

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102518\
 Data File : BF110186.D
 Acq On : 26 Oct 2018 3:02
 Operator : JU/SJ
 Sample : J5626-03MSD 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 26 07:26:27 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	6.97	152	123309	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	458817	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	171492	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	289601	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	219738	20.00	ng	-0.01
87) Perylene-d12	15.68	264	160125	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.58	112	41987	5.54	ng	-0.02
7) Phenol-d6	6.58	99	52644	5.44	ng	-0.02
23) Nitrobenzene-d5	7.52	82	28743	3.72	ng	-0.03
42) 2,4,6-Tribromophenol	10.80	330	7217	4.25	ng	-0.02
45) 2-Fluorobiphenyl	9.32	172	54433	4.98	ng	-0.02
79) Terphenyl-d14	13.09	244	47985	4.54	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.81	88	5266	1.327	ng	# 89
3) Pyridine	3.69	79	4611	0.522	ng	# 69
4) n-Nitrosodimethylamine	3.55	42	5816	1.571	ng	# 94
6) Aniline	6.63	93	8162	0.647	ng	# 58
8) 2-Chlorophenol	6.75	128	15256	1.748	ng	97
9) Benzaldehyde	6.52	77	8090	0.388	ng	94
10) Phenol	6.59	94	25671	2.480	ng	# 65
11) bis(2-Chloroethyl)ether	6.69	93	16019	1.881	ng	92
12) 1,3-Dichlorobenzene	6.91	146	17314	1.802	ng	96
13) 1,4-Dichlorobenzene	6.99	146	17101	1.760	ng	94
14) 1,2-Dichlorobenzene	7.13	146	16755	1.858	ng	93
15) Benzyl Alcohol	7.10	79	10753	1.444	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.23	45	23597	1.733	ng	70
17) 2-Methylphenol	7.20	107	11891	1.709	ng	# 79
18) Hexachloroethane	7.48	117	3151	0.886	ng	97
19) n-Nitroso-di-n-propylamine	7.36	70	9478	1.525	ng	97
20) 3+4-Methylphenols	7.20	107	11891	1.322	ng	79
22) Acetophenone	7.37	105	20737	1.961	ng	# 92
24) Nitrobenzene	7.55	77	14203	1.778	ng	96
25) Isophorone	7.78	82	25386	1.925	ng	94
26) 2-Nitrophenol	7.86	139	2780	0.731	ng	90
27) 2,4-Dimethylphenol	7.89	122	10756	1.707	ng	94
28) bis(2-Chloroethoxy)methane	7.99	93	16564	1.849	ng	96
29) 2,4-Dichlorophenol	8.10	162	9619	1.511	ng	90
30) 1,2,4-Trichlorobenzene	8.19	180	12657	1.775	ng	94
31) Naphthalene	8.27	128	42396	2.005	ng	97
32) Benzoic acid	7.89	122	10756	2.209	ng	# 10
33) 4-Chloroaniline	8.33	127	7063	0.742	ng	# 93
34) Hexachlorobutadiene	8.39	225	7206	1.820	ng	96
35) Caprolactam	8.65	113	227	0.102	ng	# 44
36) 4-Chloro-3-methylphenol	8.79	107	9991	1.451	ng	97
37) 2-Methylnaphthalene	8.96	142	26862	1.920	ng	99
38) 1-Methylnaphthalene	9.06	142	25283	1.870	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	10759	2.014	ng	95

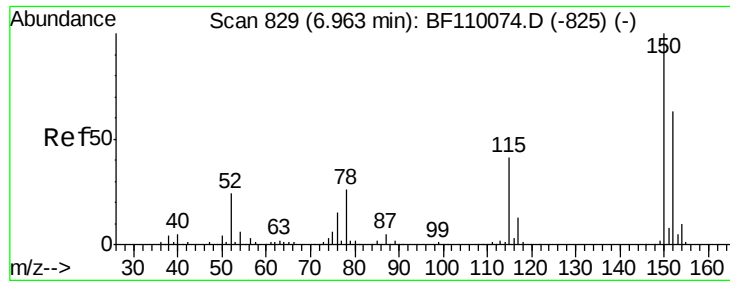
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102518\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.24	196	5685	1.650	ng	95
44) 2,4,5-Trichlorophenol	9.29	196	5859	1.608	ng	93
46) 1,1'-Biphenyl	9.43	154	31160	2.009	ng	98
47) 2-Chloronaphthalene	9.46	162	22219	1.953	ng	96
48) 2-Nitroaniline	9.55	65	5879	1.705	ng	90
49) Acenaphthylene	9.87	152	33716	2.052	ng	97
50) Dimethylphthalate	9.72	163	29756	2.351	ng	98
51) 2,6-Dinitrotoluene	9.79	165	2349	0.861	ng	91
52) Acenaphthene	10.05	154	19929	1.833	ng	99
53) 3-Nitroaniline	9.96	138	3985	1.229	ng	92
55) Dibenzofuran	10.22	168	28520	1.874	ng	94
56) 4-Nitrophenol	10.12	139	5638	2.349	ng	88
57) 2,4-Dinitrotoluene	10.19	165	2514	0.726	ng	# 81
58) Fluorene	10.56	166	22541	1.990	ng	94
59) 2,3,4,6-Tetrachlorophenol	10.33	232	3909	1.316	ng	# 91
60) Diethylphthalate	10.42	149	22953	1.857	ng	99
61) 4-Chlorophenyl-phenylether	10.55	204	10414	1.743	ng	95
62) 4-Nitroaniline	10.57	138	4177	1.295	ng	92
63) Azobenzene	10.71	77	19263	1.570	ng	96
66) n-Nitrosodiphenylamine	10.66	169	19003	2.001	ng	98
67) 4-Bromophenyl-phenylether	11.04	248	5977	1.903	ng	# 89
68) Hexachlorobenzene	11.11	284	6030	1.809	ng	93
69) Atrazine	11.19	200	5781	1.926	ng	97
70) Pentachlorophenol	11.30	266	3364	1.731	ng	95
71) Phenanthrene	11.53	178	32858	2.168	ng	100
72) Anthracene	11.58	178	32850	2.163	ng	98
73) Carbazole	11.73	167	27394	1.847	ng	99
74) Di-n-butylphthalate	12.05	149	37700	2.251	ng	100
75) Fluoranthene	12.72	202	35971	2.339	ng	96
77) Benzidine	12.86	184	140	0.015	ng	# 1
78) Pyrene	12.72	202	35971	2.283	ng	97
80) Butylbenzylphthalate	13.56	149	15992	2.339	ng	95
81) Benzo(a)anthracene	14.14	228	27784	2.132	ng	# 86
82) 3,3'-Dichlorobenzidine	14.10	252	6304	1.389	ng	# 79
83) Chrysene	14.17	228	27966	2.260	ng	94
84) Bis(2-ethylhexyl)phthalate	14.11	149	21037	2.276	ng	# 86
85) Di-n-octyl phthalate	14.73	149	31947	2.223	ng	# 61
86) Indeno(1,2,3-cd)pyrene	17.25	276	17382	1.693	ng	# 85
88) Benzo(b)fluoranthene	15.22	252	22175	2.398	ng	# 62
89) Benzo(k)fluoranthene	15.25	252	17891	1.968	ng	# 51
90) Benzo(a)pyrene	15.62	252	19003	2.233	ng	# 55
91) Dibenzo(a,h)anthracene	17.27	278	15996	2.179	ng	# 69
92) Benzo(g,h,i)perylene	17.73	276	14717	2.034	ng	# 74

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

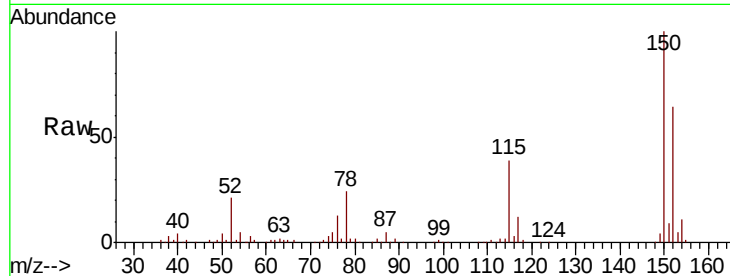


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110186.D
Acq: 26 Oct 2018 3:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	122.7	184.1
115	61.3	49.1	73.7

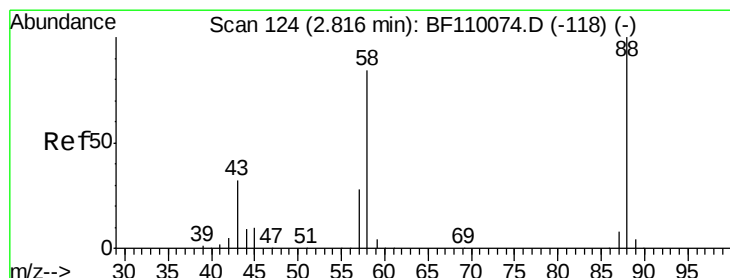
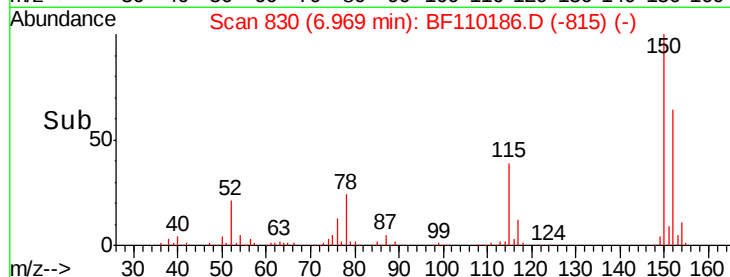
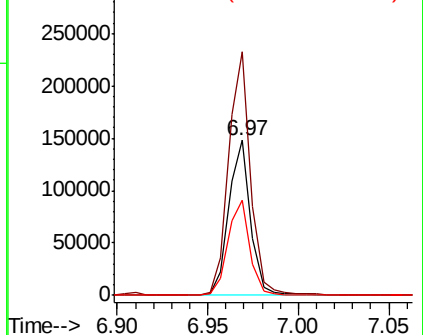


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

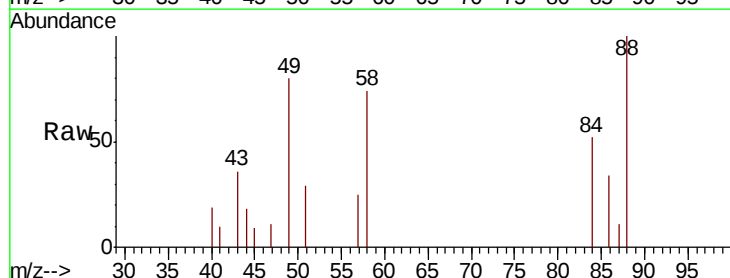
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 1.327 ng
RT: 2.81 min Scan# 123
Delta R.T. -0.04 min
Lab File: BF110186.D
Acq: 26 Oct 2018 3:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.2	57.1	85.7
43	44.8	24.1	36.1

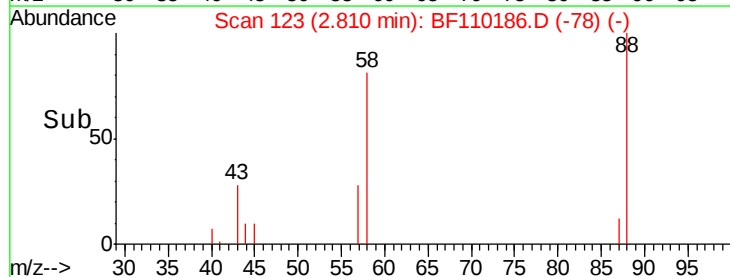
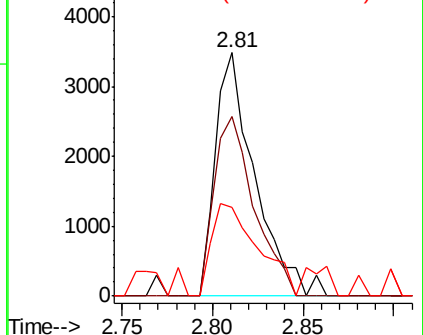


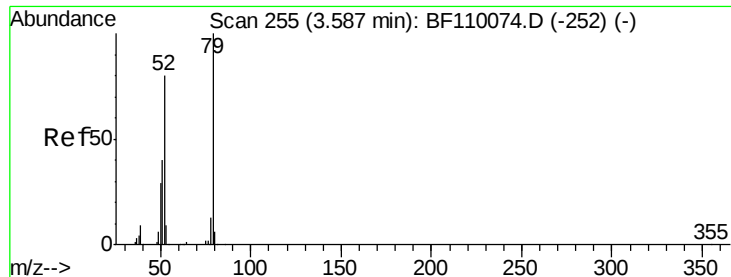
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 0.522 ng

RT: 3.69 min Scan# 272

Delta R.T. 0.07 min

Lab File: BF110186.D

Acq: 26 Oct 2018 3:02

Instrument :

BNA_F

ClientSampleId :

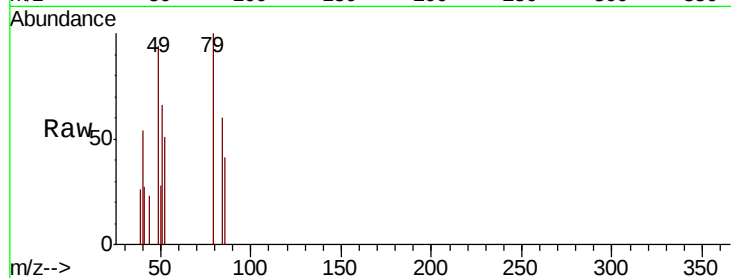
Tot Ion: 79 Resp: 4611

Ion Ratio Lower Upper

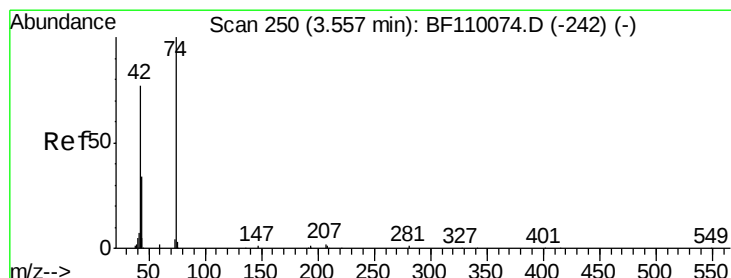
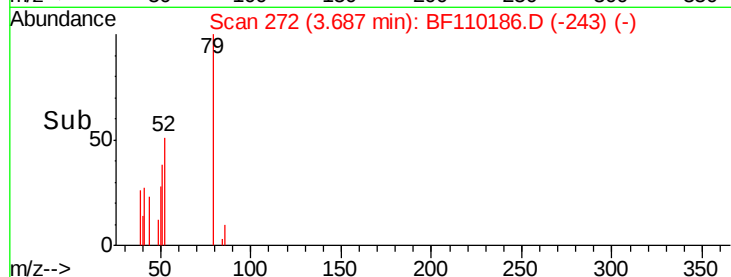
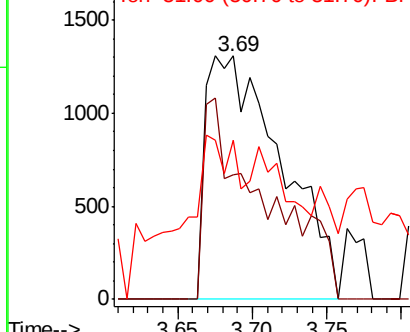
79 100

52 51.3 53.1 79.7#

51 65.6 27.4 41.2#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 1.571 ng

RT: 3.55 min Scan# 249

Delta R.T. -0.03 min

Lab File: BF110186.D

Acq: 26 Oct 2018 3:02

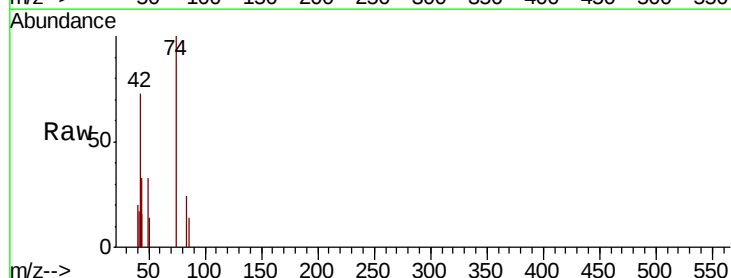
Tgt Ion: 42 Resp: 5816

Ion Ratio Lower Upper

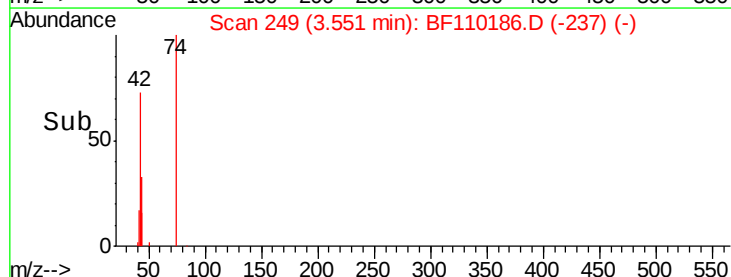
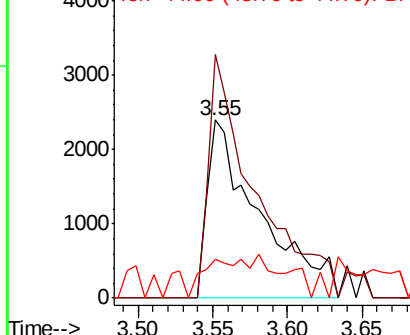
42 100

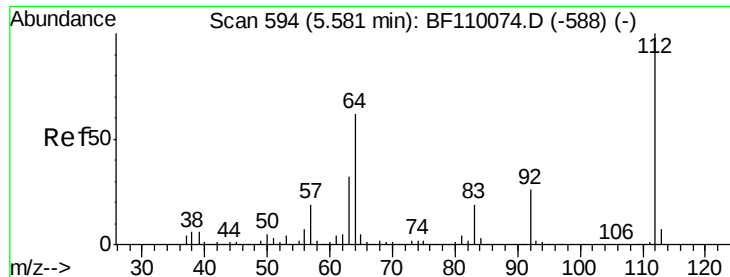
74 137.0 105.5 158.3

44 22.1 4.9 7.3#



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 5.545 ng

RT: 5.58 min Scan# 594

Delta R.T. -0.02 min

Lab File: BF110186.D

Acq: 26 Oct 2018 3:02

Instrument :

BNA_F

ClientSampled :

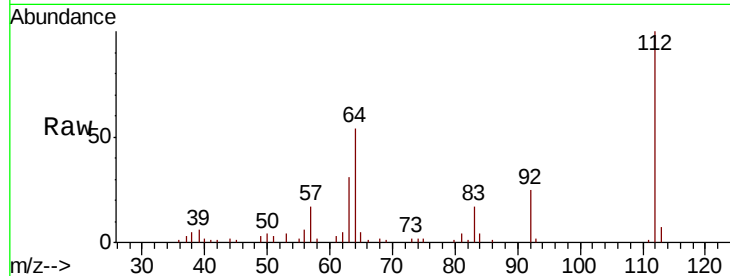
Tot Ion: 112 Resp: 41987

Ion Ratio Lower Upper

112 100

64 54.3 44.1 66.1

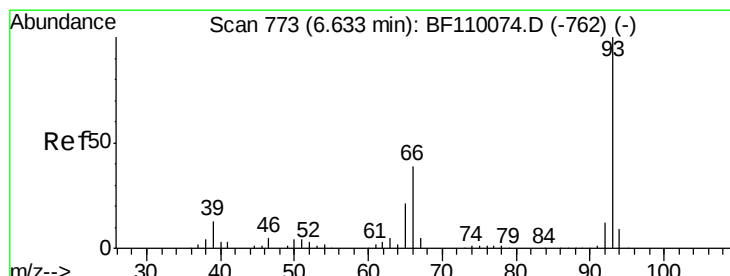
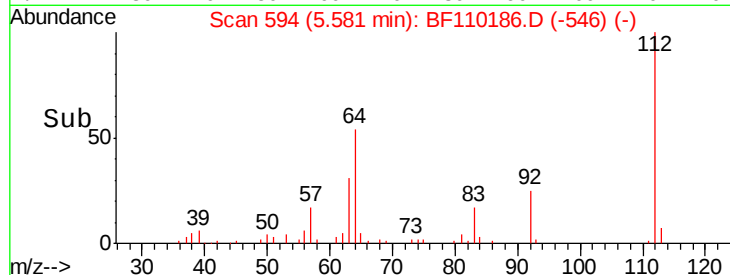
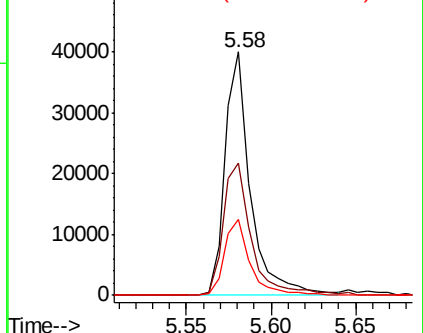
63 31.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 0.647 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.02 min

Lab File: BF110186.D

Acq: 26 Oct 2018 3:02

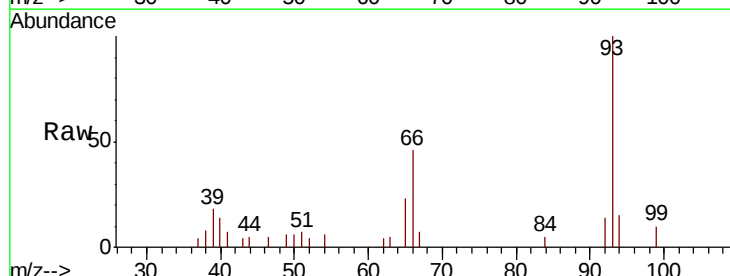
Tgt Ion: 93 Resp: 8162

Ion Ratio Lower Upper

93 100

66 45.6 67.4 101.0#

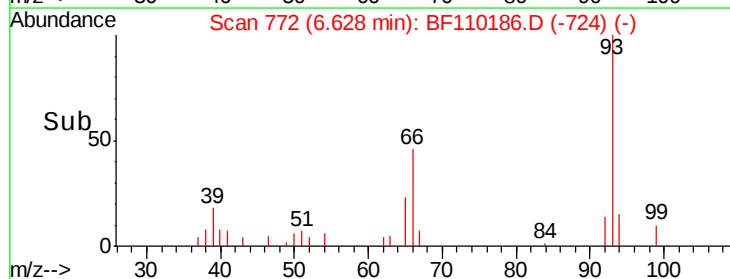
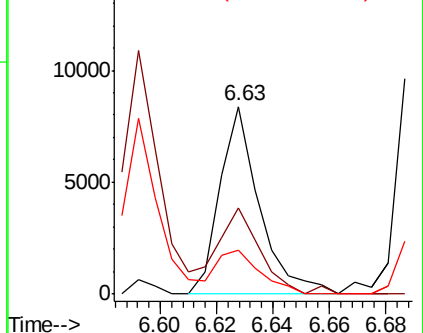
65 23.3 41.0 61.4#

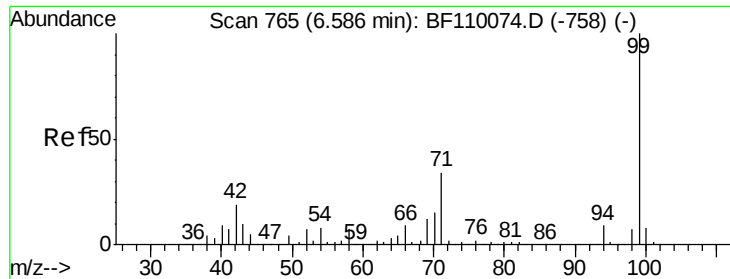


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 5.435 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF110186.D

Acq: 26 Oct 2018 3:02

Instrument :

BNA_F

ClientSampleId :

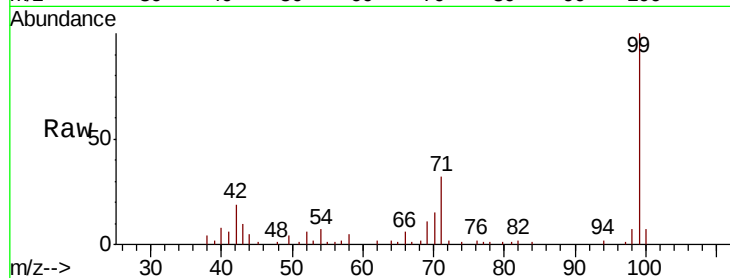
Tot Ion: 99 Resp: 52644

Ion Ratio Lower Upper

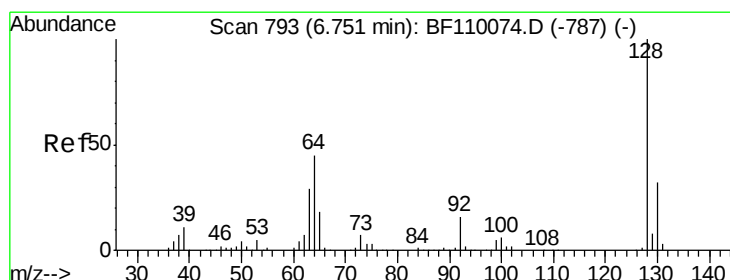
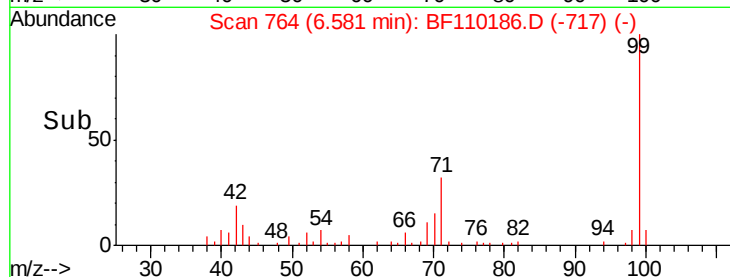
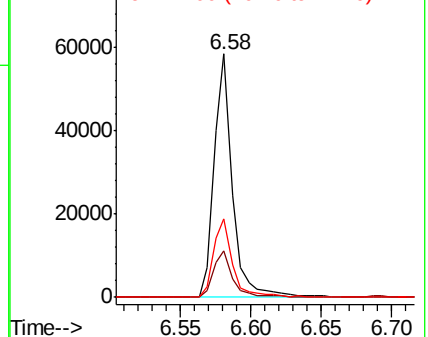
99 100

42 19.2 15.8 23.6

71 32.2 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: 1.748 ng

RT: 6.75 min Scan# 792

Delta R.T. -0.02 min

Lab File: BF110186.D

Acq: 26 Oct 2018 3:02

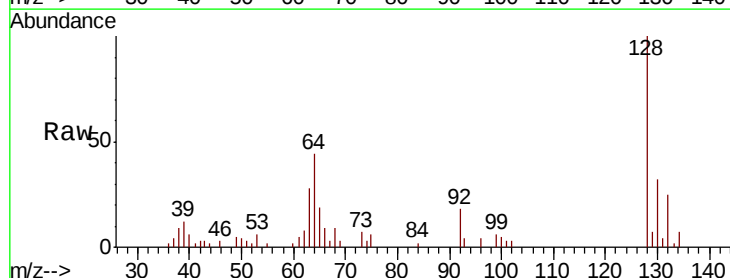
Tgt Ion: 128 Resp: 15256

Ion Ratio Lower Upper

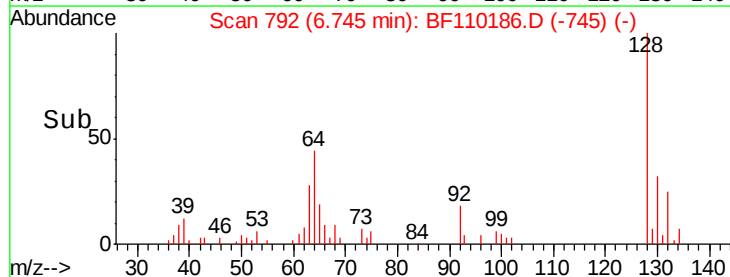
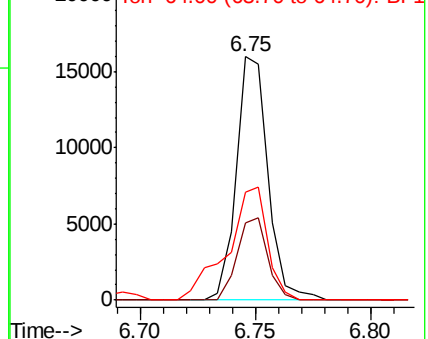
128 100

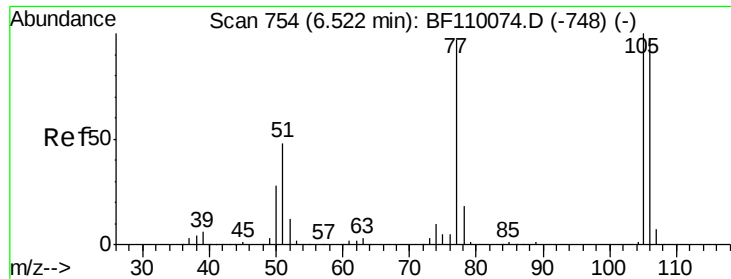
130 31.5 13.1 53.1

64 44.1 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

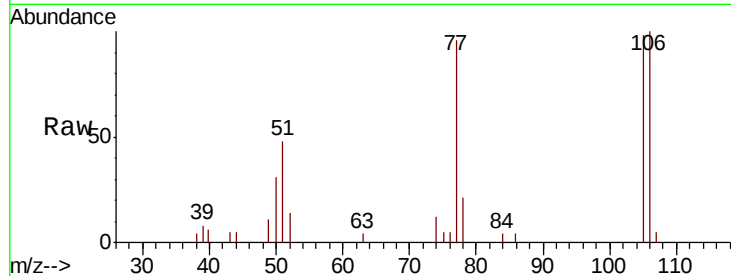




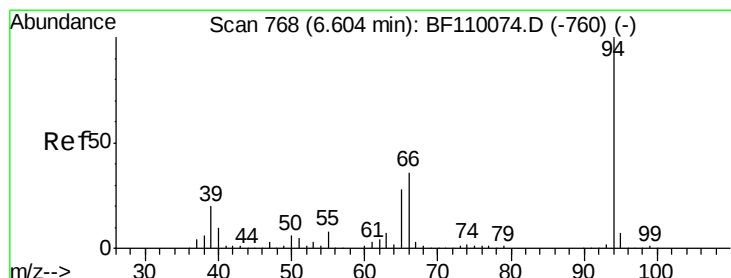
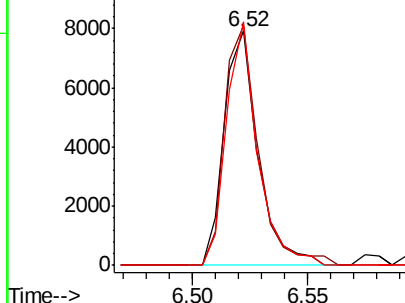
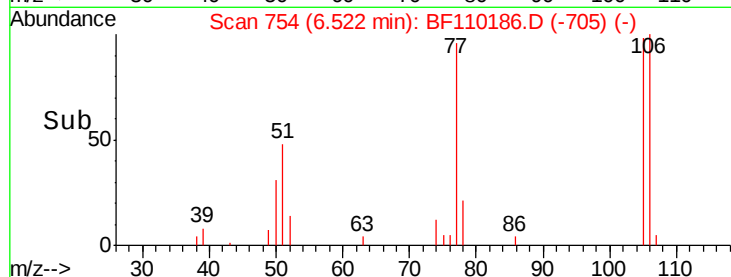
#9
Benzaldehyde
Concen: 0.388 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF110186.D
Acq: 26 Oct 2018 3:02

Instrument :
BNA_F
ClientSampled :

Tot Ion: 77 Resp: 8090
Ion Ratio Lower Upper
77 100
105 102.2 78.6 118.6
106 104.0 74.8 114.8

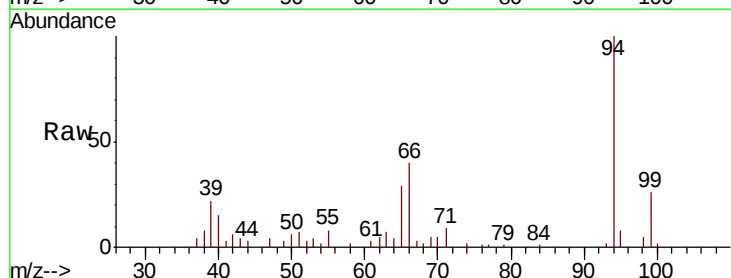


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

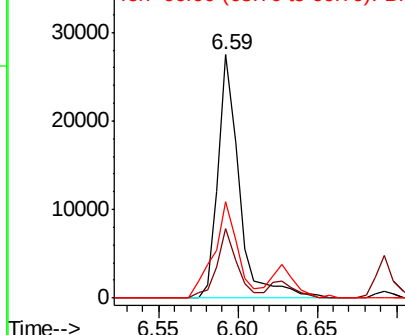
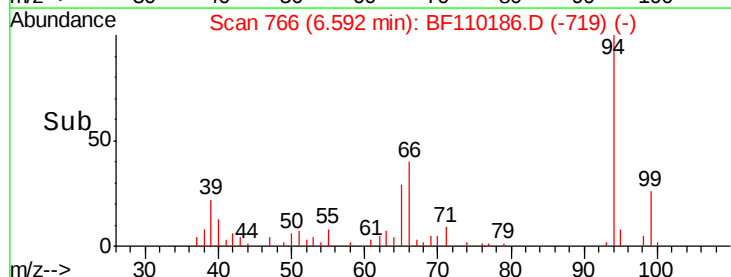


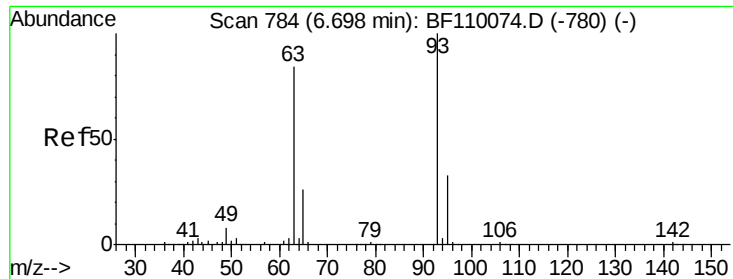
#10
Phenol
Concen: 2.480 ng
RT: 6.59 min Scan# 766
Delta R.T. -0.02 min
Lab File: BF110186.D
Acq: 26 Oct 2018 3:02

Tgt Ion: 94 Resp: 25671
Ion Ratio Lower Upper
94 100
65 28.6 25.3 65.3
66 39.6 54.5 94.5#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 1.881 ng

RT: 6.69 min Scan# 783

Delta R.T. -0.02 min

Lab File: BF110186.D

Acq: 26 Oct 2018 3:02

Instrument :

BNA_F

ClientSampled :

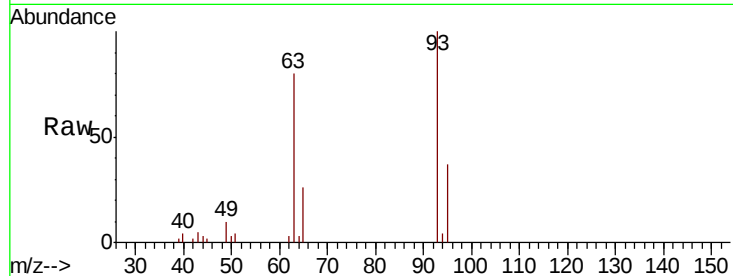
Tot Ion: 93 Resp: 16019

Ion Ratio Lower Upper

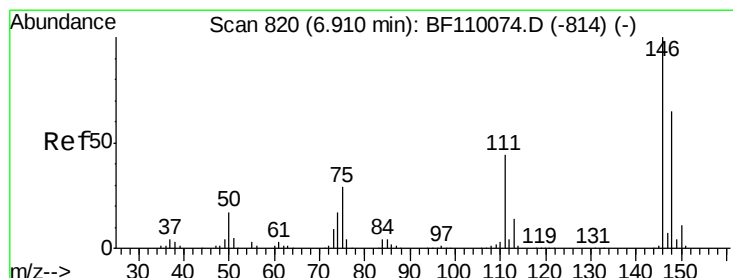
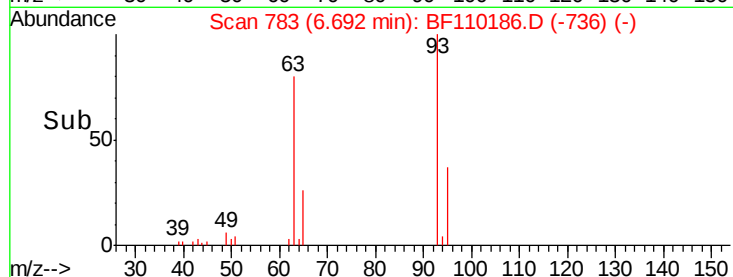
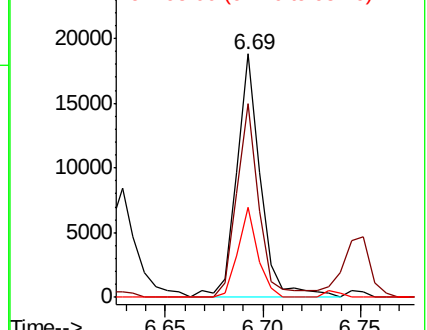
93 100

63 79.7 53.4 93.4

95 36.8 12.1 52.1



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 1.802 ng

RT: 6.91 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF110186.D

Acq: 26 Oct 2018 3:02

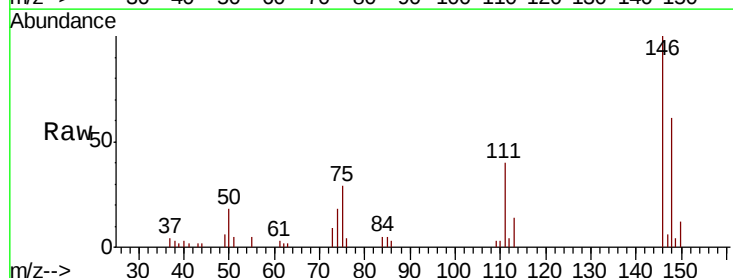
Tgt Ion: 146 Resp: 17314

Ion Ratio Lower Upper

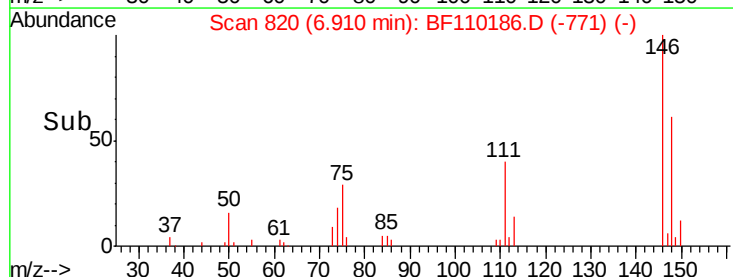
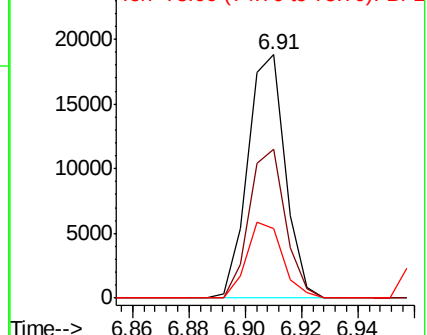
146 100

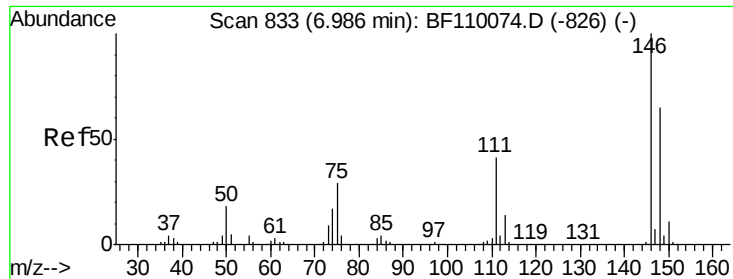
148 61.3 50.4 75.6

75 28.5 25.8 38.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 1.760 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF110186.D

Acq: 26 Oct 2018 3:02

Instrument :

BNA_F

ClientSampleId :

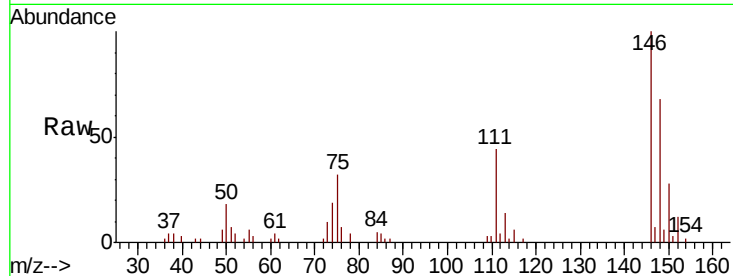
Tot Ion:146 Resp: 17101

Ion Ratio Lower Upper

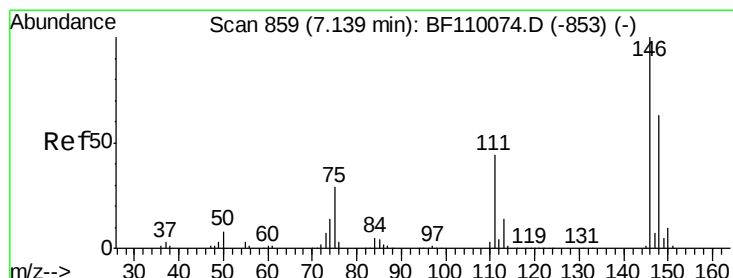
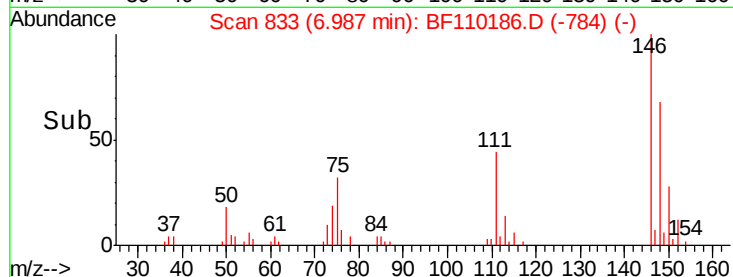
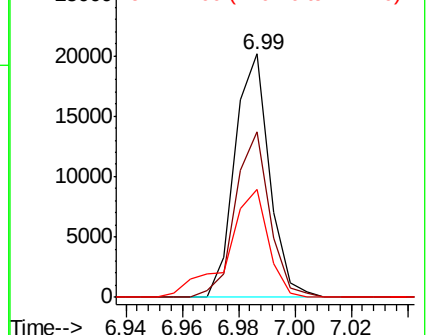
146 100

148 68.2 50.3 75.5

111 44.4 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: 1.858 ng

RT: 7.13 min Scan# 858

Delta R.T. -0.02 min

Lab File: BF110186.D

Acq: 26 Oct 2018 3:02

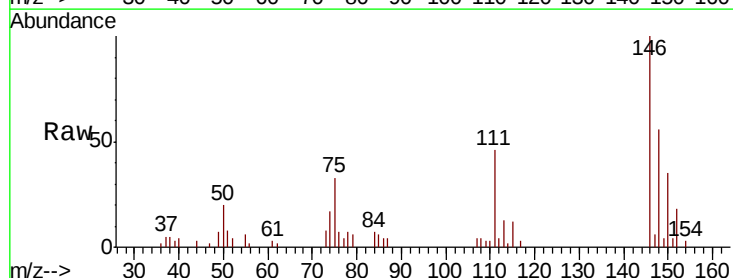
Tgt Ion:146 Resp: 16755

Ion Ratio Lower Upper

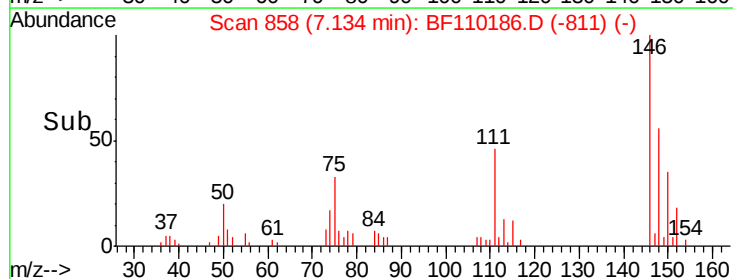
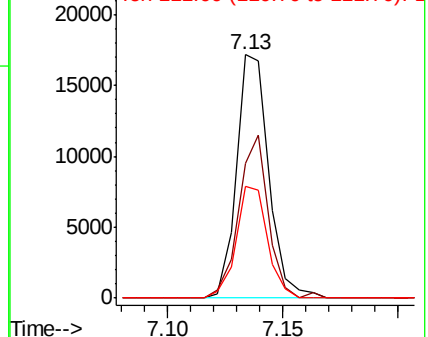
146 100

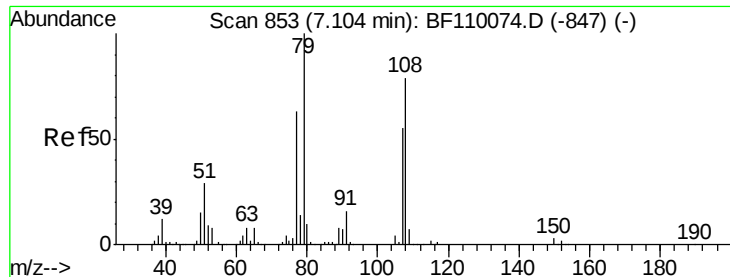
148 55.6 51.1 76.7

111 45.7 35.8 53.6



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





#15

Benzyl Alcohol

Concen: 1.444 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.02 min

Lab File: BF110186.D

Acq: 26 Oct 2018 3:02

Instrument :

BNA_F

ClientSampled :

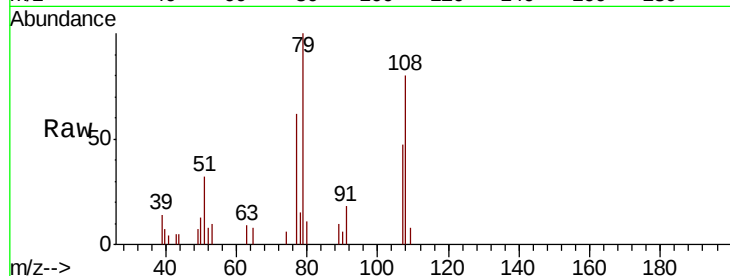
Tot Ion: 79 Resp: 10753

Ion Ratio Lower Upper

79 100

108 79.5 56.3 84.5

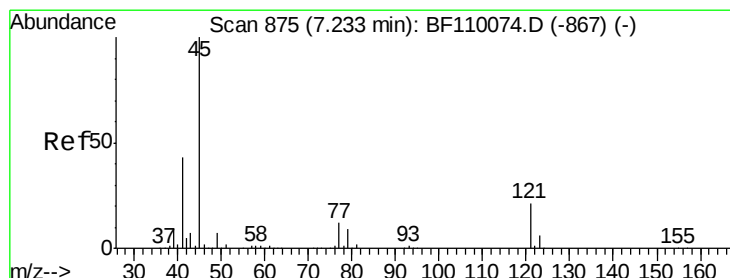
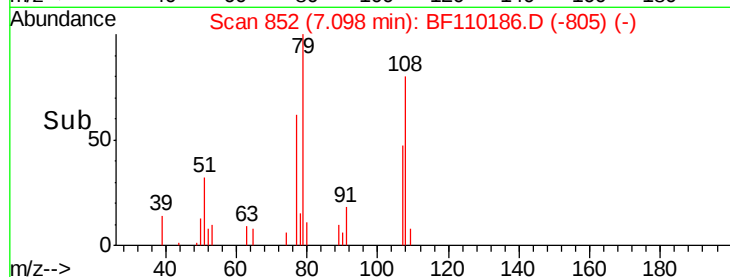
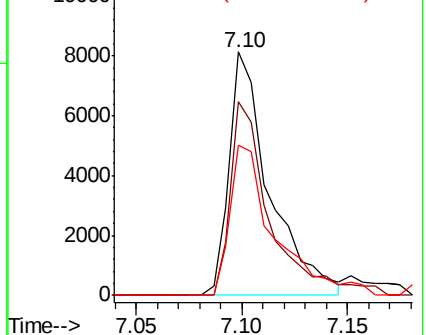
77 61.9 52.9 79.3



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: 1.733 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.02 min

Lab File: BF110186.D

Acq: 26 Oct 2018 3:02

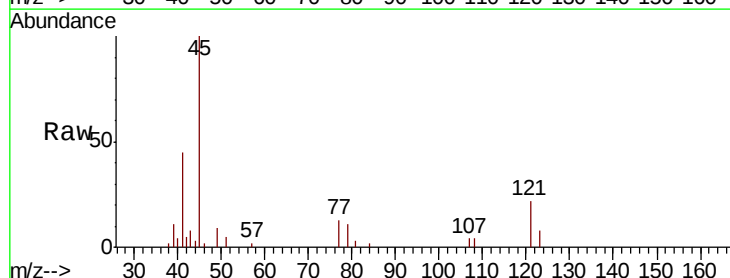
Tgt Ion: 45 Resp: 23597

Ion Ratio Lower Upper

45 100

77 13.2 10.0 50.0

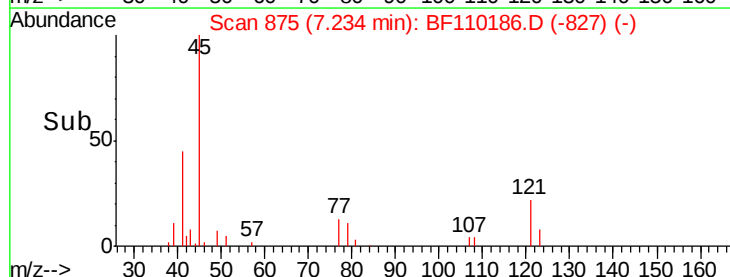
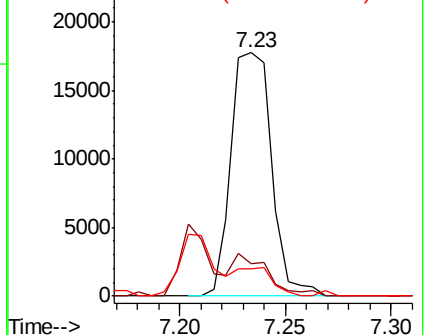
79 11.2 6.1 46.1

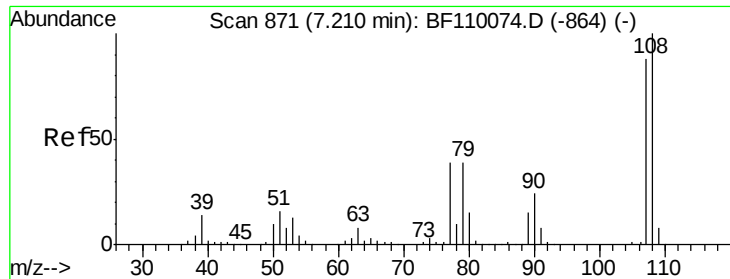


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

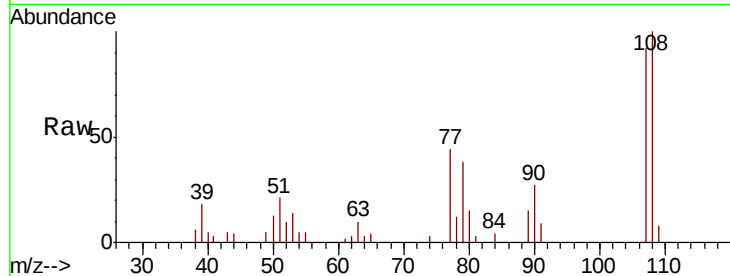




#17
2-Methylphenol
Concen: 1.709 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.02 min
Lab File: BF110186.D
Acq: 26 Oct 2018 3:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	108.6	92.6	138.8
77	47.3	59.4	89.2
79	40.8	54.0	81.0



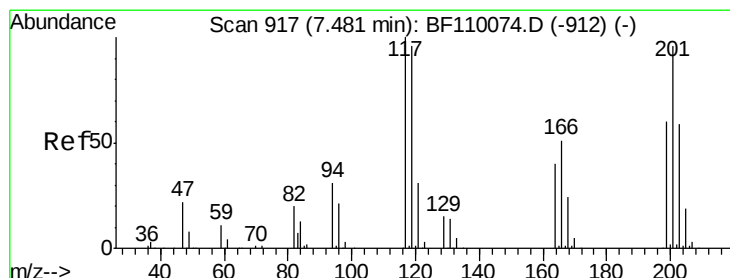
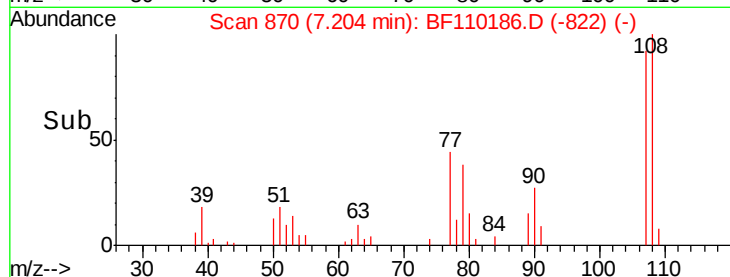
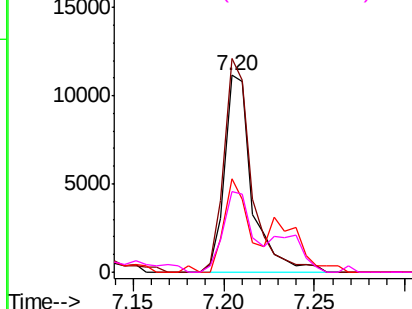
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

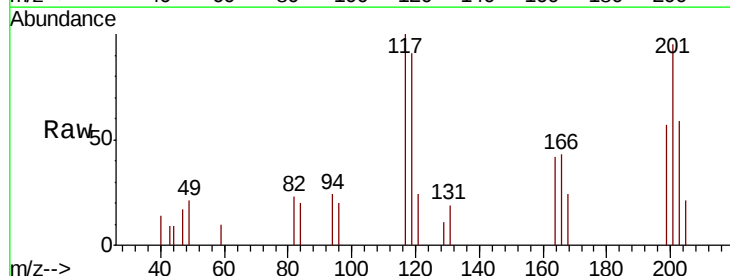
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 0.886 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.02 min
Lab File: BF110186.D
Acq: 26 Oct 2018 3:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.5	75.0	112.6
201	95.1	79.2	118.8

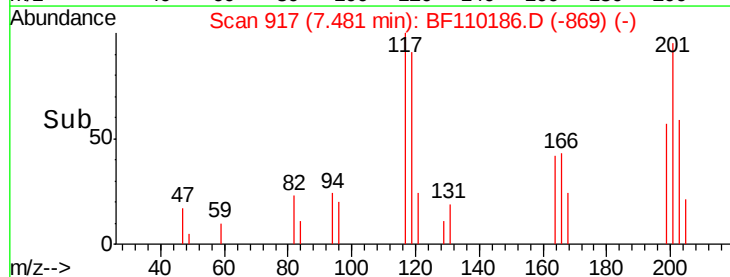
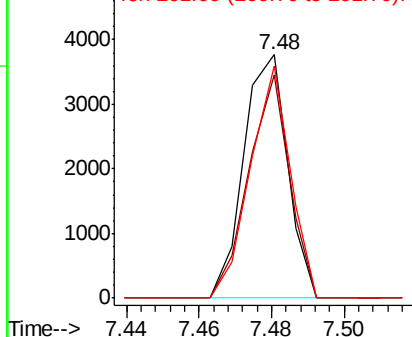


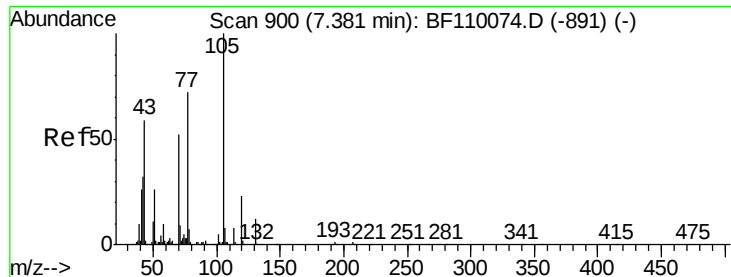
Abundance

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

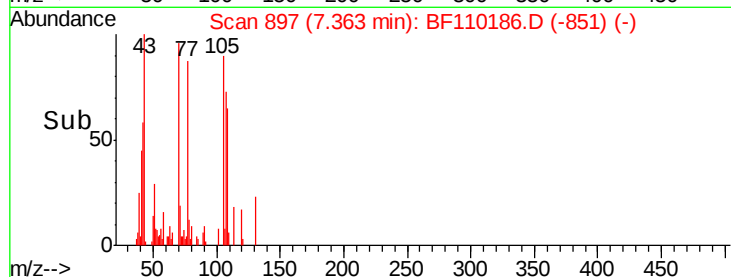
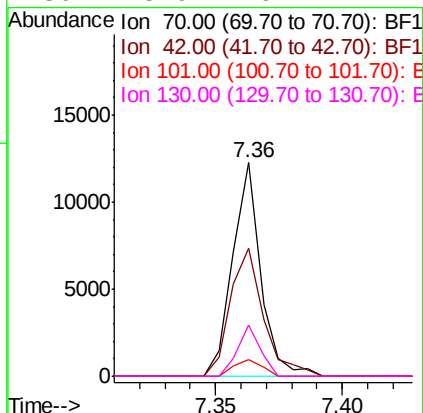
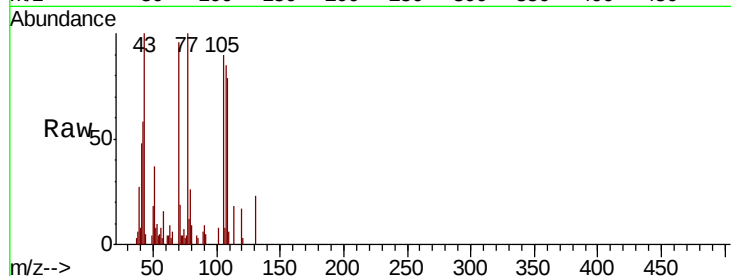




#19
n-Nitroso-di-n-propylamine
Concen: 1.525 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.03 min
Lab File: BF110186.D
Acq: 26 Oct 2018 3:02

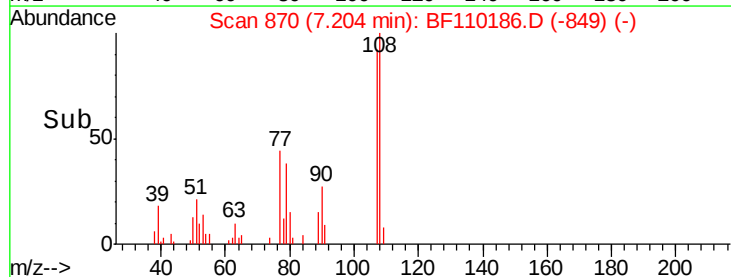
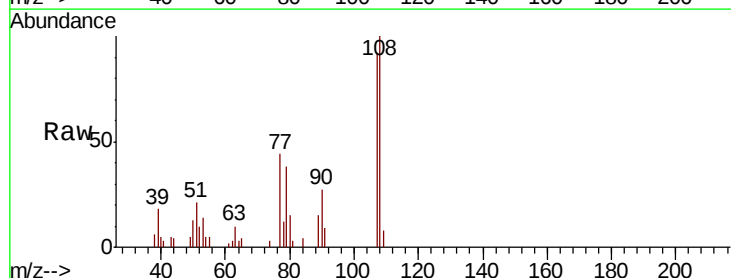
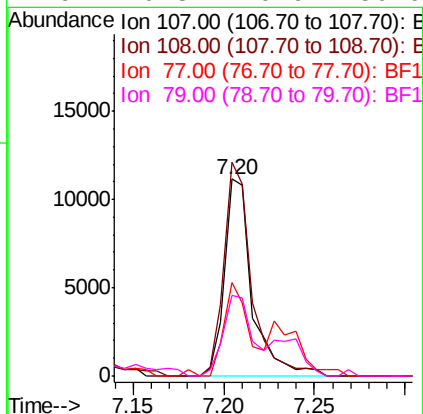
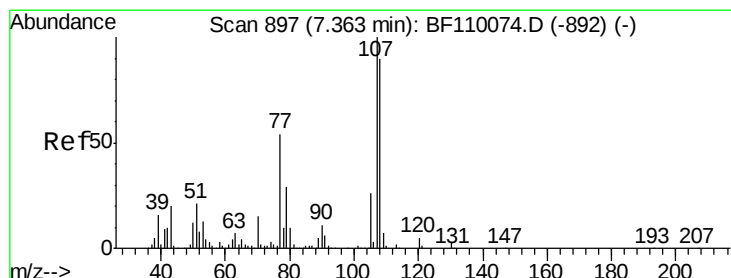
Instrument :
BNA_F
ClientSampleId :

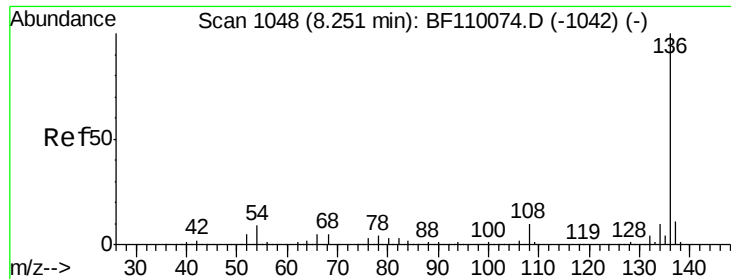
Tot Ion: 70 Resp: 9478
Ion Ratio Lower Upper
70 100
42 59.9 47.4 71.2
101 8.0 7.3 10.9
130 23.9 16.2 24.2



#20
3+4-Methylphenols
Concen: 1.322 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.18 min
Lab File: BF110186.D
Acq: 26 Oct 2018 3:02

Tgt Ion: 107 Resp: 11891
Ion Ratio Lower Upper
107 100
108 108.6 71.4 111.4
77 47.3 47.3 87.3
79 40.8 10.9 50.9

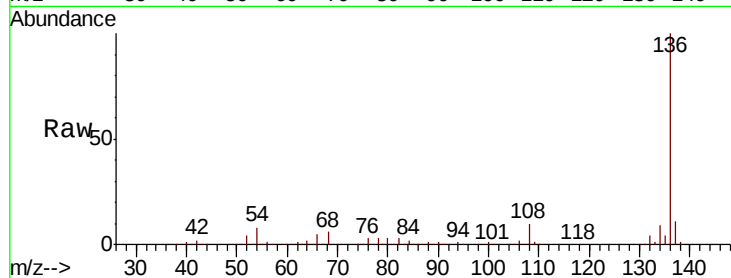




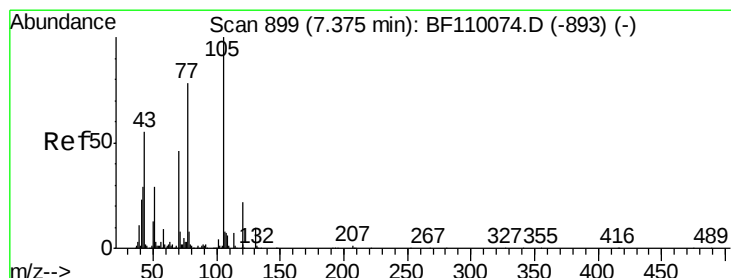
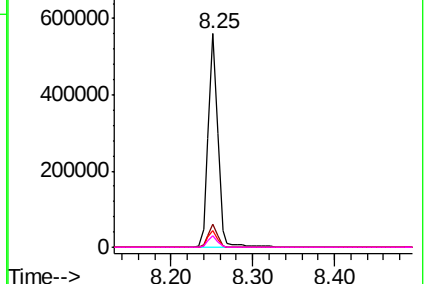
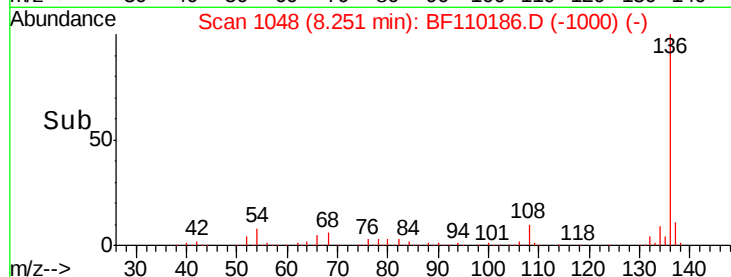
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110186.D
Acq: 26 Oct 2018 3:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	458817
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.8 13.2
54	7.8	5.4 8.2
68	5.6	4.2 6.2

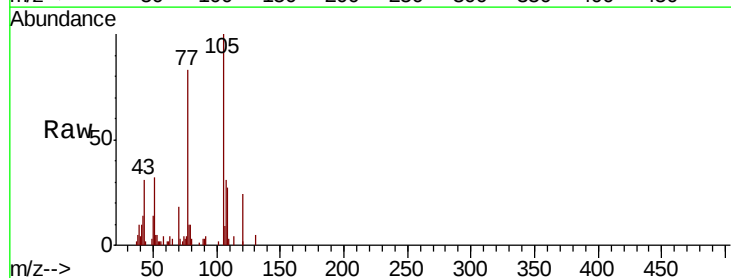


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

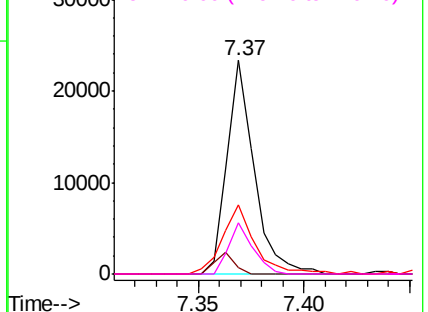
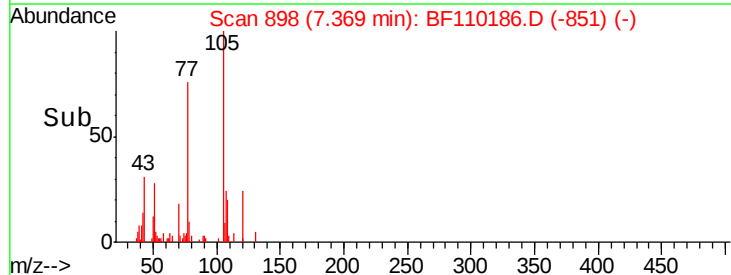


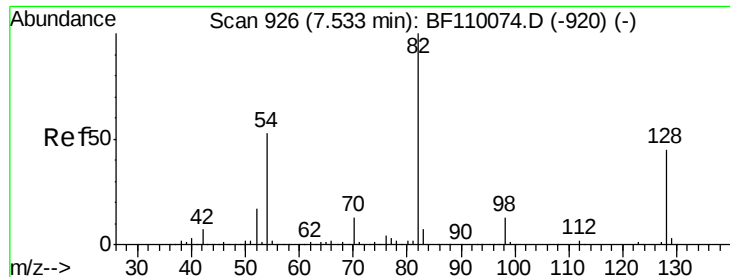
#22
Acetophenone
Concen: 1.961 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.02 min
Lab File: BF110186.D
Acq: 26 Oct 2018 3:02

Tgt Ion:105	Resp:	20737
Ion Ratio	Lower	Upper
105	100	
71	3.0	5.2 7.8#
51	32.2	21.8 32.8
120	24.0	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

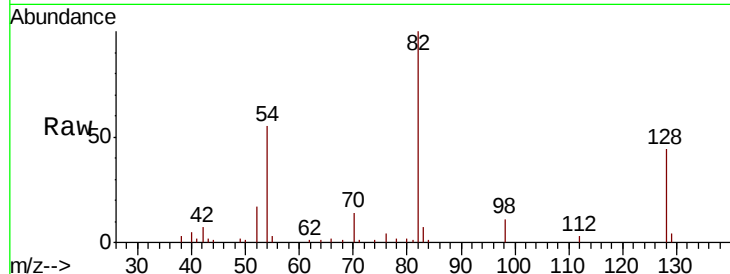




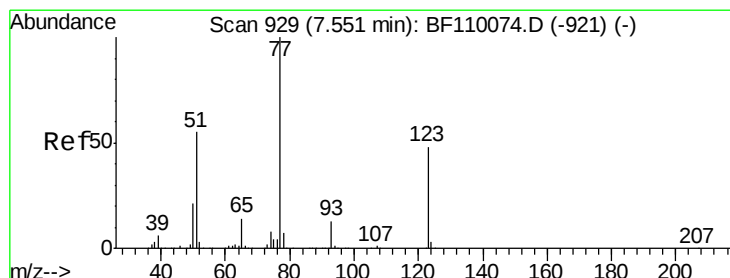
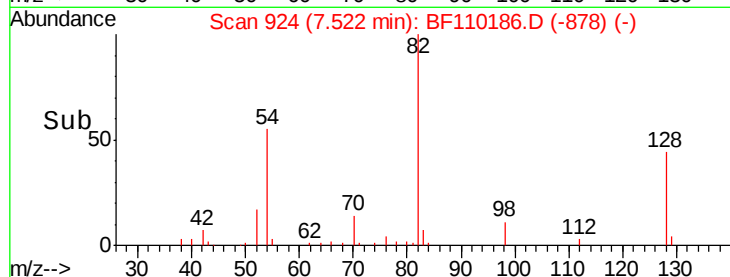
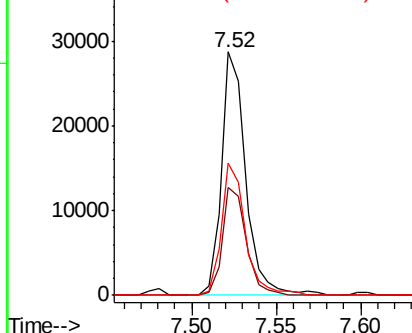
#23
Nitrobenzene-d5
Concen: 3.716 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.03 min
Lab File: BF110186.D
Acq: 26 Oct 2018 3:02

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	28743
Ion Ratio	Lower	Upper	
82	100		
128	44.1	34.2	51.2
54	54.6	38.6	58.0

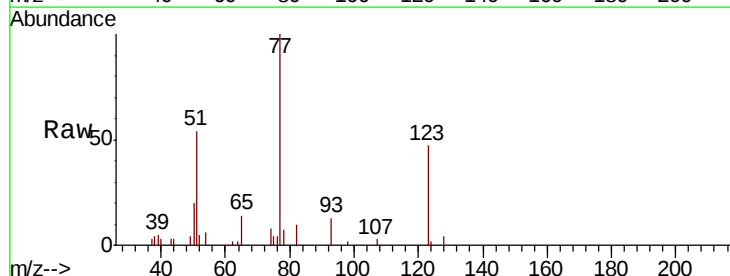


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

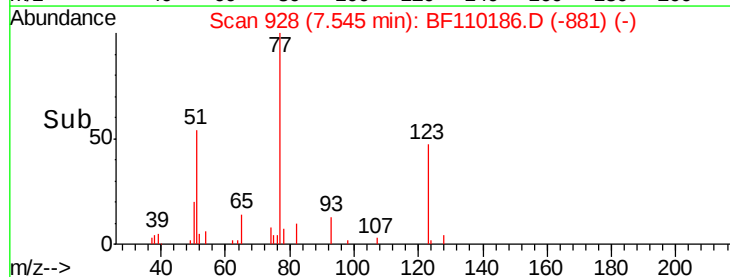
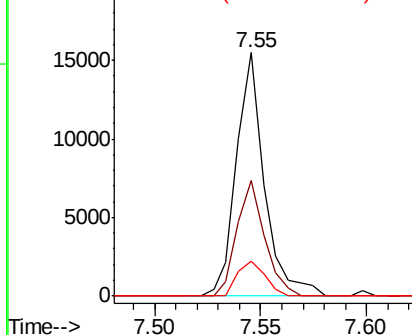


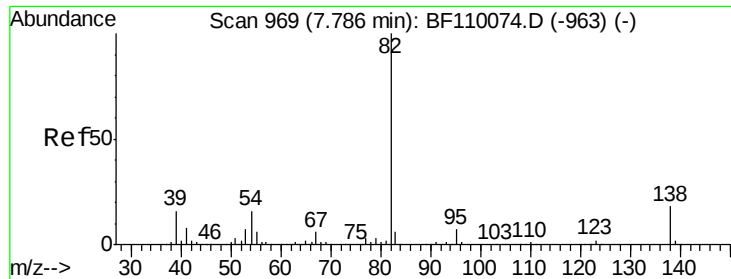
#24
Nitrobenzene
Concen: 1.778 ng
RT: 7.55 min Scan# 928
Delta R.T. -0.02 min
Lab File: BF110186.D
Acq: 26 Oct 2018 3:02

Tgt Ion	77	Resp	14203
Ion Ratio	Lower	Upper	
77	100		
123	47.3	35.7	53.5
65	14.4	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: 1.925 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.02 min

Lab File: BF110186.D

Acq: 26 Oct 2018 3:02

Instrument :

BNA_F

ClientSampleId :

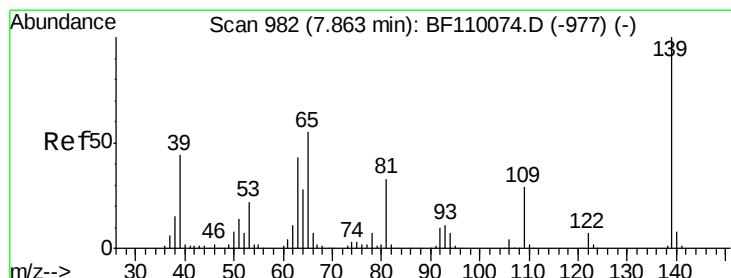
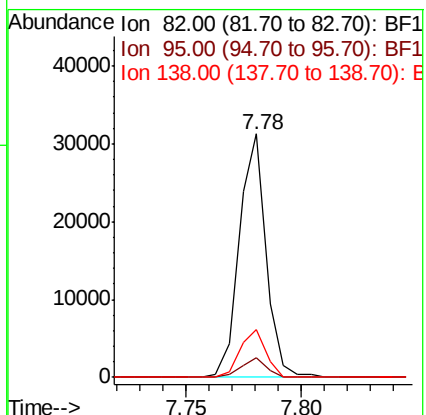
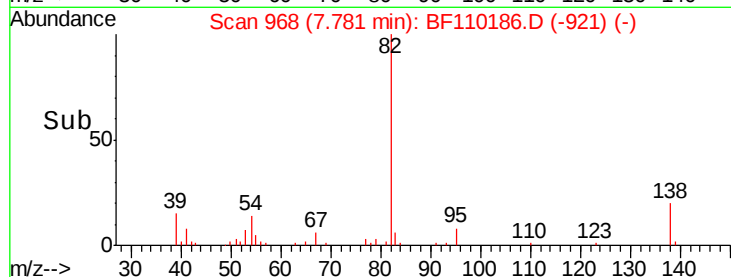
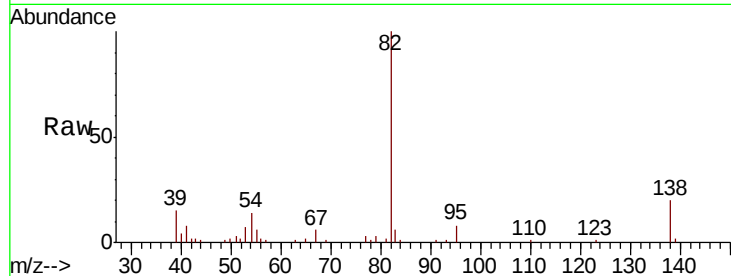
Tot Ion: 82 Resp: 25386

Ion Ratio Lower Upper

82 100

95 7.8 5.7 8.5

138 19.6 13.2 19.8



#26

2-Nitrophenol

Concen: 0.731 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.02 min

Lab File: BF110186.D

Acq: 26 Oct 2018 3:02

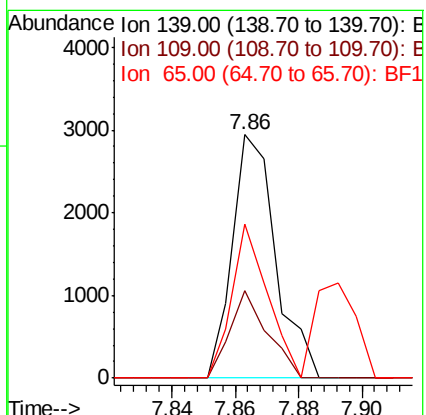
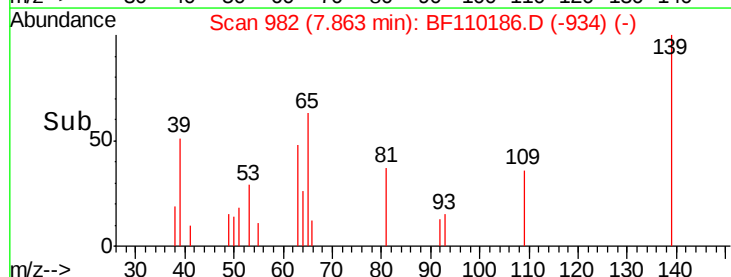
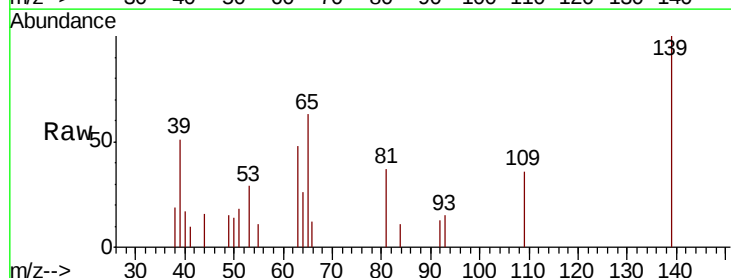
Tgt Ion: 139 Resp: 2780

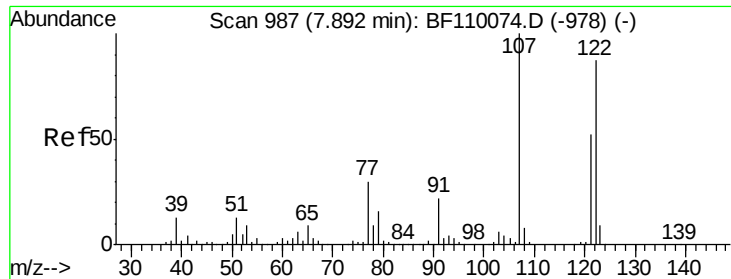
Ion Ratio Lower Upper

139 100

109 36.0 25.0 37.6

65 63.2 44.0 66.0

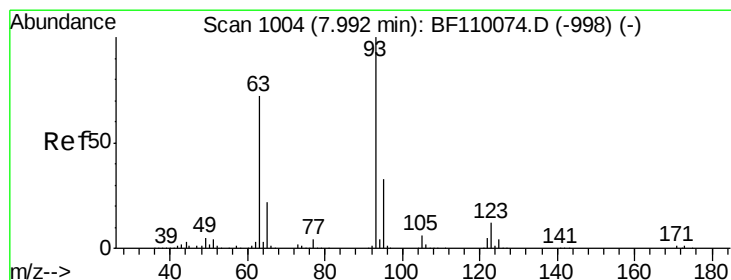
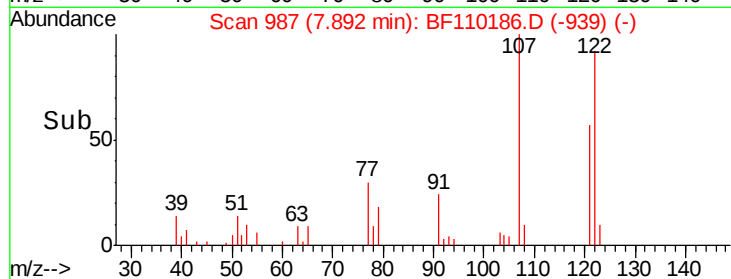
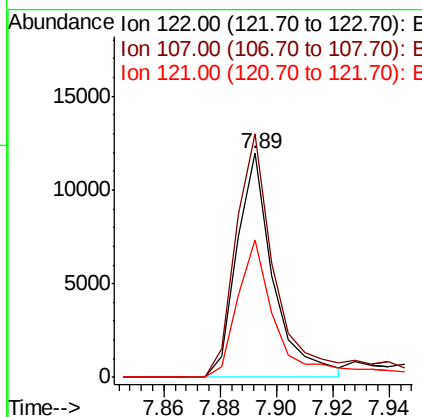
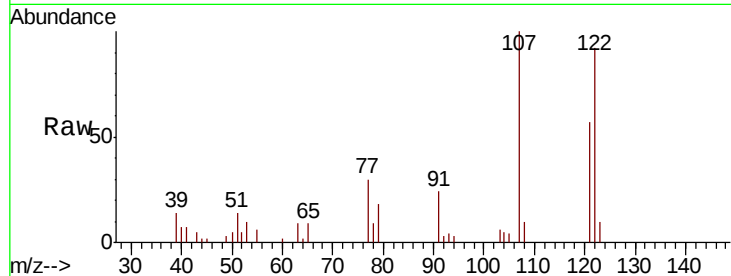




#27
 2,4-Dimethylphenol
 Concen: 1.707 ng
 RT: 7.89 min Scan# 987
 Delta R.T. -0.02 min
 Lab File: BF110186.D
 Acq: 26 Oct 2018 3:02

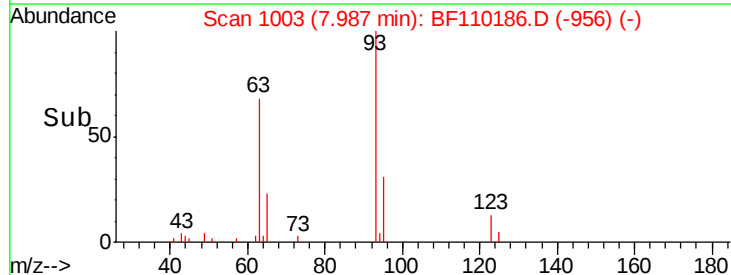
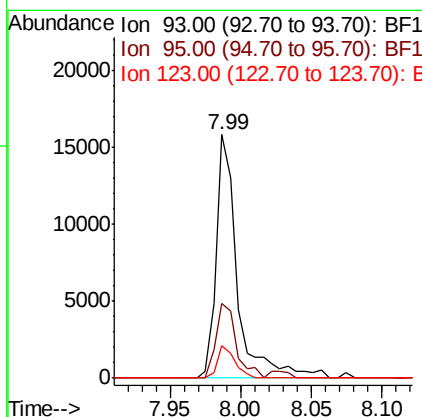
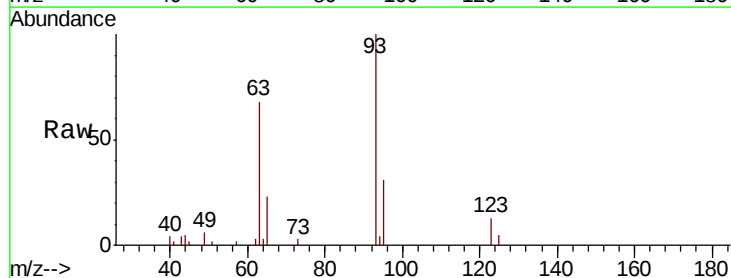
Instrument :
 BNA_F
 ClientSampleId :

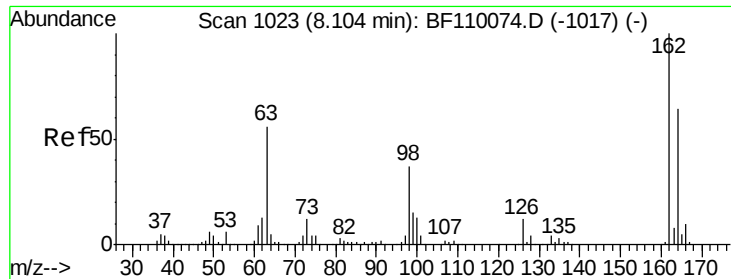
Tot Ion	Ratio	Lower	Upper
122	100		
107	108.5	92.5	138.7
121	61.5	45.8	68.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 1.849 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. -0.02 min
 Lab File: BF110186.D
 Acq: 26 Oct 2018 3:02

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.7	26.4	39.6
123	13.4	9.0	13.6

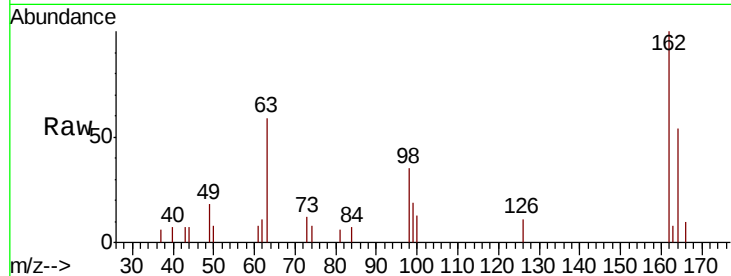




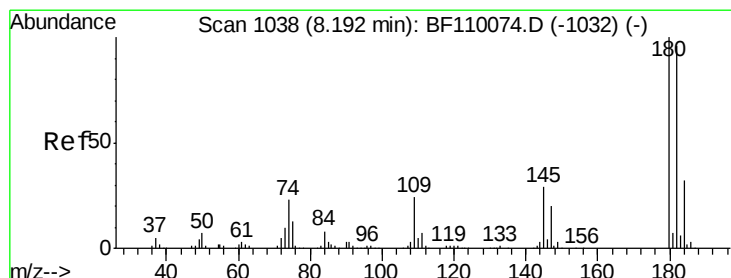
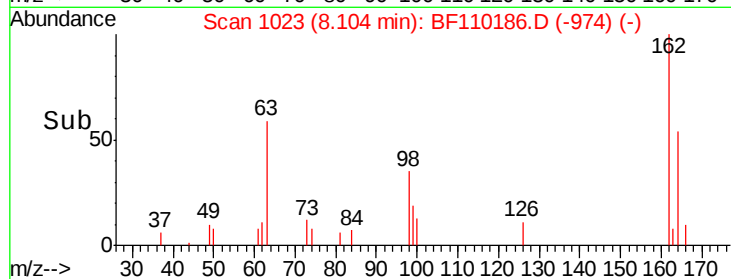
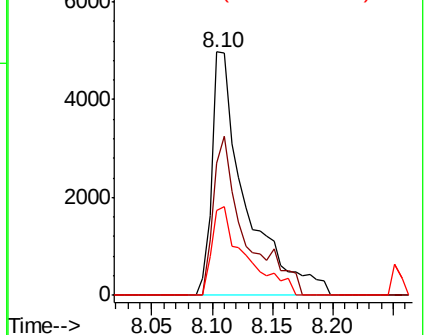
#29
2,4-Dichlorophenol
Concen: 1.511 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF110186.D
Acq: 26 Oct 2018 3:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	54.1	44.6	84.6
98	34.6	17.4	57.4

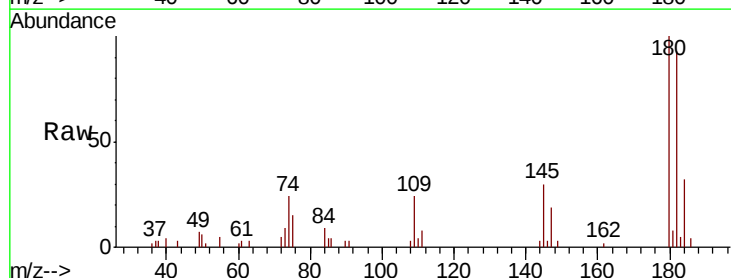


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

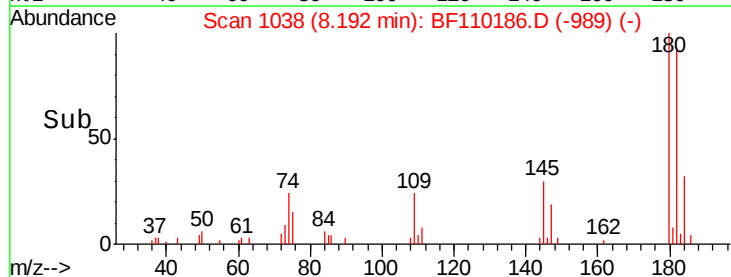
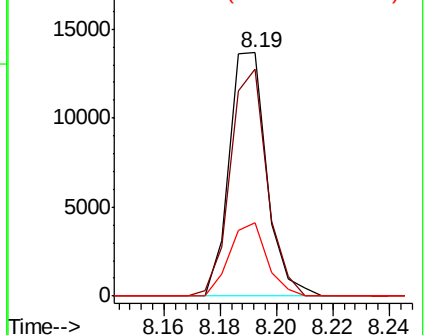


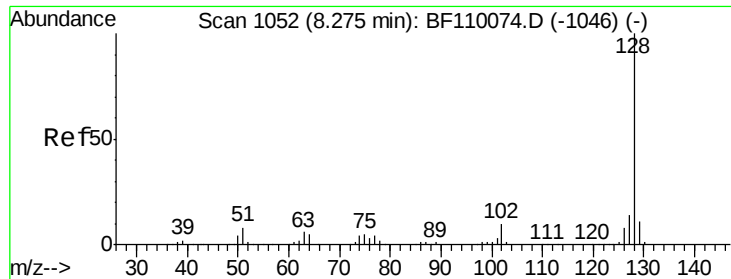
#30
1,2,4-Trichlorobenzene
Concen: 1.775 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF110186.D
Acq: 26 Oct 2018 3:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.1	80.3	120.5
145	30.0	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

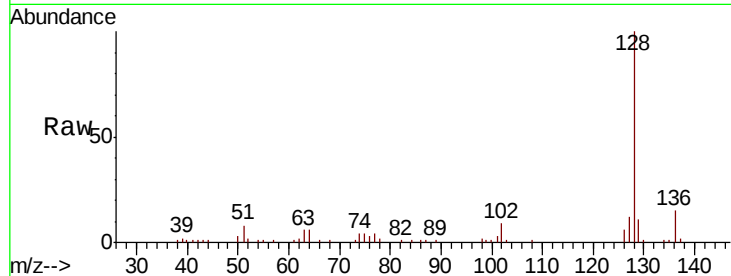




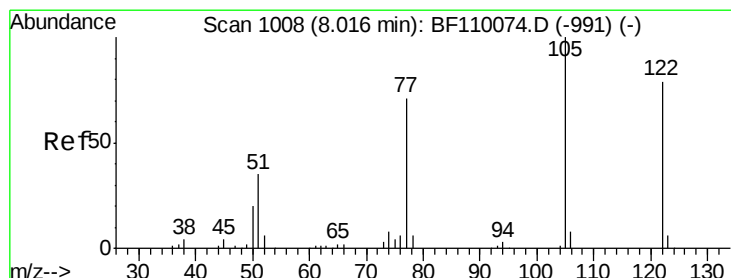
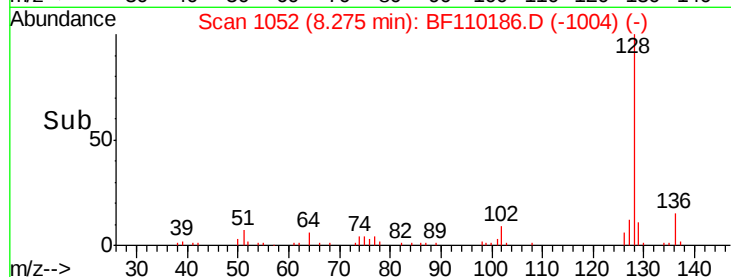
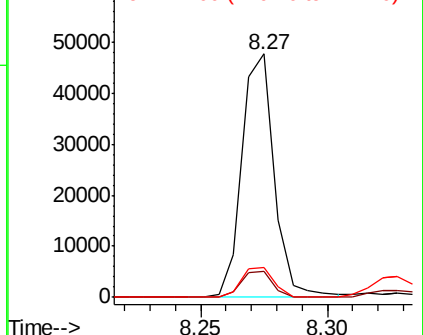
#31
Naphthalene
Concen: 2.005 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.02 min
Lab File: BF110186.D
Acq: 26 Oct 2018 3:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 42396
Ion Ratio Lower Upper
128 100
129 10.6 8.8 13.2
127 12.1 10.8 16.2

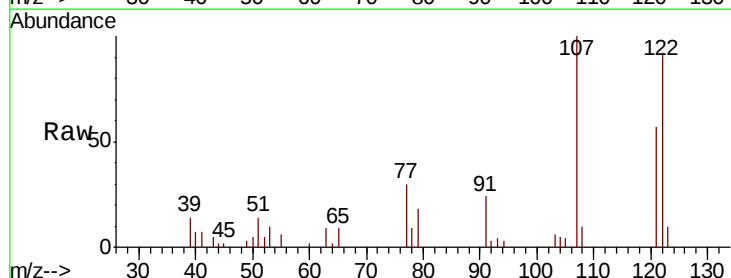


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

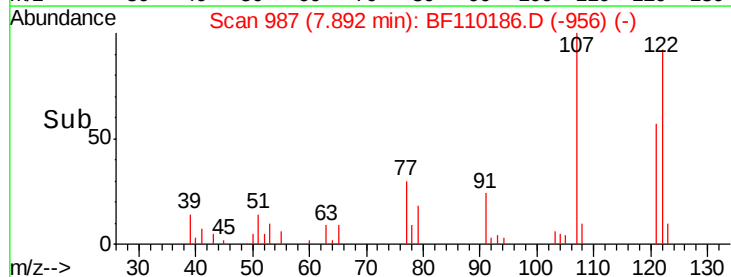
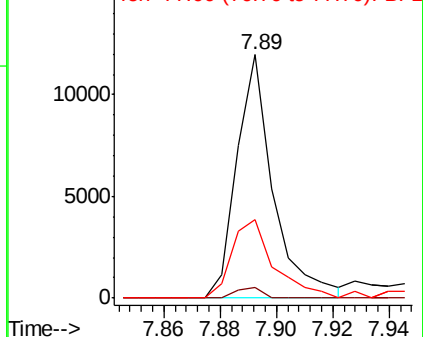


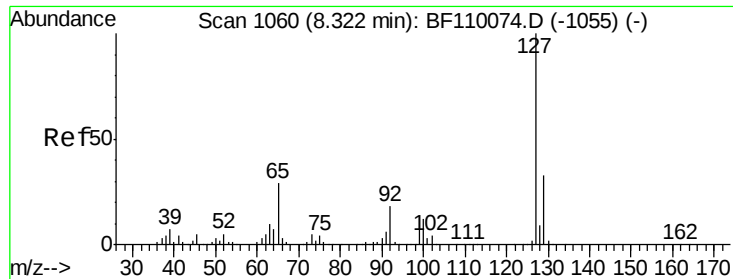
#32
Benzoic acid
Concen: 2.209 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.12 min
Lab File: BF110186.D
Acq: 26 Oct 2018 3:02

Tgt Ion:122 Resp: 10756
Ion Ratio Lower Upper
122 100
105 4.6 109.0 149.0#
77 32.3 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

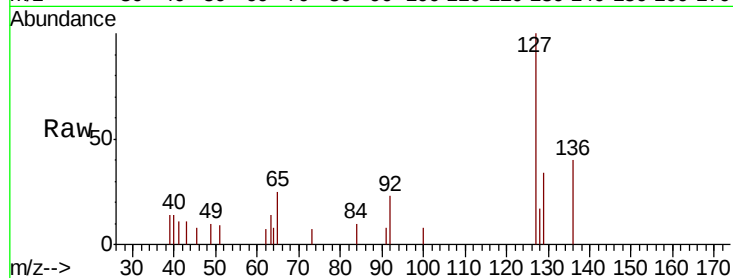




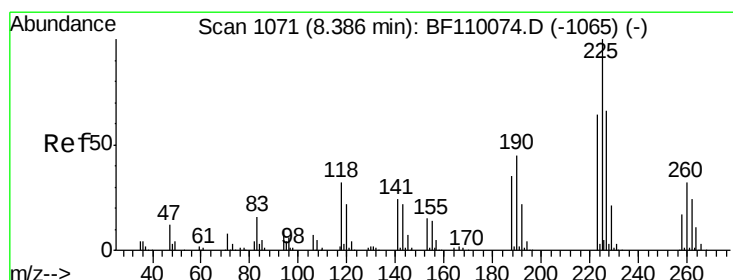
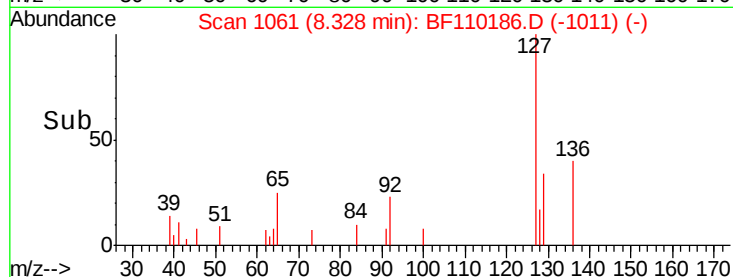
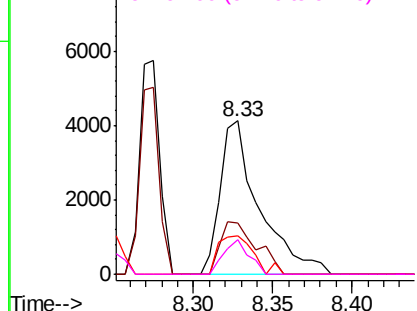
#33
4-Chloroaniline
Concen: 0.742 ng
RT: 8.33 min Scan# 1061
Delta R.T. -0.01 min
Lab File: BF110186.D
Acq: 26 Oct 2018 3:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	7063
Ion	Ratio	Lower	Upper
127	100		
129	33.7	26.0	39.0
65	25.1	25.1	37.7
92	22.8	15.0	22.6#

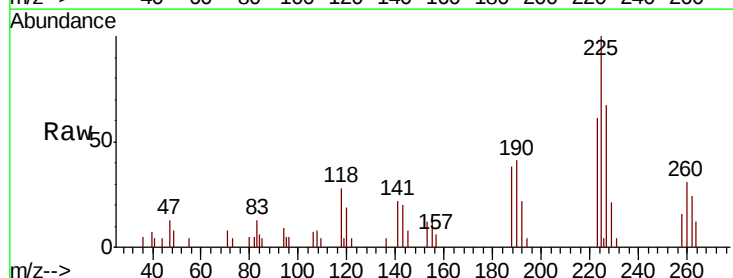


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

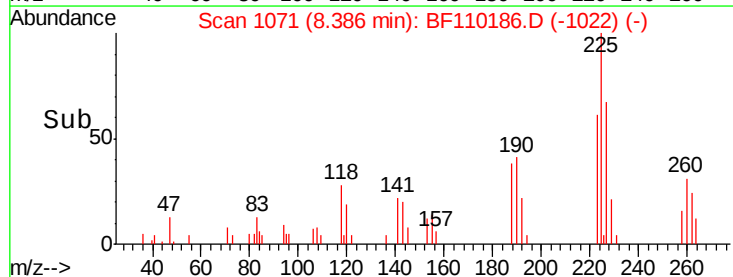
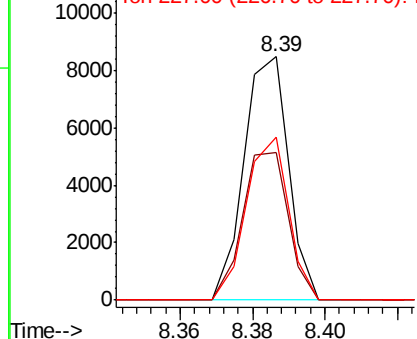


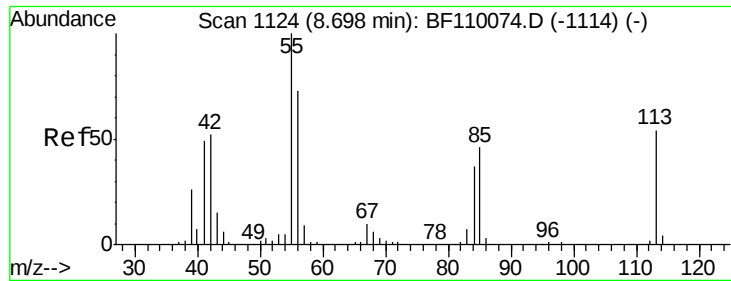
#34
Hexachlorobutadiene
Concen: 1.820 ng
RT: 8.39 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BF110186.D
Acq: 26 Oct 2018 3:02

Tgt Ion:	225	Resp:	7206
Ion	Ratio	Lower	Upper
225	100		
223	60.7	51.4	77.2
227	66.8	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

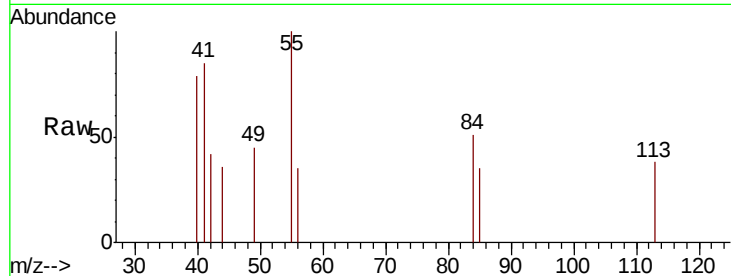




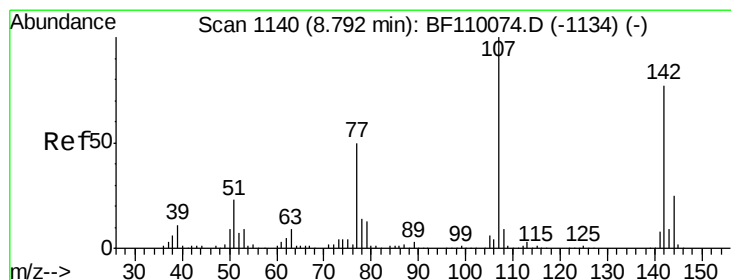
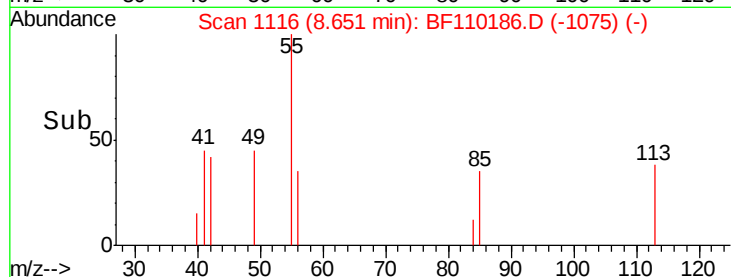
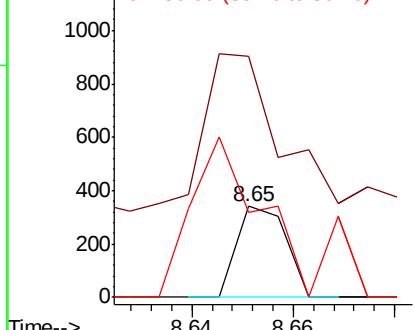
#35
 Caprolactam
 Concen: 0.102 ng
 RT: 8.65 min Scan# 1116
 Delta R.T. -0.06 min
 Lab File: BF110186.D
 Acq: 26 Oct 2018 3:02

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 227
 Ion Ratio Lower Upper
 113 100
 55 265.6 142.8 182.8#
 56 93.2 105.0 145.0#

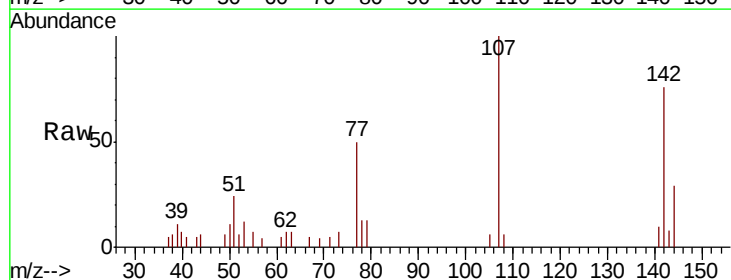


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

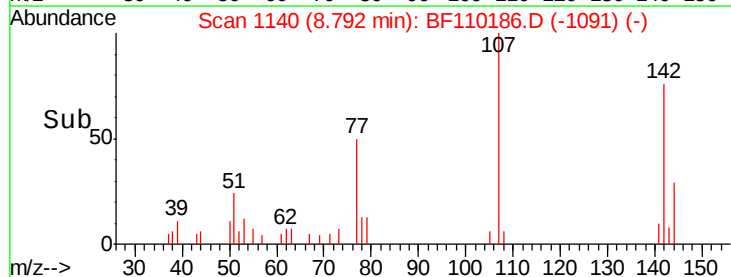
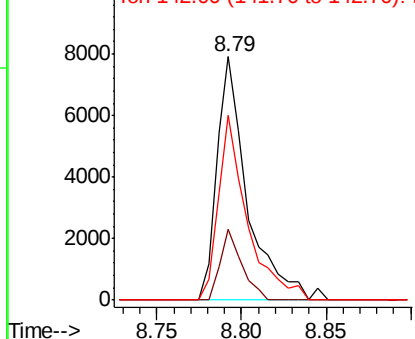


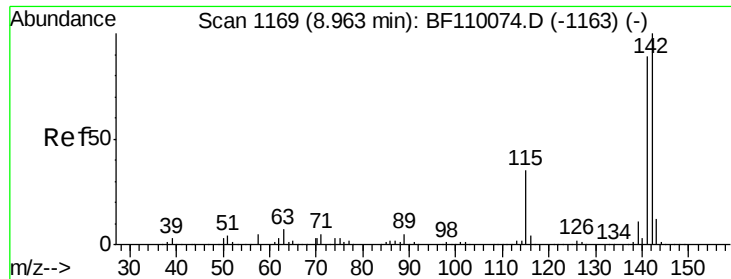
#36
 4-Chloro-3-methylphenol
 Concen: 1.451 ng
 RT: 8.79 min Scan# 1140
 Delta R.T. -0.01 min
 Lab File: BF110186.D
 Acq: 26 Oct 2018 3:02

Tgt Ion:107 Resp: 9991
 Ion Ratio Lower Upper
 107 100
 144 29.0 20.0 30.0
 142 76.0 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

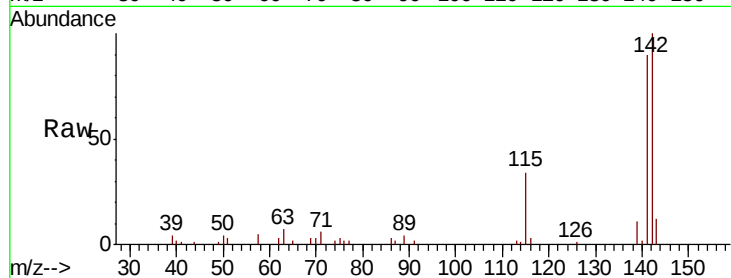




#37
2-Methylnaphthalene
Concen: 1.920 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.02 min
Lab File: BF110186.D
Acq: 26 Oct 2018 3:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.4	107.2
115	34.4	28.7	43.1

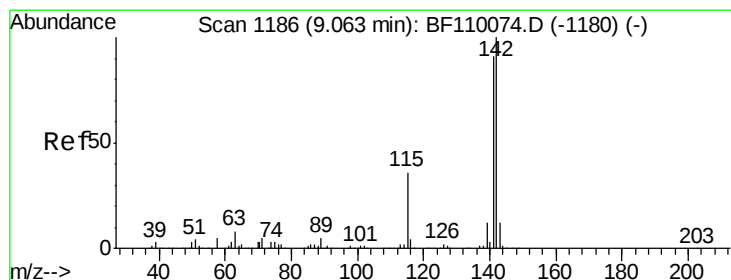
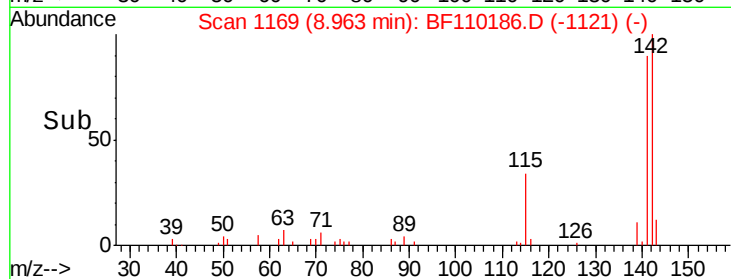
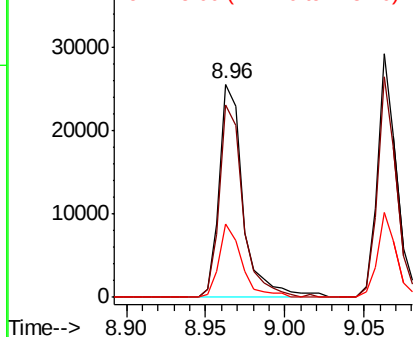


Abundance

Ion 142.00 (141.70 to 142.70): E

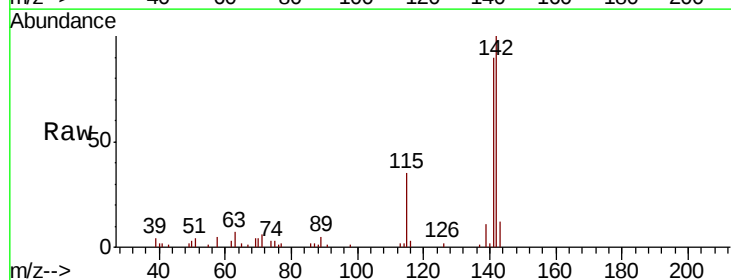
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 1.870 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.02 min
Lab File: BF110186.D
Acq: 26 Oct 2018 3:02

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.3	74.2	111.4
116	3.1	2.6	4.0

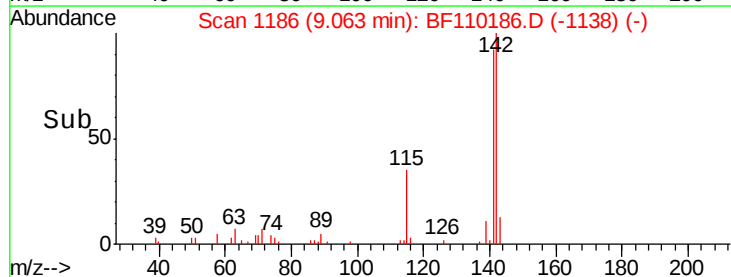
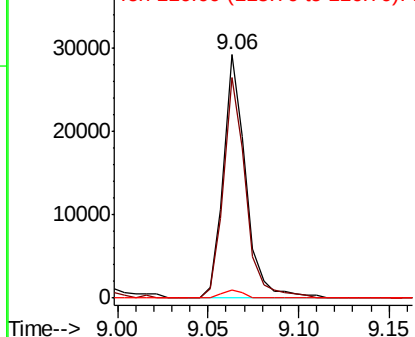


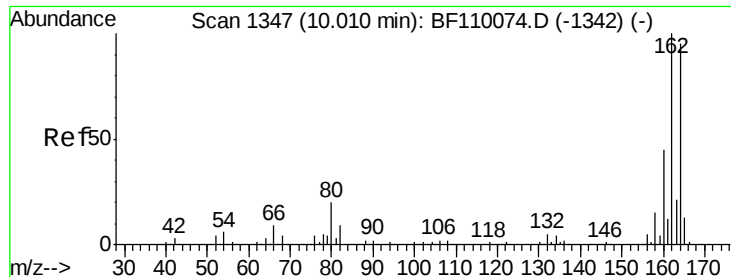
Abundance

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: BF110186.D

Acq: 26 Oct 2018 3:02

Instrument :

BNA_F

ClientSampleId :

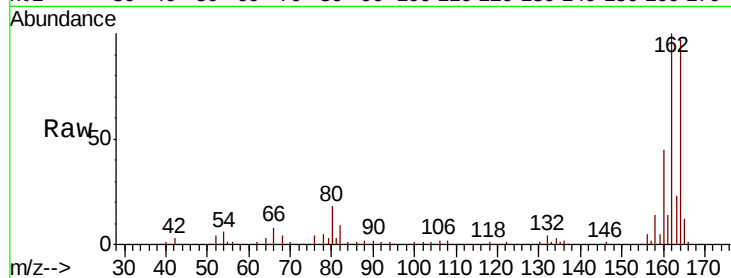
Tot Ion:164 Resp: 171492

Ion Ratio Lower Upper

164 100

162 103.2 83.0 124.6

160 46.2 37.0 55.6

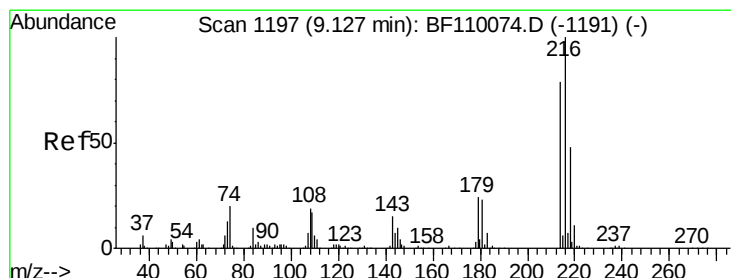
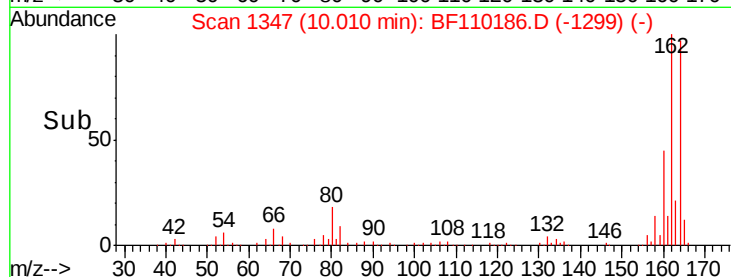
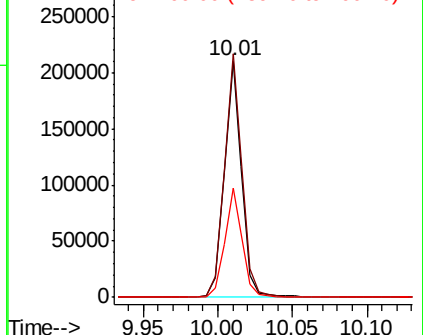


Abundance

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: 2.014 ng

RT: 9.13 min Scan# 1197

Delta R.T. -0.02 min

Lab File: BF110186.D

Acq: 26 Oct 2018 3:02

Tgt Ion:216 Resp: 10759

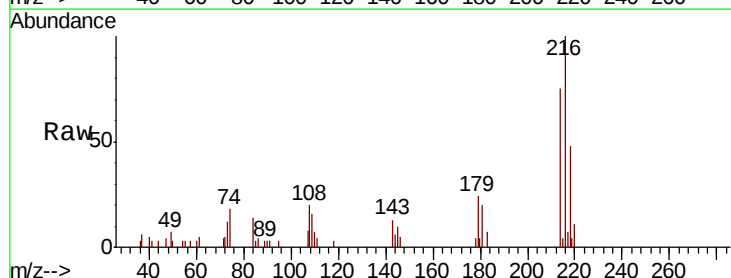
Ion Ratio Lower Upper

216 100

214 73.6 63.8 95.6

179 20.9 16.6 25.0

108 16.9 15.1 22.7



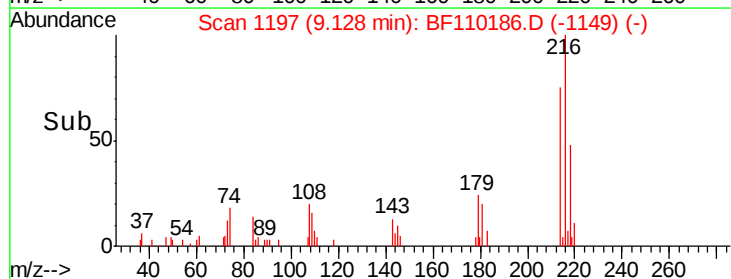
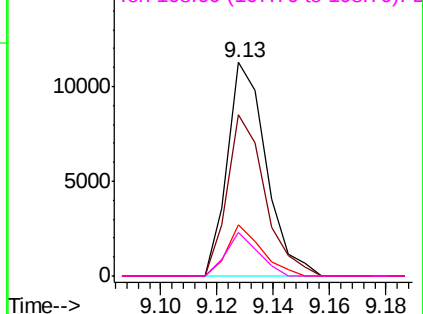
Abundance

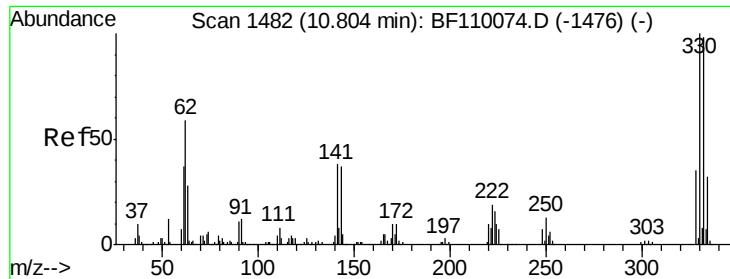
Ion 216.00 (215.70 to 216.70): E

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

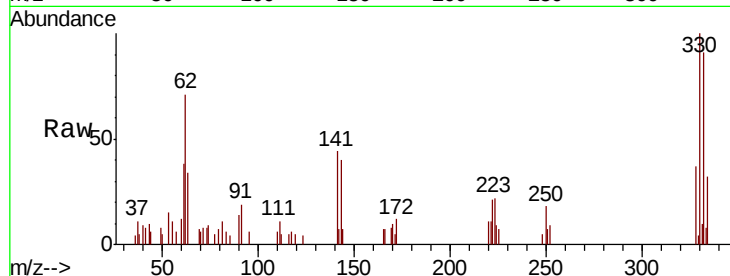




#42
 2,4,6-Tribromophenol
 Concen: 4.248 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.02 min
 Lab File: BF110186.D
 Acq: 26 Oct 2018 3:02

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.1	115.7
141	39.9	27.0	40.4

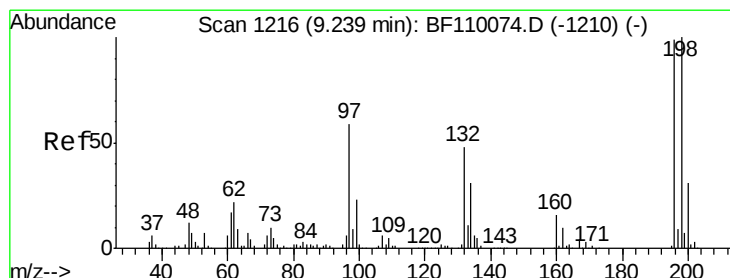
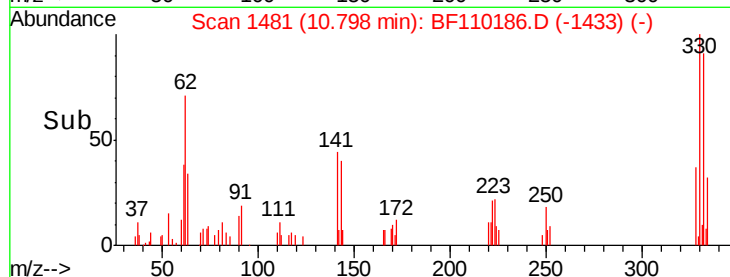
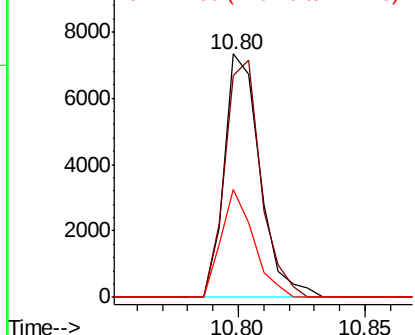


Abundance

Ion 329.80 (329.50 to 330.50): E

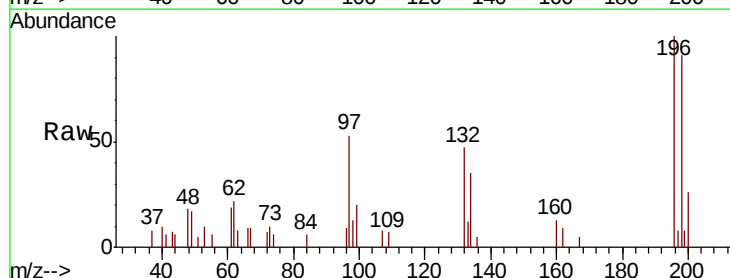
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#43
 2,4,6-Trichlorophenol
 Concen: 1.650 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF110186.D
 Acq: 26 Oct 2018 3:02

Tgt Ion	Ratio	Lower	Upper
196	100		
198	91.4	76.2	114.4
200	26.0	24.4	36.6

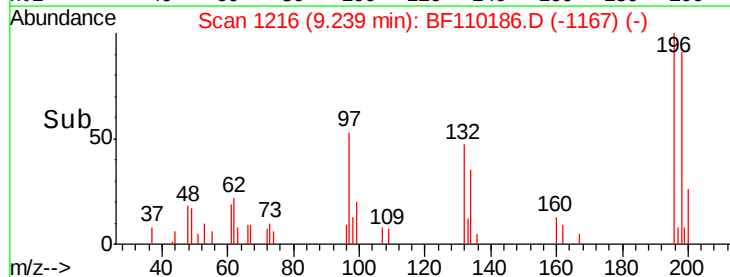
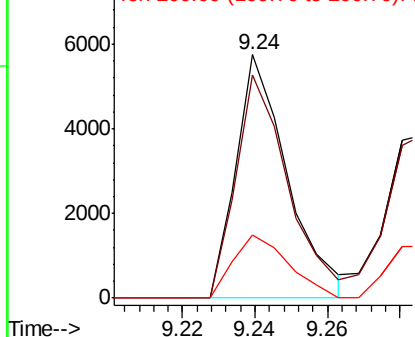


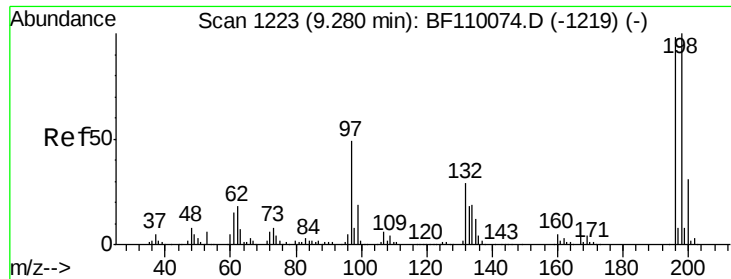
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

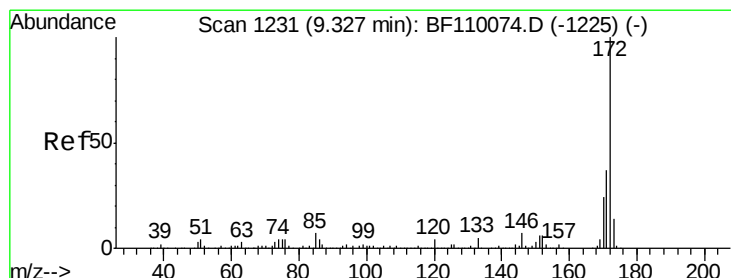
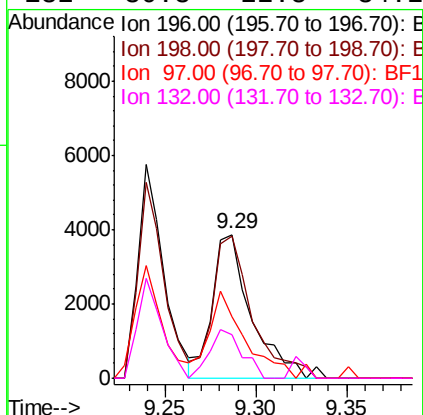
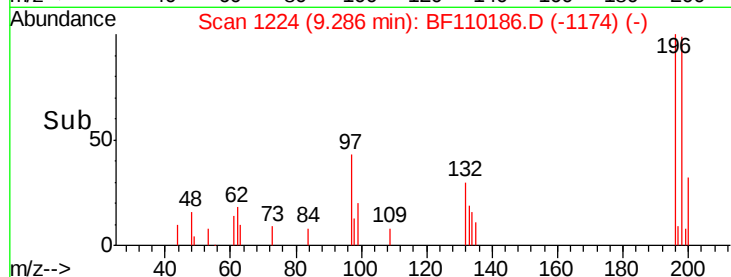
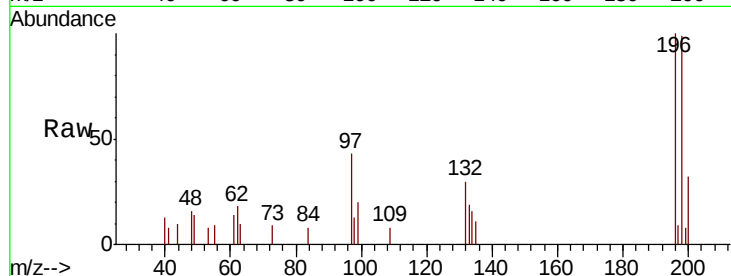




#44
 2,4,5-Trichlorophenol
 Concen: 1.608 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF110186.D
 Acq: 26 Oct 2018 3:02

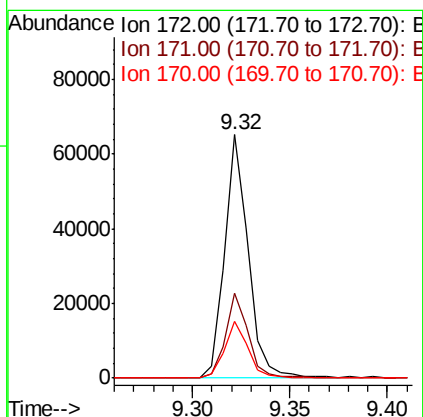
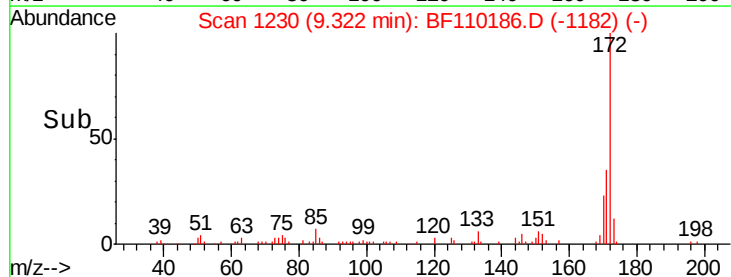
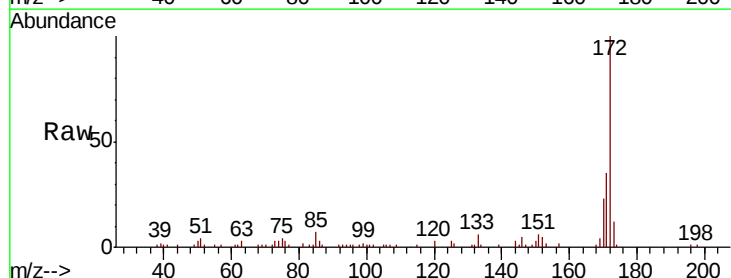
Instrument :
 BNA_F
 ClientSampleId :

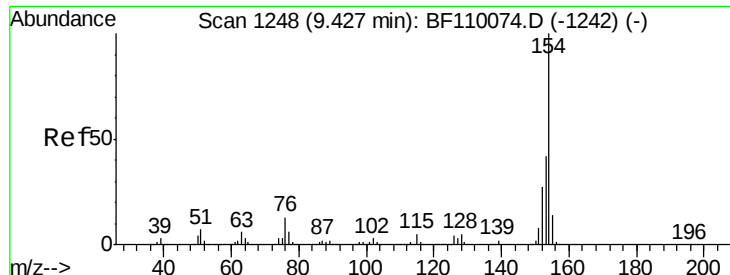
Tot Ion:196 Resp: 5859
 Ion Ratio Lower Upper
 196 100
 198 99.1 75.8 113.6
 97 43.1 42.4 63.6
 132 30.3 22.8 34.2



#45
 2-Fluorobiphenyl
 Concen: 4.984 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.02 min
 Lab File: BF110186.D
 Acq: 26 Oct 2018 3:02

Tgt Ion:172 Resp: 54433
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.6 43.0
 170 23.4 19.7 29.5

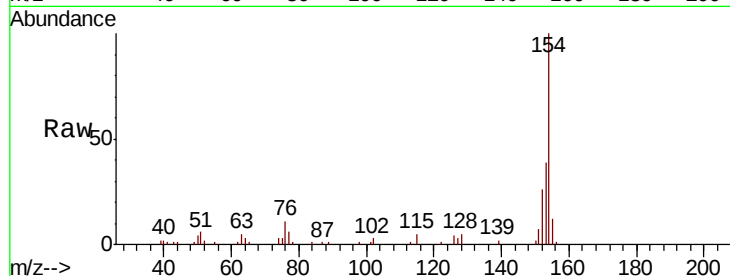




#46
 1,1'-Biphenyl
 Concen: 2.009 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. -0.02 min
 Lab File: BF110186.D
 Acq: 26 Oct 2018 3:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	39.1	20.4	60.4
76	11.4	0.0	31.9

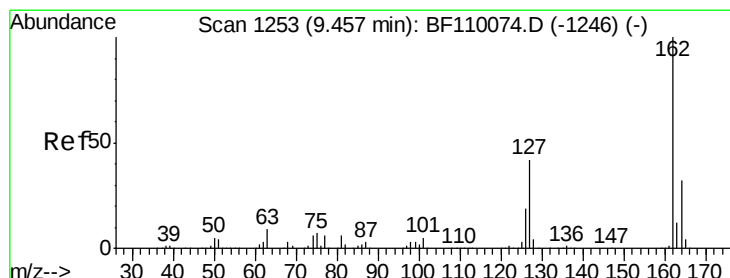
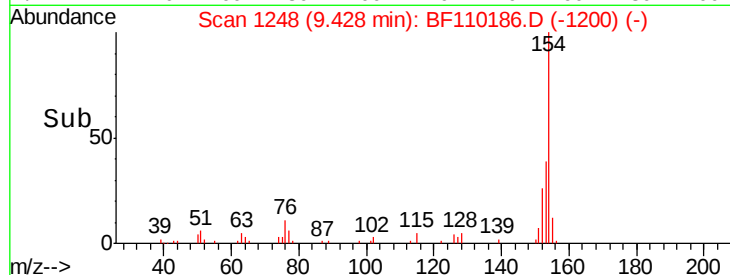
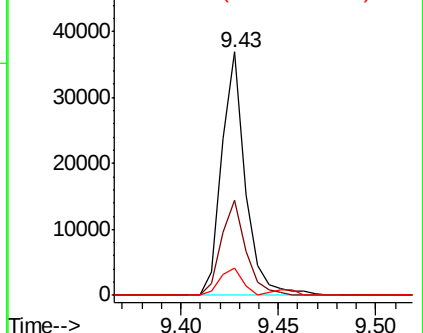


Abundance

Ion 154.00 (153.70 to 154.70): E

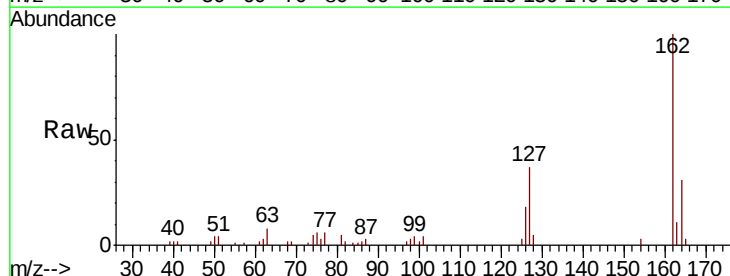
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#47
 2-Chloronaphthalene
 Concen: 1.953 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF110186.D
 Acq: 26 Oct 2018 3:02

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.3	32.6	48.8
164	30.6	25.9	38.9

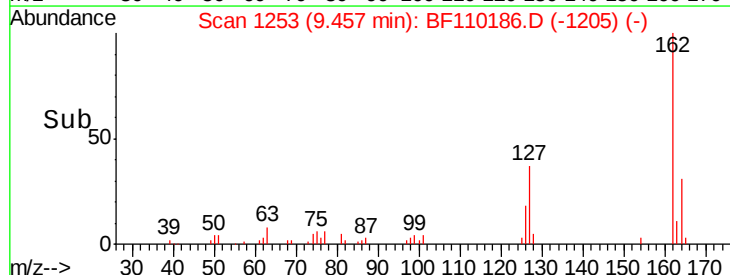
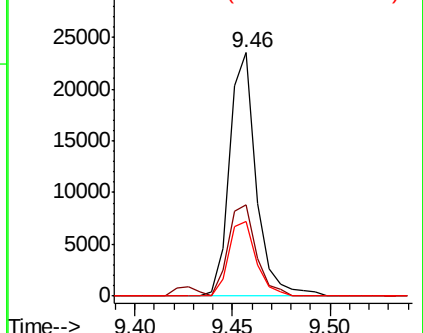


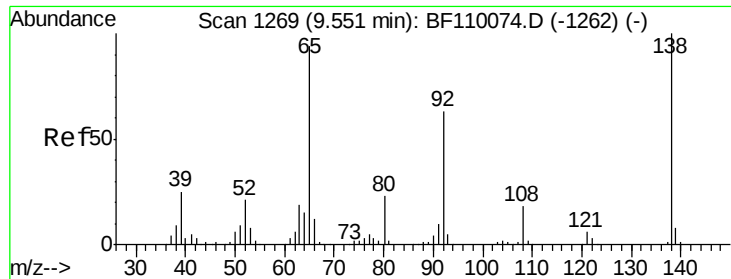
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

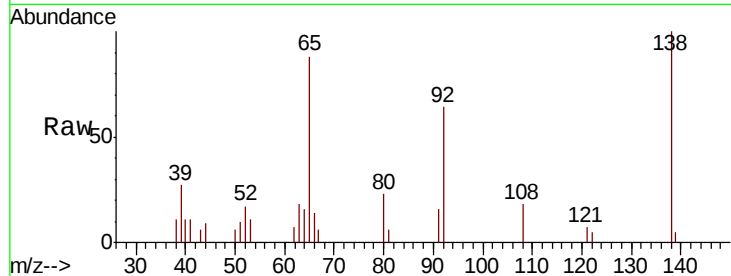




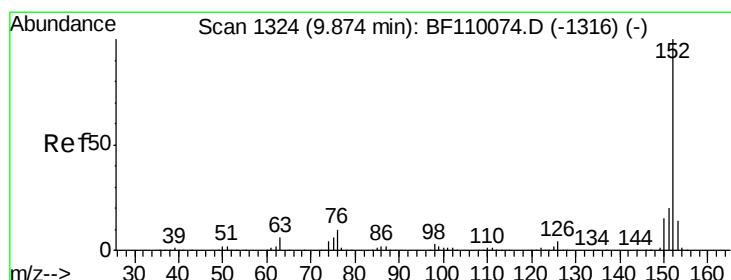
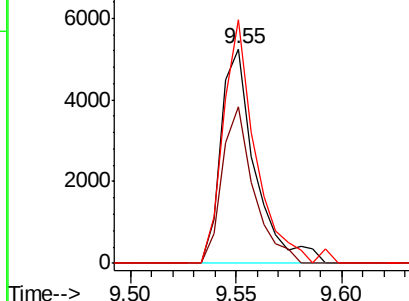
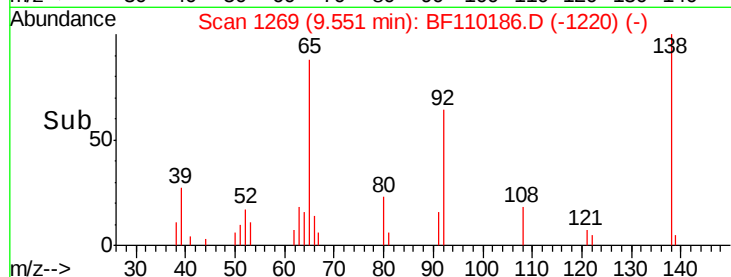
#48
2-Nitroaniline
Concen: 1.705 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF110186.D
Acq: 26 Oct 2018 3:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 5879
Ion Ratio Lower Upper
65 100
92 72.8 54.6 81.8
138 113.4 80.3 120.5

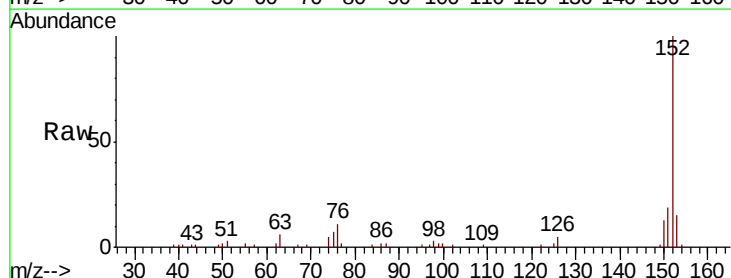


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

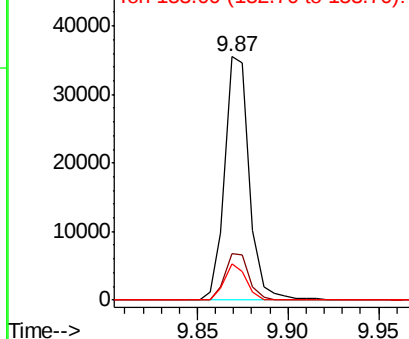
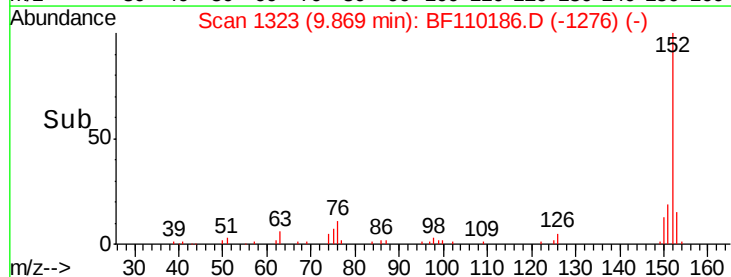


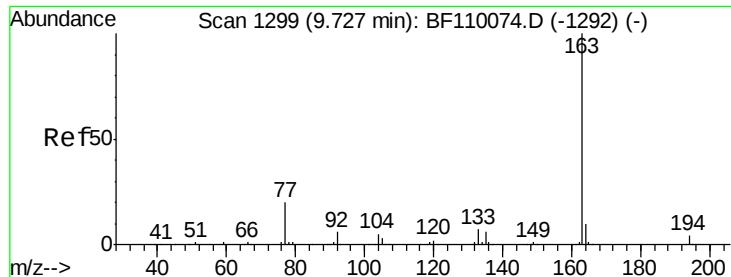
#49
Acenaphthylene
Concen: 2.052 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF110186.D
Acq: 26 Oct 2018 3:02

Tgt Ion: 152 Resp: 33716
Ion Ratio Lower Upper
152 100
151 19.1 15.8 23.8
153 15.0 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): BF1
Ion 151.00 (150.70 to 151.70): BF1
Ion 153.00 (152.70 to 153.70): BF1

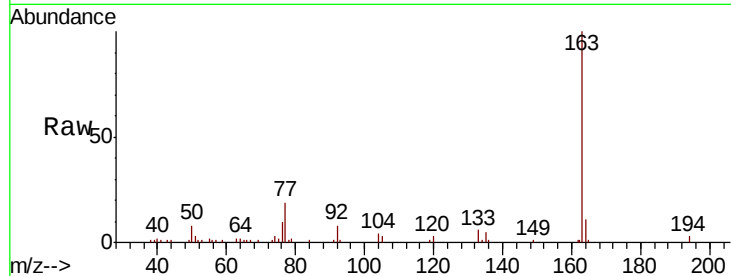




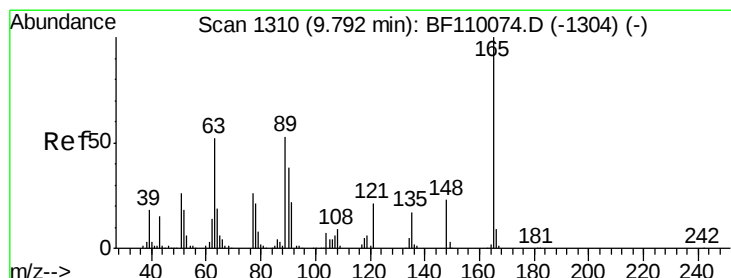
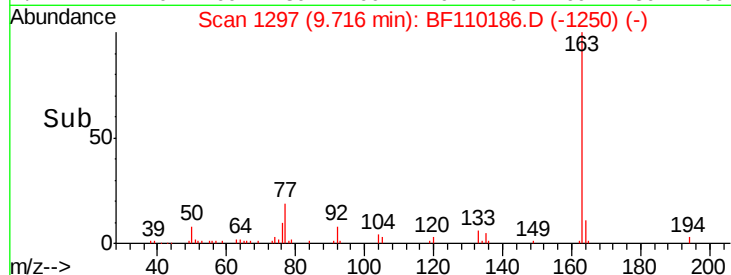
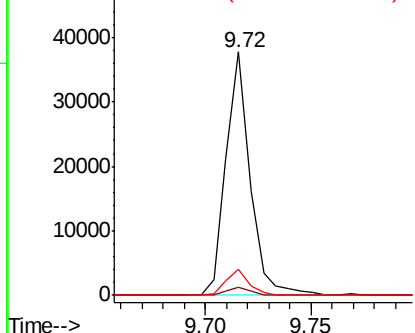
#50
Dimethylphthalate
Concen: 2.351 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF110186.D
Acq: 26 Oct 2018 3:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.2	4.8
164	10.8	8.1	12.1

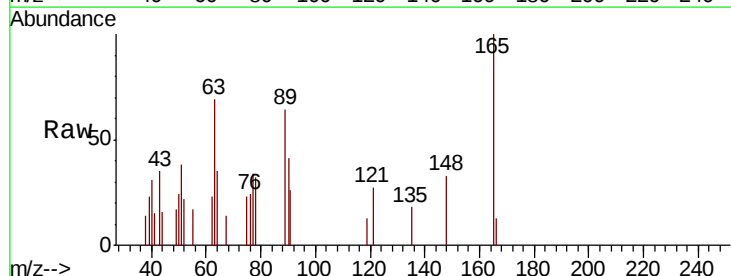


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

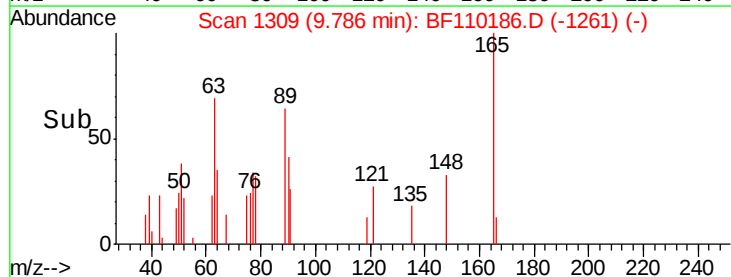
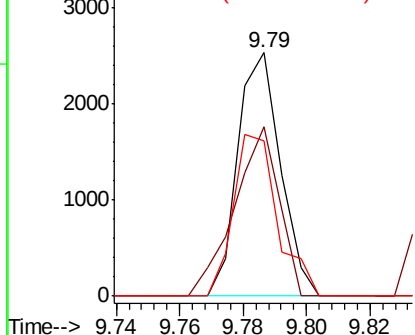


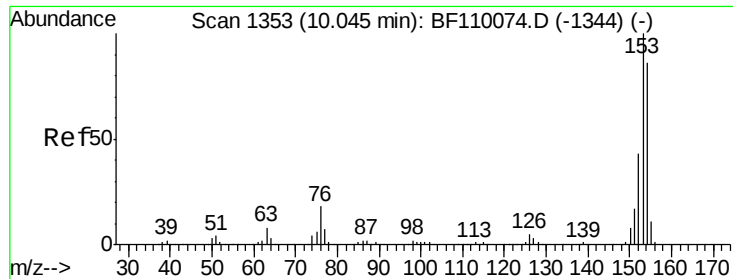
#51
2,6-Dinitrotoluene
Concen: 0.861 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.02 min
Lab File: BF110186.D
Acq: 26 Oct 2018 3:02

Tgt Ion	Ratio	Lower	Upper
165	100		
63	69.4	48.9	73.3
89	63.6	46.6	69.8



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





#52

Acenaphthene

Concen: 1.833 ng

RT: 10.05 min Scan# 1353

Delta R.T. -0.02 min

Lab File: BF110186.D

Acq: 26 Oct 2018 3:02

Instrument :

BNA_F

ClientSampleId :

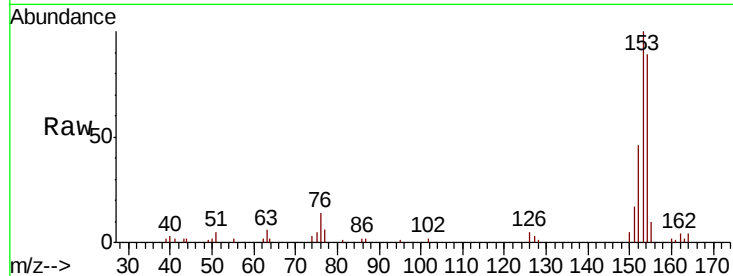
Tot Ion:154 Resp: 19929

Ion Ratio Lower Upper

154 100

153 112.8 90.1 135.1

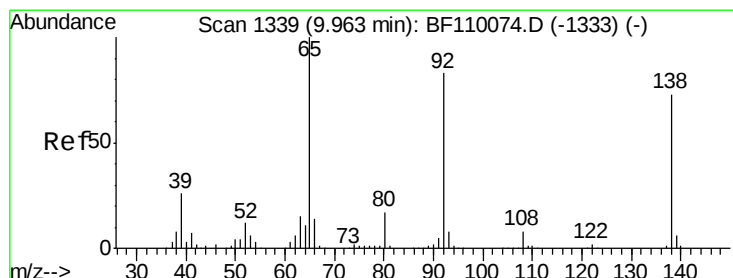
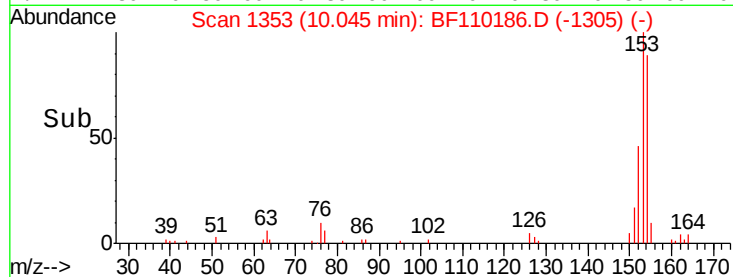
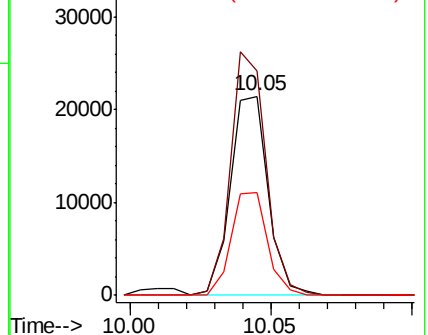
152 51.5 43.4 65.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 1.229 ng

RT: 9.96 min Scan# 1339

Delta R.T. -0.01 min

Lab File: BF110186.D

Acq: 26 Oct 2018 3:02

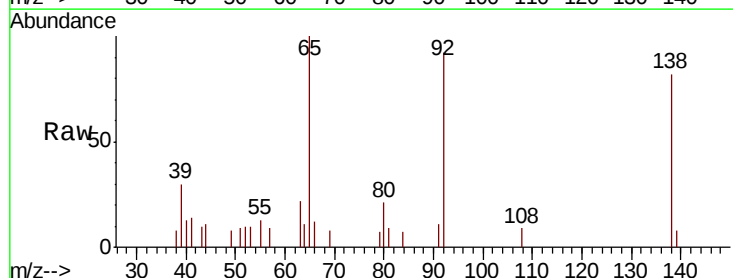
Tgt Ion:138 Resp: 3985

Ion Ratio Lower Upper

138 100

108 10.7 8.7 13.1

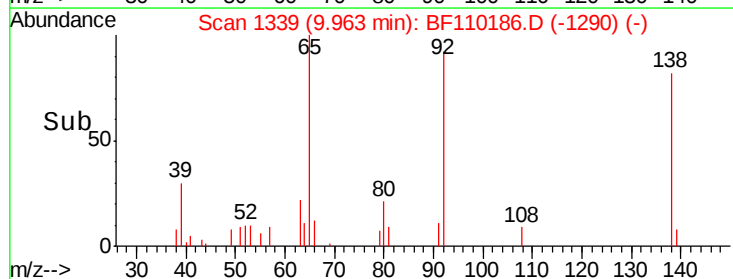
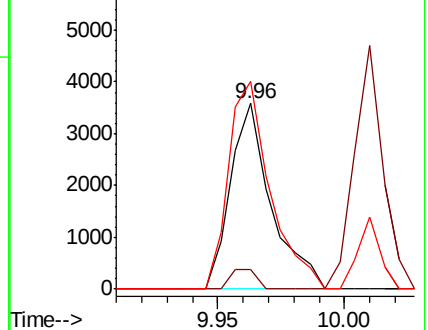
92 112.0 97.0 145.4

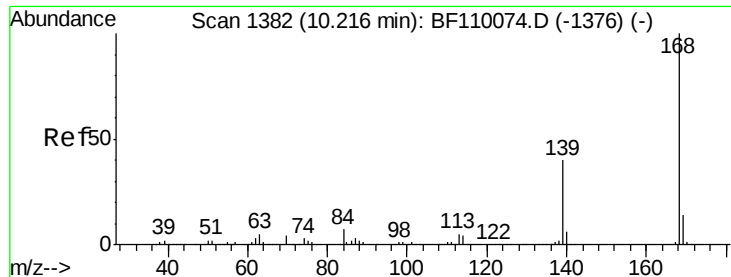


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

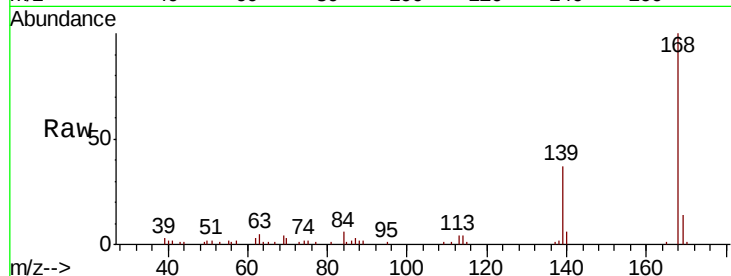




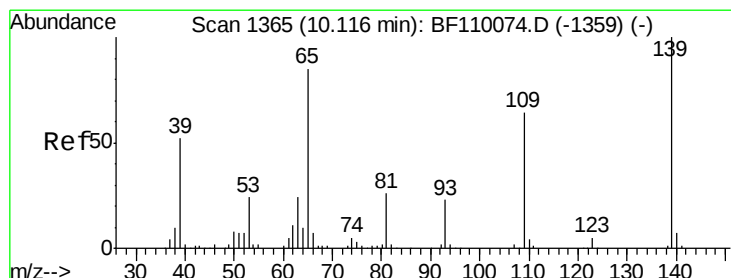
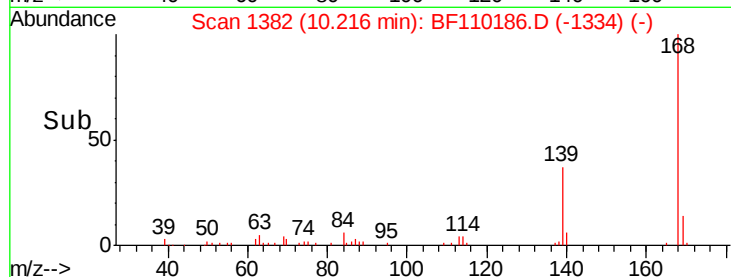
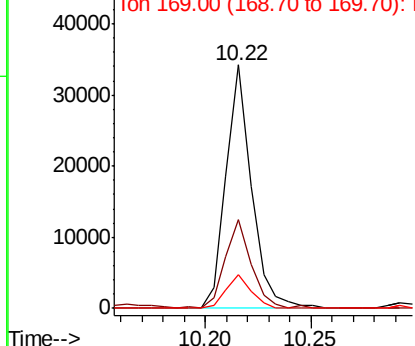
#55
Dibenzofuran
Concen: 1.874 ng
RT: 10.22 min Scan# 1382
Delta R.T. -0.02 min
Lab File: BF110186.D
Acq: 26 Oct 2018 3:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 28520
Ion Ratio Lower Upper
168 100
139 36.6 33.0 49.6
169 13.9 11.3 16.9

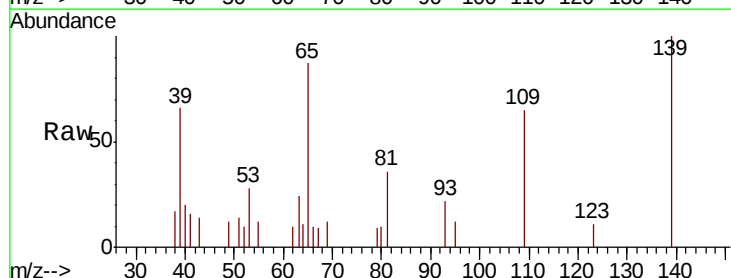


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

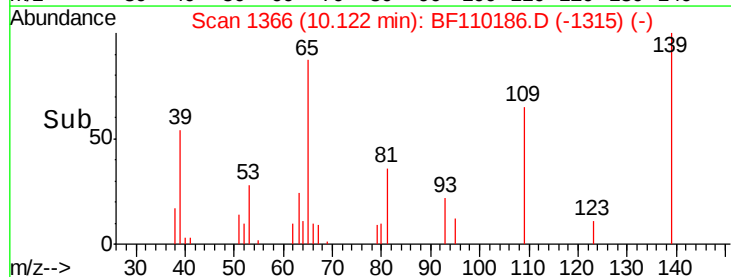
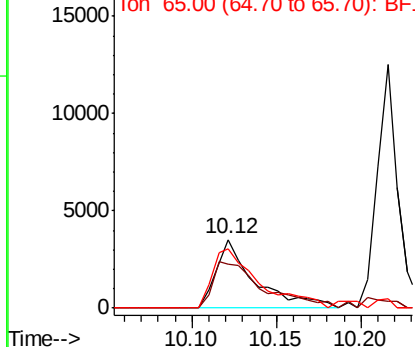


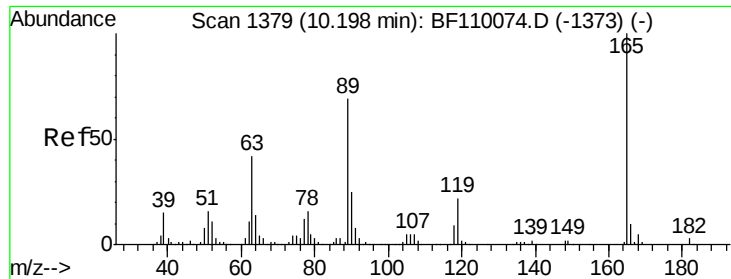
#56
4-Nitrophenol
Concen: 2.349 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BF110186.D
Acq: 26 Oct 2018 3:02

Tgt Ion:139 Resp: 5638
Ion Ratio Lower Upper
139 100
109 64.9 55.8 95.8
65 86.6 77.9 117.9



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

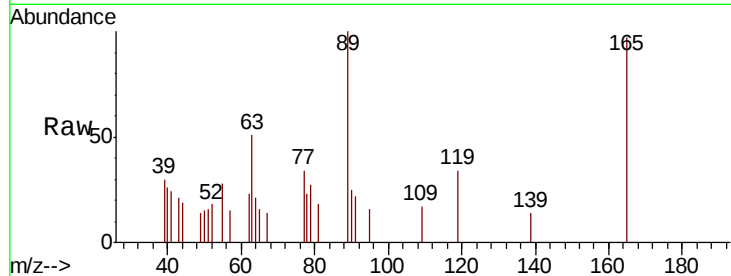




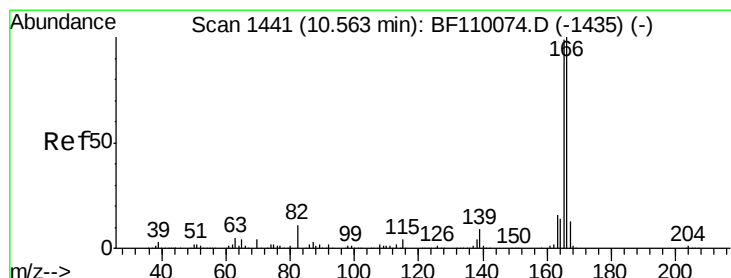
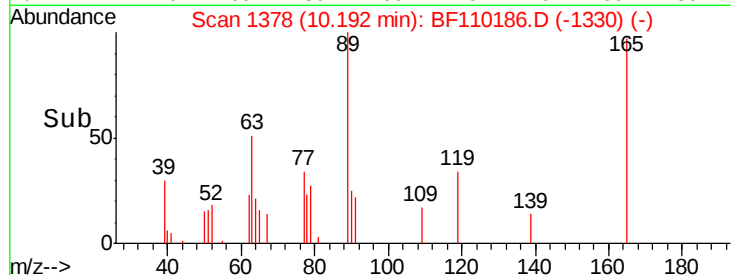
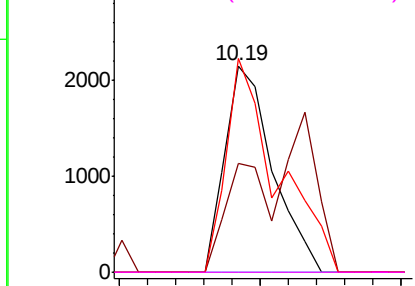
#57
2,4-Dinitrotoluene
Concen: 0.726 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.02 min
Lab File: BF110186.D
Acq: 26 Oct 2018 3:02

Instrument :
BNA_F
ClientSampled :

Tot Ion:165 Resp: 2514
Ion Ratio Lower Upper
165 100
63 52.4 44.8 67.2
89 103.5 62.2 93.4#
182 0.0 2.1 3.1#

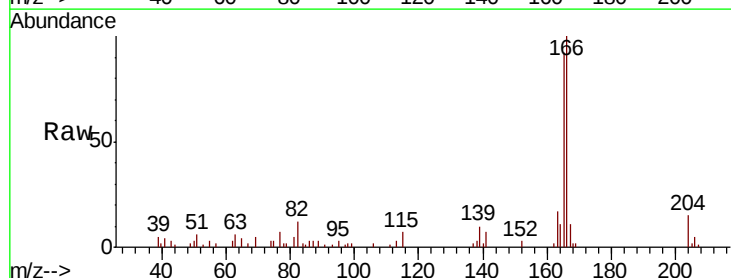


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

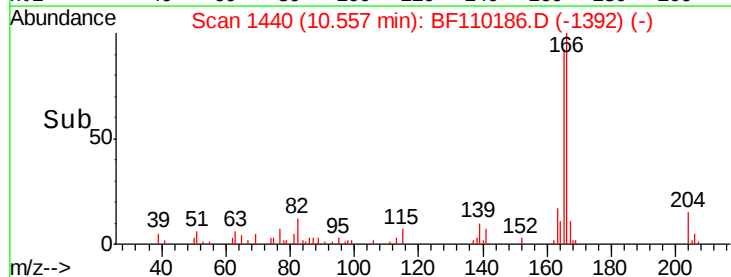
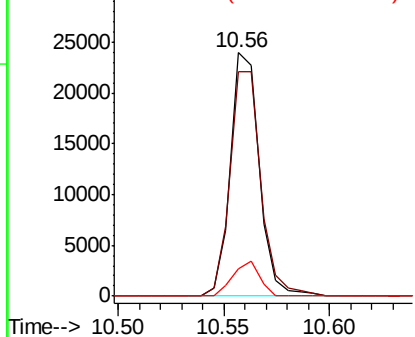


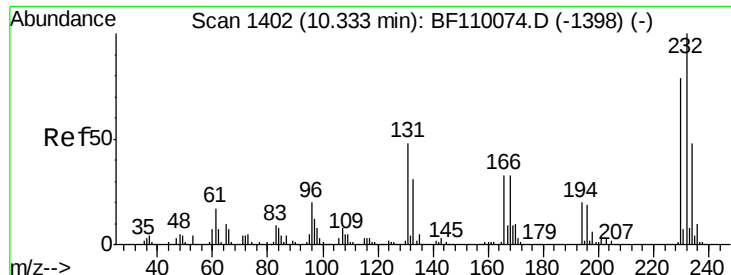
#58
Fluorene
Concen: 1.990 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.02 min
Lab File: BF110186.D
Acq: 26 Oct 2018 3:02

Tgt Ion:166 Resp: 22541
Ion Ratio Lower Upper
166 100
165 92.1 78.6 117.8
167 11.1 10.8 16.2



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

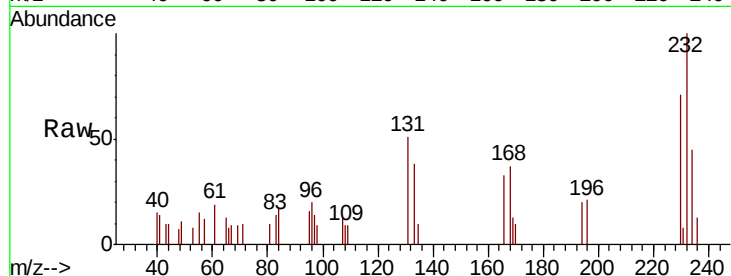




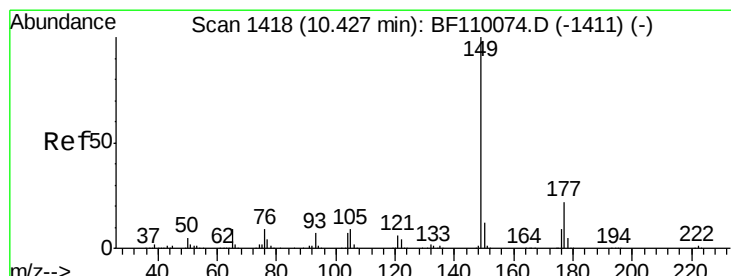
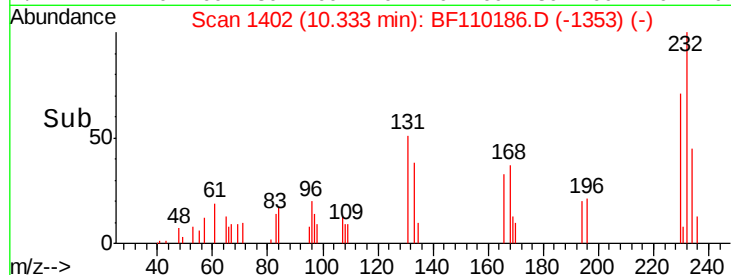
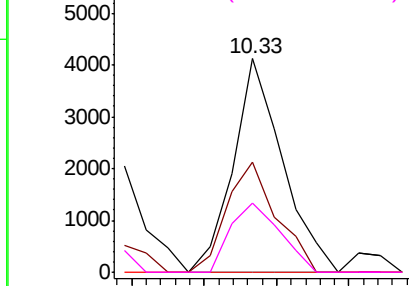
#59
2,3,4,6-Tetrachlorophenol
Concen: 1.316 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF110186.D
Acq: 26 Oct 2018 3:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:232 Resp: 3909
Ion Ratio Lower Upper
232 100
131 51.8 37.0 55.4
130 0.0 1.8 2.6#
166 32.6 22.0 33.0

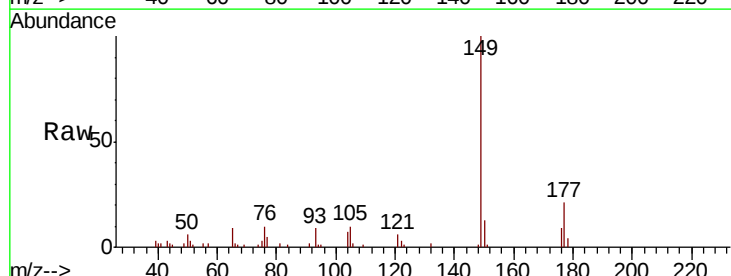


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

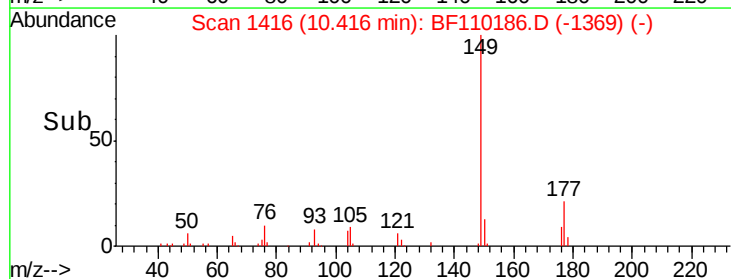
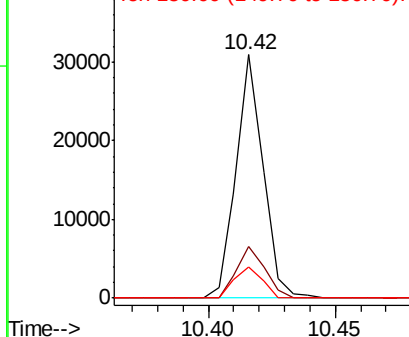


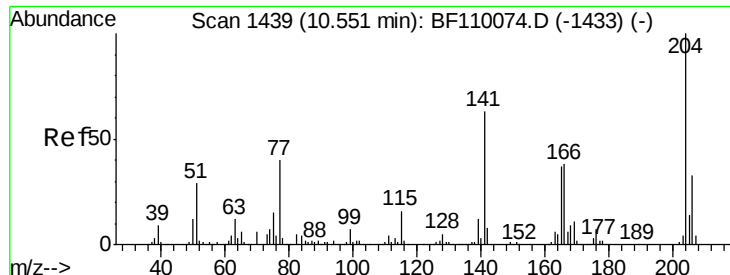
#60
Diethylphthalate
Concen: 1.857 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.02 min
Lab File: BF110186.D
Acq: 26 Oct 2018 3:02

Tgt Ion:149 Resp: 22953
Ion Ratio Lower Upper
149 100
177 21.2 17.4 26.2
150 12.9 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

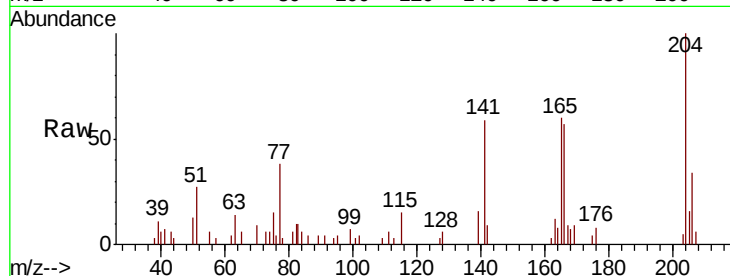




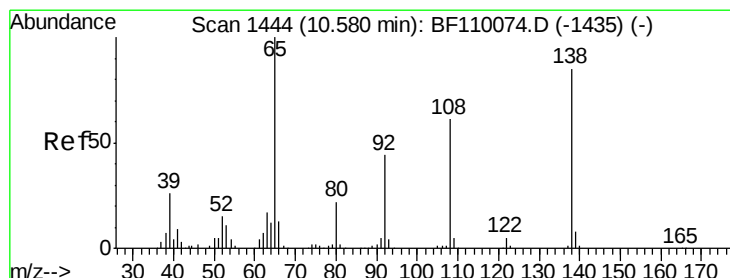
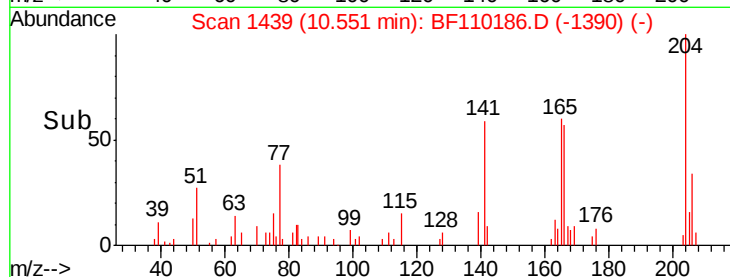
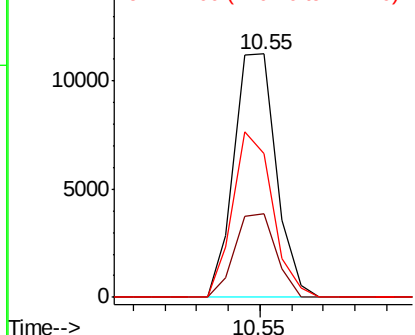
#61
4-Chlorophenyl-phenylether
Concen: 1.743 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF110186.D
Acq: 26 Oct 2018 3:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 10414
Ion Ratio Lower Upper
204 100
206 34.3 26.5 39.7
141 59.2 51.8 77.8

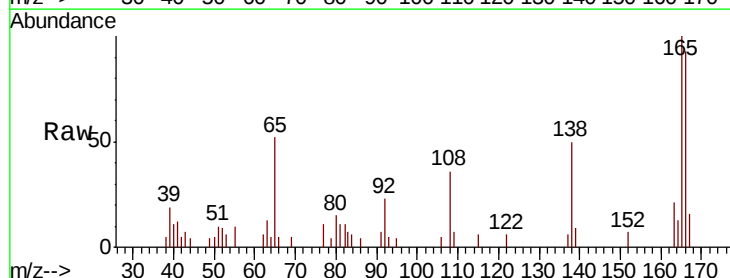


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

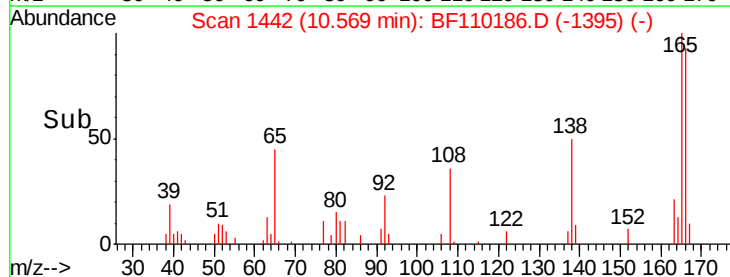
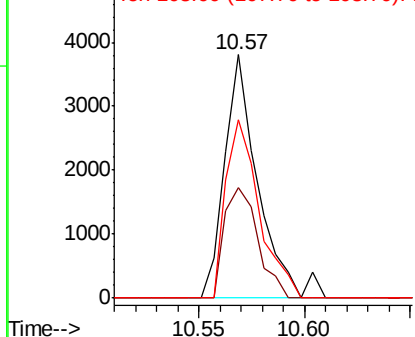


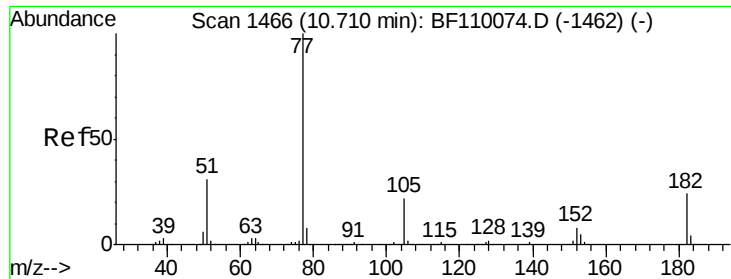
#62
4-Nitroaniline
Concen: 1.295 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.02 min
Lab File: BF110186.D
Acq: 26 Oct 2018 3:02

Tgt Ion:138 Resp: 4177
Ion Ratio Lower Upper
138 100
92 45.4 31.7 71.7
108 73.3 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

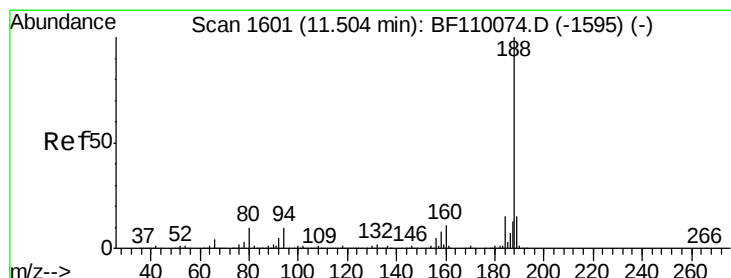
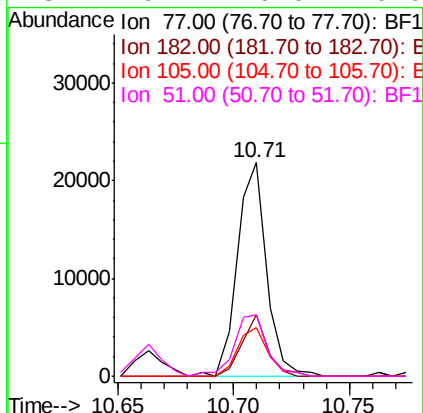
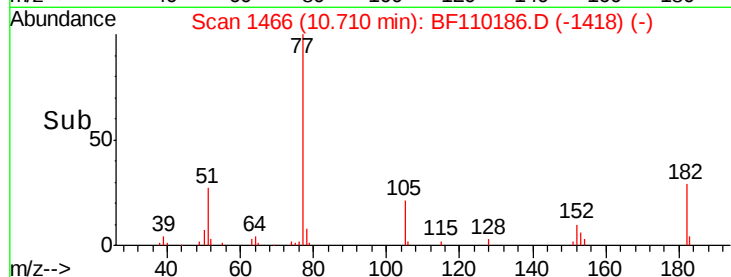
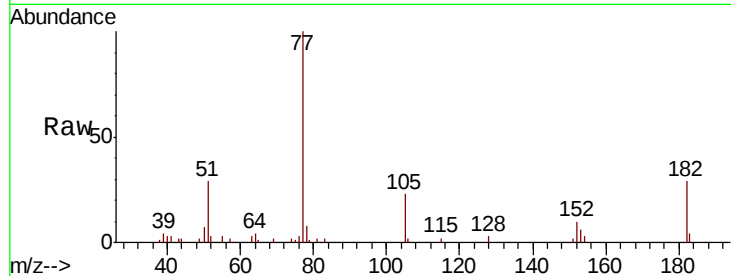




#63
Azobenzene
Concen: 1.570 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.02 min
Lab File: BF110186.D
Acq: 26 Oct 2018 3:02

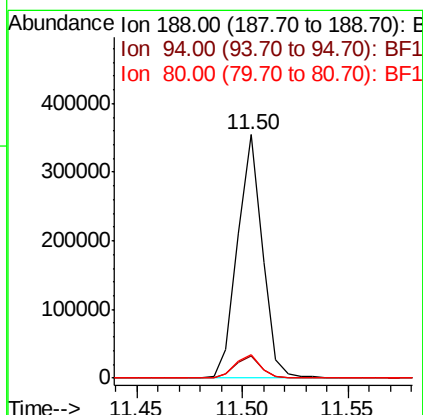
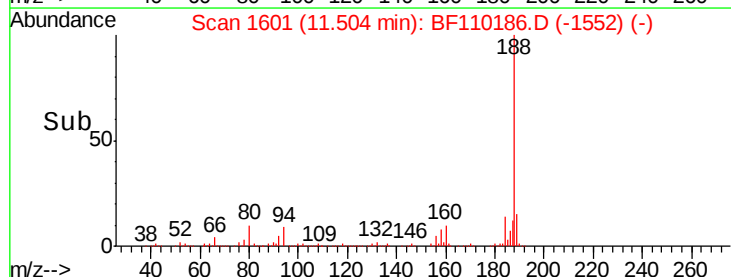
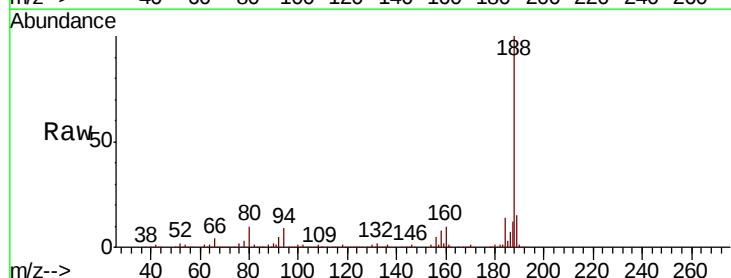
Instrument :
BNA_F
ClientSampleId :

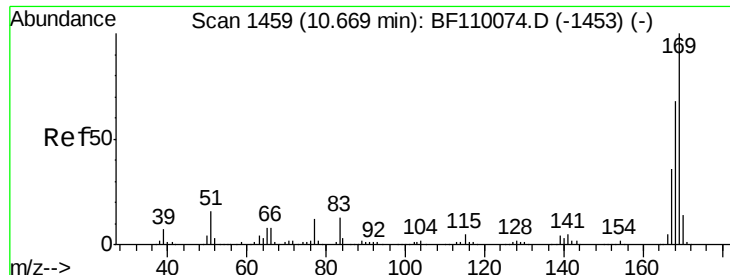
Tot Ion:	77	Resp:	19263
Ion	Ratio	Lower	Upper
77	100		
182	29.0	4.3	44.3
105	22.6	1.3	41.3
51	29.1	9.0	49.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110186.D
Acq: 26 Oct 2018 3:02

Tgt Ion:	188	Resp:	289601
Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.2	10.8
80	9.7	7.9	11.9

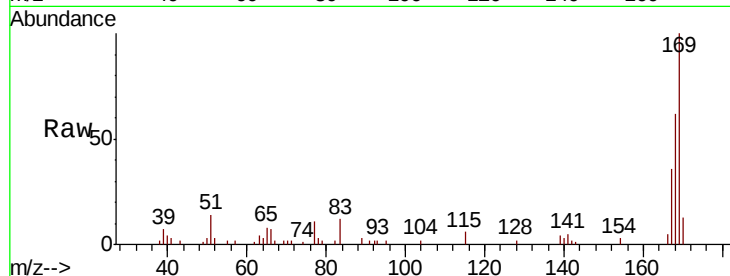




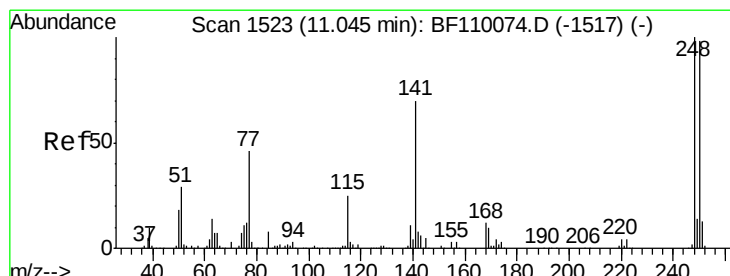
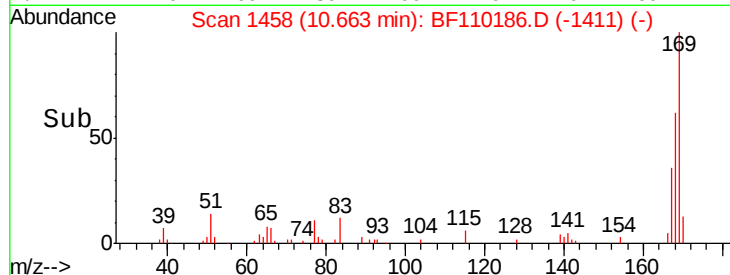
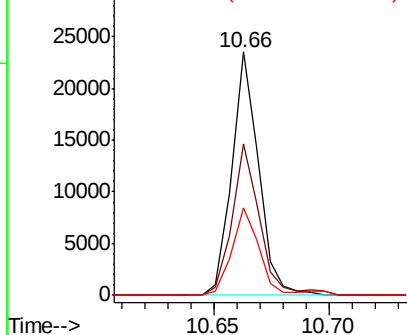
#66
 n-Nitrosodiphenylamine
 Concen: 2.001 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.02 min
 Lab File: BF110186.D
 Acq: 26 Oct 2018 3:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 19003
 Ion Ratio Lower Upper
 169 100
 168 62.4 51.2 76.8
 167 36.1 27.8 41.6

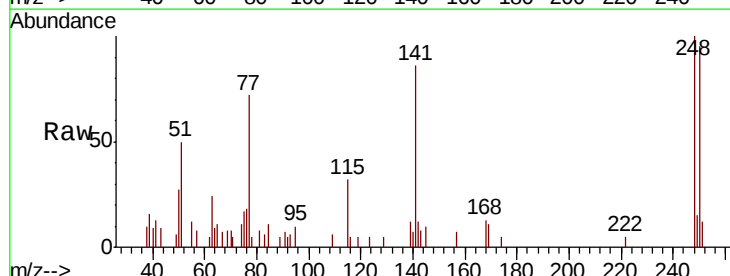


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

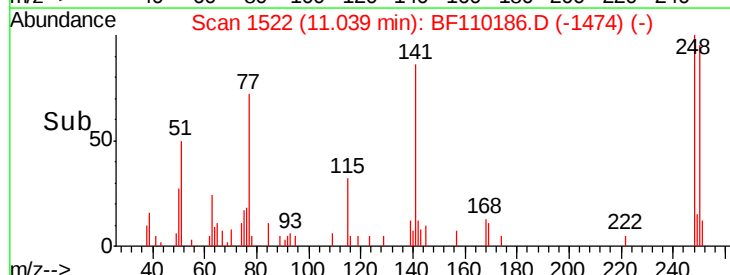
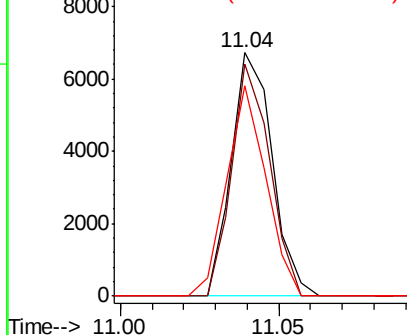


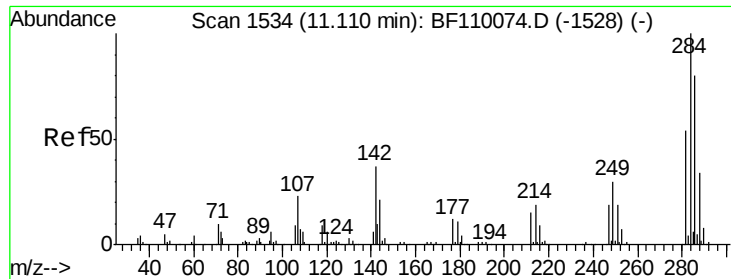
#67
 4-Bromophenyl-phenylether
 Concen: 1.903 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. -0.02 min
 Lab File: BF110186.D
 Acq: 26 Oct 2018 3:02

Tgt Ion:248 Resp: 5977
 Ion Ratio Lower Upper
 248 100
 250 95.3 79.4 119.2
 141 86.5 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: 1.809 ng

RT: 11.11 min Scan# 1534

Delta R.T. -0.02 min

Lab File: BF110186.D

Acq: 26 Oct 2018 3:02

Instrument :

BNA_F

ClientSampled :

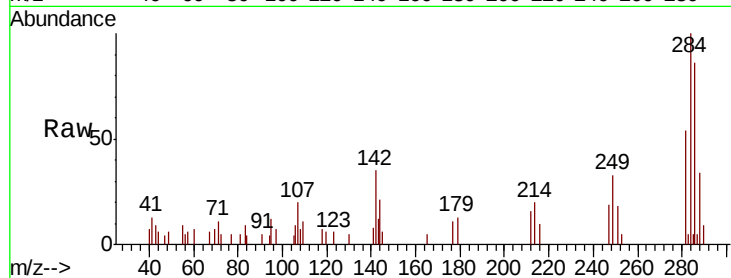
Tot Ion:284 Resp: 6030

Ion Ratio Lower Upper

284 100

142 35.1 23.9 35.9

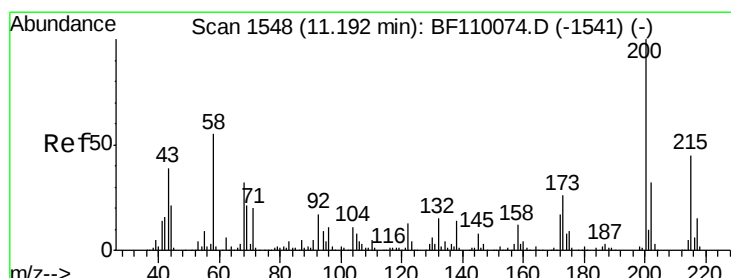
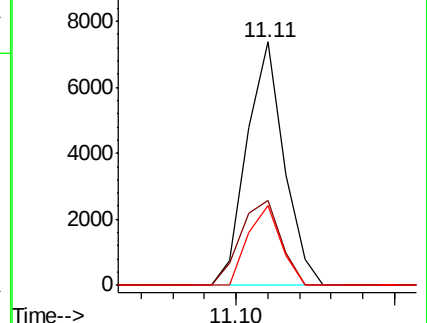
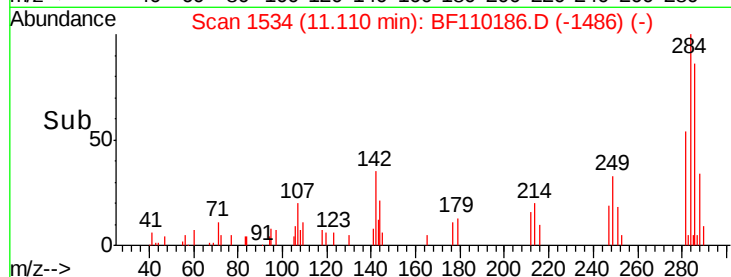
249 32.8 24.2 36.2



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: 1.926 ng

RT: 11.19 min Scan# 1547

Delta R.T. -0.02 min

Lab File: BF110186.D

Acq: 26 Oct 2018 3:02

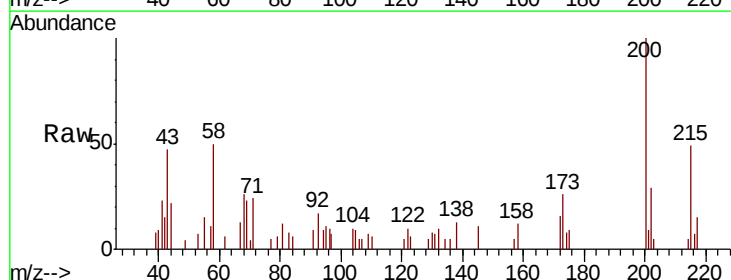
Tgt Ion:200 Resp: 5781

Ion Ratio Lower Upper

200 100

173 26.0 6.6 46.6

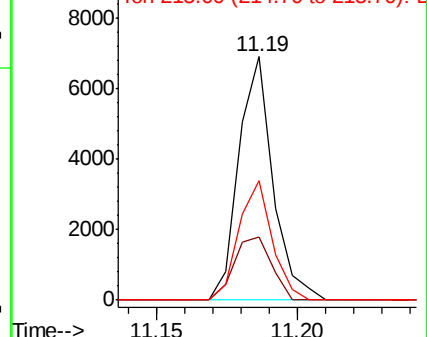
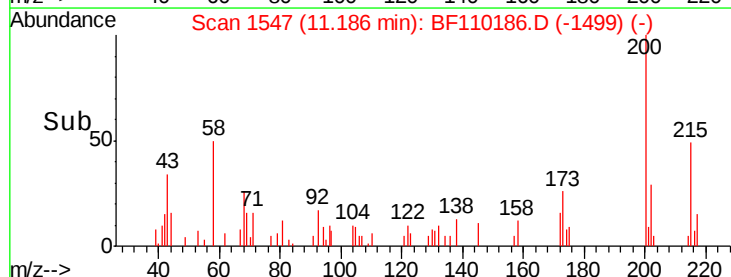
215 48.9 26.3 66.3

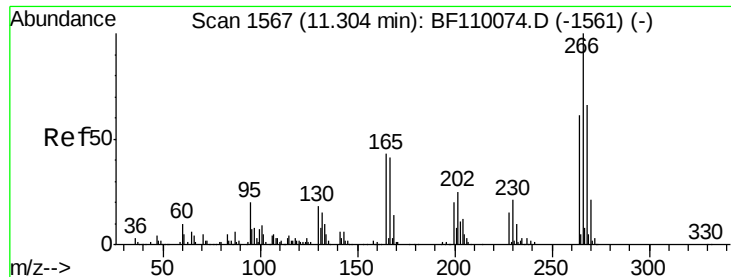


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

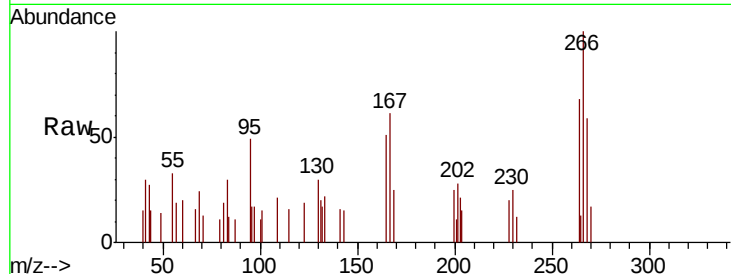




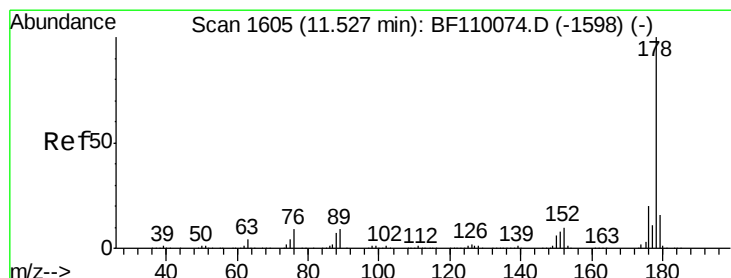
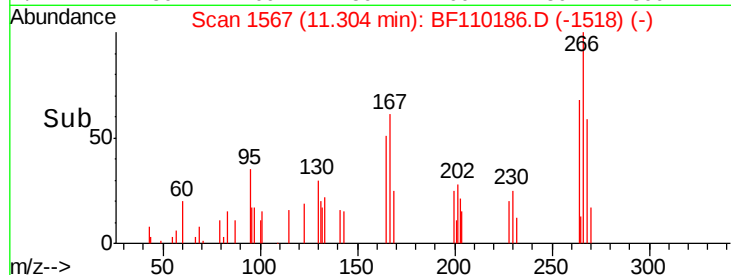
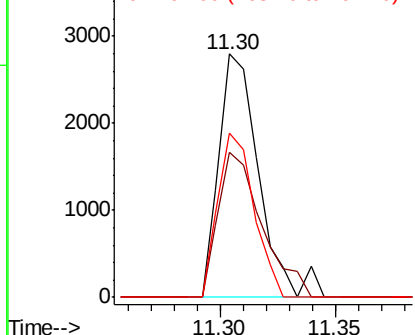
#70
 Pentachlorophenol
 Concen: 1.731 ng
 RT: 11.30 min Scan# 1567
 Delta R.T. -0.01 min
 Lab File: BF110186.D
 Acq: 26 Oct 2018 3:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 3364
 Ion Ratio Lower Upper
 266 100
 268 59.4 50.6 75.8
 264 67.6 50.6 75.8

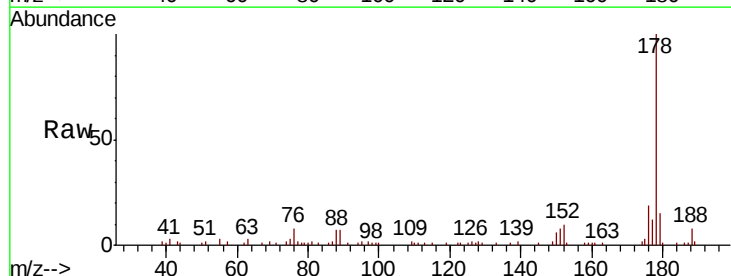


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

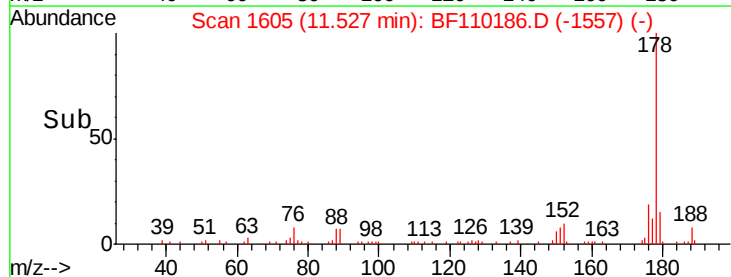
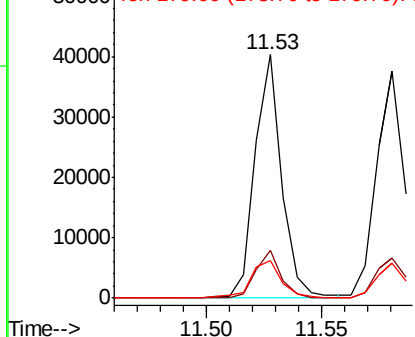


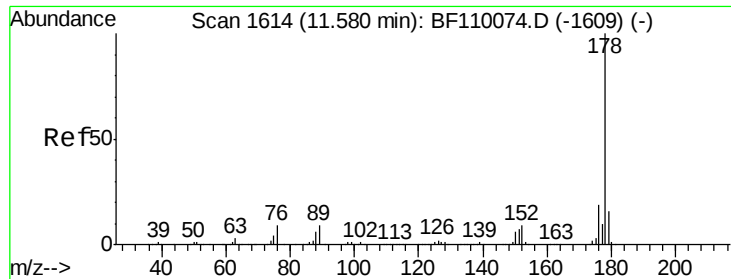
#71
 Phenanthrene
 Concen: 2.168 ng
 RT: 11.53 min Scan# 1605
 Delta R.T. -0.02 min
 Lab File: BF110186.D
 Acq: 26 Oct 2018 3:02

Tgt Ion:178 Resp: 32858
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.5 23.3
 179 15.5 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: 2.163 ng

RT: 11.58 min Scan# 1614

Delta R.T. -0.02 min

Lab File: BF110186.D

Acq: 26 Oct 2018 3:02

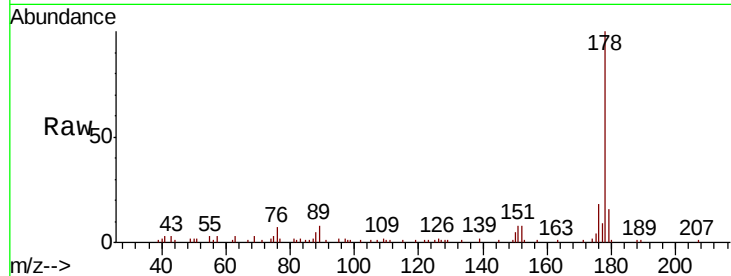
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 32850

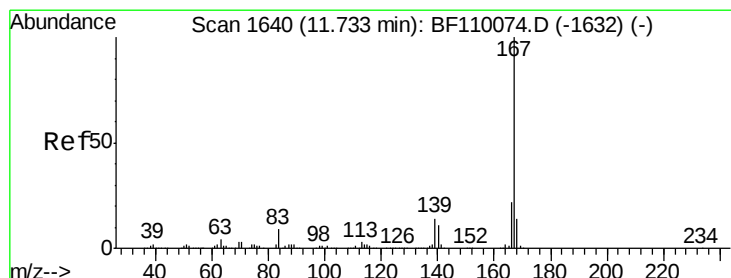
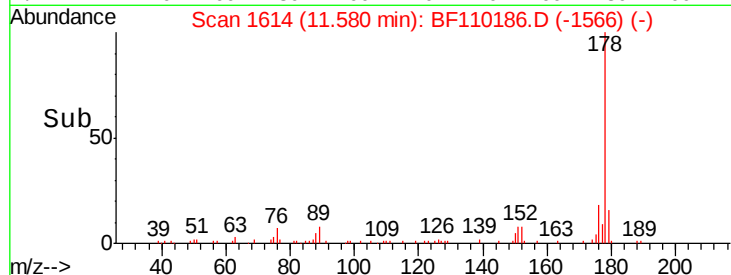
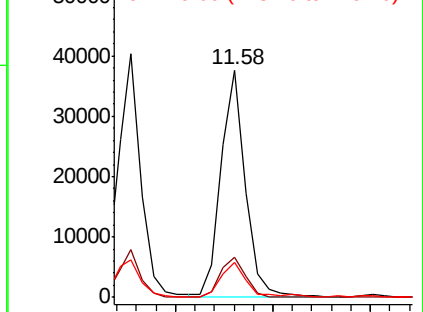
Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.4	23.2
179	15.5	12.6	18.8



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: 1.847 ng

RT: 11.73 min Scan# 1640

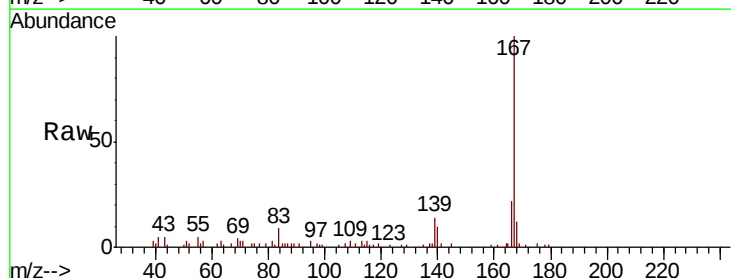
Delta R.T. -0.01 min

Lab File: BF110186.D

Acq: 26 Oct 2018 3:02

Tgt Ion:167 Resp: 27394

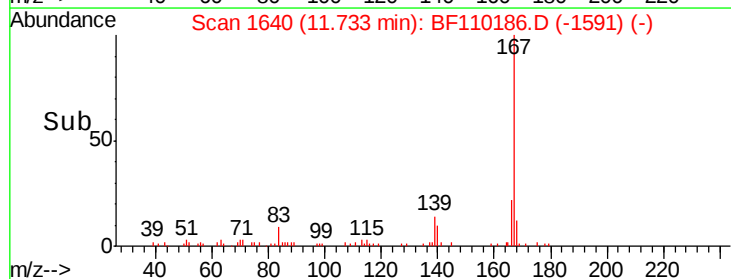
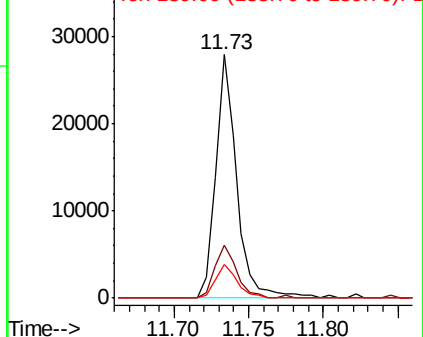
Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.4	26.0
139	14.1	10.9	16.3

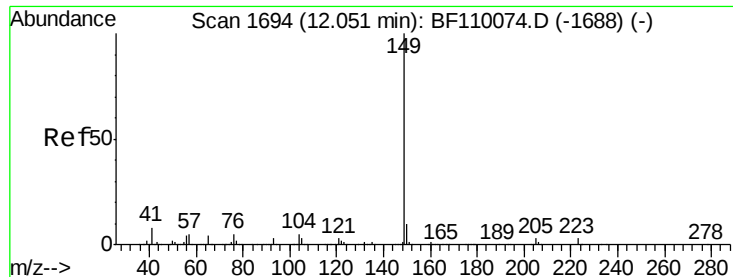


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 2.251 ng

RT: 12.05 min Scan# 1694

Delta R.T. -0.02 min

Lab File: BF110186.D

Acq: 26 Oct 2018 3:02

Instrument :

BNA_F

ClientSampleId :

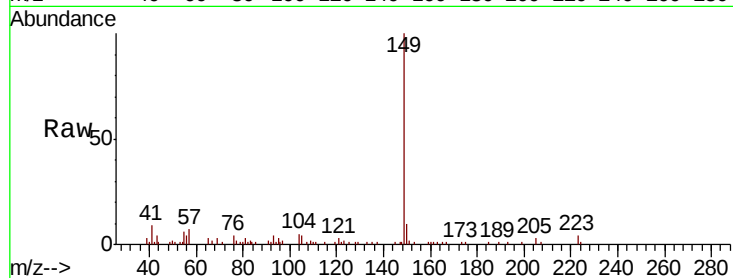
Tot Ion:149 Resp: 37700

Ion Ratio Lower Upper

149 100

150 9.5 7.7 11.5

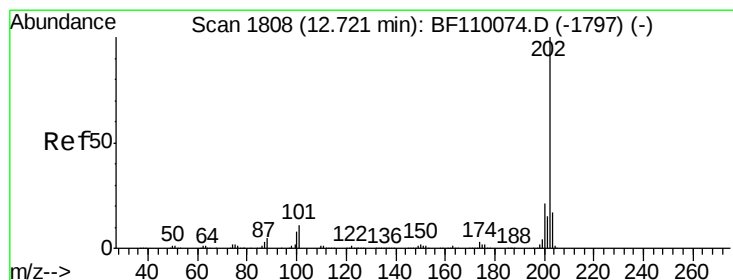
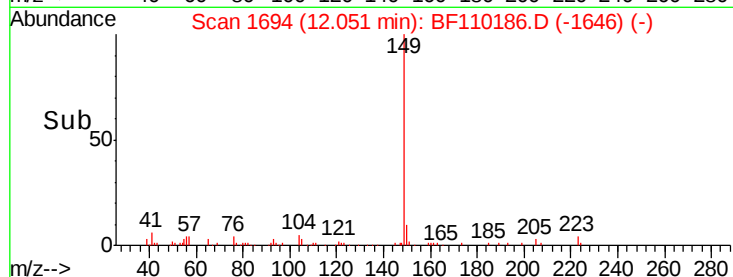
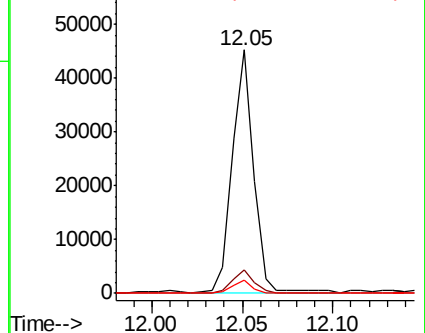
104 5.3 4.2 6.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 2.339 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF110186.D

Acq: 26 Oct 2018 3:02

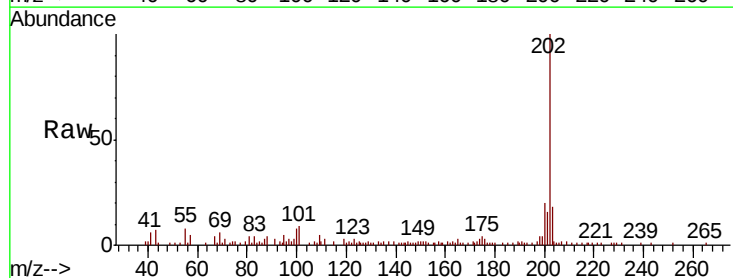
Tgt Ion:202 Resp: 35971

Ion Ratio Lower Upper

202 100

101 8.9 0.0 31.4

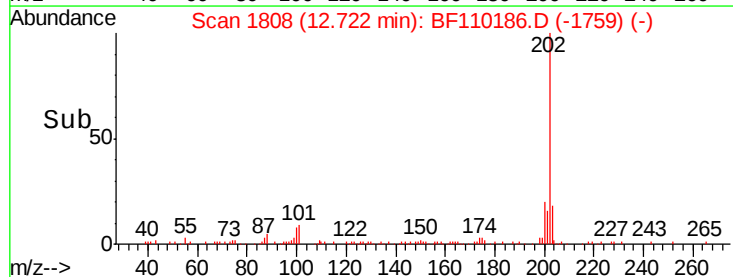
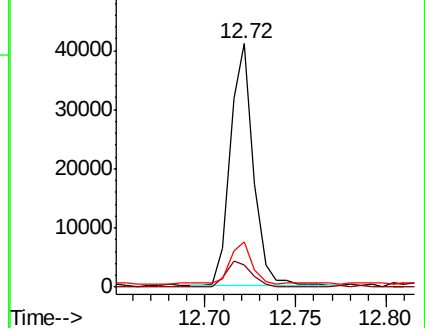
203 18.4 0.0 37.7

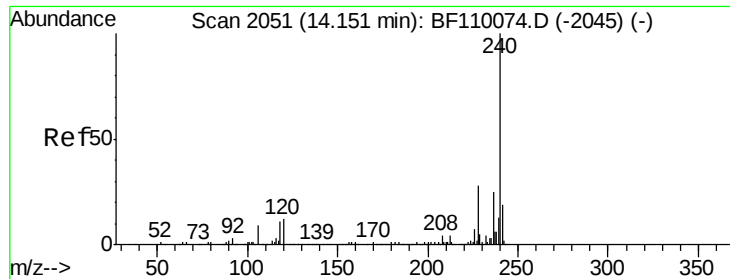


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

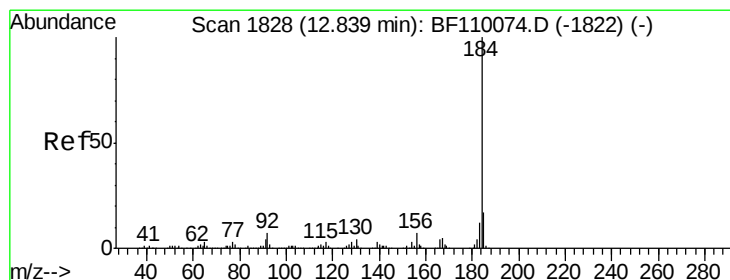
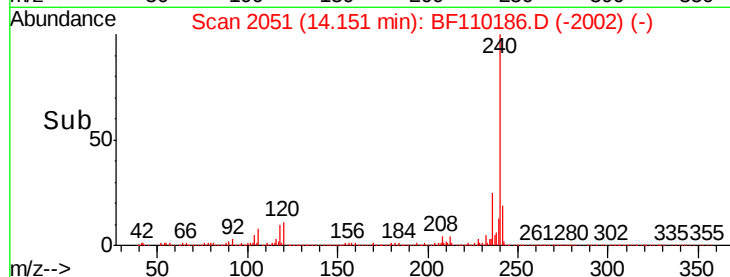
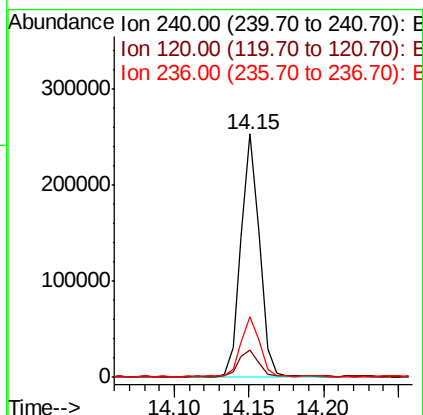
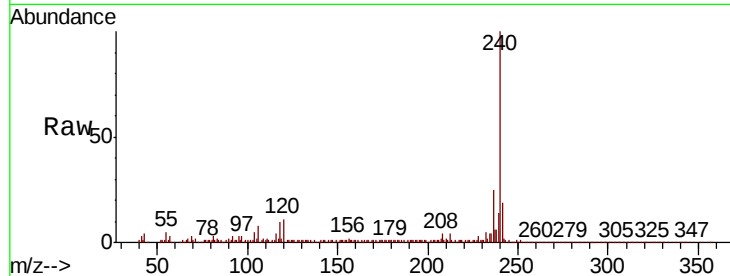




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF110186.D
Acq: 26 Oct 2018 3:02

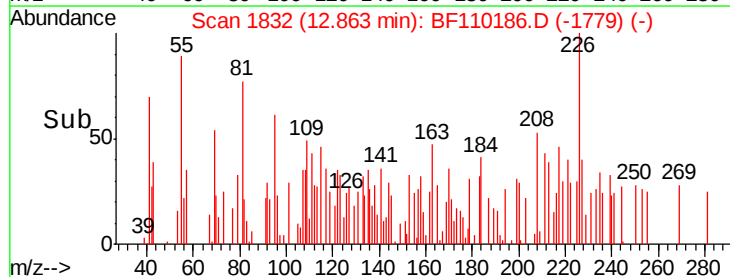
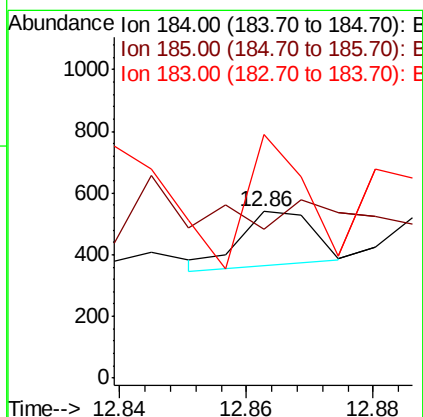
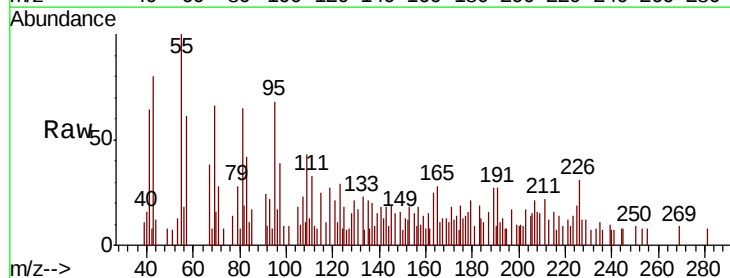
Instrument :
BNA_F
ClientSampleId :

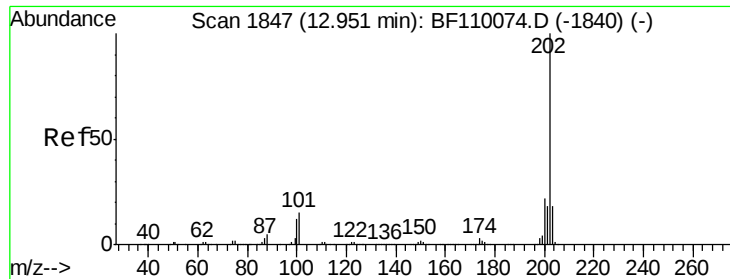
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.3	12.5
236	25.0	21.2	31.8



#77
Benzidine
Concen: 0.015 ng
RT: 12.86 min Scan# 1832
Delta R.T. 0.01 min
Lab File: BF110186.D
Acq: 26 Oct 2018 3:02

Tgt Ion	Ratio	Lower	Upper
184	100		
185	89.6	13.4	20.2#
183	146.1	9.4	14.2#





#78

Pvrene

Concen: 2.283 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.25 min

Lab File: BF110186.D

Acq: 26 Oct 2018 3:02

Instrument :

BNA_F

ClientSampleId :

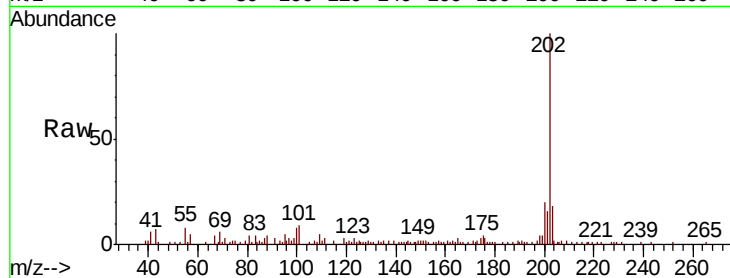
Tot Ion:202 Resp: 35971

Ion Ratio Lower Upper

202 100

200 20.0 17.8 26.6

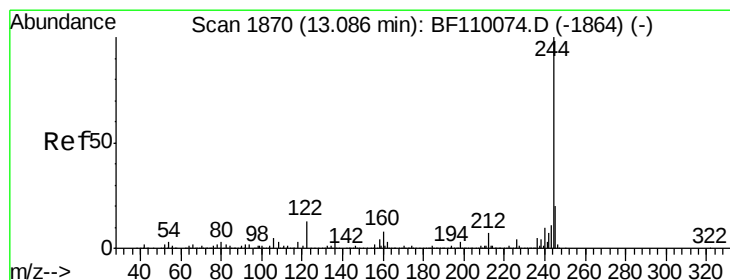
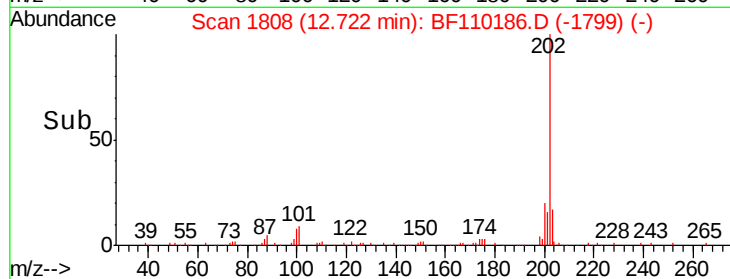
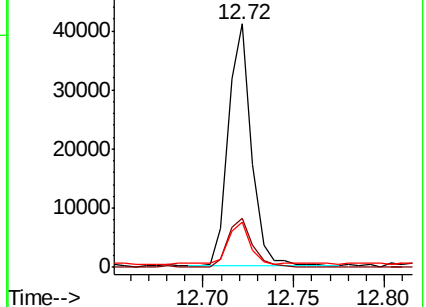
203 18.4 14.2 21.4



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: 4.542 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.02 min

Lab File: BF110186.D

Acq: 26 Oct 2018 3:02

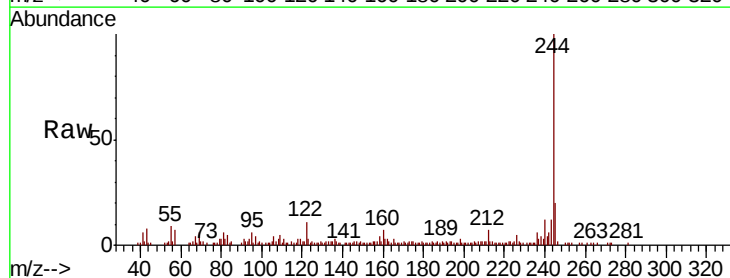
Tgt Ion:244 Resp: 47985

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

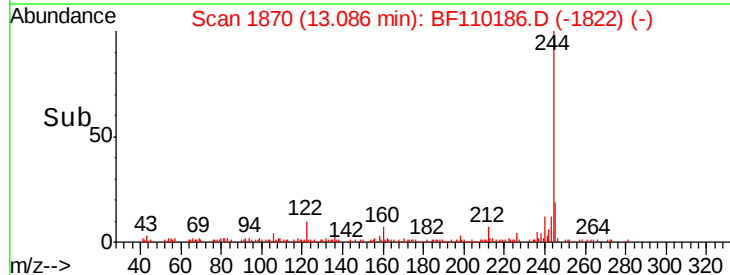
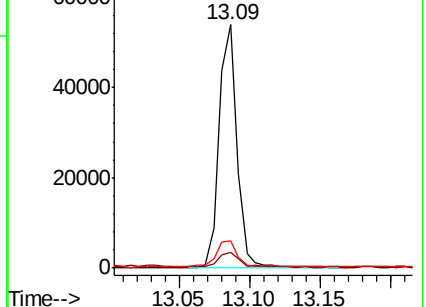
122 11.0 8.7 13.1

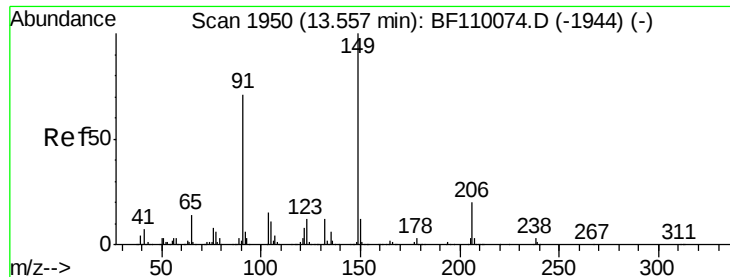


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

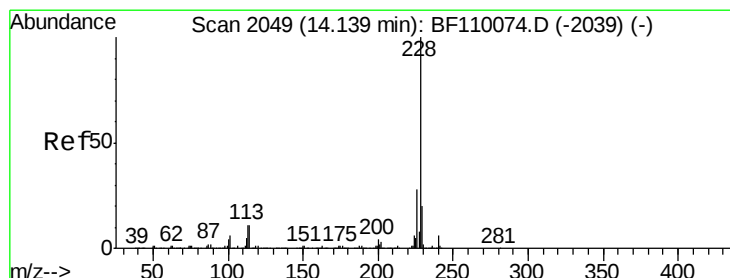
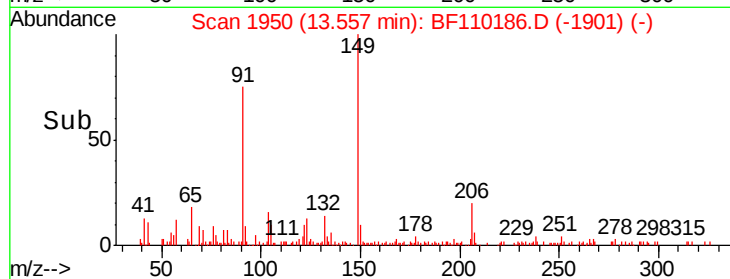
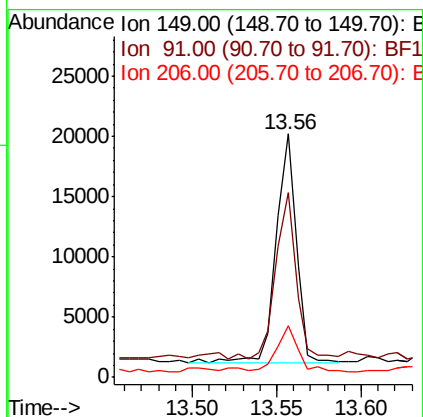
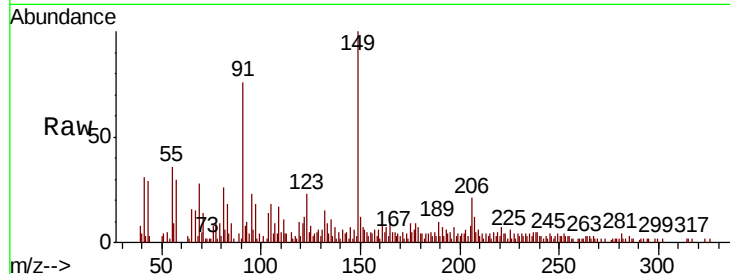




#80
Butylbenzylphthalate
Concen: 2.339 ng
RT: 13.56 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BF110186.D
Acq: 26 Oct 2018 3:02

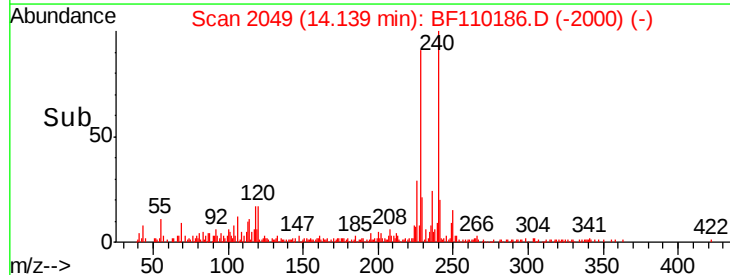
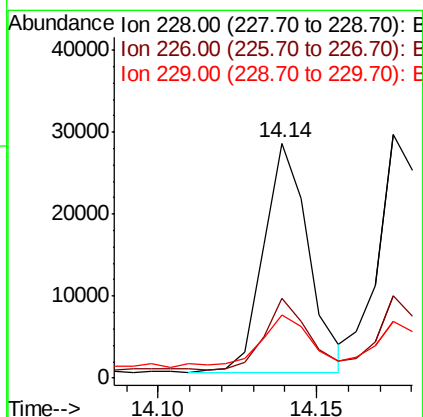
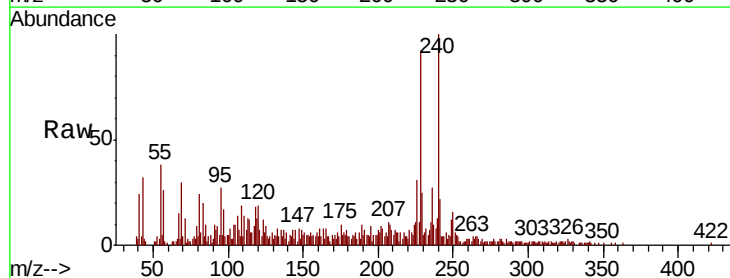
Instrument :
BNA_F
ClientSampleId :

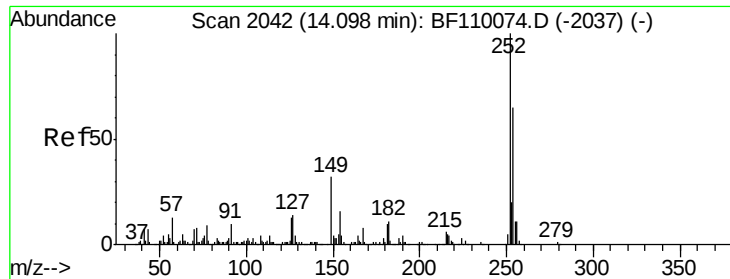
Tot Ion	Ratio	Lower	Upper
149	100		
91	76.1	57.2	85.8
206	21.1	15.7	23.5



#81
Benzo(a)anthracene
Concen: 2.132 ng
RT: 14.14 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BF110186.D
Acq: 26 Oct 2018 3:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.8	22.1	33.1#
229	27.1	15.6	23.4#

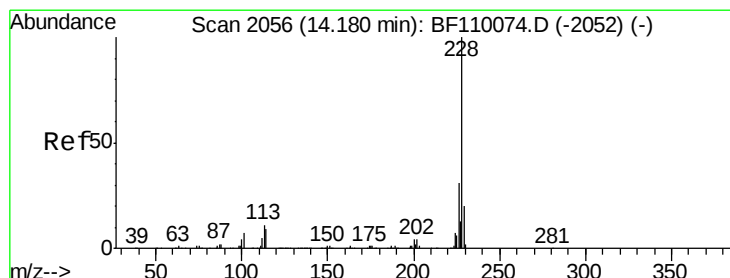
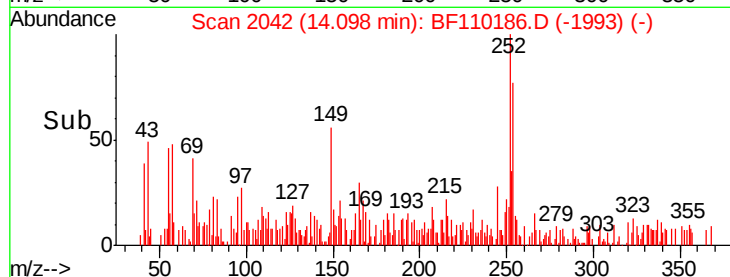
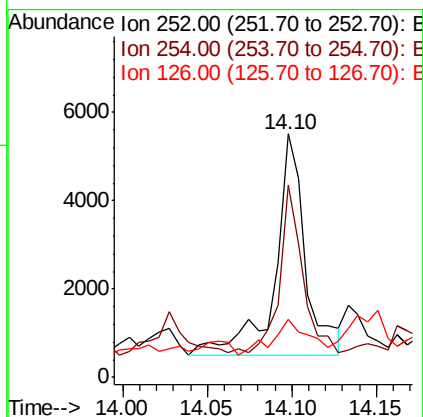
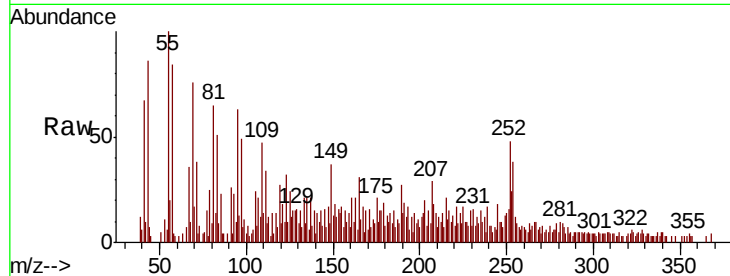




#82
 3,3'-Dichlorobenzidine
 Concen: 1.389 ng
 RT: 14.10 min Scan# 2042
 Delta R.T. -0.01 min
 Lab File: BF110186.D
 Acq: 26 Oct 2018 3:02

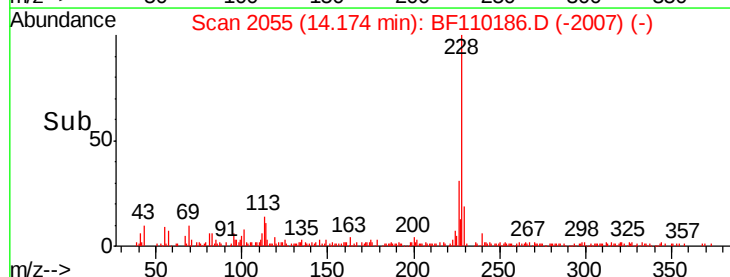
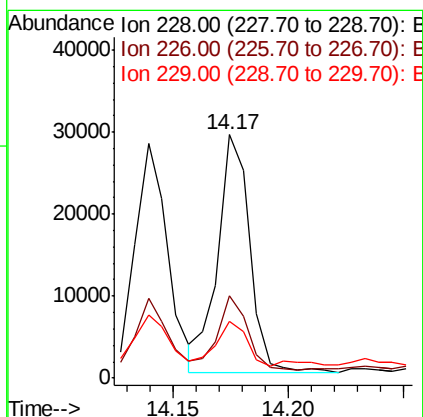
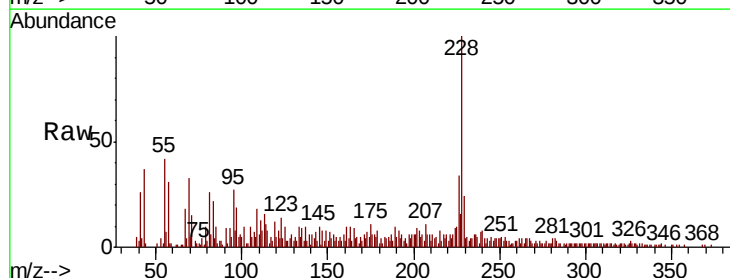
Instrument :
 BNA_F
 ClientSampled :

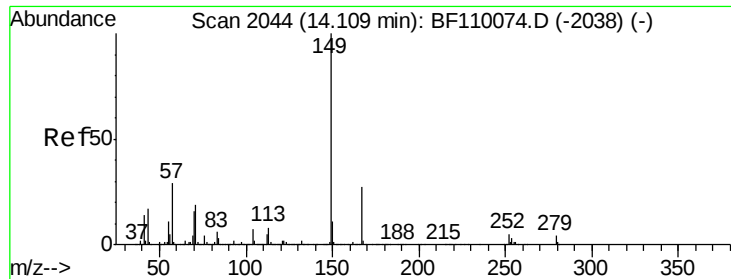
Tot Ion:252 Resp: 6304
 Ion Ratio Lower Upper
 252 100
 254 78.8 51.3 76.9#
 126 24.0 9.4 14.2#



#83
 Chrysene
 Concen: 2.260 ng
 RT: 14.17 min Scan# 2055
 Delta R.T. -0.02 min
 Lab File: BF110186.D
 Acq: 26 Oct 2018 3:02

Tgt Ion:228 Resp: 27966
 Ion Ratio Lower Upper
 228 100
 226 33.6 24.7 37.1
 229 23.5 15.9 23.9





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.276 ng

RT: 14.11 min Scan# 2044

Delta R.T. -0.02 min

Lab File: BF110186.D

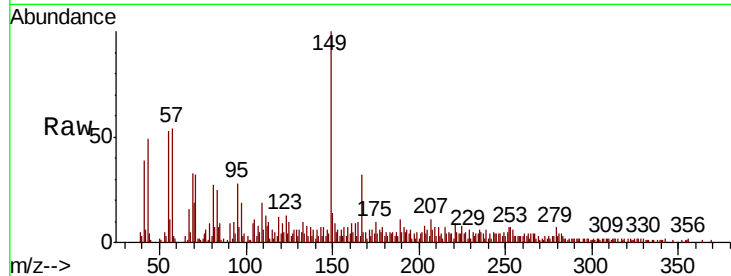
Acq: 26 Oct 2018 3:02

Instrument :

BNA_F

ClientSampleId :

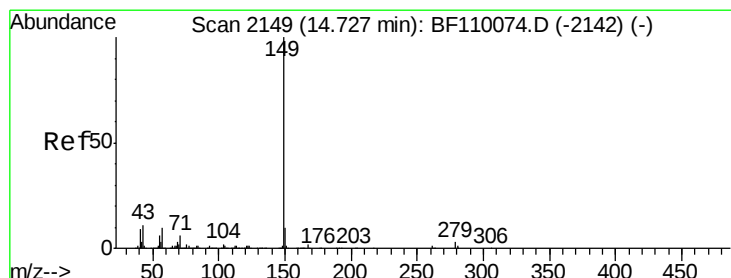
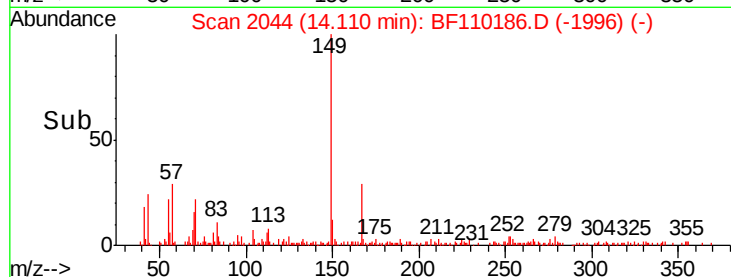
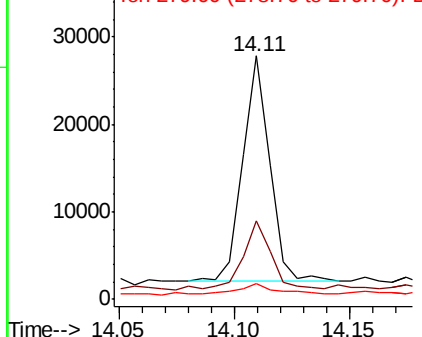
Tot Ion:149	Resp:	21037
Ion Ratio	Lower	Upper
149	100	
167	32.0	19.8 29.8#
279	6.6	2.7 4.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 2.223 ng

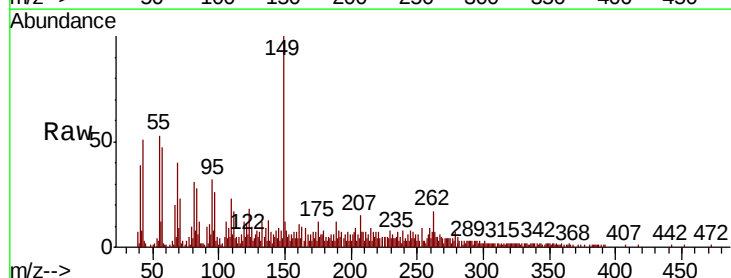
RT: 14.73 min Scan# 2149

Delta R.T. -0.02 min

Lab File: BF110186.D

Acq: 26 Oct 2018 3:02

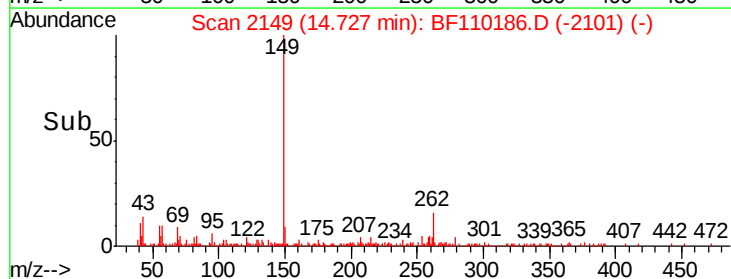
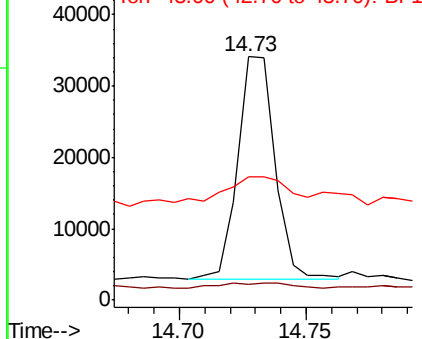
Tgt Ion:149	Resp:	31947
Ion Ratio	Lower	Upper
149	100	
167	4.5	1.1 1.7#
43	25.9	7.8 11.8#

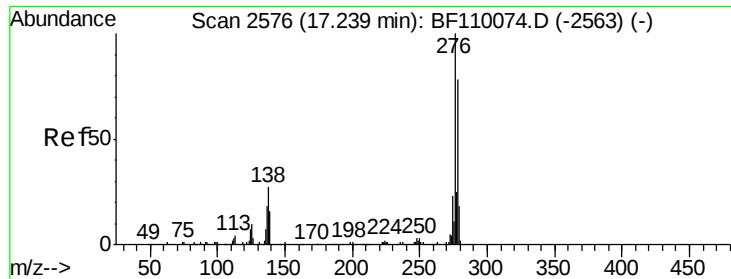


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

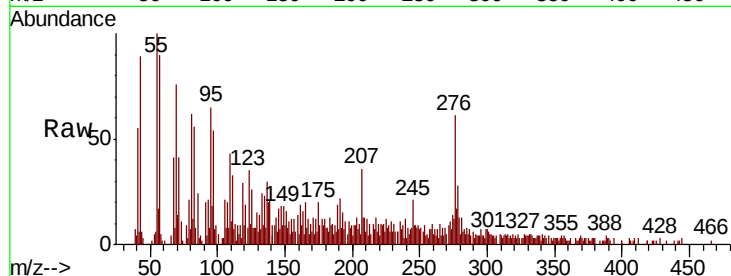




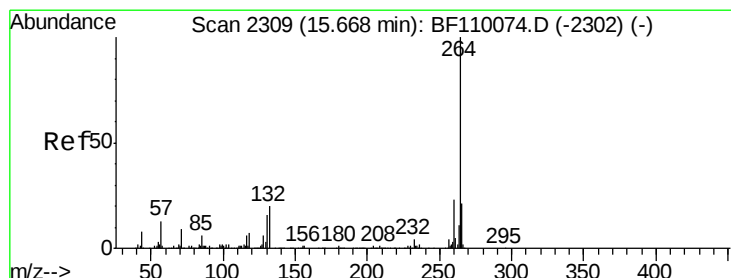
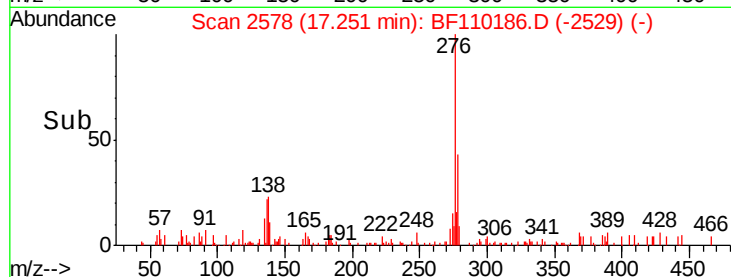
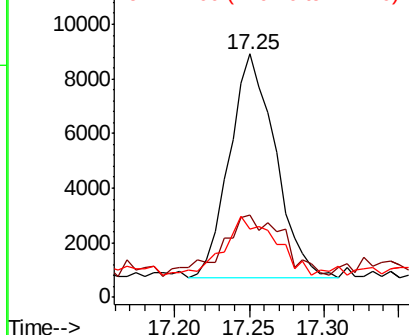
#86
Indeno(1,2,3-cd)pyrene
Concen: 1.693 ng
RT: 17.25 min Scan# 2578
Delta R.T. -0.01 min
Lab File: BF110186.D
Acq: 26 Oct 2018 3:02

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
276	100		
138	37.3	18.5	27.7#
277	26.2	20.0	30.0

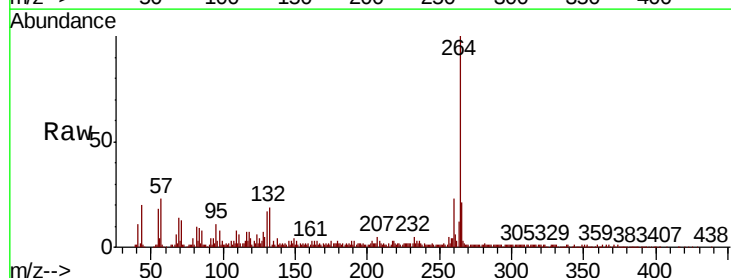


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

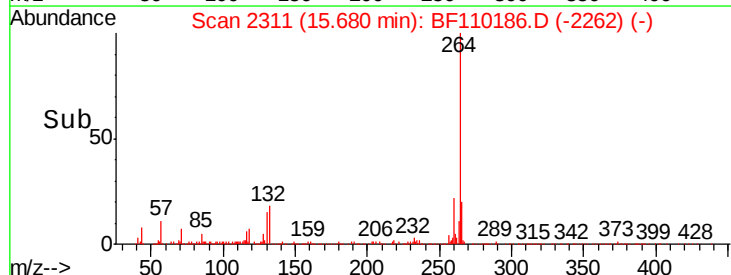
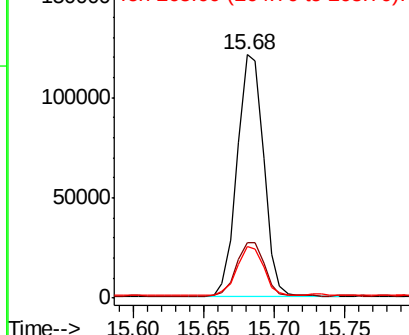


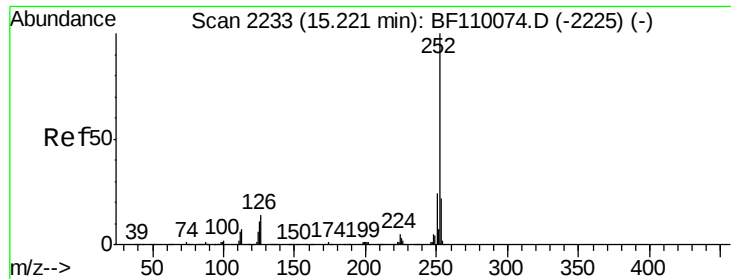
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2311
Delta R.T. -0.01 min
Lab File: BF110186.D
Acq: 26 Oct 2018 3:02

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.7	28.1
265	21.4	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

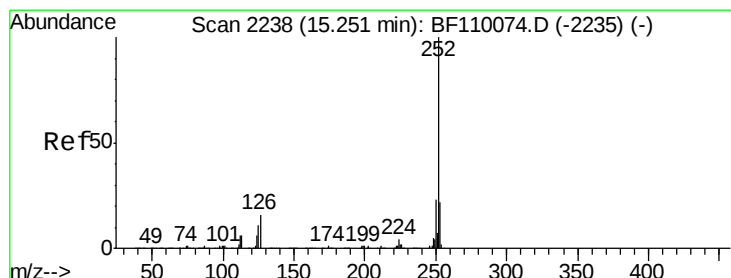
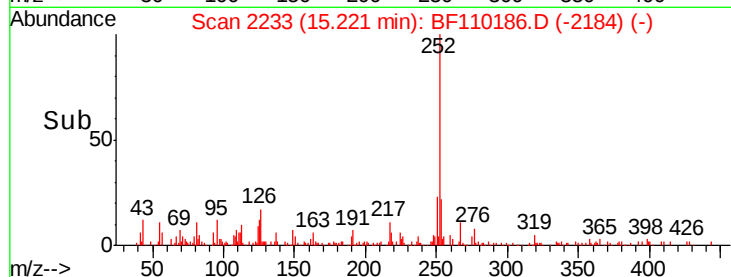
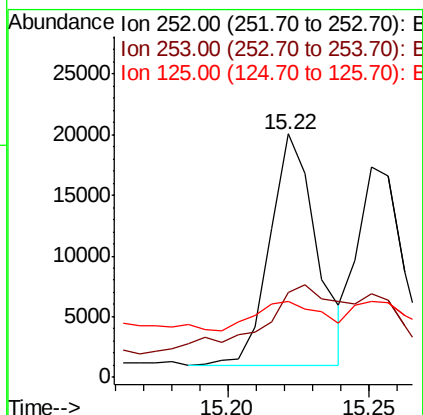
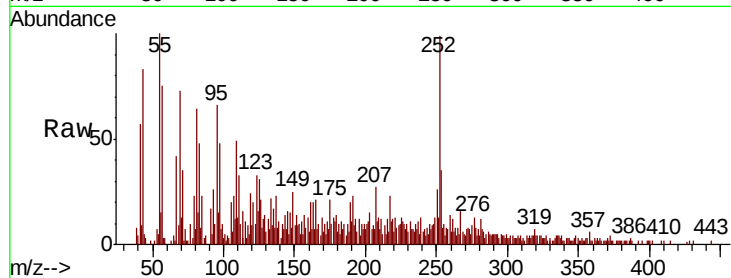




#88
Benzo(b)fluoranthene
Concen: 2.398 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BF110186.D
Acq: 26 Oct 2018 3:02

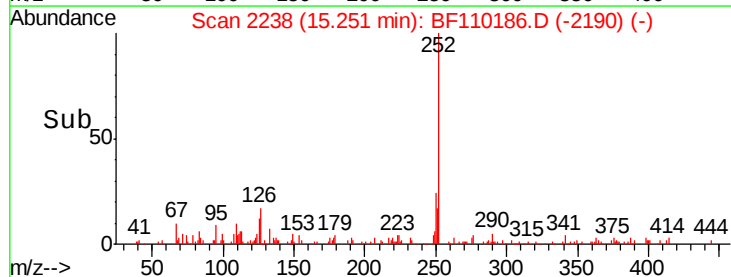
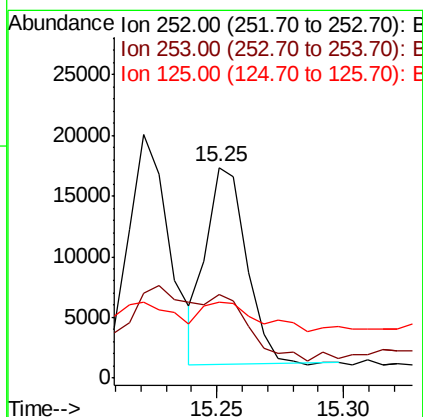
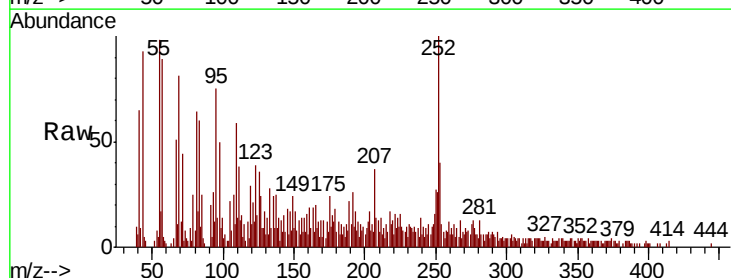
Instrument :
BNA_F
ClientSampleId :

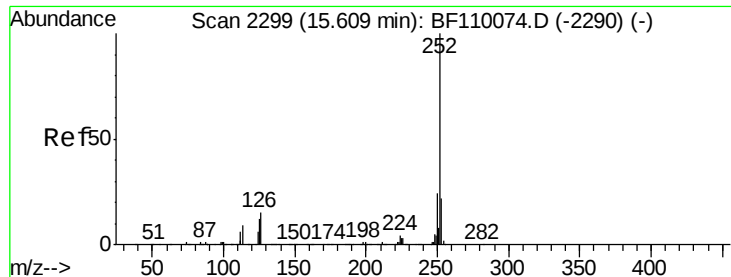
Tot Ion	Ratio	Lower	Upper
252	100		
253	35.0	17.2	25.8#
125	31.3	8.2	12.4#



#89
Benzo(k)fluoranthene
Concen: 1.968 ng
RT: 15.25 min Scan# 2238
Delta R.T. -0.02 min
Lab File: BF110186.D
Acq: 26 Oct 2018 3:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	39.7	17.2	25.8#
125	35.9	7.4	11.0#

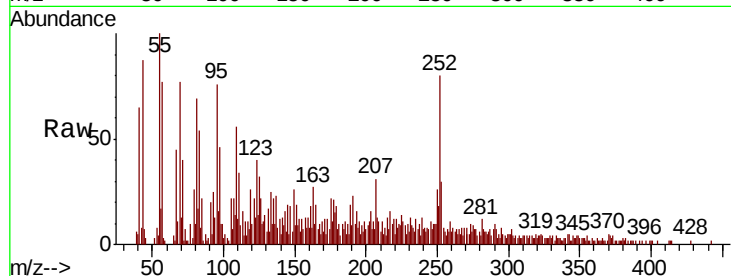




#90
Benzo(a)pyrene
Concen: 2.233 ng
RT: 15.62 min Scan# 2300
Delta R.T. -0.01 min
Lab File: BF110186.D
Acq: 26 Oct 2018 3:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	38.0	18.2	27.4#
125	39.4	9.0	13.6#

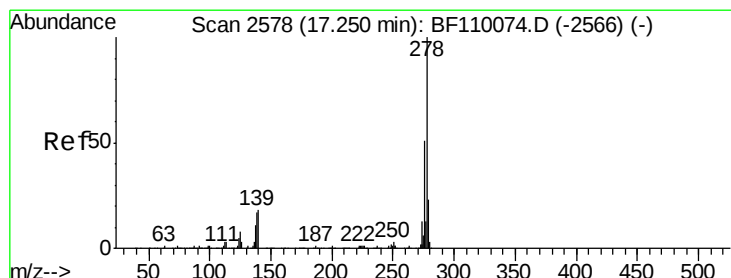
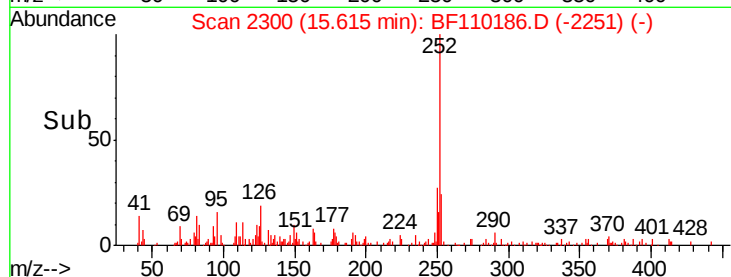
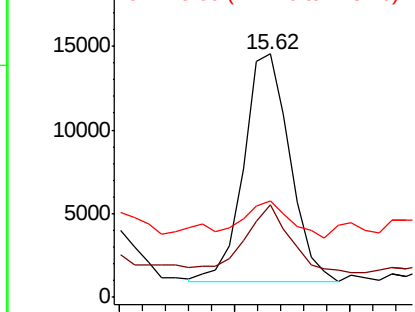


Abundance

Ion 252.00 (251.70 to 252.70): E

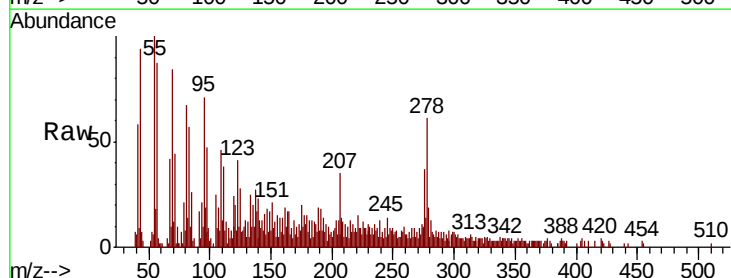
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91
Dibenzo(a,h)anthracene
Concen: 2.179 ng
RT: 17.27 min Scan# 2581
Delta R.T. -0.01 min
Lab File: BF110186.D
Acq: 26 Oct 2018 3:02

Tgt Ion	Ratio	Lower	Upper
278	100		
139	38.6	12.7	19.1#
279	31.2	19.0	28.4#

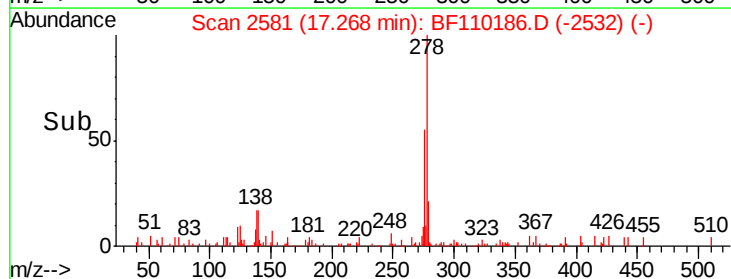
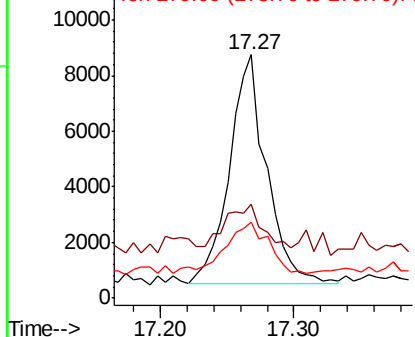


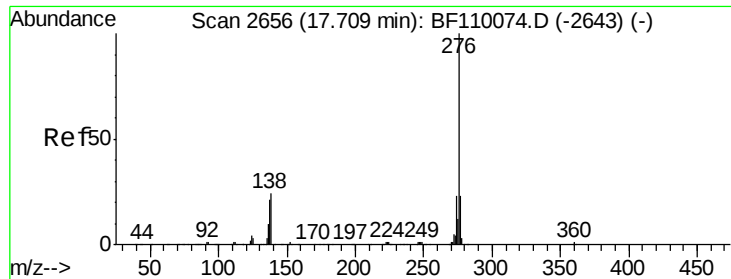
Abundance

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

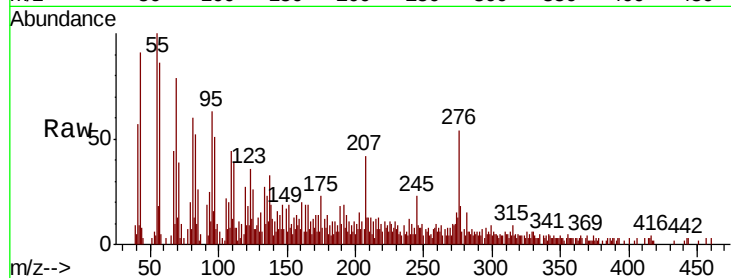




#92
 Benzo(a,h,i)perylene
 Concen: 2.034 ng
 RT: 17.73 min Scan# 2660
 Delta R.T. -0.01 min
 Lab File: BF110186.D
 Acq: 26 Oct 2018 3:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	33.2	18.8	28.2
138	35.1	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

