

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070215\
 Data File : BF080330.D
 Acq On : 3 Jul 2015 8:02
 Operator : TP/IZ
 Sample : IDOC-02-W-UM
 Misc : IDOC-WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-02-W-UM

Quant Time: Jul 03 08:42:19 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 02 13:33:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.24	152	51123	20.00	ng	-0.03
21) Naphthalene-d8	8.53	136	202586	20.00	ng	-0.03
38) Acenaphthene-d10	10.30	164	106111	20.00	ng	-0.02
63) Phenanthrene-d10	11.81	188	208946	20.00	ng	-0.02
75) Chrysene-d12	14.85	240	237893	20.00	ng	0.11
86) Perylene-d12	16.76	264	217954	20.00	ng	0.19

System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	279725	94.75	ng	-0.03
7) Phenol-d6	6.85	99	369687	93.28	ng	-0.02
23) Nitrobenzene-d5	7.80	82	219755	59.72	ng	-0.02
41) 2,4,6-Tribromophenol	11.09	330	96813	95.82	ng	-0.03
44) 2-Fluorobiphenyl	9.61	172	464408	62.99	ng	-0.03
78) Terphenyl-d14	13.54	244	580394	57.15	ng	0.04

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.06	88	30627	86.45	ng	# 100
3) Pyridine	3.90	79	86110	23.57	ng	99
4) n-Nitrosodimethylamine	3.80	42	48459	29.77	ng	97
6) Aniline	6.90	93	96254	18.16	ng	92
8) 2-Chlorophenol	7.02	128	103417	31.89	ng	94
9) Benzaldehyde	6.78	77	37477	17.31	ng	94
10) Phenol	6.86	94	127860	29.17	ng	87
11) bis(2-Chloroethyl)ether	6.96	93	83967	25.32	ng	89
12) 1,3-Dichlorobenzene	7.18	146	115784	29.25	ng	97
13) 1,4-Dichlorobenzene	7.18	146	115784	29.38	ng	98
14) 1,2-Dichlorobenzene	7.41	146	110136	28.13	ng	96
15) Benzyl Alcohol	7.37	79	87415	28.65	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.50	45	148153	29.13	ng	99
17) 2-Methylphenol	7.48	107	76399	27.25	ng	93
18) Hexachloroethane	7.77	117	34143	27.75	ng	# 66
19) n-Nitroso-di-n-propylamine	7.64	70	68126	25.86	ng	# 91
20) 3+4-Methylphenols	7.63	107	108661	29.18	ng	91
22) Acetophenone	7.64	105	144472	30.52	ng	# 93
24) Nitrobenzene	7.81	77	100596	26.37	ng	94
25) Isophorone	8.05	82	198239	27.72	ng	95
26) 2-Nitrophenol	8.14	139	45452	27.28	ng	# 74
27) 2,4-Dimethylphenol	8.17	122	90685	29.65	ng	93
28) bis(2-Chloroethoxy)methane	8.26	93	125160	29.16	ng	98
29) 2,4-Dichlorophenol	8.38	162	82450	29.19	ng	89
30) 1,2,4-Trichlorobenzene	8.48	180	86390	26.21	ng	# 91
31) Naphthalene	8.56	128	301690	29.23	ng	99
32) Benzoic acid	8.24	122	39863	56.95	ng	94
33) 4-Chloroaniline	8.59	127	62037	14.17	ng	94
34) Hexachlorobutadiene	8.67	225	54960	26.48	ng	97
35) Caprolactam	8.93	113	25901	30.22	ng	# 81
36) 4-Chloro-3-methylphenol	9.06	107	84315	27.57	ng	88
37) 2-Methylnaphthalene	9.24	142	193342	27.36	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.41	216	87165	24.68	ng	# 98
40) Hexachlorocyclopentadiene	9.40	237	76124	57.11	ng	96

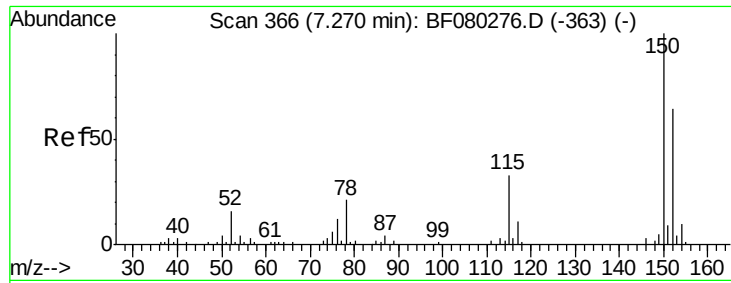
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070215\
 Data File : BF080330.D
 Acq On : 3 Jul 2015 8:02
 Operator : TP/IZ
 Sample : IDOC-02-W-UM
 Misc : IDOC-WATER
 ALS Vial : 20 Sample Multiplier: 1

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 BNA_F
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Quant Time: Jul 03 08:42:19 2015
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 02 13:33:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.53	196	57111	25.55	ng	98
43) 2,4,5-Trichlorophenol	9.56	196	69684	28.94	ng #	93
45) 1,1'-Biphenyl	9.71	154	255970	28.37	ng	98
46) 2-Chloronaphthalene	9.74	162	190359	27.25	ng #	91
47) 2-Nitroaniline	9.82	65	60078	29.91	ng #	78
48) Acenaphthylene	10.16	152	306523	25.27	ng	98
49) Dimethylphthalate	10.00	163	220199	27.17	ng	99
50) 2,6-Dinitrotoluene	10.06	165	52229	31.52	ng #	64
51) Acenaphthene	10.34	154	202161	28.95	ng	90
52) 3-Nitroaniline	10.24	138	35414	18.63	ng	87
53) 2,4-Dinitrophenol	10.35	184	42856	69.78	ng #	1
54) Dibenzofuran	10.51	168	282914	28.70	ng	92
55) 4-Nitrophenol	10.38	139	91937	65.43	ng #	80
56) 2,4-Dinitrotoluene	10.48	165	65909	30.67	ng #	70
57) Fluorene	10.85	166	241243	29.51	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.62	232	59398	31.65	ng	92
59) Diethylphthalate	10.70	149	245897	31.92	ng	95
60) 4-Chlorophenyl-phenylether	10.84	204	106683	28.86	ng #	82
61) 4-Nitroaniline	10.85	138	53439	27.66	ng	84
62) Azobenzene	11.00	77	211537	26.69	ng	84
64) 4,6-Dinitro-2-methylphenol	10.89	198	33364	41.29	ng #	52
65) n-Nitrosodiphenylamine	10.96	169	190859	27.80	ng	99
66) 4-Bromophenyl-phenylether	11.33	248	71245	31.55	ng #	84
67) Hexachlorobenzene	11.41	284	76661	31.67	ng #	86
68) Atrazine	11.47	200	51452	24.79	ng	92
69) Pentachlorophenol	11.61	266	74283	58.50	ng	98
70) Phenanthrene	11.84	178	366562	29.28	ng	99
71) Anthracene	11.88	178	356860	29.71	ng	100
72) Carbazole	12.04	167	343599	30.59	ng	99
73) Di-n-butylphthalate	12.37	149	352043	29.21	ng	99
74) Fluoranthene	13.12	202	388655	30.05	ng	99
76) Benzidine	13.24	184	182981	26.27	ng	99
77) Pyrene	13.38	202	412304	27.08	ng	99
79) Butylbenzylphthalate	14.10	149	158873	27.21	ng #	73
80) Benzo(a)anthracene	14.84	228	394088	27.41	ng	99
81) 3,3'-Dichlorobenzidine	14.79	252	104495	22.27	ng	98
82) Chrysene	14.89	228	367038	27.69	ng	99
83) Bis(2-ethylhexyl)phthalate	14.83	149	232400	28.28	ng #	98
84) Di-n-octyl phthalate	15.68	149	374223	27.02	ng	98
85) Indeno(1,2,3-cd)pyrene	18.56	276	411704	27.63	ng	98
87) Benzo(b)fluoranthene	16.24	252	366417	26.62	ng #	97
88) Benzo(k)fluoranthene	16.27	252	386863	29.84	ng #	98
89) Benzo(a)pyrene	16.68	252	368697	29.39	ng	99
90) Dibenzo(a,h)anthracene	18.58	278	348215	29.58	ng #	96
91) Benzo(g,h,i)perylene	19.09	276	347446	28.29	ng	97

(#) = 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. -0.03 min

Lab File: BF080330.D

Acq: 3 Jul 2015 8:02

Instrument :

BNA_F

ClientSampleId :

IDOC-02-W-UM

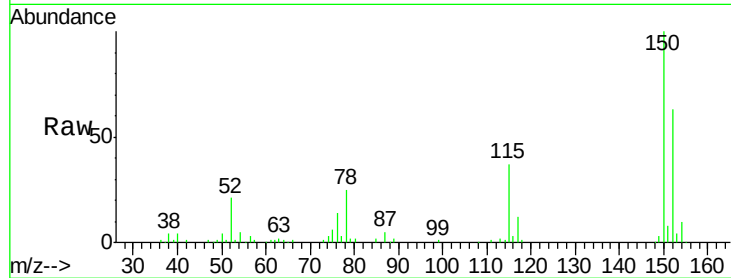
Tgt Ion:152 Resp: 51123

Ion Ratio Lower Upper

152 100

150 159.2 124.7 187.1

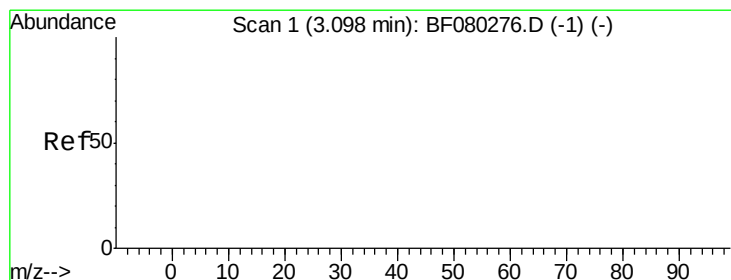
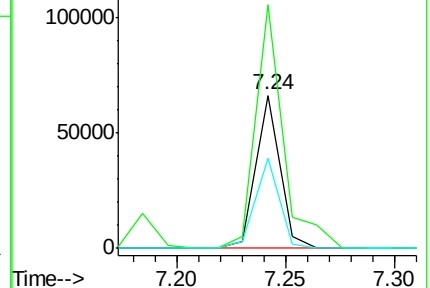
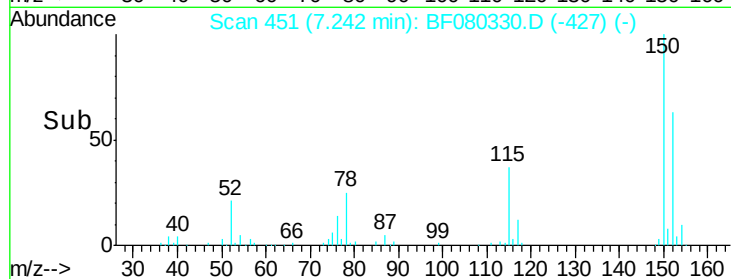
115 59.0 41.0 61.6



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



#2

1,4-Dioxane

Concen: 86.45 ng

RT: 3.06 min Scan# 85

Delta R.T. -0.04 min

Lab File: BF080330.D

Acq: 3 Jul 2015 8:02

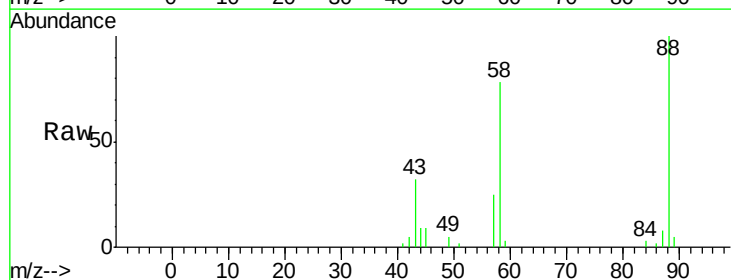
Tgt Ion: 88 Resp: 30627

Ion Ratio Lower Upper

88 100

58 83.9 0.0 0.0#

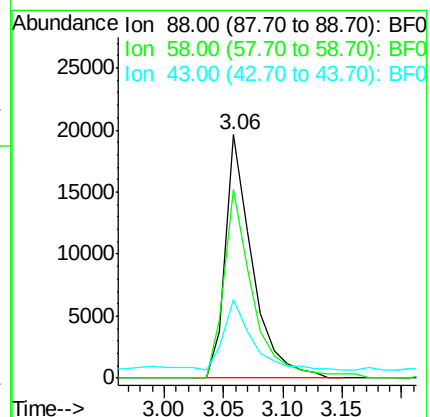
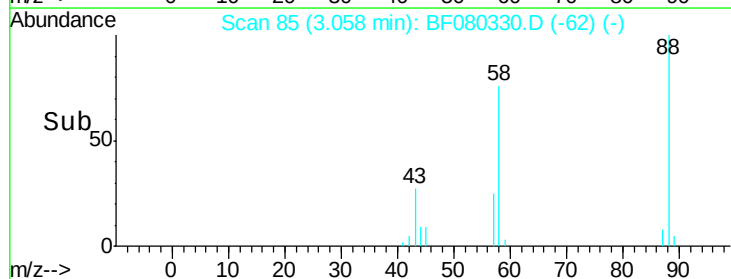
43 31.3 0.0 0.0#

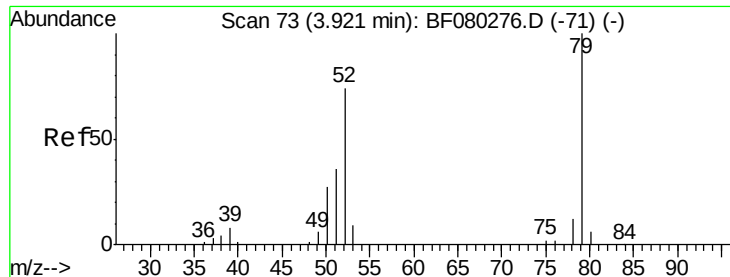


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 23.57 ng

RT: 3.90 min Scan# 159

Delta R.T. -0.02 min

Lab File: BF080330.D

Acq: 3 Jul 2015 8:02

Instrument :

BNA_F

ClientSampleId :

IDOC-02-W-UM

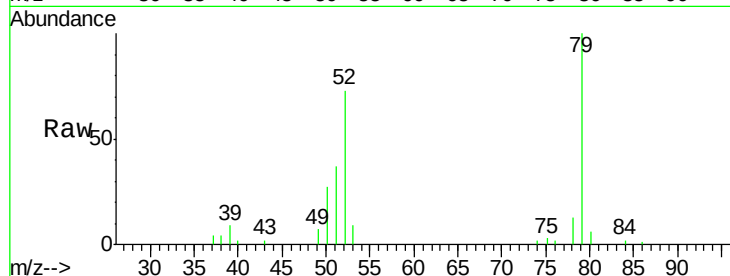
Tgt Ion: 79 Resp: 86110

Ion Ratio Lower Upper

79 100

52 73.2 59.3 88.9

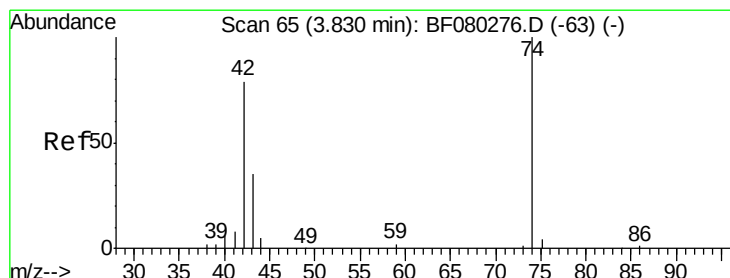
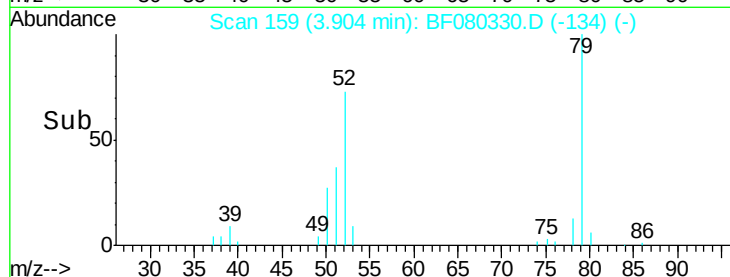
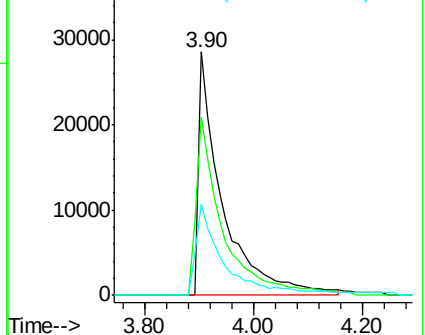
51 37.2 29.0 43.6



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: 29.77 ng

RT: 3.80 min Scan# 150

Delta R.T. -0.03 min

Lab File: BF080330.D

Acq: 3 Jul 2015 8:02

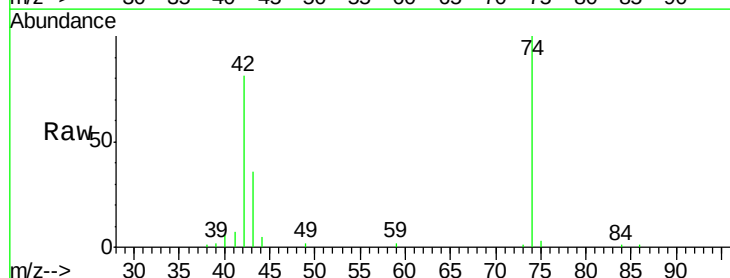
Tgt Ion: 42 Resp: 48459

Ion Ratio Lower Upper

42 100

74 123.5 101.4 152.2

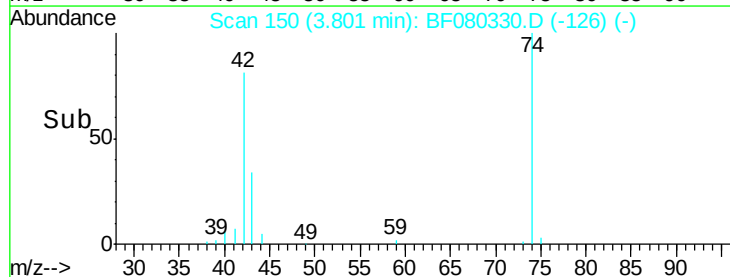
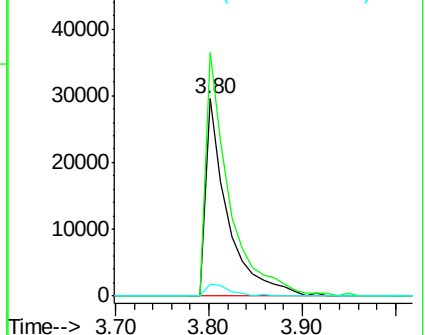
44 6.3 6.3 9.5

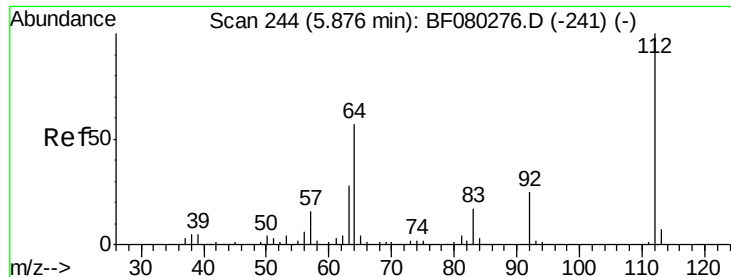


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 94.75 ng

RT: 5.85 min Scan# 329

Delta R.T. -0.03 min

Lab File: BF080330.D

Acq: 3 Jul 2015 8:02

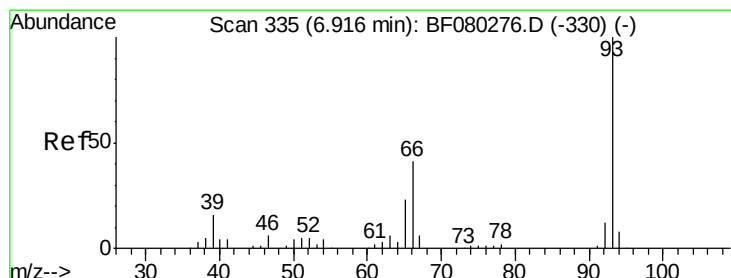
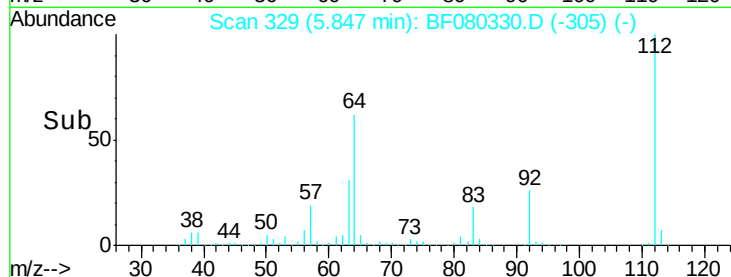
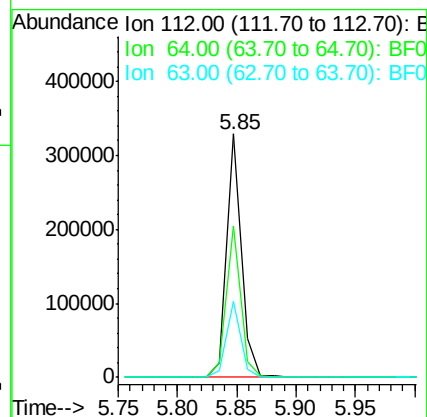
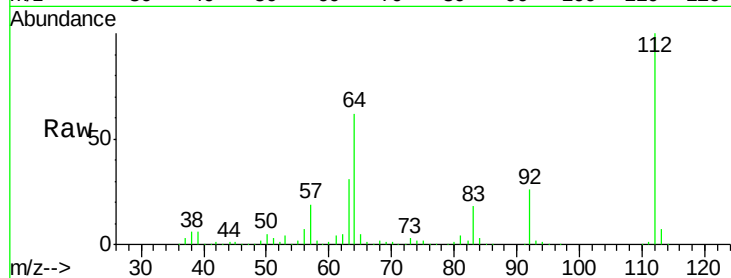
Instrument :

BNA_F

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IDOC-02-W-UM

Tgt Ion:	112	Resp:	279725
Ion	Ratio	Lower	Upper
112	100		
64	62.2	45.5	68.3
63	31.4	22.4	33.6



#6

Aniline

Concen: 18.16 ng

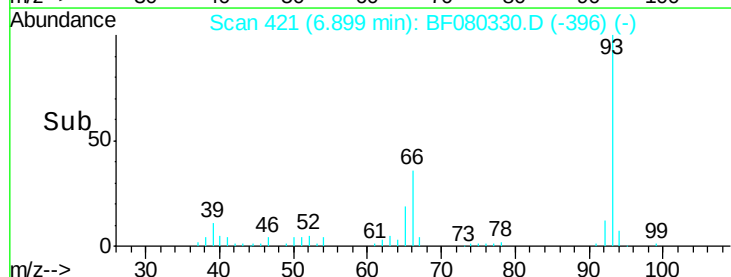
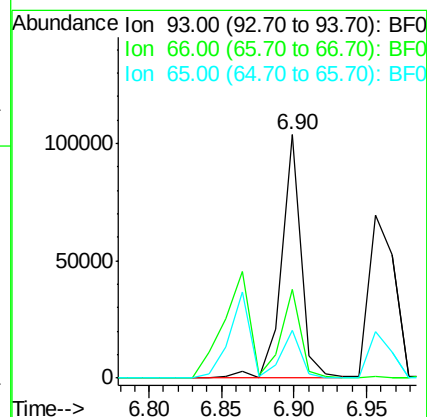
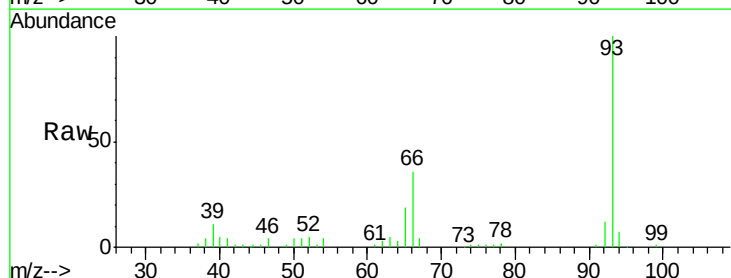
RT: 6.90 min Scan# 421

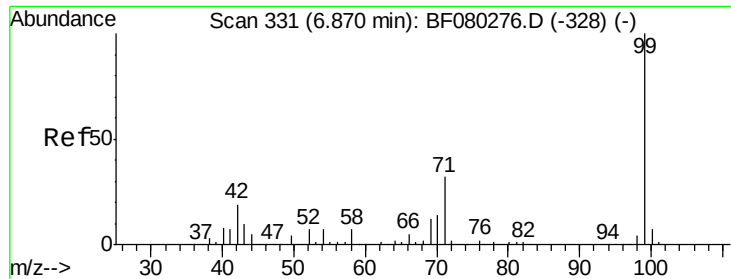
Delta R.T. -0.02 min

Lab File: BF080330.D

Acq: 3 Jul 2015 8:02

Tgt Ion:	93	Resp:	96254
Ion	Ratio	Lower	Upper
93	100		
66	36.3	33.7	50.5
65	19.4	18.3	27.5





#7

Phenol-d6

Concen: 93.28 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.02 min

Lab File: BF080330.D

Acq: 3 Jul 2015 8:02

Instrument :

BNA_F

ClientSampleId :

IDOC-02-W-UM

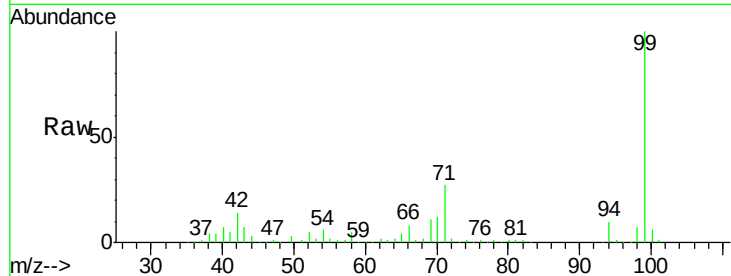
Tgt Ion: 99 Resp: 369687

Ion Ratio Lower Upper

99 100

42 14.0 15.4 23.2#

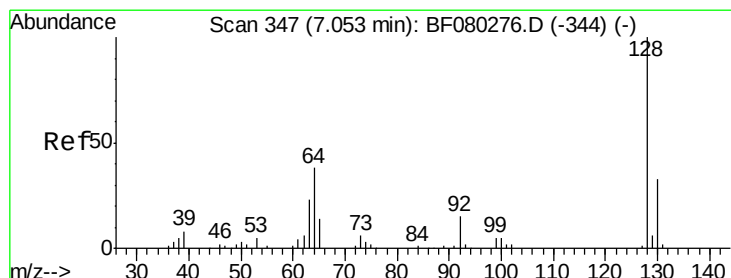
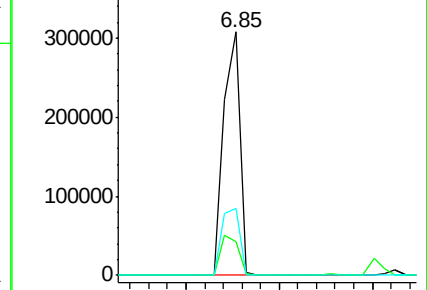
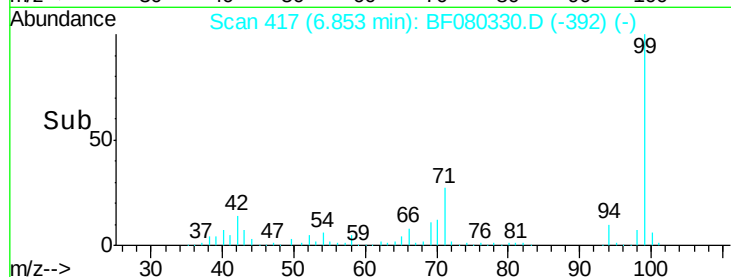
71 27.4 25.8 38.8



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: 31.89 ng

RT: 7.02 min Scan# 432

Delta R.T. -0.03 min

Lab File: BF080330.D

Acq: 3 Jul 2015 8:02

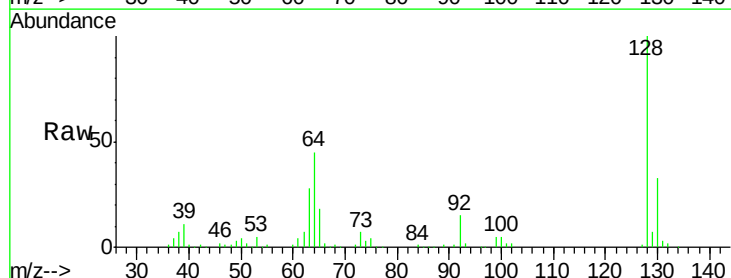
Tgt Ion: 128 Resp: 103417

Ion Ratio Lower Upper

128 100

130 32.7 13.4 53.4

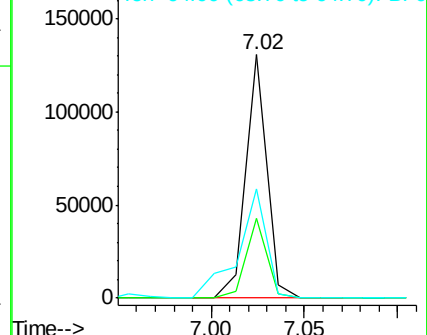
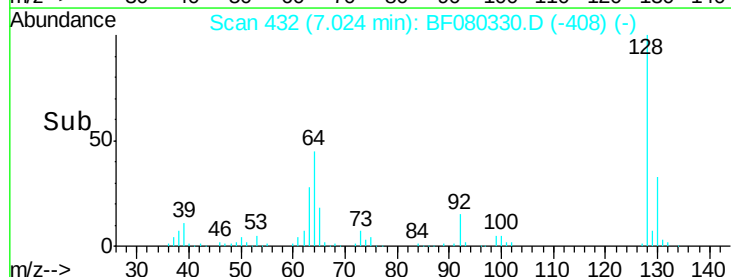
64 45.0 18.5 58.5

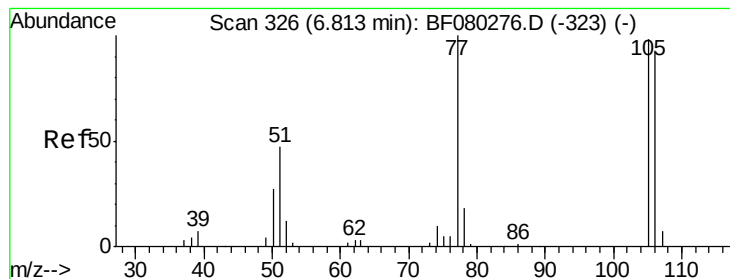


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 17.31 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.03 min

Lab File: BF080330.D

Acq: 3 Jul 2015 8:02

Instrument :

BNA_F

ClientSampleId :

IDOC-02-W-UM

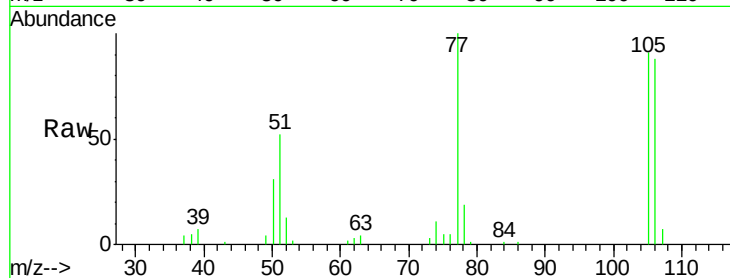
Tgt Ion: 77 Resp: 37477

Ion Ratio Lower Upper

77 100

105 91.3 78.2 118.2

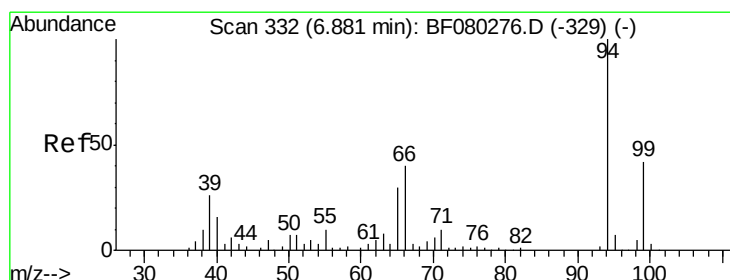
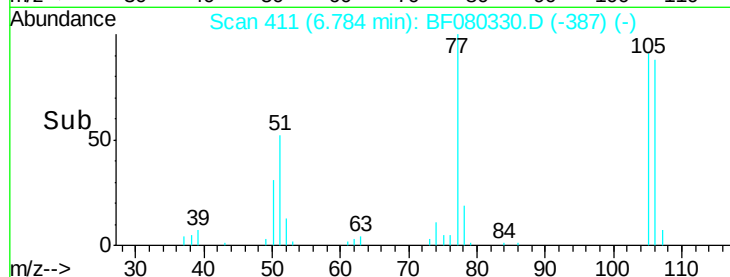
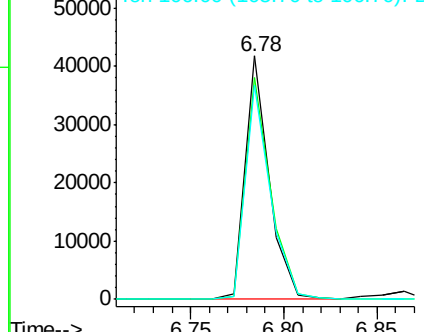
106 88.2 72.5 112.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 29.17 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.02 min

Lab File: BF080330.D

Acq: 3 Jul 2015 8:02

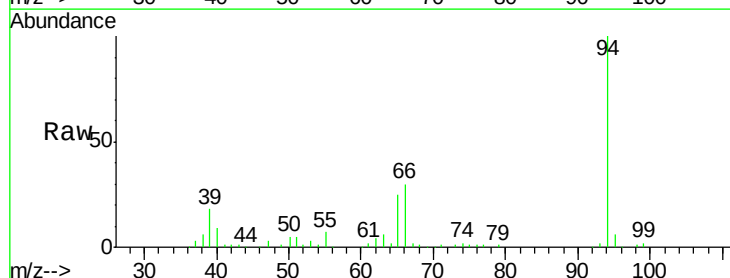
Tgt Ion: 94 Resp: 127860

Ion Ratio Lower Upper

94 100

65 24.6 9.6 49.6

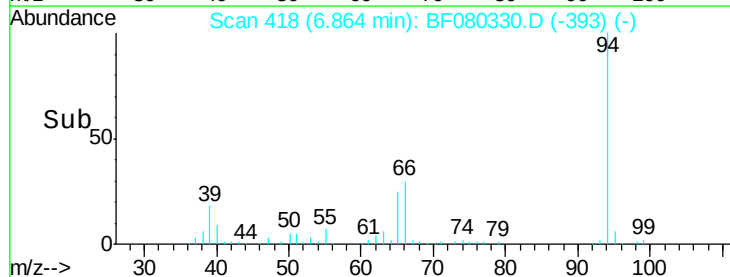
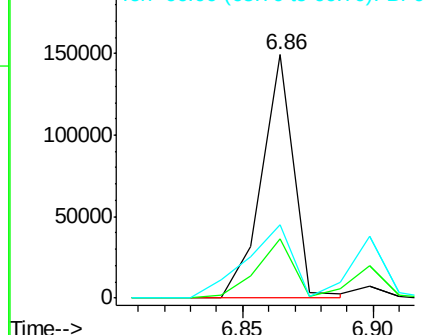
66 30.3 19.7 59.7

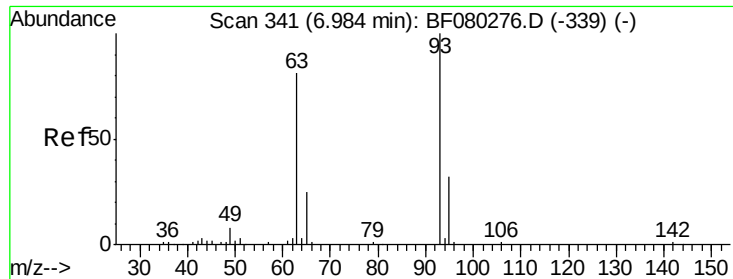


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

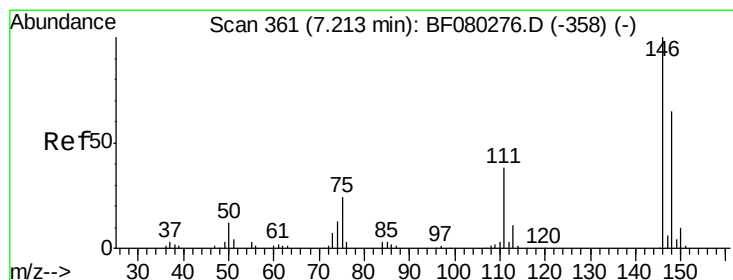
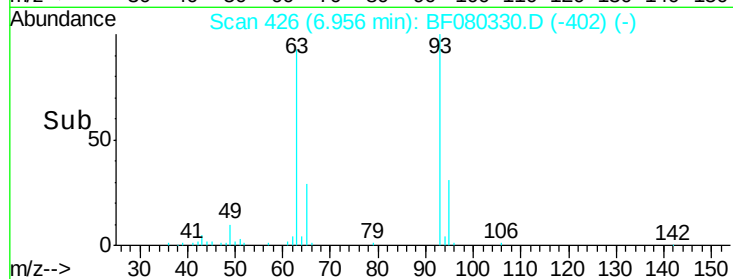
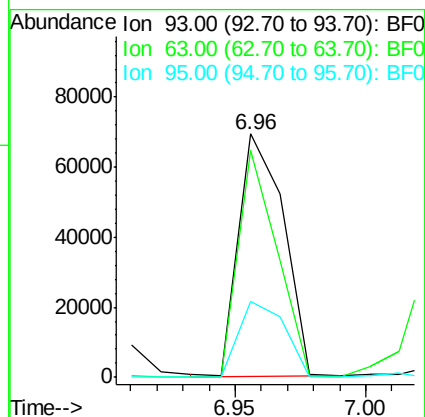
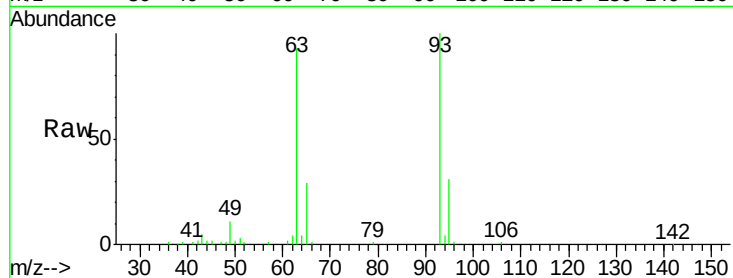




#11
 bis(2-Chloroethyl)ether
 Concen: 25.32 ng
 RT: 6.96 min Scan# 426
 Delta R.T. -0.03 min
 Lab File: BF080330.D
 Acq: 3 Jul 2015 8:02

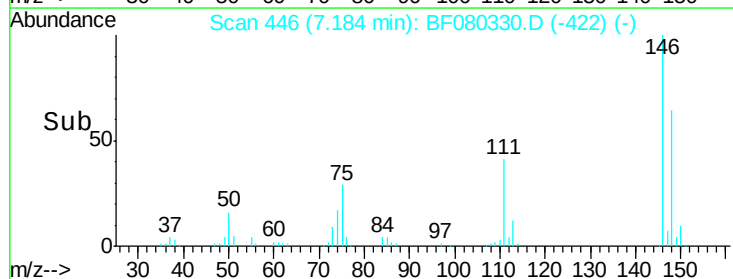
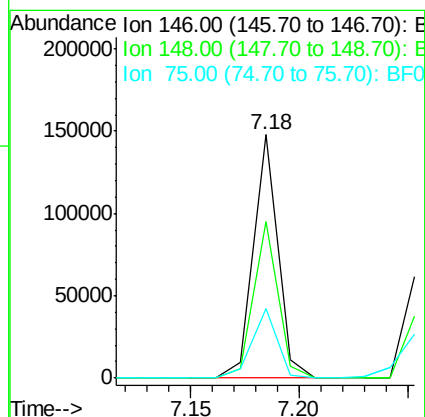
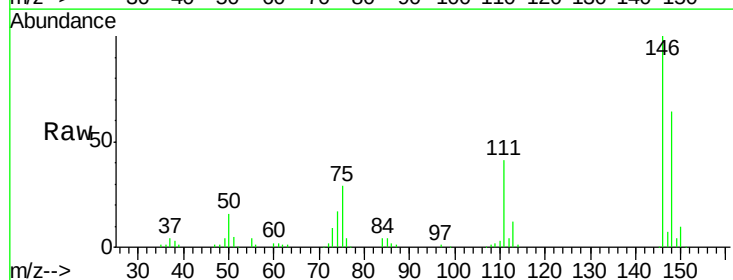
Instrument :
 BNA_F
 ClientSampleId :
 IDOC-02-W-UM

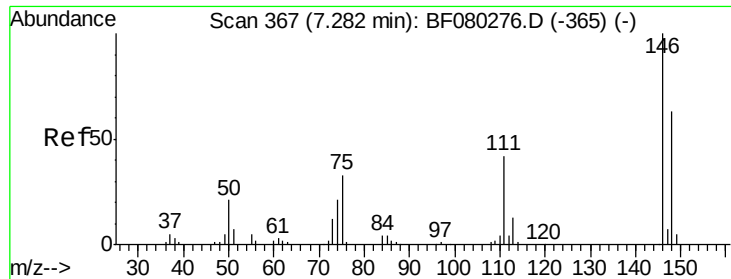
Tgt Ion: 93 Resp: 83967
 Ion Ratio Lower Upper
 93 100
 63 93.4 61.0 101.0
 95 30.9 12.0 52.0



#12
 1,3-Dichlorobenzene
 Concen: 29.25 ng
 RT: 7.18 min Scan# 446
 Delta R.T. -0.03 min
 Lab File: BF080330.D
 Acq: 3 Jul 2015 8:02

Tgt Ion: 146 Resp: 115784
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.8 77.6
 75 28.7 19.4 29.2

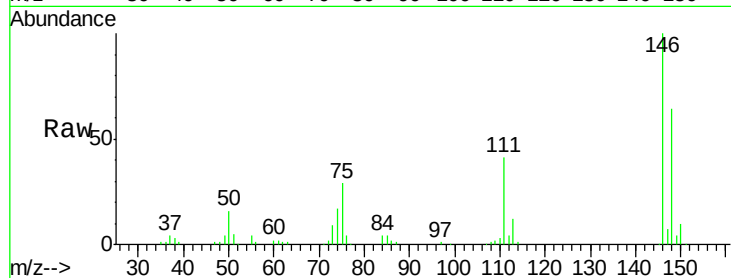




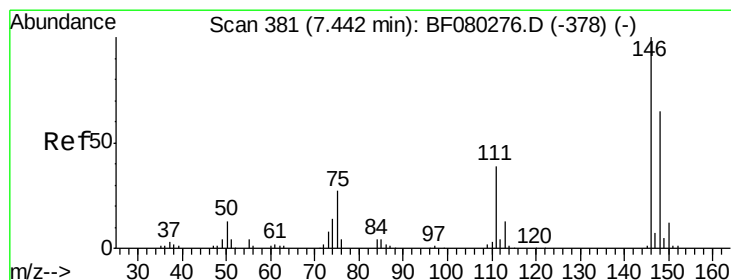
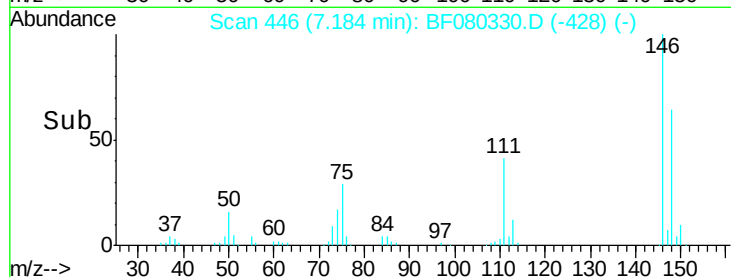
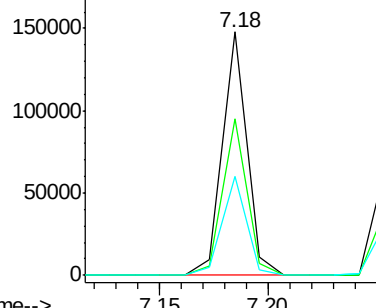
#13
 1,4-Dichlorobenzene
 Concen: 29.38 ng
 RT: 7.18 min Scan# 446
 Delta R.T. -0.10 min
 Lab File: BF080330.D
 Acq: 3 Jul 2015 8:02

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-02-W-UM

Tgt Ion:146 Resp: 115784
 Ion Ratio Lower Upper
 146 100
 148 64.1 50.2 75.2
 111 40.7 33.8 50.8

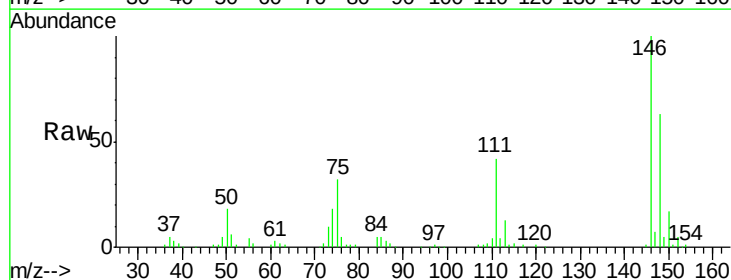


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

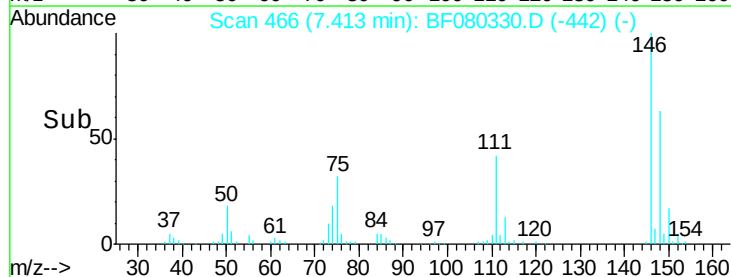
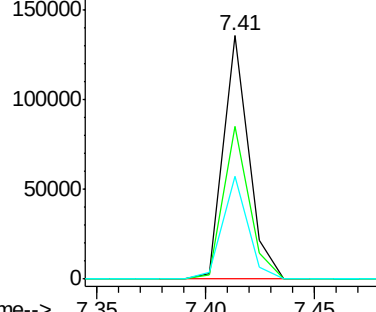


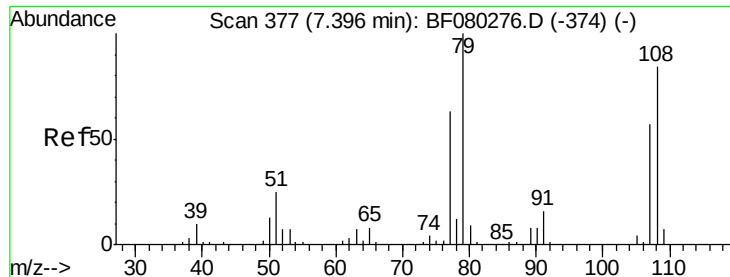
#14
 1,2-Dichlorobenzene
 Concen: 28.13 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.03 min
 Lab File: BF080330.D
 Acq: 3 Jul 2015 8:02

Tgt Ion:146 Resp: 110136
 Ion Ratio Lower Upper
 146 100
 148 62.9 52.2 78.4
 111 42.3 31.6 47.4



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

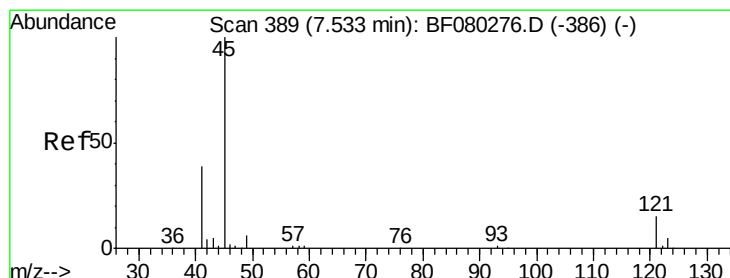
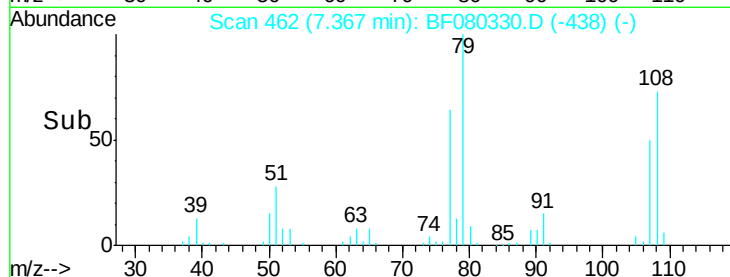
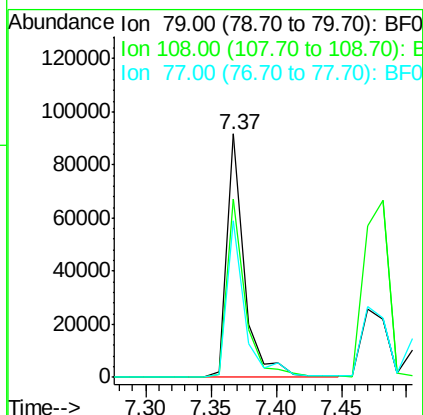
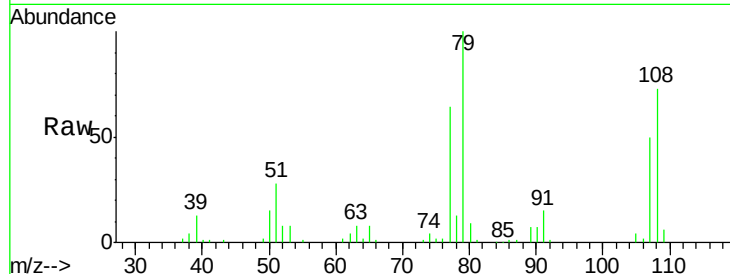




#15
Benzyl Alcohol
Concen: 28.65 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.03 min
Lab File: BF080330.D
Acq: 3 Jul 2015 8:02

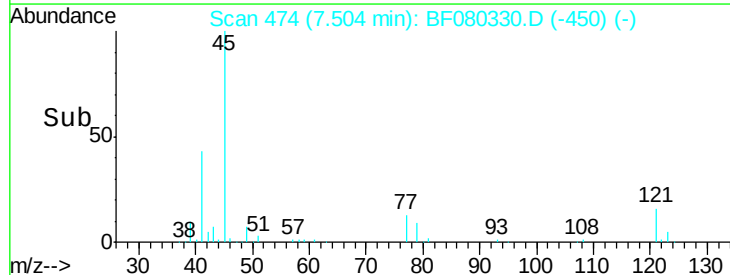
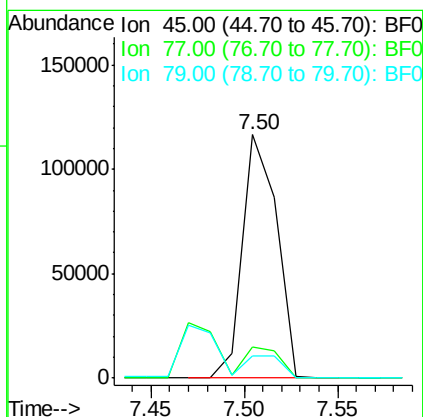
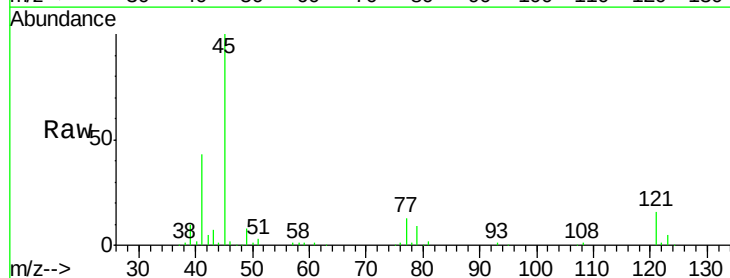
Instrument :
BNA_F
ClientSampleId :
IDOC-02-W-UM

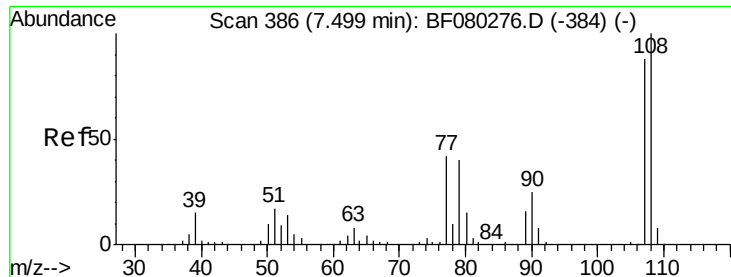
Tgt Ion: 79 Resp: 87415
Ion Ratio Lower Upper
79 100
108 73.5 67.1 100.7
77 64.4 50.7 76.1



#16
2,2'-oxybis(1-chloropropane)
Concen: 29.13 ng
RT: 7.50 min Scan# 474
Delta R.T. -0.03 min
Lab File: BF080330.D
Acq: 3 Jul 2015 8:02

Tgt Ion: 45 Resp: 148153
Ion Ratio Lower Upper
45 100
77 12.7 0.0 32.0
79 8.9 0.0 29.3

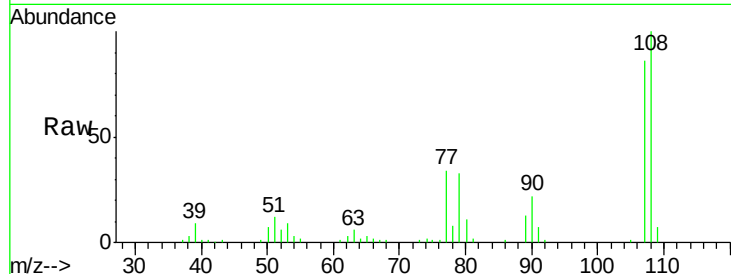




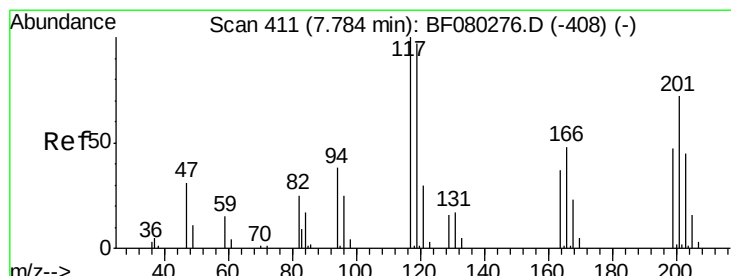
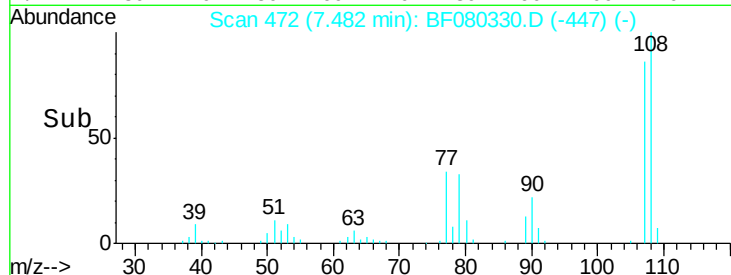
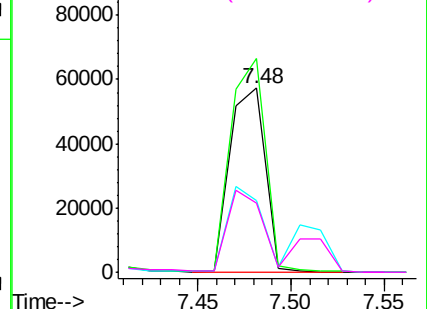
#17
2-Methylphenol
Concen: 27.25 ng
RT: 7.48 min Scan# 472
Delta R.T. -0.02 min
Lab File: BF080330.D
Acq: 3 Jul 2015 8:02

Instrument :
BNA_F
ClientSampleId :
IDOC-02-W-UM

Tgt Ion:107 Resp: 76399
Ion Ratio Lower Upper
107 100
108 115.9 90.6 136.0
77 38.9 38.0 57.0
79 37.8 36.4 54.6

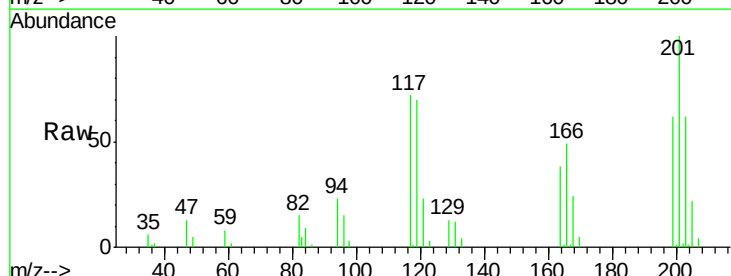


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

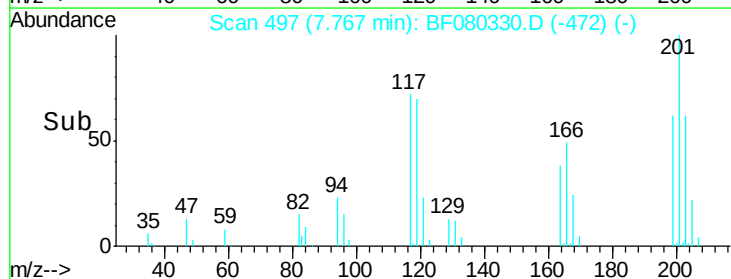
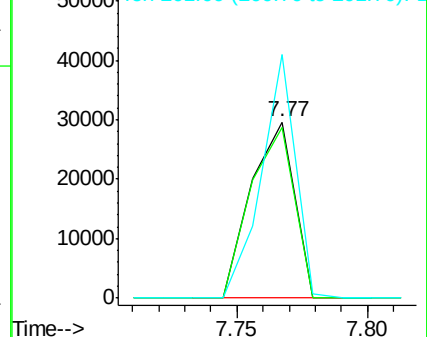


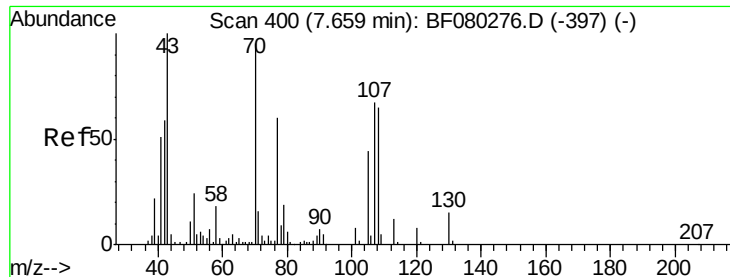
#18
Hexachloroethane
Concen: 27.75 ng
RT: 7.77 min Scan# 497
Delta R.T. -0.02 min
Lab File: BF080330.D
Acq: 3 Jul 2015 8:02

Tgt Ion:117 Resp: 34143
Ion Ratio Lower Upper
117 100
119 96.8 77.3 115.9
201 138.2 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

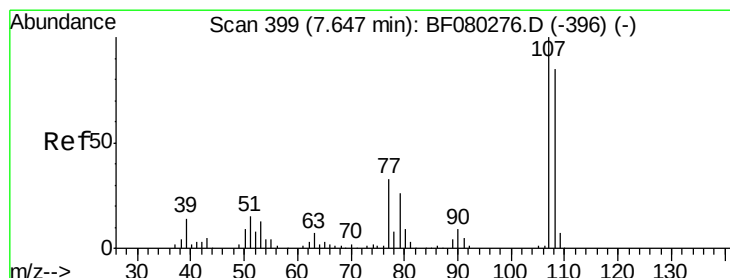
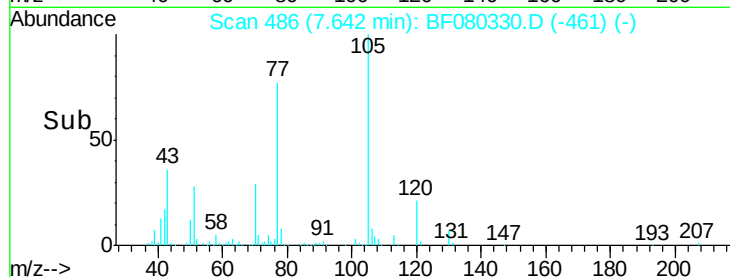
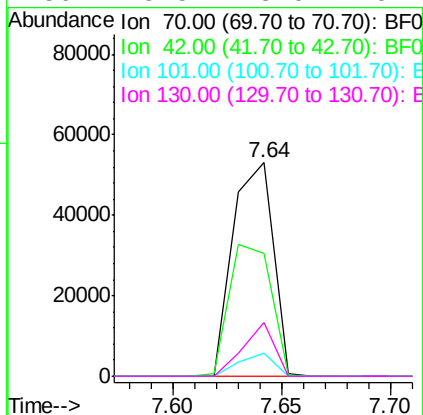
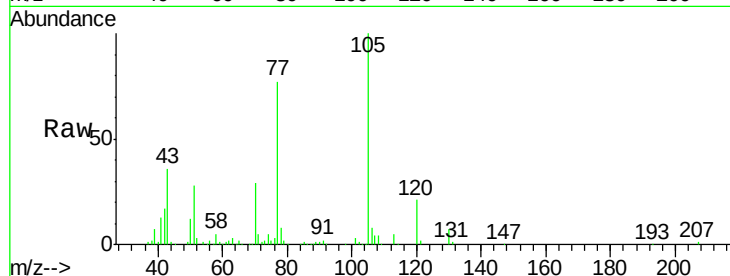




#19
n-Nitroso-di-n-propylamine
Concen: 25.86 ng
RT: 7.64 min Scan# 486
Delta R.T. -0.02 min
Lab File: BF080330.D
Acq: 3 Jul 2015 8:02

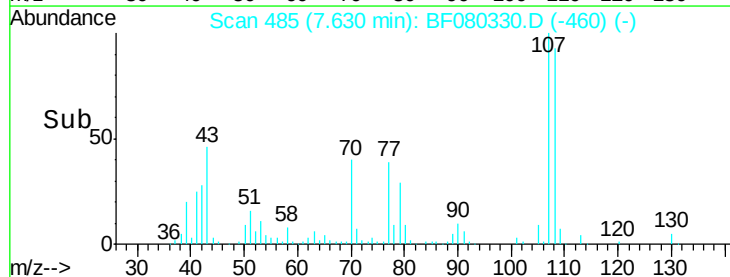
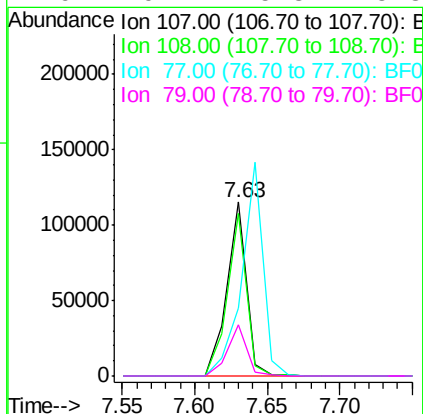
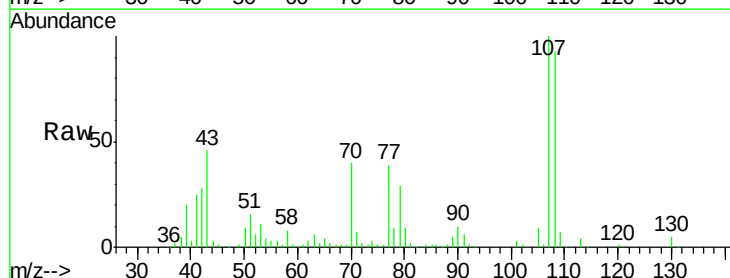
Instrument :
BNA_F
ClientSampleId :
IDOC-02-W-UM

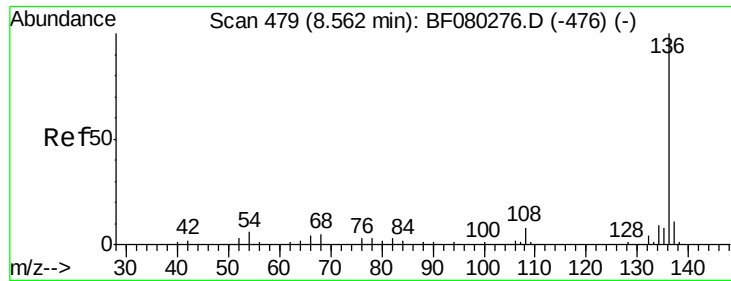
Tgt Ion: 70 Resp: 68126
Ion Ratio Lower Upper
70 100
42 57.3 49.8 74.8
101 10.9 6.8 10.2#
130 25.5 13.0 19.4#



#20
3+4-Methylphenols
Concen: 29.18 ng
RT: 7.63 min Scan# 485
Delta R.T. -0.02 min
Lab File: BF080330.D
Acq: 3 Jul 2015 8:02

Tgt Ion: 107 Resp: 108661
Ion Ratio Lower Upper
107 100
108 93.2 64.9 104.9
77 39.0 12.9 52.9
79 29.4 5.8 45.8

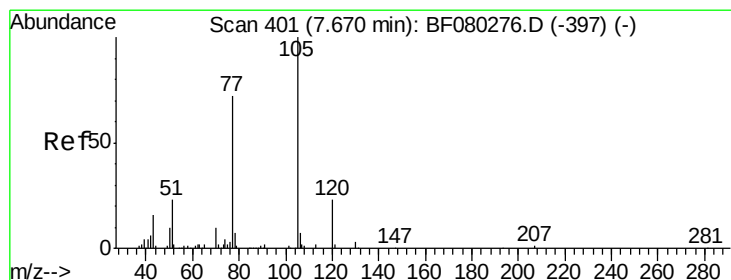
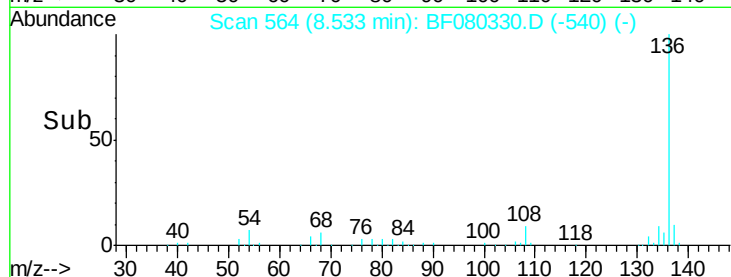
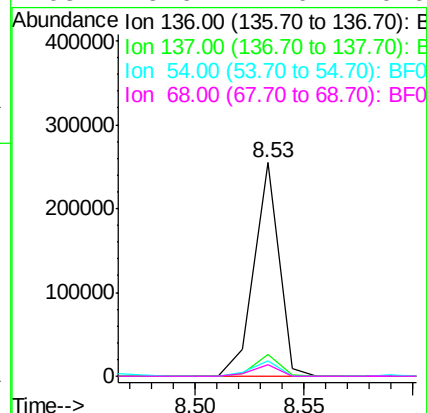
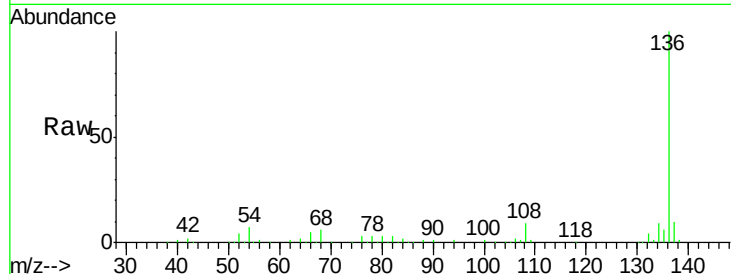




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.53 min Scan# 564
Delta R.T. -0.03 min
Lab File: BF080330.D
Acq: 3 Jul 2015 8:02

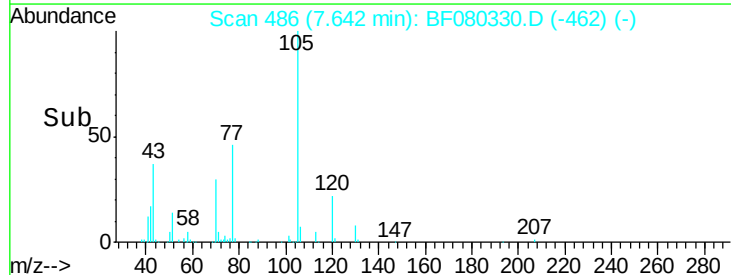
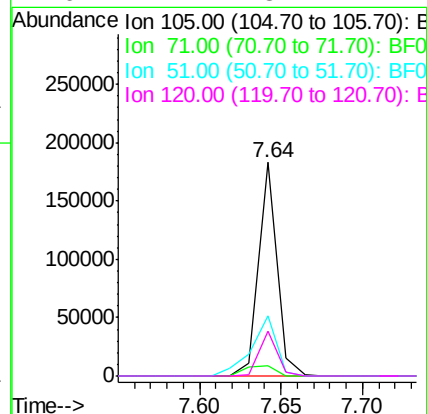
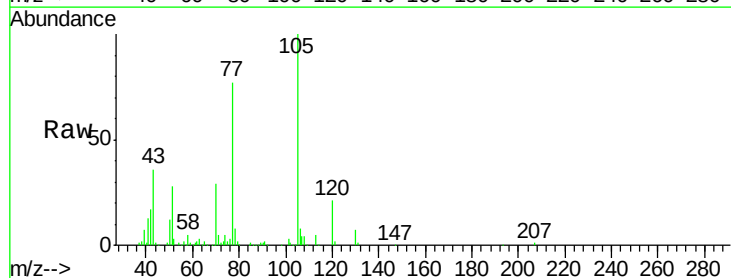
Instrument :
BNA_F
ClientSampleId :
IDOC-02-W-UM

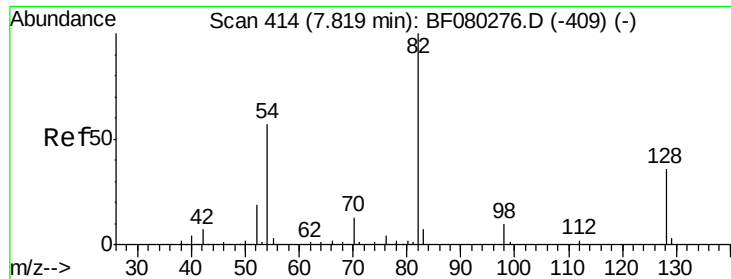
Tgt Ion:	136	Resp:	202586
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.4	12.6
54	7.1	4.9	7.3
68	5.6	4.0	6.0



#22
Acetophenone
Concen: 30.52 ng
RT: 7.64 min Scan# 486
Delta R.T. -0.03 min
Lab File: BF080330.D
Acq: 3 Jul 2015 8:02

Tgt Ion:	105	Resp:	144472
Ion	Ratio	Lower	Upper
105	100		
71	5.0	1.4	2.0#
51	28.1	18.5	27.7#
120	21.2	18.1	27.1

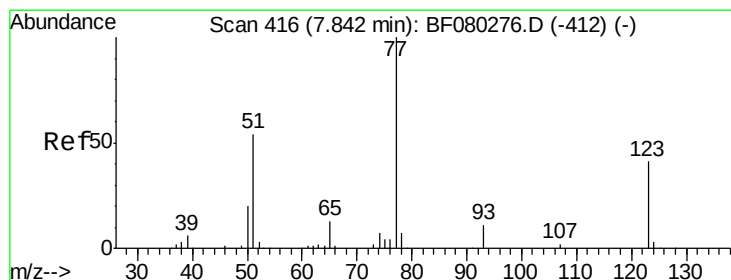
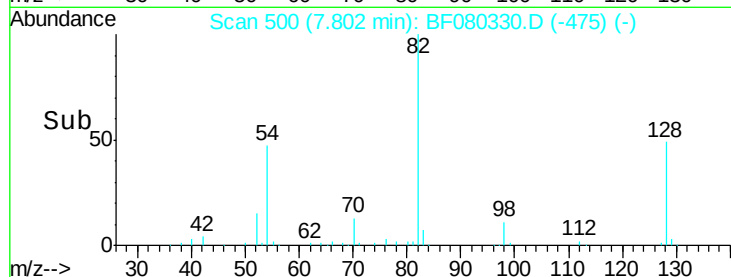
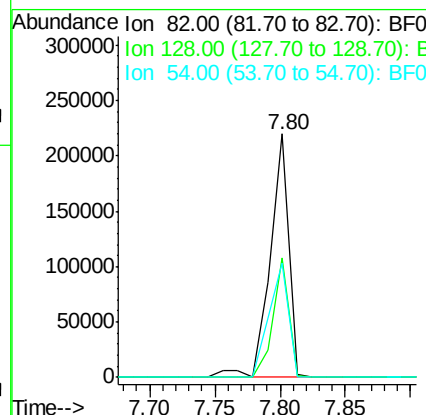
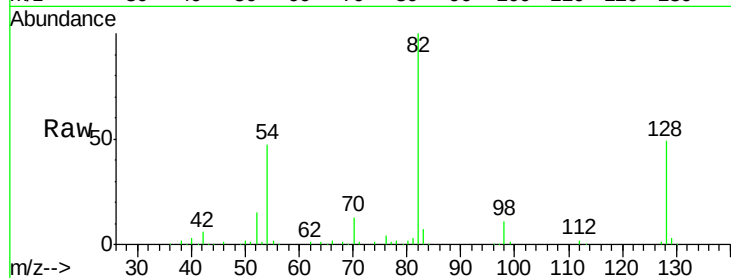




#23
 Nitrobenzene-d5
 Concen: 59.72 ng
 RT: 7.80 min Scan# 500
 Delta R.T. -0.02 min
 Lab File: BF080330.D
 Acq: 3 Jul 2015 8:02

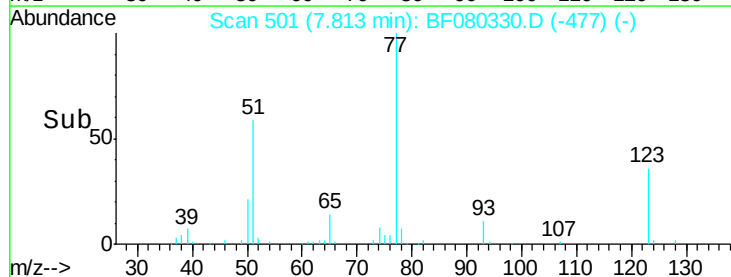
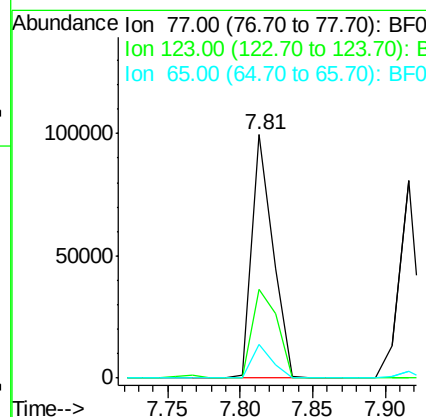
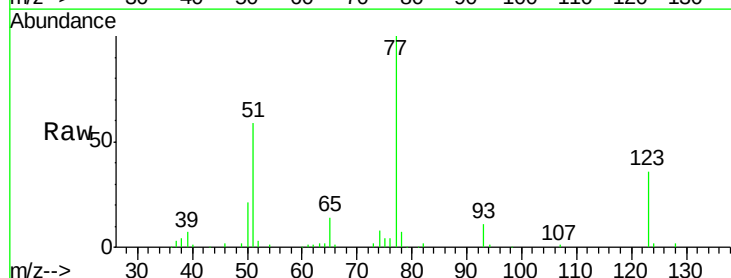
Instrument :
 BNA_F
 ClientSampleId :
 IDOC-02-W-UM

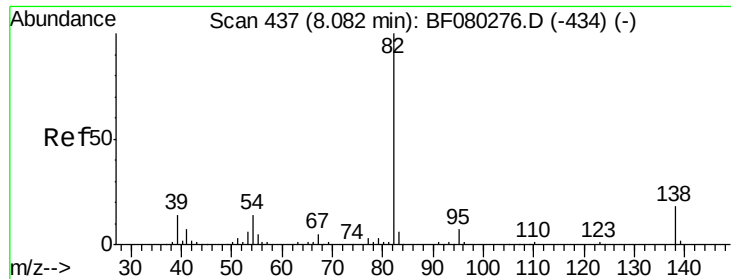
Tgt Ion	Ratio	Lower	Upper
82	100		
128	48.9	29.0	43.4#
54	47.0	45.3	67.9



#24
 Nitrobenzene
 Concen: 26.37 ng
 RT: 7.81 min Scan# 501
 Delta R.T. -0.03 min
 Lab File: BF080330.D
 Acq: 3 Jul 2015 8:02

Tgt Ion	Ratio	Lower	Upper
77	100		
123	36.5	33.0	49.6
65	14.0	10.6	15.8





#25

Isophorone

Concen: 27.72 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.03 min

Lab File: BF080330.D

Acq: 3 Jul 2015 8:02

Instrument :

BNA_F

ClientSampleId :

IDOC-02-W-UM

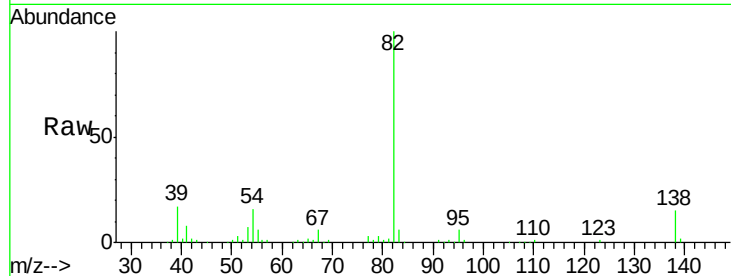
Tgt Ion: 82 Resp: 198239

Ion Ratio Lower Upper

82 100

95 6.4 5.3 7.9

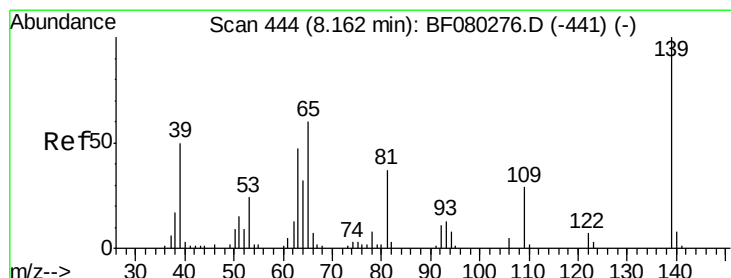
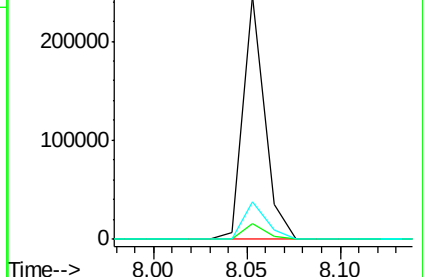
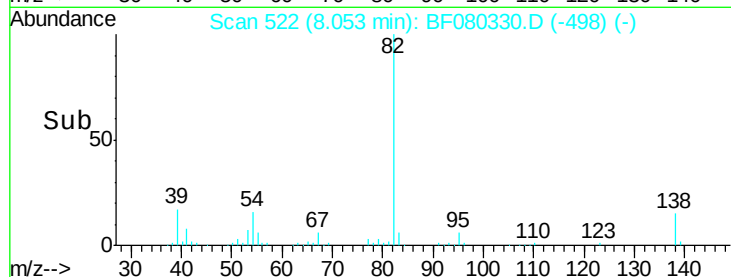
138 15.2 14.4 21.6



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 27.28 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.02 min

Lab File: BF080330.D

Acq: 3 Jul 2015 8:02

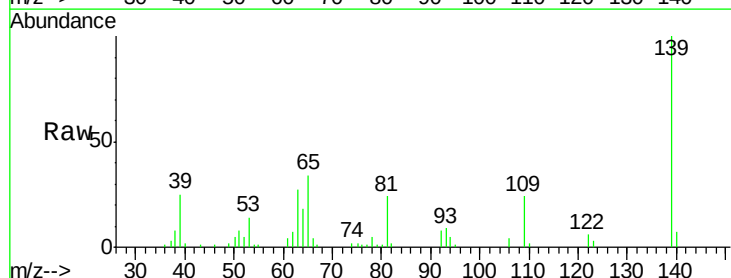
Tgt Ion: 139 Resp: 45452

Ion Ratio Lower Upper

139 100

109 24.0 23.1 34.7

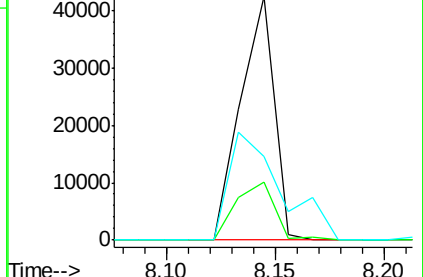
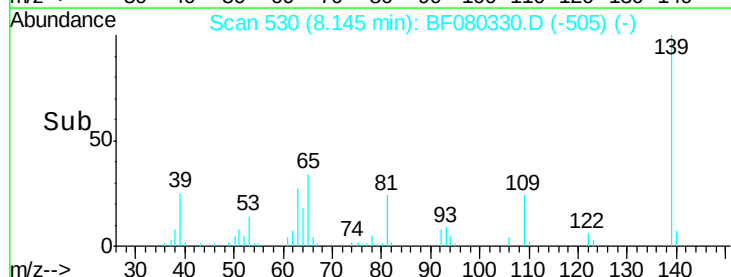
65 34.1 47.6 71.4#

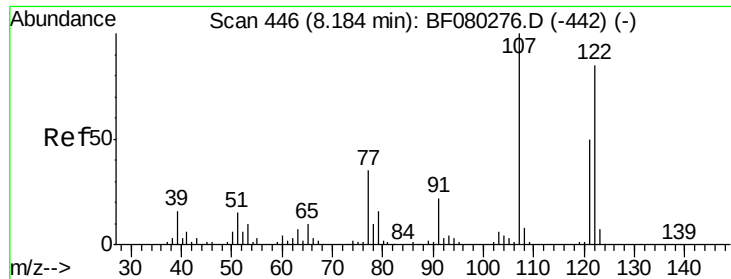


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 29.65 ng

RT: 8.17 min Scan# 532

Delta R.T. -0.02 min

Lab File: BF080330.D

Acq: 3 Jul 2015 8:02

Instrument :

BNA_F

ClientSampleId :

IDOC-02-W-UM

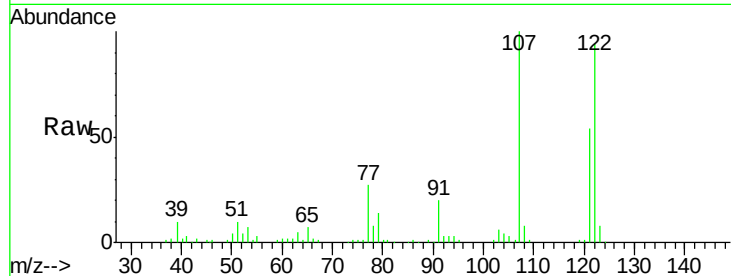
Tgt Ion: 122 Resp: 90685

Ion Ratio Lower Upper

122 100

107 105.8 93.7 140.5

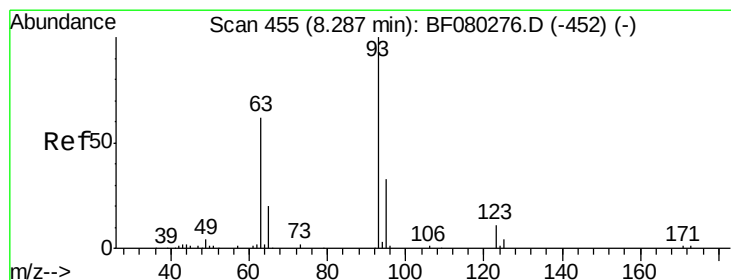
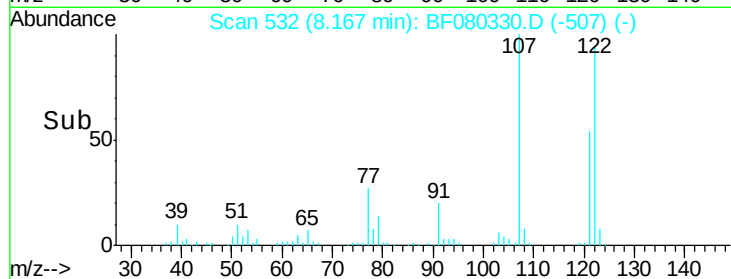
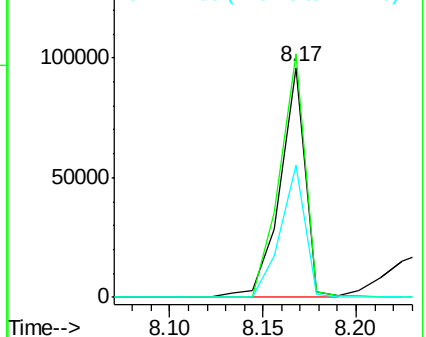
121 57.3 46.9 70.3



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: 29.16 ng

RT: 8.26 min Scan# 540

Delta R.T. -0.03 min

Lab File: BF080330.D

Acq: 3 Jul 2015 8:02

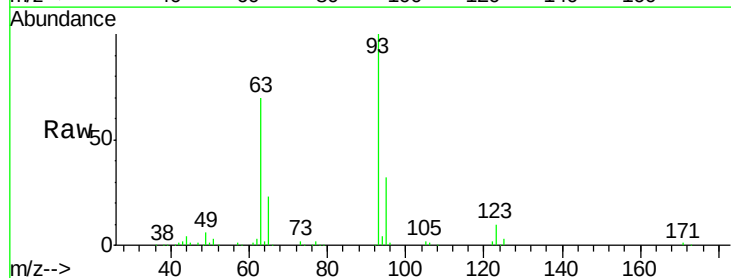
Tgt Ion: 93 Resp: 125160

Ion Ratio Lower Upper

93 100

95 32.5 26.6 39.8

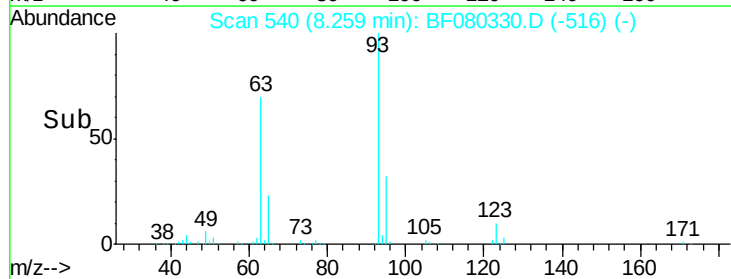
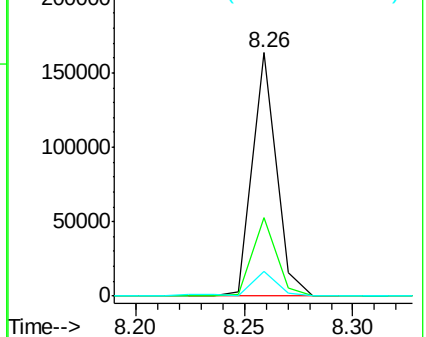
123 10.0 9.2 13.8

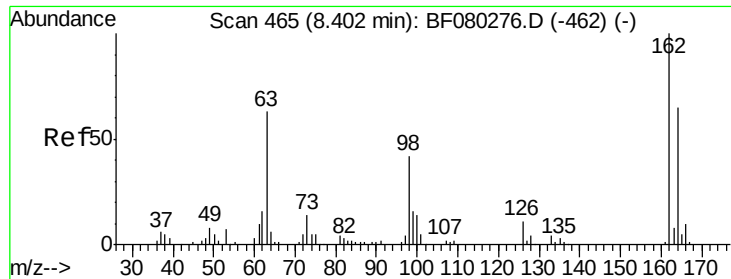


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

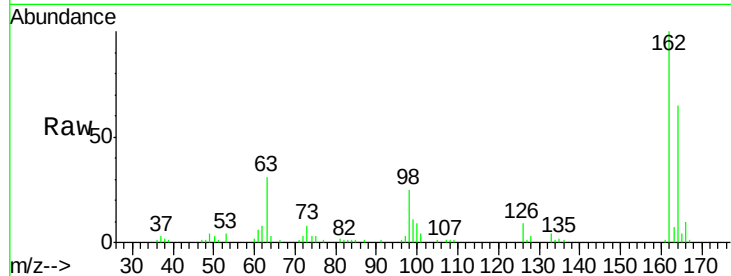




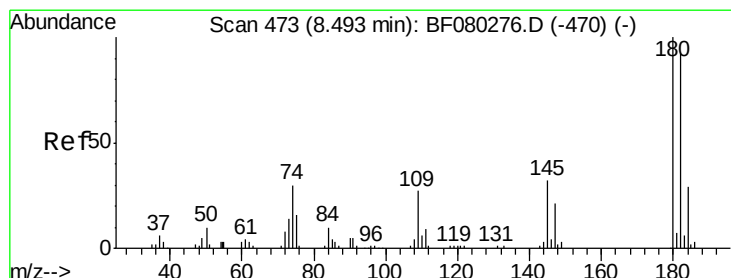
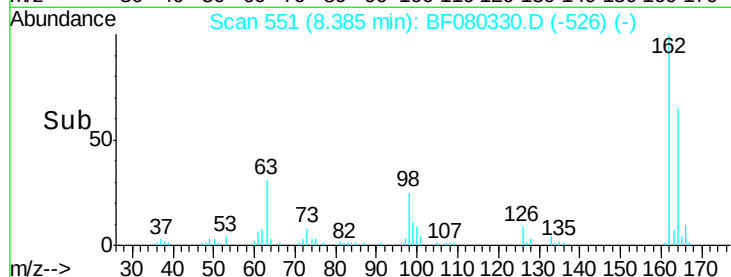
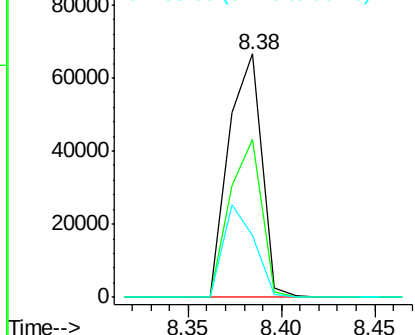
#29
 2,4-Dichlorophenol
 Concen: 29.19 ng
 RT: 8.38 min Scan# 551
 Delta R.T. -0.02 min
 Lab File: BF080330.D
 Acq: 3 Jul 2015 8:02

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-02-W-UM

Tgt Ion:162 Resp: 82450
 Ion Ratio Lower Upper
 162 100
 164 65.1 44.6 84.6
 98 25.3 21.7 61.7

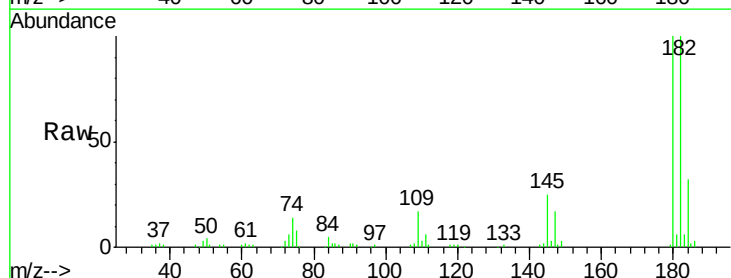


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

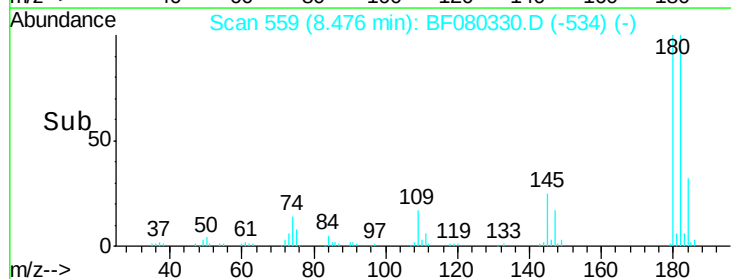
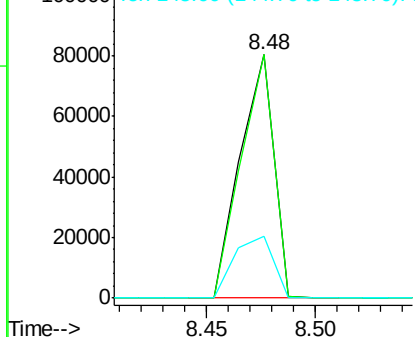


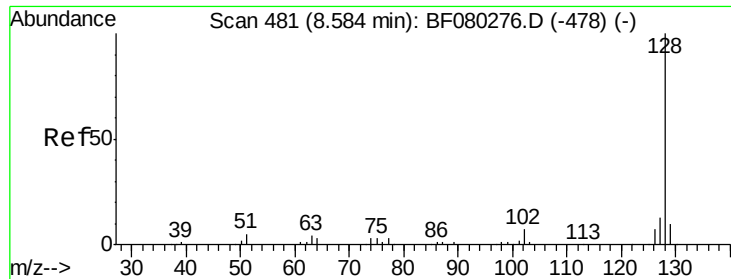
#30
 1,2,4-Trichlorobenzene
 Concen: 26.21 ng
 RT: 8.48 min Scan# 559
 Delta R.T. -0.02 min
 Lab File: BF080330.D
 Acq: 3 Jul 2015 8:02

Tgt Ion:180 Resp: 86390
 Ion Ratio Lower Upper
 180 100
 182 100.0 73.8 110.6
 145 25.3 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

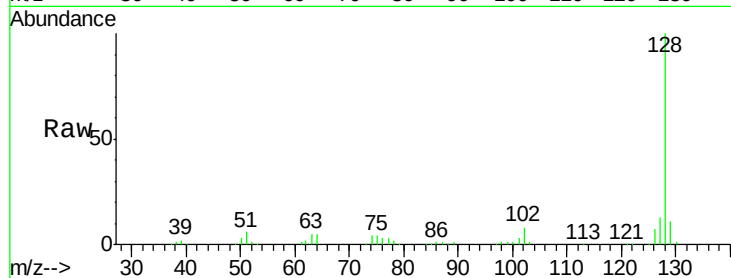




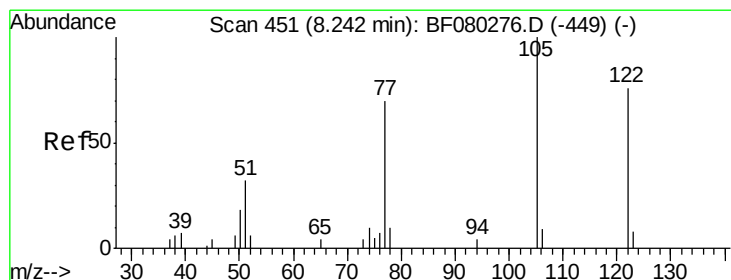
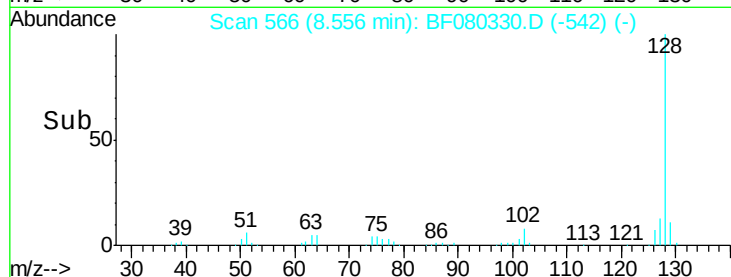
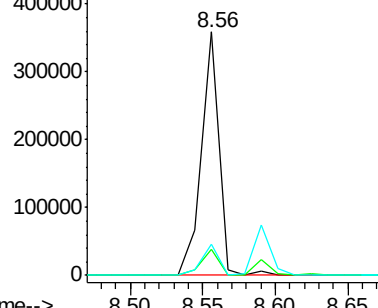
#31
Naphthalene
Concen: 29.23 ng
RT: 8.56 min Scan# 566
Delta R.T. -0.03 min
Lab File: BF080330.D
Acq: 3 Jul 2015 8:02

Instrument :
BNA_F
ClientSampleId :
IDOC-02-W-UM

Tgt Ion:128 Resp: 301690
Ion Ratio Lower Upper
128 100
129 10.9 8.2 12.4
127 12.8 10.4 15.6

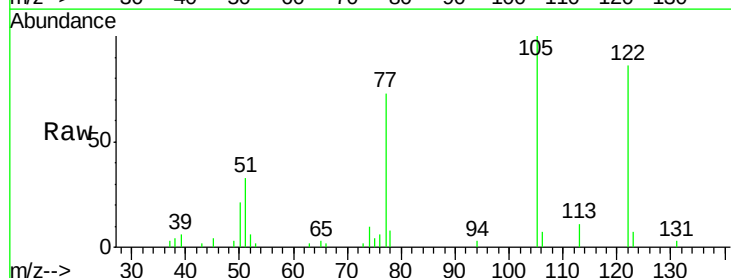


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

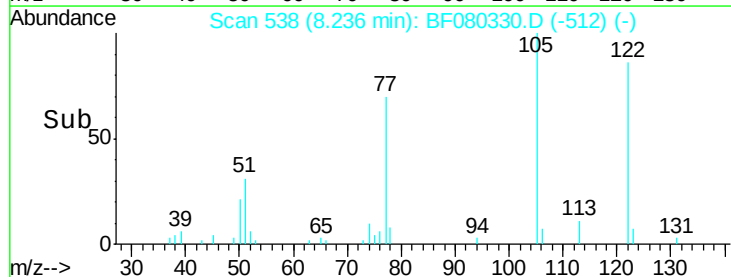
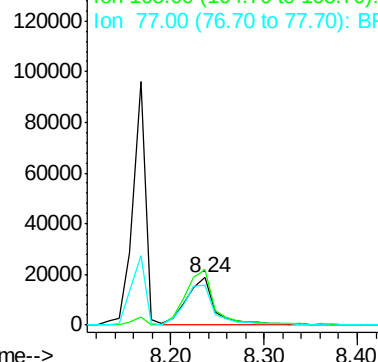


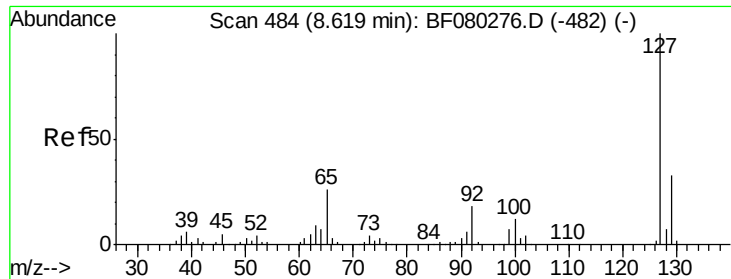
#32
Benzoic acid
Concen: 56.95 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.01 min
Lab File: BF080330.D
Acq: 3 Jul 2015 8:02

Tgt Ion:122 Resp: 39863
Ion Ratio Lower Upper
122 100
105 116.5 103.3 143.3
77 85.0 71.5 111.5



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

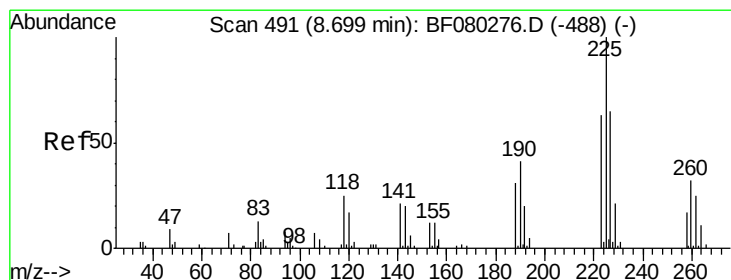
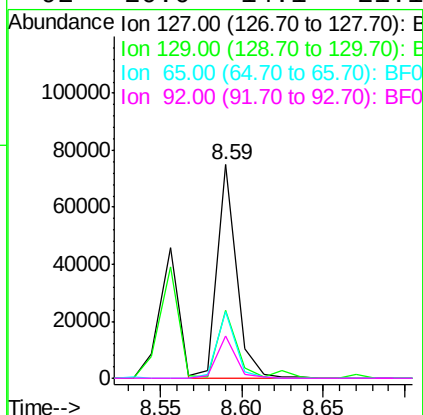
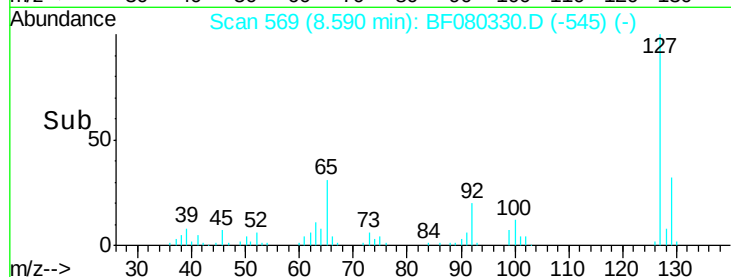
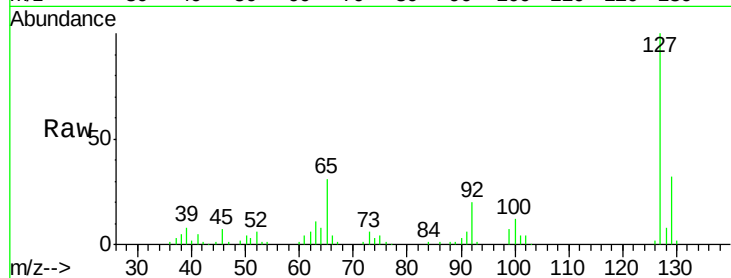




#33
 4-Chloroaniline
 Concen: 14.17 ng
 RT: 8.59 min Scan# 569
 Delta R.T. -0.03 min
 Lab File: BF080330.D
 Acq: 3 Jul 2015 8:02

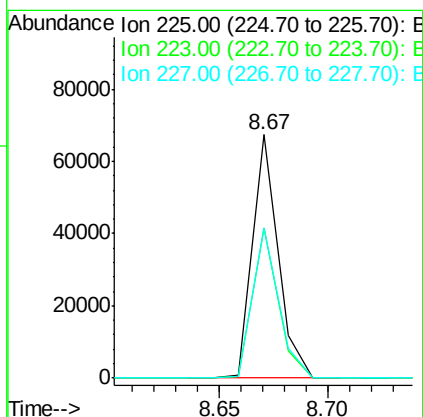
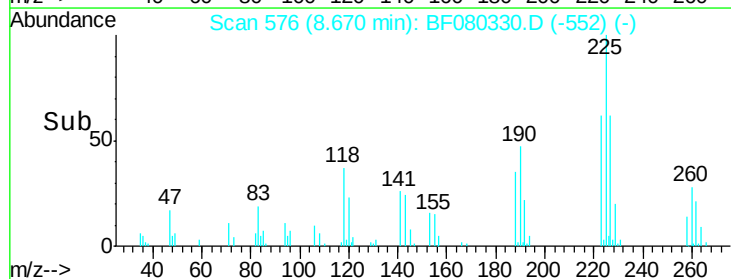
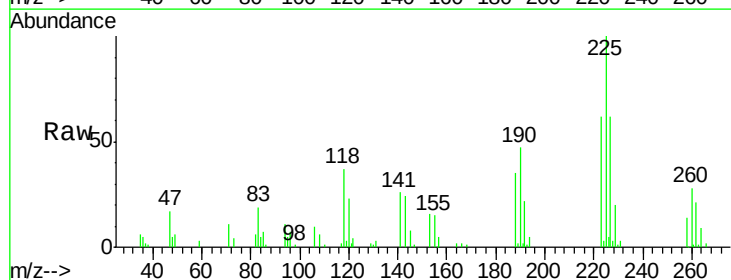
Instrument :
 BNA_F
 ClientSampleId :
 IDOC-02-W-UM

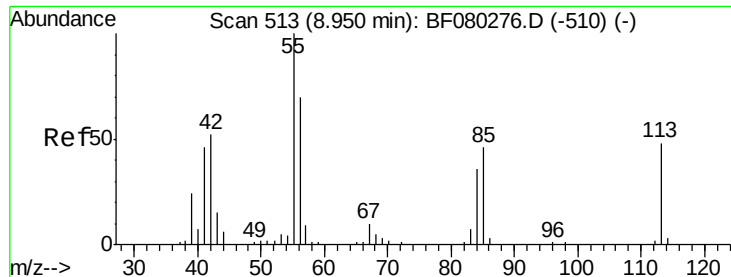
Tgt Ion:	127	Resp:	62037
Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.4	39.6
65	31.2	21.0	31.6
92	20.0	14.1	21.1



#34
 Hexachlorobutadiene
 Concen: 26.48 ng
 RT: 8.67 min Scan# 576
 Delta R.T. -0.03 min
 Lab File: BF080330.D
 Acq: 3 Jul 2015 8:02

Tgt Ion:	225	Resp:	54960
Ion	Ratio	Lower	Upper
225	100		
223	61.9	50.5	75.7
227	61.5	51.8	77.8

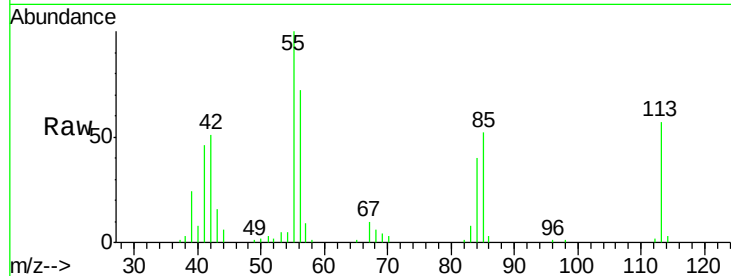




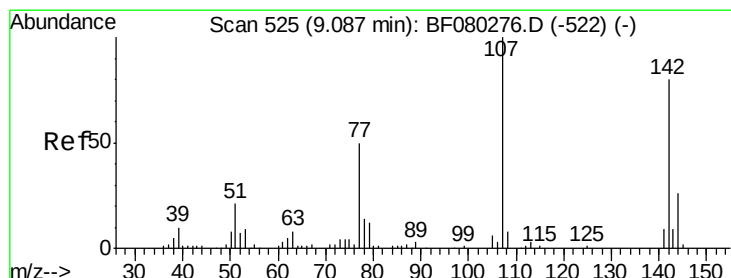
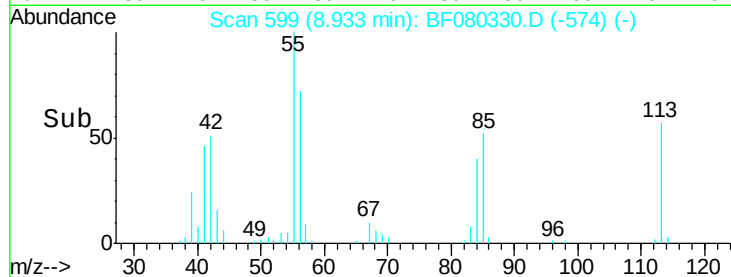
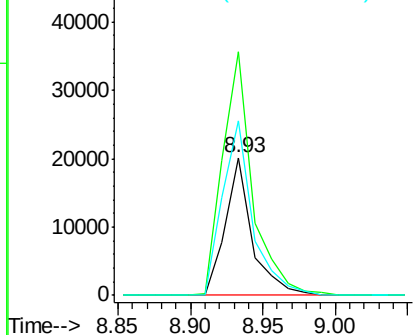
#35
 Caprolactam
 Concen: 30.22 ng
 RT: 8.93 min Scan# 599
 Delta R.T. -0.02 min
 Lab File: BF080330.D
 Acq: 3 Jul 2015 8:02

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-02-W-UM

Tgt Ion:113 Resp: 25901
 Ion Ratio Lower Upper
 113 100
 55 176.5 189.7 229.7#
 56 126.3 127.2 167.2#

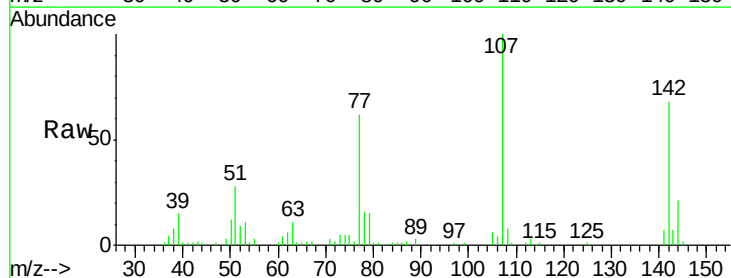


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

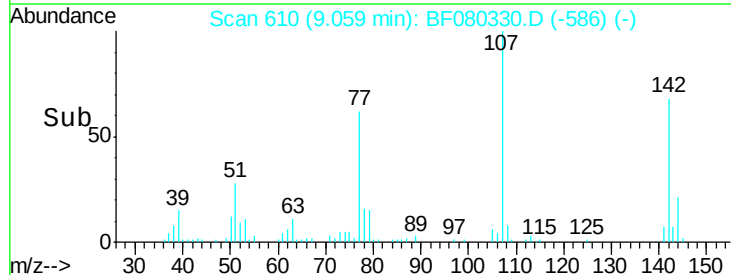
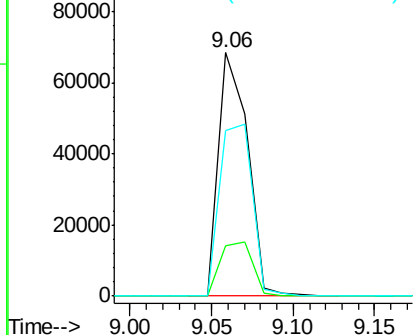


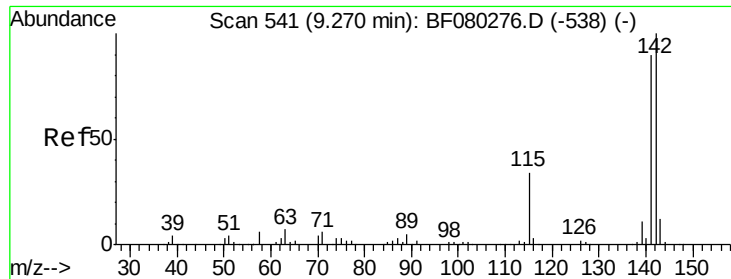
#36
 4-Chloro-3-methylphenol
 Concen: 27.57 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.03 min
 Lab File: BF080330.D
 Acq: 3 Jul 2015 8:02

Tgt Ion:107 Resp: 84315
 Ion Ratio Lower Upper
 107 100
 144 20.9 20.4 30.6
 142 68.0 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

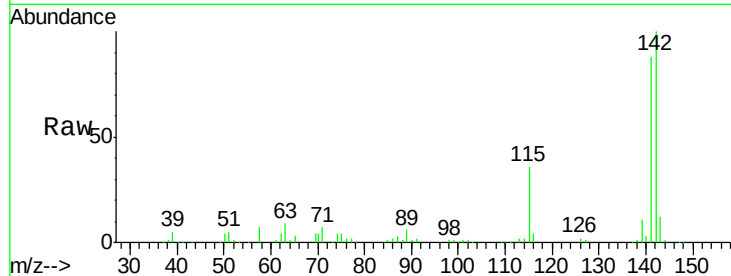




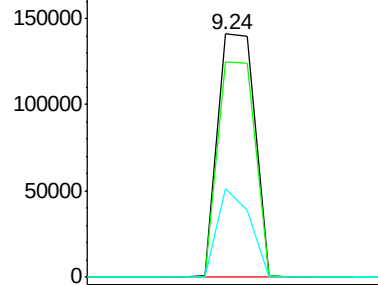
#37
 2-Methylnaphthalene
 Concen: 27.36 ng
 RT: 9.24 min Scan# 626
 Delta R.T. -0.03 min
 Lab File: BF080330.D
 Acq: 3 Jul 2015 8:02

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-02-W-UM

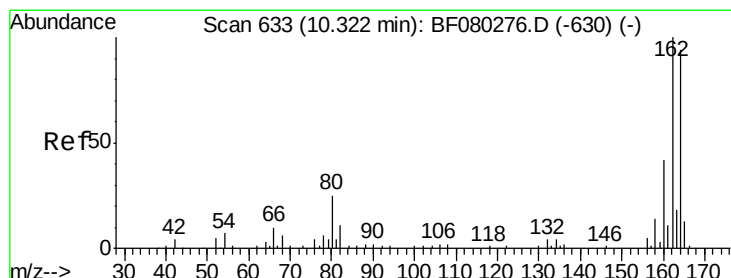
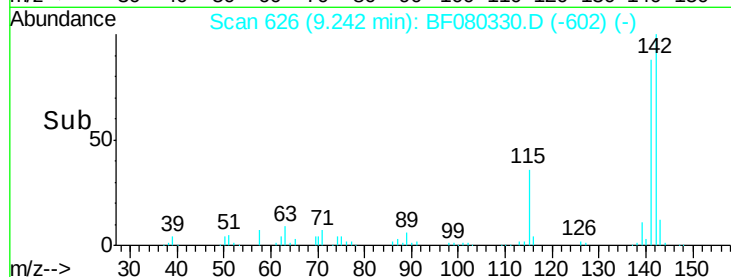
Tgt Ion:142 Resp: 193342
 Ion Ratio Lower Upper
 142 100
 141 88.5 71.8 107.6
 115 36.4 27.4 41.2



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

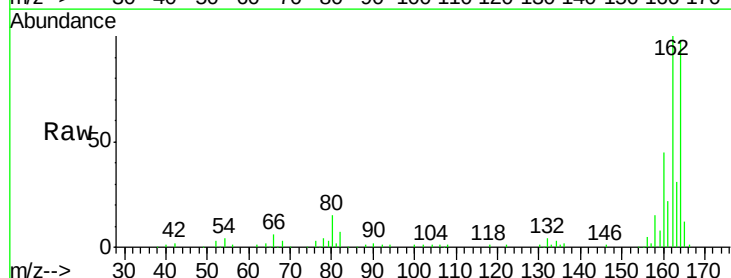


Time-->

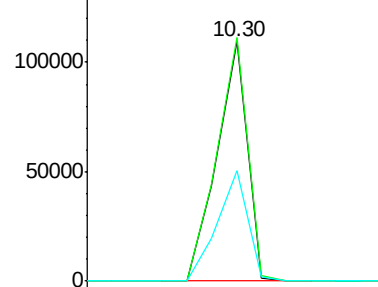


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.30 min Scan# 719
 Delta R.T. -0.02 min
 Lab File: BF080330.D
 Acq: 3 Jul 2015 8:02

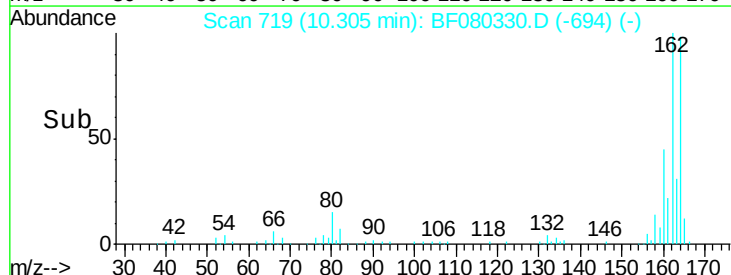
Tgt Ion:164 Resp: 106111
 Ion Ratio Lower Upper
 164 100
 162 101.7 84.8 127.2
 160 46.0 35.8 53.8

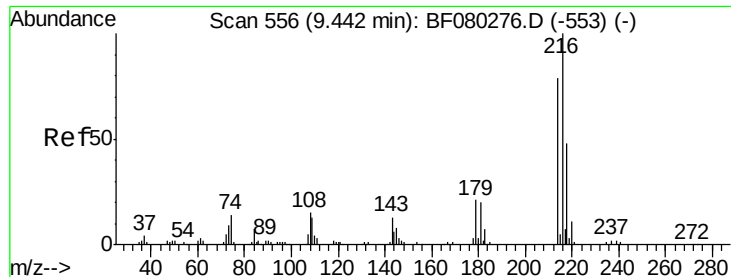


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E



Time-->

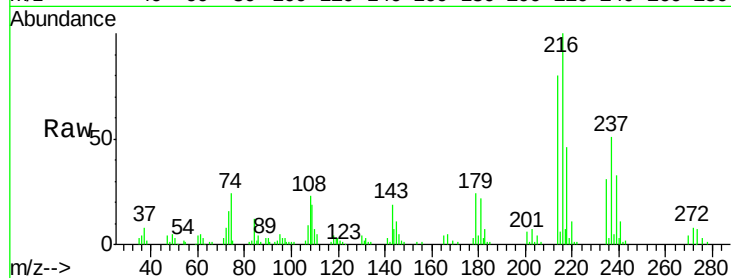




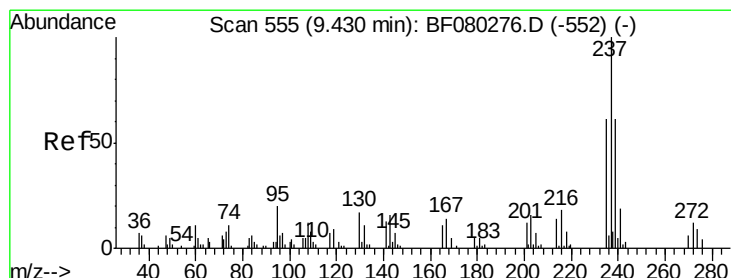
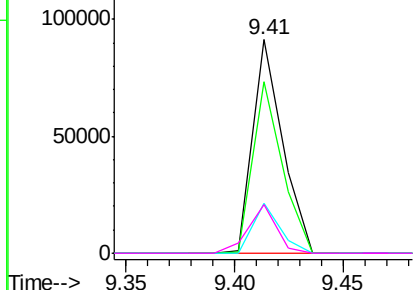
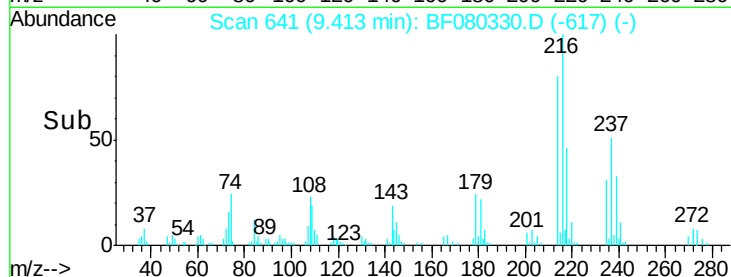
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 24.68 ng
 RT: 9.41 min Scan# 641
 Delta R.T. -0.03 min
 Lab File: BF080330.D
 Acq: 3 Jul 2015 8:02

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-02-W-UM

Tgt Ion:	216	Resp:	87165
Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.0	94.6
179	21.2	16.8	25.2
108	21.7	13.8	20.8#

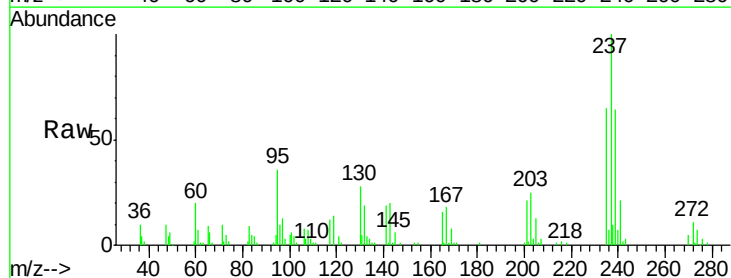


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

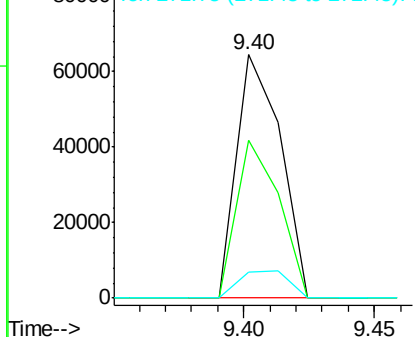
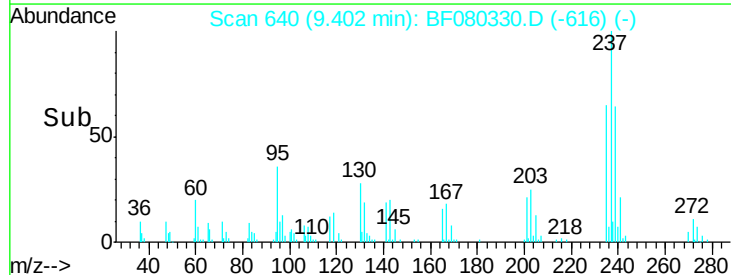


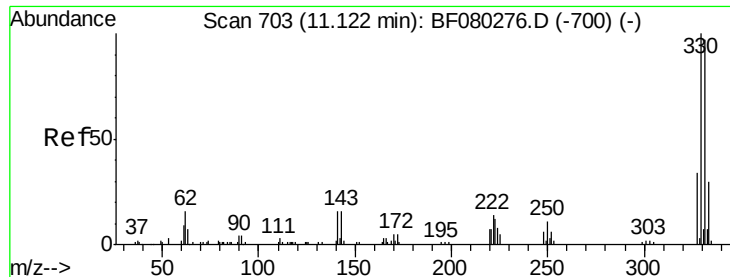
#40
 Hexachlorocyclopentadiene
 Concen: 57.11 ng
 RT: 9.40 min Scan# 640
 Delta R.T. -0.03 min
 Lab File: BF080330.D
 Acq: 3 Jul 2015 8:02

Tgt Ion:	237	Resp:	76124
Ion	Ratio	Lower	Upper
237	100		
235	64.7	41.3	81.3
272	10.8	0.0	31.8



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: 95.82 ng

RT: 11.09 min Scan# 788

Delta R.T. -0.03 min

Lab File: BF080330.D

Acq: 3 Jul 2015 8:02

Instrument :

BNA_F

ClientSampleId :

IDOC-02-W-UM

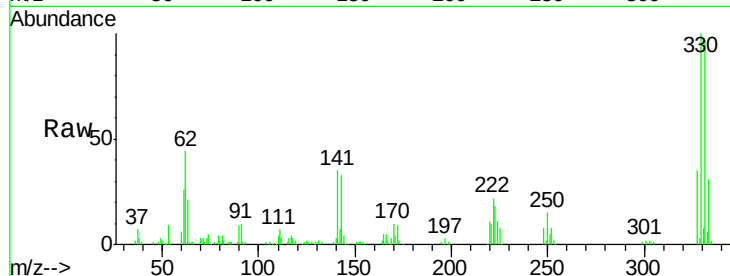
Tgt Ion:330 Resp: 96813

Ion Ratio Lower Upper

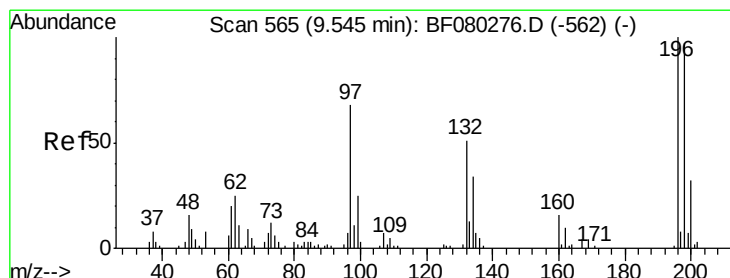
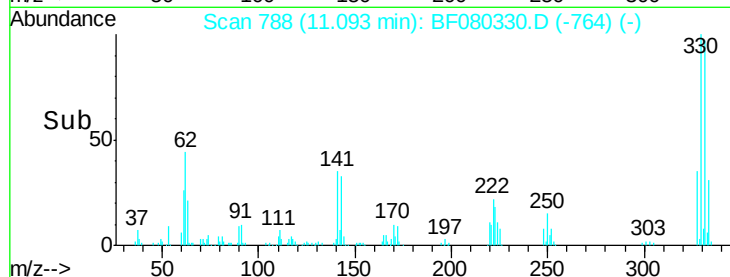
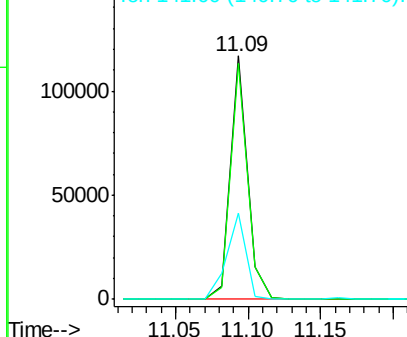
330 100

332 96.6 77.4 116.2

141 39.4 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: 25.55 ng

RT: 9.53 min Scan# 651

Delta R.T. -0.02 min

Lab File: BF080330.D

Acq: 3 Jul 2015 8:02

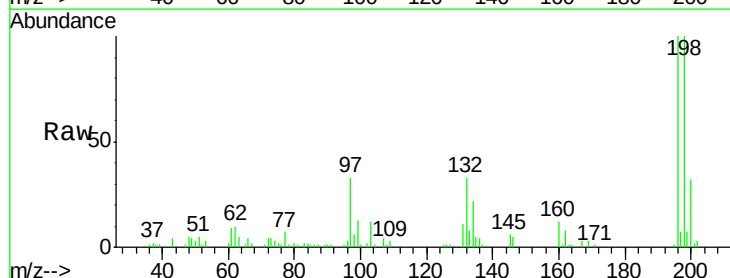
Tgt Ion:196 Resp: 57111

Ion Ratio Lower Upper

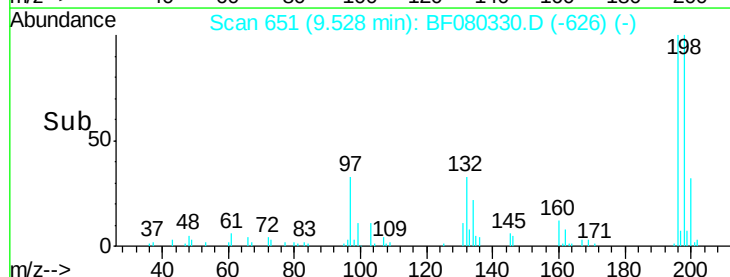
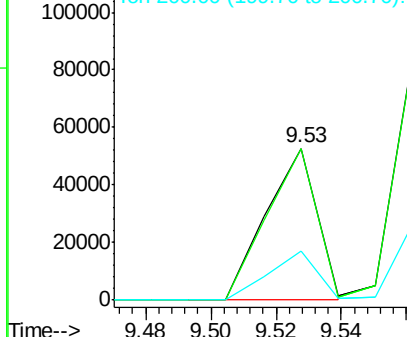
196 100

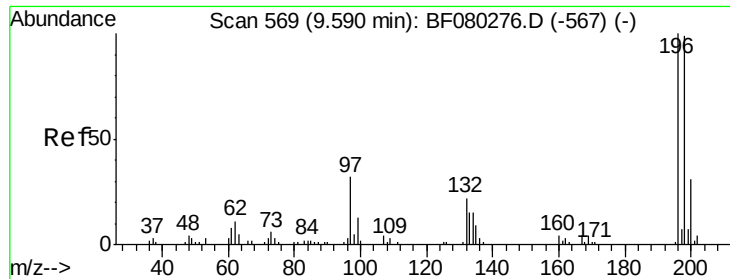
198 99.8 77.7 116.5

200 32.3 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

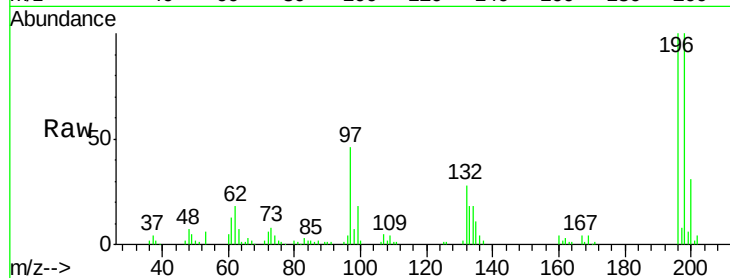




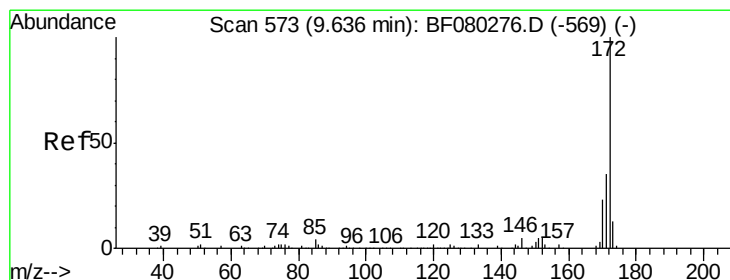
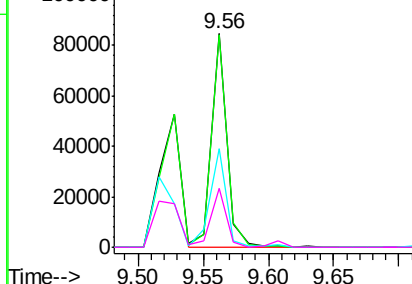
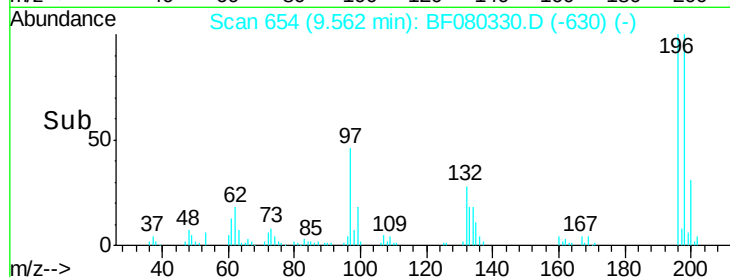
#43
 2,4,5-Trichlorophenol
 Concen: 28.94 ng
 RT: 9.56 min Scan# 654
 Delta R.T. -0.03 min
 Lab File: BF080330.D
 Acq: 3 Jul 2015 8:02

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-02-W-UM

Tgt Ion:196 Resp: 69684
 Ion Ratio Lower Upper
 196 100
 198 99.7 79.4 119.2
 97 46.3 25.9 38.9#
 132 27.6 17.3 25.9#

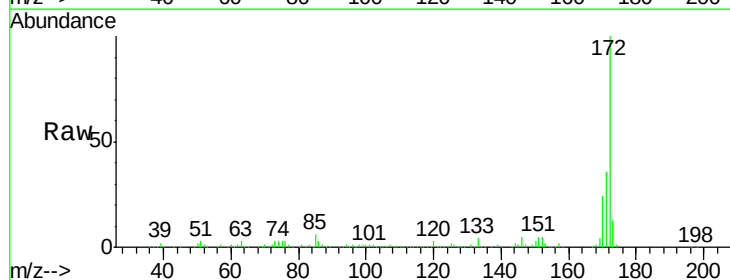


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

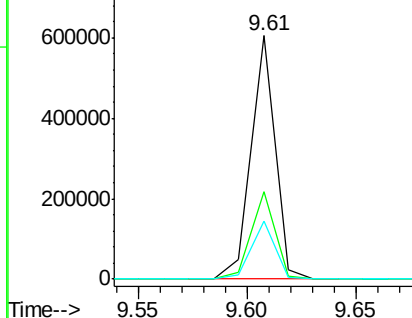
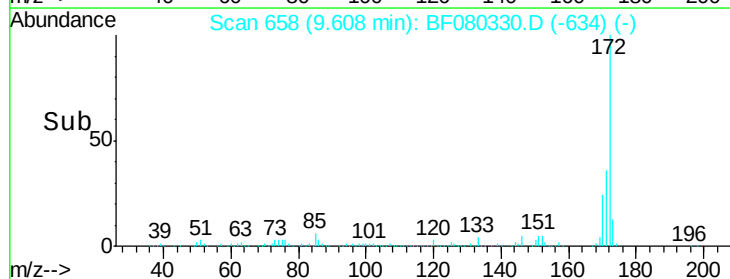


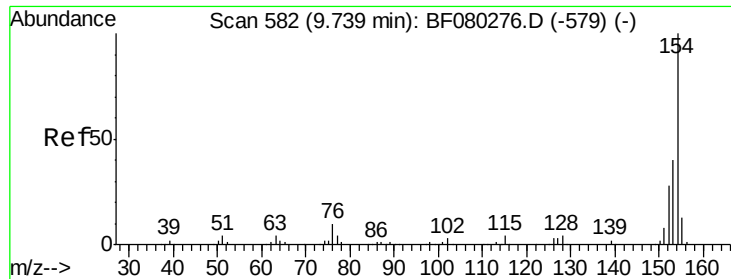
#44
 2-Fluorobiphenyl
 Concen: 62.99 ng
 RT: 9.61 min Scan# 658
 Delta R.T. -0.03 min
 Lab File: BF080330.D
 Acq: 3 Jul 2015 8:02

Tgt Ion:172 Resp: 464408
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.1 42.1
 170 23.8 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

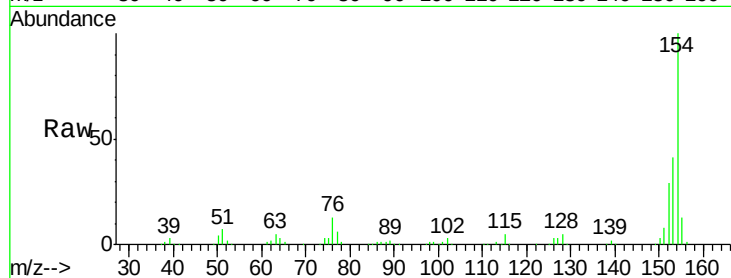




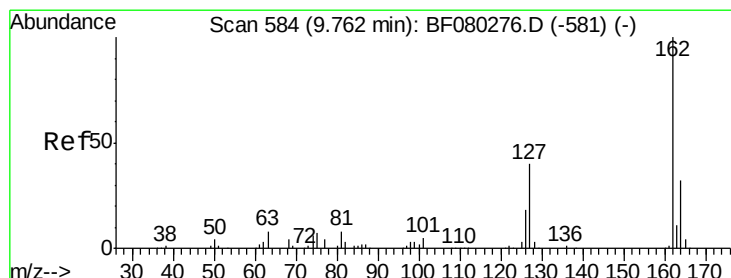
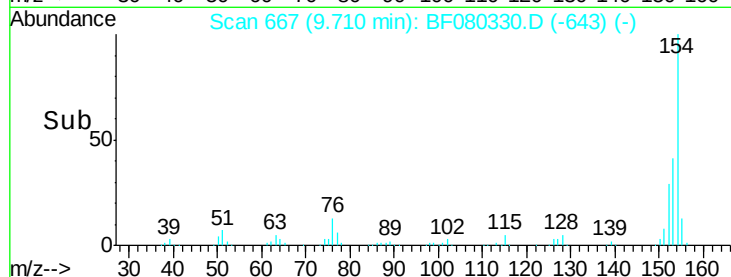
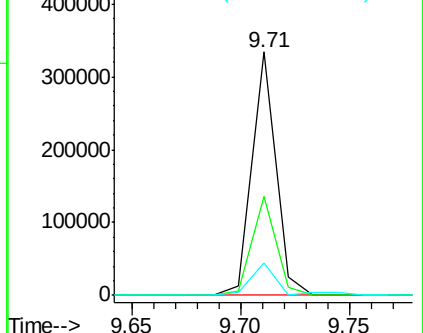
#45
 1,1'-Biphenyl
 Concen: 28.37 ng
 RT: 9.71 min Scan# 667
 Delta R.T. -0.03 min
 Lab File: BF080330.D
 Acq: 3 Jul 2015 8:02

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-02-W-UM

Tgt Ion:	154	Resp:	255970
Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.3	60.3
76	13.3	0.0	30.3

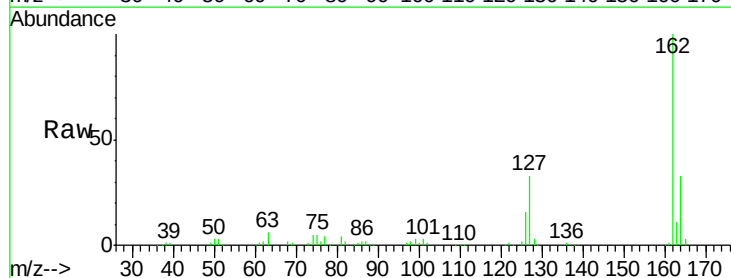


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

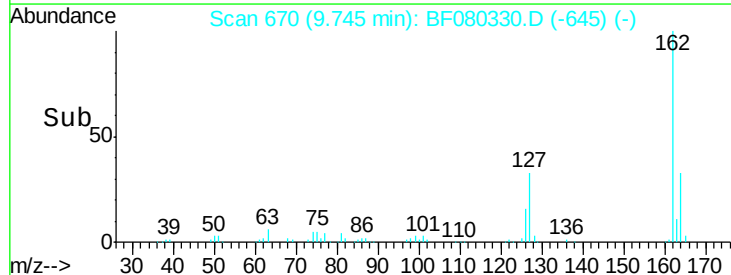
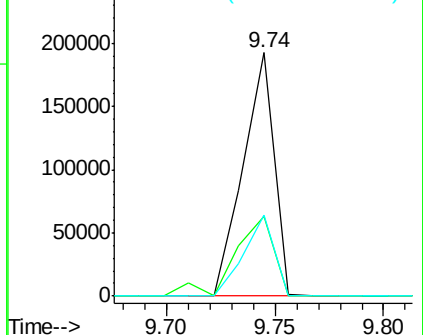


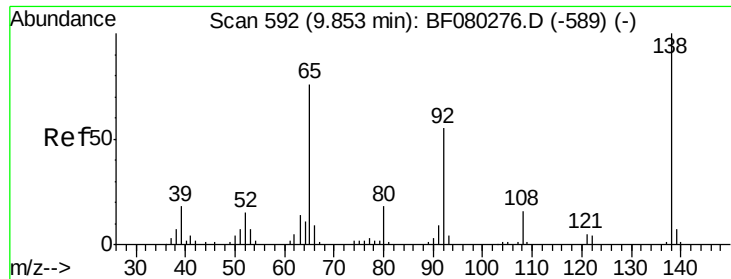
#46
 2-Chloronaphthalene
 Concen: 27.25 ng
 RT: 9.74 min Scan# 670
 Delta R.T. -0.02 min
 Lab File: BF080330.D
 Acq: 3 Jul 2015 8:02

Tgt Ion:	162	Resp:	190359
Ion	Ratio	Lower	Upper
162	100		
127	32.8	33.4	50.0#
164	33.2	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

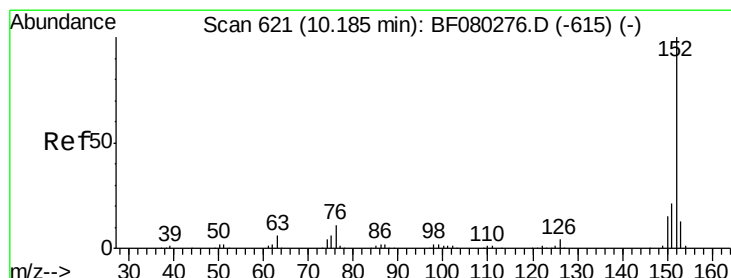
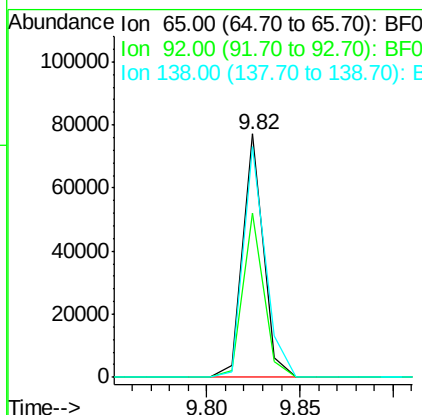
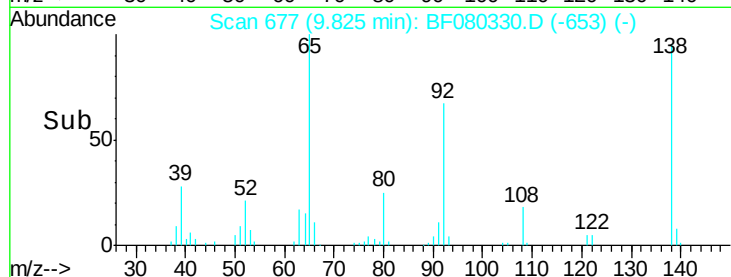
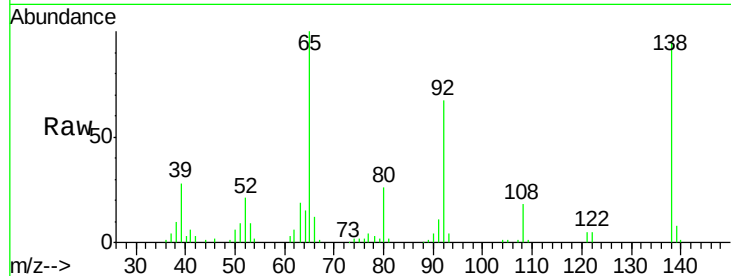




#47
 2-Nitroaniline
 Concen: 29.91 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.03 min
 Lab File: BF080330.D
 Acq: 3 Jul 2015 8:02

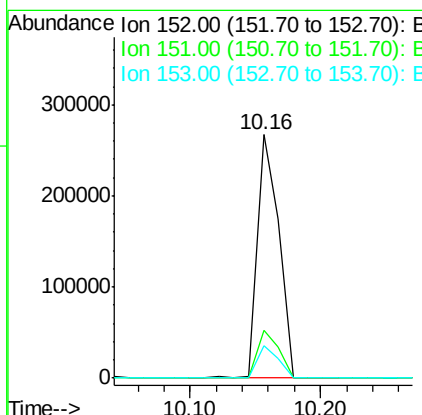
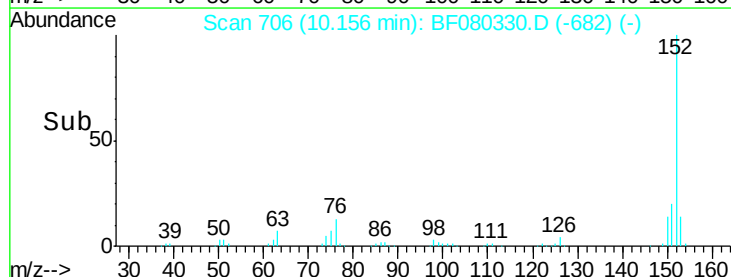
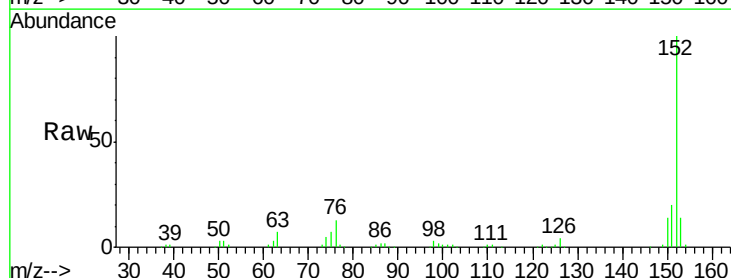
Instrument :
 BNA_F
 ClientSampleId :
 IDOC-02-W-UM

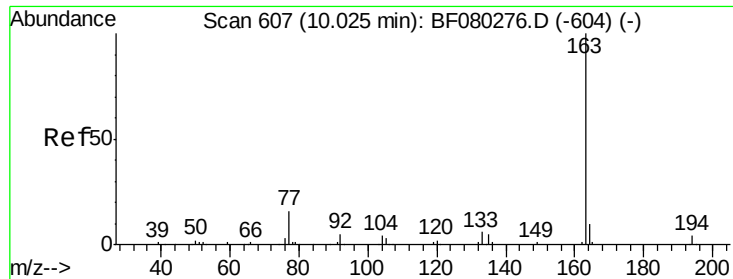
Tgt Ion: 65 Resp: 60078
 Ion Ratio Lower Upper
 65 100
 92 67.5 58.0 87.0
 138 94.9 104.8 157.2#



#48
 Acenaphthylene
 Concen: 25.27 ng
 RT: 10.16 min Scan# 706
 Delta R.T. -0.03 min
 Lab File: BF080330.D
 Acq: 3 Jul 2015 8:02

Tgt Ion: 152 Resp: 306523
 Ion Ratio Lower Upper
 152 100
 151 19.8 16.7 25.1
 153 13.5 10.7 16.1

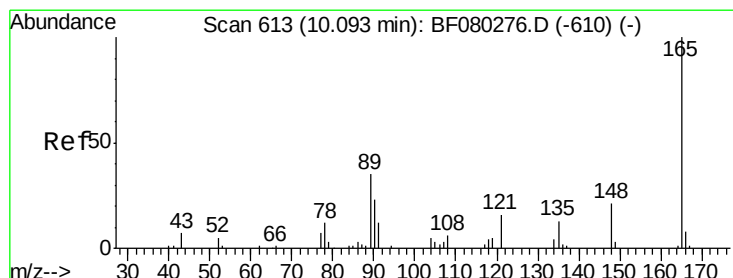
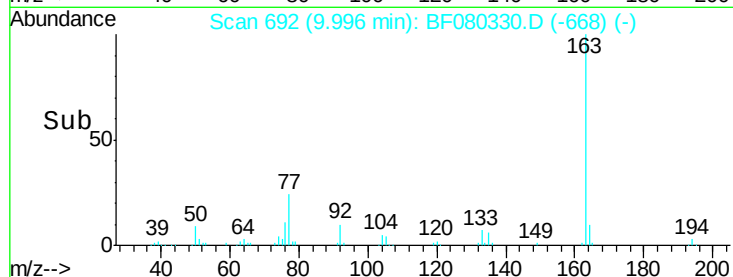
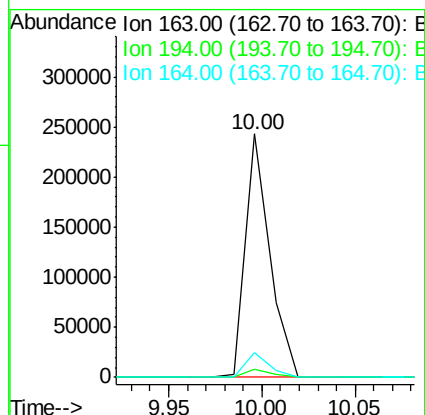
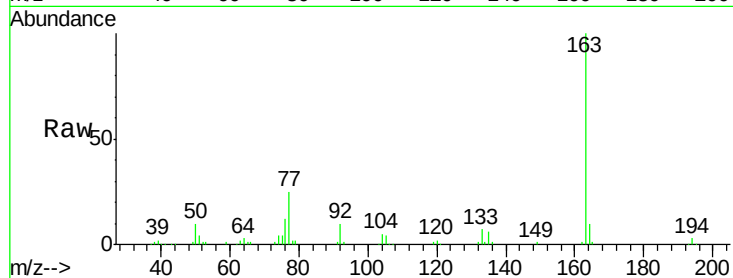




#49
Dimethylphthalate
Concen: 27.17 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.03 min
Lab File: BF080330.D
Acq: 3 Jul 2015 8:02

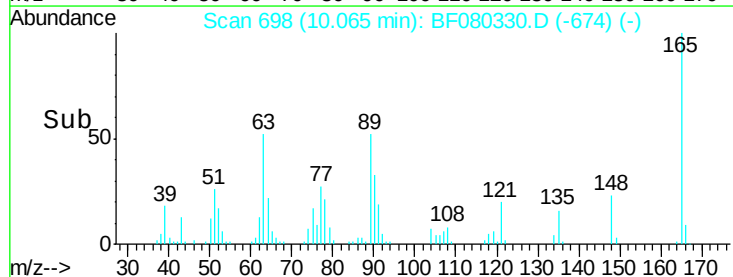
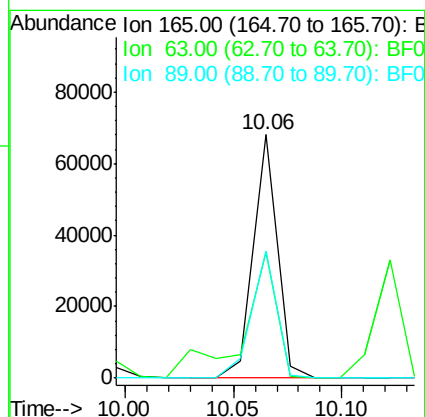
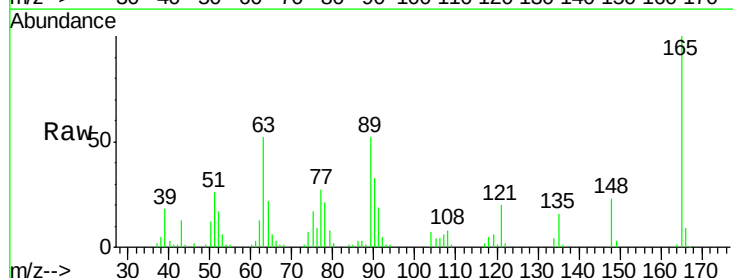
Instrument :
BNA_F
ClientSampleId :
IDOC-02-W-UM

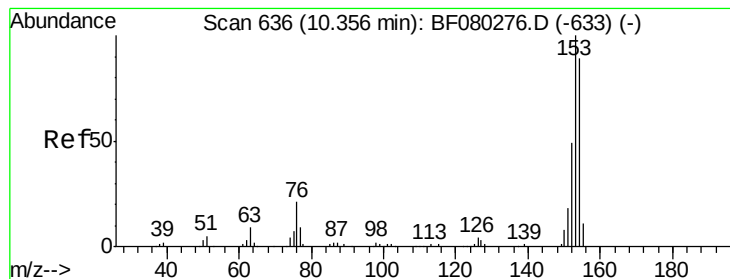
Tgt Ion:163 Resp: 220199
Ion Ratio Lower Upper
163 100
194 3.1 3.0 4.4
164 10.4 7.9 11.9



#50
2,6-Dinitrotoluene
Concen: 31.52 ng
RT: 10.06 min Scan# 698
Delta R.T. -0.03 min
Lab File: BF080330.D
Acq: 3 Jul 2015 8:02

Tgt Ion:165 Resp: 52229
Ion Ratio Lower Upper
165 100
63 51.6 23.4 35.0#
89 52.1 27.7 41.5#





#51

Acenaphthene

Concen: 28.95 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.02 min

Lab File: BF080330.D

Acq: 3 Jul 2015 8:02

Instrument :

BNA_F

ClientSampleId :

IDOC-02-W-UM

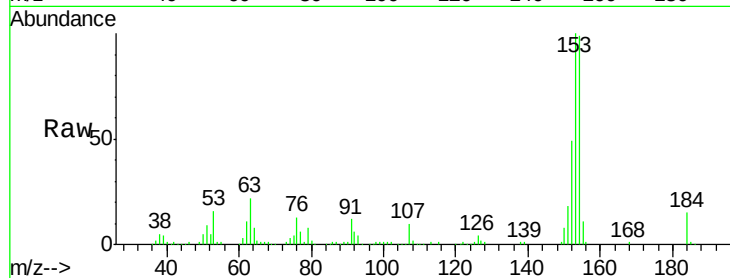
Tgt Ion:154 Resp: 202161

Ion Ratio Lower Upper

154 100

153 100.5 90.4 135.6

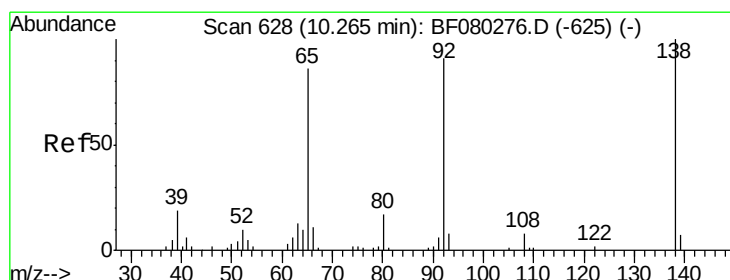
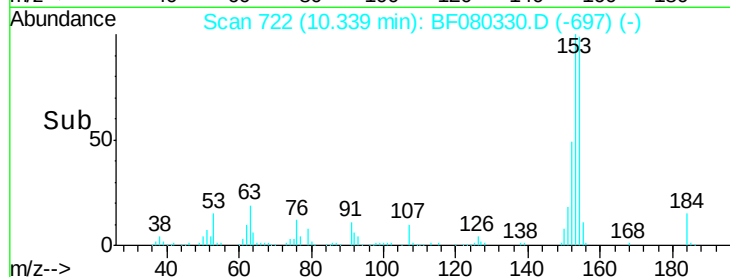
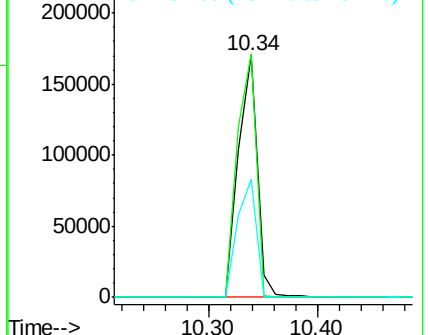
152 49.0 43.9 65.9



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: 18.63 ng

RT: 10.24 min Scan# 713

Delta R.T. -0.03 min

Lab File: BF080330.D

Acq: 3 Jul 2015 8:02

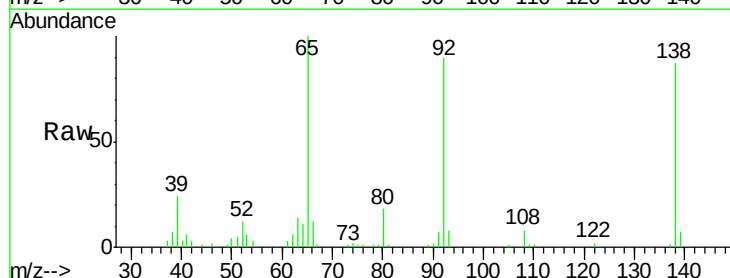
Tgt Ion:138 Resp: 35414

Ion Ratio Lower Upper

138 100

108 8.8 6.7 10.1

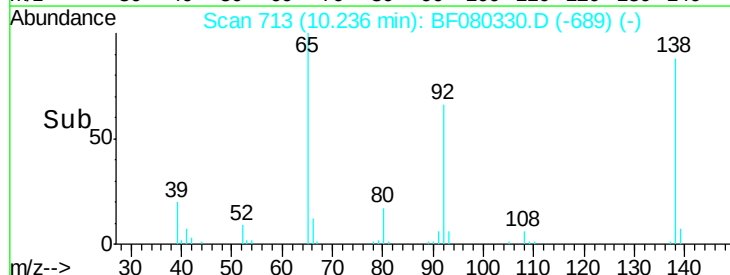
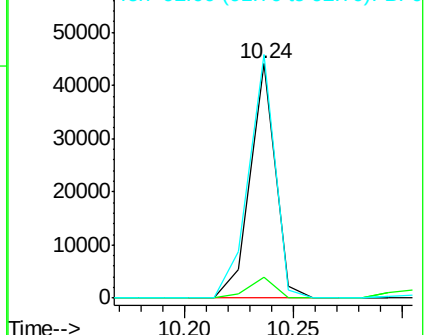
92 103.8 72.6 109.0

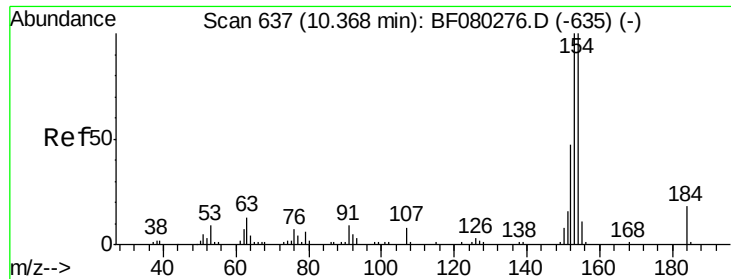


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

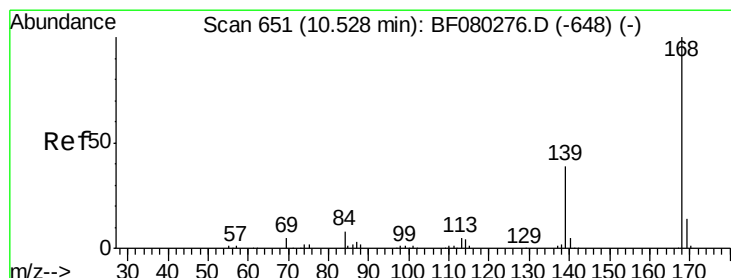
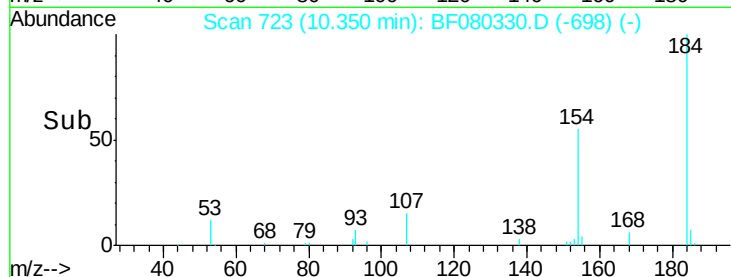
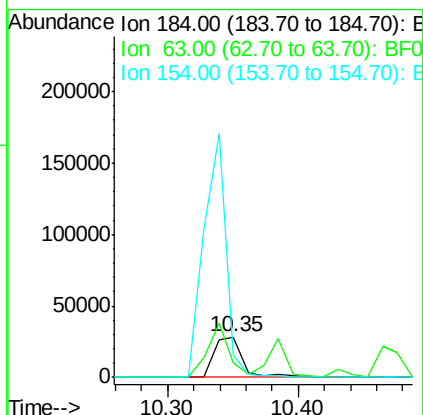
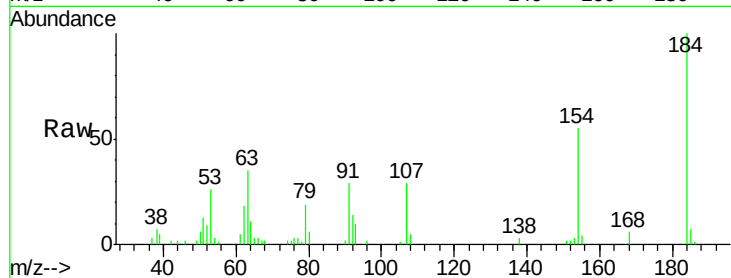




#53
2,4-Dinitrophenol
Concen: 69.78 ng
RT: 10.35 min Scan# 723
Delta R.T. -0.02 min
Lab File: BF080330.D
Acq: 3 Jul 2015 8:02

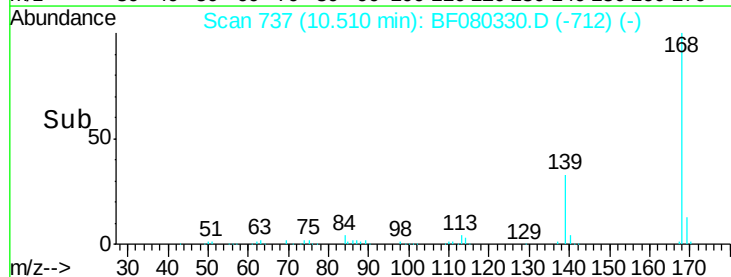
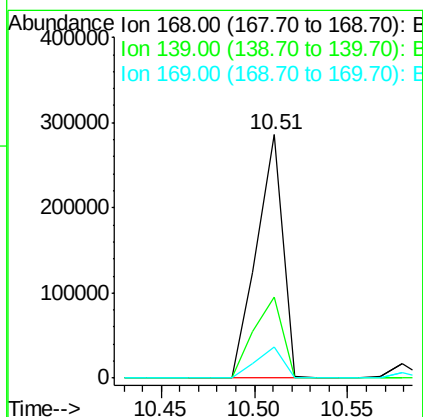
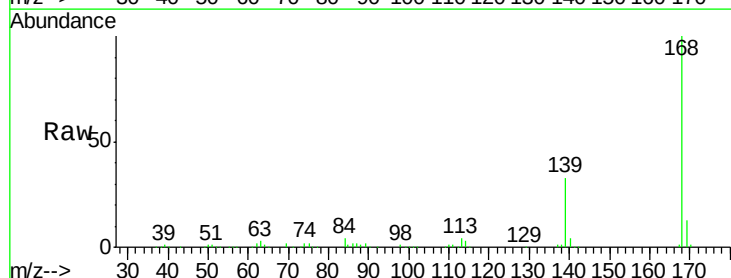
Instrument :
BNA_F
ClientSampleId :
IDOC-02-W-UM

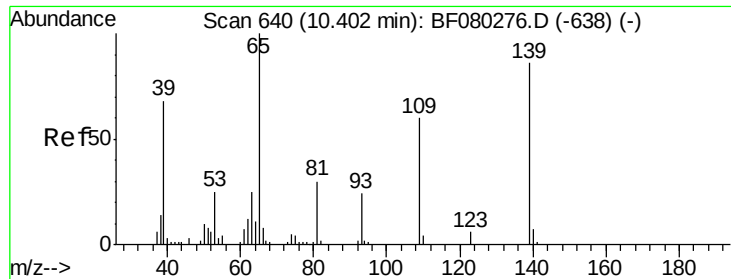
Tgt Ion:184 Resp: 42856
Ion Ratio Lower Upper
184 100
63 35.4 65.0 97.6#
154 55.3 473.1 709.7#



#54
Dibenzofuran
Concen: 28.70 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.02 min
Lab File: BF080330.D
Acq: 3 Jul 2015 8:02

Tgt Ion:168 Resp: 282914
Ion Ratio Lower Upper
168 100
139 33.4 31.5 47.3
169 12.7 11.0 16.4

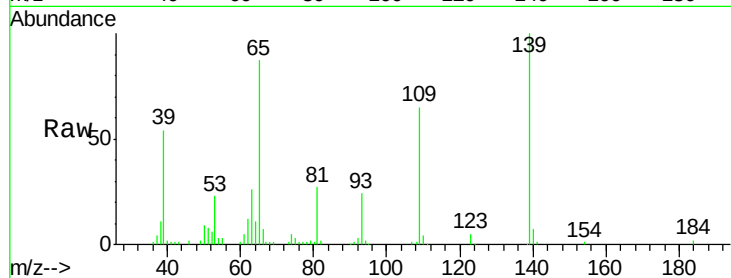




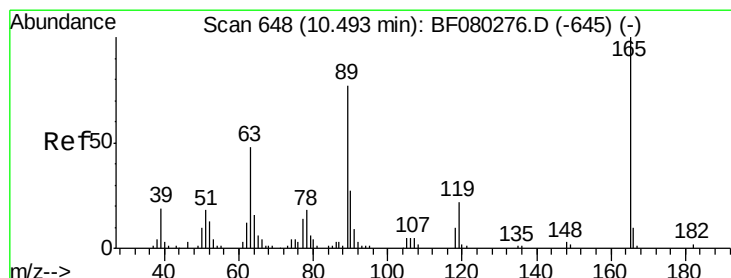
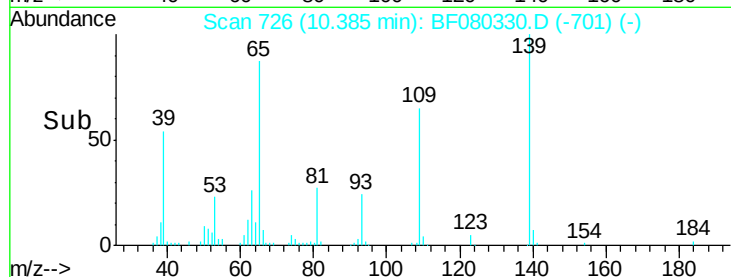
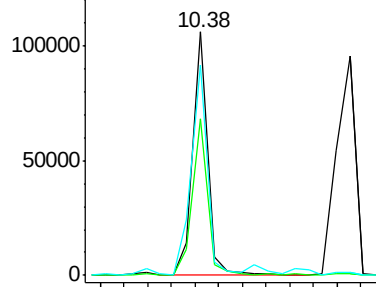
#55
4-Nitrophenol
Concen: 65.43 ng
RT: 10.38 min Scan# 726
Delta R.T. -0.02 min
Lab File: BF080330.D
Acq: 3 Jul 2015 8:02

Instrument :
BNA_F
ClientSampleId :
IDOC-02-W-UM

Tgt Ion:139 Resp: 91937
Ion Ratio Lower Upper
139 100
109 64.5 50.2 90.2
65 86.6 96.7 136.7#

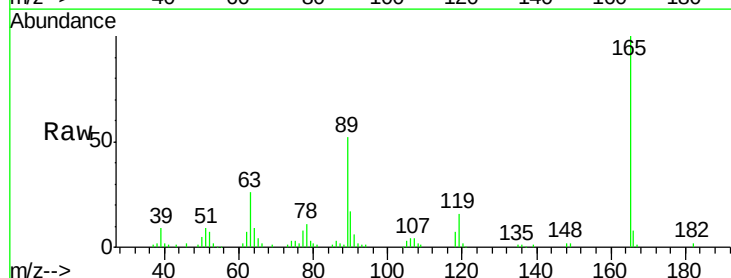


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

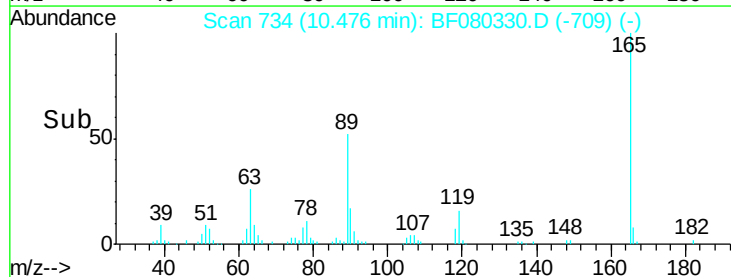
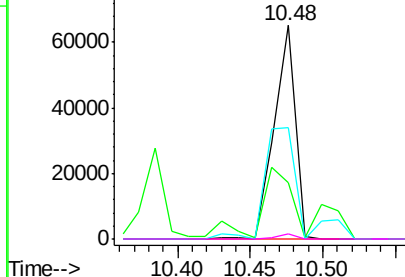


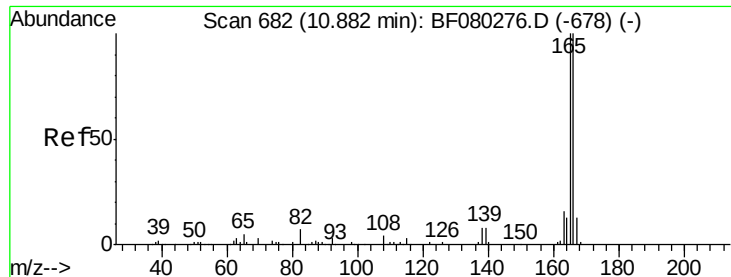
#56
2,4-Dinitrotoluene
Concen: 30.67 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.02 min
Lab File: BF080330.D
Acq: 3 Jul 2015 8:02

Tgt Ion:165 Resp: 65909
Ion Ratio Lower Upper
165 100
63 26.2 38.7 58.1#
89 52.1 62.0 93.0#
182 2.5 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

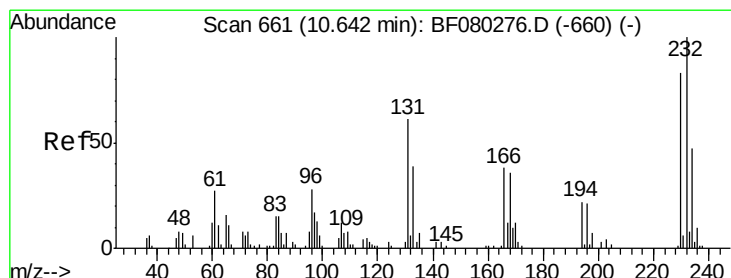
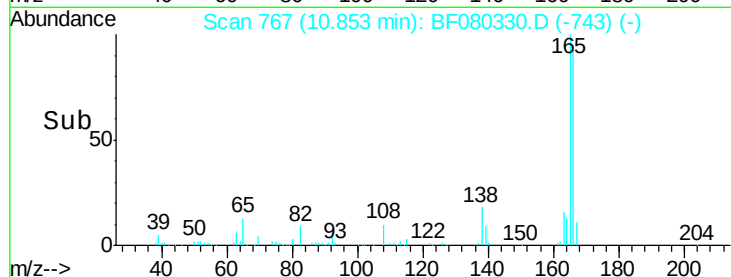
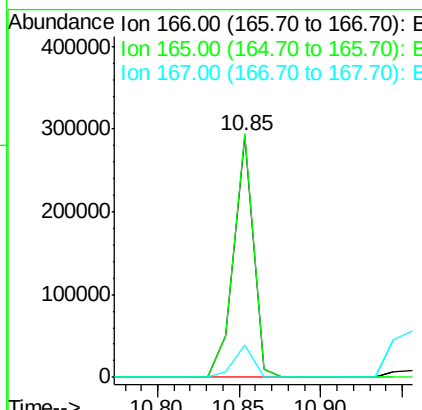
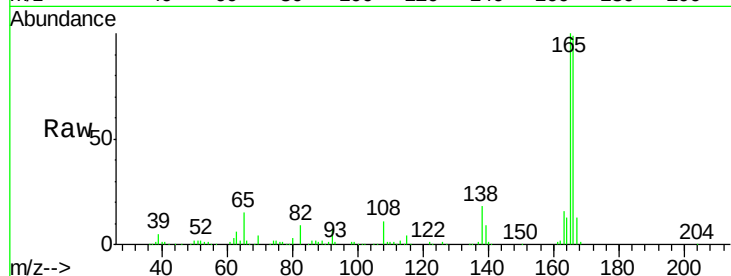




#57
 Fluorene
 Concen: 29.51 ng
 RT: 10.85 min Scan# 767
 Delta R.T. -0.03 min
 Lab File: BF080330.D
 Acq: 3 Jul 2015 8:02

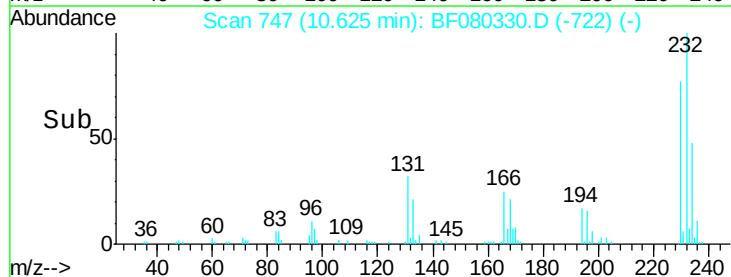
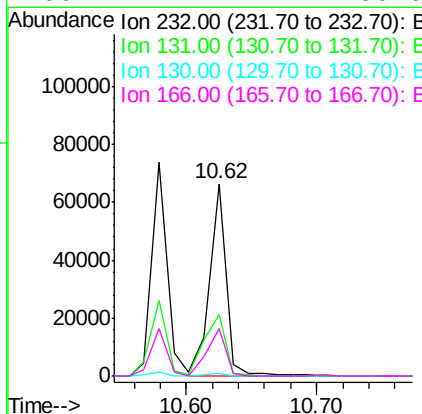
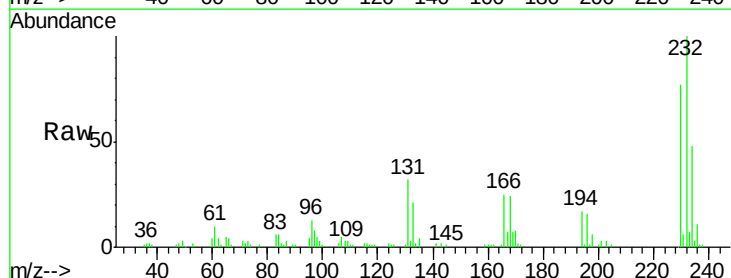
Instrument :
 BNA_F
 ClientSampleId :
 IDOC-02-W-UM

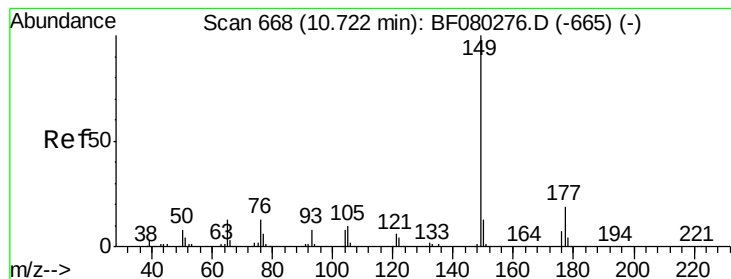
Tgt Ion:166 Resp: 241243
 Ion Ratio Lower Upper
 166 100
 165 100.8 79.9 119.9
 167 13.4 10.3 15.5



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 31.65 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.02 min
 Lab File: BF080330.D
 Acq: 3 Jul 2015 8:02

Tgt Ion:232 Resp: 59398
 Ion Ratio Lower Upper
 232 100
 131 40.3 37.0 55.6
 130 1.8 1.5 2.3
 166 27.4 24.4 36.6





#59

Diethylphthalate

Concen: 31.92 ng

RT: 10.70 min Scan# 754

Delta R.T. -0.02 min

Lab File: BF080330.D

Acq: 3 Jul 2015 8:02

Instrument :

BNA_F

ClientSampleId :

IDOC-02-W-UM

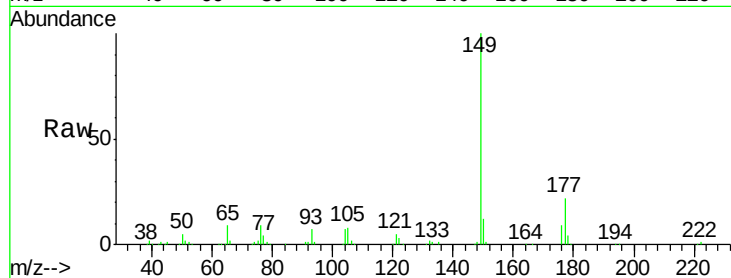
Tgt Ion:149 Resp: 245897

Ion Ratio Lower Upper

149 100

177 21.9 15.4 23.0

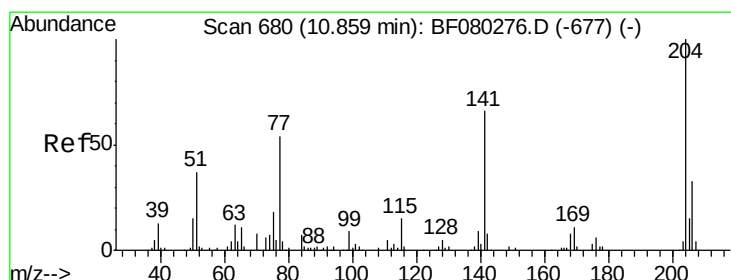
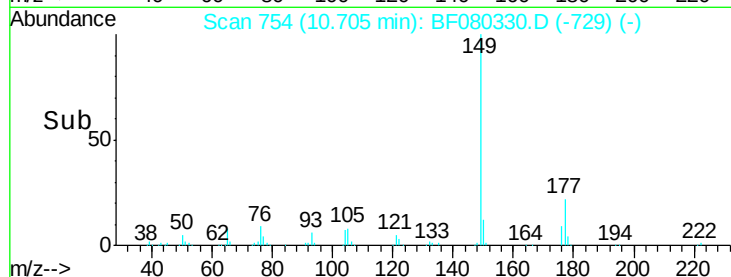
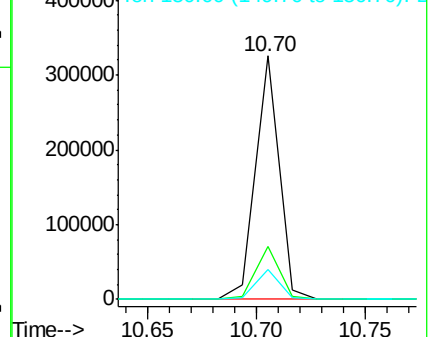
150 12.1 10.5 15.7



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: 28.86 ng

RT: 10.84 min Scan# 766

Delta R.T. -0.02 min

Lab File: BF080330.D

Acq: 3 Jul 2015 8:02

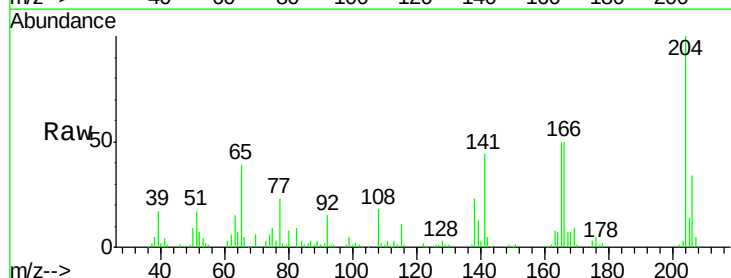
Tgt Ion:204 Resp: 106683

Ion Ratio Lower Upper

204 100

206 34.3 26.5 39.7

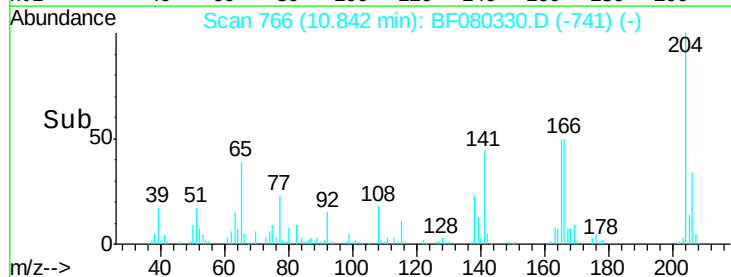
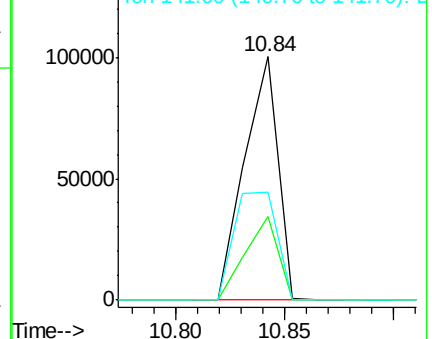
141 44.4 52.5 78.7#

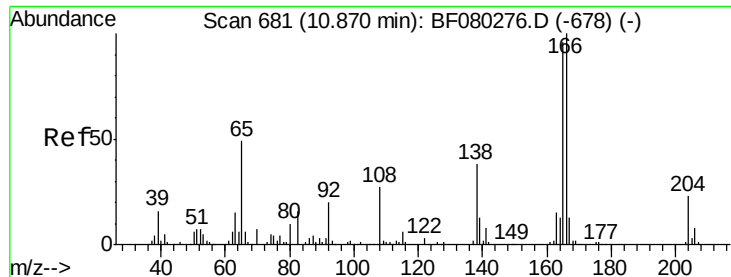


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

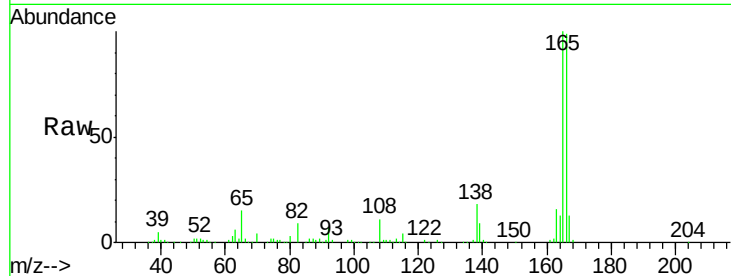




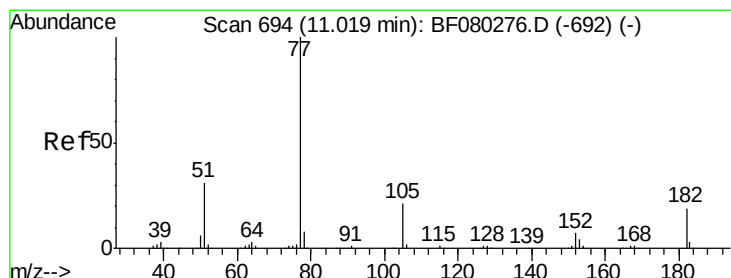
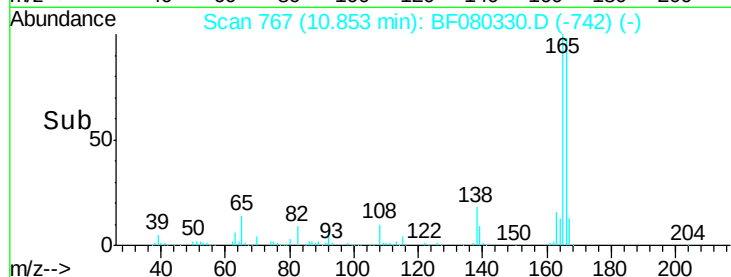
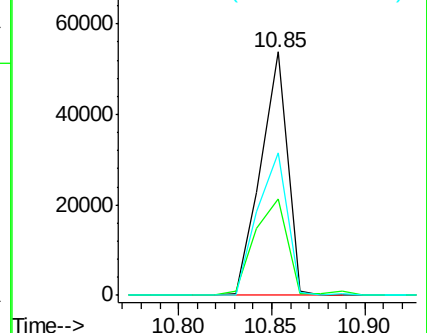
#61
4-Nitroaniline
Concen: 27.66 ng
RT: 10.85 min Scan# 767
Delta R.T. -0.02 min
Lab File: BF080330.D
Acq: 3 Jul 2015 8:02

Instrument :
BNA_F
ClientSampleId :
IDOC-02-W-UM

Tgt Ion:138 Resp: 53439
Ion Ratio Lower Upper
138 100
92 39.4 32.7 72.7
108 58.3 49.6 89.6

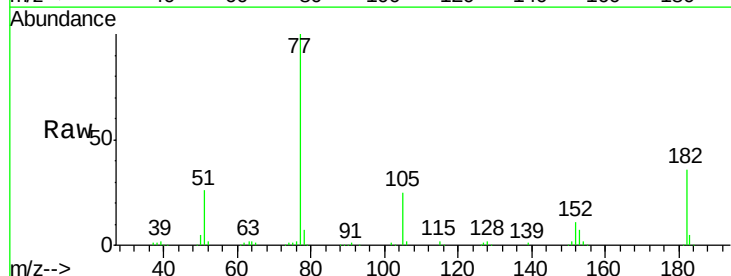


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

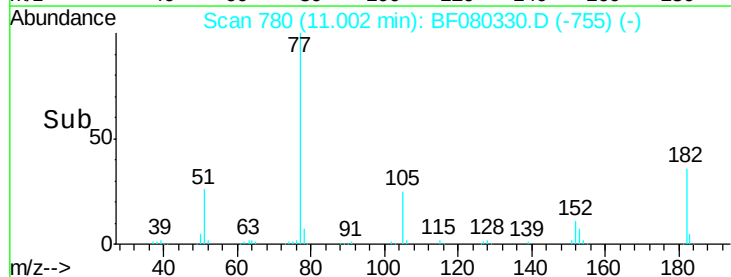
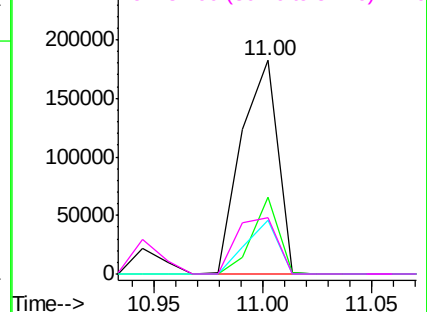


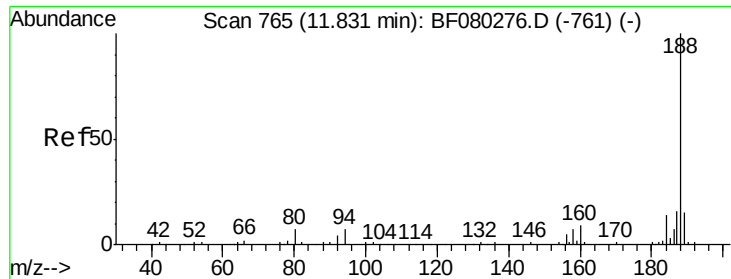
#62
Azobenzene
Concen: 26.69 ng
RT: 11.00 min Scan# 780
Delta R.T. -0.02 min
Lab File: BF080330.D
Acq: 3 Jul 2015 8:02

Tgt Ion: 77 Resp: 211537
Ion Ratio Lower Upper
77 100
182 36.2 0.0 38.9
105 25.2 1.3 41.3
51 26.4 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

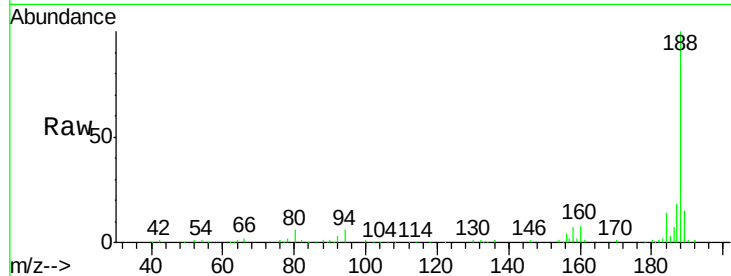




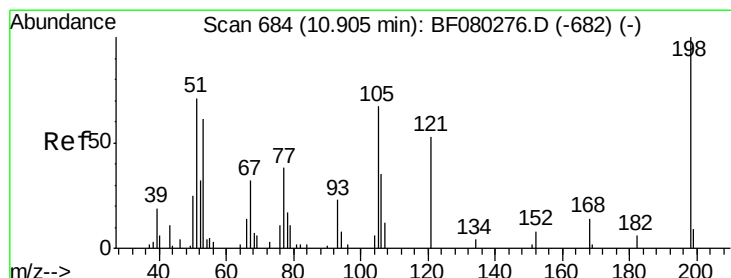
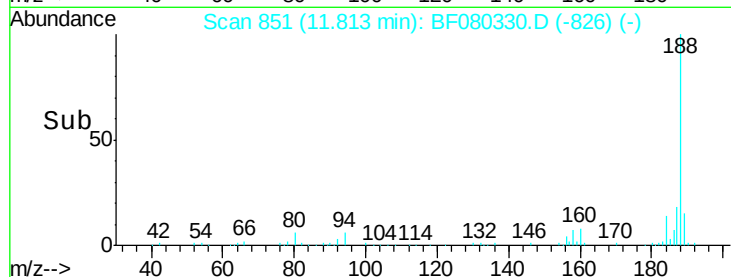
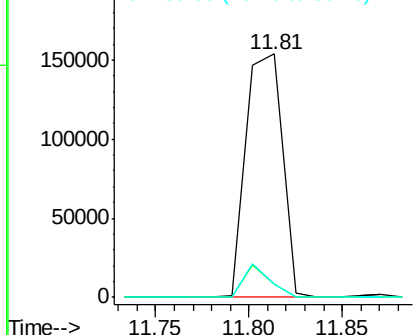
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.81 min Scan# 851
Delta R.T. -0.02 min
Lab File: BF080330.D
Acq: 3 Jul 2015 8:02

Instrument :
BNA_F
ClientSampleId :
IDOC-02-W-UM

Tgt Ion:188 Resp: 208946
Ion Ratio Lower Upper
188 100
94 5.5 5.4 8.0
80 5.7 5.8 8.6#

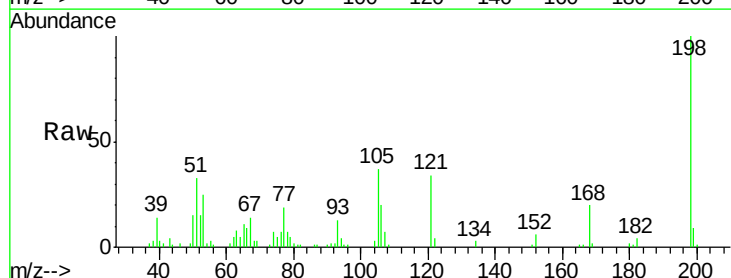


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

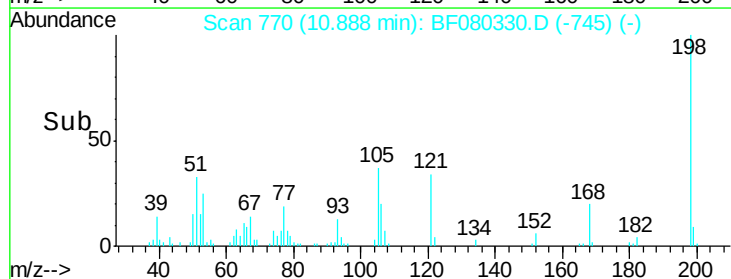
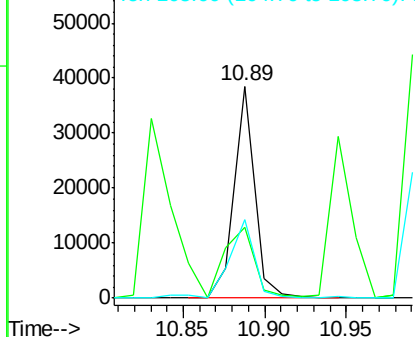


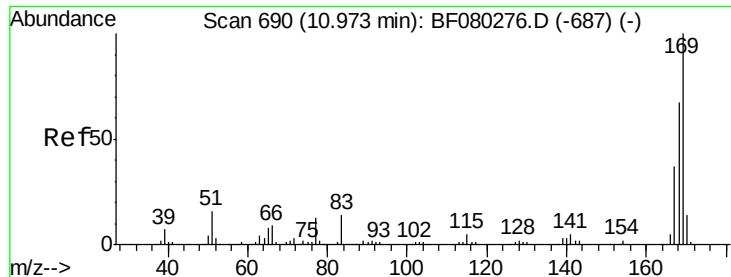
#64
4,6-Dinitro-2-methylphenol
Concen: 41.29 ng
RT: 10.89 min Scan# 770
Delta R.T. -0.02 min
Lab File: BF080330.D
Acq: 3 Jul 2015 8:02

Tgt Ion:198 Resp: 33364
Ion Ratio Lower Upper
198 100
51 33.2 63.7 103.7#
105 36.8 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: 27.80 ng

RT: 10.96 min Scan# 776

Delta R.T. -0.02 min

Lab File: BF080330.D

Acq: 3 Jul 2015 8:02

Instrument :

BNA_F

ClientSampleId :

IDOC-02-W-UM

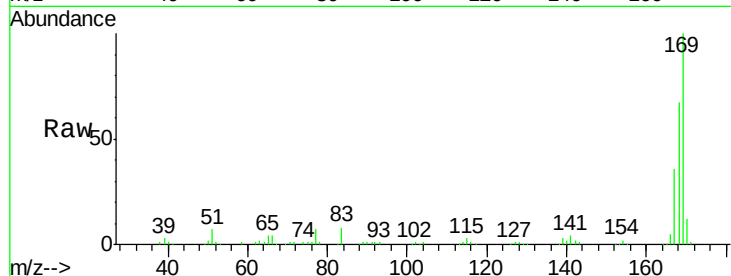
Tgt Ion:169 Resp: 190859

Ion Ratio Lower Upper

169 100

168 67.1 53.6 80.4

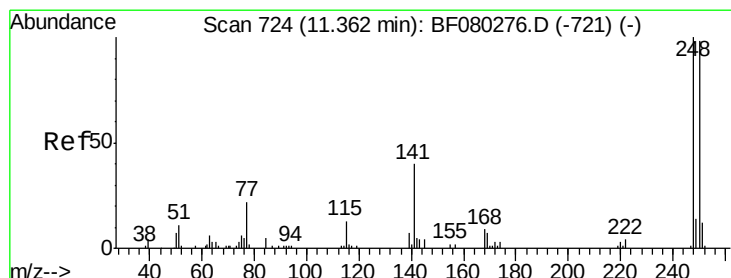
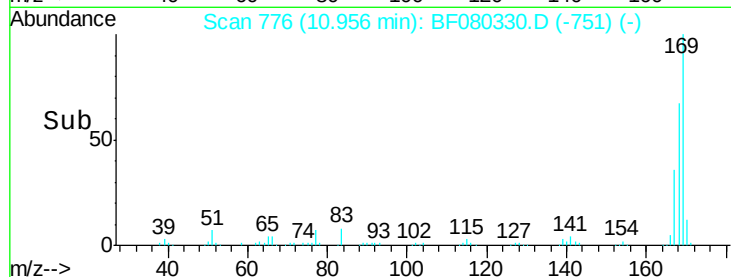
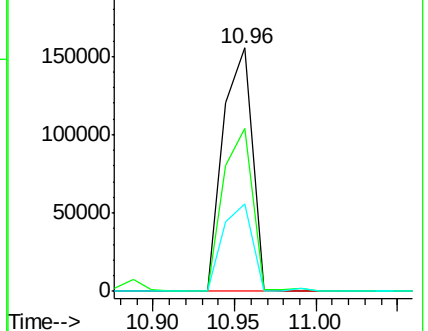
167 36.0 29.9 44.9



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: 31.55 ng

RT: 11.33 min Scan# 809

Delta R.T. -0.03 min

Lab File: BF080330.D

Acq: 3 Jul 2015 8:02

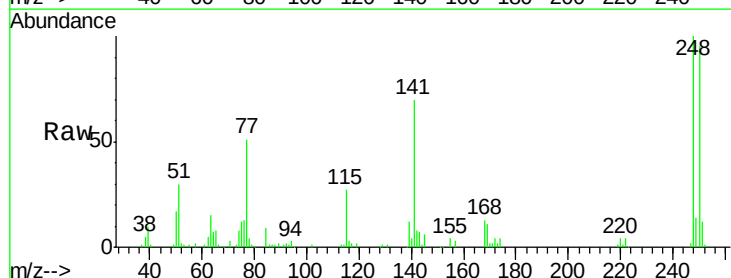
Tgt Ion:248 Resp: 71245

Ion Ratio Lower Upper

248 100

250 95.4 78.2 117.4

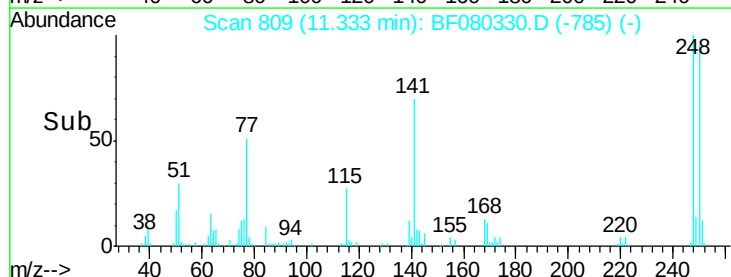
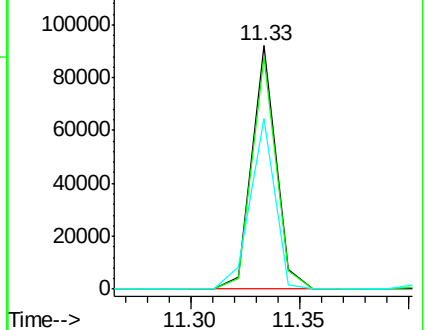
141 70.1 31.9 47.9#

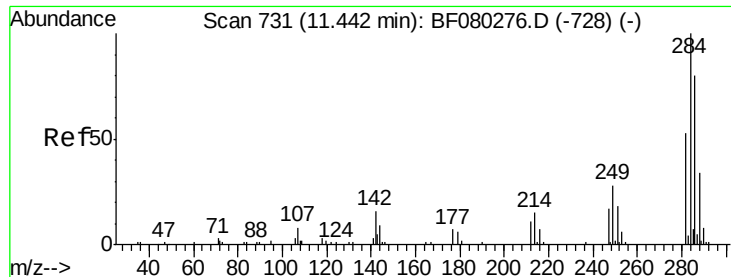


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

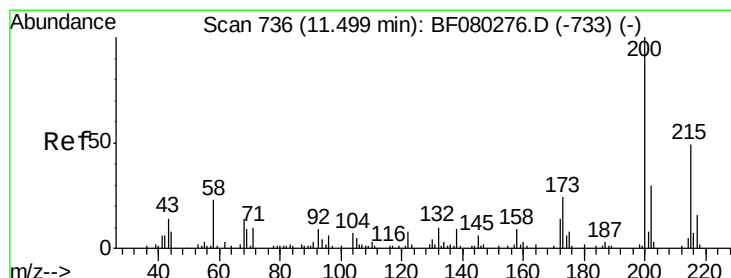
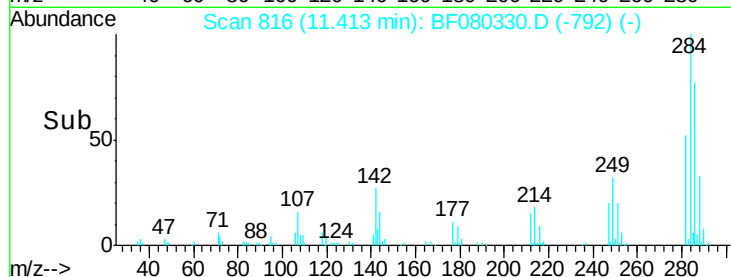
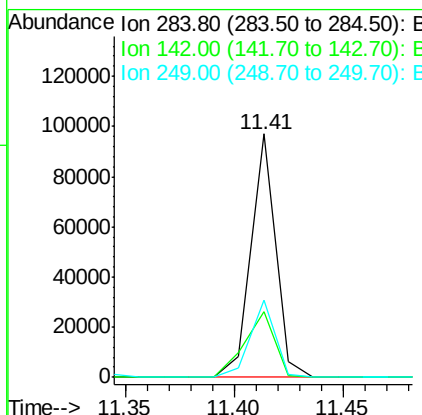
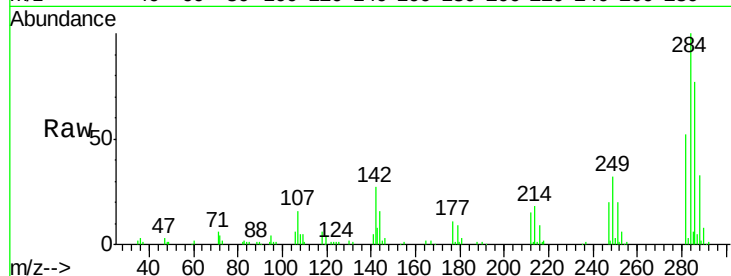




#67
Hexachlorobenzene
Concen: 31.67 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.03 min
Lab File: BF080330.D
Acq: 3 Jul 2015 8:02

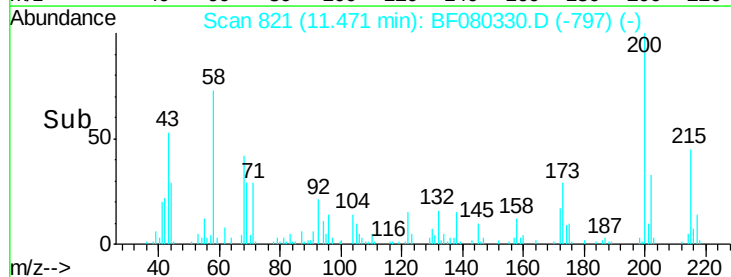
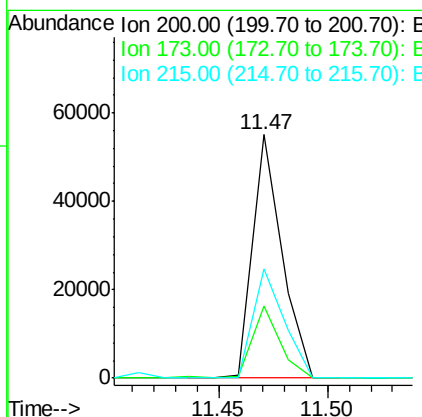
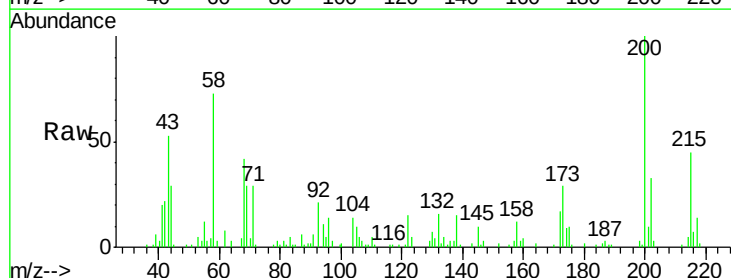
Instrument :
BNA_F
ClientSampleId :
IDOC-02-W-UM

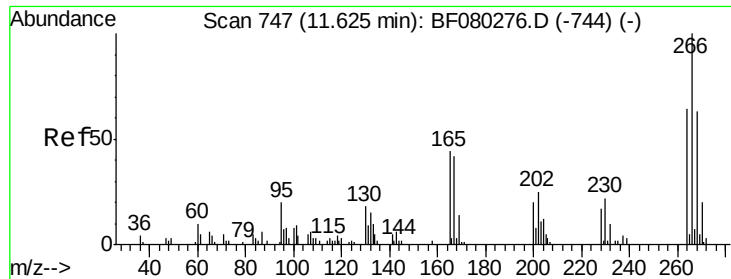
Tgt Ion:284 Resp: 76661
Ion Ratio Lower Upper
284 100
142 27.1 12.5 18.7#
249 31.8 22.4 33.6



#68
Atrazine
Concen: 24.79 ng
RT: 11.47 min Scan# 821
Delta R.T. -0.03 min
Lab File: BF080330.D
Acq: 3 Jul 2015 8:02

Tgt Ion:200 Resp: 51452
Ion Ratio Lower Upper
200 100
173 29.4 3.5 43.5
215 44.8 28.6 68.6

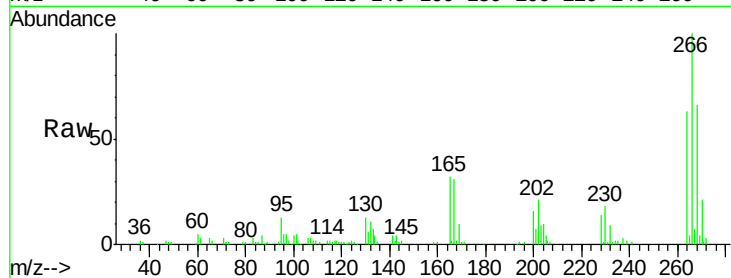




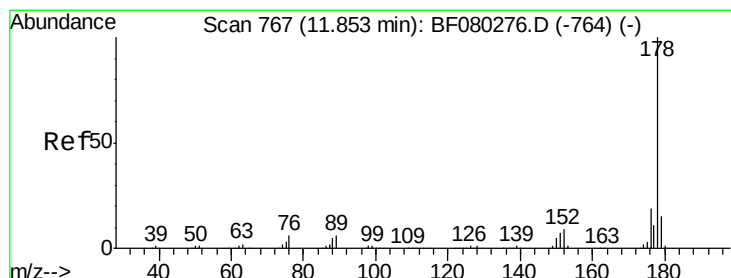
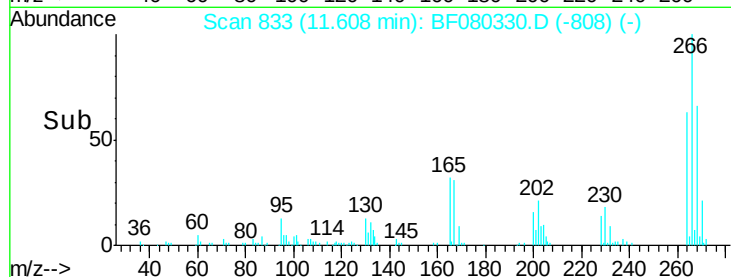
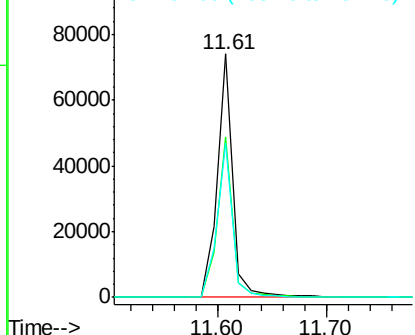
#69
 Pentachlorophenol
 Concen: 58.50 ng
 RT: 11.61 min Scan# 833
 Delta R.T. -0.02 min
 Lab File: BF080330.D
 Acq: 3 Jul 2015 8:02

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-02-W-UM

Tgt Ion: 266 Resp: 74283
 Ion Ratio Lower Upper
 266 100
 268 65.8 50.7 76.1
 264 63.1 51.3 76.9

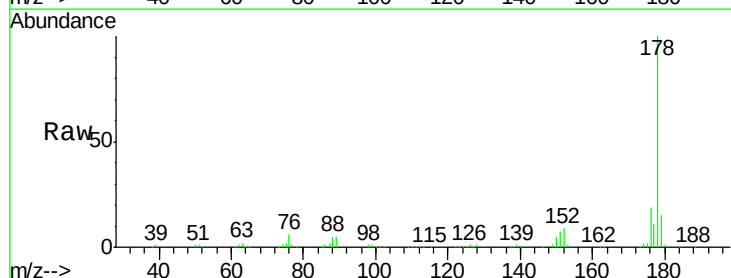


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

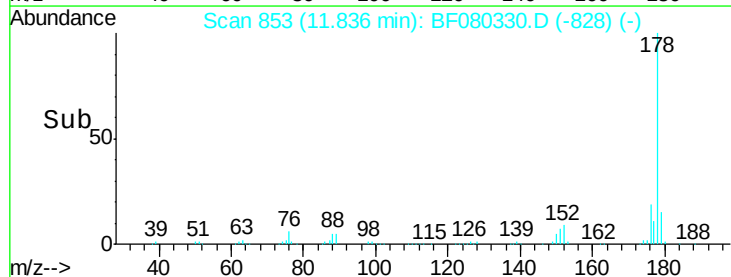
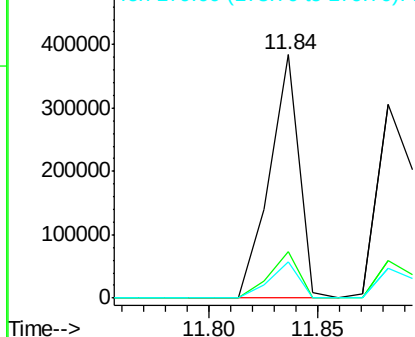


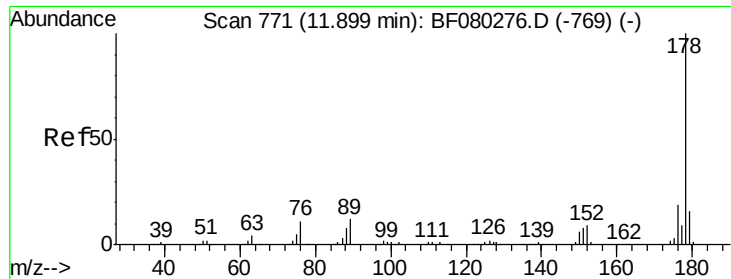
#70
 Phenanthrene
 Concen: 29.28 ng
 RT: 11.84 min Scan# 853
 Delta R.T. -0.02 min
 Lab File: BF080330.D
 Acq: 3 Jul 2015 8:02

Tgt Ion: 178 Resp: 366562
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.6 23.4
 179 15.0 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

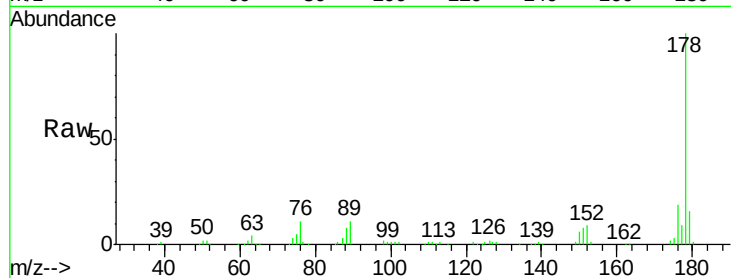




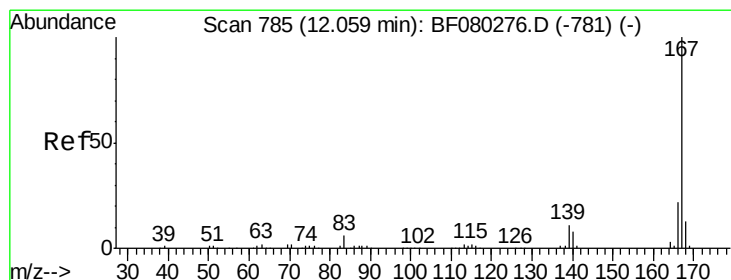
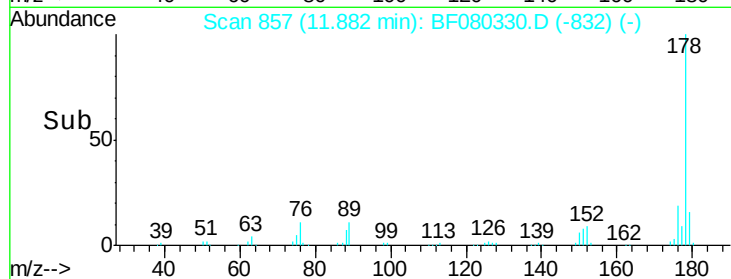
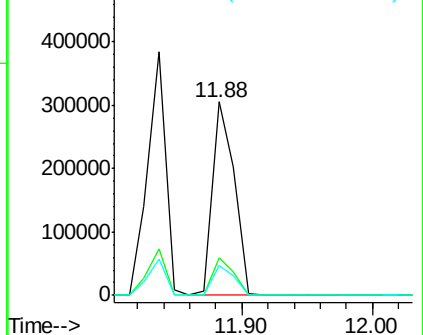
#71
 Anthracene
 Concen: 29.71 ng
 RT: 11.88 min Scan# 857
 Delta R.T. -0.02 min
 Lab File: BF080330.D
 Acq: 3 Jul 2015 8:02

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-02-W-UM

Tgt Ion:178 Resp: 356860
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.2 22.8
 179 15.7 12.6 18.8

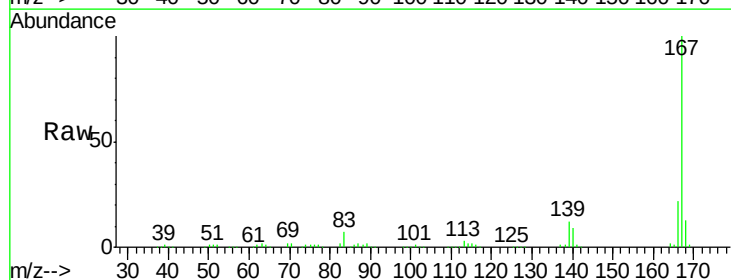


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

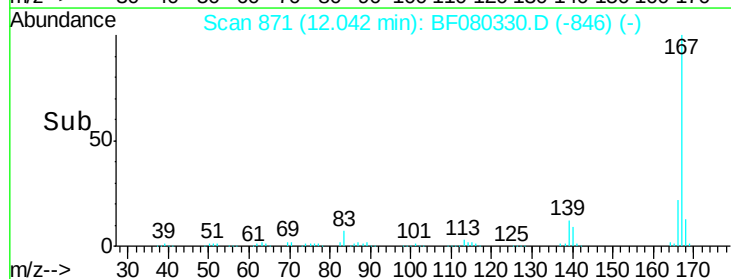
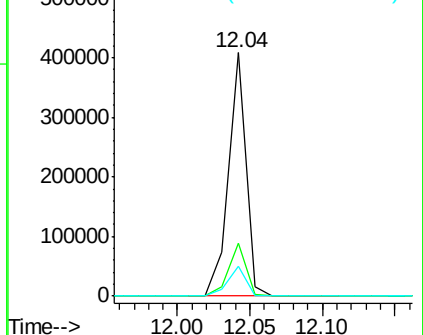


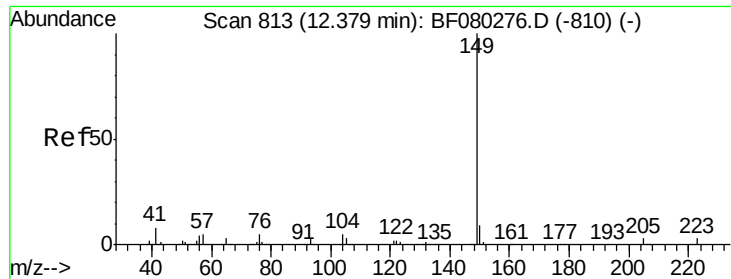
#72
 Carbazole
 Concen: 30.59 ng
 RT: 12.04 min Scan# 871
 Delta R.T. -0.02 min
 Lab File: BF080330.D
 Acq: 3 Jul 2015 8:02

Tgt Ion:167 Resp: 343599
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.3 25.9
 139 12.3 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

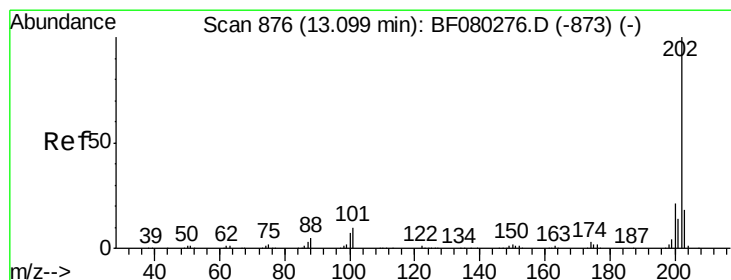
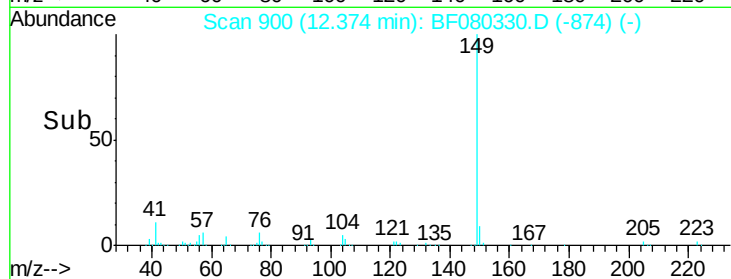
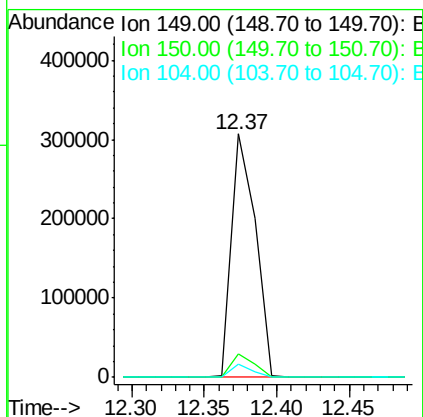
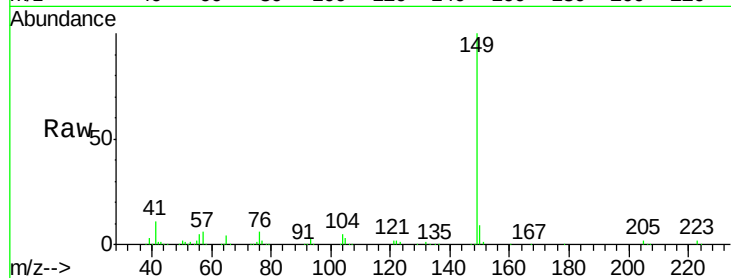




#73
Di-n-butylphthalate
Concen: 29.21 ng
RT: 12.37 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF080330.D
Acq: 3 Jul 2015 8:02

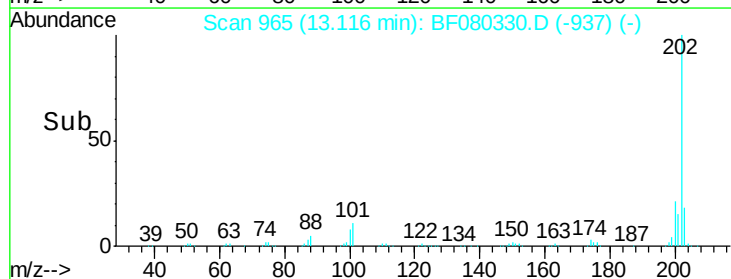
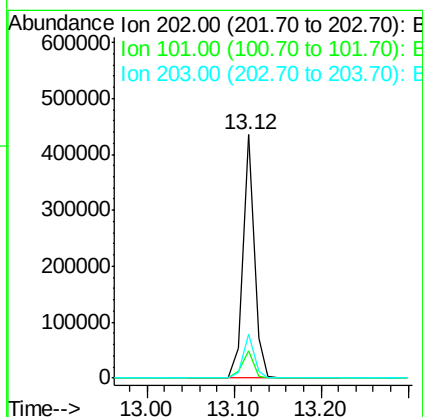
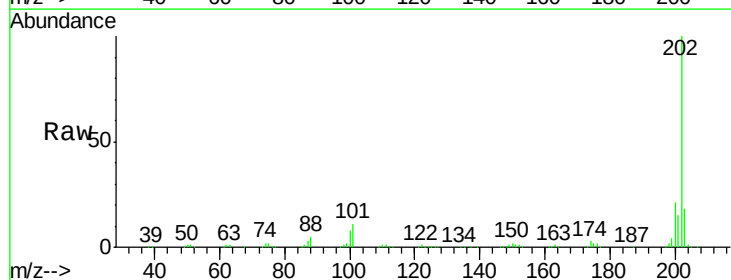
Instrument :
BNA_F
ClientSampleId :
IDOC-02-W-UM

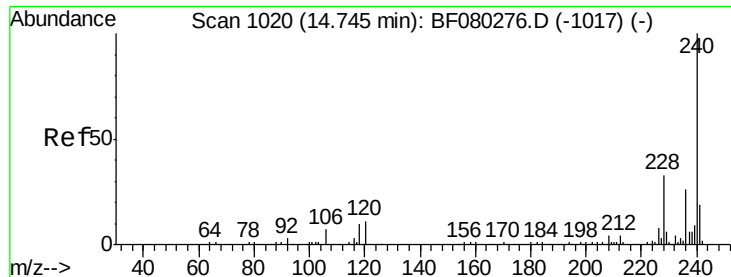
Tgt Ion:149 Resp: 352043
Ion Ratio Lower Upper
149 100
150 9.4 7.4 11.0
104 5.3 3.7 5.5



#74
Fluoranthene
Concen: 30.05 ng
RT: 13.12 min Scan# 965
Delta R.T. 0.02 min
Lab File: BF080330.D
Acq: 3 Jul 2015 8:02

Tgt Ion:202 Resp: 388655
Ion Ratio Lower Upper
202 100
101 11.0 0.0 30.4
203 18.0 0.0 37.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.85 min Scan# 1117

Delta R.T. 0.11 min

Lab File: BF080330.D

Acq: 3 Jul 2015 8:02

Instrument :

BNA_F

ClientSampleId :

IDOC-02-W-UM

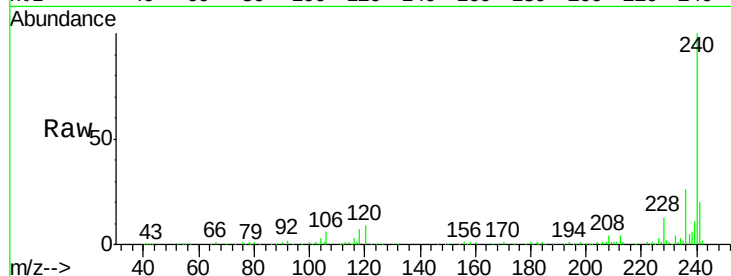
Tgt Ion:240 Resp: 237893

Ion Ratio Lower Upper

240 100

120 8.7 8.7 13.1#

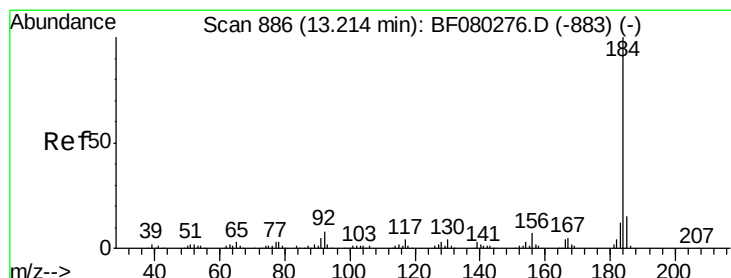
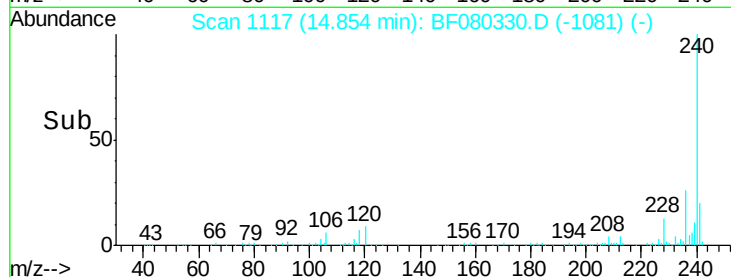
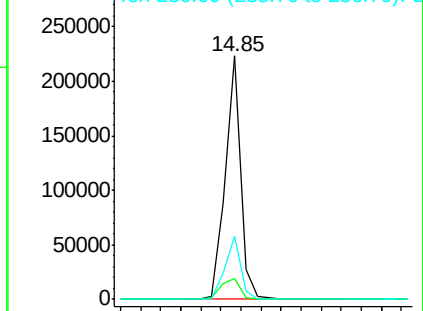
236 26.0 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 26.27 ng

RT: 13.24 min Scan# 976

Delta R.T. 0.03 min

Lab File: BF080330.D

Acq: 3 Jul 2015 8:02

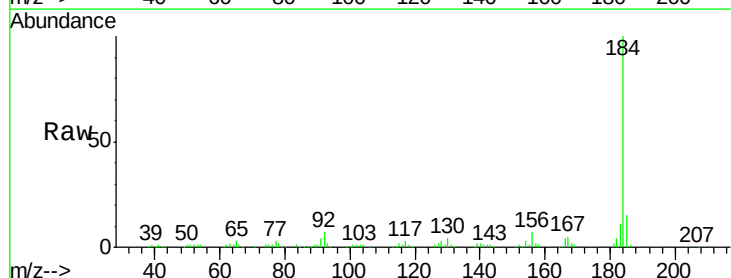
Tgt Ion:184 Resp: 182981

Ion Ratio Lower Upper

184 100

185 14.5 11.8 17.6

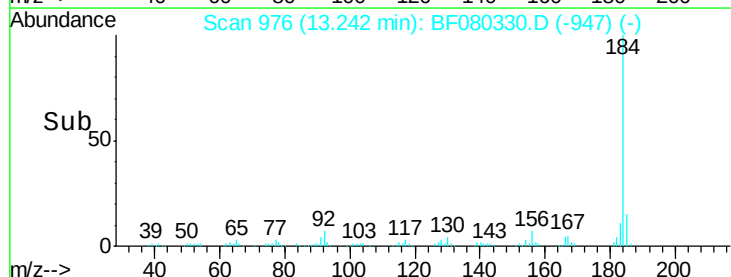
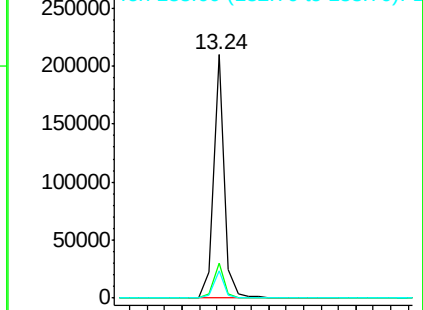
183 11.2 9.4 14.0

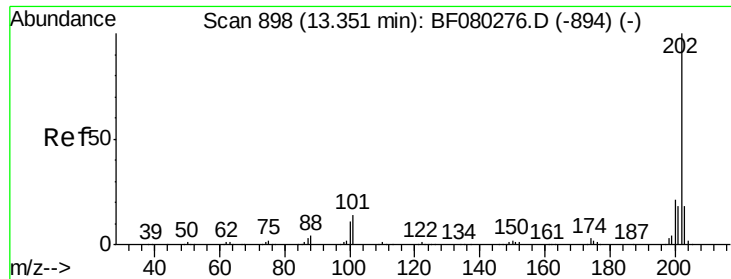


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

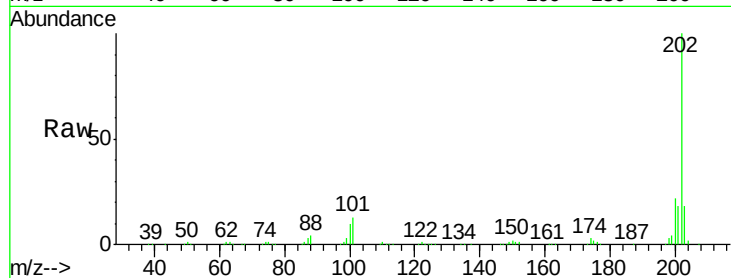




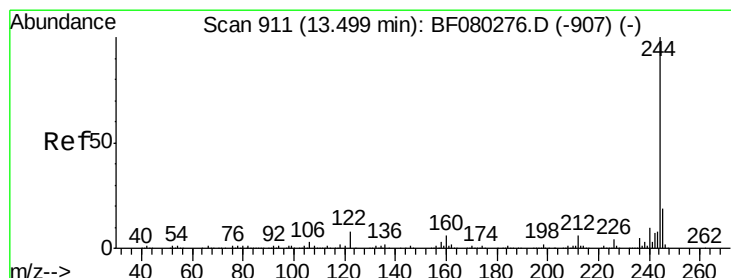
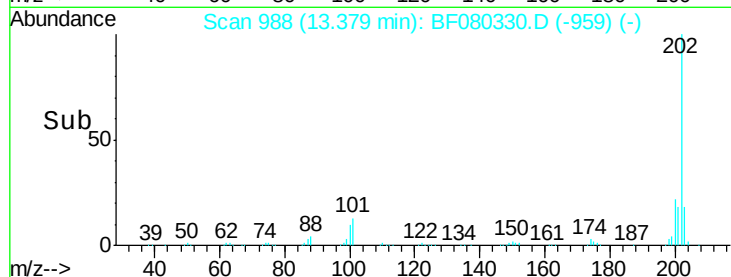
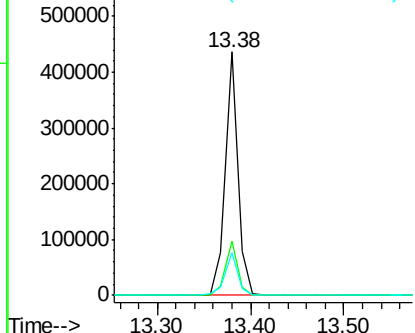
#77
Pyrene
 Concen: 27.08 ng
 RT: 13.38 min Scan# 988
 Delta R.T. 0.03 min
 Lab File: BF080330.D
 Acq: 3 Jul 2015 8:02

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-02-W-UM

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.0	25.6
203	17.6	14.0	21.0

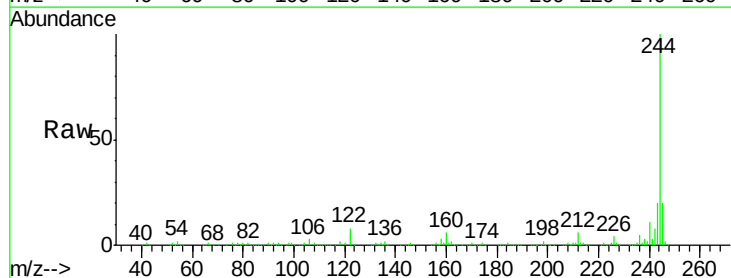


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

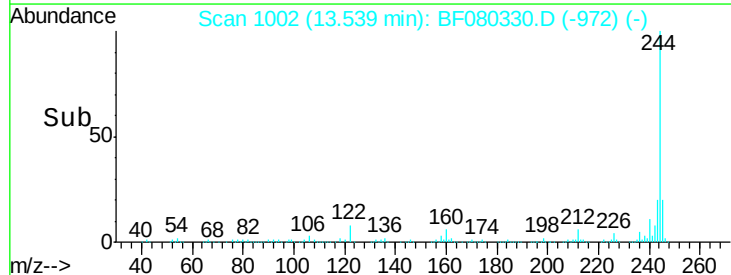
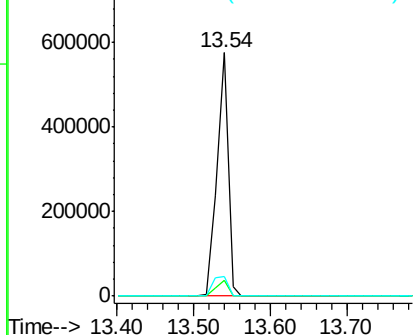


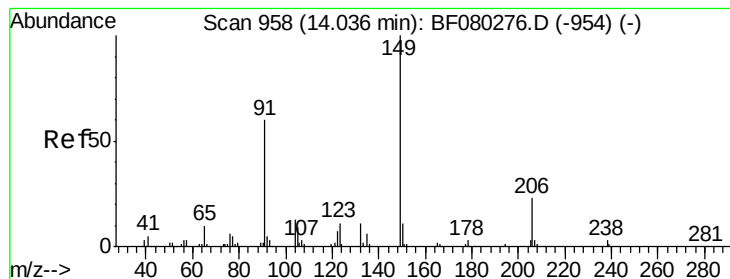
#78
Terphenyl-d14
 Concen: 57.15 ng
 RT: 13.54 min Scan# 1002
 Delta R.T. 0.04 min
 Lab File: BF080330.D
 Acq: 3 Jul 2015 8:02

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.0	7.6
122	8.1	6.6	9.8



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: 27.21 ng

RT: 14.10 min Scan# 1051

Delta R.T. 0.06 min

Lab File: BF080330.D

Acq: 3 Jul 2015 8:02

Instrument :

BNA_F

ClientSampleId :

IDOC-02-W-UM

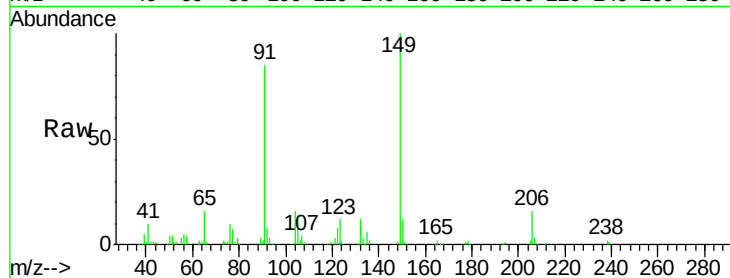
Tgt Ion:149 Resp: 158873

Ion Ratio Lower Upper

149 100

91 84.7 48.1 72.1#

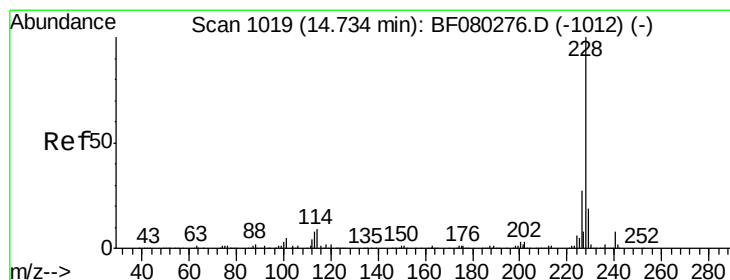
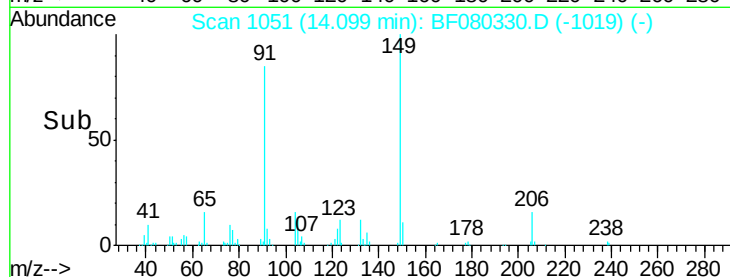
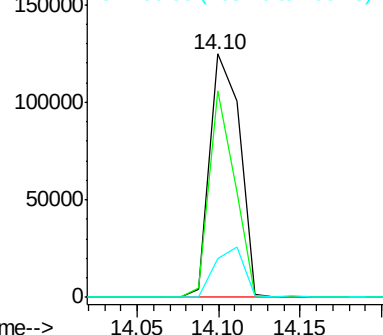
206 15.9 18.1 27.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 27.41 ng

RT: 14.84 min Scan# 1116

Delta R.T. 0.11 min

Lab File: BF080330.D

Acq: 3 Jul 2015 8:02

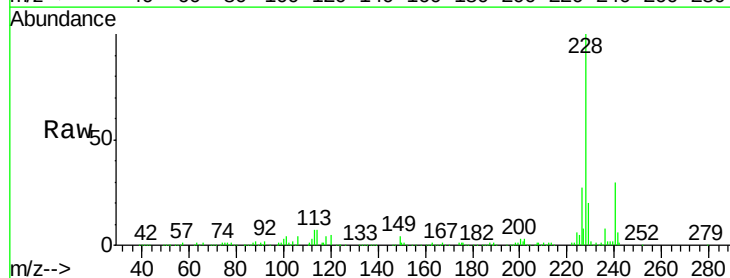
Tgt Ion:228 Resp: 394088

Ion Ratio Lower Upper

228 100

226 27.5 21.7 32.5

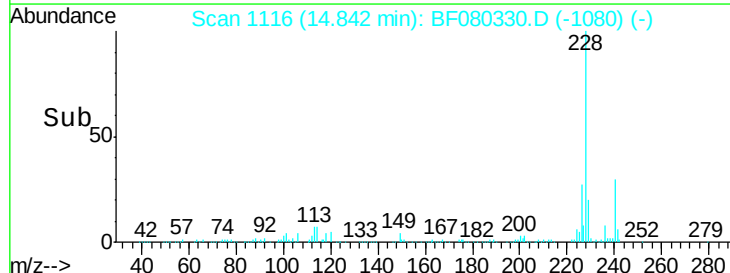
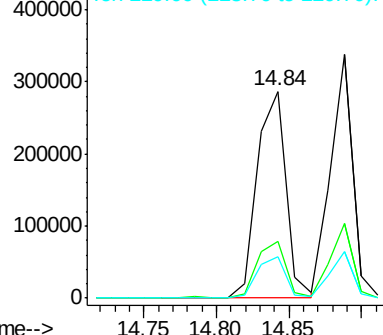
229 19.9 15.5 23.3

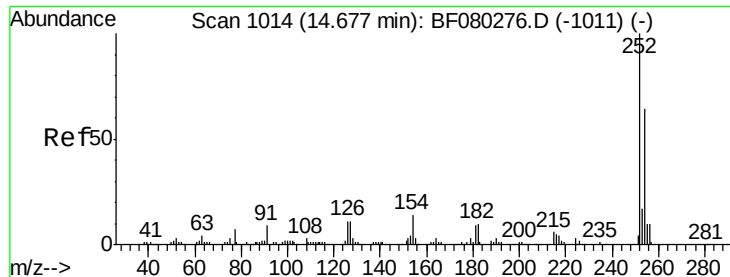


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

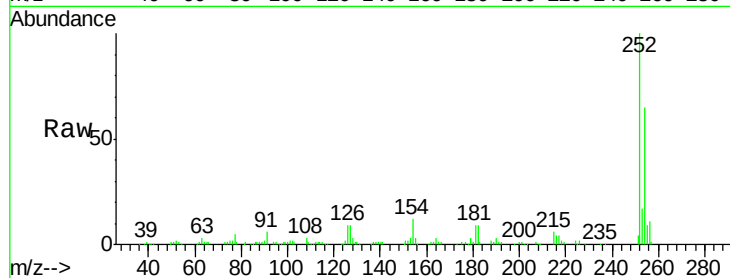




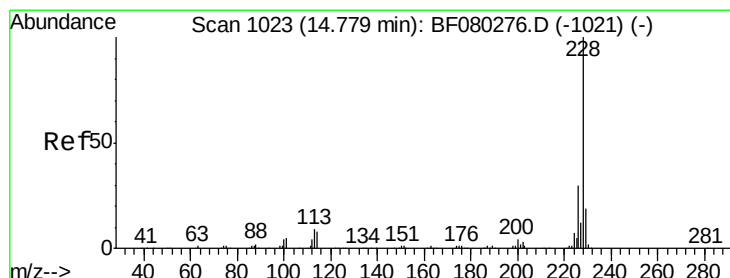
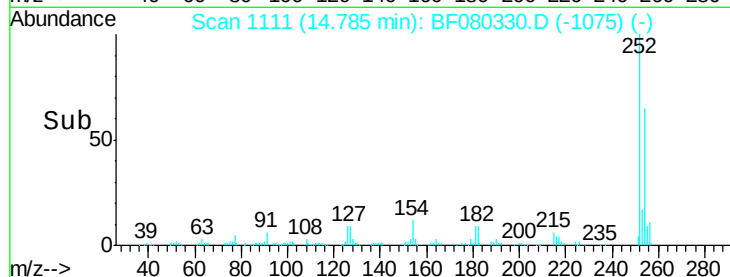
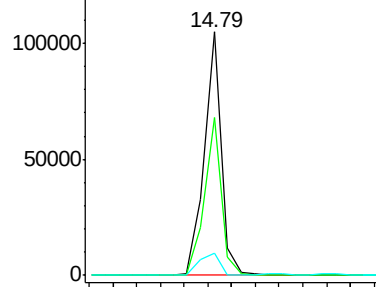
#81
 3,3'-Dichlorobenzidine
 Concen: 22.27 ng
 RT: 14.79 min Scan# 1111
 Delta R.T. 0.11 min
 Lab File: BF080330.D
 Acq: 3 Jul 2015 8:02

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-02-W-UM

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.9	50.8	76.2
126	9.4	9.0	13.6

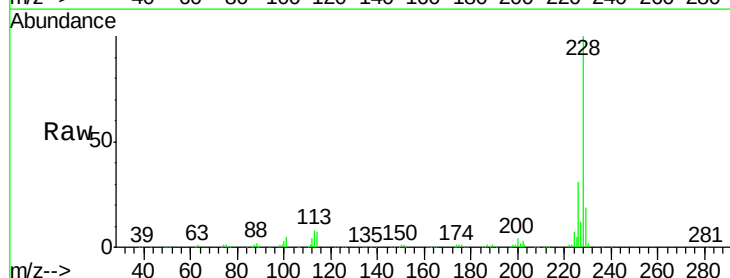


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

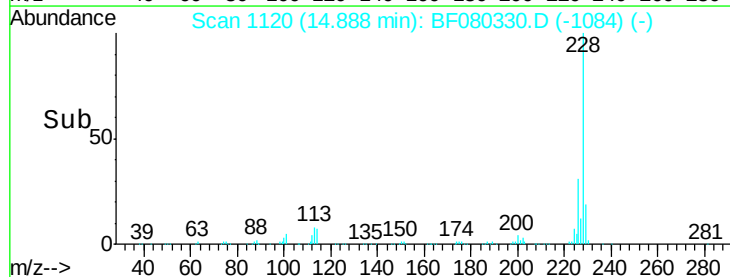
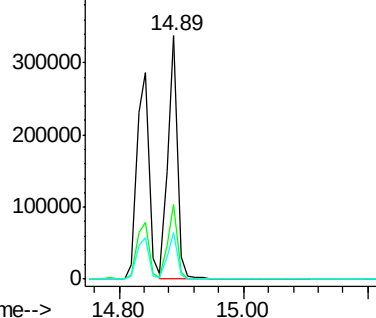


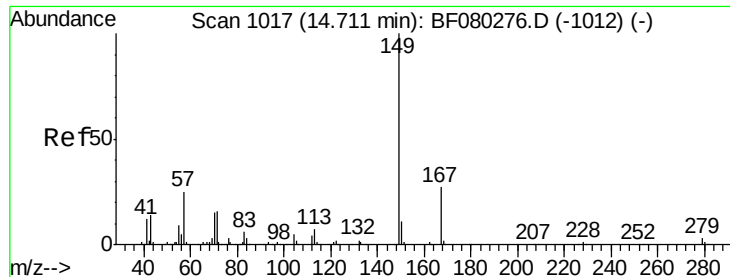
#82
 Chrysene
 Concen: 27.69 ng
 RT: 14.89 min Scan# 1120
 Delta R.T. 0.11 min
 Lab File: BF080330.D
 Acq: 3 Jul 2015 8:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.0	36.0
229	19.1	15.4	23.0



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: 28.28 ng

RT: 14.83 min Scan# 1115

Delta R.T. 0.12 min

Lab File: BF080330.D

Acq: 3 Jul 2015 8:02

Instrument :

BNA_F

ClientSampleId :

IDOC-02-W-UM

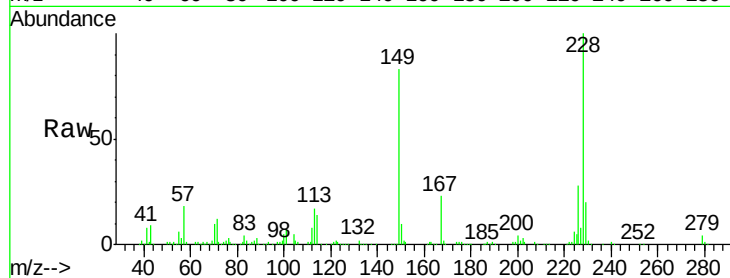
Tgt Ion:149 Resp: 232400

Ion Ratio Lower Upper

149 100

167 27.8 21.7 32.5

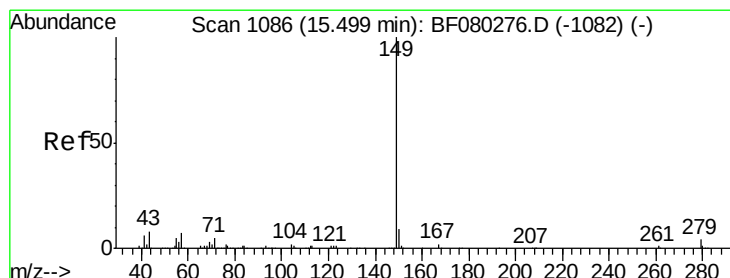
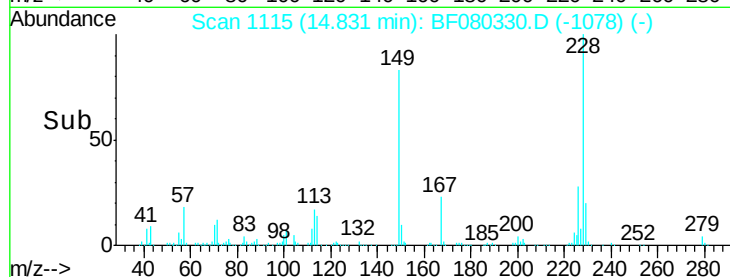
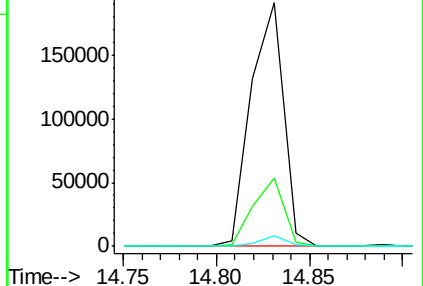
279 4.3 2.7 4.1#



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: 27.02 ng

RT: 15.68 min Scan# 1189

Delta R.T. 0.18 min

Lab File: BF080330.D

Acq: 3 Jul 2015 8:02

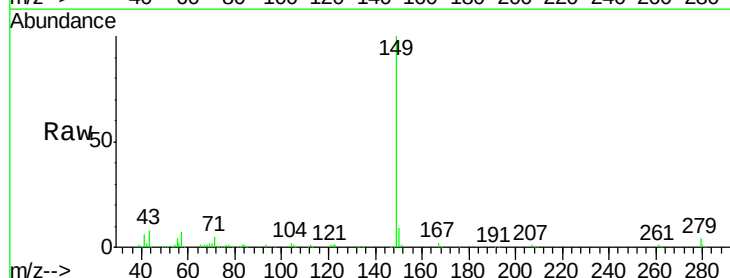
Tgt Ion:149 Resp: 374223

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

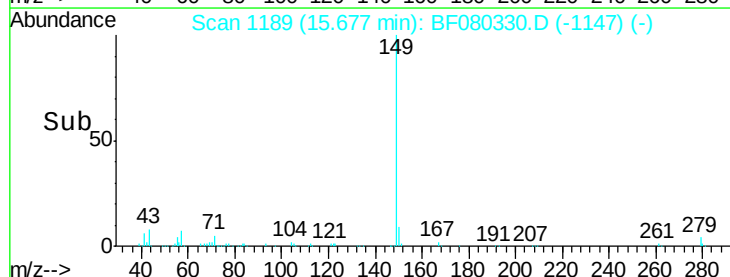
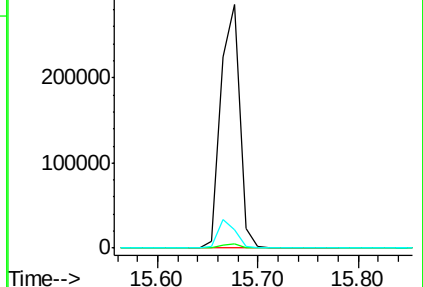
43 11.3 8.3 12.5

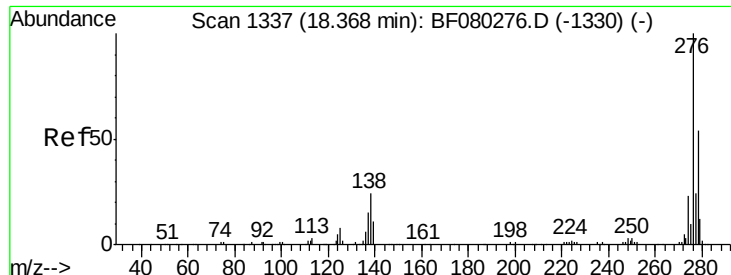


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

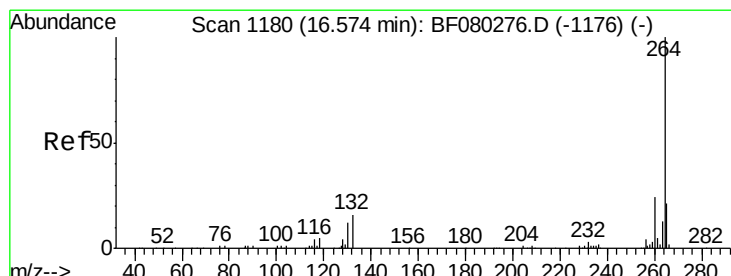
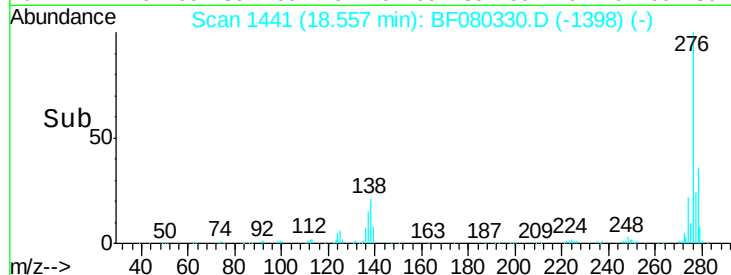
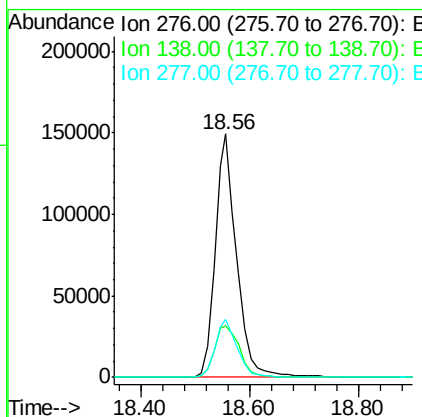
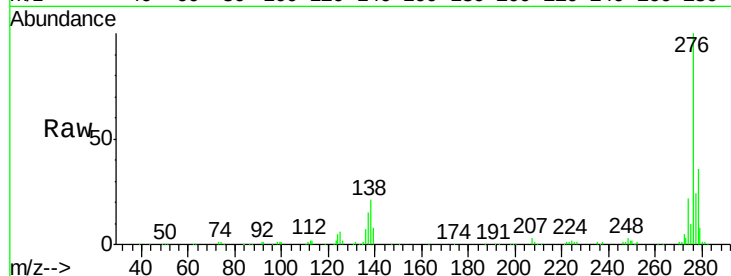




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 27.63 ng
 RT: 18.56 min Scan# 1441
 Delta R.T. 0.19 min
 Lab File: BF080330.D
 Acq: 3 Jul 2015 8:02

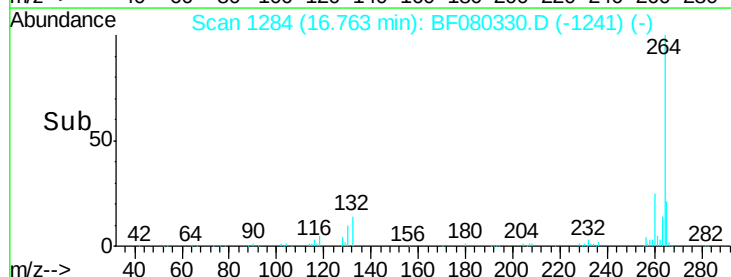
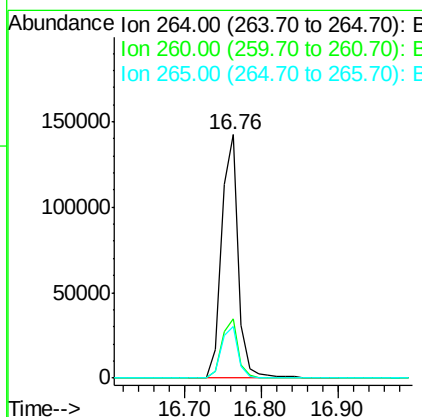
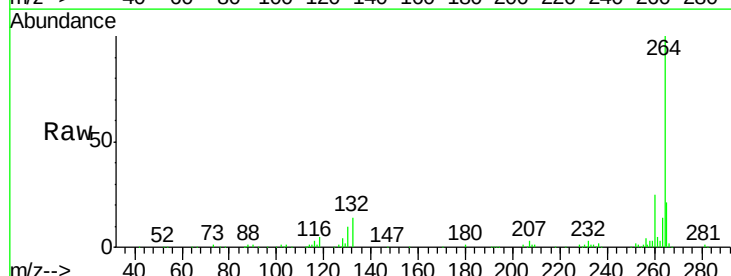
Instrument :
 BNA_F
 ClientSampleId :
 IDOC-02-W-UM

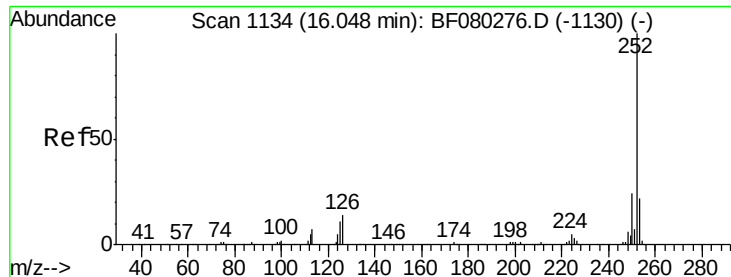
Tgt Ion: 276 Resp: 411704
 Ion Ratio Lower Upper
 276 100
 138 24.6 21.0 31.6
 277 24.6 19.4 29.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.76 min Scan# 1284
 Delta R.T. 0.19 min
 Lab File: BF080330.D
 Acq: 3 Jul 2015 8:02

Tgt Ion: 264 Resp: 217954
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.2 28.8
 265 21.2 16.9 25.3





#87

Benzo(b)fluoranthene

Concen: 26.62 ng

RT: 16.24 min Scan# 1238

Delta R.T. 0.19 min

Lab File: BF080330.D

Acq: 3 Jul 2015 8:02

Instrument :

BNA_F

ClientSampleId :

IDOC-02-W-UM

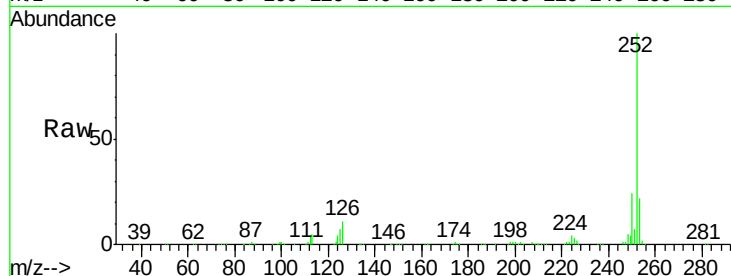
Tgt Ion:252 Resp: 366417

Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

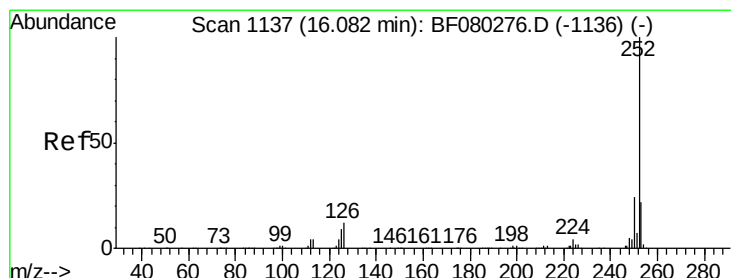
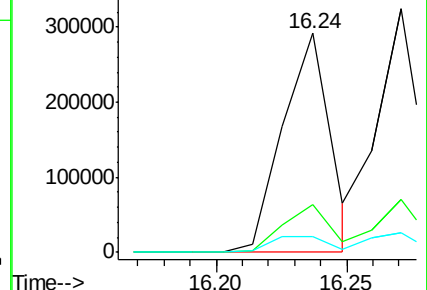
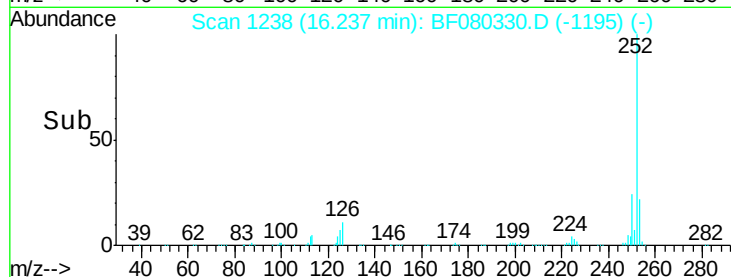
125 7.4 8.6 12.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 29.84 ng

RT: 16.27 min Scan# 1241

Delta R.T. 0.19 min

Lab File: BF080330.D

Acq: 3 Jul 2015 8:02

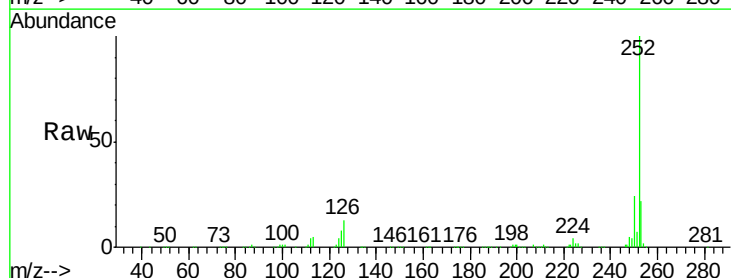
Tgt Ion:252 Resp: 386863

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

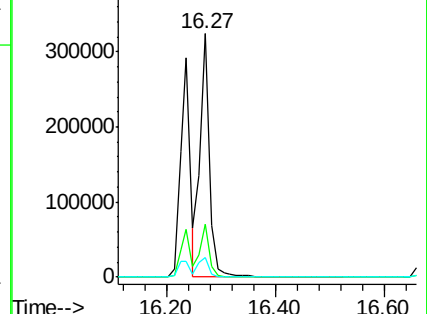
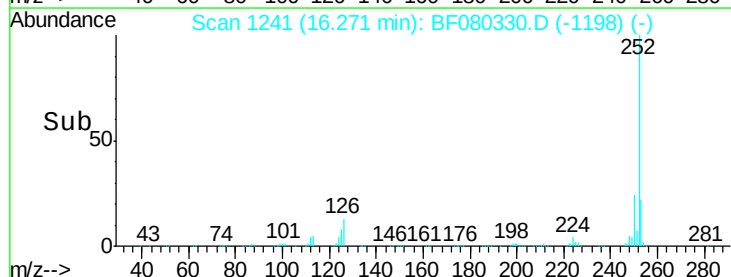
125 8.1 8.4 12.6#

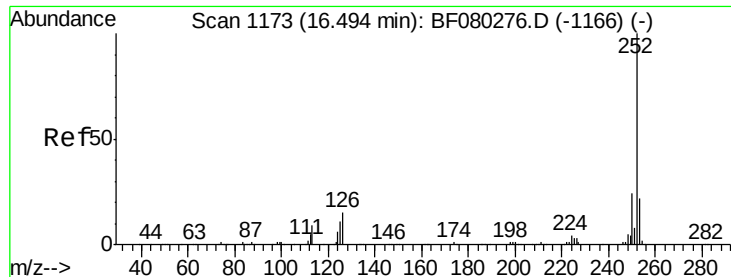


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 29.39 ng

RT: 16.68 min Scan# 1277

Delta R.T. 0.19 min

Lab File: BF080330.D

Acq: 3 Jul 2015 8:02

Instrument :

BNA_F

ClientSampleId :

IDOC-02-W-UM

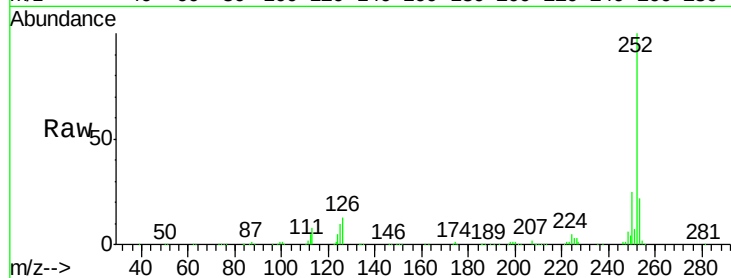
Tgt Ion:252 Resp: 368697

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

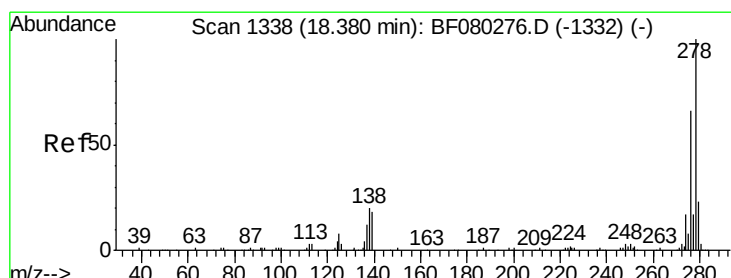
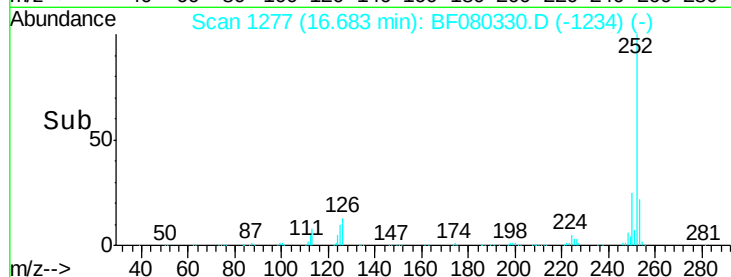
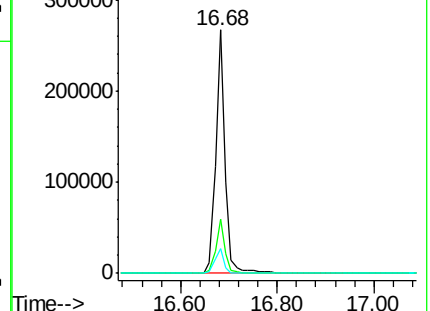
125 10.1 9.0 13.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 29.58 ng

RT: 18.58 min Scan# 1443

Delta R.T. 0.20 min

Lab File: BF080330.D

Acq: 3 Jul 2015 8:02

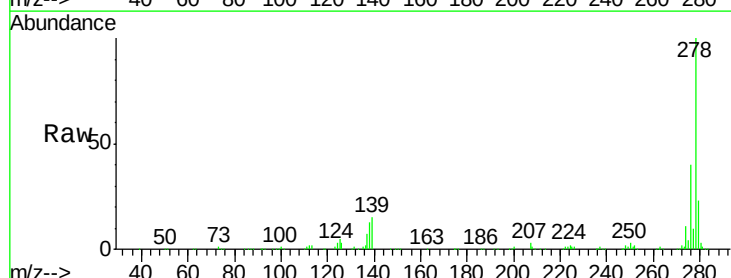
Tgt Ion:278 Resp: 348215

Ion Ratio Lower Upper

278 100

139 14.5 14.6 21.8#

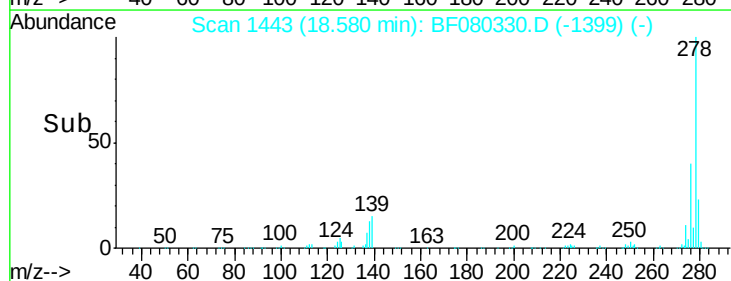
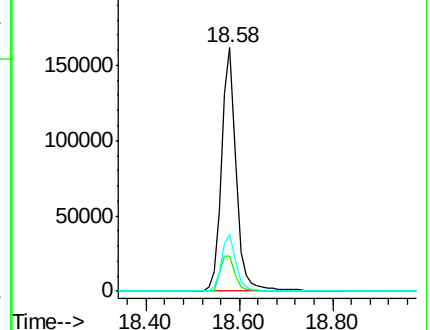
279 23.5 18.7 28.1

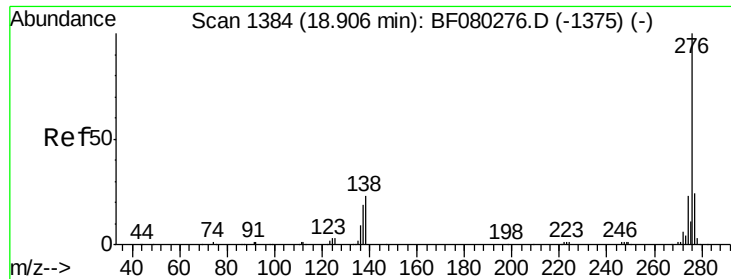


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 28.29 ng

RT: 19.09 min Scan# 1488

Delta R.T. 0.19 min

Lab File: BF080330.D

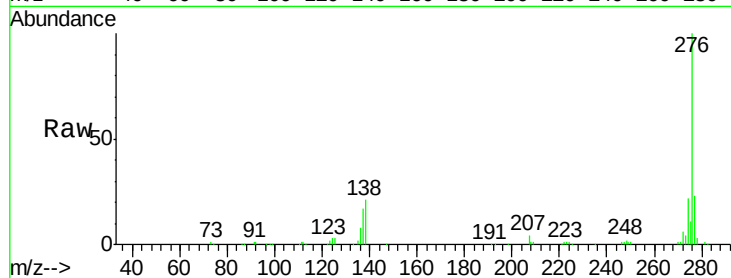
Acq: 3 Jul 2015 8:02

Instrument :

BNA_F

ClientSampleId :

IDOC-02-W-UM



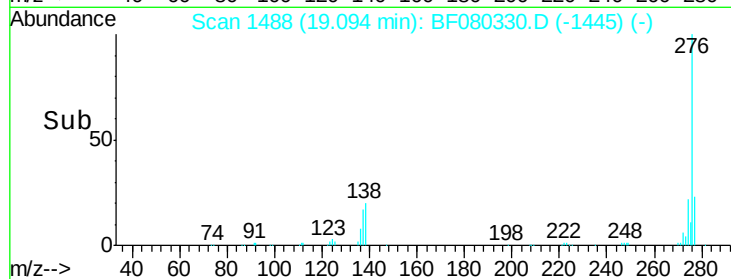
Tgt Ion: 276 Resp: 347446

Ion Ratio Lower Upper

276 100

277 23.0 19.0 28.6

138 20.8 18.1 27.1



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

