

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102318\
 Data File : BF110082.D
 Acq On : 23 Oct 2018 17:25
 Operator : JU/SJ
 Sample : J5164-01
 Misc : LOD 1PPM
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 24 02:52:03 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 23 15:06:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	183771	20.00	ng	-0.02
21) Naphthalene-d8	8.25	136	775759	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	379769	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	746064	20.00	ng	-0.02
76) Chrysene-d12	14.14	240	647942	20.00	ng	-0.02
87) Perylene-d12	15.67	264	585136	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.58	112	1414832	125.37	ng	-0.02
7) Phenol-d6	6.59	99	1816483	125.84	ng	-0.02
23) Nitrobenzene-d5	7.53	82	1078877	82.49	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	472046	125.48	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	1945758	80.45	ng	-0.01
79) Terphenyl-d14	13.09	244	2048647	65.76	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.83	88	4536	0.767	ng	90
3) Pyridine	3.75	79	8611	0.654	ng	# 85
4) n-Nitrosodimethylamine	3.57	42	4324	0.784	ng	# 90
6) Aniline	6.63	93	13480	0.717	ng	# 53
8) 2-Chlorophenol	6.75	128	13740	1.056	ng	# 70
9) Benzaldehyde	6.52	77	8604	0.055	ng	88
10) Phenol	6.60	94	15756	1.021	ng	# 70
11) bis(2-Chloroethyl)ether	6.69	93	13867	1.092	ng	99
12) 1,3-Dichlorobenzene	6.98	146	15360	1.073	ng	99
13) 1,4-Dichlorobenzene	6.98	146	15360	1.061	ng	99
14) 1,2-Dichlorobenzene	7.13	146	14606	1.087	ng	97
15) Benzyl Alcohol	7.12	79	27211	2.451	ng	# 50
16) 2,2'-oxybis(1-Chloropropan	7.23	45	20455	1.008	ng	70
17) 2-Methylphenol	7.20	107	10877	1.049	ng	# 78
18) Hexachloroethane	7.47	117	5429	1.024	ng	89
19) n-Nitroso-di-n-propylamine	7.36	70	9637	1.041	ng	96
20) 3+4-Methylphenols	7.20	107	10877	0.812	ng	82
22) Acetophenone	7.36	105	19602	1.097	ng	93
24) Nitrobenzene	7.55	77	16942	1.255	ng	91
25) Isophorone	7.53	82	1078864	48.391	ng	# 67
26) 2-Nitrophenol	7.86	139	5358	0.834	ng	89
27) 2,4-Dimethylphenol	7.89	122	10608	0.996	ng	93
28) bis(2-Chloroethoxy)methane	7.99	93	15279	1.009	ng	98
29) 2,4-Dichlorophenol	8.10	162	10307	0.958	ng	96
30) 1,2,4-Trichlorobenzene	8.19	180	11615	0.963	ng	93
31) Naphthalene	8.27	128	42173	1.180	ng	98
32) Benzoic acid	7.93	122	2848	0.346	ng	# 66
33) 4-Chloroaniline	8.32	127	10880	0.676	ng	97
34) Hexachlorobutadiene	8.38	225	6563	0.980	ng	93
35) Caprolactam	8.64	113	3089	0.823	ng	87
36) 4-Chloro-3-methylphenol	8.78	107	10949	0.941	ng	98
37) 2-Methylnaphthalene	8.96	142	28690	1.213	ng	92
38) 1-Methylnaphthalene	9.06	142	27191	1.189	ng	92
40) 1,2,4,5-Tetrachlorobenzene	9.12	216	11950	1.010	ng	97

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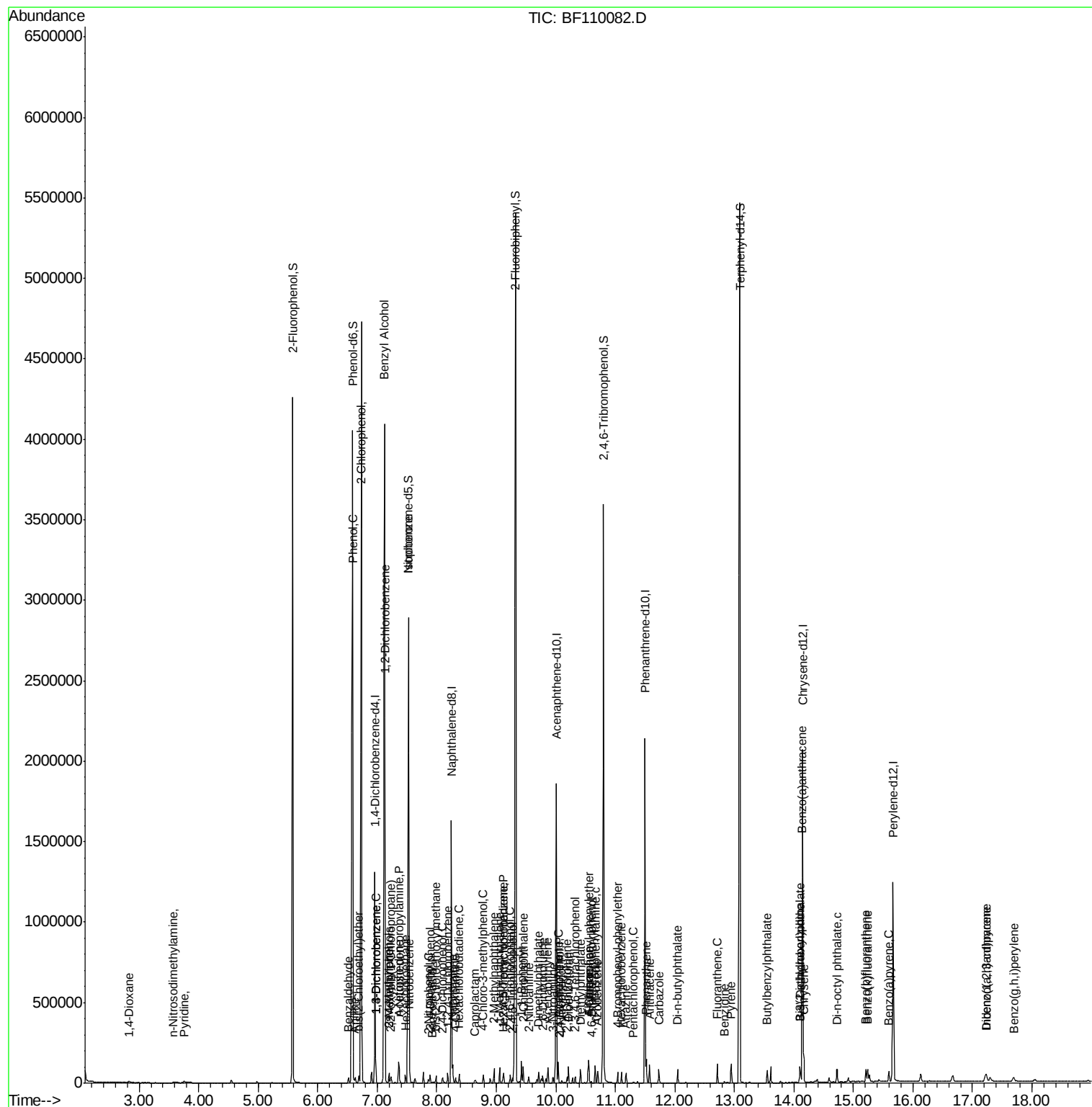
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.11	237	4377	0.723	ng	94
43) 2,4,6-Trichlorophenol	9.23	196	7008	0.918	ng	95
44) 2,4,5-Trichlorophenol	9.27	196	7419	0.920	ng	93
46) 1,1'-Biphenyl	9.42	154	38839	1.131	ng	99
47) 2-Chloronaphthalene	9.45	162	26416	1.049	ng	98
48) 2-Nitroaniline	9.55	65	7076	0.927	ng	94
49) Acenaphthylene	9.87	152	40524	1.114	ng	98
50) Dimethylphthalate	9.71	163	29561	1.054	ng	# 99
51) 2,6-Dinitrotoluene	9.78	165	5314	0.880	ng	88
52) Acenaphthene	10.04	154	24902	1.035	ng	92
53) 3-Nitroaniline	9.96	138	5712	0.795	ng	89
54) 2,4-Dinitrophenol	10.06	184	414	5.337	ng	95
55) Dibenzofuran	10.21	168	37201	1.104	ng	96
56) 4-Nitrophenol	10.10	139	4115	0.774	ng	91
57) 2,4-Dinitrotoluene	10.19	165	6282	0.819	ng	# 93
58) Fluorene	10.56	166	29906	1.192	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.33	232	6041	0.919	ng	# 98
60) Diethylphthalate	10.42	149	28908	1.056	ng	99
61) 4-Chlorophenyl-phenylether	10.55	204	14251	1.077	ng	92
62) 4-Nitroaniline	10.56	138	5856	0.820	ng	97
63) Azobenzene	10.70	77	28552	1.051	ng	97
65) 4,6-Dinitro-2-methylphenol	10.59	198	1182	0.347	ng	# 62
66) n-Nitrosodiphenylamine	10.66	169	24788	1.013	ng	93
67) 4-Bromophenyl-phenylether	11.04	248	7939	0.981	ng	88
68) Hexachlorobenzene	11.10	284	8858	1.032	ng	98
69) Atrazine	11.18	200	7932	1.026	ng	98
70) Pentachlorophenol	11.30	266	1658	0.331	ng	# 83
71) Phenanthrene	11.52	178	46504	1.191	ng	97
72) Anthracene	11.57	178	45989	1.175	ng	98
73) Carbazole	11.73	167	39963	1.046	ng	97
74) Di-n-butylphthalate	12.05	149	44661	1.035	ng	98
75) Fluoranthene	12.72	202	46504	1.174	ng	98
77) Benzidine	12.83	184	6642	0.243	ng	99
78) Pyrene	12.94	202	46571	1.003	ng	98
80) Butylbenzylphthalate	13.55	149	17728	0.879	ng	97
81) Benzo(a)anthracene	14.13	228	43252	1.126	ng	100
82) 3,3'-Dichlorobenzidine	14.10	252	9562	0.715	ng	92
83) Chrysene	14.17	228	41193	1.129	ng	98
84) Bis(2-ethylhexyl)phthalate	14.10	149	26151	0.959	ng	95
85) Di-n-octyl phthalate	14.73	149	40177	0.948	ng	# 94
86) Indeno(1,2,3-cd)pyrene	17.22	276	31965	1.056	ng	# 94
88) Benzo(b)fluoranthene	15.21	252	37771	1.118	ng	98
89) Benzo(k)fluoranthene	15.24	252	33173	0.999	ng	# 95
90) Benzo(a)pyrene	15.60	252	33261	1.070	ng	99
91) Dibenzo(a,h)anthracene	17.24	278	26600	0.992	ng	95
92) Benzo(g,h,i)perylene	17.69	276	25497	0.964	ng	# 89

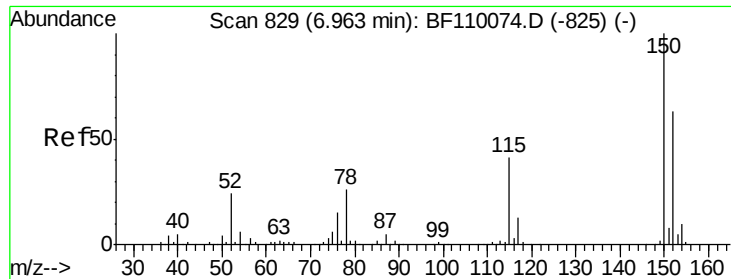
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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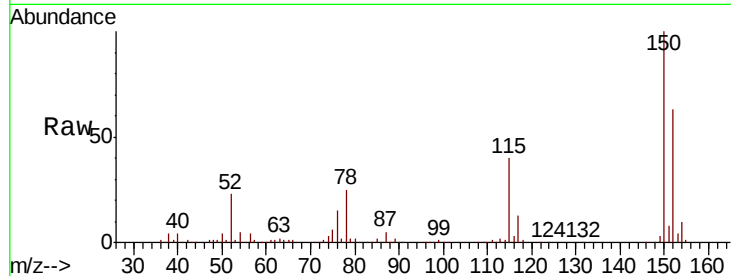


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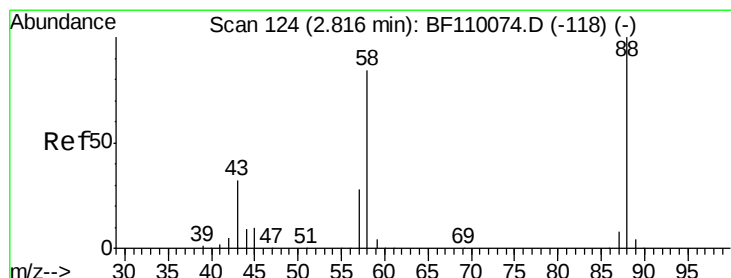
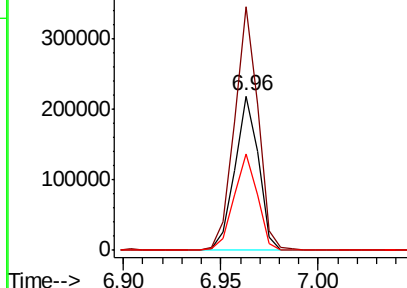
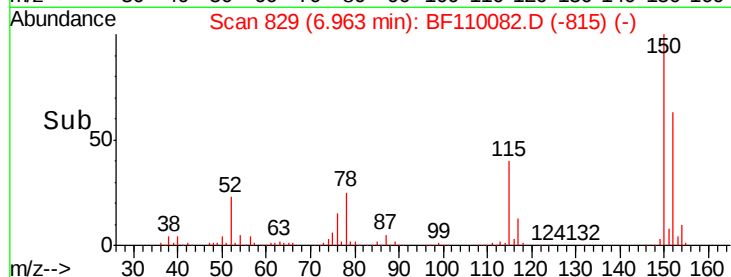
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.02 min
Lab File: BF110082.D
Acq: 23 Oct 2018 17:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 183771
Ion Ratio Lower Upper
152 100
150 157.8 122.7 184.1
115 62.8 49.1 73.7



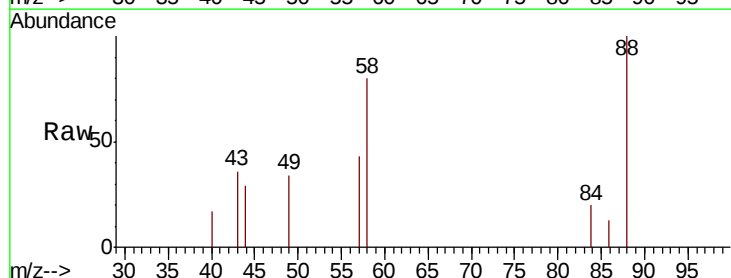
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



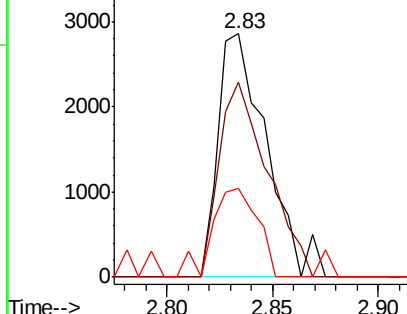
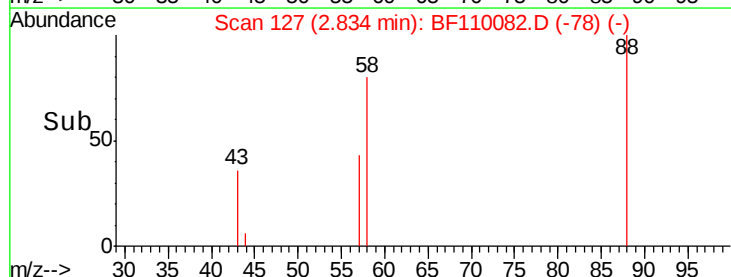
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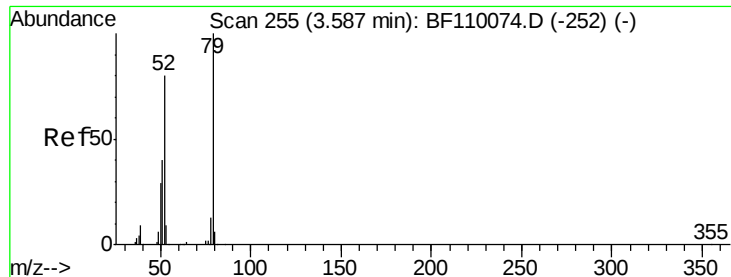
1,4-Dioxane
Concen: 0.767 ng
RT: 2.83 min Scan# 127
Delta R.T. -0.01 min
Lab File: BF110082.D
Acq: 23 Oct 2018 17:25

Tgt Ion: 88 Resp: 4536
Ion Ratio Lower Upper
88 100
58 80.5 57.1 85.7
43 34.4 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: 0.654 ng

RT: 3.75 min Scan# 283

Delta R.T. 0.14 min

Lab File: BF110082.D

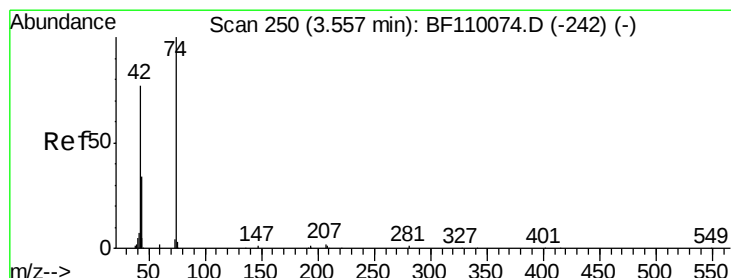
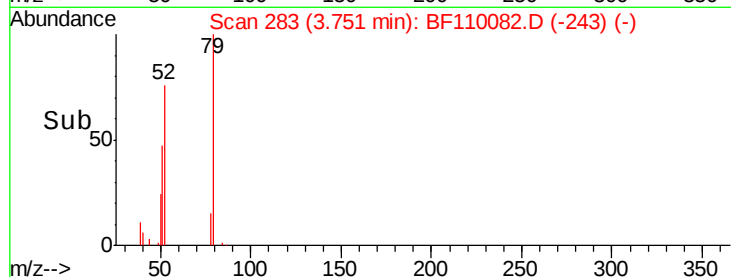
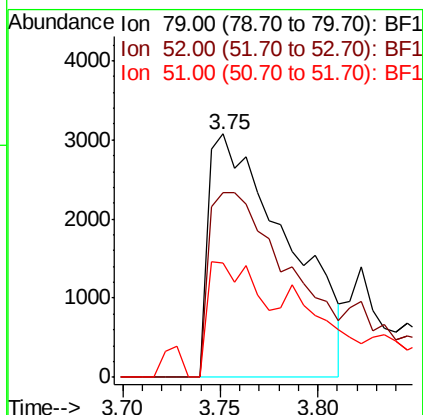
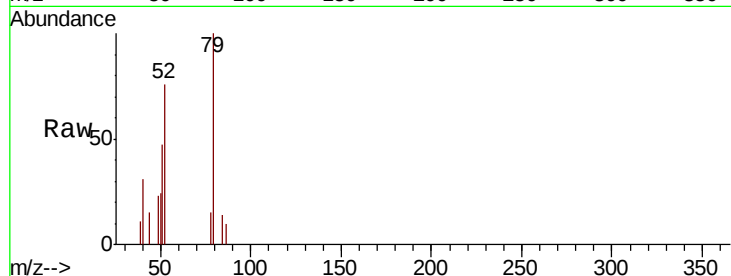
Acq: 23 Oct 2018 17:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	79	Resp:	8611
Ion	Ratio	Lower	Upper
79	100		
52	76.0	53.1	79.7
51	46.7	27.4	41.2#



#4

n-Nitrosodimethylamine

Concen: 0.784 ng

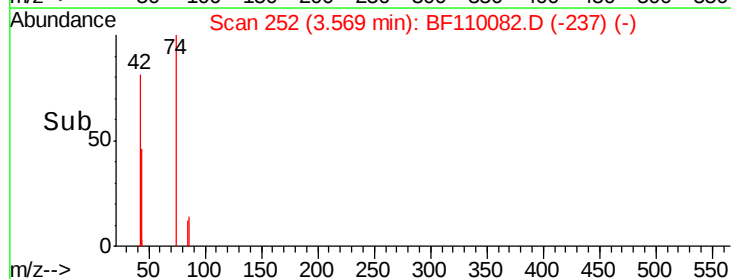
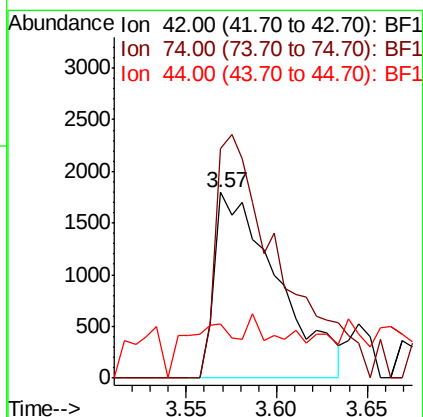
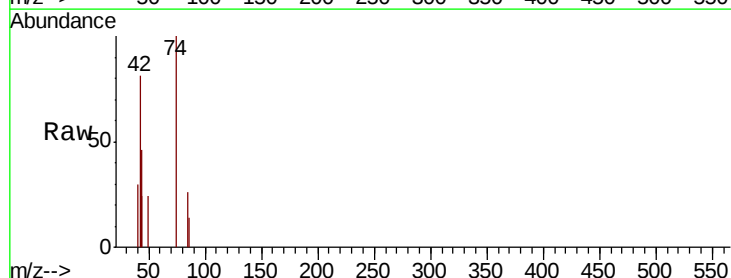
RT: 3.57 min Scan# 252

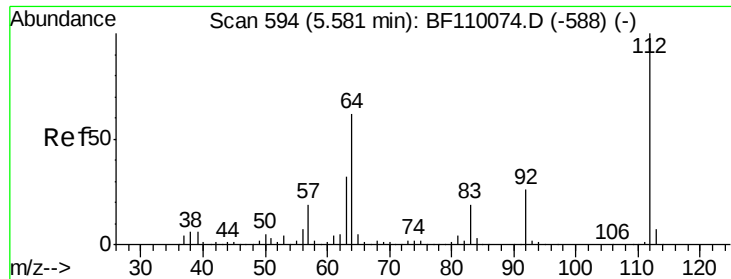
Delta R.T. -0.01 min

Lab File: BF110082.D

Acq: 23 Oct 2018 17:25

Tgt Ion:	42	Resp:	4324
Ion	Ratio	Lower	Upper
42	100		
74	123.6	105.5	158.3
44	29.5	4.9	7.3#





#5

2-Fluorophenol

Concen: 125.373 ng

RT: 5.58 min Scan# 594

Delta R.T. -0.02 min

Lab File: BF110082.D

Acq: 23 Oct 2018 17:25

Instrument :

BNA_F

ClientSampled :

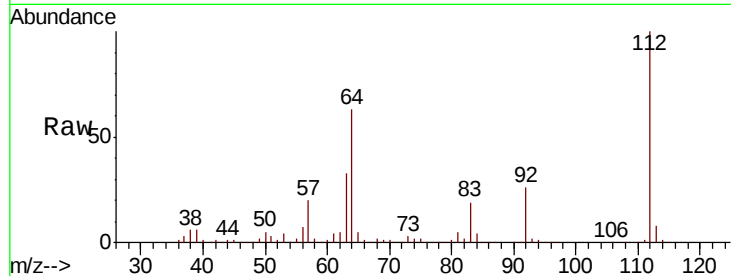
Tot Ion:112 Resp: 1414832

Ion Ratio Lower Upper

112 100

64 62.5 44.1 66.1

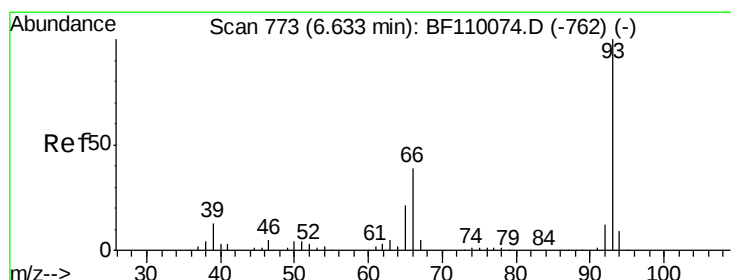
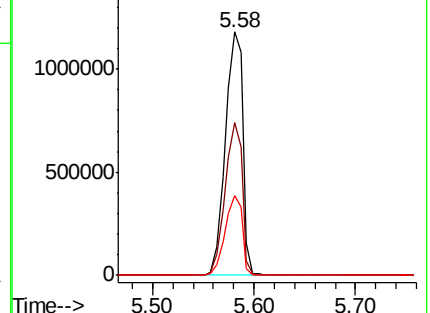
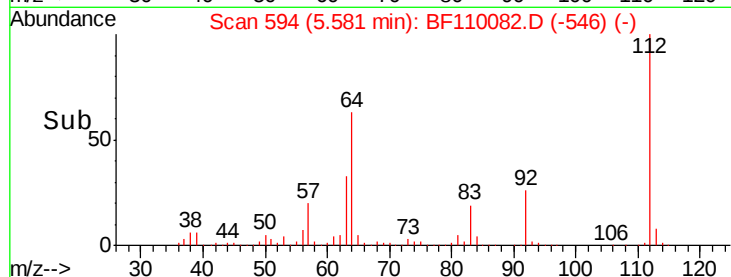
63 32.7 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 0.717 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF110082.D

Acq: 23 Oct 2018 17:25

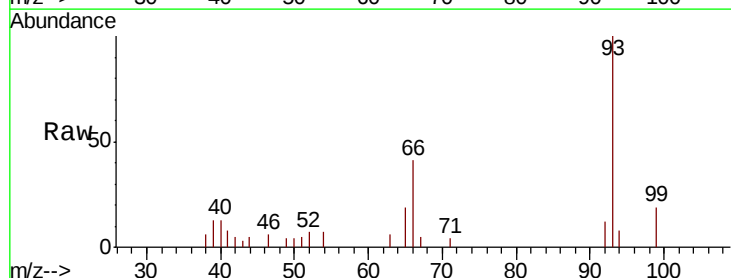
Tgt Ion: 93 Resp: 13480

Ion Ratio Lower Upper

93 100

66 41.2 67.4 101.0#

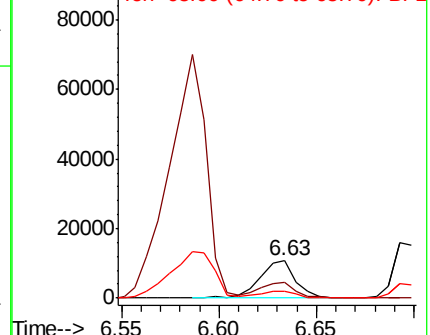
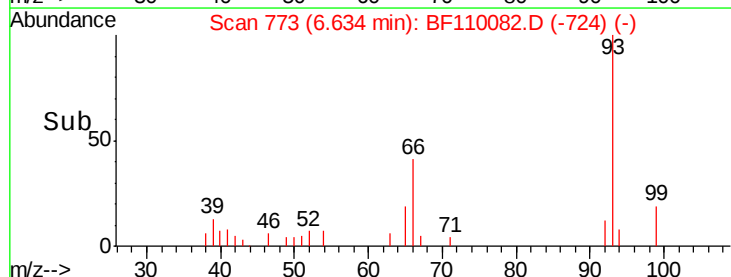
65 19.0 41.0 61.4#

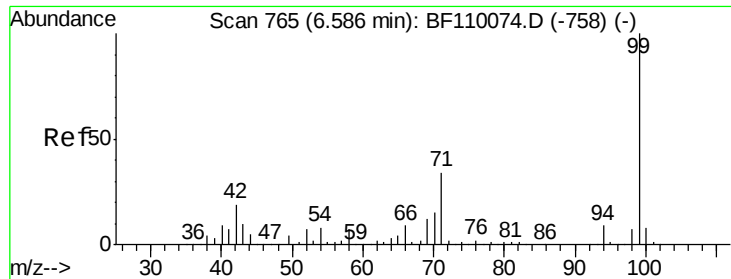


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 125.844 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF110082.D

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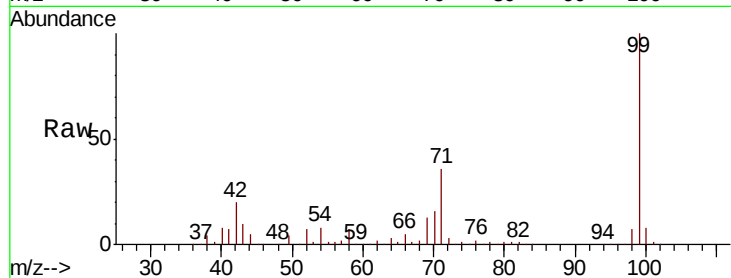
Tot Ion: 99 Resp: 1816483

Ion Ratio Lower Upper

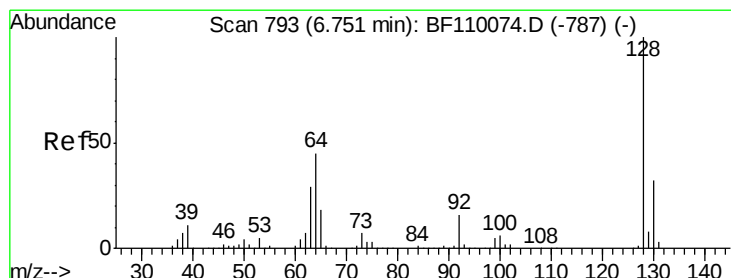
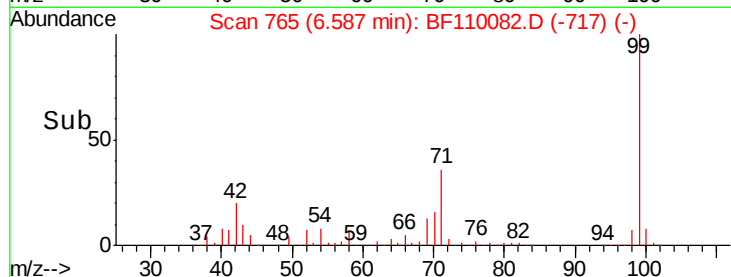
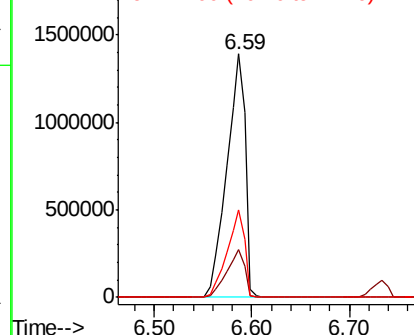
99 100

42 19.7 15.8 23.6

71 35.8 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 1.056 ng

RT: 6.75 min Scan# 792

Delta R.T. -0.02 min

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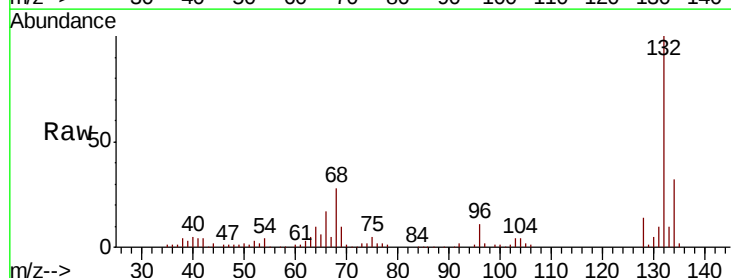
Tgt Ion: 128 Resp: 13740

Ion Ratio Lower Upper

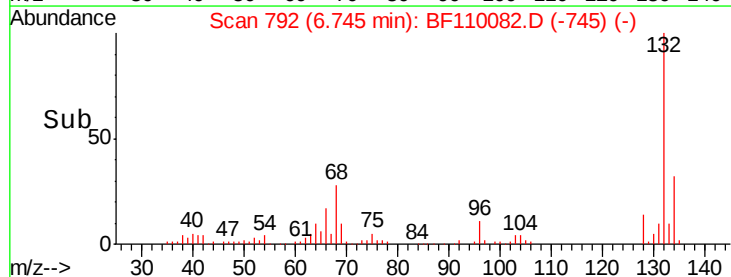
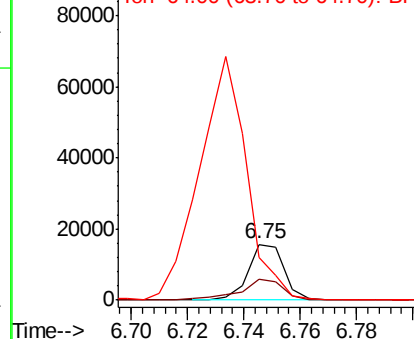
128 100

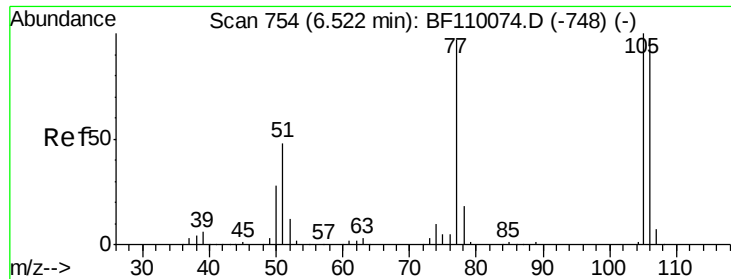
130 37.3 13.1 53.1

64 76.8 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

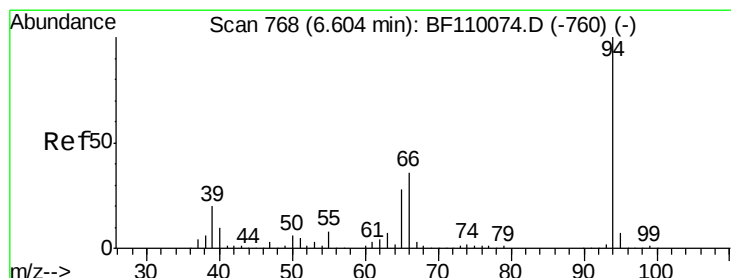
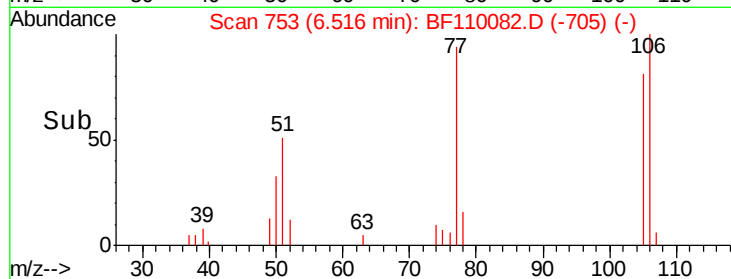
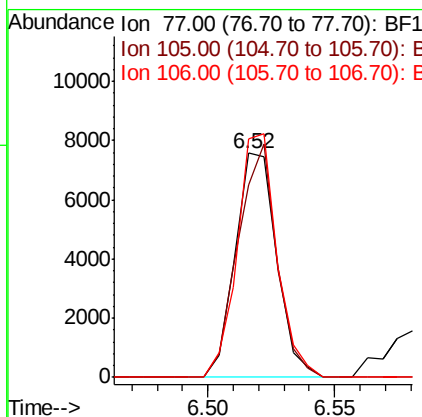
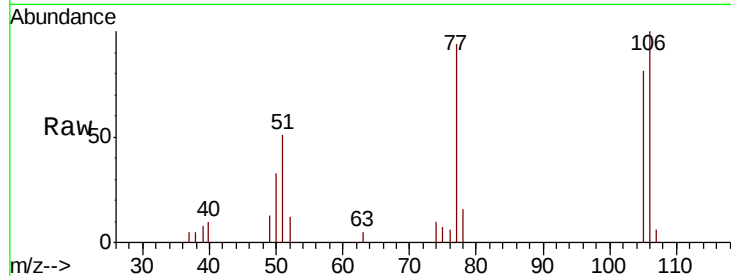




#9
Benzaldehyde
Concen: 0.055 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.02 min
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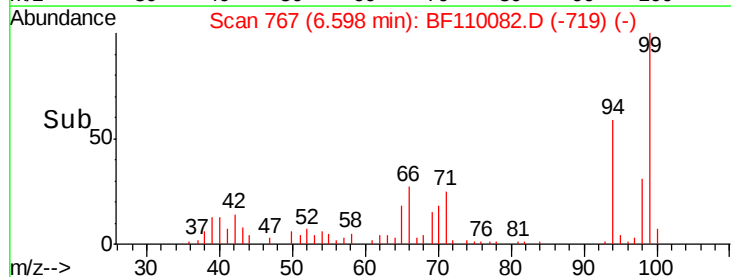
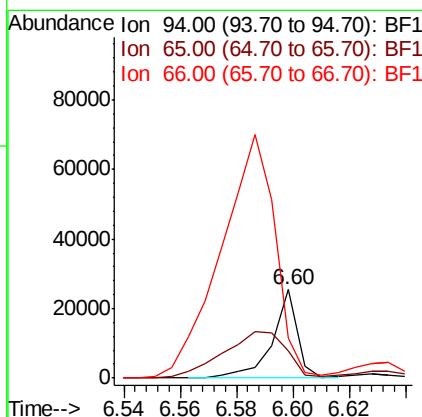
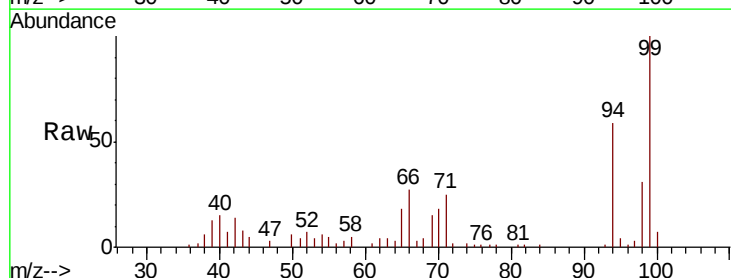
Instrument :
BNA_F
ClientSampled :

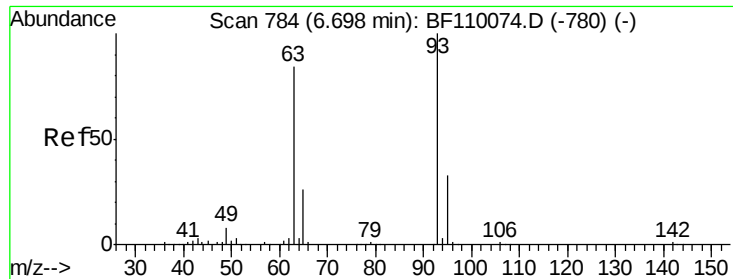
Tot Ion: 77 Resp: 8604
Ion Ratio Lower Upper
77 100
105 85.9 78.6 118.6
106 106.1 74.8 114.8



#10
Phenol
Concen: 1.021 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.02 min
Lab File: BF110082.D
Acq: 23 Oct 2018 17:25

Tgt Ion: 94 Resp: 15756
Ion Ratio Lower Upper
94 100
65 31.0 25.3 65.3
66 44.8 54.5 94.5#

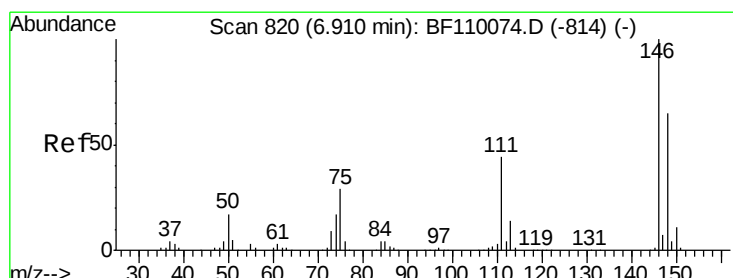
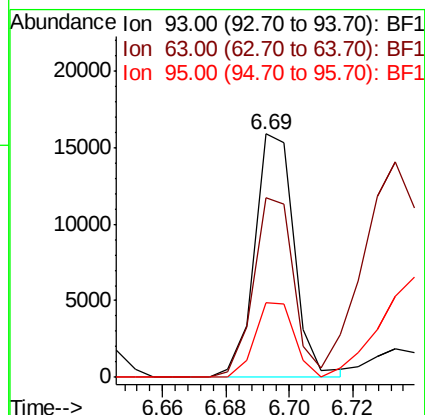
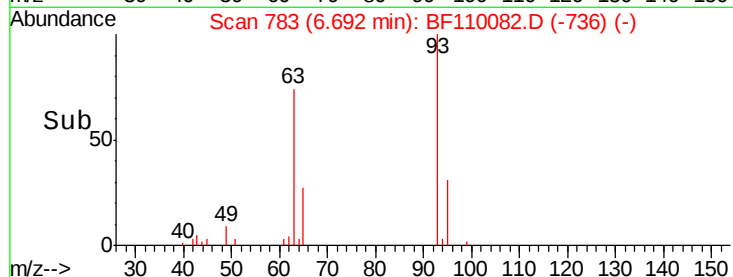
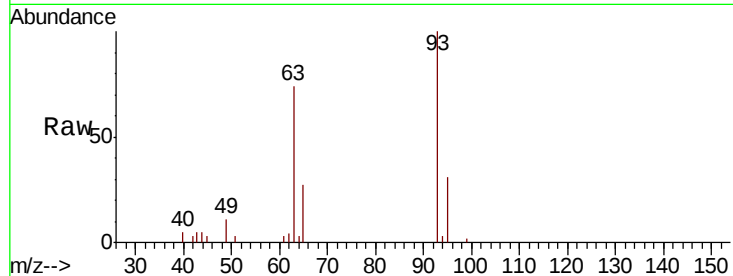




#11
bis(2-Chloroethyl)ether
Concen: 1.092 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF110082.D
Acq: 23 Oct 2018 17:25

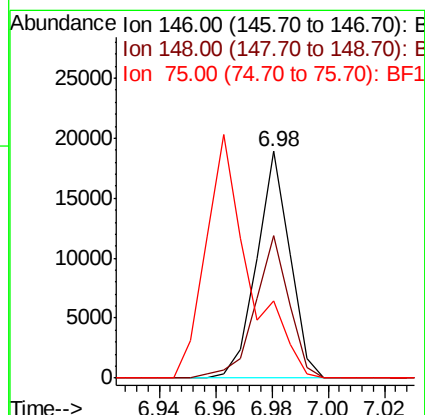
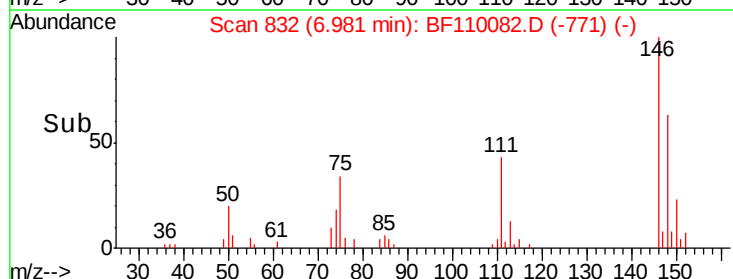
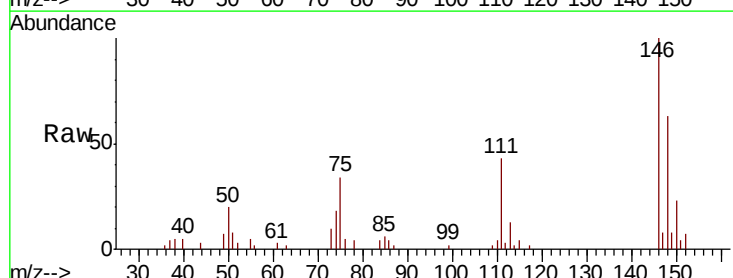
Instrument :
BNA_F
ClientSampleId :

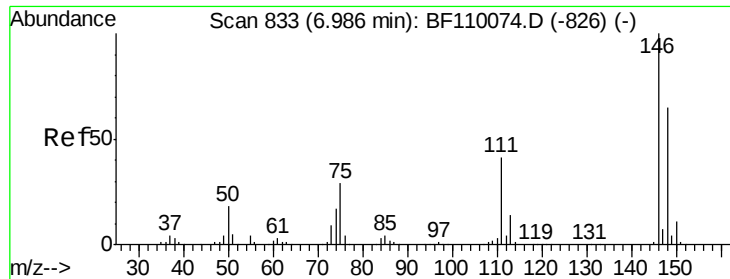
Tot Ion: 93 Resp: 13867
Ion Ratio Lower Upper
93 100
63 73.6 53.4 93.4
95 30.8 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 1.073 ng
RT: 6.98 min Scan# 832
Delta R.T. 0.06 min
Lab File: BF110082.D
Acq: 23 Oct 2018 17:25

Tgt Ion: 146 Resp: 15360
Ion Ratio Lower Upper
146 100
148 62.9 50.4 75.6
75 34.0 25.8 38.6

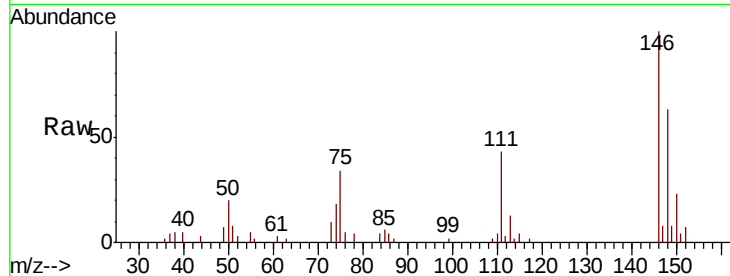




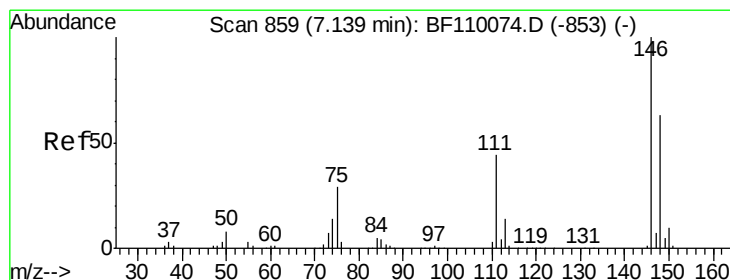
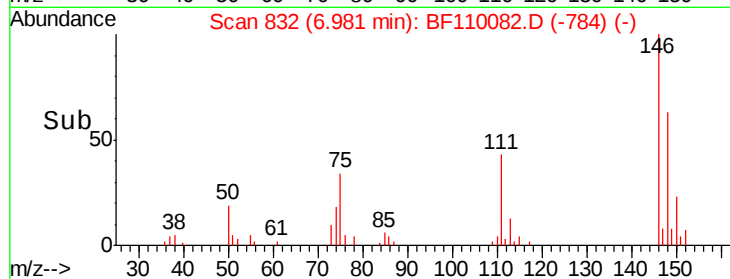
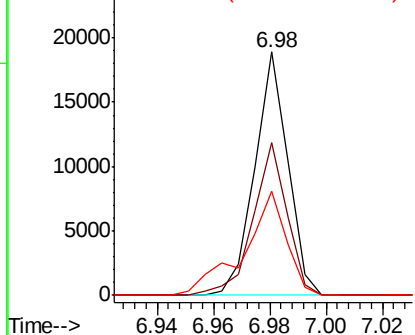
#13
 1,4-Dichlorobenzene
 Concen: 1.061 ng
 RT: 6.98 min Scan# 832
 Delta R.T. -0.02 min
 Lab File: BF110082.D
 Acq: 23 Oct 2018 17:25

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 15360
 Ion Ratio Lower Upper
 146 100
 148 62.9 50.3 75.5
 111 42.6 32.7 49.1

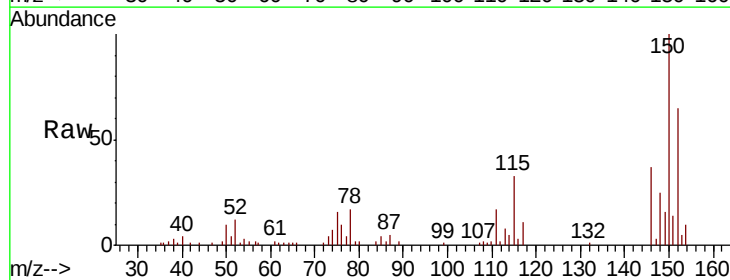


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

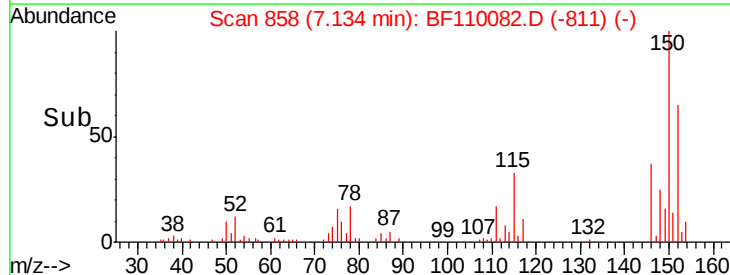
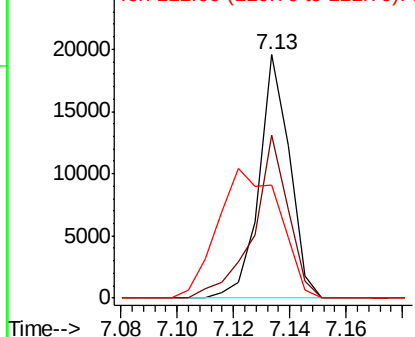


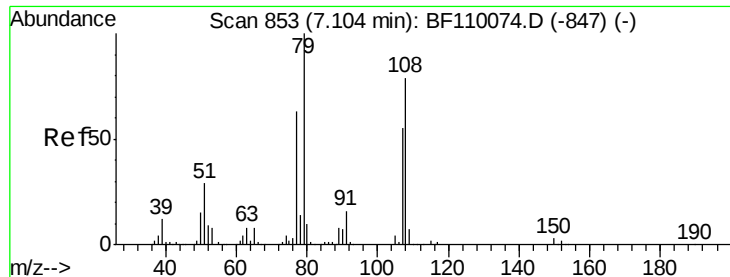
#14
 1,2-Dichlorobenzene
 Concen: 1.087 ng
 RT: 7.13 min Scan# 858
 Delta R.T. -0.02 min
 Lab File: BF110082.D
 Acq: 23 Oct 2018 17:25

Tgt Ion:146 Resp: 14606
 Ion Ratio Lower Upper
 146 100
 148 67.0 51.1 76.7
 111 46.4 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: 2.451 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.00 min

Lab File: BF110082.D

Acq: 23 Oct 2018 17:25

Instrument :

BNA_F

ClientSampled :

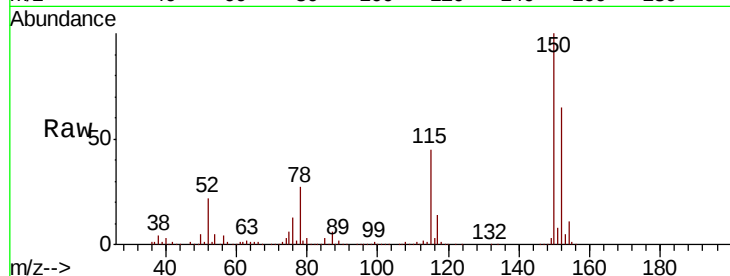
Tot Ion: 79 Resp: 27211

Ion Ratio Lower Upper

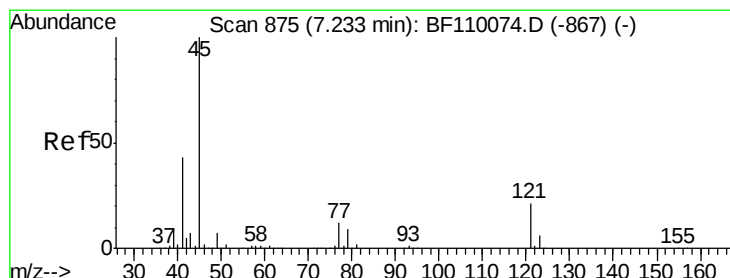
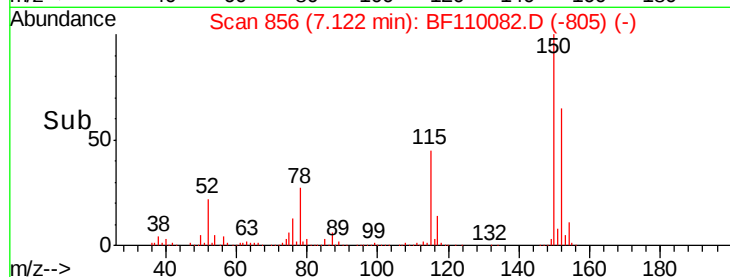
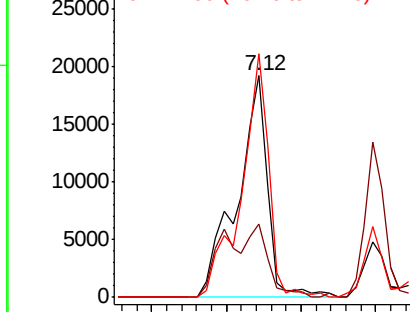
79 100

108 33.0 56.3 84.5#

77 109.8 52.9 79.3#



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 1.008 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.02 min

Lab File: BF110082.D

Acq: 23 Oct 2018 17:25

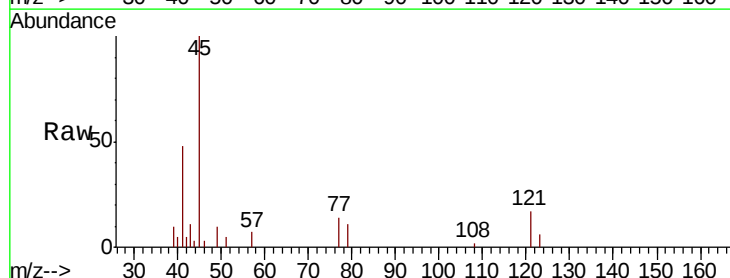
Tgt Ion: 45 Resp: 20455

Ion Ratio Lower Upper

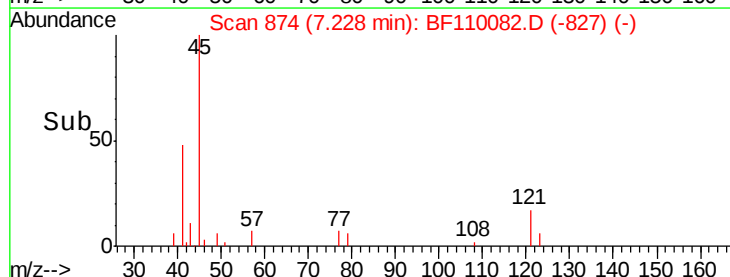
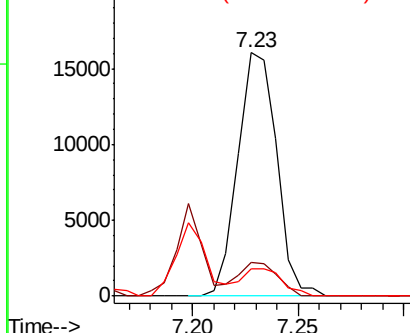
45 100

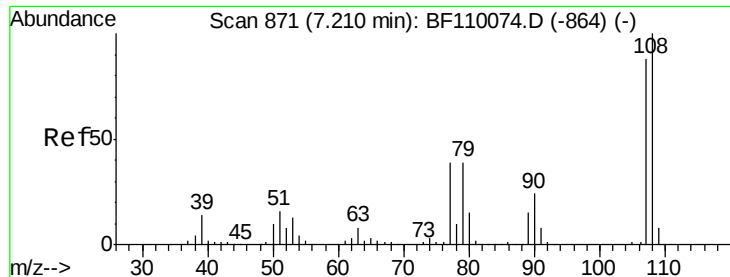
77 13.7 10.0 50.0

79 11.0 6.1 46.1



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





#17

2-Methylphenol

Concen: 1.049 ng

RT: 7.20 min Scan# 869

Delta R.T. -0.02 min

Lab File: BF110082.D

Acq: 23 Oct 2018 17:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 10877

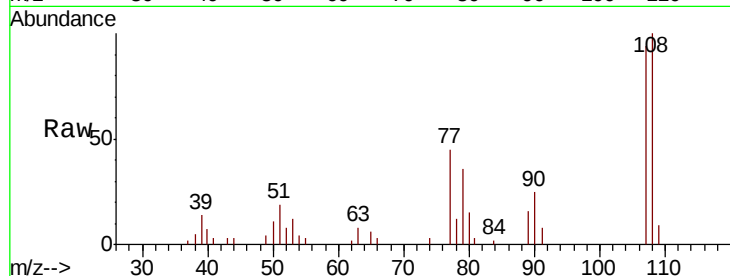
Ion Ratio Lower Upper

107 100

108 106.7 92.6 138.8

77 48.5 59.4 89.2#

79 38.1 54.0 81.0#

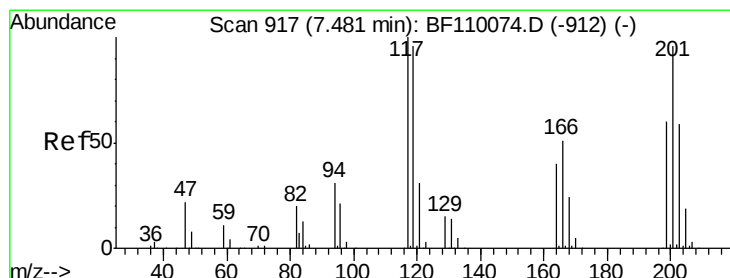
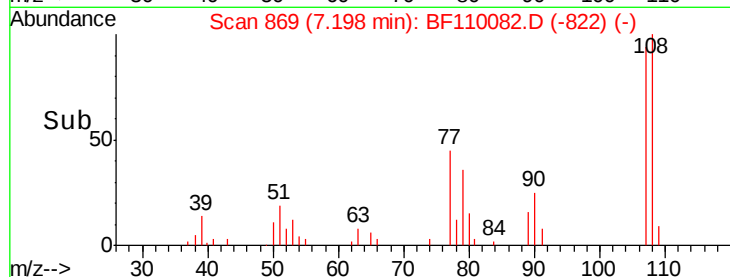
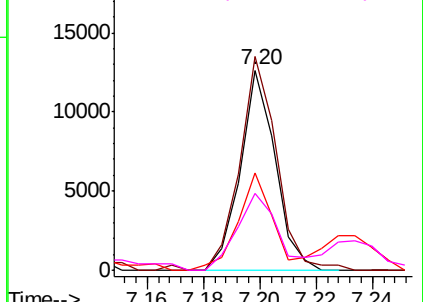


Abundance Ion 107.00 (106.70 to 107.70): E

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: 1.024 ng

RT: 7.47 min Scan# 916

Delta R.T. -0.02 min

Lab File: BF110082.D

Acq: 23 Oct 2018 17:25

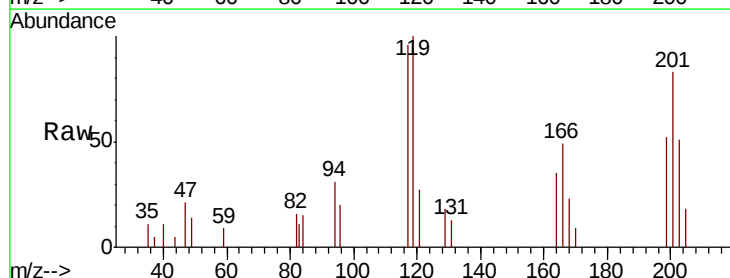
Tgt Ion:117 Resp: 5429

Ion Ratio Lower Upper

117 100

119 104.4 75.0 112.6

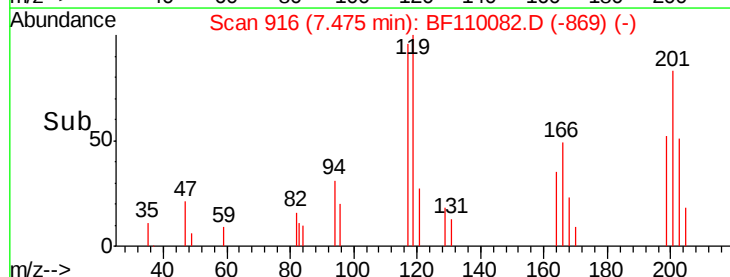
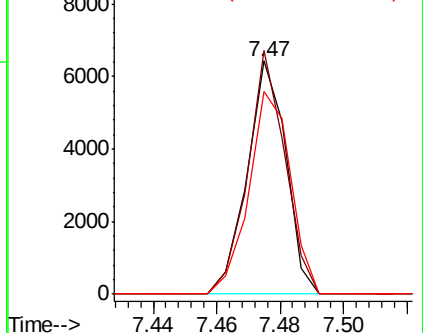
201 87.2 79.2 118.8

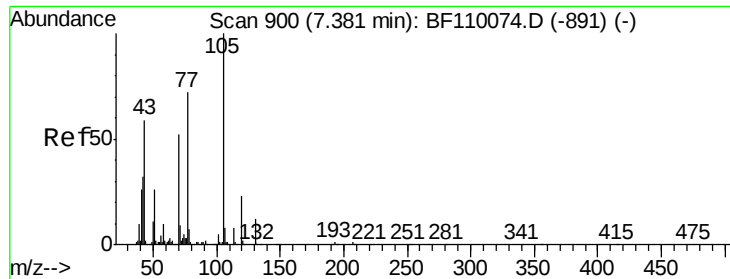


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

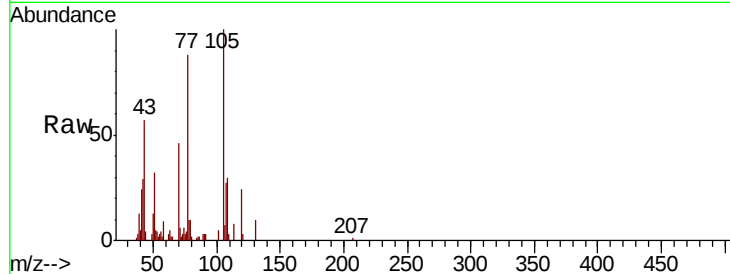




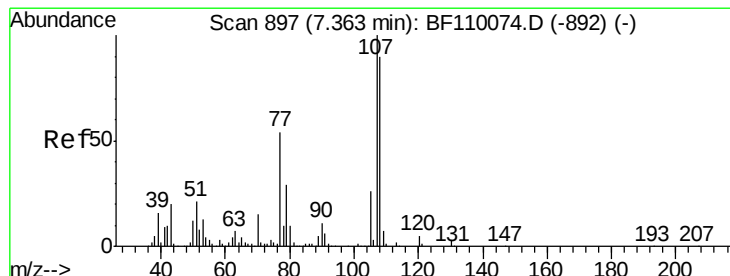
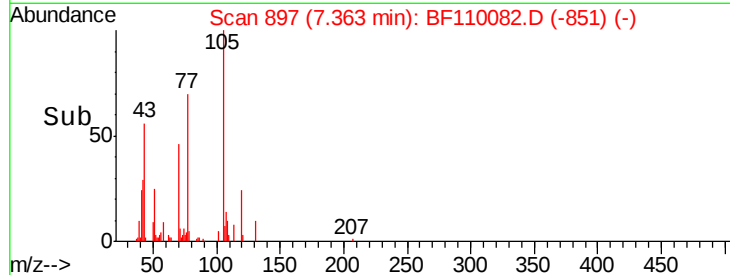
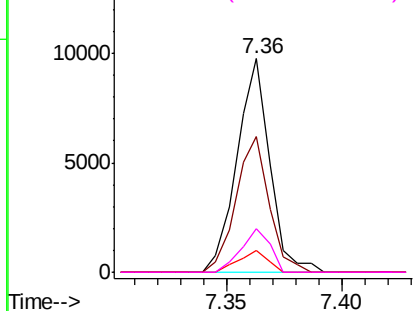
#19
n-Nitroso-di-n-propylamine
Concen: 1.041 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.03 min
Lab File: BF110082.D
Acq: 23 Oct 2018 17:25

Instrument :
BNA_F
ClientSampled :

Tot Ion:	70	Resp:	9637
Ion	Ratio	Lower	Upper
70	100		
42	63.4	47.4	71.2
101	10.3	7.3	10.9
130	20.7	16.2	24.2

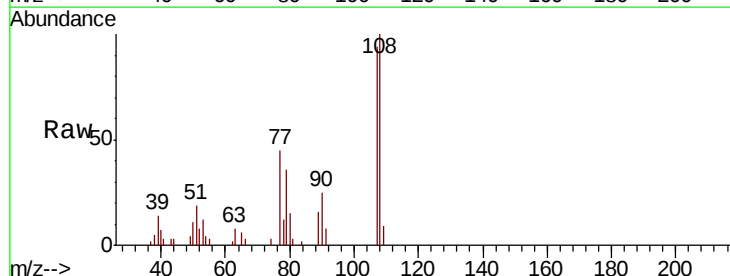


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

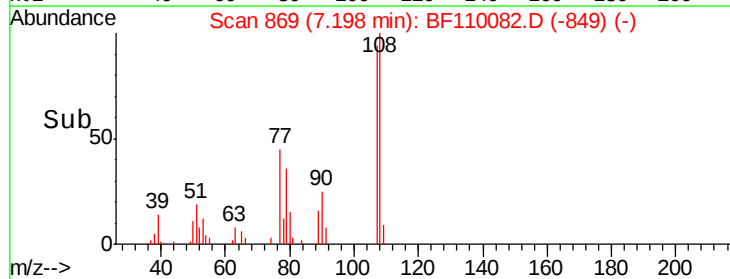
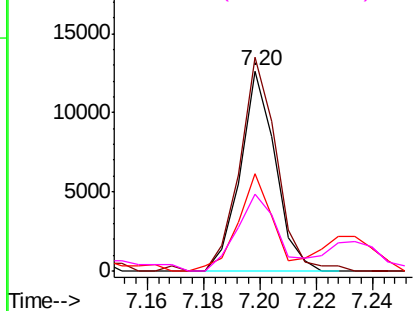


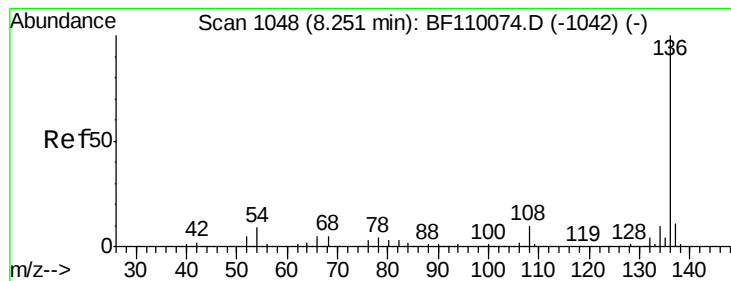
#20
3+4-Methylphenols
Concen: 0.812 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.18 min
Lab File: BF110082.D
Acq: 23 Oct 2018 17:25

Tgt Ion:	107	Resp:	10877
Ion	Ratio	Lower	Upper
107	100		
108	106.7	71.4	111.4
77	48.5	47.3	87.3
79	38.1	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: 8.25 min Scan# 1047

Delta R.T. -0.02 min

Lab File: BF110082.D

Acq: 23 Oct 2018 17:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 775759

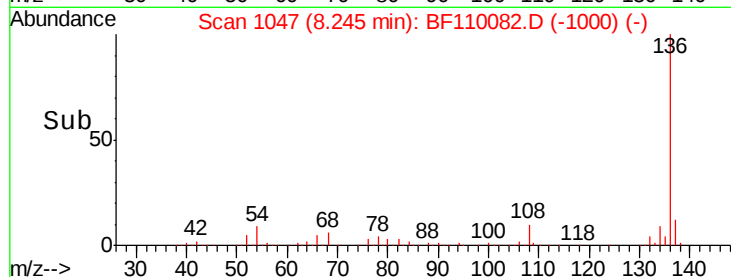
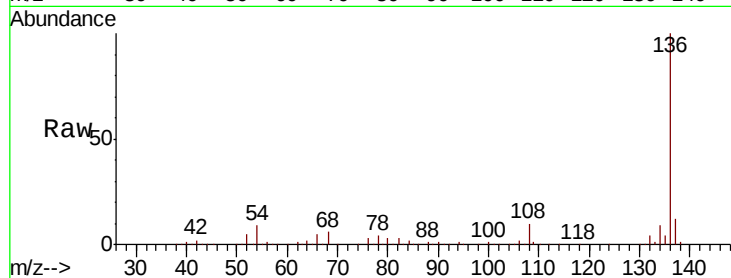
Ion Ratio Lower Upper

136 100

137 11.7 8.8 13.2

54 8.7 5.4 8.2#

68 5.7 4.2 6.2

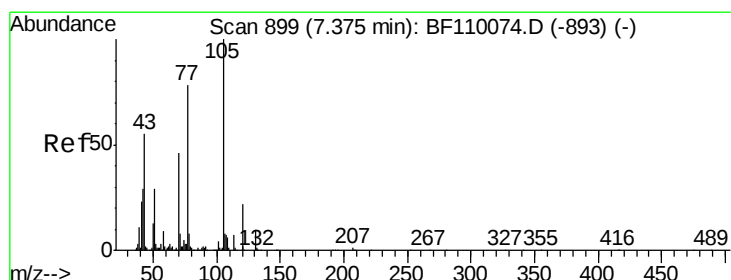
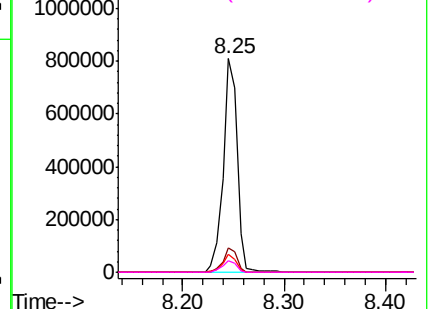


Abundance Ion 136.00 (135.70 to 136.70): E

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: 1.097 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.03 min

Lab File: BF110082.D

Acq: 23 Oct 2018 17:25

Tgt Ion:105 Resp: 19602

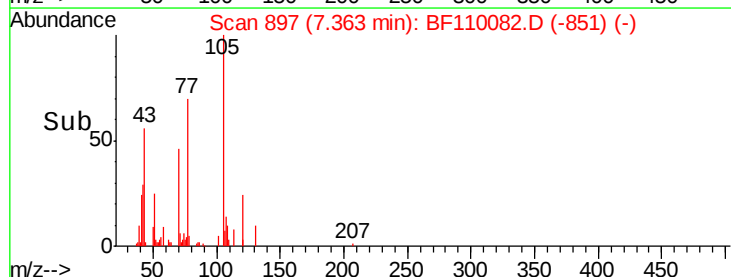
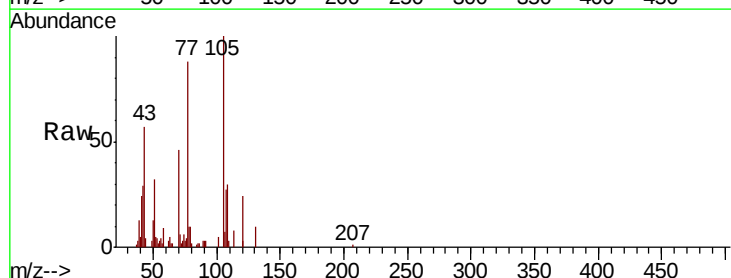
Ion Ratio Lower Upper

105 100

71 6.2 5.2 7.8

51 32.1 21.8 32.8

120 23.5 17.0 25.4

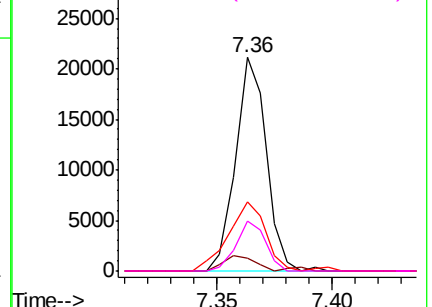


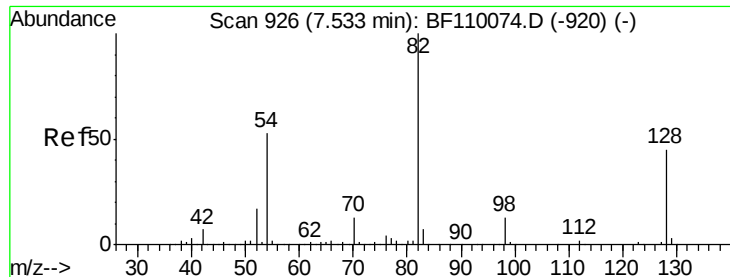
Abundance Ion 105.00 (104.70 to 105.70): E

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



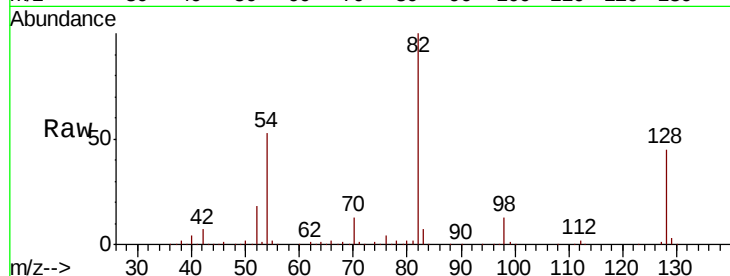


#23
 Nitrobenzene-d5
 Concen: 82.489 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.02 min
 Lab File: BF110082.D
 Acq: 23 Oct 2018 17:25

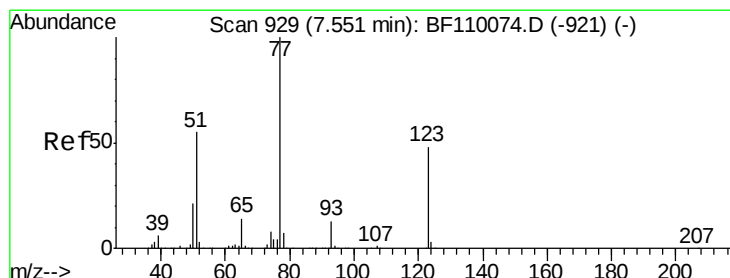
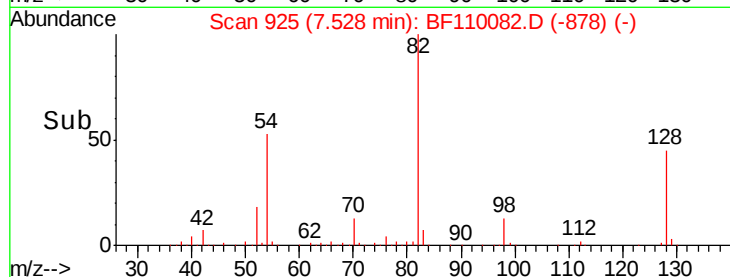
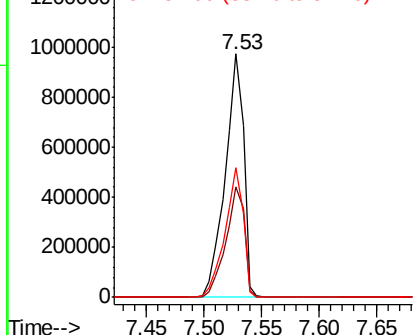
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1078877

Ion	Ratio	Lower	Upper
82	100		
128	45.4	34.2	51.2
54	53.3	38.6	58.0



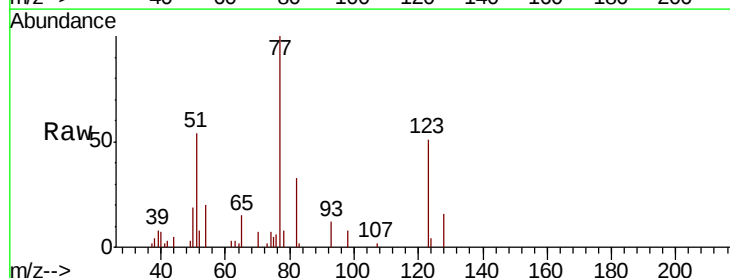
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



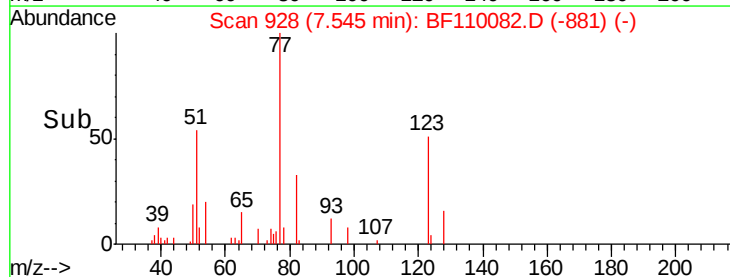
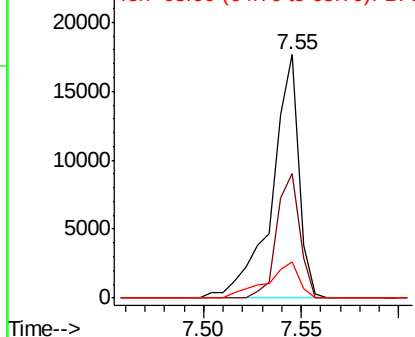
#24
 Nitrobenzene
 Concen: 1.255 ng
 RT: 7.55 min Scan# 928
 Delta R.T. -0.02 min
 Lab File: BF110082.D
 Acq: 23 Oct 2018 17:25

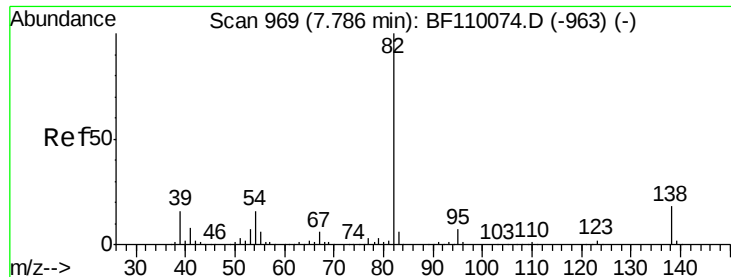
Tgt Ion: 77 Resp: 16942

Ion	Ratio	Lower	Upper
77	100		
123	51.0	35.7	53.5
65	15.0	10.7	16.1



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

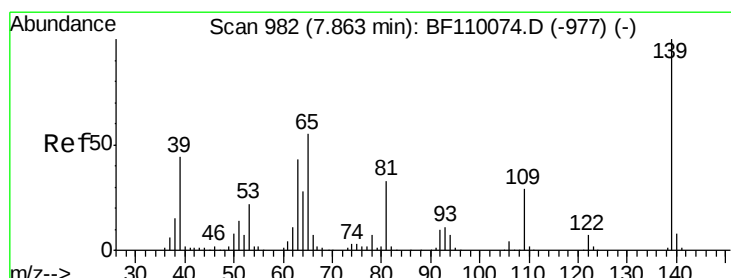
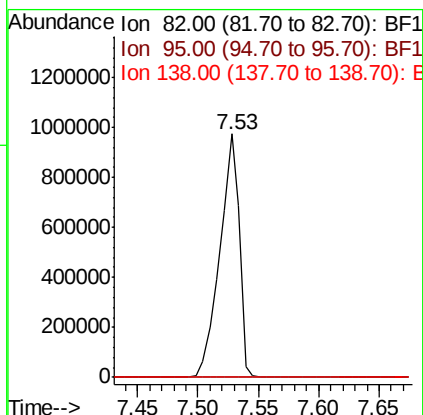
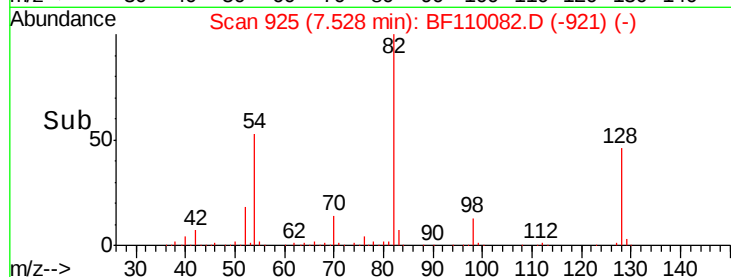
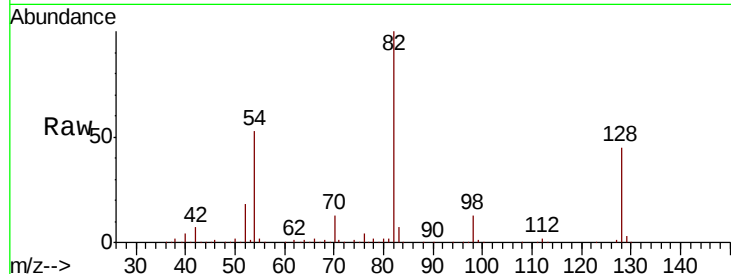




#25
Isophorone
Concen: 48.391 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.28 min
Lab File: BF110082.D
Acq: 23 Oct 2018 17:25

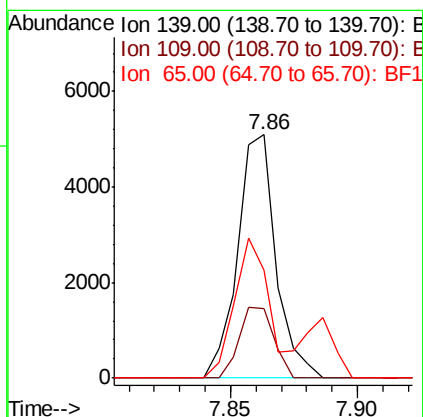
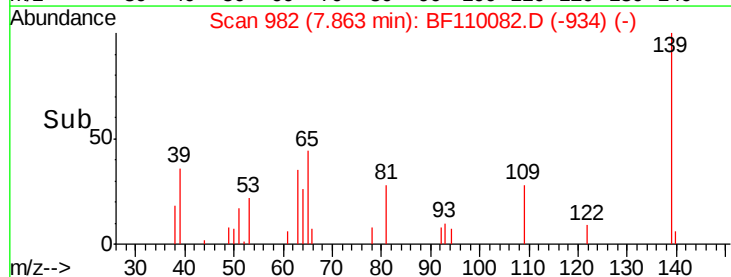
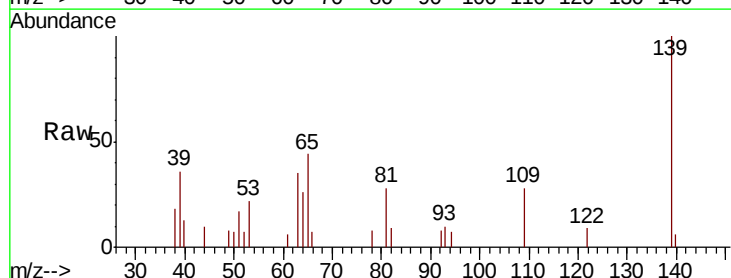
Instrument :
BNA_F
ClientSampleId :

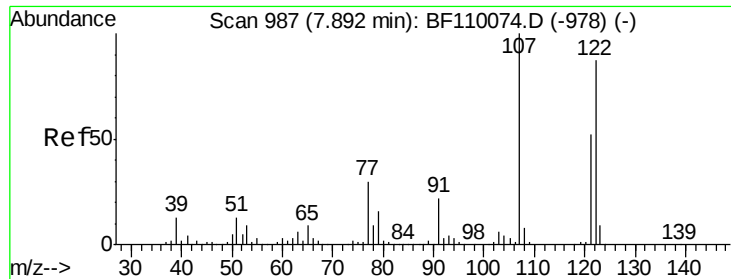
Tot Ion: 82 Resp: 1078864
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#



#26
2-Nitrophenol
Concen: 0.834 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.02 min
Lab File: BF110082.D
Acq: 23 Oct 2018 17:25

Tgt Ion: 139 Resp: 5358
Ion Ratio Lower Upper
139 100
109 28.4 25.0 37.6
65 44.4 44.0 66.0

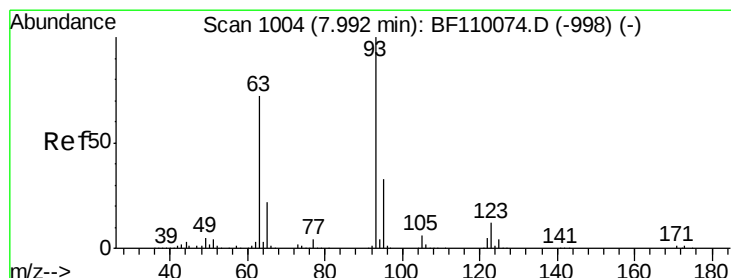
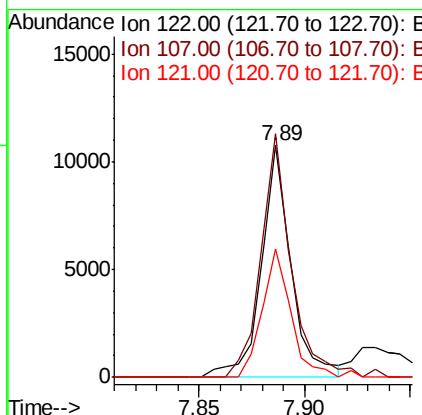
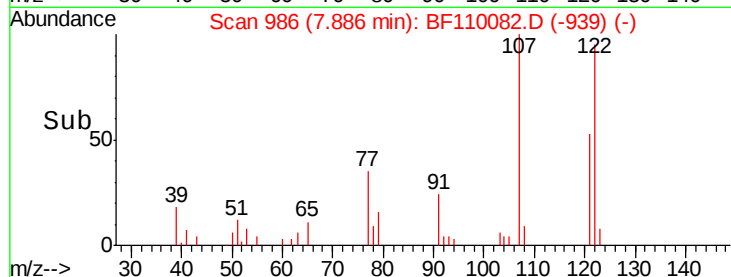
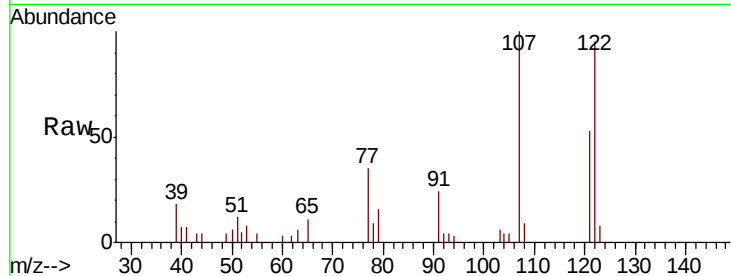




#27
2,4-Dimethylphenol
Concen: 0.996 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.02 min
Lab File: BF110082.D
Acq: 23 Oct 2018 17:25

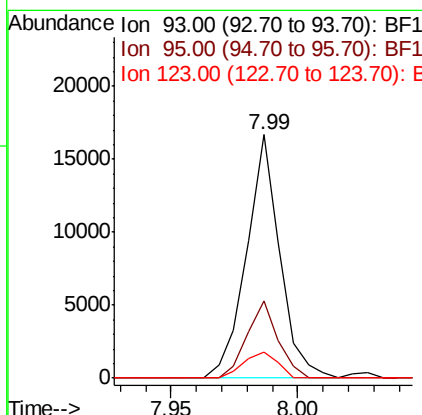
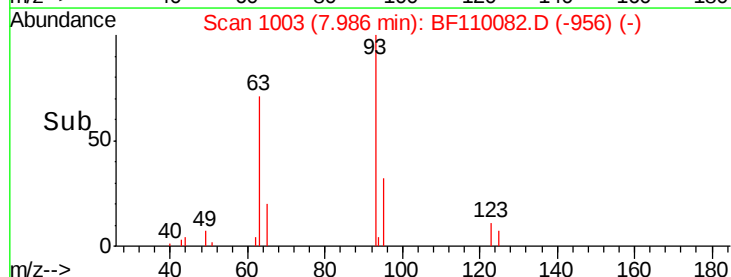
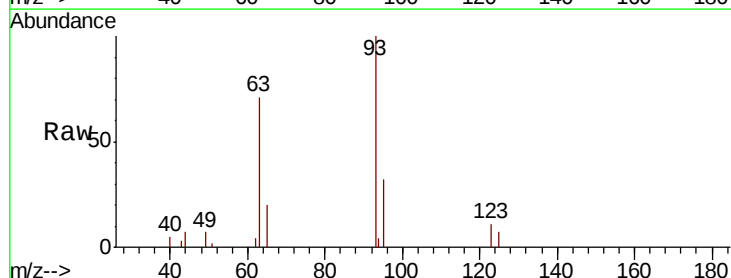
Instrument :
BNA_F
ClientSampleId :

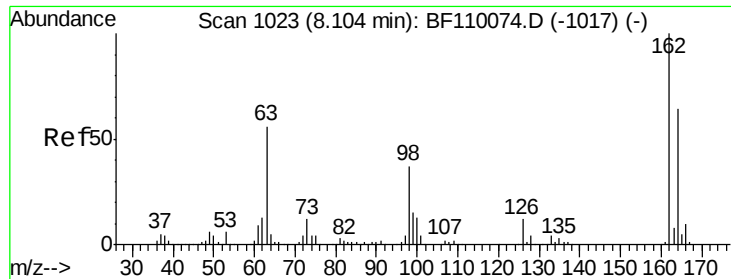
Tot Ion:122 Resp: 10608
Ion Ratio Lower Upper
122 100
107 105.1 92.5 138.7
121 55.5 45.8 68.8



#28
bis(2-Chloroethoxy)methane
Concen: 1.009 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.02 min
Lab File: BF110082.D
Acq: 23 Oct 2018 17:25

Tgt Ion: 93 Resp: 15279
Ion Ratio Lower Upper
93 100
95 31.7 26.4 39.6
123 10.7 9.0 13.6

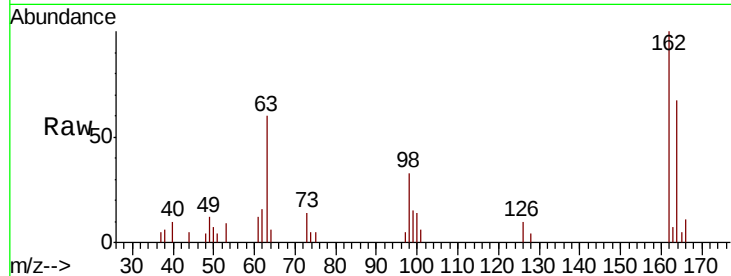




#29
 2,4-Dichlorophenol
 Concen: 0.958 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. -0.02 min
 Lab File: BF110082.D
 Acq: 23 Oct 2018 17:25

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	162	Resp	10307
Ion Ratio	Lower	Upper	
162	100		
164	67.0	44.6	84.6
98	33.3	17.4	57.4

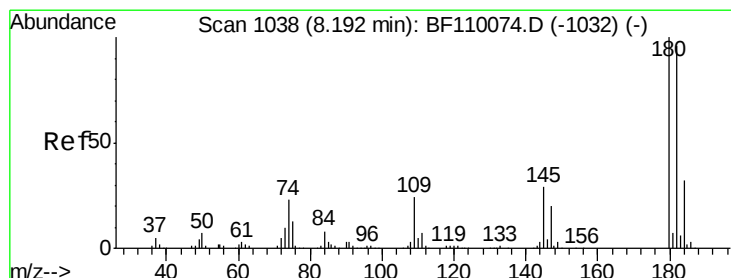
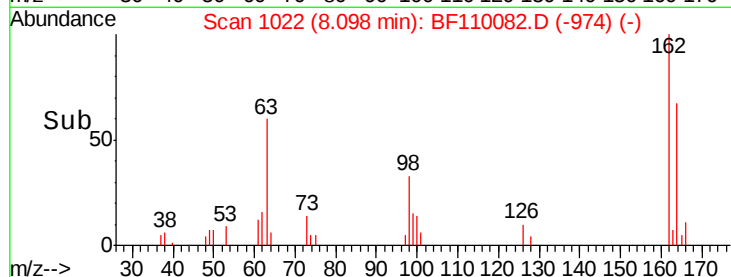
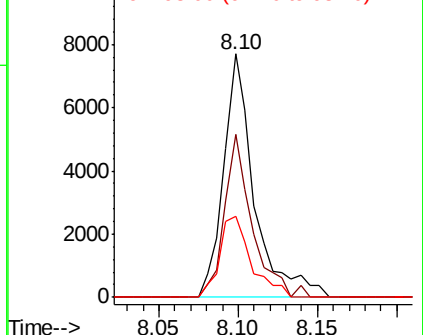


Abundance

Ion 162.00 (161.70 to 162.70): E

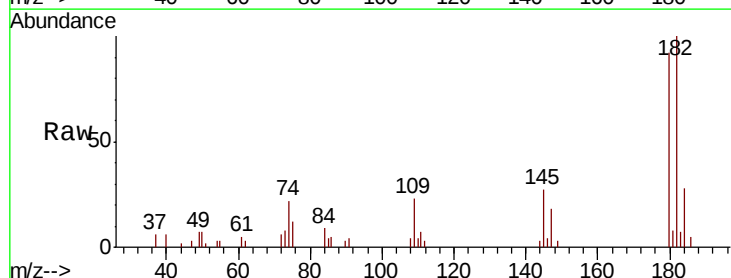
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 0.963 ng
 RT: 8.19 min Scan# 1037
 Delta R.T. -0.02 min
 Lab File: BF110082.D
 Acq: 23 Oct 2018 17:25

Tgt Ion	180	Resp	11615
Ion Ratio	Lower	Upper	
180	100		
182	109.1	80.3	120.5
145	29.8	25.4	38.0

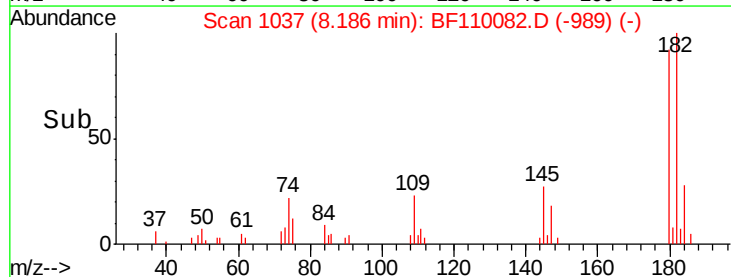
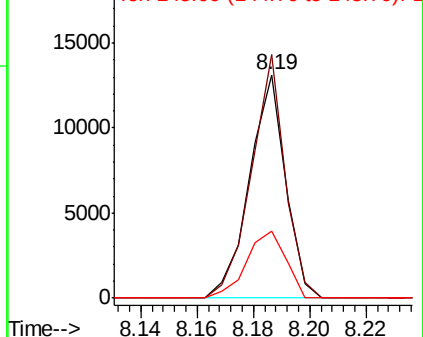


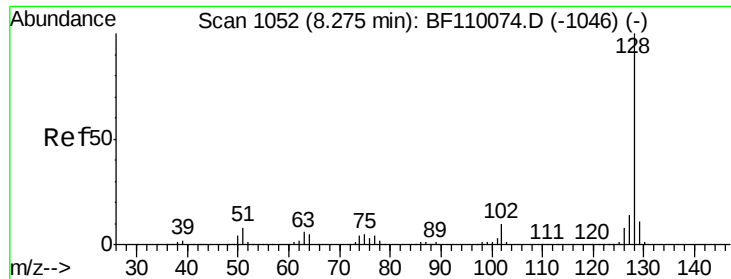
Abundance

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

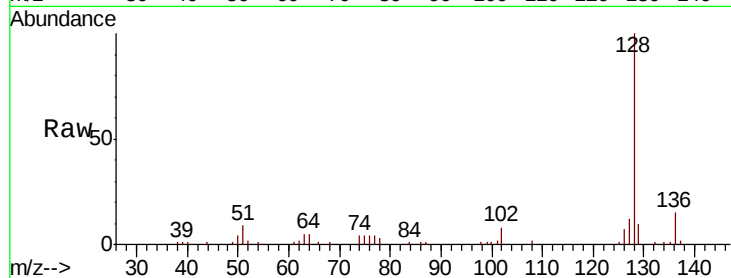




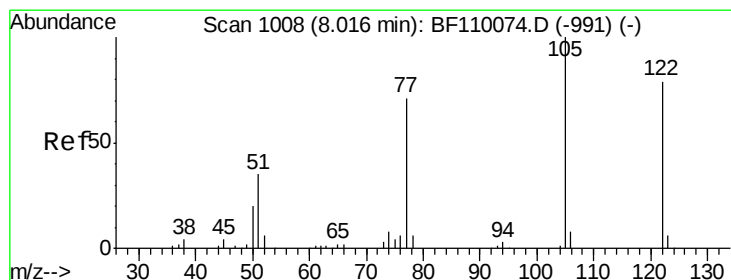
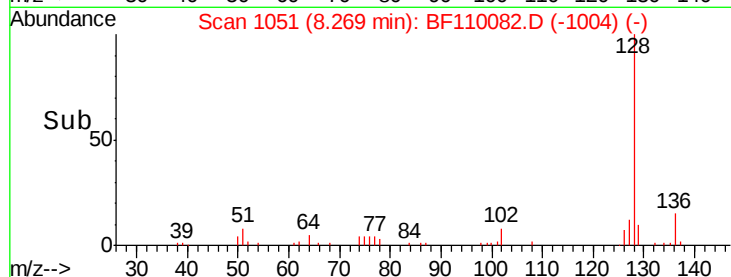
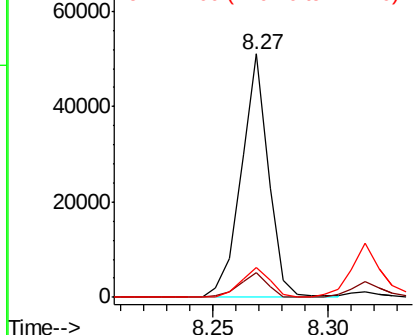
#31
Naphthalene
Concen: 1.180 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.02 min
Lab File: BF110082.D
Acq: 23 Oct 2018 17:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 42173
Ion Ratio Lower Upper
128 100
129 10.4 8.8 13.2
127 12.4 10.8 16.2

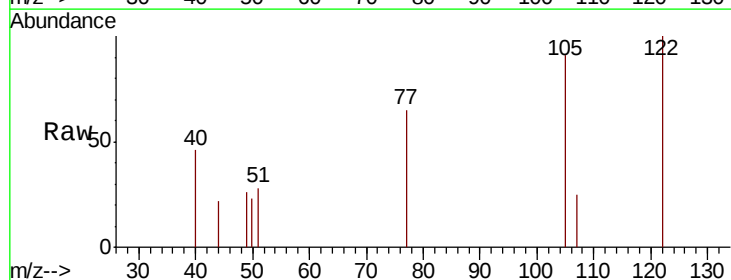


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

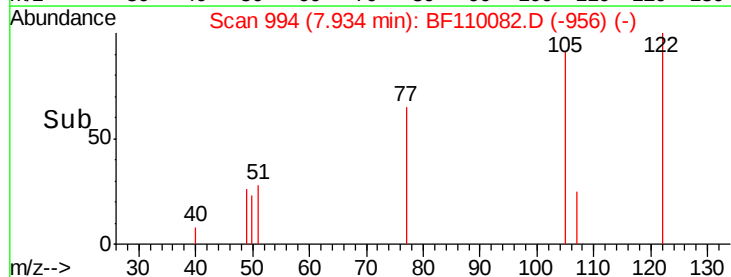
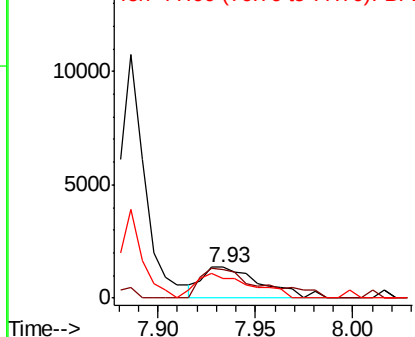


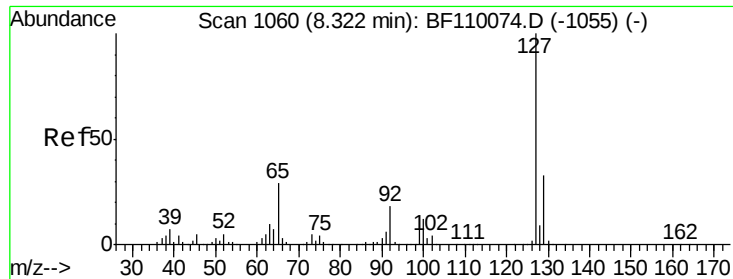
#32
Benzoic acid
Concen: 0.346 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.08 min
Lab File: BF110082.D
Acq: 23 Oct 2018 17:25

Tgt Ion:122 Resp: 2848
Ion Ratio Lower Upper
122 100
105 90.8 109.0 149.0#
77 64.7 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

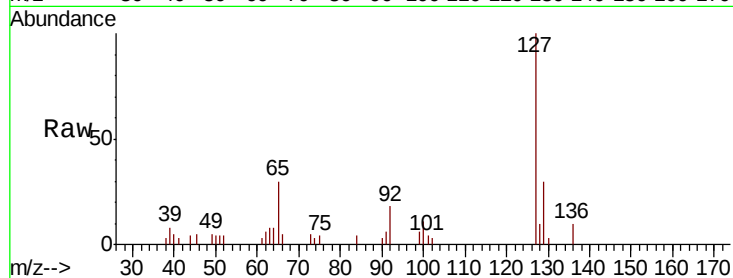




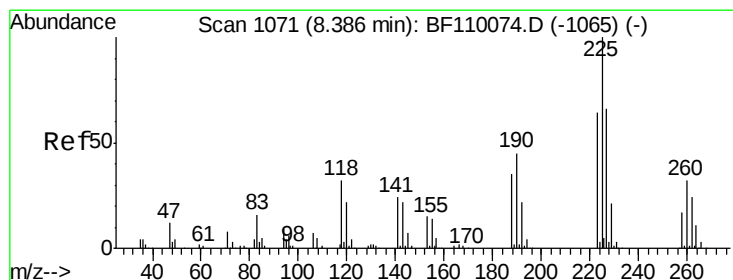
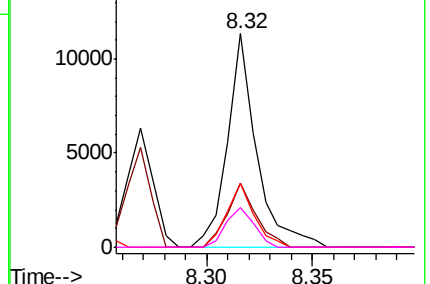
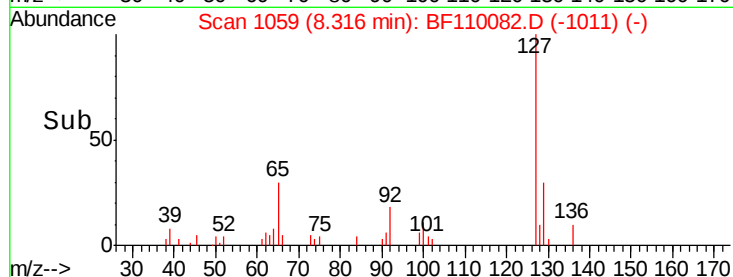
#33
4-Chloroaniline
Concen: 0.676 ng
RT: 8.32 min Scan# 1059
Delta R.T. -0.02 min
Lab File: BF110082.D
Acq: 23 Oct 2018 17:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	10880
Ion Ratio	Lower	Upper
127	100	
129	30.2	26.0 39.0
65	30.2	25.1 37.7
92	18.5	15.0 22.6

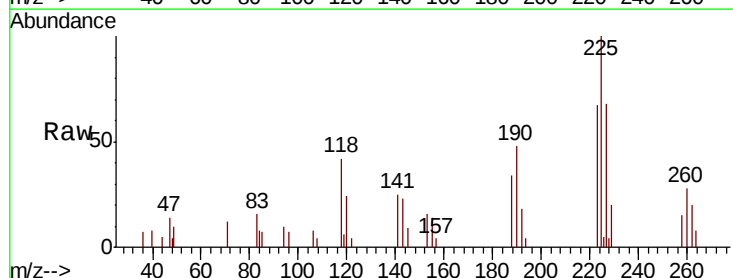


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

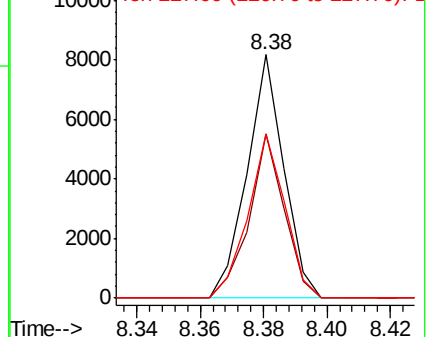
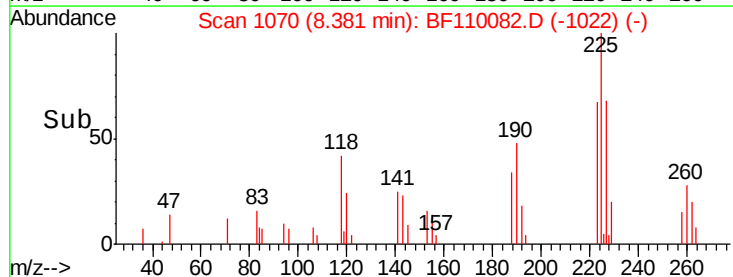


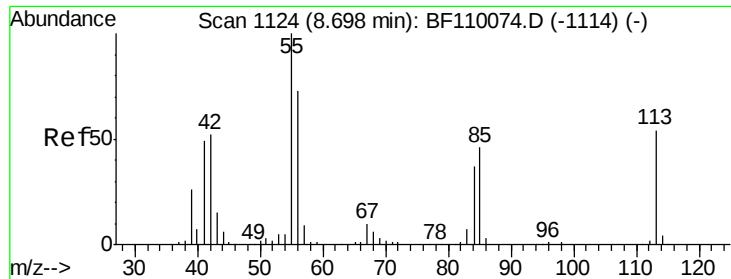
#34
Hexachlorobutadiene
Concen: 0.980 ng
RT: 8.38 min Scan# 1070
Delta R.T. -0.02 min
Lab File: BF110082.D
Acq: 23 Oct 2018 17:25

Tgt Ion:225	Resp:	6563
Ion Ratio	Lower	Upper
225	100	
223	67.4	51.4 77.2
227	71.9	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

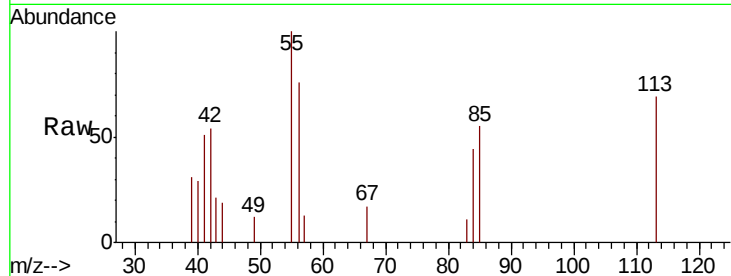




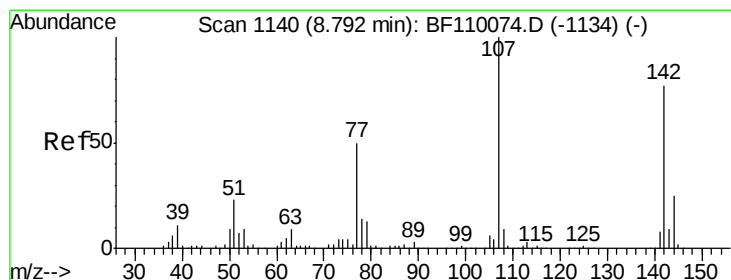
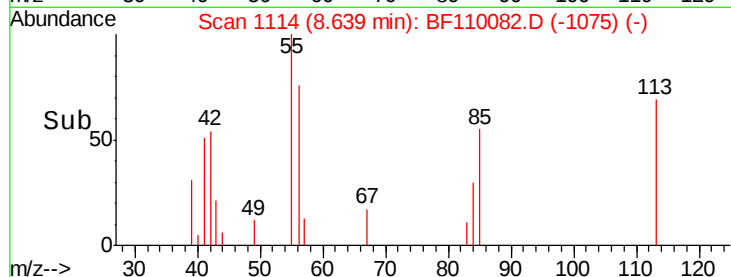
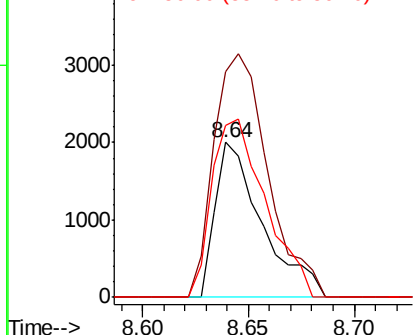
#35
 Caprolactam
 Concen: 0.823 ng
 RT: 8.64 min Scan# 1114
 Delta R.T. -0.07 min
 Lab File: BF110082.D
 Acq: 23 Oct 2018 17:25

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 3089
 Ion Ratio Lower Upper
 113 100
 55 145.4 142.8 182.8
 56 111.1 105.0 145.0

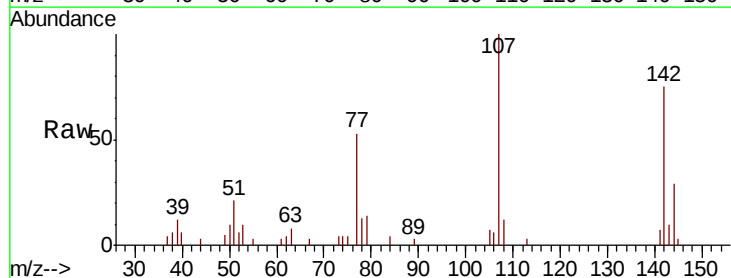


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

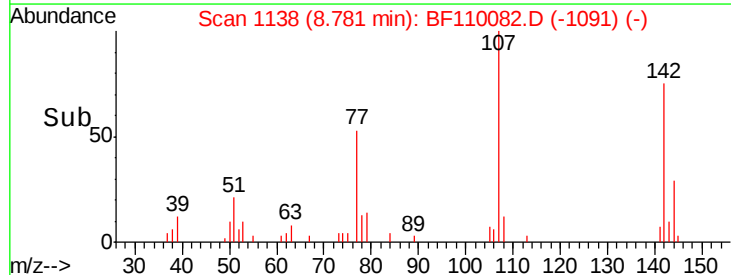
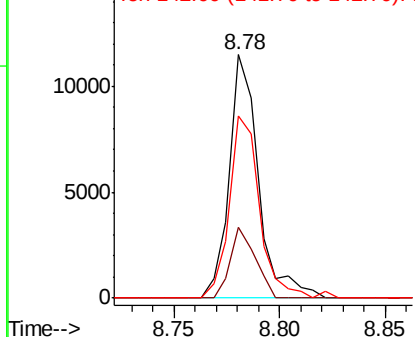


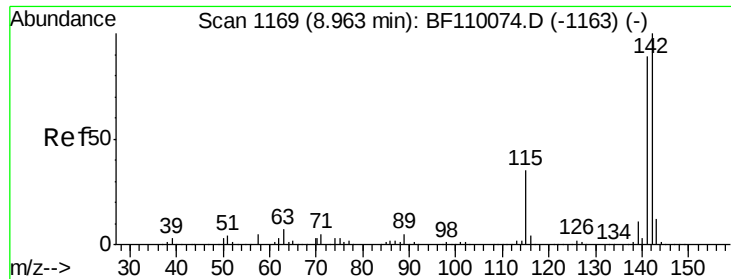
#36
 4-Chloro-3-methylphenol
 Concen: 0.941 ng
 RT: 8.78 min Scan# 1138
 Delta R.T. -0.02 min
 Lab File: BF110082.D
 Acq: 23 Oct 2018 17:25

Tgt Ion:107 Resp: 10949
 Ion Ratio Lower Upper
 107 100
 144 29.3 20.0 30.0
 142 74.9 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

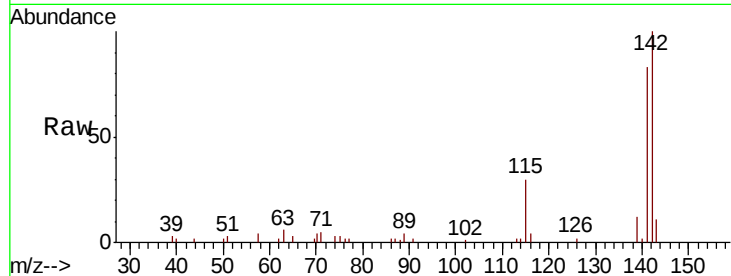




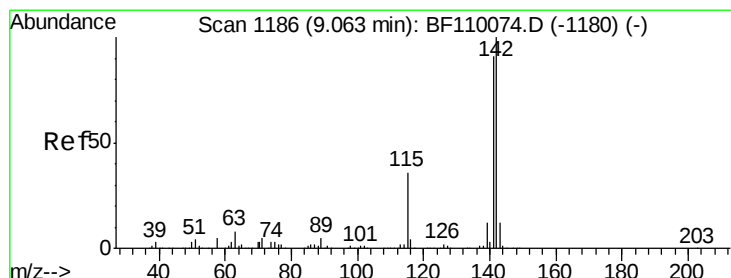
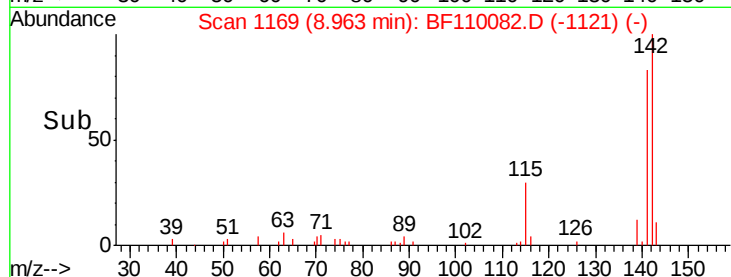
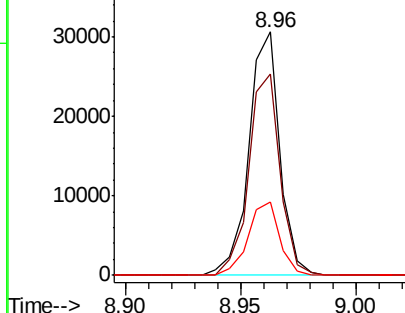
#37
2-Methylnaphthalene
Concen: 1.213 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.02 min
Lab File: BF110082.D
Acq: 23 Oct 2018 17:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 28690
Ion Ratio Lower Upper
142 100
141 82.6 71.4 107.2
115 30.3 28.7 43.1

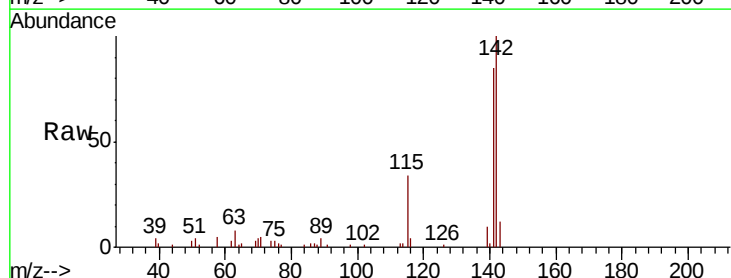


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

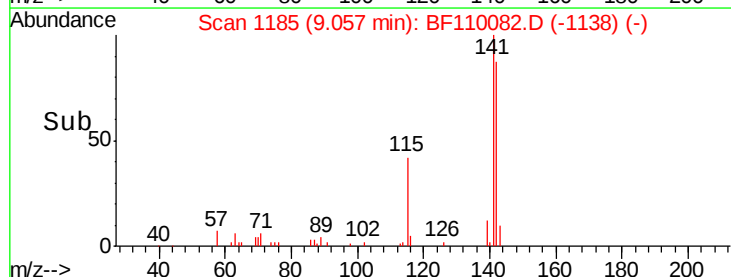
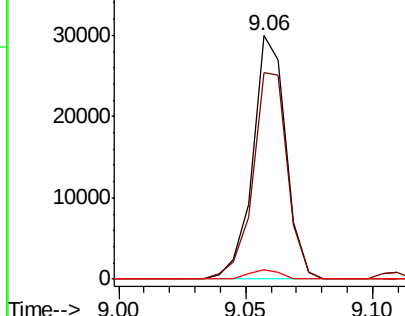


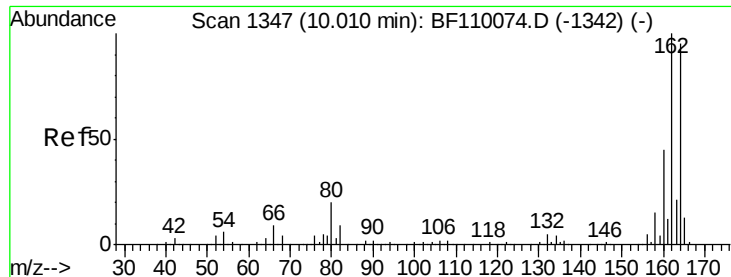
#38
1-Methylnaphthalene
Concen: 1.189 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.02 min
Lab File: BF110082.D
Acq: 23 Oct 2018 17:25

Tgt Ion:142 Resp: 27191
Ion Ratio Lower Upper
142 100
141 84.6 74.2 111.4
116 3.7 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: 10.01 min Scan# 1347

Delta R.T. -0.02 min

Lab File: BF110082.D

Acq: 23 Oct 2018 17:25

Instrument :

BNA_F

ClientSampleId :

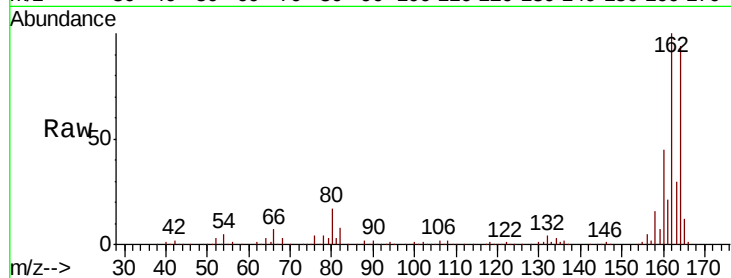
Tot Ion:164 Resp: 379769

Ion Ratio Lower Upper

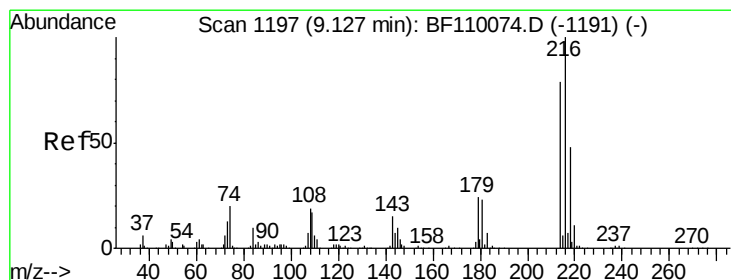
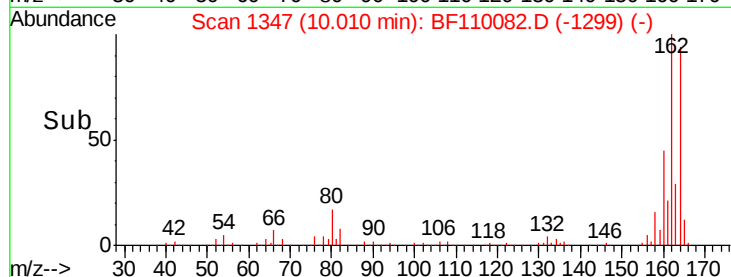
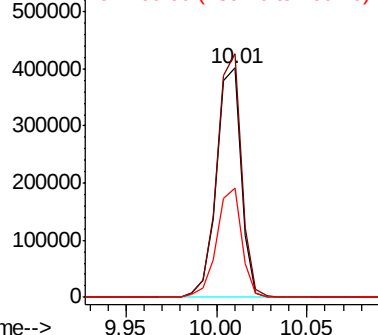
164 100

162 106.2 83.0 124.6

160 47.5 37.0 55.6



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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 1.010 ng

RT: 9.12 min Scan# 1196

Delta R.T. -0.02 min

Lab File: BF110082.D

Acq: 23 Oct 2018 17:25

Tgt Ion:216 Resp: 11950

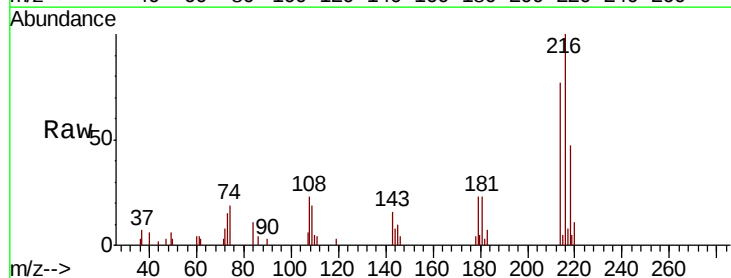
Ion Ratio Lower Upper

216 100

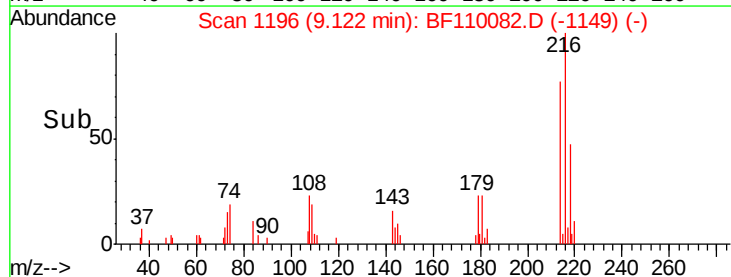
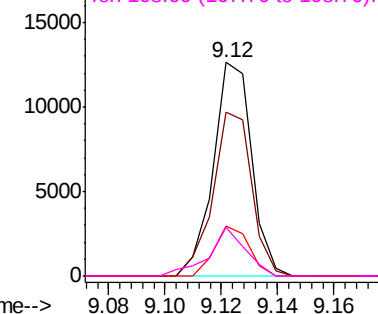
214 77.3 63.8 95.6

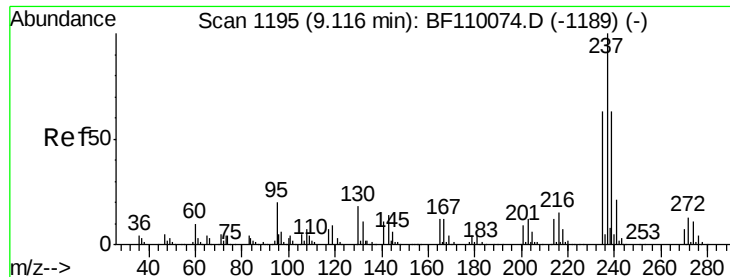
179 21.2 16.6 25.0

108 21.6 15.1 22.7



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





#41

Hexachlorocyclopentadiene

Concen: 0.723 ng

RT: 9.11 min Scan# 1194

Delta R.T. -0.02 min

Lab File: BF110082.D

Acq: 23 Oct 2018 17:25

Instrument :

BNA_F

ClientSampleId :

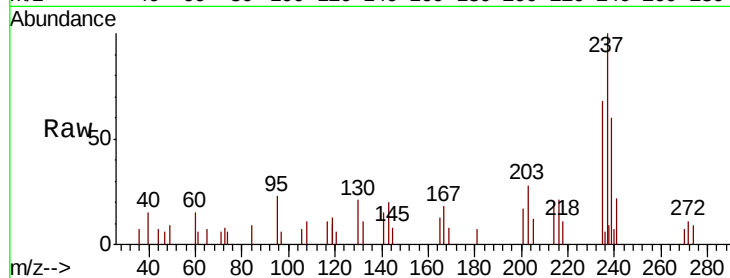
Tot Ion:237 Resp: 4377

Ion Ratio Lower Upper

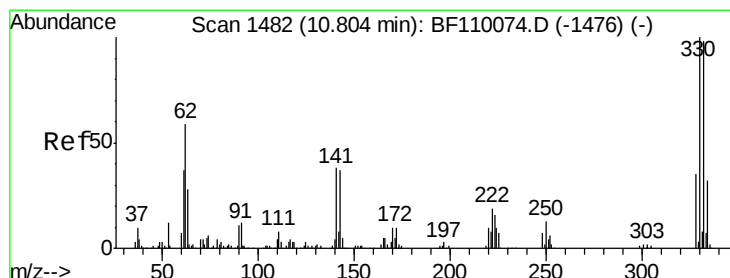
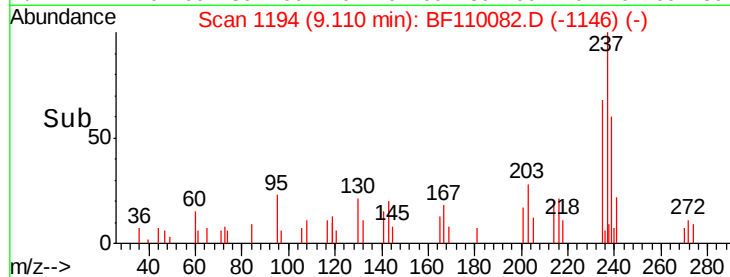
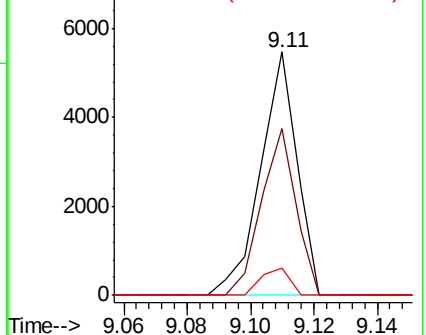
237 100

235 68.4 43.1 83.1

272 11.4 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: 125.482 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BF110082.D

Acq: 23 Oct 2018 17:25

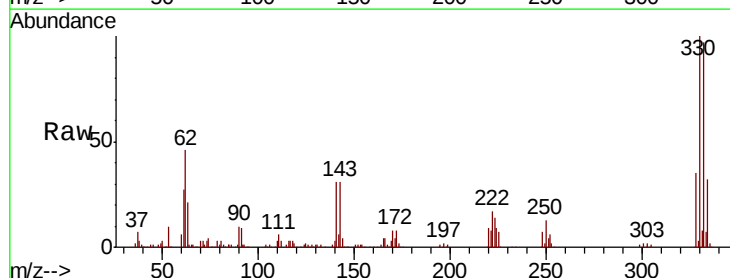
Tgt Ion:330 Resp: 472046

Ion Ratio Lower Upper

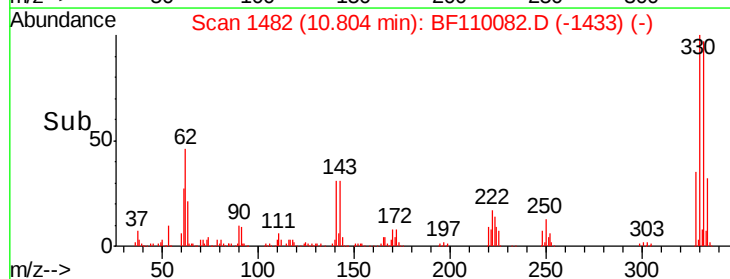
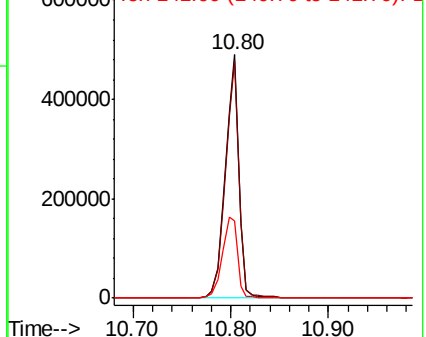
330 100

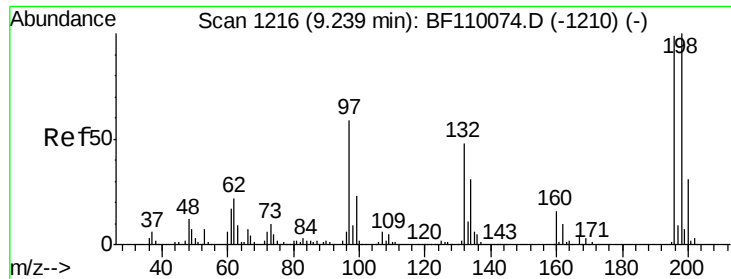
332 97.7 77.1 115.7

141 37.3 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

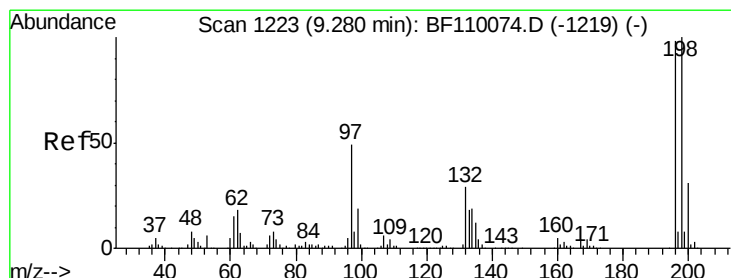
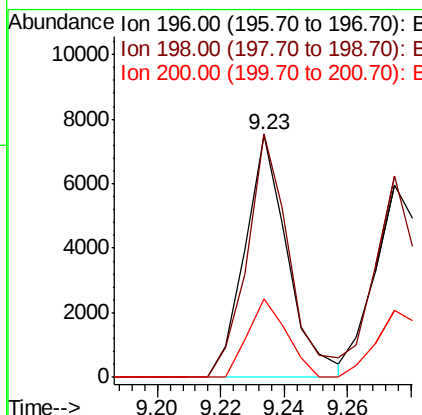
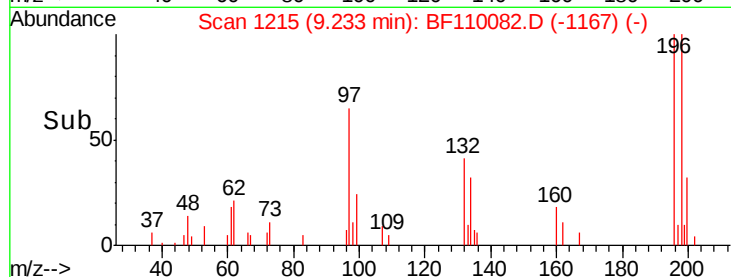
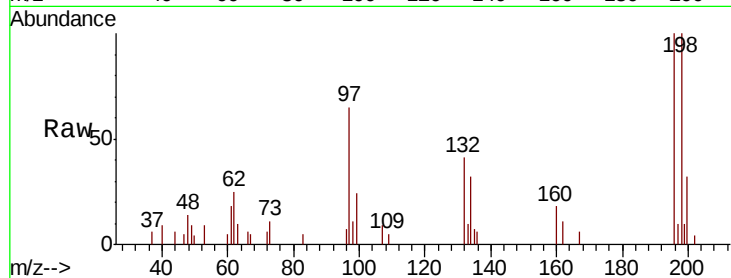




#43
 2,4,6-Trichlorophenol
 Concen: 0.918 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.02 min
 Lab File: BF110082.D
 Acq: 23 Oct 2018 17:25

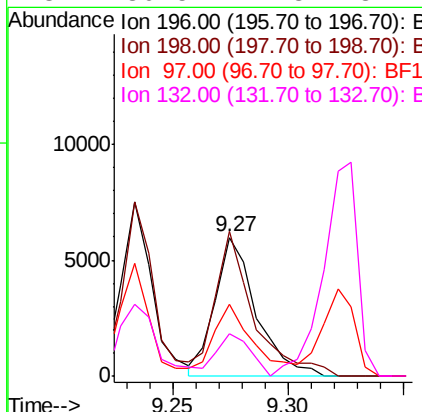
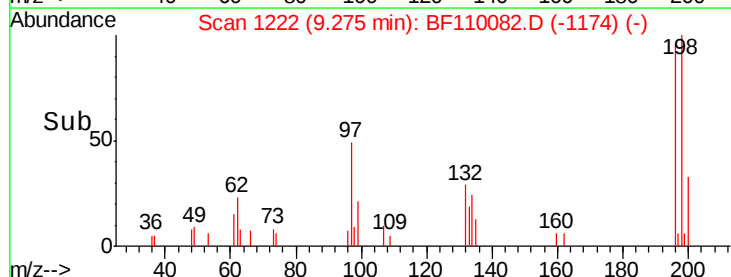
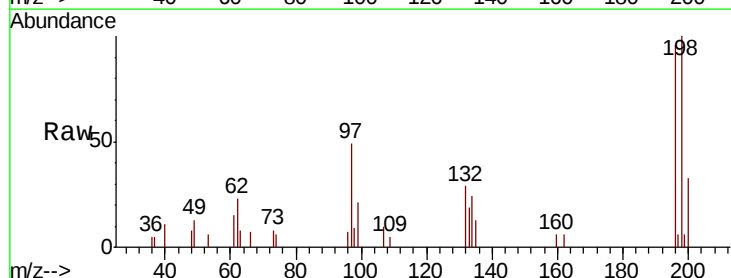
Instrument :
 BNA_F
 ClientSampleId :

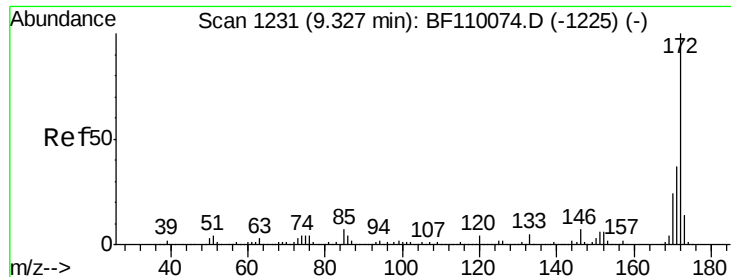
Tot Ion	Ratio	Lower	Upper
196	100		
198	100.5	76.2	114.4
200	32.3	24.4	36.6



#44
 2,4,5-Trichlorophenol
 Concen: 0.920 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.02 min
 Lab File: BF110082.D
 Acq: 23 Oct 2018 17:25

Tgt Ion	Ratio	Lower	Upper
196	100		
198	104.2	75.8	113.6
97	51.4	42.4	63.6
132	30.5	22.8	34.2

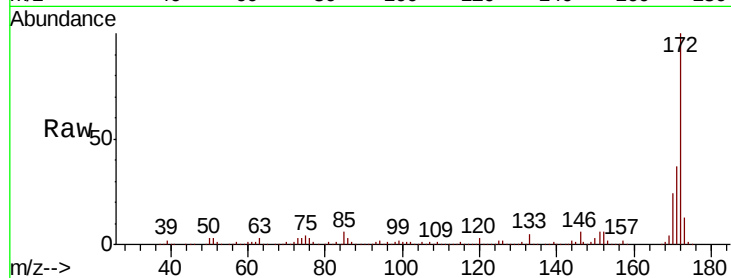




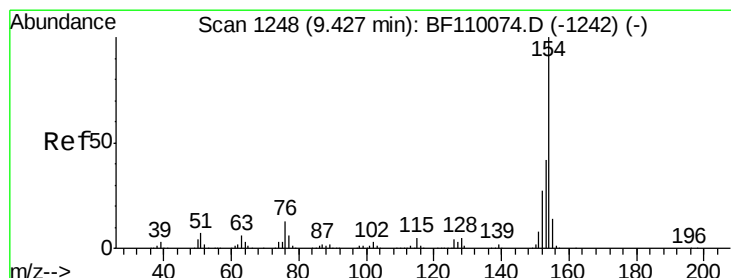
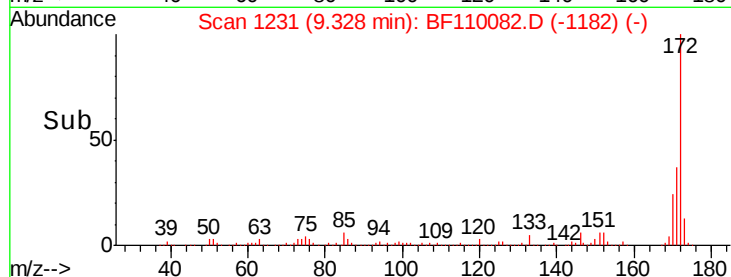
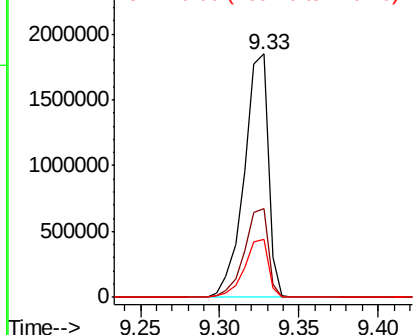
#45
2-Fluorobiphenyl
Concen: 80.453 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF110082.D
Acq: 23 Oct 2018 17:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1945758
Ion Ratio Lower Upper
172 100
171 36.5 28.6 43.0
170 23.9 19.7 29.5

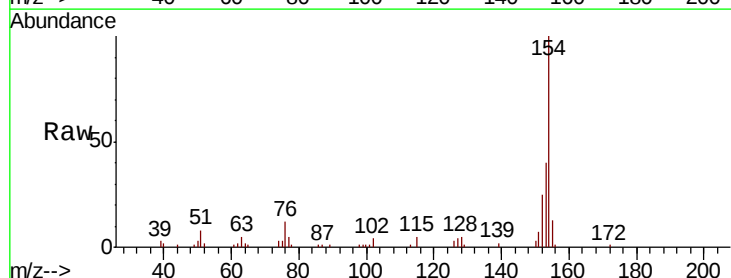


Abundance Ion 172.00 (171.70 to 172.70): E
2500000
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

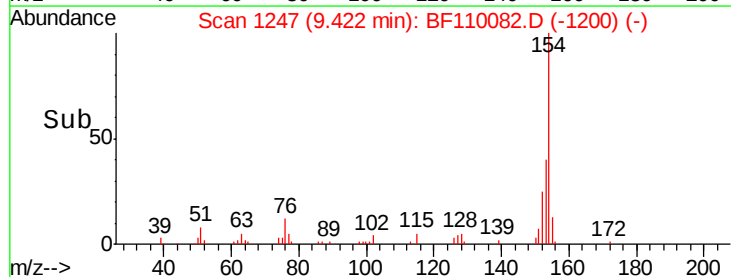
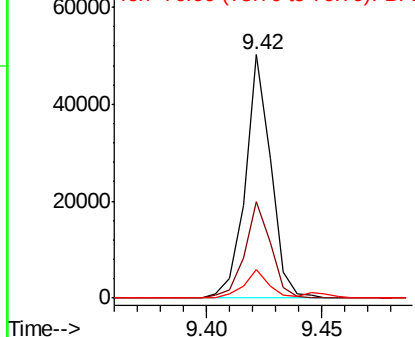


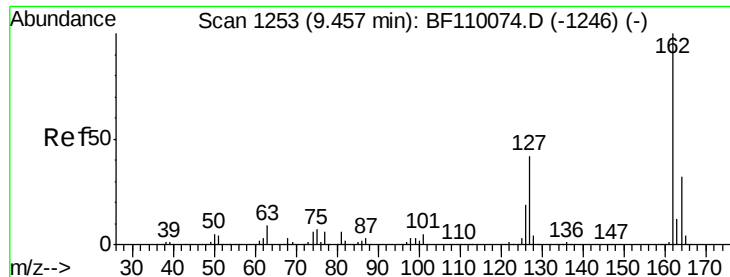
#46
1,1'-Biphenyl
Concen: 1.131 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.02 min
Lab File: BF110082.D
Acq: 23 Oct 2018 17:25

Tgt Ion:154 Resp: 38839
Ion Ratio Lower Upper
154 100
153 39.5 20.4 60.4
76 11.9 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E
60000
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

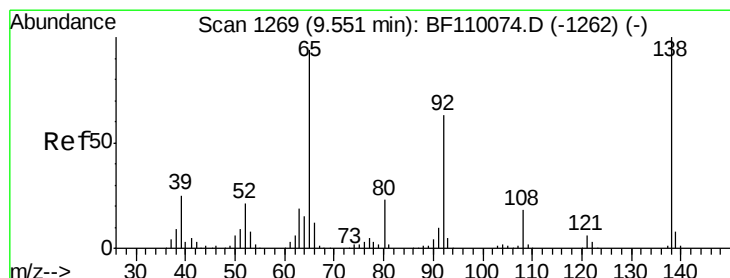
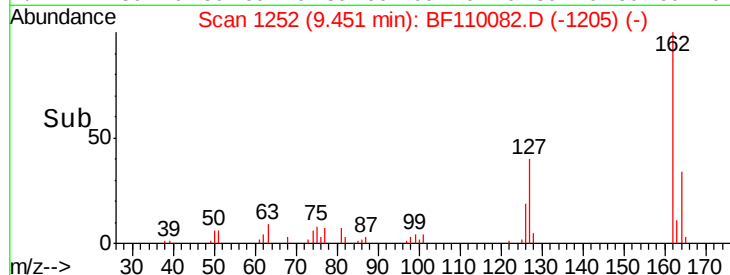
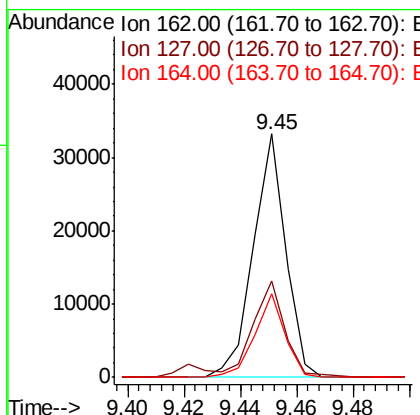
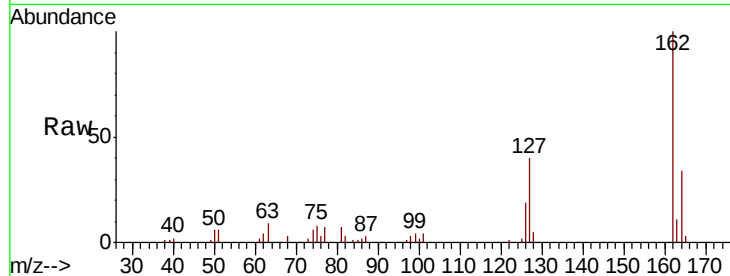




#47
 2-Chloronaphthalene
 Concen: 1.049 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. -0.02 min
 Lab File: BF110082.D
 Acq: 23 Oct 2018 17:25

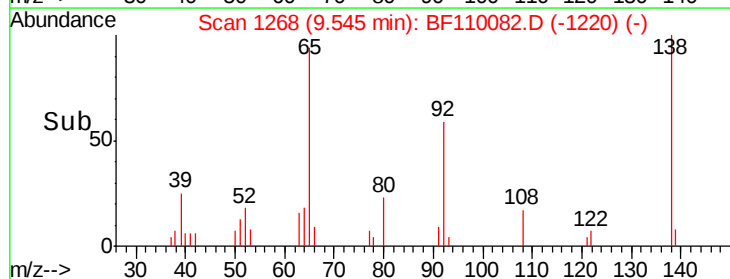
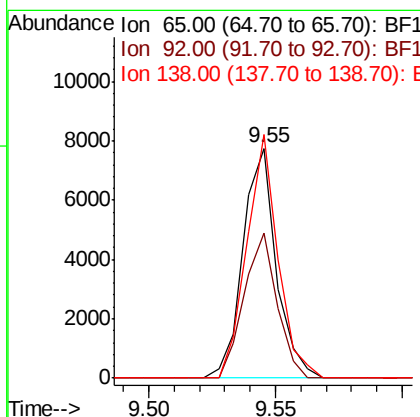
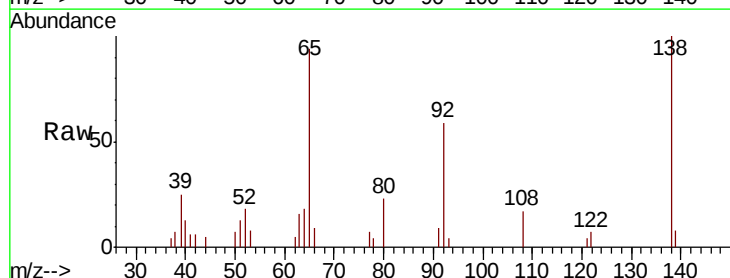
Instrument :
 BNA_F
 ClientSampleId :

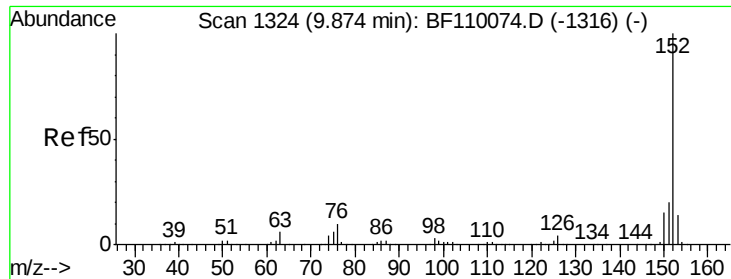
Tot Ion:162 Resp: 26416
 Ion Ratio Lower Upper
 162 100
 127 39.6 32.6 48.8
 164 34.3 25.9 38.9



#48
 2-Nitroaniline
 Concen: 0.927 ng
 RT: 9.55 min Scan# 1268
 Delta R.T. -0.02 min
 Lab File: BF110082.D
 Acq: 23 Oct 2018 17:25

Tgt Ion: 65 Resp: 7076
 Ion Ratio Lower Upper
 65 100
 92 63.0 54.6 81.8
 138 106.0 80.3 120.5





#49

Acenaphthylene

Concen: 1.114 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF110082.D

Acq: 23 Oct 2018 17:25

Instrument :

BNA_F

ClientSampleId :

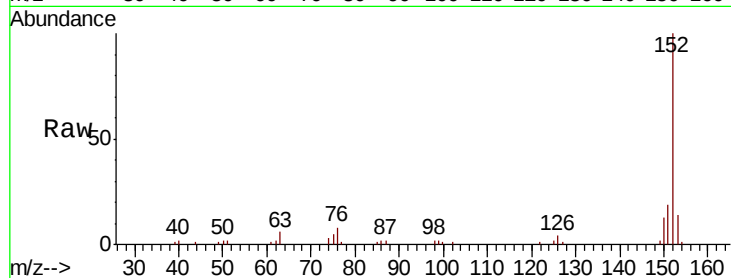
Tot Ion:152 Resp: 40524

Ion Ratio Lower Upper

152 100

151 19.4 15.8 23.8

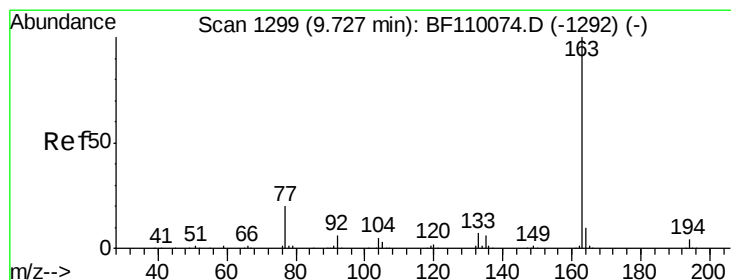
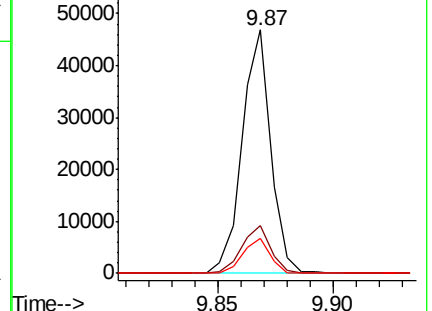
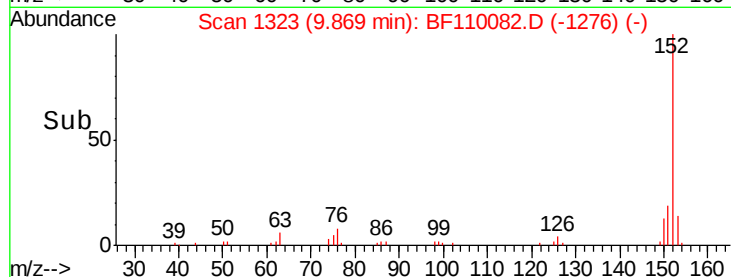
153 14.1 10.4 15.6



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: 1.054 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.03 min

Lab File: BF110082.D

Acq: 23 Oct 2018 17:25

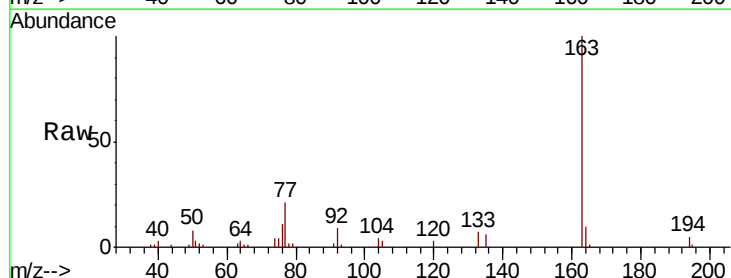
Tgt Ion:163 Resp: 29561

Ion Ratio Lower Upper

163 100

194 5.0 3.2 4.8#

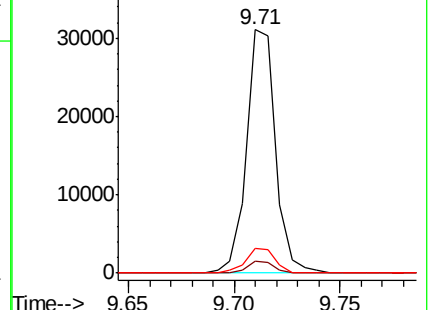
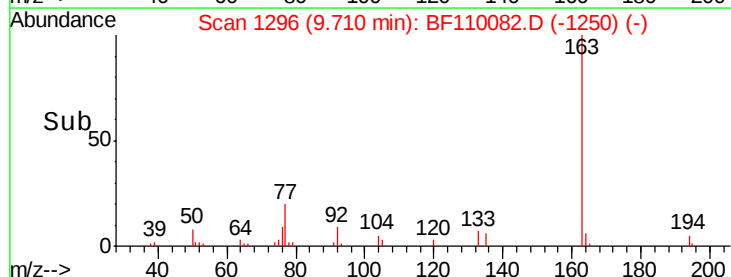
164 10.1 8.1 12.1

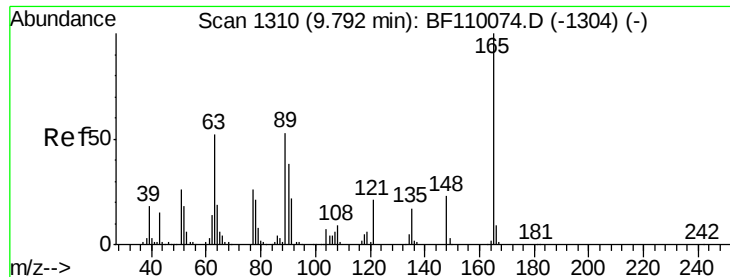


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

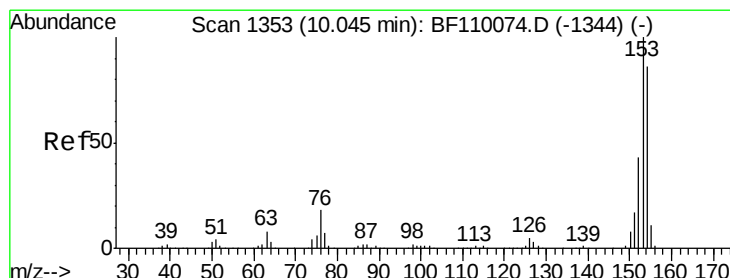
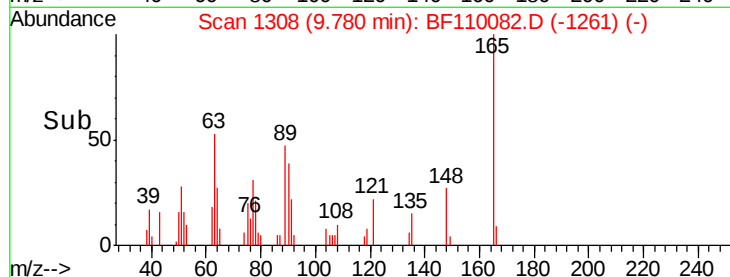
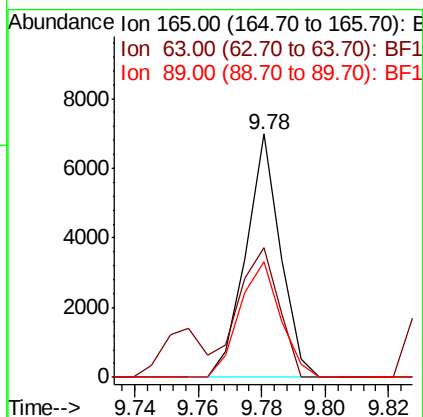
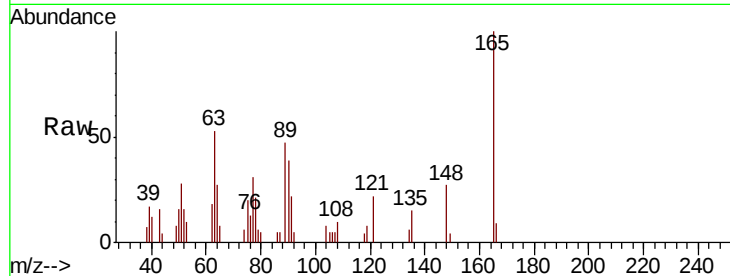




#51
 2,6-Dinitrotoluene
 Concen: 0.880 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. -0.02 min
 Lab File: BF110082.D
 Acq: 23 Oct 2018 17:25

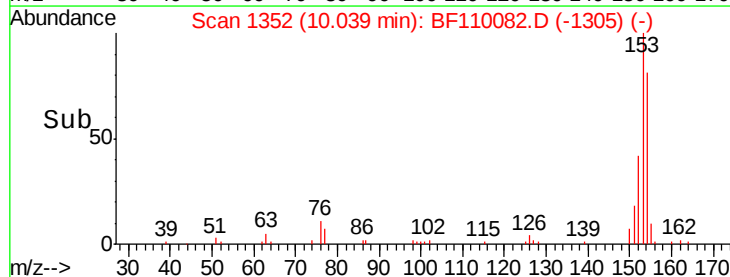
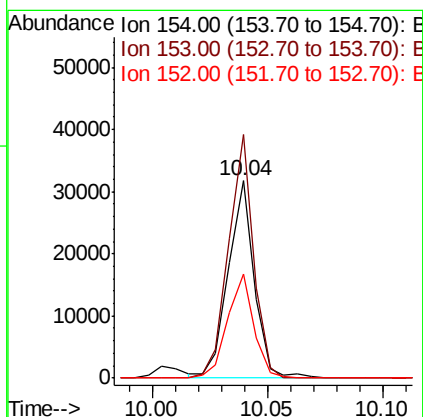
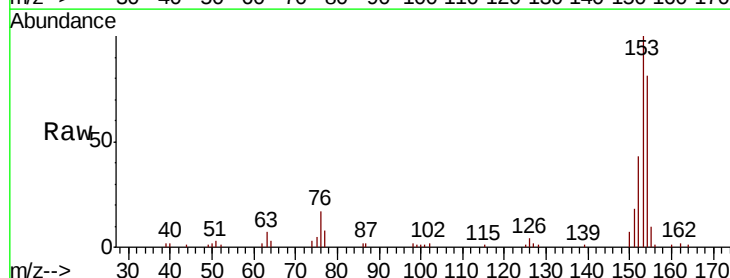
Instrument :
 BNA_F
 ClientSampled :

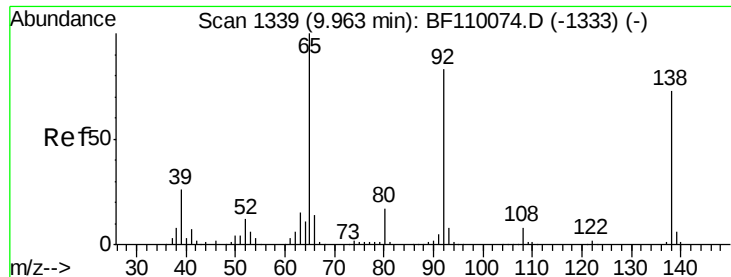
Tot Ion:165 Resp: 5314
 Ion Ratio Lower Upper
 165 100
 63 53.3 48.9 73.3
 89 47.2 46.6 69.8



#52
 Acenaphthene
 Concen: 1.035 ng
 RT: 10.04 min Scan# 1352
 Delta R.T. -0.02 min
 Lab File: BF110082.D
 Acq: 23 Oct 2018 17:25

Tgt Ion:154 Resp: 24902
 Ion Ratio Lower Upper
 154 100
 153 123.5 90.1 135.1
 152 52.7 43.4 65.2

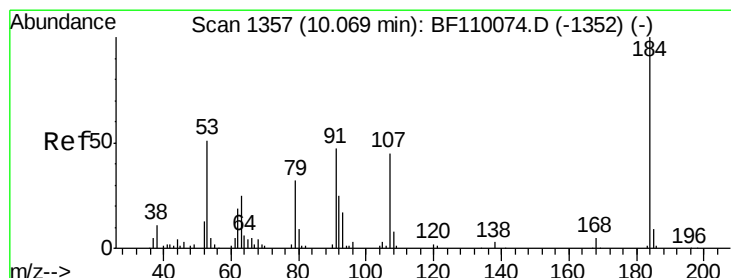
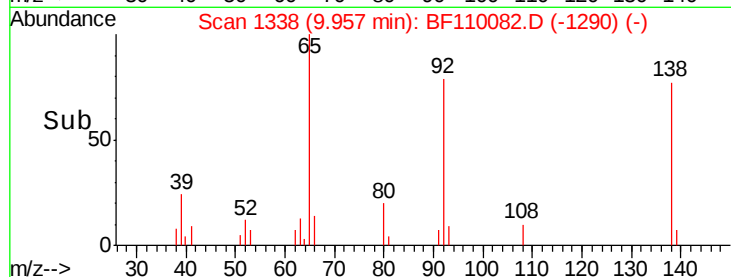
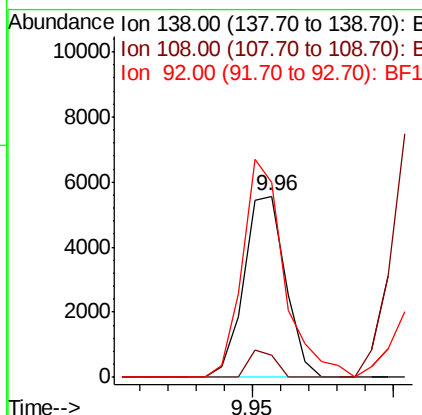
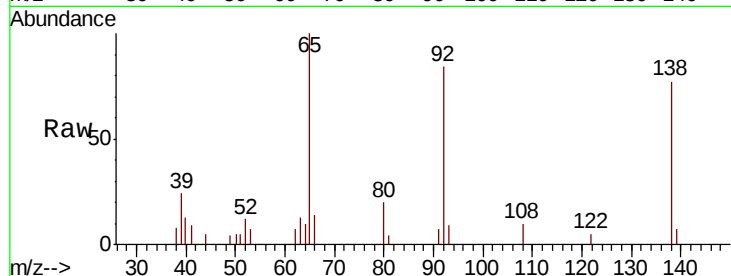




#53
 3-Nitroaniline
 Concen: 0.795 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. -0.02 min
 Lab File: BF110082.D
 Acq: 23 Oct 2018 17:25

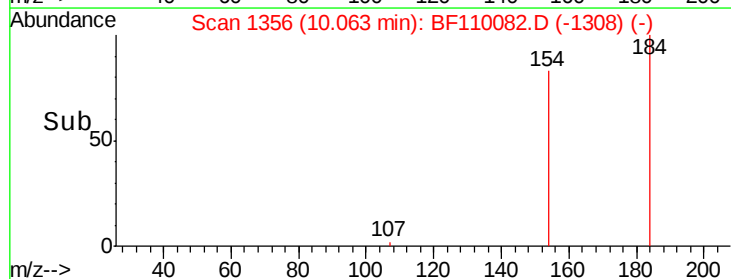
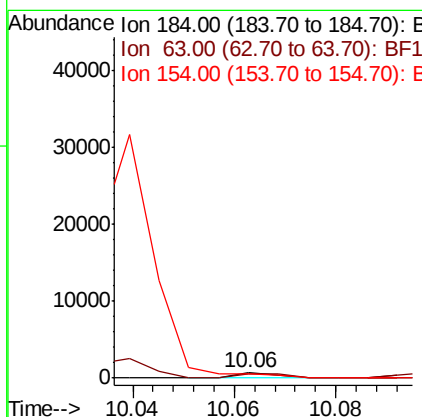
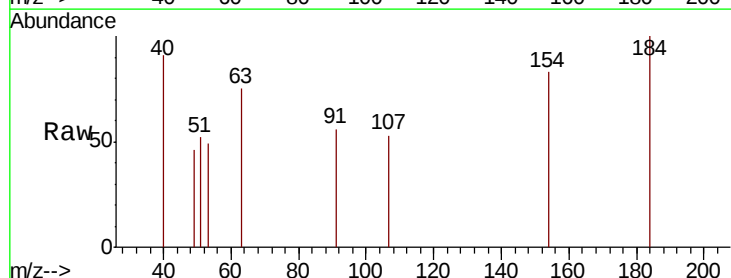
Instrument :
 BNA_F
 ClientSampleId :

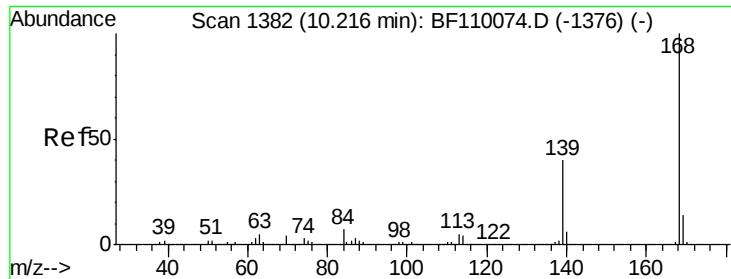
Tot Ion:138 Resp: 5712
 Ion Ratio Lower Upper
 138 100
 108 12.5 8.7 13.1
 92 107.8 97.0 145.4



#54
 2,4-Dinitrophenol
 Concen: 5.337 ng
 RT: 10.06 min Scan# 1356
 Delta R.T. -0.02 min
 Lab File: BF110082.D
 Acq: 23 Oct 2018 17:25

Tgt Ion:184 Resp: 414
 Ion Ratio Lower Upper
 184 100
 63 75.1 55.8 83.6
 154 82.6 63.2 94.8

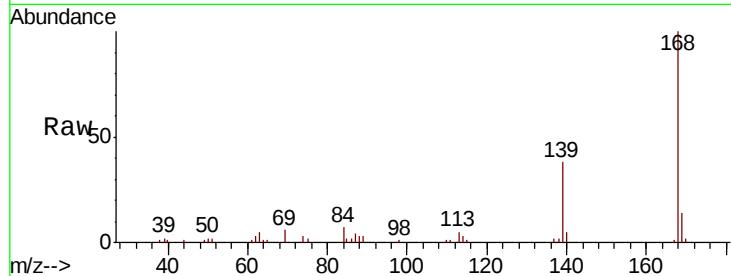




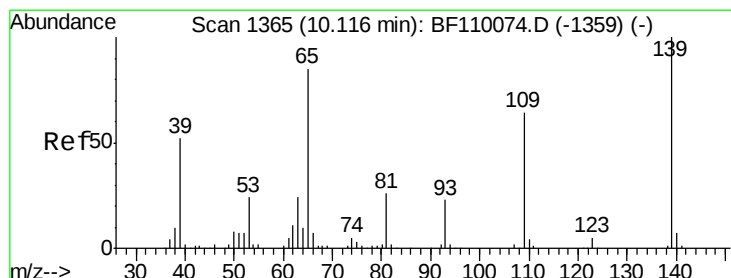
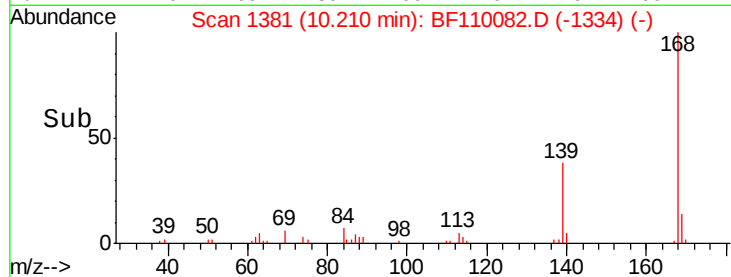
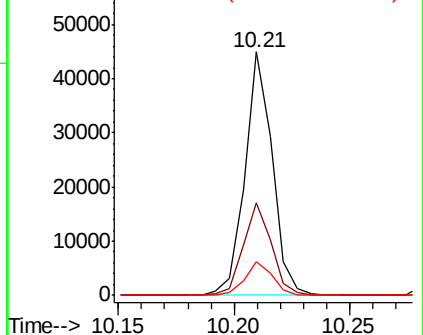
#55
Dibenzenofuran
Concen: 1.104 ng
RT: 10.21 min Scan# 1381
Delta R.T. -0.02 min
Lab File: BF110082.D
Acq: 23 Oct 2018 17:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 37201
Ion Ratio Lower Upper
168 100
139 38.3 33.0 49.6
169 13.8 11.3 16.9

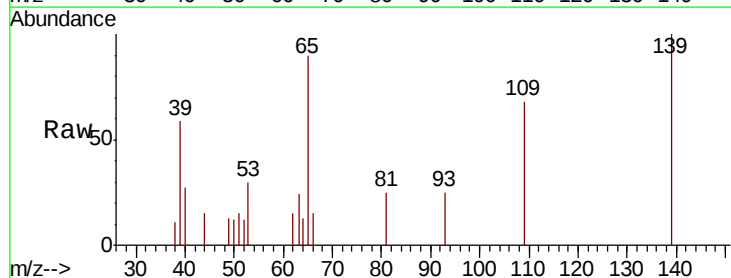


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

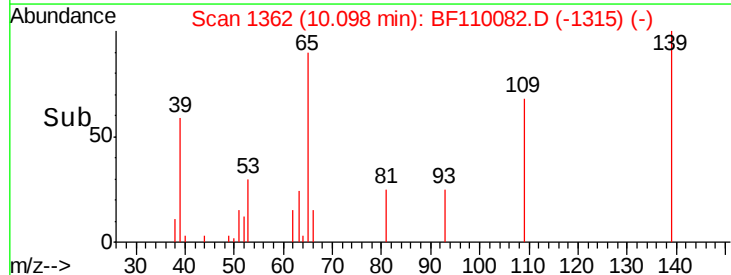
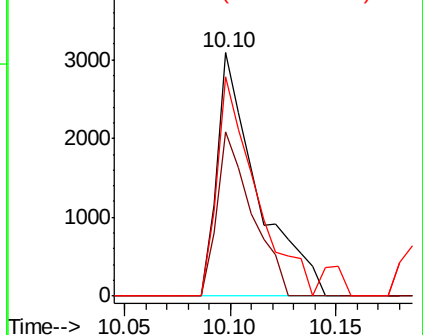


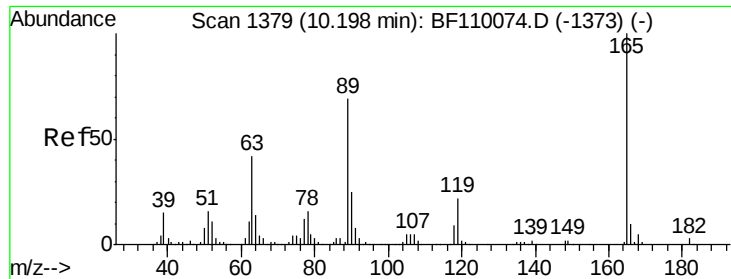
#56
4-Nitrophenol
Concen: 0.774 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.02 min
Lab File: BF110082.D
Acq: 23 Oct 2018 17:25

Tgt Ion:139 Resp: 4115
Ion Ratio Lower Upper
139 100
109 67.7 55.8 95.8
65 90.2 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

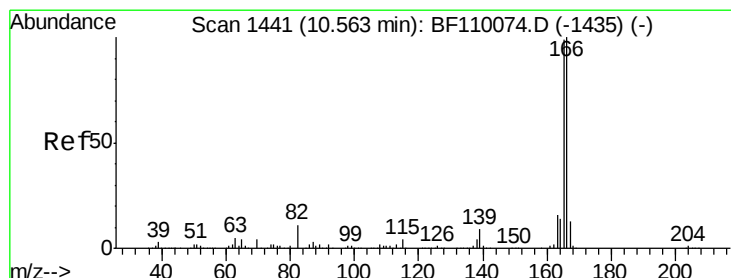
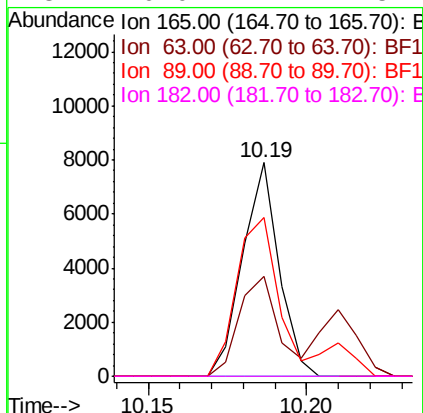
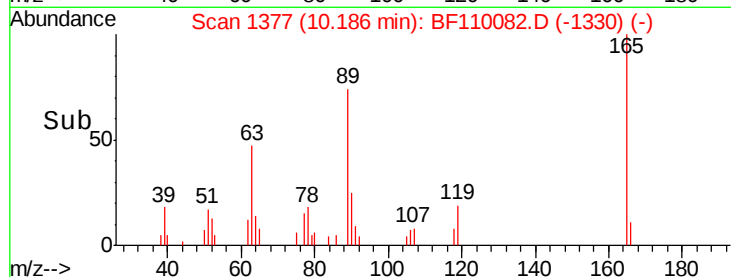
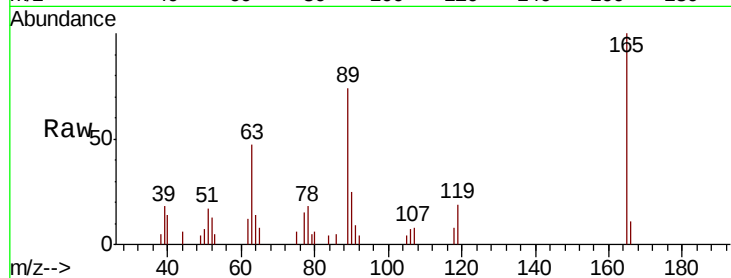




#57
 2,4-Dinitrotoluene
 Concen: 0.819 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. -0.02 min
 Lab File: BF110082.D
 Acq: 23 Oct 2018 17:25

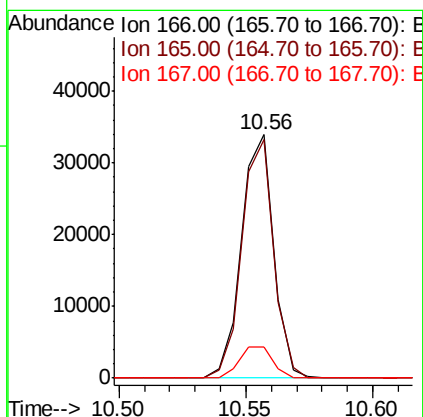
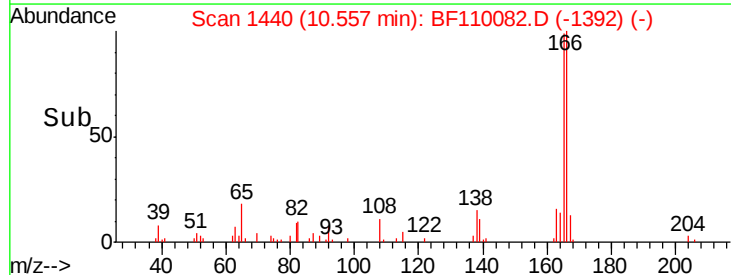
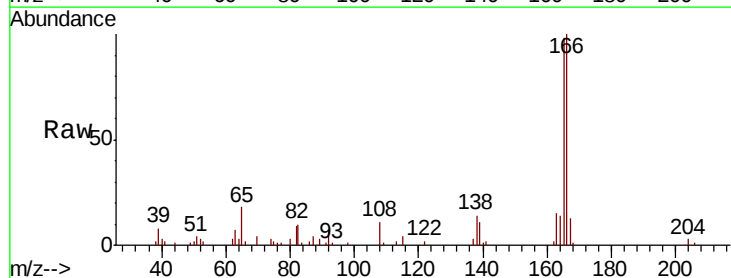
Instrument :
 BNA_F
 ClientSampleId :

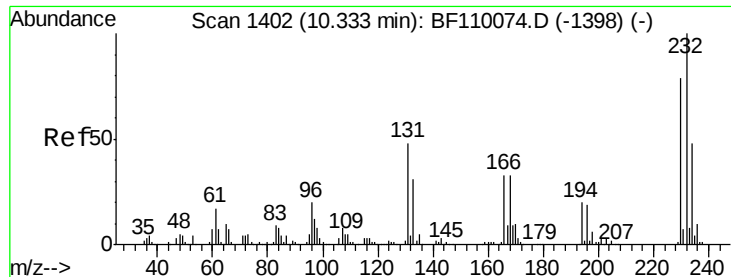
Tot Ion:165	Resp: 6282
Ion Ratio	Lower Upper
165 100	
63 46.9	44.8 67.2
89 74.4	62.2 93.4
182 0.0	2.1 3.1#



#58
 Fluorene
 Concen: 1.192 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.02 min
 Lab File: BF110082.D
 Acq: 23 Oct 2018 17:25

Tgt	Ion:166	Resp:	29906
Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.6	117.8
167	12.7	10.8	16.2

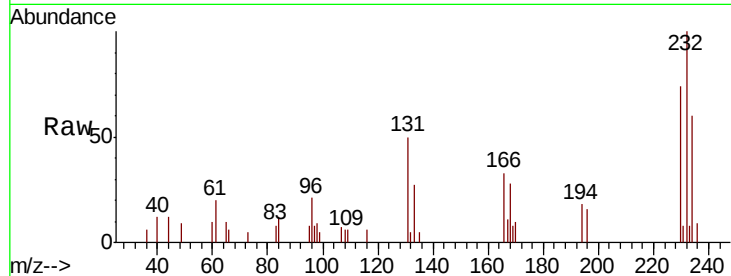




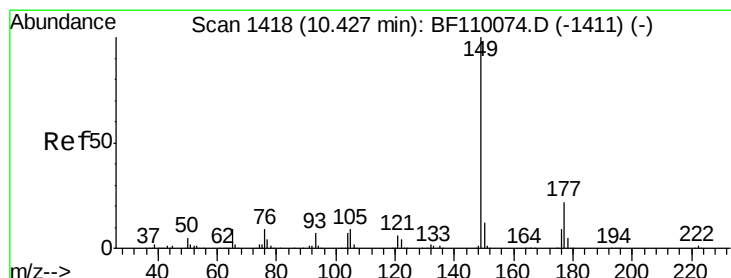
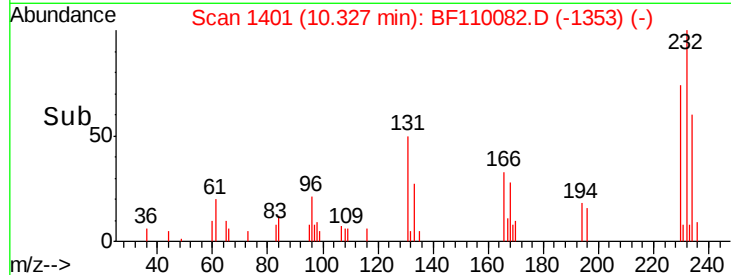
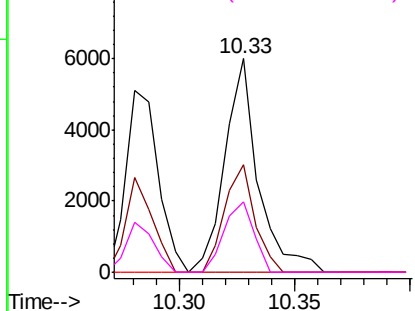
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 0.919 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. -0.02 min
 Lab File: BF110082.D
 Acq: 23 Oct 2018 17:25

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:232 Resp: 6041
 Ion Ratio Lower Upper
 232 100
 131 45.4 37.0 55.4
 130 0.0 1.8 2.6#
 166 29.2 22.0 33.0

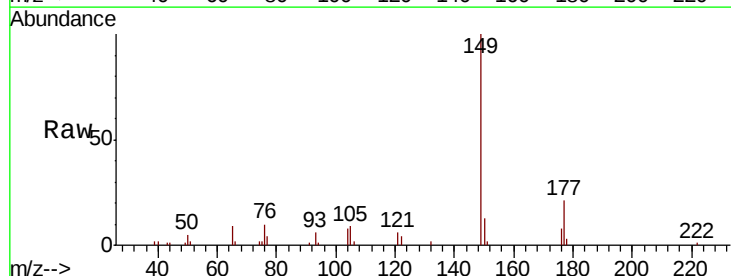


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

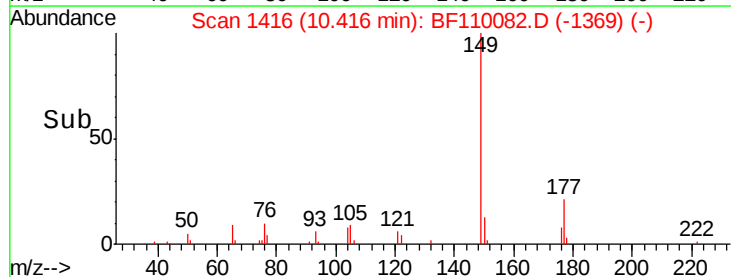
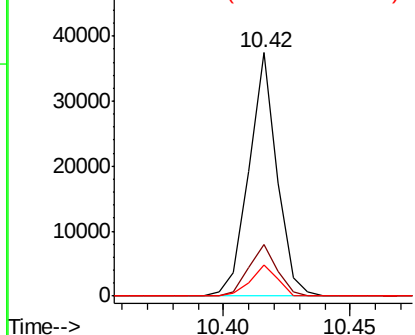


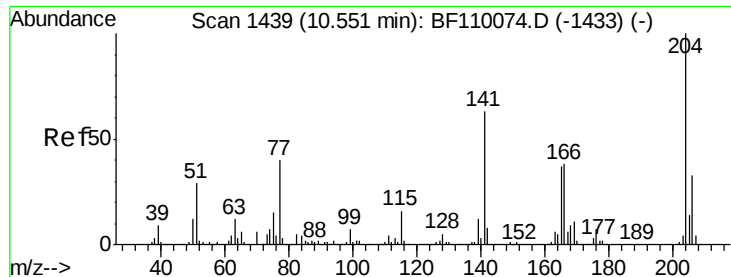
#60
 Diethylphthalate
 Concen: 1.056 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. -0.02 min
 Lab File: BF110082.D
 Acq: 23 Oct 2018 17:25

Tgt Ion:149 Resp: 28908
 Ion Ratio Lower Upper
 149 100
 177 21.1 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

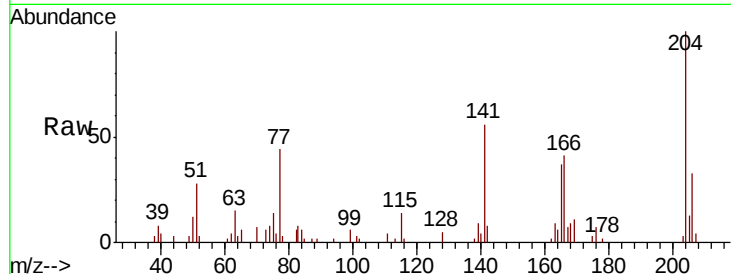




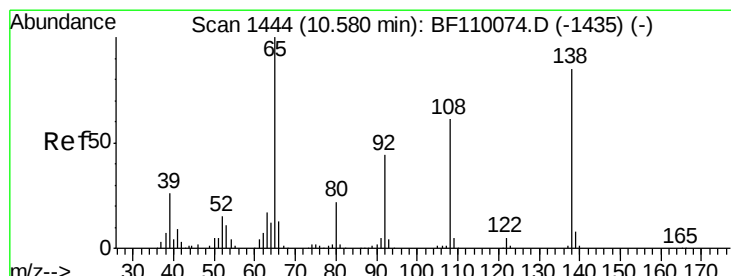
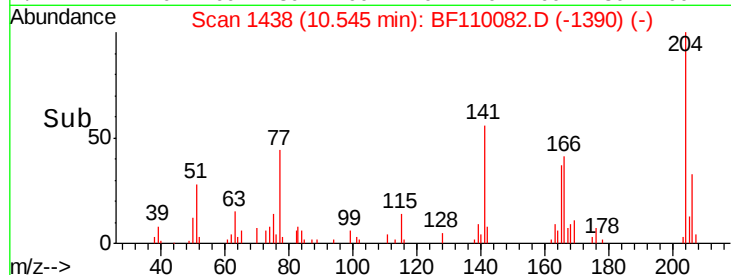
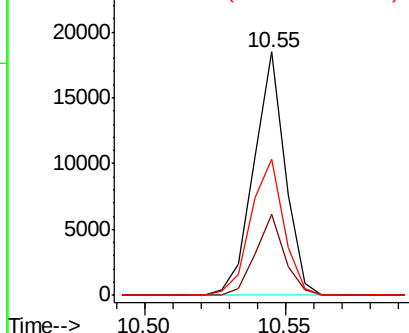
#61
4-Chlorophenyl-phenylether
Concen: 1.077 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.02 min
Lab File: BF110082.D
Acq: 23 Oct 2018 17:25

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 14251
Ion Ratio Lower Upper
204 100
206 33.4 26.5 39.7
141 55.8 51.8 77.8

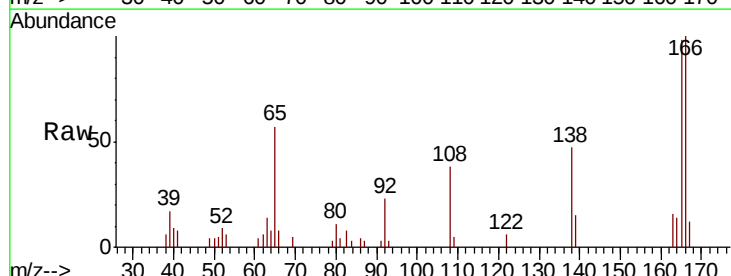


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

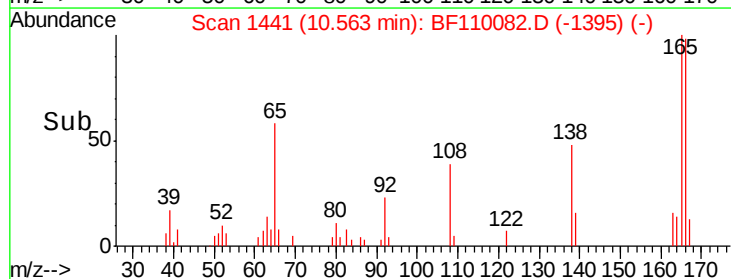
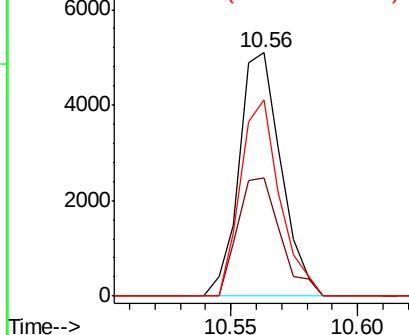


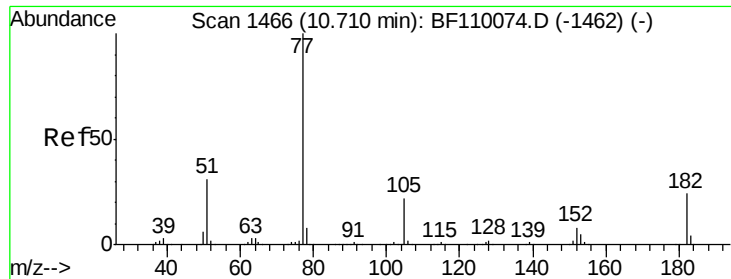
#62
4-Nitroaniline
Concen: 0.820 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.03 min
Lab File: BF110082.D
Acq: 23 Oct 2018 17:25

Tgt Ion:138 Resp: 5856
Ion Ratio Lower Upper
138 100
92 48.4 31.7 71.7
108 80.6 59.3 99.3



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





#63

Azobenzene

Concen: 1.051 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.02 min

Lab File: BF110082.D

Acq: 23 Oct 2018 17:25

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 28552

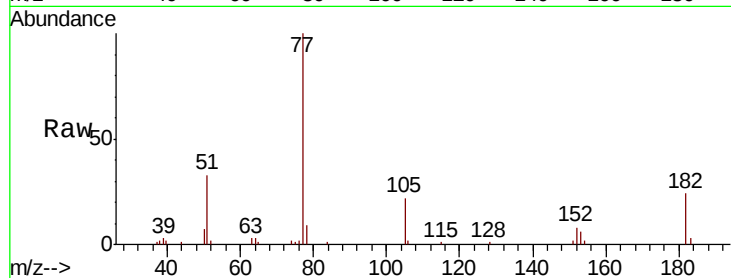
Ion Ratio Lower Upper

77 100

182 24.3 4.3 44.3

105 21.6 1.3 41.3

51 33.0 9.0 49.0

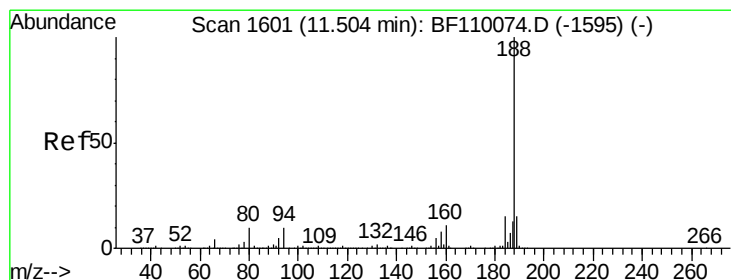
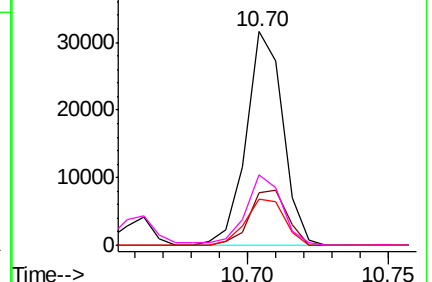
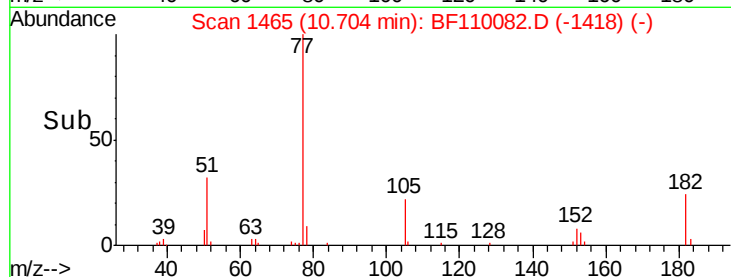


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1600

Delta R.T. -0.02 min

Lab File: BF110082.D

Acq: 23 Oct 2018 17:25

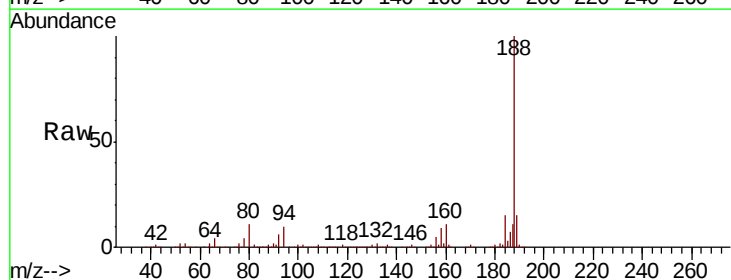
Tgt Ion: 188 Resp: 746064

Ion Ratio Lower Upper

188 100

94 10.2 7.2 10.8

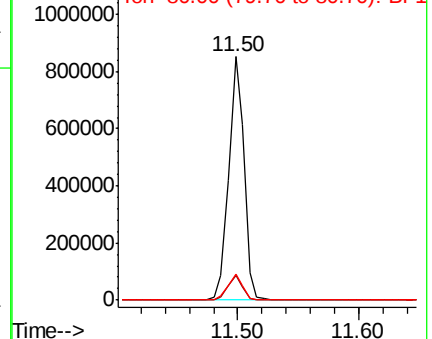
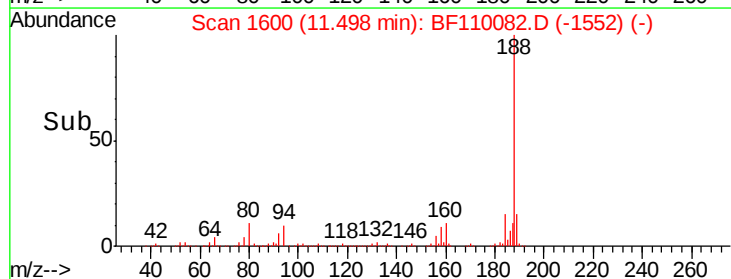
80 10.7 7.9 11.9

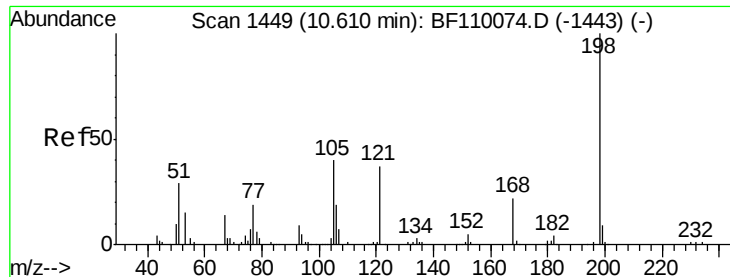


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

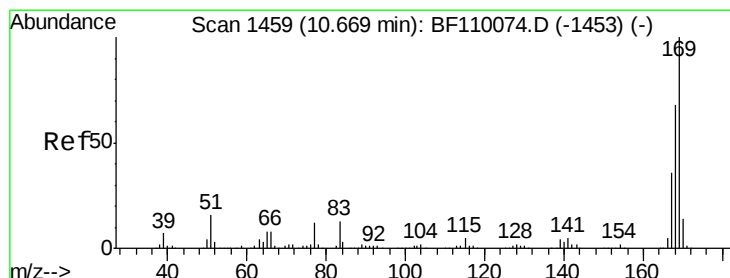
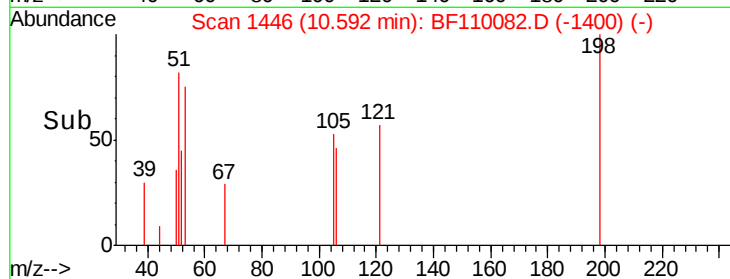
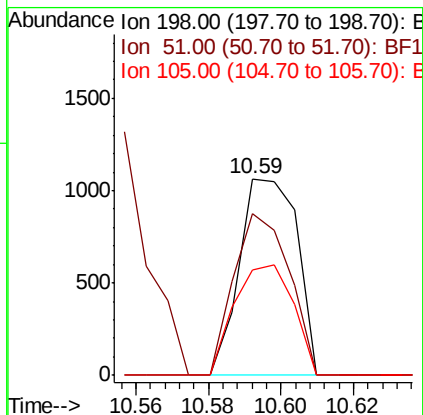
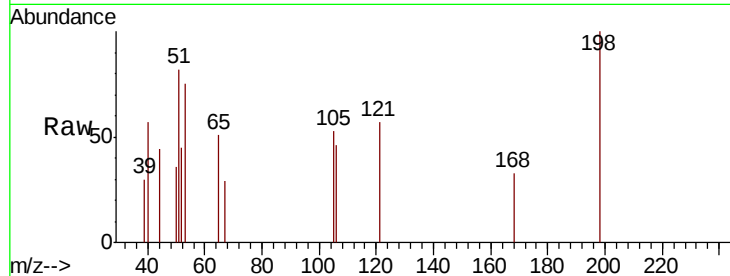




#65
 4,6-Dinitro-2-methylphenol
 Concen: 0.347 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.03 min
 Lab File: BF110082.D
 Acq: 23 Oct 2018 17:25

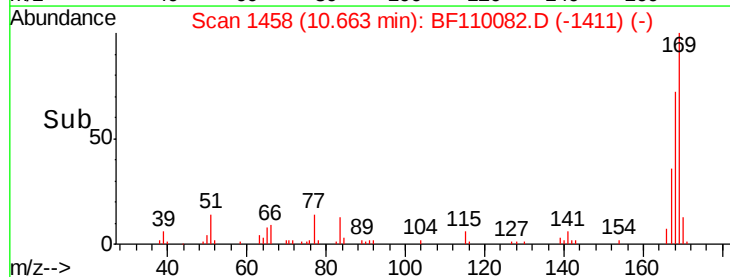
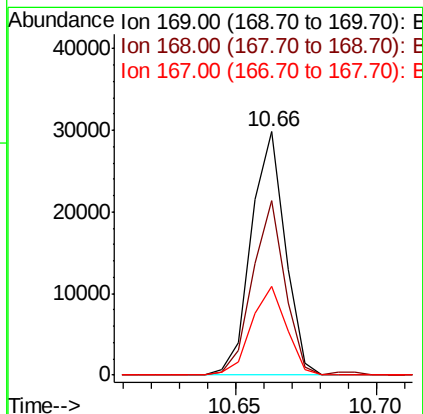
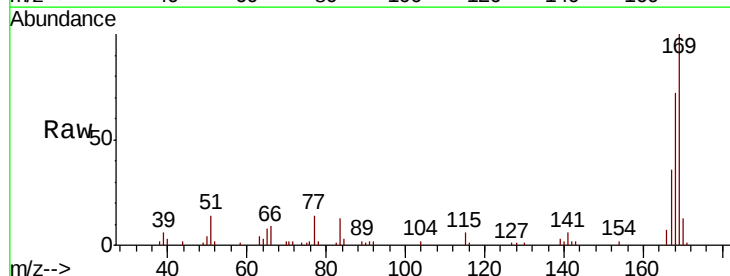
Instrument :
 BNA_F
 ClientSampled :

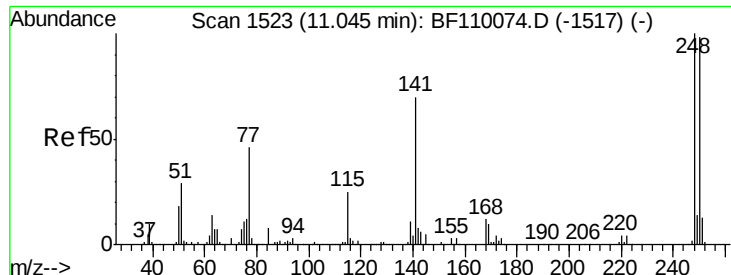
Tot Ion:198 Resp: 1182
 Ion Ratio Lower Upper
 198 100
 51 82.3 22.8 62.8#
 105 53.5 23.6 63.6



#66
 n-Nitrosodiphenylamine
 Concen: 1.013 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.02 min
 Lab File: BF110082.D
 Acq: 23 Oct 2018 17:25

Tgt Ion:169 Resp: 24788
 Ion Ratio Lower Upper
 169 100
 168 71.8 51.2 76.8
 167 36.2 27.8 41.6

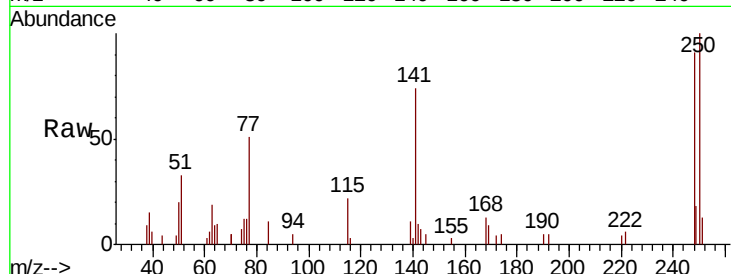




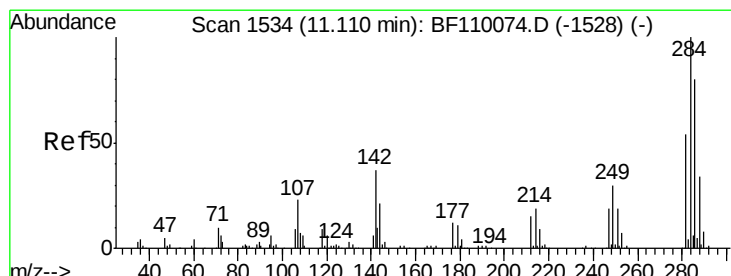
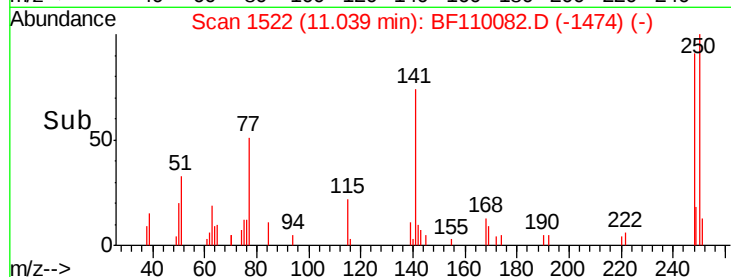
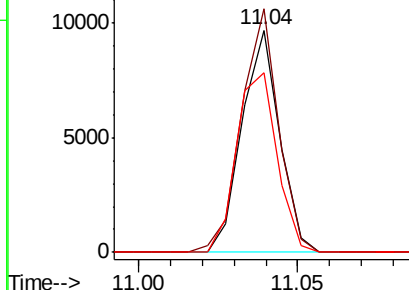
#67
4-Bromophenyl-phenylether
Concen: 0.981 ng
RT: 11.04 min Scan# 1522
Delta R.T. -0.02 min
Lab File: BF110082.D
Acq: 23 Oct 2018 17:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 7939
Ion Ratio Lower Upper
248 100
250 109.5 79.4 119.2
141 80.9 55.9 83.9

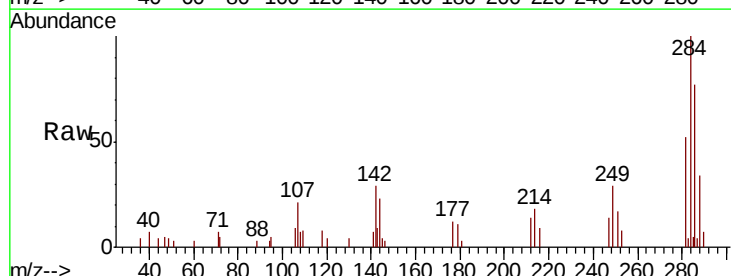


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

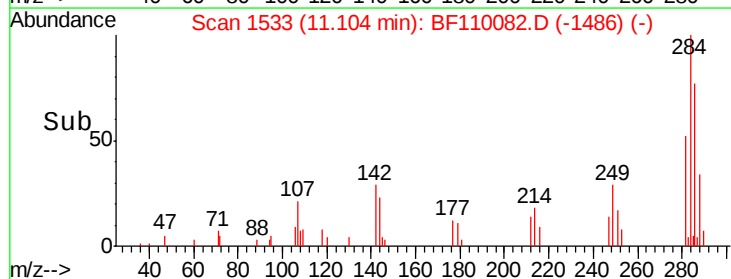
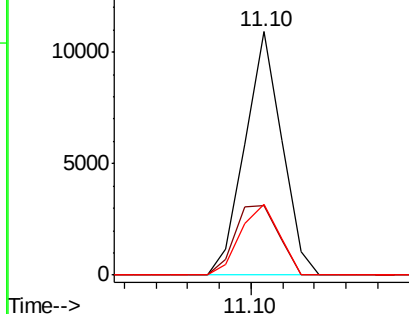


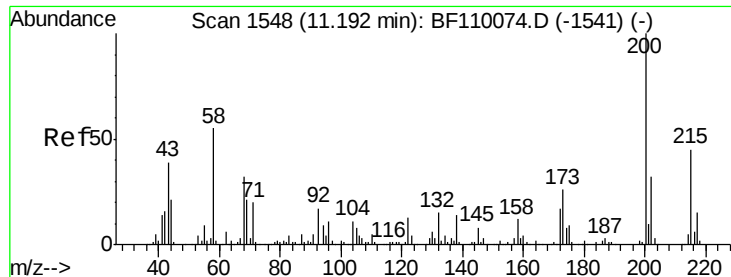
#68
Hexachlorobenzene
Concen: 1.032 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.02 min
Lab File: BF110082.D
Acq: 23 Oct 2018 17:25

Tgt Ion:284 Resp: 8858
Ion Ratio Lower Upper
284 100
142 28.5 23.9 35.9
249 29.3 24.2 36.2



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

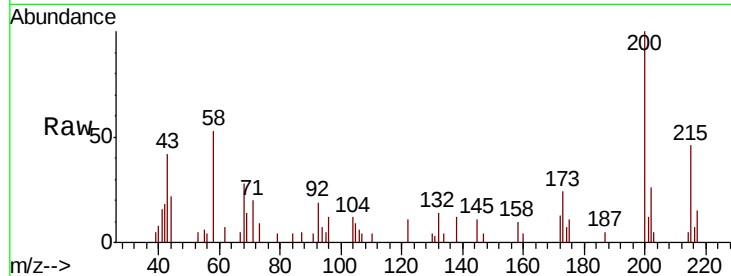




#69
Atrazine
Concen: 1.026 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.02 min
Lab File: BF110082.D
Acq: 23 Oct 2018 17:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.5	6.6	46.6
215	45.6	26.3	66.3

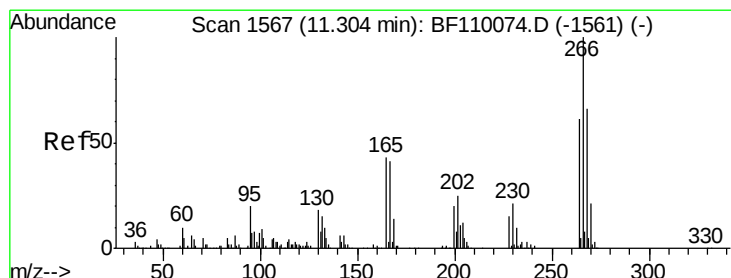
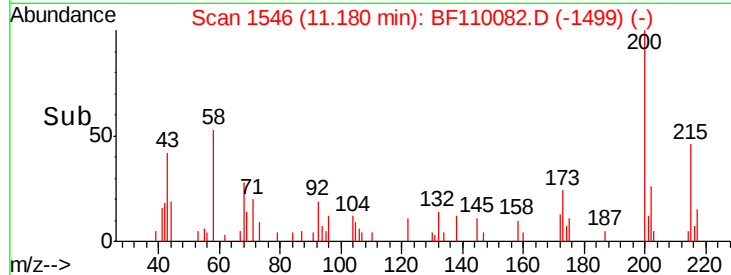
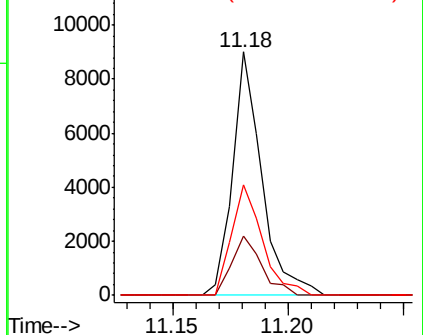


Abundance

Ion 200.00 (199.70 to 200.70): E

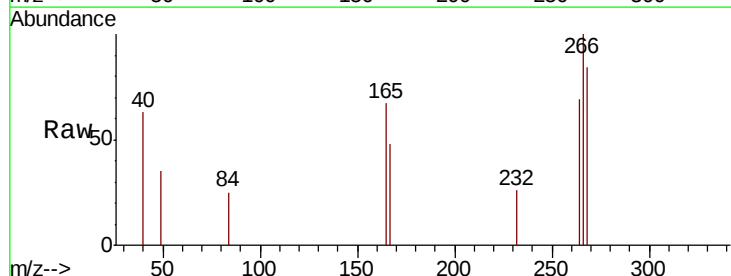
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 0.331 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF110082.D
Acq: 23 Oct 2018 17:25

Tgt Ion	Ratio	Lower	Upper
266	100		
268	83.5	50.6	75.8#
264	69.1	50.6	75.8

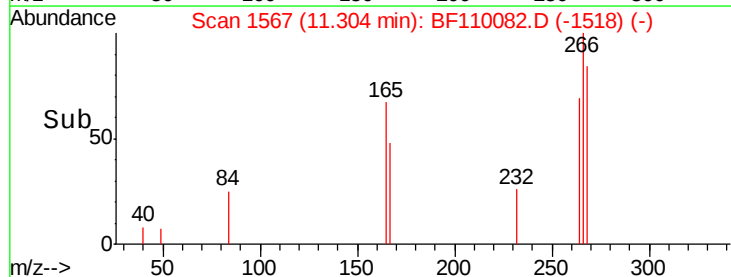
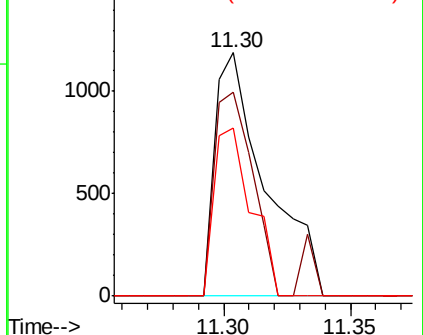


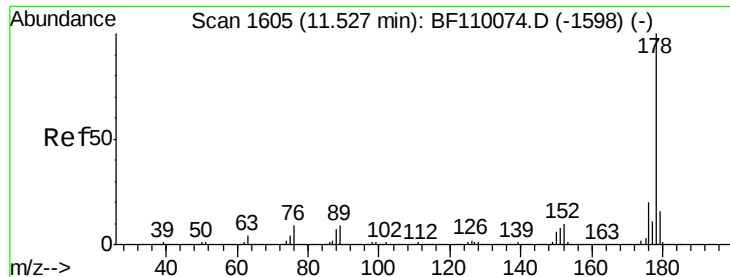
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

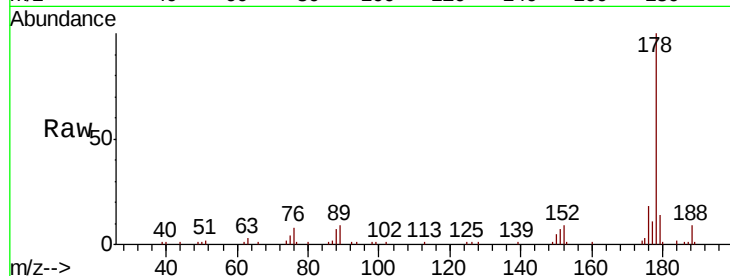




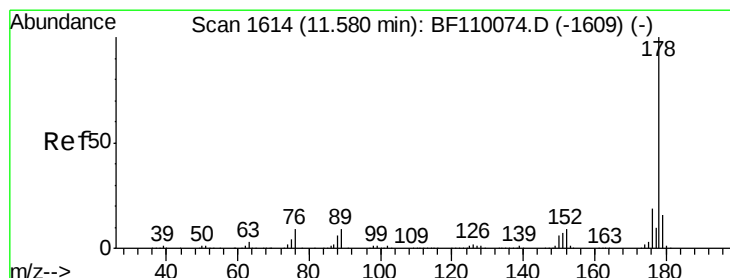
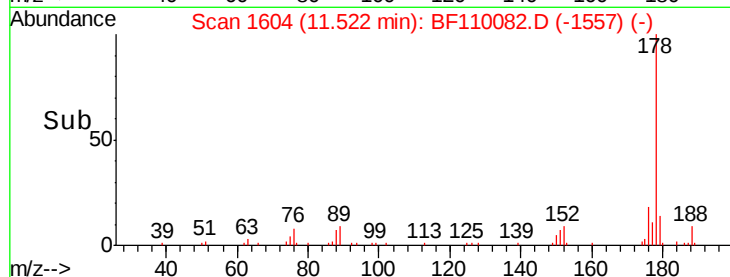
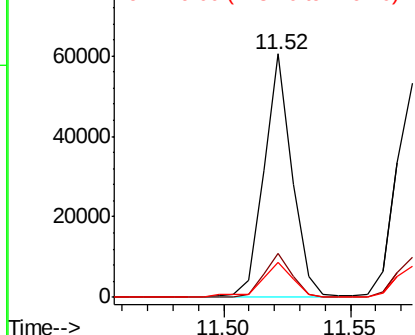
#71
Phenanthrene
Concen: 1.191 ng
RT: 11.52 min Scan# 1604
Delta R.T. -0.02 min
Lab File: BF110082.D
Acq: 23 Oct 2018 17:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 46504
Ion Ratio Lower Upper
178 100
176 17.9 15.5 23.3
179 14.5 12.5 18.7

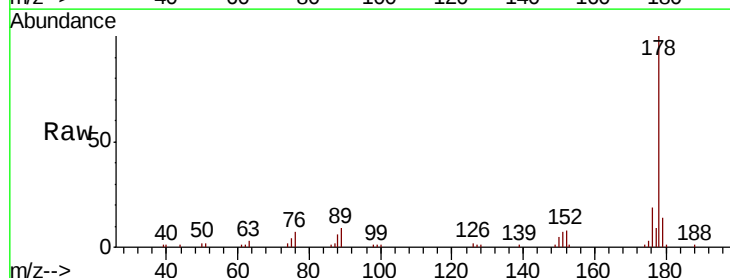


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

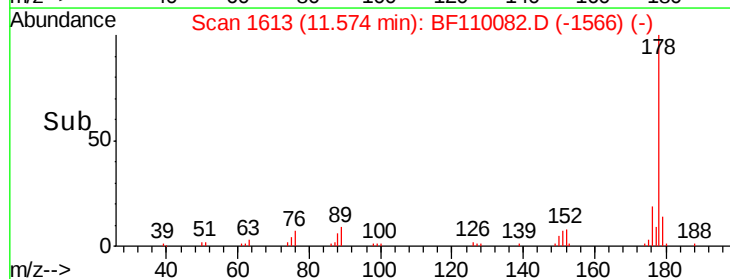
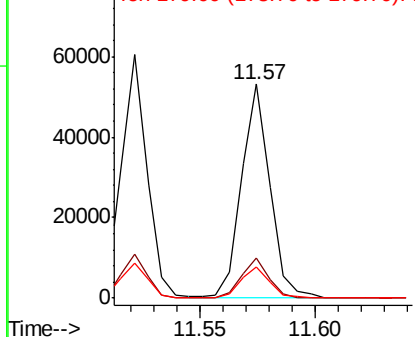


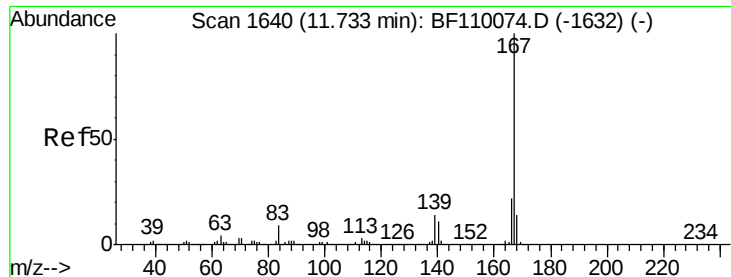
#72
Anthracene
Concen: 1.175 ng
RT: 11.57 min Scan# 1613
Delta R.T. -0.02 min
Lab File: BF110082.D
Acq: 23 Oct 2018 17:25

Tgt Ion:178 Resp: 45989
Ion Ratio Lower Upper
178 100
176 18.7 15.4 23.2
179 14.3 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

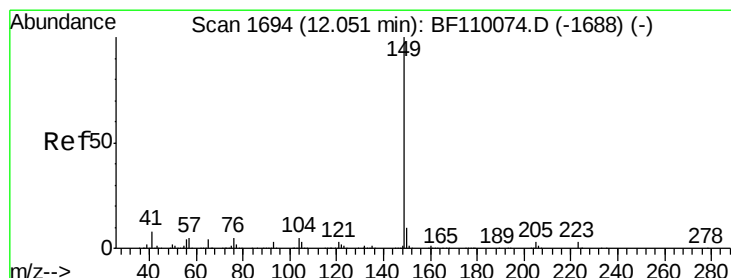
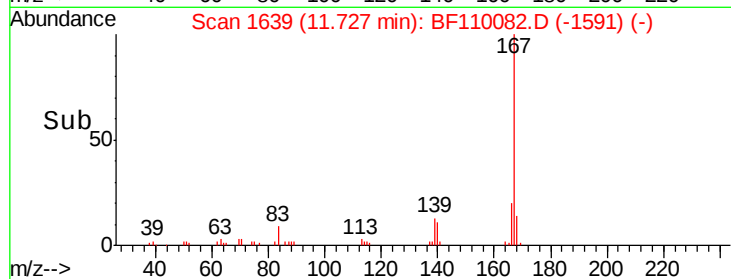
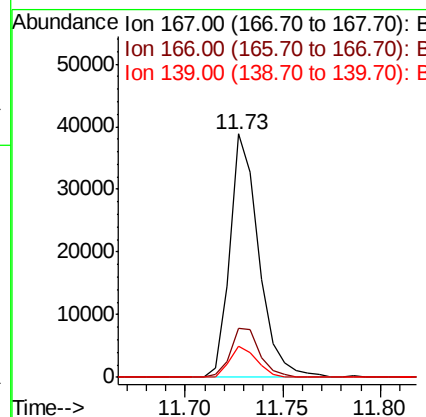
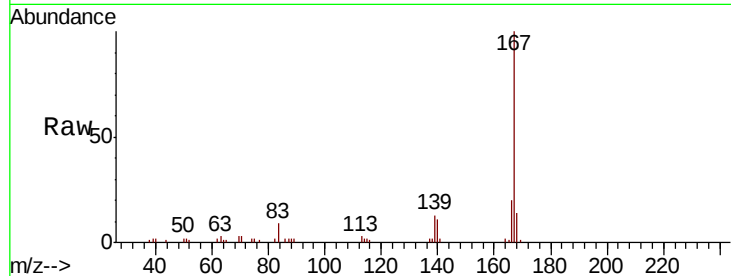




#73
 Carbazole
 Concen: 1.046 ng
 RT: 11.73 min Scan# 1639
 Delta R.T. -0.02 min
 Lab File: BF110082.D
 Acq: 23 Oct 2018 17:25

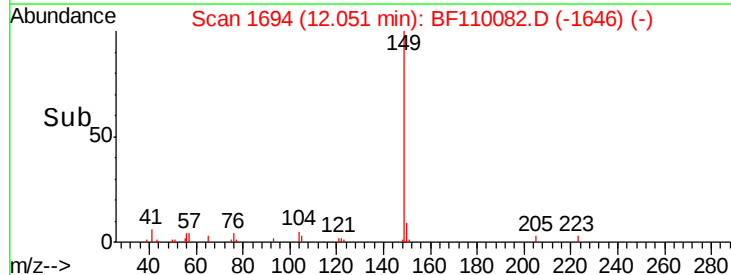
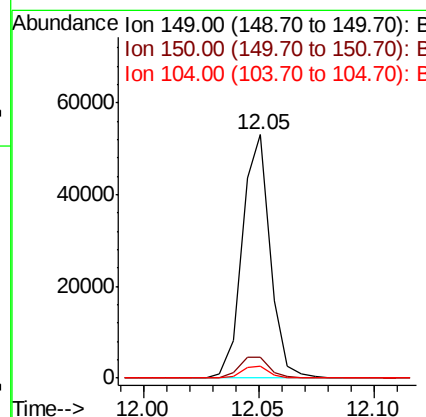
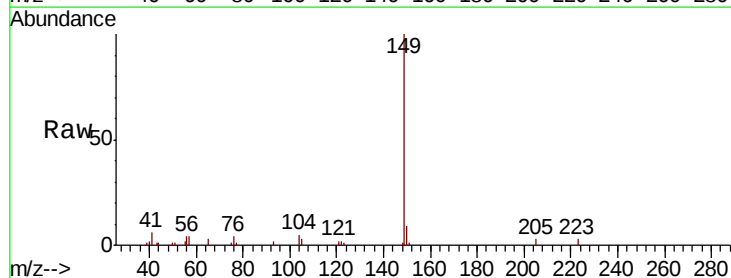
Instrument :
 BNA_F
 ClientSampled :

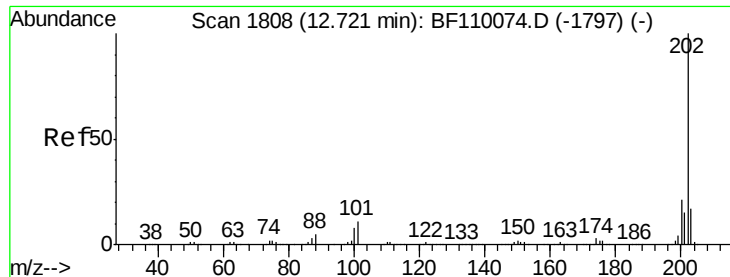
Tot Ion:167 Resp: 39963
 Ion Ratio Lower Upper
 167 100
 166 20.4 17.4 26.0
 139 12.7 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 1.035 ng
 RT: 12.05 min Scan# 1694
 Delta R.T. -0.02 min
 Lab File: BF110082.D
 Acq: 23 Oct 2018 17:25

Tgt Ion:149 Resp: 44661
 Ion Ratio Lower Upper
 149 100
 150 8.7 7.7 11.5
 104 4.9 4.2 6.4

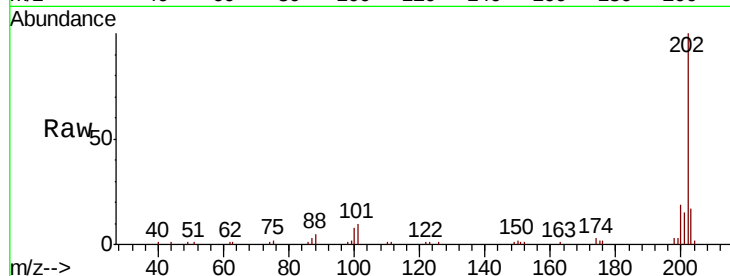




#75
Fluoranthene
Concen: 1.174 ng
RT: 12.72 min Scan# 1807
Delta R.T. -0.02 min
Lab File: BF110082.D
Acq: 23 Oct 2018 17:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	31.4
203	17.0	0.0	37.7

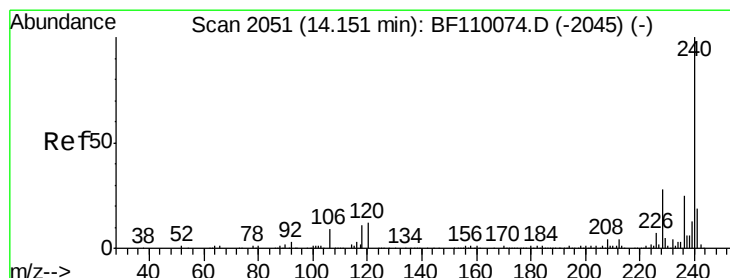
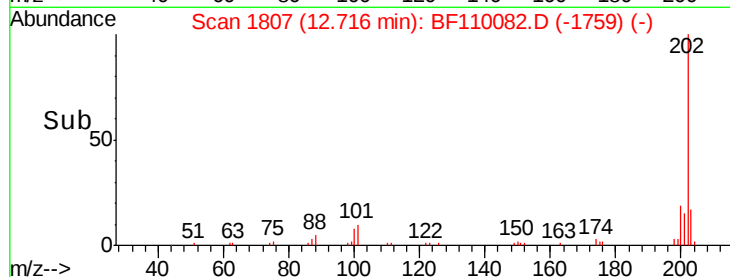
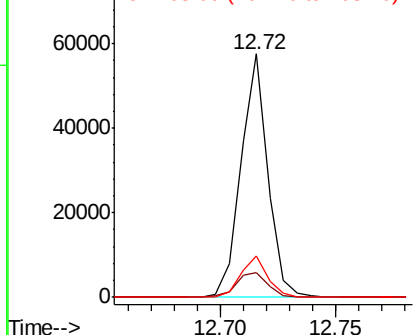


Abundance

Ion 202.00 (201.70 to 202.70): E

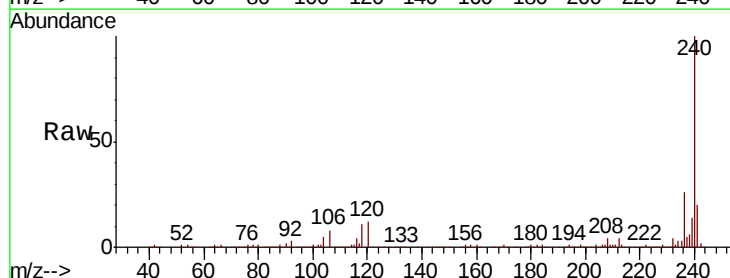
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.02 min
Lab File: BF110082.D
Acq: 23 Oct 2018 17:25

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.4	8.3	12.5
236	26.1	21.2	31.8

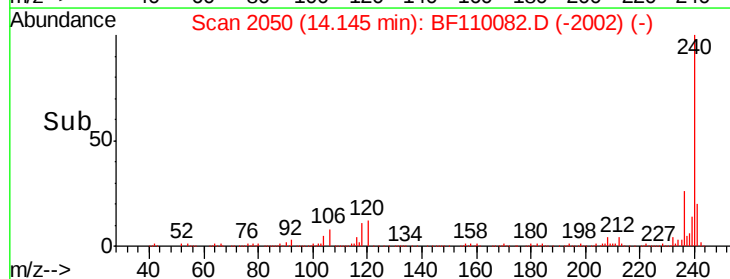
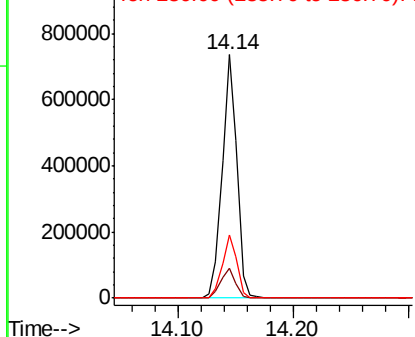


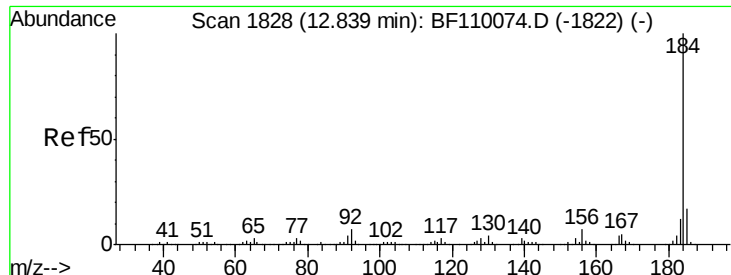
Abundance

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: 0.243 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.02 min

Lab File: BF110082.D

Acq: 23 Oct 2018 17:25

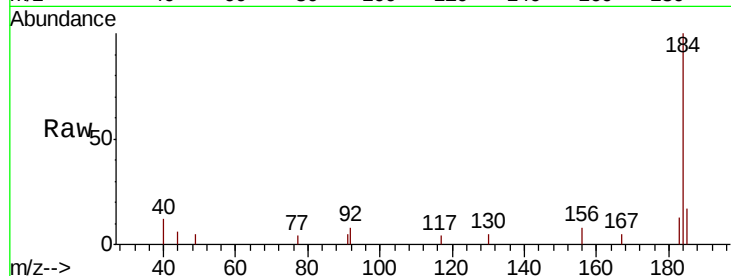
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 6642

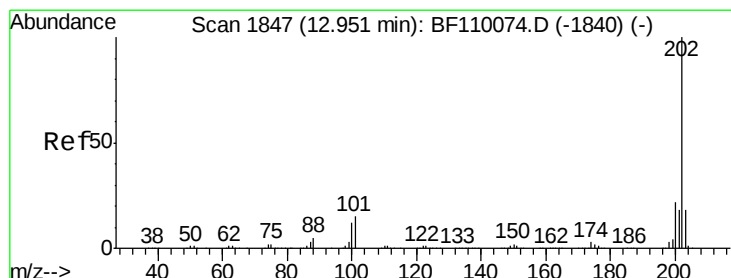
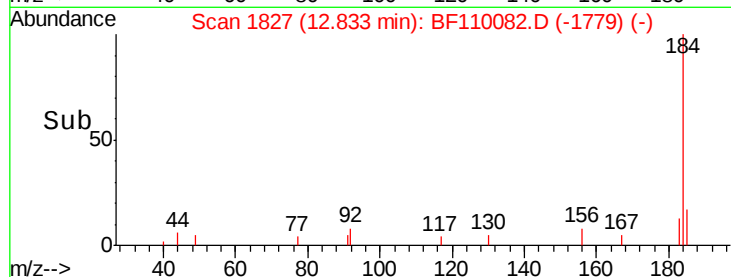
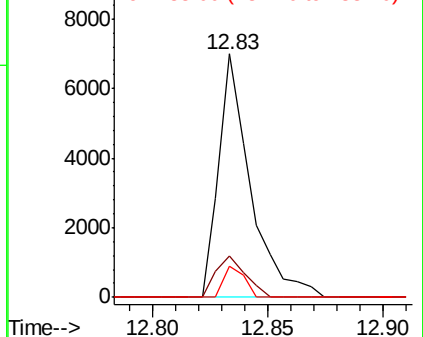
Ion	Ratio	Lower	Upper
184	100		
185	17.2	13.4	20.2
183	12.7	9.4	14.2



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: 1.003 ng

RT: 12.94 min Scan# 1846

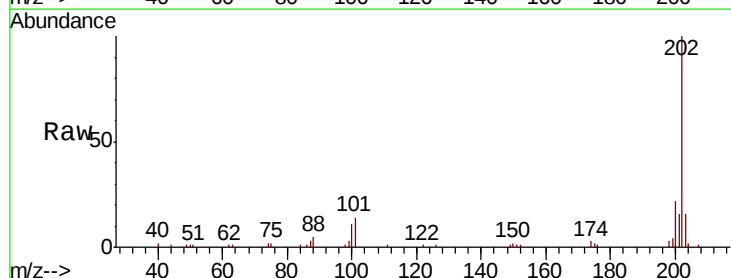
Delta R.T. -0.02 min

Lab File: BF110082.D

Acq: 23 Oct 2018 17:25

Tgt Ion:202 Resp: 46571

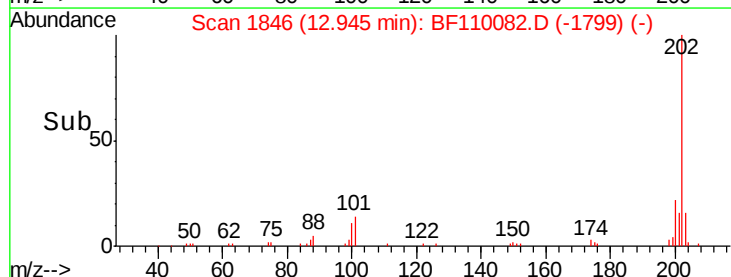
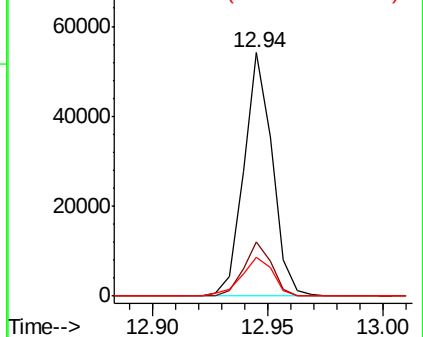
Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.8	26.6
203	16.0	14.2	21.4

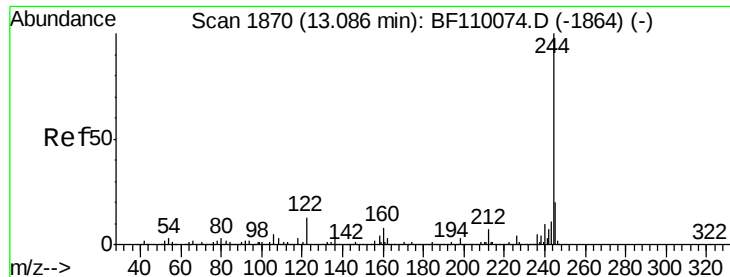


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 65.756 ng

RT: 13.09 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BF110082.D

Acq: 23 Oct 2018 17:25

Instrument :

BNA_F

ClientSampleId :

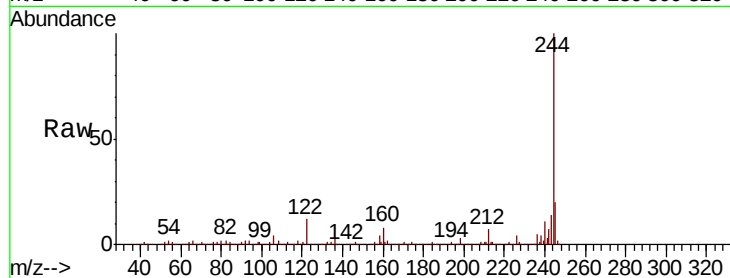
Tot Ion:244 Resp: 2048647

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

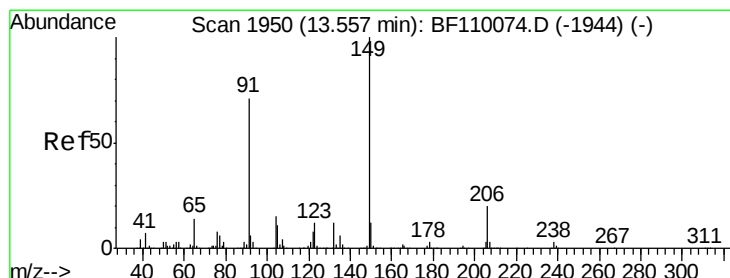
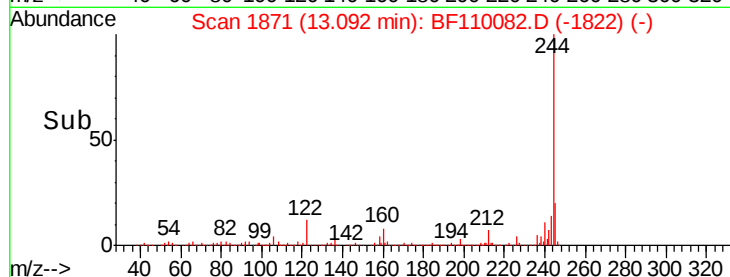
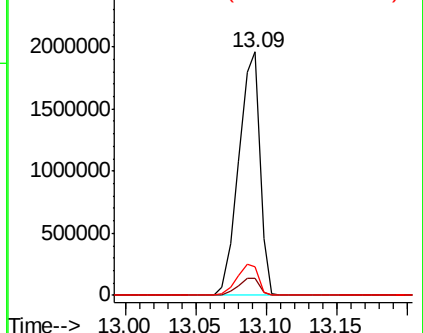
122 11.7 8.7 13.1



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: 0.879 ng

RT: 13.55 min Scan# 1949

Delta R.T. -0.02 min

Lab File: BF110082.D

Acq: 23 Oct 2018 17:25

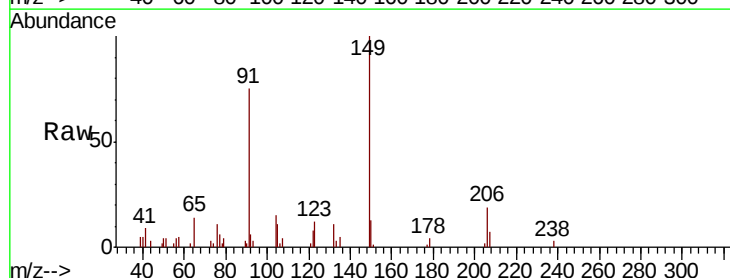
Tgt Ion:149 Resp: 17728

Ion Ratio Lower Upper

149 100

91 74.8 57.2 85.8

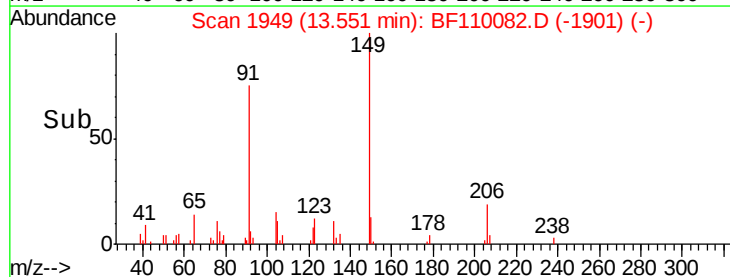
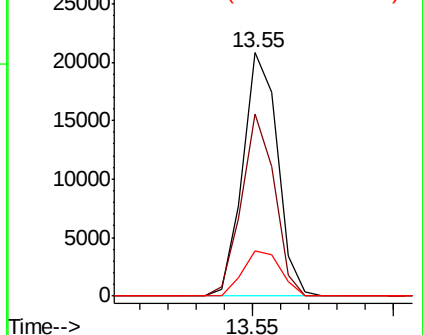
206 18.8 15.7 23.5

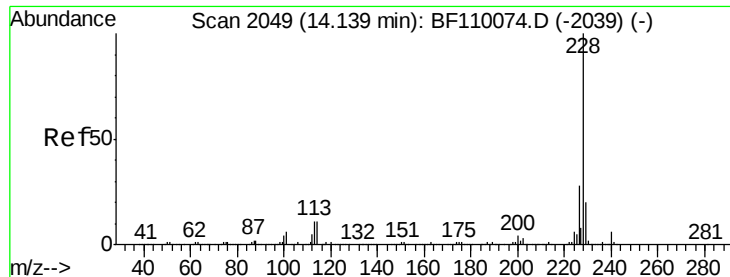


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 1.126 ng

RT: 14.13 min Scan# 2048

Delta R.T. -0.02 min

Lab File: BF110082.D

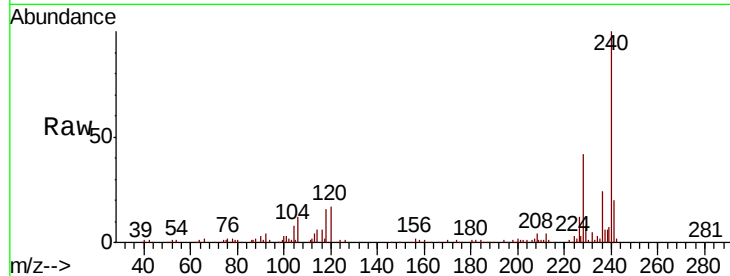
Acq: 23 Oct 2018 17:25

Instrument :

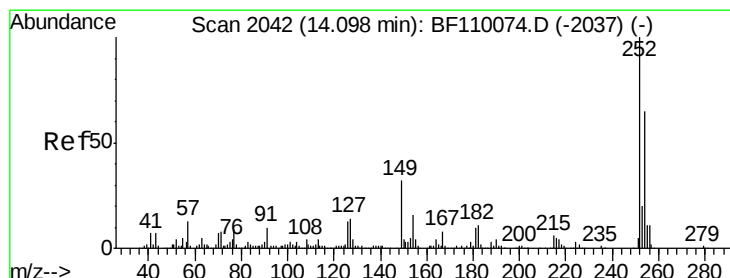
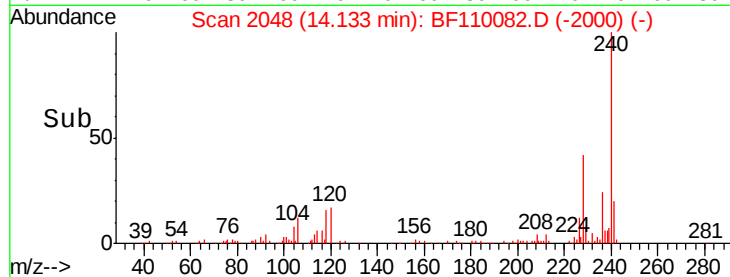
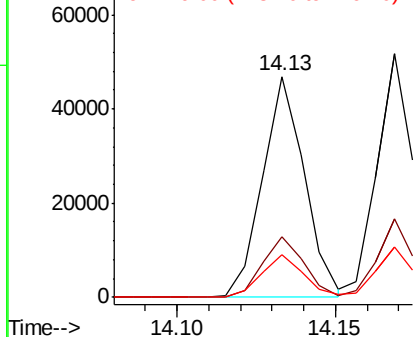
BNA_F

ClientSampleId :

Tot Ion:228	Resp:	43252
Ion Ratio	Lower	Upper
228	100	
226	27.3	22.1 33.1
229	19.5	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: 0.715 ng

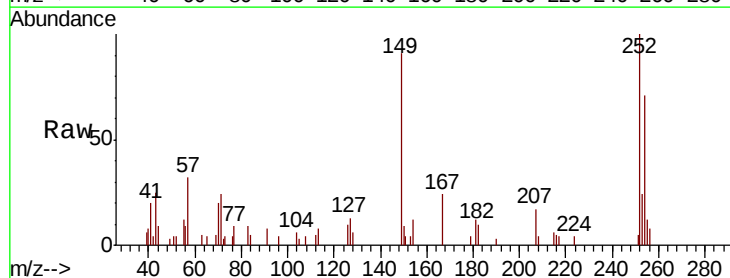
RT: 14.10 min Scan# 2042

Delta R.T. -0.01 min

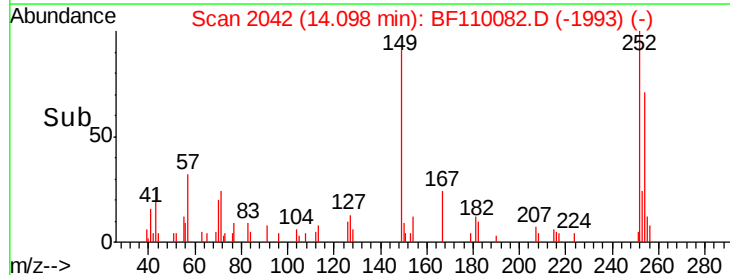
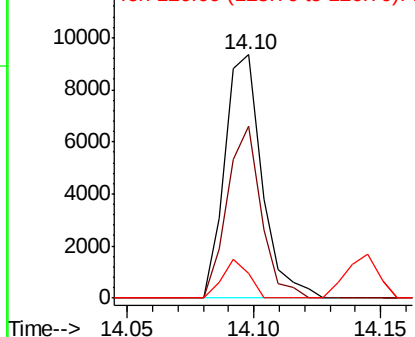
Lab File: BF110082.D

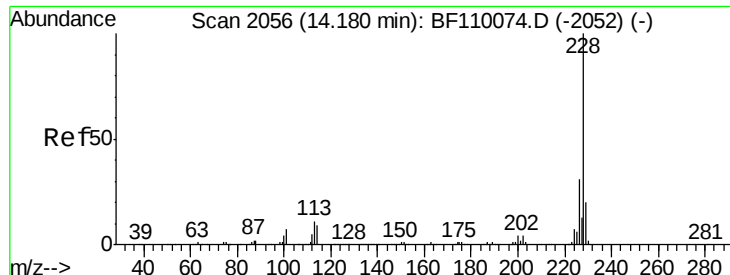
Acq: 23 Oct 2018 17:25

Tgt Ion:252	Resp:	9562
Ion Ratio	Lower	Upper
252	100	
254	70.8	51.3 76.9
126	10.3	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: 1.129 ng

RT: 14.17 min Scan# 2054

Delta R.T. -0.02 min

Lab File: BF110082.D

Acq: 23 Oct 2018 17:25

Instrument :

BNA_F

ClientSampleId :

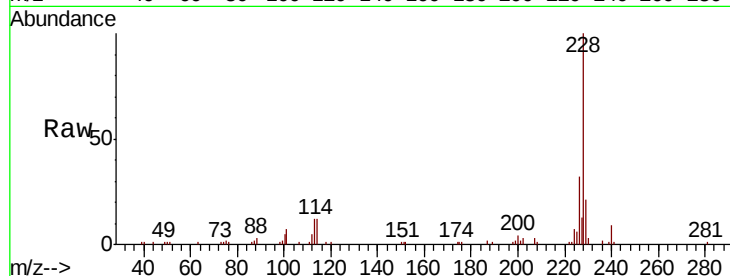
Tot Ion:228 Resp: 41193

Ion Ratio Lower Upper

228 100

226 32.3 24.7 37.1

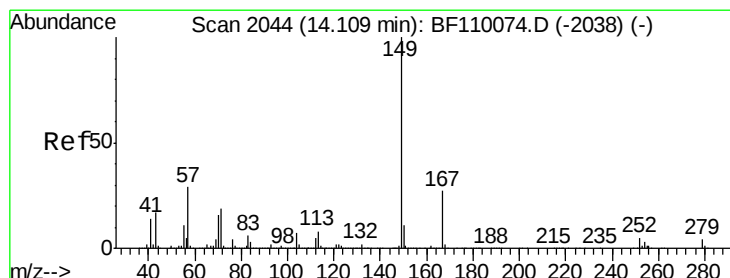
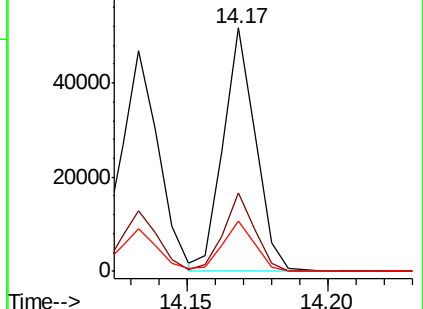
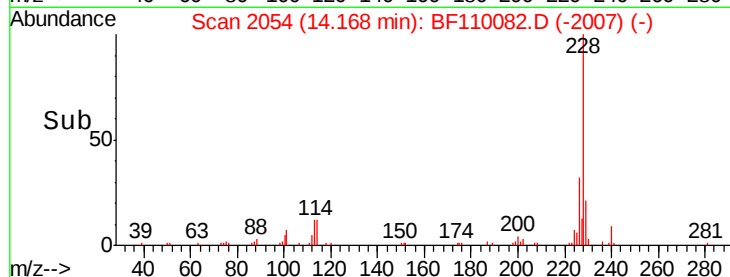
229 20.9 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.959 ng

RT: 14.10 min Scan# 2043

Delta R.T. -0.02 min

Lab File: BF110082.D

Acq: 23 Oct 2018 17:25

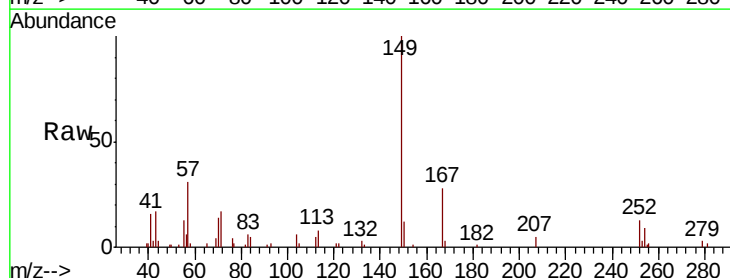
Tgt Ion:149 Resp: 26151

Ion Ratio Lower Upper

149 100

167 27.8 19.8 29.8

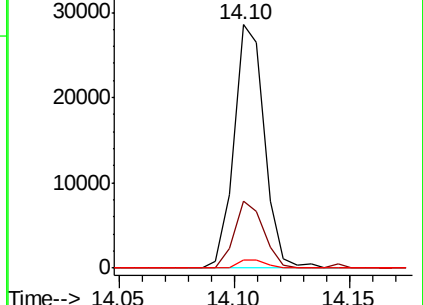
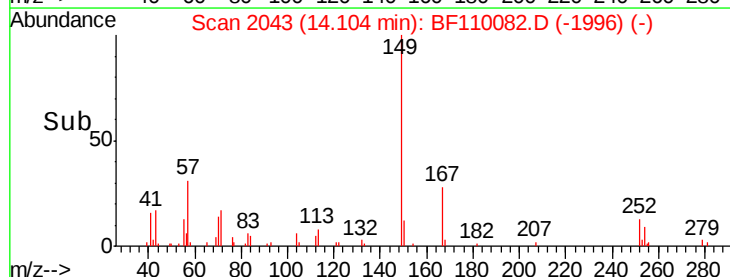
279 3.2 2.7 4.1

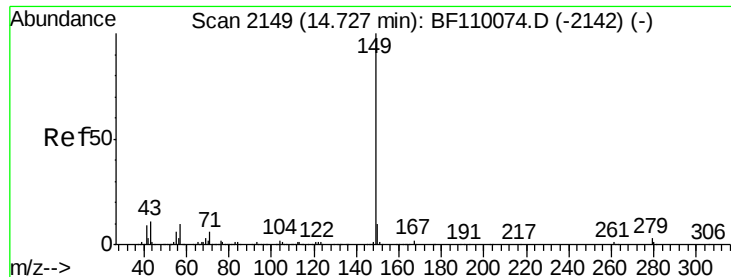


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

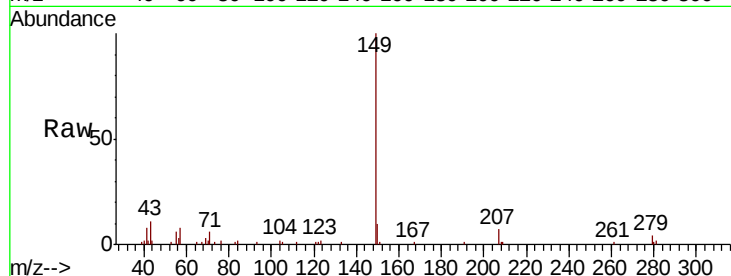




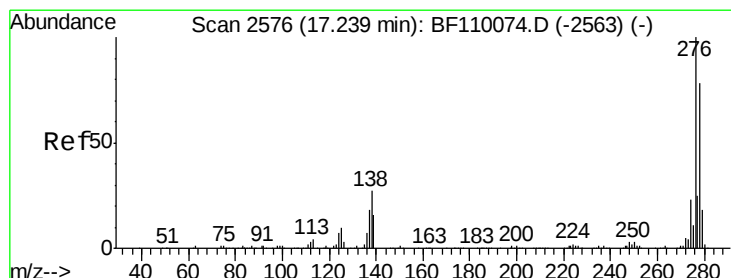
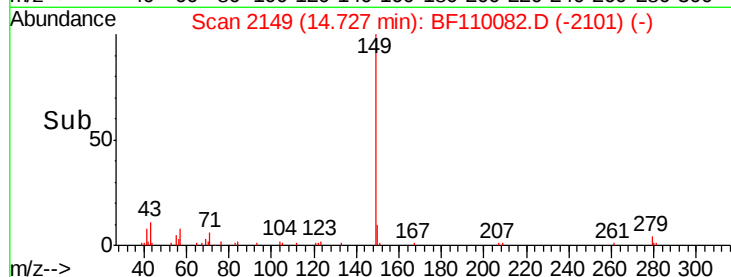
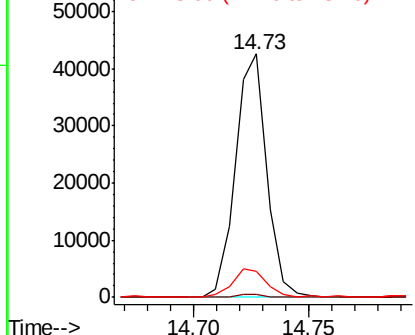
#85
Di-n-octyl phthalate
Concen: 0.948 ng
RT: 14.73 min Scan# 2149
Delta R.T. -0.02 min
Lab File: BF110082.D
Acq: 23 Oct 2018 17:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 40177
Ion Ratio Lower Upper
149 100
167 1.0 1.1 1.7#
43 12.4 7.8 11.8#

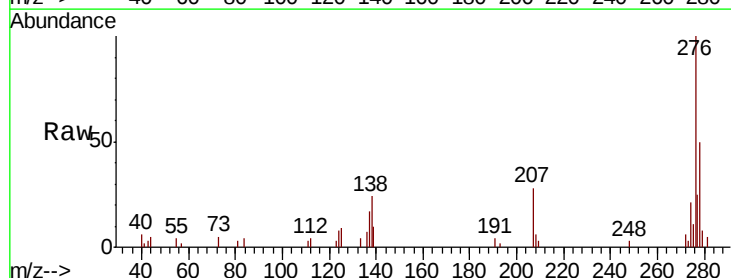


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

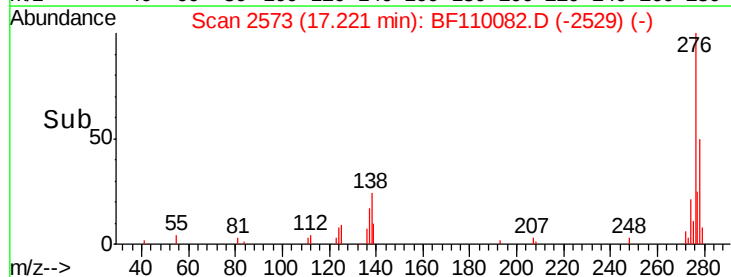
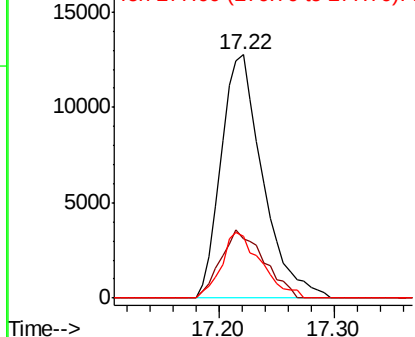


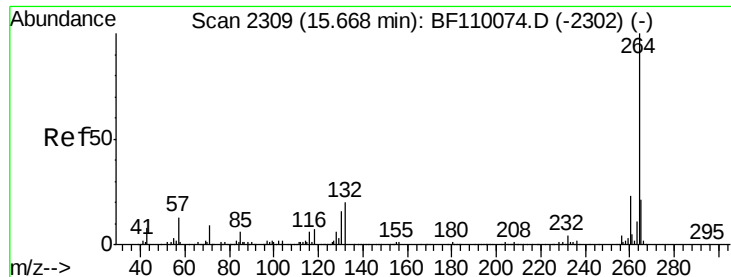
#86
Indeno(1,2,3-cd)pyrene
Concen: 1.056 ng
RT: 17.22 min Scan# 2573
Delta R.T. -0.04 min
Lab File: BF110082.D
Acq: 23 Oct 2018 17:25

Tgt Ion:276 Resp: 31965
Ion Ratio Lower Upper
276 100
138 28.8 18.5 27.7#
277 25.8 20.0 30.0



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



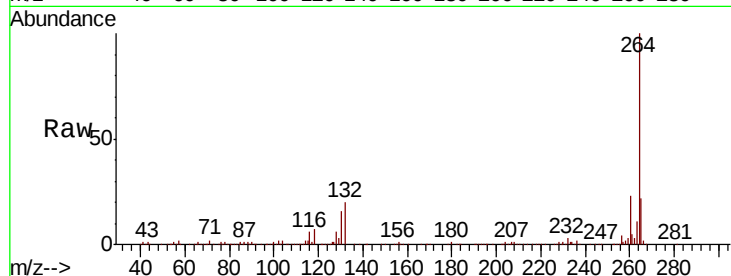


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. -0.02 min
Lab File: BF110082.D
Acq: 23 Oct 2018 17:25

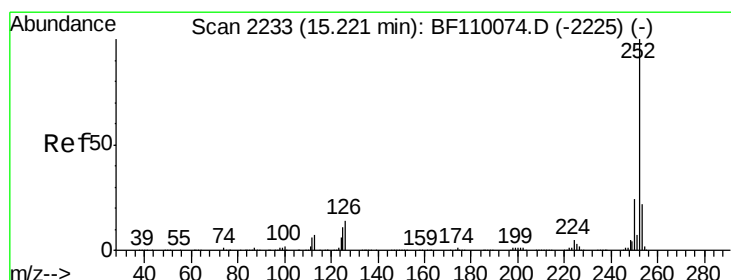
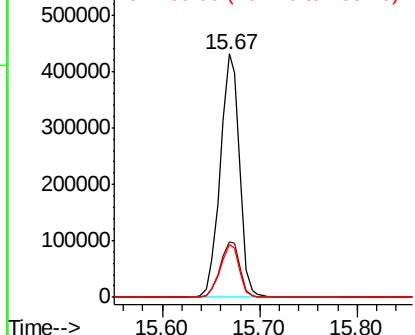
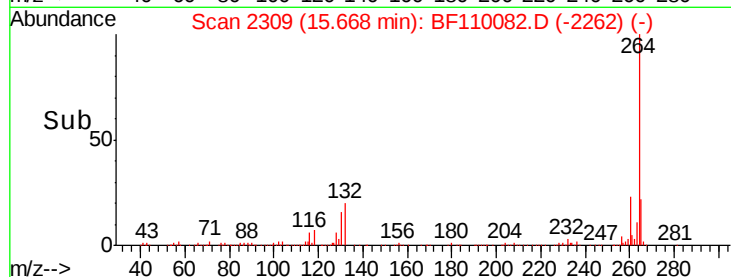
Instrument :
BNA_F
ClientSampled :

Tot Ion:264 Resp: 585136

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.7	28.1
265	21.6	16.7	25.1



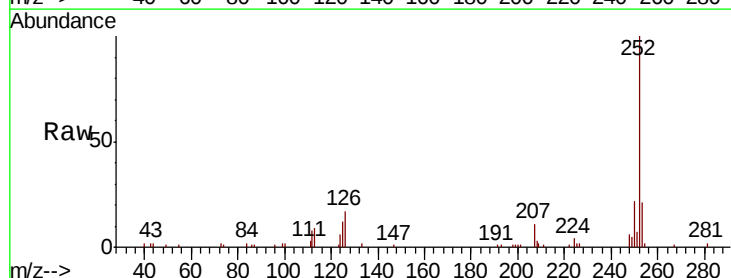
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



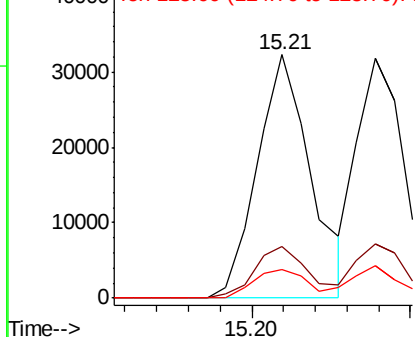
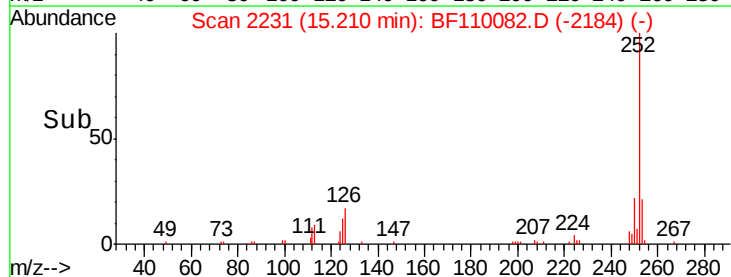
#88
Benzo(b)fluoranthene
Concen: 1.118 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.02 min
Lab File: BF110082.D
Acq: 23 Oct 2018 17:25

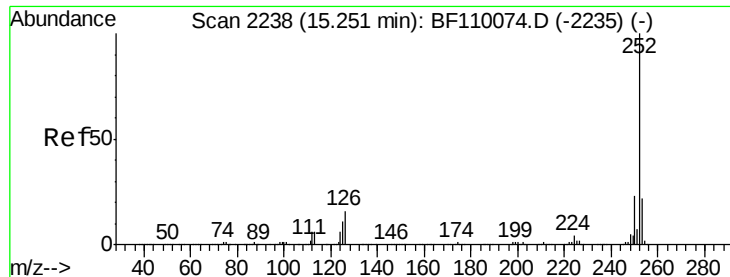
Tgt Ion:252 Resp: 37771

Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.2	25.8
125	12.0	8.2	12.4



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

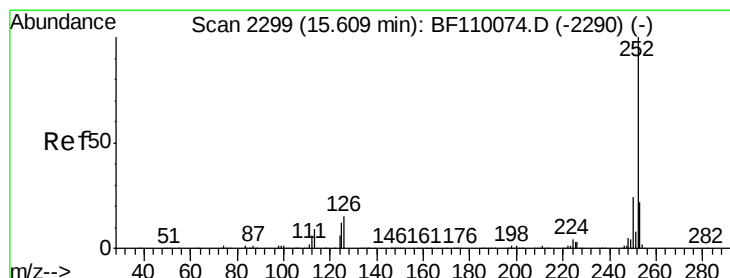
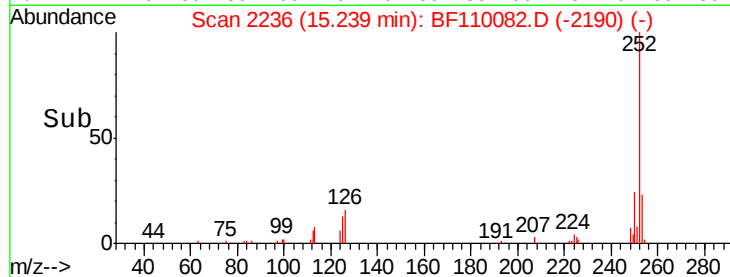
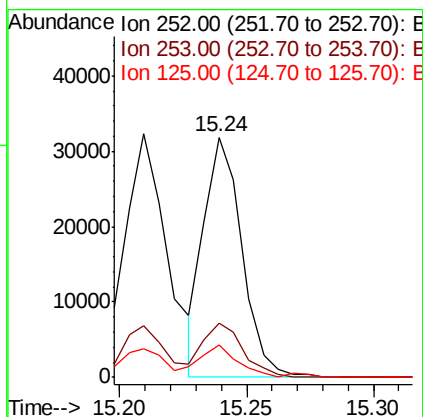
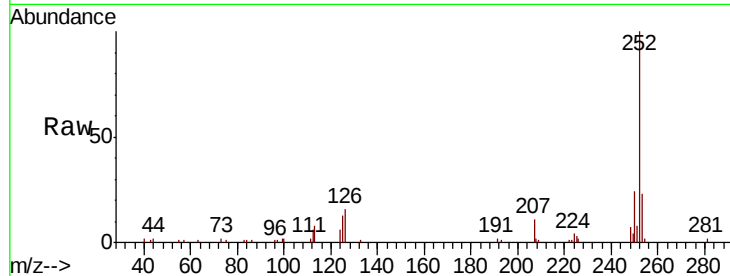




#89
Benzo(k)fluoranthene
Concen: 0.999 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.03 min
Lab File: BF110082.D
Acq: 23 Oct 2018 17:25

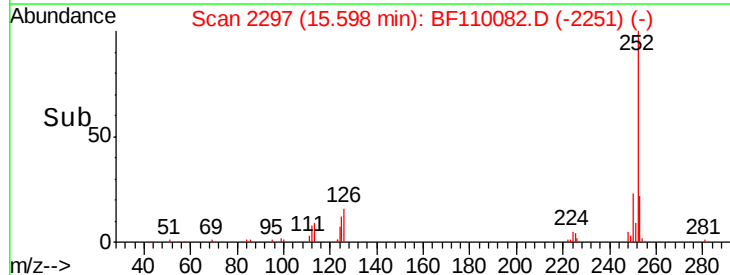
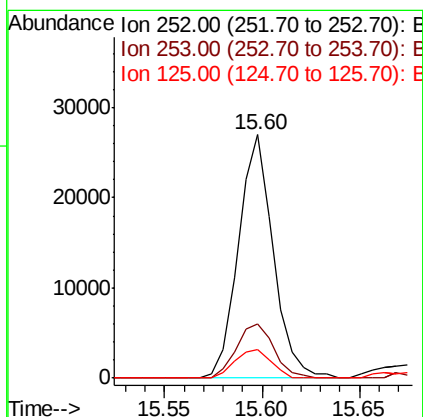
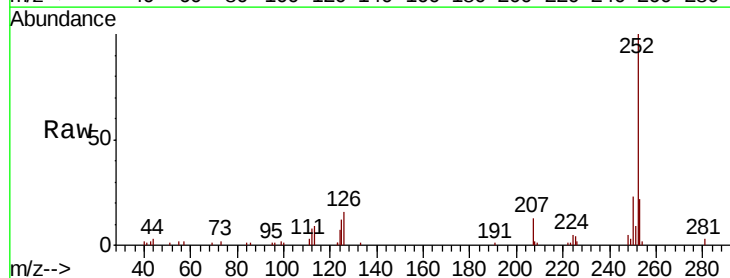
Instrument :
BNA_F
ClientSampleId :

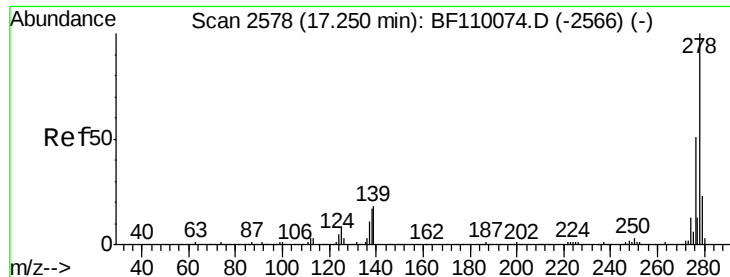
Tot Ion:252 Resp: 33173
Ion Ratio Lower Upper
252 100
253 22.7 17.2 25.8
125 13.2 7.4 11.0#



#90
Benzo(a)pyrene
Concen: 1.070 ng
RT: 15.60 min Scan# 2297
Delta R.T. -0.03 min
Lab File: BF110082.D
Acq: 23 Oct 2018 17:25

Tgt Ion:252 Resp: 33261
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.4
125 12.0 9.0 13.6

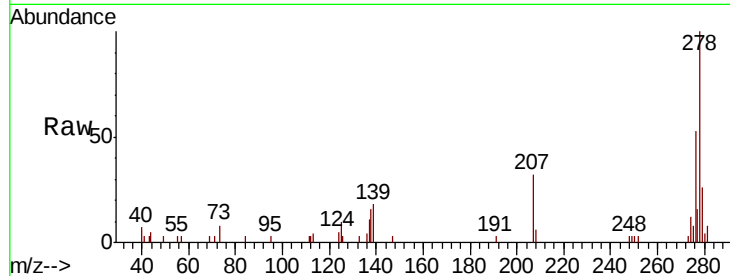




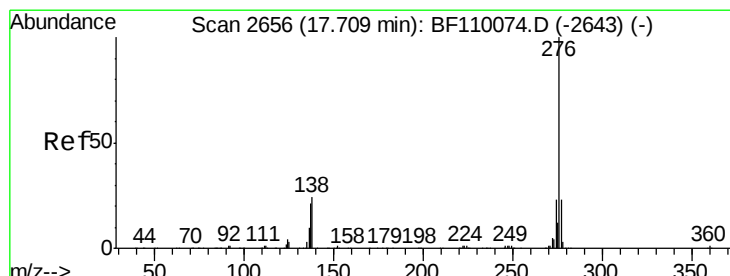
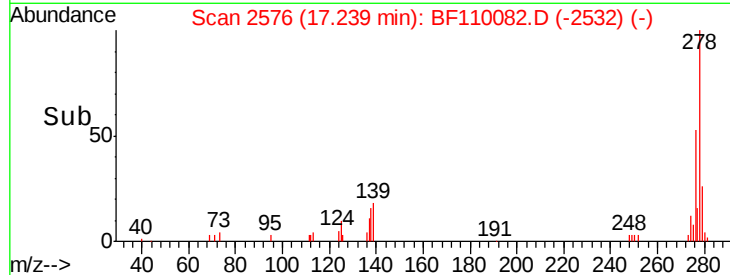
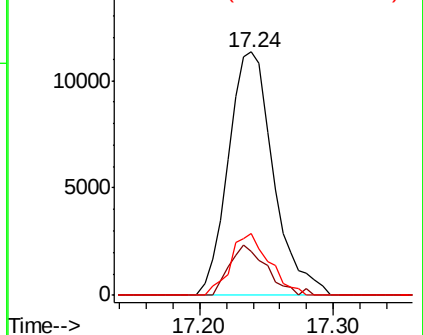
#91
Dibenzo(a,h)anthracene
Concen: 0.992 ng
RT: 17.24 min Scan# 2576
Delta R.T. -0.04 min
Lab File: BF110082.D
Acq: 23 Oct 2018 17:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 26600
Ion Ratio Lower Upper
278 100
139 18.3 12.7 19.1
279 25.6 19.0 28.4

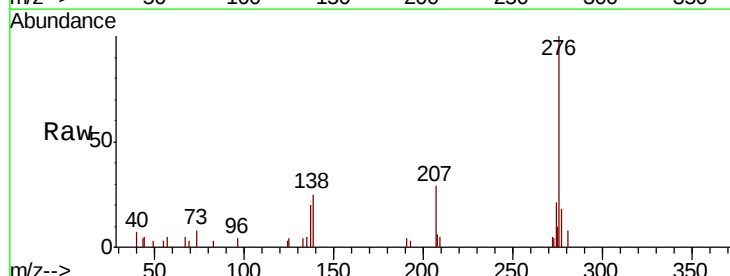


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 0.964 ng
RT: 17.69 min Scan# 2653
Delta R.T. -0.05 min
Lab File: BF110082.D
Acq: 23 Oct 2018 17:25

Tgt Ion:276 Resp: 25497
Ion Ratio Lower Upper
276 100
277 17.8 18.8 28.2#
138 24.9 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

