

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070815\
 Data File : BF080388.D
 Acq On : 8 Jul 2015 15:23
 Operator : TP/UM
 Sample : PB84381BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84381BS

Quant Time: Jul 09 00:58:10 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 09 00:53:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.21	152	38093	20.00	ng	0.00
21) Naphthalene-d8	8.50	136	142125	20.00	ng	0.00
38) Acenaphthene-d10	10.27	164	71152	20.00	ng	0.00
63) Phenanthrene-d10	11.77	188	161547	20.00	ng	-0.01
75) Chrysene-d12	14.74	240	171647	20.00	ng	-0.10
86) Perylene-d12	16.57	264	154272	20.00	ng	-0.19

System Monitoring Compounds

5) 2-Fluorophenol	5.81	112	264166	127.01	ng	0.00
7) Phenol-d6	6.82	99	342488	124.22	ng	0.00
23) Nitrobenzene-d5	7.77	82	197374	81.00	ng	0.00
41) 2,4,6-Tribromophenol	11.06	330	93592	125.71	ng	0.00
44) 2-Fluorobiphenyl	9.57	172	438163	83.11	ng	0.00
78) Terphenyl-d14	13.46	244	535492	72.77	ng	-0.06

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.99	88	33205	33.81	ng	94
3) Pyridine	3.84	79	103253	41.32	ng	98
4) n-Nitrosodimethylamine	3.74	42	40666	34.63	ng	93
6) Aniline	6.86	93	95964	25.14	ng	98
8) 2-Chlorophenol	6.99	128	97746	40.54	ng	98
9) Benzaldehyde	6.75	77	39975	26.07	ng	99
10) Phenol	6.83	94	130974	43.81	ng	96
11) bis(2-Chloroethyl)ether	6.92	93	84875	37.63	ng	99
12) 1,3-Dichlorobenzene	7.15	146	111464	37.66	ng	99
13) 1,4-Dichlorobenzene	7.15	146	111464	40.32	ng	95
14) 1,2-Dichlorobenzene	7.38	146	106613	38.11	ng	98
15) Benzyl Alcohol	7.33	79	83548	39.15	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.47	45	142604	39.10	ng	100
17) 2-Methylphenol	7.45	107	73525	39.34	ng	96
18) Hexachloroethane	7.73	117	32507	36.60	ng	96
19) n-Nitroso-di-n-propylamine	7.61	70	65909	36.84	ng	98
20) 3+4-Methylphenols	7.60	107	105713	40.59	ng	98
22) Acetophenone	7.61	105	139017	42.40	ng	99
24) Nitrobenzene	7.78	77	95025	38.82	ng	98
25) Isophorone	8.02	82	187075	39.89	ng	99
26) 2-Nitrophenol	8.11	139	42635	40.25	ng	97
27) 2,4-Dimethylphenol	8.13	122	91746	44.02	ng	99
28) bis(2-Chloroethoxy)methane	8.22	93	114532	39.32	ng	100
29) 2,4-Dichlorophenol	8.35	162	78806	42.59	ng	98
30) 1,2,4-Trichlorobenzene	8.44	180	84880	38.60	ng	98
31) Naphthalene	8.52	128	285024	39.10	ng	100
32) Benzoic acid	8.20	122	45826	42.67	ng	95
33) 4-Chloroaniline	8.56	127	79140	27.23	ng	98
34) Hexachlorobutadiene	8.64	225	50443	37.70	ng	99
35) Caprolactam	8.90	113	23989	41.98	ng	# 73
36) 4-Chloro-3-methylphenol	9.02	107	76707	40.18	ng	98
37) 2-Methylnaphthalene	9.21	142	182475	39.26	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	9.38	216	84891	37.64	ng	99
40) Hexachlorocyclopentadiene	9.37	237	71482	76.58	ng	98

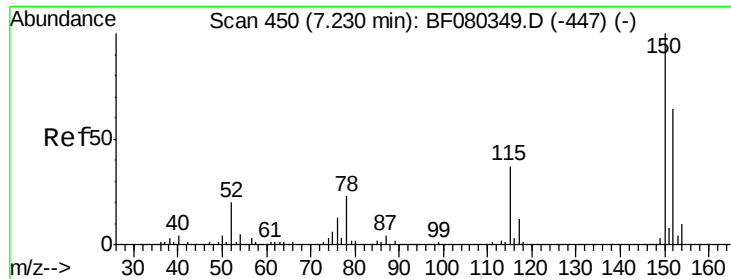
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070815\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.49	196	55391	37.29	ng	97
43) 2,4,5-Trichlorophenol	9.53	196	67535	39.00	ng	98
45) 1,1'-Biphenyl	9.68	154	252265	39.95	ng	98
46) 2-Chloronaphthalene	9.71	162	177700	36.90	ng	98
47) 2-Nitroaniline	9.79	65	58186	43.18	ng	98
48) Acenaphthylene	10.12	152	304683	38.01	ng	100
49) Dimethylphthalate	9.96	163	217040	37.99	ng	100
50) 2,6-Dinitrotoluene	10.03	165	49629	41.55	ng	94
51) Acenaphthene	10.29	154	193436	40.32	ng	97
52) 3-Nitroaniline	10.20	138	40110	29.80	ng	94
53) 2,4-Dinitrophenol	10.32	184	37625	73.13	ng	98
54) Dibenzofuran	10.48	168	265596	38.93	ng	100
55) 4-Nitrophenol	10.35	139	82532	83.67	ng	84
56) 2,4-Dinitrotoluene	10.44	165	63465	41.32	ng	99
57) Fluorene	10.82	166	230001	39.15	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.59	232	53815	38.80	ng	99
59) Diethylphthalate	10.67	149	231454	40.56	ng	99
60) 4-Chlorophenyl-phenylether	10.81	204	103465	39.80	ng	99
61) 4-Nitroaniline	10.82	138	50629	38.75	ng	98
62) Azobenzene	10.97	77	212117	39.14	ng	99
64) 4,6-Dinitro-2-methylphenol	10.85	198	30828	34.46	ng	97
65) n-Nitrosodiphenylamine	10.92	169	183728	35.71	ng	100
66) 4-Bromophenyl-phenylether	11.30	248	68465	37.00	ng	96
67) Hexachlorobenzene	11.38	284	69583	35.84	ng	99
68) Atrazine	11.44	200	55208	36.04	ng	99
69) Pentachlorophenol	11.57	266	66977	69.77	ng	94
70) Phenanthrene	11.79	178	337810	34.86	ng	100
71) Anthracene	11.85	178	363248	38.23	ng	100
72) Carbazole	12.00	167	312175	35.23	ng	99
73) Di-n-butylphthalate	12.34	149	368371	36.34	ng	# 98
74) Fluoranthene	13.06	202	386150	37.09	ng	97
76) Benzidine	13.17	184	117600	27.01	ng	99
77) Pyrene	13.31	202	391288	37.69	ng	100
79) Butylbenzylphthalate	14.02	149	163581	39.49	ng	96
80) Benzo(a)anthracene	14.73	228	401162	38.78	ng	98
81) 3,3'-Dichlorobenzidine	14.67	252	96329	28.08	ng	# 98
82) Chrysene	14.77	228	357094	36.89	ng	99
83) Bis(2-ethylhexyl)phthalate	14.71	149	252802	40.03	ng	# 97
84) Di-n-octyl phthalate	15.52	149	414070	39.69	ng	99
85) Indeno(1,2,3-cd)pyrene	18.33	276	391687	34.42	ng	100
87) Benzo(b)fluoranthene	16.05	252	373625	38.54	ng	98
88) Benzo(k)fluoranthene	16.05	252	373625	40.71	ng	99
89) Benzo(a)pyrene	16.50	252	351390	39.63	ng	99
90) Dibenzo(a,h)anthracene	18.35	278	325950	37.33	ng	99
91) Benzo(g,h,i)perylene	18.87	276	326735	36.90	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.21 min Scan# 448

Delta R.T. 0.00 min

Lab File: BF080388.D

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PB84381BS

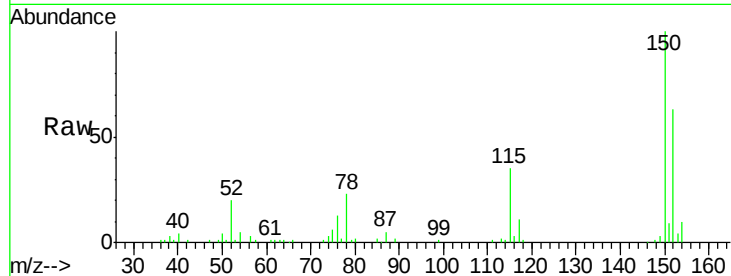
Tgt Ion:152 Resp: 38093

Ion Ratio Lower Upper

152 100

150 158.6 124.7 187.1

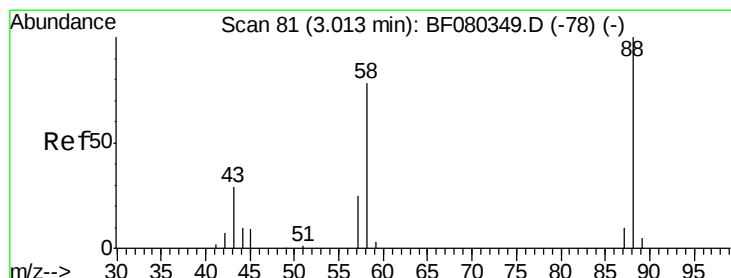
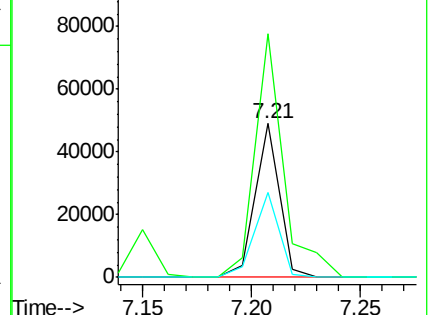
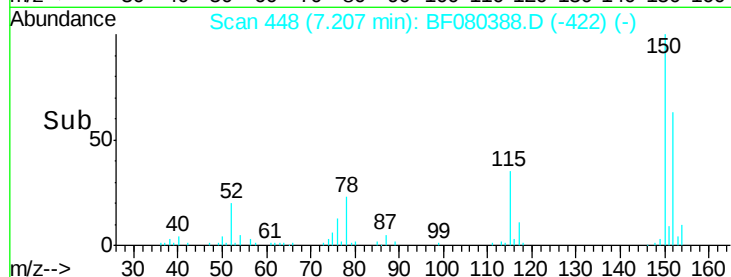
115 55.5 45.7 68.5



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: 33.81 ng

RT: 2.99 min Scan# 79

Delta R.T. 0.02 min

Lab File: BF080388.D

Acq: 8 Jul 2015 15:23

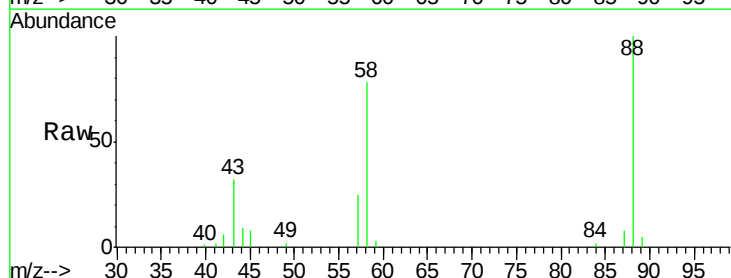
Tgt Ion: 88 Resp: 33205

Ion Ratio Lower Upper

88 100

58 83.1 61.0 91.6

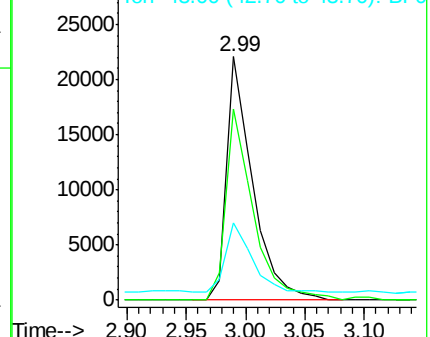
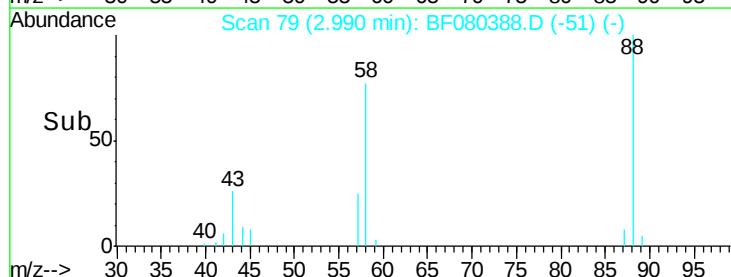
43 29.7 23.4 35.0

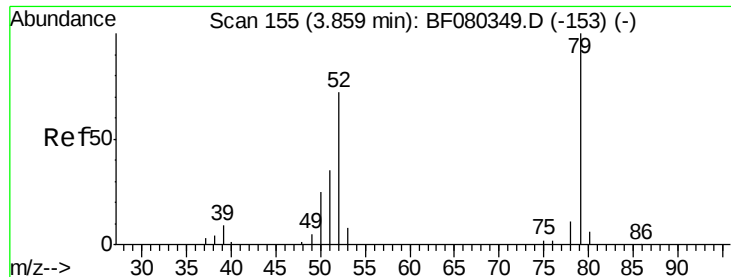


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 41.32 ng

RT: 3.84 min Scan# 153

Delta R.T. 0.02 min

Lab File: BF080388.D

Acq: 8 Jul 2015 15:23

Instrument :

BNA_F

ClientSampleId :

PB84381BS

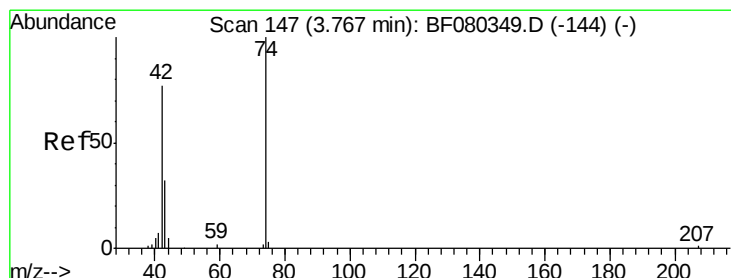
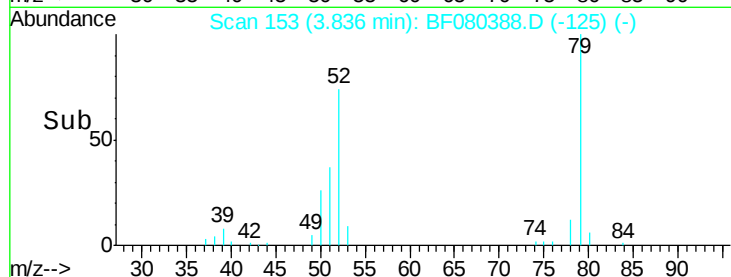
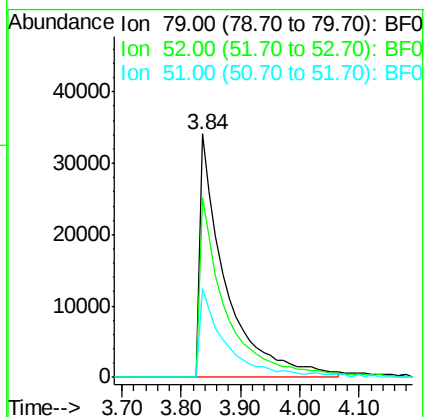
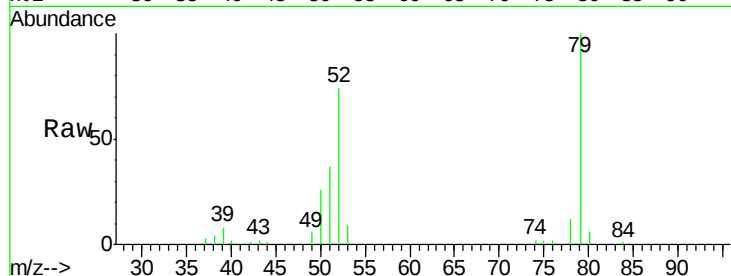
Tgt Ion: 79 Resp: 103253

Ion Ratio Lower Upper

79 100

52 73.7 57.2 85.8

51 36.6 29.4 44.0



#4

n-Nitrosodimethylamine

Concen: 34.63 ng

RT: 3.74 min Scan# 145

Delta R.T. 0.02 min

Lab File: BF080388.D

Acq: 8 Jul 2015 15:23

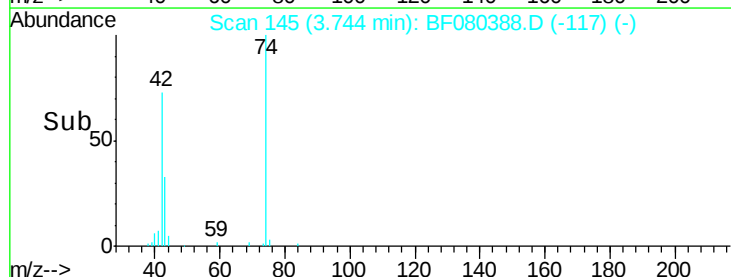
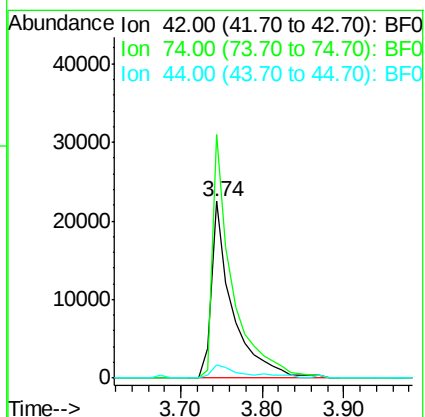
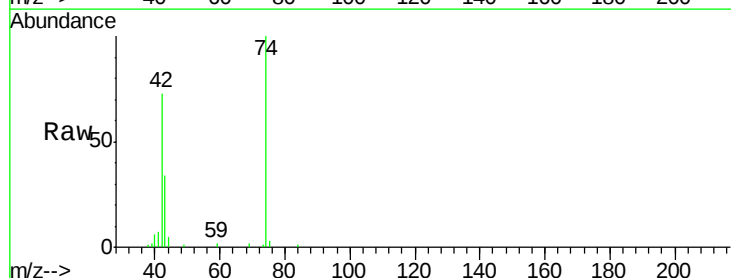
Tgt Ion: 42 Resp: 40666

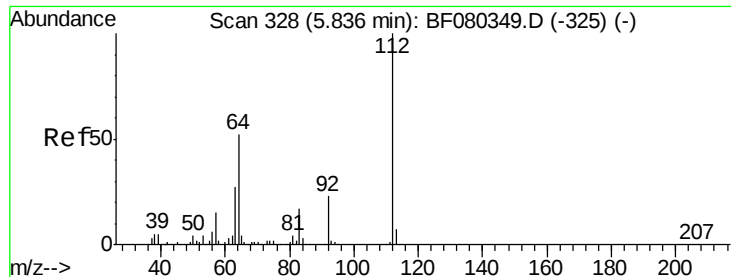
Ion Ratio Lower Upper

42 100

74 137.7 103.4 155.0

44 7.6 5.4 8.0





#5

2-Fluorophenol

Concen: 127.01 ng

RT: 5.81 min Scan# 326

Delta R.T. 0.00 min

Lab File: BF080388.D

Acq: 8 Jul 2015 15:23

Instrument :

BNA_F

ClientSampleId :

PB84381BS

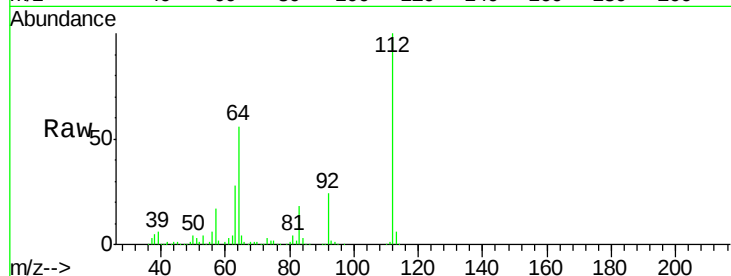
Tgt Ion: 112 Resp: 264166

Ion Ratio Lower Upper

112 100

64 55.7 41.8 62.6

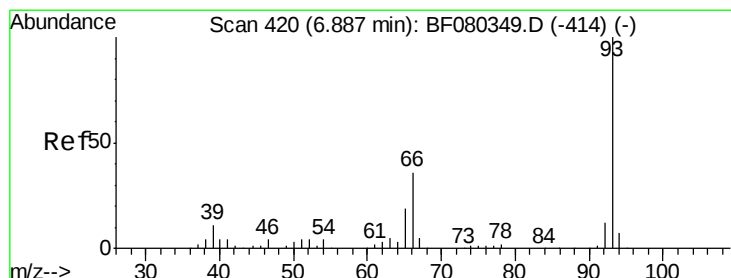
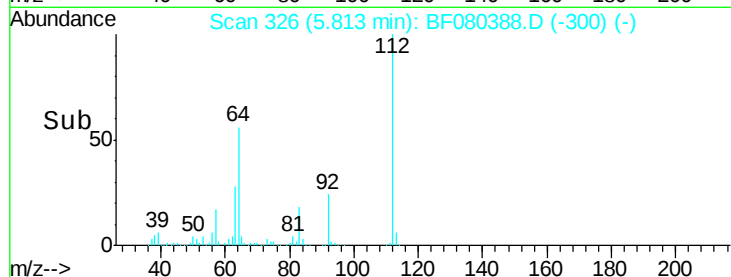
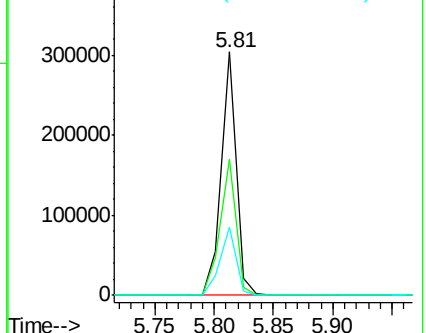
63 28.2 21.5 32.3



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 25.14 ng

RT: 6.86 min Scan# 418

Delta R.T. 0.00 min

Lab File: BF080388.D

Acq: 8 Jul 2015 15:23

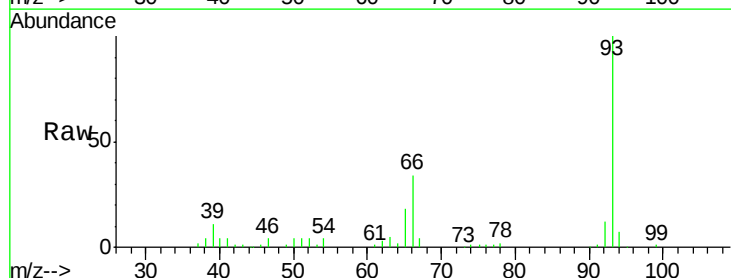
Tgt Ion: 93 Resp: 95964

Ion Ratio Lower Upper

93 100

66 34.4 28.7 43.1

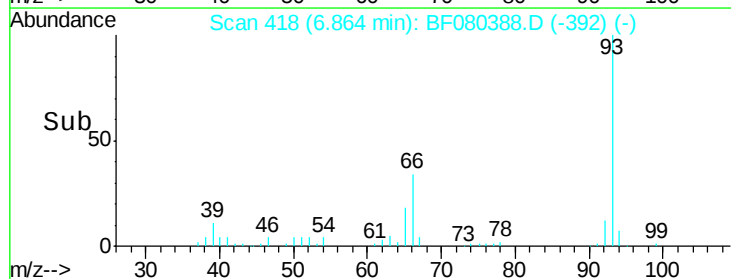
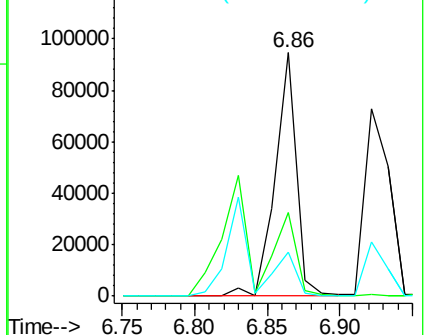
65 18.0 14.8 22.2

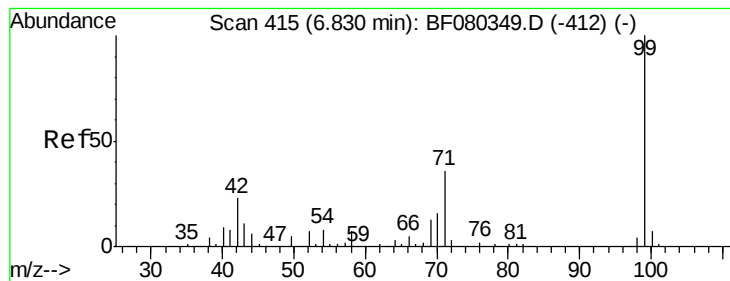


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 124.22 ng

RT: 6.82 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF080388.D

Acq: 8 Jul 2015 15:23

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ClientSampleId :

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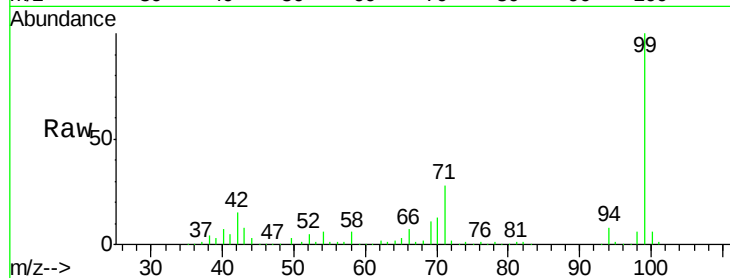
Tgt Ion: 99 Resp: 342488

Ion Ratio Lower Upper

99 100

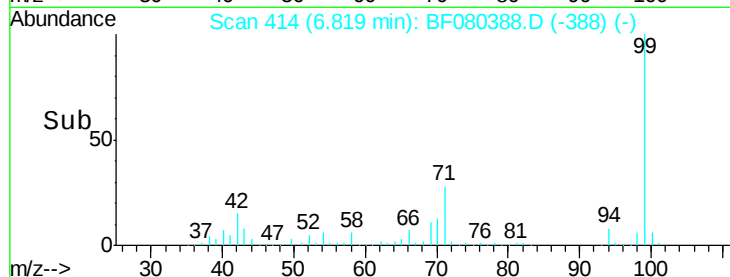
42 15.3 18.5 27.7#

71 28.4 28.5 42.7#

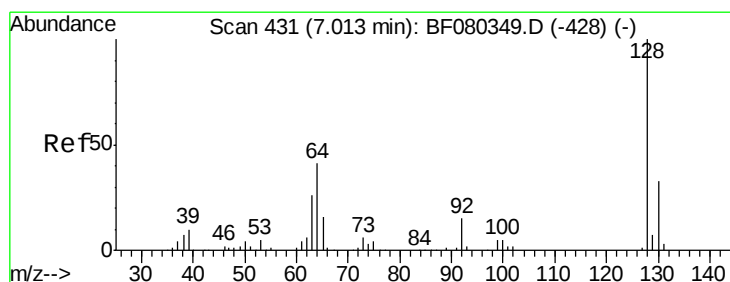


Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0

6.82



Time-->



#8

2-Chlorophenol

Concen: 40.54 ng

RT: 6.99 min Scan# 429

Delta R.T. 0.00 min

Lab File: BF080388.D

Acq: 8 Jul 2015 15:23

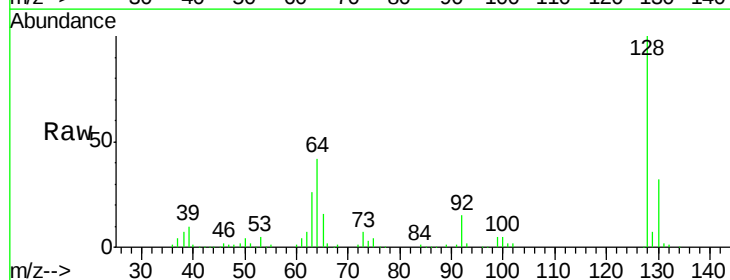
Tgt Ion: 128 Resp: 97746

Ion Ratio Lower Upper

128 100

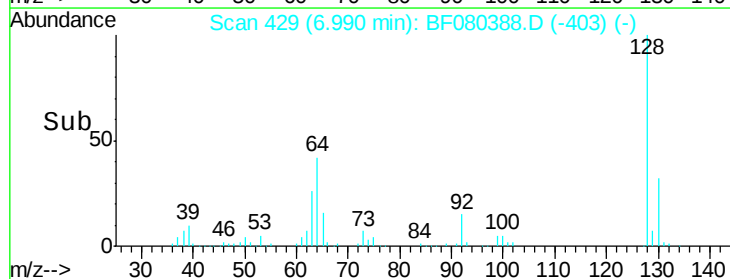
130 32.4 12.8 52.8

64 42.5 21.1 61.1

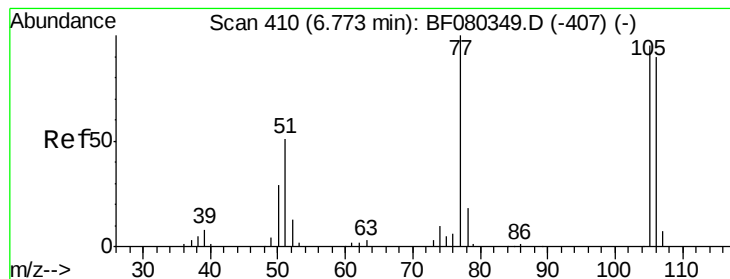


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0

6.99



Time-->



#9

Benzaldehyde

Concen: 26.07 ng

RT: 6.75 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF080388.D

Acq: 8 Jul 2015 15:23

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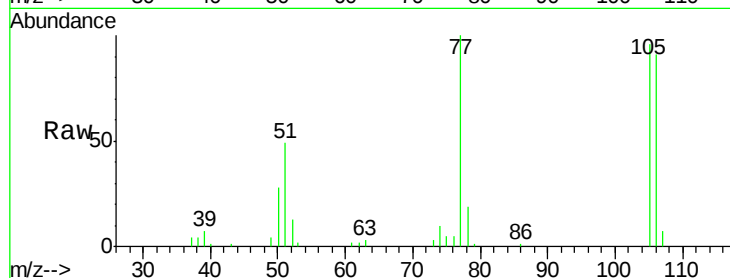
Tgt Ion: 77 Resp: 39975

Ion Ratio Lower Upper

77 100

105 95.7 75.2 115.2

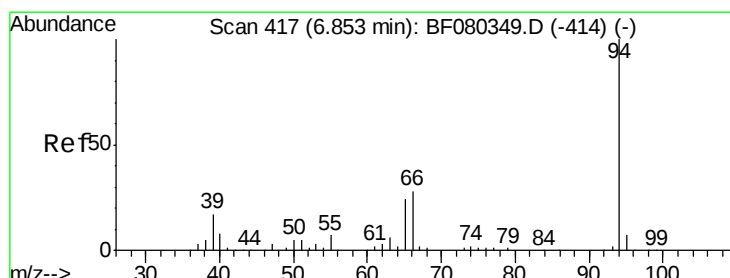
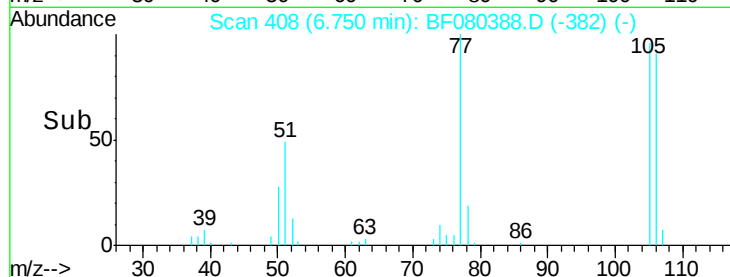
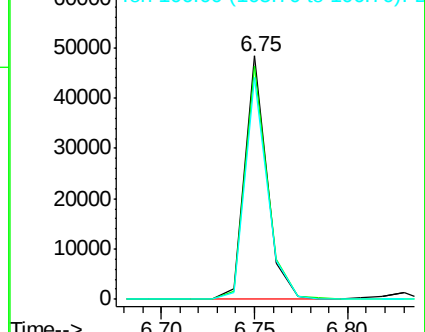
106 90.9 69.9 109.9



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: 43.81 ng

RT: 6.83 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF080388.D

Acq: 8 Jul 2015 15:23

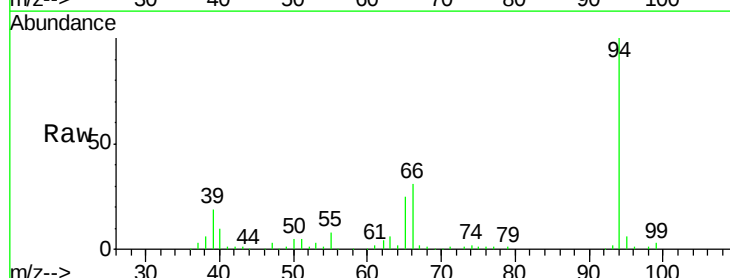
Tgt Ion: 94 Resp: 130974

Ion Ratio Lower Upper

94 100

65 25.3 3.5 43.5

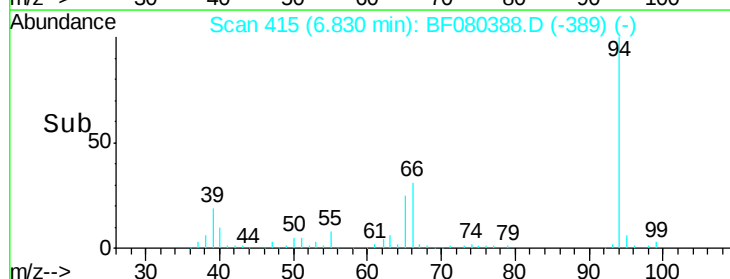
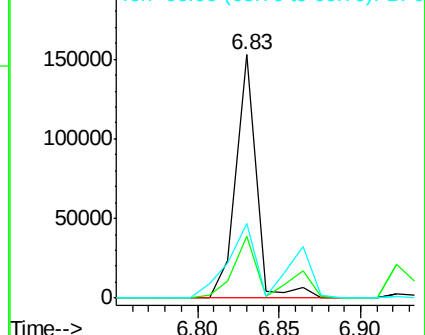
66 30.7 8.5 48.5

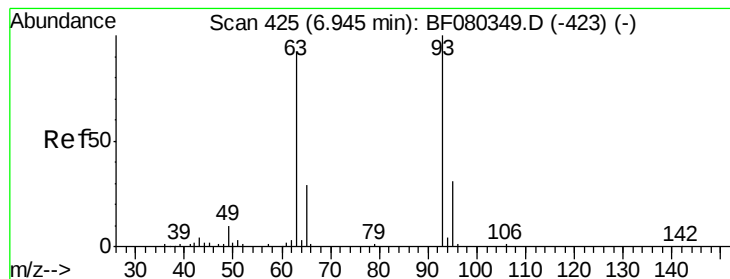


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 37.63 ng

RT: 6.92 min Scan# 423

Delta R.T. -0.01 min

Lab File: BF080388.D

Acq: 8 Jul 2015 15:23

Instrument :

BNA_F

ClientSampleId :

PB84381BS

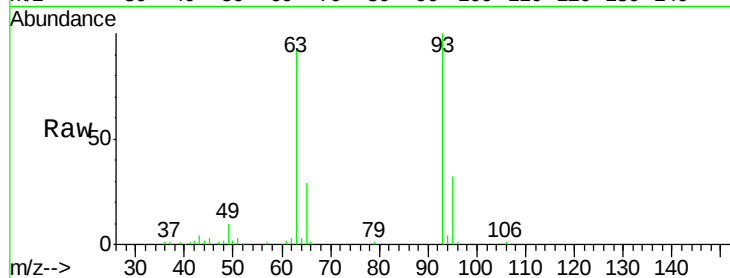
Tgt Ion: 93 Resp: 84875

Ion Ratio Lower Upper

93 100

63 92.9 71.3 111.3

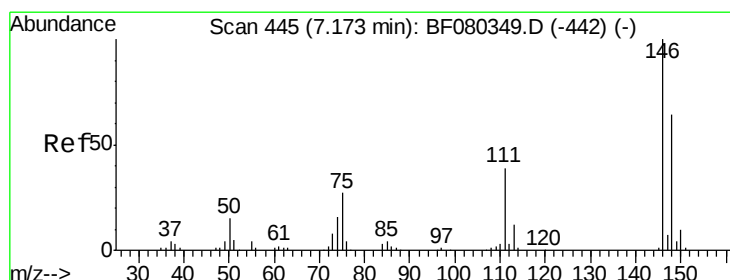
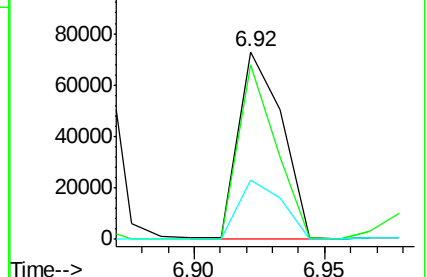
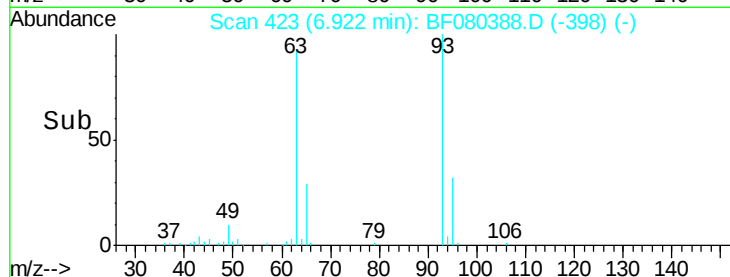
95 31.8 11.3 51.3



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 37.66 ng

RT: 7.15 min Scan# 443

Delta R.T. 0.00 min

Lab File: BF080388.D

Acq: 8 Jul 2015 15:23

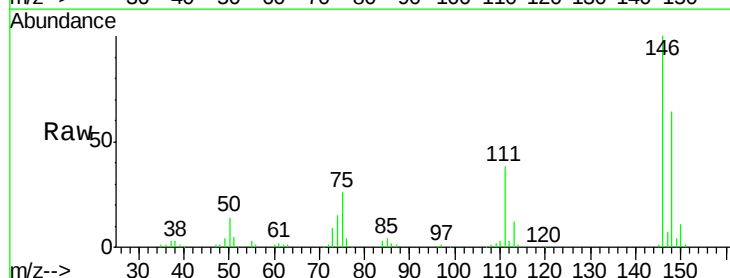
Tgt Ion: 146 Resp: 111464

Ion Ratio Lower Upper

146 100

148 64.3 51.4 77.0

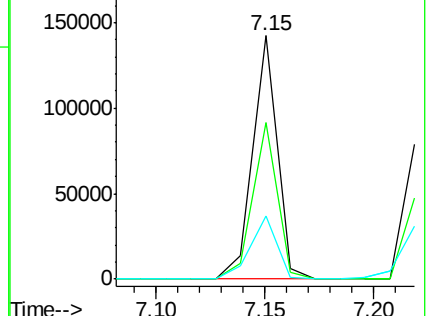
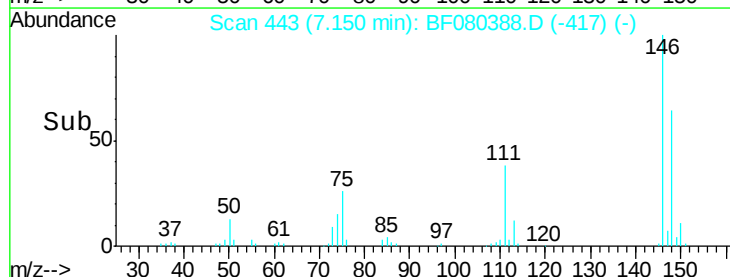
75 26.0 21.5 32.3

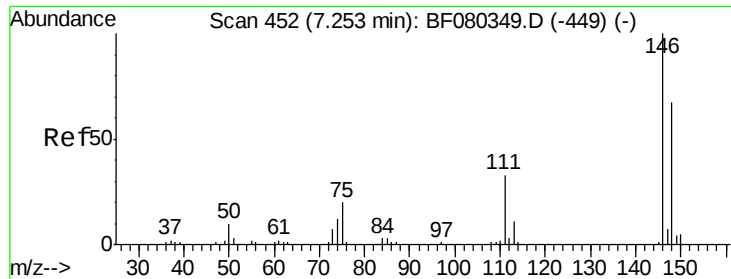


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

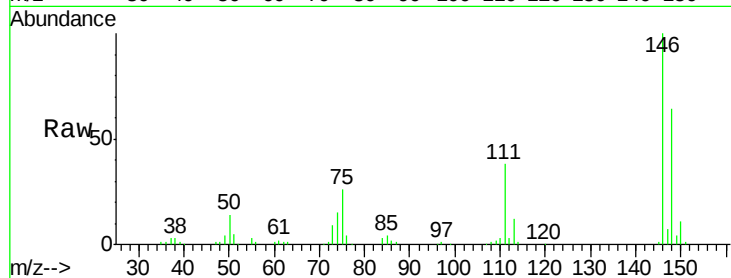




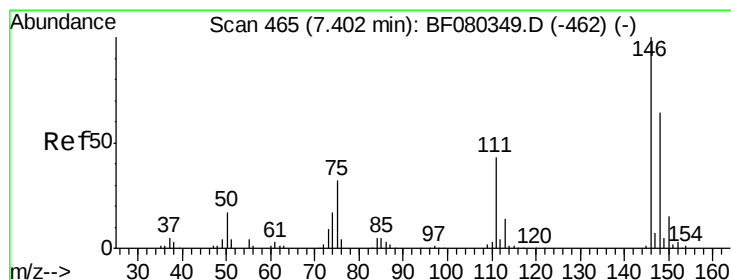
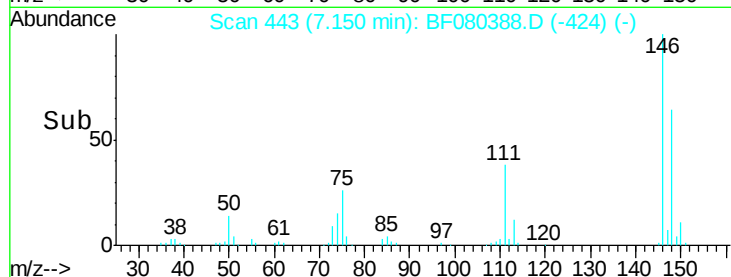
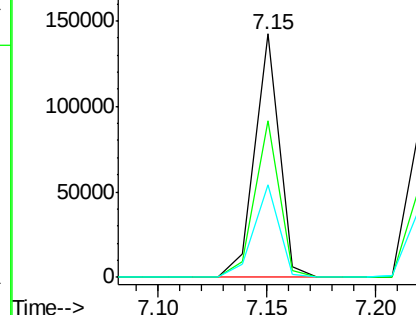
#13
 1,4-Dichlorobenzene
 Concen: 40.32 ng
 RT: 7.15 min Scan# 443
 Delta R.T. -0.08 min
 Lab File: BF080388.D
 Acq: 8 Jul 2015 15:23

Instrument :
 BNA_F
 ClientSampleId :
 PB84381BS

Tgt Ion:146 Resp: 111464
 Ion Ratio Lower Upper
 146 100
 148 64.3 53.4 80.0
 111 38.2 26.2 39.2

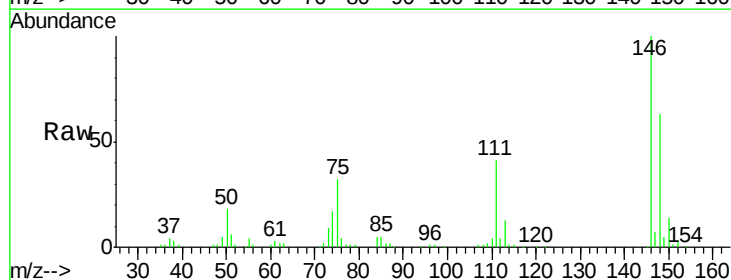


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

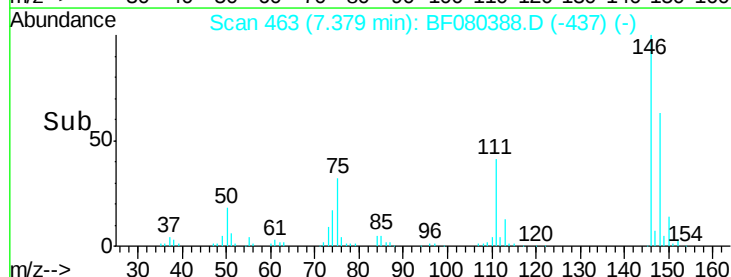
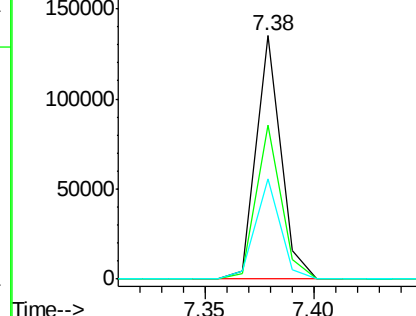


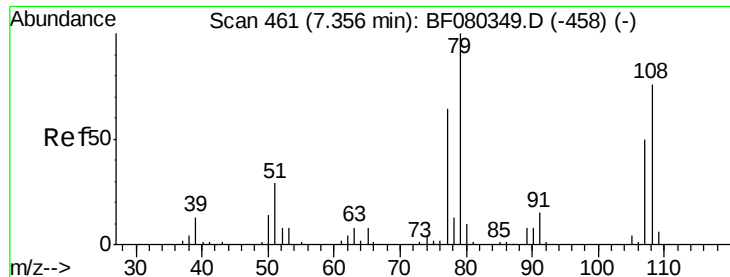
#14
 1,2-Dichlorobenzene
 Concen: 38.11 ng
 RT: 7.38 min Scan# 463
 Delta R.T. 0.00 min
 Lab File: BF080388.D
 Acq: 8 Jul 2015 15:23

Tgt Ion:146 Resp: 106613
 Ion Ratio Lower Upper
 146 100
 148 63.0 51.3 76.9
 111 41.4 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: 39.15 ng

RT: 7.33 min Scan# 459

Delta R.T. 0.00 min

Lab File: BF080388.D

Acq: 8 Jul 2015 15:23

Instrument :

BNA_F

ClientSampleId :

PB84381BS

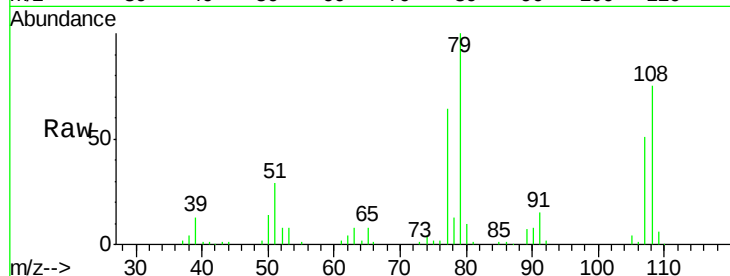
Tgt Ion: 79 Resp: 83548

Ion Ratio Lower Upper

79 100

108 74.6 60.6 90.8

77 64.5 50.8 76.2



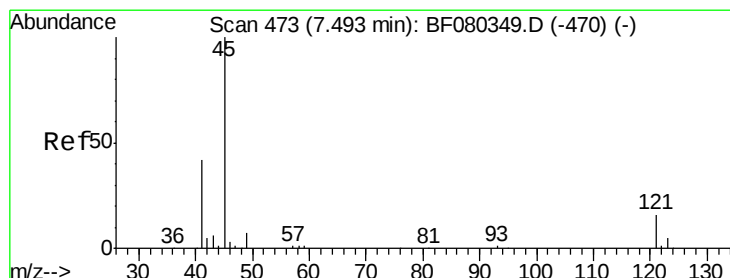
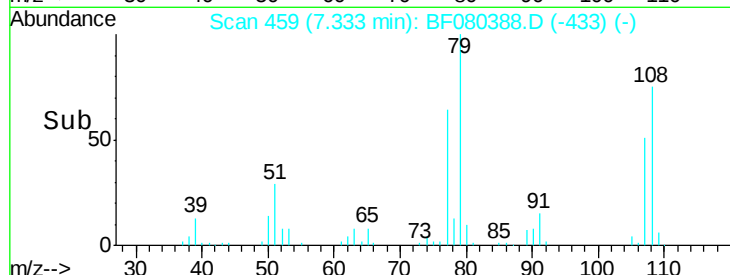
Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

7.33

Time-->



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.10 ng

RT: 7.47 min Scan# 471

Delta R.T. -0.01 min

Lab File: BF080388.D

Acq: 8 Jul 2015 15:23

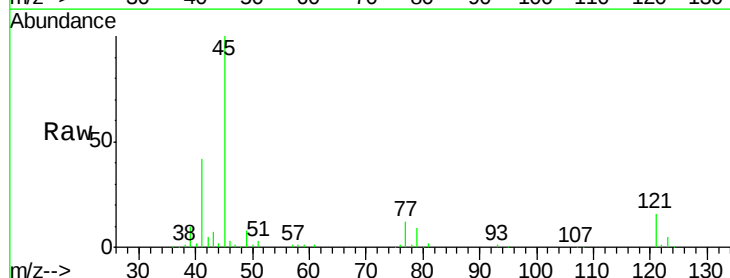
Tgt Ion: 45 Resp: 142604

Ion Ratio Lower Upper

45 100

77 12.0 0.0 31.9

79 9.4 0.0 29.7



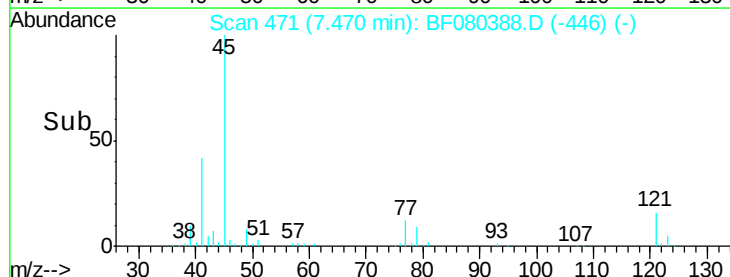
Abundance Ion 45.00 (44.70 to 45.70): BF0

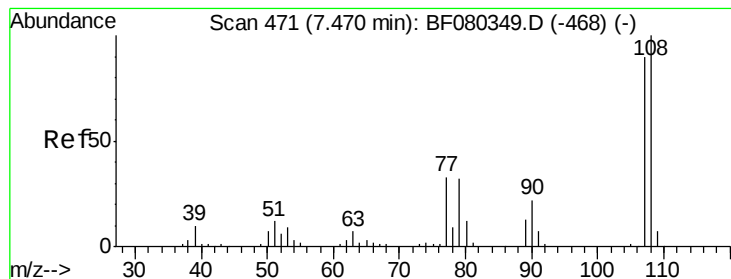
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

7.47

Time-->





#17

2-Methylphenol

Concen: 39.34 ng

RT: 7.45 min Scan# 469

Delta R.T. 0.00 min

Lab File: BF080388.D

Acq: 8 Jul 2015 15:23

Instrument :

BNA_F

ClientSampleId :

PB84381BS

Tgt Ion:107 Resp: 73525

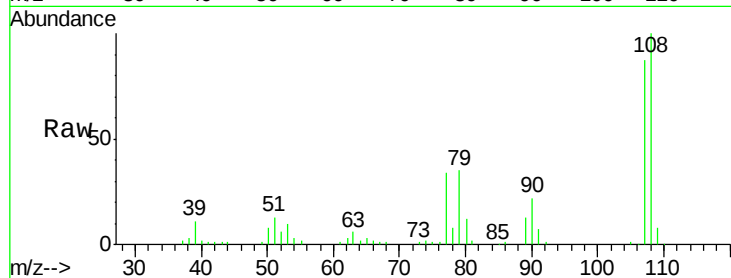
Ion Ratio Lower Upper

107 100

108 114.5 89.3 133.9

77 39.4 29.5 44.3

79 39.8 28.6 43.0

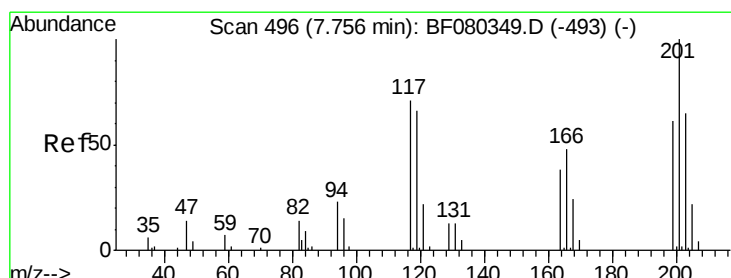
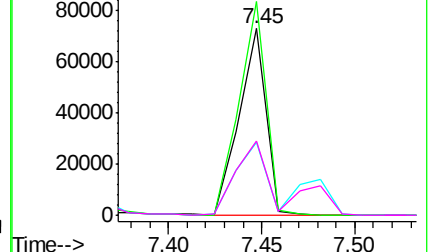
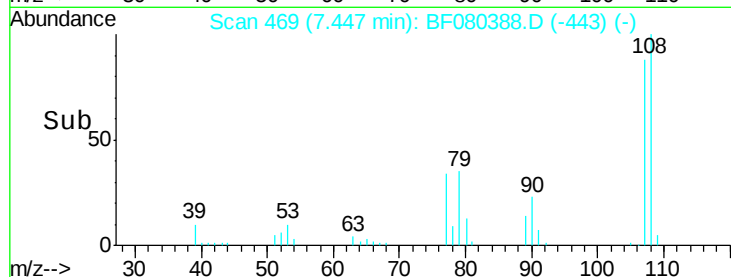


Abundance Ion 107.00 (106.70 to 107.70): E

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: 36.60 ng

RT: 7.73 min Scan# 494

Delta R.T. 0.00 min

Lab File: BF080388.D

Acq: 8 Jul 2015 15:23

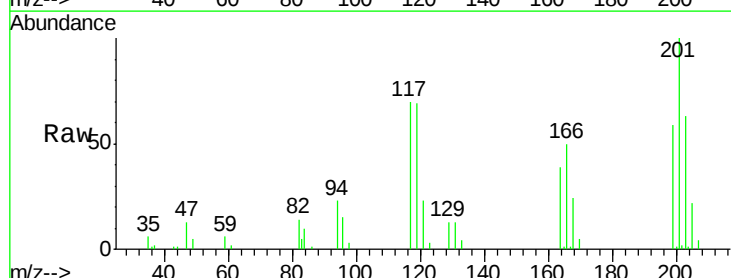
Tgt Ion:117 Resp: 32507

Ion Ratio Lower Upper

117 100

119 98.2 74.2 111.4

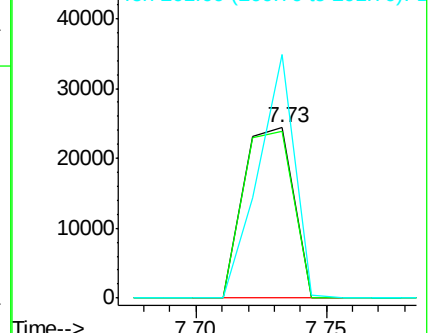
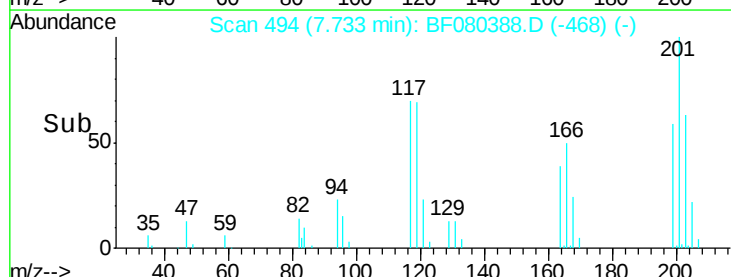
201 143.1 112.4 168.6

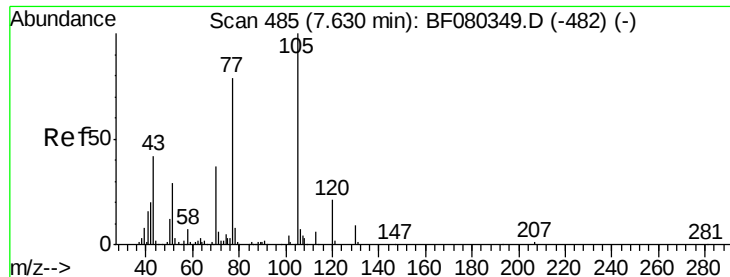


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

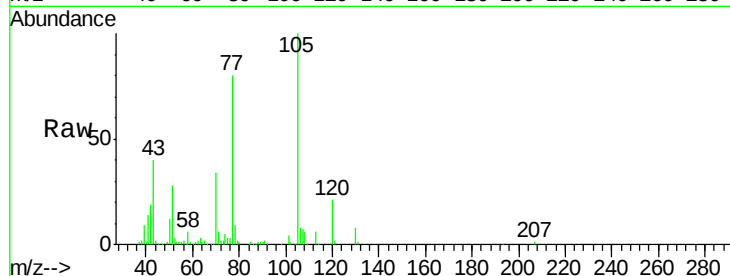




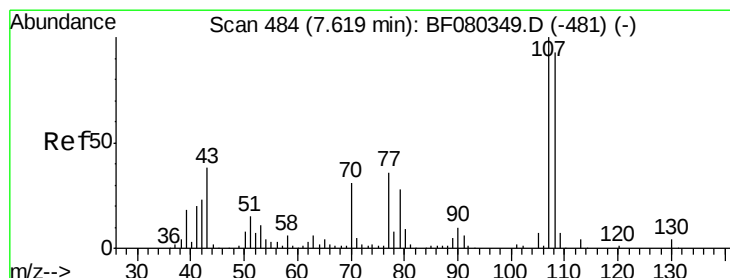
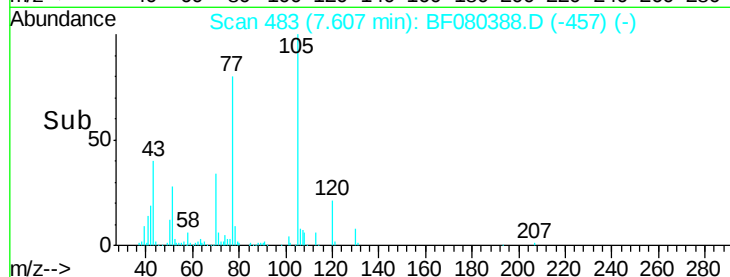
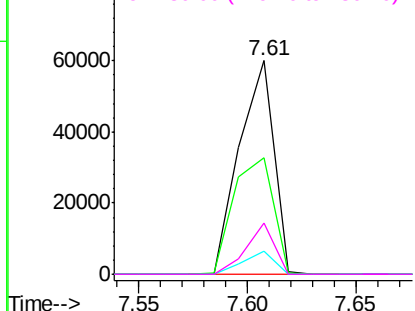
#19
n-Nitroso-di-n-propylamine
Concen: 36.84 ng
RT: 7.61 min Scan# 483
Delta R.T. 0.00 min
Lab File: BF080388.D
Acq: 8 Jul 2015 15:23

Instrument :
BNA_F
ClientSampleId :
PB84381BS

Tgt Ion:	70	Resp:	65909
Ion	Ratio	Lower	Upper
70	100		
42	54.7	43.0	64.6
101	10.6	8.3	12.5
130	23.7	20.2	30.2

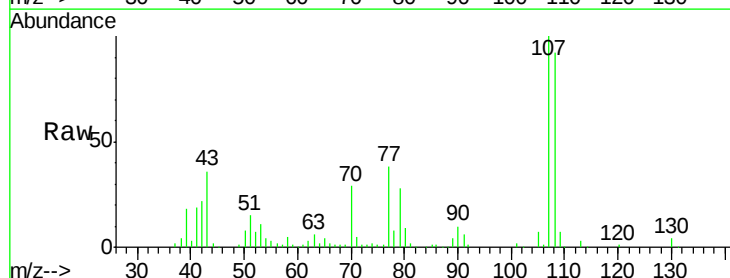


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

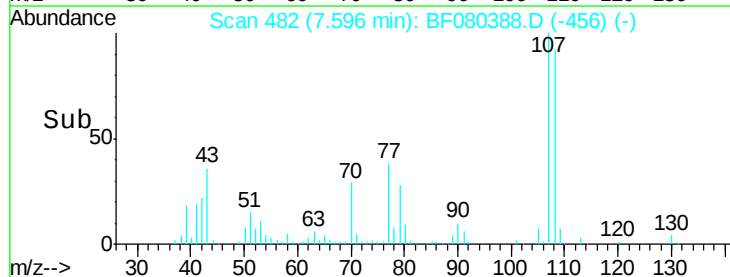
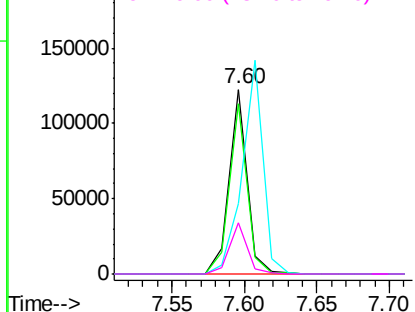


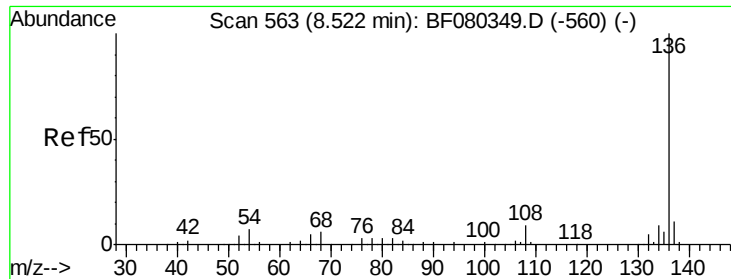
#20
3+4-Methylphenols
Concen: 40.59 ng
RT: 7.60 min Scan# 482
Delta R.T. 0.00 min
Lab File: BF080388.D
Acq: 8 Jul 2015 15:23

Tgt Ion:	107	Resp:	105713
Ion	Ratio	Lower	Upper
107	100		
108	92.2	73.4	113.4
77	38.1	16.4	56.4
79	27.9	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

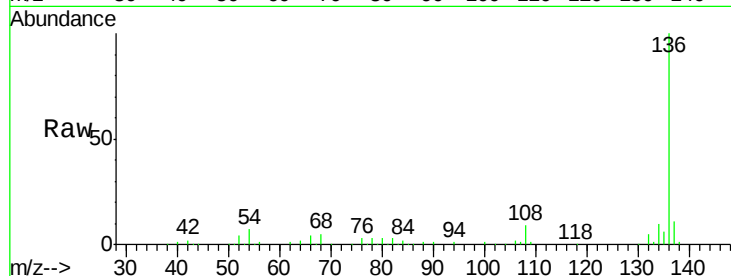




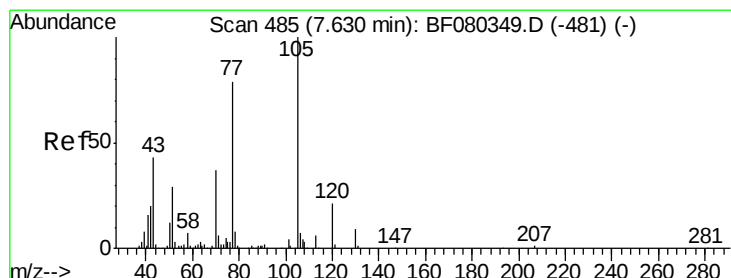
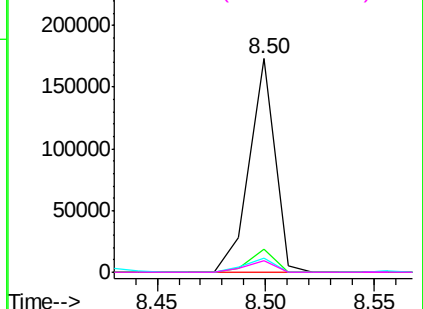
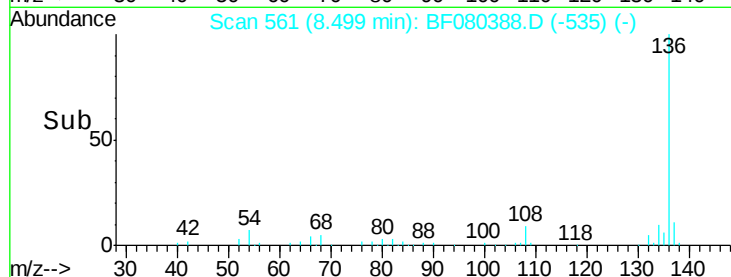
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.50 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF080388.D
Acq: 8 Jul 2015 15:23

Instrument :
BNA_F
ClientSampleId :
PB84381BS

Tgt Ion:	136	Resp:	142125
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.5	12.7
54	6.8	5.8	8.8
68	5.2	4.6	6.8

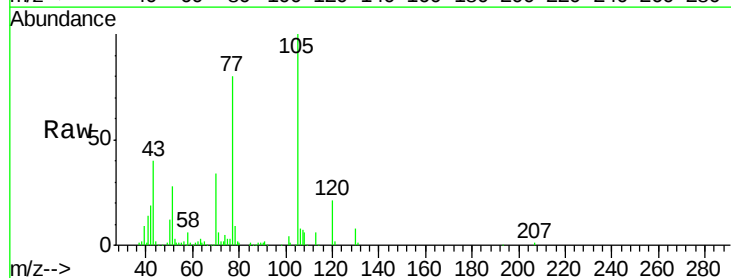


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

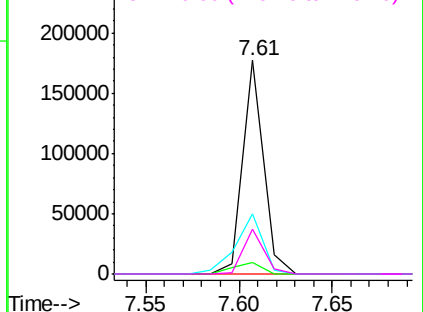
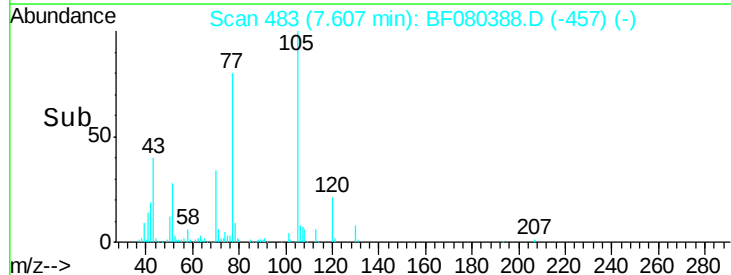


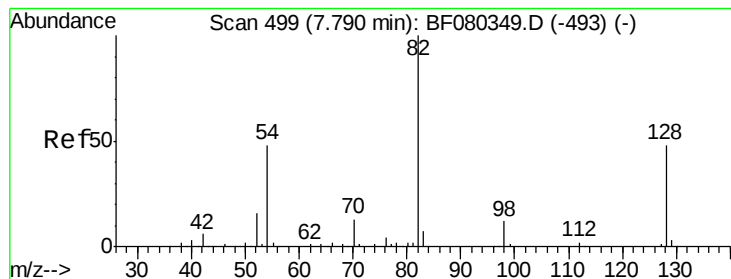
#22
Acetophenone
Concen: 42.40 ng
RT: 7.61 min Scan# 483
Delta R.T. 0.00 min
Lab File: BF080388.D
Acq: 8 Jul 2015 15:23

Tgt Ion:	105	Resp:	139017
Ion Ratio	Lower	Upper	
105	100		
71	5.7	5.0	7.6
51	28.4	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: 81.00 ng

RT: 7.77 min Scan# 497

Delta R.T. 0.00 min

Lab File: BF080388.D

Acq: 8 Jul 2015 15:23

Instrument :

BNA_F

ClientSampleID :

PB84381BS

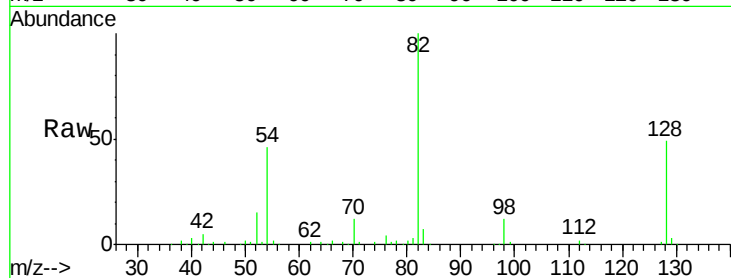
Tgt Ion: 82 Resp: 197374

Ion Ratio Lower Upper

82 100

128 48.9 38.4 57.6

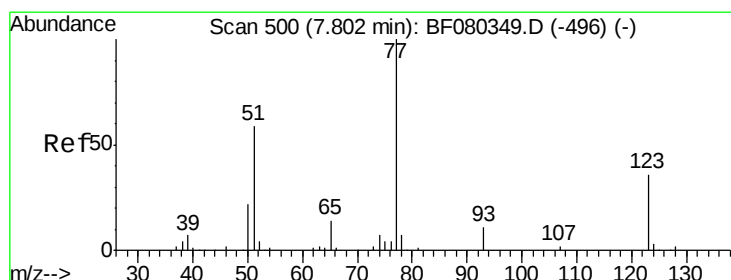
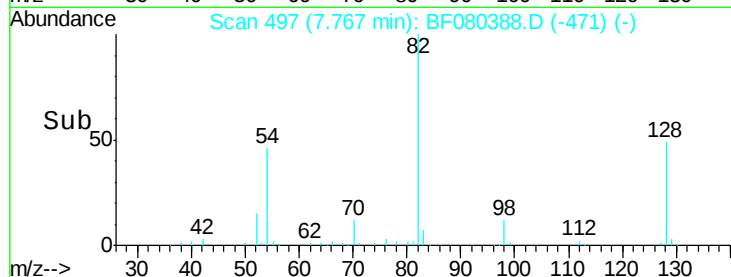
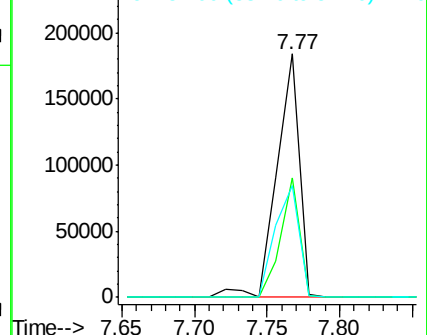
54 46.1 38.2 57.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 38.82 ng

RT: 7.78 min Scan# 498

Delta R.T. -0.01 min

Lab File: BF080388.D

Acq: 8 Jul 2015 15:23

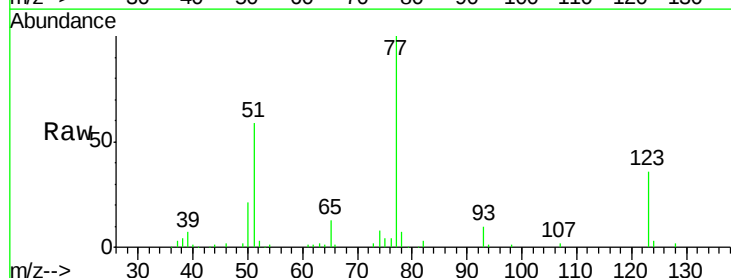
Tgt Ion: 77 Resp: 95025

Ion Ratio Lower Upper

77 100

123 36.1 29.6 44.4

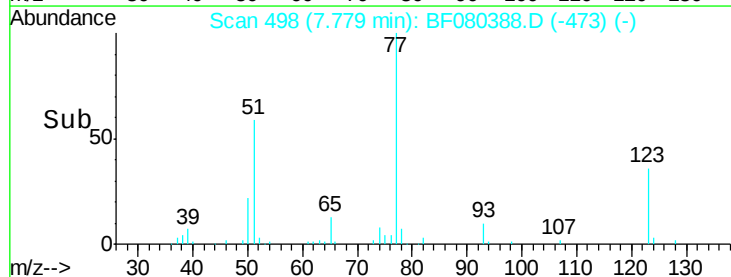
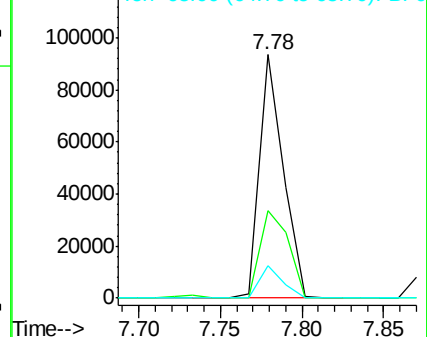
65 13.2 11.1 16.7

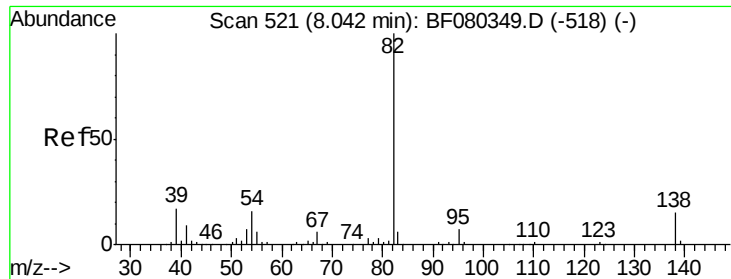


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 39.89 ng

RT: 8.02 min Scan# 519

Delta R.T. 0.00 min

Lab File: BF080388.D

Acq: 8 Jul 2015 15:23

Instrument :

BNA_F

ClientSampleId :

PB84381BS

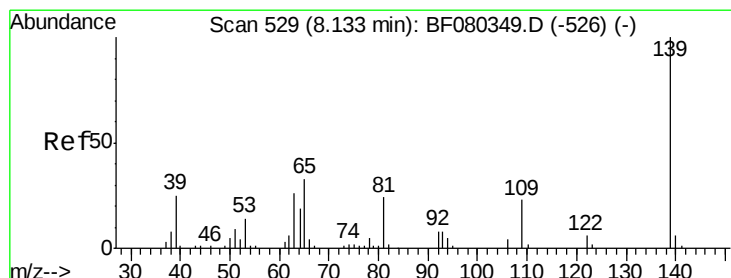
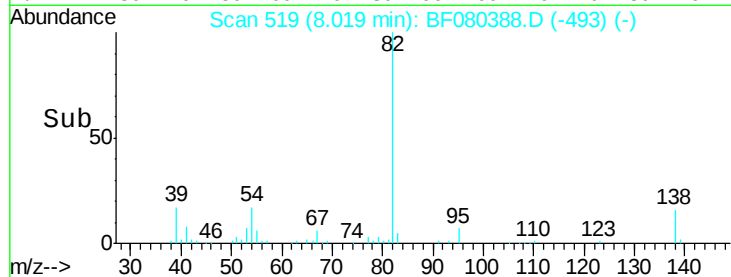
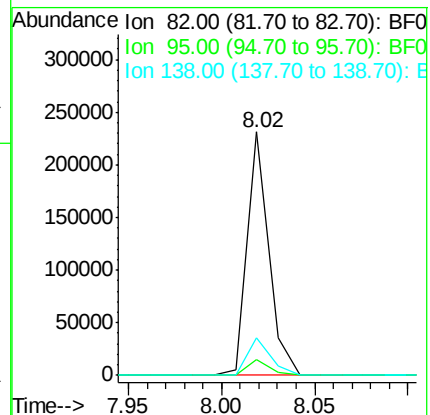
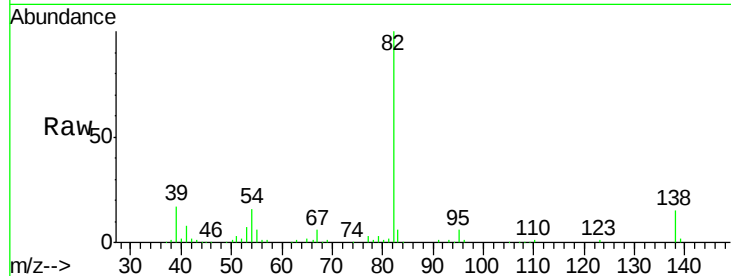
Tgt Ion: 82 Resp: 187075

Ion Ratio Lower Upper

82 100

95 6.4 5.2 7.8

138 15.3 12.0 18.0



#26

2-Nitrophenol

Concen: 40.25 ng

RT: 8.11 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF080388.D

Acq: 8 Jul 2015 15:23

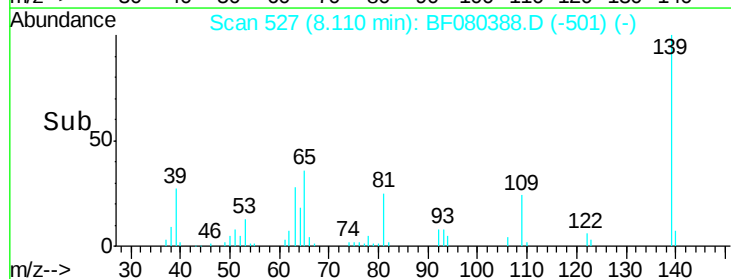
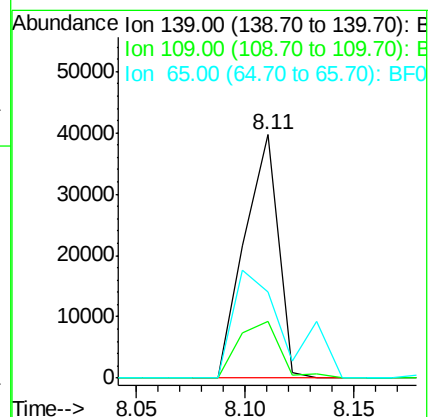
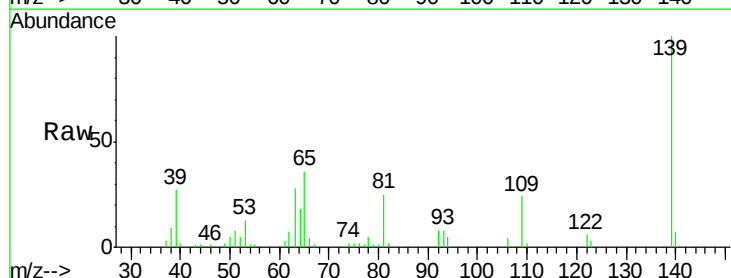
Tgt Ion: 139 Resp: 42635

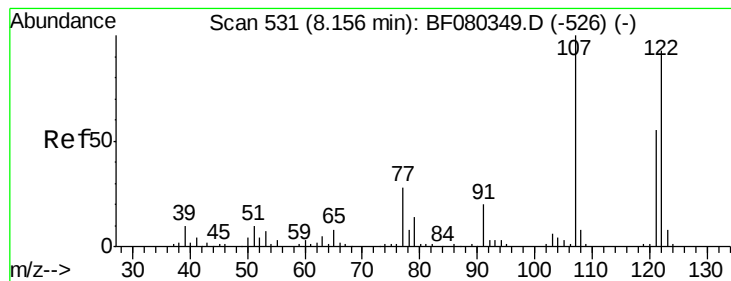
Ion Ratio Lower Upper

139 100

109 23.5 18.4 27.6

65 35.5 26.7 40.1

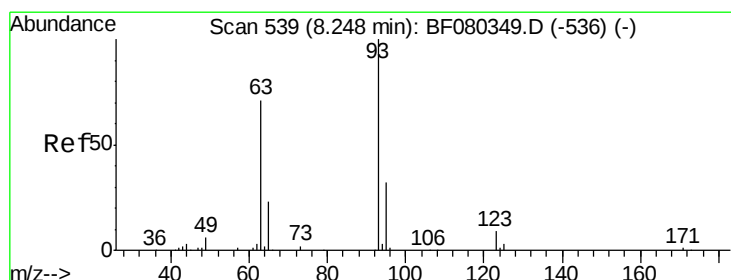
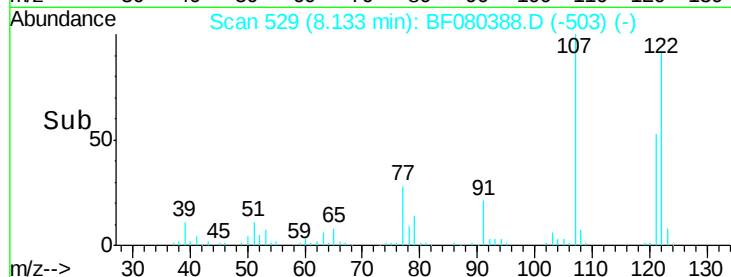
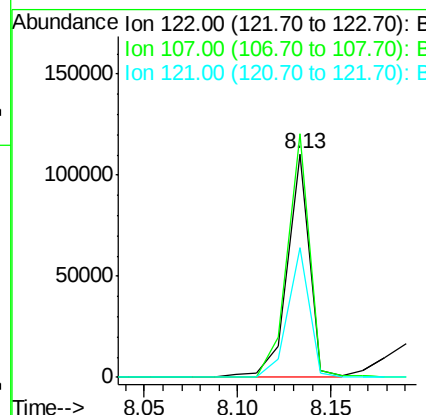
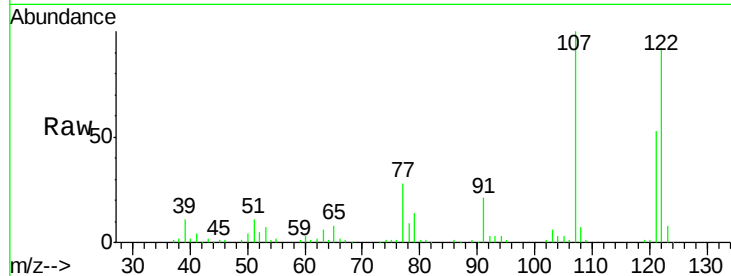




#27
 2,4-Dimethylphenol
 Concen: 44.02 ng
 RT: 8.13 min Scan# 529
 Delta R.T. 0.00 min
 Lab File: BF080388.D
 Acq: 8 Jul 2015 15:23

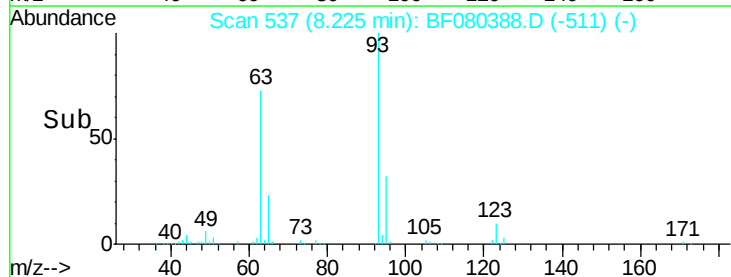
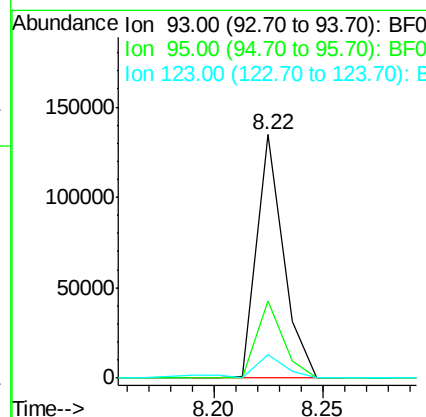
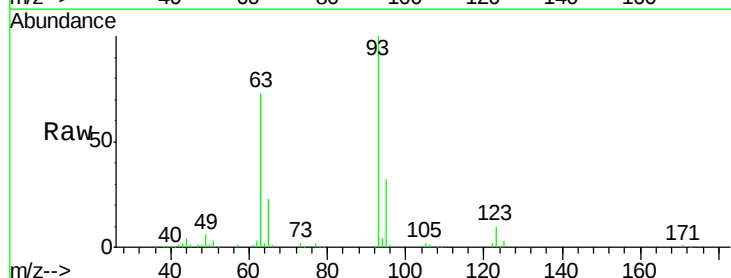
Instrument :
 BNA_F
 ClientSampleId :
 PB84381BS

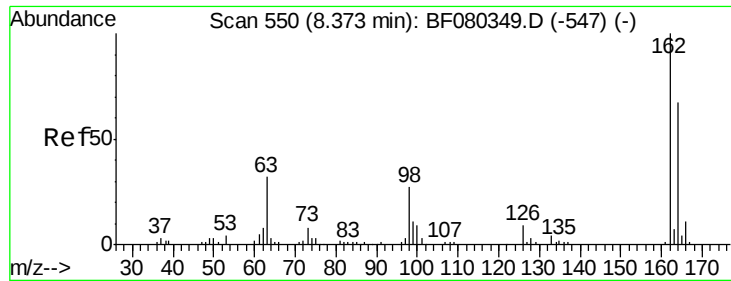
Tgt Ion: 122 Resp: 91746
 Ion Ratio Lower Upper
 122 100
 107 109.0 85.8 128.6
 121 58.2 46.9 70.3



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.32 ng
 RT: 8.22 min Scan# 537
 Delta R.T. 0.00 min
 Lab File: BF080388.D
 Acq: 8 Jul 2015 15:23

Tgt Ion: 93 Resp: 114532
 Ion Ratio Lower Upper
 93 100
 95 31.9 25.3 37.9
 123 9.6 7.8 11.6

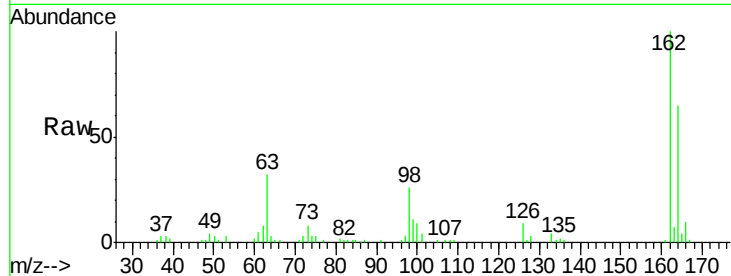




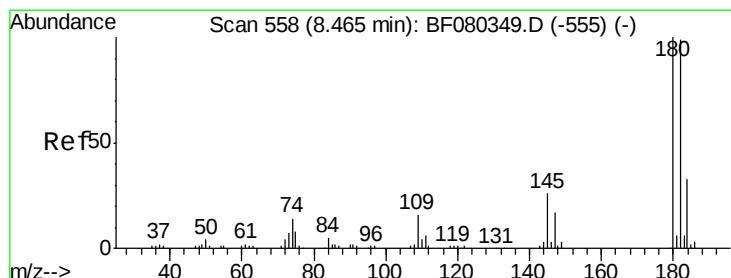
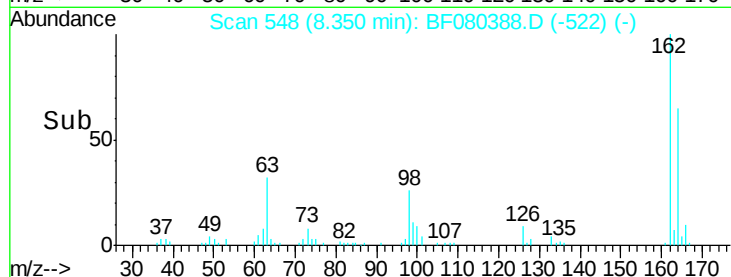
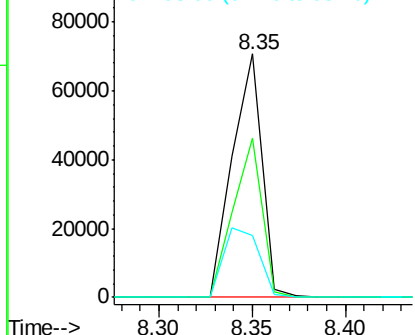
#29
 2,4-Dichlorophenol
 Concen: 42.59 ng
 RT: 8.35 min Scan# 548
 Delta R.T. 0.00 min
 Lab File: BF080388.D
 Acq: 8 Jul 2015 15:23

Instrument :
 BNA_F
 ClientSampleId :
 PB84381BS

Tgt Ion:162 Resp: 78806
 Ion Ratio Lower Upper
 162 100
 164 65.2 47.0 87.0
 98 25.5 6.6 46.6

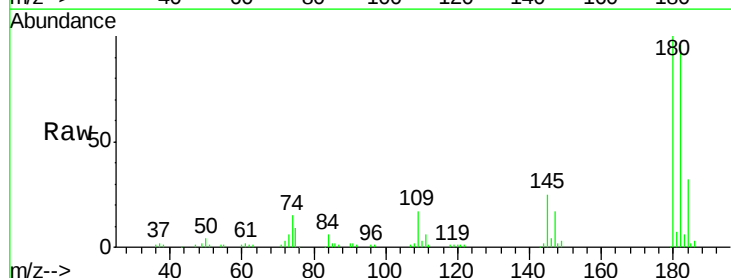


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

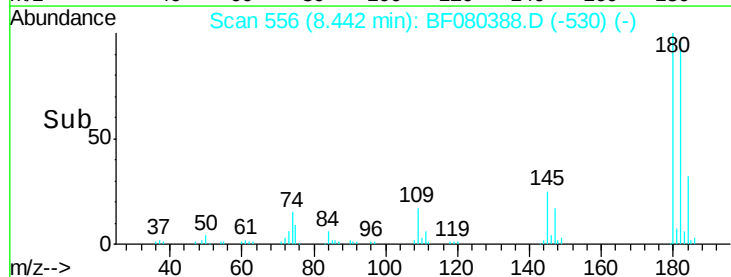
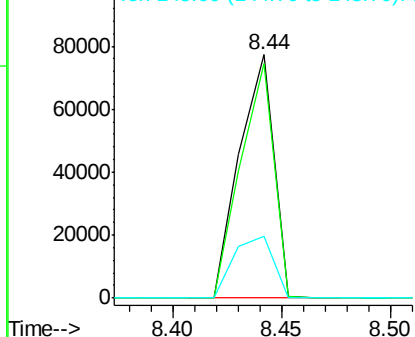


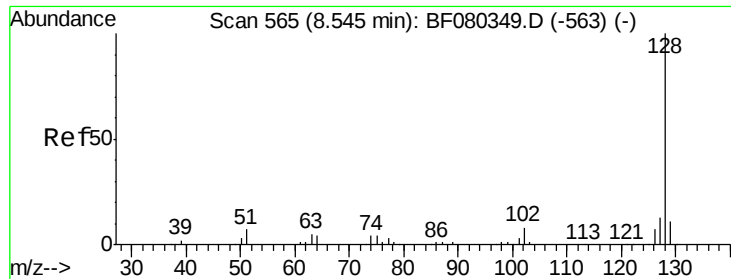
#30
 1,2,4-Trichlorobenzene
 Concen: 38.60 ng
 RT: 8.44 min Scan# 556
 Delta R.T. 0.00 min
 Lab File: BF080388.D
 Acq: 8 Jul 2015 15:23

Tgt Ion:180 Resp: 84880
 Ion Ratio Lower Upper
 180 100
 182 96.2 79.0 118.4
 145 25.3 20.5 30.7



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

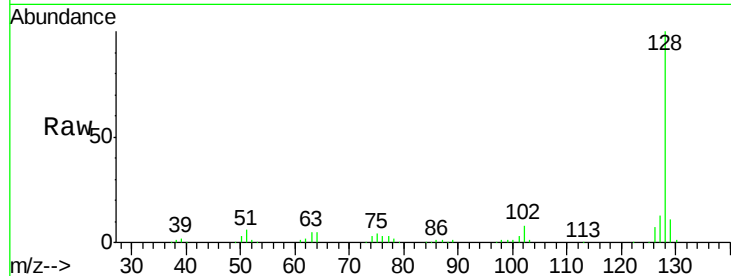




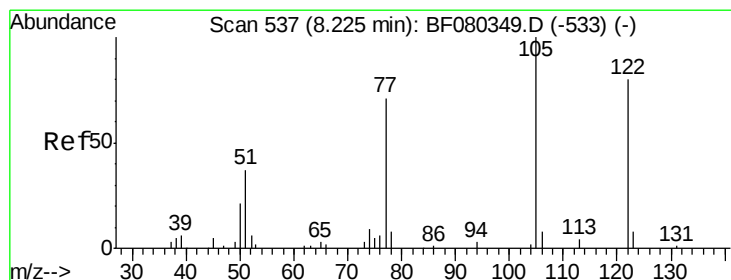
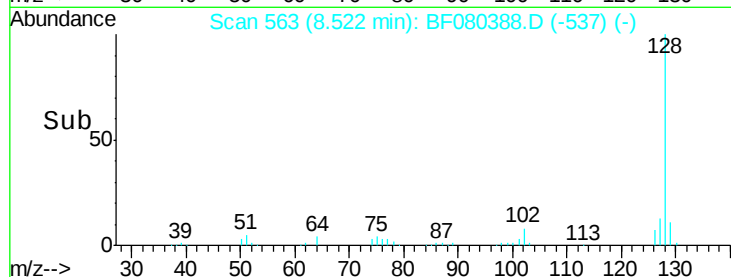
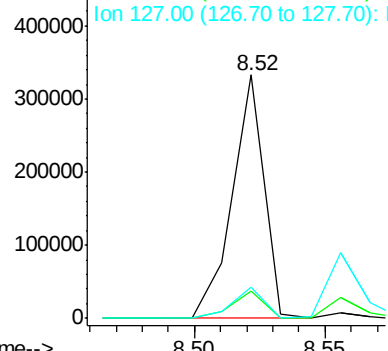
#31
Naphthalene
Concen: 39.10 ng
RT: 8.52 min Scan# 563
Delta R.T. 0.00 min
Lab File: BF080388.D
Acq: 8 Jul 2015 15:23

Instrument :
BNA_F
ClientSampled :
PB84381BS

Tgt Ion:128 Resp: 285024
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.0 10.4 15.6

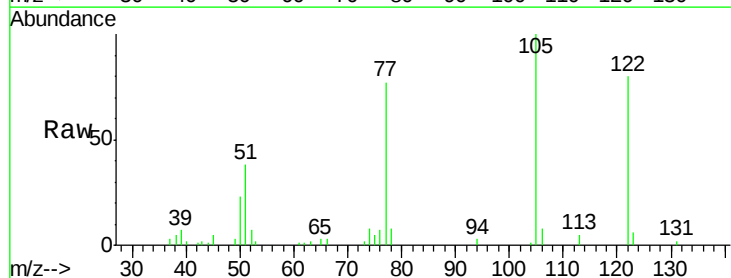


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

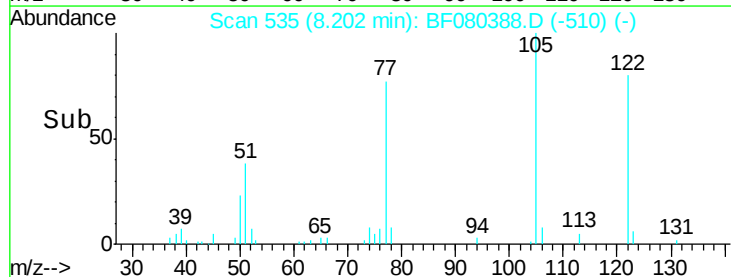
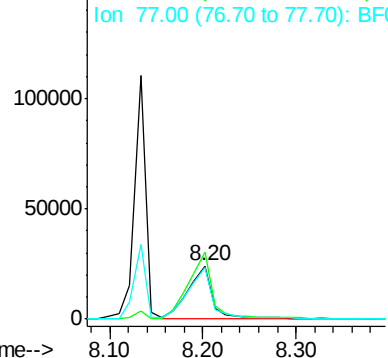


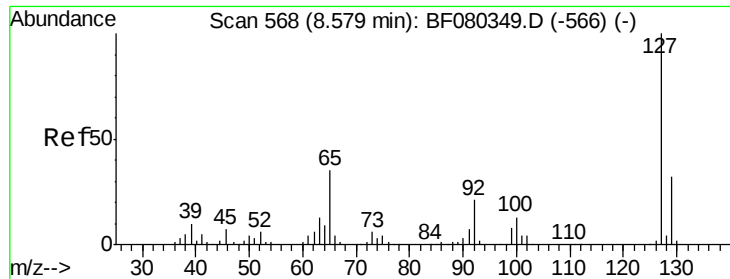
#32
Benzoic acid
Concen: 42.67 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF080388.D
Acq: 8 Jul 2015 15:23

Tgt Ion:122 Resp: 45826
Ion Ratio Lower Upper
122 100
105 125.0 102.2 142.2
77 96.0 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

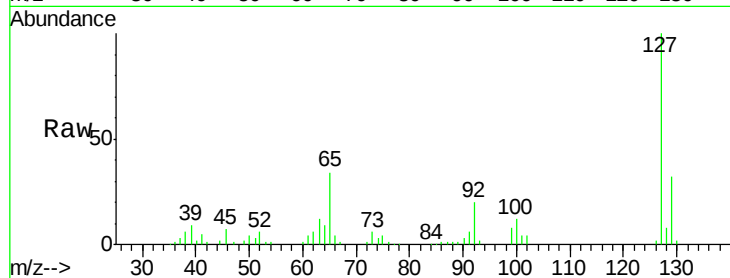




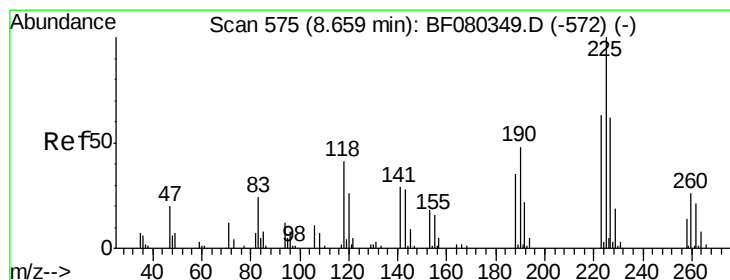
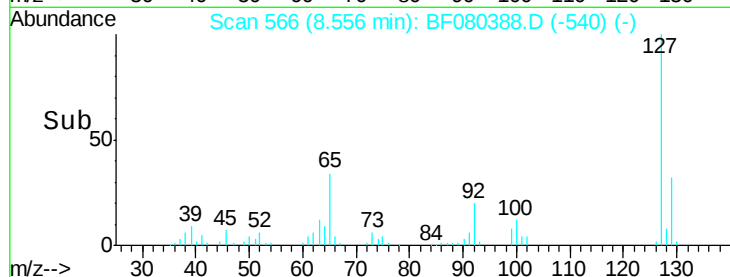
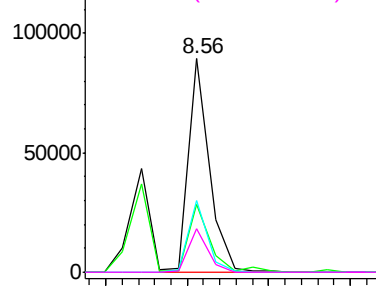
#33
4-Chloroaniline
Concen: 27.23 ng
RT: 8.56 min Scan# 566
Delta R.T. 0.00 min
Lab File: BF080388.D
Acq: 8 Jul 2015 15:23

Instrument :
BNA_F
ClientSampleId :
PB84381BS

Tgt Ion:	127	Resp:	79140
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.2	39.2
65	33.5	28.1	42.1
92	20.2	16.6	24.8

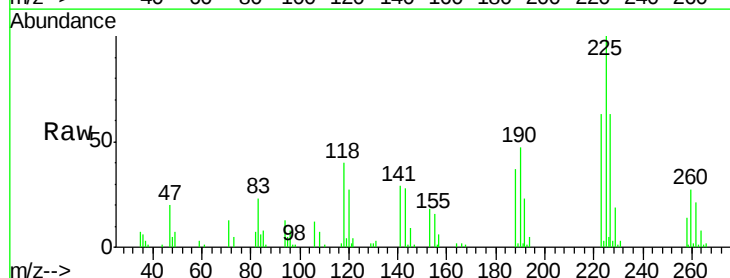


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

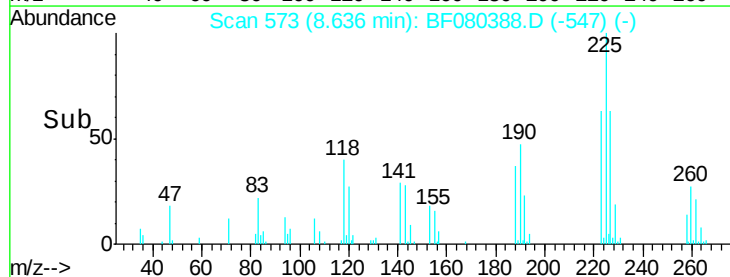
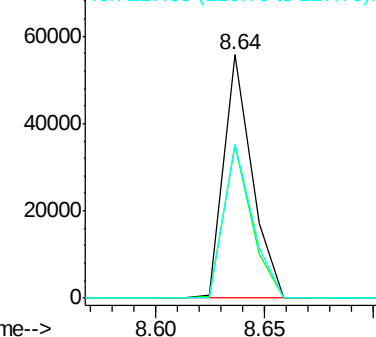


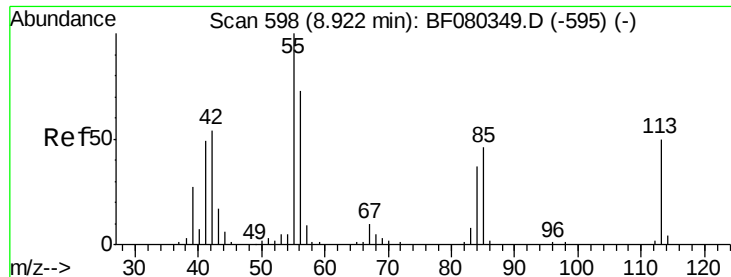
#34
Hexachlorobutadiene
Concen: 37.70 ng
RT: 8.64 min Scan# 573
Delta R.T. 0.00 min
Lab File: BF080388.D
Acq: 8 Jul 2015 15:23

Tgt Ion:	225	Resp:	50443
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.3	75.5
227	63.4	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: 41.98 ng

RT: 8.90 min Scan# 596

Delta R.T. 0.00 min

Lab File: BF080388.D

Acq: 8 Jul 2015 15:23

Instrument :

BNA_F

ClientSampleId :

PB84381BS

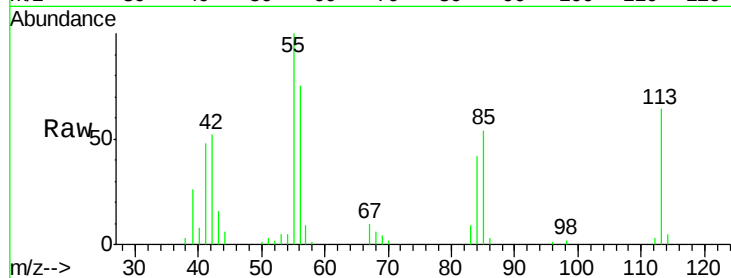
Tgt Ion:113 Resp: 23989

Ion Ratio Lower Upper

113 100

55 157.4 181.4 221.4#

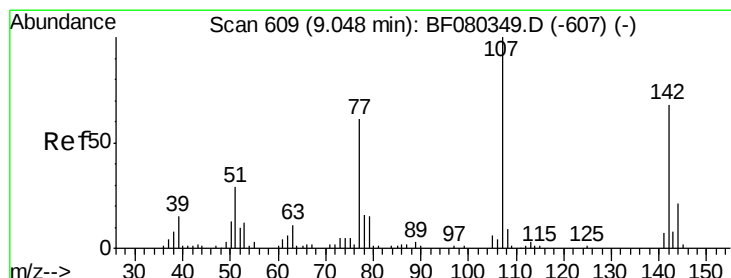
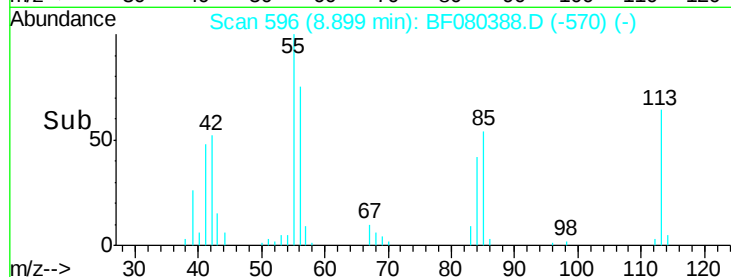
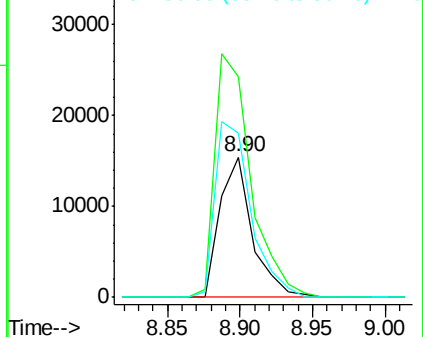
56 117.8 127.3 167.3#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 40.18 ng

RT: 9.02 min Scan# 607

Delta R.T. -0.01 min

Lab File: BF080388.D

Acq: 8 Jul 2015 15:23

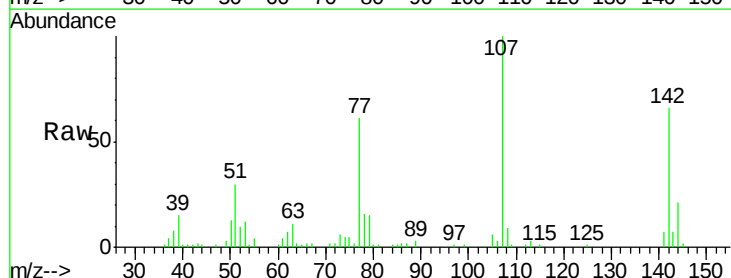
Tgt Ion:107 Resp: 76707

Ion Ratio Lower Upper

107 100

144 20.7 16.7 25.1

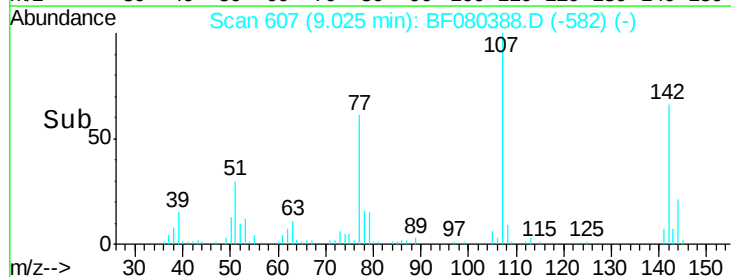
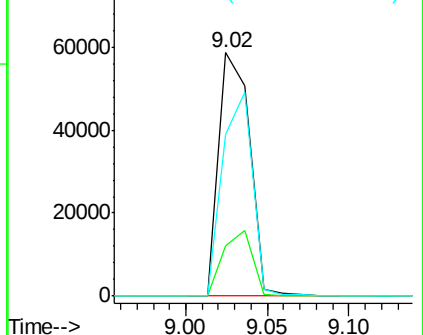
142 66.3 54.4 81.6

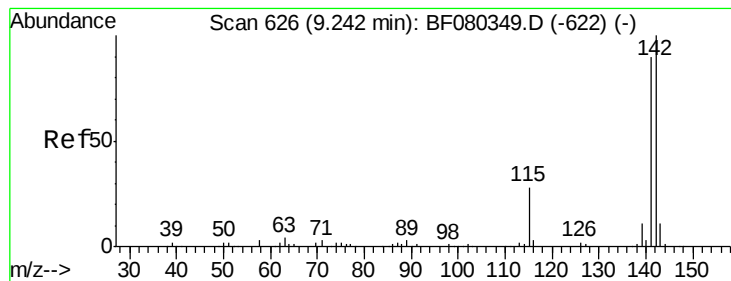


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.26 ng

RT: 9.21 min Scan# 623

Delta R.T. -0.01 min

Lab File: BF080388.D

Acq: 8 Jul 2015 15:23

Instrument :

BNA_F

ClientSampleId :

PB84381BS

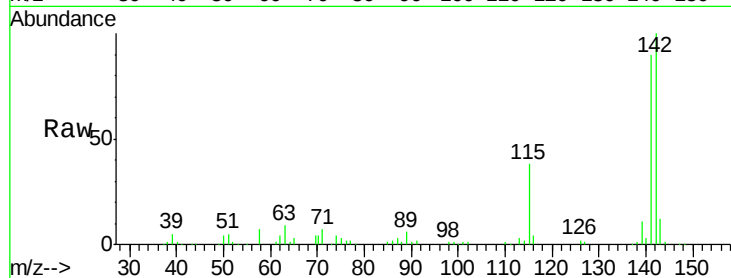
Tgt Ion:142 Resp: 182475

Ion Ratio Lower Upper

142 100

141 89.8 71.8 107.8

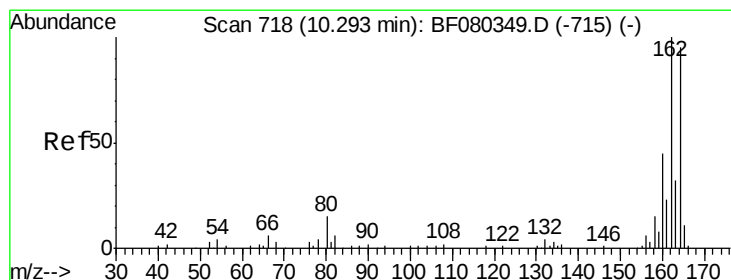
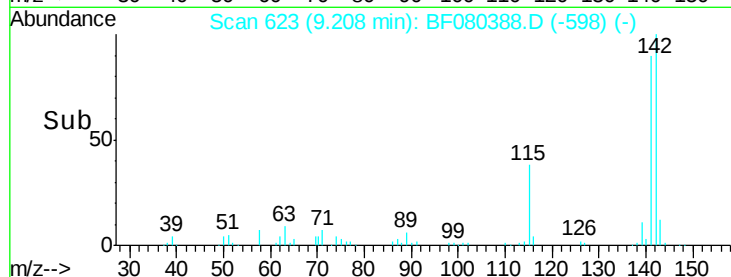
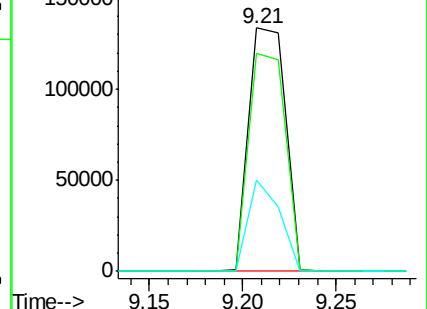
115 37.5 22.6 34.0#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.27 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF080388.D

Acq: 8 Jul 2015 15:23

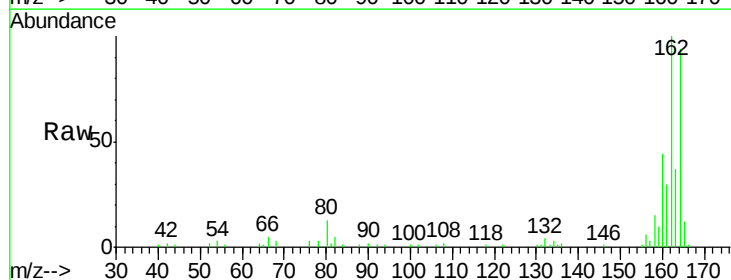
Tgt Ion:164 Resp: 71152

Ion Ratio Lower Upper

164 100

162 106.9 84.5 126.7

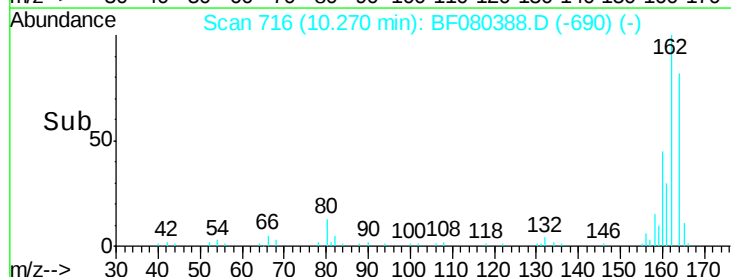
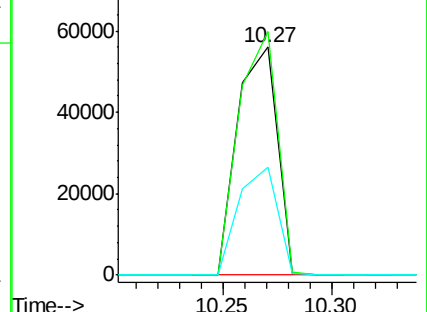
160 47.4 37.7 56.5

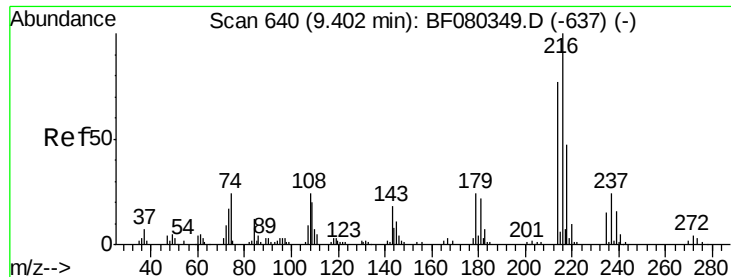


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.64 ng

RT: 9.38 min Scan# 638

Delta R.T. 0.00 min

Lab File: BF080388.D

Acq: 8 Jul 2015 15:23

Instrument :

BNA_F

ClientSampleId :

PB84381BS

Tgt Ion:216 Resp: 84891

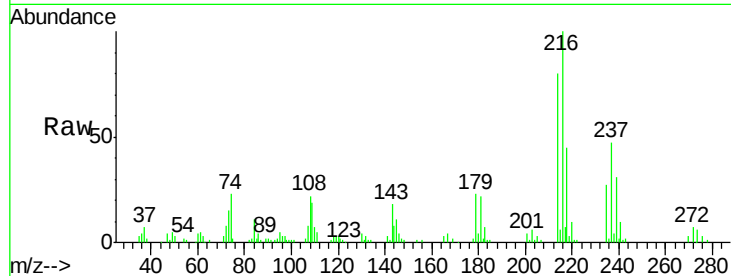
Ion Ratio Lower Upper

216 100

214 78.1 61.2 91.8

179 21.1 16.9 25.3

108 20.6 16.2 24.4

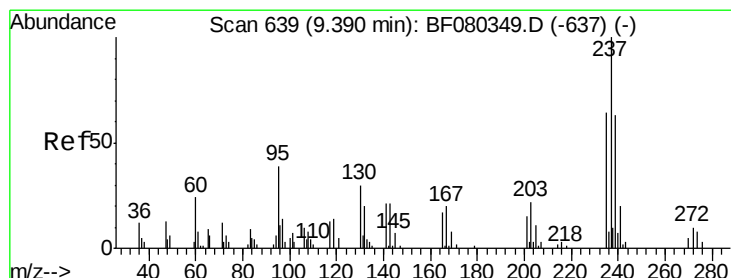
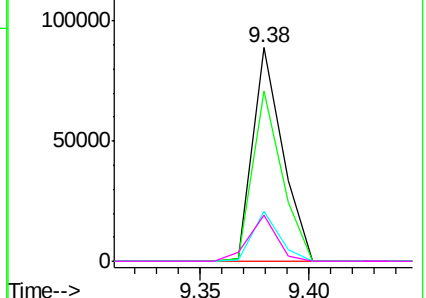
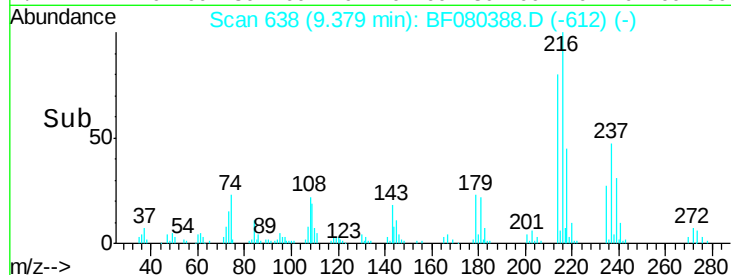


Abundance Ion 216.00 (215.70 to 216.70): E

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: 76.58 ng

RT: 9.37 min Scan# 637

Delta R.T. -0.01 min

Lab File: BF080388.D

Acq: 8 Jul 2015 15:23

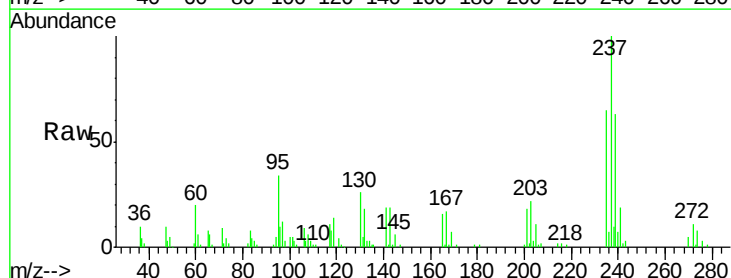
Tgt Ion:237 Resp: 71482

Ion Ratio Lower Upper

237 100

235 65.3 44.2 84.2

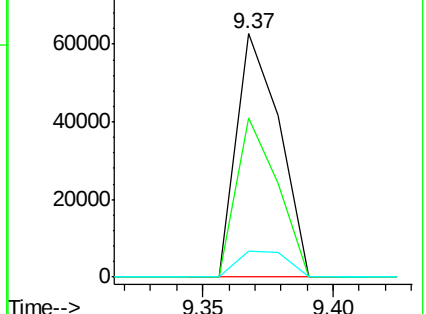
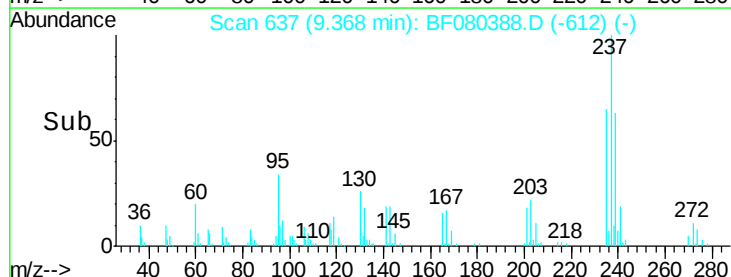
272 10.7 0.0 29.7

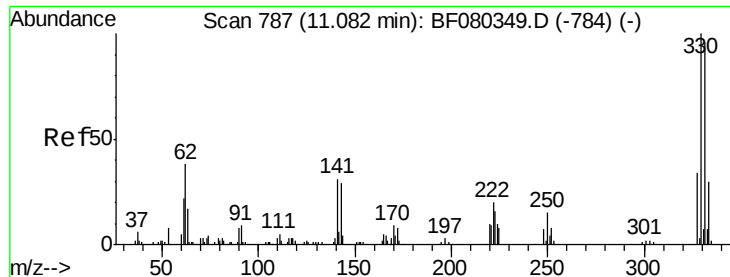


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

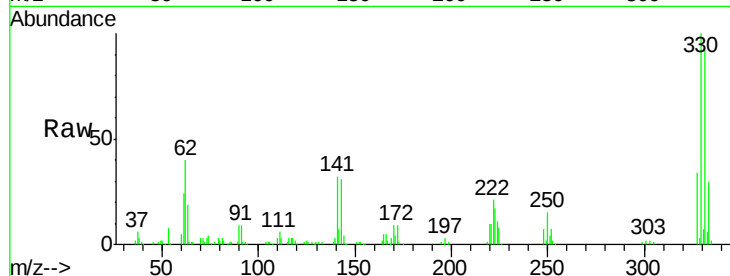




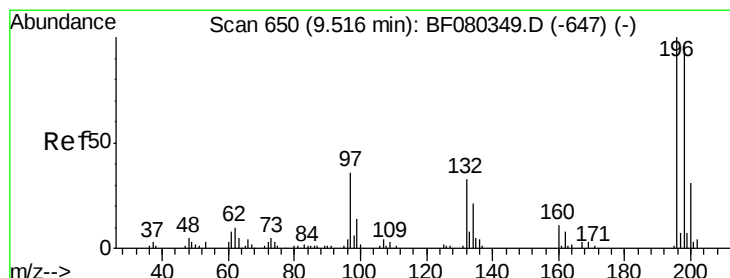
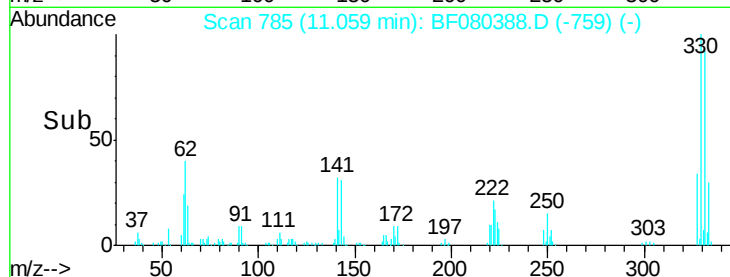
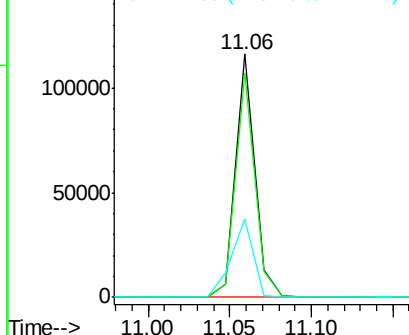
#41
 2,4,6-Tribromophenol
 Concen: 125.71 ng
 RT: 11.06 min Scan# 785
 Delta R.T. 0.00 min
 Lab File: BF080388.D
 Acq: 8 Jul 2015 15:23

Instrument :
 BNA_F
 ClientSampleId :
 PB84381BS

Tgt Ion:330 Resp: 93592
 Ion Ratio Lower Upper
 330 100
 332 93.1 77.0 115.4
 141 36.6 29.6 44.4

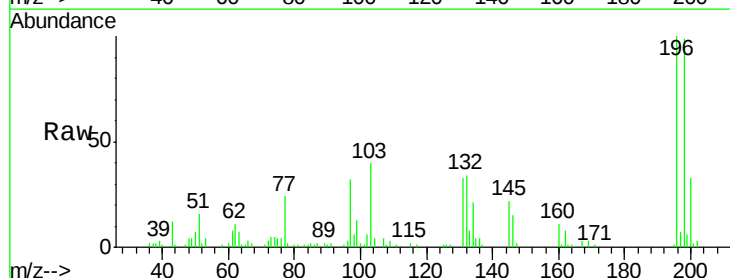


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

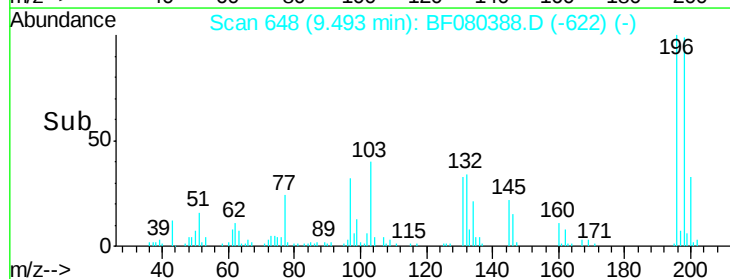
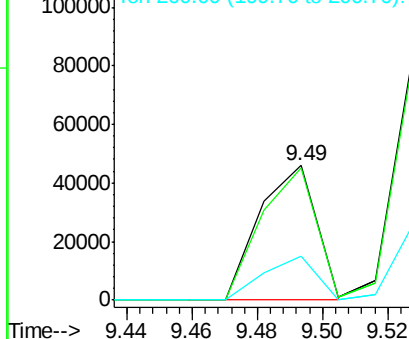


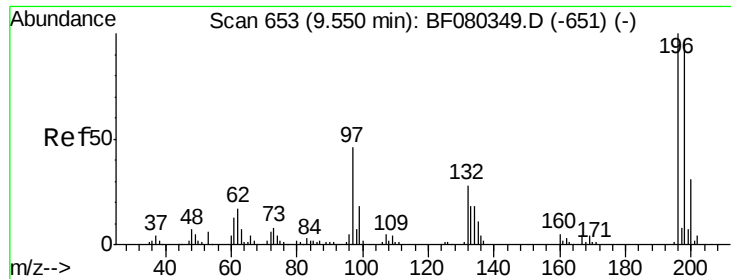
#42
 2,4,6-Trichlorophenol
 Concen: 37.29 ng
 RT: 9.49 min Scan# 648
 Delta R.T. 0.00 min
 Lab File: BF080388.D
 Acq: 8 Jul 2015 15:23

Tgt Ion:196 Resp: 55391
 Ion Ratio Lower Upper
 196 100
 198 98.7 76.4 114.6
 200 32.6 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

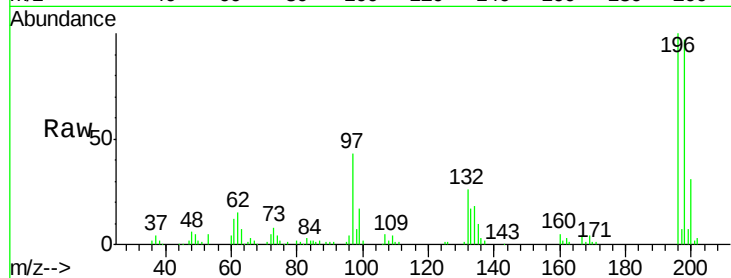




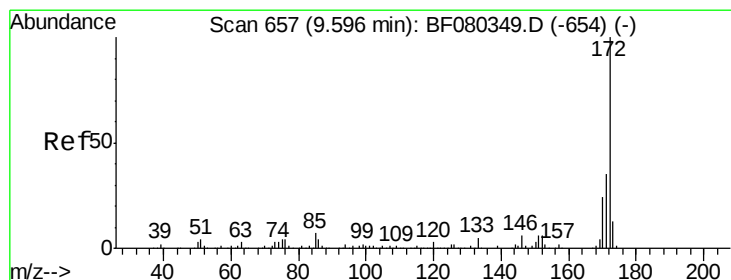
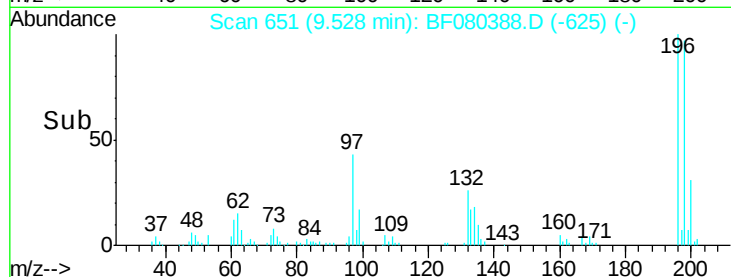
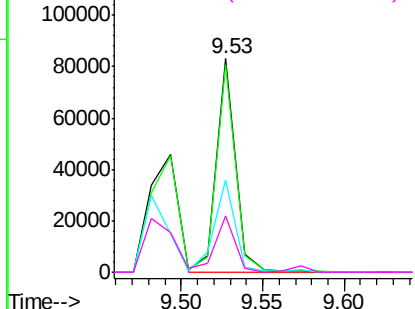
#43
 2,4,5-Trichlorophenol
 Concen: 39.00 ng
 RT: 9.53 min Scan# 651
 Delta R.T. 0.00 min
 Lab File: BF080388.D
 Acq: 8 Jul 2015 15:23

Instrument :
 BNA_F
 ClientSampleId :
 PB84381BS

Tgt Ion:196 Resp: 67535
 Ion Ratio Lower Upper
 196 100
 198 97.3 77.2 115.8
 97 43.2 37.0 55.6
 132 26.4 22.2 33.2

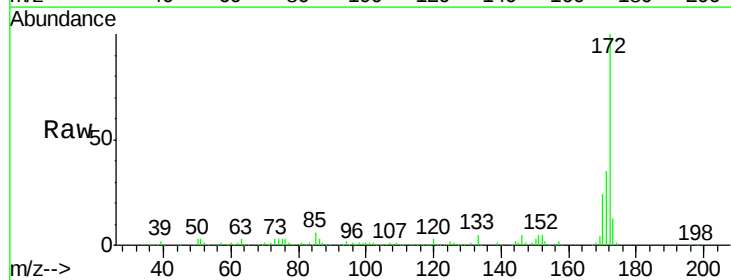


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

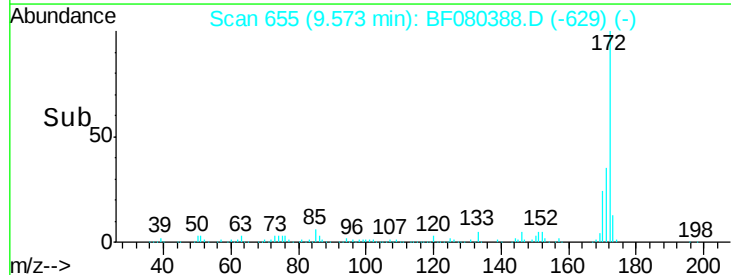
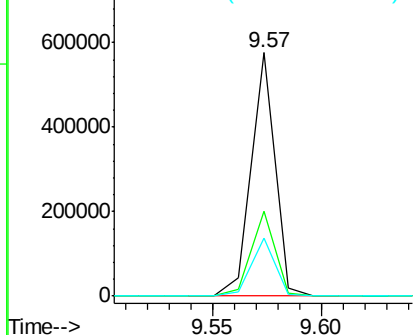


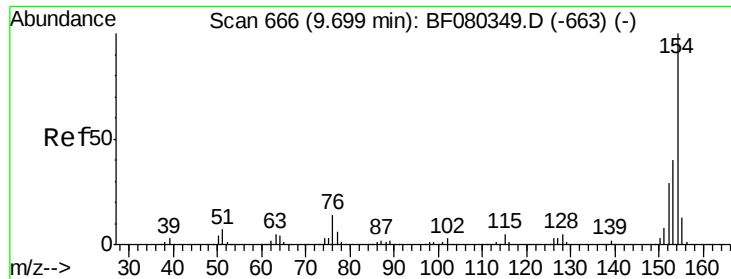
#44
 2-Fluorobiphenyl
 Concen: 83.11 ng
 RT: 9.57 min Scan# 655
 Delta R.T. 0.00 min
 Lab File: BF080388.D
 Acq: 8 Jul 2015 15:23

Tgt Ion:172 Resp: 438163
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.3 42.5
 170 23.7 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

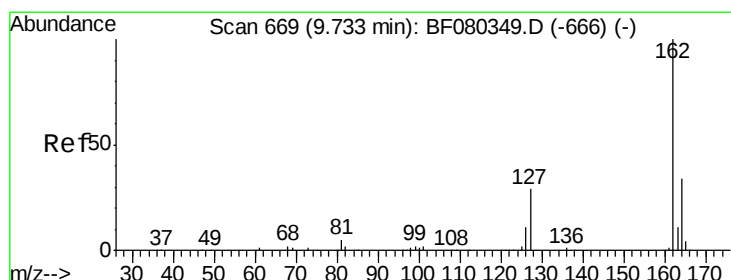
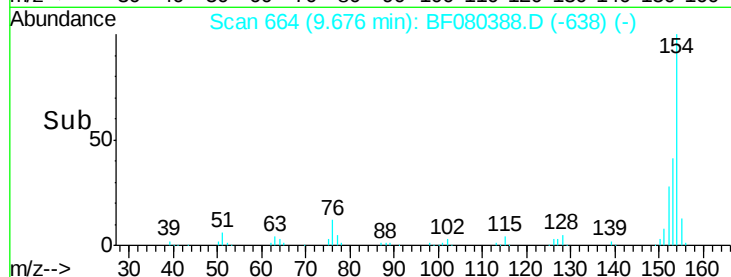
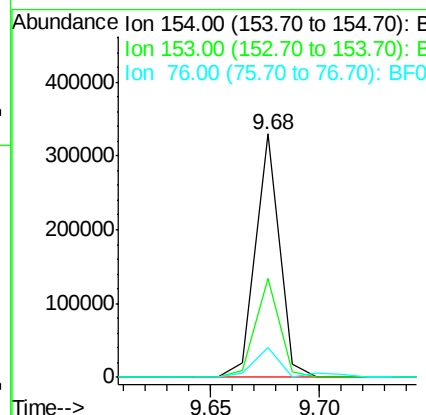
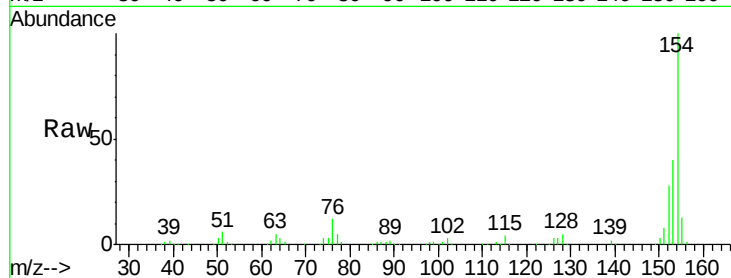




#45
 1,1'-Biphenyl
 Concen: 39.95 ng
 RT: 9.68 min Scan# 664
 Delta R.T. 0.00 min
 Lab File: BF080388.D
 Acq: 8 Jul 2015 15:23

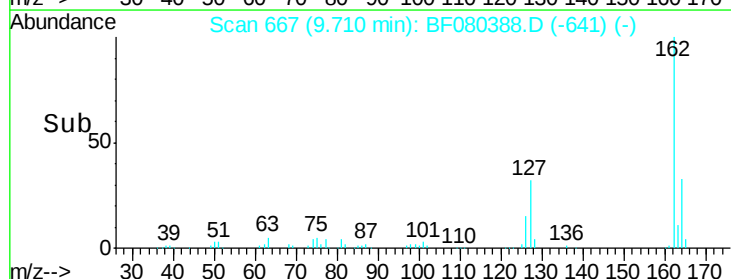
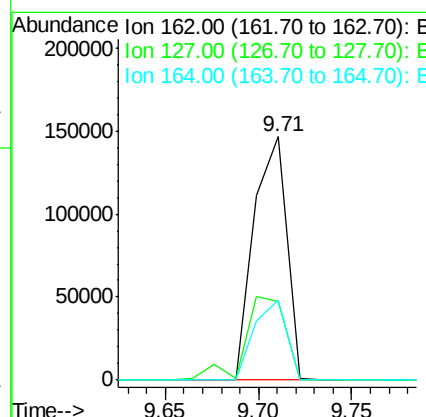
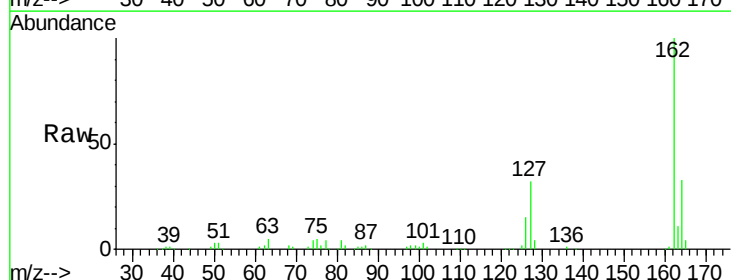
Instrument :
 BNA_F
 ClientSampleId :
 PB84381BS

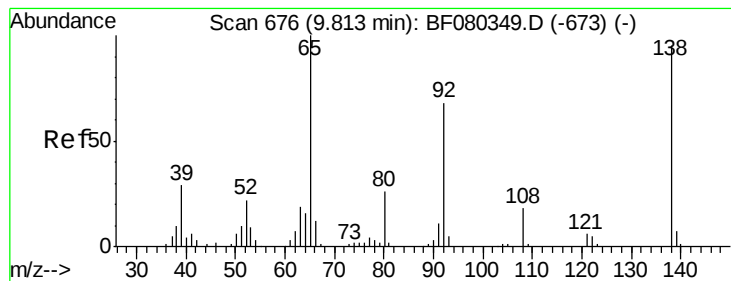
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.5	19.8	59.8
76	12.5	0.0	33.6



#46
 2-Chloronaphthalene
 Concen: 36.90 ng
 RT: 9.71 min Scan# 667
 Delta R.T. 0.00 min
 Lab File: BF080388.D
 Acq: 8 Jul 2015 15:23

Tgt Ion	Ratio	Lower	Upper
162	100		
127	32.3	27.3	40.9
164	32.9	27.2	40.8





#47

2-Nitroaniline

Concen: 43.18 ng

RT: 9.79 min Scan# 674

Delta R.T. 0.00 min

Lab File: BF080388.D

Acq: 8 Jul 2015 15:23

Instrument :

BNA_F

ClientSampleId :

PB84381BS

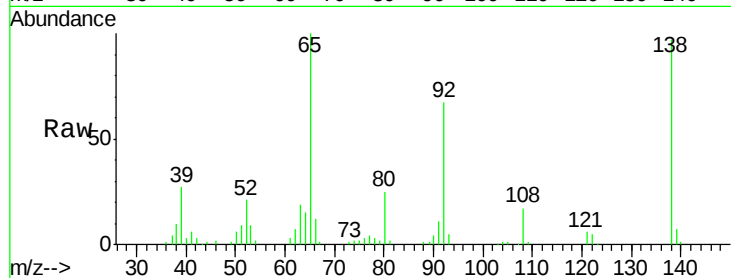
Tgt Ion: 65 Resp: 58186

Ion Ratio Lower Upper

65 100

92 66.7 54.2 81.2

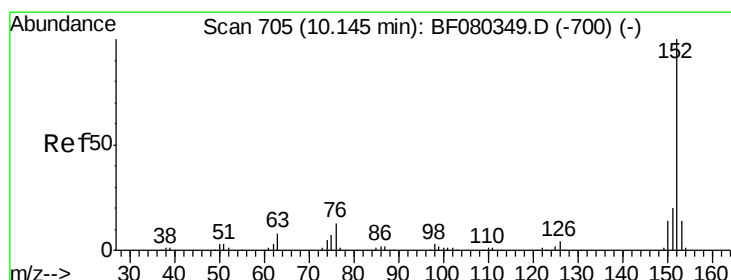
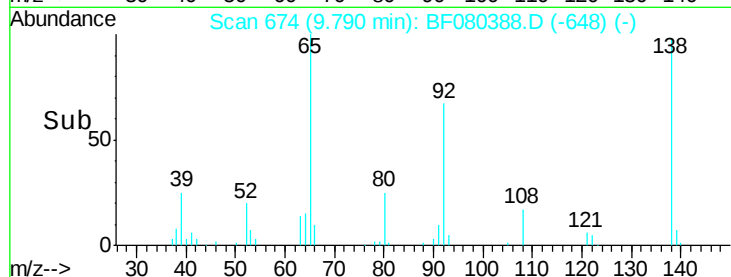
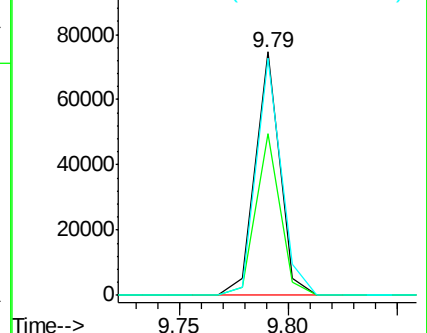
138 97.3 76.1 114.1



Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 38.01 ng

RT: 10.12 min Scan# 703

Delta R.T. 0.00 min

Lab File: BF080388.D

Acq: 8 Jul 2015 15:23

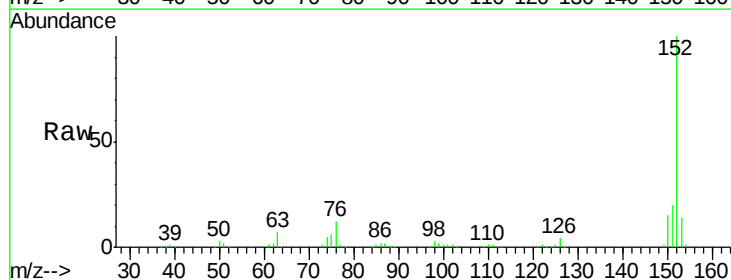
Tgt Ion: 152 Resp: 304683

Ion Ratio Lower Upper

152 100

151 20.3 16.3 24.5

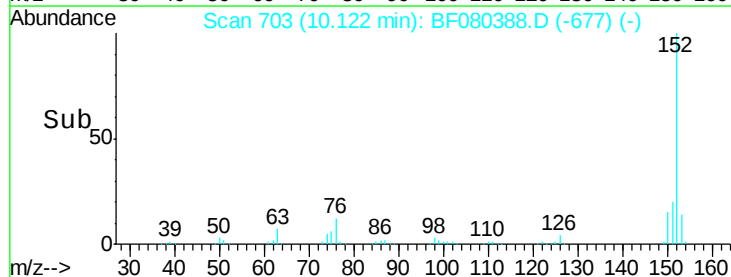
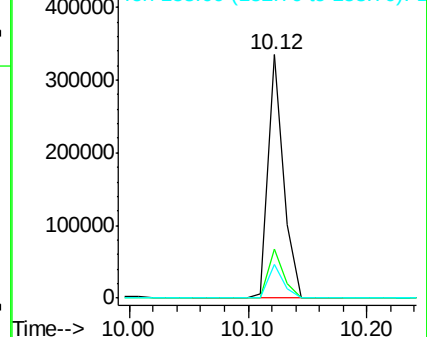
153 13.6 11.0 16.4

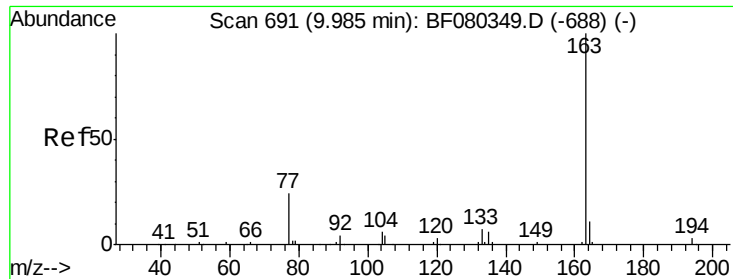


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

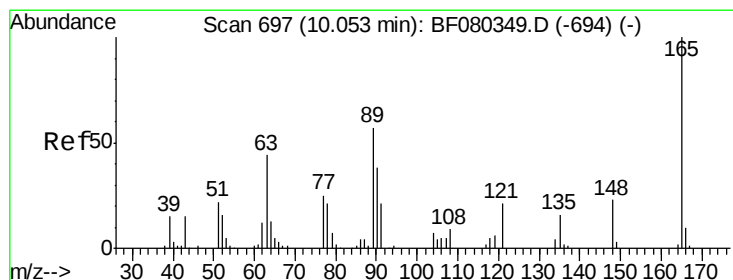
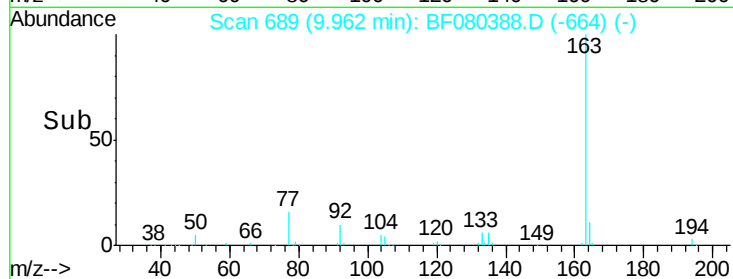
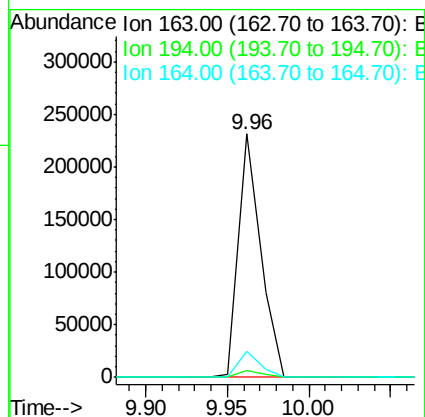
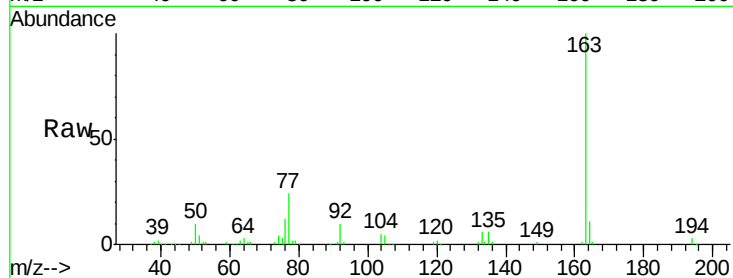




#49
Dimethylphthalate
Concen: 37.99 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.01 min
Lab File: BF080388.D
Acq: 8 Jul 2015 15:23

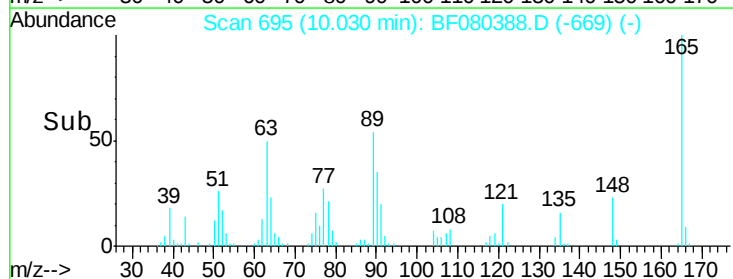
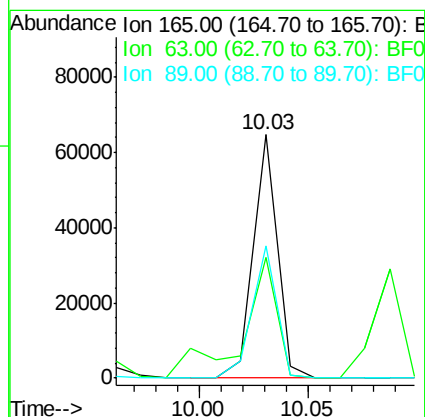
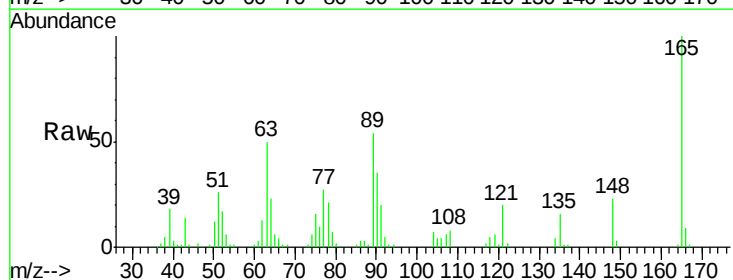
Instrument :
BNA_F
ClientSampleId :
PB84381BS

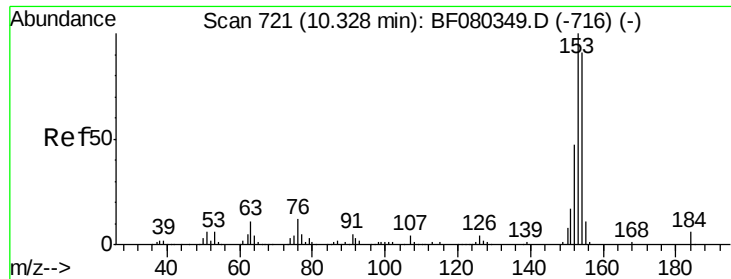
Tgt Ion:163 Resp: 217040
Ion Ratio Lower Upper
163 100
194 3.0 2.6 3.8
164 10.6 8.5 12.7



#50
2,6-Dinitrotoluene
Concen: 41.55 ng
RT: 10.03 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF080388.D
Acq: 8 Jul 2015 15:23

Tgt Ion:165 Resp: 49629
Ion Ratio Lower Upper
165 100
63 49.8 44.8 67.2
89 54.4 45.9 68.9





#51

Acenaphthene

Concen: 40.32 ng

RT: 10.29 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF080388.D

Acq: 8 Jul 2015 15:23

Instrument :

BNA_F

ClientSampleId :

PB84381BS

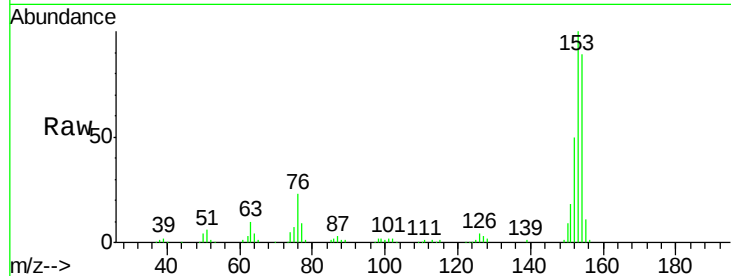
Tgt Ion:154 Resp: 193436

Ion Ratio Lower Upper

154 100

153 112.7 88.1 132.1

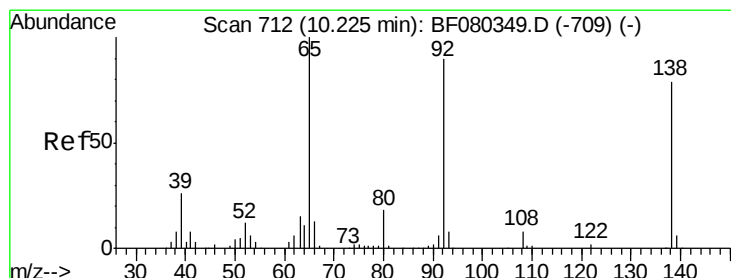
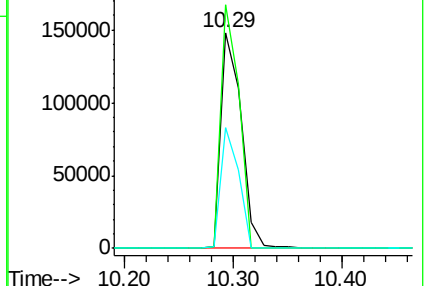
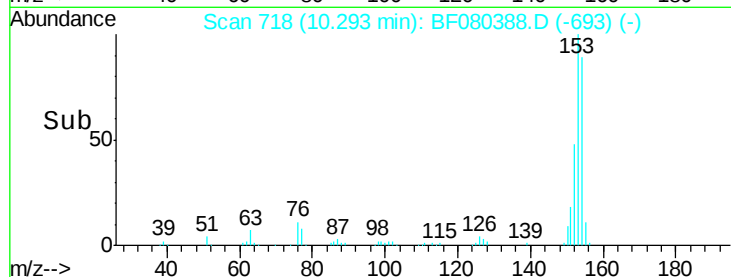
152 55.8 41.8 62.6



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: 29.80 ng

RT: 10.20 min Scan# 710

Delta R.T. 0.00 min

Lab File: BF080388.D

Acq: 8 Jul 2015 15:23

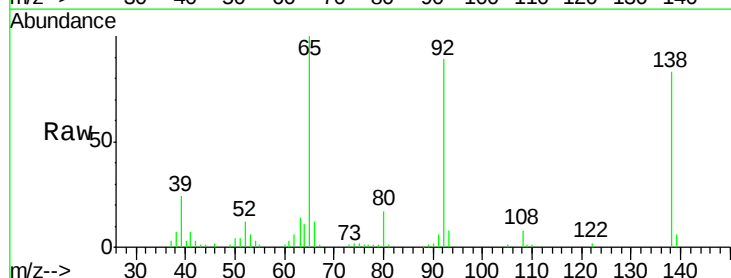
Tgt Ion:138 Resp: 40110

Ion Ratio Lower Upper

138 100

108 9.5 7.8 11.8

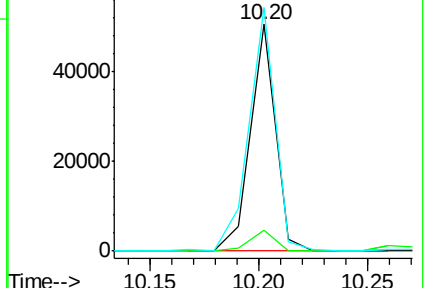
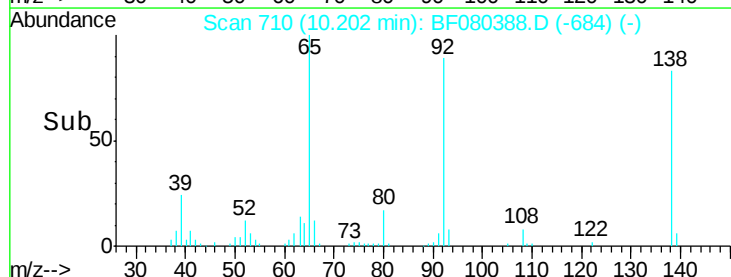
92 107.4 91.0 136.6

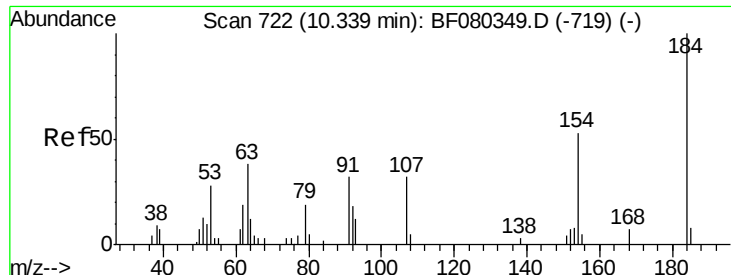


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

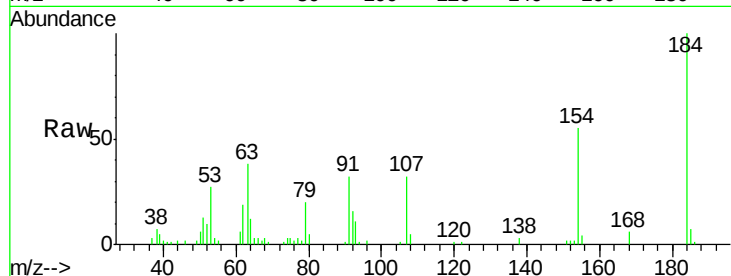




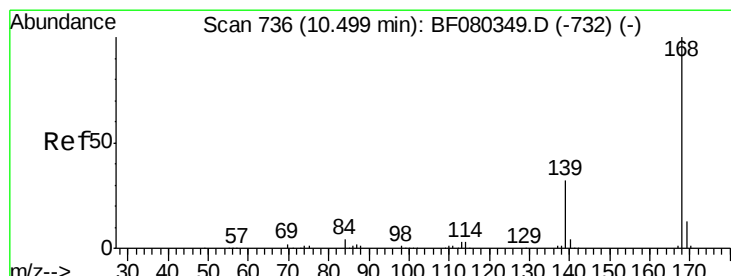
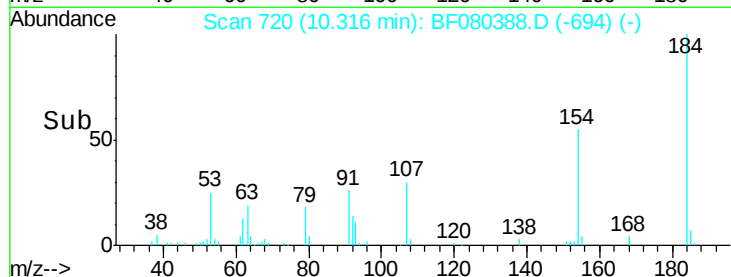
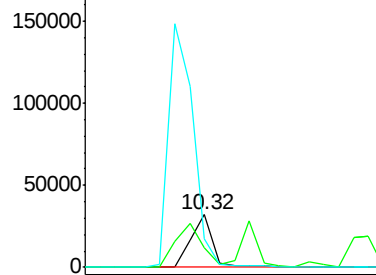
#53
 2,4-Dinitrophenol
 Concen: 73.13 ng
 RT: 10.32 min Scan# 720
 Delta R.T. 0.00 min
 Lab File: BF080388.D
 Acq: 8 Jul 2015 15:23

Instrument :
 BNA_F
 ClientSampleId :
 PB84381BS

Tgt Ion:184 Resp: 37625
 Ion Ratio Lower Upper
 184 100
 63 37.8 30.6 46.0
 154 55.0 45.3 67.9

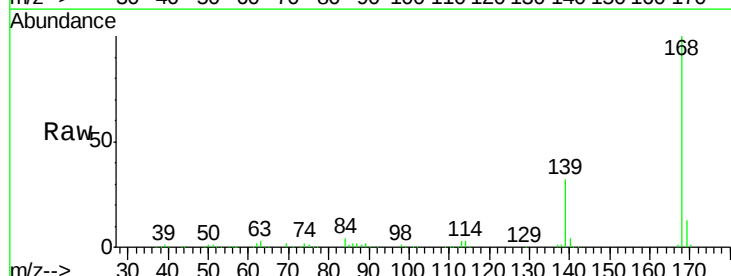


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

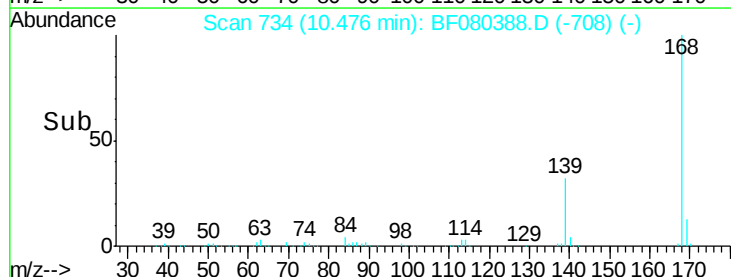
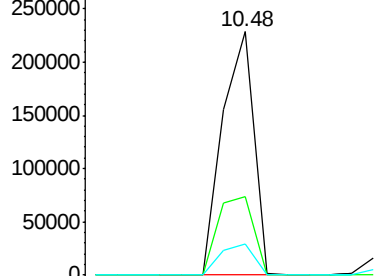


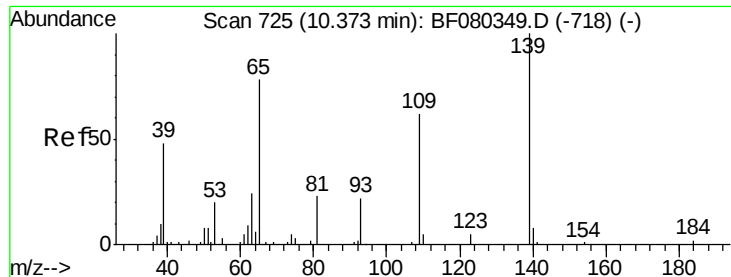
#54
 Dibenzofuran
 Concen: 38.93 ng
 RT: 10.48 min Scan# 734
 Delta R.T. 0.00 min
 Lab File: BF080388.D
 Acq: 8 Jul 2015 15:23

Tgt Ion:168 Resp: 265596
 Ion Ratio Lower Upper
 168 100
 139 32.4 25.9 38.9
 169 12.6 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

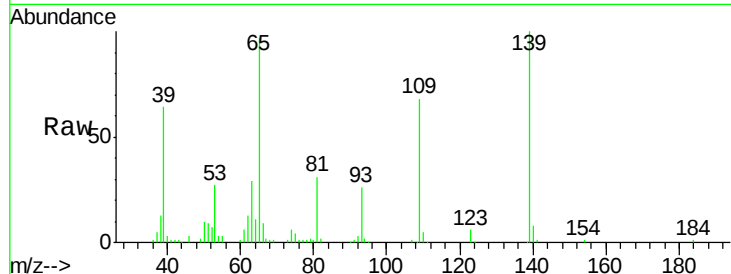




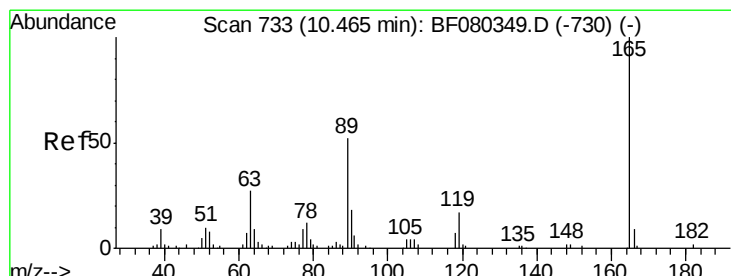
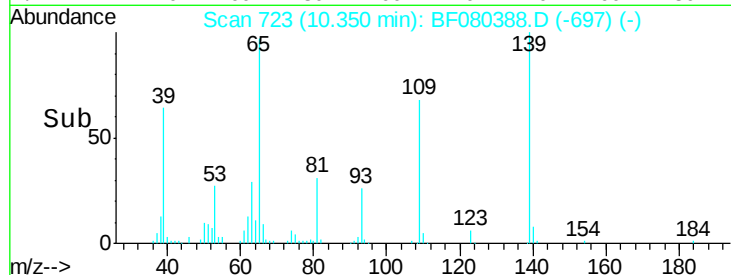
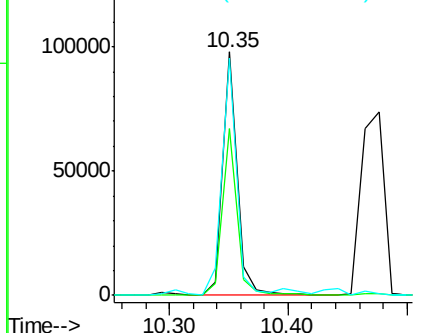
#55
4-Nitrophenol
Concen: 83.67 ng
RT: 10.35 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF080388.D
Acq: 8 Jul 2015 15:23

Instrument :
BNA_F
ClientSampleId :
PB84381BS

Tgt Ion:139 Resp: 82532
Ion Ratio Lower Upper
139 100
109 68.5 42.3 82.3
65 97.3 58.5 98.5

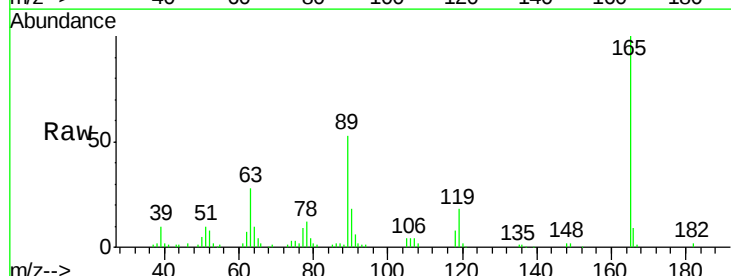


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

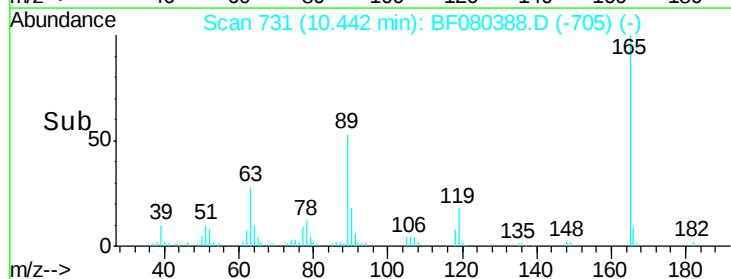
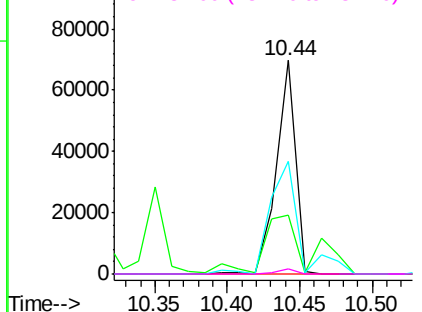


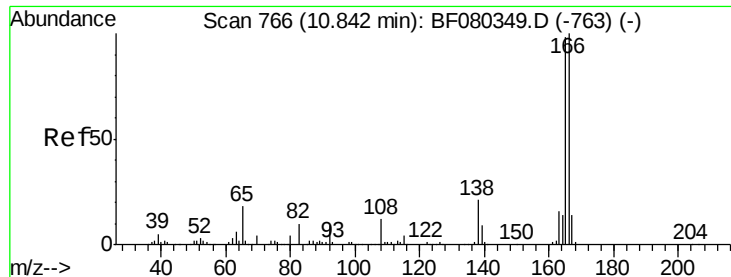
#56
2,4-Dinitrotoluene
Concen: 41.32 ng
RT: 10.44 min Scan# 731
Delta R.T. 0.00 min
Lab File: BF080388.D
Acq: 8 Jul 2015 15:23

Tgt Ion:165 Resp: 63465
Ion Ratio Lower Upper
165 100
63 27.5 21.8 32.8
89 52.5 41.3 61.9
182 2.3 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

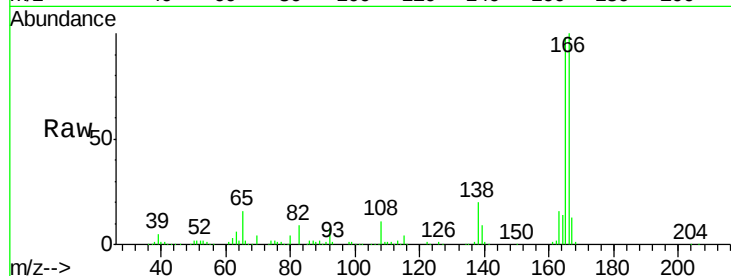




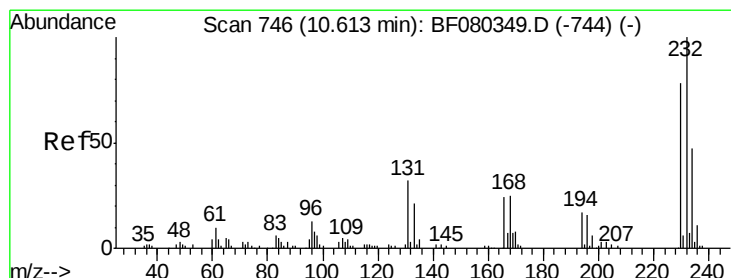
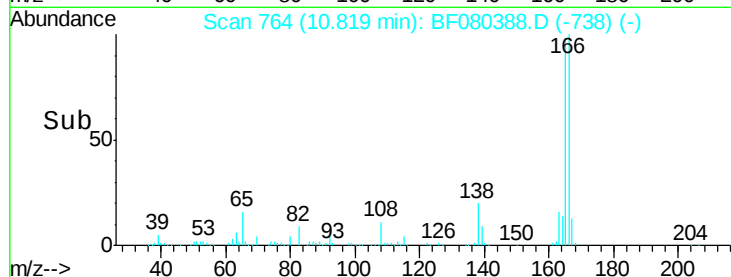
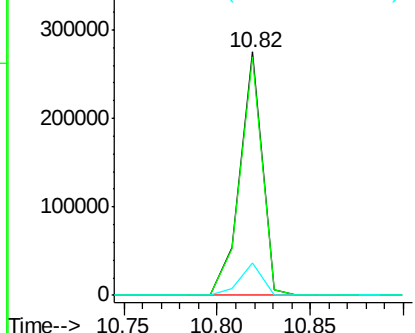
#57
 Fluorene
 Concen: 39.15 ng
 RT: 10.82 min Scan# 764
 Delta R.T. 0.00 min
 Lab File: BF080388.D
 Acq: 8 Jul 2015 15:23

Instrument :
 BNA_F
 ClientSampleId :
 PB84381BS

Tgt Ion:166 Resp: 230001
 Ion Ratio Lower Upper
 166 100
 165 97.8 78.6 117.8
 167 13.1 10.8 16.2

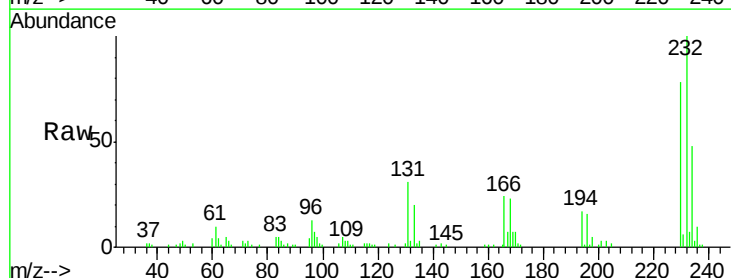


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

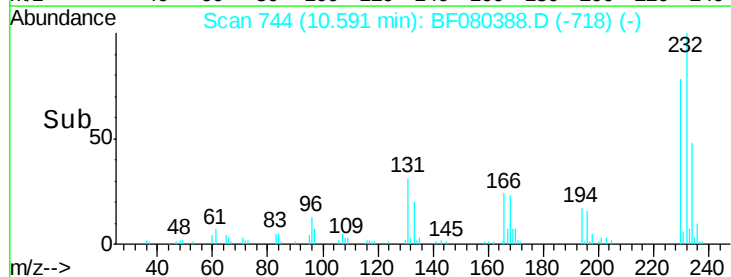
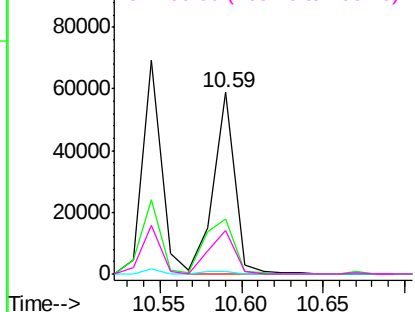


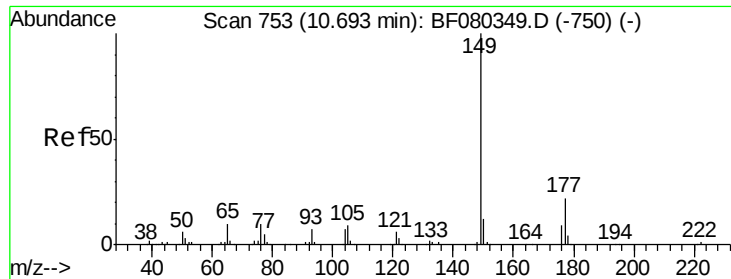
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.80 ng
 RT: 10.59 min Scan# 744
 Delta R.T. 0.00 min
 Lab File: BF080388.D
 Acq: 8 Jul 2015 15:23

Tgt Ion:232 Resp: 53815
 Ion Ratio Lower Upper
 232 100
 131 41.7 33.4 50.2
 130 2.1 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

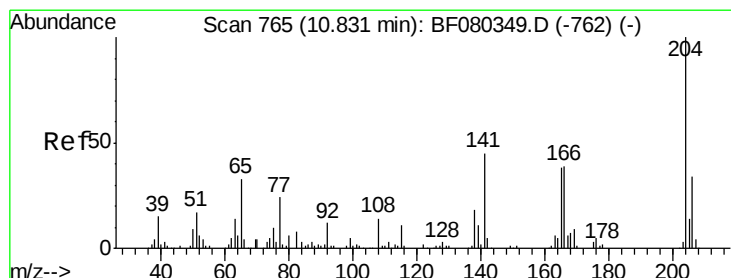
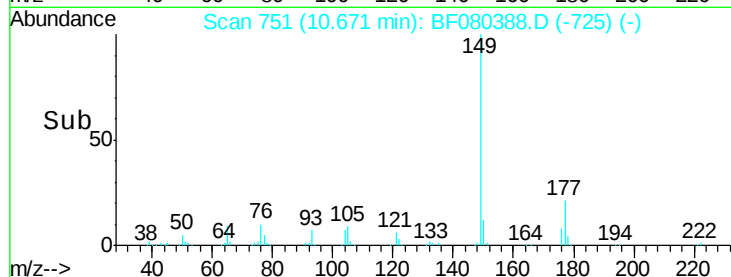
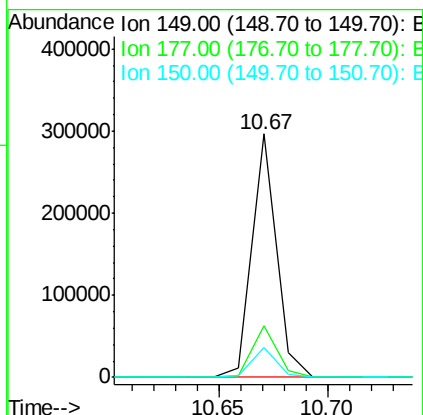
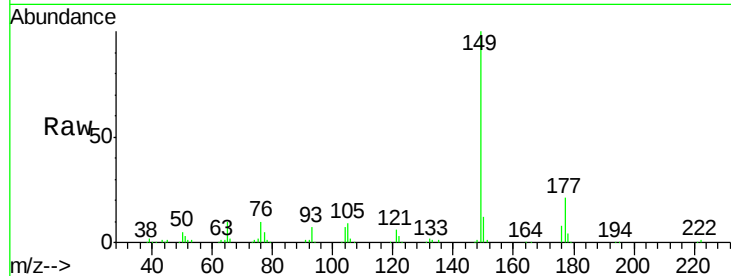




#59
Diethylphthalate
Concen: 40.56 ng
RT: 10.67 min Scan# 751
Delta R.T. 0.00 min
Lab File: BF080388.D
Acq: 8 Jul 2015 15:23

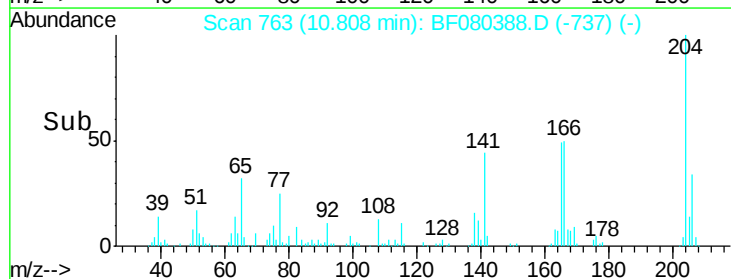
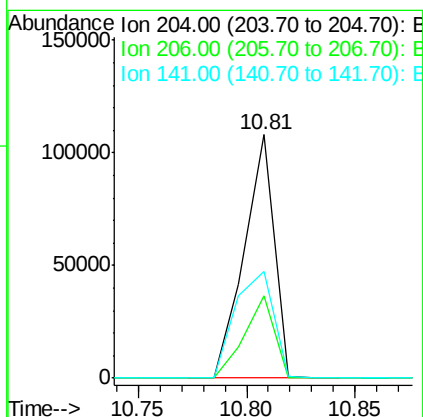
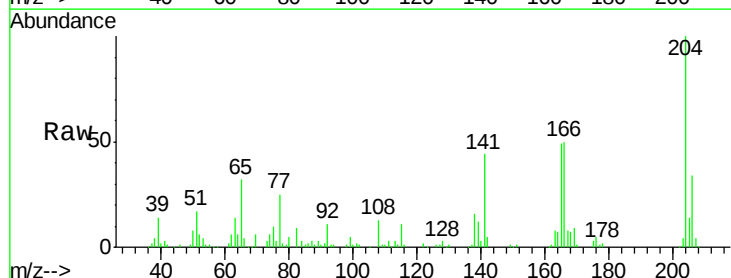
Instrument :
BNA_F
ClientSampleId :
PB84381BS

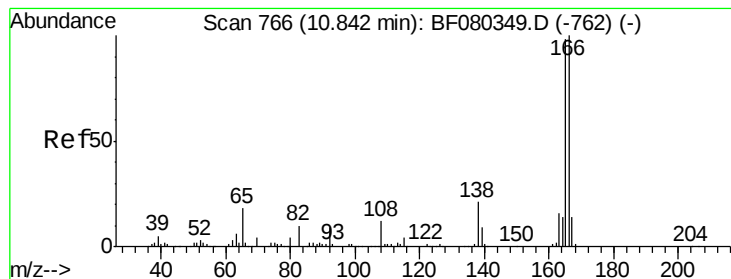
Tgt Ion:149 Resp: 231454
Ion Ratio Lower Upper
149 100
177 21.2 17.6 26.4
150 12.4 10.0 15.0



#60
4-Chlorophenyl-phenylether
Concen: 39.80 ng
RT: 10.81 min Scan# 763
Delta R.T. 0.00 min
Lab File: BF080388.D
Acq: 8 Jul 2015 15:23

Tgt Ion:204 Resp: 103465
Ion Ratio Lower Upper
204 100
206 33.9 27.2 40.8
141 43.9 35.9 53.9





#61

4-Nitroaniline

Concen: 38.75 ng

RT: 10.82 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF080388.D

Acq: 8 Jul 2015 15:23

Instrument :

BNA_F

ClientSampleId :

PB84381BS

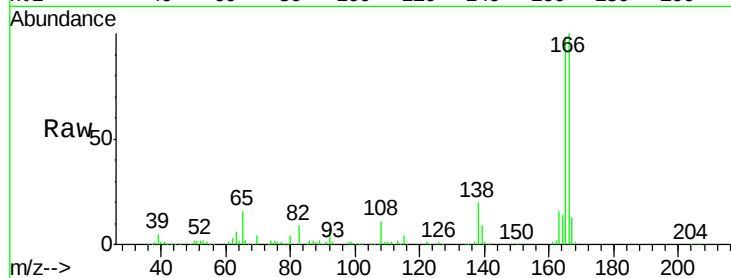
Tgt Ion:138 Resp: 50629

Ion Ratio Lower Upper

138 100

92 41.0 21.0 61.0

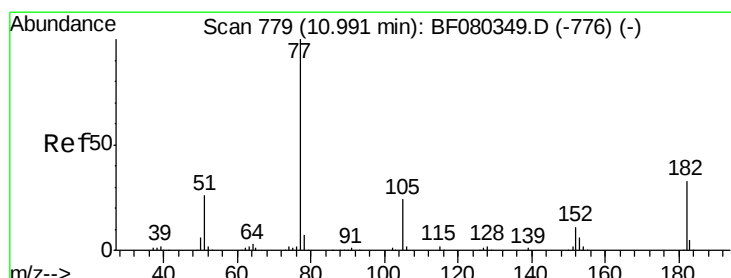
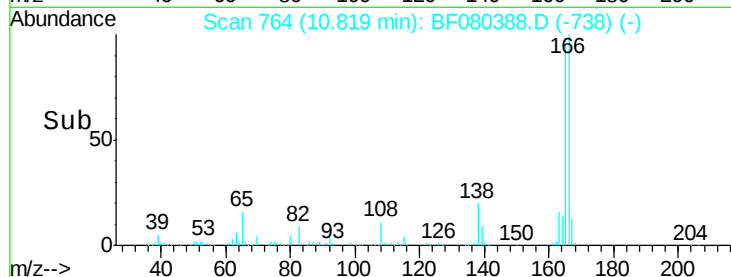
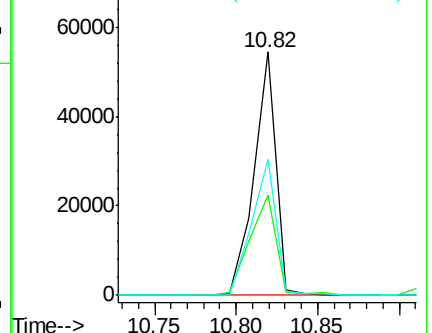
108 56.0 38.4 78.4



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: 39.14 ng

RT: 10.97 min Scan# 777

Delta R.T. 0.00 min

Lab File: BF080388.D

Acq: 8 Jul 2015 15:23

Tgt Ion: 77 Resp: 212117

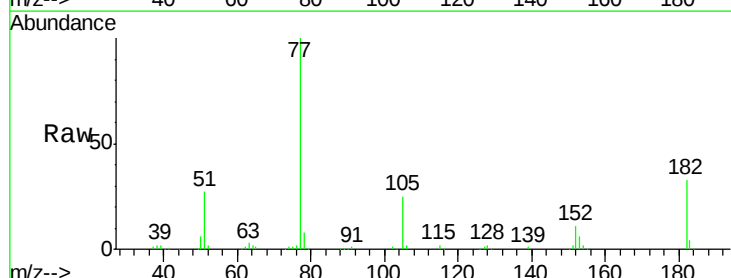
Ion Ratio Lower Upper

77 100

182 33.2 13.2 53.2

105 24.8 4.3 44.3

51 27.1 6.3 46.3

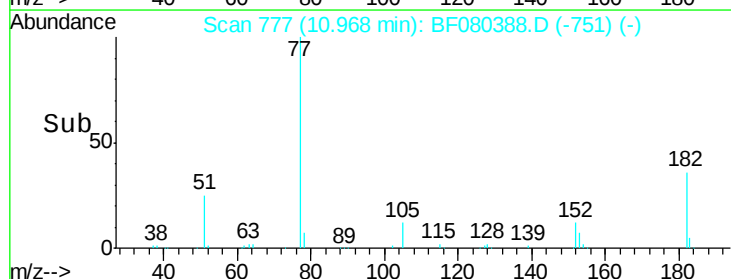
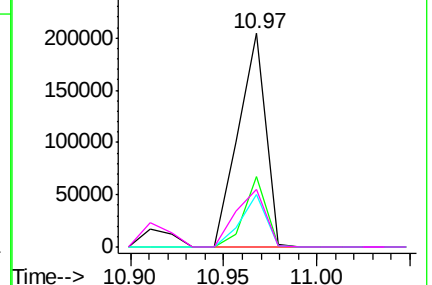


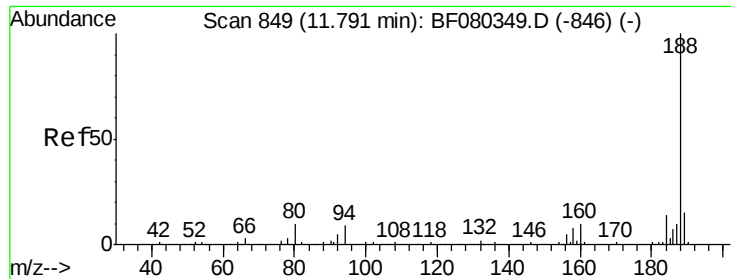
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

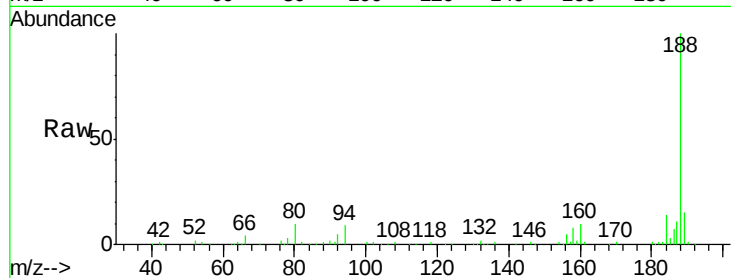




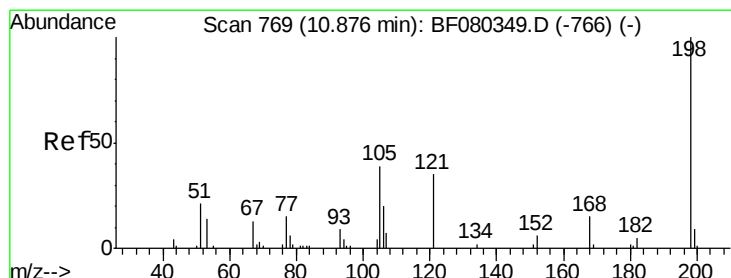
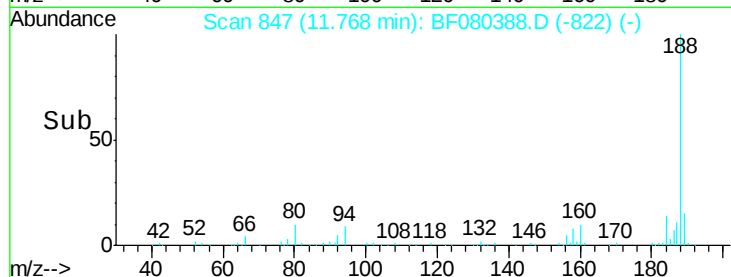
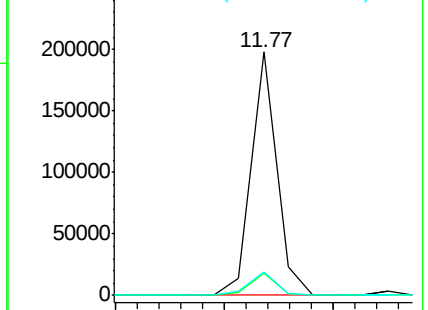
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.77 min Scan# 847
Delta R.T. -0.01 min
Lab File: BF080388.D
Acq: 8 Jul 2015 15:23

Instrument :
BNA_F
ClientSampleId :
PB84381BS

Tgt Ion:188 Resp: 161547
Ion Ratio Lower Upper
188 100
94 9.1 7.5 11.3
80 9.6 8.3 12.5

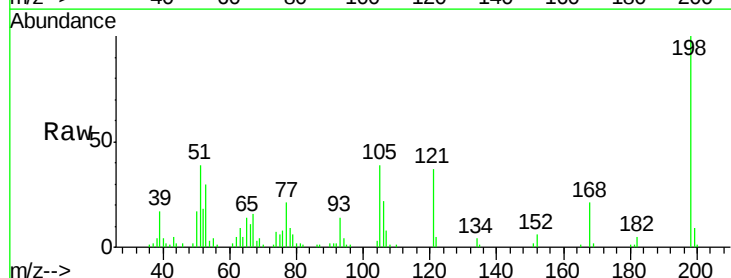


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

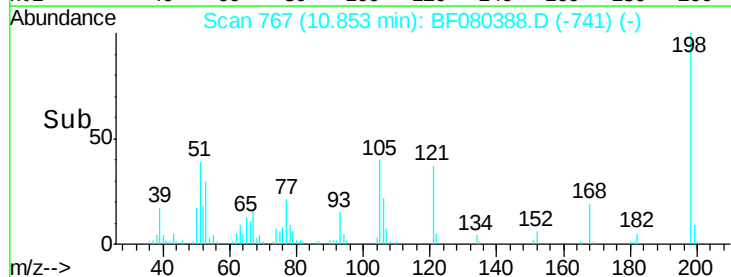
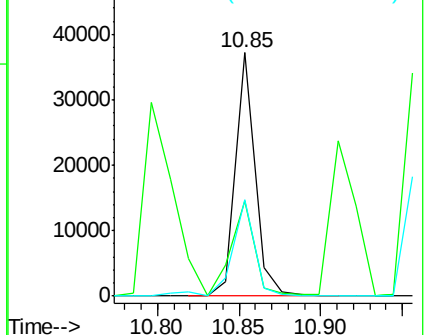


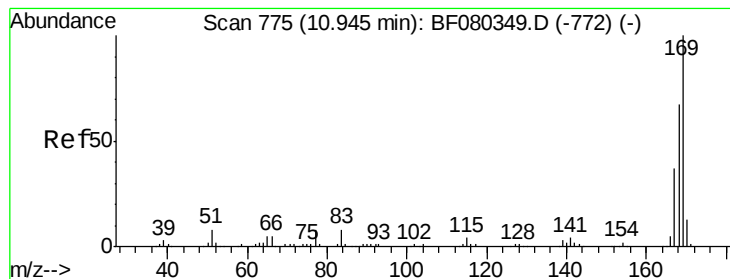
#64
4,6-Dinitro-2-methylphenol
Concen: 34.46 ng
RT: 10.85 min Scan# 767
Delta R.T. 0.00 min
Lab File: BF080388.D
Acq: 8 Jul 2015 15:23

Tgt Ion:198 Resp: 30828
Ion Ratio Lower Upper
198 100
51 38.8 17.0 57.0
105 39.4 20.9 60.9



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

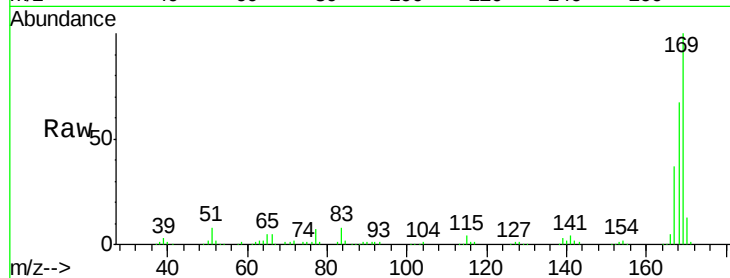




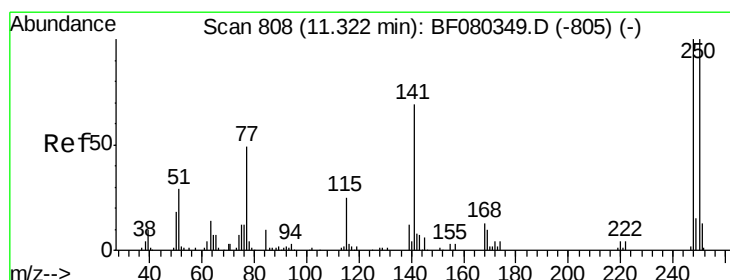
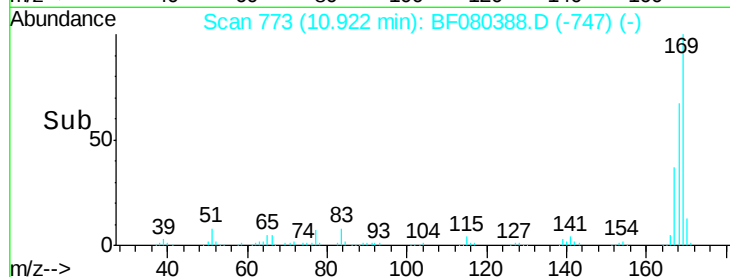
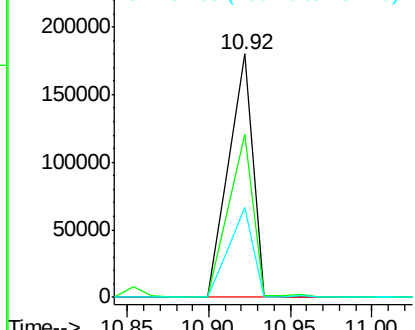
#65
 n-Nitrosodiphenylamine
 Concen: 35.71 ng
 RT: 10.92 min Scan# 773
 Delta R.T. 0.00 min
 Lab File: BF080388.D
 Acq: 8 Jul 2015 15:23

Instrument :
 BNA_F
 ClientSampleId :
 PB84381BS

Tgt Ion:169 Resp: 183728
 Ion Ratio Lower Upper
 169 100
 168 67.2 53.5 80.3
 167 36.9 29.5 44.3

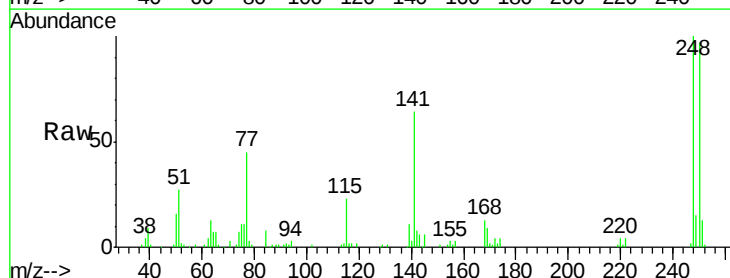


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

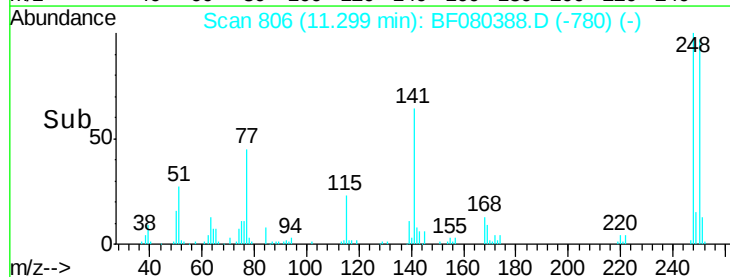
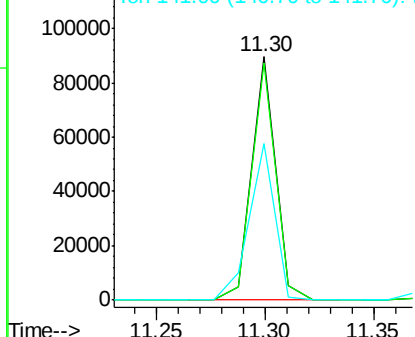


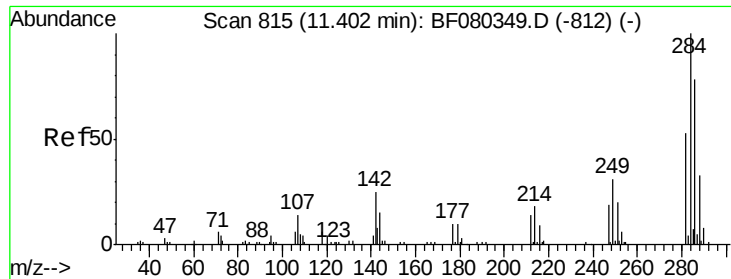
#66
 4-Bromophenyl-phenylether
 Concen: 37.00 ng
 RT: 11.30 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF080388.D
 Acq: 8 Jul 2015 15:23

Tgt Ion:248 Resp: 68465
 Ion Ratio Lower Upper
 248 100
 250 97.5 80.0 120.0
 141 64.3 54.8 82.2



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

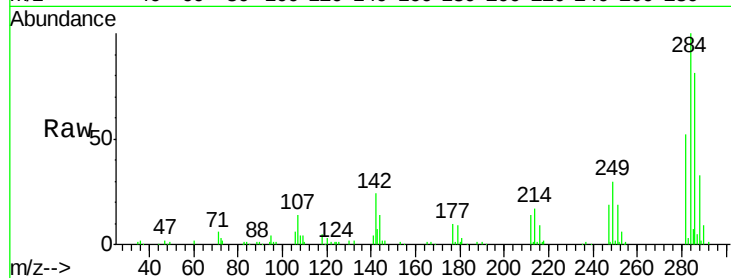




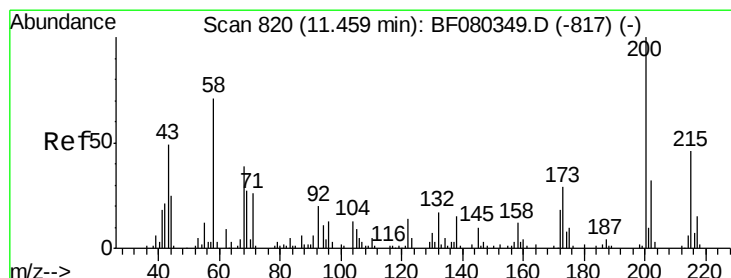
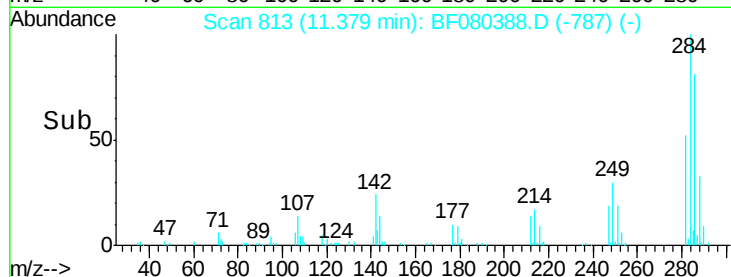
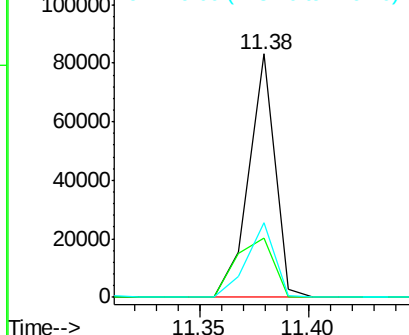
#67
Hexachlorobenzene
Concen: 35.84 ng
RT: 11.38 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF080388.D
Acq: 8 Jul 2015 15:23

Instrument :
BNA_F
ClientSampled :
PB84381BS

Tgt Ion:284 Resp: 69583
Ion Ratio Lower Upper
284 100
142 24.4 20.3 30.5
249 30.4 24.7 37.1

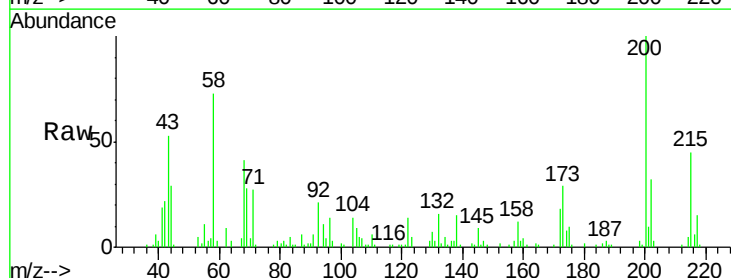


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

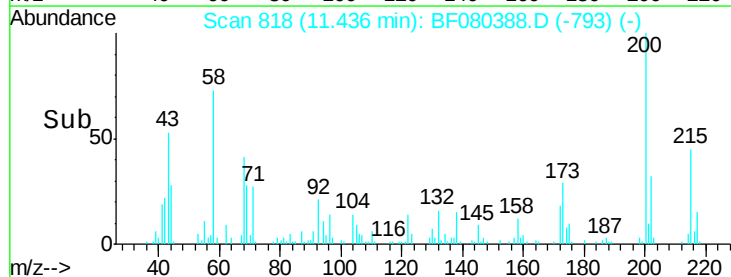
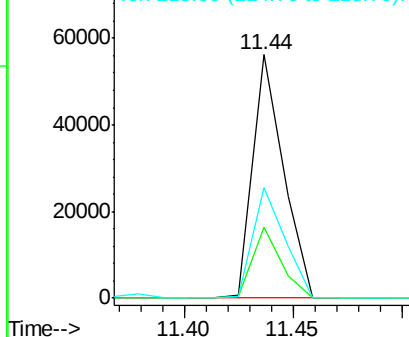


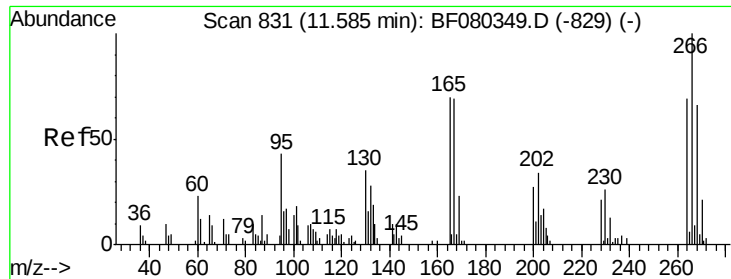
#68
Atrazine
Concen: 36.04 ng
RT: 11.44 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF080388.D
Acq: 8 Jul 2015 15:23

Tgt Ion:200 Resp: 55208
Ion Ratio Lower Upper
200 100
173 28.9 9.9 49.9
215 45.3 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

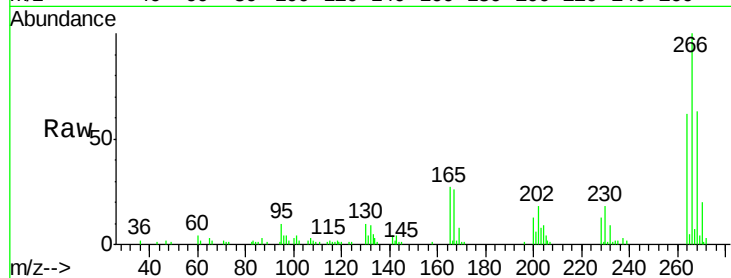




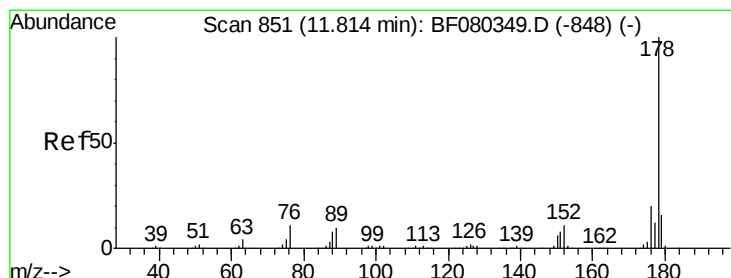
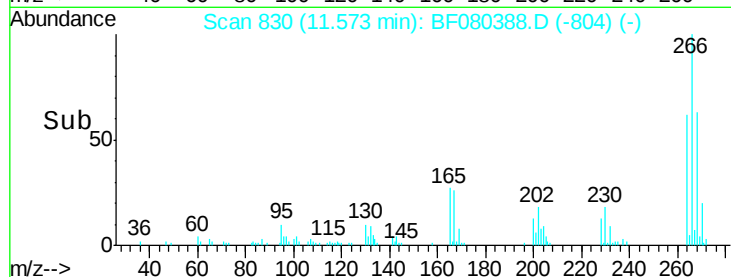
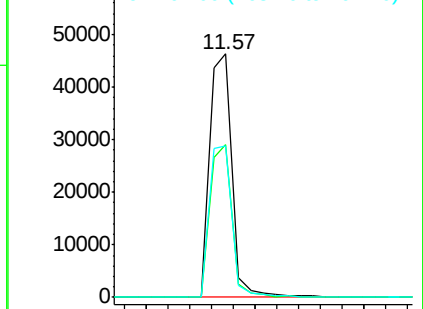
#69
 Pentachlorophenol
 Concen: 69.77 ng
 RT: 11.57 min Scan# 830
 Delta R.T. 0.00 min
 Lab File: BF080388.D
 Acq: 8 Jul 2015 15:23

Instrument :
 BNA_F
 ClientSampleId :
 PB84381BS

Tgt Ion:266 Resp: 66977
 Ion Ratio Lower Upper
 266 100
 268 62.5 52.7 79.1
 264 62.0 55.0 82.6

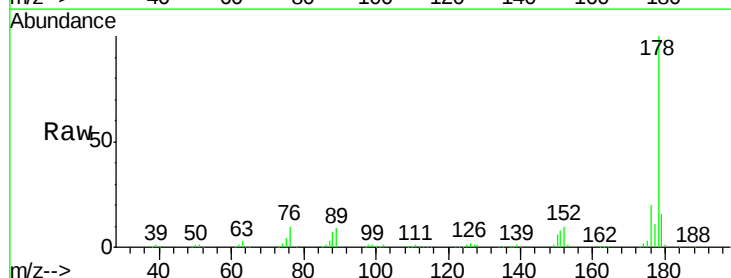


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

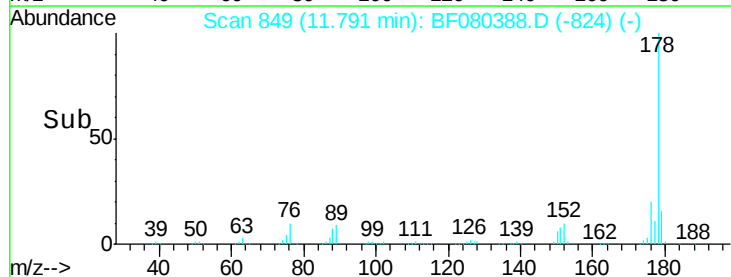
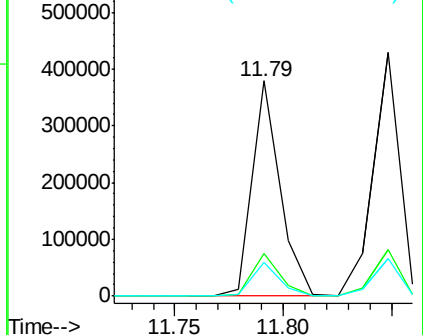


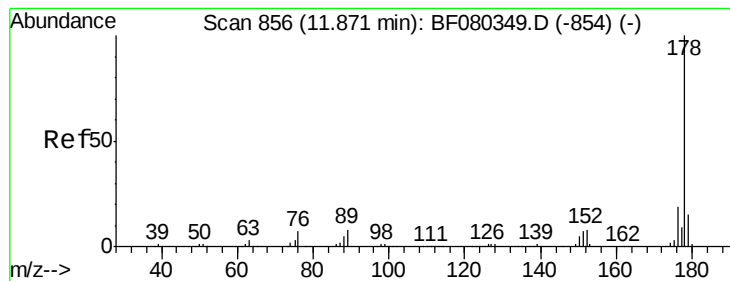
#70
 Phenanthrene
 Concen: 34.86 ng
 RT: 11.79 min Scan# 849
 Delta R.T. -0.01 min
 Lab File: BF080388.D
 Acq: 8 Jul 2015 15:23

Tgt Ion:178 Resp: 337810
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.1 24.1
 179 15.9 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: 38.23 ng

RT: 11.85 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF080388.D

Acq: 8 Jul 2015 15:23

Instrument :

BNA_F

ClientSampleId :

PB84381BS

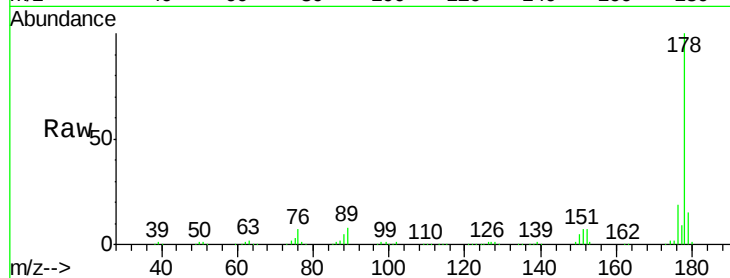
Tgt Ion:178 Resp: 363248

Ion Ratio Lower Upper

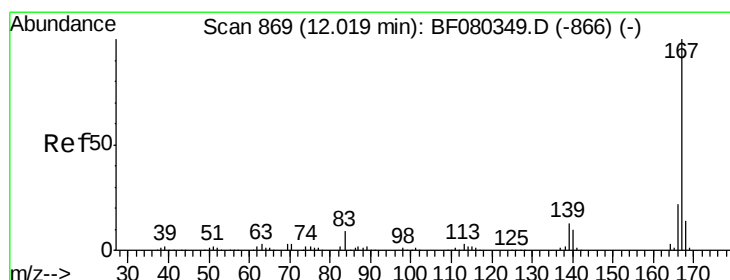
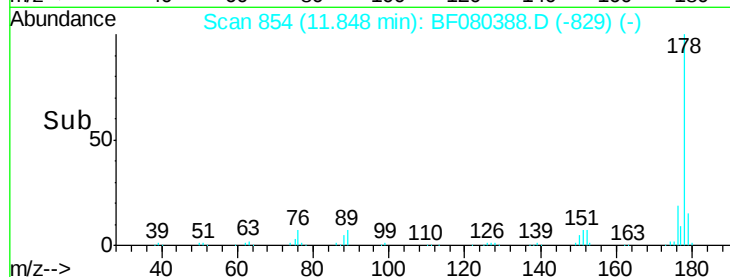
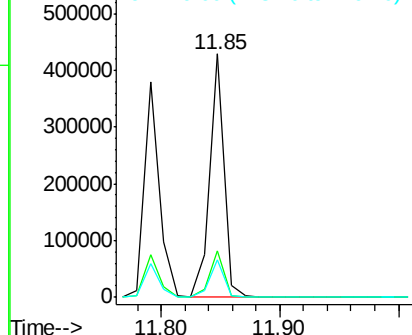
178 100

176 18.9 15.3 22.9

179 15.4 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: 35.23 ng

RT: 12.00 min Scan# 867

Delta R.T. -0.01 min

Lab File: BF080388.D

Acq: 8 Jul 2015 15:23

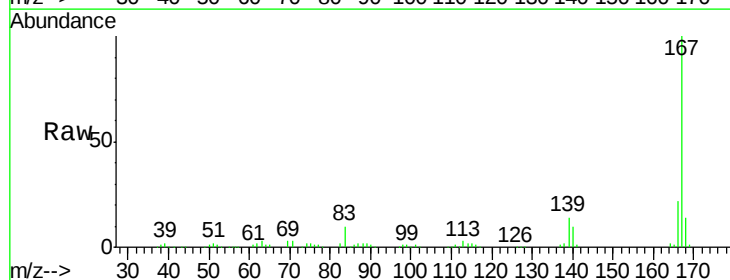
Tgt Ion:167 Resp: 312175

Ion Ratio Lower Upper

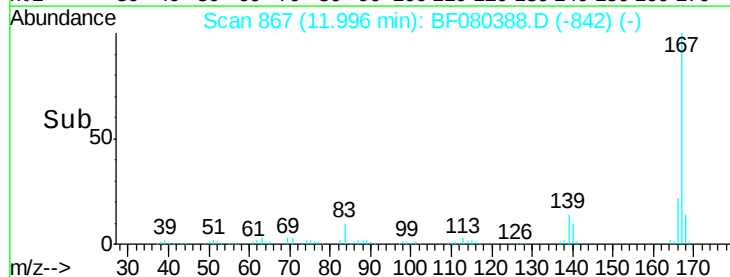
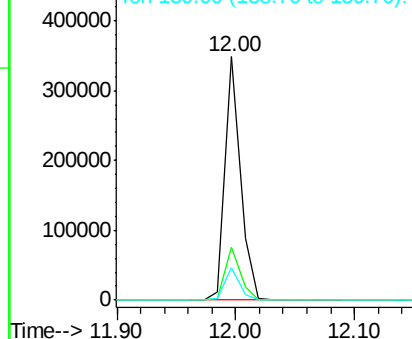
167 100

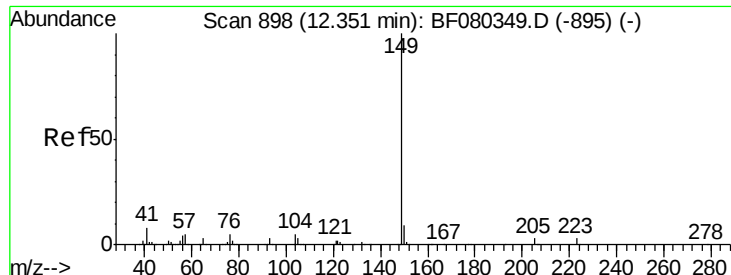
166 21.8 17.8 26.6

139 13.5 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

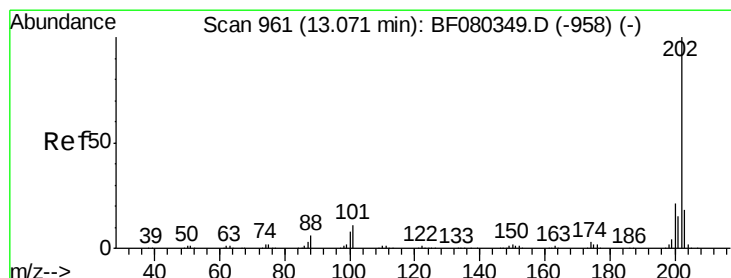
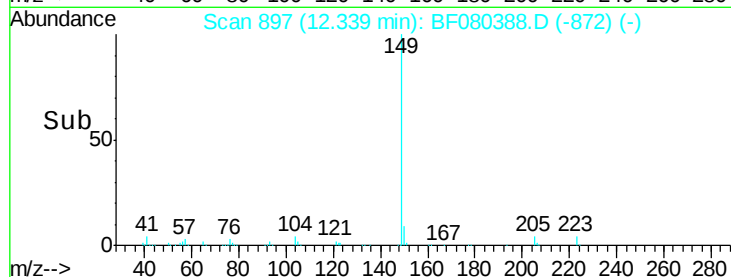
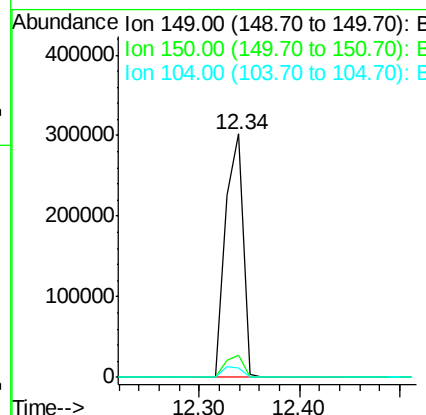
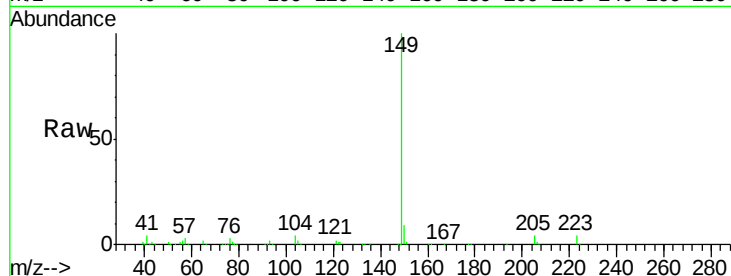




#73
Di-n-butylphthalate
Concen: 36.34 ng
RT: 12.34 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF080388.D
Acq: 8 Jul 2015 15:23

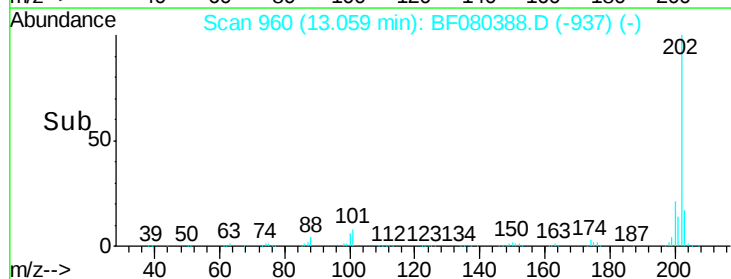
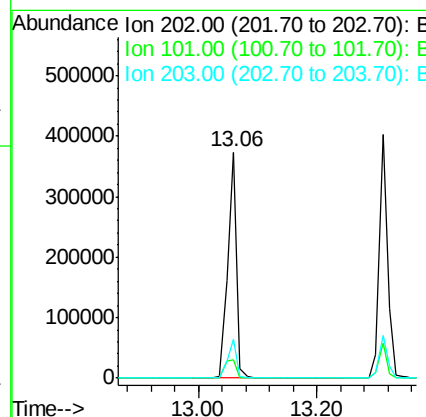
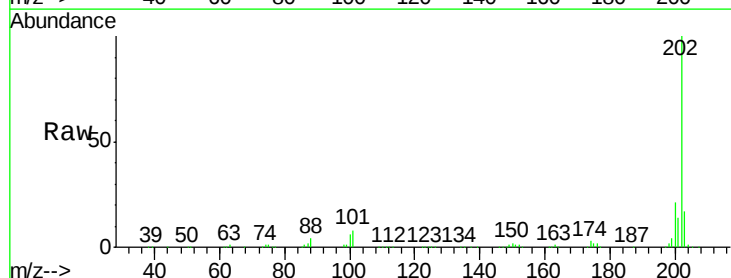
Instrument :
BNA_F
ClientSampleId :
PB84381BS

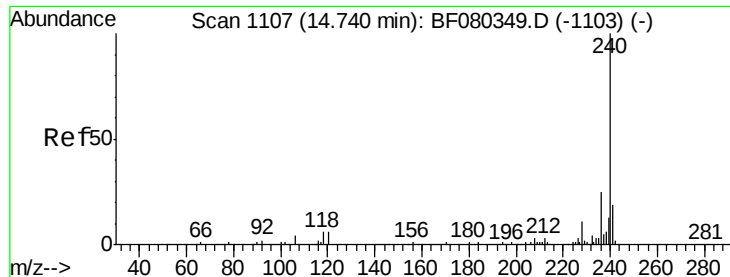
Tgt Ion:149 Resp: 368371
Ion Ratio Lower Upper
149 100
150 8.9 7.5 11.3
104 3.7 3.9 5.9#



#74
Fluoranthene
Concen: 37.09 ng
RT: 13.06 min Scan# 960
Delta R.T. -0.03 min
Lab File: BF080388.D
Acq: 8 Jul 2015 15:23

Tgt Ion:202 Resp: 386150
Ion Ratio Lower Upper
202 100
101 8.1 0.0 31.0
203 17.2 0.0 37.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.74 min Scan# 1107

Delta R.T. -0.10 min

Lab File: BF080388.D

Acq: 8 Jul 2015 15:23

Instrument :

BNA_F

ClientSampleId :

PB84381BS

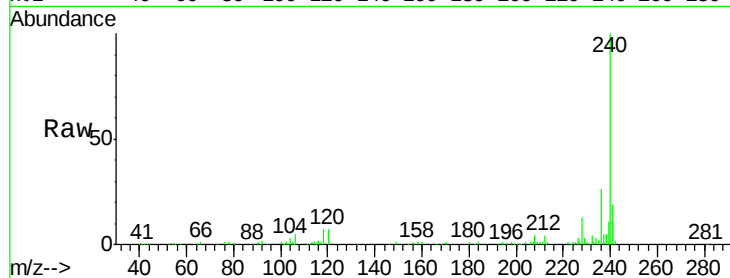
Tgt Ion:240 Resp: 171647

Ion Ratio Lower Upper

240 100

120 7.4 5.1 7.7

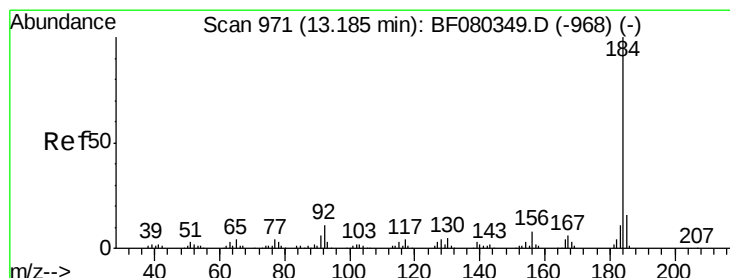
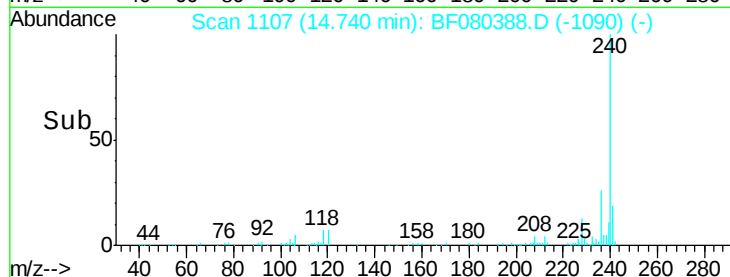
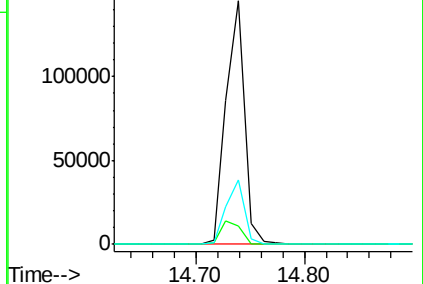
236 26.3 20.4 30.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 27.01 ng

RT: 13.17 min Scan# 970

Delta R.T. -0.05 min

Lab File: BF080388.D

Acq: 8 Jul 2015 15:23

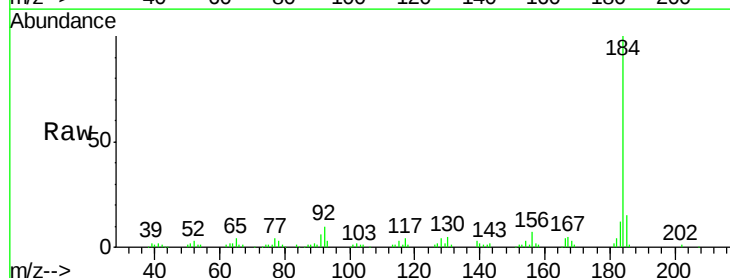
Tgt Ion:184 Resp: 117600

Ion Ratio Lower Upper

184 100

185 15.1 12.6 19.0

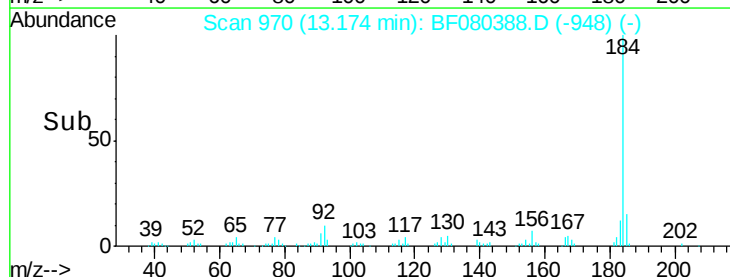
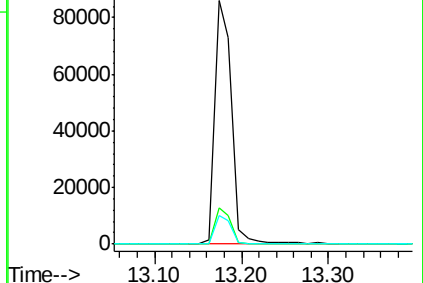
183 11.6 9.2 13.8

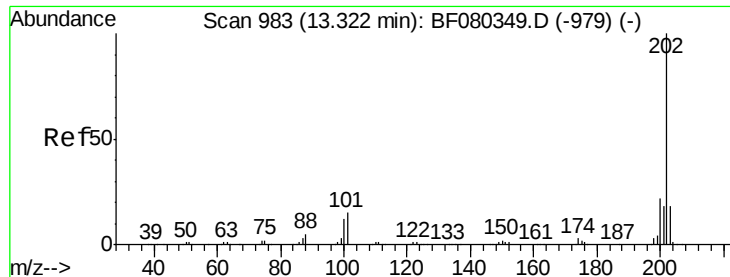


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

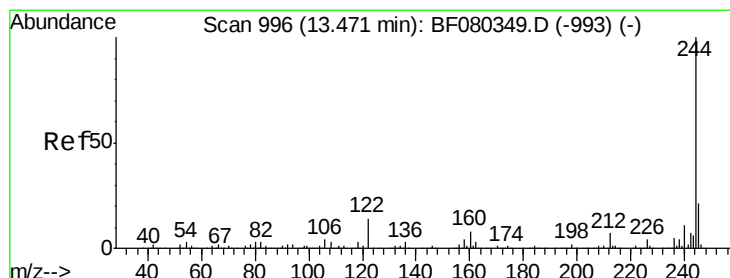
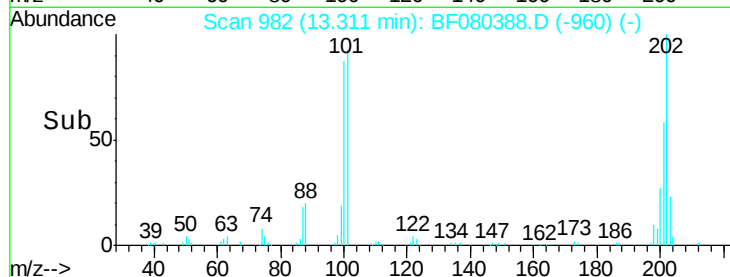
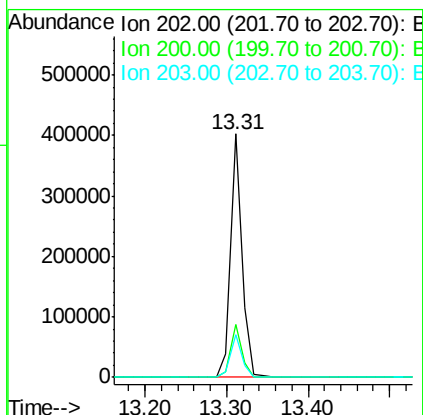
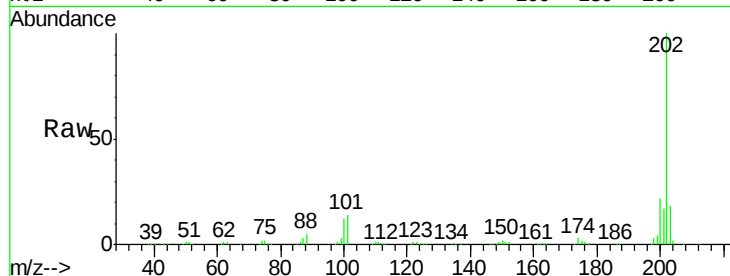




#77
 Pyrene
 Concen: 37.69 ng
 RT: 13.31 min Scan# 982
 Delta R.T. -0.05 min
 Lab File: BF080388.D
 Acq: 8 Jul 2015 15:23

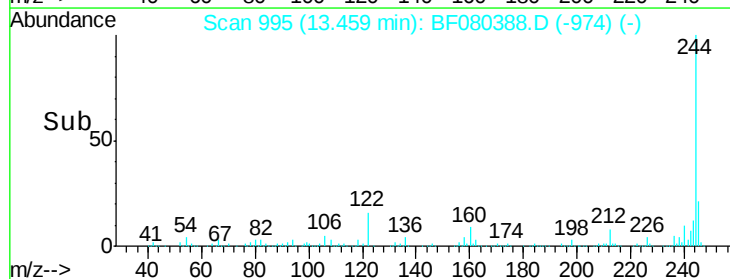
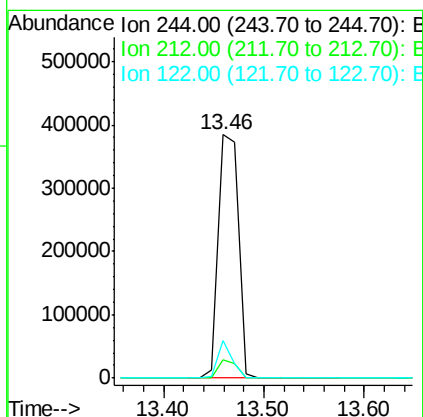
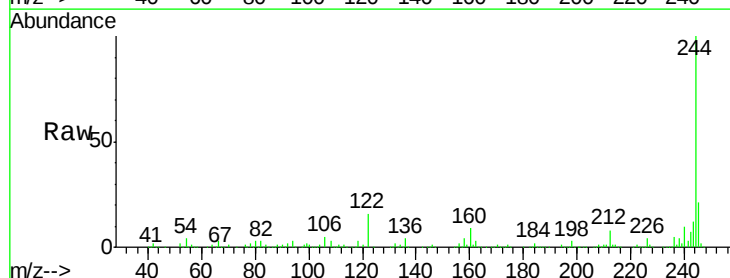
Instrument :
 BNA_F
 ClientSampleId :
 PB84381BS

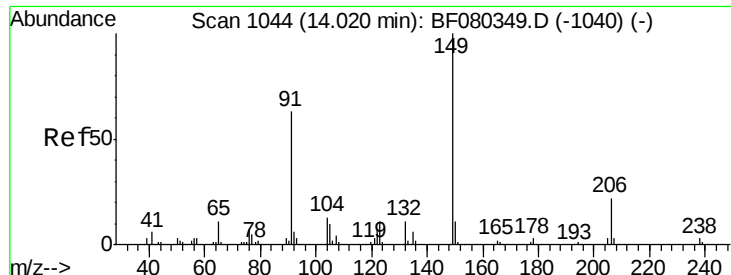
Tgt Ion:202 Resp: 391288
 Ion Ratio Lower Upper
 202 100
 200 21.6 17.2 25.8
 203 17.6 14.3 21.5



#78
 Terphenyl-d14
 Concen: 72.77 ng
 RT: 13.46 min Scan# 995
 Delta R.T. -0.06 min
 Lab File: BF080388.D
 Acq: 8 Jul 2015 15:23

Tgt Ion:244 Resp: 535492
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.8 8.8
 122 15.6 11.1 16.7

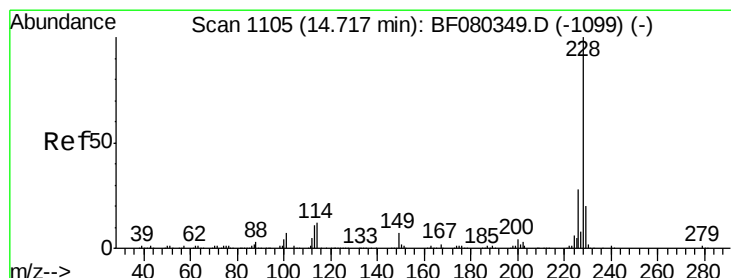
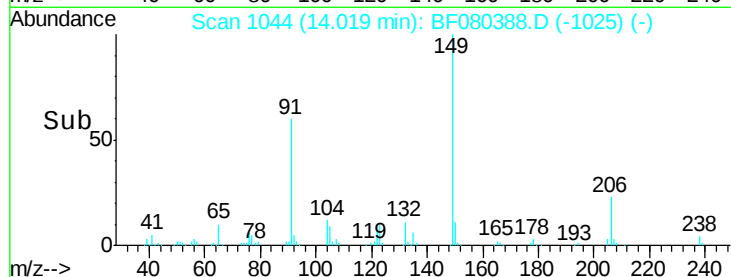
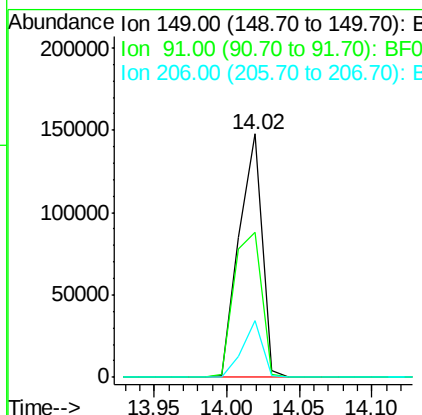
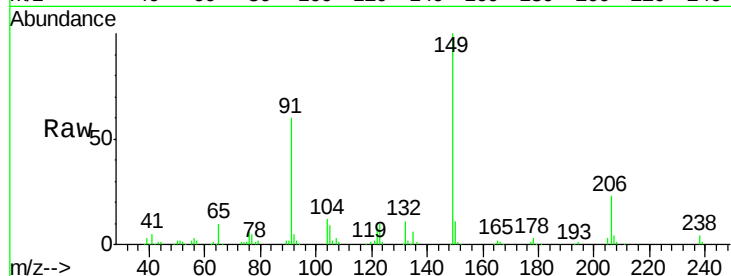




#79
Butylbenzylphthalate
Concen: 39.49 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.08 min
Lab File: BF080388.D
Acq: 8 Jul 2015 15:23

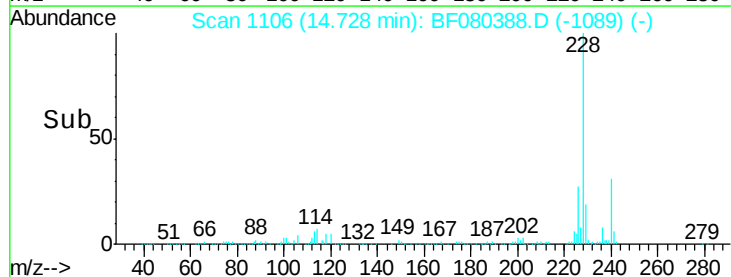
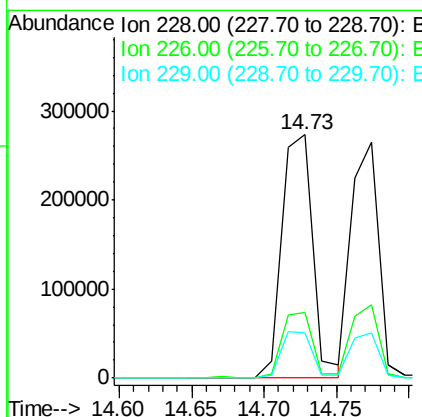
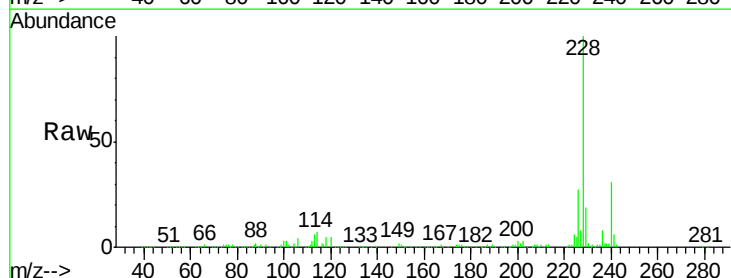
Instrument :
BNA_F
ClientSampleId :
PB84381BS

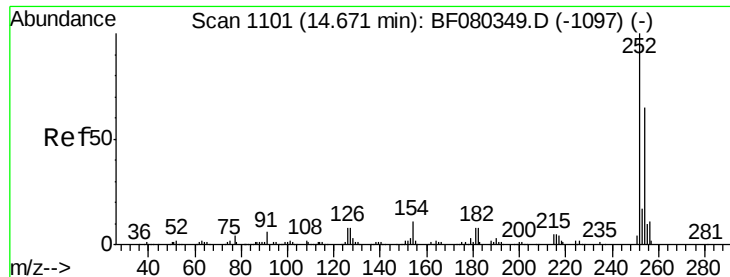
Tgt Ion:149 Resp: 163581
Ion Ratio Lower Upper
149 100
91 59.7 50.8 76.2
206 23.5 17.6 26.4



#80
Benzo(a)anthracene
Concen: 38.78 ng
RT: 14.73 min Scan# 1106
Delta R.T. -0.10 min
Lab File: BF080388.D
Acq: 8 Jul 2015 15:23

Tgt Ion:228 Resp: 401162
Ion Ratio Lower Upper
228 100
226 27.0 22.2 33.4
229 18.7 16.0 24.0

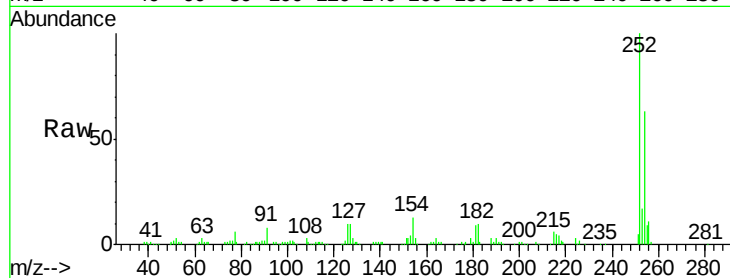




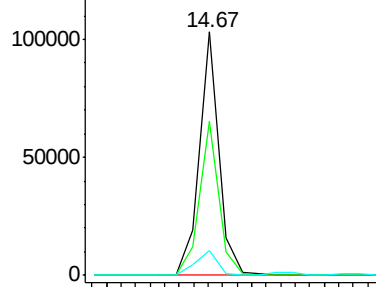
#81
 3,3'-Dichlorobenzidine
 Concen: 28.08 ng
 RT: 14.67 min Scan# 1101
 Delta R.T. -0.11 min
 Lab File: BF080388.D
 Acq: 8 Jul 2015 15:23

Instrument :
 BNA_F
 ClientSampleId :
 PB84381BS

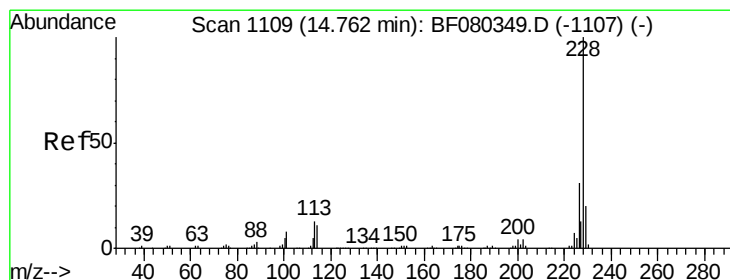
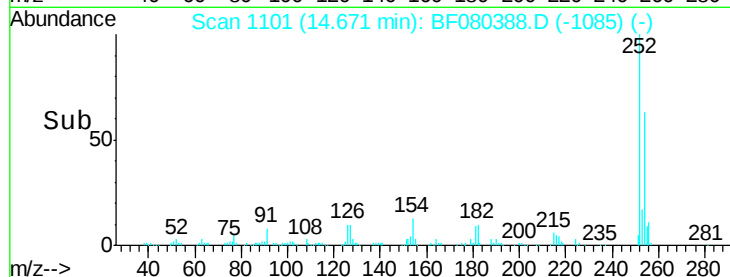
Tgt Ion:252 Resp: 96329
 Ion Ratio Lower Upper
 252 100
 254 63.2 51.7 77.5
 126 10.3 6.3 9.5#



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

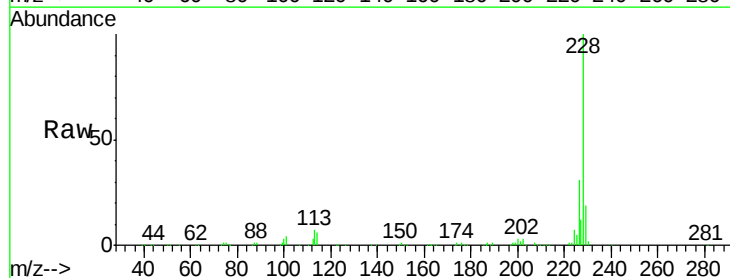


Time--> 14.60 14.65 14.70 14.75

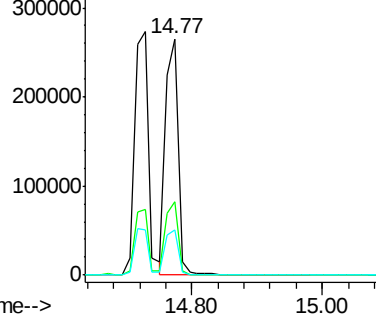


#82
 Chrysene
 Concen: 36.89 ng
 RT: 14.77 min Scan# 1110
 Delta R.T. -0.10 min
 Lab File: BF080388.D
 Acq: 8 Jul 2015 15:23

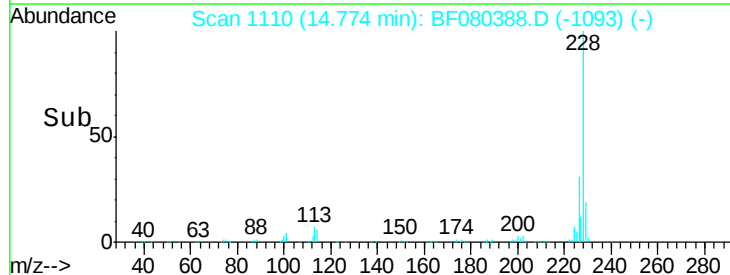
Tgt Ion:228 Resp: 357094
 Ion Ratio Lower Upper
 228 100
 226 31.2 25.0 37.4
 229 19.4 16.1 24.1

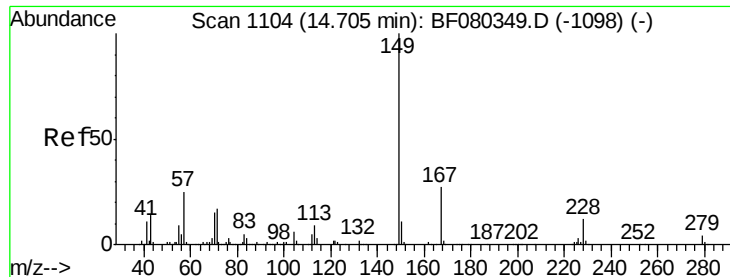


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E



Time--> 14.80 15.00





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.03 ng

RT: 14.71 min Scan# 1104

Delta R.T. -0.13 min

Lab File: BF080388.D

Acq: 8 Jul 2015 15:23

Instrument :

BNA_F

ClientSampleId :

PB84381BS

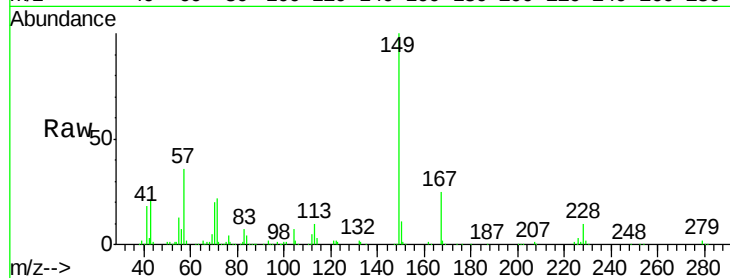
Tgt Ion:149 Resp: 252802

Ion Ratio Lower Upper

149 100

167 25.0 21.4 32.0

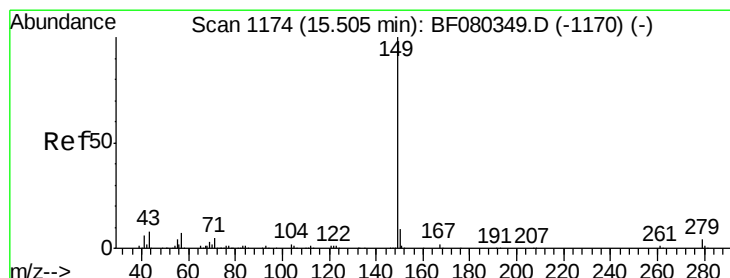
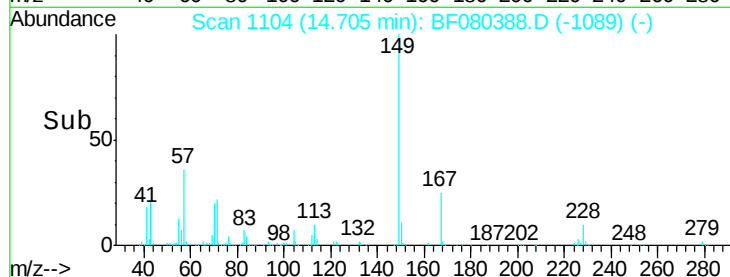
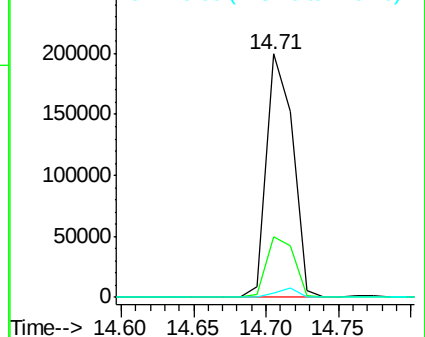
279 1.9 2.9 4.3#



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: 39.69 ng

RT: 15.52 min Scan# 1175

Delta R.T. -0.16 min

Lab File: BF080388.D

Acq: 8 Jul 2015 15:23

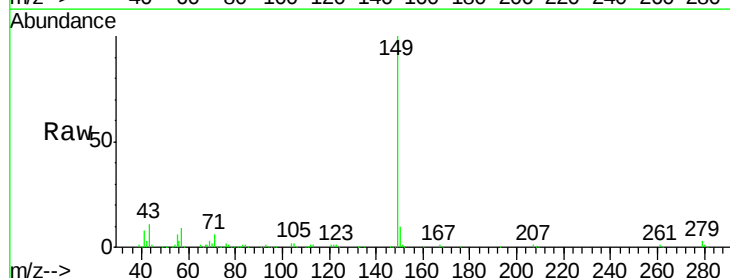
Tgt Ion:149 Resp: 414070

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

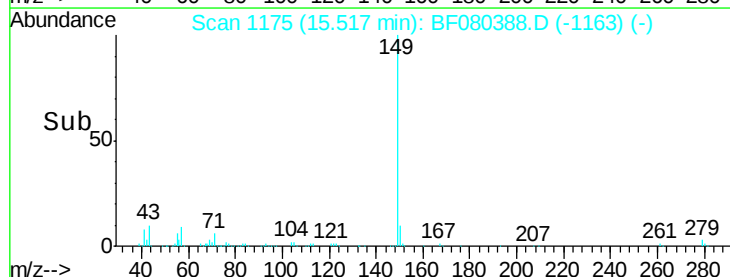
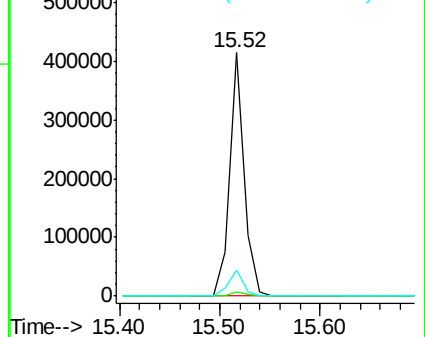
43 11.6 9.1 13.7

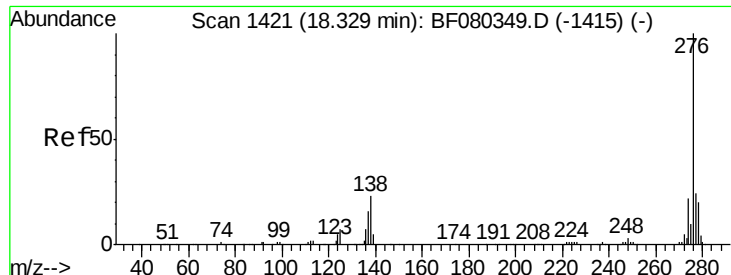


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

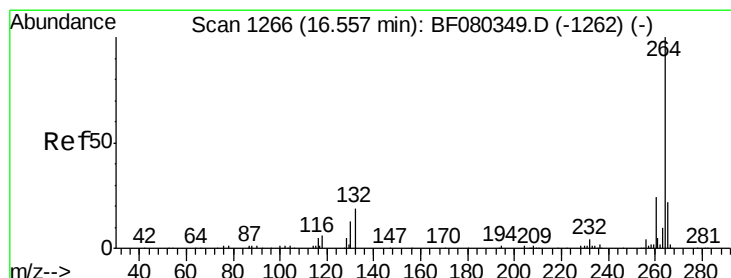
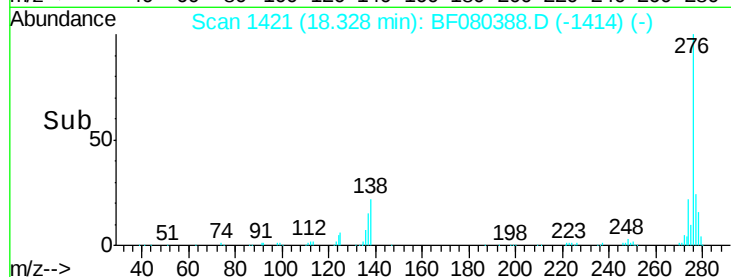
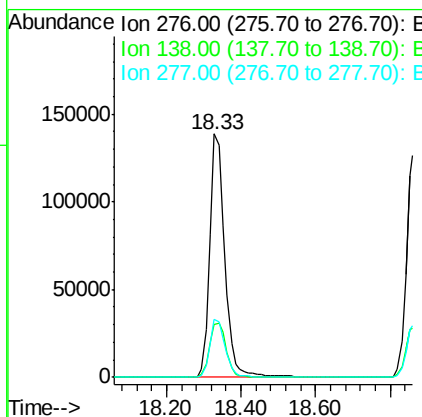
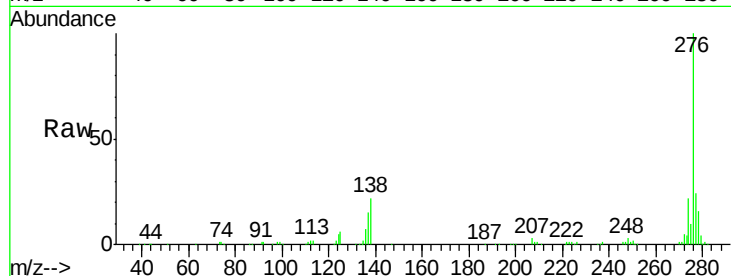




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 34.42 ng
 RT: 18.33 min Scan# 1421
 Delta R.T. -0.22 min
 Lab File: BF080388.D
 Acq: 8 Jul 2015 15:23

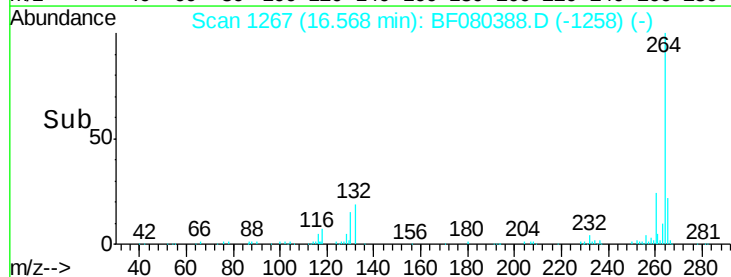
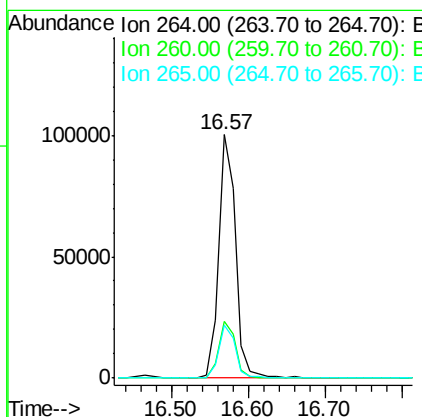
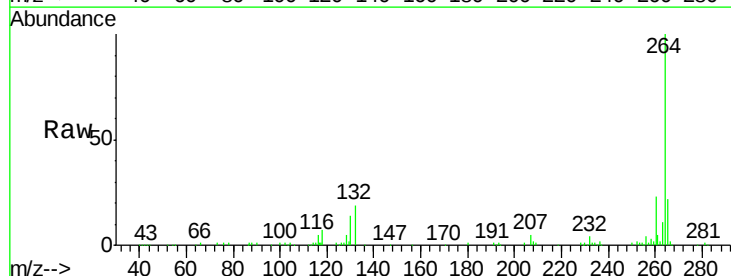
Instrument :
 BNA_F
 ClientSampleId :
 PB84381BS

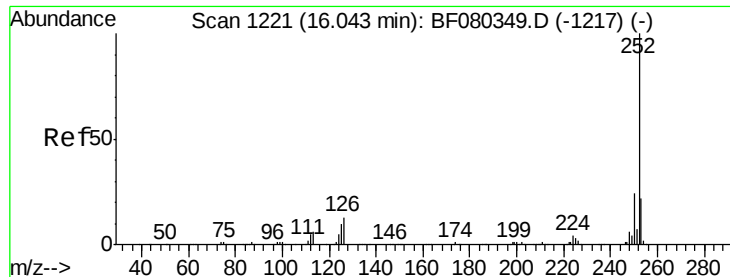
Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.8	19.7	29.5
277	24.4	19.4	29.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.57 min Scan# 1267
 Delta R.T. -0.19 min
 Lab File: BF080388.D
 Acq: 8 Jul 2015 15:23

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.9	17.6	26.4

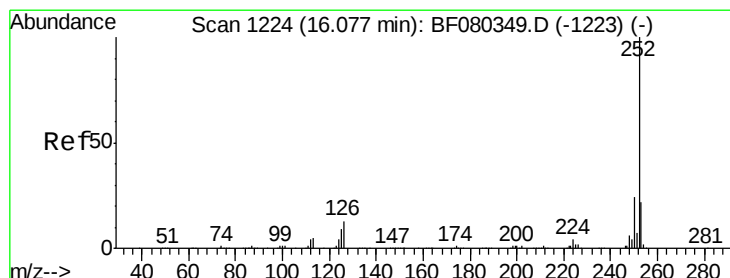
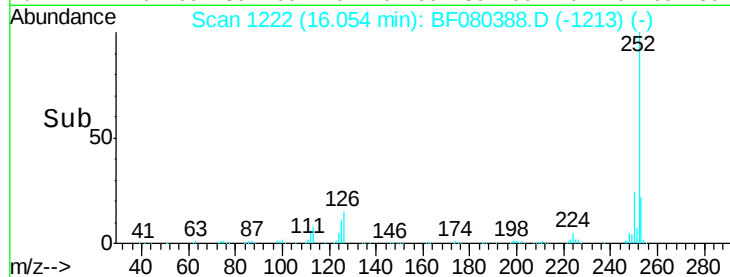
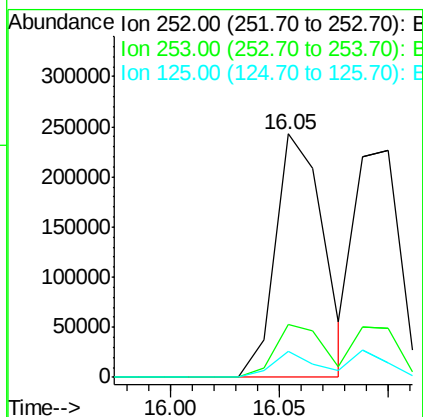
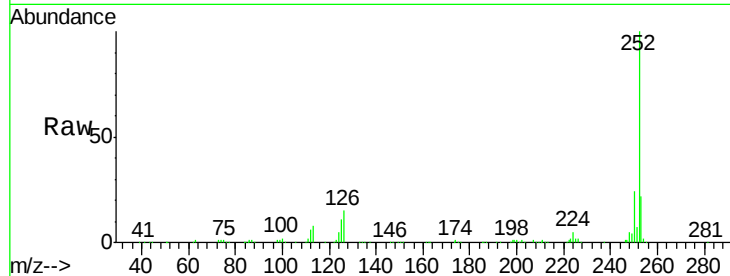




#87
Benzo(b)fluoranthene
Concen: 38.54 ng
RT: 16.05 min Scan# 1222
Delta R.T. -0.19 min
Lab File: BF080388.D
Acq: 8 Jul 2015 15:23

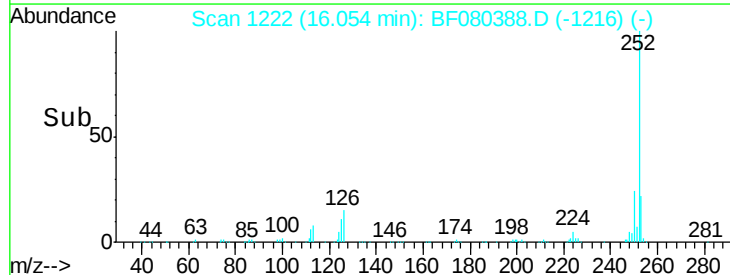
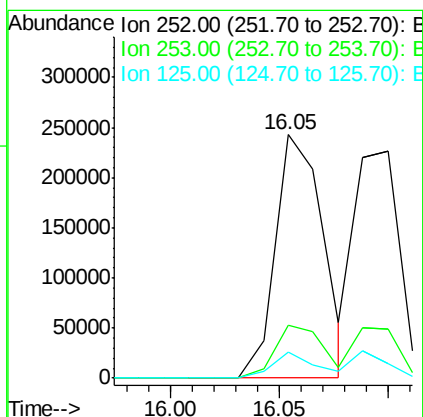
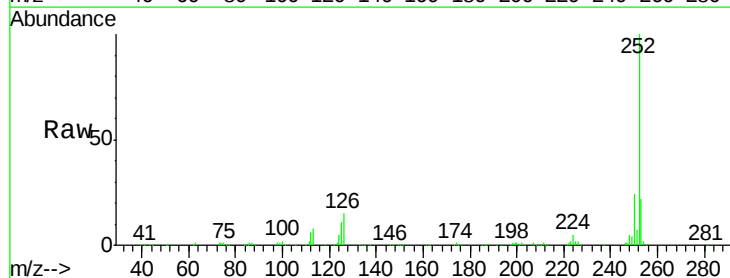
Instrument :
BNA_F
ClientSampleId :
PB84381BS

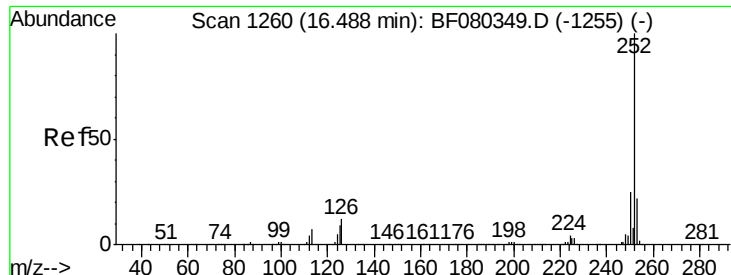
Tgt Ion:252 Resp: 373625
Ion Ratio Lower Upper
252 100
253 21.5 17.8 26.8
125 10.9 7.7 11.5



#88
Benzo(k)fluoranthene
Concen: 40.71 ng
RT: 16.05 min Scan# 1222
Delta R.T. -0.23 min
Lab File: BF080388.D
Acq: 8 Jul 2015 15:23

Tgt Ion:252 Resp: 373625
Ion Ratio Lower Upper
252 100
253 21.5 17.8 26.6
125 10.9 8.5 12.7





#89

Benzo(a)pyrene

Concen: 39.63 ng

RT: 16.50 min Scan# 1261

Delta R.T. -0.19 min

Lab File: BF080388.D

Acq: 8 Jul 2015 15:23

Instrument :

BNA_F

ClientSampleId :

PB84381BS

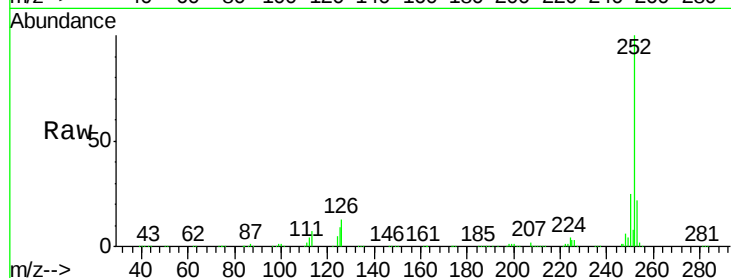
Tgt Ion:252 Resp: 351390

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.8

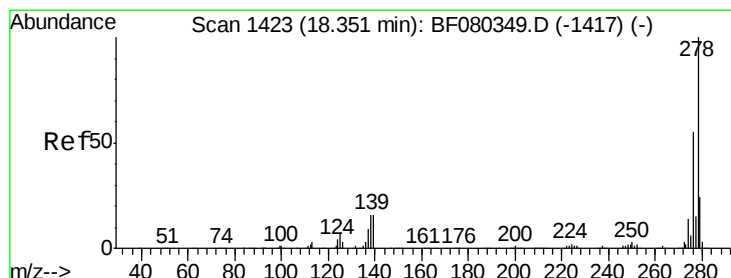
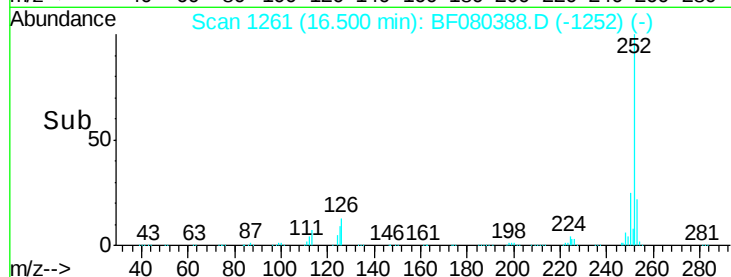
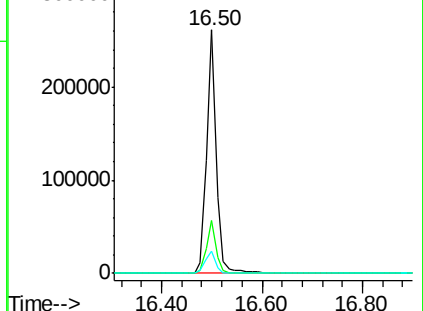
125 9.3 7.3 10.9



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: 37.33 ng

RT: 18.35 min Scan# 1423

Delta R.T. -0.22 min

Lab File: BF080388.D

Acq: 8 Jul 2015 15:23

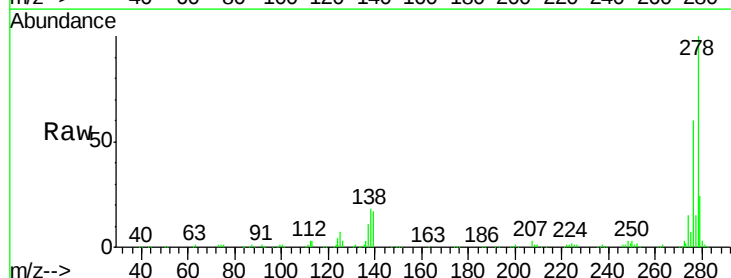
Tgt Ion:278 Resp: 325950

Ion Ratio Lower Upper

278 100

139 17.2 13.0 19.6

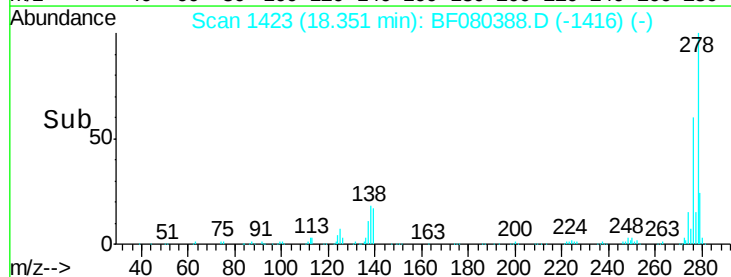
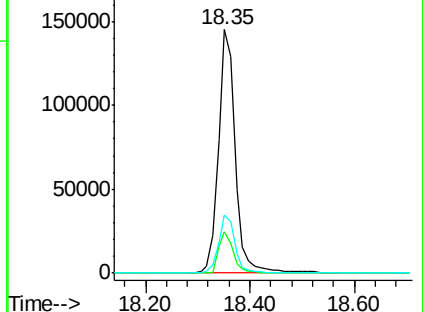
279 24.1 19.1 28.7

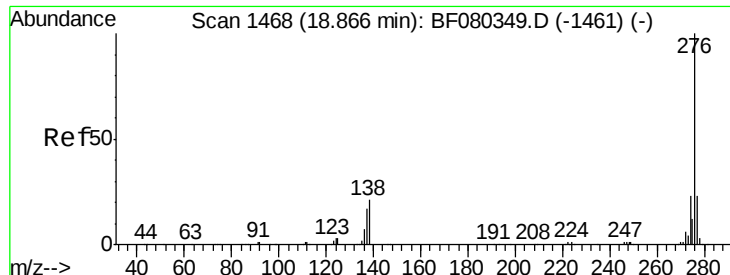


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 36.90 ng

RT: 18.87 min Scan# 1468

Delta R.T. -0.22 min

Lab File: BF080388.D

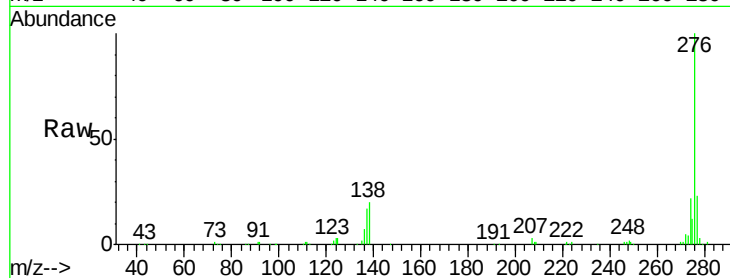
Acq: 8 Jul 2015 15:23

Instrument :

BNA_F

ClientSampleId :

PB84381BS



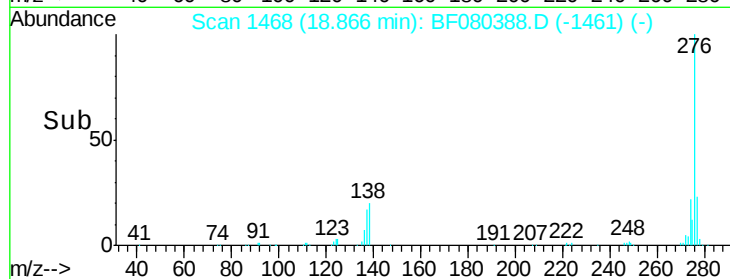
Tgt Ion: 276 Resp: 326735

Ion Ratio Lower Upper

276 100

277 23.1 18.6 28.0

138 20.4 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

