

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070615\
 Data File : BF080369.D
 Acq On : 7 Jul 2015 5:16
 Operator : TP/IZ
 Sample : IDOC-03-W-UM
 Misc : IDOC-03-W-UM
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-04-W-UM

Quant Time: Jul 07 05:49:19 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 07 03:05:40 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.23	152	37091	20.00	ng	0.00
21) Naphthalene-d8	8.52	136	143794	20.00	ng	0.00
38) Acenaphthene-d10	10.29	164	67530	20.00	ng	0.00
63) Phenanthrene-d10	11.79	188	148511	20.00	ng	0.00
75) Chrysene-d12	14.71	240	152187	20.00	ng	-0.03
86) Perylene-d12	16.53	264	146322	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.84	112	284379	140.42	ng	0.00
7) Phenol-d6	6.84	99	366971	136.70	ng	0.01
23) Nitrobenzene-d5	7.79	82	222485	90.25	ng	0.00
41) 2,4,6-Tribromophenol	11.08	330	97371	137.80	ng	0.00
44) 2-Fluorobiphenyl	9.60	172	465672	93.06	ng	0.00
78) Terphenyl-d14	13.46	244	577771	88.55	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.04	88	32549	34.04	ng	90
3) Pyridine	3.88	79	88022	36.17	ng	98
4) n-Nitrosodimethylamine	3.78	42	47169	41.25	ng	99
6) Aniline	6.89	93	107250	28.85	ng	99
8) 2-Chlorophenol	7.01	128	105215	44.82	ng	98
9) Benzaldehyde	6.77	77	32843	22.00	ng	99
10) Phenol	6.85	94	137649	47.28	ng	97
11) bis(2-Chloroethyl)ether	6.94	93	93287	42.48	ng	98
12) 1,3-Dichlorobenzene	7.17	146	119275	41.39	ng	100
13) 1,4-Dichlorobenzene	7.17	146	119275	44.32	ng	94
14) 1,2-Dichlorobenzene	7.40	146	116779	42.87	ng	100
15) Benzyl Alcohol	7.36	79	93271	44.88	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.49	45	156033	43.94	ng	99
17) 2-Methylphenol	7.47	107	78456	43.12	ng	95
18) Hexachloroethane	7.74	117	35673	41.25	ng	# 61
19) n-Nitroso-di-n-propylamine	7.63	70	73042	41.93	ng	99
20) 3+4-Methylphenols	7.62	107	111435	43.94	ng	97
22) Acetophenone	7.63	105	151106	45.55	ng	# 99
24) Nitrobenzene	7.80	77	106652	43.07	ng	99
25) Isophorone	8.04	82	211682	44.61	ng	99
26) 2-Nitrophenol	8.13	139	47624	44.44	ng	98
27) 2,4-Dimethylphenol	8.16	122	96025	45.54	ng	98
28) bis(2-Chloroethoxy)methane	8.25	93	134307	45.57	ng	100
29) 2,4-Dichlorophenol	8.37	162	85485	45.66	ng	98
30) 1,2,4-Trichlorobenzene	8.46	180	87945	39.53	ng	100
31) Naphthalene	8.54	128	297311	40.31	ng	100
32) Benzoic acid	8.22	122	56245	49.24	ng	98
33) 4-Chloroaniline	8.58	127	77674	26.42	ng	98
34) Hexachlorobutadiene	8.66	225	57464	42.45	ng	98
35) Caprolactam	8.92	113	26357	45.59	ng	# 82
36) 4-Chloro-3-methylphenol	9.06	107	82631	42.78	ng	# 70
37) 2-Methylnaphthalene	9.23	142	201143	42.77	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	9.40	216	91142	42.58	ng	97
40) Hexachlorocyclopentadiene	9.39	237	71202	80.03	ng	99

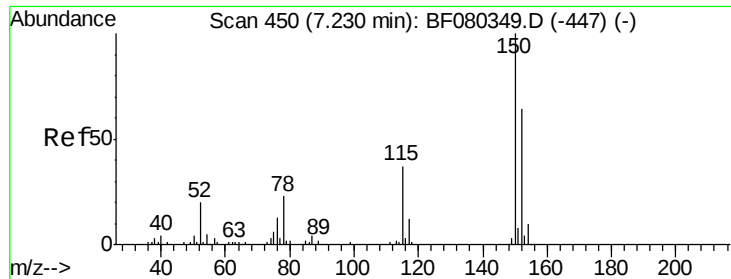
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070615\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.52	196	61189	43.40	ng	96
43) 2,4,5-Trichlorophenol	9.55	196	73276	44.59	ng	98
45) 1,1'-Biphenyl	9.70	154	270425	45.12	ng	99
46) 2-Chloronaphthalene	9.73	162	193885	42.42	ng	99
47) 2-Nitroaniline	9.81	65	63614	49.74	ng	99
48) Acenaphthylene	10.14	152	311872	41.00	ng	99
49) Dimethylphthalate	9.98	163	229397	42.31	ng	99
50) 2,6-Dinitrotoluene	10.05	165	53129	46.87	ng	95
51) Acenaphthene	10.33	154	203153	44.61	ng	94
52) 3-Nitroaniline	10.22	138	42343	33.15	ng	97
53) 2,4-Dinitrophenol	10.34	184	39231	79.59	ng	98
54) Dibenzofuran	10.50	168	283917	43.85	ng	99
55) 4-Nitrophenol	10.37	139	86992	92.92	ng	87
56) 2,4-Dinitrotoluene	10.46	165	65014	44.60	ng	98
57) Fluorene	10.84	166	241540	43.32	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.61	232	57210	43.46	ng	100
59) Diethylphthalate	10.69	149	256824	47.42	ng	100
60) 4-Chlorophenyl-phenylether	10.83	204	107652	43.63	ng	99
61) 4-Nitroaniline	10.84	138	55296	44.60	ng	97
62) Azobenzene	10.99	77	223671	43.48	ng	98
64) 4,6-Dinitro-2-methylphenol	10.88	198	30673	36.86	ng	98
65) n-Nitrosodiphenylamine	10.94	169	197792	41.81	ng	99
66) 4-Bromophenyl-phenylether	11.32	248	73162	43.00	ng	94
67) Hexachlorobenzene	11.40	284	74566	41.78	ng	98
68) Atrazine	11.46	200	57680	40.96	ng	99
69) Pentachlorophenol	11.59	266	64155	72.70	ng	93
70) Phenanthrene	11.81	178	372669	41.84	ng	100
71) Anthracene	11.87	178	358974	41.10	ng	99
72) Carbazole	12.02	167	338106	41.50	ng	99
73) Di-n-butylphthalate	12.35	149	373539	40.09	ng	# 98
74) Fluoranthene	13.06	202	397218	41.50	ng	98
76) Benzidine	13.17	184	201264	52.14	ng	98
77) Pyrene	13.31	202	414750	45.06	ng	99
79) Butylbenzylphthalate	14.00	149	182598	49.71	ng	99
80) Benzo(a)anthracene	14.69	228	392970	42.85	ng	100
81) 3,3'-Dichlorobenzidine	14.64	252	115936	38.12	ng	# 97
82) Chrysene	14.74	228	365751	42.62	ng	99
83) Bis(2-ethylhexyl)phthalate	14.67	149	270769	48.36	ng	# 96
84) Di-n-octyl phthalate	15.47	149	449765	48.63	ng	99
85) Indeno(1,2,3-cd)pyrene	18.31	276	428800	42.49	ng	99
87) Benzo(b)fluoranthene	16.02	252	382292	41.57	ng	# 96
88) Benzo(k)fluoranthene	16.05	252	384477	44.17	ng	# 96
89) Benzo(a)pyrene	16.45	252	370736	44.09	ng	# 98
90) Dibenzo(a,h)anthracene	18.33	278	360930	43.58	ng	97
91) Benzo(g,h,i)perylene	18.83	276	359732	42.83	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.23 min Scan# 450

Delta R.T. 0.00 min

Lab File: BF080369.D

Acq: 7 Jul 2015 5:16

Instrument :

BNA_F

ClientSampleId :

IDOC-04-W-UM

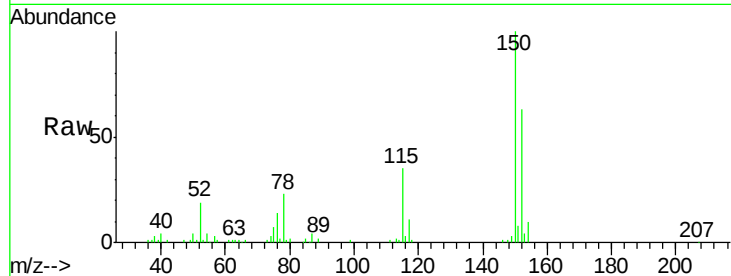
Tgt Ion:152 Resp: 37091

Ion Ratio Lower Upper

152 100

150 159.6 124.7 187.1

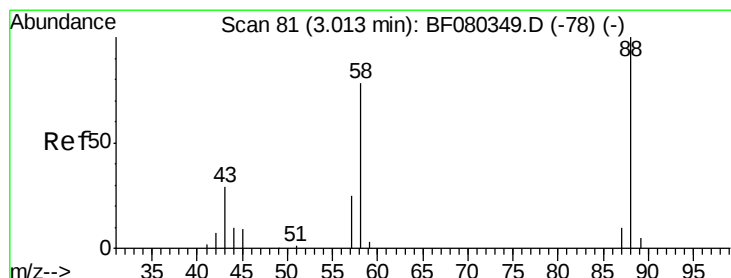
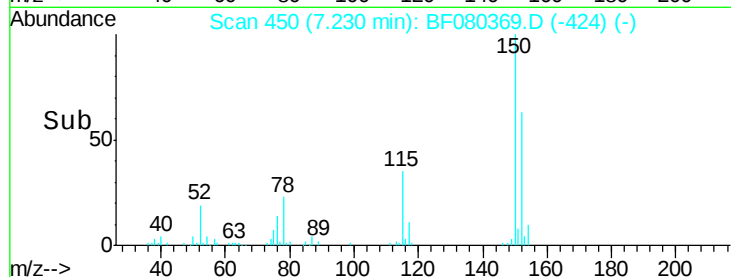
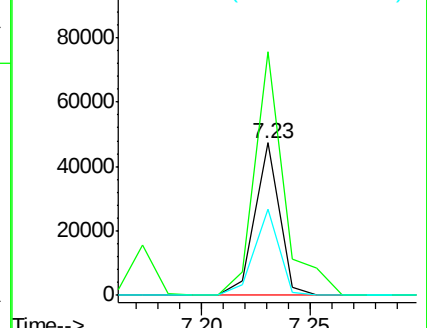
115 56.2 45.7 68.5



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: 34.04 ng

RT: 3.04 min Scan# 83

Delta R.T. 0.02 min

Lab File: BF080369.D

Acq: 7 Jul 2015 5:16

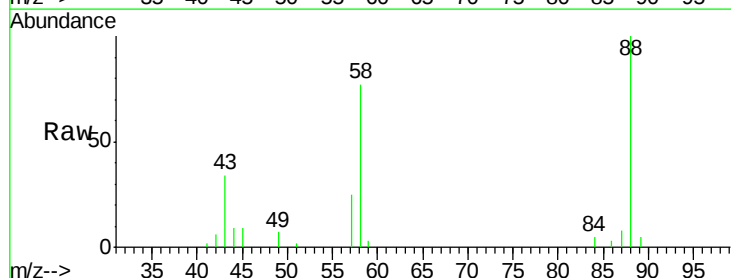
Tgt Ion: 88 Resp: 32549

Ion Ratio Lower Upper

88 100

58 85.7 61.0 91.6

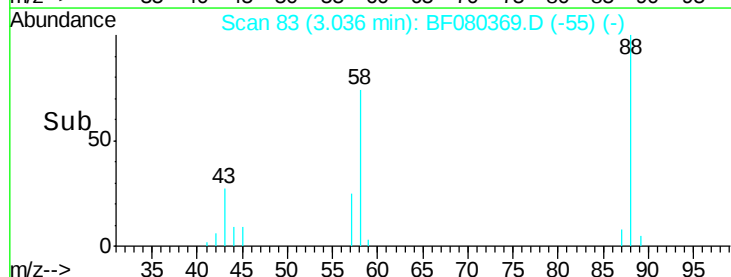
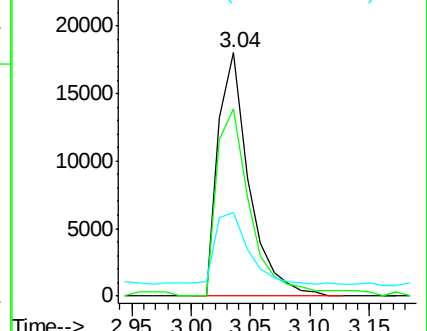
43 33.4 23.4 35.0

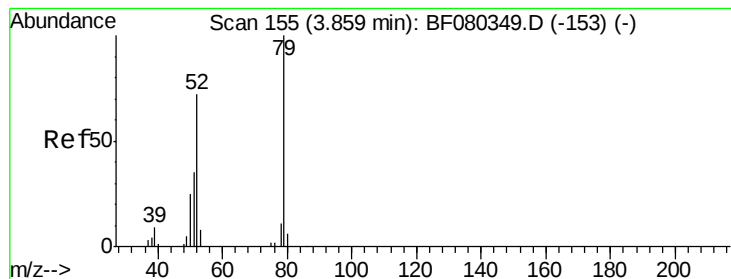


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 36.17 ng

RT: 3.88 min Scan# 157

Delta R.T. 0.02 min

Lab File: BF080369.D

Acq: 7 Jul 2015 5:16

Instrument :

BNA_F

ClientSampleId :

IDOC-04-W-UM

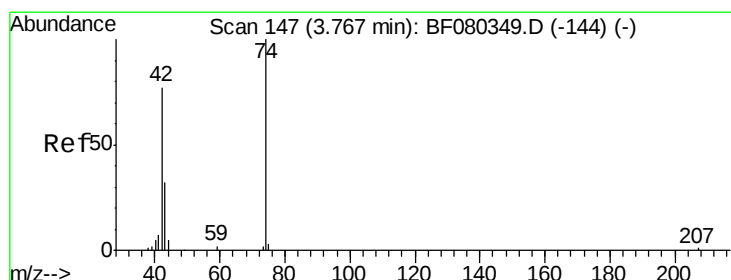
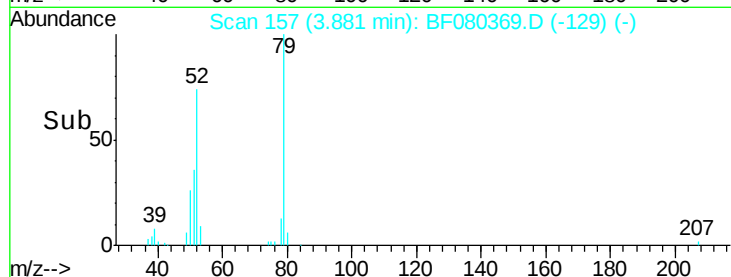
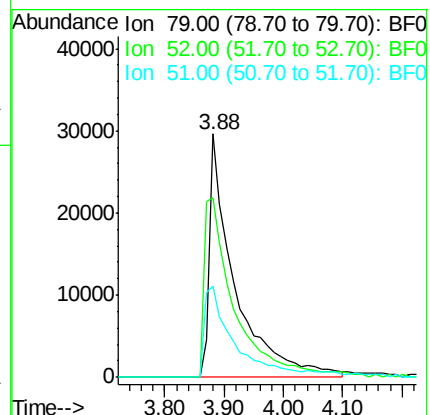
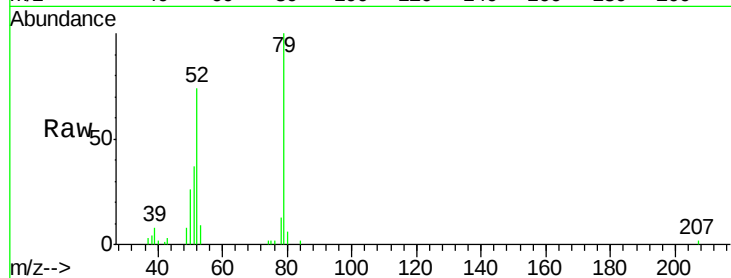
Tgt Ion: 79 Resp: 88022

Ion Ratio Lower Upper

79 100

52 73.9 57.2 85.8

51 37.3 29.4 44.0



#4

n-Nitrosodimethylamine

Concen: 41.25 ng

RT: 3.78 min Scan# 148

Delta R.T. 0.01 min

Lab File: BF080369.D

Acq: 7 Jul 2015 5:16

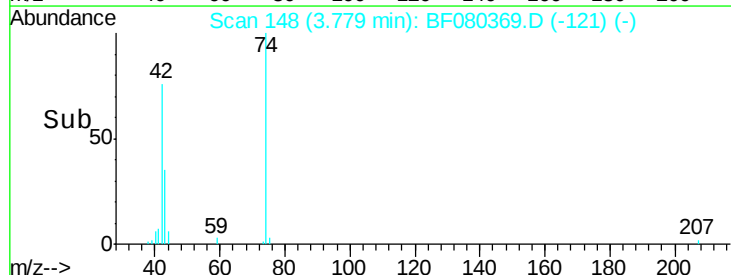
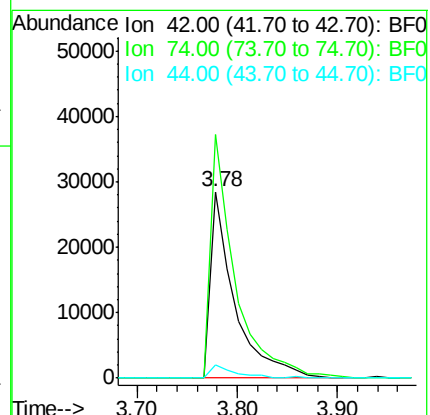
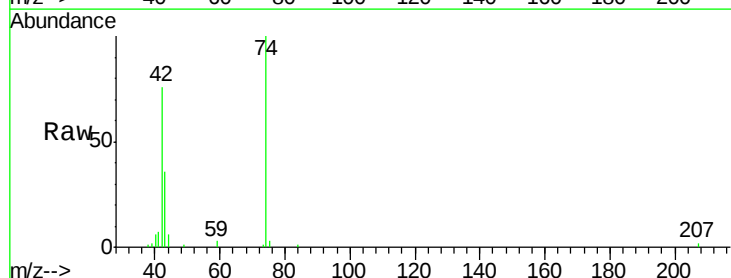
Tgt Ion: 42 Resp: 47169

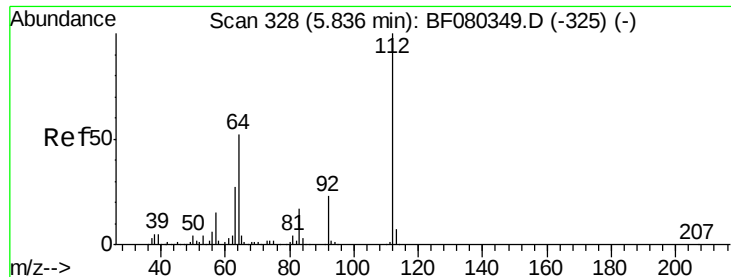
Ion Ratio Lower Upper

42 100

74 130.9 103.4 155.0

44 7.3 5.4 8.0





#5

2-Fluorophenol

Concen: 140.42 ng

RT: 5.84 min Scan# 328

Delta R.T. 0.00 min

Lab File: BF080369.D

Acq: 7 Jul 2015 5:16

Instrument :

BNA_F

ClientSampleId :

IDOC-04-W-UM

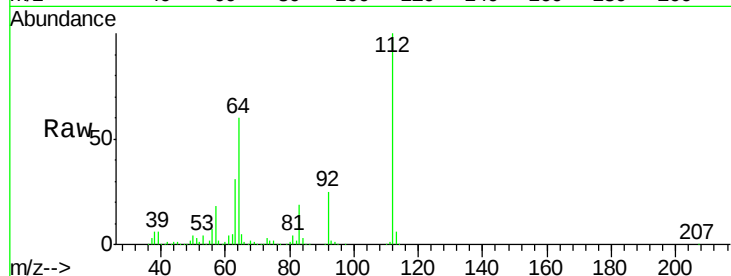
Tgt Ion: 112 Resp: 284379

Ion Ratio Lower Upper

112 100

64 60.1 41.8 62.6

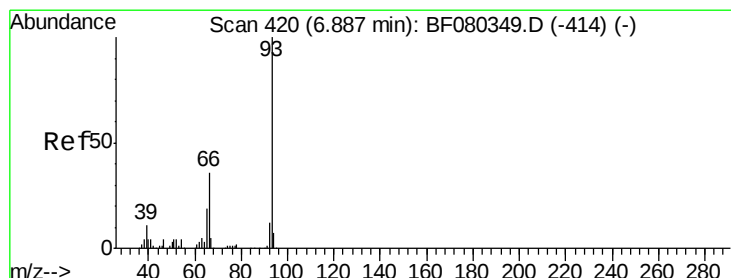
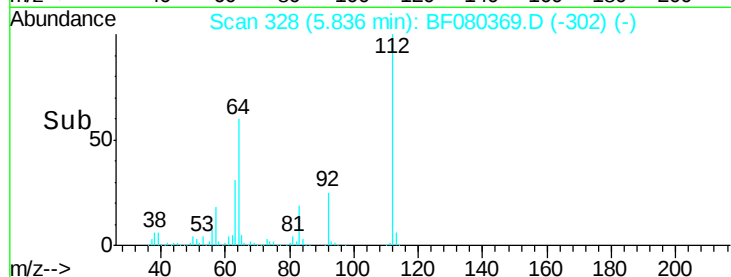
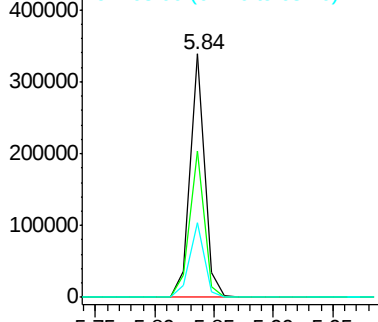
63 30.7 21.5 32.3



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 28.85 ng

RT: 6.89 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF080369.D

Acq: 7 Jul 2015 5:16

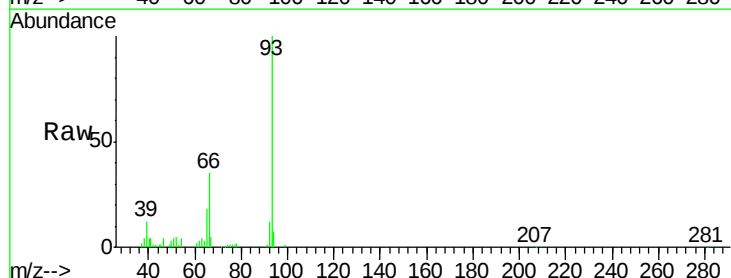
Tgt Ion: 93 Resp: 107250

Ion Ratio Lower Upper

93 100

66 35.2 28.7 43.1

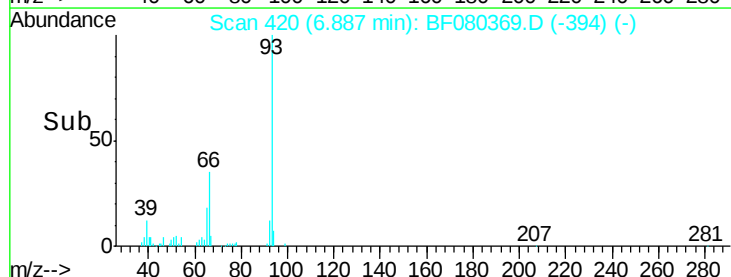
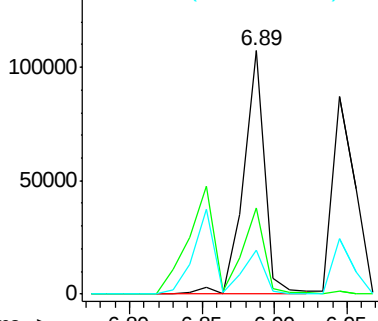
65 17.9 14.8 22.2

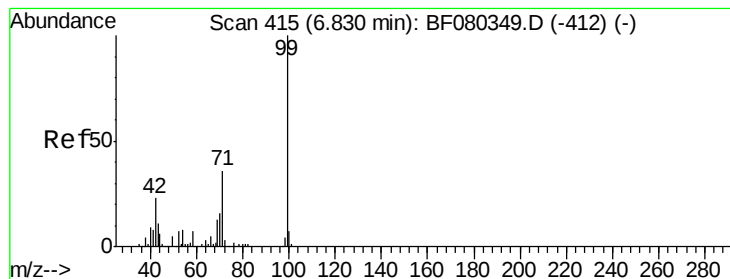


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 136.70 ng

RT: 6.84 min Scan# 416

Delta R.T. 0.01 min

Lab File: BF080369.D

Acq: 7 Jul 2015 5:16

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ClientSampleId :

IDOC-04-W-UM

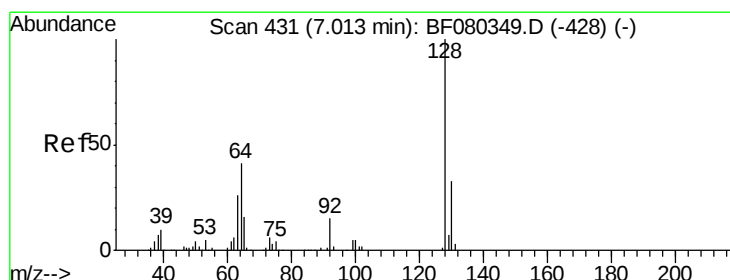
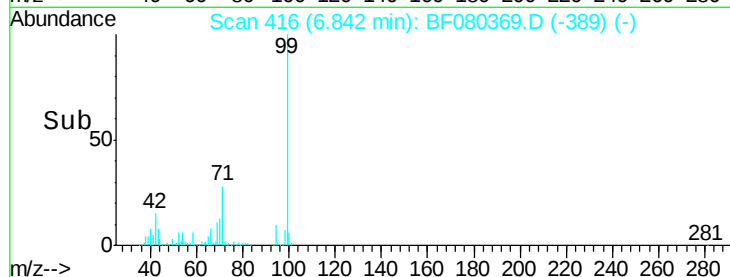
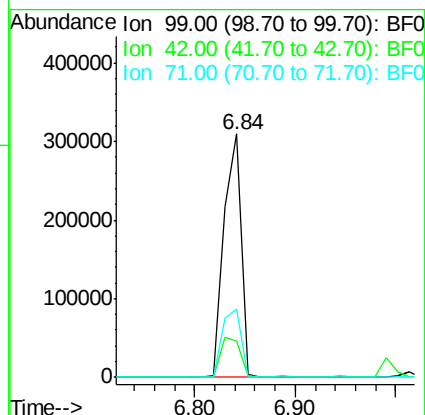
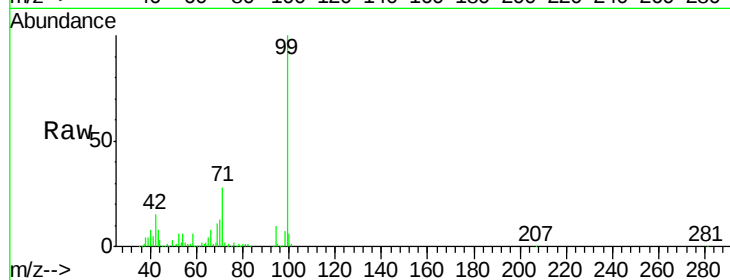
Tgt Ion: 99 Resp: 366971

Ion Ratio Lower Upper

99 100

42 14.8 18.5 27.7#

71 27.9 28.5 42.7#



#8

2-Chlorophenol

Concen: 44.82 ng

RT: 7.01 min Scan# 431

Delta R.T. 0.00 min

Lab File: BF080369.D

Acq: 7 Jul 2015 5:16

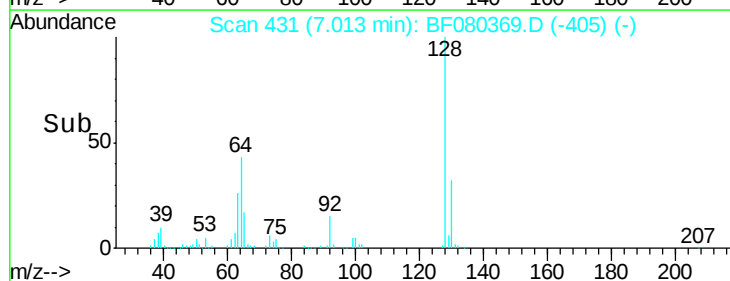
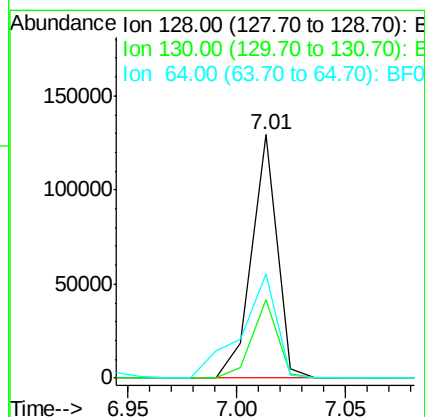
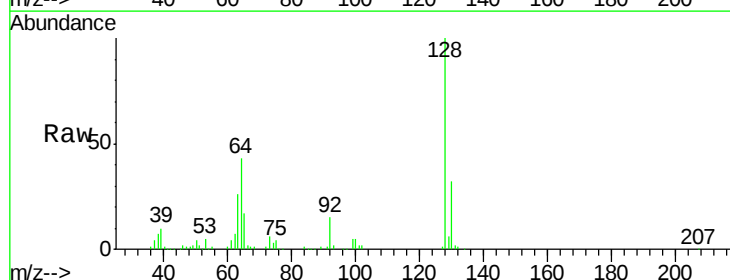
Tgt Ion: 128 Resp: 105215

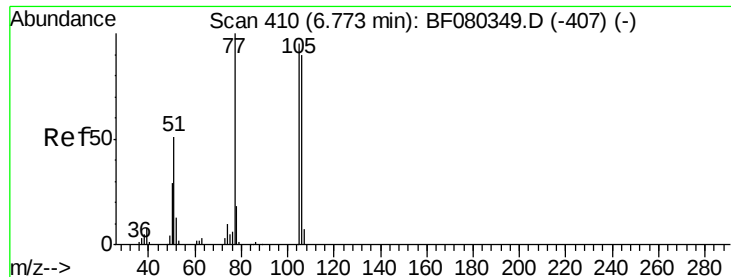
Ion Ratio Lower Upper

128 100

130 32.2 12.8 52.8

64 42.8 21.1 61.1





#9

Benzaldehyde

Concen: 22.00 ng

RT: 6.77 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF080369.D

Acq: 7 Jul 2015 5:16

Instrument :

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IDOC-04-W-UM

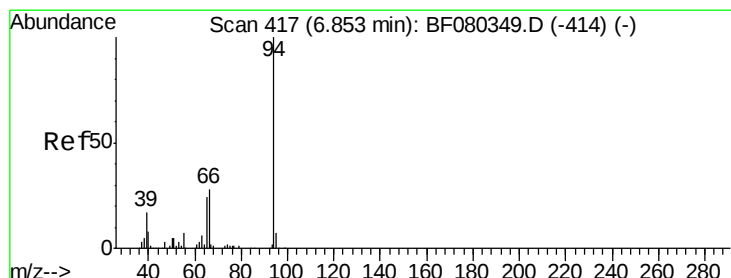
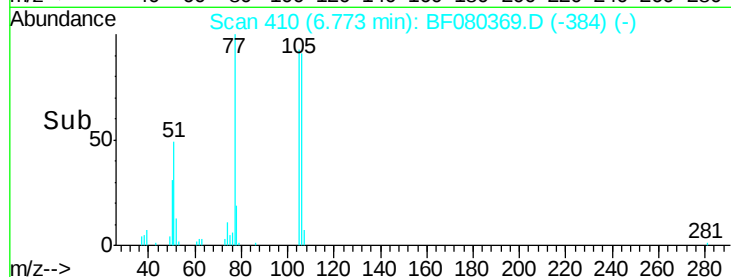
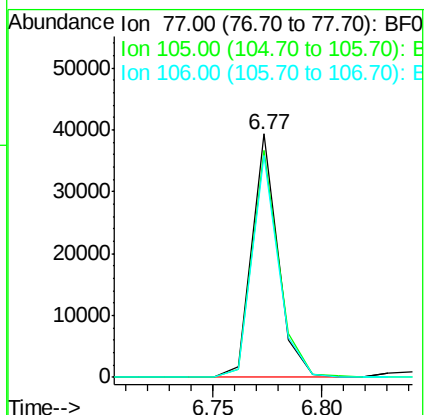
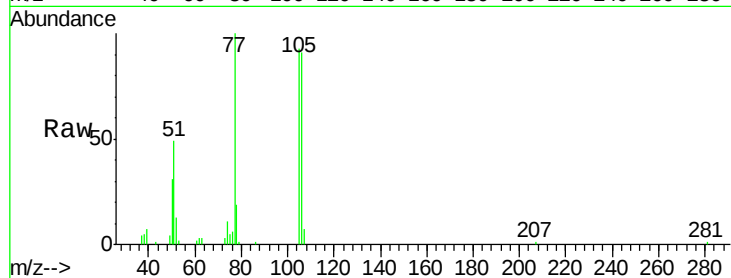
Tgt Ion: 77 Resp: 32843

Ion Ratio Lower Upper

77 100

105 93.5 75.2 115.2

106 91.0 69.9 109.9



#10

Phenol

Concen: 47.28 ng

RT: 6.85 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF080369.D

Acq: 7 Jul 2015 5:16

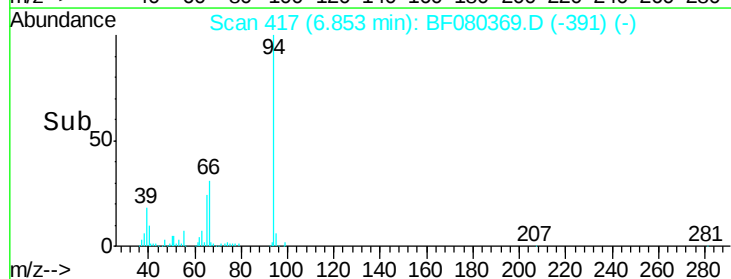
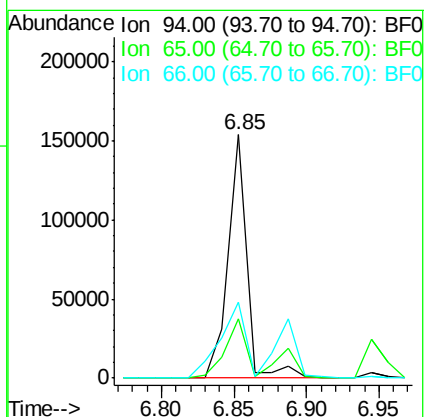
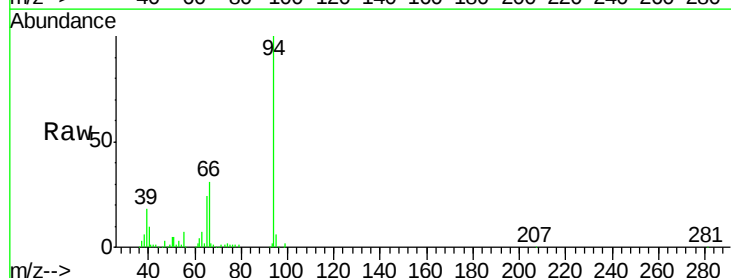
Tgt Ion: 94 Resp: 137649

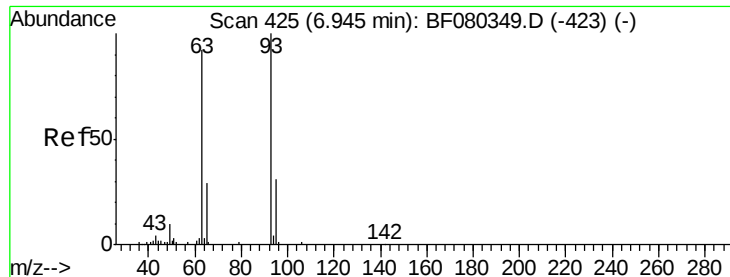
Ion Ratio Lower Upper

94 100

65 24.4 3.5 43.5

66 30.9 8.5 48.5

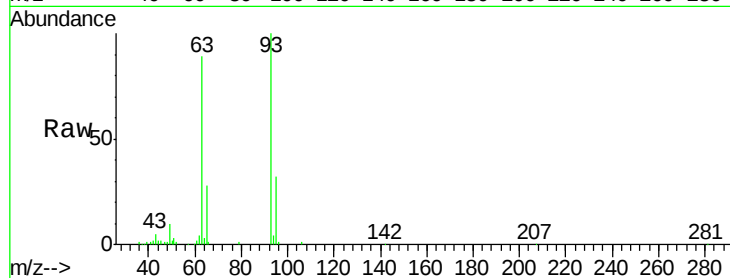




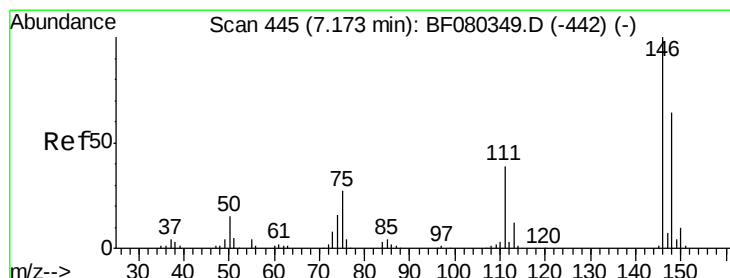
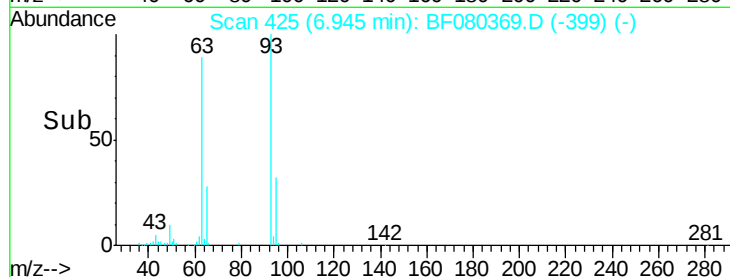
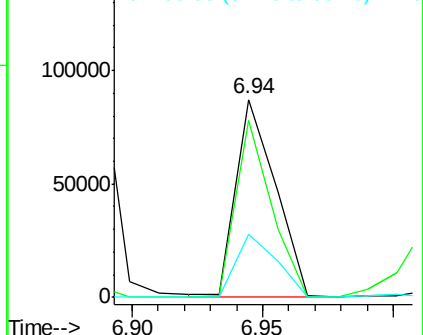
#11
bis(2-Chloroethyl)ether
Concen: 42.48 ng
RT: 6.94 min Scan# 425
Delta R.T. 0.00 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Instrument :
BNA_F
ClientSampleId :
IDOC-04-W-UM

Tgt Ion: 93 Resp: 93287
Ion Ratio Lower Upper
93 100
63 89.4 71.3 111.3
95 32.0 11.3 51.3

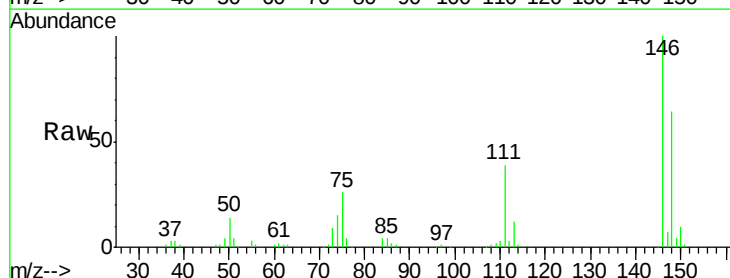


Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0

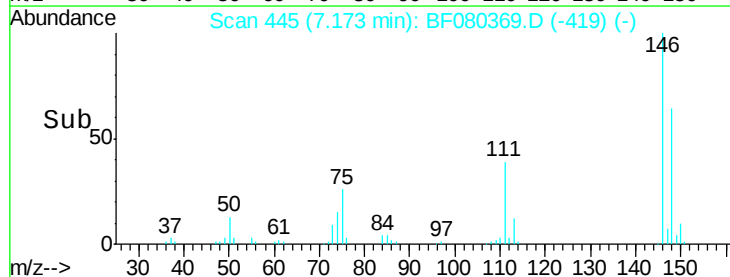
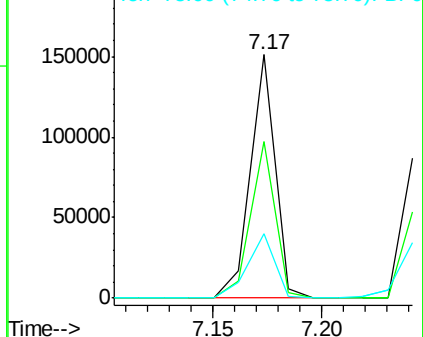


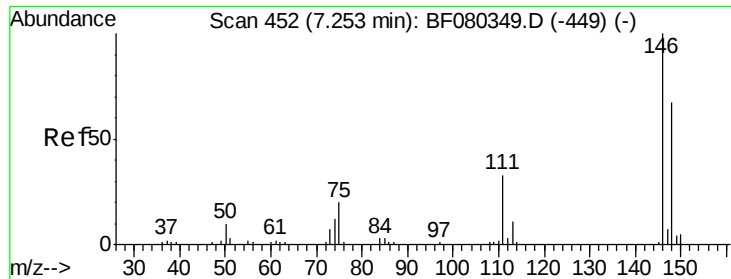
#12
1,3-Dichlorobenzene
Concen: 41.39 ng
RT: 7.17 min Scan# 445
Delta R.T. 0.00 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Tgt Ion: 146 Resp: 119275
Ion Ratio Lower Upper
146 100
148 64.1 51.4 77.0
75 26.4 21.5 32.3



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF0

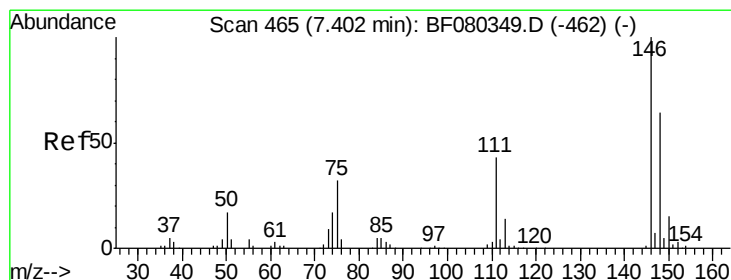
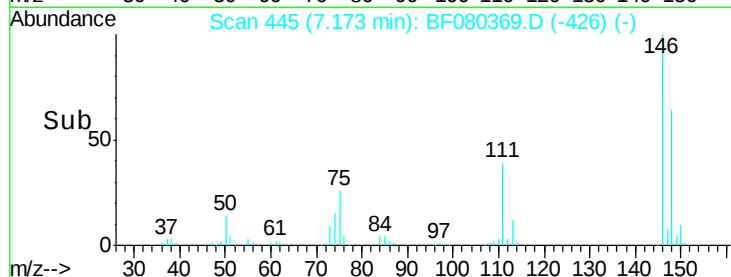
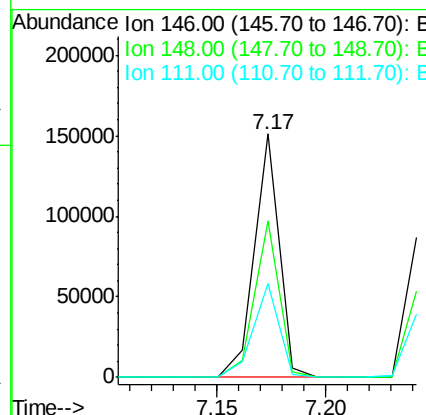
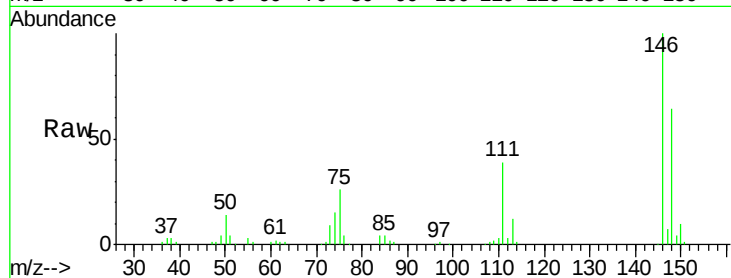




#13
 1,4-Dichlorobenzene
 Concen: 44.32 ng
 RT: 7.17 min Scan# 445
 Delta R.T. -0.08 min
 Lab File: BF080369.D
 Acq: 7 Jul 2015 5:16

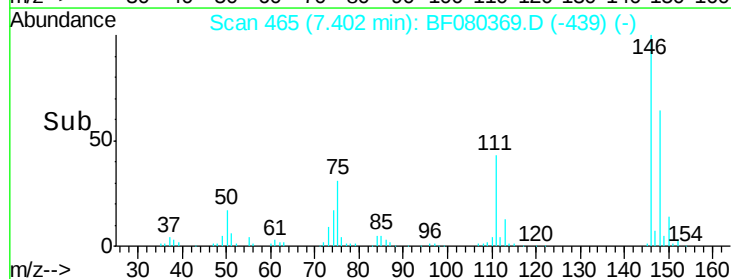
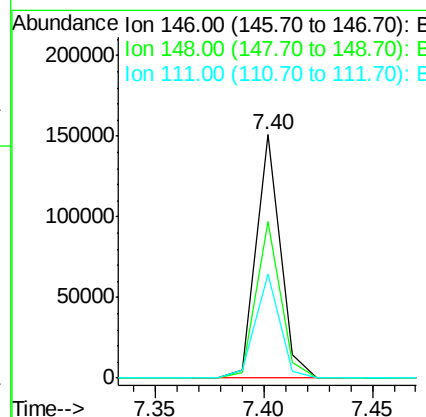
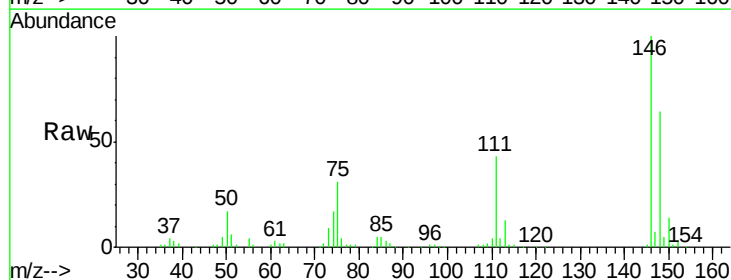
Instrument :
 BNA_F
 ClientSampleId :
 IDOC-04-W-UM

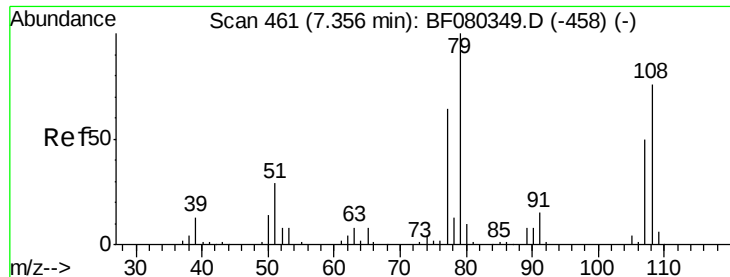
Tgt Ion:146 Resp: 119275
 Ion Ratio Lower Upper
 146 100
 148 64.1 53.4 80.0
 111 38.5 26.2 39.2



#14
 1,2-Dichlorobenzene
 Concen: 42.87 ng
 RT: 7.40 min Scan# 465
 Delta R.T. 0.00 min
 Lab File: BF080369.D
 Acq: 7 Jul 2015 5:16

Tgt Ion:146 Resp: 116779
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.3 76.9
 111 42.8 34.6 52.0





#15

Benzyl Alcohol

Concen: 44.88 ng

RT: 7.36 min Scan# 461

Delta R.T. 0.00 min

Lab File: BF080369.D

Acq: 7 Jul 2015 5:16

Instrument :

BNA_F

ClientSampleId :

IDOC-04-W-UM

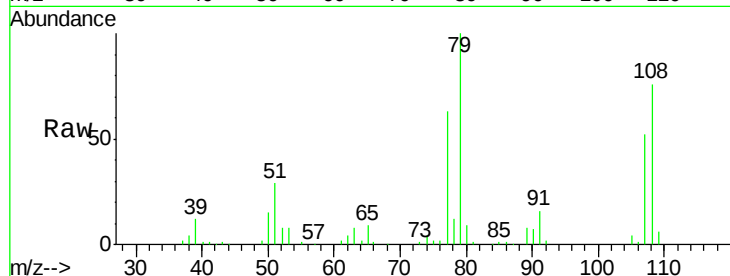
Tgt Ion: 79 Resp: 93271

Ion Ratio Lower Upper

79 100

108 75.9 60.6 90.8

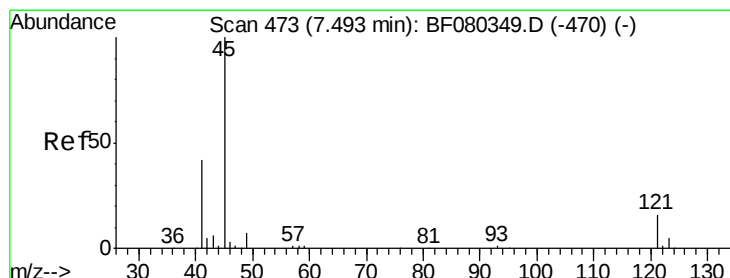
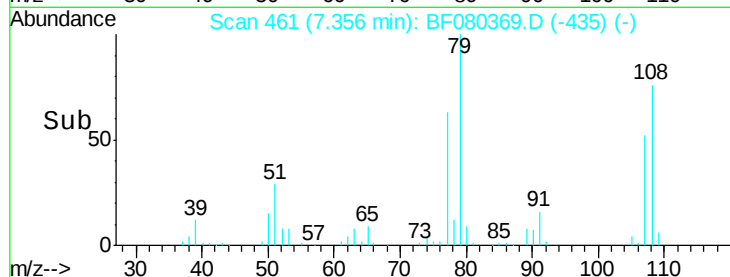
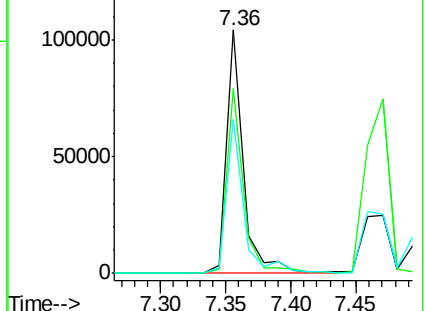
77 63.4 50.8 76.2



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.94 ng

RT: 7.49 min Scan# 473

Delta R.T. 0.00 min

Lab File: BF080369.D

Acq: 7 Jul 2015 5:16

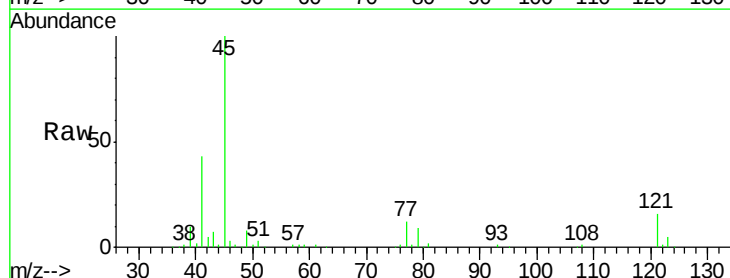
Tgt Ion: 45 Resp: 156033

Ion Ratio Lower Upper

45 100

77 12.0 0.0 31.9

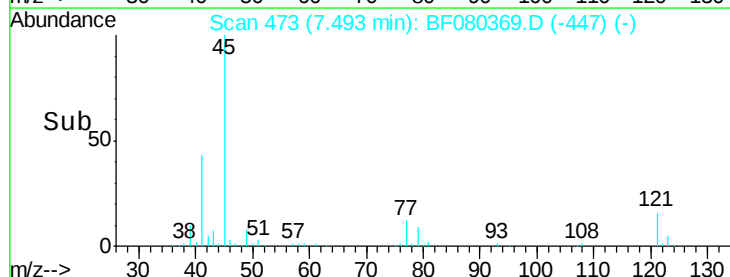
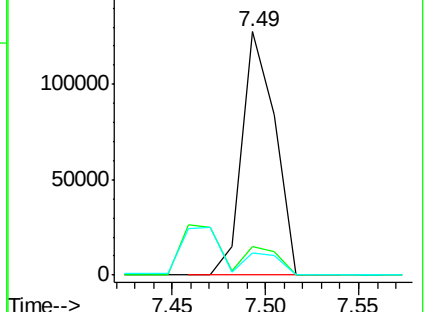
79 9.1 0.0 29.7

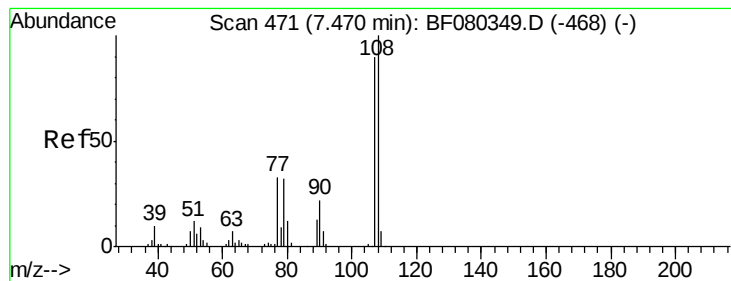


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 43.12 ng

RT: 7.47 min Scan# 471

Delta R.T. 0.00 min

Lab File: BF080369.D

Acq: 7 Jul 2015 5:16

Instrument :

BNA_F

ClientSampleId :

IDOC-04-W-UM

Tgt Ion:107 Resp: 78456

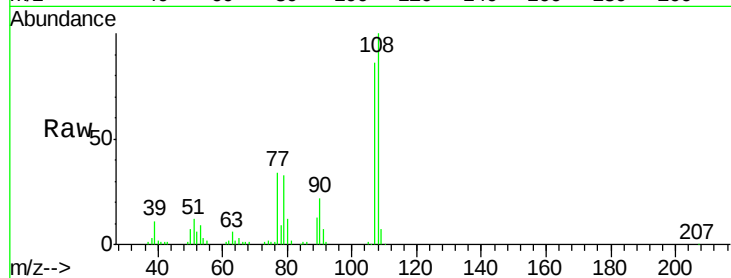
Ion Ratio Lower Upper

107 100

108 116.8 89.3 133.9

77 39.3 29.5 44.3

79 38.9 28.6 43.0

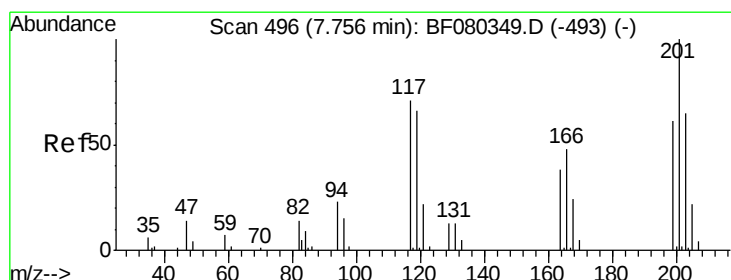
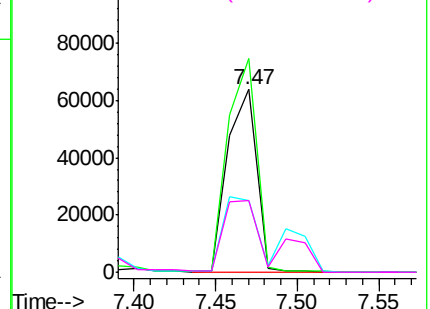
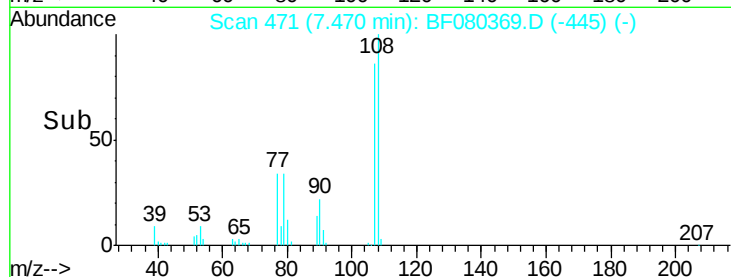


Abundance Ion 107.00 (106.70 to 107.70): E

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: 41.25 ng

RT: 7.74 min Scan# 495

Delta R.T. -0.01 min

Lab File: BF080369.D

Acq: 7 Jul 2015 5:16

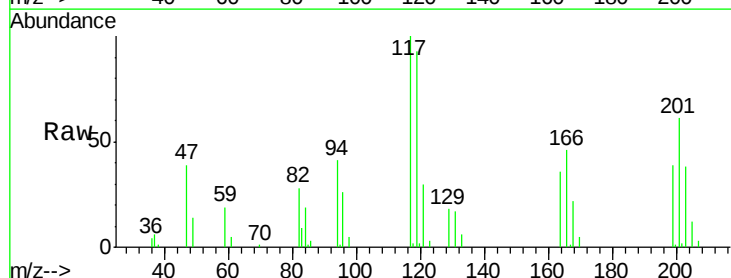
Tgt Ion:117 Resp: 35673

Ion Ratio Lower Upper

117 100

119 93.2 74.2 111.4

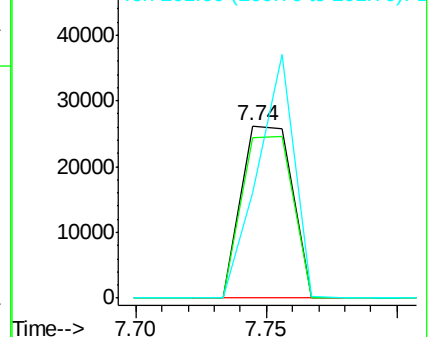
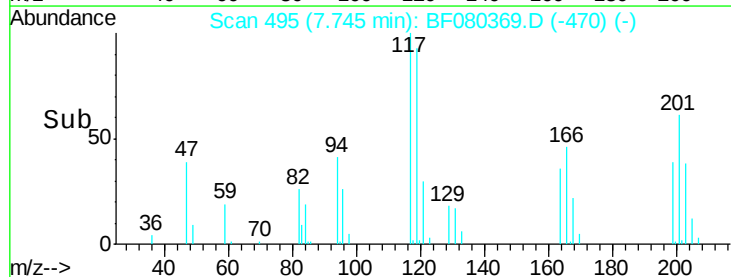
201 61.4 112.4 168.6#

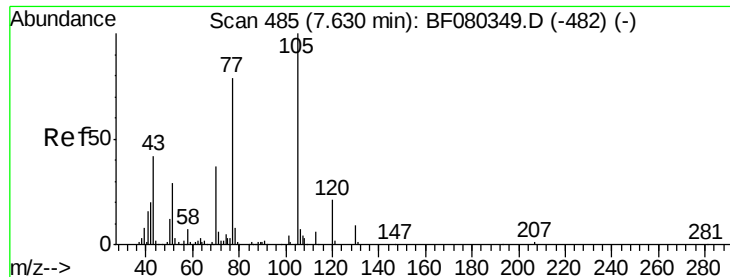


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

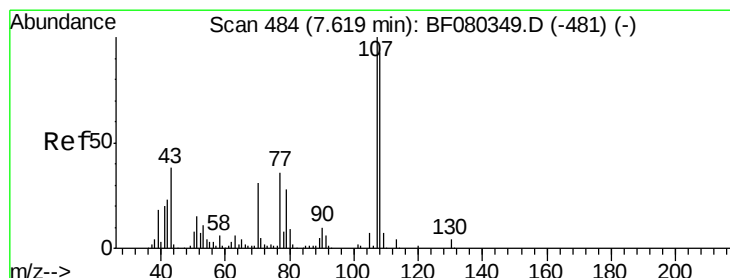
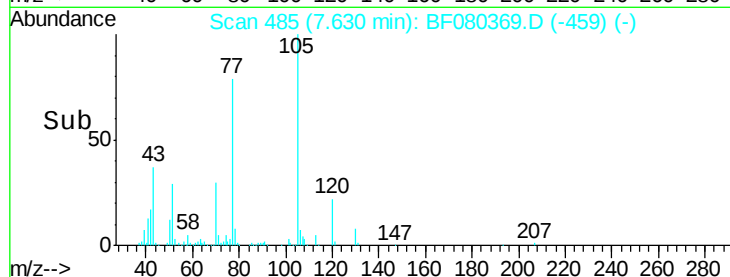
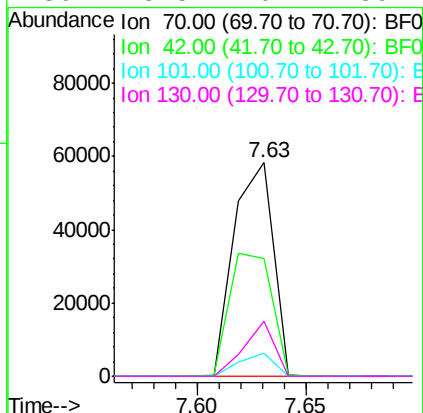
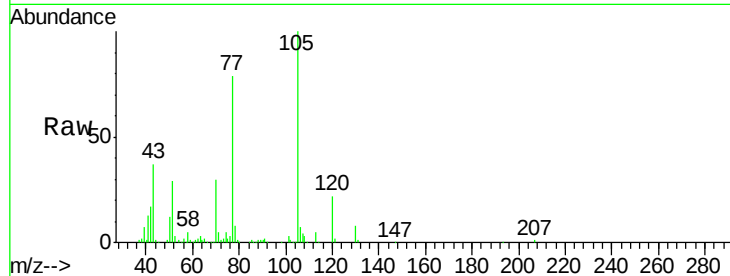




#19
n-Nitroso-di-n-propylamine
Concen: 41.93 ng
RT: 7.63 min Scan# 485
Delta R.T. 0.00 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

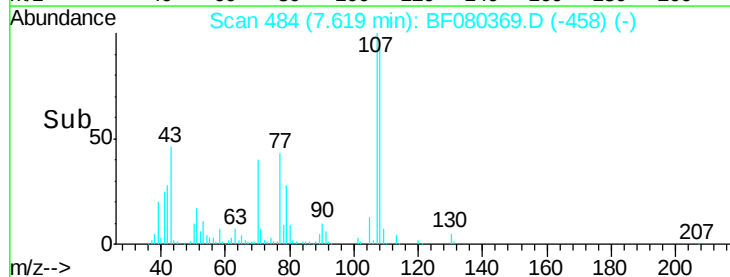
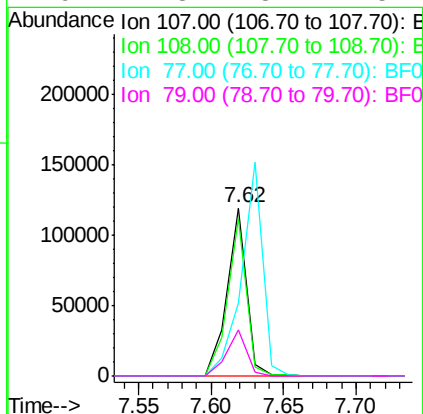
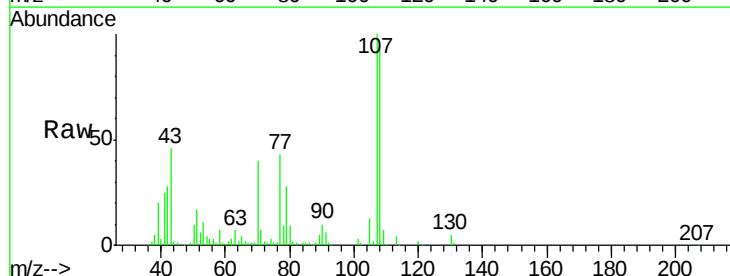
Instrument :
BNA_F
ClientSampleId :
IDOC-04-W-UM

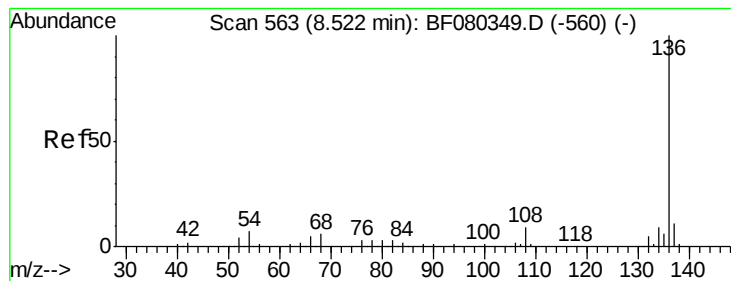
Tgt Ion:	70	Resp:	73042
Ion	Ratio	Lower	Upper
70	100		
42	55.1	43.0	64.6
101	10.5	8.3	12.5
130	25.5	20.2	30.2



#20
3+4-Methylphenols
Concen: 43.94 ng
RT: 7.62 min Scan# 484
Delta R.T. 0.00 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Tgt Ion:	107	Resp:	111435
Ion	Ratio	Lower	Upper
107	100		
108	93.4	73.4	113.4
77	43.1	16.4	56.4
79	27.8	8.2	48.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.52 min Scan# 563

Delta R.T. 0.00 min

Lab File: BF080369.D

Acq: 7 Jul 2015 5:16

Instrument :

BNA_F

ClientSampleId :

IDOC-04-W-UM

Tgt Ion:136 Resp: 143794

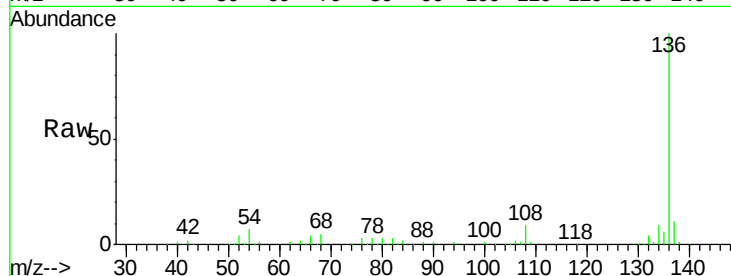
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 6.8 5.8 8.8

68 5.0 4.6 6.8

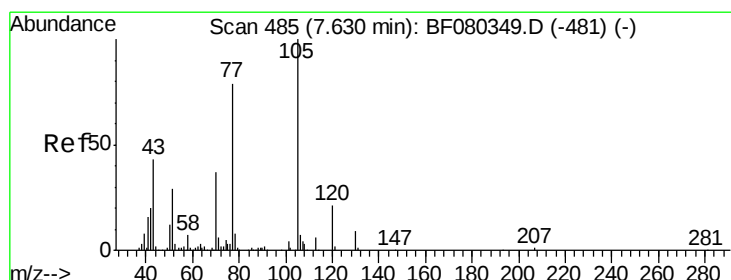
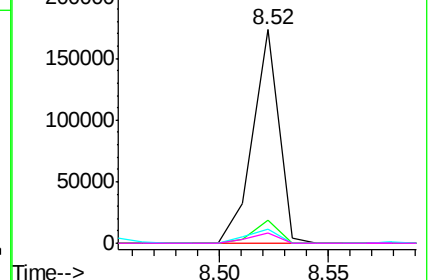
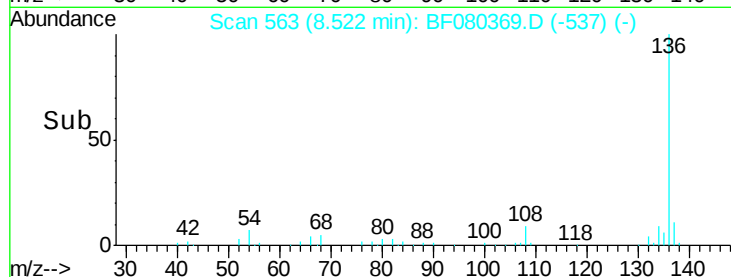


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 45.55 ng

RT: 7.63 min Scan# 485

Delta R.T. 0.00 min

Lab File: BF080369.D

Acq: 7 Jul 2015 5:16

Tgt Ion:105 Resp: 151106

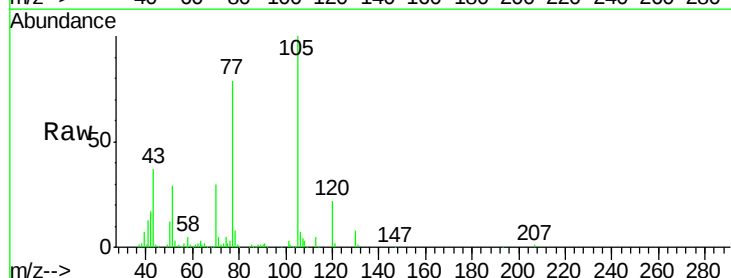
Ion Ratio Lower Upper

105 100

71 5.0 5.0 7.6#

51 28.6 23.2 34.8

120 21.9 17.0 25.4

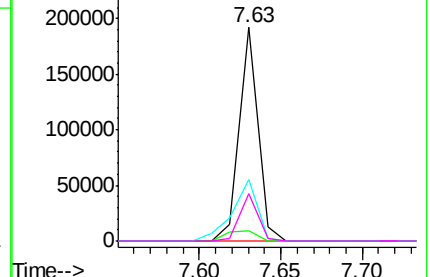
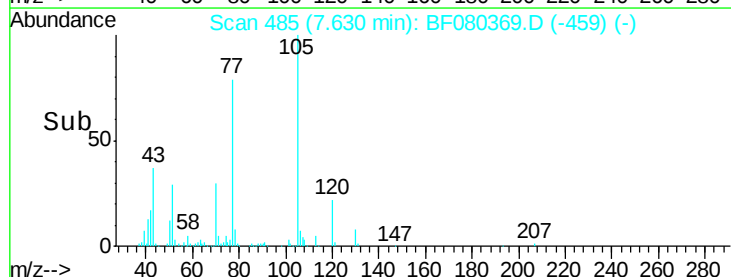


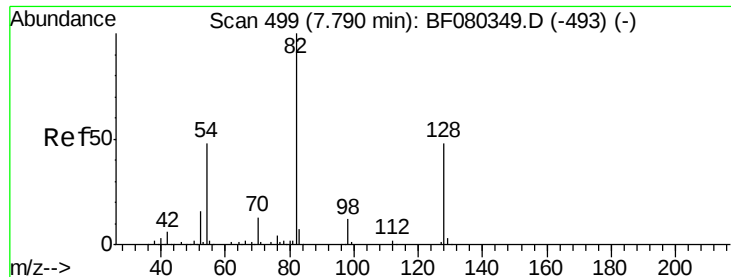
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

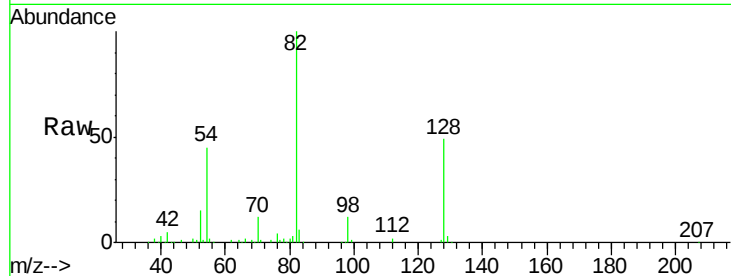




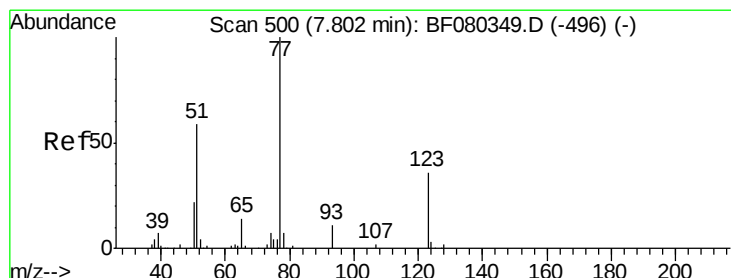
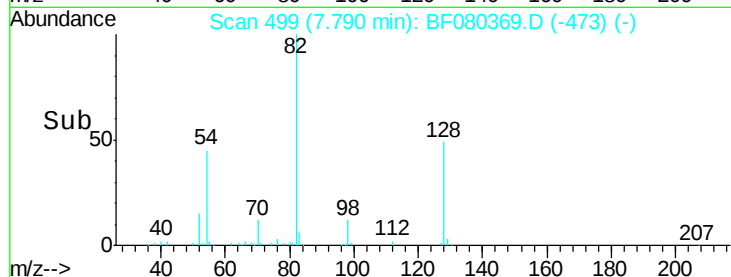
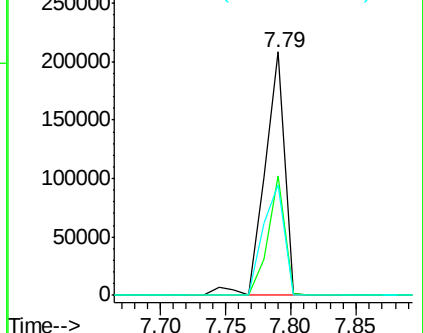
#23
 Nitrobenzene-d5
 Concen: 90.25 ng
 RT: 7.79 min Scan# 499
 Delta R.T. 0.00 min
 Lab File: BF080369.D
 Acq: 7 Jul 2015 5:16

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-04-W-UM

Tgt Ion: 82 Resp: 222485
 Ion Ratio Lower Upper
 82 100
 128 48.8 38.4 57.6
 54 45.5 38.2 57.2

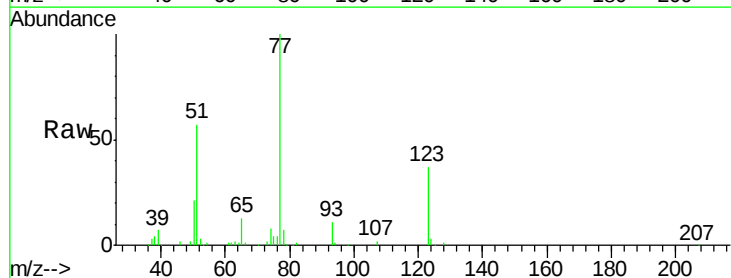


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

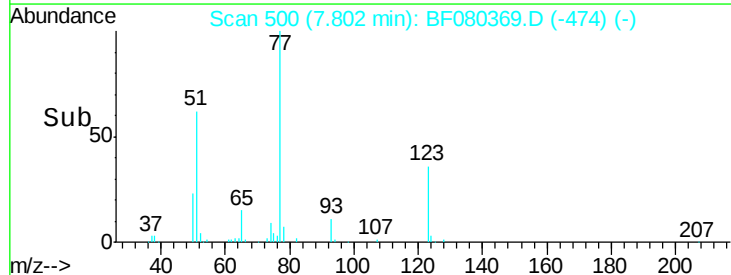
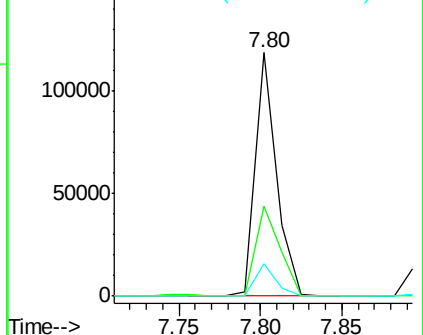


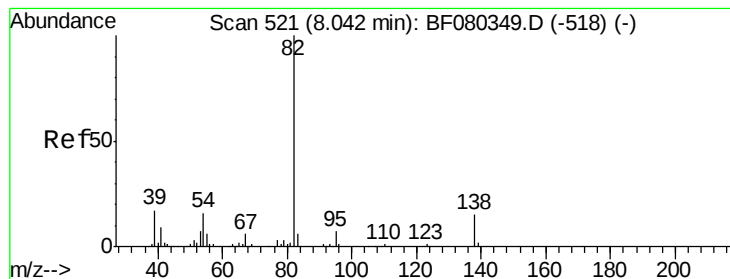
#24
 Nitrobenzene
 Concen: 43.07 ng
 RT: 7.80 min Scan# 500
 Delta R.T. 0.00 min
 Lab File: BF080369.D
 Acq: 7 Jul 2015 5:16

Tgt Ion: 77 Resp: 106652
 Ion Ratio Lower Upper
 77 100
 123 37.1 29.6 44.4
 65 13.2 11.1 16.7



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 44.61 ng

RT: 8.04 min Scan# 521

Delta R.T. 0.00 min

Lab File: BF080369.D

Acq: 7 Jul 2015 5:16

Instrument :

BNA_F

ClientSampleId :

IDOC-04-W-UM

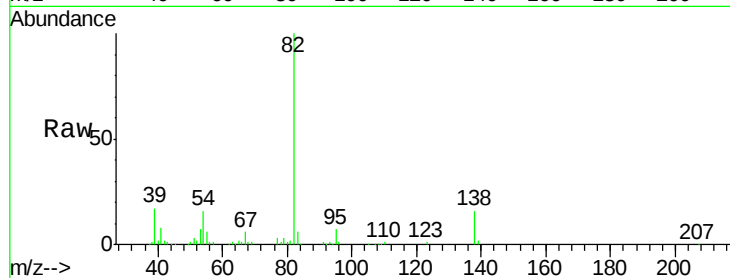
Tgt Ion: 82 Resp: 211682

Ion Ratio Lower Upper

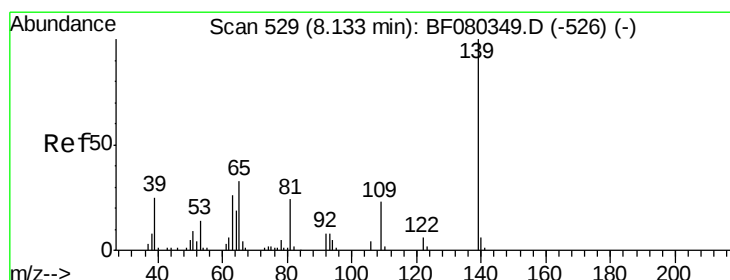
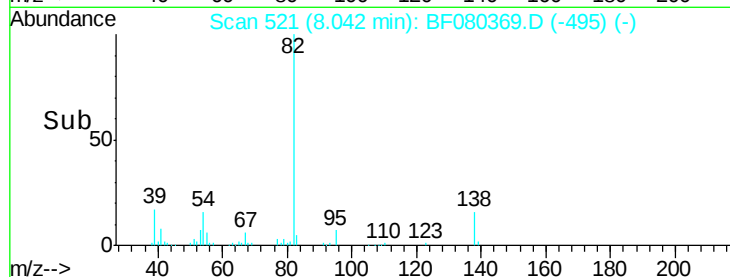
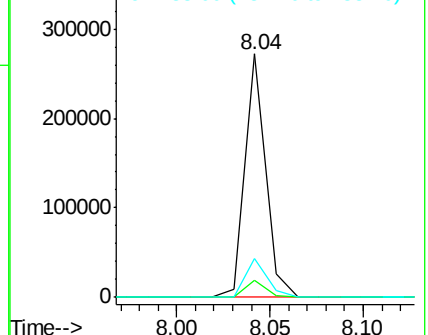
82 100

95 6.8 5.2 7.8

138 15.7 12.0 18.0



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: 44.44 ng

RT: 8.13 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF080369.D

Acq: 7 Jul 2015 5:16

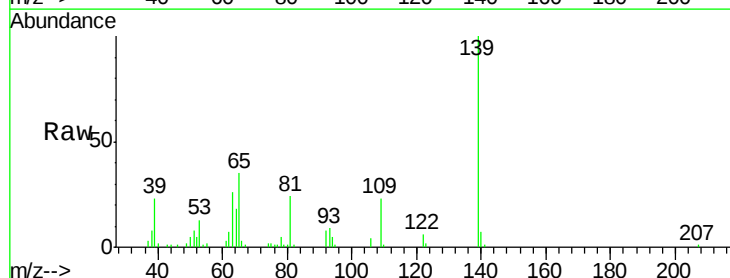
Tgt Ion: 139 Resp: 47624

Ion Ratio Lower Upper

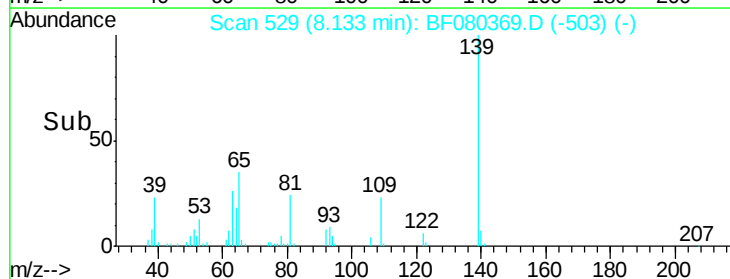
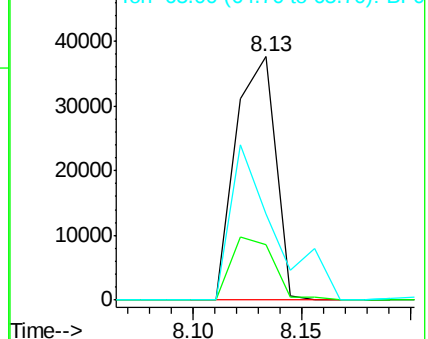
139 100

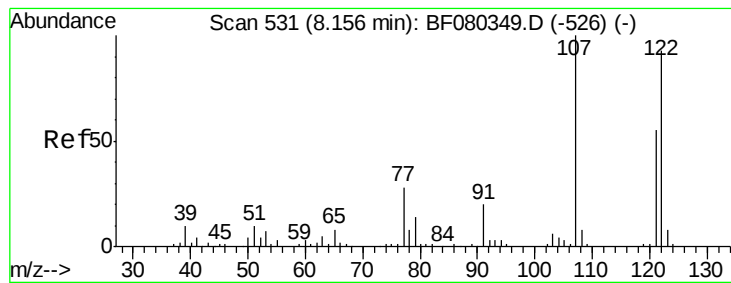
109 22.6 18.4 27.6

65 35.3 26.7 40.1



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

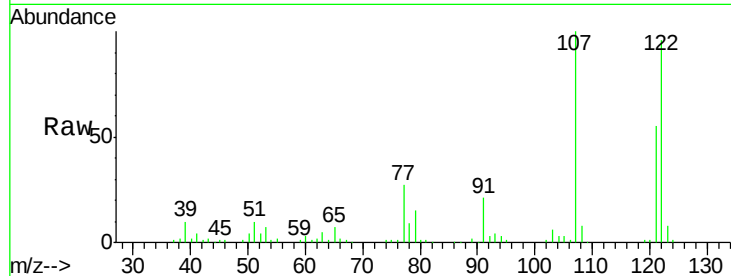




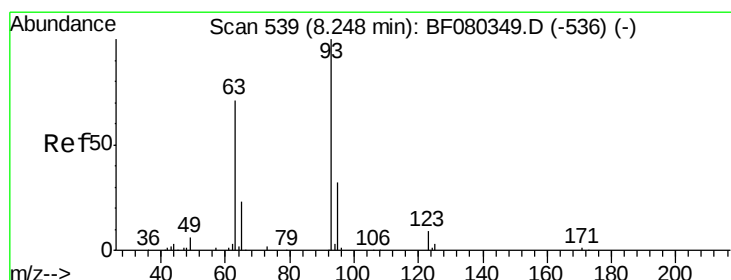
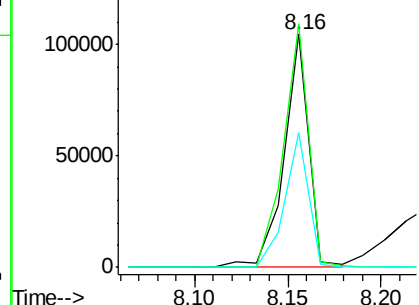
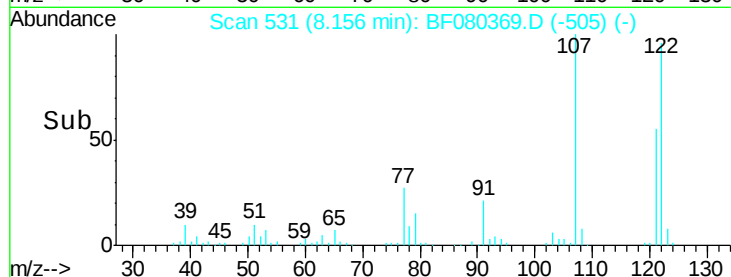
#27
 2,4-Dimethylphenol
 Concen: 45.54 ng
 RT: 8.16 min Scan# 531
 Delta R.T. 0.00 min
 Lab File: BF080369.D
 Acq: 7 Jul 2015 5:16

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-04-W-UM

Tgt Ion: 122 Resp: 96025
 Ion Ratio Lower Upper
 122 100
 107 104.5 85.8 128.6
 121 57.7 46.9 70.3

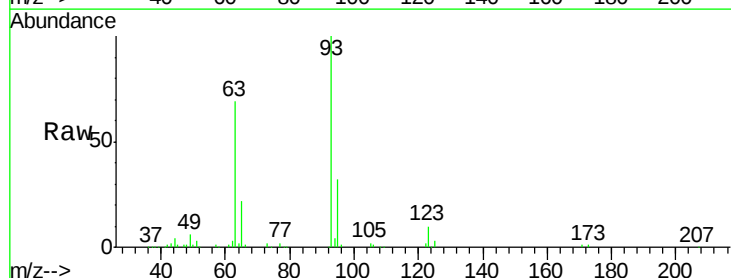


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

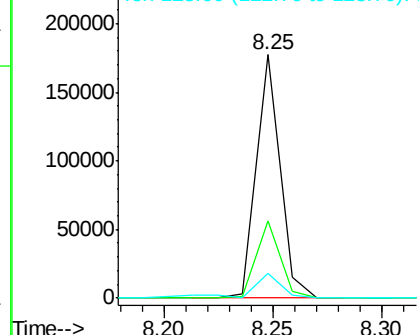
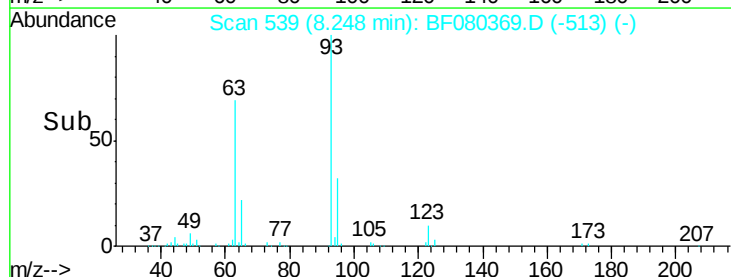


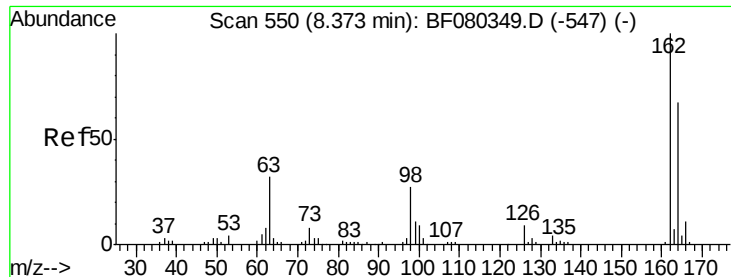
#28
 bis(2-Chloroethoxy)methane
 Concen: 45.57 ng
 RT: 8.25 min Scan# 539
 Delta R.T. 0.00 min
 Lab File: BF080369.D
 Acq: 7 Jul 2015 5:16

Tgt Ion: 93 Resp: 134307
 Ion Ratio Lower Upper
 93 100
 95 31.6 25.3 37.9
 123 10.0 7.8 11.6



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

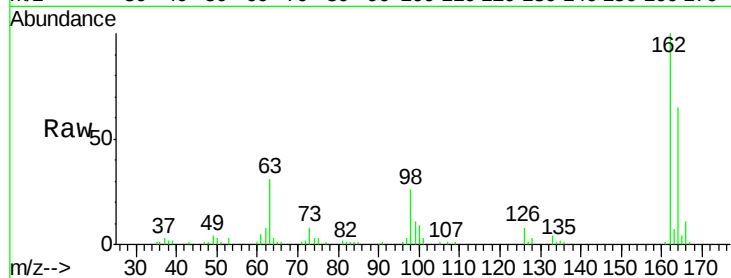




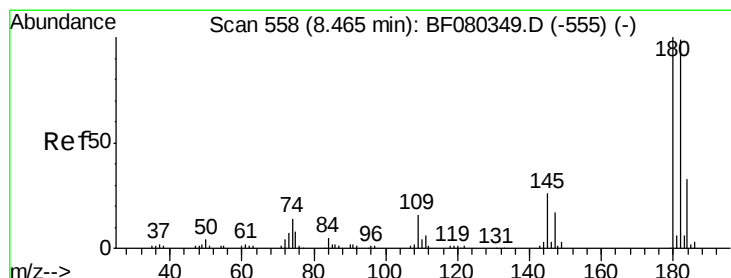
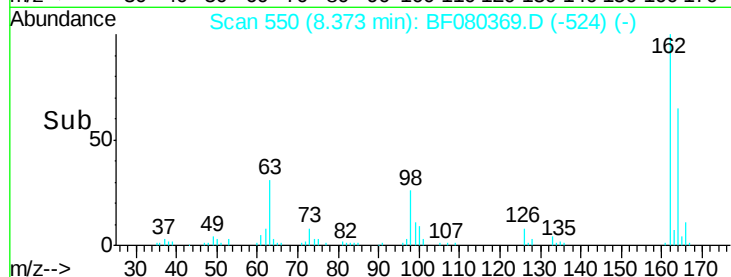
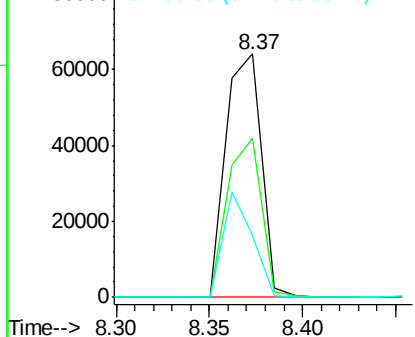
#29
 2,4-Dichlorophenol
 Concen: 45.66 ng
 RT: 8.37 min Scan# 550
 Delta R.T. 0.00 min
 Lab File: BF080369.D
 Acq: 7 Jul 2015 5:16

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-04-W-UM

Tgt Ion:162 Resp: 85485
 Ion Ratio Lower Upper
 162 100
 164 65.4 47.0 87.0
 98 25.5 6.6 46.6

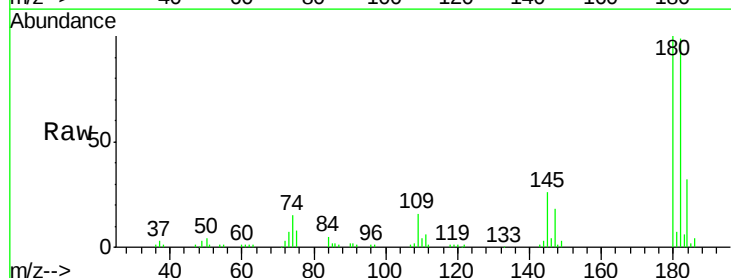


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

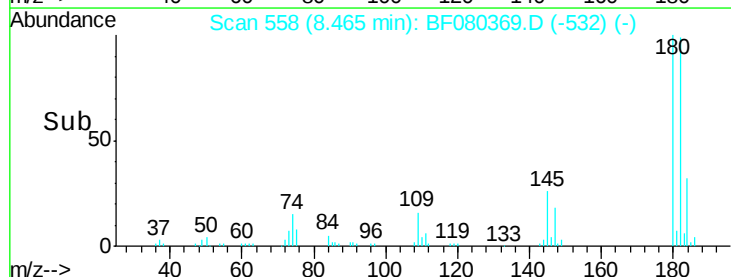
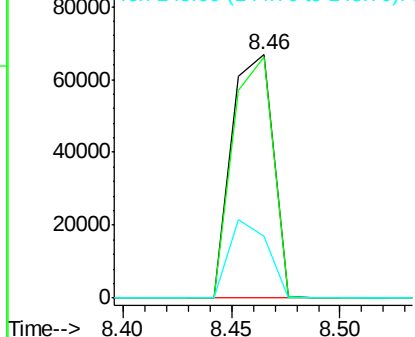


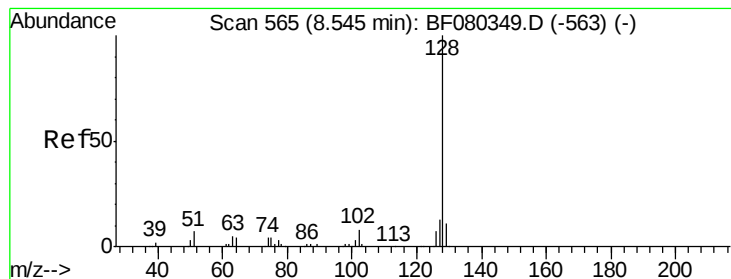
#30
 1,2,4-Trichlorobenzene
 Concen: 39.53 ng
 RT: 8.46 min Scan# 558
 Delta R.T. 0.00 min
 Lab File: BF080369.D
 Acq: 7 Jul 2015 5:16

Tgt Ion:180 Resp: 87945
 Ion Ratio Lower Upper
 180 100
 182 98.8 79.0 118.4
 145 25.6 20.5 30.7



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





#31

Naphthalene

Concen: 40.31 ng

RT: 8.54 min Scan# 565

Delta R.T. 0.00 min

Lab File: BF080369.D

Acq: 7 Jul 2015 5:16

Instrument :

BNA_F

ClientSampleId :

IDOC-04-W-UM

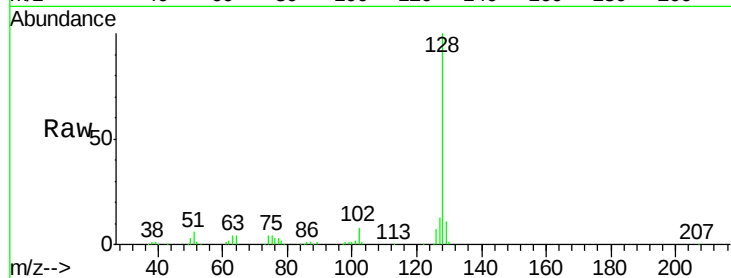
Tgt Ion:128 Resp: 297311

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

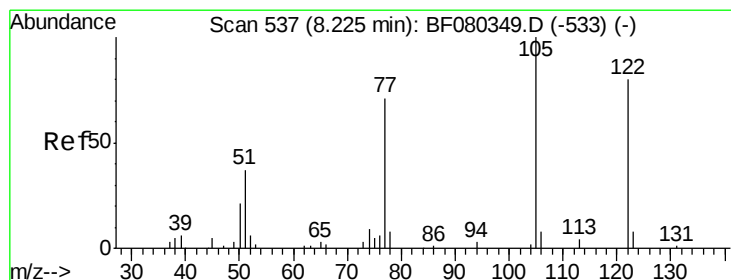
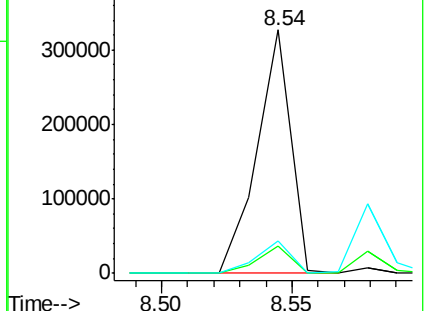
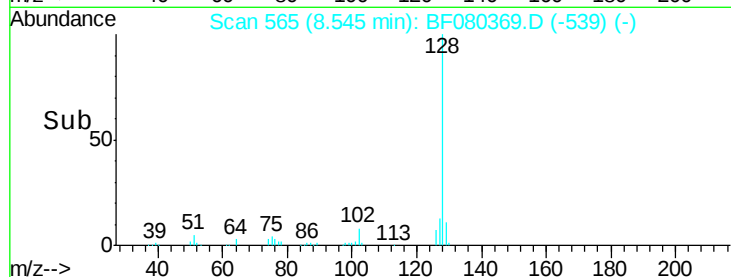
127 13.1 10.4 15.6



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: 49.24 ng

RT: 8.22 min Scan# 537

Delta R.T. 0.00 min

Lab File: BF080369.D

Acq: 7 Jul 2015 5:16

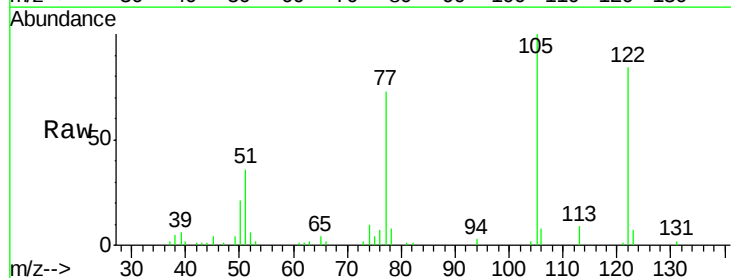
Tgt Ion:122 Resp: 56245

Ion Ratio Lower Upper

122 100

105 119.3 102.2 142.2

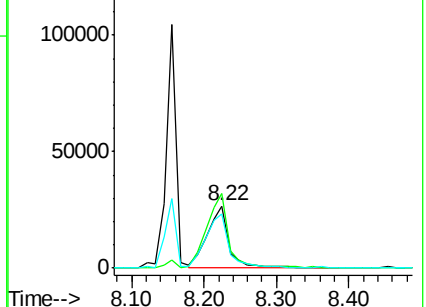
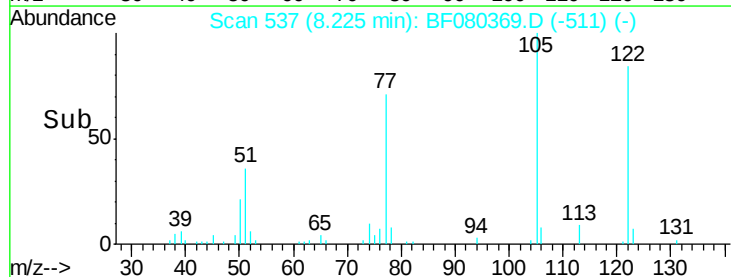
77 87.4 68.8 108.8

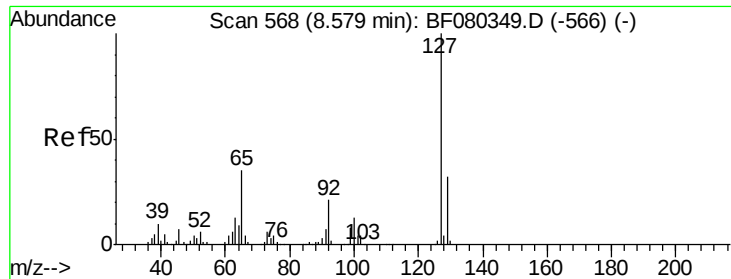


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

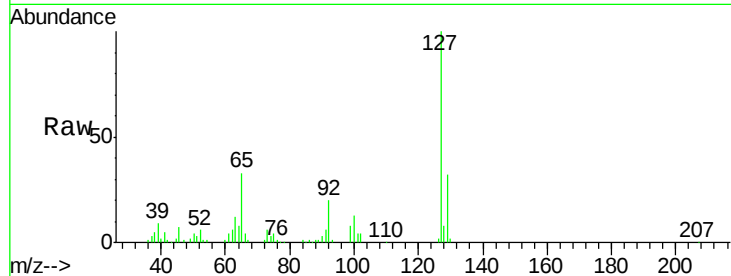




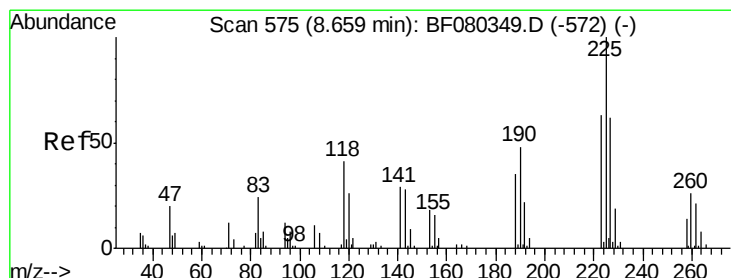
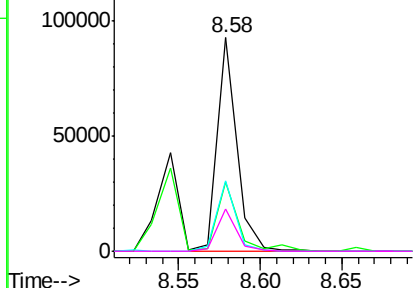
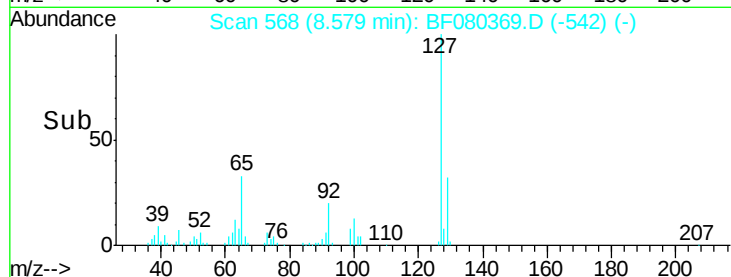
#33
4-Chloroaniline
Concen: 26.42 ng
RT: 8.58 min Scan# 568
Delta R.T. 0.00 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Instrument :
BNA_F
ClientSampleId :
IDOC-04-W-UM

Tgt Ion:	127	Resp:	77674
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.2	39.2
65	33.0	28.1	42.1
92	19.9	16.6	24.8

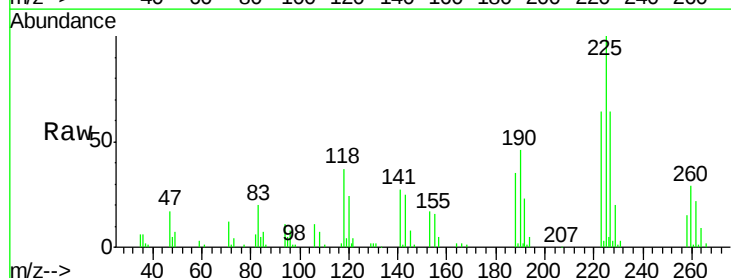


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

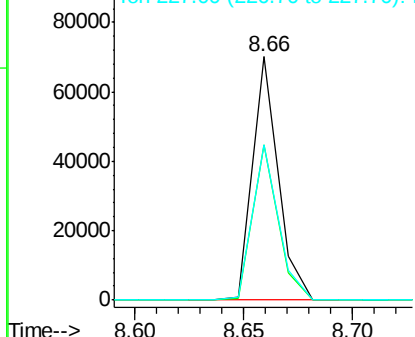
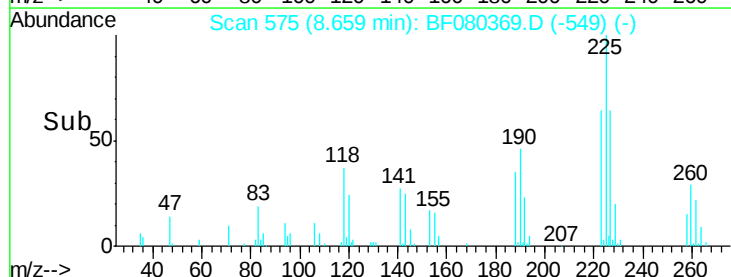


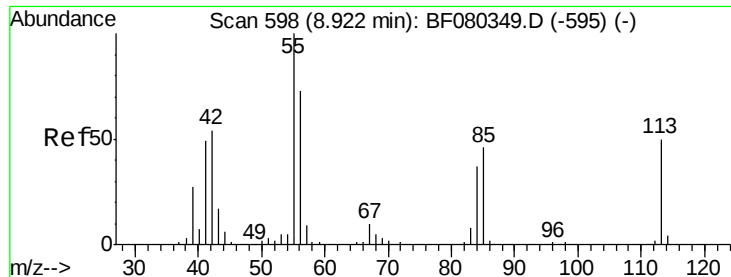
#34
Hexachlorobutadiene
Concen: 42.45 ng
RT: 8.66 min Scan# 575
Delta R.T. 0.00 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Tgt Ion:	225	Resp:	57464
Ion	Ratio	Lower	Upper
225	100		
223	64.0	50.3	75.5
227	63.6	49.4	74.2



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

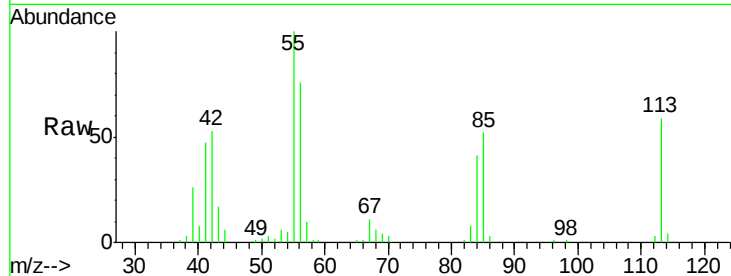




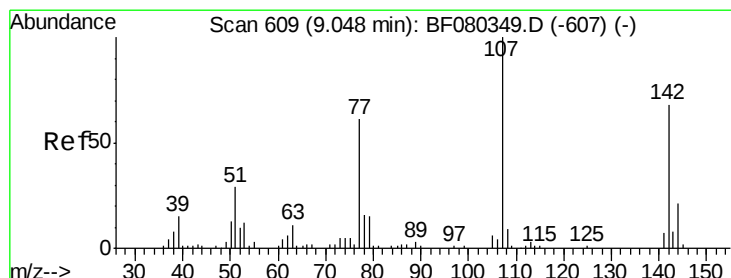
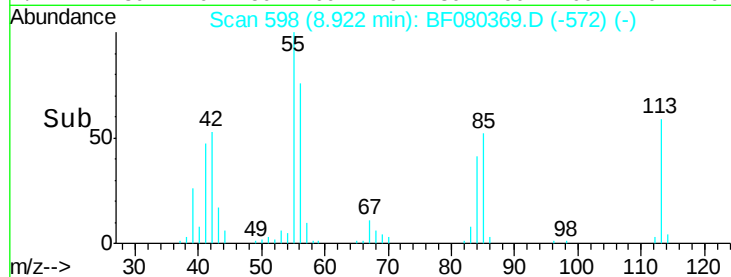
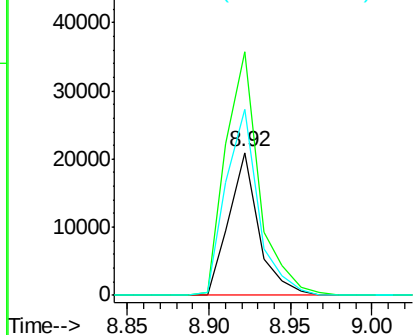
#35
 Caprolactam
 Concen: 45.59 ng
 RT: 8.92 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: BF080369.D
 Acq: 7 Jul 2015 5:16

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-04-W-UM

Tgt Ion:113 Resp: 26357
 Ion Ratio Lower Upper
 113 100
 55 170.1 181.4 221.4#
 56 129.7 127.3 167.3

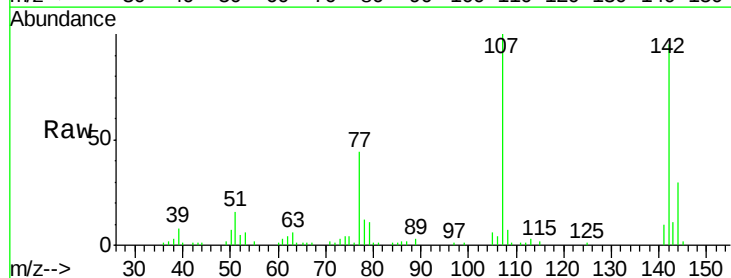


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

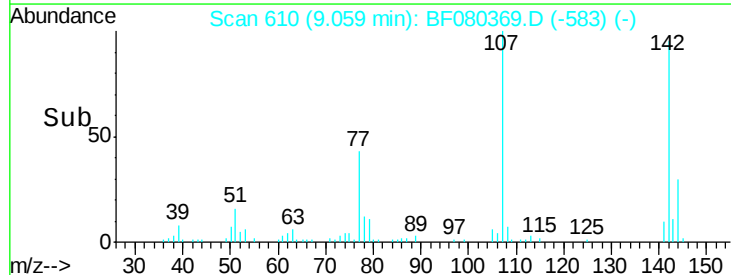
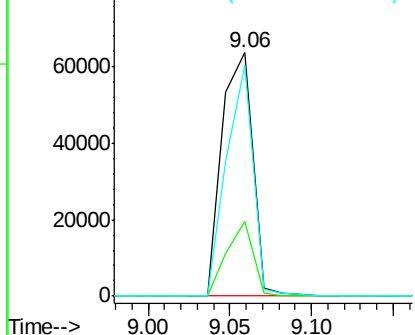


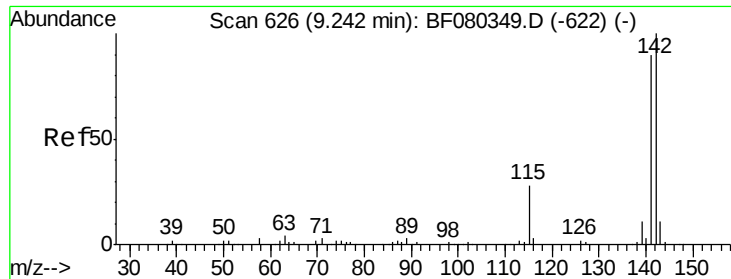
#36
 4-Chloro-3-methylphenol
 Concen: 42.78 ng
 RT: 9.06 min Scan# 610
 Delta R.T. 0.01 min
 Lab File: BF080369.D
 Acq: 7 Jul 2015 5:16

Tgt Ion:107 Resp: 82631
 Ion Ratio Lower Upper
 107 100
 144 30.4 16.7 25.1#
 142 94.5 54.4 81.6#



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

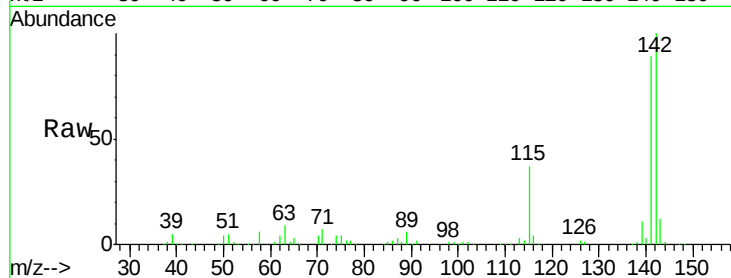




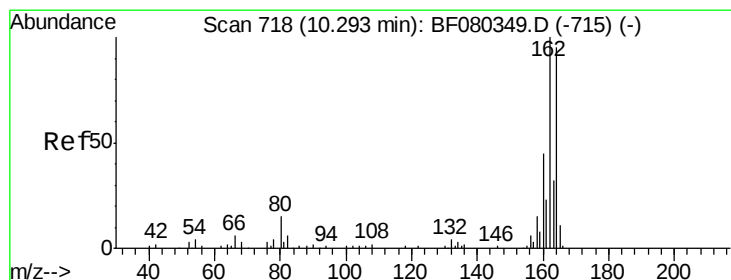
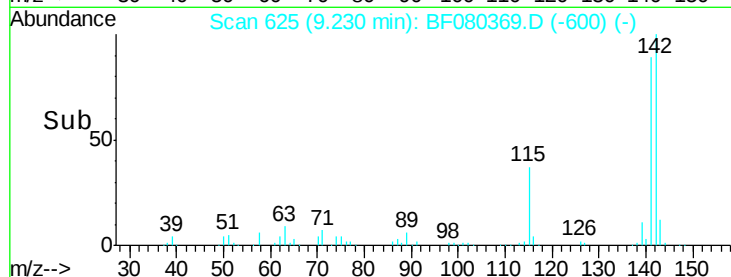
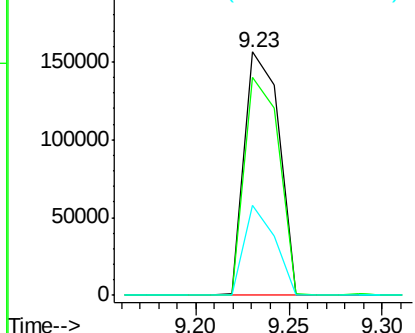
#37
 2-Methylnaphthalene
 Concen: 42.77 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF080369.D
 Acq: 7 Jul 2015 5:16

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-04-W-UM

Tgt Ion:142 Resp: 201143
 Ion Ratio Lower Upper
 142 100
 141 89.4 71.8 107.8
 115 36.9 22.6 34.0#

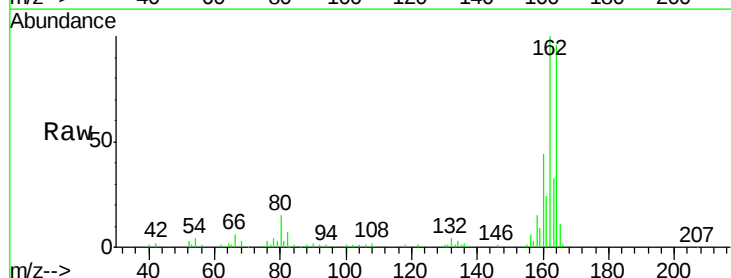


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

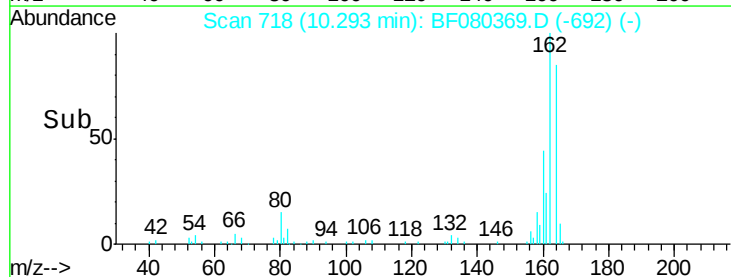
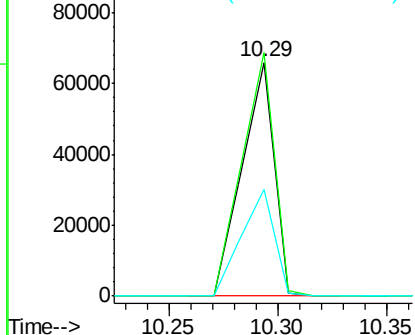


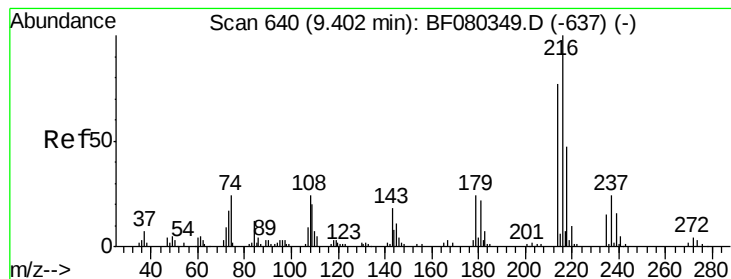
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.29 min Scan# 718
 Delta R.T. 0.00 min
 Lab File: BF080369.D
 Acq: 7 Jul 2015 5:16

Tgt Ion:164 Resp: 67530
 Ion Ratio Lower Upper
 164 100
 162 104.2 84.5 126.7
 160 45.7 37.7 56.5



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.58 ng

RT: 9.40 min Scan# 640

Delta R.T. 0.00 min

Lab File: BF080369.D

Acq: 7 Jul 2015 5:16

Instrument :

BNA_F

ClientSampleId :

IDOC-04-W-UM

Tgt Ion:216 Resp: 91142

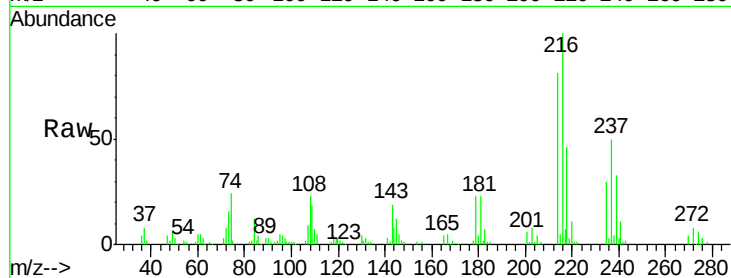
Ion Ratio Lower Upper

216 100

214 79.8 61.2 91.8

179 20.7 16.9 25.3

108 21.1 16.2 24.4

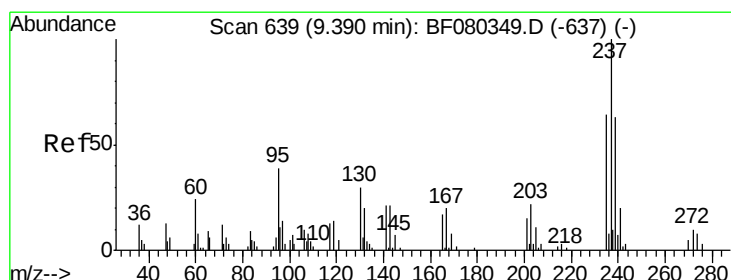
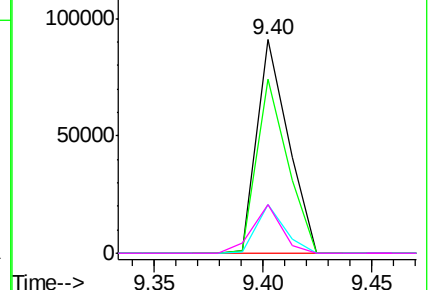
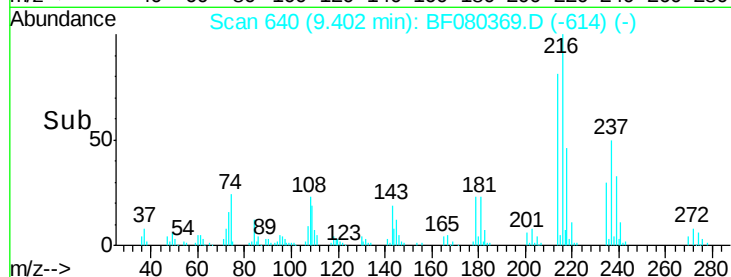


Abundance Ion 216.00 (215.70 to 216.70): E

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: 80.03 ng

RT: 9.39 min Scan# 639

Delta R.T. 0.00 min

Lab File: BF080369.D

Acq: 7 Jul 2015 5:16

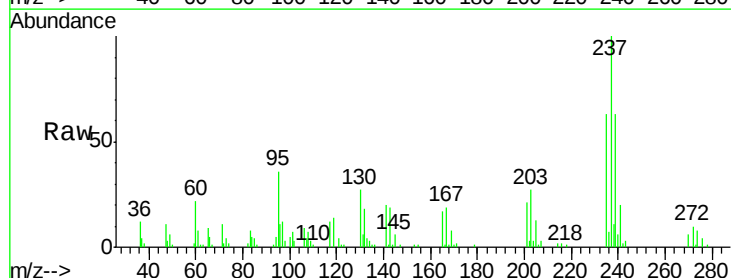
Tgt Ion:237 Resp: 71202

Ion Ratio Lower Upper

237 100

235 63.0 44.2 84.2

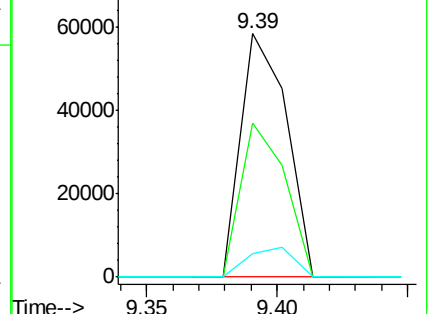
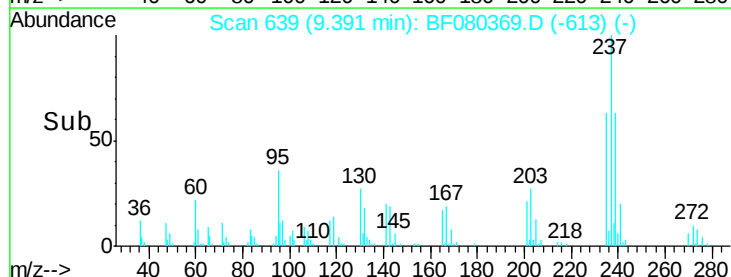
272 9.9 0.0 29.7

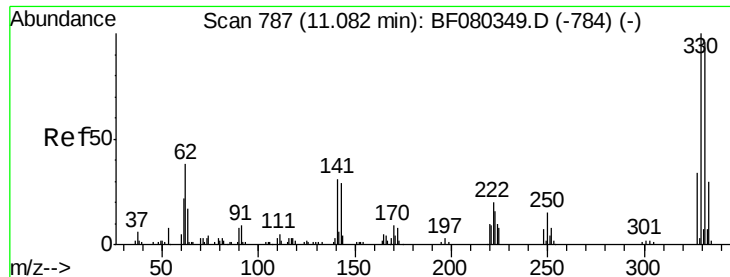


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

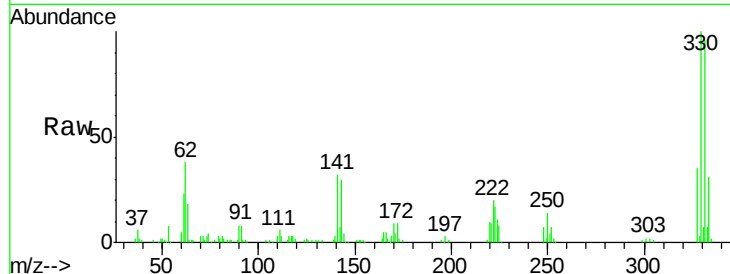




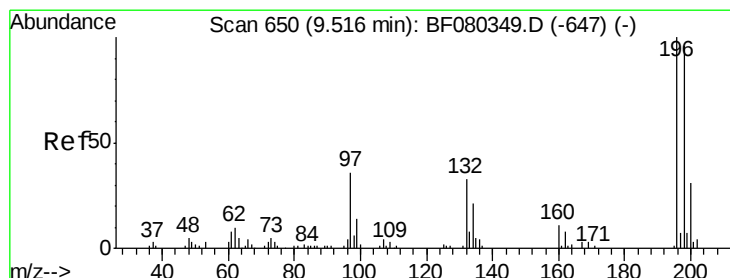
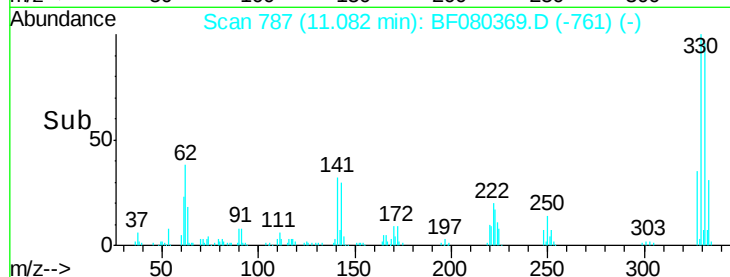
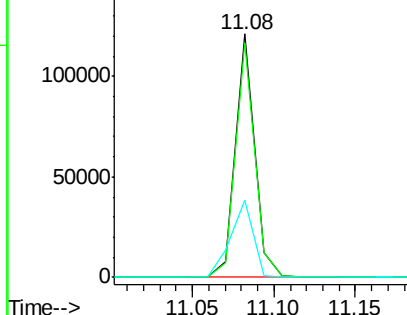
#41
 2,4,6-Tribromophenol
 Concen: 137.80 ng
 RT: 11.08 min Scan# 787
 Delta R.T. 0.00 min
 Lab File: BF080369.D
 Acq: 7 Jul 2015 5:16

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-04-W-UM

Tgt Ion:330 Resp: 97371
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.0 115.4
 141 37.3 29.6 44.4

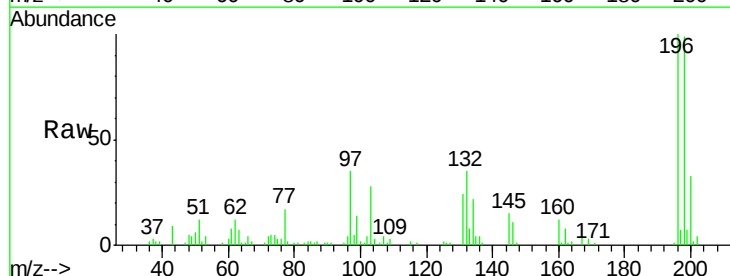


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

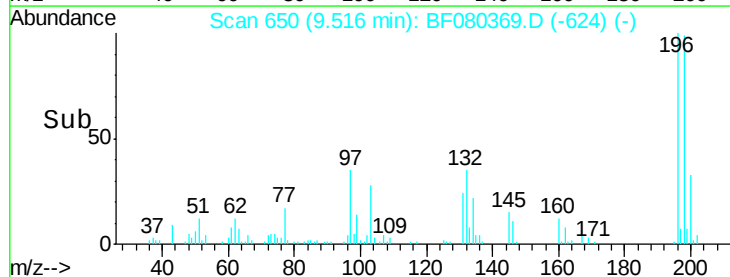
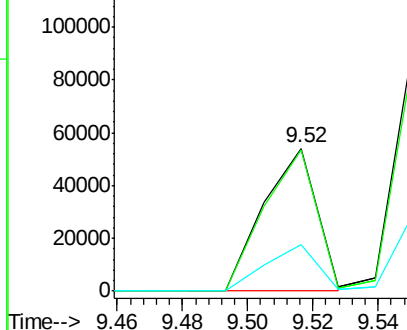


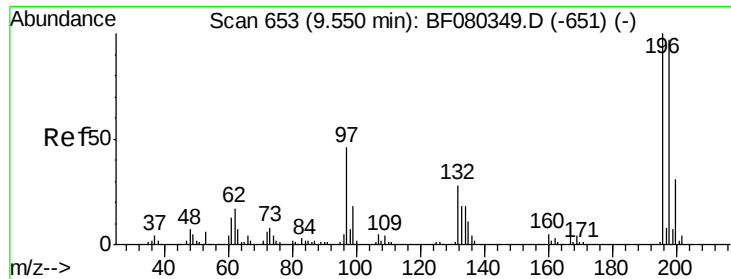
#42
 2,4,6-Trichlorophenol
 Concen: 43.40 ng
 RT: 9.52 min Scan# 650
 Delta R.T. 0.00 min
 Lab File: BF080369.D
 Acq: 7 Jul 2015 5:16

Tgt Ion:196 Resp: 61189
 Ion Ratio Lower Upper
 196 100
 198 99.3 76.4 114.6
 200 32.7 24.6 37.0



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

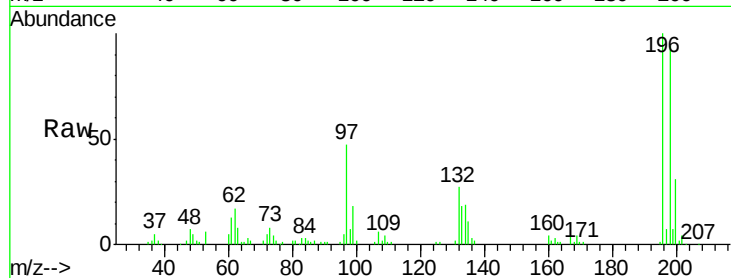




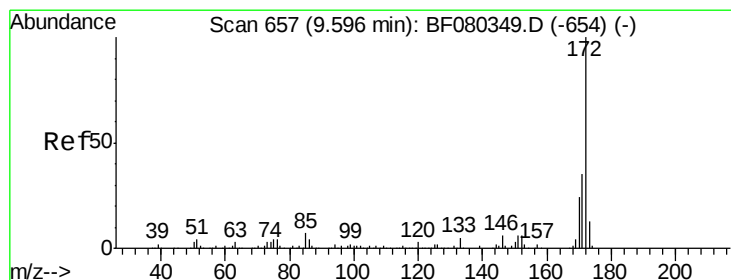
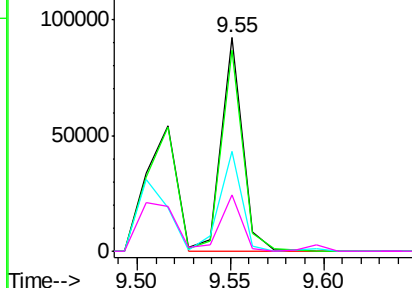
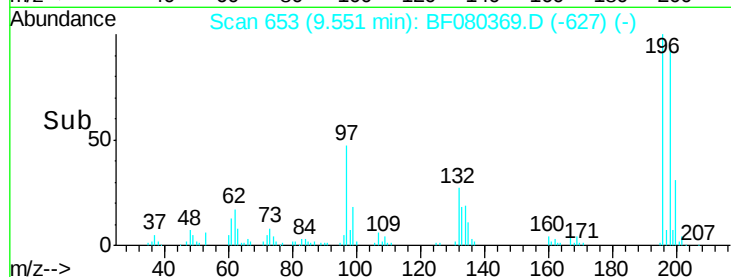
#43
 2,4,5-Trichlorophenol
 Concen: 44.59 ng
 RT: 9.55 min Scan# 653
 Delta R.T. 0.00 min
 Lab File: BF080369.D
 Acq: 7 Jul 2015 5:16

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-04-W-UM

Tgt Ion:196 Resp: 73276
 Ion Ratio Lower Upper
 196 100
 198 94.2 77.2 115.8
 97 47.0 37.0 55.6
 132 26.5 22.2 33.2

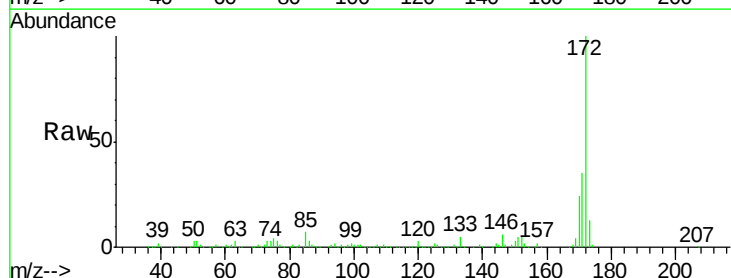


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

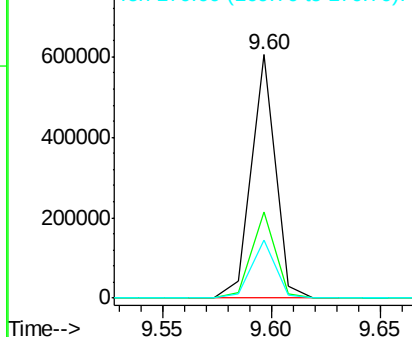
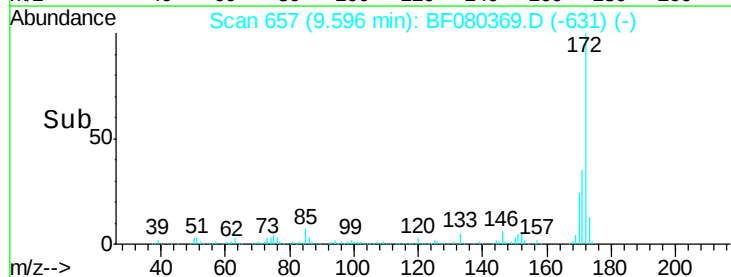


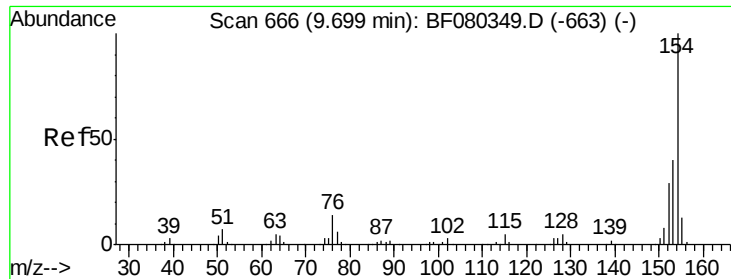
#44
 2-Fluorobiphenyl
 Concen: 93.06 ng
 RT: 9.60 min Scan# 657
 Delta R.T. 0.00 min
 Lab File: BF080369.D
 Acq: 7 Jul 2015 5:16

Tgt Ion:172 Resp: 465672
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.3 42.5
 170 23.8 19.1 28.7



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

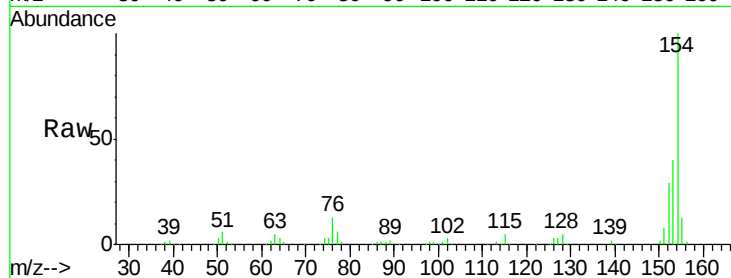




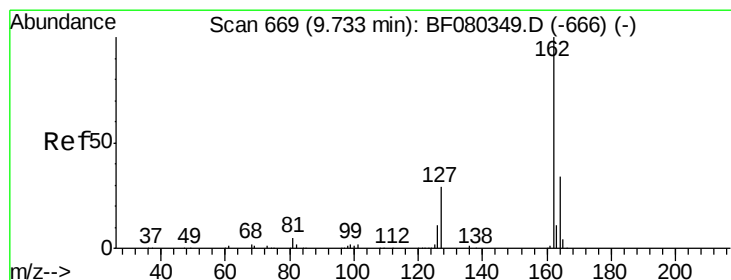
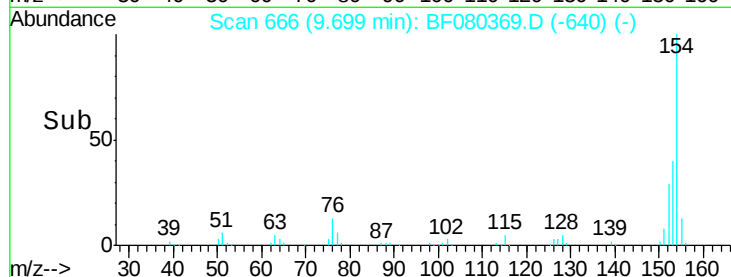
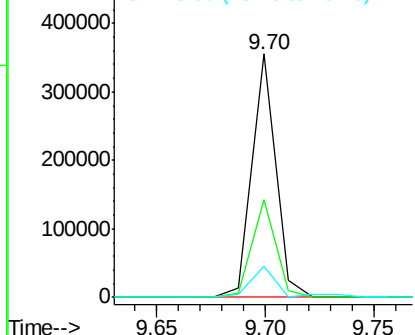
#45
 1,1'-Biphenyl
 Concen: 45.12 ng
 RT: 9.70 min Scan# 666
 Delta R.T. 0.00 min
 Lab File: BF080369.D
 Acq: 7 Jul 2015 5:16

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-04-W-UM

Tgt Ion:154 Resp: 270425
 Ion Ratio Lower Upper
 154 100
 153 40.1 19.8 59.8
 76 12.6 0.0 33.6

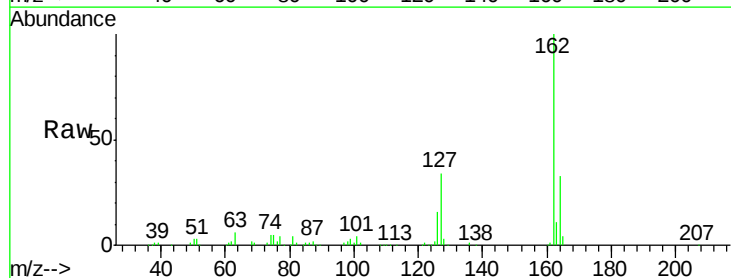


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

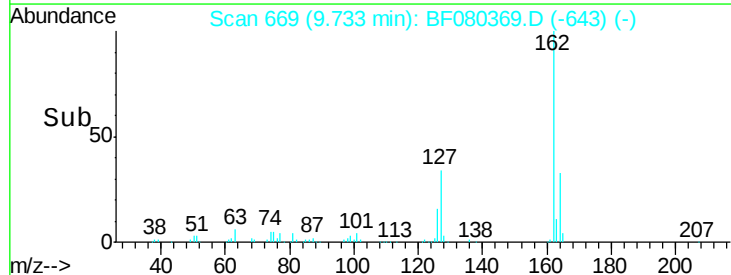
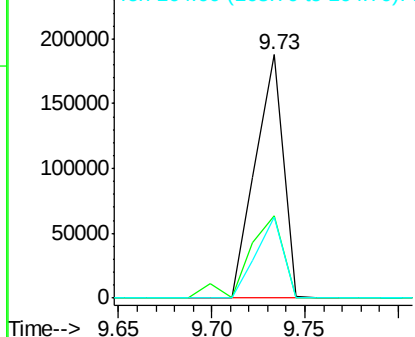


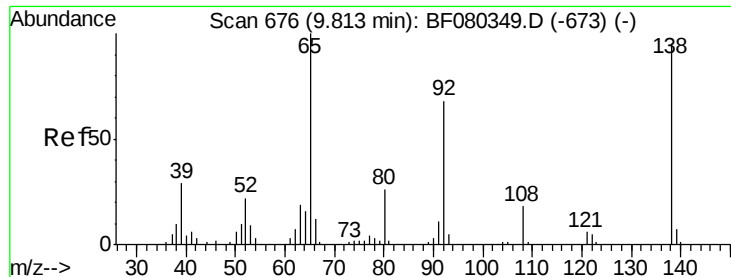
#46
 2-Chloronaphthalene
 Concen: 42.42 ng
 RT: 9.73 min Scan# 669
 Delta R.T. 0.00 min
 Lab File: BF080369.D
 Acq: 7 Jul 2015 5:16

Tgt Ion:162 Resp: 193885
 Ion Ratio Lower Upper
 162 100
 127 33.7 27.3 40.9
 164 33.5 27.2 40.8



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

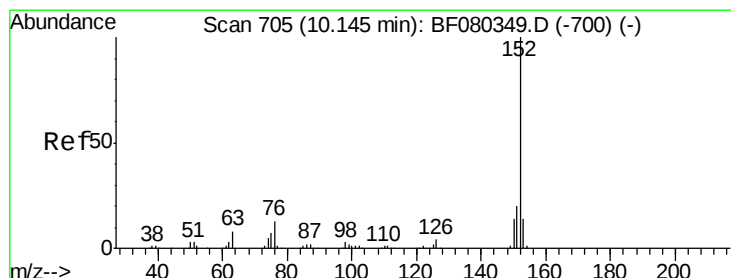
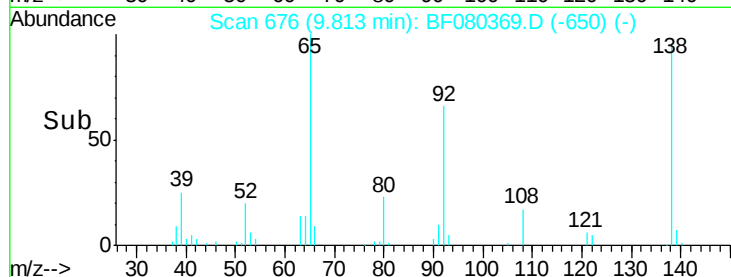
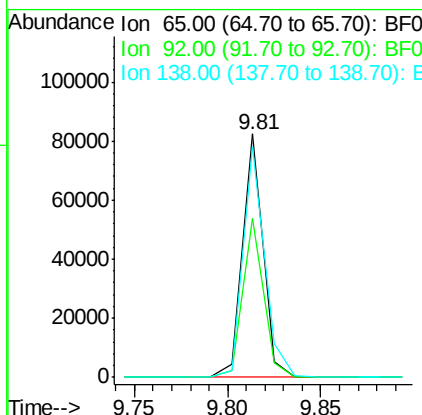
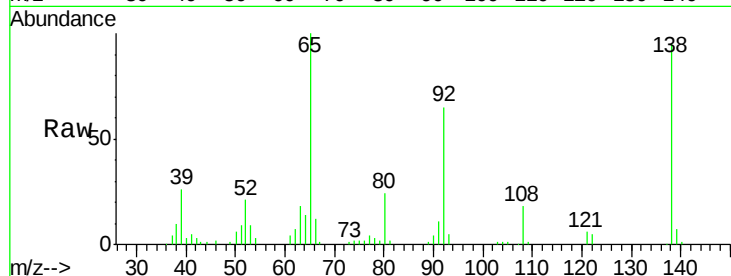




#47
 2-Nitroaniline
 Concen: 49.74 ng
 RT: 9.81 min Scan# 676
 Delta R.T. 0.00 min
 Lab File: BF080369.D
 Acq: 7 Jul 2015 5:16

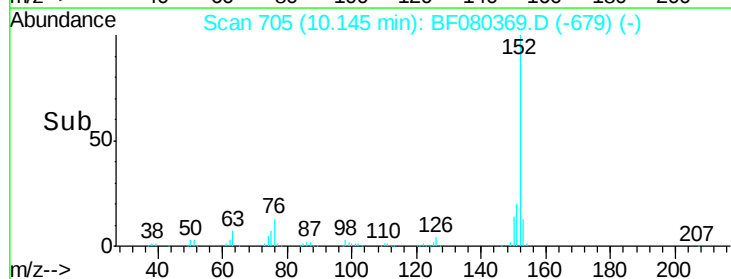
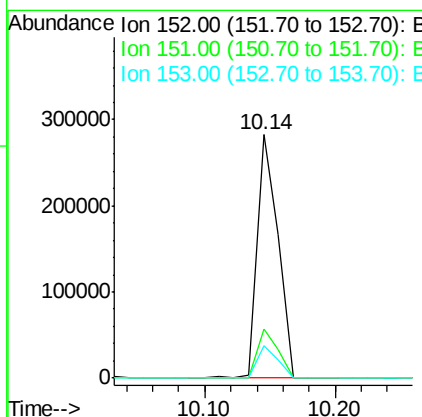
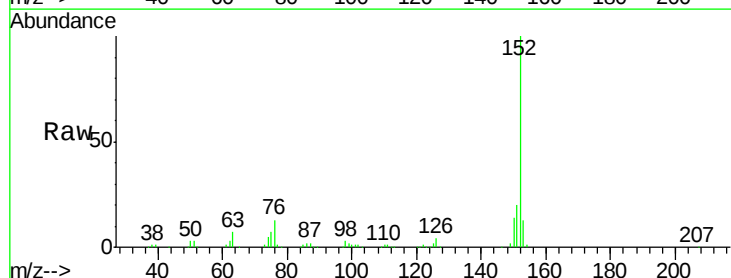
Instrument :
 BNA_F
 ClientSampleId :
 IDOC-04-W-UM

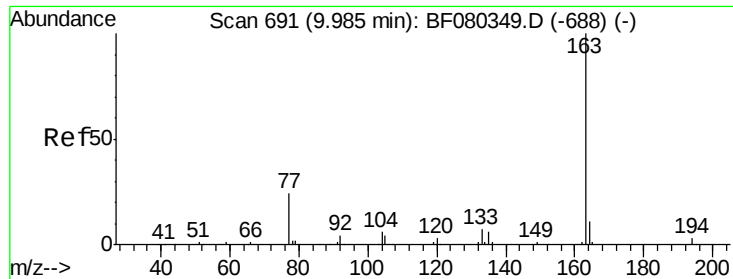
Tgt Ion: 65 Resp: 63614
 Ion Ratio Lower Upper
 65 100
 92 65.5 54.2 81.2
 138 94.6 76.1 114.1



#48
 Acenaphthylene
 Concen: 41.00 ng
 RT: 10.14 min Scan# 705
 Delta R.T. 0.00 min
 Lab File: BF080369.D
 Acq: 7 Jul 2015 5:16

Tgt Ion: 152 Resp: 311872
 Ion Ratio Lower Upper
 152 100
 151 20.0 16.3 24.5
 153 13.5 11.0 16.4

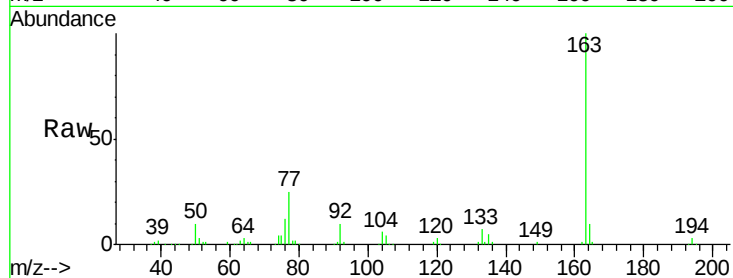




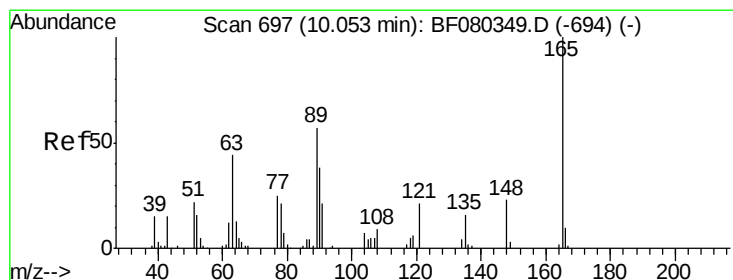
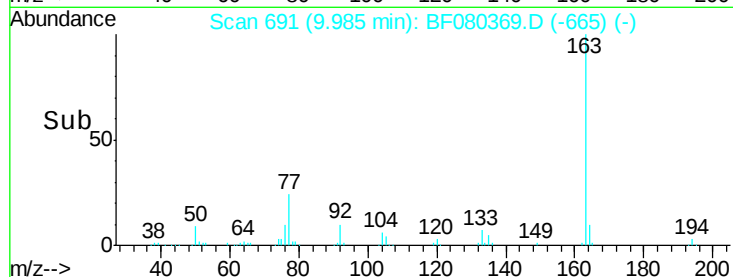
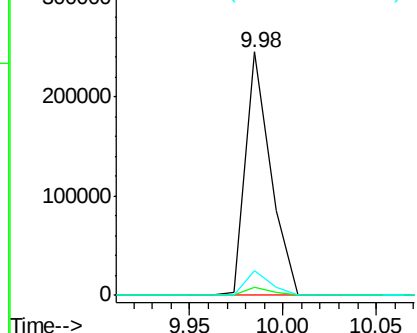
#49
Dimethylphthalate
Concen: 42.31 ng
RT: 9.98 min Scan# 691
Delta R.T. 0.00 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Instrument :
BNA_F
ClientSampleId :
IDOC-04-W-UM

Tgt Ion:163 Resp: 229397
Ion Ratio Lower Upper
163 100
194 3.1 2.6 3.8
164 10.4 8.5 12.7

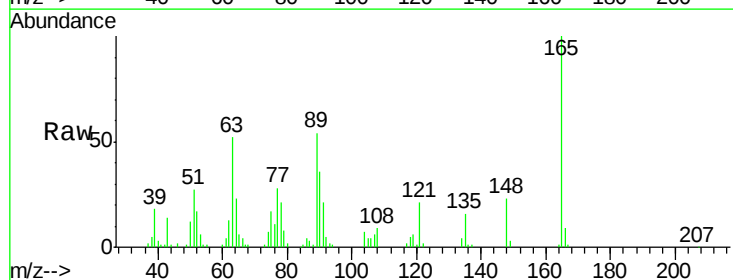


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

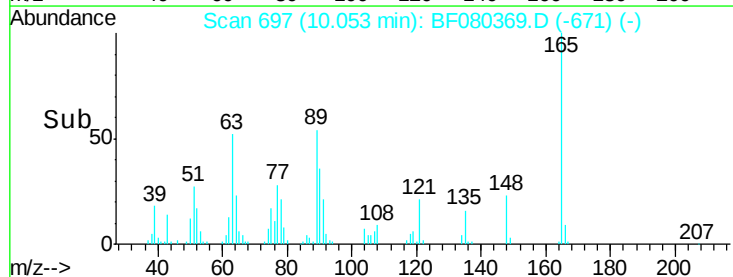
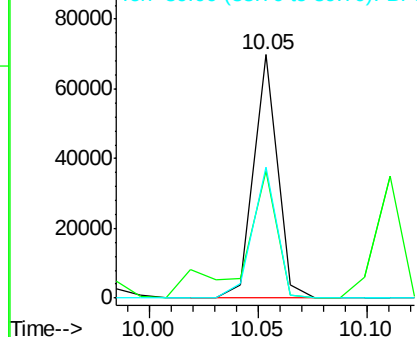


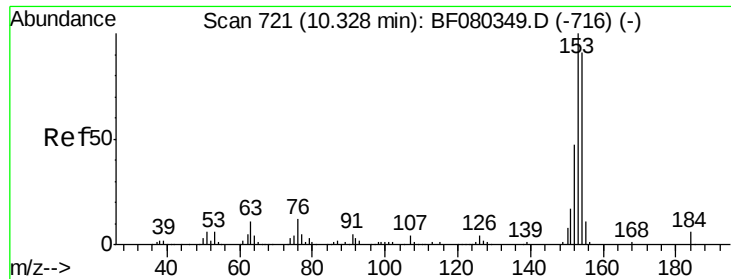
#50
2,6-Dinitrotoluene
Concen: 46.87 ng
RT: 10.05 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Tgt Ion:165 Resp: 53129
Ion Ratio Lower Upper
165 100
63 52.2 44.8 67.2
89 53.7 45.9 68.9



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 44.61 ng

RT: 10.33 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF080369.D

Acq: 7 Jul 2015 5:16

Instrument :

BNA_F

ClientSampleId :

IDOC-04-W-UM

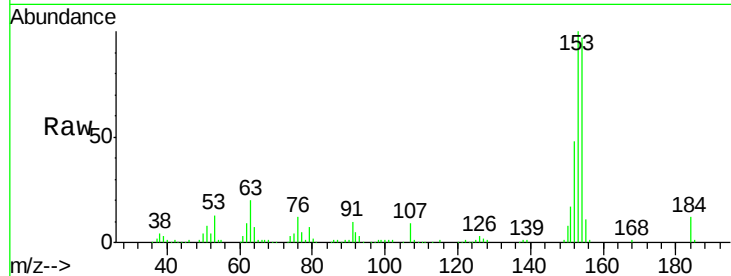
Tgt Ion:154 Resp: 203153

Ion Ratio Lower Upper

154 100

153 103.3 88.1 132.1

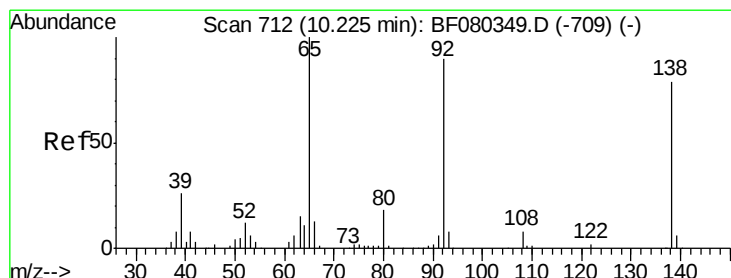
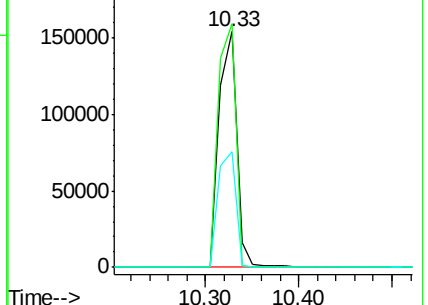
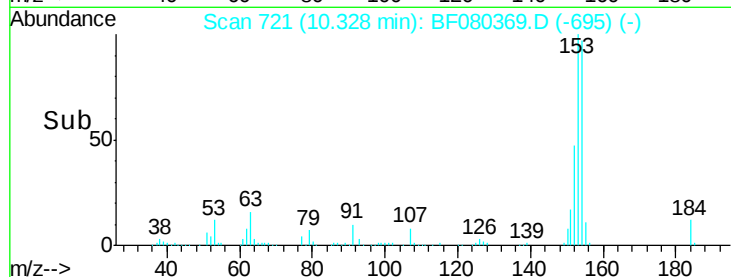
152 49.3 41.8 62.6



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: 33.15 ng

RT: 10.22 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF080369.D

Acq: 7 Jul 2015 5:16

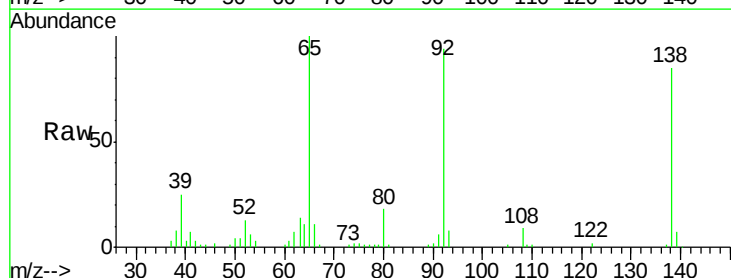
Tgt Ion:138 Resp: 42343

Ion Ratio Lower Upper

138 100

108 10.2 7.8 11.8

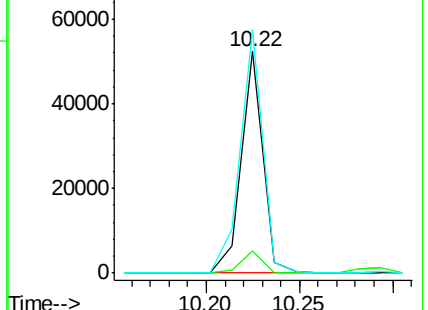
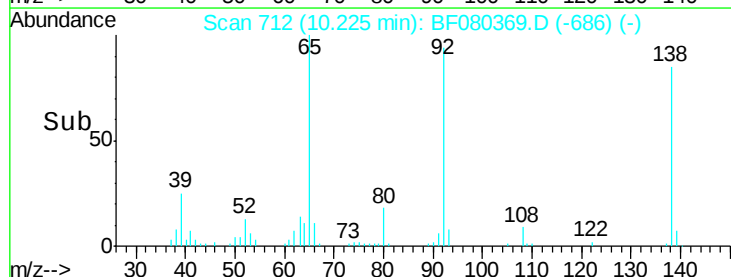
92 109.8 91.0 136.6

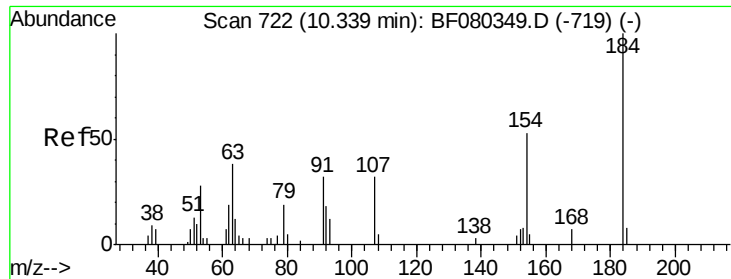


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

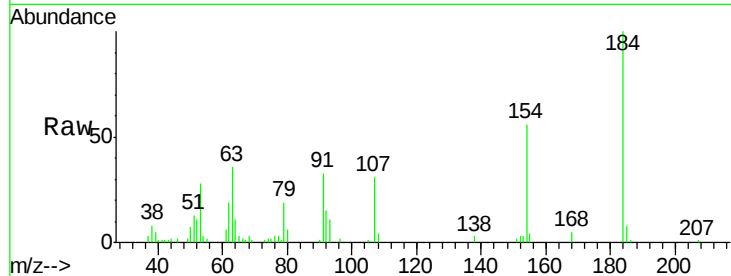




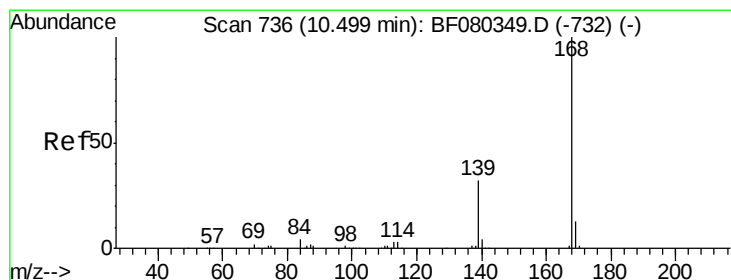
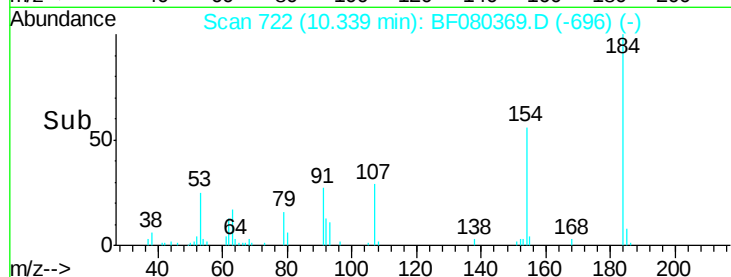
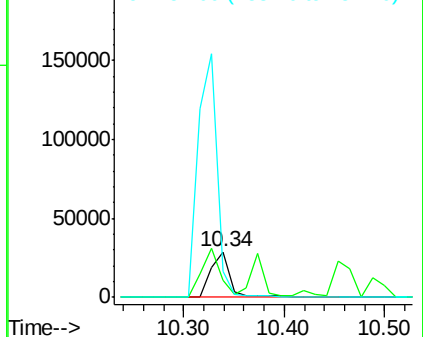
#53
2,4-Dinitrophenol
Concen: 79.59 ng
RT: 10.34 min Scan# 722
Delta R.T. 0.00 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Instrument :
BNA_F
ClientSampleId :
IDOC-04-W-UM

Tgt Ion:184 Resp: 39231
Ion Ratio Lower Upper
184 100
63 36.4 30.6 46.0
154 55.8 45.3 67.9

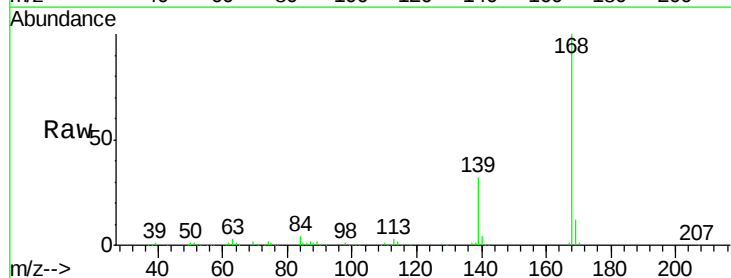


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

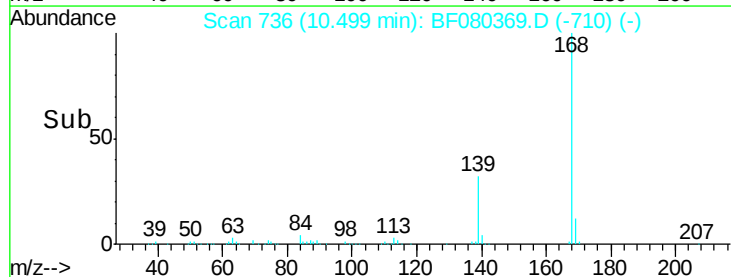
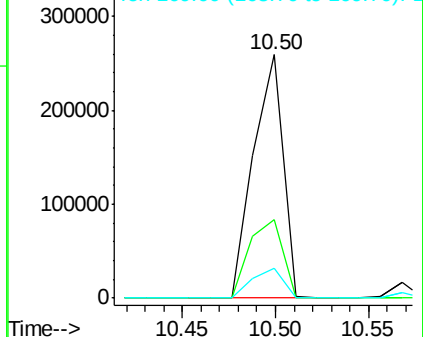


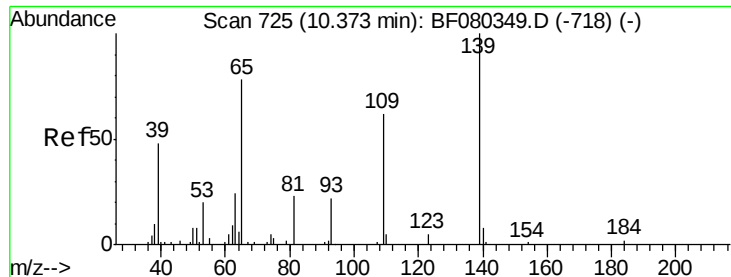
#54
Dibenzofuran
Concen: 43.85 ng
RT: 10.50 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Tgt Ion:168 Resp: 283917
Ion Ratio Lower Upper
168 100
139 32.0 25.9 38.9
169 12.5 10.3 15.5



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

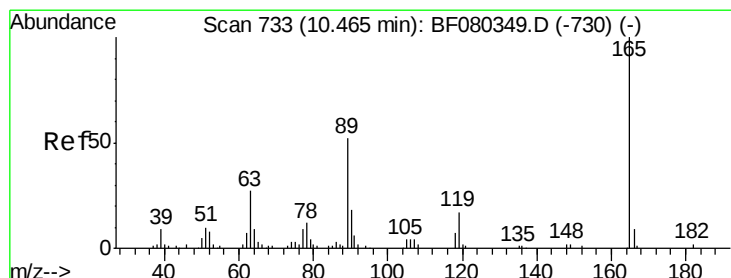
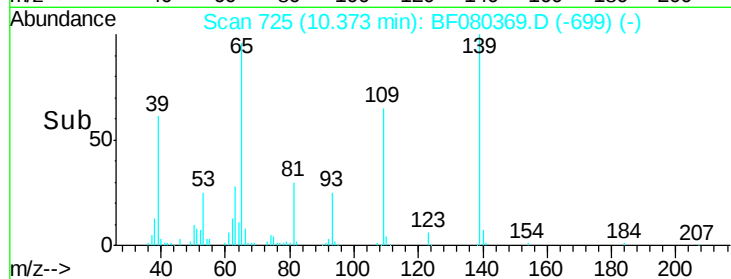
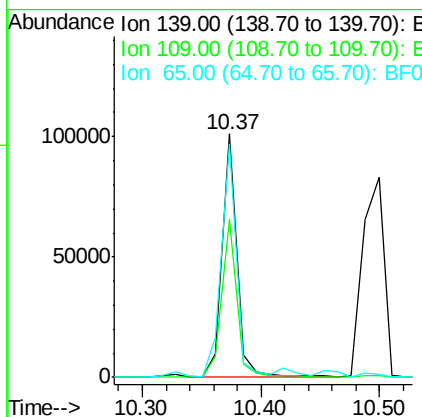
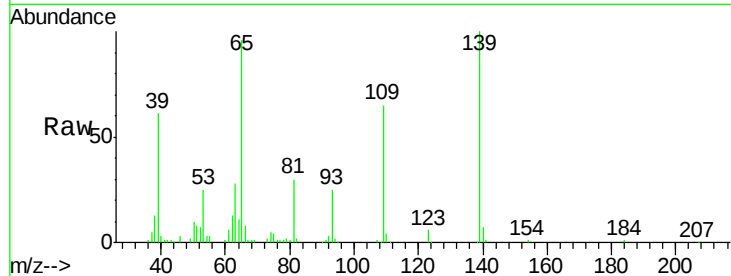




#55
4-Nitrophenol
Concen: 92.92 ng
RT: 10.37 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

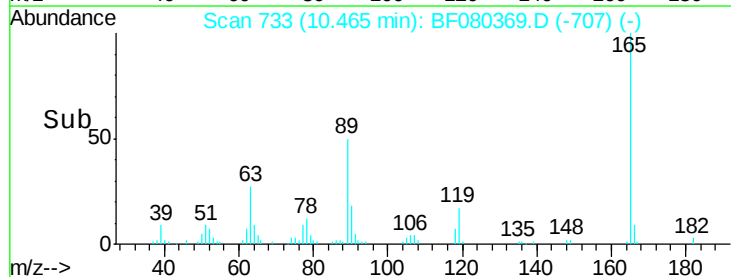
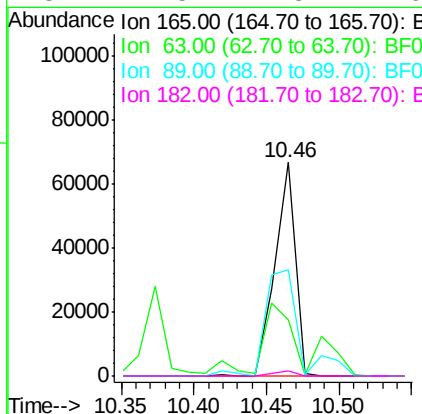
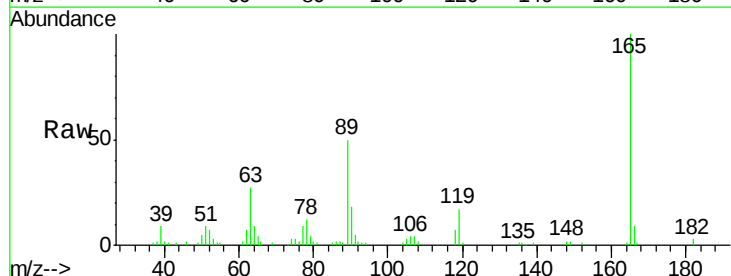
Instrument :
BNA_F
ClientSampleId :
IDOC-04-W-UM

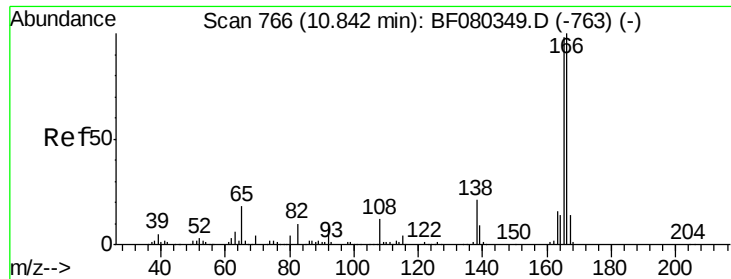
Tgt Ion:139 Resp: 86992
Ion Ratio Lower Upper
139 100
109 65.0 42.3 82.3
65 96.0 58.5 98.5



#56
2,4-Dinitrotoluene
Concen: 44.60 ng
RT: 10.46 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Tgt Ion:165 Resp: 65014
Ion Ratio Lower Upper
165 100
63 26.6 21.8 32.8
89 49.7 41.3 61.9
182 2.5 1.8 2.6





#57

Fluorene

Concen: 43.32 ng

RT: 10.84 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF080369.D

Acq: 7 Jul 2015 5:16

Instrument :

BNA_F

ClientSampleId :

IDOC-04-W-UM

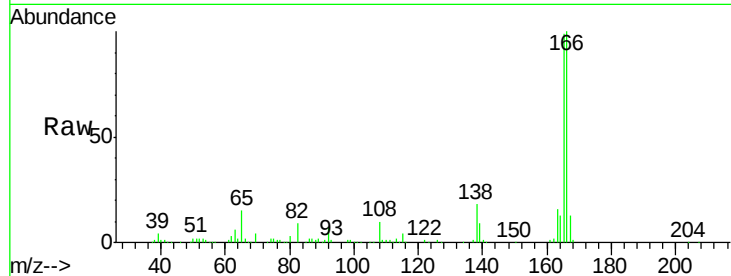
Tgt Ion:166 Resp: 241540

Ion Ratio Lower Upper

166 100

165 99.5 78.6 117.8

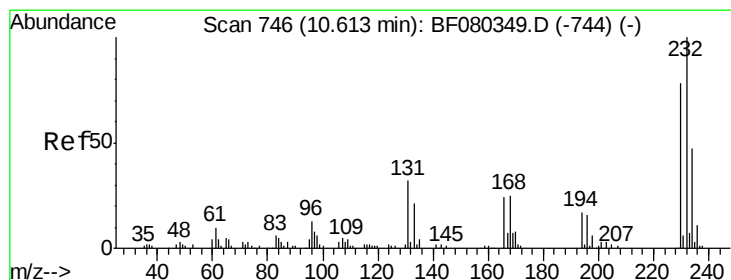
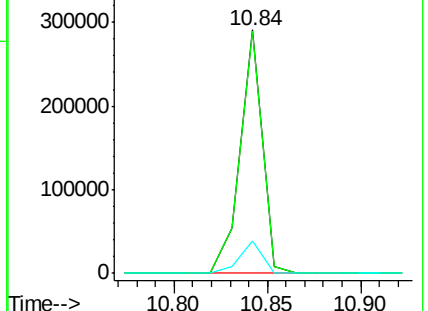
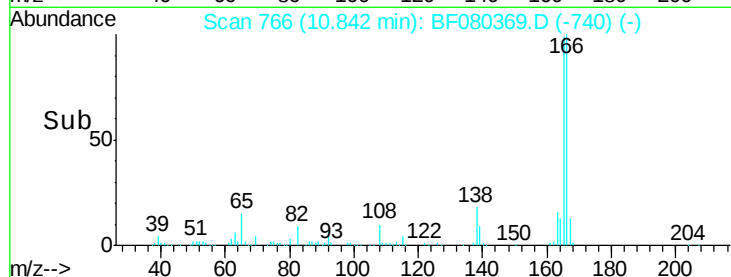
167 13.2 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.46 ng

RT: 10.61 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF080369.D

Acq: 7 Jul 2015 5:16

Tgt Ion:232 Resp: 57210

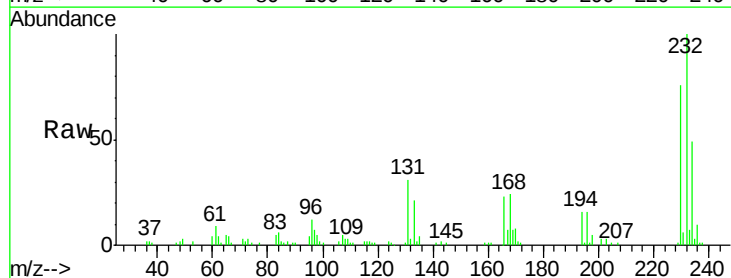
Ion Ratio Lower Upper

232 100

131 41.9 33.4 50.2

130 2.0 1.8 2.6

166 27.3 22.1 33.1

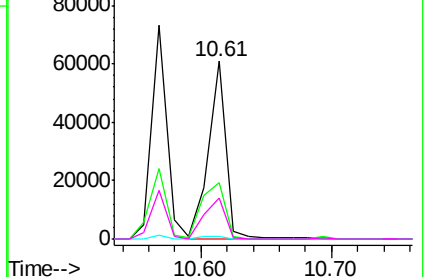
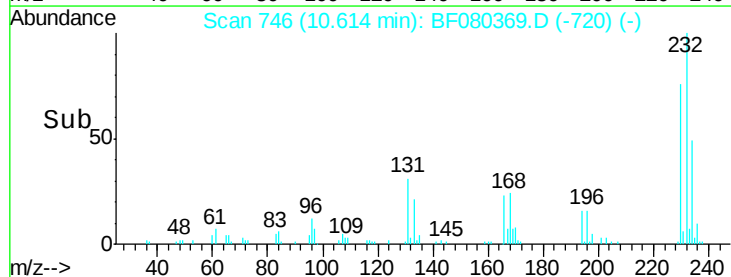


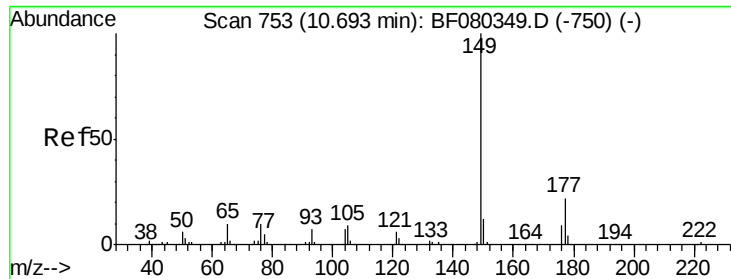
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

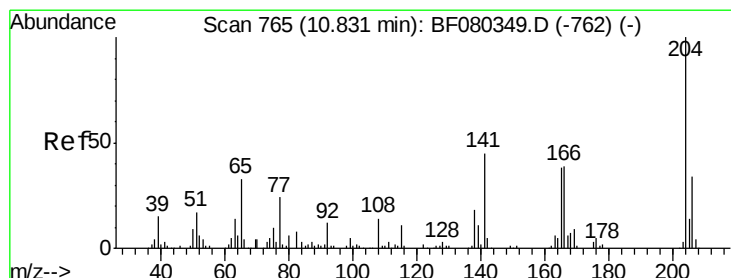
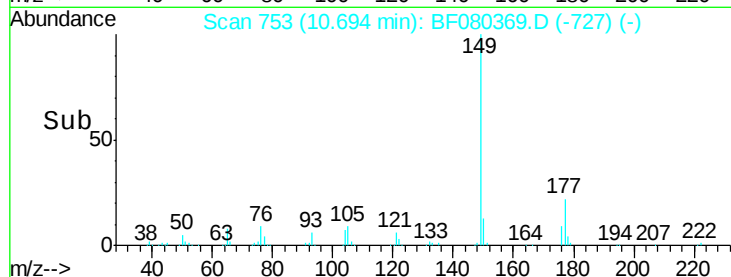
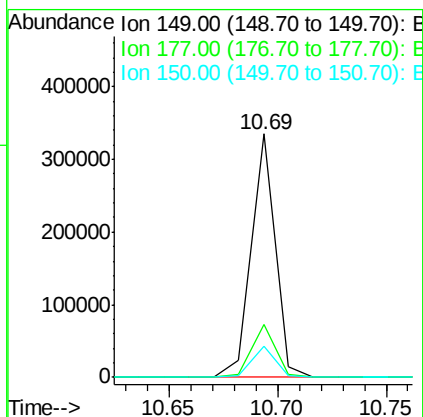
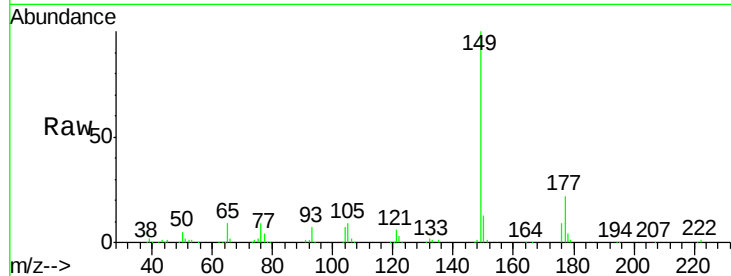




#59
Diethylphthalate
Concen: 47.42 ng
RT: 10.69 min Scan# 753
Delta R.T. 0.00 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

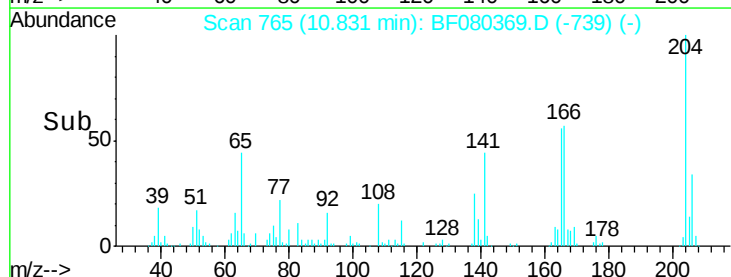
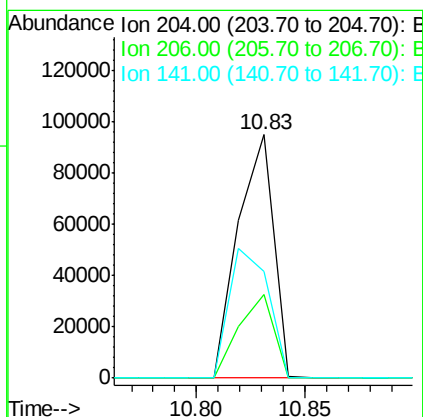
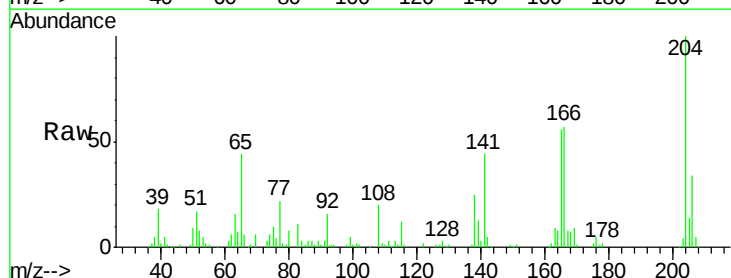
Instrument :
BNA_F
ClientSampleId :
IDOC-04-W-UM

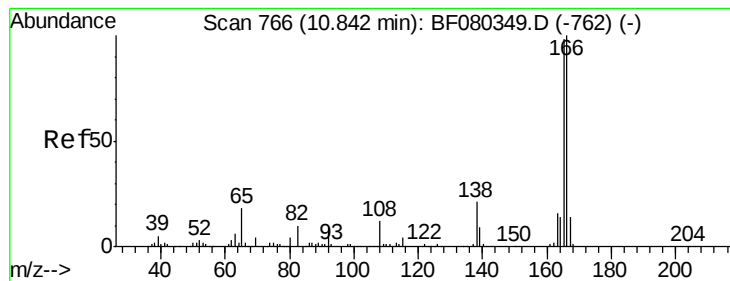
Tgt Ion:149 Resp: 256824
Ion Ratio Lower Upper
149 100
177 21.9 17.6 26.4
150 12.7 10.0 15.0



#60
4-Chlorophenyl-phenylether
Concen: 43.63 ng
RT: 10.83 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Tgt Ion:204 Resp: 107652
Ion Ratio Lower Upper
204 100
206 34.1 27.2 40.8
141 44.0 35.9 53.9





#61

4-Nitroaniline

Concen: 44.60 ng

RT: 10.84 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF080369.D

Acq: 7 Jul 2015 5:16

Instrument :

BNA_F

ClientSampleId :

IDOC-04-W-UM

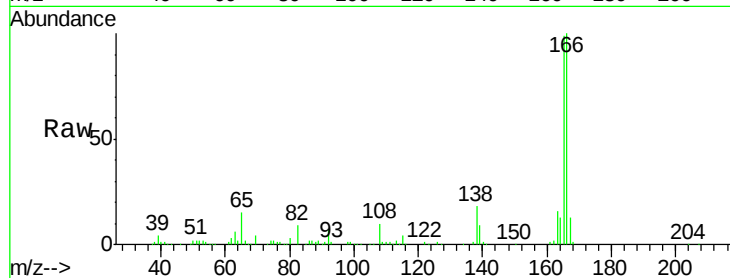
Tgt Ion:138 Resp: 55296

Ion Ratio Lower Upper

138 100

92 38.1 21.0 61.0

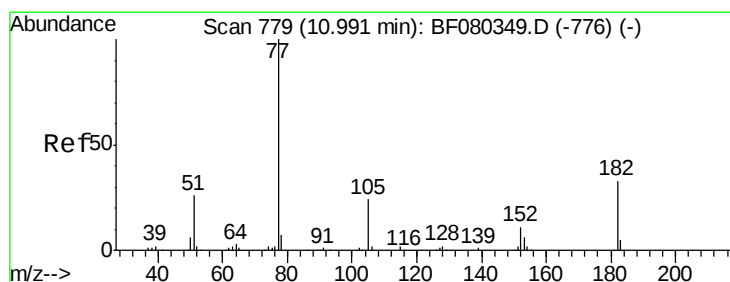
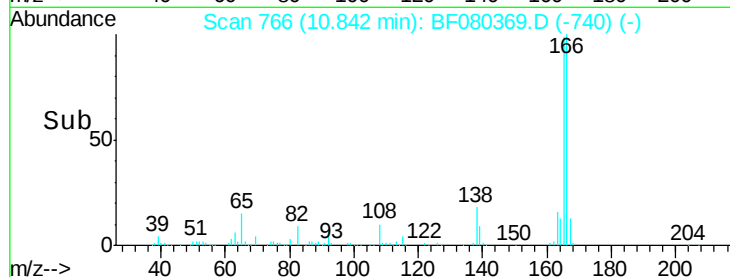
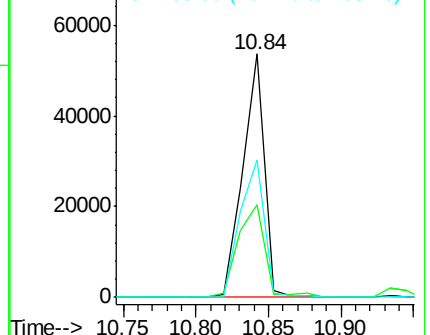
108 56.4 38.4 78.4



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: 43.48 ng

RT: 10.99 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF080369.D

Acq: 7 Jul 2015 5:16

Tgt Ion: 77 Resp: 223671

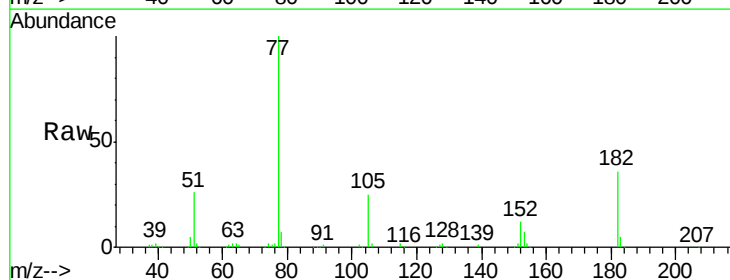
Ion Ratio Lower Upper

77 100

182 35.8 13.2 53.2

105 25.2 4.3 44.3

51 26.4 6.3 46.3

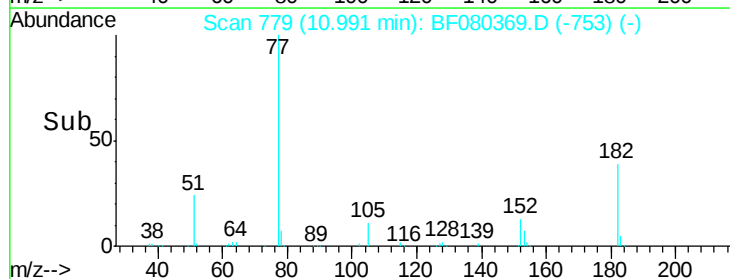
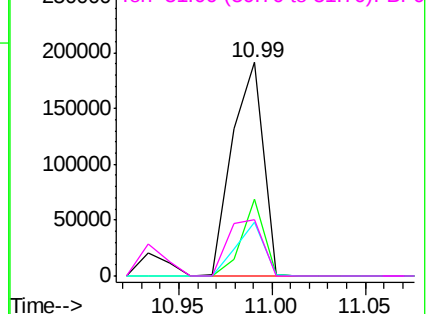


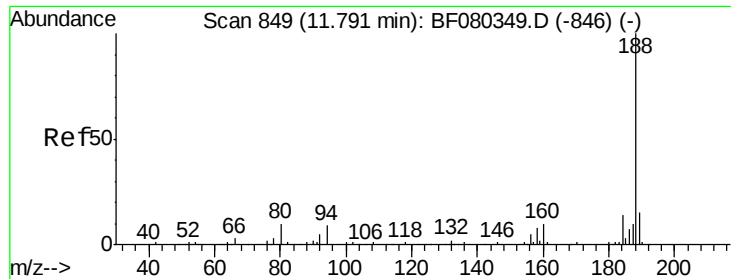
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.79 min Scan# 849

Delta R.T. 0.00 min

Lab File: BF080369.D

Acq: 7 Jul 2015 5:16

Instrument :

BNA_F

ClientSampleId :

IDOC-04-W-UM

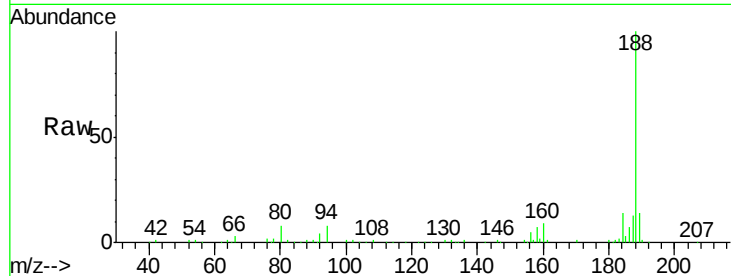
Tgt Ion:188 Resp: 148511

Ion Ratio Lower Upper

188 100

94 7.6 7.5 11.3

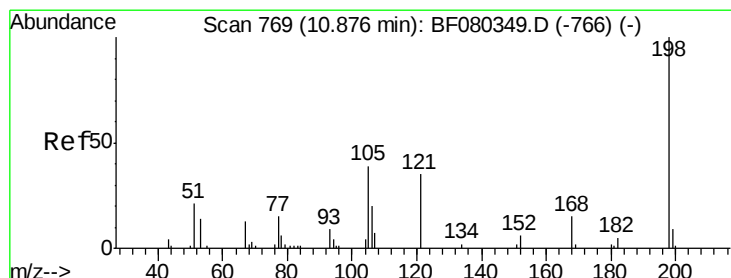
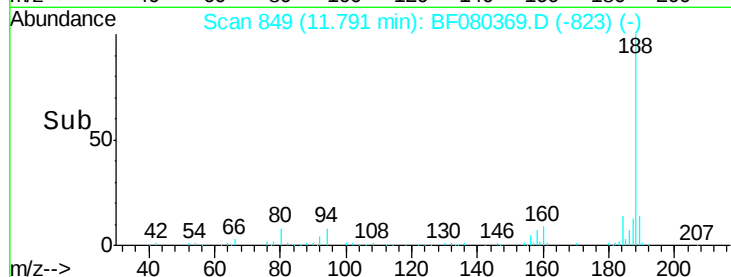
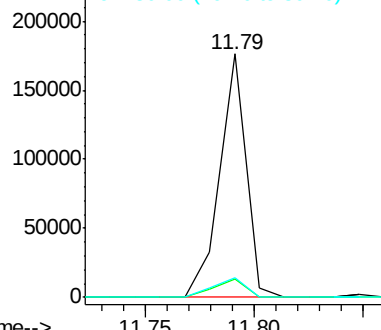
80 7.9 8.3 12.5#



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: 36.86 ng

RT: 10.88 min Scan# 769

Delta R.T. 0.00 min

Lab File: BF080369.D

Acq: 7 Jul 2015 5:16

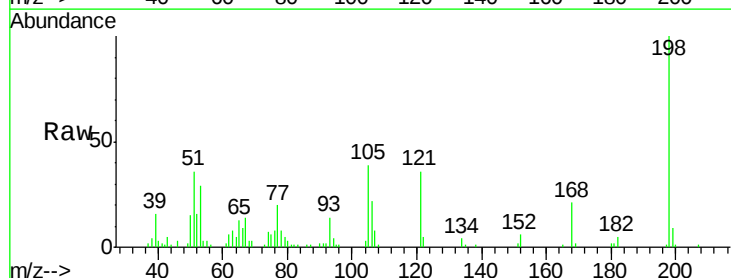
Tgt Ion:198 Resp: 30673

Ion Ratio Lower Upper

198 100

51 36.2 17.0 57.0

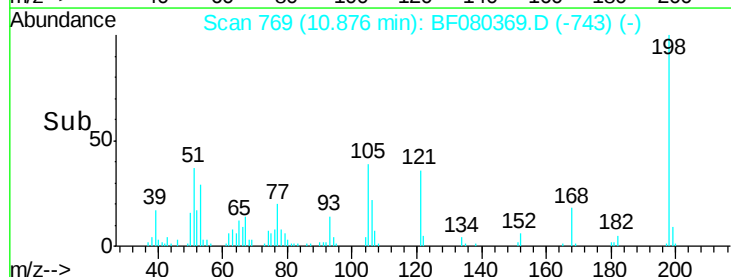
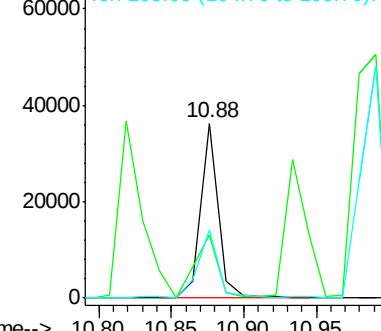
105 38.7 20.9 60.9

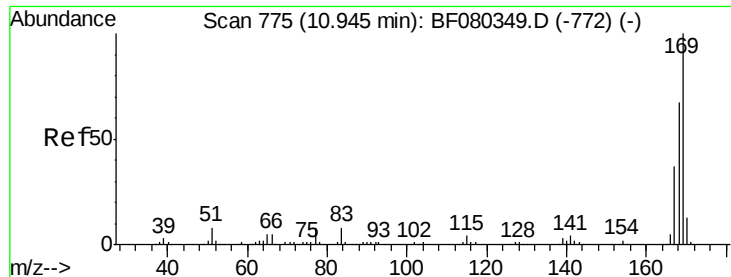


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

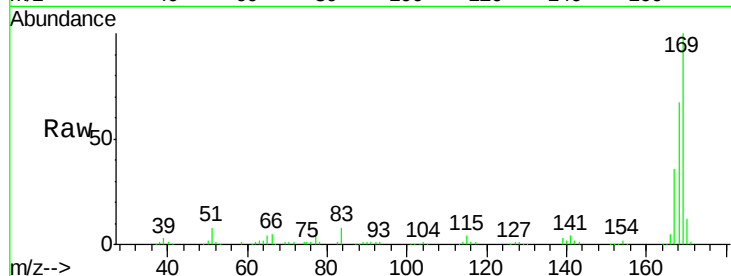




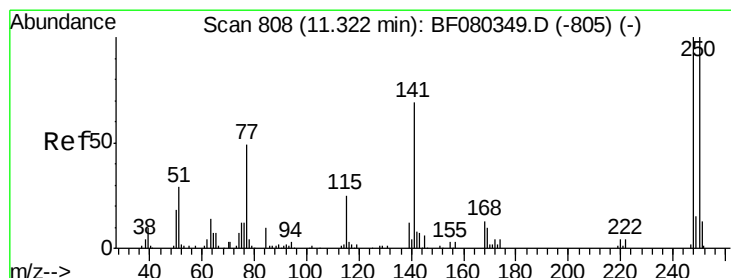
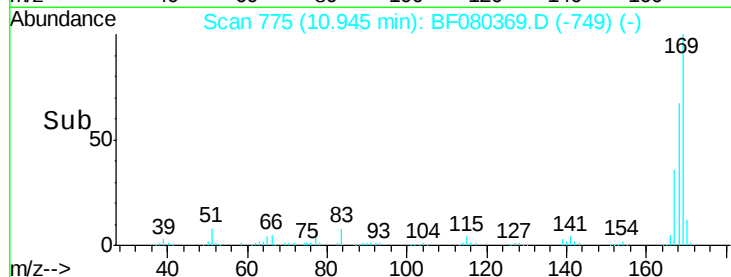
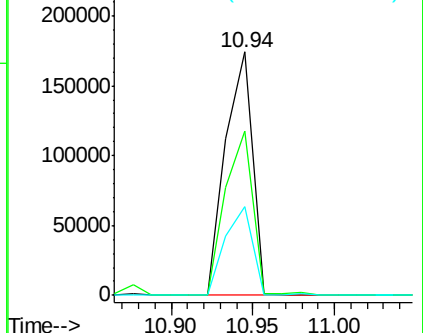
#65
 n-Nitrosodiphenylamine
 Concen: 41.81 ng
 RT: 10.94 min Scan# 775
 Delta R.T. 0.00 min
 Lab File: BF080369.D
 Acq: 7 Jul 2015 5:16

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-04-W-UM

Tgt Ion:169 Resp: 197792
 Ion Ratio Lower Upper
 169 100
 168 67.4 53.5 80.3
 167 36.4 29.5 44.3

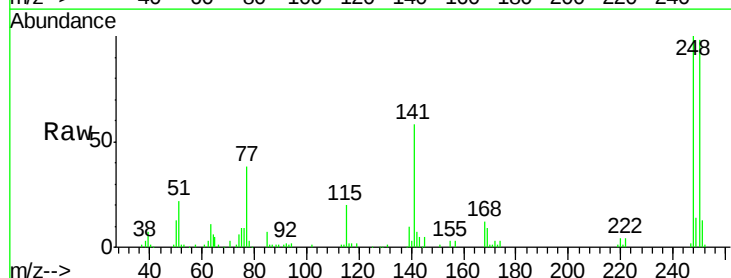


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

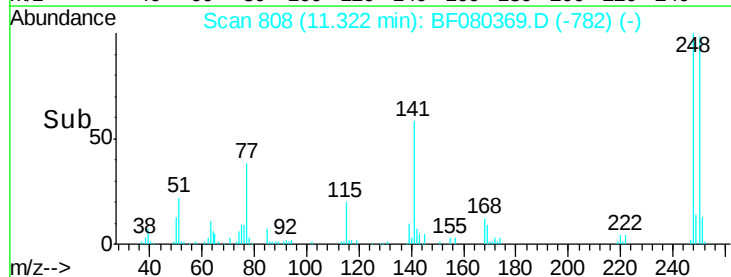
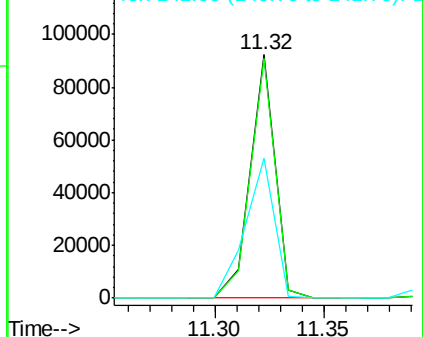


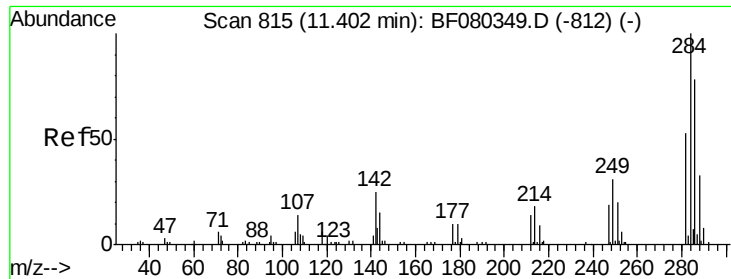
#66
 4-Bromophenyl-phenylether
 Concen: 43.00 ng
 RT: 11.32 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF080369.D
 Acq: 7 Jul 2015 5:16

Tgt Ion:248 Resp: 73162
 Ion Ratio Lower Upper
 248 100
 250 98.4 80.0 120.0
 141 57.5 54.8 82.2



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

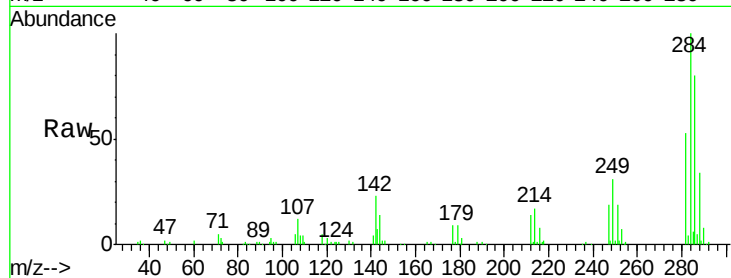




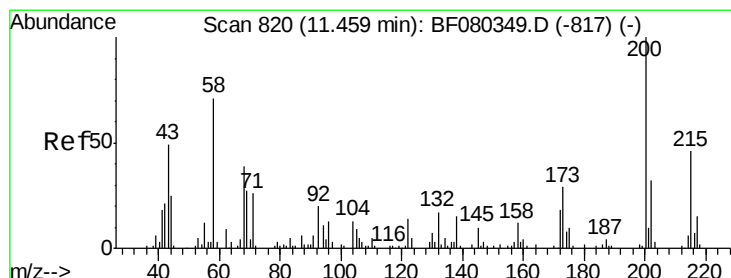
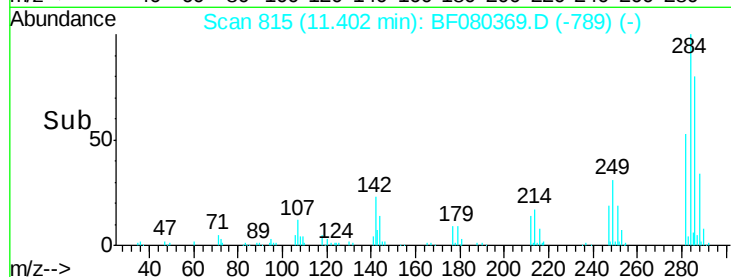
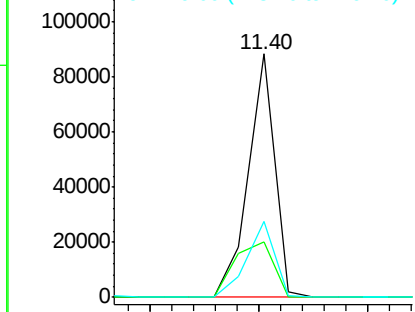
#67
Hexachlorobenzene
Concen: 41.78 ng
RT: 11.40 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Instrument :
BNA_F
ClientSampleId :
IDOC-04-W-UM

Tgt Ion:284 Resp: 74566
Ion Ratio Lower Upper
284 100
142 22.7 20.3 30.5
249 31.0 24.7 37.1

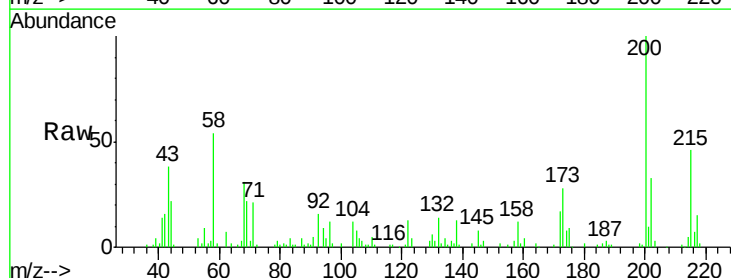


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

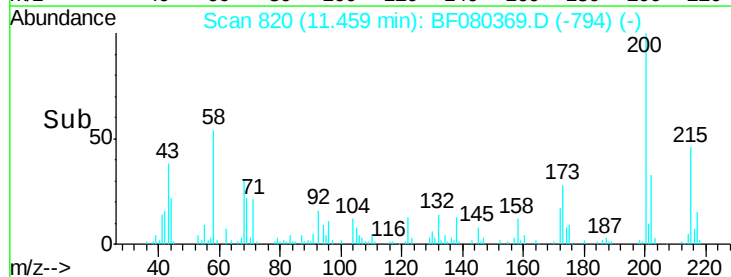
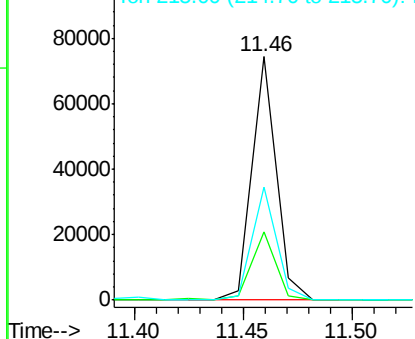


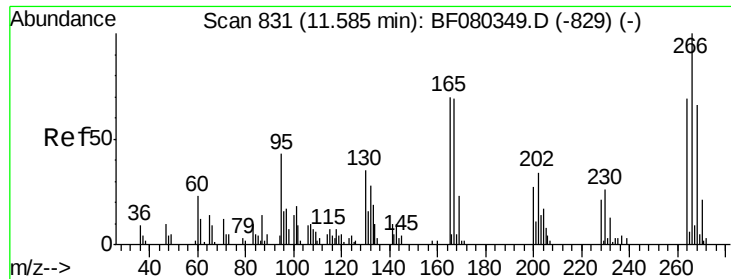
#68
Atrazine
Concen: 40.96 ng
RT: 11.46 min Scan# 820
Delta R.T. 0.00 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Tgt Ion:200 Resp: 57680
Ion Ratio Lower Upper
200 100
173 28.1 9.9 49.9
215 46.4 26.2 66.2



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

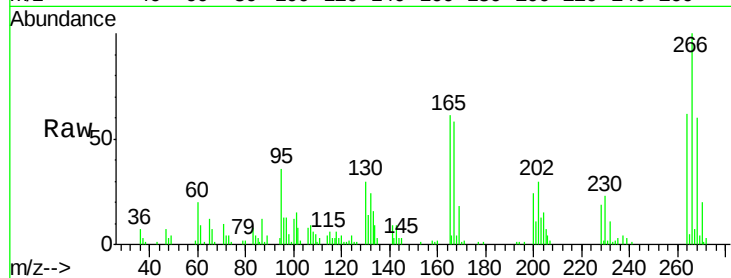




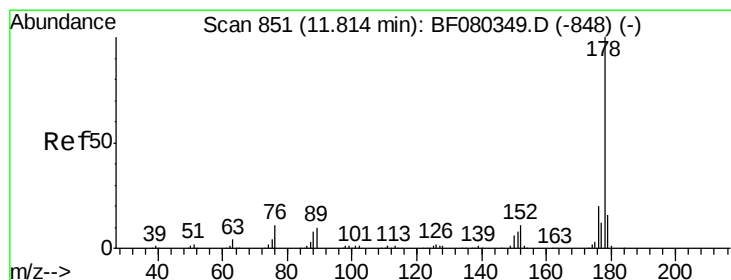
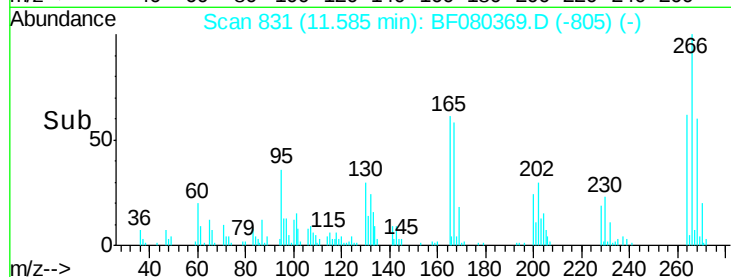
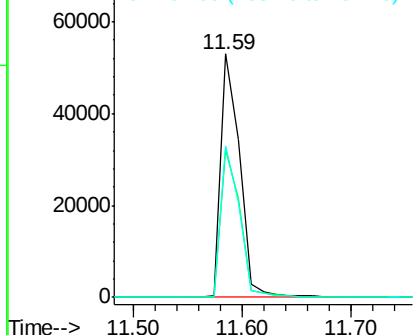
#69
 Pentachlorophenol
 Concen: 72.70 ng
 RT: 11.59 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BF080369.D
 Acq: 7 Jul 2015 5:16

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-04-W-UM

Tgt Ion:266 Resp: 64155
 Ion Ratio Lower Upper
 266 100
 268 60.4 52.7 79.1
 264 62.3 55.0 82.6

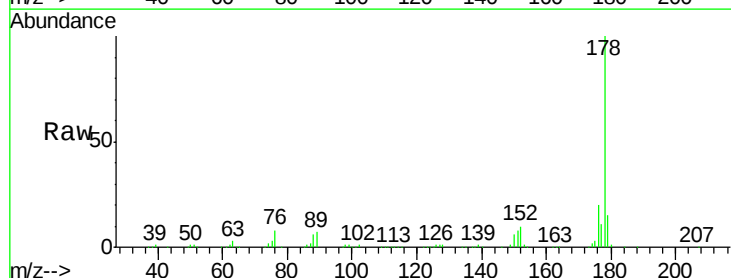


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

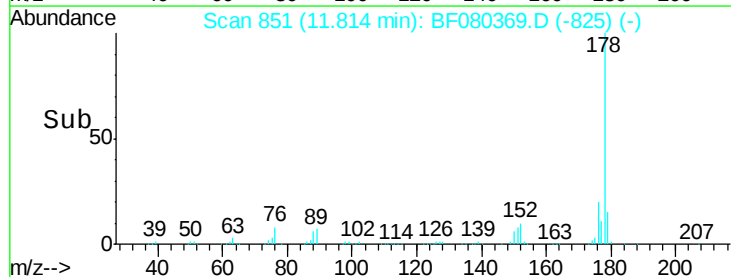
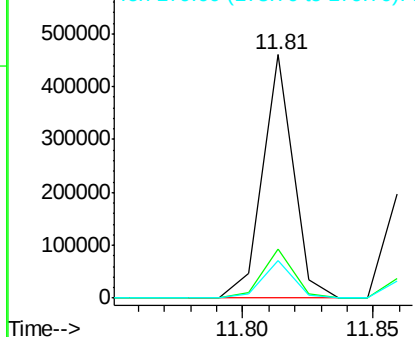


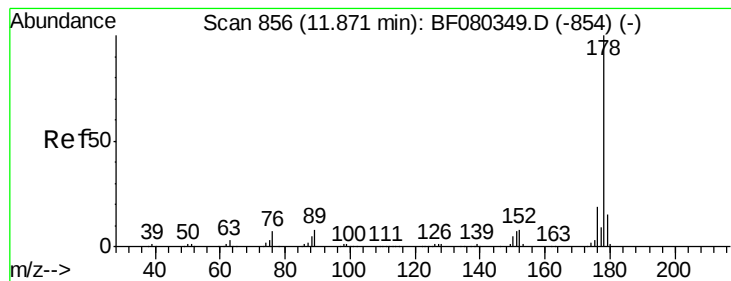
#70
 Phenanthrene
 Concen: 41.84 ng
 RT: 11.81 min Scan# 851
 Delta R.T. 0.00 min
 Lab File: BF080369.D
 Acq: 7 Jul 2015 5:16

Tgt Ion:178 Resp: 372669
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.1 24.1
 179 15.4 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





#71

Anthracene

Concen: 41.10 ng

RT: 11.87 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF080369.D

Acq: 7 Jul 2015 5:16

Instrument :

BNA_F

ClientSampleId :

IDOC-04-W-UM

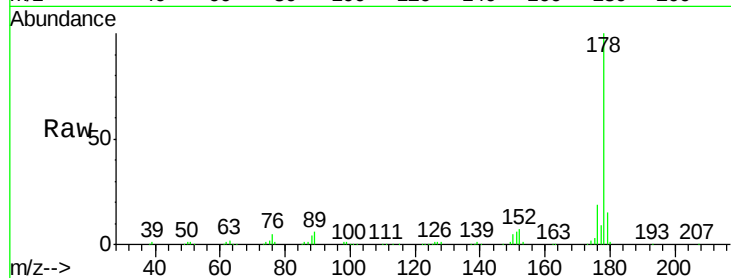
Tgt Ion:178 Resp: 358974

Ion Ratio Lower Upper

178 100

176 18.7 15.3 22.9

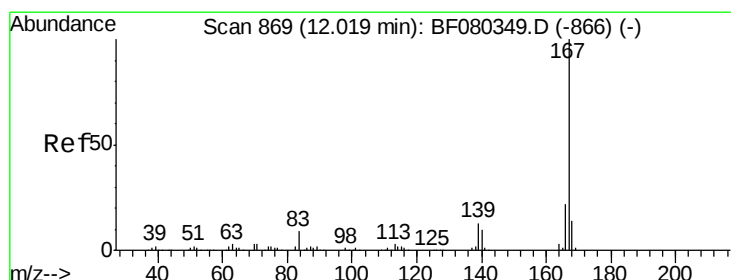
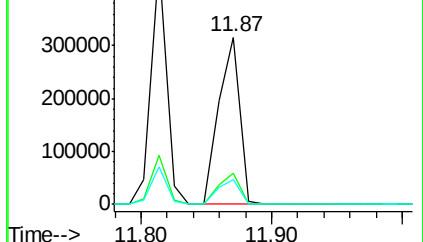
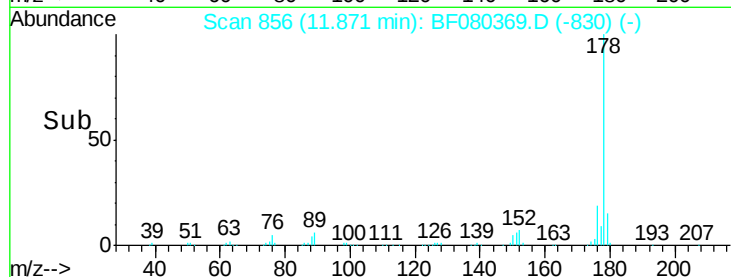
179 14.6 12.3 18.5



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: 41.50 ng

RT: 12.02 min Scan# 869

Delta R.T. 0.00 min

Lab File: BF080369.D

Acq: 7 Jul 2015 5:16

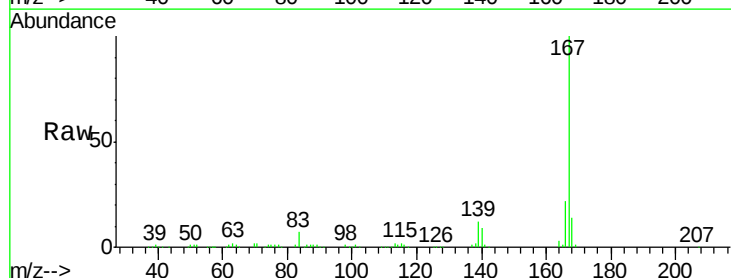
Tgt Ion:167 Resp: 338106

Ion Ratio Lower Upper

167 100

166 21.8 17.8 26.6

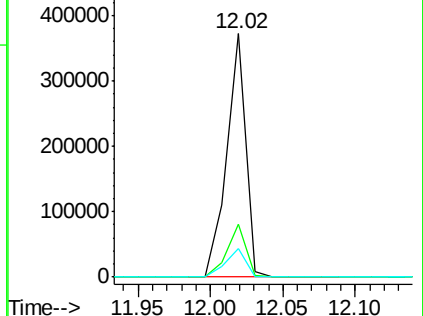
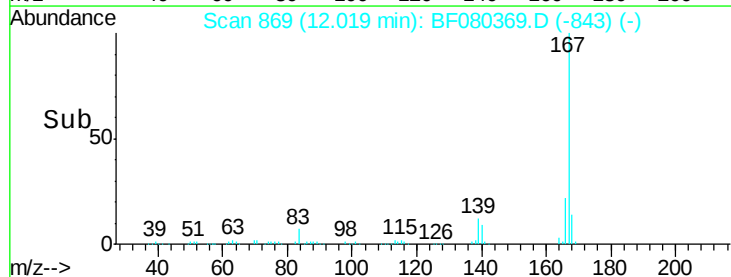
139 12.0 10.4 15.6

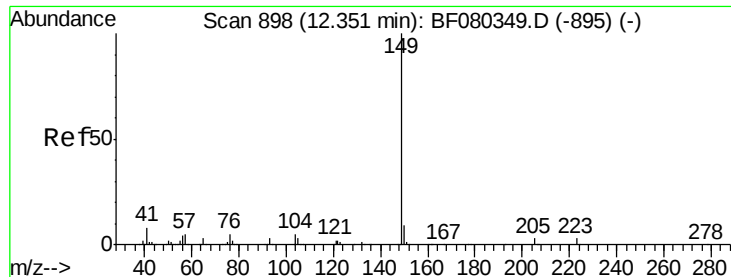


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.09 ng

RT: 12.35 min Scan# 898

Delta R.T. 0.00 min

Lab File: BF080369.D

Acq: 7 Jul 2015 5:16

Instrument :

BNA_F

ClientSampleId :

IDOC-04-W-UM

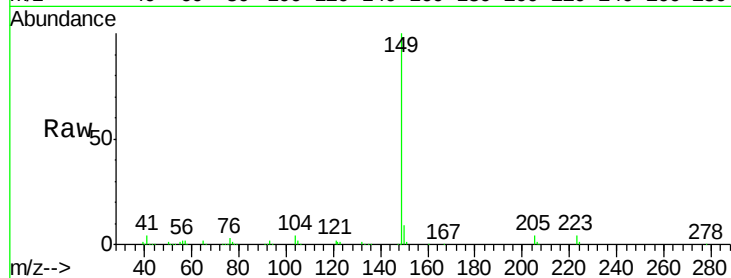
Tgt Ion:149 Resp: 373539

Ion Ratio Lower Upper

149 100

150 8.8 7.5 11.3

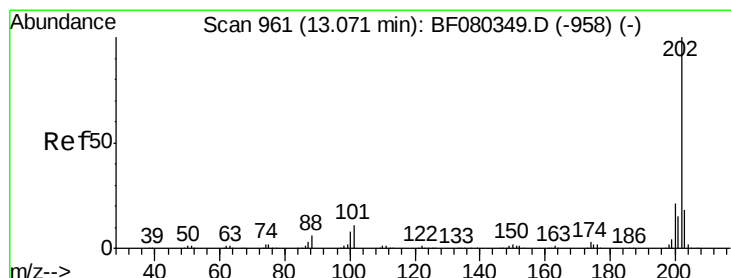
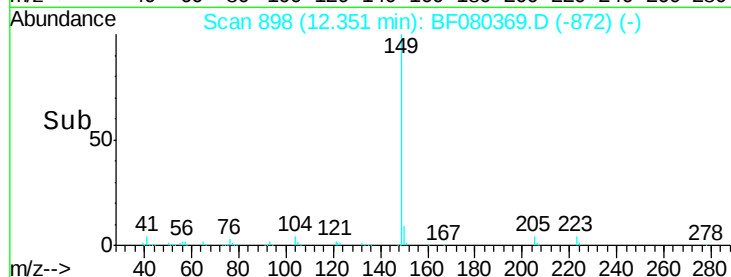
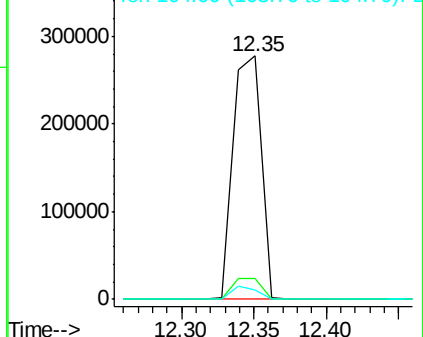
104 3.6 3.9 5.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.50 ng

RT: 13.06 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF080369.D

Acq: 7 Jul 2015 5:16

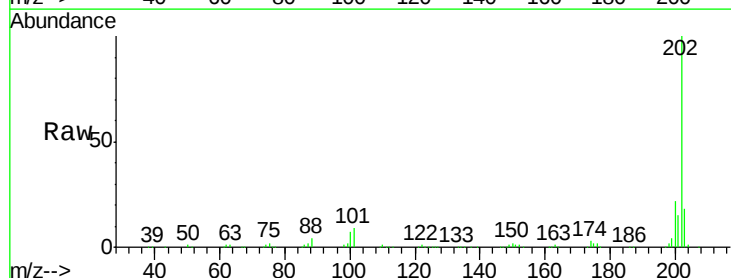
Tgt Ion:202 Resp: 397218

Ion Ratio Lower Upper

202 100

101 9.2 0.0 31.0

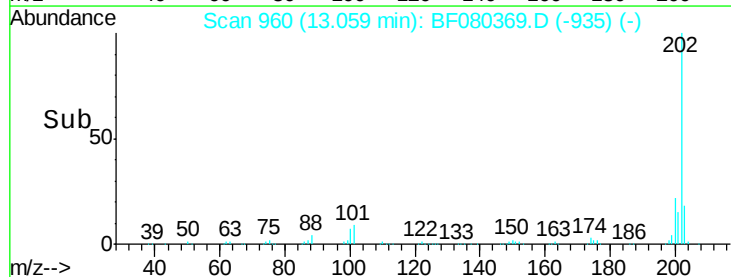
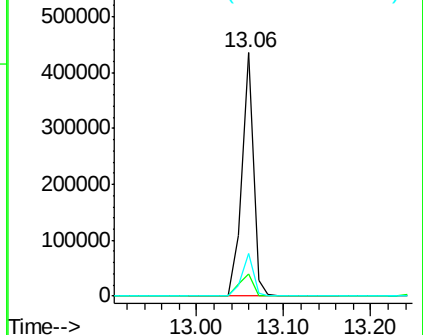
203 17.7 0.0 37.6

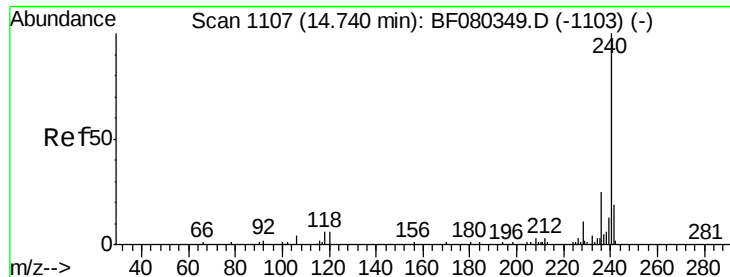


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.71 min Scan# 1104

Delta R.T. -0.03 min

Lab File: BF080369.D

Acq: 7 Jul 2015 5:16

Instrument :

BNA_F

ClientSampleId :

IDOC-04-W-UM

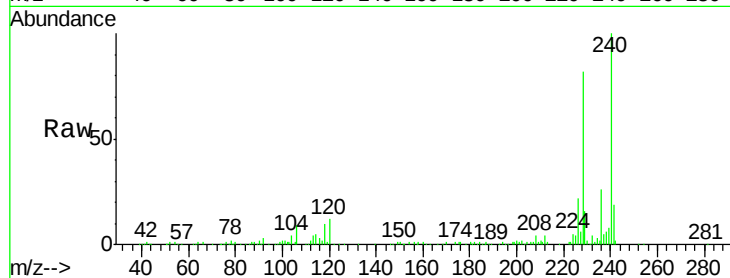
Tgt Ion:240 Resp: 152187

Ion Ratio Lower Upper

240 100

120 11.7 5.1 7.7#

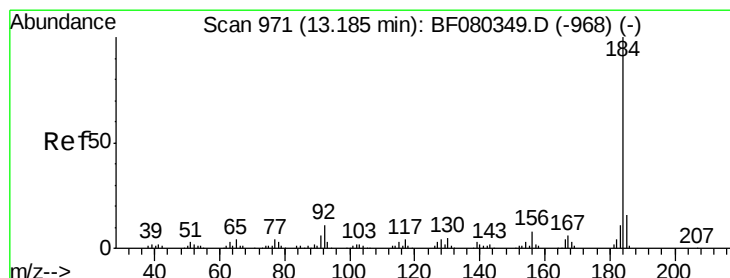
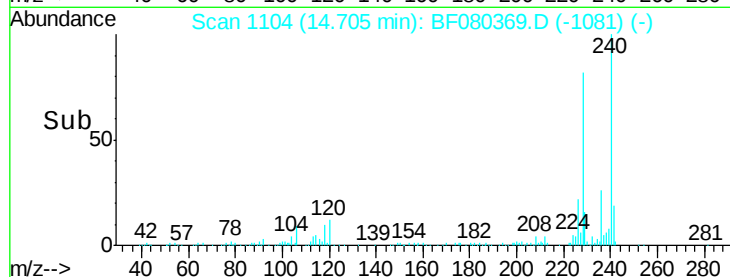
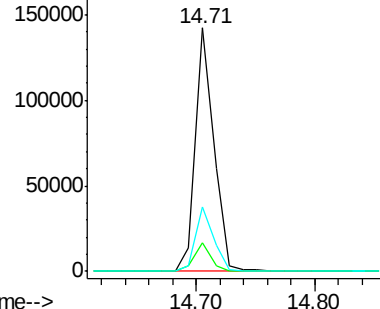
236 26.3 20.4 30.6



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: 52.14 ng

RT: 13.17 min Scan# 970

Delta R.T. -0.01 min

Lab File: BF080369.D

Acq: 7 Jul 2015 5:16

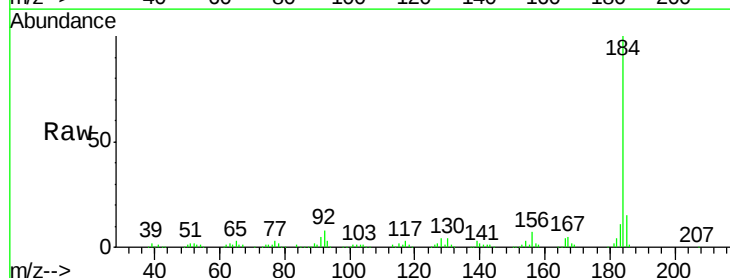
Tgt Ion:184 Resp: 201264

Ion Ratio Lower Upper

184 100

185 14.6 12.6 19.0

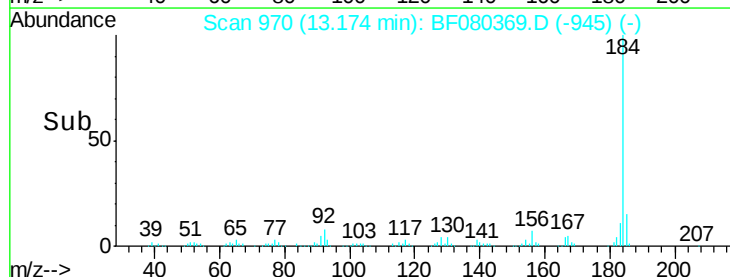
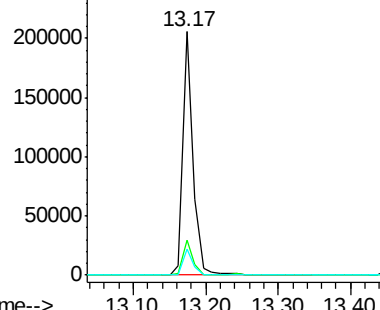
183 10.9 9.2 13.8

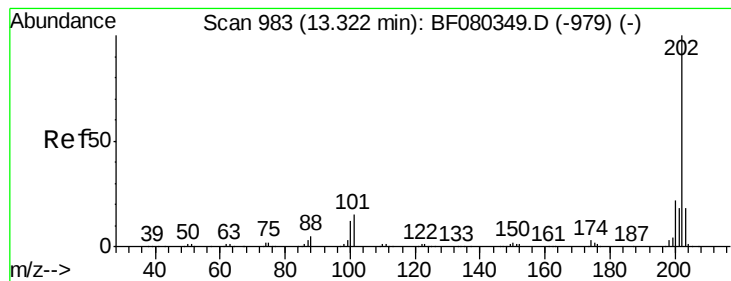


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 45.06 ng

RT: 13.31 min Scan# 982

Delta R.T. -0.01 min

Lab File: BF080369.D

Acq: 7 Jul 2015 5:16

Instrument :

BNA_F

ClientSampleId :

IDOC-04-W-UM

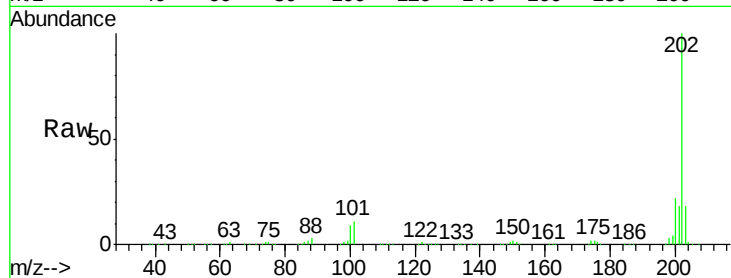
Tgt Ion:202 Resp: 414750

Ion Ratio Lower Upper

202 100

200 21.7 17.2 25.8

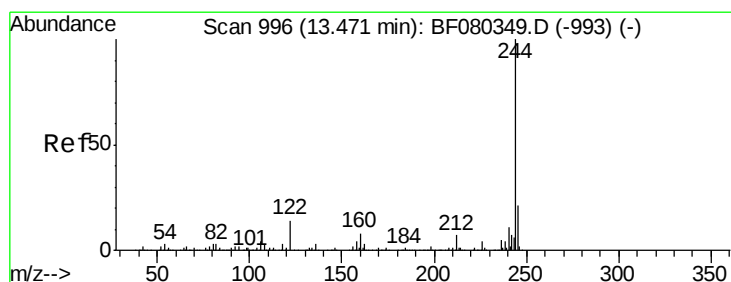
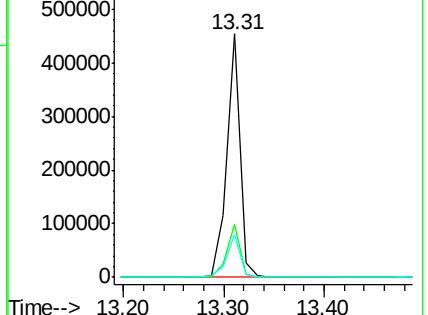
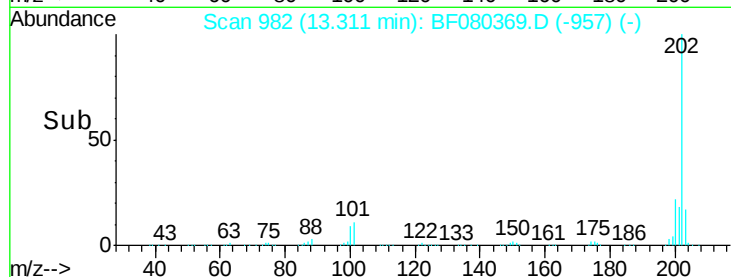
203 17.6 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 88.55 ng

RT: 13.46 min Scan# 995

Delta R.T. -0.01 min

Lab File: BF080369.D

Acq: 7 Jul 2015 5:16

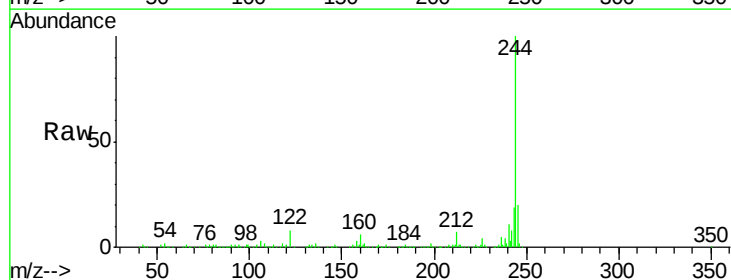
Tgt Ion:244 Resp: 577771

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

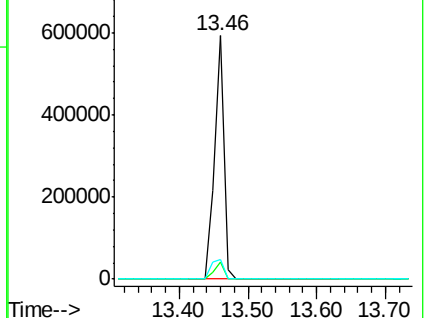
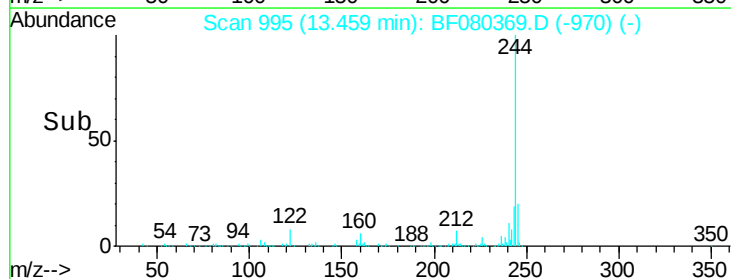
122 8.1 11.1 16.7#

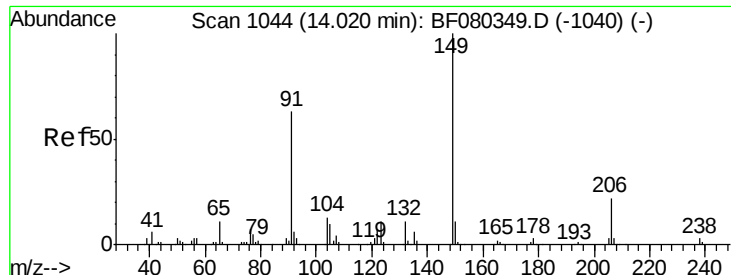


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

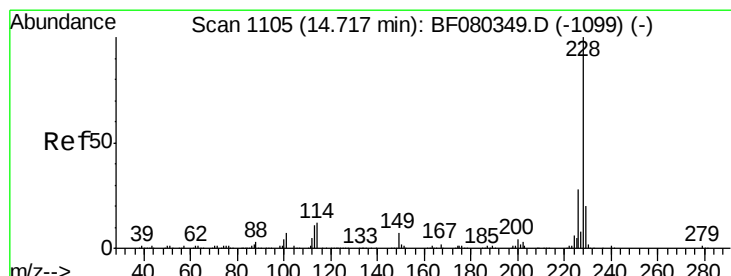
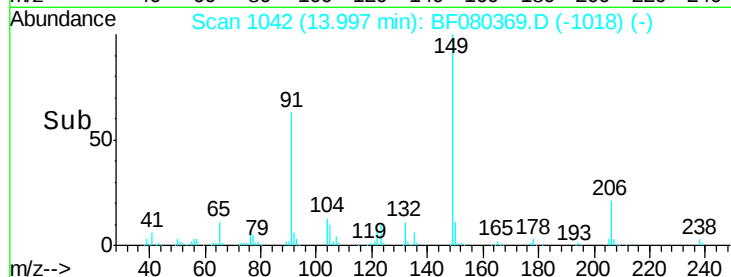
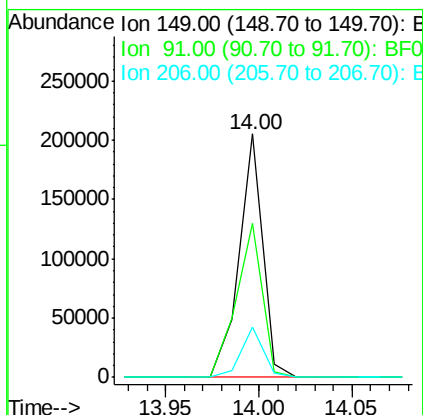
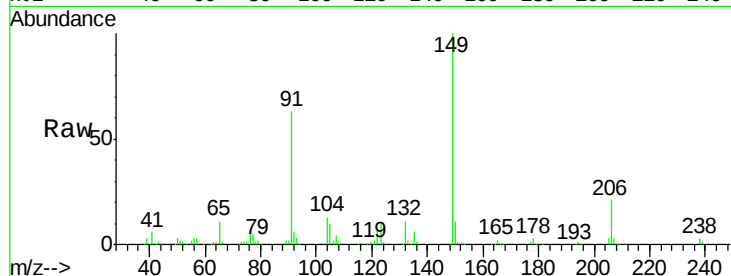




#79
Butylbenzylphthalate
Concen: 49.71 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

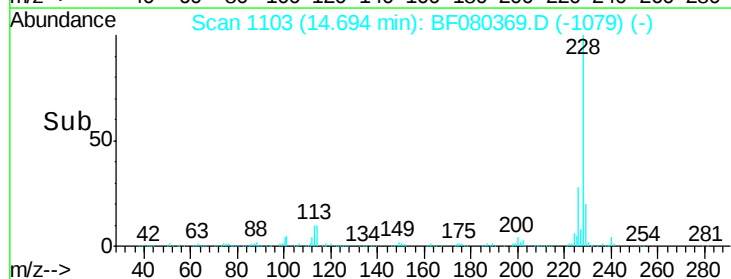
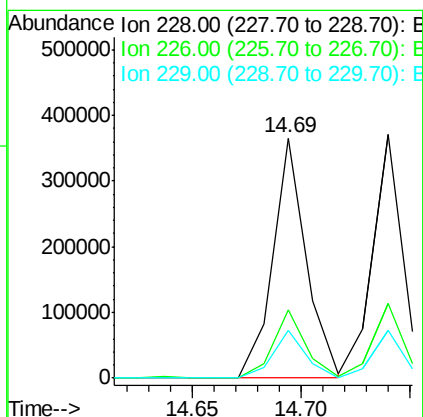
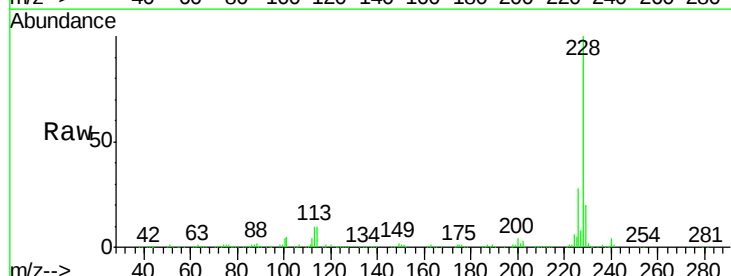
Instrument :
BNA_F
ClientSampleId :
IDOC-04-W-UM

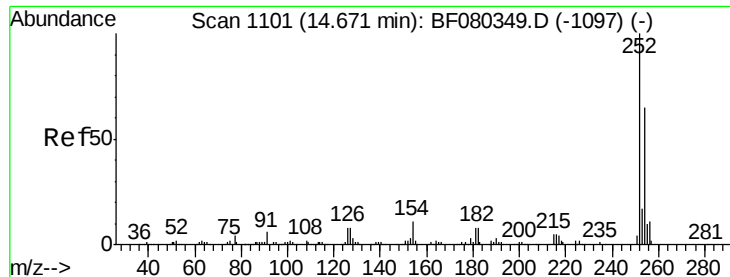
Tgt Ion:149 Resp: 182598
Ion Ratio Lower Upper
149 100
91 63.3 50.8 76.2
206 20.7 17.6 26.4



#80
Benzo(a)anthracene
Concen: 42.85 ng
RT: 14.69 min Scan# 1103
Delta R.T. -0.02 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Tgt Ion:228 Resp: 392970
Ion Ratio Lower Upper
228 100
226 28.2 22.2 33.4
229 20.1 16.0 24.0

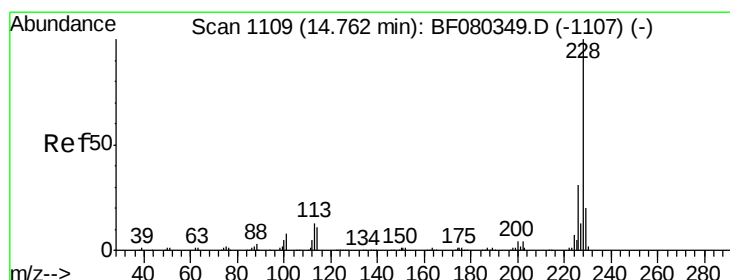
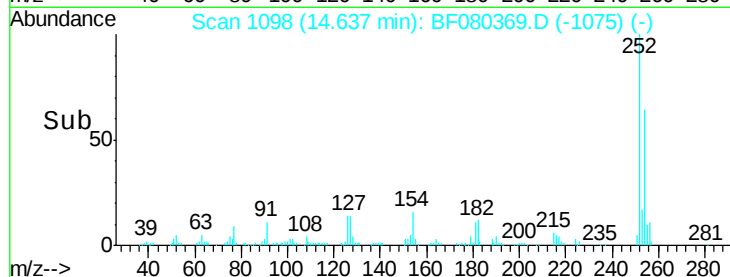
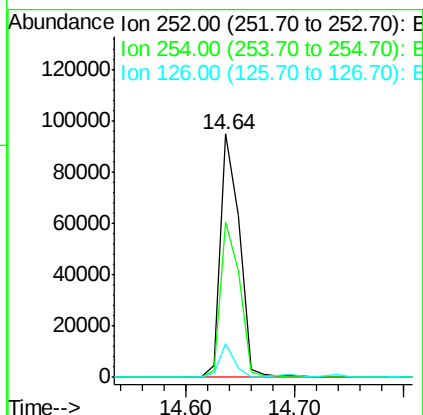
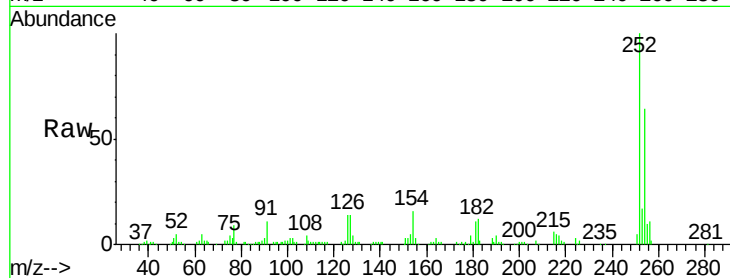




#81
 3,3'-Dichlorobenzidine
 Concen: 38.12 ng
 RT: 14.64 min Scan# 1098
 Delta R.T. -0.03 min
 Lab File: BF080369.D
 Acq: 7 Jul 2015 5:16

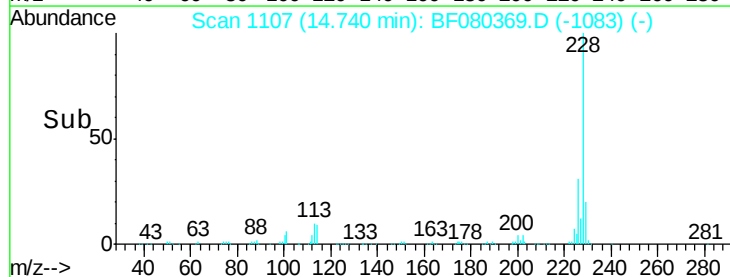
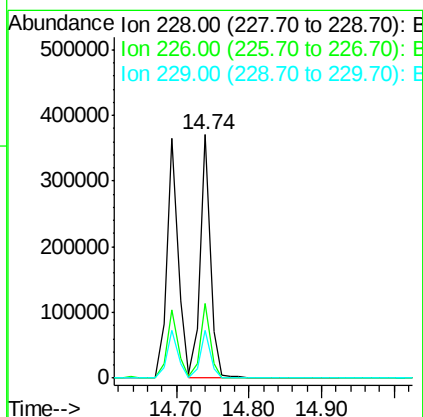
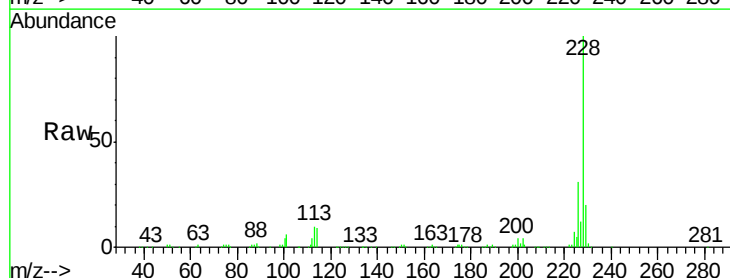
Instrument :
 BNA_F
 ClientSampleId :
 IDOC-04-W-UM

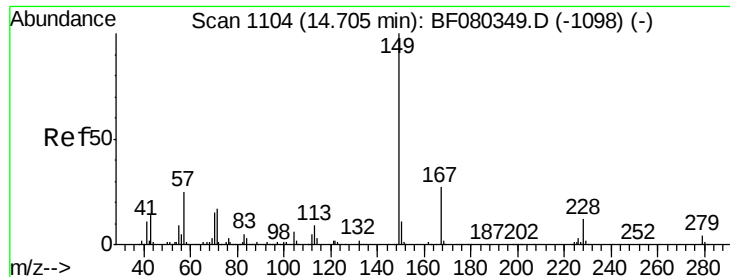
Tgt Ion:252 Resp: 115936
 Ion Ratio Lower Upper
 252 100
 254 63.6 51.7 77.5
 126 13.7 6.3 9.5#



#82
 Chrysene
 Concen: 42.62 ng
 RT: 14.74 min Scan# 1107
 Delta R.T. -0.02 min
 Lab File: BF080369.D
 Acq: 7 Jul 2015 5:16

Tgt Ion:228 Resp: 365751
 Ion Ratio Lower Upper
 228 100
 226 30.9 25.0 37.4
 229 19.9 16.1 24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 48.36 ng

RT: 14.67 min Scan# 1101

Delta R.T. -0.03 min

Lab File: BF080369.D

Acq: 7 Jul 2015 5:16

Instrument :

BNA_F

ClientSampleId :

IDOC-04-W-UM

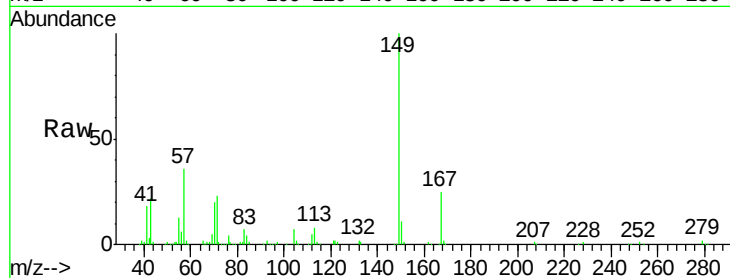
Tgt Ion:149 Resp: 270769

Ion Ratio Lower Upper

149 100

167 24.6 21.4 32.0

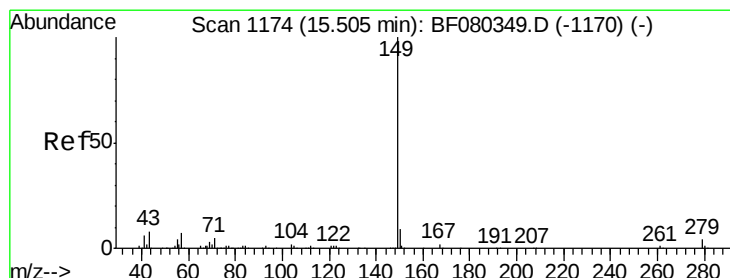
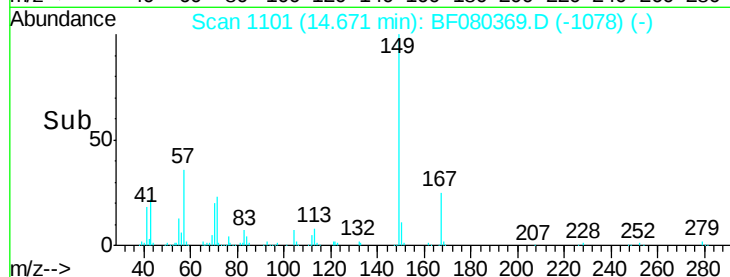
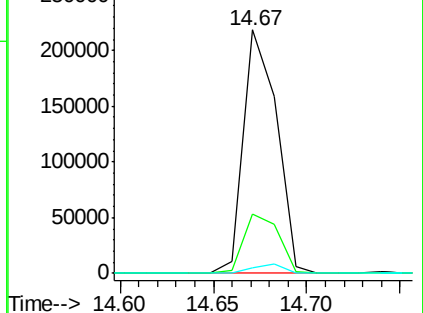
279 2.1 2.9 4.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 48.63 ng

RT: 15.47 min Scan# 1171

Delta R.T. -0.03 min

Lab File: BF080369.D

Acq: 7 Jul 2015 5:16

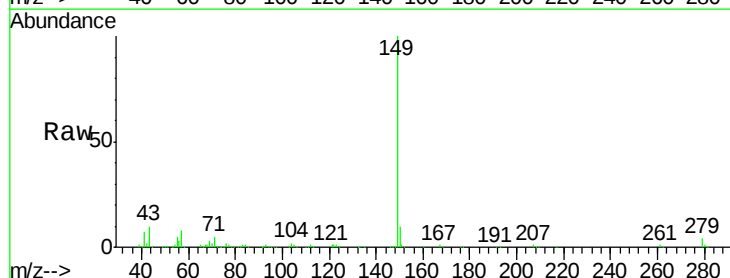
Tgt Ion:149 Resp: 449765

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

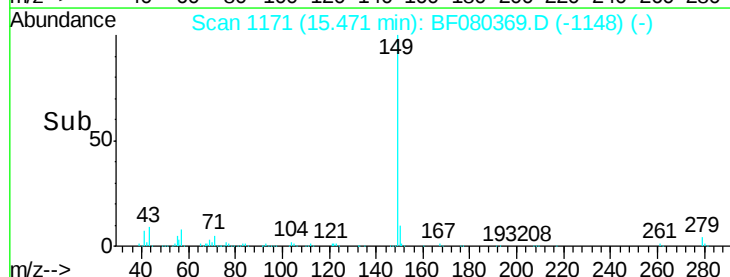
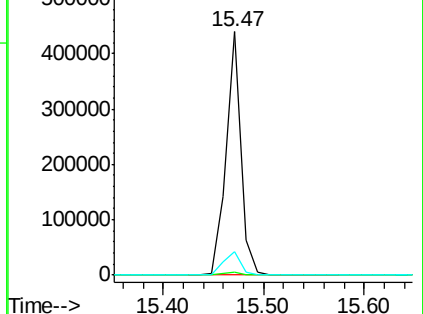
43 10.9 9.1 13.7

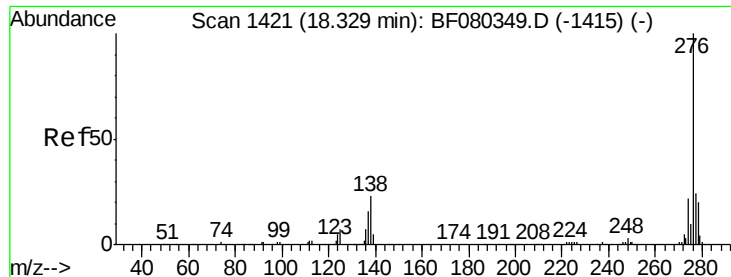


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

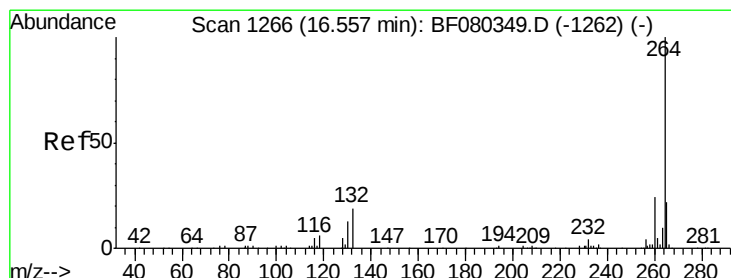
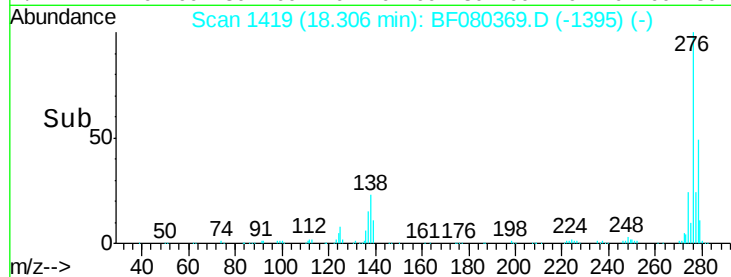
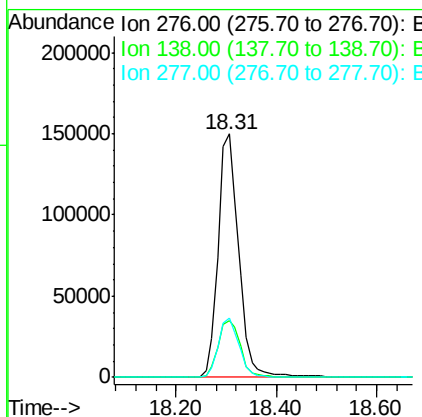
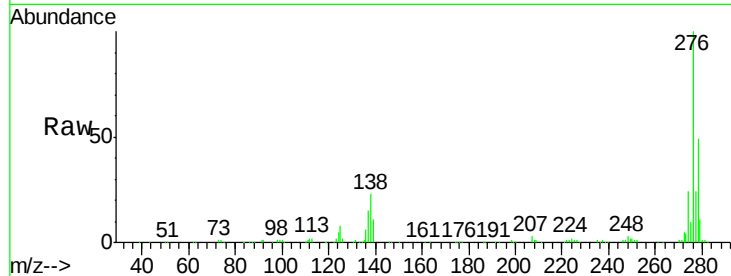




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.49 ng
 RT: 18.31 min Scan# 1419
 Delta R.T. -0.02 min
 Lab File: BF080369.D
 Acq: 7 Jul 2015 5:16

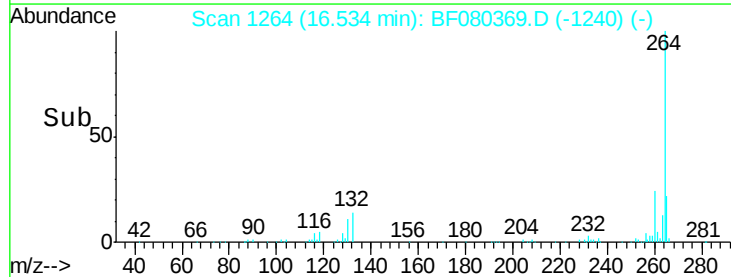
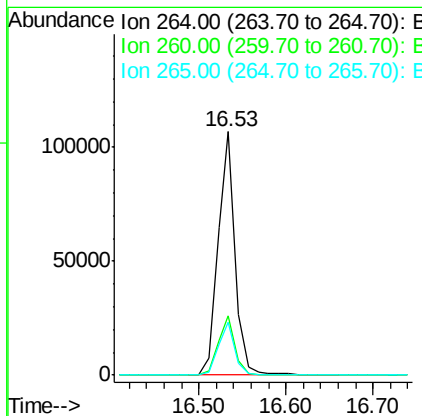
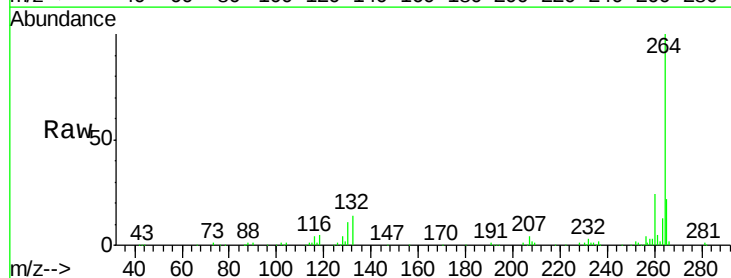
Instrument :
 BNA_F
 ClientSampleId :
 IDOC-04-W-UM

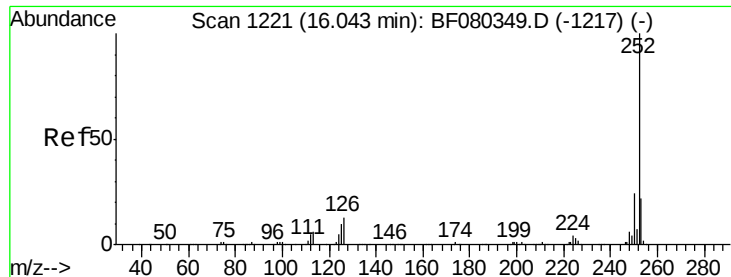
Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.3	19.7	29.5
277	24.7	19.4	29.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.53 min Scan# 1264
 Delta R.T. -0.02 min
 Lab File: BF080369.D
 Acq: 7 Jul 2015 5:16

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.6	17.6	26.4





#87

Benzo(b)fluoranthene

Concen: 41.57 ng

RT: 16.02 min Scan# 1219

Delta R.T. -0.02 min

Lab File: BF080369.D

Acq: 7 Jul 2015 5:16

Instrument :

BNA_F

ClientSampleId :

IDOC-04-W-UM

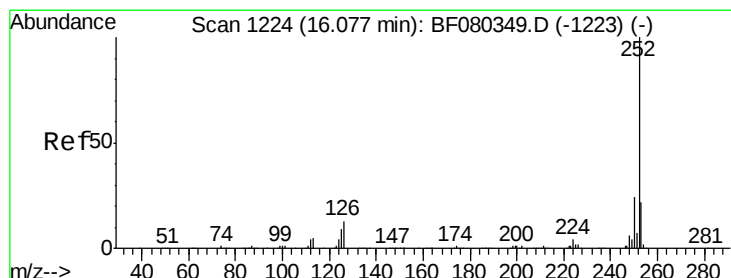
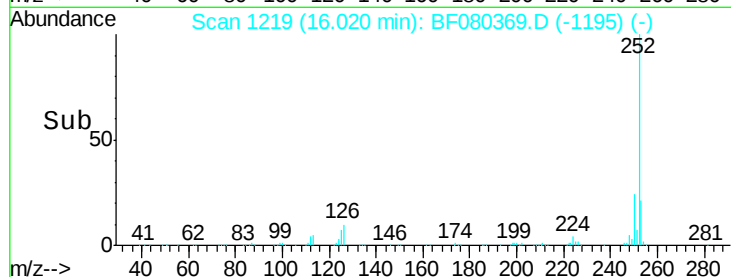
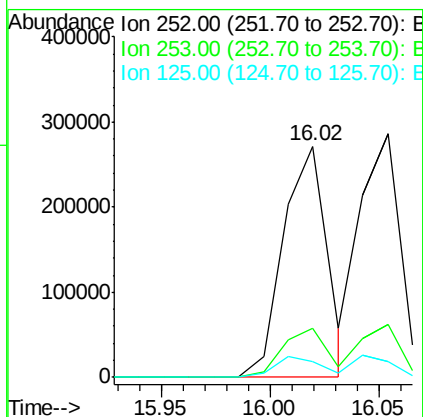
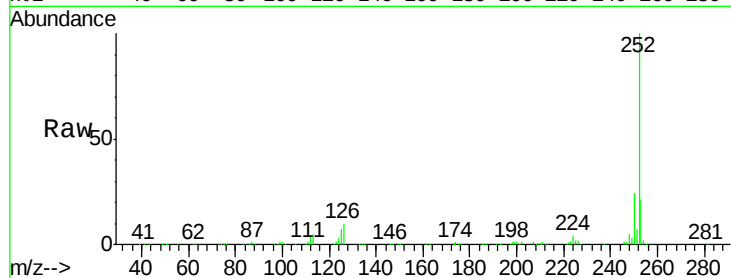
Tgt Ion:252 Resp: 382292

Ion Ratio Lower Upper

252 100

253 21.3 17.8 26.8

125 7.1 7.7 11.5#



#88

Benzo(k)fluoranthene

Concen: 44.17 ng

RT: 16.05 min Scan# 1222

Delta R.T. -0.02 min

Lab File: BF080369.D

Acq: 7 Jul 2015 5:16

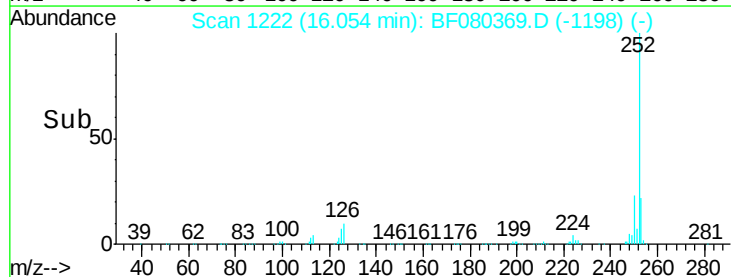
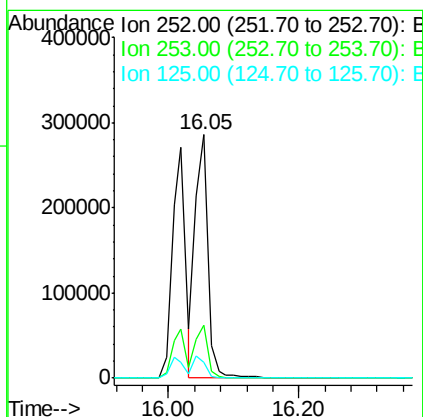
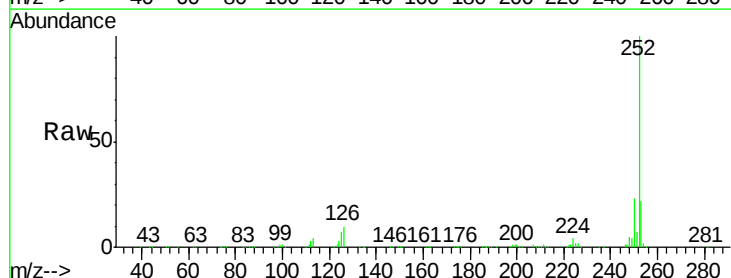
Tgt Ion:252 Resp: 384477

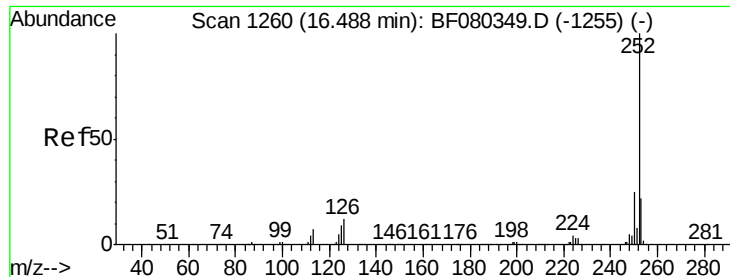
Ion Ratio Lower Upper

252 100

253 21.6 17.8 26.6

125 6.6 8.5 12.7#





#89

Benzo(a)pyrene

Concen: 44.09 ng

RT: 16.45 min Scan# 1257

Delta R.T. -0.03 min

Lab File: BF080369.D

Acq: 7 Jul 2015 5:16

Instrument :

BNA_F

ClientSampleId :

IDOC-04-W-UM

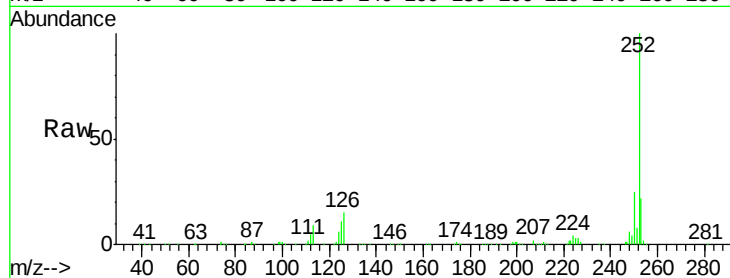
Tgt Ion:252 Resp: 370736

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

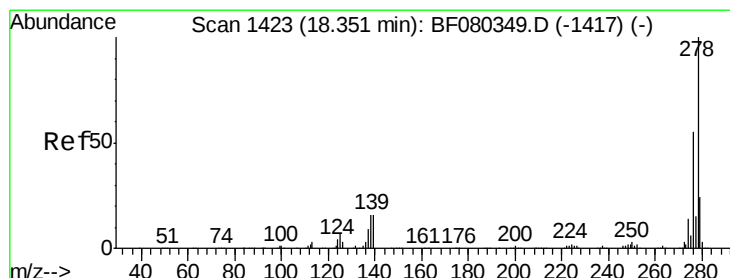
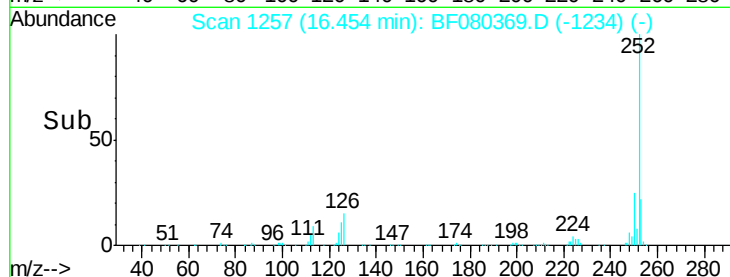
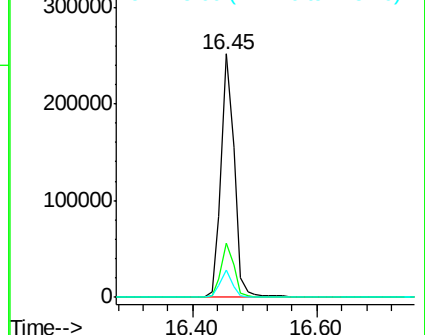
125 11.4 7.3 10.9#



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: 43.58 ng

RT: 18.33 min Scan# 1421

Delta R.T. -0.02 min

Lab File: BF080369.D

Acq: 7 Jul 2015 5:16

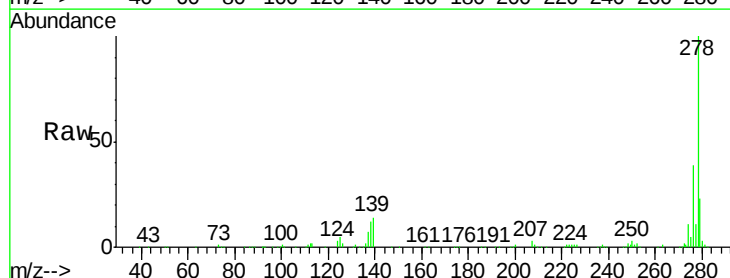
Tgt Ion:278 Resp: 360930

Ion Ratio Lower Upper

278 100

139 14.0 13.0 19.6

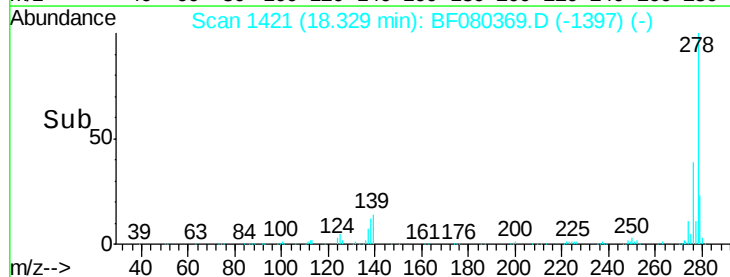
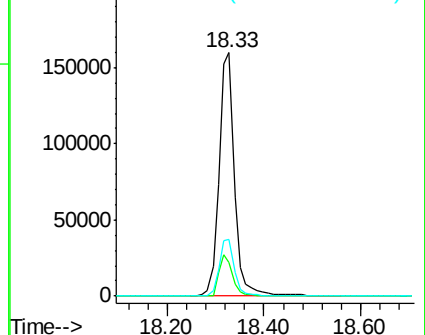
279 23.1 19.1 28.7

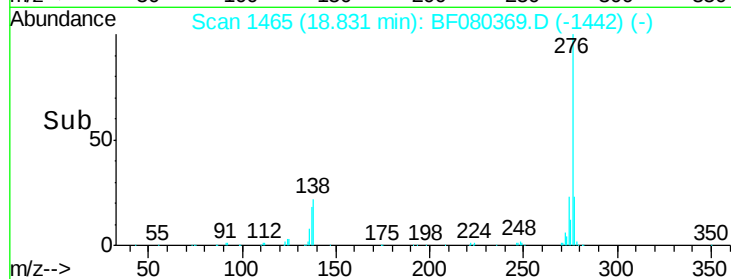
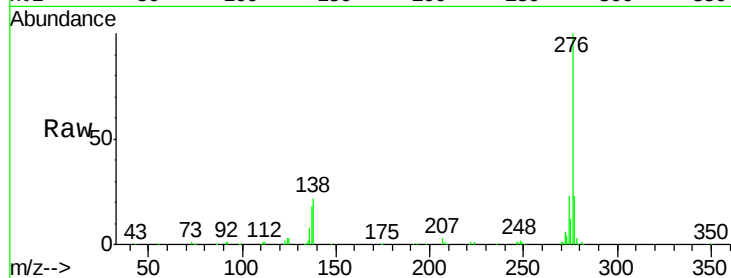
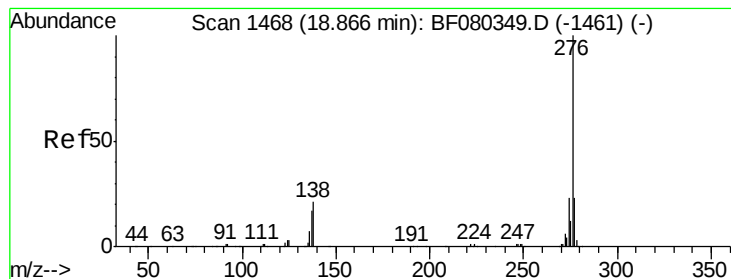


Abundance Ion 278.00 (277.70 to 278.70): E

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: 42.83 ng

RT: 18.83 min Scan# 1465

Delta R.T. -0.03 min

Lab File: BF080369.D

Acq: 7 Jul 2015 5:16

Instrument :

BNA_F

ClientSampleId :

IDOC-04-W-UM

Tgt Ion: 276 Resp: 359732

Ion Ratio Lower Upper

276 100

277 22.8 18.6 28.0

138 21.6 16.8 25.2

