

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102518\
 Data File : BF110185.D
 Acq On : 26 Oct 2018 2:35
 Operator : JU/SJ
 Sample : J5626-02MS 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 26 07:26:00 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	119815	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	451797	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	178225	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	290208	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	215635	20.00	ng	-0.01
87) Perylene-d12	15.68	264	160490	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.58	112	39284	5.34	ng	-0.02
7) Phenol-d6	6.58	99	51000	5.42	ng	-0.02
23) Nitrobenzene-d5	7.52	82	28600	3.75	ng	-0.03
42) 2,4,6-Tribromophenol	10.80	330	7192	4.07	ng	-0.02
45) 2-Fluorobiphenyl	9.32	172	56507	4.98	ng	-0.02
79) Terphenyl-d14	13.09	244	45910	4.43	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.81	88	3329	0.864	ng	# 68
3) Pyridine	3.70	79	1911	0.223	ng	# 71
4) n-Nitrosodimethylamine	3.56	42	3832	1.065	ng	# 74
6) Aniline	6.63	93	7135	0.582	ng	# 61
8) 2-Chlorophenol	6.75	128	13924	1.641	ng	96
9) Benzaldehyde	6.52	77	6839	0.237	ng	91
10) Phenol	6.59	94	23021	2.288	ng	# 65
11) bis(2-Chloroethyl)ether	6.69	93	13756	1.662	ng	96
12) 1,3-Dichlorobenzene	6.91	146	14614	1.565	ng	94
13) 1,4-Dichlorobenzene	6.98	146	15305	1.621	ng	99
14) 1,2-Dichlorobenzene	7.13	146	14047	1.603	ng	100
15) Benzyl Alcohol	7.10	79	9980	1.379	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.23	45	21072	1.592	ng	70
17) 2-Methylphenol	7.20	107	10136	1.499	ng	# 85
18) Hexachloroethane	7.48	117	3038	0.879	ng	91
19) n-Nitroso-di-n-propylamine	7.36	70	8447	1.399	ng	# 90
20) 3+4-Methylphenols	7.36	107	13466	1.541	ng	# 74
22) Acetophenone	7.37	105	18646	1.791	ng	# 91
24) Nitrobenzene	7.55	77	12971	1.649	ng	89
25) Isophorone	7.78	82	23588	1.817	ng	# 91
26) 2-Nitrophenol	7.86	139	3047	0.814	ng	86
27) 2,4-Dimethylphenol	7.89	122	10606	1.709	ng	92
28) bis(2-Chloroethoxy)methane	7.99	93	15007	1.701	ng	95
29) 2,4-Dichlorophenol	8.11	162	9119	1.455	ng	93
30) 1,2,4-Trichlorobenzene	8.19	180	11685	1.664	ng	94
31) Naphthalene	8.27	128	39420	1.893	ng	99
32) Benzoic acid	7.89	122	10606	2.212	ng	# 9
33) 4-Chloroaniline	8.33	127	6784	0.724	ng	# 88
34) Hexachlorobutadiene	8.38	225	6713	1.722	ng	95
35) Caprolactam	8.65	113	324	0.148	ng	# 80
36) 4-Chloro-3-methylphenol	8.79	107	8504	1.255	ng	95
37) 2-Methylnaphthalene	8.96	142	24898	1.807	ng	95
38) 1-Methylnaphthalene	8.96	142	24898	1.870	ng	91
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	10417	1.876	ng	99

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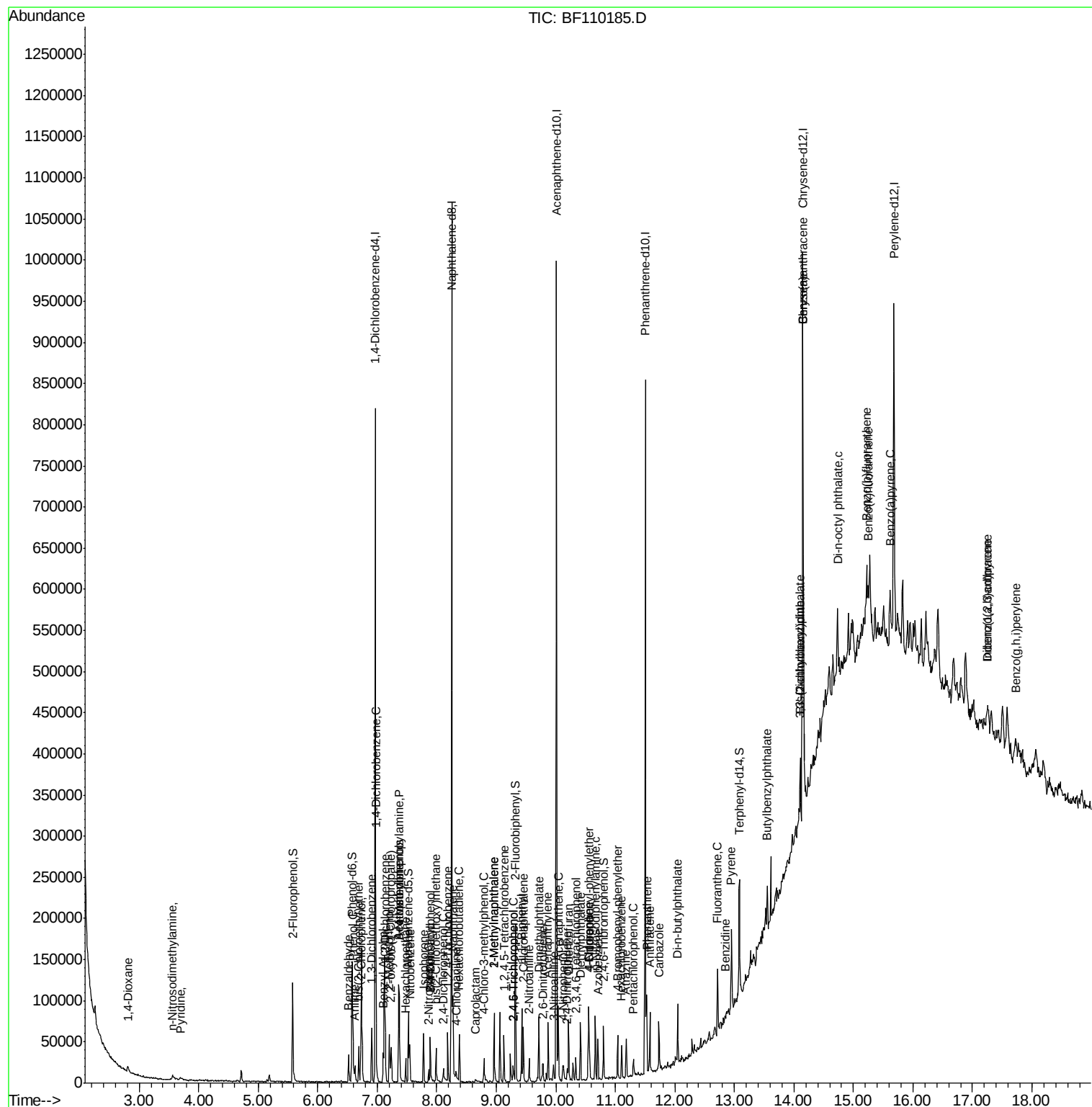
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.29	196	5656	1.579	ng	85
44) 2,4,5-Trichlorophenol	9.29	196	5656	1.494	ng	88
46) 1,1'-Biphenyl	9.43	154	29781	1.848	ng	94
47) 2-Chloronaphthalene	9.46	162	21316	1.803	ng	98
48) 2-Nitroaniline	9.55	65	5471	1.527	ng	98
49) Acenaphthylene	9.87	152	31170	1.825	ng	98
50) Dimethylphthalate	9.72	163	30333	2.306	ng	100
51) 2,6-Dinitrotoluene	9.78	165	2415	0.852	ng	93
52) Acenaphthene	10.04	154	18950	1.678	ng	98
53) 3-Nitroaniline	9.96	138	3786	1.123	ng	82
55) Dibenzofuran	10.22	168	26679	1.687	ng	96
56) 4-Nitrophenol	10.12	139	5412	2.170	ng	92
57) 2,4-Dinitrotoluene	10.19	165	2447	0.680	ng	# 96
58) Fluorene	10.56	166	20996	1.784	ng	96
59) 2,3,4,6-Tetrachlorophenol	10.33	232	4217	1.367	ng	# 95
60) Diethylphthalate	10.42	149	23012	1.792	ng	99
61) 4-Chlorophenyl-phenylether	10.55	204	10084	1.624	ng	97
62) 4-Nitroaniline	10.57	138	4015	1.198	ng	95
63) Azobenzene	10.71	77	18748	1.471	ng	93
66) n-Nitrosodiphenylamine	10.66	169	17834	1.874	ng	97
67) 4-Bromophenyl-phenylether	11.04	248	5386	1.711	ng	# 88
68) Hexachlorobenzene	11.11	284	5298	1.586	ng	# 88
69) Atrazine	11.19	200	5449	1.811	ng	99
70) Pentachlorophenol	11.30	266	3093	1.588	ng	96
71) Phenanthrene	11.53	178	31583	2.080	ng	98
72) Anthracene	11.58	178	29908	1.965	ng	98
73) Carbazole	11.73	167	24674	1.660	ng	97
74) Di-n-butylphthalate	12.05	149	34185	2.037	ng	98
75) Fluoranthene	12.72	202	33913	2.201	ng	100
77) Benzidine	12.84	184	629	0.069	ng	# 1
78) Pyrene	12.95	202	35452	2.293	ng	97
80) Butylbenzylphthalate	13.56	149	14106	2.102	ng	97
81) Benzo(a)anthracene	14.14	228	27929	2.184	ng	95
82) 3,3'-Dichlorobenzidine	14.10	252	5199	1.168	ng	# 89
83) Chrysene	14.14	228	27929	2.299	ng	96
84) Bis(2-ethylhexyl)phthalate	14.11	149	19958	2.200	ng	# 97
85) Di-n-octyl phthalate	14.73	149	29297	2.077	ng	# 86
86) Indeno(1,2,3-cd)pyrene	17.24	276	16829	1.670	ng	# 90
88) Benzo(b)fluoranthene	15.22	252	21043	2.271	ng	# 70
89) Benzo(k)fluoranthene	15.25	252	17635	1.936	ng	# 58
90) Benzo(a)pyrene	15.61	252	17856	2.094	ng	# 59
91) Dibenzo(a,h)anthracene	17.26	278	13387	1.819	ng	# 65
92) Benzo(g,h,i)perylene	17.73	276	13681	1.887	ng	# 71

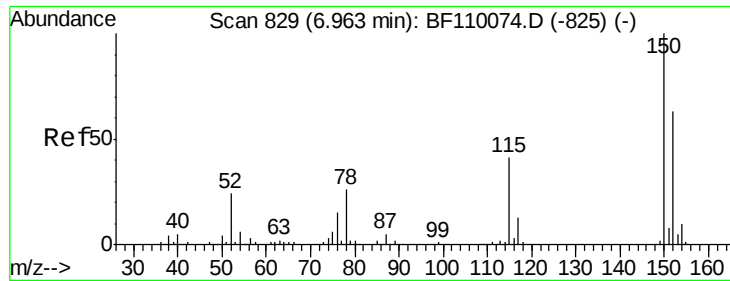
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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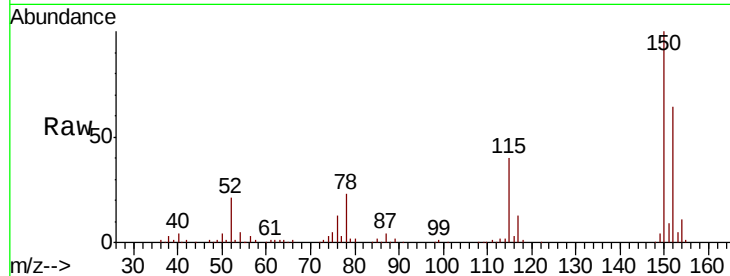




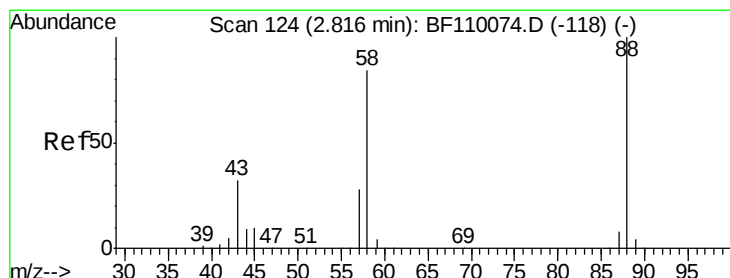
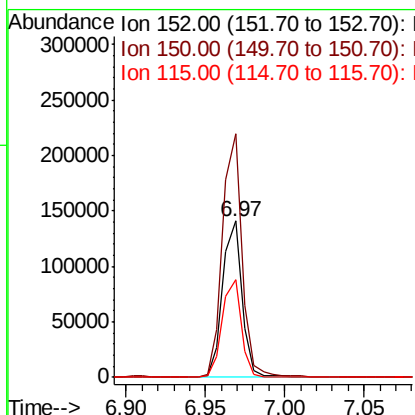
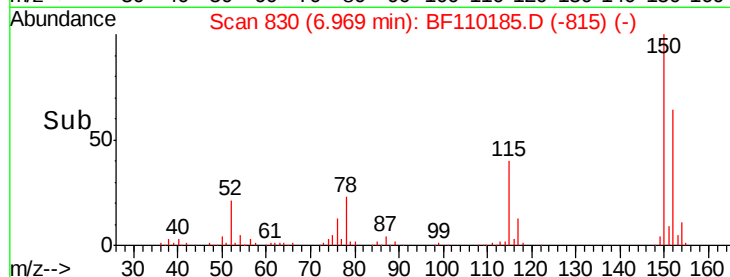
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BF110185.D
 Acq: 26 Oct 2018 2:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 119815
 Ion Ratio Lower Upper
 152 100
 150 155.9 122.7 184.1
 115 62.8 49.1 73.7

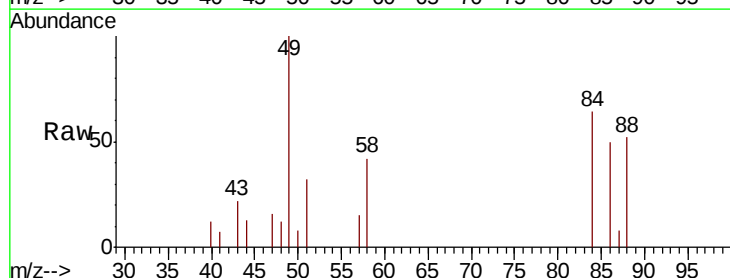


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

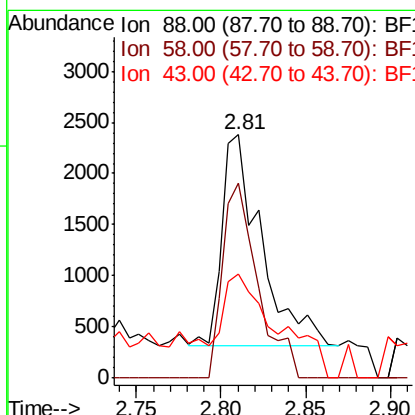
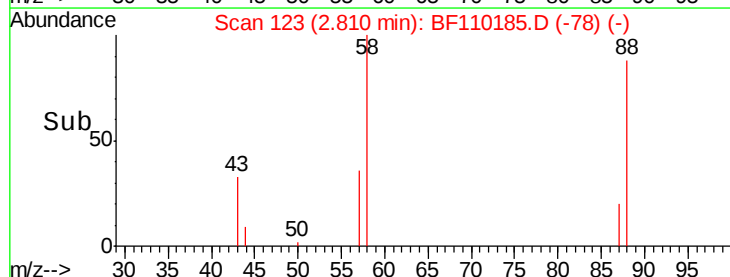


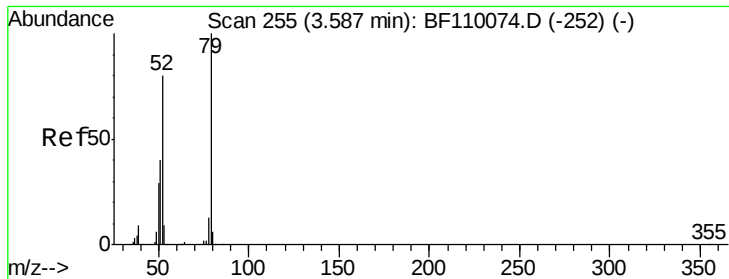
#2
 1,4-Dioxane
 Concen: 0.864 ng
 RT: 2.81 min Scan# 123
 Delta R.T. -0.04 min
 Lab File: BF110185.D
 Acq: 26 Oct 2018 2:35

Tgt Ion: 88 Resp: 3329
 Ion Ratio Lower Upper
 88 100
 58 83.1 57.1 85.7
 43 70.0 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: 0.223 ng

RT: 3.70 min Scan# 274

Delta R.T. 0.08 min

Lab File: BF110185.D

Acq: 26 Oct 2018 2:35

Instrument :

BNA_F

ClientSampled :

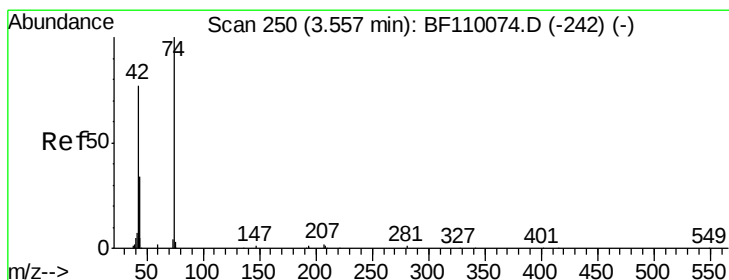
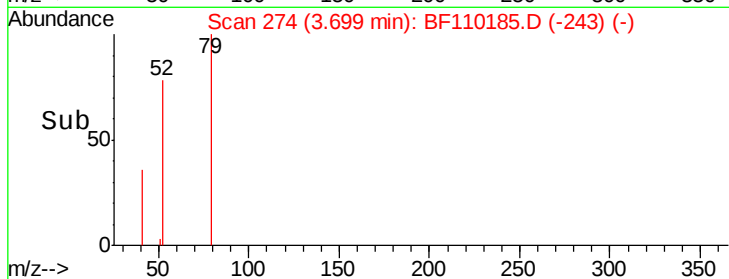
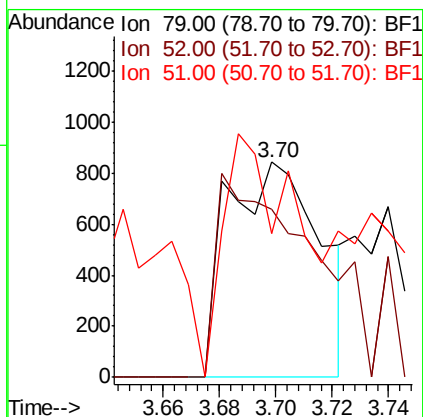
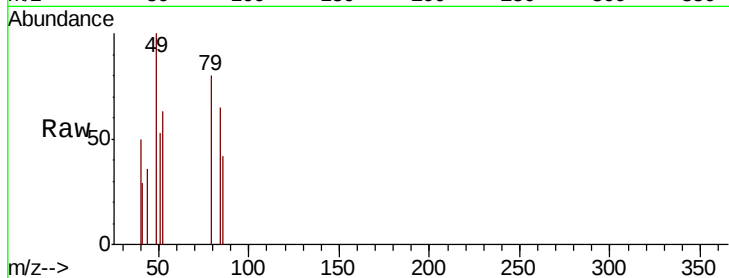
Tot Ion: 79 Resp: 1911

Ion Ratio Lower Upper

79 100

52 78.2 53.1 79.7

51 66.6 27.4 41.2#



#4

n-Nitrosodimethylamine

Concen: 1.065 ng

RT: 3.56 min Scan# 250

Delta R.T. -0.02 min

Lab File: BF110185.D

Acq: 26 Oct 2018 2:35

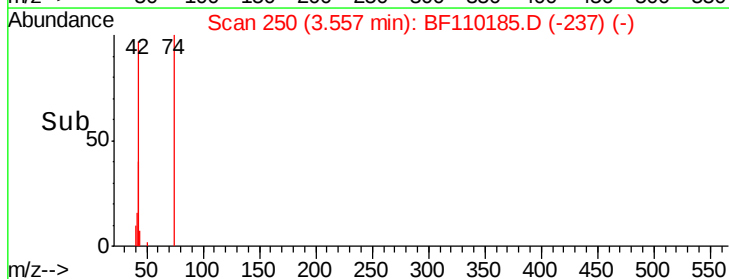
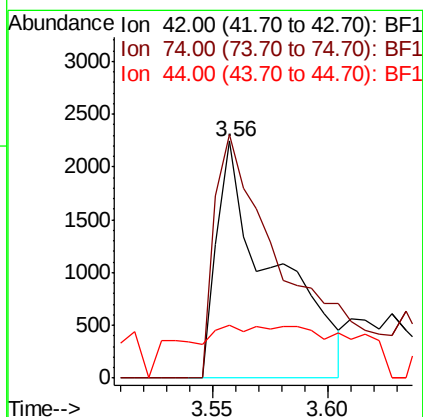
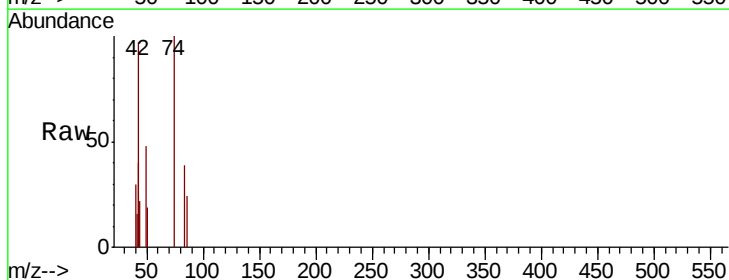
Tgt Ion: 42 Resp: 3832

Ion Ratio Lower Upper

42 100

74 102.8 105.5 158.3#

44 22.2 4.9 7.3#





#5

2-Fluorophenol

Concen: 5.339 ng

RT: 5.58 min Scan# 594

Delta R.T. -0.02 min

Lab File: BF110185.D

Acq: 26 Oct 2018 2:35

Instrument :

BNA_F

ClientSampled :

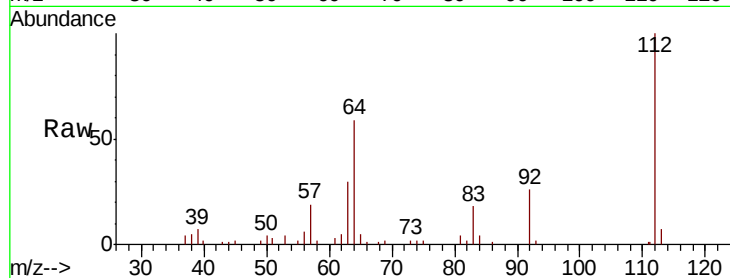
Tot Ion: 112 Resp: 39284

Ion Ratio Lower Upper

112 100

64 59.2 44.1 66.1

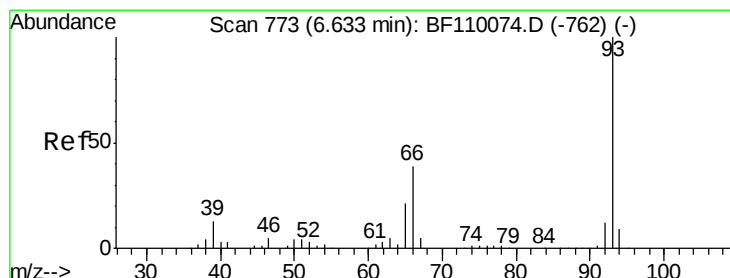
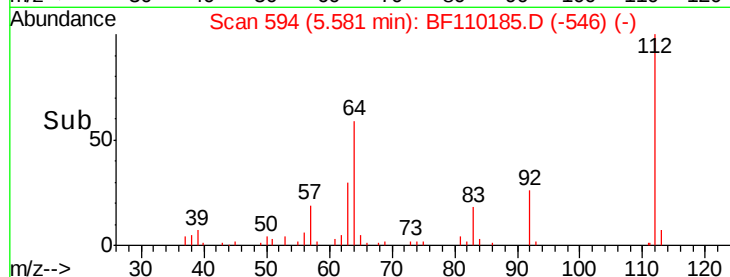
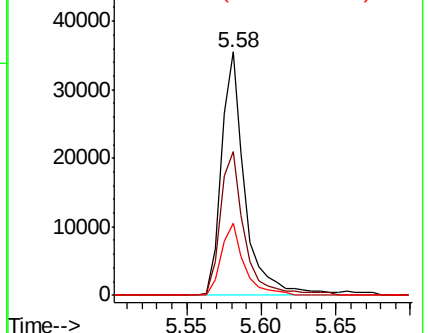
63 29.7 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 0.582 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.02 min

Lab File: BF110185.D

Acq: 26 Oct 2018 2:35

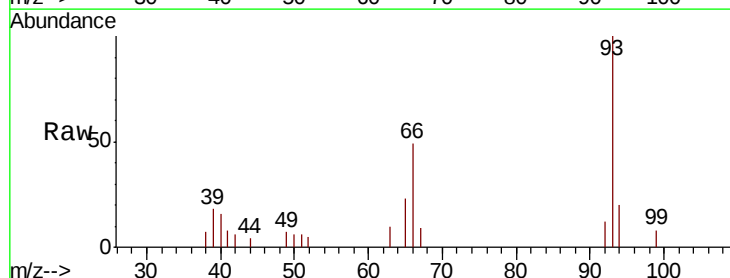
Tgt Ion: 93 Resp: 7135

Ion Ratio Lower Upper

93 100

66 49.5 67.4 101.0#

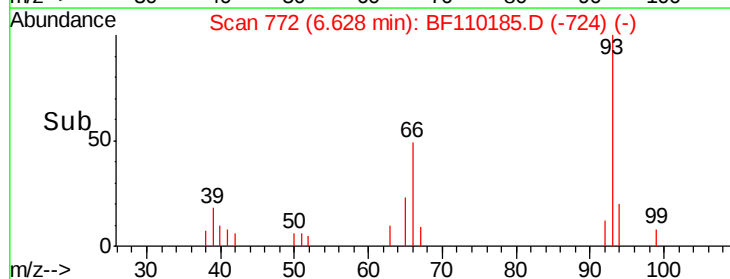
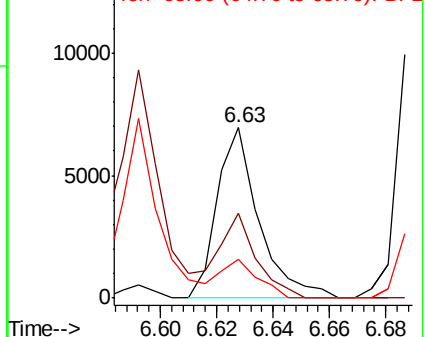
65 23.0 41.0 61.4#

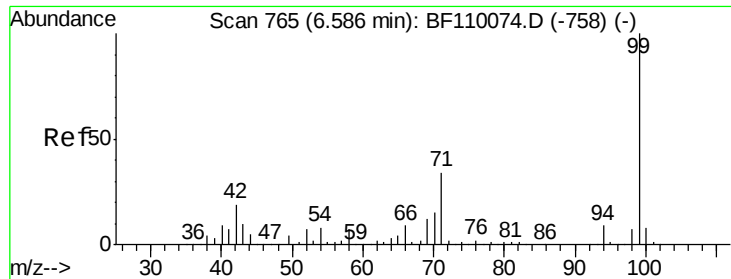


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 5.419 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF110185.D

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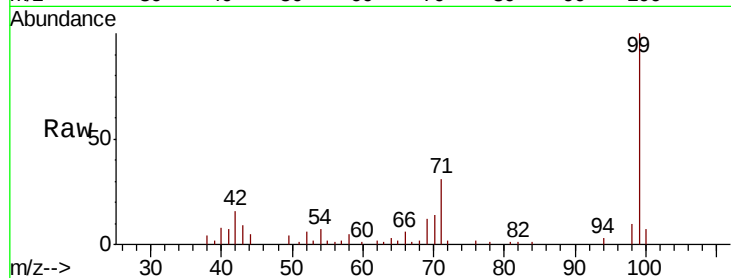
Tot Ion: 99 Resp: 51000

Ion Ratio Lower Upper

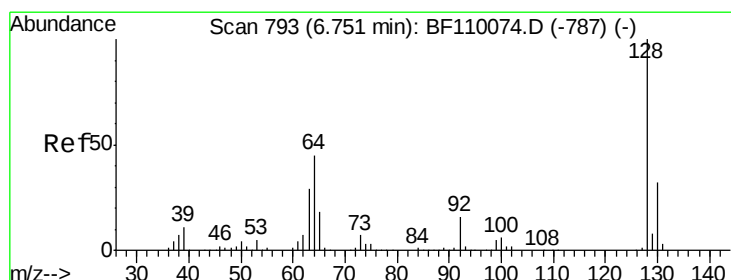
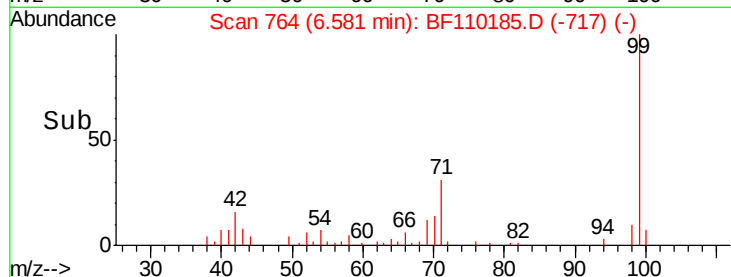
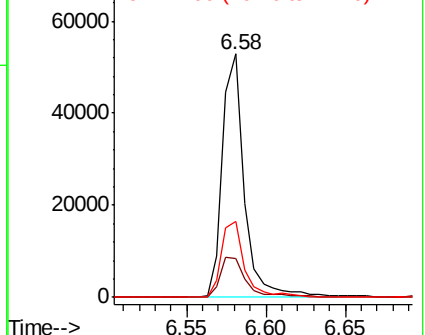
99 100

42 16.2 15.8 23.6

71 31.2 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: 1.641 ng

RT: 6.75 min Scan# 792

Delta R.T. -0.02 min

Lab File: BF110185.D

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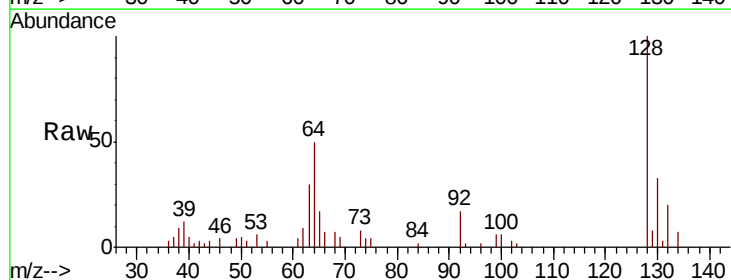
Tgt Ion: 128 Resp: 13924

Ion Ratio Lower Upper

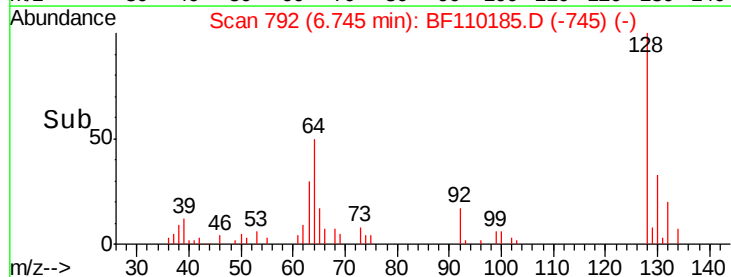
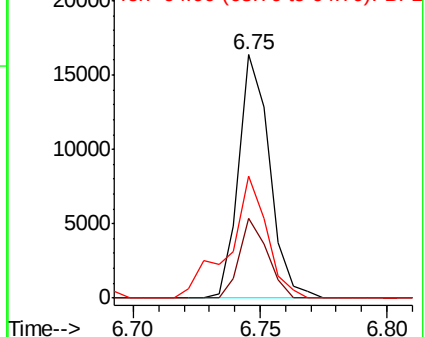
128 100

130 32.5 13.1 53.1

64 50.3 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

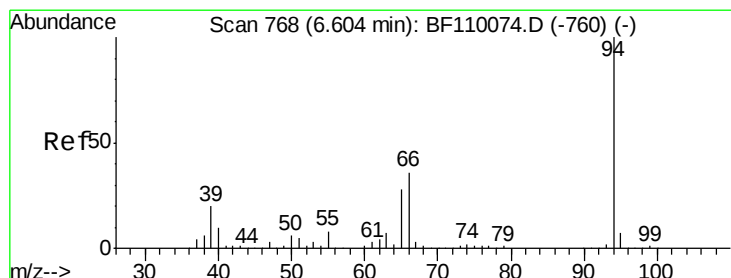
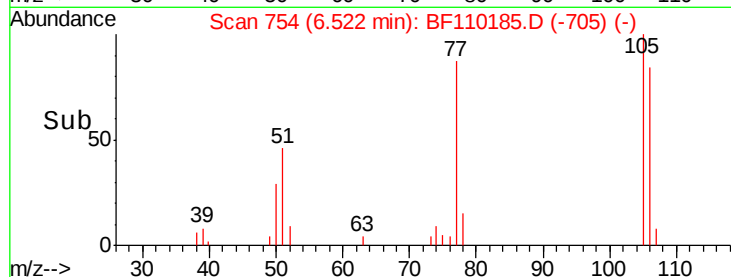
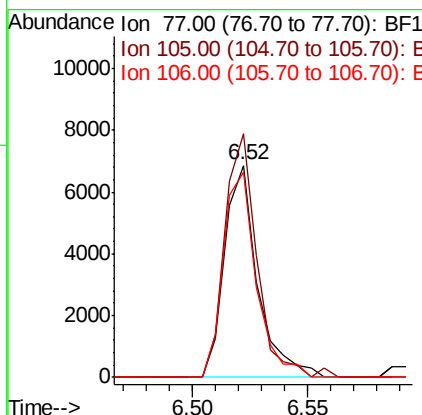
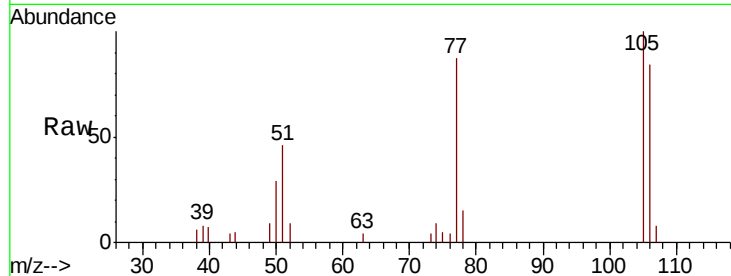




#9
Benzaldehyde
Concen: 0.237 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF110185.D
Acq: 26 Oct 2018 2:35

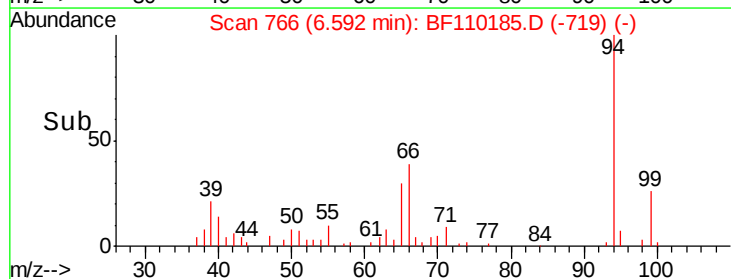
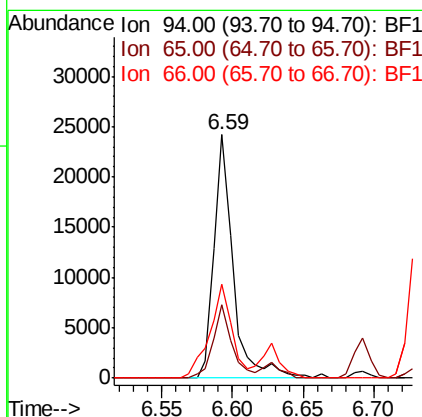
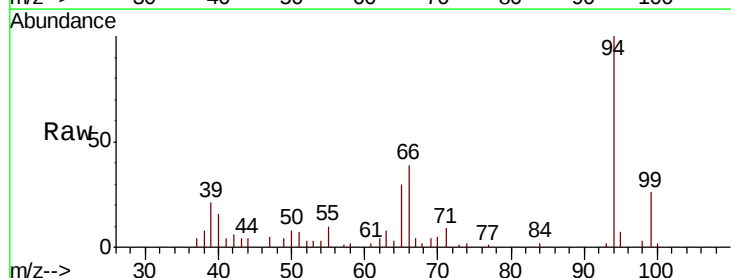
Instrument :
BNA_F
ClientSampled :

Tot Ion: 77 Resp: 6839
Ion Ratio Lower Upper
77 100
105 114.8 78.6 118.6
106 96.8 74.8 114.8



#10
Phenol
Concen: 2.288 ng
RT: 6.59 min Scan# 766
Delta R.T. -0.02 min
Lab File: BF110185.D
Acq: 26 Oct 2018 2:35

Tgt Ion: 94 Resp: 23021
Ion Ratio Lower Upper
94 100
65 30.2 25.3 65.3
66 38.6 54.5 94.5#

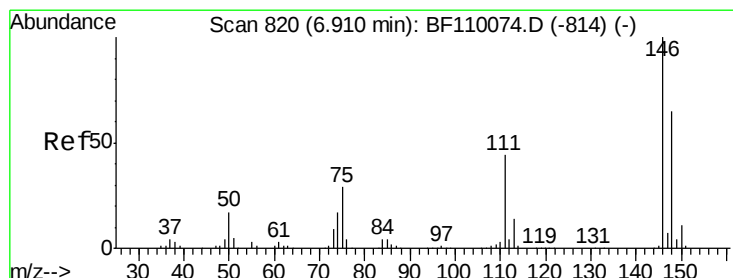
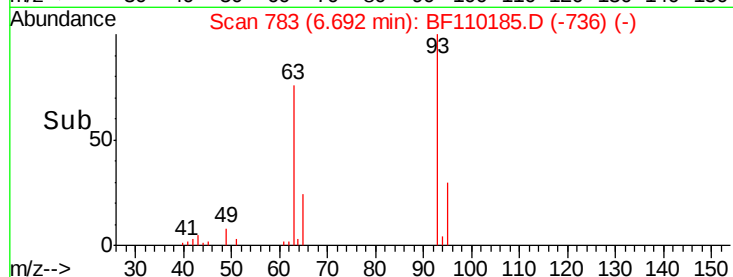
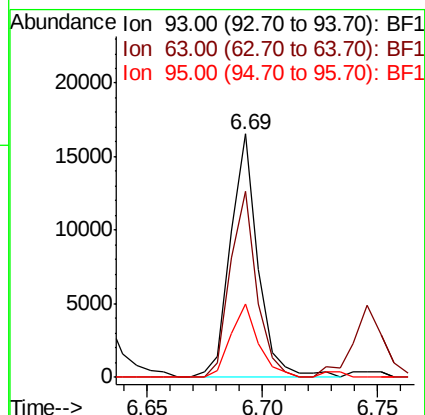
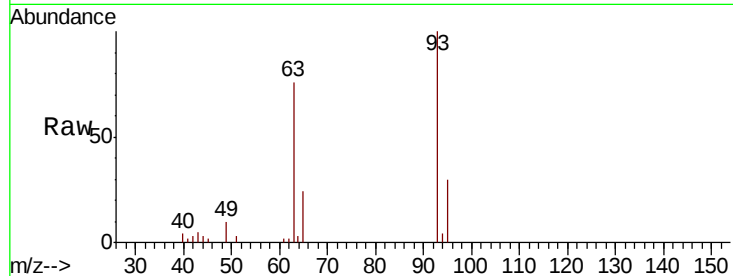




#11
 bis(2-Chloroethyl)ether
 Concen: 1.662 ng
 RT: 6.69 min Scan# 783
 Delta R.T. -0.02 min
 Lab File: BF110185.D
 Acq: 26 Oct 2018 2:35

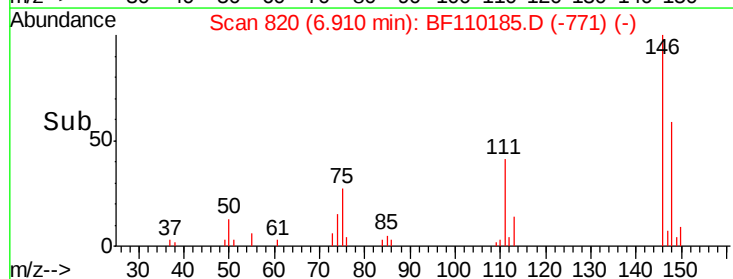
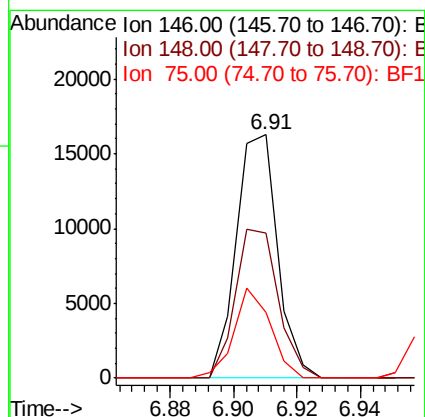
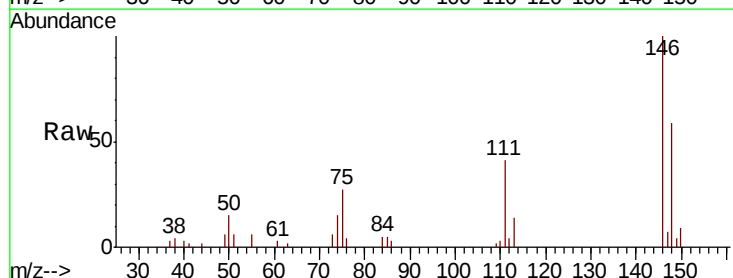
Instrument :
 BNA_F
 ClientSampleId :

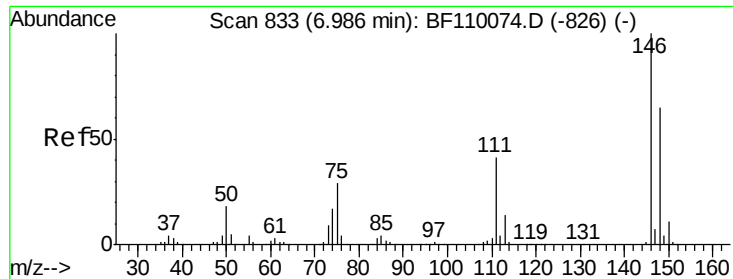
Tot Ion	93	Resp	13756
Ion	Ratio	Lower	Upper
93	100		
63	76.4	53.4	93.4
95	30.0	12.1	52.1



#12
 1,3-Dichlorobenzene
 Concen: 1.565 ng
 RT: 6.91 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BF110185.D
 Acq: 26 Oct 2018 2:35

Tgt Ion	146	Resp	14614
Ion	Ratio	Lower	Upper
146	100		
148	59.4	50.4	75.6
75	26.8	25.8	38.6

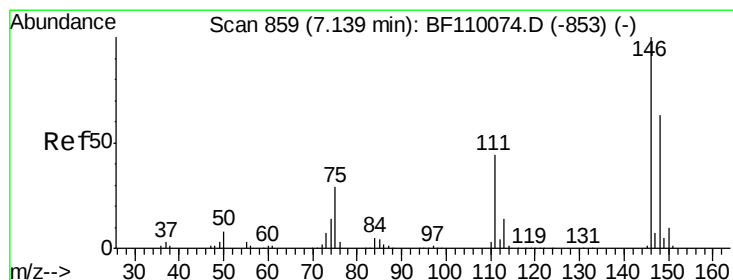
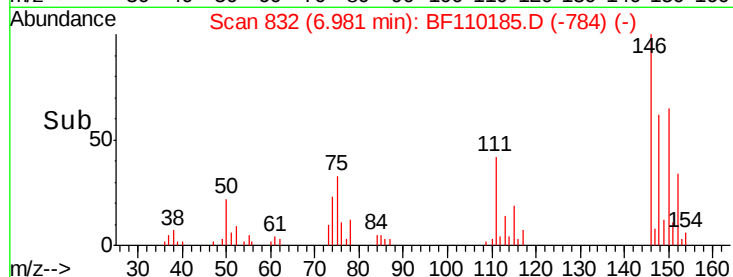
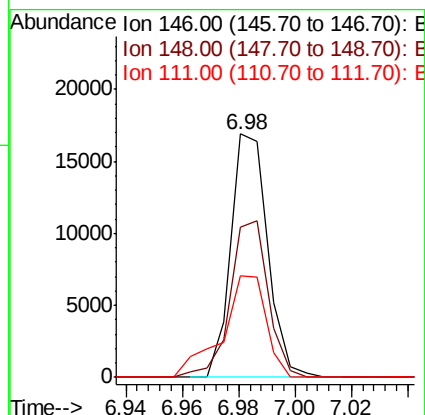
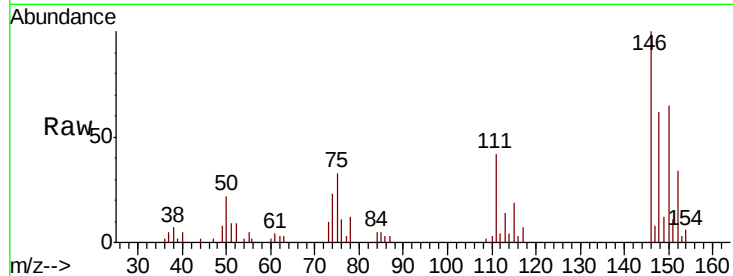




#13
 1,4-Dichlorobenzene
 Concen: 1.621 ng
 RT: 6.98 min Scan# 832
 Delta R.T. -0.02 min
 Lab File: BF110185.D
 Acq: 26 Oct 2018 2:35

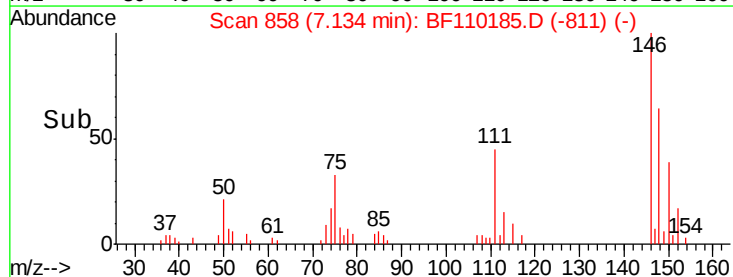
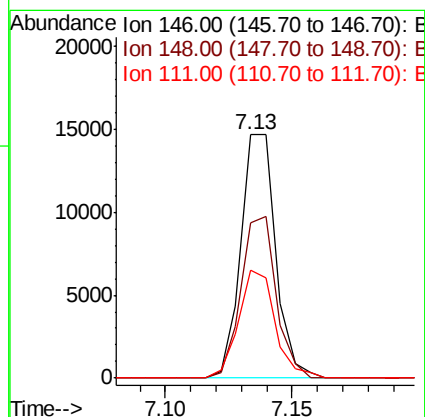
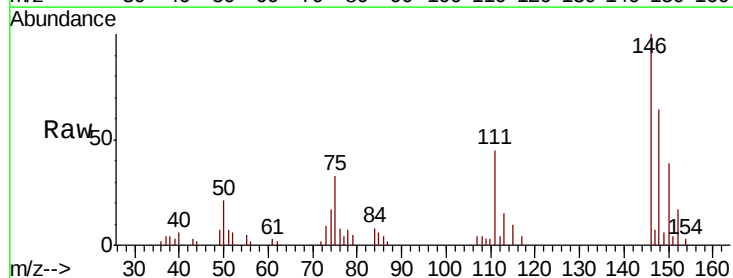
Instrument :
 BNA_F
 ClientSampleId :

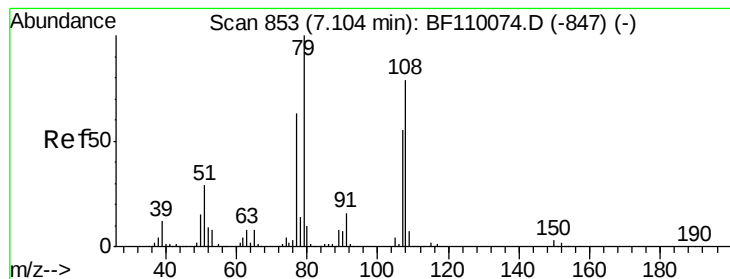
Tot Ion:146 Resp: 15305
 Ion Ratio Lower Upper
 146 100
 148 61.9 50.3 75.5
 111 41.6 32.7 49.1



#14
 1,2-Dichlorobenzene
 Concen: 1.603 ng
 RT: 7.13 min Scan# 858
 Delta R.T. -0.02 min
 Lab File: BF110185.D
 Acq: 26 Oct 2018 2:35

Tgt Ion:146 Resp: 14047
 Ion Ratio Lower Upper
 146 100
 148 63.5 51.1 76.7
 111 44.6 35.8 53.6





#15

Benzyl Alcohol

Concen: 1.379 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.02 min

Lab File: BF110185.D

Acq: 26 Oct 2018 2:35

Instrument :

BNA_F

ClientSampleId :

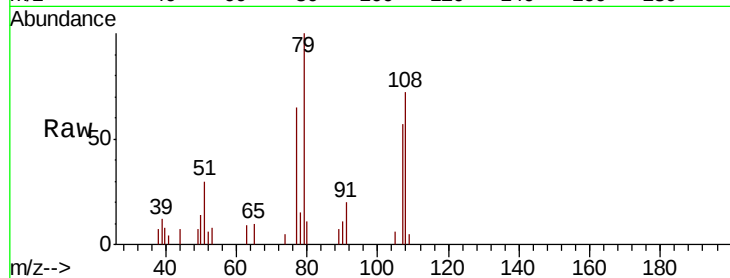
Tot Ion: 79 Resp: 9980

Ion Ratio Lower Upper

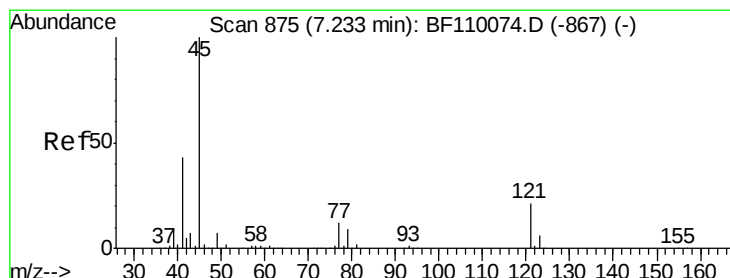
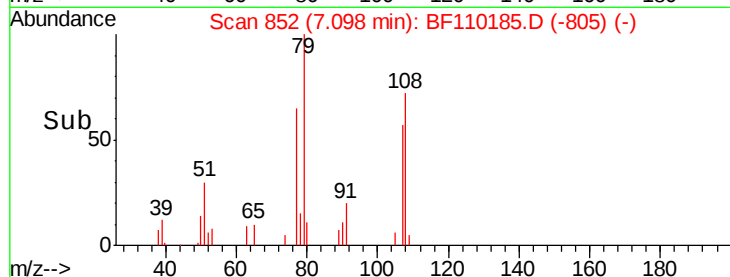
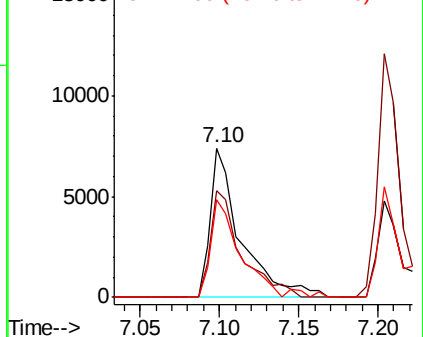
79 100

108 71.5 56.3 84.5

77 65.2 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: 1.592 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.02 min

Lab File: BF110185.D

Acq: 26 Oct 2018 2:35

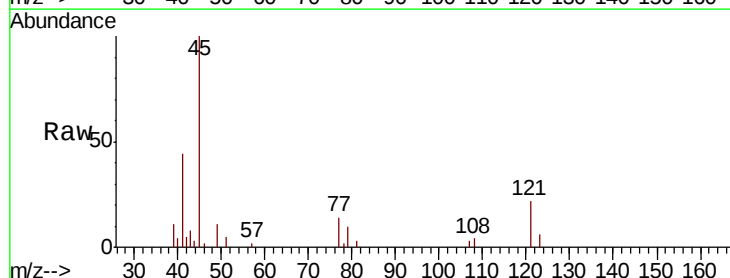
Tgt Ion: 45 Resp: 21072

Ion Ratio Lower Upper

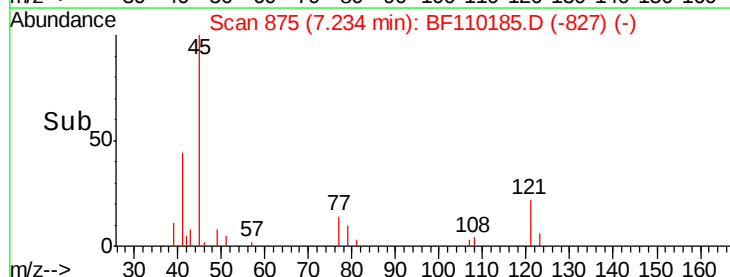
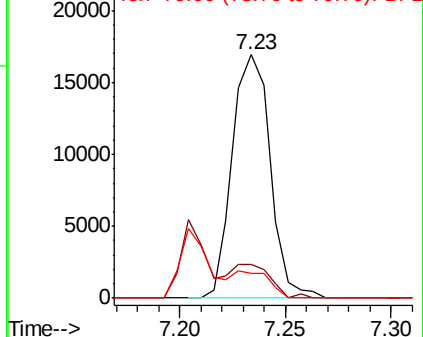
45 100

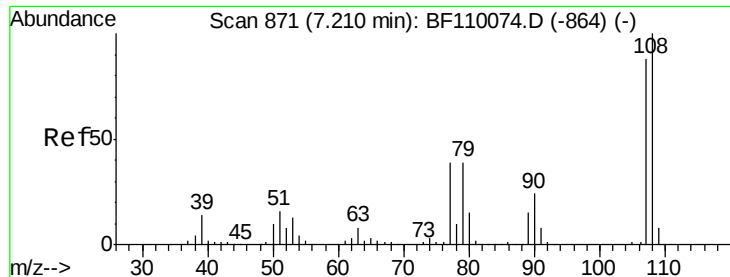
77 14.1 10.0 50.0

79 10.3 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

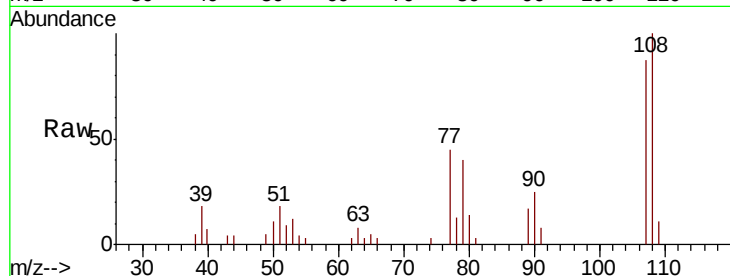




#17
2-Methylphenol
Concen: 1.499 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.02 min
Lab File: BF110185.D
Acq: 26 Oct 2018 2:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.5	92.6	138.8
77	52.0	59.4	89.2
79	45.5	54.0	81.0



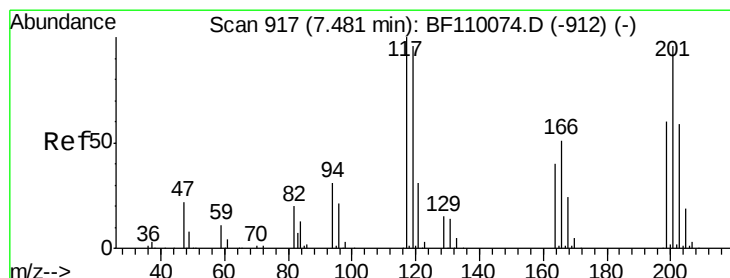
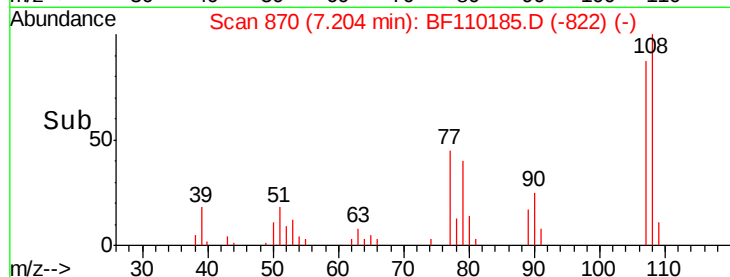
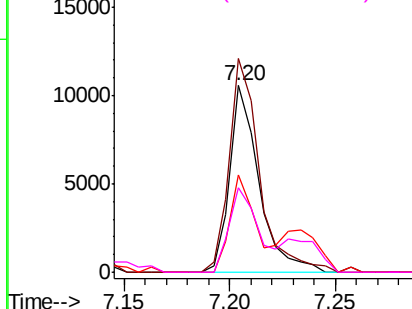
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

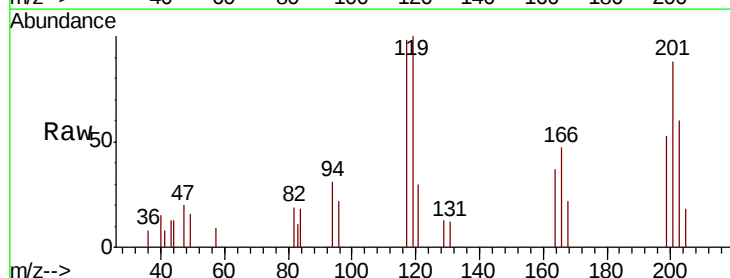
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 0.879 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.02 min
Lab File: BF110185.D
Acq: 26 Oct 2018 2:35

Tgt Ion	Ratio	Lower	Upper
117	100		
119	101.9	75.0	112.6
201	89.8	79.2	118.8

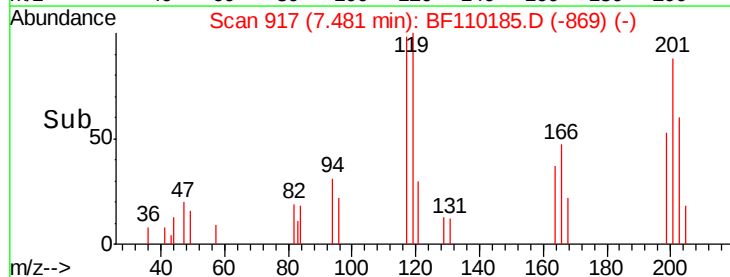
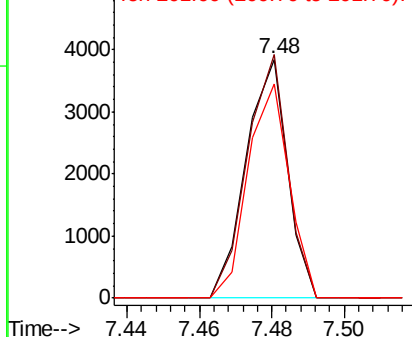


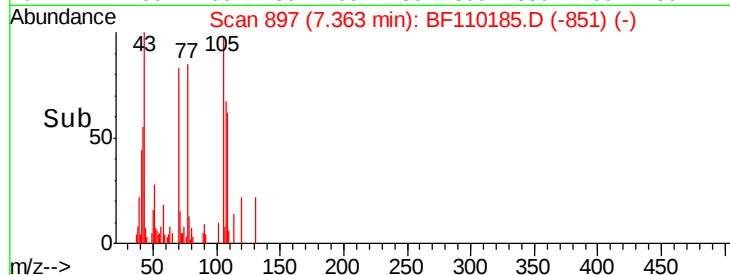
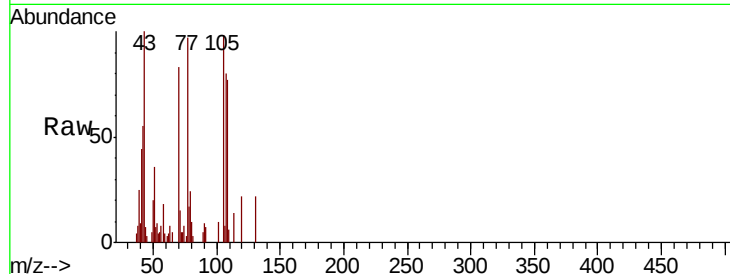
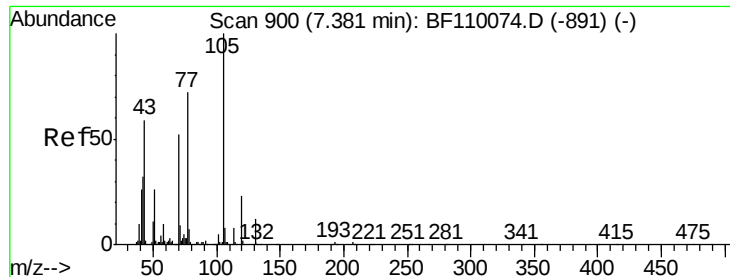
Abundance

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

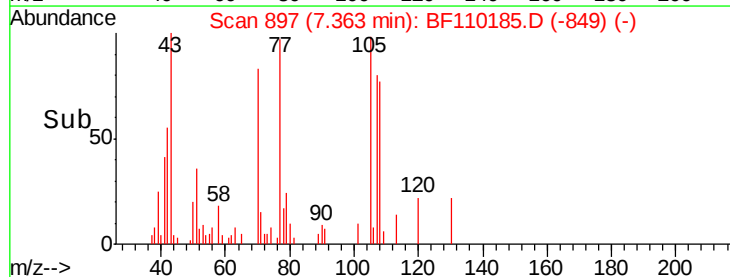
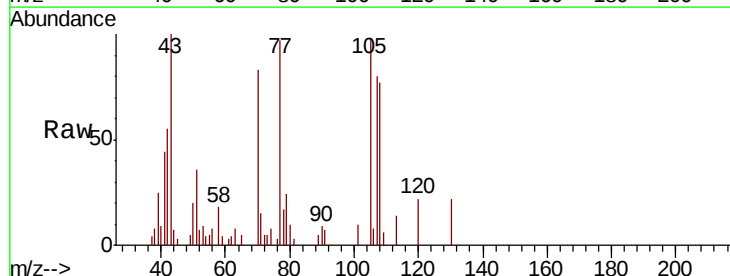
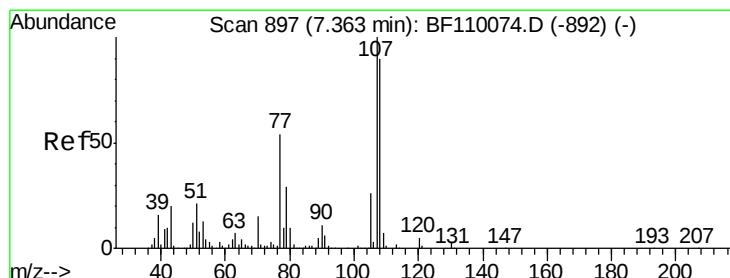
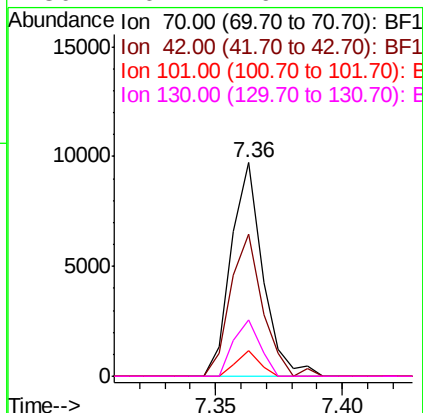




#19
n-Nitroso-di-n-propylamine
Concen: 1.399 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.03 min
Lab File: BF110185.D
Acq: 26 Oct 2018 2:35

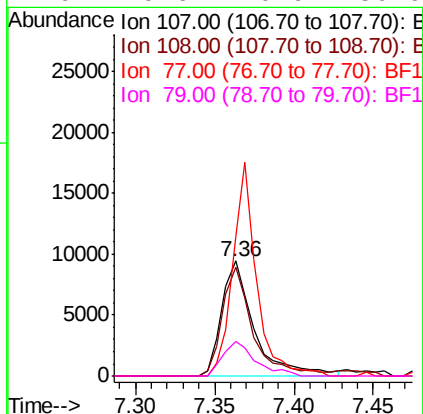
Instrument :
BNA_F
ClientSampled :

Tot Ion: 70 Resp: 8447
Ion Ratio Lower Upper
70 100
42 66.5 47.4 71.2
101 11.7 7.3 10.9#
130 26.4 16.2 24.2#



#20
3+4-Methylphenols
Concen: 1.541 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.02 min
Lab File: BF110185.D
Acq: 26 Oct 2018 2:35

Tgt Ion: 107 Resp: 13466
Ion Ratio Lower Upper
107 100
108 95.2 71.4 111.4
77 120.9 47.3 87.3#
79 29.6 10.9 50.9

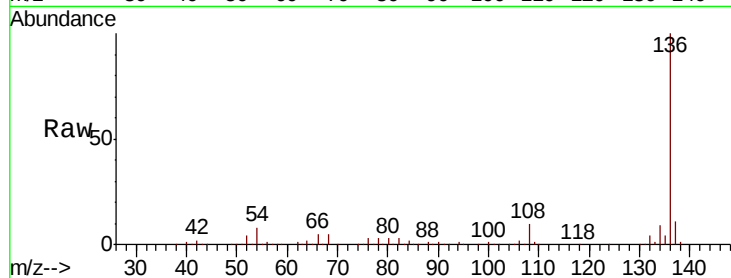




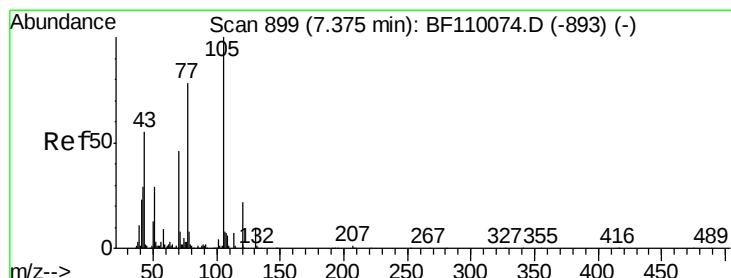
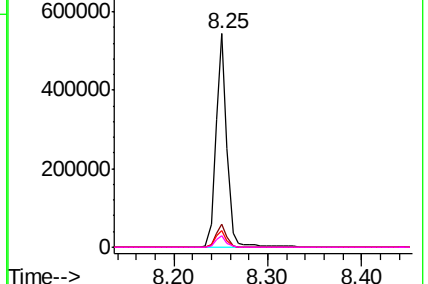
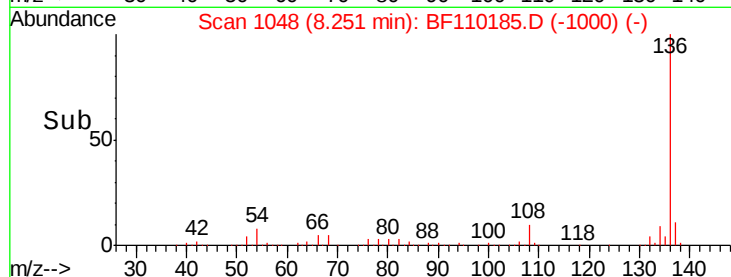
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110185.D
Acq: 26 Oct 2018 2:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	451797
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.8 13.2
54	8.1	5.4 8.2
68	5.2	4.2 6.2

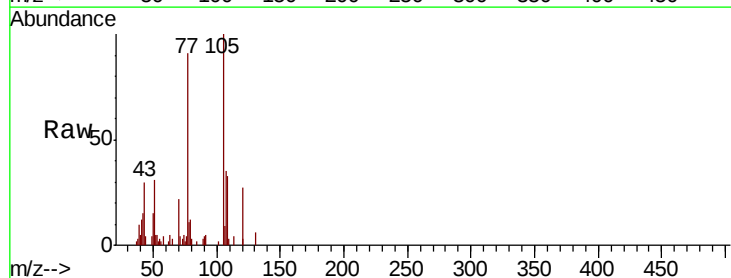


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

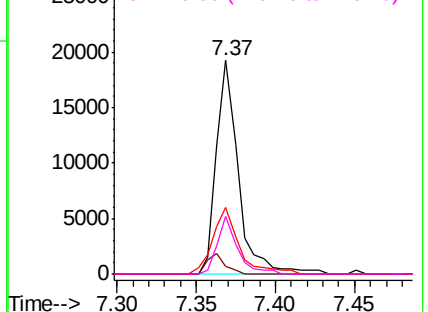
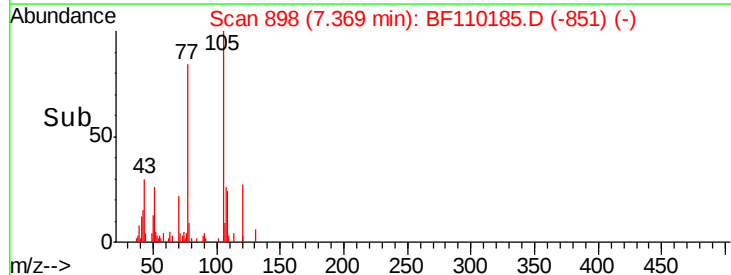


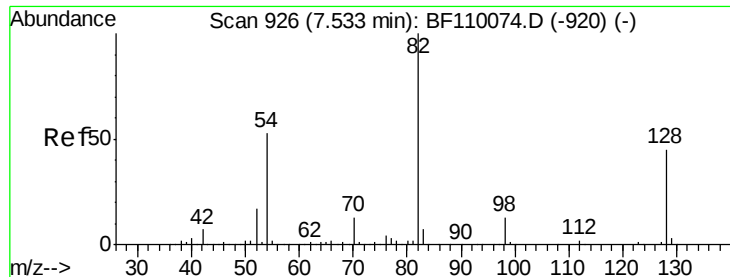
#22
Acetophenone
Concen: 1.791 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.02 min
Lab File: BF110185.D
Acq: 26 Oct 2018 2:35

Tgt Ion:105	Resp:	18646
Ion Ratio	Lower	Upper
105	100	
71	3.6	5.2 7.8#
51	31.0	21.8 32.8
120	26.8	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

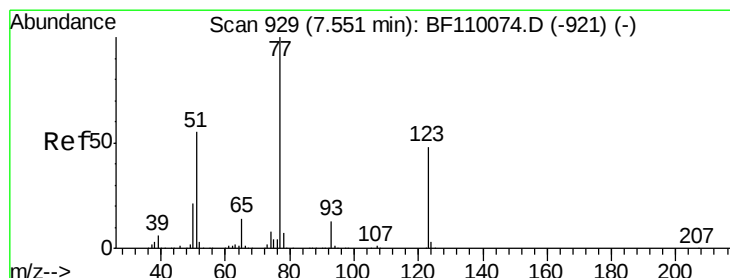
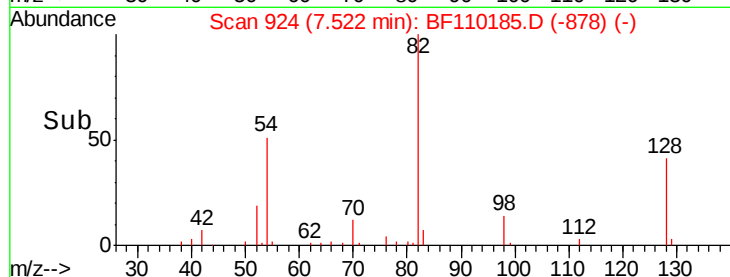
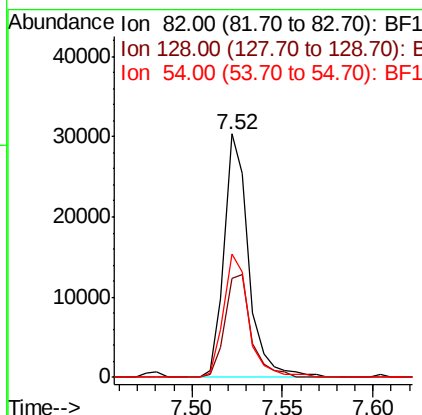
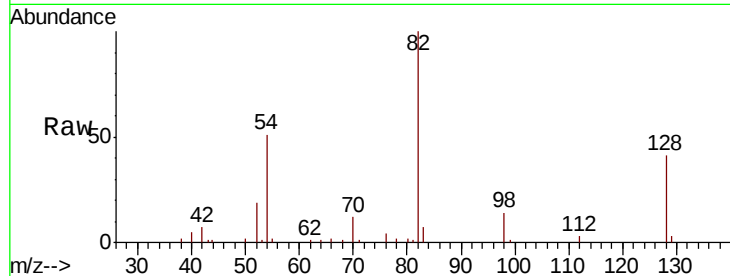




#23
Nitrobenzene-d5
Concen: 3.755 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.03 min
Lab File: BF110185.D
Acq: 26 Oct 2018 2:35

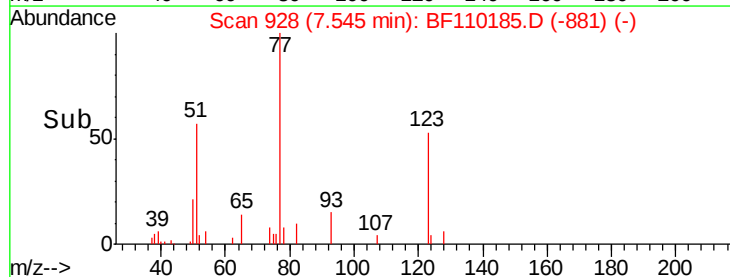
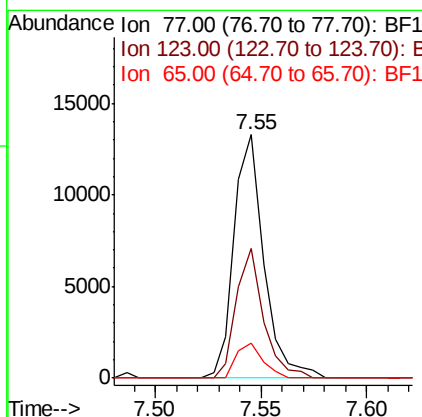
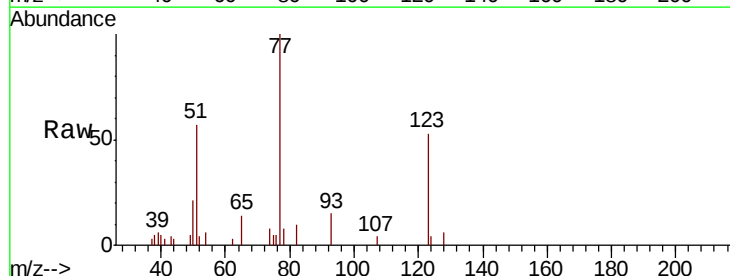
Instrument :
BNA_F
ClientSampled :

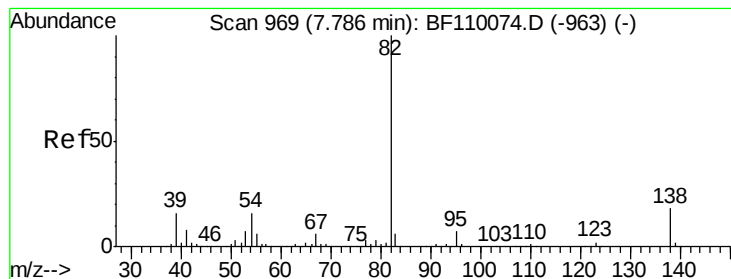
Tot Ion	82	Resp	28600
Ion Ratio	Lower	Upper	
82	100		
128	40.6	34.2	51.2
54	50.7	38.6	58.0



#24
Nitrobenzene
Concen: 1.649 ng
RT: 7.55 min Scan# 928
Delta R.T. -0.02 min
Lab File: BF110185.D
Acq: 26 Oct 2018 2:35

Tgt Ion	77	Resp	12971
Ion Ratio	Lower	Upper	
77	100		
123	53.4	35.7	53.5
65	14.1	10.7	16.1





#25

Isophorone

Concen: 1.817 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.02 min

Lab File: BF110185.D

Acq: 26 Oct 2018 2:35

Instrument :

BNA_F

ClientSampleId :

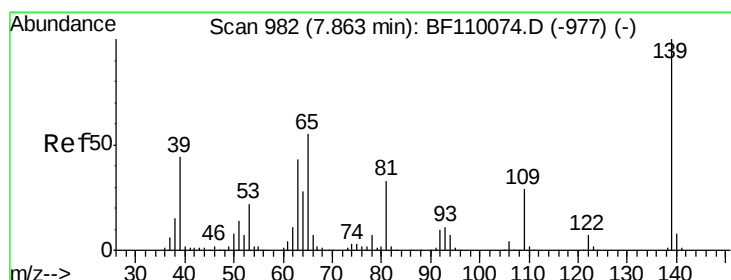
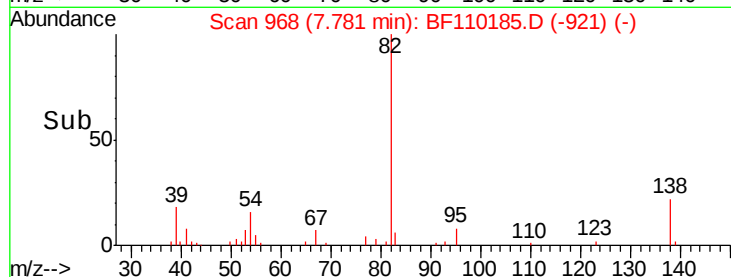
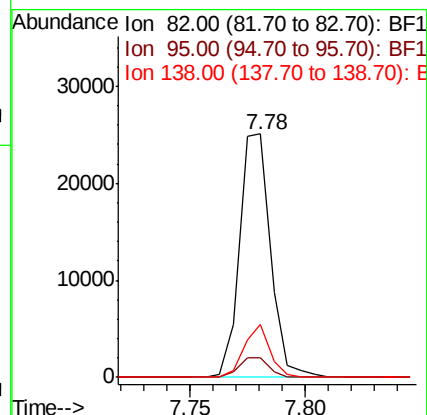
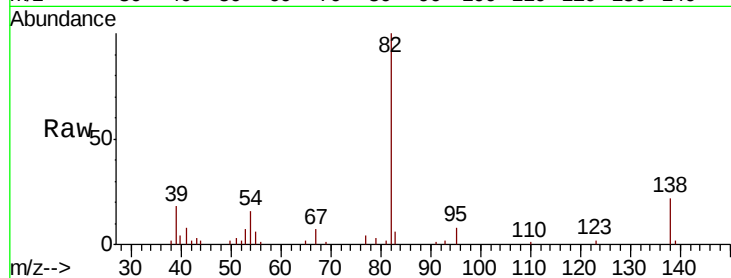
Tot Ion: 82 Resp: 23588

Ion Ratio Lower Upper

82 100

95 8.1 5.7 8.5

138 21.8 13.2 19.8#



#26

2-Nitrophenol

Concen: 0.814 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.02 min

Lab File: BF110185.D

Acq: 26 Oct 2018 2:35

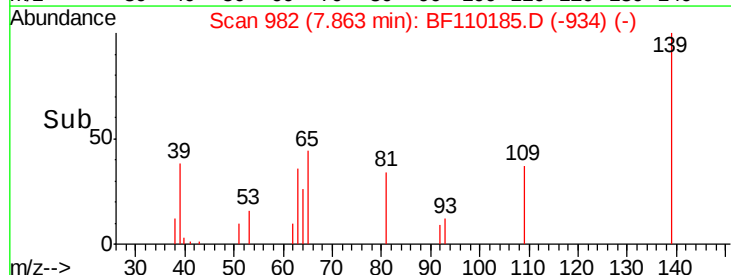
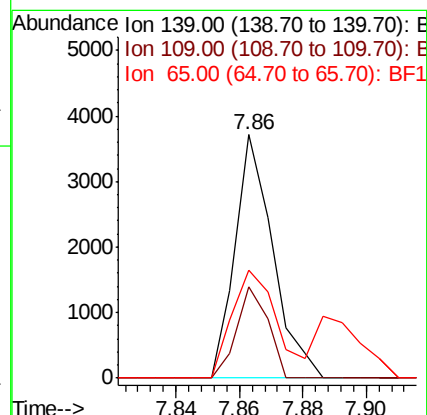
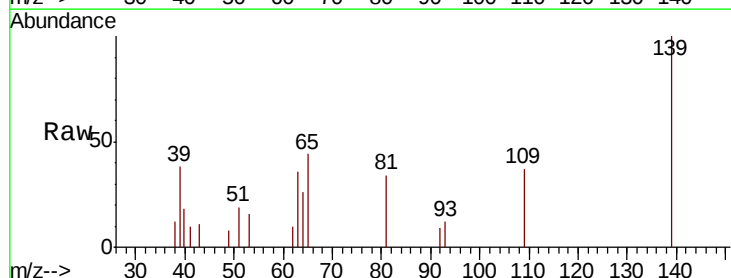
Tgt Ion: 139 Resp: 3047

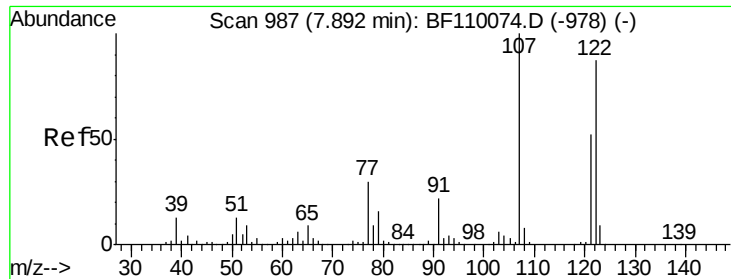
Ion Ratio Lower Upper

139 100

109 37.5 25.0 37.6

65 44.3 44.0 66.0

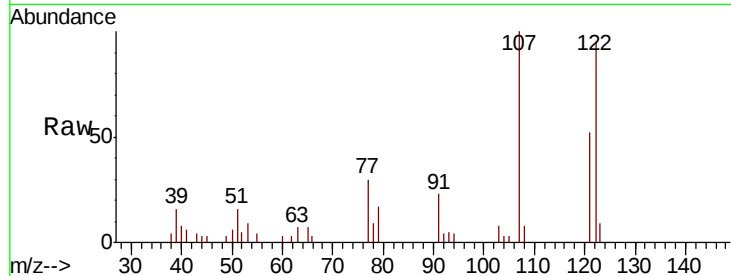




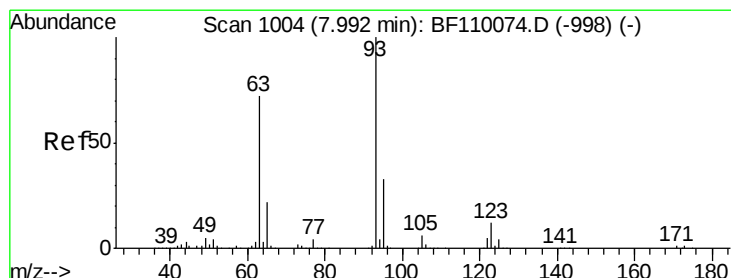
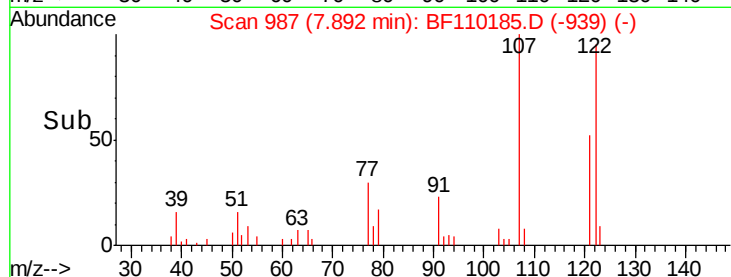
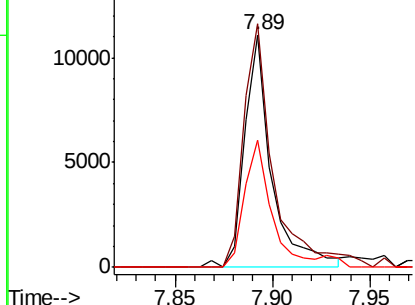
#27
2,4-Dimethylphenol
Concen: 1.709 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.02 min
Lab File: BF110185.D
Acq: 26 Oct 2018 2:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 10606
Ion Ratio Lower Upper
122 100
107 104.8 92.5 138.7
121 54.7 45.8 68.8

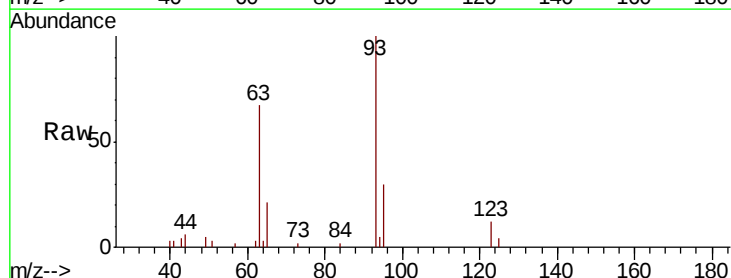


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

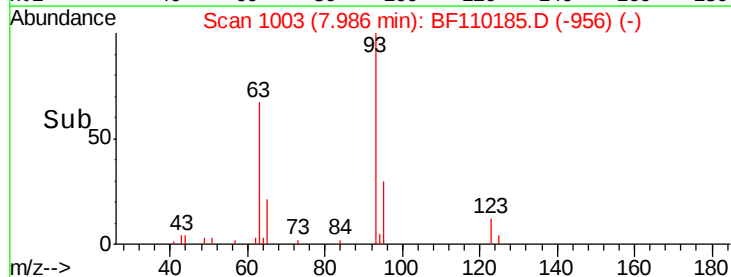
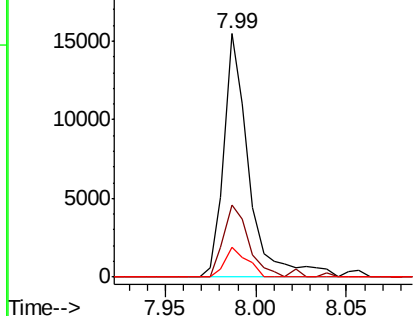


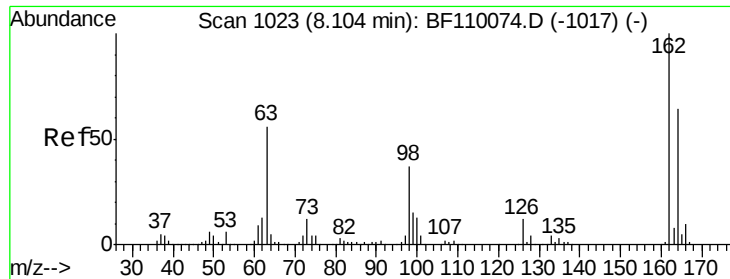
#28
bis(2-Chloroethoxy)methane
Concen: 1.701 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.02 min
Lab File: BF110185.D
Acq: 26 Oct 2018 2:35

Tgt Ion: 93 Resp: 15007
Ion Ratio Lower Upper
93 100
95 29.7 26.4 39.6
123 12.4 9.0 13.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E

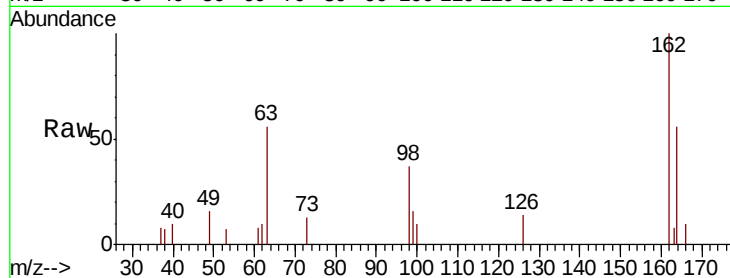




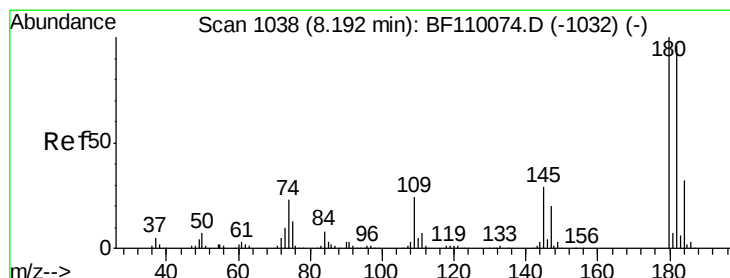
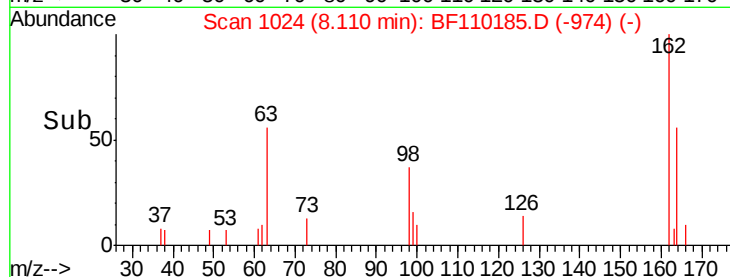
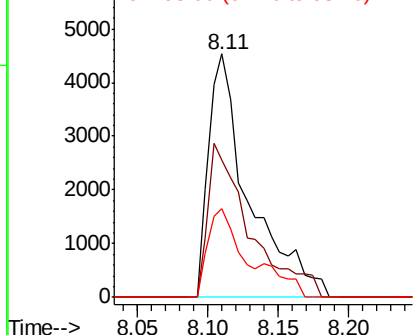
#29
2,4-Dichlorophenol
Concen: 1.455 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF110185.D
Acq: 26 Oct 2018 2:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 9119
Ion Ratio Lower Upper
162 100
164 56.4 44.6 84.6
98 36.7 17.4 57.4

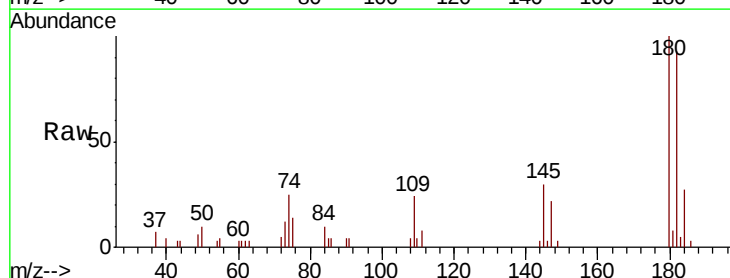


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

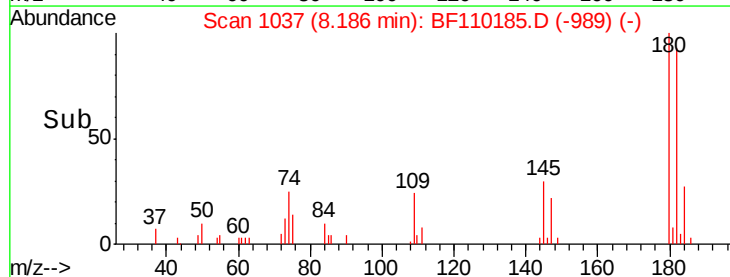
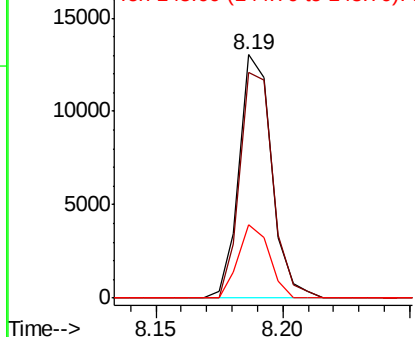


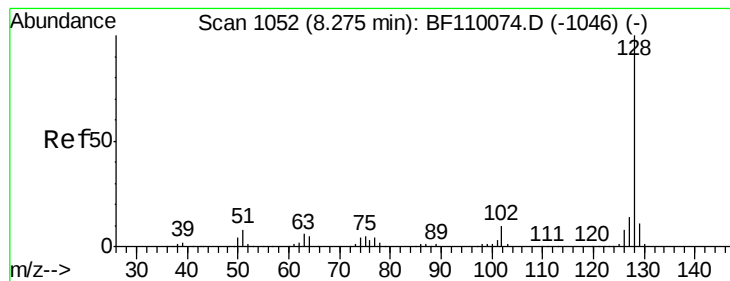
#30
1,2,4-Trichlorobenzene
Concen: 1.664 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.02 min
Lab File: BF110185.D
Acq: 26 Oct 2018 2:35

Tgt Ion:180 Resp: 11685
Ion Ratio Lower Upper
180 100
182 92.9 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: 1.893 ng

RT: 8.27 min Scan# 1052

Delta R.T. -0.02 min

Lab File: BF110185.D

Acq: 26 Oct 2018 2:35

Instrument :

BNA_F

ClientSampleId :

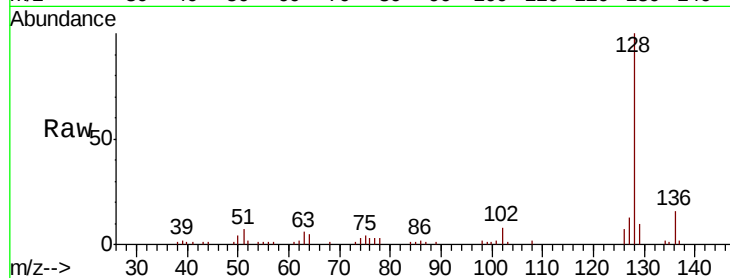
Tot Ion:128 Resp: 39420

Ion Ratio Lower Upper

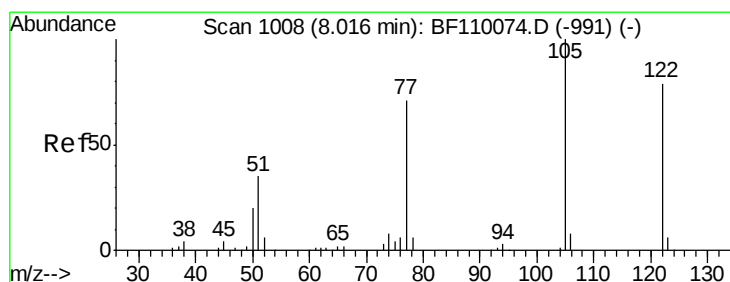
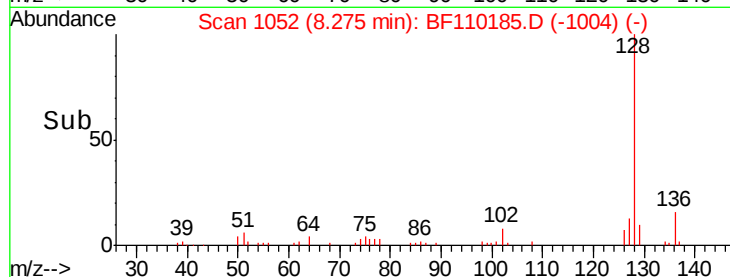
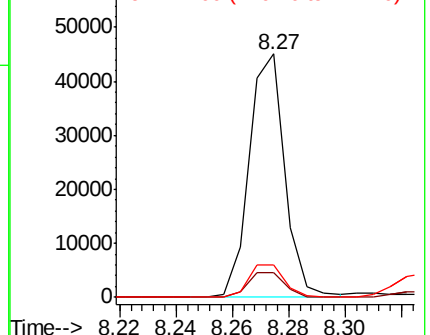
128 100

129 10.4 8.8 13.2

127 13.4 10.8 16.2



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



#32

Benzoic acid

Concen: 2.212 ng

RT: 7.89 min Scan# 987

Delta R.T. -0.12 min

Lab File: BF110185.D

Acq: 26 Oct 2018 2:35

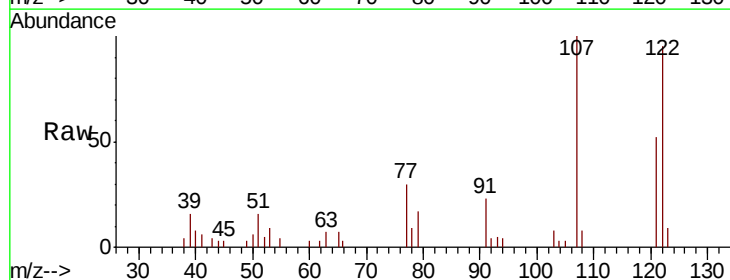
Tgt Ion:122 Resp: 10606

Ion Ratio Lower Upper

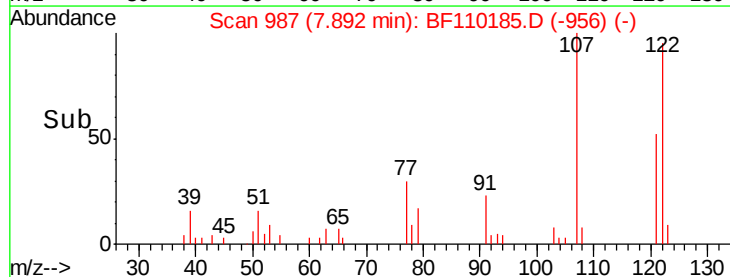
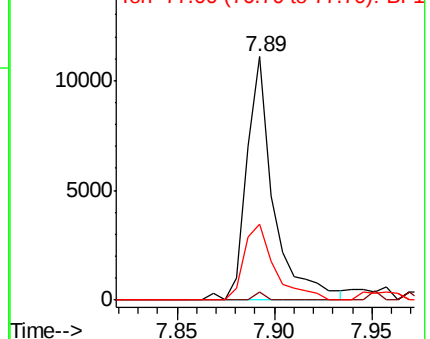
122 100

105 3.4 109.0 149.0#

77 31.0 79.0 119.0#



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

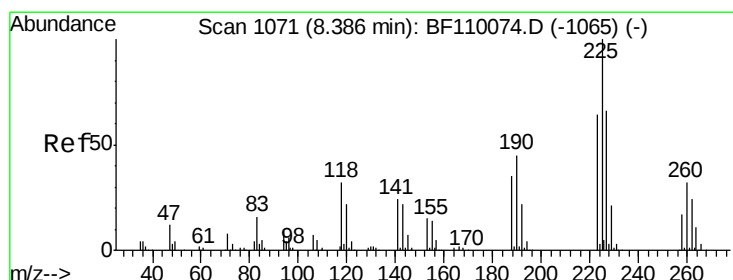
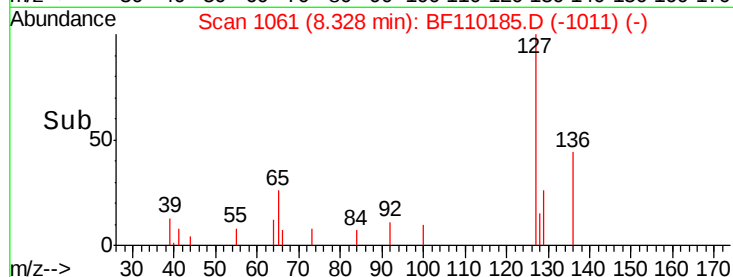
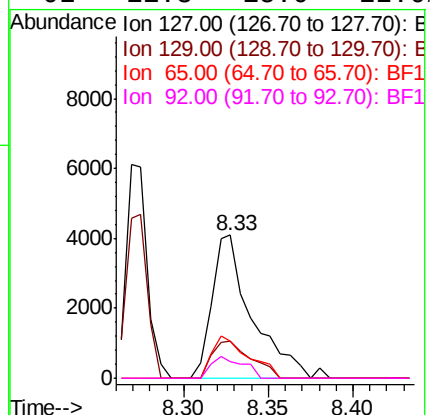
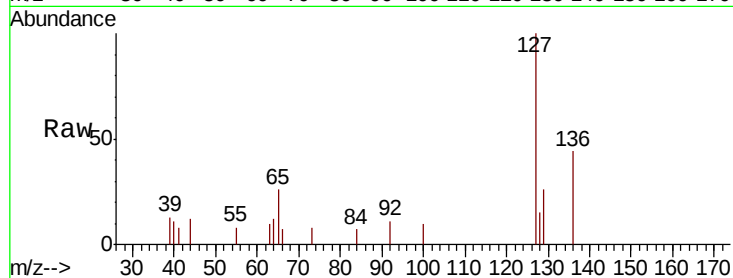




#33
4-Chloroaniline
Concen: 0.724 ng
RT: 8.33 min Scan# 1061
Delta R.T. -0.01 min
Lab File: BF110185.D
Acq: 26 Oct 2018 2:35

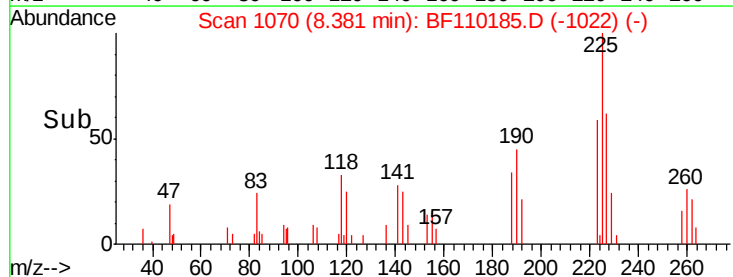
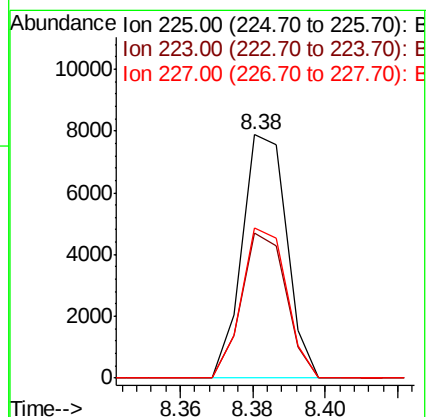
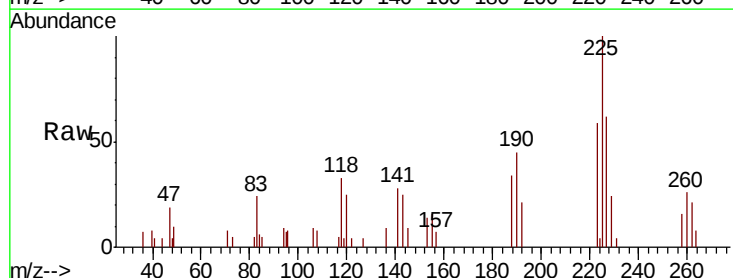
Instrument :
BNA_F
ClientSampleId :

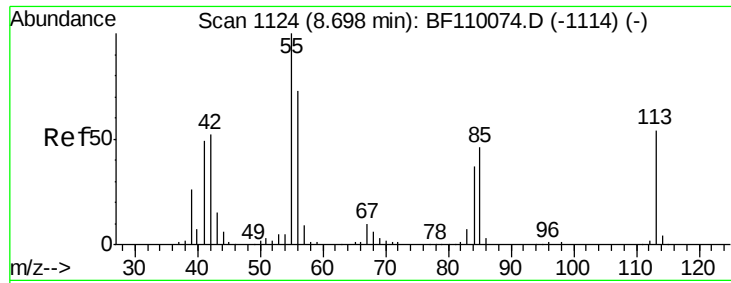
Tot Ion:	127	Resp:	6784
Ion	Ratio	Lower	Upper
127	100		
129	26.1	26.0	39.0
65	26.2	25.1	37.7
92	11.3	15.0	22.6#



#34
Hexachlorobutadiene
Concen: 1.722 ng
RT: 8.38 min Scan# 1070
Delta R.T. -0.02 min
Lab File: BF110185.D
Acq: 26 Oct 2018 2:35

Tgt Ion:	225	Resp:	6713
Ion	Ratio	Lower	Upper
225	100		
223	59.5	51.4	77.2
227	61.6	51.0	76.6

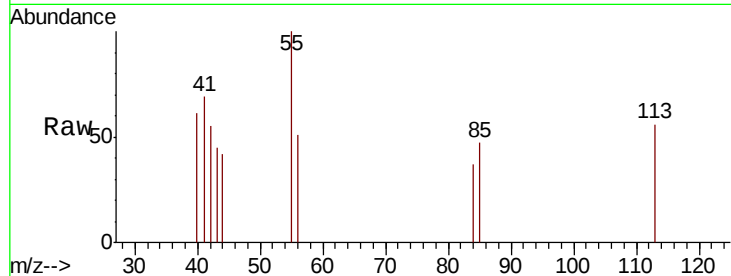




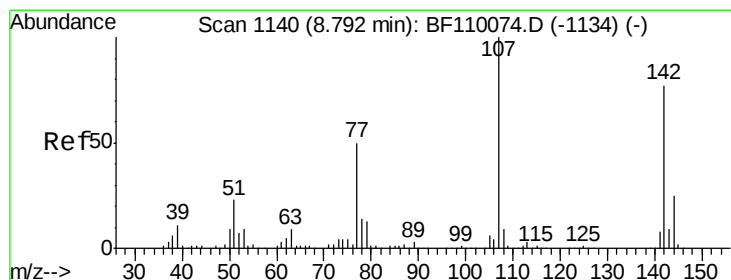
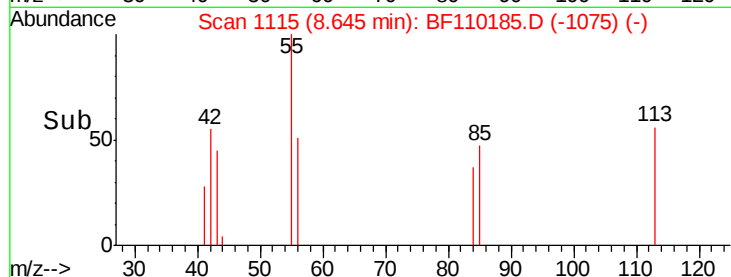
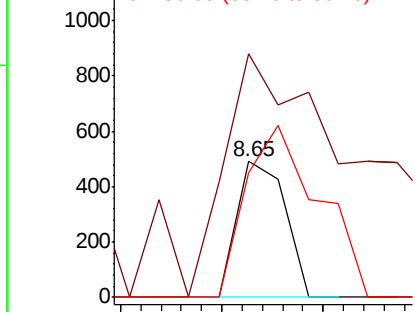
#35
 Caprolactam
 Concen: 0.148 ng
 RT: 8.65 min Scan# 1115
 Delta R.T. -0.06 min
 Lab File: BF110185.D
 Acq: 26 Oct 2018 2:35

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 324
 Ion Ratio Lower Upper
 113 100
 55 179.0 142.8 182.8
 56 91.6 105.0 145.0#

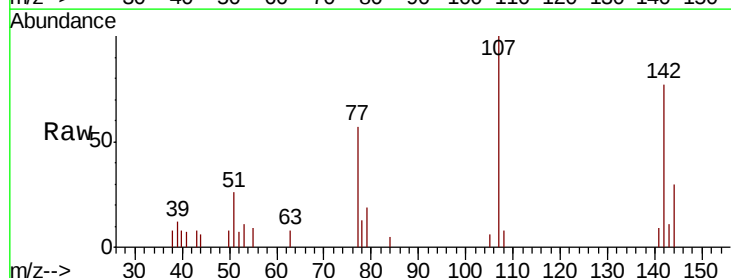


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

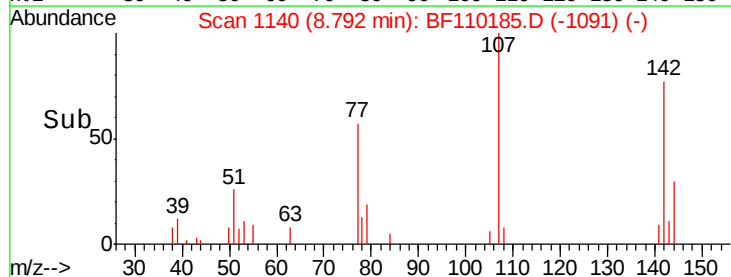
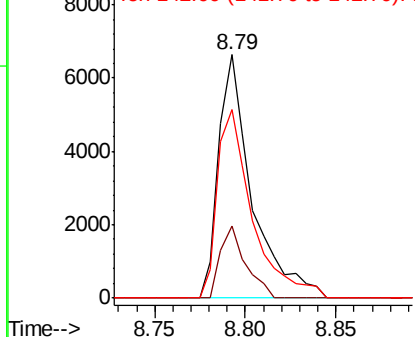


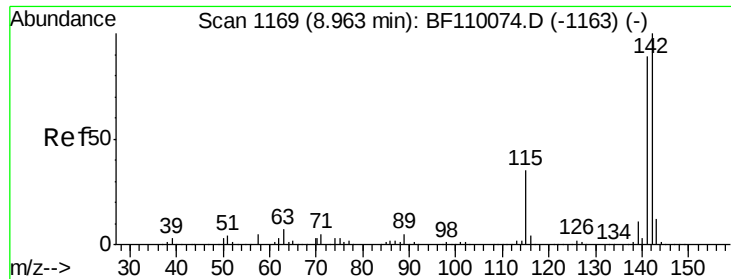
#36
 4-Chloro-3-methylphenol
 Concen: 1.255 ng
 RT: 8.79 min Scan# 1140
 Delta R.T. -0.01 min
 Lab File: BF110185.D
 Acq: 26 Oct 2018 2:35

Tgt Ion:107 Resp: 8504
 Ion Ratio Lower Upper
 107 100
 144 29.7 20.0 30.0
 142 77.3 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

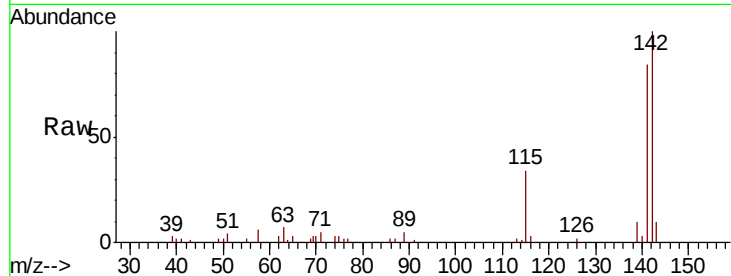




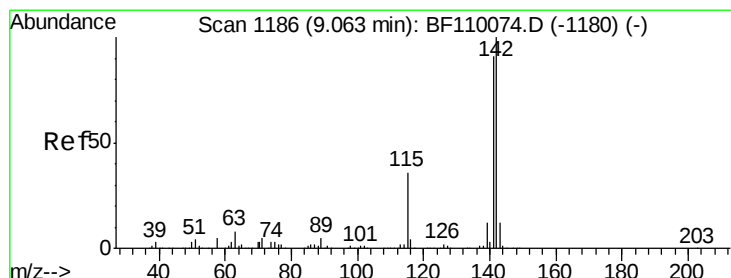
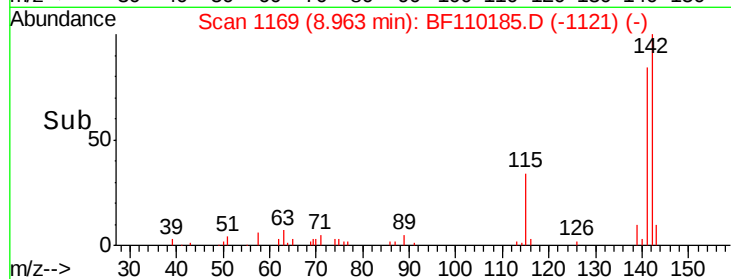
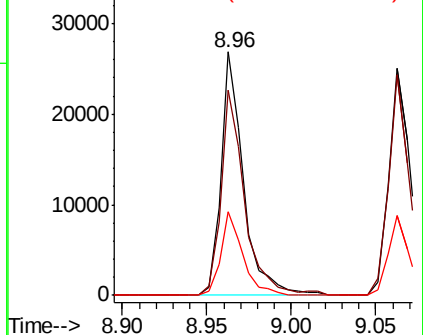
#37
2-Methylnaphthalene
Concen: 1.807 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.02 min
Lab File: BF110185.D
Acq: 26 Oct 2018 2:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 24898
Ion Ratio Lower Upper
142 100
141 84.3 71.4 107.2
115 34.2 28.7 43.1

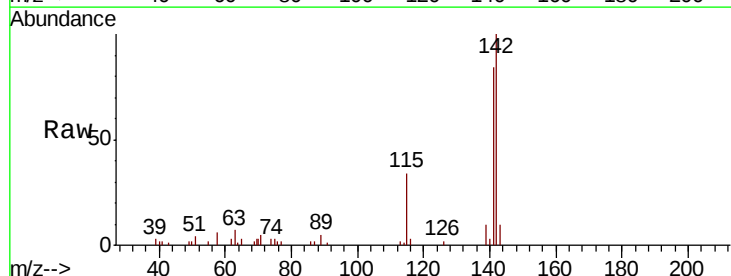


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

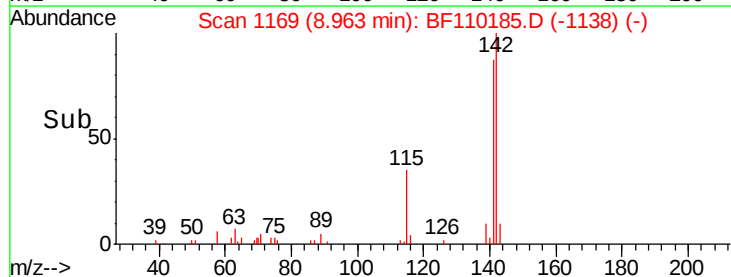
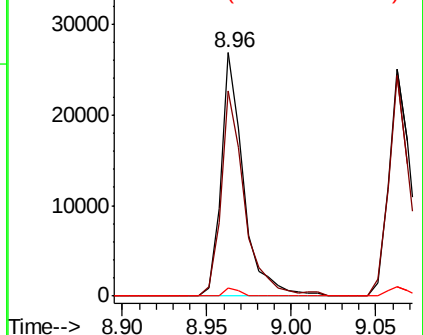


#38
1-Methylnaphthalene
Concen: 1.870 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.12 min
Lab File: BF110185.D
Acq: 26 Oct 2018 2:35

Tgt Ion:142 Resp: 24898
Ion Ratio Lower Upper
142 100
141 84.3 74.2 111.4
116 3.4 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: BF110185.D

Acq: 26 Oct 2018 2:35

Instrument :

BNA_F

ClientSampleId :

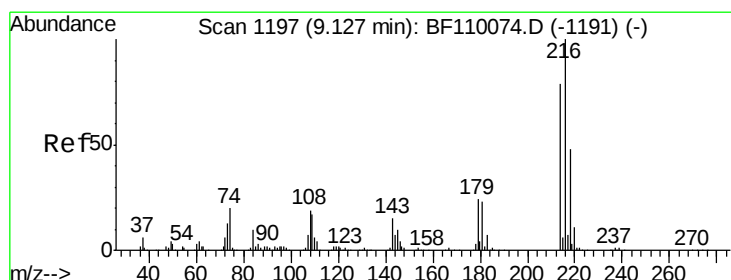
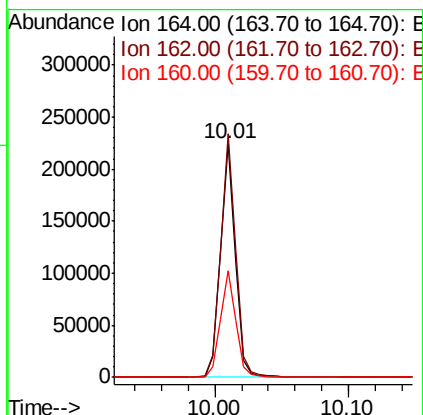
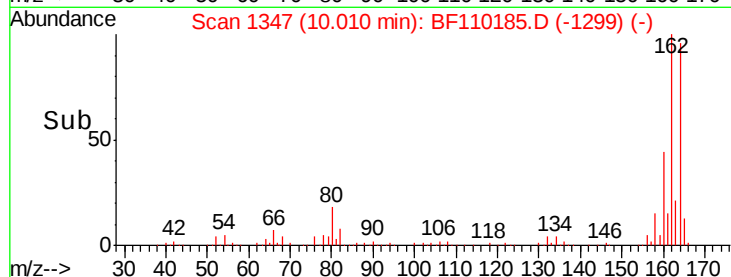
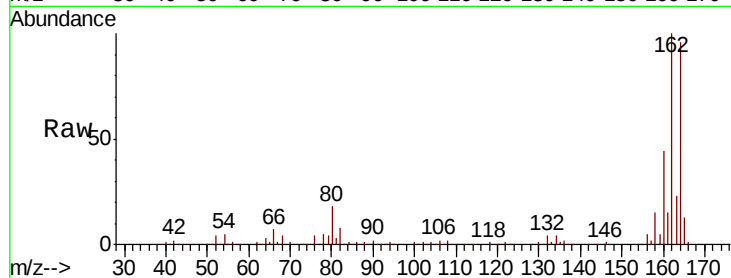
Tot Ion:164 Resp: 178225

Ion Ratio Lower Upper

164 100

162 104.3 83.0 124.6

160 45.8 37.0 55.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 1.876 ng

RT: 9.13 min Scan# 1197

Delta R.T. -0.02 min

Lab File: BF110185.D

Acq: 26 Oct 2018 2:35

Tgt Ion:216 Resp: 10417

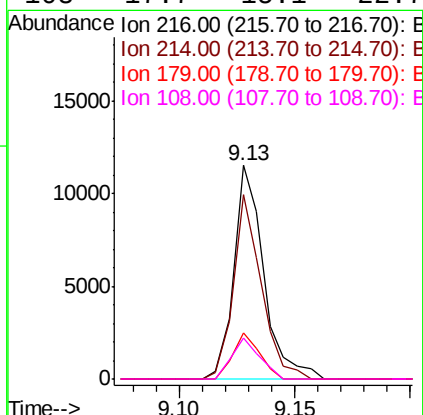
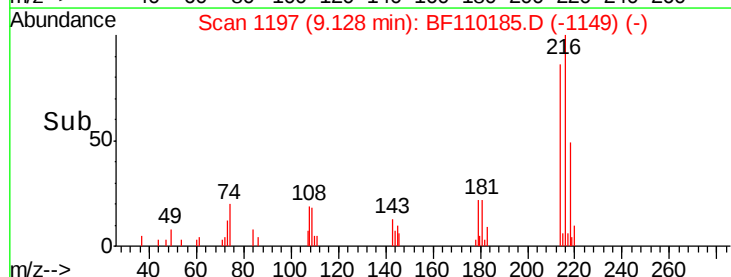
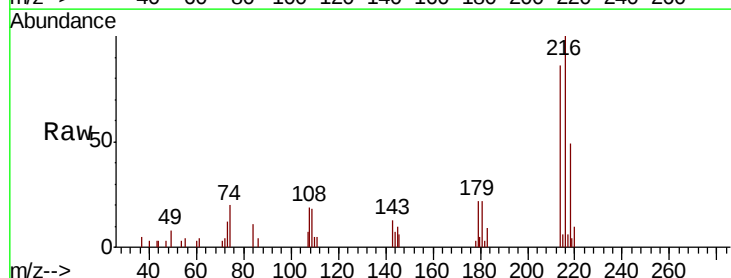
Ion Ratio Lower Upper

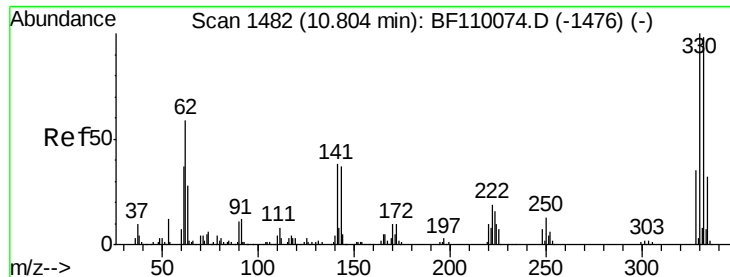
216 100

214 80.3 63.8 95.6

179 19.3 16.6 25.0

108 17.7 15.1 22.7

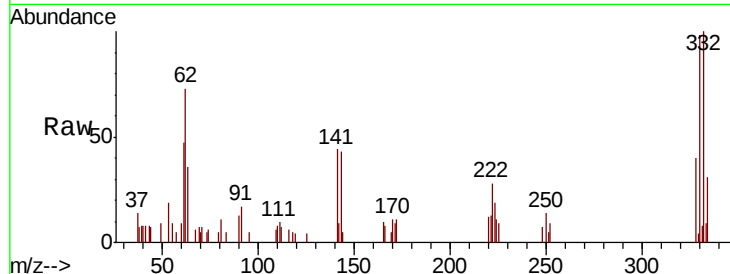




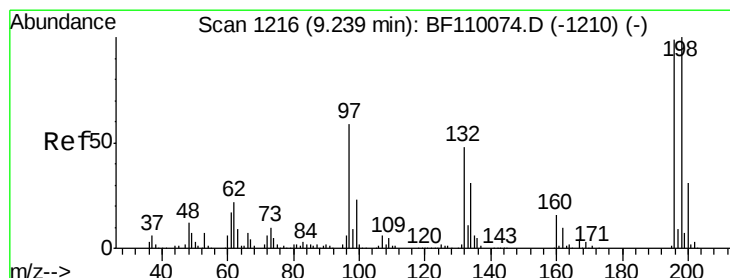
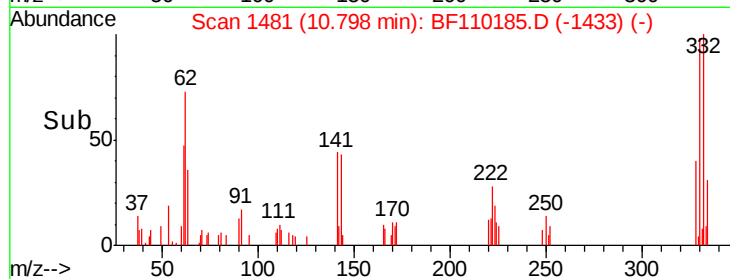
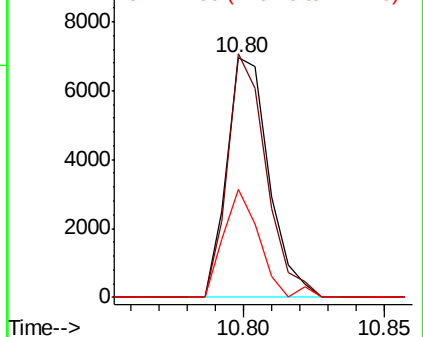
#42
 2,4,6-Tribromophenol
 Concen: 4.074 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.02 min
 Lab File: BF110185.D
 Acq: 26 Oct 2018 2:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 7192
 Ion Ratio Lower Upper
 330 100
 332 93.8 77.1 115.7
 141 38.8 27.0 40.4

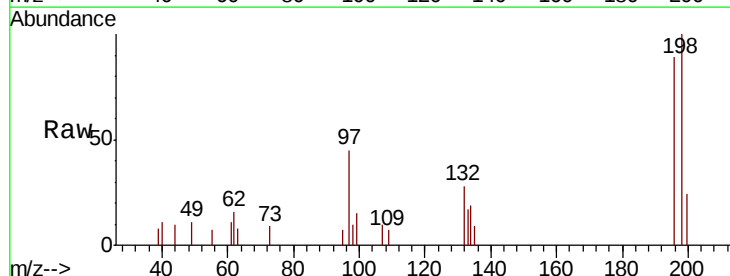


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

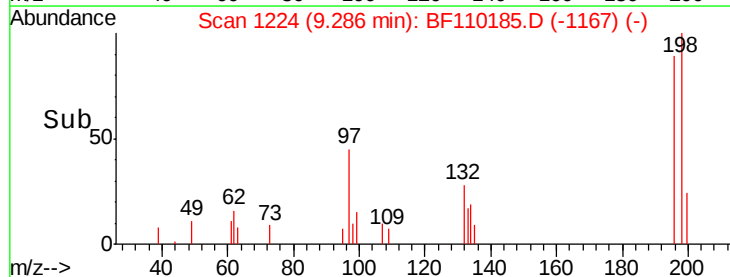
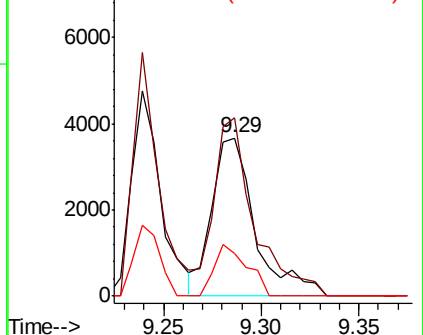


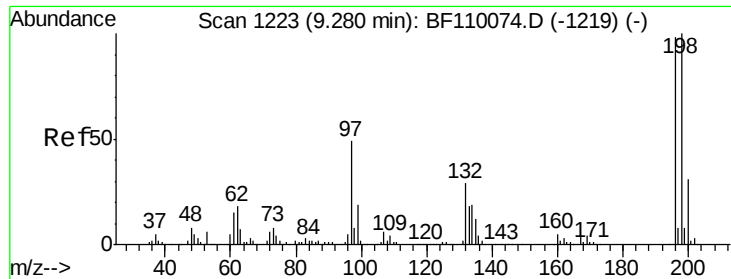
#43
 2,4,6-Trichlorophenol
 Concen: 1.579 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. 0.04 min
 Lab File: BF110185.D
 Acq: 26 Oct 2018 2:35

Tgt Ion:196 Resp: 5656
 Ion Ratio Lower Upper
 196 100
 198 112.9 76.2 114.4
 200 27.1 24.4 36.6



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

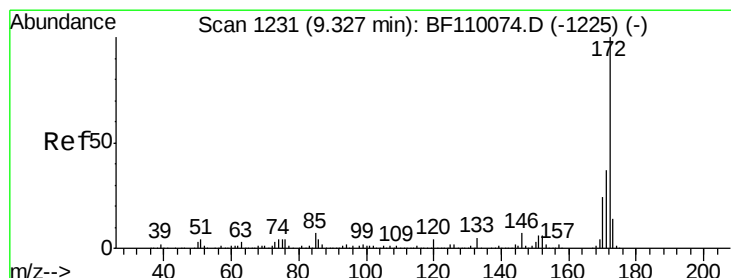
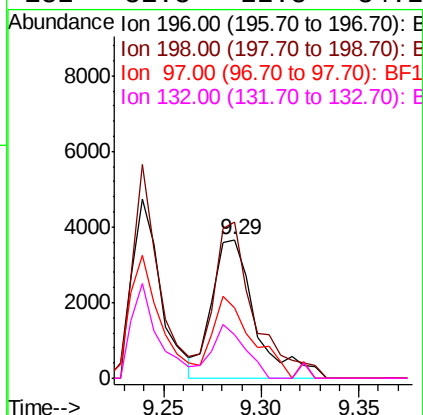
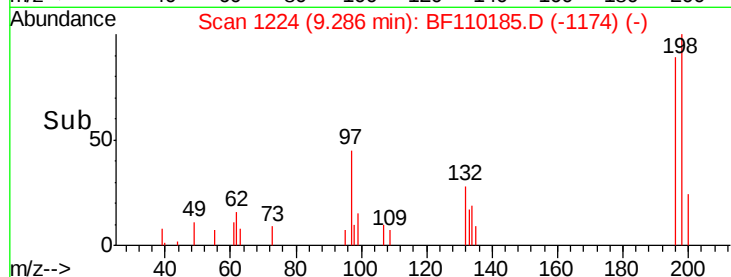
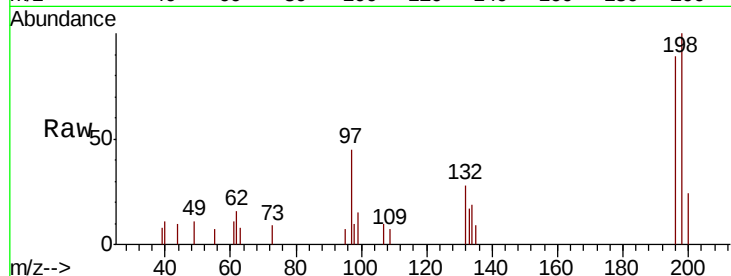




#44
 2,4,5-Trichlorophenol
 Concen: 1.494 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF110185.D
 Acq: 26 Oct 2018 2:35

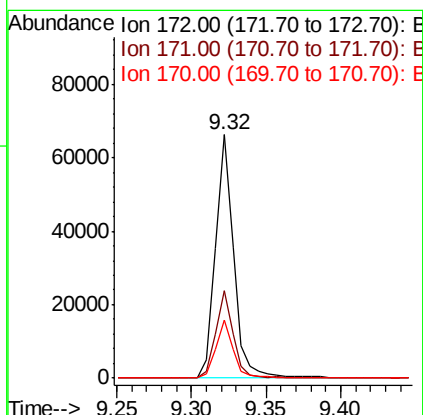
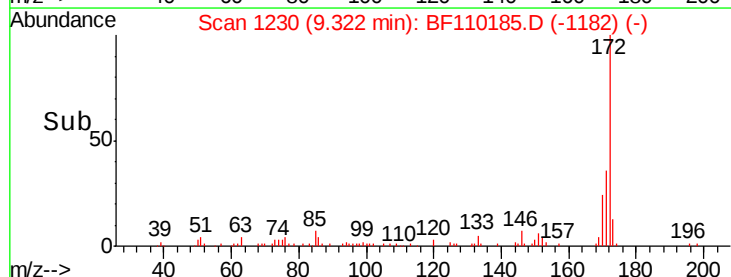
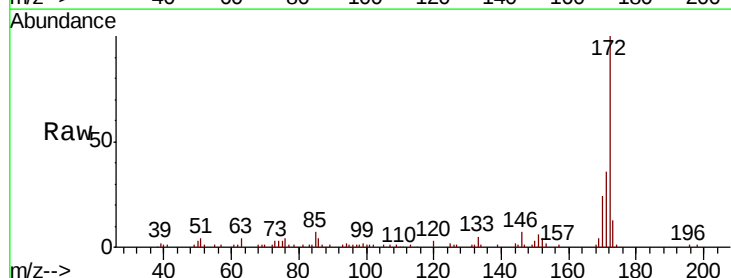
Instrument :
 BNA_F
 ClientSampleId :

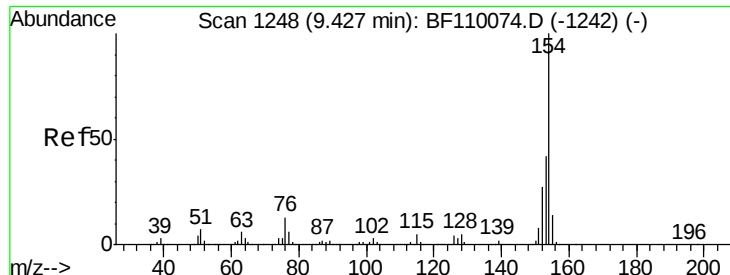
Tot Ion:196 Resp: 5656
 Ion Ratio Lower Upper
 196 100
 198 112.9 75.8 113.6
 97 50.9 42.4 63.6
 132 31.3 22.8 34.2



#45
 2-Fluorobiphenyl
 Concen: 4.979 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.02 min
 Lab File: BF110185.D
 Acq: 26 Oct 2018 2:35

Tgt Ion:172 Resp: 56507
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.6 43.0
 170 23.6 19.7 29.5

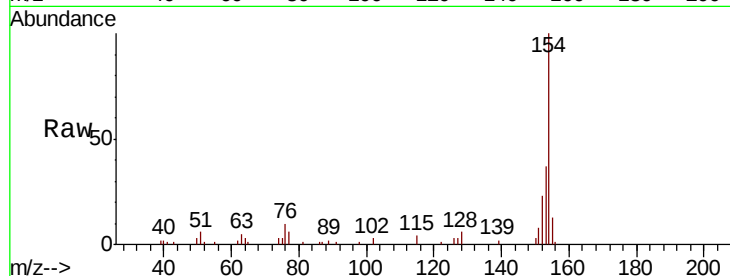




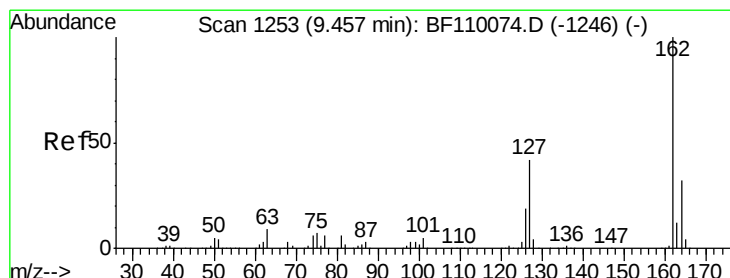
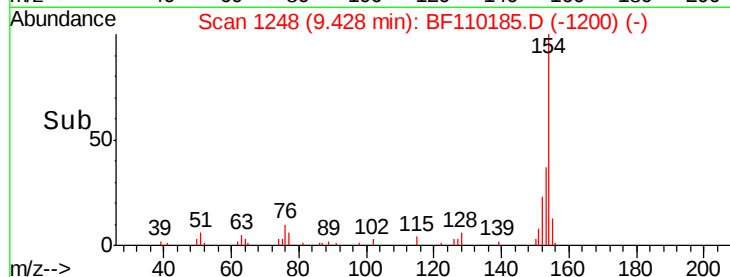
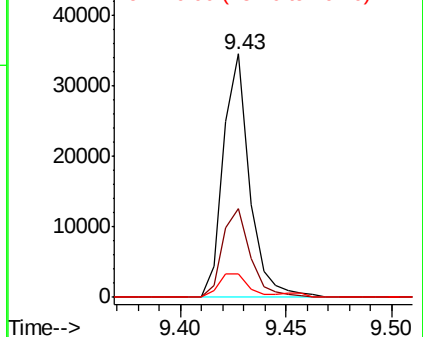
#46
 1,1'-Biphenyl
 Concen: 1.848 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. -0.02 min
 Lab File: BF110185.D
 Acq: 26 Oct 2018 2:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	36.6	20.4	60.4
76	9.6	0.0	31.9

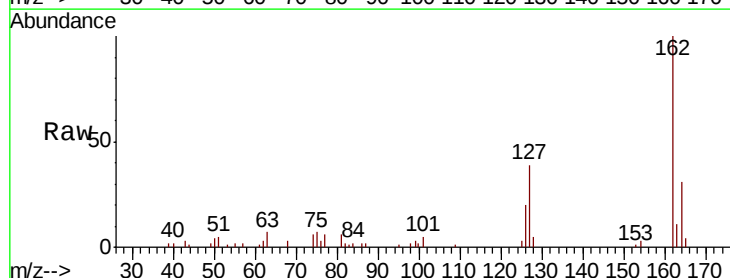


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

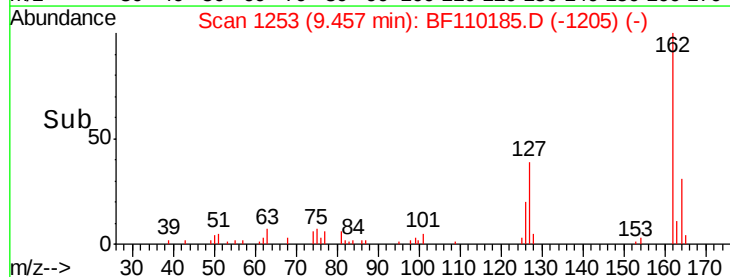
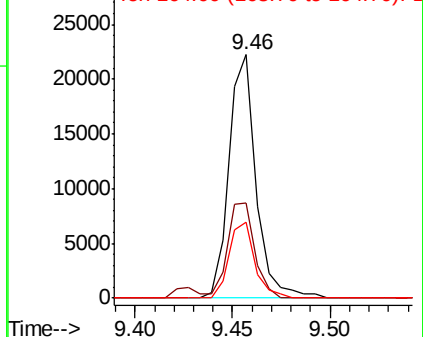


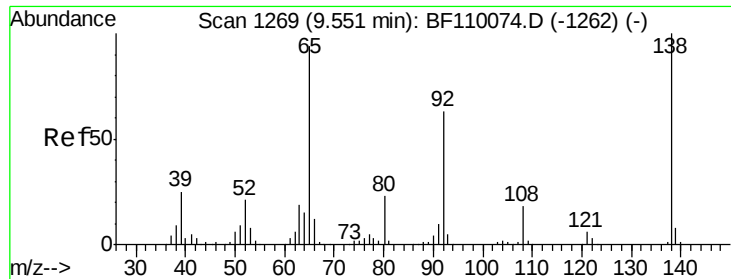
#47
 2-Chloronaphthalene
 Concen: 1.803 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF110185.D
 Acq: 26 Oct 2018 2:35

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.9	32.6	48.8
164	31.3	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

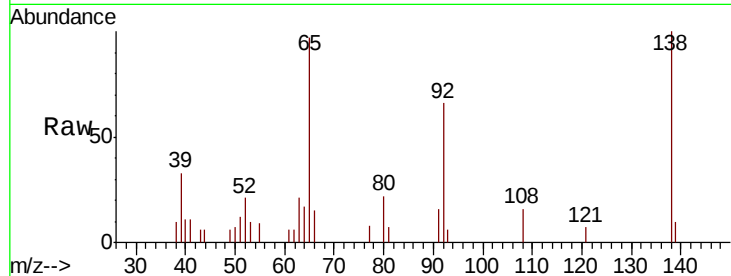




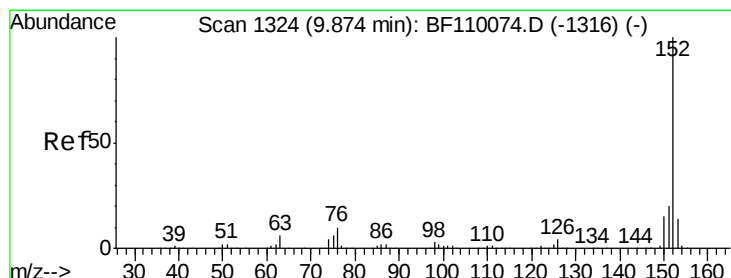
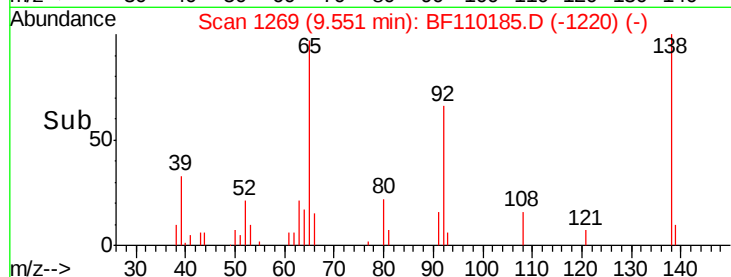
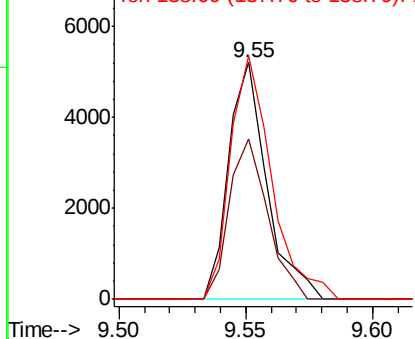
#48
2-Nitroaniline
Concen: 1.527 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF110185.D
Acq: 26 Oct 2018 2:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 5471
Ion Ratio Lower Upper
65 100
92 68.0 54.6 81.8
138 102.9 80.3 120.5

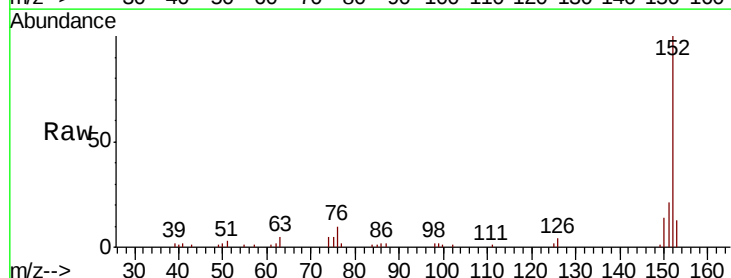


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

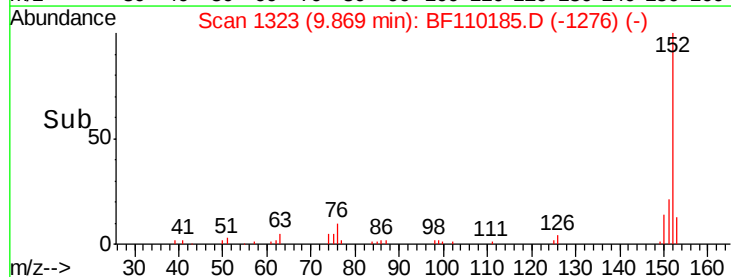
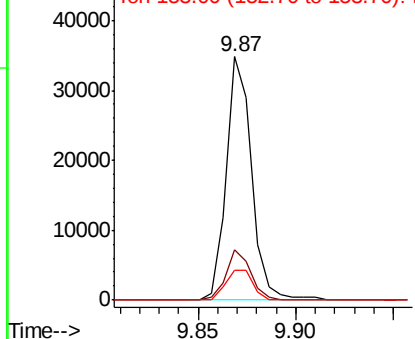


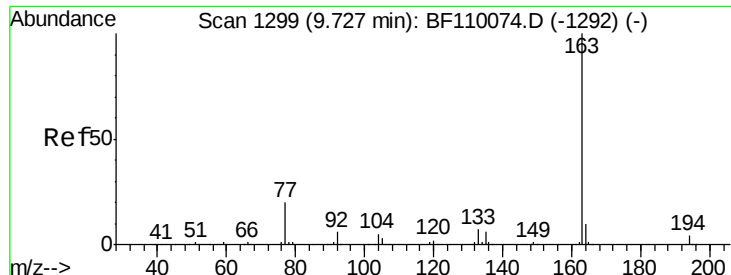
#49
Acenaphthylene
Concen: 1.825 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF110185.D
Acq: 26 Oct 2018 2:35

Tgt Ion: 152 Resp: 31170
Ion Ratio Lower Upper
152 100
151 20.8 15.8 23.8
153 12.5 10.4 15.6



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

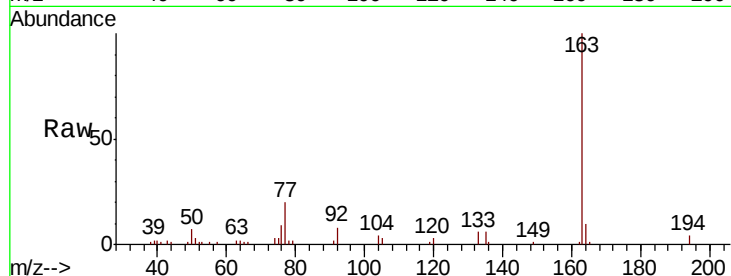




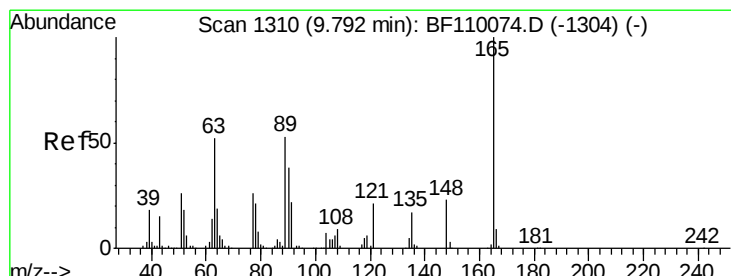
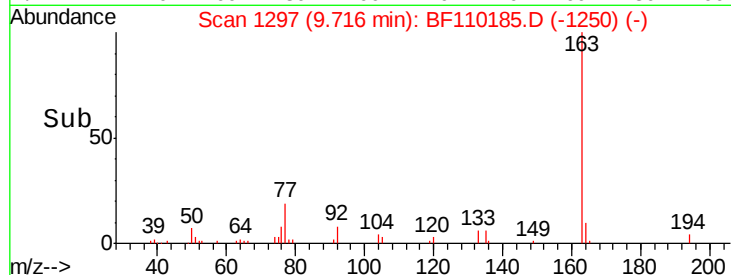
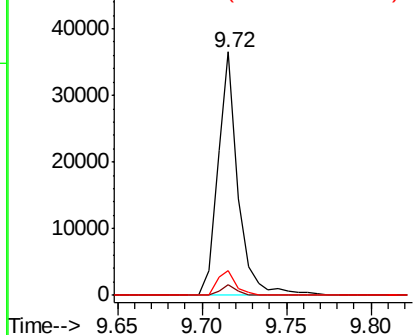
#50
Dimethylphthalate
Concen: 2.306 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF110185.D
Acq: 26 Oct 2018 2:35

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.2	4.8
164	10.1	8.1	12.1

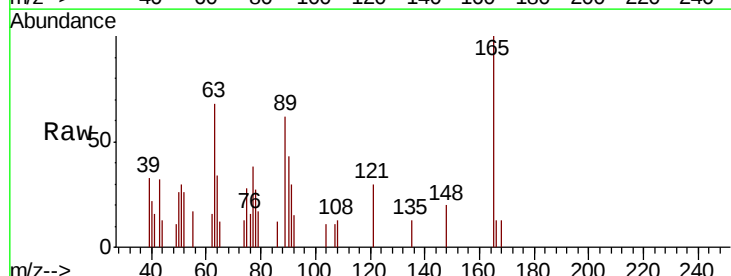


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

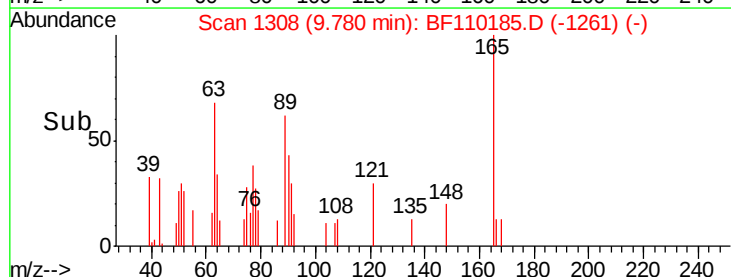
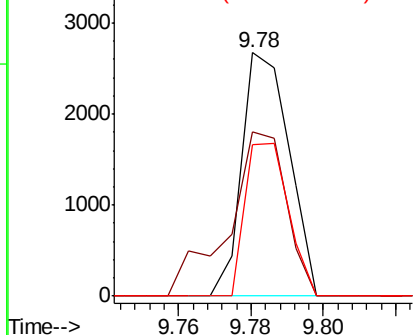


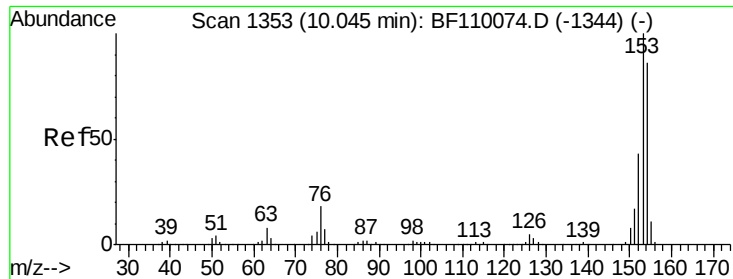
#51
2,6-Dinitrotoluene
Concen: 0.852 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.02 min
Lab File: BF110185.D
Acq: 26 Oct 2018 2:35

Tgt Ion	Ratio	Lower	Upper
165	100		
63	67.6	48.9	73.3
89	62.2	46.6	69.8



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





#52

Acenaphthene

Concen: 1.678 ng

RT: 10.04 min Scan# 1352

Delta R.T. -0.02 min

Lab File: BF110185.D

Acq: 26 Oct 2018 2:35

Instrument :

BNA_F

ClientSampleId :

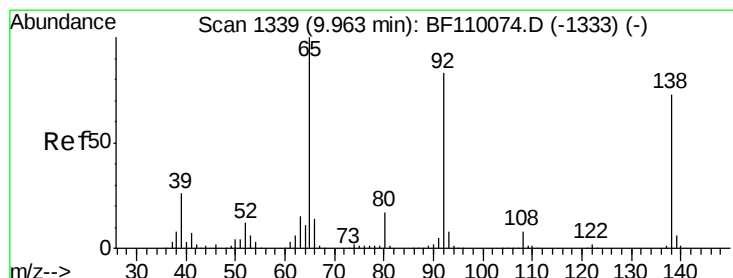
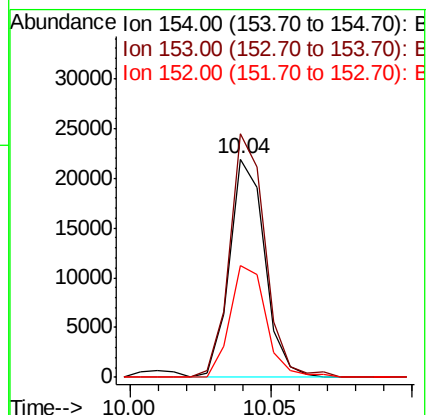
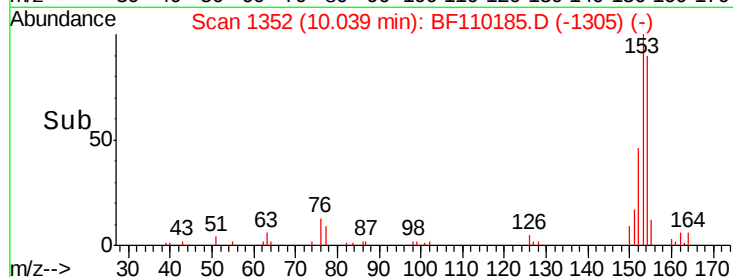
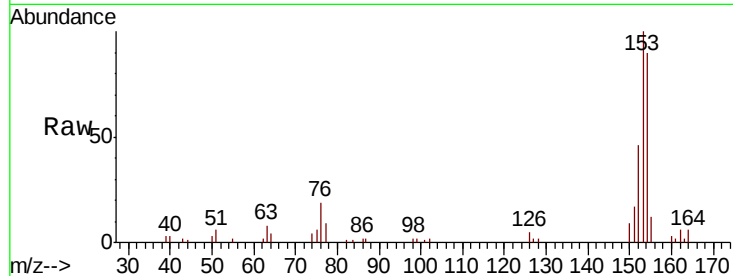
Tot Ion:154 Resp: 18950

Ion Ratio Lower Upper

154 100

153 111.7 90.1 135.1

152 51.4 43.4 65.2



#53

3-Nitroaniline

Concen: 1.123 ng

RT: 9.96 min Scan# 1339

Delta R.T. -0.01 min

Lab File: BF110185.D

Acq: 26 Oct 2018 2:35

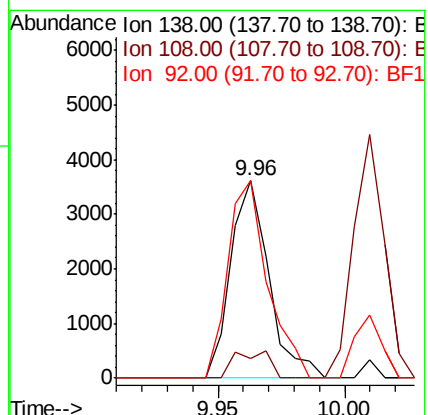
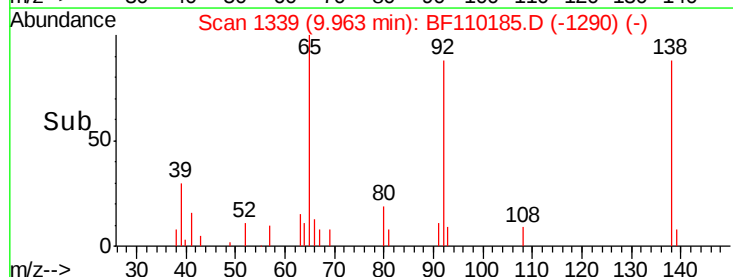
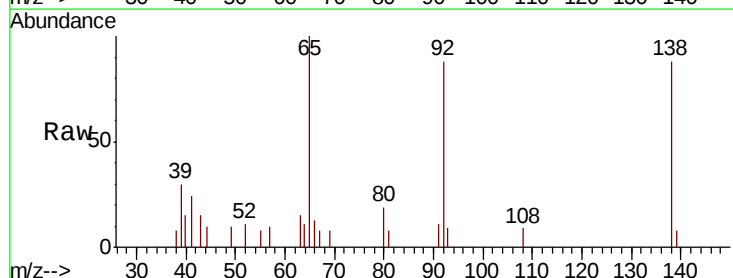
Tgt Ion:138 Resp: 3786

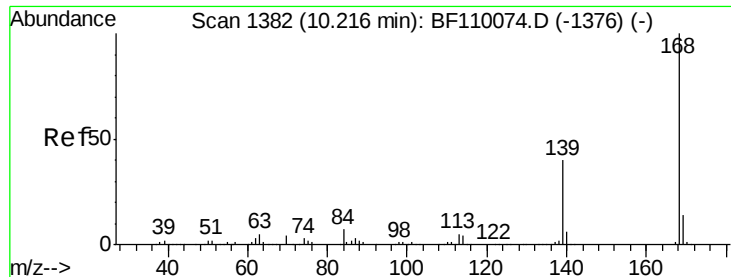
Ion Ratio Lower Upper

138 100

108 9.6 8.7 13.1

92 100.1 97.0 145.4





#55

Dibenzofuran

Concen: 1.687 ng

RT: 10.22 min Scan# 1382

Delta R.T. -0.02 min

Lab File: BF110185.D

Acq: 26 Oct 2018 2:35

Instrument :

BNA_F

ClientSampleId :

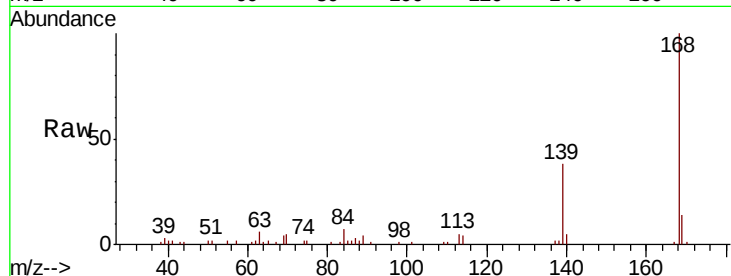
Tot Ion:168 Resp: 26679

Ion Ratio Lower Upper

168 100

139 37.6 33.0 49.6

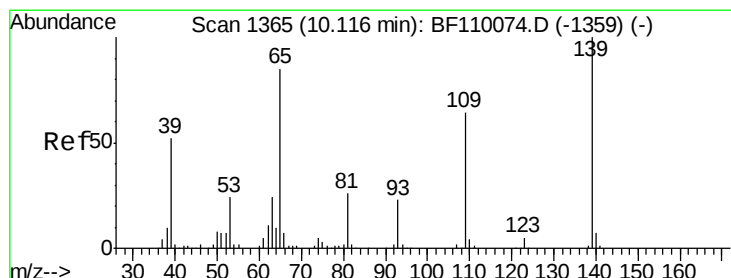
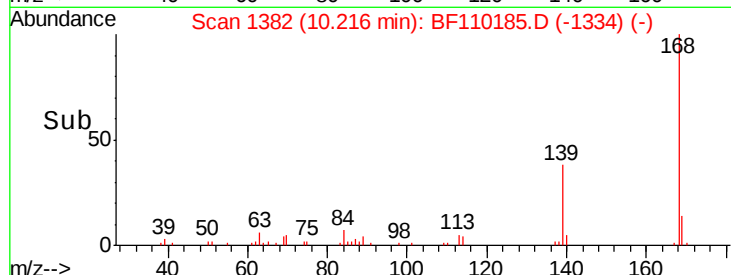
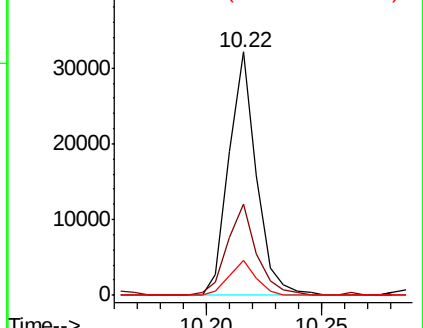
169 14.2 11.3 16.9



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: 2.170 ng

RT: 10.12 min Scan# 1366

Delta R.T. -0.00 min

Lab File: BF110185.D

Acq: 26 Oct 2018 2:35

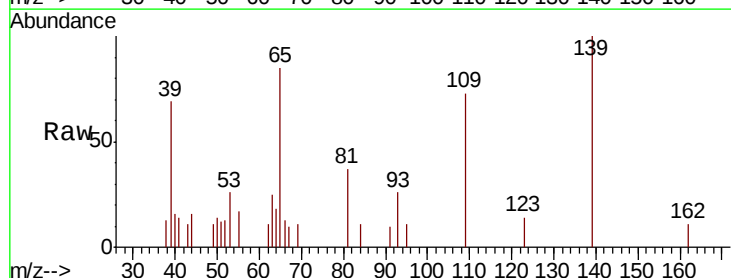
Tgt Ion:139 Resp: 5412

Ion Ratio Lower Upper

139 100

109 73.1 55.8 95.8

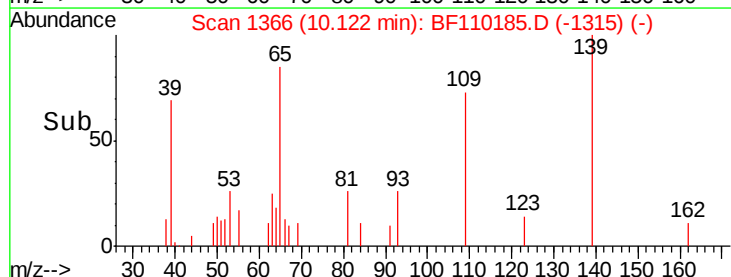
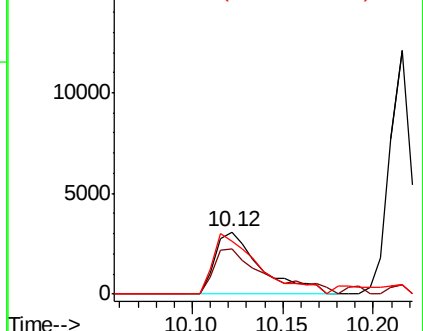
65 85.4 77.9 117.9

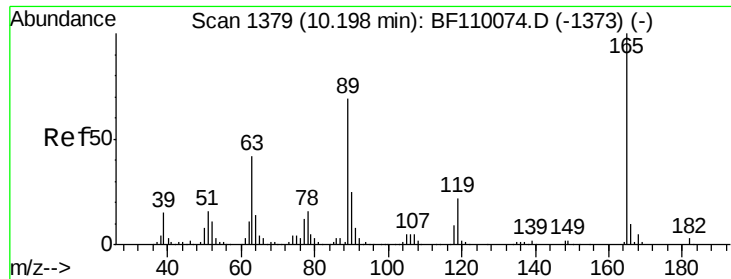


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

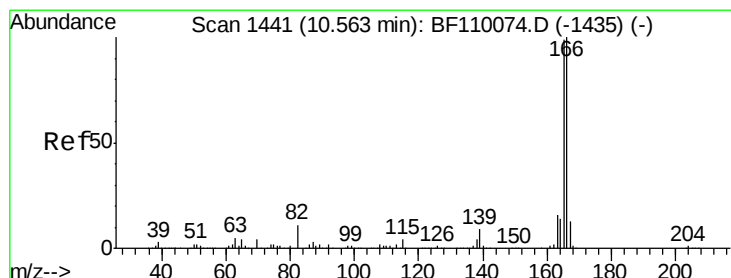
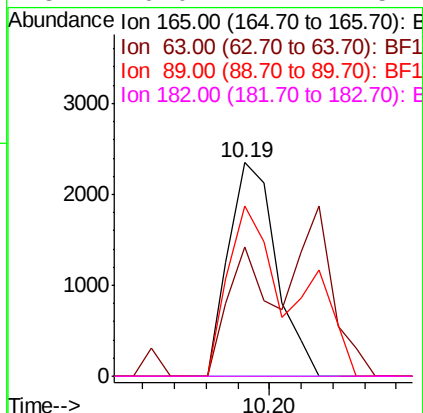
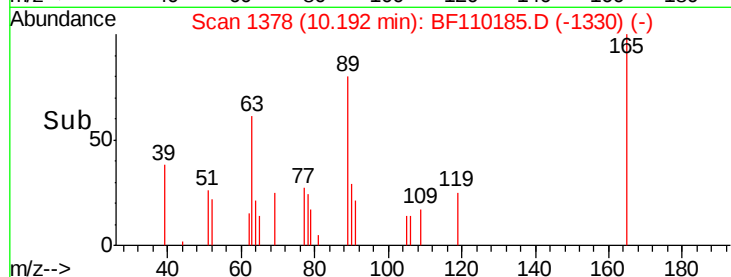
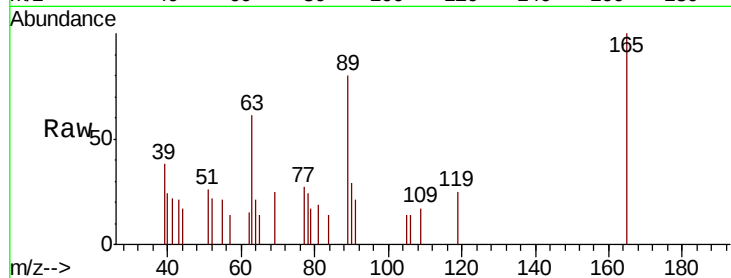




#57
2,4-Dinitrotoluene
Concen: 0.680 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.02 min
Lab File: BF110185.D
Acq: 26 Oct 2018 2:35

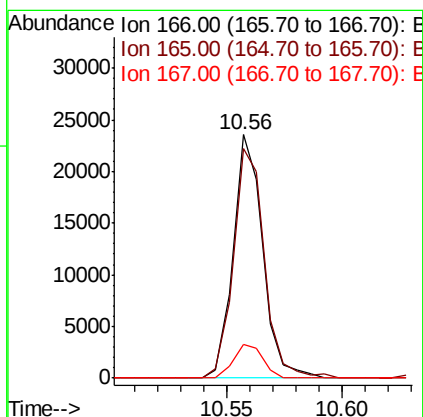
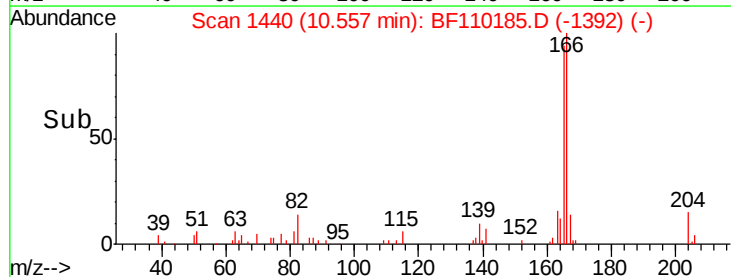
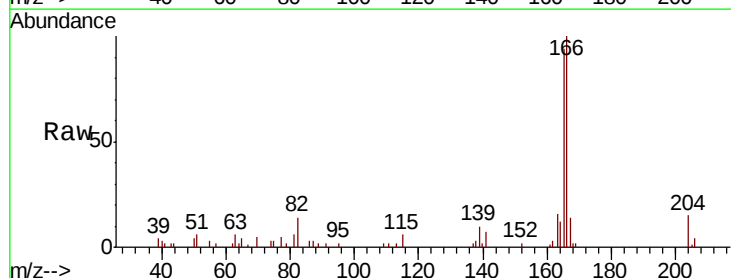
Instrument :
BNA_F
ClientSampleId :

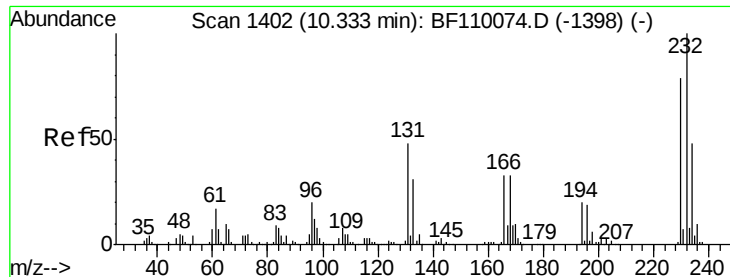
Tot Ion	Ratio	Lower	Upper
165	100		
63	60.6	44.8	67.2
89	79.8	62.2	93.4
182	0.0	2.1	3.1



#58
Fluorene
Concen: 1.784 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.02 min
Lab File: BF110185.D
Acq: 26 Oct 2018 2:35

Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.2	78.6	117.8
167	13.7	10.8	16.2

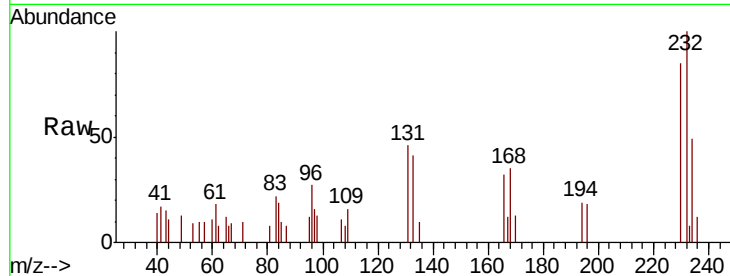




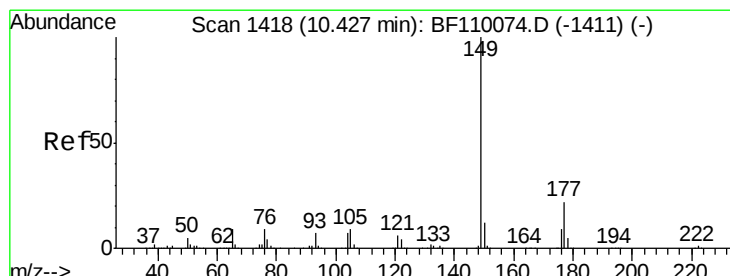
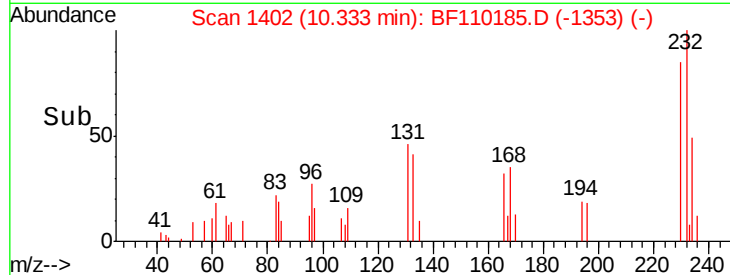
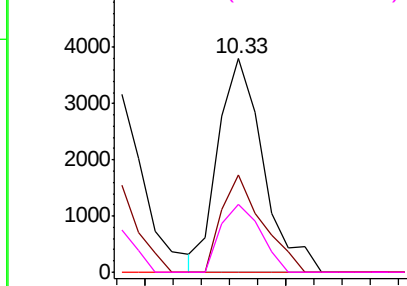
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 1.367 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. -0.01 min
 Lab File: BF110185.D
 Acq: 26 Oct 2018 2:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 4217
 Ion Ratio Lower Upper
 232 100
 131 41.3 37.0 55.4
 130 0.0 1.8 2.6#
 166 28.2 22.0 33.0

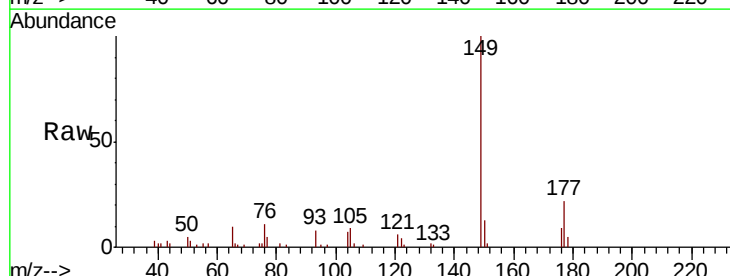


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

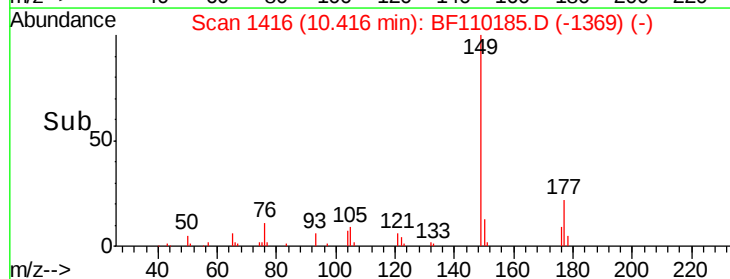
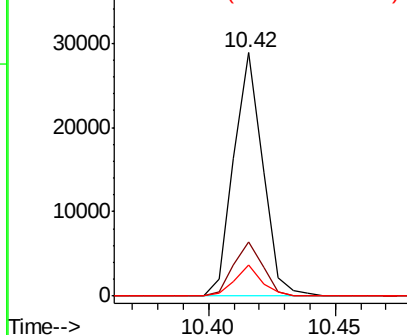


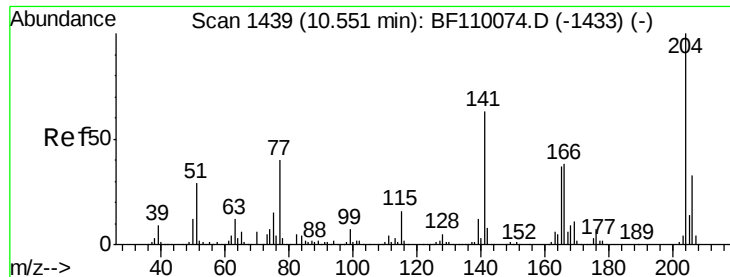
#60
 Diethylphthalate
 Concen: 1.792 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. -0.02 min
 Lab File: BF110185.D
 Acq: 26 Oct 2018 2:35

Tgt Ion:149 Resp: 23012
 Ion Ratio Lower Upper
 149 100
 177 22.3 17.4 26.2
 150 12.6 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

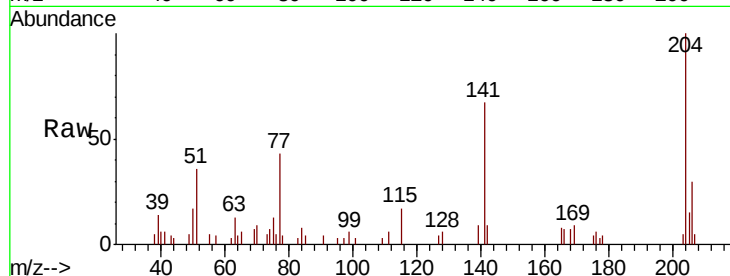




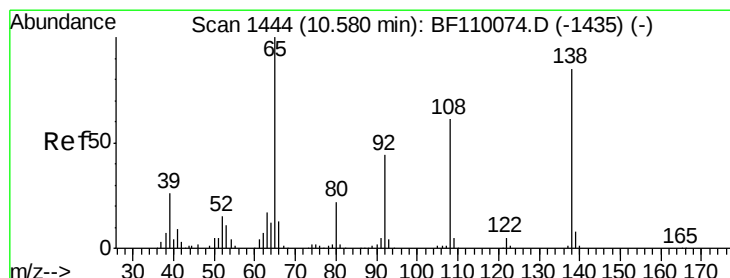
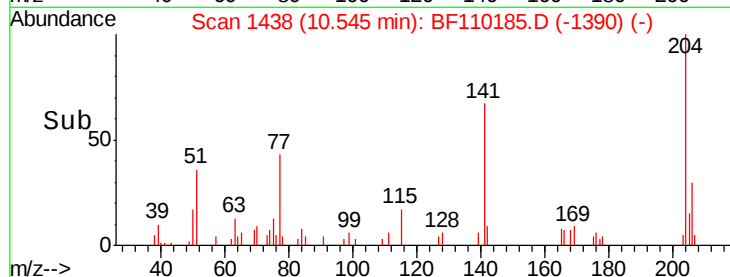
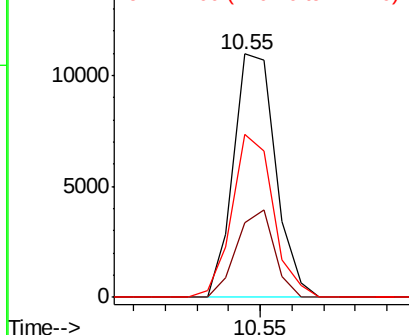
#61
4-Chlorophenyl-phenylether
Concen: 1.624 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.02 min
Lab File: BF110185.D
Acq: 26 Oct 2018 2:35

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 10084
Ion Ratio Lower Upper
204 100
206 30.5 26.5 39.7
141 66.8 51.8 77.8

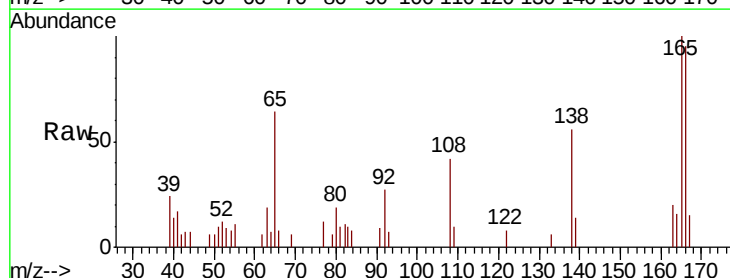


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

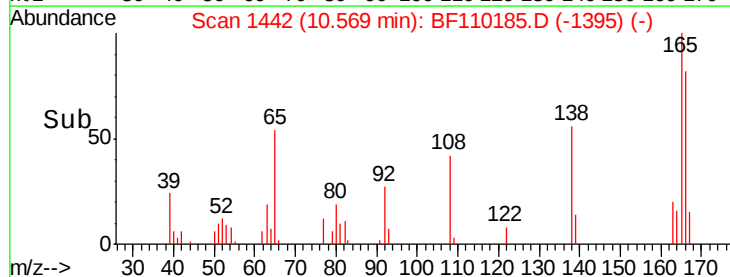
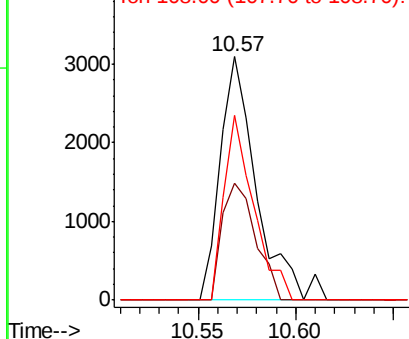


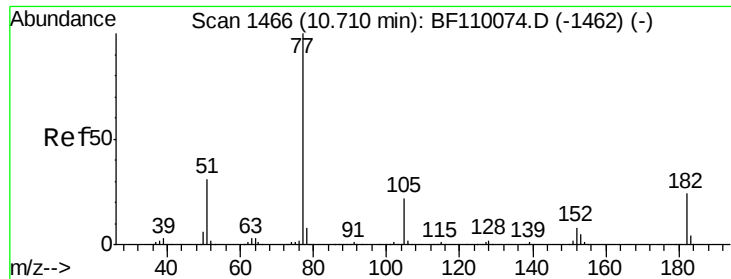
#62
4-Nitroaniline
Concen: 1.198 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.02 min
Lab File: BF110185.D
Acq: 26 Oct 2018 2:35

Tgt Ion:138 Resp: 4015
Ion Ratio Lower Upper
138 100
92 48.0 31.7 71.7
108 75.7 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: 1.471 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.02 min

Lab File: BF110185.D

Acq: 26 Oct 2018 2:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 18748

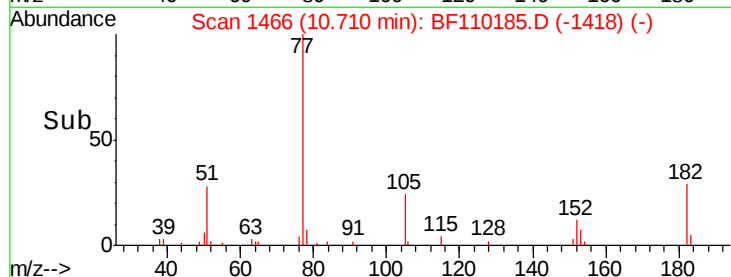
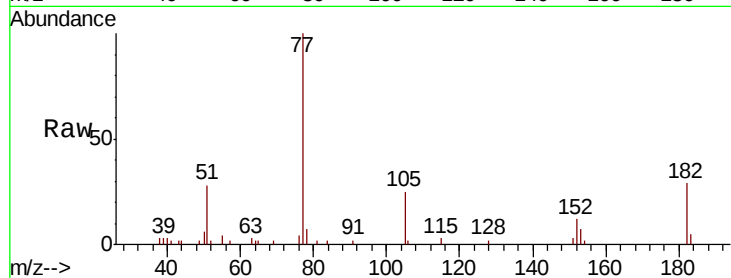
Ion Ratio Lower Upper

77 100

182 28.8 4.3 44.3

105 25.4 1.3 41.3

51 27.6 9.0 49.0

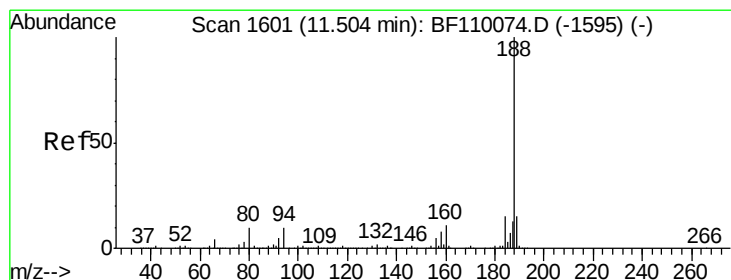
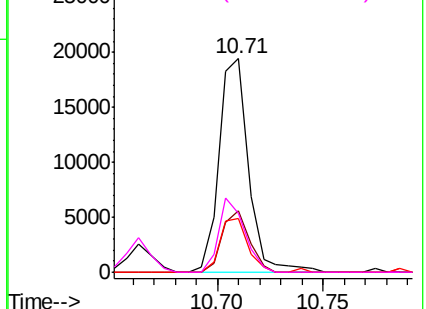


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1601

Delta R.T. -0.01 min

Lab File: BF110185.D

Acq: 26 Oct 2018 2:35

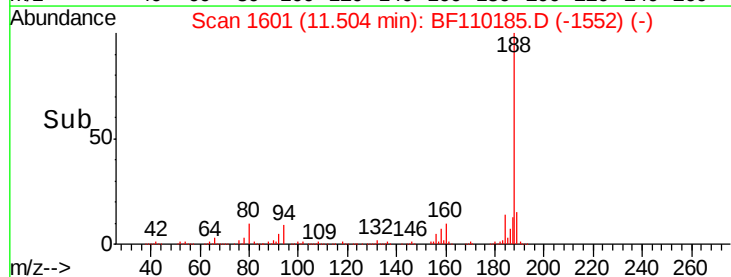
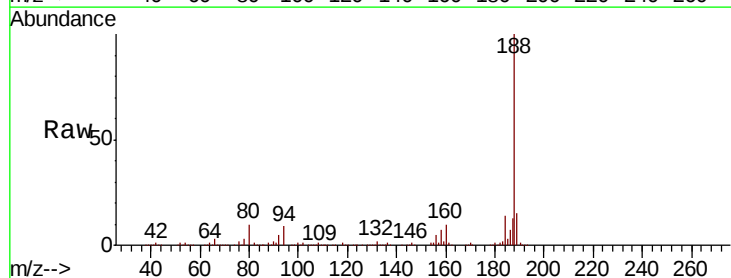
Tgt Ion: 188 Resp: 290208

Ion Ratio Lower Upper

188 100

94 9.0 7.2 10.8

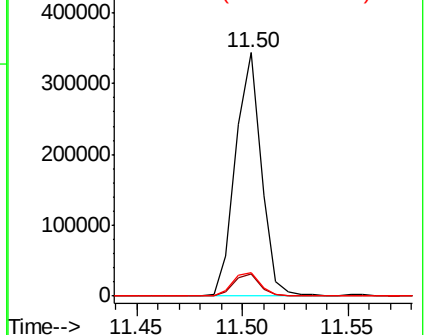
80 9.6 7.9 11.9

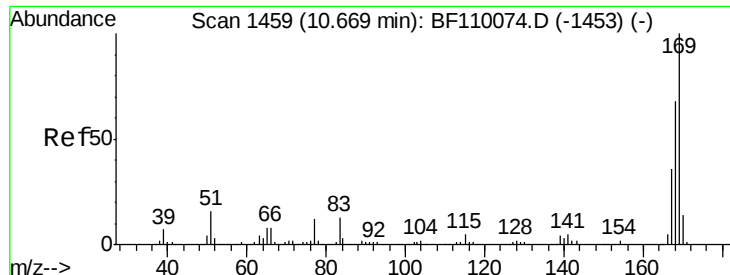


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

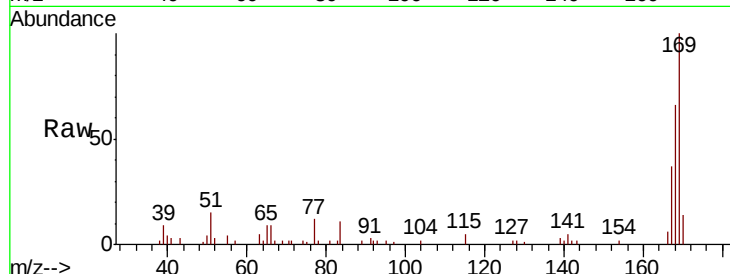




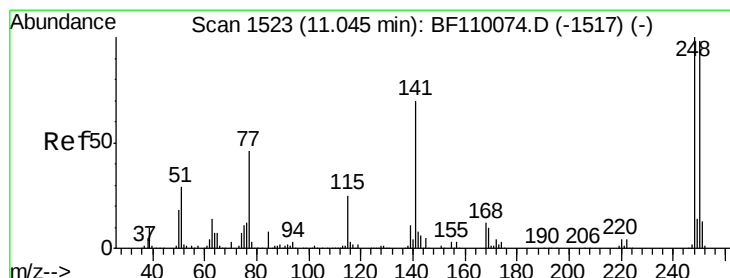
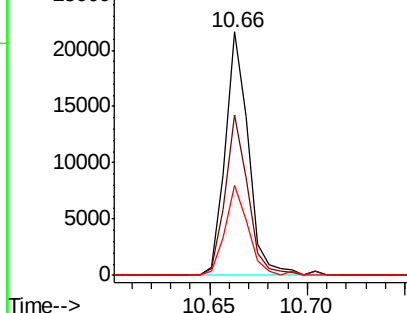
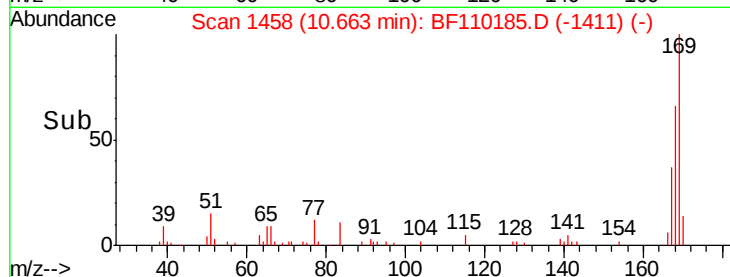
#66
 n-Nitrosodiphenylamine
 Concen: 1.874 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.02 min
 Lab File: BF110185.D
 Acq: 26 Oct 2018 2:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 17834
 Ion Ratio Lower Upper
 169 100
 168 65.8 51.2 76.8
 167 36.8 27.8 41.6

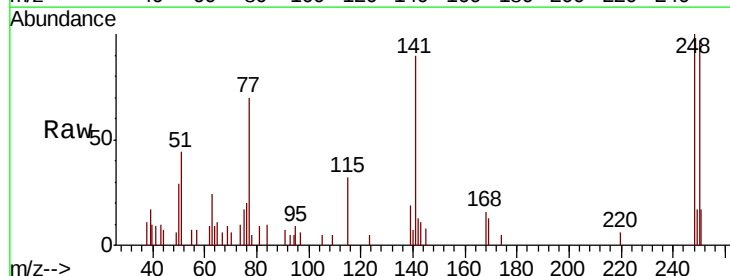


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

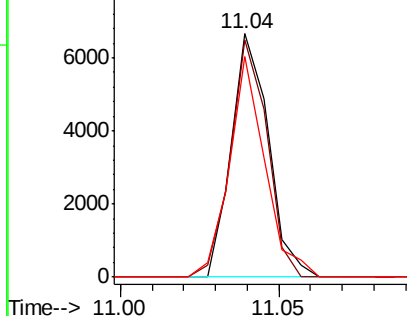
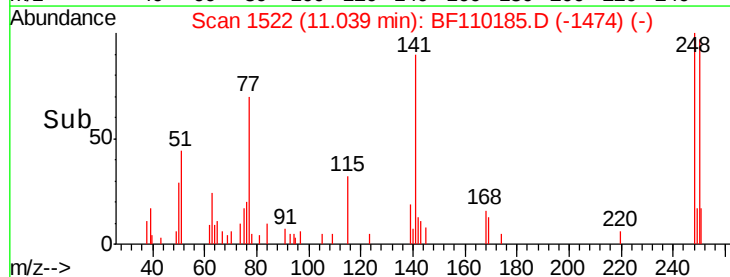


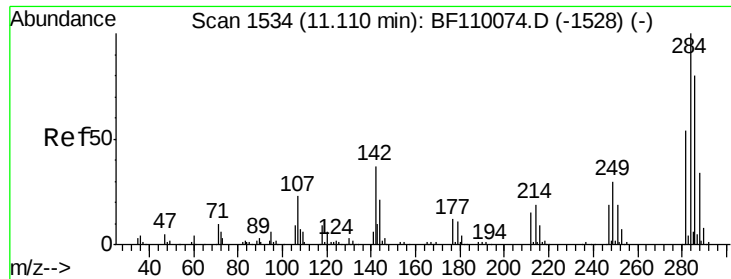
#67
 4-Bromophenyl-phenylether
 Concen: 1.711 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. -0.02 min
 Lab File: BF110185.D
 Acq: 26 Oct 2018 2:35

Tgt Ion:248 Resp: 5386
 Ion Ratio Lower Upper
 248 100
 250 97.2 79.4 119.2
 141 90.3 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: 1.586 ng

RT: 11.11 min Scan# 1534

Delta R.T. -0.02 min

Lab File: BF110185.D

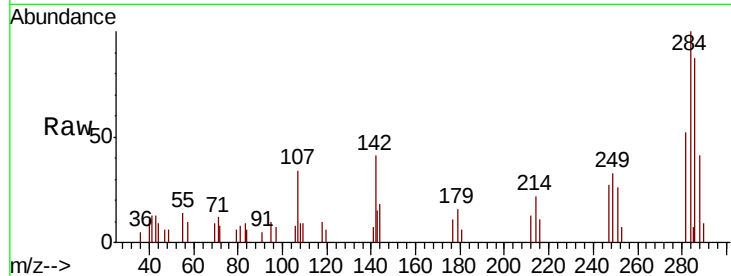
Acq: 26 Oct 2018 2:35

Instrument :

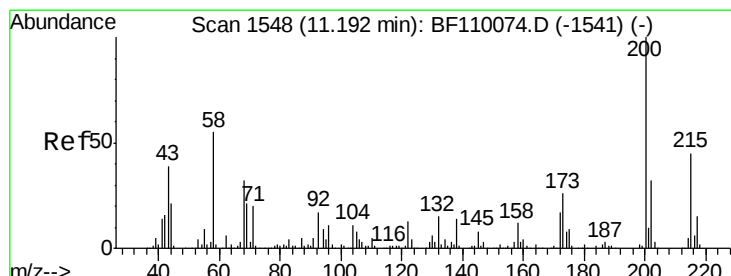
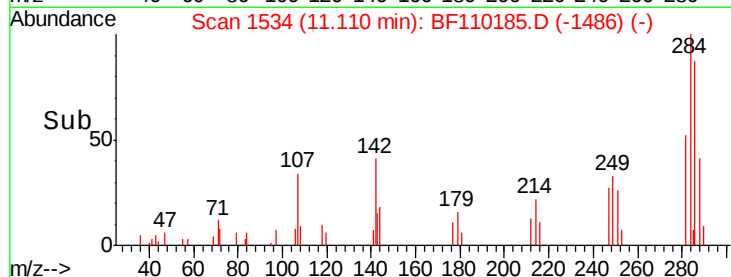
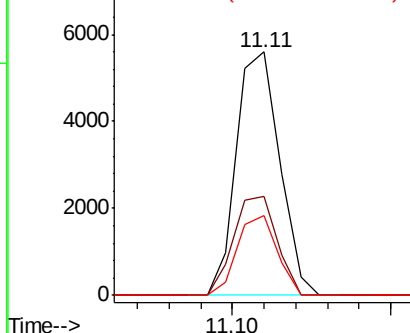
BNA_F

ClientSampleId :

Tot Ion:	284	Resp:	5298
Ion	Ratio	Lower	Upper
284	100		
142	40.9	23.9	35.9#
249	32.7	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: 1.811 ng

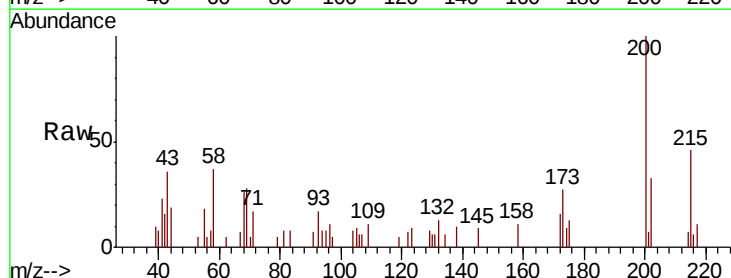
RT: 11.19 min Scan# 1547

Delta R.T. -0.02 min

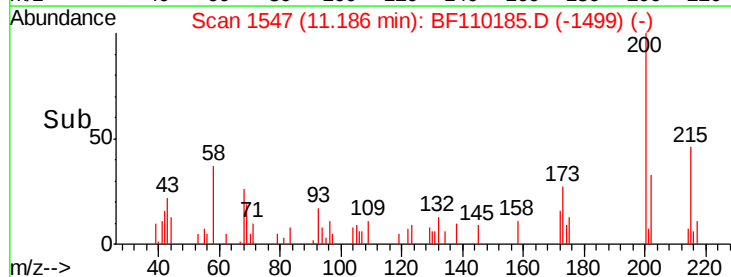
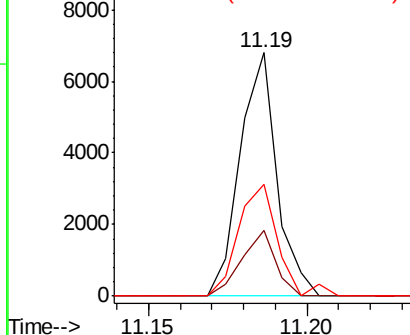
Lab File: BF110185.D

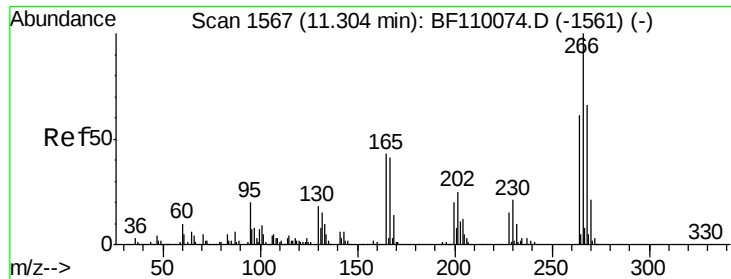
Acq: 26 Oct 2018 2:35

Tgt Ion:	200	Resp:	5449
Ion	Ratio	Lower	Upper
200	100		
173	27.1	6.6	46.6
215	45.9	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



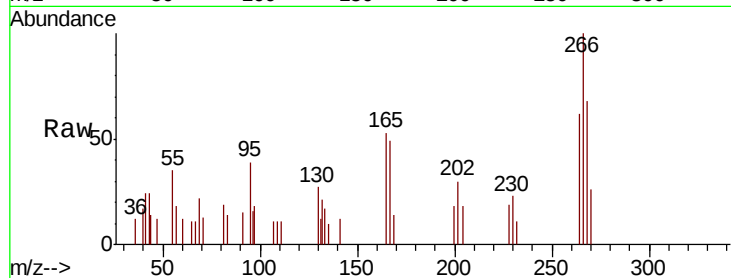


#70
Pentachlorophenol
Concen: 1.588 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF110185.D
Acq: 26 Oct 2018 2:35

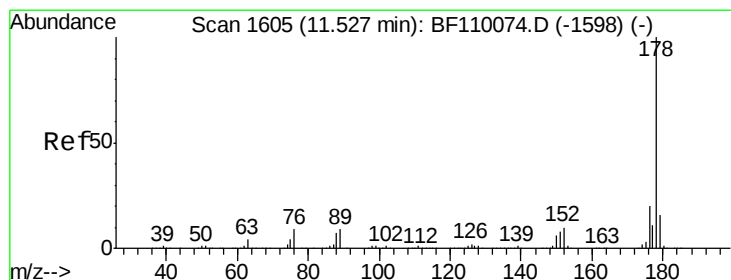
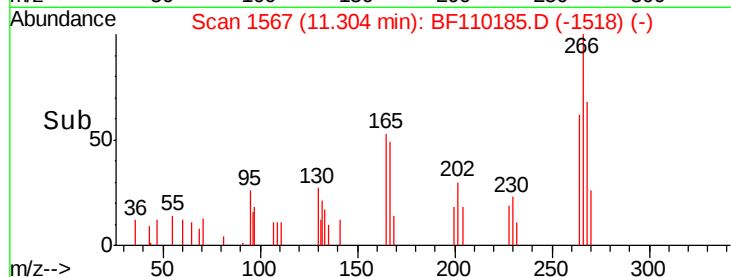
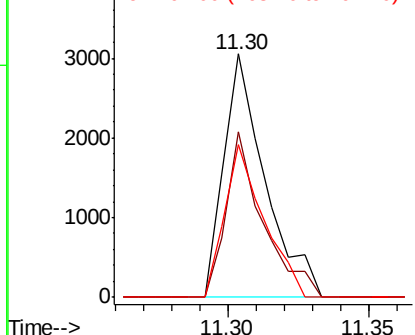
Instrument :
BNA_F
ClientSampleId :

Tot Ion:266 Resp: 3093

Ion	Ratio	Lower	Upper
266	100		
268	68.1	50.6	75.8
264	62.5	50.6	75.8



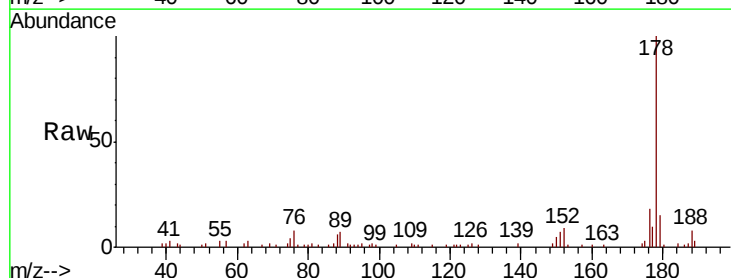
Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E



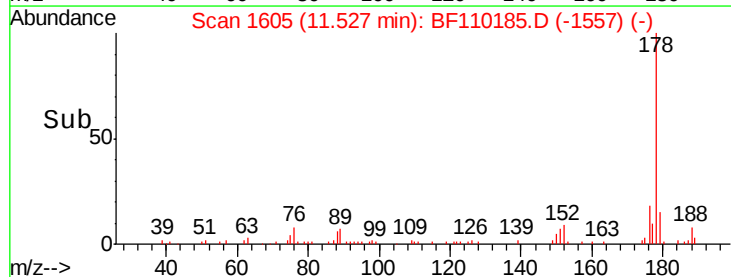
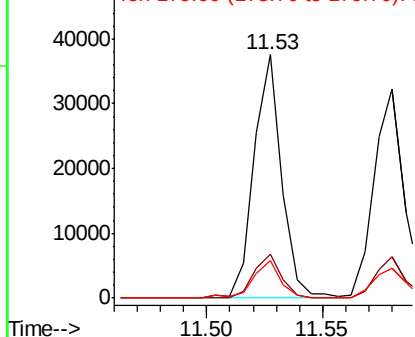
#71
Phenanthrene
Concen: 2.080 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.02 min
Lab File: BF110185.D
Acq: 26 Oct 2018 2:35

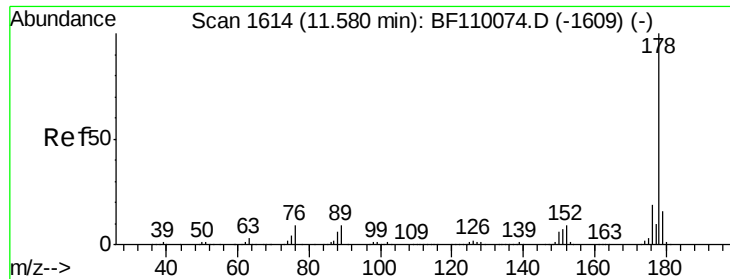
Tgt Ion:178 Resp: 31583

Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.5	23.3
179	15.4	12.5	18.7



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





#72

Anthracene

Concen: 1.965 ng

RT: 11.58 min Scan# 1614

Delta R.T. -0.02 min

Lab File: BF110185.D

Acq: 26 Oct 2018 2:35

Instrument :

BNA_F

ClientSampleId :

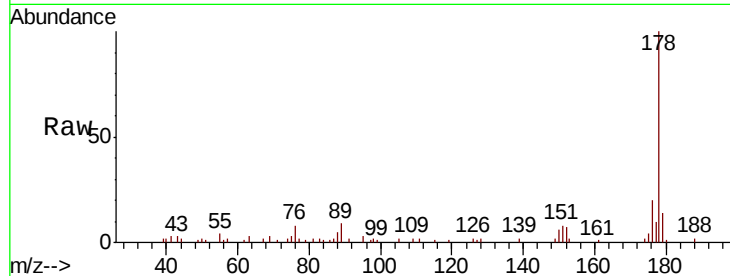
Tot Ion:178 Resp: 29908

Ion Ratio Lower Upper

178 100

176 19.7 15.4 23.2

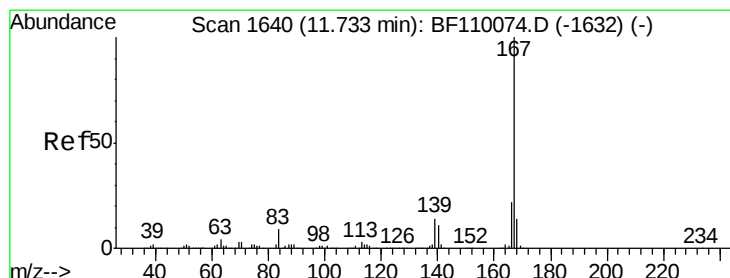
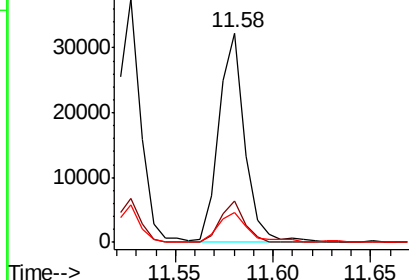
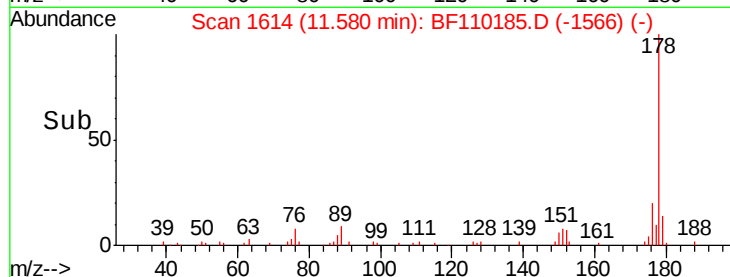
179 14.1 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 1.660 ng

RT: 11.73 min Scan# 1640

Delta R.T. -0.01 min

Lab File: BF110185.D

Acq: 26 Oct 2018 2:35

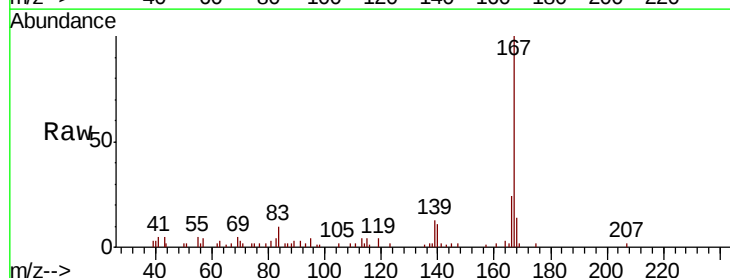
Tgt Ion:167 Resp: 24674

Ion Ratio Lower Upper

167 100

166 24.0 17.4 26.0

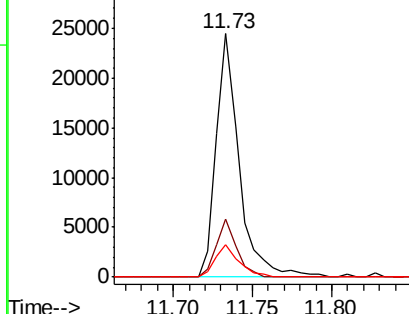
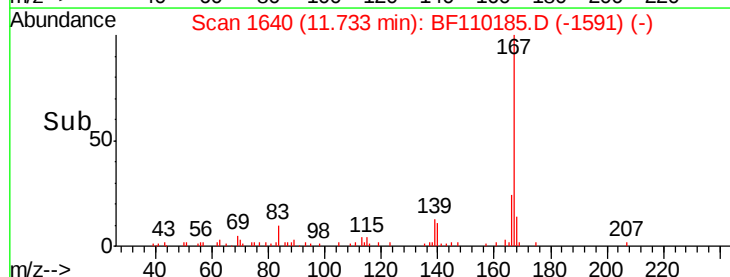
139 13.4 10.9 16.3

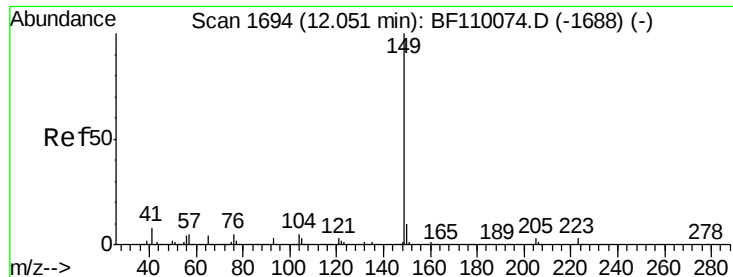


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

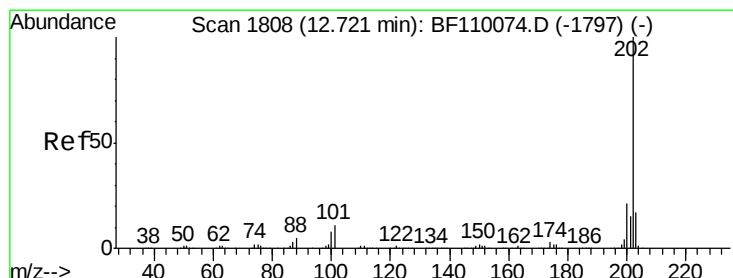
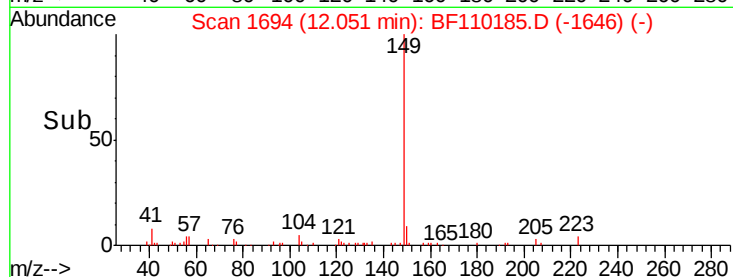
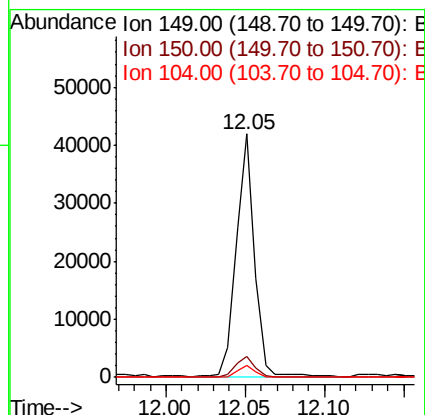
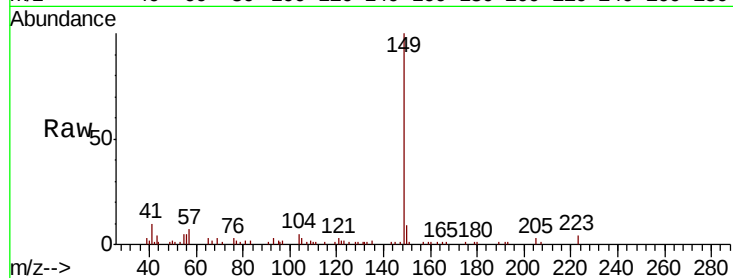




#74
Di-n-butylphthalate
Concen: 2.037 ng
RT: 12.05 min Scan# 1694
Delta R.T. -0.02 min
Lab File: BF110185.D
Acq: 26 Oct 2018 2:35

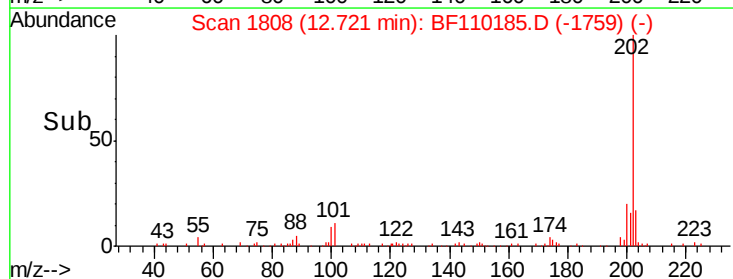
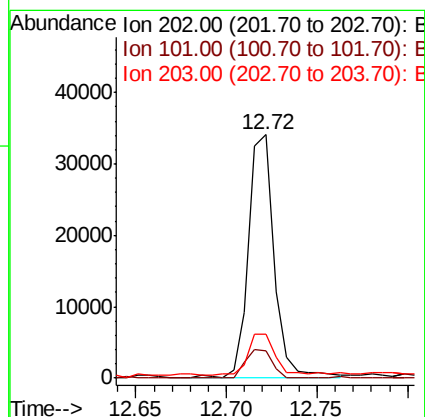
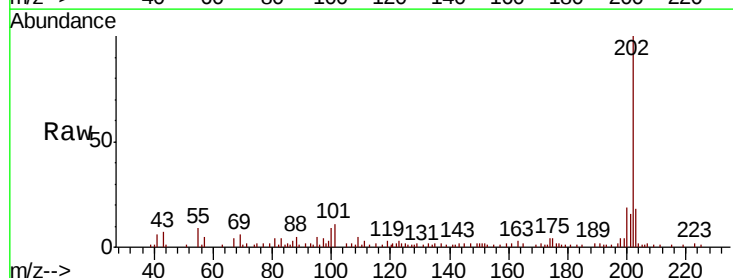
Instrument :
BNA_F
ClientSampleId :

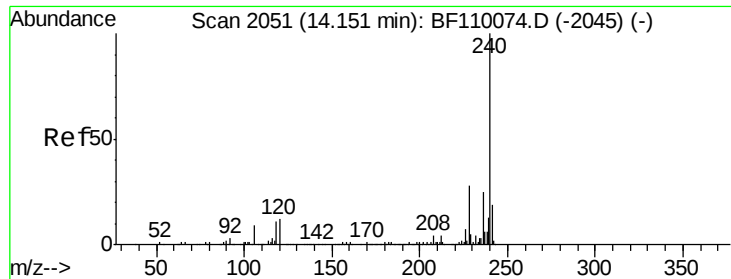
Tot Ion:149 Resp: 34185
Ion Ratio Lower Upper
149 100
150 8.5 7.7 11.5
104 5.0 4.2 6.4



#75
Fluoranthene
Concen: 2.201 ng
RT: 12.72 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF110185.D
Acq: 26 Oct 2018 2:35

Tgt Ion:202 Resp: 33913
Ion Ratio Lower Upper
202 100
101 11.4 0.0 31.4
203 18.0 0.0 37.7

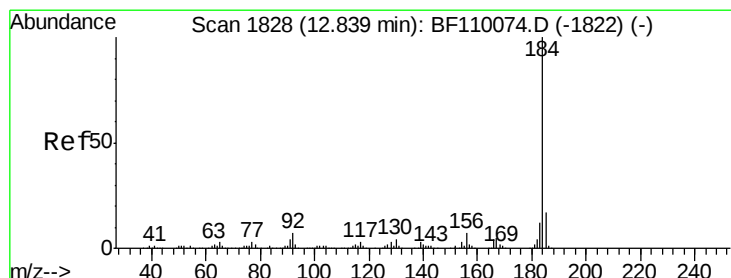
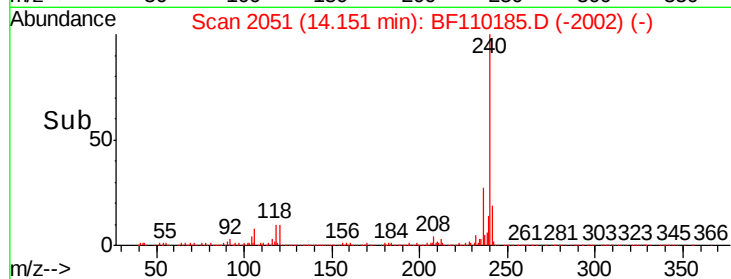
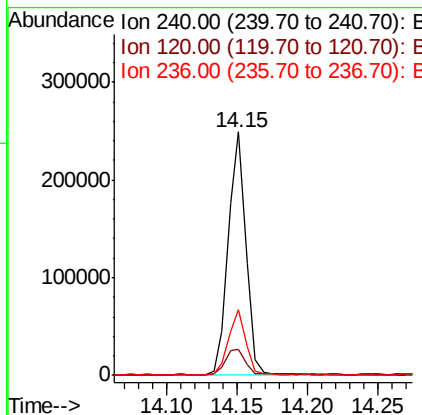
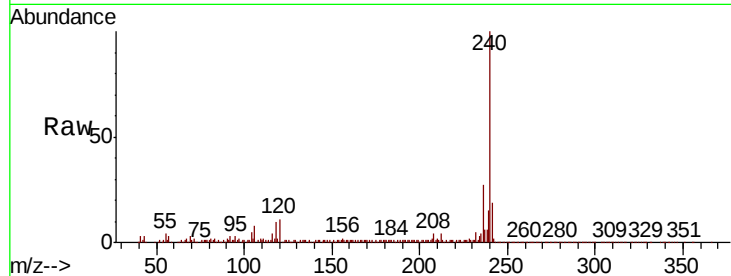




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF110185.D
Acq: 26 Oct 2018 2:35

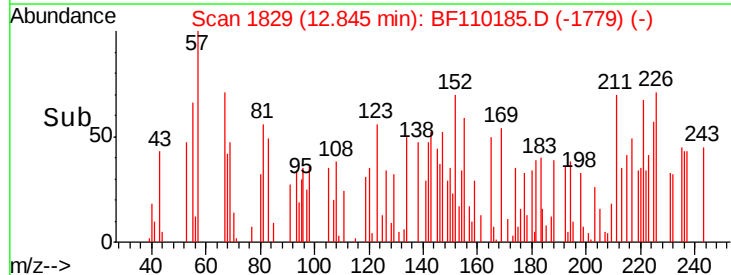
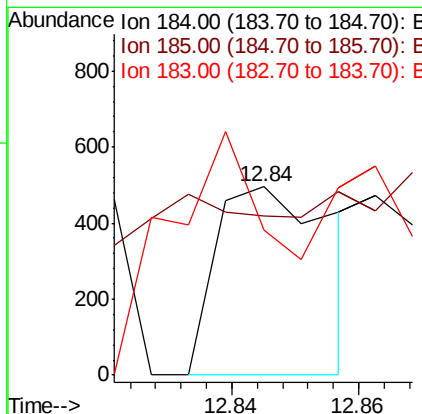
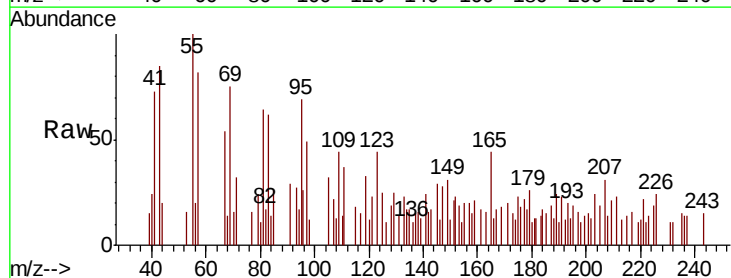
Instrument :
BNA_F
ClientSampleId :

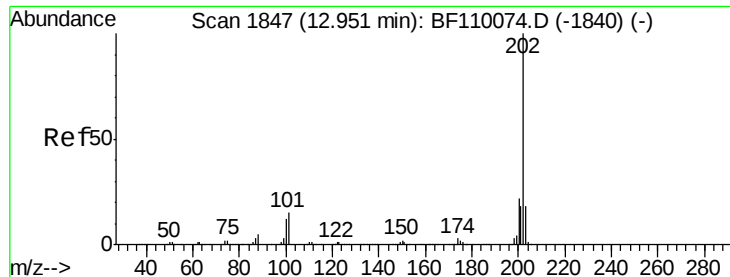
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.3	12.5
236	26.8	21.2	31.8



#77
Benzidine
Concen: 0.069 ng
RT: 12.84 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF110185.D
Acq: 26 Oct 2018 2:35

Tgt Ion	Ratio	Lower	Upper
184	100		
185	84.3	13.4	20.2#
183	77.2	9.4	14.2#





#78

Pvrene

Concen: 2.293 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.02 min

Lab File: BF110185.D

Acq: 26 Oct 2018 2:35

Instrument :

BNA_F

ClientSampleId :

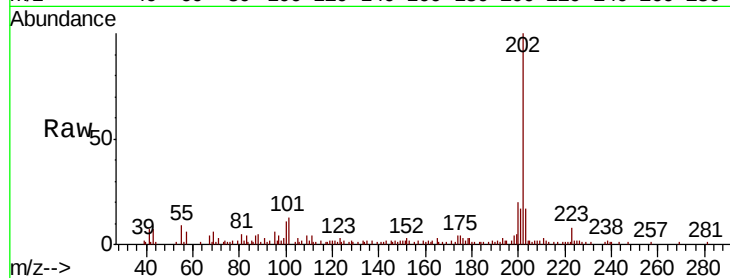
Tot Ion:202 Resp: 35452

Ion Ratio Lower Upper

202 100

200 20.0 17.8 26.6

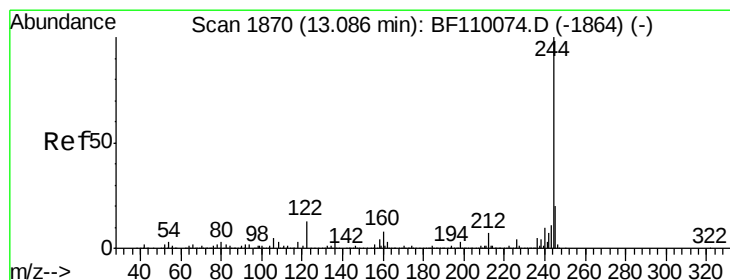
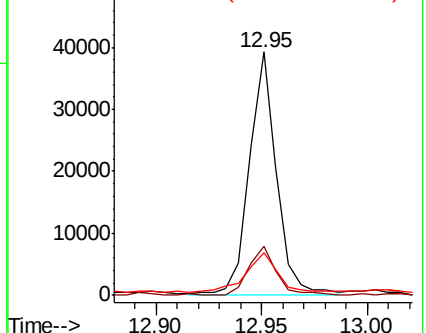
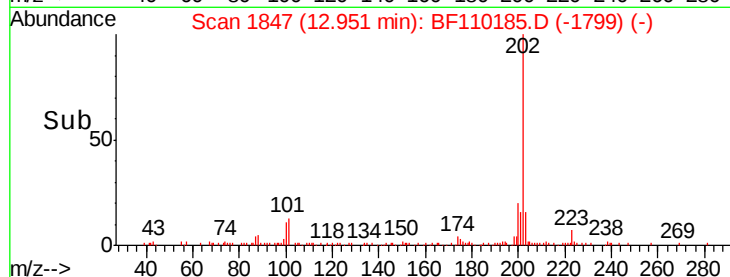
203 17.3 14.2 21.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 4.428 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.02 min

Lab File: BF110185.D

Acq: 26 Oct 2018 2:35

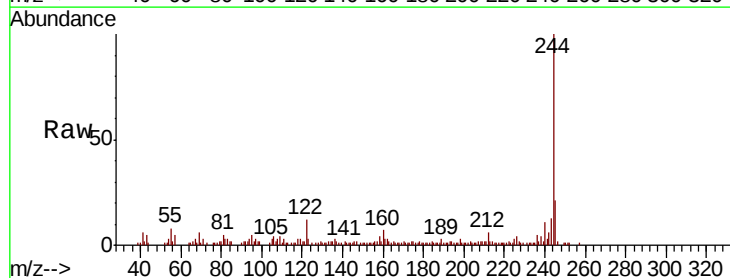
Tgt Ion:244 Resp: 45910

Ion Ratio Lower Upper

244 100

212 6.2 5.8 8.8

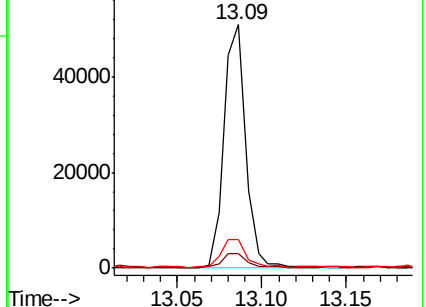
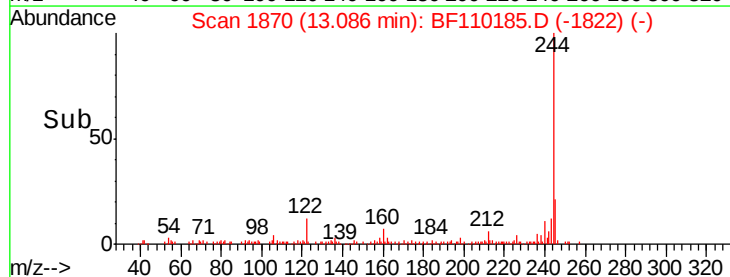
122 11.5 8.7 13.1

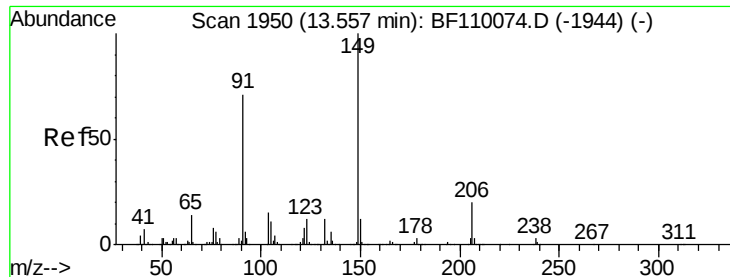


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

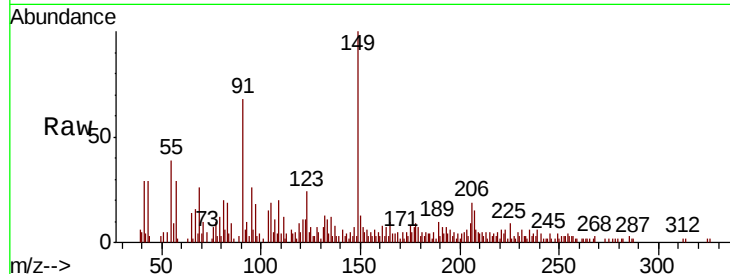




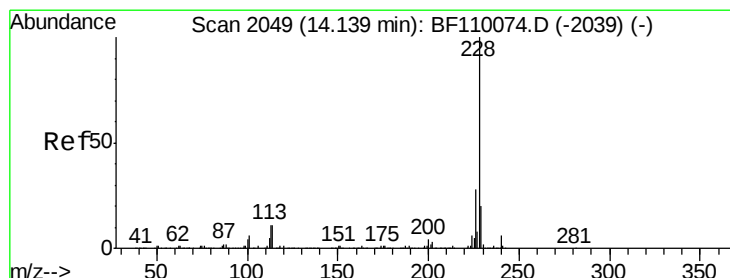
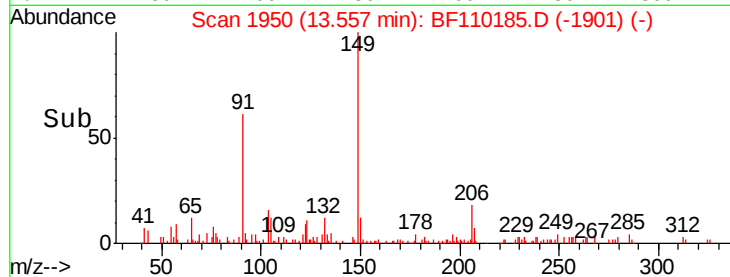
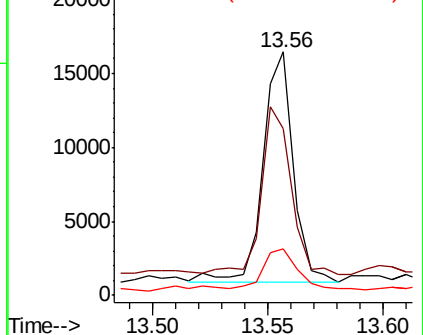
#80
Butylbenzylphthalate
Concen: 2.102 ng
RT: 13.56 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BF110185.D
Acq: 26 Oct 2018 2:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
91	68.3	57.2	85.8
206	19.2	15.7	23.5

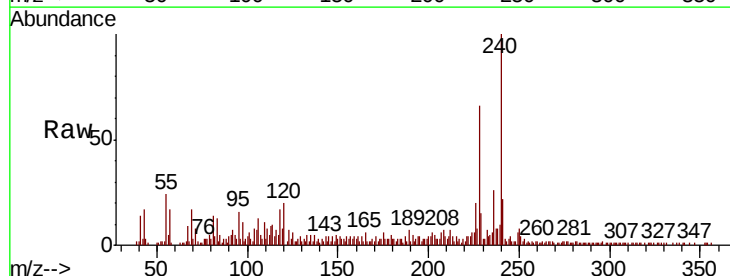


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

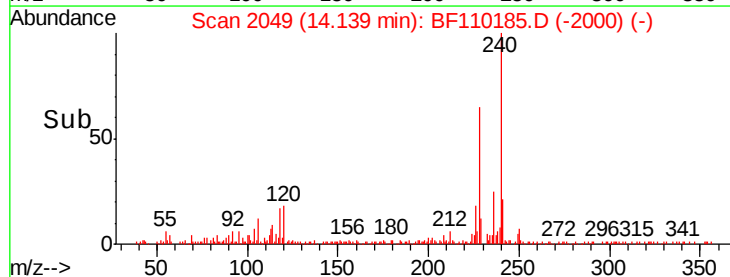
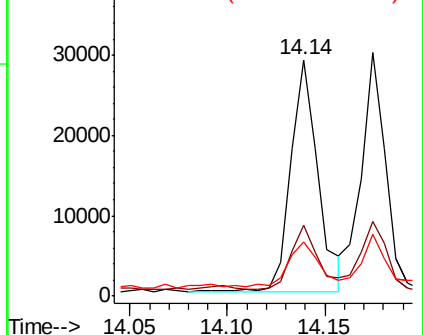


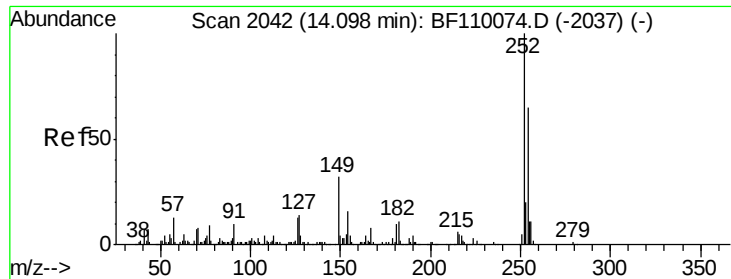
#81
Benzo(a)anthracene
Concen: 2.184 ng
RT: 14.14 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BF110185.D
Acq: 26 Oct 2018 2:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	22.1	33.1
229	22.8	15.6	23.4



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

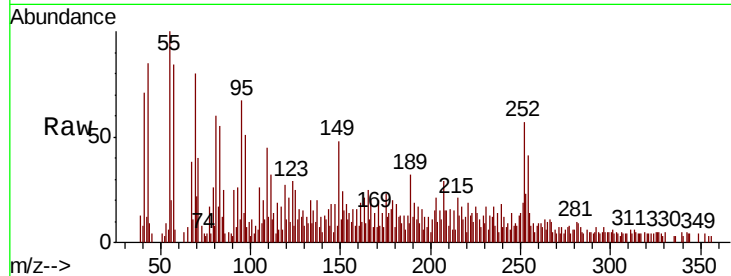




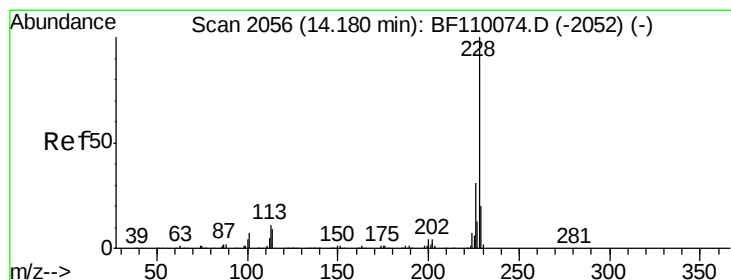
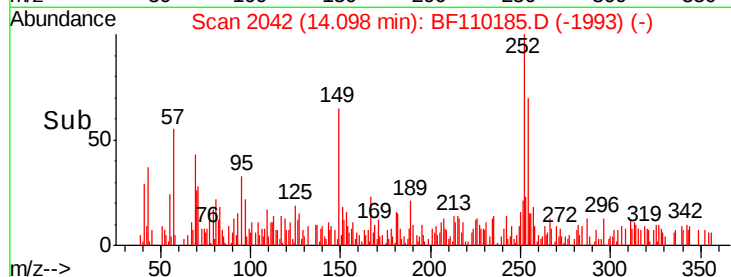
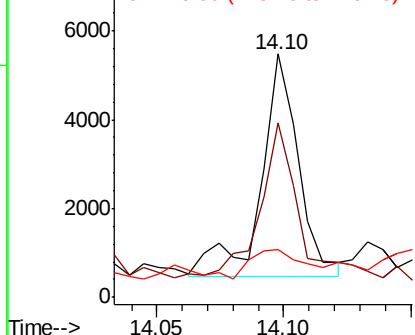
#82
 3,3'-Dichlorobenzidine
 Concen: 1.168 ng
 RT: 14.10 min Scan# 2042
 Delta R.T. -0.01 min
 Lab File: BF110185.D
 Acq: 26 Oct 2018 2:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 5199
 Ion Ratio Lower Upper
 252 100
 254 71.6 51.3 76.9
 126 19.7 9.4 14.2#

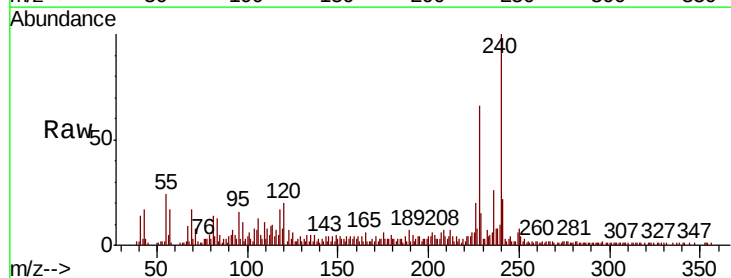


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

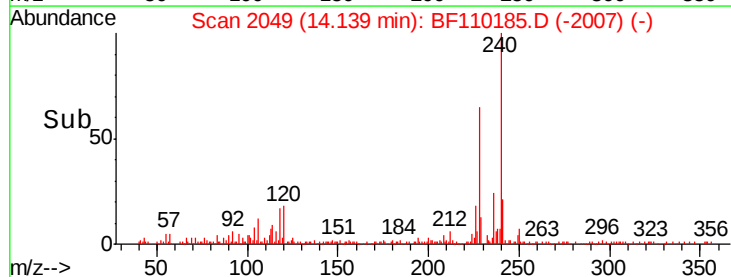
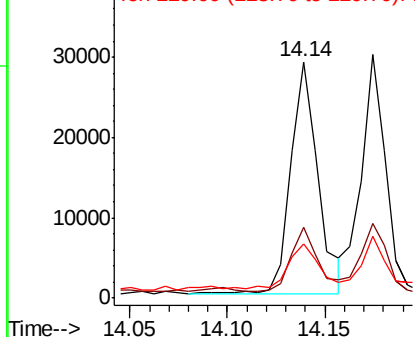


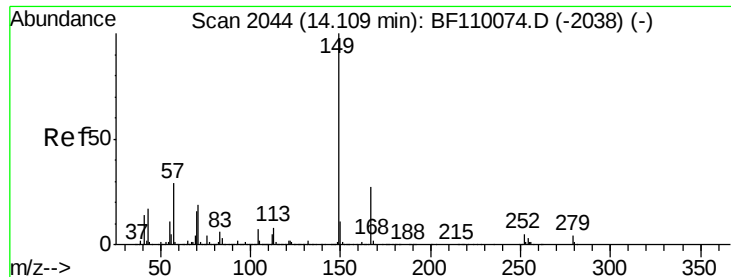
#83
 Chrysene
 Concen: 2.299 ng
 RT: 14.14 min Scan# 2049
 Delta R.T. -0.05 min
 Lab File: BF110185.D
 Acq: 26 Oct 2018 2:35

Tgt Ion:228 Resp: 27929
 Ion Ratio Lower Upper
 228 100
 226 29.7 24.7 37.1
 229 22.8 15.9 23.9



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





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.200 ng

RT: 14.11 min Scan# 2044

Delta R.T. -0.02 min

Lab File: BF110185.D

Acq: 26 Oct 2018 2:35

Instrument :

BNA_F

ClientSampleId :

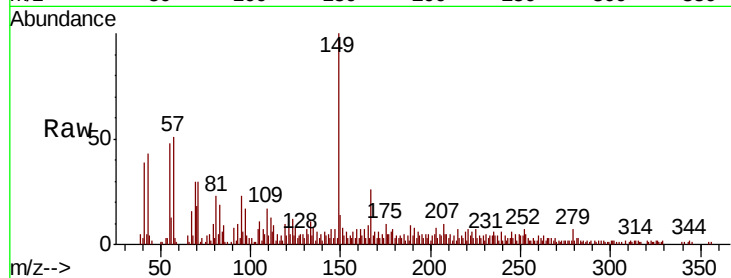
Tot Ion:149 Resp: 19958

Ion Ratio Lower Upper

149 100

167 25.8 19.8 29.8

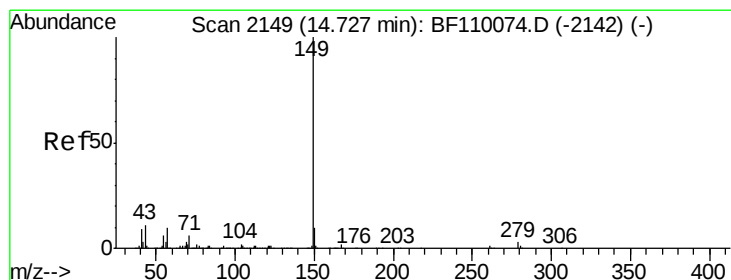
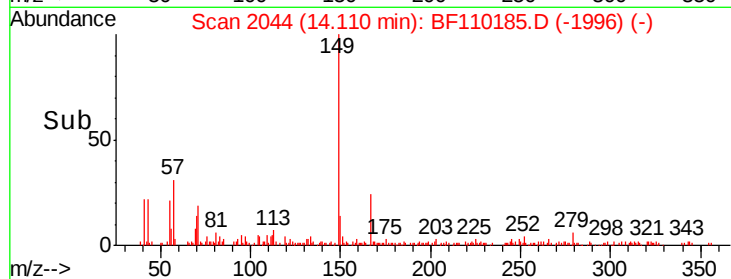
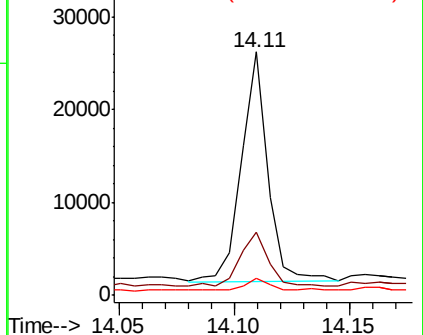
279 7.2 2.7 4.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 2.077 ng

RT: 14.73 min Scan# 2149

Delta R.T. -0.02 min

Lab File: BF110185.D

Acq: 26 Oct 2018 2:35

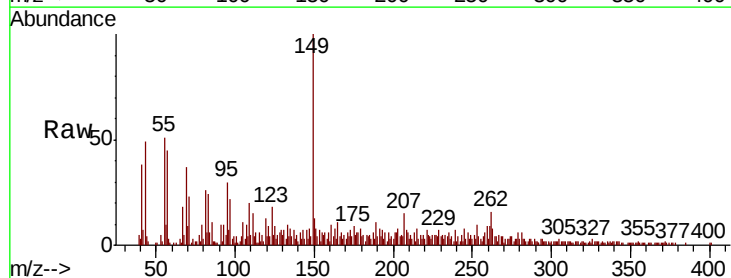
Tgt Ion:149 Resp: 29297

Ion Ratio Lower Upper

149 100

167 3.6 1.1 1.7#

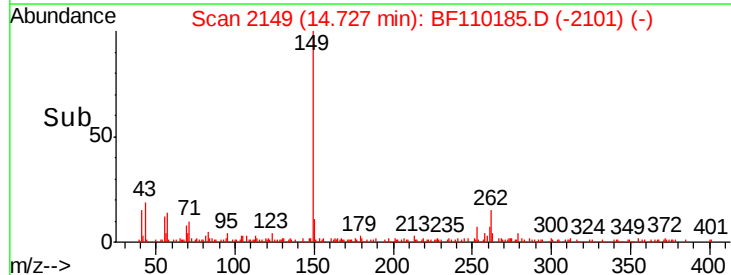
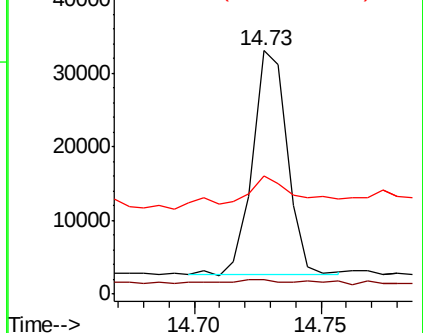
43 15.6 7.8 11.8#

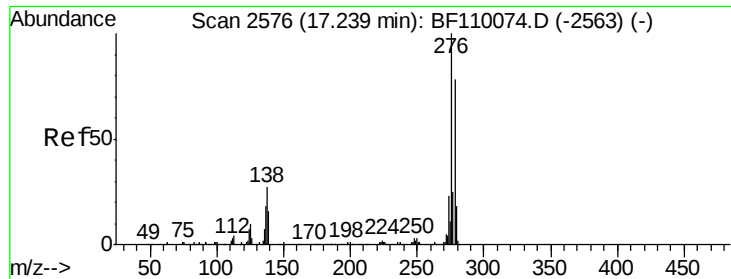


Abundance Ion 149.00 (148.70 to 149.70): E

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: 1.670 ng

RT: 17.24 min Scan# 2577

Delta R.T. -0.02 min

Lab File: BF110185.D

Acq: 26 Oct 2018 2:35

Instrument :

BNA_F

ClientSampleId :

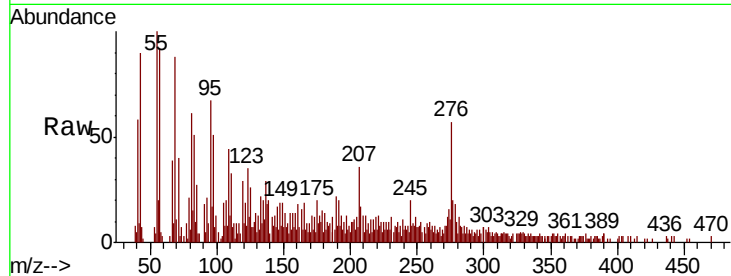
Tot Ion:276 Resp: 16829

Ion Ratio Lower Upper

276 100

138 27.7 18.5 27.7#

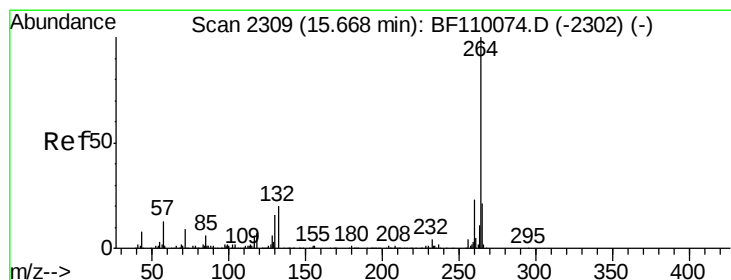
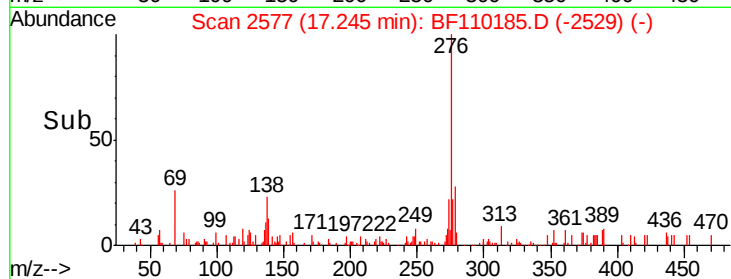
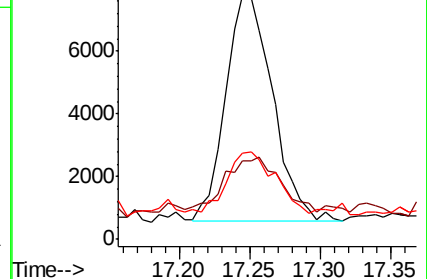
277 29.8 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.68 min Scan# 2311

Delta R.T. -0.01 min

Lab File: BF110185.D

Acq: 26 Oct 2018 2:35

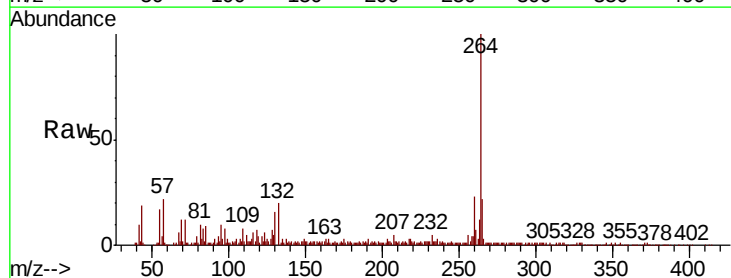
Tgt Ion:264 Resp: 160490

Ion Ratio Lower Upper

264 100

260 22.6 18.7 28.1

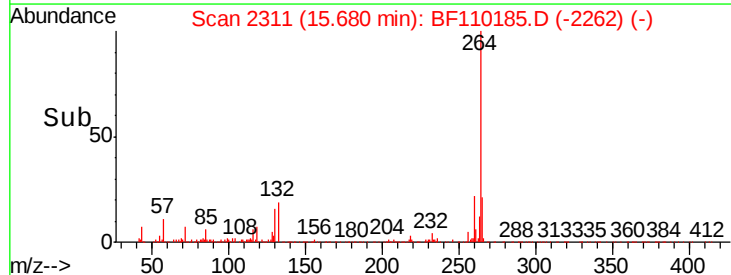
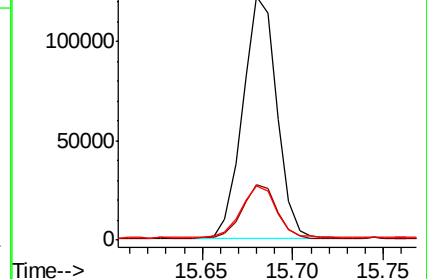
265 22.1 16.7 25.1

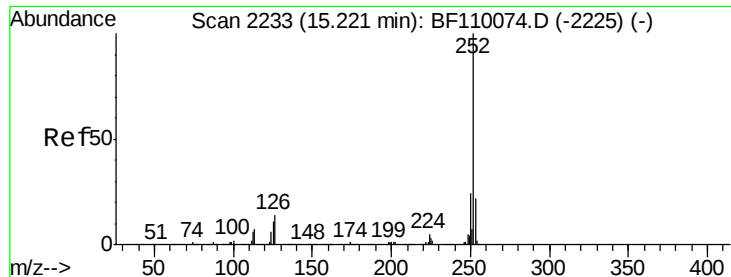


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

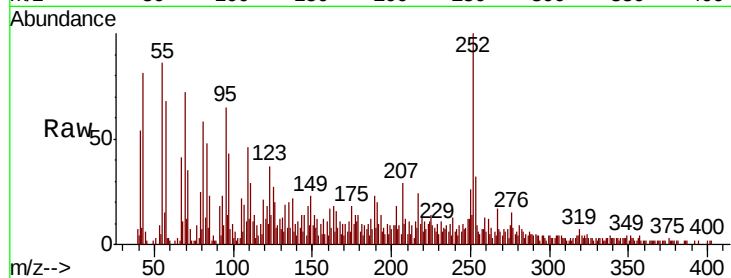




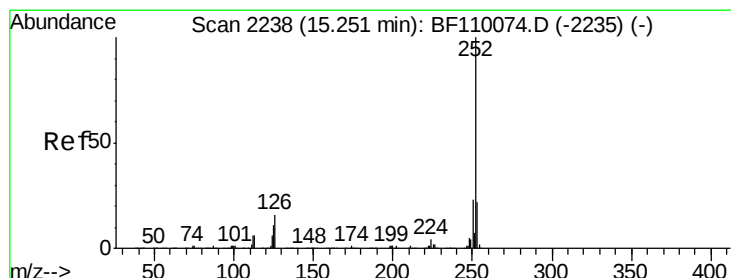
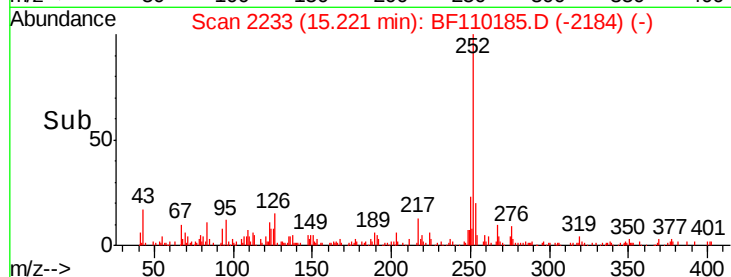
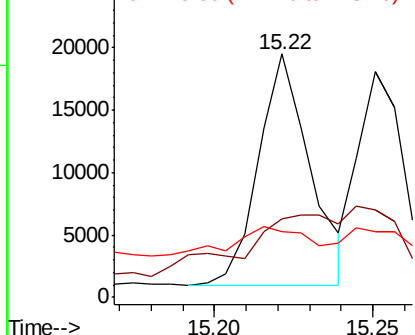
#88
Benzo(b)fluoranthene
Concen: 2.271 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BF110185.D
Acq: 26 Oct 2018 2:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 21043
Ion Ratio Lower Upper
252 100
253 32.4 17.2 25.8#
125 27.1 8.2 12.4#

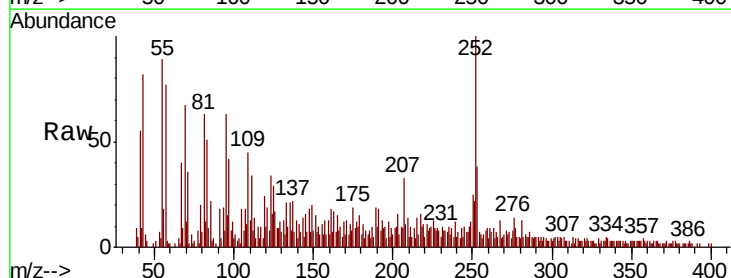


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

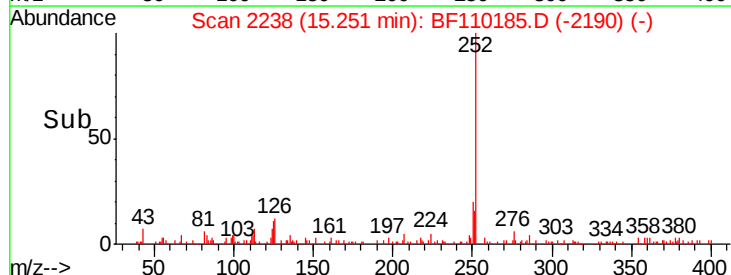
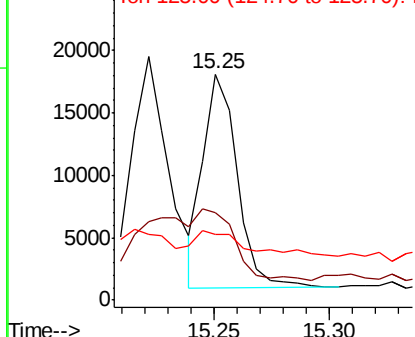


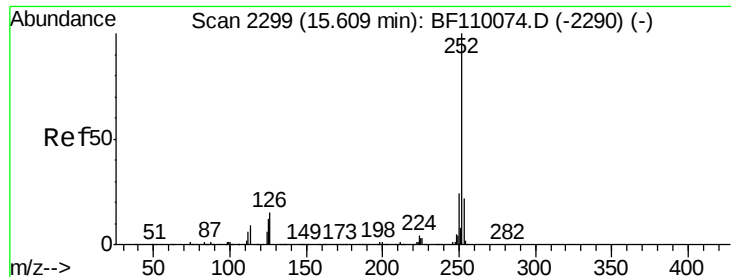
#89
Benzo(k)fluoranthene
Concen: 1.936 ng
RT: 15.25 min Scan# 2238
Delta R.T. -0.02 min
Lab File: BF110185.D
Acq: 26 Oct 2018 2:35

Tgt Ion:252 Resp: 17635
Ion Ratio Lower Upper
252 100
253 38.5 17.2 25.8#
125 29.3 7.4 11.0#



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





#90

Benzo(a)pyrene

Concen: 2.094 ng

RT: 15.61 min Scan# 2299

Delta R.T. -0.02 min

Lab File: BF110185.D

Acq: 26 Oct 2018 2:35

Instrument :

BNA_F

ClientSampleId :

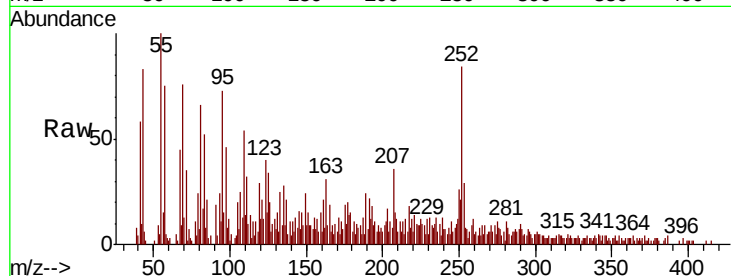
Tot Ion:252 Resp: 17856

Ion Ratio Lower Upper

252 100

253 34.3 18.2 27.4#

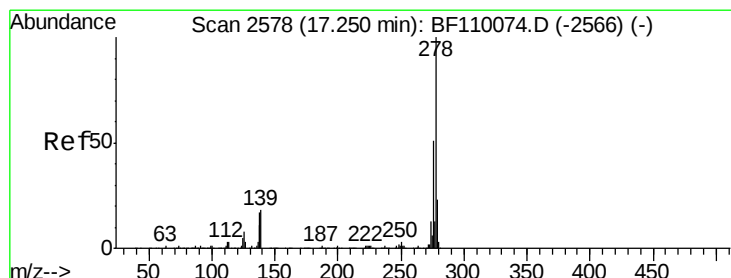
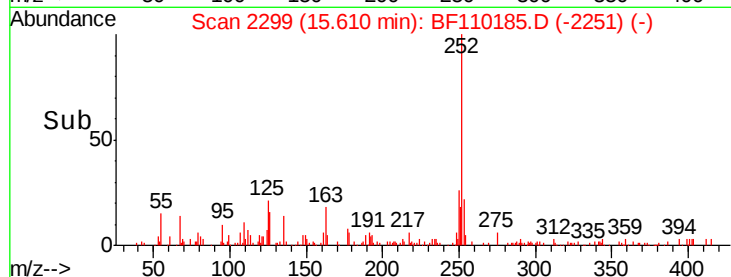
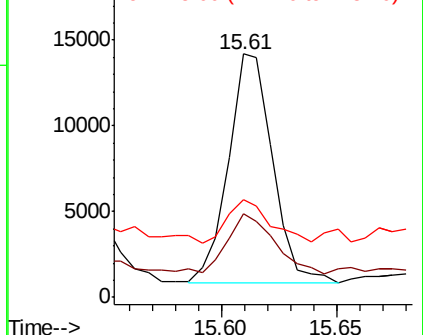
125 40.2 9.0 13.6#



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: 1.819 ng

RT: 17.26 min Scan# 2580

Delta R.T. -0.02 min

Lab File: BF110185.D

Acq: 26 Oct 2018 2:35

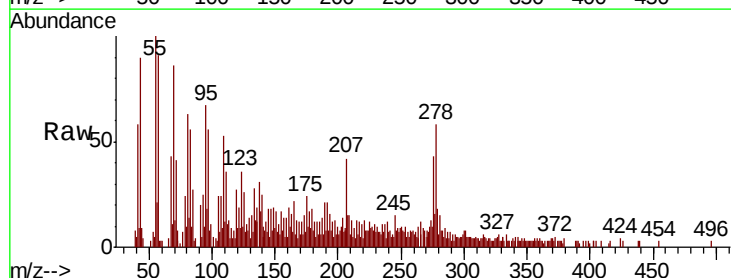
Tgt Ion:278 Resp: 13387

Ion Ratio Lower Upper

278 100

139 42.9 12.7 19.1#

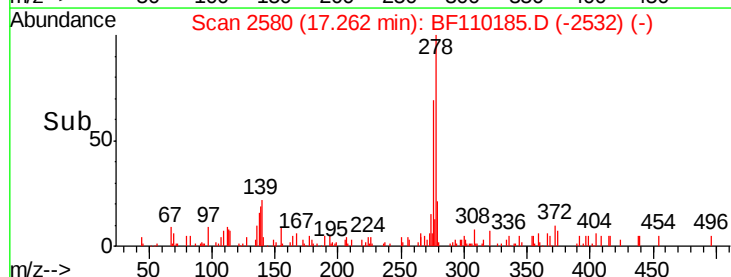
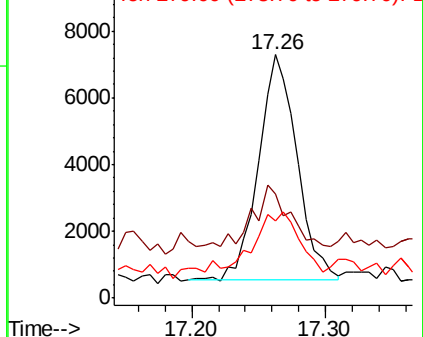
279 31.5 19.0 28.4#

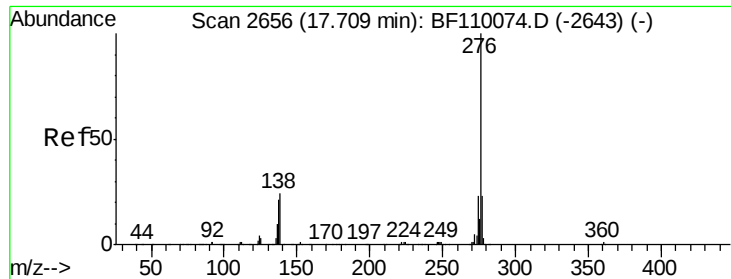


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

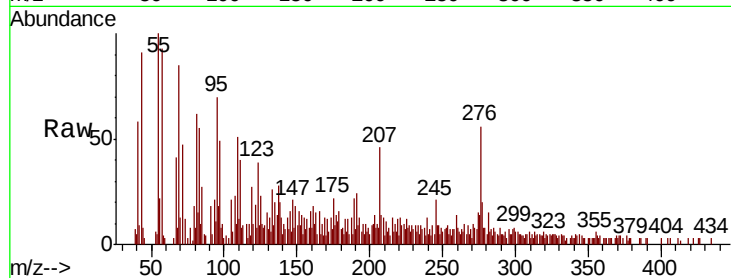




#92
 Benzo(a,h,i)perylene
 Concen: 1.887 ng
 RT: 17.73 min Scan# 2659
 Delta R.T. -0.01 min
 Lab File: BF110185.D
 Acq: 26 Oct 2018 2:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	35.8	18.8	28.2
138	35.8	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

