

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113017\
 Data File : BF101029.D
 Acq On : 30 Nov 2017 20:38
 Operator : SJ/JU
 Sample : I6610-19MSD 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 01 00:36:28 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 30 16:01:41 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	54269	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	210329	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	88752	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	136713	20.00	ng	0.00
75) Chrysene-d12	14.04	240	104665	20.00	ng	0.02
86) Perylene-d12	15.52	264	101060	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	166644	50.74	ng	0.00
7) Phenol-d6	6.49	99	201642	50.57	ng	0.00
23) Nitrobenzene-d5	7.42	82	122408	34.72	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	44037	41.30	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	263321	40.59	ng	0.00
78) Terphenyl-d14	12.96	244	181666	37.96	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	17855	13.148	ng	# 94
3) Pyridine	3.42	79	45192	12.837	ng	90
4) n-Nitrosodimethylamine	3.34	42	28088	16.335	ng	90
6) Aniline	6.52	93	36098	6.962	ng	# 90
8) 2-Chlorophenol	6.64	128	60674	16.944	ng	96
9) Benzaldehyde	6.40	77	29467	12.075	ng	97
10) Phenol	6.50	94	80002	18.044	ng	98
11) bis(2-Chloroethyl)ether	6.59	93	56514	16.994	ng	99
12) 1,3-Dichlorobenzene	6.79	146	68205	16.358	ng	96
13) 1,4-Dichlorobenzene	6.87	146	68997	15.983	ng	96
14) 1,2-Dichlorobenzene	7.02	146	67755	16.827	ng	95
15) Benzyl Alcohol	6.99	79	51913	16.857	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.13	45	87412	19.337	ng	99
17) 2-Methylphenol	7.10	107	49771	17.213	ng	97
18) Hexachloroethane	7.36	117	20260	14.608	ng	94
19) n-Nitroso-di-n-propylamine	7.26	70	41206	15.345	ng	90
20) 3+4-Methylphenols	7.26	107	65320	17.322	ng	# 63
22) Acetophenone	7.26	105	81868	16.111	ng	# 92
24) Nitrobenzene	7.43	77	60744	17.578	ng	100
25) Isophorone	7.67	82	106904	17.751	ng	99
26) 2-Nitrophenol	7.75	139	31697	16.709	ng	93
27) 2,4-Dimethylphenol	7.79	122	52357	19.080	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	68029	16.806	ng	98
29) 2,4-Dichlorophenol	8.00	162	52316	17.515	ng	95
30) 1,2,4-Trichlorobenzene	8.07	180	56484	17.197	ng	98
31) Naphthalene	8.16	128	217801	21.011	ng	99
33) 4-Chloroaniline	8.21	127	30307	7.276	ng	98
34) Hexachlorobutadiene	8.27	225	32304	16.036	ng	98
35) Caprolactam	8.56	113	13882	14.913	ng	97
36) 4-Chloro-3-methylphenol	8.69	107	49407	15.968	ng	95
37) 2-Methylnaphthalene	8.85	142	137717	19.552	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	54273	16.833	ng	# 96
40) Hexachlorocyclopentadiene	8.99	237	391	6.164	ng	# 68
42) 2,4,6-Trichlorophenol	9.13	196	35127	18.585	ng	98

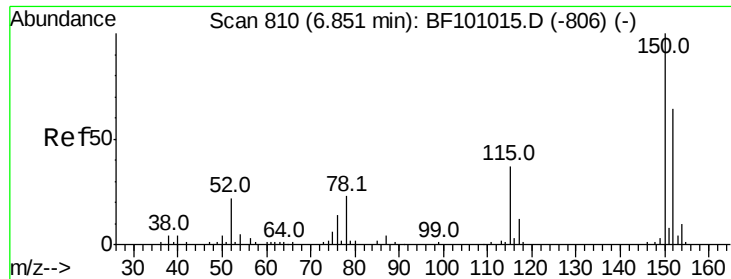
Data Path : Z:\HPCHEM1\BNA F\DATA\BF113017\
 Data File : BF101029.D
 Acq On : 30 Nov 2017 20:38
 Operator : SJ/JU
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 BNA_F
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Quant Time: Dec 01 00:36:28 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 30 16:01:41 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.17	196	35357	17.498	ng	93
45) 1,1'-Biphenyl	9.31	154	145710	17.919	ng	96
46) 2-Chloronaphthalene	9.34	162	106638	18.466	ng	93
47) 2-Nitroaniline	9.43	65	28753	16.829	ng	94
48) Acenaphthylene	9.75	152	264226	27.842	ng	100
49) Dimethylphthalate	9.60	163	144781	20.227	ng	100
50) 2,6-Dinitrotoluene	9.67	165	24513	16.260	ng	91
51) Acenaphthene	9.93	154	163940	28.849	ng	97
52) 3-Nitroaniline	9.85	138	18216	10.745	ng	97
53) 2,4-Dinitrophenol	9.96	184	1683	6.867	ng	# 29
54) Dibenzofuran	10.10	168	187053	22.841	ng	97
55) 4-Nitrophenol	10.01	139	31118	27.216	ng	98
56) 2,4-Dinitrotoluene	10.08	165	30333	15.013	ng	# 95
57) Fluorene	10.44	166	197897	29.727	ng	95
58) 2,3,4,6-Tetrachlorophenol	10.22	232	25932	16.029	ng	# 87
59) Diethylphthalate	10.30	149	116181	16.457	ng	99
60) 4-Chlorophenyl-phenylether	10.43	204	52691	16.030	ng	97
61) 4-Nitroaniline	10.46	138	21067	11.971	ng	87
62) Azobenzene	10.59	77	93909	15.674	ng	# 75
64) 4,6-Dinitro-2-methylphenol	10.50	198	2407	2.625	ng	90
65) n-Nitrosodiphenylamine	10.55	169	102639	21.281	ng	97
66) 4-Bromophenyl-phenylether	10.92	248	30442	19.893	ng	# 84
67) Hexachlorobenzene	10.99	284	27776	16.936	ng	# 88
68) Atrazine	11.07	200	26237	17.734	ng	95
69) Pentachlorophenol	11.19	266	24231	26.870	ng	97
70) Phenanthrene	11.42	178	1275976	169.481	ng	99
71) Anthracene	11.46	178	487542	63.984	ng	98
72) Carbazole	11.62	167	175516	25.211	ng	98
73) Di-n-butylphthalate	11.93	149	152212	17.443	ng	98
74) Fluoranthene	12.62	202	2065086	247.450	ng	96
77) Pyrene	12.85	202	1920379	265.899	ng	99
79) Butylbenzylphthalate	13.44	149	71391	22.420	ng	# 90
80) Benzo(a)anthracene	14.03	228	1298130	196.437	ng	98
81) 3,3'-Dichlorobenzidine	13.99	252	24813	10.842	ng	# 98
82) Chrysene	14.07	228	1064228	173.403	ng	97
83) Bis(2-ethylhexyl)phthalate	14.00	149	85960	18.933	ng	99
84) Di-n-octyl phthalate	14.61	149	149396	19.763	ng	# 97
85) Indeno(1,2,3-cd)pyrene	17.02	276	483383	88.591	ng	# 89
87) Benzo(b)fluoranthene	15.10	252	1756485	290.174	ng	97
88) Benzo(k)fluoranthene	15.10	252	1756485	294.525	ng	97
89) Benzo(a)pyrene	15.47	252	893680	162.394	ng	96
90) Dibenzo(a,h)anthracene	17.03	278	162924	33.582	ng	94
91) Benzo(g,h,i)perylene	17.48	276	428215	93.657	ng	# 93

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

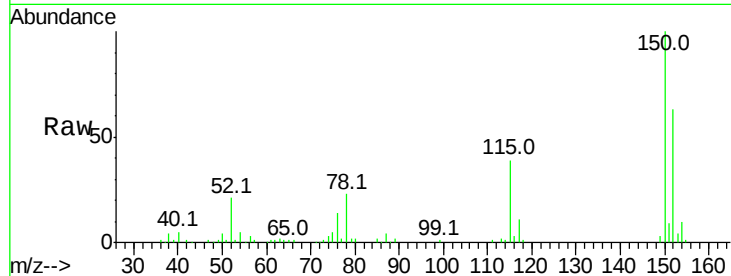


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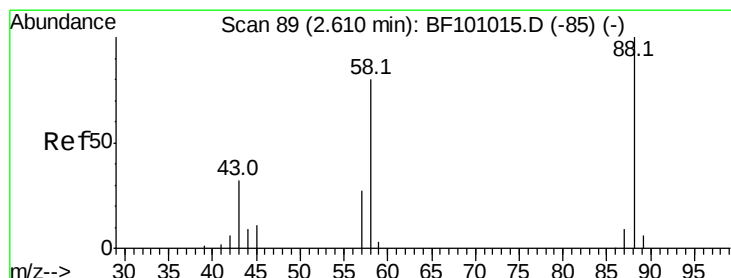
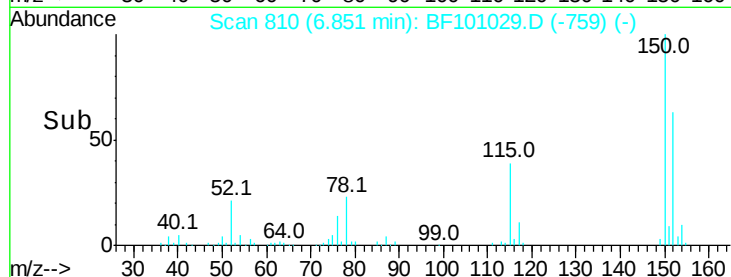
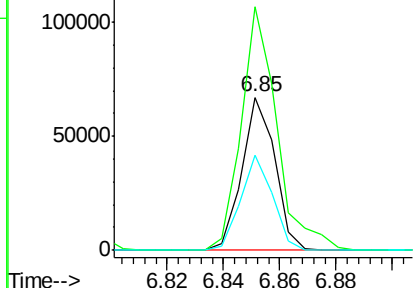
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Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF101029.D
Acq: 30 Nov 2017 20:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 54269
Ion Ratio Lower Upper
152 100
150 158.9 124.6 186.8
115 61.8 50.1 75.1



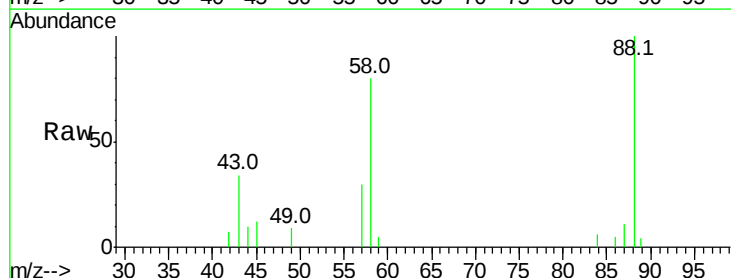
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



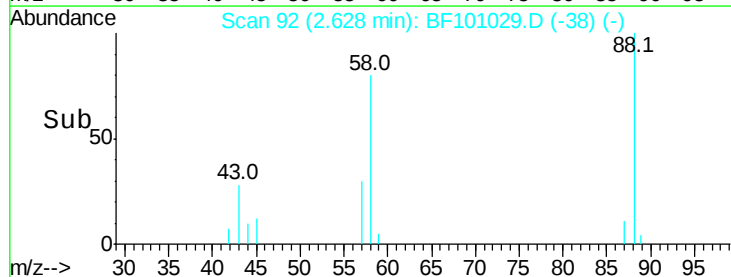
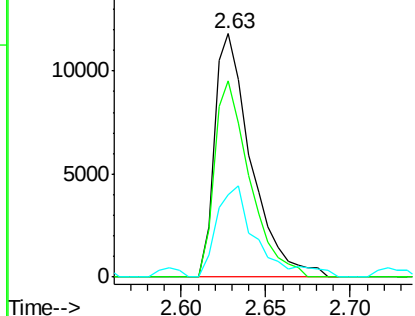
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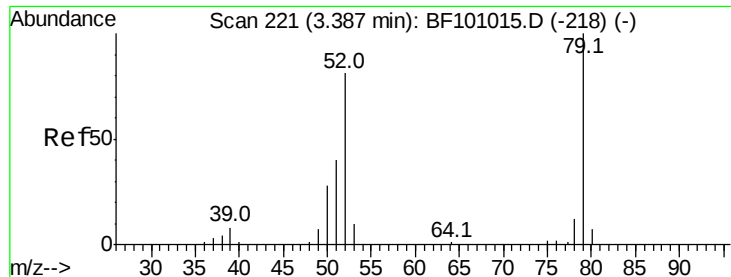
1,4-Dioxane
Concen: 13.148 ng
RT: 2.63 min Scan# 92
Delta R.T. 0.02 min
Lab File: BF101029.D
Acq: 30 Nov 2017 20:38

Tgt Ion: 88 Resp: 17855
Ion Ratio Lower Upper
88 100
58 77.7 62.6 93.8
43 40.7 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: 12.837 ng

RT: 3.42 min Scan# 227

Delta R.T. 0.04 min

Lab File: BF101029.D

Acq: 30 Nov 2017 20:38

Instrument :

BNA_F

ClientSampleId :

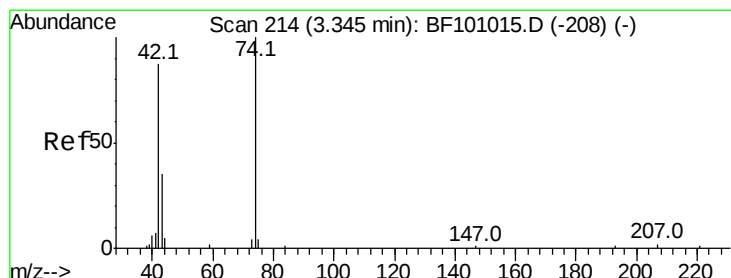
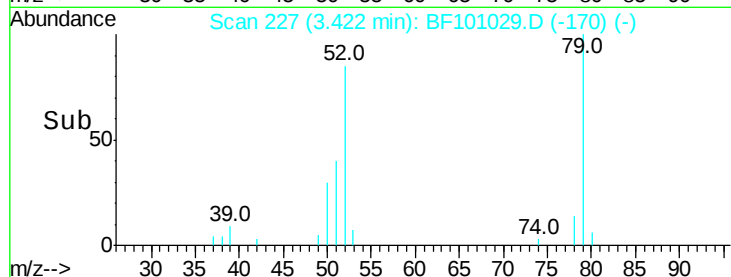
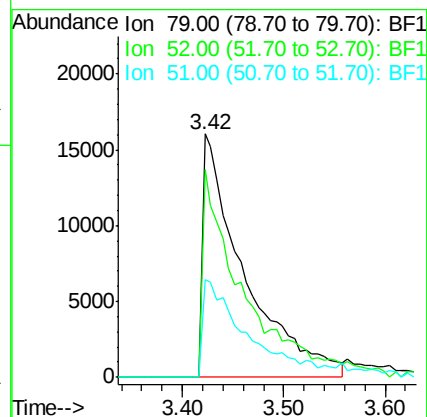
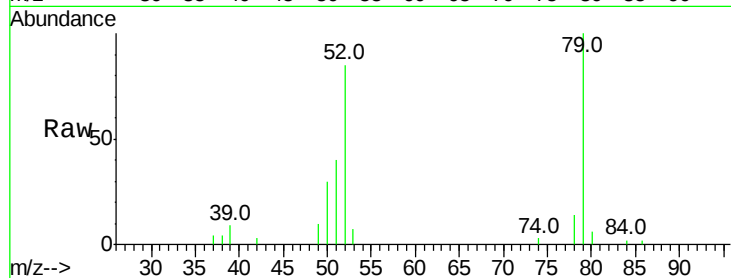
Tot Ion: 79 Resp: 45192

Ion Ratio Lower Upper

79 100

52 85.3 59.8 89.6

51 40.2 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 16.335 ng

RT: 3.34 min Scan# 213

Delta R.T. -0.01 min

Lab File: BF101029.D

Acq: 30 Nov 2017 20:38

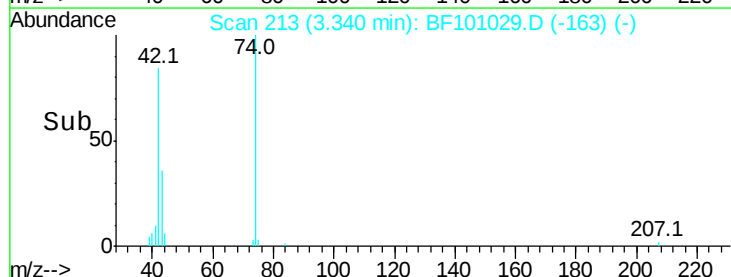
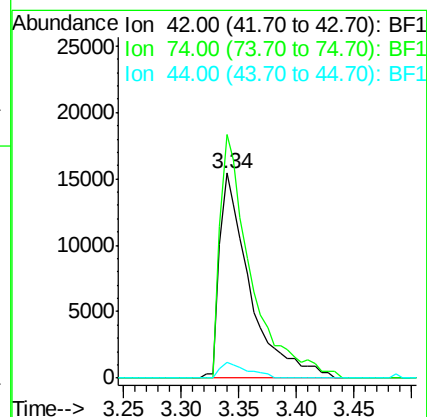
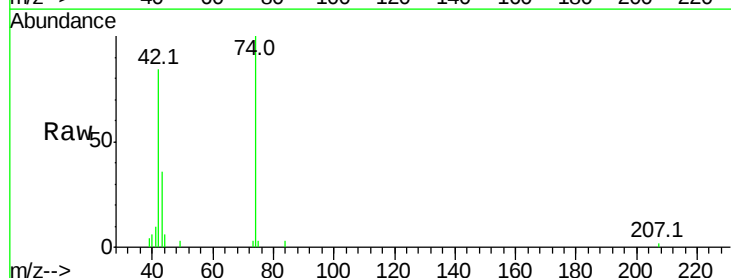
Tgt Ion: 42 Resp: 28088

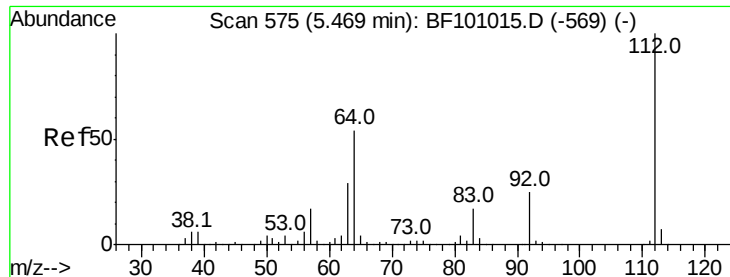
Ion Ratio Lower Upper

42 100

74 118.7 104.9 157.3

44 7.7 6.9 10.3

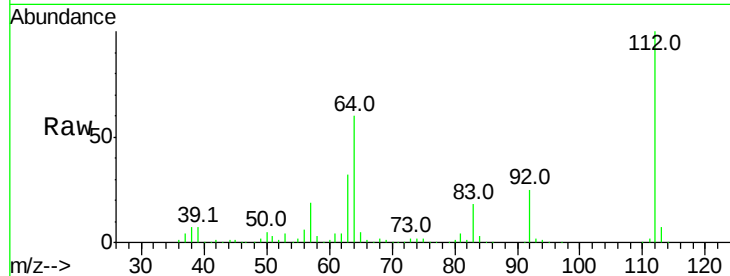




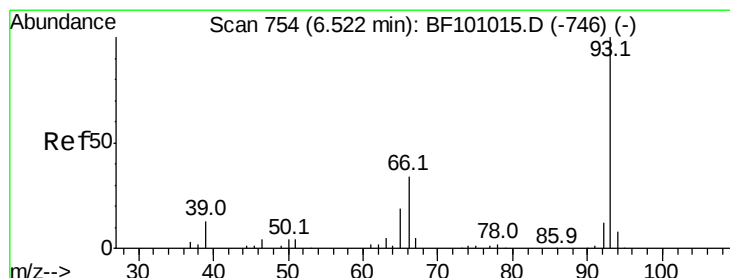
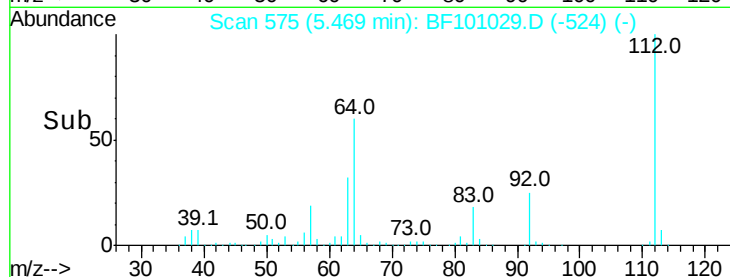
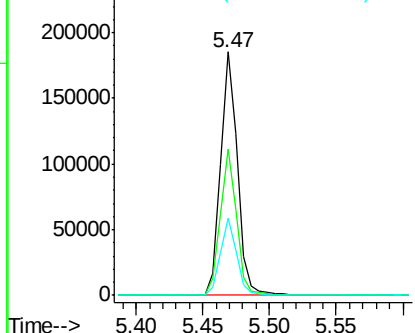
#5
 2-Fluorophenol
 Concen: 50.742 ng
 RT: 5.47 min Scan# 575
 Delta R.T. 0.00 min
 Lab File: BF101029.D
 Acq: 30 Nov 2017 20:38

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:112 Resp: 166644
 Ion Ratio Lower Upper
 112 100
 64 59.9 47.9 71.9
 63 31.9 23.7 35.5

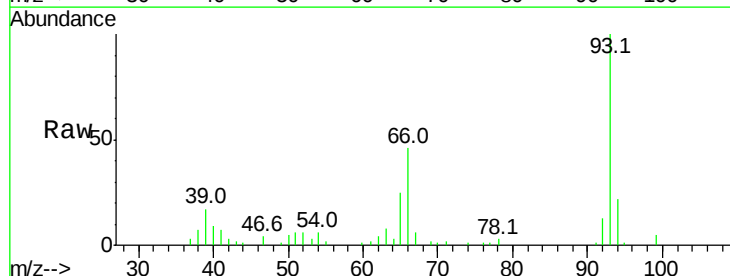


Abundance Ion 112.00 (111.70 to 112.70): BF1
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1

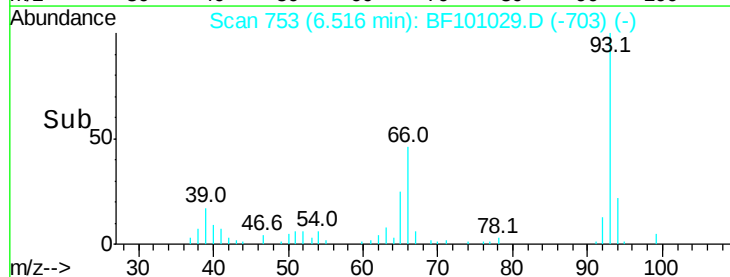
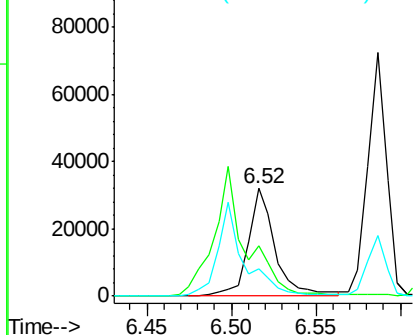


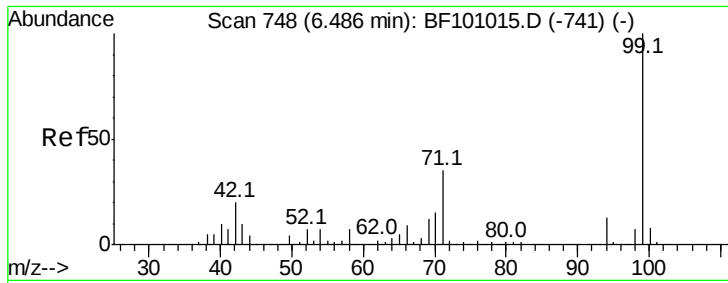
#6
 Aniline
 Concen: 6.962 ng
 RT: 6.52 min Scan# 753
 Delta R.T. -0.01 min
 Lab File: BF101029.D
 Acq: 30 Nov 2017 20:38

Tgt Ion: 93 Resp: 36098
 Ion Ratio Lower Upper
 93 100
 66 46.4 32.2 48.2
 65 25.0 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: 50.571 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF101029.D

Acq: 30 Nov 2017 20:38

Instrument :

BNA_F

ClientSampleId :

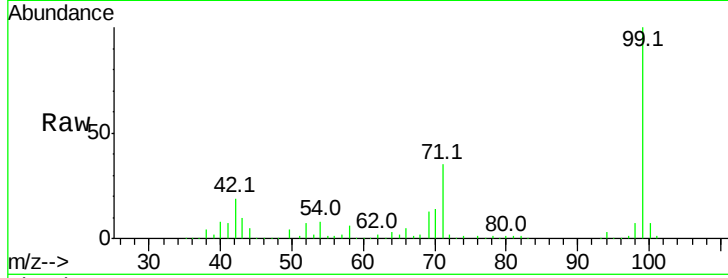
Tot Ion: 99 Resp: 201642

Ion Ratio Lower Upper

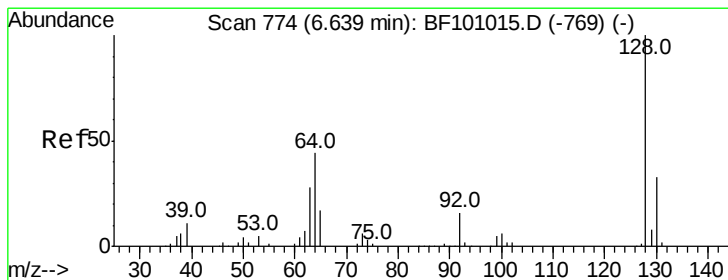
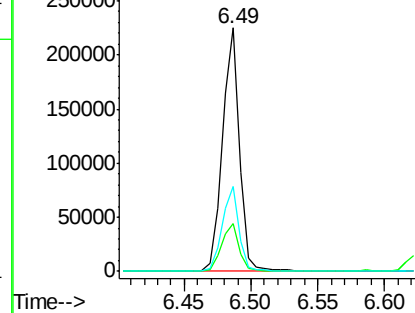
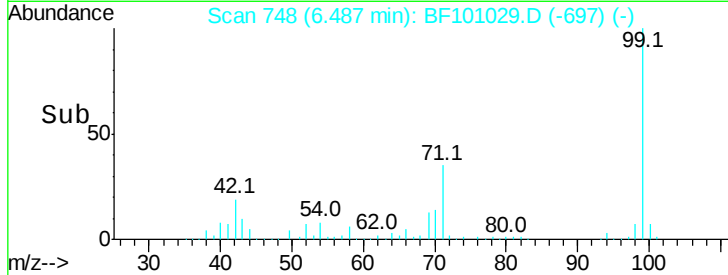
99 100

42 19.4 14.5 21.7

71 34.8 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: 16.944 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF101029.D

Acq: 30 Nov 2017 20:38

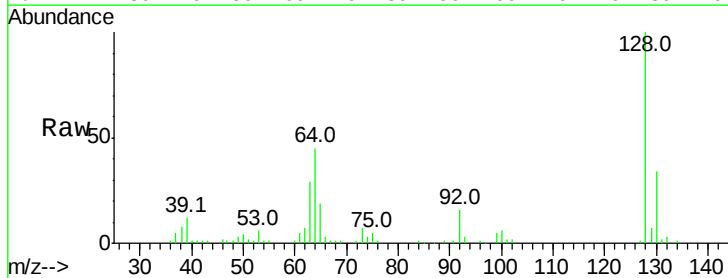
Tgt Ion: 128 Resp: 60674

Ion Ratio Lower Upper

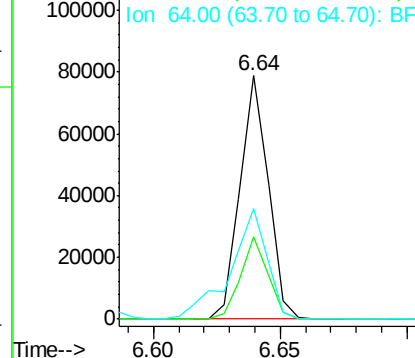
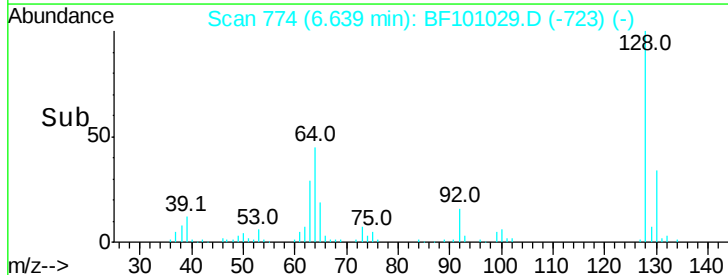
128 100

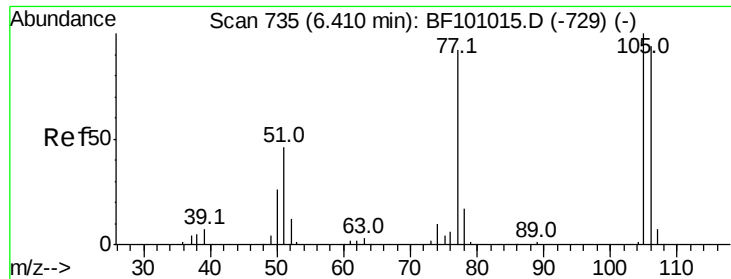
130 33.6 13.0 53.0

64 45.4 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

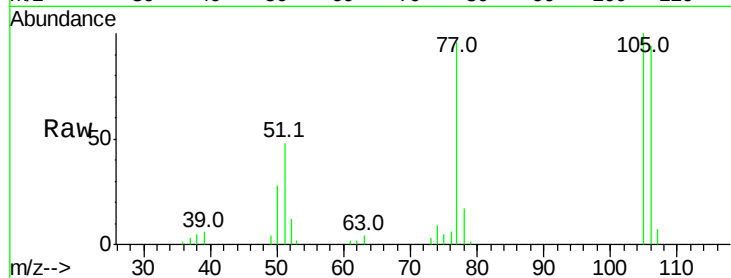




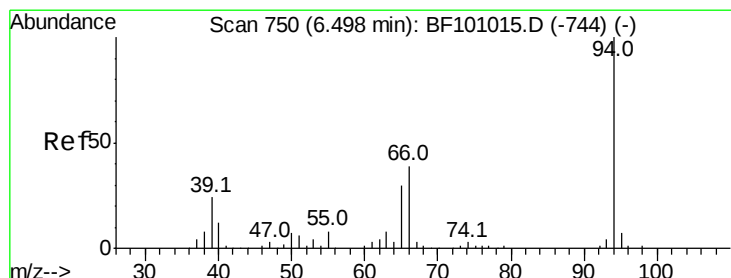
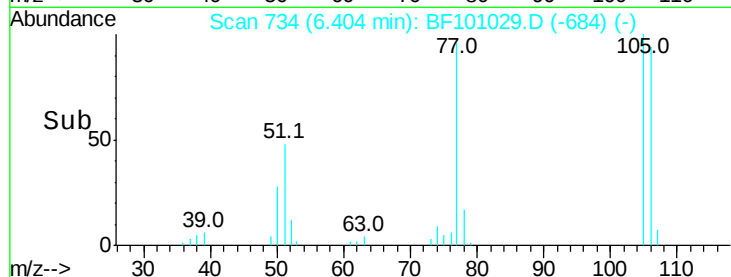
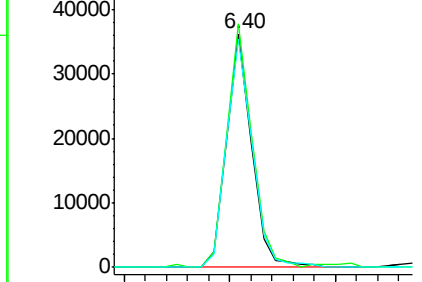
#9
Benzaldehyde
Concen: 12.075 ng
RT: 6.40 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF101029.D
Acq: 30 Nov 2017 20:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 29467
Ion Ratio Lower Upper
77 100
105 104.3 81.1 121.1
106 97.6 74.5 114.5

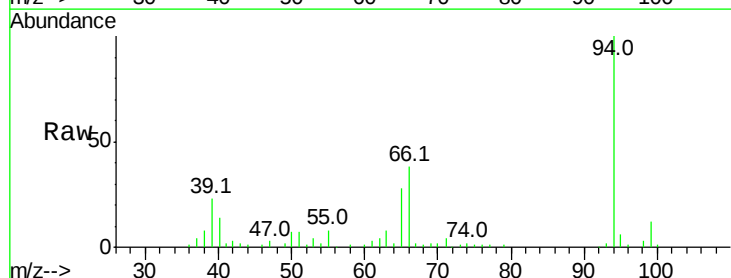


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

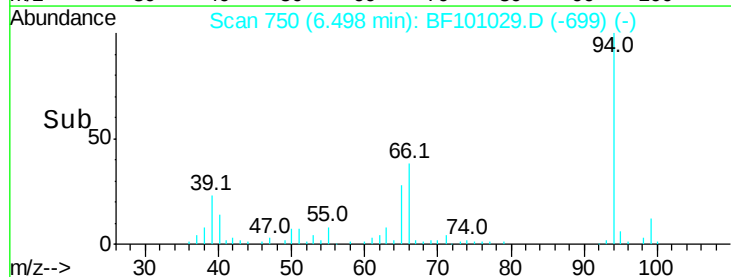
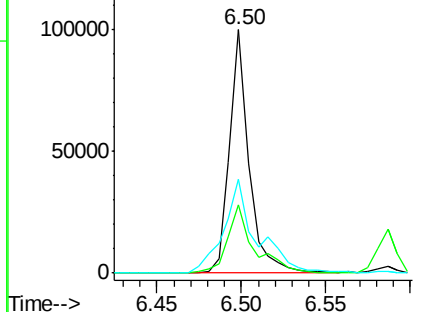


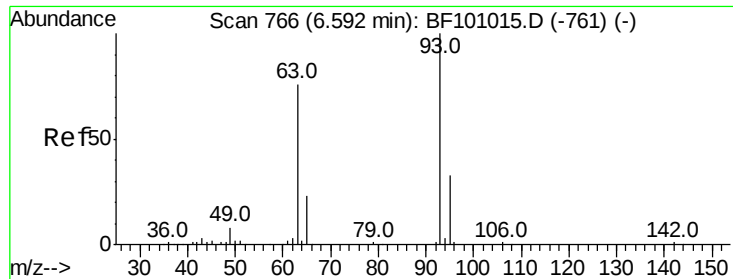
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Phenol
Concen: 18.044 ng
RT: 6.50 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF101029.D
Acq: 30 Nov 2017 20:38

Tgt Ion: 94 Resp: 80002
Ion Ratio Lower Upper
94 100
65 27.9 7.9 47.9
66 38.4 16.2 56.2



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





#11

bis(2-Chloroethyl)ether

Concen: 16.994 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF101029.D

Acq: 30 Nov 2017 20:38

Instrument :

BNA_F

ClientSampled :

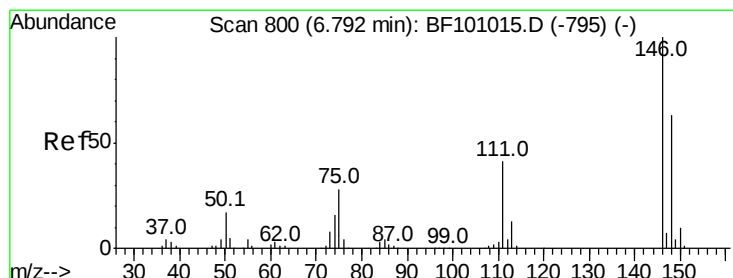
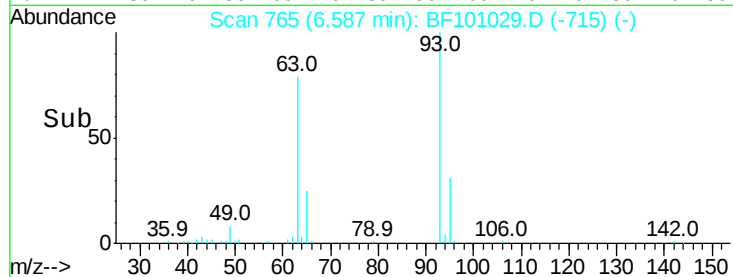
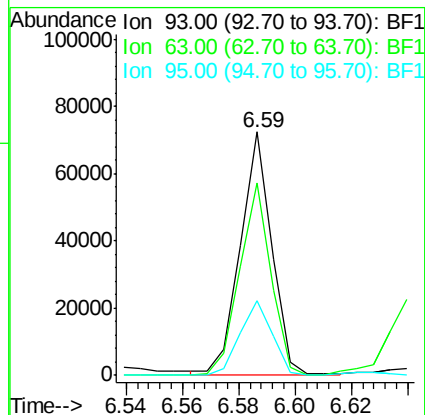
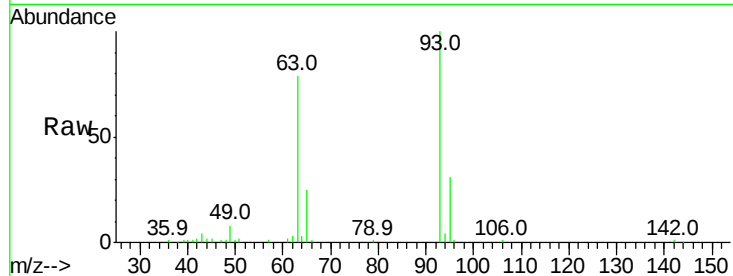
Tot Ion: 93 Resp: 56514

Ion Ratio Lower Upper

93 100

63 78.8 58.6 98.6

95 30.8 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 16.358 ng

RT: 6.79 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF101029.D

Acq: 30 Nov 2017 20:38

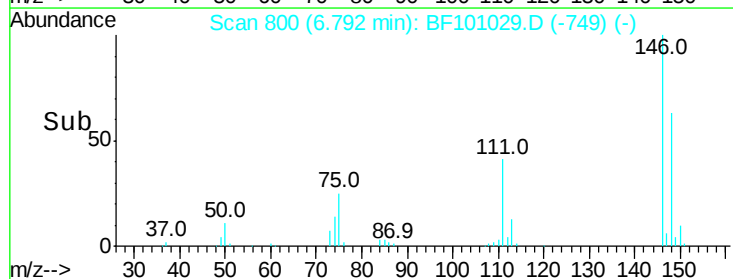
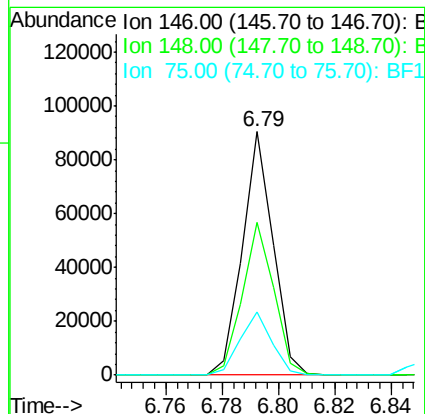
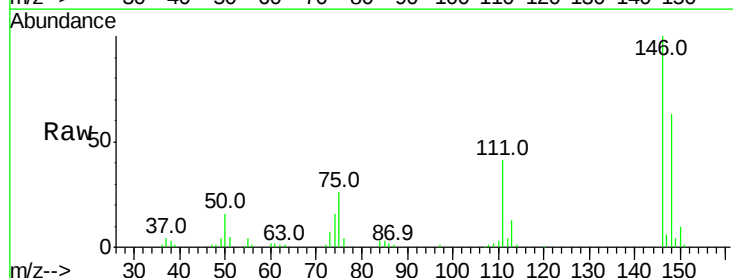
Tgt Ion: 146 Resp: 68205

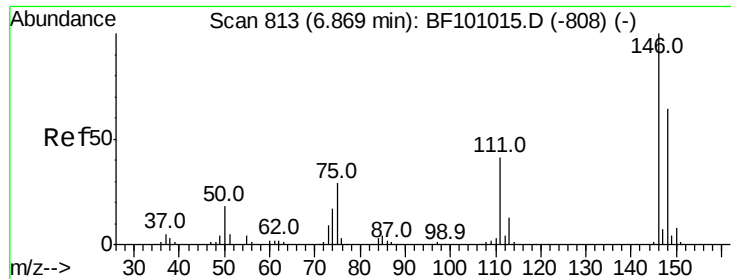
Ion Ratio Lower Upper

146 100

148 63.0 51.8 77.8

75 25.9 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 15.983 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF101029.D

Acq: 30 Nov 2017 20:38

Instrument :

BNA_F

ClientSampled :

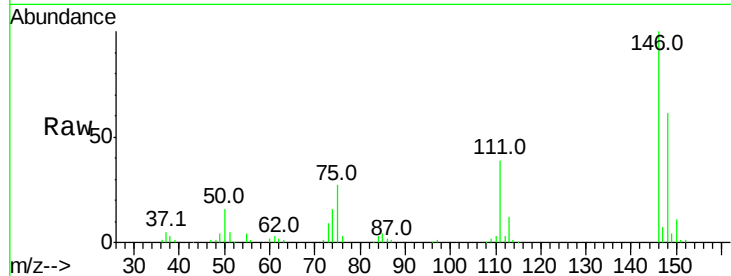
Tot Ion:146 Resp: 68997

Ion Ratio Lower Upper

146 100

148 61.3 50.8 76.2

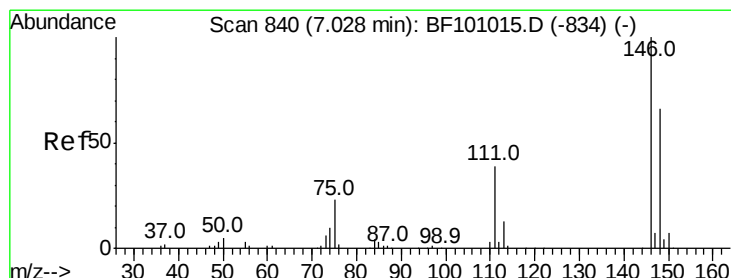
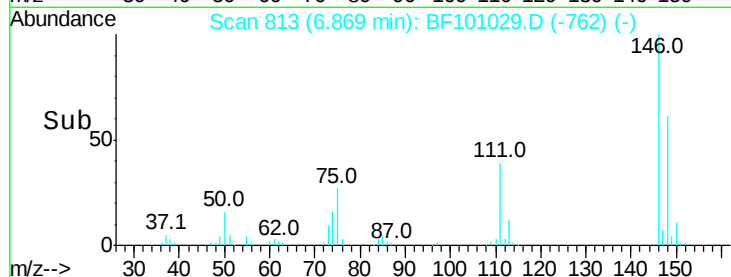
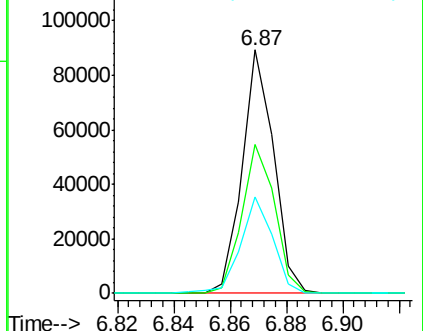
111 39.5 34.2 51.2



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: 16.827 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF101029.D

Acq: 30 Nov 2017 20:38

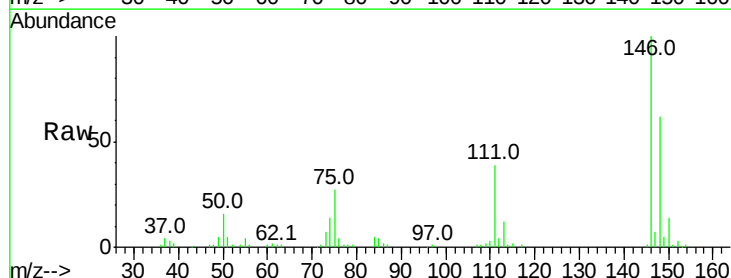
Tgt Ion:146 Resp: 67755

Ion Ratio Lower Upper

146 100

148 61.6 50.6 75.8

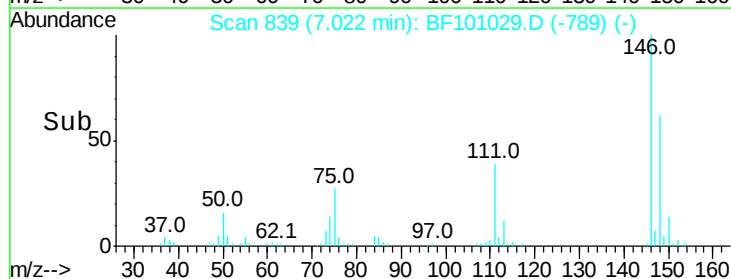
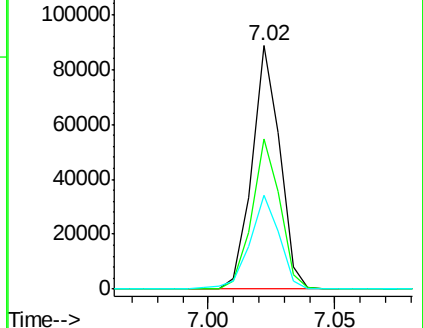
111 38.8 36.0 54.0

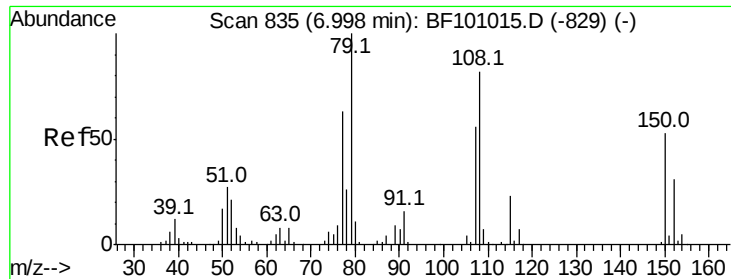


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

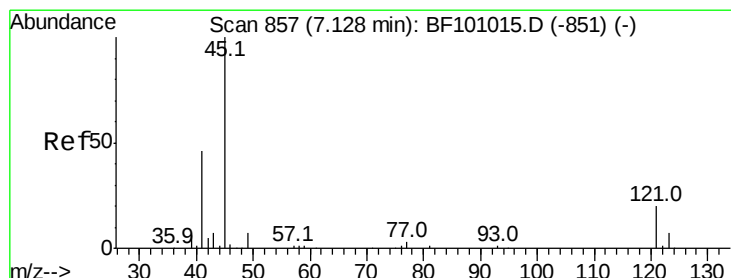
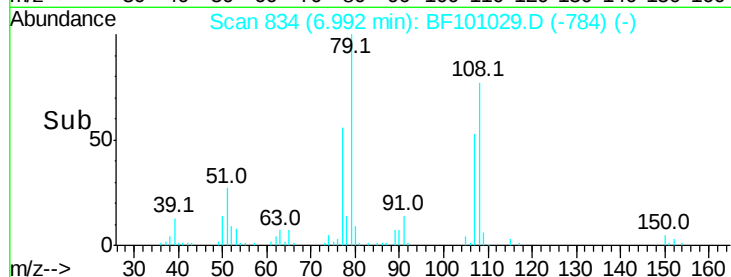
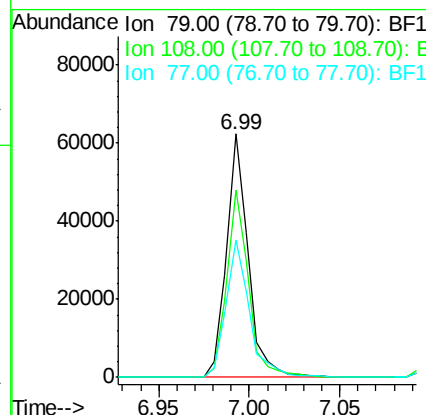
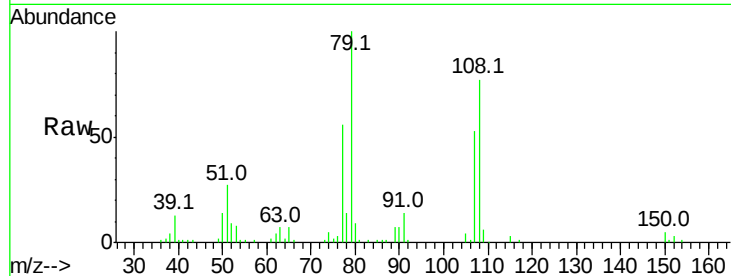




#15
Benzyl Alcohol
Concen: 16.857 ng
RT: 6.99 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF101029.D
Acq: 30 Nov 2017 20:38

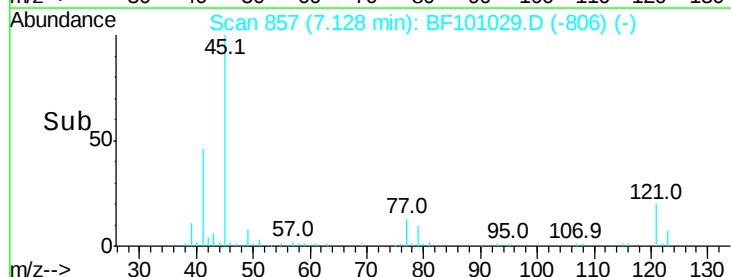
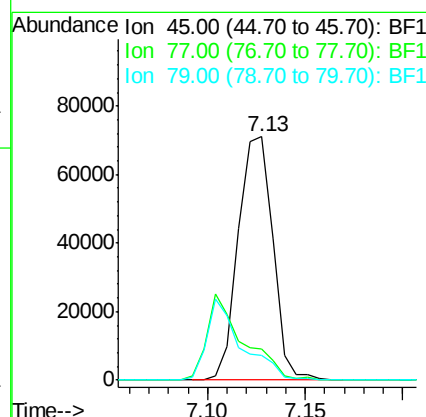
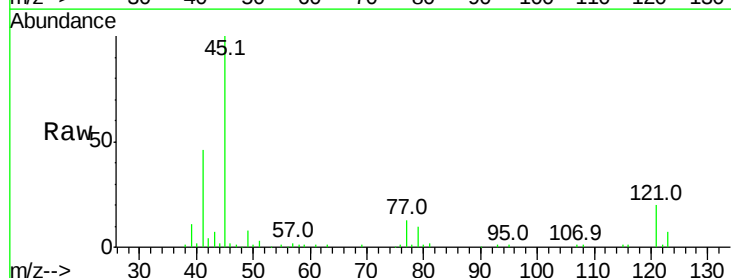
Instrument :
BNA_F
ClientSampleId :

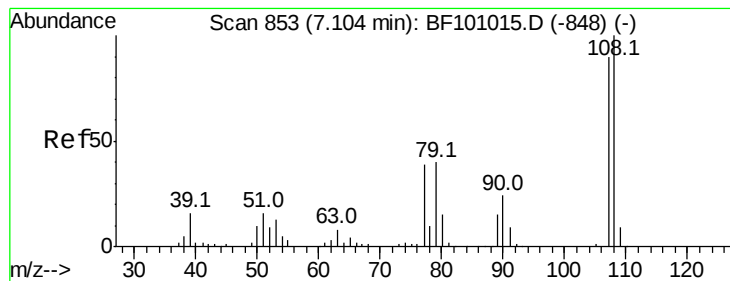
Tot Ion: 79 Resp: 51913
Ion Ratio Lower Upper
79 100
108 76.8 65.1 97.7
77 56.4 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 19.337 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF101029.D
Acq: 30 Nov 2017 20:38

Tgt Ion: 45 Resp: 87412
Ion Ratio Lower Upper
45 100
77 12.6 0.0 32.9
79 10.0 0.0 29.6

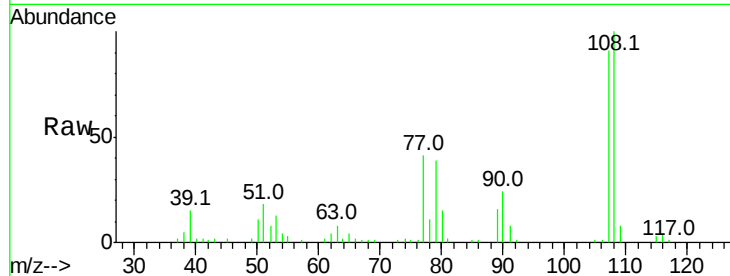




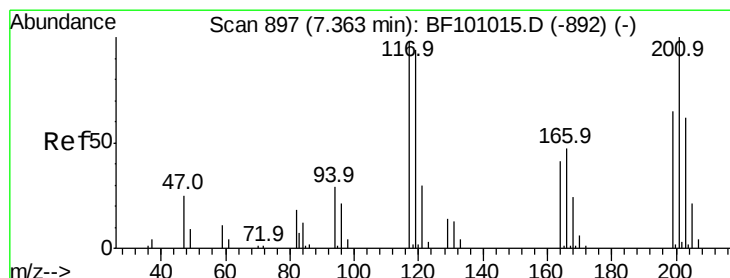
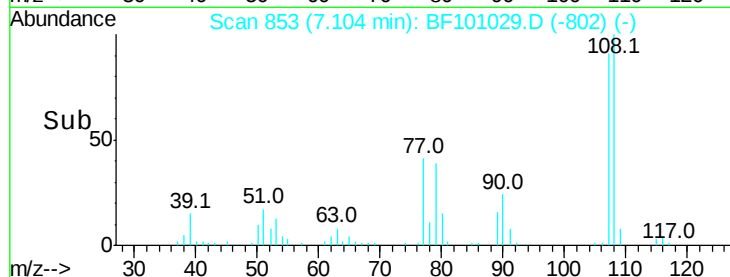
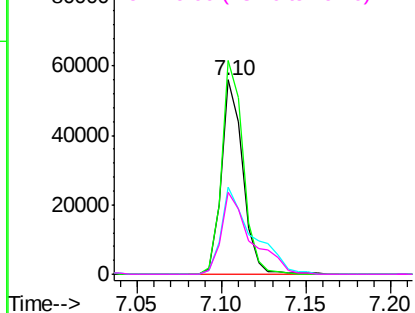
#17
2-Methylphenol
Concen: 17.213 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF101029.D
Acq: 30 Nov 2017 20:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 49771
Ion Ratio Lower Upper
107 100
108 109.9 91.7 137.5
77 44.6 33.8 50.8
79 42.3 33.8 50.8

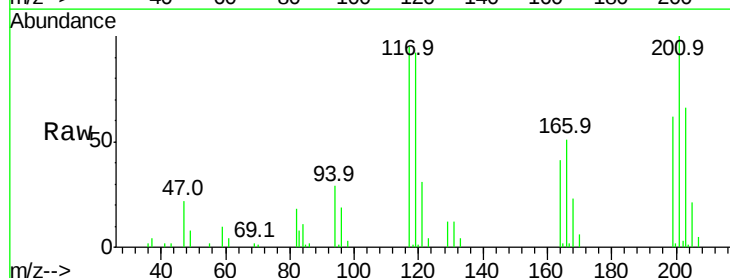


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

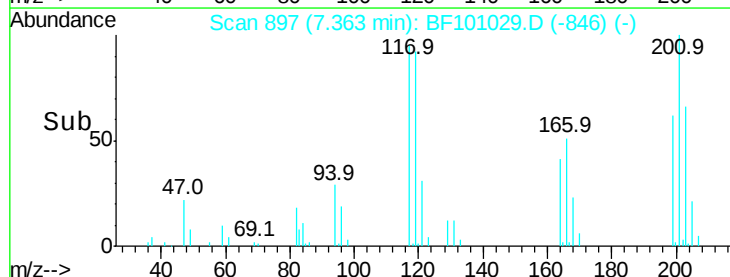
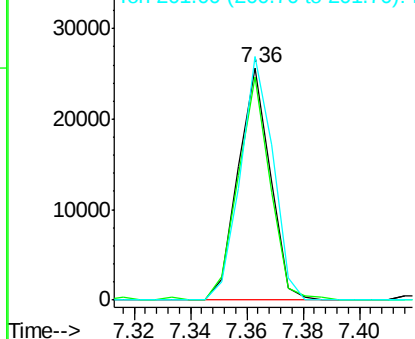


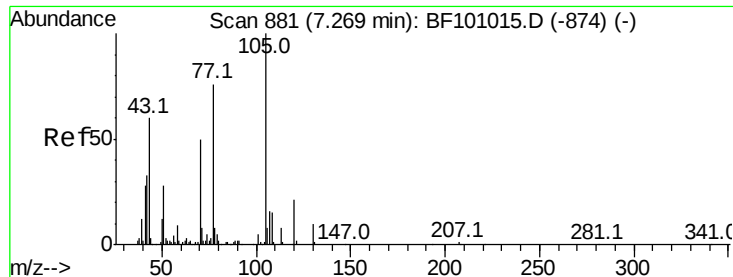
#18
Hexachloroethane
Concen: 14.608 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF101029.D
Acq: 30 Nov 2017 20:38

Tgt Ion:117 Resp: 20260
Ion Ratio Lower Upper
117 100
119 95.9 75.8 113.8
201 104.8 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

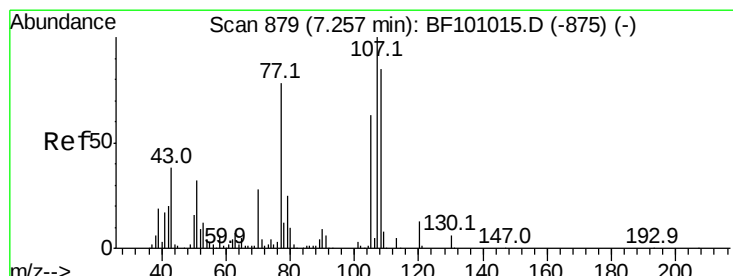
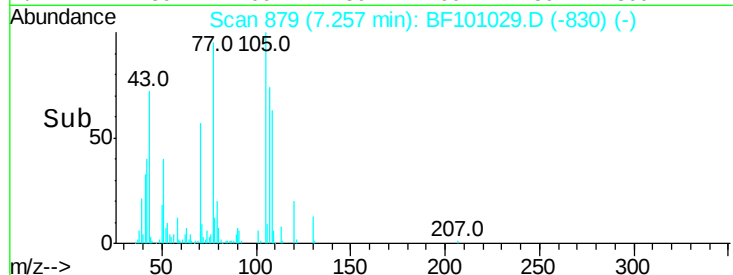
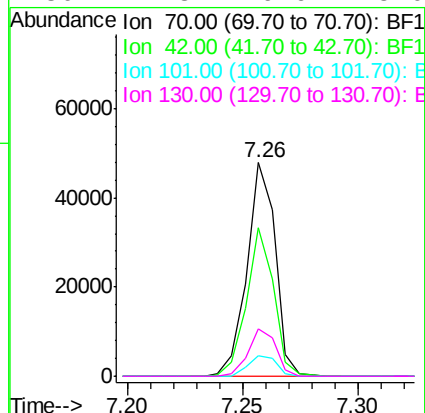
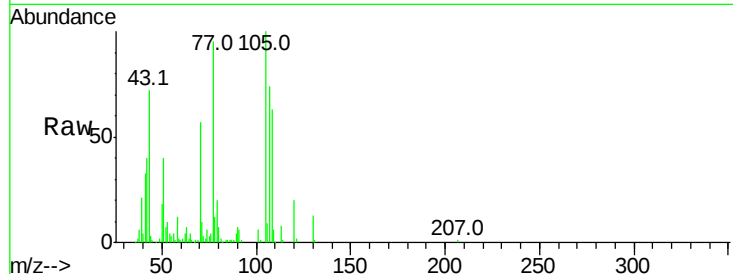




#19
n-Nitroso-di-n-propylamine
Concen: 15.345 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF101029.D
Acq: 30 Nov 2017 20:38

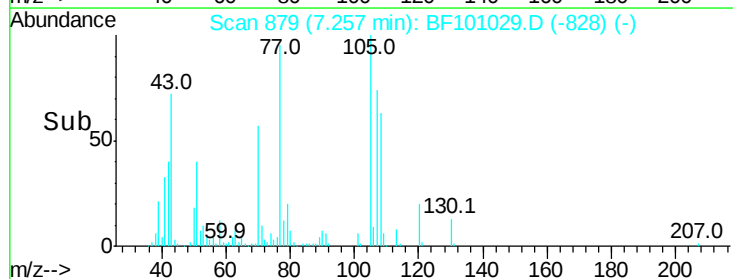
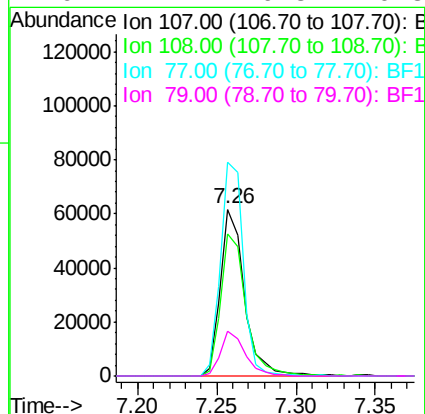
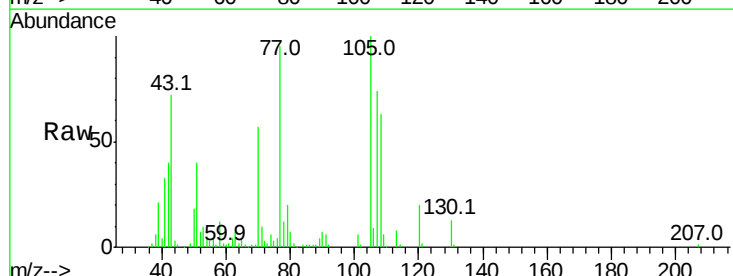
Instrument :
BNA_F
ClientSampleId :

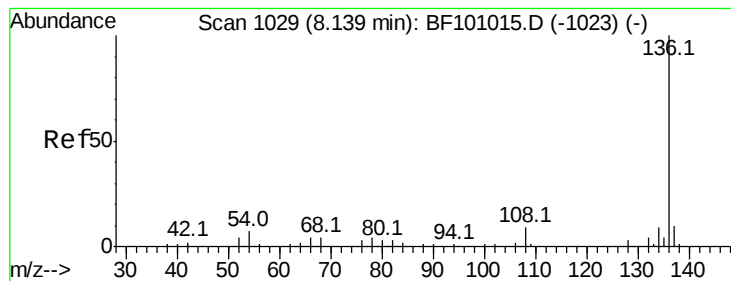
Tot Ion:	70	Resp:	41206
Ion	Ratio	Lower	Upper
70	100		
42	69.7	47.5	71.3
101	9.7	7.4	11.2
130	22.3	16.6	25.0



#20
3+4-Methylphenols
Concen: 17.322 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: BF101029.D
Acq: 30 Nov 2017 20:38

Tgt Ion:	107	Resp:	65320
Ion	Ratio	Lower	Upper
107	100		
108	85.5	68.2	108.2
77	128.2	26.7	66.7#
79	27.2	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF101029.D

Acq: 30 Nov 2017 20:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 210329

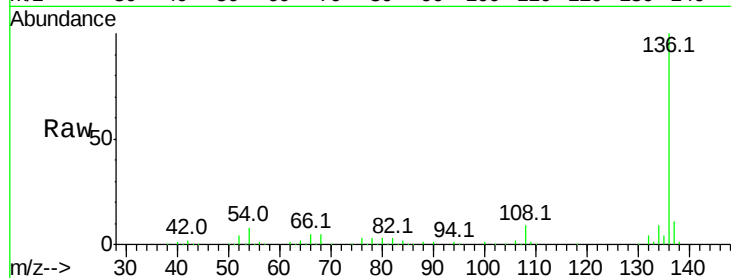
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.7 6.6 9.8

68 5.3 5.0 7.4

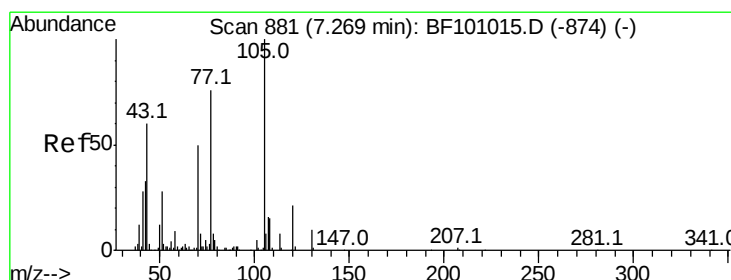
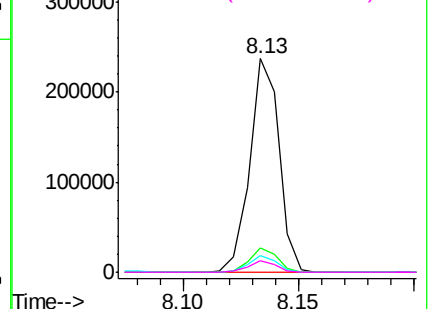
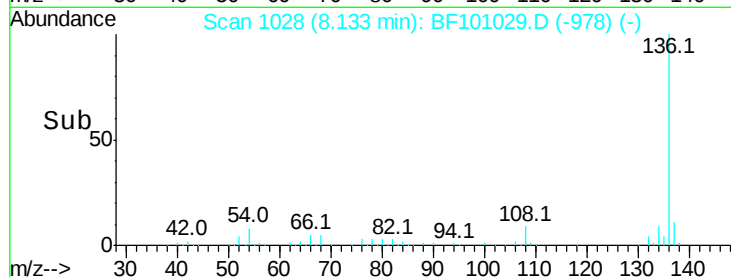


Abundance Ion 136.00 (135.70 to 136.70): E

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: 16.111 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF101029.D

Acq: 30 Nov 2017 20:38

Tgt Ion:105 Resp: 81868

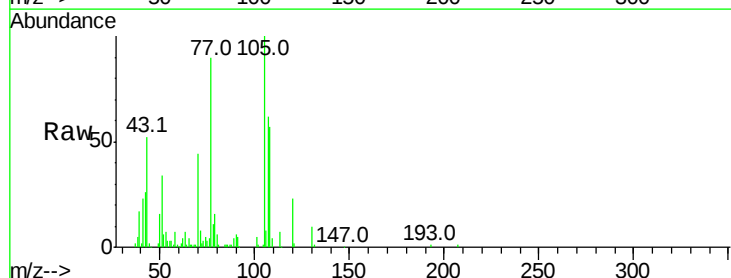
Ion Ratio Lower Upper

105 100

71 7.7 4.4 6.6#

51 33.6 22.3 33.5#

120 23.1 16.9 25.3

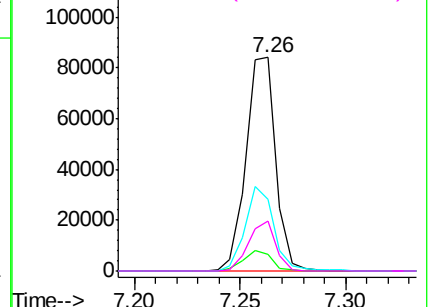
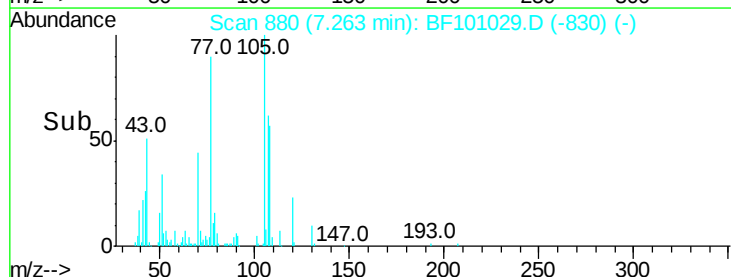


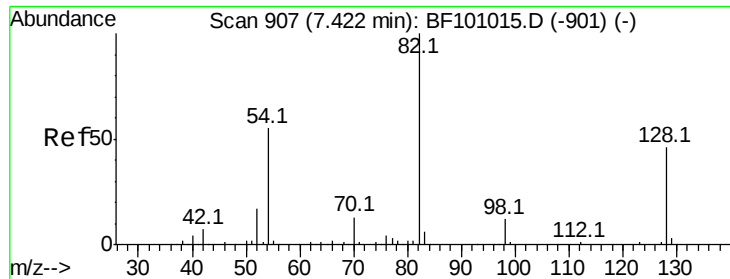
Abundance Ion 105.00 (104.70 to 105.70): E

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

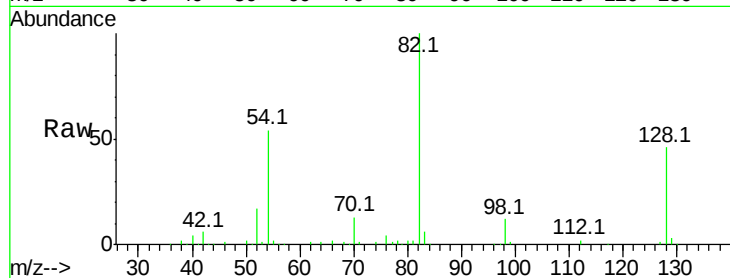




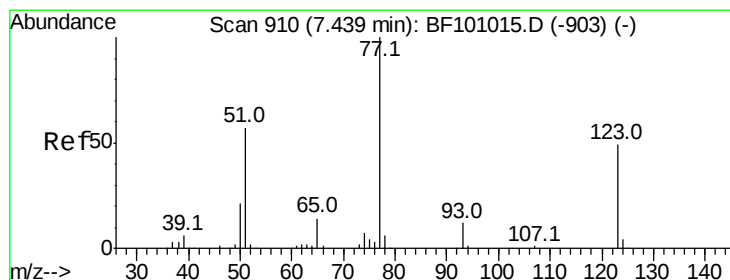
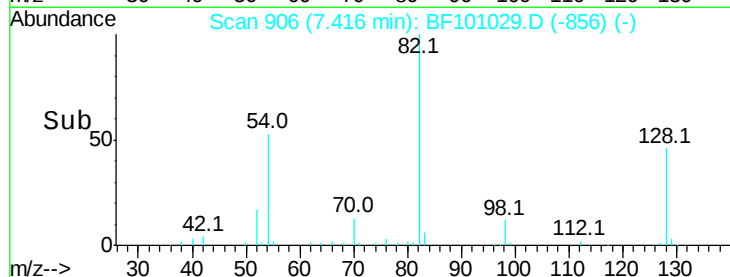
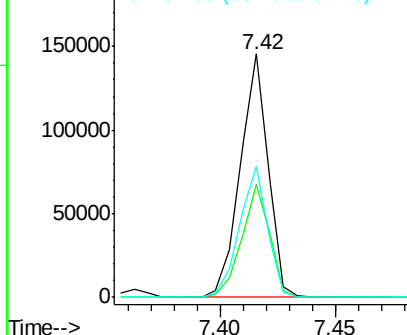
#23
Nitrobenzene-d5
Concen: 34.717 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF101029.D
Acq: 30 Nov 2017 20:38

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 122408
Ion Ratio Lower Upper
82 100
128 46.2 36.1 54.1
54 53.7 41.4 62.2

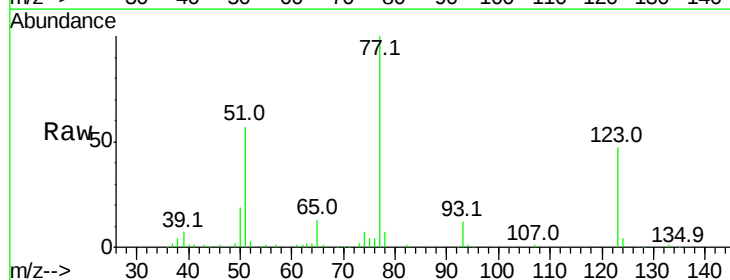


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

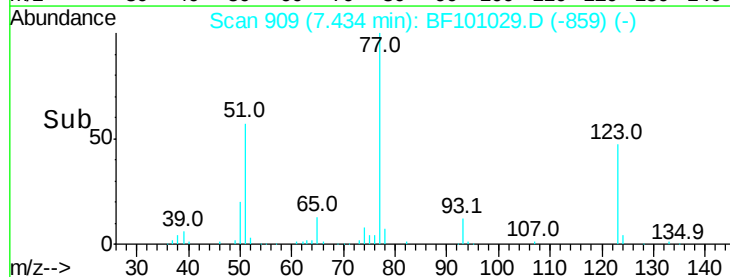
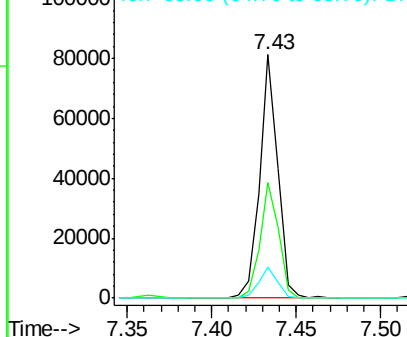


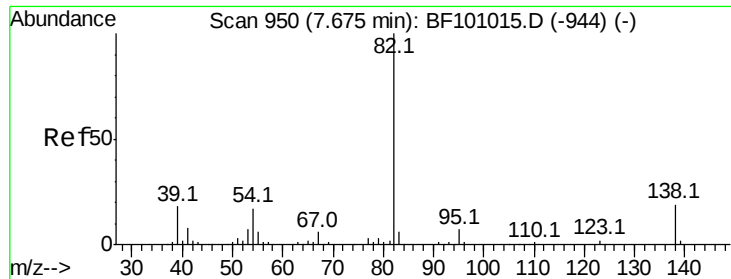
#24
Nitrobenzene
Concen: 17.578 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF101029.D
Acq: 30 Nov 2017 20:38

Tgt Ion: 77 Resp: 60744
Ion Ratio Lower Upper
77 100
123 47.3 37.9 56.9
65 13.0 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: 17.751 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF101029.D

Acq: 30 Nov 2017 20:38

Instrument :

BNA_F

ClientSampleId :

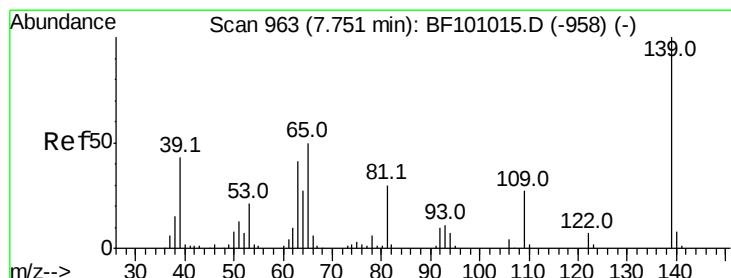
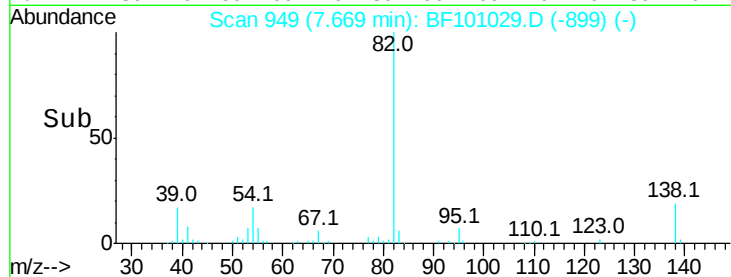
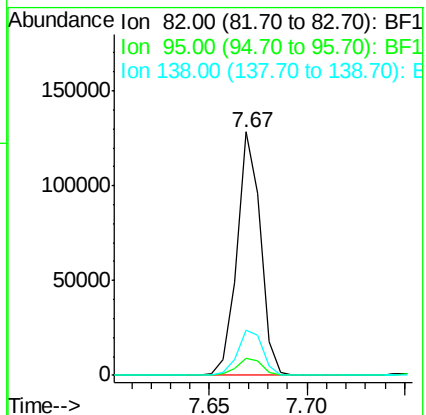
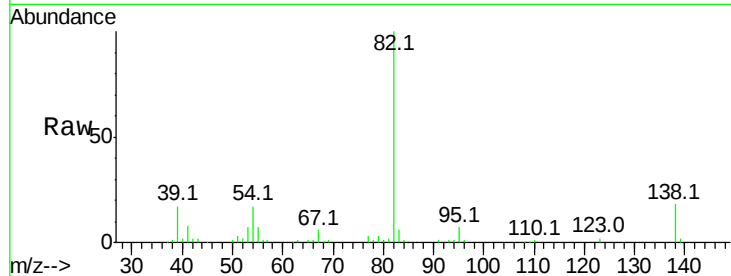
Tot Ion: 82 Resp: 106904

Ion Ratio Lower Upper

82 100

95 7.1 5.2 7.8

138 18.5 14.9 22.3



#26

2-Nitrophenol

Concen: 16.709 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF101029.D

Acq: 30 Nov 2017 20:38

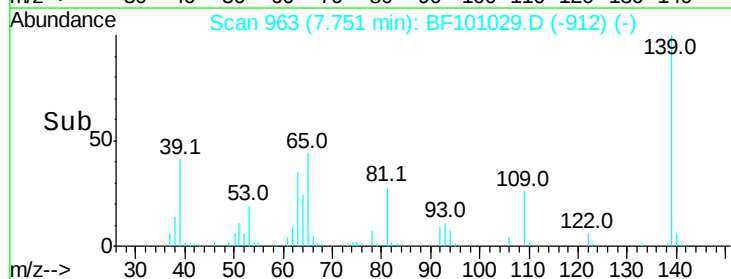
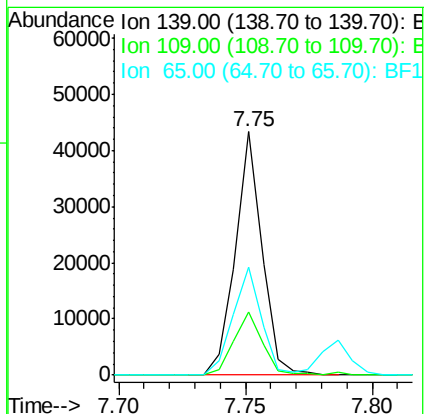
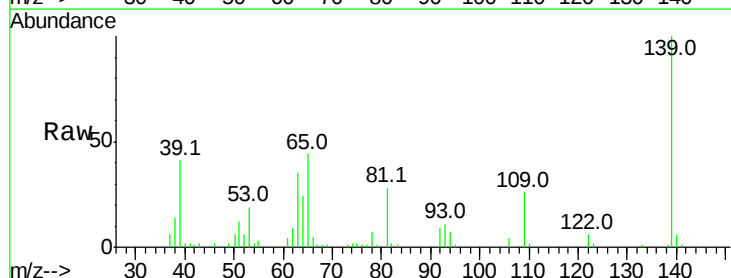
Tgt Ion: 139 Resp: 31697

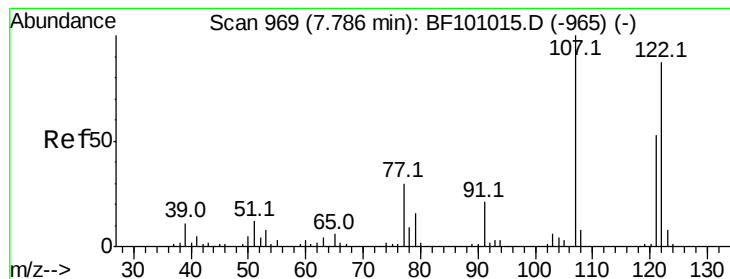
Ion Ratio Lower Upper

139 100

109 26.0 22.7 34.1

65 44.3 40.5 60.7

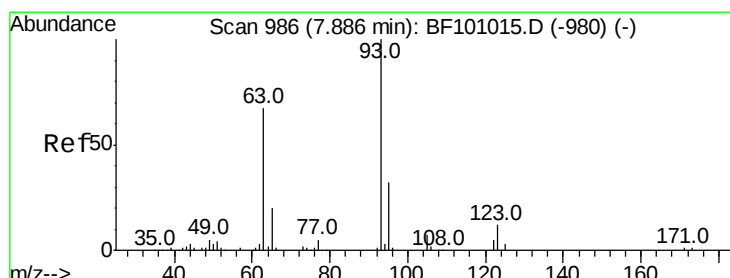
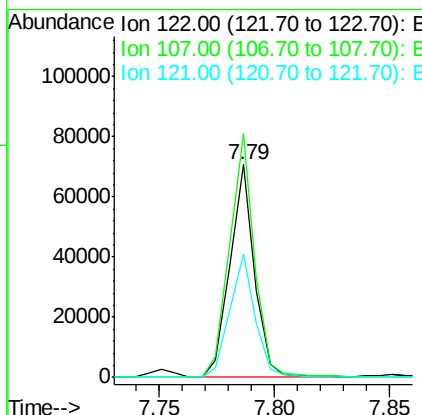
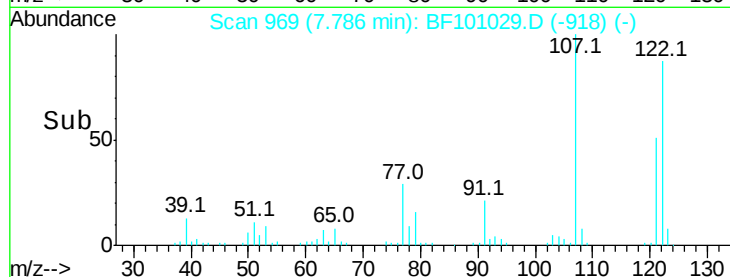
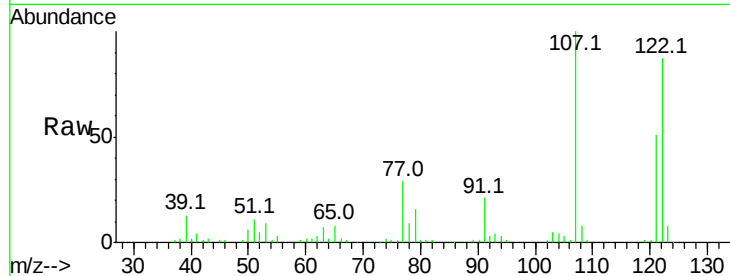




#27
 2,4-Dimethylphenol
 Concen: 19.080 ng
 RT: 7.79 min Scan# 969
 Delta R.T. 0.00 min
 Lab File: BF101029.D
 Acq: 30 Nov 2017 20:38

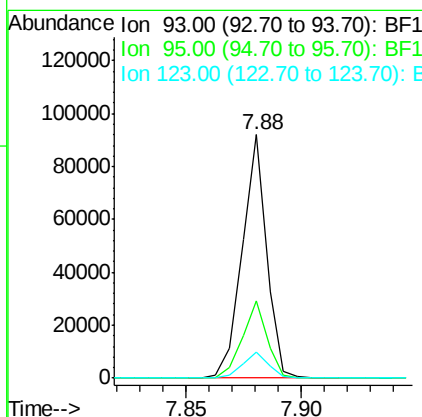
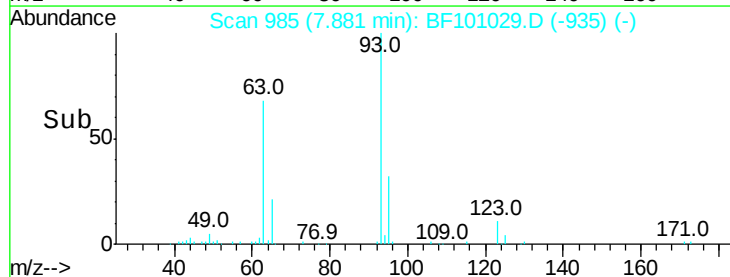
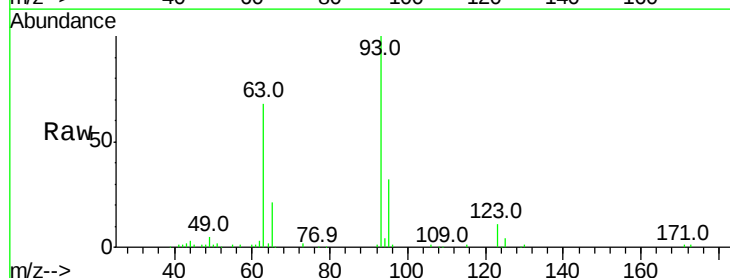
Instrument :
 BNA_F
 ClientSampleId :

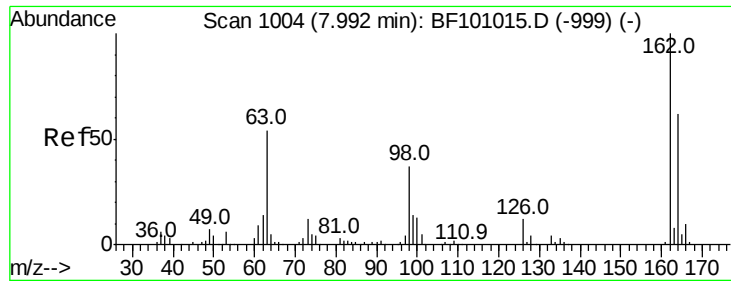
Tot Ion:122 Resp: 52357
 Ion Ratio Lower Upper
 122 100
 107 114.5 91.2 136.8
 121 58.3 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 16.806 ng
 RT: 7.88 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: BF101029.D
 Acq: 30 Nov 2017 20:38

Tgt Ion: 93 Resp: 68029
 Ion Ratio Lower Upper
 93 100
 95 32.0 26.3 39.5
 123 10.9 9.8 14.6

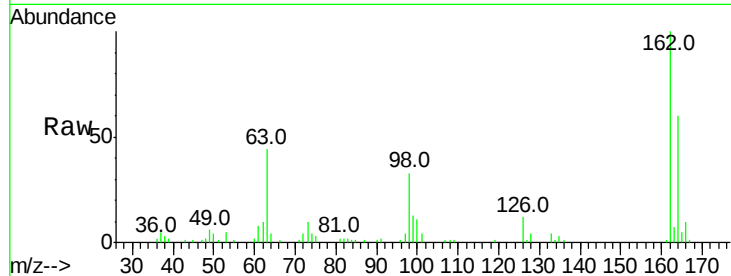




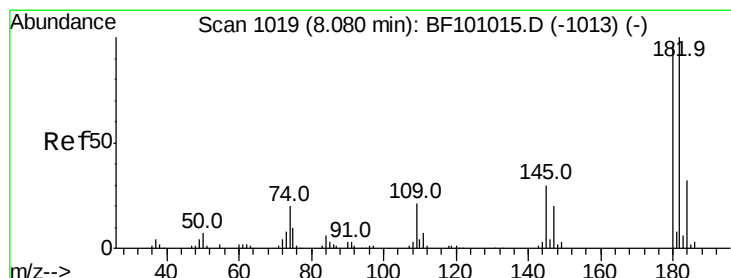
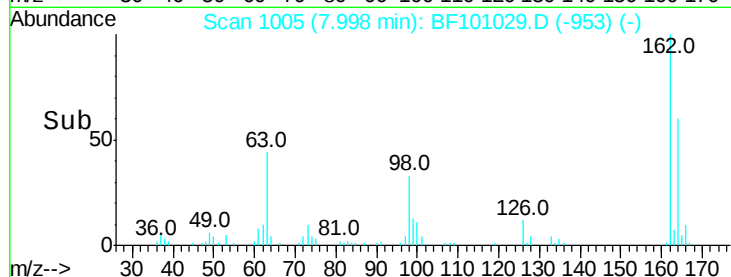
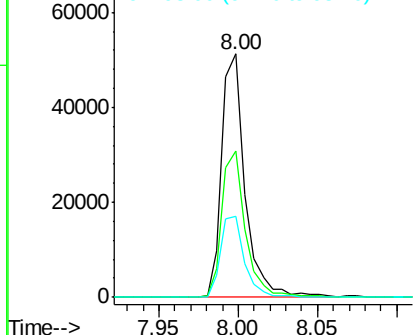
#29
 2,4-Dichlorophenol
 Concen: 17.515 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. 0.01 min
 Lab File: BF101029.D
 Acq: 30 Nov 2017 20:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	59.9	42.7	82.7
98	33.5	18.1	58.1

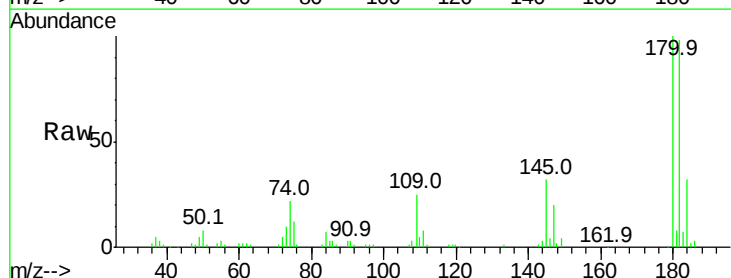


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

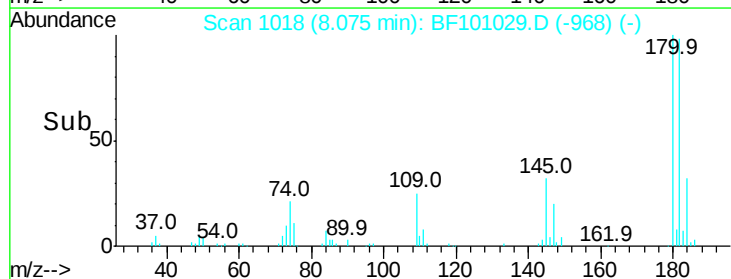
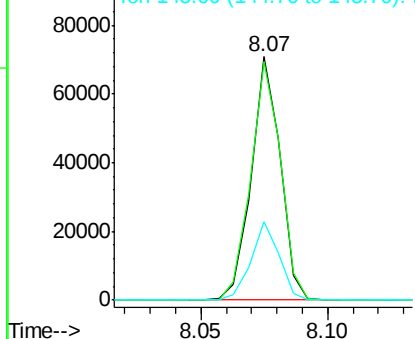


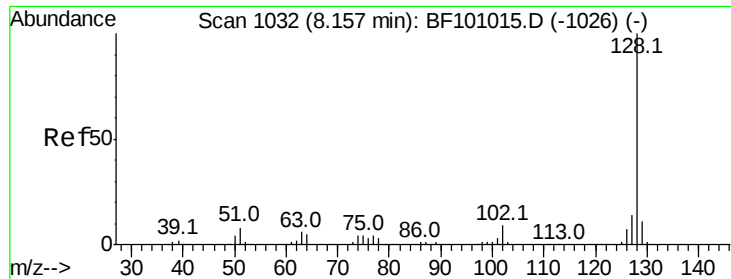
#30
 1,2,4-Trichlorobenzene
 Concen: 17.197 ng
 RT: 8.07 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BF101029.D
 Acq: 30 Nov 2017 20:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.8	76.8	115.2
145	32.1	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

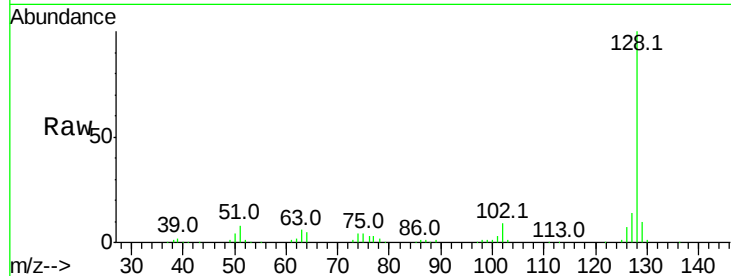




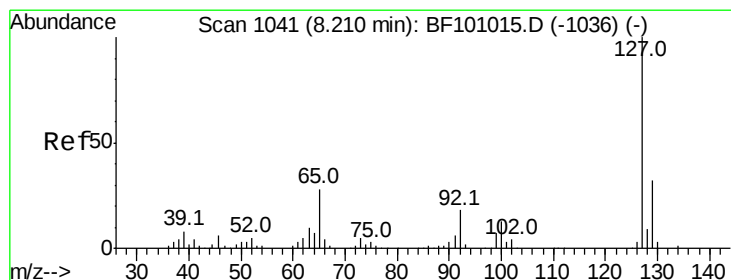
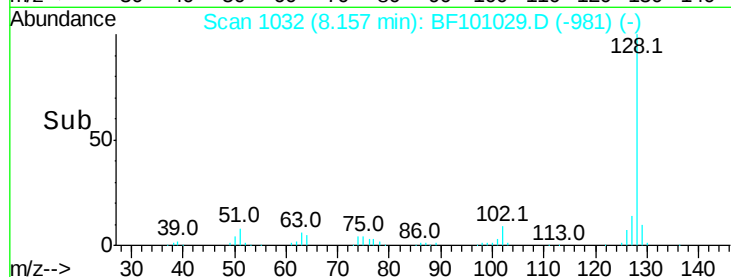
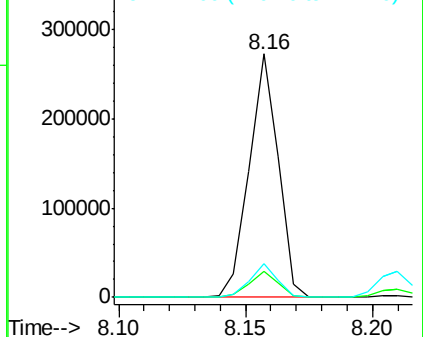
#31
Naphthalene
Concen: 21.011 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF101029.D
Acq: 30 Nov 2017 20:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 217801
Ion Ratio Lower Upper
128 100
129 10.5 8.8 13.2
127 13.8 10.9 16.3

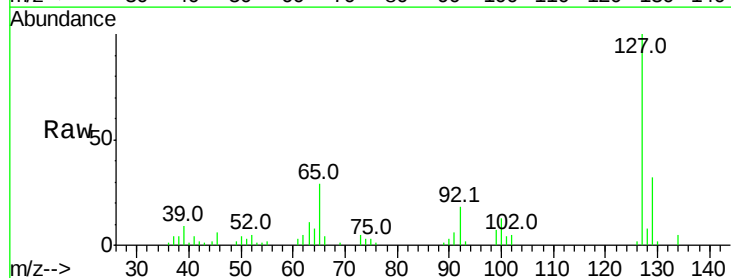


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

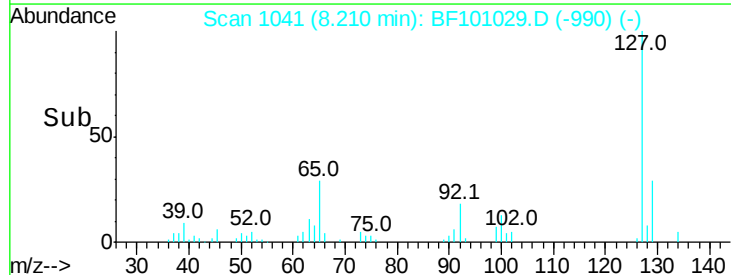
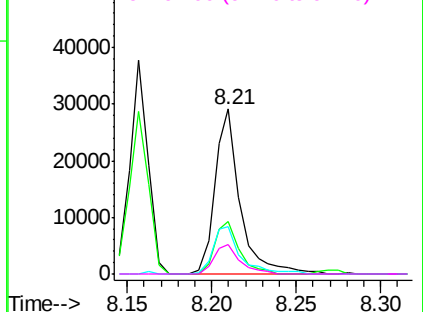


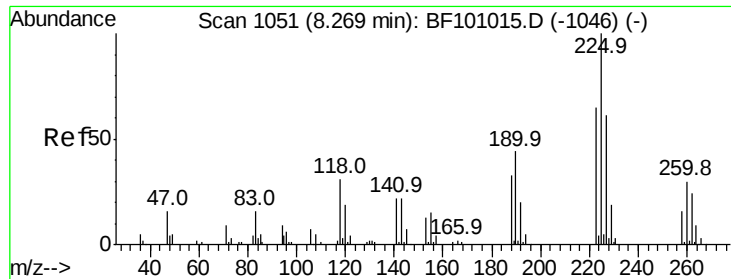
#33
4-Chloroaniline
Concen: 7.276 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF101029.D
Acq: 30 Nov 2017 20:38

Tgt Ion:127 Resp: 30307
Ion Ratio Lower Upper
127 100
129 31.9 25.9 38.9
65 29.1 25.0 37.4
92 17.7 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

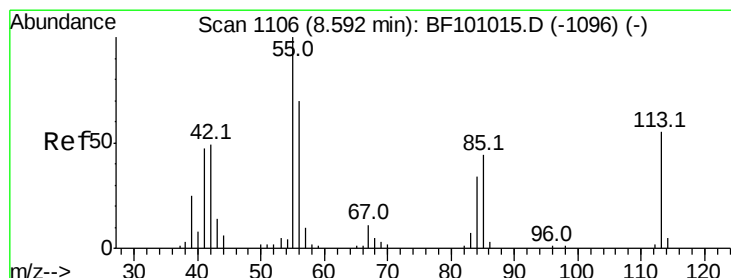
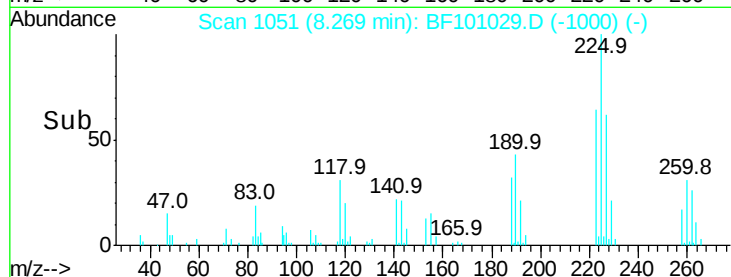
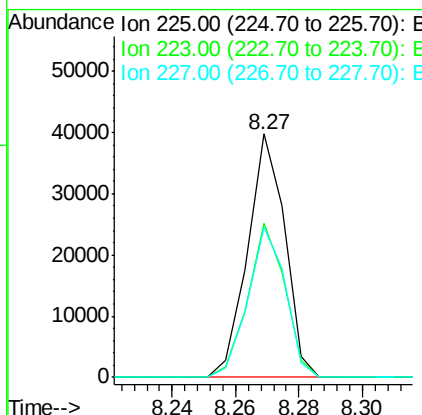
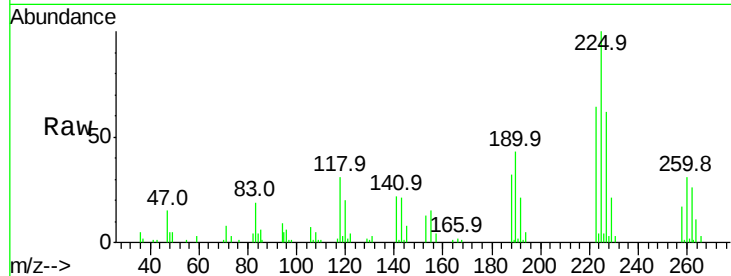




#34
Hexachlorobutadiene
Concen: 16.036 ng
RT: 8.27 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BF101029.D
Acq: 30 Nov 2017 20:38

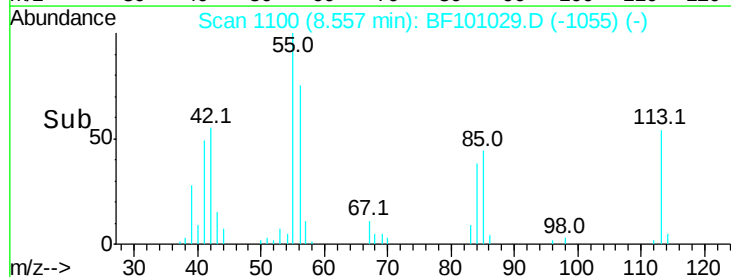
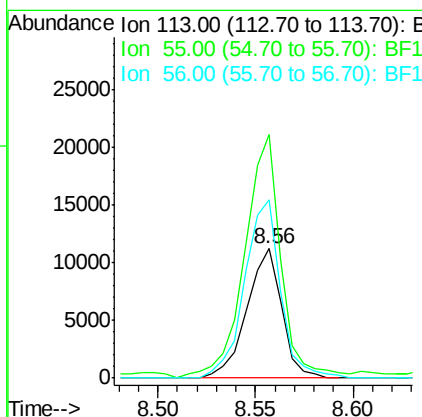
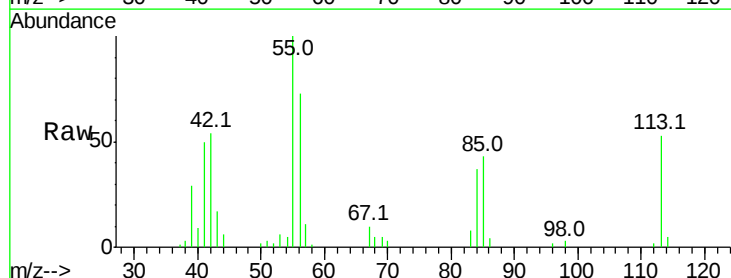
Instrument :
BNA_F
ClientSampleId :

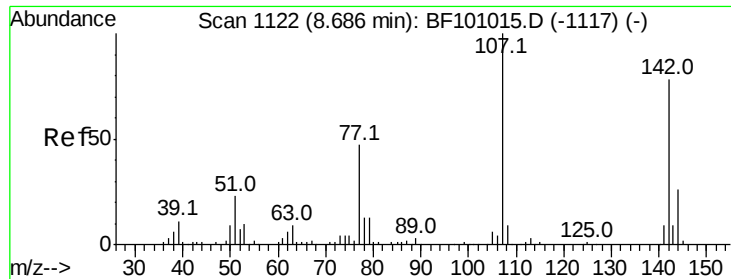
Tot Ion:225 Resp: 32304
Ion Ratio Lower Upper
225 100
223 63.5 50.6 76.0
227 61.9 51.9 77.9



#35
Caprolactam
Concen: 14.913 ng
RT: 8.56 min Scan# 1100
Delta R.T. -0.04 min
Lab File: BF101029.D
Acq: 30 Nov 2017 20:38

Tgt Ion:113 Resp: 13882
Ion Ratio Lower Upper
113 100
55 188.6 163.3 203.3
56 138.1 115.7 155.7

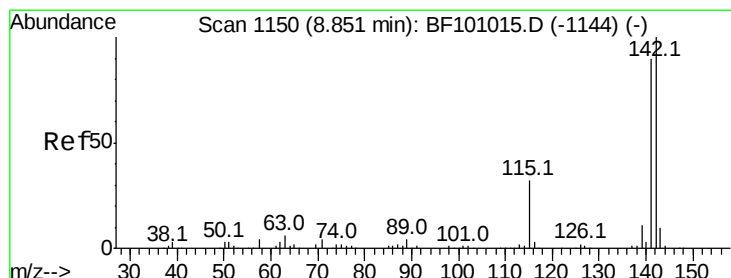
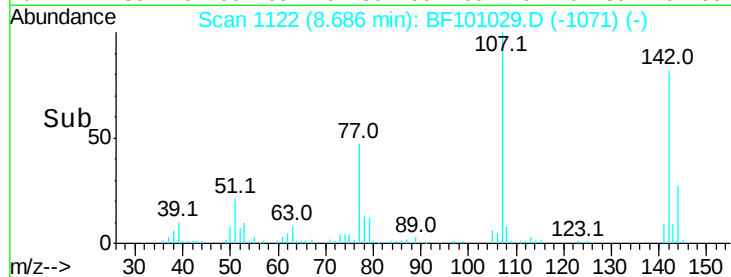
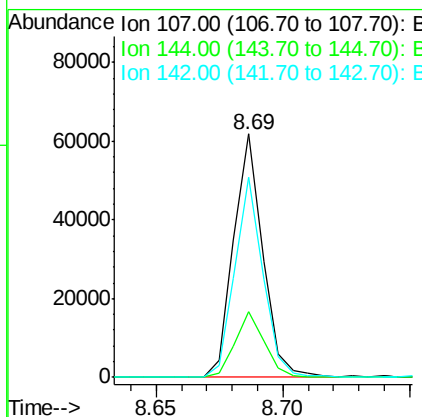
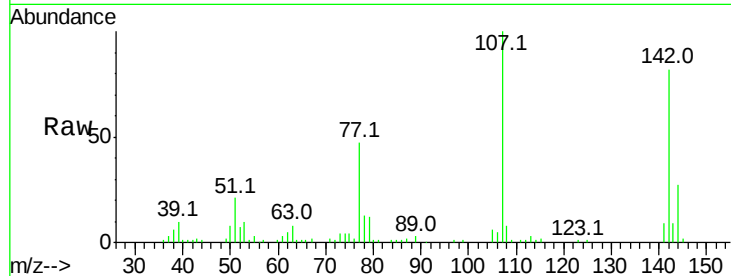




#36
 4-Chloro-3-methylphenol
 Concen: 15.968 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. 0.00 min
 Lab File: BF101029.D
 Acq: 30 Nov 2017 20:38

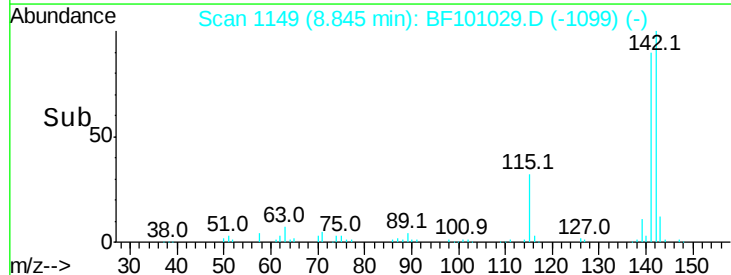
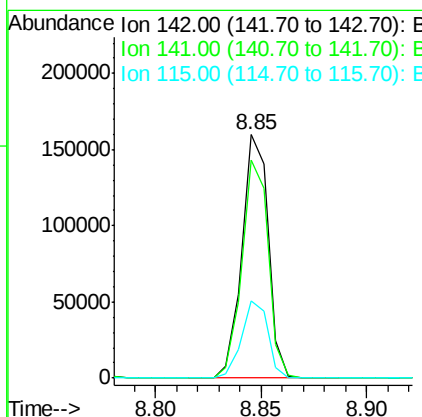
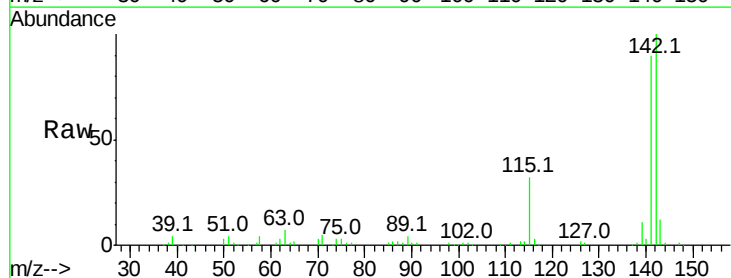
Instrument :
 BNA_F
 ClientSampled :

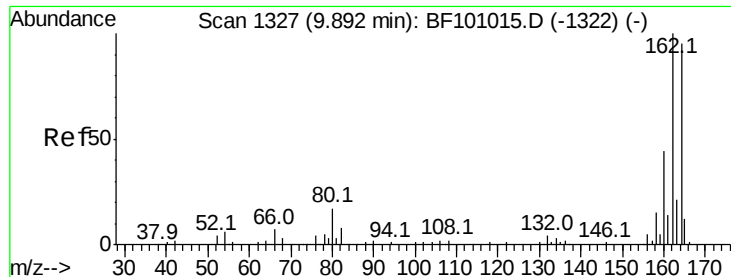
Tot Ion:	107	Resp:	49407
Ion Ratio	Lower	Upper	
107	100		
144	27.2	20.5	30.7
142	82.1	62.0	93.0



#37
 2-Methylnaphthalene
 Concen: 19.552 ng
 RT: 8.85 min Scan# 1149
 Delta R.T. -0.01 min
 Lab File: BF101029.D
 Acq: 30 Nov 2017 20:38

Tgt Ion:	142	Resp:	137717
Ion Ratio	Lower	Upper	
142	100		
141	89.7	70.8	106.2
115	31.7	26.1	39.1

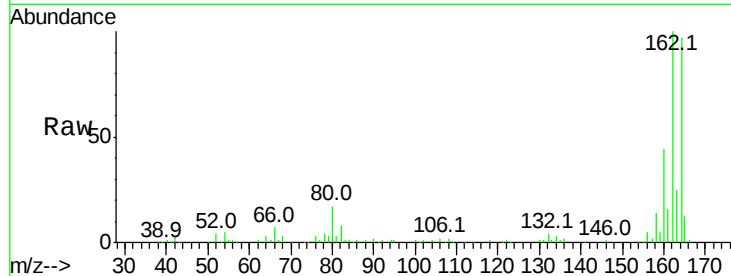




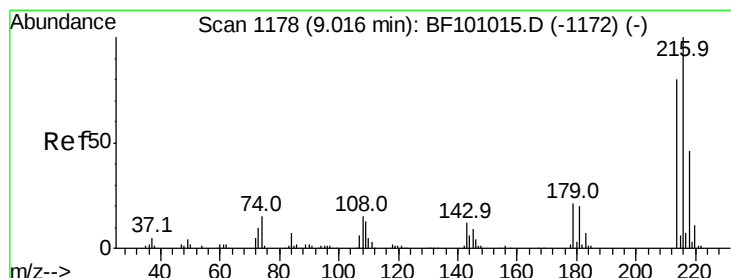
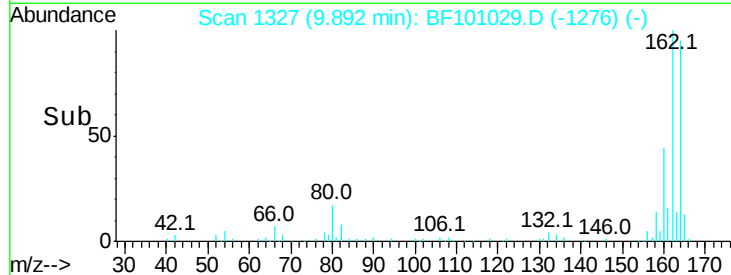
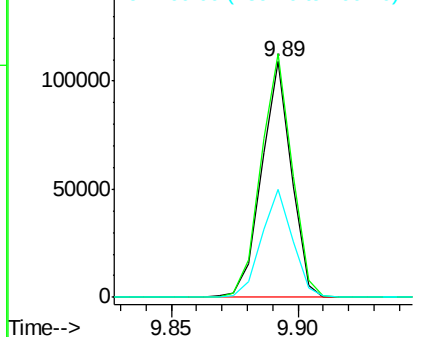
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.00 min
 Lab File: BF101029.D
 Acq: 30 Nov 2017 20:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 88752
 Ion Ratio Lower Upper
 164 100
 162 103.3 86.1 129.1
 160 45.7 38.3 57.5



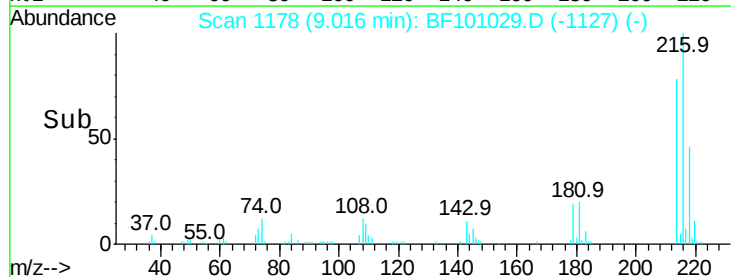
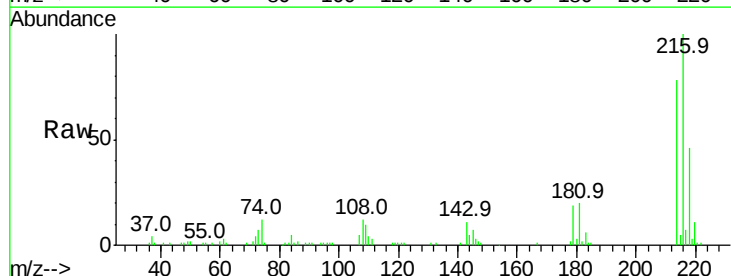
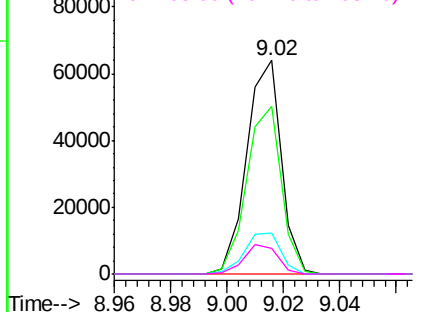
Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

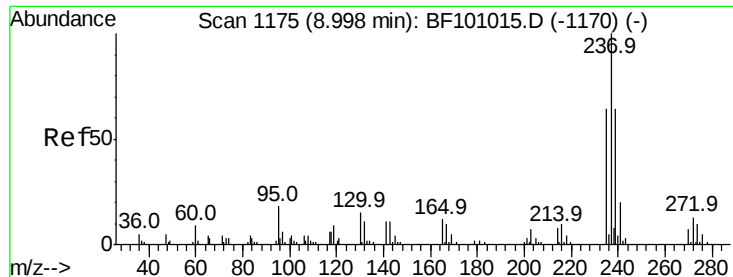


#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 16.833 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BF101029.D
 Acq: 30 Nov 2017 20:38

Tgt Ion:216 Resp: 54273
 Ion Ratio Lower Upper
 216 100
 214 79.1 63.0 94.4
 179 20.5 18.1 27.1
 108 13.7 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

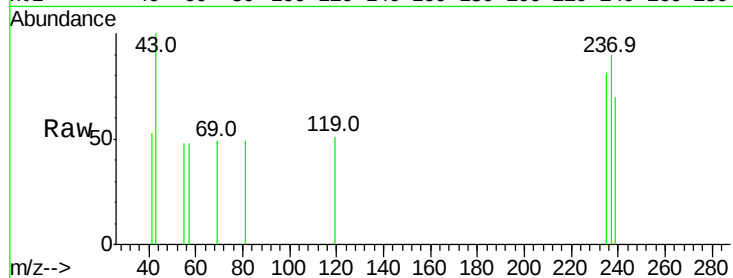




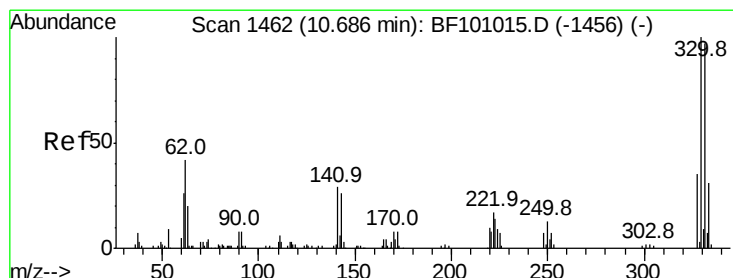
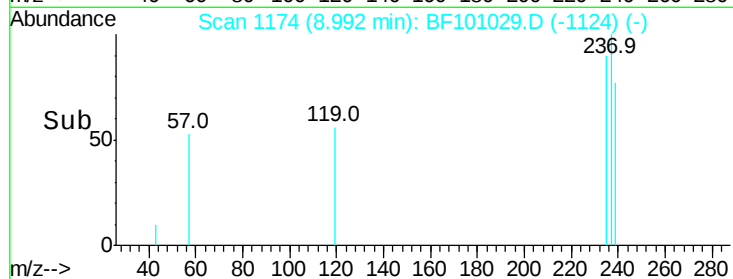
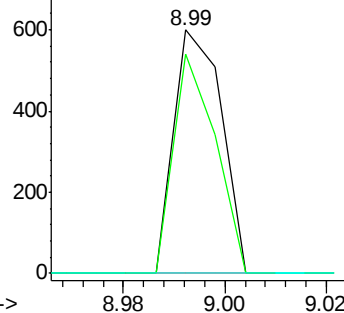
#40
Hexachlorocyclopentadiene
Concen: 6.164 ng
RT: 8.99 min Scan# 1174
Delta R.T. -0.01 min
Lab File: BF101029.D
Acq: 30 Nov 2017 20:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:237 Resp: 391
Ion Ratio Lower Upper
237 100
235 90.0 44.8 84.8#
272 0.0 0.0 33.3

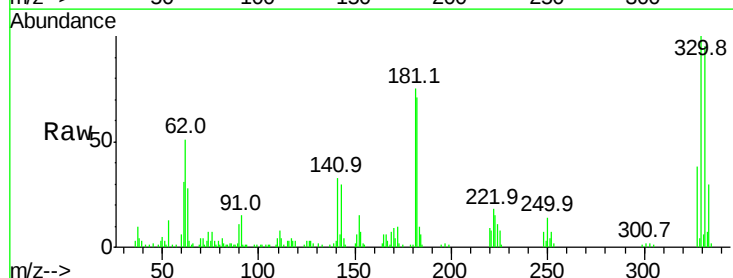


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

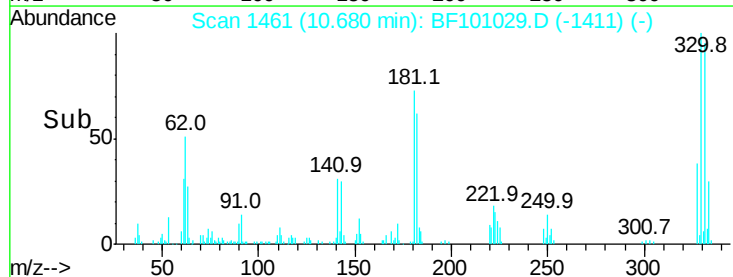
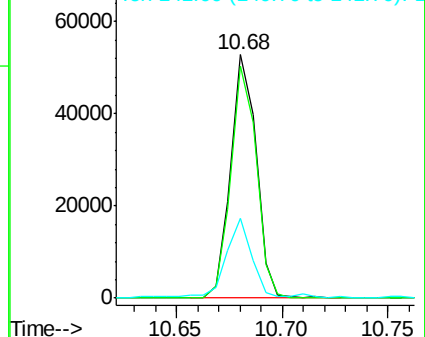


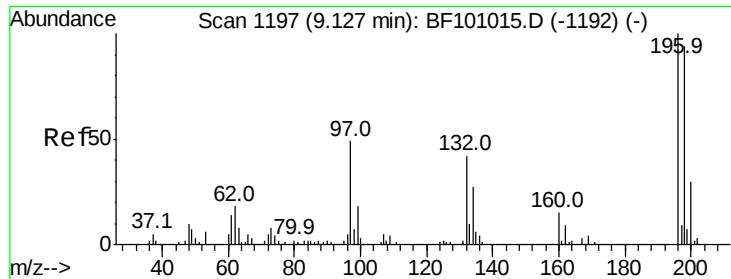
#41
2,4,6-Tribromophenol
Concen: 41.304 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BF101029.D
Acq: 30 Nov 2017 20:38

Tgt Ion:330 Resp: 44037
Ion Ratio Lower Upper
330 100
332 95.2 77.0 115.6
141 34.1 29.9 44.9



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

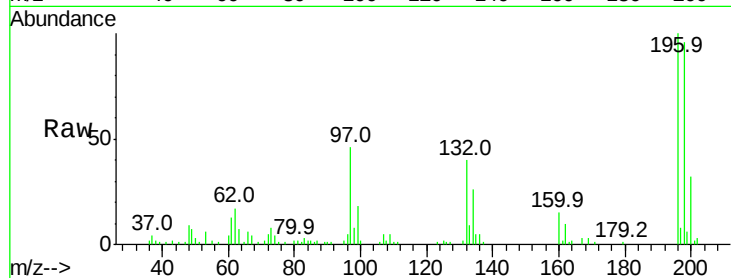




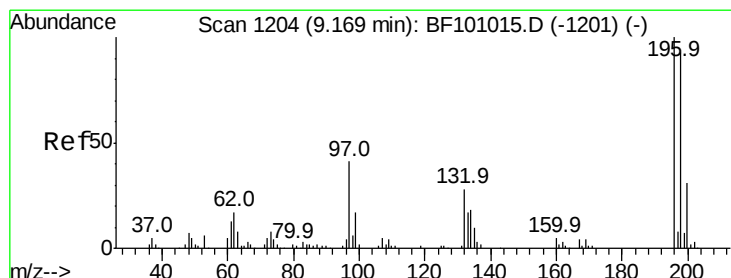
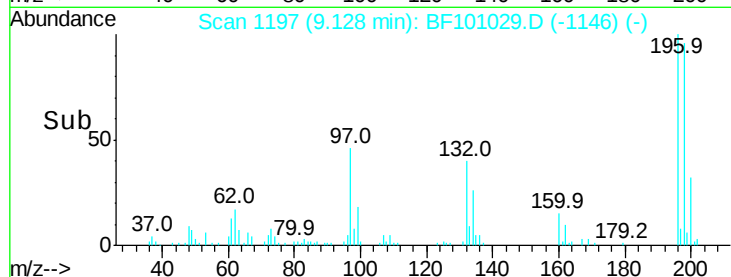
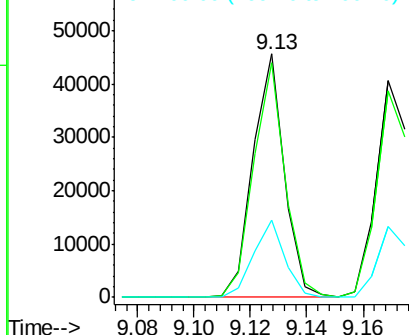
#42
 2,4,6-Trichlorophenol
 Concen: 18.585 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF101029.D
 Acq: 30 Nov 2017 20:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 35127
 Ion Ratio Lower Upper
 196 100
 198 96.4 75.7 113.5
 200 31.7 24.5 36.7

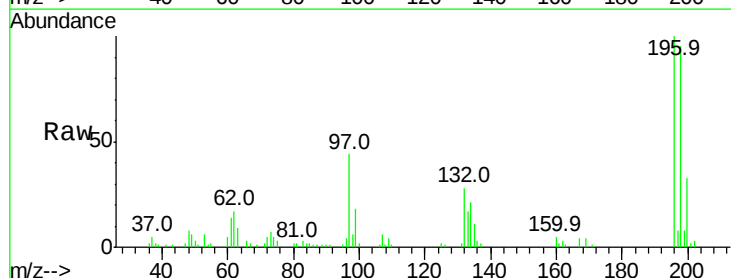


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

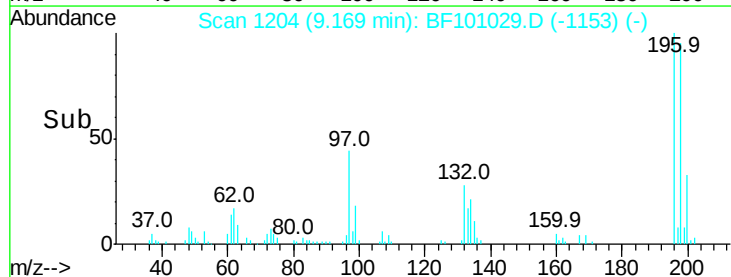
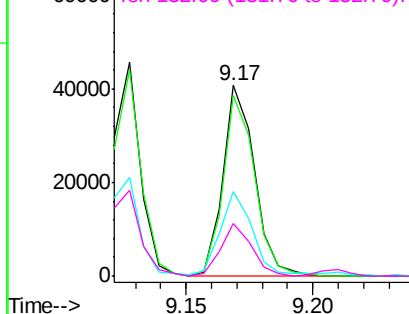


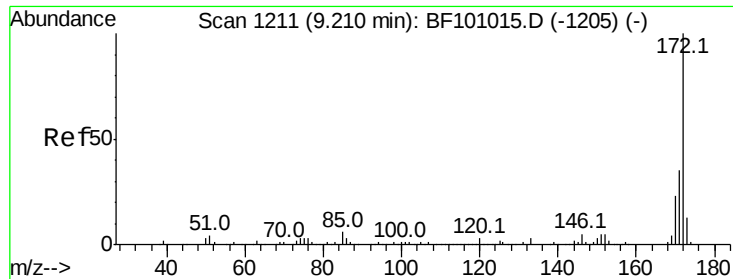
#43
 2,4,5-Trichlorophenol
 Concen: 17.498 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF101029.D
 Acq: 30 Nov 2017 20:38

Tgt Ion:196 Resp: 35357
 Ion Ratio Lower Upper
 196 100
 198 95.0 74.6 112.0
 97 44.2 42.9 64.3
 132 27.5 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

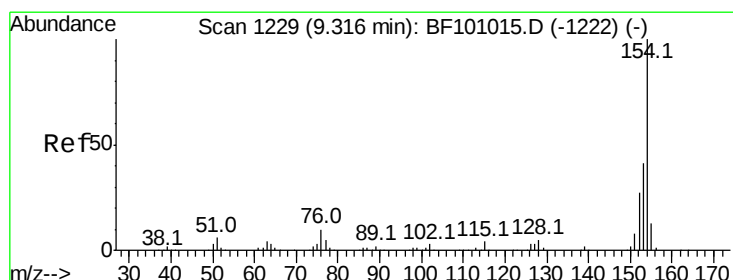
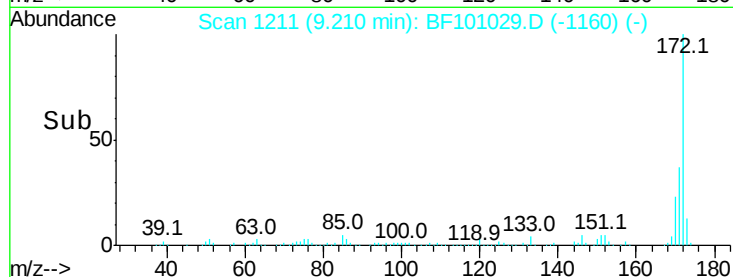
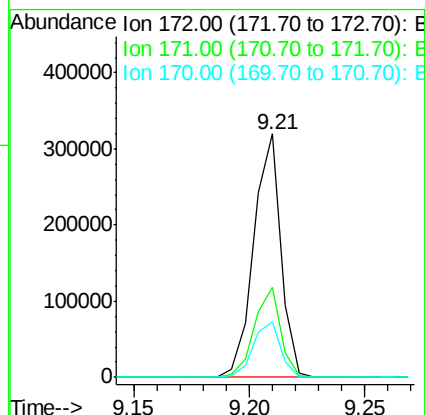
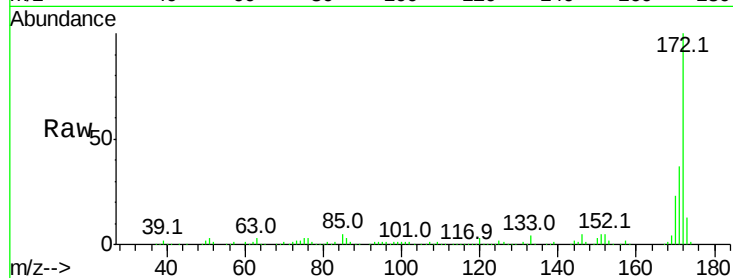




#44
2-Fluorobiphenyl
Concen: 40.594 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF101029.D
Acq: 30 Nov 2017 20:38

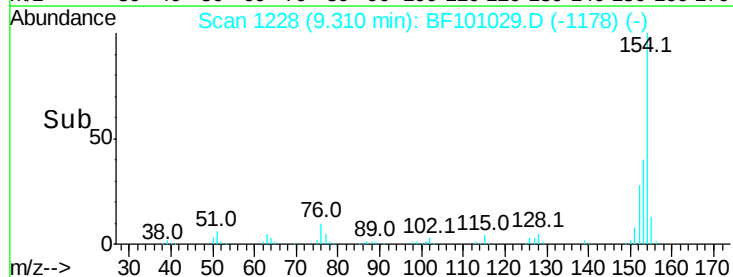
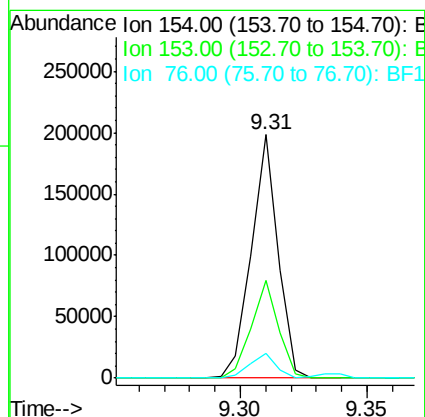
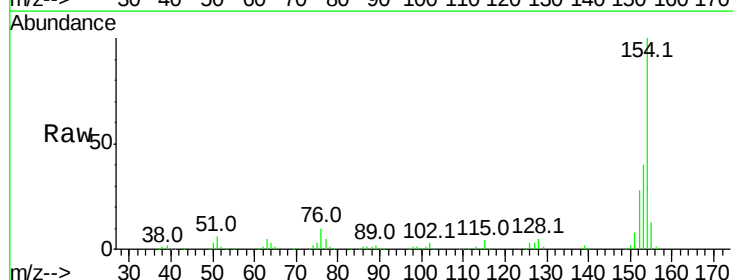
Instrument :
BNA_F
ClientSampleId :

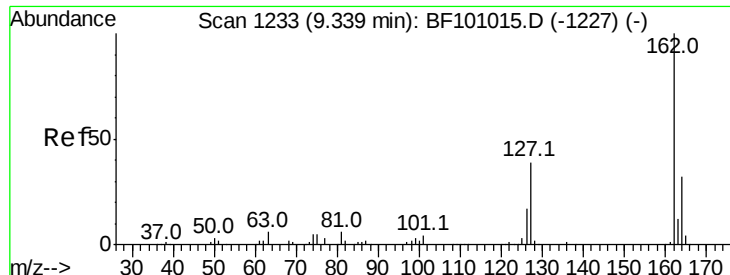
Tot Ion:172 Resp: 263321
Ion Ratio Lower Upper
172 100
171 37.1 29.7 44.5
170 22.5 19.6 29.4



#45
1,1'-Biphenyl
Concen: 17.919 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF101029.D
Acq: 30 Nov 2017 20:38

Tgt Ion:154 Resp: 145710
Ion Ratio Lower Upper
154 100
153 40.1 21.3 61.3
76 10.0 0.0 34.0

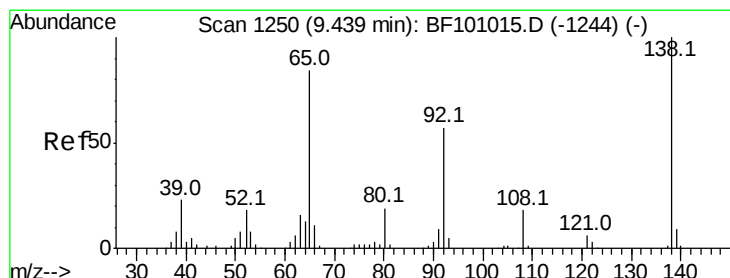
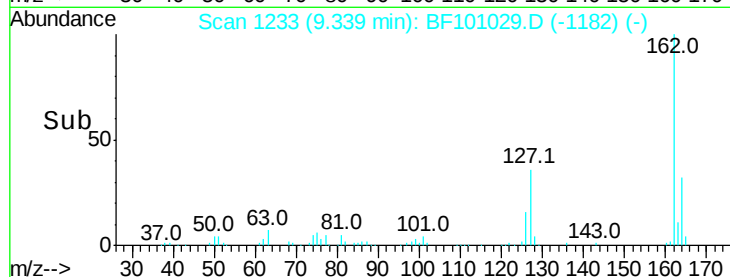
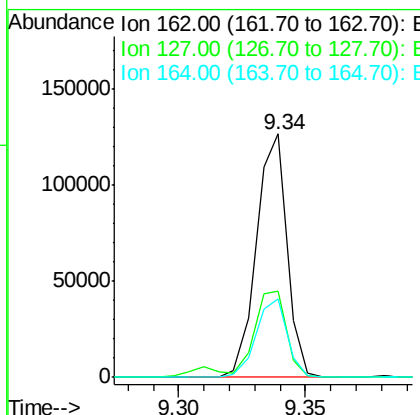
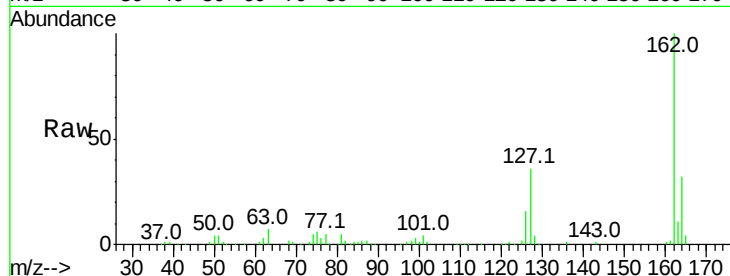




#46
 2-Chloronaphthalene
 Concen: 18.466 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: BF101029.D
 Acq: 30 Nov 2017 20:38

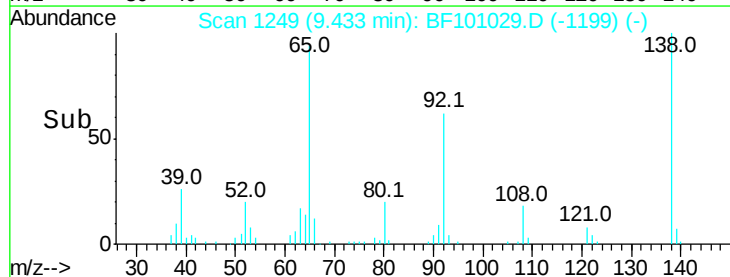
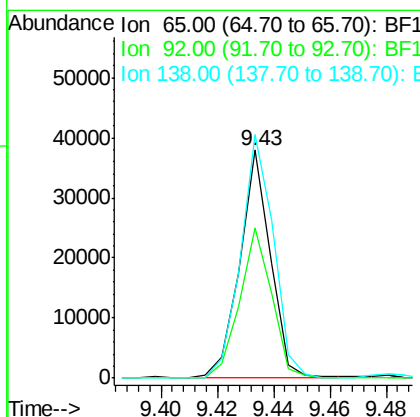
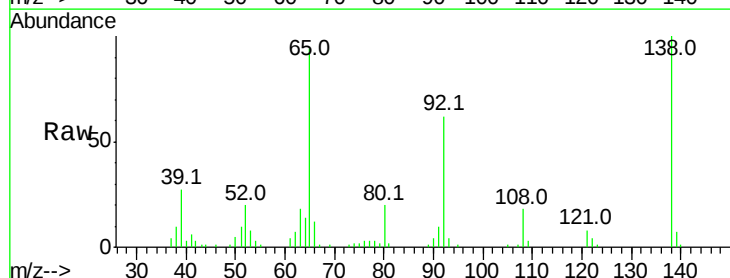
Instrument :
 BNA_F
 ClientSampleId :

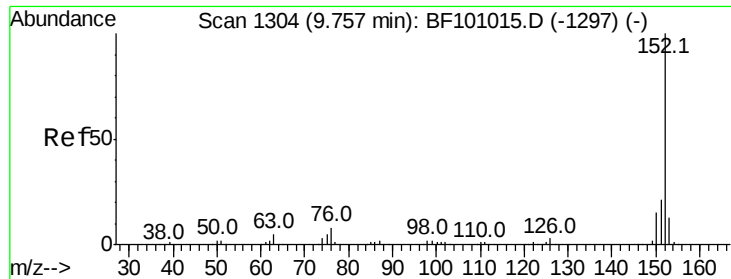
Tot Ion	Ratio	Lower	Upper
162	100		
127	35.5	33.9	50.9
164	32.0	26.5	39.7



#47
 2-Nitroaniline
 Concen: 16.829 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. -0.01 min
 Lab File: BF101029.D
 Acq: 30 Nov 2017 20:38

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.9	55.8	83.6
138	106.9	91.2	136.8





#48

Acenaphthylene

Concen: 27.842 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF101029.D

Acq: 30 Nov 2017 20:38

Instrument :

BNA_F

ClientSampleId :

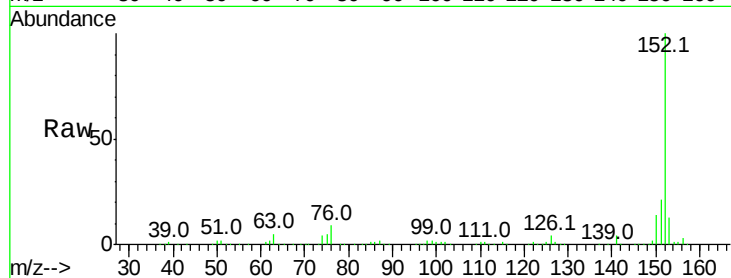
Tot Ion:152 Resp: 264226

Ion Ratio Lower Upper

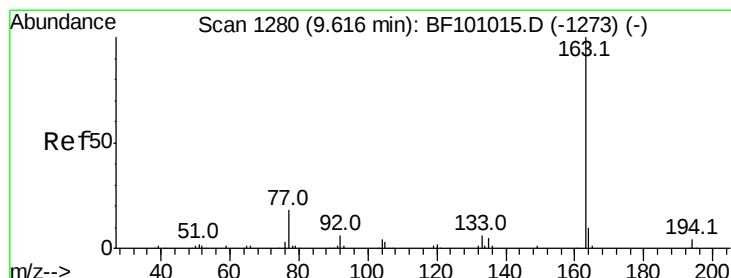
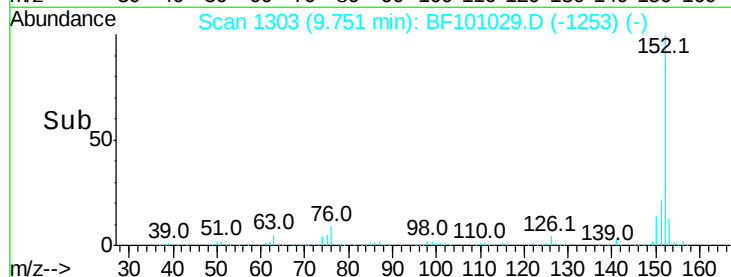
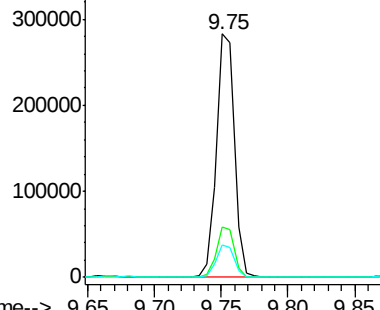
152 100

151 20.5 16.3 24.5

153 13.4 10.7 16.1



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



#49

Dimethylphthalate

Concen: 20.227 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF101029.D

Acq: 30 Nov 2017 20:38

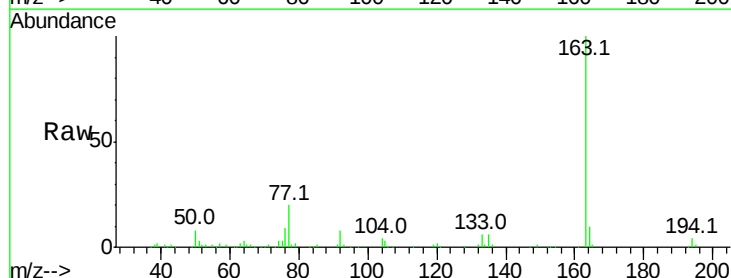
Tgt Ion:163 Resp: 144781

Ion Ratio Lower Upper

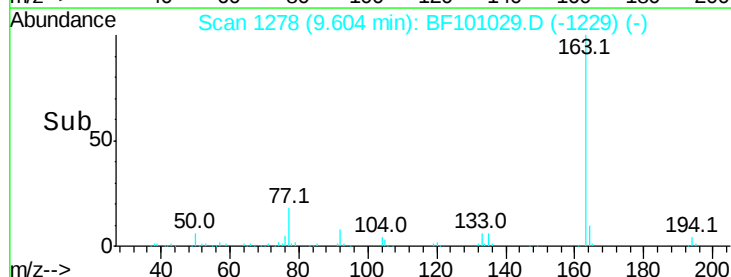
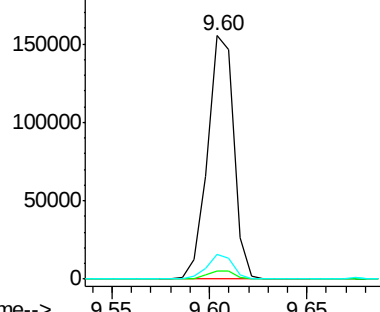
163 100

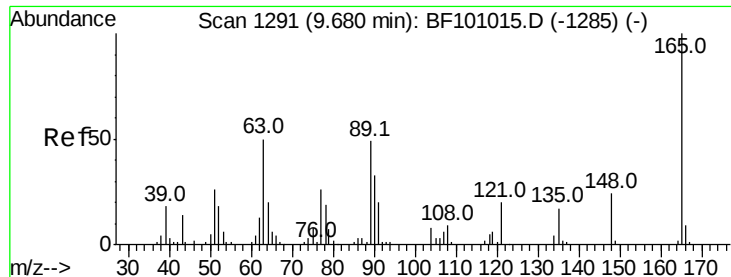
194 3.6 2.7 4.1

164 10.1 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

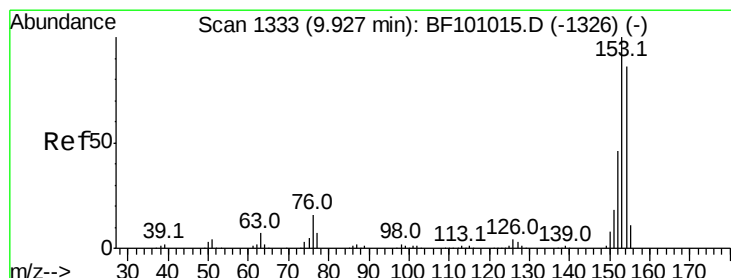
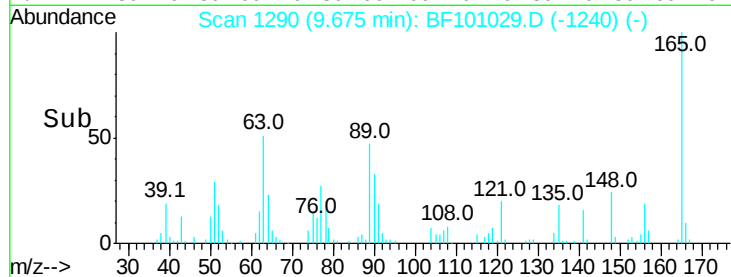
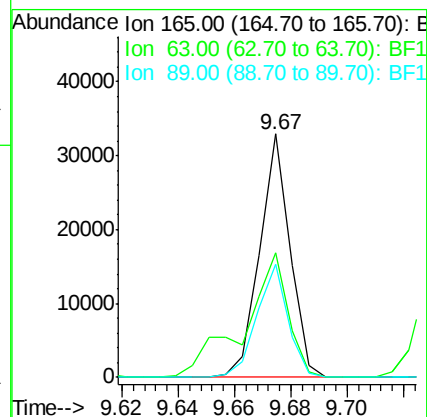
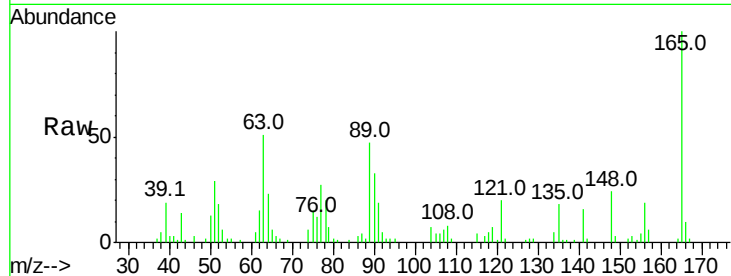




#50
 2,6-Dinitrotoluene
 Concen: 16.260 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. -0.01 min
 Lab File: BF101029.D
 Acq: 30 Nov 2017 20:38

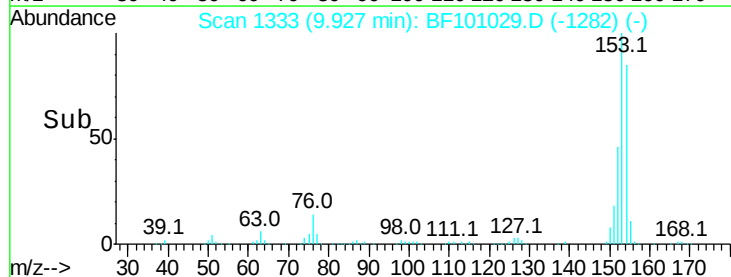
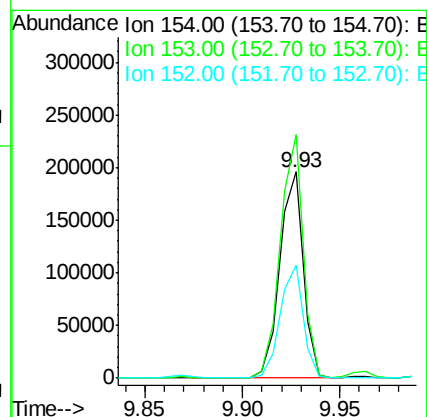
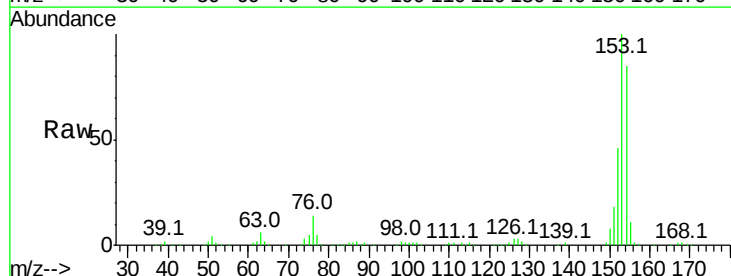
Instrument :
 BNA_F
 ClientSampled :

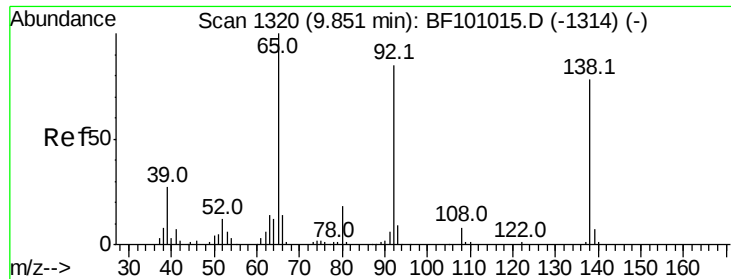
Tot Ion:165 Resp: 24513
 Ion Ratio Lower Upper
 165 100
 63 51.2 44.7 67.1
 89 46.6 44.0 66.0



#51
 Acenaphthene
 Concen: 28.849 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. 0.00 min
 Lab File: BF101029.D
 Acq: 30 Nov 2017 20:38

Tgt Ion:154 Resp: 163940
 Ion Ratio Lower Upper
 154 100
 153 118.1 91.2 136.8
 152 54.9 43.8 65.8

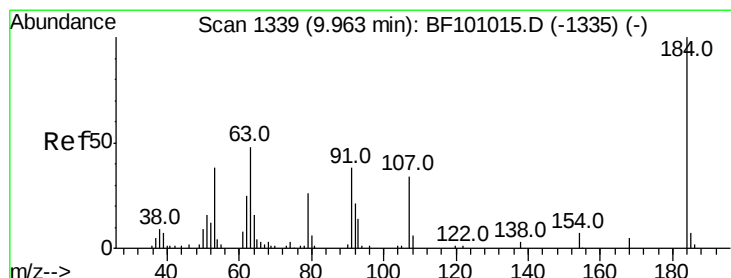
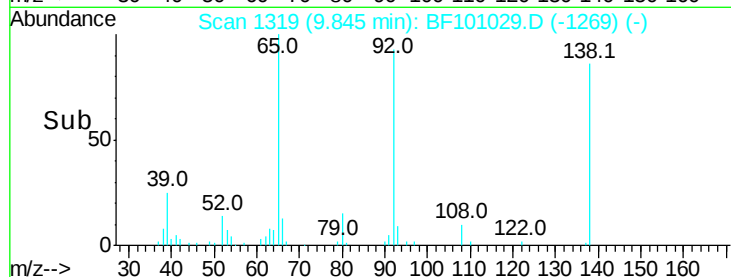
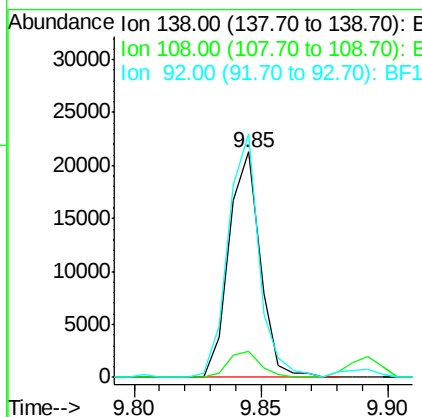
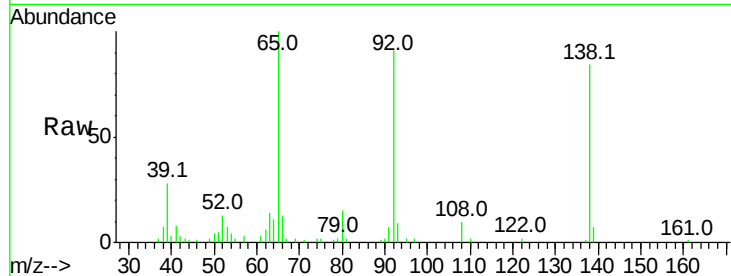




#52
3-Nitroaniline
Concen: 10.745 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF101029.D
Acq: 30 Nov 2017 20:38

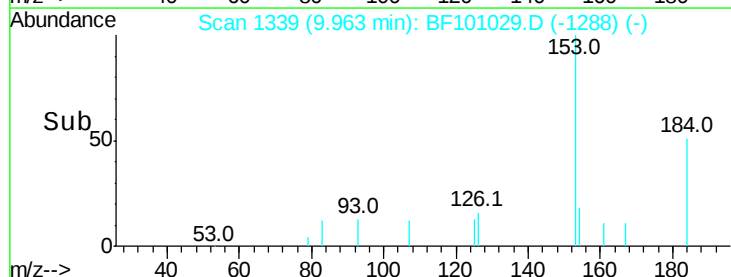
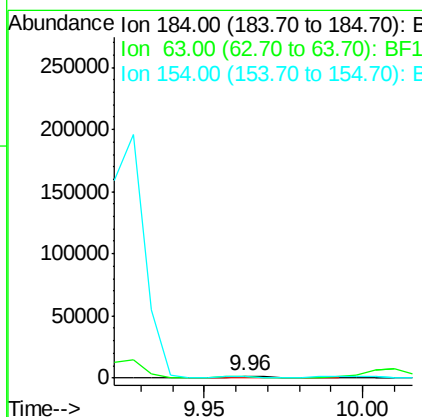
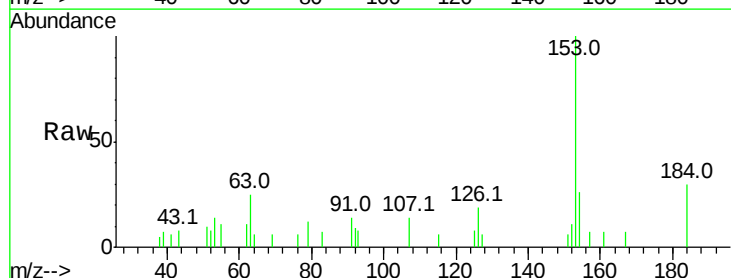
Instrument :
BNA_F
ClientSampleId :

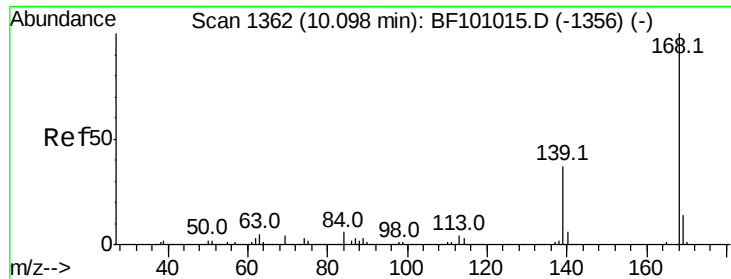
Tot Ion:138 Resp: 18216
Ion Ratio Lower Upper
138 100
108 11.4 9.4 14.0
92 108.1 89.4 134.2



#53
2,4-Dinitrophenol
Concen: 6.867 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF101029.D
Acq: 30 Nov 2017 20:38

Tgt Ion:184 Resp: 1683
Ion Ratio Lower Upper
184 100
63 82.0 54.2 81.2#
154 86.8 184.0 276.0#





#54

Dibenzofuran

Concen: 22.841 ng

RT: 10.10 min Scan# 1362

Delta R.T. 0.00 min

Lab File: BF101029.D

Acq: 30 Nov 2017 20:38

Instrument :

BNA_F

ClientSampleId :

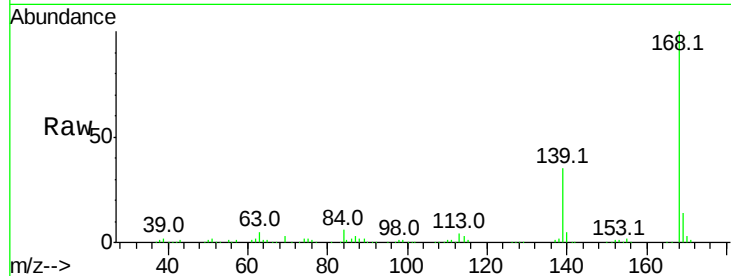
Tot Ion:168 Resp: 187053

Ion Ratio Lower Upper

168 100

139 34.9 30.1 45.1

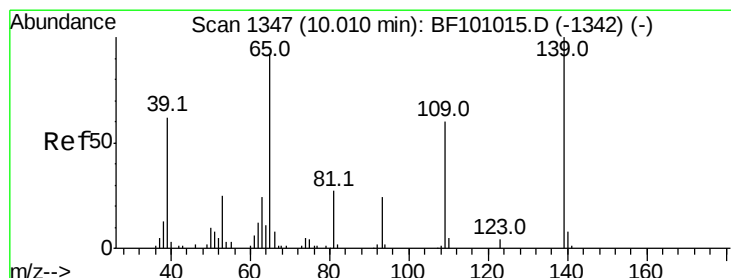
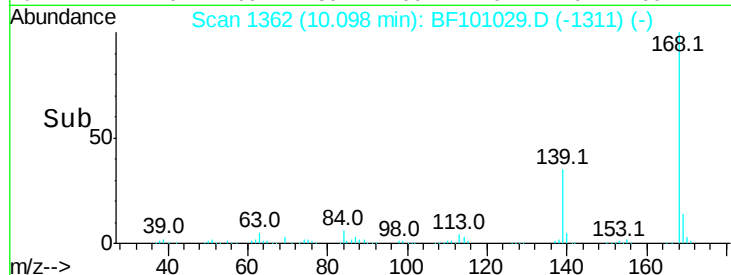
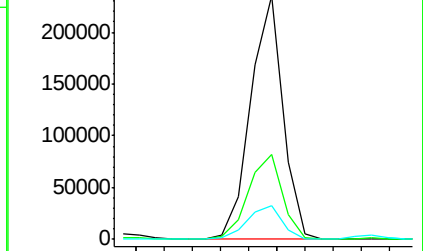
169 13.6 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 27.216 ng

RT: 10.01 min Scan# 1347

Delta R.T. 0.00 min

Lab File: BF101029.D

Acq: 30 Nov 2017 20:38

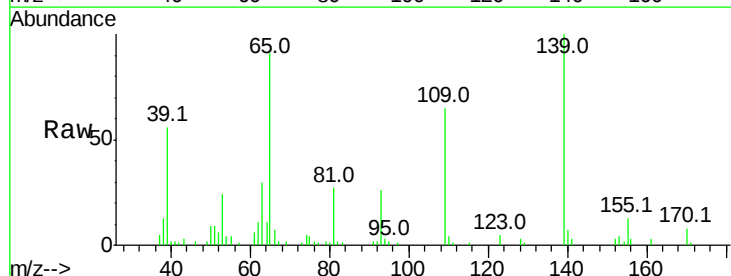
Tgt Ion:139 Resp: 31118

Ion Ratio Lower Upper

139 100

109 65.2 48.4 88.4

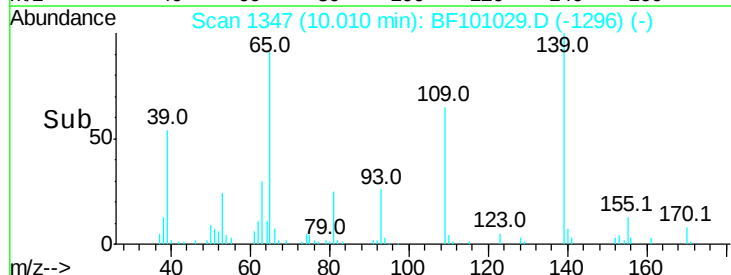
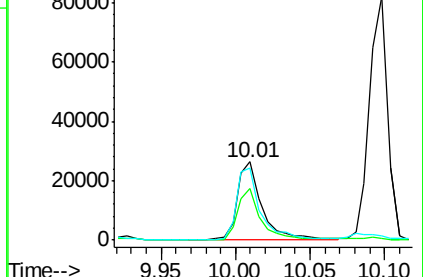
65 91.4 72.6 112.6

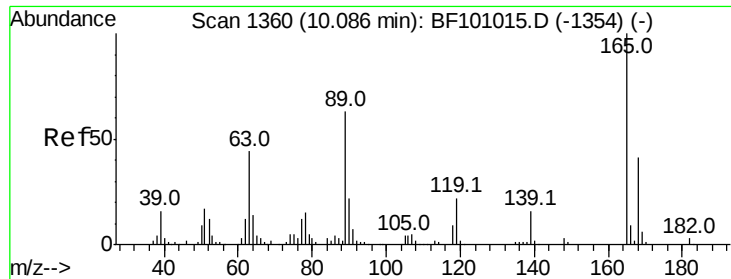


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

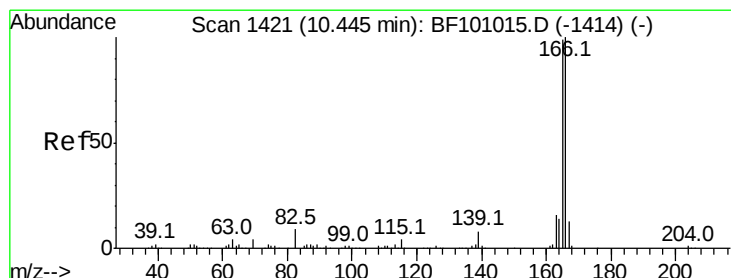
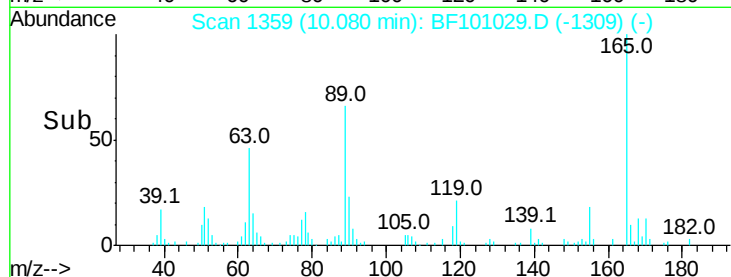
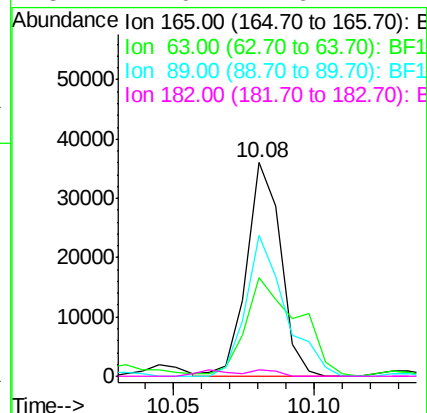
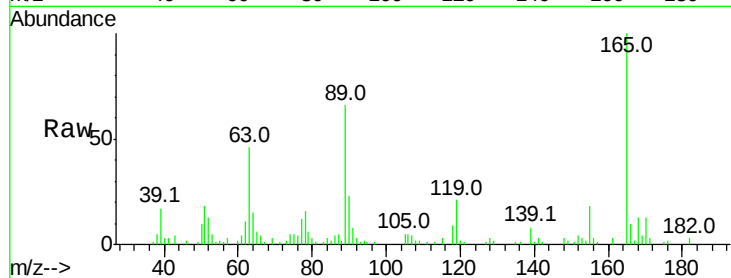




#56
2,4-Dinitrotoluene
Concen: 15.013 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF101029.D
Acq: 30 Nov 2017 20:38

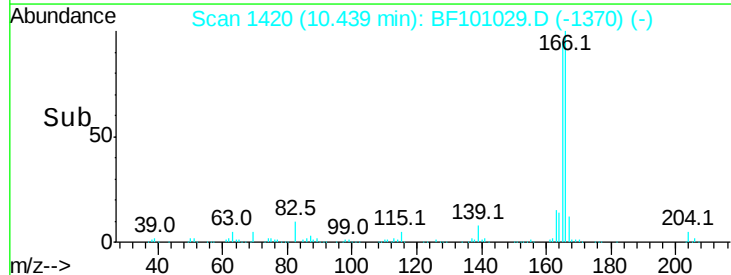
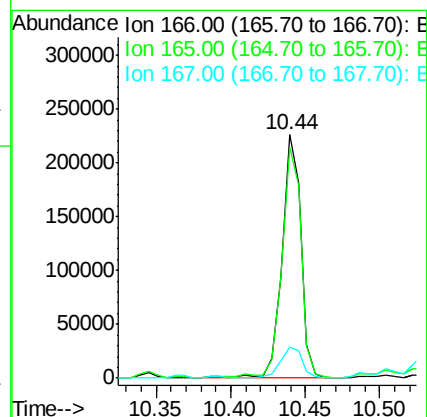
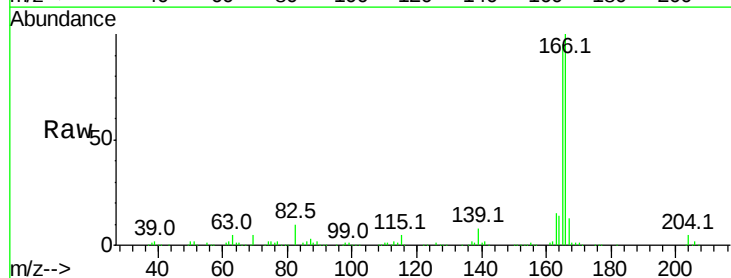
Instrument :
BNA_F
ClientSampled :

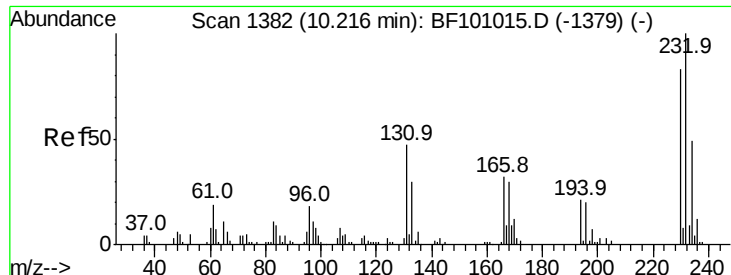
Tot Ion	Ratio	Lower	Upper
165	100		
63	46.3	36.4	54.6
89	65.7	57.8	86.6
182	2.9	1.6	2.4



#57
Fluorene
Concen: 29.727 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF101029.D
Acq: 30 Nov 2017 20:38

Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.6	79.8	119.8
167	12.8	10.6	16.0





#58

2,3,4,6-Tetrachlorophenol

Concen: 16.029 ng

RT: 10.22 min Scan# 1382

Delta R.T. 0.00 min

Lab File: BF101029.D

Acq: 30 Nov 2017 20:38

Instrument :

BNA_F

ClientSampled :

Tot Ion:232 Resp: 25932

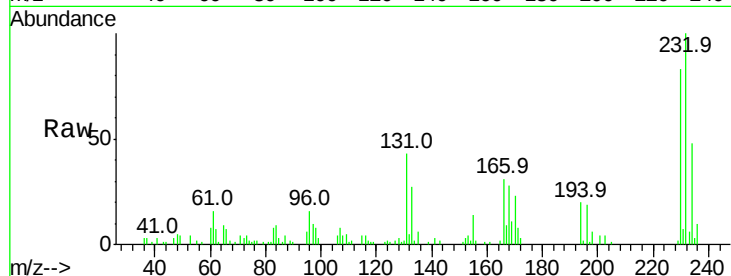
Ion Ratio Lower Upper

232 100

131 42.1 43.8 65.8#

130 2.0 2.1 3.1#

166 30.5 27.8 41.6

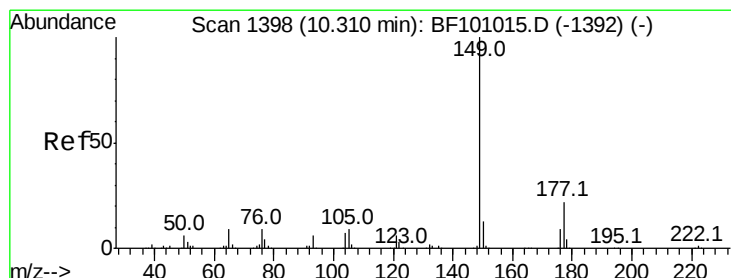
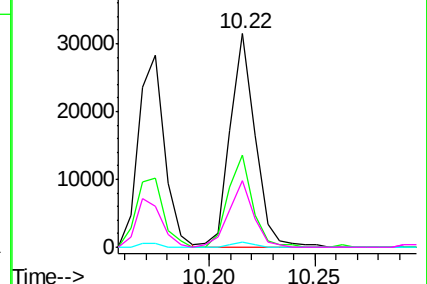
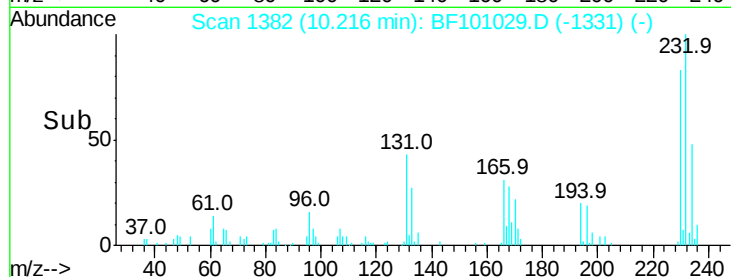


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59

Diethylphthalate

Concen: 16.457 ng

RT: 10.30 min Scan# 1397

Delta R.T. -0.01 min

Lab File: BF101029.D

Acq: 30 Nov 2017 20:38

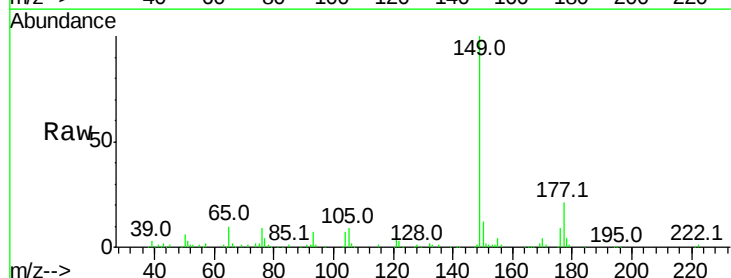
Tgt Ion:149 Resp: 116181

Ion Ratio Lower Upper

149 100

177 20.8 16.1 24.1

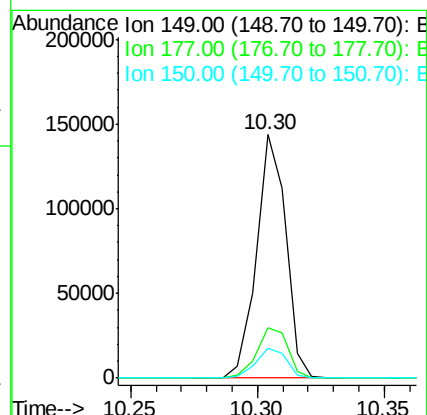
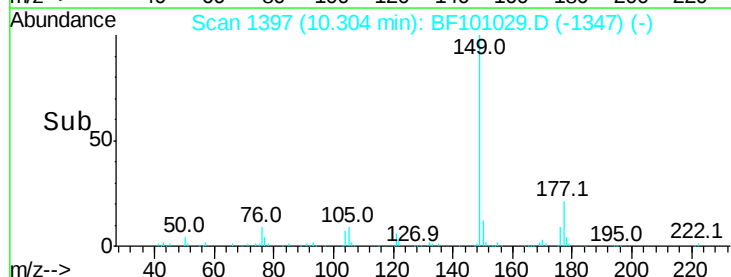
150 12.2 10.1 15.1

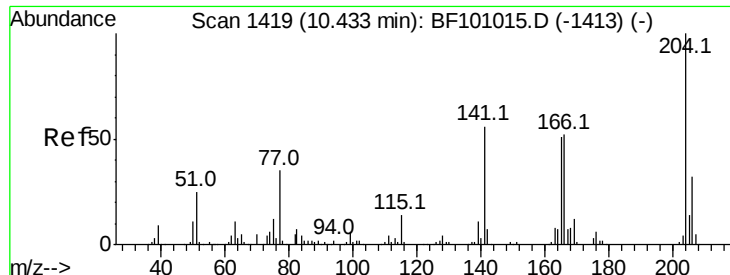


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

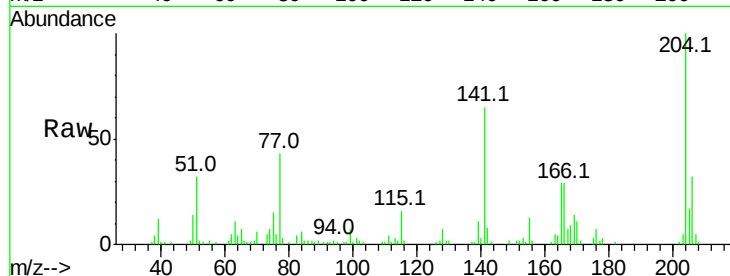




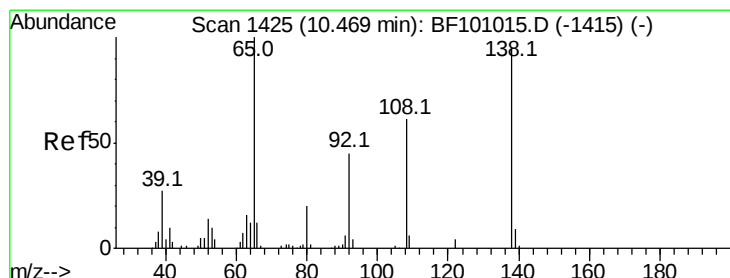
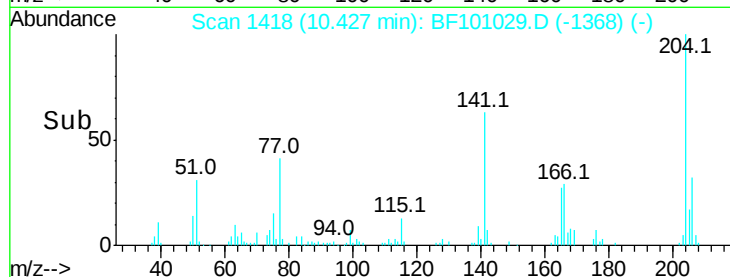
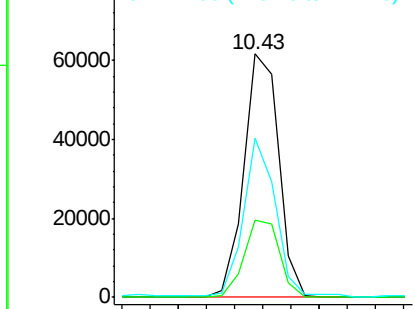
#60
4-Chlorophenyl-phenylether
Concen: 16.030 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF101029.D
Acq: 30 Nov 2017 20:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 52691
Ion Ratio Lower Upper
204 100
206 31.6 26.5 39.7
141 65.3 54.6 81.8

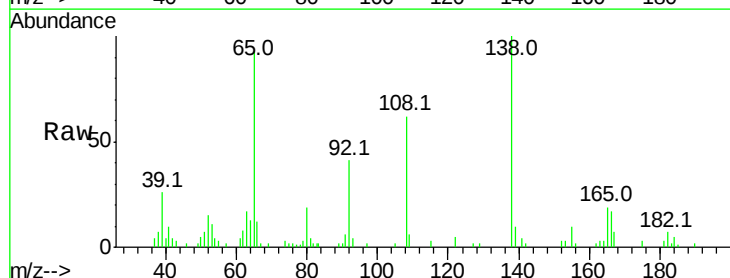


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

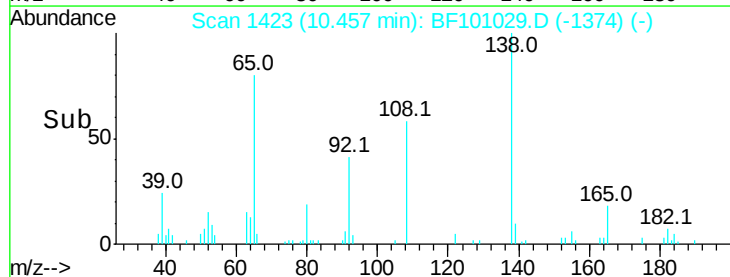
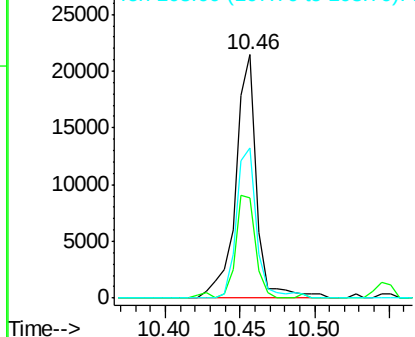


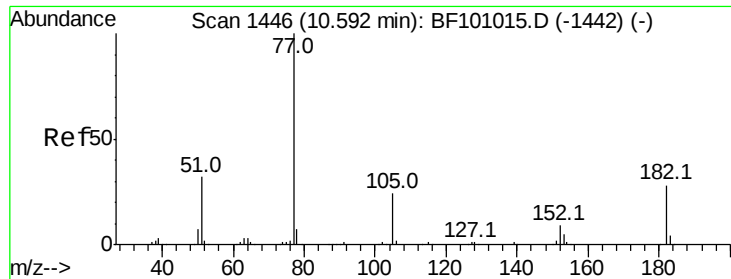
#61
4-Nitroaniline
Concen: 11.971 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF101029.D
Acq: 30 Nov 2017 20:38

Tgt Ion:138 Resp: 21067
Ion Ratio Lower Upper
138 100
92 40.9 30.2 70.2
108 61.9 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

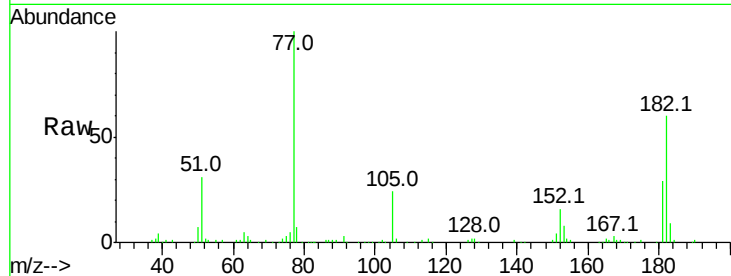




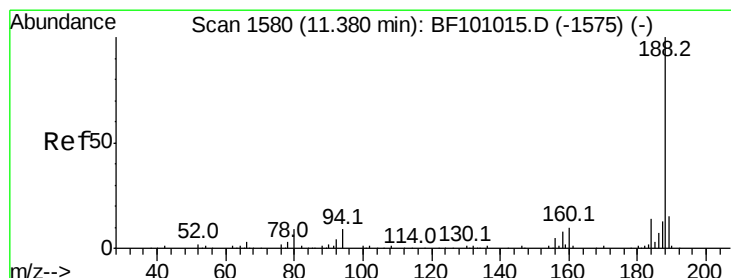
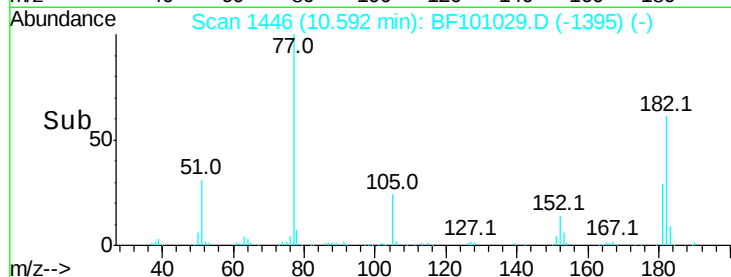
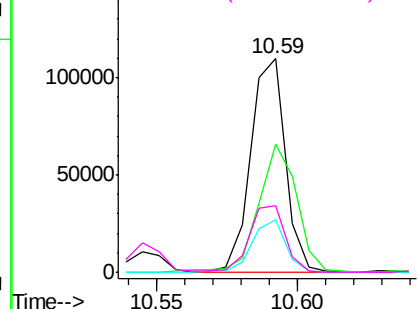
#62
Azobenzene
Concen: 15.674 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.00 min
Lab File: BF101029.D
Acq: 30 Nov 2017 20:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 93909
Ion Ratio Lower Upper
77 100
182 60.0 1.7 41.7#
105 24.4 3.0 43.0
51 31.0 9.9 49.9

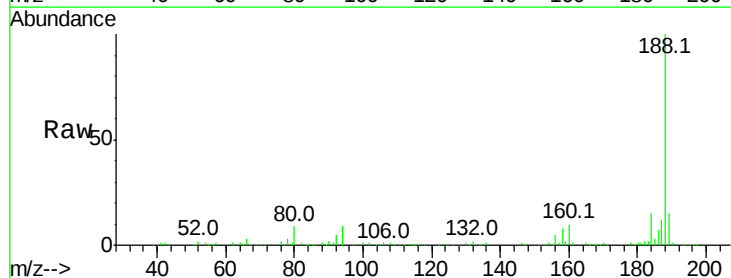


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

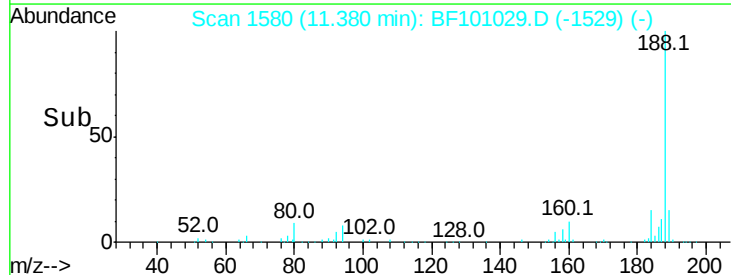
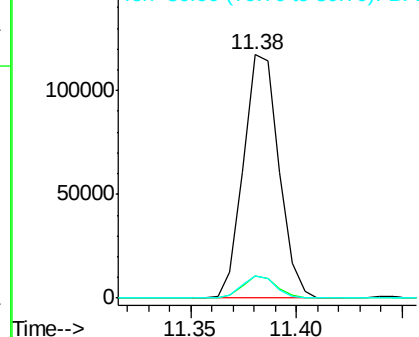


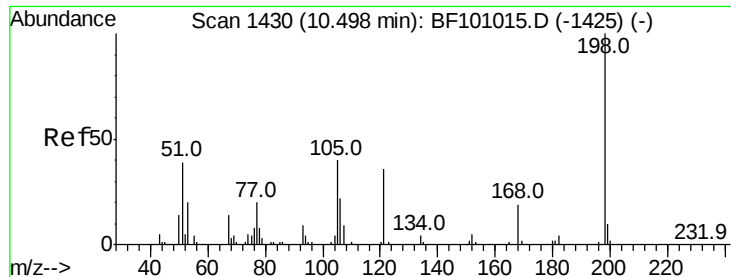
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF101029.D
Acq: 30 Nov 2017 20:38

Tgt Ion: 188 Resp: 136713
Ion Ratio Lower Upper
188 100
94 8.9 8.5 12.7
80 9.3 9.2 13.8



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

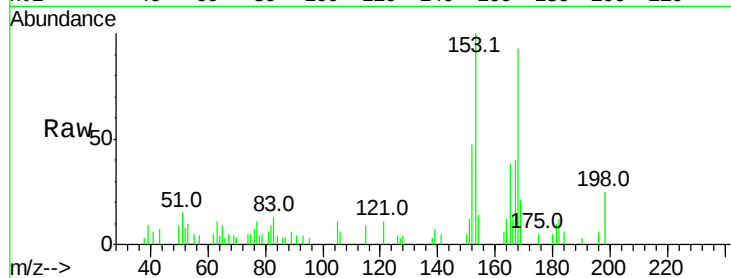




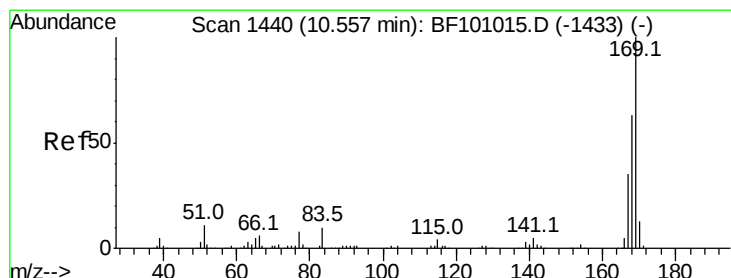
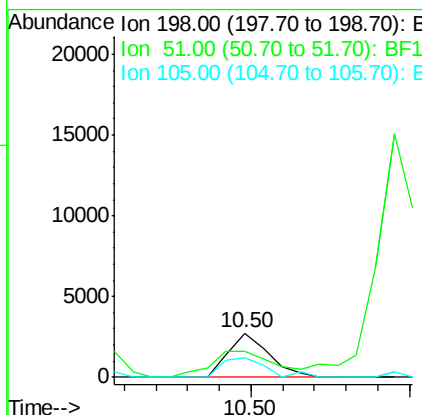
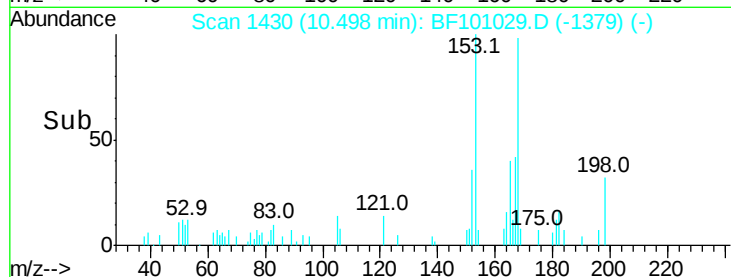
#64
4,6-Dinitro-2-methylphenol
Concen: 2.625 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.00 min
Lab File: BF101029.D
Acq: 30 Nov 2017 20:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 2407
Ion Ratio Lower Upper
198 100
51 60.3 37.7 77.7
105 43.6 36.3 76.3

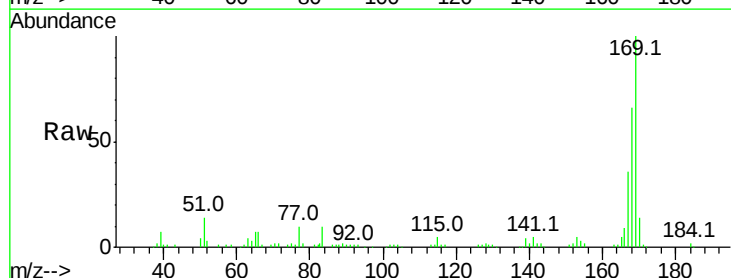


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

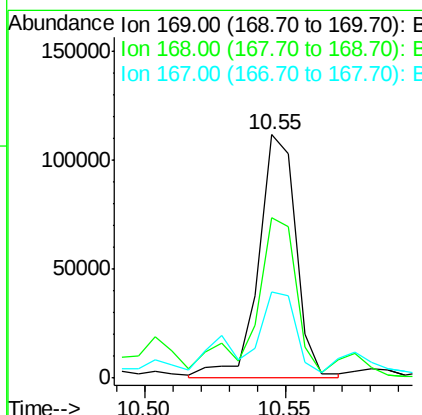
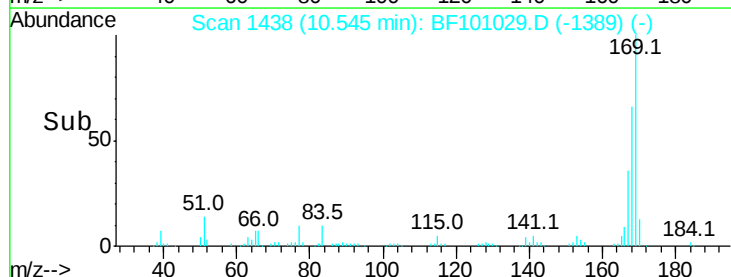


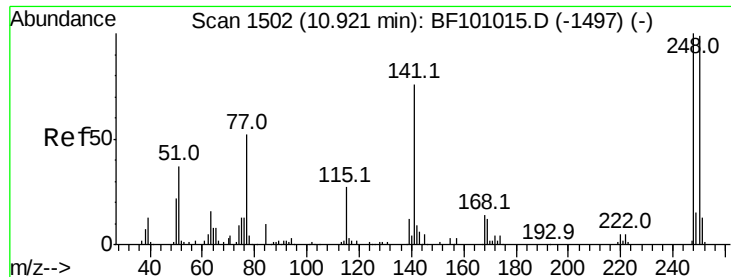
#65
n-Nitrosodiphenylamine
Concen: 21.281 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF101029.D
Acq: 30 Nov 2017 20:38

Tgt Ion:169 Resp: 102639
Ion Ratio Lower Upper
169 100
168 66.1 54.4 81.6
167 35.6 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

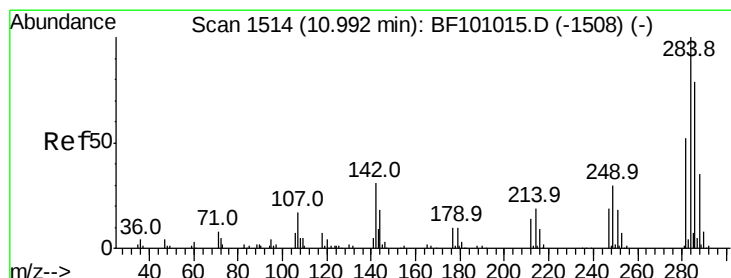
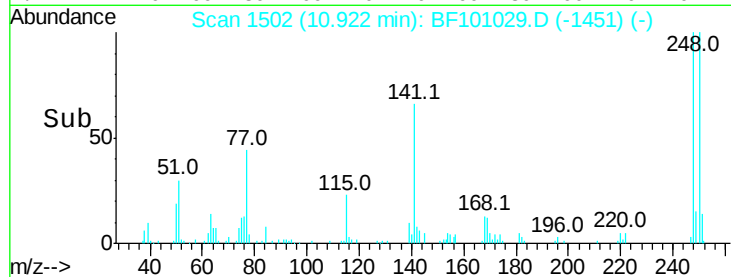
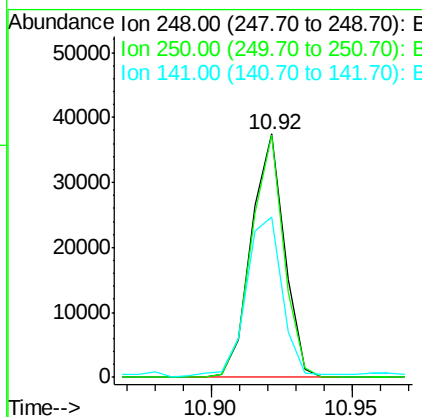
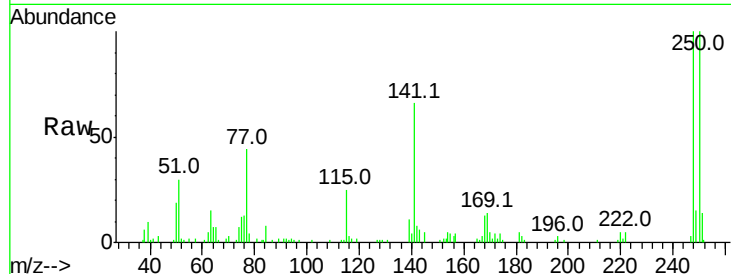




#66
 4-Bromophenyl-phenylether
 Concen: 19.893 ng
 RT: 10.92 min Scan# 1502
 Delta R.T. 0.00 min
 Lab File: BF101029.D
 Acq: 30 Nov 2017 20:38

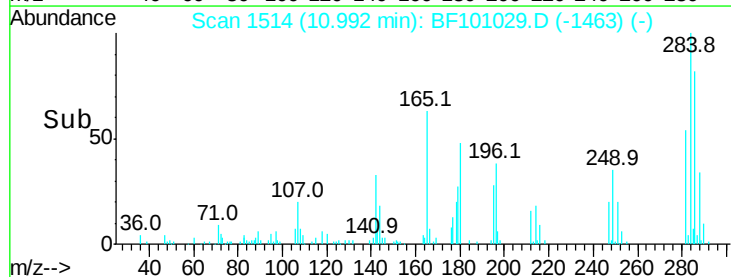
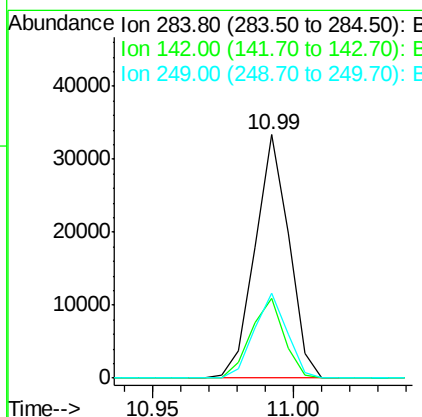
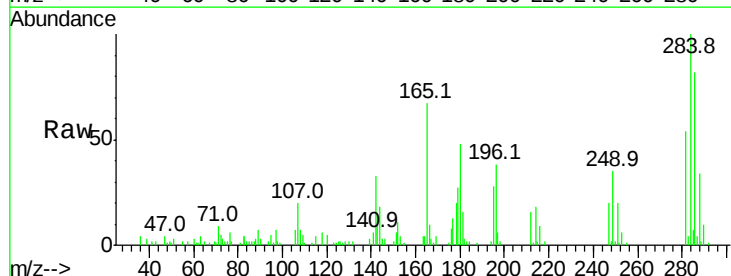
Instrument :
 BNA_F
 ClientSampled :

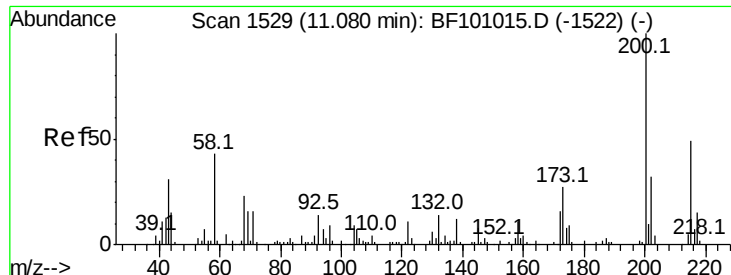
Tot Ion:248 Resp: 30442
 Ion Ratio Lower Upper
 248 100
 250 99.7 76.9 115.3
 141 65.8 74.4 111.6#



#67
 Hexachlorobenzene
 Concen: 16.936 ng
 RT: 10.99 min Scan# 1514
 Delta R.T. 0.00 min
 Lab File: BF101029.D
 Acq: 30 Nov 2017 20:38

Tgt Ion:284 Resp: 27776
 Ion Ratio Lower Upper
 284 100
 142 32.9 34.6 52.0#
 249 35.0 24.8 37.2

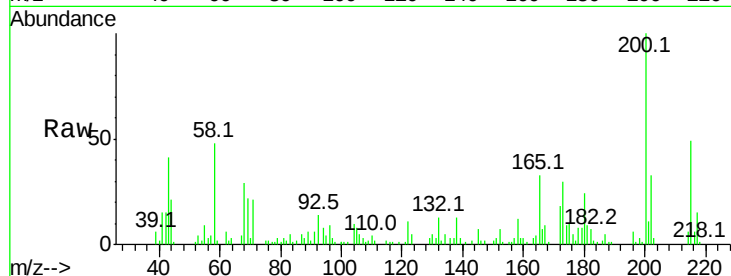




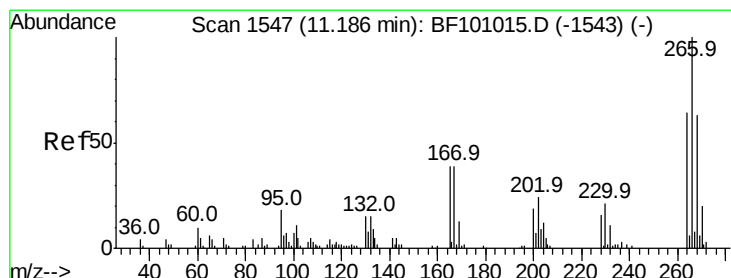
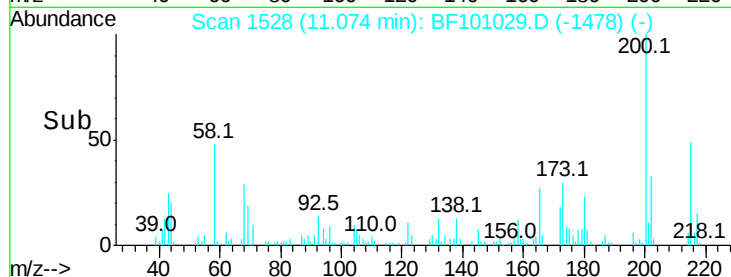
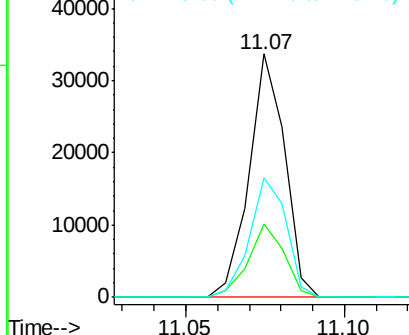
#68
Atrazine
Concen: 17.734 ng
RT: 11.07 min Scan# 1528
Delta R.T. -0.01 min
Lab File: BF101029.D
Acq: 30 Nov 2017 20:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	30.2	8.6	48.6
215	49.0	25.1	65.1

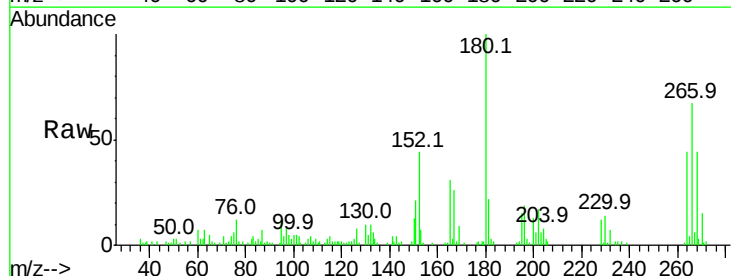


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

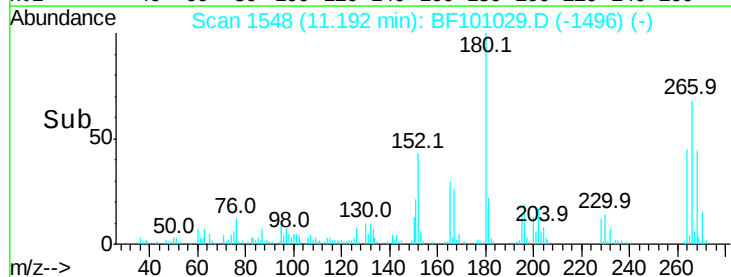
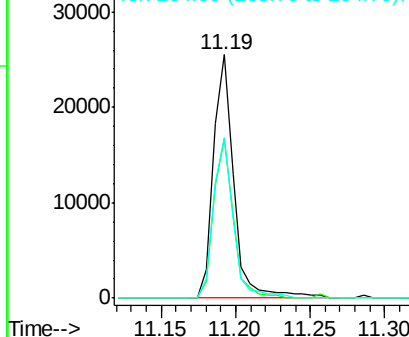


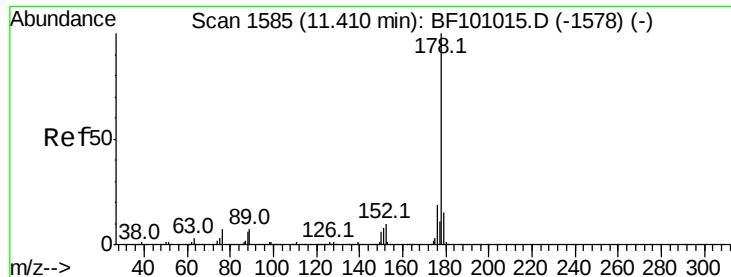
#69
Pentachlorophenol
Concen: 26.870 ng
RT: 11.19 min Scan# 1548
Delta R.T. 0.01 min
Lab File: BF101029.D
Acq: 30 Nov 2017 20:38

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.5	51.1	76.7
264	65.7	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: 169.481 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.01 min

Lab File: BF101029.D

Acq: 30 Nov 2017 20:38

Instrument :

BNA_F

ClientSampled :

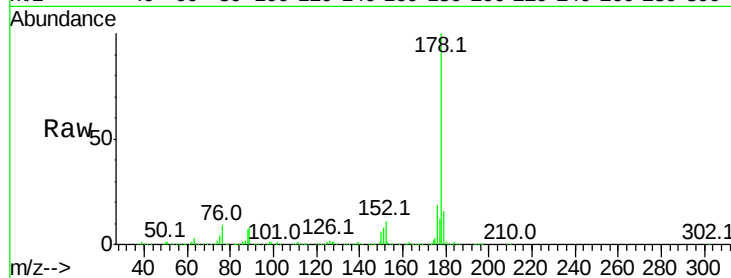
Tot Ion:178 Resp: 1275976

Ion Ratio Lower Upper

178 100

176 19.2 15.8 23.8

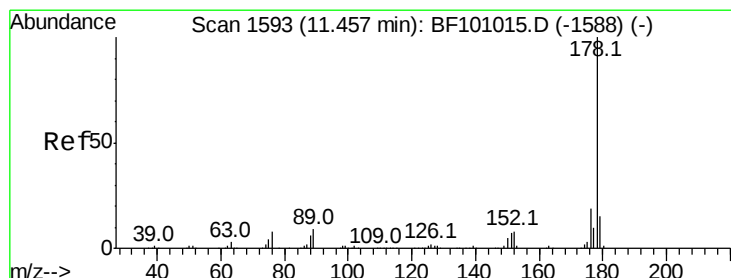
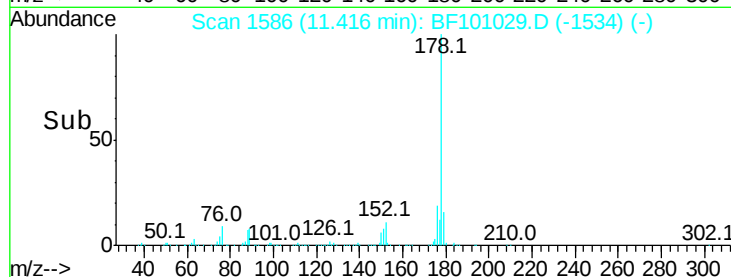
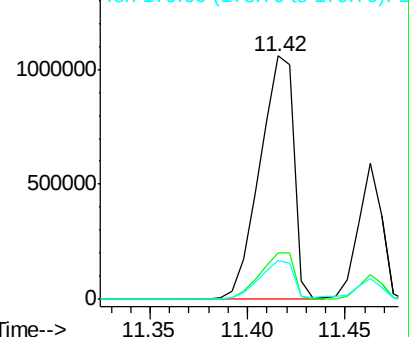
179 15.7 13.0 19.6



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: 63.984 ng

RT: 11.46 min Scan# 1594

Delta R.T. 0.01 min

Lab File: BF101029.D

Acq: 30 Nov 2017 20:38

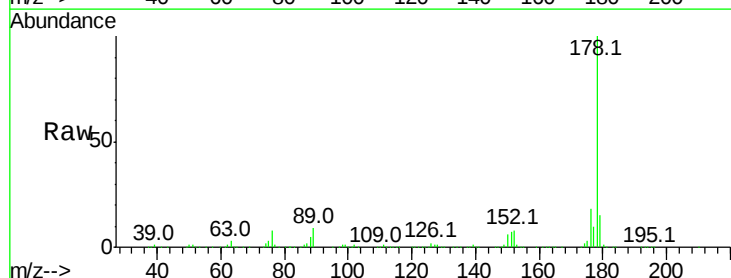
Tgt Ion:178 Resp: 487542

Ion Ratio Lower Upper

178 100

176 18.5 15.4 23.2

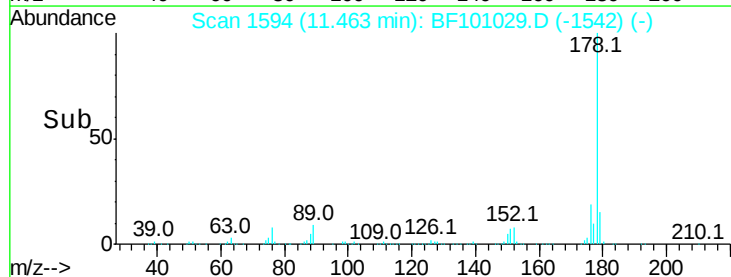
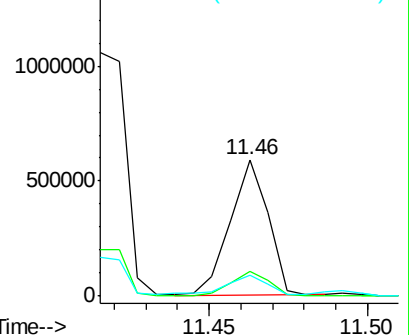
179 15.2 12.6 19.0

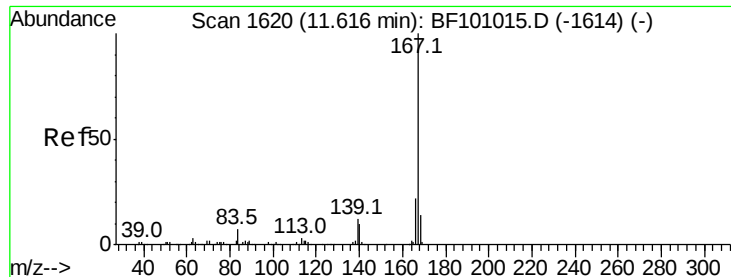


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 25.211 ng

RT: 11.62 min Scan# 1620

Delta R.T. 0.00 min

Lab File: BF101029.D

Acq: 30 Nov 2017 20:38

Instrument :

BNA_F

ClientSampleId :

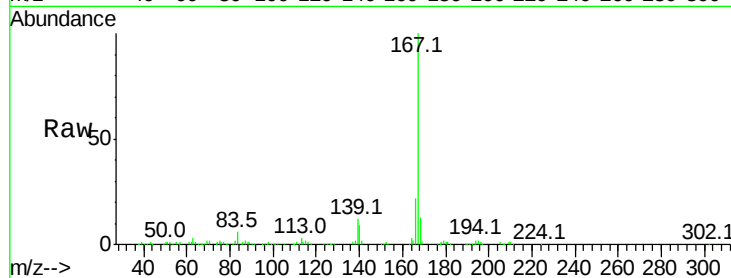
Tot Ion:167 Resp: 175516

Ion Ratio Lower Upper

167 100

166 22.2 17.6 26.4

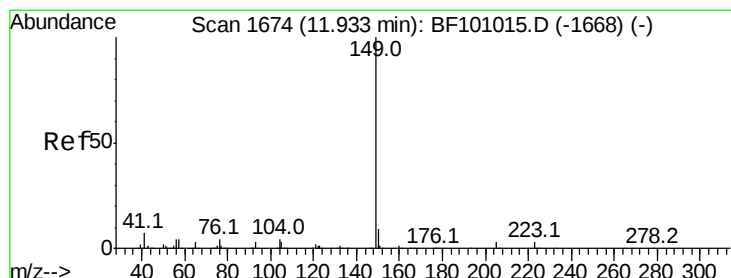
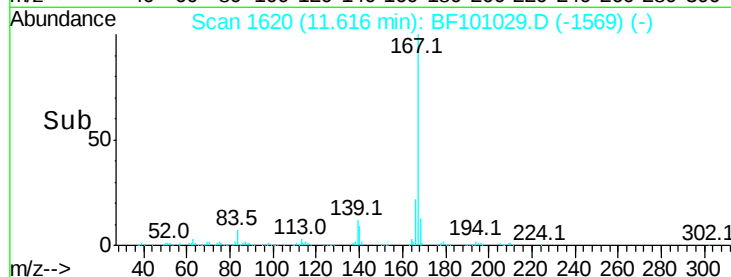
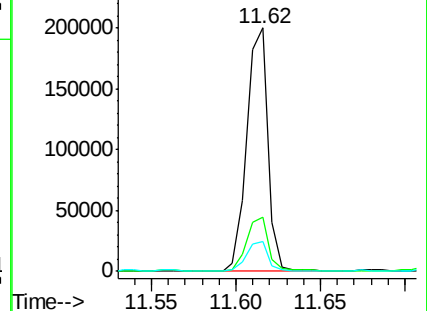
139 12.1 10.9 16.3



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



#73

Di-n-butylphthalate

Concen: 17.443 ng

RT: 11.93 min Scan# 1674

Delta R.T. 0.00 min

Lab File: BF101029.D

Acq: 30 Nov 2017 20:38

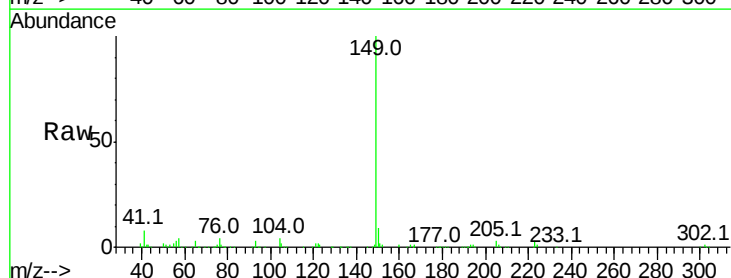
Tgt Ion:149 Resp: 152212

Ion Ratio Lower Upper

149 100

150 8.8 7.8 11.6

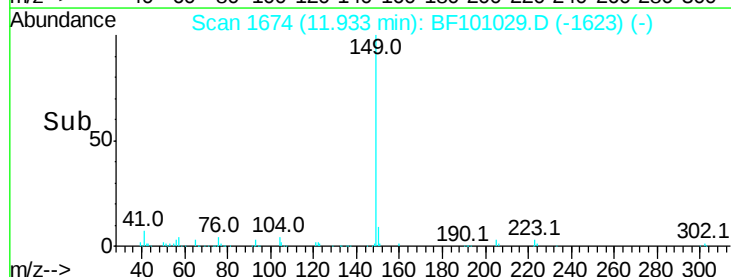
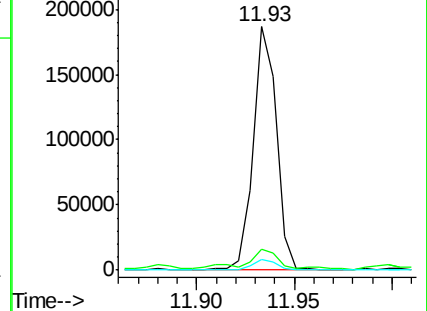
104 4.4 3.8 5.8

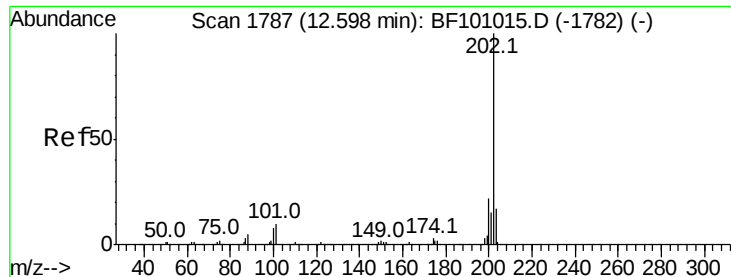


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 247.450 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.02 min

Lab File: BF101029.D

Acq: 30 Nov 2017 20:38

Instrument :

BNA_F

ClientSampleId :

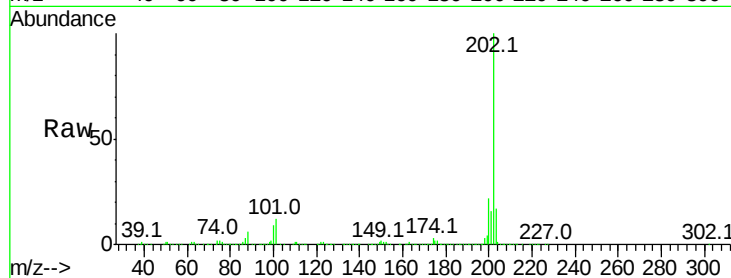
Tot Ion:202 Resp: 2065086

Ion Ratio Lower Upper

202 100

101 11.6 0.0 34.1

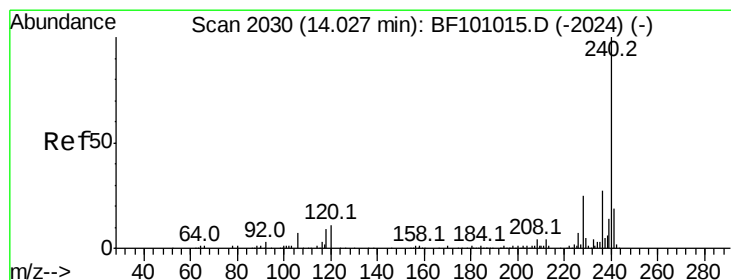
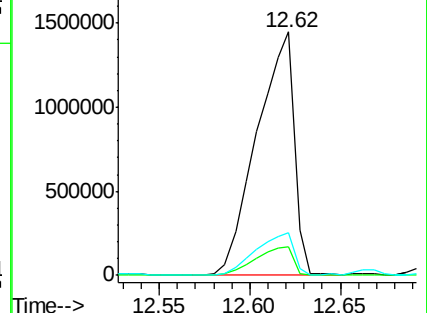
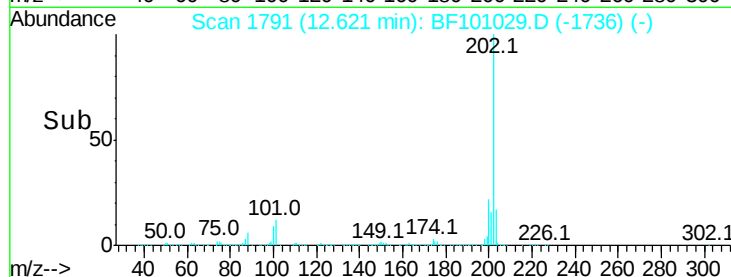
203 17.4 0.0 38.1



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: 20.000 ng

RT: 14.04 min Scan# 2033

Delta R.T. 0.02 min

Lab File: BF101029.D

Acq: 30 Nov 2017 20:38

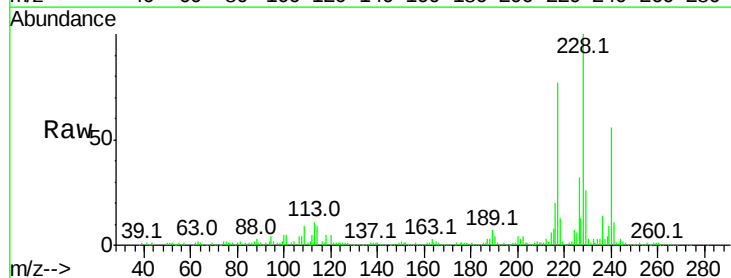
Tgt Ion:240 Resp: 104665

Ion Ratio Lower Upper

240 100

120 9.2 9.5 14.3#

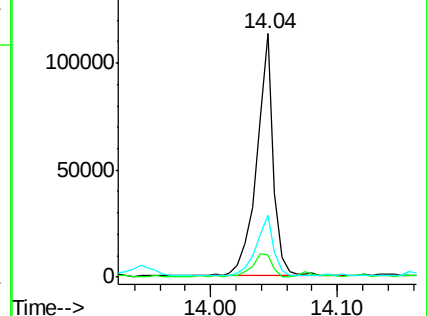
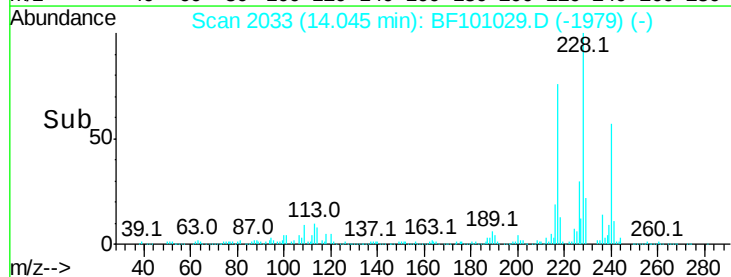
236 25.4 20.7 31.1

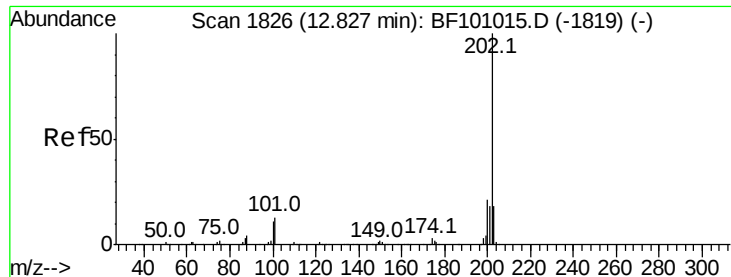


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 265.899 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.02 min

Lab File: BF101029.D

Acq: 30 Nov 2017 20:38

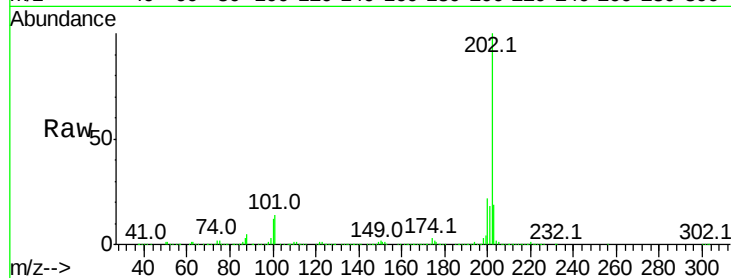
Instrument :

BNA_F

ClientSampleId :

Tot Ion:202 Resp: 1920379

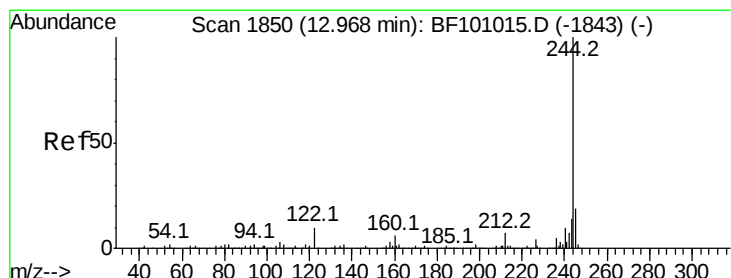
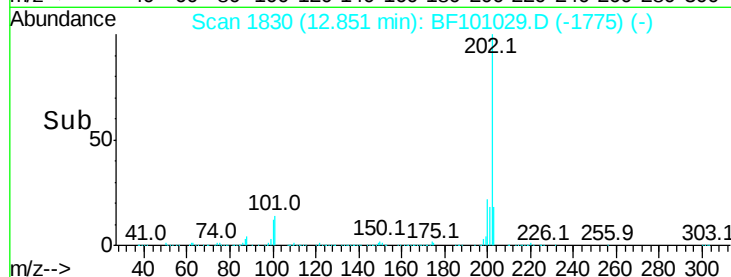
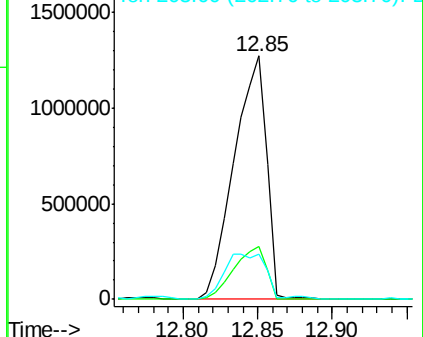
Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.4	26.2
203	18.5	14.3	21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 37.964 ng

RT: 12.96 min Scan# 1849

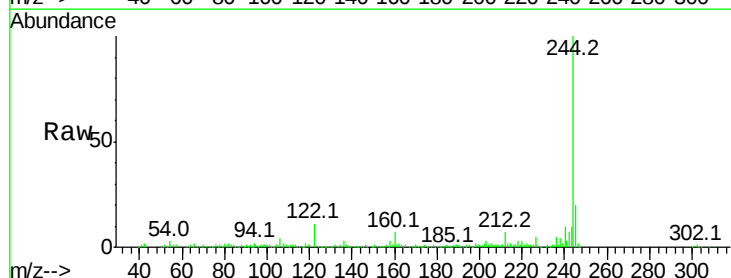
Delta R.T. -0.01 min

Lab File: BF101029.D

Acq: 30 Nov 2017 20:38

Tgt Ion:244 Resp: 181666

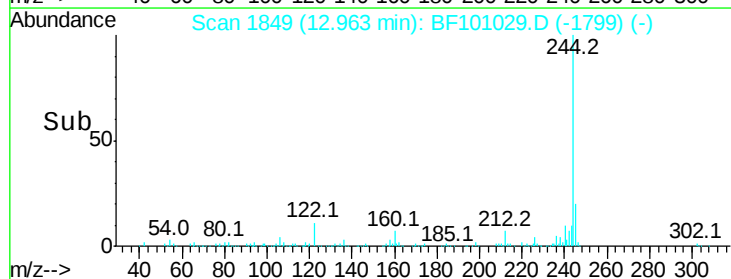
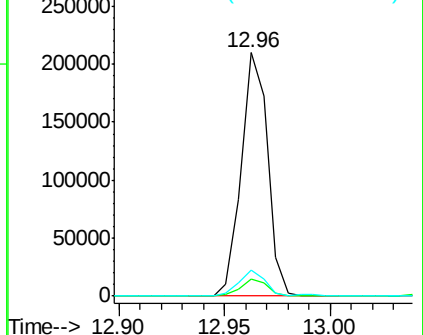
Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	10.6	11.0	16.4

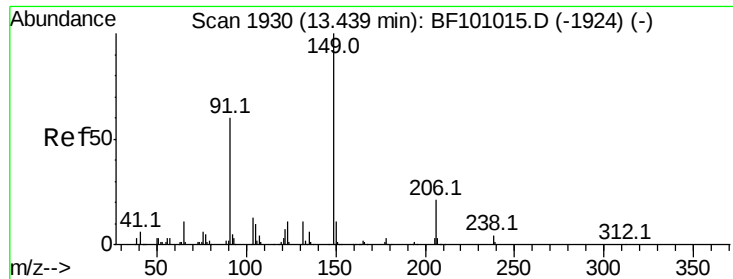


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

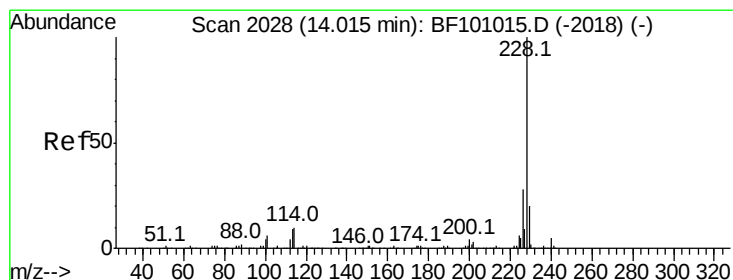
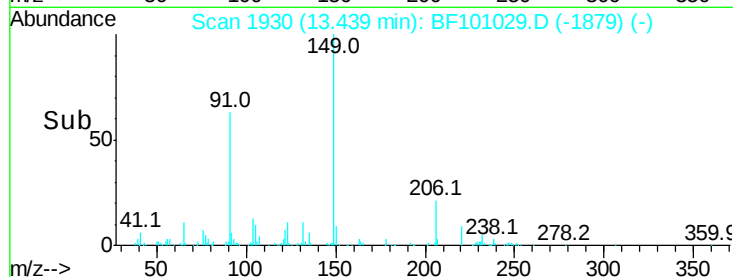
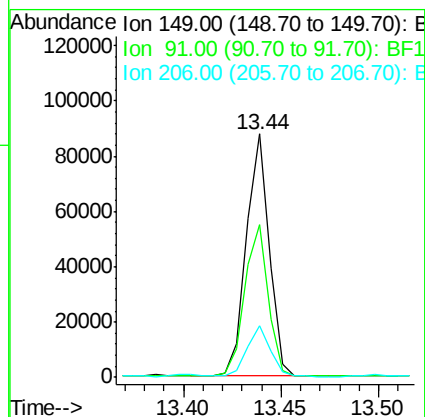
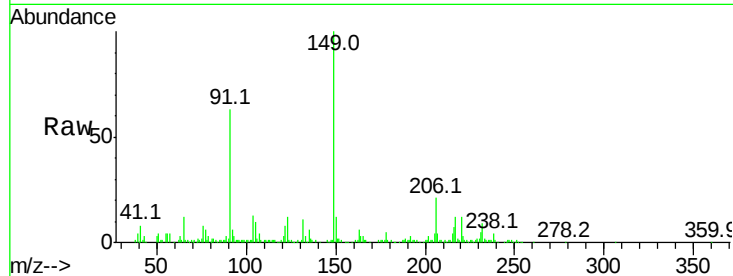




#79
Butylbenzylphthalate
Concen: 22.420 ng
RT: 13.44 min Scan# 1930
Delta R.T. 0.00 min
Lab File: BF101029.D
Acq: 30 Nov 2017 20:38

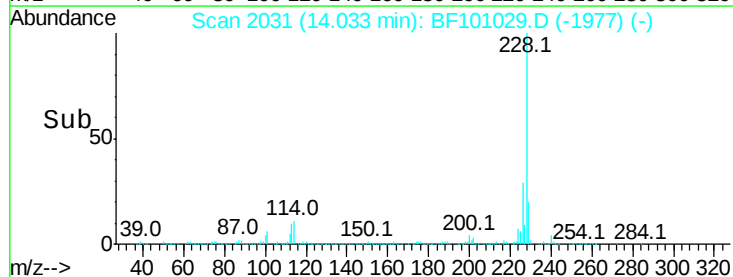
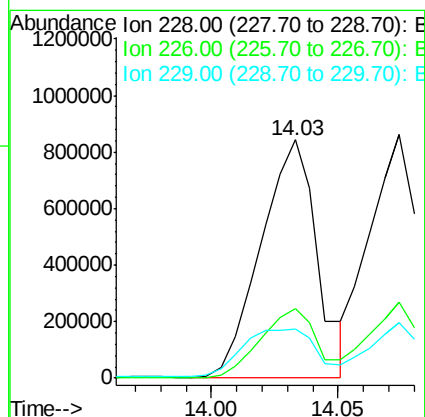
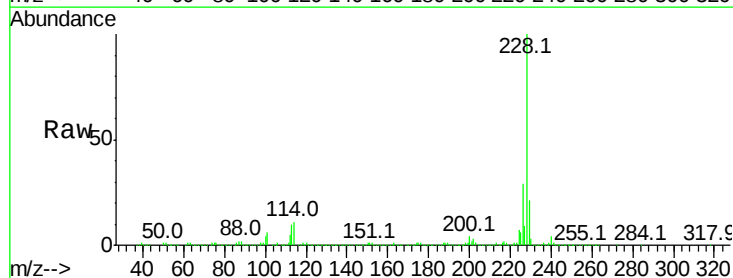
Instrument :
BNA_F
ClientSampled :

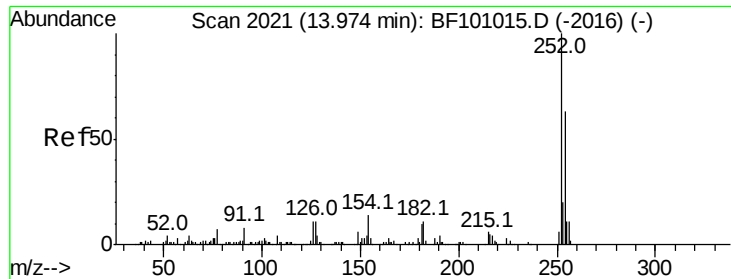
Tot Ion:149 Resp: 71391
Ion Ratio Lower Upper
149 100
91 62.9 56.8 85.2
206 21.4 14.1 21.1#



#80
Benzo(a)anthracene
Concen: 196.437 ng
RT: 14.03 min Scan# 2031
Delta R.T. 0.02 min
Lab File: BF101029.D
Acq: 30 Nov 2017 20:38

Tgt Ion:228 Resp: 1298130
Ion Ratio Lower Upper
228 100
226 29.4 22.6 33.8
229 20.7 15.8 23.6

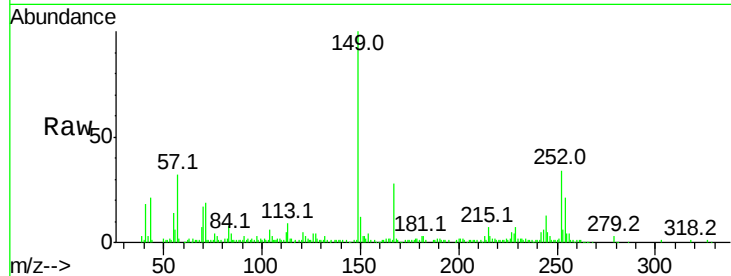




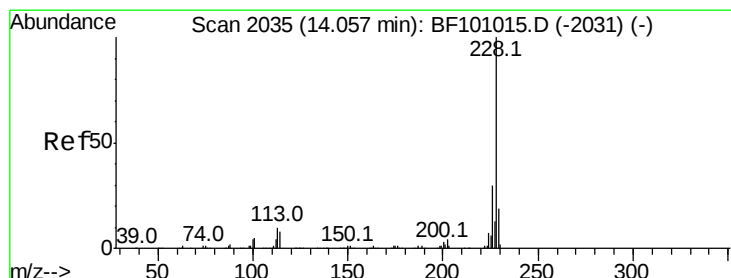
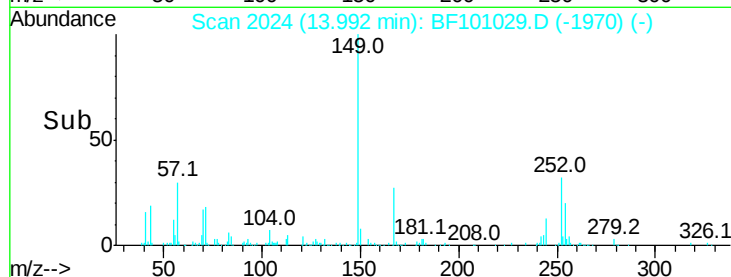
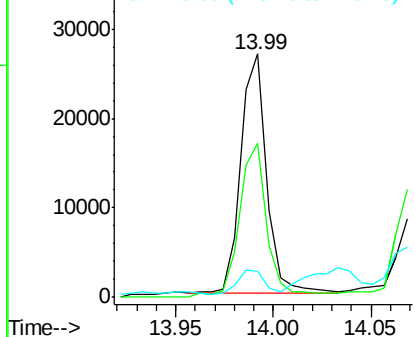
#81
 3,3'-Dichlorobenzidine
 Concen: 10.842 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. 0.02 min
 Lab File: BF101029.D
 Acq: 30 Nov 2017 20:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 24813
 Ion Ratio Lower Upper
 252 100
 254 63.1 50.4 75.6
 126 10.6 11.3 16.9#

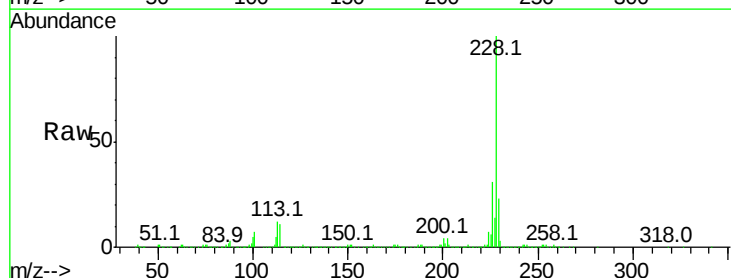


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

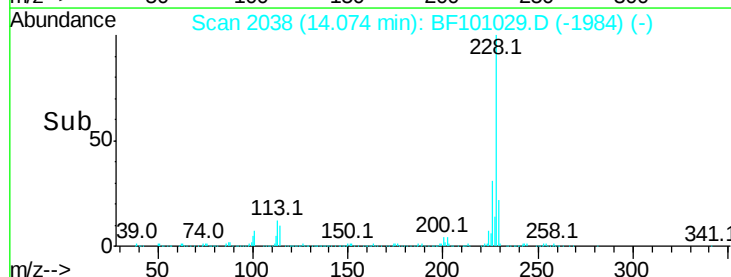
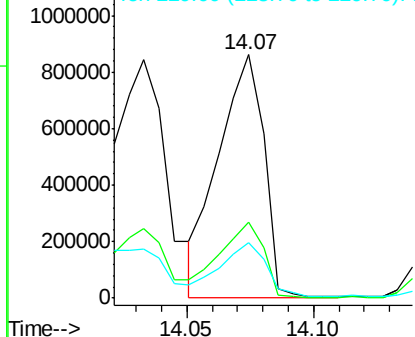


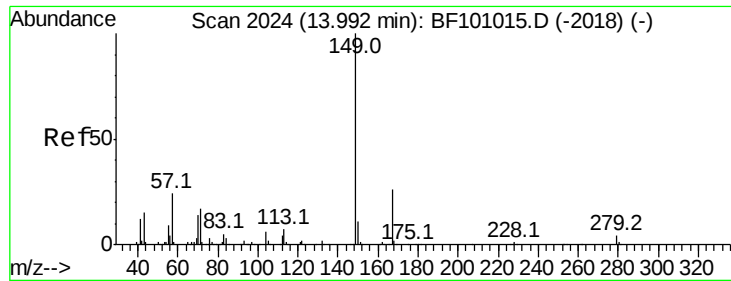
#82
 Chrysene
 Concen: 173.403 ng
 RT: 14.07 min Scan# 2038
 Delta R.T. 0.02 min
 Lab File: BF101029.D
 Acq: 30 Nov 2017 20:38

Tgt Ion:228 Resp: 1064228
 Ion Ratio Lower Upper
 228 100
 226 30.9 25.0 37.6
 229 22.9 16.2 24.4



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

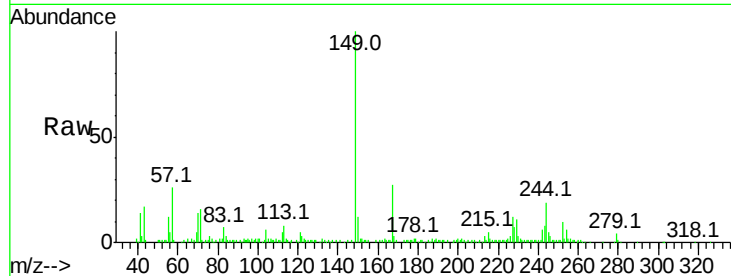




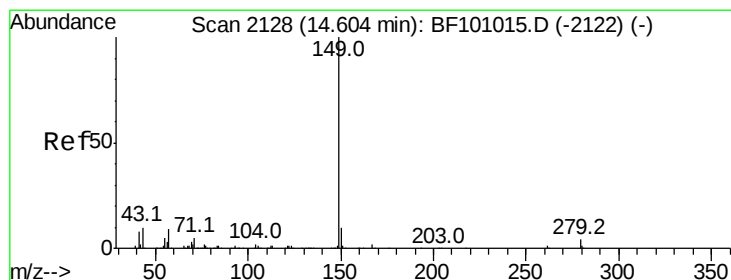
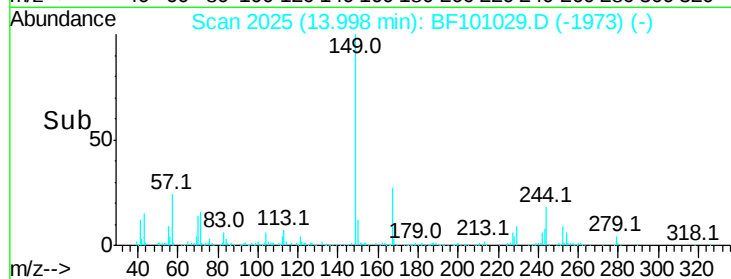
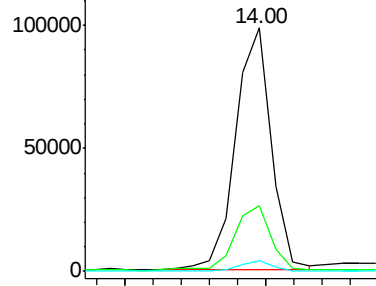
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 18.933 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. 0.01 min
 Lab File: BF101029.D
 Acq: 30 Nov 2017 20:38

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:149 Resp: 85960
 Ion Ratio Lower Upper
 149 100
 167 27.1 21.3 31.9
 279 4.3 3.0 4.4

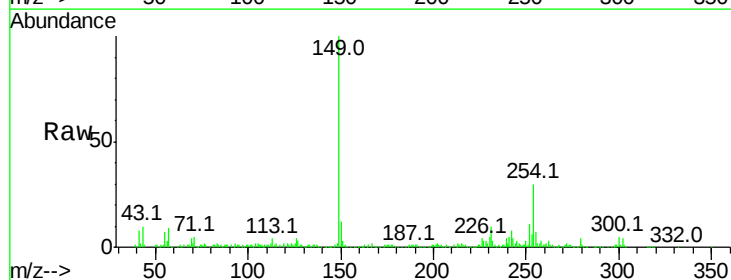


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

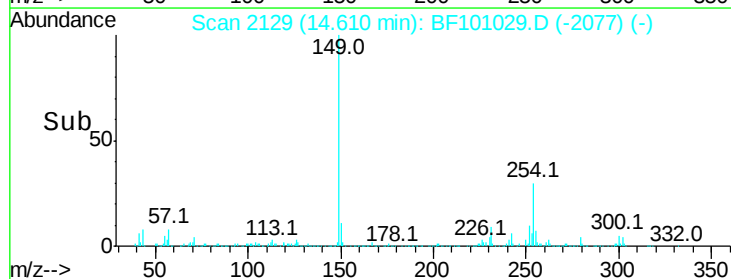
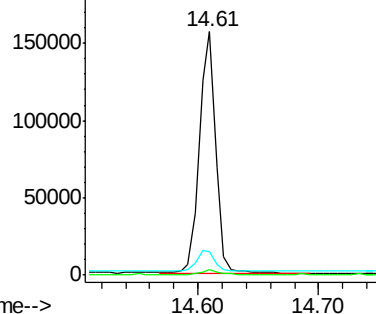


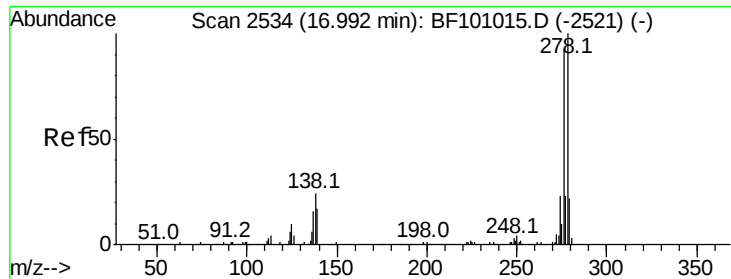
#84
 Di-n-octyl phthalate
 Concen: 19.763 ng
 RT: 14.61 min Scan# 2129
 Delta R.T. 0.01 min
 Lab File: BF101029.D
 Acq: 30 Nov 2017 20:38

Tgt Ion:149 Resp: 149396
 Ion Ratio Lower Upper
 149 100
 167 2.0 1.2 1.8#
 43 9.1 8.4 12.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF1

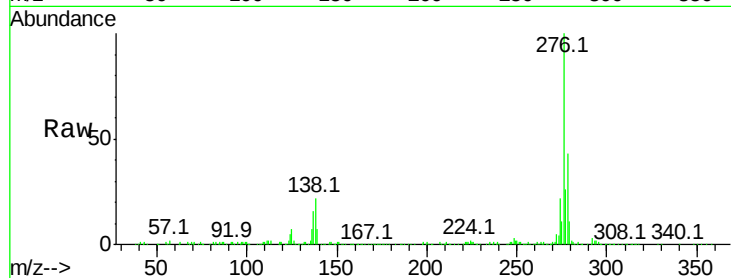




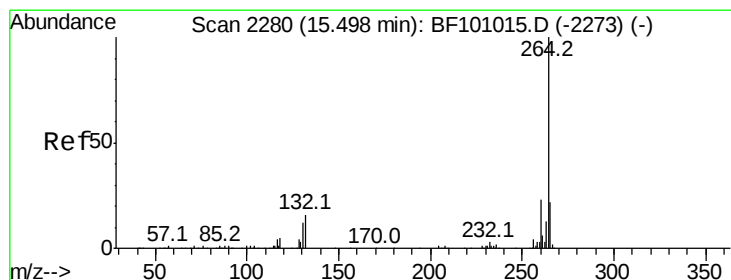
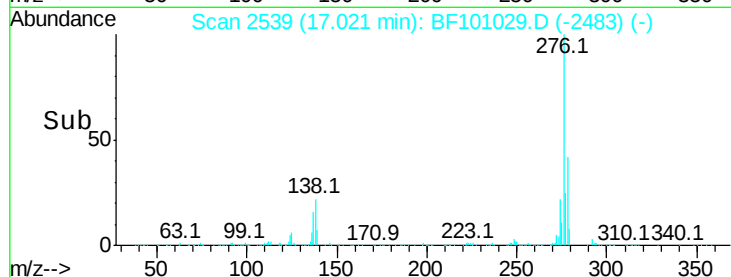
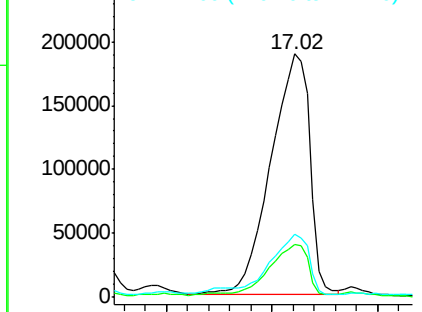
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 88.591 ng
 RT: 17.02 min Scan# 2539
 Delta R.T. 0.03 min
 Lab File: BF101029.D
 Acq: 30 Nov 2017 20:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 483383
 Ion Ratio Lower Upper
 276 100
 138 21.6 25.0 37.6#
 277 26.4 20.1 30.1

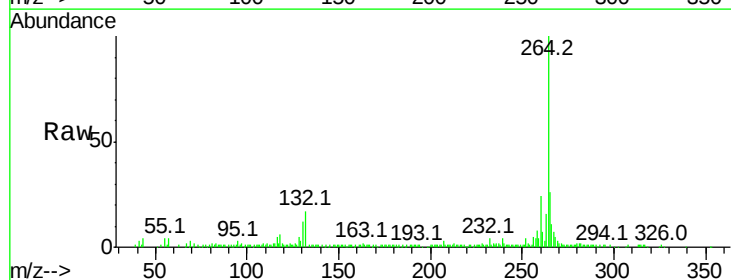


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

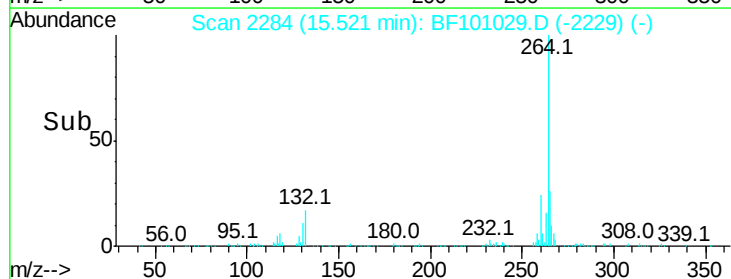
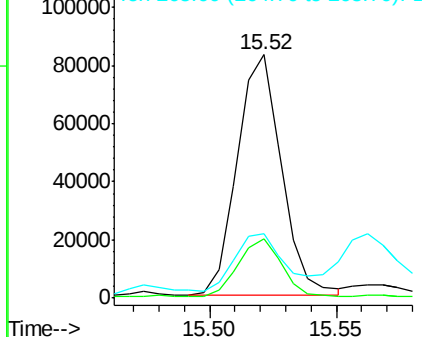


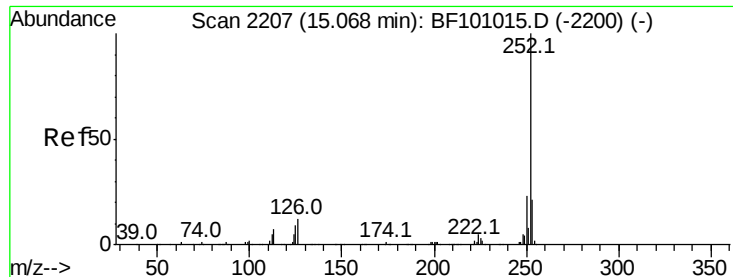
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.52 min Scan# 2284
 Delta R.T. 0.02 min
 Lab File: BF101029.D
 Acq: 30 Nov 2017 20:38

Tgt Ion:264 Resp: 101060
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.2 28.8
 265 26.4 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

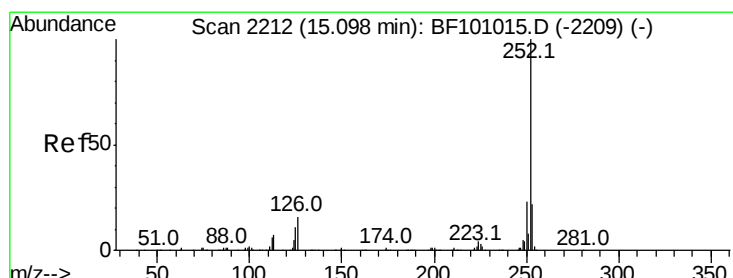
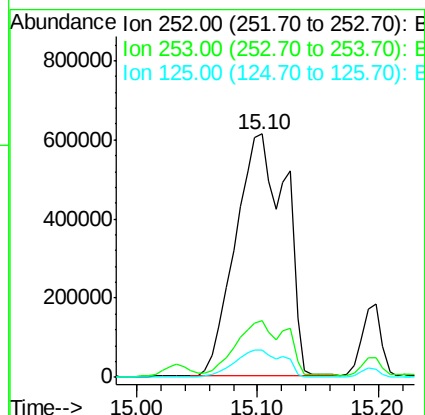
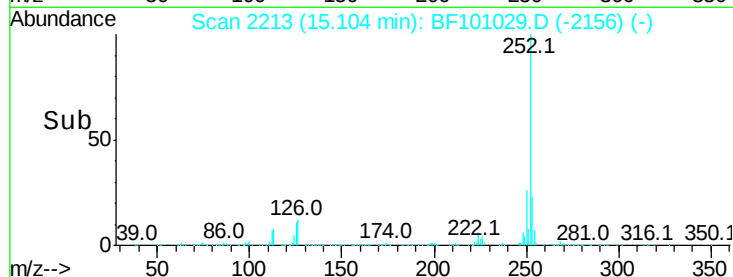
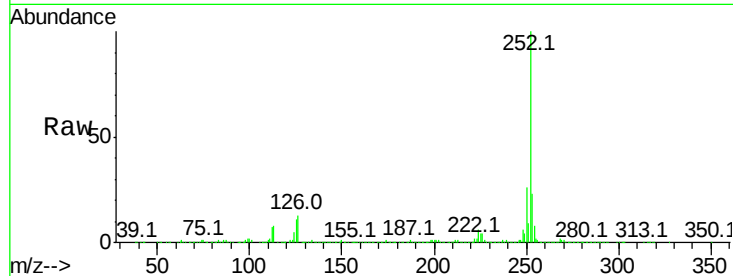




#87
Benzo(b)fluoranthene
Concen: 290.174 ng
RT: 15.10 min Scan# 2213
Delta R.T. 0.04 min
Lab File: BF101029.D
Acq: 30 Nov 2017 20:38

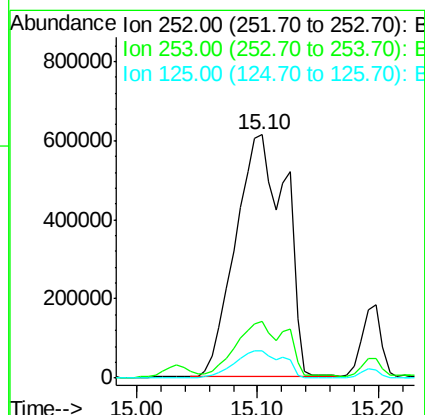
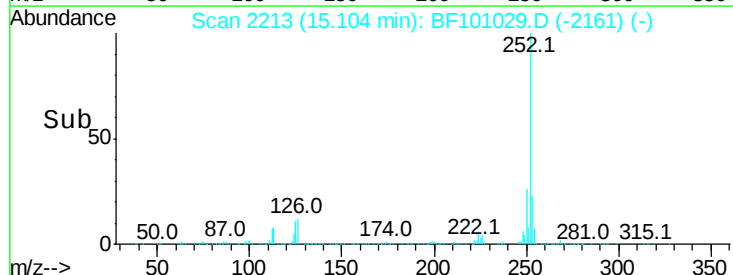
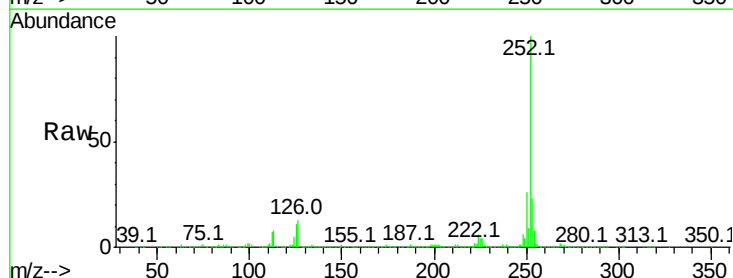
Instrument :
BNA_F
ClientSampleId :

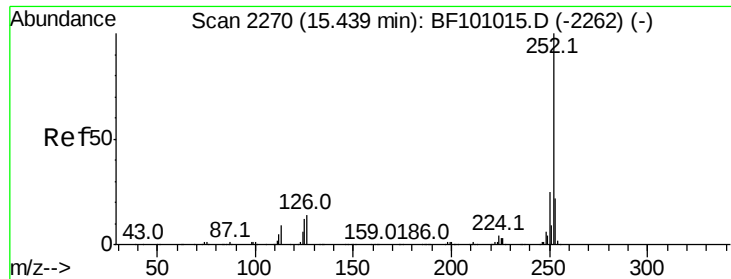
Tot Ion:252 Resp: 1756485
Ion Ratio Lower Upper
252 100
253 23.4 17.0 25.6
125 11.3 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 294.525 ng
RT: 15.10 min Scan# 2213
Delta R.T. 0.01 min
Lab File: BF101029.D
Acq: 30 Nov 2017 20:38

Tgt Ion:252 Resp: 1756485
Ion Ratio Lower Upper
252 100
253 23.4 17.9 26.9
125 11.3 10.2 15.2

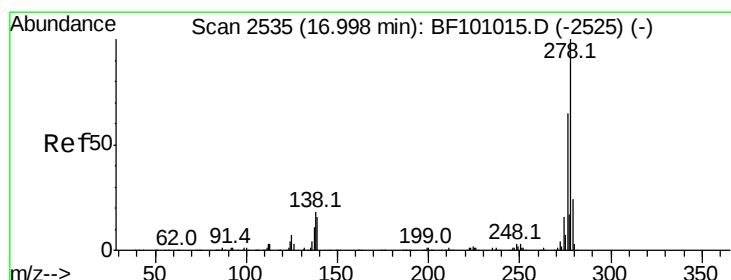
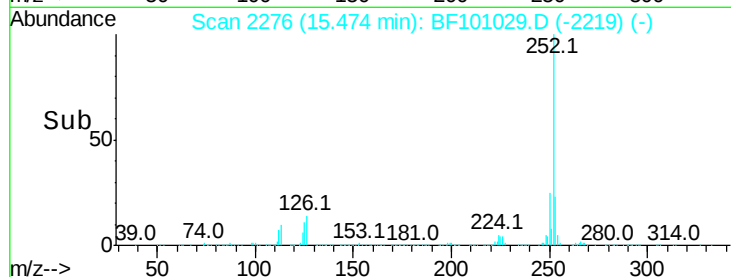
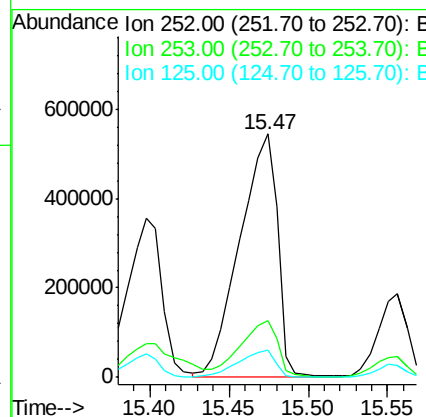
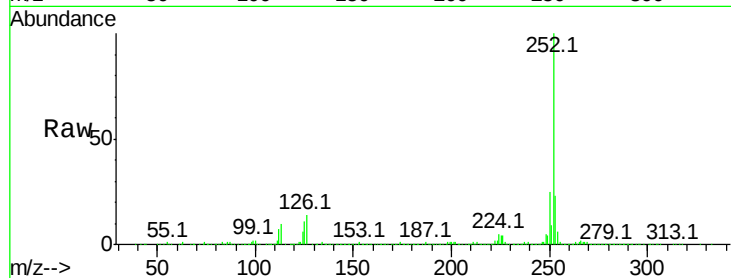




#89
Benzo(a)pyrene
Concen: 162.394 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.04 min
Lab File: BF101029.D
Acq: 30 Nov 2017 20:38

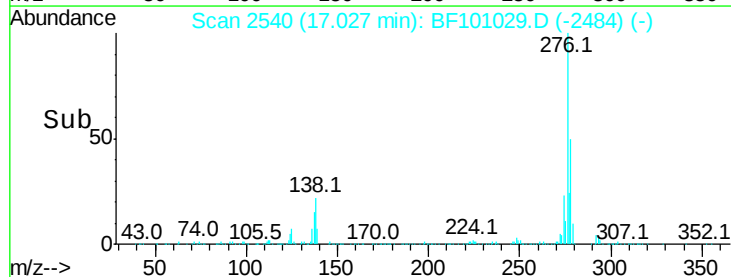
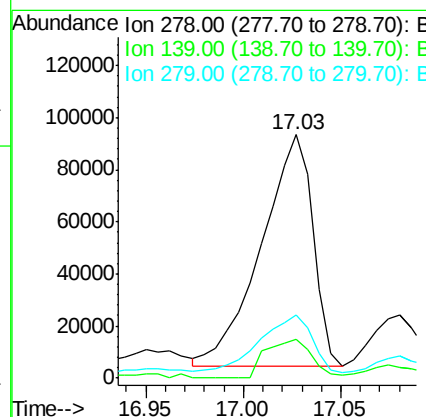
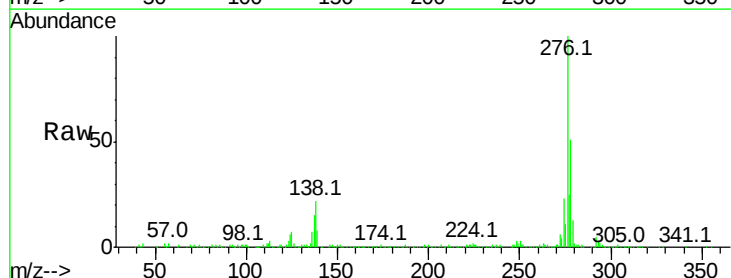
Instrument :
BNA_F
ClientSampleId :

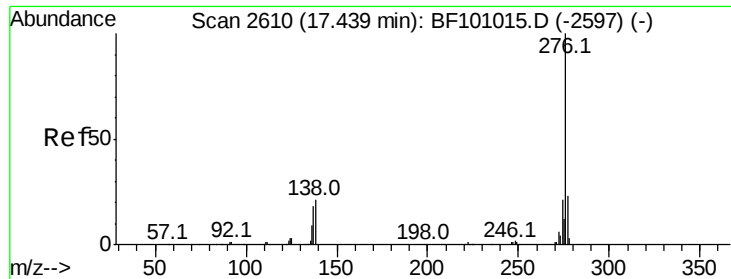
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.1	25.7
125	11.3	9.8	14.6



#90
Dibenzo(a,h)anthracene
Concen: 33.582 ng
RT: 17.03 min Scan# 2540
Delta R.T. 0.03 min
Lab File: BF101029.D
Acq: 30 Nov 2017 20:38

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.0	15.9	23.9
279	25.9	19.0	28.4

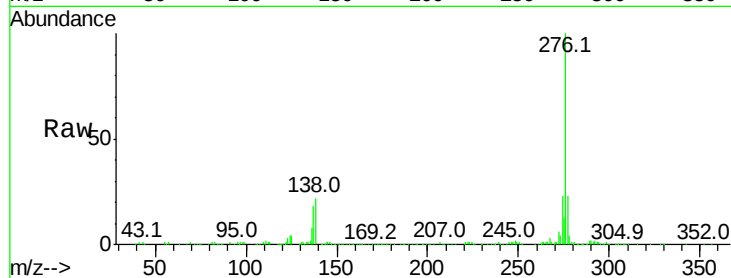




#91
 Benzo(a,h,i)perylene
 Concen: 93.657 ng
 RT: 17.48 min Scan# 2617
 Delta R.T. 0.04 min
 Lab File: BF101029.D
 Acq: 30 Nov 2017 20:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	17.9	26.9
138	21.5	21.8	32.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

