

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102318\
 Data File : BF110089.D
 Acq On : 23 Oct 2018 20:37
 Operator : JU/SJ
 Sample : J5164-03
 Misc : MDL 5PPM
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 24 02:55:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 23 15:06:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	178278	20.00	ng	-0.02
21) Naphthalene-d8	8.25	136	758697	20.00	ng	-0.02
39) Acenaphthene-d10	10.00	164	369248	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	717002	20.00	ng	-0.02
76) Chrysene-d12	14.14	240	610974	20.00	ng	-0.02
87) Perylene-d12	15.67	264	519471	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	1394309	127.36	ng	-0.02
7) Phenol-d6	6.59	99	1789688	127.81	ng	-0.02
23) Nitrobenzene-d5	7.53	82	1056032	82.56	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	473153	129.36	ng	-0.01
45) 2-Fluorobiphenyl	9.32	172	1912143	81.32	ng	-0.02
79) Terphenyl-d14	13.09	244	1998841	68.04	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.83	88	24535	4.278	ng	93
3) Pyridine	3.67	79	61947	4.849	ng	# 84
4) n-Nitrosodimethylamine	3.55	42	27156	5.074	ng	# 92
6) Aniline	6.63	93	85147	4.668	ng	# 56
8) 2-Chlorophenol	6.75	128	66619	5.278	ng	97
9) Benzaldehyde	6.52	77	41547	3.410	ng	89
10) Phenol	6.60	94	77984	5.210	ng	# 65
11) bis(2-Chloroethyl)ether	6.70	93	65418	5.312	ng	99
12) 1,3-Dichlorobenzene	6.90	146	74129	5.337	ng	96
13) 1,4-Dichlorobenzene	6.98	146	73413	5.226	ng	99
14) 1,2-Dichlorobenzene	7.13	146	70443	5.402	ng	99
15) Benzyl Alcohol	7.10	79	68258	6.338	ng	88
16) 2,2'-oxybis(1-Chloropropan	7.23	45	107549	5.462	ng	66
17) 2-Methylphenol	7.20	107	54098	5.378	ng	# 81
18) Hexachloroethane	7.47	117	26672	5.186	ng	94
19) n-Nitroso-di-n-propylamine	7.36	70	46563	5.183	ng	91
20) 3+4-Methylphenols	7.35	107	71300	5.484	ng	# 86
22) Acetophenone	7.37	105	97497	5.577	ng	# 98
24) Nitrobenzene	7.55	77	72111	5.460	ng	93
25) Isophorone	7.77	82	129981	5.961	ng	98
26) 2-Nitrophenol	7.86	139	29152	4.639	ng	94
27) 2,4-Dimethylphenol	7.89	122	58205	5.586	ng	98
28) bis(2-Chloroethoxy)methane	7.99	93	82997	5.603	ng	98
29) 2,4-Dichlorophenol	8.10	162	54097	5.139	ng	98
30) 1,2,4-Trichlorobenzene	8.19	180	61820	5.243	ng	98
31) Naphthalene	8.27	128	208134	5.952	ng	99
32) Benzoic acid	7.95	122	20285	2.519	ng	91
33) 4-Chloroaniline	8.32	127	67015	4.258	ng	95
34) Hexachlorobutadiene	8.38	225	33745	5.155	ng	99
35) Caprolactam	8.65	113	16388	4.467	ng	# 89
36) 4-Chloro-3-methylphenol	8.78	107	59817	5.255	ng	97
37) 2-Methylnaphthalene	8.96	142	141630	6.122	ng	97
38) 1-Methylnaphthalene	9.06	142	133041	5.951	ng	96
40) 1,2,4,5-Tetrachlorobenzene	9.12	216	58948	5.124	ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102318\
 Data File : BF110089.D
 Acq On : 23 Oct 2018 20:37
 Operator : JU/SJ
 Sample : J5164-03
 Misc : MDL 5PPM
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 24 02:55:04 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

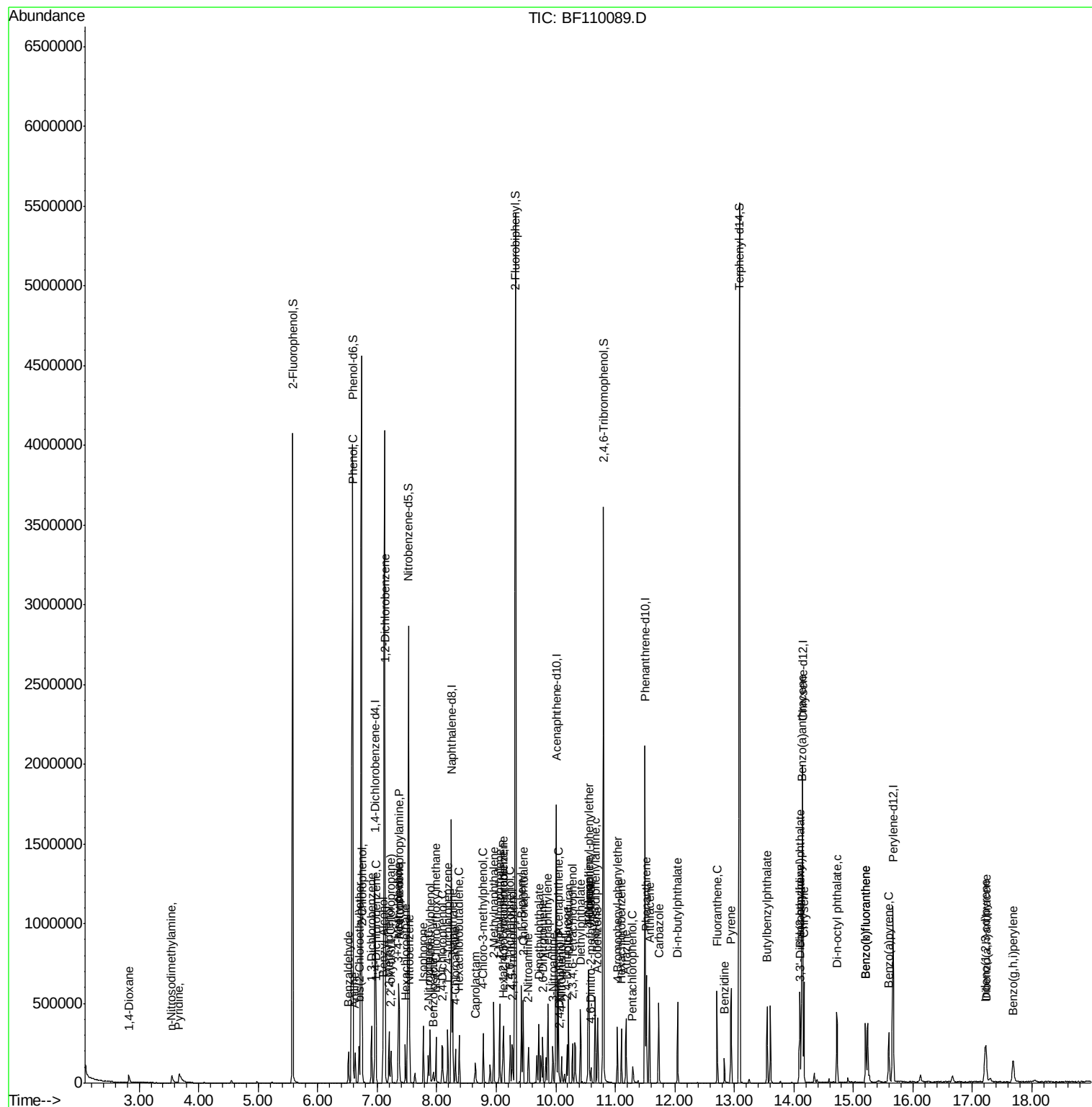
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.11	237	28260	4.804	ng	98
43) 2,4,6-Trichlorophenol	9.23	196	36225	4.882	ng	96
44) 2,4,5-Trichlorophenol	9.27	196	41087	5.238	ng	96
46) 1,1'-Biphenyl	9.42	154	177930	5.329	ng	100
47) 2-Chloronaphthalene	9.45	162	135618	5.537	ng	98
48) 2-Nitroaniline	9.54	65	37769	5.089	ng	96
49) Acenaphthylene	9.87	152	206135	5.827	ng	100
50) Dimethylphthalate	9.72	163	151974	5.576	ng	99
51) 2,6-Dinitrotoluene	9.78	165	31808	5.418	ng	90
52) Acenaphthene	10.04	154	131072	5.601	ng	96
53) 3-Nitroaniline	9.95	138	30484	4.366	ng	91
54) 2,4-Dinitrophenol	10.06	184	6603	7.825	ng	93
55) Dibenzofuran	10.21	168	186414	5.689	ng	94
56) 4-Nitrophenol	10.10	139	25515	4.938	ng	93
57) 2,4-Dinitrotoluene	10.19	165	39299	5.270	ng	# 84
58) Fluorene	10.56	166	148851	6.104	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.28	232	30204	4.724	ng	95
60) Diethylphthalate	10.42	149	148369	5.576	ng	98
61) 4-Chlorophenyl-phenylether	10.55	204	70041	5.444	ng	96
62) 4-Nitroaniline	10.56	138	35350	5.090	ng	89
63) Azobenzene	10.70	77	149031	5.643	ng	99
65) 4,6-Dinitro-2-methylphenol	10.59	198	11520	3.517	ng	86
66) n-Nitrosodiphenylamine	10.66	169	126180	5.365	ng	95
67) 4-Bromophenyl-phenylether	11.04	248	41517	5.338	ng	98
68) Hexachlorobenzene	11.10	284	43072	5.220	ng	96
69) Atrazine	11.18	200	41345	5.563	ng	97
70) Pentachlorophenol	11.30	266	16038	3.333	ng	98
71) Phenanthrene	11.52	178	225549	6.012	ng	99
72) Anthracene	11.57	178	229947	6.115	ng	98
73) Carbazole	11.73	167	199928	5.445	ng	98
74) Di-n-butylphthalate	12.05	149	236018	5.692	ng	99
75) Fluoranthene	12.71	202	231237	6.073	ng	99
77) Benzidine	12.83	184	54039	2.127	ng	# 92
78) Pyrene	12.94	202	231606	5.288	ng	99
80) Butylbenzylphthalate	13.55	149	95512	5.024	ng	94
81) Benzo(a)anthracene	14.13	228	207350	5.723	ng	98
82) 3,3'-Dichlorobenzidine	14.09	252	49262	3.905	ng	98
83) Chrysene	14.17	228	196510	5.710	ng	99
84) Bis(2-ethylhexyl)phthalate	14.10	149	135349	5.267	ng	98
85) Di-n-octyl phthalate	14.72	149	210625	5.271	ng	99
86) Indeno(1,2,3-cd)pyrene	17.22	276	150126	5.259	ng	95
88) Benzo(b)fluoranthene	15.21	252	172641	5.755	ng	100
89) Benzo(k)fluoranthene	15.21	252	172641	5.854	ng	99
90) Benzo(a)pyrene	15.59	252	158916	5.757	ng	95
91) Dibenzo(a,h)anthracene	17.23	278	127226	5.342	ng	95
92) Benzo(g,h,i)perylene	17.69	276	118239	5.038	ng	96

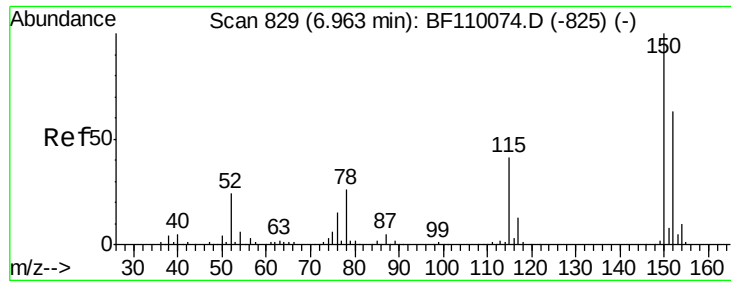
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102318\
Data File : BF110089.D
Acq On : 23 Oct 2018 20:37
Operator : JU/SJ
Sample : J5164-03
Misc : MDL 5PPM
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 24 02:55:04 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



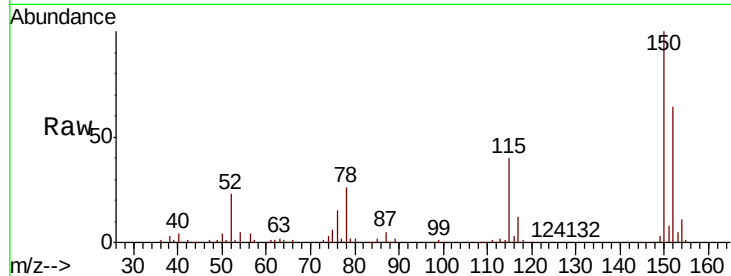


#1

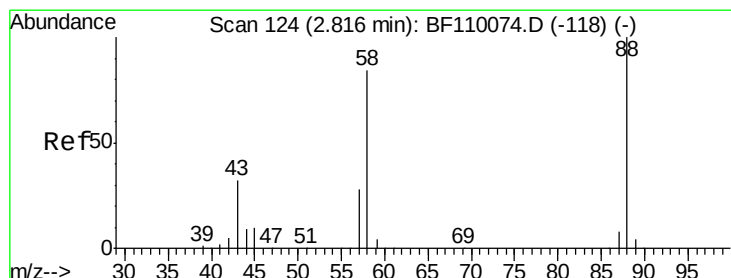
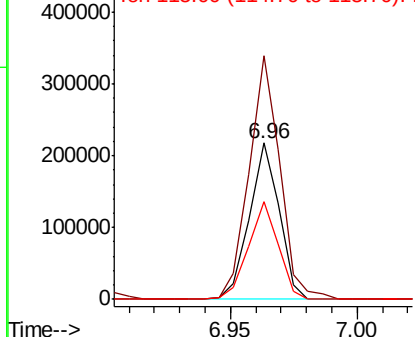
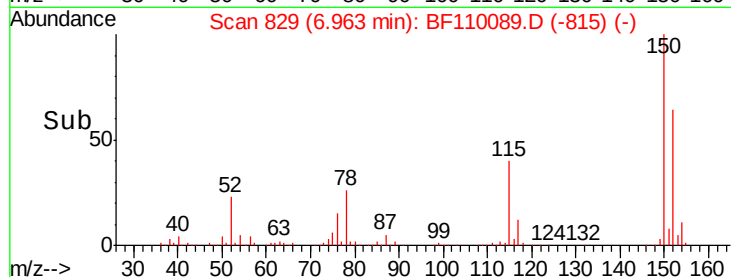
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 178278
Ion Ratio Lower Upper
152 100
150 155.9 122.7 184.1
115 62.2 49.1 73.7



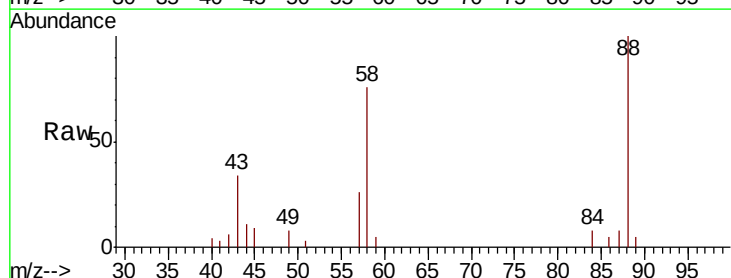
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



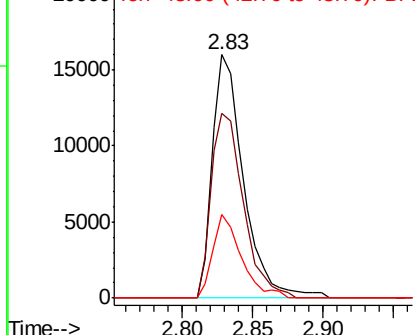
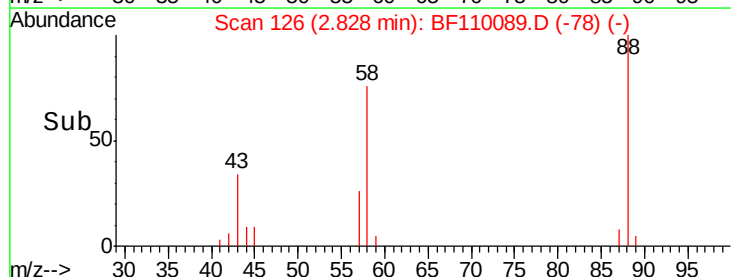
#2

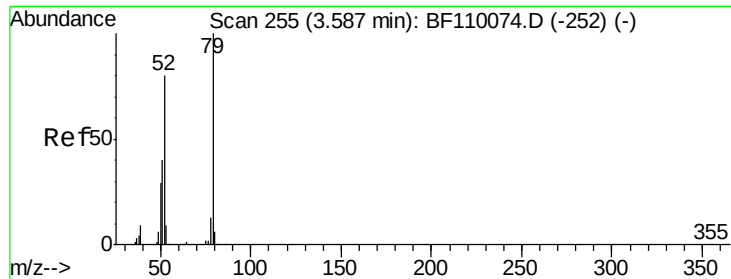
1,4-Dioxane
Concen: 4.278 ng
RT: 2.83 min Scan# 126
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Tgt Ion: 88 Resp: 24535
Ion Ratio Lower Upper
88 100
58 78.5 57.1 85.7
43 31.6 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: 4.849 ng

RT: 3.67 min Scan# 269

Delta R.T. 0.05 min

Lab File: BF110089.D

Acq: 23 Oct 2018 20:37

Instrument :

BNA_F

ClientSampleId :

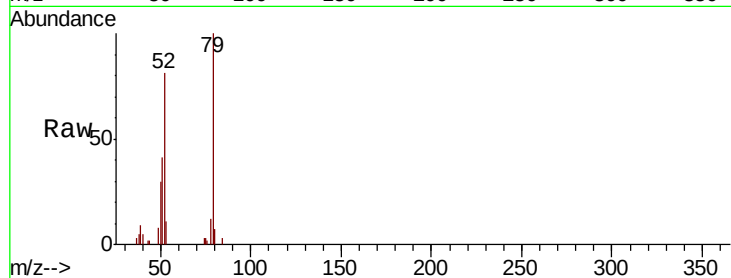
Tot Ion: 79 Resp: 61947

Ion Ratio Lower Upper

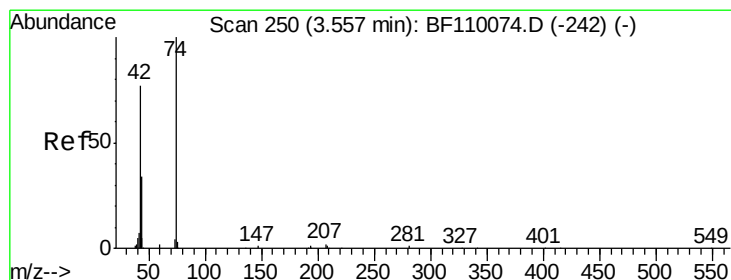
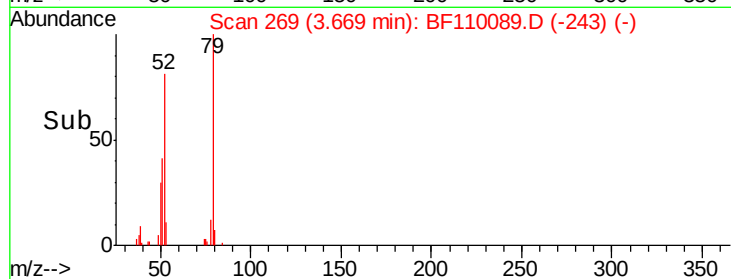
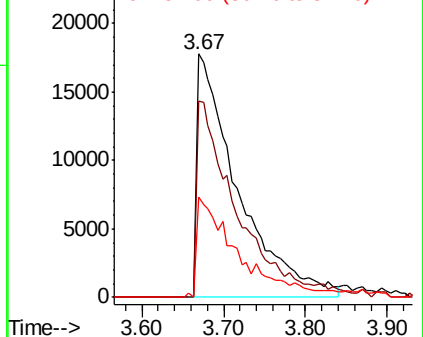
79 100

52 80.6 53.1 79.7#

51 40.9 27.4 41.2



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



#4

n-Nitrosodimethylamine

Concen: 5.074 ng

RT: 3.55 min Scan# 248

Delta R.T. -0.04 min

Lab File: BF110089.D

Acq: 23 Oct 2018 20:37

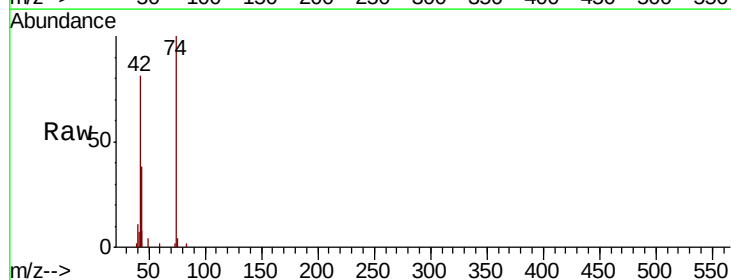
Tgt Ion: 42 Resp: 27156

Ion Ratio Lower Upper

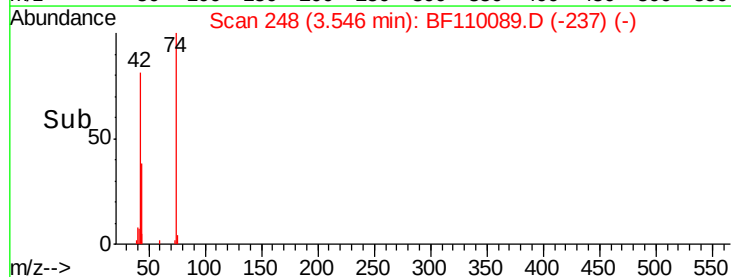
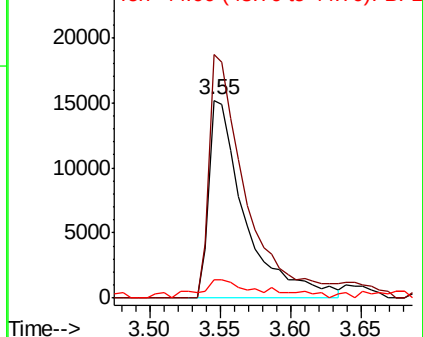
42 100

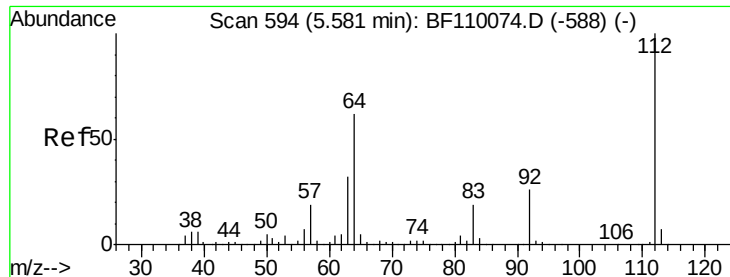
74 123.0 105.5 158.3

44 9.4 4.9 7.3#



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





#5

2-Fluorophenol

Concen: 127.361 ng

RT: 5.58 min Scan# 594

Delta R.T. -0.02 min

Lab File: BF110089.D

Acq: 23 Oct 2018 20:37

Instrument :

BNA_F

ClientSampled :

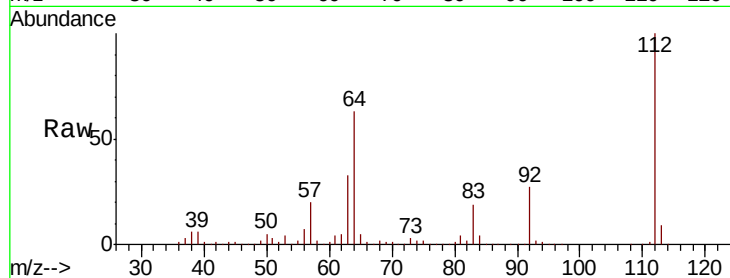
Tot Ion:112 Resp: 1394309

Ion Ratio Lower Upper

112 100

64 63.3 44.1 66.1

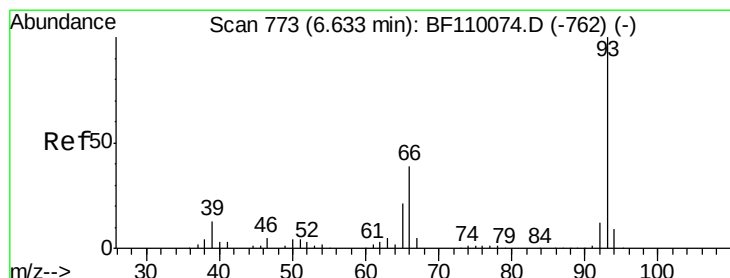
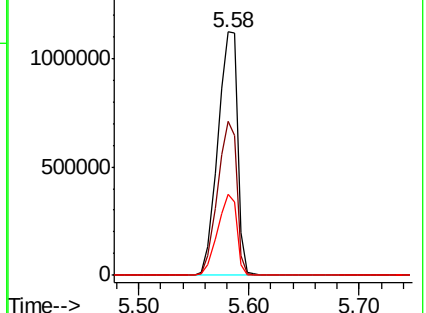
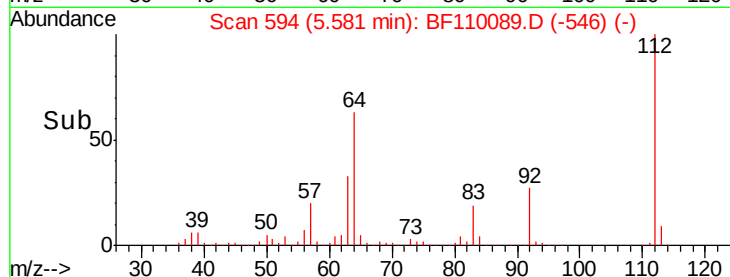
63 33.2 23.7 35.5



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: 4.668 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.02 min

Lab File: BF110089.D

Acq: 23 Oct 2018 20:37

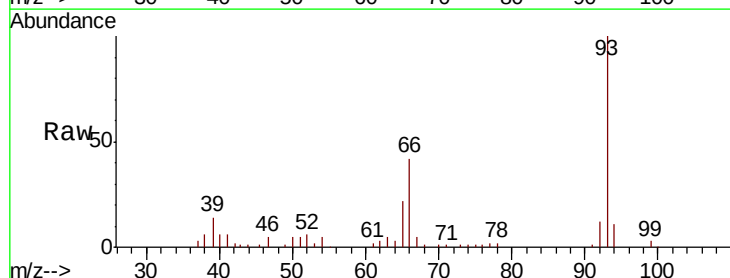
Tgt Ion: 93 Resp: 85147

Ion Ratio Lower Upper

93 100

66 42.5 67.4 101.0#

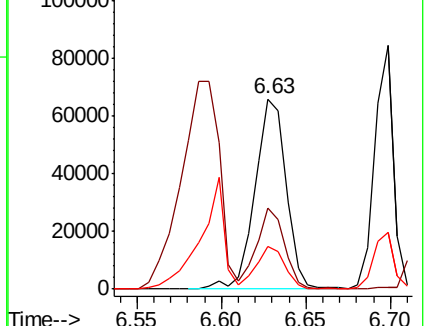
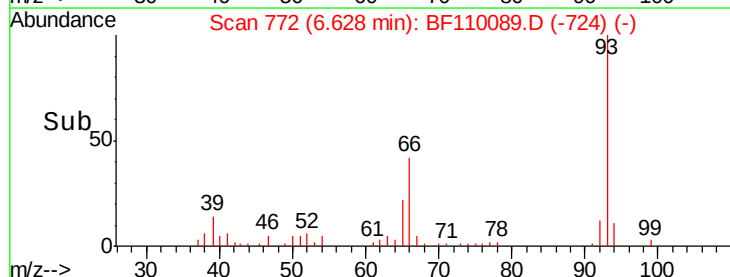
65 22.4 41.0 61.4#

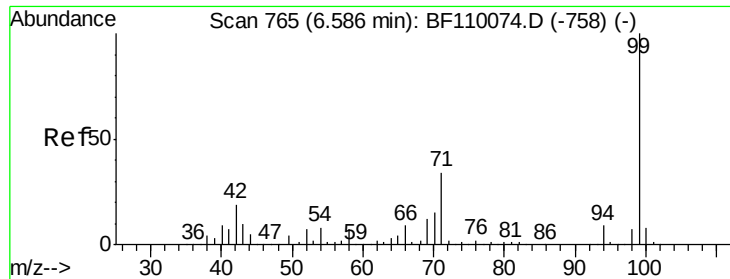


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 127.808 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF110089.D

Acq: 23 Oct 2018 20:37

Instrument :

BNA_F

ClientSampleId :

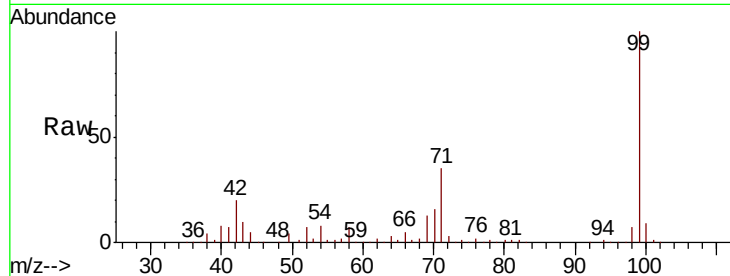
Tot Ion: 99 Resp: 1789688

Ion Ratio Lower Upper

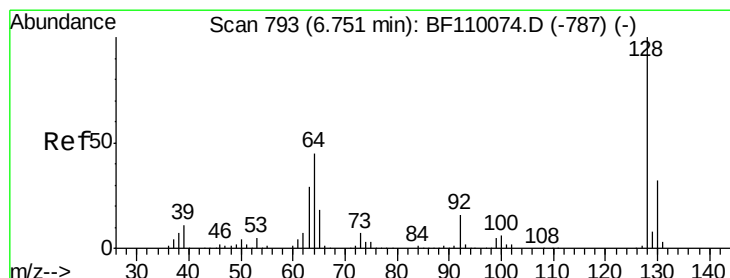
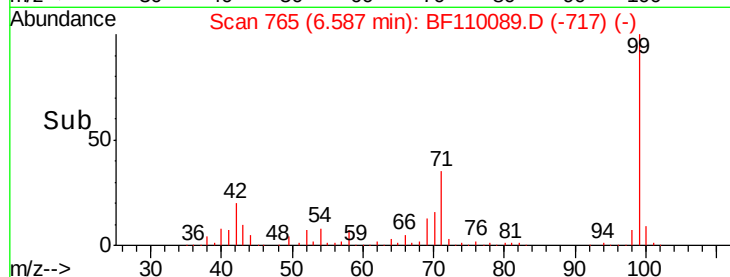
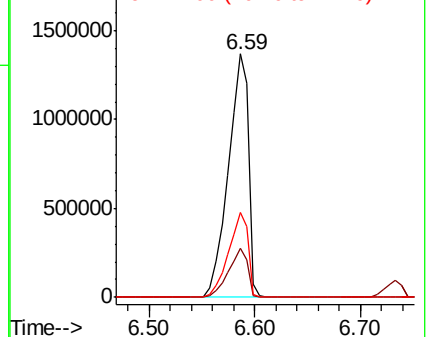
99 100

42 19.9 15.8 23.6

71 35.0 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: 5.278 ng

RT: 6.75 min Scan# 793

Delta R.T. -0.02 min

Lab File: BF110089.D

Acq: 23 Oct 2018 20:37

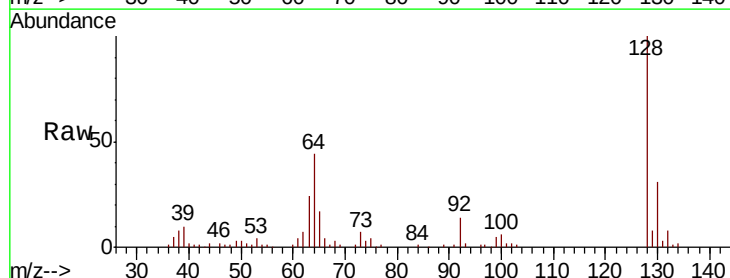
Tgt Ion: 128 Resp: 66619

Ion Ratio Lower Upper

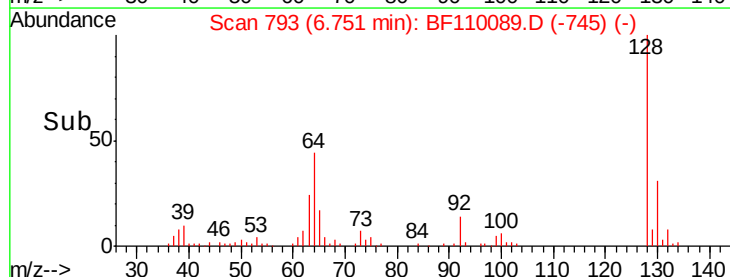
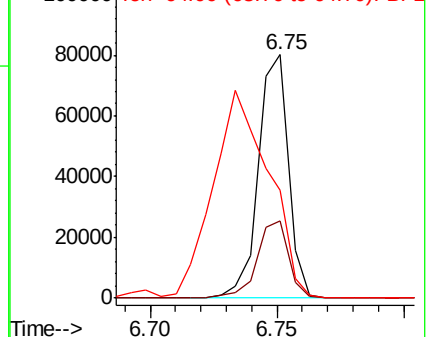
128 100

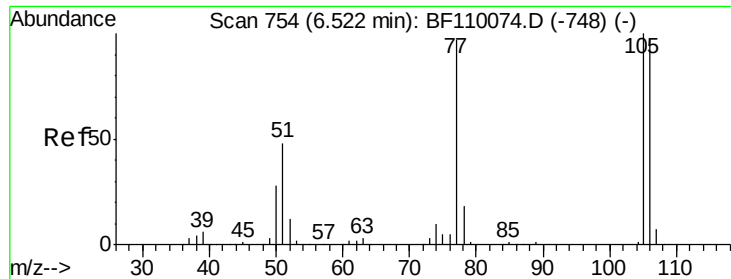
130 31.5 13.1 53.1

64 44.5 26.0 66.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1

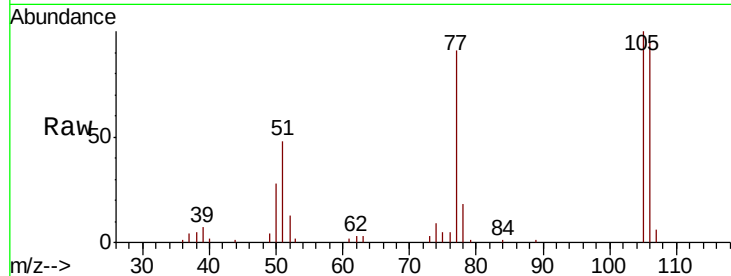




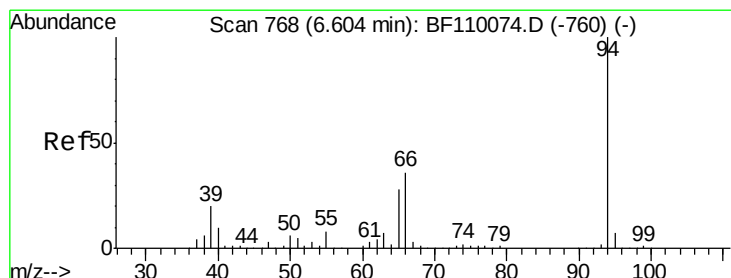
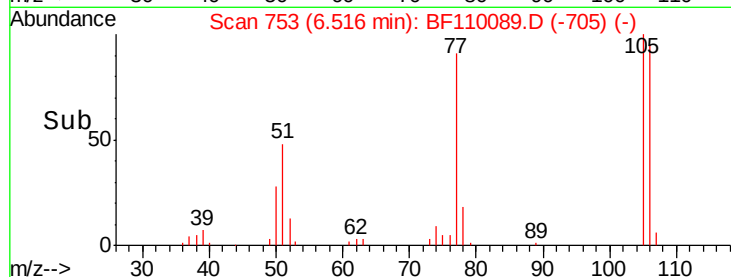
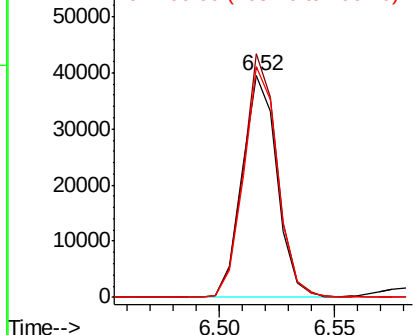
#9
Benzaldehyde
Concen: 3.410 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Instrument :
BNA_F
ClientSampled :

Tot Ion: 77 Resp: 41547
Ion Ratio Lower Upper
77 100
105 109.9 78.6 118.6
106 104.4 74.8 114.8

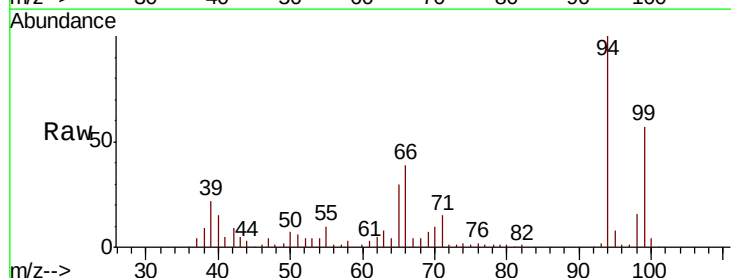


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

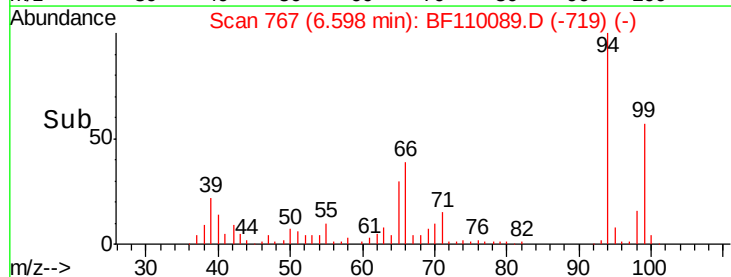
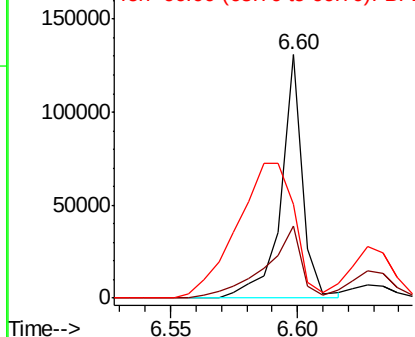


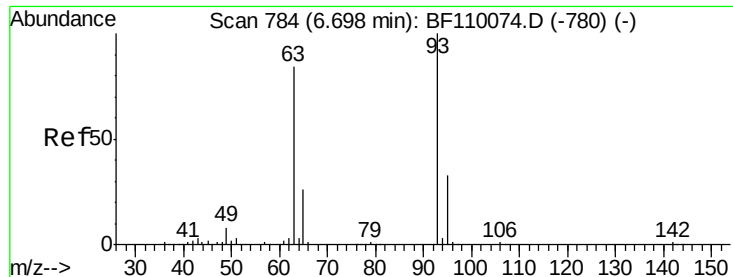
#10
Phenol
Concen: 5.210 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Tgt Ion: 94 Resp: 77984
Ion Ratio Lower Upper
94 100
65 29.7 25.3 65.3
66 38.8 54.5 94.5#



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

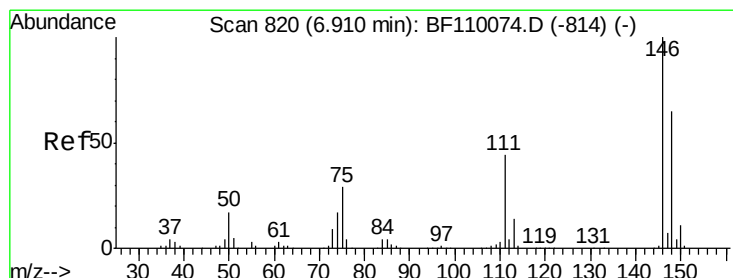
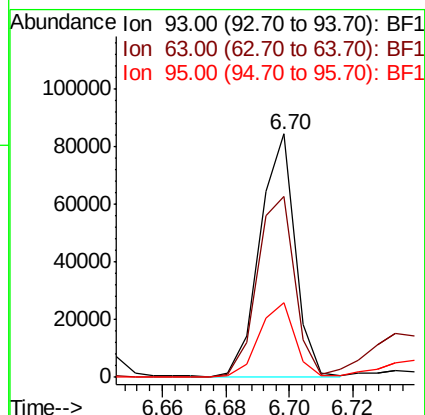
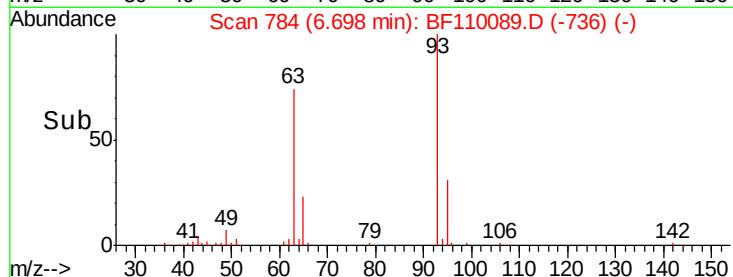
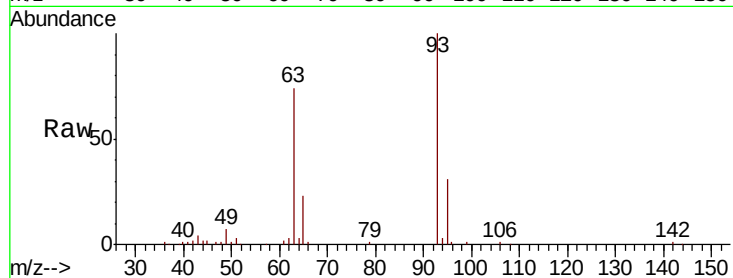




#11
bis(2-Chloroethyl)ether
Concen: 5.312 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

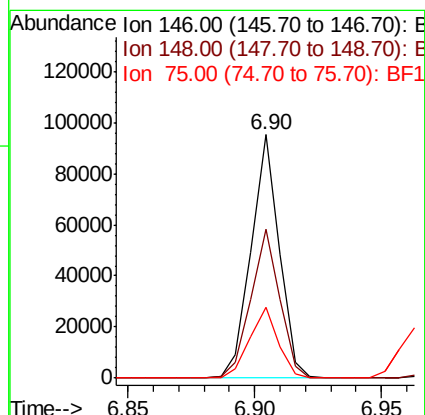
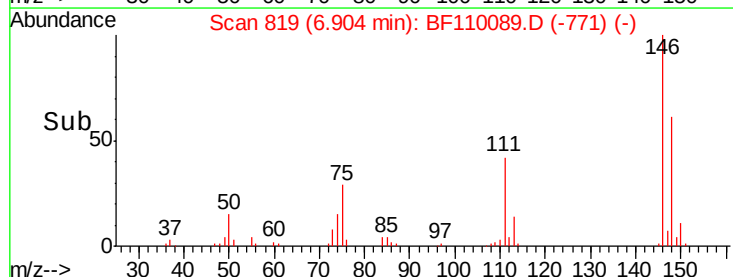
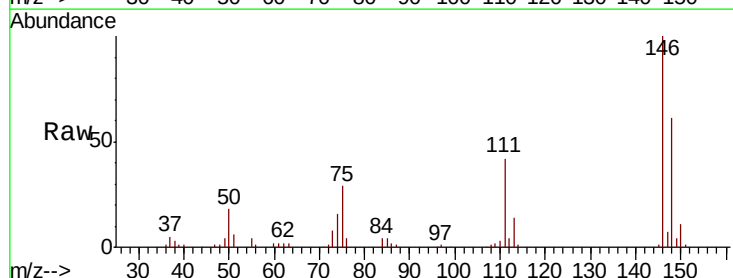
Instrument :
BNA_F
ClientSampled :

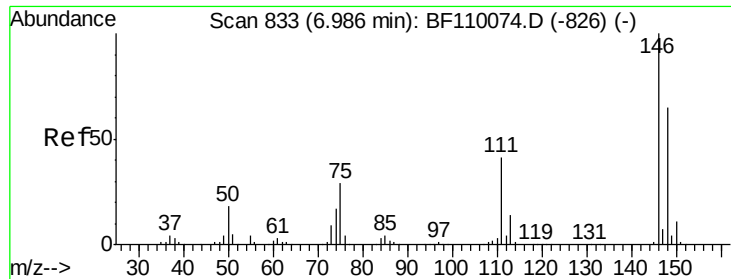
Tot Ion: 93 Resp: 65418
Ion Ratio Lower Upper
93 100
63 74.3 53.4 93.4
95 30.9 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 5.337 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Tgt Ion: 146 Resp: 74129
Ion Ratio Lower Upper
146 100
148 61.1 50.4 75.6
75 29.0 25.8 38.6

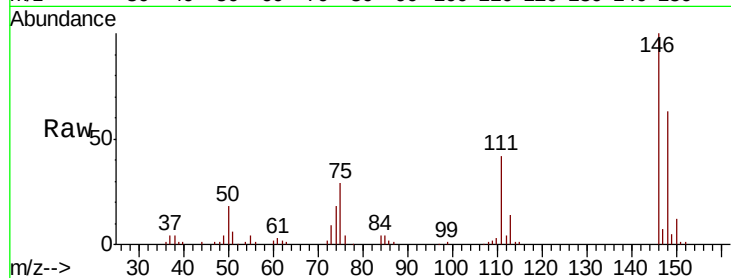




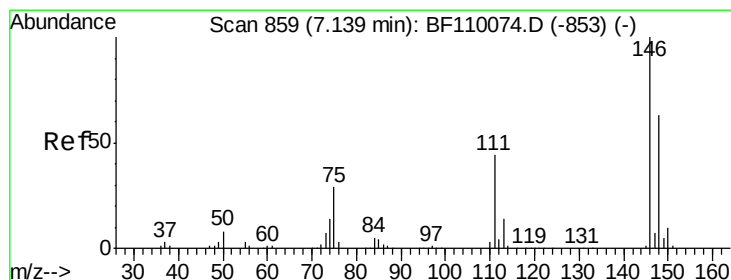
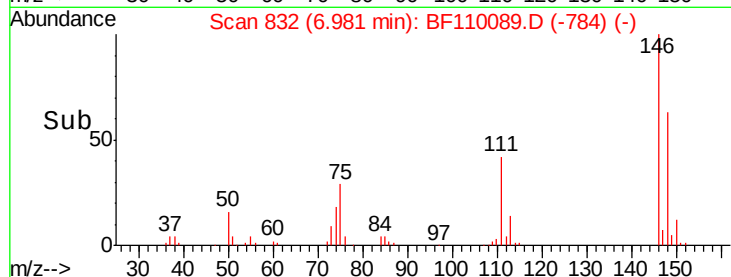
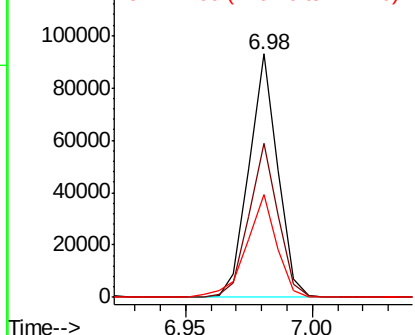
#13
 1,4-Dichlorobenzene
 Concen: 5.226 ng
 RT: 6.98 min Scan# 832
 Delta R.T. -0.02 min
 Lab File: BF110089.D
 Acq: 23 Oct 2018 20:37

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 73413
 Ion Ratio Lower Upper
 146 100
 148 63.0 50.3 75.5
 111 42.4 32.7 49.1

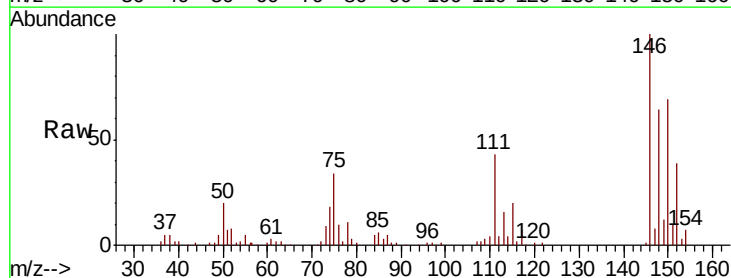


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

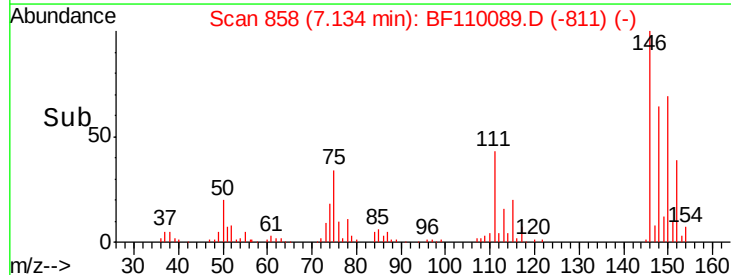
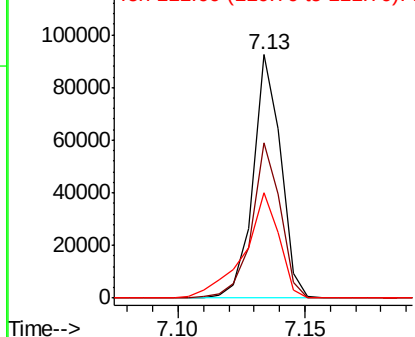


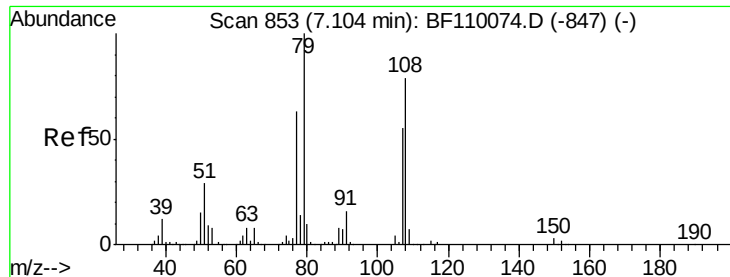
#14
 1,2-Dichlorobenzene
 Concen: 5.402 ng
 RT: 7.13 min Scan# 858
 Delta R.T. -0.02 min
 Lab File: BF110089.D
 Acq: 23 Oct 2018 20:37

Tgt Ion:146 Resp: 70443
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.1 76.7
 111 43.1 35.8 53.6



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





#15

Benzyl Alcohol

Concen: 6.338 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.02 min

Lab File: BF110089.D

Acq: 23 Oct 2018 20:37

Instrument :

BNA_F

ClientSampleId :

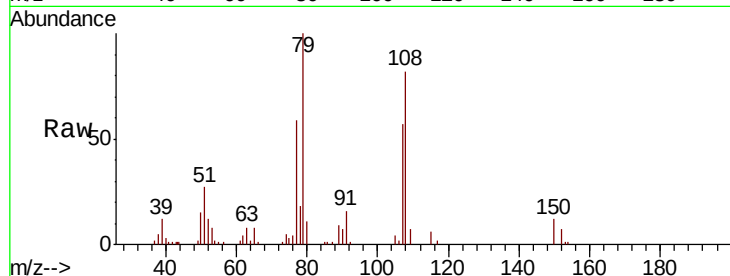
Tot Ion: 79 Resp: 68258

Ion Ratio Lower Upper

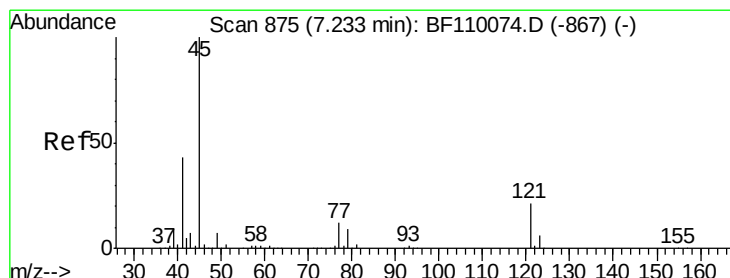
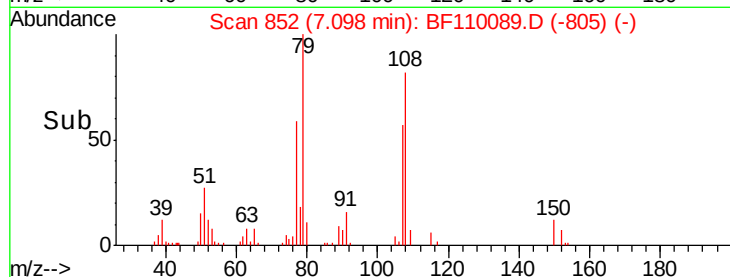
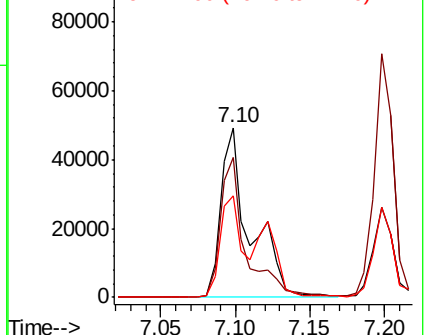
79 100

108 82.4 56.3 84.5

77 59.4 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: 5.462 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.02 min

Lab File: BF110089.D

Acq: 23 Oct 2018 20:37

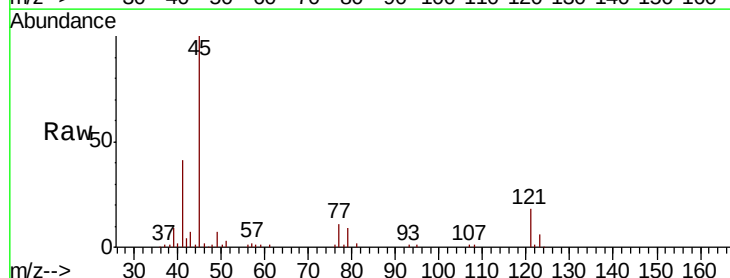
Tgt Ion: 45 Resp: 107549

Ion Ratio Lower Upper

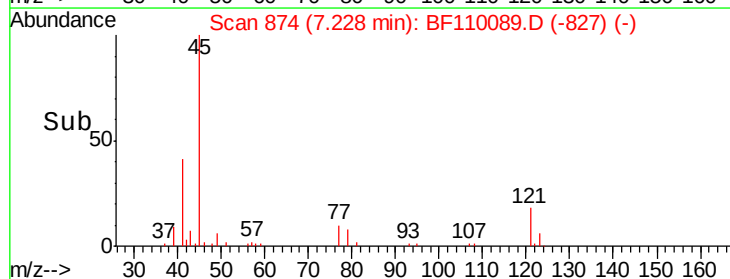
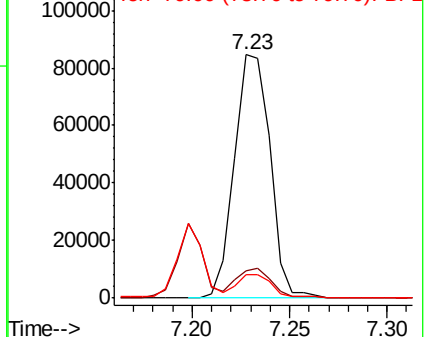
45 100

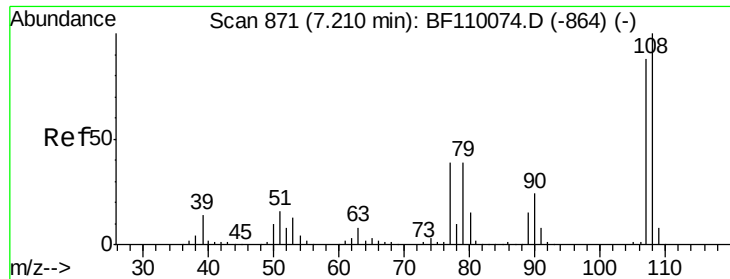
77 11.2 10.0 50.0

79 9.4 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

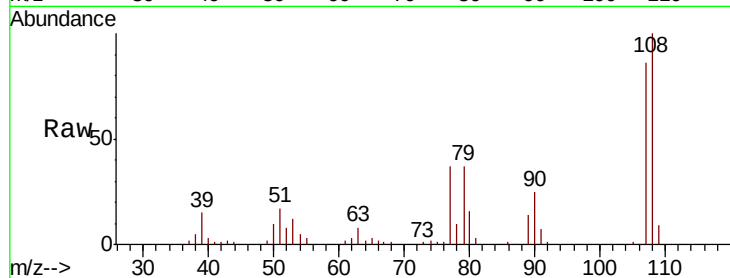




#17
2-Methylphenol
Concen: 5.378 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	116.9	92.6	138.8
77	43.0	59.4	89.2
79	43.3	54.0	81.0



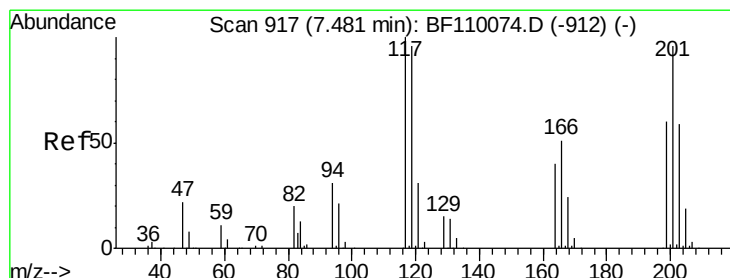
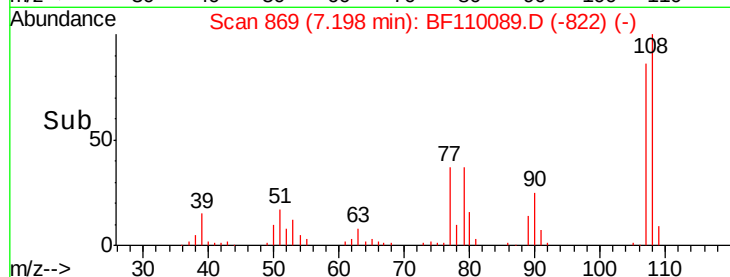
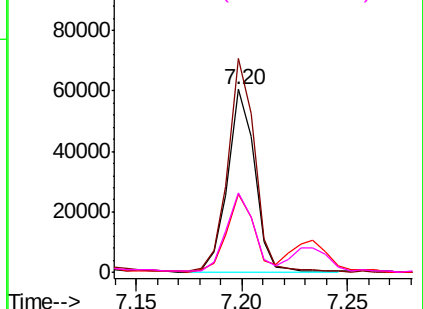
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

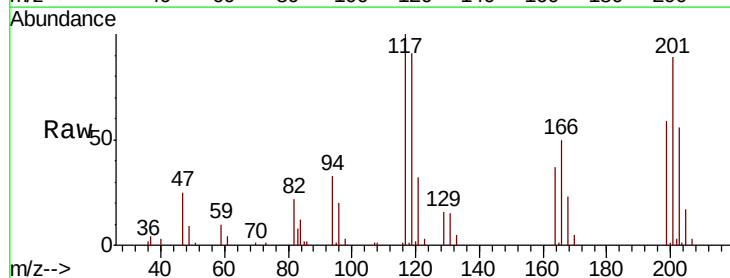
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 5.186 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.4	75.0	112.6
201	89.3	79.2	118.8

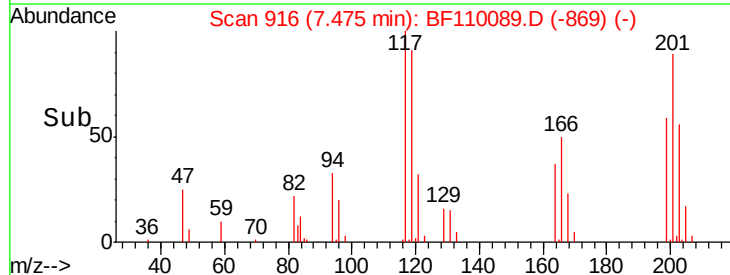
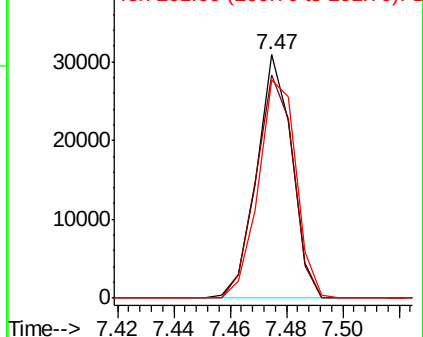


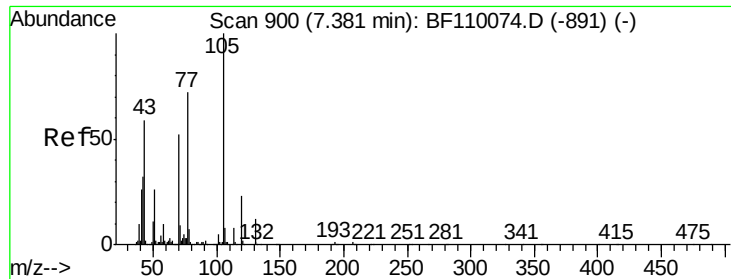
Abundance

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

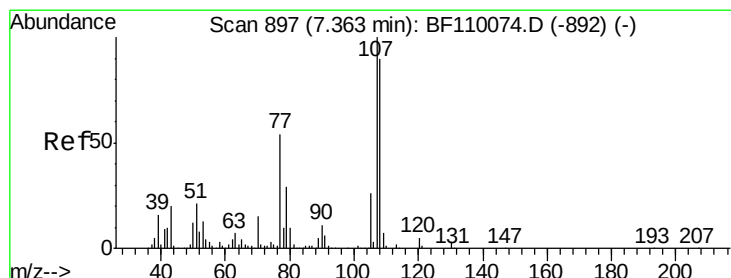
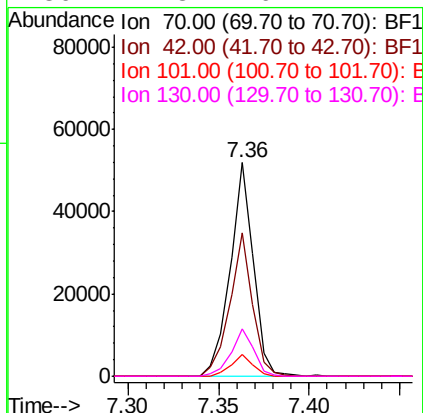
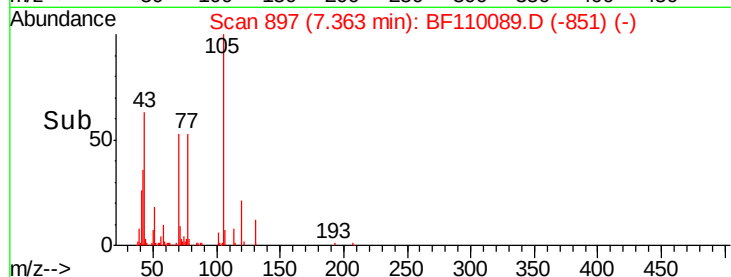
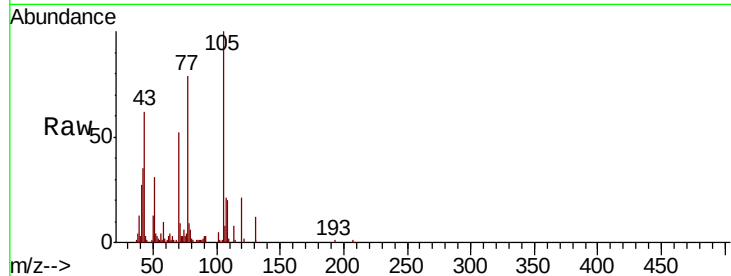




#19
n-Nitroso-di-n-propylamine
Concen: 5.183 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.03 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

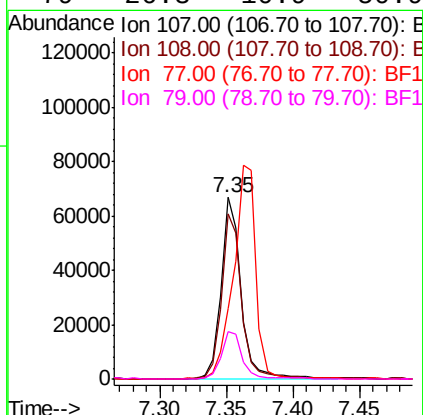
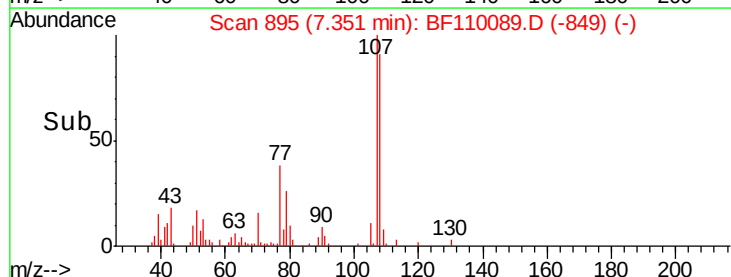
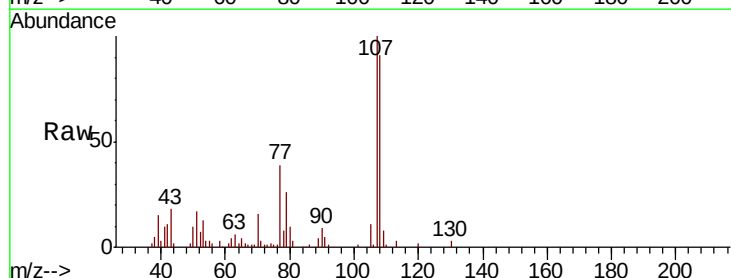
Instrument :
BNA_F
ClientSampleId :

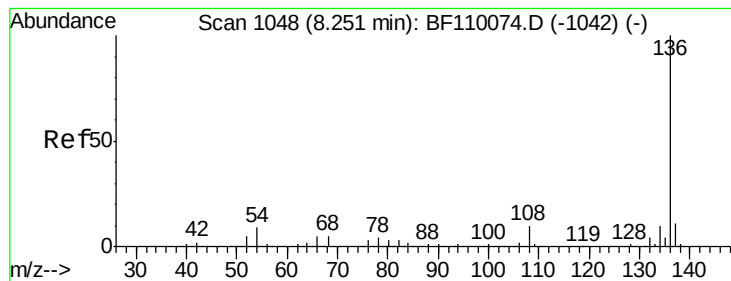
Tot Ion: 70 Resp: 46563
Ion Ratio Lower Upper
70 100
42 67.3 47.4 71.2
101 10.5 7.3 10.9
130 22.3 16.2 24.2



#20
3+4-Methylphenols
Concen: 5.484 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.03 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Tgt Ion: 107 Resp: 71300
Ion Ratio Lower Upper
107 100
108 91.1 71.4 111.4
77 38.9 47.3 87.3#
79 26.3 10.9 50.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1047

Delta R.T. -0.02 min

Lab File: BF110089.D

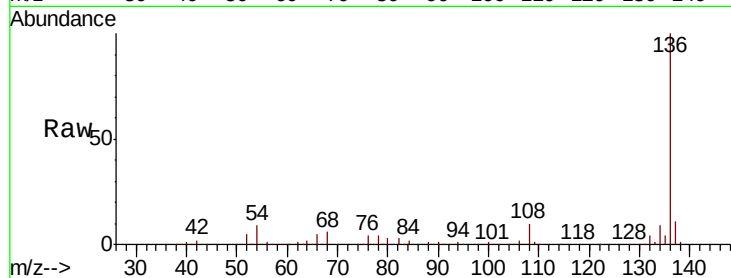
Acq: 23 Oct 2018 20:37

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	758697
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.8 13.2
54	8.5	5.4 8.2#
68	5.7	4.2 6.2



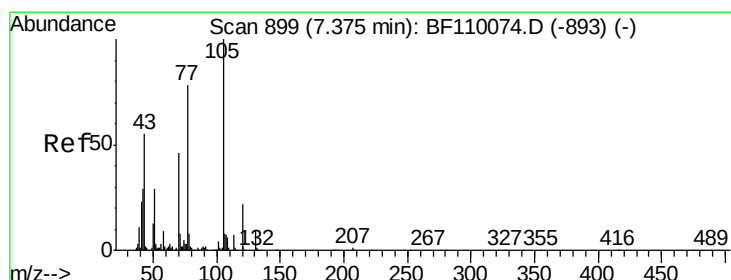
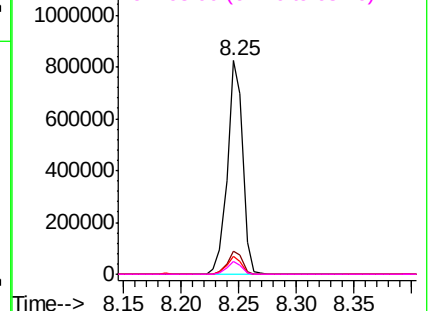
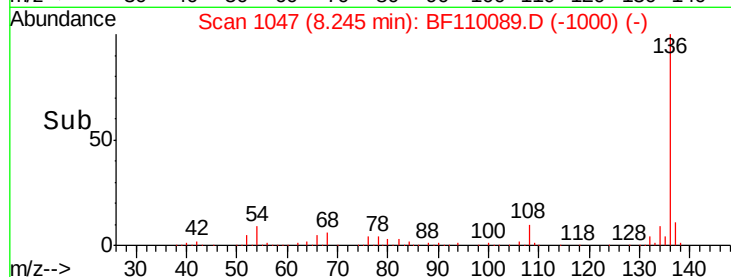
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 5.577 ng

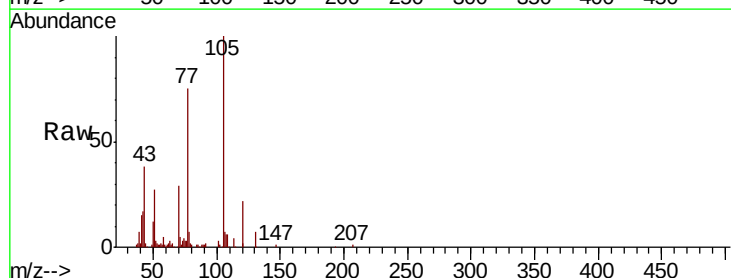
RT: 7.37 min Scan# 898

Delta R.T. -0.02 min

Lab File: BF110089.D

Acq: 23 Oct 2018 20:37

Tgt Ion:105	Resp:	97497
Ion Ratio	Lower	Upper
105	100	
71	4.6	5.2 7.8#
51	26.9	21.8 32.8
120	22.2	17.0 25.4



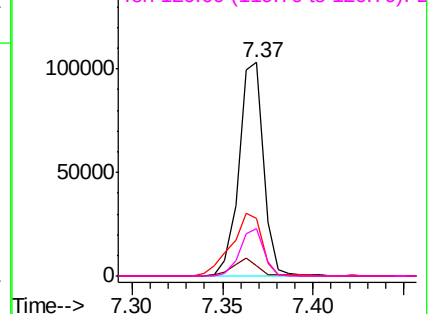
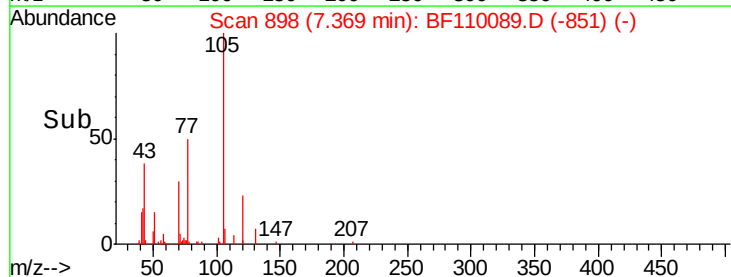
Abundance

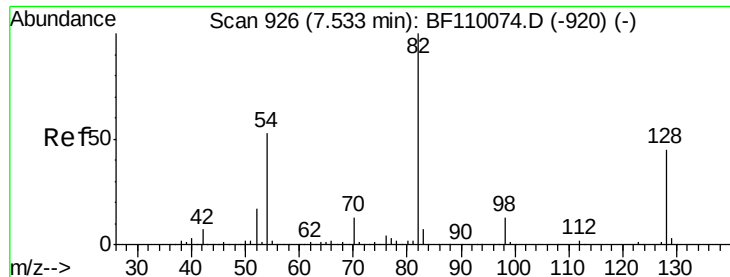
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

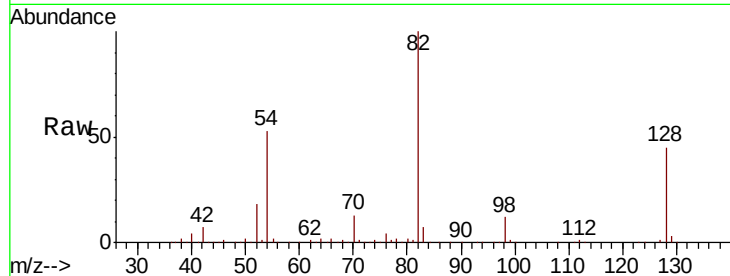




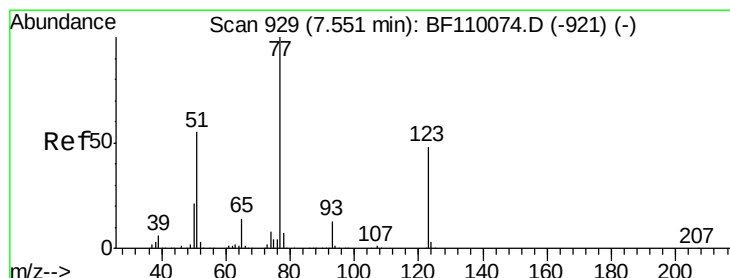
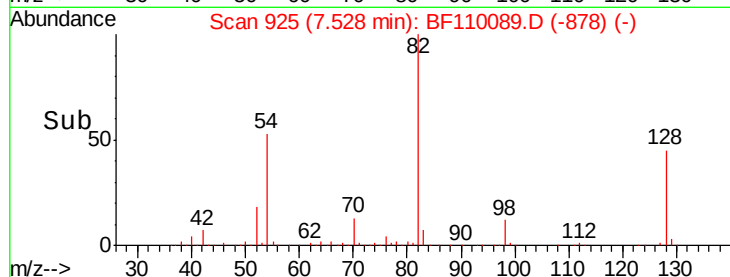
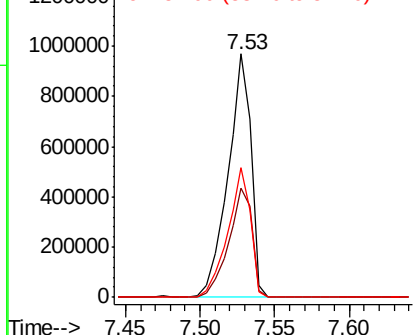
#23
 Nitrobenzene-d5
 Concen: 82.558 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.02 min
 Lab File: BF110089.D
 Acq: 23 Oct 2018 20:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1056032
 Ion Ratio Lower Upper
 82 100
 128 45.0 34.2 51.2
 54 53.3 38.6 58.0

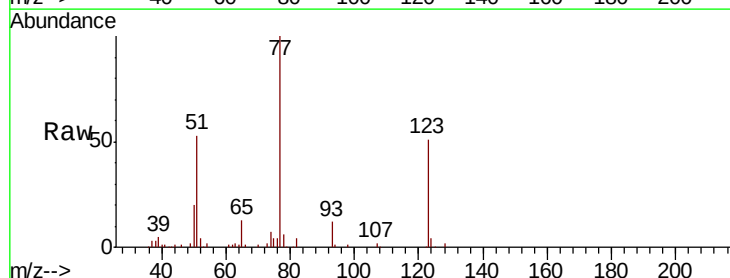


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

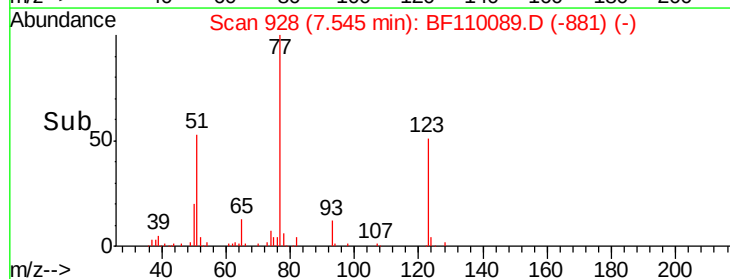
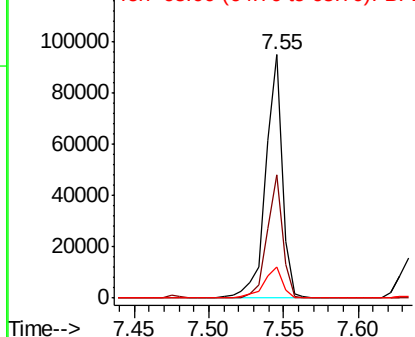


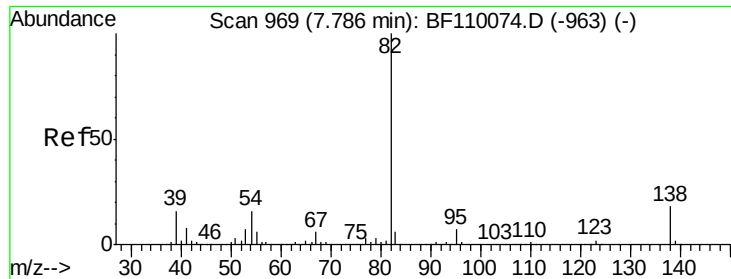
#24
 Nitrobenzene
 Concen: 5.460 ng
 RT: 7.55 min Scan# 928
 Delta R.T. -0.02 min
 Lab File: BF110089.D
 Acq: 23 Oct 2018 20:37

Tgt Ion: 77 Resp: 72111
 Ion Ratio Lower Upper
 77 100
 123 50.6 35.7 53.5
 65 13.0 10.7 16.1



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

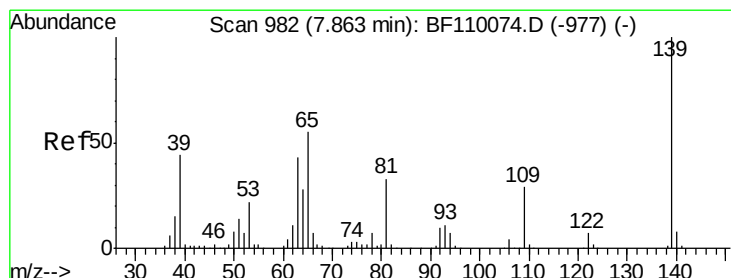
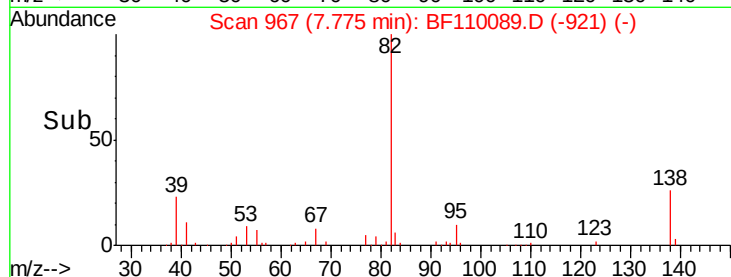
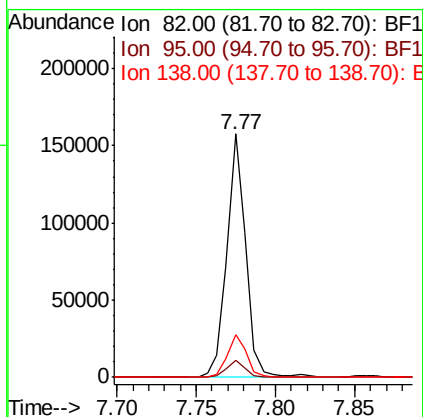
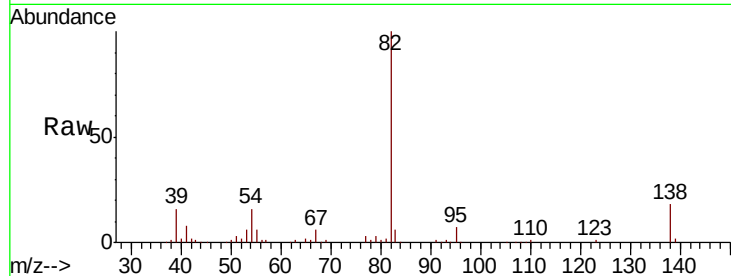




#25
Isophorone
Concen: 5.961 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.03 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

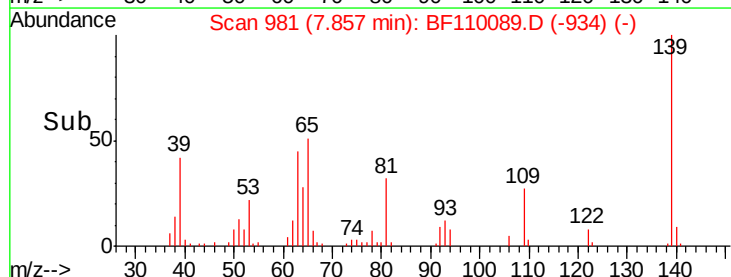
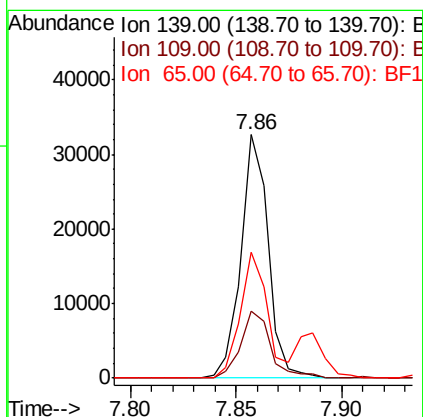
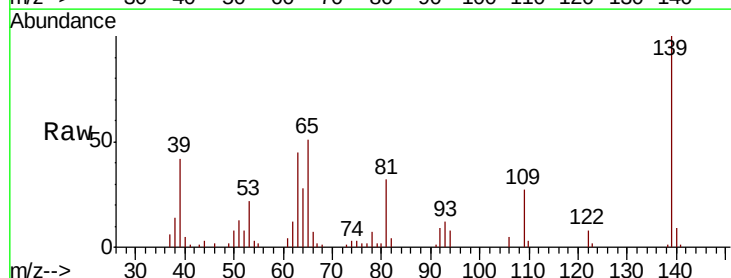
Instrument :
BNA_F
ClientSampleId :

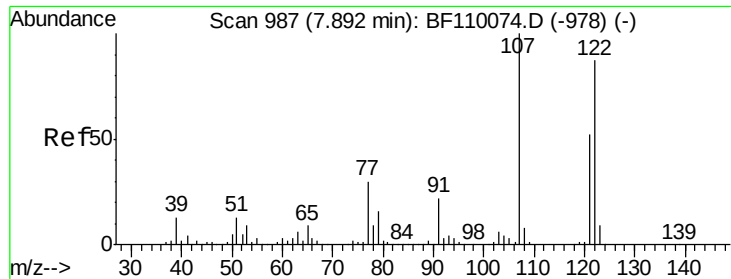
Tot Ion: 82 Resp: 129981
Ion Ratio Lower Upper
82 100
95 6.9 5.7 8.5
138 17.6 13.2 19.8



#26
2-Nitrophenol
Concen: 4.639 ng
RT: 7.86 min Scan# 981
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Tgt Ion: 139 Resp: 29152
Ion Ratio Lower Upper
139 100
109 27.5 25.0 37.6
65 51.4 44.0 66.0

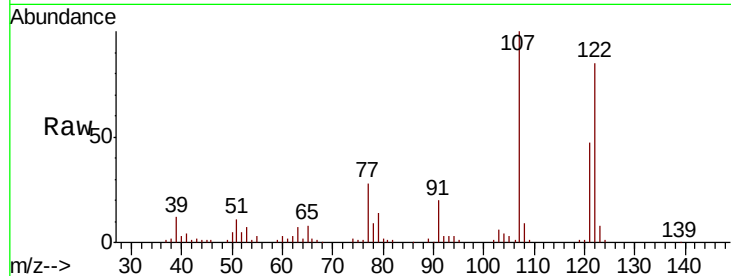




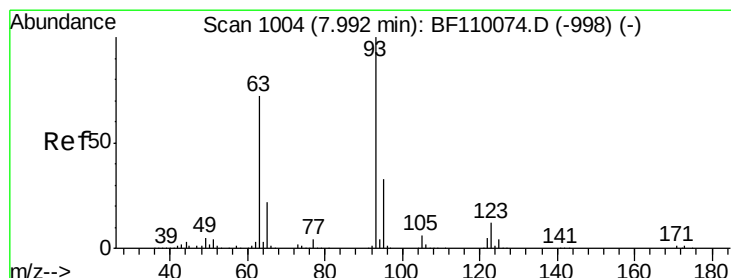
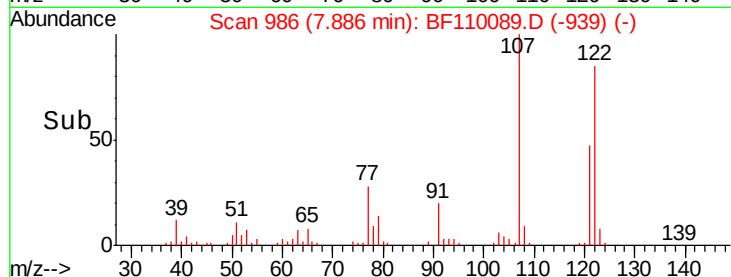
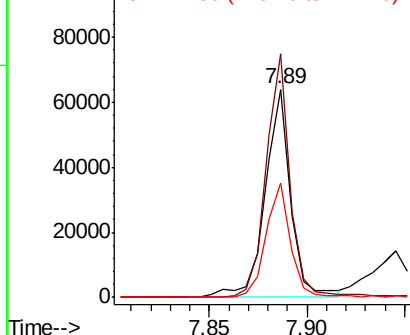
#27
2,4-Dimethylphenol
Concen: 5.586 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Instrument :
BNA_F
ClientSampled :

Tot Ion:122 Resp: 58205
Ion Ratio Lower Upper
122 100
107 117.0 92.5 138.7
121 55.1 45.8 68.8

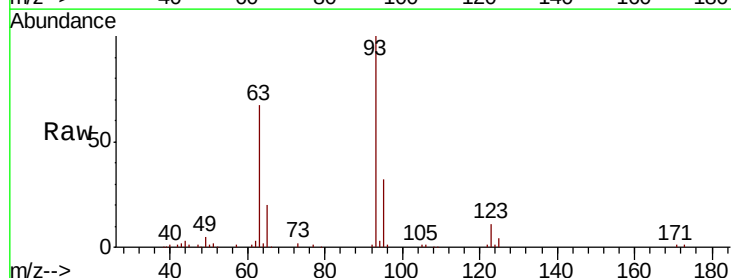


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

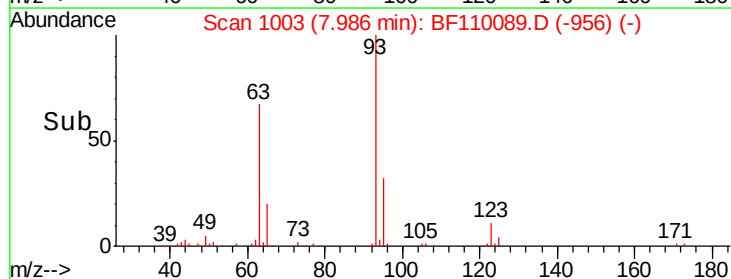
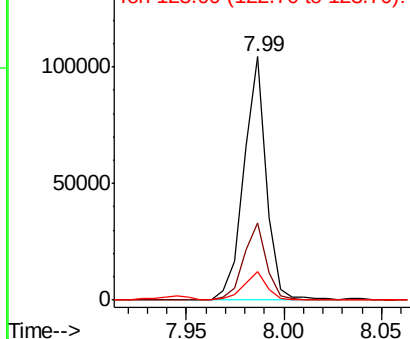


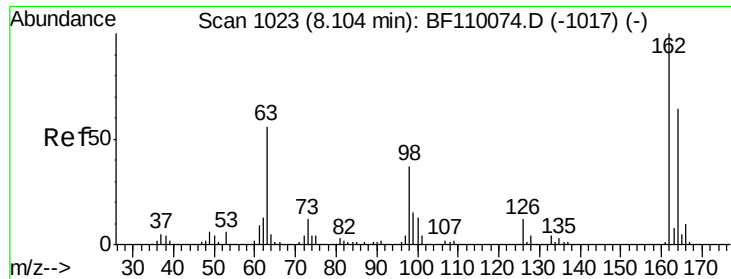
#28
bis(2-Chloroethoxy)methane
Concen: 5.603 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Tgt Ion: 93 Resp: 82997
Ion Ratio Lower Upper
93 100
95 31.7 26.4 39.6
123 11.5 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

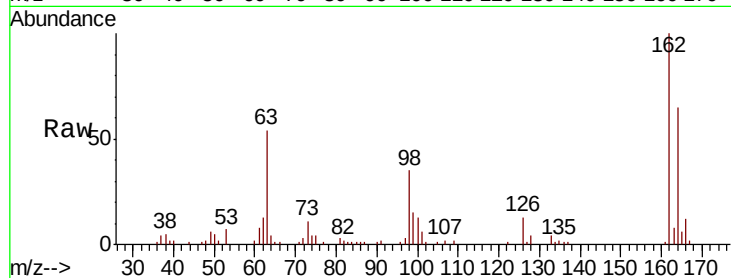




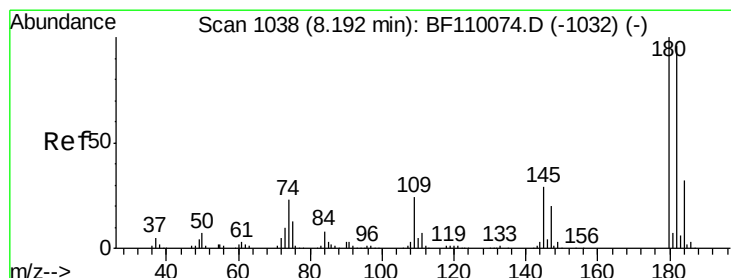
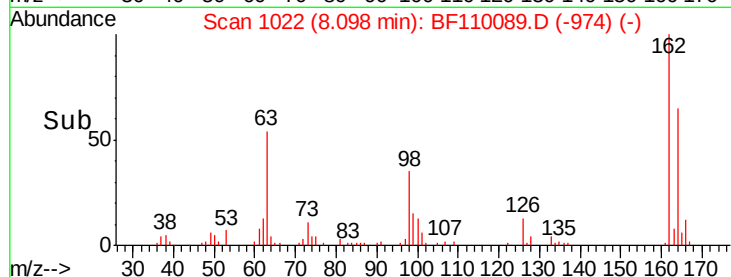
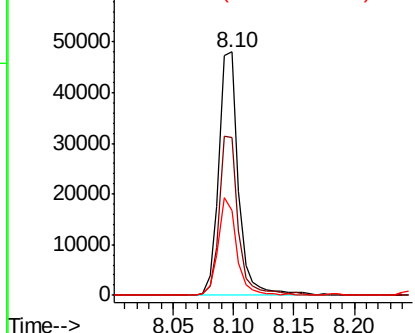
#29
 2,4-Dichlorophenol
 Concen: 5.139 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. -0.02 min
 Lab File: BF110089.D
 Acq: 23 Oct 2018 20:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	162	Resp	54097
Ion Ratio	Lower	Upper	
162	100		
164	65.0	44.6	84.6
98	35.1	17.4	57.4

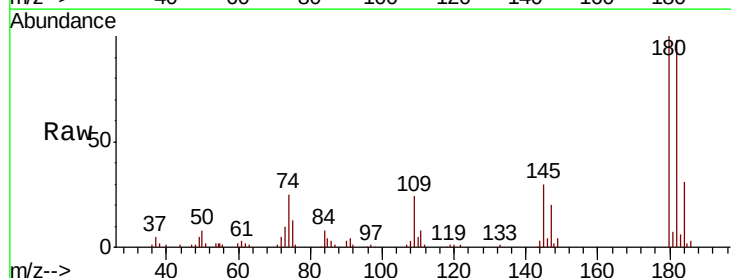


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

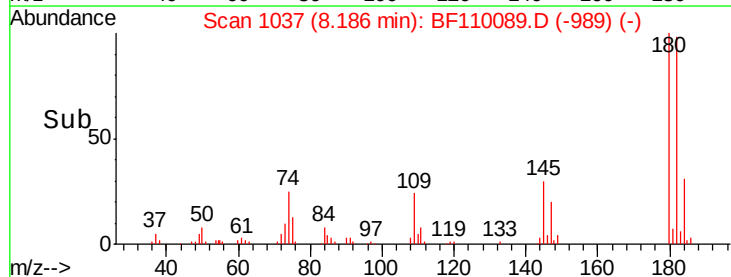
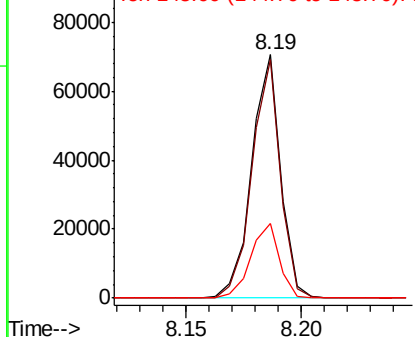


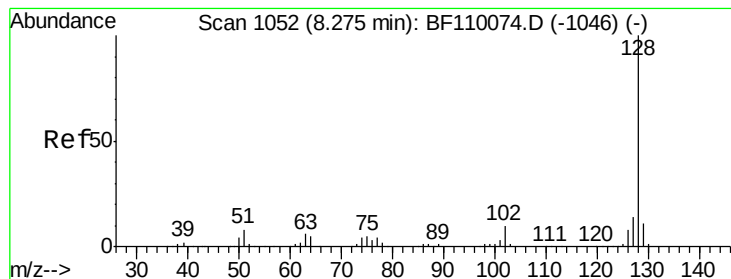
#30
 1,2,4-Trichlorobenzene
 Concen: 5.243 ng
 RT: 8.19 min Scan# 1037
 Delta R.T. -0.02 min
 Lab File: BF110089.D
 Acq: 23 Oct 2018 20:37

Tgt Ion	180	Resp	61820
Ion Ratio	Lower	Upper	
180	100		
182	97.9	80.3	120.5
145	30.5	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: 5.952 ng

RT: 8.27 min Scan# 1051

Delta R.T. -0.02 min

Lab File: BF110089.D

Acq: 23 Oct 2018 20:37

Instrument :

BNA_F

ClientSampleId :

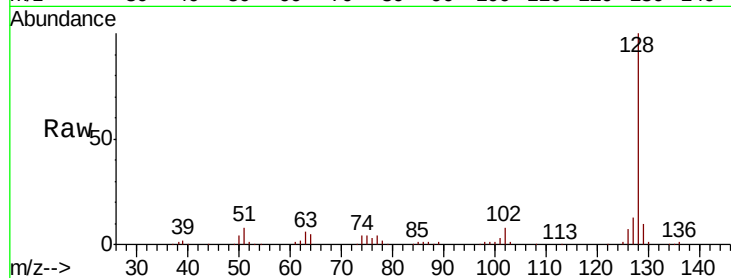
Tot Ion:128 Resp: 208134

Ion Ratio Lower Upper

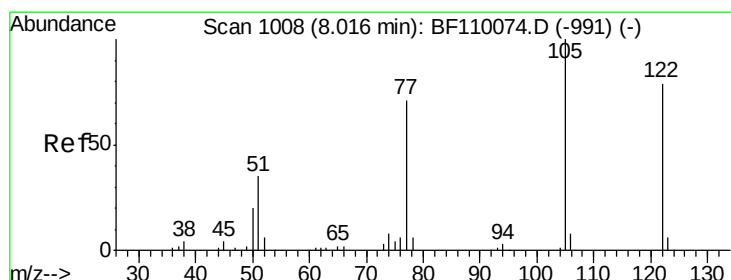
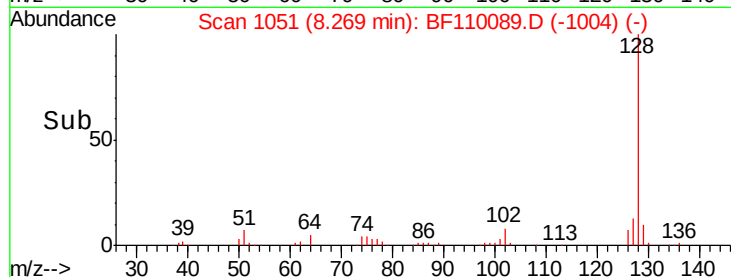
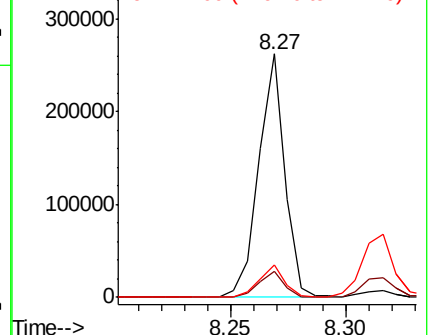
128 100

129 10.4 8.8 13.2

127 13.1 10.8 16.2



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



#32

Benzoic acid

Concen: 2.519 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.06 min

Lab File: BF110089.D

Acq: 23 Oct 2018 20:37

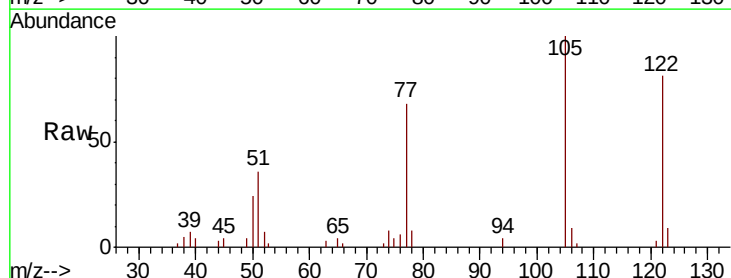
Tgt Ion:122 Resp: 20285

Ion Ratio Lower Upper

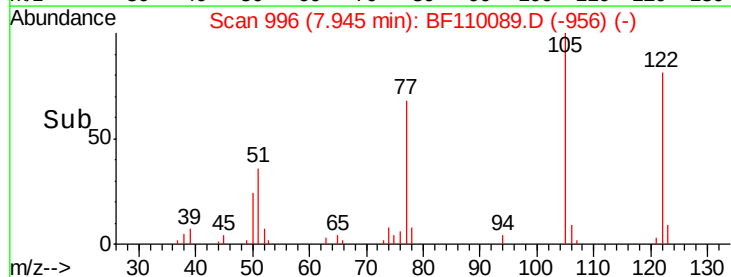
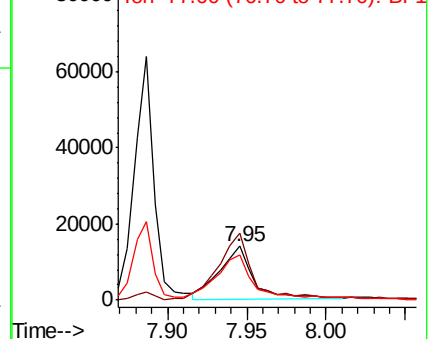
122 100

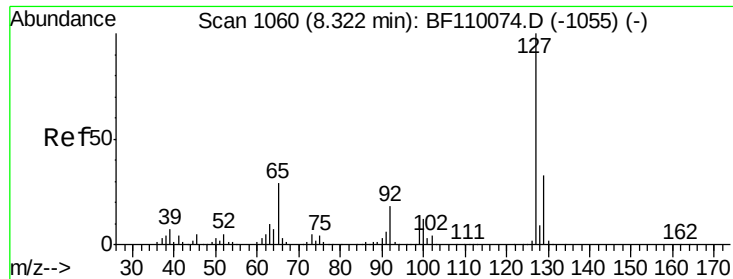
105 123.5 109.0 149.0

77 83.8 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

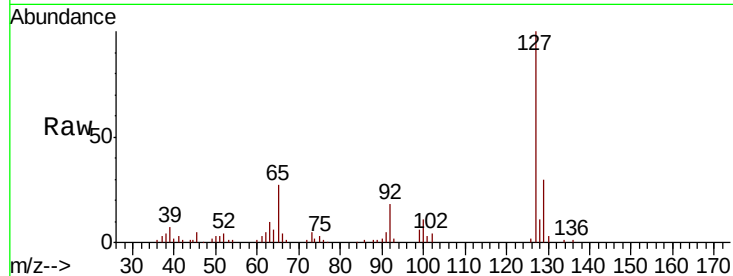




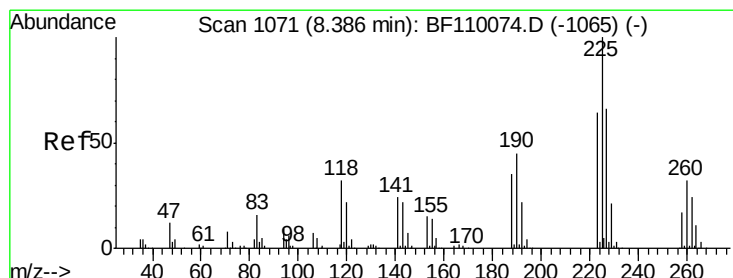
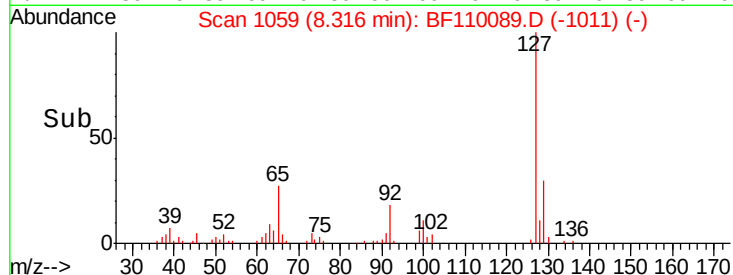
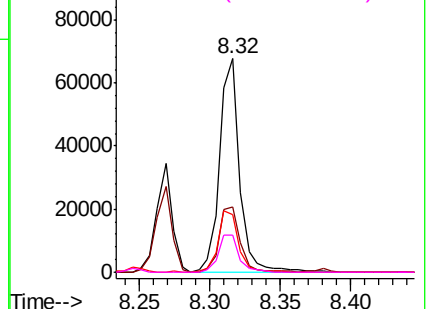
#33
4-Chloroaniline
Concen: 4.258 ng
RT: 8.32 min Scan# 1059
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Instrument :
BNA_F
ClientSampled :

Tot Ion:127	Resp:	67015
Ion Ratio	Lower	Upper
127	100	
129	30.5	26.0 39.0
65	27.1	25.1 37.7
92	17.6	15.0 22.6

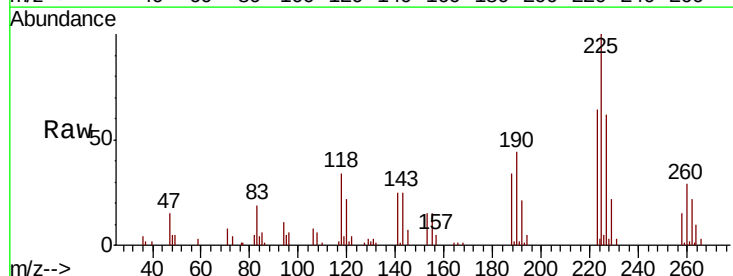


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

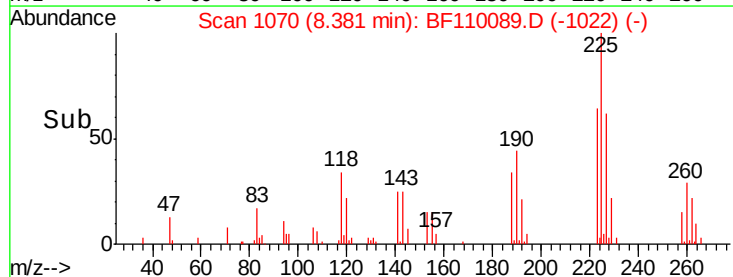
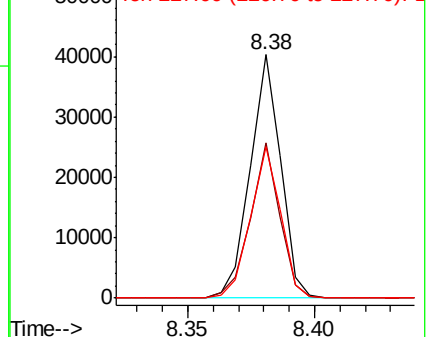


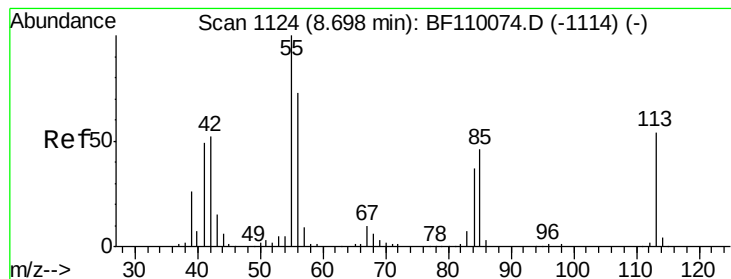
#34
Hexachlorobutadiene
Concen: 5.155 ng
RT: 8.38 min Scan# 1070
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Tgt Ion:225	Resp:	33745
Ion Ratio	Lower	Upper
225	100	
223	63.9	51.4 77.2
227	62.4	51.0 76.6



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





#35

Caprolactam

Concen: 4.467 ng

RT: 8.65 min Scan# 1116

Delta R.T. -0.06 min

Lab File: BF110089.D

Acq: 23 Oct 2018 20:37

Instrument :

BNA_F

ClientSampleId :

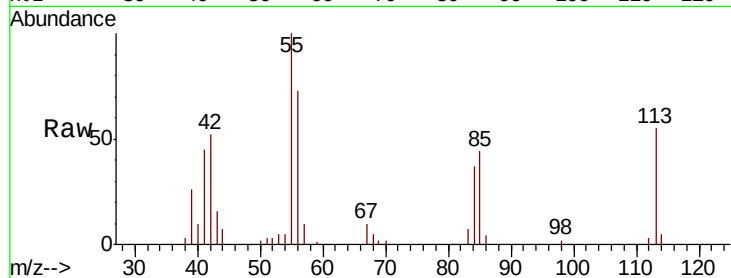
Tot Ion:113 Resp: 16388

Ion Ratio Lower Upper

113 100

55 182.9 142.8 182.8#

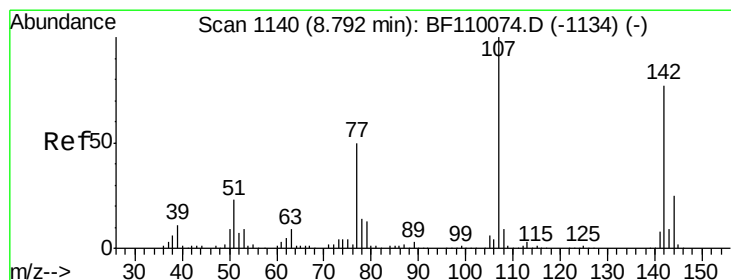
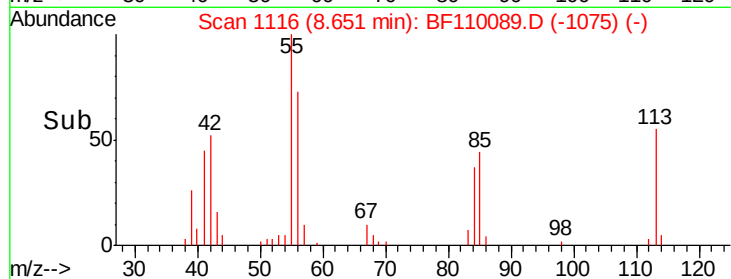
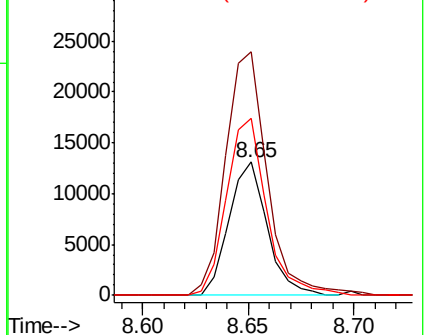
56 132.6 105.0 145.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 5.255 ng

RT: 8.78 min Scan# 1138

Delta R.T. -0.02 min

Lab File: BF110089.D

Acq: 23 Oct 2018 20:37

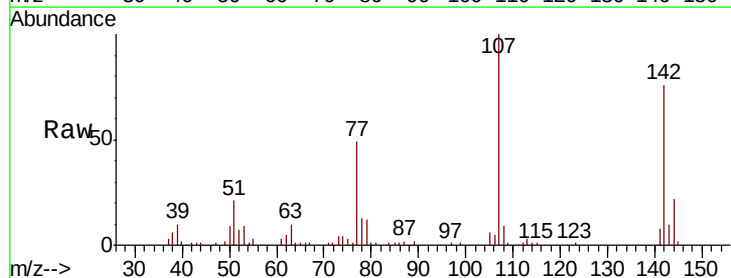
Tgt Ion:107 Resp: 59817

Ion Ratio Lower Upper

107 100

144 22.1 20.0 30.0

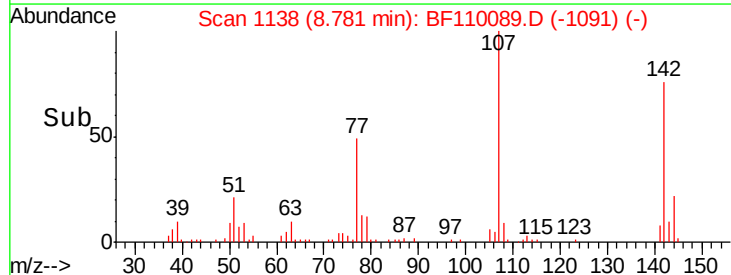
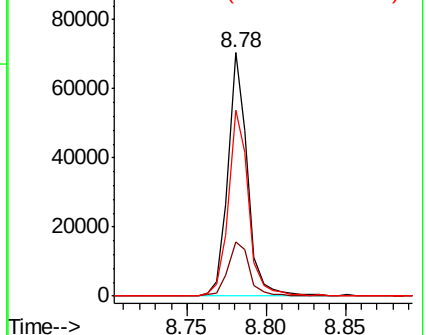
142 76.2 59.7 89.5

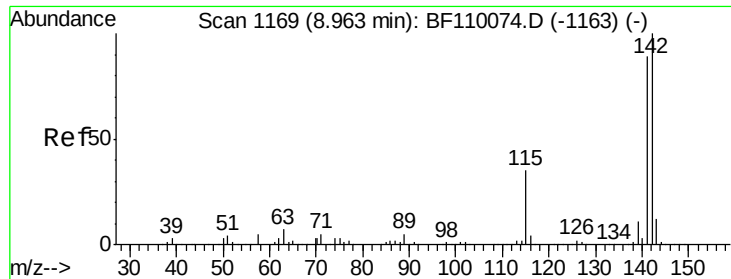


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

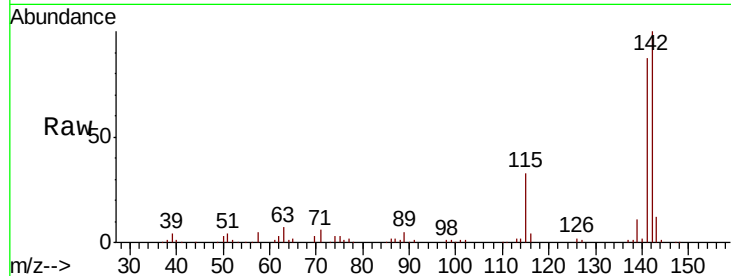




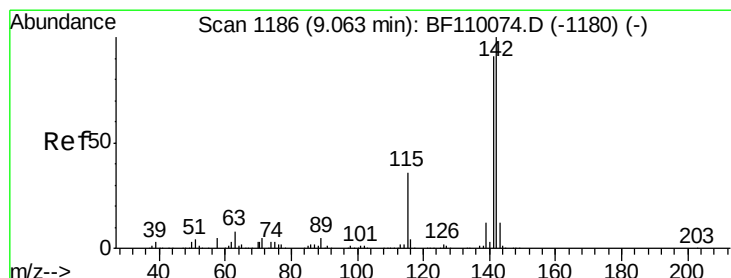
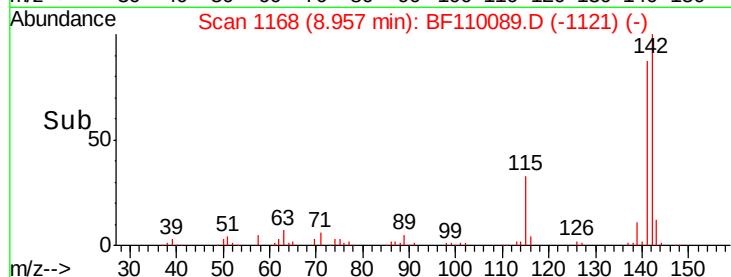
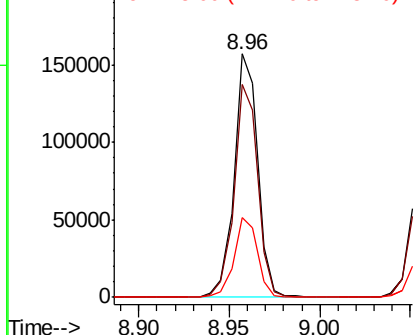
#37
2-Methylnaphthalene
Concen: 6.122 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 141630
Ion Ratio Lower Upper
142 100
141 87.4 71.4 107.2
115 33.0 28.7 43.1

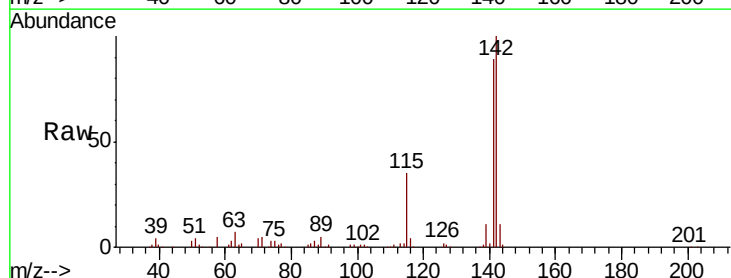


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

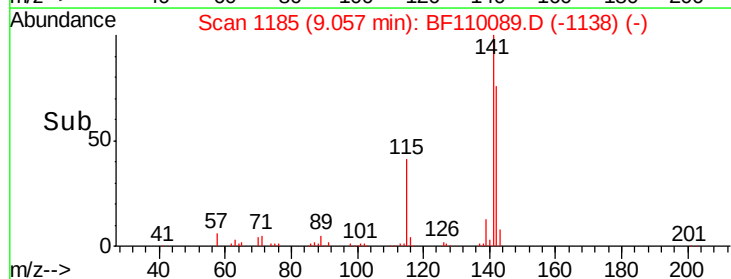
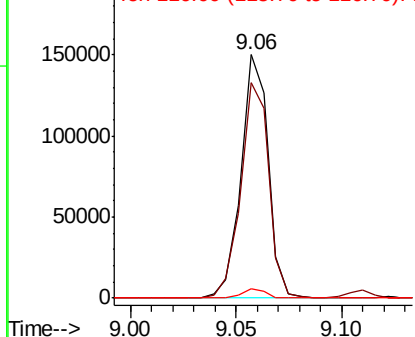


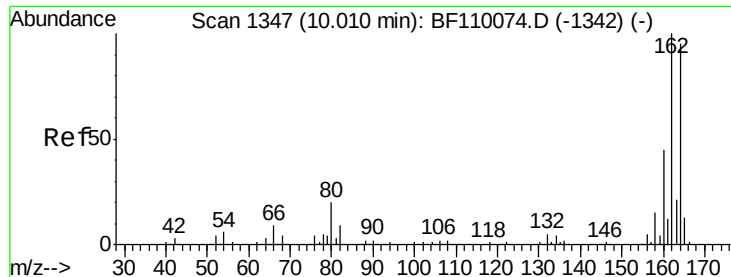
#38
1-Methylnaphthalene
Concen: 5.951 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Tgt Ion:142 Resp: 133041
Ion Ratio Lower Upper
142 100
141 88.7 74.2 111.4
116 3.6 2.6 4.0



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1346

Delta R.T. -0.02 min

Lab File: BF110089.D

Acq: 23 Oct 2018 20:37

Instrument :

BNA_F

ClientSampleId :

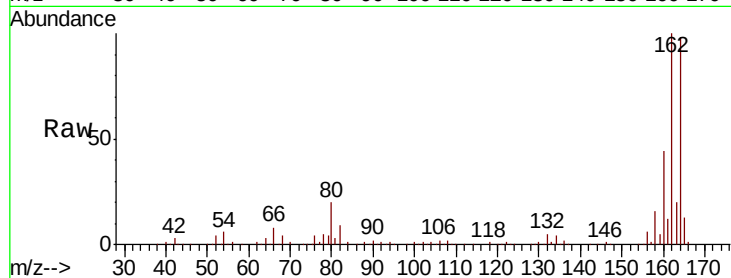
Tot Ion:164 Resp: 369248

Ion Ratio Lower Upper

164 100

162 102.1 83.0 124.6

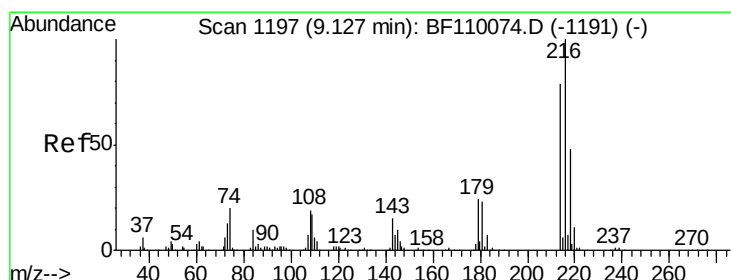
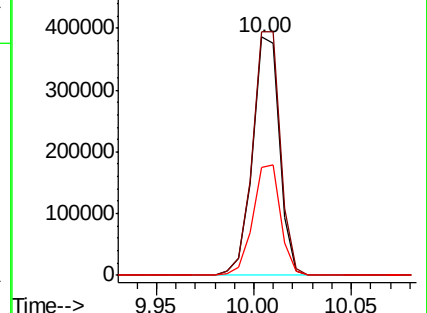
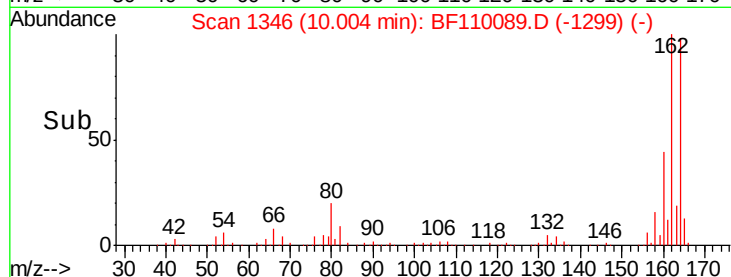
160 45.4 37.0 55.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 5.124 ng

RT: 9.12 min Scan# 1196

Delta R.T. -0.02 min

Lab File: BF110089.D

Acq: 23 Oct 2018 20:37

Tgt Ion:216 Resp: 58948

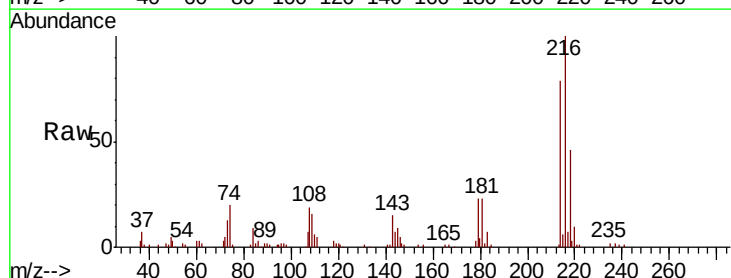
Ion Ratio Lower Upper

216 100

214 78.2 63.8 95.6

179 22.0 16.6 25.0

108 19.5 15.1 22.7

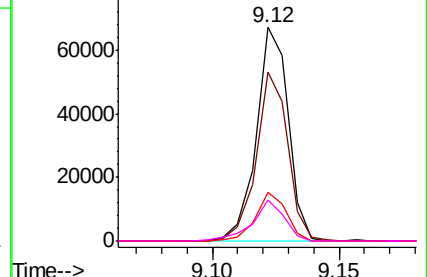
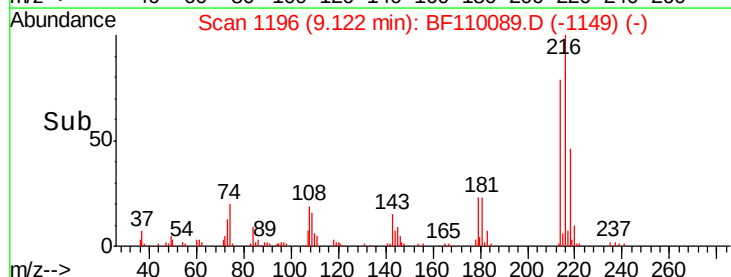


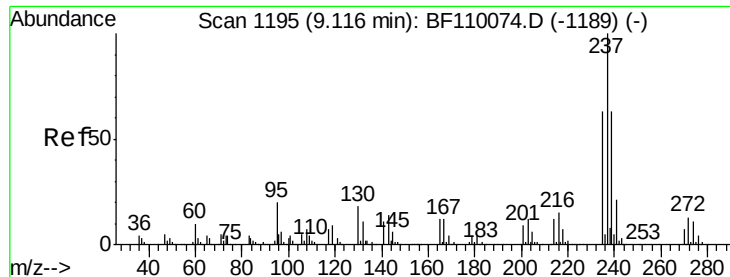
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

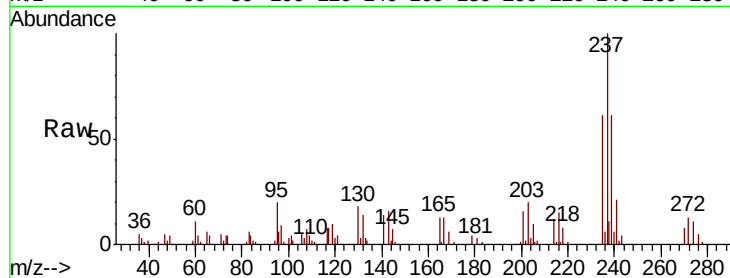




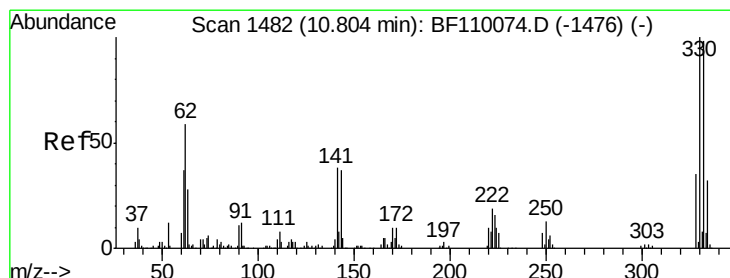
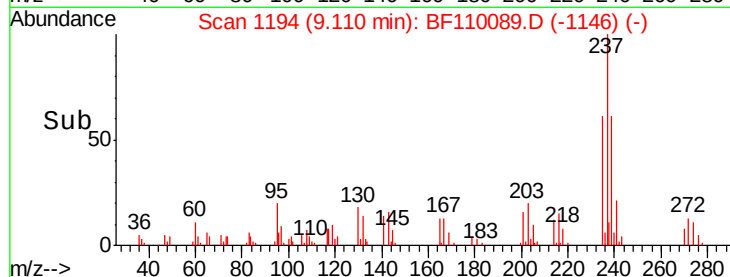
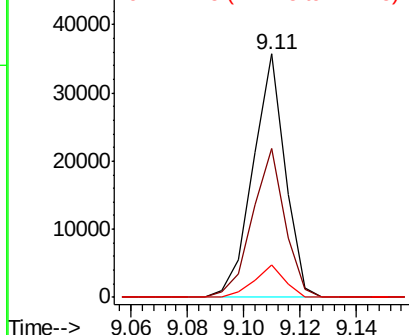
#41
Hexachlorocyclopentadiene
Concen: 4.804 ng
RT: 9.11 min Scan# 1194
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
237	100		
235	61.1	43.1	83.1
272	13.2	0.0	32.6

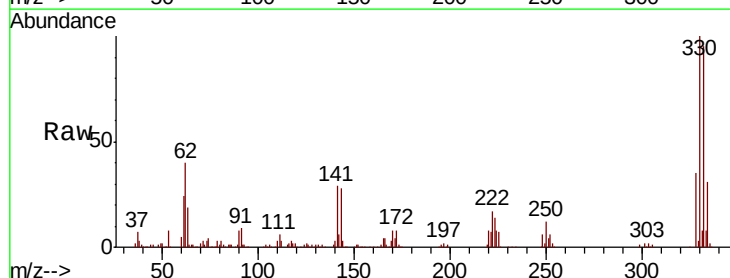


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

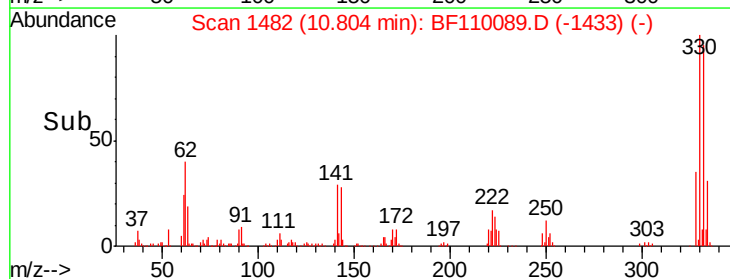
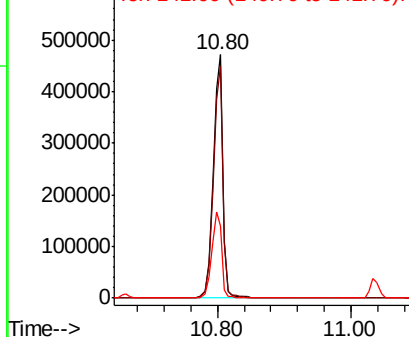


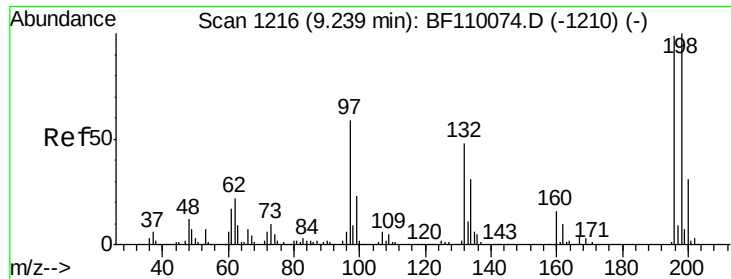
#42
2,4,6-Tribromophenol
Concen: 129.360 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.1	115.7
141	36.8	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

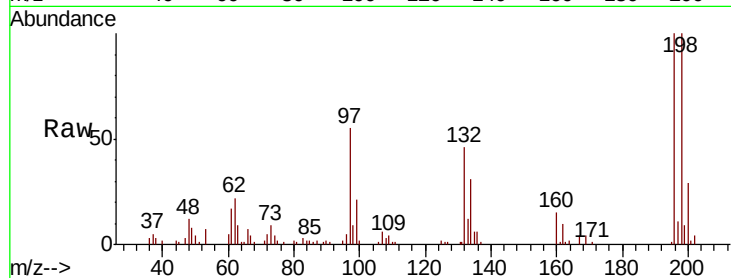




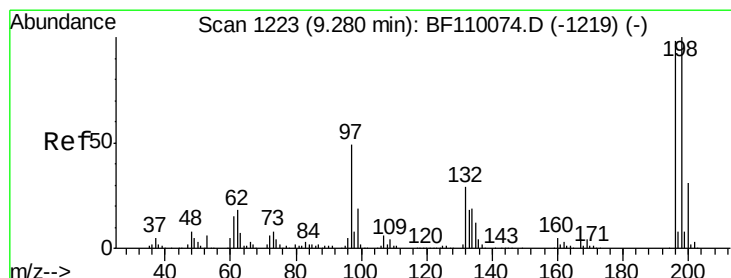
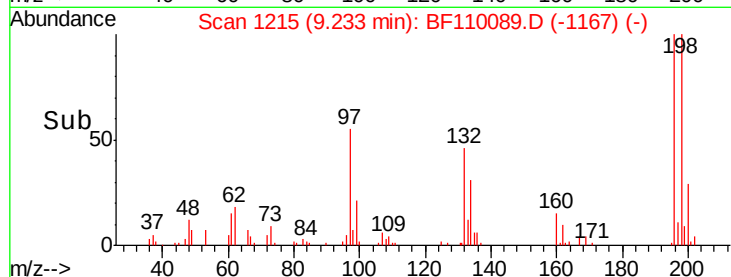
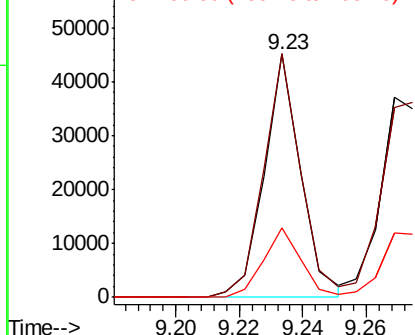
#43
 2,4,6-Trichlorophenol
 Concen: 4.882 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.02 min
 Lab File: BF110089.D
 Acq: 23 Oct 2018 20:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 36225
 Ion Ratio Lower Upper
 196 100
 198 100.0 76.2 114.4
 200 28.7 24.4 36.6

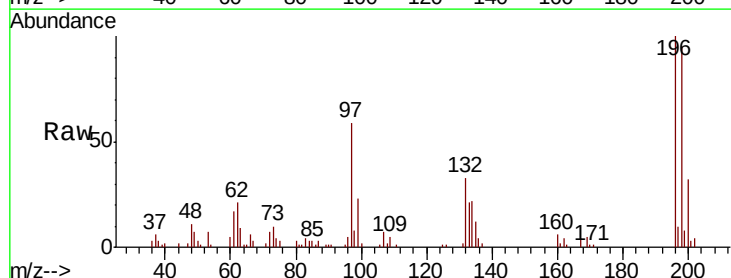


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

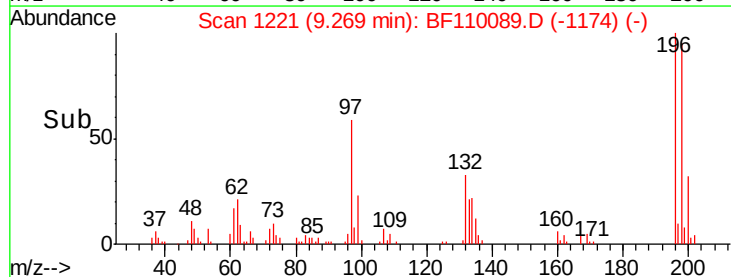
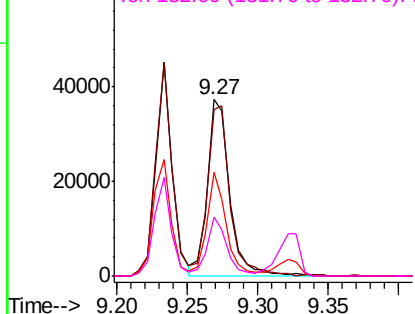


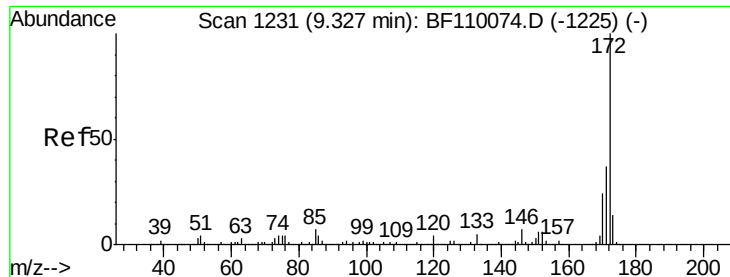
#44
 2,4,5-Trichlorophenol
 Concen: 5.238 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.02 min
 Lab File: BF110089.D
 Acq: 23 Oct 2018 20:37

Tgt Ion:196 Resp: 41087
 Ion Ratio Lower Upper
 196 100
 198 94.7 75.8 113.6
 97 58.9 42.4 63.6
 132 33.4 22.8 34.2



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

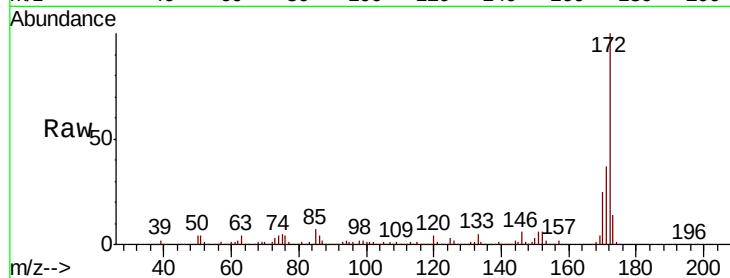




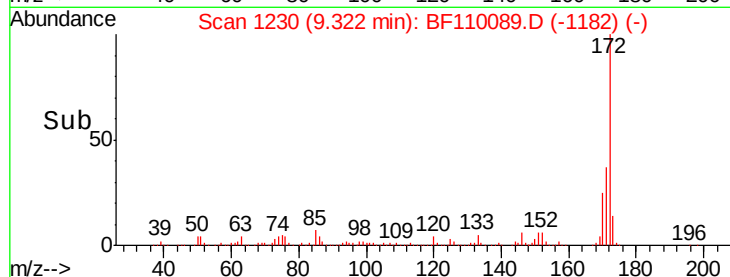
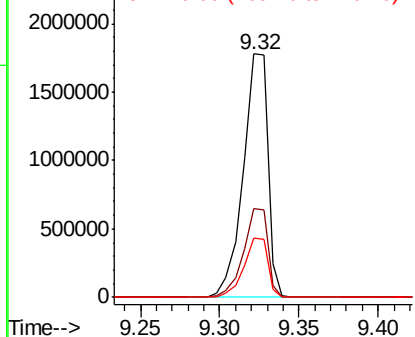
#45
2-Fluorobiphenyl
Concen: 81.316 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 1912143
Ion Ratio Lower Upper
172 100
171 36.6 28.6 43.0
170 24.5 19.7 29.5

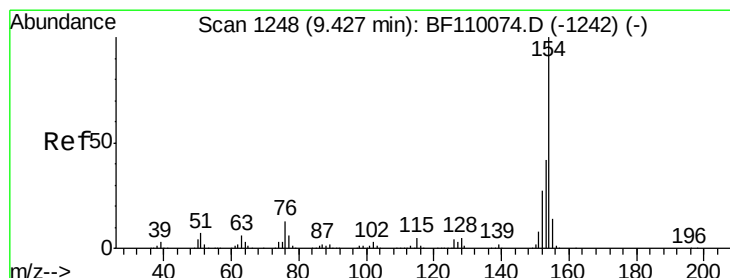


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

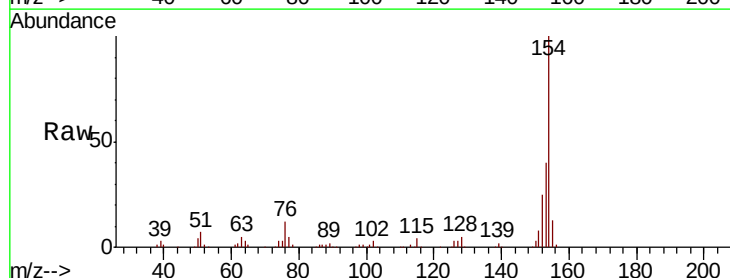
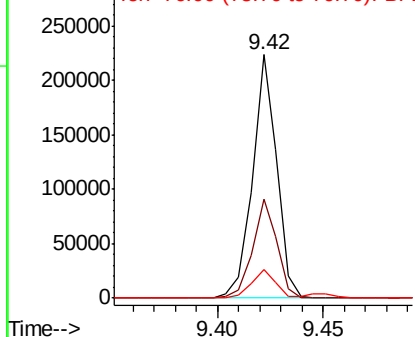


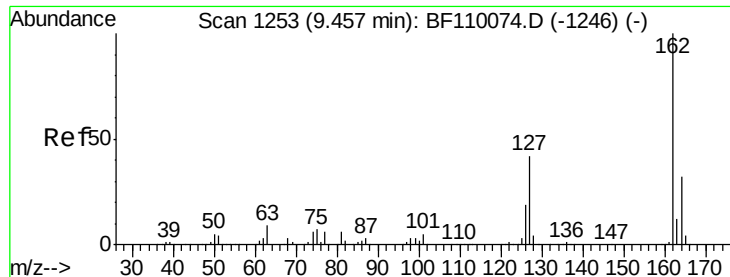
#46
1,1'-Biphenyl
Concen: 5.329 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Tgt Ion:154 Resp: 177930
Ion Ratio Lower Upper
154 100
153 40.4 20.4 60.4
76 11.6 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

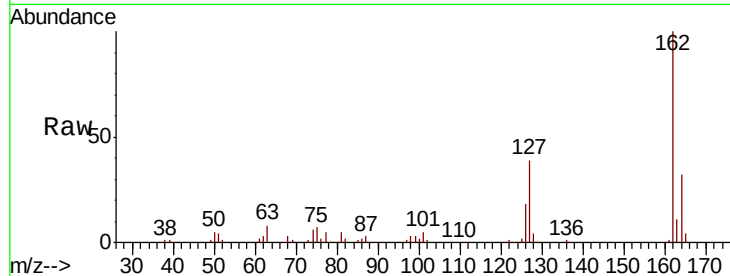




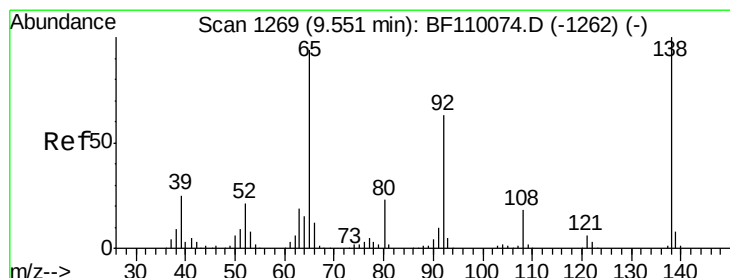
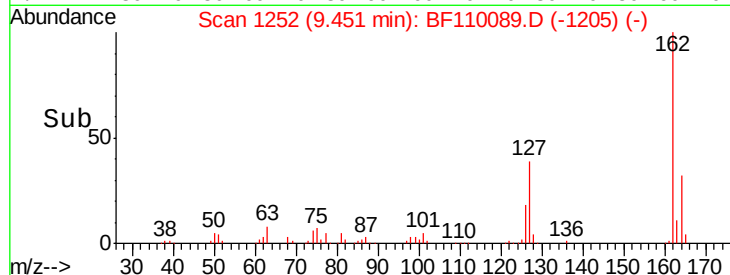
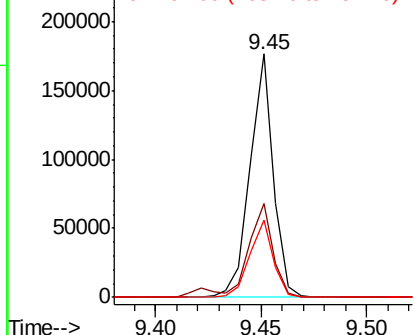
#47
 2-Chloronaphthalene
 Concen: 5.537 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. -0.02 min
 Lab File: BF110089.D
 Acq: 23 Oct 2018 20:37

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.7	32.6	48.8
164	31.9	25.9	38.9

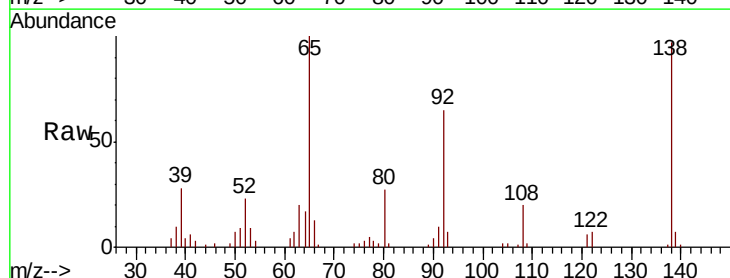


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

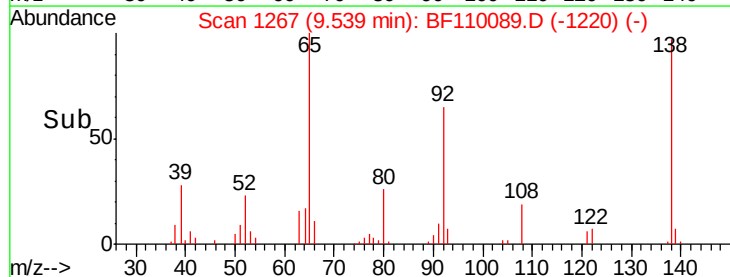
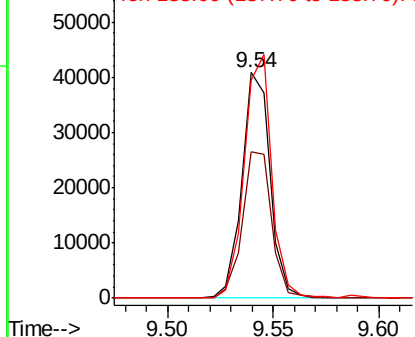


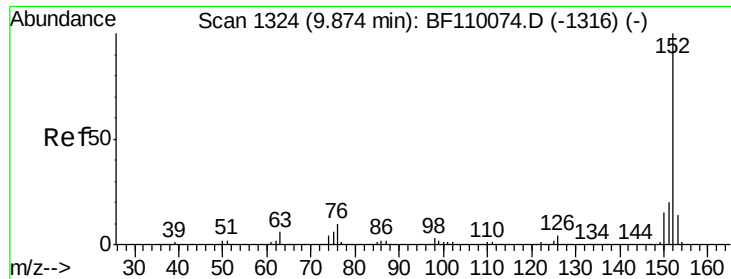
#48
 2-Nitroaniline
 Concen: 5.089 ng
 RT: 9.54 min Scan# 1267
 Delta R.T. -0.02 min
 Lab File: BF110089.D
 Acq: 23 Oct 2018 20:37

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.1	54.6	81.8
138	96.9	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): E





#49

Acenaphthylene

Concen: 5.827 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF110089.D

Acq: 23 Oct 2018 20:37

Instrument :

BNA_F

ClientSampleId :

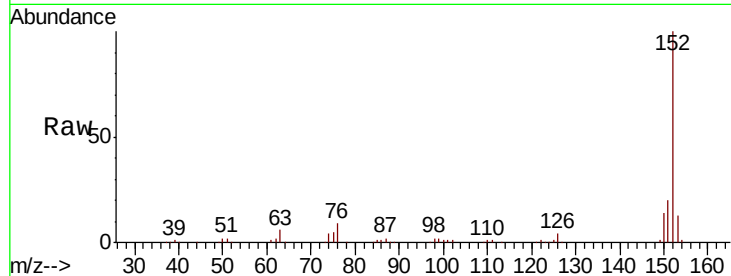
Tot Ion:152 Resp: 206135

Ion Ratio Lower Upper

152 100

151 20.0 15.8 23.8

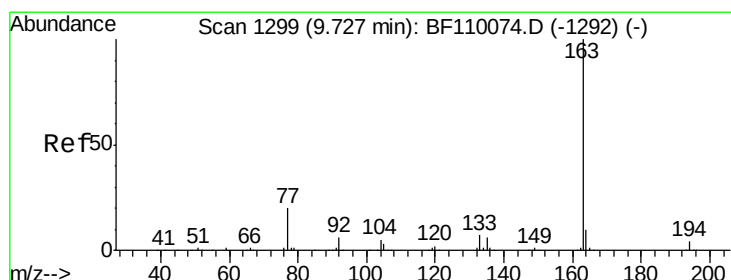
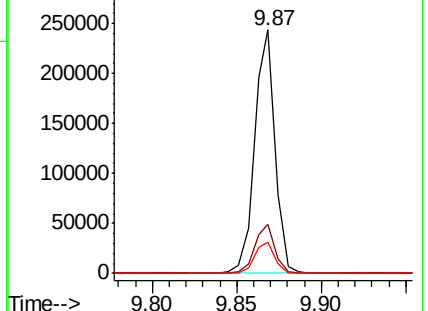
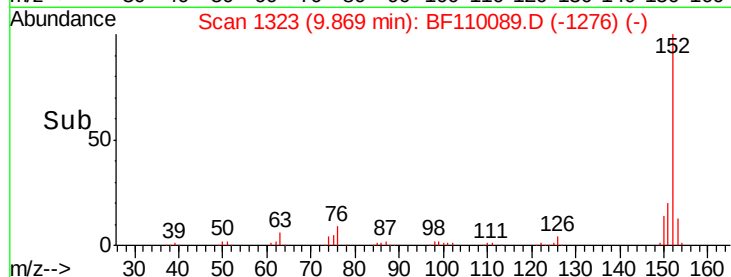
153 12.9 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 5.576 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BF110089.D

Acq: 23 Oct 2018 20:37

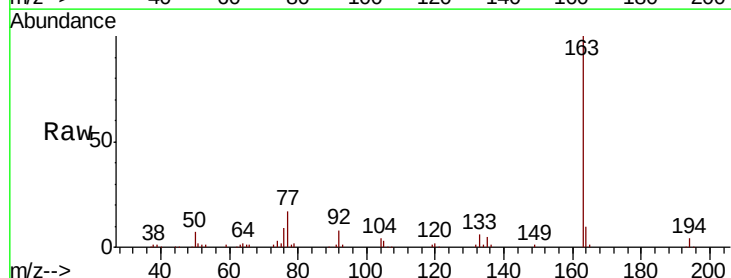
Tgt Ion:163 Resp: 151974

Ion Ratio Lower Upper

163 100

194 3.7 3.2 4.8

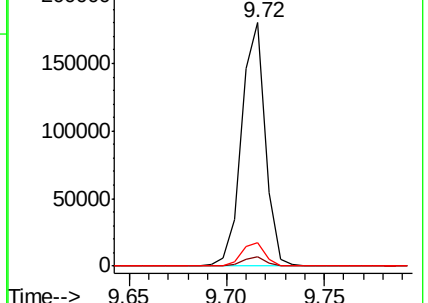
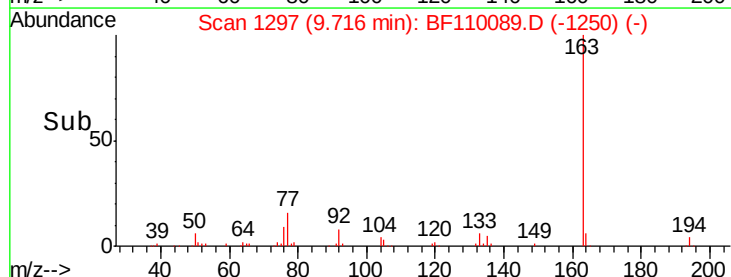
164 9.6 8.1 12.1

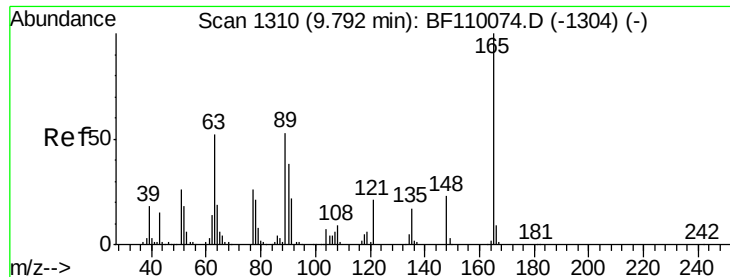


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 5.418 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.02 min

Lab File: BF110089.D

Acq: 23 Oct 2018 20:37

Instrument :

BNA_F

ClientSampleId :

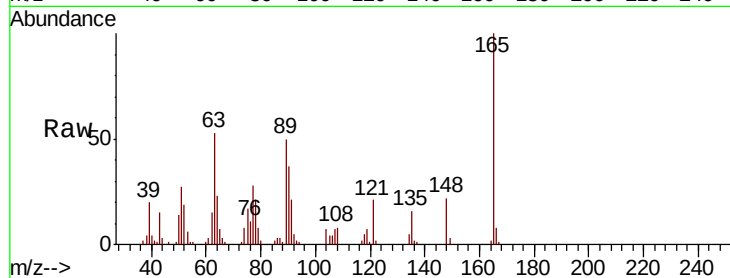
Tot Ion:165 Resp: 31808

Ion Ratio Lower Upper

165 100

63 53.1 48.9 73.3

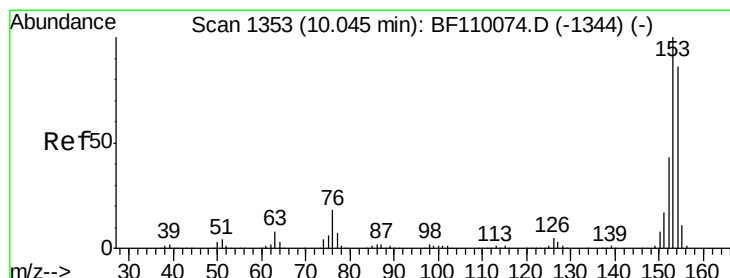
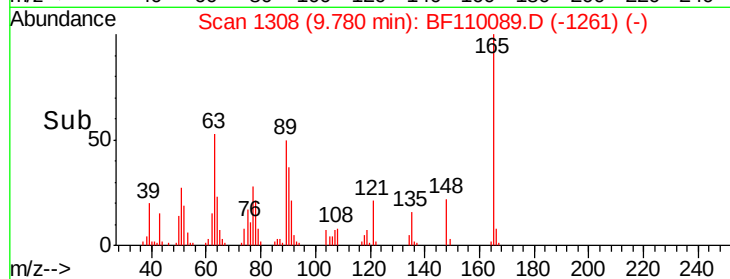
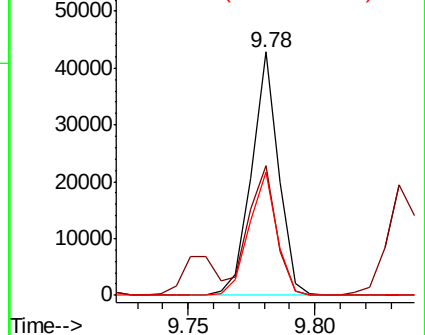
89 50.5 46.6 69.8



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: 5.601 ng

RT: 10.04 min Scan# 1352

Delta R.T. -0.02 min

Lab File: BF110089.D

Acq: 23 Oct 2018 20:37

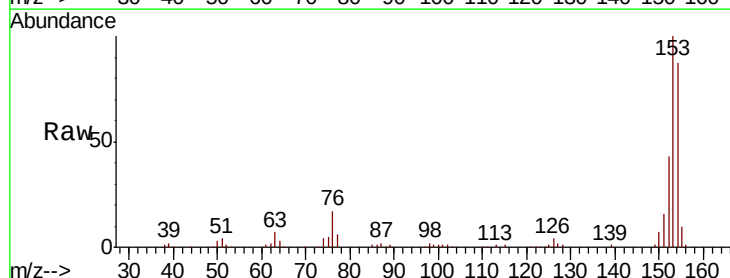
Tgt Ion:154 Resp: 131072

Ion Ratio Lower Upper

154 100

153 114.5 90.1 135.1

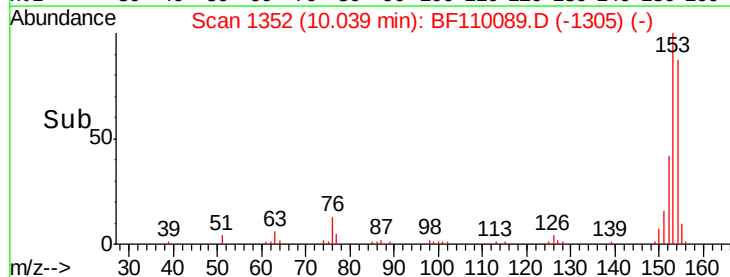
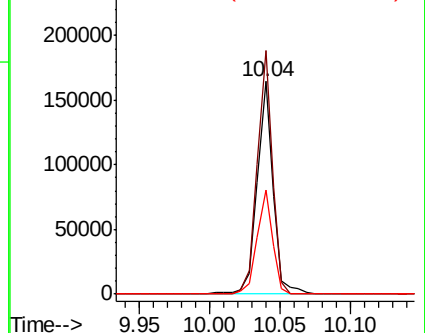
152 48.8 43.4 65.2

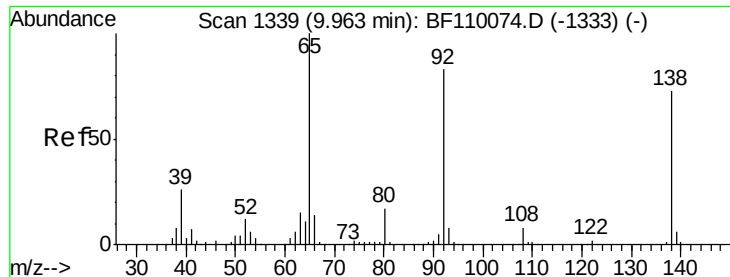


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

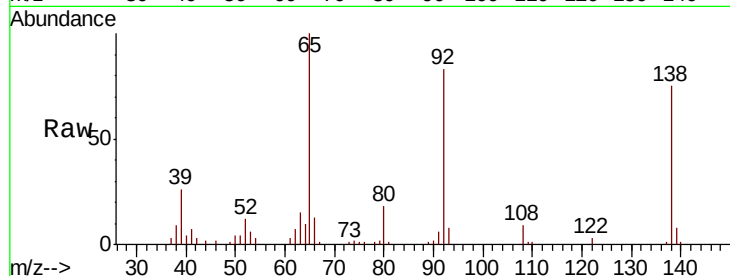




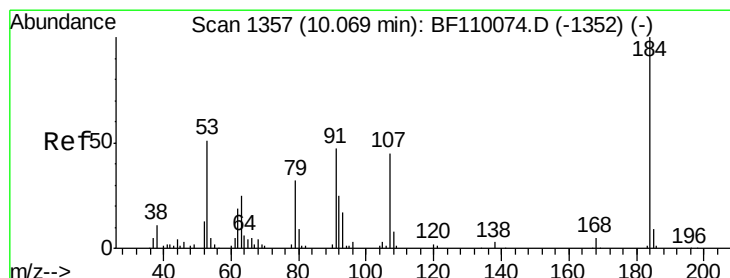
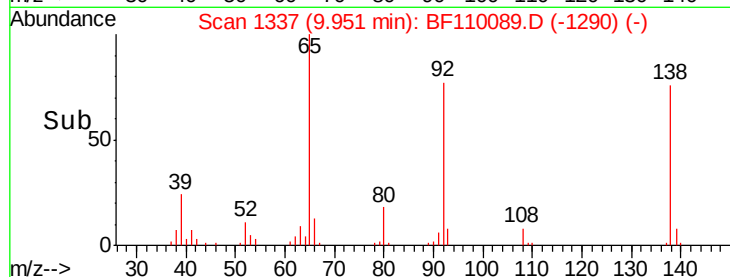
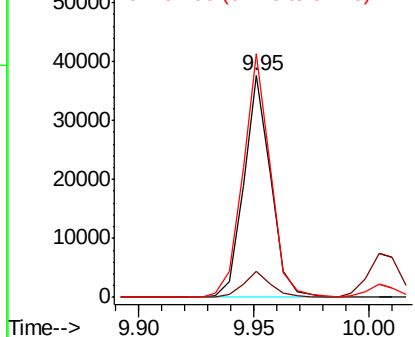
#53
3-Nitroaniline
Concen: 4.366 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 30484
Ion Ratio Lower Upper
138 100
108 11.5 8.7 13.1
92 109.8 97.0 145.4

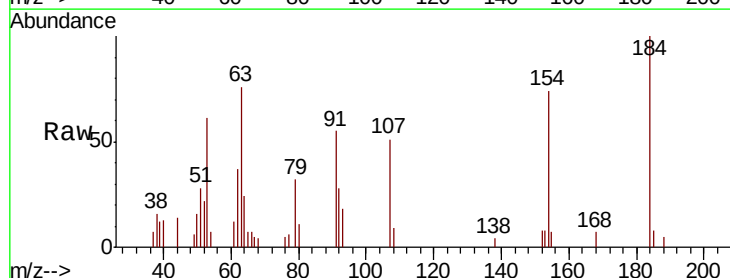


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

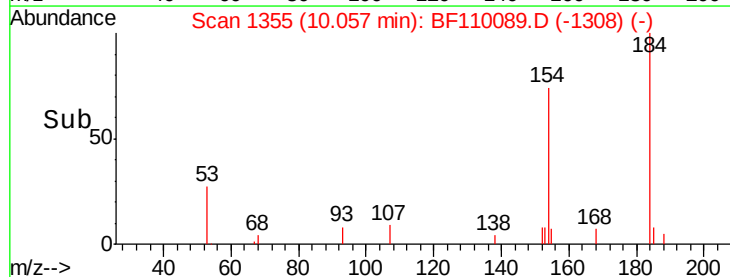
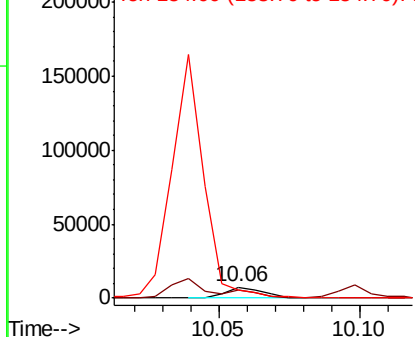


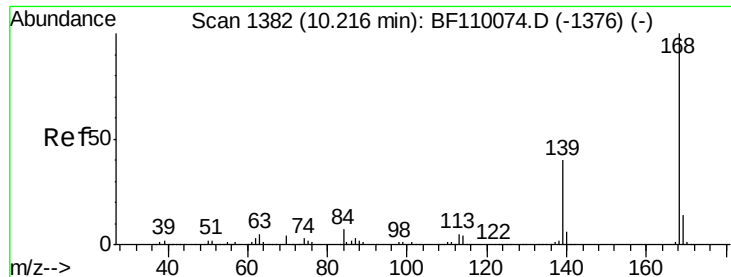
#54
2,4-Dinitrophenol
Concen: 7.825 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Tgt Ion:184 Resp: 6603
Ion Ratio Lower Upper
184 100
63 76.2 55.8 83.6
154 73.5 63.2 94.8



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





#55

Dibenzenofuran

Concen: 5.689 ng

RT: 10.21 min Scan# 1381

Delta R.T. -0.02 min

Lab File: BF110089.D

Acq: 23 Oct 2018 20:37

Instrument :

BNA_F

ClientSampleId :

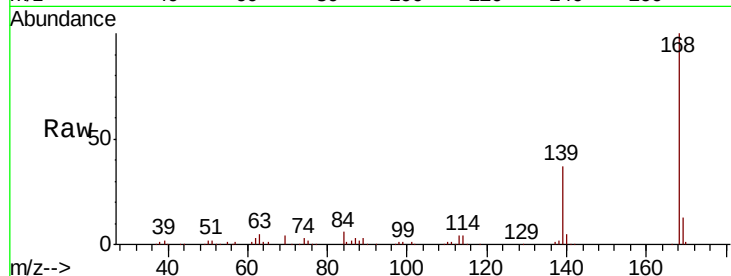
Tot Ion:168 Resp: 186414

Ion Ratio Lower Upper

168 100

139 36.9 33.0 49.6

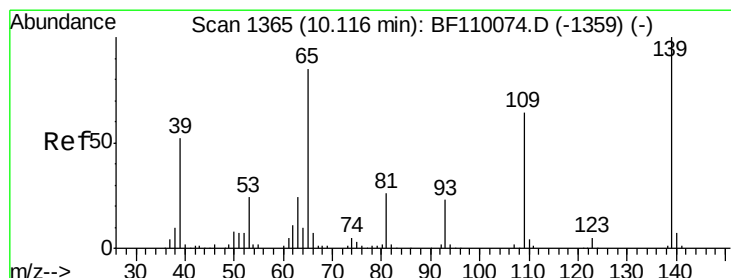
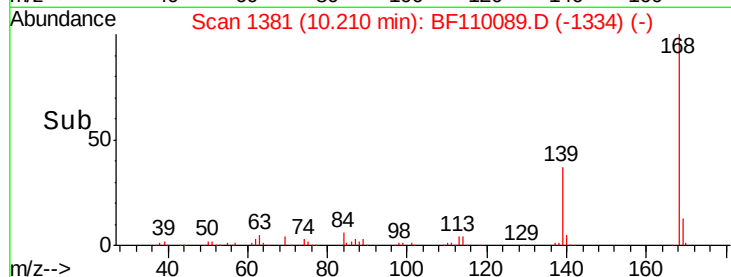
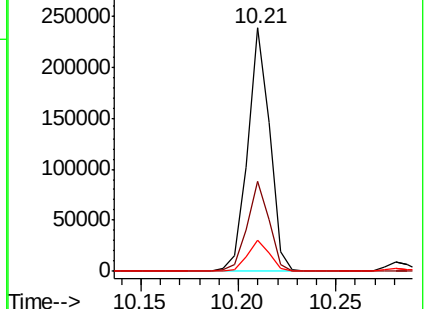
169 13.0 11.3 16.9



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: 4.938 ng

RT: 10.10 min Scan# 1362

Delta R.T. -0.02 min

Lab File: BF110089.D

Acq: 23 Oct 2018 20:37

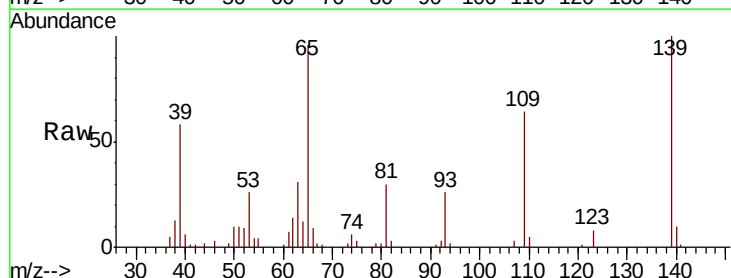
Tgt Ion:139 Resp: 25515

Ion Ratio Lower Upper

139 100

109 64.3 55.8 95.8

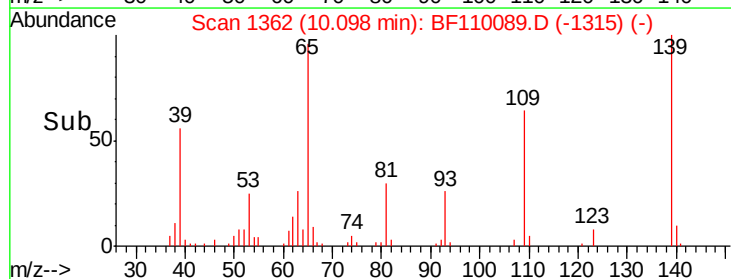
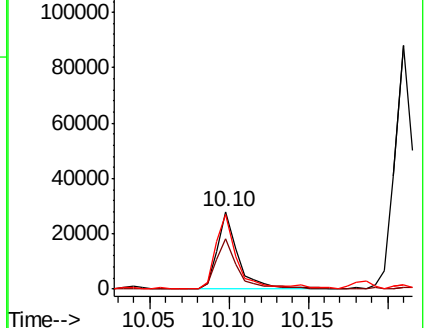
65 95.9 77.9 117.9

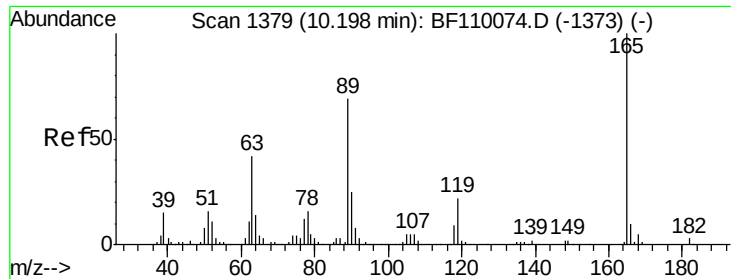


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 5.270 ng

RT: 10.19 min Scan# 1377

Delta R.T. -0.02 min

Lab File: BF110089.D

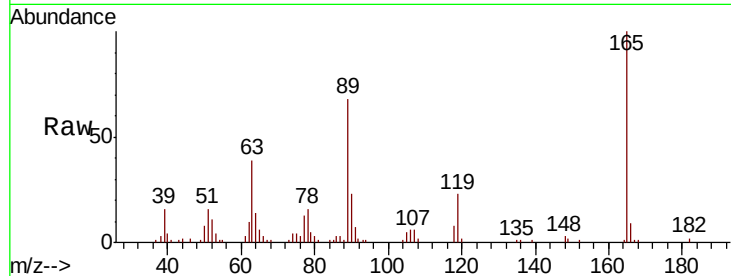
Acq: 23 Oct 2018 20:37

Instrument :

BNA_F

ClientSampled :

Tot Ion:	165	Resp:	39299
Ion	Ratio	Lower	Upper
165	100		
63	39.2	44.8	67.2#
89	68.1	62.2	93.4
182	2.4	2.1	3.1



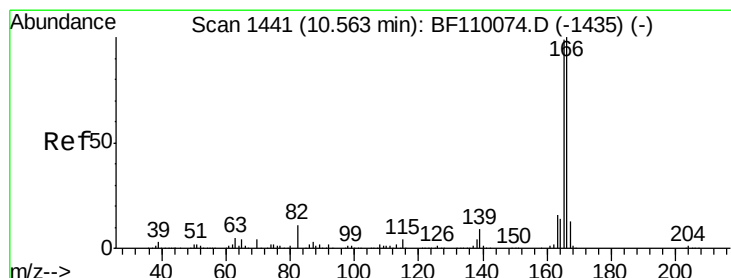
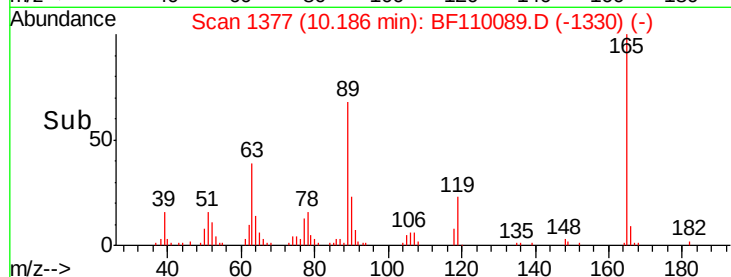
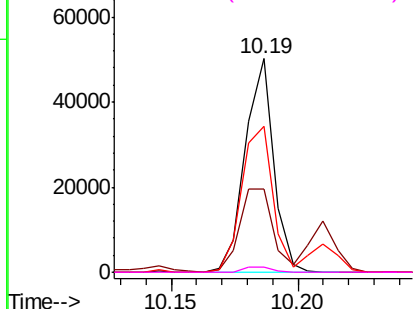
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 6.104 ng

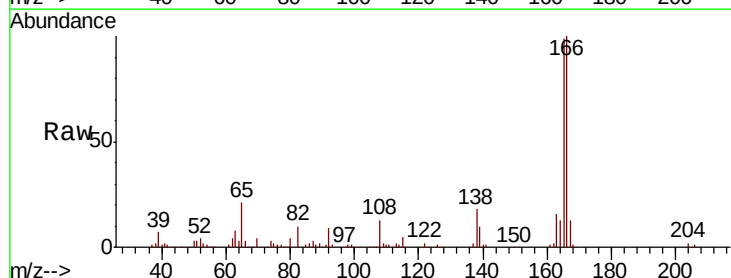
RT: 10.56 min Scan# 1440

Delta R.T. -0.02 min

Lab File: BF110089.D

Acq: 23 Oct 2018 20:37

Tgt Ion:	166	Resp:	148851
Ion	Ratio	Lower	Upper
166	100		
165	99.0	78.6	117.8
167	12.6	10.8	16.2

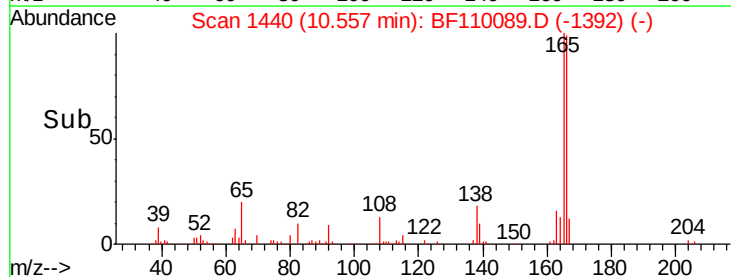
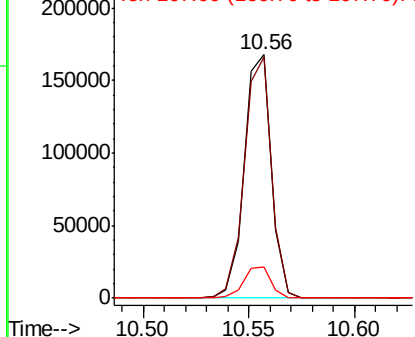


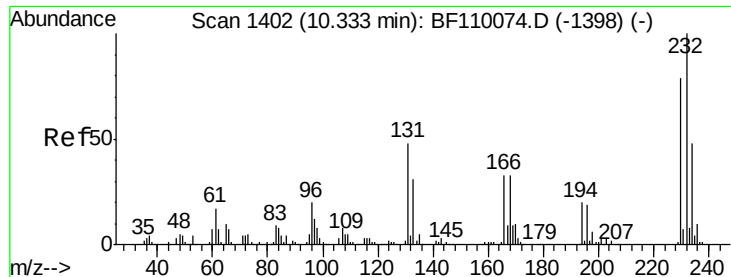
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

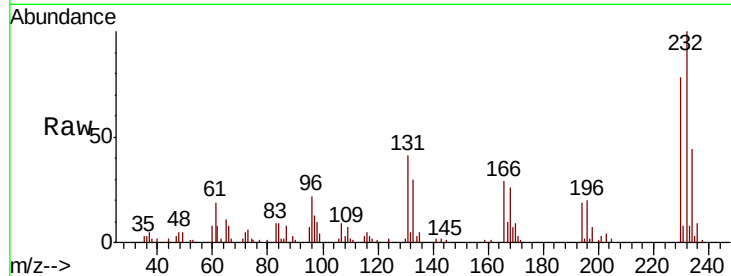




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 4.724 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. -0.06 min
 Lab File: BF110089.D
 Acq: 23 Oct 2018 20:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	41.3	37.0	55.4
130	2.1	1.8	2.6
166	26.6	22.0	33.0



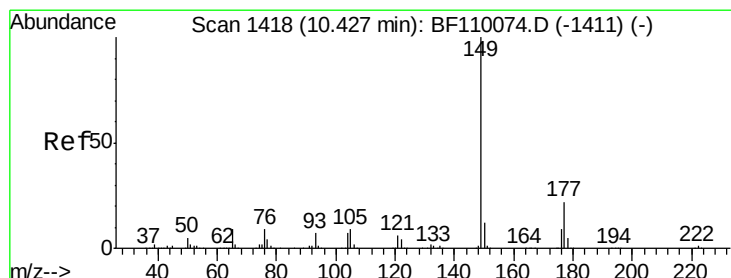
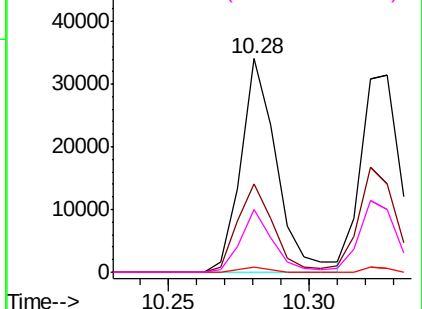
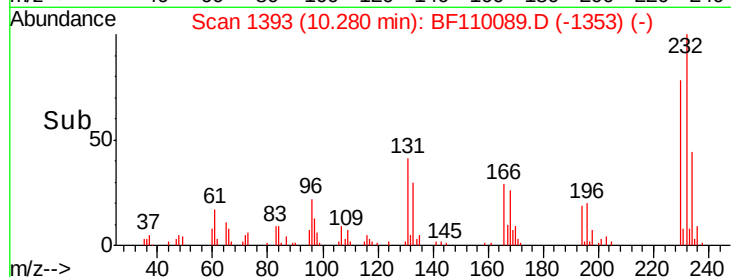
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

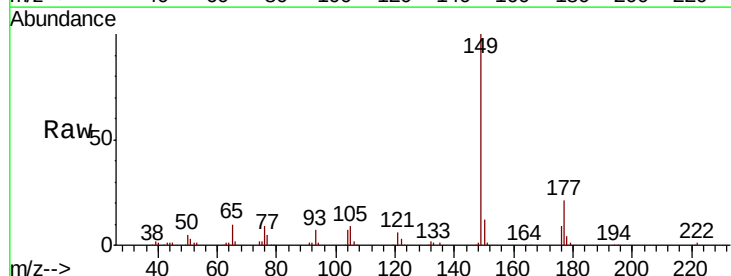
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 5.576 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. -0.02 min
 Lab File: BF110089.D
 Acq: 23 Oct 2018 20:37

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.7	17.4	26.2
150	12.1	9.8	14.8

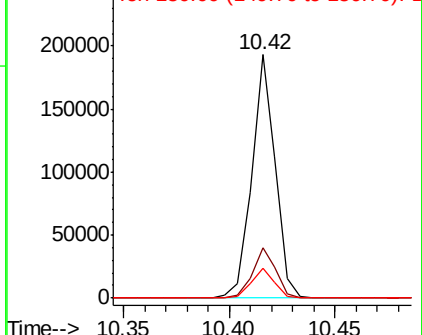
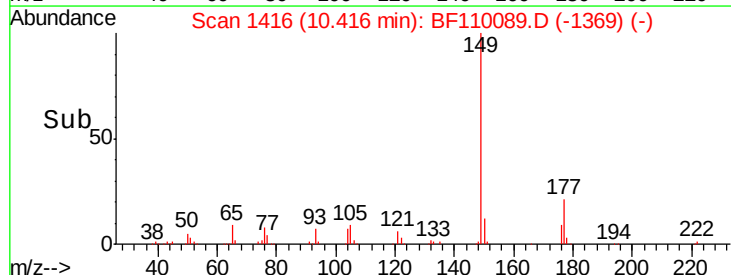


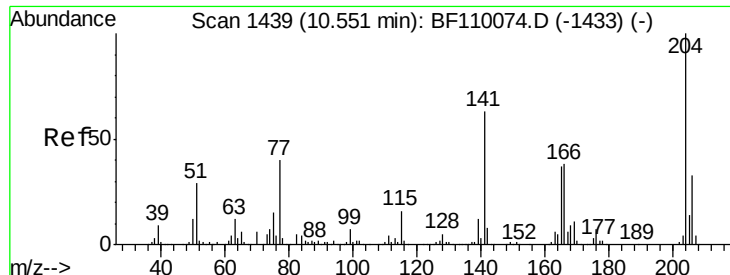
Abundance

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

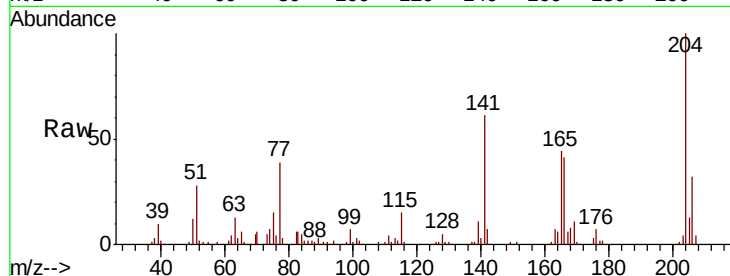




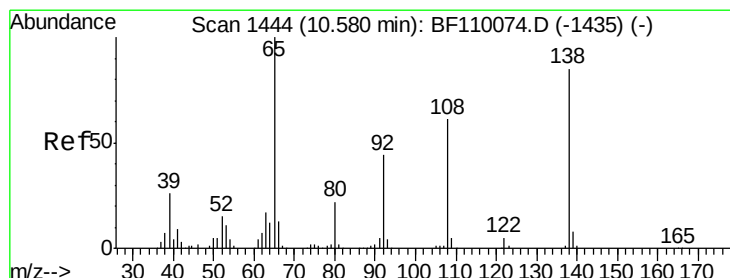
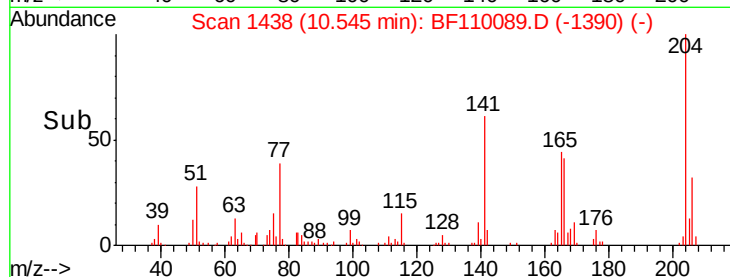
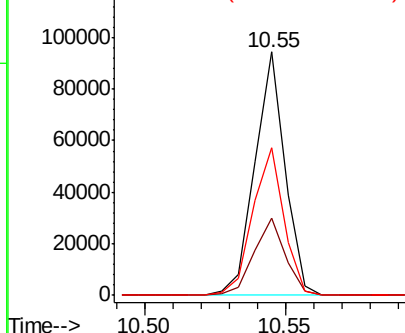
#61
4-Chlorophenyl-phenylether
Concen: 5.444 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 70041
Ion Ratio Lower Upper
204 100
206 31.8 26.5 39.7
141 60.5 51.8 77.8

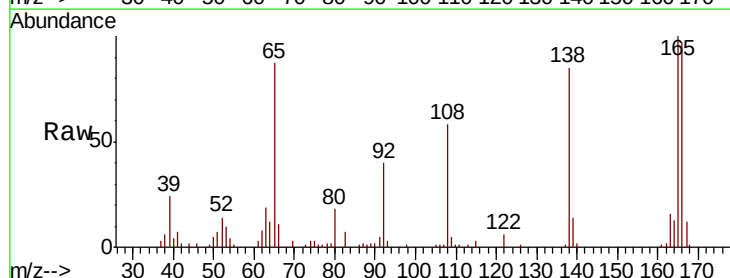


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

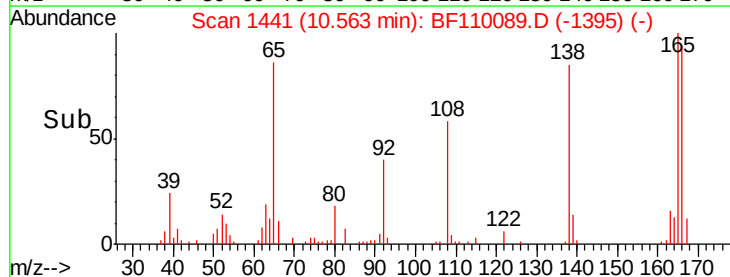
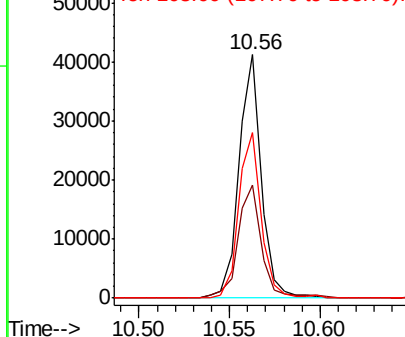


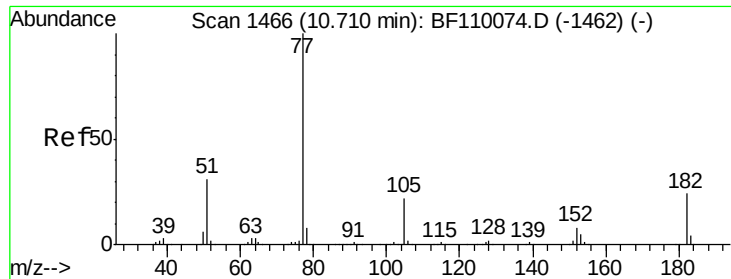
#62
4-Nitroaniline
Concen: 5.090 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.03 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Tgt Ion:138 Resp: 35350
Ion Ratio Lower Upper
138 100
92 46.6 31.7 71.7
108 68.1 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: 5.643 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.02 min

Lab File: BF110089.D

Acq: 23 Oct 2018 20:37

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 149031

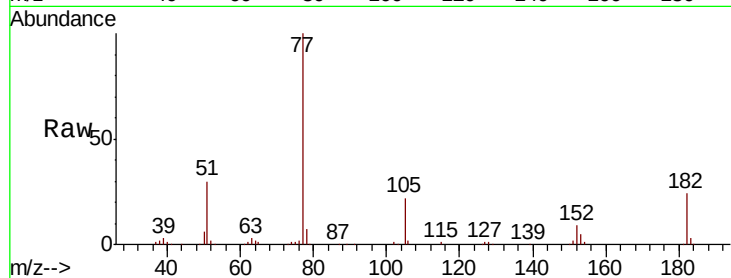
Ion Ratio Lower Upper

77 100

182 23.7 4.3 44.3

105 21.9 1.3 41.3

51 29.7 9.0 49.0

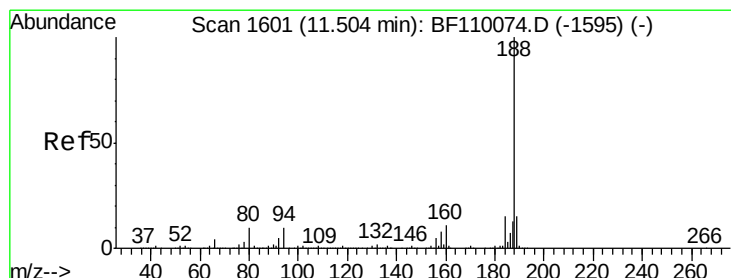
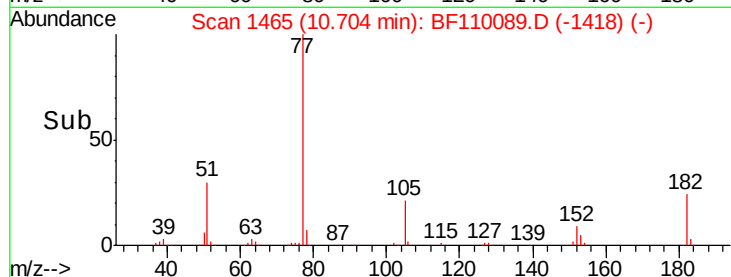
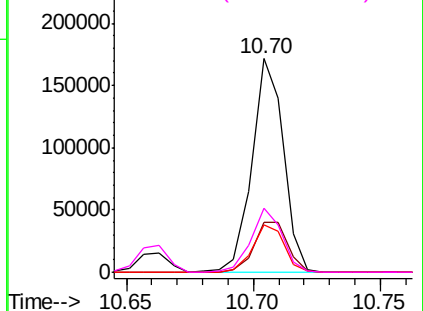


Abundance Ion 77.00 (76.70 to 77.70): BF1

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# 1600

Delta R.T. -0.02 min

Lab File: BF110089.D

Acq: 23 Oct 2018 20:37

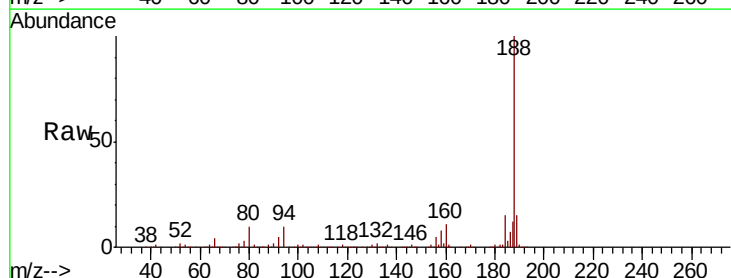
Tgt Ion: 188 Resp: 717002

Ion Ratio Lower Upper

188 100

94 9.8 7.2 10.8

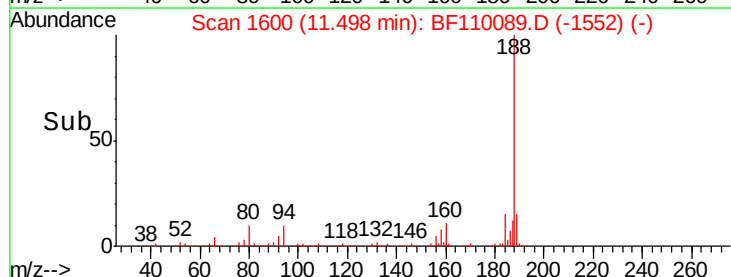
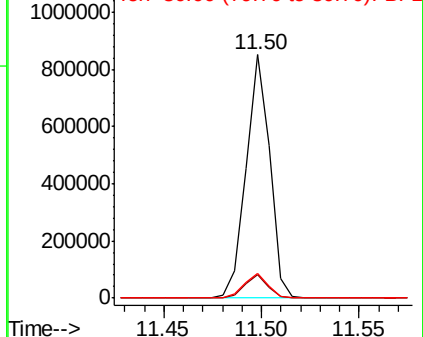
80 10.4 7.9 11.9

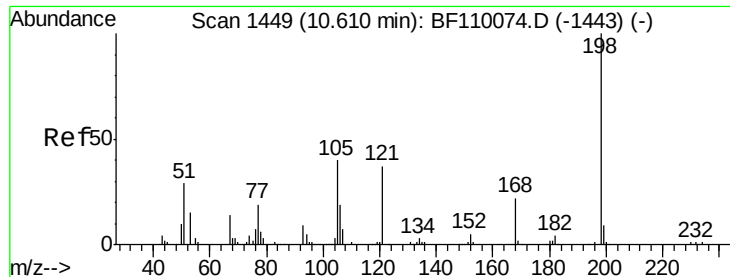


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 3.517 ng

RT: 10.59 min Scan# 1446

Delta R.T. -0.03 min

Lab File: BF110089.D

Acq: 23 Oct 2018 20:37

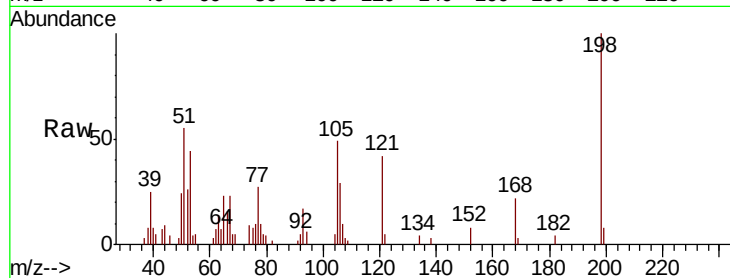
Instrument :

BNA_F

ClientSampled :

Tot Ion:198 Resp: 11520

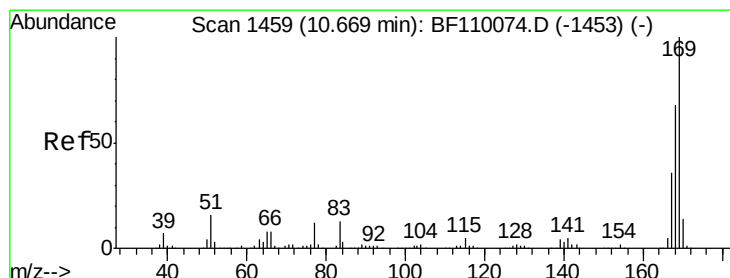
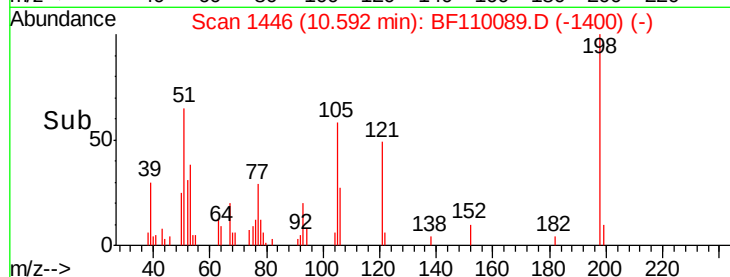
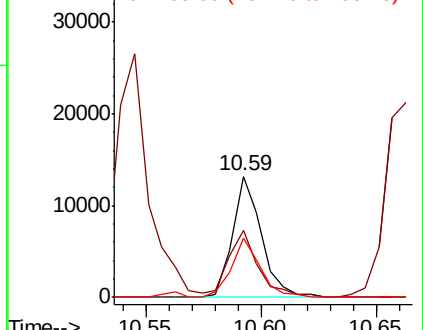
Ion	Ratio	Lower	Upper
198	100		
51	55.2	22.8	62.8
105	48.8	23.6	63.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 5.365 ng

RT: 10.66 min Scan# 1458

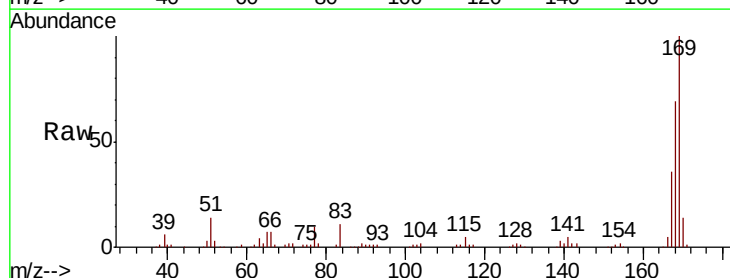
Delta R.T. -0.02 min

Lab File: BF110089.D

Acq: 23 Oct 2018 20:37

Tgt Ion:169 Resp: 126180

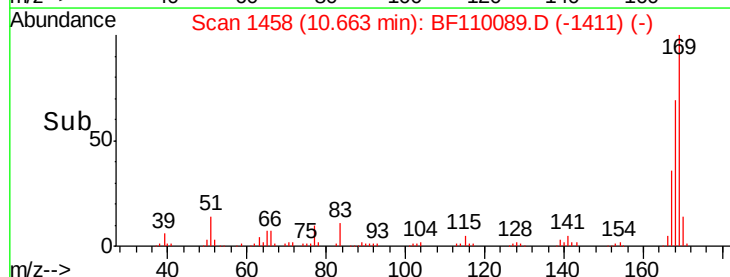
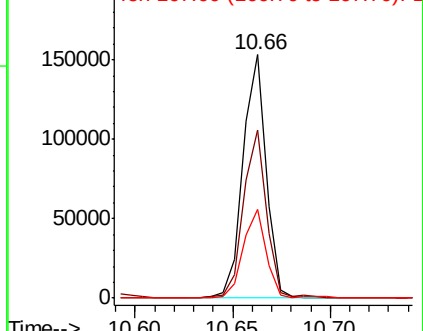
Ion	Ratio	Lower	Upper
169	100		
168	69.0	51.2	76.8
167	36.2	27.8	41.6

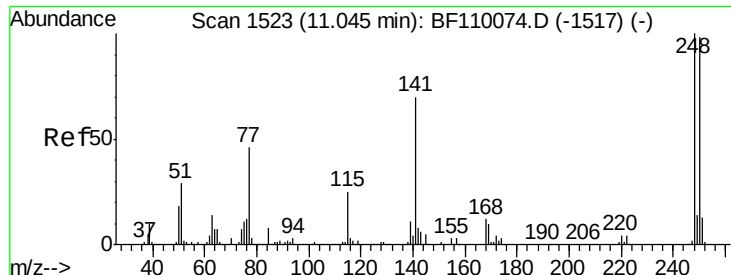


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

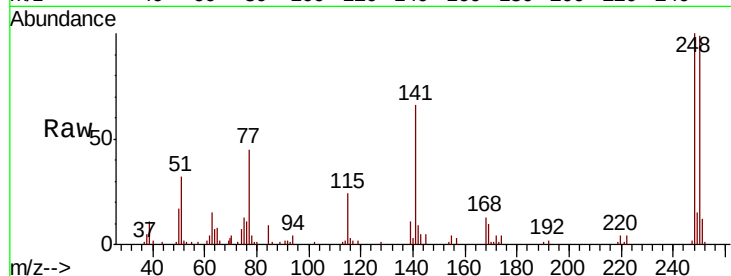




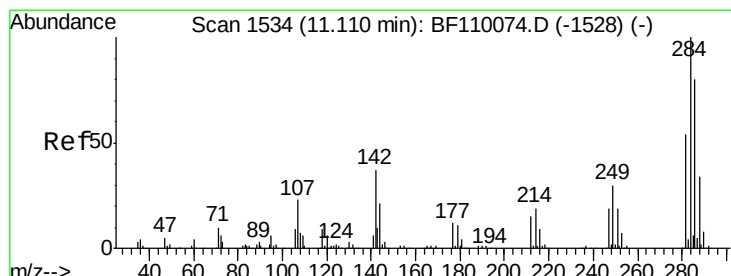
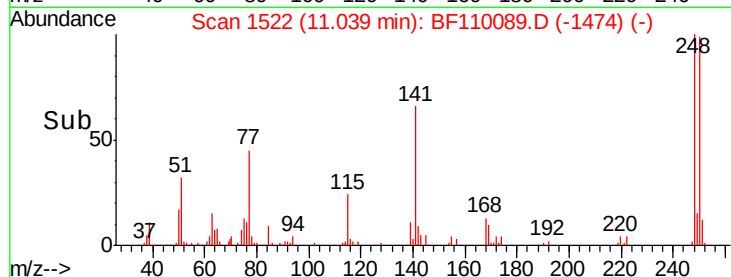
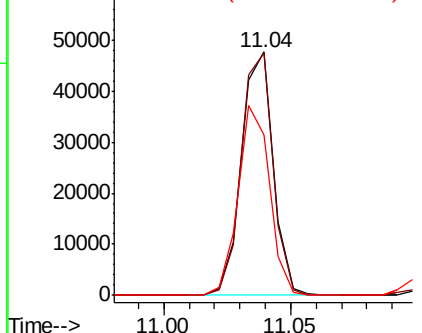
#67
 4-Bromophenyl-phenylether
 Concen: 5.338 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. -0.02 min
 Lab File: BF110089.D
 Acq: 23 Oct 2018 20:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 41517
 Ion Ratio Lower Upper
 248 100
 250 99.4 79.4 119.2
 141 65.8 55.9 83.9

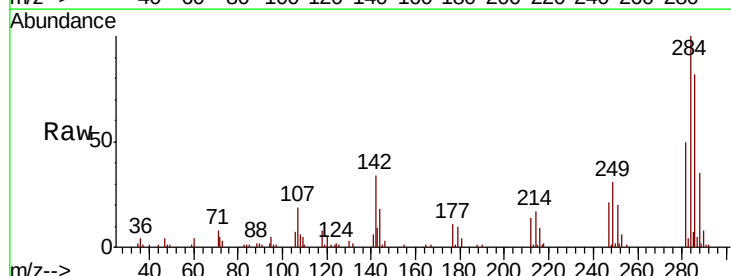


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

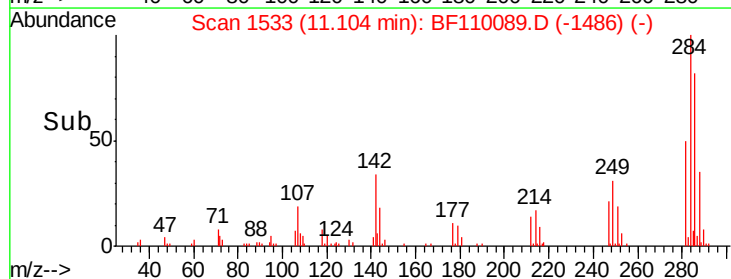
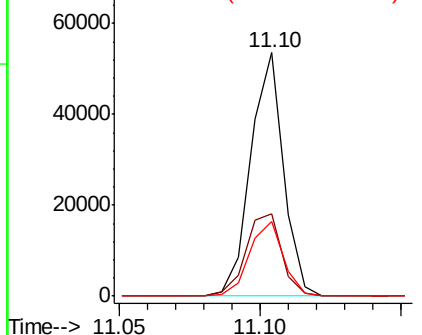


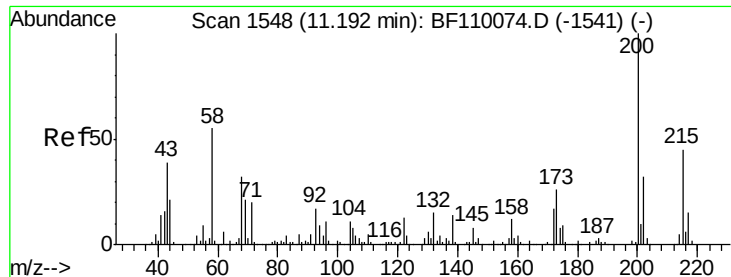
#68
 Hexachlorobenzene
 Concen: 5.220 ng
 RT: 11.10 min Scan# 1533
 Delta R.T. -0.02 min
 Lab File: BF110089.D
 Acq: 23 Oct 2018 20:37

Tgt Ion:284 Resp: 43072
 Ion Ratio Lower Upper
 284 100
 142 33.9 23.9 35.9
 249 30.9 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

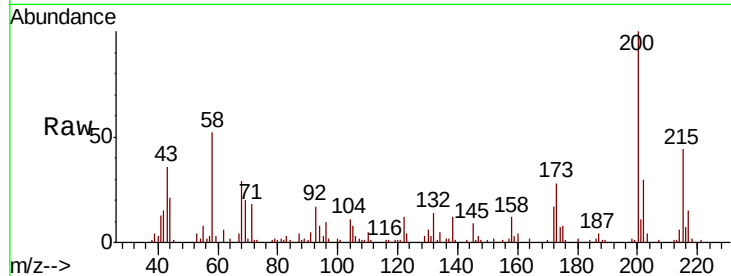




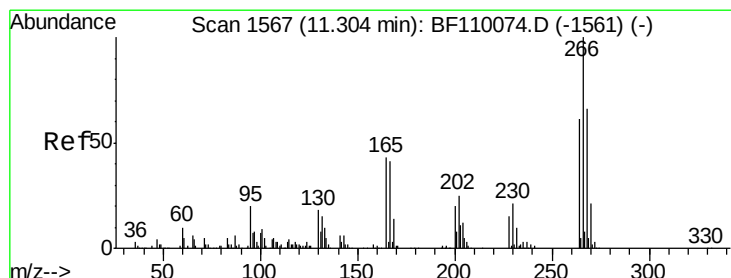
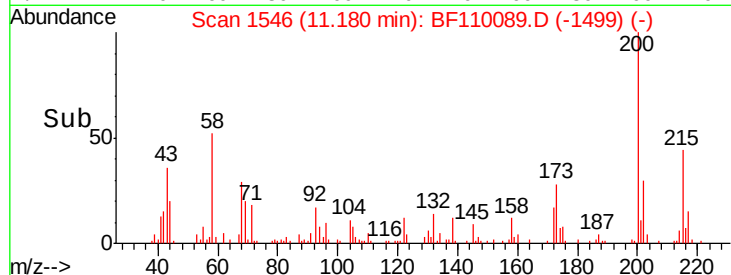
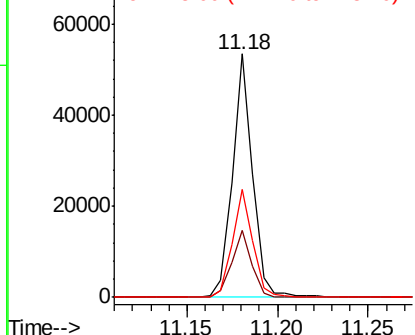
#69
Atrazine
Concen: 5.563 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 41345
Ion Ratio Lower Upper
200 100
173 27.8 6.6 46.6
215 44.2 26.3 66.3

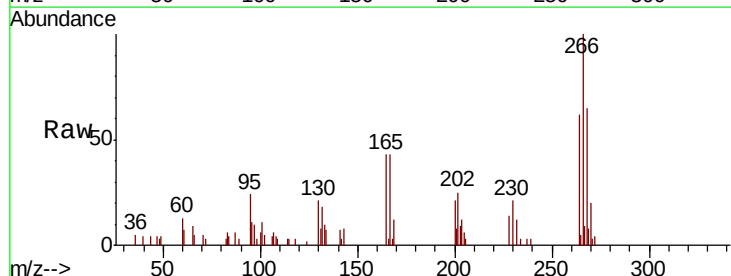


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

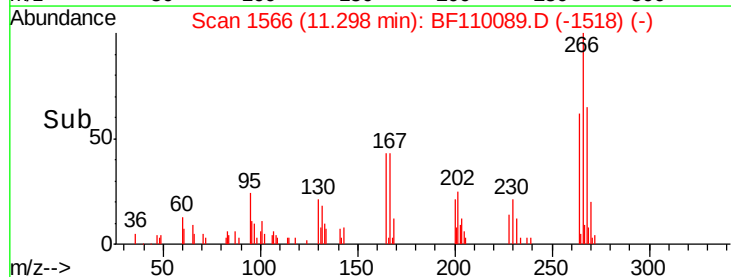
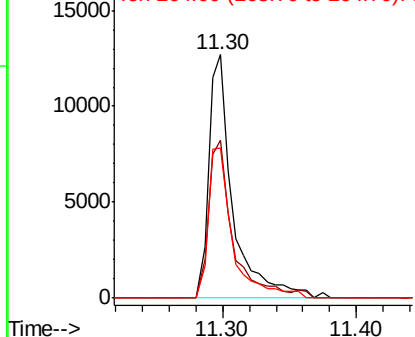


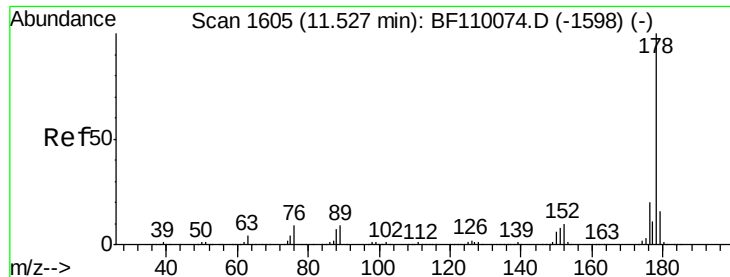
#70
Pentachlorophenol
Concen: 3.333 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Tgt Ion:266 Resp: 16038
Ion Ratio Lower Upper
266 100
268 64.7 50.6 75.8
264 61.9 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: 6.012 ng

RT: 11.52 min Scan# 1604

Delta R.T. -0.02 min

Lab File: BF110089.D

Acq: 23 Oct 2018 20:37

Instrument :

BNA_F

ClientSampleId :

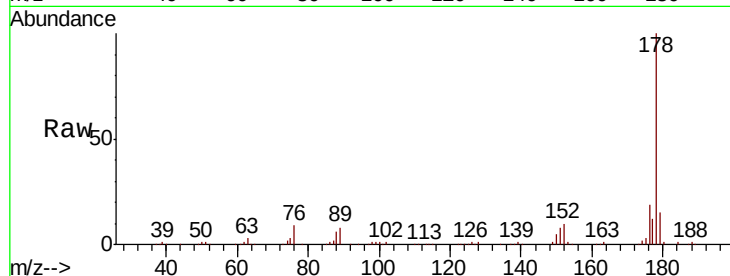
Tot Ion:178 Resp: 225549

Ion Ratio Lower Upper

178 100

176 18.9 15.5 23.3

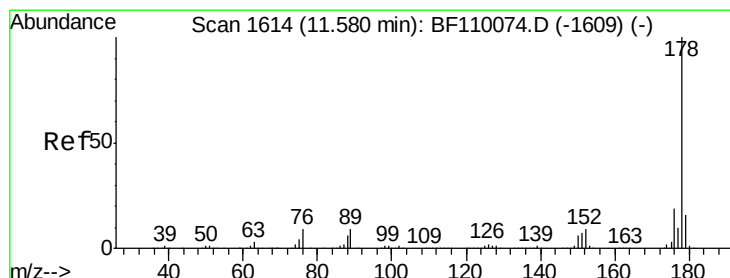
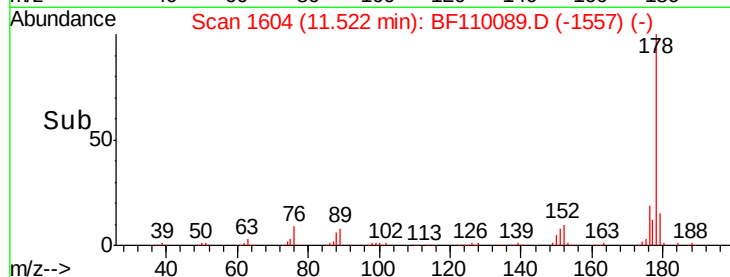
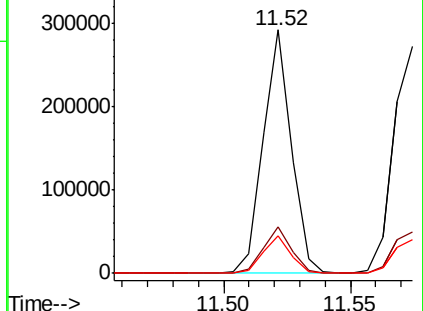
179 15.5 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 6.115 ng

RT: 11.57 min Scan# 1613

Delta R.T. -0.02 min

Lab File: BF110089.D

Acq: 23 Oct 2018 20:37

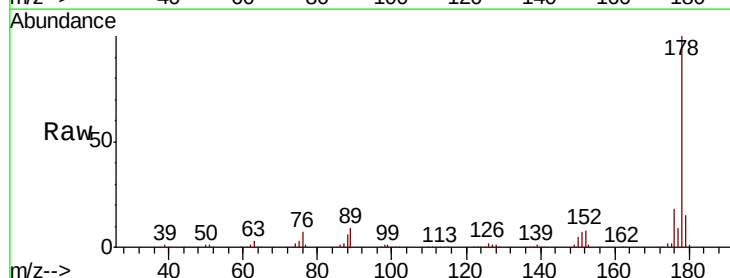
Tgt Ion:178 Resp: 229947

Ion Ratio Lower Upper

178 100

176 18.1 15.4 23.2

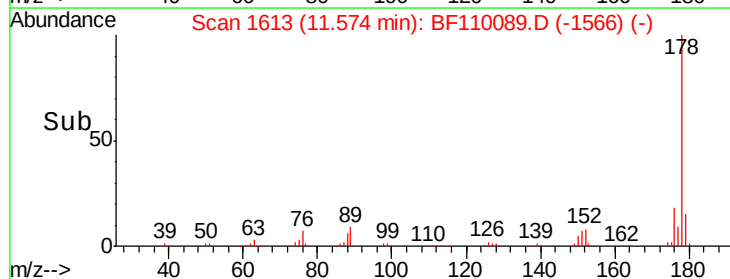
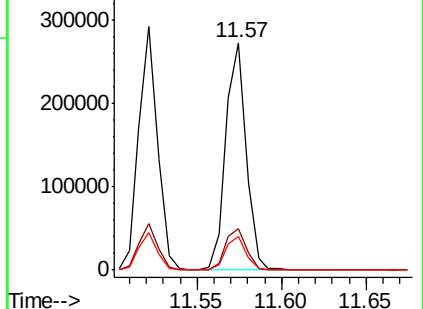
179 14.7 12.6 18.8

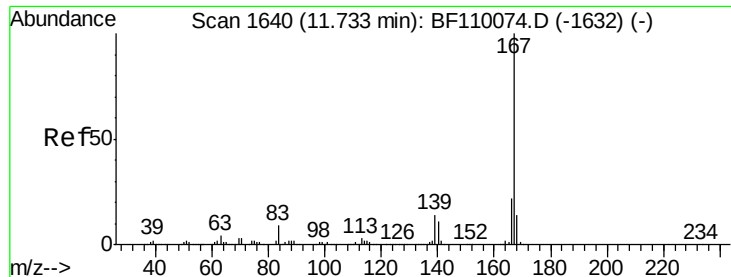


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

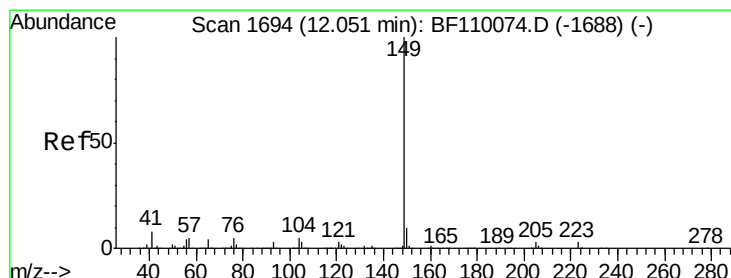
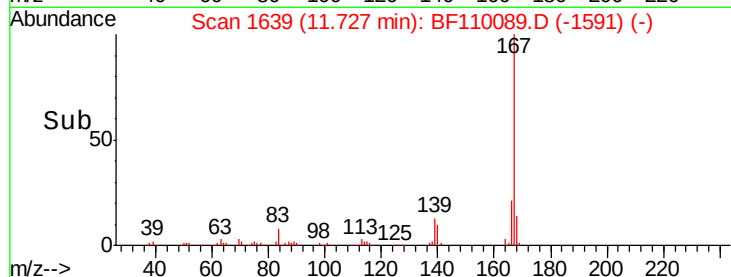
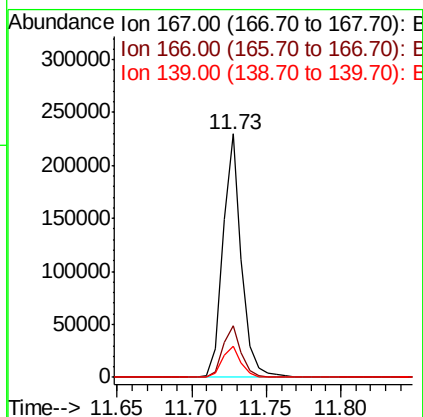
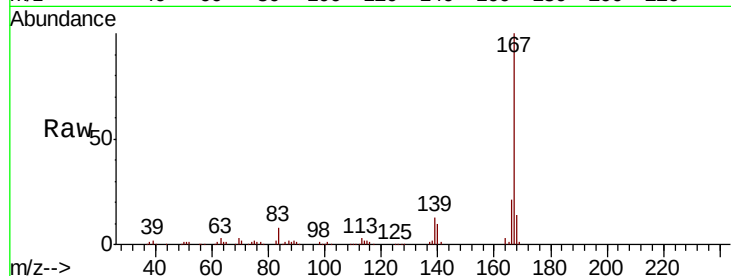




#73
 Carbazole
 Concen: 5.445 ng
 RT: 11.73 min Scan# 1639
 Delta R.T. -0.02 min
 Lab File: BF110089.D
 Acq: 23 Oct 2018 20:37

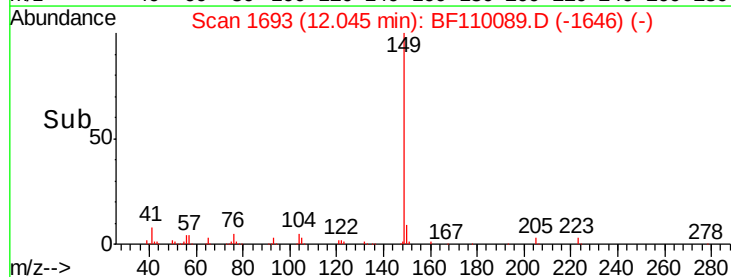
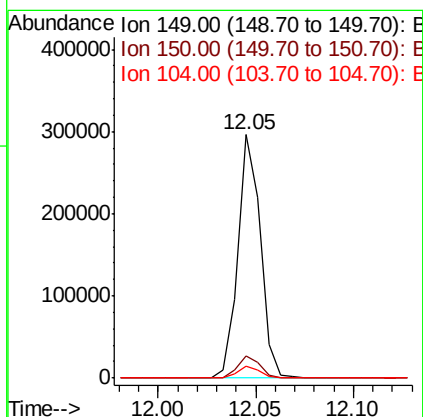
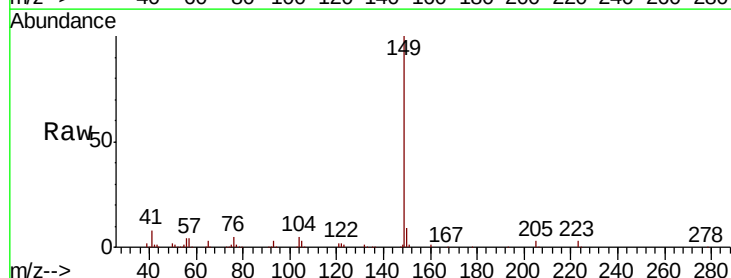
Instrument :
 BNA_F
 ClientSampleId :

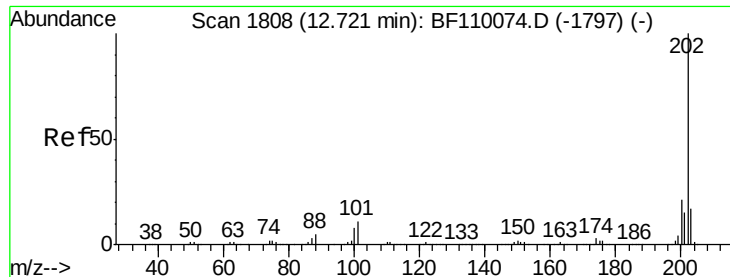
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.4	26.0
139	12.6	10.9	16.3



#74
 Di-n-butylphthalate
 Concen: 5.692 ng
 RT: 12.05 min Scan# 1693
 Delta R.T. -0.02 min
 Lab File: BF110089.D
 Acq: 23 Oct 2018 20:37

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.7	11.5
104	4.9	4.2	6.4

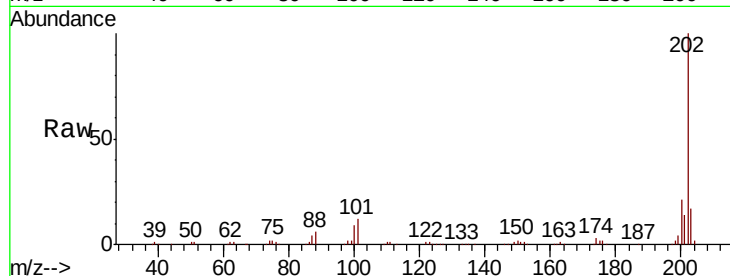




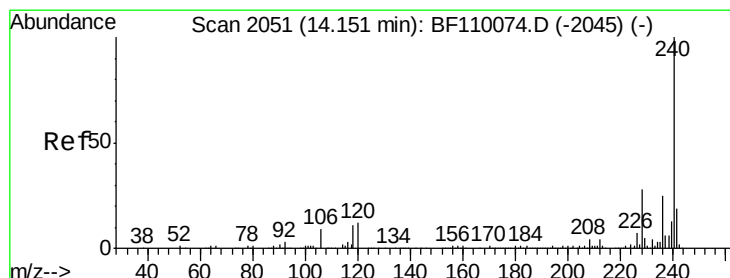
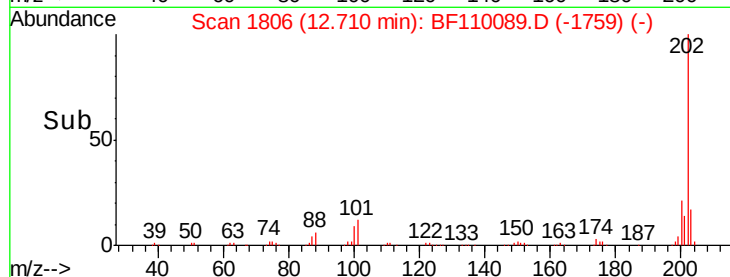
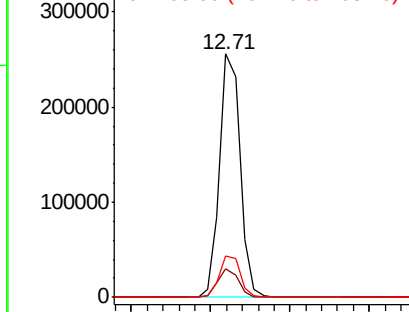
#75
Fluoranthene
Concen: 6.073 ng
RT: 12.71 min Scan# 1806
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	31.4
203	17.0	0.0	37.7

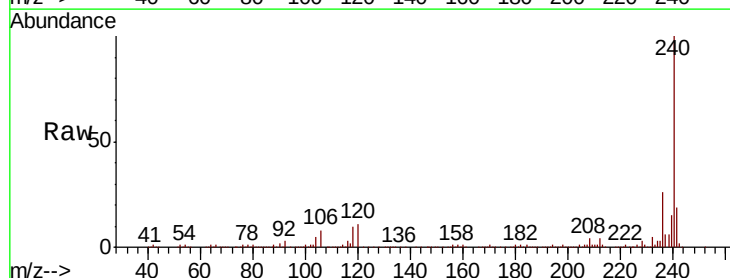


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

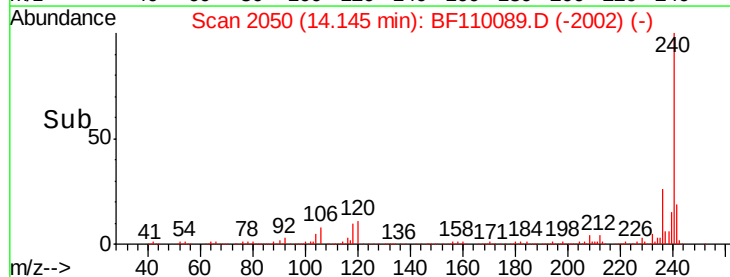
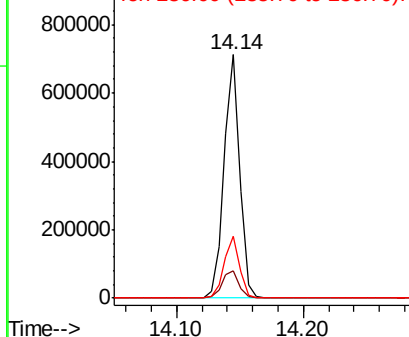


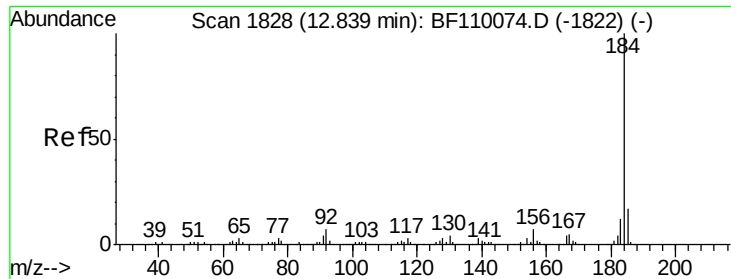
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.3	12.5
236	25.6	21.2	31.8



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

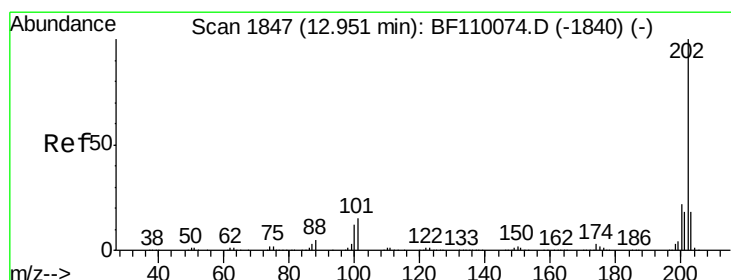
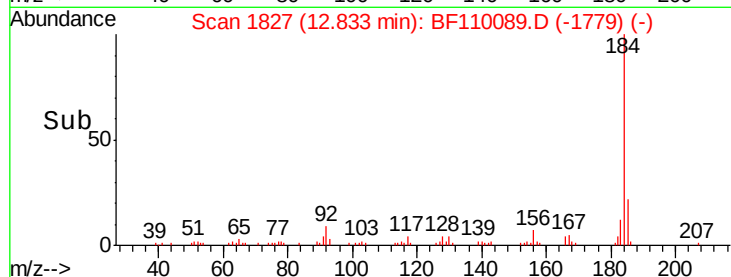
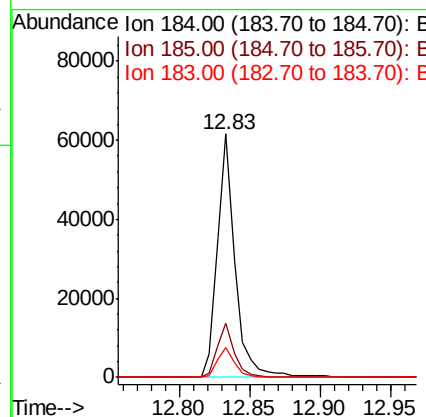
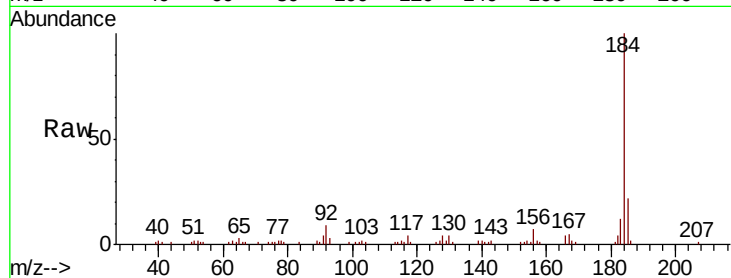




#77
Benzidine
Concen: 2.127 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

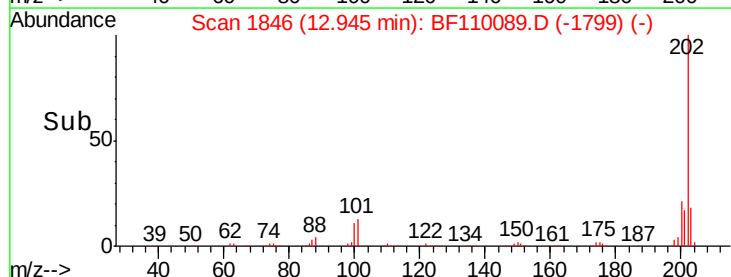
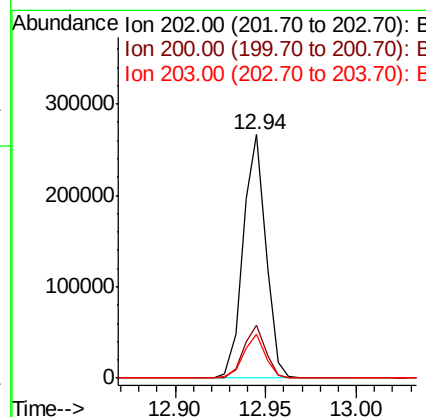
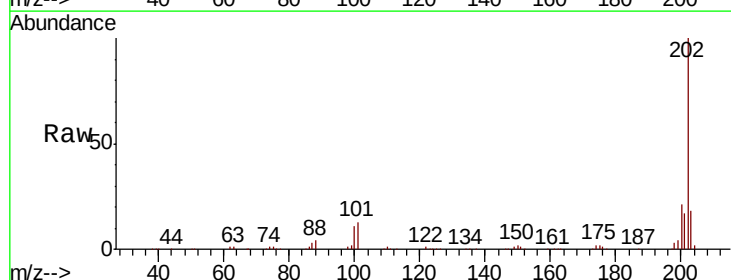
Instrument :
BNA_F
ClientSampleId :

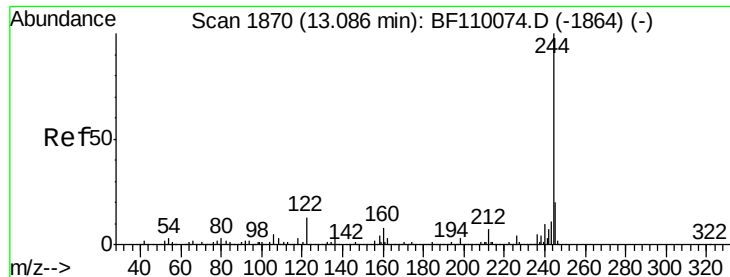
Tot Ion:184 Resp: 54039
Ion Ratio Lower Upper
184 100
185 22.3 13.4 20.2#
183 12.5 9.4 14.2



#78
Pyrene
Concen: 5.288 ng
RT: 12.94 min Scan# 1846
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Tgt Ion:202 Resp: 231606
Ion Ratio Lower Upper
202 100
200 21.5 17.8 26.6
203 17.9 14.2 21.4





#79

Terphenyl-d14

Concen: 68.039 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.02 min

Lab File: BF110089.D

Acq: 23 Oct 2018 20:37

Instrument :

BNA_F

ClientSampleId :

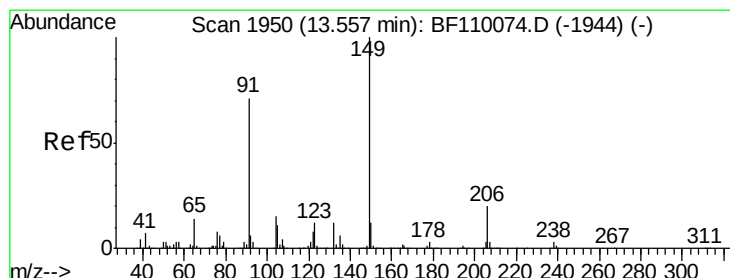
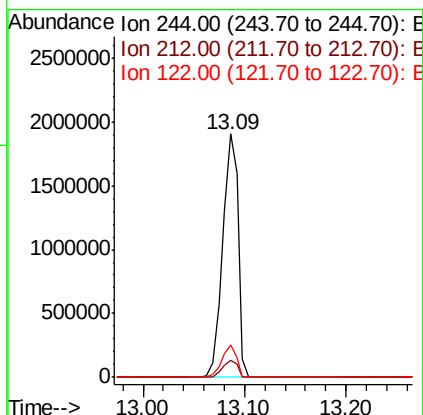
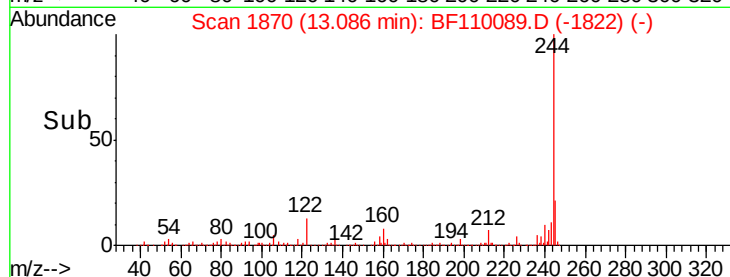
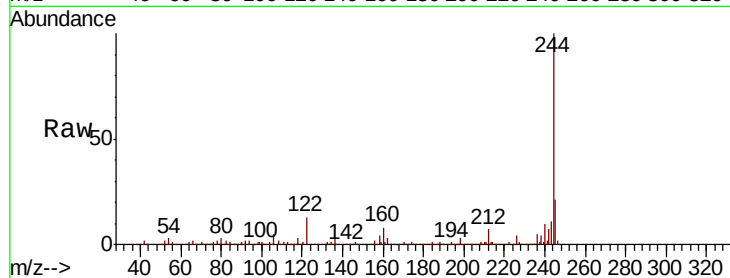
Tot Ion:244 Resp: 1998841

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

122 13.4 8.7 13.1#



#80

Butylbenzylphthalate

Concen: 5.024 ng

RT: 13.55 min Scan# 1949

Delta R.T. -0.02 min

Lab File: BF110089.D

Acq: 23 Oct 2018 20:37

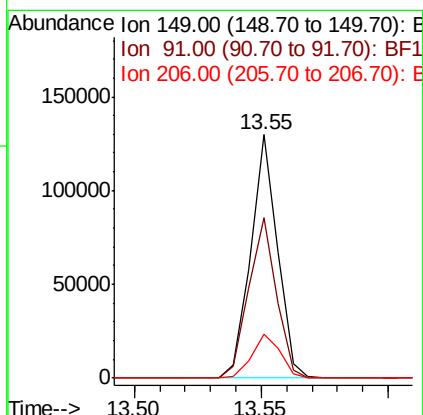
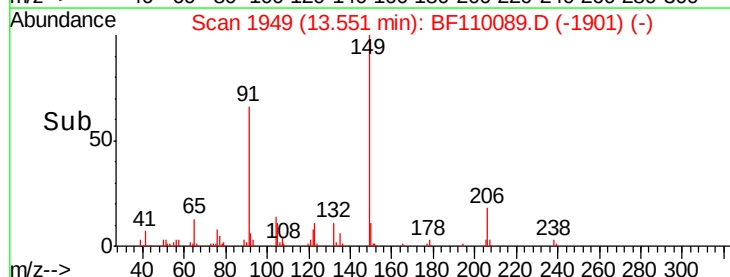
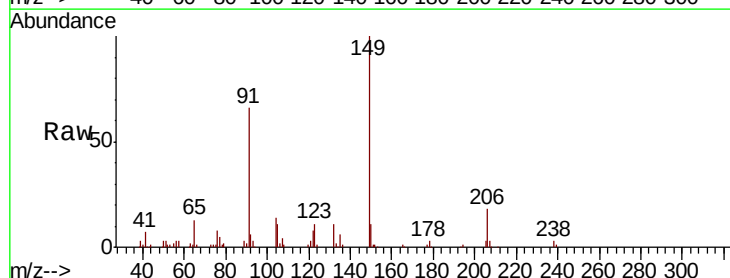
Tgt Ion:149 Resp: 95512

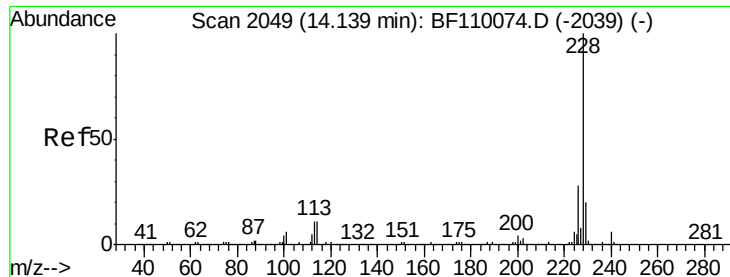
Ion Ratio Lower Upper

149 100

91 65.6 57.2 85.8

206 18.0 15.7 23.5





#81

Benzo(a)anthracene

Concen: 5.723 ng

RT: 14.13 min Scan# 2048

Delta R.T. -0.02 min

Lab File: BF110089.D

Acq: 23 Oct 2018 20:37

Instrument :

BNA_F

ClientSampleId :

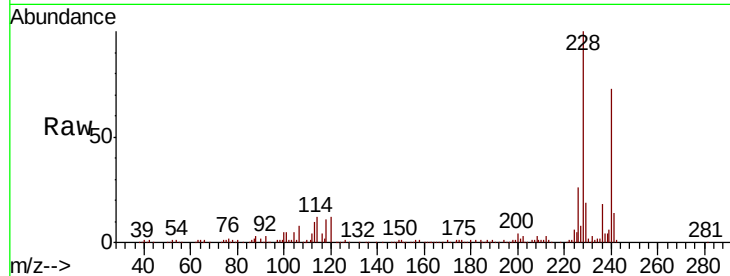
Tot Ion:228 Resp: 207350

Ion Ratio Lower Upper

228 100

226 26.0 22.1 33.1

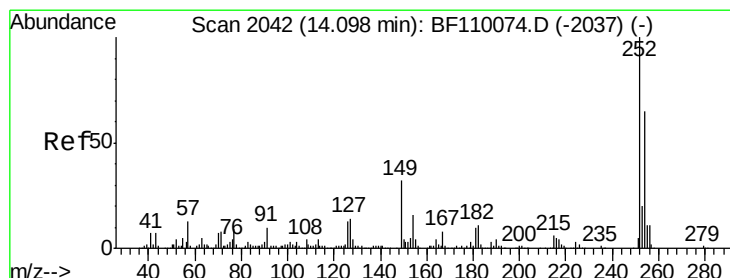
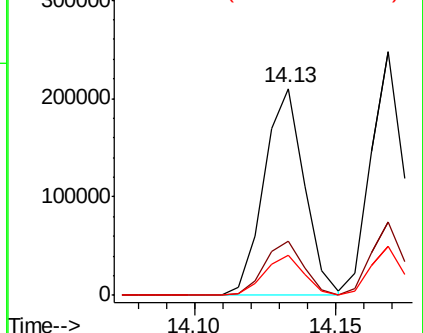
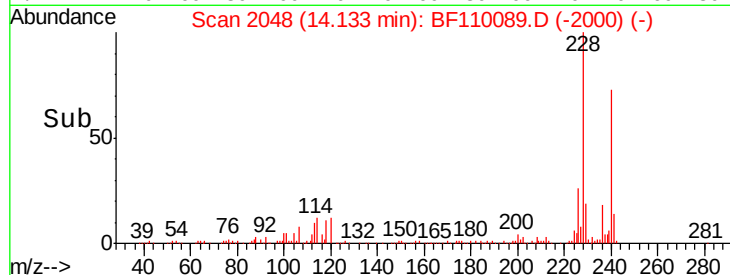
229 19.4 15.6 23.4



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: 3.905 ng

RT: 14.09 min Scan# 2041

Delta R.T. -0.02 min

Lab File: BF110089.D

Acq: 23 Oct 2018 20:37

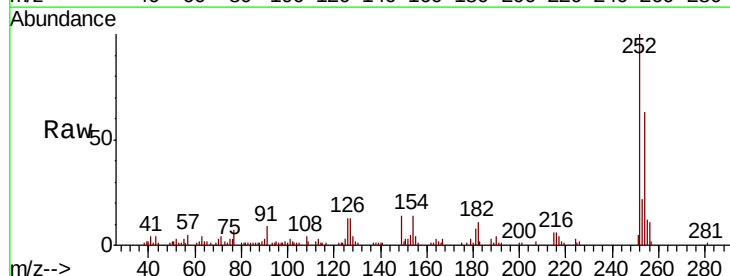
Tgt Ion:252 Resp: 49262

Ion Ratio Lower Upper

252 100

254 62.6 51.3 76.9

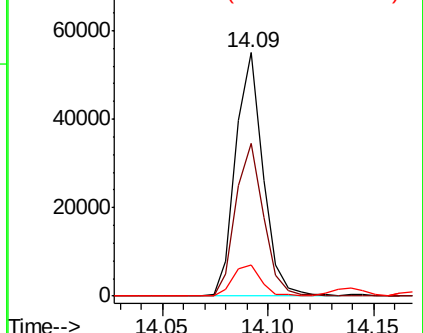
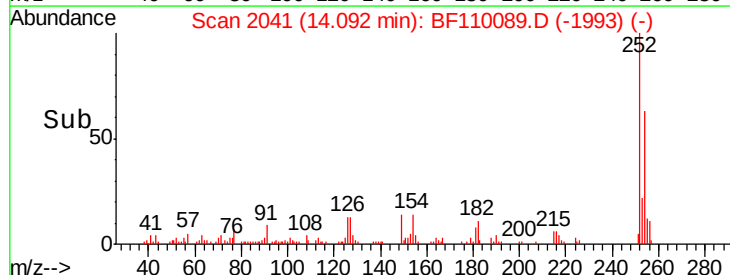
126 12.5 9.4 14.2

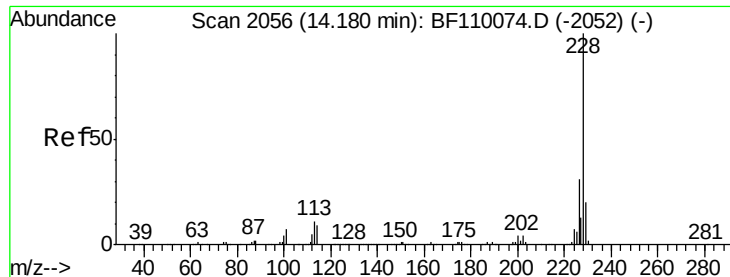


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

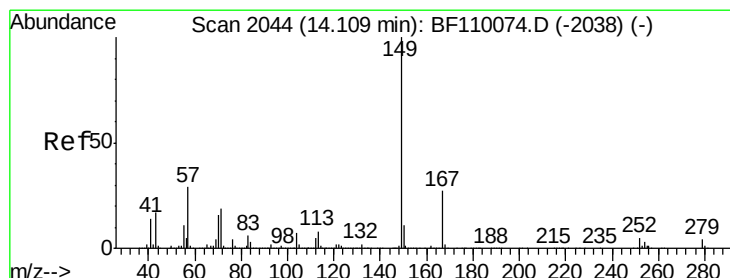
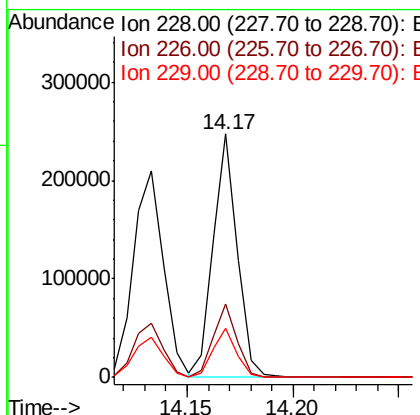
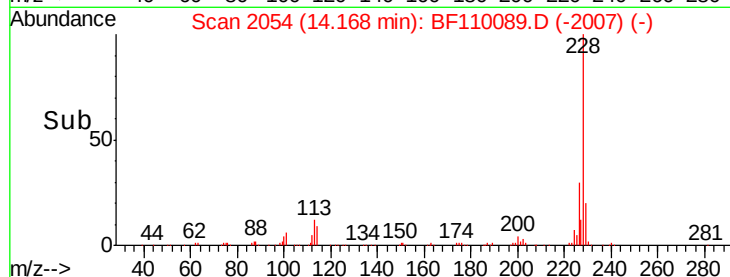
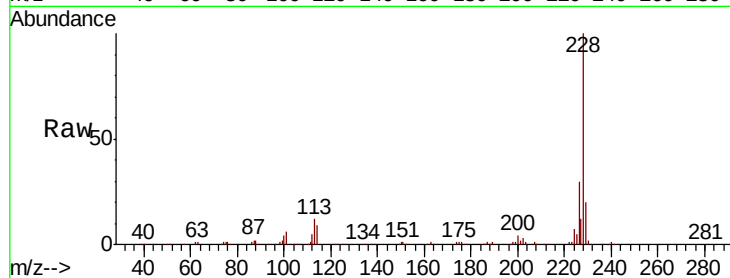




#83
Chrysene
Concen: 5.710 ng
RT: 14.17 min Scan# 2054
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

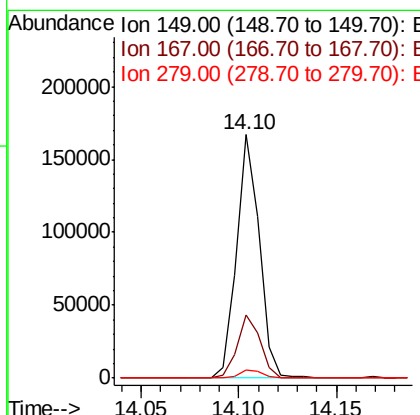
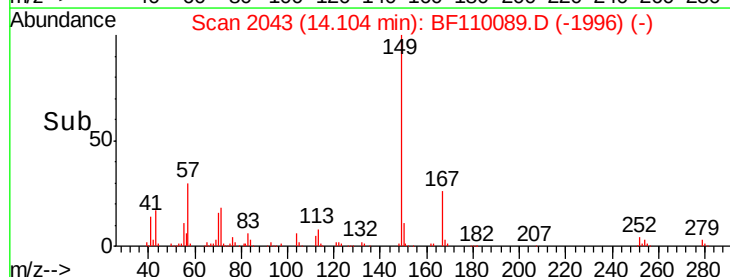
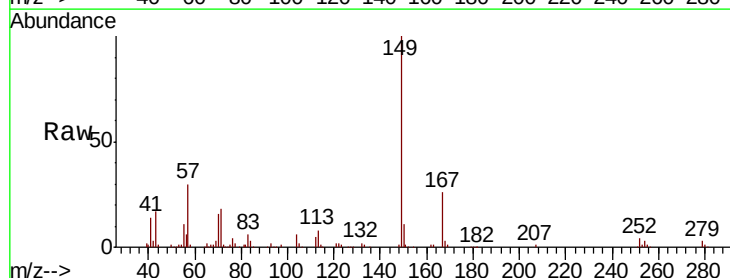
Instrument :
BNA_F
ClientSampleId :

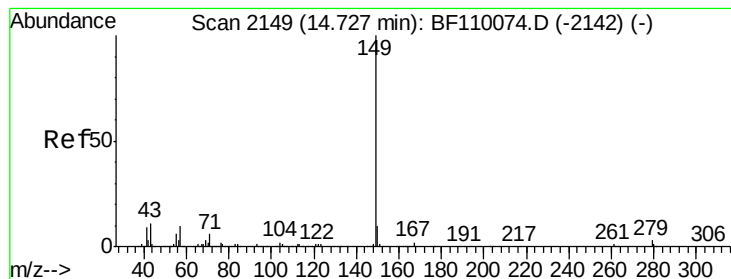
Tot Ion:228 Resp: 196510
Ion Ratio Lower Upper
228 100
226 30.1 24.7 37.1
229 19.9 15.9 23.9



#84
Bis(2-ethylhexyl)phthalate
Concen: 5.267 ng
RT: 14.10 min Scan# 2043
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Tgt Ion:149 Resp: 135349
Ion Ratio Lower Upper
149 100
167 25.9 19.8 29.8
279 3.1 2.7 4.1





#85

Di-n-octyl phthalate

Concen: 5.271 ng

RT: 14.72 min Scan# 2148

Delta R.T. -0.02 min

Lab File: BF110089.D

Acq: 23 Oct 2018 20:37

Instrument :

BNA_F

ClientSampleId :

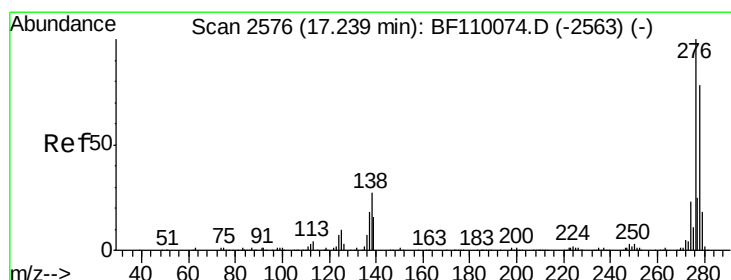
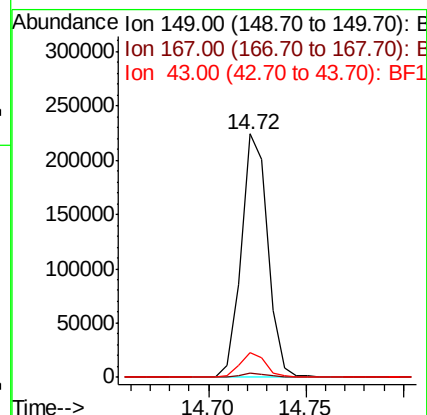
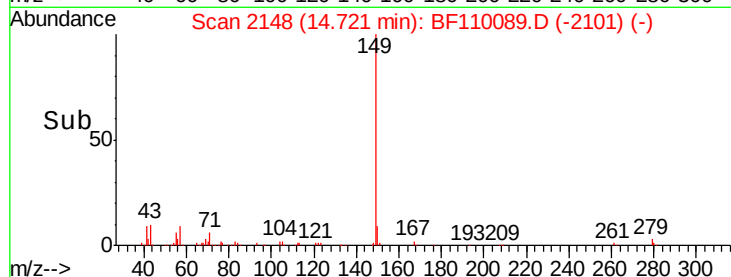
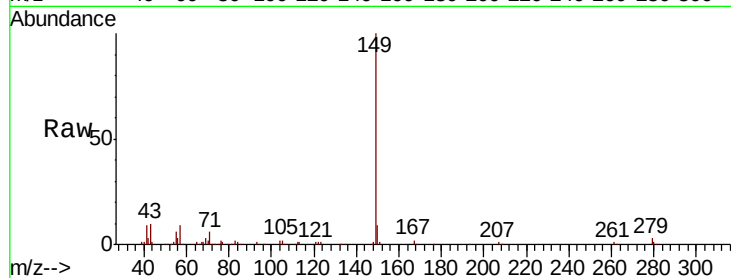
Tot Ion:149 Resp: 210625

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

43 10.2 7.8 11.8



#86

Indeno(1,2,3-cd)pyrene

Concen: 5.259 ng

RT: 17.22 min Scan# 2572

Delta R.T. -0.05 min

Lab File: BF110089.D

Acq: 23 Oct 2018 20:37

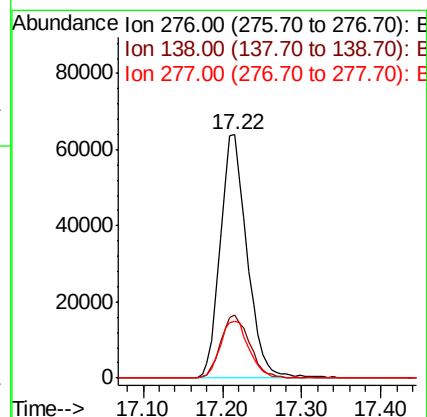
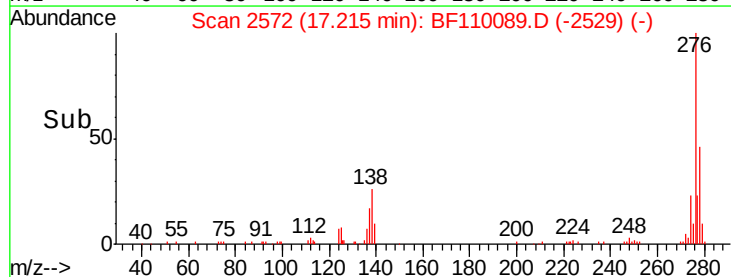
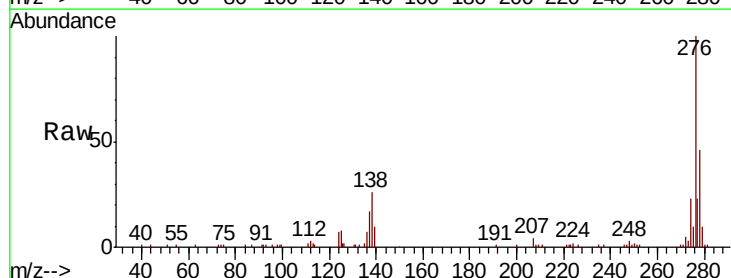
Tgt Ion:276 Resp: 150126

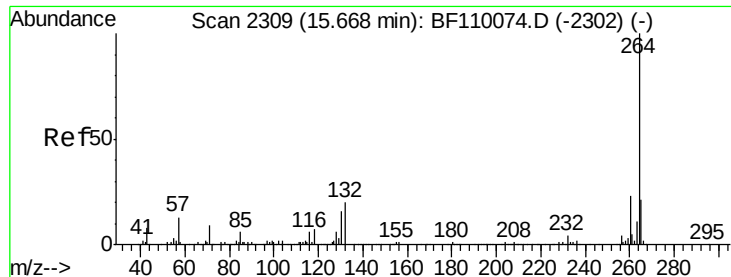
Ion Ratio Lower Upper

276 100

138 27.6 18.5 27.7

277 25.0 20.0 30.0

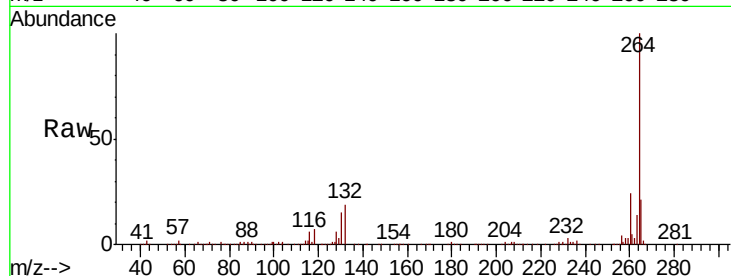




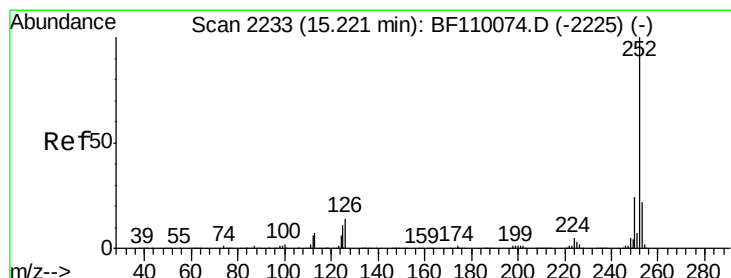
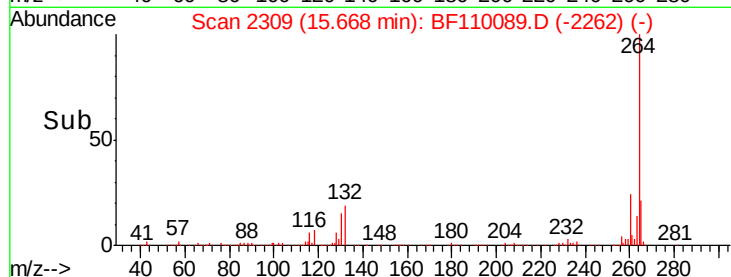
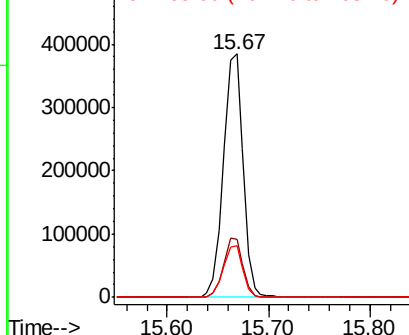
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 519471
Ion Ratio Lower Upper
264 100
260 23.6 18.7 28.1
265 21.1 16.7 25.1

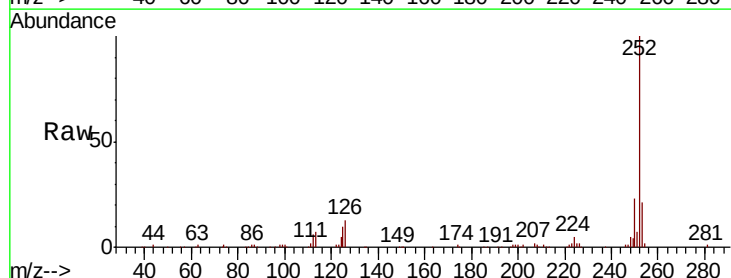


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

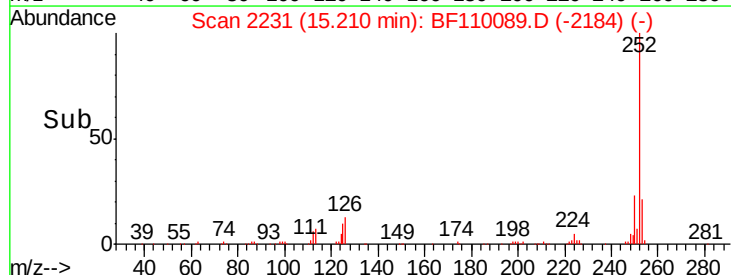
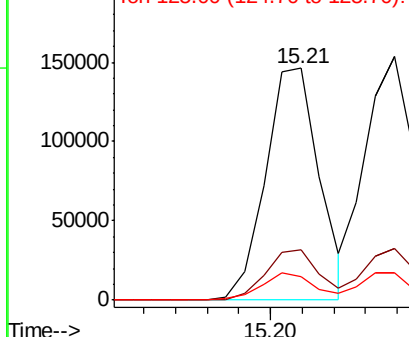


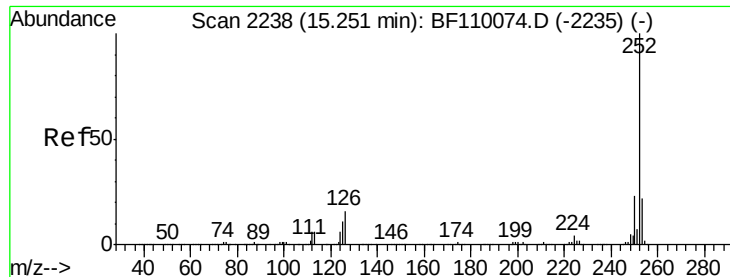
#88
Benzo(b)fluoranthene
Concen: 5.755 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Tgt Ion:252 Resp: 172641
Ion Ratio Lower Upper
252 100
253 21.5 17.2 25.8
125 10.1 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

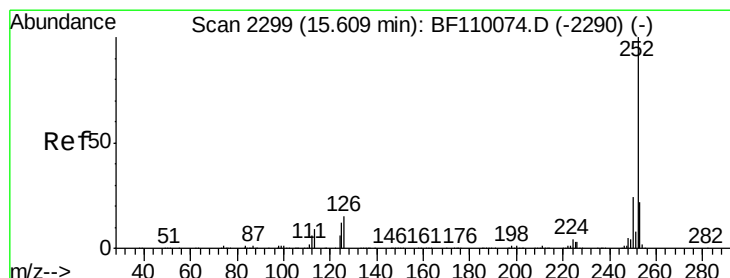
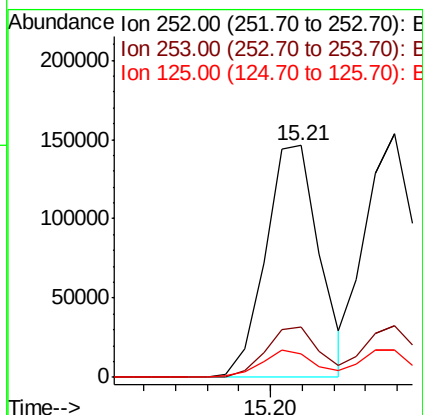
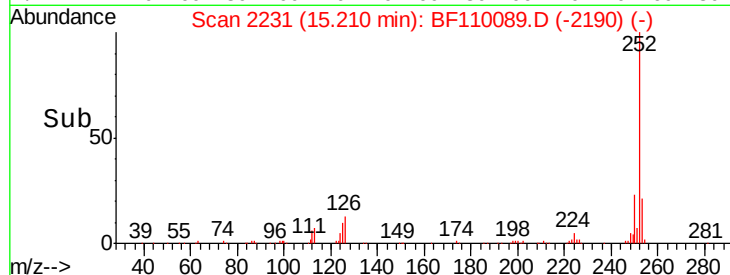
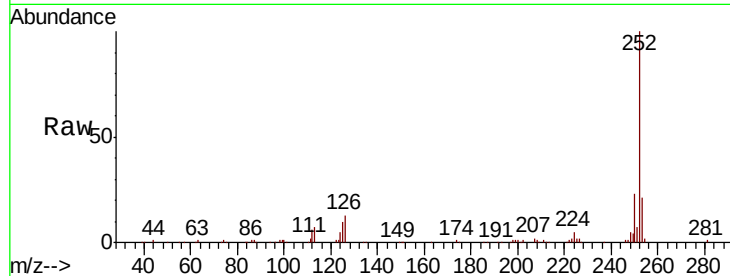




#89
Benzo(k)fluoranthene
Concen: 5.854 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.06 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

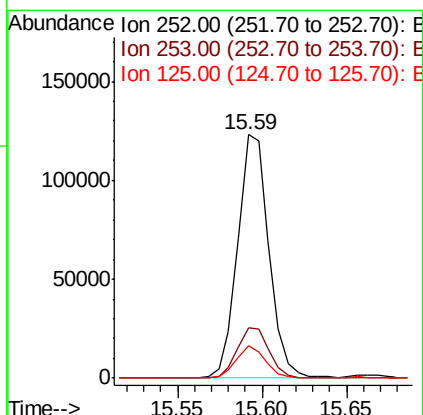
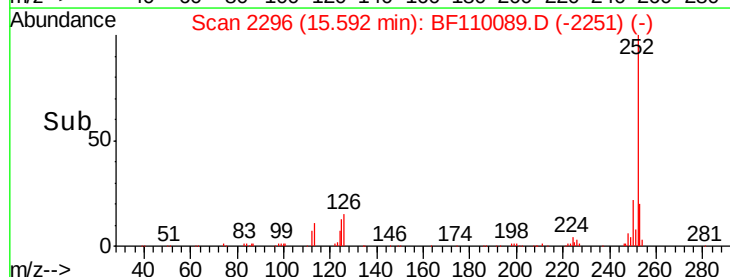
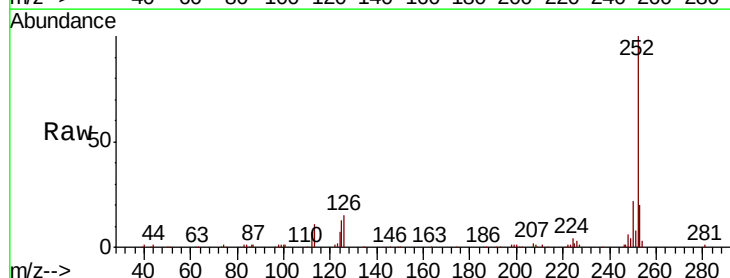
Instrument :
BNA_F
ClientSampleId :

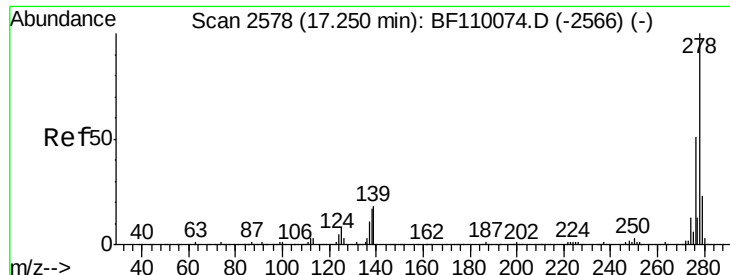
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.2	25.8
125	10.1	7.4	11.0



#90
Benzo(a)pyrene
Concen: 5.757 ng
RT: 15.59 min Scan# 2296
Delta R.T. -0.04 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.5	18.2	27.4
125	13.1	9.0	13.6



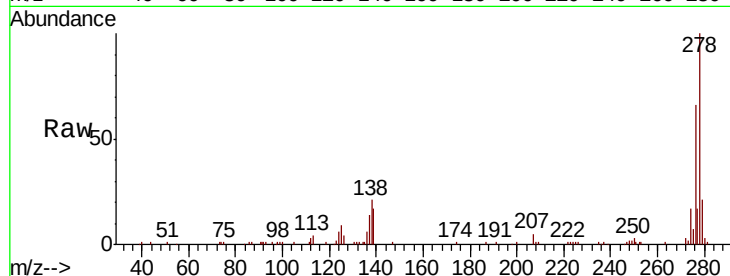


#91
Dibenzo(a,h)anthracene
Concen: 5.342 ng
RT: 17.23 min Scan# 2574
Delta R.T. -0.05 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

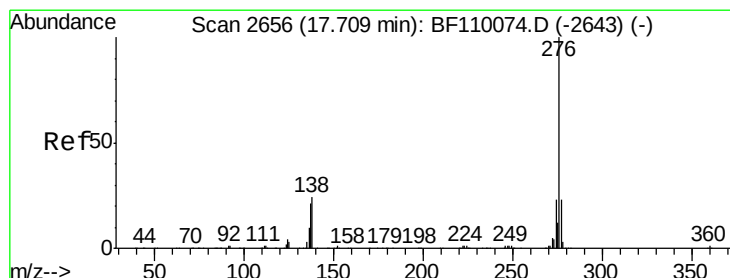
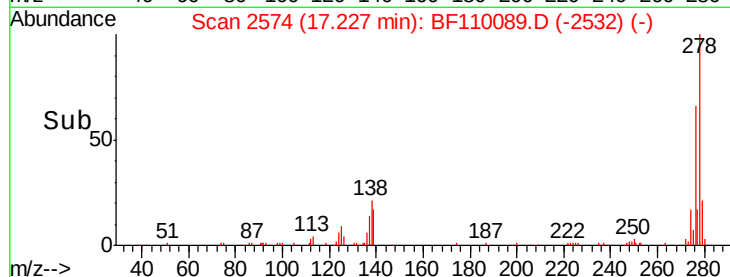
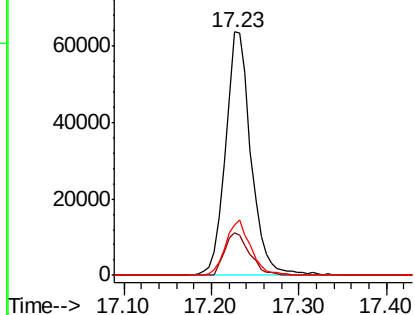
Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 127226

Ion	Ratio	Lower	Upper
278	100		
139	17.3	12.7	19.1
279	20.9	19.0	28.4



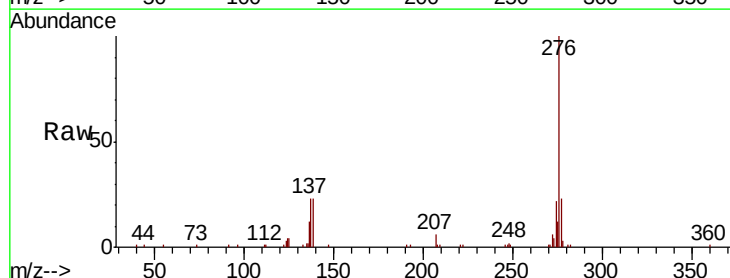
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 5.038 ng
RT: 17.69 min Scan# 2652
Delta R.T. -0.05 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Tgt Ion:276 Resp: 118239

Ion	Ratio	Lower	Upper
276	100		
277	22.6	18.8	28.2
138	23.1	16.0	24.0



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

