

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120517\
 Data File : BF101116.D
 Acq On : 5 Dec 2017 11:33
 Operator : SJ/JU
 Sample : PB104699BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 05 12:45:28 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:07:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	52123	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	206029	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	99400	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	196978	20.00	ng	0.00
75) Chrysene-d12	14.03	240	142341	20.00	ng	0.00
86) Perylene-d12	15.50	264	112568	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	350940	111.26	ng	0.02
7) Phenol-d6	6.49	99	428777	111.96	ng	0.01
23) Nitrobenzene-d5	7.42	82	263295	76.23	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	132180	110.70	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	596058	82.04	ng	0.00
78) Terphenyl-d14	12.96	244	603381	92.72	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	42208	32.36	ng	93
3) Pyridine	3.47	79	120379	35.60	ng	91
4) n-Nitrosodimethylamine	3.43	42	63342	38.35	ng	# 95
6) Aniline	6.52	93	71007	14.26	ng	98
8) 2-Chlorophenol	6.64	128	133897	38.93	ng	94
9) Benzaldehyde	6.40	77	48706	20.78	ng	97
10) Phenol	6.50	94	156887	36.84	ng	91
11) bis(2-Chloroethyl)ether	6.59	93	118478	37.09	ng	99
12) 1,3-Dichlorobenzene	6.79	146	152172	38.00	ng	97
13) 1,4-Dichlorobenzene	6.86	146	151594	36.56	ng	98
14) 1,2-Dichlorobenzene	7.02	146	144178	37.28	ng	98
15) Benzyl Alcohol	6.99	79	112990	38.20	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	190977	43.99	ng	97
17) 2-Methylphenol	7.10	107	108604	39.11	ng	97
18) Hexachloroethane	7.36	117	50829	38.16	ng	92
19) n-Nitroso-di-n-propylamine	7.26	70	91747	35.57	ng	95
20) 3+4-Methylphenols	7.26	107	140442	38.78	ng	# 70
22) Acetophenone	7.26	105	174777	35.11	ng	# 88
24) Nitrobenzene	7.43	77	132454	39.13	ng	100
25) Isophorone	7.67	82	242455	41.10	ng	97
26) 2-Nitrophenol	7.75	139	74905	40.31	ng	93
27) 2,4-Dimethylphenol	7.79	122	124747	46.41	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	153568	38.73	ng	99
29) 2,4-Dichlorophenol	7.99	162	120284	41.11	ng	96
30) 1,2,4-Trichlorobenzene	8.07	180	125217	38.92	ng	95
31) Naphthalene	8.15	128	386462	38.06	ng	100
32) Benzoic acid	7.92	122	66377	31.75	ng	96
33) 4-Chloroaniline	8.20	127	28599	7.01	ng	98
34) Hexachlorobutadiene	8.26	225	74541	37.77	ng	98
35) Caprolactam	8.59	113	23238	25.48	ng	91
36) 4-Chloro-3-methylphenol	8.69	107	122764	40.50	ng	99
37) 2-Methylnaphthalene	8.85	142	273106	39.58	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	128831	35.68	ng	# 96
40) Hexachlorocyclopentadiene	8.99	237	70089	55.98	ng	97

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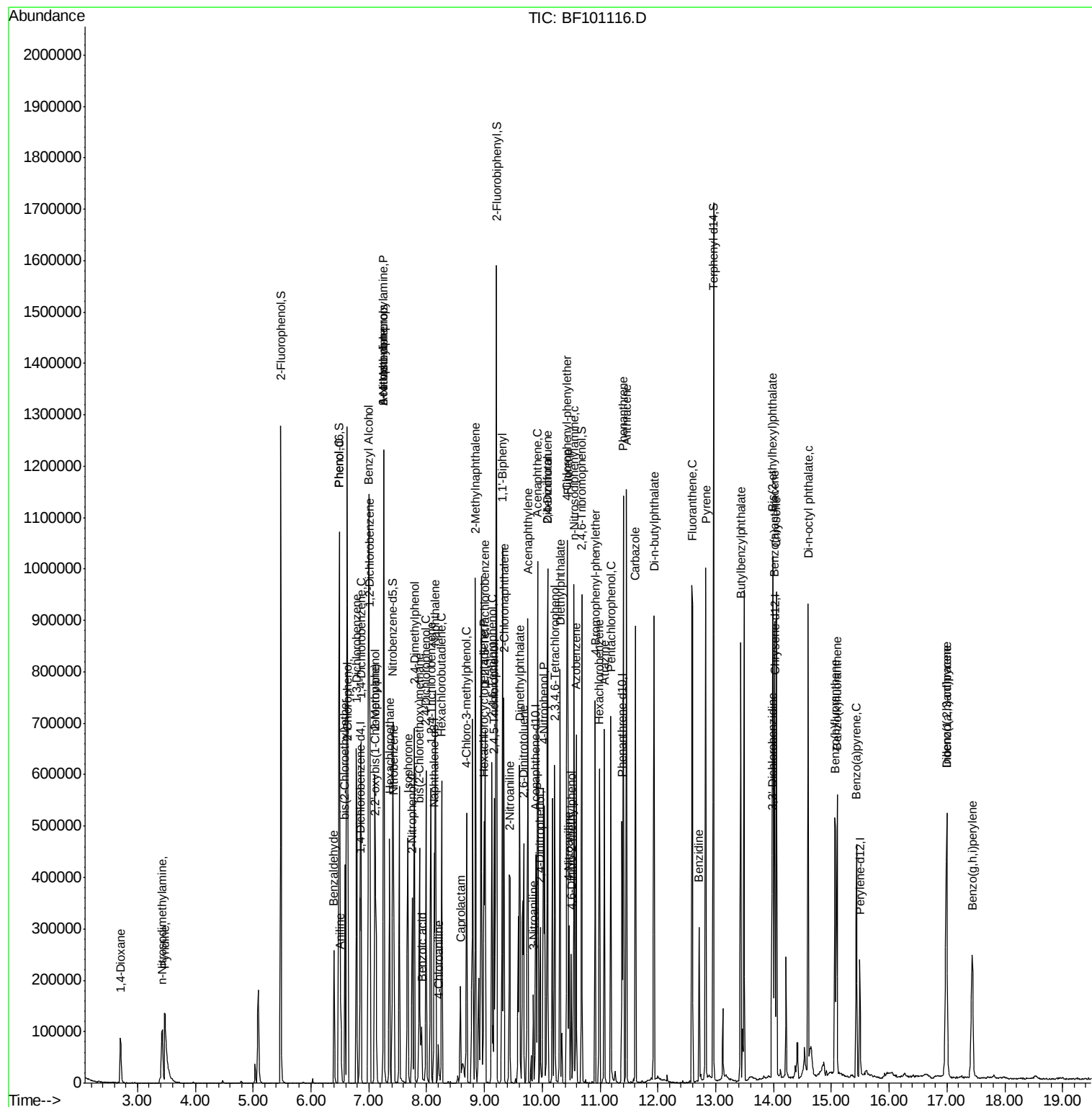
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42) 2,4,6-Trichlorophenol	9.13	196	89378	42.22	nq	99
43) 2,4,5-Trichlorophenol	9.17	196	91771	40.55	nq	93
45) 1,1'-Biphenyl	9.31	154	324613	35.64	nq	96
46) 2-Chloronaphthalene	9.34	162	257984	39.89	nq	96
47) 2-Nitroaniline	9.43	65	73835	38.59	nq	97
48) Acenaphthylene	9.75	152	402993	37.91	nq	99
49) Dimethylphthalate	9.61	163	303225	37.83	nq	99
50) 2,6-Dinitrotoluene	9.68	165	66685	39.50	nq	# 86
51) Acenaphthene	9.92	154	233876	36.75	nq	99
52) 3-Nitroaniline	9.85	138	25851	13.61	nq	92
53) 2,4-Dinitrophenol	9.96	184	41168	49.38	nq	# 18
54) Dibenzofuran	10.10	168	352620	38.45	nq	97
55) 4-Nitrophenol	10.02	139	90932	71.01	nq	94
56) 2,4-Dinitrotoluene	10.09	165	86256	38.12	nq	96
57) Fluorene	10.44	166	286069	38.37	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	75953	41.92	nq	# 86
59) Diethylphthalate	10.31	149	298910	37.80	nq	97
60) 4-Chlorophenyl-phenylether	10.43	204	140814	38.25	nq	92
61) 4-Nitroaniline	10.47	138	62213	31.56	nq	89
62) Azobenzene	10.59	77	256277	38.19	nq	96
64) 4,6-Dinitro-2-methylphenol	10.50	198	33617	25.44	nq	83
65) n-Nitrosodiphenylamine	10.55	169	259749	37.38	nq	95
66) 4-Bromophenyl-phenylether	10.92	248	88119	39.97	nq	89
67) Hexachlorobenzene	10.99	284	89453	37.86	nq	# 83
68) Atrazine	11.07	200	86103	40.39	nq	98
69) Pentachlorophenol	11.19	266	85581	65.87	nq	99
70) Phenanthrene	11.40	178	411029	37.89	nq	99
71) Anthracene	11.46	178	431941	39.34	nq	97
72) Carbazole	11.61	167	369470	36.83	nq	99
73) Di-n-butylphthalate	11.93	149	471788	37.52	nq	98
74) Fluoranthene	12.60	202	438495	36.47	nq	93
76) Benzidine	12.72	184	130427	28.18	nq	96
77) Pyrene	12.83	202	438043	44.60	nq	99
79) Butylbenzylphthalate	13.43	149	192822	44.53	nq	90
80) Benzo(a)anthracene	14.02	228	352448	39.22	nq	97
81) 3,3'-Dichlorobenzidine	13.97	252	67408	21.66	nq	# 98
82) Chrysene	14.05	228	323347	38.74	nq	98
83) Bis(2-ethylhexyl)phthalate	13.99	149	265611	43.02	nq	100
84) Di-n-octyl phthalate	14.60	149	415707	40.44	nq	98
85) Indeno(1,2,3-cd)pyrene	16.99	276	275074	37.07	nq	# 92
87) Benzo(b)fluoranthene	15.07	252	262930	39.00	nq	98
88) Benzo(k)fluoranthene	15.10	252	237416	35.74	nq	# 95
89) Benzo(a)pyrene	15.43	252	237618	38.76	nq	99
90) Dibenzo(a,h)anthracene	17.00	278	231154	42.77	nq	# 94
91) Benzo(g,h,i)perylene	17.44	276	228168	44.80	nq	# 91

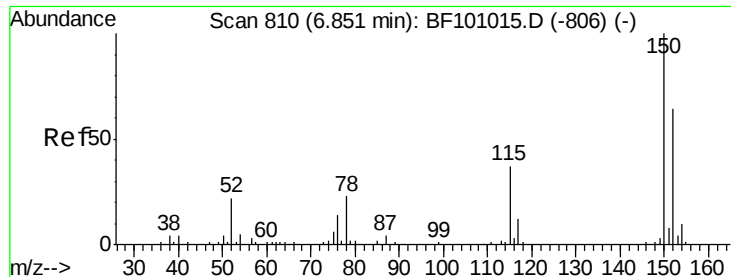
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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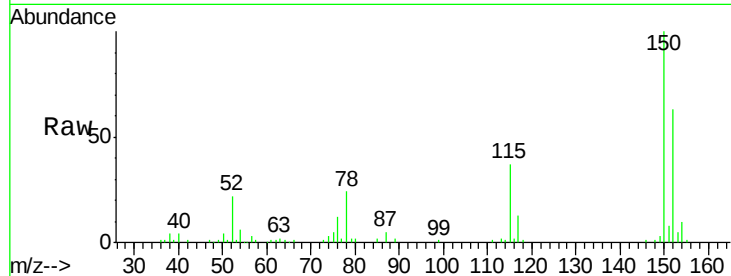


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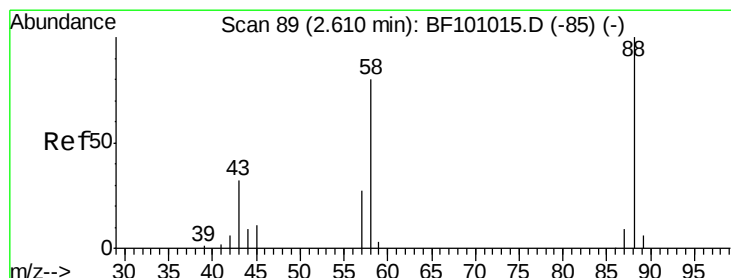
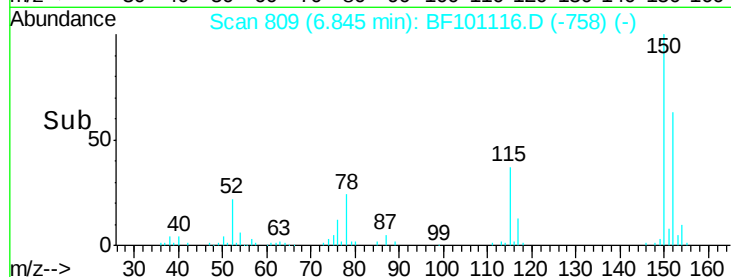
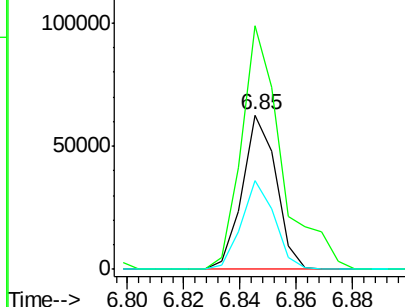
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF101116.D
Acq: 5 Dec 2017 11:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 52123
Ion Ratio Lower Upper
152 100
150 157.7 124.6 186.8
115 57.8 50.1 75.1



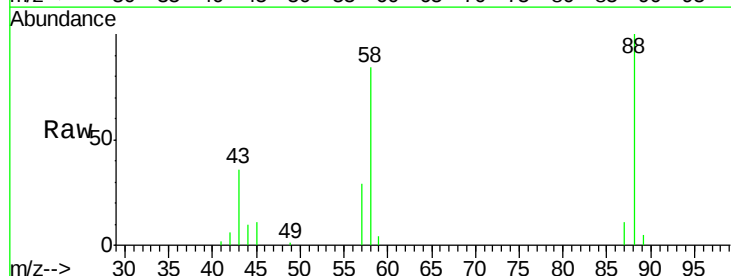
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



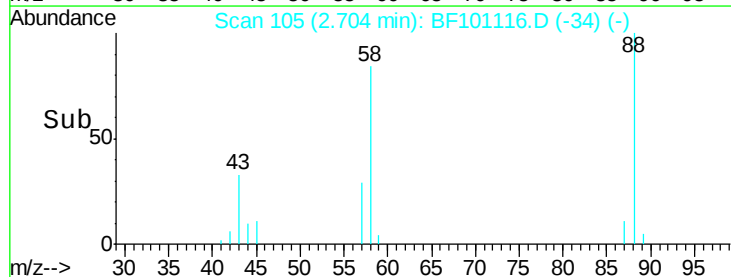
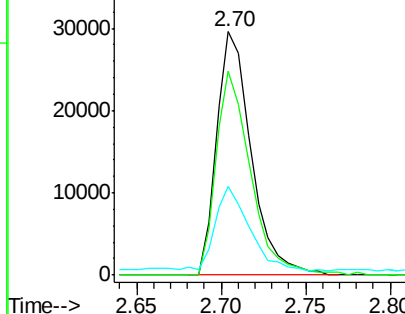
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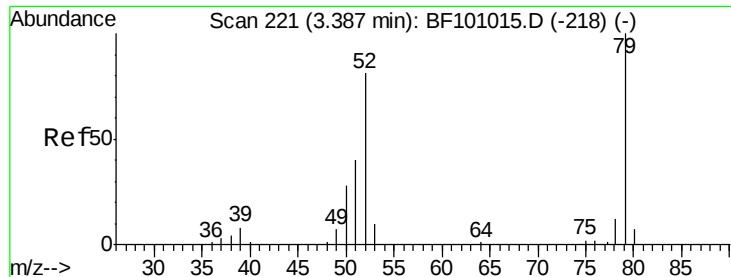
1,4-Dioxane
Concen: 32.36 ng
RT: 2.70 min Scan# 105
Delta R.T. 0.12 min
Lab File: BF101116.D
Acq: 5 Dec 2017 11:33

Tgt Ion: 88 Resp: 42208
Ion Ratio Lower Upper
88 100
58 83.7 62.6 93.8
43 35.1 24.6 37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1

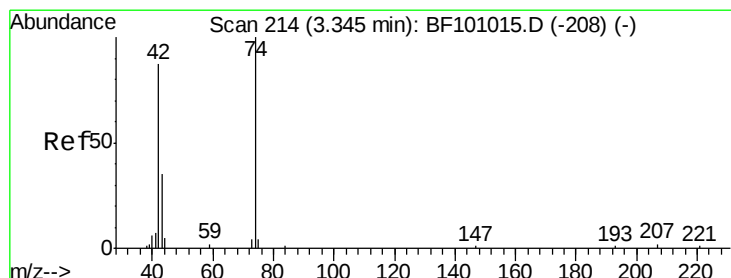
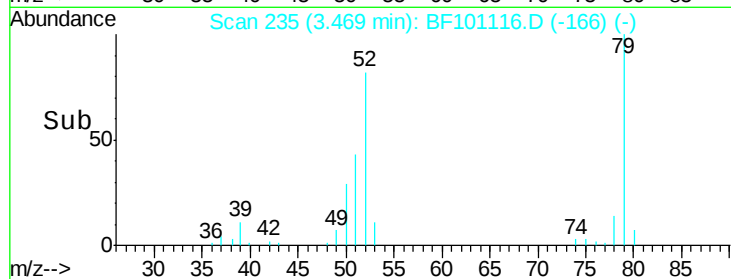
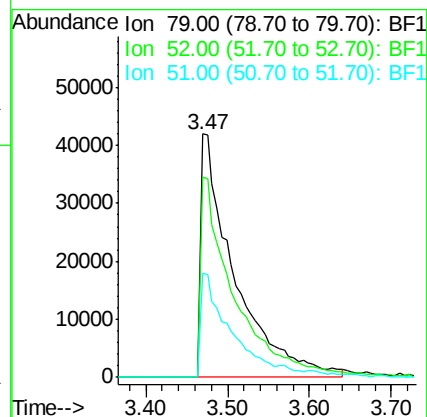
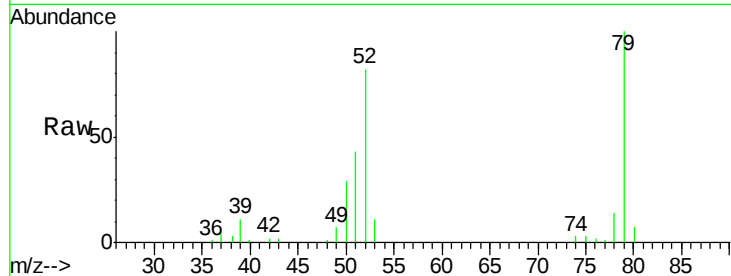




#3
 Pvridine
 Concen: 35.60 ng
 RT: 3.47 min Scan# 235
 Delta R.T. 0.11 min
 Lab File: BF101116.D
 Acq: 5 Dec 2017 11:33

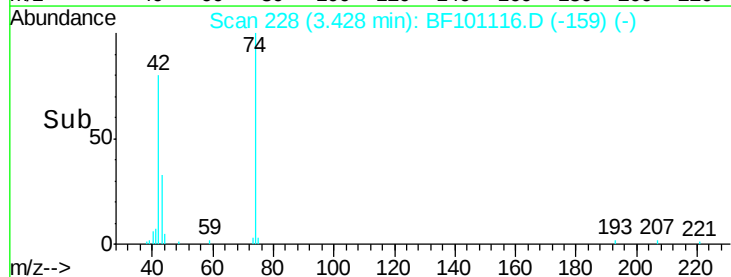
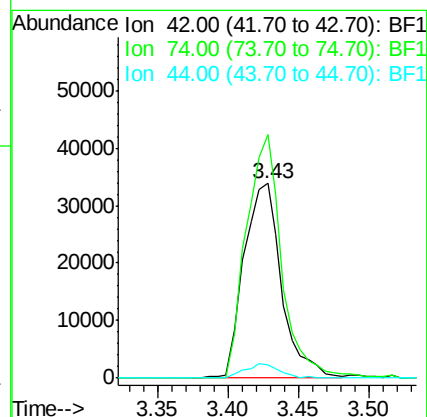
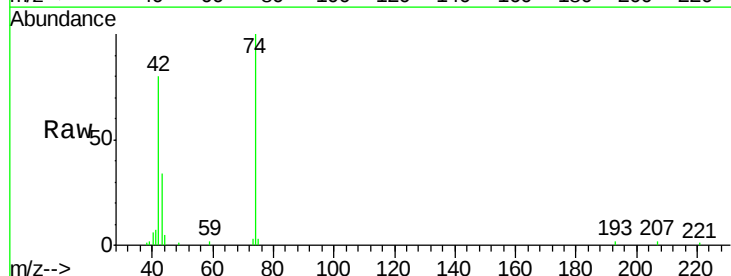
Instrument :
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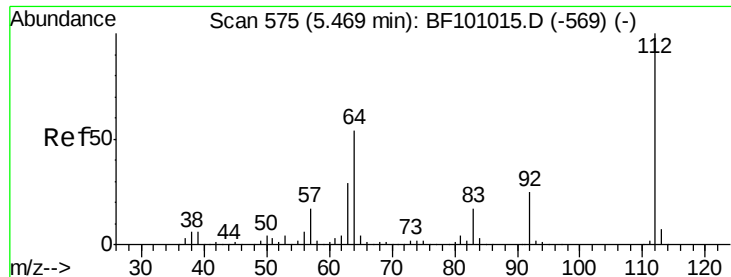
Tot Ion: 79 Resp: 120379
 Ion Ratio Lower Upper
 79 100
 52 81.9 59.8 89.6
 51 42.6 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 38.35 ng
 RT: 3.43 min Scan# 228
 Delta R.T. 0.11 min
 Lab File: BF101116.D
 Acq: 5 Dec 2017 11:33

Tgt Ion: 42 Resp: 63342
 Ion Ratio Lower Upper
 42 100
 74 125.0 104.9 157.3
 44 6.5 6.9 10.3#





#5

2-Fluorophenol

Concen: 111.26 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.02 min

Lab File: BF101116.D

Acq: 5 Dec 2017 11:33

Instrument :

BNA_F

ClientSampled :

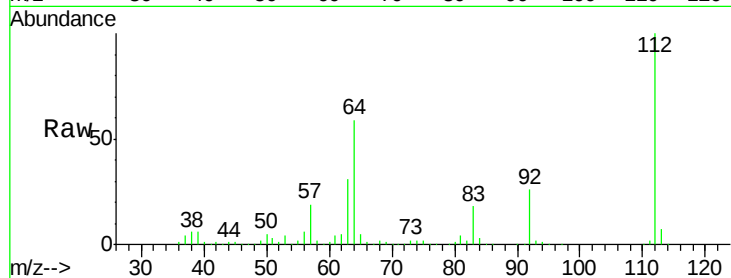
Tot Ion:112 Resp: 350940

Ion Ratio Lower Upper

112 100

64 58.6 47.9 71.9

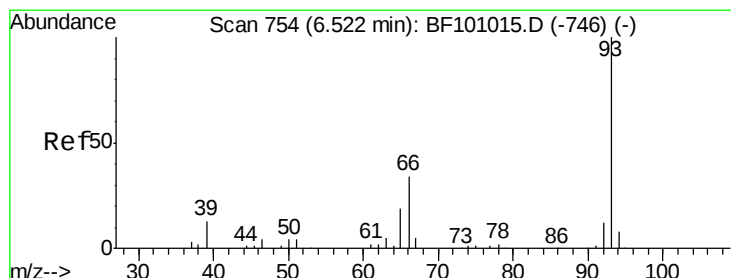
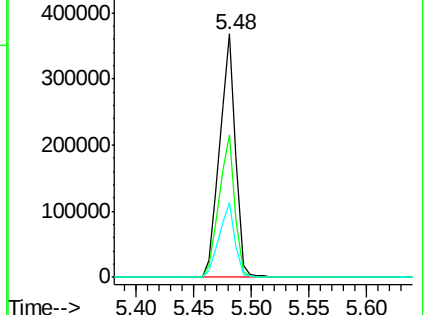
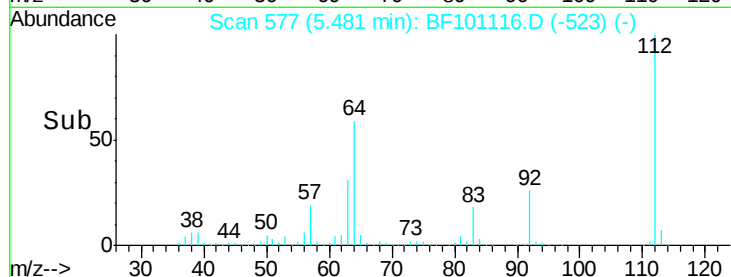
63 30.8 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 14.26 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF101116.D

Acq: 5 Dec 2017 11:33

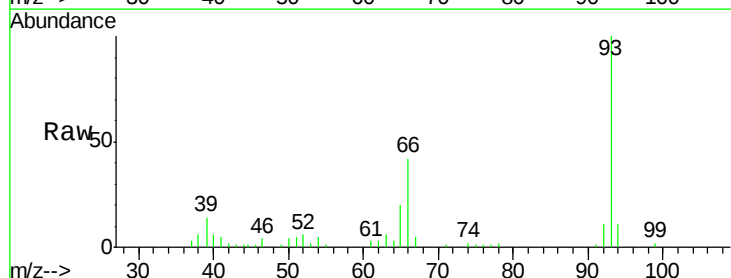
Tgt Ion: 93 Resp: 71007

Ion Ratio Lower Upper

93 100

66 41.8 32.2 48.2

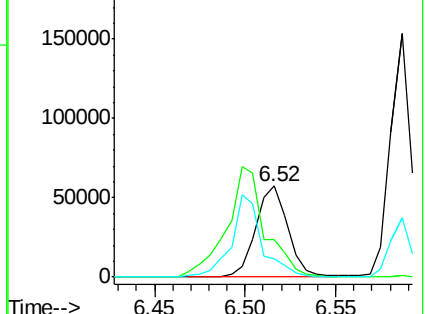
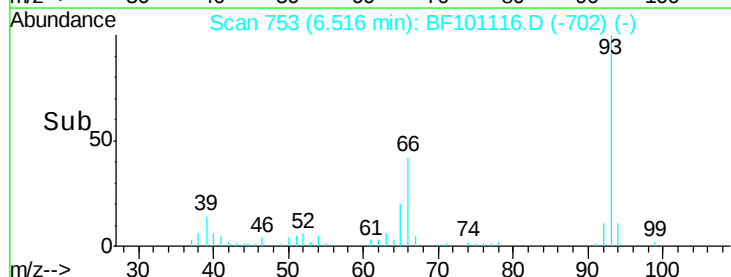
65 20.1 16.4 24.6

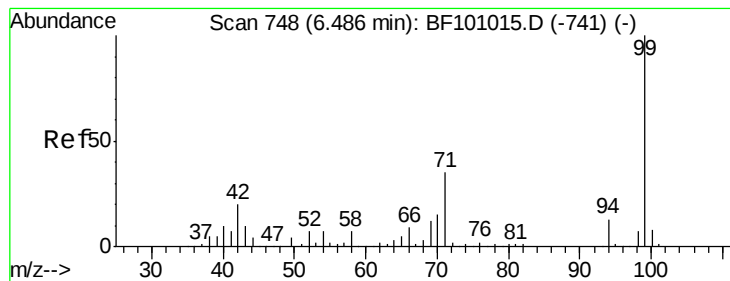


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 111.96 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF101116.D

Acq: 5 Dec 2017 11:33

Instrument :

BNA_F

ClientSampleId :

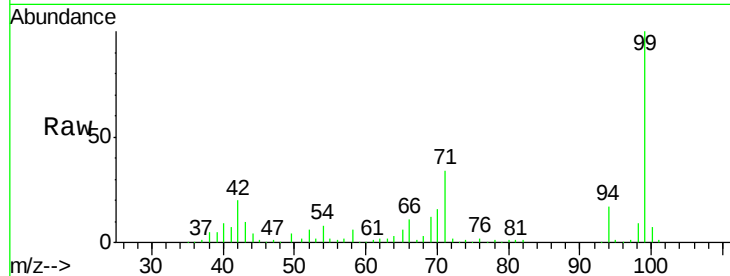
Tot Ion: 99 Resp: 428777

Ion Ratio Lower Upper

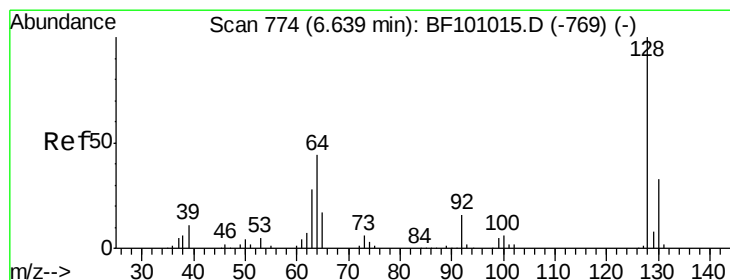
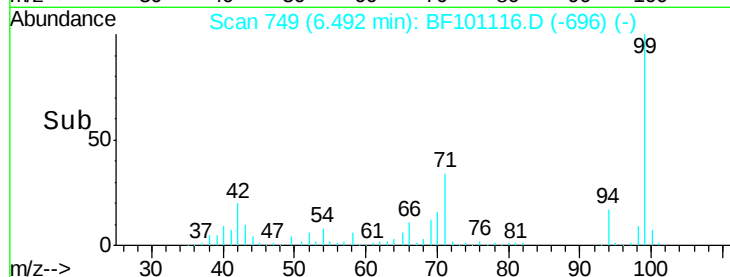
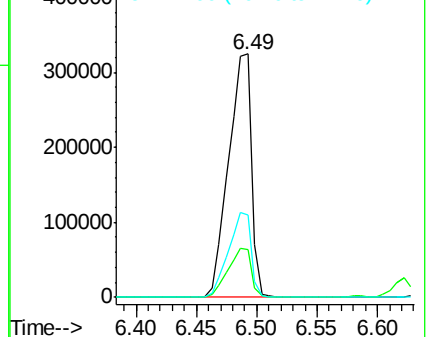
99 100

42 19.5 14.5 21.7

71 33.9 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: 38.93 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.01 min

Lab File: BF101116.D

Acq: 5 Dec 2017 11:33

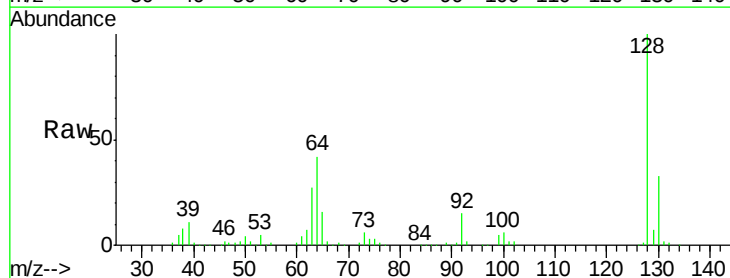
Tgt Ion: 128 Resp: 133897

Ion Ratio Lower Upper

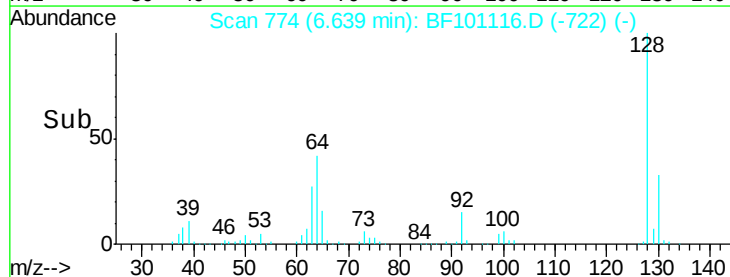
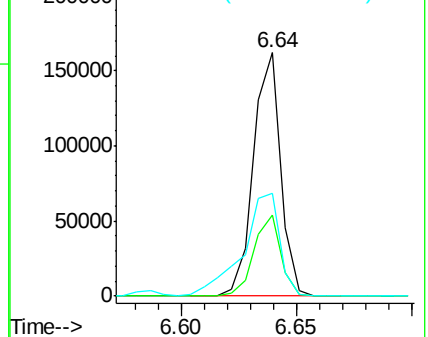
128 100

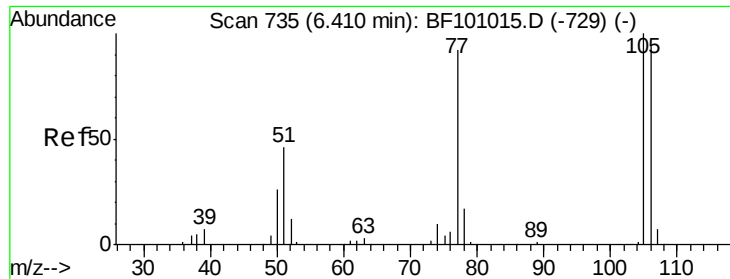
130 33.2 13.0 53.0

64 42.4 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

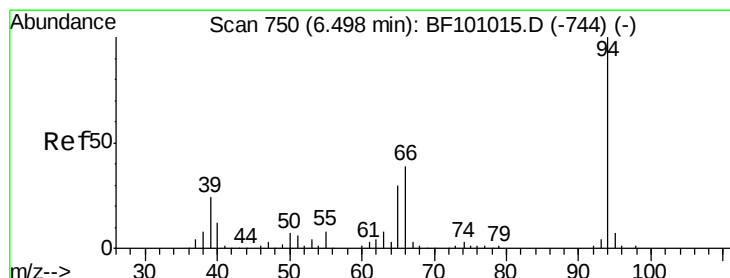
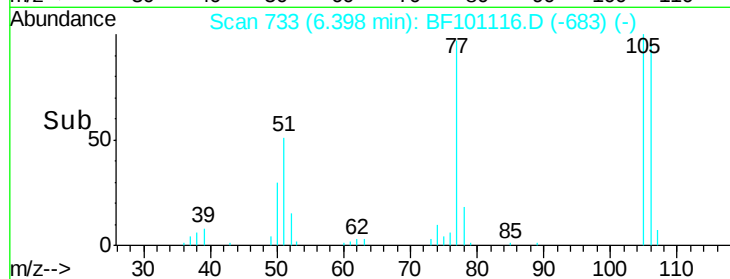
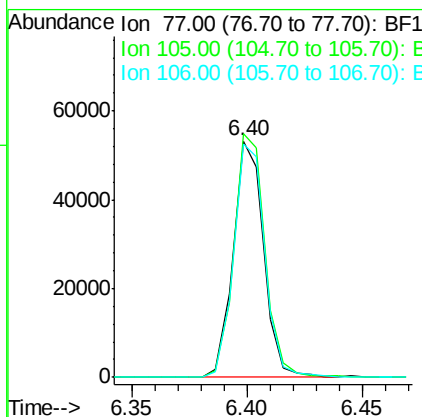
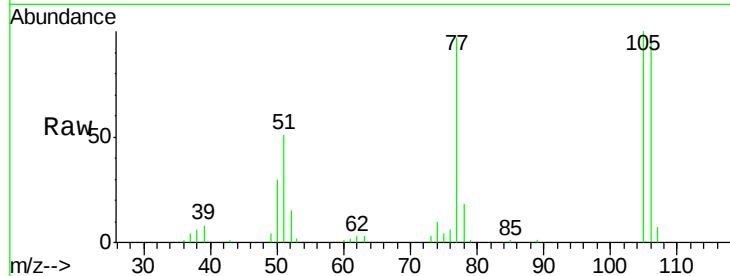




#9
Benzaldehyde
Concen: 20.78 ng
RT: 6.40 min Scan# 733
Delta R.T. -0.01 min
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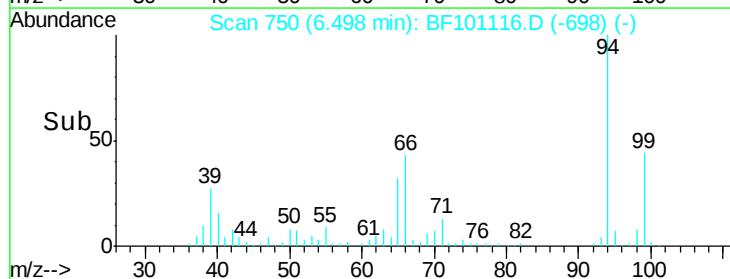
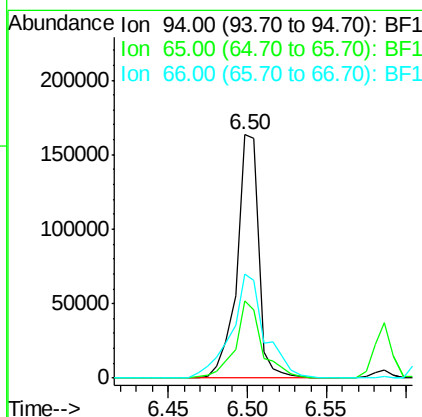
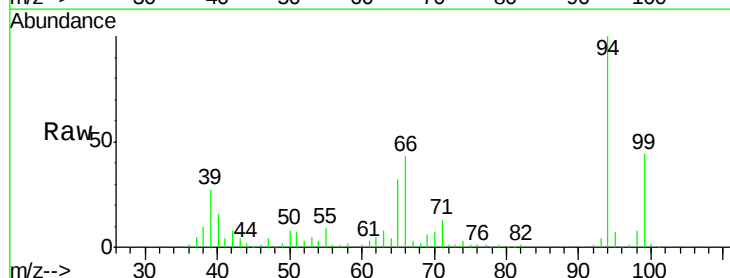
Instrument :
BNA_F
ClientSampleId :

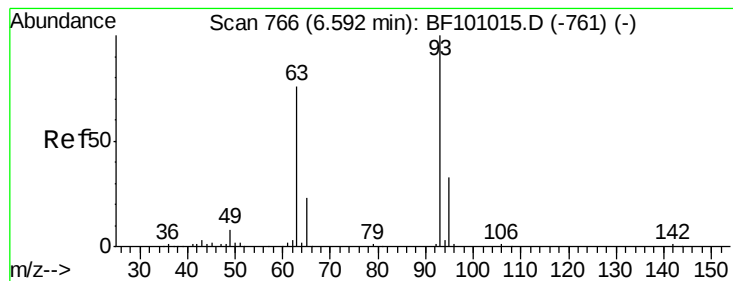
Tot Ion: 77 Resp: 48706
Ion Ratio Lower Upper
77 100
105 103.1 81.1 121.1
106 98.8 74.5 114.5



#10
Phenol
Concen: 36.84 ng
RT: 6.50 min Scan# 750
Delta R.T. 0.01 min
Lab File: BF101116.D
Acq: 5 Dec 2017 11:33

Tgt Ion: 94 Resp: 156887
Ion Ratio Lower Upper
94 100
65 31.6 7.9 47.9
66 42.8 16.2 56.2

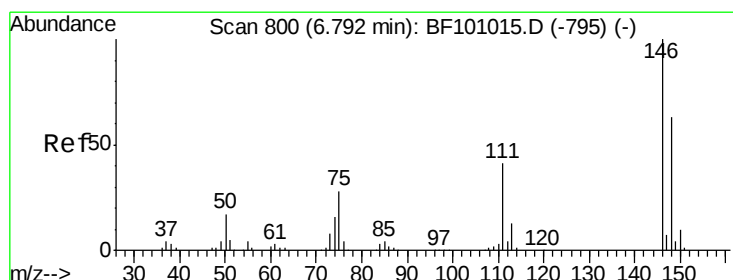
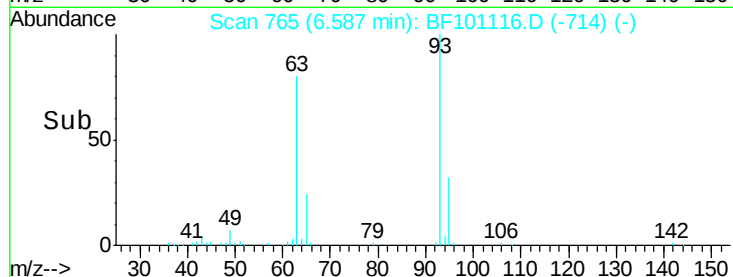
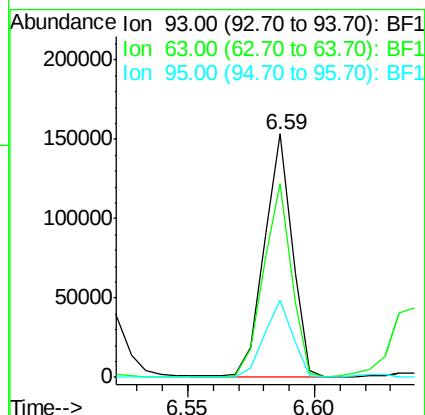
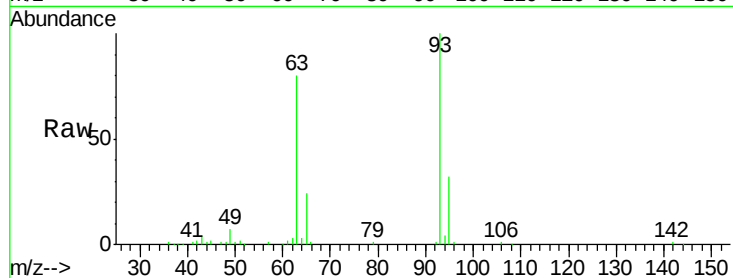




#11
bis(2-Chloroethyl)ether
Concen: 37.09 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF101116.D
Acq: 5 Dec 2017 11:33

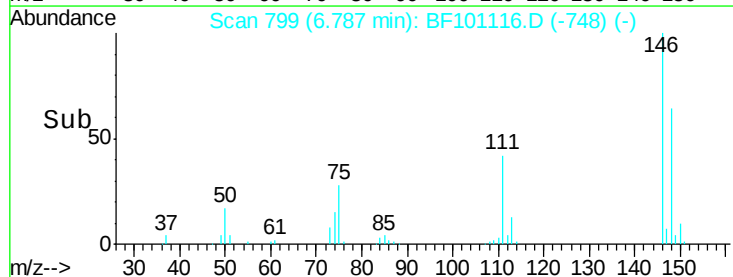
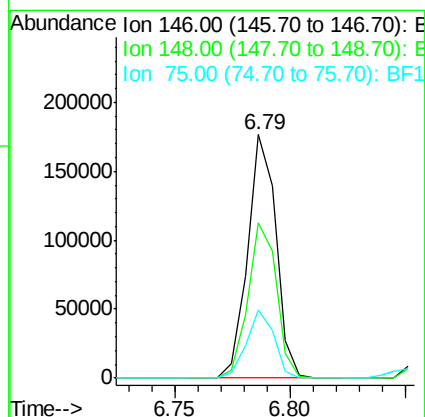
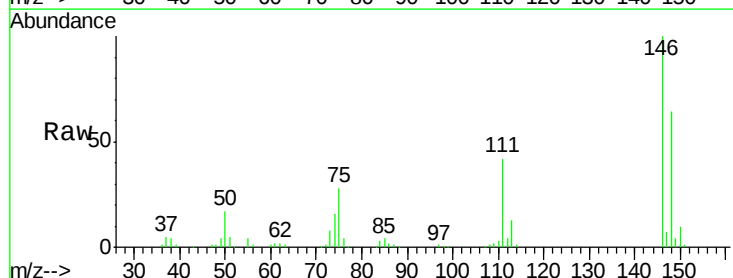
Instrument :
BNA_F
ClientSampleId :

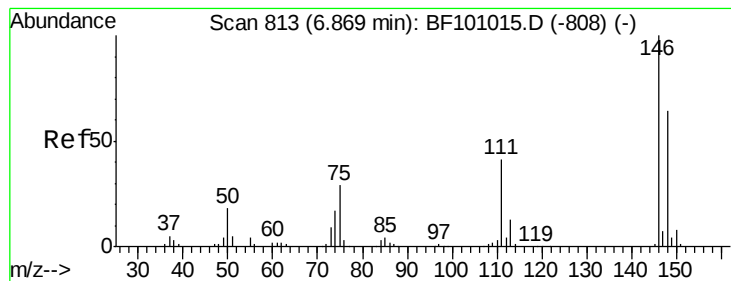
Tot Ion: 93 Resp: 118478
Ion Ratio Lower Upper
93 100
63 79.6 58.6 98.6
95 31.6 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 38.00 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF101116.D
Acq: 5 Dec 2017 11:33

Tgt Ion: 146 Resp: 152172
Ion Ratio Lower Upper
146 100
148 63.6 51.8 77.8
75 27.8 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 36.56 ng

RT: 6.86 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF101116.D

Acq: 5 Dec 2017 11:33

Instrument :

BNA_F

ClientSampleId :

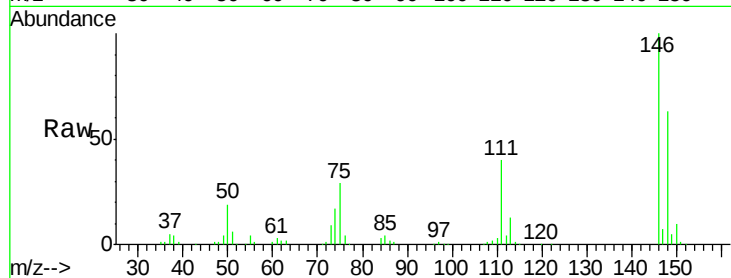
Tot Ion:146 Resp: 151594

Ion Ratio Lower Upper

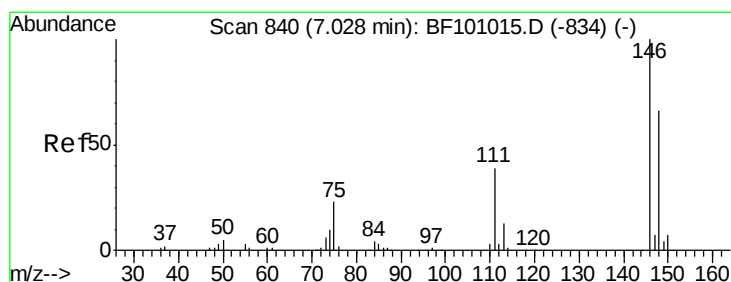
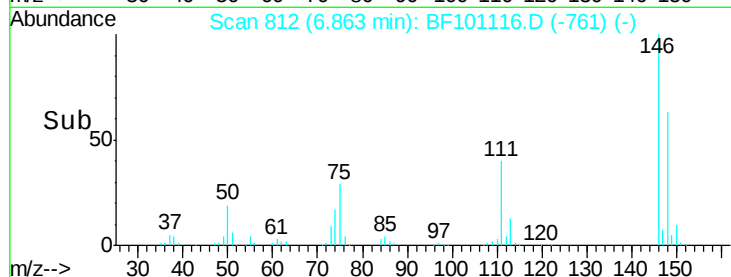
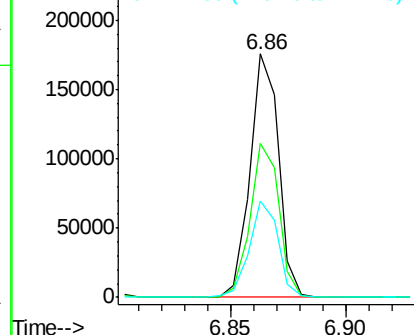
146 100

148 63.2 50.8 76.2

111 39.7 34.2 51.2



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



#14

1,2-Dichlorobenzene

Concen: 37.28 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF101116.D

Acq: 5 Dec 2017 11:33

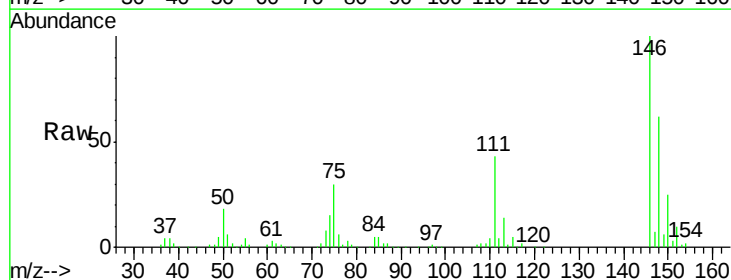
Tgt Ion:146 Resp: 144178

Ion Ratio Lower Upper

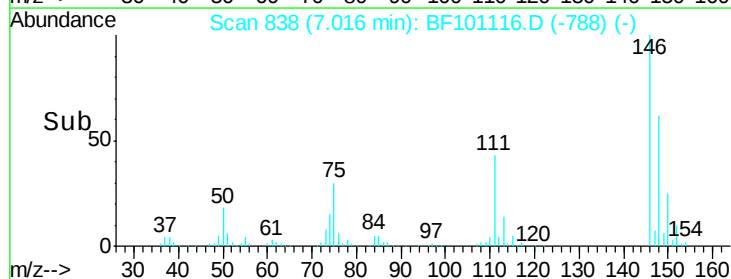
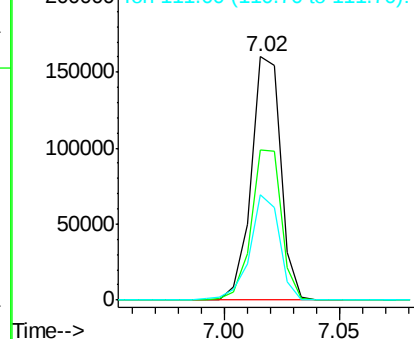
146 100

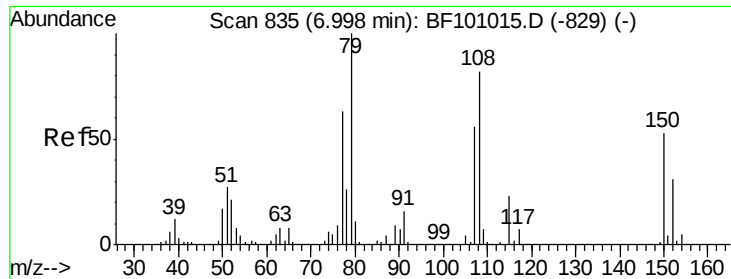
148 61.6 50.6 75.8

111 43.5 36.0 54.0



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

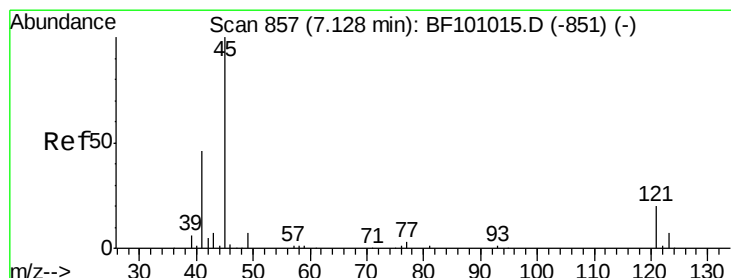
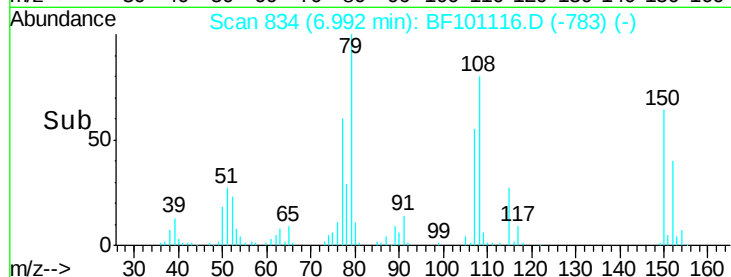
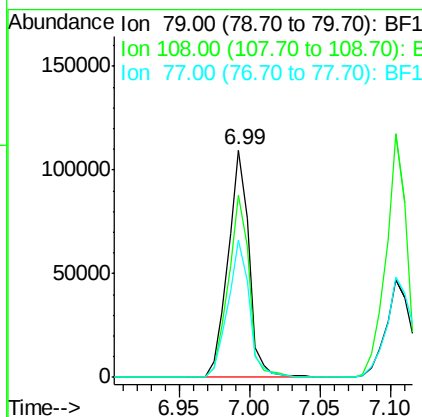
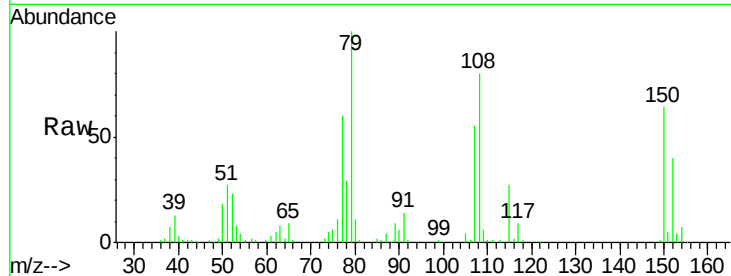




#15
Benzyl Alcohol
Concen: 38.20 ng
RT: 6.99 min Scan# 834
Delta R.T. 0.00 min
Lab File: BF101116.D
Acq: 5 Dec 2017 11:33

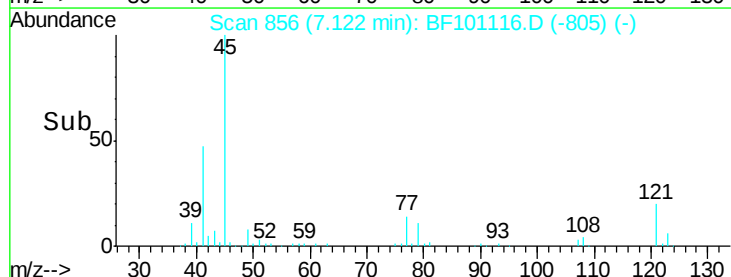
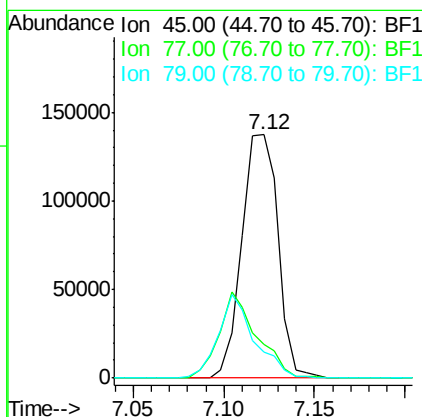
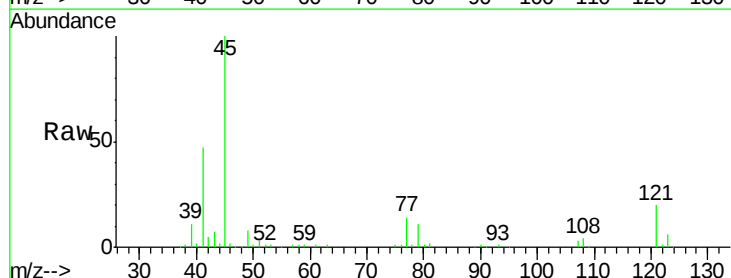
Instrument :
BNA_F
ClientSampleId :

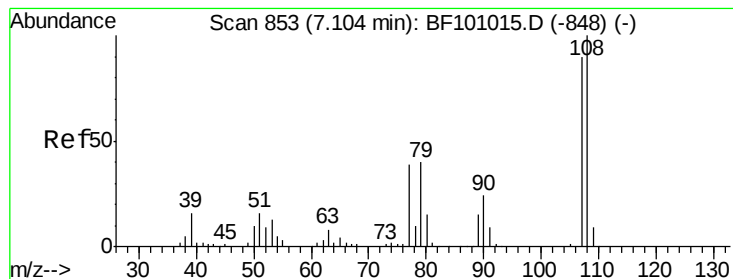
Tot Ion: 79 Resp: 112990
Ion Ratio Lower Upper
79 100
108 80.4 65.1 97.7
77 60.3 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 43.99 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF101116.D
Acq: 5 Dec 2017 11:33

Tgt Ion: 45 Resp: 190977
Ion Ratio Lower Upper
45 100
77 13.8 0.0 32.9
79 10.8 0.0 29.6

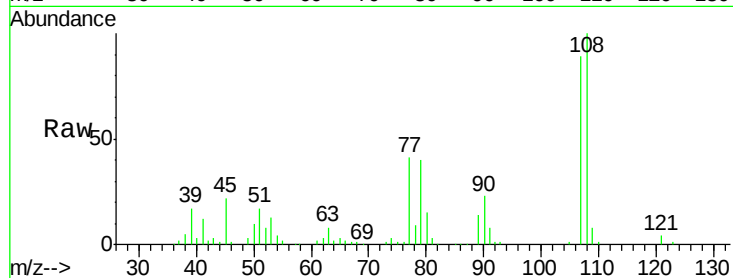




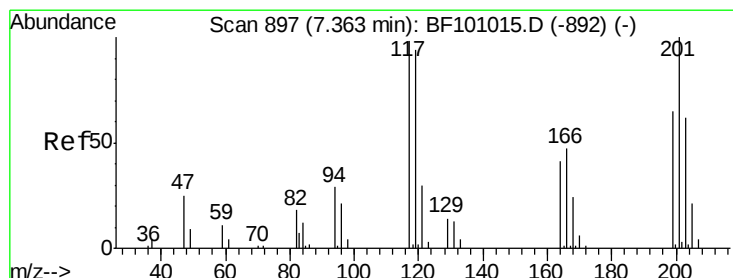
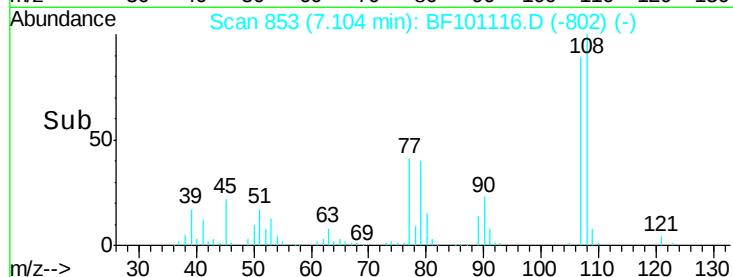
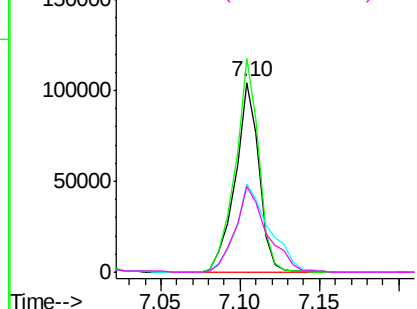
#17
2-Methylphenol
Concen: 39.11 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF101116.D
Acq: 5 Dec 2017 11:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 108604
Ion Ratio Lower Upper
107 100
108 112.7 91.7 137.5
77 46.4 33.8 50.8
79 45.1 33.8 50.8

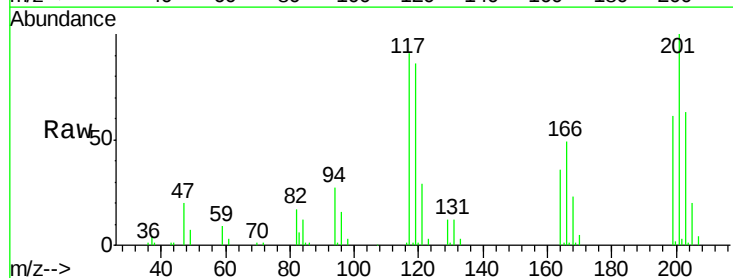


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

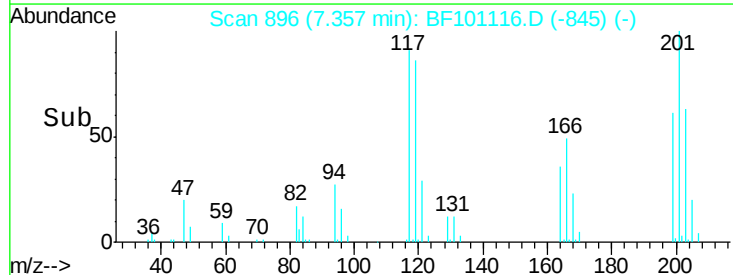
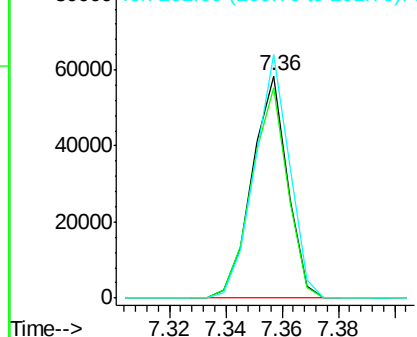


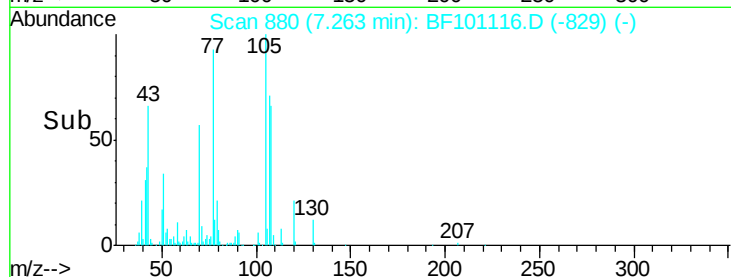
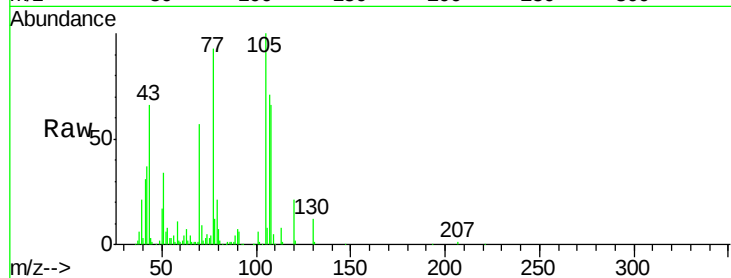
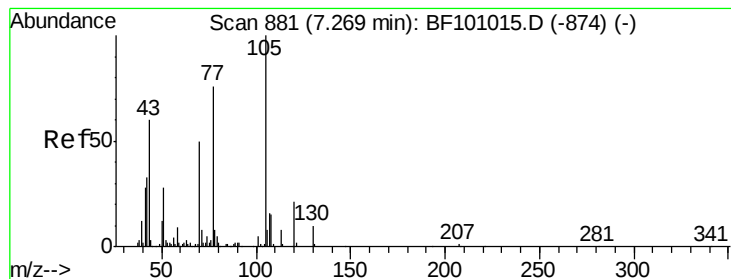
#18
Hexachloroethane
Concen: 38.16 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF101116.D
Acq: 5 Dec 2017 11:33

Tgt Ion:117 Resp: 50829
Ion Ratio Lower Upper
117 100
119 94.5 75.8 113.8
201 109.5 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: 35.57 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF101116.D

Acq: 5 Dec 2017 11:33

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 91747

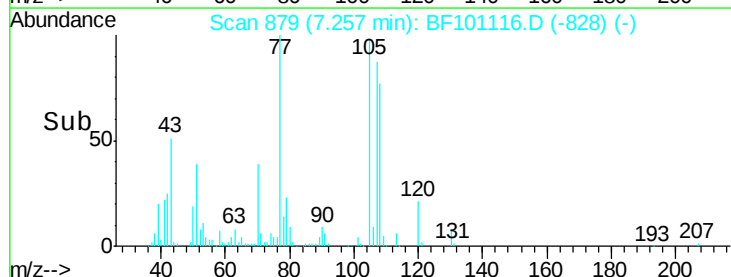
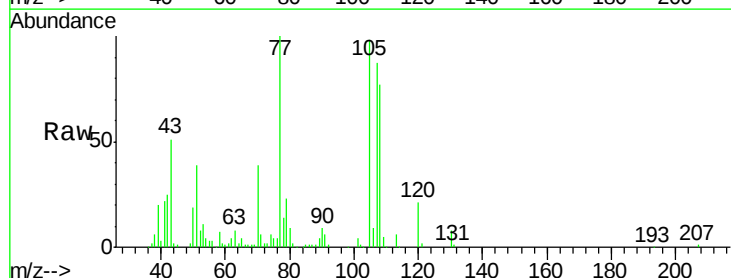
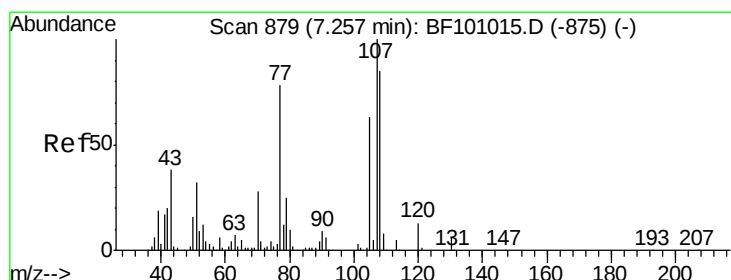
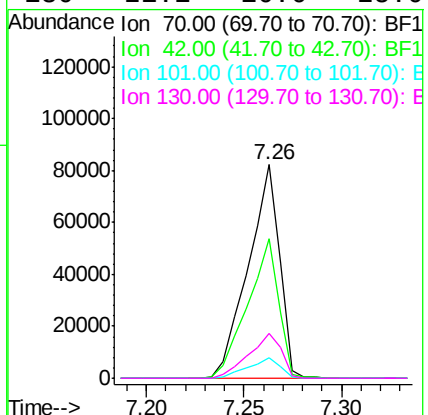
Ion Ratio Lower Upper

70 100

42 65.1 47.5 71.3

101 9.8 7.4 11.2

130 21.1 16.6 25.0



#20

3+4-Methylphenols

Concen: 38.78 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.00 min

Lab File: BF101116.D

Acq: 5 Dec 2017 11:33

Tgt Ion: 107 Resp: 140442

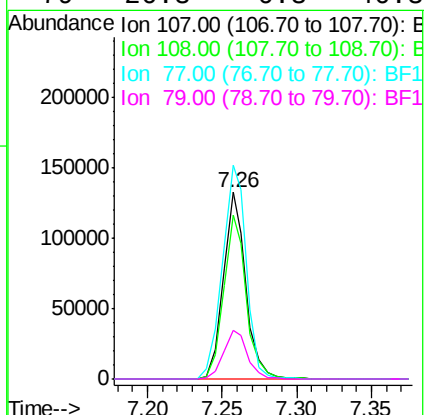
Ion Ratio Lower Upper

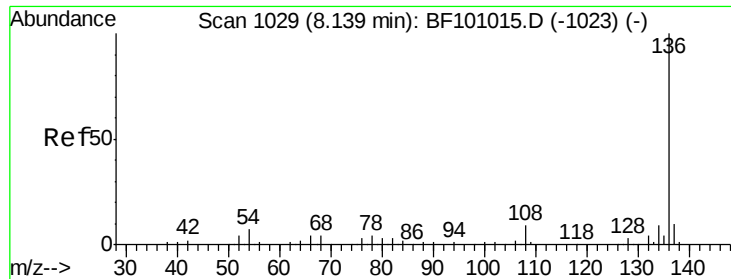
107 100

108 87.7 68.2 108.2

77 114.4 26.7 66.7#

79 26.3 6.3 46.3

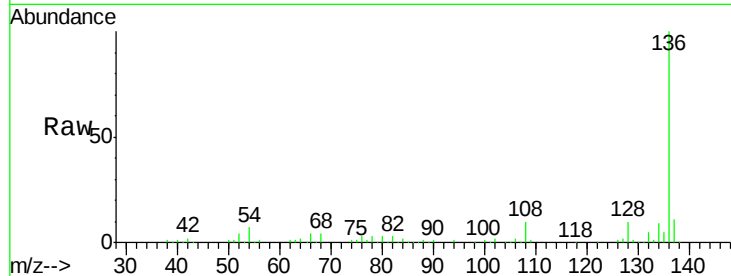




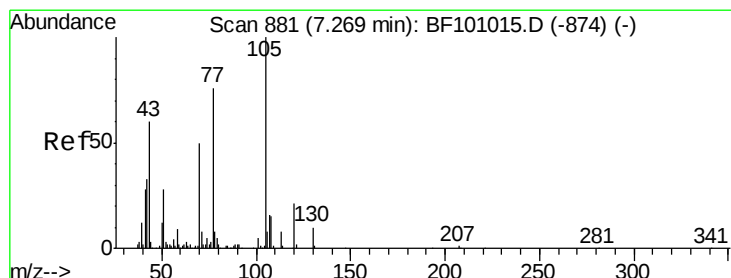
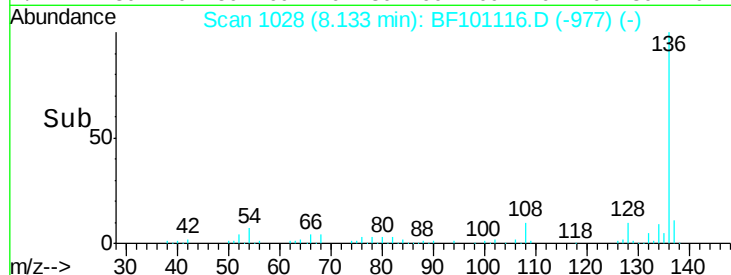
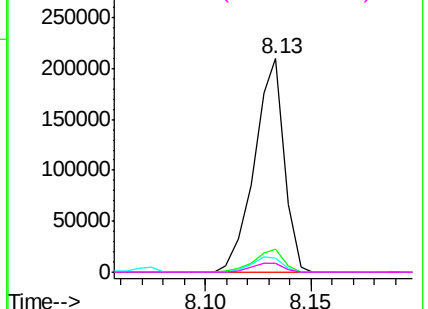
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF101116.D
Acq: 5 Dec 2017 11:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	206029
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.9 13.3
54	6.8	6.6 9.8
68	4.2	5.0 7.4#

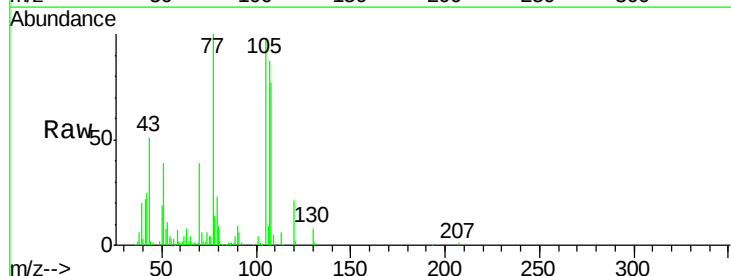


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

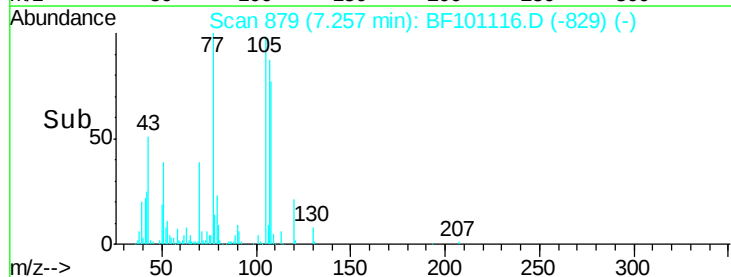
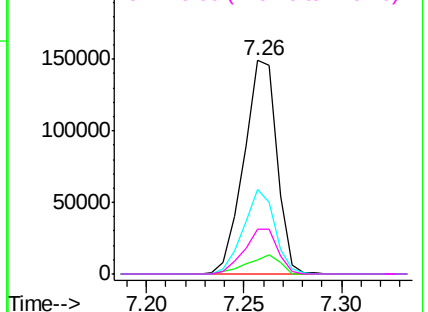


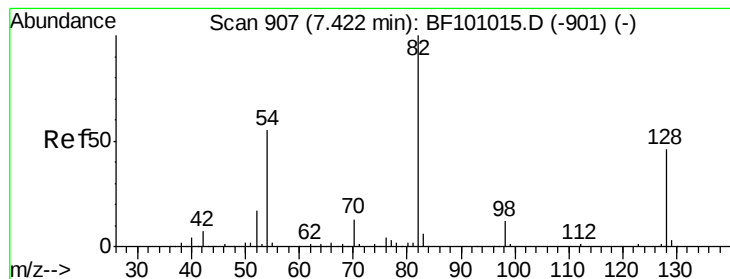
#22
Acetophenone
Concen: 35.11 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF101116.D
Acq: 5 Dec 2017 11:33

Tgt Ion:105	Resp:	174777
Ion Ratio	Lower	Upper
105	100	
71	6.5	4.4 6.6
51	39.4	22.3 33.5#
120	21.1	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: 76.23 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.00 min

Lab File: BF101116.D

Acq: 5 Dec 2017 11:33

Instrument :

BNA_F

ClientSampleId :

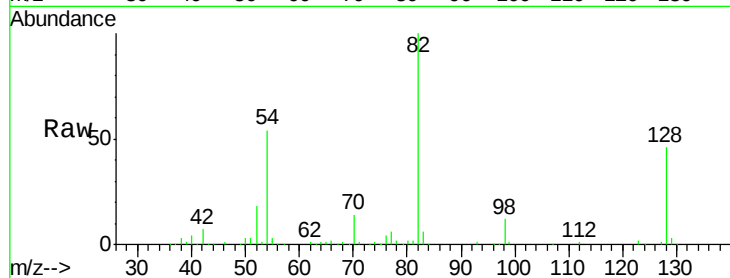
Tot Ion: 82 Resp: 263295

Ion Ratio Lower Upper

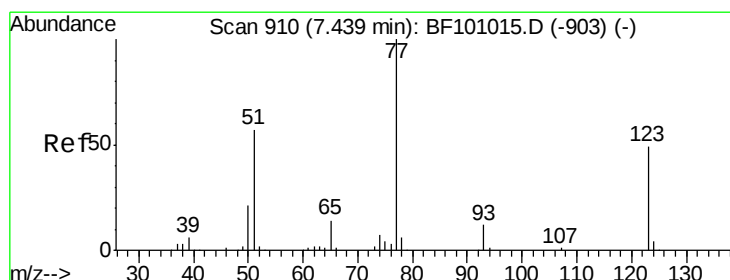
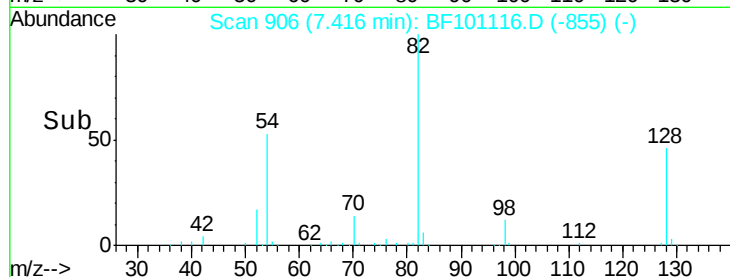
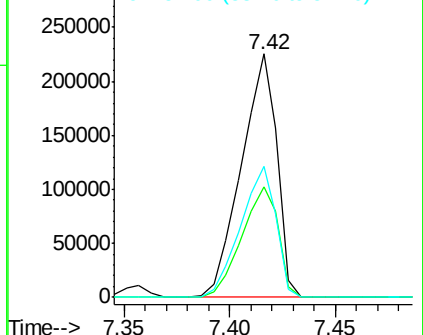
82 100

128 45.6 36.1 54.1

54 53.8 41.4 62.2



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



#24

Nitrobenzene

Concen: 39.13 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.00 min

Lab File: BF101116.D

Acq: 5 Dec 2017 11:33

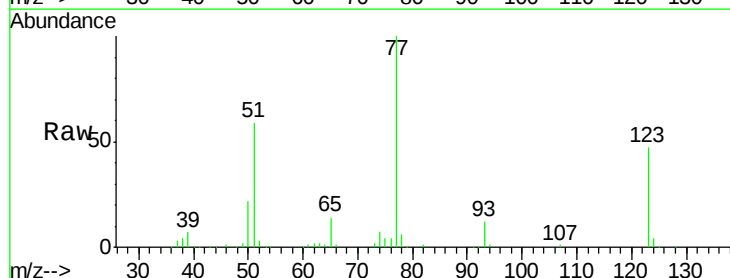
Tgt Ion: 77 Resp: 132454

Ion Ratio Lower Upper

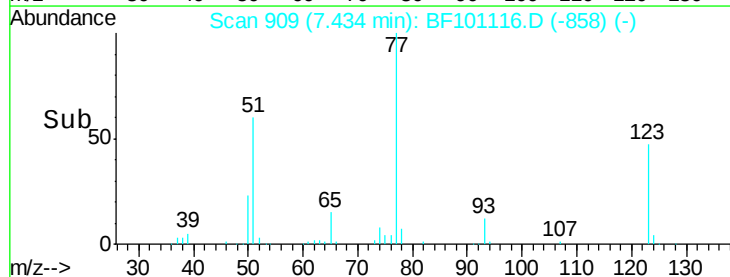
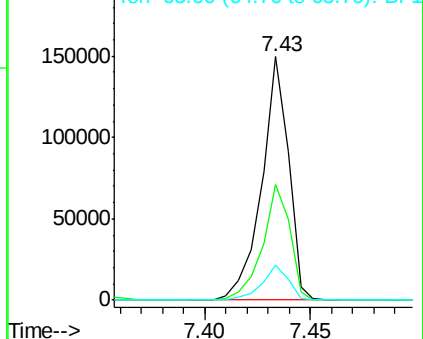
77 100

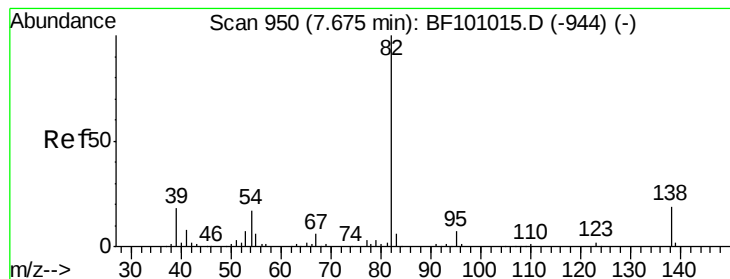
123 47.3 37.9 56.9

65 14.2 11.0 16.4



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





#25

Isophorone

Concen: 41.10 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF101116.D

Acq: 5 Dec 2017 11:33

Instrument :

BNA_F

ClientSampled :

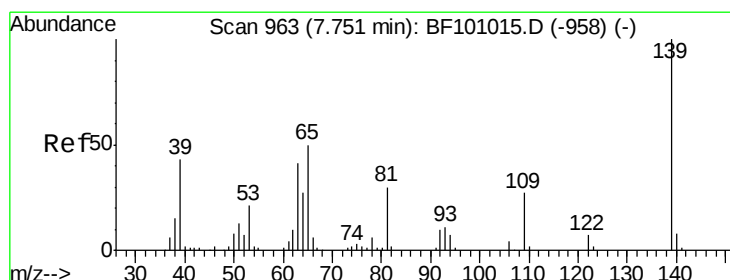
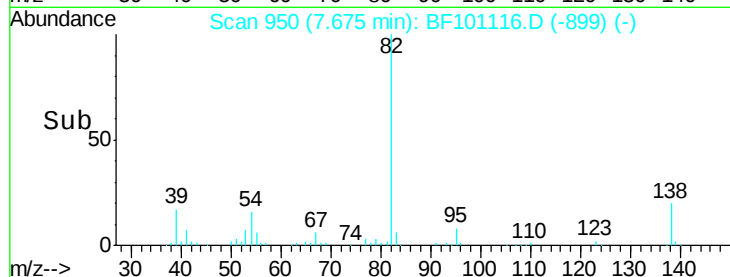
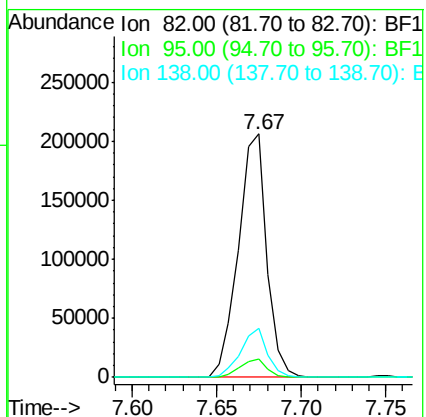
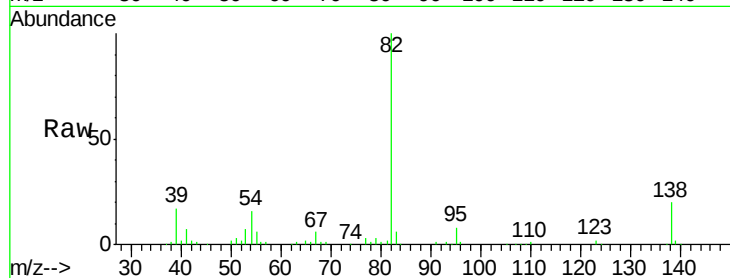
Tot Ion: 82 Resp: 242455

Ion Ratio Lower Upper

82 100

95 7.6 5.2 7.8

138 20.0 14.9 22.3



#26

2-Nitrophenol

Concen: 40.31 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF101116.D

Acq: 5 Dec 2017 11:33

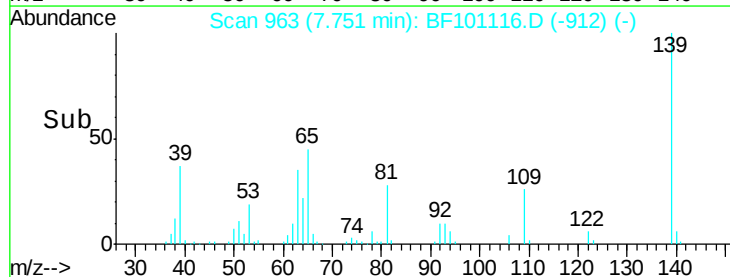
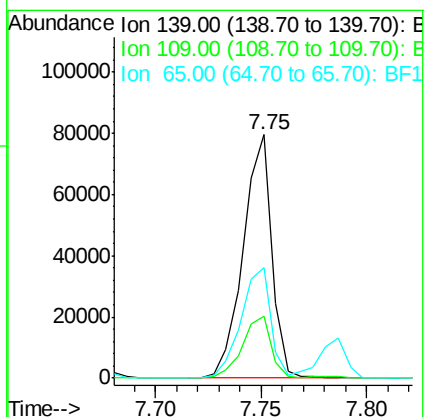
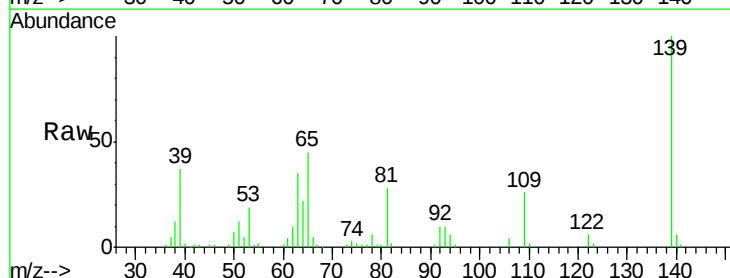
Tgt Ion: 139 Resp: 74905

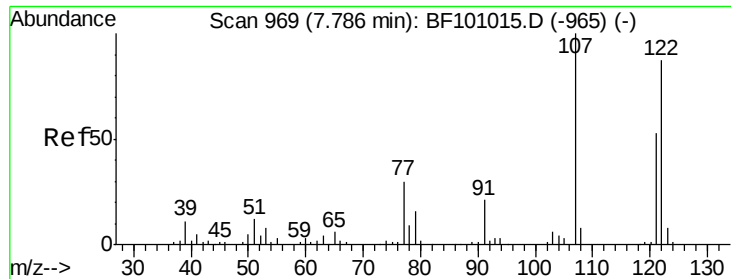
Ion Ratio Lower Upper

139 100

109 25.6 22.7 34.1

65 45.2 40.5 60.7

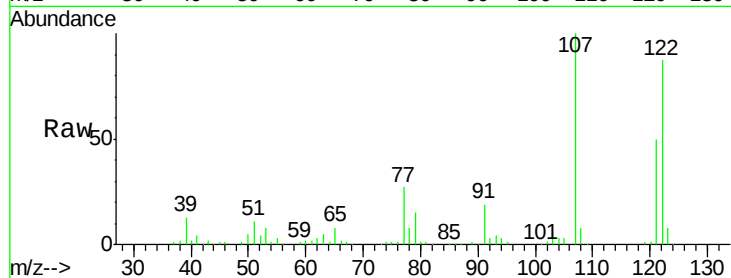




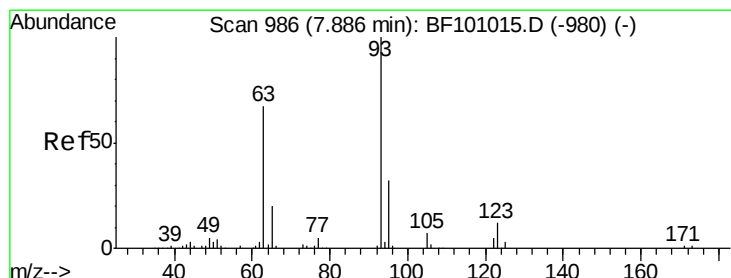
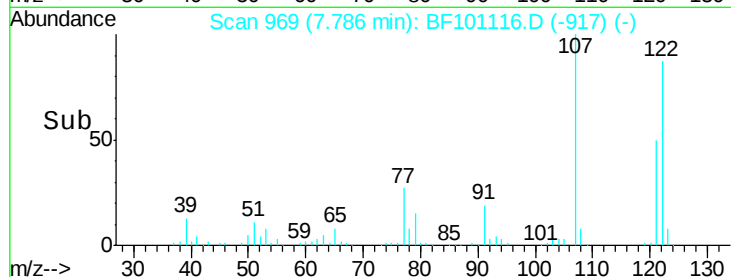
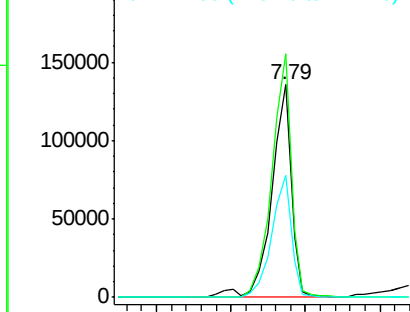
#27
 2,4-Dimethylphenol
 Concen: 46.41 ng
 RT: 7.79 min Scan# 969
 Delta R.T. 0.01 min
 Lab File: BF101116.D
 Acq: 5 Dec 2017 11:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 124747
 Ion Ratio Lower Upper
 122 100
 107 114.5 91.2 136.8
 121 57.2 47.2 70.8

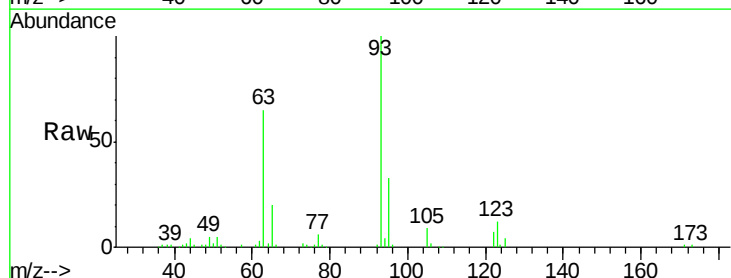


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

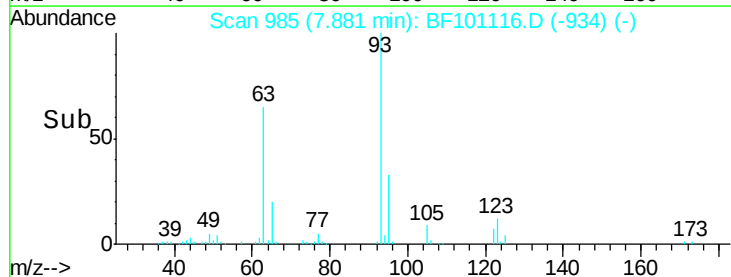
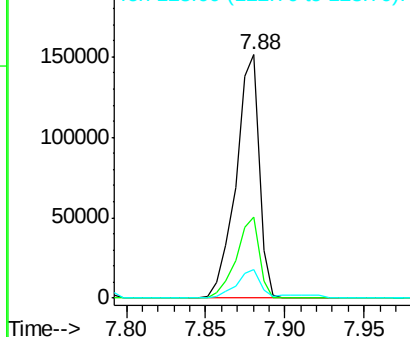


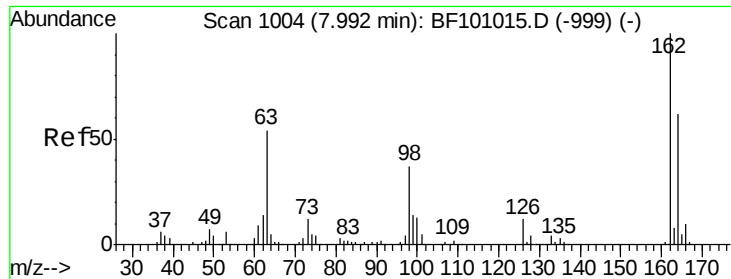
#28
 bis(2-Chloroethoxy)methane
 Concen: 38.73 ng
 RT: 7.88 min Scan# 985
 Delta R.T. 0.00 min
 Lab File: BF101116.D
 Acq: 5 Dec 2017 11:33

Tgt Ion: 93 Resp: 153568
 Ion Ratio Lower Upper
 93 100
 95 33.1 26.3 39.5
 123 11.8 9.8 14.6



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

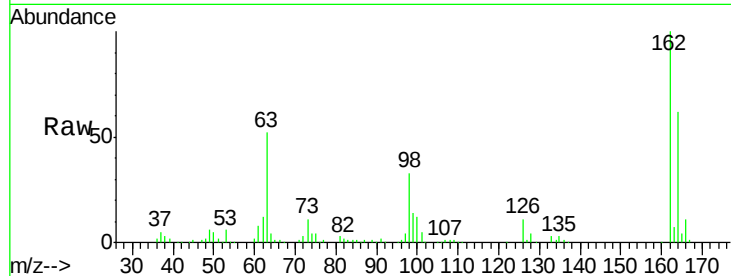




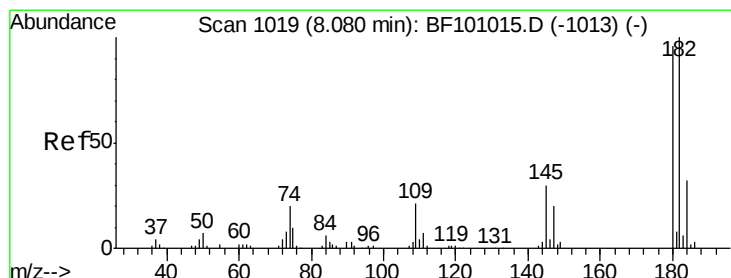
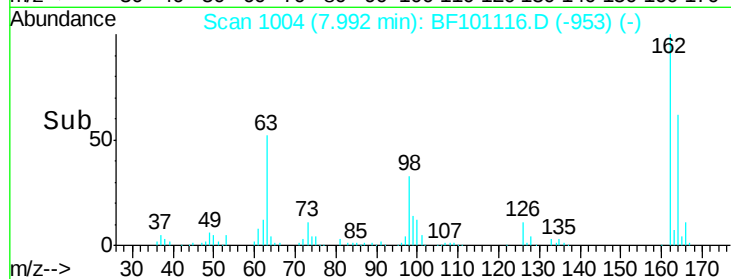
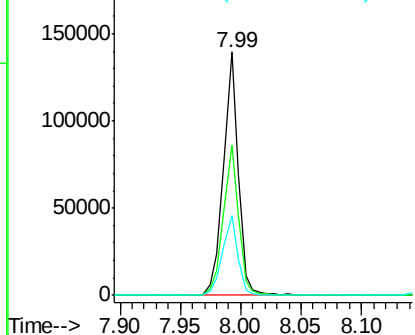
#29
 2,4-Dichlorophenol
 Concen: 41.11 ng
 RT: 7.99 min Scan# 1004
 Delta R.T. 0.00 min
 Lab File: BF101116.D
 Acq: 5 Dec 2017 11:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.9	42.7	82.7
98	32.9	18.1	58.1

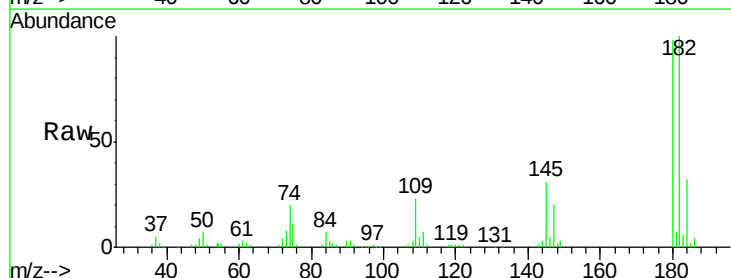


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

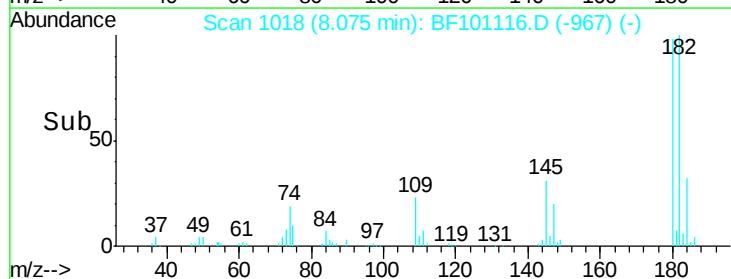
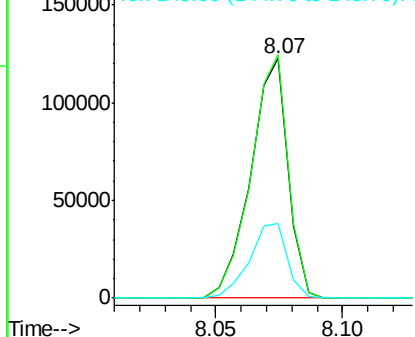


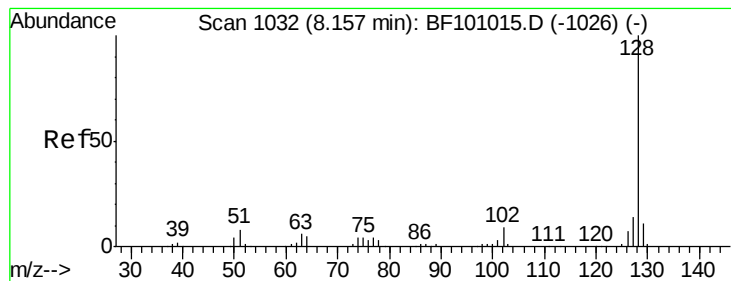
#30
 1,2,4-Trichlorobenzene
 Concen: 38.92 ng
 RT: 8.07 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BF101116.D
 Acq: 5 Dec 2017 11:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	101.7	76.8	115.2
145	31.3	26.5	39.7



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.06 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF101116.D

Acq: 5 Dec 2017 11:33

Instrument :

BNA_F

ClientSampleId :

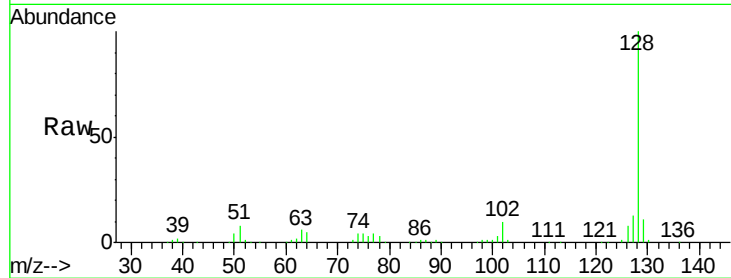
Tot Ion:128 Resp: 386462

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

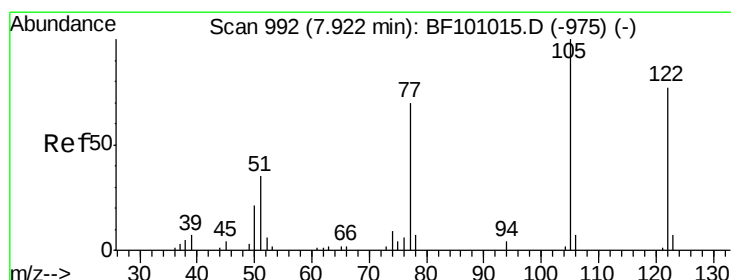
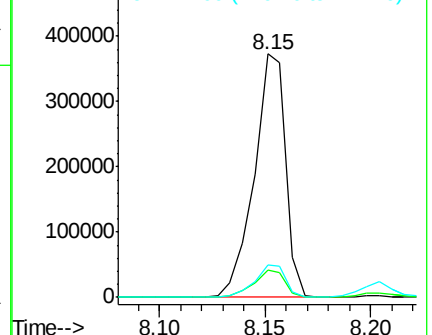
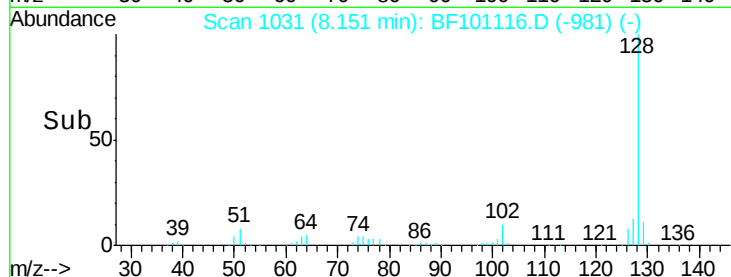
127 13.4 10.9 16.3



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: 31.75 ng

RT: 7.92 min Scan# 992

Delta R.T. 0.00 min

Lab File: BF101116.D

Acq: 5 Dec 2017 11:33

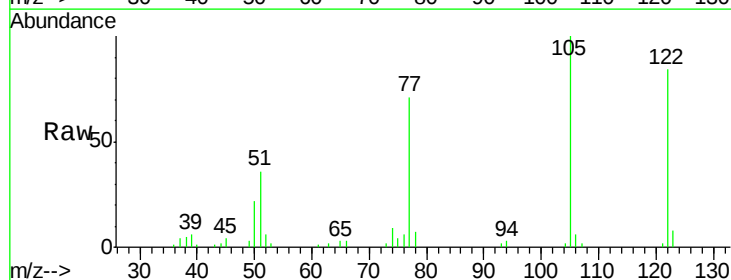
Tgt Ion:122 Resp: 66377

Ion Ratio Lower Upper

122 100

105 119.1 101.1 141.1

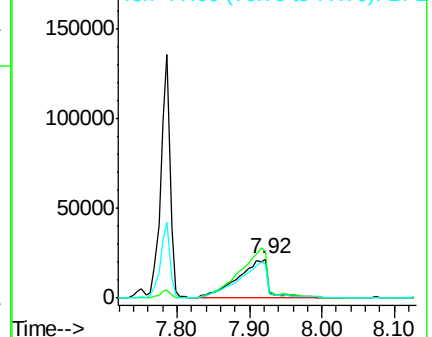
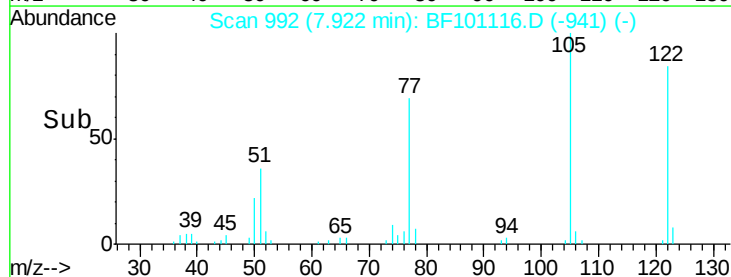
77 84.3 70.7 110.7

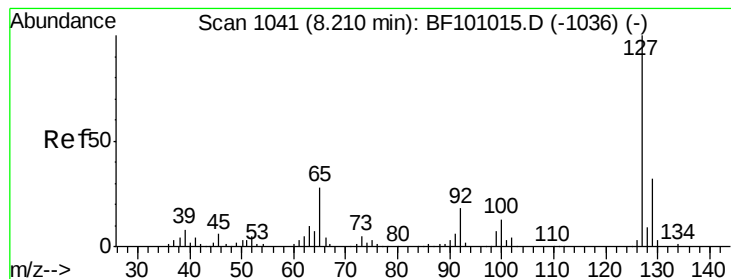


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 7.01 ng

RT: 8.20 min Scan# 1040

Delta R.T. 0.00 min

Lab File: BF101116.D

Acq: 5 Dec 2017 11:33

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 28599

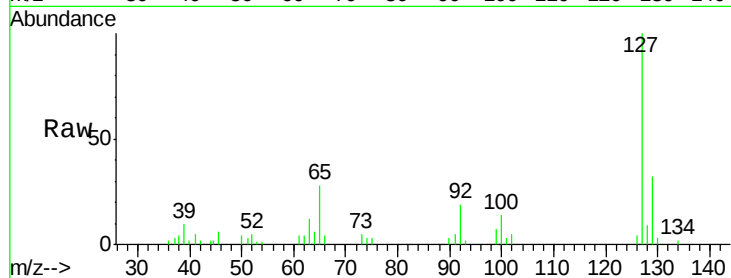
Ion Ratio Lower Upper

127 100

129 31.9 25.9 38.9

65 28.4 25.0 37.4

92 18.8 15.2 22.8

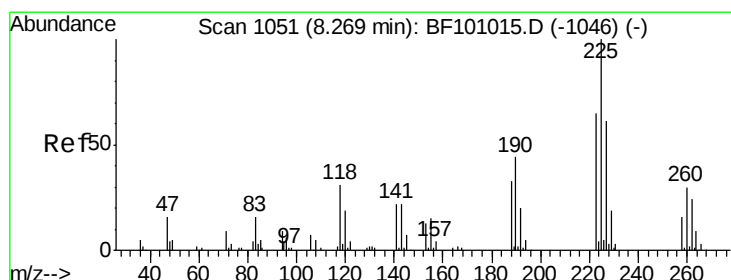
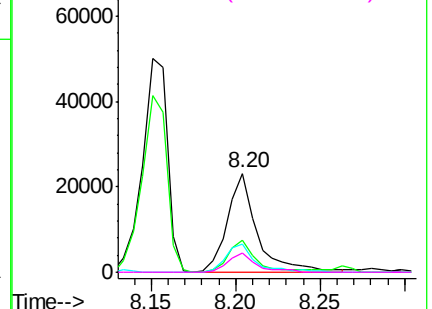
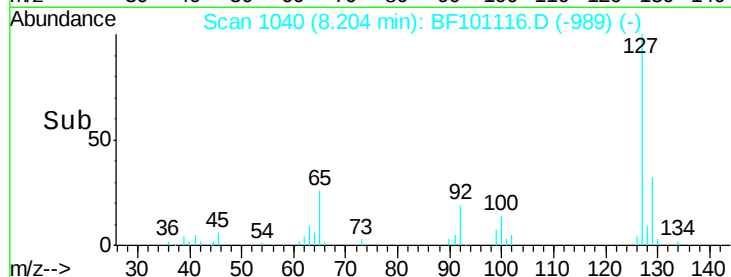


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 37.77 ng

RT: 8.26 min Scan# 1050

Delta R.T. 0.00 min

Lab File: BF101116.D

Acq: 5 Dec 2017 11:33

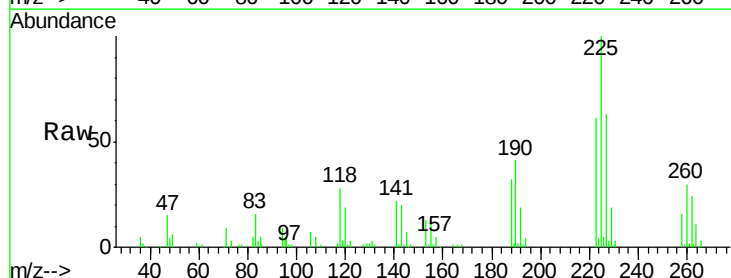
Tgt Ion:225 Resp: 74541

Ion Ratio Lower Upper

225 100

223 61.1 50.6 76.0

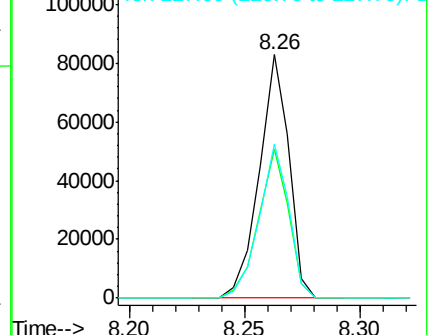
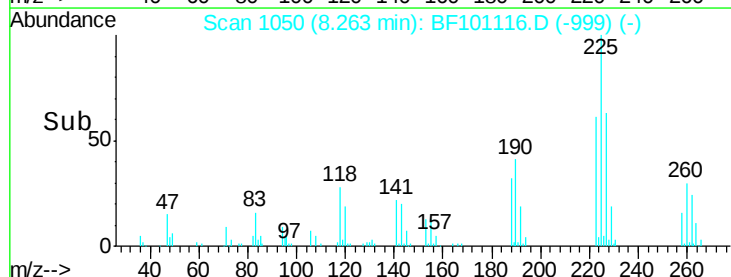
227 63.3 51.9 77.9

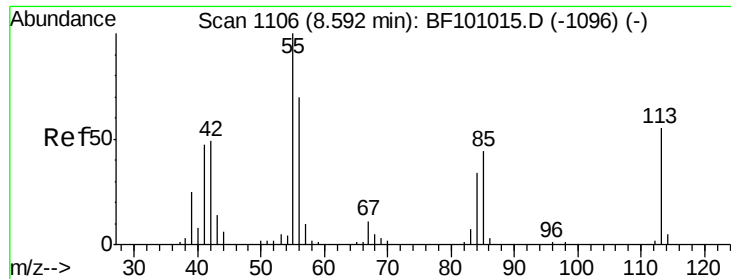


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

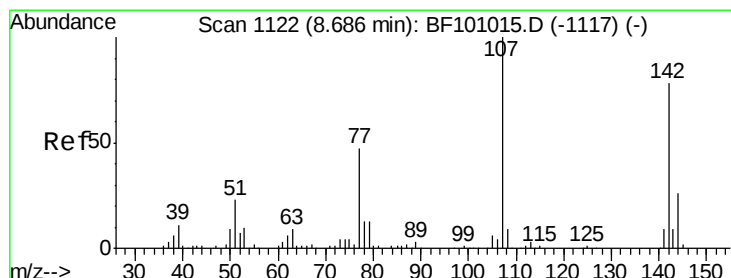
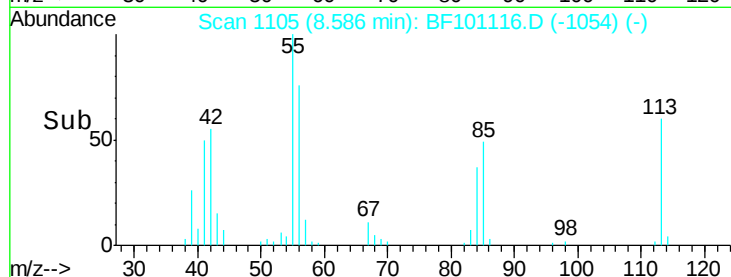
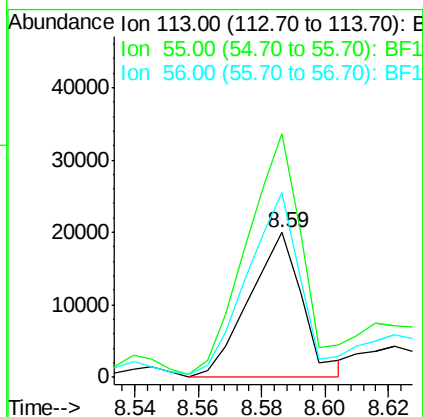
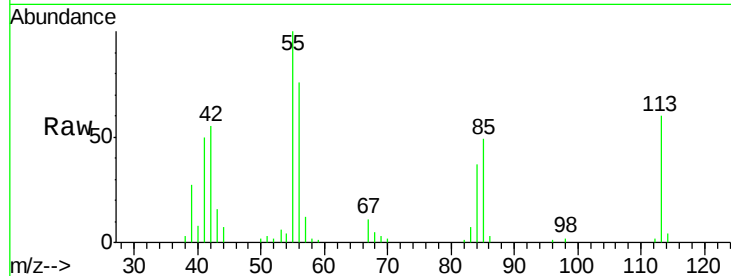




#35
 Caprolactam
 Concen: 25.48 ng
 RT: 8.59 min Scan# 1105
 Delta R.T. 0.00 min
 Lab File: BF101116.D
 Acq: 5 Dec 2017 11:33

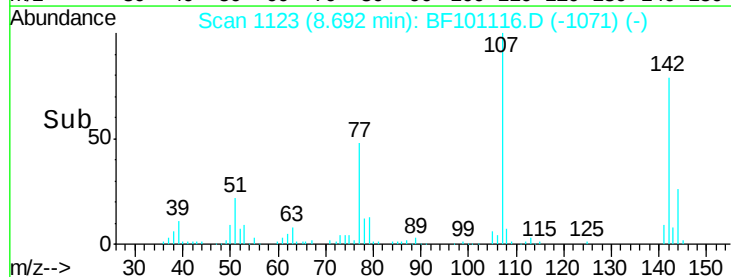
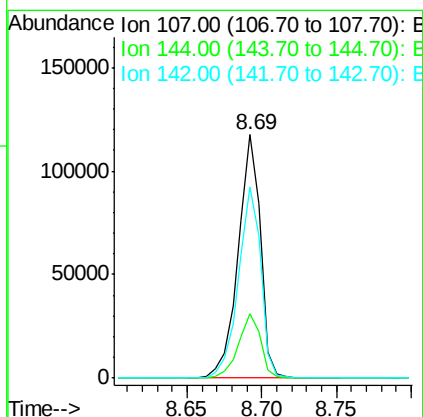
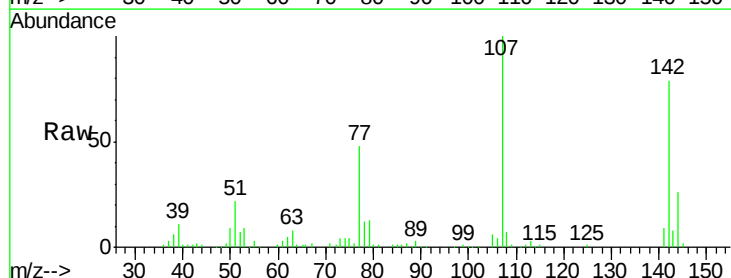
Instrument :
 BNA_F
 ClientSampled :

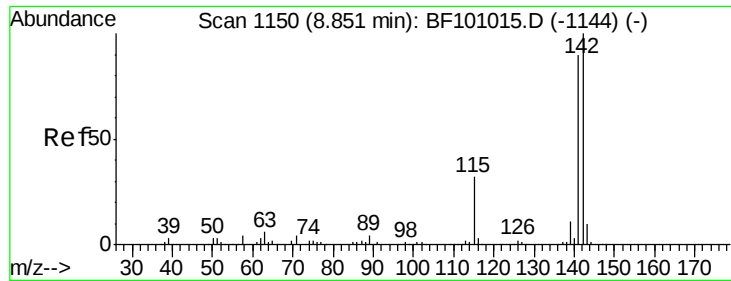
Tot Ion:113 Resp: 23238
 Ion Ratio Lower Upper
 113 100
 55 168.0 163.3 203.3
 56 127.7 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 40.50 ng
 RT: 8.69 min Scan# 1123
 Delta R.T. 0.01 min
 Lab File: BF101116.D
 Acq: 5 Dec 2017 11:33

Tgt Ion:107 Resp: 122764
 Ion Ratio Lower Upper
 107 100
 144 26.5 20.5 30.7
 142 78.5 62.0 93.0

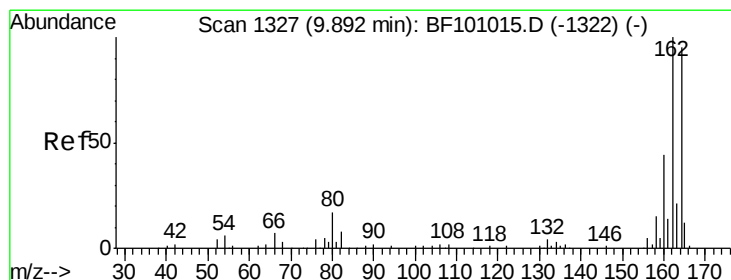
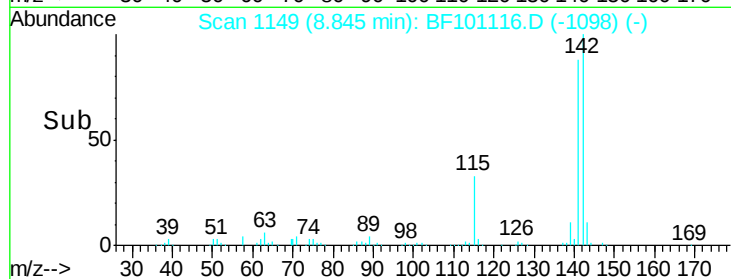
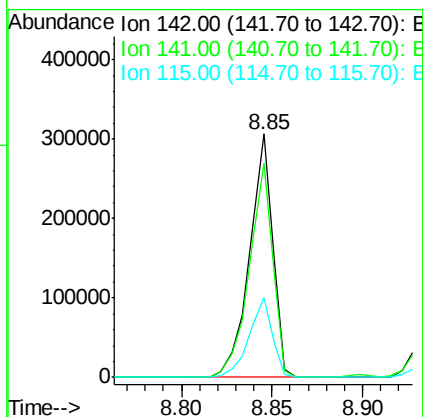
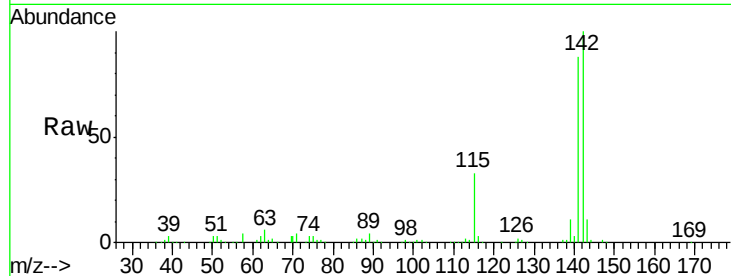




#37
2-Methylnaphthalene
Concen: 39.58 ng
RT: 8.85 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF101116.D
Acq: 5 Dec 2017 11:33

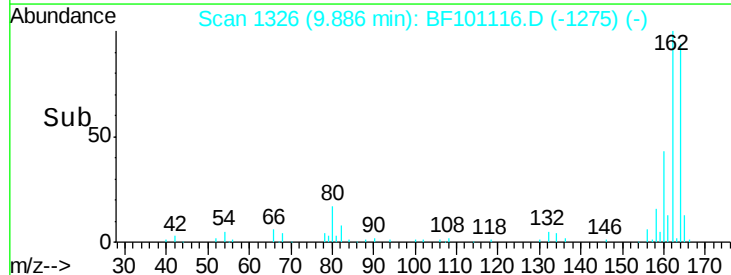
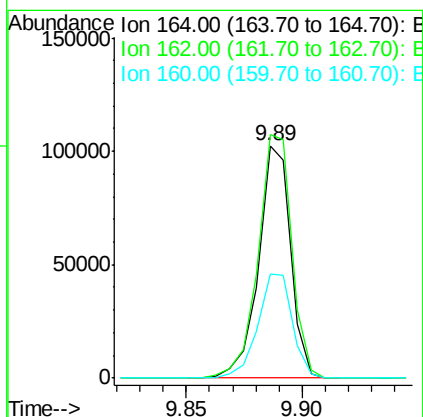
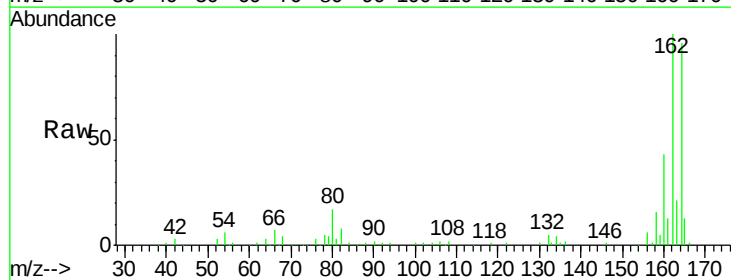
Instrument :
BNA_F
ClientSampled :

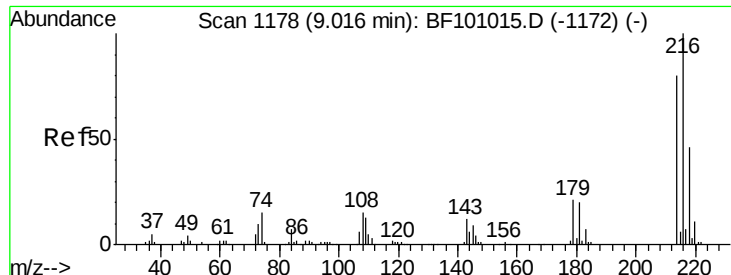
Tot Ion:142 Resp: 273106
Ion Ratio Lower Upper
142 100
141 88.1 70.8 106.2
115 32.6 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF101116.D
Acq: 5 Dec 2017 11:33

Tgt Ion:164 Resp: 99400
Ion Ratio Lower Upper
164 100
162 104.6 86.1 129.1
160 45.0 38.3 57.5

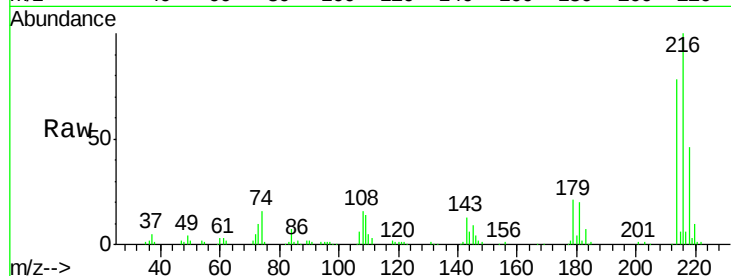




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.68 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BF101116.D
 Acq: 5 Dec 2017 11:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
216	100		
214	77.4	63.0	94.4
179	20.1	18.1	27.1
108	16.6	17.2	25.8

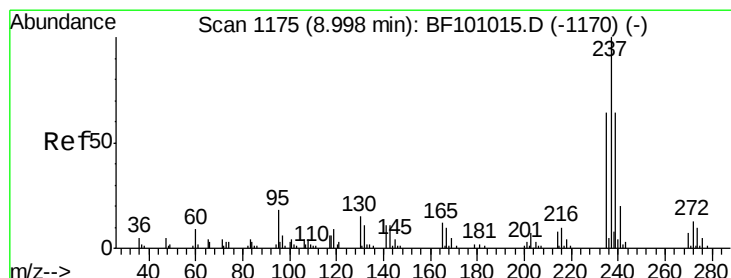
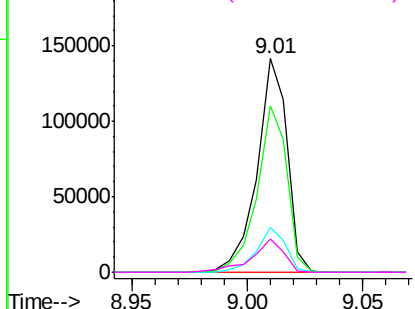
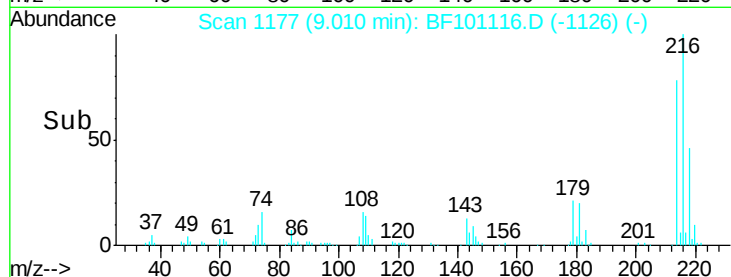


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

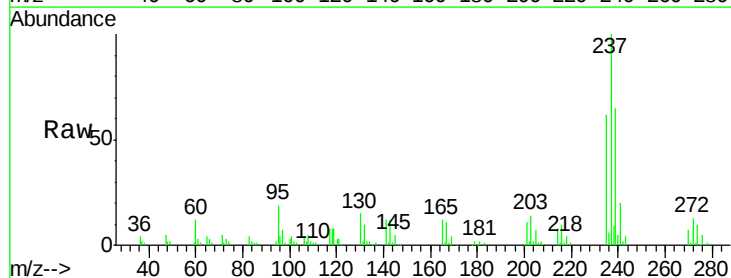
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 55.98 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF101116.D
 Acq: 5 Dec 2017 11:33

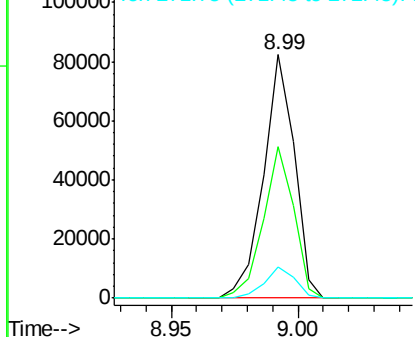
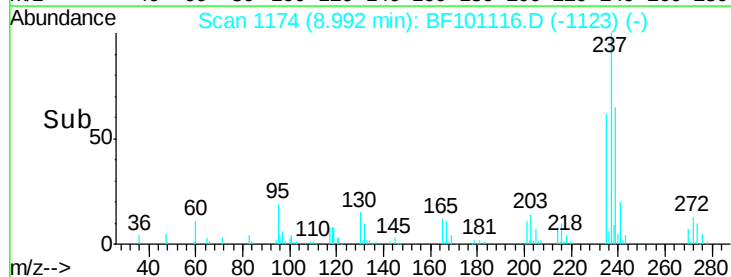
Tgt Ion	Ratio	Lower	Upper
237	100		
235	62.0	44.8	84.8
272	12.8	0.0	33.3

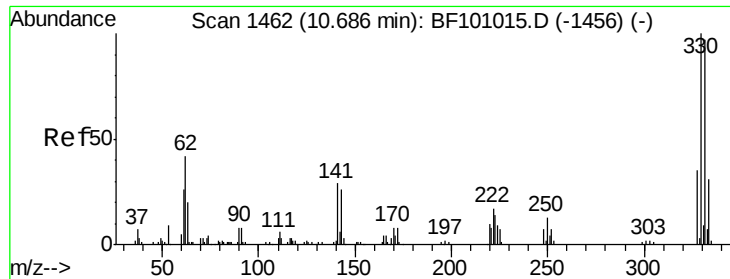


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

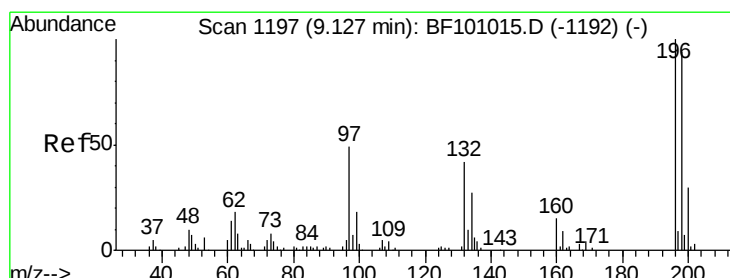
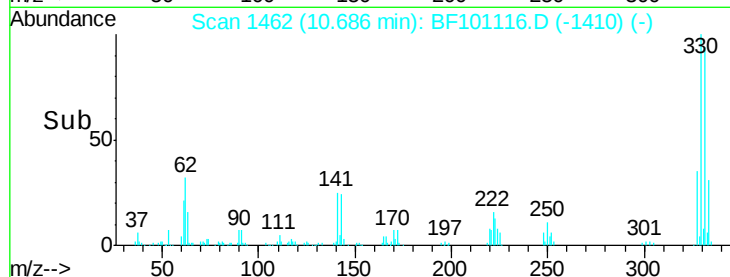
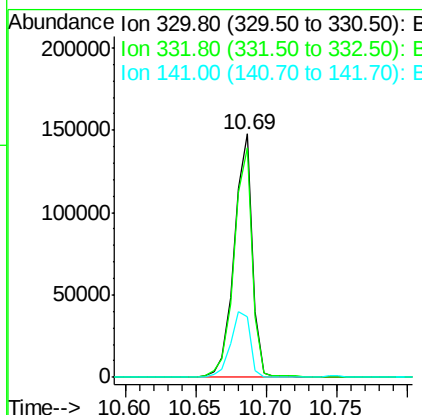
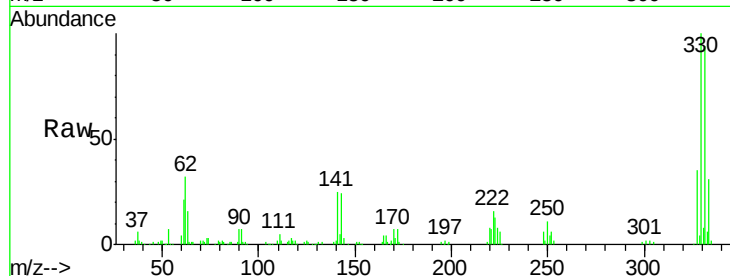




#41
 2,4,6-Tribromophenol
 Concen: 110.70 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. 0.01 min
 Lab File: BF101116.D
 Acq: 5 Dec 2017 11:33

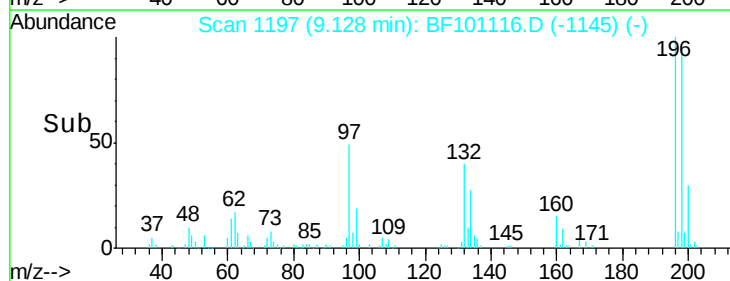
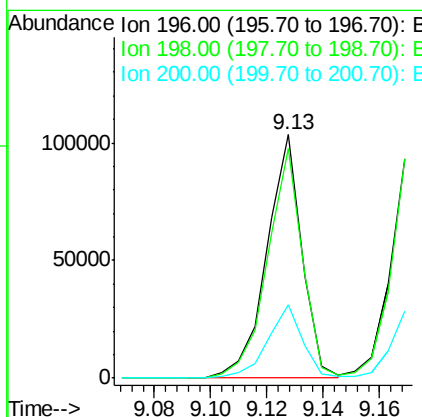
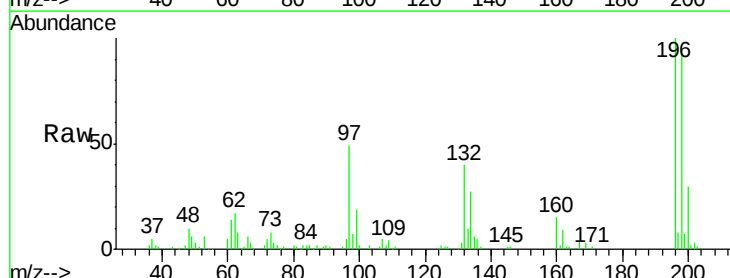
Instrument :
 BNA_F
 ClientSampleId :

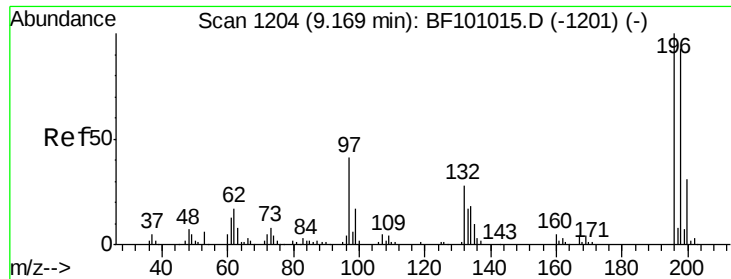
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.0	115.6
141	29.3	29.9	44.9#



#42
 2,4,6-Trichlorophenol
 Concen: 42.22 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.01 min
 Lab File: BF101116.D
 Acq: 5 Dec 2017 11:33

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.3	75.7	113.5
200	29.9	24.5	36.7

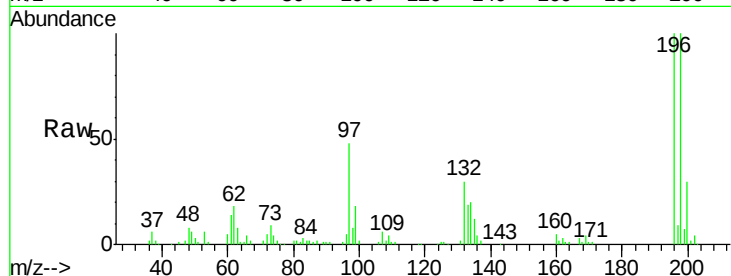




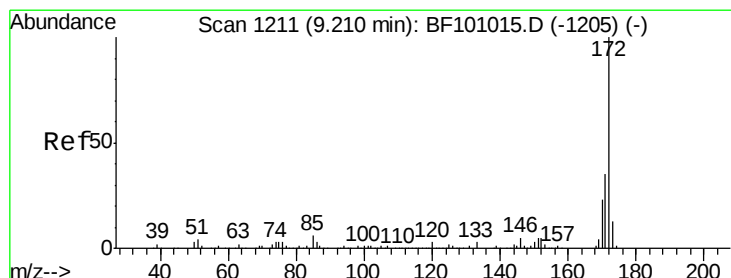
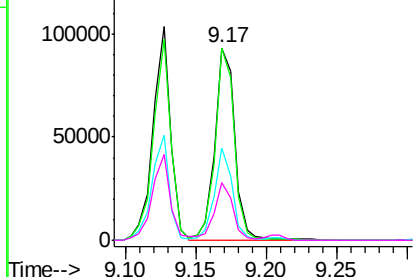
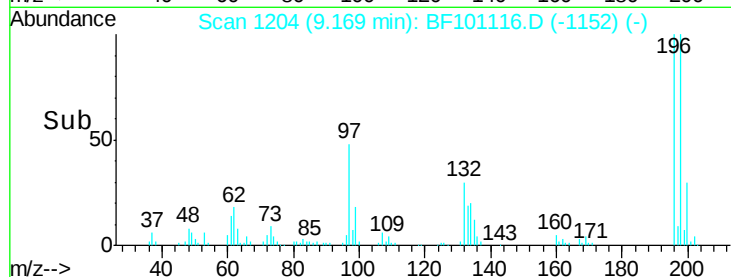
#43
 2,4,5-Trichlorophenol
 Concen: 40.55 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.01 min
 Lab File: BF101116.D
 Acq: 5 Dec 2017 11:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	91771
Ion	Ratio	Lower	Upper
196	100		
198	100.1	74.6	112.0
97	48.2	42.9	64.3
132	29.9	26.3	39.5

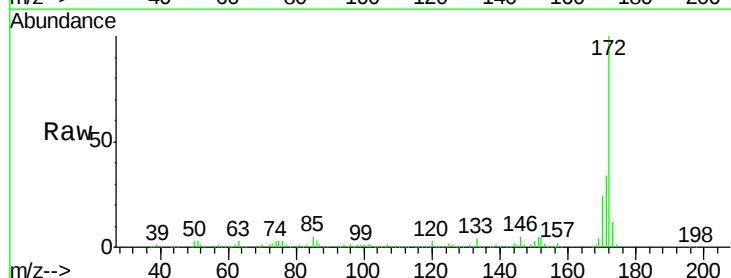


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

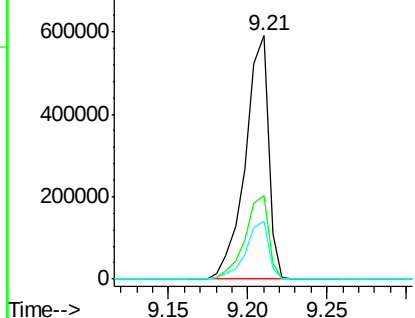
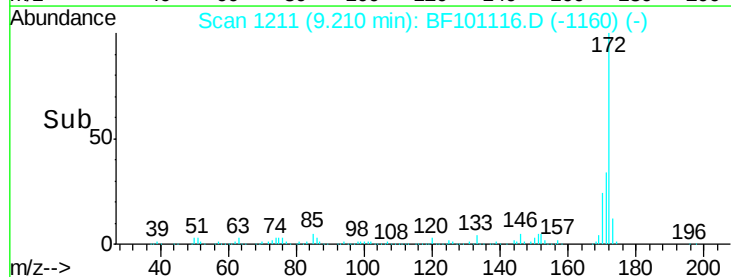


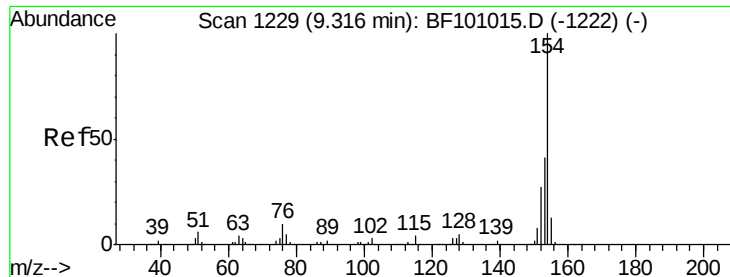
#44
 2-Fluorobiphenyl
 Concen: 82.04 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF101116.D
 Acq: 5 Dec 2017 11:33

Tgt Ion:	172	Resp:	596058
Ion	Ratio	Lower	Upper
172	100		
171	34.4	29.7	44.5
170	23.6	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

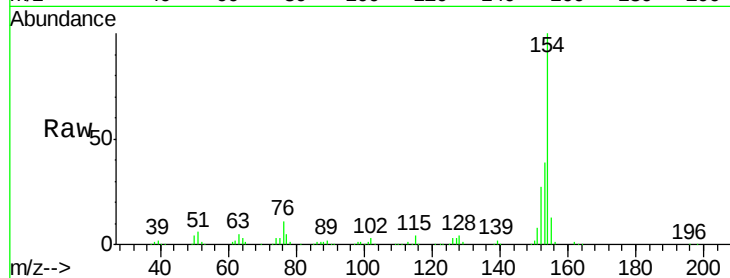




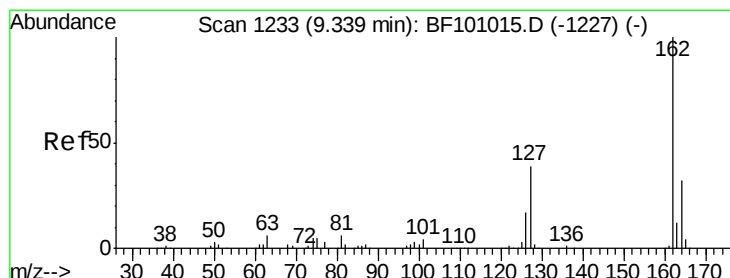
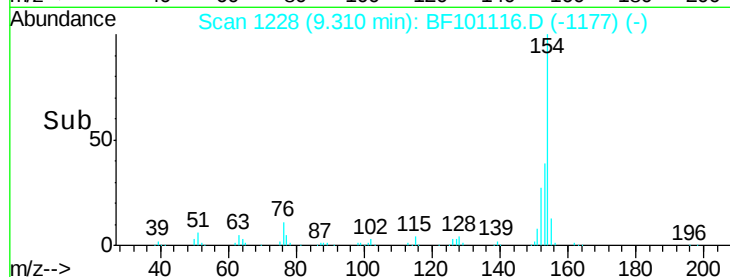
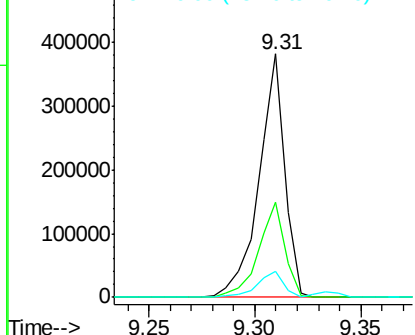
#45
1,1'-Biphenyl
Concen: 35.64 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BF101116.D
Acq: 5 Dec 2017 11:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 324613
Ion Ratio Lower Upper
154 100
153 39.3 21.3 61.3
76 10.8 0.0 34.0

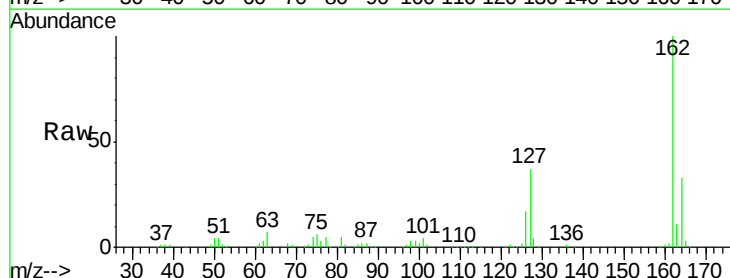


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

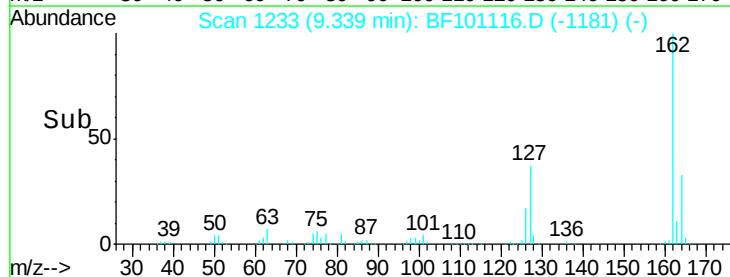
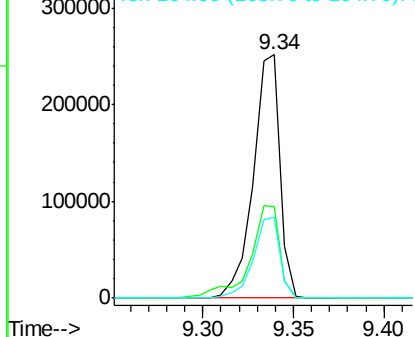


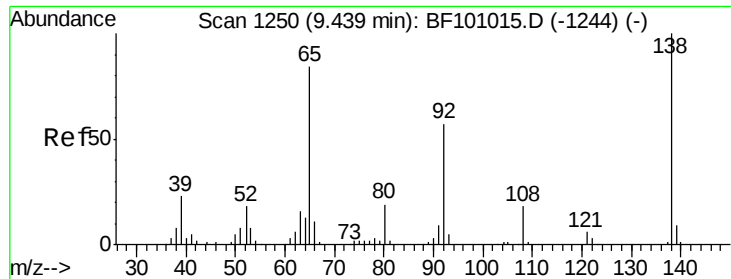
#46
2-Chloronaphthalene
Concen: 39.89 ng
RT: 9.34 min Scan# 1233
Delta R.T. 0.01 min
Lab File: BF101116.D
Acq: 5 Dec 2017 11:33

Tgt Ion:162 Resp: 257984
Ion Ratio Lower Upper
162 100
127 37.4 33.9 50.9
164 33.1 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

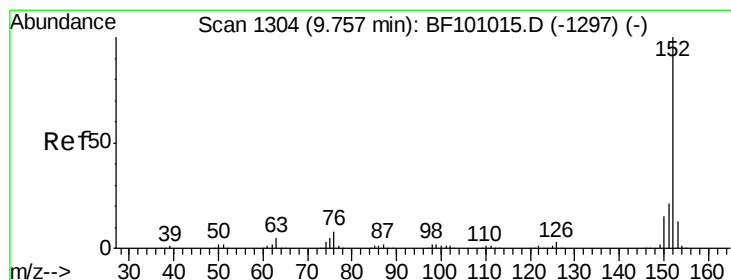
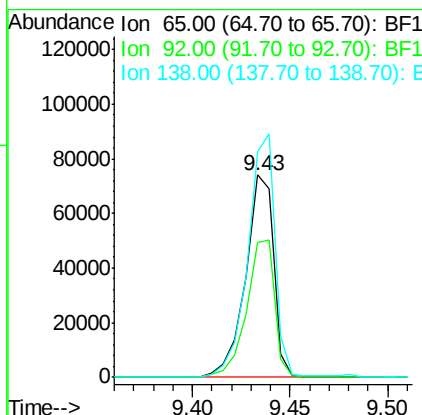
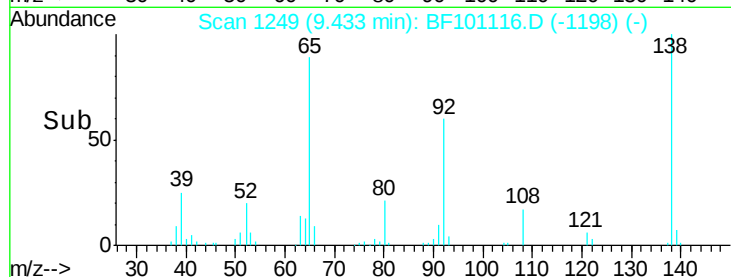
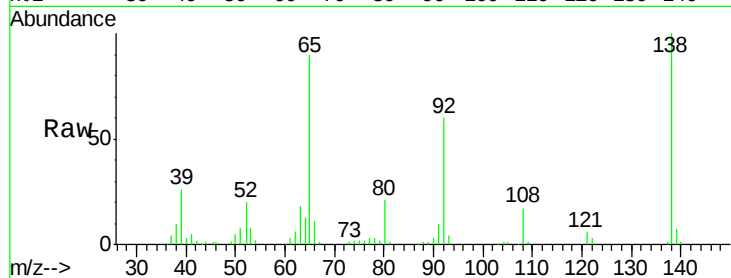




#47
 2-Nitroaniline
 Concen: 38.59 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. 0.00 min
 Lab File: BF101116.D
 Acq: 5 Dec 2017 11:33

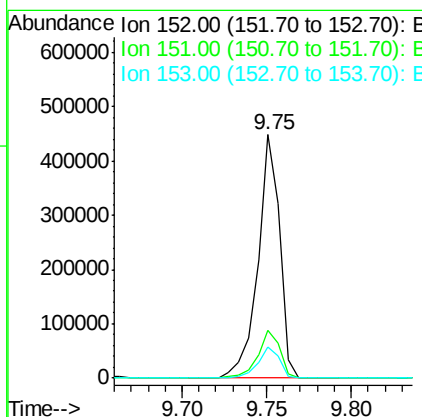
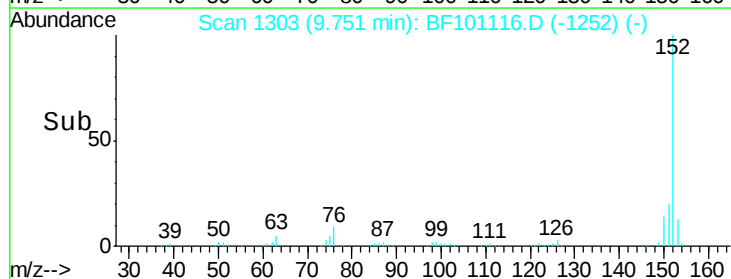
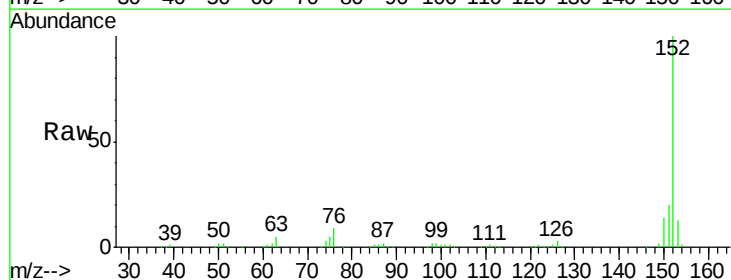
Instrument :
 BNA_F
 ClientSampled :

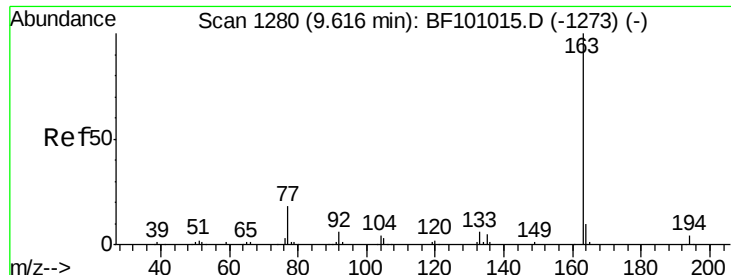
Tot Ion: 65 Resp: 73835
 Ion Ratio Lower Upper
 65 100
 92 66.9 55.8 83.6
 138 111.5 91.2 136.8



#48
 Acenaphthylene
 Concen: 37.91 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. 0.00 min
 Lab File: BF101116.D
 Acq: 5 Dec 2017 11:33

Tgt Ion: 152 Resp: 402993
 Ion Ratio Lower Upper
 152 100
 151 19.8 16.3 24.5
 153 12.7 10.7 16.1

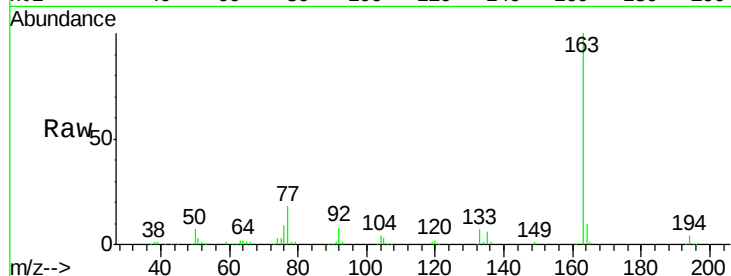




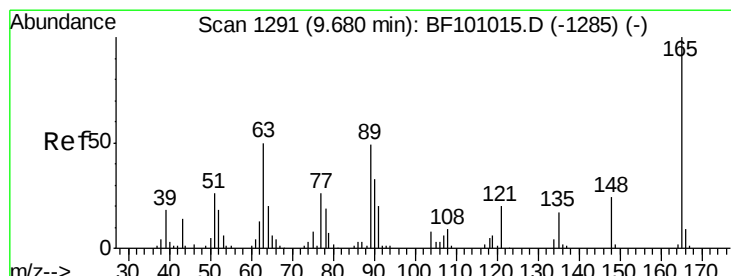
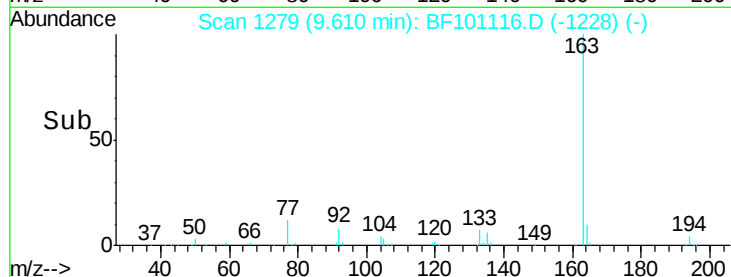
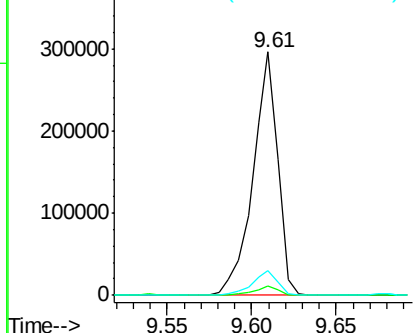
#49
Dimethylphthalate
Concen: 37.83 ng
RT: 9.61 min Scan# 1279
Delta R.T. 0.00 min
Lab File: BF101116.D
Acq: 5 Dec 2017 11:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 303225
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.3 8.2 12.2

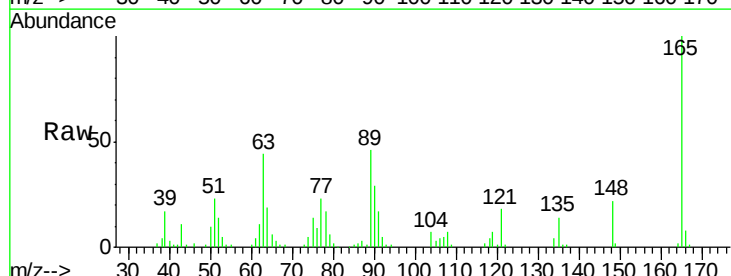


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

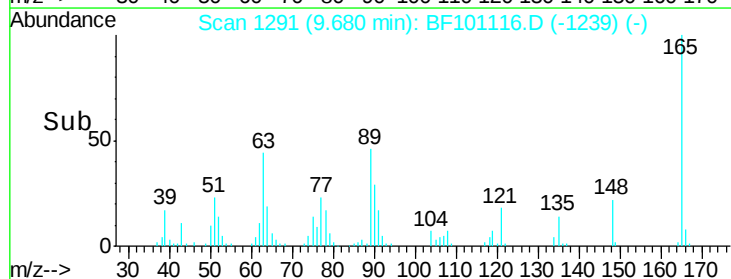
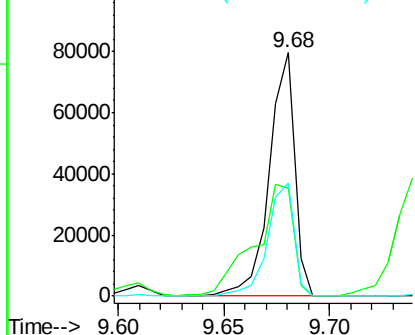


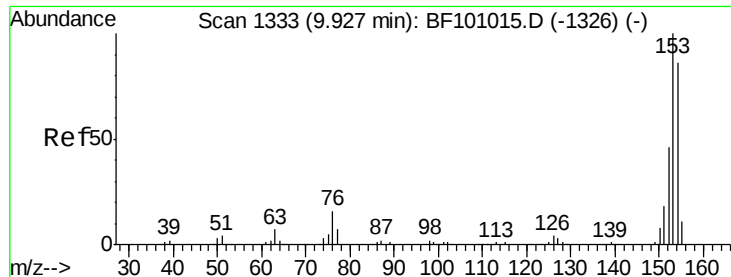
#50
2,6-Dinitrotoluene
Concen: 39.50 ng
RT: 9.68 min Scan# 1291
Delta R.T. 0.01 min
Lab File: BF101116.D
Acq: 5 Dec 2017 11:33

Tgt Ion:165 Resp: 66685
Ion Ratio Lower Upper
165 100
63 44.2 44.7 67.1#
89 46.3 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

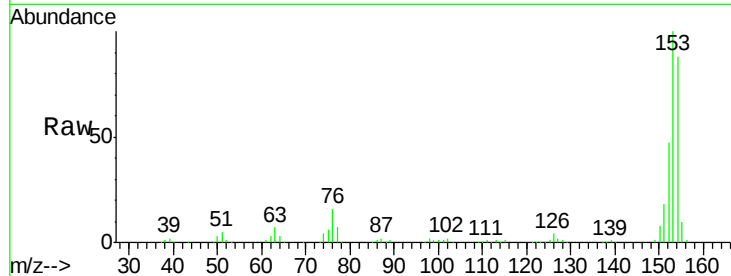




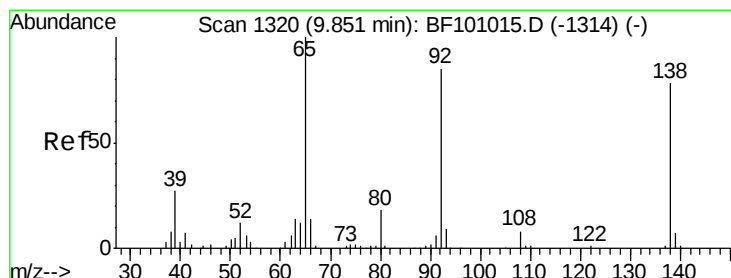
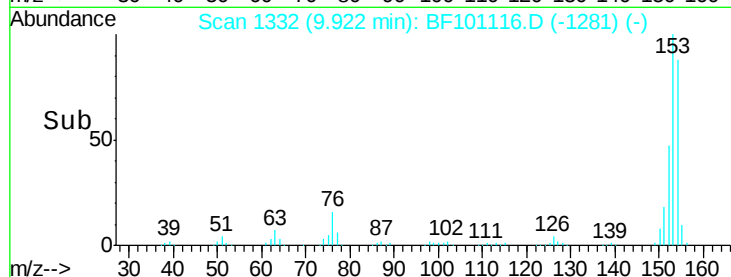
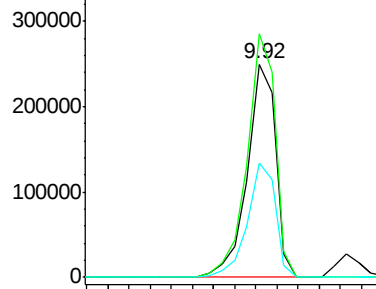
#51
Acenaphthene
Concen: 36.75 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BF101116.D
Acq: 5 Dec 2017 11:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 233876
Ion Ratio Lower Upper
154 100
153 114.2 91.2 136.8
152 53.6 43.8 65.8

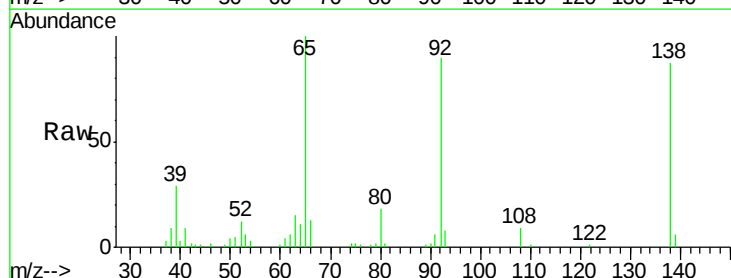


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

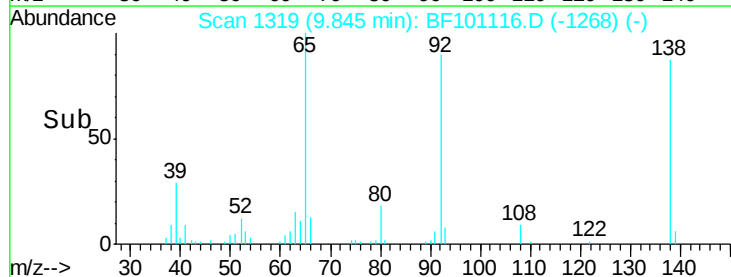
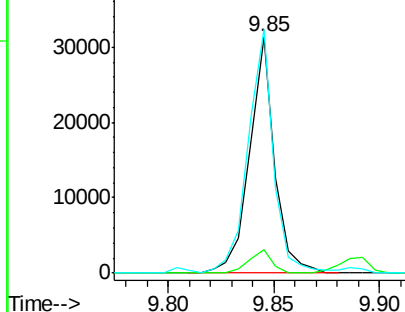


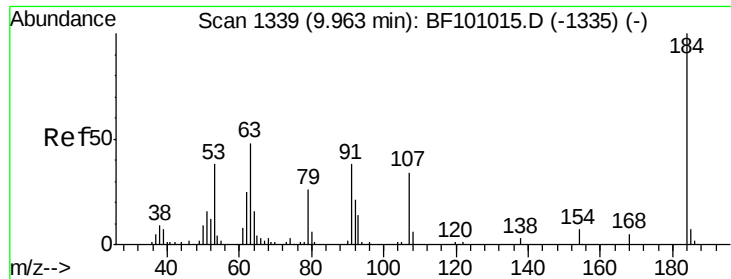
#52
3-Nitroaniline
Concen: 13.61 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BF101116.D
Acq: 5 Dec 2017 11:33

Tgt Ion:138 Resp: 25851
Ion Ratio Lower Upper
138 100
108 10.2 9.4 14.0
92 103.1 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

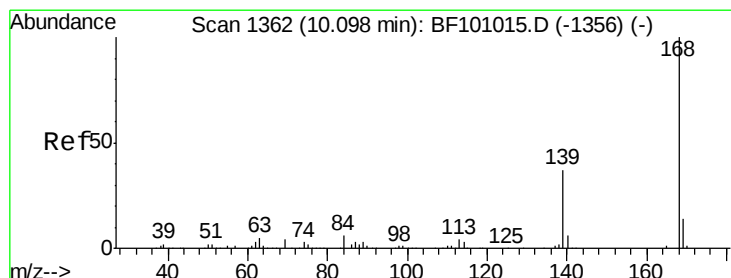
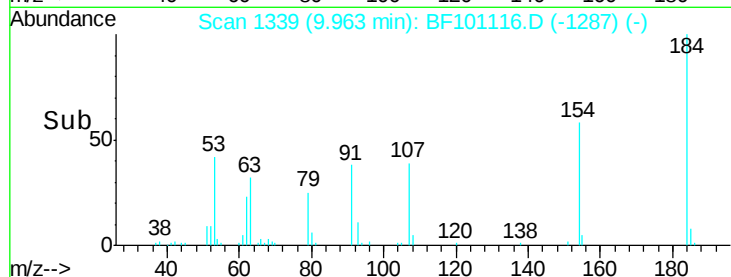
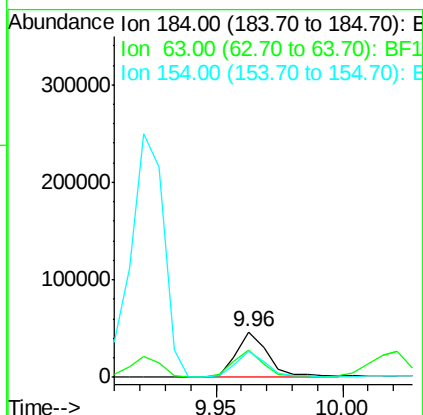
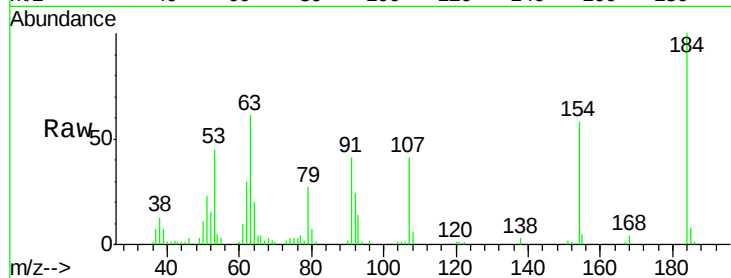




#53
 2,4-Dinitrophenol
 Concen: 49.38 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. 0.01 min
 Lab File: BF101116.D
 Acq: 5 Dec 2017 11:33

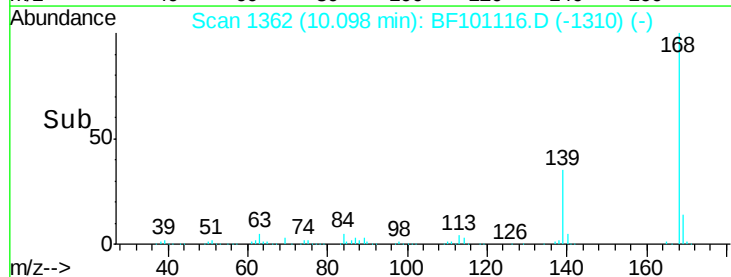
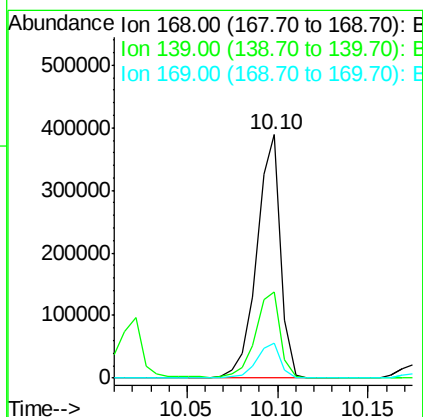
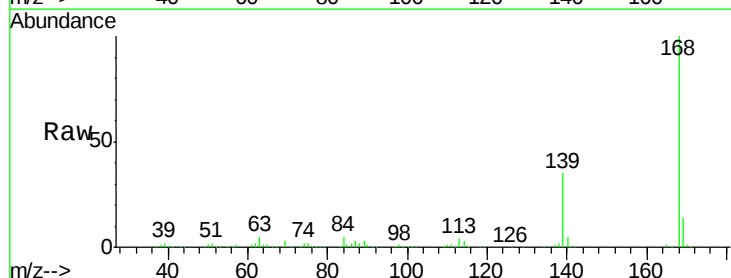
Instrument :
 BNA_F
 ClientSampleId :

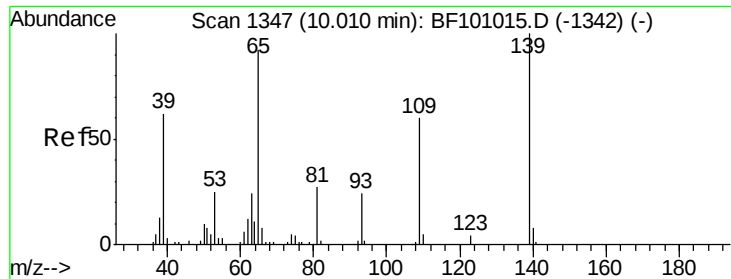
Tot Ion:184 Resp: 41168
 Ion Ratio Lower Upper
 184 100
 63 60.7 54.2 81.2
 154 57.9 184.0 276.0#



#54
 Dibenzofuran
 Concen: 38.45 ng
 RT: 10.10 min Scan# 1362
 Delta R.T. 0.01 min
 Lab File: BF101116.D
 Acq: 5 Dec 2017 11:33

Tgt Ion:168 Resp: 352620
 Ion Ratio Lower Upper
 168 100
 139 35.4 30.1 45.1
 169 14.1 10.9 16.3

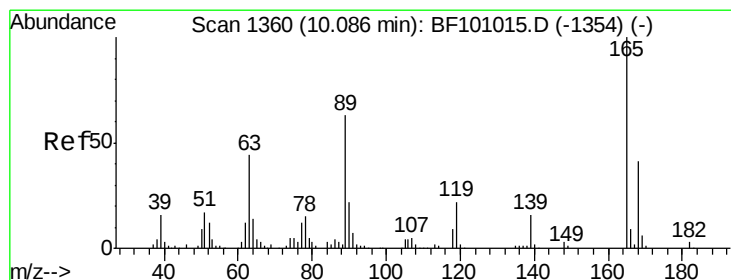
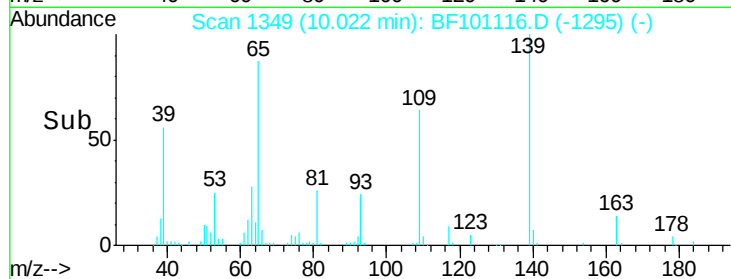
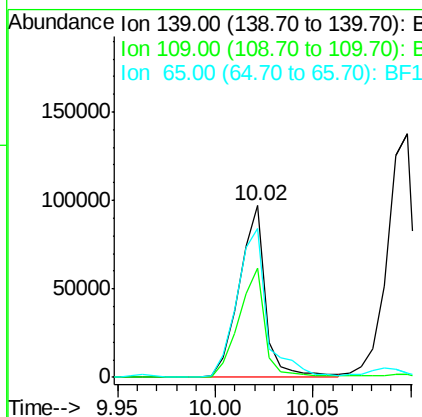
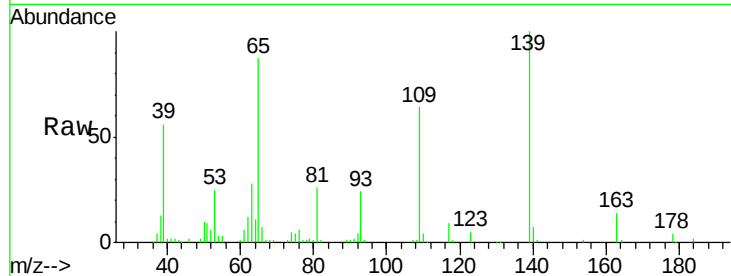




#55
4-Nitrophenol
Concen: 71.01 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.02 min
Lab File: BF101116.D
Acq: 5 Dec 2017 11:33

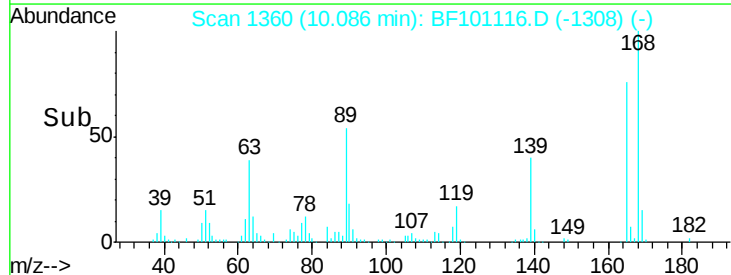
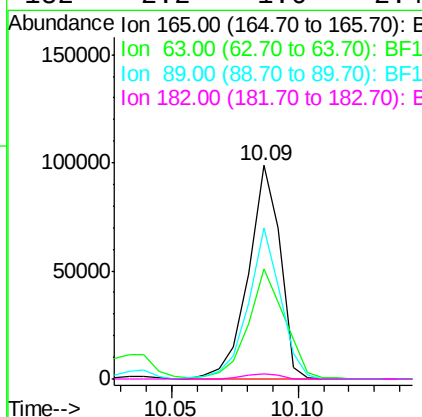
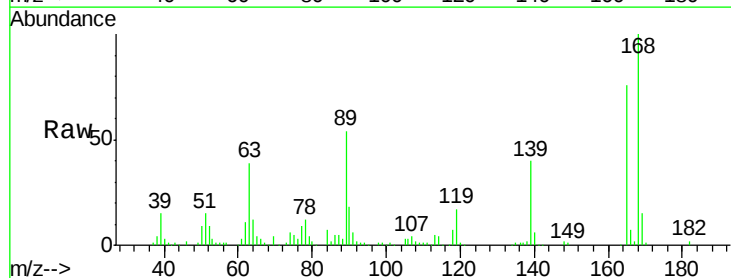
Instrument :
BNA_F
ClientSampleId :

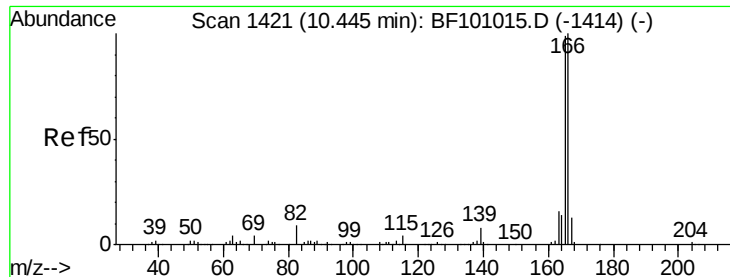
Tot Ion:139 Resp: 90932
Ion Ratio Lower Upper
139 100
109 63.6 48.4 88.4
65 87.1 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 38.12 ng
RT: 10.09 min Scan# 1360
Delta R.T. 0.01 min
Lab File: BF101116.D
Acq: 5 Dec 2017 11:33

Tgt Ion:165 Resp: 86256
Ion Ratio Lower Upper
165 100
63 51.4 36.4 54.6
89 70.8 57.8 86.6
182 2.2 1.6 2.4

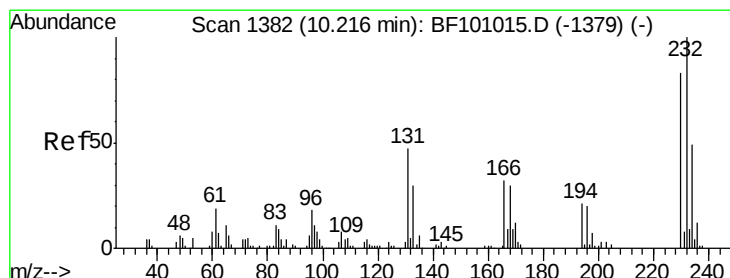
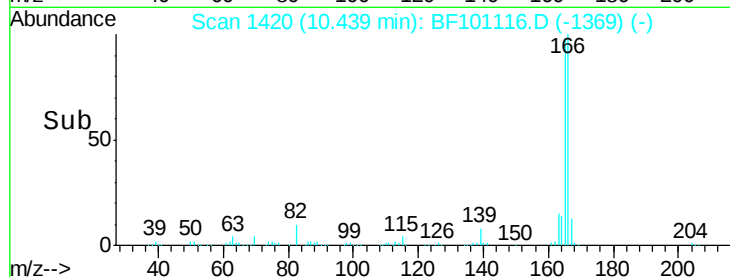
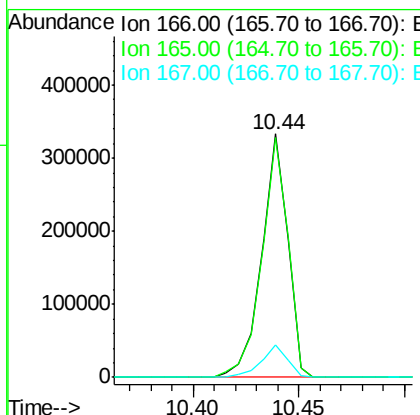
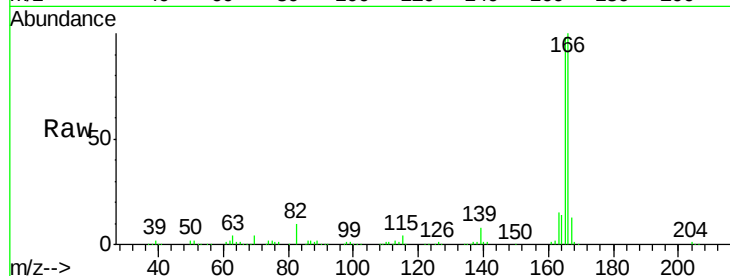




#57
 Fluorene
 Concen: 38.37 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. 0.00 min
 Lab File: BF101116.D
 Acq: 5 Dec 2017 11:33

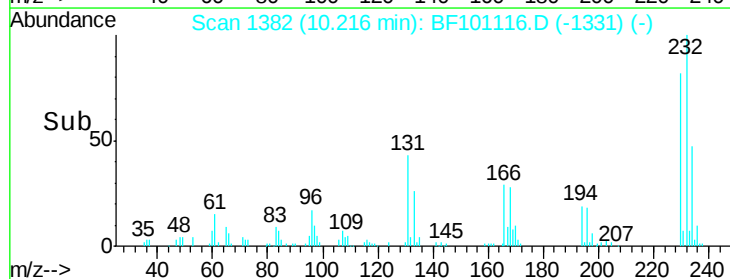
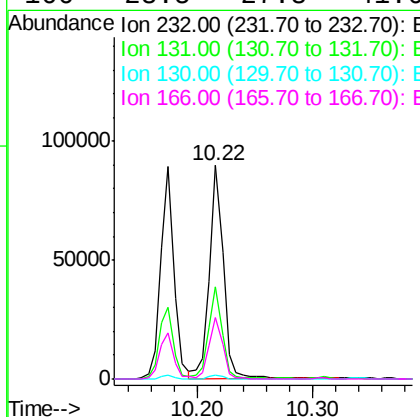
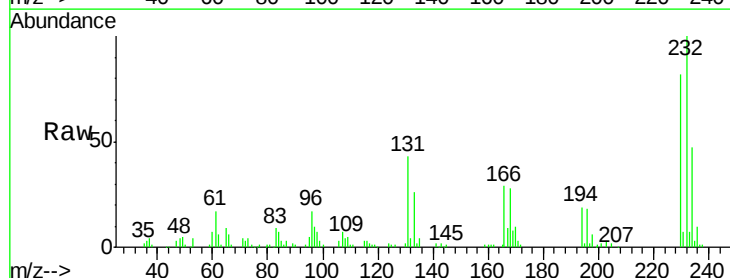
Instrument :
 BNA_F
 ClientSampleId :

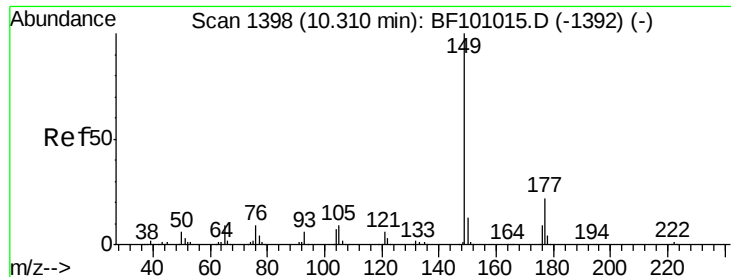
Tot Ion	Ratio	Lower	Upper
166	100		
165	98.5	79.8	119.8
167	13.5	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.92 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: BF101116.D
 Acq: 5 Dec 2017 11:33

Tgt Ion	Ratio	Lower	Upper
232	100		
131	42.4	43.8	65.8#
130	1.8	2.1	3.1#
166	28.5	27.8	41.6

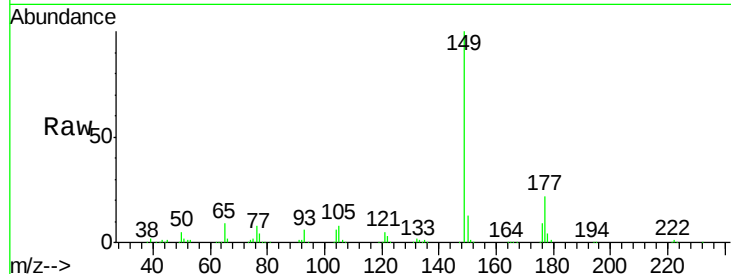




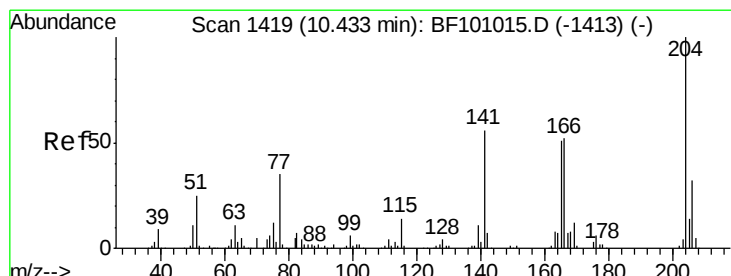
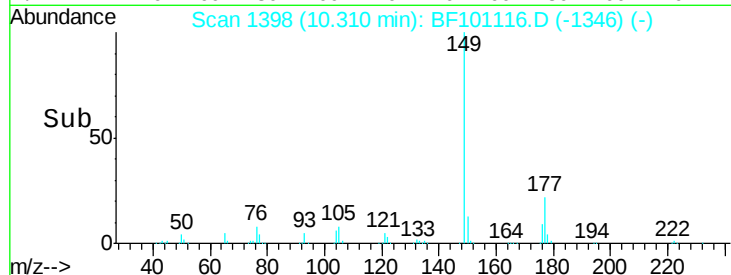
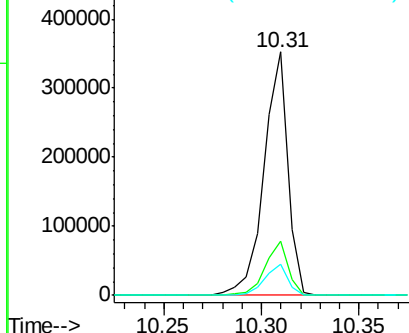
#59
Diethylphthalate
Concen: 37.80 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.01 min
Lab File: BF101116.D
Acq: 5 Dec 2017 11:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 298910
Ion Ratio Lower Upper
149 100
177 22.4 16.1 24.1
150 12.8 10.1 15.1

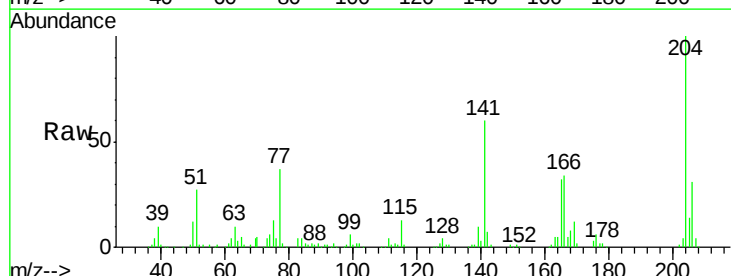


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

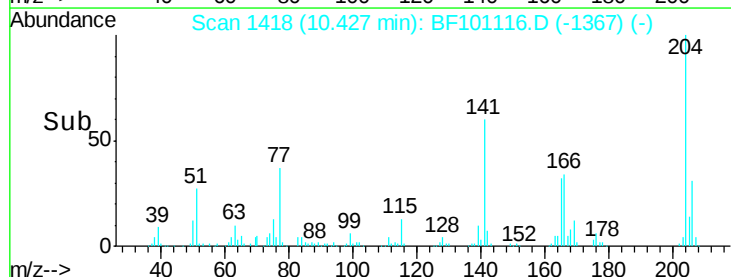
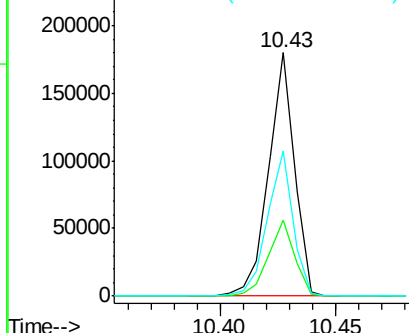


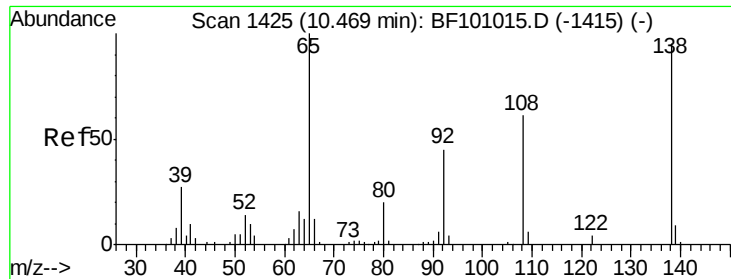
#60
4-Chlorophenyl-phenylether
Concen: 38.25 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF101116.D
Acq: 5 Dec 2017 11:33

Tgt Ion:204 Resp: 140814
Ion Ratio Lower Upper
204 100
206 31.0 26.5 39.7
141 59.7 54.6 81.8



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

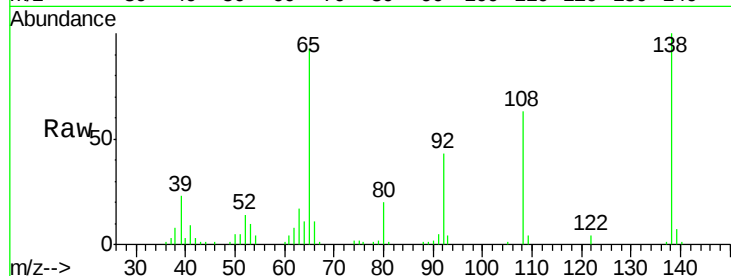




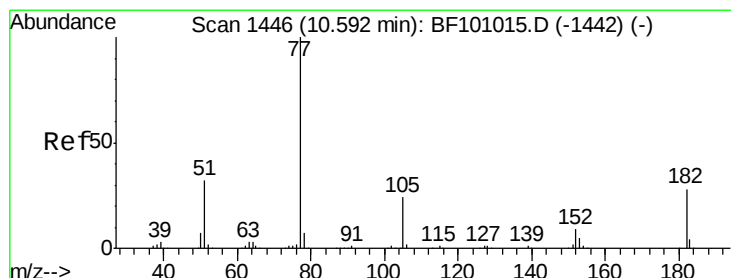
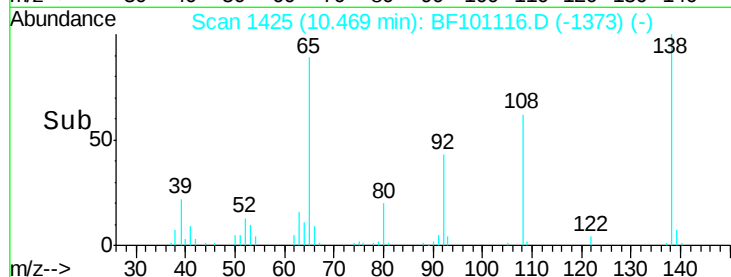
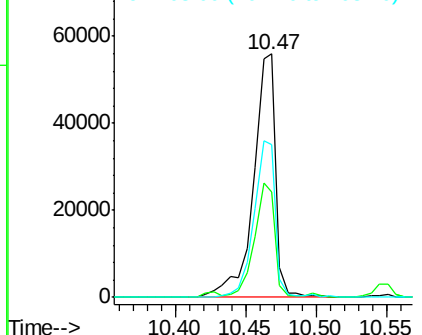
#61
4-Nitroaniline
Concen: 31.56 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF101116.D
Acq: 5 Dec 2017 11:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 62213
Ion Ratio Lower Upper
138 100
92 43.4 30.2 70.2
108 62.9 52.5 92.5

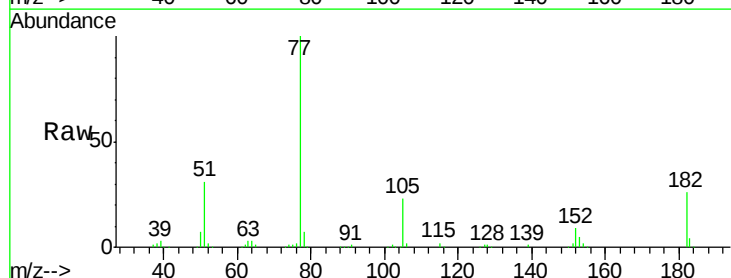


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

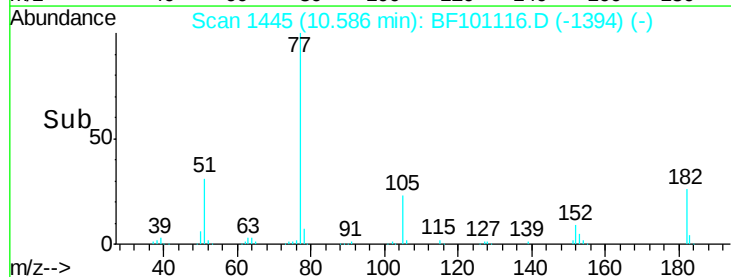
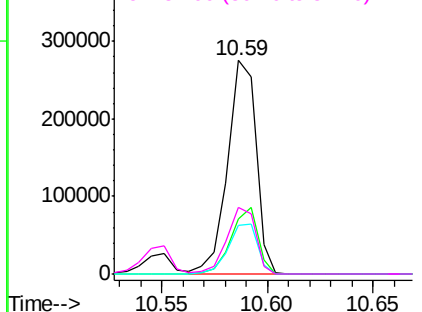


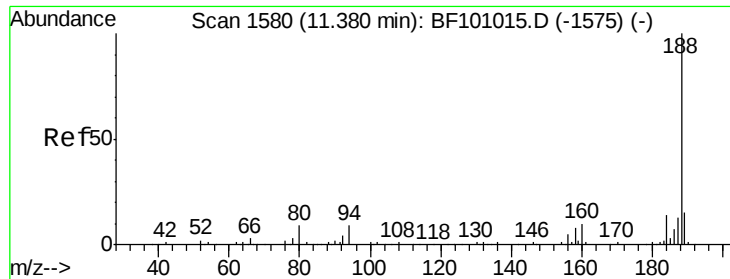
#62
Azobenzene
Concen: 38.19 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.00 min
Lab File: BF101116.D
Acq: 5 Dec 2017 11:33

Tgt Ion: 77 Resp: 256277
Ion Ratio Lower Upper
77 100
182 26.0 1.7 41.7
105 23.0 3.0 43.0
51 31.4 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

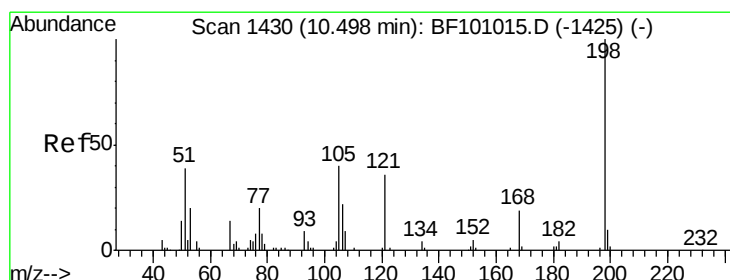
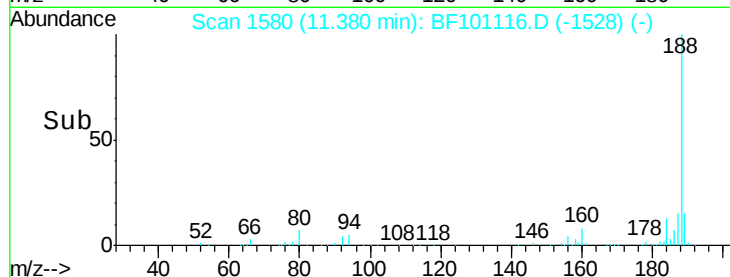
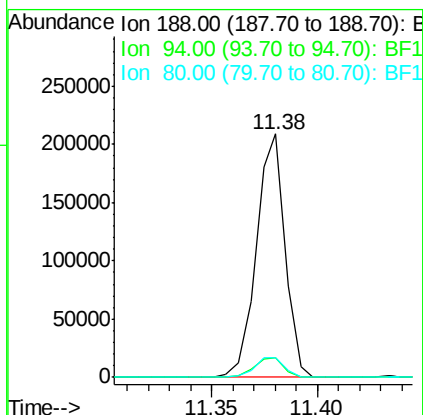
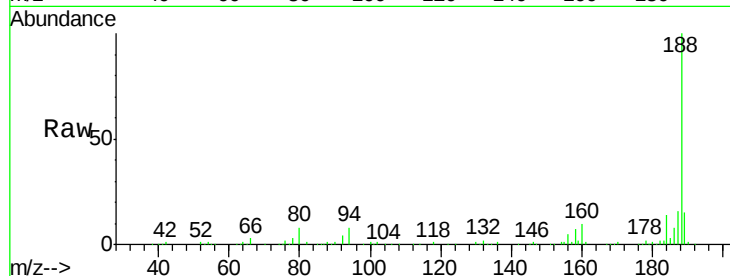




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.01 min
Lab File: BF101116.D
Acq: 5 Dec 2017 11:33

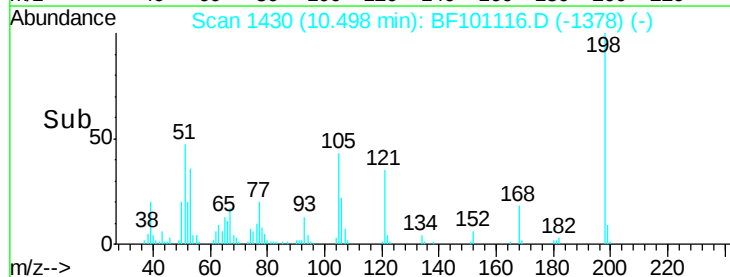
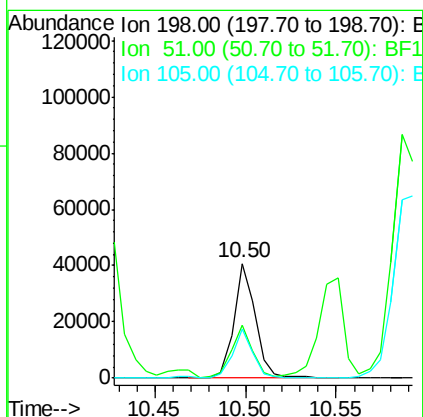
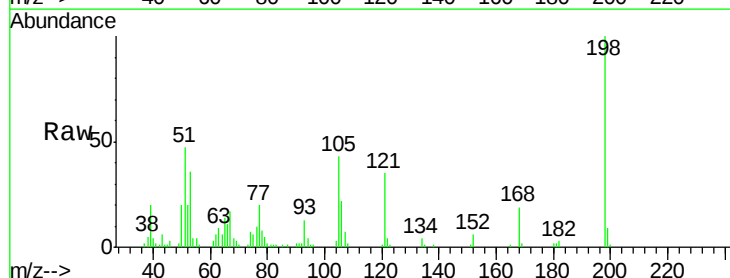
Instrument :
BNA_F
ClientSampleId :

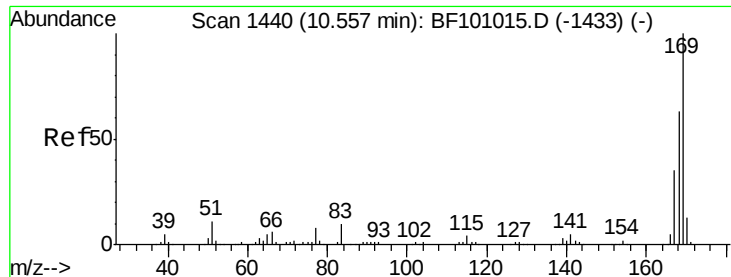
Tot Ion	188	Ratio	Lower	Upper
188	100			
94	7.8	8.5	12.7	
80	7.8	9.2	13.8	



#64
4,6-Dinitro-2-methylphenol
Concen: 25.44 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BF101116.D
Acq: 5 Dec 2017 11:33

Tgt Ion	198	Ratio	Lower	Upper
198	100			
51	46.7	37.7	77.7	
105	42.7	36.3	76.3	

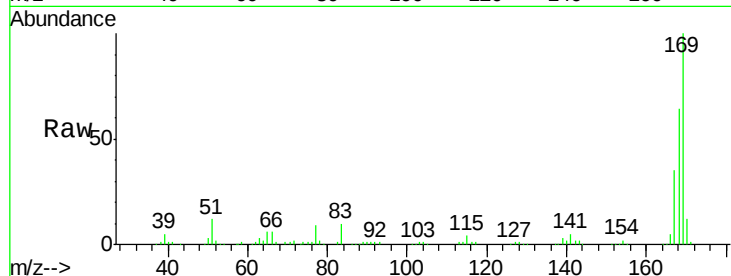




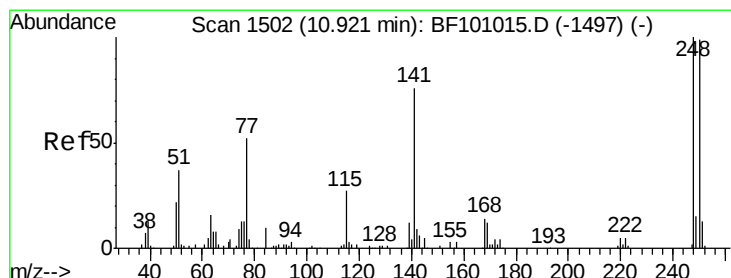
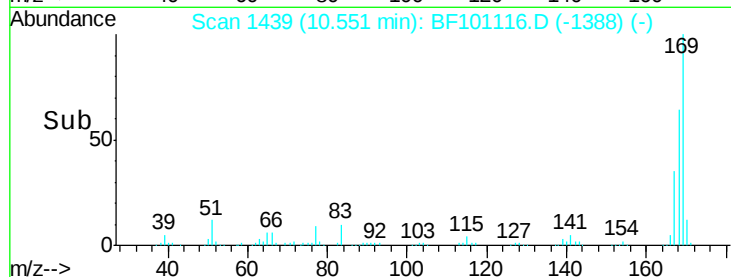
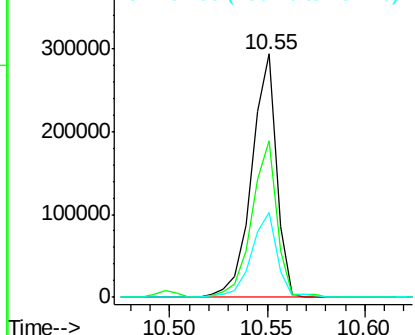
#65
 n-Nitrosodiphenylamine
 Concen: 37.38 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF101116.D
 Acq: 5 Dec 2017 11:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
169	100		
168	64.1	54.4	81.6
167	34.8	29.8	44.6

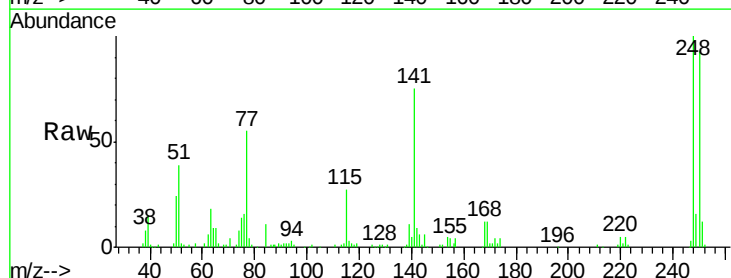


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

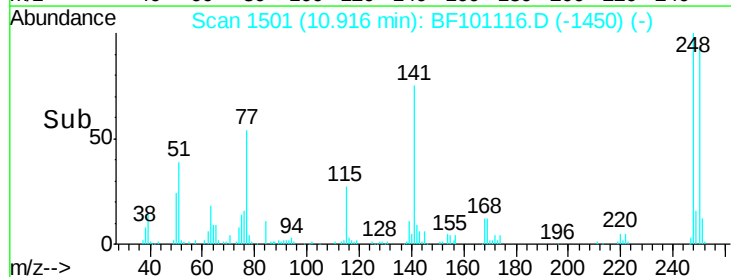
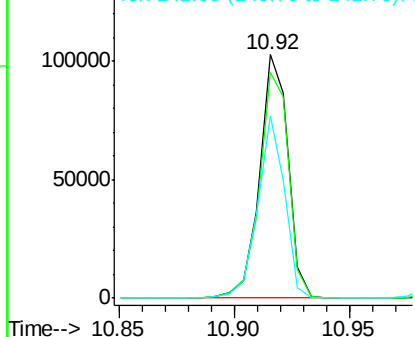


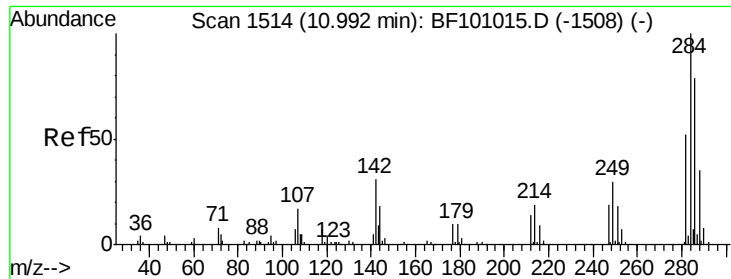
#66
 4-Bromophenyl-phenylether
 Concen: 39.97 ng
 RT: 10.92 min Scan# 1501
 Delta R.T. 0.00 min
 Lab File: BF101116.D
 Acq: 5 Dec 2017 11:33

Tgt Ion	Ratio	Lower	Upper
248	100		
250	92.6	76.9	115.3
141	74.8	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

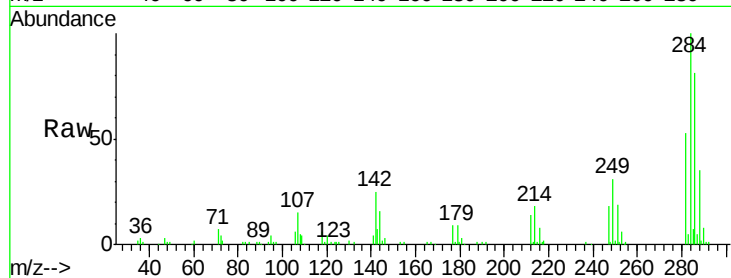




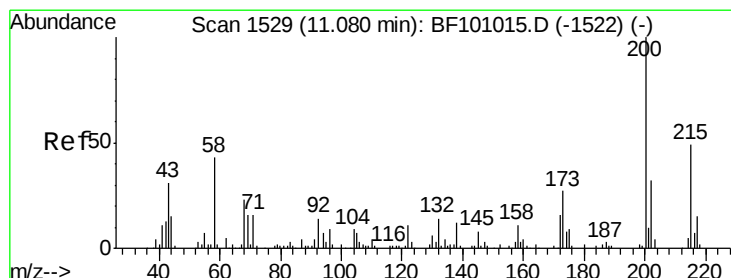
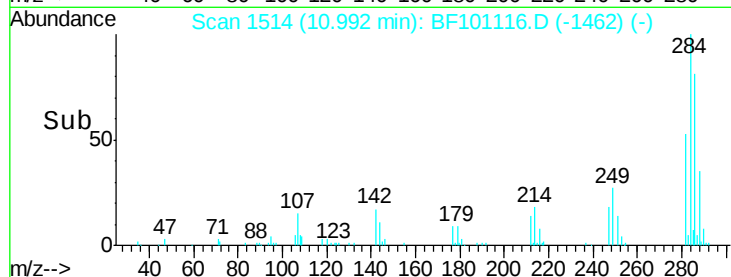
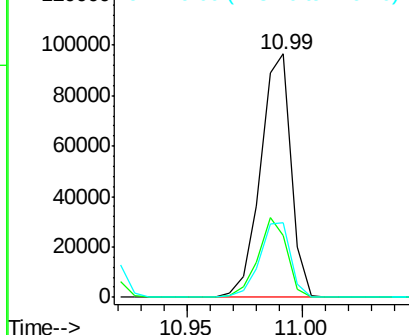
#67
Hexachlorobenzene
Concen: 37.86 ng
RT: 10.99 min Scan# 1514
Delta R.T. 0.01 min
Lab File: BF101116.D
Acq: 5 Dec 2017 11:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 89453
Ion Ratio Lower Upper
284 100
142 25.4 34.6 52.0#
249 30.5 24.8 37.2

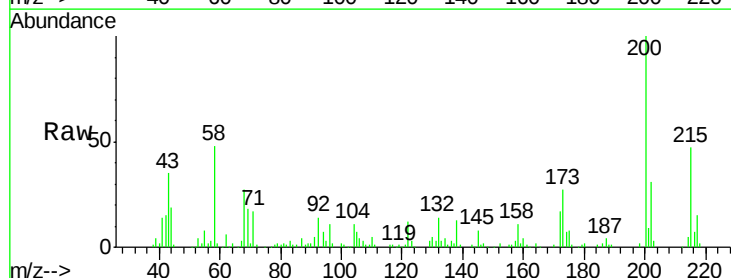


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

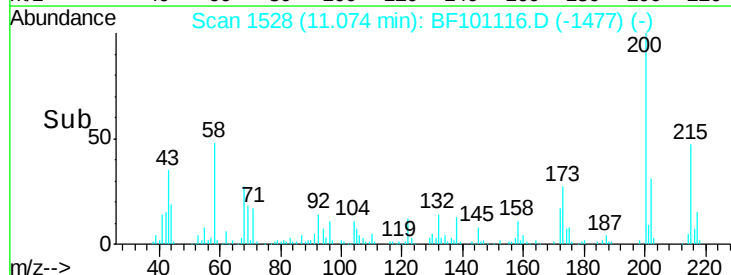
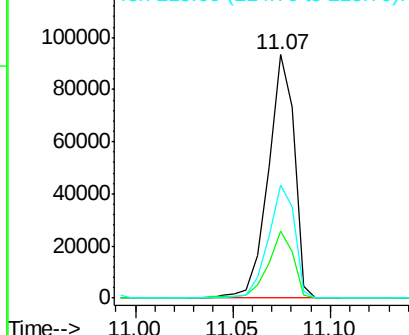


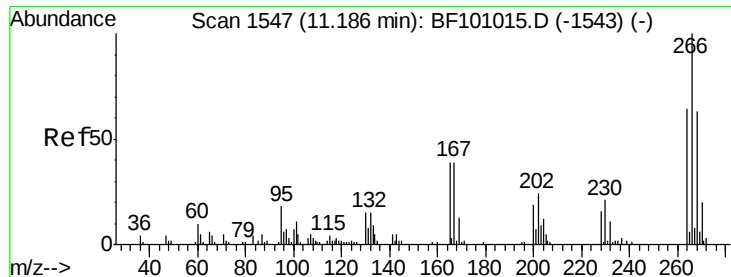
#68
Atrazine
Concen: 40.39 ng
RT: 11.07 min Scan# 1528
Delta R.T. 0.00 min
Lab File: BF101116.D
Acq: 5 Dec 2017 11:33

Tgt Ion:200 Resp: 86103
Ion Ratio Lower Upper
200 100
173 27.3 8.6 48.6
215 46.6 25.1 65.1



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

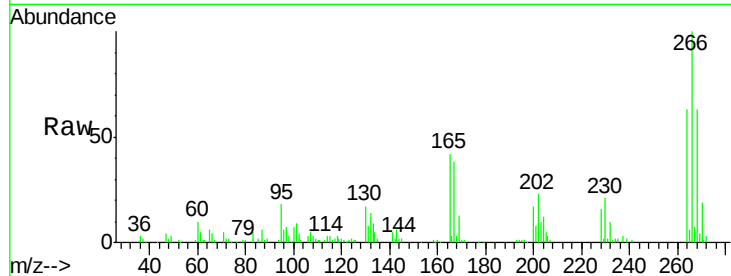




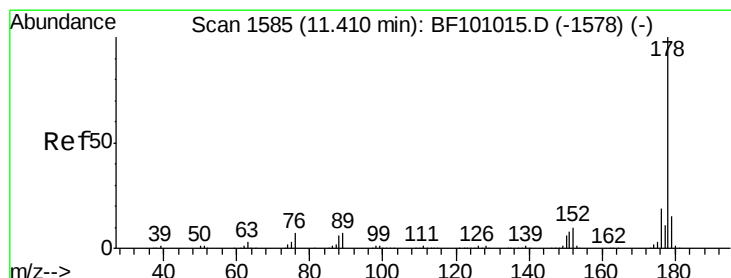
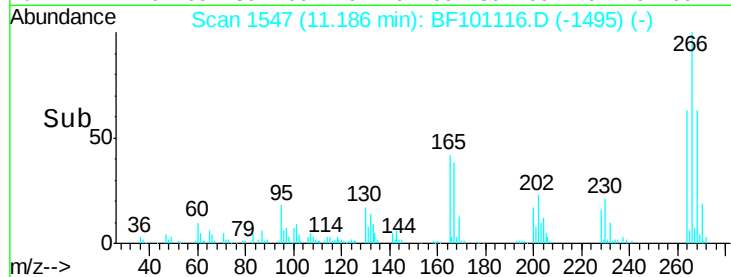
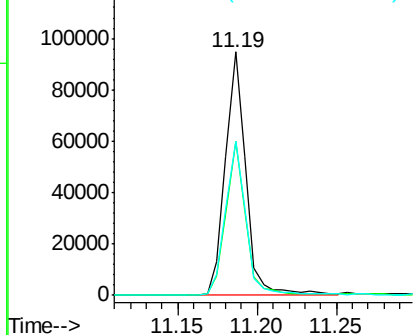
#69
 Pentachlorophenol
 Concen: 65.87 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. 0.01 min
 Lab File: BF101116.D
 Acq: 5 Dec 2017 11:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 85581
 Ion Ratio Lower Upper
 266 100
 268 63.4 51.1 76.7
 264 63.2 49.5 74.3

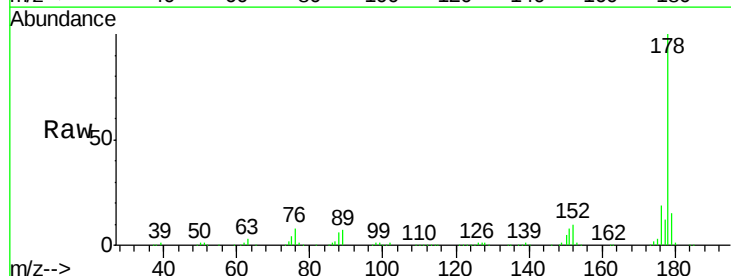


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

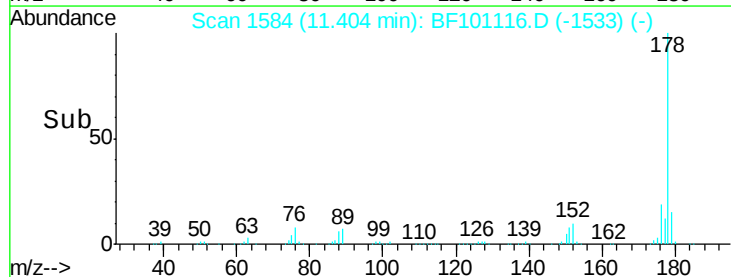
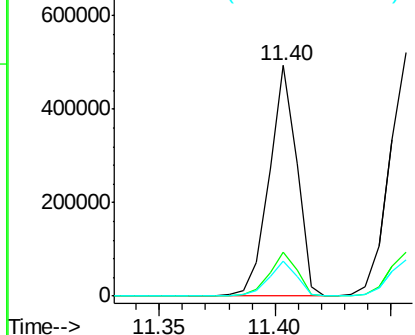


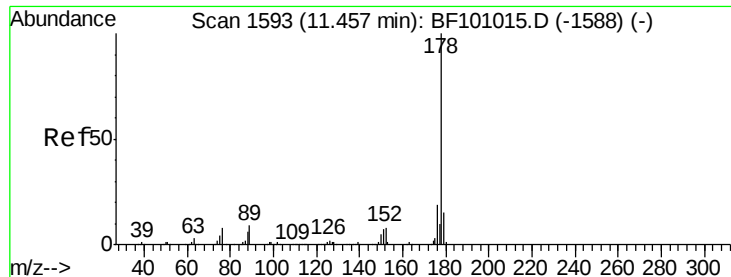
#70
 Phenanthrene
 Concen: 37.89 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BF101116.D
 Acq: 5 Dec 2017 11:33

Tgt Ion:178 Resp: 411029
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.8 23.8
 179 15.5 13.0 19.6



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





#71

Anthracene

Concen: 39.34 ng

RT: 11.46 min Scan# 1593

Delta R.T. 0.01 min

Lab File: BF101116.D

Acq: 5 Dec 2017 11:33

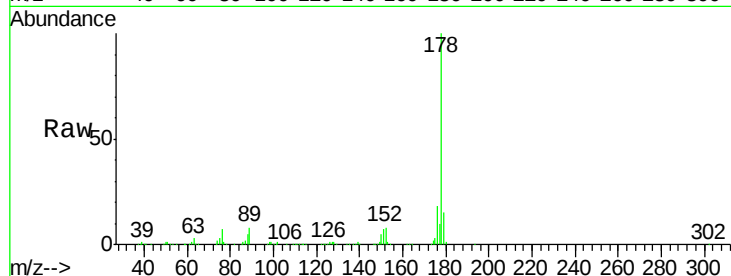
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 431941

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.4	23.2
179	14.9	12.6	19.0

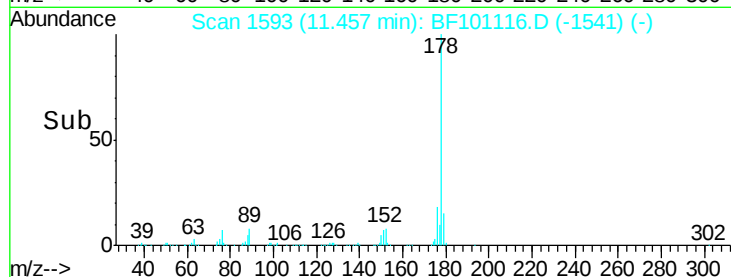


Abundance Ion 178.00 (177.70 to 178.70): E

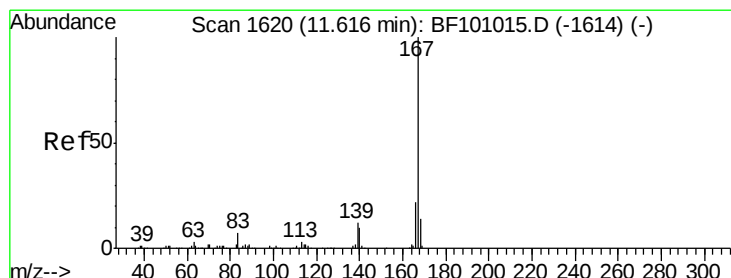
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

11.46



Time-->



#72

Carbazole

Concen: 36.83 ng

RT: 11.61 min Scan# 1619

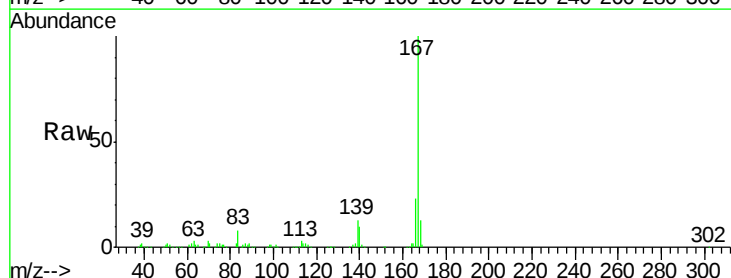
Delta R.T. 0.00 min

Lab File: BF101116.D

Acq: 5 Dec 2017 11:33

Tgt Ion:167 Resp: 369470

Ion	Ratio	Lower	Upper
167	100		
166	22.8	17.6	26.4
139	13.1	10.9	16.3

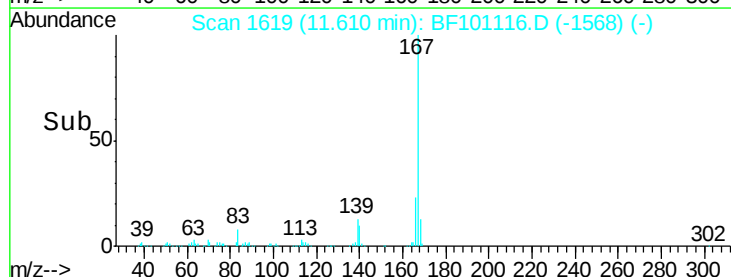


Abundance Ion 167.00 (166.70 to 167.70): E

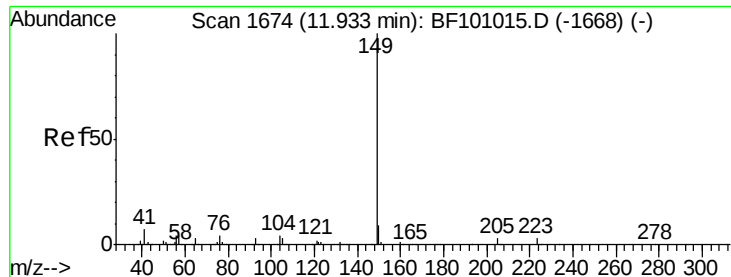
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

11.61



Time-->



#73

Di-n-butylphthalate

Concen: 37.52 ng

RT: 11.93 min Scan# 1674

Delta R.T. 0.01 min

Lab File: BF101116.D

Acq: 5 Dec 2017 11:33

Instrument :

BNA_F

ClientSampleId :

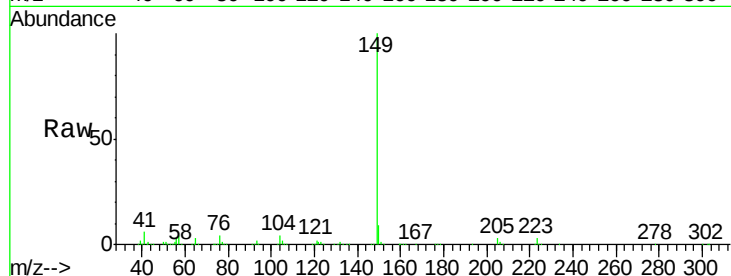
Tot Ion:149 Resp: 471788

Ion Ratio Lower Upper

149 100

150 9.0 7.8 11.6

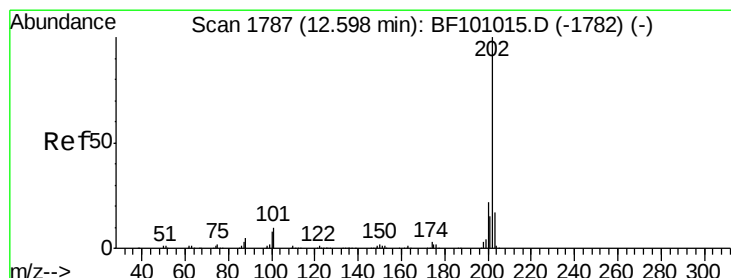
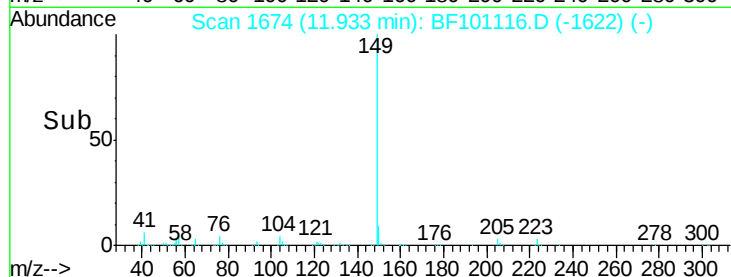
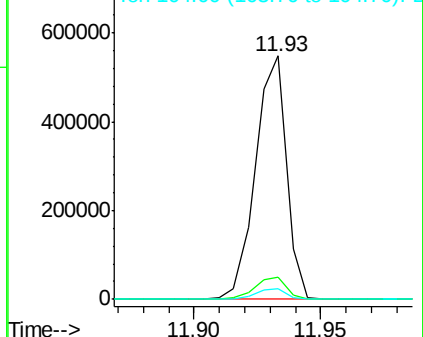
104 4.2 3.8 5.8



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: 36.47 ng

RT: 12.60 min Scan# 1787

Delta R.T. 0.01 min

Lab File: BF101116.D

Acq: 5 Dec 2017 11:33

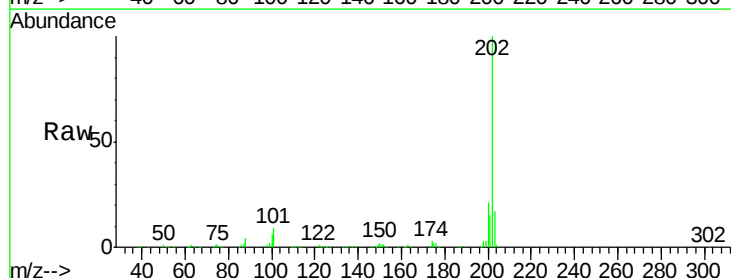
Tgt Ion:202 Resp: 438495

Ion Ratio Lower Upper

202 100

101 8.5 0.0 34.1

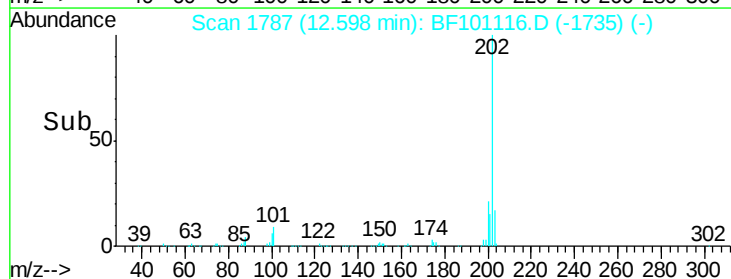
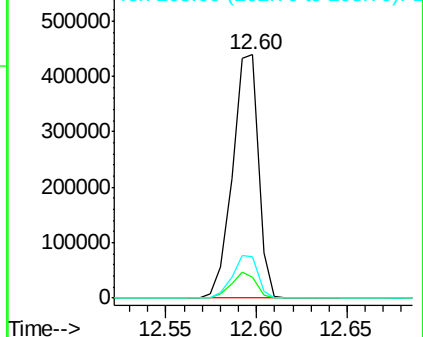
203 17.2 0.0 38.1

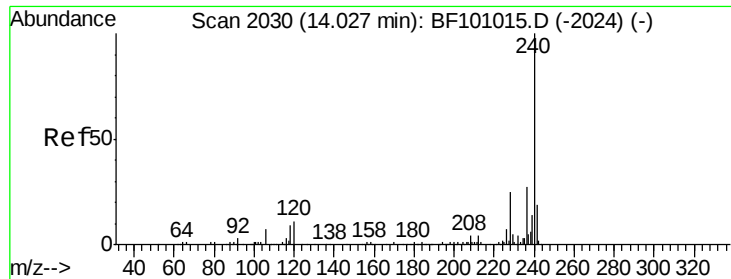


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.03 min Scan# 2030

Delta R.T. 0.01 min

Lab File: BF101116.D

Acq: 5 Dec 2017 11:33

Instrument :

BNA_F

ClientSampleId :

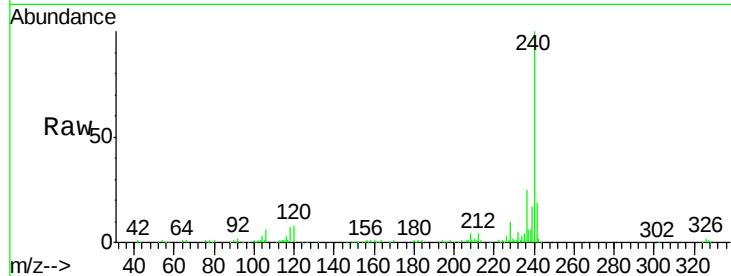
Tot Ion:240 Resp: 142341

Ion Ratio Lower Upper

240 100

120 8.4 9.5 14.3#

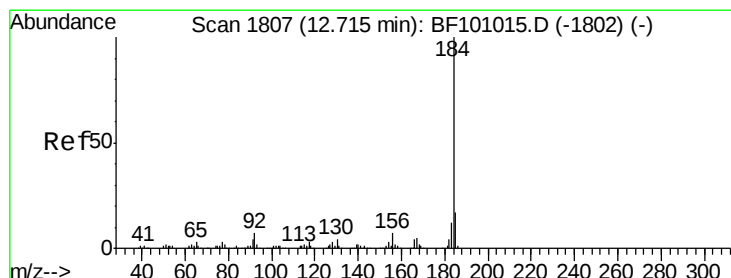
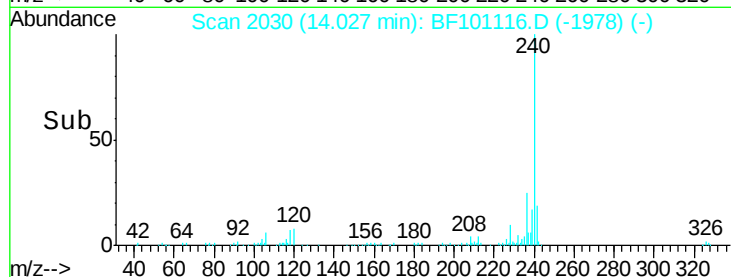
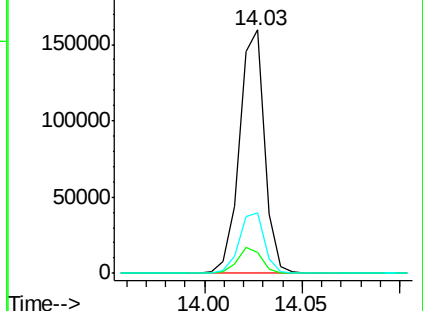
236 24.8 20.7 31.1



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



#76

Benzidine

Concen: 28.18 ng

RT: 12.72 min Scan# 1807

Delta R.T. 0.01 min

Lab File: BF101116.D

Acq: 5 Dec 2017 11:33

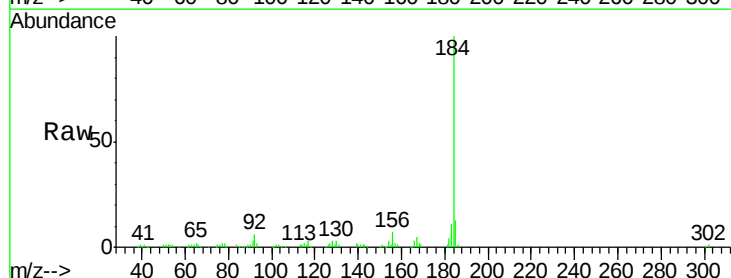
Tgt Ion:184 Resp: 130427

Ion Ratio Lower Upper

184 100

185 12.9 12.6 18.8

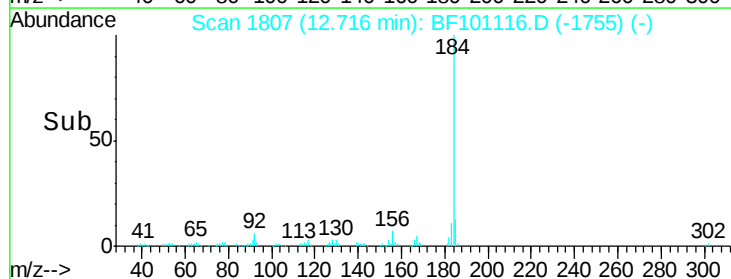
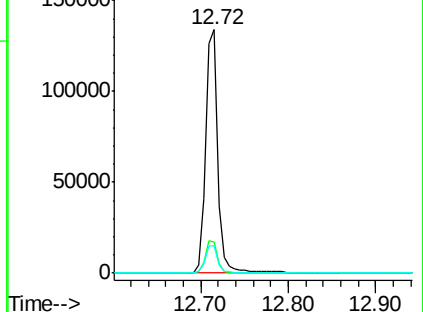
183 11.4 9.3 13.9

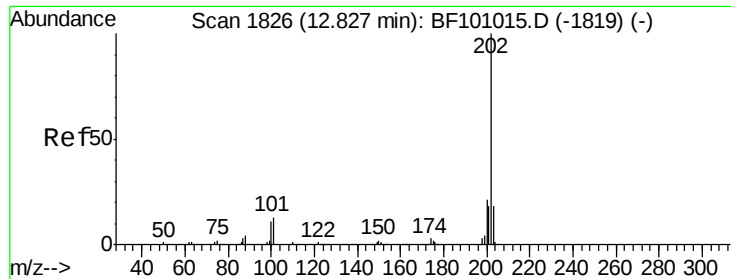


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

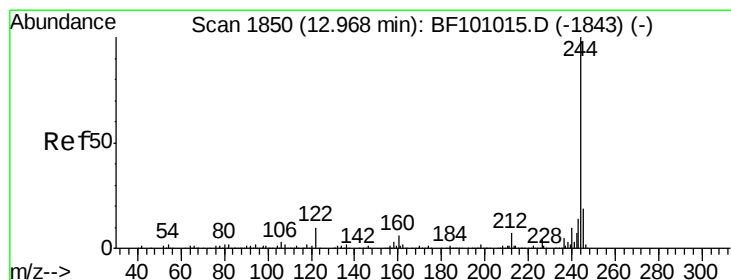
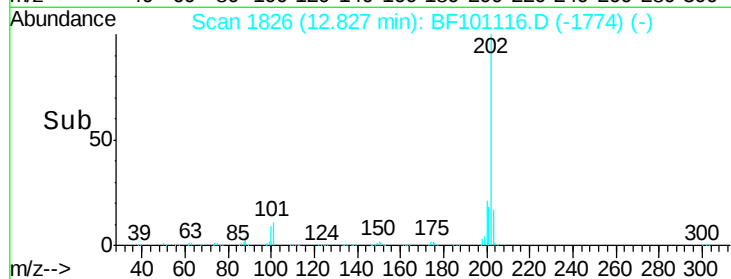
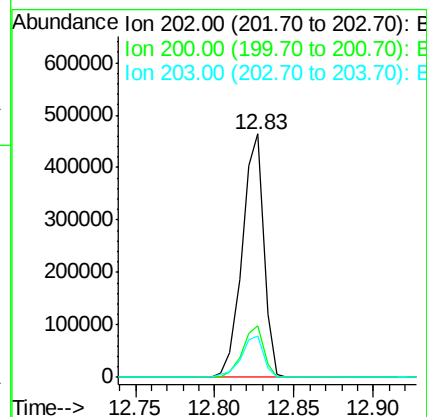
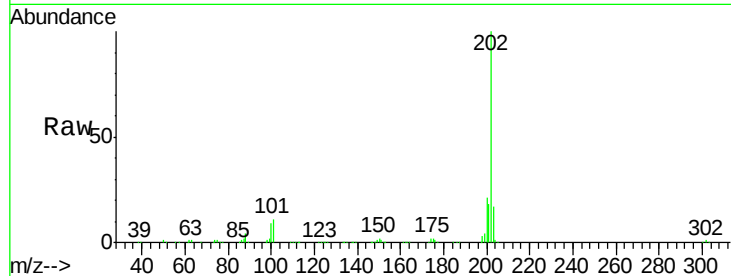




#77
Pvrene
Concen: 44.60 ng
RT: 12.83 min Scan# 1826
Delta R.T. 0.01 min
Lab File: BF101116.D
Acq: 5 Dec 2017 11:33

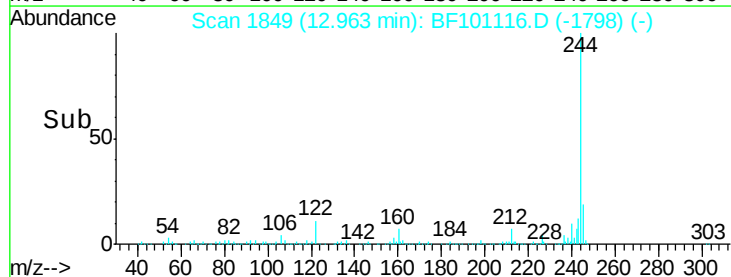
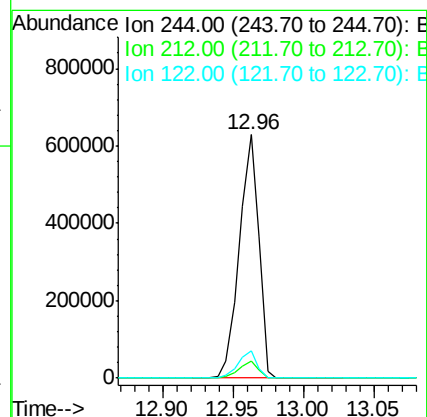
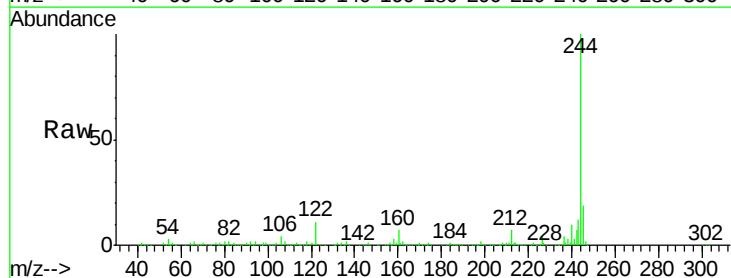
Instrument :
BNA_F
ClientSampleId :

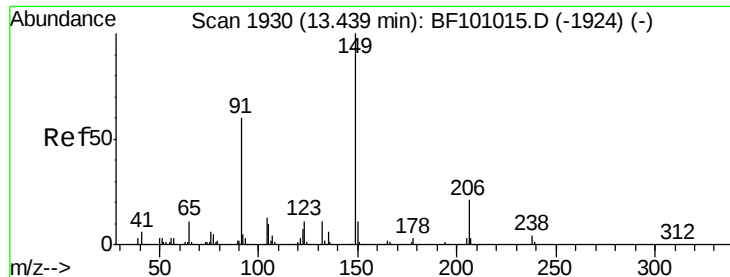
Tot Ion:202 Resp: 438043
Ion Ratio Lower Upper
202 100
200 21.4 17.4 26.2
203 17.0 14.3 21.5



#78
Terphenyl-d14
Concen: 92.72 ng
RT: 12.96 min Scan# 1849
Delta R.T. 0.00 min
Lab File: BF101116.D
Acq: 5 Dec 2017 11:33

Tgt Ion:244 Resp: 603381
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.0
122 11.2 11.0 16.4

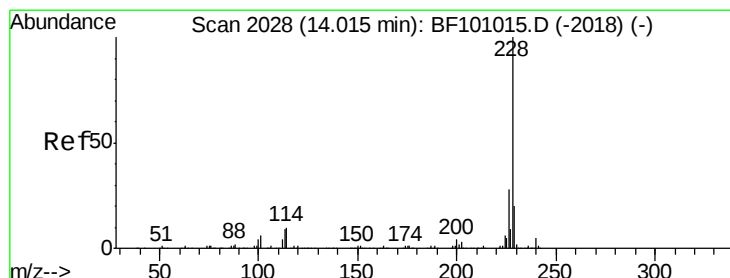
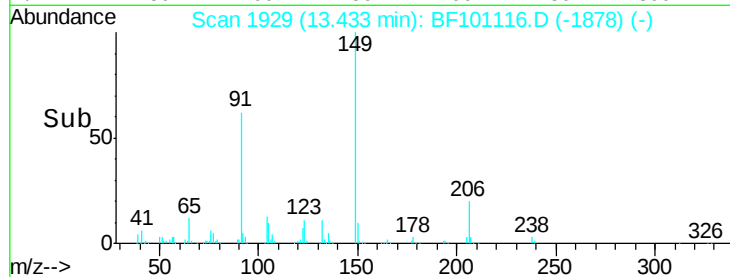
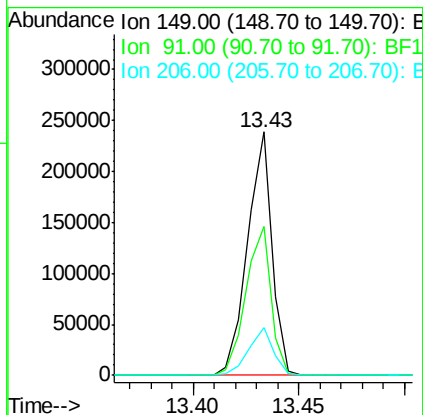
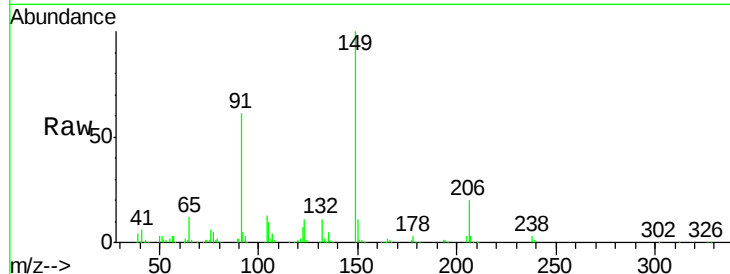




#79
Butylbenzylphthalate
Concen: 44.53 ng
RT: 13.43 min Scan# 1929
Delta R.T. 0.00 min
Lab File: BF101116.D
Acq: 5 Dec 2017 11:33

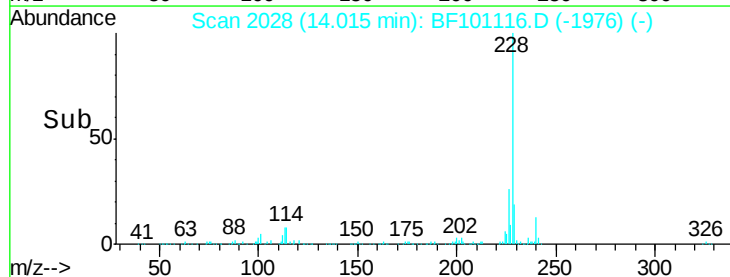
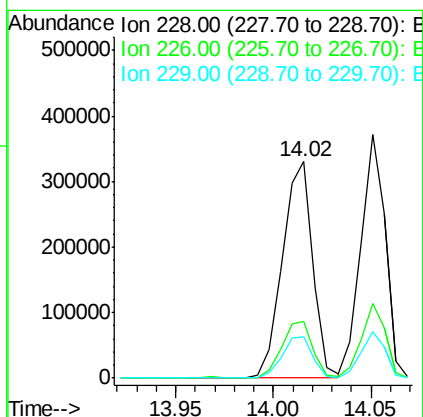
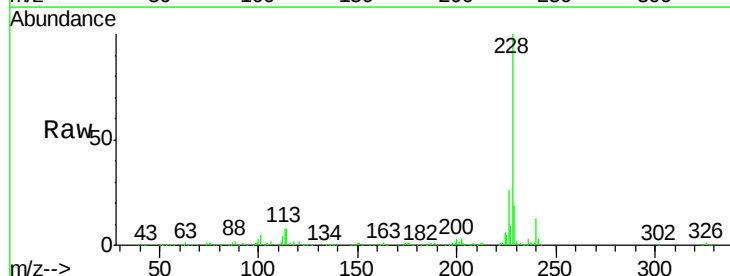
Instrument :
BNA_F
ClientSampleId :

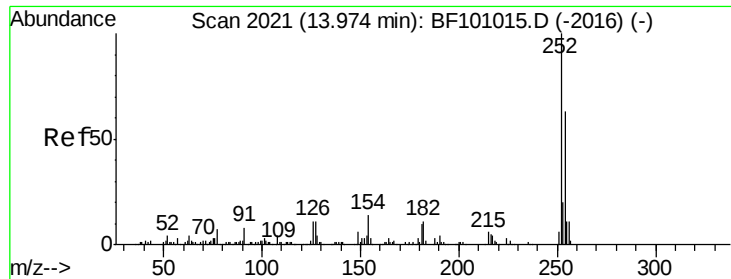
Tot Ion:149 Resp: 192822
Ion Ratio Lower Upper
149 100
91 61.4 56.8 85.2
206 19.8 14.1 21.1



#80
Benzo(a)anthracene
Concen: 39.22 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BF101116.D
Acq: 5 Dec 2017 11:33

Tgt Ion:228 Resp: 352448
Ion Ratio Lower Upper
228 100
226 26.1 22.6 33.8
229 19.1 15.8 23.6

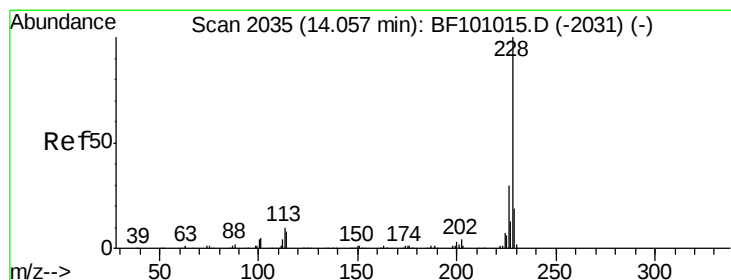
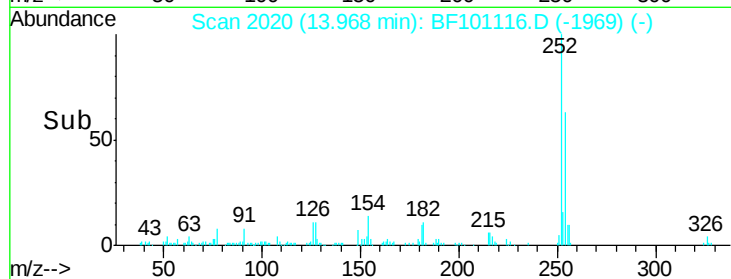
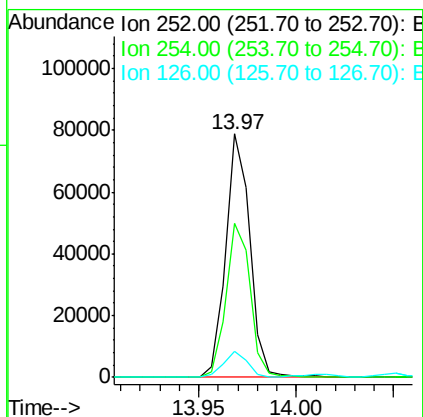
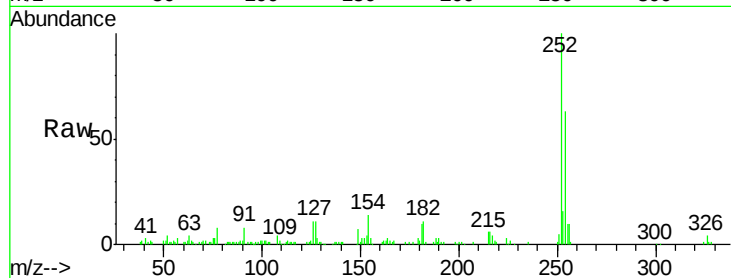




#81
 3,3'-Dichlorobenzidine
 Concen: 21.66 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. 0.00 min
 Lab File: BF101116.D
 Acq: 5 Dec 2017 11:33

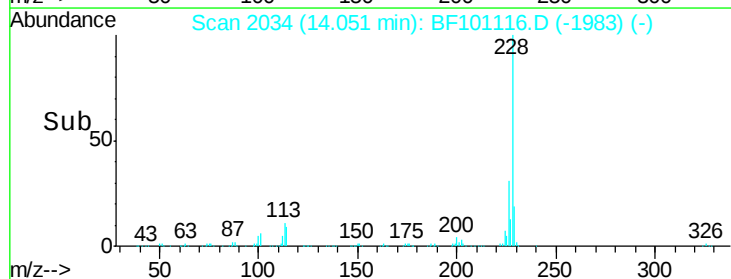
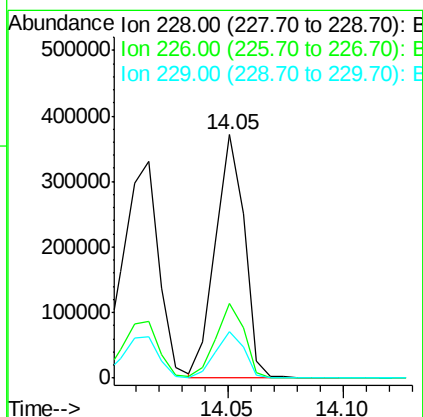
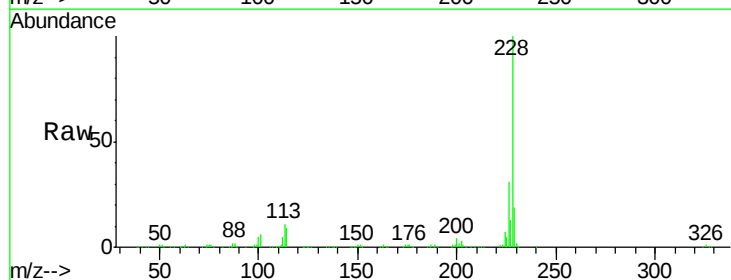
Instrument :
 BNA_F
 ClientSampleId :

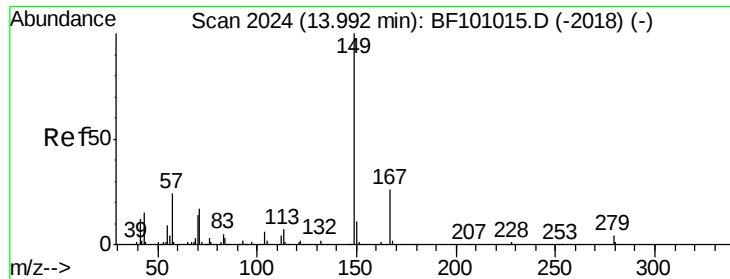
Tot Ion:252 Resp: 67408
 Ion Ratio Lower Upper
 252 100
 254 63.1 50.4 75.6
 126 10.5 11.3 16.9#



#82
 Chrysene
 Concen: 38.74 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: BF101116.D
 Acq: 5 Dec 2017 11:33

Tgt Ion:228 Resp: 323347
 Ion Ratio Lower Upper
 228 100
 226 30.5 25.0 37.6
 229 19.2 16.2 24.4

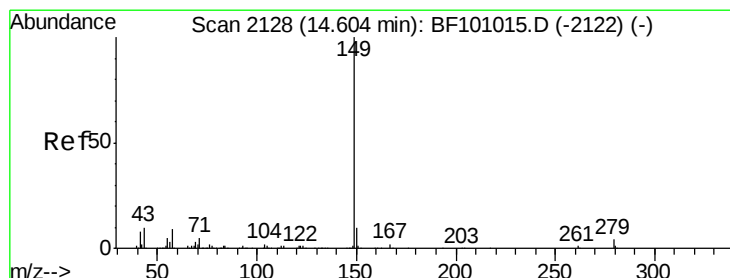
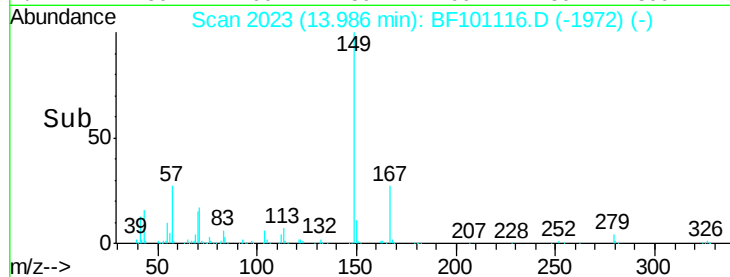
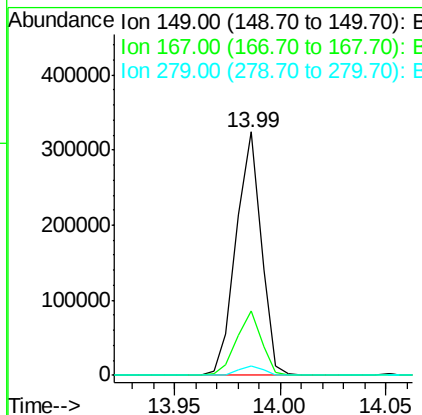
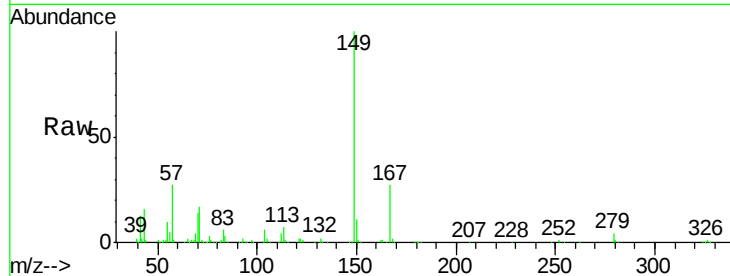




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.02 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. 0.00 min
 Lab File: BF101116.D
 Acq: 5 Dec 2017 11:33

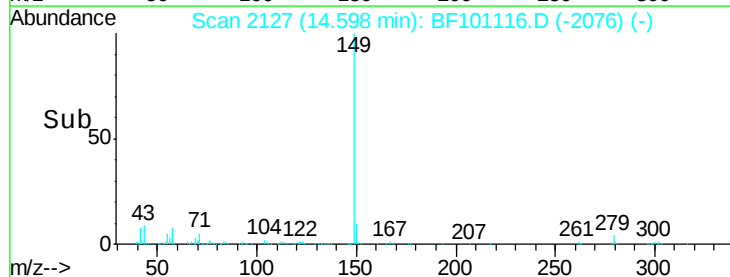
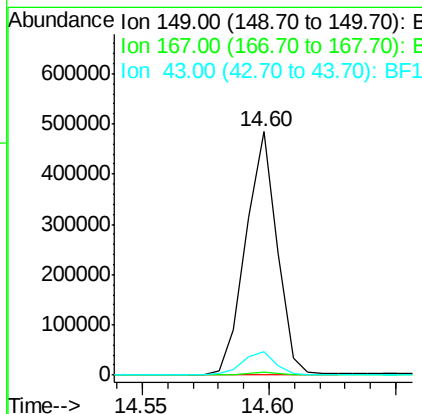
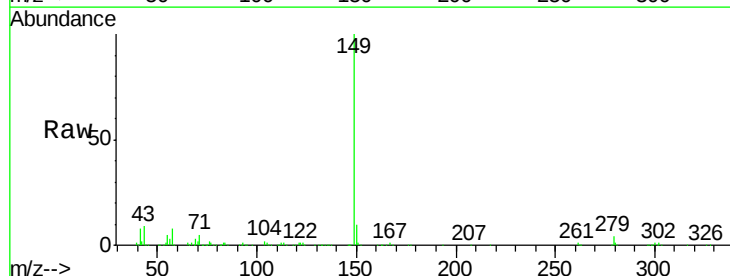
Instrument :
 BNA_F
 ClientSampleId :

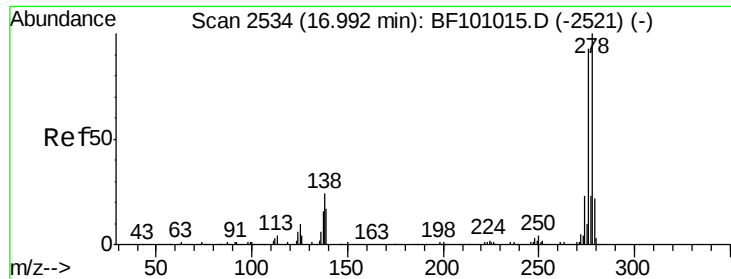
Tot Ion:149 Resp: 265611
 Ion Ratio Lower Upper
 149 100
 167 26.7 21.3 31.9
 279 3.8 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 40.44 ng
 RT: 14.60 min Scan# 2127
 Delta R.T. 0.00 min
 Lab File: BF101116.D
 Acq: 5 Dec 2017 11:33

Tgt Ion:149 Resp: 415707
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.5 8.4 12.6

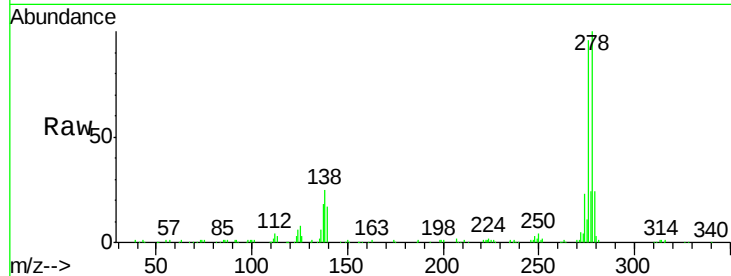




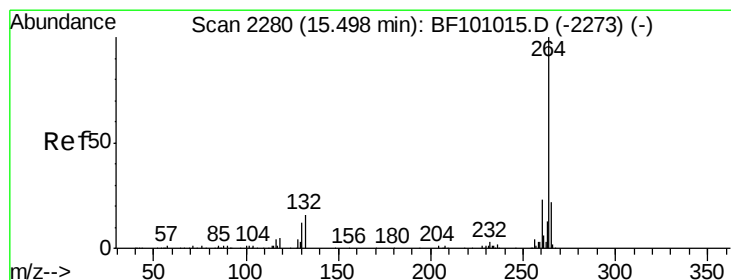
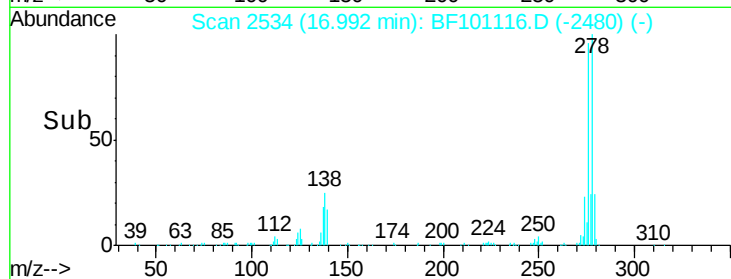
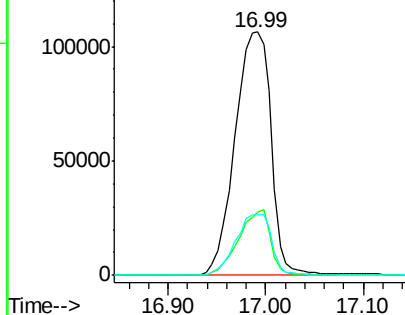
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.07 ng
 RT: 16.99 min Scan# 2534
 Delta R.T. 0.02 min
 Lab File: BF101116.D
 Acq: 5 Dec 2017 11:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.9	25.0	37.6#
277	24.9	20.1	30.1

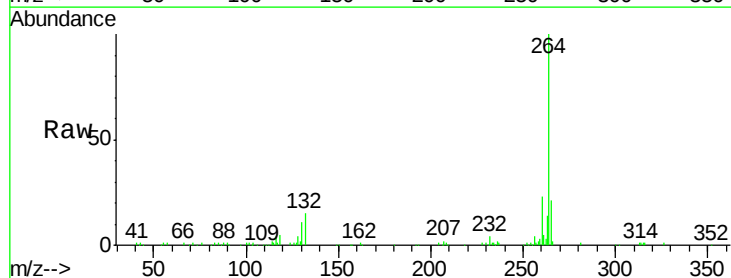


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

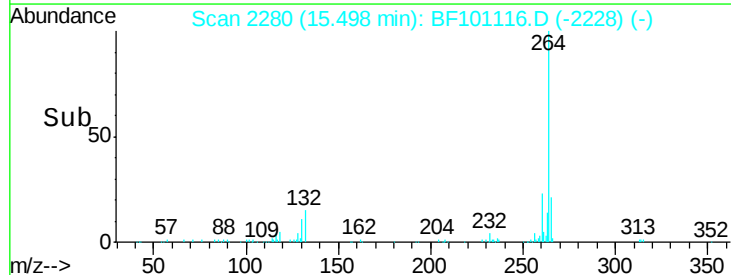
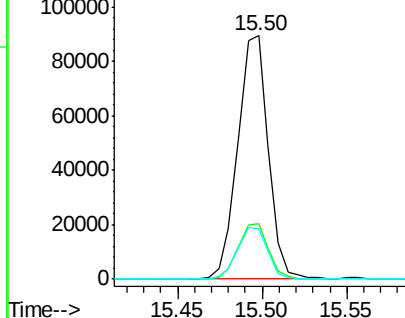


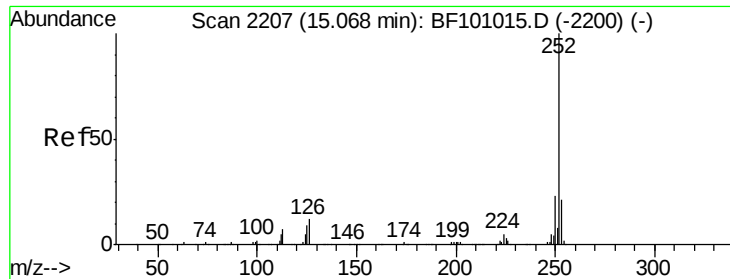
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. 0.01 min
 Lab File: BF101116.D
 Acq: 5 Dec 2017 11:33

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	20.6	17.5	26.3



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

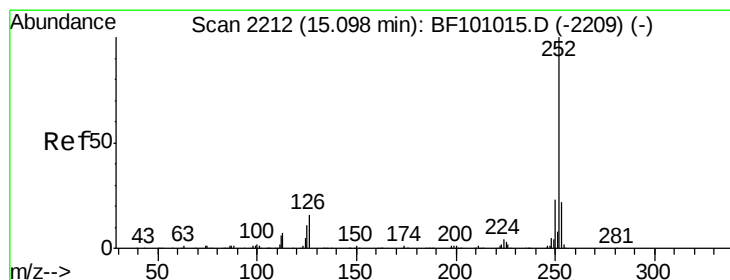
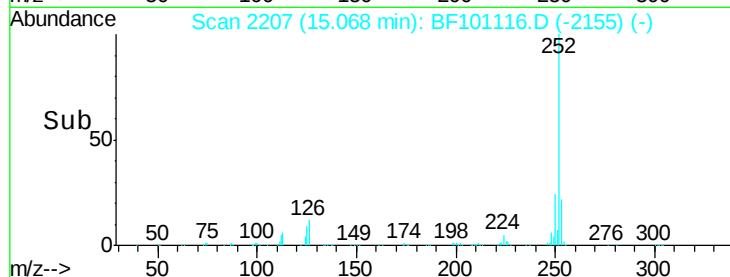
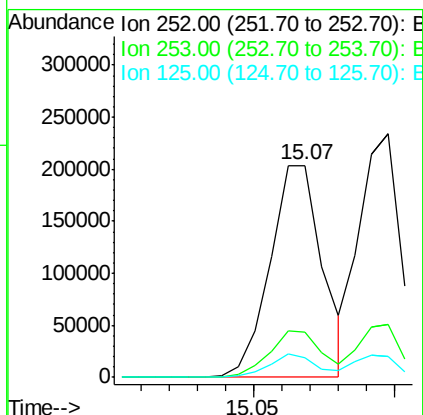
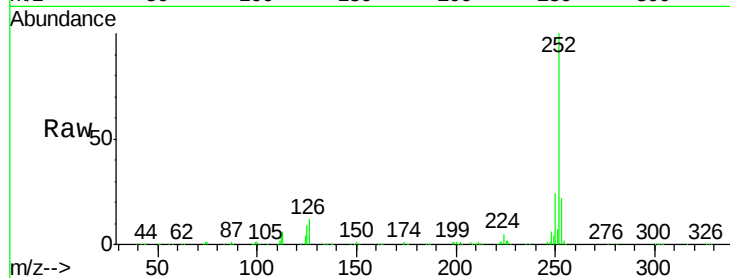




#87
Benzo(b)fluoranthene
Concen: 39.00 ng
RT: 15.07 min Scan# 2207
Delta R.T. 0.01 min
Lab File: BF101116.D
Acq: 5 Dec 2017 11:33

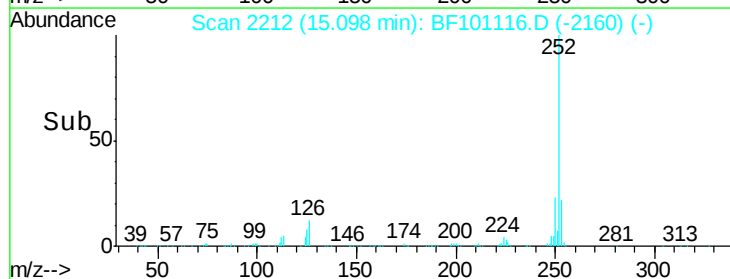
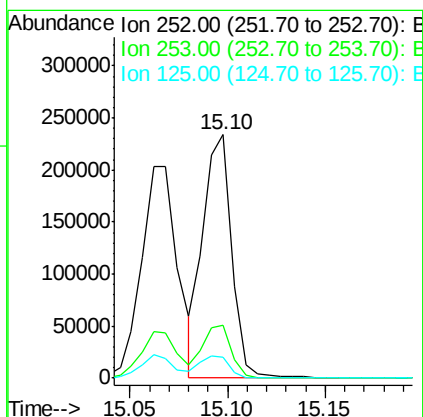
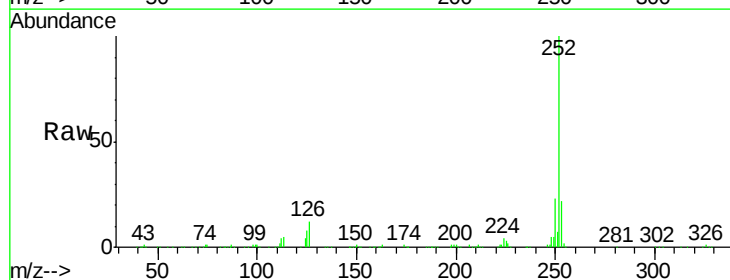
Instrument :
BNA_F
ClientSampleId :

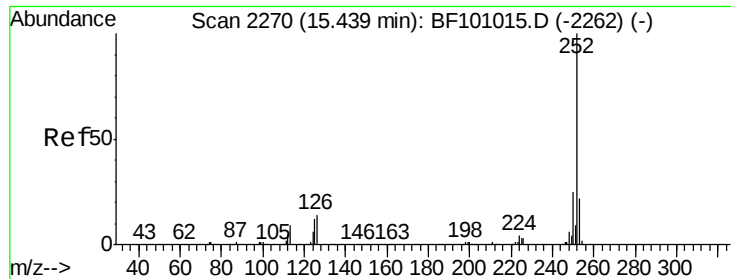
Tot Ion:252 Resp: 262930
Ion Ratio Lower Upper
252 100
253 21.6 17.0 25.6
125 9.1 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 35.74 ng
RT: 15.10 min Scan# 2212
Delta R.T. 0.01 min
Lab File: BF101116.D
Acq: 5 Dec 2017 11:33

Tgt Ion:252 Resp: 237416
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 8.4 10.2 15.2#

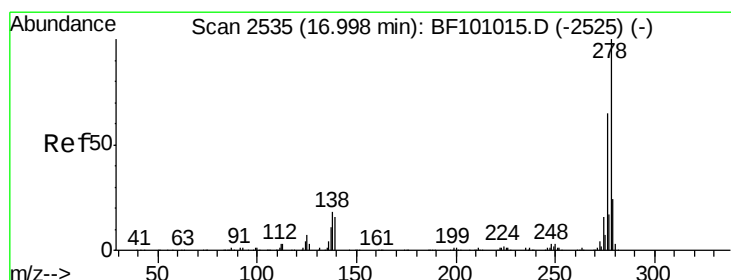
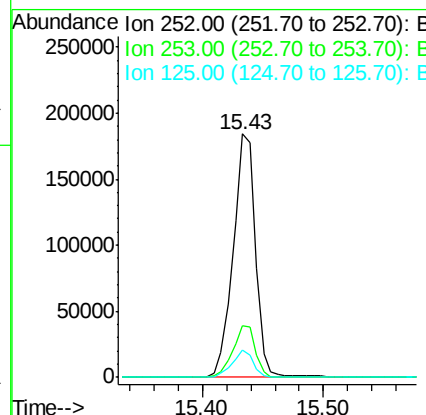
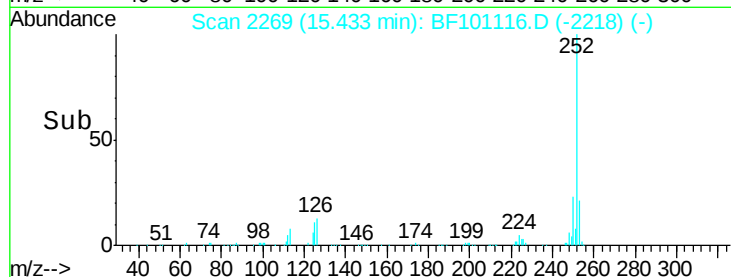
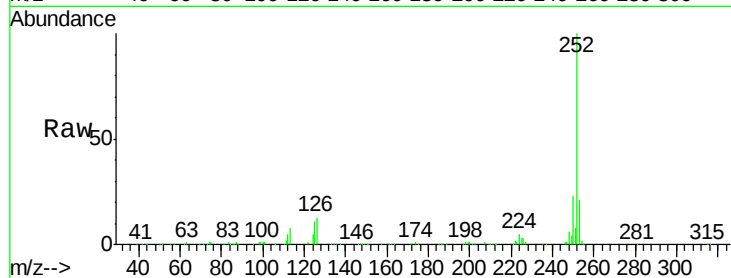




#89
Benzo(a)pyrene
Concen: 38.76 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.00 min
Lab File: BF101116.D
Acq: 5 Dec 2017 11:33

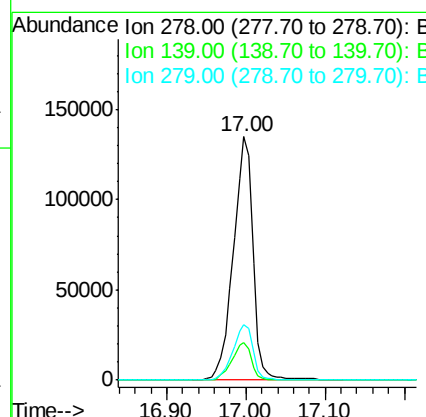
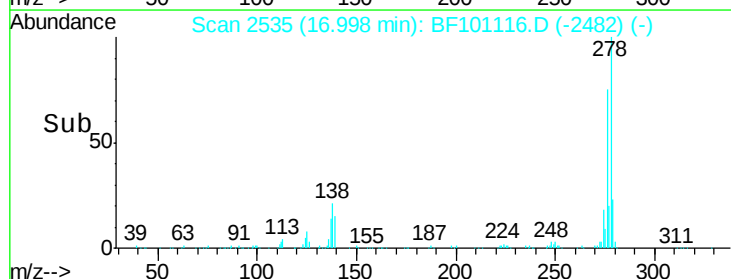
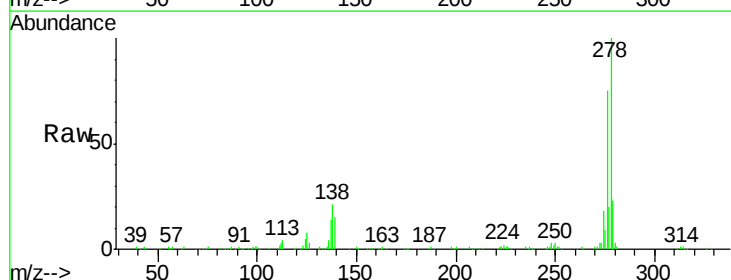
Instrument :
BNA_F
ClientSampleId :

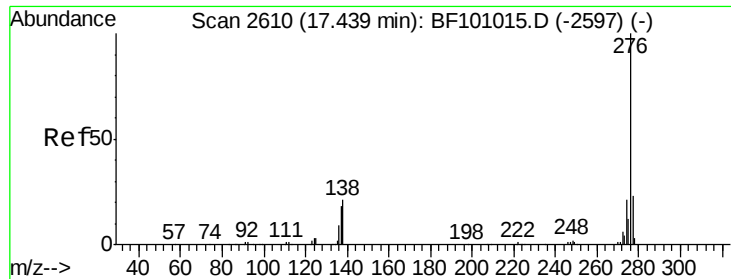
Tot Ion:252 Resp: 237618
Ion Ratio Lower Upper
252 100
253 21.3 17.1 25.7
125 11.2 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 42.77 ng
RT: 17.00 min Scan# 2535
Delta R.T. 0.01 min
Lab File: BF101116.D
Acq: 5 Dec 2017 11:33

Tgt Ion:278 Resp: 231154
Ion Ratio Lower Upper
278 100
139 15.4 15.9 23.9#
279 22.7 19.0 28.4





#91
 Benzo(a,h,i)perylene
 Concen: 44.80 ng
 RT: 17.44 min Scan# 2610
 Delta R.T. 0.01 min
 Lab File: BF101116.D
 Acq: 5 Dec 2017 11:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.5	17.9	26.9
138	20.3	21.8	32.8

