

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070215\
 Data File : BF080331.D
 Acq On : 3 Jul 2015 8:31
 Operator : TP/IZ
 Sample : IDOC-03-W-UM
 Misc : IDOC-WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-03-W-UM

Quant Time: Jul 03 23:01:15 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 03 22:57:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.24	152	49333	20.00	ng	0.00
21) Naphthalene-d8	8.53	136	192726	20.00	ng	0.00
38) Acenaphthene-d10	10.30	164	96774	20.00	ng	0.00
63) Phenanthrene-d10	11.81	188	203211	20.00	ng	0.01
75) Chrysene-d12	14.84	240	217129	20.00	ng	0.13
86) Perylene-d12	16.74	264	203264	20.00	ng	0.19

System Monitoring Compounds

5) 2-Fluorophenol	5.85	112	171785	60.30	ng	0.00
7) Phenol-d6	6.84	99	207738	54.32	ng	0.00
23) Nitrobenzene-d5	7.80	82	191966	54.84	ng	0.00
41) 2,4,6-Tribromophenol	11.09	330	57645	62.56	ng	0.00
44) 2-Fluorobiphenyl	9.61	172	414271	61.61	ng	0.00
78) Terphenyl-d14	13.54	244	462208	49.86	ng	0.07

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.06	88	27427	80.23	ng	# 100
3) Pyridine	3.90	79	79900	22.66	ng	97
4) n-Nitrosodimethylamine	3.80	42	45920	29.24	ng	93
6) Aniline	6.90	93	93361	18.25	ng	# 90
8) 2-Chlorophenol	7.02	128	92509	29.56	ng	95
9) Benzaldehyde	6.78	77	49103	23.50	ng	97
10) Phenol	6.86	94	105464	24.93	ng	86
11) bis(2-Chloroethyl)ether	6.96	93	81316	25.41	ng	94
12) 1,3-Dichlorobenzene	7.18	146	105844	27.71	ng	97
13) 1,4-Dichlorobenzene	7.18	146	105844	27.83	ng	97
14) 1,2-Dichlorobenzene	7.41	146	99072	26.22	ng	96
15) Benzyl Alcohol	7.37	79	79521	27.01	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.50	45	130512	26.59	ng	99
17) 2-Methylphenol	7.47	107	66021	24.40	ng	95
18) Hexachloroethane	7.77	117	31322	26.38	ng	# 66
19) n-Nitroso-di-n-propylamine	7.63	70	58010	22.82	ng	90
20) 3+4-Methylphenols	7.63	107	95059	26.45	ng	88
22) Acetophenone	7.64	105	128274	28.49	ng	# 93
24) Nitrobenzene	7.81	77	91959	25.34	ng	93
25) Isophorone	8.05	82	174632	25.67	ng	95
26) 2-Nitrophenol	8.14	139	40384	25.48	ng	# 75
27) 2,4-Dimethylphenol	8.17	122	80247	27.58	ng	93
28) bis(2-Chloroethoxy)methane	8.26	93	109575	26.84	ng	98
29) 2,4-Dichlorophenol	8.38	162	70547	26.25	ng	88
30) 1,2,4-Trichlorobenzene	8.48	180	77800	24.82	ng	# 94
31) Naphthalene	8.56	128	273363	27.84	ng	99
32) Benzoic acid	8.22	122	24772	37.20	ng	91
33) 4-Chloroaniline	8.59	127	68621	16.47	ng	94
34) Hexachlorobutadiene	8.67	225	47565	24.09	ng	98
35) Caprolactam	8.93	113	21464	26.32	ng	# 73
36) 4-Chloro-3-methylphenol	9.06	107	74311	25.54	ng	87
37) 2-Methylnaphthalene	9.24	142	170006	25.29	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.41	216	78631	24.42	ng	# 97
40) Hexachlorocyclopentadiene	9.40	237	66202	54.80	ng	95

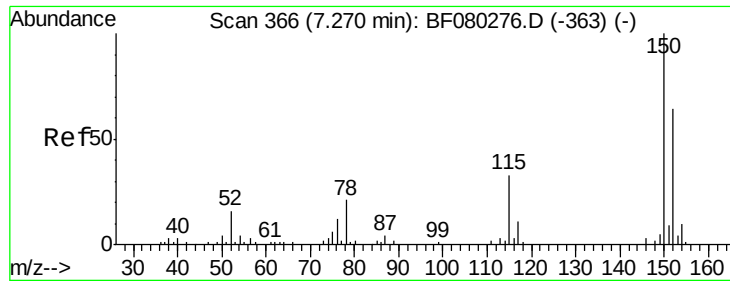
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070215\
 Data File : BF080331.D
 Acq On : 3 Jul 2015 8:31
 Operator : TP/IZ
 Sample : IDOC-03-W-UM
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Instrument :
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Quant Time: Jul 03 23:01:15 2015
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 03 22:57:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.53	196	49630	24.34	ng	100
43) 2,4,5-Trichlorophenol	9.56	196	61703	28.09	ng	# 92
45) 1,1'-Biphenyl	9.71	154	231804	28.17	ng	98
46) 2-Chloronaphthalene	9.74	162	165292	25.95	ng	# 90
47) 2-Nitroaniline	9.82	65	51335	28.02	ng	# 80
48) Acenaphthylene	10.16	152	268164	24.24	ng	99
49) Dimethylphthalate	10.00	163	193734	26.21	ng	99
50) 2,6-Dinitrotoluene	10.06	165	43964	29.09	ng	# 63
51) Acenaphthene	10.34	154	174011	27.32	ng	90
52) 3-Nitroaniline	10.24	138	33829	19.51	ng	82
53) 2,4-Dinitrophenol	10.34	184	35773	66.11	ng	# 78
54) Dibenzofuran	10.51	168	244544	27.20	ng	92
55) 4-Nitrophenol	10.38	139	76698	59.86	ng	# 75
56) 2,4-Dinitrotoluene	10.48	165	54488	27.81	ng	# 66
57) Fluorene	10.85	166	213451	28.63	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.62	232	49127	28.70	ng	95
59) Diethylphthalate	10.70	149	206727	29.42	ng	95
60) 4-Chlorophenyl-phenylether	10.84	204	93210	27.65	ng	# 82
61) 4-Nitroaniline	10.85	138	43568	24.73	ng	80
62) Azobenzene	11.00	77	187826	25.99	ng	84
64) 4,6-Dinitro-2-methylphenol	10.89	198	27949	37.62	ng	# 51
65) n-Nitrosodiphenylamine	10.96	169	164157	24.58	ng	98
66) 4-Bromophenyl-phenylether	11.33	248	60377	27.49	ng	# 85
67) Hexachlorobenzene	11.41	284	64356	27.34	ng	# 82
68) Atrazine	11.47	200	49055	24.30	ng	90
69) Pentachlorophenol	11.61	266	64330	52.82	ng	98
70) Phenanthrene	11.84	178	317213	26.05	ng	99
71) Anthracene	11.89	178	306300	26.22	ng	99
72) Carbazole	12.04	167	290482	26.59	ng	98
73) Di-n-butylphthalate	12.38	149	315087	26.88	ng	98
74) Fluoranthene	13.12	202	326859	25.98	ng	98
76) Benzidine	13.24	184	149411	23.50	ng	99
77) Pyrene	13.38	202	351897	25.32	ng	99
79) Butylbenzylphthalate	14.10	149	130180	24.43	ng	# 83
80) Benzo(a)anthracene	14.83	228	337515	25.72	ng	98
81) 3,3'-Dichlorobenzidine	14.77	252	77023	17.98	ng	98
82) Chrysene	14.88	228	313526	25.92	ng	98
83) Bis(2-ethylhexyl)phthalate	14.82	149	190797	25.44	ng	99
84) Di-n-octyl phthalate	15.65	149	307204	24.31	ng	98
85) Indeno(1,2,3-cd)pyrene	18.52	276	348417	25.62	ng	98
87) Benzo(b)fluoranthene	16.21	252	368183	28.68	ng	98
88) Benzo(k)fluoranthene	16.25	252	269205	22.26	ng	98
89) Benzo(a)pyrene	16.66	252	309903	26.48	ng	98
90) Dibenzo(a,h)anthracene	18.55	278	297180	27.07	ng	99
91) Benzo(g,h,i)perylene	19.06	276	300544	26.24	ng	99

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

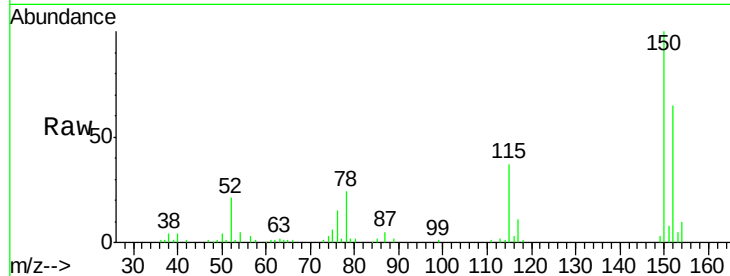


#1

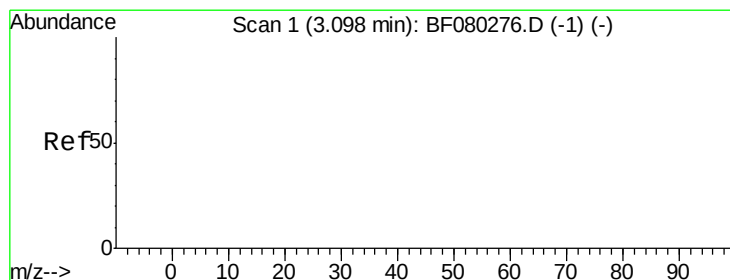
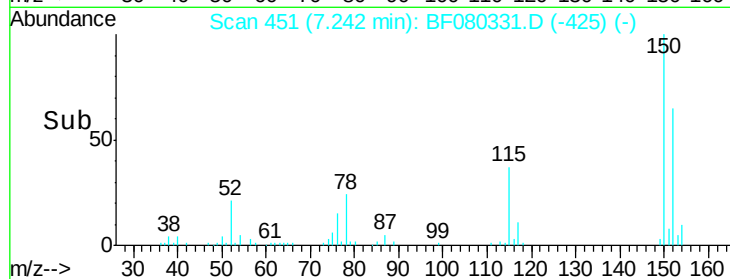
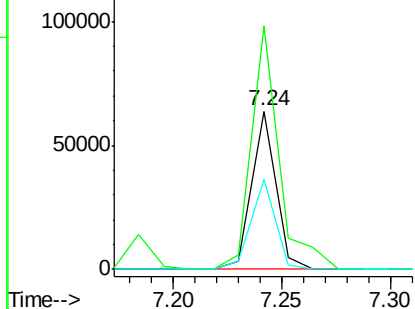
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF080331.D
Acq: 3 Jul 2015 8:31

Instrument :
BNA_F
ClientSampleId :
IDOC-03-W-UM

Tgt Ion:152 Resp: 49333
Ion Ratio Lower Upper
152 100
150 153.8 124.7 187.1
115 56.8 41.0 61.6



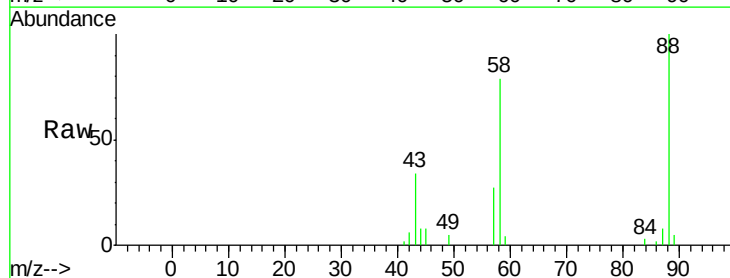
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



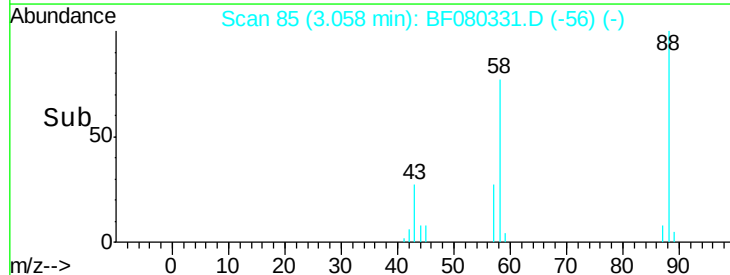
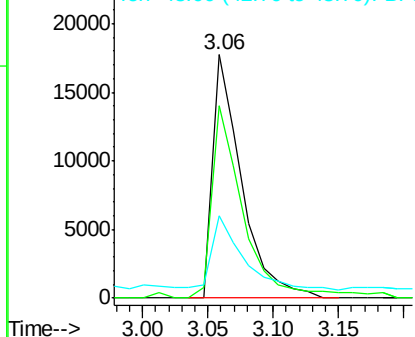
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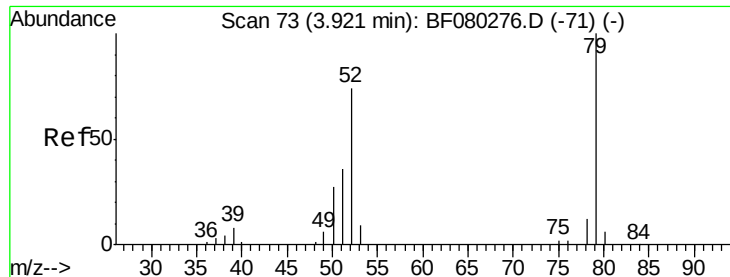
1,4-Dioxane
Concen: 80.23 ng
RT: 3.06 min Scan# 85
Delta R.T. 0.03 min
Lab File: BF080331.D
Acq: 3 Jul 2015 8:31

Tgt Ion: 88 Resp: 27427
Ion Ratio Lower Upper
88 100
58 86.9 0.0 0.0#
43 33.3 0.0 0.0#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 22.66 ng

RT: 3.90 min Scan# 159

Delta R.T. 0.02 min

Lab File: BF080331.D

Acq: 3 Jul 2015 8:31

Instrument :

BNA_F

ClientSampleId :

IDOC-03-W-UM

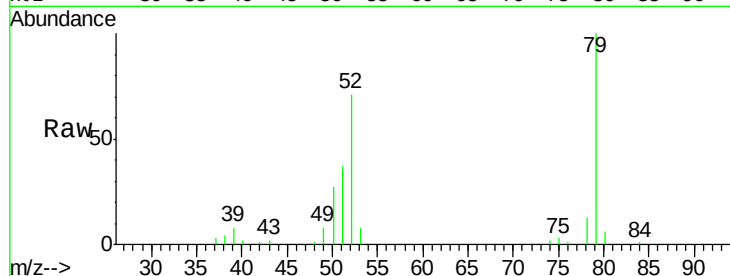
Tgt Ion: 79 Resp: 79900

Ion Ratio Lower Upper

79 100

52 71.2 59.3 88.9

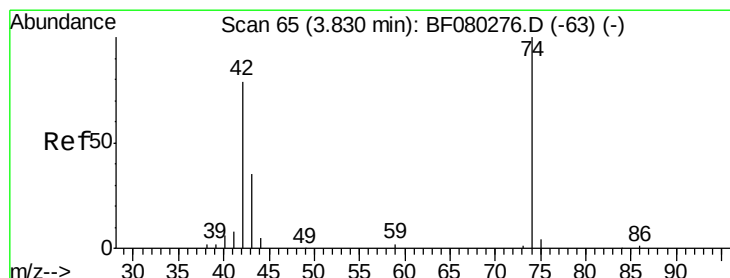
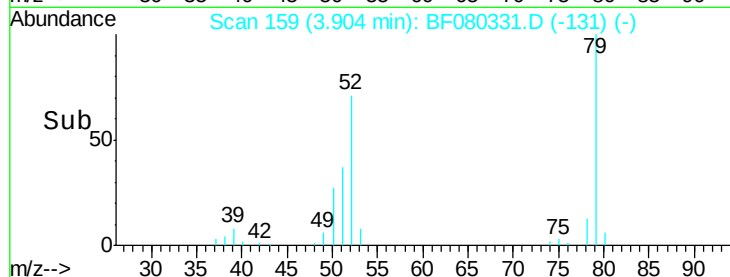
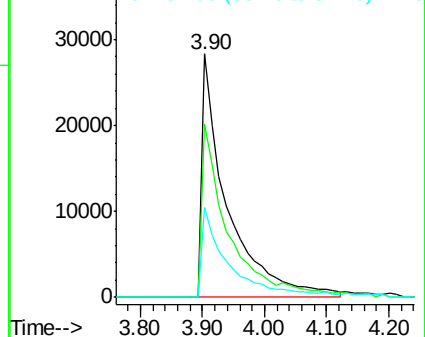
51 36.9 29.0 43.6



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 29.24 ng

RT: 3.80 min Scan# 150

Delta R.T. 0.01 min

Lab File: BF080331.D

Acq: 3 Jul 2015 8:31

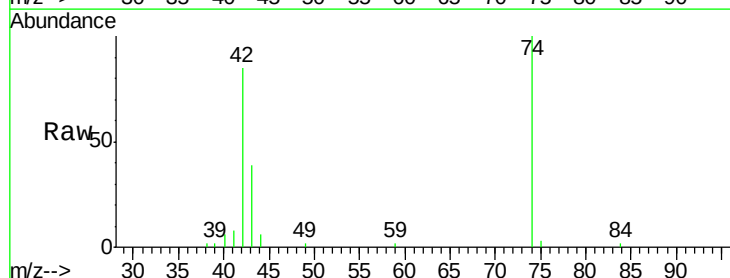
Tgt Ion: 42 Resp: 45920

Ion Ratio Lower Upper

42 100

74 118.1 101.4 152.2

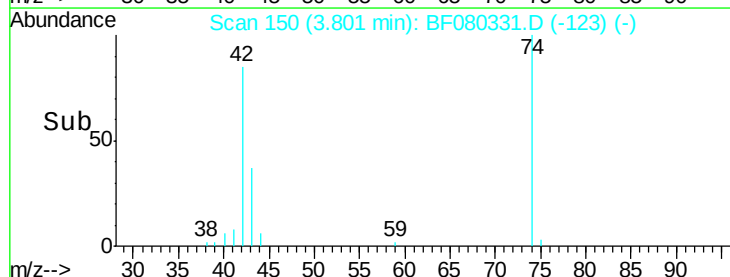
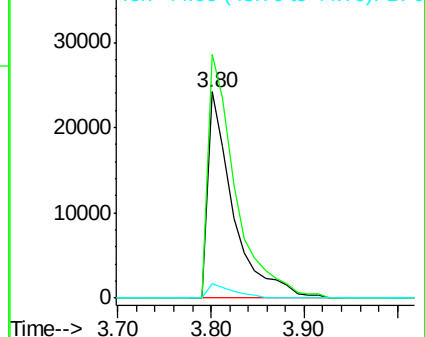
44 7.0 6.3 9.5

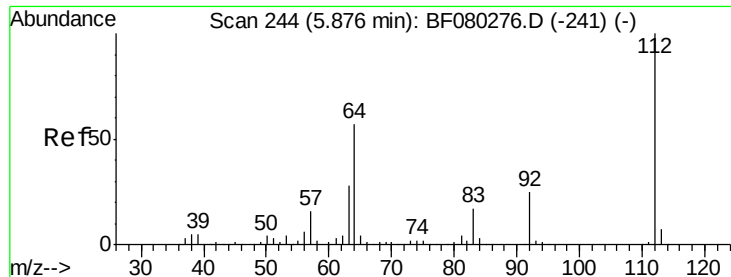


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 60.30 ng

RT: 5.85 min Scan# 329

Delta R.T. -0.00 min

Lab File: BF080331.D

Acq: 3 Jul 2015 8:31

Instrument :

BNA_F

ClientSampleId :

IDOC-03-W-UM

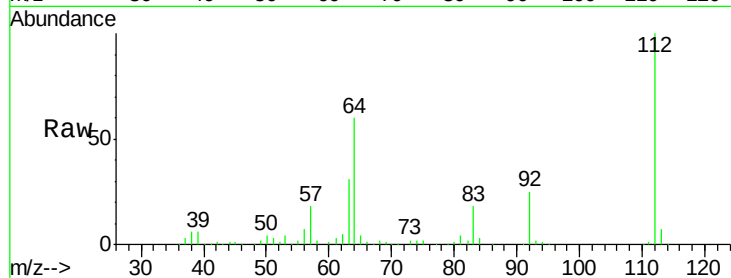
Tgt Ion: 112 Resp: 171785

Ion Ratio Lower Upper

112 100

64 59.7 45.5 68.3

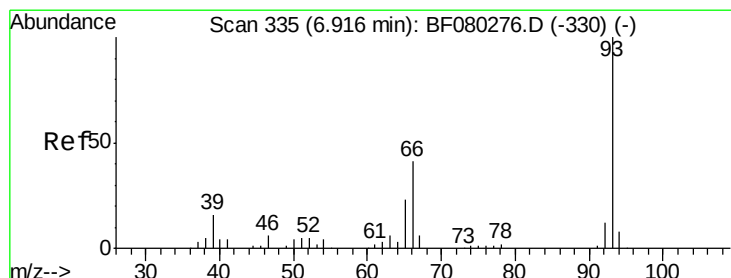
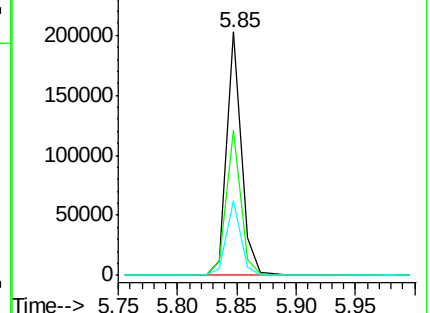
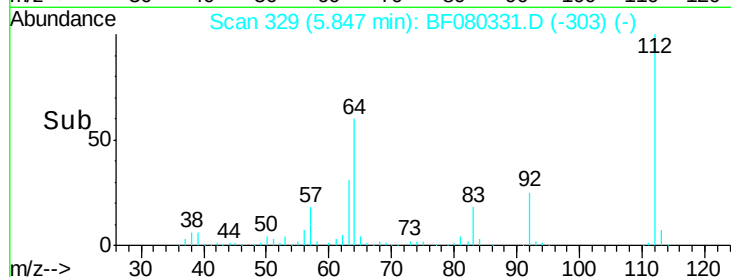
63 30.9 22.4 33.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 18.25 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.00 min

Lab File: BF080331.D

Acq: 3 Jul 2015 8:31

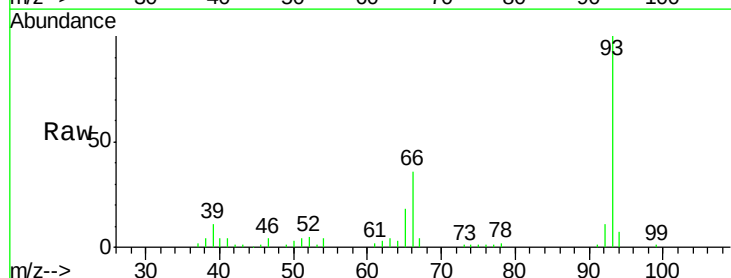
Tgt Ion: 93 Resp: 93361

Ion Ratio Lower Upper

93 100

66 35.8 33.7 50.5

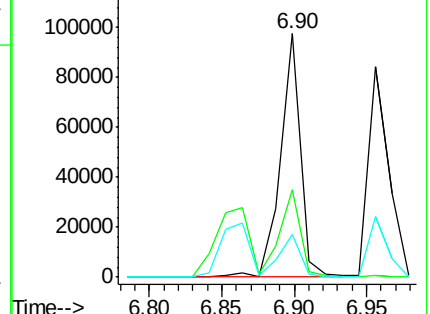
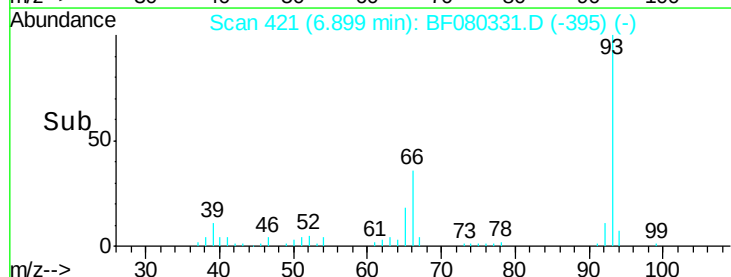
65 17.7 18.3 27.5#

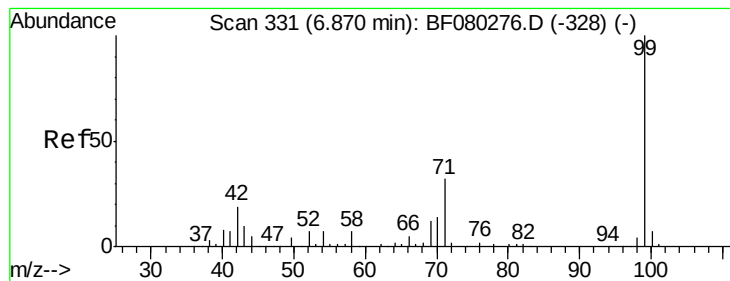


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 54.32 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.00 min

Lab File: BF080331.D

Acq: 3 Jul 2015 8:31

Instrument :

BNA_F

ClientSampleId :

IDOC-03-W-UM

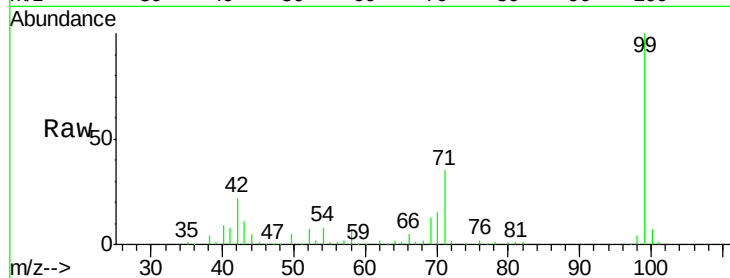
Tgt Ion: 99 Resp: 207738

Ion Ratio Lower Upper

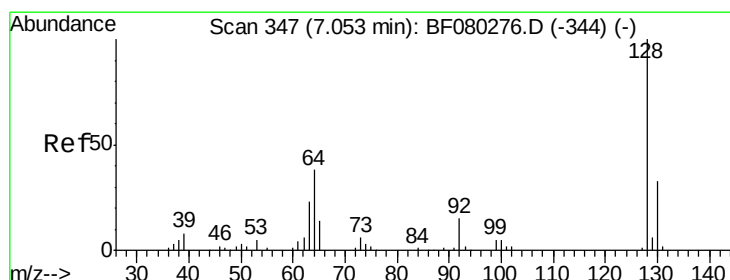
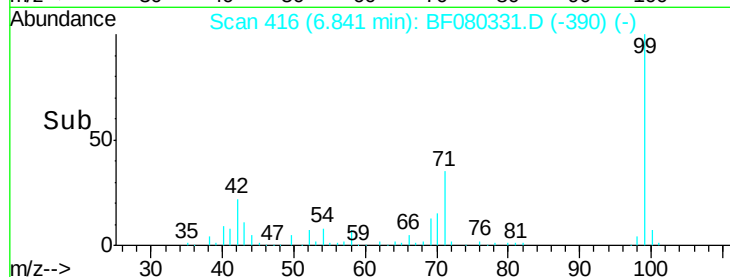
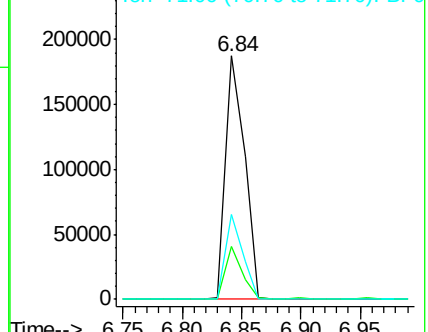
99 100

42 21.8 15.4 23.2

71 34.8 25.8 38.8



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 29.56 ng

RT: 7.02 min Scan# 432

Delta R.T. -0.00 min

Lab File: BF080331.D

Acq: 3 Jul 2015 8:31

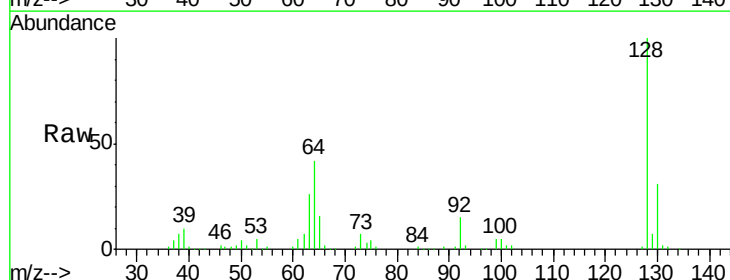
Tgt Ion: 128 Resp: 92509

Ion Ratio Lower Upper

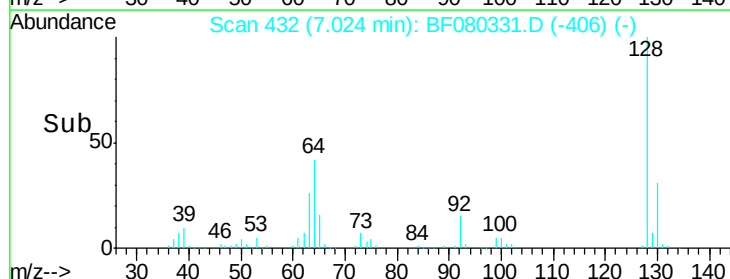
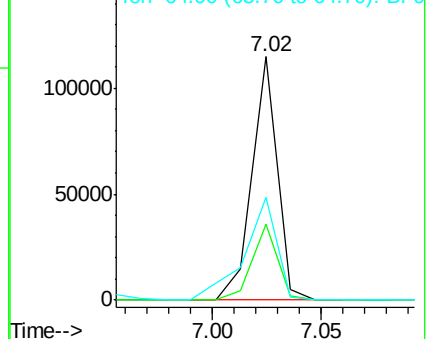
128 100

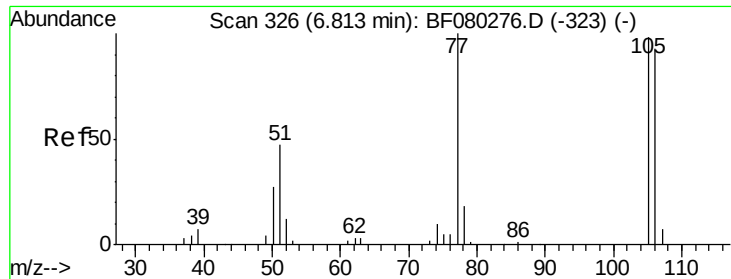
130 31.4 13.4 53.4

64 42.2 18.5 58.5



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): BF0





#9

Benzaldehyde

Concen: 23.50 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.00 min

Lab File: BF080331.D

Acq: 3 Jul 2015 8:31

Instrument :

BNA_F

ClientSampleId :

IDOC-03-W-UM

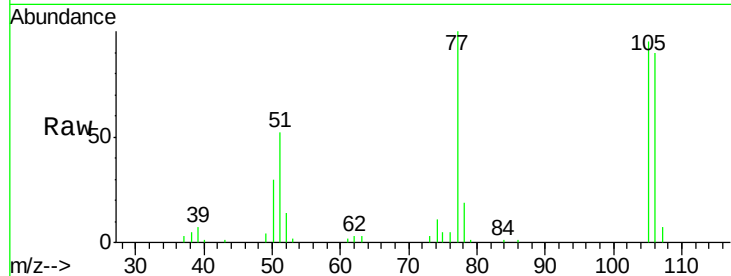
Tgt Ion: 77 Resp: 49103

Ion Ratio Lower Upper

77 100

105 95.4 78.2 118.2

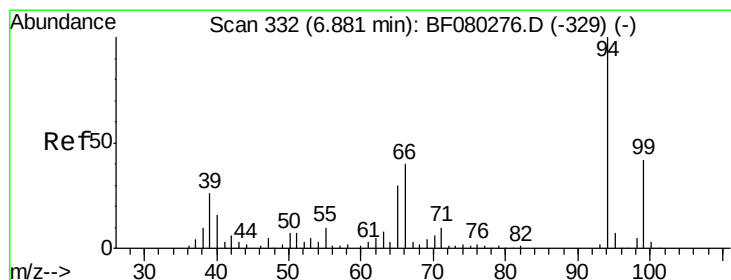
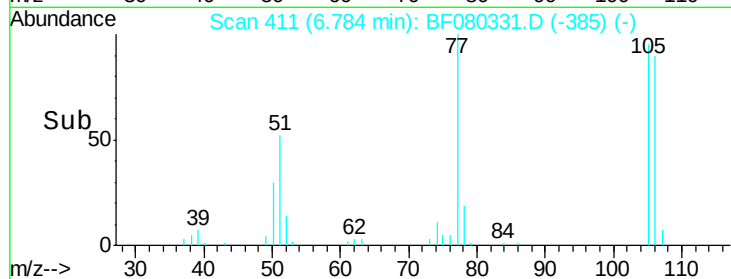
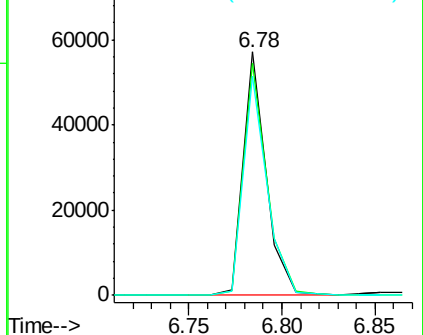
106 90.1 72.5 112.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 24.93 ng

RT: 6.86 min Scan# 418

Delta R.T. 0.01 min

Lab File: BF080331.D

Acq: 3 Jul 2015 8:31

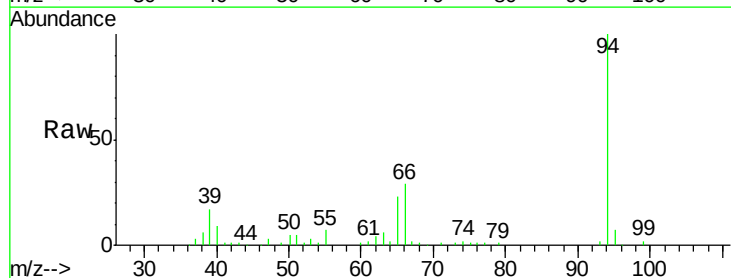
Tgt Ion: 94 Resp: 105464

Ion Ratio Lower Upper

94 100

65 23.5 9.6 49.6

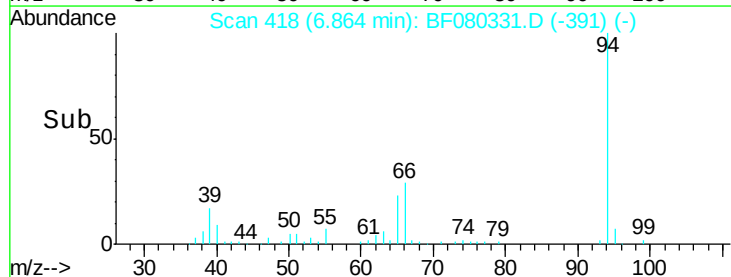
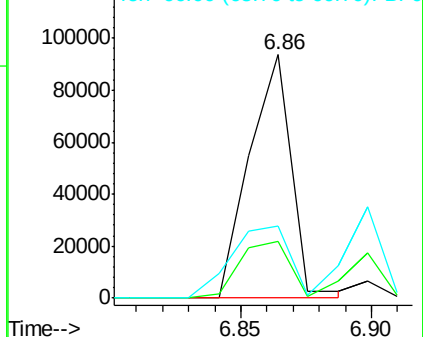
66 29.5 19.7 59.7

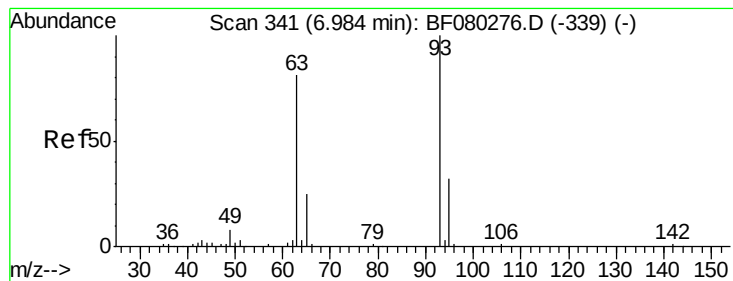


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 25.41 ng

RT: 6.96 min Scan# 426

Delta R.T. -0.00 min

Lab File: BF080331.D

Acq: 3 Jul 2015 8:31

Instrument :

BNA_F

ClientSampleId :

IDOC-03-W-UM

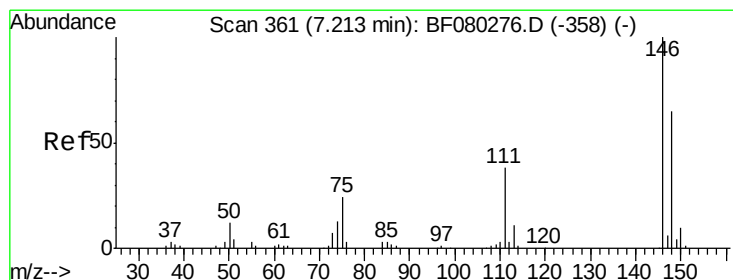
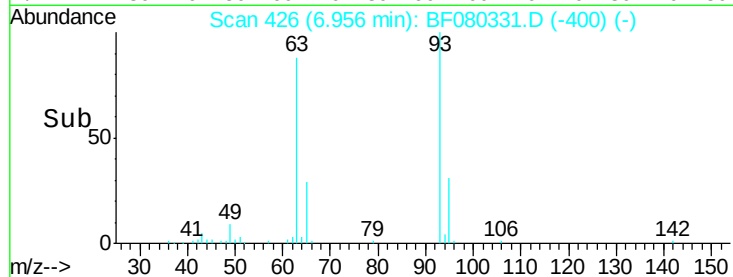
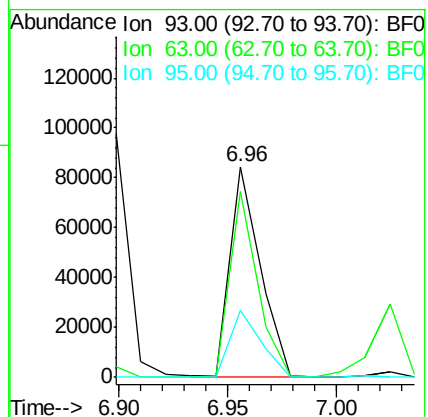
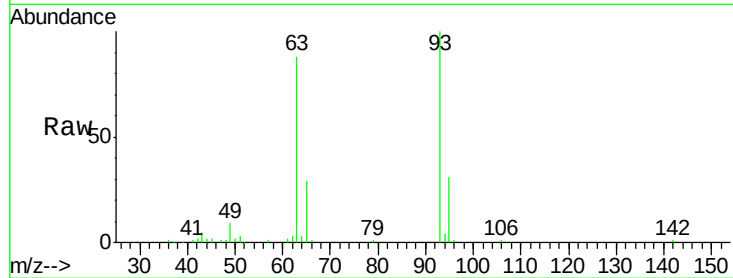
Tgt Ion: 93 Resp: 81316

Ion Ratio Lower Upper

93 100

63 88.2 61.0 101.0

95 31.5 12.0 52.0



#12

1,3-Dichlorobenzene

Concen: 27.71 ng

RT: 7.18 min Scan# 446

Delta R.T. -0.00 min

Lab File: BF080331.D

Acq: 3 Jul 2015 8:31

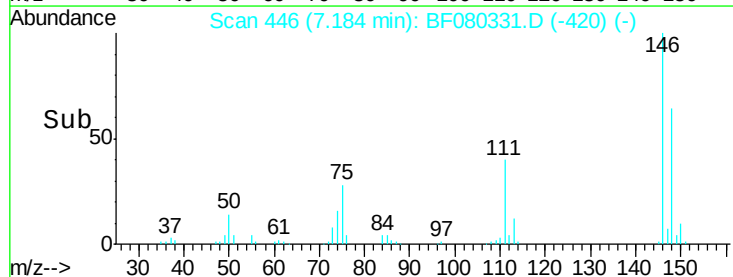
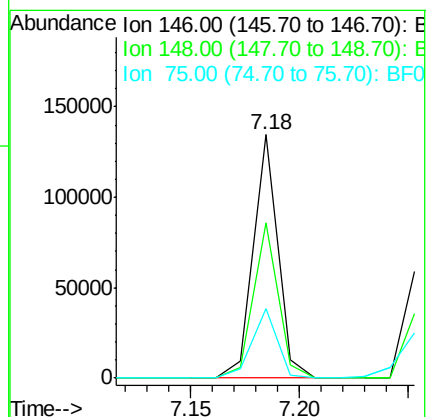
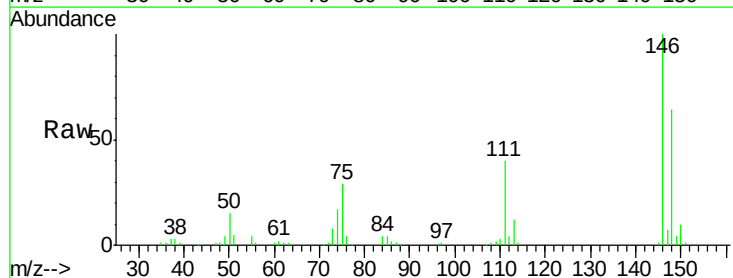
Tgt Ion: 146 Resp: 105844

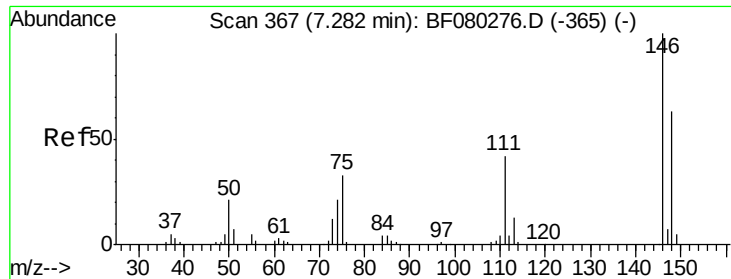
Ion Ratio Lower Upper

146 100

148 64.0 51.8 77.6

75 28.5 19.4 29.2

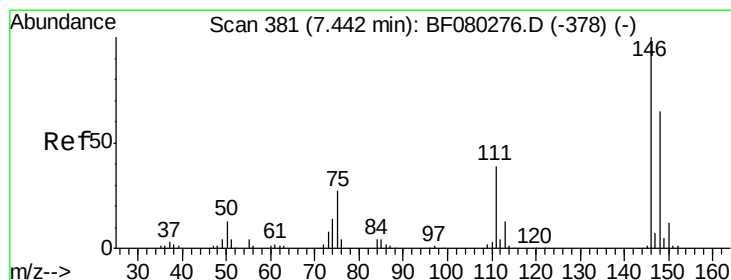
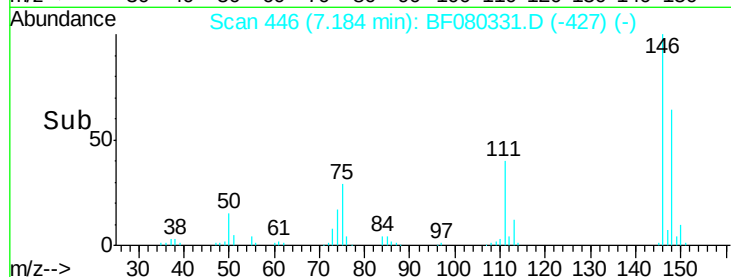
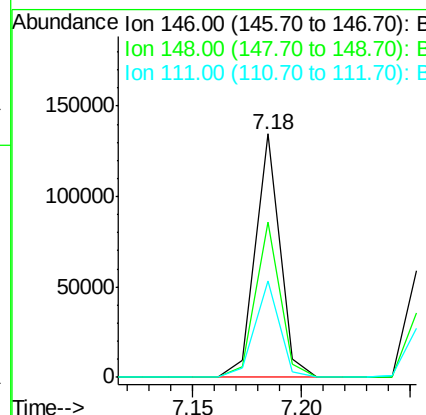
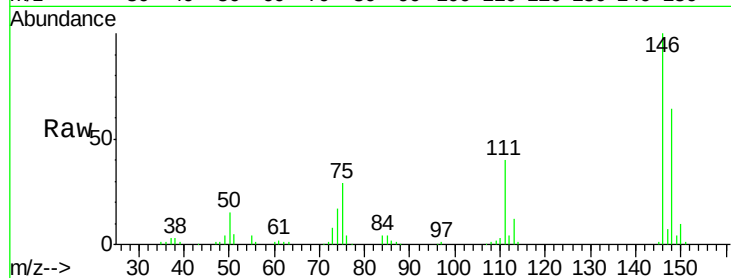




#13
 1,4-Dichlorobenzene
 Concen: 27.83 ng
 RT: 7.18 min Scan# 446
 Delta R.T. -0.08 min
 Lab File: BF080331.D
 Acq: 3 Jul 2015 8:31

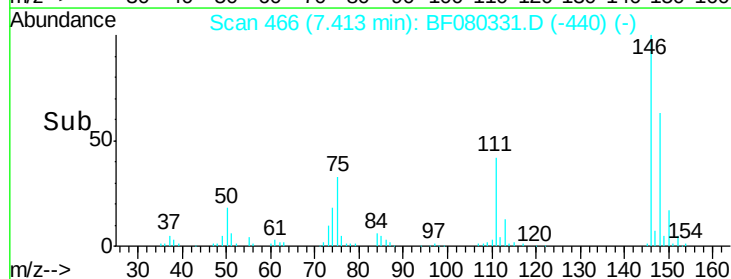
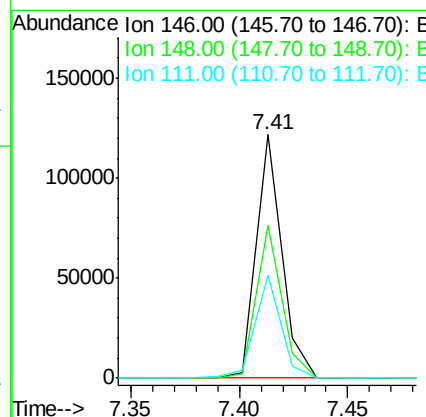
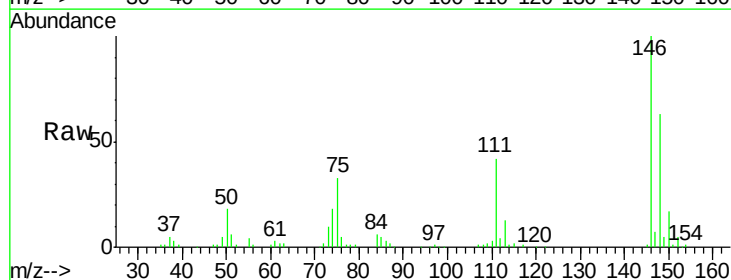
Instrument :
 BNA_F
 ClientSampleId :
 IDOC-03-W-UM

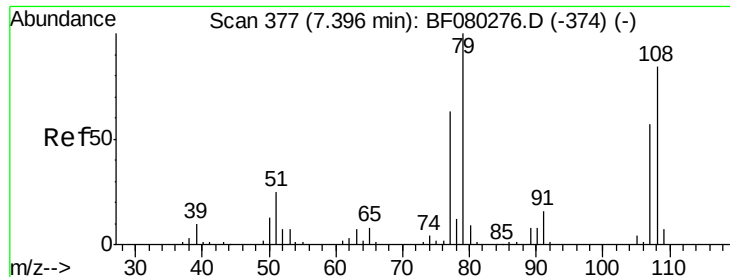
Tgt Ion:146 Resp: 105844
 Ion Ratio Lower Upper
 146 100
 148 64.0 50.2 75.2
 111 39.7 33.8 50.8



#14
 1,2-Dichlorobenzene
 Concen: 26.22 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.00 min
 Lab File: BF080331.D
 Acq: 3 Jul 2015 8:31

Tgt Ion:146 Resp: 99072
 Ion Ratio Lower Upper
 146 100
 148 62.9 52.2 78.4
 111 42.2 31.6 47.4

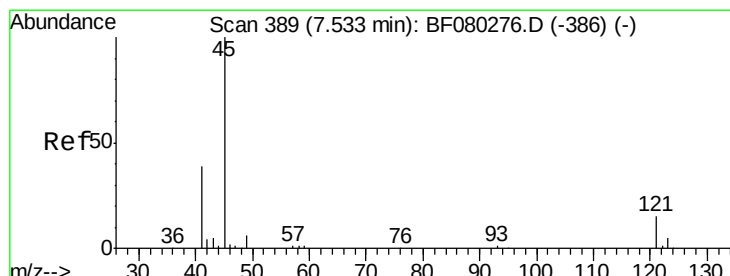
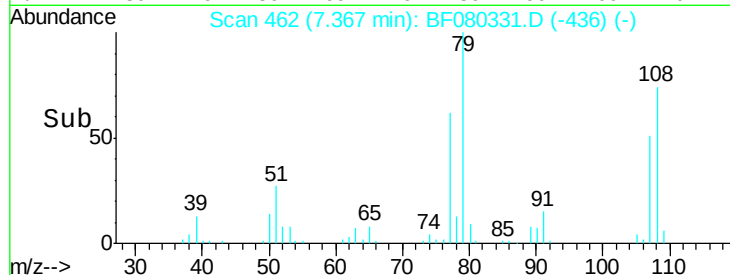
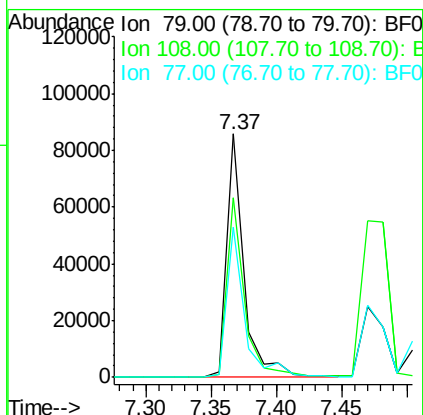
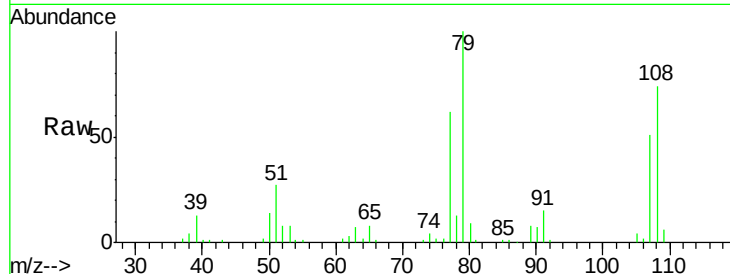




#15
Benzyl Alcohol
Concen: 27.01 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.00 min
Lab File: BF080331.D
Acq: 3 Jul 2015 8:31

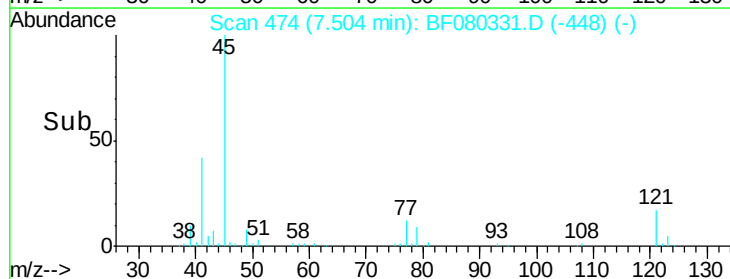
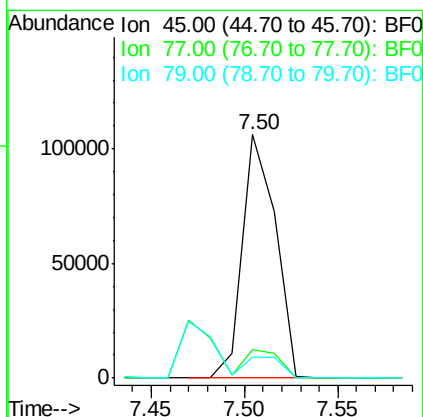
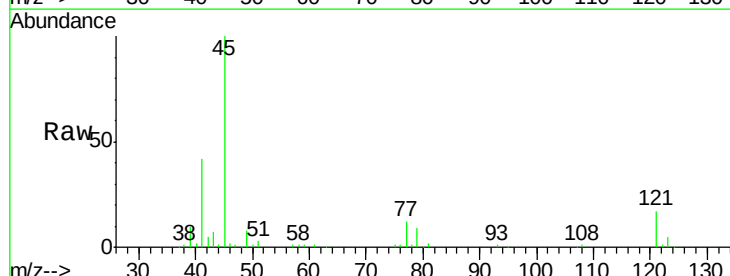
Instrument :
BNA_F
ClientSampleId :
IDOC-03-W-UM

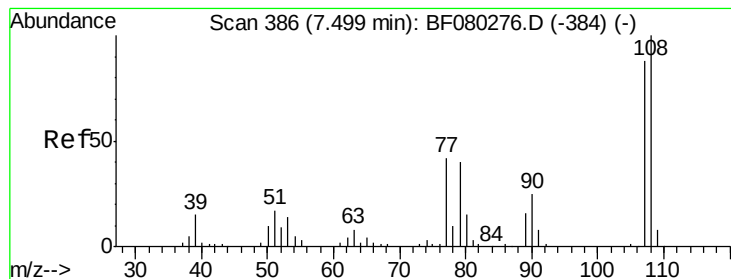
Tgt Ion: 79 Resp: 79521
Ion Ratio Lower Upper
79 100
108 73.8 67.1 100.7
77 61.5 50.7 76.1



#16
2,2'-oxybis(1-chloropropane)
Concen: 26.59 ng
RT: 7.50 min Scan# 474
Delta R.T. -0.00 min
Lab File: BF080331.D
Acq: 3 Jul 2015 8:31

Tgt Ion: 45 Resp: 130512
Ion Ratio Lower Upper
45 100
77 11.9 0.0 32.0
79 8.8 0.0 29.3

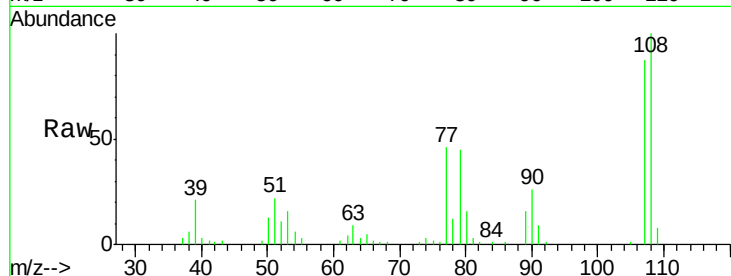




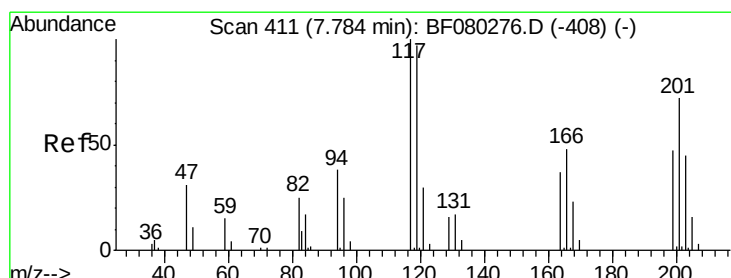
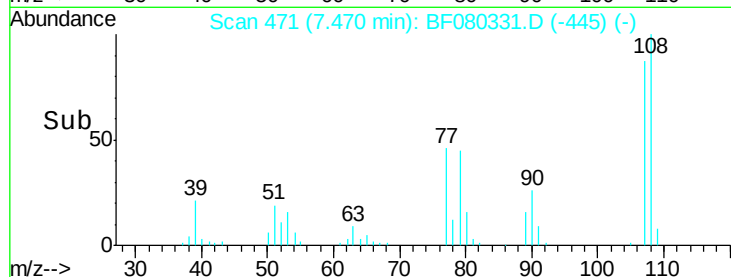
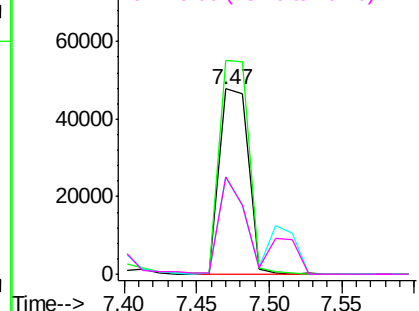
#17
2-Methylphenol
Concen: 24.40 ng
RT: 7.47 min Scan# 471
Delta R.T. -0.00 min
Lab File: BF080331.D
Acq: 3 Jul 2015 8:31

Instrument :
BNA_F
ClientSampleId :
IDOC-03-W-UM

Tgt Ion:107 Resp: 66021
Ion Ratio Lower Upper
107 100
108 115.2 90.6 136.0
77 52.8 38.0 57.0
79 52.2 36.4 54.6

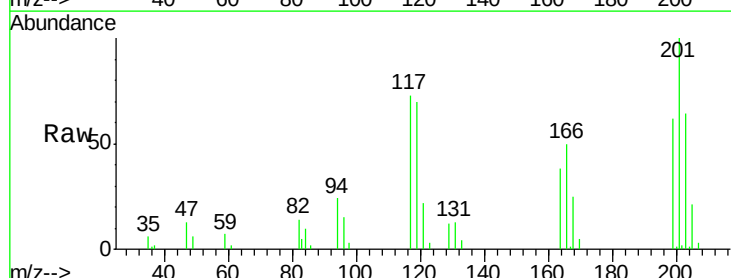


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

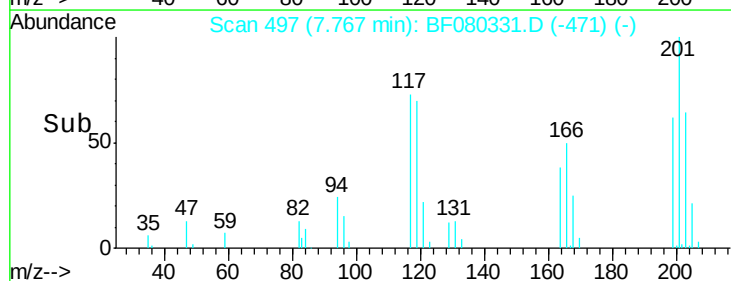
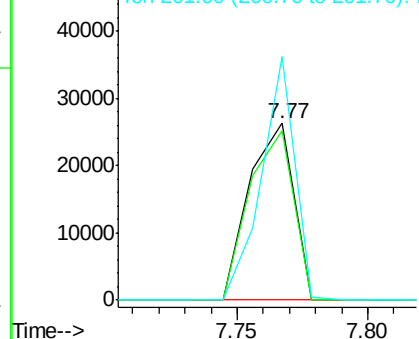


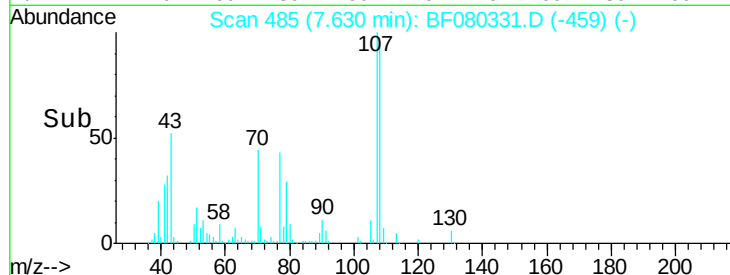
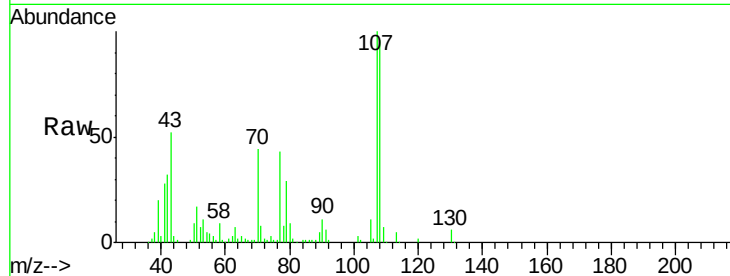
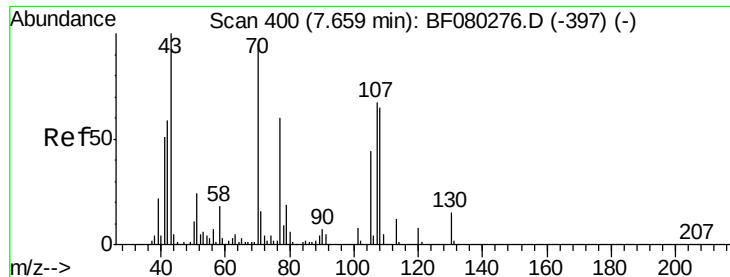
#18
Hexachloroethane
Concen: 26.38 ng
RT: 7.77 min Scan# 497
Delta R.T. -0.00 min
Lab File: BF080331.D
Acq: 3 Jul 2015 8:31

Tgt Ion:117 Resp: 31322
Ion Ratio Lower Upper
117 100
119 96.2 77.3 115.9
201 137.9 57.5 86.3#



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

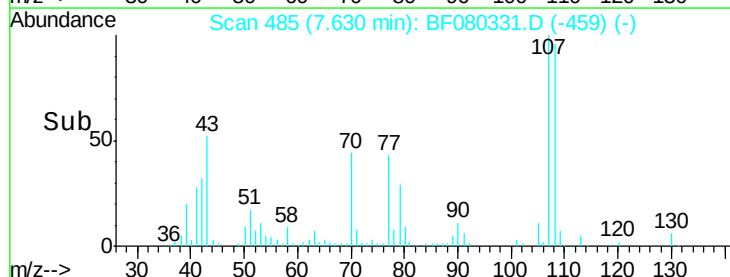
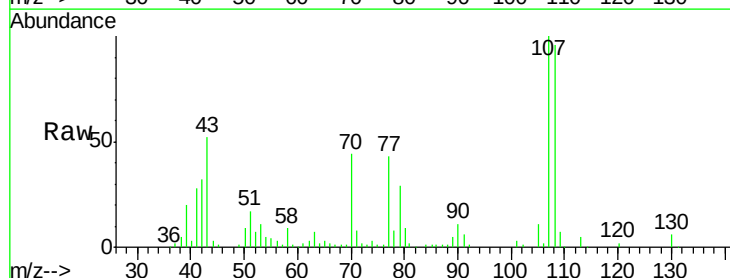
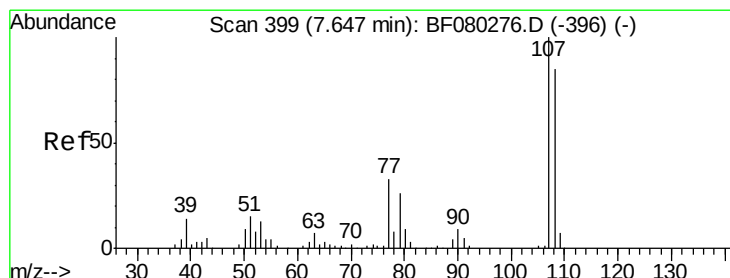
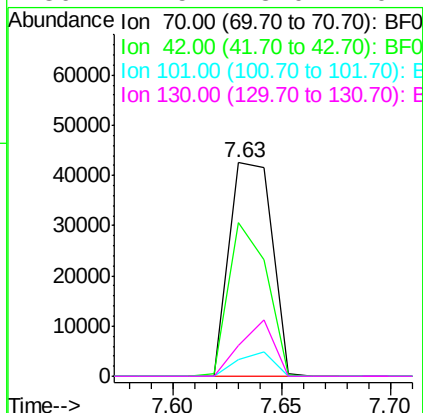




#19
n-Nitroso-di-n-propylamine
Concen: 22.82 ng
RT: 7.63 min Scan# 485
Delta R.T. -0.00 min
Lab File: BF080331.D
Acq: 3 Jul 2015 8:31

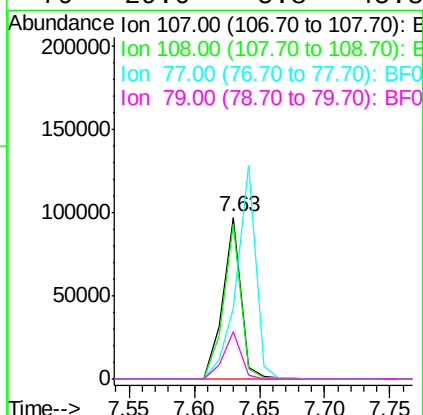
Instrument :
BNA_F
ClientSampleId :
IDOC-03-W-UM

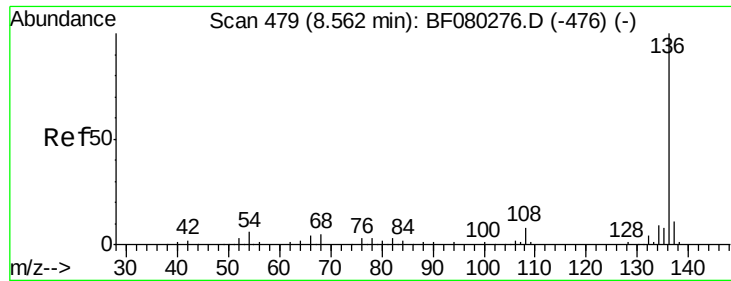
Tgt Ion:	70	Resp:	58010
Ion	Ratio	Lower	Upper
70	100		
42	72.0	49.8	74.8
101	7.8	6.8	10.2
130	14.5	13.0	19.4



#20
3+4-Methylphenols
Concen: 26.45 ng
RT: 7.63 min Scan# 485
Delta R.T. -0.00 min
Lab File: BF080331.D
Acq: 3 Jul 2015 8:31

Tgt Ion:	107	Resp:	95059
Ion	Ratio	Lower	Upper
107	100		
108	95.8	64.9	104.9
77	43.3	12.9	52.9
79	29.0	5.8	45.8

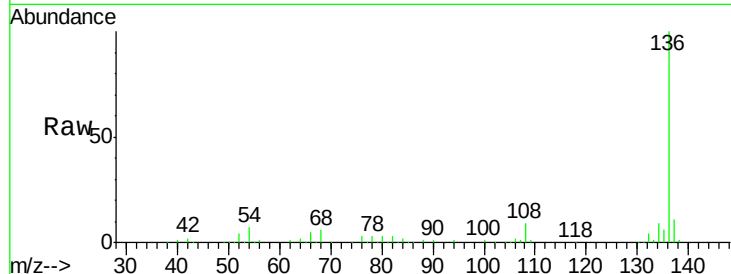




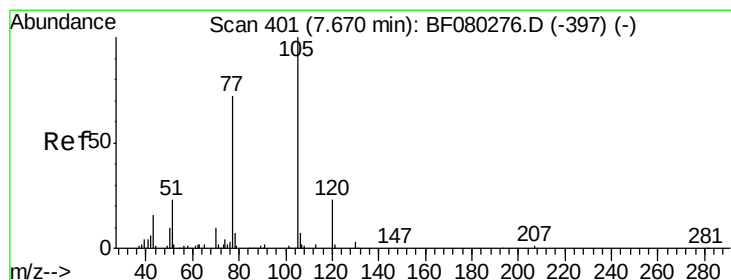
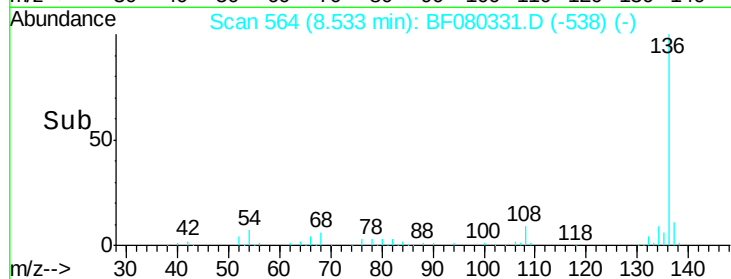
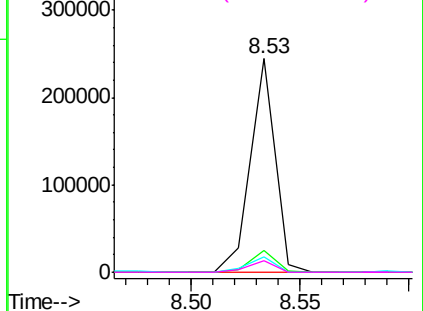
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.53 min Scan# 564
Delta R.T. -0.00 min
Lab File: BF080331.D
Acq: 3 Jul 2015 8:31

Instrument :
BNA_F
ClientSampleId :
IDOC-03-W-UM

Tgt Ion:	136	Resp:	192726
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.4	12.6
54	7.1	4.9	7.3
68	5.6	4.0	6.0

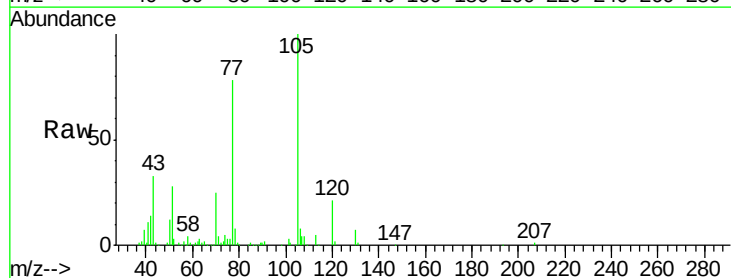


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

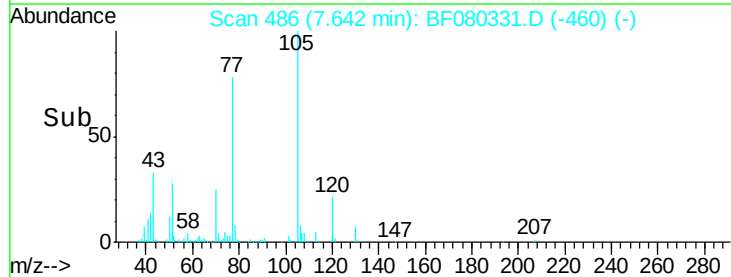
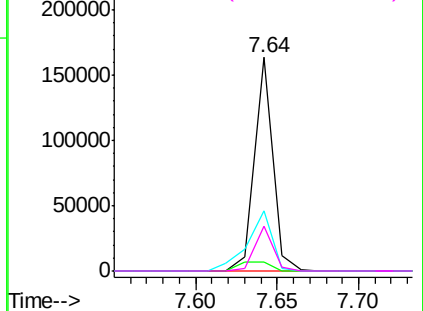


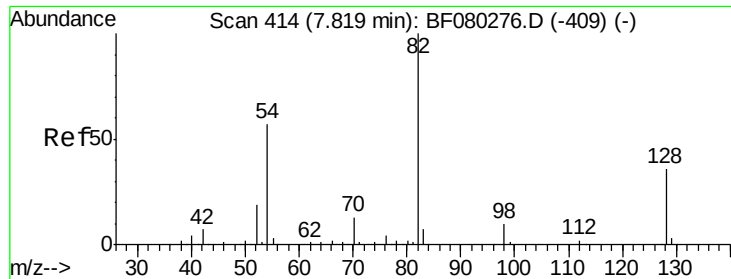
#22
Acetophenone
Concen: 28.49 ng
RT: 7.64 min Scan# 486
Delta R.T. -0.00 min
Lab File: BF080331.D
Acq: 3 Jul 2015 8:31

Tgt Ion:	105	Resp:	128274
Ion	Ratio	Lower	Upper
105	100		
71	4.1	1.4	2.0#
51	27.9	18.5	27.7#
120	20.9	18.1	27.1



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

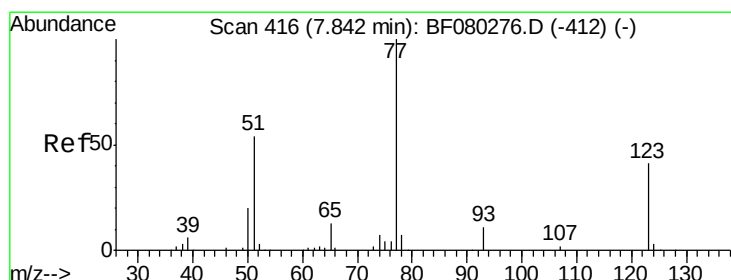
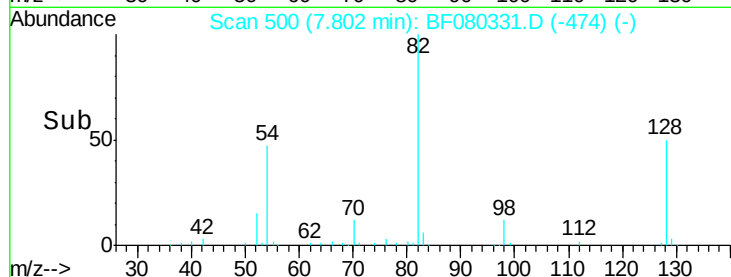
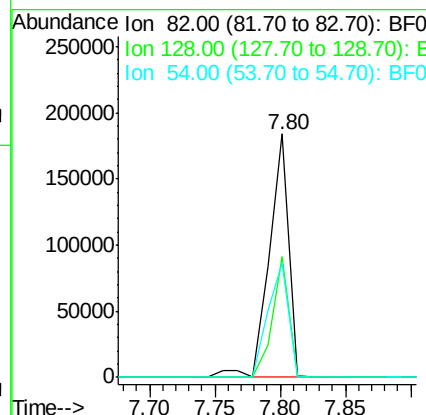
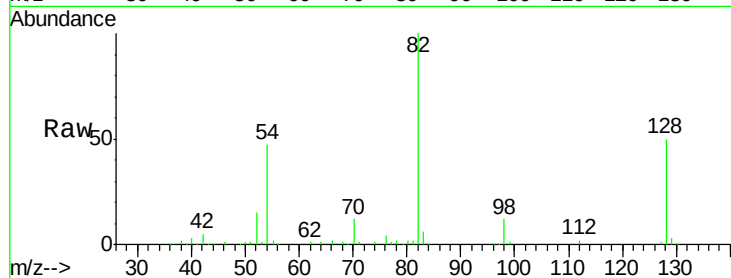




#23
 Nitrobenzene-d5
 Concen: 54.84 ng
 RT: 7.80 min Scan# 500
 Delta R.T. -0.00 min
 Lab File: BF080331.D
 Acq: 3 Jul 2015 8:31

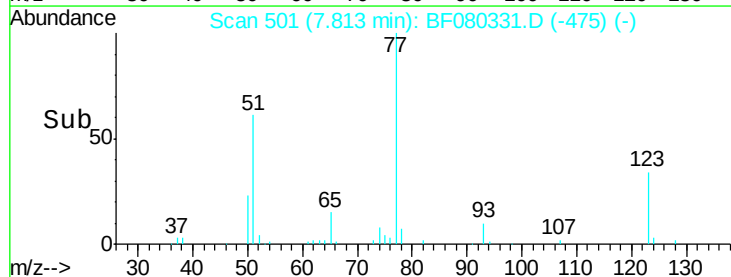
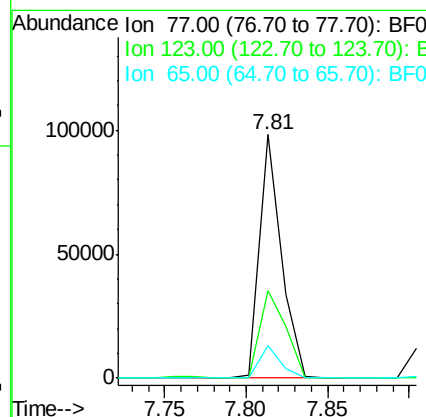
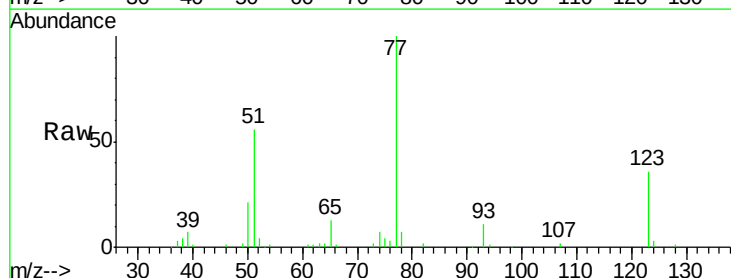
Instrument :
 BNA_F
 ClientSampleId :
 IDOC-03-W-UM

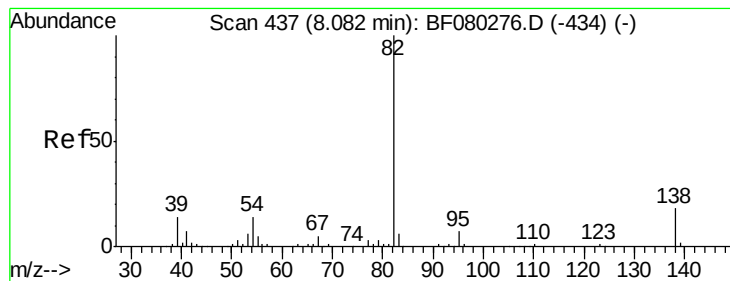
Tgt Ion	Ratio	Lower	Upper
82	100		
128	49.7	29.0	43.4#
54	46.9	45.3	67.9



#24
 Nitrobenzene
 Concen: 25.34 ng
 RT: 7.81 min Scan# 501
 Delta R.T. -0.00 min
 Lab File: BF080331.D
 Acq: 3 Jul 2015 8:31

Tgt Ion	Ratio	Lower	Upper
77	100		
123	35.8	33.0	49.6
65	13.4	10.6	15.8





#25

Isophorone

Concen: 25.67 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.00 min

Lab File: BF080331.D

Acq: 3 Jul 2015 8:31

Instrument :

BNA_F

ClientSampleId :

IDOC-03-W-UM

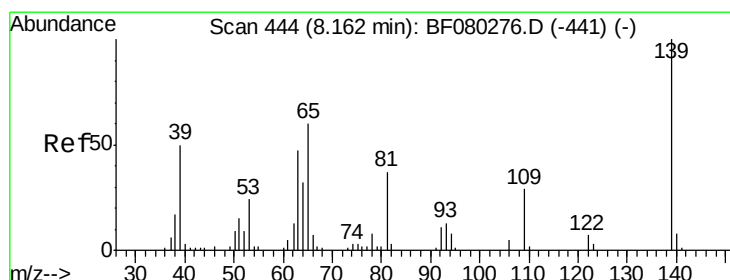
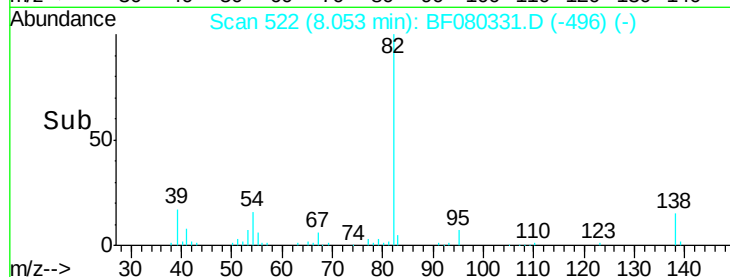
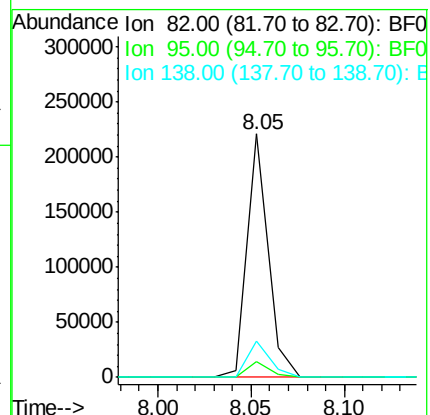
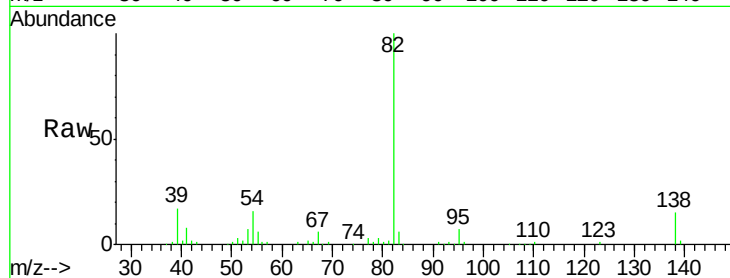
Tgt Ion: 82 Resp: 174632

Ion Ratio Lower Upper

82 100

95 6.6 5.3 7.9

138 15.0 14.4 21.6



#26

2-Nitrophenol

Concen: 25.48 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.00 min

Lab File: BF080331.D

Acq: 3 Jul 2015 8:31

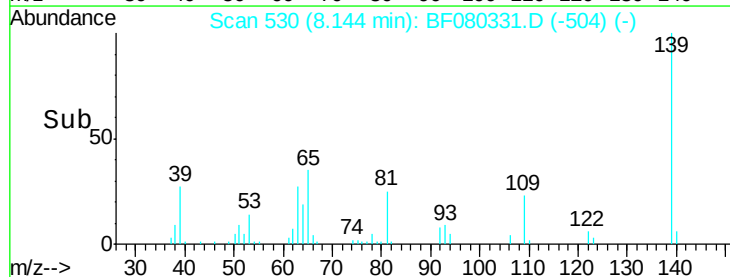
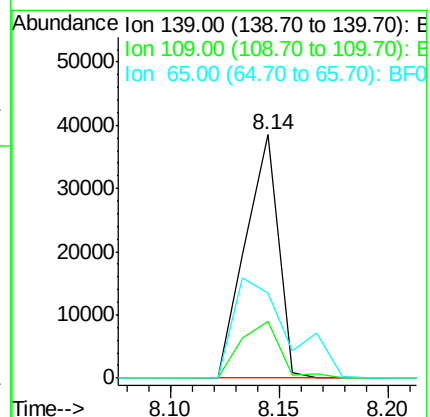
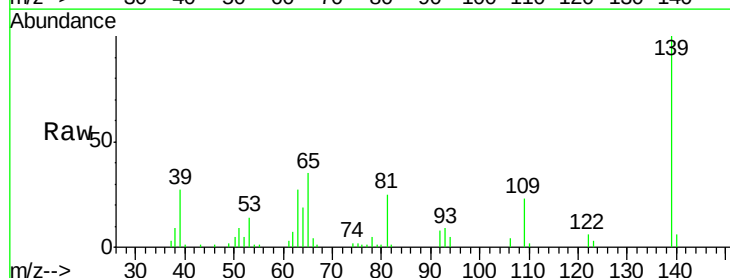
Tgt Ion: 139 Resp: 40384

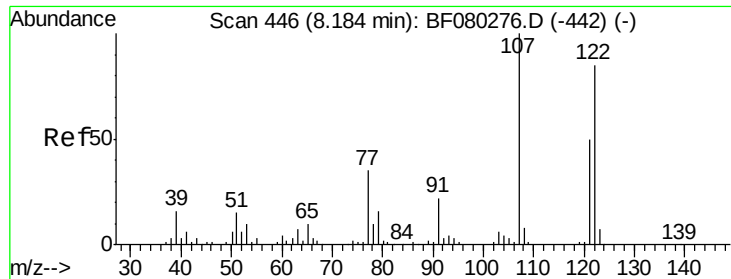
Ion Ratio Lower Upper

139 100

109 23.3 23.1 34.7

65 34.9 47.6 71.4#

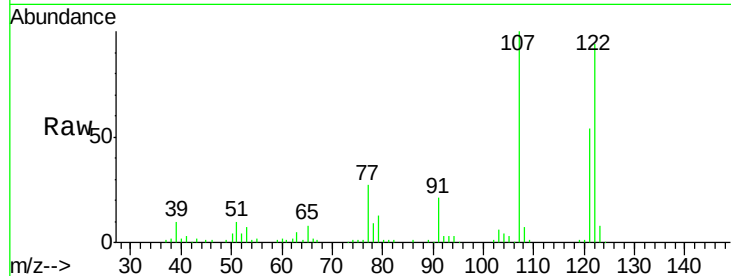




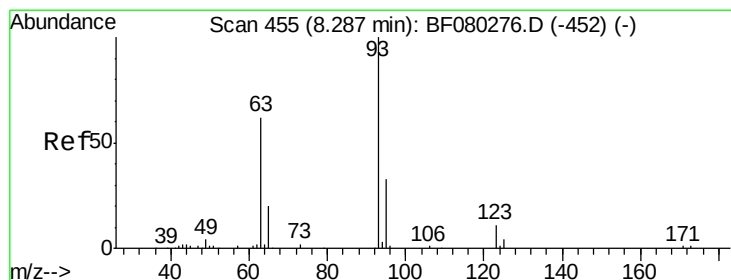
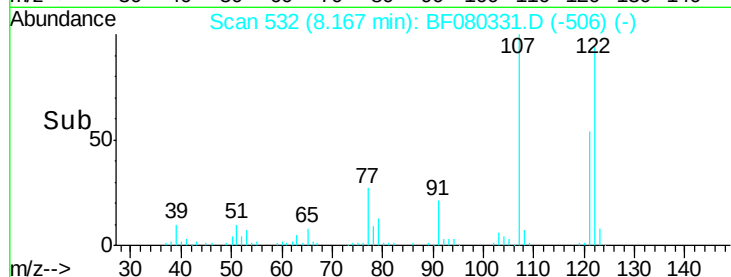
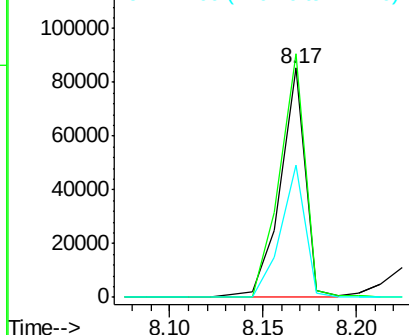
#27
 2,4-Dimethylphenol
 Concen: 27.58 ng
 RT: 8.17 min Scan# 532
 Delta R.T. -0.00 min
 Lab File: BF080331.D
 Acq: 3 Jul 2015 8:31

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-03-W-UM

Tgt Ion: 122 Resp: 80247
 Ion Ratio Lower Upper
 122 100
 107 106.2 93.7 140.5
 121 57.6 46.9 70.3

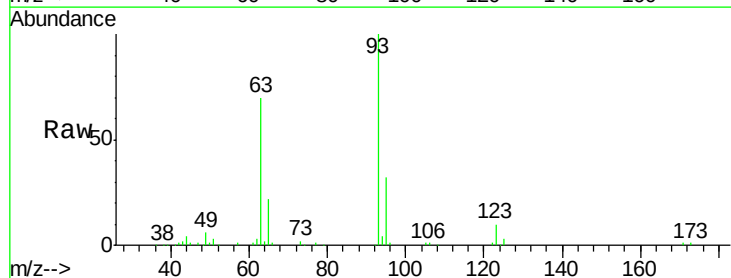


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

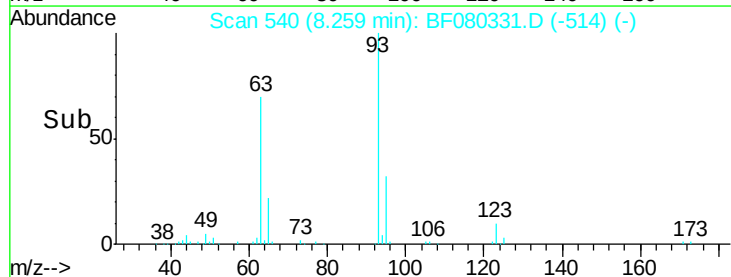
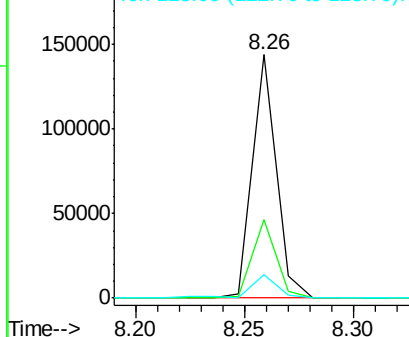


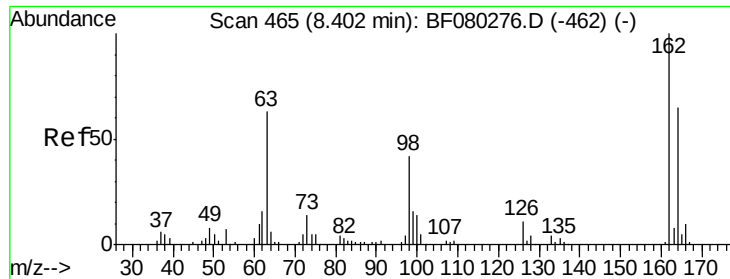
#28
 bis(2-Chloroethoxy)methane
 Concen: 26.84 ng
 RT: 8.26 min Scan# 540
 Delta R.T. -0.00 min
 Lab File: BF080331.D
 Acq: 3 Jul 2015 8:31

Tgt Ion: 93 Resp: 109575
 Ion Ratio Lower Upper
 93 100
 95 32.4 26.6 39.8
 123 9.9 9.2 13.8



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E

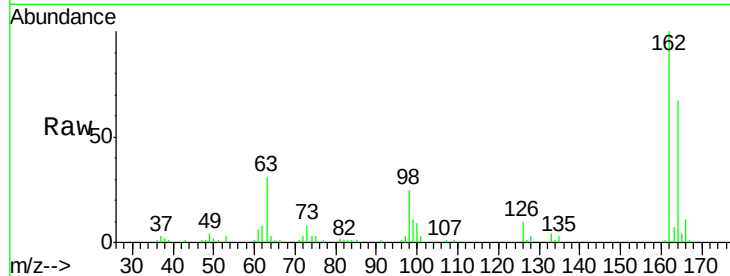




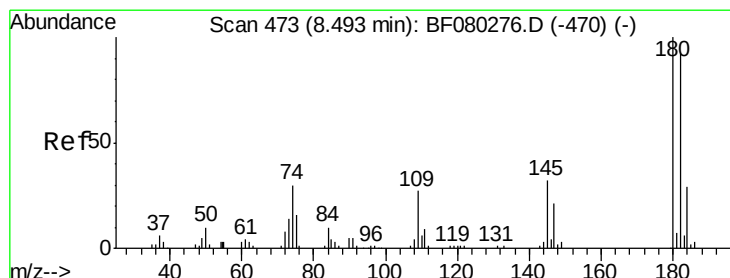
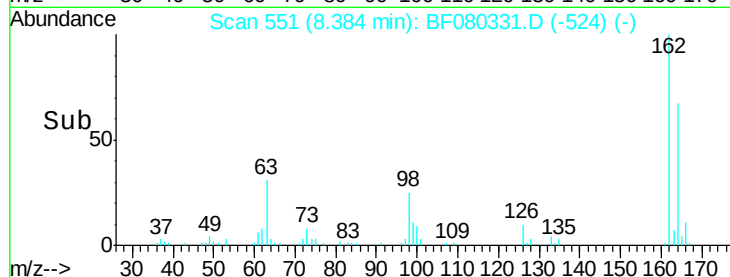
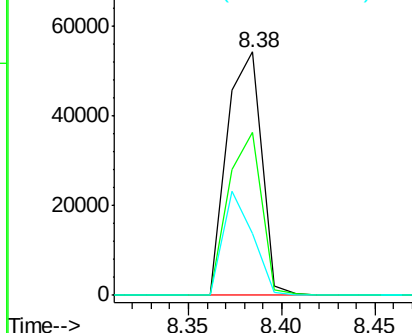
#29
2,4-Dichlorophenol
Concen: 26.25 ng
RT: 8.38 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF080331.D
Acq: 3 Jul 2015 8:31

Instrument :
BNA_F
ClientSampleId :
IDOC-03-W-UM

Tgt Ion:162 Resp: 70547
Ion Ratio Lower Upper
162 100
164 67.0 44.6 84.6
98 25.4 21.7 61.7

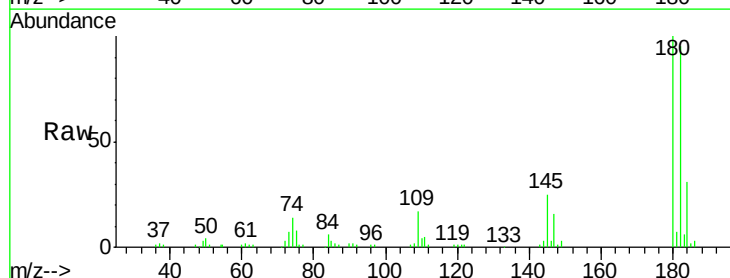


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

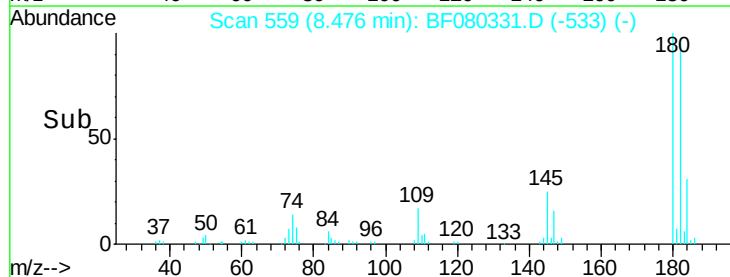
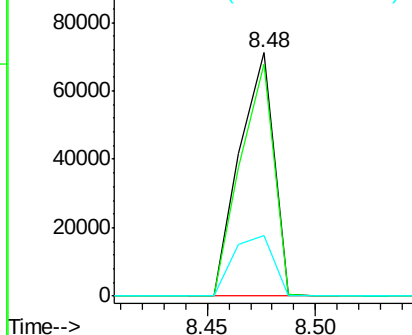


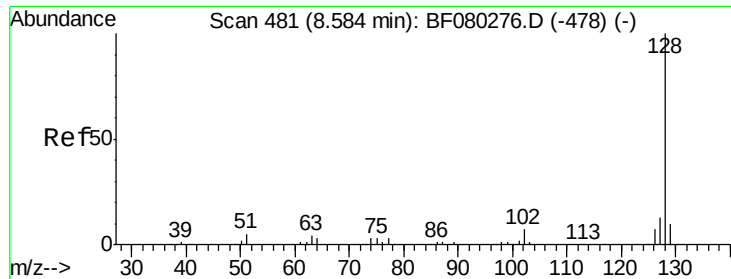
#30
1,2,4-Trichlorobenzene
Concen: 24.82 ng
RT: 8.48 min Scan# 559
Delta R.T. -0.00 min
Lab File: BF080331.D
Acq: 3 Jul 2015 8:31

Tgt Ion:180 Resp: 77800
Ion Ratio Lower Upper
180 100
182 95.4 73.8 110.6
145 25.0 25.6 38.4#



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

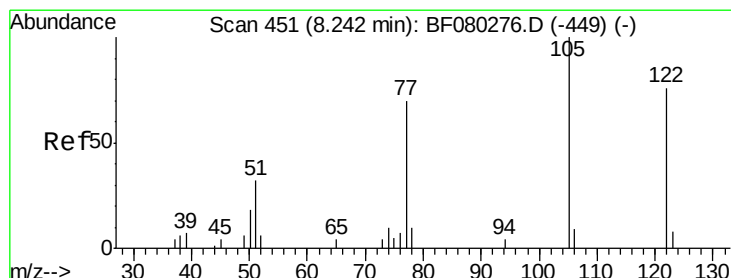
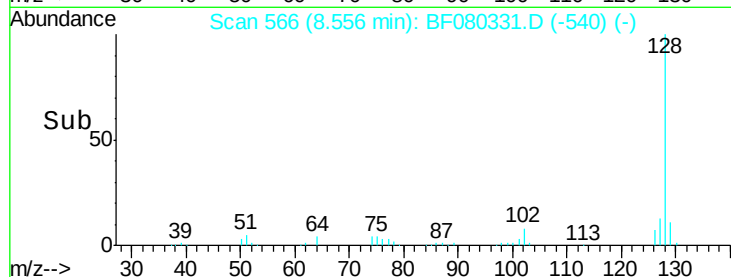
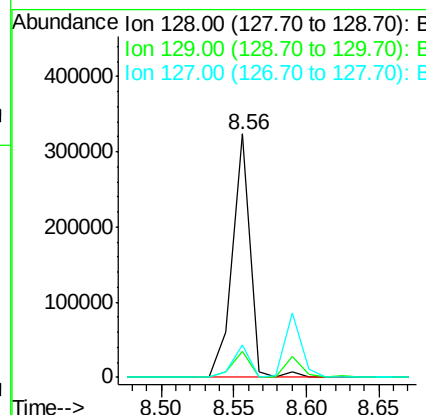
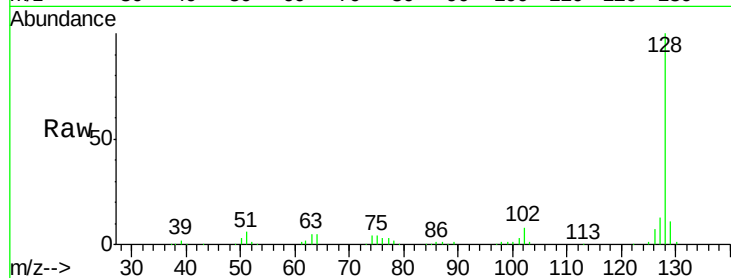




#31
Naphthalene
Concen: 27.84 ng
RT: 8.56 min Scan# 566
Delta R.T. -0.00 min
Lab File: BF080331.D
Acq: 3 Jul 2015 8:31

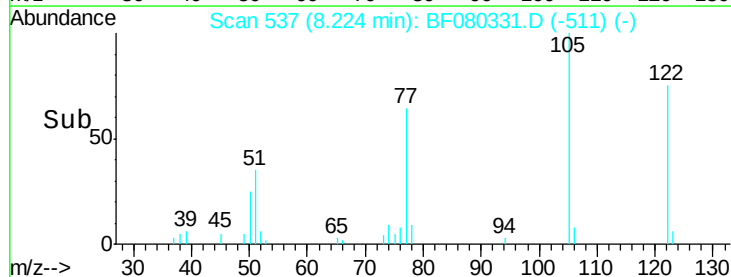
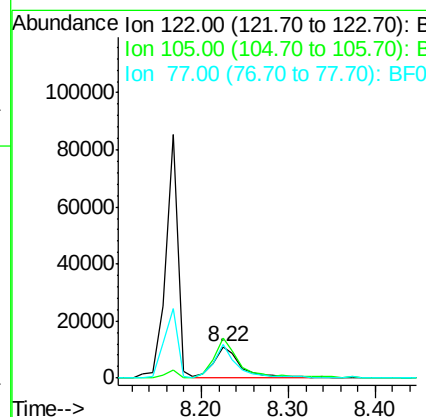
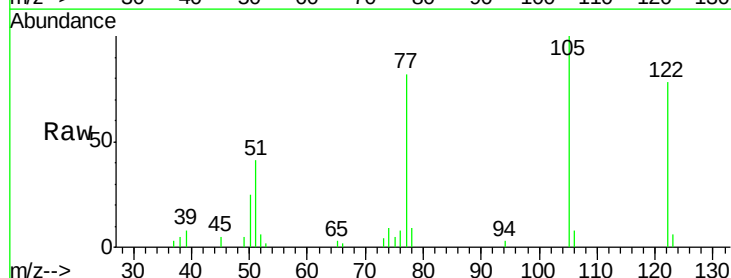
Instrument :
BNA_F
ClientSampleId :
IDOC-03-W-UM

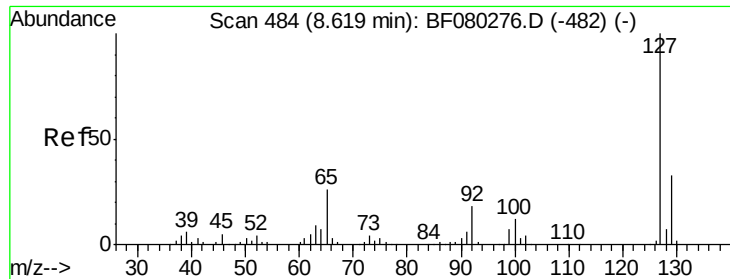
Tgt Ion:128 Resp: 273363
Ion Ratio Lower Upper
128 100
129 10.8 8.2 12.4
127 13.1 10.4 15.6



#32
Benzoic acid
Concen: 37.20 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.00 min
Lab File: BF080331.D
Acq: 3 Jul 2015 8:31

Tgt Ion:122 Resp: 24772
Ion Ratio Lower Upper
122 100
105 128.9 103.3 143.3
77 105.9 71.5 111.5

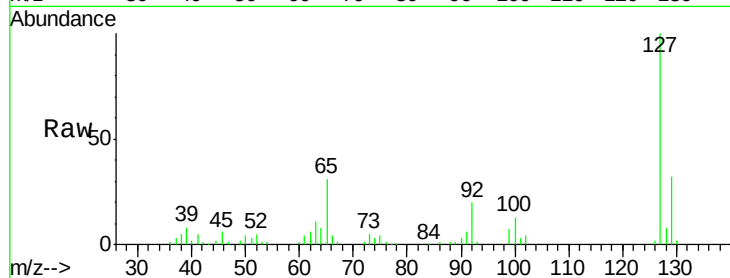




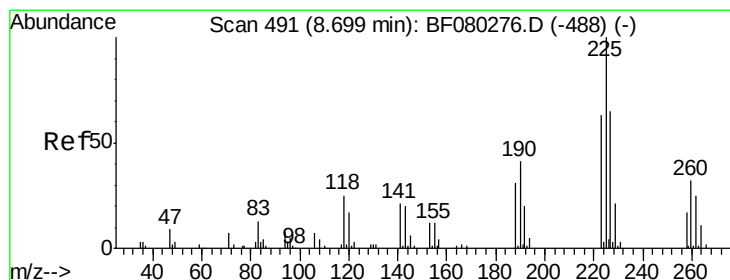
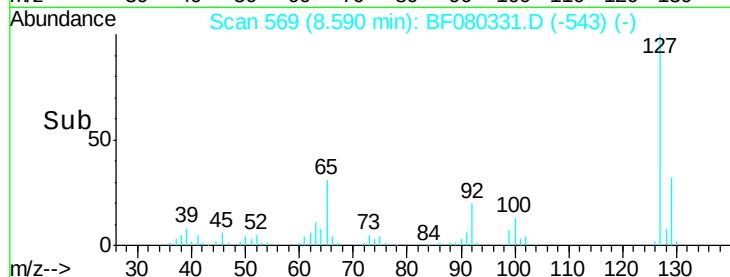
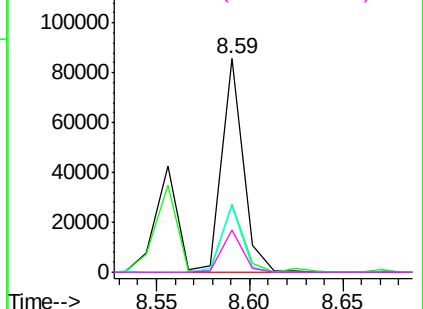
#33
4-Chloroaniline
Concen: 16.47 ng
RT: 8.59 min Scan# 569
Delta R.T. -0.00 min
Lab File: BF080331.D
Acq: 3 Jul 2015 8:31

Instrument :
BNA_F
ClientSampleId :
IDOC-03-W-UM

Tgt Ion:	127	Resp:	68621
Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.4	39.6
65	31.5	21.0	31.6
92	19.8	14.1	21.1

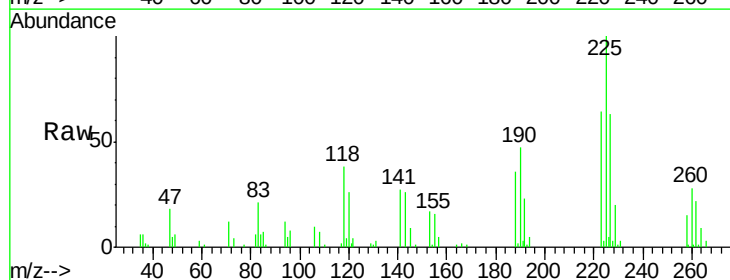


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

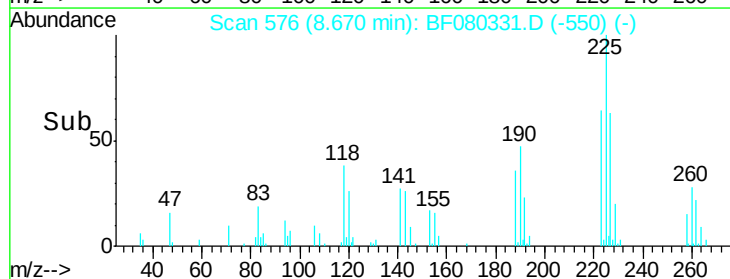
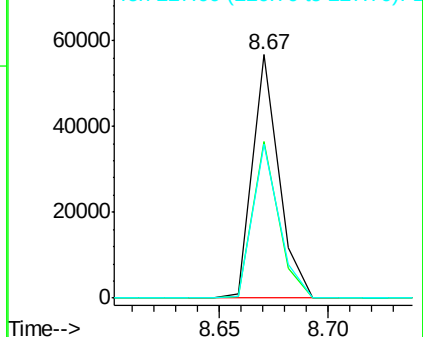


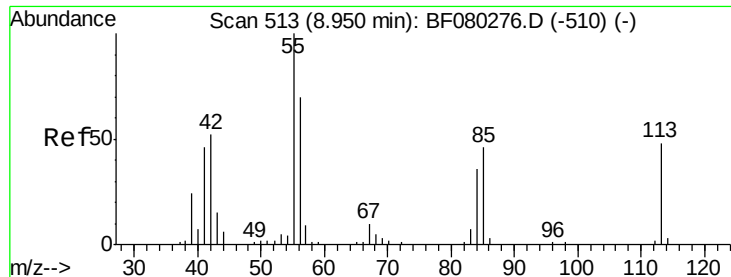
#34
Hexachlorobutadiene
Concen: 24.09 ng
RT: 8.67 min Scan# 576
Delta R.T. -0.00 min
Lab File: BF080331.D
Acq: 3 Jul 2015 8:31

Tgt Ion:	225	Resp:	47565
Ion	Ratio	Lower	Upper
225	100		
223	64.5	50.5	75.7
227	63.2	51.8	77.8



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





#35

Caprolactam

Concen: 26.32 ng

RT: 8.93 min Scan# 599

Delta R.T. 0.01 min

Lab File: BF080331.D

Acq: 3 Jul 2015 8:31

Instrument :

BNA_F

ClientSampleId :

IDOC-03-W-UM

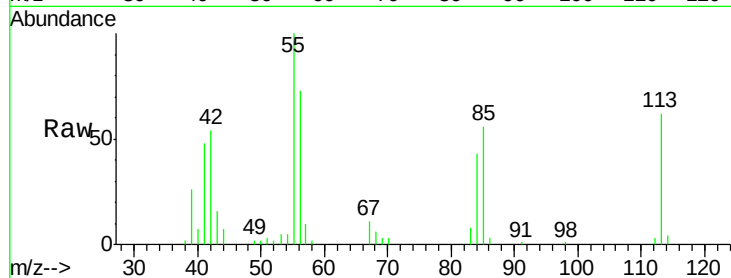
Tgt Ion:113 Resp: 21464

Ion Ratio Lower Upper

113 100

55 161.8 189.7 229.7#

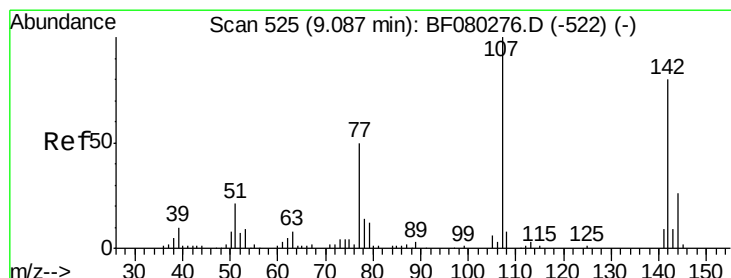
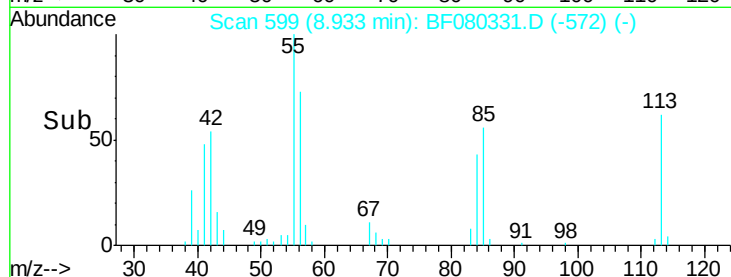
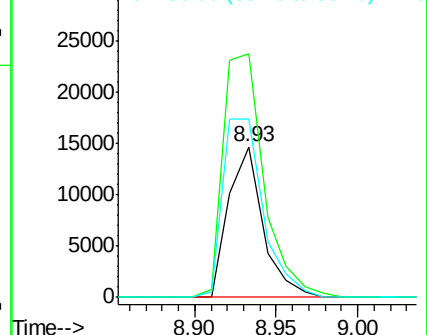
56 118.6 127.2 167.2#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 25.54 ng

RT: 9.06 min Scan# 610

Delta R.T. -0.00 min

Lab File: BF080331.D

Acq: 3 Jul 2015 8:31

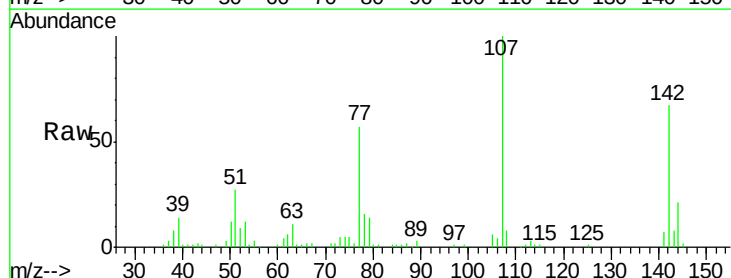
Tgt Ion:107 Resp: 74311

Ion Ratio Lower Upper

107 100

144 21.0 20.4 30.6

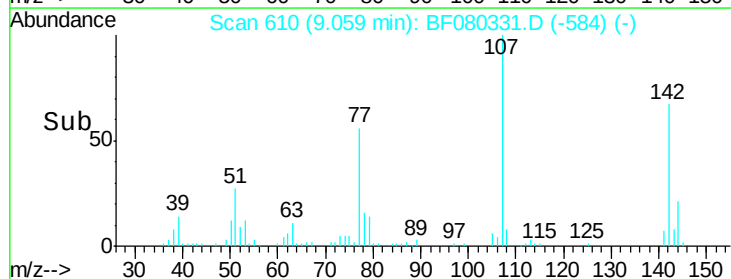
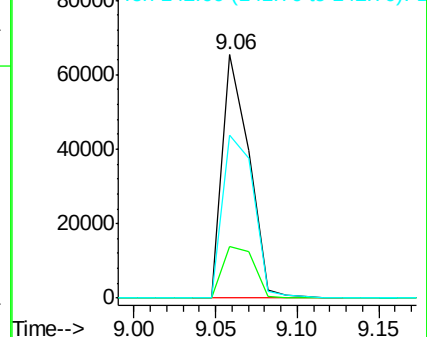
142 66.9 63.8 95.6

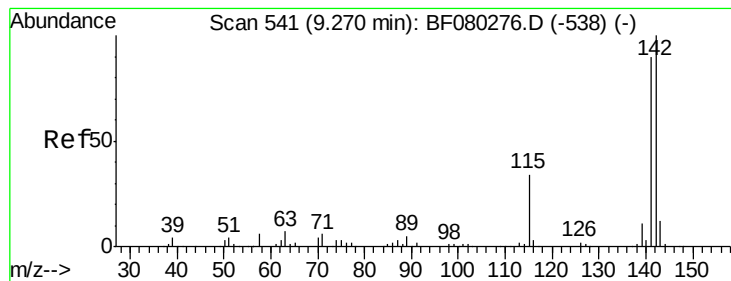


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 25.29 ng

RT: 9.24 min Scan# 626

Delta R.T. -0.00 min

Lab File: BF080331.D

Acq: 3 Jul 2015 8:31

Instrument :

BNA_F

ClientSampleId :

IDOC-03-W-UM

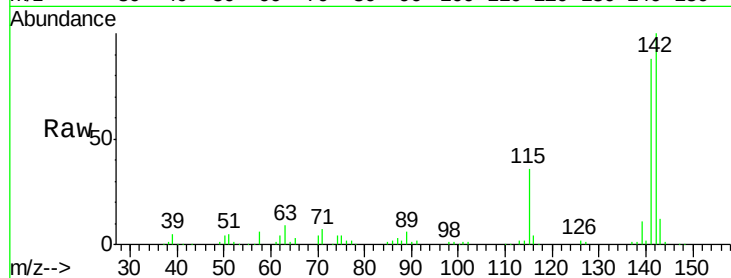
Tgt Ion:142 Resp: 170006

Ion Ratio Lower Upper

142 100

141 88.0 71.8 107.6

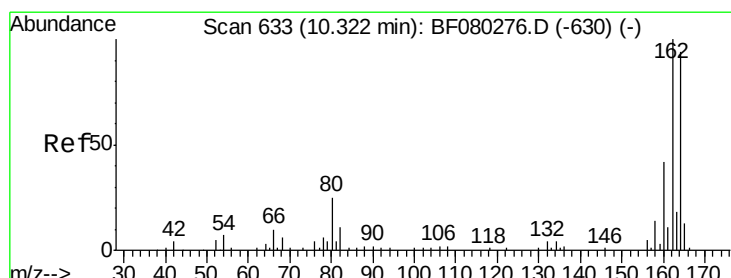
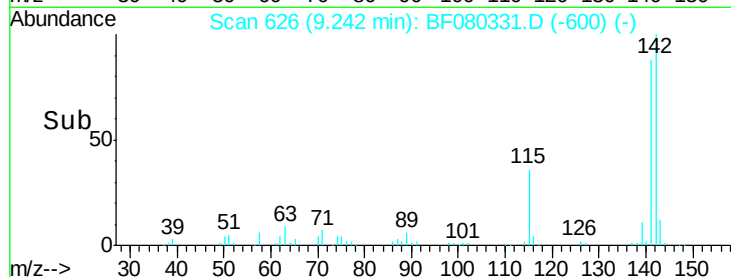
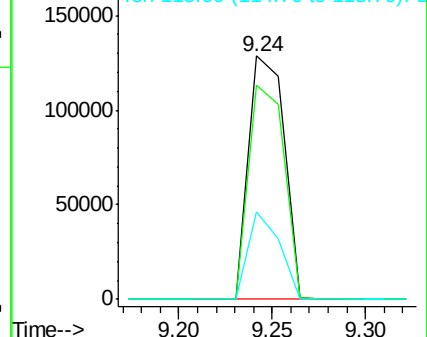
115 35.9 27.4 41.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.30 min Scan# 719

Delta R.T. -0.00 min

Lab File: BF080331.D

Acq: 3 Jul 2015 8:31

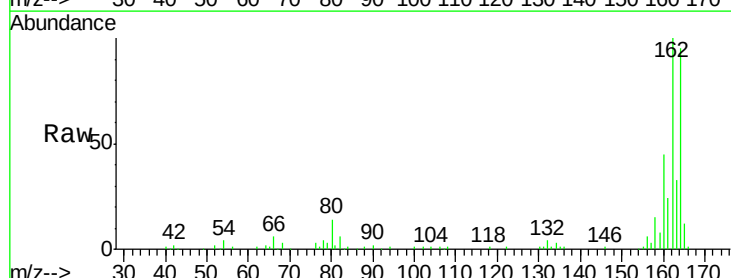
Tgt Ion:164 Resp: 96774

Ion Ratio Lower Upper

164 100

162 104.8 84.8 127.2

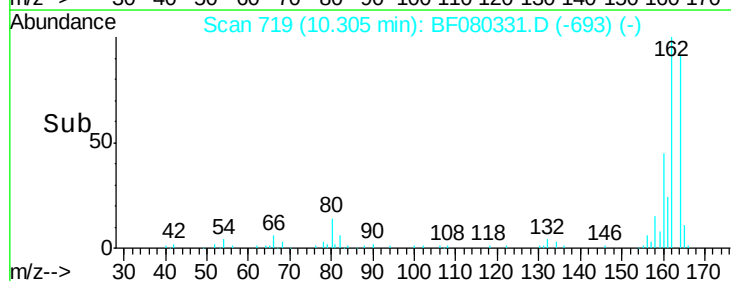
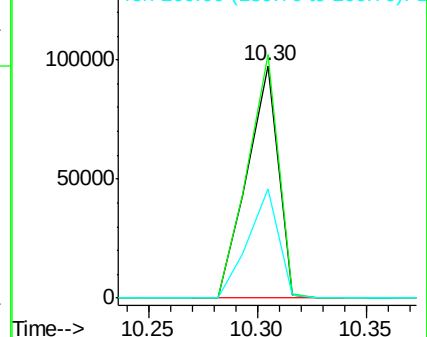
160 46.9 35.8 53.8

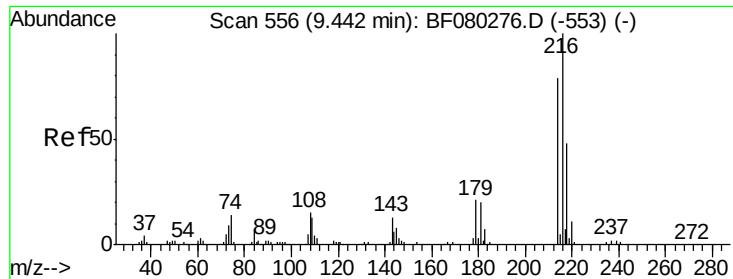


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

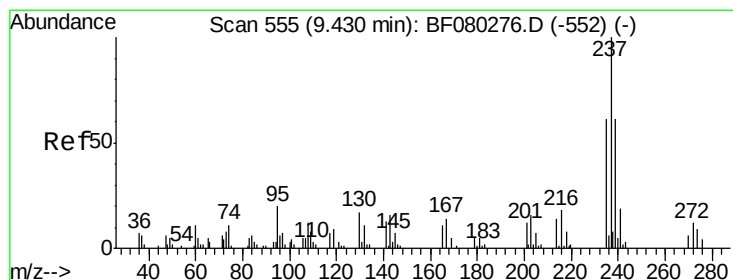
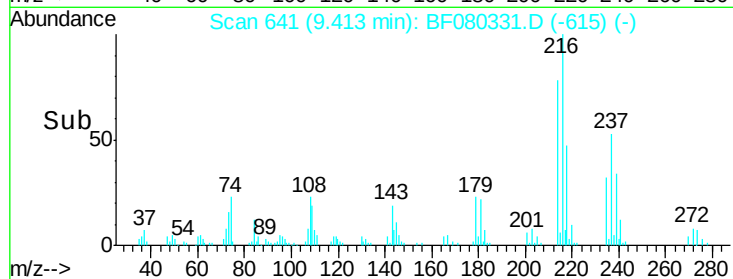
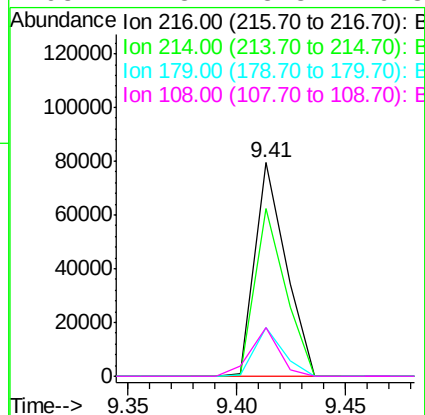
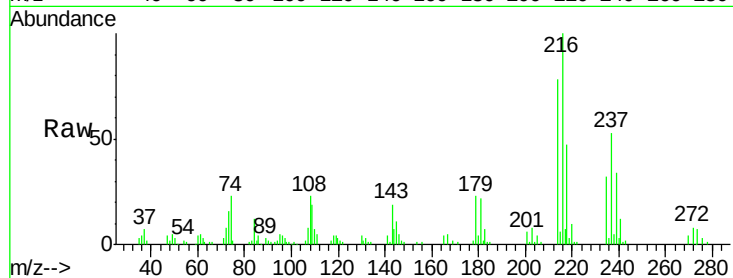




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 24.42 ng
 RT: 9.41 min Scan# 641
 Delta R.T. -0.00 min
 Lab File: BF080331.D
 Acq: 3 Jul 2015 8:31

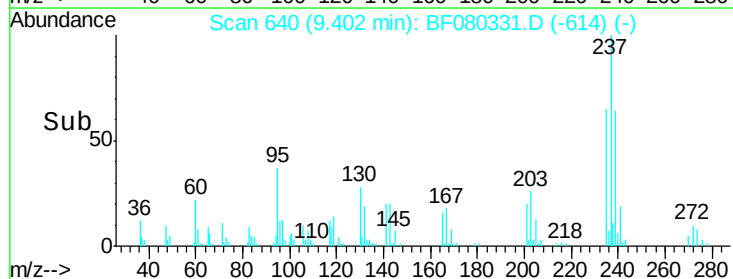
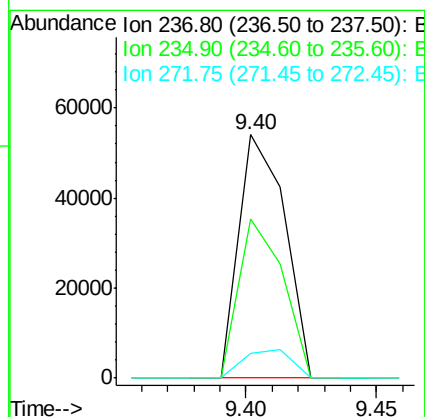
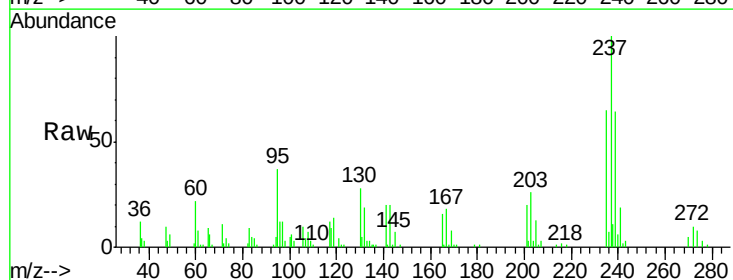
Instrument :
 BNA_F
 ClientSampleId :
 IDOC-03-W-UM

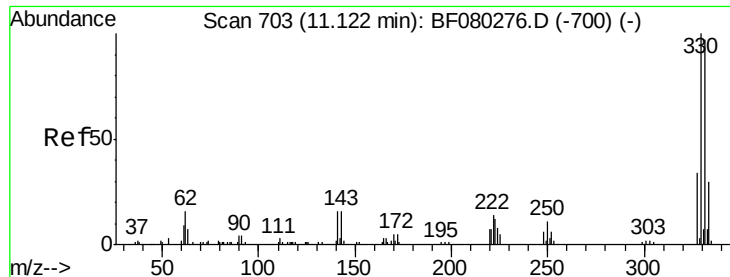
Tgt Ion:	216	Resp:	78631
Ion	Ratio	Lower	Upper
216	100		
214	77.3	63.0	94.6
179	20.9	16.8	25.2
108	21.3	13.8	20.8#



#40
 Hexachlorocyclopentadiene
 Concen: 54.80 ng
 RT: 9.40 min Scan# 640
 Delta R.T. -0.00 min
 Lab File: BF080331.D
 Acq: 3 Jul 2015 8:31

Tgt Ion:	237	Resp:	66202
Ion	Ratio	Lower	Upper
237	100		
235	65.5	41.3	81.3
272	9.9	0.0	31.8

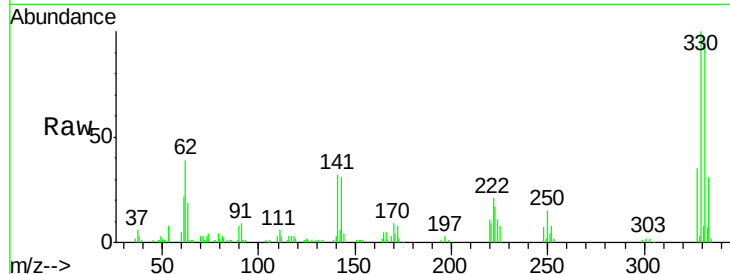




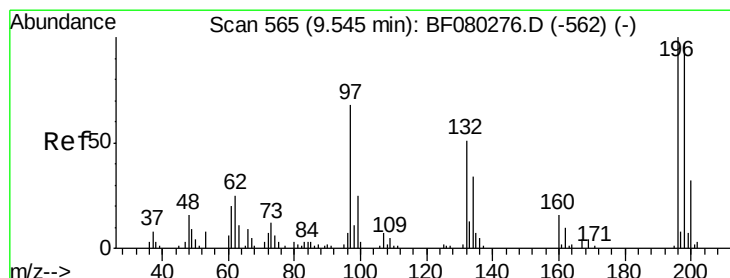
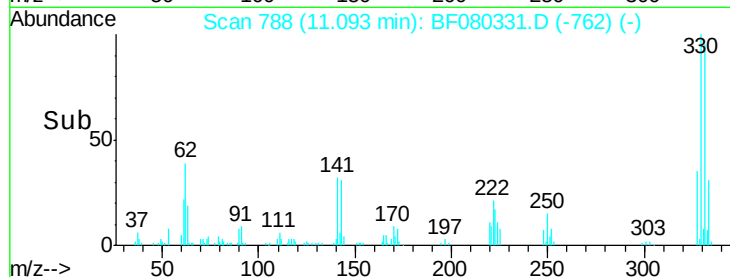
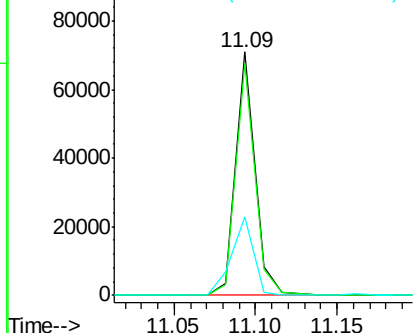
#41
 2,4,6-Tribromophenol
 Concen: 62.56 ng
 RT: 11.09 min Scan# 788
 Delta R.T. -0.00 min
 Lab File: BF080331.D
 Acq: 3 Jul 2015 8:31

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-03-W-UM

Tgt Ion:330 Resp: 57645
 Ion Ratio Lower Upper
 330 100
 332 94.4 77.4 116.2
 141 36.6 28.0 42.0

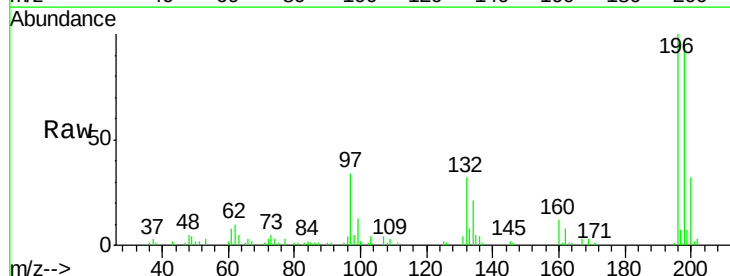


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

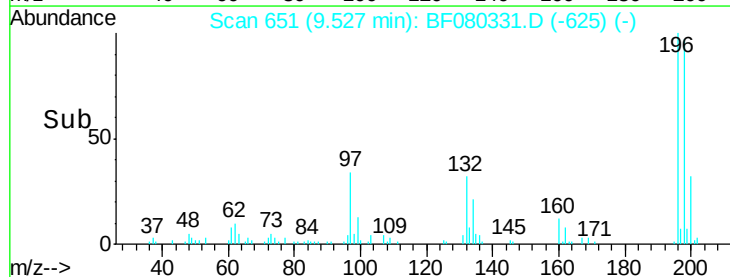
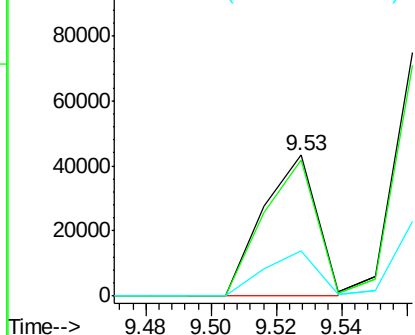


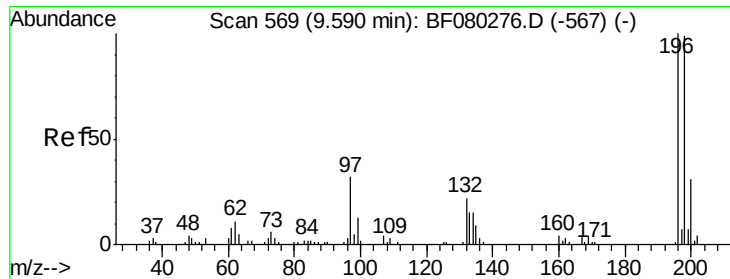
#42
 2,4,6-Trichlorophenol
 Concen: 24.34 ng
 RT: 9.53 min Scan# 651
 Delta R.T. -0.00 min
 Lab File: BF080331.D
 Acq: 3 Jul 2015 8:31

Tgt Ion:196 Resp: 49630
 Ion Ratio Lower Upper
 196 100
 198 96.8 77.7 116.5
 200 32.1 25.6 38.4



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

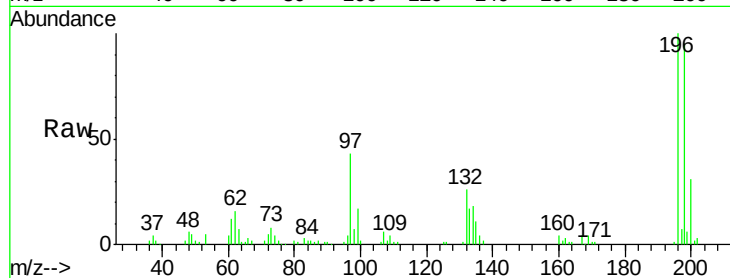




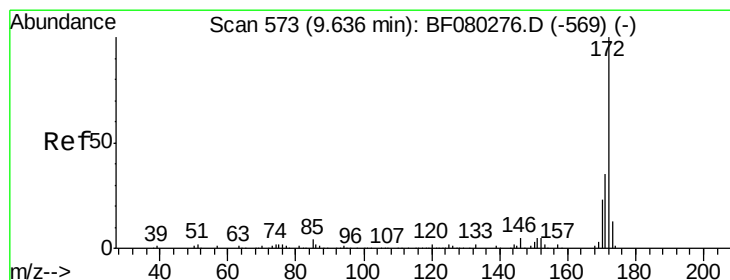
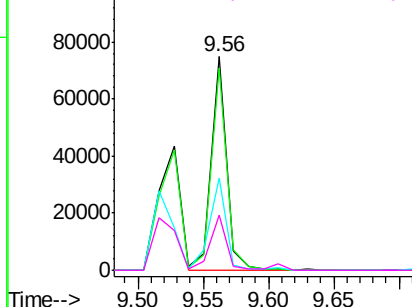
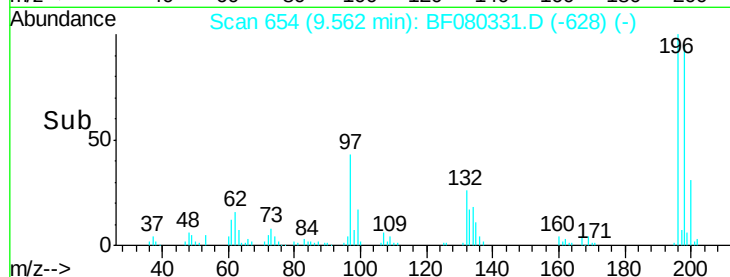
#43
 2,4,5-Trichlorophenol
 Concen: 28.09 ng
 RT: 9.56 min Scan# 654
 Delta R.T. -0.00 min
 Lab File: BF080331.D
 Acq: 3 Jul 2015 8:31

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-03-W-UM

Tgt Ion:196 Resp: 61703
 Ion Ratio Lower Upper
 196 100
 198 94.7 79.4 119.2
 97 43.4 25.9 38.9#
 132 26.1 17.3 25.9#

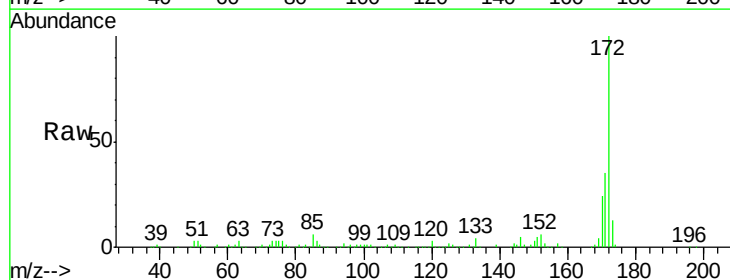


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

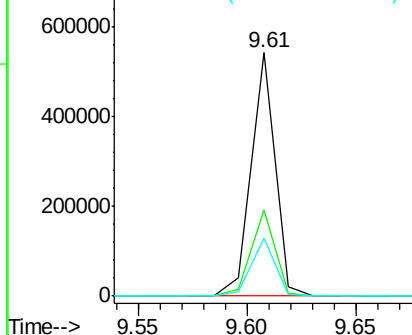
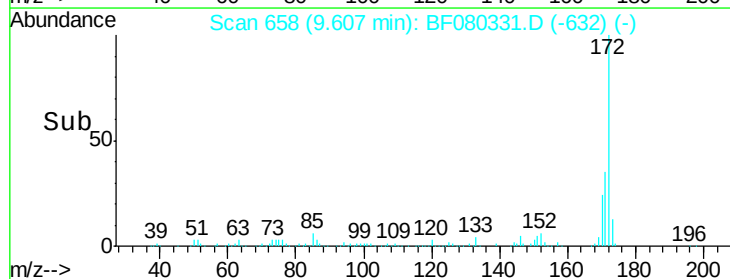


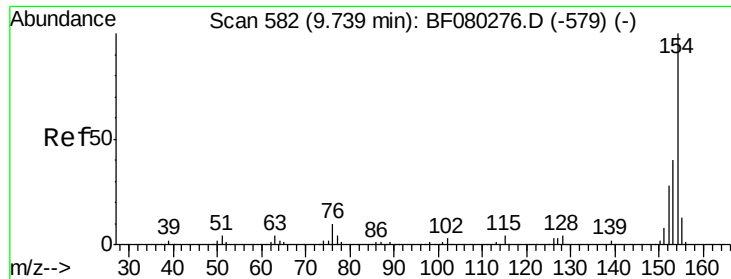
#44
 2-Fluorobiphenyl
 Concen: 61.61 ng
 RT: 9.61 min Scan# 658
 Delta R.T. -0.00 min
 Lab File: BF080331.D
 Acq: 3 Jul 2015 8:31

Tgt Ion:172 Resp: 414271
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.1 42.1
 170 23.7 18.6 28.0



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

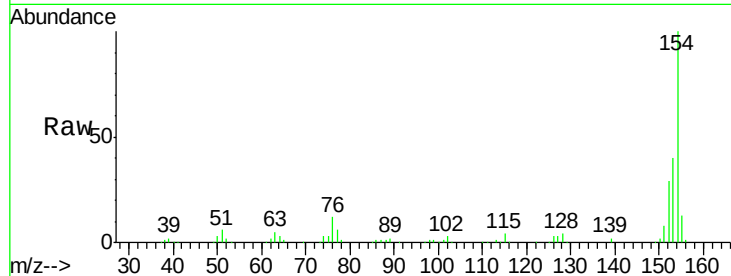




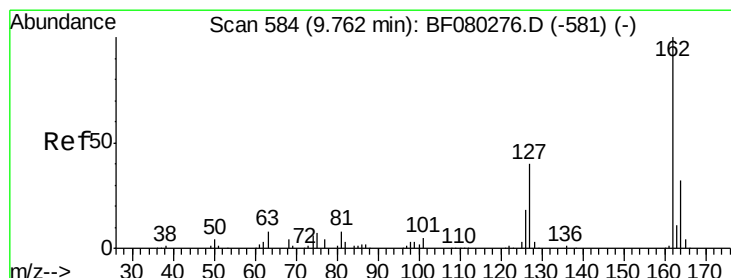
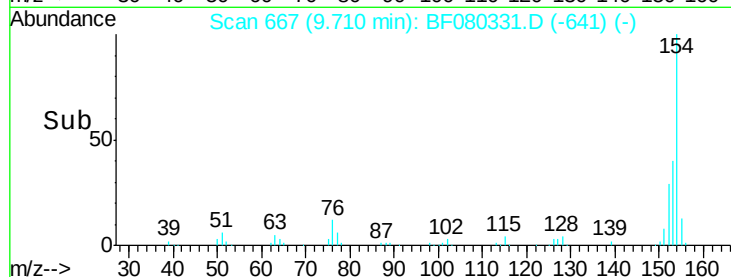
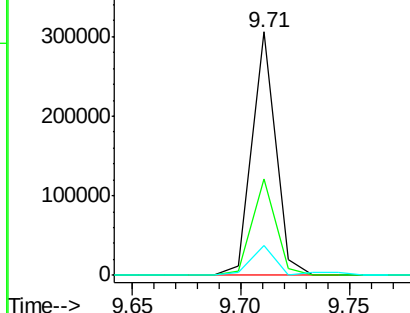
#45
 1,1'-Biphenyl
 Concen: 28.17 ng
 RT: 9.71 min Scan# 667
 Delta R.T. -0.00 min
 Lab File: BF080331.D
 Acq: 3 Jul 2015 8:31

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-03-W-UM

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.8	20.3	60.3
76	12.3	0.0	30.3

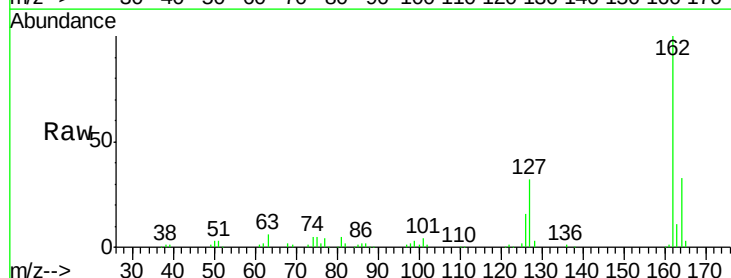


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

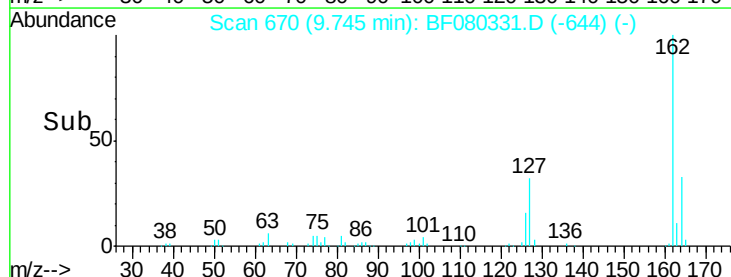
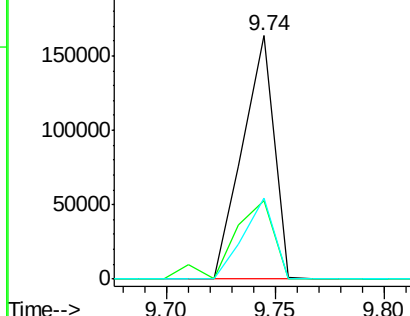


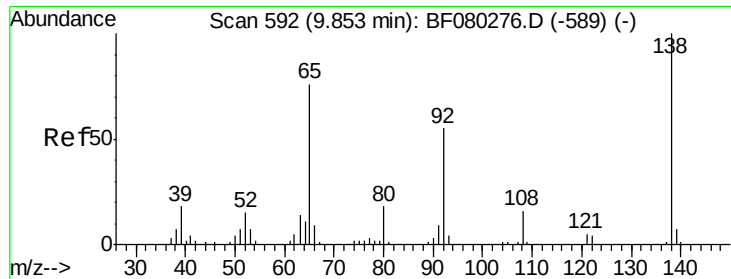
#46
 2-Chloronaphthalene
 Concen: 25.95 ng
 RT: 9.74 min Scan# 670
 Delta R.T. -0.00 min
 Lab File: BF080331.D
 Acq: 3 Jul 2015 8:31

Tgt Ion	Ratio	Lower	Upper
162	100		
127	32.5	33.4	50.0#
164	33.4	25.3	37.9



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

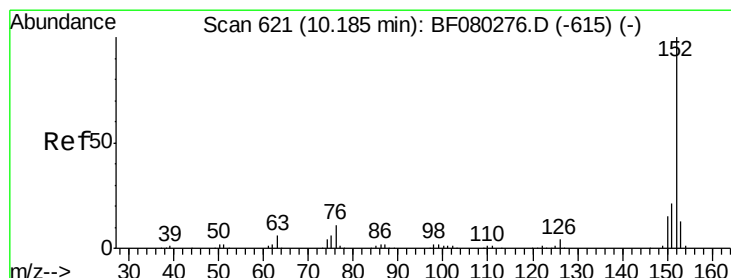
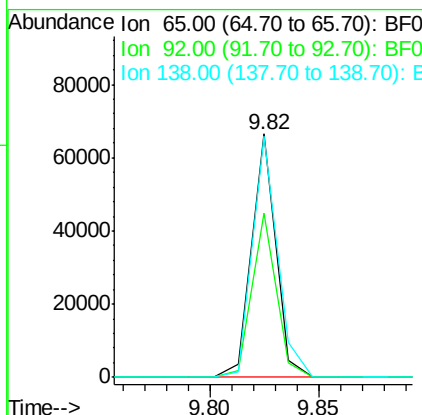
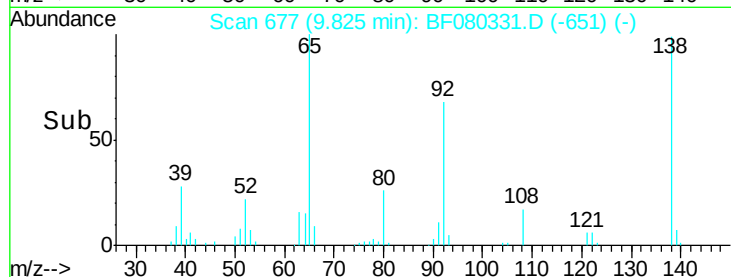
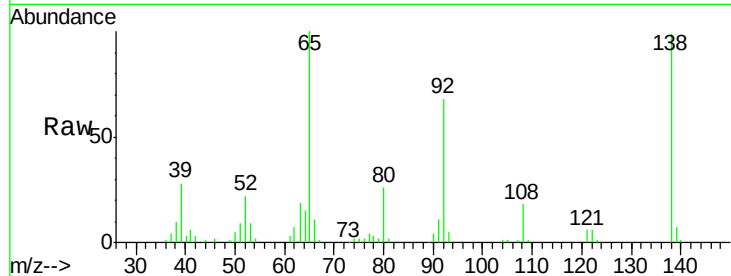




#47
 2-Nitroaniline
 Concen: 28.02 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.00 min
 Lab File: BF080331.D
 Acq: 3 Jul 2015 8:31

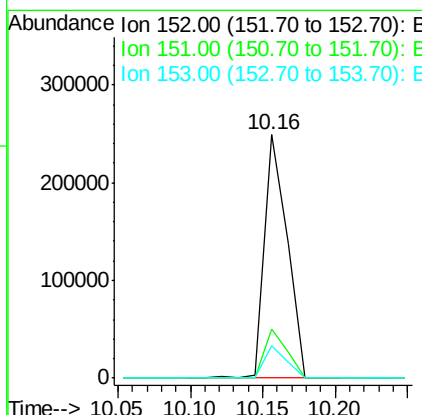
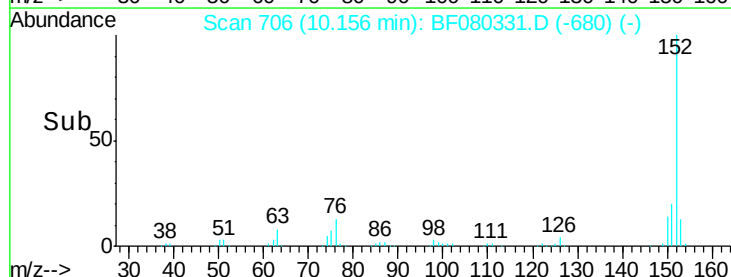
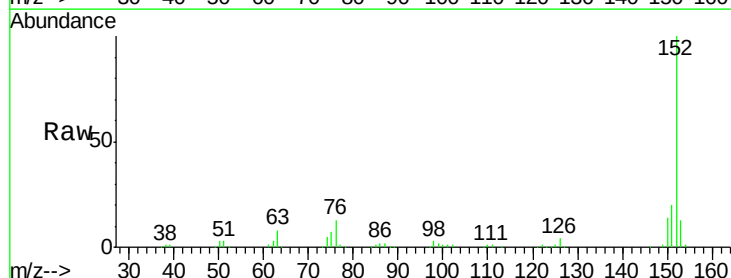
Instrument :
 BNA_F
 ClientSampleId :
 IDOC-03-W-UM

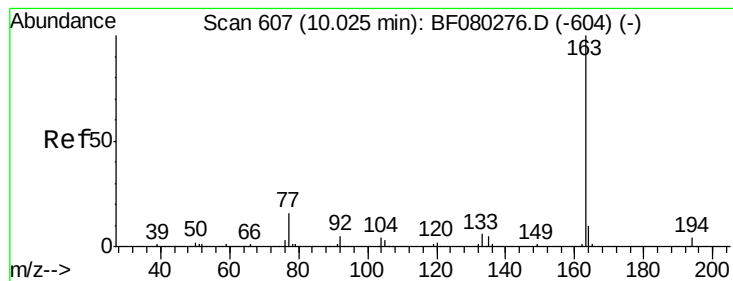
Tgt Ion: 65 Resp: 51335
 Ion Ratio Lower Upper
 65 100
 92 67.6 58.0 87.0
 138 98.9 104.8 157.2#



#48
 Acenaphthylene
 Concen: 24.24 ng
 RT: 10.16 min Scan# 706
 Delta R.T. -0.00 min
 Lab File: BF080331.D
 Acq: 3 Jul 2015 8:31

Tgt Ion: 152 Resp: 268164
 Ion Ratio Lower Upper
 152 100
 151 20.2 16.7 25.1
 153 13.3 10.7 16.1





#49

Dimethylphthalate

Concen: 26.21 ng

RT: 10.00 min Scan# 692

Delta R.T. -0.00 min

Lab File: BF080331.D

Acq: 3 Jul 2015 8:31

Instrument :

BNA_F

ClientSampleId :

IDOC-03-W-UM

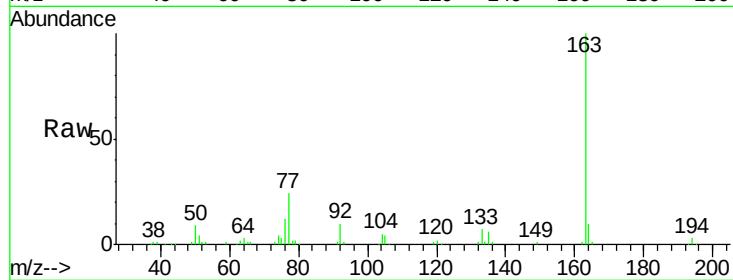
Tgt Ion:163 Resp: 193734

Ion Ratio Lower Upper

163 100

194 3.1 3.0 4.4

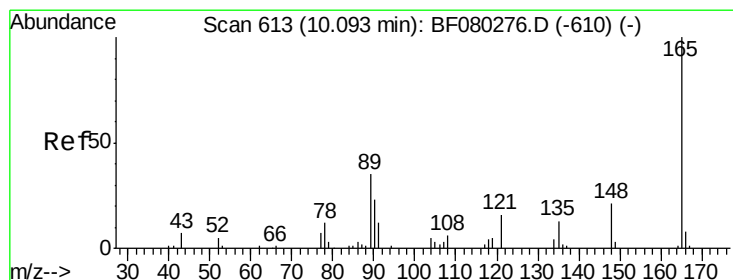
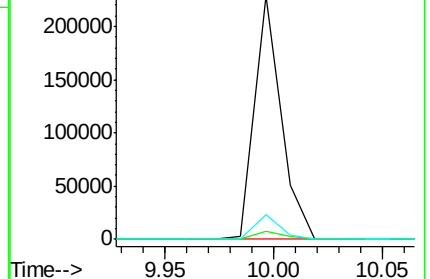
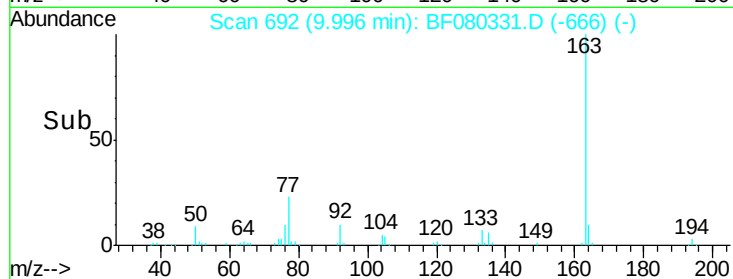
164 10.4 7.9 11.9



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: 29.09 ng

RT: 10.06 min Scan# 698

Delta R.T. -0.00 min

Lab File: BF080331.D

Acq: 3 Jul 2015 8:31

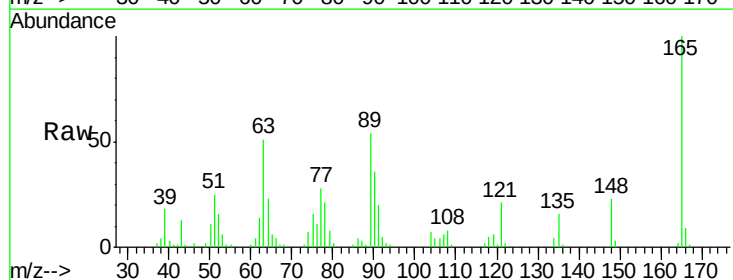
Tgt Ion:165 Resp: 43964

Ion Ratio Lower Upper

165 100

63 51.2 23.4 35.0#

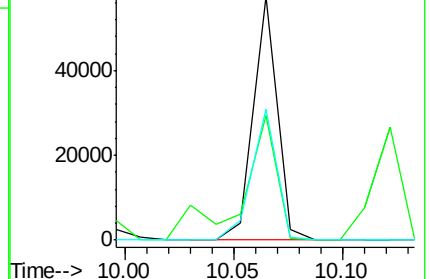
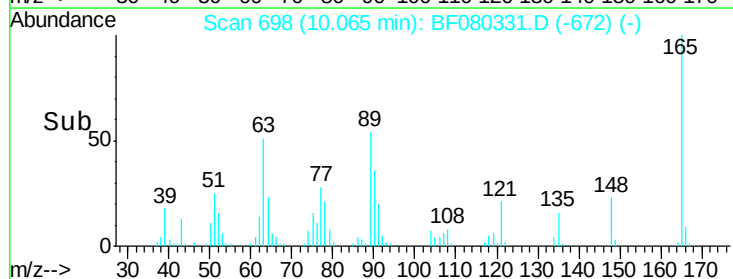
89 53.7 27.7 41.5#

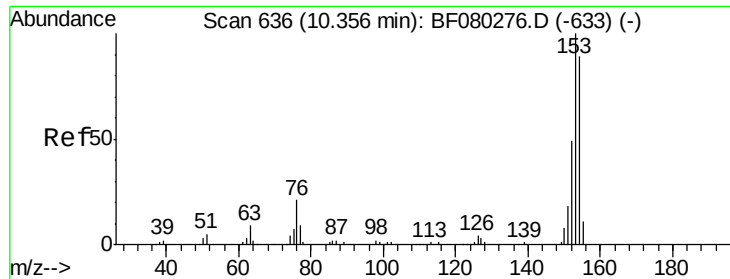


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 27.32 ng

RT: 10.34 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF080331.D

Acq: 3 Jul 2015 8:31

Instrument :

BNA_F

ClientSampleId :

IDOC-03-W-UM

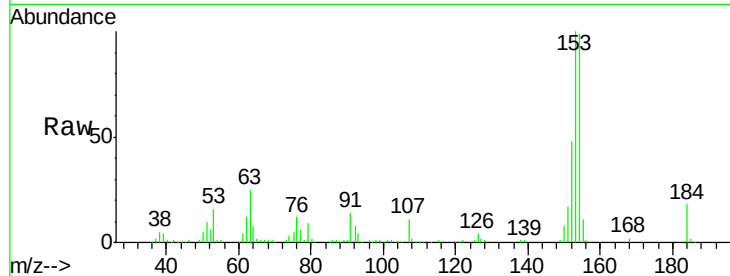
Tgt Ion:154 Resp: 174011

Ion Ratio Lower Upper

154 100

153 101.2 90.4 135.6

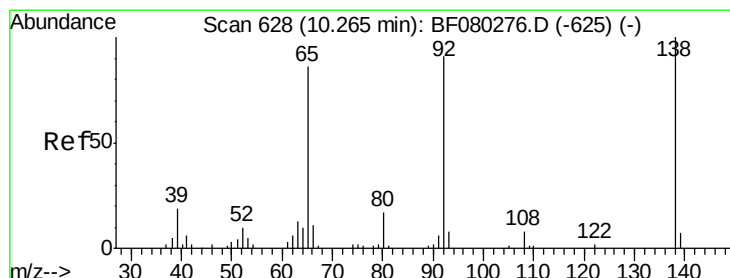
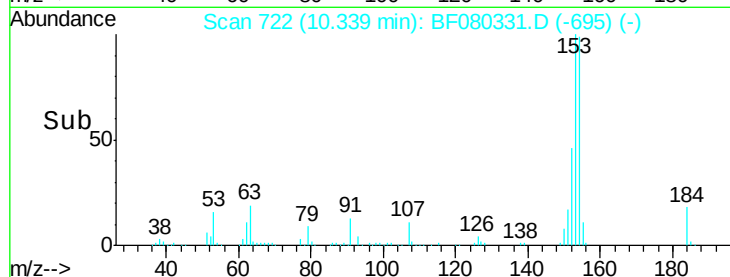
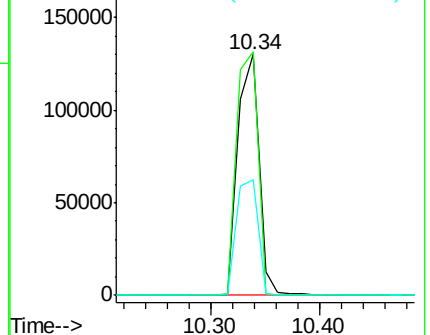
152 48.2 43.9 65.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 19.51 ng

RT: 10.24 min Scan# 713

Delta R.T. -0.00 min

Lab File: BF080331.D

Acq: 3 Jul 2015 8:31

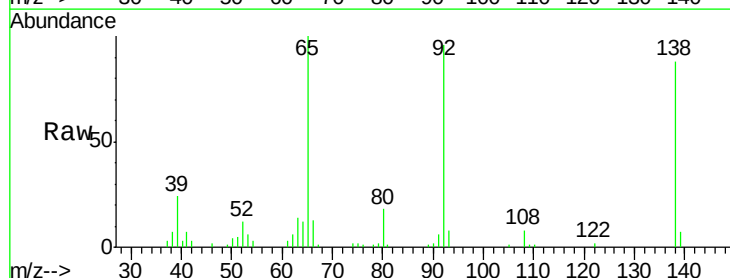
Tgt Ion:138 Resp: 33829

Ion Ratio Lower Upper

138 100

108 9.4 6.7 10.1

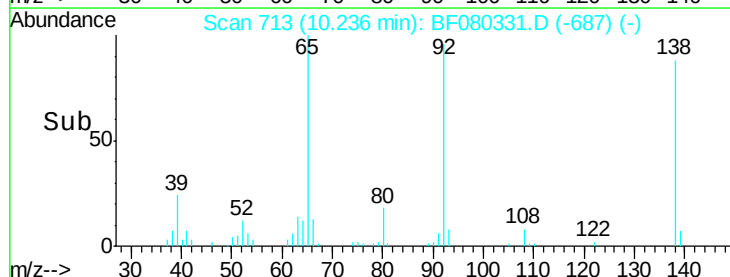
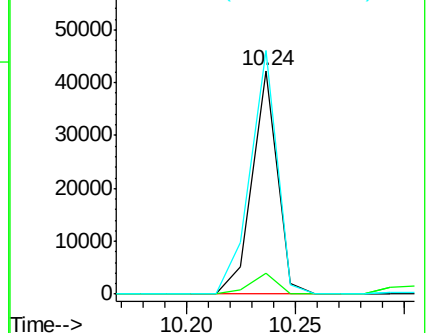
92 108.9 72.6 109.0

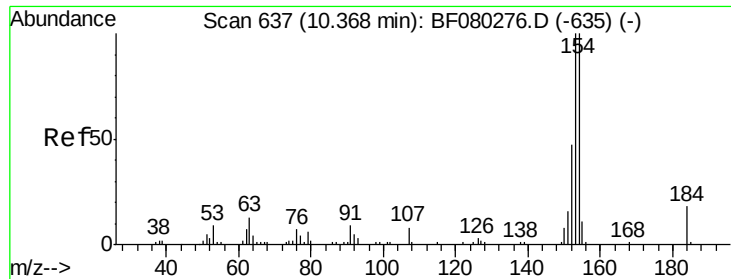


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

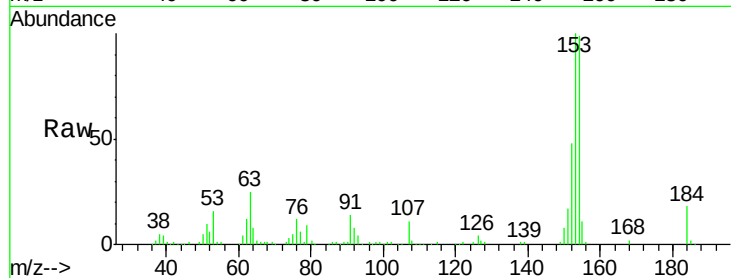




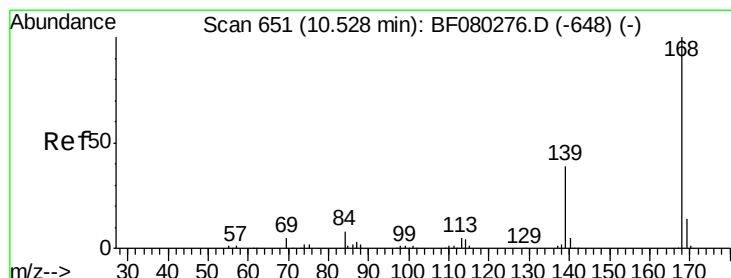
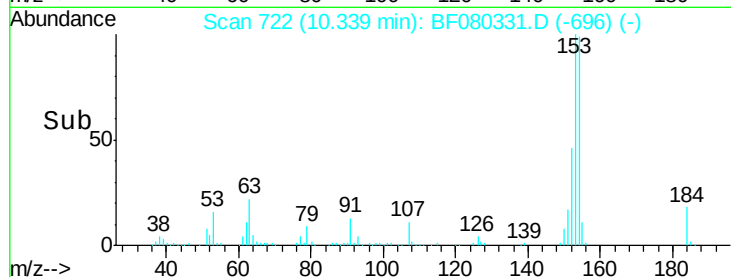
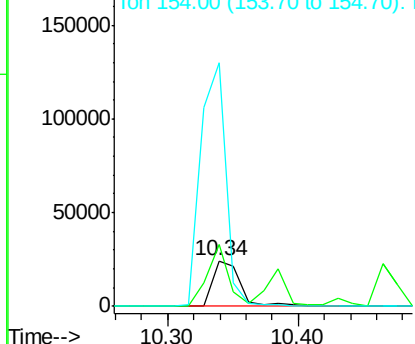
#53
2,4-Dinitrophenol
Concen: 66.11 ng
RT: 10.34 min Scan# 722
Delta R.T. -0.00 min
Lab File: BF080331.D
Acq: 3 Jul 2015 8:31

Instrument :
BNA_F
ClientSampleId :
IDOC-03-W-UM

Tgt Ion:184 Resp: 35773
Ion Ratio Lower Upper
184 100
63 136.5 65.0 97.6#
154 538.9 473.1 709.7

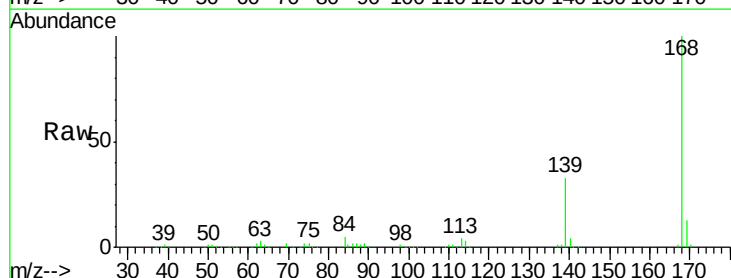


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

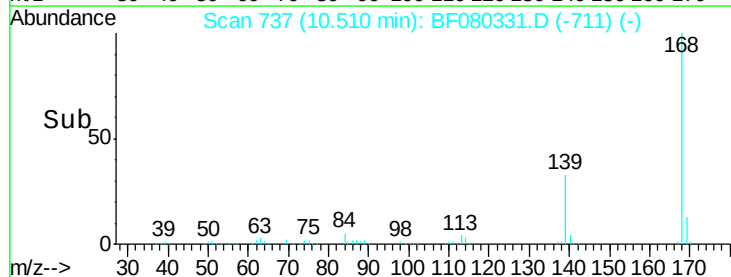
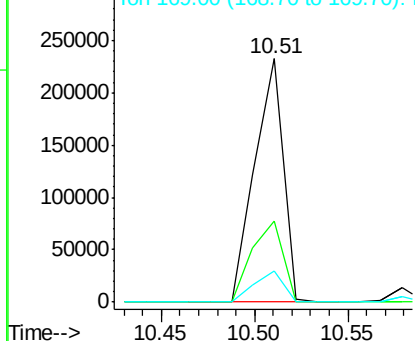


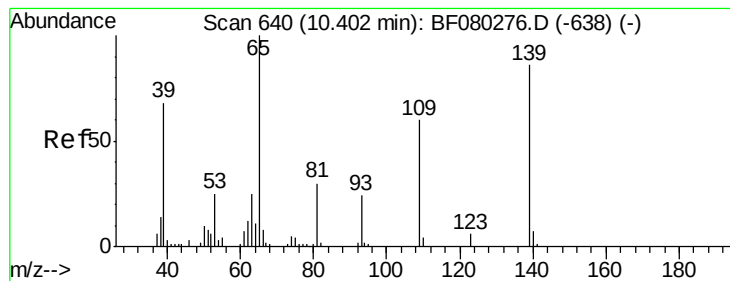
#54
Dibenzofuran
Concen: 27.20 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.00 min
Lab File: BF080331.D
Acq: 3 Jul 2015 8:31

Tgt Ion:168 Resp: 244544
Ion Ratio Lower Upper
168 100
139 33.2 31.5 47.3
169 12.8 11.0 16.4



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: 59.86 ng

RT: 10.38 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF080331.D

Acq: 3 Jul 2015 8:31

Instrument :

BNA_F

ClientSampleId :

IDOC-03-W-UM

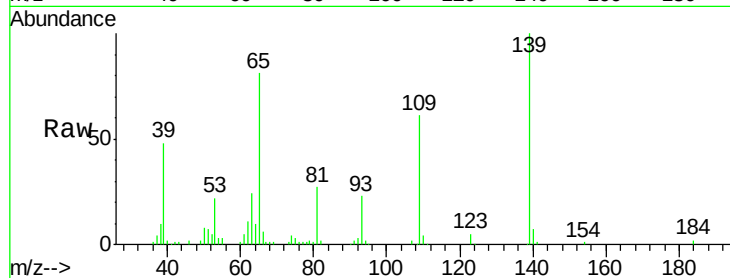
Tgt Ion:139 Resp: 76698

Ion Ratio Lower Upper

139 100

109 61.2 50.2 90.2

65 81.0 96.7 136.7#

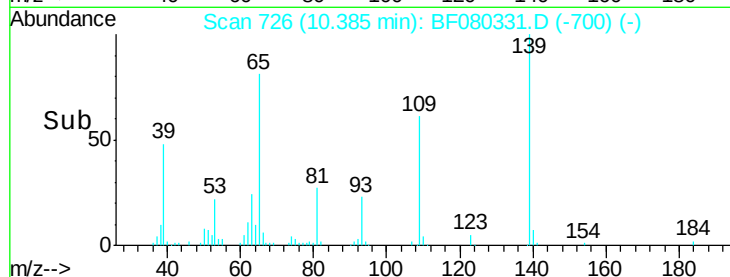


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

Time--> 10.30 10.40 10.50

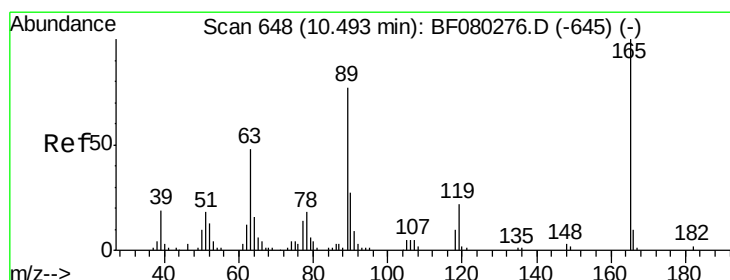


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

Time--> 10.30 10.40 10.50



#56

2,4-Dinitrotoluene

Concen: 27.81 ng

RT: 10.48 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF080331.D

Acq: 3 Jul 2015 8:31

Tgt Ion:165 Resp: 54488

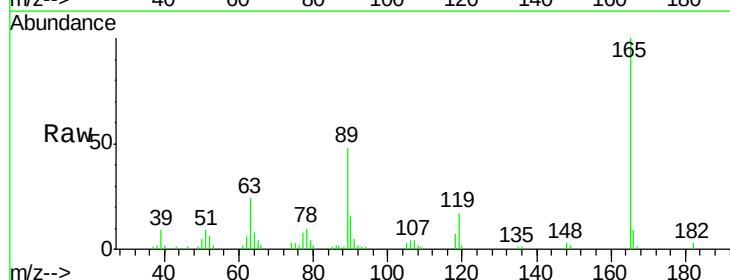
Ion Ratio Lower Upper

165 100

63 24.4 38.7 58.1#

89 47.5 62.0 93.0#

182 2.6 1.8 2.8



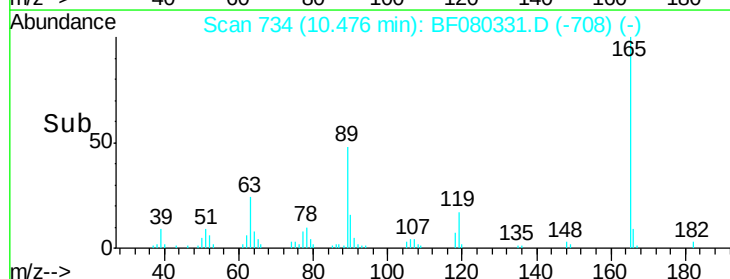
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

Time--> 10.45 10.50



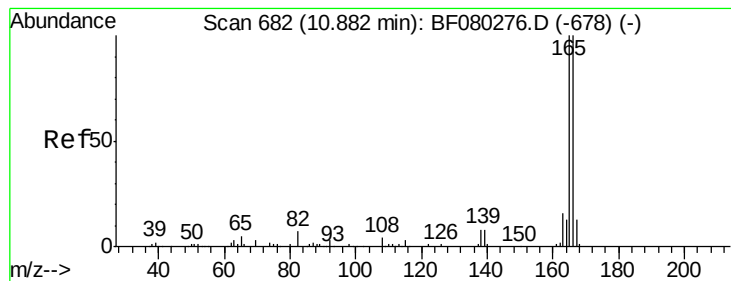
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

Time--> 10.45 10.50



#57

Fluorene

Concen: 28.63 ng

RT: 10.85 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF080331.D

Acq: 3 Jul 2015 8:31

Instrument :

BNA_F

ClientSampleId :

IDOC-03-W-UM

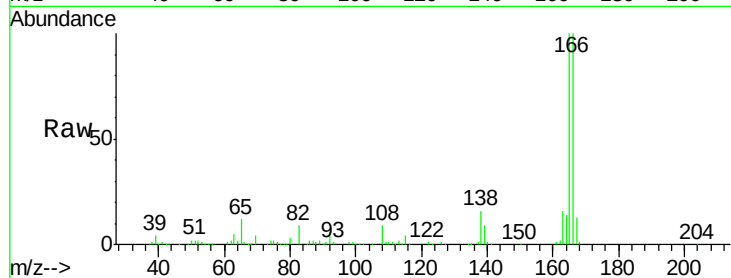
Tgt Ion:166 Resp: 213451

Ion Ratio Lower Upper

166 100

165 100.4 79.9 119.9

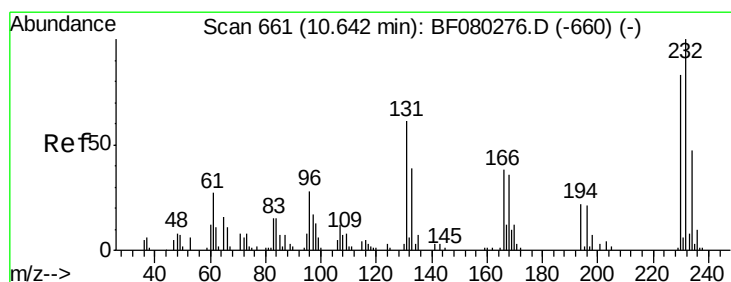
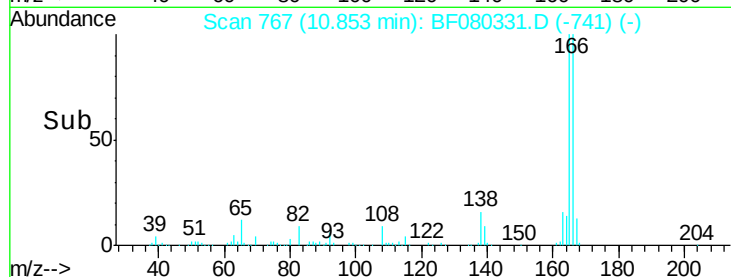
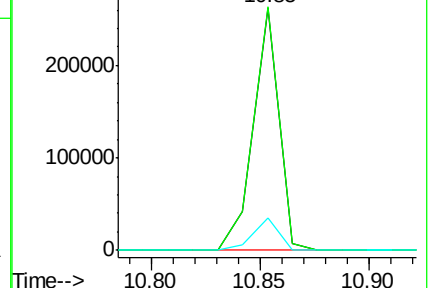
167 13.3 10.3 15.5



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 28.70 ng

RT: 10.62 min Scan# 747

Delta R.T. -0.00 min

Lab File: BF080331.D

Acq: 3 Jul 2015 8:31

Tgt Ion:232 Resp: 49127

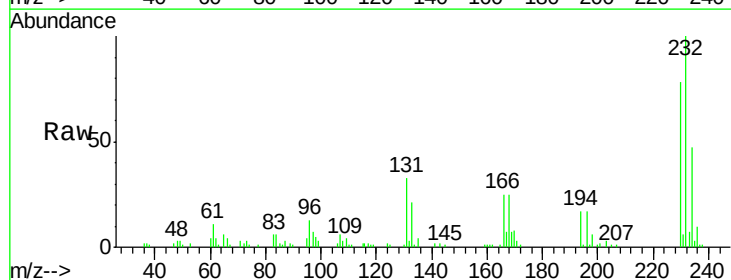
Ion Ratio Lower Upper

232 100

131 41.9 37.0 55.6

130 1.9 1.5 2.3

166 28.4 24.4 36.6

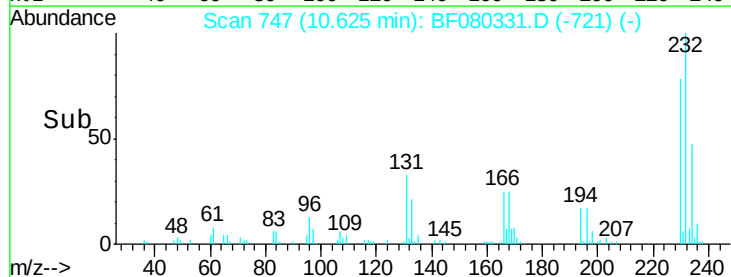
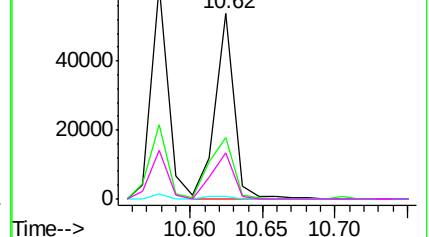


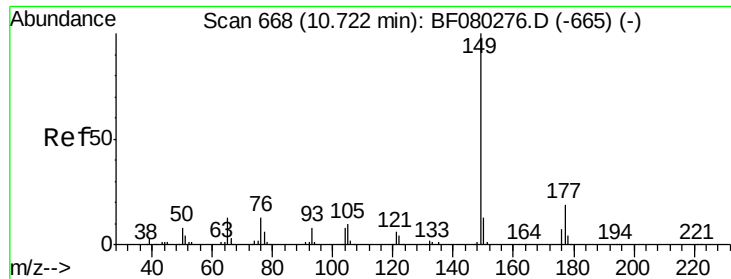
Abundance Ion 232.00 (231.70 to 232.70): E

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

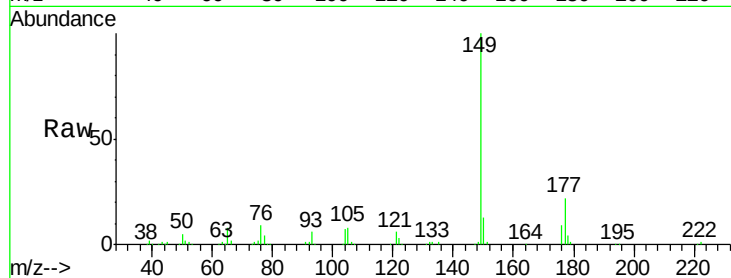




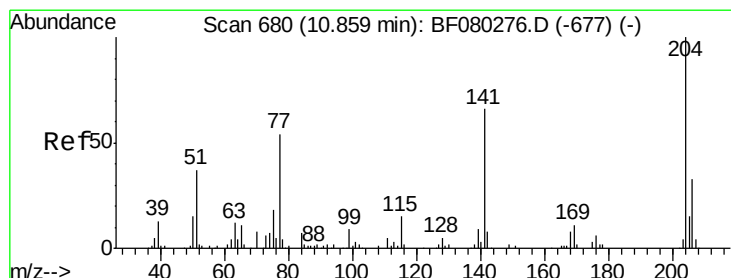
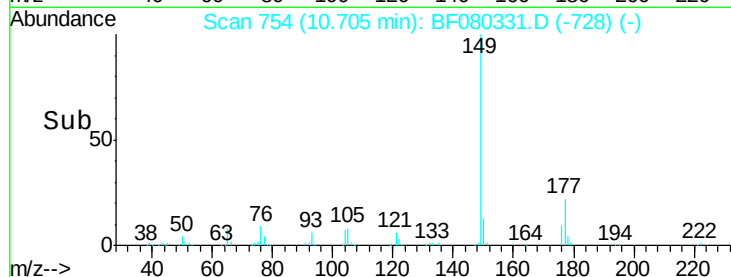
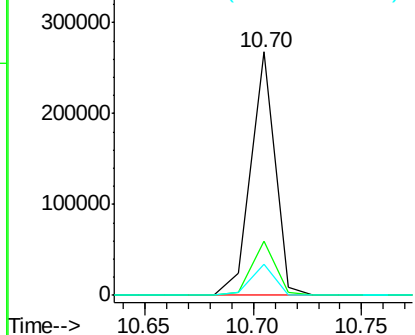
#59
Diethylphthalate
Concen: 29.42 ng
RT: 10.70 min Scan# 754
Delta R.T. -0.00 min
Lab File: BF080331.D
Acq: 3 Jul 2015 8:31

Instrument :
BNA_F
ClientSampleId :
IDOC-03-W-UM

Tgt Ion:149 Resp: 206727
Ion Ratio Lower Upper
149 100
177 22.5 15.4 23.0
150 12.7 10.5 15.7

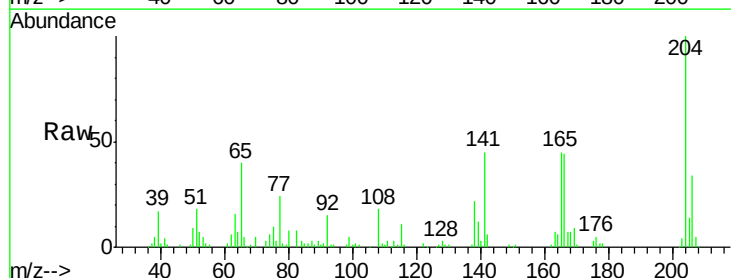


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

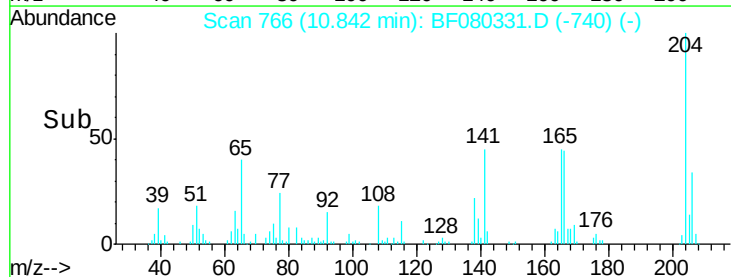
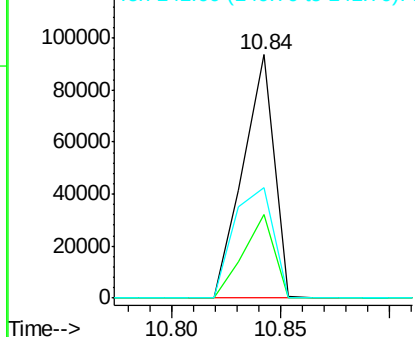


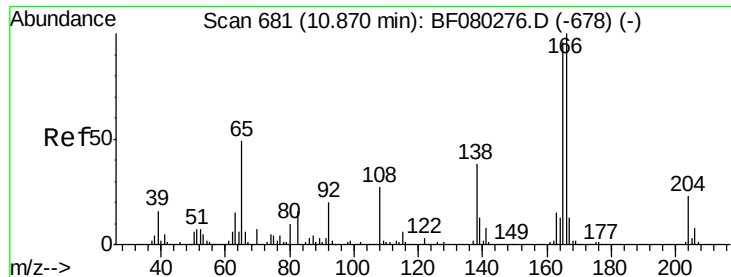
#60
4-Chlorophenyl-phenylether
Concen: 27.65 ng
RT: 10.84 min Scan# 766
Delta R.T. -0.00 min
Lab File: BF080331.D
Acq: 3 Jul 2015 8:31

Tgt Ion:204 Resp: 93210
Ion Ratio Lower Upper
204 100
206 34.3 26.5 39.7
141 45.2 52.5 78.7#



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

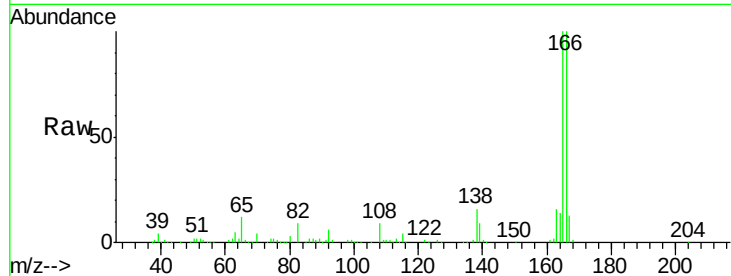




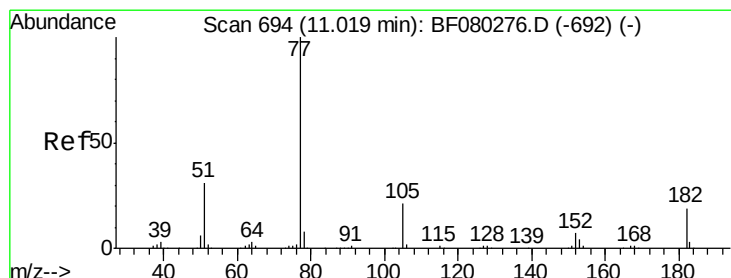
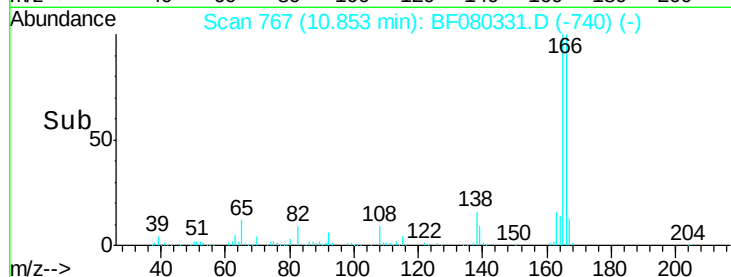
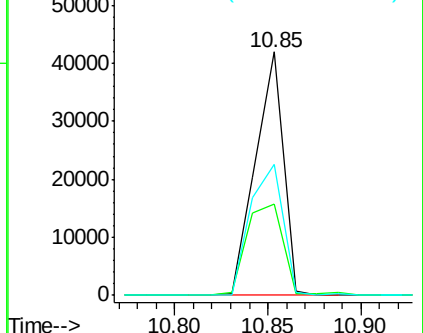
#61
4-Nitroaniline
Concen: 24.73 ng
RT: 10.85 min Scan# 767
Delta R.T. 0.01 min
Lab File: BF080331.D
Acq: 3 Jul 2015 8:31

Instrument :
BNA_F
ClientSampleId :
IDOC-03-W-UM

Tgt Ion:138 Resp: 43568
Ion Ratio Lower Upper
138 100
92 37.6 32.7 72.7
108 54.0 49.6 89.6

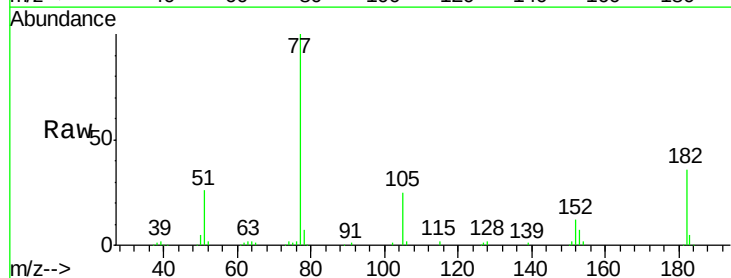


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

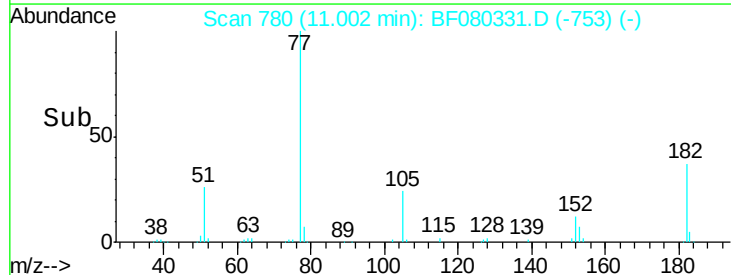
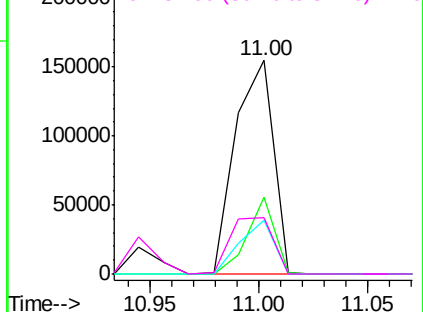


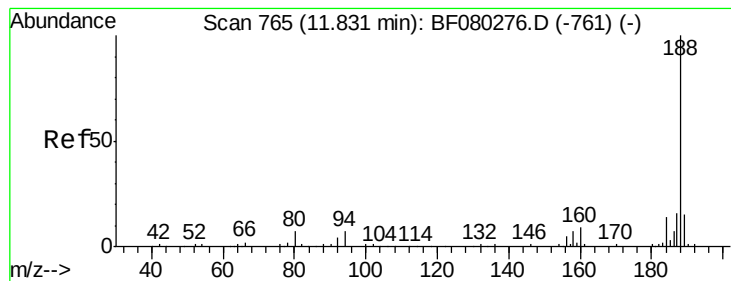
#62
Azobenzene
Concen: 25.99 ng
RT: 11.00 min Scan# 780
Delta R.T. 0.01 min
Lab File: BF080331.D
Acq: 3 Jul 2015 8:31

Tgt Ion: 77 Resp: 187826
Ion Ratio Lower Upper
77 100
182 36.0 0.0 38.9
105 25.3 1.3 41.3
51 26.5 11.1 51.1



Abundance Ion 77.00 (76.70 to 77.70): BF0
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): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.81 min Scan# 851

Delta R.T. 0.01 min

Lab File: BF080331.D

Acq: 3 Jul 2015 8:31

Instrument :

BNA_F

ClientSampleId :

IDOC-03-W-UM

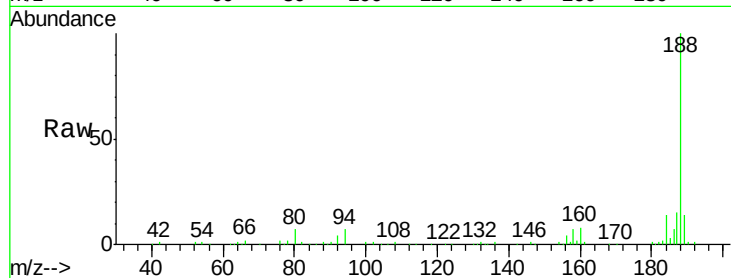
Tgt Ion:188 Resp: 203211

Ion Ratio Lower Upper

188 100

94 6.5 5.4 8.0

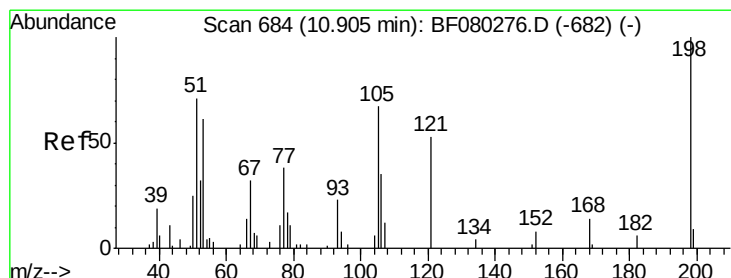
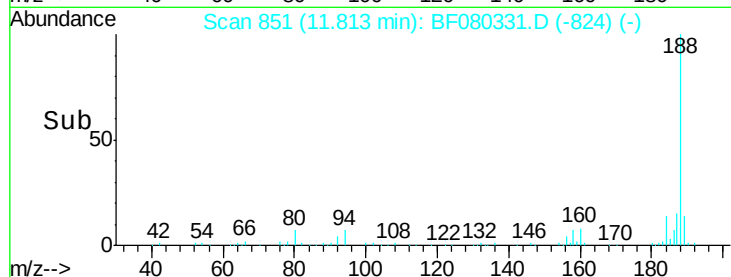
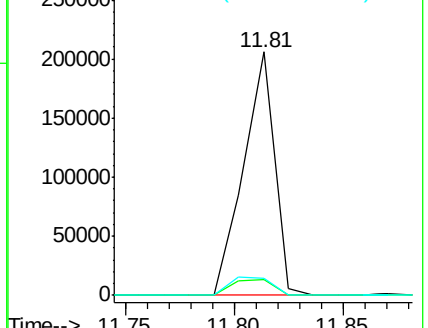
80 7.0 5.8 8.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 37.62 ng

RT: 10.89 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF080331.D

Acq: 3 Jul 2015 8:31

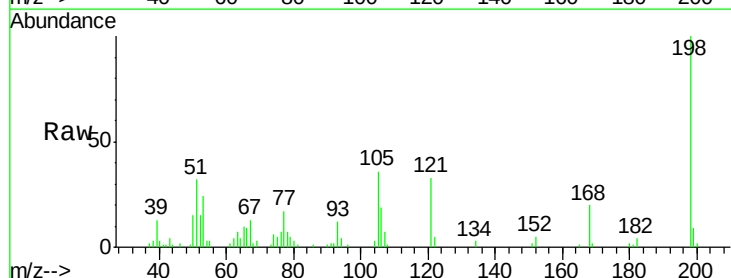
Tgt Ion:198 Resp: 27949

Ion Ratio Lower Upper

198 100

51 32.2 63.7 103.7#

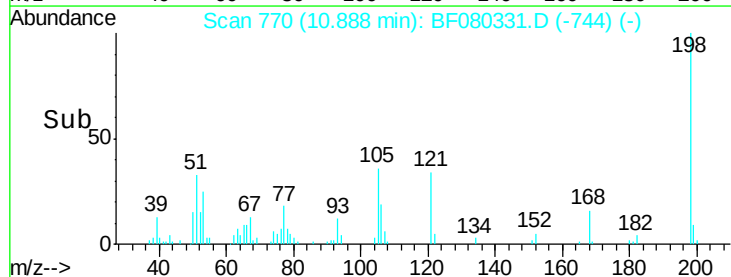
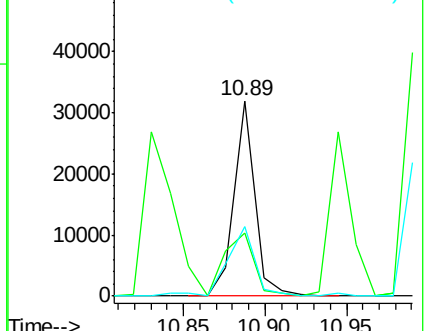
105 35.7 46.9 86.9#

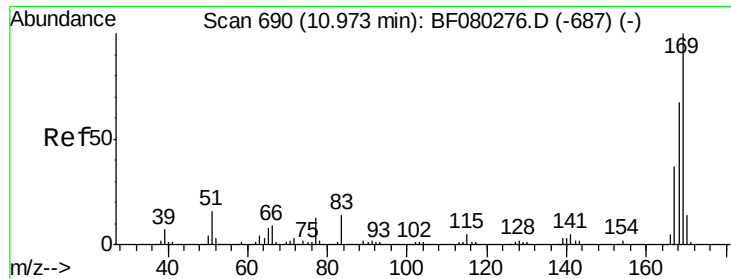


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

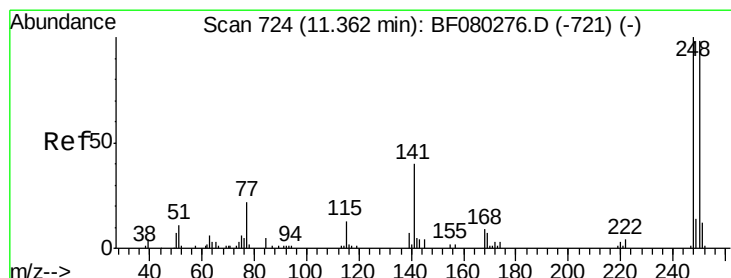
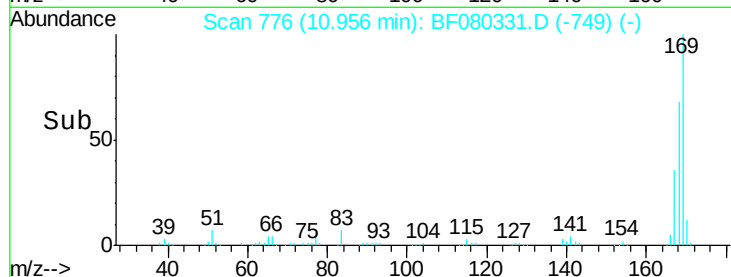
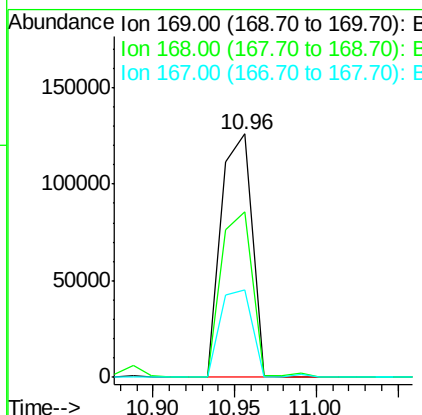
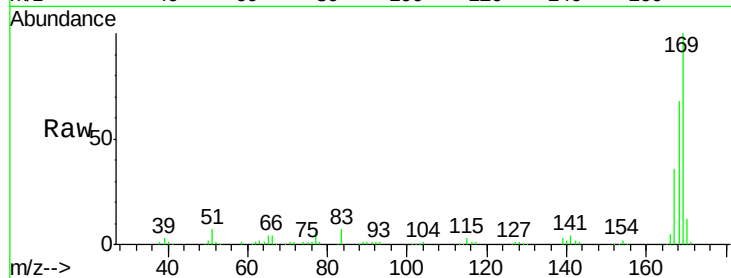




#65
 n-Nitrosodiphenylamine
 Concen: 24.58 ng
 RT: 10.96 min Scan# 776
 Delta R.T. 0.01 min
 Lab File: BF080331.D
 Acq: 3 Jul 2015 8:31

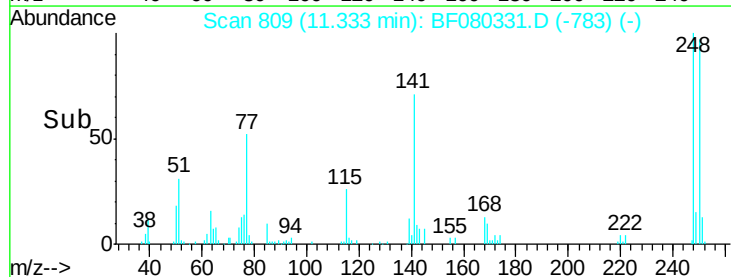
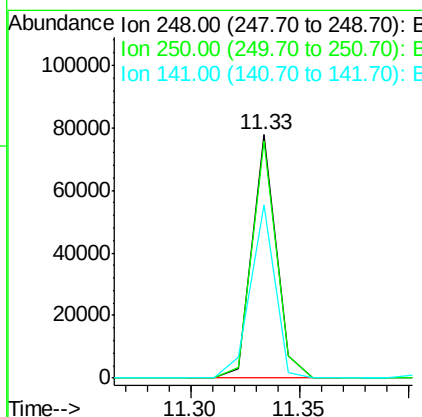
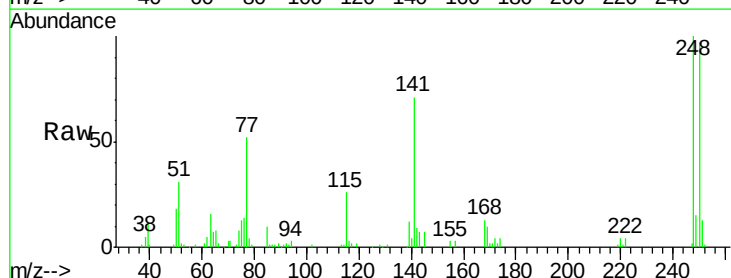
Instrument :
 BNA_F
 ClientSampleId :
 IDOC-03-W-UM

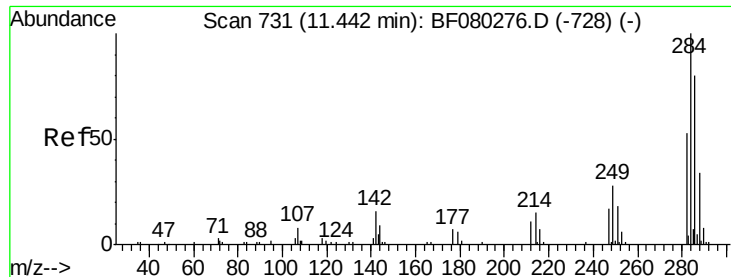
Tgt Ion:169 Resp: 164157
 Ion Ratio Lower Upper
 169 100
 168 67.7 53.6 80.4
 167 35.7 29.9 44.9



#66
 4-Bromophenyl-phenylether
 Concen: 27.49 ng
 RT: 11.33 min Scan# 809
 Delta R.T. -0.00 min
 Lab File: BF080331.D
 Acq: 3 Jul 2015 8:31

Tgt Ion:248 Resp: 60377
 Ion Ratio Lower Upper
 248 100
 250 97.2 78.2 117.4
 141 71.0 31.9 47.9#





#67

Hexachlorobenzene

Concen: 27.34 ng

RT: 11.41 min Scan# 816

Delta R.T. -0.00 min

Lab File: BF080331.D

Acq: 3 Jul 2015 8:31

Instrument :

BNA_F

ClientSampleId :

IDOC-03-W-UM

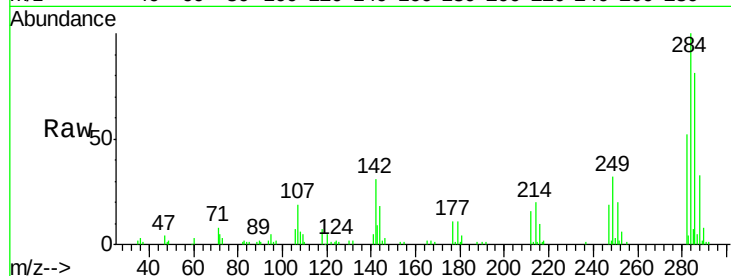
Tgt Ion:284 Resp: 64356

Ion Ratio Lower Upper

284 100

142 30.9 12.5 18.7#

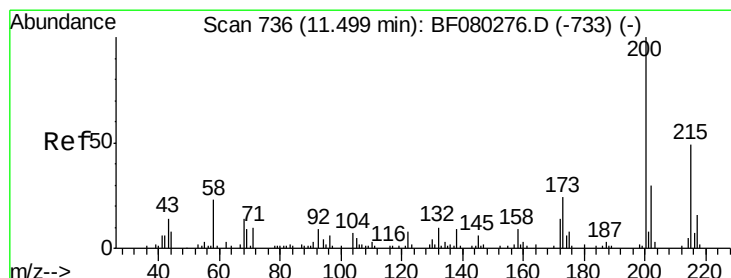
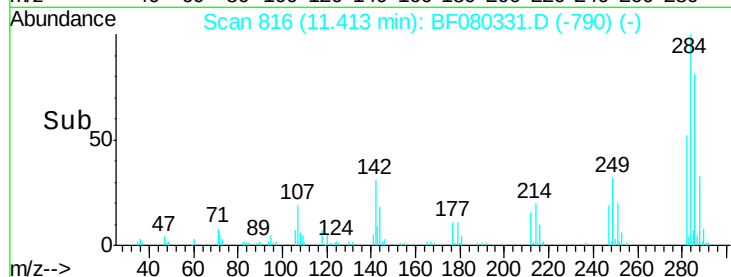
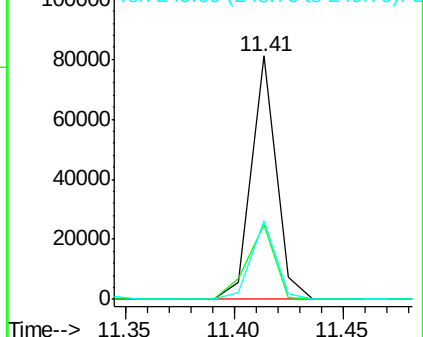
249 32.2 22.4 33.6



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 24.30 ng

RT: 11.47 min Scan# 821

Delta R.T. -0.00 min

Lab File: BF080331.D

Acq: 3 Jul 2015 8:31

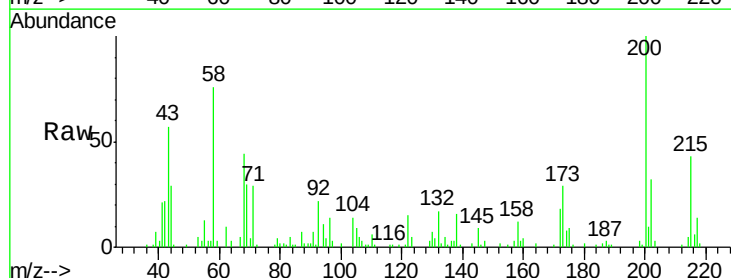
Tgt Ion:200 Resp: 49055

Ion Ratio Lower Upper

200 100

173 29.5 3.5 43.5

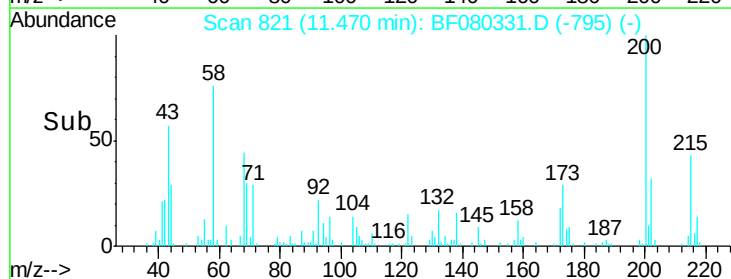
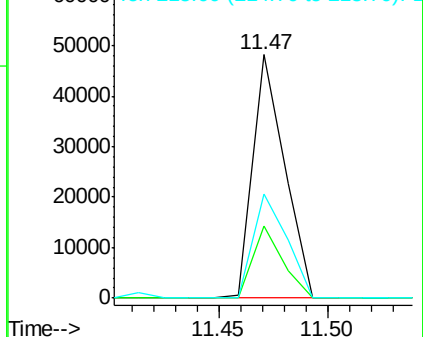
215 42.9 28.6 68.6

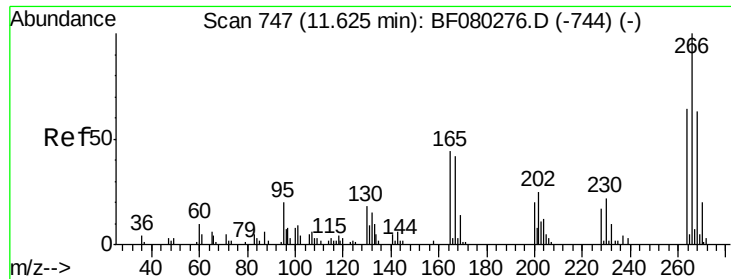


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

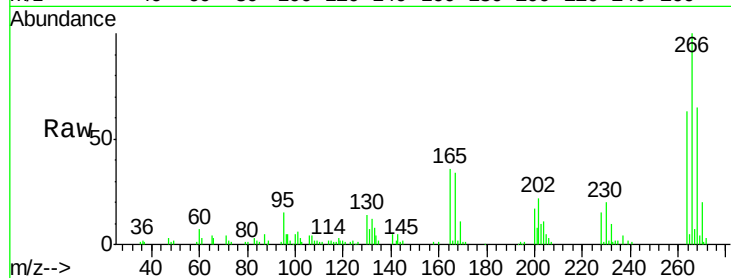




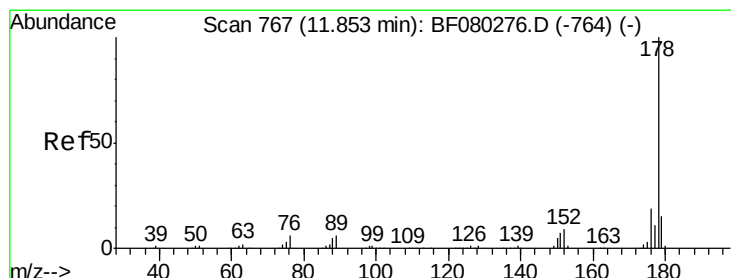
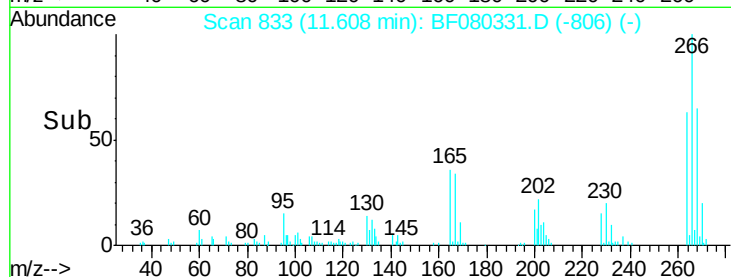
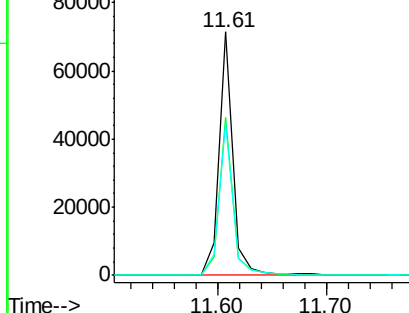
#69
 Pentachlorophenol
 Concen: 52.82 ng
 RT: 11.61 min Scan# 833
 Delta R.T. 0.01 min
 Lab File: BF080331.D
 Acq: 3 Jul 2015 8:31

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-03-W-UM

Tgt Ion:266 Resp: 64330
 Ion Ratio Lower Upper
 266 100
 268 65.0 50.7 76.1
 264 62.5 51.3 76.9

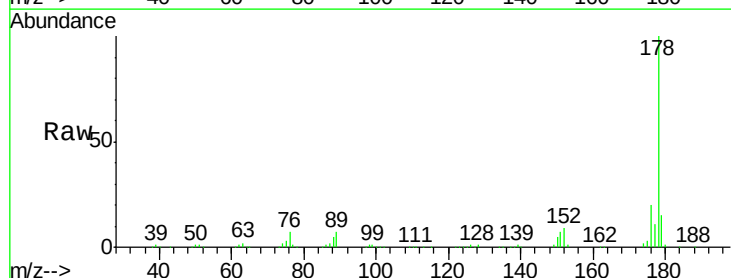


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

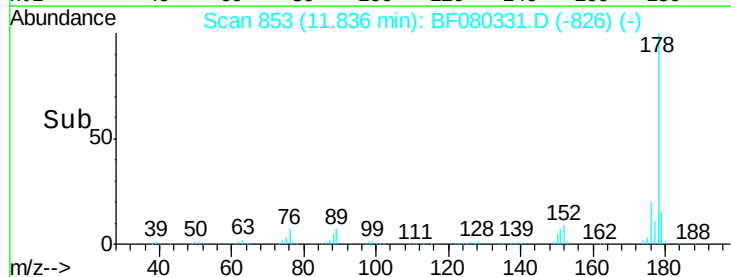
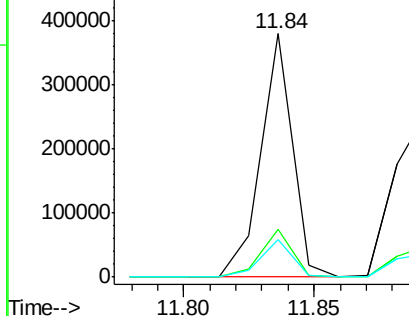


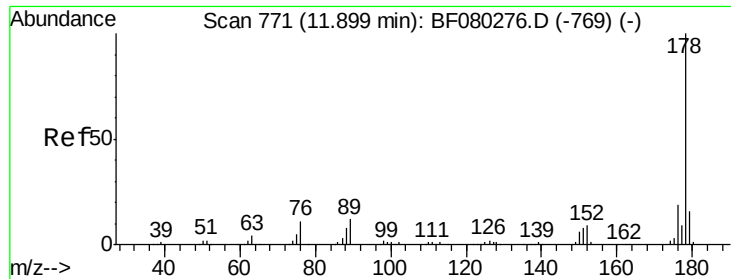
#70
 Phenanthrene
 Concen: 26.05 ng
 RT: 11.84 min Scan# 853
 Delta R.T. 0.01 min
 Lab File: BF080331.D
 Acq: 3 Jul 2015 8:31

Tgt Ion:178 Resp: 317213
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.6 23.4
 179 15.3 12.2 18.2



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

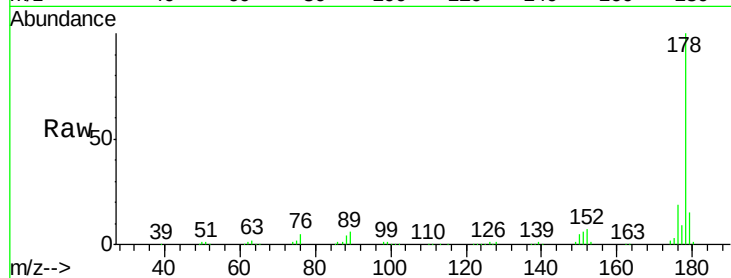




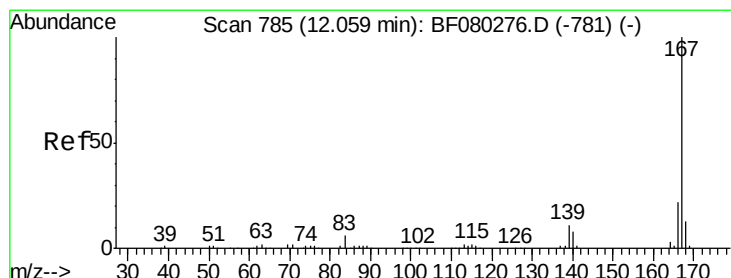
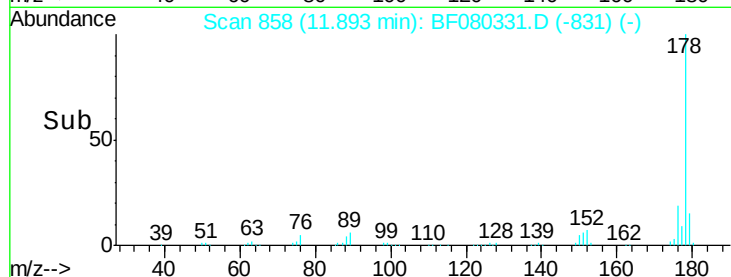
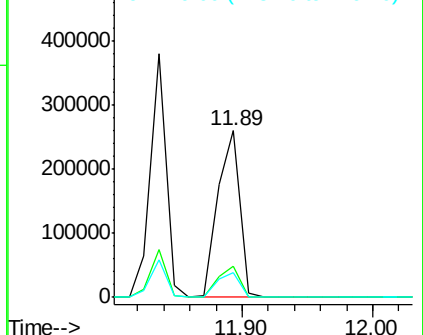
#71
 Anthracene
 Concen: 26.22 ng
 RT: 11.89 min Scan# 858
 Delta R.T. 0.01 min
 Lab File: BF080331.D
 Acq: 3 Jul 2015 8:31

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-03-W-UM

Tgt Ion:178 Resp: 306300
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.2 22.8
 179 14.8 12.6 18.8

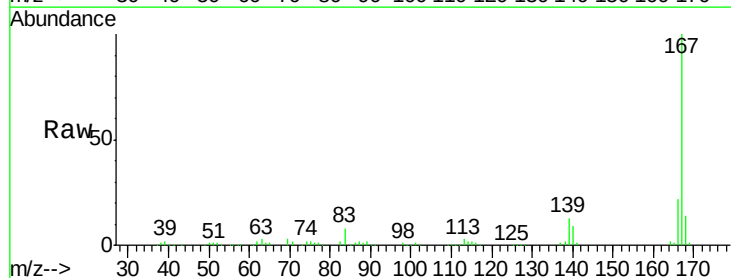


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

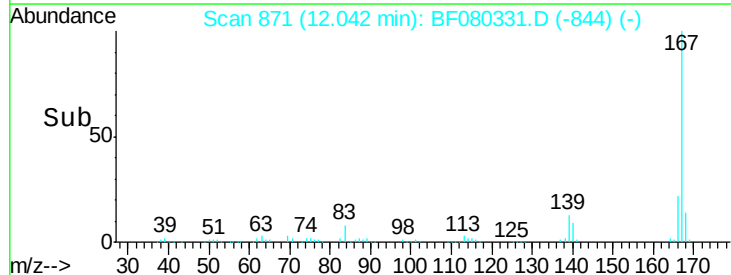
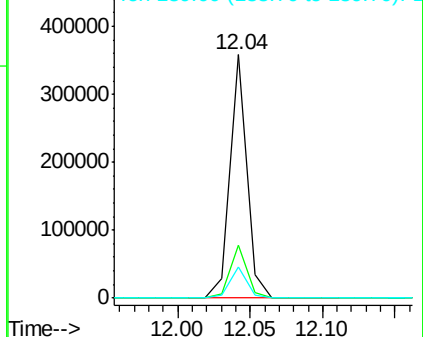


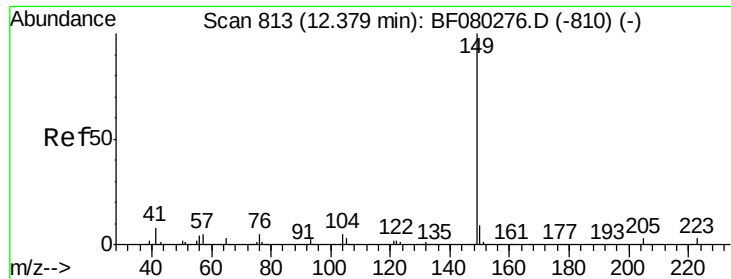
#72
 Carbazole
 Concen: 26.59 ng
 RT: 12.04 min Scan# 871
 Delta R.T. 0.01 min
 Lab File: BF080331.D
 Acq: 3 Jul 2015 8:31

Tgt Ion:167 Resp: 290482
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.3 25.9
 139 12.6 8.6 13.0



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

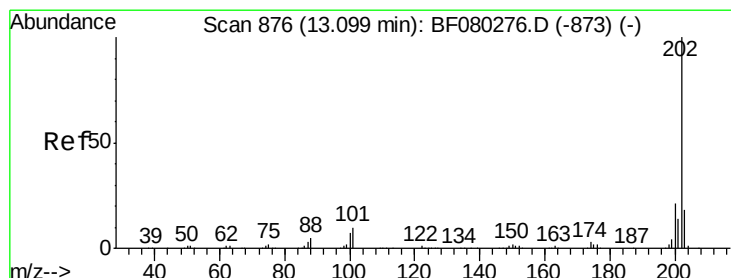
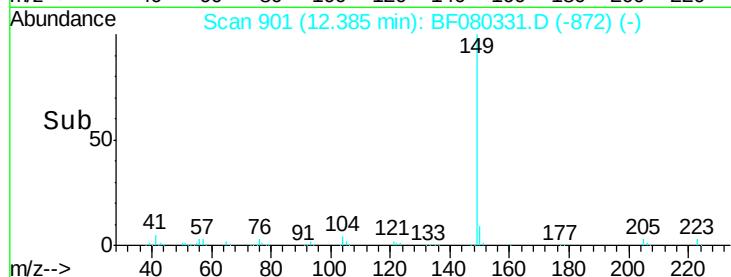
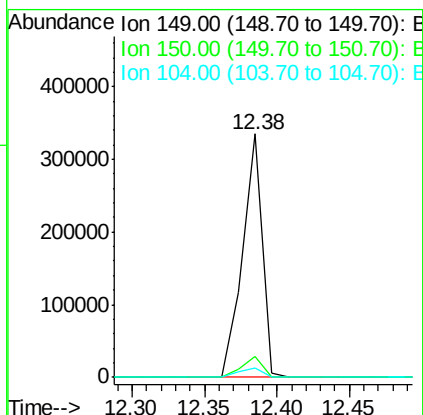
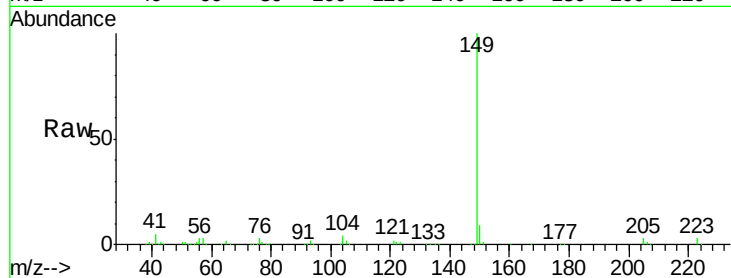




#73
Di-n-butylphthalate
Concen: 26.88 ng
RT: 12.38 min Scan# 901
Delta R.T. 0.03 min
Lab File: BF080331.D
Acq: 3 Jul 2015 8:31

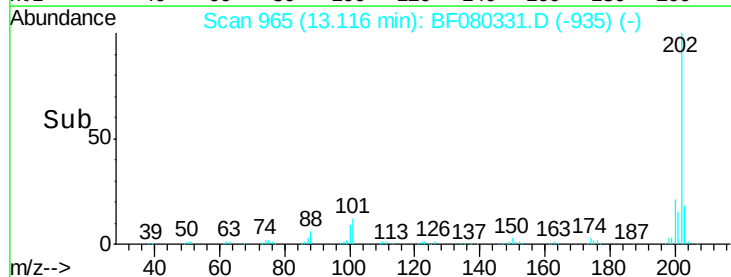
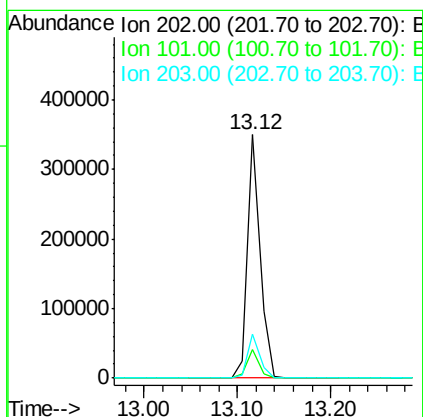
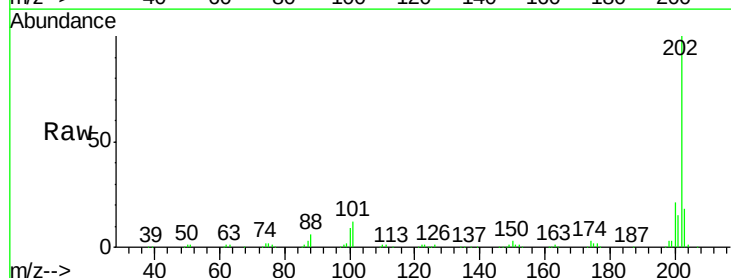
Instrument :
BNA_F
ClientSampleId :
IDOC-03-W-UM

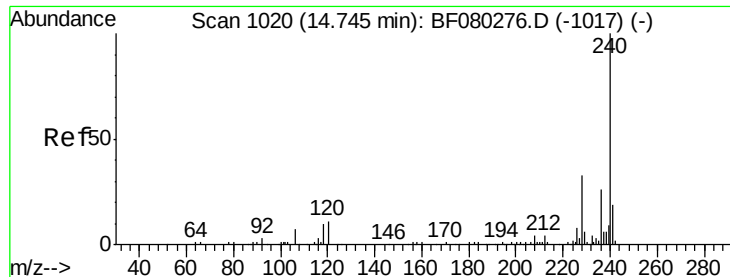
Tgt Ion:149 Resp: 315087
Ion Ratio Lower Upper
149 100
150 8.6 7.4 11.0
104 3.9 3.7 5.5



#74
Fluoranthene
Concen: 25.98 ng
RT: 13.12 min Scan# 965
Delta R.T. 0.05 min
Lab File: BF080331.D
Acq: 3 Jul 2015 8:31

Tgt Ion:202 Resp: 326859
Ion Ratio Lower Upper
202 100
101 11.9 0.0 30.4
203 17.8 0.0 37.5

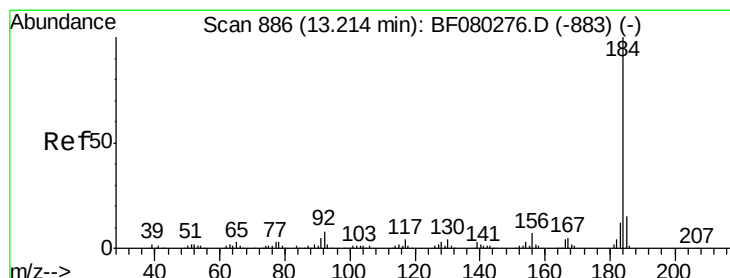
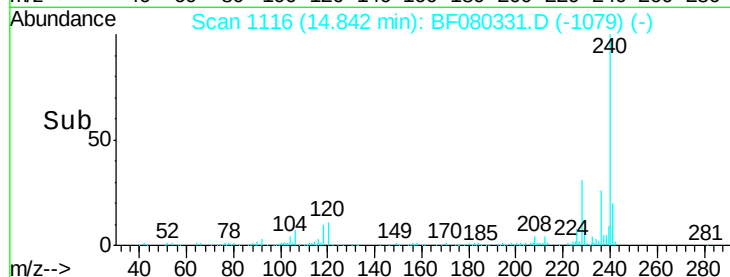
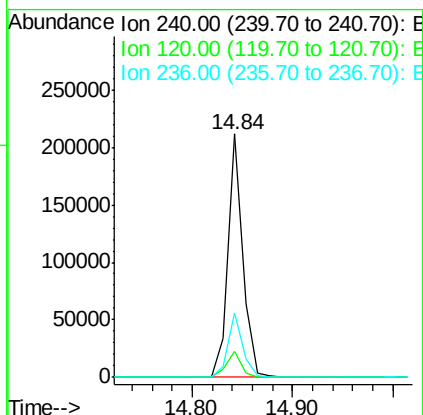
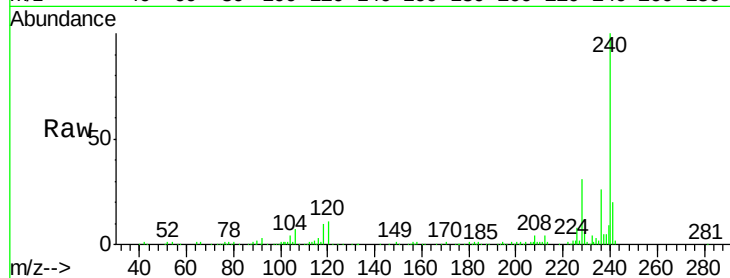




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.84 min Scan# 1116
Delta R.T. 0.13 min
Lab File: BF080331.D
Acq: 3 Jul 2015 8:31

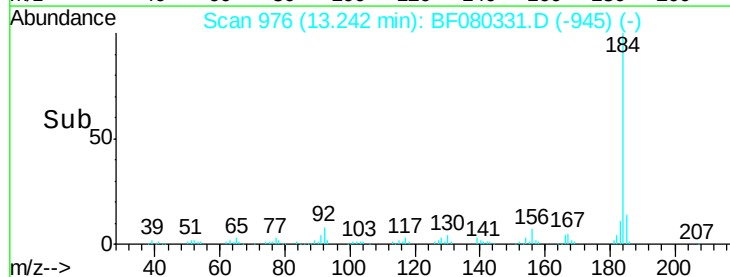
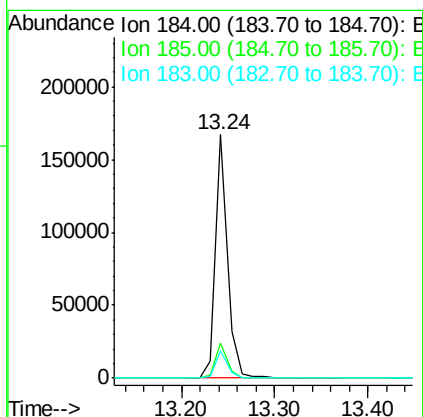
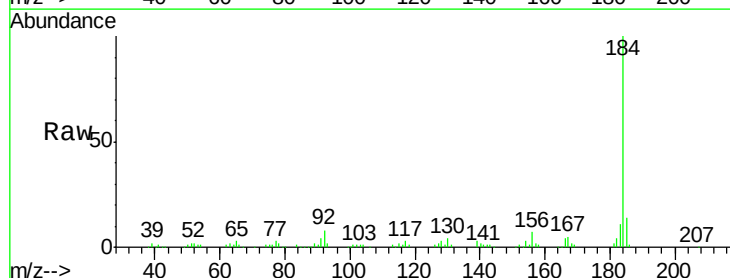
Instrument :
BNA_F
ClientSampleId :
IDOC-03-W-UM

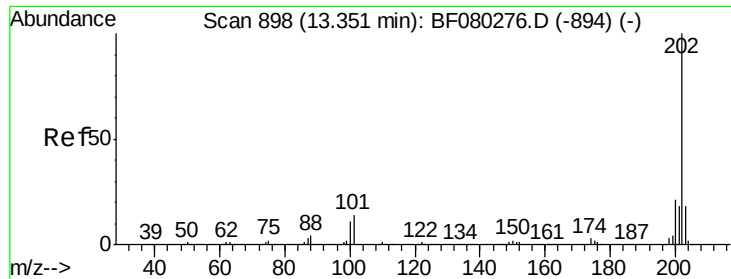
Tgt Ion:240 Resp: 217129
Ion Ratio Lower Upper
240 100
120 10.8 8.7 13.1
236 26.4 20.9 31.3



#76
Benzidine
Concen: 23.50 ng
RT: 13.24 min Scan# 976
Delta R.T. 0.06 min
Lab File: BF080331.D
Acq: 3 Jul 2015 8:31

Tgt Ion:184 Resp: 149411
Ion Ratio Lower Upper
184 100
185 14.3 11.8 17.6
183 11.0 9.4 14.0

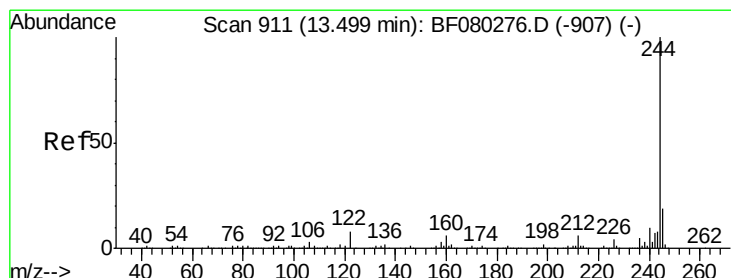
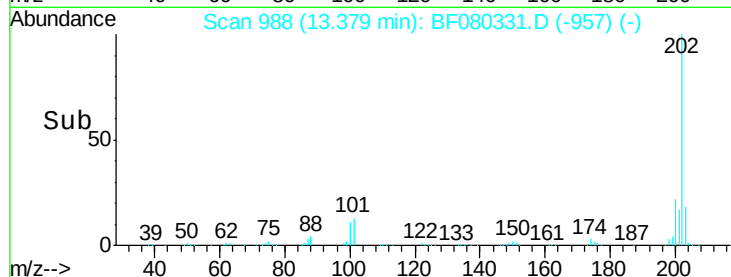
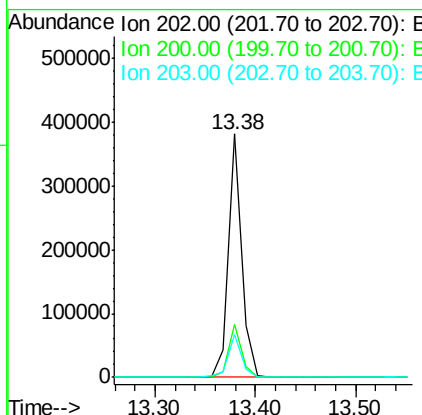
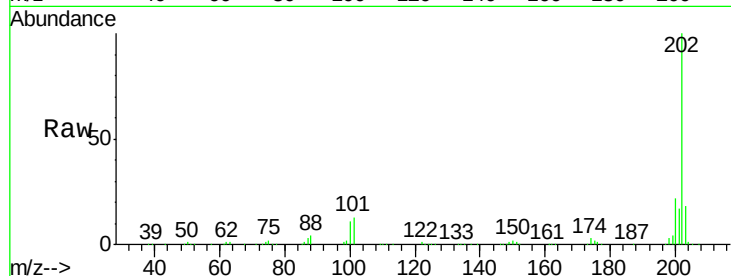




#77
 Pyrene
 Concen: 25.32 ng
 RT: 13.38 min Scan# 988
 Delta R.T. 0.06 min
 Lab File: BF080331.D
 Acq: 3 Jul 2015 8:31

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-03-W-UM

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.0	25.6
203	17.6	14.0	21.0



#78
 Terphenyl-d14
 Concen: 49.86 ng
 RT: 13.54 min Scan# 1002
 Delta R.T. 0.07 min
 Lab File: BF080331.D
 Acq: 3 Jul 2015 8:31

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.0	7.6
122	7.7	6.6	9.8

