

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021918\
 Data File : BF103096.D
 Acq On : 19 Feb 2018 22:16
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 20 00:19:46 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 14:34:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	158362	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	650171	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	287140	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	457427	20.00	ng	0.00
75) Chrysene-d12	14.05	240	276187	20.00	ng	0.00
86) Perylene-d12	15.54	264	297511	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	807654	77.45	ng	0.00
7) Phenol-d6	6.51	99	962073	76.62	ng	0.00
23) Nitrobenzene-d5	7.45	82	865457	92.34	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	192280	83.20	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1346406	77.81	ng	0.00
78) Terphenyl-d14	12.99	244	913911	78.35	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.63	88	207204	40.23	ng	89
3) Pyridine	3.40	79	582621	40.94	ng	91
4) n-Nitrosodimethylamine	3.36	42	224315	36.84	ng	97
6) Aniline	6.55	93	699982	37.75	ng	99
8) 2-Chlorophenol	6.66	128	416198	38.77	ng	94
9) Benzaldehyde	6.43	77	306155	32.83	ng	98
10) Phenol	6.52	94	567631	42.19	ng	95
11) bis(2-Chloroethyl)ether	6.62	93	428543	38.27	ng	94
12) 1,3-Dichlorobenzene	6.82	146	480831	38.68	ng	97
13) 1,4-Dichlorobenzene	6.89	146	477281	38.54	ng	98
14) 1,2-Dichlorobenzene	7.05	146	438544	38.02	ng	98
15) Benzyl Alcohol	7.02	79	377245	39.08	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.15	45	753708	35.44	ng	100
17) 2-Methylphenol	7.13	107	377365	38.11	ng	99
18) Hexachloroethane	7.39	117	174644	41.13	ng	93
19) n-Nitroso-di-n-propylamine	7.29	70	290915	35.14	ng	96
20) 3+4-Methylphenols	7.29	107	435869	35.69	ng	# 64
22) Acetophenone	7.29	105	571007	35.89	ng	# 88
24) Nitrobenzene	7.46	77	476962	43.26	ng	99
25) Isophorone	7.70	82	830061	38.46	ng	98
26) 2-Nitrophenol	7.77	139	241136	52.29	ng	95
27) 2,4-Dimethylphenol	7.81	122	334624	36.70	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	504190	39.44	ng	99
29) 2,4-Dichlorophenol	8.02	162	338157	40.80	ng	97
30) 1,2,4-Trichlorobenzene	8.10	180	361214	38.52	ng	100
31) Naphthalene	8.19	128	1207048	38.00	ng	100
32) Benzoic acid	7.93	122	208891	36.45	ng	96
33) 4-Chloroaniline	8.23	127	534724	39.07	ng	99
34) Hexachlorobutadiene	8.29	225	187843	39.09	ng	97
35) Caprolactam	8.61	113	116248	40.38	ng	# 78
36) 4-Chloro-3-methylphenol	8.71	107	373612	40.12	ng	98
37) 2-Methylnaphthalene	8.87	142	784902	37.74	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	318260	40.71	ng	99
40) Hexachlorocyclopentadiene	9.02	237	50298	13.53	ng	97

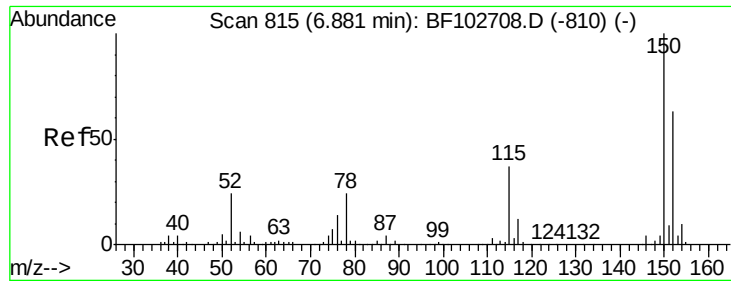
Data Path : Z:\HPCHEM1\BNA F\DATA\BF021918\
 Data File : BF103096.D
 Acq On : 19 Feb 2018 22:16
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 20 00:19:46 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 14:34:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	216862	42.23	nq	98
43) 2,4,5-Trichlorophenol	9.19	196	239873	41.44	nq	96
45) 1,1'-Biphenyl	9.34	154	937570	38.77	nq	99
46) 2-Chloronaphthalene	9.36	162	747172	39.24	nq	99
47) 2-Nitroaniline	9.46	65	278062	47.38	nq	95
48) Acenaphthylene	9.78	152	1123178	37.98	nq	99
49) Dimethylphthalate	9.63	163	901758	40.28	nq	100
50) 2,6-Dinitrotoluene	9.70	165	193327	45.39	nq	96
51) Acenaphthene	9.95	154	662935	37.49	nq	99
52) 3-Nitroaniline	9.87	138	238805	45.56	nq	96
53) 2,4-Dinitrophenol	9.98	184	38219	41.70	nq	# 22
54) Dibenzofuran	10.12	168	947697	38.02	nq	97
55) 4-Nitrophenol	10.03	139	140582	35.02	nq	92
56) 2,4-Dinitrotoluene	10.11	165	250320	44.09	nq	94
57) Fluorene	10.47	166	724674	39.96	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.24	232	161016	40.14	nq	100
59) Diethylphthalate	10.33	149	864499	39.11	nq	99
60) 4-Chlorophenyl-phenylether	10.46	204	330046	41.14	nq	96
61) 4-Nitroaniline	10.49	138	231828	46.47	nq	94
62) Azobenzene	10.62	77	833930	37.76	nq	97
64) 4,6-Dinitro-2-methylphenol	10.52	198	86235	46.02	nq	92
65) n-Nitrosodiphenylamine	10.57	169	665404	41.24	nq	99
66) 4-Bromophenyl-phenylether	10.95	248	199488	41.23	nq	96
67) Hexachlorobenzene	11.02	284	206792	38.74	nq	95
68) Atrazine	11.10	200	195004	40.97	nq	99
69) Pentachlorophenol	11.21	266	117648	37.54	nq	99
70) Phenanthrene	11.43	178	963000	37.80	nq	98
71) Anthracene	11.48	178	998747	38.55	nq	100
72) Carbazole	11.64	167	945245	37.24	nq	99
73) Di-n-butylphthalate	11.96	149	1290336	41.85	nq	100
74) Fluoranthene	12.62	202	835487	32.60	nq	100
76) Benzidine	12.74	184	384765	30.31	nq	99
77) Pyrene	12.85	202	836036	38.60	nq	99
79) Butylbenzylphthalate	13.46	149	451163	43.65	nq	99
80) Benzo(a)anthracene	14.04	228	662536	38.14	nq	100
81) 3,3'-Dichlorobenzidine	14.00	252	252777	39.25	nq	98
82) Chrysene	14.08	228	654867	37.40	nq	98
83) Bis(2-ethylhexyl)phthalate	14.01	149	638373	48.12	nq	# 98
84) Di-n-octyl phthalate	14.63	149	968555	48.62	nq	99
85) Indeno(1,2,3-cd)pyrene	17.06	276	655924	45.17	nq	98
87) Benzo(b)fluoranthene	15.10	252	662949	34.37	nq	98
88) Benzo(k)fluoranthene	15.13	252	700189	37.99	nq	100
89) Benzo(a)pyrene	15.48	252	658464	37.93	nq	98
90) Dibenzo(a,h)anthracene	17.07	278	559524	39.70	nq	98
91) Benzo(g,h,i)perylene	17.52	276	528827	38.34	nq	98

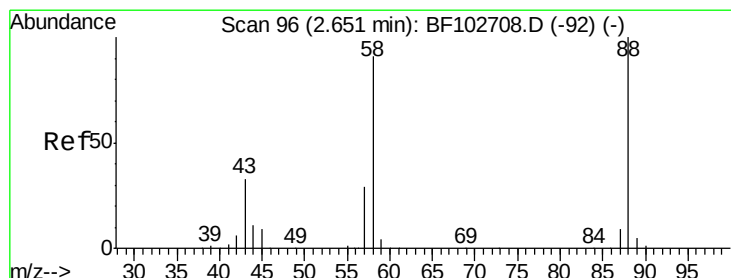
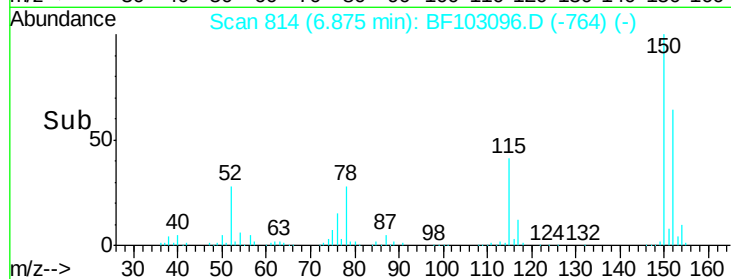
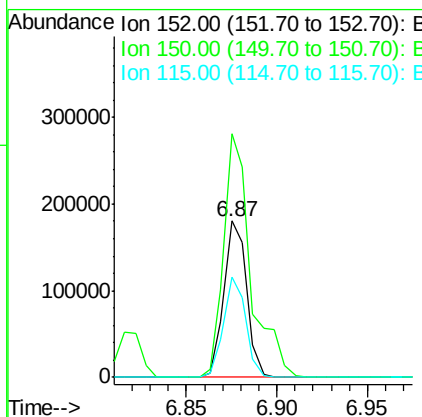
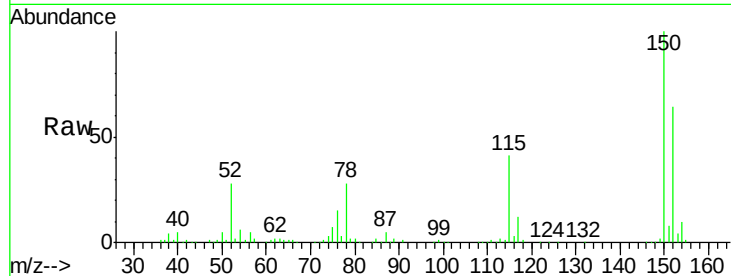
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF103096.D
 Acq: 19 Feb 2018 22:16

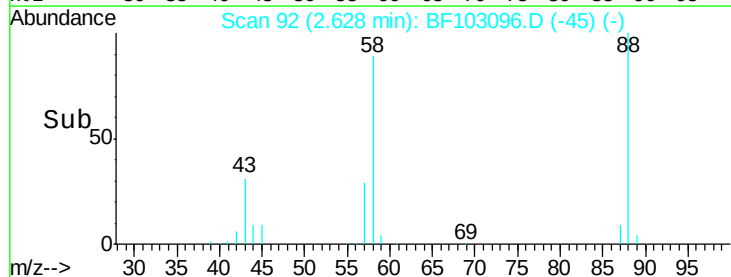
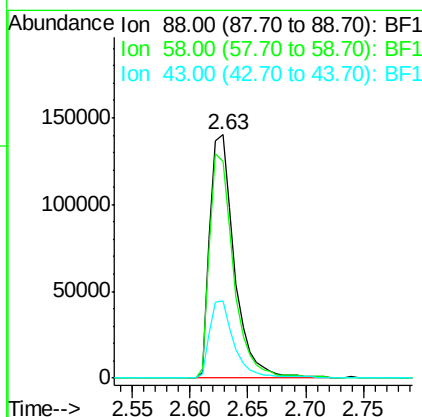
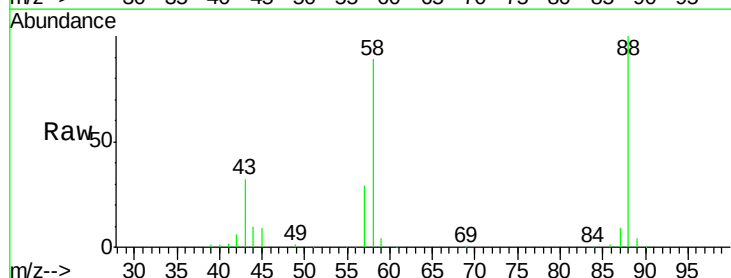
Instrument :
 BNA_F
 ClientSampleId :

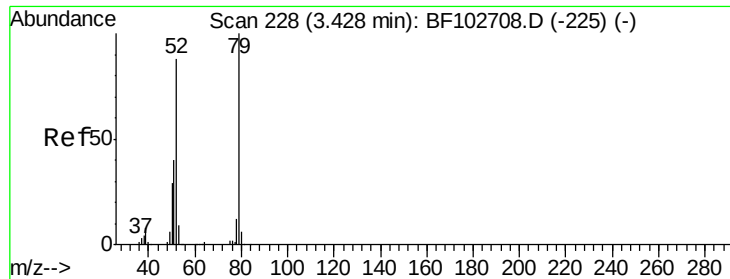
Tot Ion:152 Resp: 158362
 Ion Ratio Lower Upper
 152 100
 150 155.8 124.6 186.8
 115 63.9 50.1 75.1



#2
 1,4-Dioxane
 Concen: 40.23 ng
 RT: 2.63 min Scan# 92
 Delta R.T. -0.02 min
 Lab File: BF103096.D
 Acq: 19 Feb 2018 22:16

Tgt Ion: 88 Resp: 207204
 Ion Ratio Lower Upper
 88 100
 58 90.7 62.6 93.8
 43 31.9 24.6 37.0





#3

Pvridine

Concen: 40.94 ng

RT: 3.40 min Scan# 224

Delta R.T. -0.02 min

Lab File: BF103096.D

Acq: 19 Feb 2018 22:16

Instrument :

BNA_F

ClientSampleId :

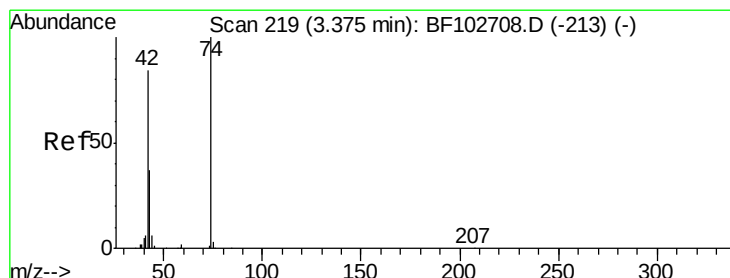
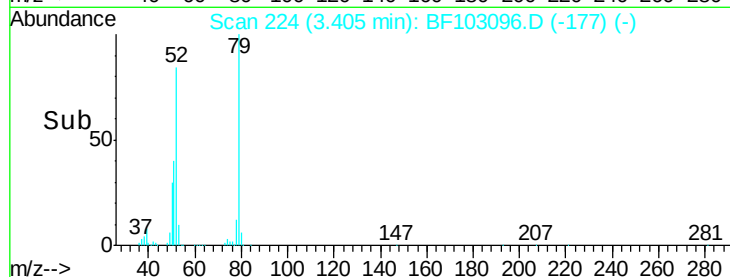
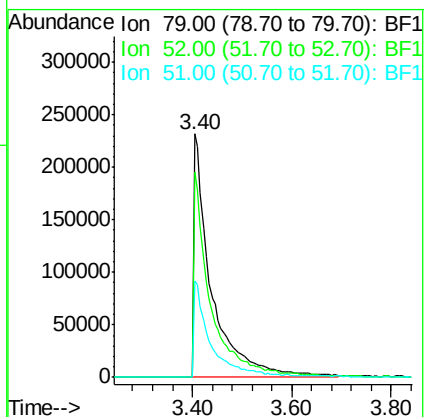
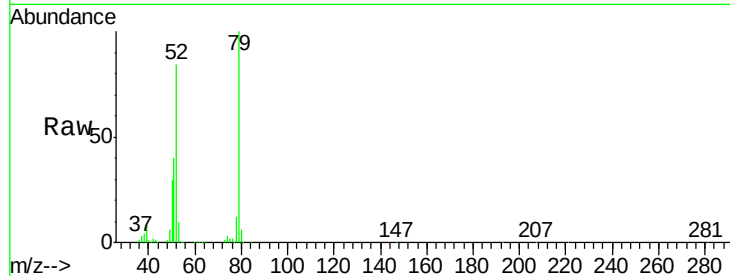
Tot Ion: 79 Resp: 582621

Ion Ratio Lower Upper

79 100

52 84.0 59.8 89.6

51 39.9 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 36.84 ng

RT: 3.36 min Scan# 217

Delta R.T. -0.02 min

Lab File: BF103096.D

Acq: 19 Feb 2018 22:16

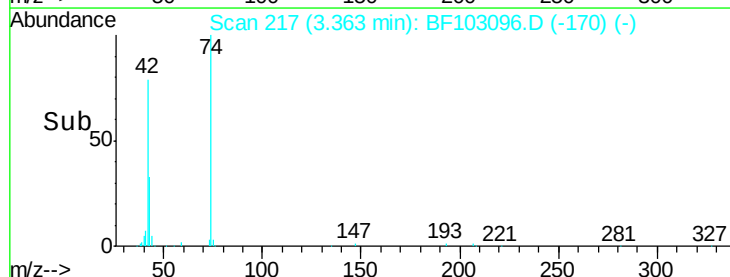
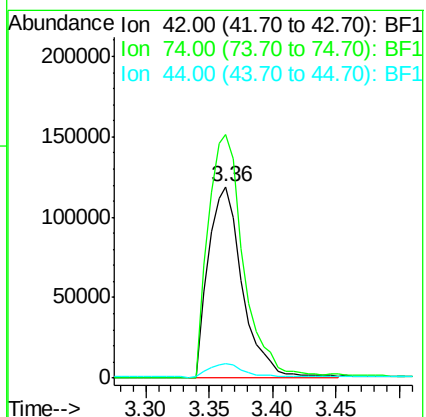
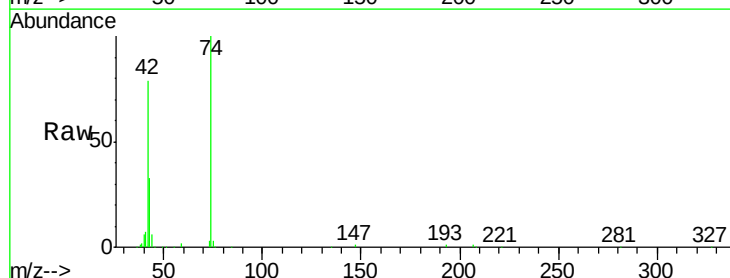
Tgt Ion: 42 Resp: 224315

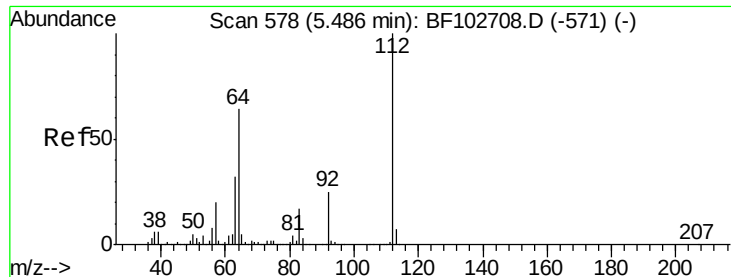
Ion Ratio Lower Upper

42 100

74 127.3 104.9 157.3

44 7.3 6.9 10.3





#5

2-Fluorophenol

Concen: 77.45 ng

RT: 5.49 min Scan# 579

Delta R.T. 0.00 min

Lab File: BF103096.D

Acq: 19 Feb 2018 22:16

Instrument :

BNA_F

ClientSampleId :

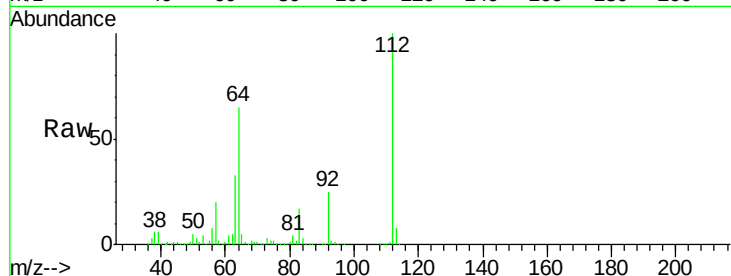
Tot Ion:112 Resp: 807654

Ion Ratio Lower Upper

112 100

64 65.3 47.9 71.9

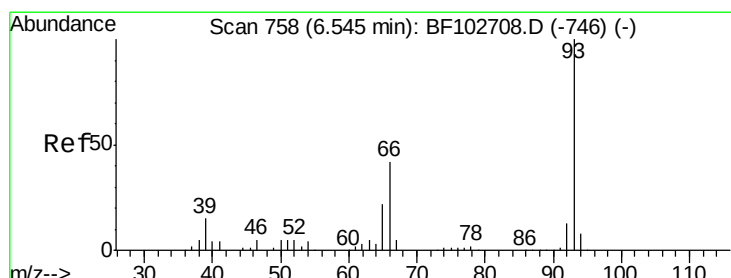
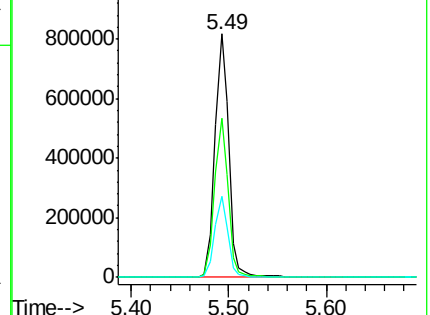
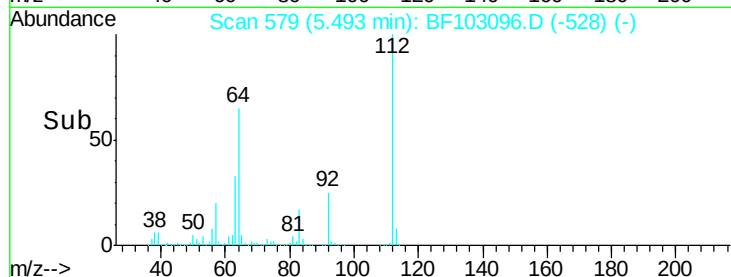
63 33.3 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 37.75 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF103096.D

Acq: 19 Feb 2018 22:16

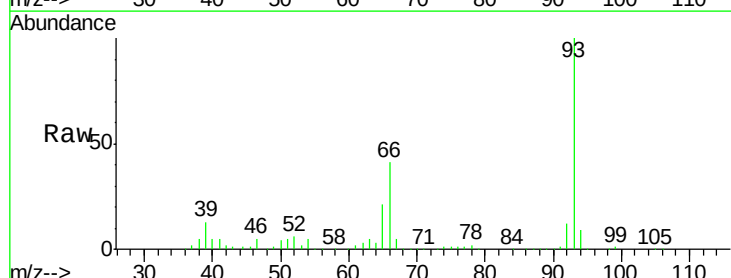
Tgt Ion: 93 Resp: 699982

Ion Ratio Lower Upper

93 100

66 41.1 32.2 48.2

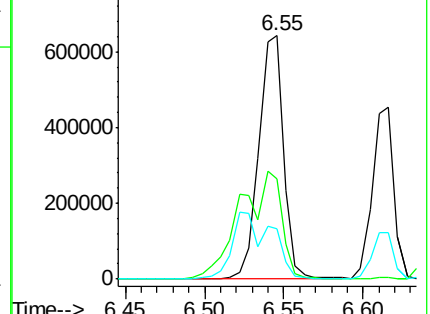
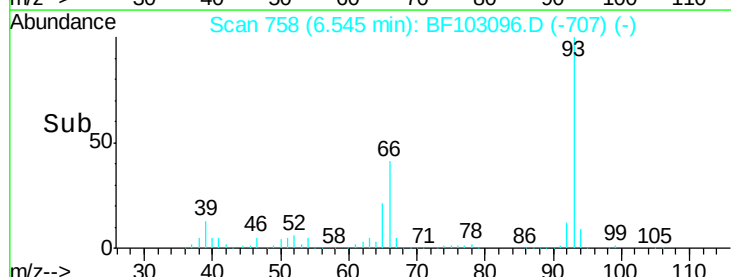
65 20.9 16.4 24.6

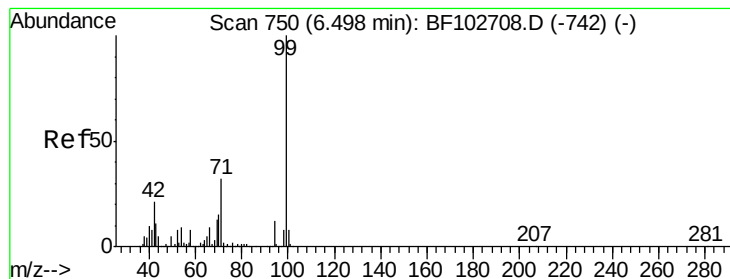


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 76.62 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF103096.D

Acq: 19 Feb 2018 22:16

Instrument :

BNA_F

ClientSampleId :

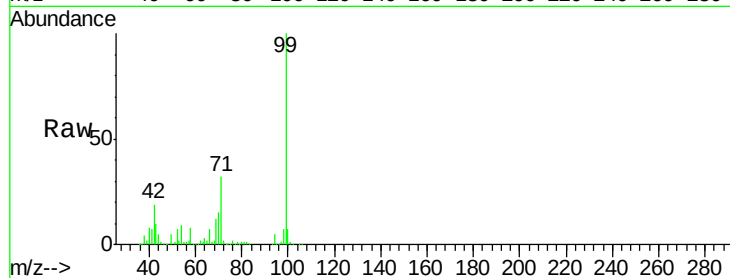
Tot Ion: 99 Resp: 962073

Ion Ratio Lower Upper

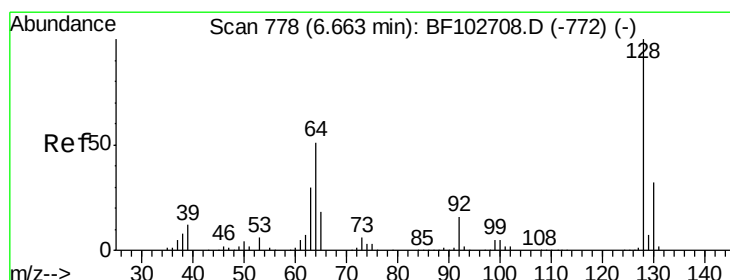
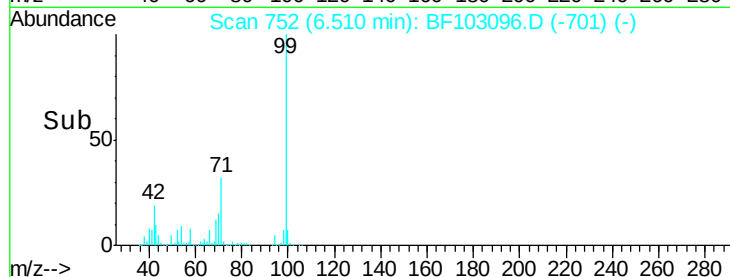
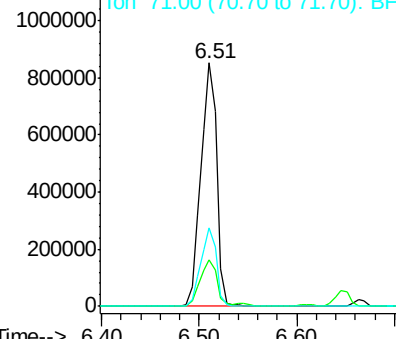
99 100

42 19.3 14.5 21.7

71 32.2 25.4 38.0



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: 38.77 ng

RT: 6.66 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF103096.D

Acq: 19 Feb 2018 22:16

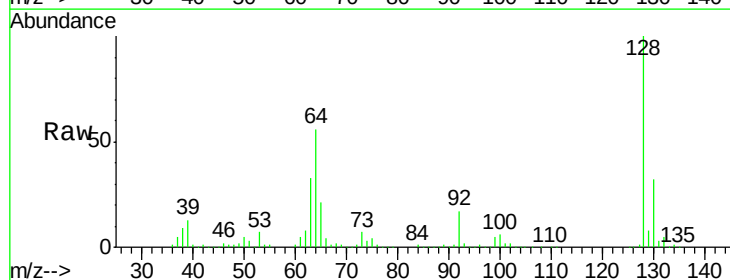
Tgt Ion: 128 Resp: 416198

Ion Ratio Lower Upper

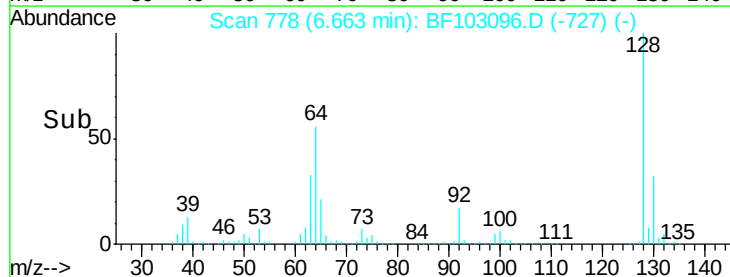
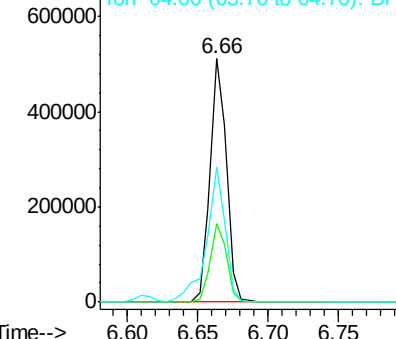
128 100

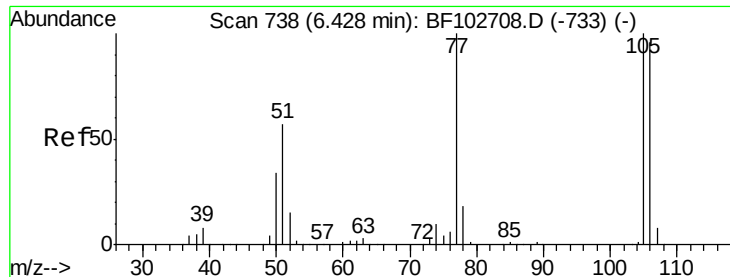
130 32.4 13.0 53.0

64 55.6 29.4 69.4



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: 32.83 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF103096.D

Acq: 19 Feb 2018 22:16

Instrument :

BNA_F

ClientSampled :

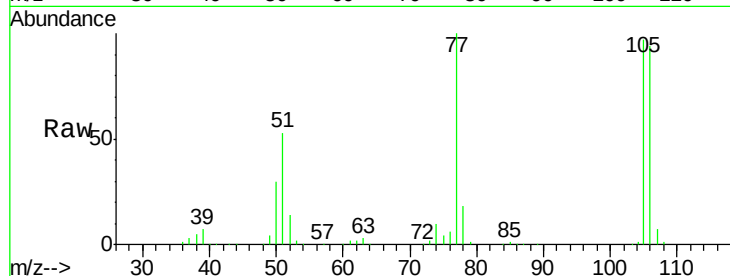
Tot Ion: 77 Resp: 306155

Ion Ratio Lower Upper

77 100

105 97.1 81.1 121.1

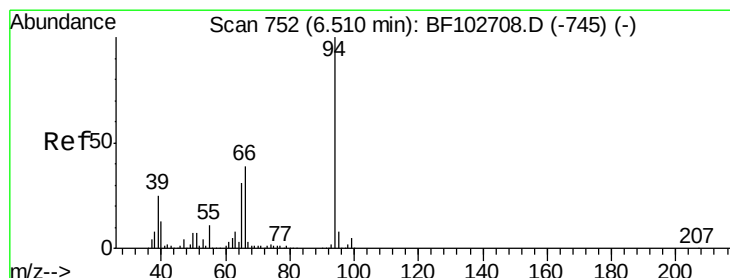
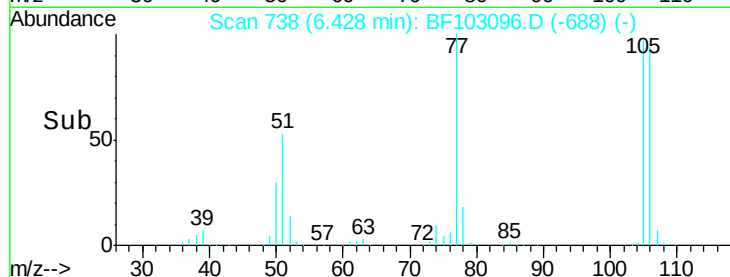
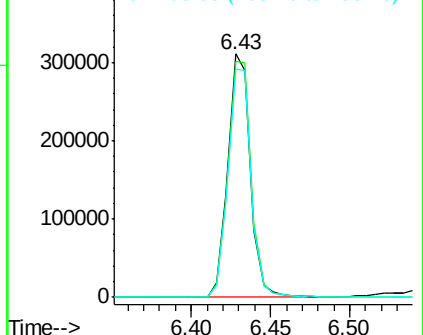
106 93.7 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 42.19 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF103096.D

Acq: 19 Feb 2018 22:16

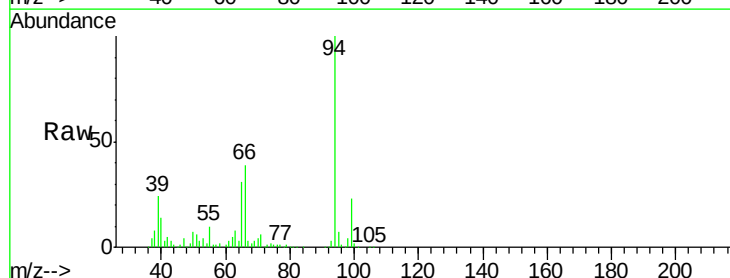
Tgt Ion: 94 Resp: 567631

Ion Ratio Lower Upper

94 100

65 30.9 7.9 47.9

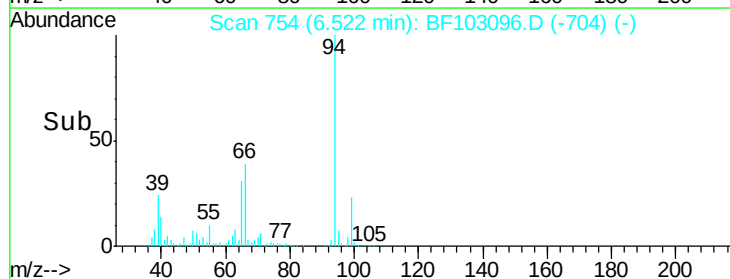
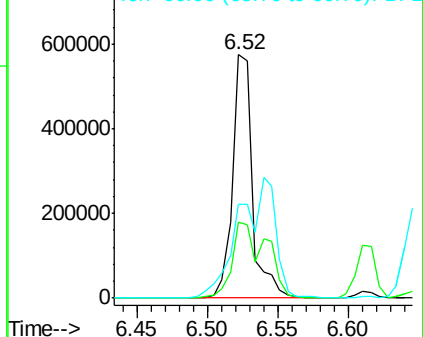
66 38.7 16.2 56.2

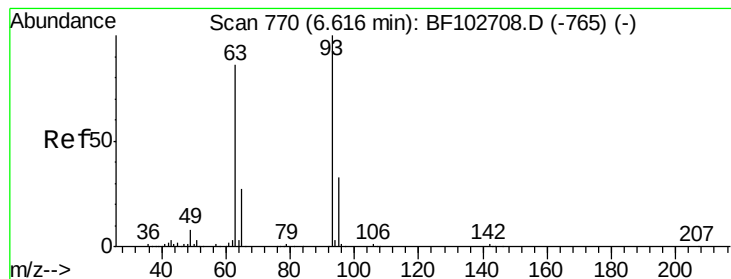


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

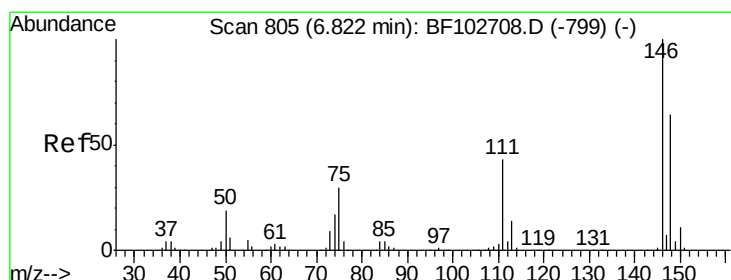
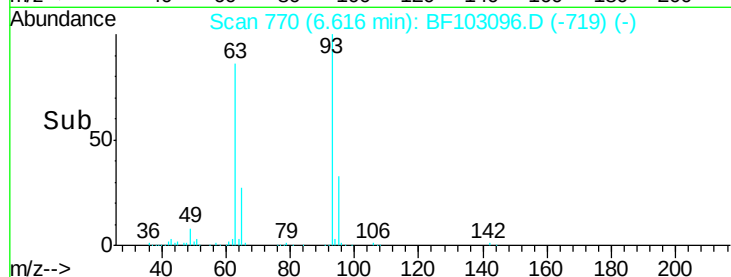
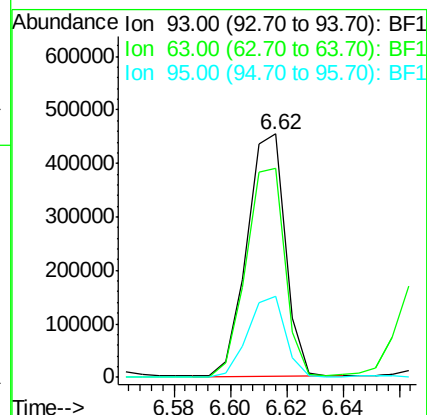
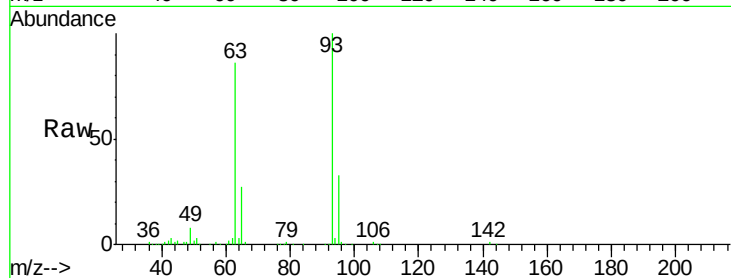




#11
 bis(2-Chloroethyl)ether
 Concen: 38.27 ng
 RT: 6.62 min Scan# 770
 Delta R.T. 0.00 min
 Lab File: BF103096.D
 Acq: 19 Feb 2018 22:16

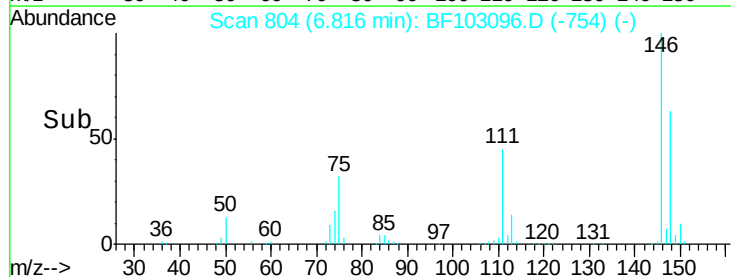
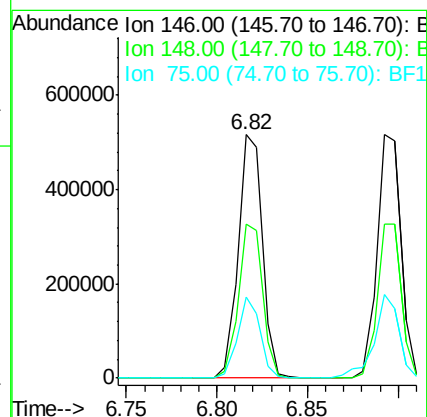
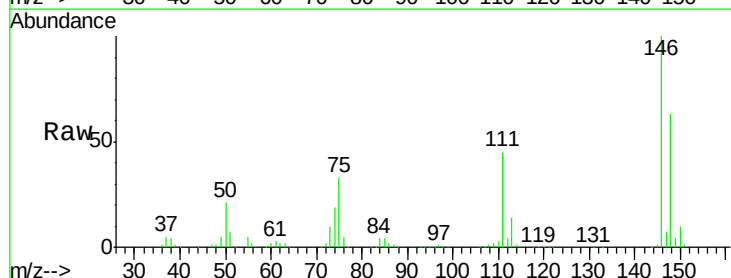
Instrument :
 BNA_F
 ClientSampleId :

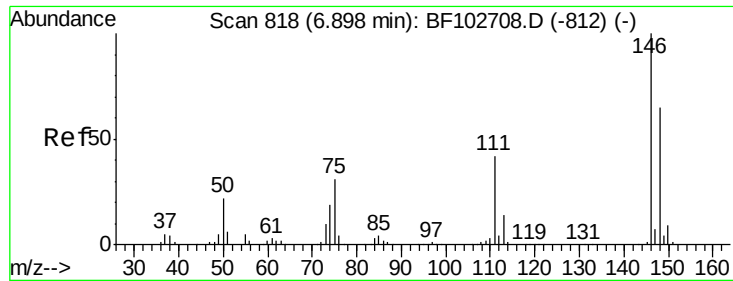
Tot Ion	Ratio	Lower	Upper
93	100		
63	85.7	58.6	98.6
95	33.1	11.8	51.8



#12
 1,3-Dichlorobenzene
 Concen: 38.68 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF103096.D
 Acq: 19 Feb 2018 22:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.8	77.8
75	33.3	24.2	36.4

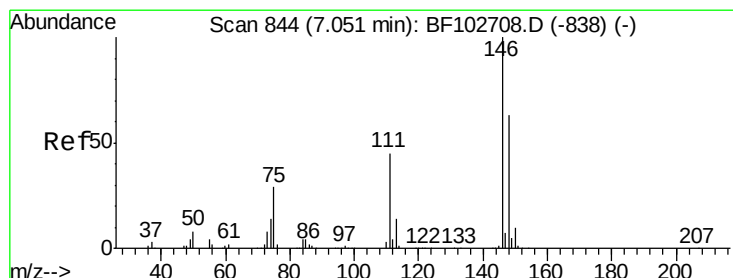
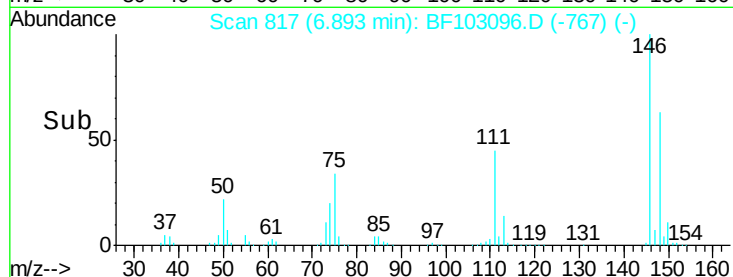
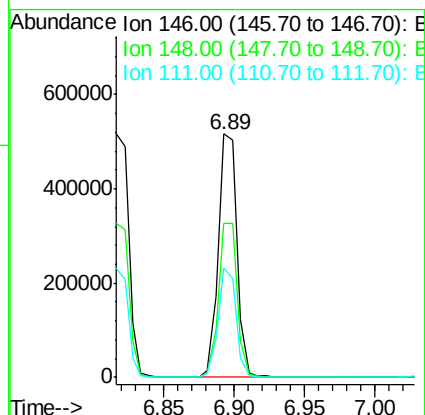
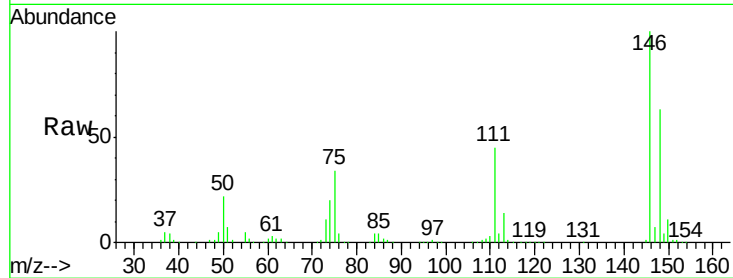




#13
1,4-Dichlorobenzene
Concen: 38.54 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF103096.D
Acq: 19 Feb 2018 22:16

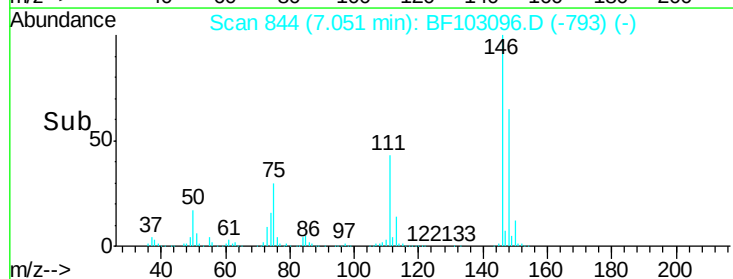
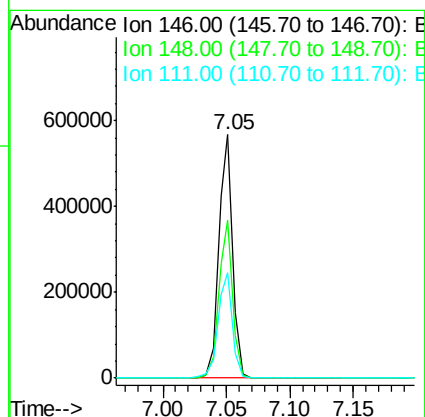
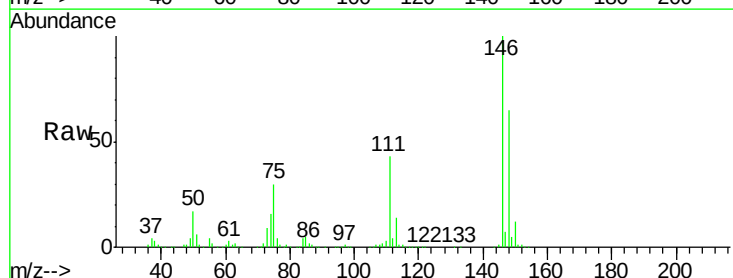
Instrument :
BNA_F
ClientSampleId :

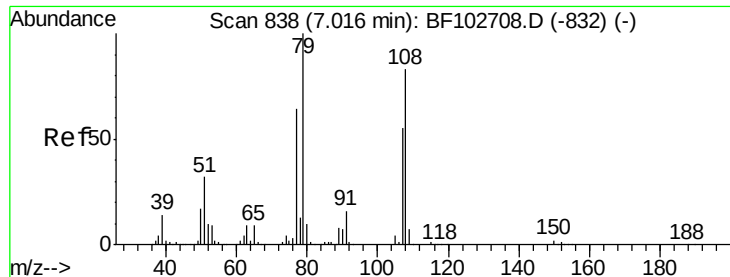
Tot Ion:146 Resp: 477281
Ion Ratio Lower Upper
146 100
148 63.2 50.8 76.2
111 44.8 34.2 51.2



#14
1,2-Dichlorobenzene
Concen: 38.02 ng
RT: 7.05 min Scan# 844
Delta R.T. 0.00 min
Lab File: BF103096.D
Acq: 19 Feb 2018 22:16

Tgt Ion:146 Resp: 438544
Ion Ratio Lower Upper
146 100
148 64.8 50.6 75.8
111 43.3 36.0 54.0





#15

Benzyl Alcohol

Concen: 39.08 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF103096.D

Acq: 19 Feb 2018 22:16

Instrument :

BNA_F

ClientSampleId :

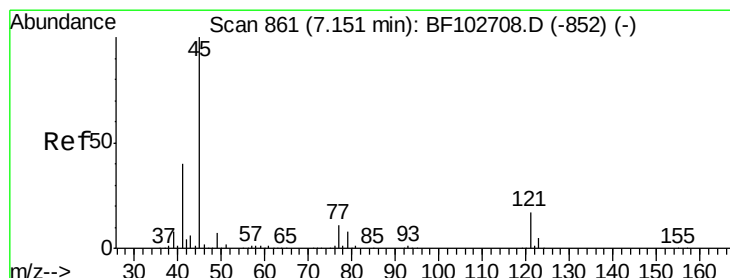
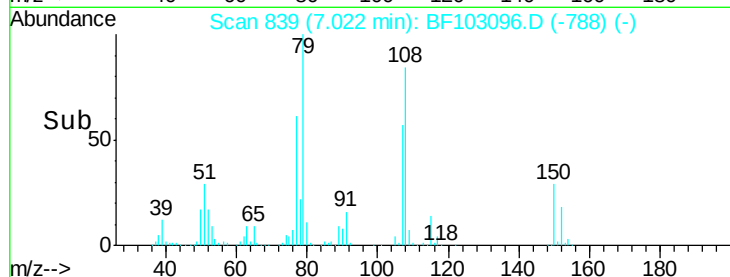
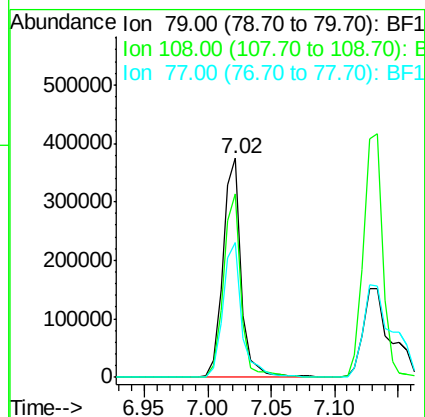
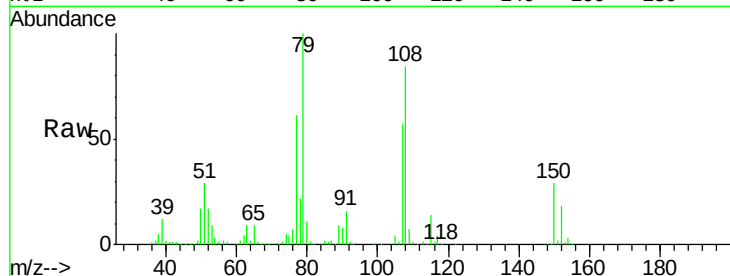
Tot Ion: 79 Resp: 377245

Ion Ratio Lower Upper

79 100

108 84.0 65.1 97.7

77 61.3 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.44 ng

RT: 7.15 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF103096.D

Acq: 19 Feb 2018 22:16

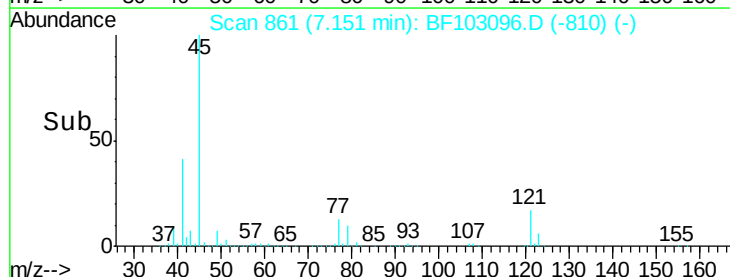
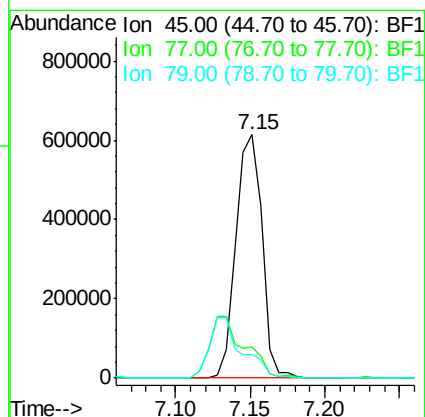
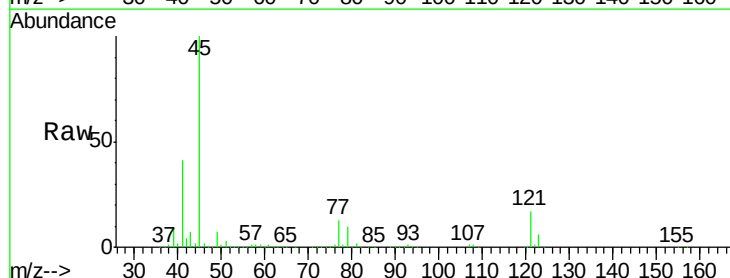
Tgt Ion: 45 Resp: 753708

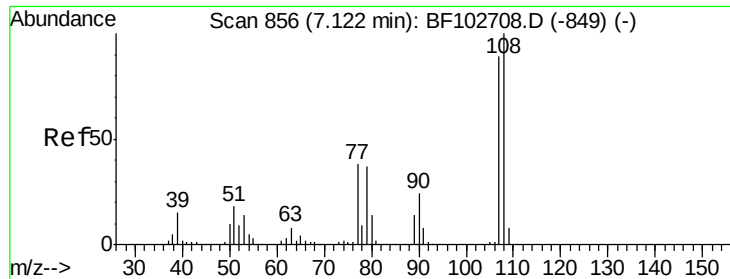
Ion Ratio Lower Upper

45 100

77 12.7 0.0 32.9

79 9.7 0.0 29.6

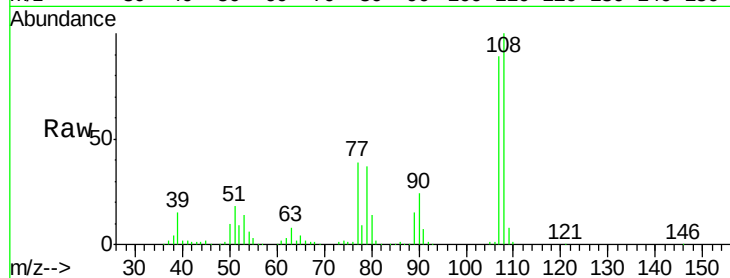




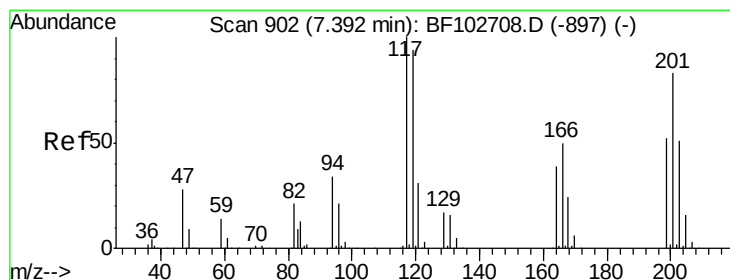
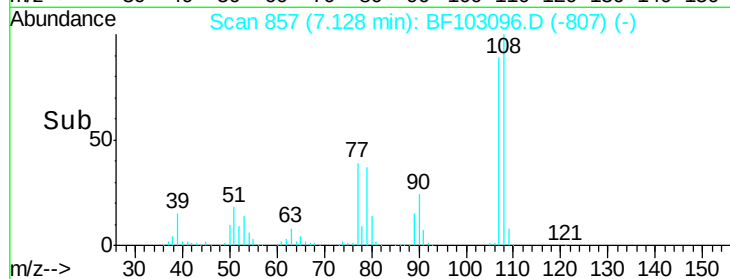
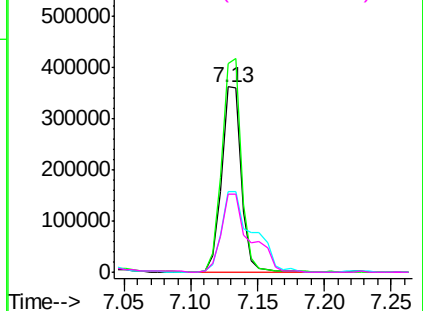
#17
2-Methylphenol
Concen: 38.11 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF103096.D
Acq: 19 Feb 2018 22:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	377365
Ion	Ratio	Lower	Upper
107	100		
108	112.8	91.7	137.5
77	43.6	33.8	50.8
79	41.9	33.8	50.8

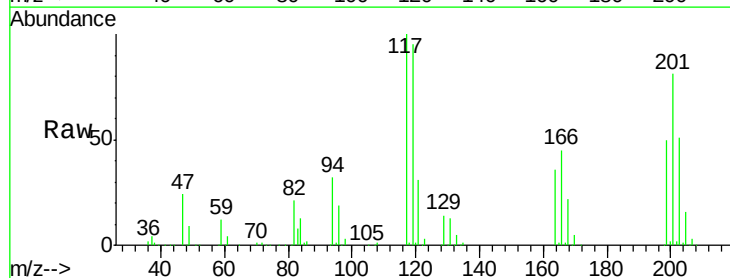


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

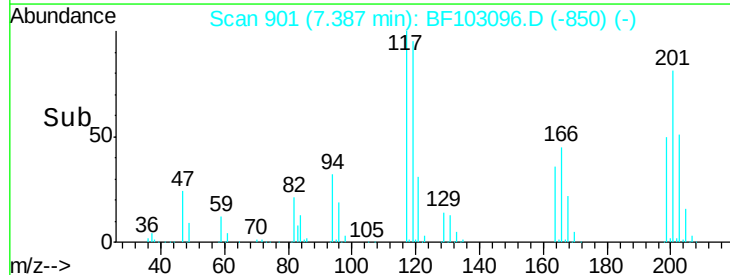
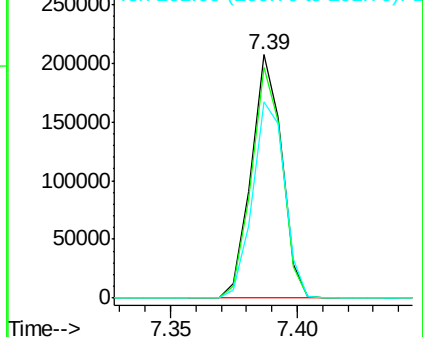


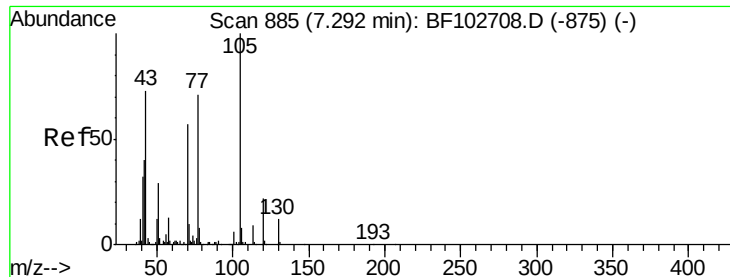
#18
Hexachloroethane
Concen: 41.13 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF103096.D
Acq: 19 Feb 2018 22:16

Tgt Ion:	117	Resp:	174644
Ion	Ratio	Lower	Upper
117	100		
119	94.7	75.8	113.8
201	80.6	75.7	113.5



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

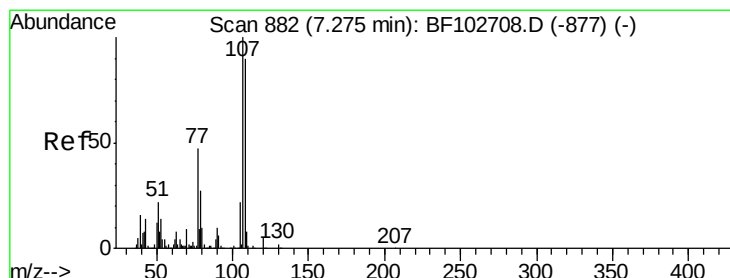
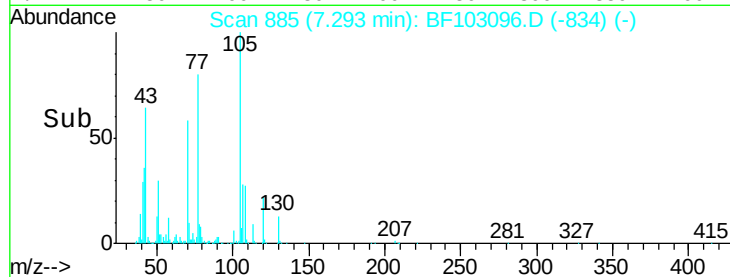
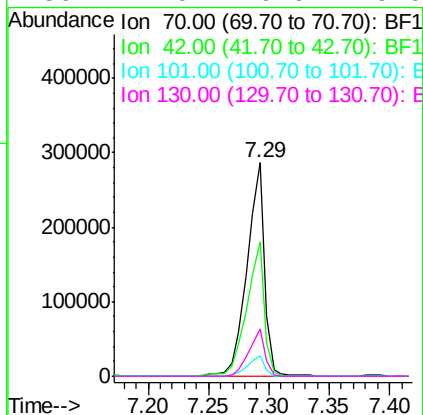
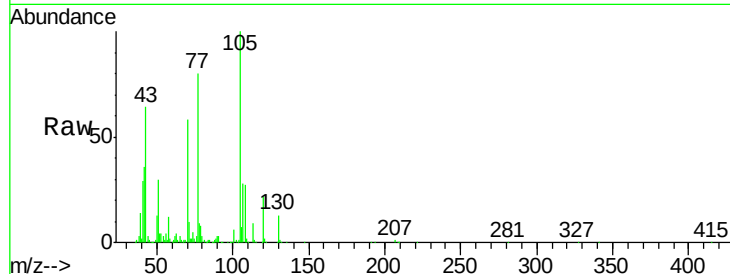




#19
n-Nitroso-di-n-propylamine
Concen: 35.14 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF103096.D
Acq: 19 Feb 2018 22:16

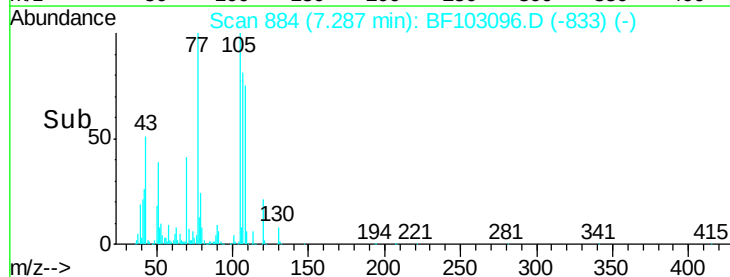
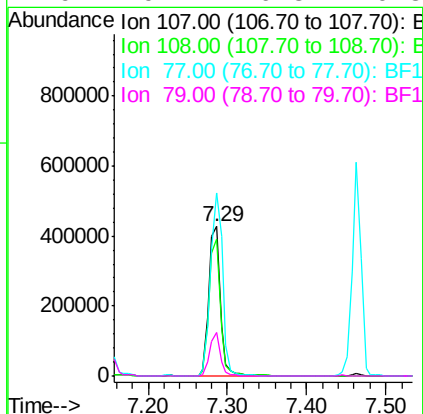
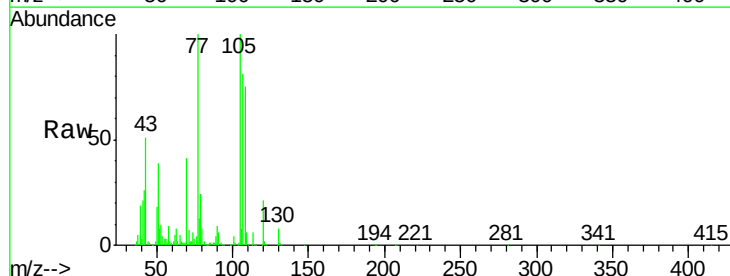
Instrument :
BNA_F
ClientSampleId :

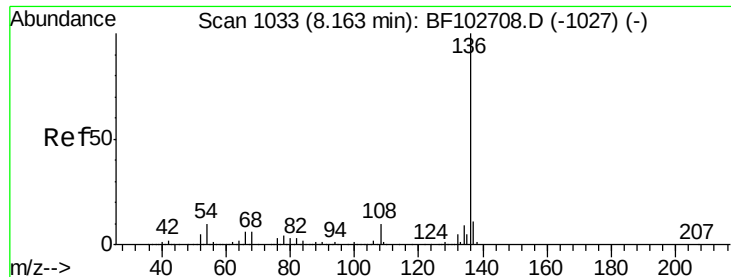
Tot Ion	Ratio	Lower	Upper
70	100		
42	62.9	47.5	71.3
101	9.7	7.4	11.2
130	22.0	16.6	25.0



#20
3+4-Methylphenols
Concen: 35.69 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF103096.D
Acq: 19 Feb 2018 22:16

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.0	68.2	108.2
77	122.9	26.7	66.7#
79	29.4	6.3	46.3

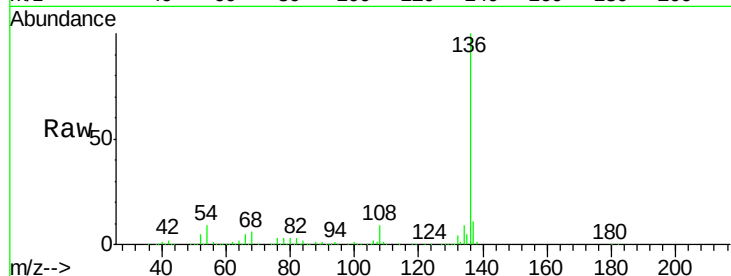




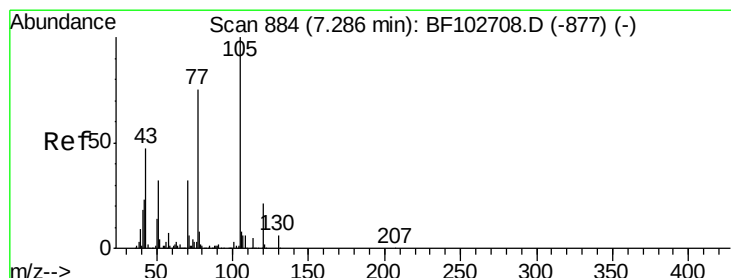
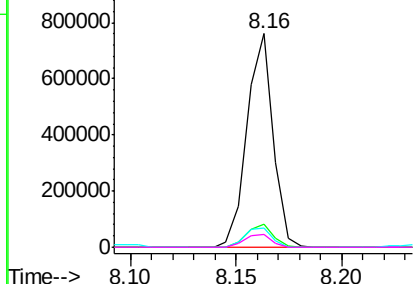
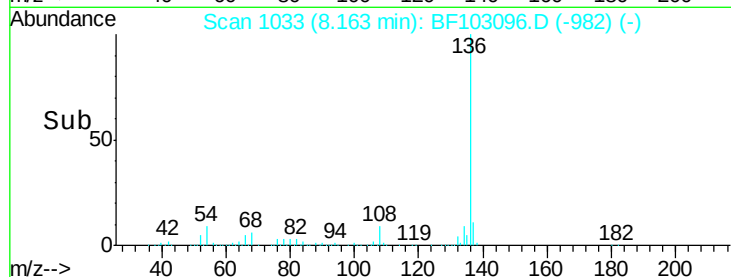
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF103096.D
Acq: 19 Feb 2018 22:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	650171
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.9 13.3
54	9.3	6.6 9.8
68	6.2	5.0 7.4

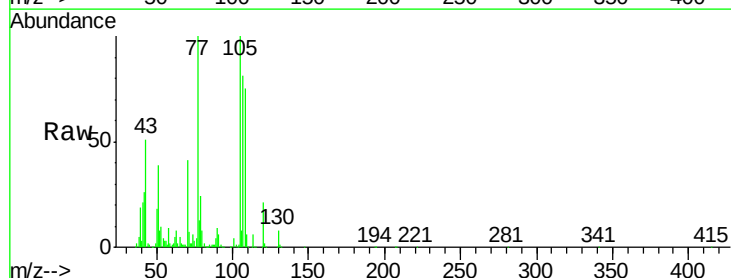


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

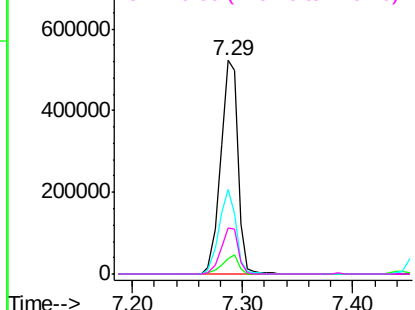
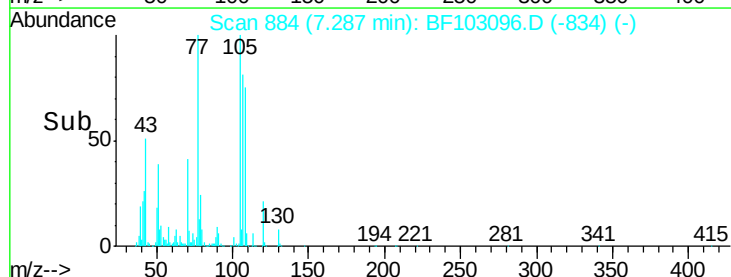


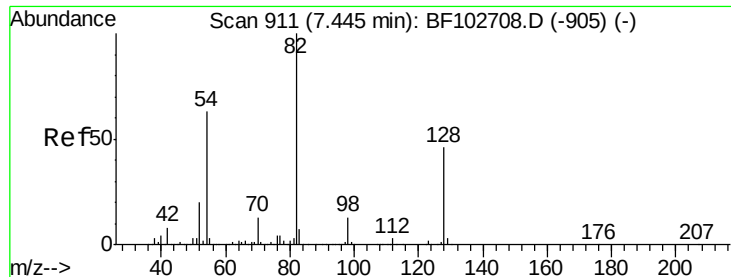
#22
Acetophenone
Concen: 35.89 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF103096.D
Acq: 19 Feb 2018 22:16

Tgt Ion:105	Resp:	571007
Ion Ratio	Lower	Upper
105	100	
71	7.0	4.4 6.6#
51	39.4	22.3 33.5#
120	21.3	16.9 25.3



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

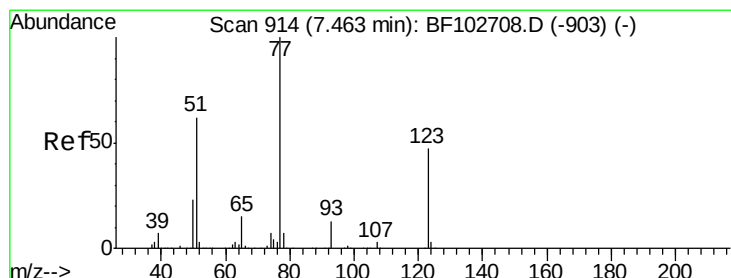
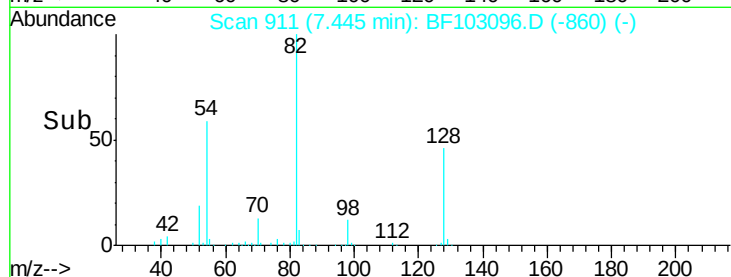
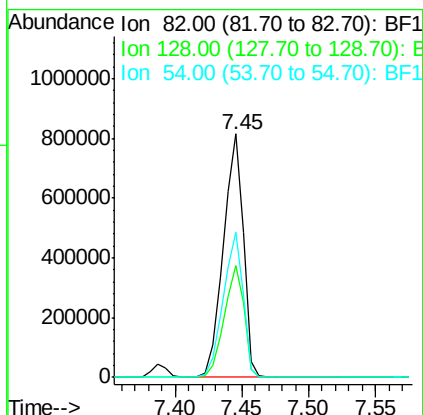
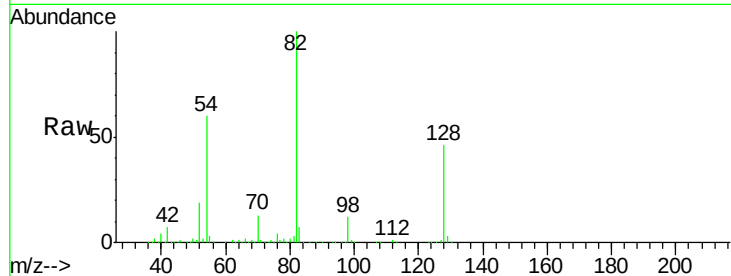




#23
 Nitrobenzene-d5
 Concen: 92.34 ng
 RT: 7.45 min Scan# 911
 Delta R.T. 0.00 min
 Lab File: BF103096.D
 Acq: 19 Feb 2018 22:16

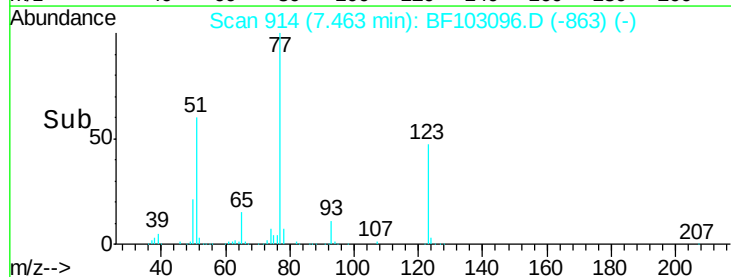
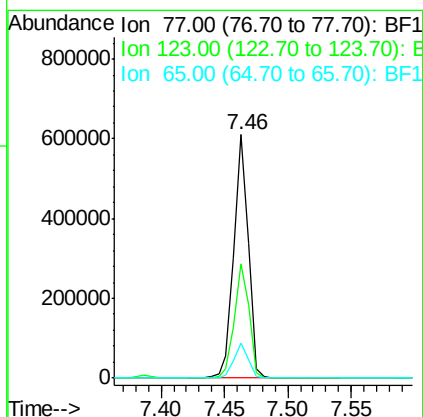
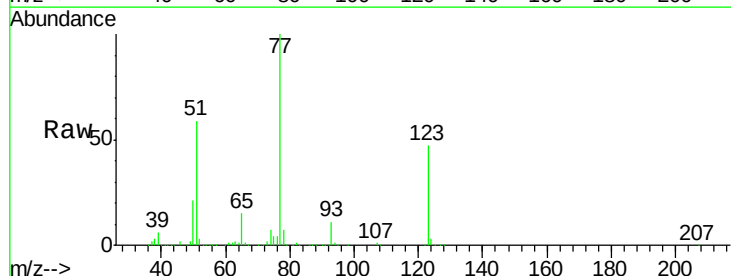
Instrument :
 BNA_F
 ClientSampleId :

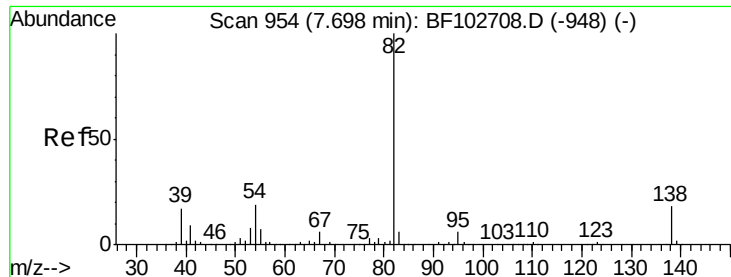
Tot Ion	82	Resp	865457
Ion Ratio	Lower	Upper	
82	100		
128	45.9	36.1	54.1
54	59.6	41.4	62.2



#24
 Nitrobenzene
 Concen: 43.26 ng
 RT: 7.46 min Scan# 914
 Delta R.T. 0.00 min
 Lab File: BF103096.D
 Acq: 19 Feb 2018 22:16

Tgt Ion	77	Resp	476962
Ion Ratio	Lower	Upper	
77	100		
123	47.0	37.9	56.9
65	14.6	11.0	16.4





#25

Isophorone

Concen: 38.46 ng

RT: 7.70 min Scan# 954

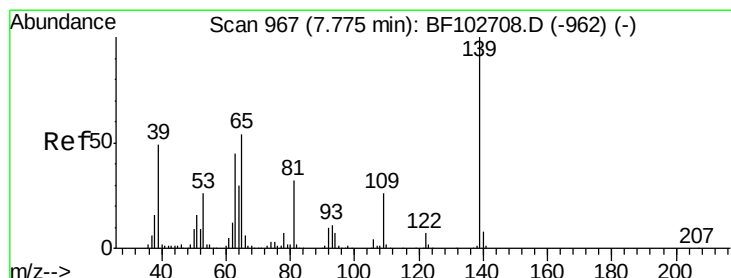
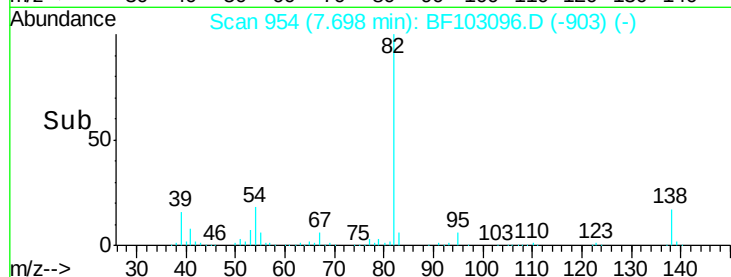
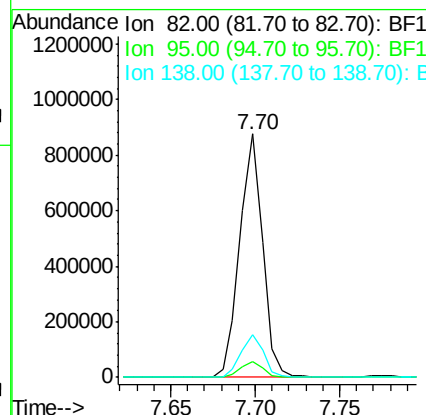
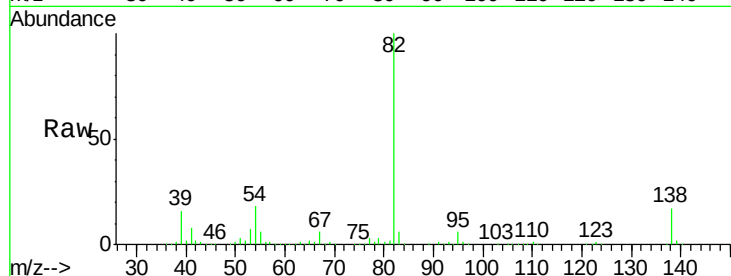
Delta R.T. 0.00 min

Lab File: BF103096.D

Acq: 19 Feb 2018 22:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	82	Resp:	830061
Ion	Ratio	Lower	Upper
82	100		
95	6.3	5.2	7.8
138	17.3	14.9	22.3



#26

2-Nitrophenol

Concen: 52.29 ng

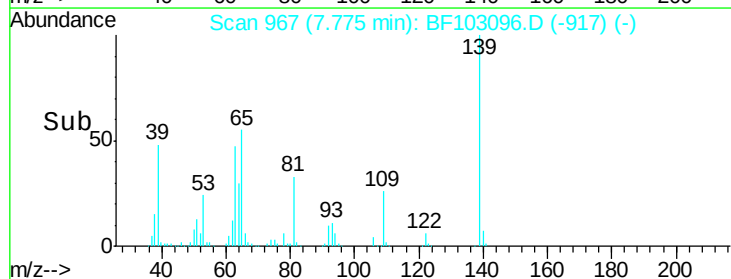
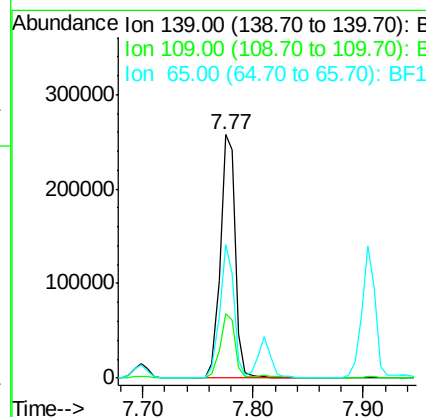
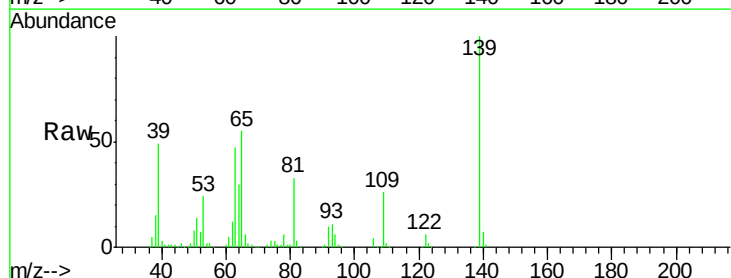
RT: 7.77 min Scan# 967

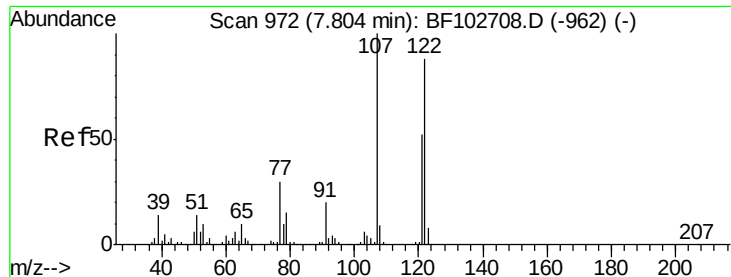
Delta R.T. -0.01 min

Lab File: BF103096.D

Acq: 19 Feb 2018 22:16

Tgt Ion:	139	Resp:	241136
Ion	Ratio	Lower	Upper
139	100		
109	26.5	22.7	34.1
65	54.7	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 36.70 ng

RT: 7.81 min Scan# 973

Delta R.T. 0.00 min

Lab File: BF103096.D

Acq: 19 Feb 2018 22:16

Instrument :

BNA_F

ClientSampleId :

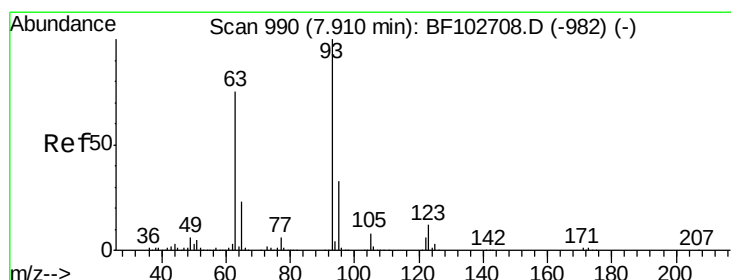
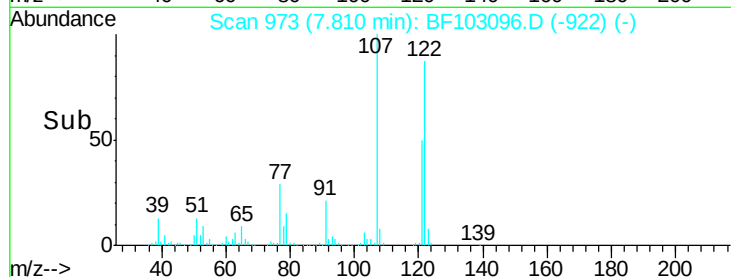
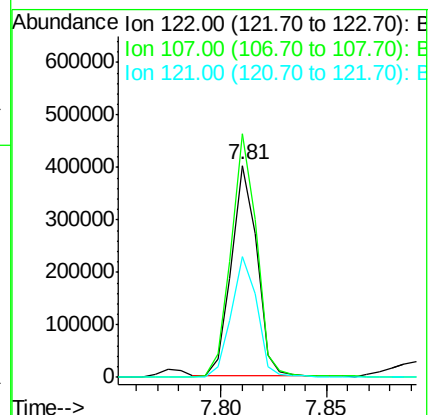
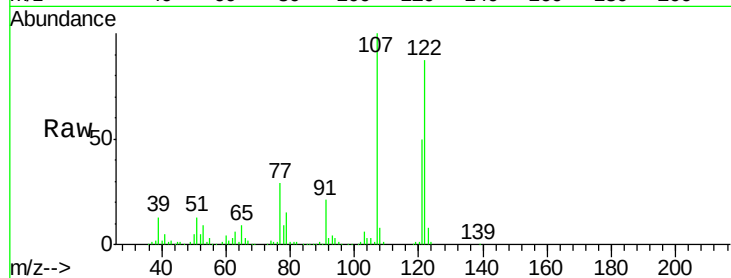
Tot Ion:122 Resp: 334624

Ion Ratio Lower Upper

122 100

107 114.8 91.2 136.8

121 57.1 47.2 70.8



#28

bis(2-Chloroethoxy)methane

Concen: 39.44 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF103096.D

Acq: 19 Feb 2018 22:16

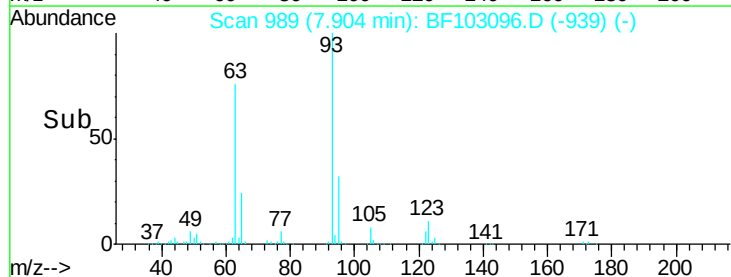
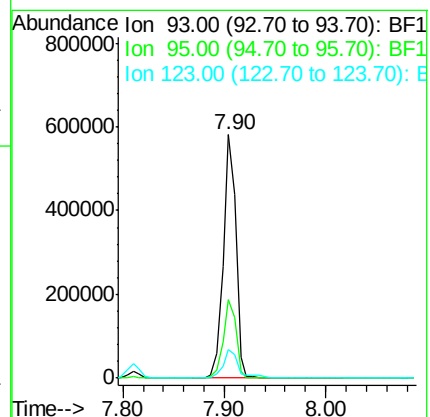
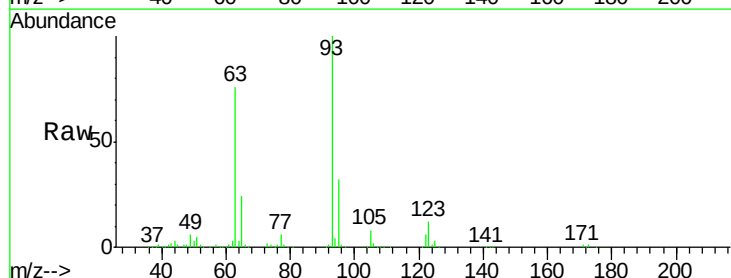
Tgt Ion: 93 Resp: 504190

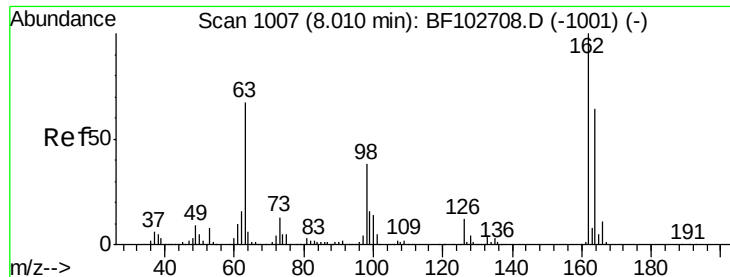
Ion Ratio Lower Upper

93 100

95 32.4 26.3 39.5

123 11.6 9.8 14.6

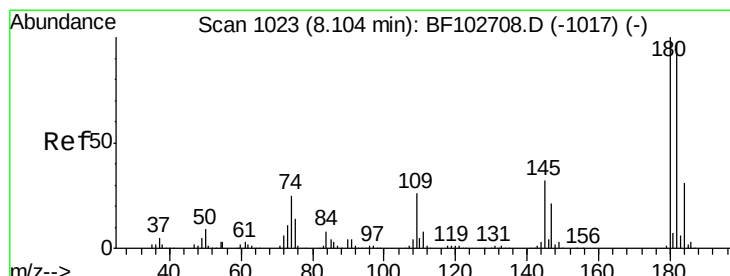
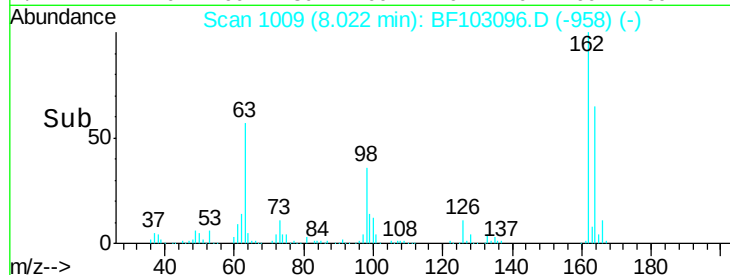
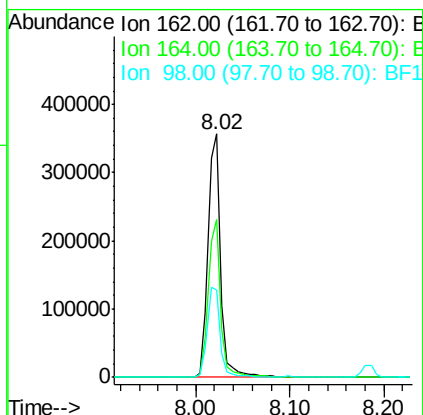
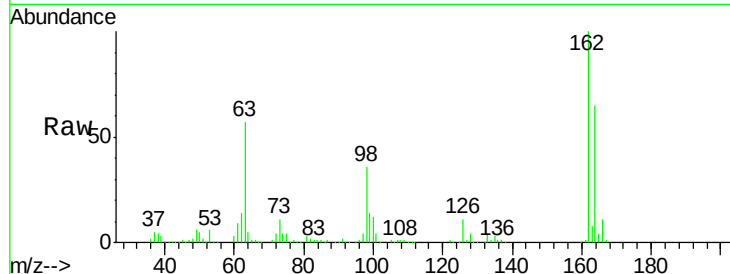




#29
 2,4-Dichlorophenol
 Concen: 40.80 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. 0.00 min
 Lab File: BF103096.D
 Acq: 19 Feb 2018 22:16

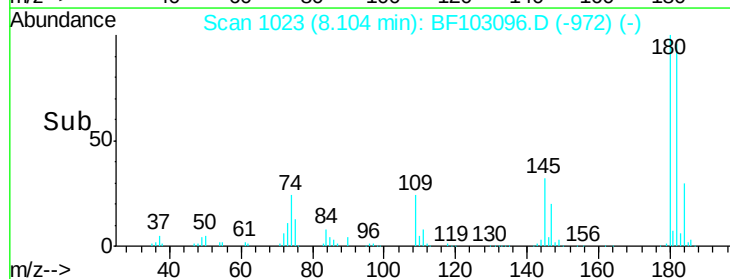
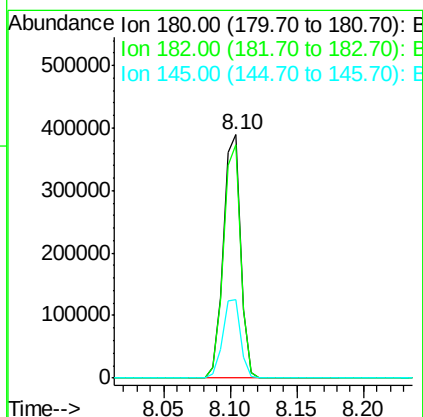
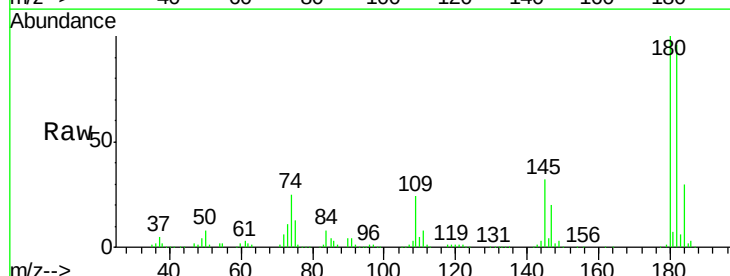
Instrument :
 BNA_F
 ClientSampled :

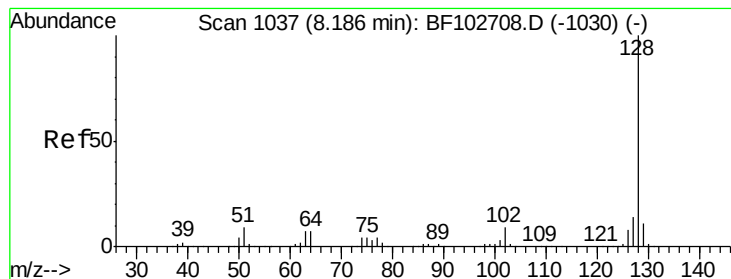
Tot Ion:162 Resp: 338157
 Ion Ratio Lower Upper
 162 100
 164 65.0 42.7 82.7
 98 35.7 18.1 58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 38.52 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. 0.00 min
 Lab File: BF103096.D
 Acq: 19 Feb 2018 22:16

Tgt Ion:180 Resp: 361214
 Ion Ratio Lower Upper
 180 100
 182 95.9 76.8 115.2
 145 32.1 26.5 39.7





#31

Naphthalene

Concen: 38.00 ng

RT: 8.19 min Scan# 1037

Delta R.T. 0.00 min

Lab File: BF103096.D

Acq: 19 Feb 2018 22:16

Instrument :

BNA_F

ClientSampleId :

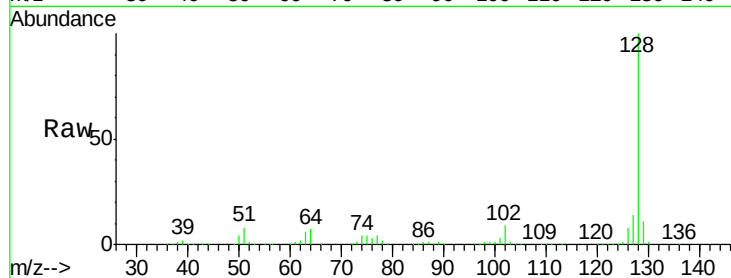
Tot Ion:128 Resp: 1207048

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

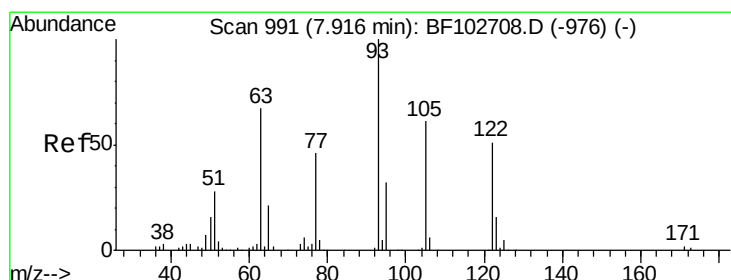
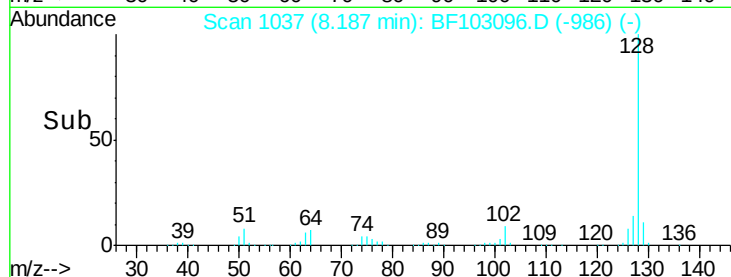
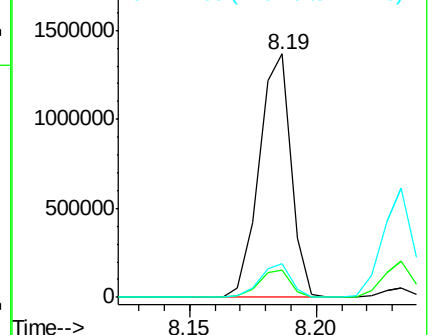
127 13.7 10.9 16.3



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: 36.45 ng

RT: 7.93 min Scan# 994

Delta R.T. -0.01 min

Lab File: BF103096.D

Acq: 19 Feb 2018 22:16

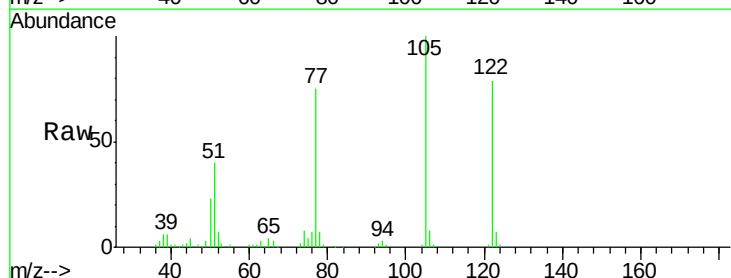
Tgt Ion:122 Resp: 208891

Ion Ratio Lower Upper

122 100

105 125.9 101.1 141.1

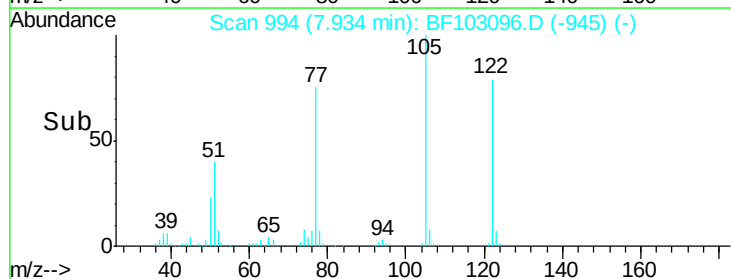
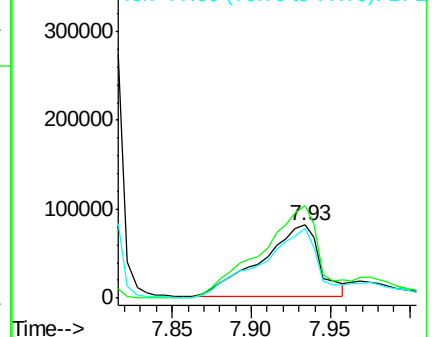
77 94.7 70.7 110.7

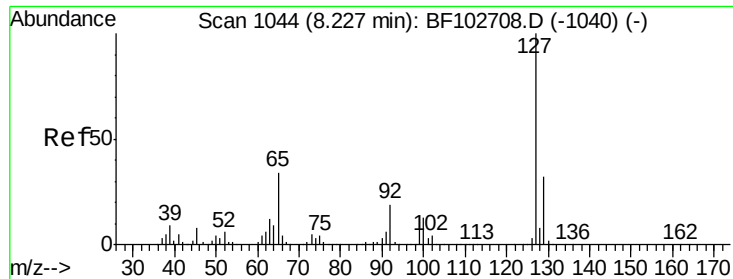


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

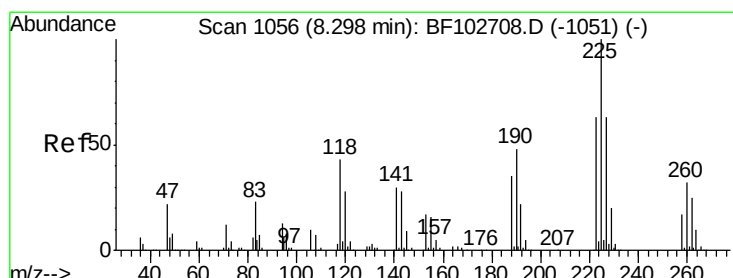
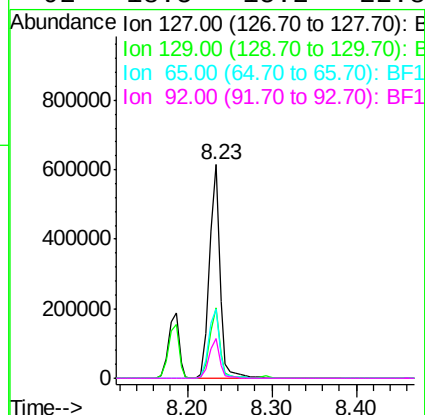
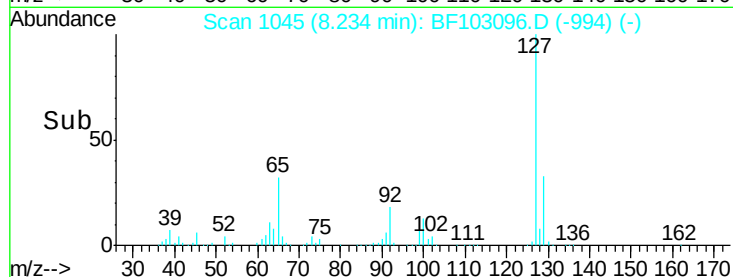
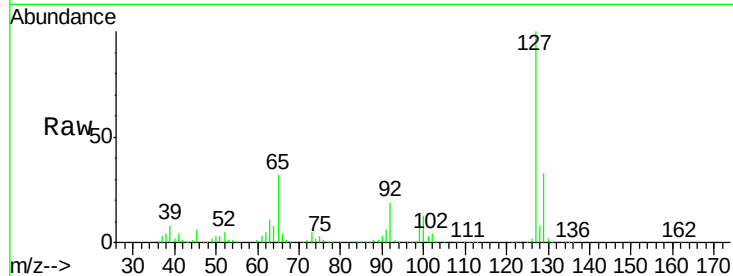




#33
4-Chloroaniline
Concen: 39.07 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BF103096.D
Acq: 19 Feb 2018 22:16

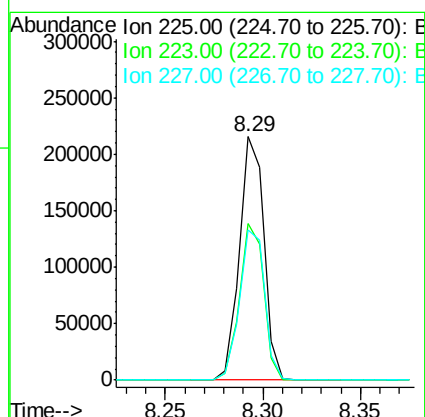
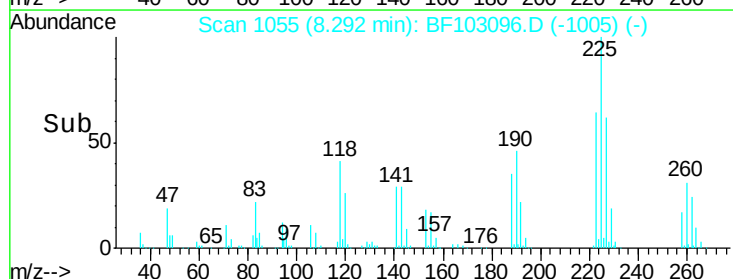
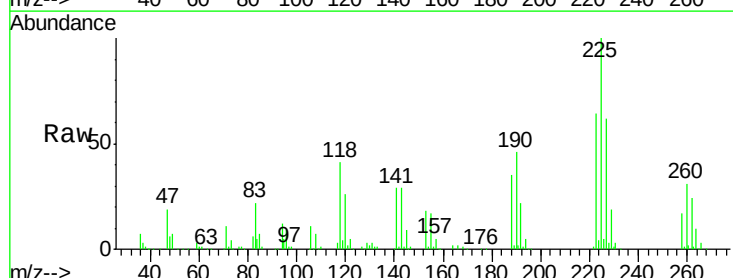
Instrument :
BNA_F
ClientSampled :

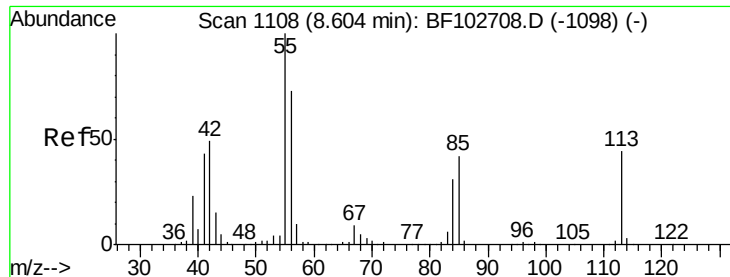
Tot Ion:	127	Resp:	534724
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.9	38.9
65	32.4	25.0	37.4
92	18.5	15.2	22.8



#34
Hexachlorobutadiene
Concen: 39.09 ng
RT: 8.29 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF103096.D
Acq: 19 Feb 2018 22:16

Tgt Ion:	225	Resp:	187843
Ion	Ratio	Lower	Upper
225	100		
223	64.2	50.6	76.0
227	61.6	51.9	77.9

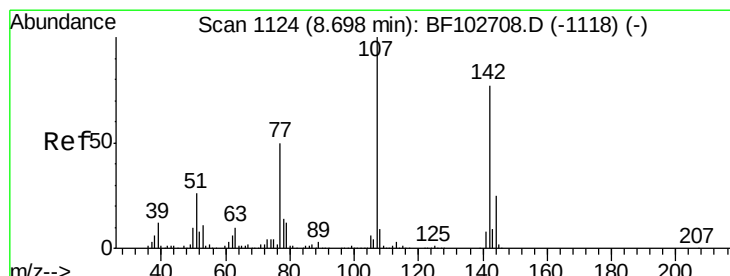
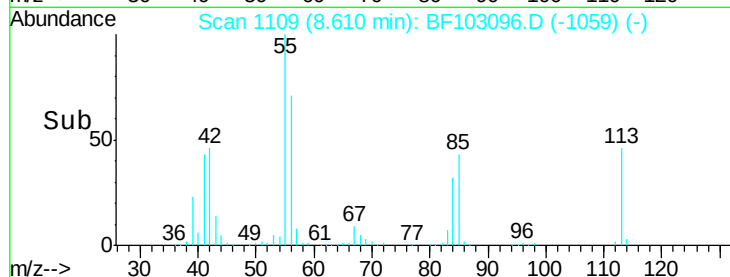
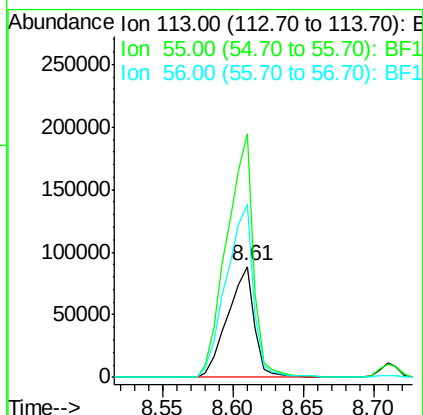
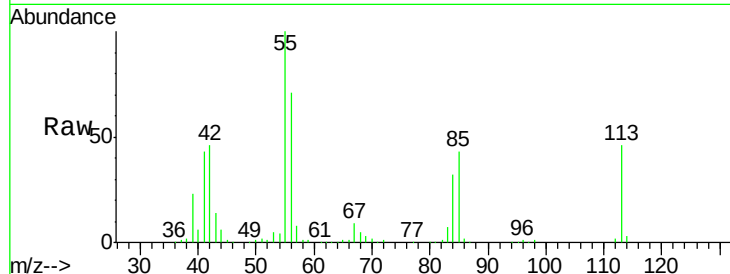




#35
 Caprolactam
 Concen: 40.38 ng
 RT: 8.61 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: BF103096.D
 Acq: 19 Feb 2018 22:16

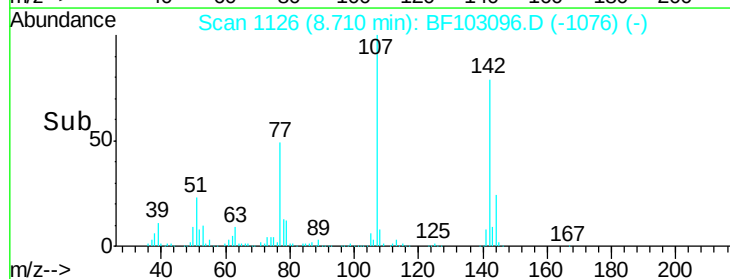
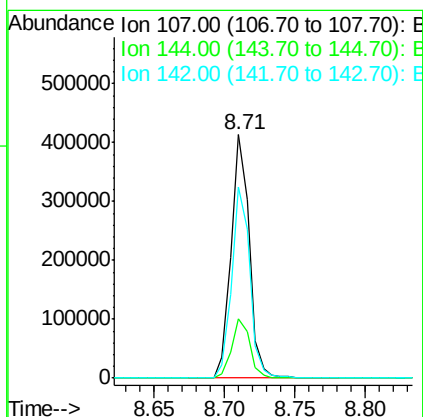
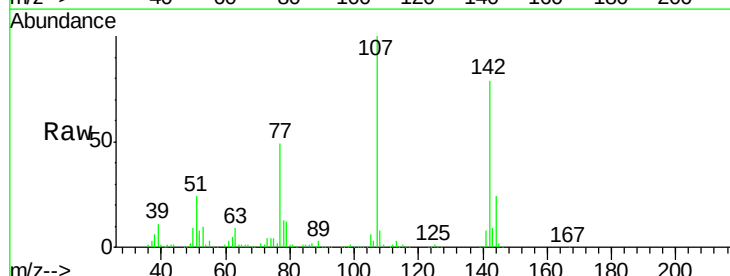
Instrument :
 BNA_F
 ClientSampled :

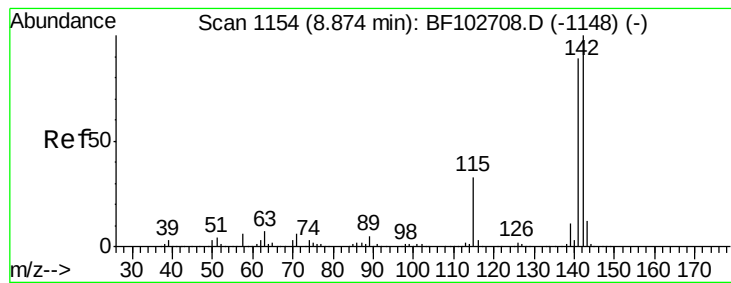
Tot Ion:113 Resp: 116248
 Ion Ratio Lower Upper
 113 100
 55 219.3 163.3 203.3#
 56 155.7 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 40.12 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. -0.01 min
 Lab File: BF103096.D
 Acq: 19 Feb 2018 22:16

Tgt Ion:107 Resp: 373612
 Ion Ratio Lower Upper
 107 100
 144 24.5 20.5 30.7
 142 78.7 62.0 93.0

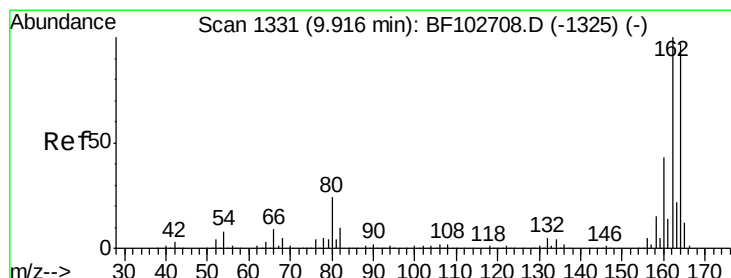
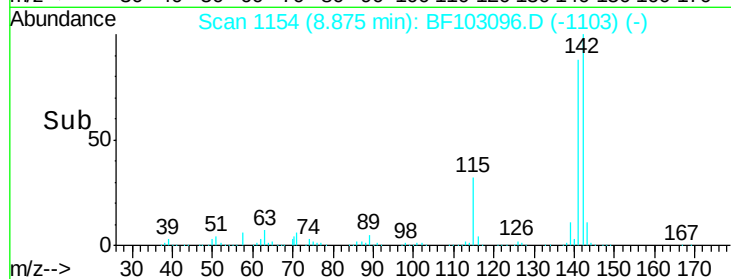
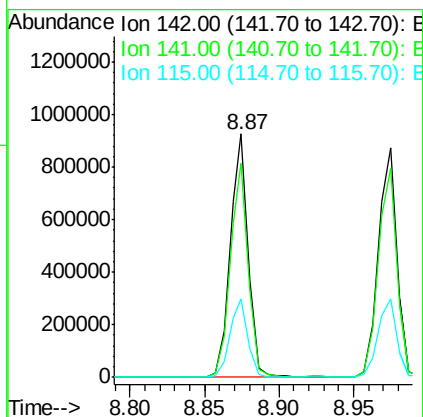
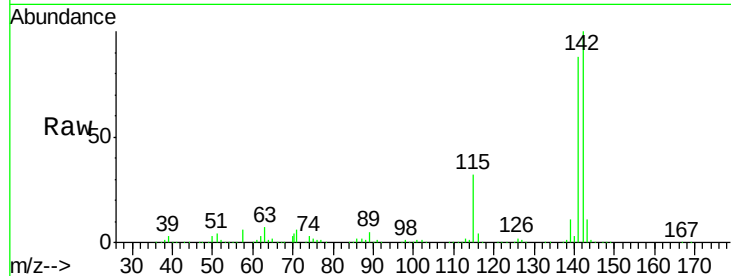




#37
2-Methylnaphthalene
Concen: 37.74 ng
RT: 8.87 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF103096.D
Acq: 19 Feb 2018 22:16

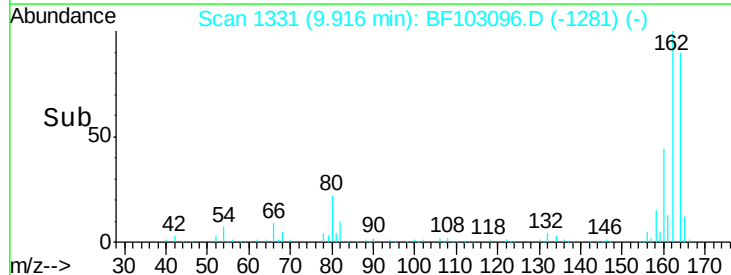
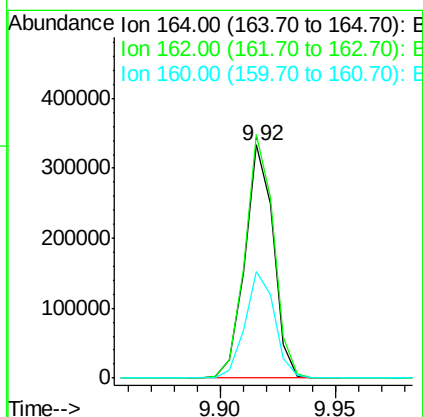
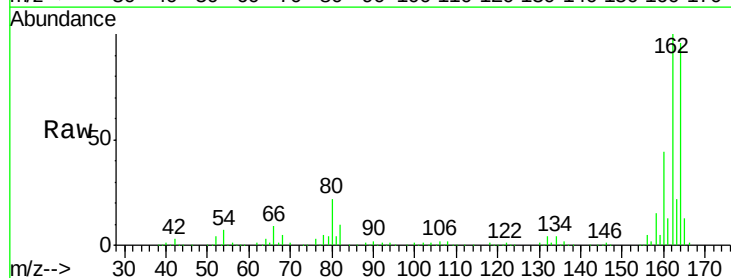
Instrument :
BNA_F
ClientSampleId :

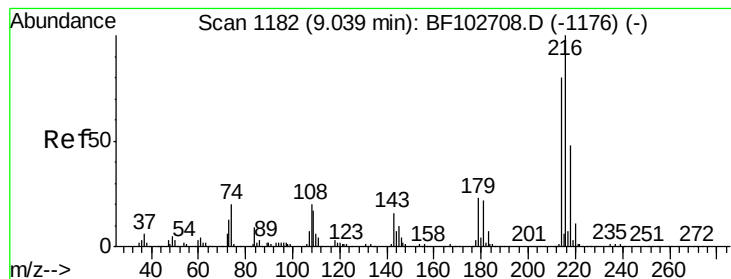
Tot Ion:142 Resp: 784902
Ion Ratio Lower Upper
142 100
141 88.2 70.8 106.2
115 32.4 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF103096.D
Acq: 19 Feb 2018 22:16

Tgt Ion:164 Resp: 287140
Ion Ratio Lower Upper
164 100
162 104.5 86.1 129.1
160 45.9 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.71 ng

RT: 9.04 min Scan# 1182

Delta R.T. 0.00 min

Lab File: BF103096.D

Acq: 19 Feb 2018 22:16

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 318260

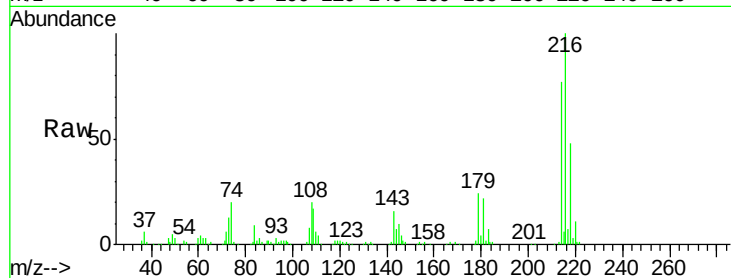
Ion Ratio Lower Upper

216 100

214 77.9 63.0 94.4

179 23.4 18.1 27.1

108 21.5 17.2 25.8

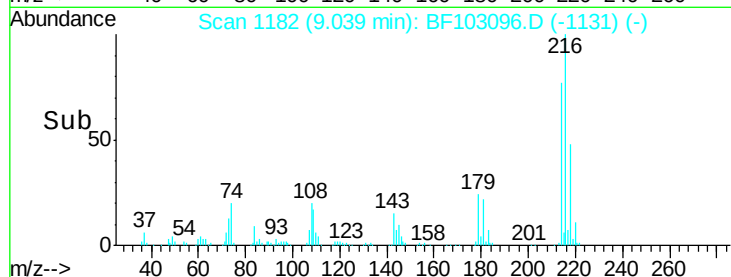


Abundance Ion 216.00 (215.70 to 216.70): E

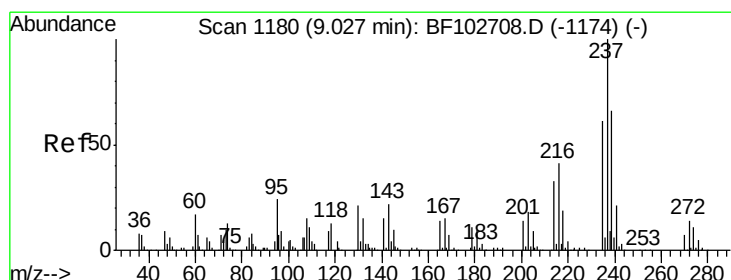
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 13.53 ng

RT: 9.02 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BF103096.D

Acq: 19 Feb 2018 22:16

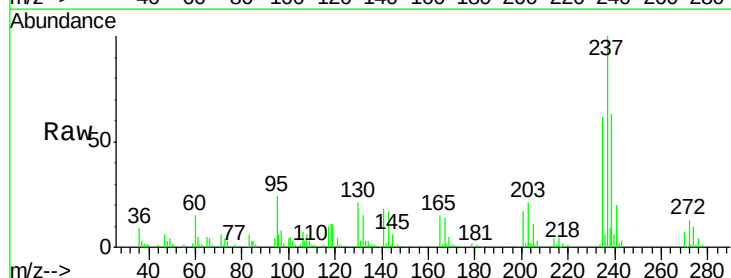
Tgt Ion:237 Resp: 50298

Ion Ratio Lower Upper

237 100

235 62.0 44.8 84.8

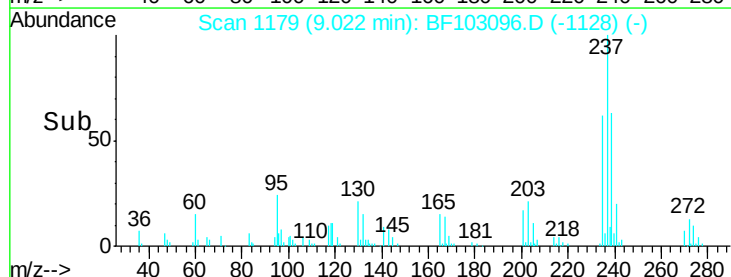
272 13.2 0.0 33.3



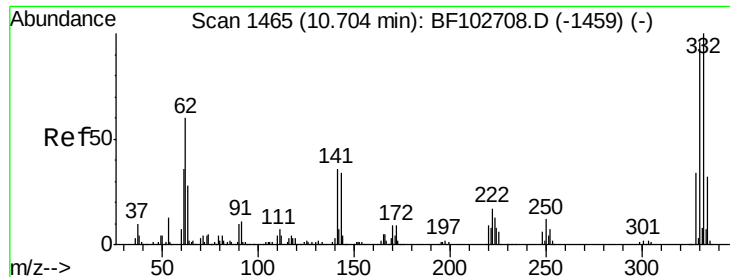
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



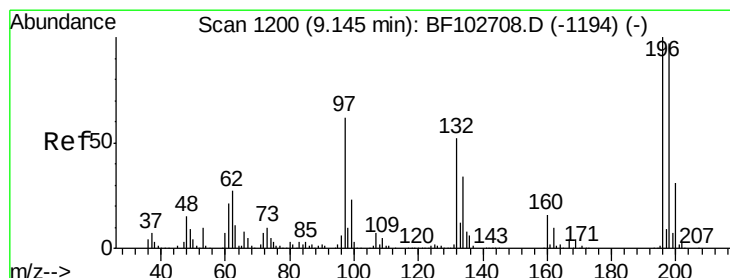
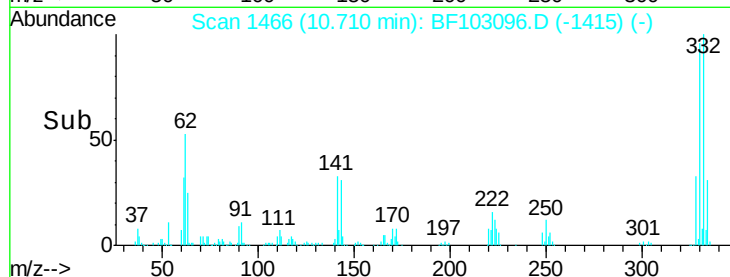
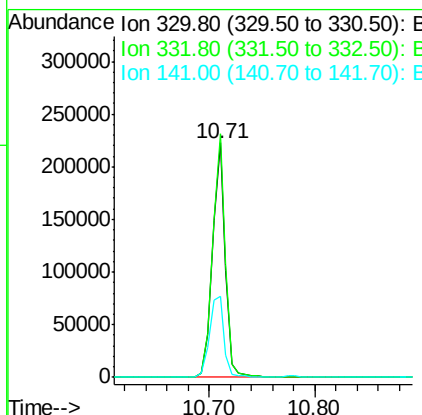
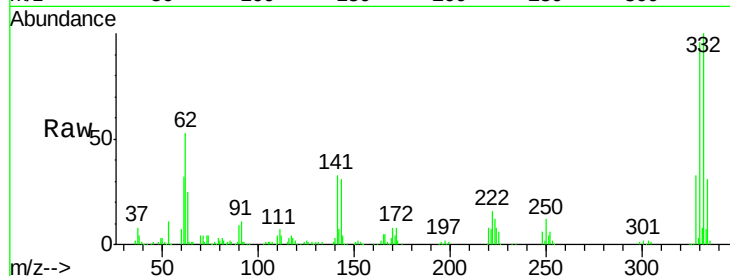
Time-->



#41
 2,4,6-Tribromophenol
 Concen: 83.20 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: BF103096.D
 Acq: 19 Feb 2018 22:16

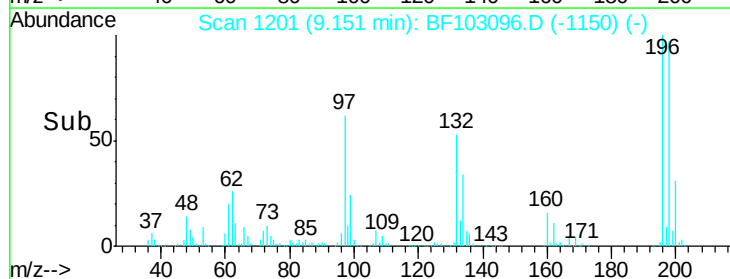
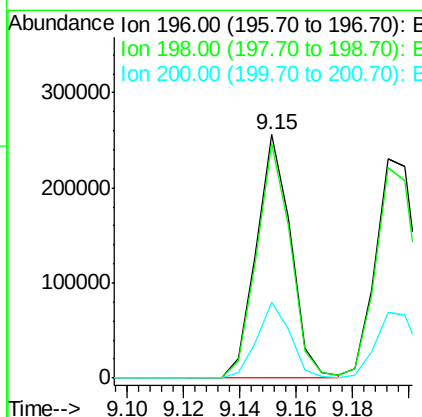
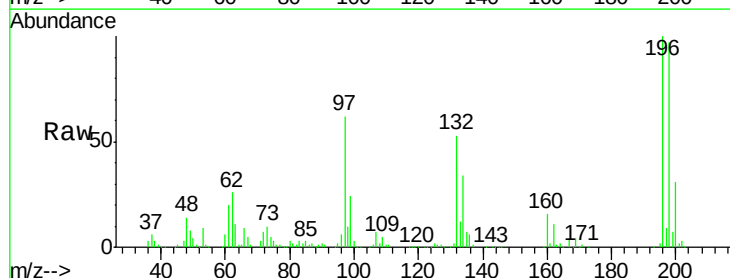
Instrument :
 BNA_F
 ClientSampleId :

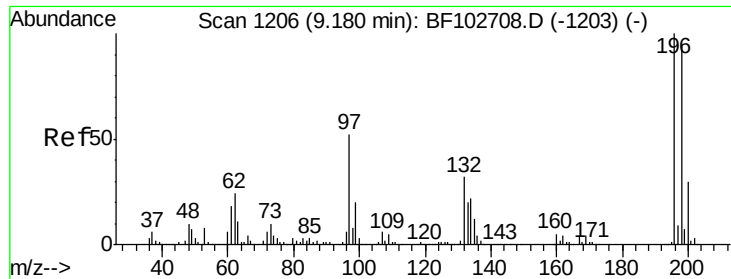
Tot Ion	Ratio	Lower	Upper
330	100		
332	102.8	77.0	115.6
141	38.6	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 42.23 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF103096.D
 Acq: 19 Feb 2018 22:16

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.6	75.7	113.5
200	31.0	24.5	36.7

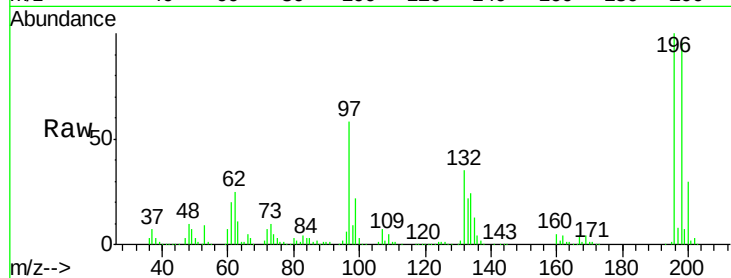




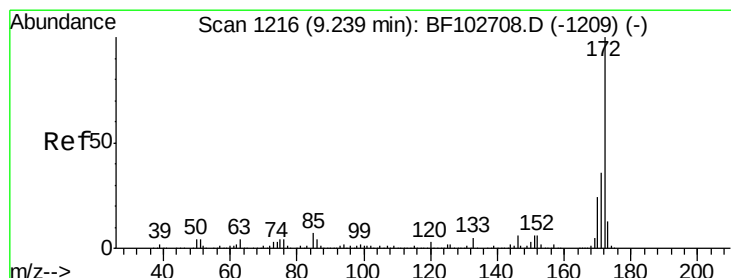
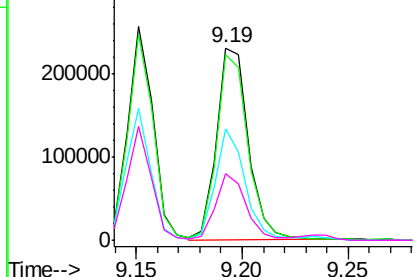
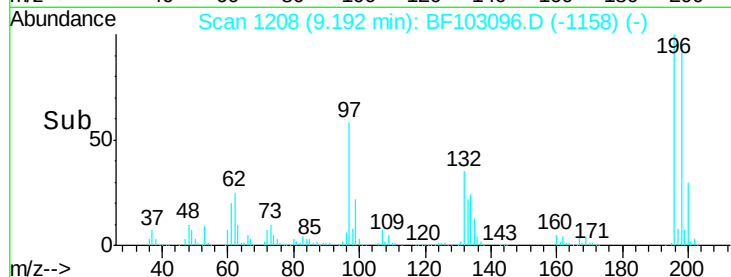
#43
 2,4,5-Trichlorophenol
 Concen: 41.44 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF103096.D
 Acq: 19 Feb 2018 22:16

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.1	74.6	112.0
97	57.9	42.9	64.3
132	34.7	26.3	39.5

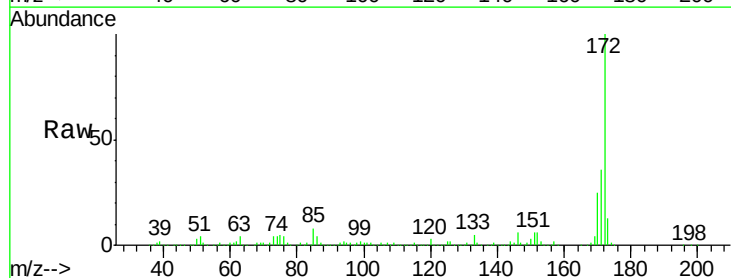


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

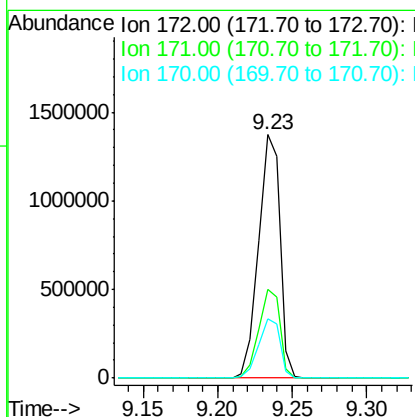
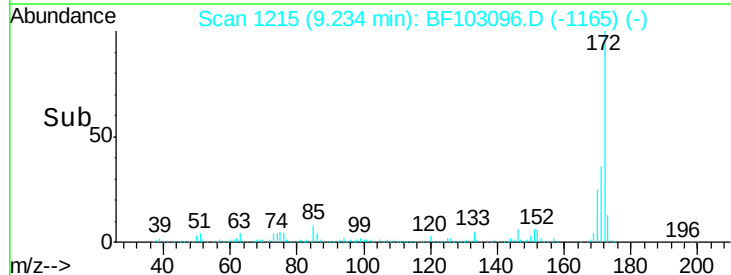


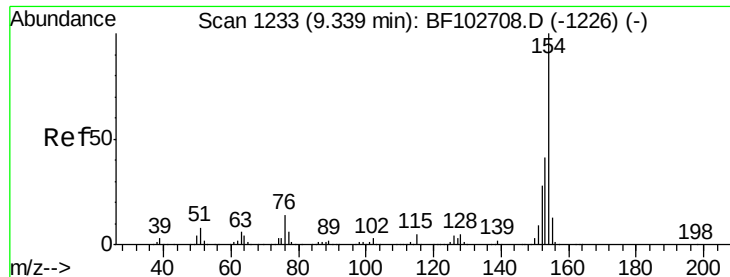
#44
 2-Fluorobiphenyl
 Concen: 77.81 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF103096.D
 Acq: 19 Feb 2018 22:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.6	19.6	29.4



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





#45

1,1'-Biphenyl

Concen: 38.77 ng

RT: 9.34 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BF103096.D

Acq: 19 Feb 2018 22:16

Instrument :

BNA_F

ClientSampled :

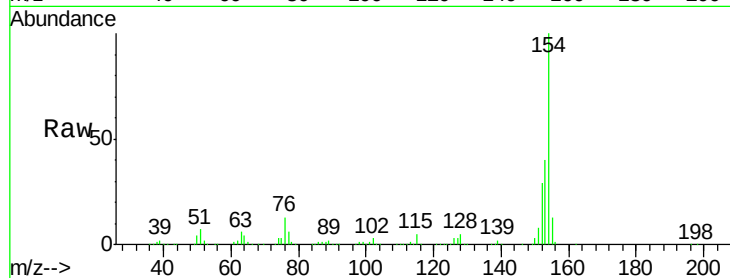
Tot Ion:154 Resp: 937570

Ion Ratio Lower Upper

154 100

153 40.5 21.3 61.3

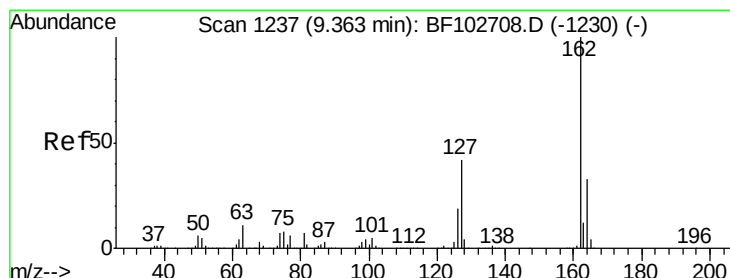
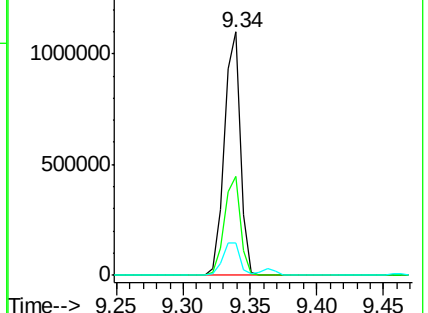
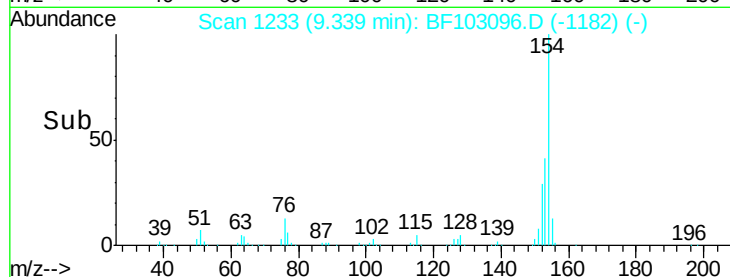
76 13.4 0.0 34.0



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



#46

2-Chloronaphthalene

Concen: 39.24 ng

RT: 9.36 min Scan# 1237

Delta R.T. -0.01 min

Lab File: BF103096.D

Acq: 19 Feb 2018 22:16

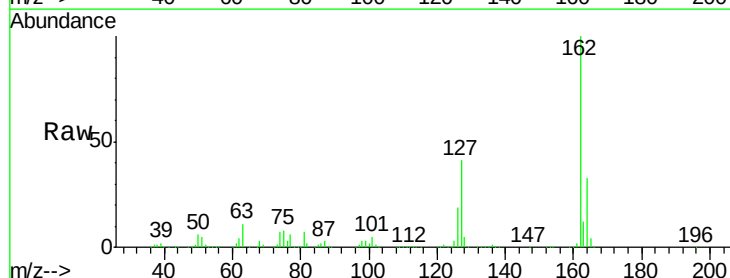
Tgt Ion:162 Resp: 747172

Ion Ratio Lower Upper

162 100

127 41.2 33.9 50.9

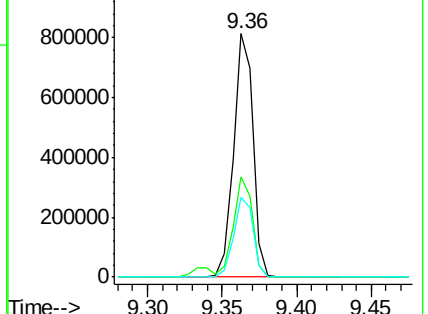
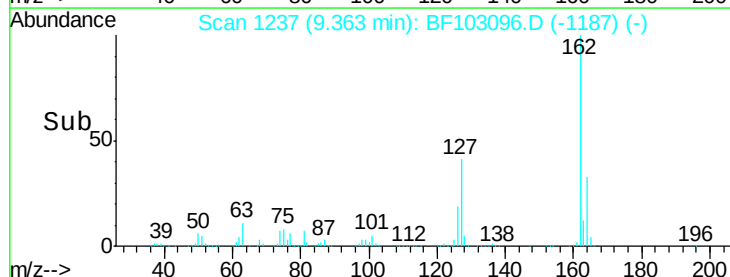
164 32.8 26.5 39.7

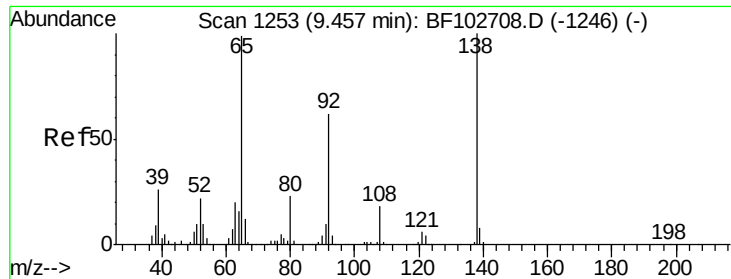


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

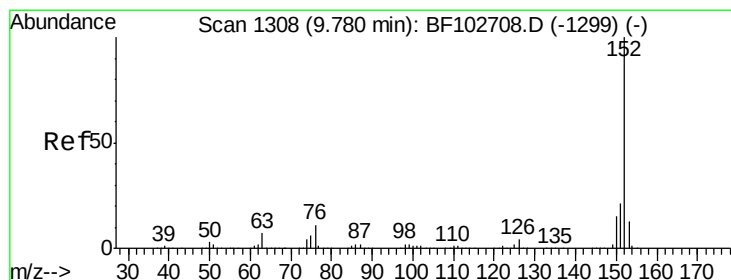
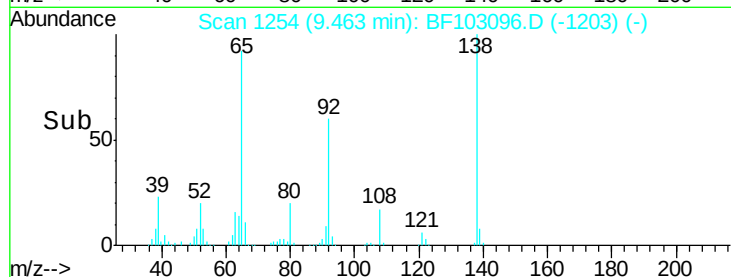
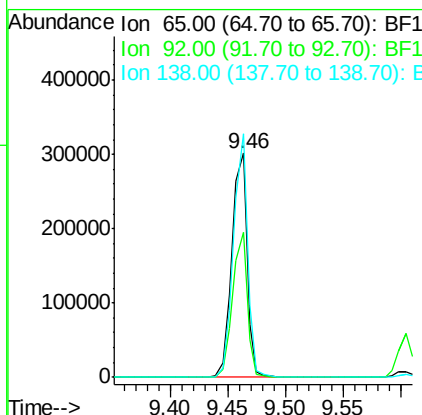
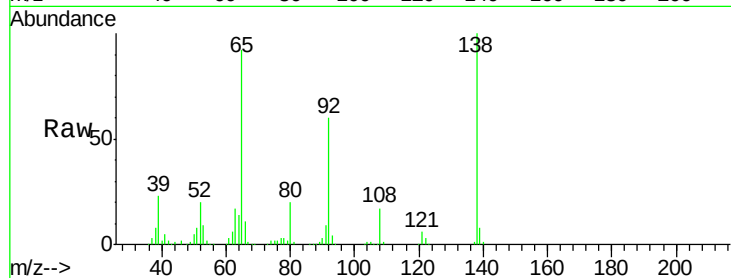




#47
2-Nitroaniline
Concen: 47.38 ng
RT: 9.46 min Scan# 1254
Delta R.T. 0.00 min
Lab File: BF103096.D
Acq: 19 Feb 2018 22:16

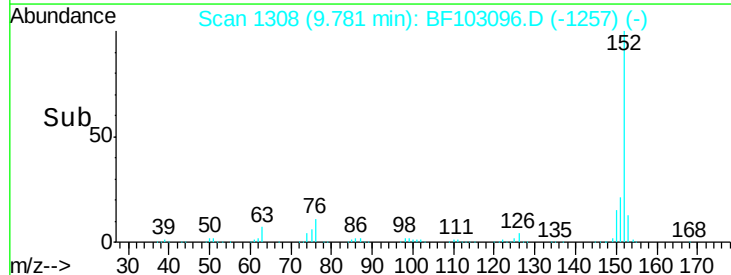
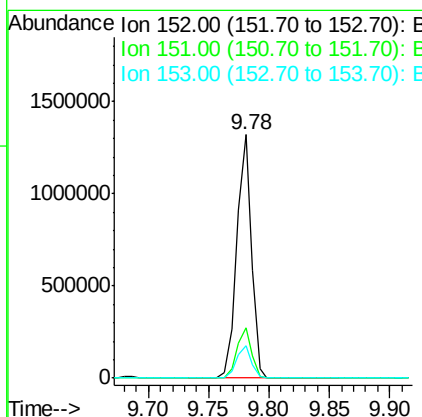
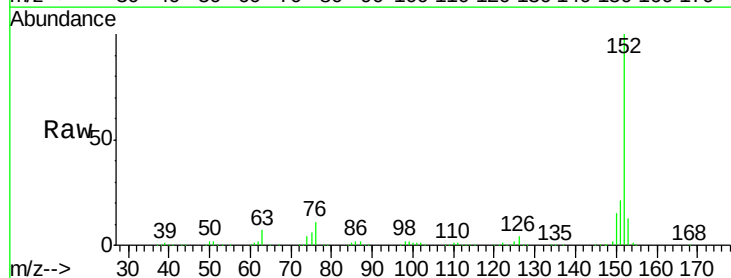
Instrument :
BNA_F
ClientSampled :

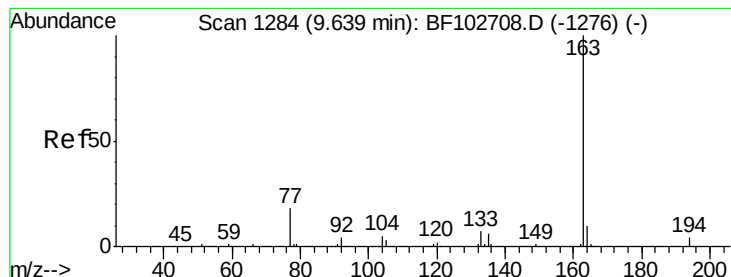
Tot Ion: 65 Resp: 278062
Ion Ratio Lower Upper
65 100
92 64.8 55.8 83.6
138 108.7 91.2 136.8



#48
Acenaphthylene
Concen: 37.98 ng
RT: 9.78 min Scan# 1308
Delta R.T. 0.00 min
Lab File: BF103096.D
Acq: 19 Feb 2018 22:16

Tgt Ion: 152 Resp: 1123178
Ion Ratio Lower Upper
152 100
151 20.7 16.3 24.5
153 13.2 10.7 16.1





#49

Dimethylphthalate

Concen: 40.28 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BF103096.D

Acq: 19 Feb 2018 22:16

Instrument :

BNA_F

ClientSampleId :

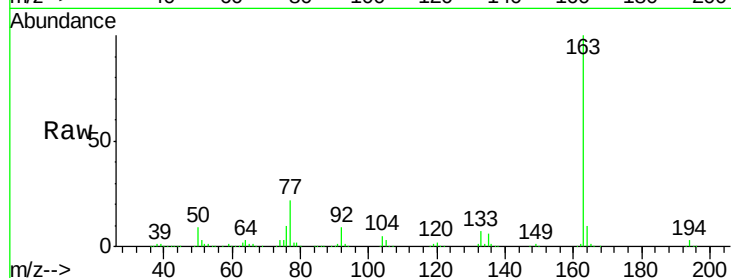
Tot Ion:163 Resp: 901758

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

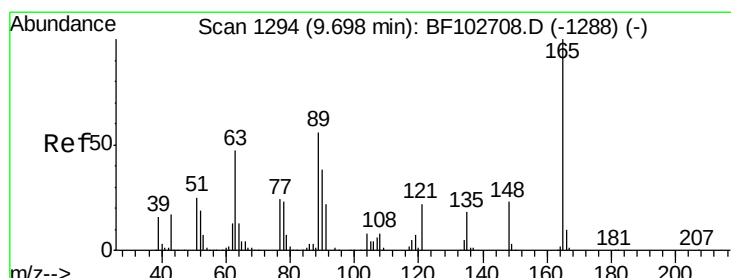
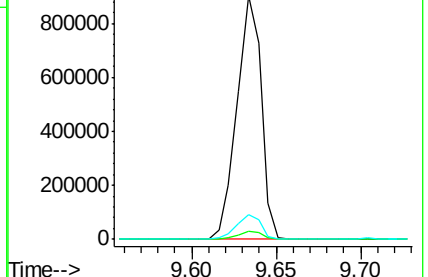
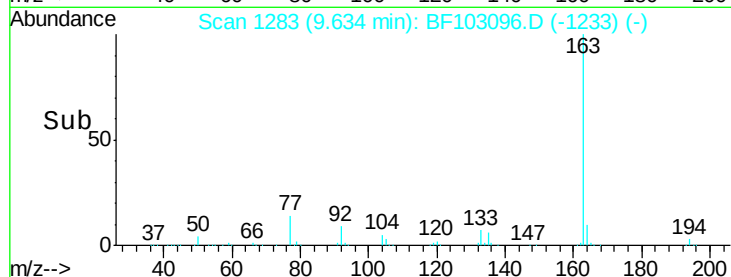
164 10.3 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 45.39 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.00 min

Lab File: BF103096.D

Acq: 19 Feb 2018 22:16

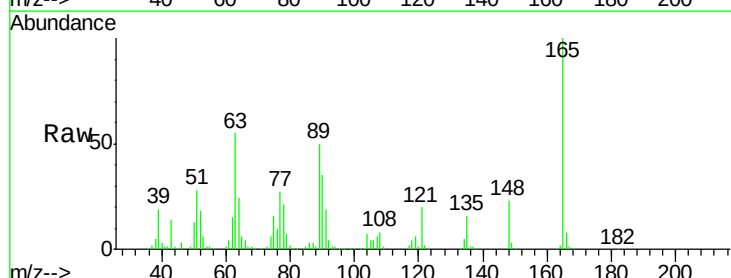
Tgt Ion:165 Resp: 193327

Ion Ratio Lower Upper

165 100

63 55.2 44.7 67.1

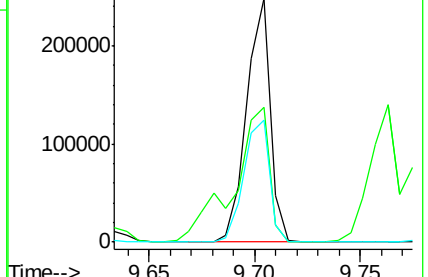
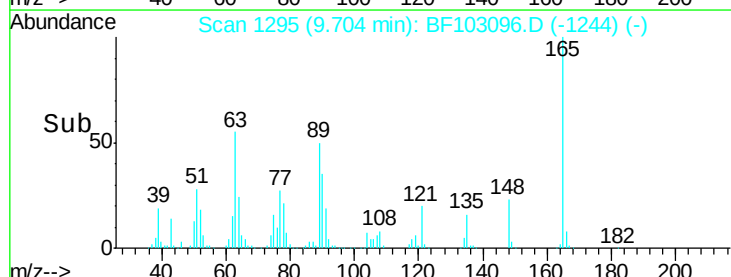
89 50.4 44.0 66.0

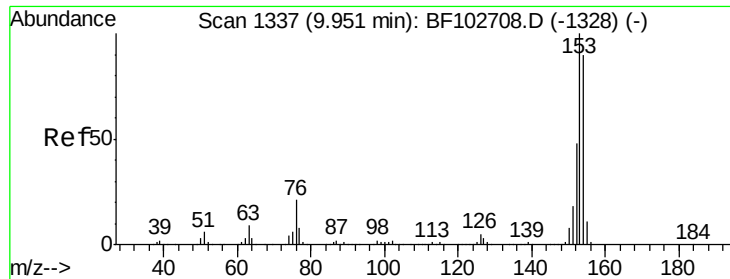


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 37.49 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF103096.D

Acq: 19 Feb 2018 22:16

Instrument :

BNA_F

ClientSampleId :

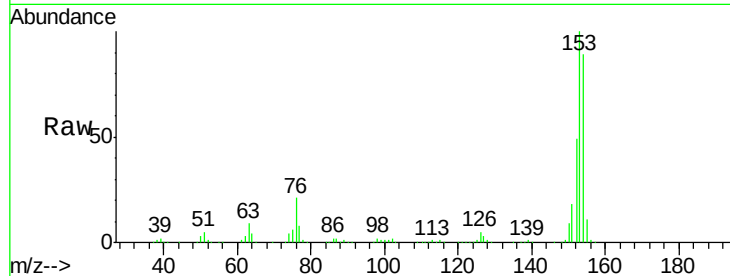
Tot Ion:154 Resp: 662935

Ion Ratio Lower Upper

154 100

153 112.0 91.2 136.8

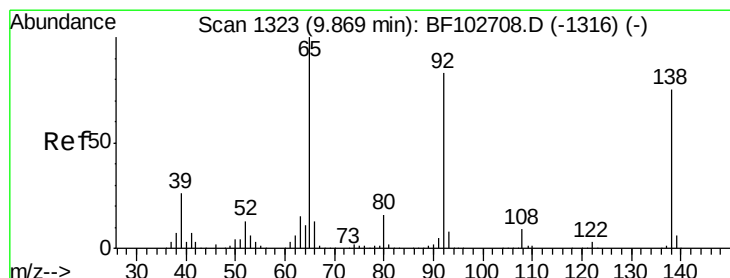
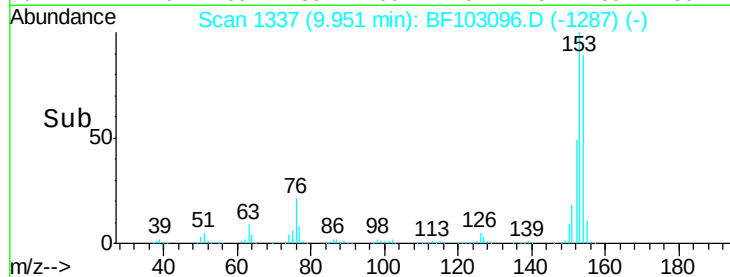
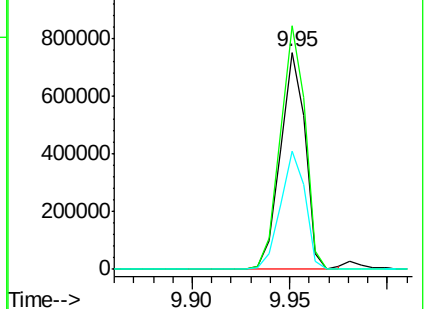
152 54.4 43.8 65.8



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



#52

3-Nitroaniline

Concen: 45.56 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.00 min

Lab File: BF103096.D

Acq: 19 Feb 2018 22:16

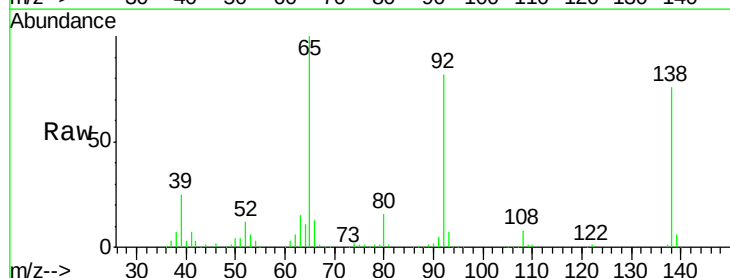
Tgt Ion:138 Resp: 238805

Ion Ratio Lower Upper

138 100

108 10.1 9.4 14.0

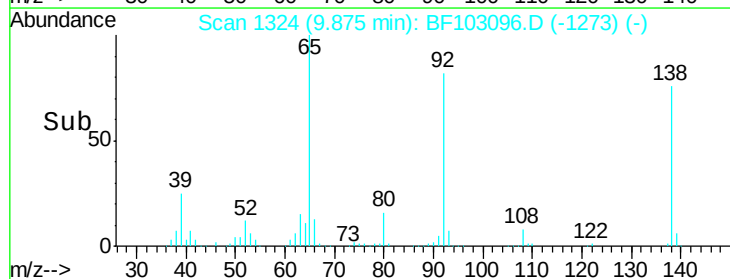
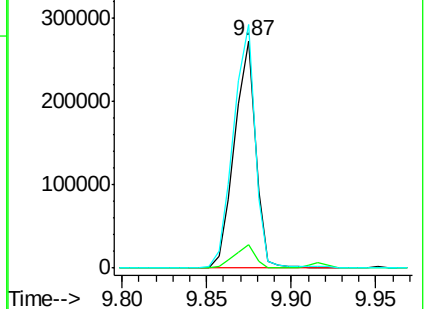
92 107.2 89.4 134.2

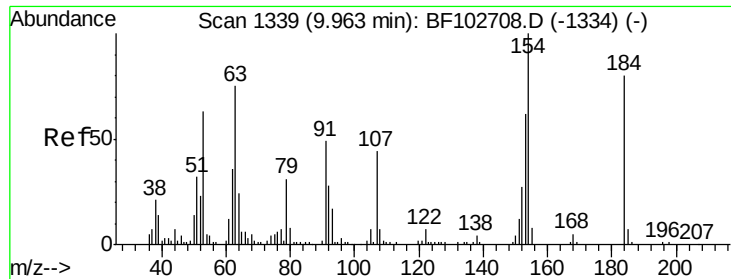


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

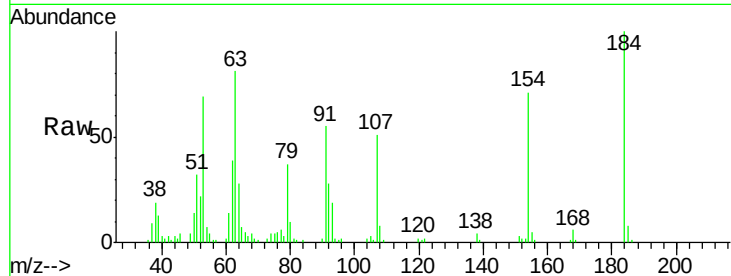




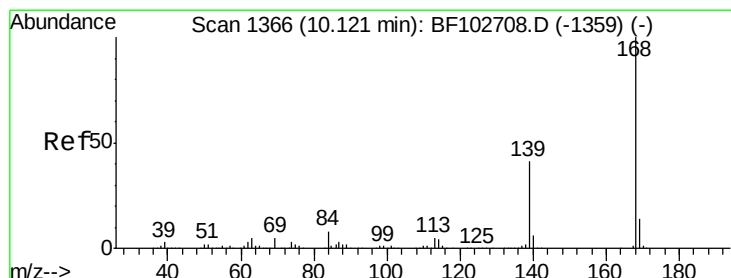
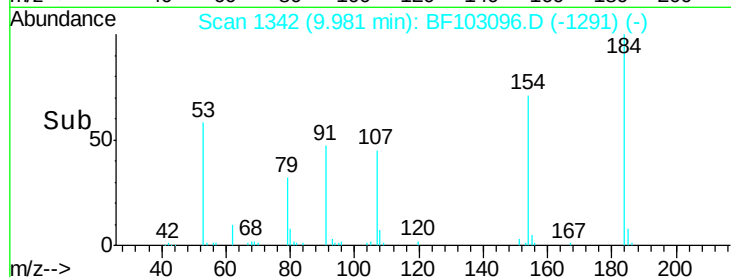
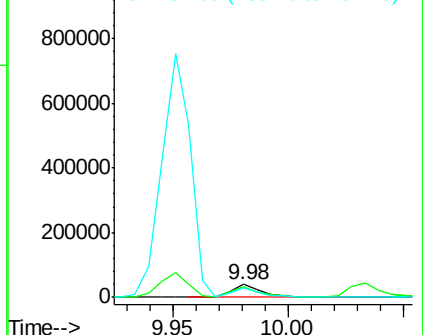
#53
2,4-Dinitrophenol
Concen: 41.70 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF103096.D
Acq: 19 Feb 2018 22:16

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 38219
Ion Ratio Lower Upper
184 100
63 80.8 54.2 81.2
154 70.8 184.0 276.0#

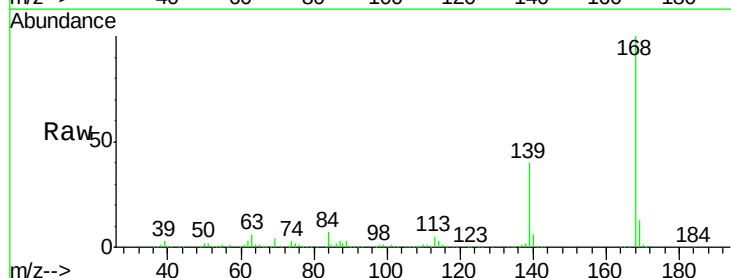


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

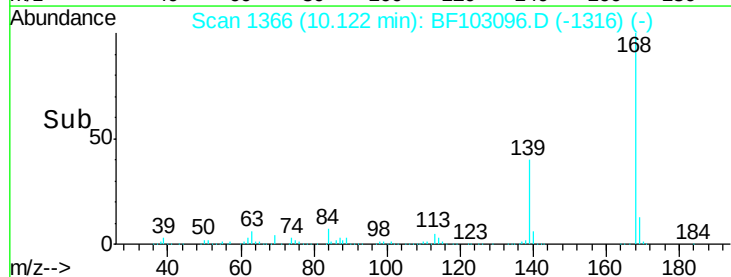
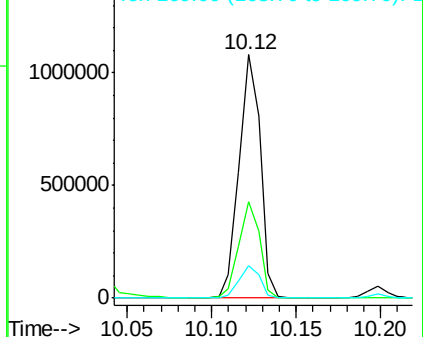


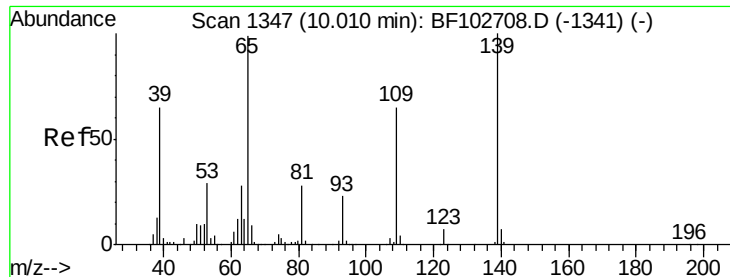
#54
Dibenzofuran
Concen: 38.02 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BF103096.D
Acq: 19 Feb 2018 22:16

Tgt Ion:168 Resp: 947697
Ion Ratio Lower Upper
168 100
139 39.7 30.1 45.1
169 13.4 10.9 16.3



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

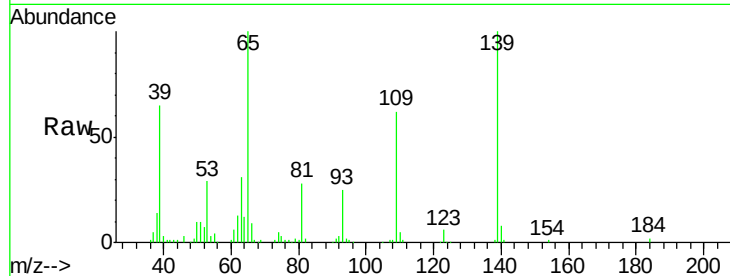




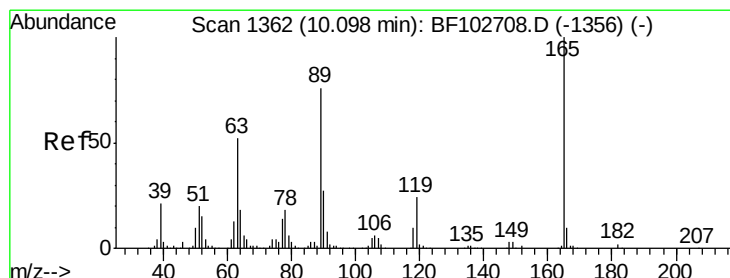
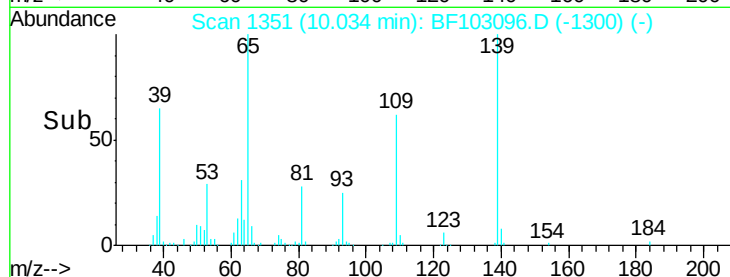
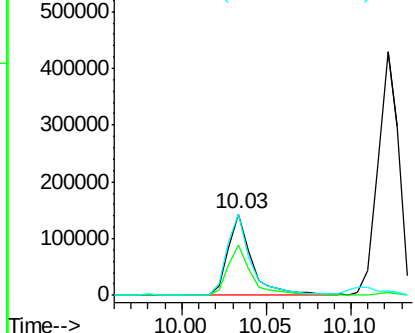
#55
4-Nitrophenol
Concen: 35.02 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF103096.D
Acq: 19 Feb 2018 22:16

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 140582
Ion Ratio Lower Upper
139 100
109 61.9 48.4 88.4
65 99.8 72.6 112.6

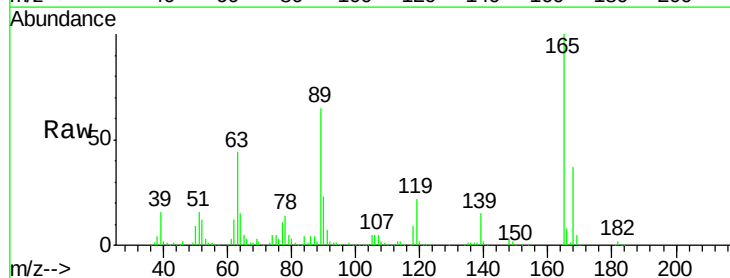


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

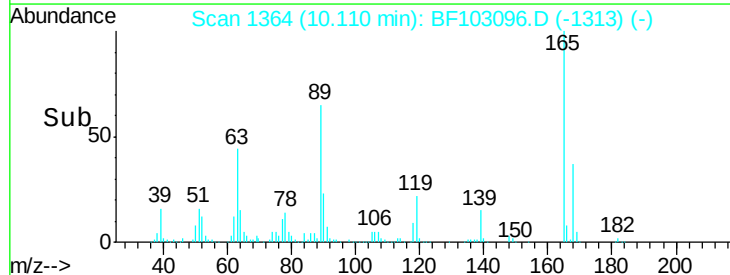
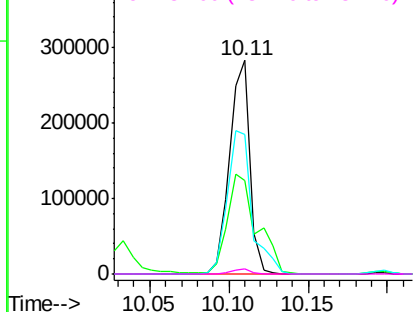


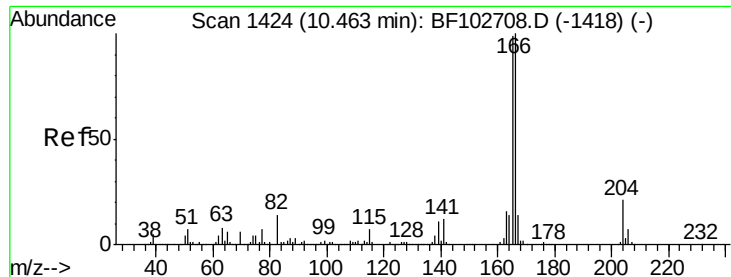
#56
2,4-Dinitrotoluene
Concen: 44.09 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BF103096.D
Acq: 19 Feb 2018 22:16

Tgt Ion:165 Resp: 250320
Ion Ratio Lower Upper
165 100
63 44.0 36.4 54.6
89 65.4 57.8 86.6
182 2.4 1.6 2.4



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





#57

Fluorene

Concen: 39.96 ng

RT: 10.47 min Scan# 1425

Delta R.T. 0.00 min

Lab File: BF103096.D

Acq: 19 Feb 2018 22:16

Instrument :

BNA_F

ClientSampled :

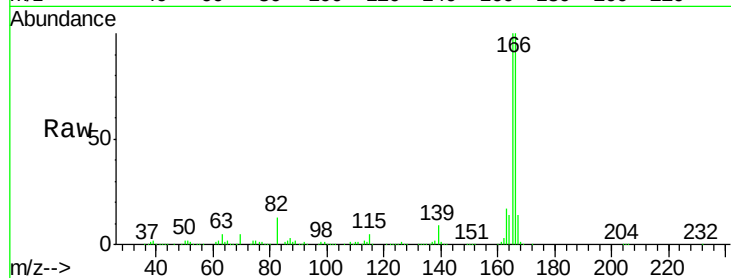
Tot Ion:166 Resp: 724674

Ion Ratio Lower Upper

166 100

165 100.1 79.8 119.8

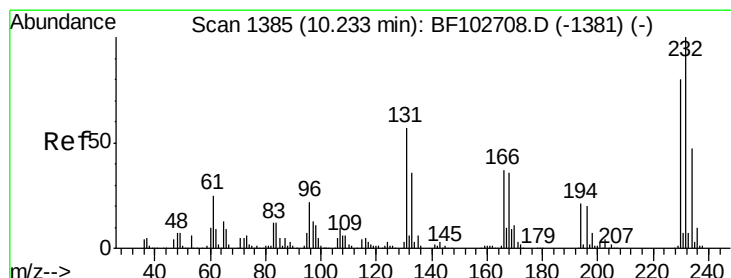
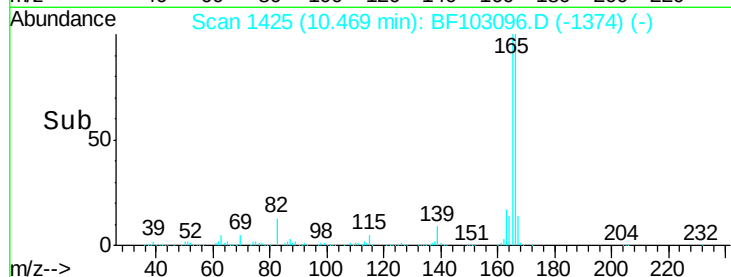
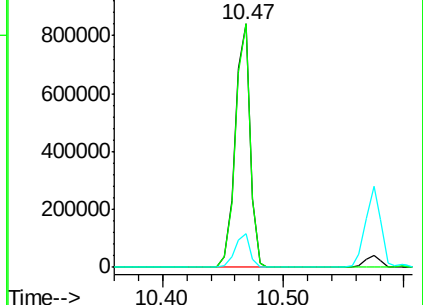
167 13.8 10.6 16.0



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.14 ng

RT: 10.24 min Scan# 1386

Delta R.T. -0.01 min

Lab File: BF103096.D

Acq: 19 Feb 2018 22:16

Tgt Ion:232 Resp: 161016

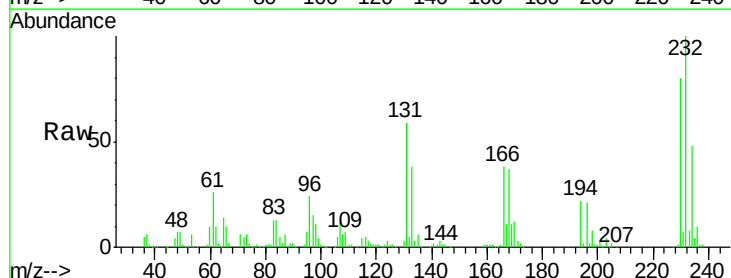
Ion Ratio Lower Upper

232 100

131 55.2 43.8 65.8

130 2.6 2.1 3.1

166 34.9 27.8 41.6

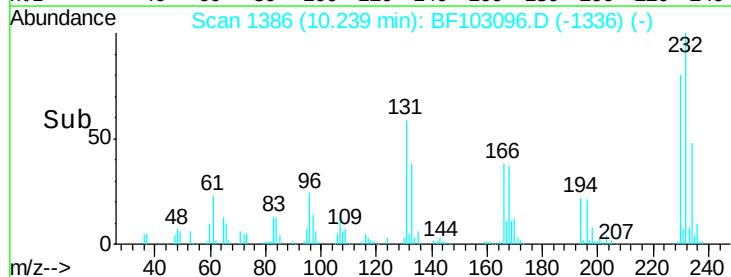
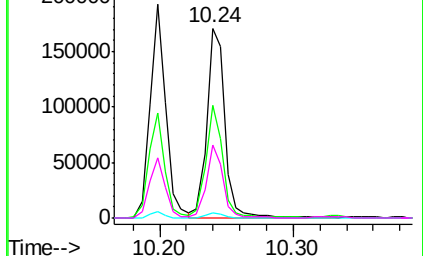


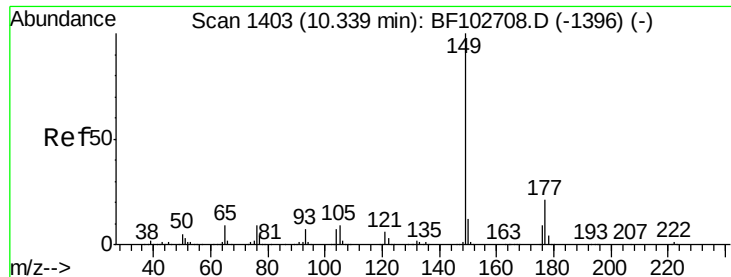
Abundance Ion 232.00 (231.70 to 232.70): E

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

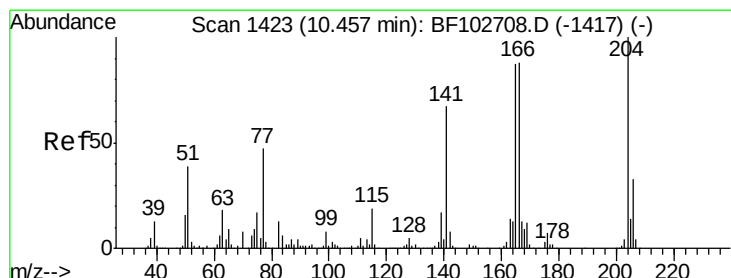
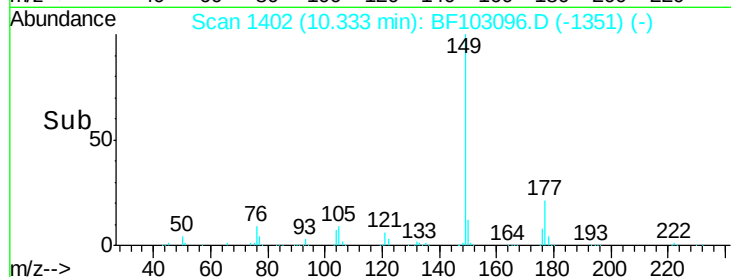
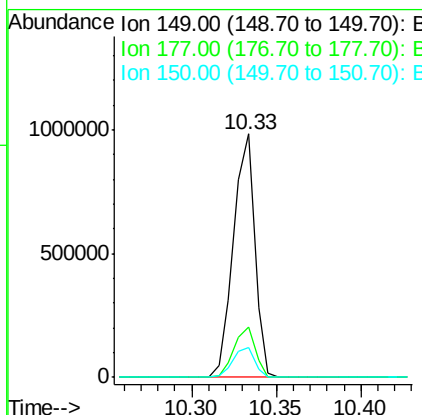
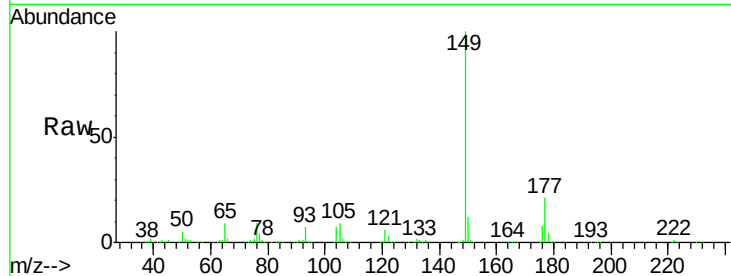




#59
Diethylphthalate
Concen: 39.11 ng
RT: 10.33 min Scan# 1402
Delta R.T. 0.00 min
Lab File: BF103096.D
Acq: 19 Feb 2018 22:16

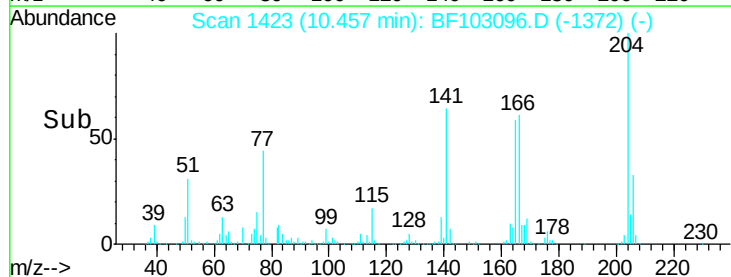
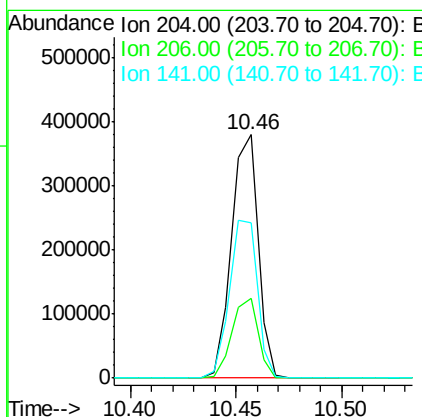
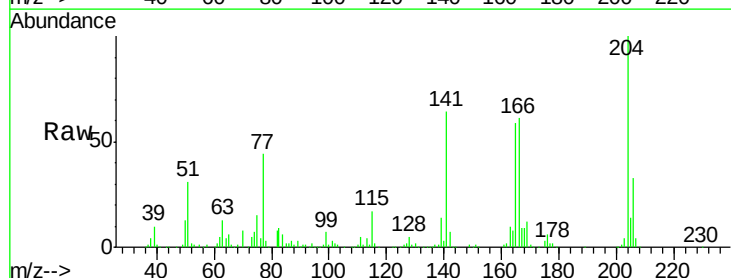
Instrument :
BNA_F
ClientSampleId :

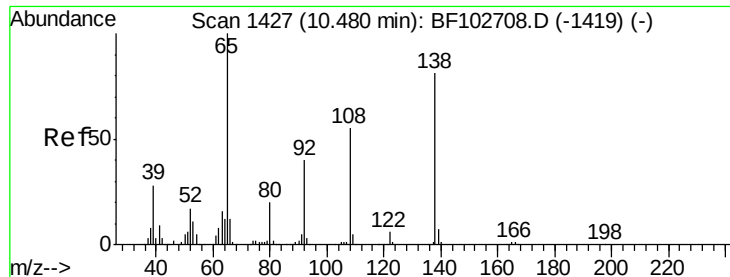
Tot Ion:149 Resp: 864499
Ion Ratio Lower Upper
149 100
177 20.7 16.1 24.1
150 12.1 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 41.14 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF103096.D
Acq: 19 Feb 2018 22:16

Tgt Ion:204 Resp: 330046
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 63.7 54.6 81.8





#61

4-Nitroaniline

Concen: 46.47 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.01 min

Lab File: BF103096.D

Acq: 19 Feb 2018 22:16

Instrument :

BNA_F

ClientSampleId :

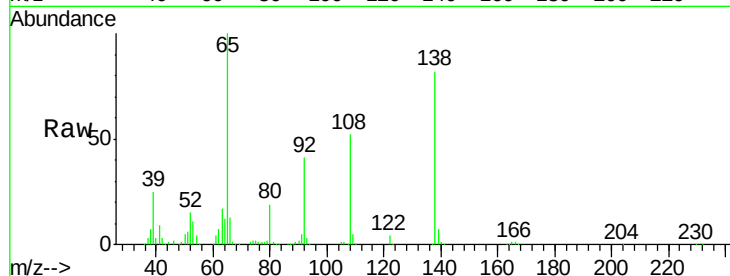
Tot Ion:138 Resp: 231828

Ion Ratio Lower Upper

138 100

92 49.8 30.2 70.2

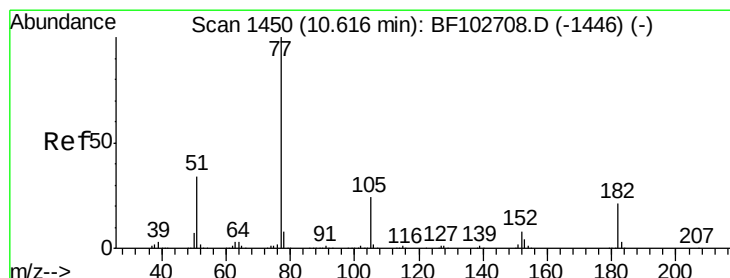
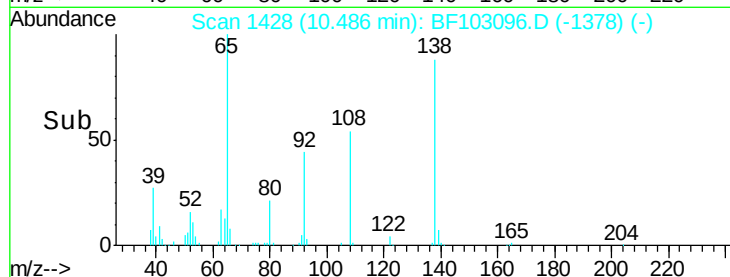
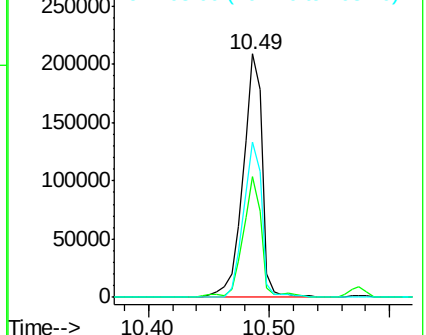
108 63.9 52.5 92.5



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



#62

Azobenzene

Concen: 37.76 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF103096.D

Acq: 19 Feb 2018 22:16

Tgt Ion: 77 Resp: 833930

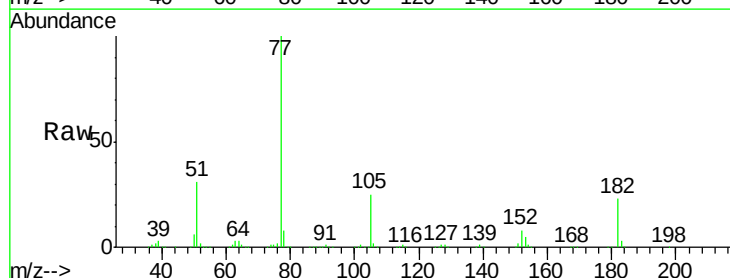
Ion Ratio Lower Upper

77 100

182 22.6 1.7 41.7

105 24.6 3.0 43.0

51 31.3 9.9 49.9

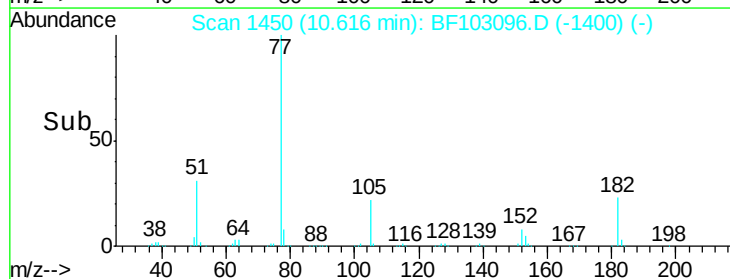
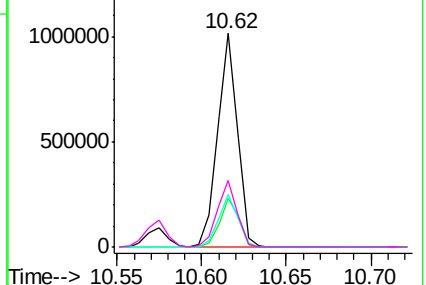


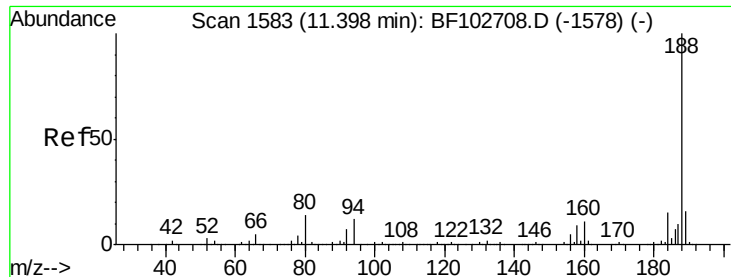
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

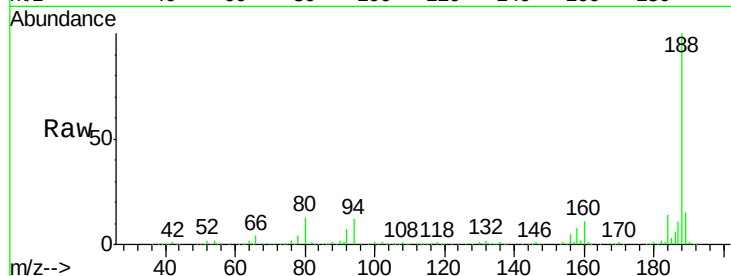




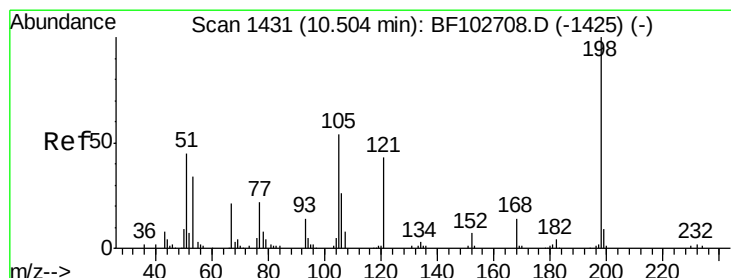
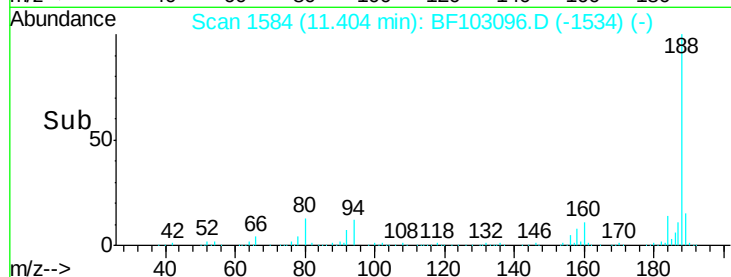
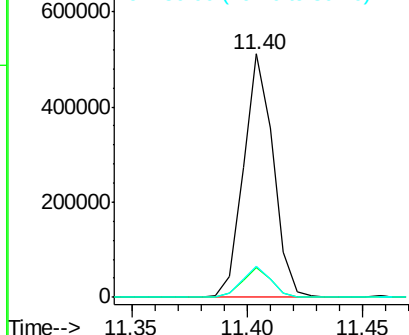
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF103096.D
Acq: 19 Feb 2018 22:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 457427
Ion Ratio Lower Upper
188 100
94 12.2 8.5 12.7
80 13.0 9.2 13.8

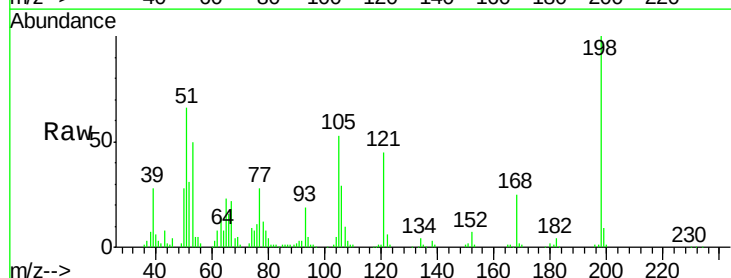


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

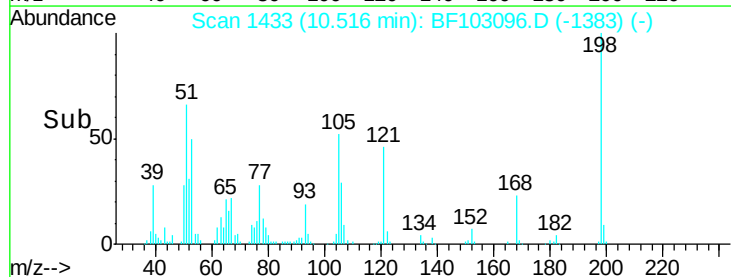
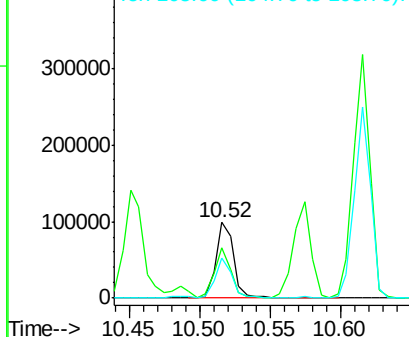


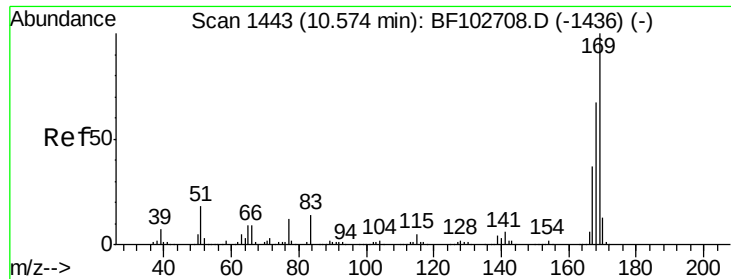
#64
4,6-Dinitro-2-methylphenol
Concen: 46.02 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF103096.D
Acq: 19 Feb 2018 22:16

Tgt Ion:198 Resp: 86235
Ion Ratio Lower Upper
198 100
51 66.0 37.7 77.7
105 52.5 36.3 76.3



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





#65

n-Nitrosodiphenylamine

Concen: 41.24 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF103096.D

Acq: 19 Feb 2018 22:16

Instrument :

BNA_F

ClientSampleId :

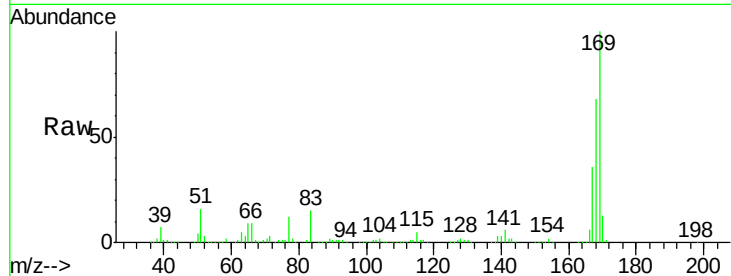
Tot Ion:169 Resp: 665404

Ion Ratio Lower Upper

169 100

168 67.7 54.4 81.6

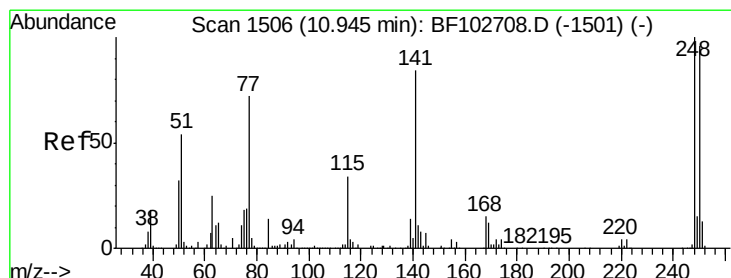
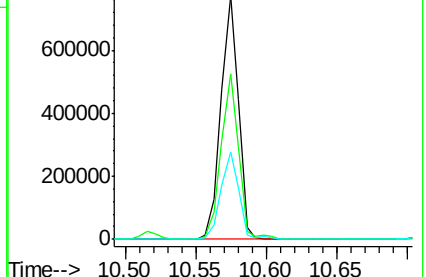
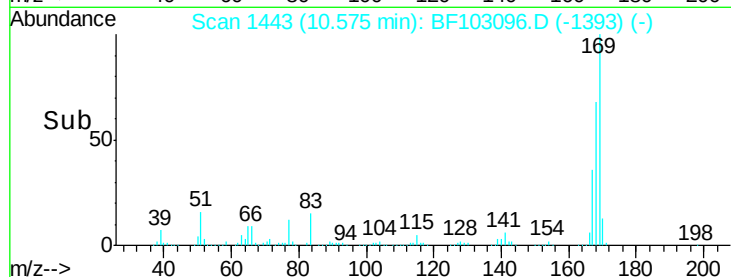
167 36.2 29.8 44.6



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



#66

4-Bromophenyl-phenylether

Concen: 41.23 ng

RT: 10.95 min Scan# 1506

Delta R.T. -0.01 min

Lab File: BF103096.D

Acq: 19 Feb 2018 22:16

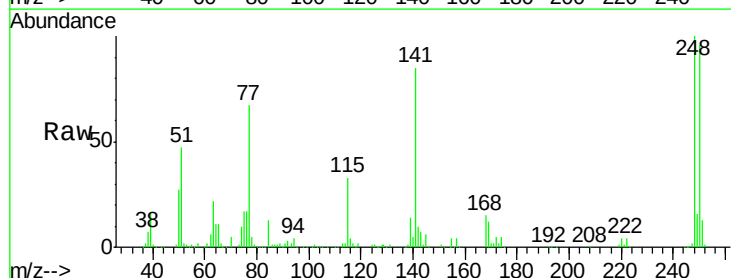
Tgt Ion:248 Resp: 199488

Ion Ratio Lower Upper

248 100

250 96.2 76.9 115.3

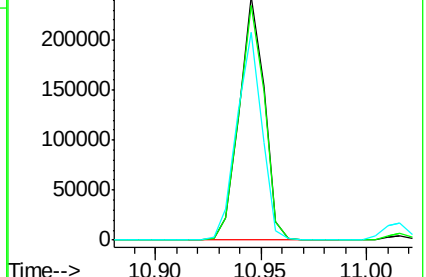
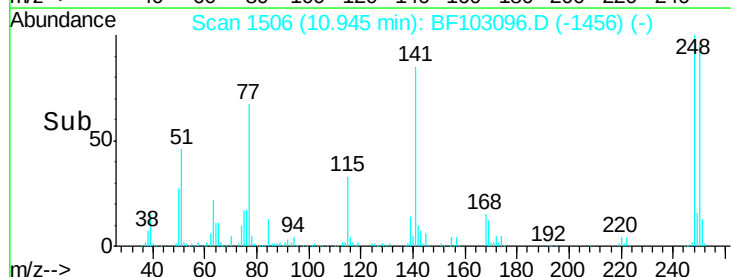
141 85.3 74.4 111.6

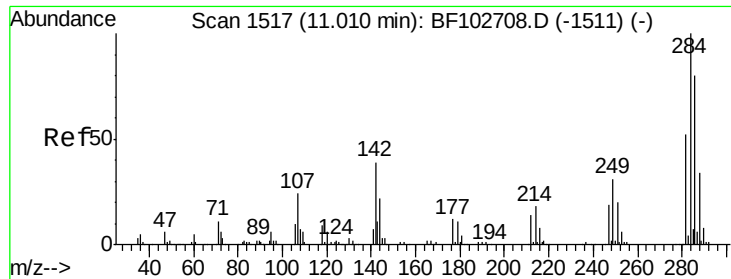


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

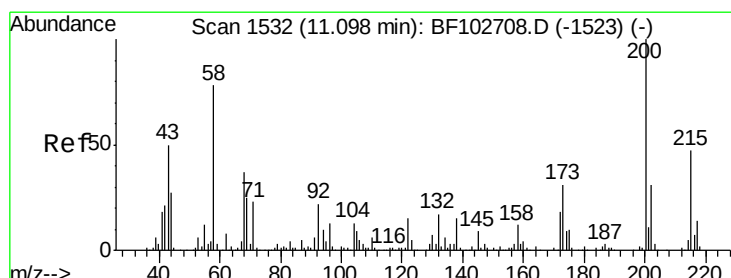
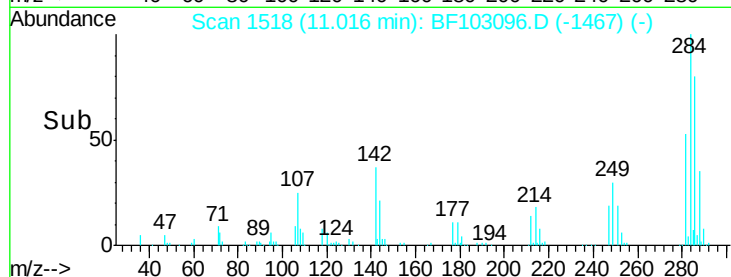
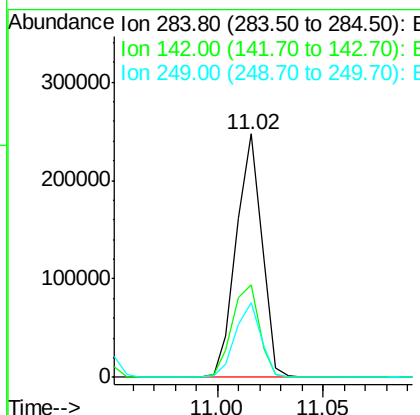
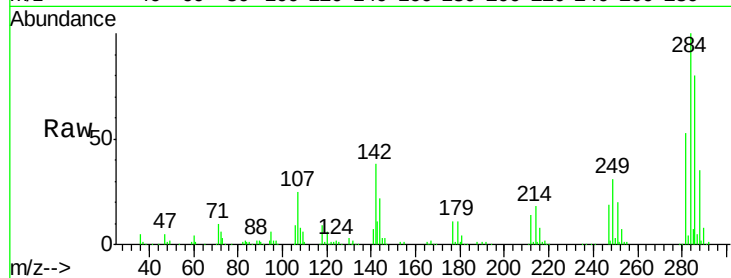




#67
Hexachlorobenzene
Concen: 38.74 ng
RT: 11.02 min Scan# 1518
Delta R.T. 0.00 min
Lab File: BF103096.D
Acq: 19 Feb 2018 22:16

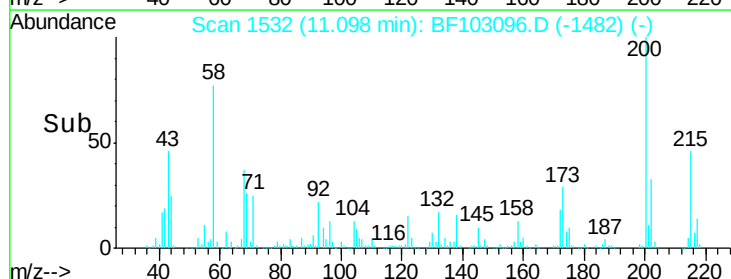
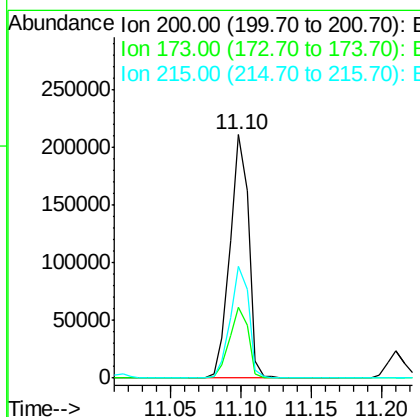
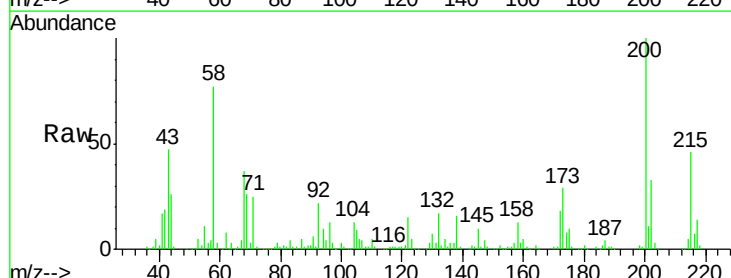
Instrument :
BNA_F
ClientSampleId :

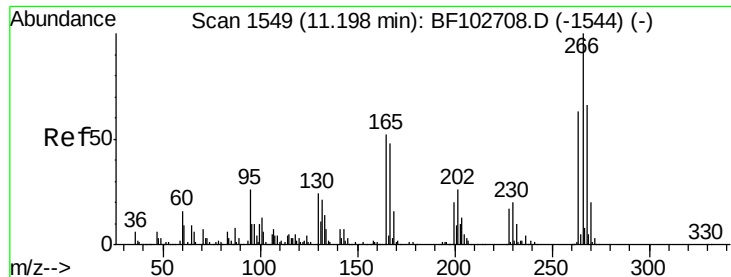
Tot Ion:284 Resp: 206792
Ion Ratio Lower Upper
284 100
142 38.3 34.6 52.0
249 30.8 24.8 37.2



#68
Atrazine
Concen: 40.97 ng
RT: 11.10 min Scan# 1532
Delta R.T. -0.01 min
Lab File: BF103096.D
Acq: 19 Feb 2018 22:16

Tgt Ion:200 Resp: 195004
Ion Ratio Lower Upper
200 100
173 29.3 8.6 48.6
215 45.9 25.1 65.1

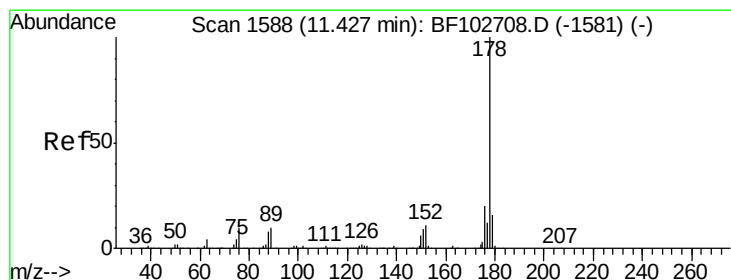
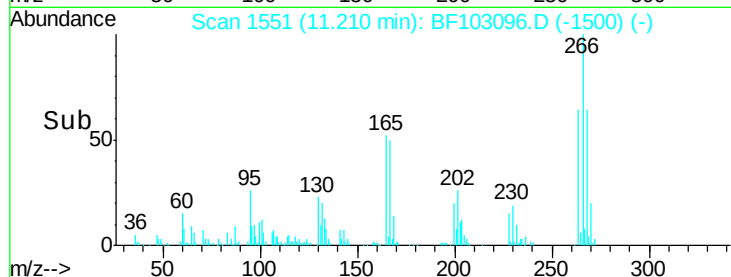
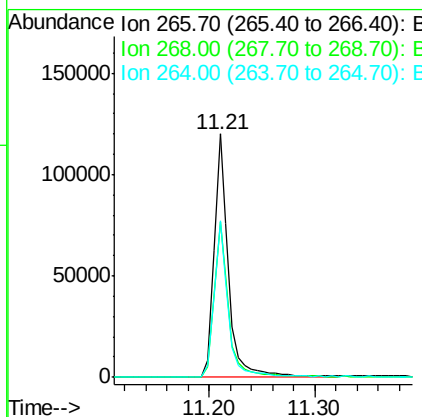
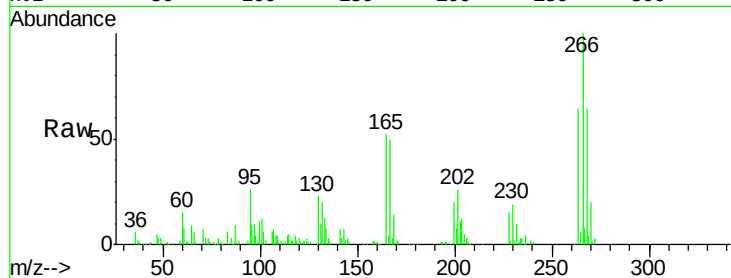




#69
 Pentachlorophenol
 Concen: 37.54 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. 0.00 min
 Lab File: BF103096.D
 Acq: 19 Feb 2018 22:16

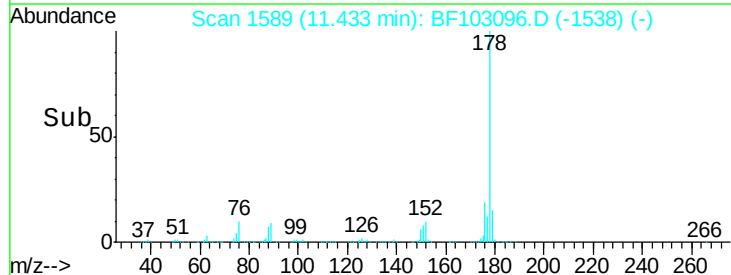
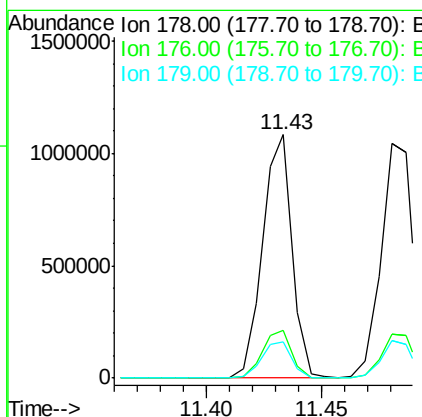
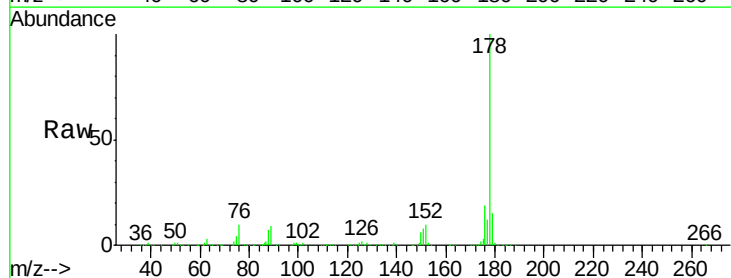
Instrument :
 BNA_F
 ClientSampleId :

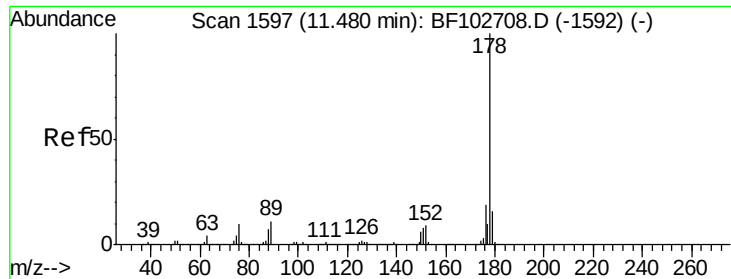
Tot Ion:266 Resp: 117648
 Ion Ratio Lower Upper
 266 100
 268 63.8 51.1 76.7
 264 64.2 49.5 74.3



#70
 Phenanthrene
 Concen: 37.80 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. 0.00 min
 Lab File: BF103096.D
 Acq: 19 Feb 2018 22:16

Tgt Ion:178 Resp: 963000
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.8
 179 15.0 13.0 19.6

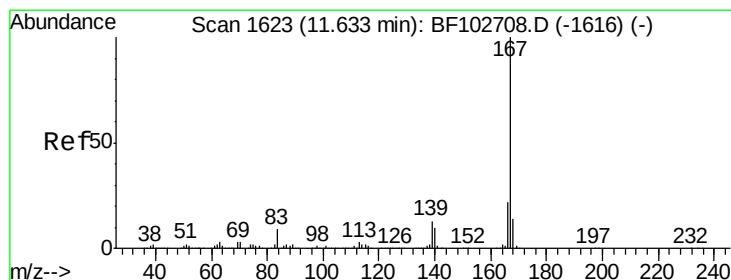
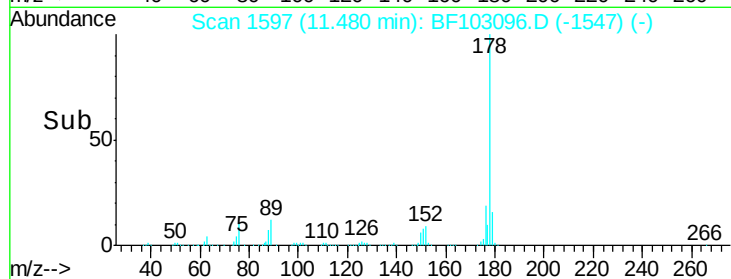
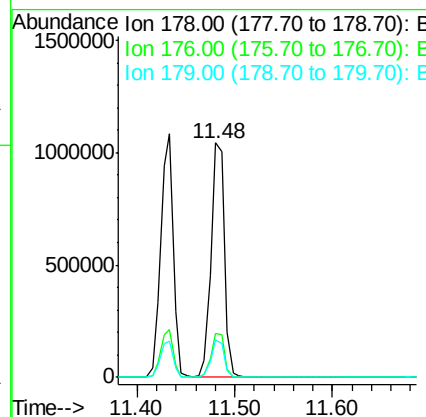
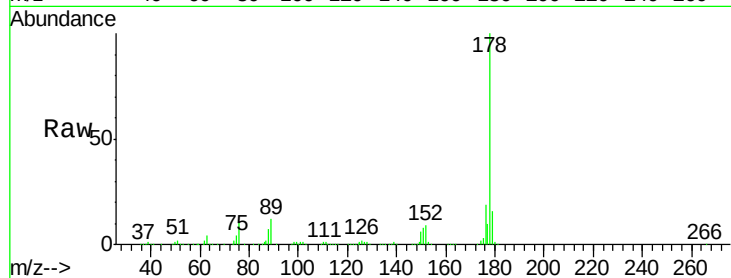




#71
 Anthracene
 Concen: 38.55 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF103096.D
 Acq: 19 Feb 2018 22:16

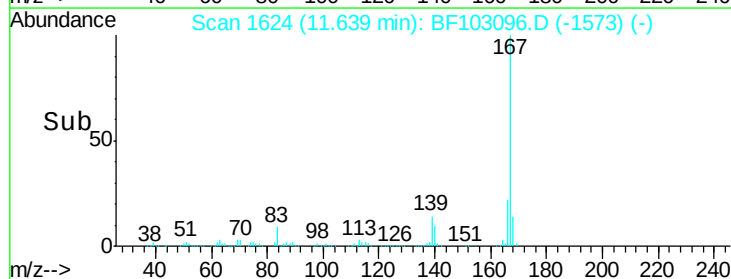
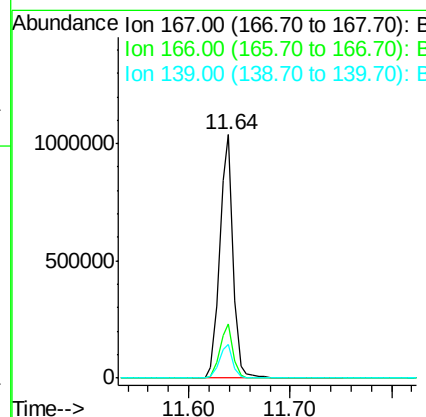
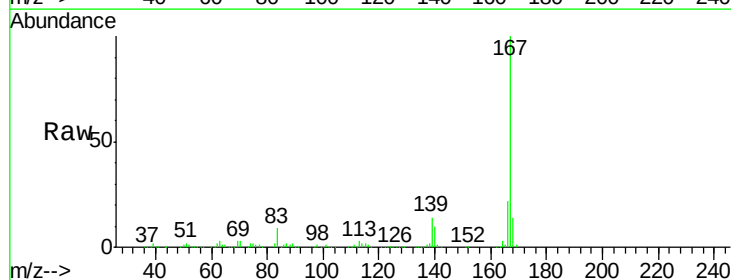
Instrument :
 BNA_F
 ClientSampled :

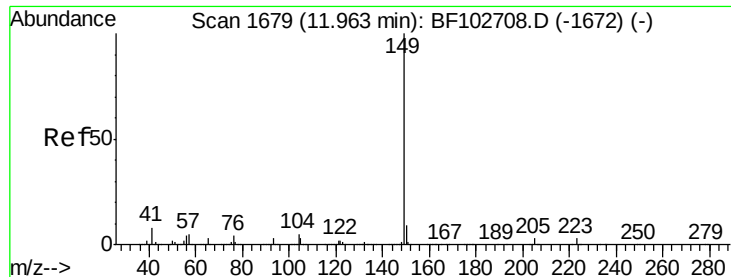
Tot Ion:178 Resp: 998747
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.2
 179 15.8 12.6 19.0



#72
 Carbazole
 Concen: 37.24 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BF103096.D
 Acq: 19 Feb 2018 22:16

Tgt Ion:167 Resp: 945245
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.6 26.4
 139 14.0 10.9 16.3





#73

Di-n-butylphthalate

Concen: 41.85 ng

RT: 11.96 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BF103096.D

Acq: 19 Feb 2018 22:16

Instrument :

BNA_F

ClientSampleId :

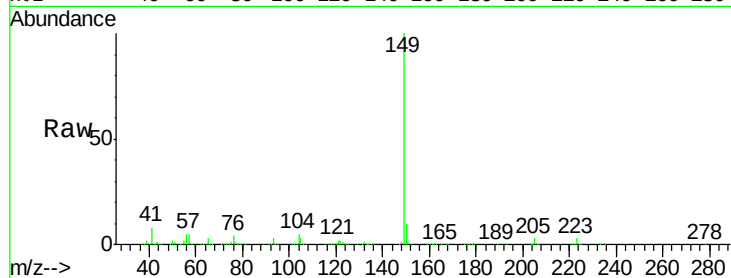
Tot Ion:149 Resp: 1290336

Ion Ratio Lower Upper

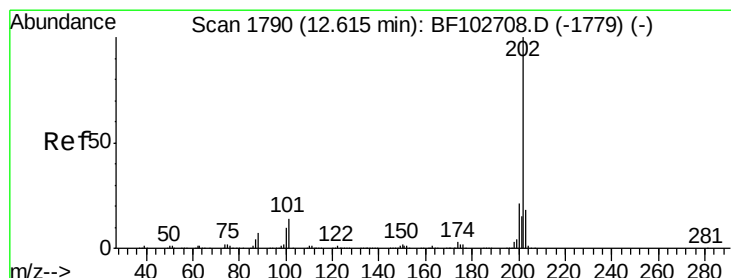
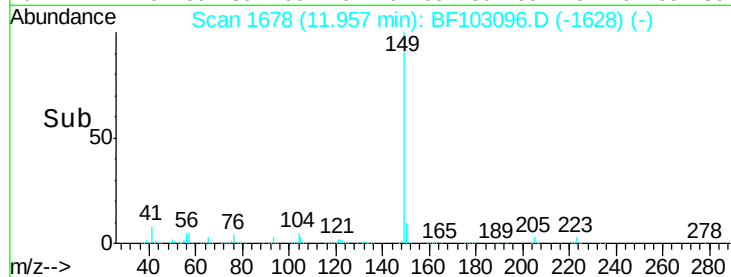
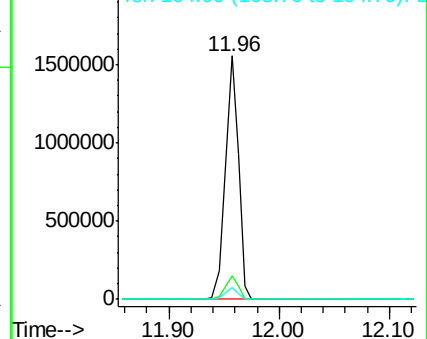
149 100

150 9.7 7.8 11.6

104 4.7 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 32.60 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BF103096.D

Acq: 19 Feb 2018 22:16

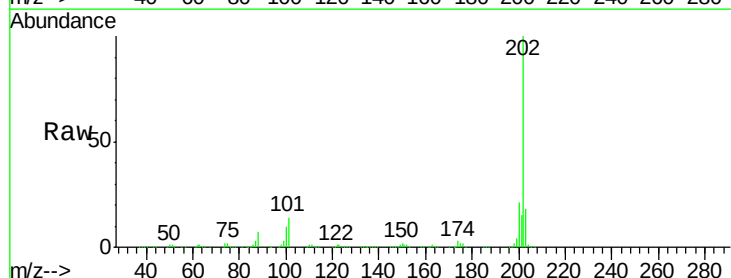
Tgt Ion:202 Resp: 835487

Ion Ratio Lower Upper

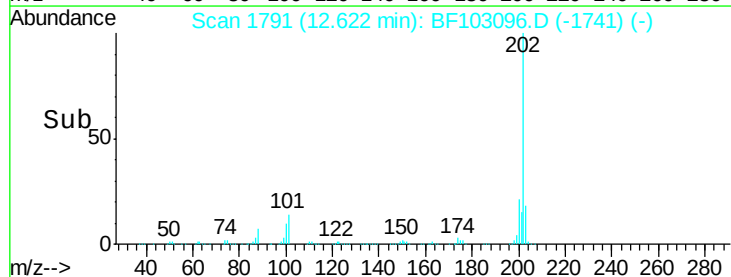
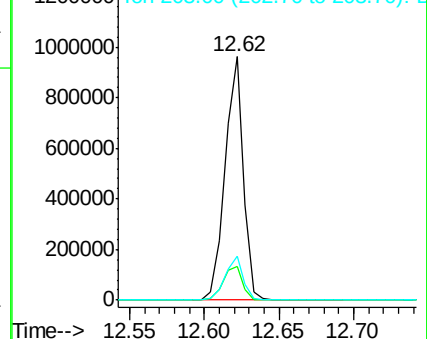
202 100

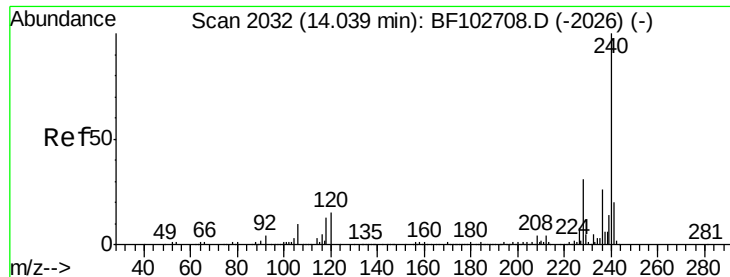
101 14.1 0.0 34.1

203 18.1 0.0 38.1



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF103096.D

Acq: 19 Feb 2018 22:16

Instrument :

BNA_F

ClientSampleId :

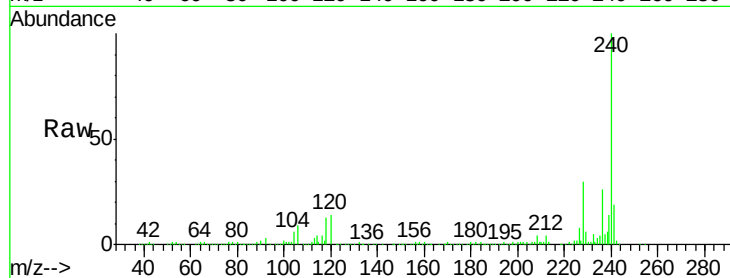
Tot Ion:240 Resp: 276187

Ion Ratio Lower Upper

240 100

120 13.9 9.5 14.3

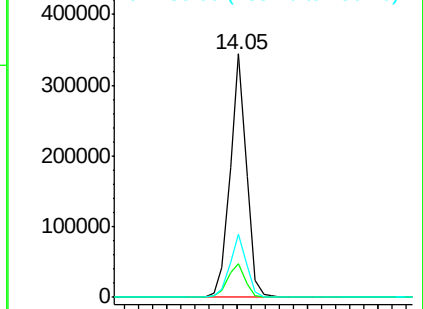
236 26.1 20.7 31.1



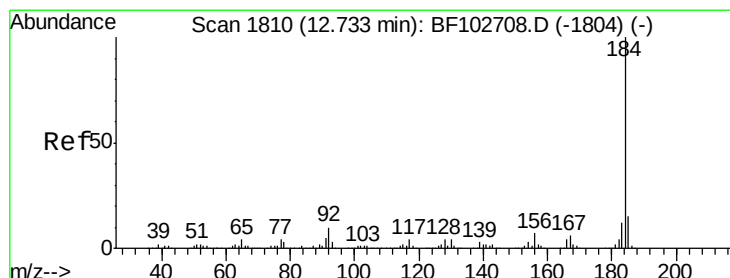
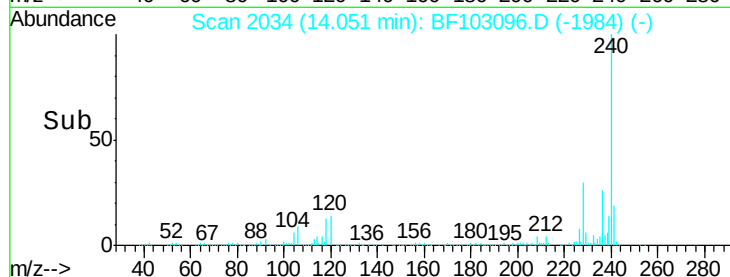
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#76

Benzidine

Concen: 30.31 ng

RT: 12.74 min Scan# 1811

Delta R.T. -0.01 min

Lab File: BF103096.D

Acq: 19 Feb 2018 22:16

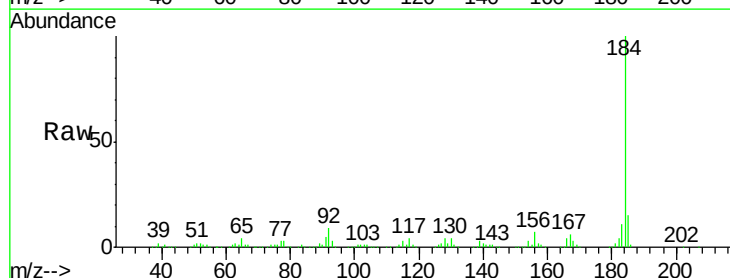
Tgt Ion:184 Resp: 384765

Ion Ratio Lower Upper

184 100

185 15.1 12.6 18.8

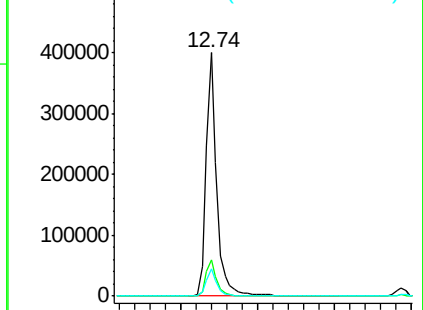
183 11.3 9.3 13.9



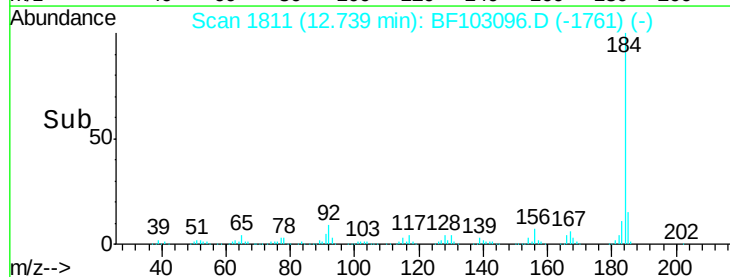
Abundance Ion 184.00 (183.70 to 184.70): E

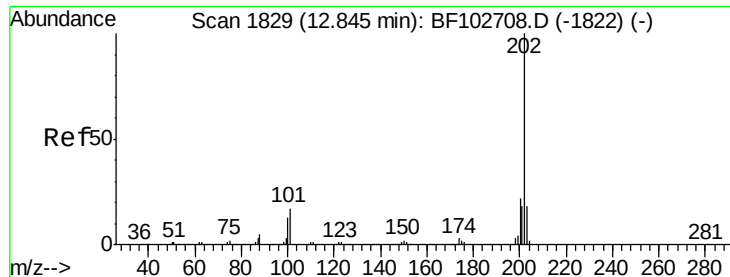
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->

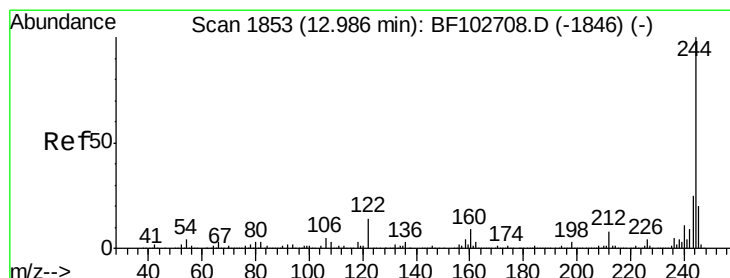
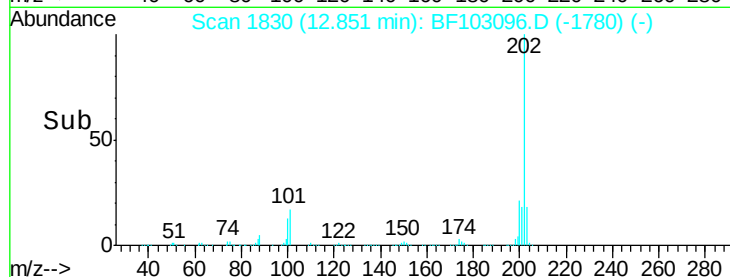
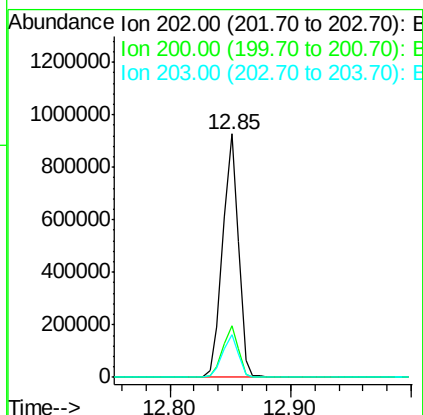
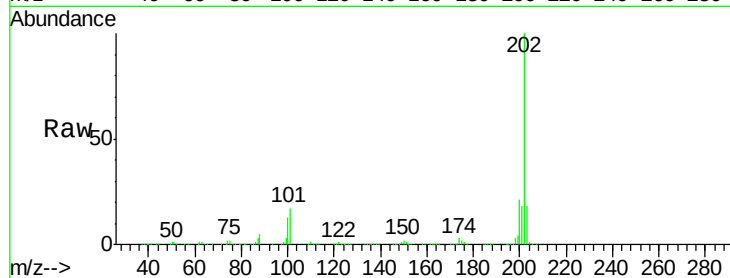




#77
Pvrene
Concen: 38.60 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF103096.D
Acq: 19 Feb 2018 22:16

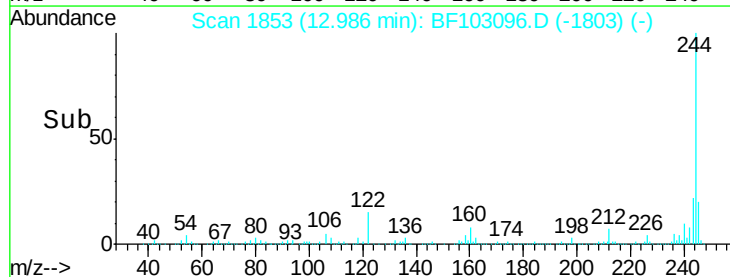
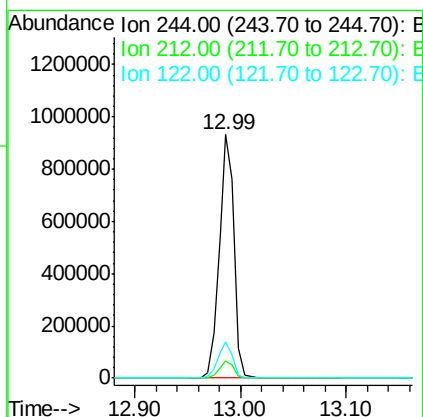
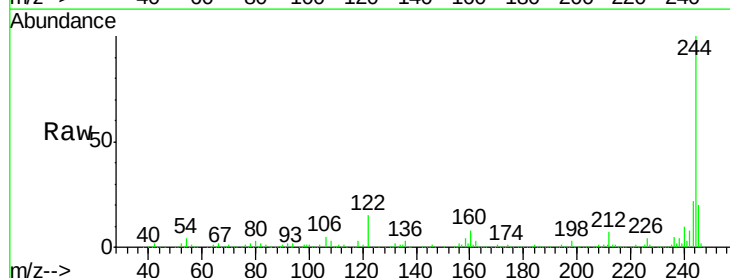
Instrument :
BNA_F
ClientSampleId :

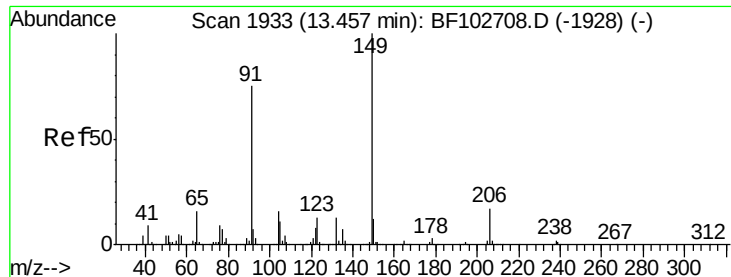
Tot Ion:202 Resp: 836036
Ion Ratio Lower Upper
202 100
200 21.1 17.4 26.2
203 17.6 14.3 21.5



#78
Terphenyl-d14
Concen: 78.35 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BF103096.D
Acq: 19 Feb 2018 22:16

Tgt Ion:244 Resp: 913911
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.0
122 15.1 11.0 16.4

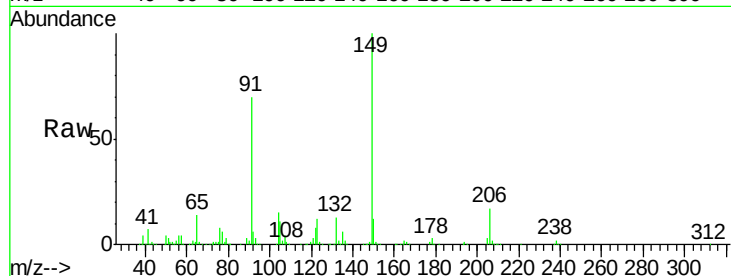




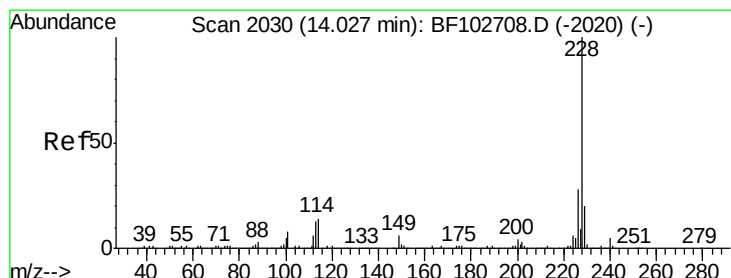
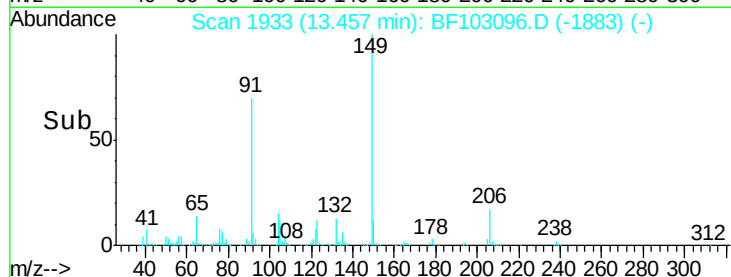
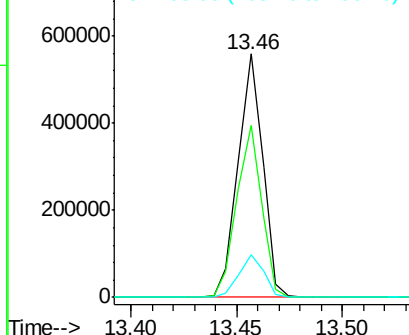
#79
Butylbenzylphthalate
Concen: 43.65 ng
RT: 13.46 min Scan# 1933
Delta R.T. -0.01 min
Lab File: BF103096.D
Acq: 19 Feb 2018 22:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
91	70.5	56.8	85.2
206	17.4	14.1	21.1

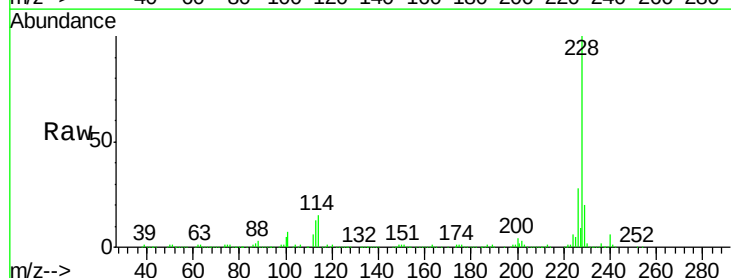


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

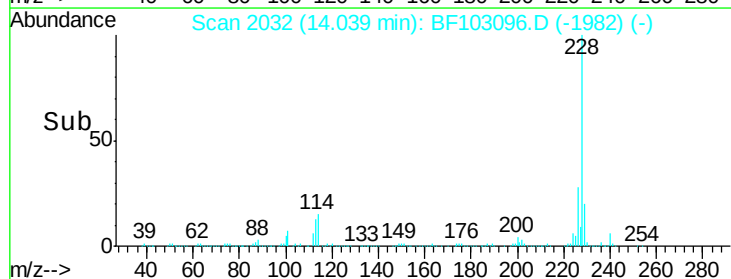
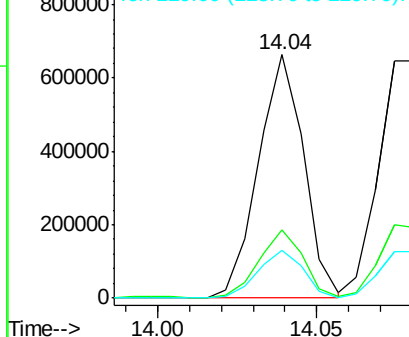


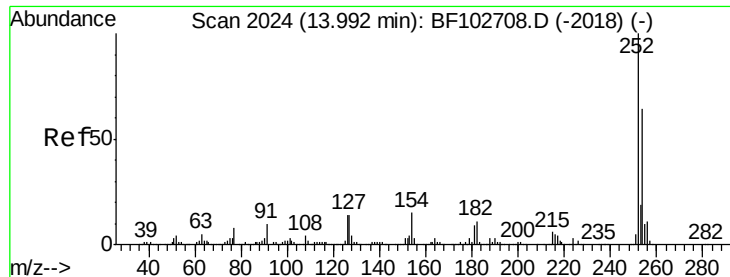
#80
Benzo(a)anthracene
Concen: 38.14 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF103096.D
Acq: 19 Feb 2018 22:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	33.8
229	19.6	15.8	23.6



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

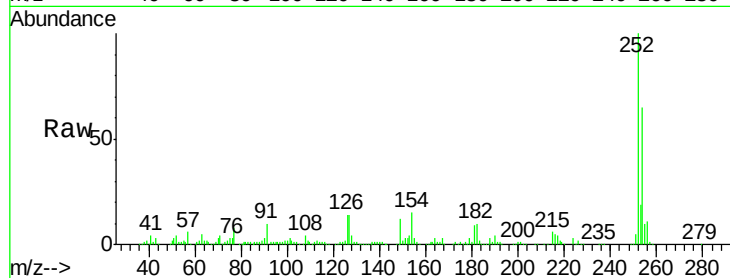




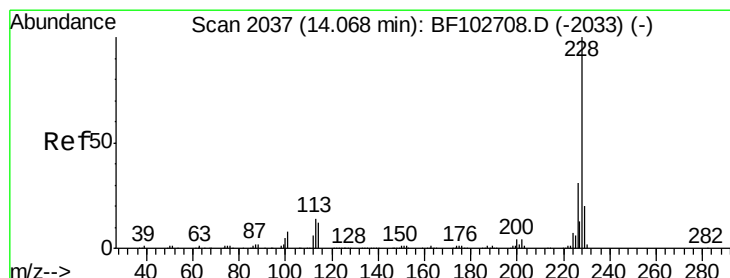
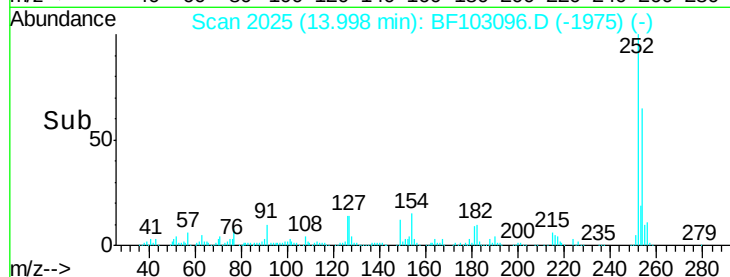
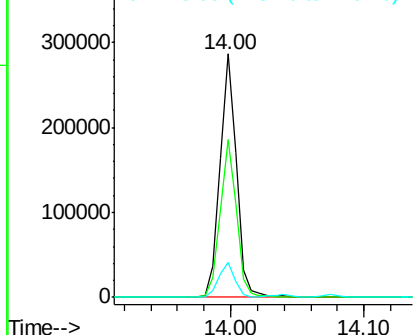
#81
 3,3'-Dichlorobenzidine
 Concen: 39.25 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF103096.D
 Acq: 19 Feb 2018 22:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.7	50.4	75.6
126	14.3	11.3	16.9

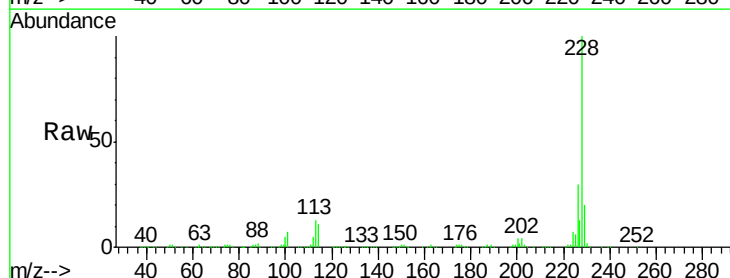


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

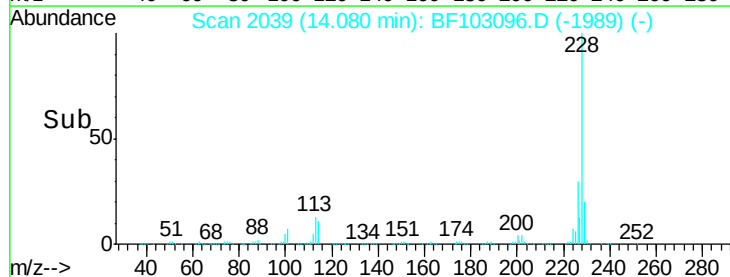
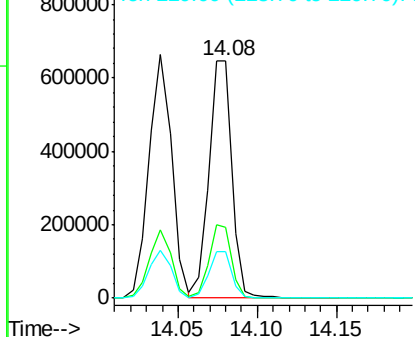


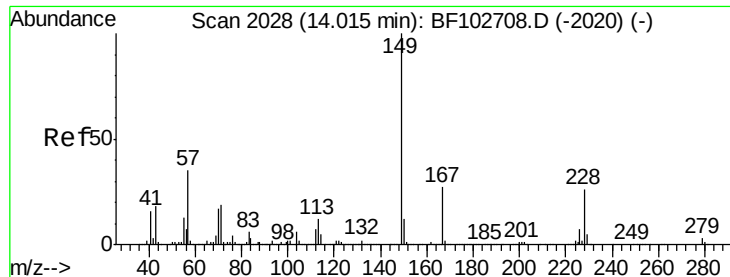
#82
 Chrysene
 Concen: 37.40 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. -0.01 min
 Lab File: BF103096.D
 Acq: 19 Feb 2018 22:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.0	37.6
229	19.7	16.2	24.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 48.12 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF103096.D

Acq: 19 Feb 2018 22:16

Instrument :

BNA_F

ClientSampleId :

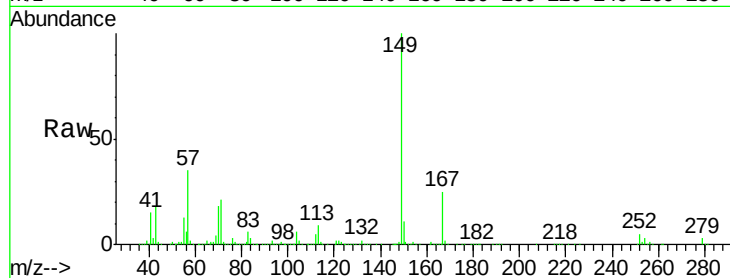
Tot Ion:149 Resp: 638373

Ion Ratio Lower Upper

149 100

167 25.4 21.3 31.9

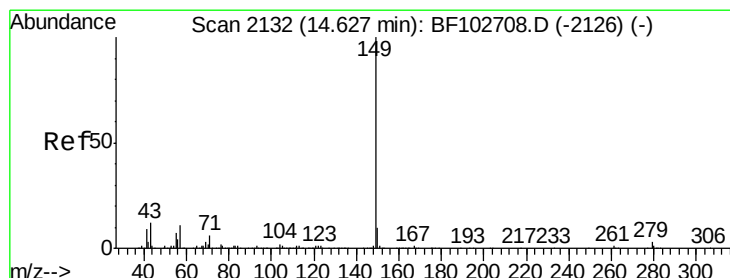
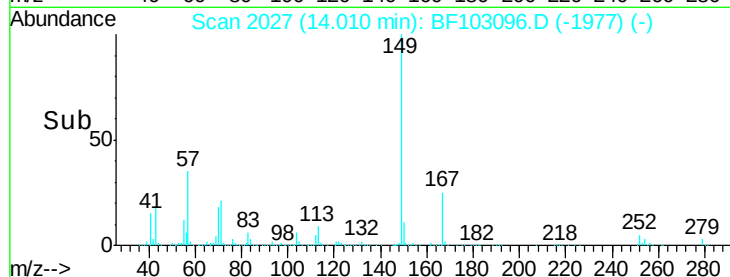
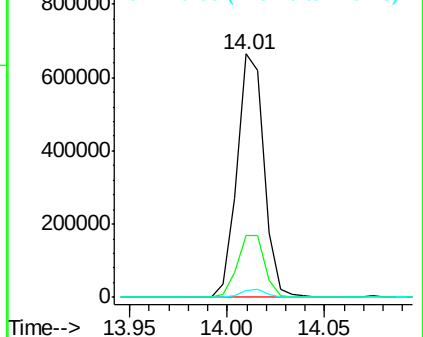
279 2.6 3.0 4.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 48.62 ng

RT: 14.63 min Scan# 2133

Delta R.T. -0.01 min

Lab File: BF103096.D

Acq: 19 Feb 2018 22:16

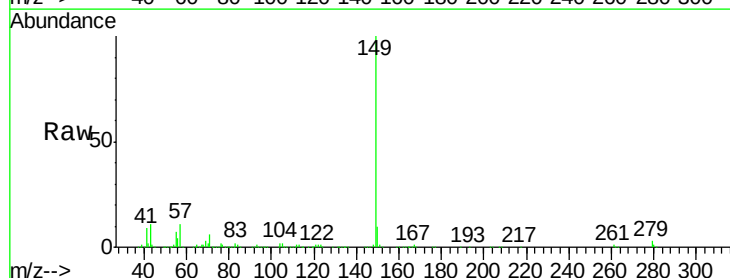
Tgt Ion:149 Resp: 968555

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

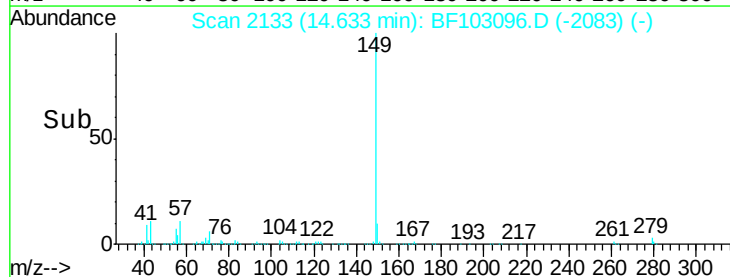
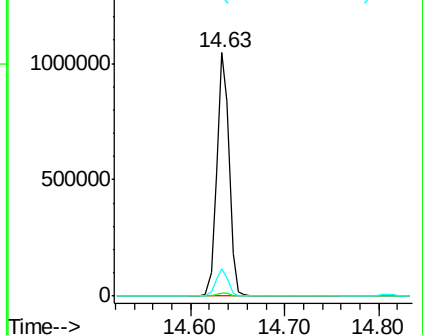
43 11.0 8.4 12.6

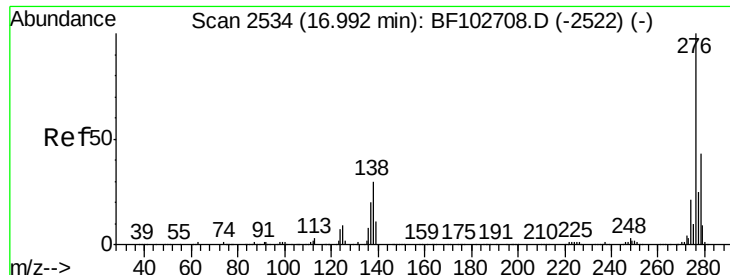


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

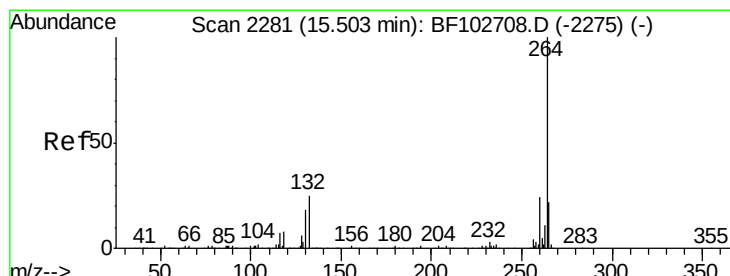
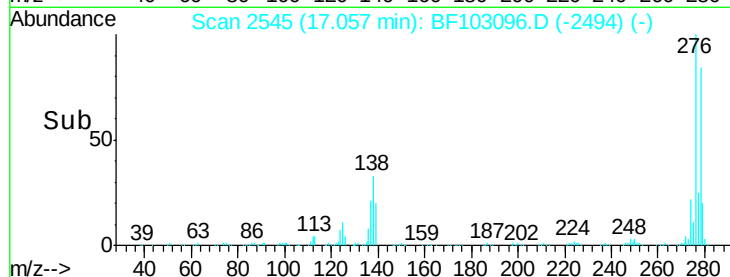
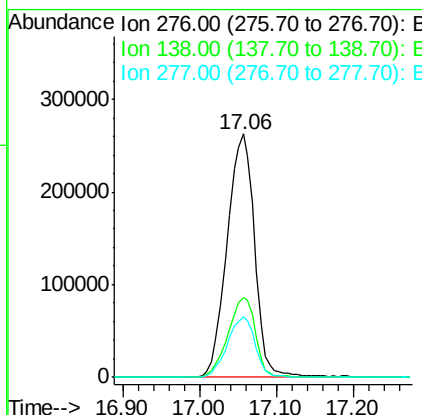
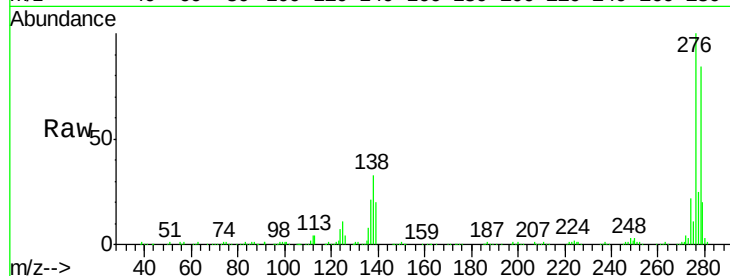




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.17 ng
 RT: 17.06 min Scan# 2545
 Delta R.T. 0.00 min
 Lab File: BF103096.D
 Acq: 19 Feb 2018 22:16

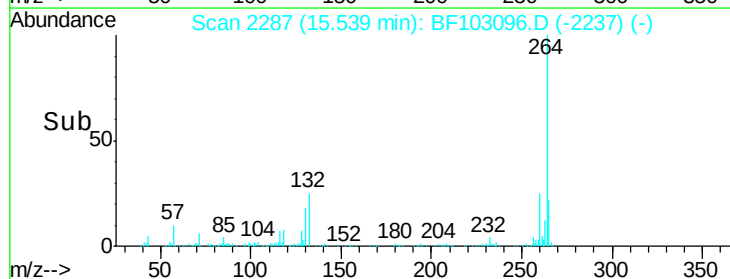
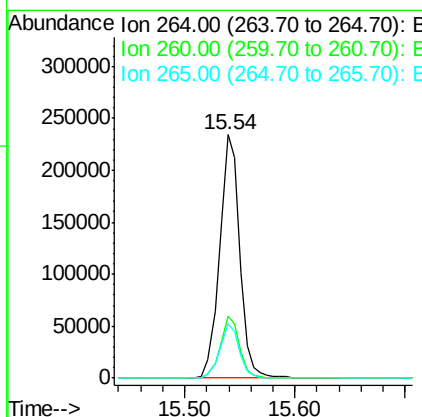
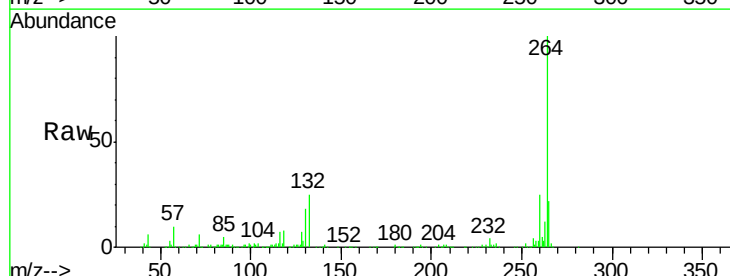
Instrument :
 BNA_F
 ClientSampleId :

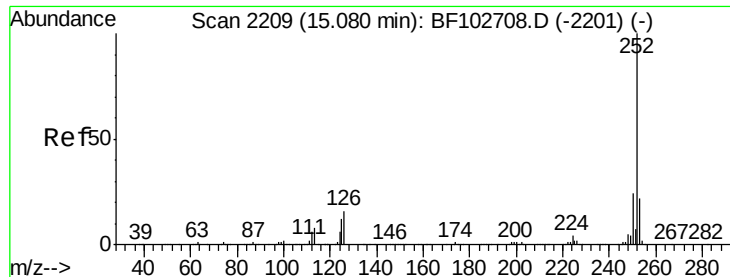
Tot Ion	Ratio	Lower	Upper
276	100		
138	33.1	25.0	37.6
277	25.1	20.1	30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.54 min Scan# 2287
 Delta R.T. -0.01 min
 Lab File: BF103096.D
 Acq: 19 Feb 2018 22:16

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.2	28.8
265	22.4	17.5	26.3

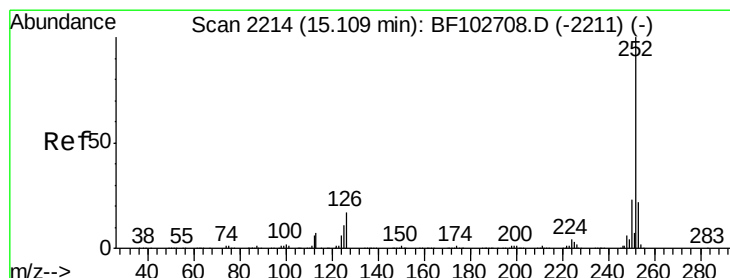
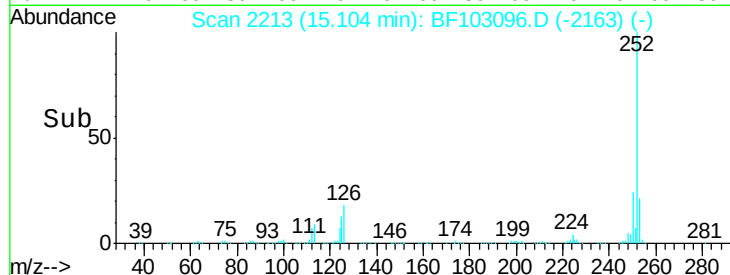
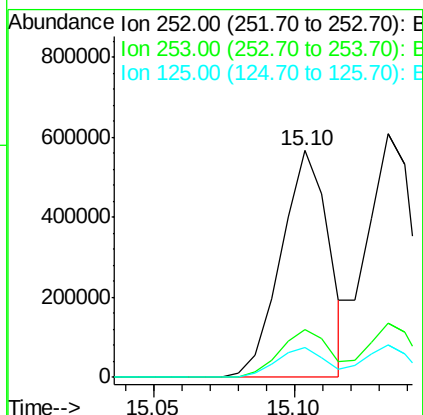
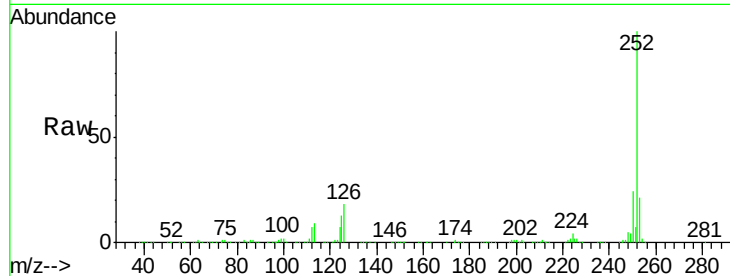




#87
Benzo(b)fluoranthene
Concen: 34.37 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BF103096.D
Acq: 19 Feb 2018 22:16

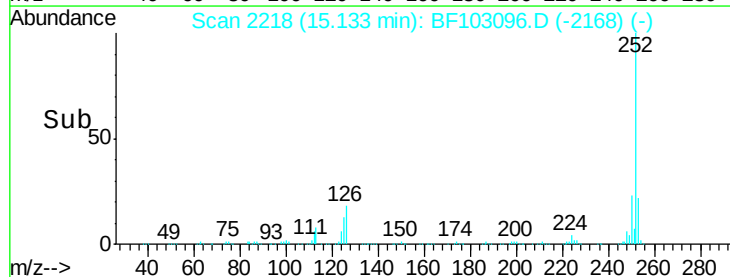
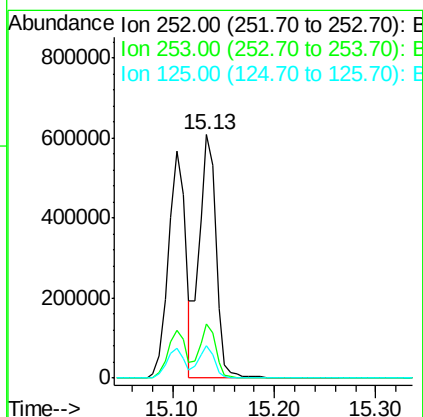
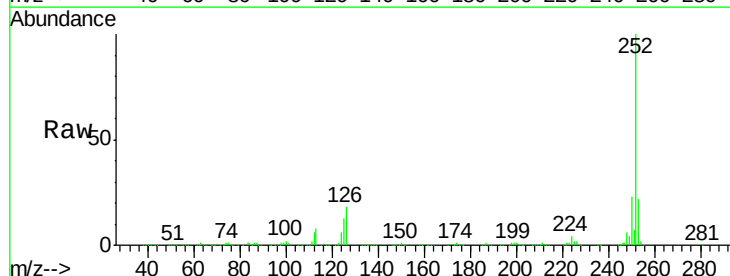
Instrument :
BNA_F
ClientSampleId :

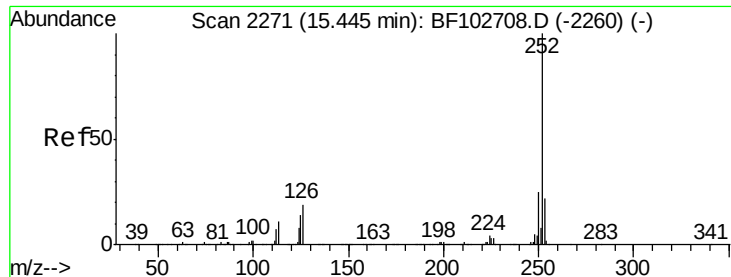
Tot Ion:252 Resp: 662949
Ion Ratio Lower Upper
252 100
253 21.3 17.0 25.6
125 13.2 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 37.99 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BF103096.D
Acq: 19 Feb 2018 22:16

Tgt Ion:252 Resp: 700189
Ion Ratio Lower Upper
252 100
253 22.4 17.9 26.9
125 13.2 10.2 15.2





#89

Benzo(a)pyrene

Concen: 37.93 ng

RT: 15.48 min Scan# 2277

Delta R.T. -0.01 min

Lab File: BF103096.D

Acq: 19 Feb 2018 22:16

Instrument :

BNA_F

ClientSampleId :

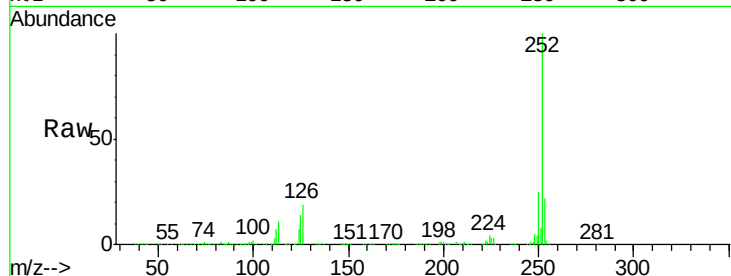
Tot Ion:252 Resp: 658464

Ion Ratio Lower Upper

252 100

253 21.6 17.1 25.7

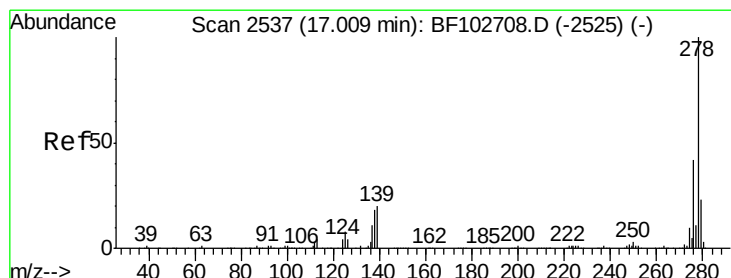
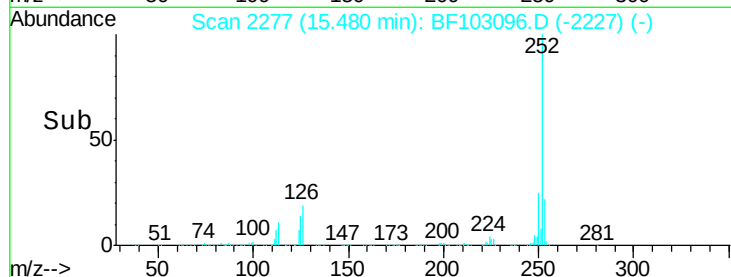
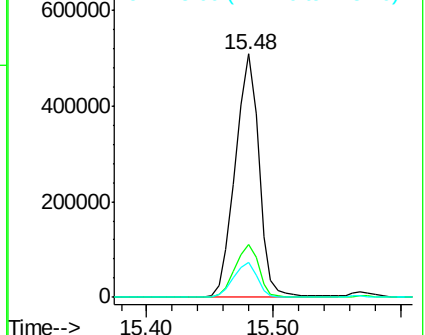
125 14.4 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 39.70 ng

RT: 17.07 min Scan# 2547

Delta R.T. -0.01 min

Lab File: BF103096.D

Acq: 19 Feb 2018 22:16

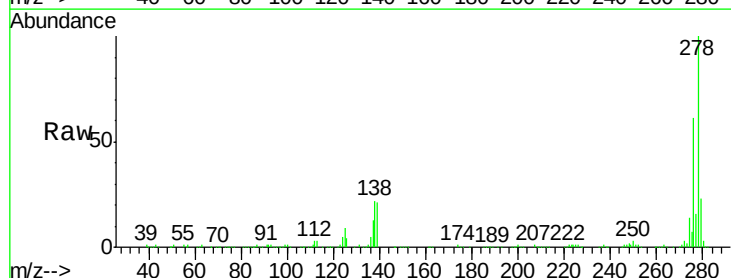
Tgt Ion:278 Resp: 559524

Ion Ratio Lower Upper

278 100

139 21.2 15.9 23.9

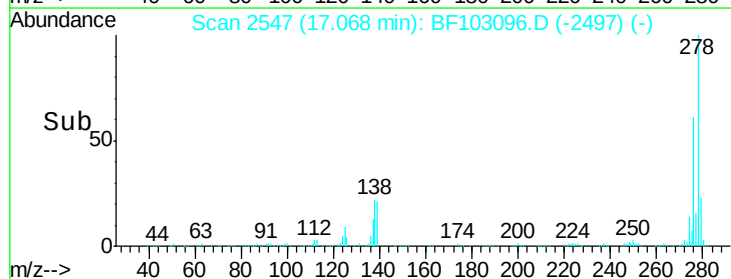
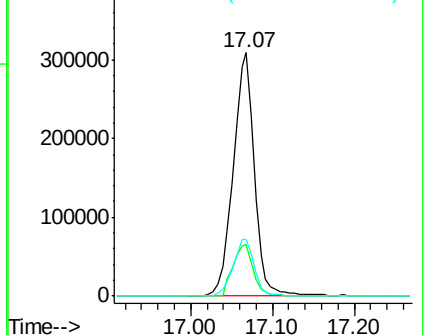
279 23.1 19.0 28.4

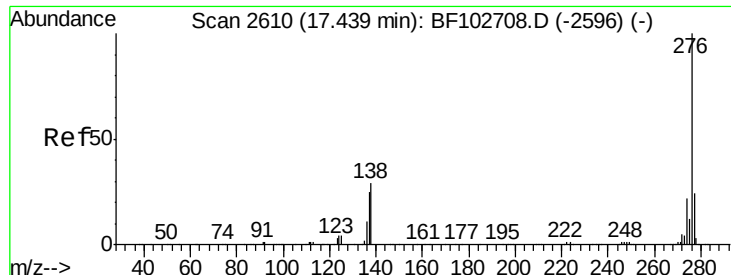


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 38.34 ng

RT: 17.52 min Scan# 2623

Delta R.T. -0.01 min

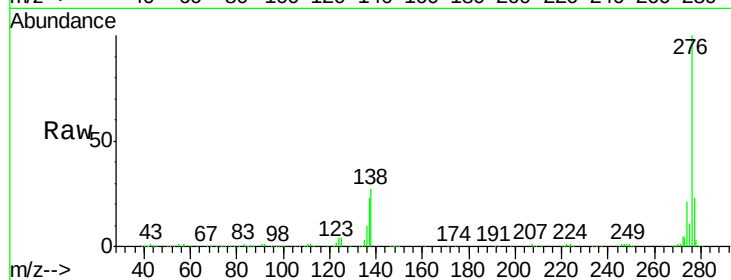
Lab File: BF103096.D

Acq: 19 Feb 2018 22:16

Instrument :

BNA_F

ClientSampleId :



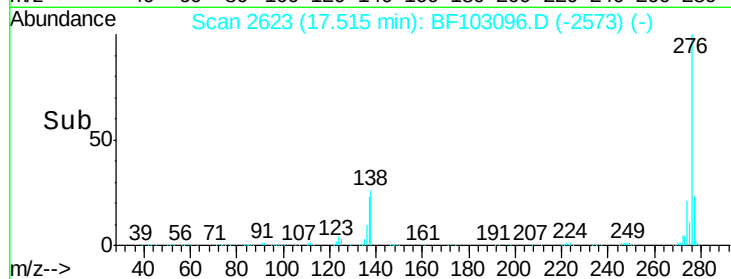
Tot Ion: 276 Resp: 528827

Ion Ratio Lower Upper

276 100

277 23.2 17.9 26.9

138 26.5 21.8 32.8



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

