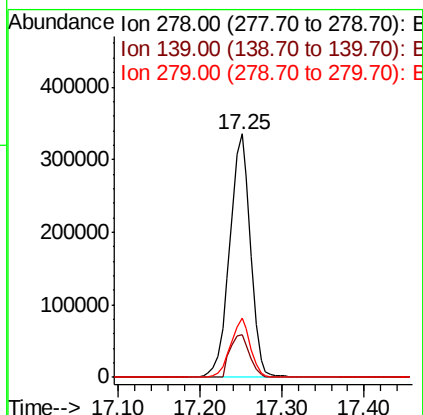
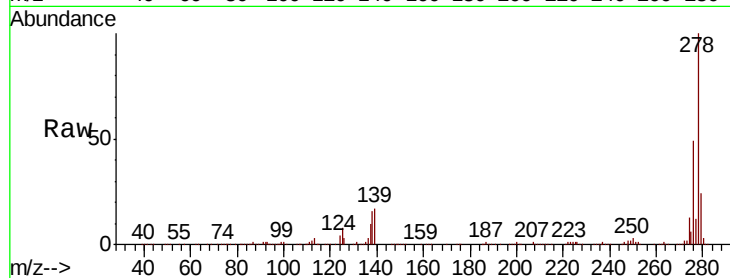


#91
Dibenzo(a,h)anthracene
Concen: 43.410 ng
RT: 17.25 min Scan# 2578
Delta R.T. -0.03 min
Lab File: BF110066.D
Acq: 22 Oct 2018 23:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 592902

Ion	Ratio	Lower	Upper
278	100		
139	17.4	12.7	19.1
279	24.4	19.0	28.4



#92
Benzo(g,h,i)perylene
Concen: 40.822 ng
RT: 17.71 min Scan# 2656
Delta R.T. -0.03 min
Lab File: BF110066.D
Acq: 22 Oct 2018 23:56

Tgt Ion:276 Resp: 563329

Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.8	28.2
138	23.9	16.0	24.0

