

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103018\
 Data File : BF110298.D
 Acq On : 30 Oct 2018 13:04
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 30 14:55:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 29 17:29:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	92483	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	410275	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	205604	20.00	ng	0.00
64) Phenanthrene-d10	11.51	188	373698	20.00	ng	0.00
76) Chrysene-d12	14.16	240	256654	20.00	ng	0.00
87) Perylene-d12	15.69	264	195451	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	482612	84.98	ng	0.00
7) Phenol-d6	6.60	99	610869	84.09	ng	0.00
23) Nitrobenzene-d5	7.54	82	579390	83.76	ng	0.00
42) 2,4,6-Tribromophenol	10.81	330	167359	82.17	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1090974	83.32	ng	0.00
79) Terphenyl-d14	13.09	244	1093179	88.58	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.82	88	118805	39.928	ng	93
3) Pyridine	3.60	79	272662	41.142	ng	86
4) n-Nitrosodimethylamine	3.56	42	117096	42.173	ng	89
6) Aniline	6.63	93	396238	41.874	ng	# 54
8) 2-Chlorophenol	6.76	128	277922	42.446	ng	99
9) Benzaldehyde	6.53	77	161134	37.525	ng	96
10) Phenol	6.61	94	332707	42.848	ng	# 64
11) bis(2-Chloroethyl)ether	6.70	93	258642	40.487	ng	94
12) 1,3-Dichlorobenzene	6.91	146	295408	40.997	ng	99
13) 1,4-Dichlorobenzene	6.99	146	295748	40.583	ng	98
14) 1,2-Dichlorobenzene	7.15	146	286266	42.315	ng	98
15) Benzyl Alcohol	7.11	79	250440	44.826	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.24	45	415900	40.718	ng	69
17) 2-Methylphenol	7.22	107	223758	42.880	ng	# 81
18) Hexachloroethane	7.48	117	113150	42.409	ng	96
19) n-Nitroso-di-n-propylamine	7.38	70	197368	42.351	ng	95
20) 3+4-Methylphenols	7.37	107	289380	42.902	ng	95
22) Acetophenone	7.38	105	385813	40.811	ng	# 98
24) Nitrobenzene	7.56	77	297330	41.635	ng	96
25) Isophorone	7.79	82	470576	39.910	ng	95
26) 2-Nitrophenol	7.87	139	154772	45.543	ng	97
27) 2,4-Dimethylphenol	7.90	122	230528	40.915	ng	99
28) bis(2-Chloroethoxy)methane	7.99	93	323738	40.417	ng	99
29) 2,4-Dichlorophenol	8.11	162	237999	41.811	ng	99
30) 1,2,4-Trichlorobenzene	8.19	180	260605	40.873	ng	96
31) Naphthalene	8.27	128	768546	40.644	ng	99
32) Benzoic acid	8.01	122	70009	16.077	ng	86
33) 4-Chloroaniline	8.32	127	354152	41.615	ng	99
34) Hexachlorobutadiene	8.39	225	147565	41.683	ng	98
35) Caprolactam	8.70	113	78295	39.463	ng	91
36) 4-Chloro-3-methylphenol	8.80	107	260096	42.255	ng	95
37) 2-Methylnaphthalene	8.97	142	519268	41.505	ng	98
38) 1-Methylnaphthalene	9.07	142	500295	41.381	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	255424	39.872	ng	99

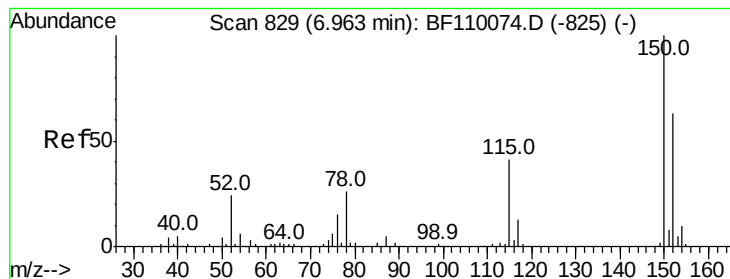
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103018\
 Data File : BF110298.D
 Acq On : 30 Oct 2018 13:04
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 30 14:55:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 29 17:29:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	106109	32.393	ng	99
43) 2,4,6-Trichlorophenol	9.25	196	167405	40.515	ng	96
44) 2,4,5-Trichlorophenol	9.29	196	176844	40.490	ng	97
46) 1,1'-Biphenyl	9.43	154	738349	39.712	ng	99
47) 2-Chloronaphthalene	9.46	162	542390	39.770	ng	99
48) 2-Nitroaniline	9.56	65	169232	40.948	ng	96
49) Acenaphthylene	9.88	152	781835	39.690	ng	99
50) Dimethylphthalate	9.73	163	605843	39.918	ng	99
51) 2,6-Dinitrotoluene	9.80	165	137077	41.930	ng	96
52) Acenaphthene	10.05	154	489702	37.578	ng	98
53) 3-Nitroaniline	9.97	138	161068	41.430	ng	87
54) 2,4-Dinitrophenol	10.08	184	37010	31.854	ng	86
55) Dibenzofuran	10.22	168	726708	39.830	ng	99
56) 4-Nitrophenol	10.13	139	109303	37.987	ng	90
57) 2,4-Dinitrotoluene	10.20	165	177505	42.746	ng	91
58) Fluorene	10.57	166	544772	40.119	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.30	232	138850	39.003	ng	98
60) Diethylphthalate	10.43	149	584546	39.455	ng	99
61) 4-Chlorophenyl-phenylether	10.55	204	286912	40.053	ng	96
62) 4-Nitroaniline	10.59	138	155204	40.138	ng	90
63) Azobenzene	10.72	77	577072	39.241	ng	97
65) 4,6-Dinitro-2-methylphenol	10.62	198	68375	40.048	ng	86
66) n-Nitrosodiphenylamine	10.67	169	510227	41.626	ng	96
67) 4-Bromophenyl-phenylether	11.05	248	169774	41.883	ng	# 90
68) Hexachlorobenzene	11.12	284	180768	42.030	ng	# 91
69) Atrazine	11.20	200	160574	41.454	ng	99
70) Pentachlorophenol	11.31	266	96774	38.588	ng	98
71) Phenanthrene	11.54	178	798786	40.851	ng	100
72) Anthracene	11.59	178	802952	40.968	ng	99
73) Carbazole	11.74	167	783619	40.949	ng	100
74) Di-n-butylphthalate	12.06	149	895826	41.449	ng	99
75) Fluoranthene	12.73	202	789140	39.766	ng	99
77) Benzidine	12.85	184	311501	41.981	ng	98
78) Pyrene	12.96	202	801559	43.563	ng	99
80) Butylbenzylphthalate	13.56	149	349294	43.737	ng	96
81) Benzo(a)anthracene	14.15	228	620373	40.760	ng	99
82) 3,3'-Dichlorobenzidine	14.11	252	205222	38.722	ng	99
83) Chrysene	14.19	228	587617	40.648	ng	99
84) Bis(2-ethylhexyl)phthalate	14.11	149	443517	41.082	ng	98
85) Di-n-octyl phthalate	14.73	149	693581	41.317	ng	99
86) Indeno(1,2,3-cd)pyrene	17.27	276	471482	39.314	ng	97
88) Benzo(b)fluoranthene	15.23	252	471945	41.815	ng	99
89) Benzo(k)fluoranthene	15.27	252	445359	40.137	ng	99
90) Benzo(a)pyrene	15.63	252	422921	40.722	ng	99
91) Dibenzo(a,h)anthracene	17.29	278	393637	43.927	ng	97
92) Benzo(g,h,i)perylene	17.76	276	394486	44.673	ng	97

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

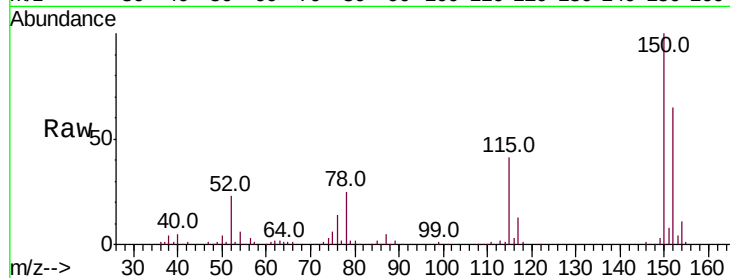


#1

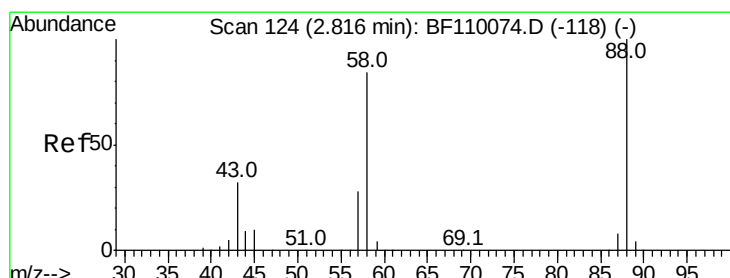
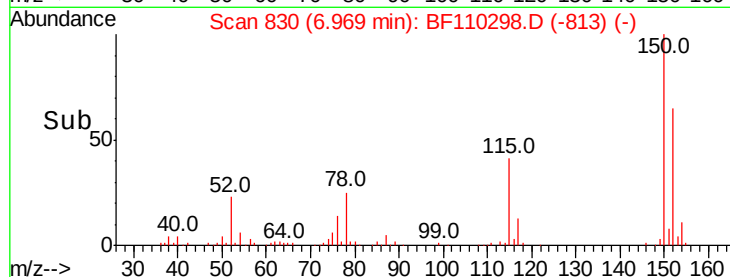
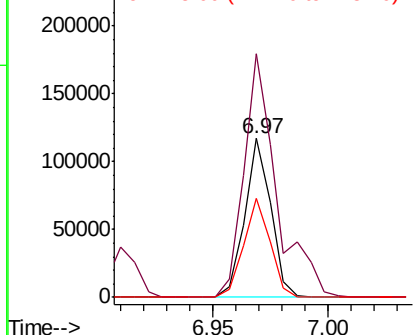
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF110298.D
Acq: 30 Oct 2018 13:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 92483
Ion Ratio Lower Upper
152 100
150 153.4 122.7 184.1
115 62.2 49.1 73.7



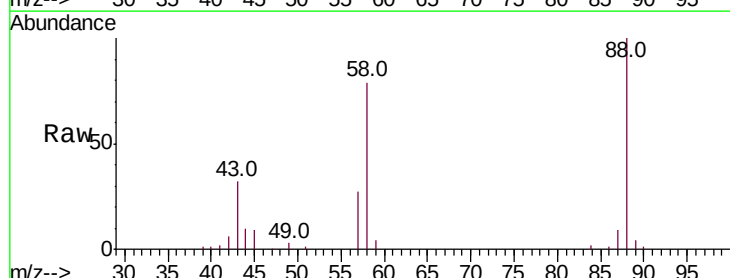
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



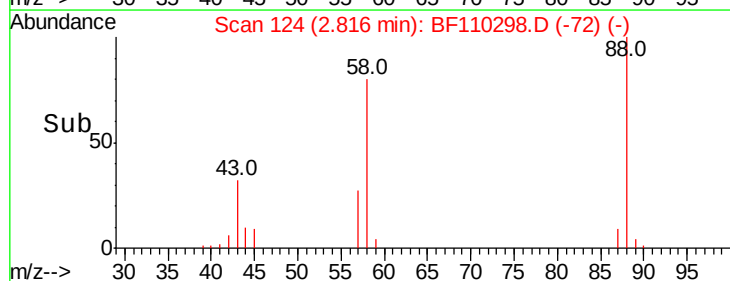
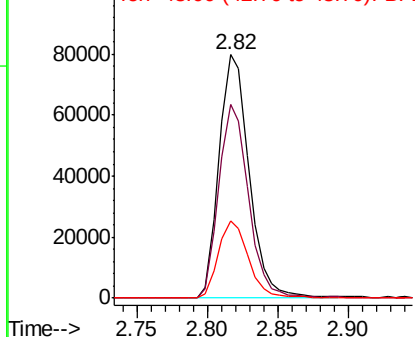
#2

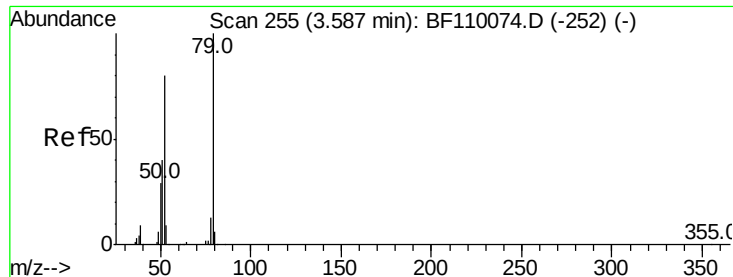
1,4-Dioxane
Concen: 39.928 ng
RT: 2.82 min Scan# 124
Delta R.T. 0.01 min
Lab File: BF110298.D
Acq: 30 Oct 2018 13:04

Tgt Ion: 88 Resp: 118805
Ion Ratio Lower Upper
88 100
58 78.5 57.1 85.7
43 31.8 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: 41.142 ng

RT: 3.60 min Scan# 257

Delta R.T. 0.01 min

Lab File: BF110298.D

Acq: 30 Oct 2018 13:04

Instrument :

BNA_F

ClientSampleId :

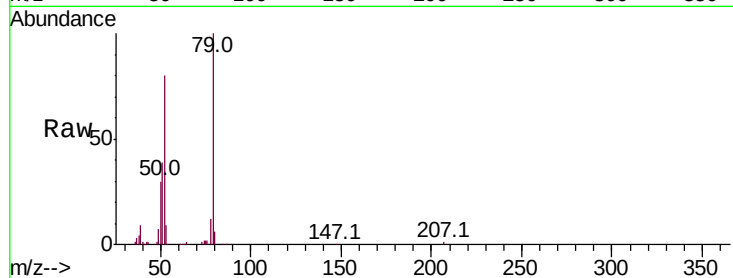
Tot Ion: 79 Resp: 272662

Ion Ratio Lower Upper

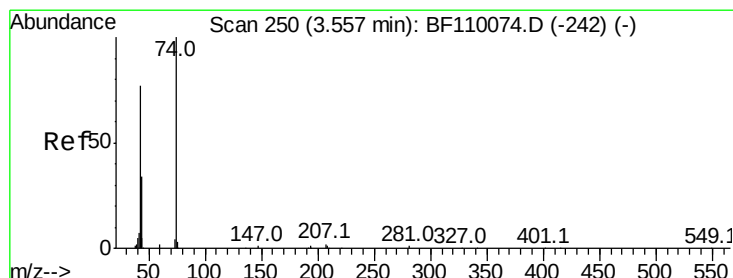
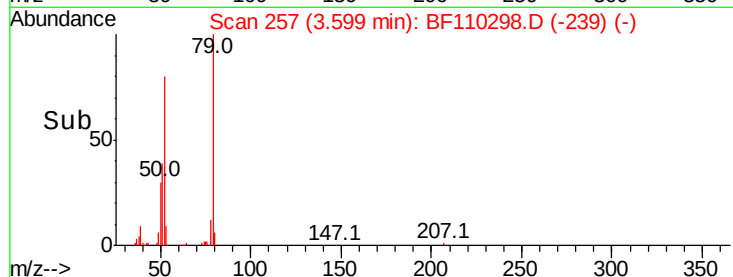
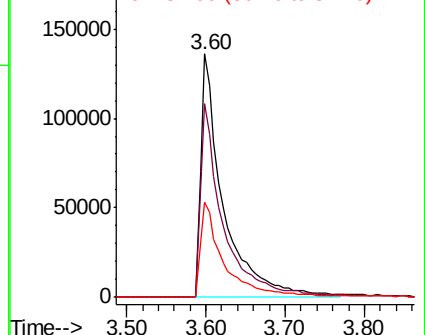
79 100

52 79.5 53.1 79.7

51 39.3 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: 42.173 ng

RT: 3.56 min Scan# 251

Delta R.T. 0.01 min

Lab File: BF110298.D

Acq: 30 Oct 2018 13:04

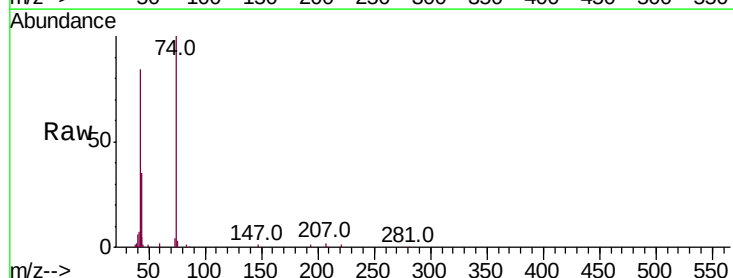
Tgt Ion: 42 Resp: 117096

Ion Ratio Lower Upper

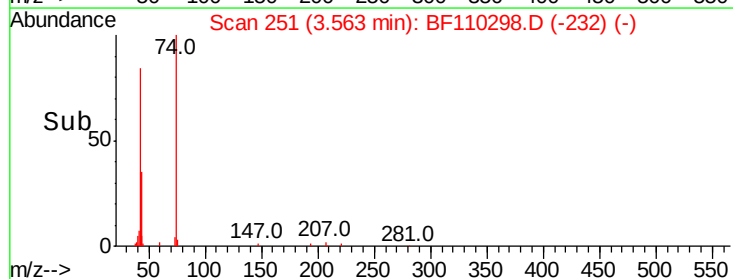
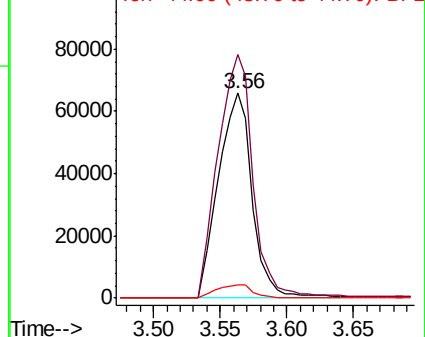
42 100

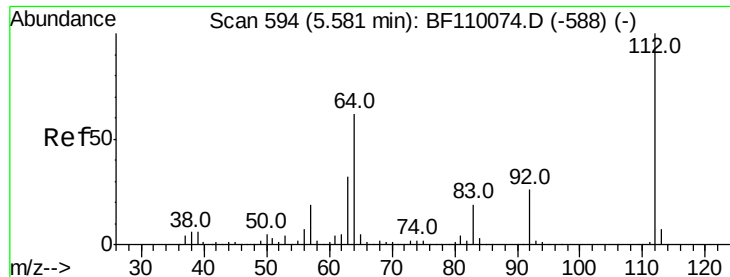
74 119.0 105.5 158.3

44 6.5 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: 84.979 ng

RT: 5.59 min Scan# 595

Delta R.T. 0.00 min

Lab File: BF110298.D

Acq: 30 Oct 2018 13:04

Instrument :

BNA_F

ClientSampleId :

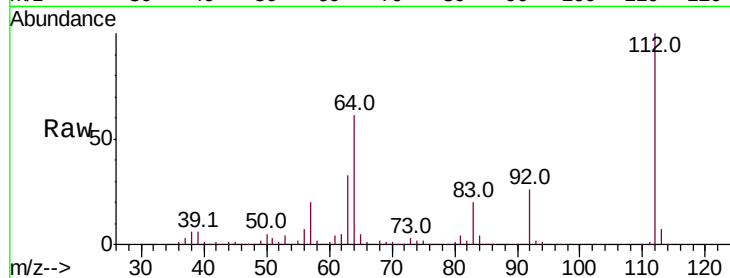
Tot Ion:112 Resp: 482612

Ion Ratio Lower Upper

112 100

64 61.4 44.1 66.1

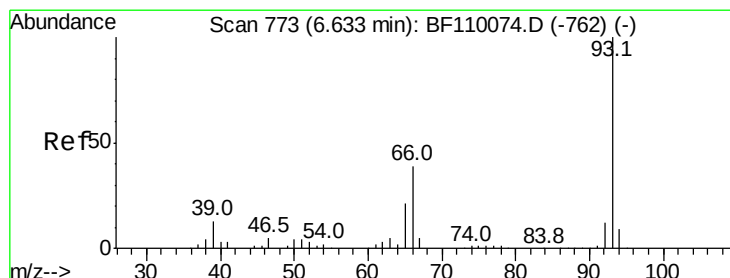
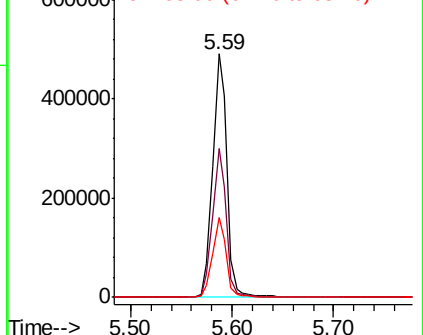
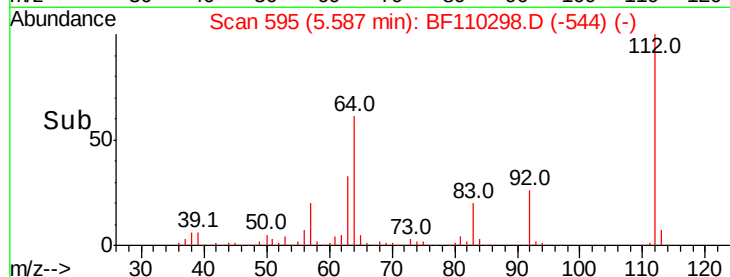
63 32.8 23.7 35.5



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: 41.874 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.00 min

Lab File: BF110298.D

Acq: 30 Oct 2018 13:04

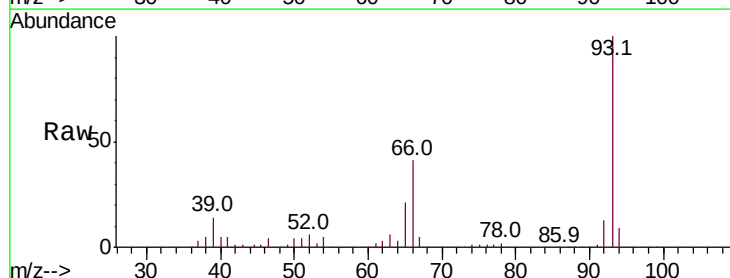
Tgt Ion: 93 Resp: 396238

Ion Ratio Lower Upper

93 100

66 40.8 67.4 101.0#

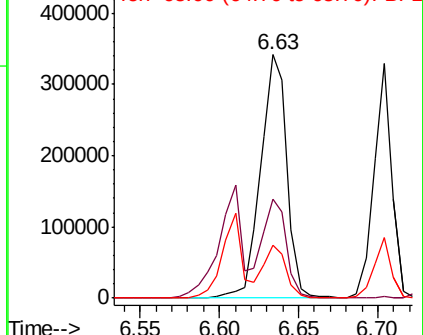
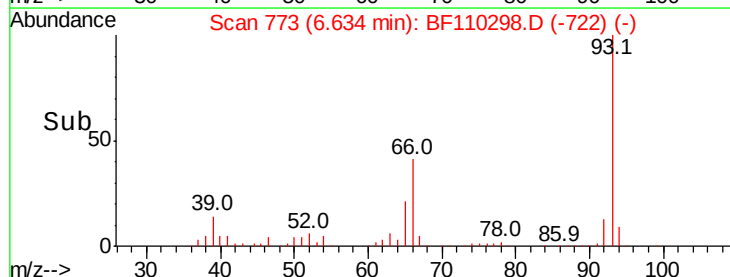
65 21.5 41.0 61.4#

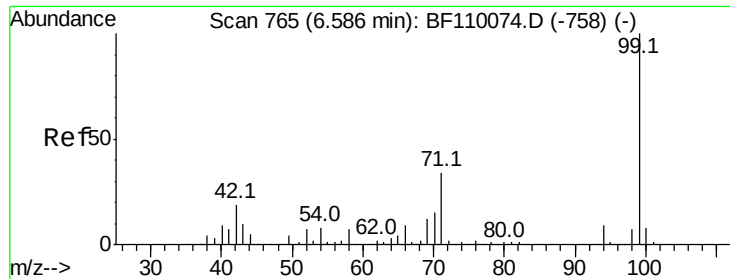


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 84.094 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF110298.D

Acq: 30 Oct 2018 13:04

Instrument :

BNA_F

ClientSampleId :

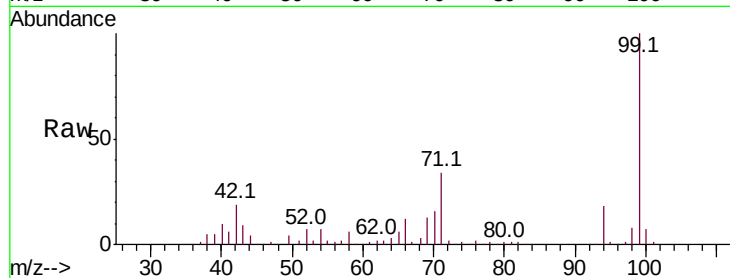
Tot Ion: 99 Resp: 610869

Ion Ratio Lower Upper

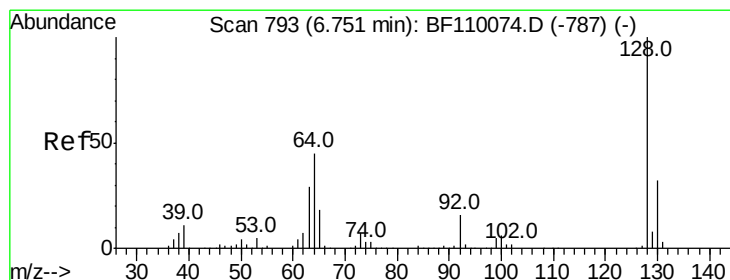
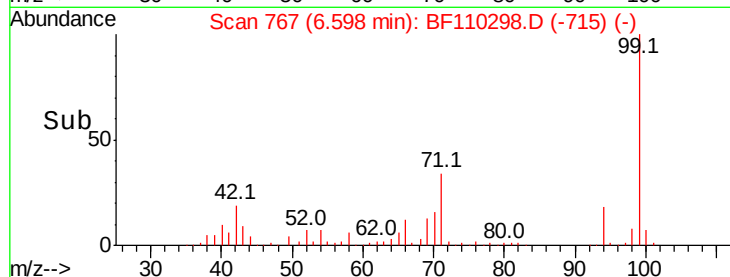
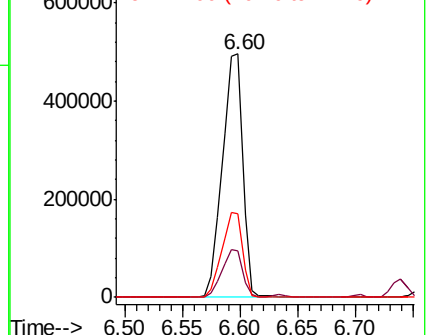
99 100

42 18.9 15.8 23.6

71 34.4 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: 42.446 ng

RT: 6.76 min Scan# 794

Delta R.T. 0.00 min

Lab File: BF110298.D

Acq: 30 Oct 2018 13:04

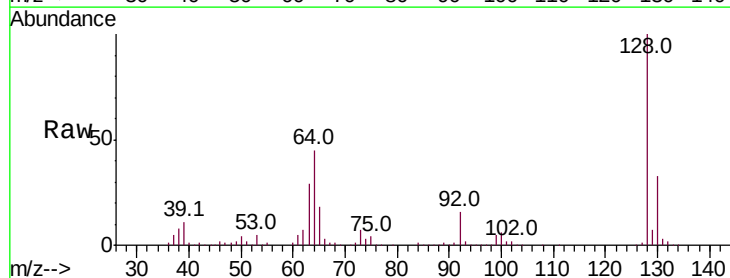
Tgt Ion: 128 Resp: 277922

Ion Ratio Lower Upper

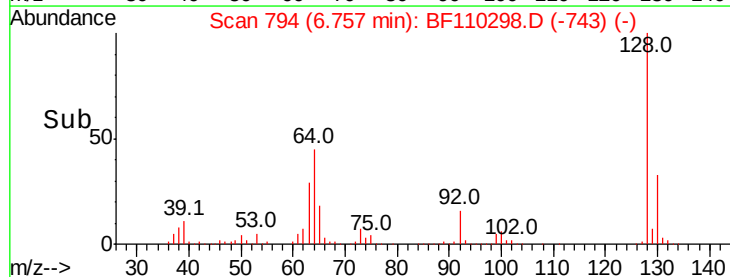
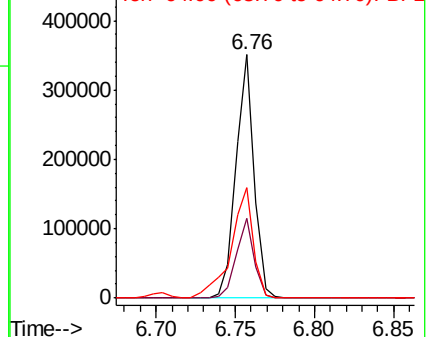
128 100

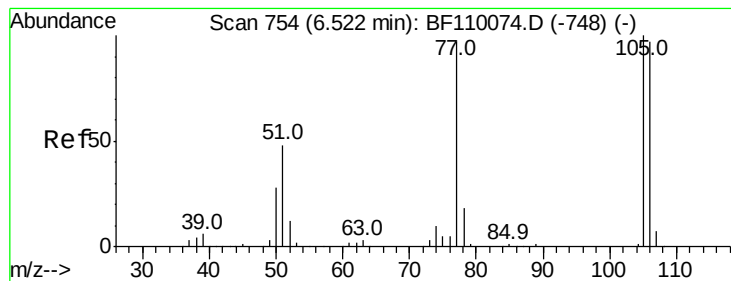
130 32.8 13.1 53.1

64 45.2 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: 37.525 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF110298.D

Acq: 30 Oct 2018 13:04

Instrument :

BNA_F

ClientSampleId :

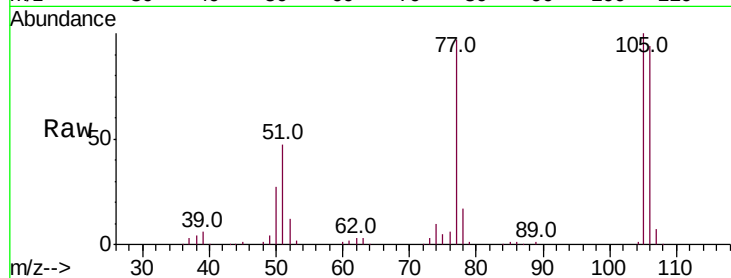
Tot Ion: 77 Resp: 161134

Ion Ratio Lower Upper

77 100

105 103.5 78.6 118.6

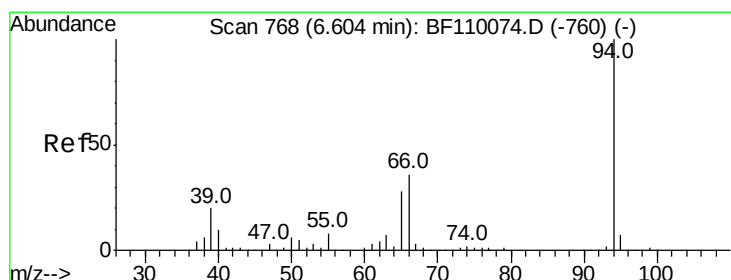
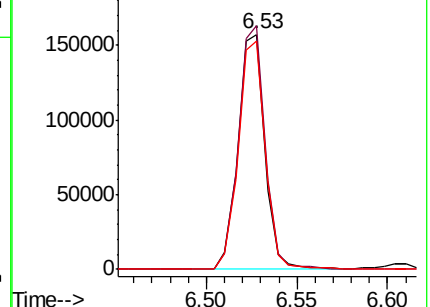
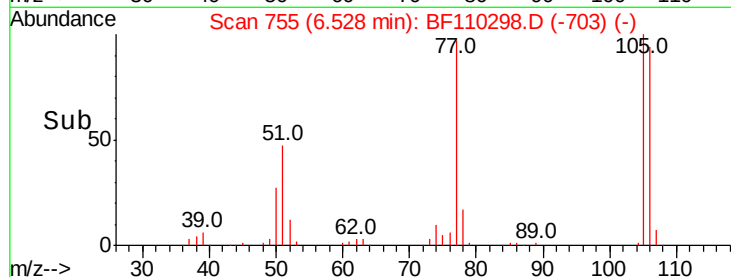
106 97.1 74.8 114.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 42.848 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF110298.D

Acq: 30 Oct 2018 13:04

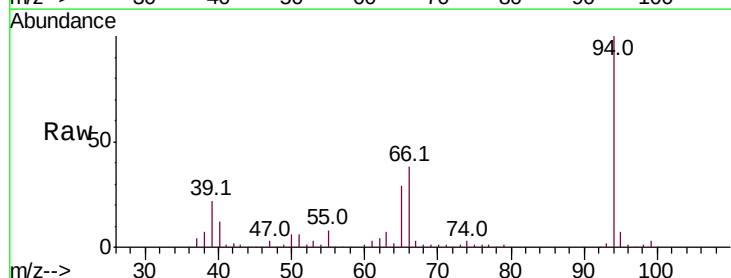
Tgt Ion: 94 Resp: 332707

Ion Ratio Lower Upper

94 100

65 28.8 25.3 65.3

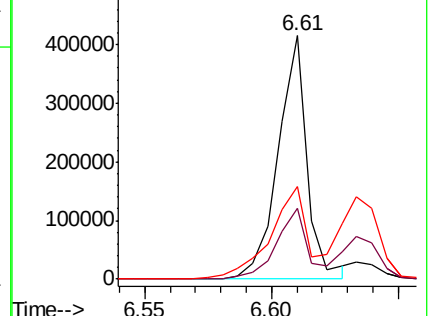
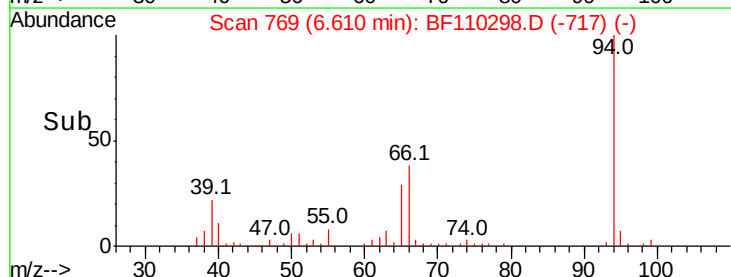
66 38.0 54.5 94.5#

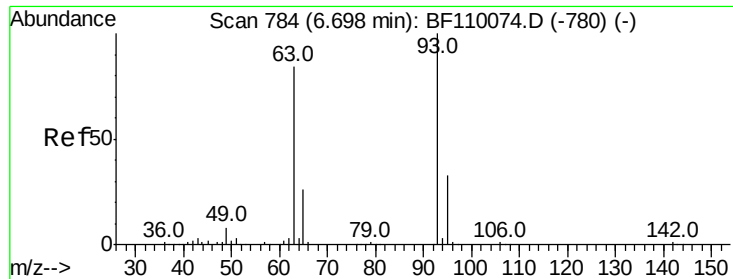


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 40.487 ng

RT: 6.70 min Scan# 785

Delta R.T. 0.00 min

Lab File: BF110298.D

Acq: 30 Oct 2018 13:04

Instrument :

BNA_F

ClientSampleId :

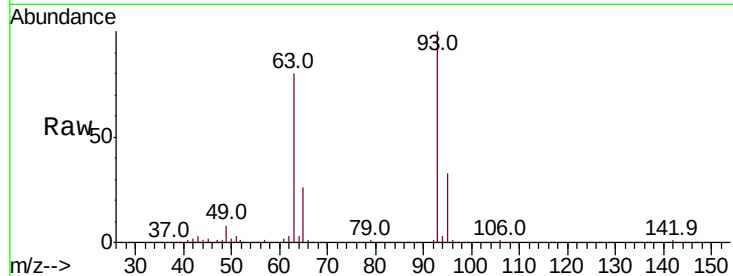
Tot Ion: 93 Resp: 258642

Ion Ratio Lower Upper

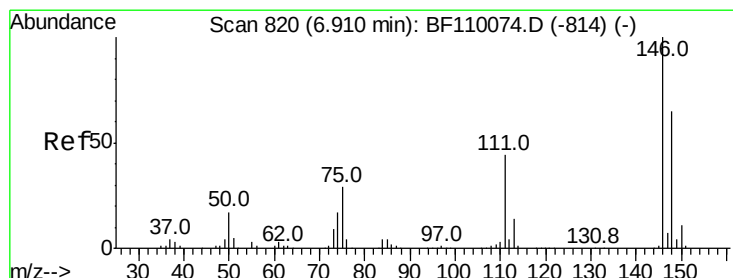
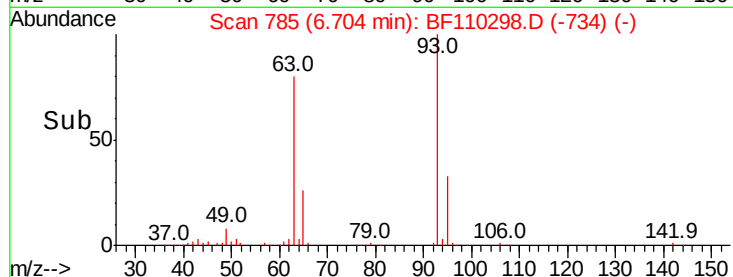
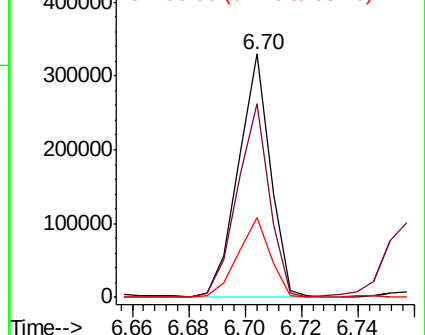
93 100

63 79.8 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: 40.997 ng

RT: 6.91 min Scan# 820

Delta R.T. 0.00 min

Lab File: BF110298.D

Acq: 30 Oct 2018 13:04

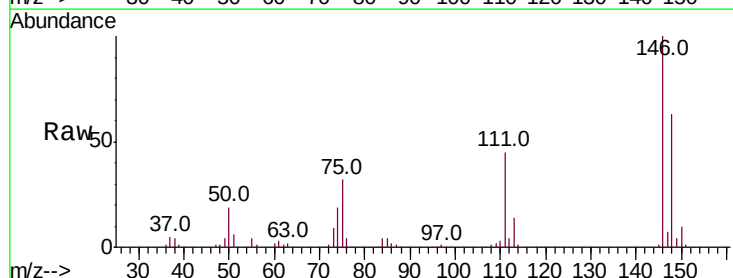
Tgt Ion: 146 Resp: 295408

Ion Ratio Lower Upper

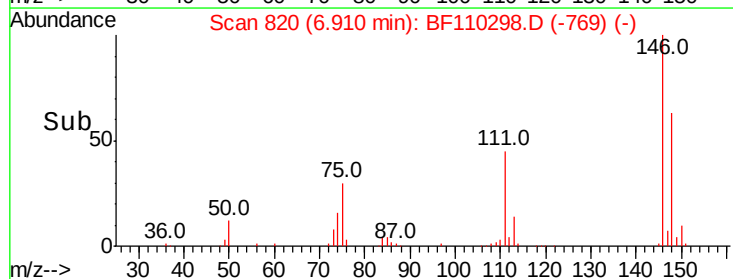
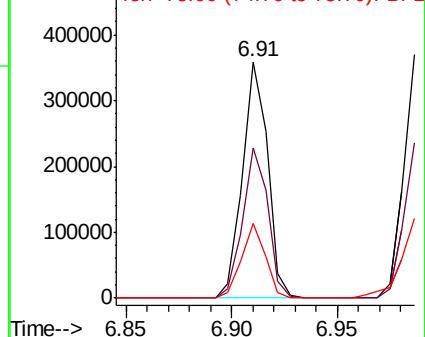
146 100

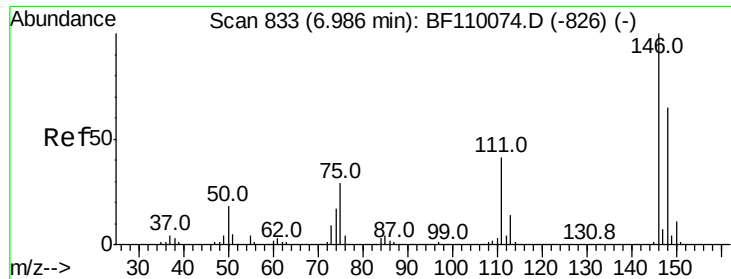
148 63.4 50.4 75.6

75 31.7 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

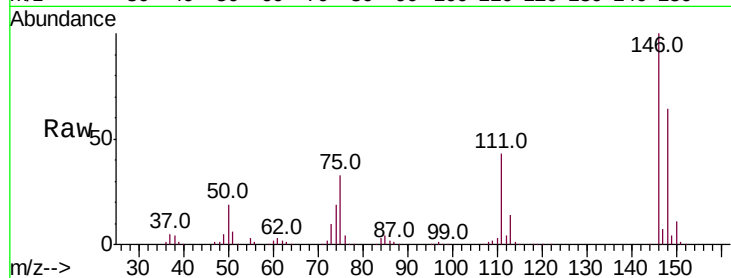




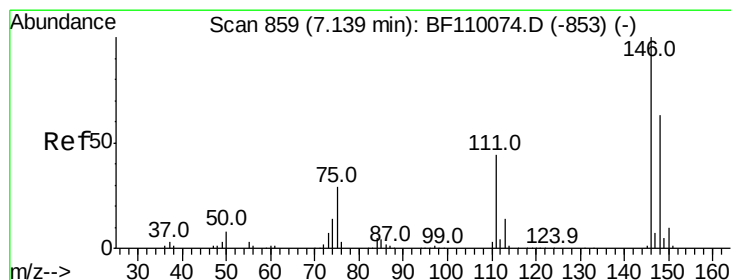
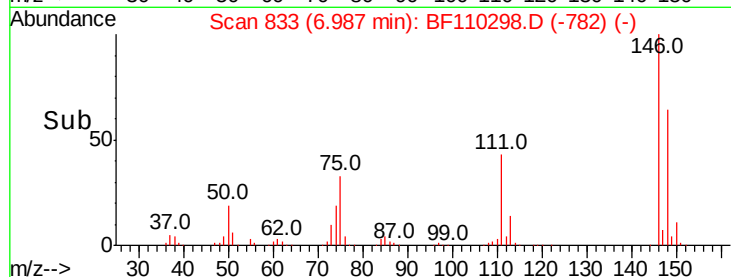
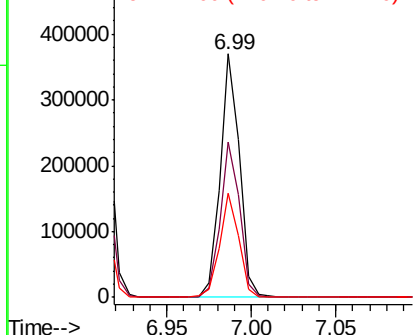
#13
 1,4-Dichlorobenzene
 Concen: 40.583 ng
 RT: 6.99 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: BF110298.D
 Acq: 30 Oct 2018 13:04

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.3	75.5
111	42.6	32.7	49.1

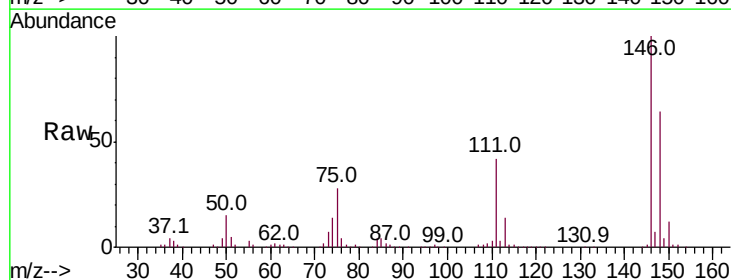


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

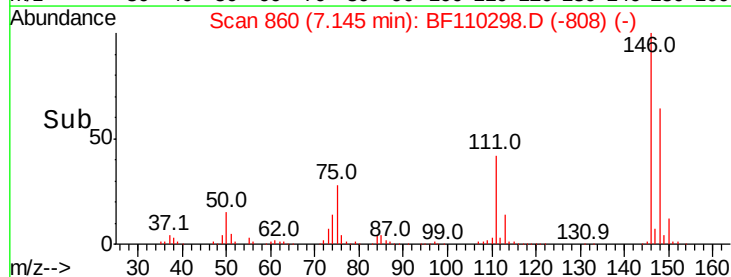
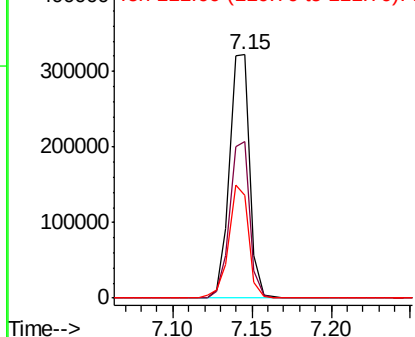


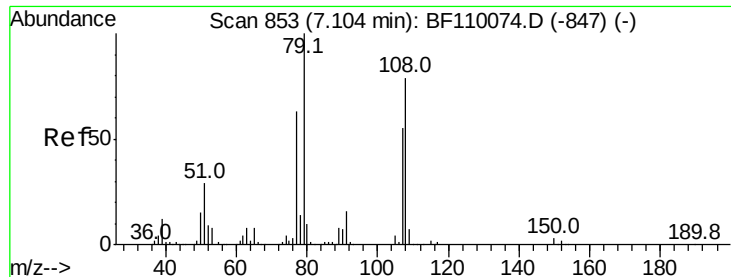
#14
 1,2-Dichlorobenzene
 Concen: 42.315 ng
 RT: 7.15 min Scan# 860
 Delta R.T. 0.01 min
 Lab File: BF110298.D
 Acq: 30 Oct 2018 13:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.1	76.7
111	42.1	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: 44.826 ng

RT: 7.11 min Scan# 854

Delta R.T. 0.00 min

Lab File: BF110298.D

Acq: 30 Oct 2018 13:04

Instrument :

BNA_F

ClientSampleId :

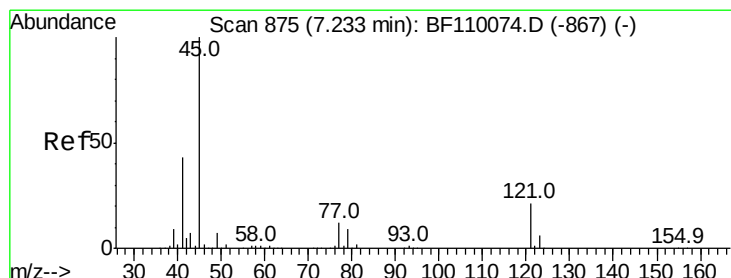
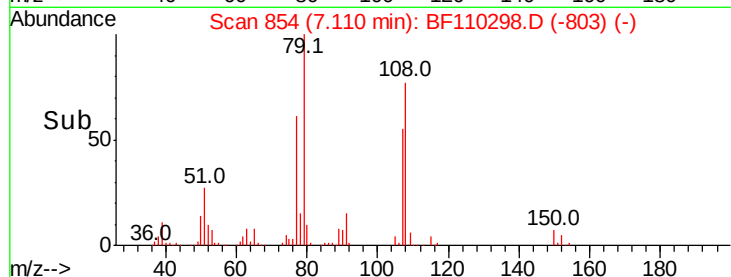
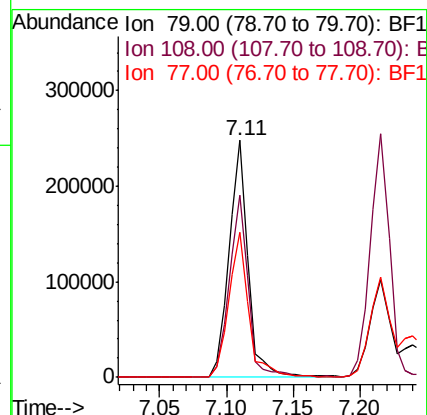
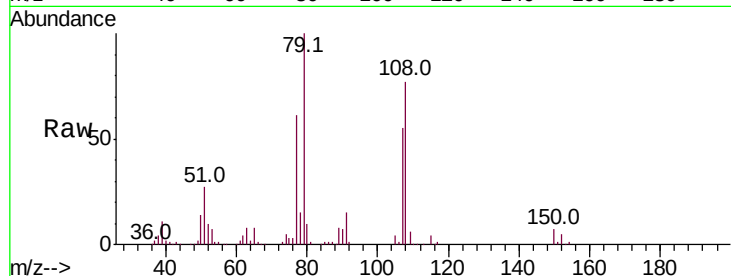
Tot Ion: 79 Resp: 250440

Ion Ratio Lower Upper

79 100

108 77.1 56.3 84.5

77 61.2 52.9 79.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.718 ng

RT: 7.24 min Scan# 876

Delta R.T. 0.00 min

Lab File: BF110298.D

Acq: 30 Oct 2018 13:04

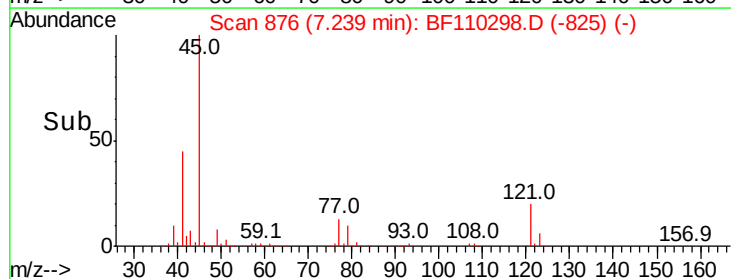
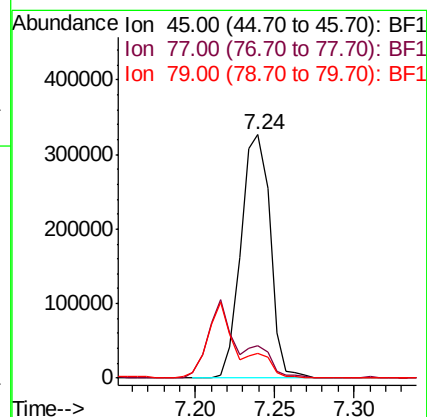
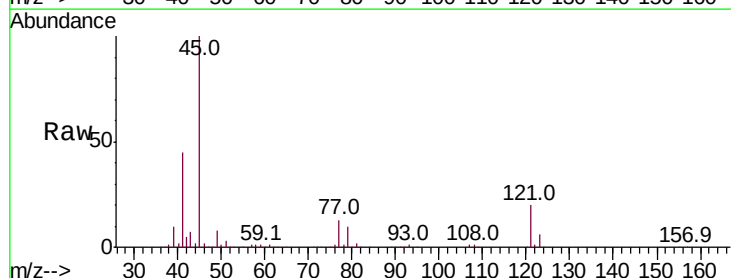
Tgt Ion: 45 Resp: 415900

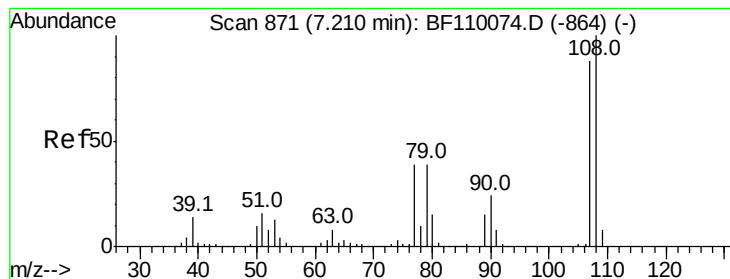
Ion Ratio Lower Upper

45 100

77 13.1 10.0 50.0

79 10.3 6.1 46.1

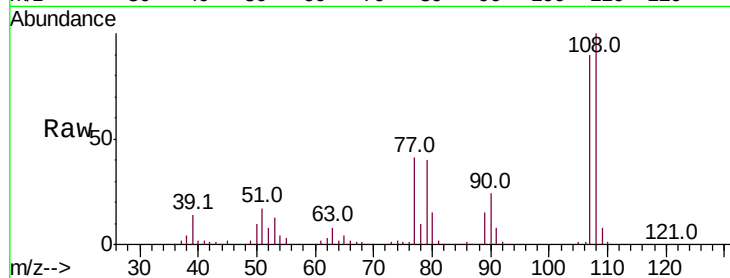




#17
2-Methylphenol
Concen: 42.880 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF110298.D
Acq: 30 Oct 2018 13:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.3	92.6	138.8
77	45.7	59.4	89.2#
79	44.7	54.0	81.0#



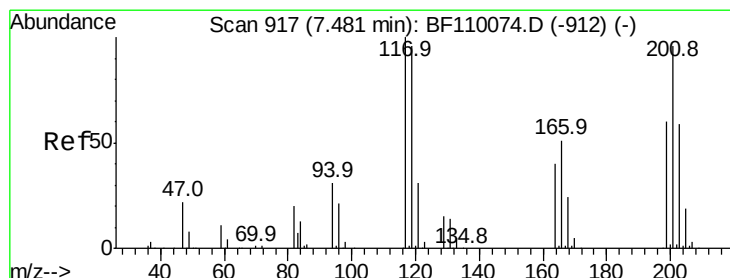
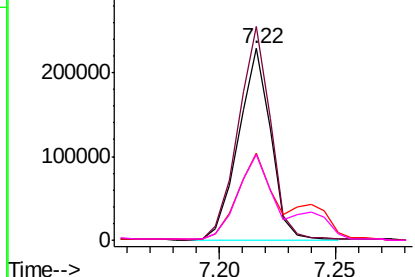
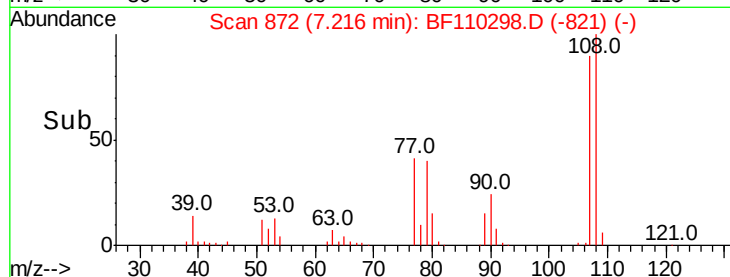
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

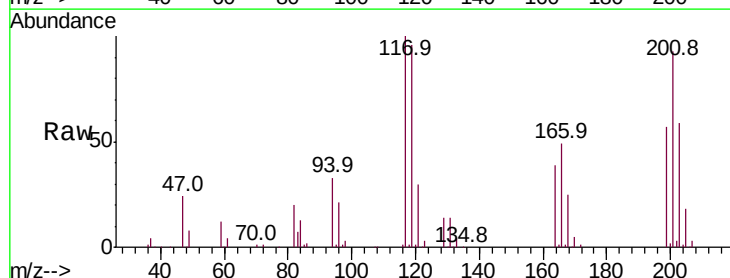
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 42.409 ng
RT: 7.48 min Scan# 917
Delta R.T. 0.00 min
Lab File: BF110298.D
Acq: 30 Oct 2018 13:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.6	75.0	112.6
201	93.0	79.2	118.8

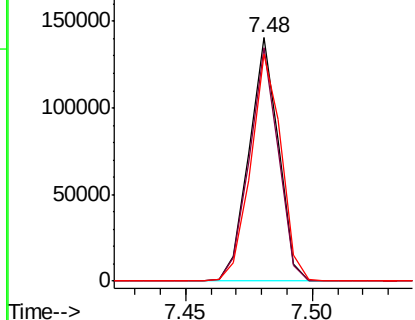
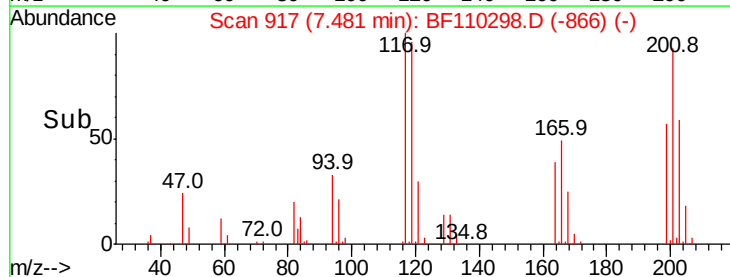


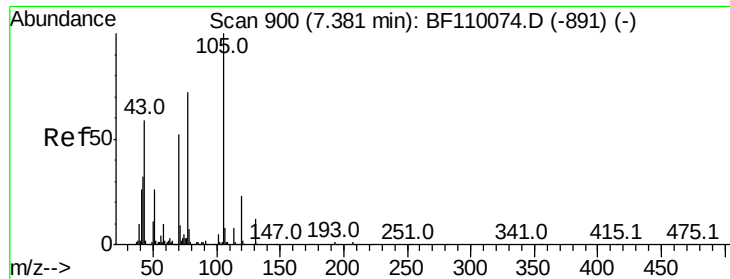
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

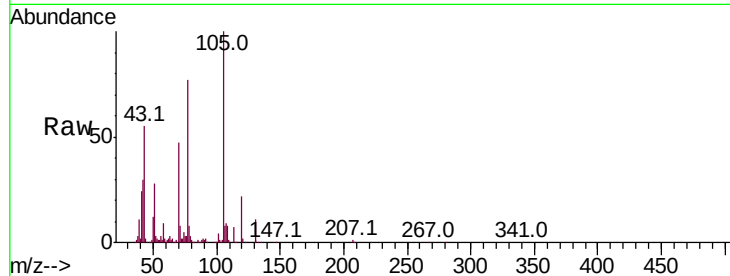




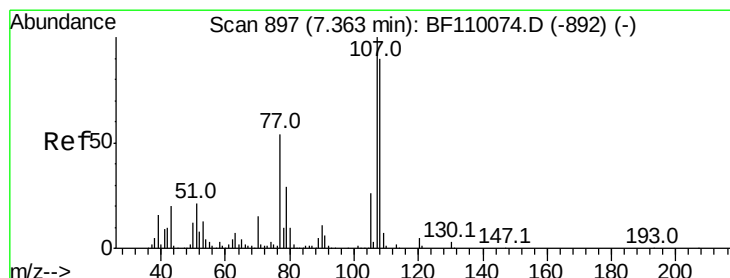
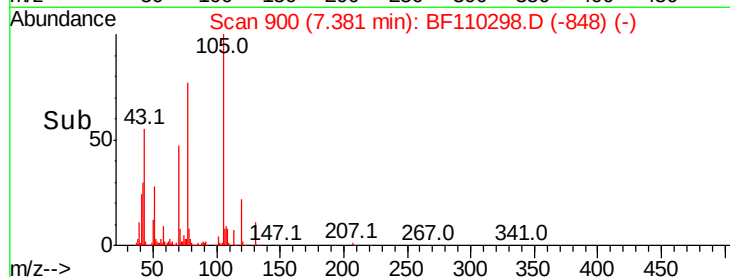
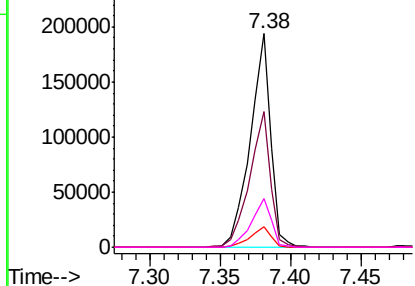
#19
n-Nitroso-di-n-propylamine
Concen: 42.351 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.01 min
Lab File: BF110298.D
Acq: 30 Oct 2018 13:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:	70	Resp:	197368
Ion	Ratio	Lower	Upper
70	100		
42	63.4	47.4	71.2
101	9.5	7.3	10.9
130	22.9	16.2	24.2

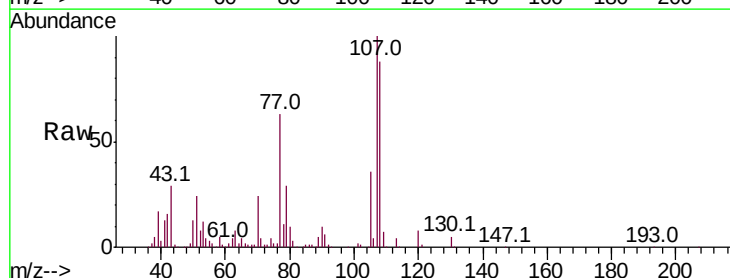


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

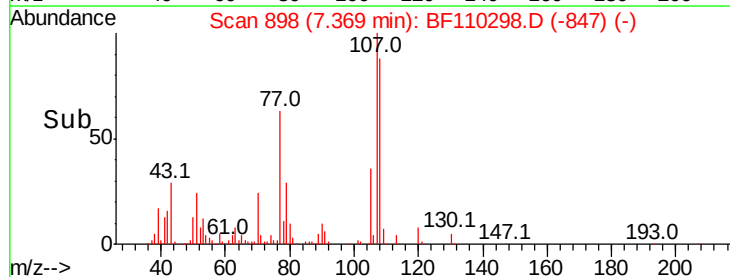
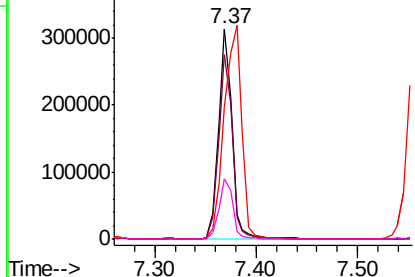


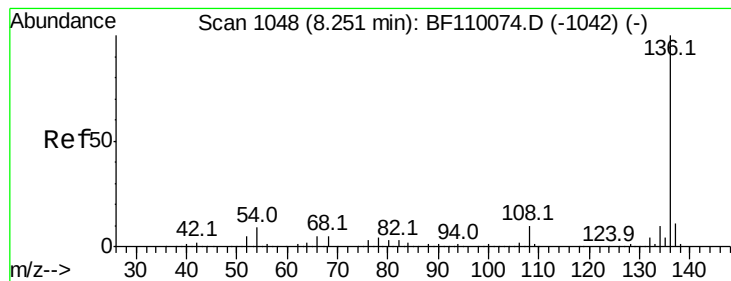
#20
3+4-Methylphenols
Concen: 42.902 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF110298.D
Acq: 30 Oct 2018 13:04

Tgt Ion:	107	Resp:	289380
Ion	Ratio	Lower	Upper
107	100		
108	87.5	71.4	111.4
77	62.5	47.3	87.3
79	28.8	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: BF110298.D

Acq: 30 Oct 2018 13:04

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 410275

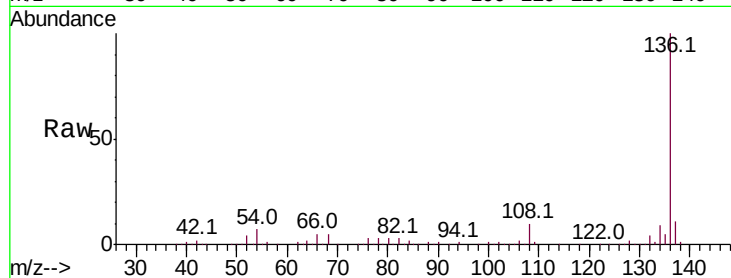
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 7.2 5.4 8.2

68 4.7 4.2 6.2

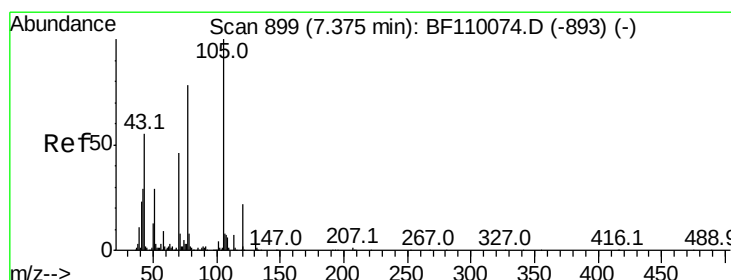
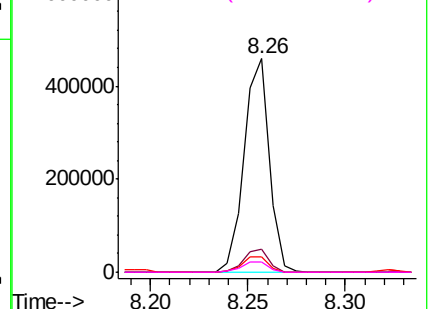
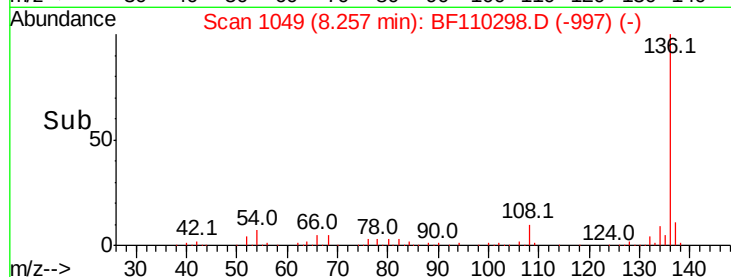


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.811 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.00 min

Lab File: BF110298.D

Acq: 30 Oct 2018 13:04

Tgt Ion:105 Resp: 385813

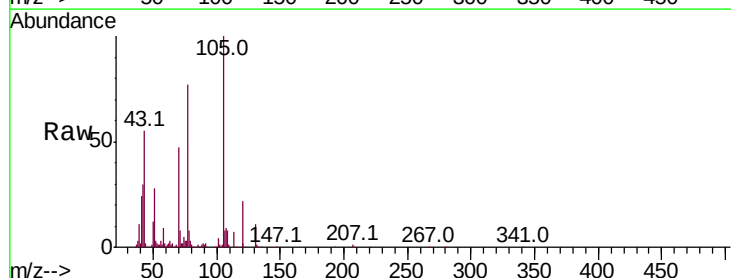
Ion Ratio Lower Upper

105 100

71 8.0 5.2 7.8#

51 28.0 21.8 32.8

120 22.2 17.0 25.4

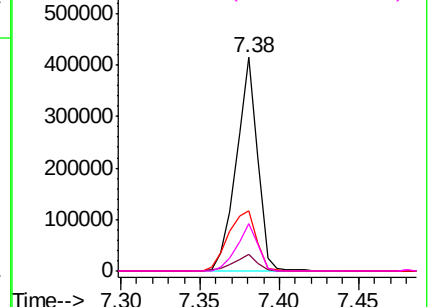
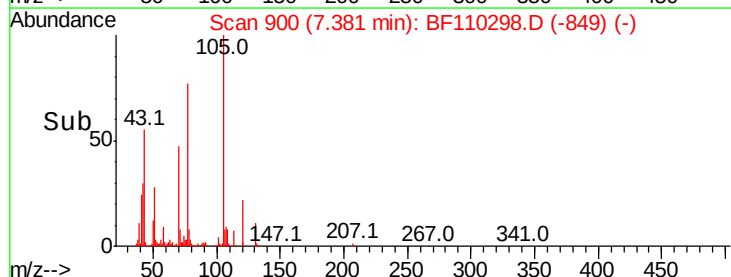


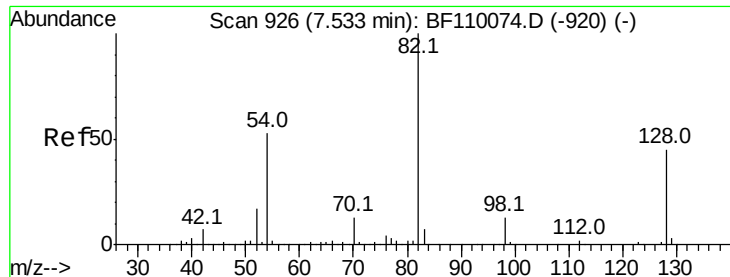
Abundance Ion 105.00 (104.70 to 105.70): E

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

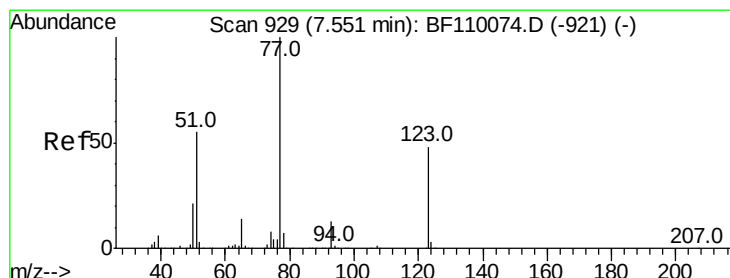
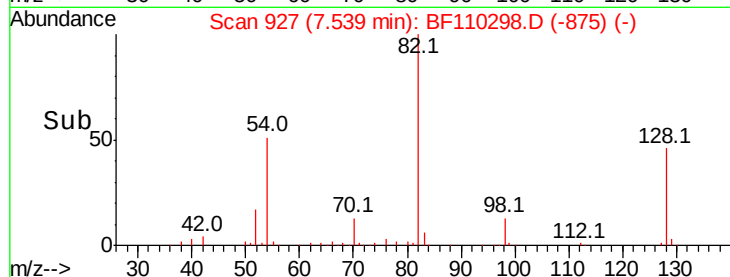
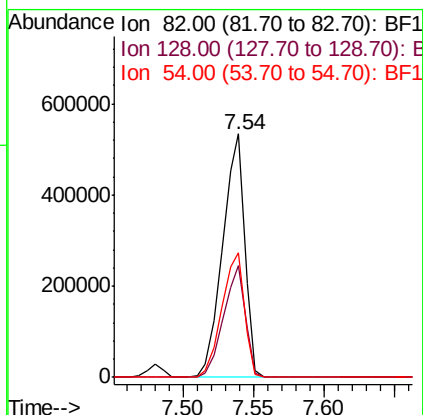
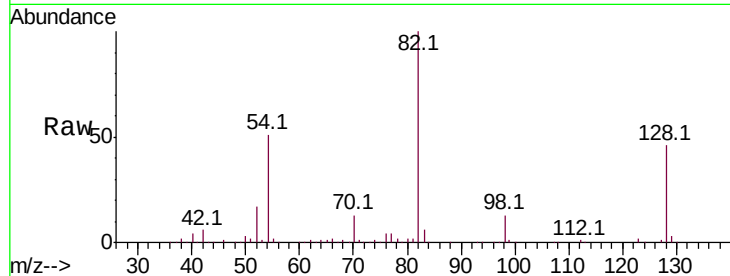




#23
 Nitrobenzene-d5
 Concen: 83.762 ng
 RT: 7.54 min Scan# 927
 Delta R.T. 0.01 min
 Lab File: BF110298.D
 Acq: 30 Oct 2018 13:04

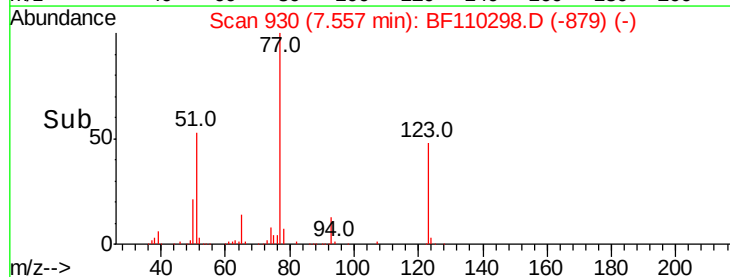
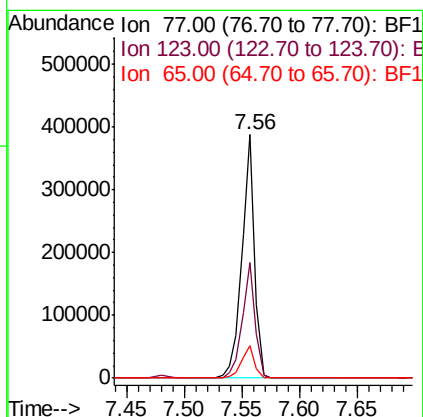
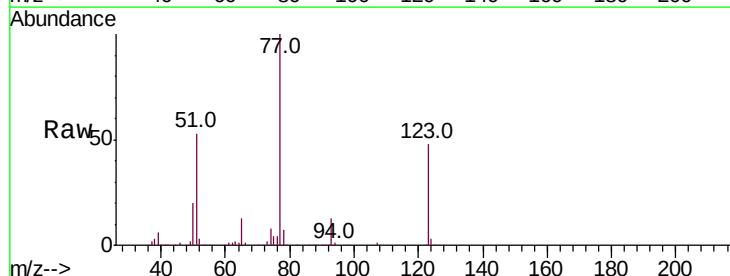
Instrument :
 BNA_F
 ClientSampled :

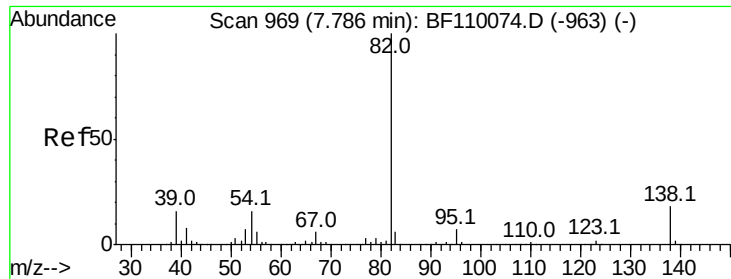
Tot Ion	82	Resp	579390
Ion Ratio	100	Lower	Upper
128	45.8	34.2	51.2
54	51.3	38.6	58.0



#24
 Nitrobenzene
 Concen: 41.635 ng
 RT: 7.56 min Scan# 930
 Delta R.T. 0.00 min
 Lab File: BF110298.D
 Acq: 30 Oct 2018 13:04

Tgt Ion	77	Resp	297330
Ion Ratio	100	Lower	Upper
123	47.7	35.7	53.5
65	13.5	10.7	16.1





#25

Isophorone

Concen: 39.910 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF110298.D

Acq: 30 Oct 2018 13:04

Instrument :

BNA_F

ClientSampled :

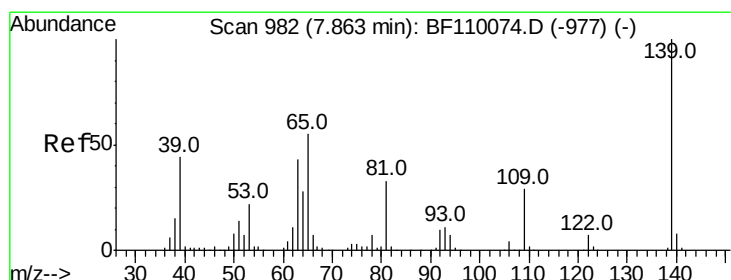
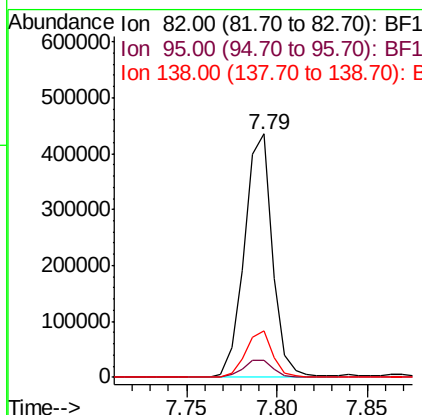
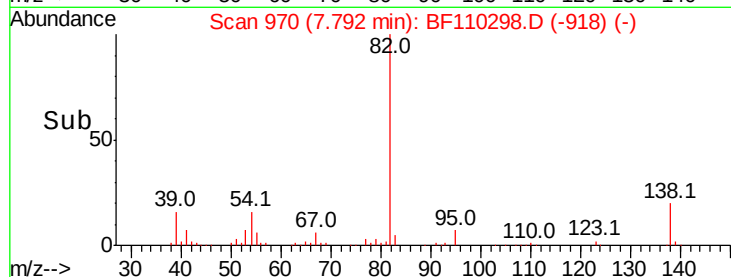
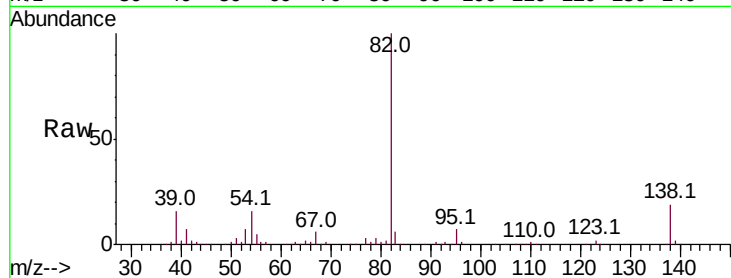
Tot Ion: 82 Resp: 470576

Ion Ratio Lower Upper

82 100

95 7.3 5.7 8.5

138 19.3 13.2 19.8



#26

2-Nitrophenol

Concen: 45.543 ng

RT: 7.87 min Scan# 983

Delta R.T. 0.00 min

Lab File: BF110298.D

Acq: 30 Oct 2018 13:04

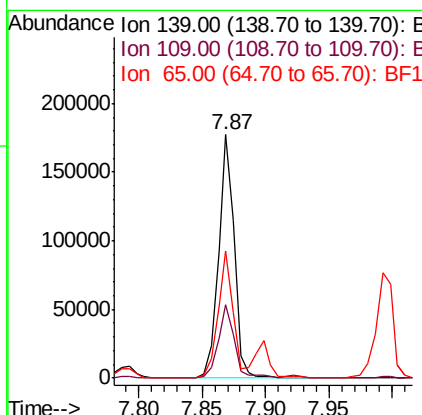
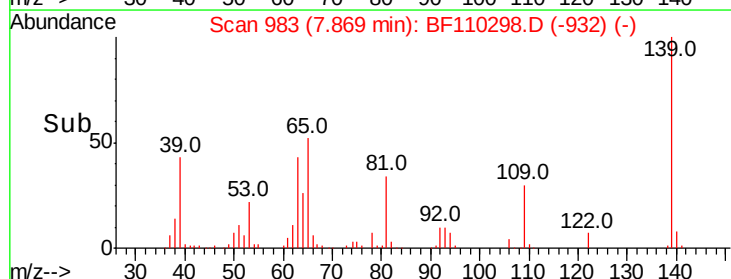
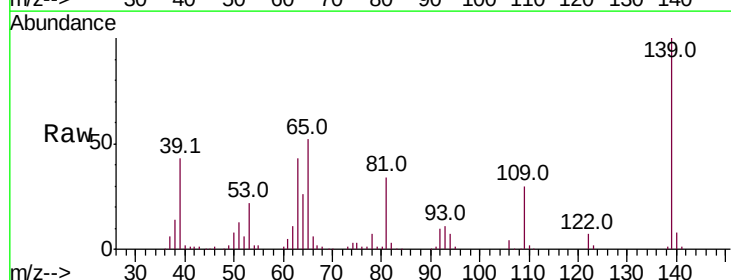
Tgt Ion: 139 Resp: 154772

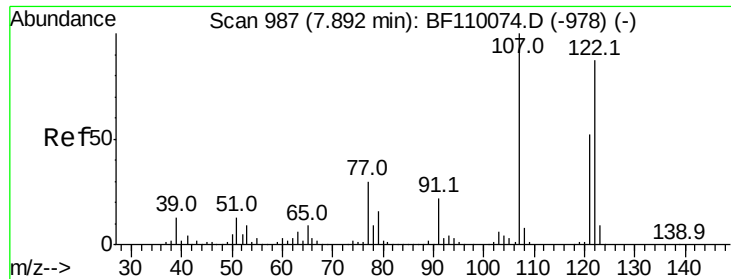
Ion Ratio Lower Upper

139 100

109 30.0 25.0 37.6

65 52.3 44.0 66.0

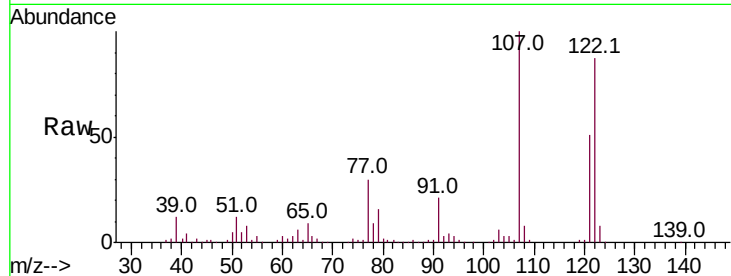




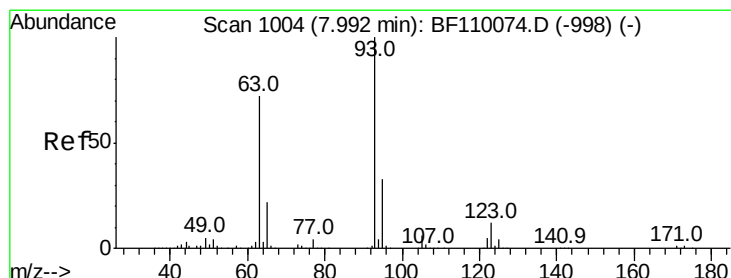
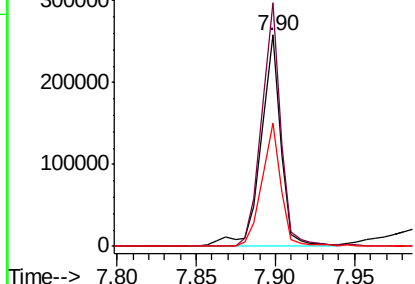
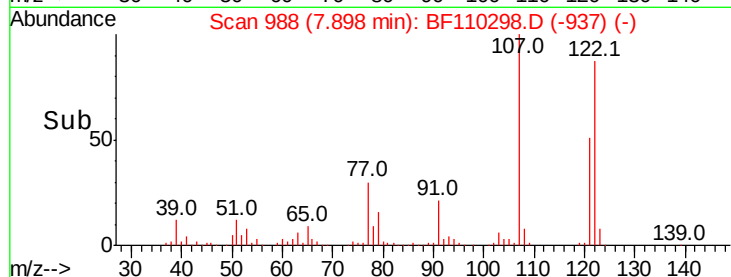
#27
 2,4-Dimethylphenol
 Concen: 40.915 ng
 RT: 7.90 min Scan# 988
 Delta R.T. 0.00 min
 Lab File: BF110298.D
 Acq: 30 Oct 2018 13:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.4	92.5	138.7
121	58.4	45.8	68.8

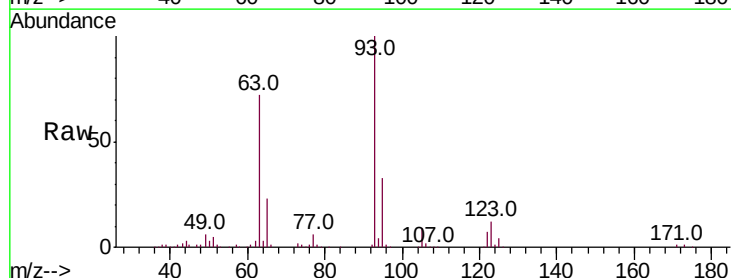


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

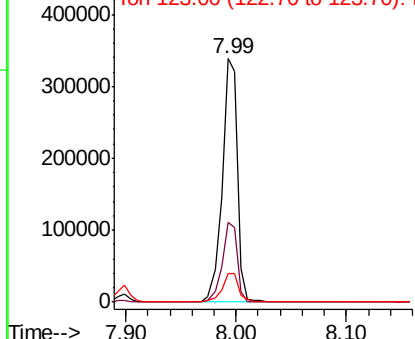
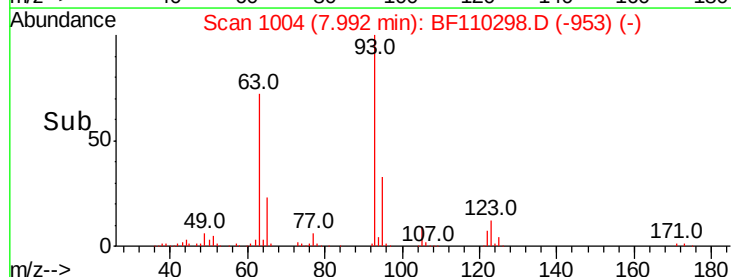


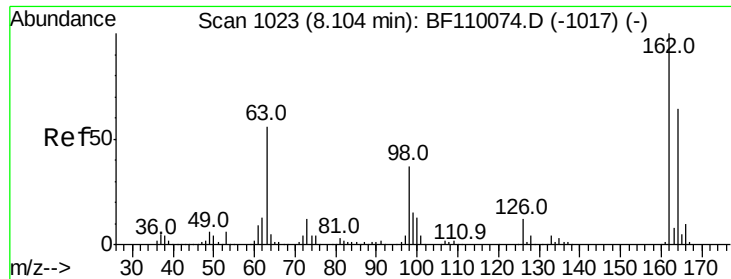
#28
 bis(2-Chloroethoxy)methane
 Concen: 40.417 ng
 RT: 7.99 min Scan# 1004
 Delta R.T. 0.00 min
 Lab File: BF110298.D
 Acq: 30 Oct 2018 13:04

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.4	39.6
123	11.9	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

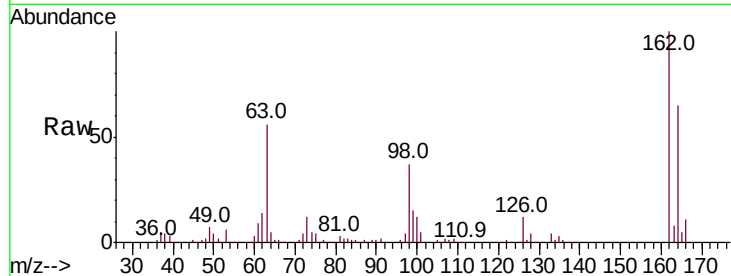




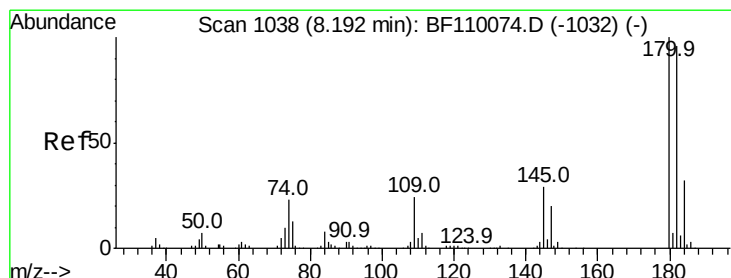
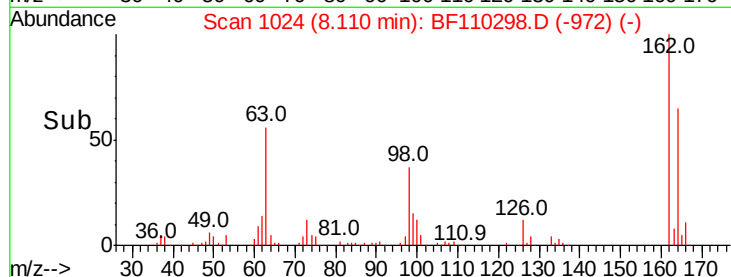
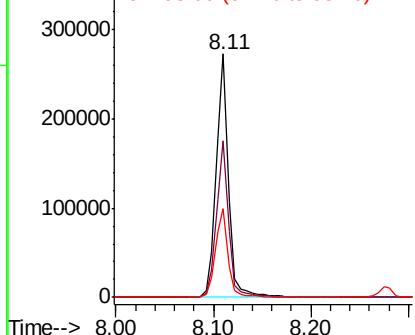
#29
 2,4-Dichlorophenol
 Concen: 41.811 ng
 RT: 8.11 min Scan# 1024
 Delta R.T. 0.01 min
 Lab File: BF110298.D
 Acq: 30 Oct 2018 13:04

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.5	44.6	84.6
98	36.7	17.4	57.4

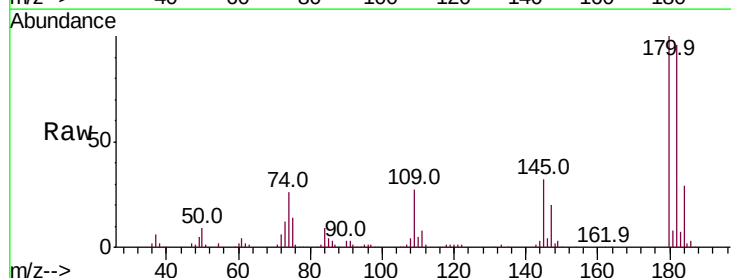


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

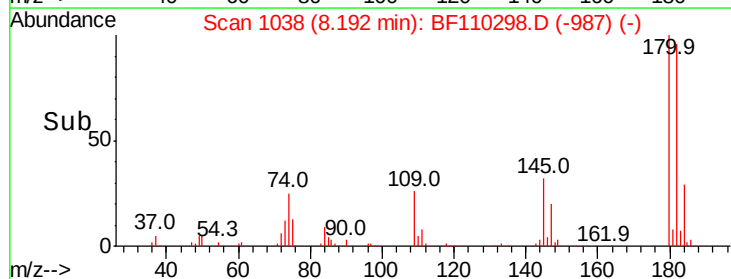
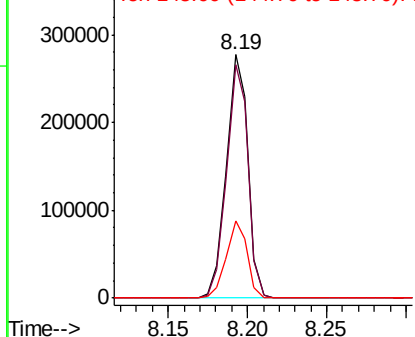


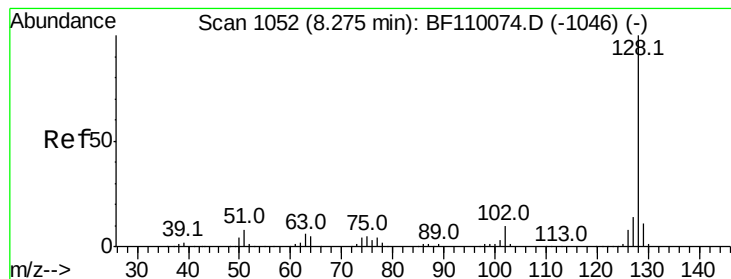
#30
 1,2,4-Trichlorobenzene
 Concen: 40.873 ng
 RT: 8.19 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: BF110298.D
 Acq: 30 Oct 2018 13:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	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: 40.644 ng

RT: 8.27 min Scan# 1052

Delta R.T. 0.00 min

Lab File: BF110298.D

Acq: 30 Oct 2018 13:04

Instrument :

BNA_F

ClientSampleId :

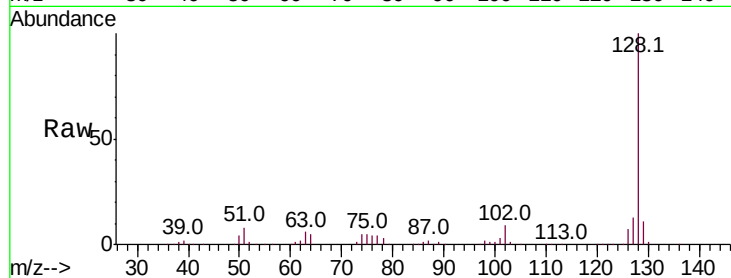
Tot Ion:128 Resp: 768546

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

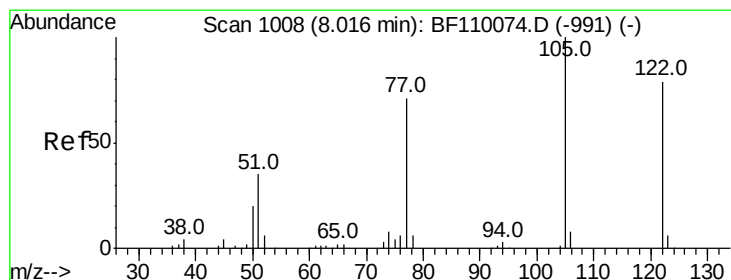
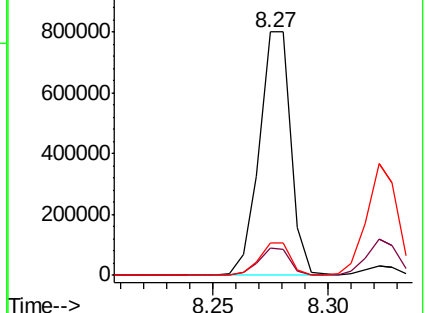
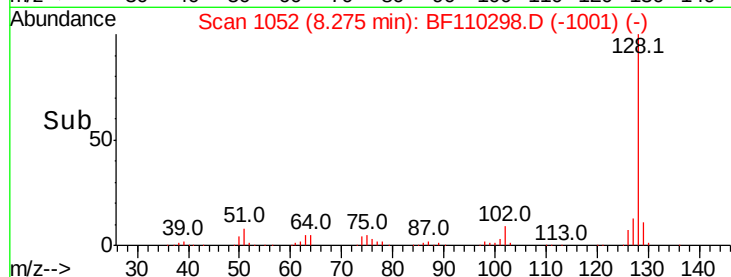
127 13.2 10.8 16.2



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: 16.077 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF110298.D

Acq: 30 Oct 2018 13:04

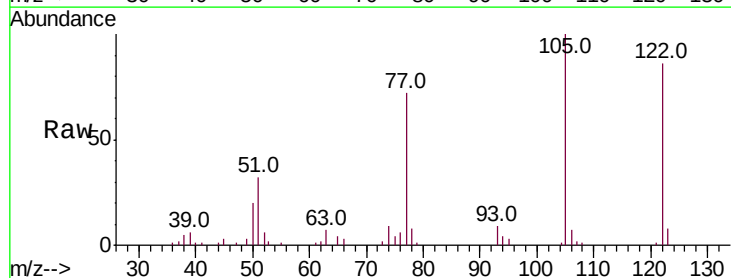
Tgt Ion:122 Resp: 70009

Ion Ratio Lower Upper

122 100

105 115.6 109.0 149.0

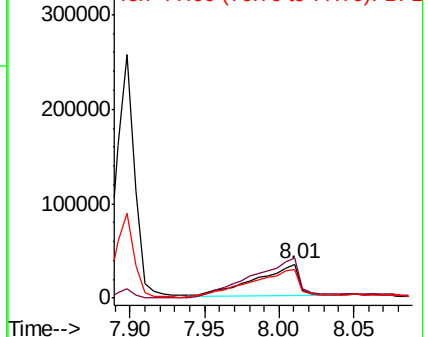
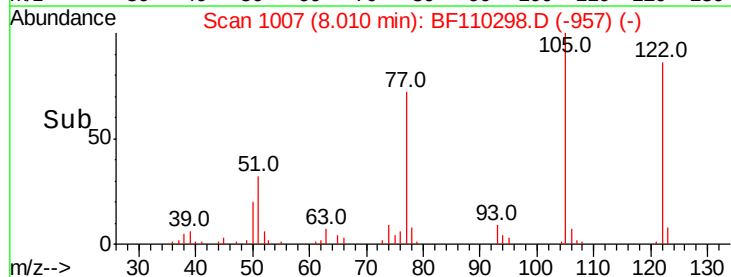
77 83.0 79.0 119.0

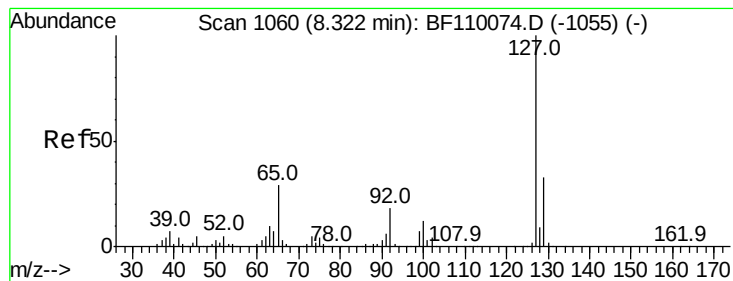


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 41.615 ng

RT: 8.32 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BF110298.D

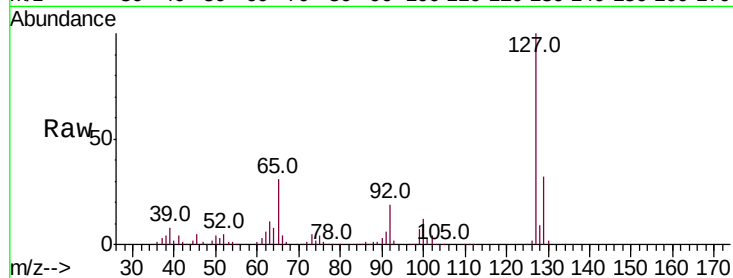
Acq: 30 Oct 2018 13:04

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	127	Resp:	354152
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.0	39.0
65	30.8	25.1	37.7
92	18.8	15.0	22.6

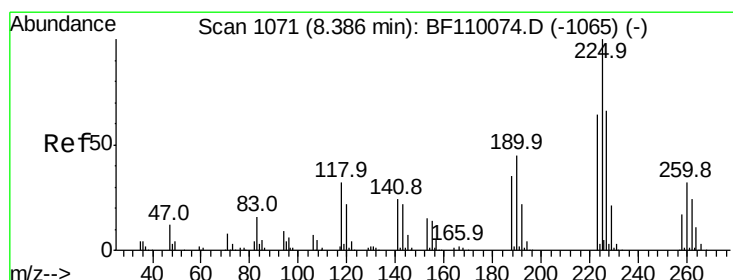
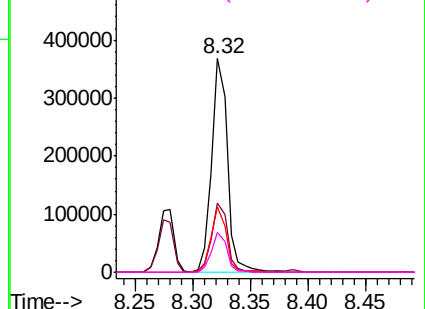
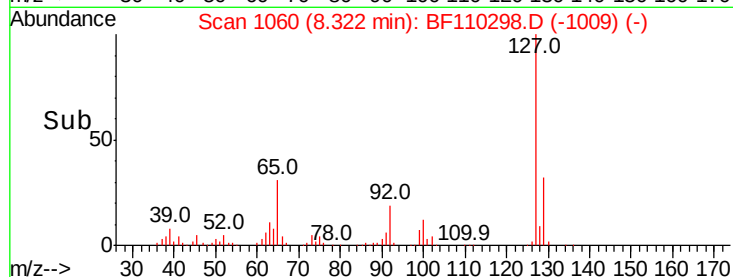


Abundance Ion 127.00 (126.70 to 127.70): E

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: 41.683 ng

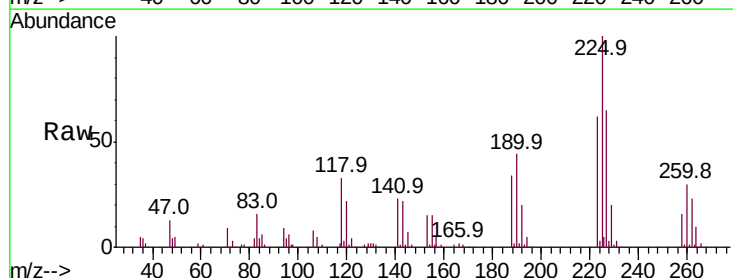
RT: 8.39 min Scan# 1071

Delta R.T. 0.00 min

Lab File: BF110298.D

Acq: 30 Oct 2018 13:04

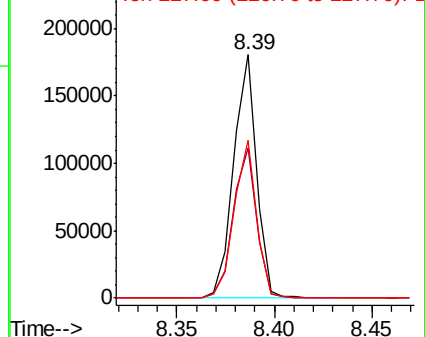
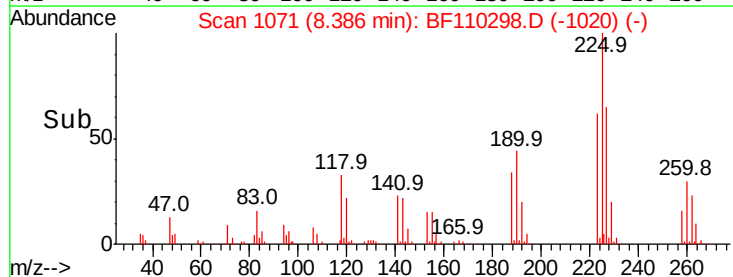
Tgt Ion:	225	Resp:	147565
Ion	Ratio	Lower	Upper
225	100		
223	61.7	51.4	77.2
227	64.7	51.0	76.6

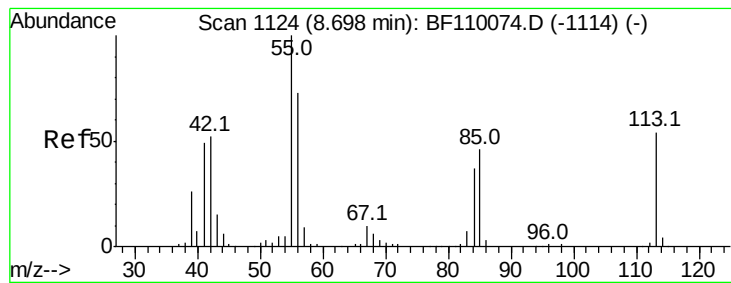


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 39.463 ng

RT: 8.70 min Scan# 1125

Delta R.T. 0.01 min

Lab File: BF110298.D

Acq: 30 Oct 2018 13:04

Instrument :

BNA_F

ClientSampled :

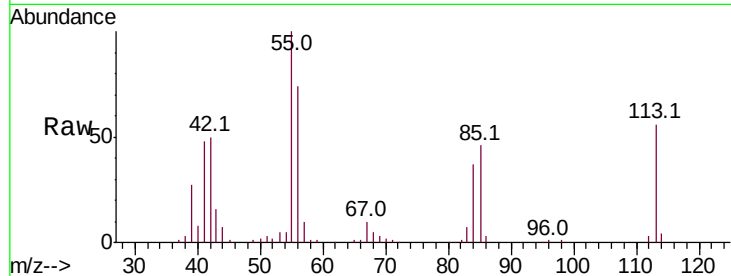
Tot Ion:113 Resp: 78295

Ion Ratio Lower Upper

113 100

55 177.2 142.8 182.8

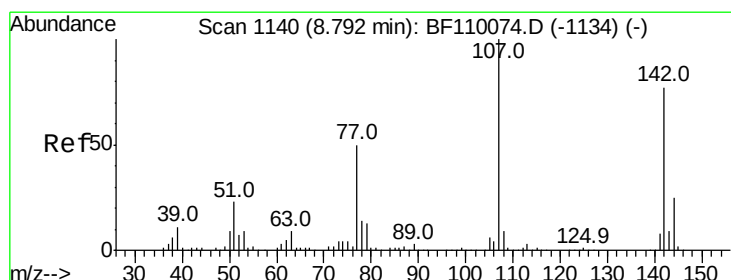
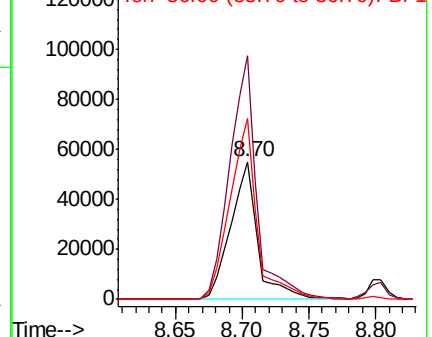
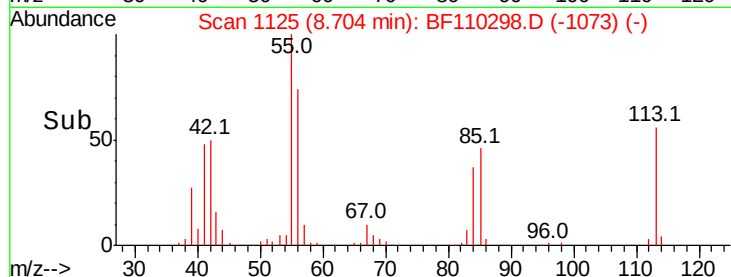
56 131.6 105.0 145.0



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: 42.255 ng

RT: 8.80 min Scan# 1142

Delta R.T. 0.01 min

Lab File: BF110298.D

Acq: 30 Oct 2018 13:04

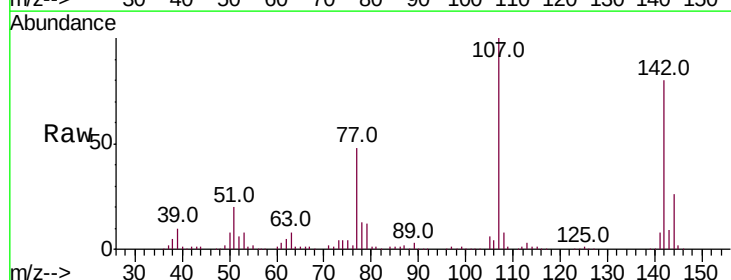
Tgt Ion:107 Resp: 260096

Ion Ratio Lower Upper

107 100

144 26.0 20.0 30.0

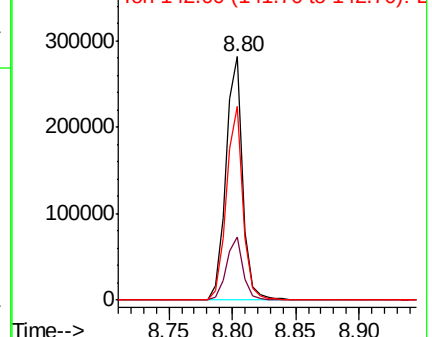
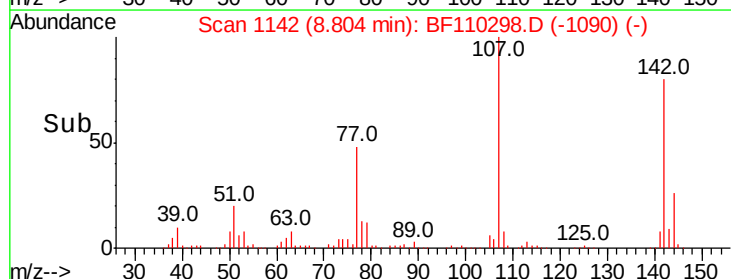
142 79.6 59.7 89.5

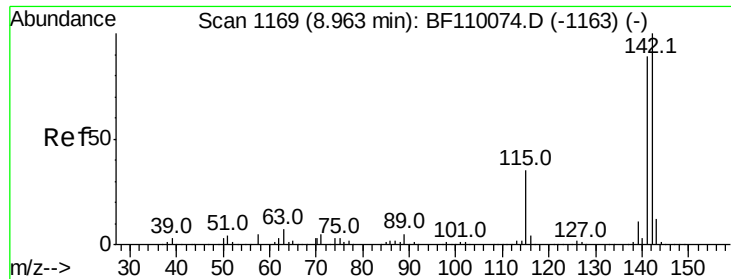


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

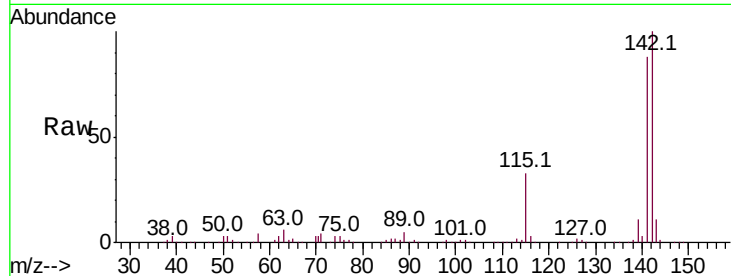




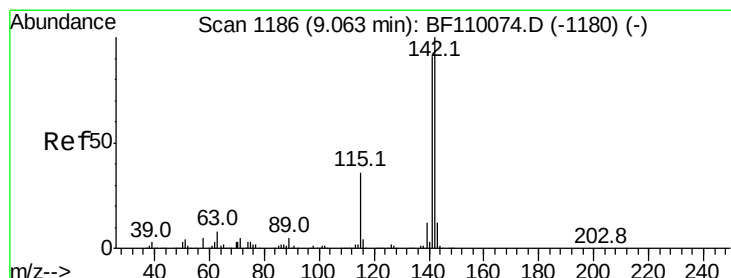
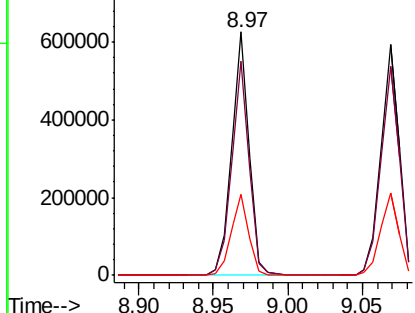
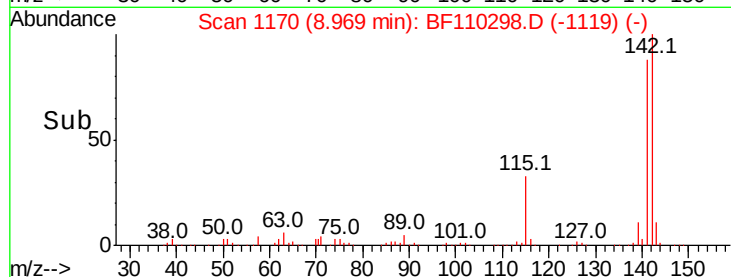
#37
 2-Methylnaphthalene
 Concen: 41.505 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. 0.00 min
 Lab File: BF110298.D
 Acq: 30 Oct 2018 13:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.8	71.4	107.2
115	33.4	28.7	43.1

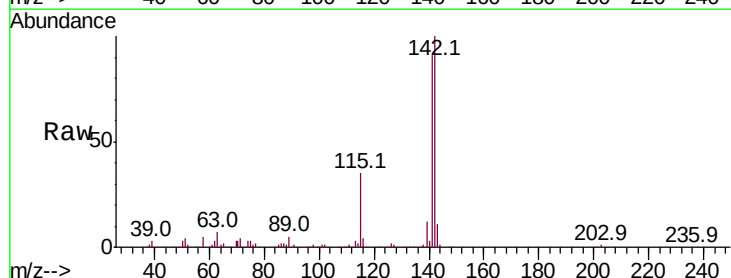


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

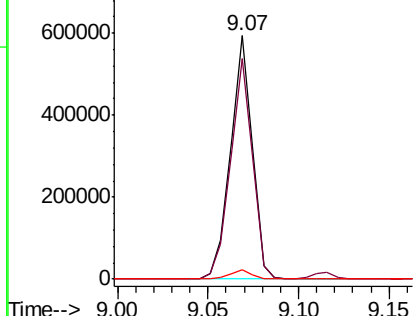
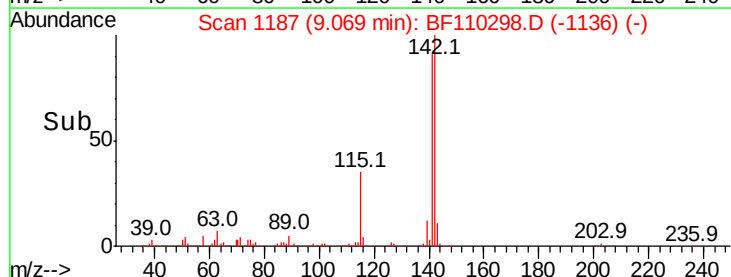


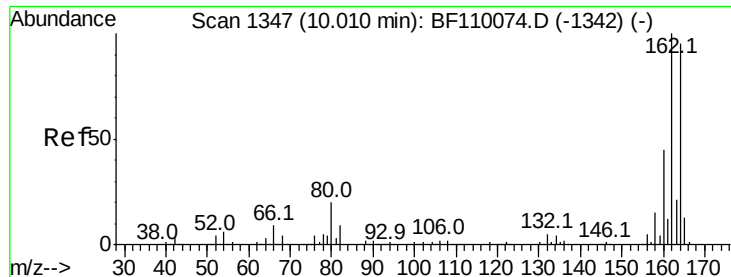
#38
 1-Methylnaphthalene
 Concen: 41.381 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. 0.00 min
 Lab File: BF110298.D
 Acq: 30 Oct 2018 13:04

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.6	74.2	111.4
116	3.6	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. 0.00 min

Lab File: BF110298.D

Acq: 30 Oct 2018 13:04

Instrument :

BNA_F

ClientSampleId :

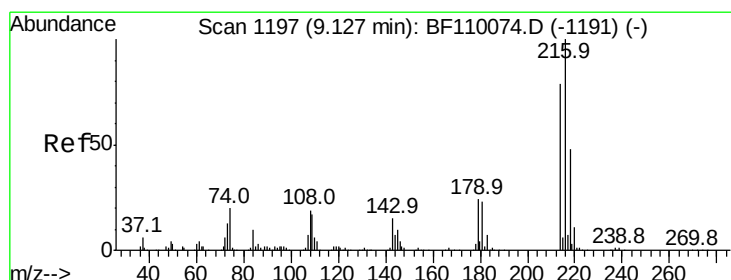
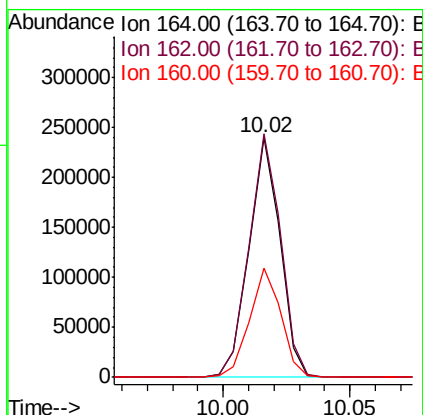
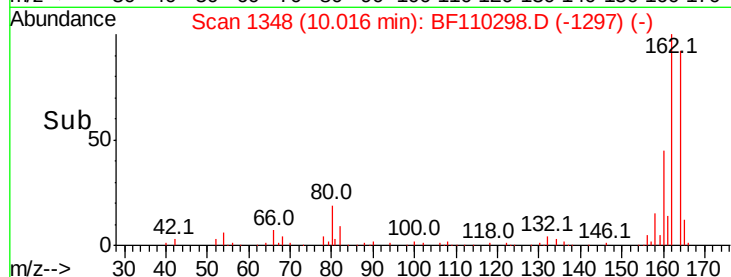
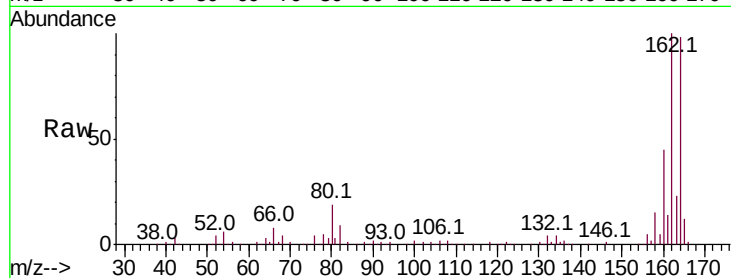
Tot Ion:164 Resp: 205604

Ion Ratio Lower Upper

164 100

162 101.6 83.0 124.6

160 45.6 37.0 55.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.872 ng

RT: 9.13 min Scan# 1198

Delta R.T. 0.00 min

Lab File: BF110298.D

Acq: 30 Oct 2018 13:04

Tgt Ion:216 Resp: 255424

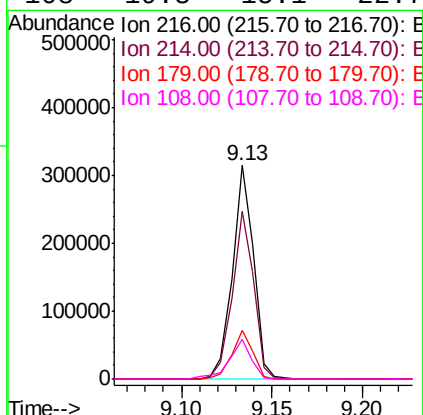
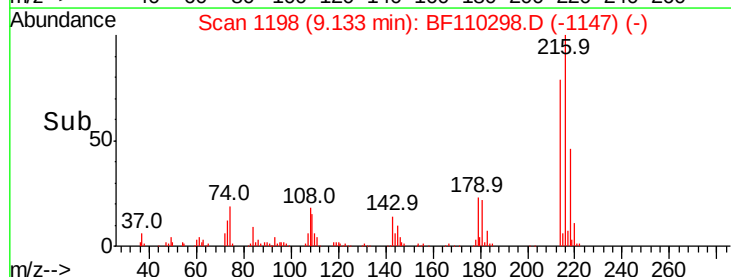
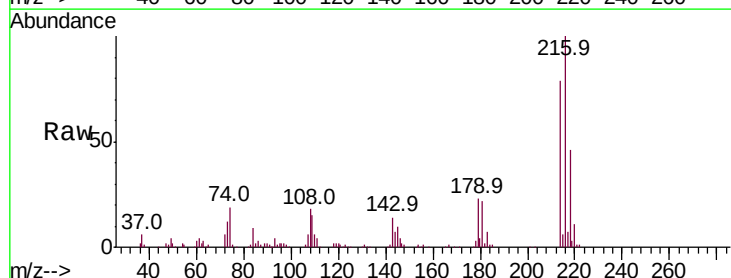
Ion Ratio Lower Upper

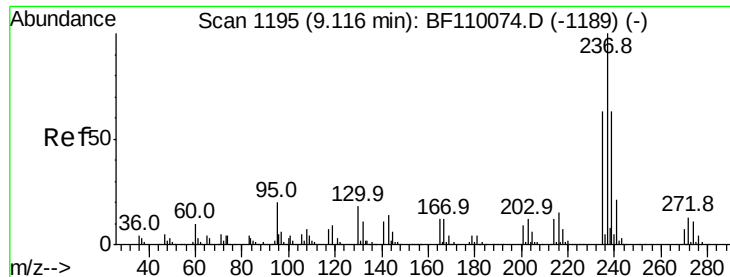
216 100

214 79.2 63.8 95.6

179 22.9 16.6 25.0

108 19.3 15.1 22.7

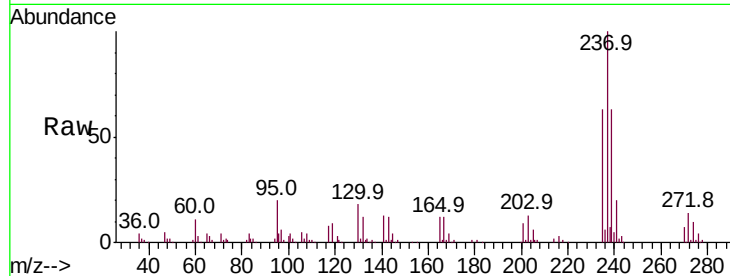




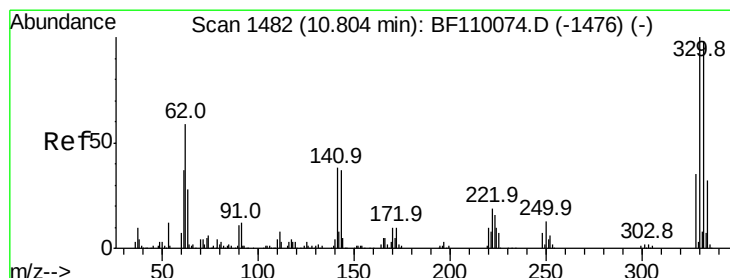
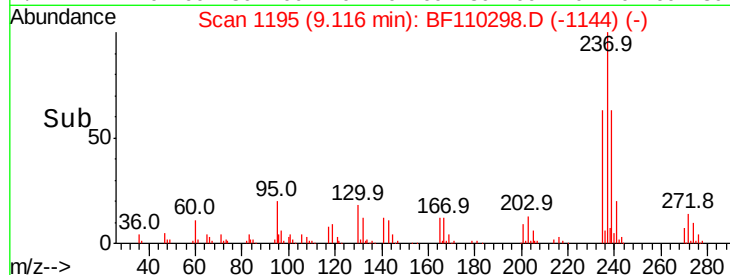
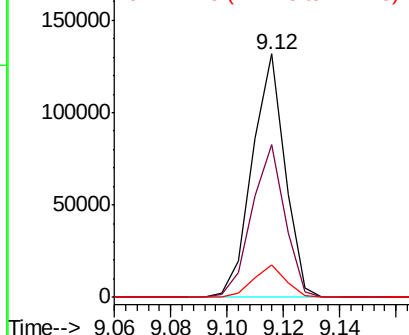
#41
Hexachlorocyclopentadiene
Concen: 32.393 ng
RT: 9.12 min Scan# 1195
Delta R.T. 0.00 min
Lab File: BF110298.D
Acq: 30 Oct 2018 13:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	62.9	43.1	83.1
272	13.6	0.0	32.6

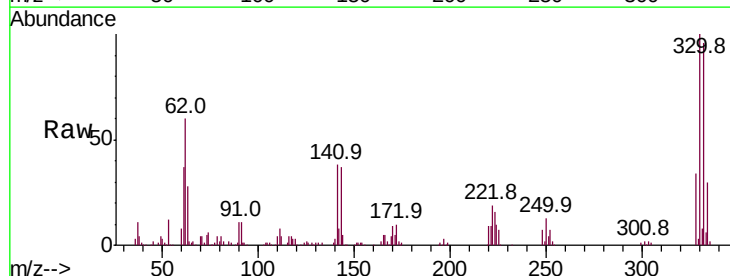


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

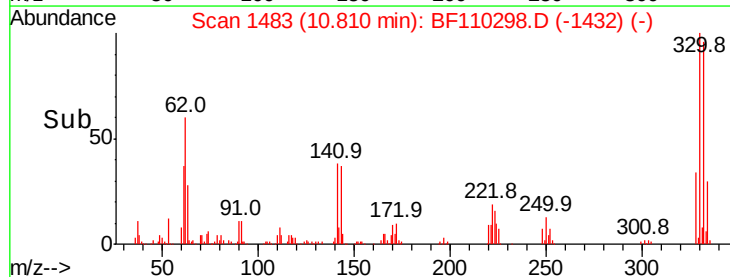
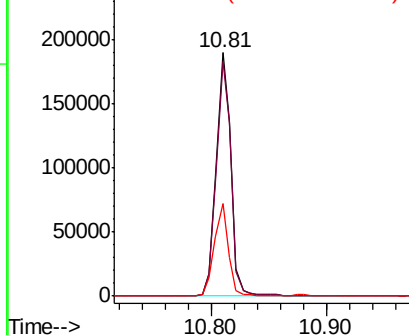


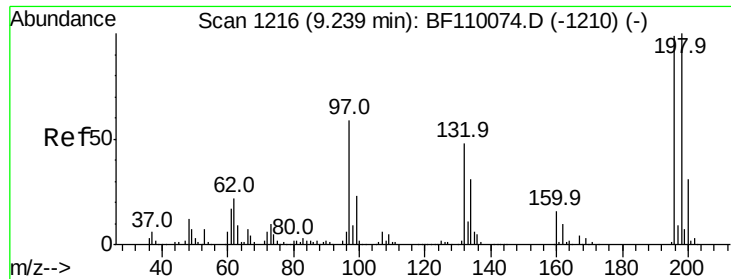
#42
2,4,6-Tribromophenol
Concen: 82.174 ng
RT: 10.81 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BF110298.D
Acq: 30 Oct 2018 13:04

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.1	115.7
141	36.2	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

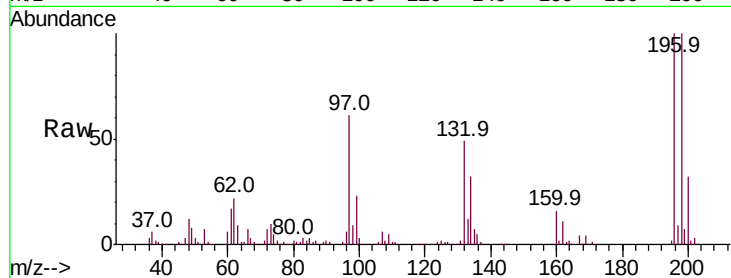




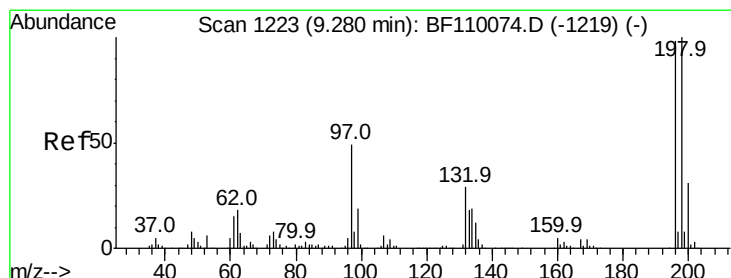
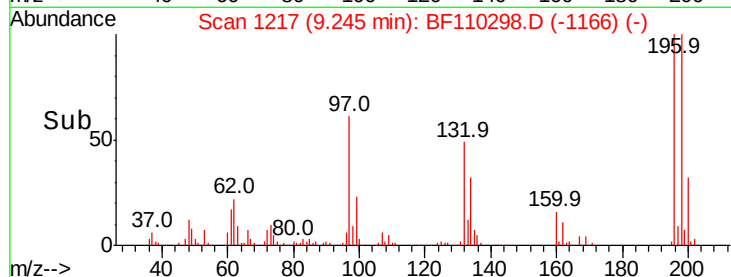
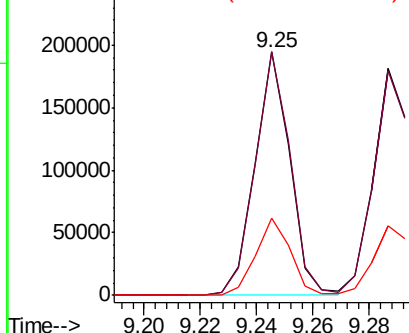
#43
 2,4,6-Trichlorophenol
 Concen: 40.515 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: BF110298.D
 Acq: 30 Oct 2018 13:04

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 167405
 Ion Ratio Lower Upper
 196 100
 198 100.0 76.2 114.4
 200 31.5 24.4 36.6

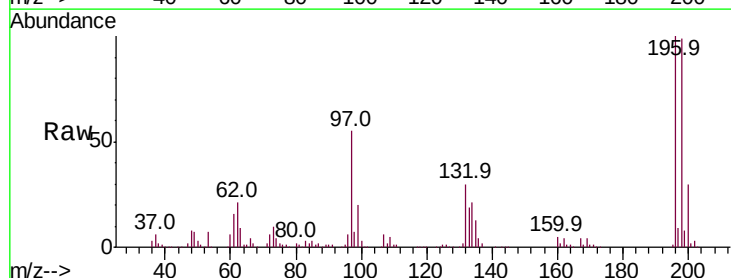


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

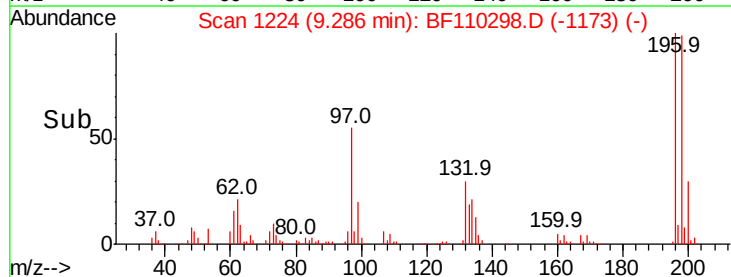
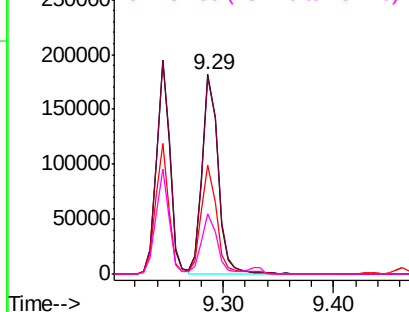


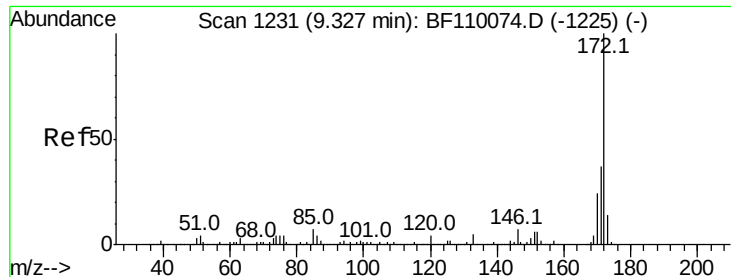
#44
 2,4,5-Trichlorophenol
 Concen: 40.490 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: BF110298.D
 Acq: 30 Oct 2018 13:04

Tgt Ion:196 Resp: 176844
 Ion Ratio Lower Upper
 196 100
 198 98.7 75.8 113.6
 97 54.6 42.4 63.6
 132 30.5 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



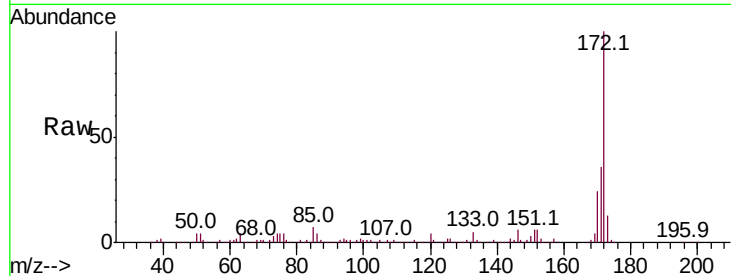


#45
 2-Fluorobiphenyl
 Concen: 83.321 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BF110298.D
 Acq: 30 Oct 2018 13:04

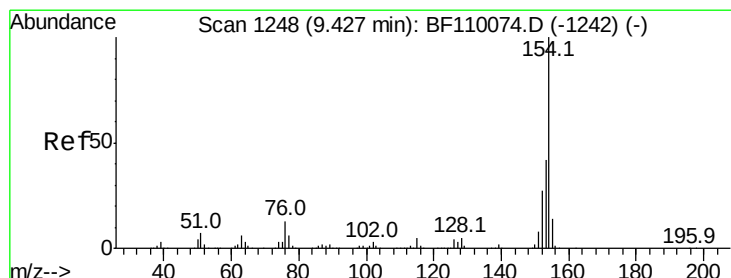
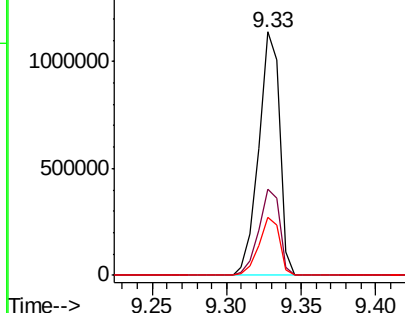
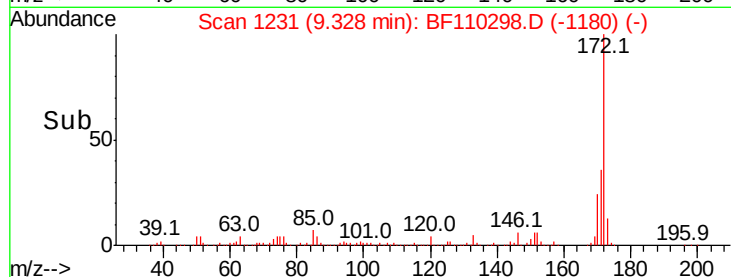
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 1090974

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	43.0
170	23.6	19.7	29.5



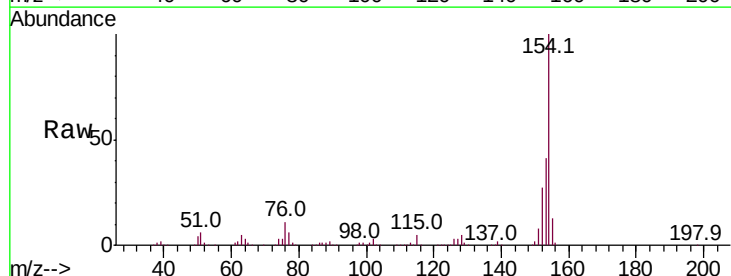
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



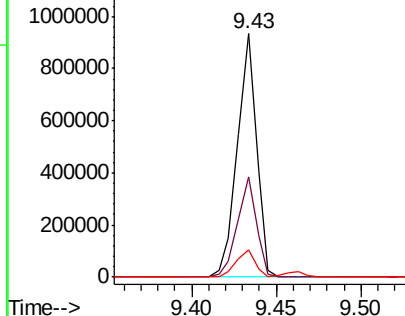
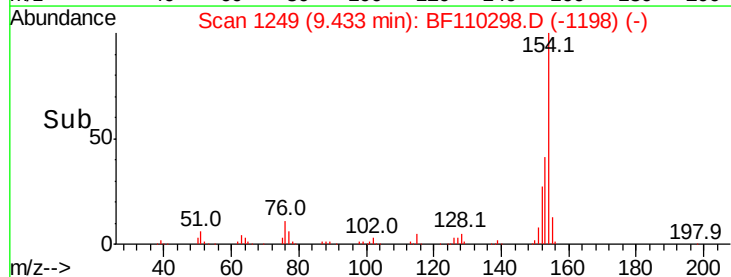
#46
 1,1'-Biphenyl
 Concen: 39.712 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. 0.00 min
 Lab File: BF110298.D
 Acq: 30 Oct 2018 13:04

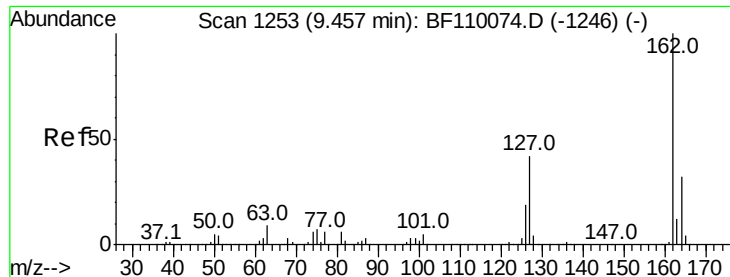
Tgt Ion:154 Resp: 738349

Ion	Ratio	Lower	Upper
154	100		
153	40.9	20.4	60.4
76	11.4	0.0	31.9



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

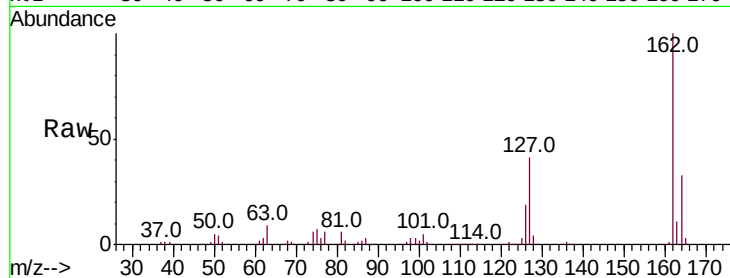




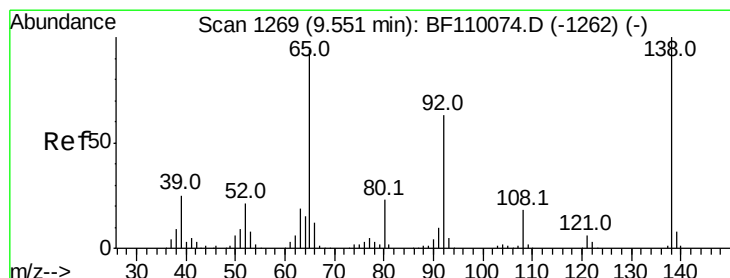
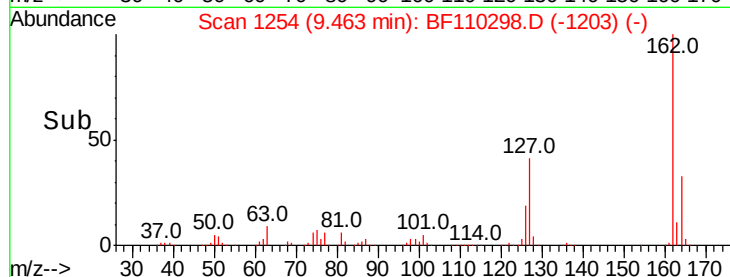
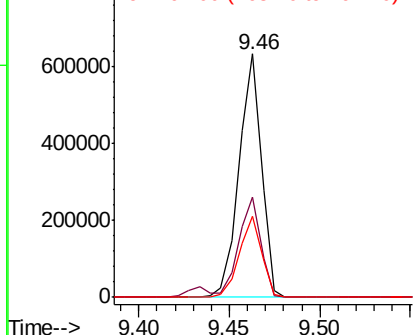
#47
 2-Chloronaphthalene
 Concen: 39.770 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. 0.00 min
 Lab File: BF110298.D
 Acq: 30 Oct 2018 13:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.4	32.6	48.8
164	33.0	25.9	38.9

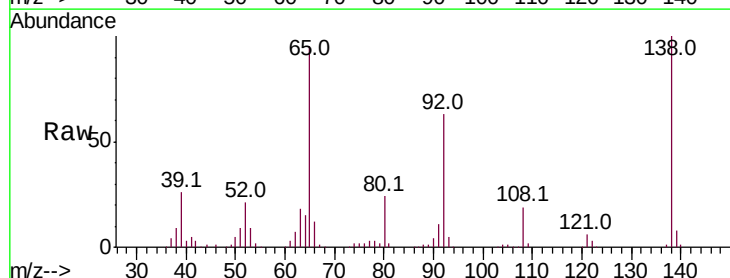


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

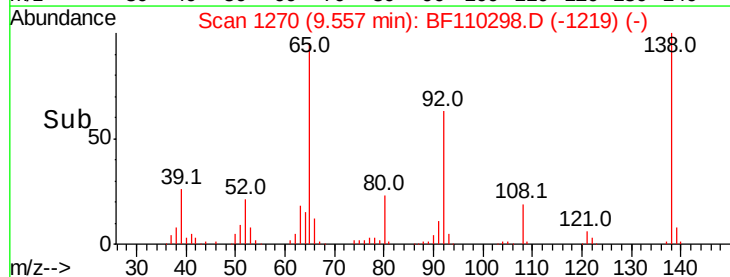
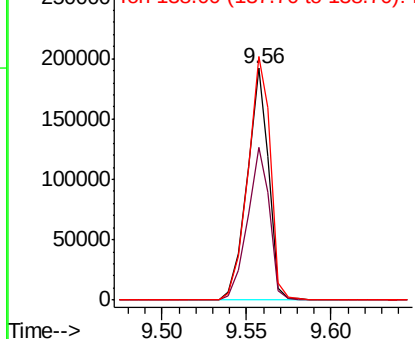


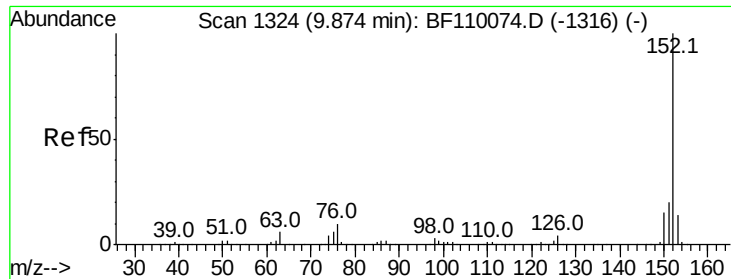
#48
 2-Nitroaniline
 Concen: 40.948 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: BF110298.D
 Acq: 30 Oct 2018 13:04

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.3	54.6	81.8
138	105.2	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: 39.690 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.01 min

Lab File: BF110298.D

Acq: 30 Oct 2018 13:04

Instrument :

BNA_F

ClientSampleId :

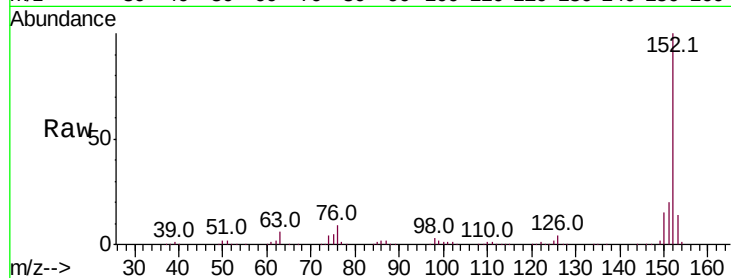
Tot Ion:152 Resp: 781835

Ion Ratio Lower Upper

152 100

151 20.3 15.8 23.8

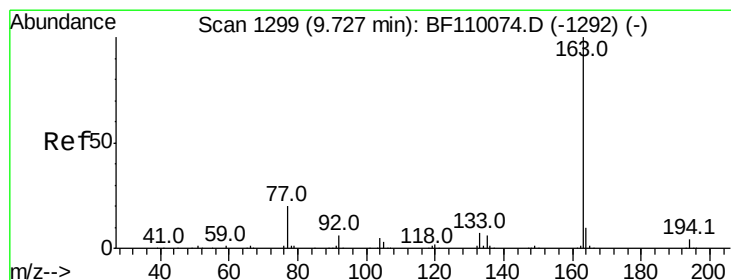
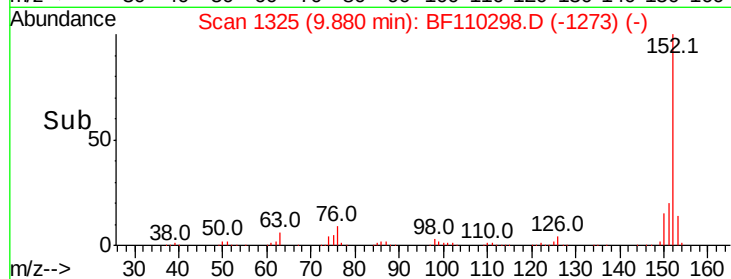
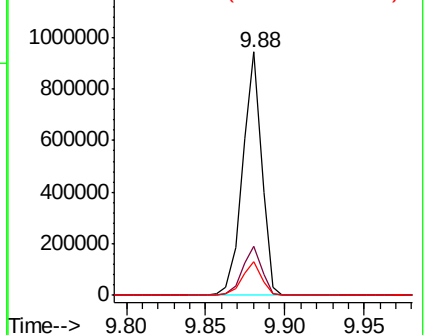
153 13.9 10.4 15.6



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: 39.918 ng

RT: 9.73 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BF110298.D

Acq: 30 Oct 2018 13:04

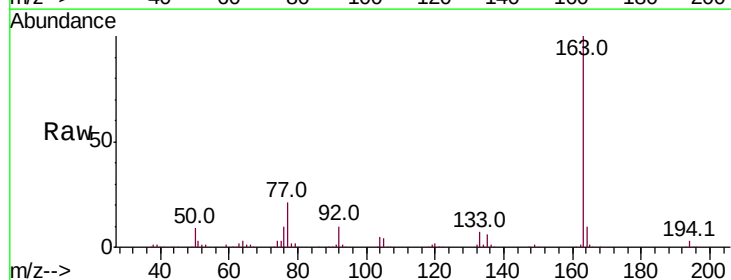
Tgt Ion:163 Resp: 605843

Ion Ratio Lower Upper

163 100

194 3.5 3.2 4.8

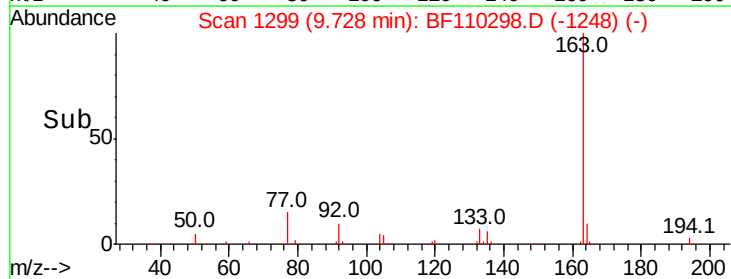
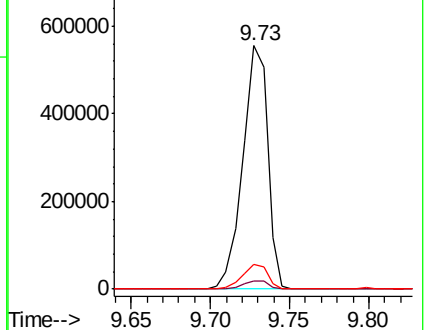
164 10.4 8.1 12.1

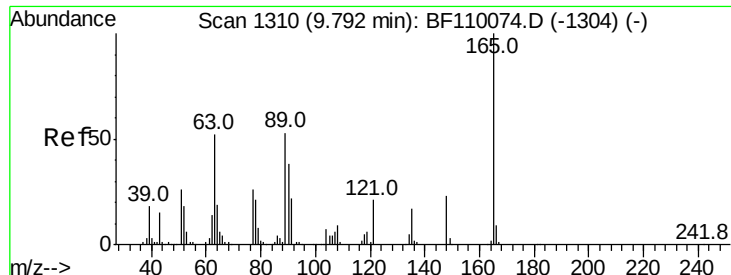


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

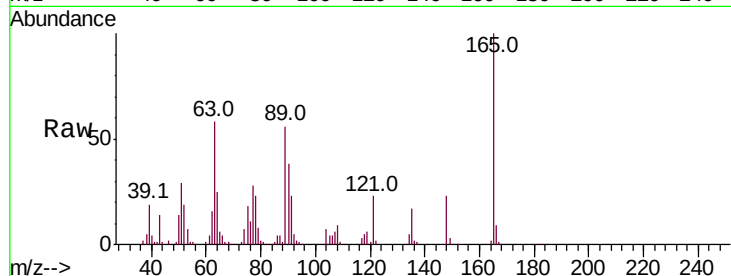




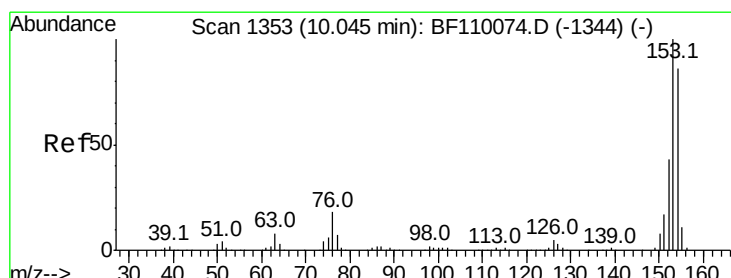
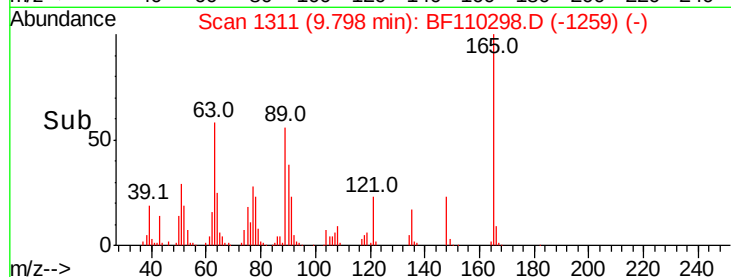
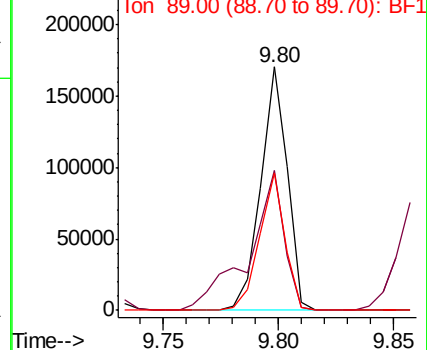
#51
2,6-Dinitrotoluene
Concen: 41.930 ng
RT: 9.80 min Scan# 1311
Delta R.T. 0.01 min
Lab File: BF110298.D
Acq: 30 Oct 2018 13:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:165 Resp: 137077
Ion Ratio Lower Upper
165 100
63 57.7 48.9 73.3
89 56.2 46.6 69.8

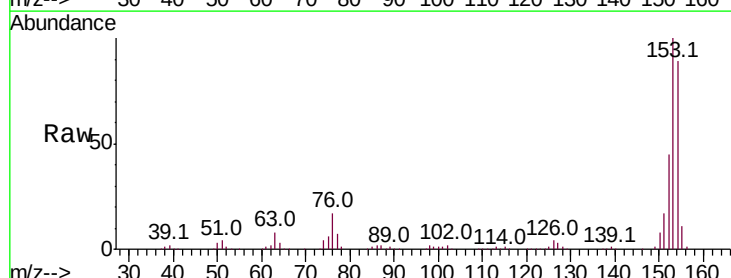


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

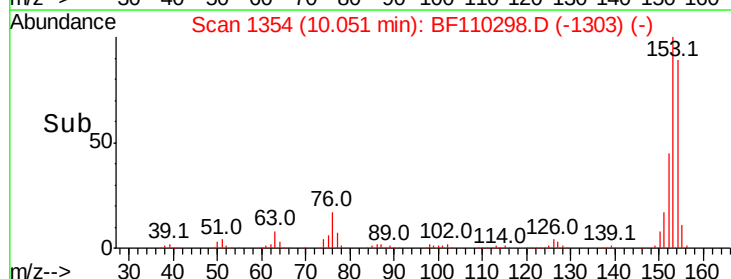
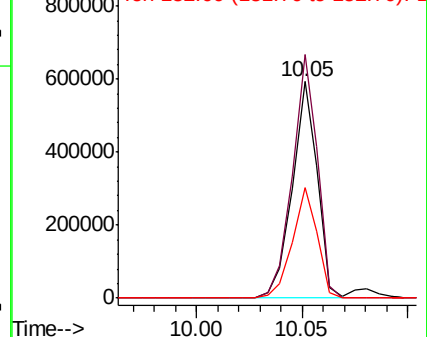


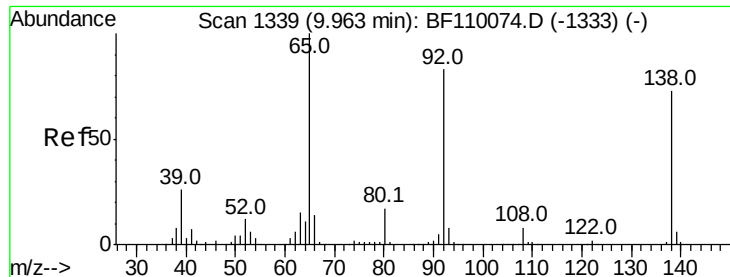
#52
Acenaphthene
Concen: 37.578 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.00 min
Lab File: BF110298.D
Acq: 30 Oct 2018 13:04

Tgt Ion:154 Resp: 489702
Ion Ratio Lower Upper
154 100
153 112.4 90.1 135.1
152 51.0 43.4 65.2



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

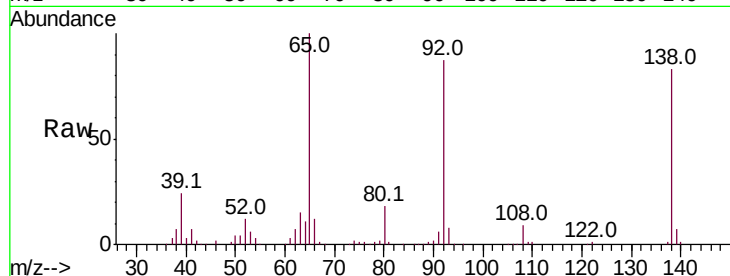




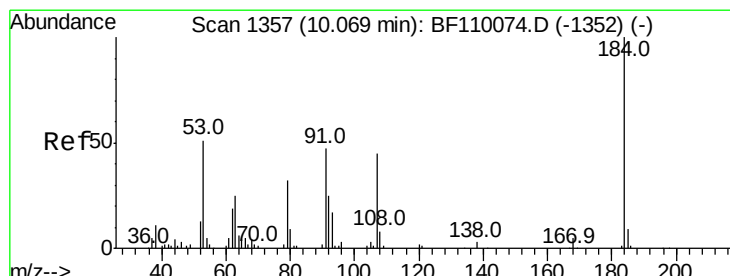
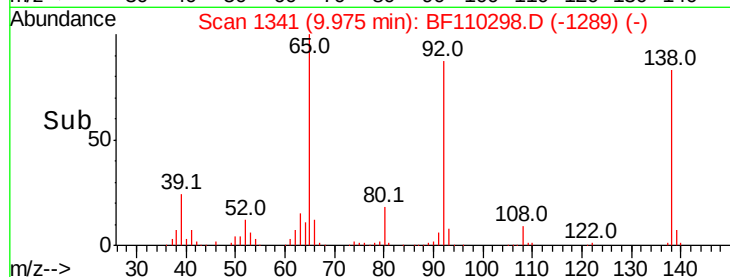
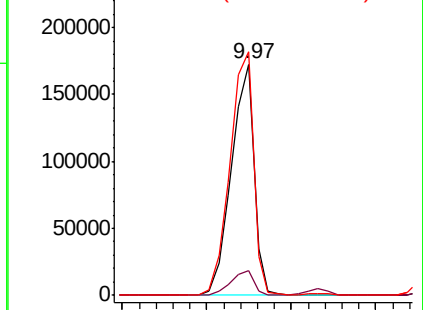
#53
3-Nitroaniline
Concen: 41.430 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF110298.D
Acq: 30 Oct 2018 13:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 161068
Ion Ratio Lower Upper
138 100
108 10.5 8.7 13.1
92 105.4 97.0 145.4

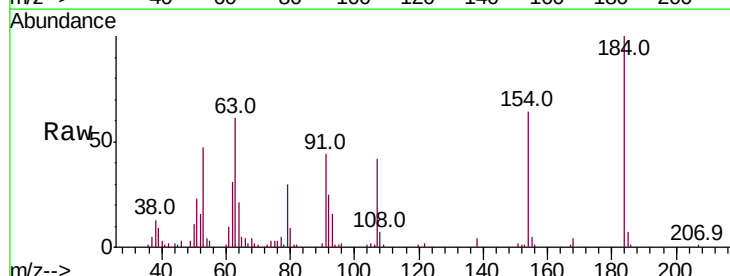


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

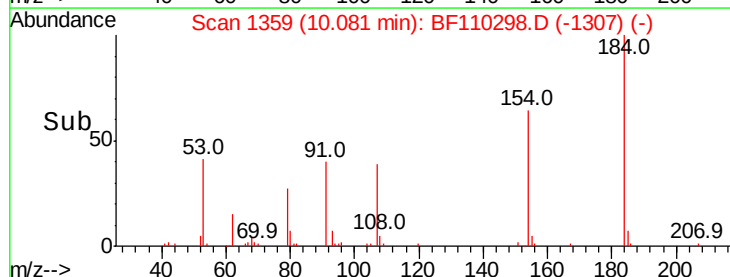
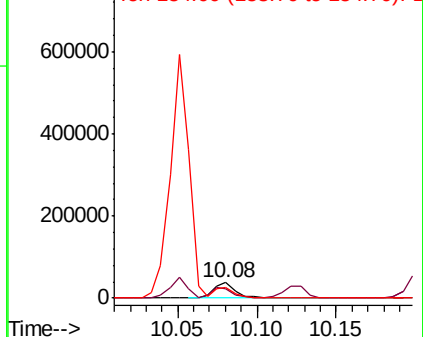


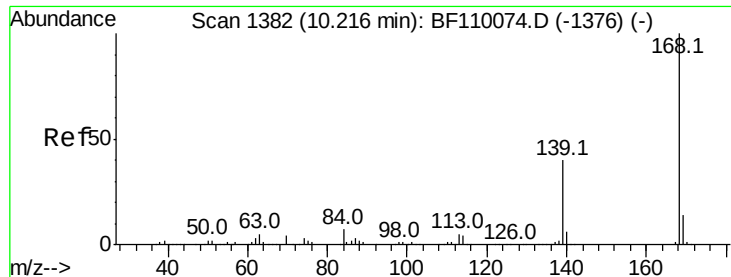
#54
2,4-Dinitrophenol
Concen: 31.854 ng
RT: 10.08 min Scan# 1359
Delta R.T. 0.01 min
Lab File: BF110298.D
Acq: 30 Oct 2018 13:04

Tgt Ion:184 Resp: 37010
Ion Ratio Lower Upper
184 100
63 60.6 55.8 83.6
154 63.8 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: 39.830 ng

RT: 10.22 min Scan# 1383

Delta R.T. 0.00 min

Lab File: BF110298.D

Acq: 30 Oct 2018 13:04

Instrument :

BNA_F

ClientSampleId :

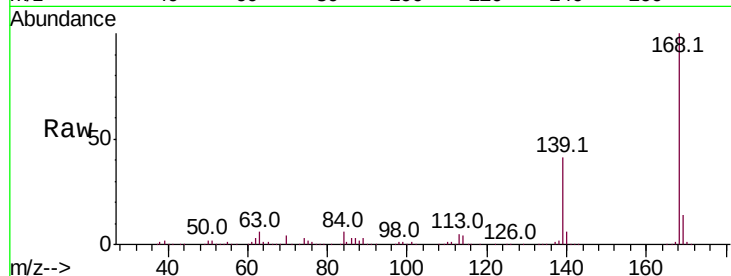
Tot Ion:168 Resp: 726708

Ion Ratio Lower Upper

168 100

139 40.9 33.0 49.6

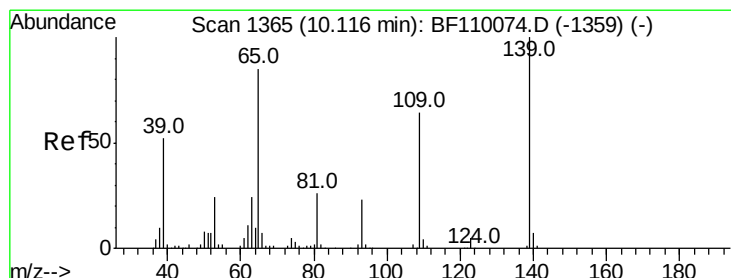
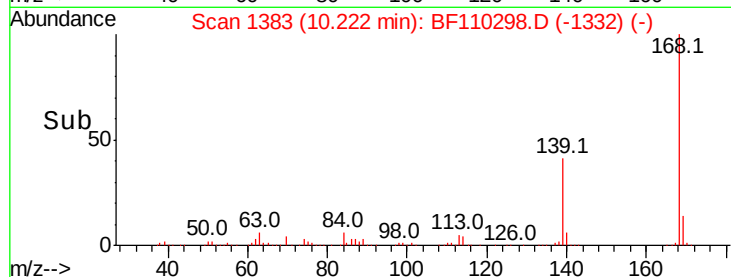
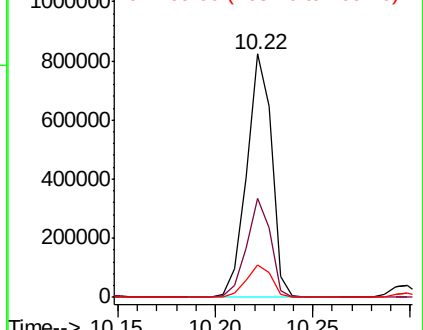
169 13.5 11.3 16.9



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: 37.987 ng

RT: 10.13 min Scan# 1367

Delta R.T. 0.01 min

Lab File: BF110298.D

Acq: 30 Oct 2018 13:04

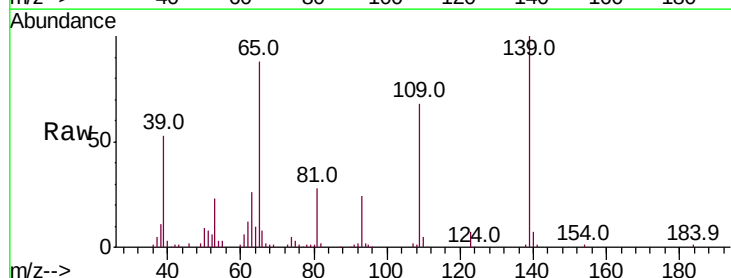
Tgt Ion:139 Resp: 109303

Ion Ratio Lower Upper

139 100

109 67.6 55.8 95.8

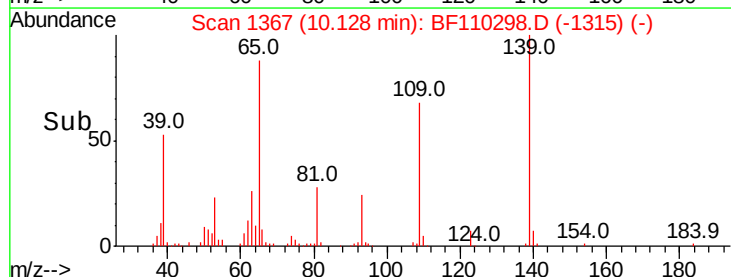
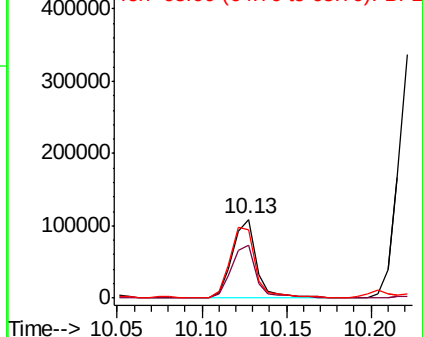
65 87.6 77.9 117.9

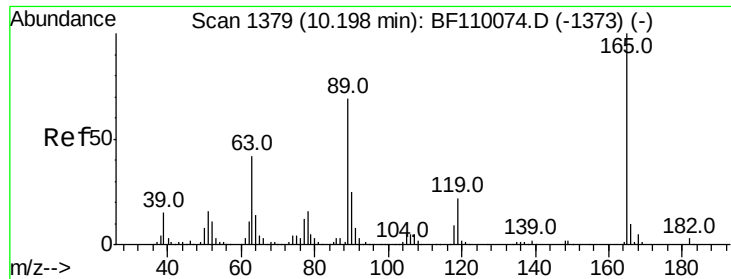


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

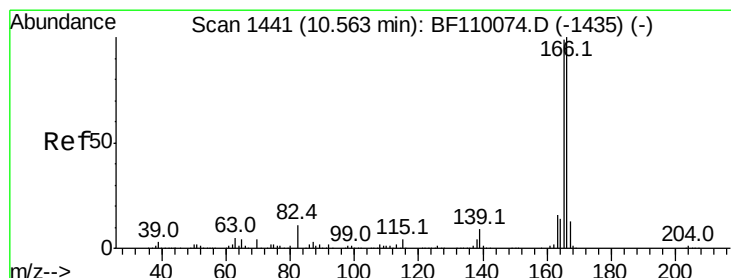
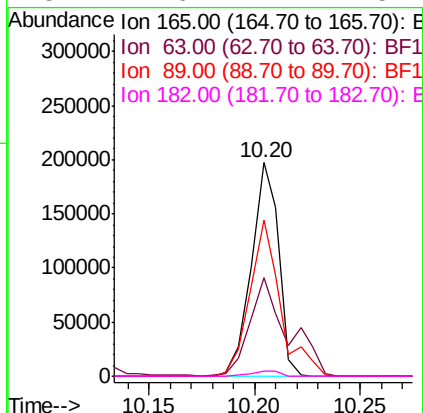
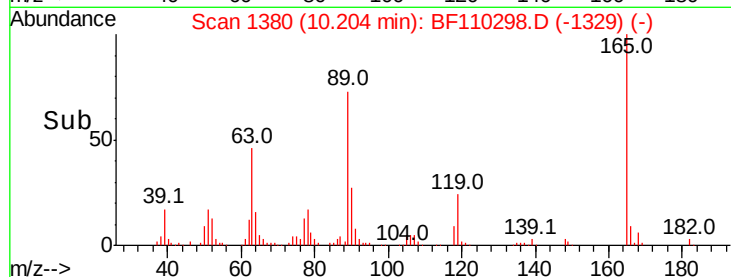
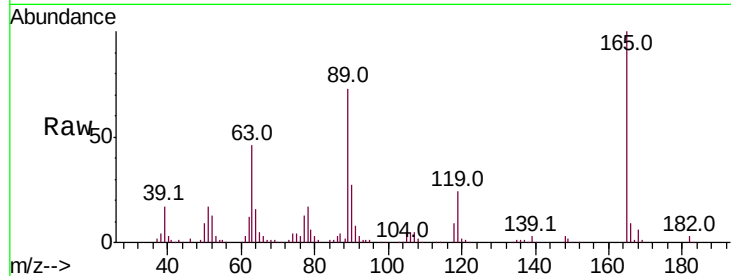




#57
2,4-Dinitrotoluene
Concen: 42.746 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BF110298.D
Acq: 30 Oct 2018 13:04

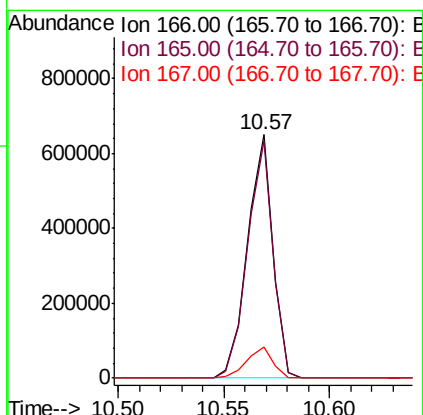
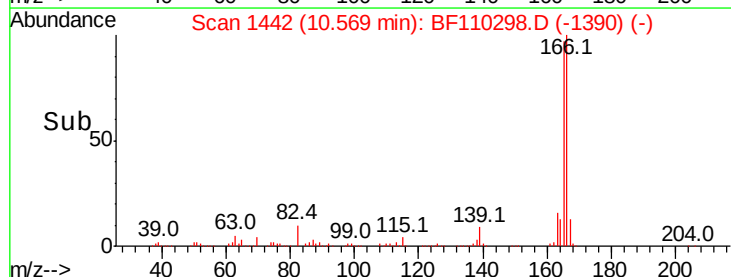
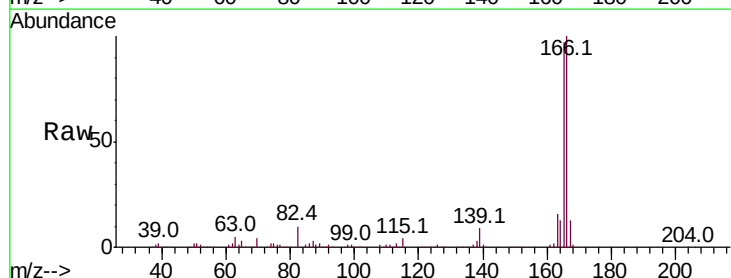
Instrument :
BNA_F
ClientSampleId :

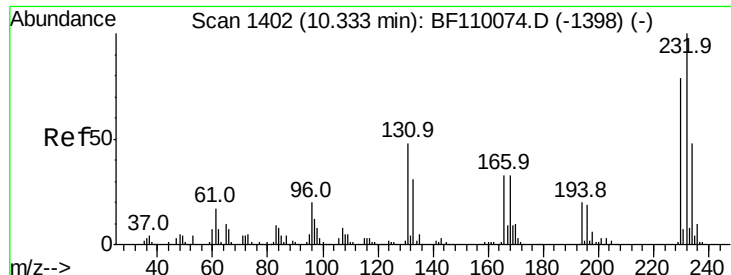
Tot Ion	Ratio	Lower	Upper
165	100		
63	46.1	44.8	67.2
89	72.9	62.2	93.4
182	2.6	2.1	3.1



#58
Fluorene
Concen: 40.119 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.01 min
Lab File: BF110298.D
Acq: 30 Oct 2018 13:04

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.3	78.6	117.8
167	13.0	10.8	16.2

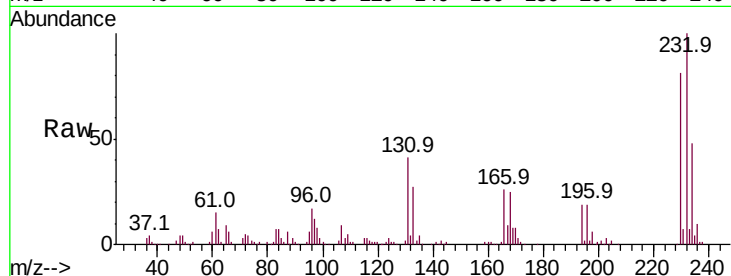




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.003 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.04 min
Lab File: BF110298.D
Acq: 30 Oct 2018 13:04

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.1	37.0	55.4
130	2.3	1.8	2.6
166	27.2	22.0	33.0



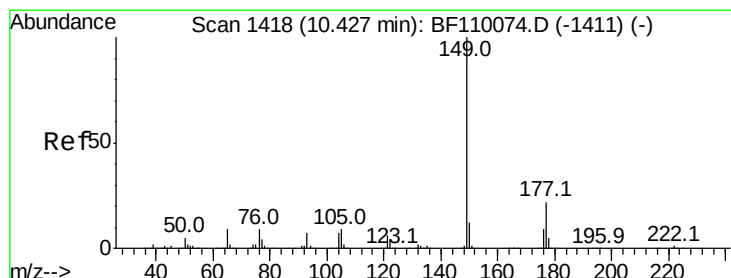
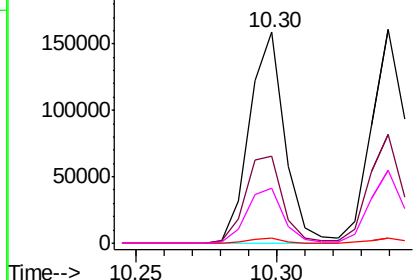
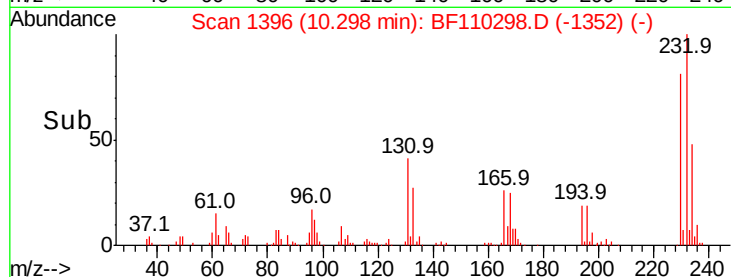
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

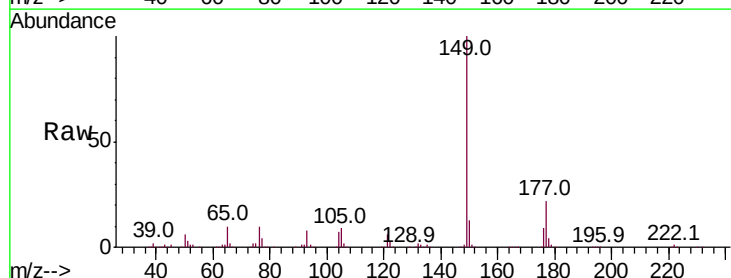
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 39.455 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF110298.D
Acq: 30 Oct 2018 13:04

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.4	26.2
150	12.6	9.8	14.8

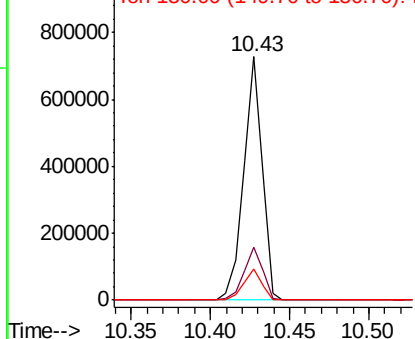
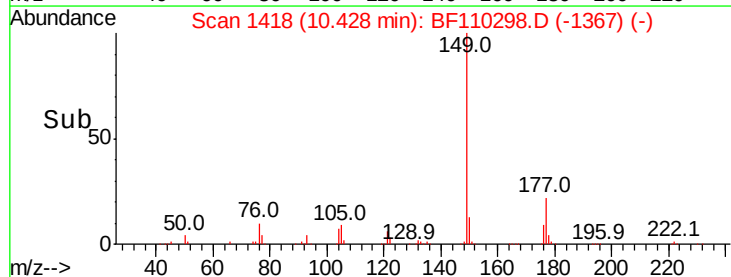


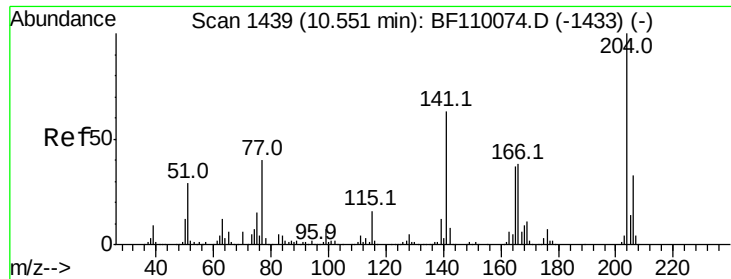
Abundance

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

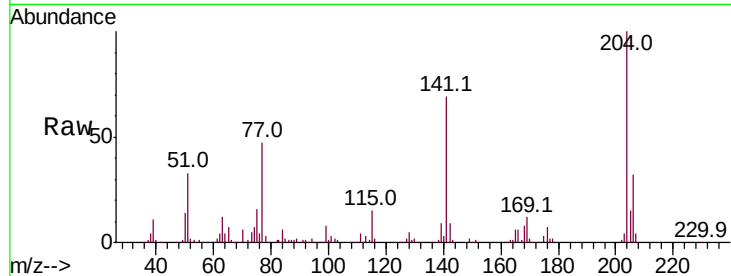




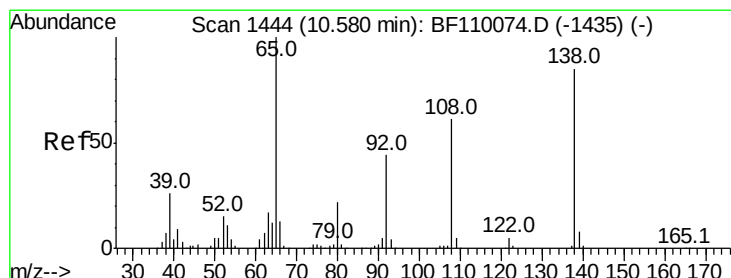
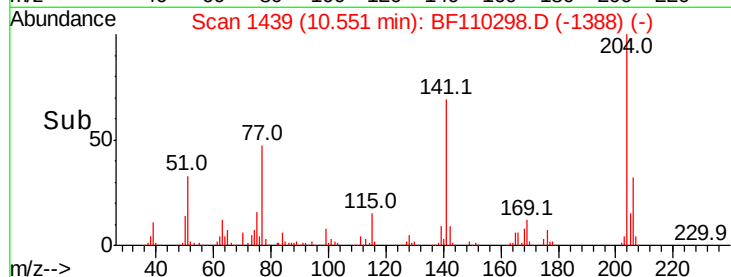
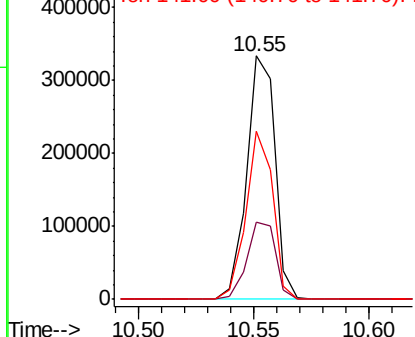
#61
4-Chlorophenyl-phenylether
Concen: 40.053 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF110298.D
Acq: 30 Oct 2018 13:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 286912
Ion Ratio Lower Upper
204 100
206 31.7 26.5 39.7
141 69.0 51.8 77.8

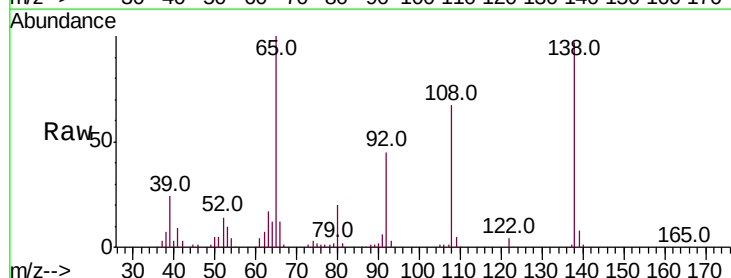


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

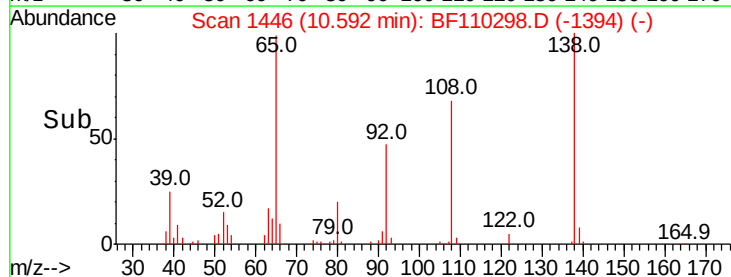
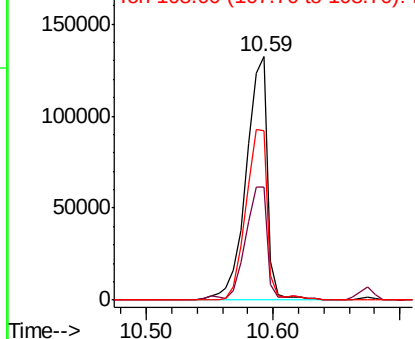


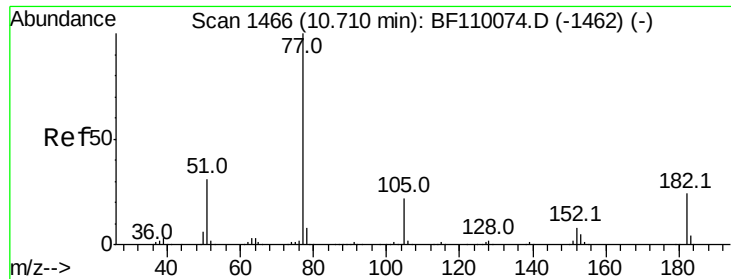
#62
4-Nitroaniline
Concen: 40.138 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.01 min
Lab File: BF110298.D
Acq: 30 Oct 2018 13:04

Tgt Ion:138 Resp: 155204
Ion Ratio Lower Upper
138 100
92 46.6 31.7 71.7
108 69.4 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

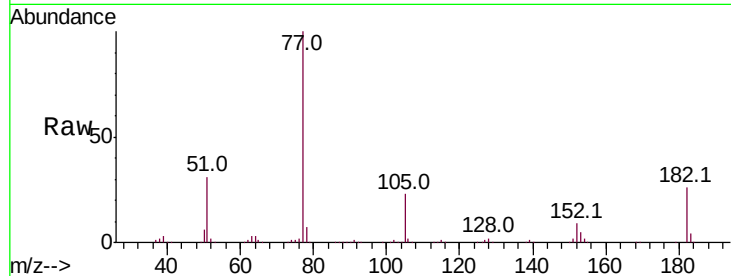




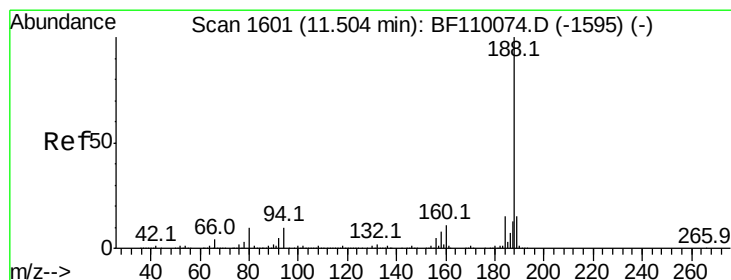
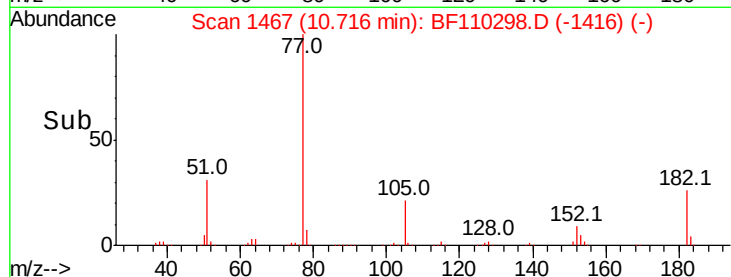
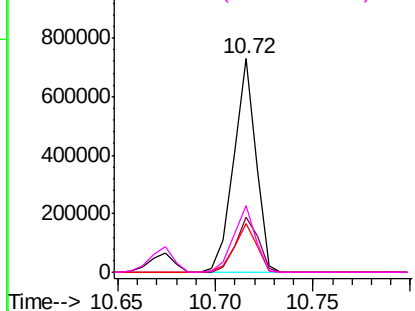
#63
Azobenzene
Concen: 39.241 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.00 min
Lab File: BF110298.D
Acq: 30 Oct 2018 13:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:	77	Resp:	577072
Ion	Ratio	Lower	Upper
77	100		
182	25.6	4.3	44.3
105	22.7	1.3	41.3
51	31.3	9.0	49.0

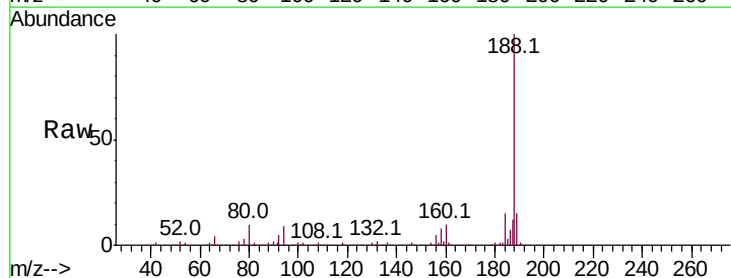


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

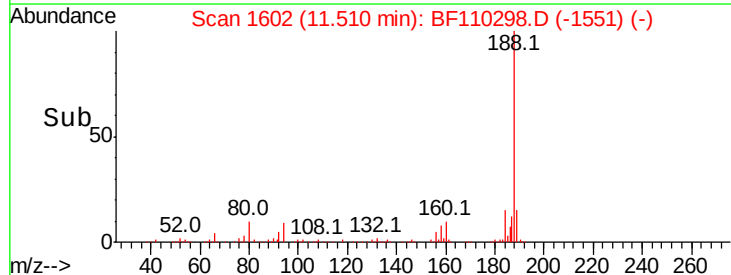
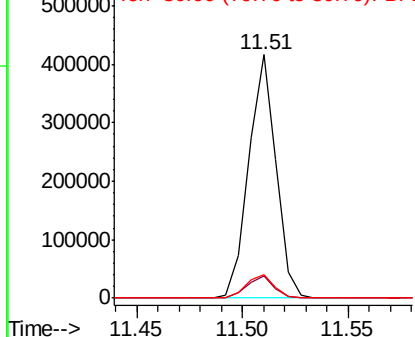


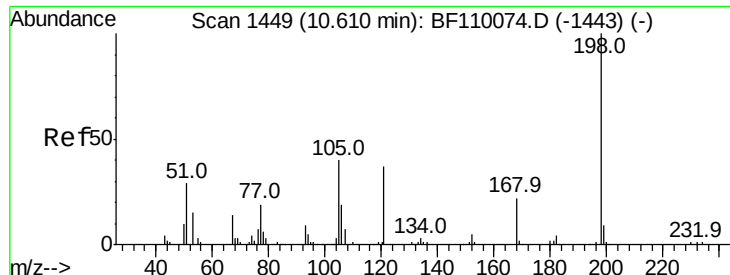
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. 0.00 min
Lab File: BF110298.D
Acq: 30 Oct 2018 13:04

Tgt Ion:	188	Resp:	373698
Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.2	10.8
80	9.5	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

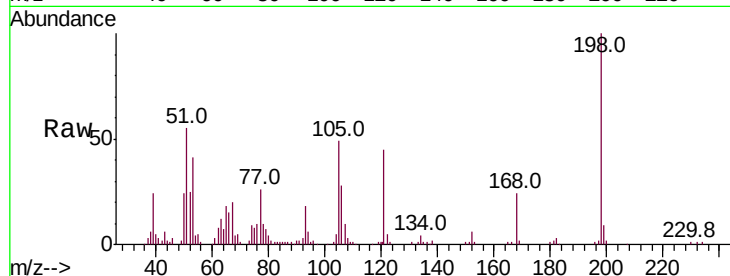




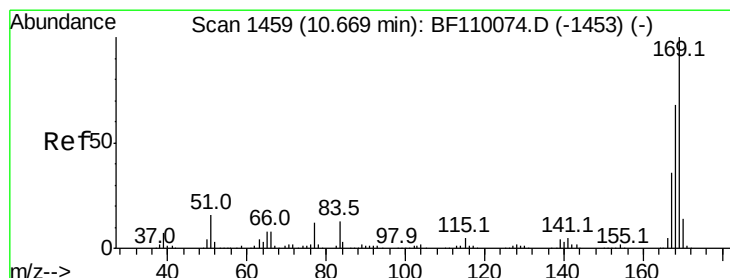
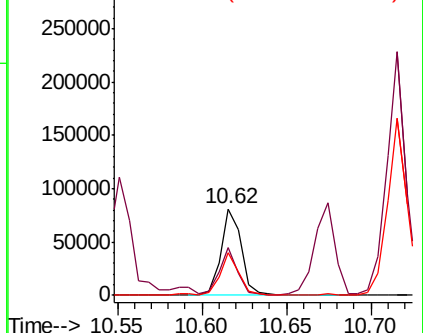
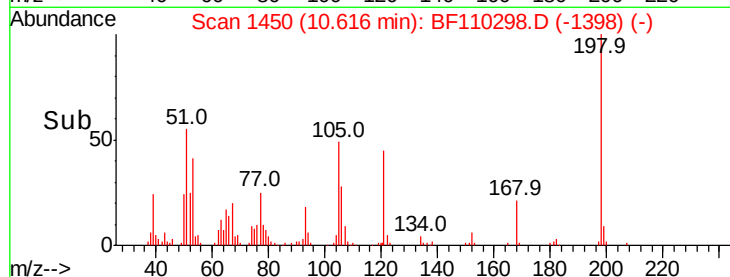
#65
 4,6-Dinitro-2-methylphenol
 Concen: 40.048 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. 0.01 min
 Lab File: BF110298.D
 Acq: 30 Oct 2018 13:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
198	100		
51	54.8	22.8	62.8
105	49.1	23.6	63.6

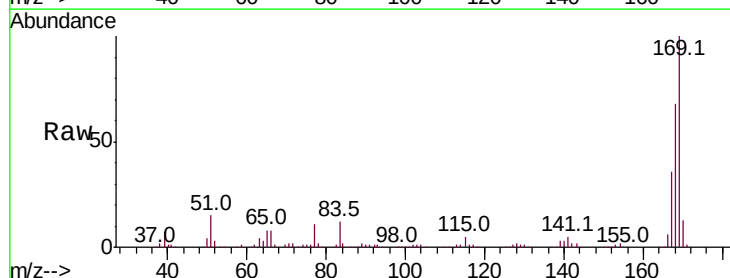


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

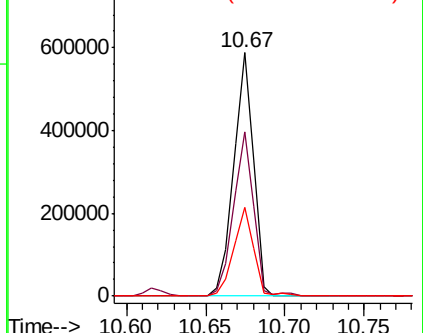
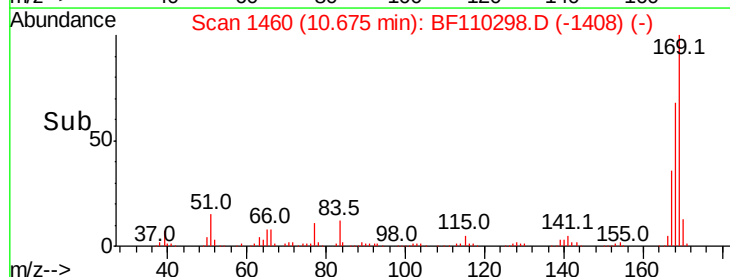


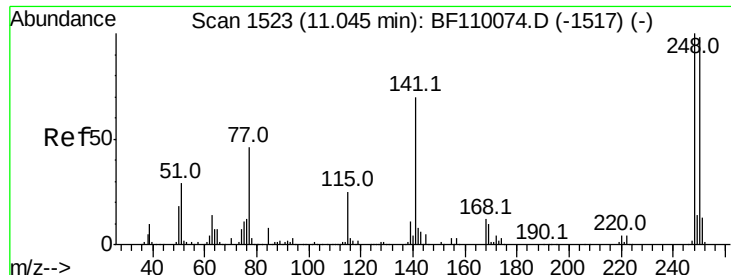
#66
 n-Nitrosodiphenylamine
 Concen: 41.626 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. 0.01 min
 Lab File: BF110298.D
 Acq: 30 Oct 2018 13:04

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.7	51.2	76.8
167	36.5	27.8	41.6



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

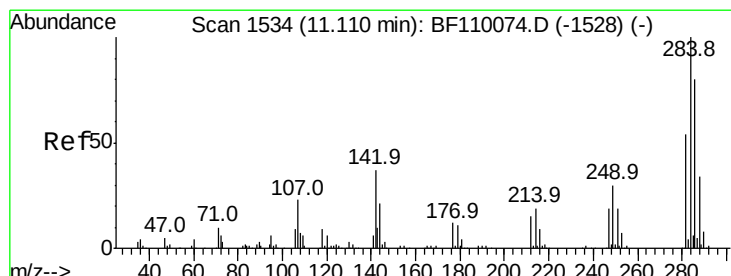
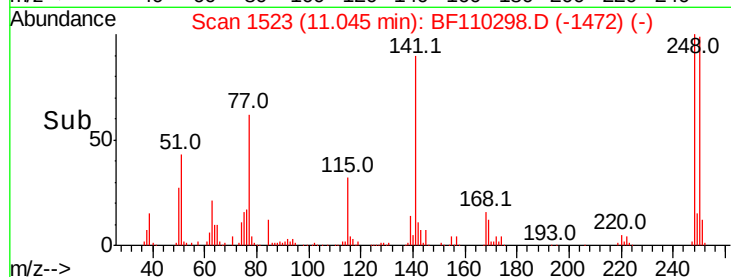
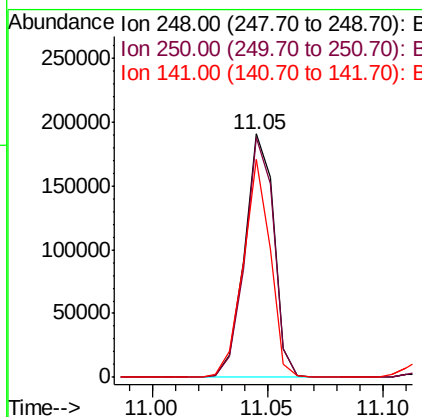
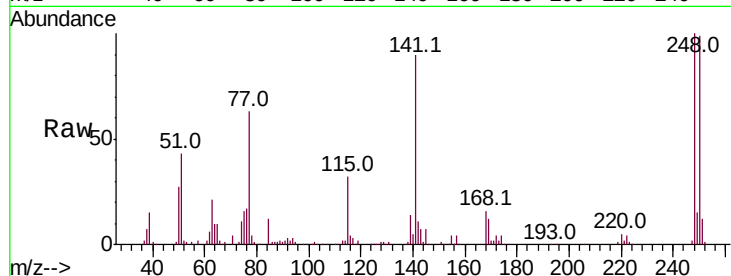




#67
 4-Bromophenyl-phenylether
 Concen: 41.883 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. 0.00 min
 Lab File: BF110298.D
 Acq: 30 Oct 2018 13:04

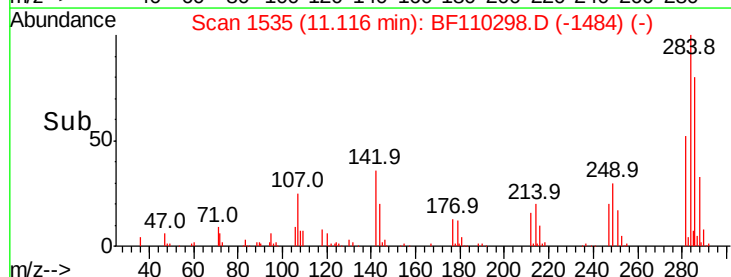
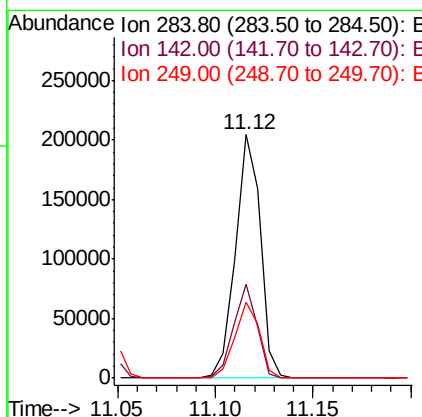
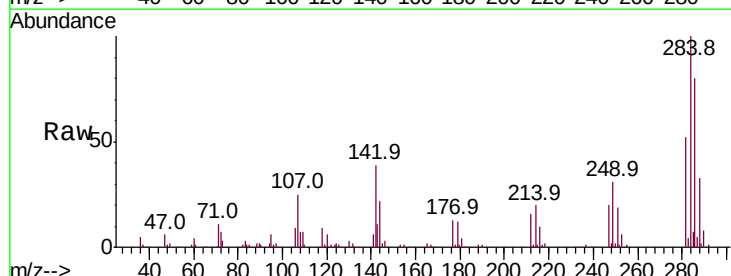
Instrument :
 BNA_F
 ClientSampleId :

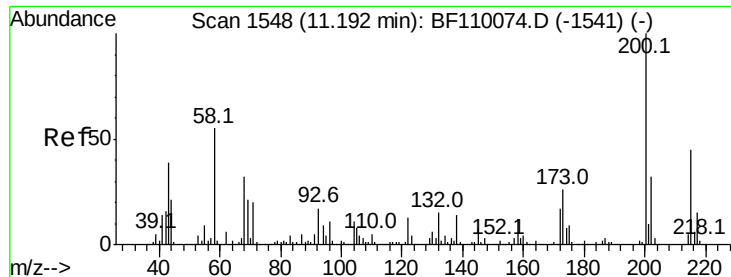
Tot Ion:248 Resp: 169774
 Ion Ratio Lower Upper
 248 100
 250 98.7 79.4 119.2
 141 89.8 55.9 83.9#



#68
 Hexachlorobenzene
 Concen: 42.030 ng
 RT: 11.12 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: BF110298.D
 Acq: 30 Oct 2018 13:04

Tgt Ion:284 Resp: 180768
 Ion Ratio Lower Upper
 284 100
 142 38.5 23.9 35.9#
 249 31.0 24.2 36.2

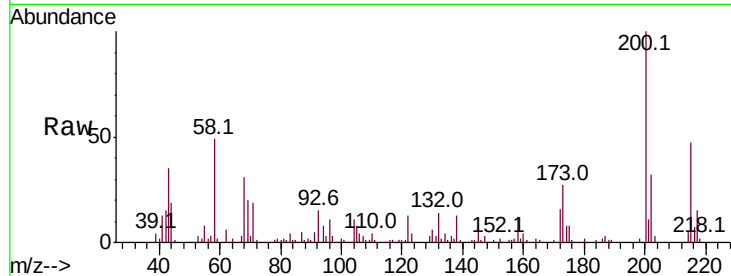




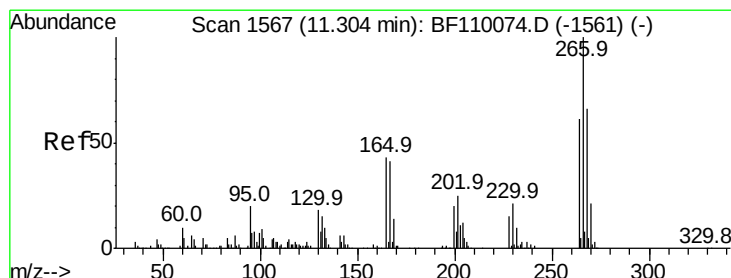
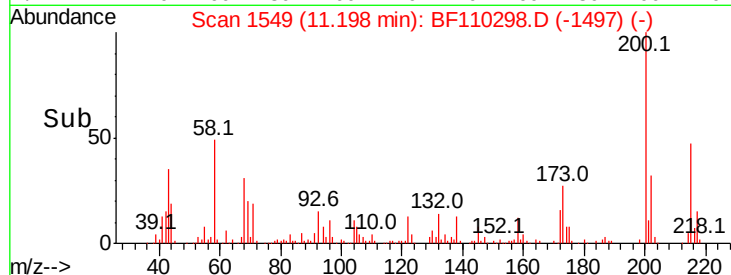
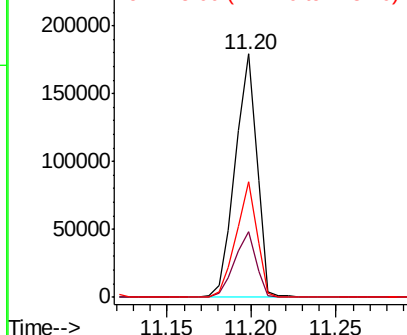
#69
Atrazine
Concen: 41.454 ng
RT: 11.20 min Scan# 1549
Delta R.T. 0.01 min
Lab File: BF110298.D
Acq: 30 Oct 2018 13:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:200 Resp: 160574
Ion Ratio Lower Upper
200 100
173 26.8 6.6 46.6
215 47.2 26.3 66.3

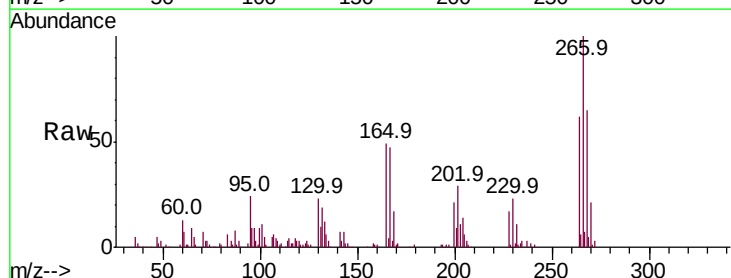


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

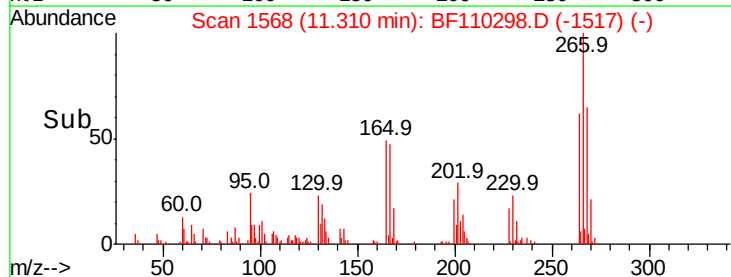
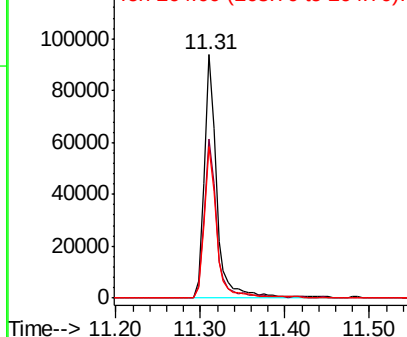


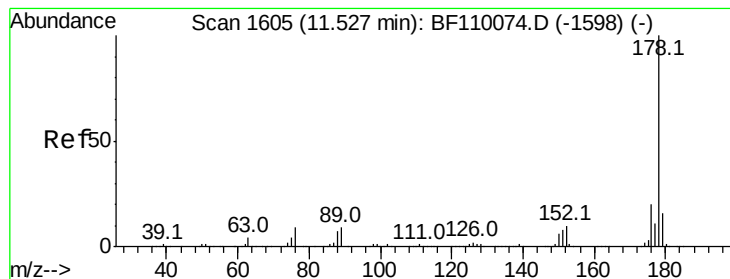
#70
Pentachlorophenol
Concen: 38.588 ng
RT: 11.31 min Scan# 1568
Delta R.T. 0.00 min
Lab File: BF110298.D
Acq: 30 Oct 2018 13:04

Tgt Ion:266 Resp: 96774
Ion Ratio Lower Upper
266 100
268 65.1 50.6 75.8
264 62.3 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: 40.851 ng

RT: 11.54 min Scan# 1607

Delta R.T. 0.01 min

Lab File: BF110298.D

Acq: 30 Oct 2018 13:04

Instrument :

BNA_F

ClientSampled :

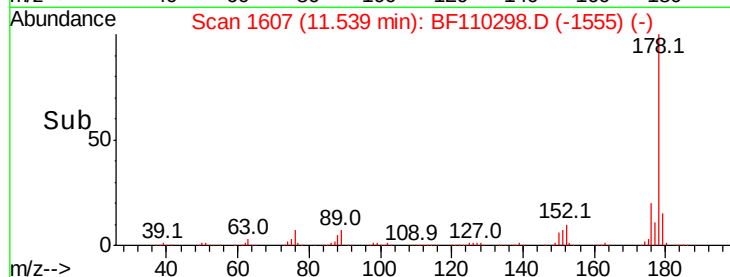
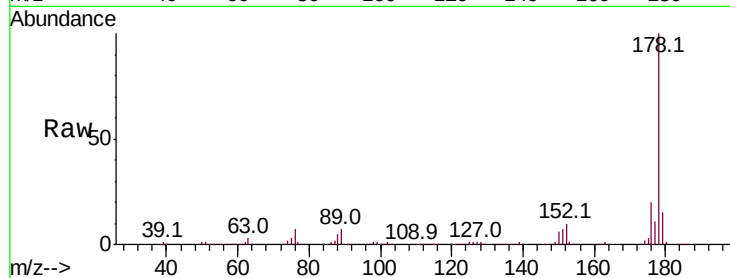
Tot Ion:178 Resp: 798786

Ion Ratio Lower Upper

178 100

176 19.5 15.5 23.3

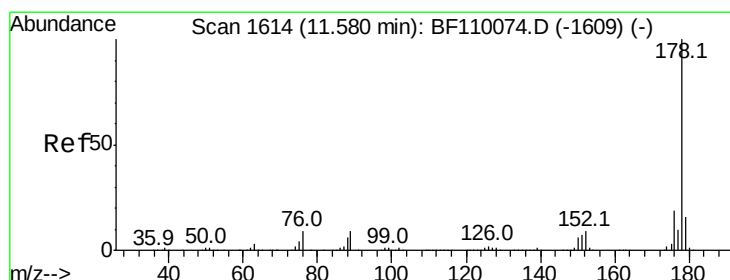
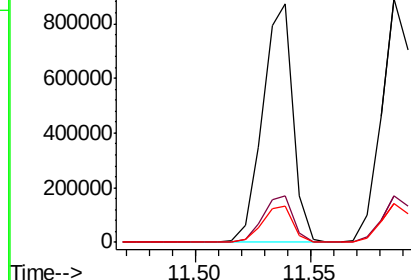
179 15.4 12.5 18.7



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: 40.968 ng

RT: 11.59 min Scan# 1615

Delta R.T. 0.00 min

Lab File: BF110298.D

Acq: 30 Oct 2018 13:04

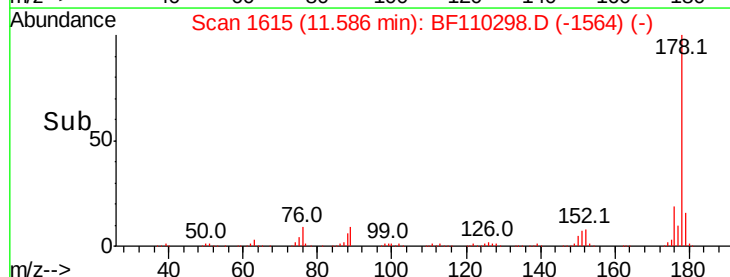
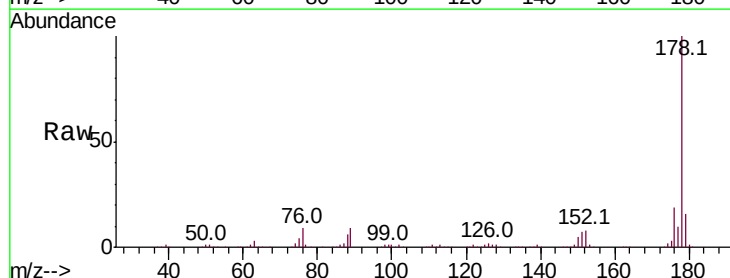
Tgt Ion:178 Resp: 802952

Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.2

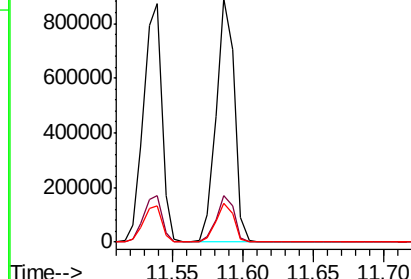
179 15.8 12.6 18.8

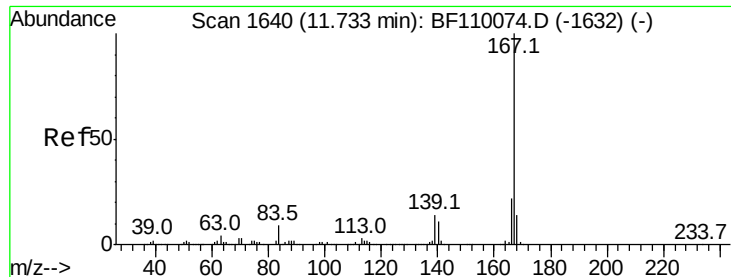


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

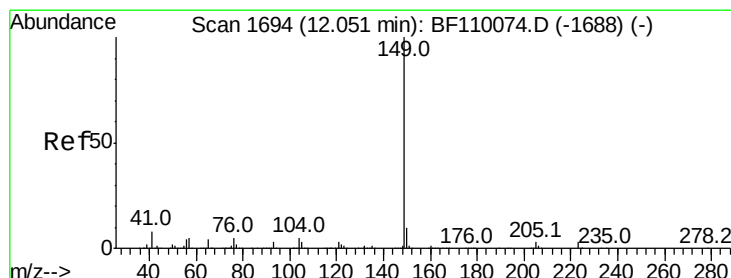
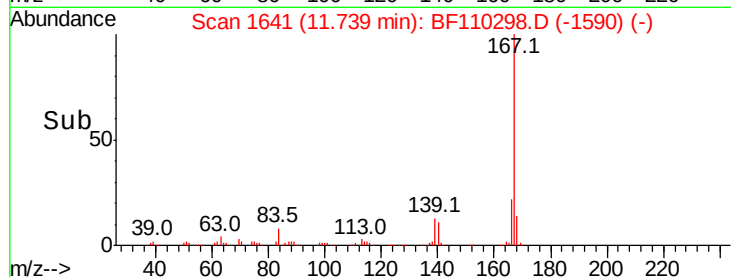
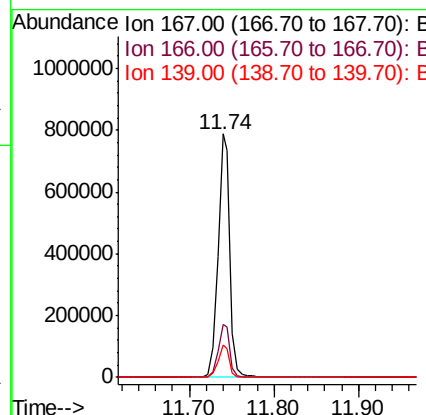
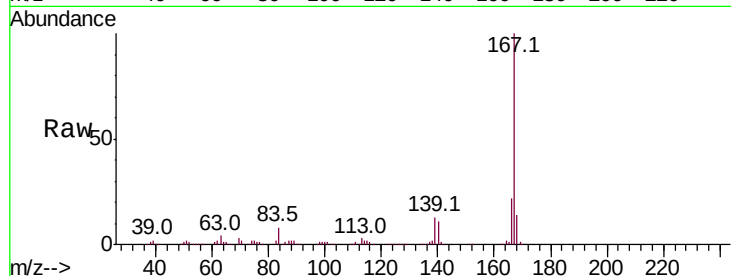




#73
 Carbazole
 Concen: 40.949 ng
 RT: 11.74 min Scan# 1641
 Delta R.T. 0.00 min
 Lab File: BF110298.D
 Acq: 30 Oct 2018 13:04

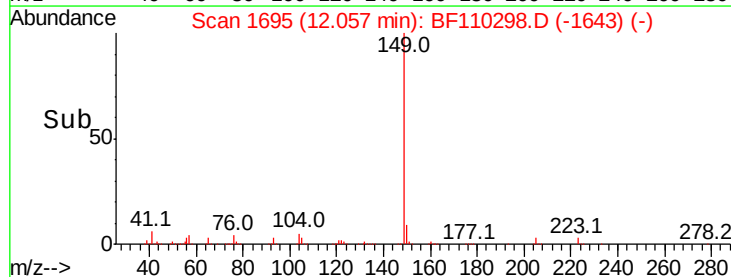
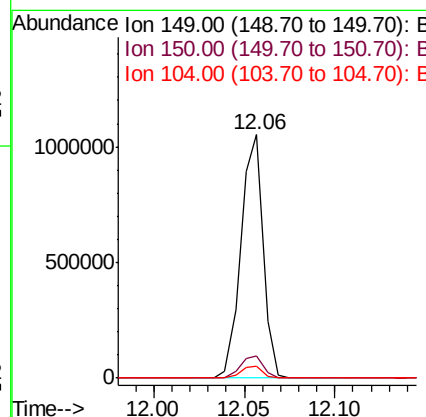
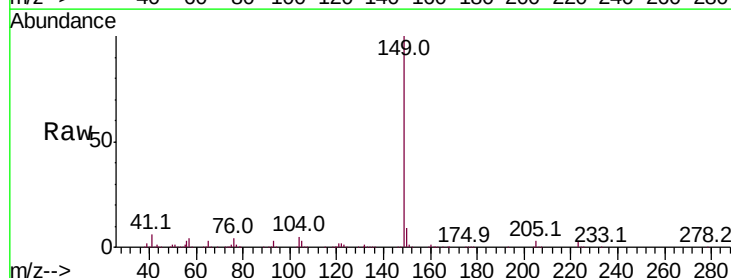
Instrument :
 BNA_F
 ClientSampleId :

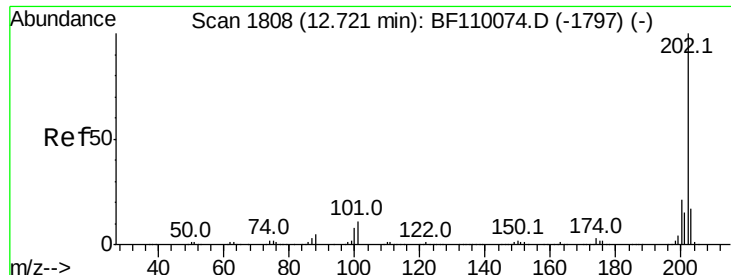
Tot Ion:167 Resp: 783619
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.4 26.0
 139 13.5 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 41.449 ng
 RT: 12.06 min Scan# 1695
 Delta R.T. 0.01 min
 Lab File: BF110298.D
 Acq: 30 Oct 2018 13:04

Tgt Ion:149 Resp: 895826
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.7 11.5
 104 4.8 4.2 6.4

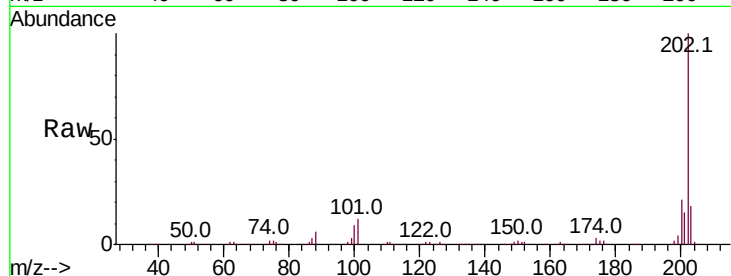




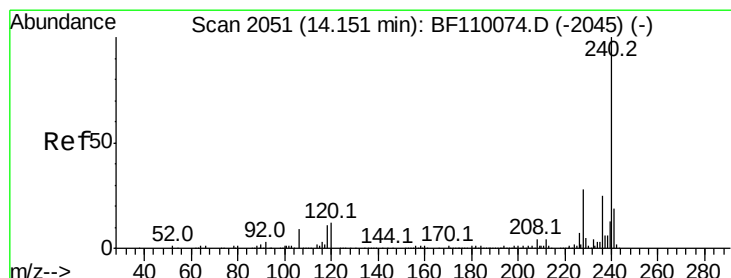
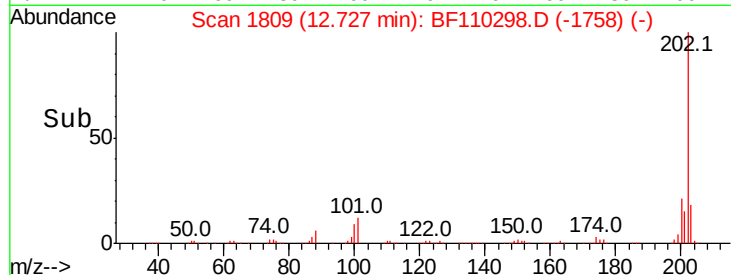
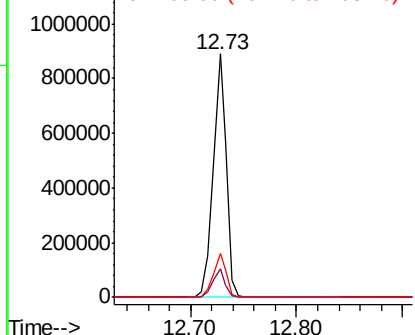
#75
 Fluoranthene
 Concen: 39.766 ng
 RT: 12.73 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: BF110298.D
 Acq: 30 Oct 2018 13:04

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:202 Resp: 789140
 Ion Ratio Lower Upper
 202 100
 101 11.9 0.0 31.4
 203 17.9 0.0 37.7

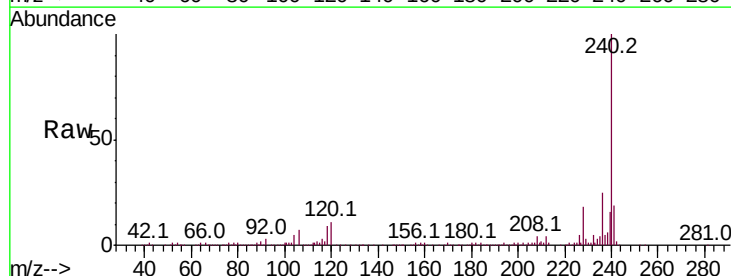


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

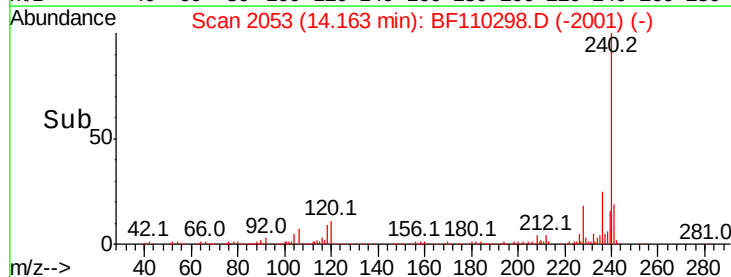
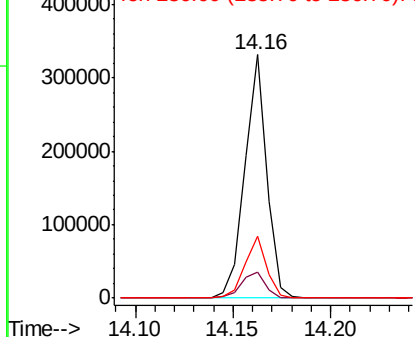


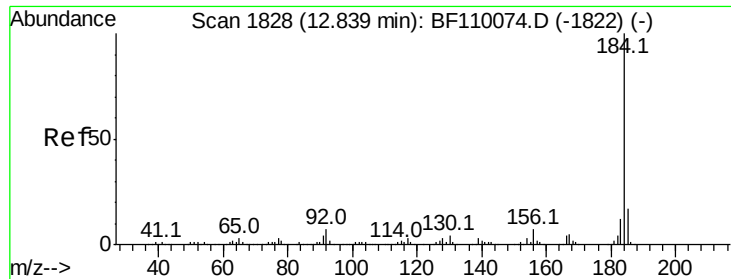
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.16 min Scan# 2053
 Delta R.T. 0.01 min
 Lab File: BF110298.D
 Acq: 30 Oct 2018 13:04

Tgt Ion:240 Resp: 256654
 Ion Ratio Lower Upper
 240 100
 120 10.9 8.3 12.5
 236 25.3 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 41.981 ng

RT: 12.85 min Scan# 1829

Delta R.T. 0.01 min

Lab File: BF110298.D

Acq: 30 Oct 2018 13:04

Instrument :

BNA_F

ClientSampleId :

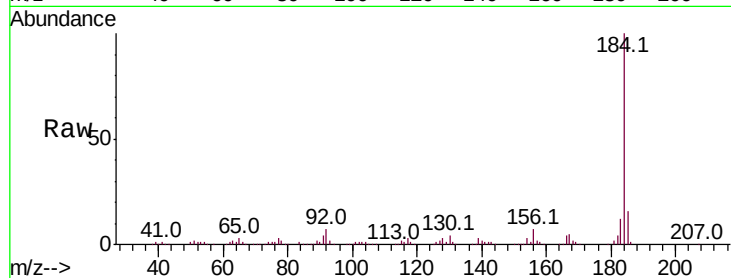
Tot Ion:184 Resp: 311501

Ion Ratio Lower Upper

184 100

185 15.7 13.4 20.2

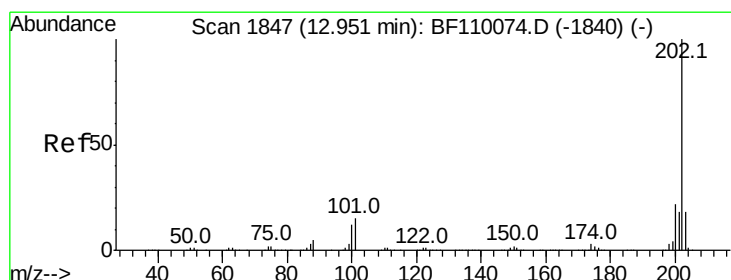
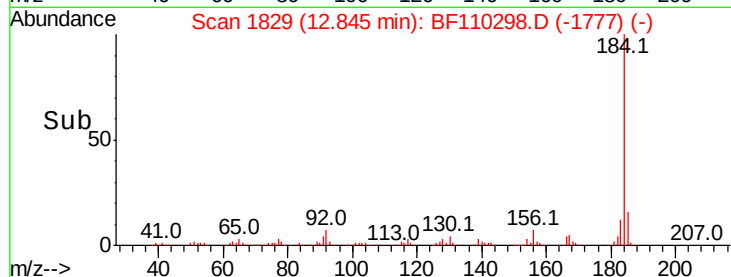
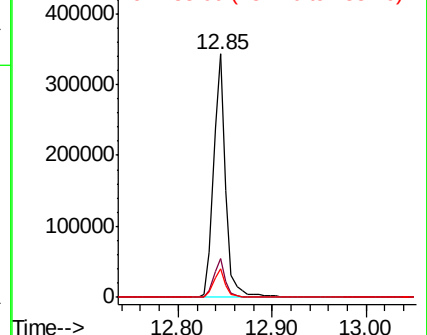
183 11.9 9.4 14.2



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: 43.563 ng

RT: 12.96 min Scan# 1849

Delta R.T. 0.01 min

Lab File: BF110298.D

Acq: 30 Oct 2018 13:04

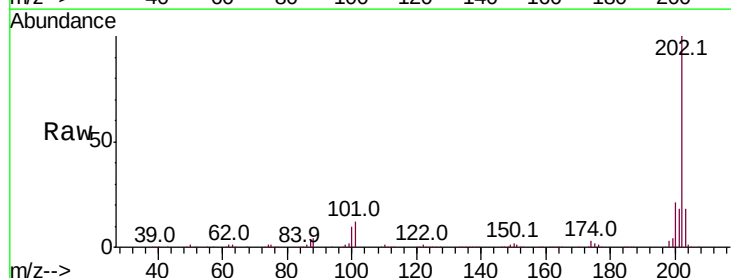
Tgt Ion:202 Resp: 801559

Ion Ratio Lower Upper

202 100

200 21.2 17.8 26.6

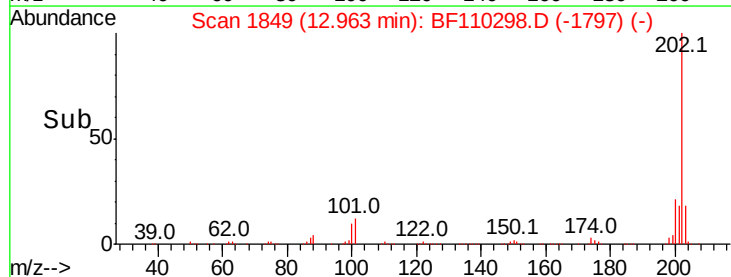
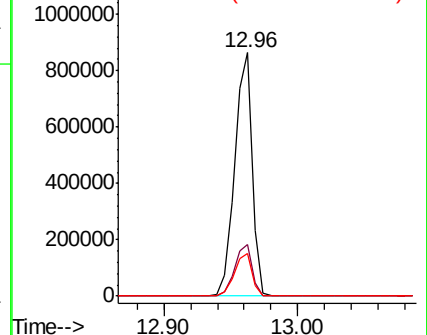
203 17.7 14.2 21.4

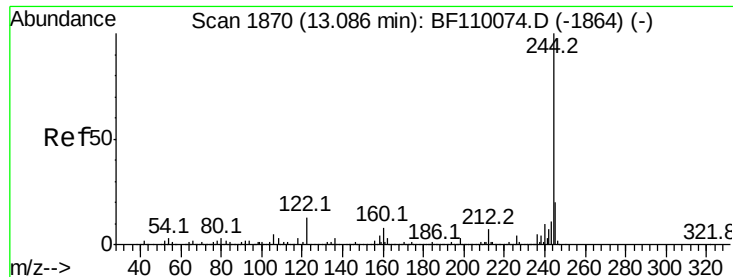


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 88.582 ng

RT: 13.09 min Scan# 1871

Delta R.T. 0.00 min

Lab File: BF110298.D

Acq: 30 Oct 2018 13:04

Instrument :

BNA_F

ClientSampleId :

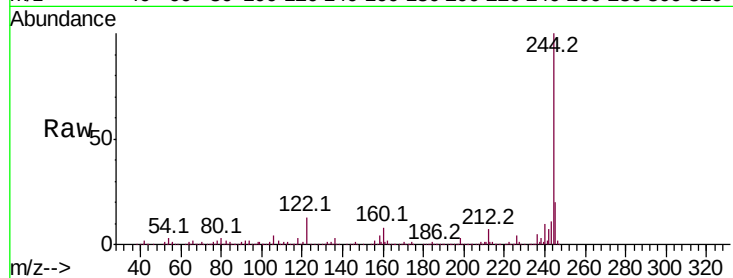
Tot Ion:244 Resp: 1093179

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

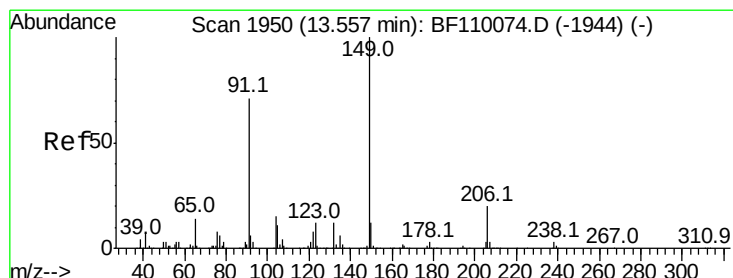
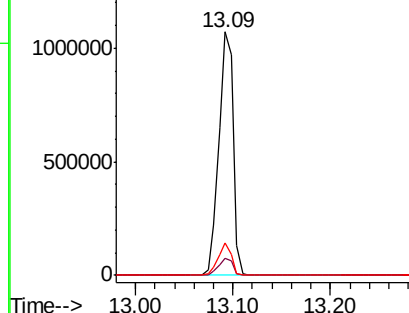
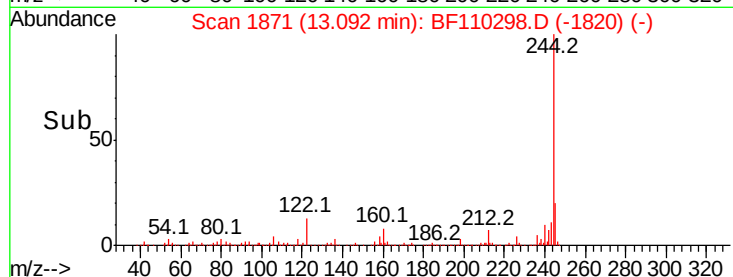
122 13.3 8.7 13.1#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.737 ng

RT: 13.56 min Scan# 1951

Delta R.T. 0.01 min

Lab File: BF110298.D

Acq: 30 Oct 2018 13:04

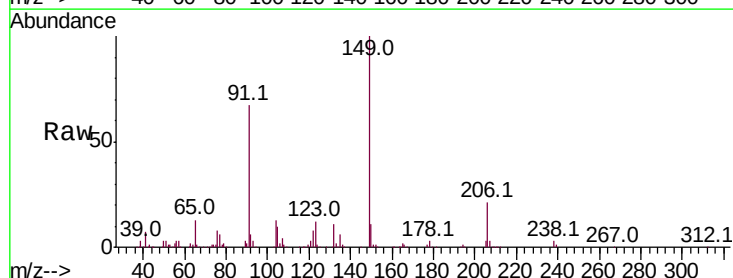
Tgt Ion:149 Resp: 349294

Ion Ratio Lower Upper

149 100

91 67.3 57.2 85.8

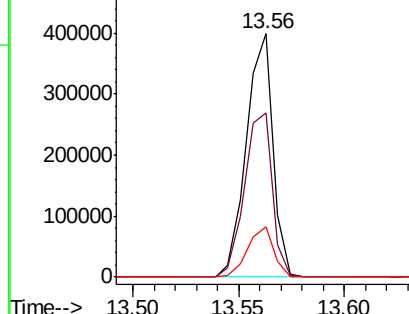
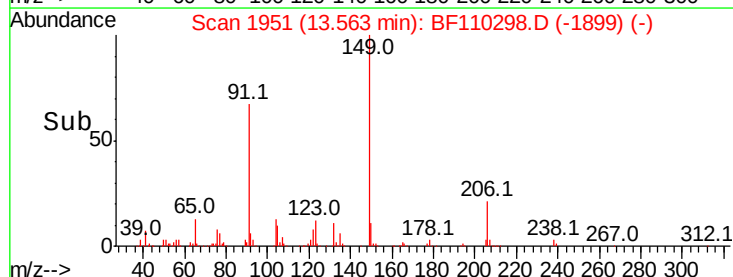
206 20.5 15.7 23.5

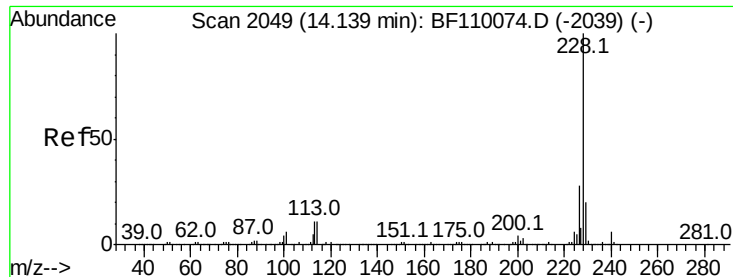


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.760 ng

RT: 14.15 min Scan# 2051

Delta R.T. 0.01 min

Lab File: BF110298.D

Acq: 30 Oct 2018 13:04

Instrument :

BNA_F

ClientSampleId :

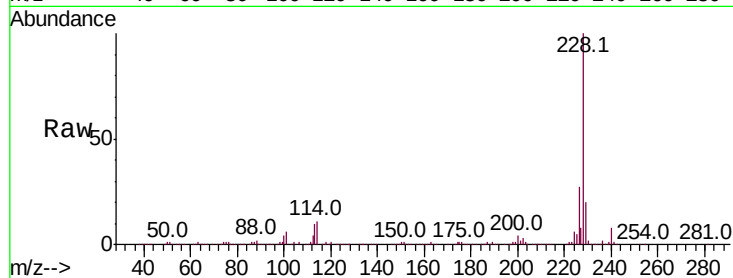
Tot Ion:228 Resp: 620373

Ion Ratio Lower Upper

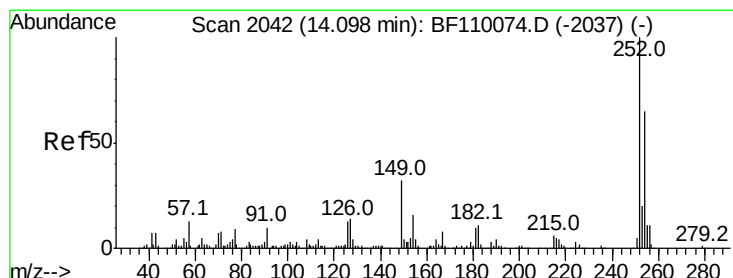
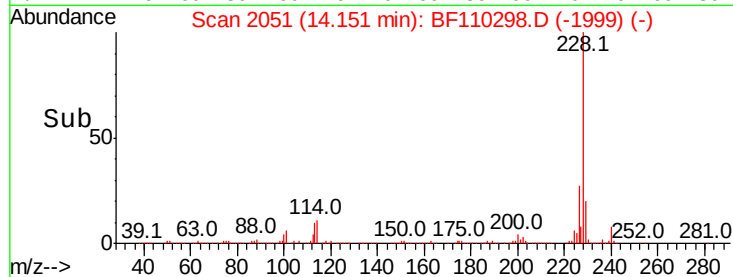
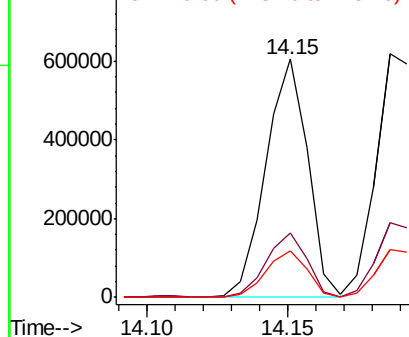
228 100

226 27.2 22.1 33.1

229 19.7 15.6 23.4



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 38.722 ng

RT: 14.11 min Scan# 2044

Delta R.T. 0.01 min

Lab File: BF110298.D

Acq: 30 Oct 2018 13:04

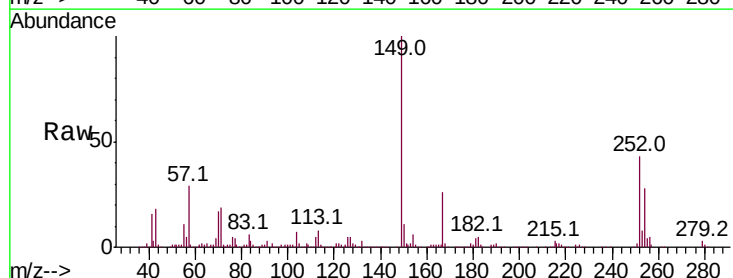
Tgt Ion:252 Resp: 205222

Ion Ratio Lower Upper

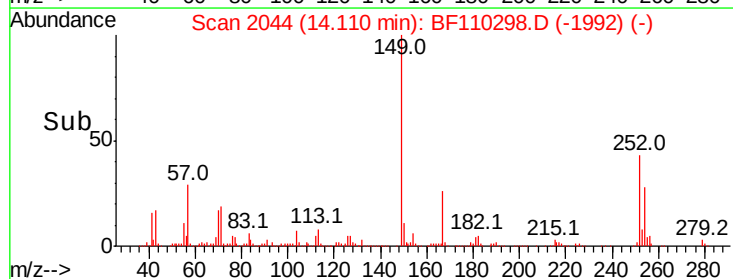
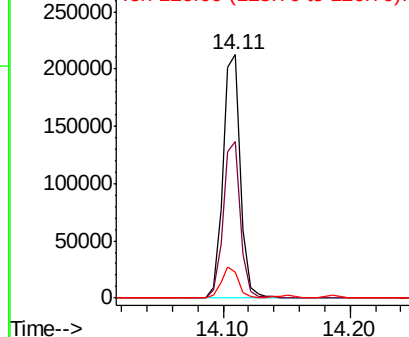
252 100

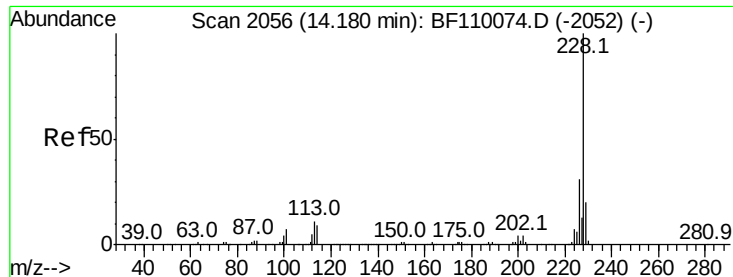
254 64.5 51.3 76.9

126 10.6 9.4 14.2



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.648 ng

RT: 14.19 min Scan# 2057

Delta R.T. 0.00 min

Lab File: BF110298.D

Acq: 30 Oct 2018 13:04

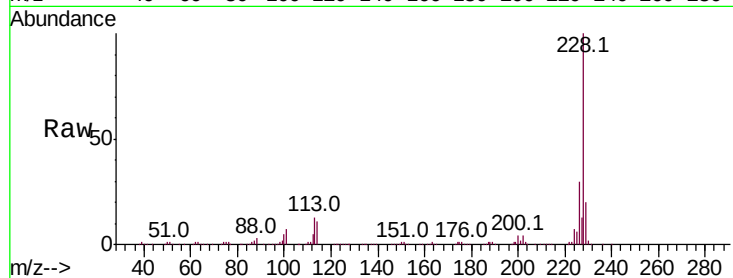
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 587617

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.7	37.1
229	19.8	15.9	23.9

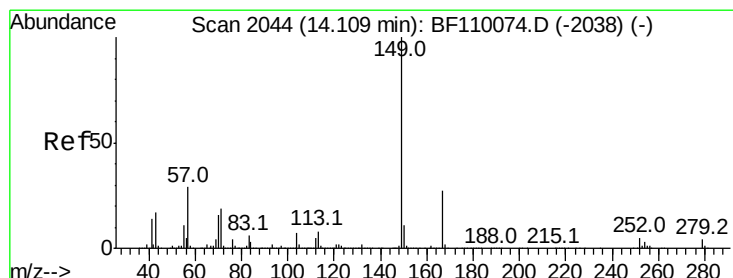
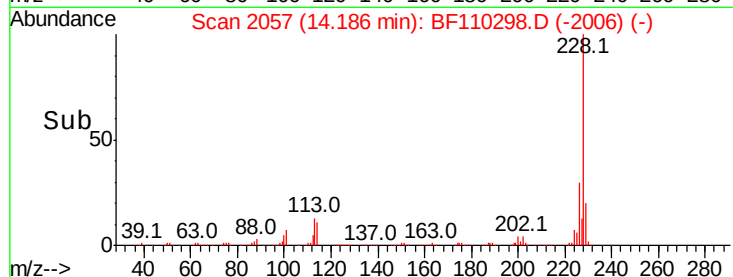
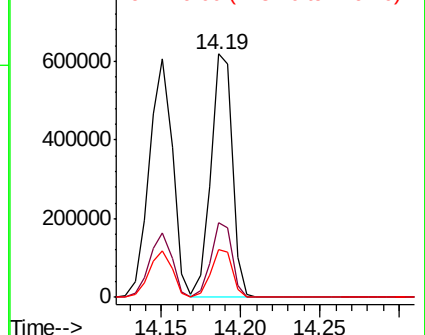


Abundance

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: 41.082 ng

RT: 14.11 min Scan# 2044

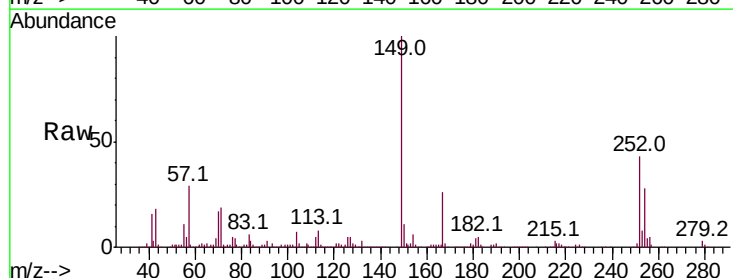
Delta R.T. 0.00 min

Lab File: BF110298.D

Acq: 30 Oct 2018 13:04

Tgt Ion:149 Resp: 443517

Ion	Ratio	Lower	Upper
149	100		
167	25.6	19.8	29.8
279	3.3	2.7	4.1

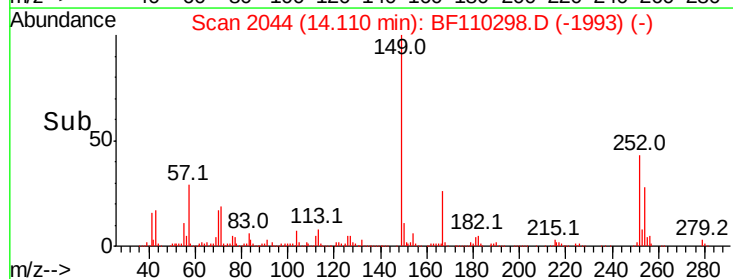
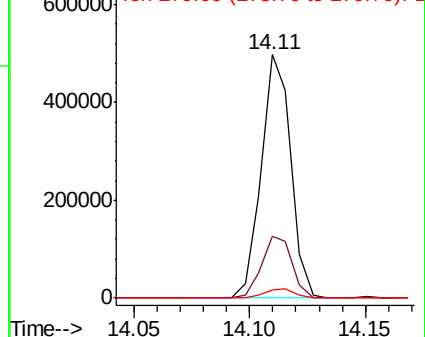


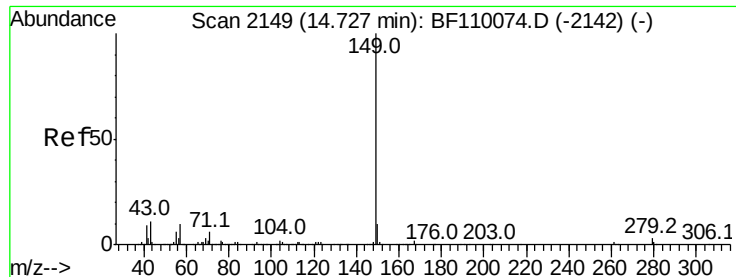
Abundance

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

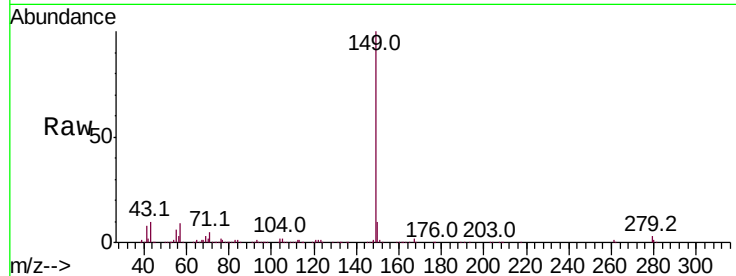




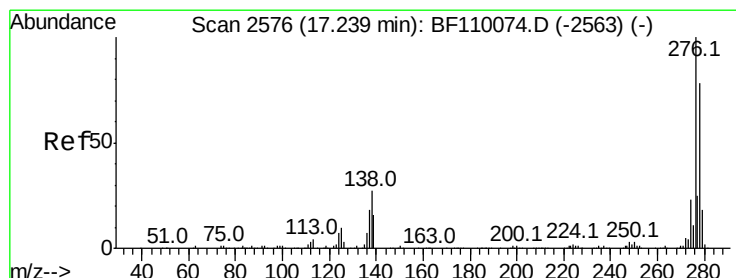
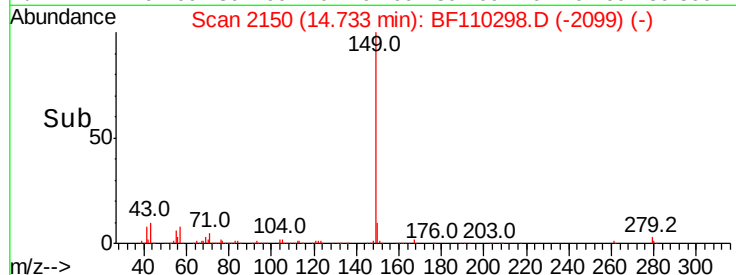
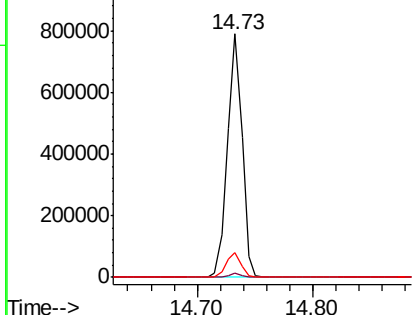
#85
Di-n-octyl phthalate
Concen: 41.317 ng
RT: 14.73 min Scan# 2150
Delta R.T. 0.00 min
Lab File: BF110298.D
Acq: 30 Oct 2018 13:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 693581
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 10.0 7.8 11.8

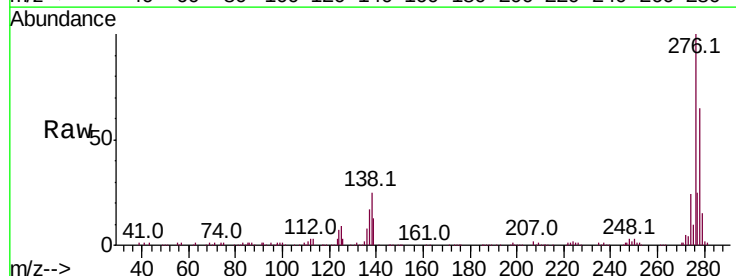


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

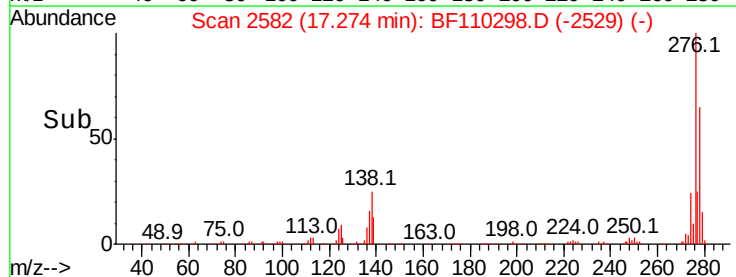
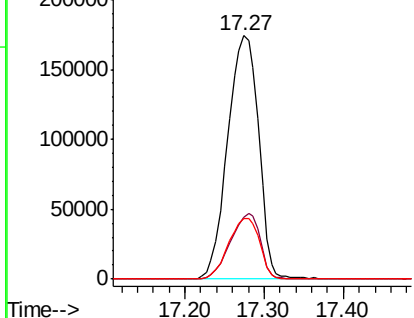


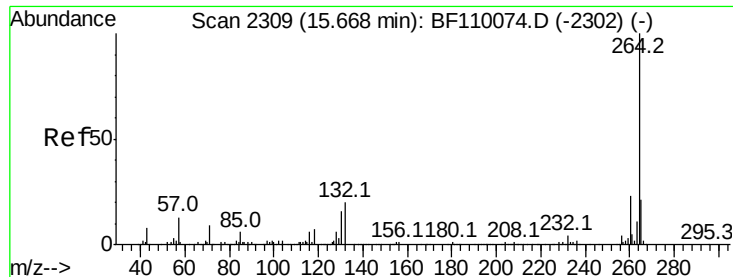
#86
Indeno(1,2,3-cd)pyrene
Concen: 39.314 ng
RT: 17.27 min Scan# 2582
Delta R.T. 0.01 min
Lab File: BF110298.D
Acq: 30 Oct 2018 13:04

Tgt Ion:276 Resp: 471482
Ion Ratio Lower Upper
276 100
138 26.0 18.5 27.7
277 25.0 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



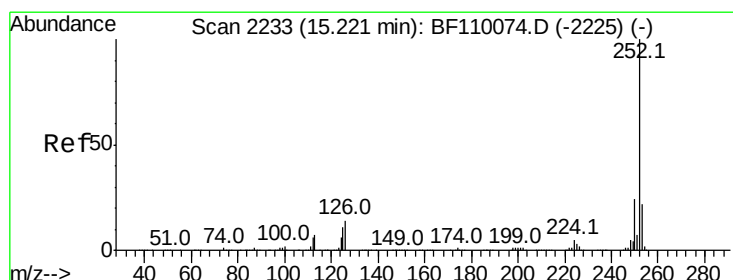
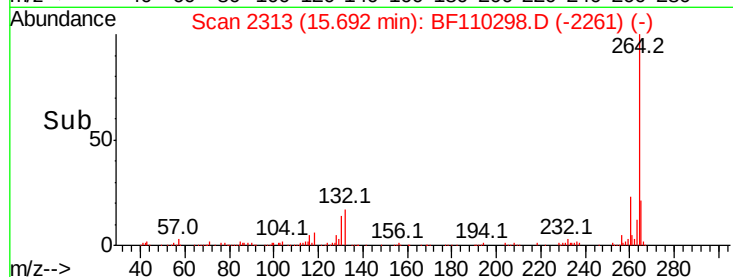
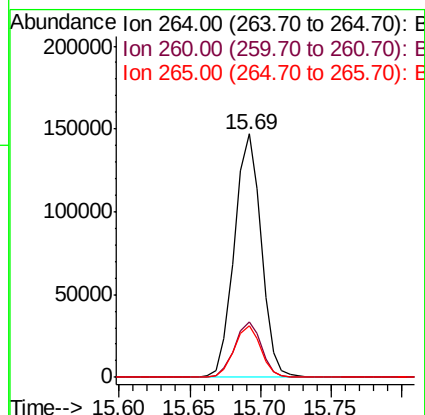
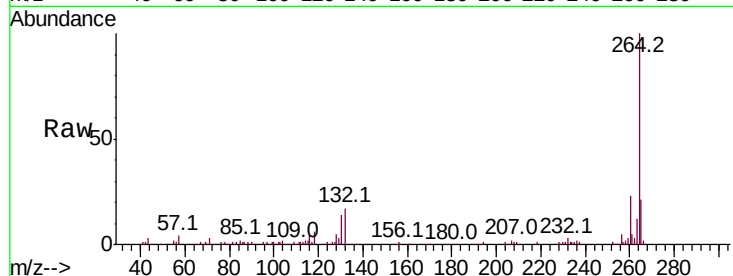


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2313
Delta R.T. 0.01 min
Lab File: BF110298.D
Acq: 30 Oct 2018 13:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 195451

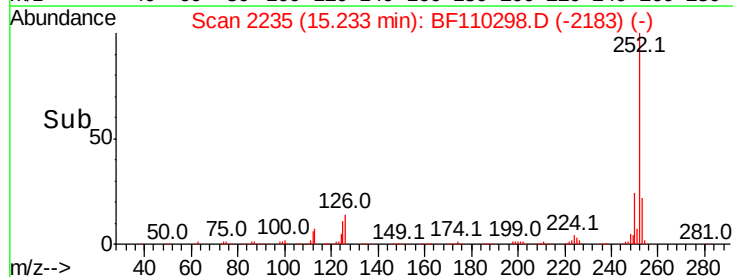
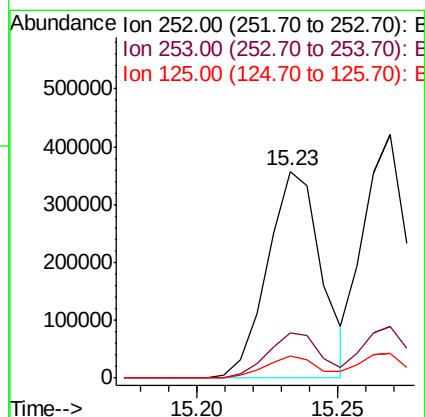
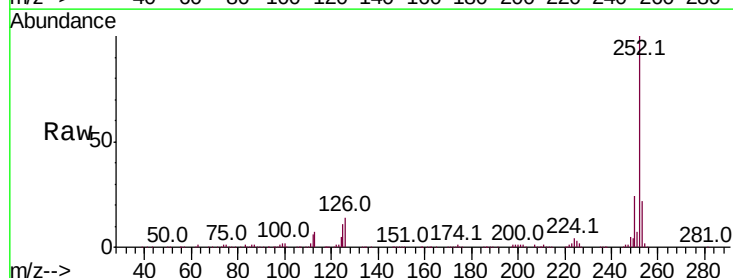
Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.7	28.1
265	21.1	16.7	25.1

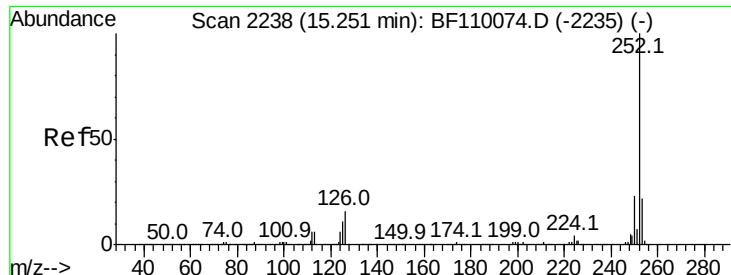


#88
Benzo(b)fluoranthene
Concen: 41.815 ng
RT: 15.23 min Scan# 2235
Delta R.T. 0.01 min
Lab File: BF110298.D
Acq: 30 Oct 2018 13:04

Tgt Ion:252 Resp: 471945

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	10.6	8.2	12.4

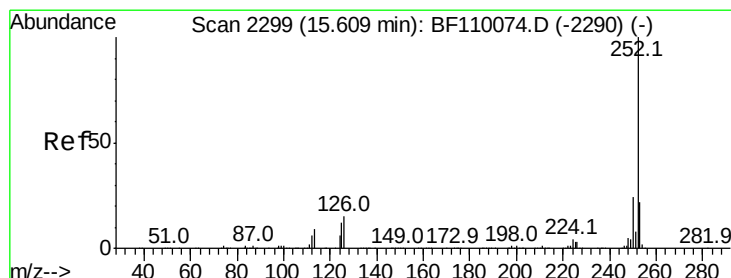
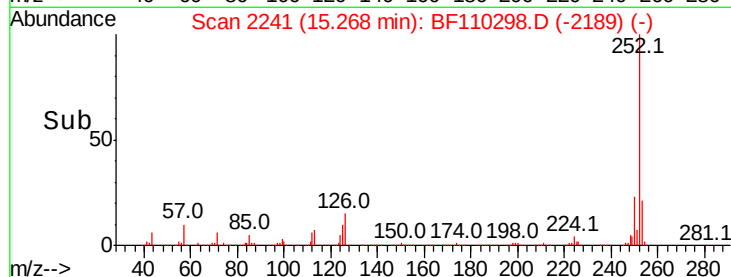
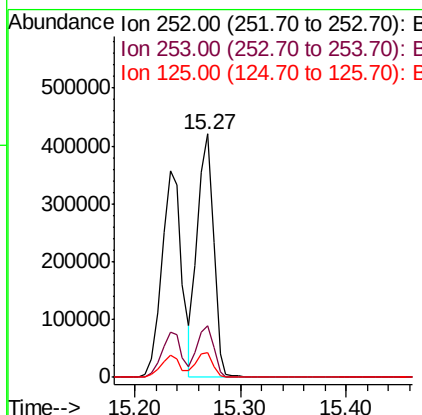
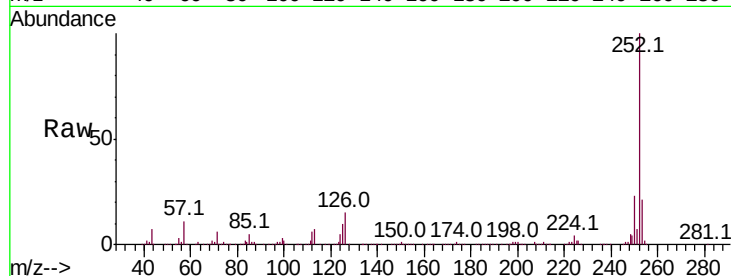




#89
Benzo(k)fluoranthene
Concen: 40.137 ng
RT: 15.27 min Scan# 2241
Delta R.T. 0.01 min
Lab File: BF110298.D
Acq: 30 Oct 2018 13:04

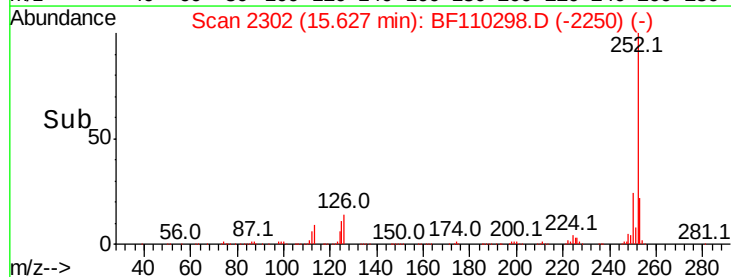
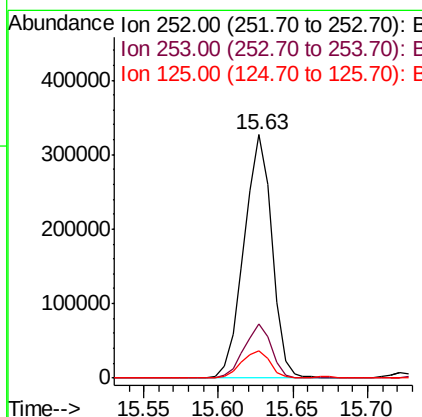
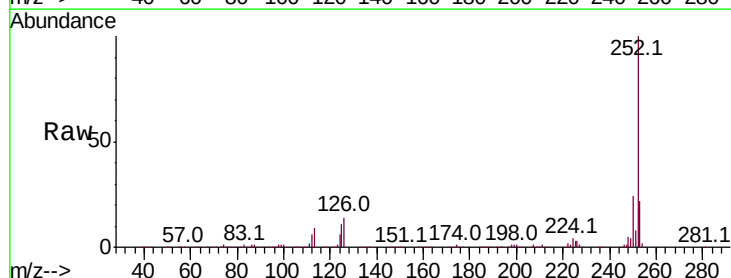
Instrument :
BNA_F
ClientSampled :

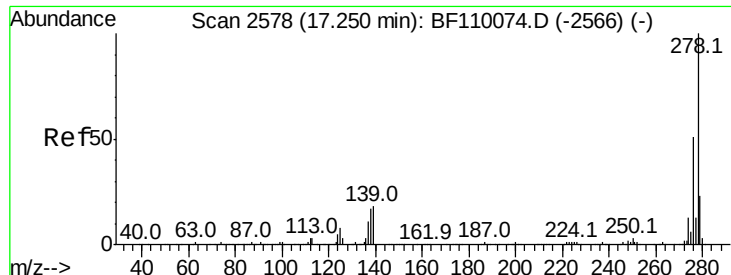
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.2	25.8
125	10.1	7.4	11.0



#90
Benzo(a)pyrene
Concen: 40.722 ng
RT: 15.63 min Scan# 2302
Delta R.T. 0.01 min
Lab File: BF110298.D
Acq: 30 Oct 2018 13:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.4
125	11.4	9.0	13.6

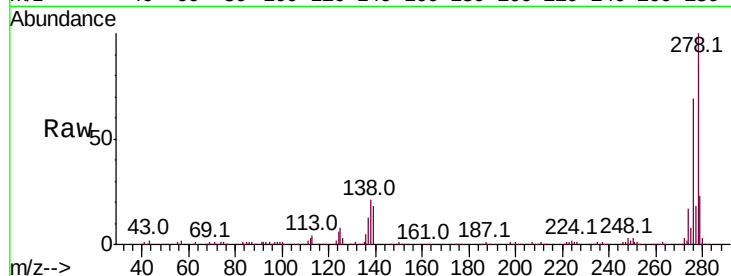




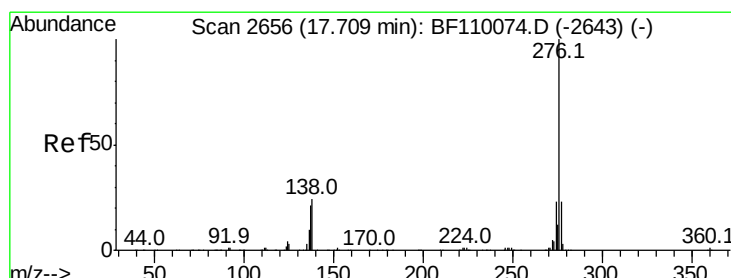
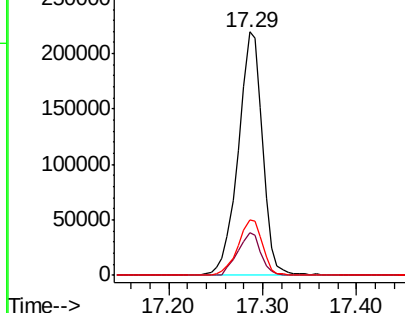
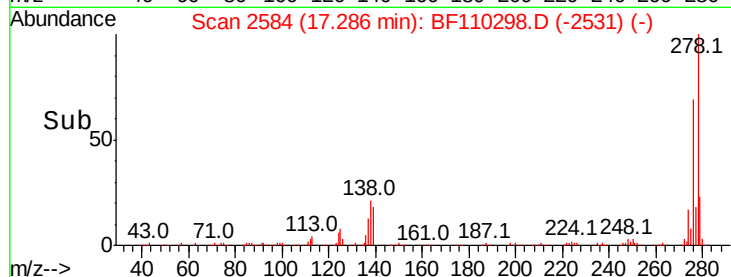
#91
Dibenzo(a,h)anthracene
Concen: 43.927 ng
RT: 17.29 min Scan# 2584
Delta R.T. 0.01 min
Lab File: BF110298.D
Acq: 30 Oct 2018 13:04

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.6	12.7	19.1
279	22.7	19.0	28.4

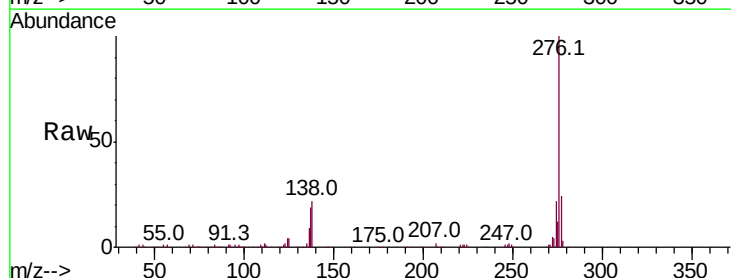


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 44.673 ng
RT: 17.76 min Scan# 2664
Delta R.T. 0.02 min
Lab File: BF110298.D
Acq: 30 Oct 2018 13:04

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.8	28.2
138	22.5	16.0	24.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

