

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070615\
 Data File : BF080367.D
 Acq On : 7 Jul 2015 4:17
 Operator : TP/IZ
 Sample : IDOC-01-W-UM
 Misc : IDOC-01-W-UM
 ALS Vial : 24 Sample Multiplier: 1

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

Quant Time: Jul 07 05:48:23 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	44878	20.00	ng	0.00
21) Naphthalene-d8	8.52	136	171814	20.00	ng	0.00
38) Acenaphthene-d10	10.29	164	83094	20.00	ng	0.00
63) Phenanthrene-d10	11.79	188	173010	20.00	ng	0.00
75) Chrysene-d12	14.71	240	176320	20.00	ng	-0.03
86) Perylene-d12	16.53	264	165815	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.84	112	211246	86.21	ng	0.00
7) Phenol-d6	6.84	99	263792	81.21	ng	0.01
23) Nitrobenzene-d5	7.79	82	248343	84.31	ng	0.00
41) 2,4,6-Tribromophenol	11.08	330	71028	81.69	ng	0.00
44) 2-Fluorobiphenyl	9.60	172	501388	81.43	ng	0.00
78) Terphenyl-d14	13.46	244	594839	78.69	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.04	88	33327	28.80	ng	# 87
3) Pyridine	3.87	79	112927	38.36	ng	98
4) n-Nitrosodimethylamine	3.78	42	53814	38.90	ng	98
6) Aniline	6.89	93	119792	26.64	ng	100
8) 2-Chlorophenol	7.01	128	114132	40.18	ng	97
9) Benzaldehyde	6.77	77	63023	34.89	ng	98
10) Phenol	6.85	94	138233	39.25	ng	96
11) bis(2-Chloroethyl)ether	6.94	93	96517	36.32	ng	99
12) 1,3-Dichlorobenzene	7.17	146	126956	36.41	ng	99
13) 1,4-Dichlorobenzene	7.25	146	115569	35.49	ng	99
14) 1,2-Dichlorobenzene	7.40	146	121220	36.78	ng	98
15) Benzyl Alcohol	7.36	79	97753	38.88	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.49	45	166467	38.75	ng	99
17) 2-Methylphenol	7.47	107	83795	38.06	ng	95
18) Hexachloroethane	7.76	117	38076	36.39	ng	97
19) n-Nitroso-di-n-propylamine	7.63	70	78131	37.07	ng	97
20) 3+4-Methylphenols	7.62	107	121637	39.64	ng	99
22) Acetophenone	7.63	105	157705	39.79	ng	99
24) Nitrobenzene	7.80	77	109993	37.17	ng	96
25) Isophorone	8.04	82	213237	37.61	ng	100
26) 2-Nitrophenol	8.13	139	50796	39.67	ng	97
27) 2,4-Dimethylphenol	8.16	122	104769	41.58	ng	99
28) bis(2-Chloroethoxy)methane	8.25	93	133041	37.78	ng	98
29) 2,4-Dichlorophenol	8.37	162	90485	40.45	ng	99
30) 1,2,4-Trichlorobenzene	8.46	180	94317	35.48	ng	99
31) Naphthalene	8.54	128	331029	37.56	ng	100
32) Benzoic acid	8.22	122	56888	43.52	ng	98
33) 4-Chloroaniline	8.58	127	77235	21.99	ng	97
34) Hexachlorobutadiene	8.66	225	59268	36.65	ng	98
35) Caprolactam	8.92	113	26824	38.83	ng	98
36) 4-Chloro-3-methylphenol	9.06	107	89748	38.88	ng	# 71
37) 2-Methylnaphthalene	9.24	142	209765	37.33	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.40	216	97124	36.88	ng	98
40) Hexachlorocyclopentadiene	9.40	237	73408	68.20	ng	94

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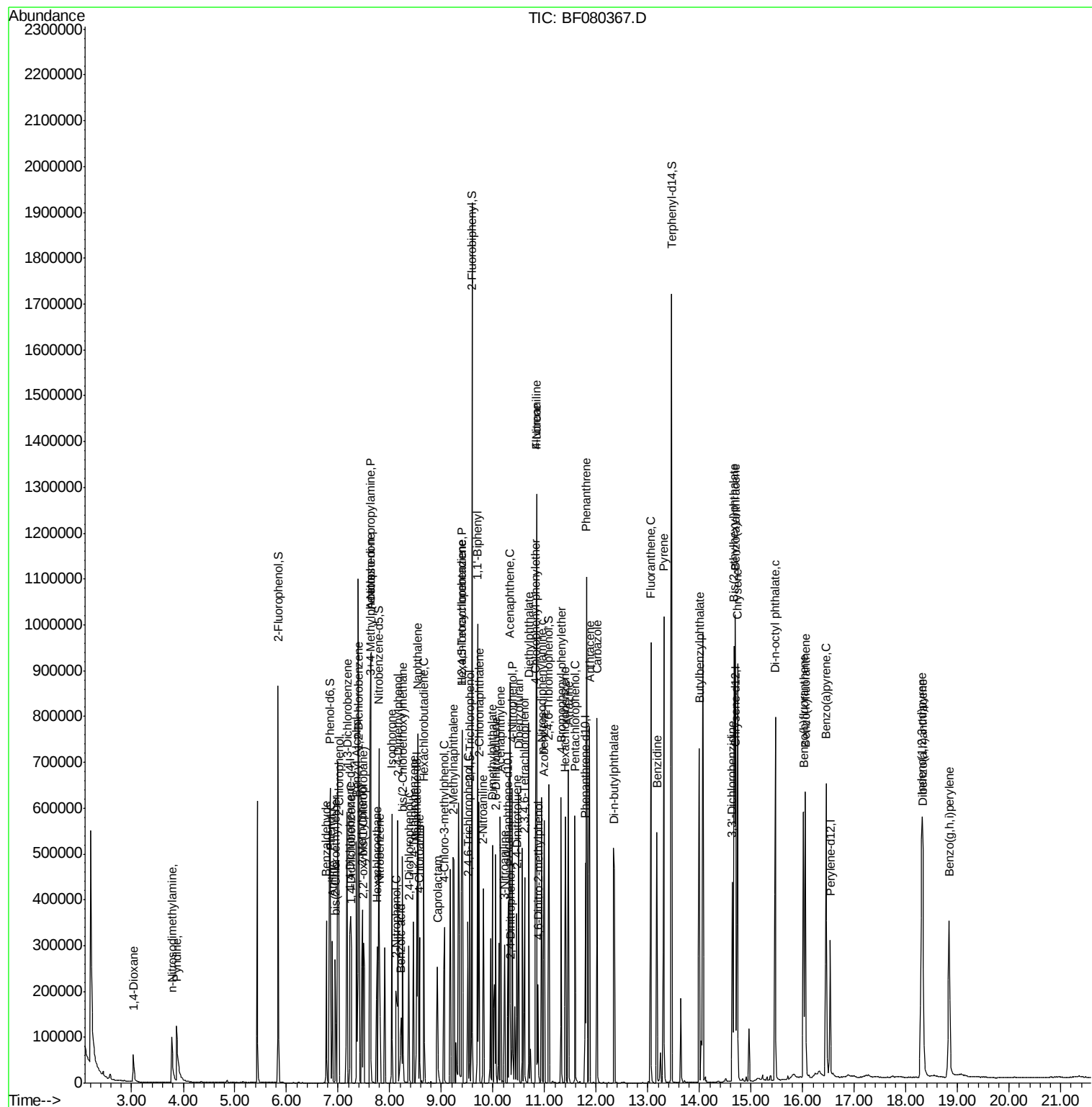
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.52	196	64953	37.44	ng	99
43) 2,4,5-Trichlorophenol	9.55	196	76897	38.03	ng	98
45) 1,1'-Biphenyl	9.70	154	276994	37.56	ng	99
46) 2-Chloronaphthalene	9.73	162	209277	37.21	ng	99
47) 2-Nitroaniline	9.81	65	63661	40.46	ng	97
48) Acenaphthylene	10.14	152	328691	35.12	ng	100
49) Dimethylphthalate	9.98	163	236920	35.51	ng	99
50) 2,6-Dinitrotoluene	10.05	165	54104	38.79	ng	99
51) Acenaphthene	10.33	154	215662	38.49	ng	100
52) 3-Nitroaniline	10.22	138	40812	25.97	ng	96
53) 2,4-Dinitrophenol	10.34	184	38917	65.64	ng	99
54) Dibenzofuran	10.50	168	308635	38.74	ng	99
55) 4-Nitrophenol	10.37	139	90473	78.54	ng	# 82
56) 2,4-Dinitrotoluene	10.46	165	74053	41.29	ng	92
57) Fluorene	10.84	166	258664	37.71	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.61	232	62814	38.78	ng	99
59) Diethylphthalate	10.69	149	256760	38.53	ng	100
60) 4-Chlorophenyl-phenylether	10.83	204	119860	39.48	ng	99
61) 4-Nitroaniline	10.84	138	55196	36.18	ng	99
62) Azobenzene	10.99	77	239209	37.79	ng	99
64) 4,6-Dinitro-2-methylphenol	10.88	198	30310	32.07	ng	98
65) n-Nitrosodiphenylamine	10.94	169	208266	37.79	ng	99
66) 4-Bromophenyl-phenylether	11.32	248	77012	38.86	ng	98
67) Hexachlorobenzene	11.40	284	78208	37.62	ng	99
68) Atrazine	11.46	200	64774	39.48	ng	97
69) Pentachlorophenol	11.58	266	66585	64.77	ng	97
70) Phenanthrene	11.81	178	383349	36.94	ng	100
71) Anthracene	11.87	178	381716	37.51	ng	99
72) Carbazole	12.02	167	352028	37.09	ng	98
73) Di-n-butylphthalate	12.35	149	400619	36.90	ng	# 97
74) Fluoranthene	13.06	202	416501	37.35	ng	97
76) Benzidine	13.17	184	204820	45.80	ng	98
77) Pyrene	13.31	202	427332	40.07	ng	100
79) Butylbenzylphthalate	14.00	149	186591	43.85	ng	99
80) Benzo(a)anthracene	14.69	228	406203	38.23	ng	99
81) 3,3'-Dichlorobenzidine	14.64	252	105159	29.84	ng	# 96
82) Chrysene	14.74	228	381124	38.33	ng	99
83) Bis(2-ethylhexyl)phthalate	14.67	149	273924	42.23	ng	# 97
84) Di-n-octyl phthalate	15.47	149	465903	43.48	ng	98
85) Indeno(1,2,3-cd)pyrene	18.31	276	436176	37.31	ng	99
87) Benzo(b)fluoranthene	16.02	252	393289	37.74	ng	# 97
88) Benzo(k)fluoranthene	16.05	252	387949	39.33	ng	# 96
89) Benzo(a)pyrene	16.45	252	380018	39.88	ng	98
90) Dibenzo(a,h)anthracene	18.33	278	368321	39.24	ng	99
91) Benzo(g,h,i)perylene	18.84	276	363302	38.17	ng	99

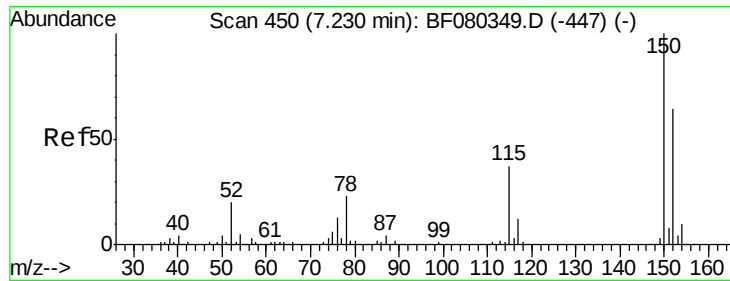
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.23 min Scan# 450

Delta R.T. -0.00 min

Lab File: BF080367.D

Acq: 7 Jul 2015 4:17

Instrument :

BNA_F

ClientSampleId :

IDOC-02-W-UM

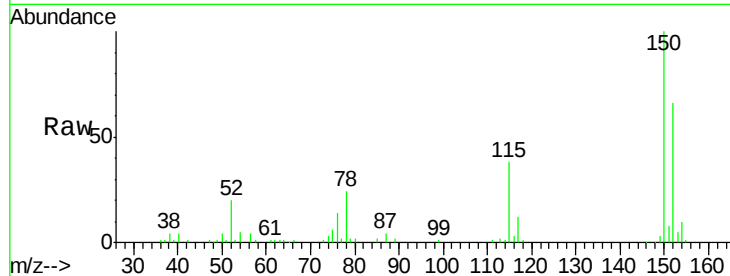
Tgt Ion:152 Resp: 44878

Ion Ratio Lower Upper

152 100

150 152.5 124.7 187.1

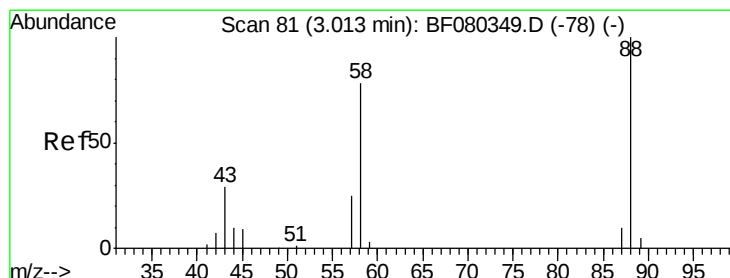
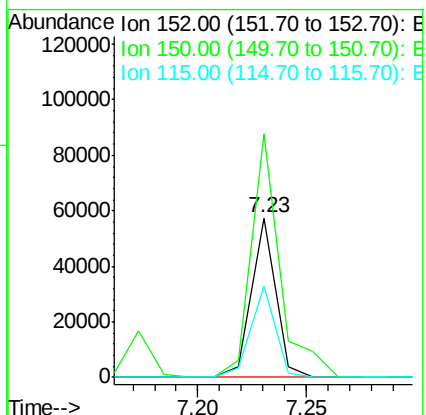
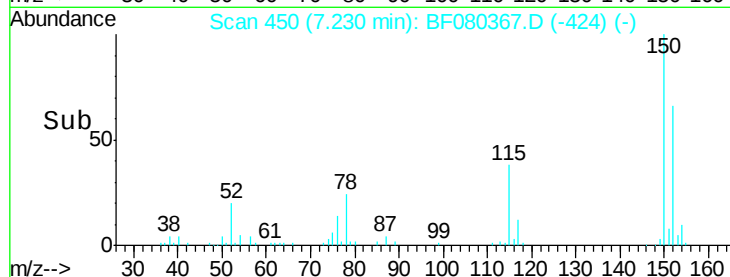
115 57.5 45.7 68.5



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: 28.80 ng

RT: 3.04 min Scan# 83

Delta R.T. 0.02 min

Lab File: BF080367.D

Acq: 7 Jul 2015 4:17

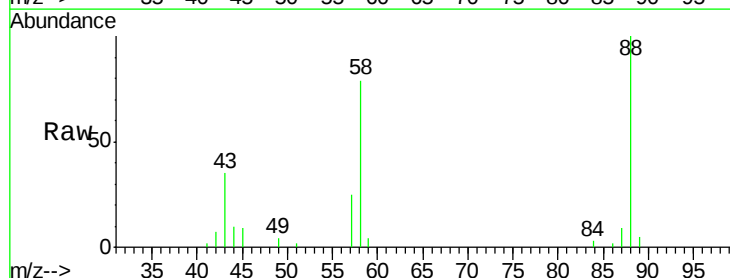
Tgt Ion: 88 Resp: 33327

Ion Ratio Lower Upper

88 100

58 87.5 61.0 91.6

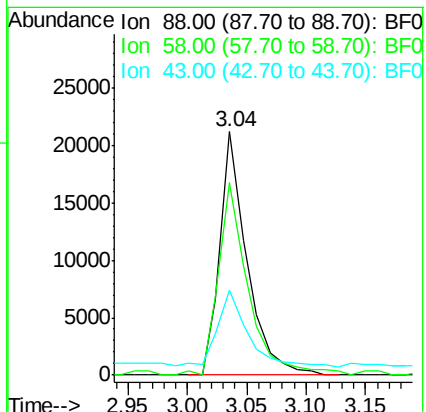
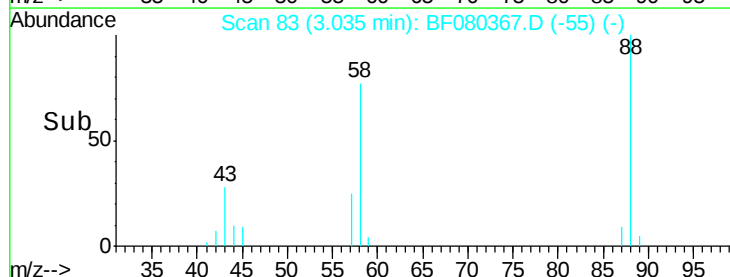
43 35.2 23.4 35.0#

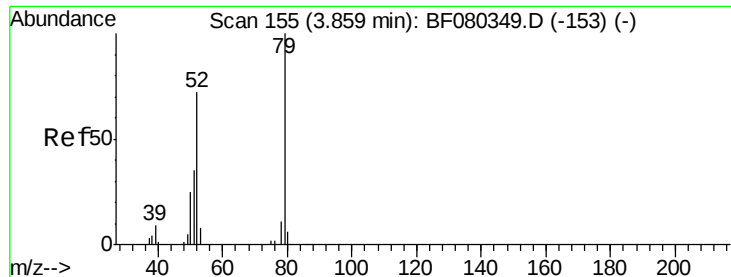


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 38.36 ng

RT: 3.87 min Scan# 156

Delta R.T. 0.01 min

Lab File: BF080367.D

Acq: 7 Jul 2015 4:17

Instrument :

BNA_F

ClientSampleId :

IDOC-02-W-UM

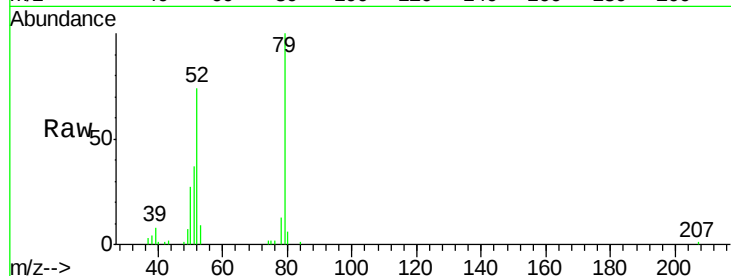
Tgt Ion: 79 Resp: 112927

Ion Ratio Lower Upper

79 100

52 74.2 57.2 85.8

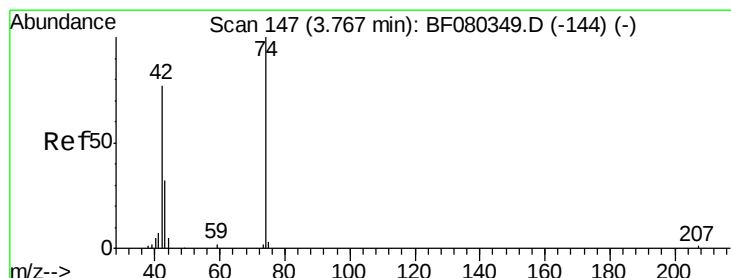
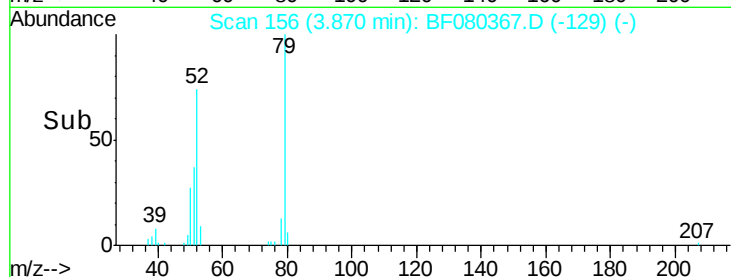
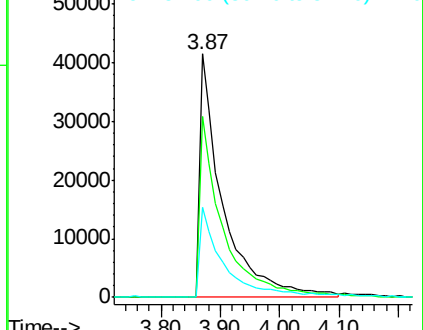
51 37.0 29.4 44.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 38.90 ng

RT: 3.78 min Scan# 148

Delta R.T. 0.01 min

Lab File: BF080367.D

Acq: 7 Jul 2015 4:17

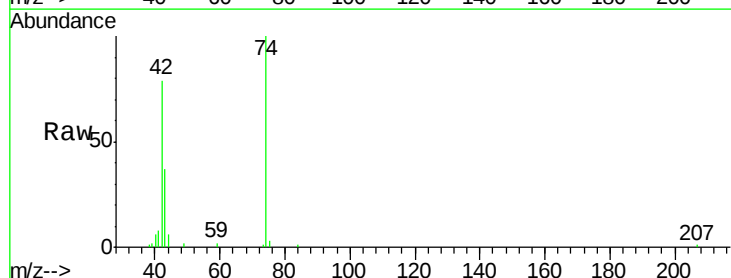
Tgt Ion: 42 Resp: 53814

Ion Ratio Lower Upper

42 100

74 126.4 103.4 155.0

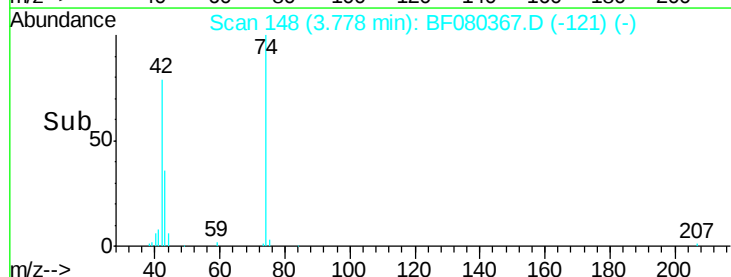
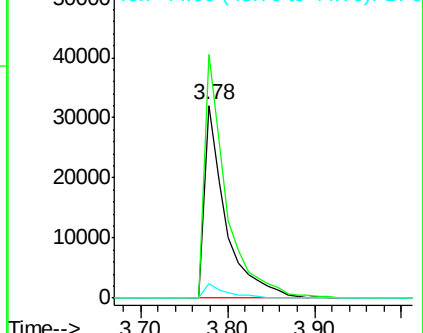
44 7.3 5.4 8.0

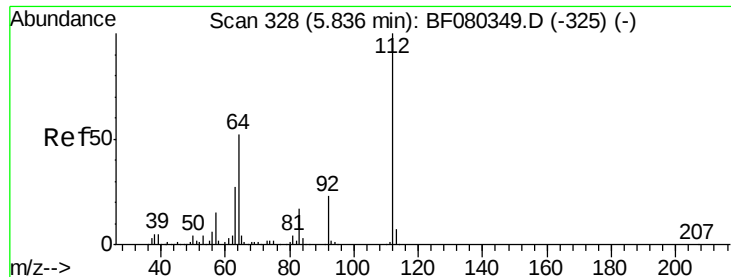


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 86.21 ng

RT: 5.84 min Scan# 328

Delta R.T. -0.00 min

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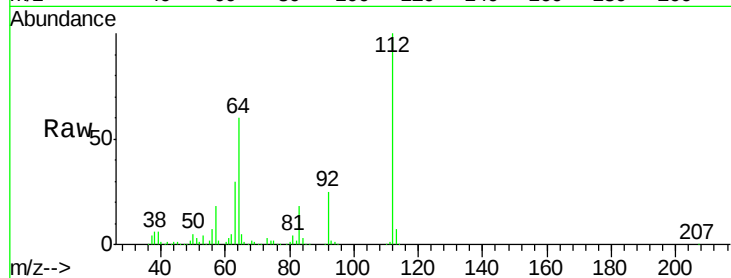
Tgt Ion: 112 Resp: 211246

Ion Ratio Lower Upper

112 100

64 60.1 41.8 62.6

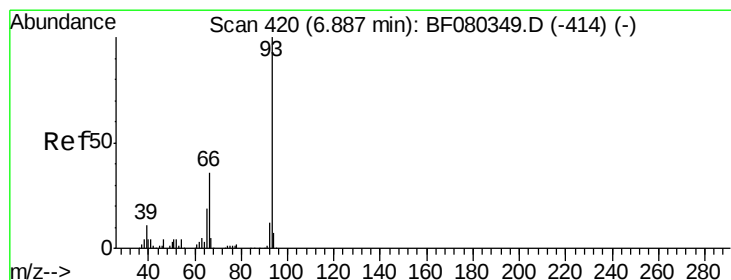
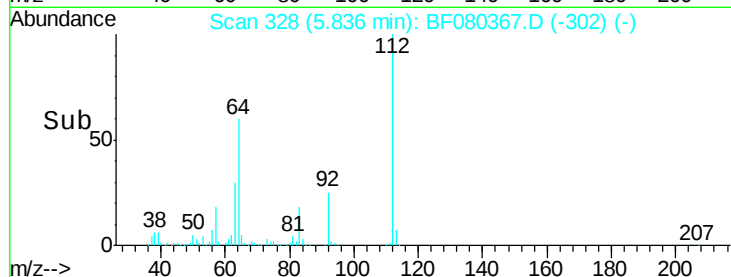
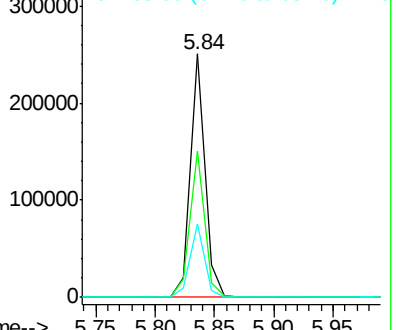
63 30.1 21.5 32.3



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: 26.64 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.00 min

Lab File: BF080367.D

Acq: 7 Jul 2015 4:17

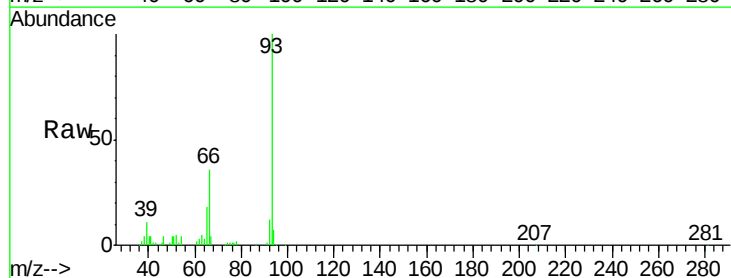
Tgt Ion: 93 Resp: 119792

Ion Ratio Lower Upper

93 100

66 35.8 28.7 43.1

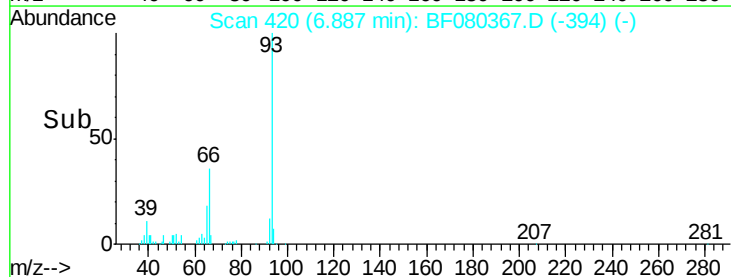
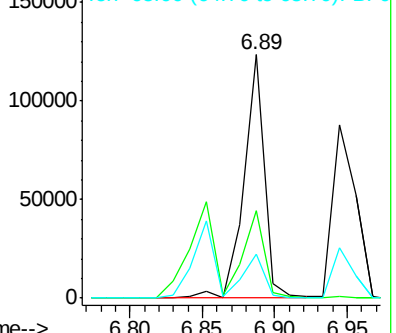
65 18.2 14.8 22.2

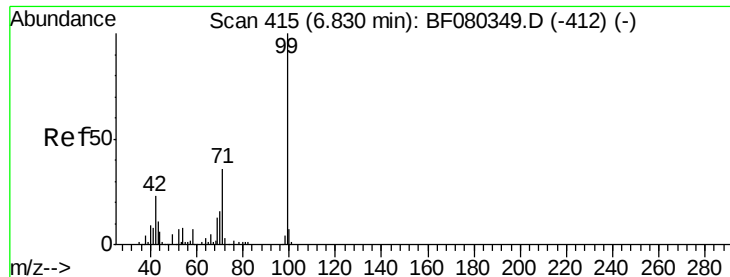


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 81.21 ng

RT: 6.84 min Scan# 416

Delta R.T. 0.01 min

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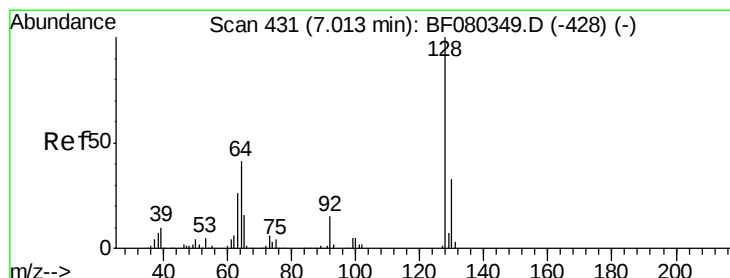
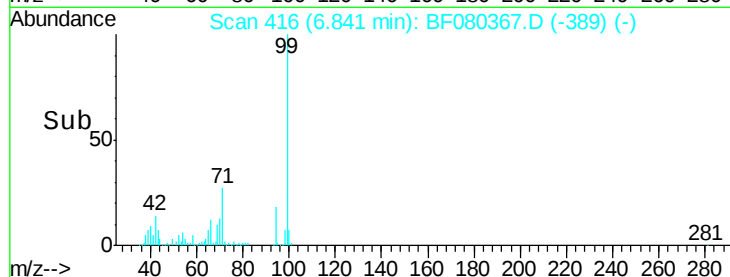
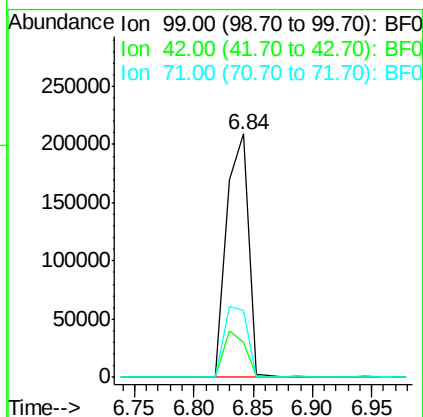
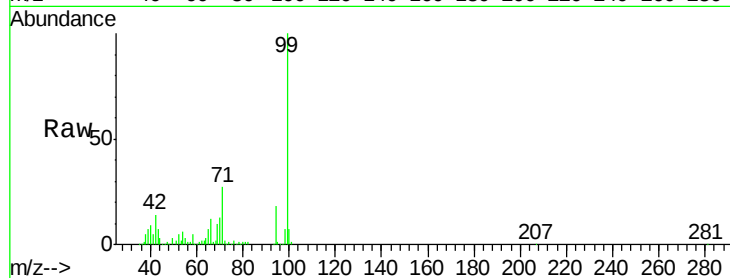
Tgt Ion: 99 Resp: 263792

Ion Ratio Lower Upper

99 100

42 14.3 18.5 27.7#

71 27.5 28.5 42.7#



#8

2-Chlorophenol

Concen: 40.18 ng

RT: 7.01 min Scan# 431

Delta R.T. -0.00 min

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Acq: 7 Jul 2015 4:17

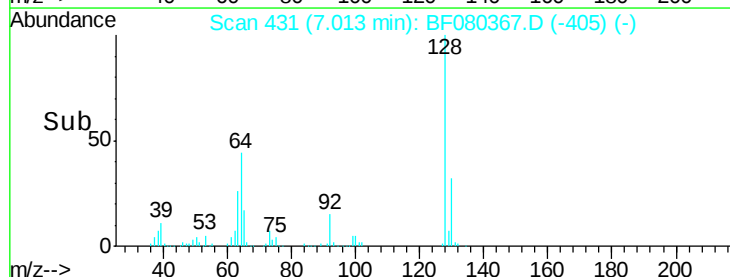
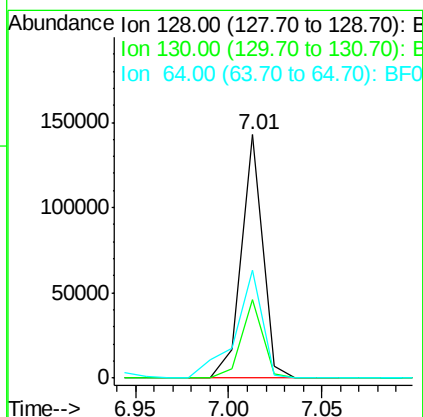
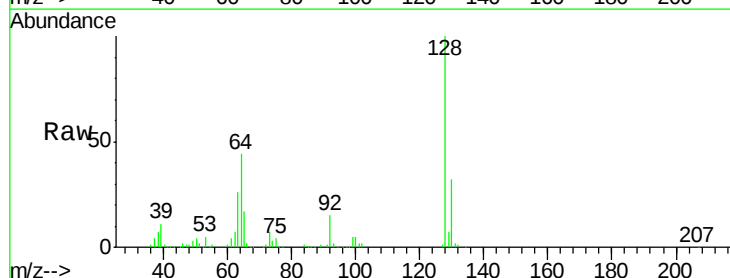
Tgt Ion: 128 Resp: 114132

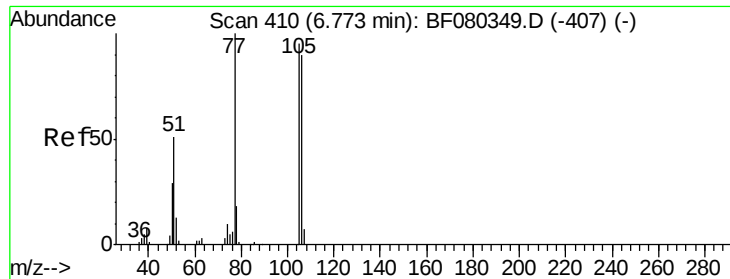
Ion Ratio Lower Upper

128 100

130 32.4 12.8 52.8

64 44.3 21.1 61.1





#9

Benzaldehyde

Concen: 34.89 ng

RT: 6.77 min Scan# 410

Delta R.T. -0.00 min

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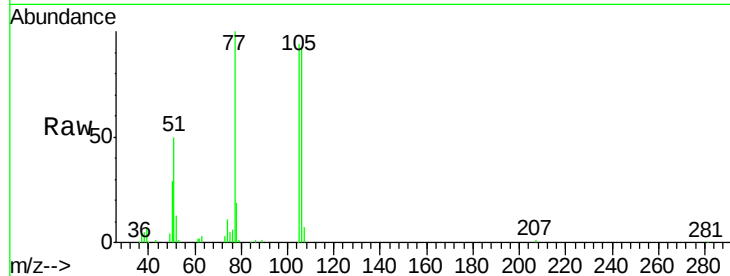
Tgt Ion: 77 Resp: 63023

Ion Ratio Lower Upper

77 100

105 94.1 75.2 115.2

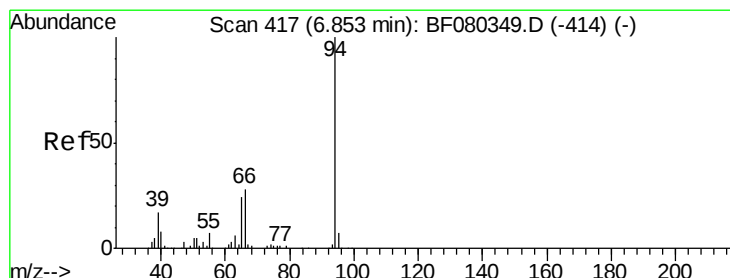
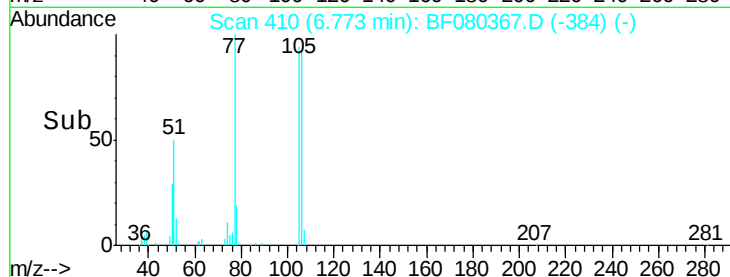
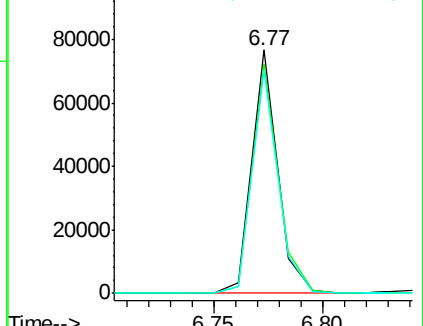
106 91.9 69.9 109.9



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 39.25 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.00 min

Lab File: BF080367.D

Acq: 7 Jul 2015 4:17

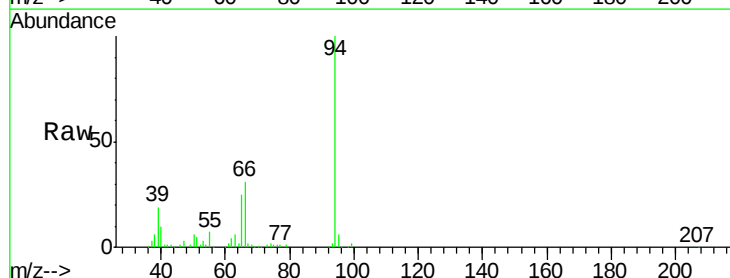
Tgt Ion: 94 Resp: 138233

Ion Ratio Lower Upper

94 100

65 25.0 3.5 43.5

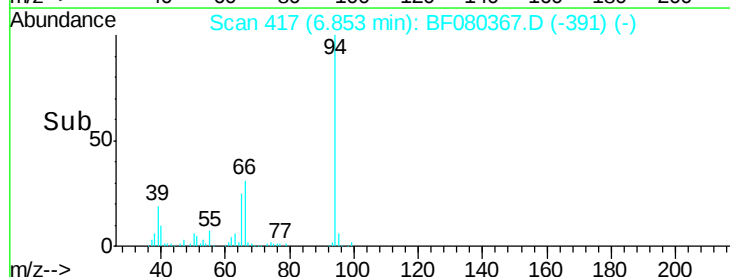
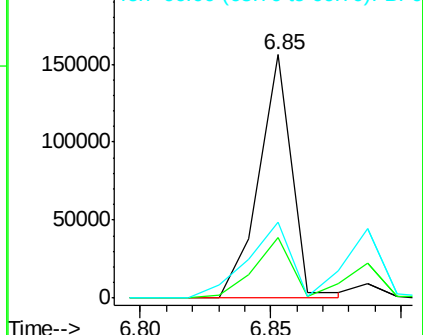
66 31.2 8.5 48.5

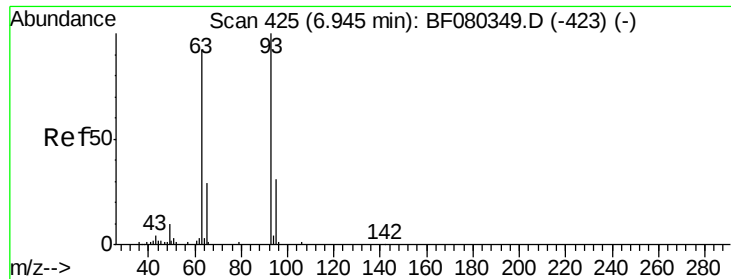


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

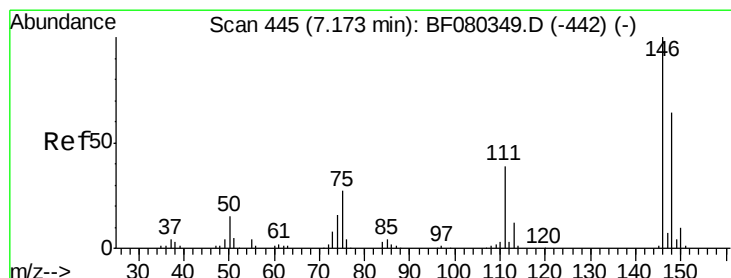
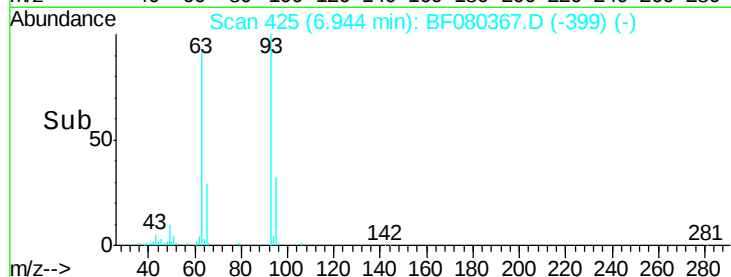
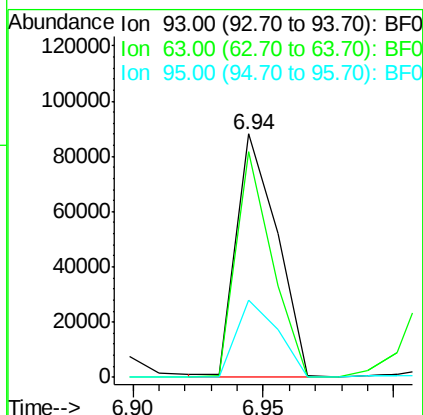
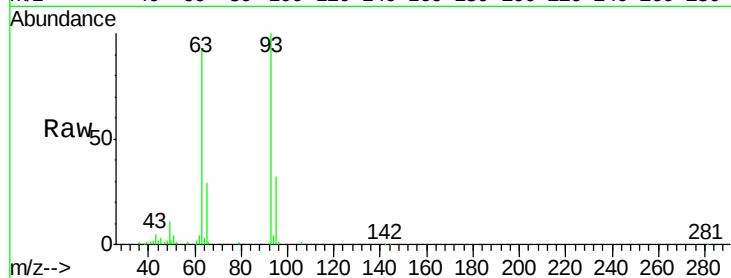




#11
bis(2-Chloroethyl)ether
Concen: 36.32 ng
RT: 6.94 min Scan# 425
Delta R.T. -0.00 min
Lab File: BF080367.D
Acq: 7 Jul 2015 4:17

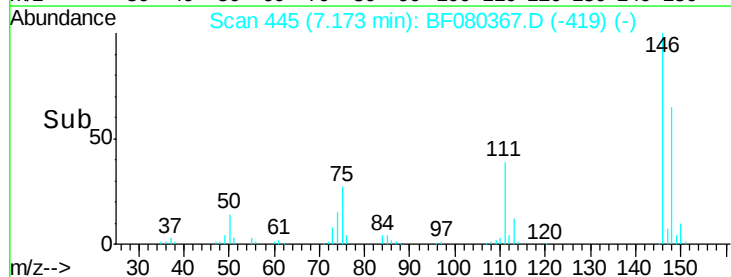
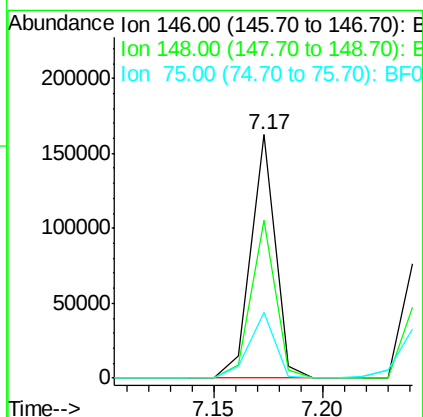
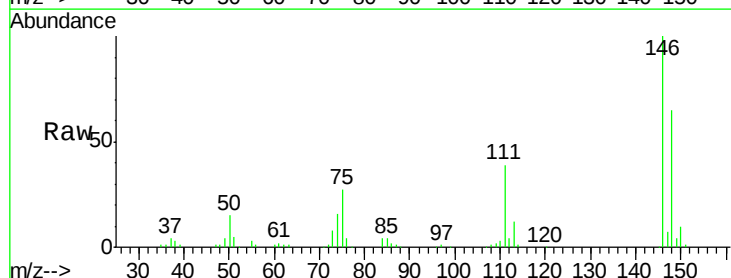
Instrument :
BNA_F
ClientSampleId :
IDOC-02-W-UM

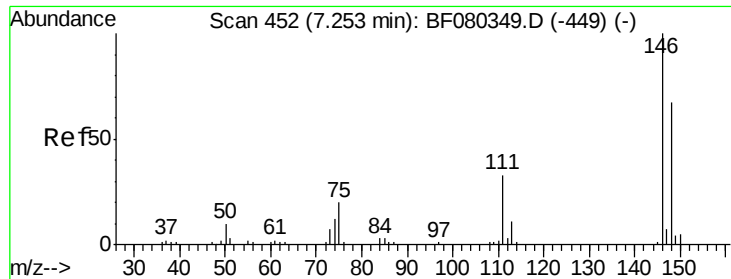
Tgt Ion: 93 Resp: 96517
Ion Ratio Lower Upper
93 100
63 92.7 71.3 111.3
95 31.6 11.3 51.3



#12
1,3-Dichlorobenzene
Concen: 36.41 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.00 min
Lab File: BF080367.D
Acq: 7 Jul 2015 4:17

Tgt Ion: 146 Resp: 126956
Ion Ratio Lower Upper
146 100
148 64.7 51.4 77.0
75 27.2 21.5 32.3

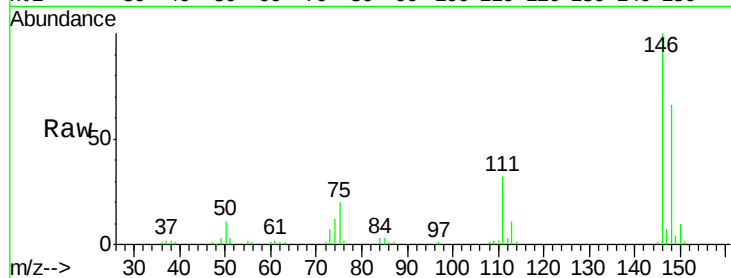




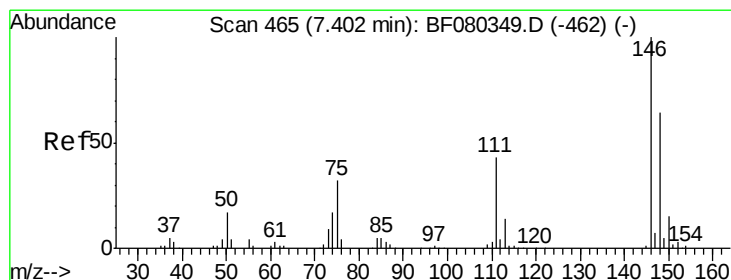
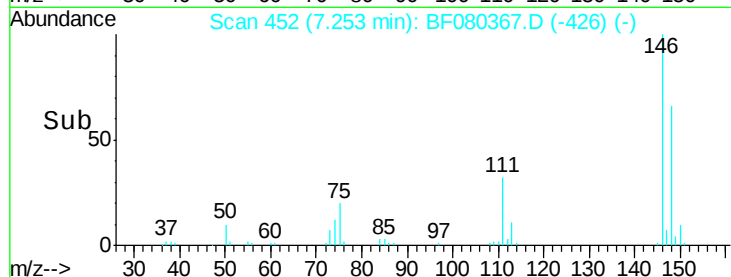
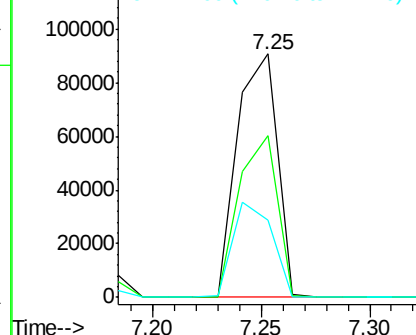
#13
 1,4-Dichlorobenzene
 Concen: 35.49 ng
 RT: 7.25 min Scan# 452
 Delta R.T. -0.00 min
 Lab File: BF080367.D
 Acq: 7 Jul 2015 4:17

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

Tgt Ion:146 Resp: 115569
 Ion Ratio Lower Upper
 146 100
 148 66.4 53.4 80.0
 111 31.9 26.2 39.2

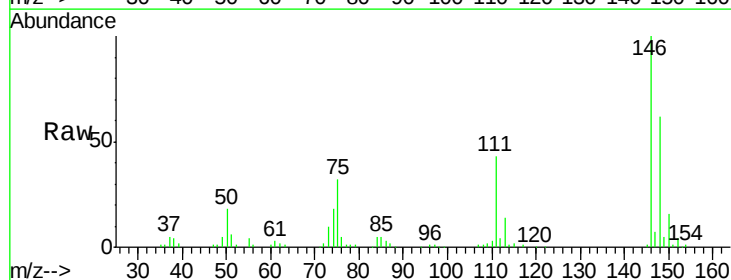


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

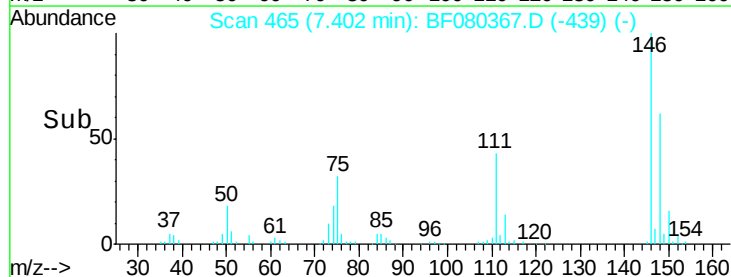
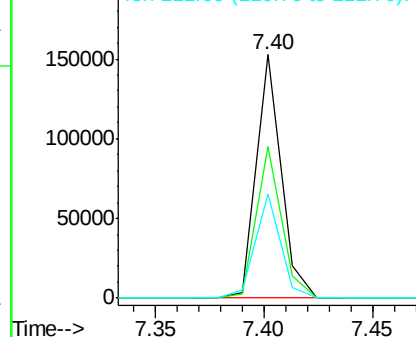


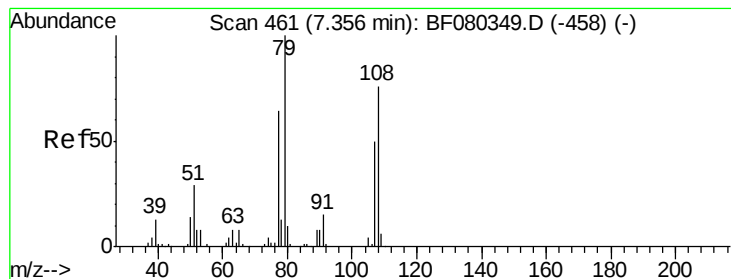
#14
 1,2-Dichlorobenzene
 Concen: 36.78 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.00 min
 Lab File: BF080367.D
 Acq: 7 Jul 2015 4:17

Tgt Ion:146 Resp: 121220
 Ion Ratio Lower Upper
 146 100
 148 62.5 51.3 76.9
 111 42.7 34.6 52.0



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





#15

Benzyl Alcohol

Concen: 38.88 ng

RT: 7.36 min Scan# 461

Delta R.T. -0.00 min

Lab File: BF080367.D

Acq: 7 Jul 2015 4:17

Instrument :

BNA_F

ClientSampleId :

IDOC-02-W-UM

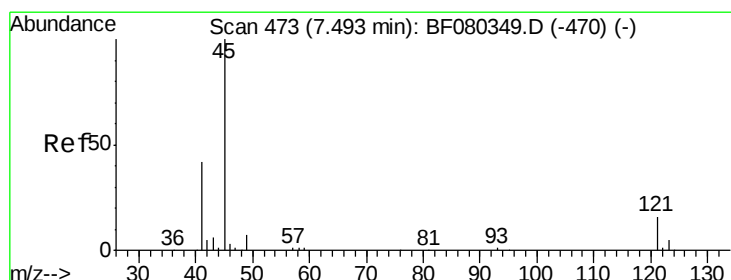
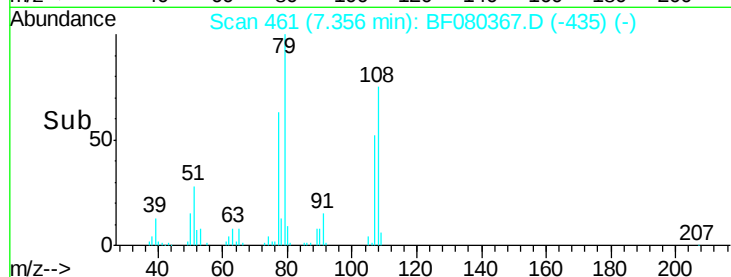
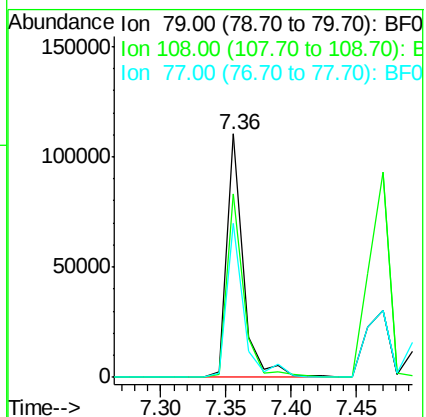
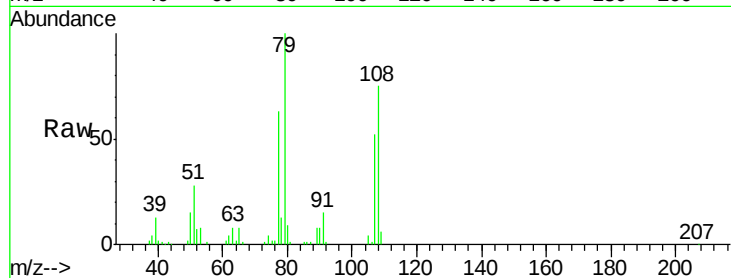
Tgt Ion: 79 Resp: 97753

Ion Ratio Lower Upper

79 100

108 75.2 60.6 90.8

77 63.3 50.8 76.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.75 ng

RT: 7.49 min Scan# 473

Delta R.T. -0.00 min

Lab File: BF080367.D

Acq: 7 Jul 2015 4:17

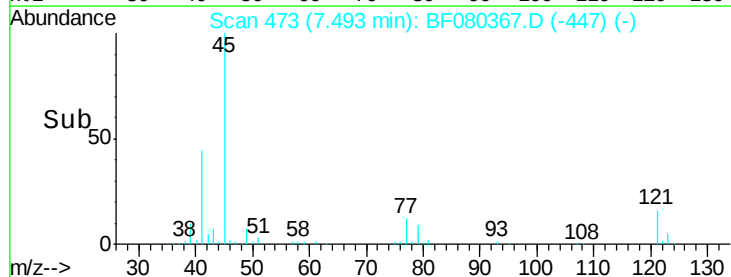
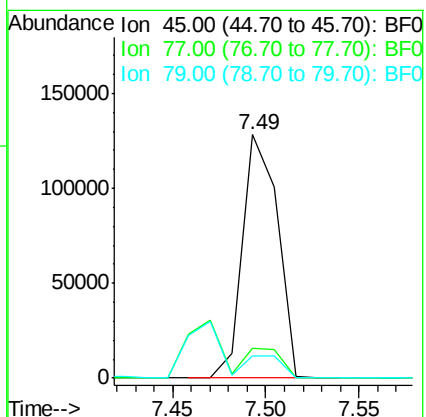
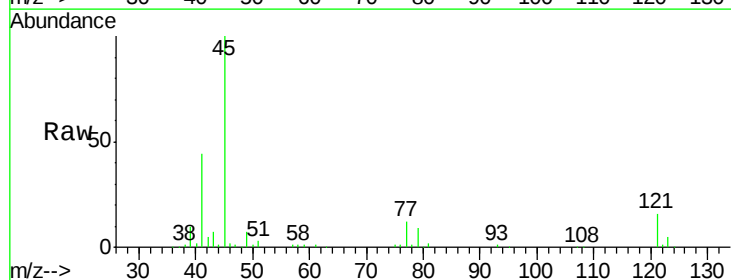
Tgt Ion: 45 Resp: 166467

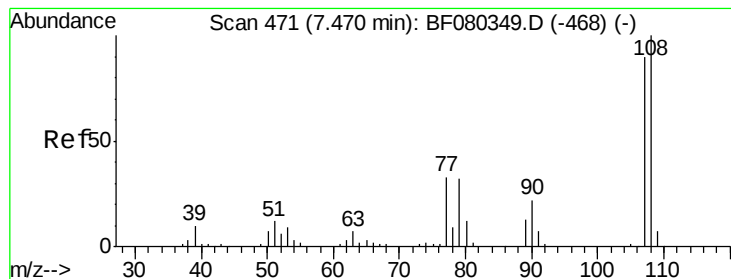
Ion Ratio Lower Upper

45 100

77 12.2 0.0 31.9

79 9.1 0.0 29.7





#17

2-Methylphenol

Concen: 38.06 ng

RT: 7.47 min Scan# 471

Delta R.T. -0.00 min

Lab File: BF080367.D

Acq: 7 Jul 2015 4:17

Instrument :

BNA_F

ClientSampleId :

IDOC-02-W-UM

Tgt Ion:107 Resp: 83795

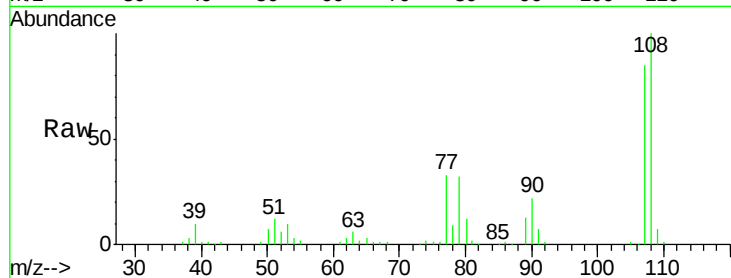
Ion Ratio Lower Upper

107 100

108 118.2 89.3 133.9

77 39.0 29.5 44.3

79 38.3 28.6 43.0

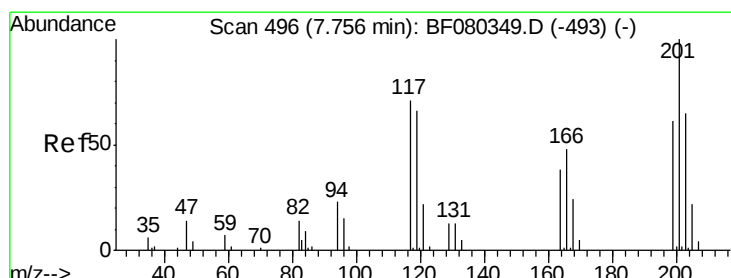
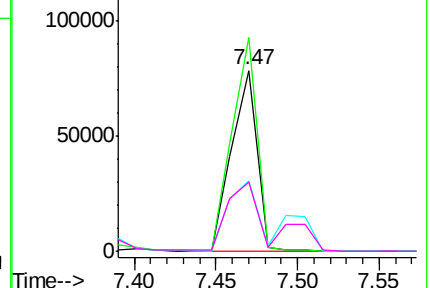
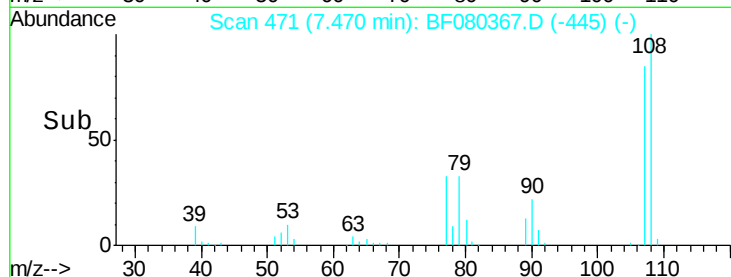


Abundance Ion 107.00 (106.70 to 107.70): E

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: 36.39 ng

RT: 7.76 min Scan# 496

Delta R.T. -0.00 min

Lab File: BF080367.D

Acq: 7 Jul 2015 4:17

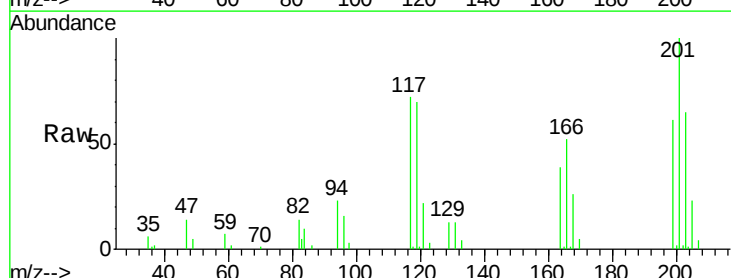
Tgt Ion:117 Resp: 38076

Ion Ratio Lower Upper

117 100

119 97.6 74.2 111.4

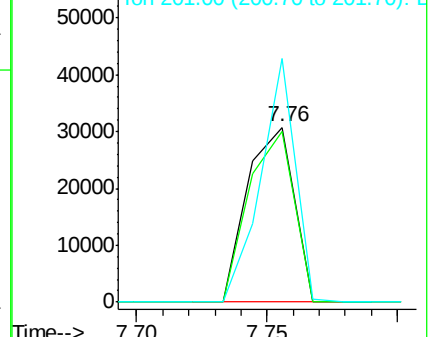
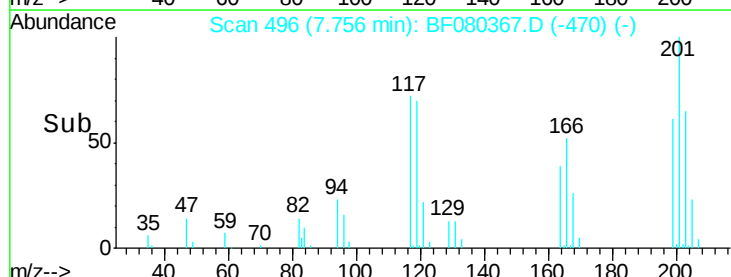
201 139.1 112.4 168.6

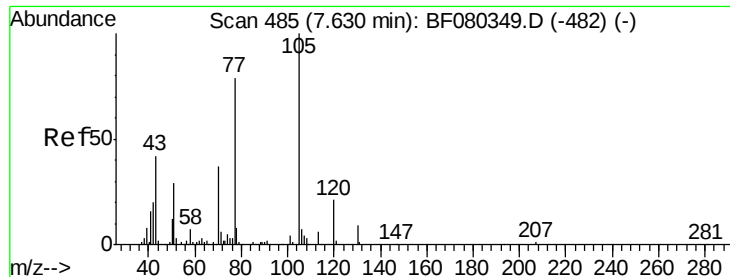


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

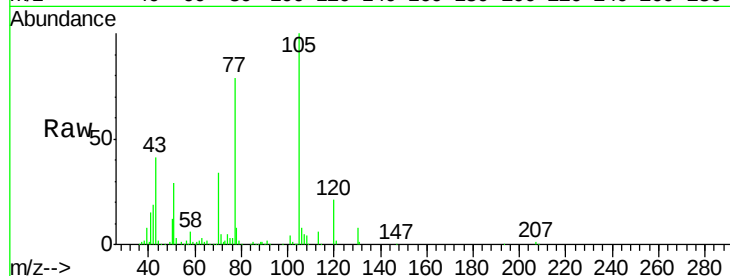




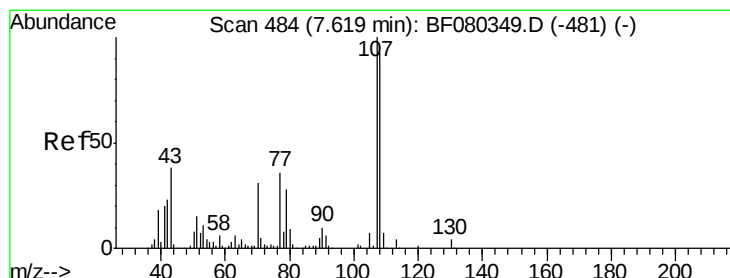
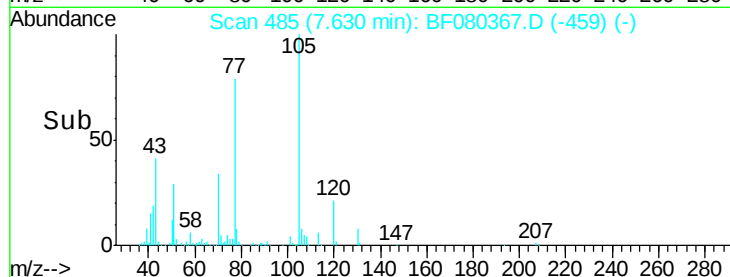
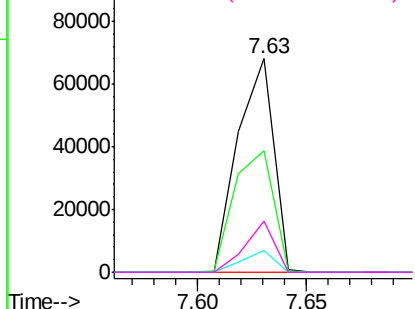
#19
n-Nitroso-di-n-propylamine
Concen: 37.07 ng
RT: 7.63 min Scan# 485
Delta R.T. -0.00 min
Lab File: BF080367.D
Acq: 7 Jul 2015 4:17

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

Tgt Ion:	70	Resp:	78131
Ion	Ratio	Lower	Upper
70	100		
42	57.0	43.0	64.6
101	10.5	8.3	12.5
130	24.0	20.2	30.2

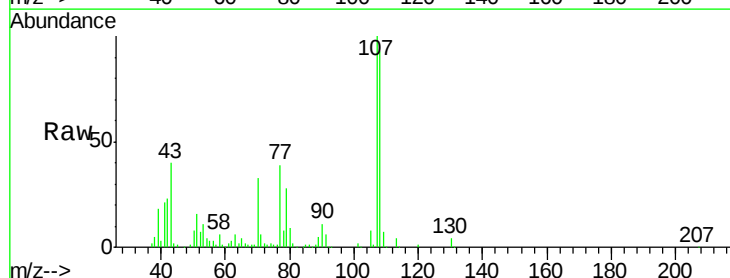


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

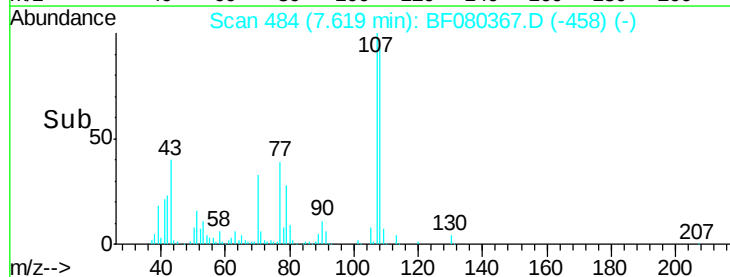
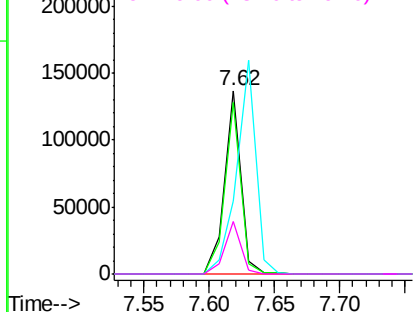


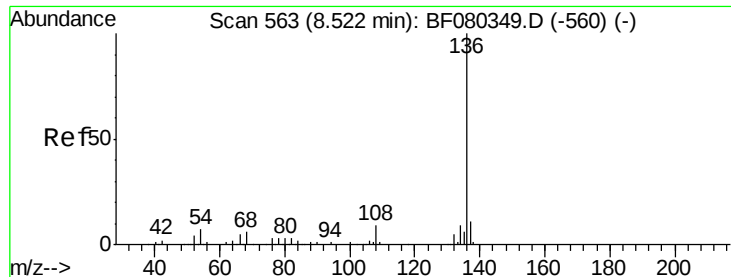
#20
3+4-Methylphenols
Concen: 39.64 ng
RT: 7.62 min Scan# 484
Delta R.T. -0.00 min
Lab File: BF080367.D
Acq: 7 Jul 2015 4:17

Tgt Ion:	107	Resp:	121637
Ion	Ratio	Lower	Upper
107	100		
108	93.4	73.4	113.4
77	39.4	16.4	56.4
79	28.3	8.2	48.2



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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.52 min Scan# 563

Delta R.T. -0.00 min

Lab File: BF080367.D

Acq: 7 Jul 2015 4:17

Instrument :

BNA_F

ClientSampleId :

IDOC-02-W-UM

Tgt Ion:136 Resp: 171814

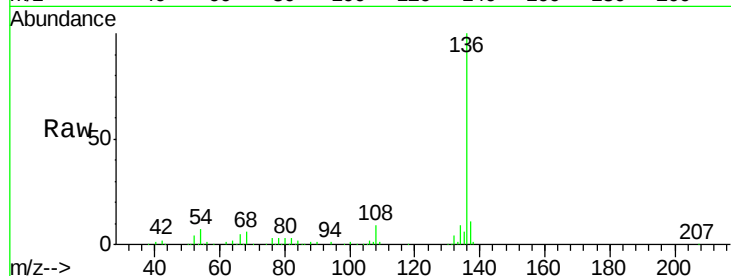
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 7.2 5.8 8.8

68 5.5 4.6 6.8

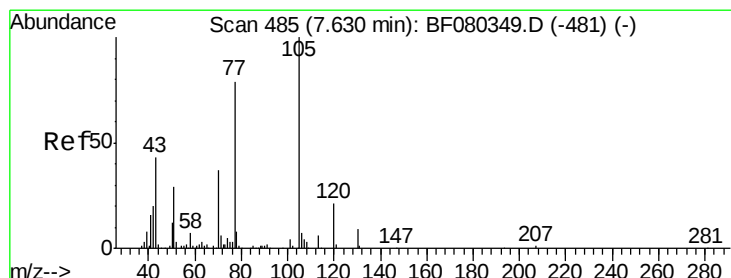
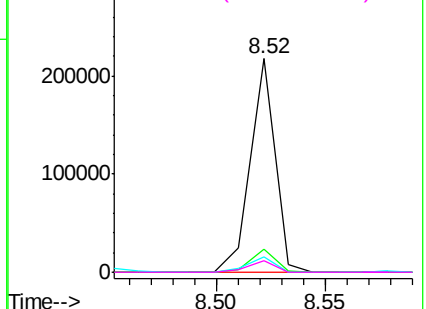
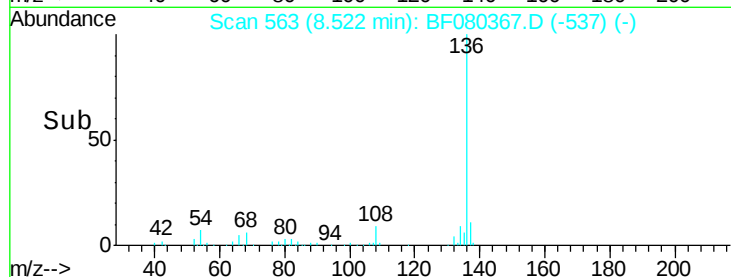


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.79 ng

RT: 7.63 min Scan# 485

Delta R.T. -0.00 min

Lab File: BF080367.D

Acq: 7 Jul 2015 4:17

Tgt Ion:105 Resp: 157705

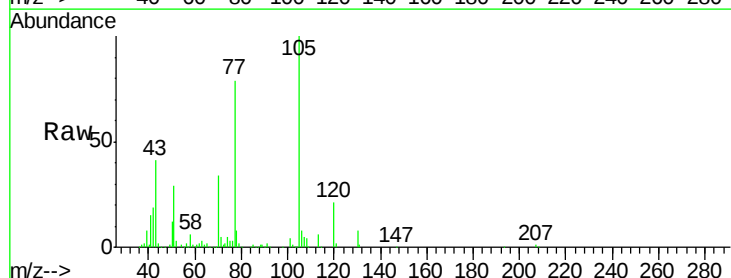
Ion Ratio Lower Upper

105 100

71 5.4 5.0 7.6

51 29.4 23.2 34.8

120 21.0 17.0 25.4

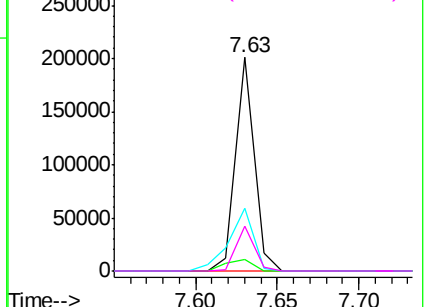
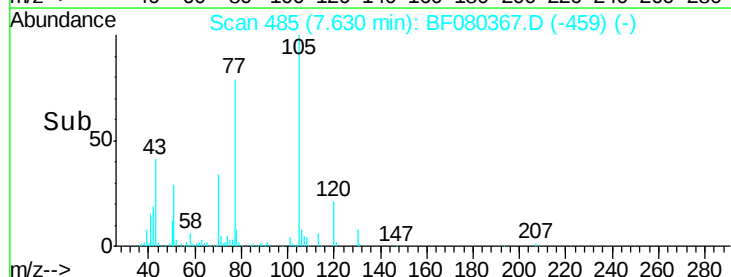


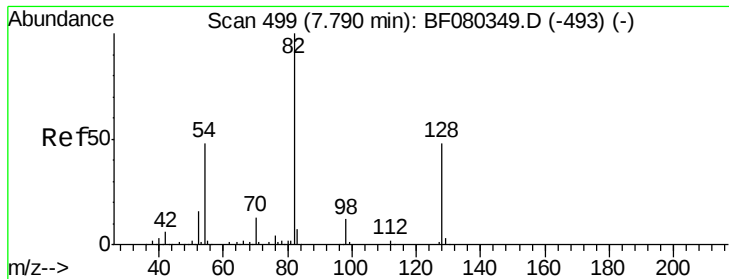
Abundance Ion 105.00 (104.70 to 105.70): E

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

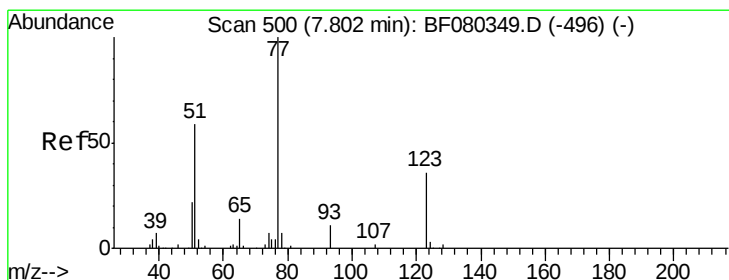
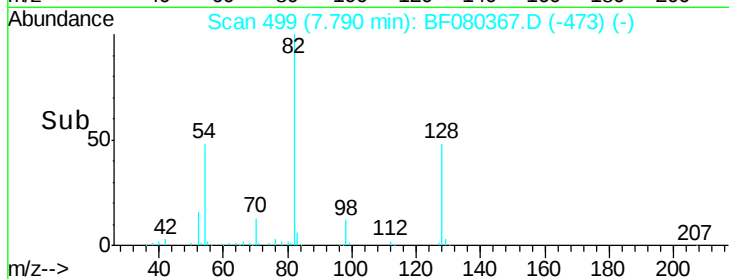
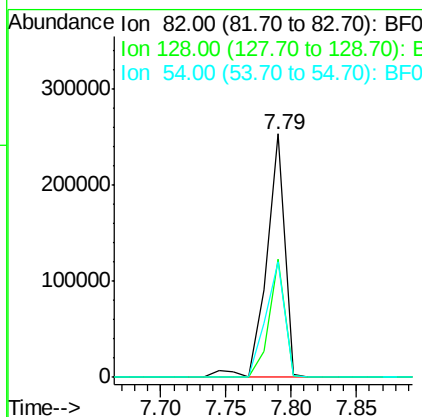
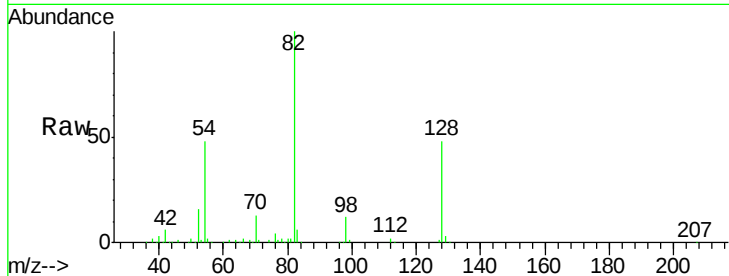




#23
 Nitrobenzene-d5
 Concen: 84.31 ng
 RT: 7.79 min Scan# 499
 Delta R.T. -0.00 min
 Lab File: BF080367.D
 Acq: 7 Jul 2015 4:17

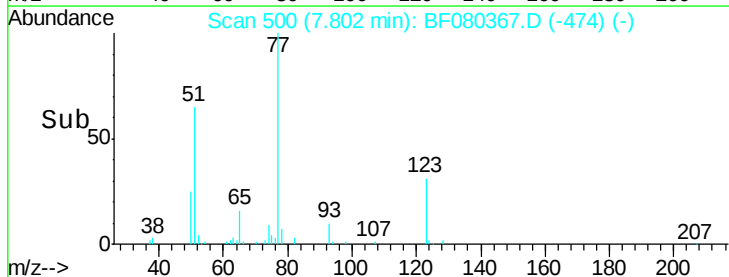
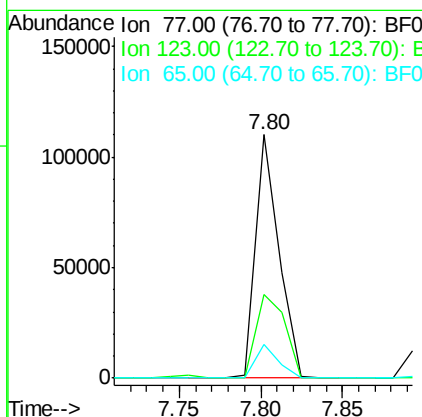
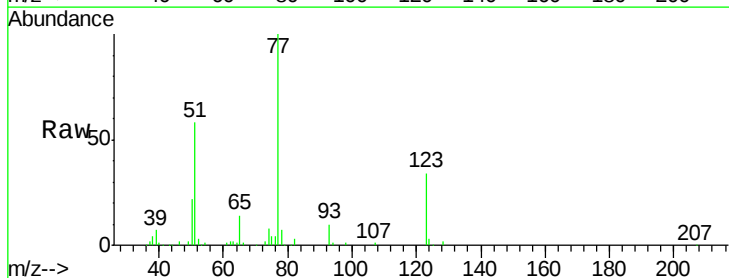
Instrument :
 BNA_F
 ClientSampleId :
 IDOC-02-W-UM

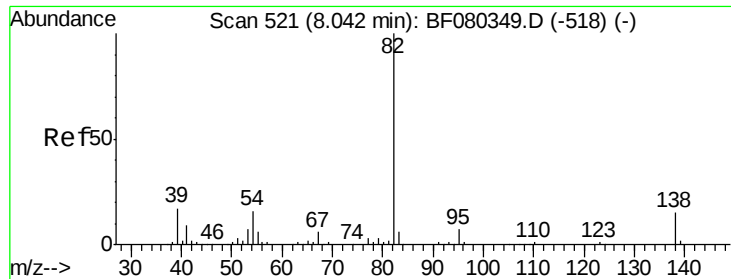
Tgt Ion: 82 Resp: 248343
 Ion Ratio Lower Upper
 82 100
 128 48.3 38.4 57.6
 54 47.6 38.2 57.2



#24
 Nitrobenzene
 Concen: 37.17 ng
 RT: 7.80 min Scan# 500
 Delta R.T. -0.00 min
 Lab File: BF080367.D
 Acq: 7 Jul 2015 4:17

Tgt Ion: 77 Resp: 109993
 Ion Ratio Lower Upper
 77 100
 123 34.1 29.6 44.4
 65 13.9 11.1 16.7

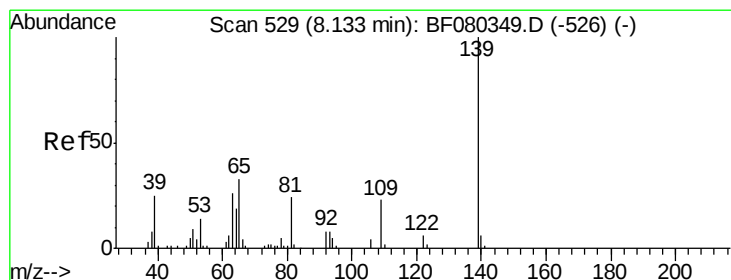
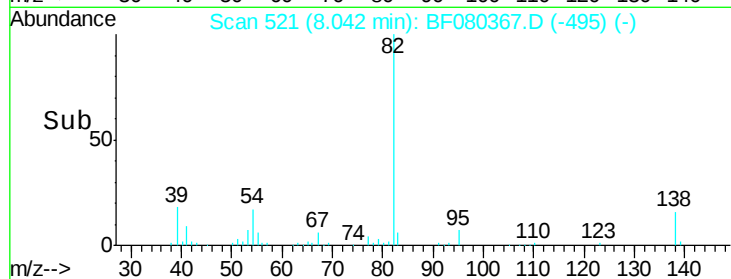
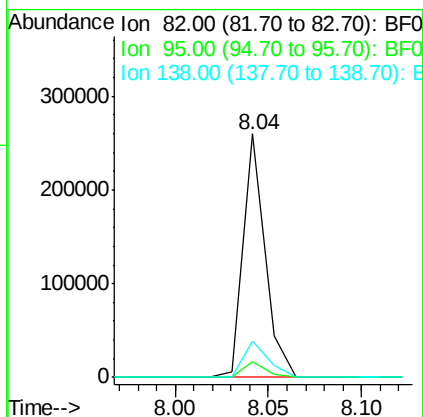
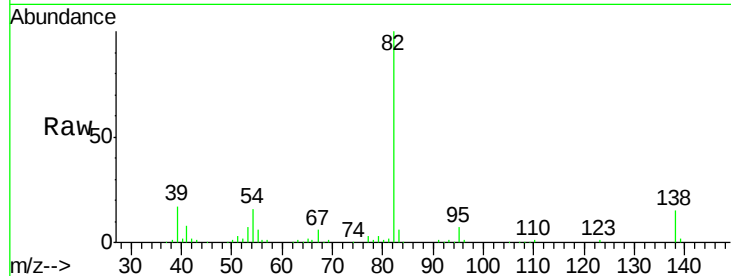




#25
Isophorone
Concen: 37.61 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.00 min
Lab File: BF080367.D
Acq: 7 Jul 2015 4:17

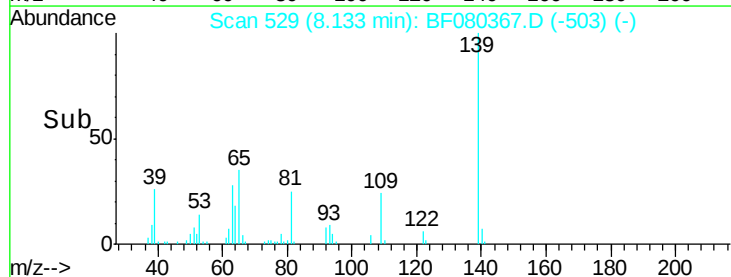
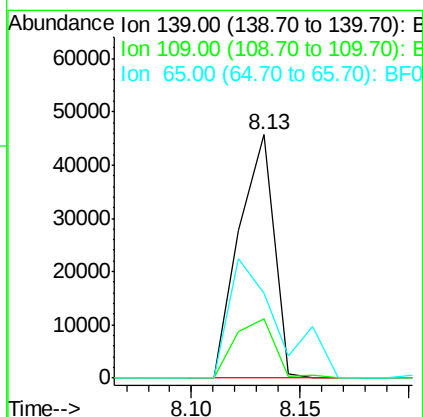
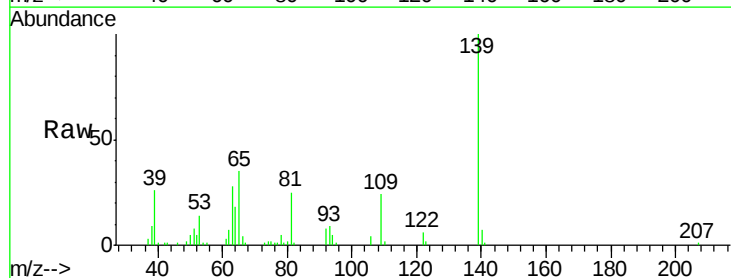
Instrument :
BNA_F
ClientSampleId :
IDOC-02-W-UM

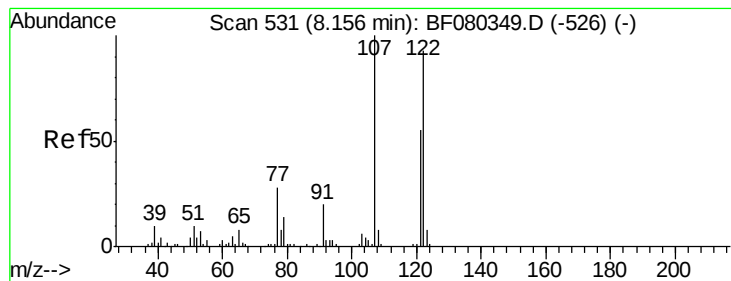
Tgt Ion: 82 Resp: 213237
Ion Ratio Lower Upper
82 100
95 6.5 5.2 7.8
138 15.1 12.0 18.0



#26
2-Nitrophenol
Concen: 39.67 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.00 min
Lab File: BF080367.D
Acq: 7 Jul 2015 4:17

Tgt Ion: 139 Resp: 50796
Ion Ratio Lower Upper
139 100
109 24.1 18.4 27.6
65 35.1 26.7 40.1

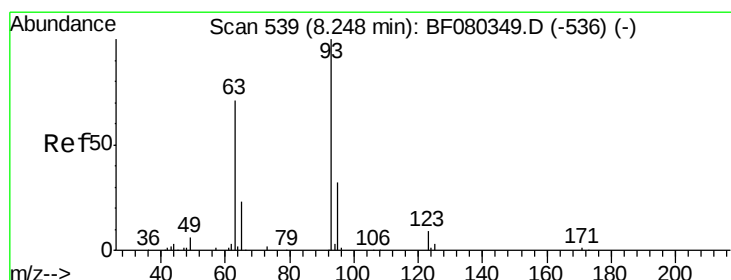
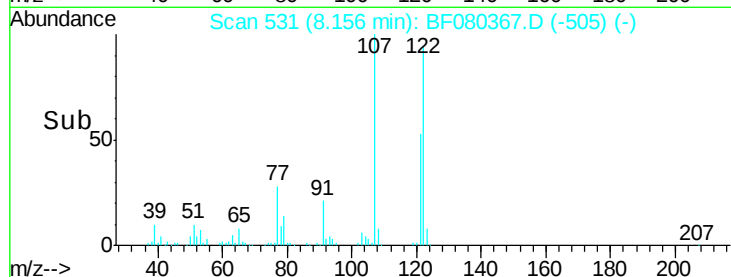
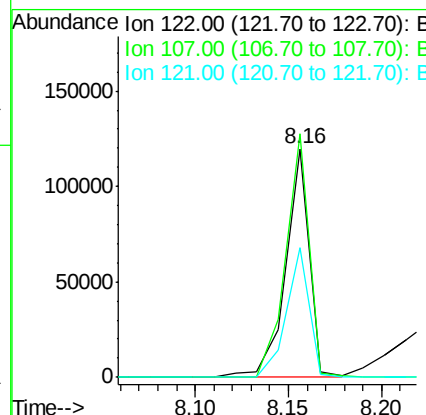
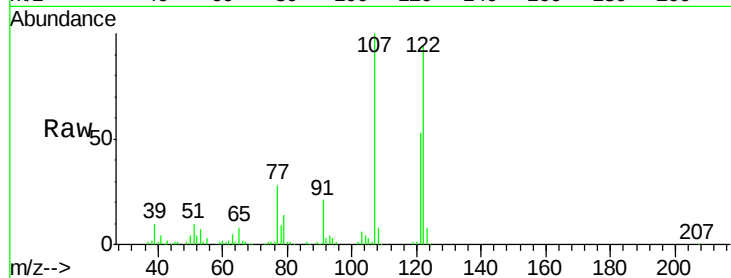




#27
 2,4-Dimethylphenol
 Concen: 41.58 ng
 RT: 8.16 min Scan# 531
 Delta R.T. -0.00 min
 Lab File: BF080367.D
 Acq: 7 Jul 2015 4:17

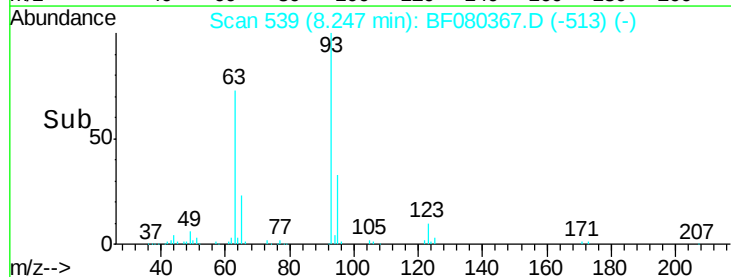
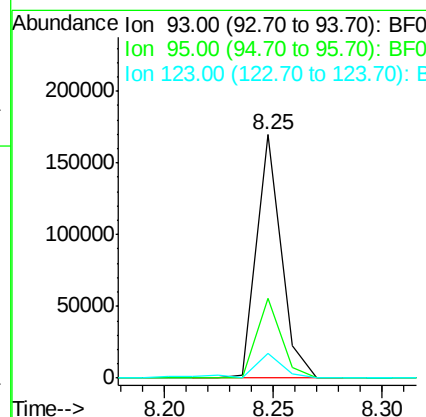
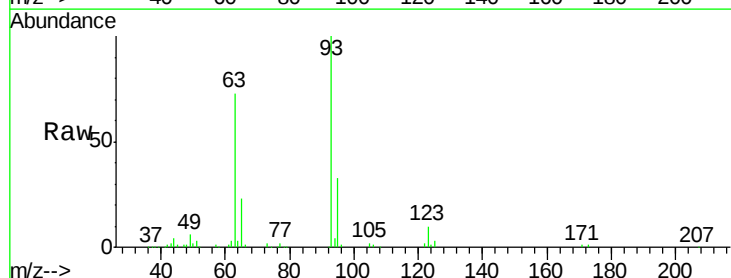
Instrument :
 BNA_F
 ClientSampleId :
 IDOC-02-W-UM

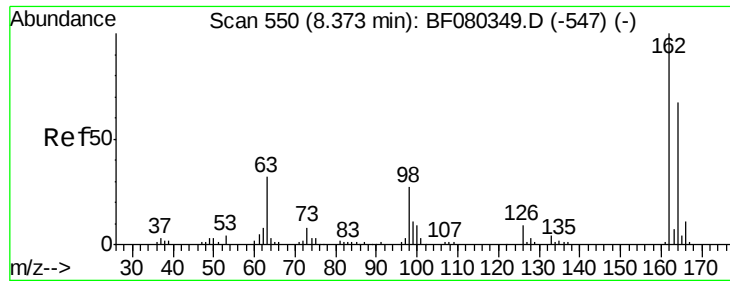
Tgt Ion:122 Resp: 104769
 Ion Ratio Lower Upper
 122 100
 107 106.7 85.8 128.6
 121 56.8 46.9 70.3



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.78 ng
 RT: 8.25 min Scan# 539
 Delta R.T. -0.00 min
 Lab File: BF080367.D
 Acq: 7 Jul 2015 4:17

Tgt Ion: 93 Resp: 133041
 Ion Ratio Lower Upper
 93 100
 95 32.8 25.3 37.9
 123 10.1 7.8 11.6

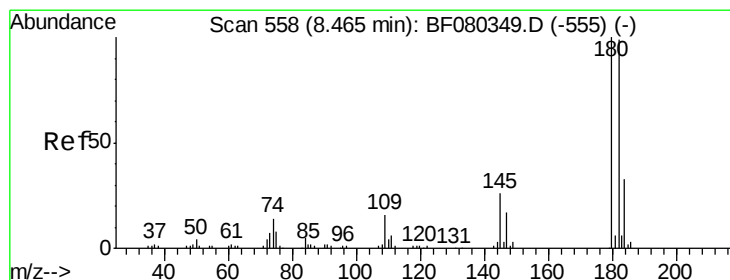
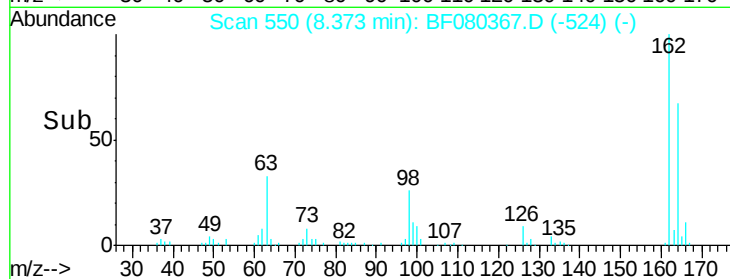
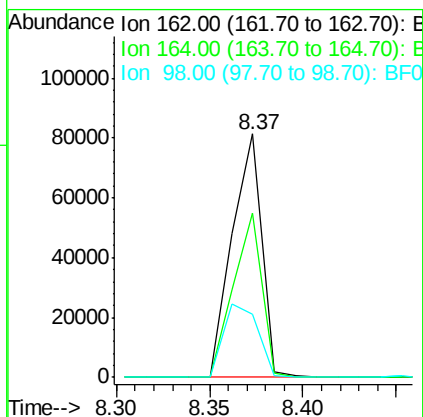
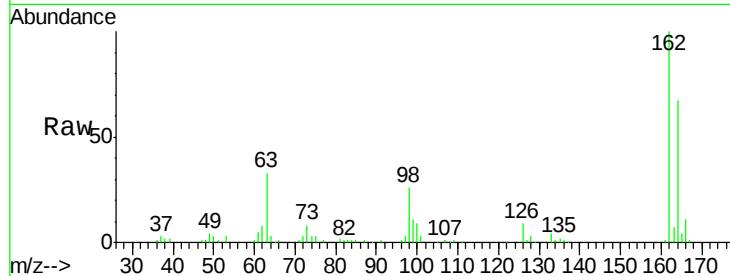




#29
 2,4-Dichlorophenol
 Concen: 40.45 ng
 RT: 8.37 min Scan# 550
 Delta R.T. -0.00 min
 Lab File: BF080367.D
 Acq: 7 Jul 2015 4:17

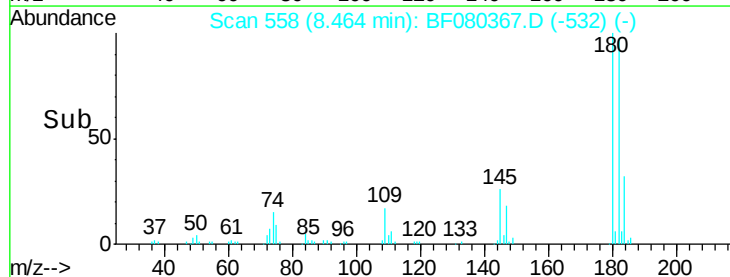
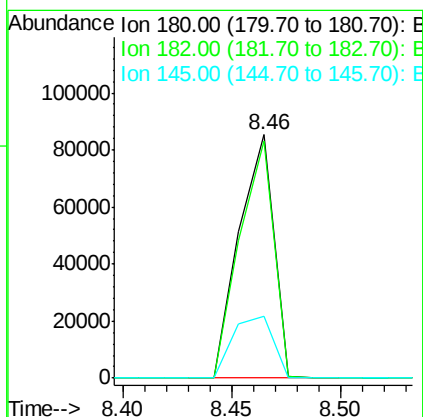
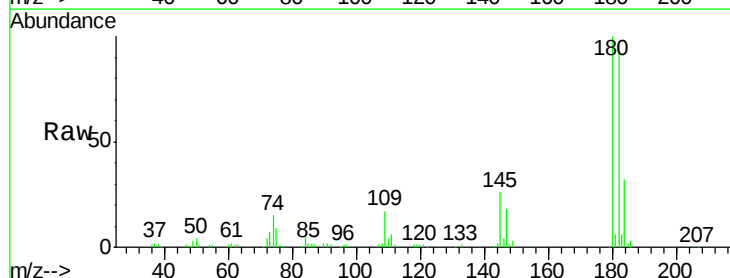
Instrument :
 BNA_F
 ClientSampleId :
 IDOC-02-W-UM

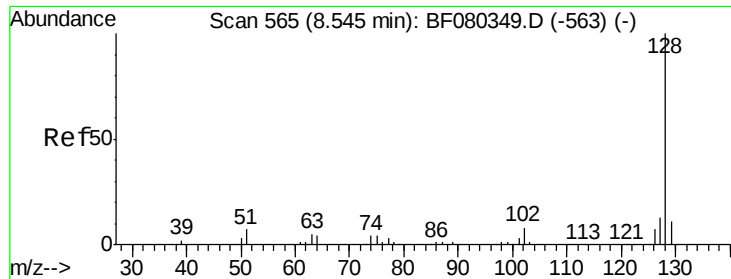
Tgt Ion	Ratio	Lower	Upper
162	100		
164	67.2	47.0	87.0
98	25.7	6.6	46.6



#30
 1,2,4-Trichlorobenzene
 Concen: 35.48 ng
 RT: 8.46 min Scan# 558
 Delta R.T. -0.00 min
 Lab File: BF080367.D
 Acq: 7 Jul 2015 4:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.3	79.0	118.4
145	25.6	20.5	30.7

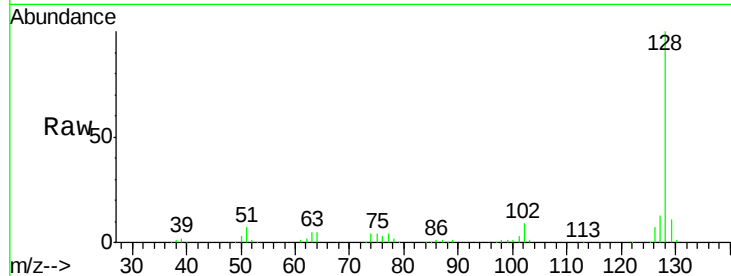




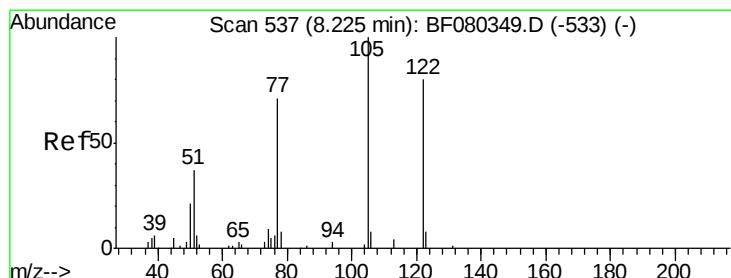
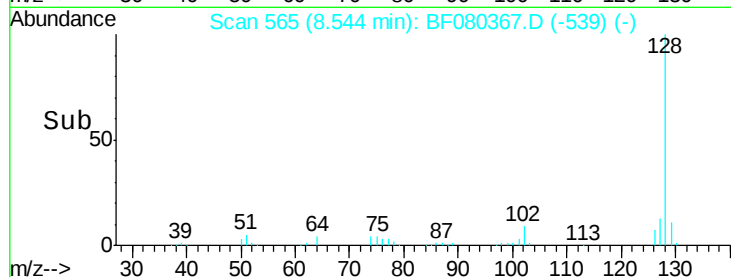
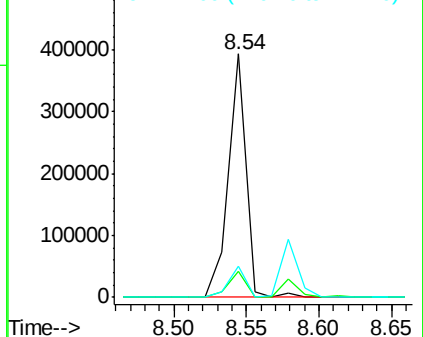
#31
Naphthalene
Concen: 37.56 ng
RT: 8.54 min Scan# 565
Delta R.T. -0.00 min
Lab File: BF080367.D
Acq: 7 Jul 2015 4:17

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

Tgt Ion:128 Resp: 331029
Ion Ratio Lower Upper
128 100
129 10.7 8.8 13.2
127 13.0 10.4 15.6

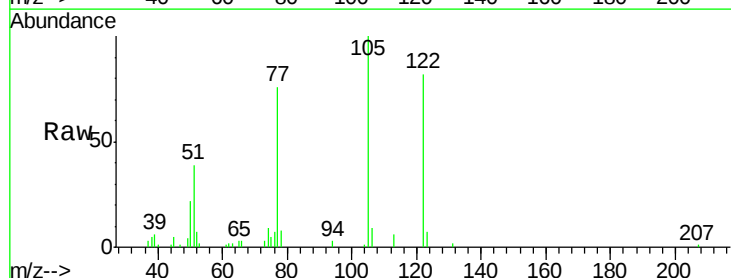


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

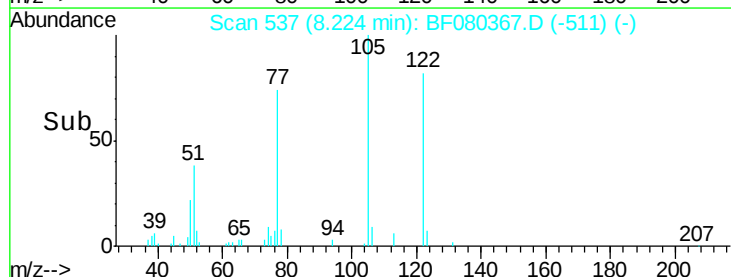
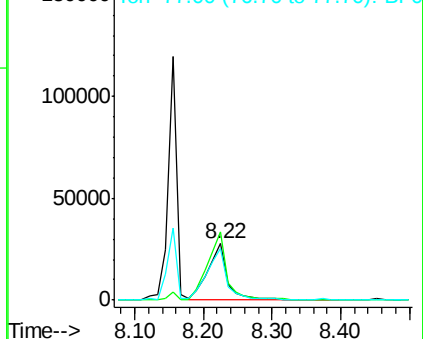


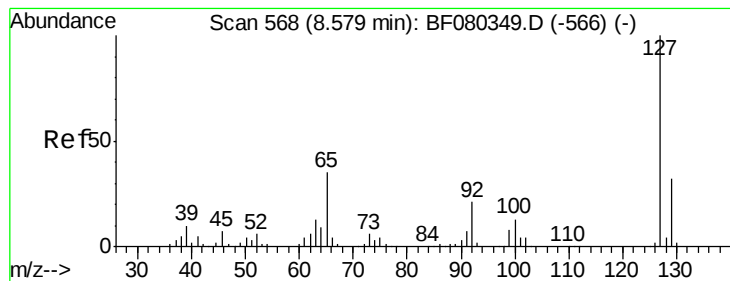
#32
Benzoic acid
Concen: 43.52 ng
RT: 8.22 min Scan# 537
Delta R.T. 0.00 min
Lab File: BF080367.D
Acq: 7 Jul 2015 4:17

Tgt Ion:122 Resp: 56888
Ion Ratio Lower Upper
122 100
105 121.4 102.2 142.2
77 92.0 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

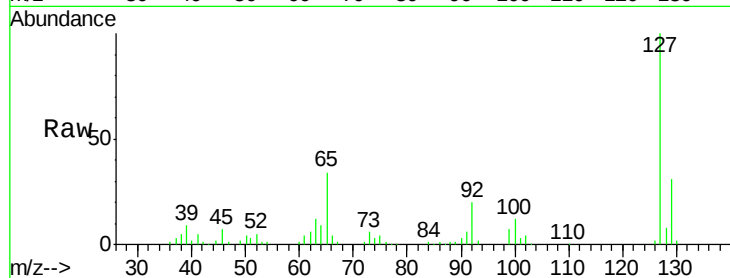




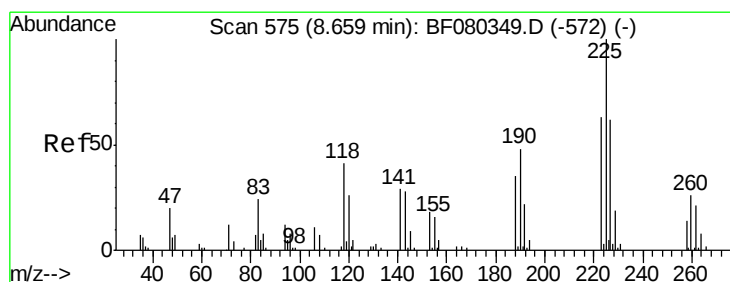
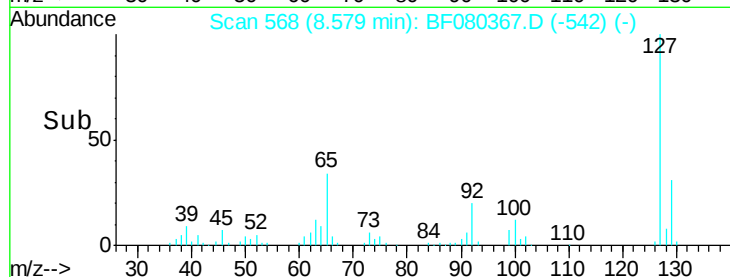
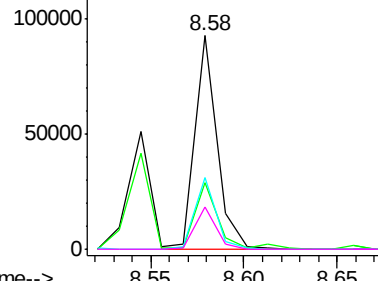
#33
 4-Chloroaniline
 Concen: 21.99 ng
 RT: 8.58 min Scan# 568
 Delta R.T. -0.00 min
 Lab File: BF080367.D
 Acq: 7 Jul 2015 4:17

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

Tgt Ion:	127	Resp:	77235
Ion	Ratio	Lower	Upper
127	100		
129	31.2	26.2	39.2
65	33.6	28.1	42.1
92	19.6	16.6	24.8

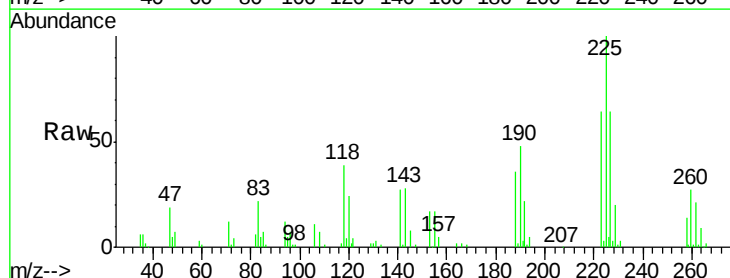


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

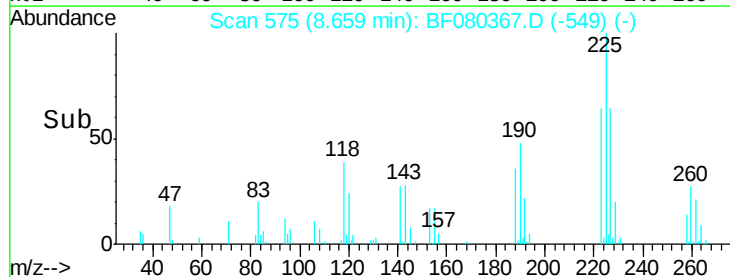
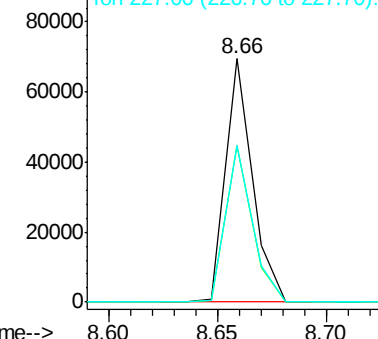


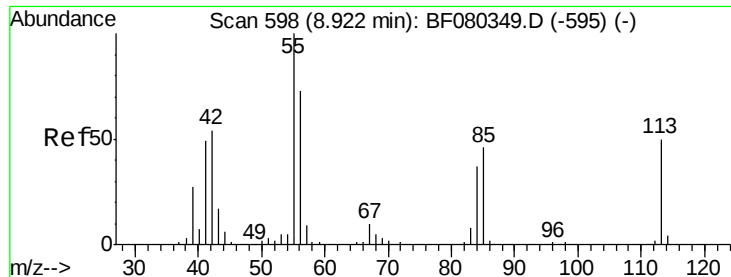
#34
 Hexachlorobutadiene
 Concen: 36.65 ng
 RT: 8.66 min Scan# 575
 Delta R.T. -0.00 min
 Lab File: BF080367.D
 Acq: 7 Jul 2015 4:17

Tgt Ion:	225	Resp:	59268
Ion	Ratio	Lower	Upper
225	100		
223	64.1	50.3	75.5
227	64.2	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

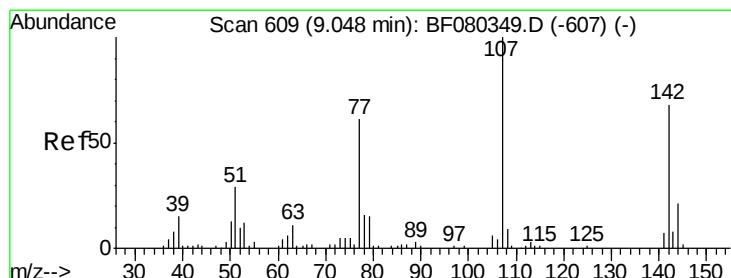
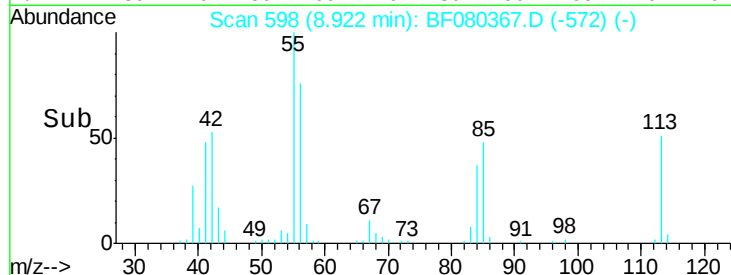
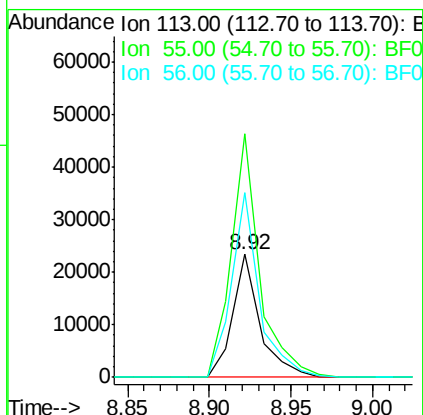
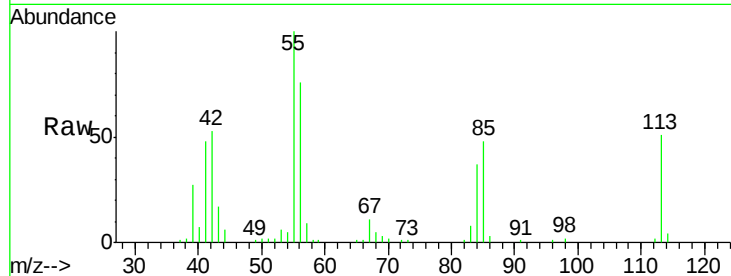




#35
 Caprolactam
 Concen: 38.83 ng
 RT: 8.92 min Scan# 598
 Delta R.T. -0.00 min
 Lab File: BF080367.D
 Acq: 7 Jul 2015 4:17

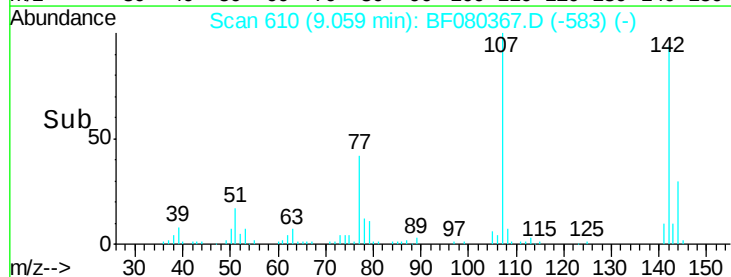
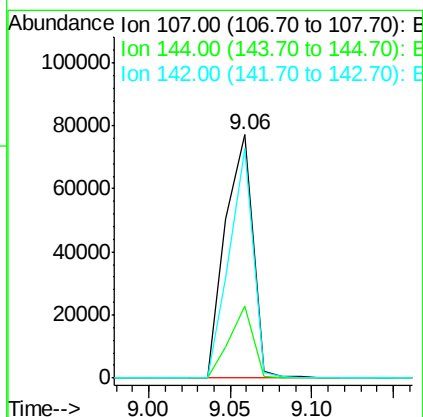
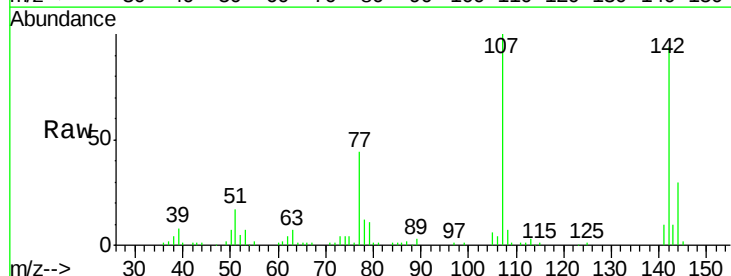
Instrument :
 BNA_F
 ClientSampleId :
 IDOC-02-W-UM

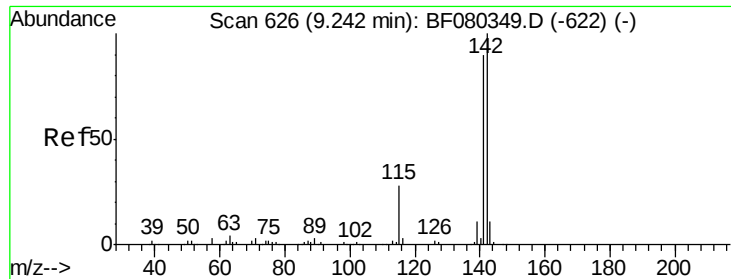
Tgt Ion:113 Resp: 26824
 Ion Ratio Lower Upper
 113 100
 55 197.8 181.4 221.4
 56 150.0 127.3 167.3



#36
 4-Chloro-3-methylphenol
 Concen: 38.88 ng
 RT: 9.06 min Scan# 610
 Delta R.T. 0.01 min
 Lab File: BF080367.D
 Acq: 7 Jul 2015 4:17

Tgt Ion:107 Resp: 89748
 Ion Ratio Lower Upper
 107 100
 144 29.8 16.7 25.1#
 142 94.4 54.4 81.6#

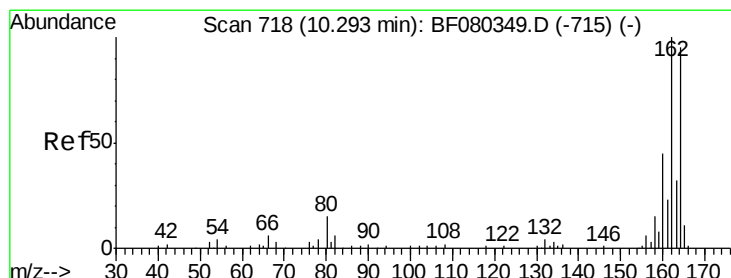
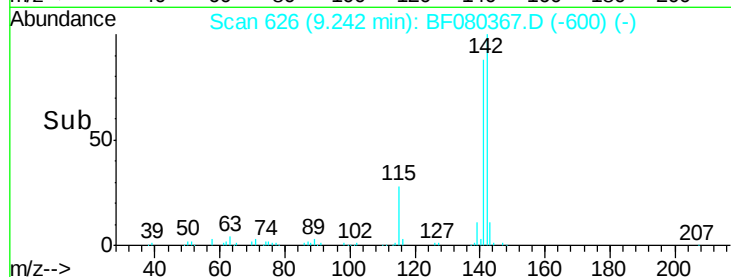
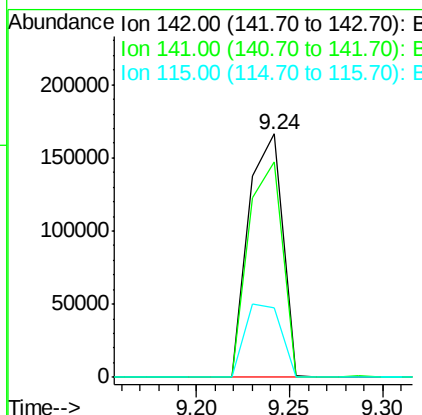
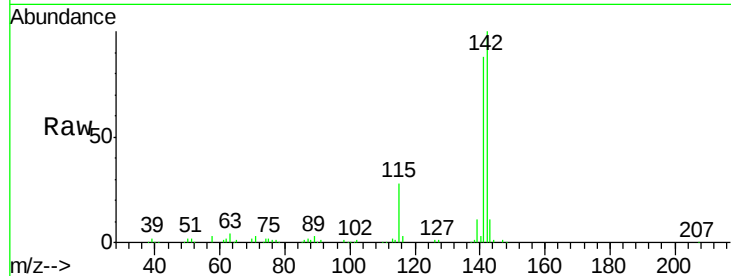




#37
2-Methylnaphthalene
Concen: 37.33 ng
RT: 9.24 min Scan# 626
Delta R.T. -0.00 min
Lab File: BF080367.D
Acq: 7 Jul 2015 4:17

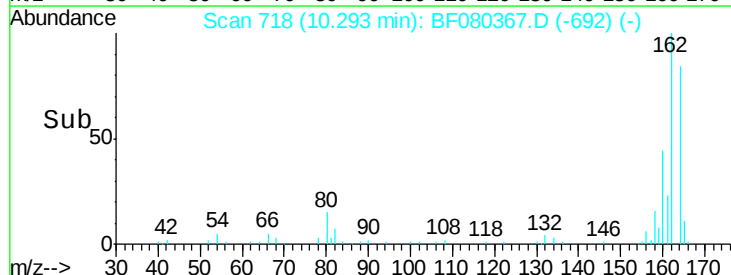
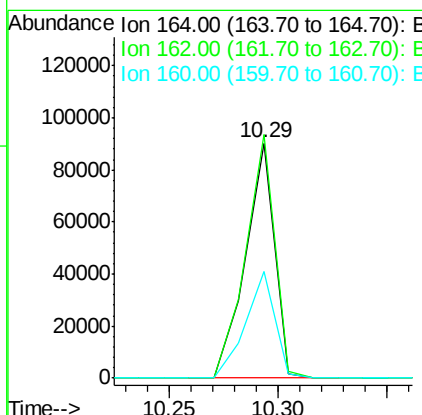
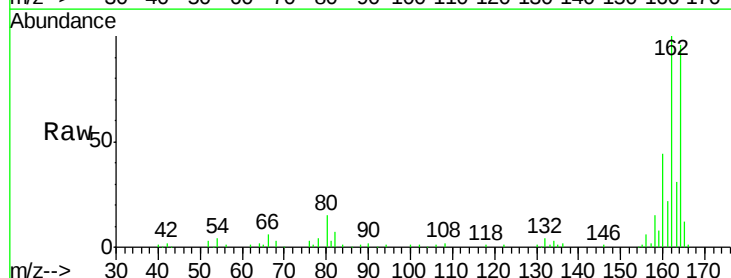
Instrument :
BNA_F
ClientSampleId :
IDOC-02-W-UM

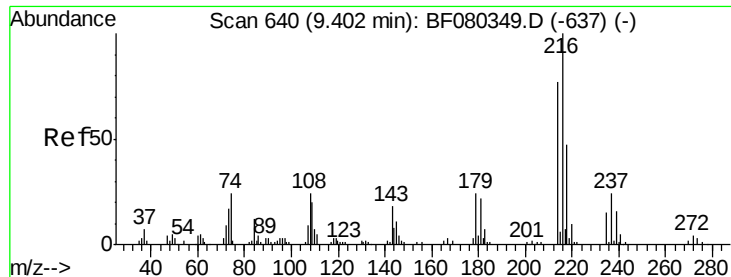
Tgt Ion:142 Resp: 209765
Ion Ratio Lower Upper
142 100
141 88.4 71.8 107.8
115 28.4 22.6 34.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.29 min Scan# 718
Delta R.T. -0.00 min
Lab File: BF080367.D
Acq: 7 Jul 2015 4:17

Tgt Ion:164 Resp: 83094
Ion Ratio Lower Upper
164 100
162 103.7 84.5 126.7
160 45.5 37.7 56.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.88 ng

RT: 9.40 min Scan# 640

Delta R.T. -0.00 min

Lab File: BF080367.D

Acq: 7 Jul 2015 4:17

Instrument :

BNA_F

ClientSampleId :

IDOC-02-W-UM

Tgt Ion:216 Resp: 97124

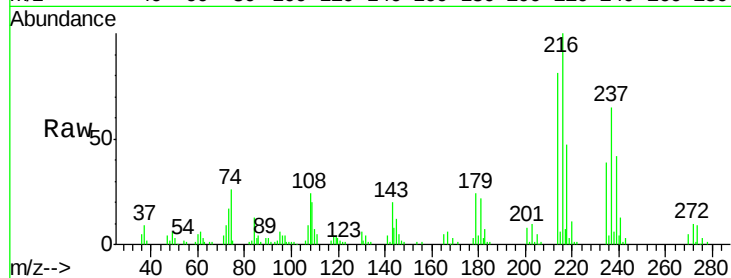
Ion Ratio Lower Upper

216 100

214 78.7 61.2 91.8

179 20.8 16.9 25.3

108 20.6 16.2 24.4

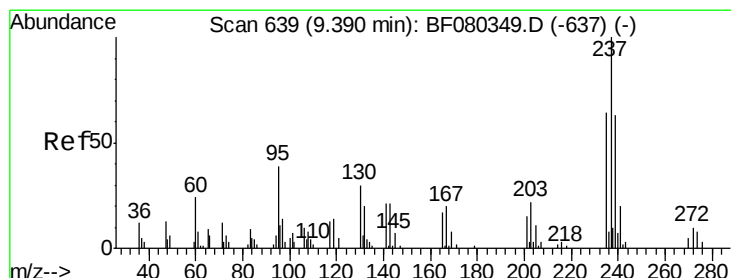
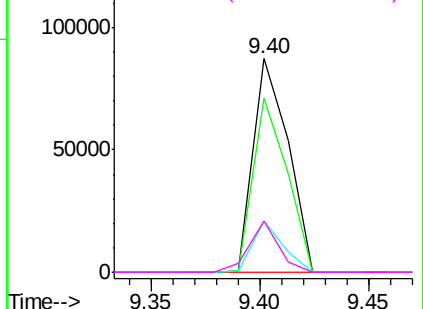
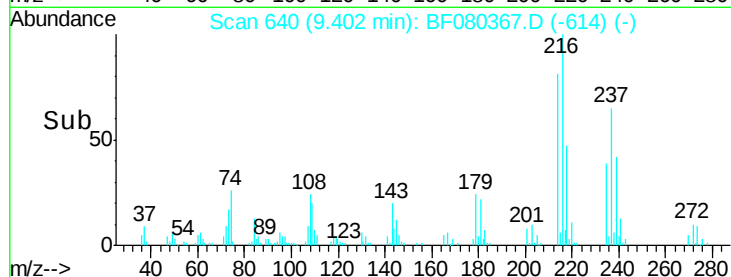


Abundance Ion 216.00 (215.70 to 216.70): E

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: 68.20 ng

RT: 9.40 min Scan# 640

Delta R.T. 0.01 min

Lab File: BF080367.D

Acq: 7 Jul 2015 4:17

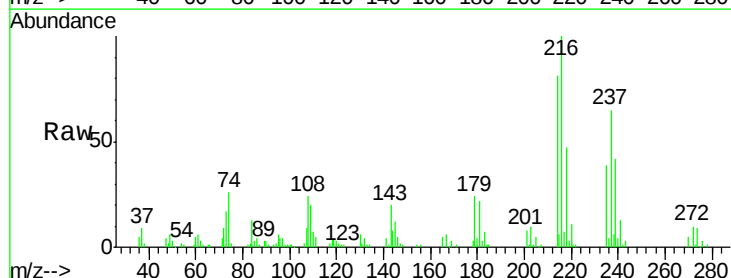
Tgt Ion:237 Resp: 73408

Ion Ratio Lower Upper

237 100

235 60.1 44.2 84.2

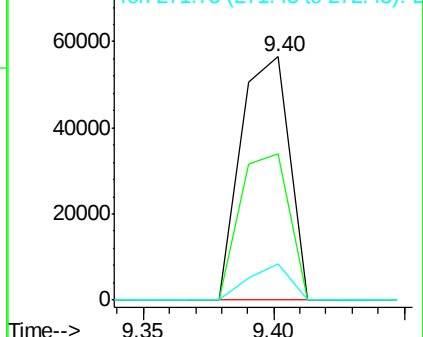
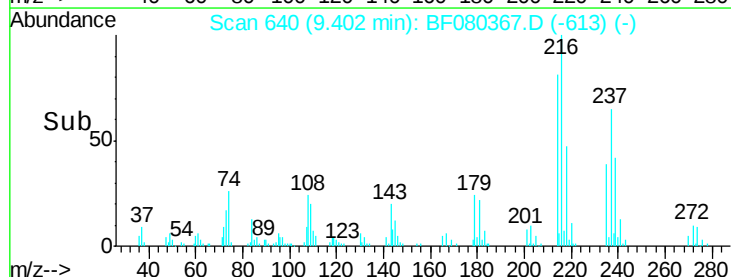
272 14.9 0.0 29.7

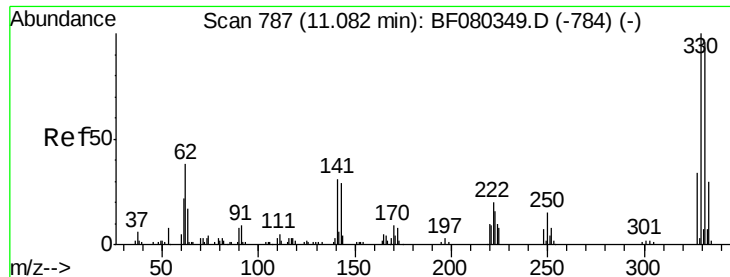


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

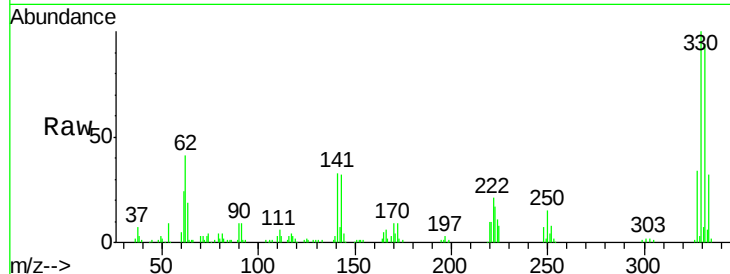




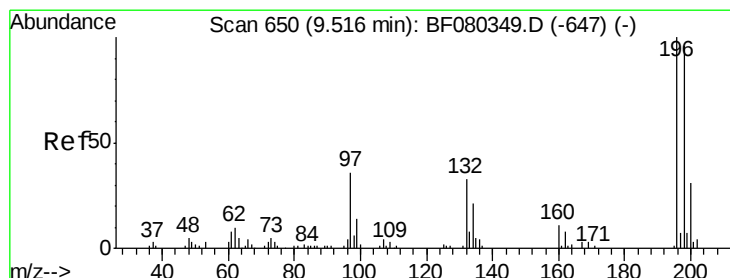
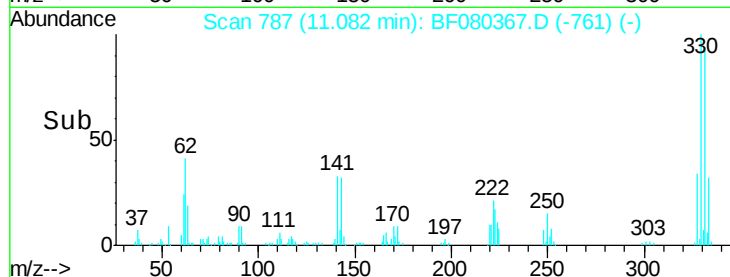
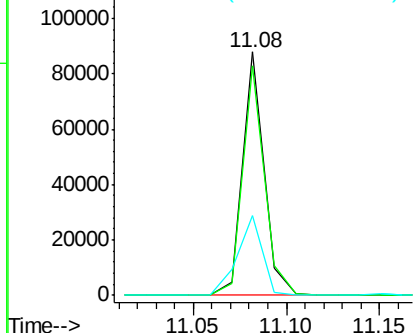
#41
 2,4,6-Tribromophenol
 Concen: 81.69 ng
 RT: 11.08 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF080367.D
 Acq: 7 Jul 2015 4:17

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

Tgt Ion:330 Resp: 71028
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.0 115.4
 141 37.5 29.6 44.4

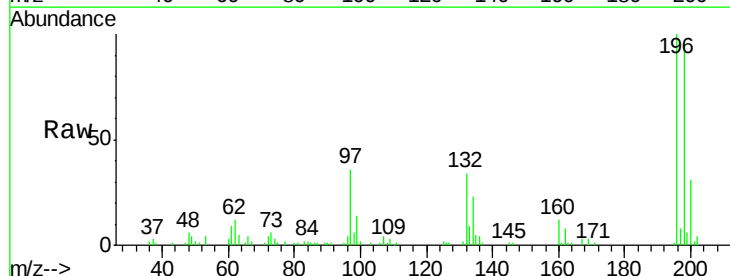


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

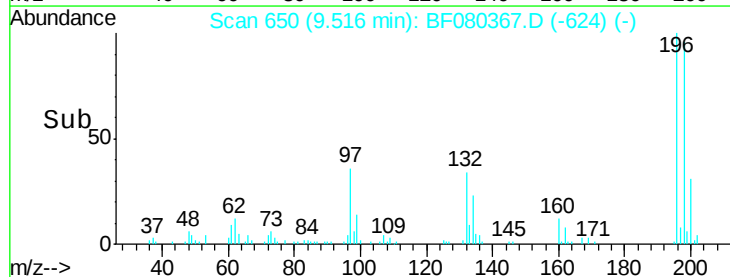
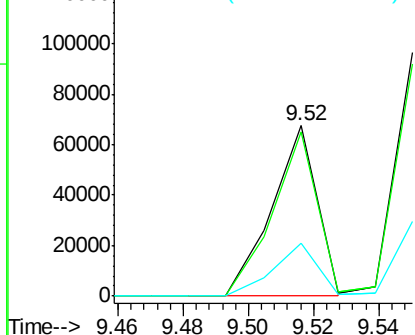


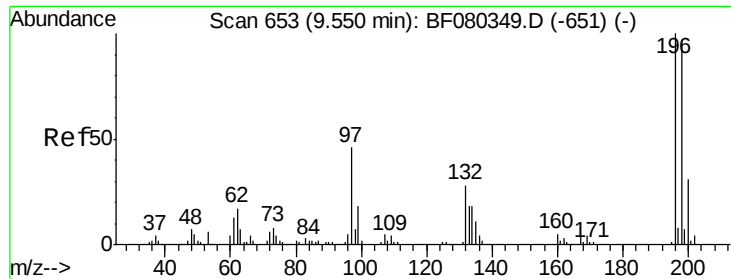
#42
 2,4,6-Trichlorophenol
 Concen: 37.44 ng
 RT: 9.52 min Scan# 650
 Delta R.T. -0.00 min
 Lab File: BF080367.D
 Acq: 7 Jul 2015 4:17

Tgt Ion:196 Resp: 64953
 Ion Ratio Lower Upper
 196 100
 198 96.1 76.4 114.6
 200 31.0 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

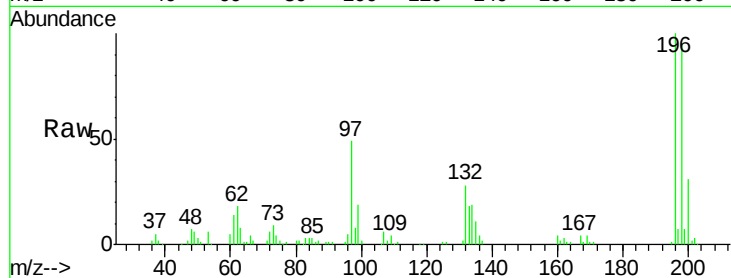




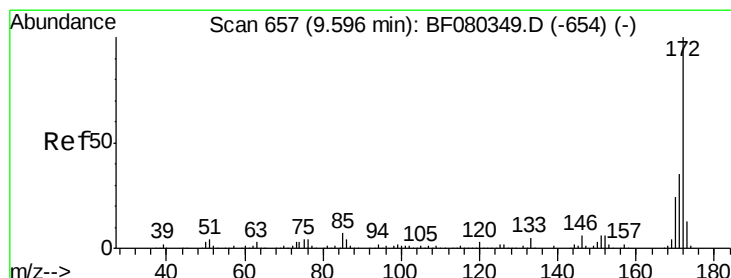
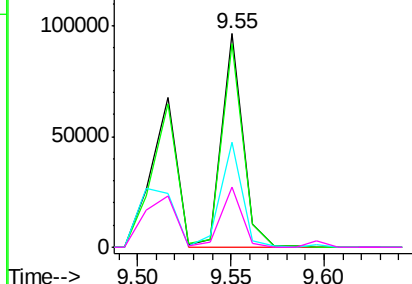
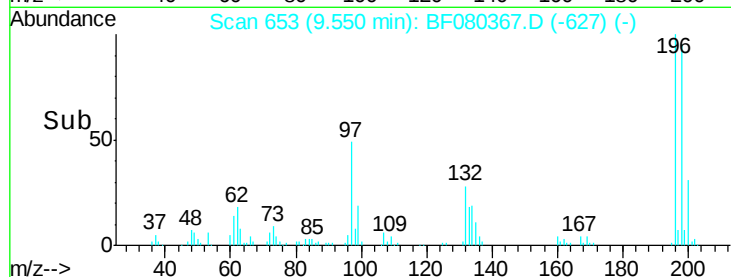
#43
 2,4,5-Trichlorophenol
 Concen: 38.03 ng
 RT: 9.55 min Scan# 653
 Delta R.T. -0.00 min
 Lab File: BF080367.D
 Acq: 7 Jul 2015 4:17

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

Tgt Ion:	196	Resp:	76897
Ion	Ratio	Lower	Upper
196	100		
198	95.5	77.2	115.8
97	49.2	37.0	55.6
132	28.0	22.2	33.2

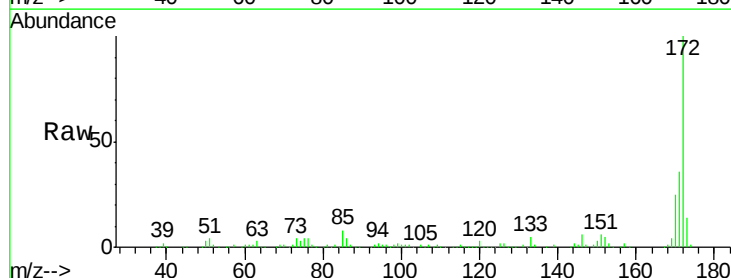


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

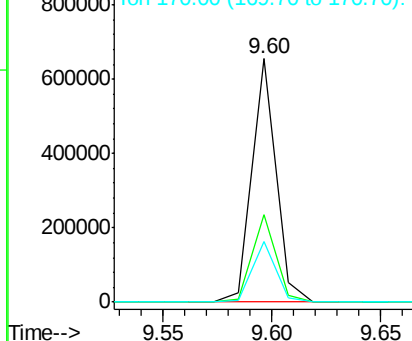
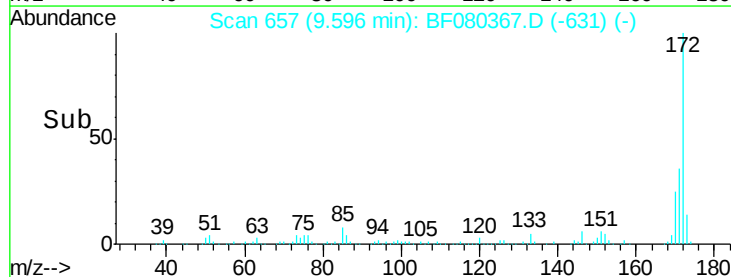


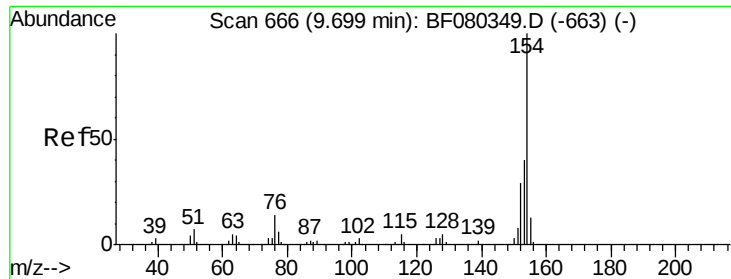
#44
 2-Fluorobiphenyl
 Concen: 81.43 ng
 RT: 9.60 min Scan# 657
 Delta R.T. -0.00 min
 Lab File: BF080367.D
 Acq: 7 Jul 2015 4:17

Tgt Ion:	172	Resp:	501388
Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.3	42.5
170	24.6	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: 37.56 ng

RT: 9.70 min Scan# 666

Delta R.T. -0.00 min

Lab File: BF080367.D

Acq: 7 Jul 2015 4:17

Instrument :

BNA_F

ClientSampleId :

IDOC-02-W-UM

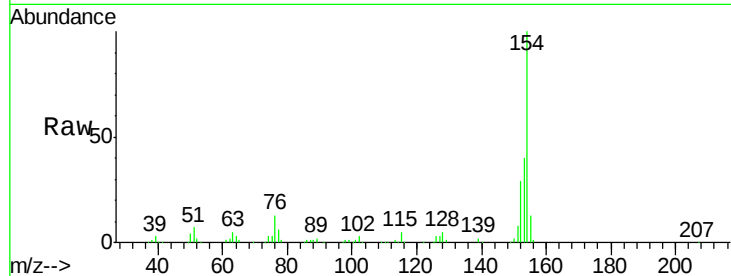
Tgt Ion:154 Resp: 276994

Ion Ratio Lower Upper

154 100

153 40.2 19.8 59.8

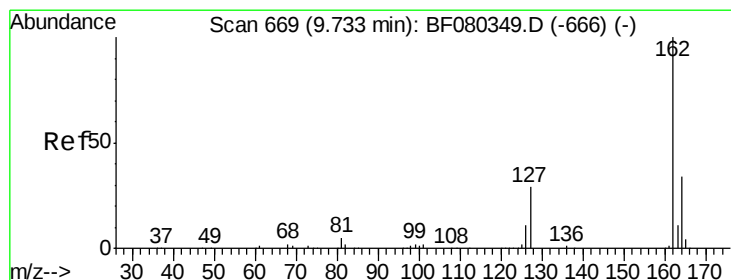
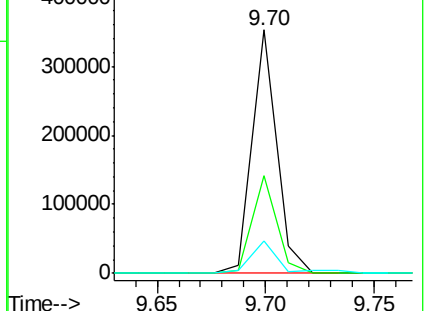
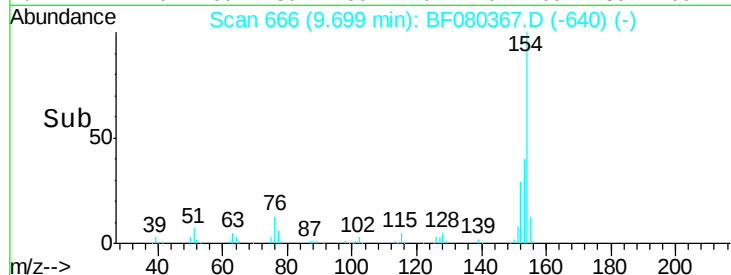
76 13.4 0.0 33.6



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: 37.21 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.00 min

Lab File: BF080367.D

Acq: 7 Jul 2015 4:17

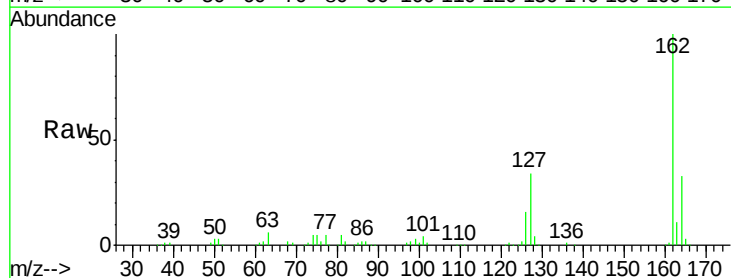
Tgt Ion:162 Resp: 209277

Ion Ratio Lower Upper

162 100

127 34.3 27.3 40.9

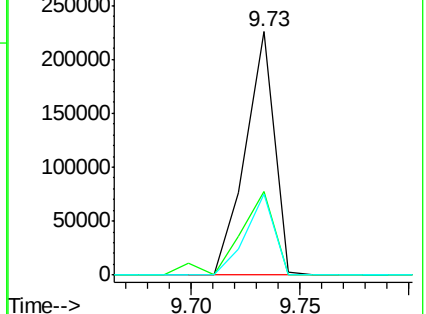
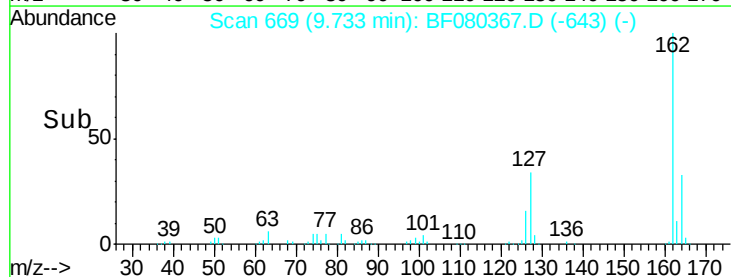
164 33.4 27.2 40.8

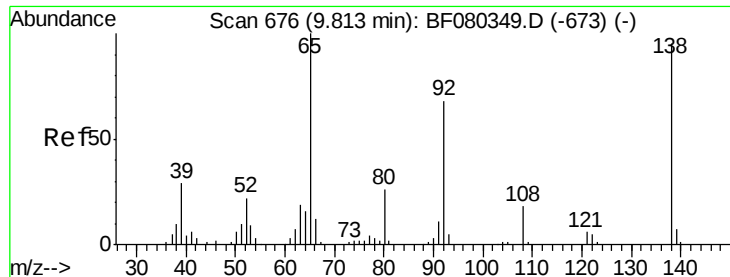


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

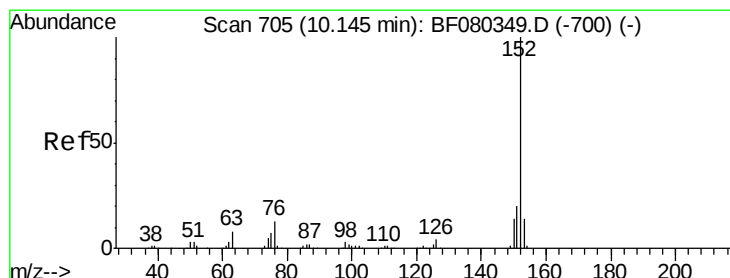
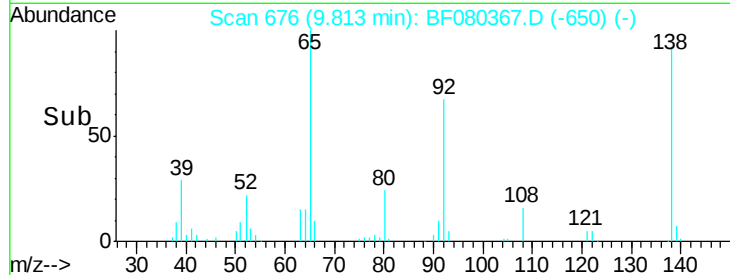
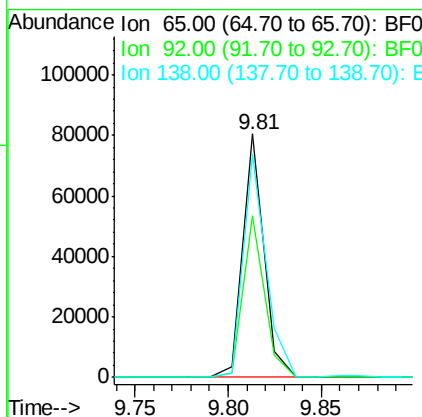
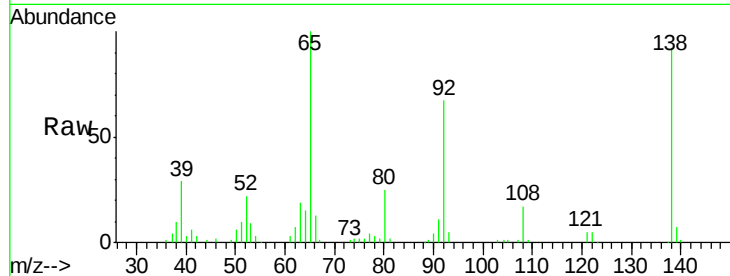




#47
 2-Nitroaniline
 Concen: 40.46 ng
 RT: 9.81 min Scan# 676
 Delta R.T. -0.00 min
 Lab File: BF080367.D
 Acq: 7 Jul 2015 4:17

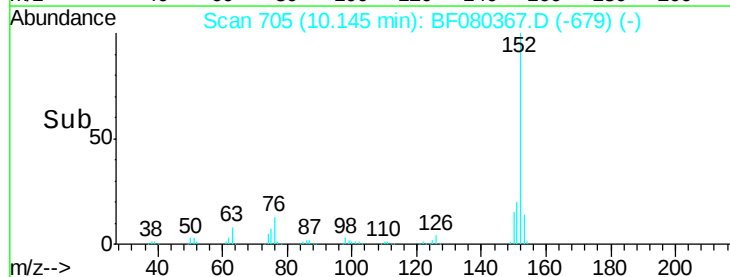
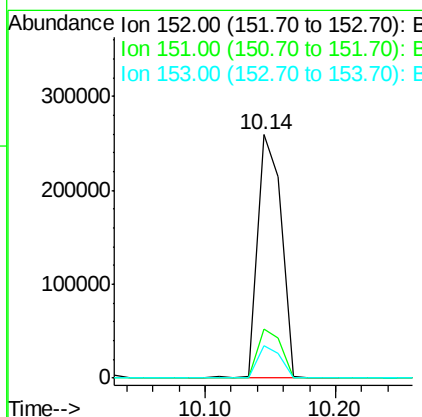
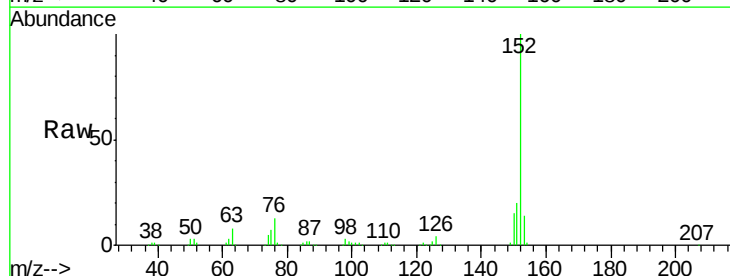
Instrument :
 BNA_F
 ClientSampleId :
 IDOC-02-W-UM

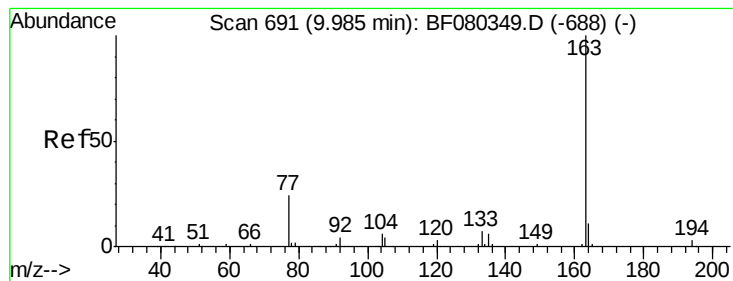
Tgt Ion: 65 Resp: 63661
 Ion Ratio Lower Upper
 65 100
 92 66.6 54.2 81.2
 138 91.6 76.1 114.1



#48
 Acenaphthylene
 Concen: 35.12 ng
 RT: 10.14 min Scan# 705
 Delta R.T. -0.00 min
 Lab File: BF080367.D
 Acq: 7 Jul 2015 4:17

Tgt Ion: 152 Resp: 328691
 Ion Ratio Lower Upper
 152 100
 151 20.4 16.3 24.5
 153 13.6 11.0 16.4





#49

Dimethylphthalate

Concen: 35.51 ng

RT: 9.98 min Scan# 691

Delta R.T. -0.00 min

Lab File: BF080367.D

Acq: 7 Jul 2015 4:17

Instrument :

BNA_F

ClientSampleId :

IDOC-02-W-UM

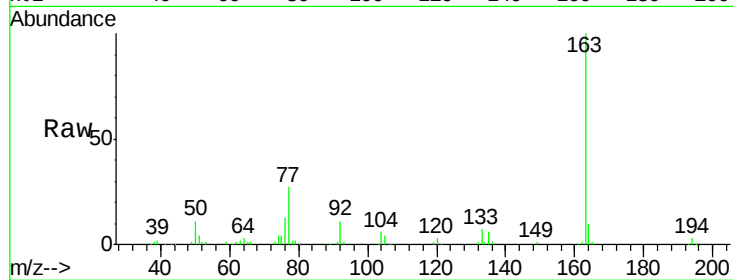
Tgt Ion:163 Resp: 236920

Ion Ratio Lower Upper

163 100

194 3.1 2.6 3.8

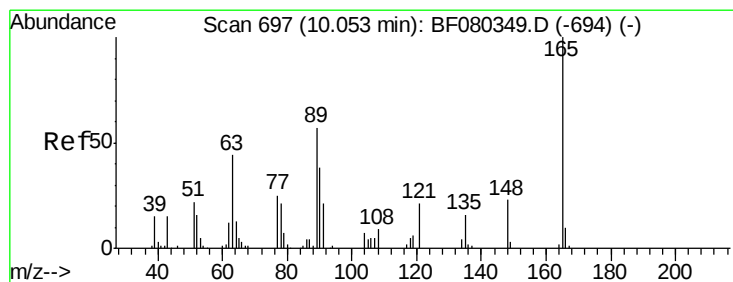
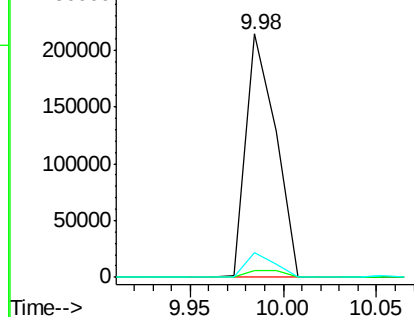
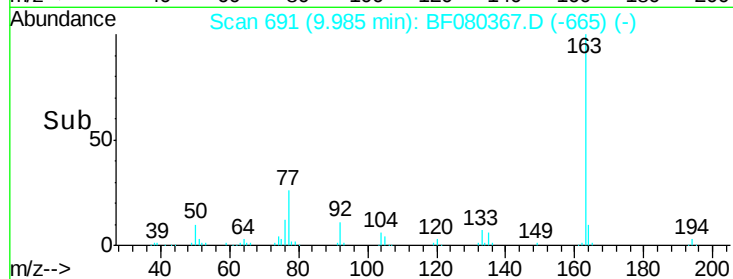
164 10.0 8.5 12.7



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: 38.79 ng

RT: 10.05 min Scan# 697

Delta R.T. 0.00 min

Lab File: BF080367.D

Acq: 7 Jul 2015 4:17

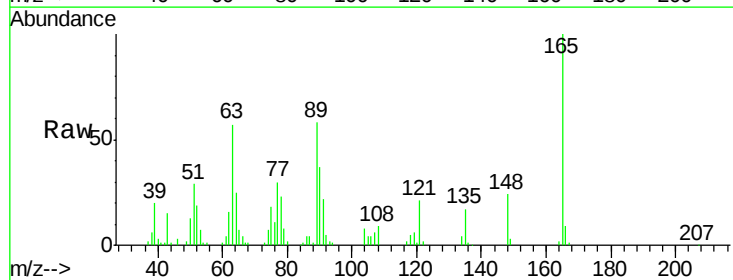
Tgt Ion:165 Resp: 54104

Ion Ratio Lower Upper

165 100

63 57.5 44.8 67.2

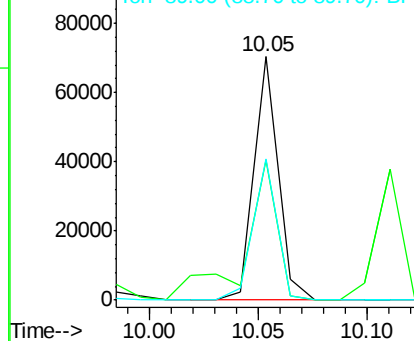
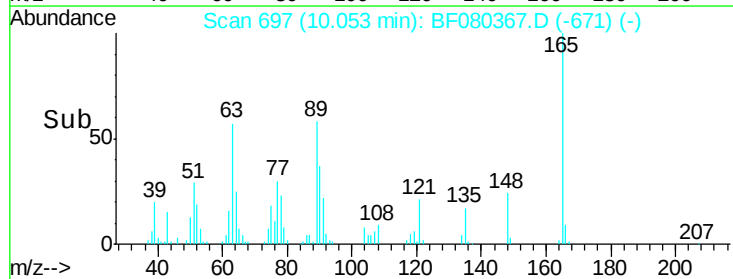
89 58.0 45.9 68.9

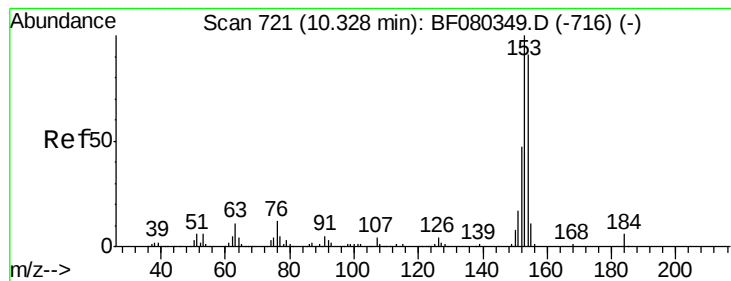


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.49 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.00 min

Lab File: BF080367.D

Acq: 7 Jul 2015 4:17

Instrument :

BNA_F

ClientSampleId :

IDOC-02-W-UM

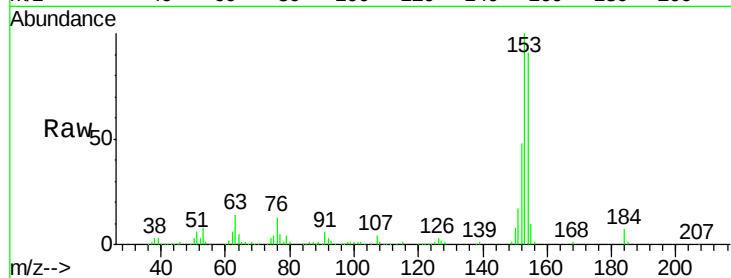
Tgt Ion:154 Resp: 215662

Ion Ratio Lower Upper

154 100

153 110.2 88.1 132.1

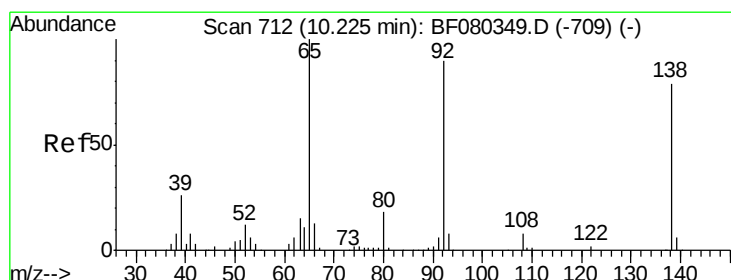
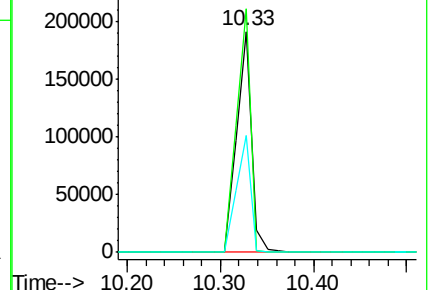
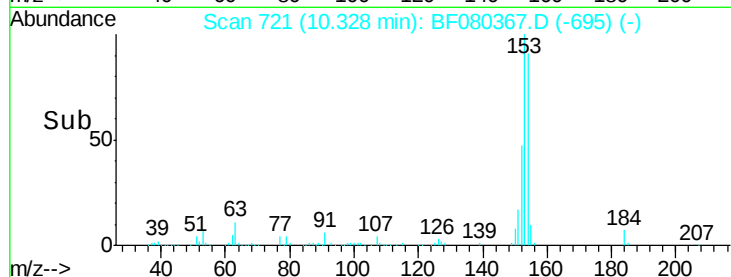
152 52.8 41.8 62.6



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: 25.97 ng

RT: 10.22 min Scan# 712

Delta R.T. -0.00 min

Lab File: BF080367.D

Acq: 7 Jul 2015 4:17

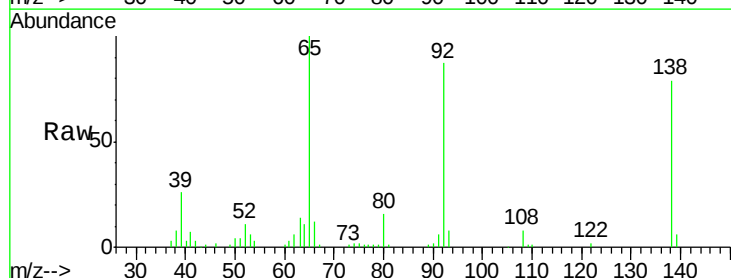
Tgt Ion:138 Resp: 40812

Ion Ratio Lower Upper

138 100

108 9.7 7.8 11.8

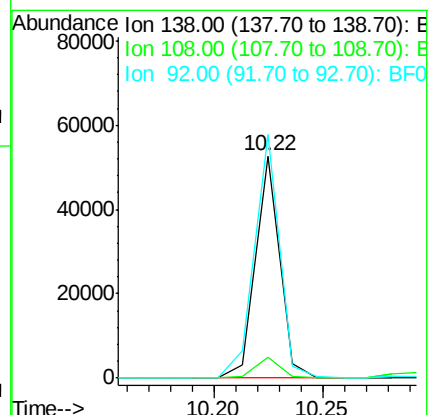
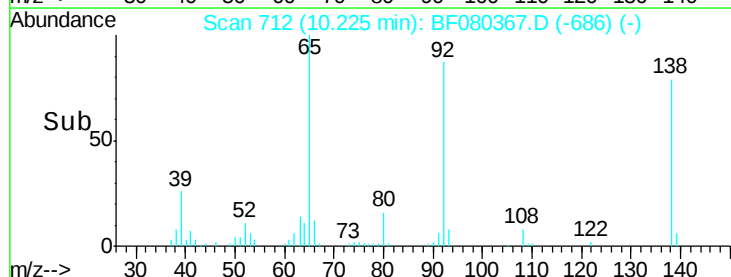
92 109.5 91.0 136.6

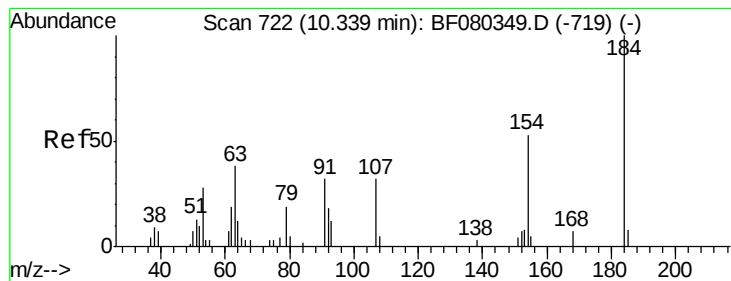


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 65.64 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF080367.D

Acq: 7 Jul 2015 4:17

Instrument :

BNA_F

ClientSampleId :

IDOC-02-W-UM

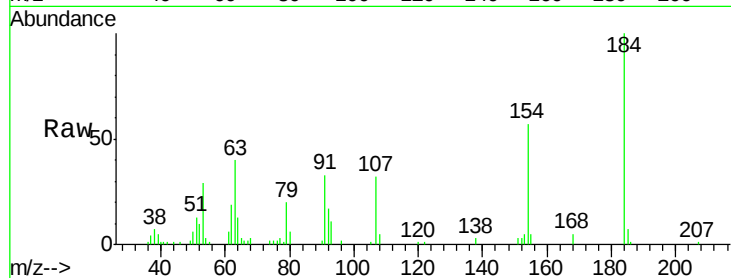
Tgt Ion:184 Resp: 38917

Ion Ratio Lower Upper

184 100

63 39.8 30.6 46.0

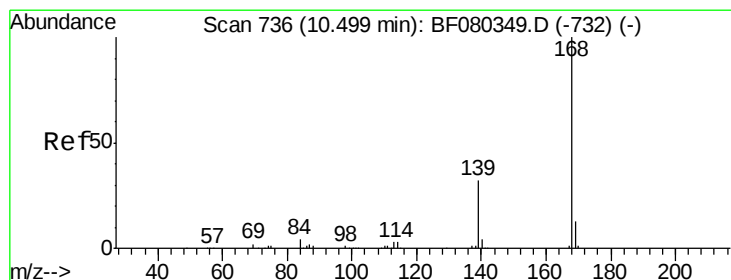
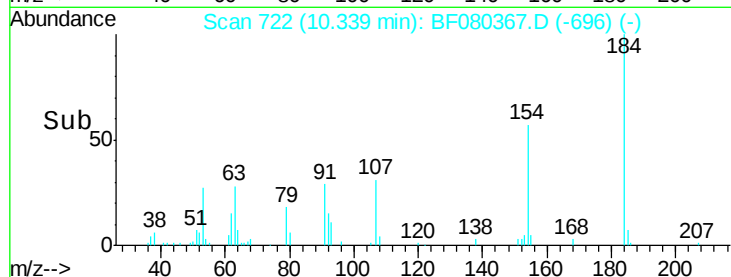
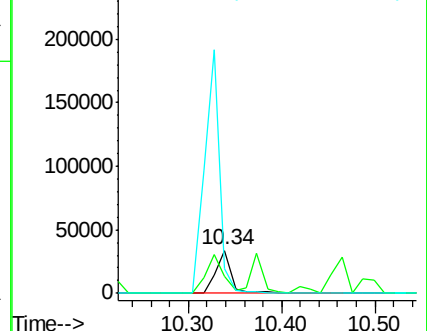
154 56.7 45.3 67.9



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: 38.74 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF080367.D

Acq: 7 Jul 2015 4:17

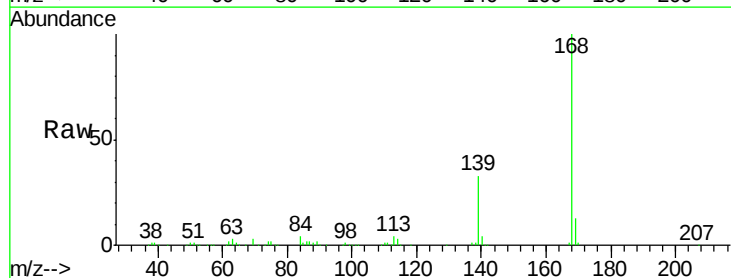
Tgt Ion:168 Resp: 308635

Ion Ratio Lower Upper

168 100

139 33.0 25.9 38.9

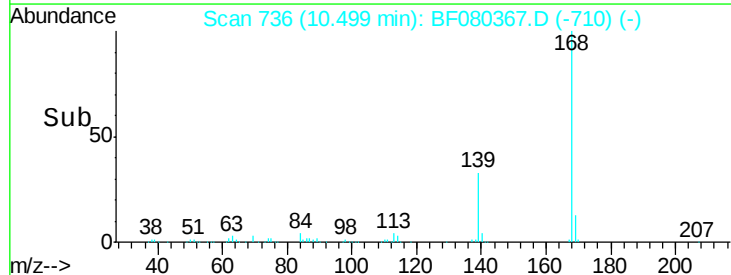
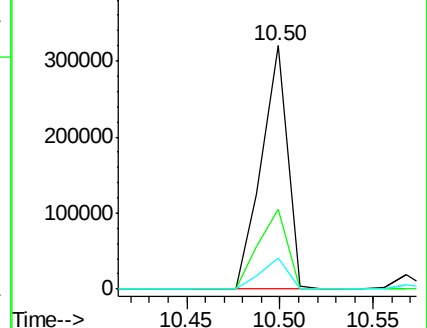
169 12.9 10.3 15.5

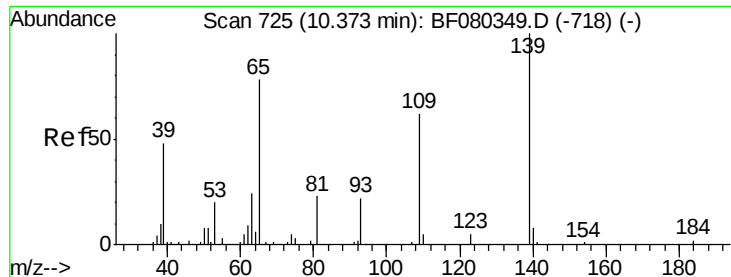


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

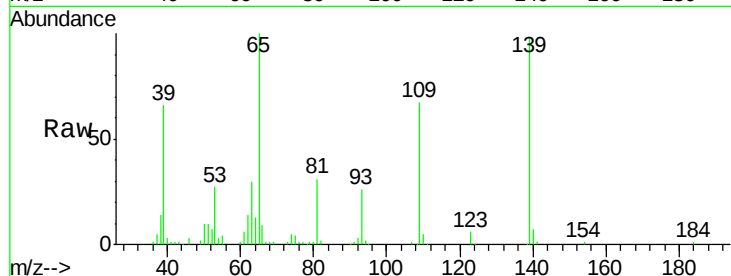




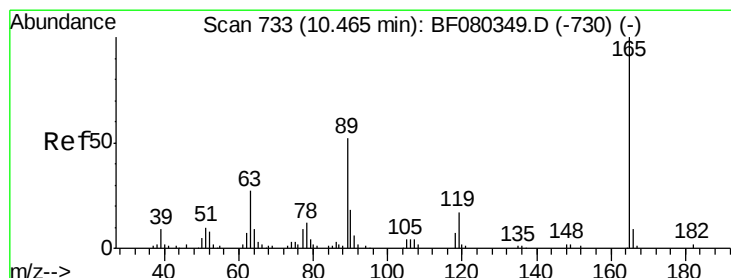
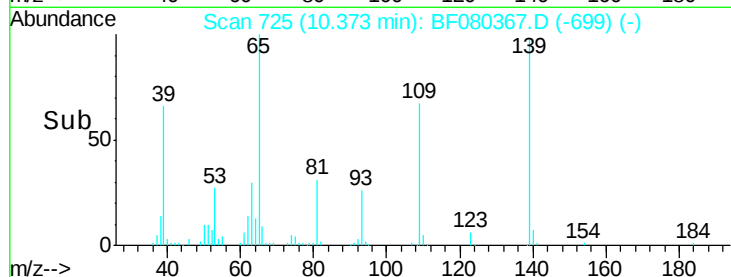
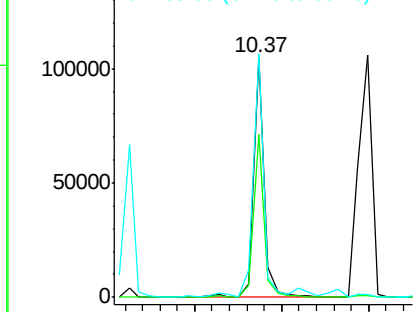
#55
4-Nitrophenol
Concen: 78.54 ng
RT: 10.37 min Scan# 725
Delta R.T. -0.00 min
Lab File: BF080367.D
Acq: 7 Jul 2015 4:17

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

Tgt Ion:139 Resp: 90473
Ion Ratio Lower Upper
139 100
109 68.2 42.3 82.3
65 101.7 58.5 98.5#



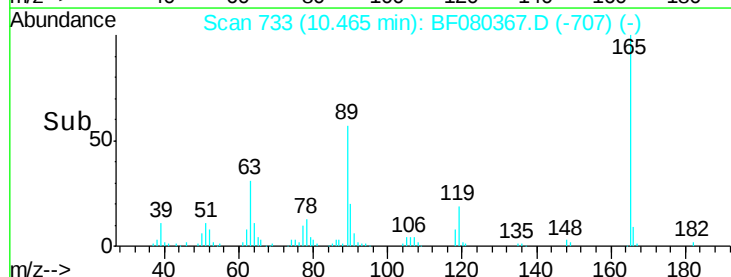
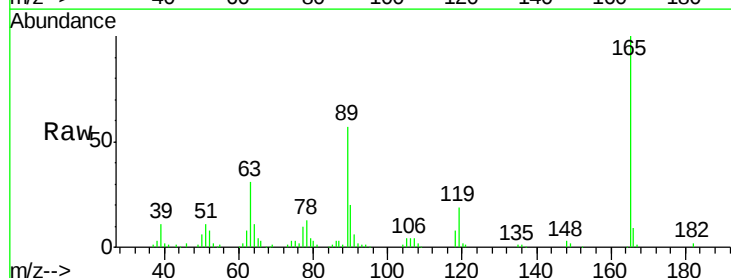
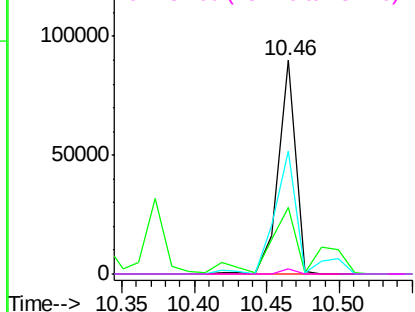
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

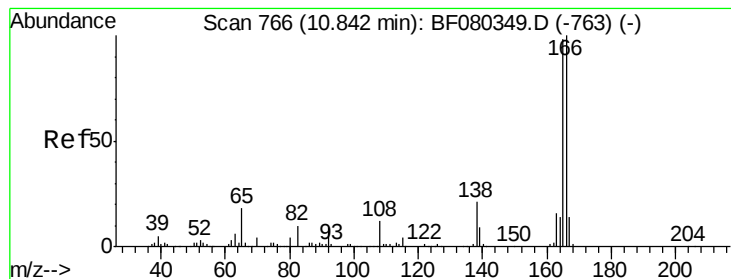


#56
2,4-Dinitrotoluene
Concen: 41.29 ng
RT: 10.46 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF080367.D
Acq: 7 Jul 2015 4:17

Tgt Ion:165 Resp: 74053
Ion Ratio Lower Upper
165 100
63 31.3 21.8 32.8
89 57.5 41.3 61.9
182 2.4 1.8 2.6

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 37.71 ng

RT: 10.84 min Scan# 766

Delta R.T. -0.00 min

Lab File: BF080367.D

Acq: 7 Jul 2015 4:17

Instrument :

BNA_F

ClientSampleId :

IDOC-02-W-UM

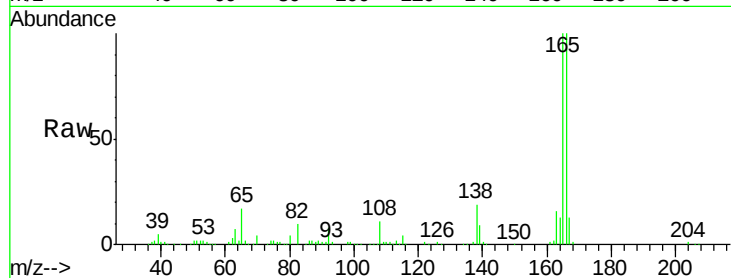
Tgt Ion:166 Resp: 258664

Ion Ratio Lower Upper

166 100

165 99.7 78.6 117.8

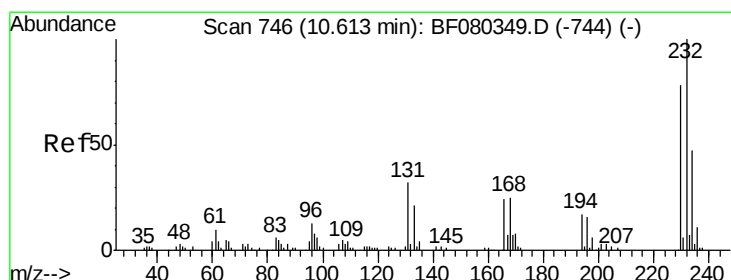
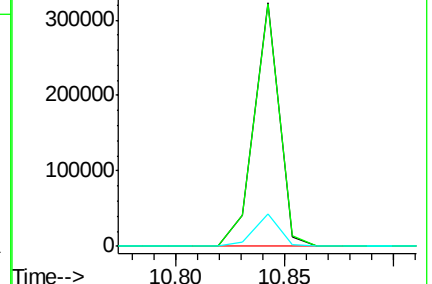
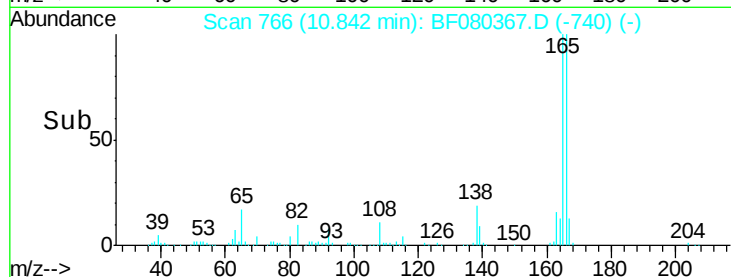
167 13.1 10.8 16.2



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: 38.78 ng

RT: 10.61 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF080367.D

Acq: 7 Jul 2015 4:17

Tgt Ion:232 Resp: 62814

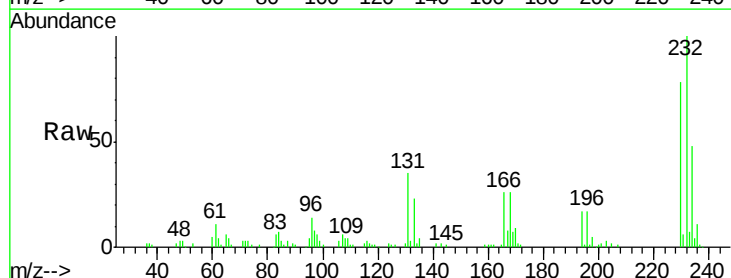
Ion Ratio Lower Upper

232 100

131 41.5 33.4 50.2

130 1.9 1.8 2.6

166 28.4 22.1 33.1

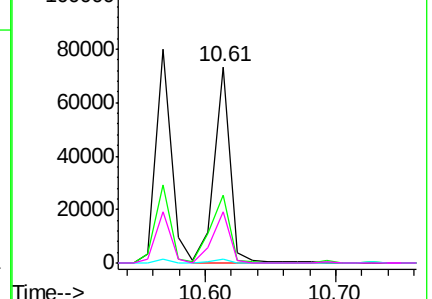
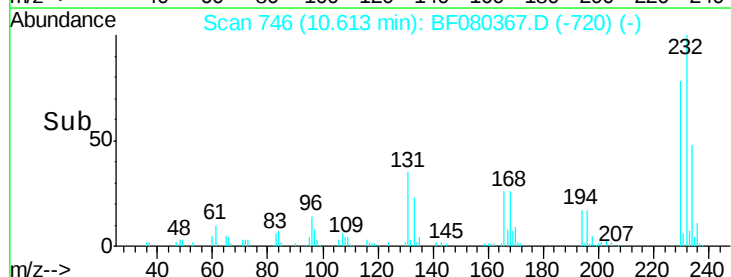


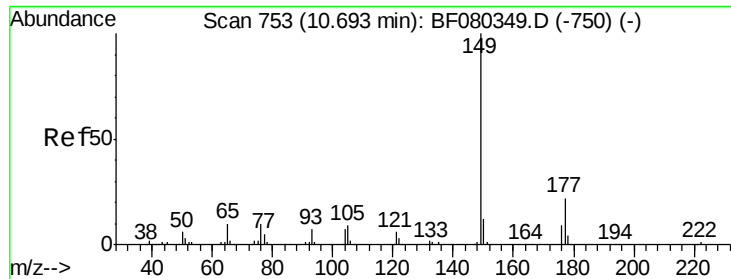
Abundance Ion 232.00 (231.70 to 232.70): E

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

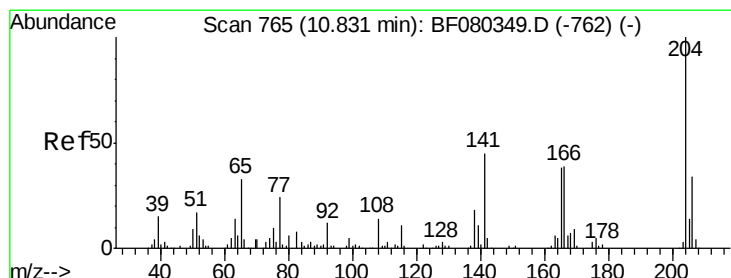
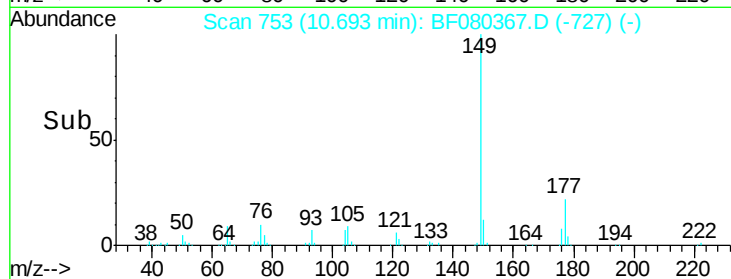
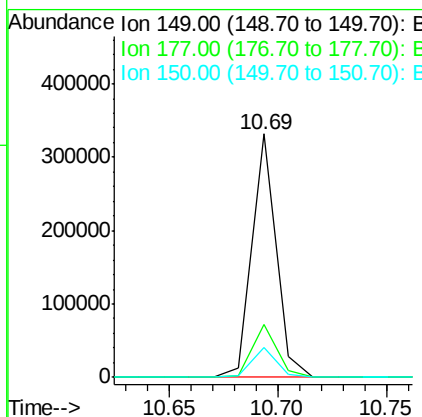
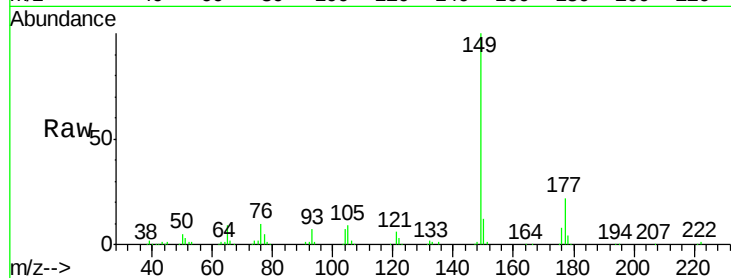




#59
Diethylphthalate
Concen: 38.53 ng
RT: 10.69 min Scan# 753
Delta R.T. -0.00 min
Lab File: BF080367.D
Acq: 7 Jul 2015 4:17

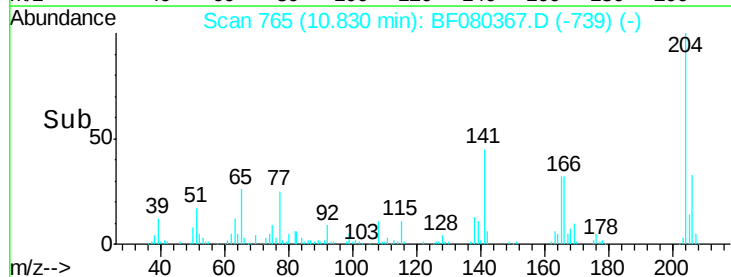
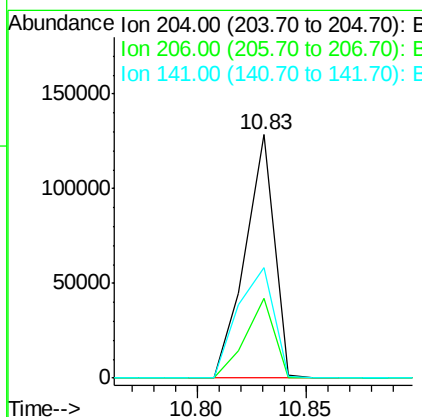
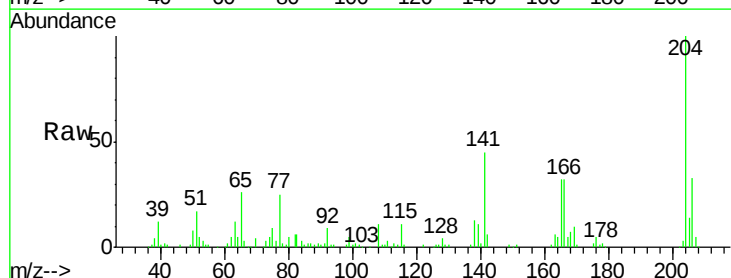
Instrument :
BNA_F
ClientSampleId :
IDOC-02-W-UM

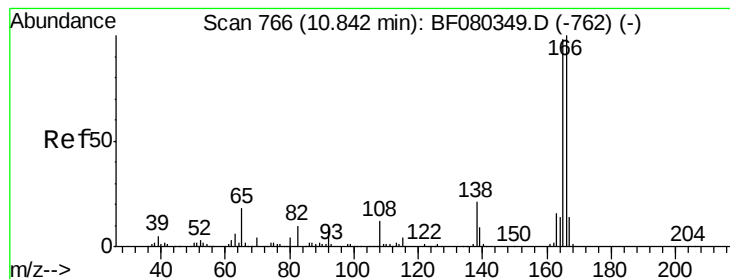
Tgt Ion:149 Resp: 256760
Ion Ratio Lower Upper
149 100
177 21.9 17.6 26.4
150 12.4 10.0 15.0



#60
4-Chlorophenyl-phenylether
Concen: 39.48 ng
RT: 10.83 min Scan# 765
Delta R.T. -0.00 min
Lab File: BF080367.D
Acq: 7 Jul 2015 4:17

Tgt Ion:204 Resp: 119860
Ion Ratio Lower Upper
204 100
206 33.0 27.2 40.8
141 45.4 35.9 53.9





#61

4-Nitroaniline

Concen: 36.18 ng

RT: 10.84 min Scan# 766

Delta R.T. -0.00 min

Lab File: BF080367.D

Acq: 7 Jul 2015 4:17

Instrument :

BNA_F

ClientSampleId :

IDOC-02-W-UM

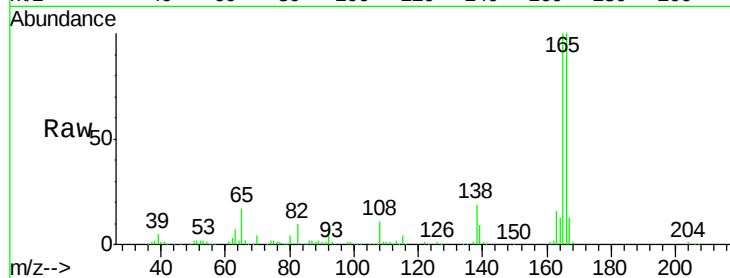
Tgt Ion:138 Resp: 55196

Ion Ratio Lower Upper

138 100

92 40.5 21.0 61.0

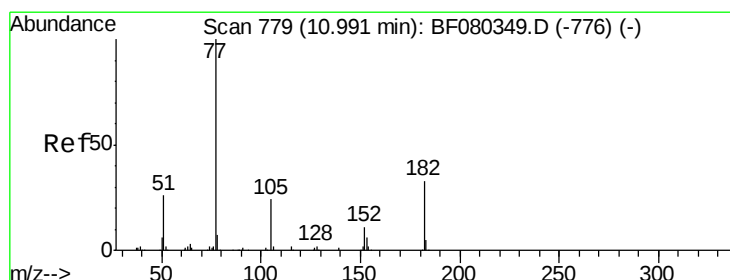
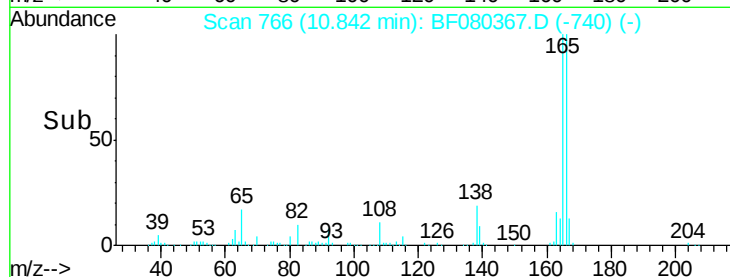
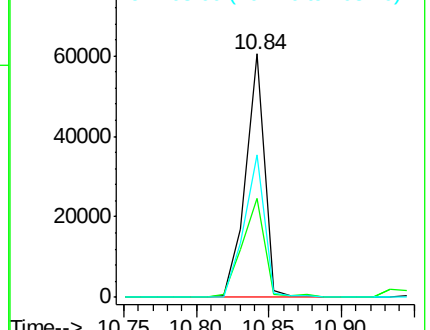
108 58.7 38.4 78.4



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: 37.79 ng

RT: 10.99 min Scan# 779

Delta R.T. -0.00 min

Lab File: BF080367.D

Acq: 7 Jul 2015 4:17

Tgt Ion: 77 Resp: 239209

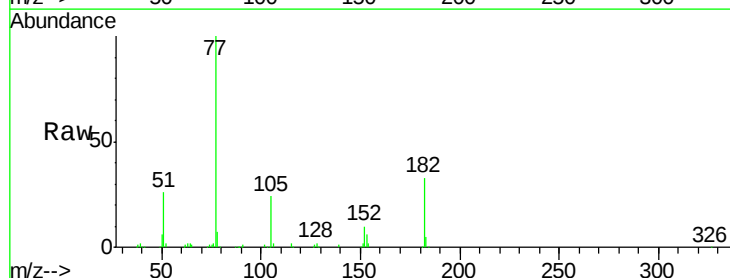
Ion Ratio Lower Upper

77 100

182 32.6 13.2 53.2

105 24.3 4.3 44.3

51 26.1 6.3 46.3

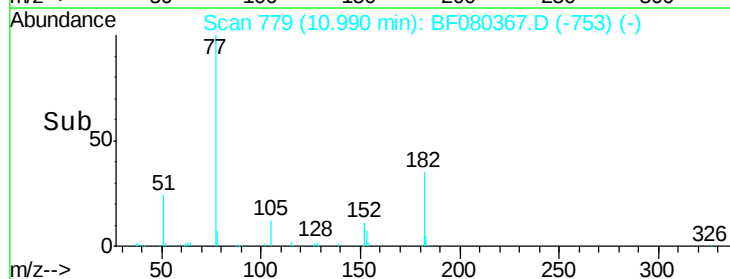
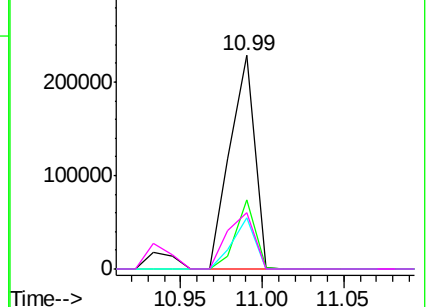


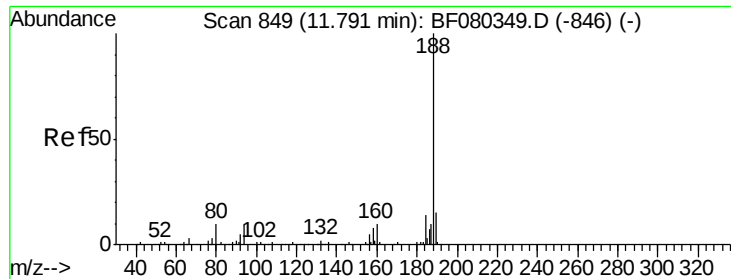
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

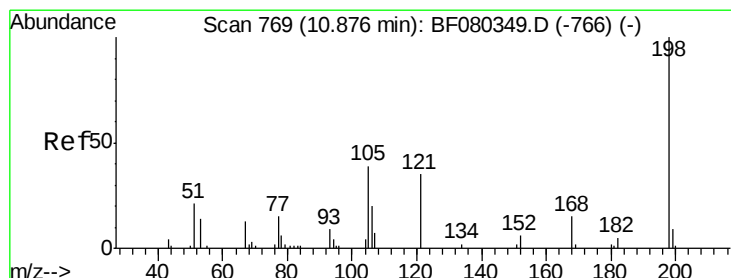
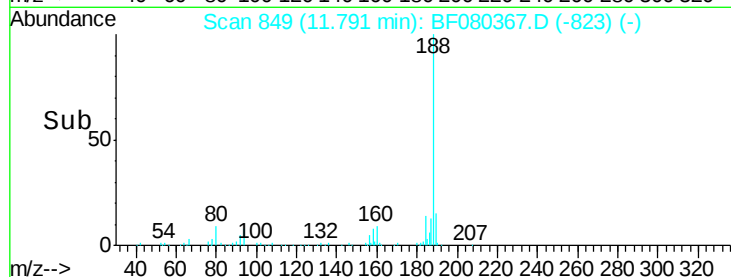
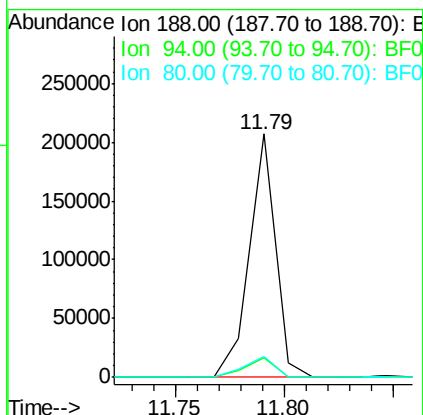
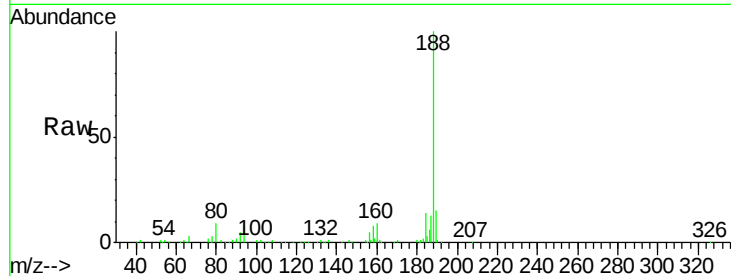




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.79 min Scan# 849
Delta R.T. -0.00 min
Lab File: BF080367.D
Acq: 7 Jul 2015 4:17

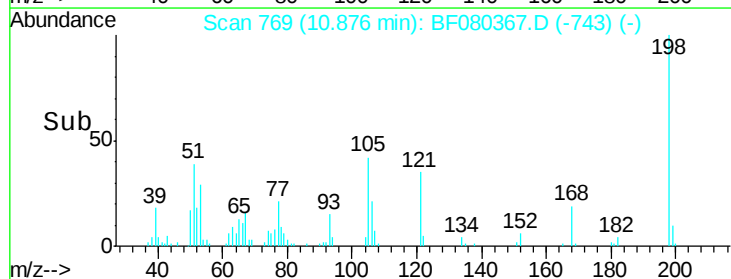
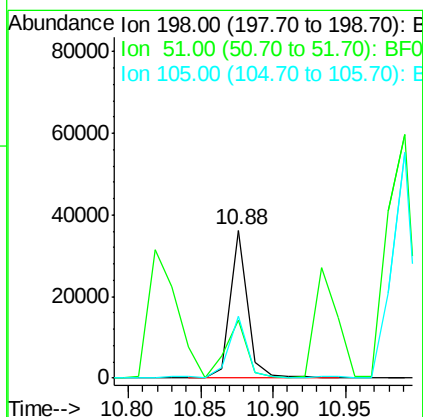
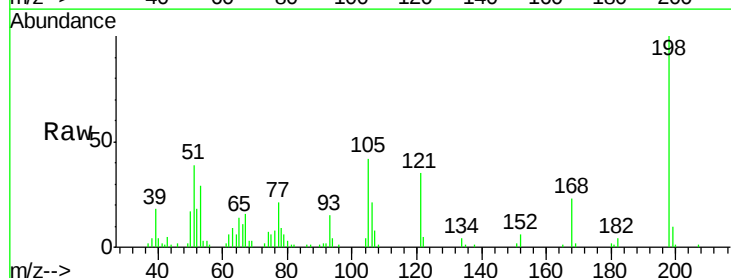
Instrument :
BNA_F
ClientSampleId :
IDOC-02-W-UM

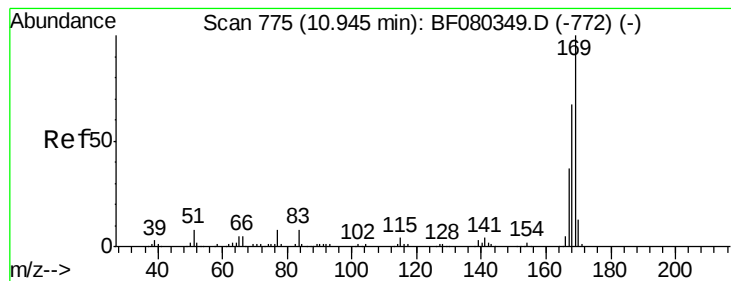
Tgt Ion:188 Resp: 173010
Ion Ratio Lower Upper
188 100
94 8.2 7.5 11.3
80 8.6 8.3 12.5



#64
4,6-Dinitro-2-methylphenol
Concen: 32.07 ng
RT: 10.88 min Scan# 769
Delta R.T. 0.00 min
Lab File: BF080367.D
Acq: 7 Jul 2015 4:17

Tgt Ion:198 Resp: 30310
Ion Ratio Lower Upper
198 100
51 39.1 17.0 57.0
105 41.5 20.9 60.9

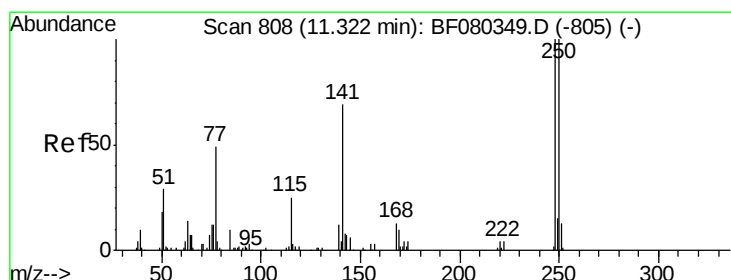
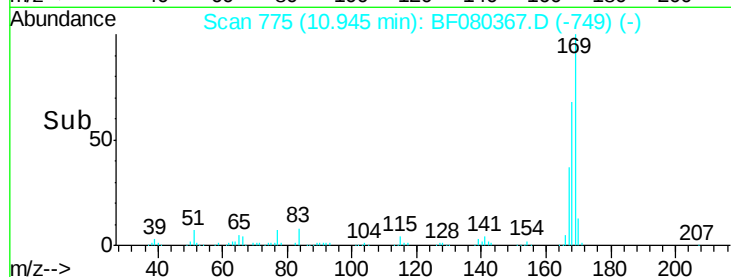
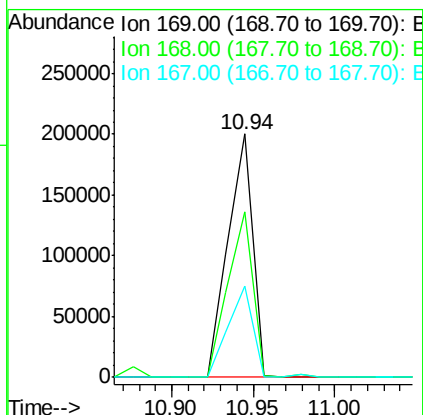
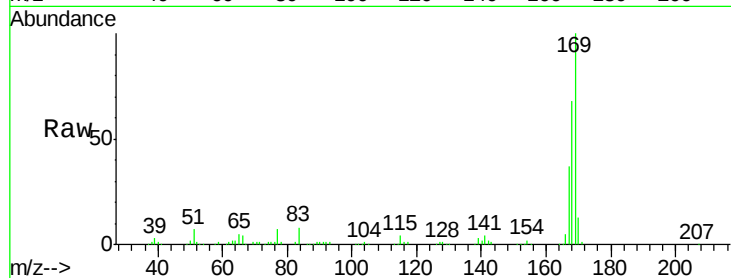




#65
 n-Nitrosodiphenylamine
 Concen: 37.79 ng
 RT: 10.94 min Scan# 775
 Delta R.T. -0.00 min
 Lab File: BF080367.D
 Acq: 7 Jul 2015 4:17

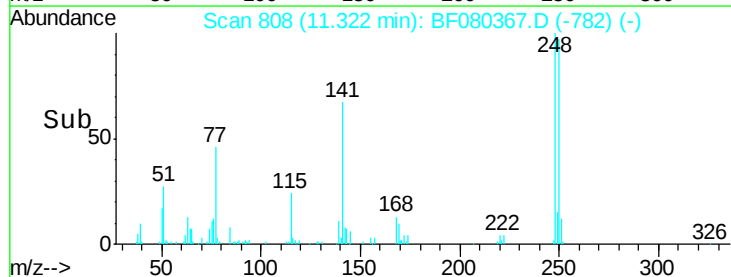
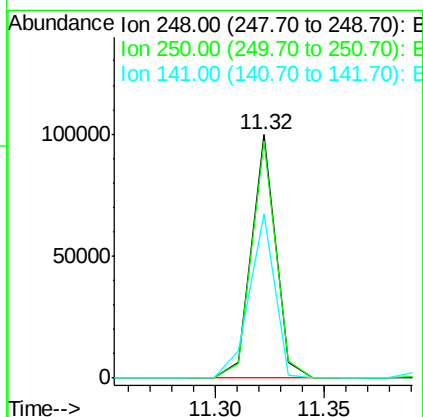
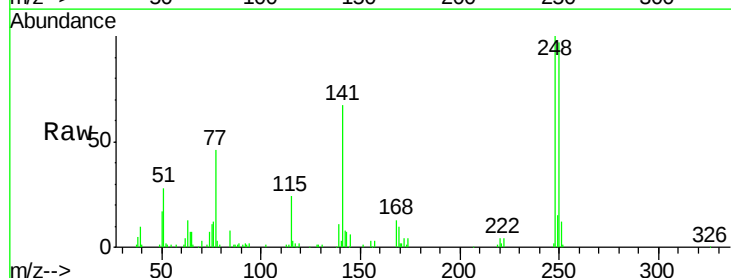
Instrument :
 BNA_F
 ClientSampleId :
 IDOC-02-W-UM

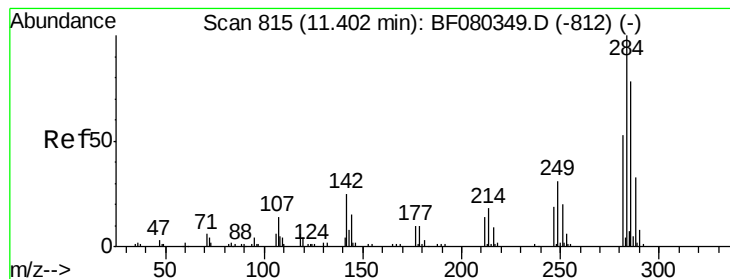
Tgt Ion:169 Resp: 208266
 Ion Ratio Lower Upper
 169 100
 168 67.9 53.5 80.3
 167 37.3 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 38.86 ng
 RT: 11.32 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF080367.D
 Acq: 7 Jul 2015 4:17

Tgt Ion:248 Resp: 77012
 Ion Ratio Lower Upper
 248 100
 250 97.2 80.0 120.0
 141 67.5 54.8 82.2





#67

Hexachlorobenzene

Concen: 37.62 ng

RT: 11.40 min Scan# 815

Delta R.T. -0.00 min

Lab File: BF080367.D

Acq: 7 Jul 2015 4:17

Instrument :

BNA_F

ClientSampleId :

IDOC-02-W-UM

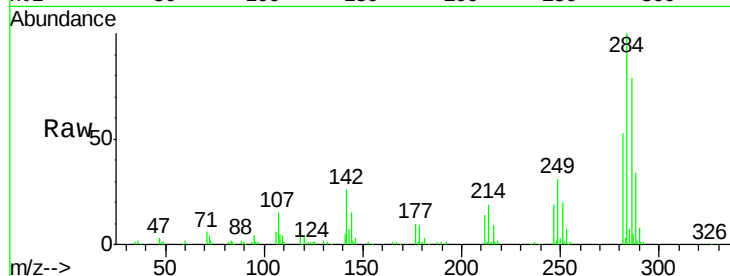
Tgt Ion:284 Resp: 78208

Ion Ratio Lower Upper

284 100

142 26.5 20.3 30.5

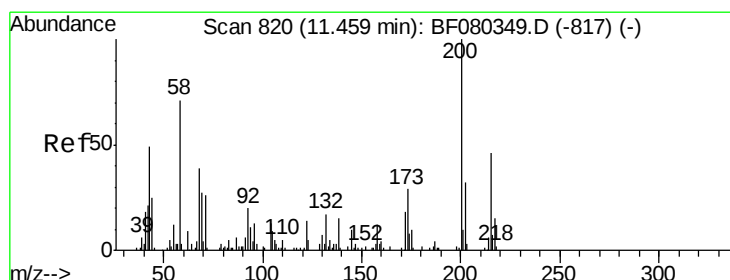
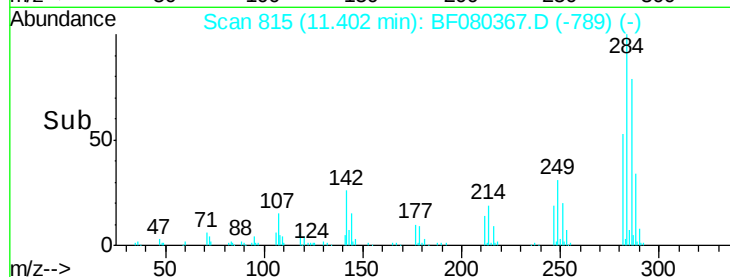
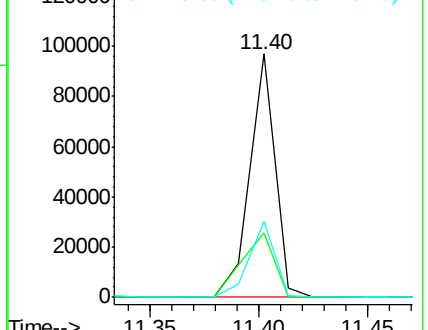
249 31.1 24.7 37.1



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: 39.48 ng

RT: 11.46 min Scan# 820

Delta R.T. -0.00 min

Lab File: BF080367.D

Acq: 7 Jul 2015 4:17

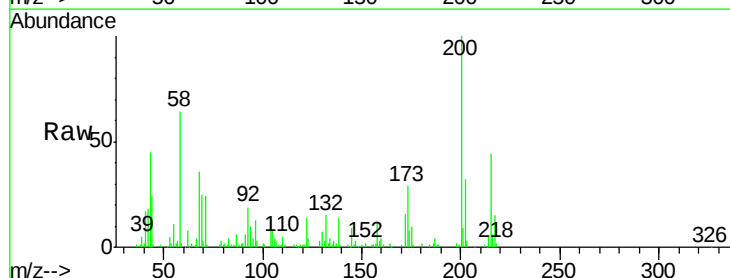
Tgt Ion:200 Resp: 64774

Ion Ratio Lower Upper

200 100

173 28.6 9.9 49.9

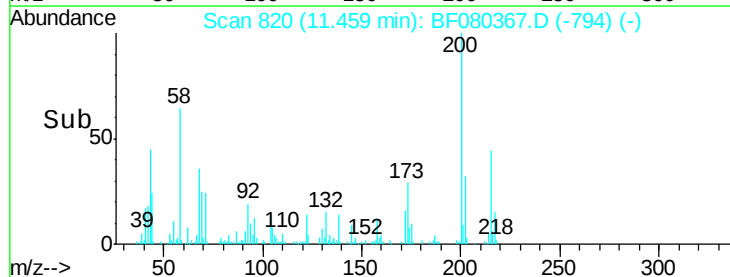
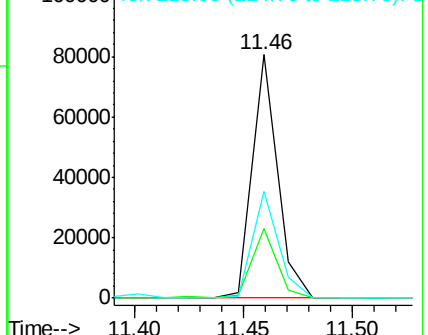
215 43.7 26.2 66.2

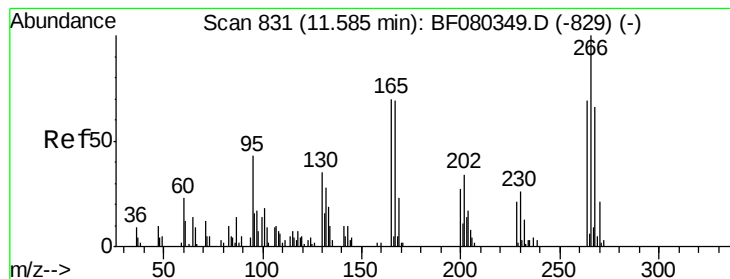


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 64.77 ng

RT: 11.58 min Scan# 831

Delta R.T. -0.00 min

Lab File: BF080367.D

Acq: 7 Jul 2015 4:17

Instrument :

BNA_F

ClientSampleId :

IDOC-02-W-UM

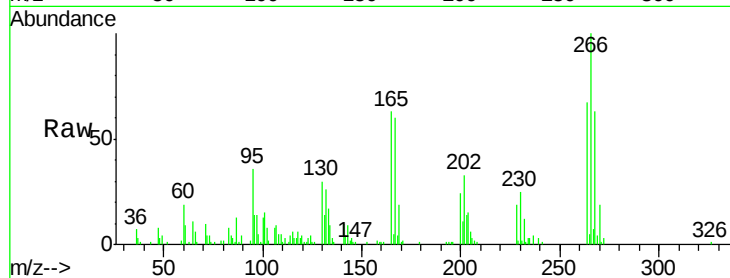
Tgt Ion:266 Resp: 66585

Ion Ratio Lower Upper

266 100

268 62.6 52.7 79.1

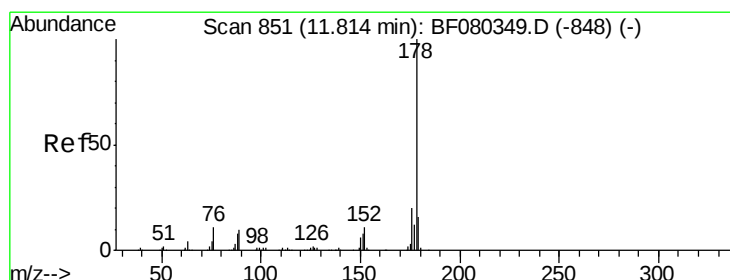
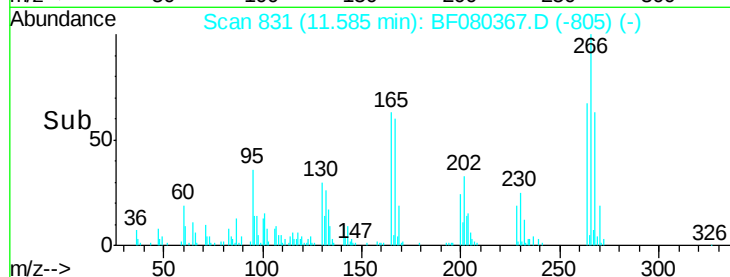
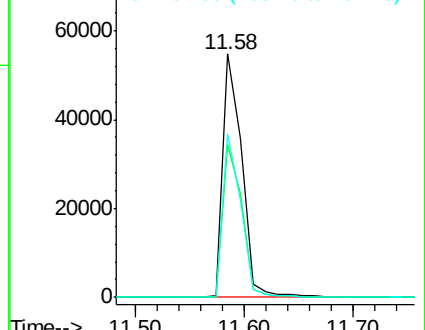
264 67.0 55.0 82.6



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: 36.94 ng

RT: 11.81 min Scan# 851

Delta R.T. -0.00 min

Lab File: BF080367.D

Acq: 7 Jul 2015 4:17

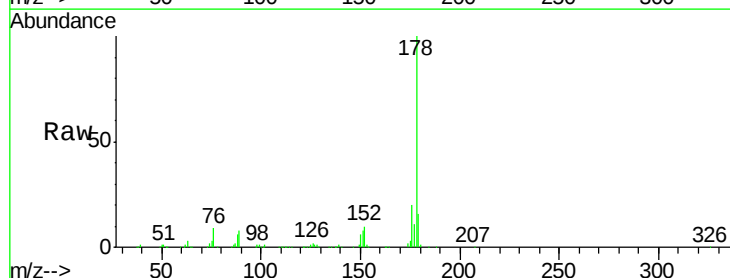
Tgt Ion:178 Resp: 383349

Ion Ratio Lower Upper

178 100

176 20.1 16.1 24.1

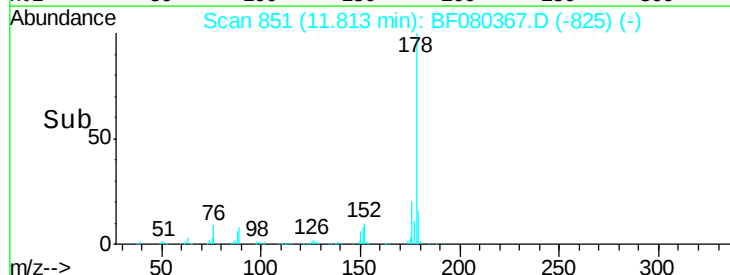
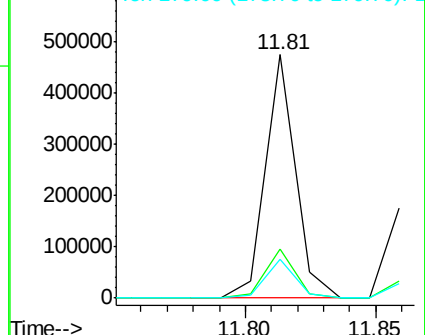
179 15.7 12.6 18.8

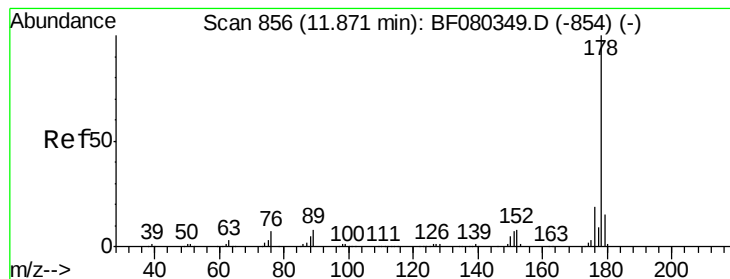


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 37.51 ng

RT: 11.87 min Scan# 856

Delta R.T. -0.00 min

Lab File: BF080367.D

Acq: 7 Jul 2015 4:17

Instrument :

BNA_F

ClientSampleId :

IDOC-02-W-UM

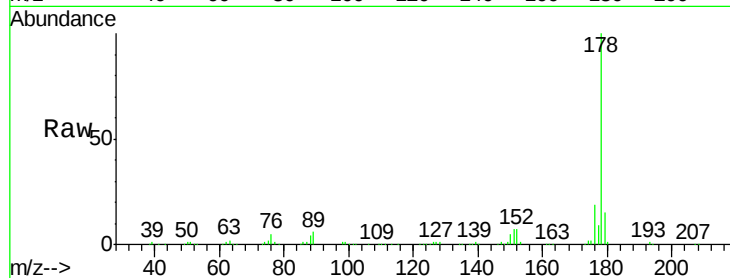
Tgt Ion:178 Resp: 381716

Ion Ratio Lower Upper

178 100

176 18.8 15.3 22.9

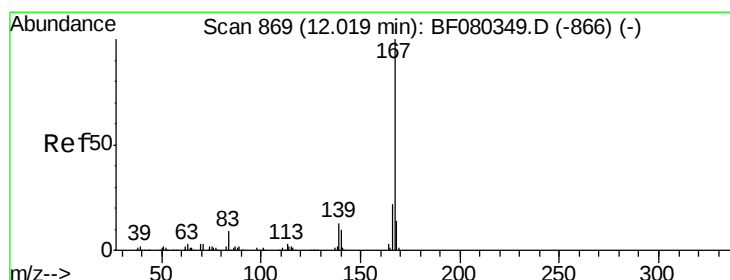
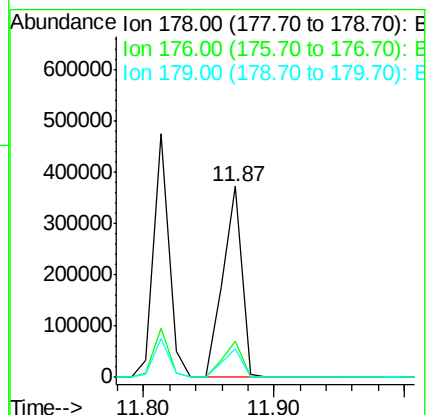
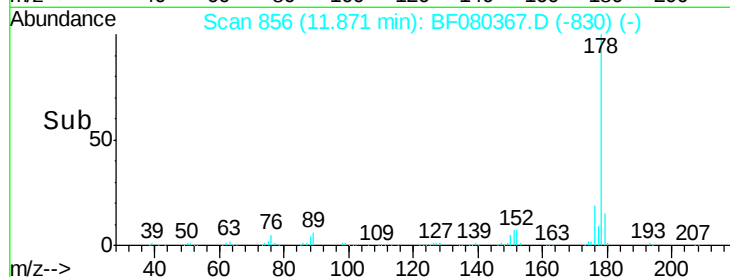
179 15.2 12.3 18.5



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: 37.09 ng

RT: 12.02 min Scan# 869

Delta R.T. -0.00 min

Lab File: BF080367.D

Acq: 7 Jul 2015 4:17

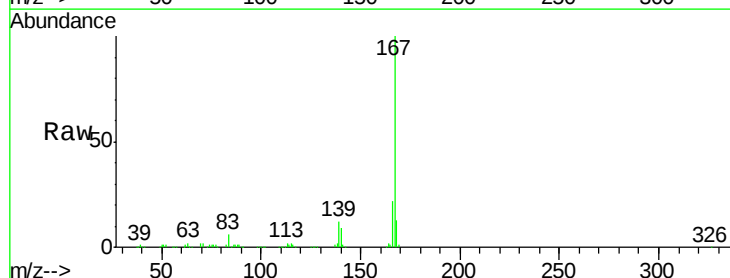
Tgt Ion:167 Resp: 352028

Ion Ratio Lower Upper

167 100

166 21.7 17.8 26.6

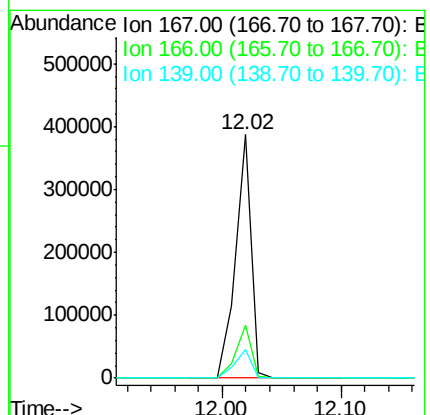
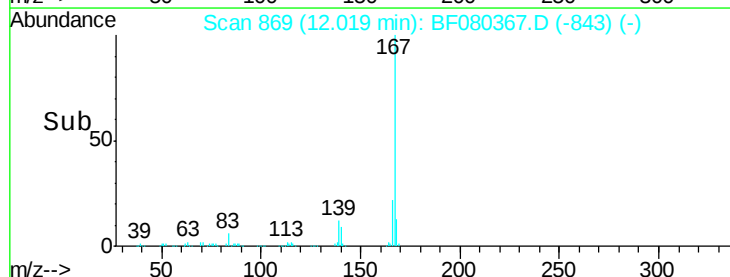
139 11.9 10.4 15.6

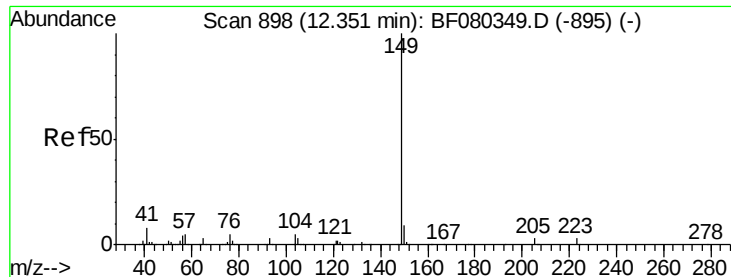


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 36.90 ng

RT: 12.35 min Scan# 898

Delta R.T. -0.00 min

Lab File: BF080367.D

Acq: 7 Jul 2015 4:17

Instrument :

BNA_F

ClientSampleId :

IDOC-02-W-UM

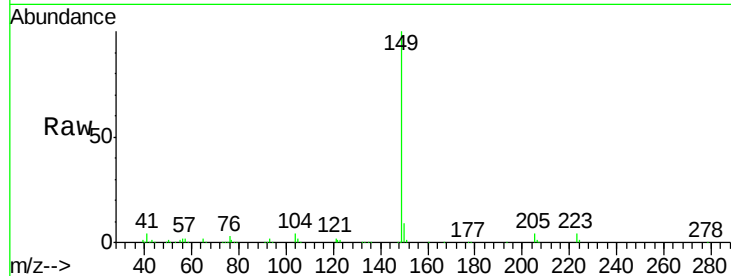
Tgt Ion:149 Resp: 400619

Ion Ratio Lower Upper

149 100

150 8.6 7.5 11.3

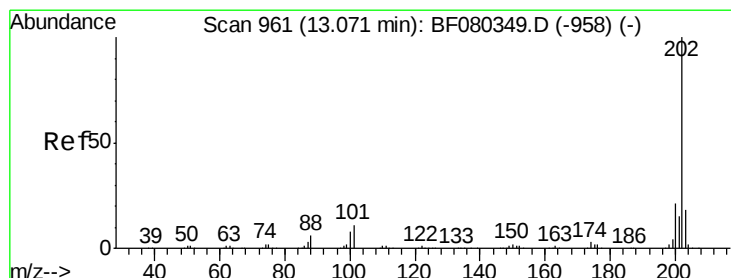
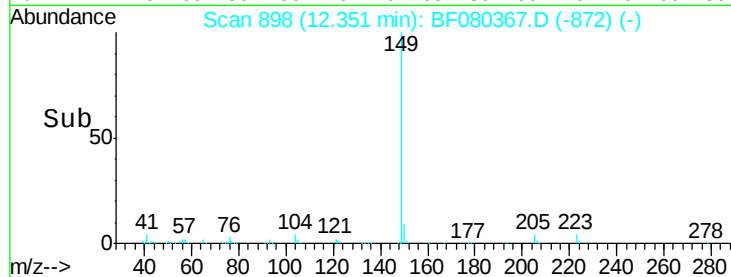
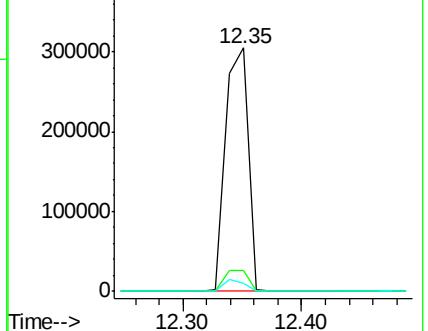
104 3.5 3.9 5.9#



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: 37.35 ng

RT: 13.06 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF080367.D

Acq: 7 Jul 2015 4:17

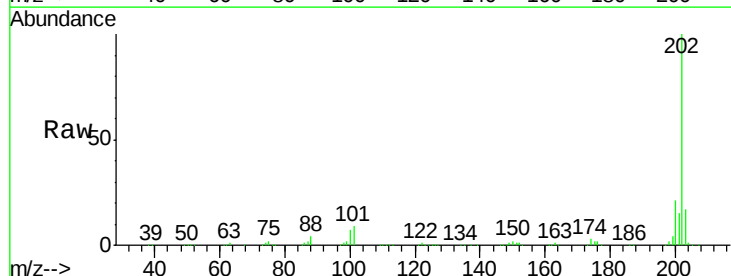
Tgt Ion:202 Resp: 416501

Ion Ratio Lower Upper

202 100

101 8.7 0.0 31.0

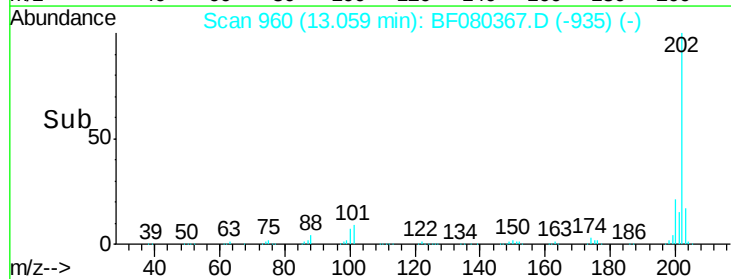
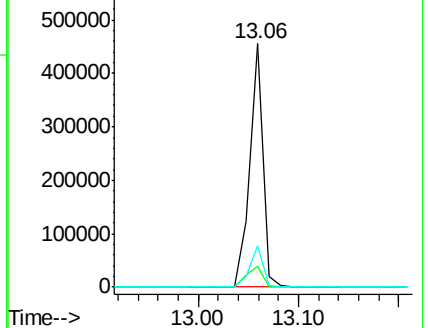
203 17.1 0.0 37.6

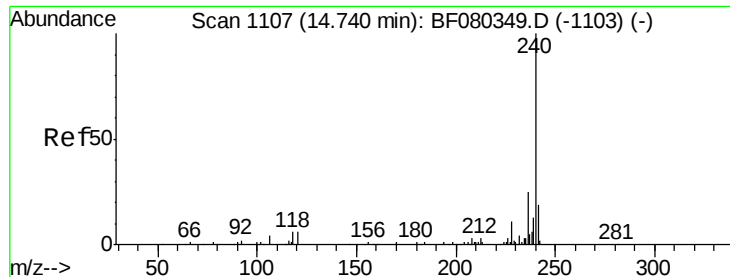


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF080367.D

Acq: 7 Jul 2015 4:17

Instrument :

BNA_F

ClientSampleId :

IDOC-02-W-UM

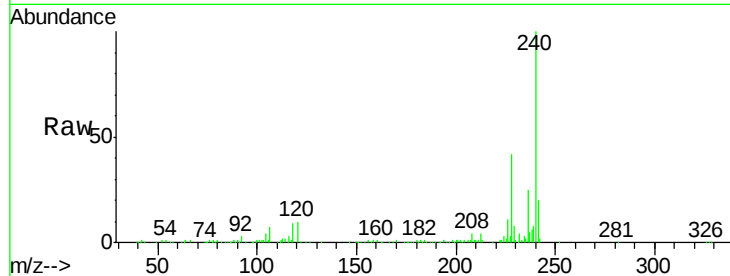
Tgt Ion:240 Resp: 176320

Ion Ratio Lower Upper

240 100

120 10.5 5.1 7.7#

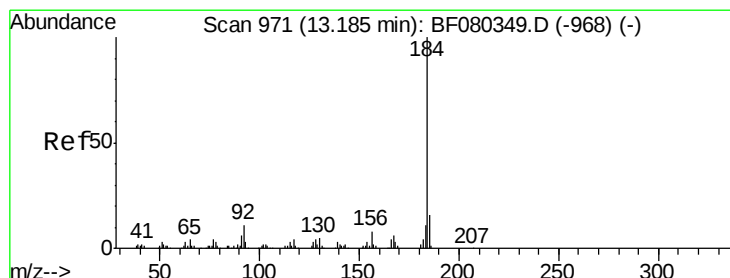
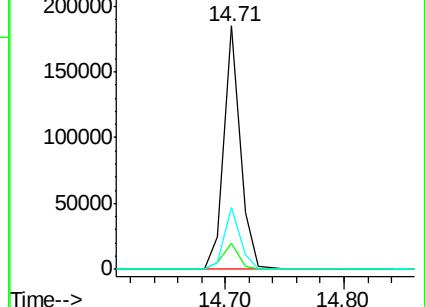
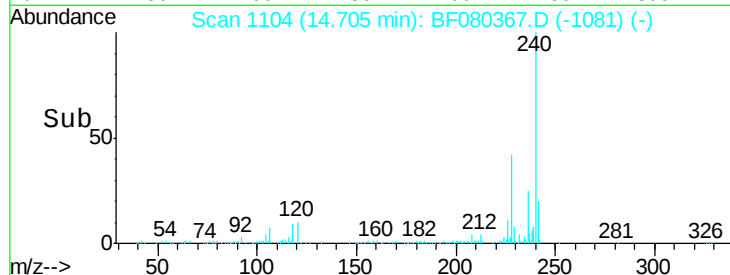
236 25.3 20.4 30.6



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: 45.80 ng

RT: 13.17 min Scan# 970

Delta R.T. -0.01 min

Lab File: BF080367.D

Acq: 7 Jul 2015 4:17

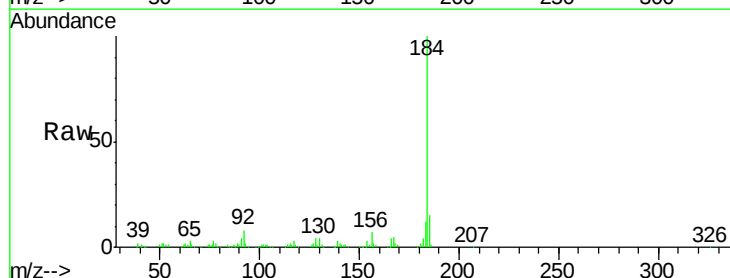
Tgt Ion:184 Resp: 204820

Ion Ratio Lower Upper

184 100

185 14.6 12.6 19.0

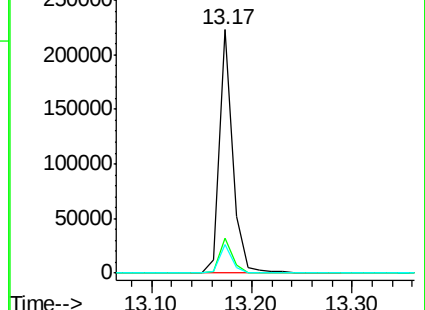
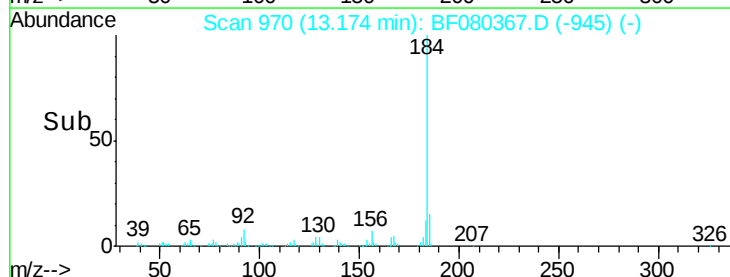
183 11.7 9.2 13.8

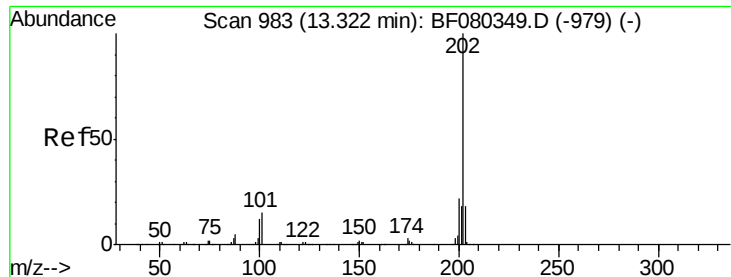


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

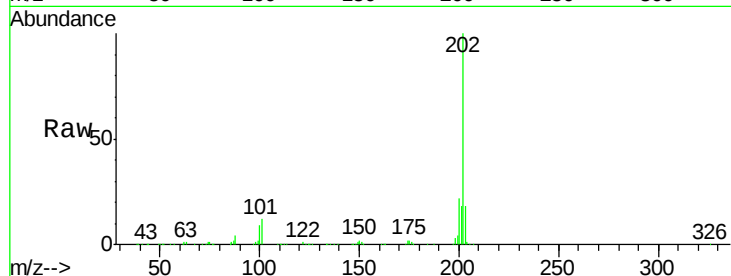




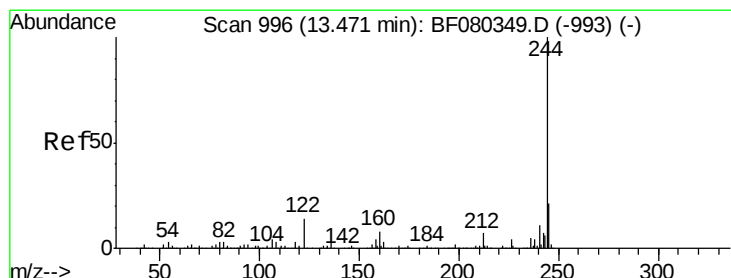
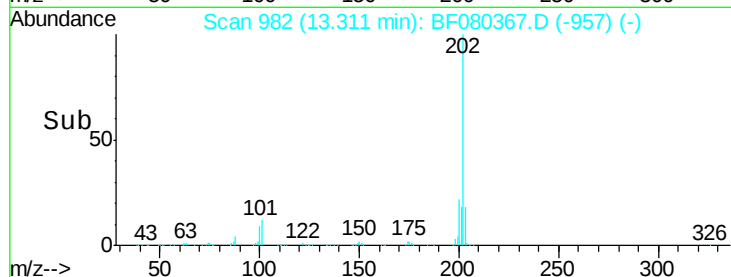
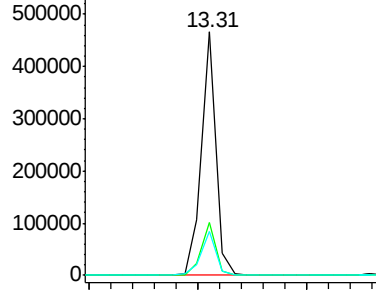
#77
Pyrene
Concen: 40.07 ng
RT: 13.31 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF080367.D
Acq: 7 Jul 2015 4:17

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

Tgt Ion:202 Resp: 427332
Ion Ratio Lower Upper
202 100
200 21.9 17.2 25.8
203 17.9 14.3 21.5

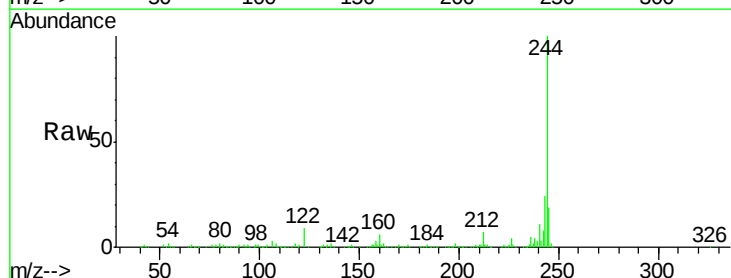


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

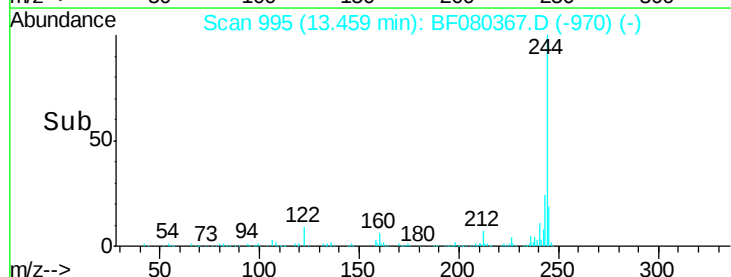
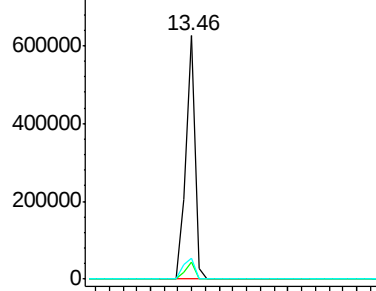


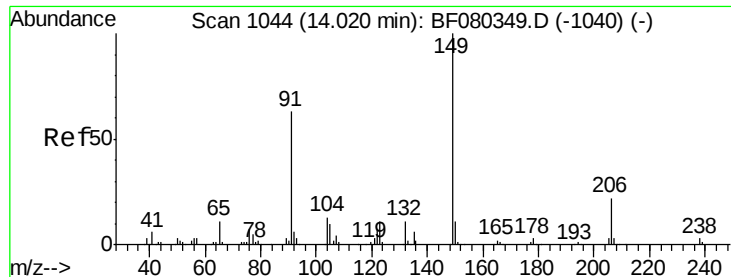
#78
Terphenyl-d14
Concen: 78.69 ng
RT: 13.46 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF080367.D
Acq: 7 Jul 2015 4:17

Tgt Ion:244 Resp: 594839
Ion Ratio Lower Upper
244 100
212 6.8 5.8 8.8
122 8.7 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

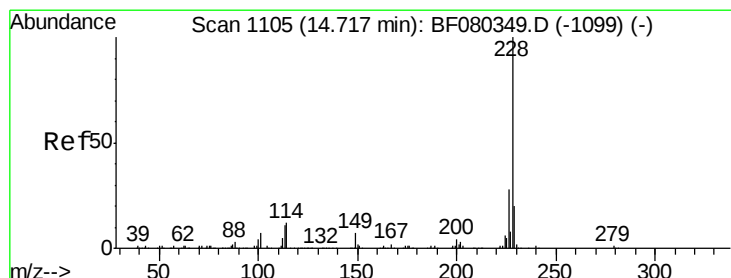
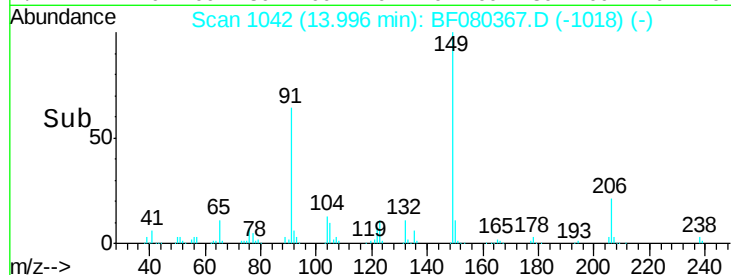
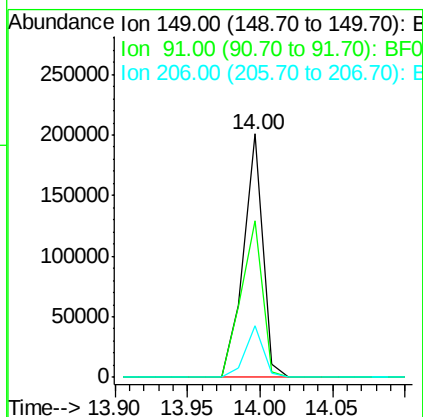
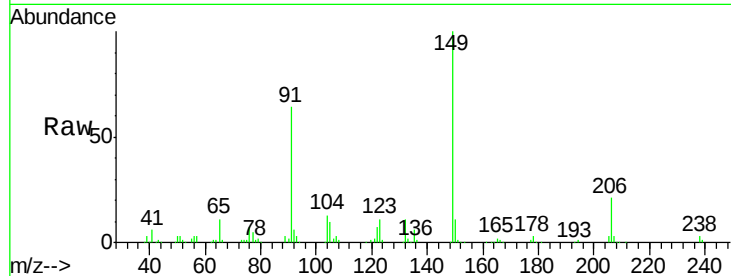




#79
Butylbenzylphthalate
Concen: 43.85 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BF080367.D
Acq: 7 Jul 2015 4:17

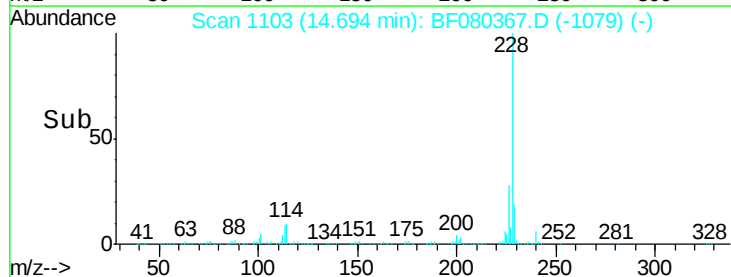
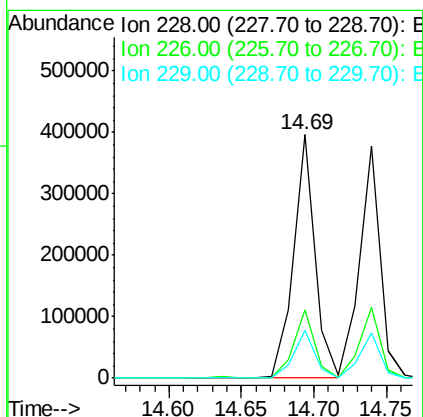
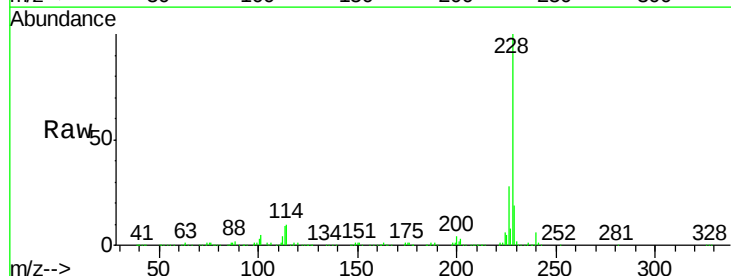
Instrument :
BNA_F
ClientSampleId :
IDOC-02-W-UM

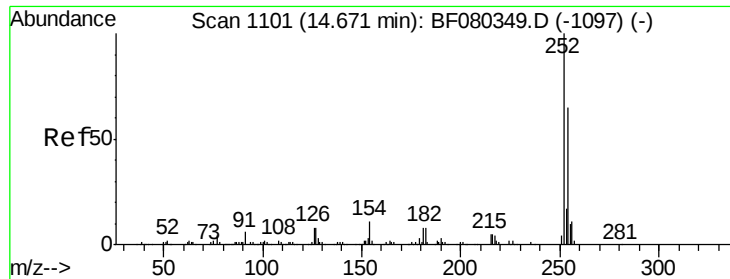
Tgt Ion:149 Resp: 186591
Ion Ratio Lower Upper
149 100
91 64.2 50.8 76.2
206 21.0 17.6 26.4



#80
Benzo(a)anthracene
Concen: 38.23 ng
RT: 14.69 min Scan# 1103
Delta R.T. -0.02 min
Lab File: BF080367.D
Acq: 7 Jul 2015 4:17

Tgt Ion:228 Resp: 406203
Ion Ratio Lower Upper
228 100
226 28.1 22.2 33.4
229 19.5 16.0 24.0

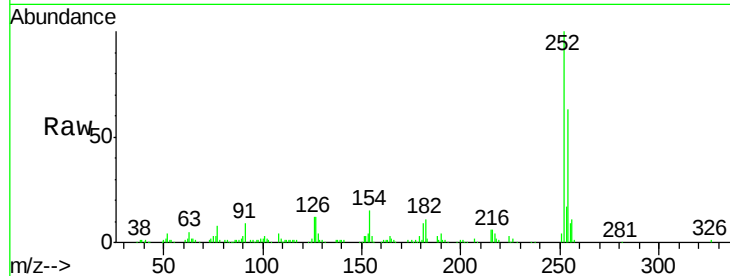




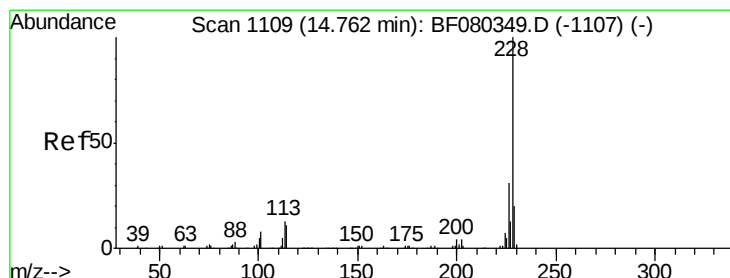
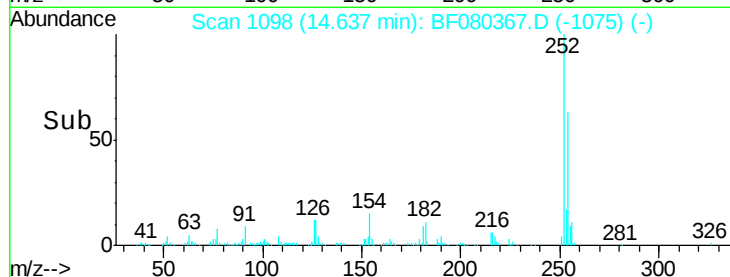
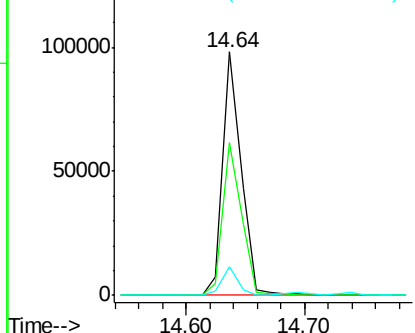
#81
 3,3'-Dichlorobenzidine
 Concen: 29.84 ng
 RT: 14.64 min Scan# 1098
 Delta R.T. -0.03 min
 Lab File: BF080367.D
 Acq: 7 Jul 2015 4:17

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

Tgt Ion:252 Resp: 105159
 Ion Ratio Lower Upper
 252 100
 254 62.5 51.7 77.5
 126 11.7 6.3 9.5#

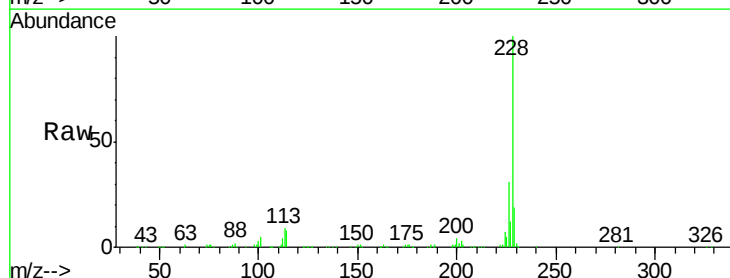


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

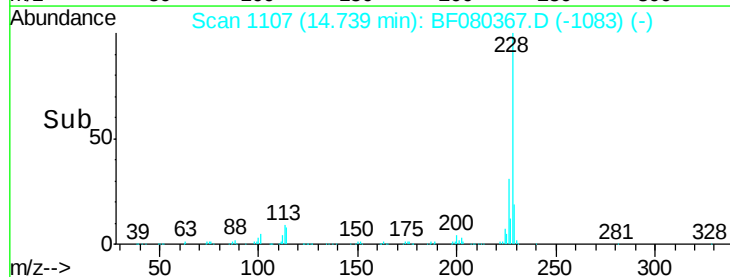
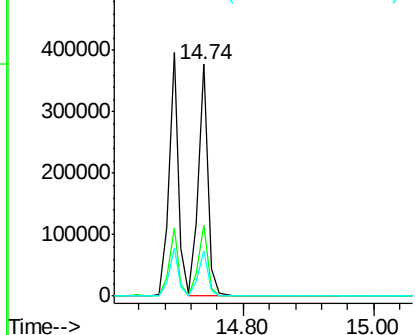


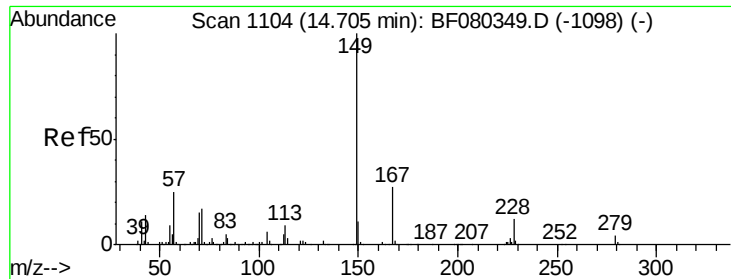
#82
 Chrysene
 Concen: 38.33 ng
 RT: 14.74 min Scan# 1107
 Delta R.T. -0.02 min
 Lab File: BF080367.D
 Acq: 7 Jul 2015 4:17

Tgt Ion:228 Resp: 381124
 Ion Ratio Lower Upper
 228 100
 226 30.6 25.0 37.4
 229 19.4 16.1 24.1



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

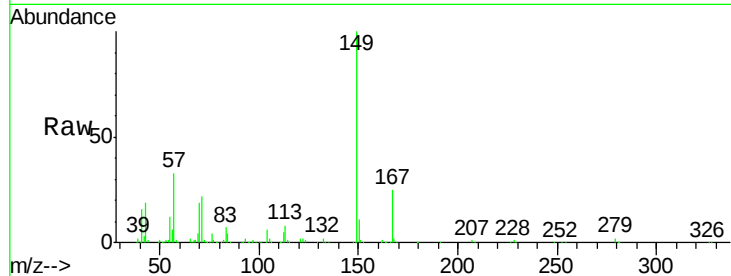




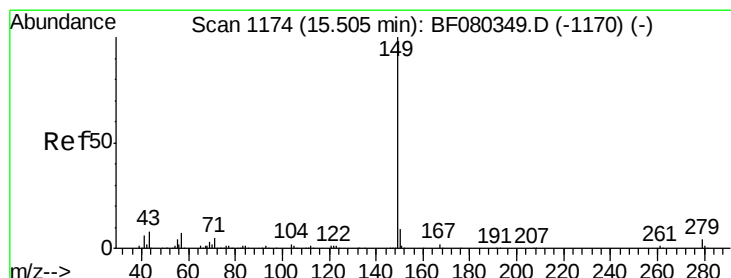
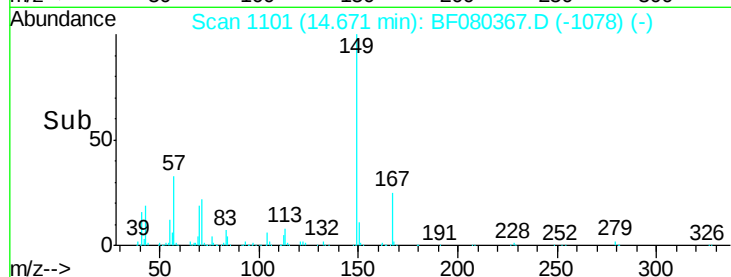
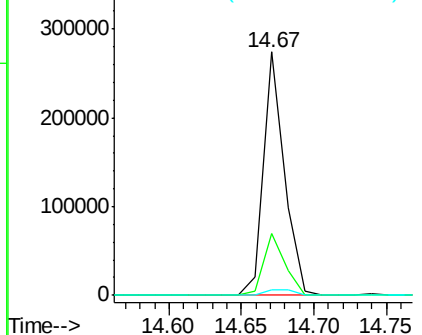
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.23 ng
 RT: 14.67 min Scan# 1101
 Delta R.T. -0.03 min
 Lab File: BF080367.D
 Acq: 7 Jul 2015 4:17

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

Tgt Ion:149 Resp: 273924
 Ion Ratio Lower Upper
 149 100
 167 25.2 21.4 32.0
 279 2.3 2.9 4.3#

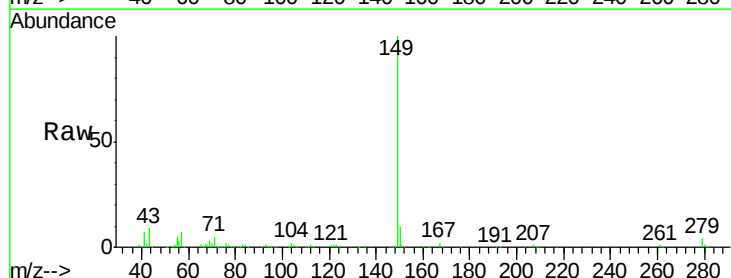


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

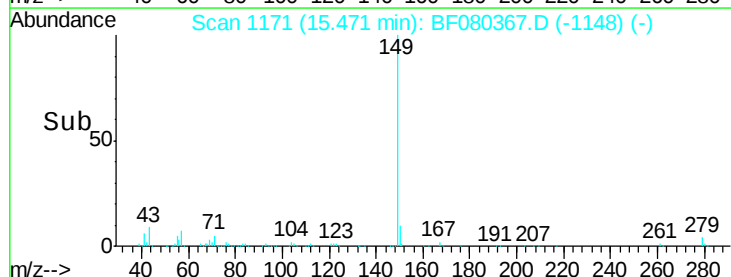
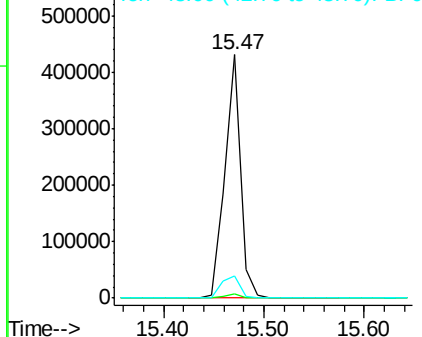


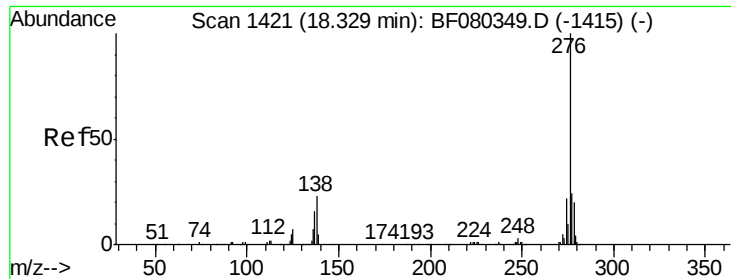
#84
 Di-n-octyl phthalate
 Concen: 43.48 ng
 RT: 15.47 min Scan# 1171
 Delta R.T. -0.03 min
 Lab File: BF080367.D
 Acq: 7 Jul 2015 4:17

Tgt Ion:149 Resp: 465903
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 10.7 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

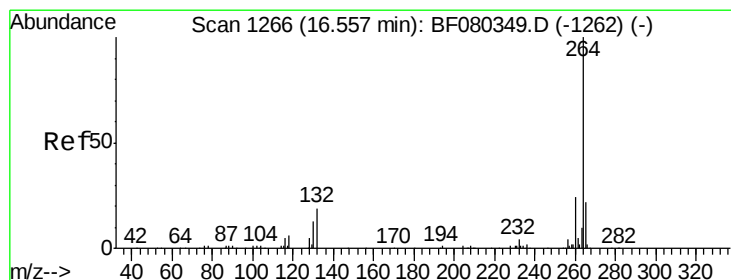
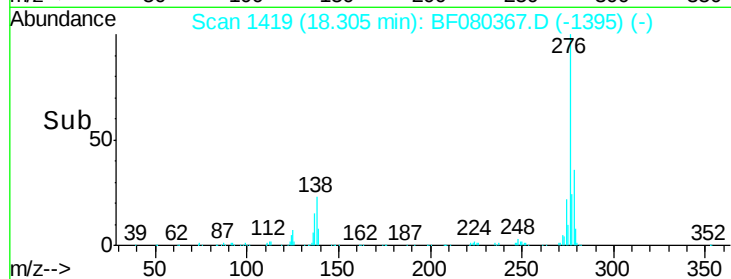
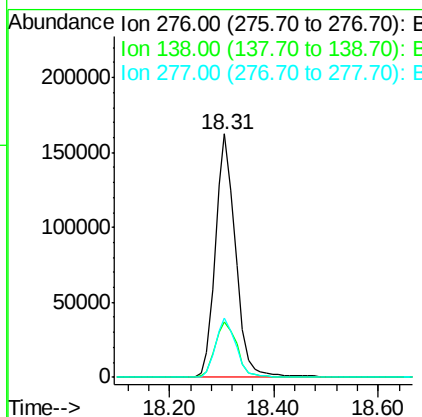
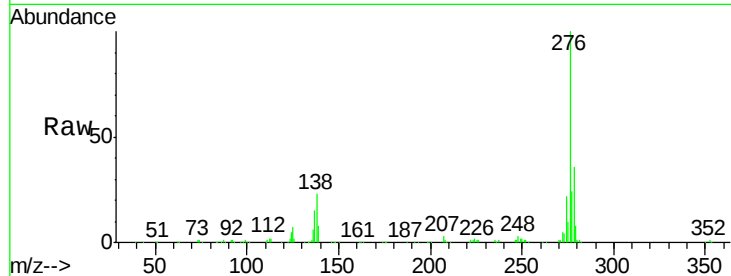




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.31 ng
 RT: 18.31 min Scan# 1419
 Delta R.T. -0.02 min
 Lab File: BF080367.D
 Acq: 7 Jul 2015 4:17

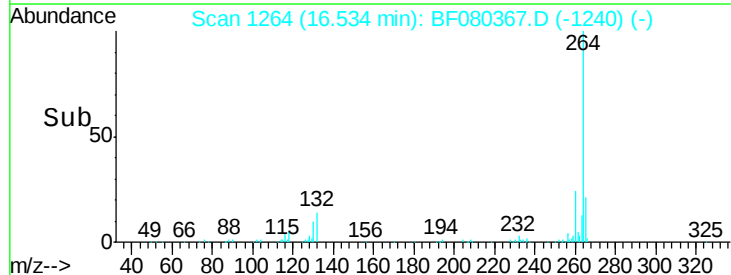
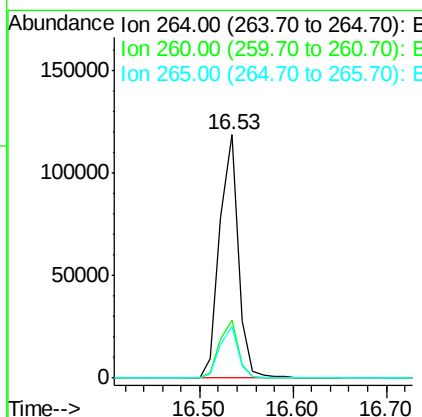
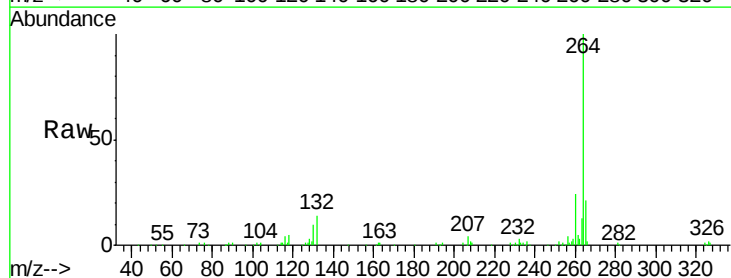
Instrument :
 BNA_F
 ClientSampleId :
 IDOC-02-W-UM

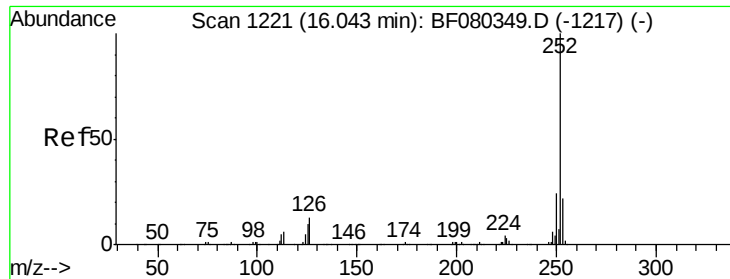
Tgt Ion:276 Resp: 436176
 Ion Ratio Lower Upper
 276 100
 138 25.0 19.7 29.5
 277 24.9 19.4 29.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.53 min Scan# 1264
 Delta R.T. -0.02 min
 Lab File: BF080367.D
 Acq: 7 Jul 2015 4:17

Tgt Ion:264 Resp: 165815
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.1 17.6 26.4





#87

Benzo(b)fluoranthene

Concen: 37.74 ng

RT: 16.02 min Scan# 1219

Delta R.T. -0.02 min

Lab File: BF080367.D

Acq: 7 Jul 2015 4:17

Instrument :

BNA_F

ClientSampleId :

IDOC-02-W-UM

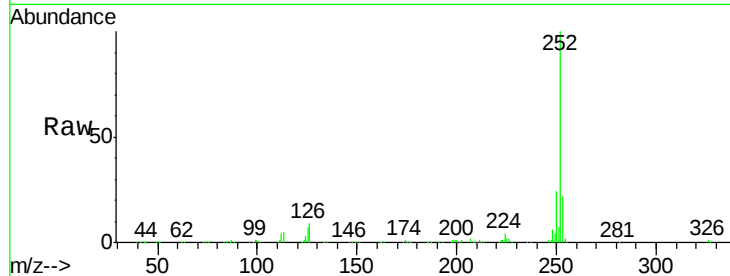
Tgt Ion:252 Resp: 393289

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.8

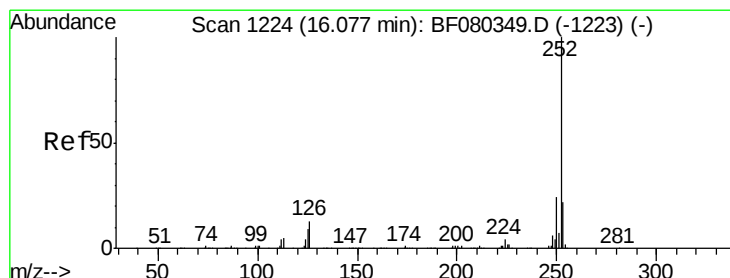
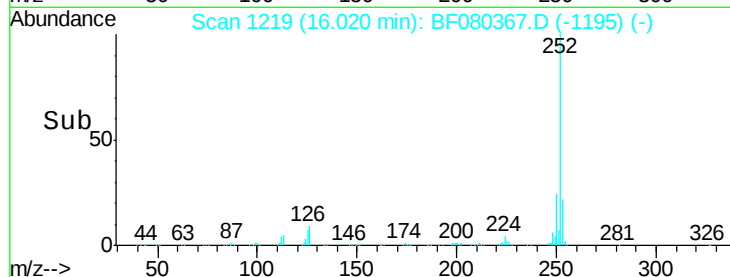
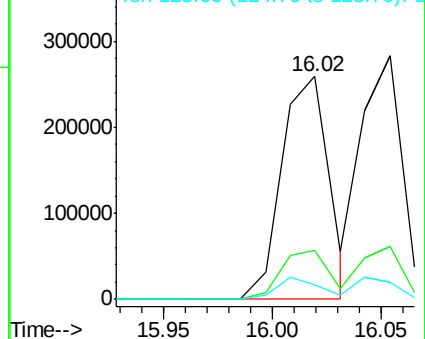
125 6.7 7.7 11.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 39.33 ng

RT: 16.05 min Scan# 1222

Delta R.T. -0.02 min

Lab File: BF080367.D

Acq: 7 Jul 2015 4:17

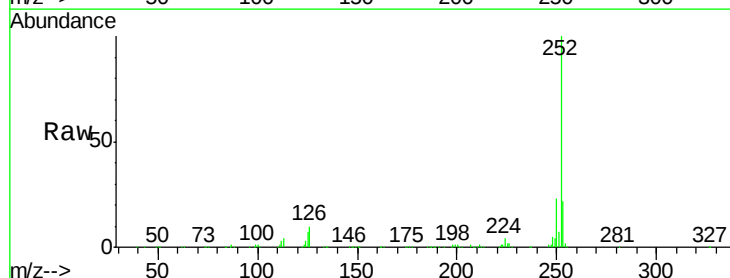
Tgt Ion:252 Resp: 387949

Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.6

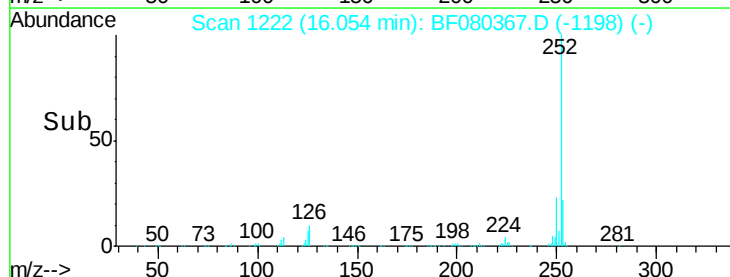
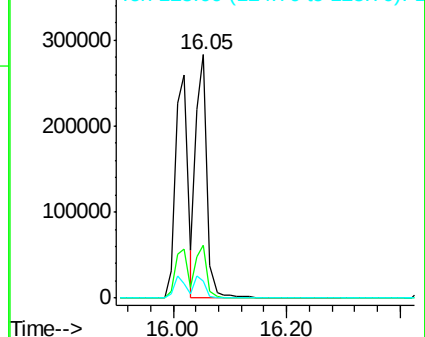
125 6.9 8.5 12.7#

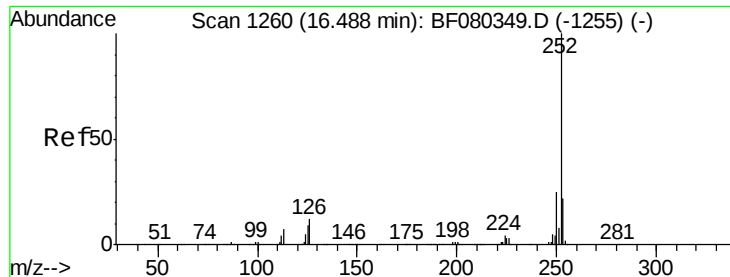


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 39.88 ng

RT: 16.45 min Scan# 1257

Delta R.T. -0.03 min

Lab File: BF080367.D

Acq: 7 Jul 2015 4:17

Instrument :

BNA_F

ClientSampleId :

IDOC-02-W-UM

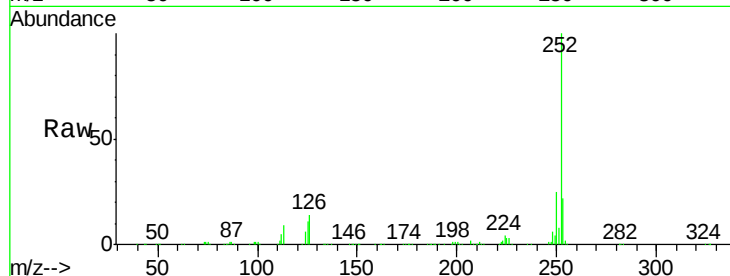
Tgt Ion:252 Resp: 380018

Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.8

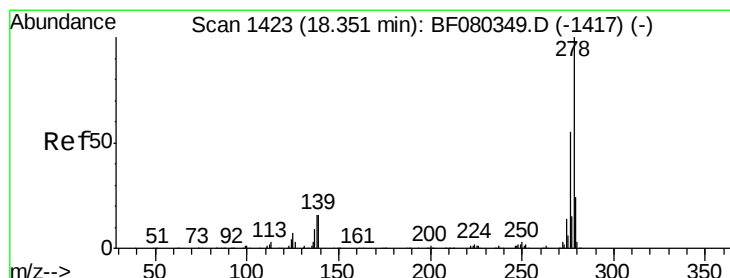
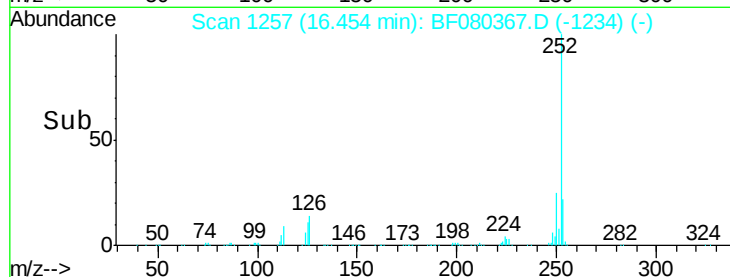
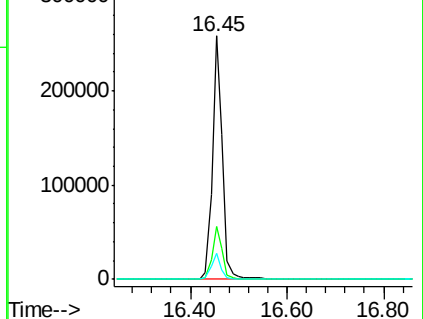
125 10.6 7.3 10.9



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: 39.24 ng

RT: 18.33 min Scan# 1421

Delta R.T. -0.02 min

Lab File: BF080367.D

Acq: 7 Jul 2015 4:17

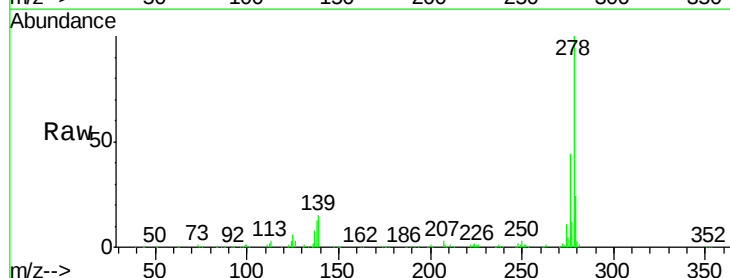
Tgt Ion:278 Resp: 368321

Ion Ratio Lower Upper

278 100

139 15.0 13.0 19.6

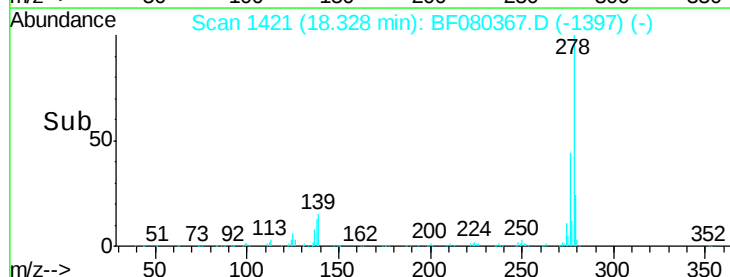
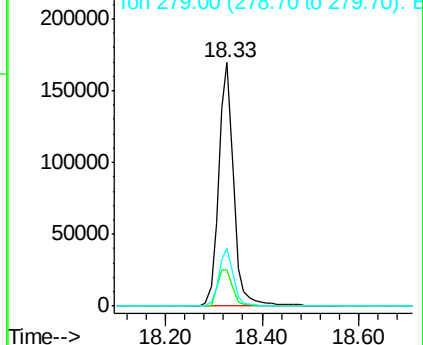
279 23.9 19.1 28.7

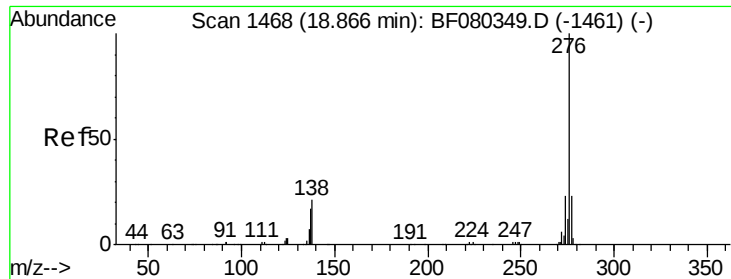


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

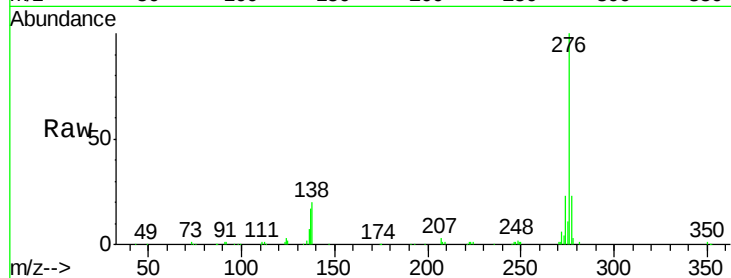




#91
 Benzo(g,h,i)perylene
 Concen: 38.17 ng
 RT: 18.84 min Scan# 1466
 Delta R.T. -0.02 min
 Lab File: BF080367.D
 Acq: 7 Jul 2015 4:17

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

Tgt Ion: 276 Resp: 363302
 Ion Ratio Lower Upper
 276 100
 277 23.1 18.6 28.0
 138 19.9 16.8 25.2



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

