

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070215\
 Data File : BF080315.D
 Acq On : 2 Jul 2015 18:31
 Operator : TP/UM
 Sample : PB84340BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84340BS

Quant Time: Jul 03 04:17:43 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 03 03:51:56 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.24	152	31380	20.00	ng	0.00
21) Naphthalene-d8	8.53	136	119015	20.00	ng	0.00
38) Acenaphthene-d10	10.30	164	56158	20.00	ng	0.00
63) Phenanthrene-d10	11.80	188	112396	20.00	ng	-0.01
75) Chrysene-d12	14.81	240	130921	20.00	ng	-0.05
86) Perylene-d12	16.75	264	124103	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.85	112	136175	75.15	ng	0.00
7) Phenol-d6	6.84	99	167693	68.94	ng	0.00
23) Nitrobenzene-d5	7.80	82	148099	68.51	ng	0.00
41) 2,4,6-Tribromophenol	11.09	330	44126	82.52	ng	0.00
44) 2-Fluorobiphenyl	9.61	172	327609	83.96	ng	0.00
78) Terphenyl-d14	13.49	244	367288	65.71	ng	-0.05

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.06	88	23998	110.36	ng	# 100
3) Pyridine	3.90	79	73074	32.58	ng	99
4) n-Nitrosodimethylamine	3.80	42	36853	36.89	ng	100
6) Aniline	6.90	93	83377	25.63	ng	90
8) 2-Chlorophenol	7.02	128	73986	37.17	ng	97
9) Benzaldehyde	6.78	77	38355	28.85	ng	96
10) Phenol	6.86	94	85785	31.88	ng	84
11) bis(2-Chloroethyl)ether	6.96	93	66583	32.72	ng	93
12) 1,3-Dichlorobenzene	7.18	146	87047	35.83	ng	99
13) 1,4-Dichlorobenzene	7.18	146	87047	35.98	ng	96
14) 1,2-Dichlorobenzene	7.41	146	82687	34.40	ng	96
15) Benzyl Alcohol	7.37	79	67083	35.82	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.50	45	106727	34.18	ng	99
17) 2-Methylphenol	7.47	107	53877	31.31	ng	96
18) Hexachloroethane	7.77	117	26253	34.76	ng	# 67
19) n-Nitroso-di-n-propylamine	7.63	70	46519	28.76	ng	92
20) 3+4-Methylphenols	7.63	107	77597	33.95	ng	89
22) Acetophenone	7.64	105	108450	39.00	ng	# 93
24) Nitrobenzene	7.81	77	73070	32.60	ng	94
25) Isophorone	8.05	82	142980	34.03	ng	96
26) 2-Nitrophenol	8.14	139	31903	32.59	ng	# 74
27) 2,4-Dimethylphenol	8.17	122	63857	35.54	ng	94
28) bis(2-Chloroethoxy)methane	8.26	93	88851	35.24	ng	97
29) 2,4-Dichlorophenol	8.38	162	58296	35.13	ng	90
30) 1,2,4-Trichlorobenzene	8.48	180	62415	32.24	ng	92
31) Naphthalene	8.56	128	223412	36.85	ng	99
32) Benzoic acid	8.22	122	13957	33.94	ng	95
33) 4-Chloroaniline	8.59	127	63112	24.54	ng	# 93
34) Hexachlorobutadiene	8.67	225	38447	31.53	ng	98
35) Caprolactam	8.92	113	16435	32.64	ng	92
36) 4-Chloro-3-methylphenol	9.06	107	59248	32.98	ng	86
37) 2-Methylnaphthalene	9.24	142	137772	33.19	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.41	216	63906	34.20	ng	# 98
40) Hexachlorocyclopentadiene	9.40	237	53202	73.00	ng	98

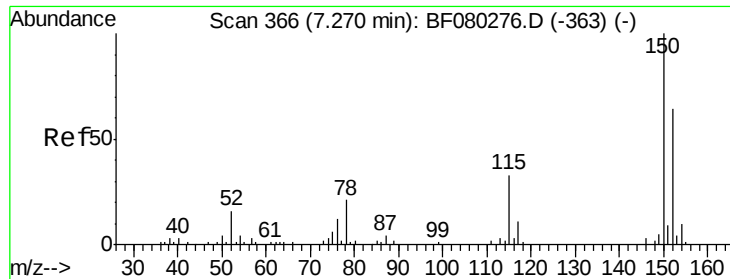
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070215\
 Data File : BF080315.D
 Acq On : 2 Jul 2015 18:31
 Operator : TP/UM
 Sample : PB84340BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84340BS

Quant Time: Jul 03 04:17:43 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 03 03:51:56 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.53	196	38775	32.78	ng	99
43) 2,4,5-Trichlorophenol	9.56	196	48223	37.84	ng #	92
45) 1,1'-Biphenyl	9.71	154	183884	38.51	ng	97
46) 2-Chloronaphthalene	9.74	162	132215	35.77	ng #	91
47) 2-Nitroaniline	9.82	65	40344	37.95	ng #	81
48) Acenaphthylene	10.16	152	215553	33.58	ng	99
49) Dimethylphthalate	10.00	163	159192	37.11	ng	99
50) 2,6-Dinitrotoluene	10.06	165	35391	40.36	ng #	68
51) Acenaphthene	10.34	154	141838	38.37	ng	91
52) 3-Nitroaniline	10.24	138	31876	31.69	ng	84
53) 2,4-Dinitrophenol	10.35	184	26359	76.46	ng #	1
54) Dibenzofuran	10.51	168	195865	37.55	ng	92
55) 4-Nitrophenol	10.38	139	61113	82.19	ng #	73
56) 2,4-Dinitrotoluene	10.48	165	43747	38.47	ng #	67
57) Fluorene	10.85	166	167453	38.70	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.62	232	39473	39.74	ng	96
59) Diethylphthalate	10.70	149	165822	40.67	ng	95
60) 4-Chlorophenyl-phenylether	10.84	204	74578	38.12	ng #	83
61) 4-Nitroaniline	10.85	138	35187	34.42	ng	80
62) Azobenzene	11.00	77	146993	35.05	ng	85
64) 4,6-Dinitro-2-methylphenol	10.89	198	20810	45.24	ng #	47
65) n-Nitrosodiphenylamine	10.96	169	133112	36.04	ng	98
66) 4-Bromophenyl-phenylether	11.33	248	47917	39.45	ng #	85
67) Hexachlorobenzene	11.41	284	51143	39.28	ng #	83
68) Atrazine	11.47	200	40135	35.95	ng	91
69) Pentachlorophenol	11.61	266	48320	69.36	ng	98
70) Phenanthrene	11.84	178	256964	38.16	ng	100
71) Anthracene	11.88	178	243102	37.63	ng	100
72) Carbazole	12.04	167	226042	37.41	ng	99
73) Di-n-butylphthalate	12.37	149	242159	37.36	ng	99
74) Fluoranthene	13.09	202	269040	38.67	ng	98
76) Benzidine	13.21	184	168469	43.94	ng	99
77) Pyrene	13.34	202	287918	34.36	ng	100
79) Butylbenzylphthalate	14.05	149	105998	32.99	ng #	76
80) Benzo(a)anthracene	14.80	228	284146	35.92	ng	99
81) 3,3'-Dichlorobenzidine	14.74	252	61555	23.83	ng	99
82) Chrysene	14.84	228	266067	36.48	ng	99
83) Bis(2-ethylhexyl)phthalate	14.79	149	157995	34.93	ng	99
84) Di-n-octyl phthalate	15.64	149	257750	33.82	ng	100
85) Indeno(1,2,3-cd)pyrene	18.56	276	296789	36.19	ng	98
87) Benzo(b)fluoranthene	16.23	252	257688	32.87	ng	98
88) Benzo(k)fluoranthene	16.26	252	235223	31.86	ng	99
89) Benzo(a)pyrene	16.67	252	266414	37.29	ng	100
90) Dibenzo(a,h)anthracene	18.58	278	254221	37.93	ng #	96
91) Benzo(g,h,i)perylene	19.09	276	256317	36.65	ng	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.24 min Scan# 451

Delta R.T. -0.00 min

Lab File: BF080315.D

Acq: 2 Jul 2015 18:31

Instrument :

BNA_F

ClientSampleId :

PB84340BS

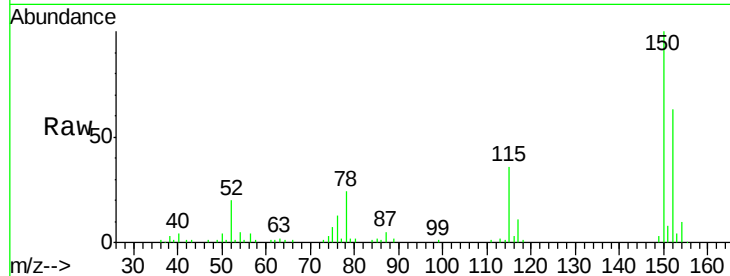
Tgt Ion:152 Resp: 31380

Ion Ratio Lower Upper

152 100

150 159.7 124.7 187.1

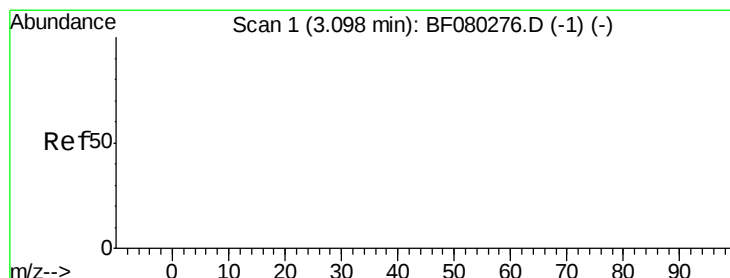
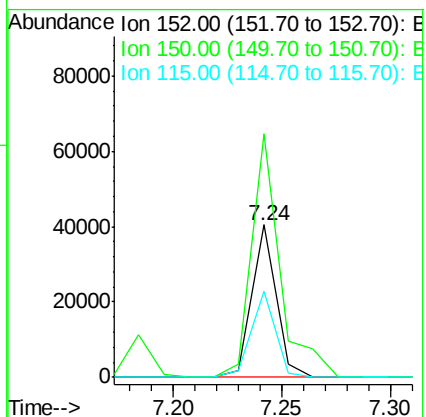
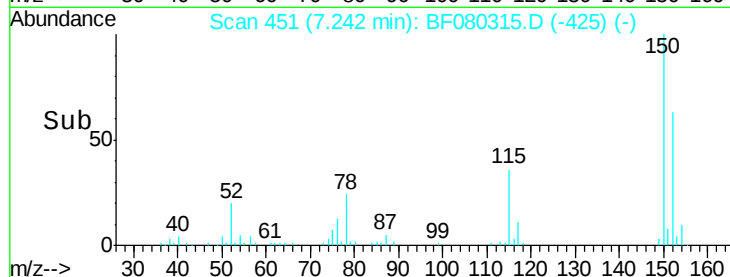
115 56.9 41.0 61.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 110.36 ng

RT: 3.06 min Scan# 85

Delta R.T. 0.02 min

Lab File: BF080315.D

Acq: 2 Jul 2015 18:31

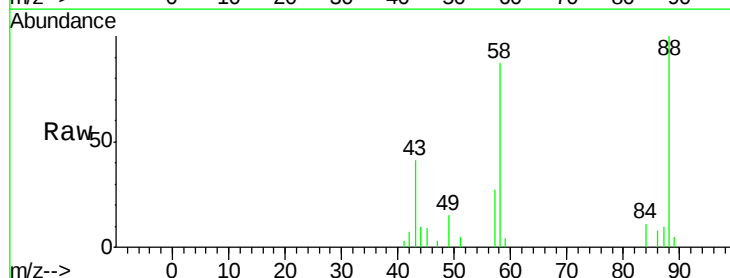
Tgt Ion: 88 Resp: 23998

Ion Ratio Lower Upper

88 100

58 84.9 0.0 0.0#

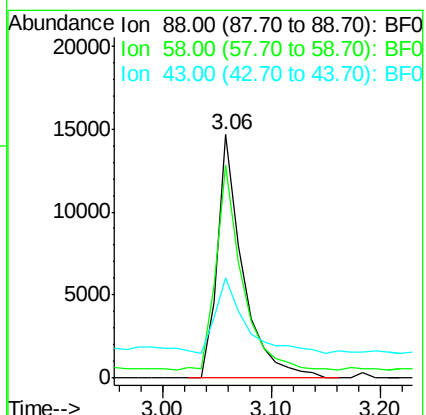
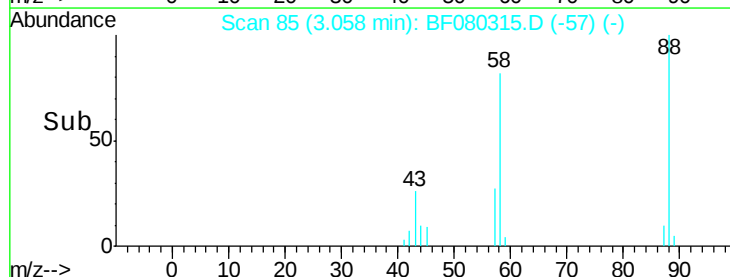
43 36.4 0.0 0.0#

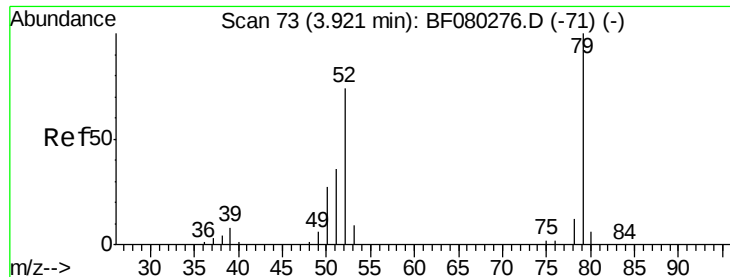


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 32.58 ng

RT: 3.90 min Scan# 159

Delta R.T. 0.02 min

Lab File: BF080315.D

Acq: 2 Jul 2015 18:31

Instrument :

BNA_F

ClientSampleId :

PB84340BS

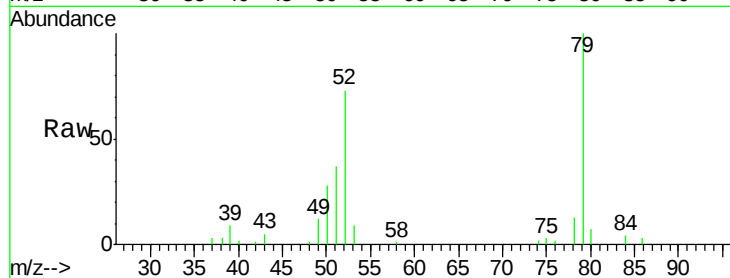
Tgt Ion: 79 Resp: 73074

Ion Ratio Lower Upper

79 100

52 73.3 59.3 88.9

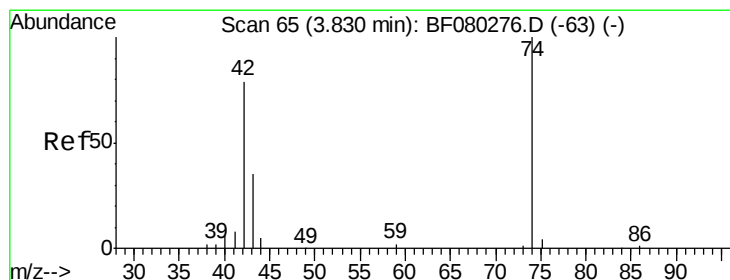
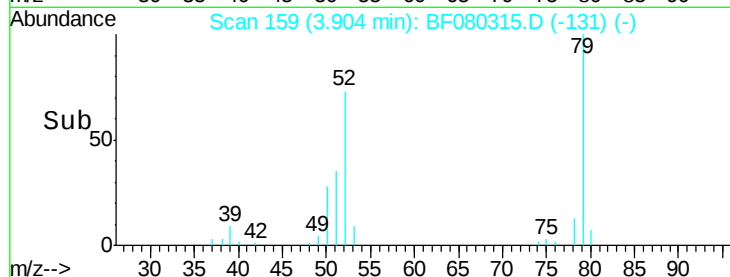
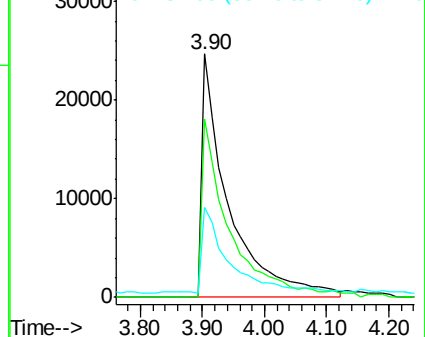
51 37.2 29.0 43.6



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 36.89 ng

RT: 3.80 min Scan# 150

Delta R.T. 0.01 min

Lab File: BF080315.D

Acq: 2 Jul 2015 18:31

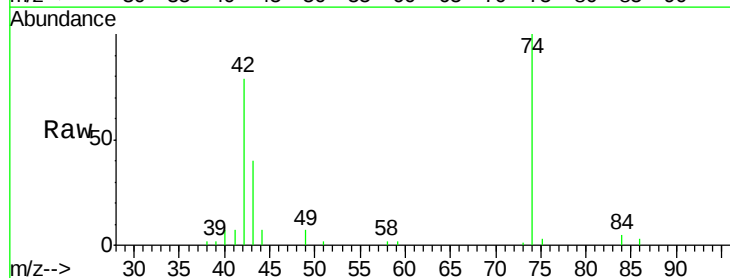
Tgt Ion: 42 Resp: 36853

Ion Ratio Lower Upper

42 100

74 126.4 101.4 152.2

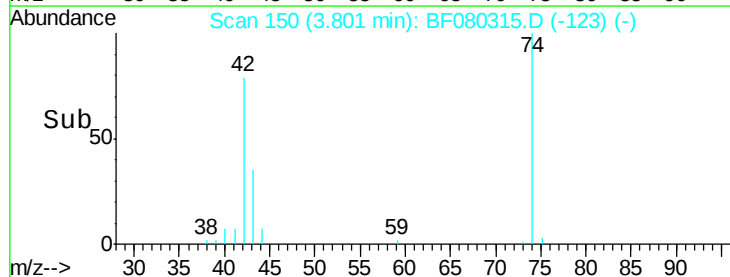
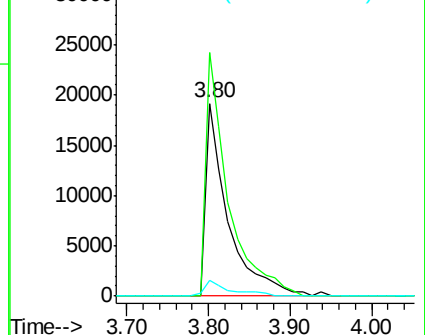
44 8.5 6.3 9.5

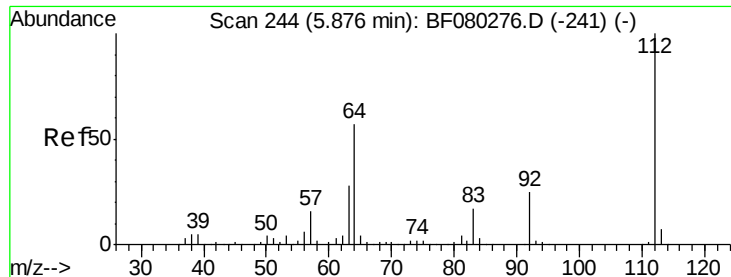


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 75.15 ng

RT: 5.85 min Scan# 329

Delta R.T. -0.00 min

Lab File: BF080315.D

Acq: 2 Jul 2015 18:31

Instrument :

BNA_F

ClientSampleId :

PB84340BS

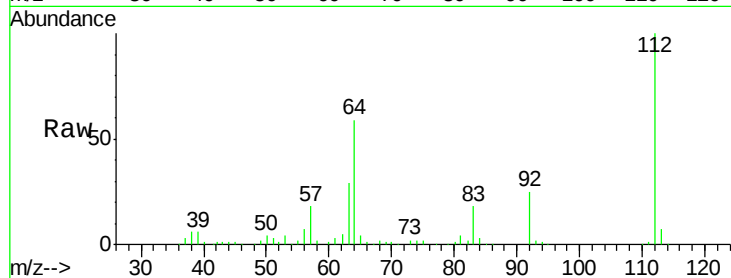
Tgt Ion: 112 Resp: 136175

Ion Ratio Lower Upper

112 100

64 59.2 45.5 68.3

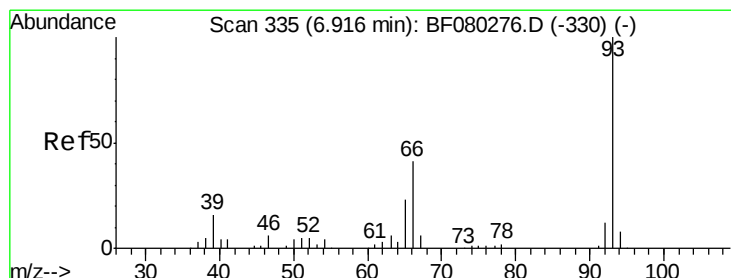
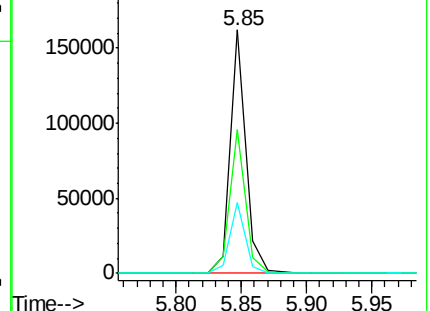
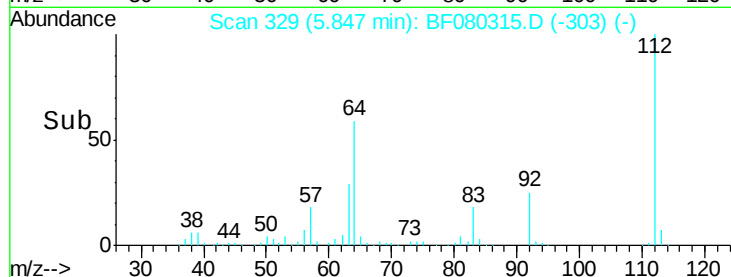
63 29.3 22.4 33.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 25.63 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.00 min

Lab File: BF080315.D

Acq: 2 Jul 2015 18:31

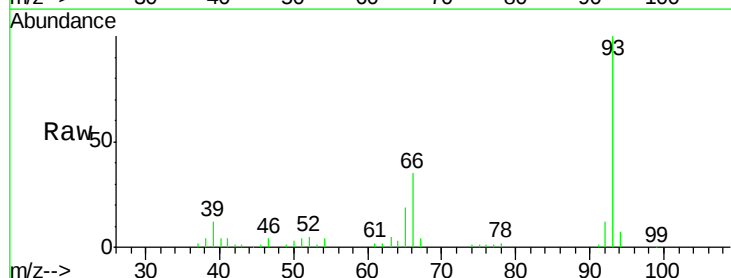
Tgt Ion: 93 Resp: 83377

Ion Ratio Lower Upper

93 100

66 35.1 33.7 50.5

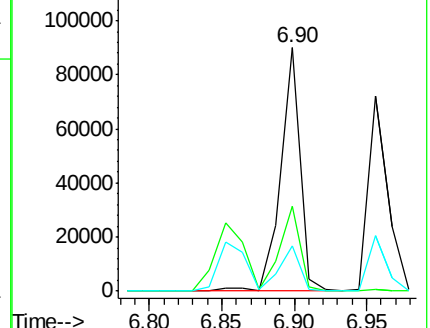
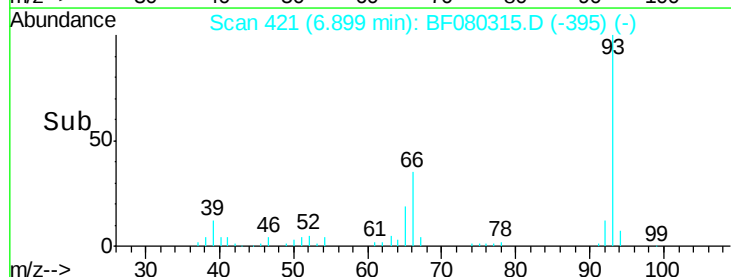
65 18.7 18.3 27.5

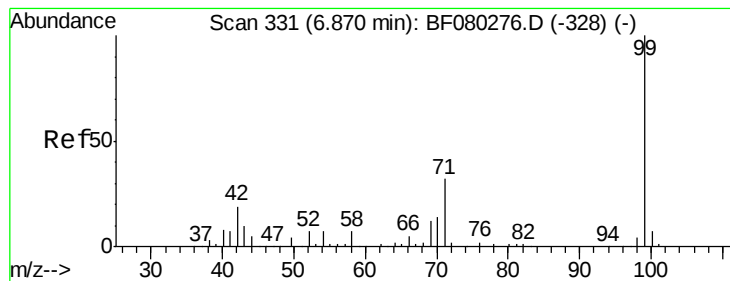


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 68.94 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.00 min

Lab File: BF080315.D

Acq: 2 Jul 2015 18:31

Instrument :

BNA_F

ClientSampleId :

PB84340BS

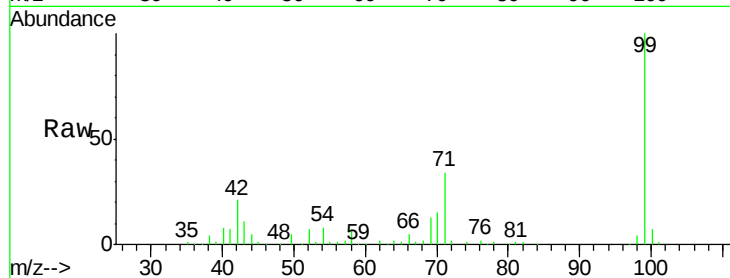
Tgt Ion: 99 Resp: 167693

Ion Ratio Lower Upper

99 100

42 21.5 15.4 23.2

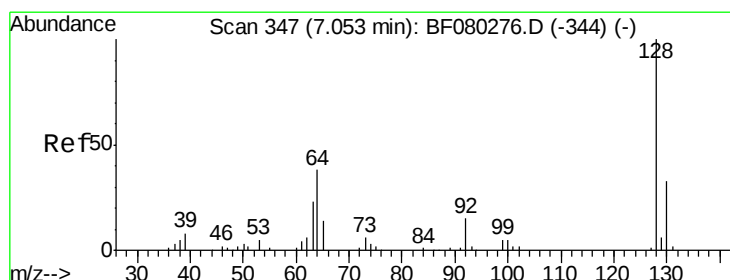
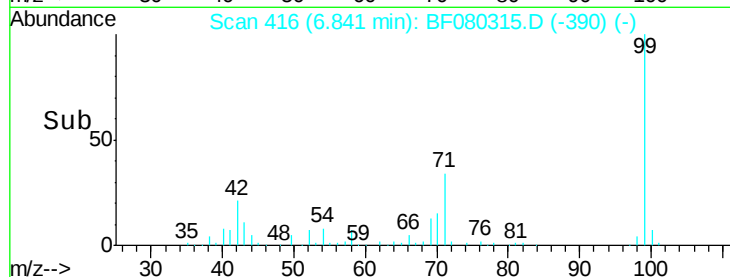
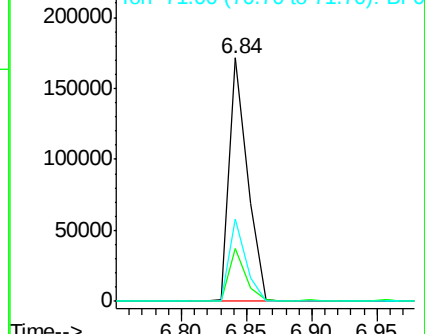
71 33.6 25.8 38.8



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 37.17 ng

RT: 7.02 min Scan# 432

Delta R.T. -0.00 min

Lab File: BF080315.D

Acq: 2 Jul 2015 18:31

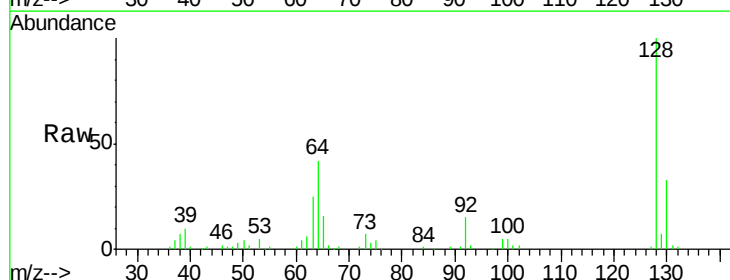
Tgt Ion: 128 Resp: 73986

Ion Ratio Lower Upper

128 100

130 32.9 13.4 53.4

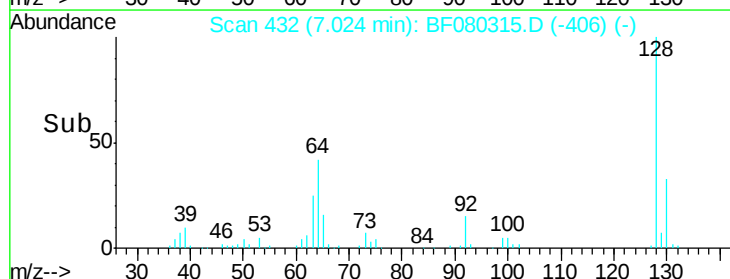
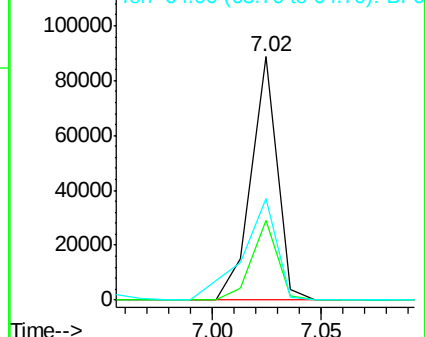
64 41.9 18.5 58.5

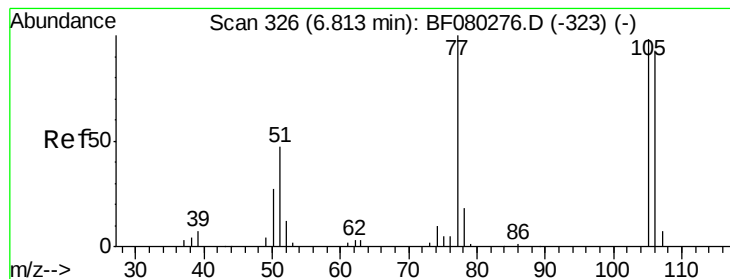


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 28.85 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.00 min

Lab File: BF080315.D

Acq: 2 Jul 2015 18:31

Instrument :

BNA_F

ClientSampleId :

PB84340BS

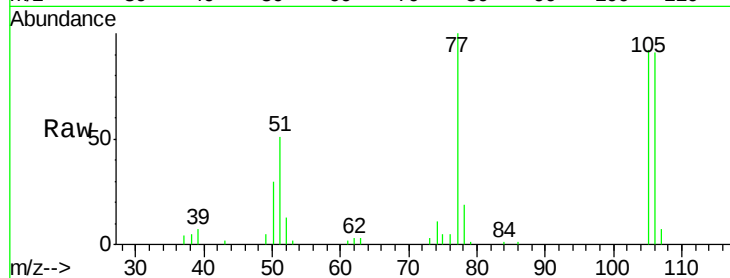
Tgt Ion: 77 Resp: 38355

Ion Ratio Lower Upper

77 100

105 92.3 78.2 118.2

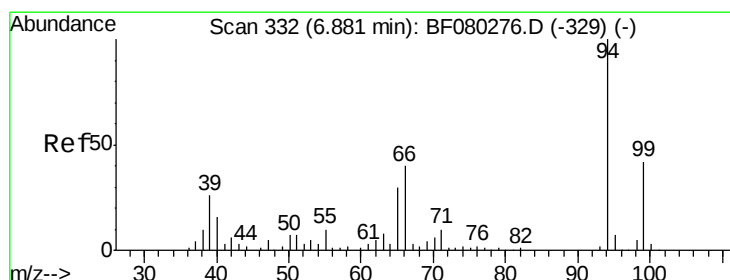
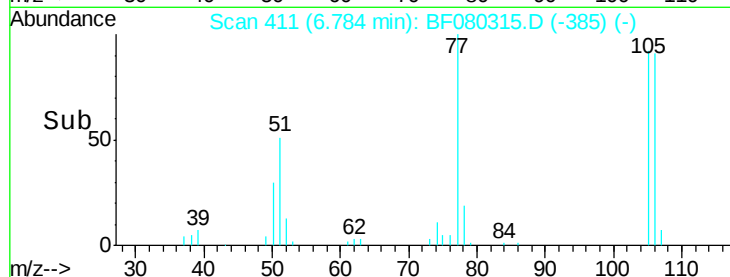
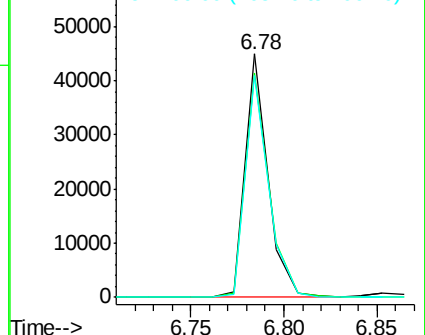
106 91.4 72.5 112.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 31.88 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.00 min

Lab File: BF080315.D

Acq: 2 Jul 2015 18:31

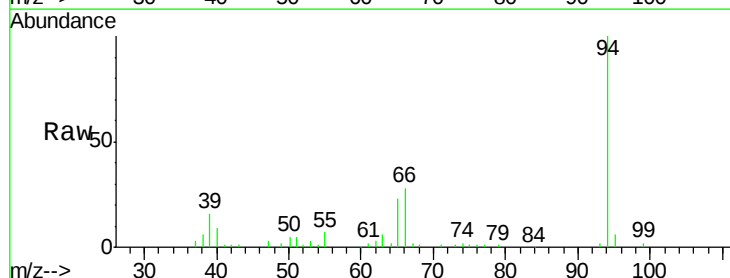
Tgt Ion: 94 Resp: 85785

Ion Ratio Lower Upper

94 100

65 22.6 9.6 49.6

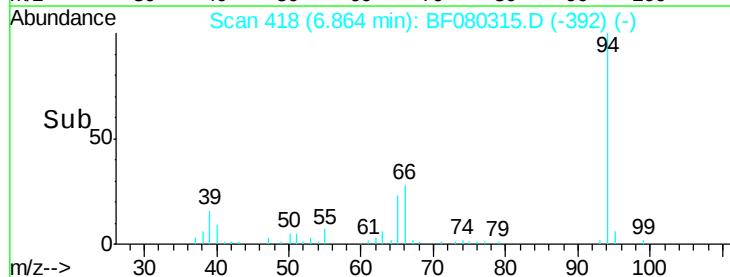
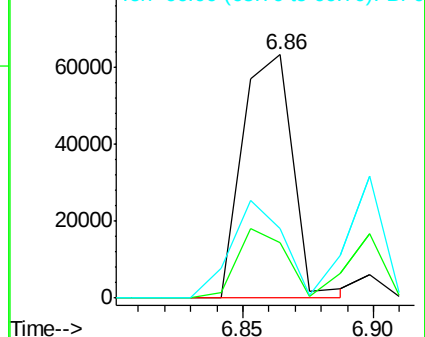
66 28.4 19.7 59.7

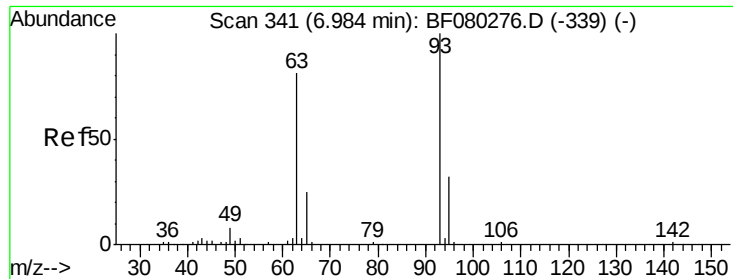


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

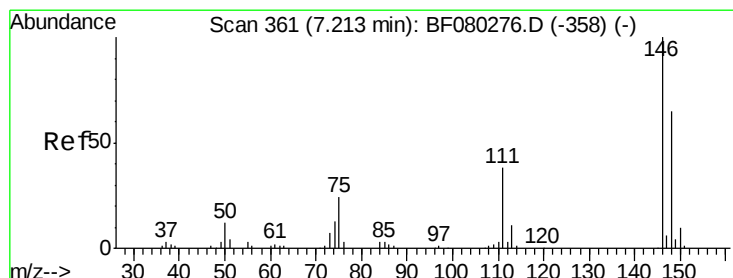
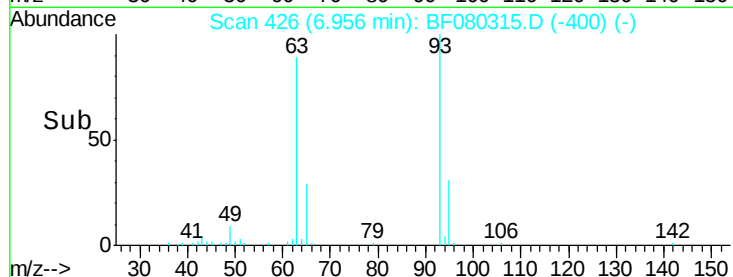
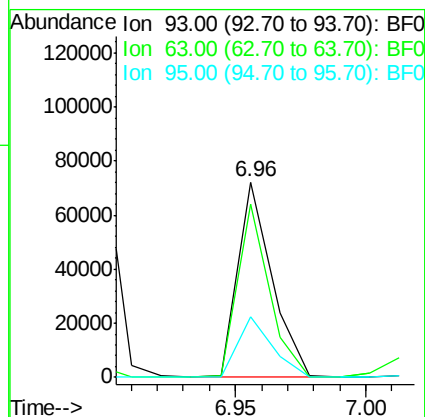
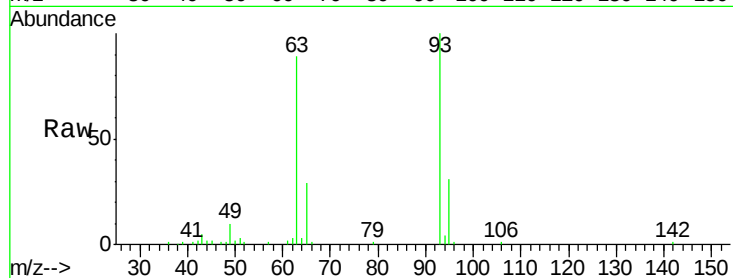




#11
bis(2-Chloroethyl)ether
Concen: 32.72 ng
RT: 6.96 min Scan# 426
Delta R.T. -0.00 min
Lab File: BF080315.D
Acq: 2 Jul 2015 18:31

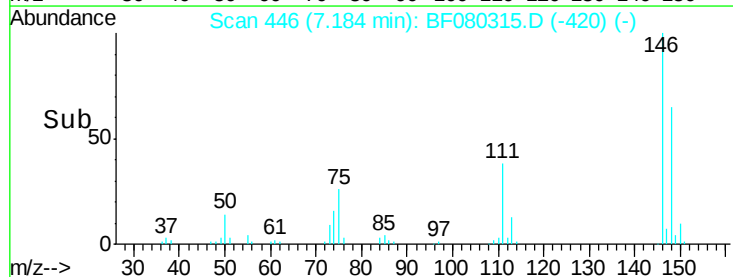
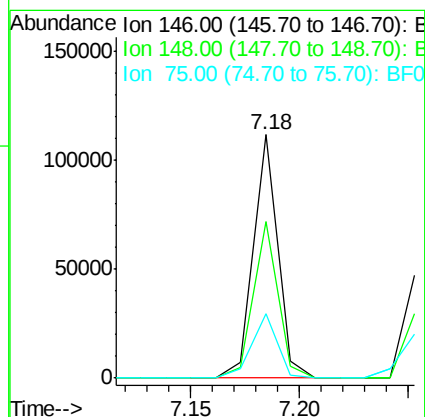
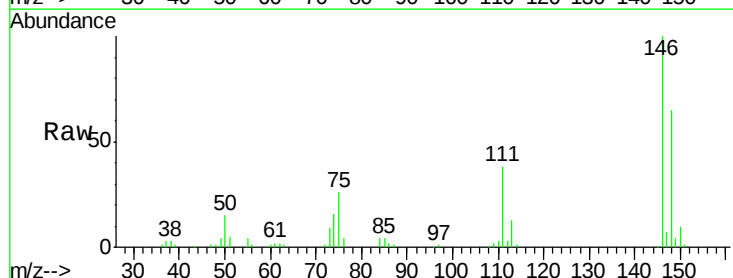
Instrument :
BNA_F
ClientSampleId :
PB84340BS

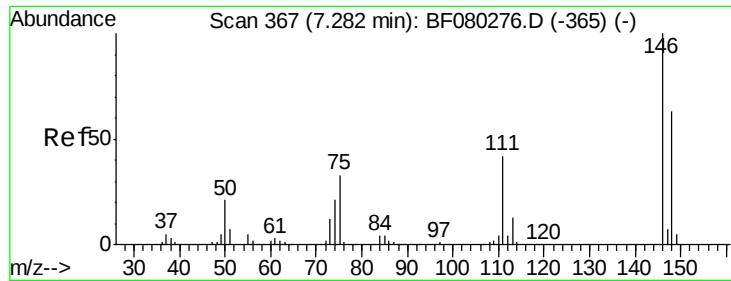
Tgt Ion: 93 Resp: 66583
Ion Ratio Lower Upper
93 100
63 88.9 61.0 101.0
95 31.2 12.0 52.0



#12
1,3-Dichlorobenzene
Concen: 35.83 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.00 min
Lab File: BF080315.D
Acq: 2 Jul 2015 18:31

Tgt Ion: 146 Resp: 87047
Ion Ratio Lower Upper
146 100
148 64.5 51.8 77.6
75 26.5 19.4 29.2

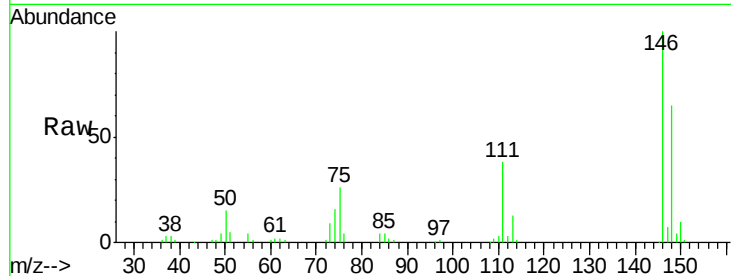




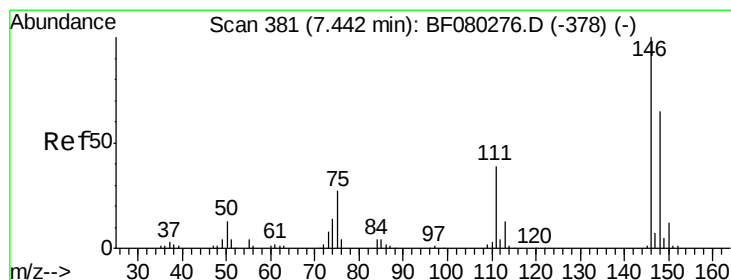
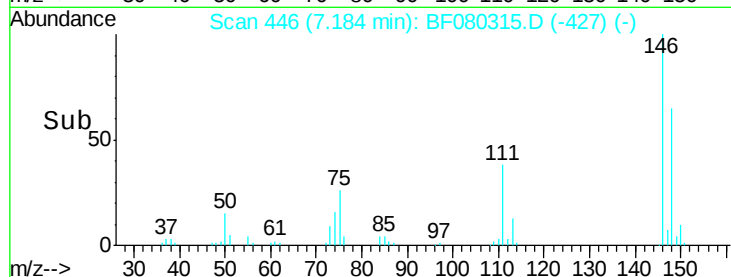
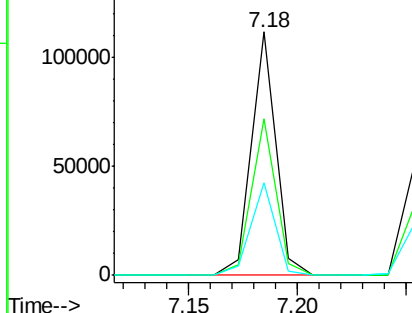
#13
 1,4-Dichlorobenzene
 Concen: 35.98 ng
 RT: 7.18 min Scan# 446
 Delta R.T. -0.08 min
 Lab File: BF080315.D
 Acq: 2 Jul 2015 18:31

Instrument :
 BNA_F
 ClientSampled :
 PB84340BS

Tgt Ion:146 Resp: 87047
 Ion Ratio Lower Upper
 146 100
 148 64.5 50.2 75.2
 111 38.3 33.8 50.8

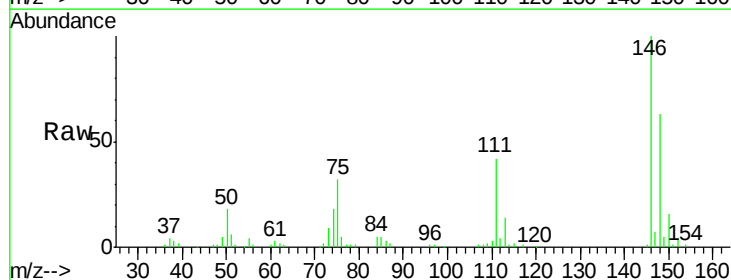


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

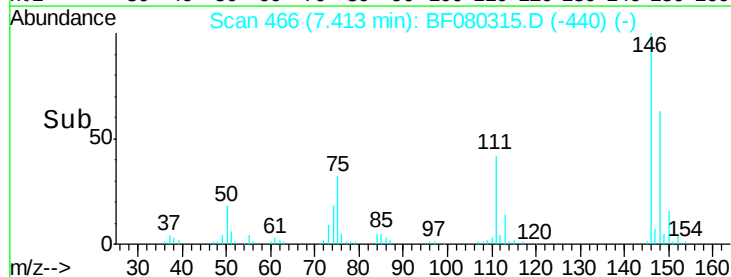
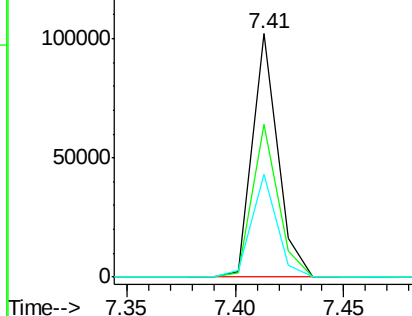


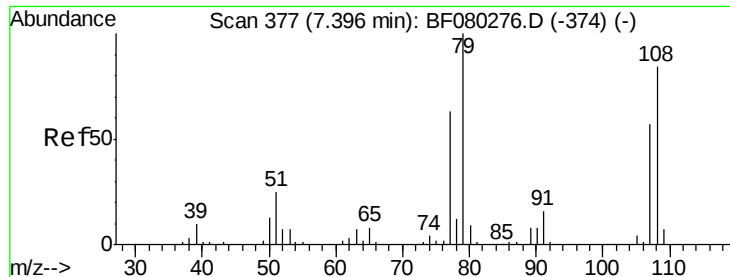
#14
 1,2-Dichlorobenzene
 Concen: 34.40 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.00 min
 Lab File: BF080315.D
 Acq: 2 Jul 2015 18:31

Tgt Ion:146 Resp: 82687
 Ion Ratio Lower Upper
 146 100
 148 62.7 52.2 78.4
 111 42.4 31.6 47.4



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





#15

Benzyl Alcohol

Concen: 35.82 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.00 min

Lab File: BF080315.D

Acq: 2 Jul 2015 18:31

Instrument :

BNA_F

ClientSampleId :

PB84340BS

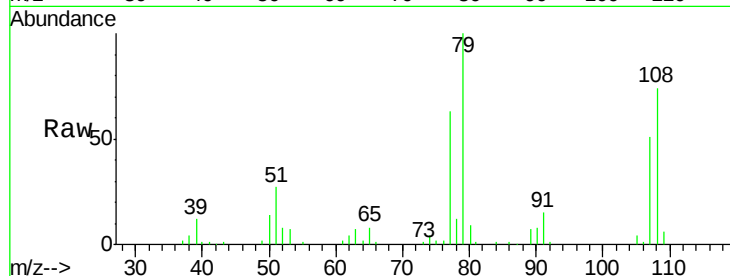
Tgt Ion: 79 Resp: 67083

Ion Ratio Lower Upper

79 100

108 73.7 67.1 100.7

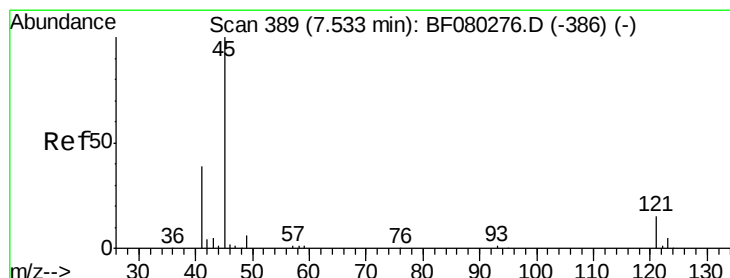
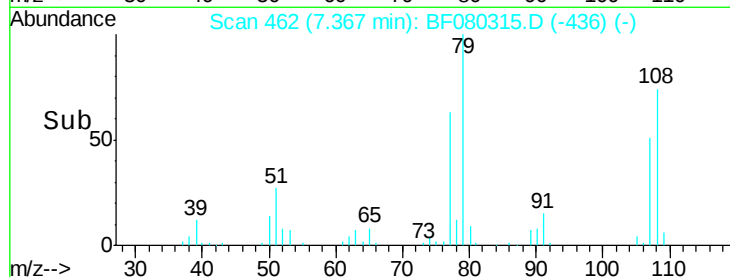
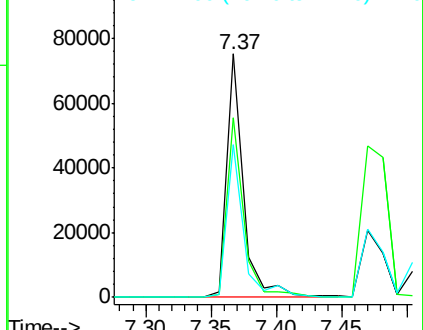
77 62.7 50.7 76.1



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.18 ng

RT: 7.50 min Scan# 474

Delta R.T. -0.01 min

Lab File: BF080315.D

Acq: 2 Jul 2015 18:31

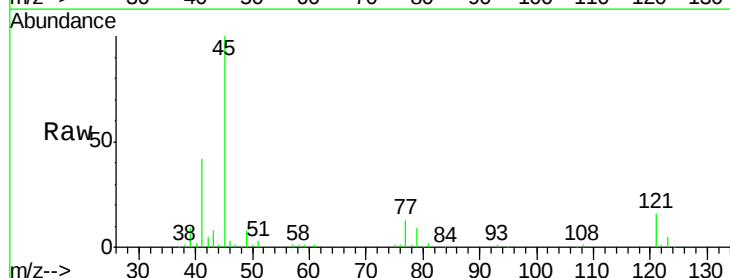
Tgt Ion: 45 Resp: 106727

Ion Ratio Lower Upper

45 100

77 12.7 0.0 32.0

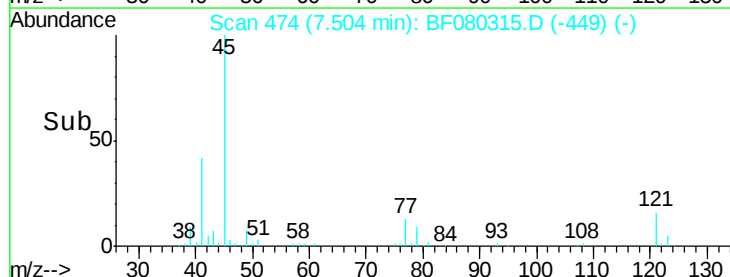
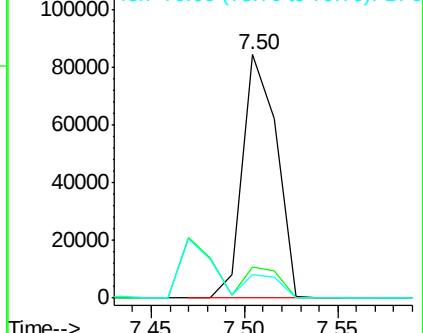
79 9.5 0.0 29.3

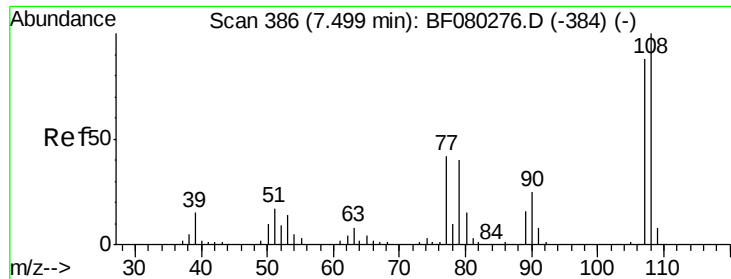


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

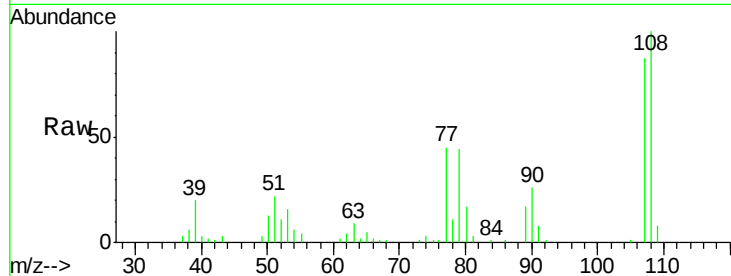




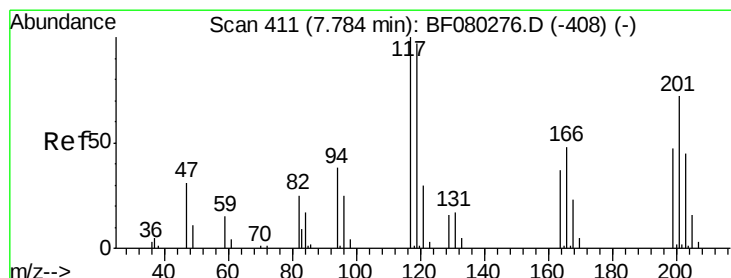
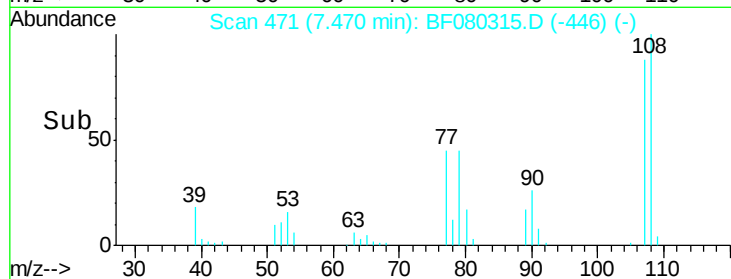
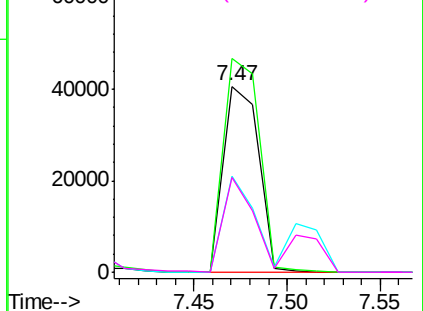
#17
 2-Methylphenol
 Concen: 31.31 ng
 RT: 7.47 min Scan# 471
 Delta R.T. -0.01 min
 Lab File: BF080315.D
 Acq: 2 Jul 2015 18:31

Instrument :
 BNA_F
 ClientSampleId :
 PB84340BS

Tgt Ion:107 Resp: 53877
 Ion Ratio Lower Upper
 107 100
 108 114.8 90.6 136.0
 77 51.5 38.0 57.0
 79 50.9 36.4 54.6

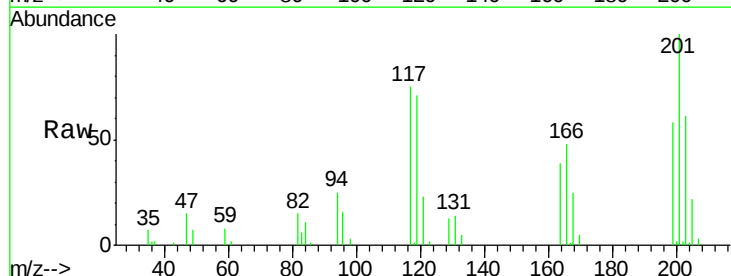


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 77.00 (76.70 to 77.70): BF0
 Ion 79.00 (78.70 to 79.70): BF0

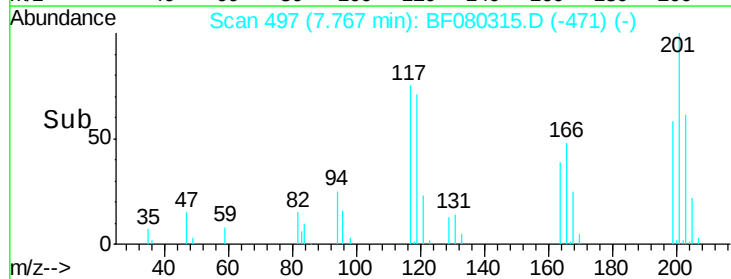
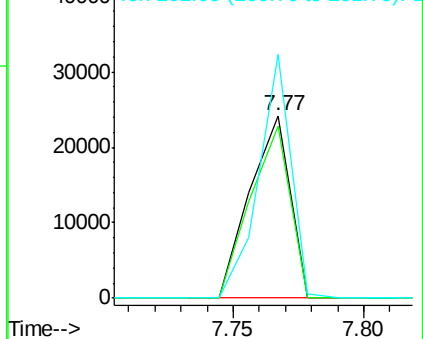


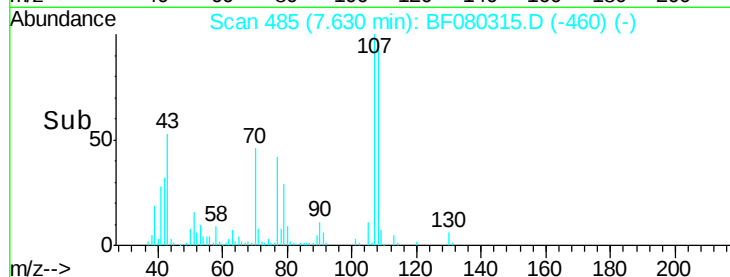
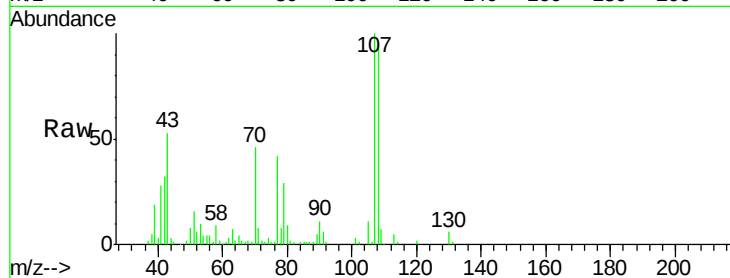
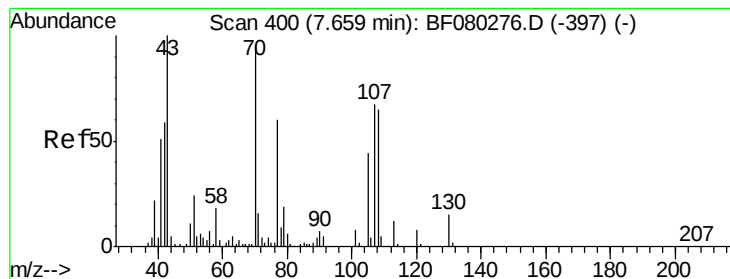
#18
 Hexachloroethane
 Concen: 34.76 ng
 RT: 7.77 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: BF080315.D
 Acq: 2 Jul 2015 18:31

Tgt Ion:117 Resp: 26253
 Ion Ratio Lower Upper
 117 100
 119 94.4 77.3 115.9
 201 133.3 57.5 86.3#



Abundance Ion 117.00 (116.70 to 117.70): E
 Ion 119.00 (118.70 to 119.70): E
 Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 28.76 ng

RT: 7.63 min Scan# 485

Delta R.T. -0.01 min

Lab File: BF080315.D

Acq: 2 Jul 2015 18:31

Instrument :

BNA_F

ClientSampleId :

PB84340BS

Tgt Ion: 70 Resp: 46519

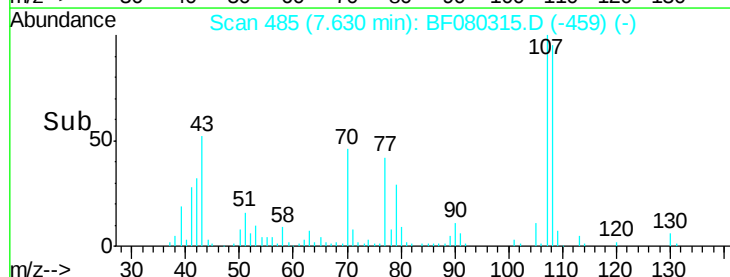
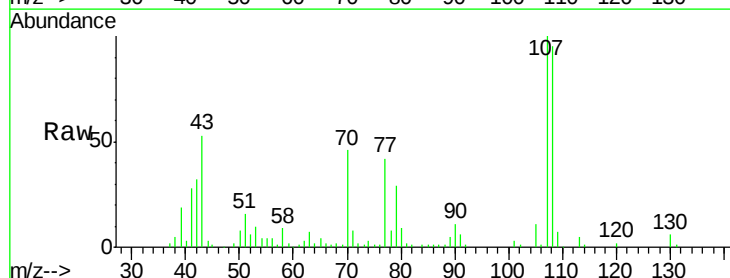
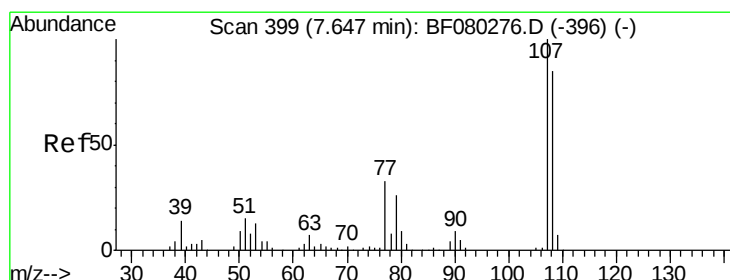
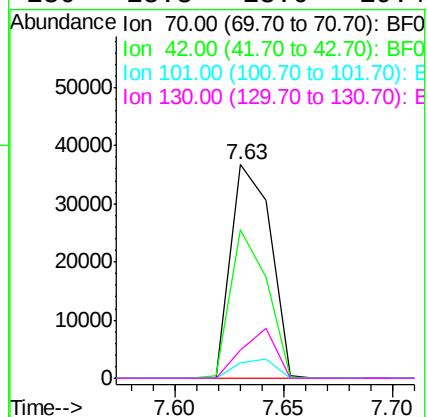
Ion Ratio Lower Upper

70 100

42 69.7 49.8 74.8

101 7.3 6.8 10.2

130 13.3 13.0 19.4



#20

3+4-Methylphenols

Concen: 33.95 ng

RT: 7.63 min Scan# 485

Delta R.T. -0.00 min

Lab File: BF080315.D

Acq: 2 Jul 2015 18:31

Tgt Ion: 107 Resp: 77597

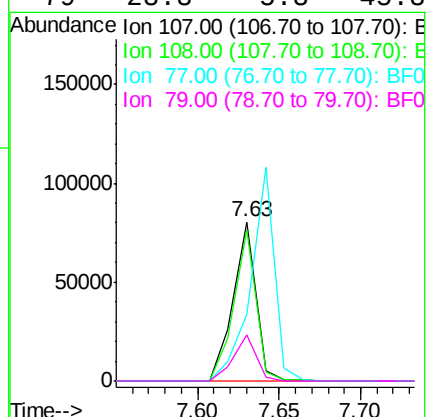
Ion Ratio Lower Upper

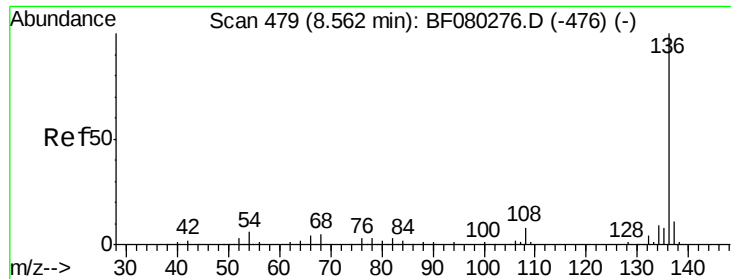
107 100

108 95.3 64.9 104.9

77 42.0 12.9 52.9

79 28.8 5.8 45.8

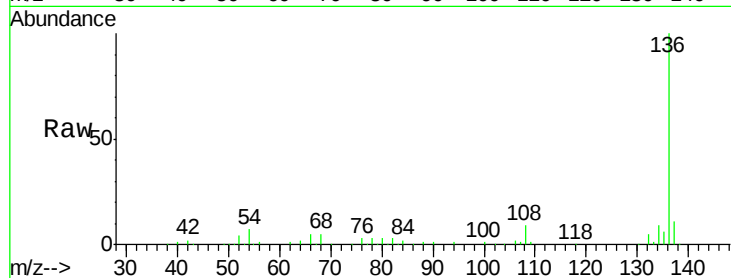




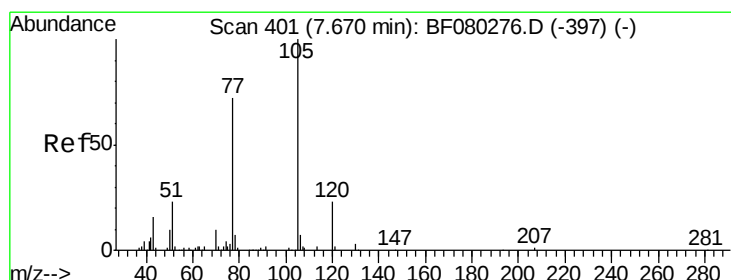
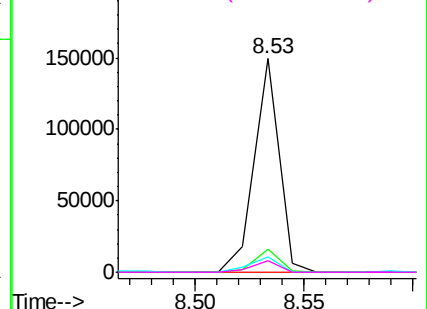
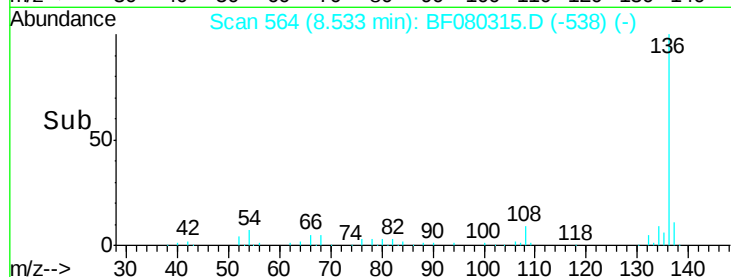
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.53 min Scan# 564
Delta R.T. -0.00 min
Lab File: BF080315.D
Acq: 2 Jul 2015 18:31

Instrument :
BNA_F
ClientSampleId :
PB84340BS

Tgt Ion:	136	Resp:	119015
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.4	12.6
54	7.5	4.9	7.3#
68	5.3	4.0	6.0

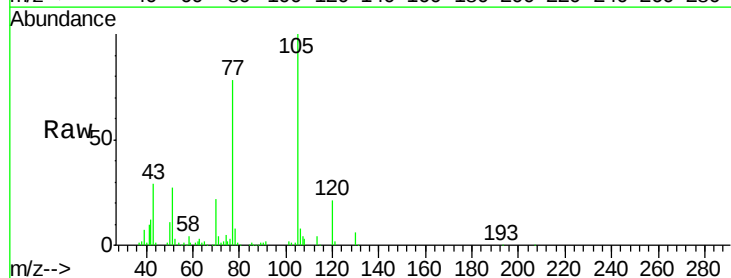


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

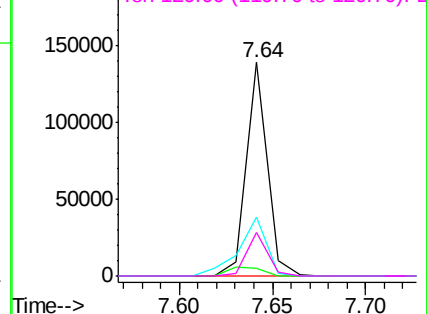
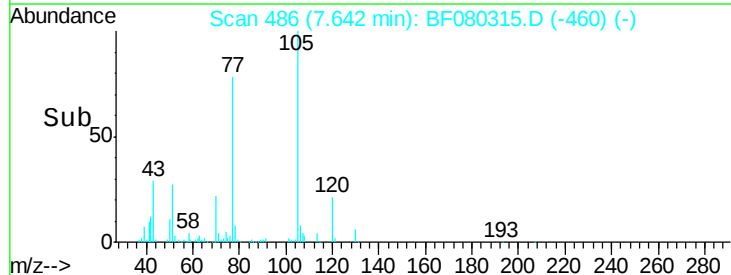


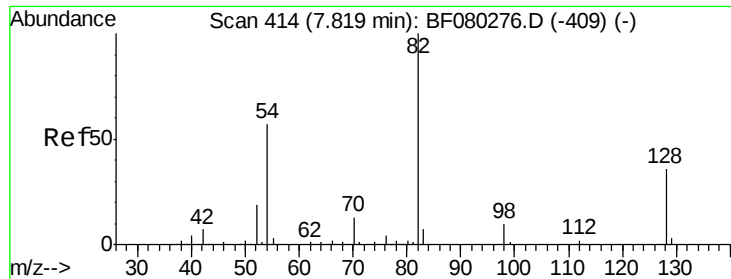
#22
Acetophenone
Concen: 39.00 ng
RT: 7.64 min Scan# 486
Delta R.T. -0.00 min
Lab File: BF080315.D
Acq: 2 Jul 2015 18:31

Tgt Ion:	105	Resp:	108450
Ion	Ratio	Lower	Upper
105	100		
71	3.8	1.4	2.0#
51	27.5	18.5	27.7
120	20.5	18.1	27.1



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

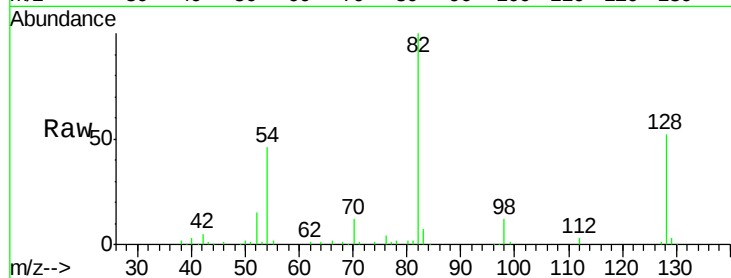




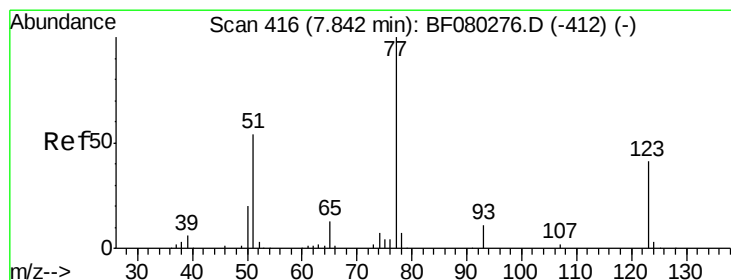
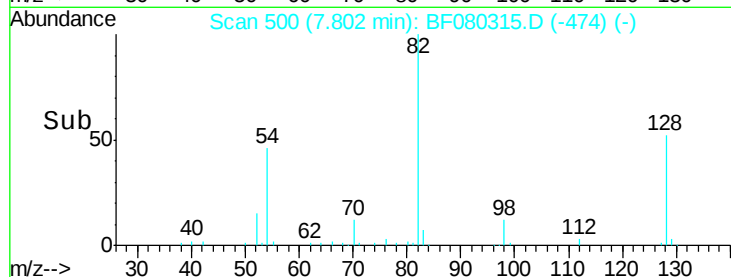
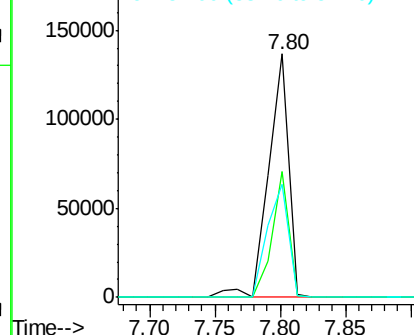
#23
 Nitrobenzene-d5
 Concen: 68.51 ng
 RT: 7.80 min Scan# 500
 Delta R.T. -0.00 min
 Lab File: BF080315.D
 Acq: 2 Jul 2015 18:31

Instrument :
 BNA_F
 ClientSampleId :
 PB84340BS

Tgt Ion: 82 Resp: 148099
 Ion Ratio Lower Upper
 82 100
 128 51.5 29.0 43.4#
 54 46.5 45.3 67.9

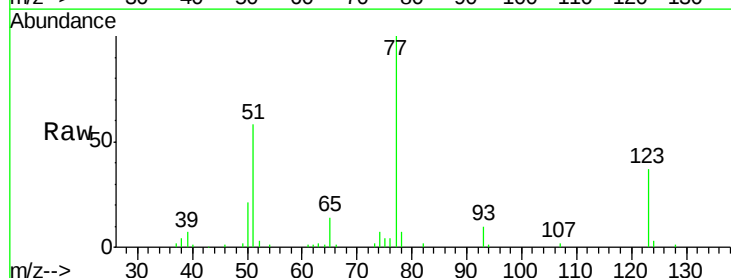


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

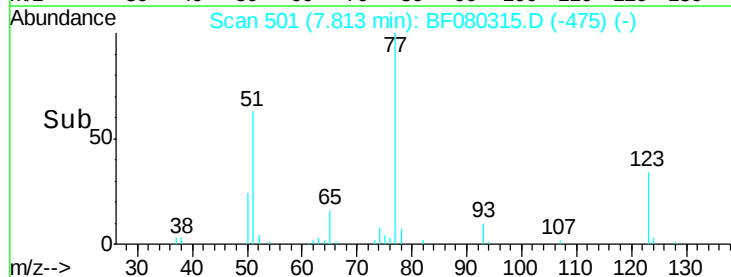
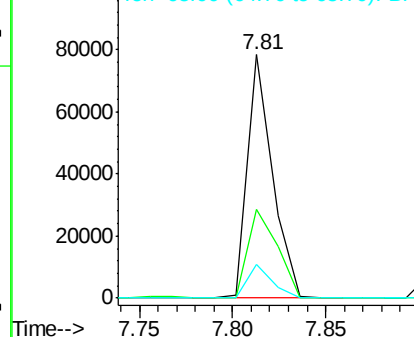


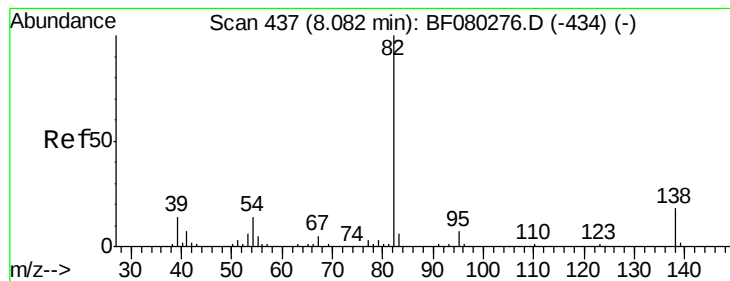
#24
 Nitrobenzene
 Concen: 32.60 ng
 RT: 7.81 min Scan# 501
 Delta R.T. -0.00 min
 Lab File: BF080315.D
 Acq: 2 Jul 2015 18:31

Tgt Ion: 77 Resp: 73070
 Ion Ratio Lower Upper
 77 100
 123 36.5 33.0 49.6
 65 14.0 10.6 15.8



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





#25

Isophorone

Concen: 34.03 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.00 min

Lab File: BF080315.D

Acq: 2 Jul 2015 18:31

Instrument :

BNA_F

ClientSampleId :

PB84340BS

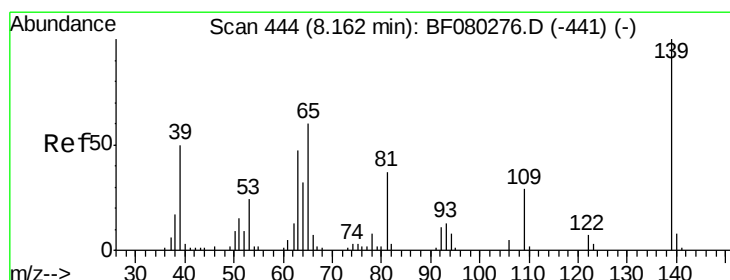
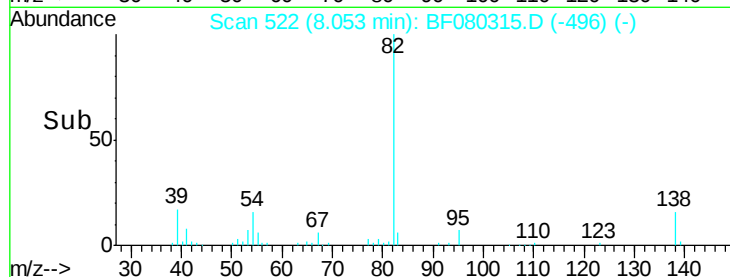
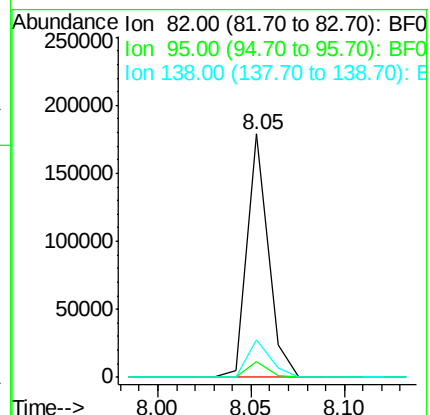
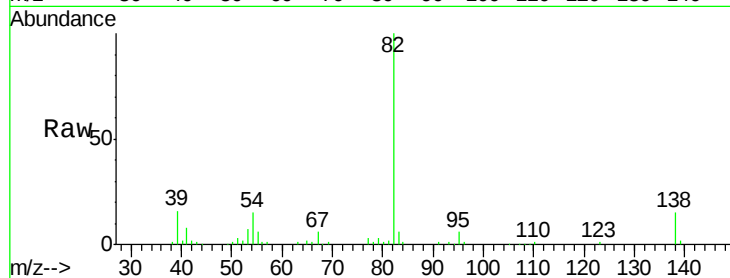
Tgt Ion: 82 Resp: 142980

Ion Ratio Lower Upper

82 100

95 6.5 5.3 7.9

138 15.5 14.4 21.6



#26

2-Nitrophenol

Concen: 32.59 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.00 min

Lab File: BF080315.D

Acq: 2 Jul 2015 18:31

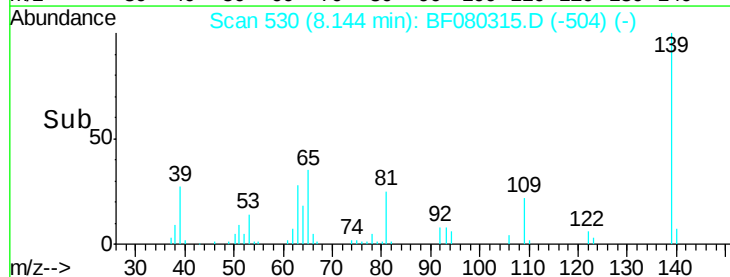
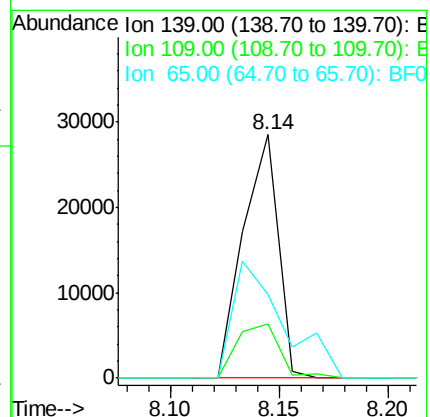
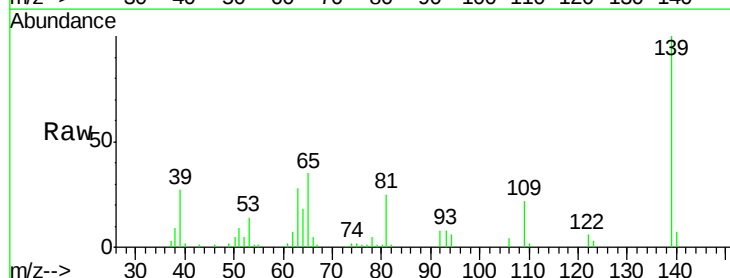
Tgt Ion: 139 Resp: 31903

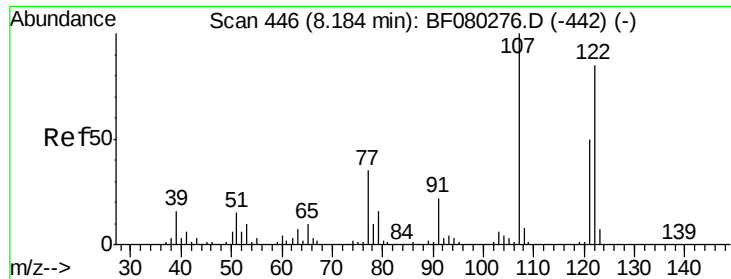
Ion Ratio Lower Upper

139 100

109 22.3 23.1 34.7#

65 34.6 47.6 71.4#

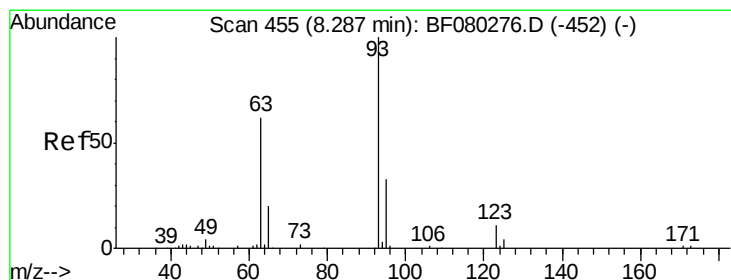
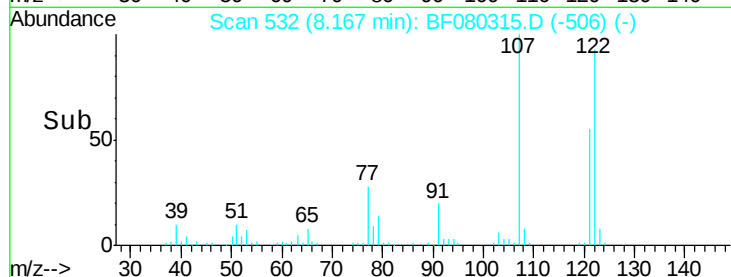
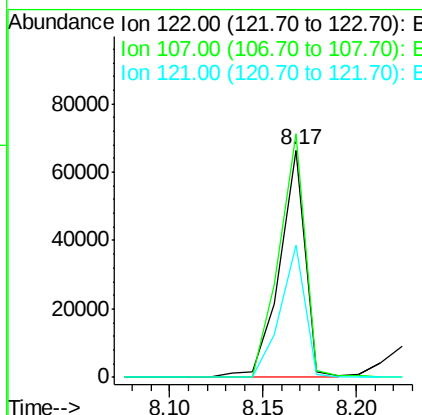
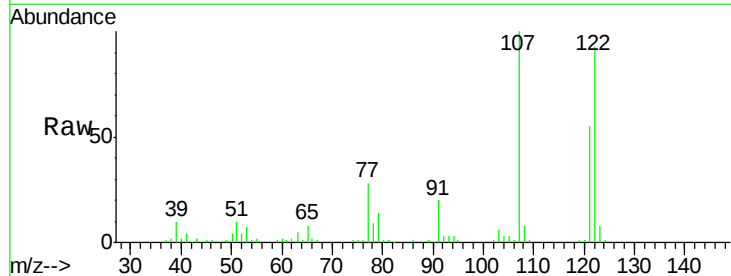




#27
 2,4-Dimethylphenol
 Concen: 35.54 ng
 RT: 8.17 min Scan# 532
 Delta R.T. -0.00 min
 Lab File: BF080315.D
 Acq: 2 Jul 2015 18:31

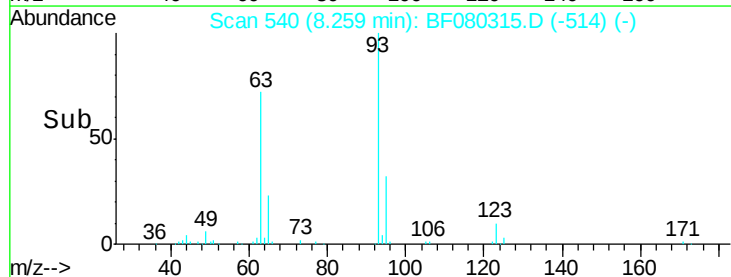
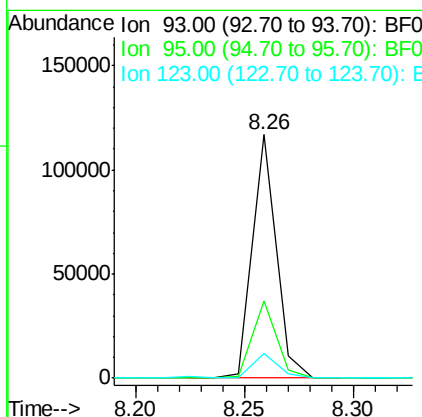
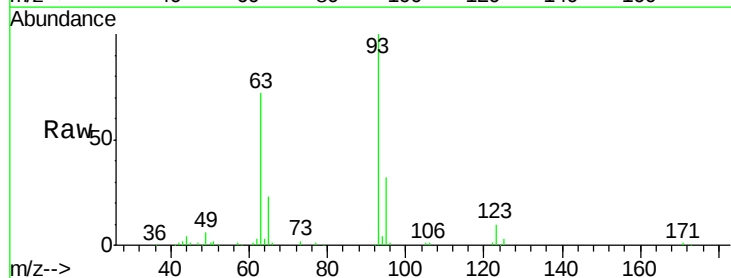
Instrument :
 BNA_F
 ClientSampleId :
 PB84340BS

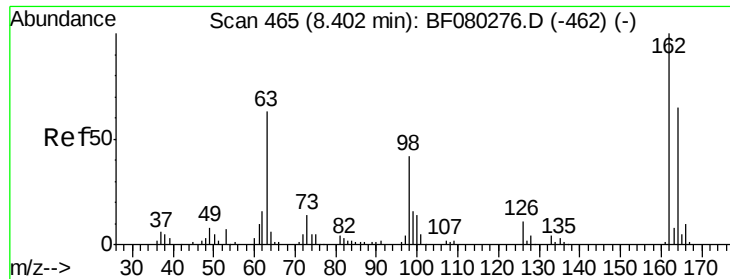
Tgt Ion: 122 Resp: 63857
 Ion Ratio Lower Upper
 122 100
 107 107.0 93.7 140.5
 121 58.4 46.9 70.3



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.24 ng
 RT: 8.26 min Scan# 540
 Delta R.T. -0.00 min
 Lab File: BF080315.D
 Acq: 2 Jul 2015 18:31

Tgt Ion: 93 Resp: 88851
 Ion Ratio Lower Upper
 93 100
 95 31.9 26.6 39.8
 123 10.2 9.2 13.8

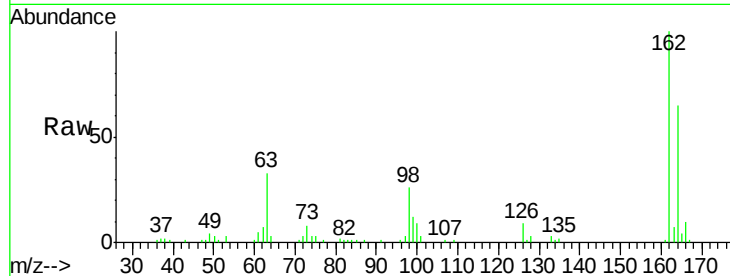




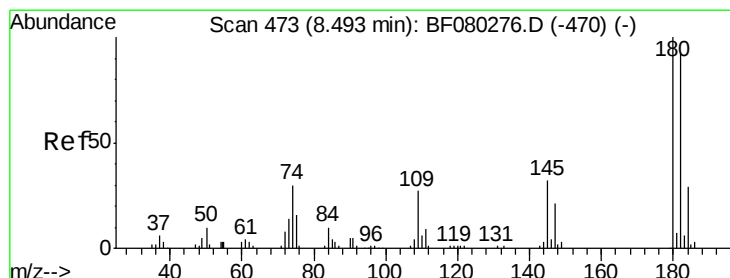
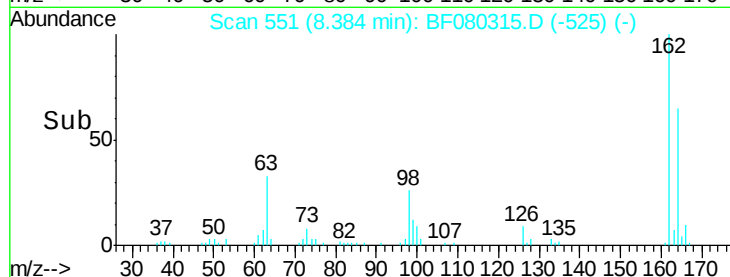
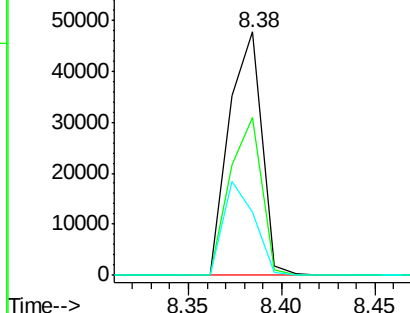
#29
 2,4-Dichlorophenol
 Concen: 35.13 ng
 RT: 8.38 min Scan# 551
 Delta R.T. -0.00 min
 Lab File: BF080315.D
 Acq: 2 Jul 2015 18:31

Instrument :
 BNA_F
 ClientSampleId :
 PB84340BS

Tgt Ion:162 Resp: 58296
 Ion Ratio Lower Upper
 162 100
 164 64.6 44.6 84.6
 98 25.9 21.7 61.7

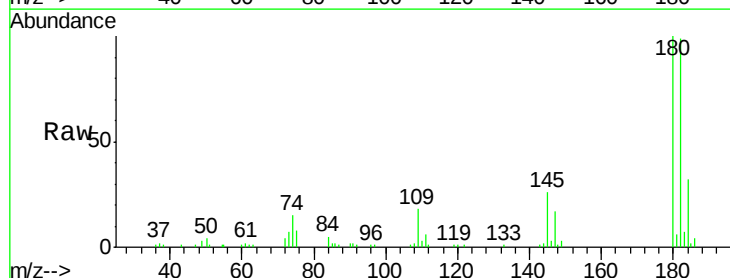


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

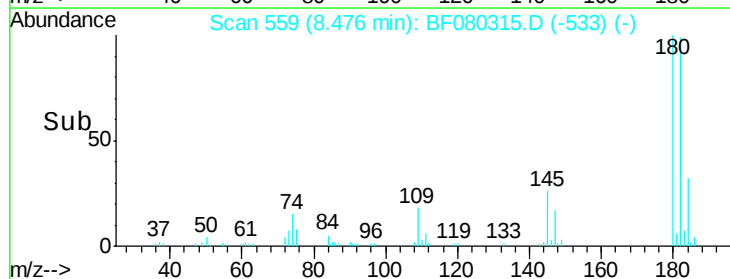
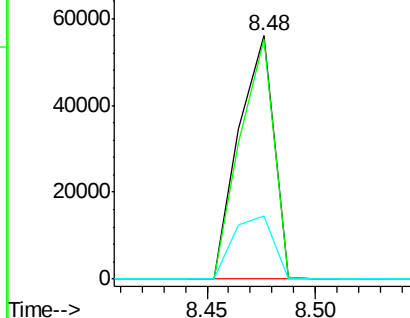


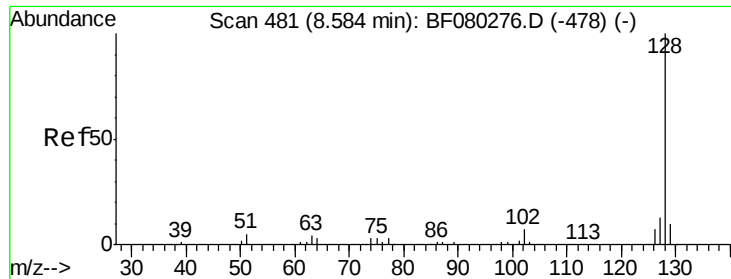
#30
 1,2,4-Trichlorobenzene
 Concen: 32.24 ng
 RT: 8.48 min Scan# 559
 Delta R.T. -0.00 min
 Lab File: BF080315.D
 Acq: 2 Jul 2015 18:31

Tgt Ion:180 Resp: 62415
 Ion Ratio Lower Upper
 180 100
 182 98.6 73.8 110.6
 145 26.0 25.6 38.4



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

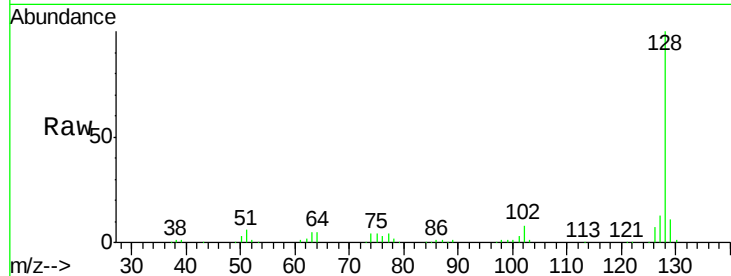




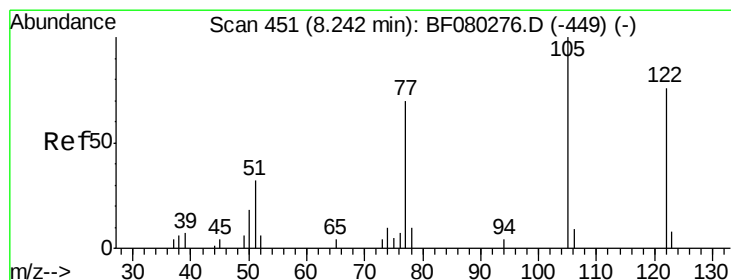
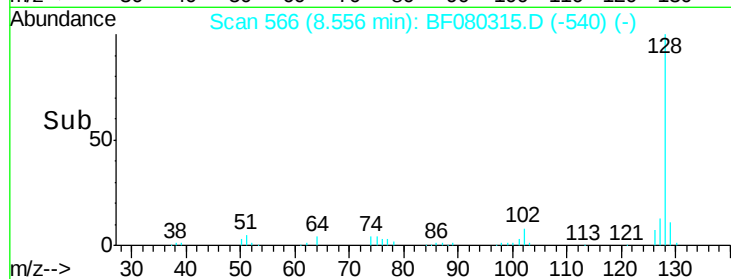
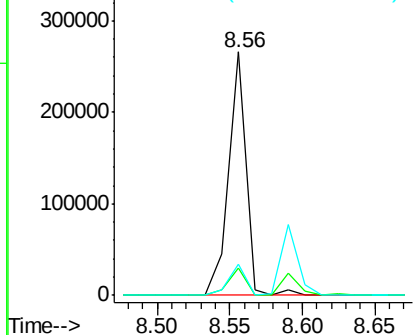
#31
Naphthalene
Concen: 36.85 ng
RT: 8.56 min Scan# 566
Delta R.T. -0.00 min
Lab File: BF080315.D
Acq: 2 Jul 2015 18:31

Instrument :
BNA_F
ClientSampleId :
PB84340BS

Tgt Ion:128 Resp: 223412
Ion Ratio Lower Upper
128 100
129 11.0 8.2 12.4
127 12.9 10.4 15.6

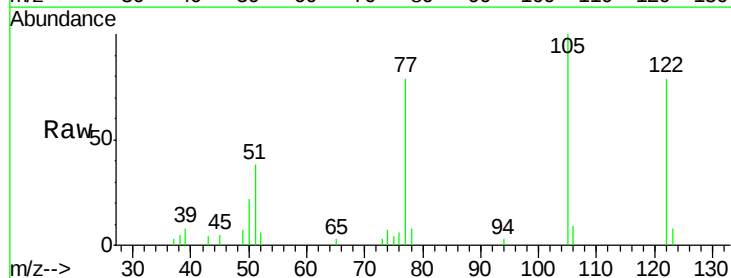


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

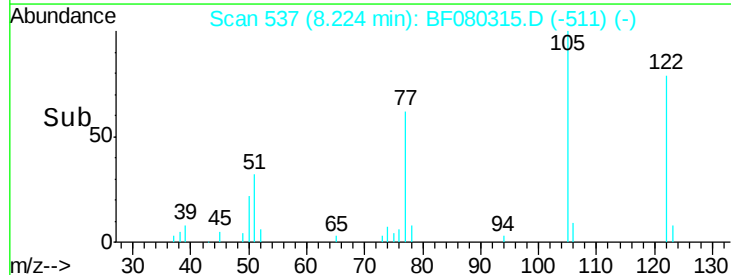
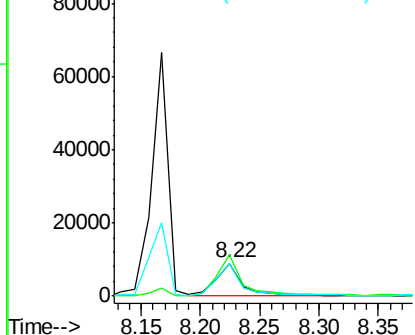


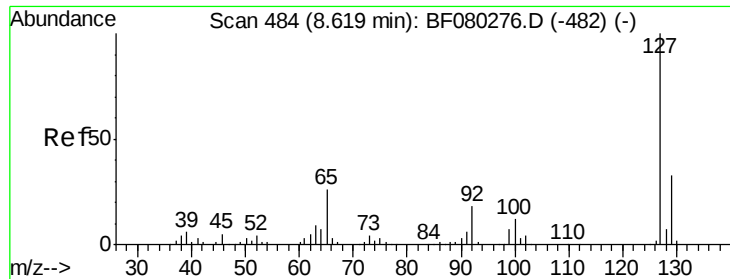
#32
Benzoic acid
Concen: 33.94 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.00 min
Lab File: BF080315.D
Acq: 2 Jul 2015 18:31

Tgt Ion:122 Resp: 13957
Ion Ratio Lower Upper
122 100
105 126.1 103.3 143.3
77 99.6 71.5 111.5



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

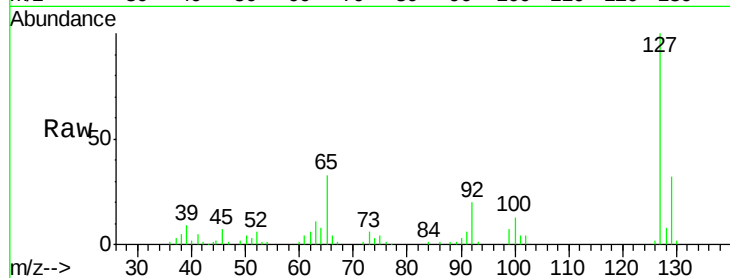




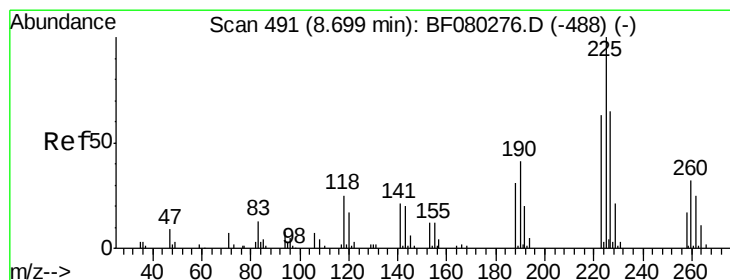
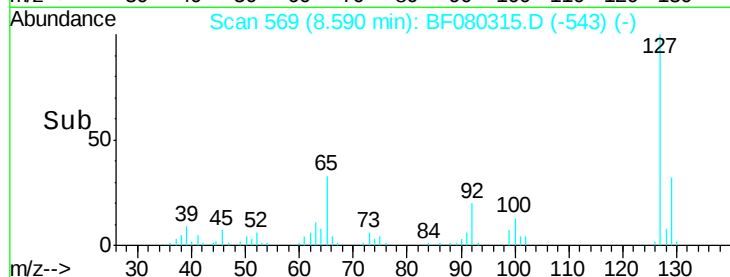
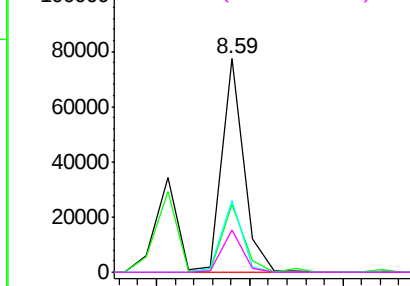
#33
4-Chloroaniline
Concen: 24.54 ng
RT: 8.59 min Scan# 569
Delta R.T. -0.00 min
Lab File: BF080315.D
Acq: 2 Jul 2015 18:31

Instrument :
BNA_F
ClientSampleId :
PB84340BS

Tgt Ion:	127	Resp:	63112
Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.4	39.6
65	33.3	21.0	31.6#
92	19.8	14.1	21.1

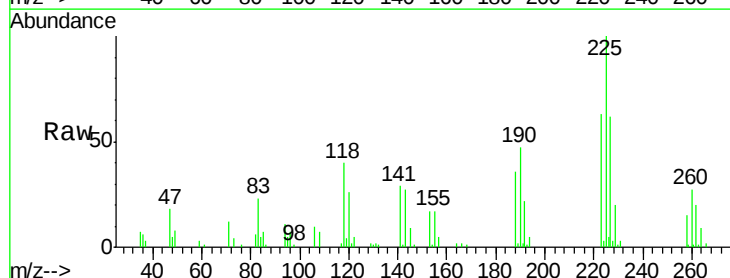


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

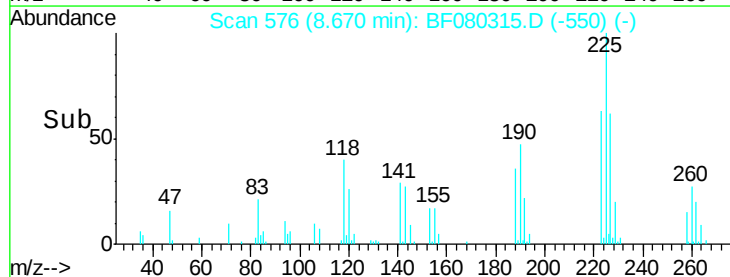
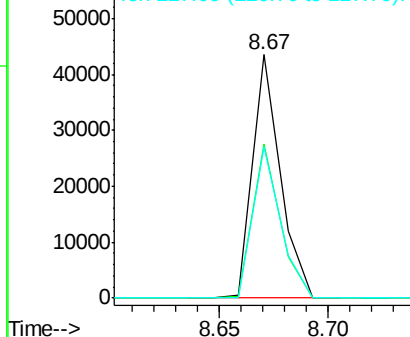


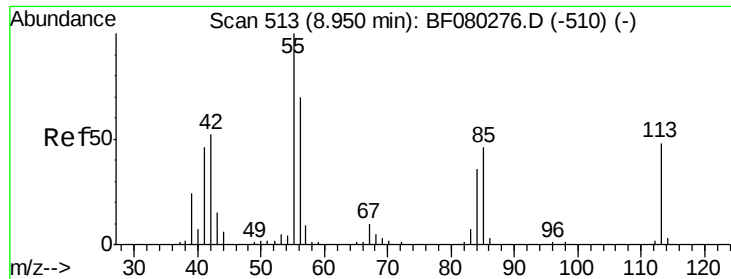
#34
Hexachlorobutadiene
Concen: 31.53 ng
RT: 8.67 min Scan# 576
Delta R.T. -0.00 min
Lab File: BF080315.D
Acq: 2 Jul 2015 18:31

Tgt Ion:	225	Resp:	38447
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.5	75.7
227	62.1	51.8	77.8



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

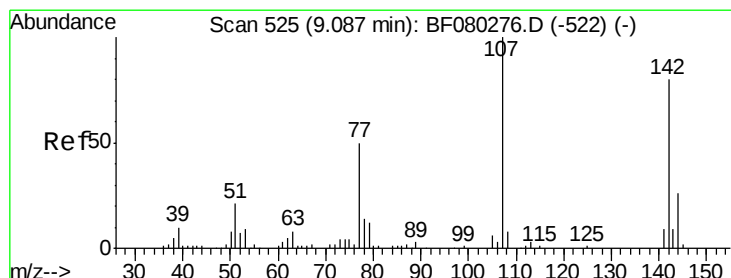
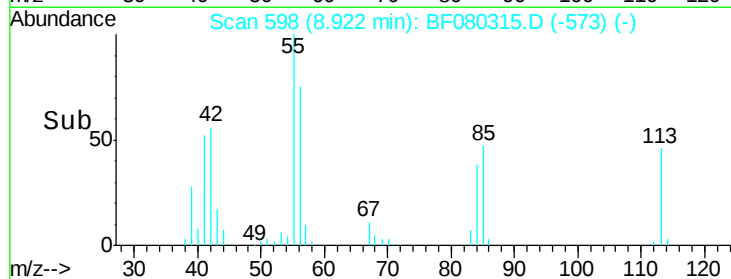
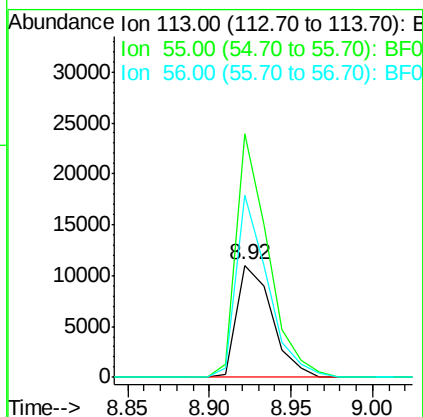
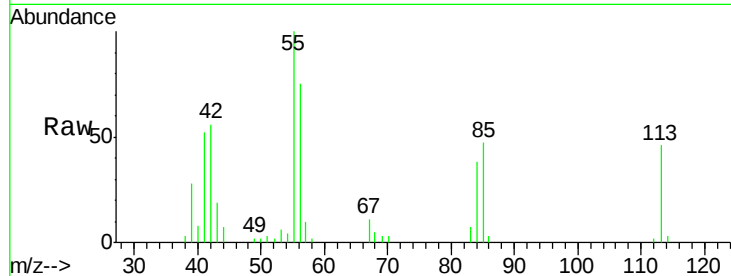




#35
 Caprolactam
 Concen: 32.64 ng
 RT: 8.92 min Scan# 598
 Delta R.T. -0.01 min
 Lab File: BF080315.D
 Acq: 2 Jul 2015 18:31

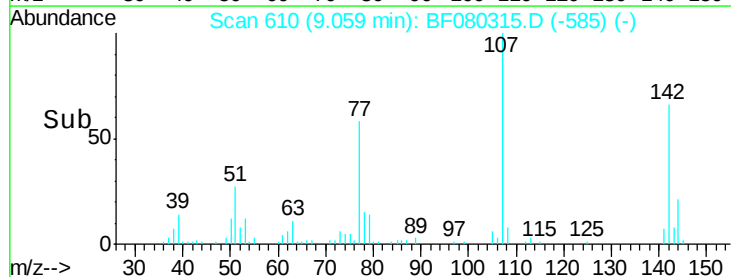
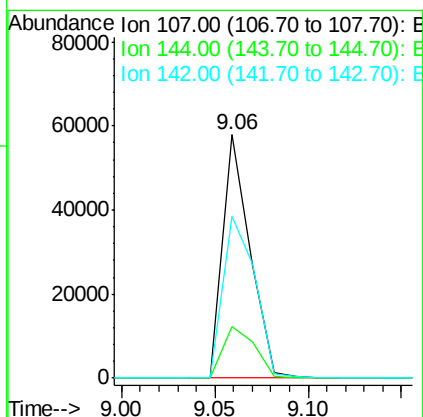
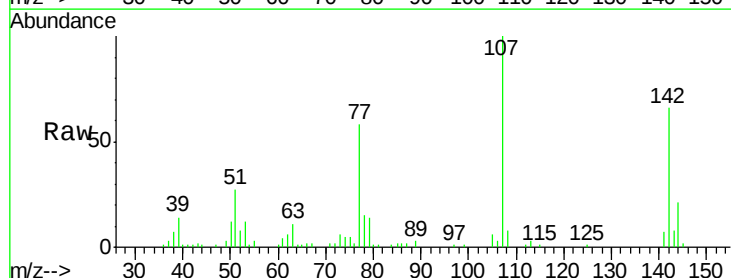
Instrument :
 BNA_F
 ClientSampleId :
 PB84340BS

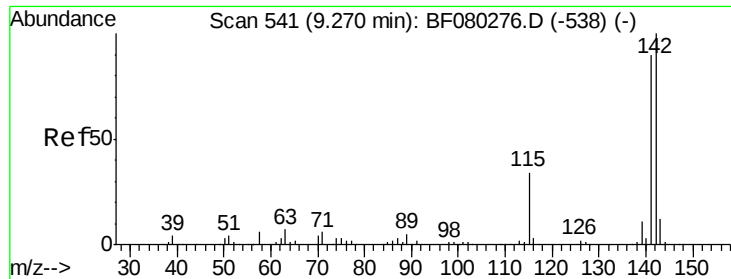
Tgt Ion:113 Resp: 16435
 Ion Ratio Lower Upper
 113 100
 55 216.9 189.7 229.7
 56 161.9 127.2 167.2



#36
 4-Chloro-3-methylphenol
 Concen: 32.98 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.01 min
 Lab File: BF080315.D
 Acq: 2 Jul 2015 18:31

Tgt Ion:107 Resp: 59248
 Ion Ratio Lower Upper
 107 100
 144 21.4 20.4 30.6
 142 66.3 63.8 95.6

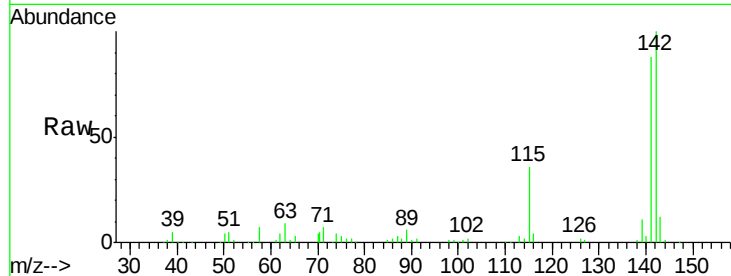




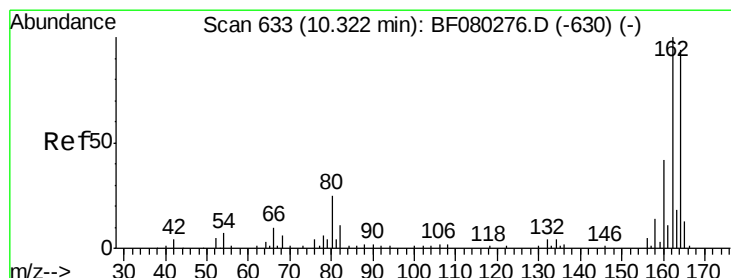
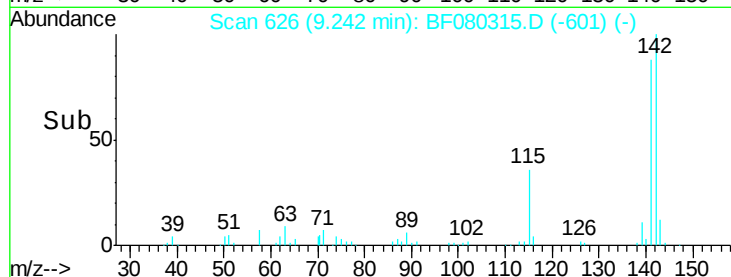
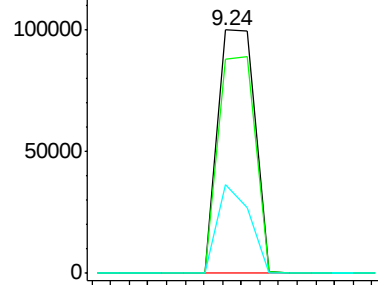
#37
 2-Methylnaphthalene
 Concen: 33.19 ng
 RT: 9.24 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF080315.D
 Acq: 2 Jul 2015 18:31

Instrument :
 BNA_F
 ClientSampleId :
 PB84340BS

Tgt Ion:142 Resp: 137772
 Ion Ratio Lower Upper
 142 100
 141 87.8 71.8 107.6
 115 36.2 27.4 41.2

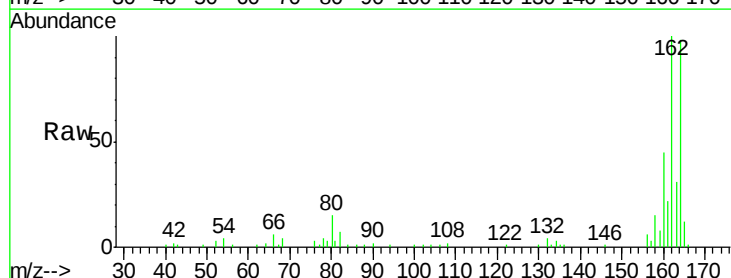


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

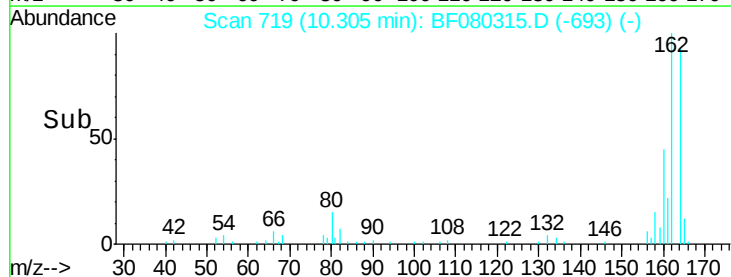
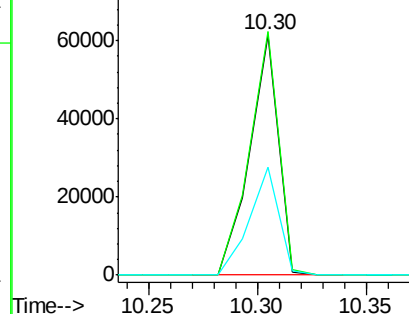


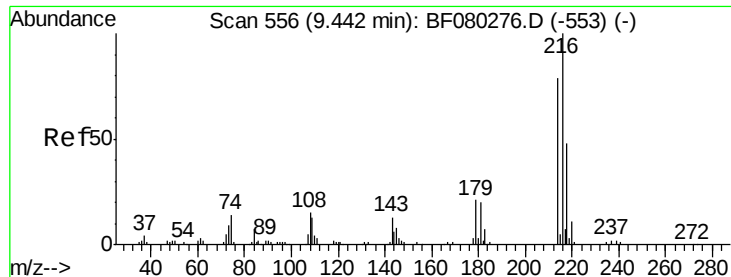
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.30 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: BF080315.D
 Acq: 2 Jul 2015 18:31

Tgt Ion:164 Resp: 56158
 Ion Ratio Lower Upper
 164 100
 162 101.5 84.8 127.2
 160 45.2 35.8 53.8



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

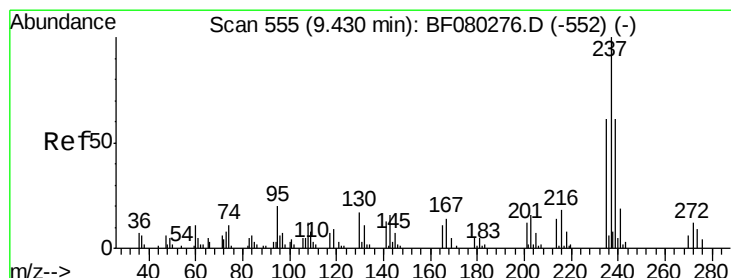
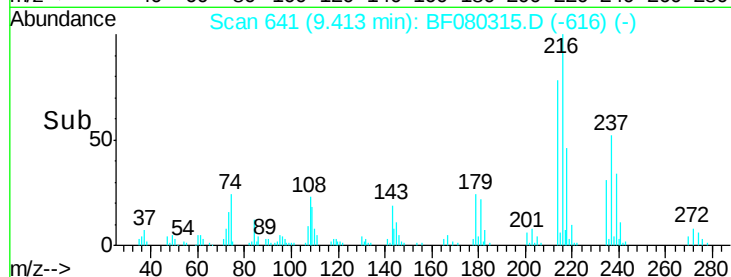
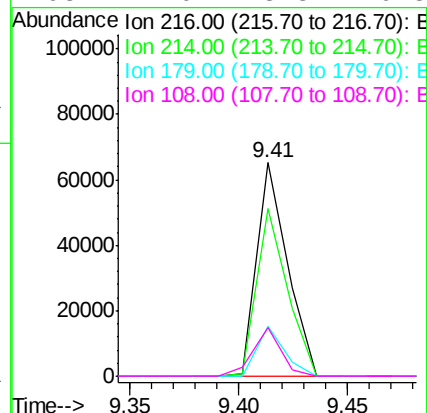
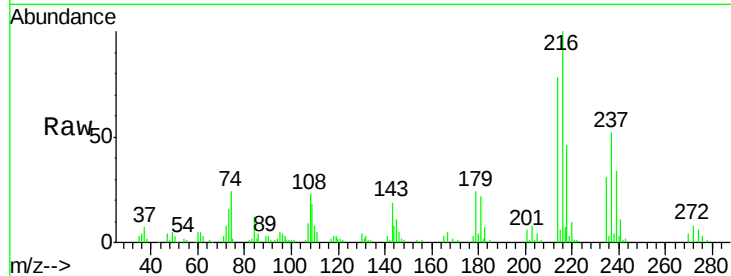




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.20 ng
 RT: 9.41 min Scan# 641
 Delta R.T. -0.01 min
 Lab File: BF080315.D
 Acq: 2 Jul 2015 18:31

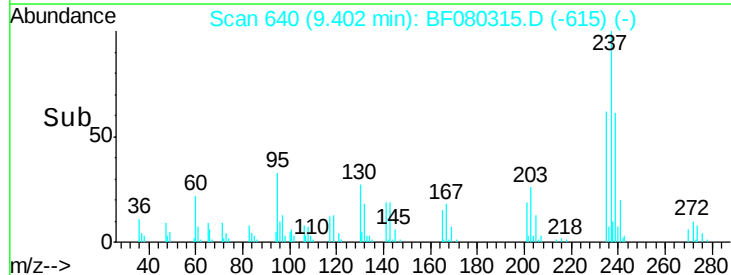
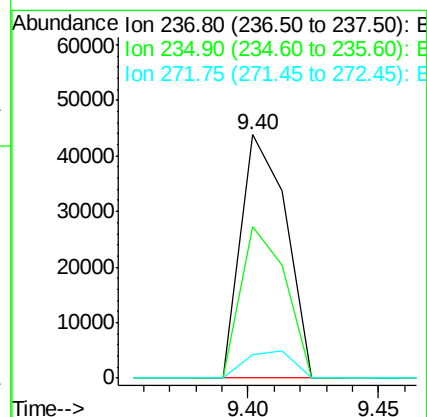
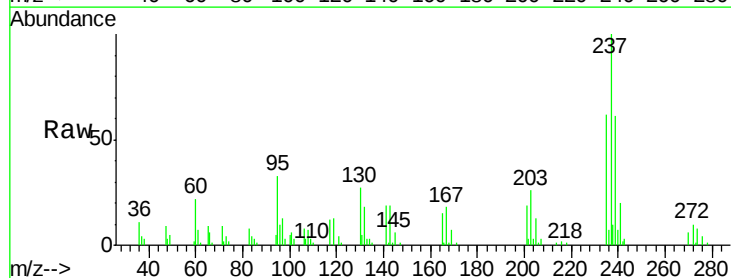
Instrument :
 BNA_F
 ClientSampleID :
 PB84340BS

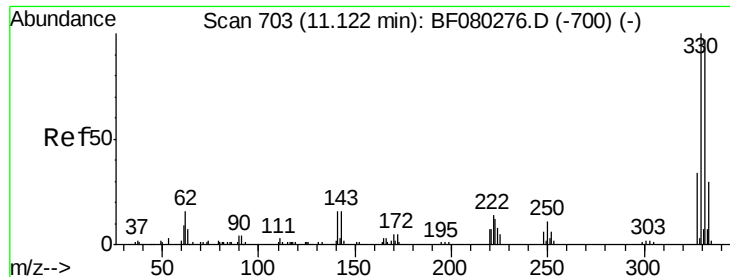
Tgt Ion:216 Resp: 63906
 Ion Ratio Lower Upper
 216 100
 214 77.8 63.0 94.6
 179 21.2 16.8 25.2
 108 21.0 13.8 20.8#



#40
 Hexachlorocyclopentadiene
 Concen: 73.00 ng
 RT: 9.40 min Scan# 640
 Delta R.T. -0.01 min
 Lab File: BF080315.D
 Acq: 2 Jul 2015 18:31

Tgt Ion:237 Resp: 53202
 Ion Ratio Lower Upper
 237 100
 235 62.1 41.3 81.3
 272 9.7 0.0 31.8

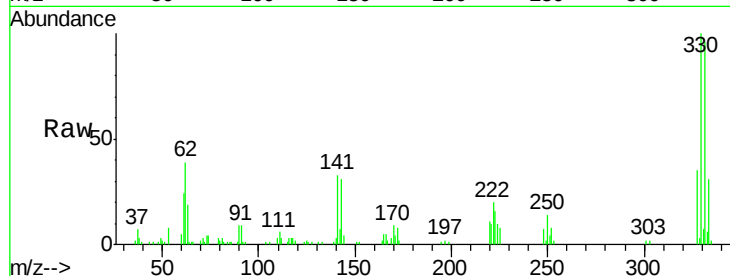




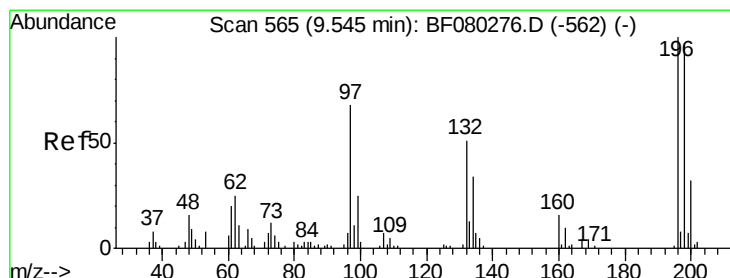
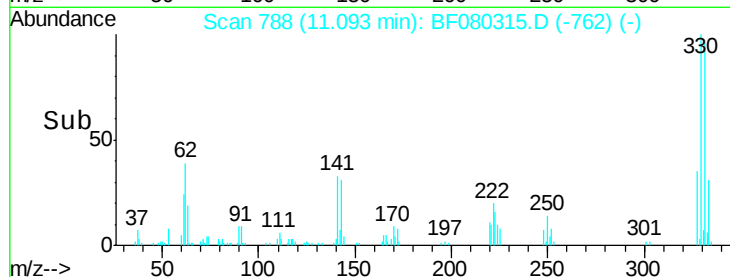
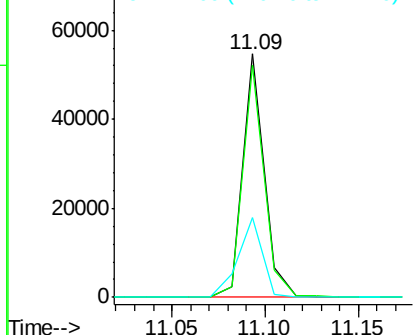
#41
 2,4,6-Tribromophenol
 Concen: 82.52 ng
 RT: 11.09 min Scan# 788
 Delta R.T. -0.00 min
 Lab File: BF080315.D
 Acq: 2 Jul 2015 18:31

Instrument :
 BNA_F
 ClientSampleId :
 PB84340BS

Tgt Ion:330 Resp: 44126
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.4 116.2
 141 37.3 28.0 42.0

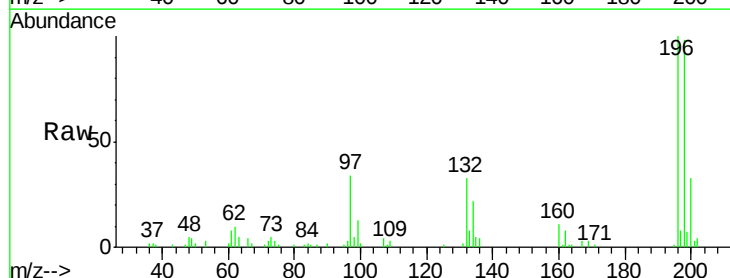


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

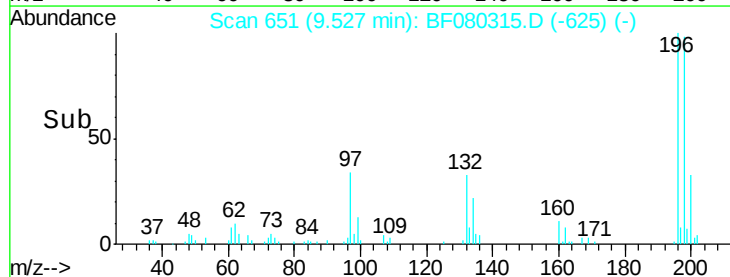
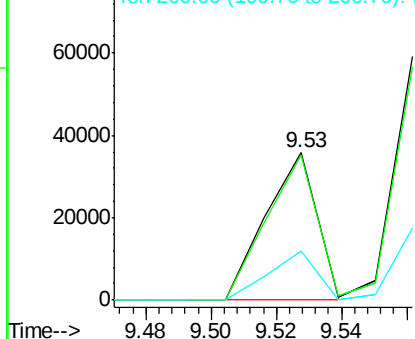


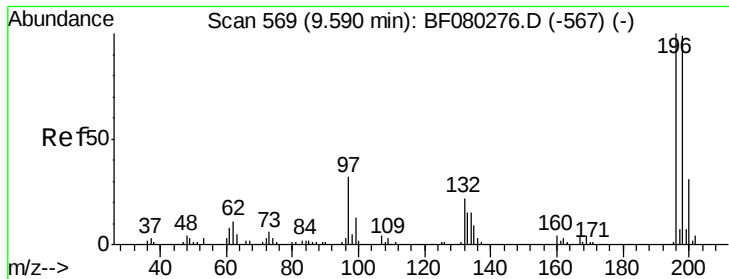
#42
 2,4,6-Trichlorophenol
 Concen: 32.78 ng
 RT: 9.53 min Scan# 651
 Delta R.T. -0.00 min
 Lab File: BF080315.D
 Acq: 2 Jul 2015 18:31

Tgt Ion:196 Resp: 38775
 Ion Ratio Lower Upper
 196 100
 198 98.0 77.7 116.5
 200 33.4 25.6 38.4



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

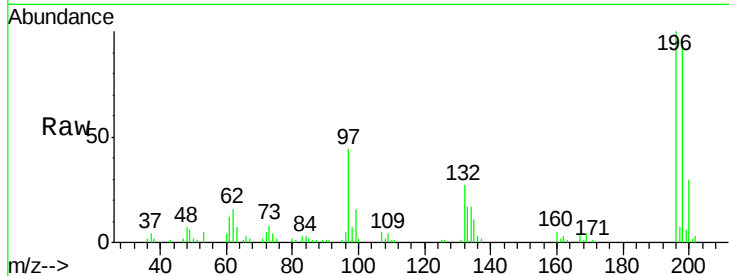




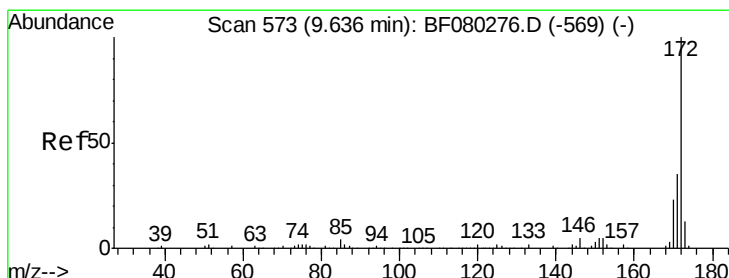
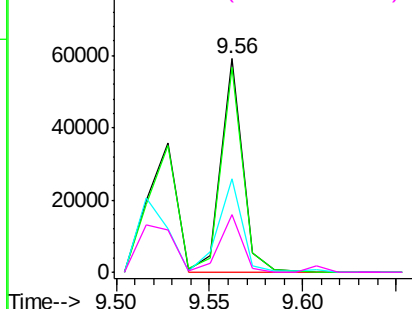
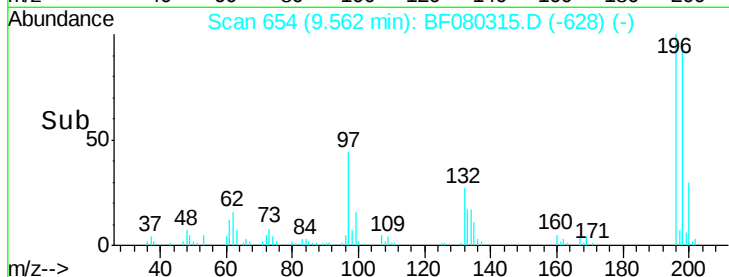
#43
 2,4,5-Trichlorophenol
 Concen: 37.84 ng
 RT: 9.56 min Scan# 654
 Delta R.T. -0.00 min
 Lab File: BF080315.D
 Acq: 2 Jul 2015 18:31

Instrument :
 BNA_F
 ClientSampleId :
 PB84340BS

Tgt Ion:196 Resp: 48223
 Ion Ratio Lower Upper
 196 100
 198 95.7 79.4 119.2
 97 43.7 25.9 38.9#
 132 27.1 17.3 25.9#

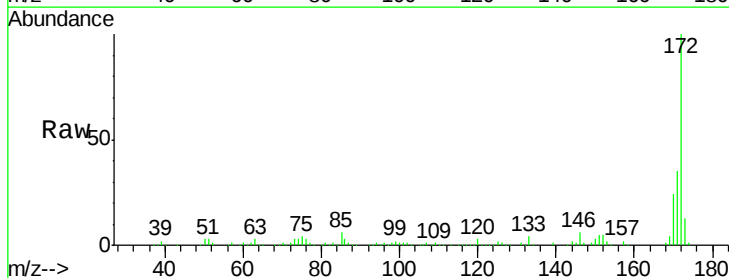


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

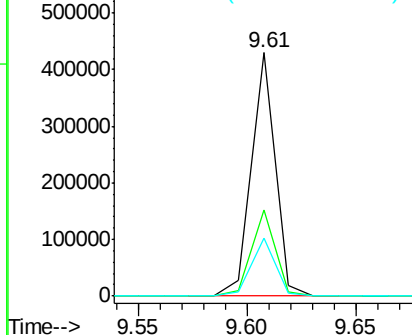
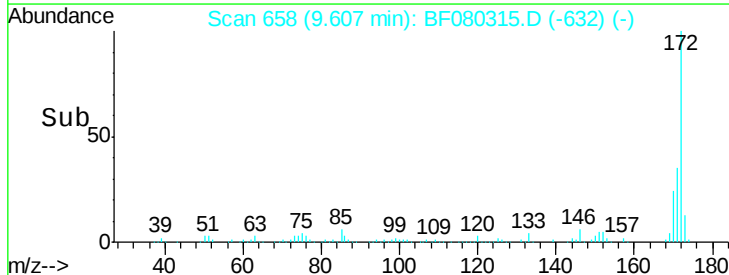


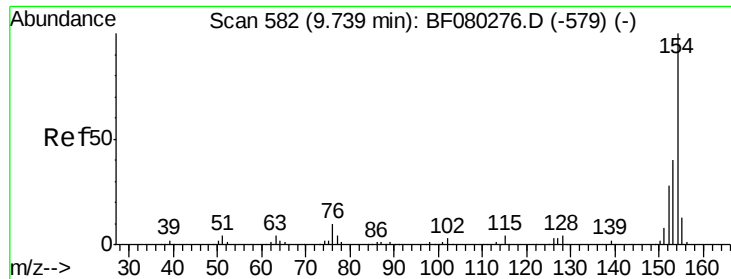
#44
 2-Fluorobiphenyl
 Concen: 83.96 ng
 RT: 9.61 min Scan# 658
 Delta R.T. -0.00 min
 Lab File: BF080315.D
 Acq: 2 Jul 2015 18:31

Tgt Ion:172 Resp: 327609
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.1 42.1
 170 23.8 18.6 28.0



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

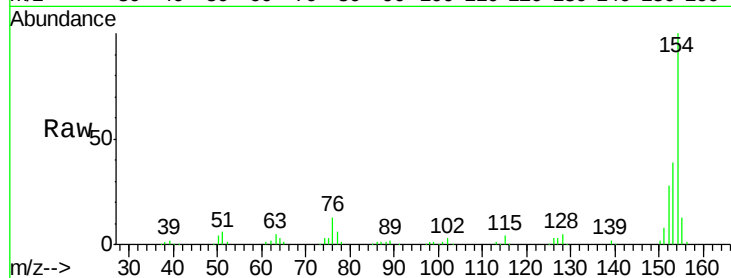




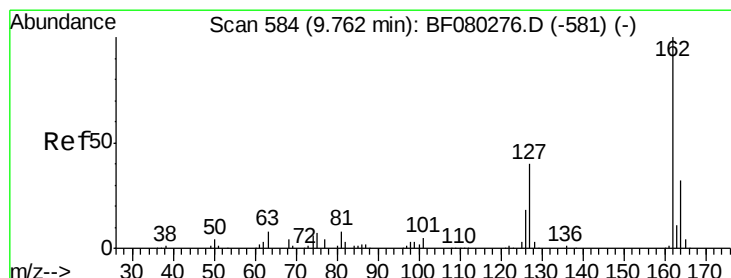
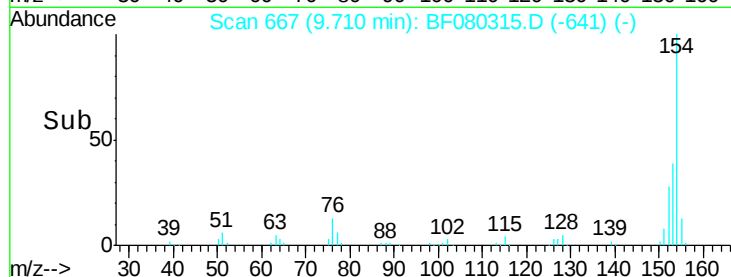
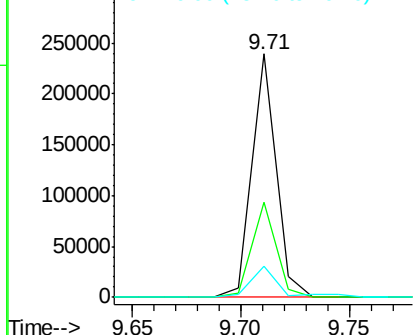
#45
 1,1'-Biphenyl
 Concen: 38.51 ng
 RT: 9.71 min Scan# 667
 Delta R.T. -0.00 min
 Lab File: BF080315.D
 Acq: 2 Jul 2015 18:31

Instrument :
 BNA_F
 ClientSampleId :
 PB84340BS

Tgt Ion:154 Resp: 183884
 Ion Ratio Lower Upper
 154 100
 153 39.0 20.3 60.3
 76 13.0 0.0 30.3

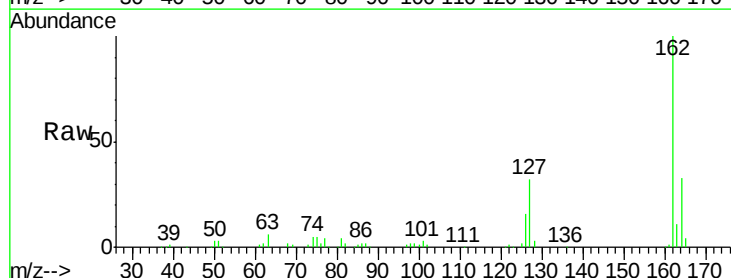


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

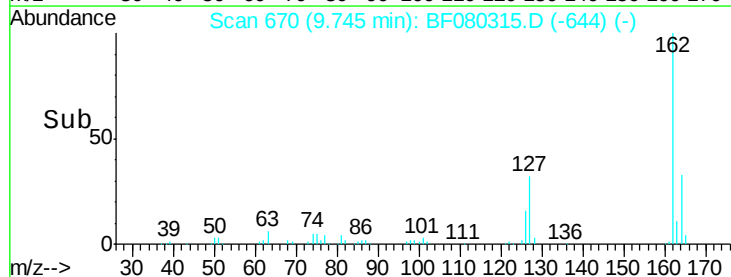
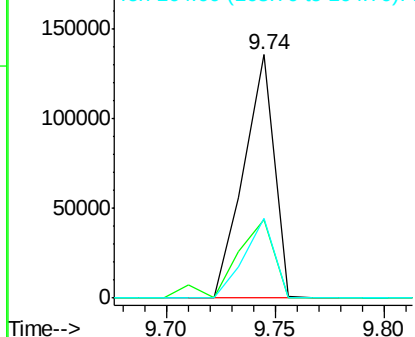


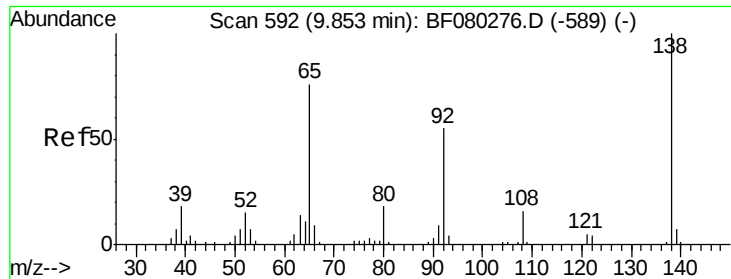
#46
 2-Chloronaphthalene
 Concen: 35.77 ng
 RT: 9.74 min Scan# 670
 Delta R.T. -0.00 min
 Lab File: BF080315.D
 Acq: 2 Jul 2015 18:31

Tgt Ion:162 Resp: 132215
 Ion Ratio Lower Upper
 162 100
 127 32.4 33.4 50.0#
 164 33.0 25.3 37.9



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

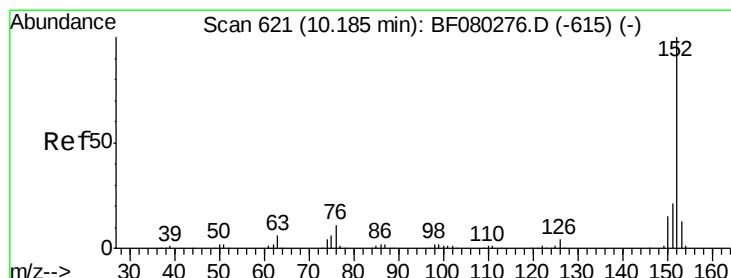
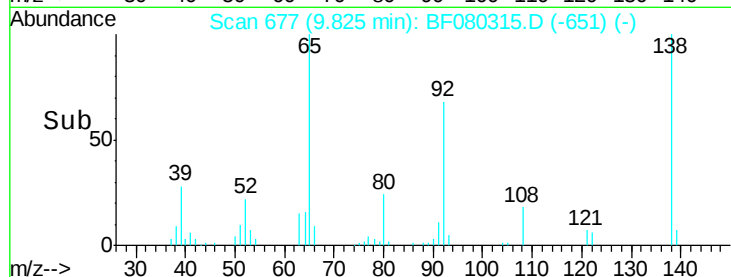
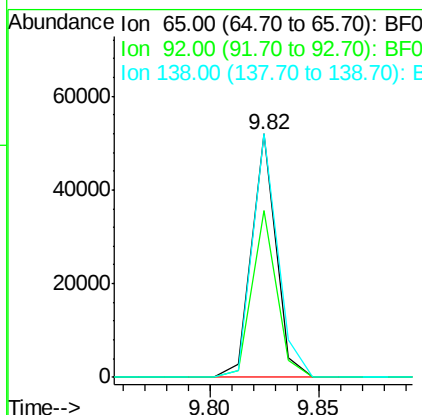
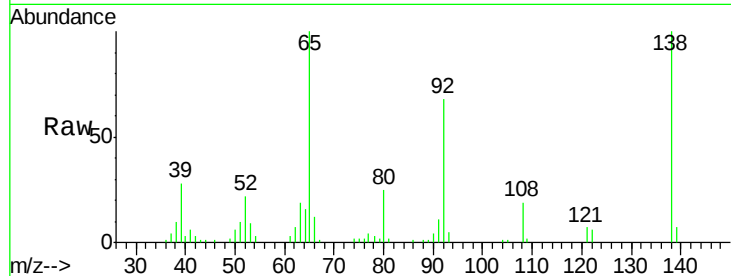




#47
2-Nitroaniline
Concen: 37.95 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.00 min
Lab File: BF080315.D
Acq: 2 Jul 2015 18:31

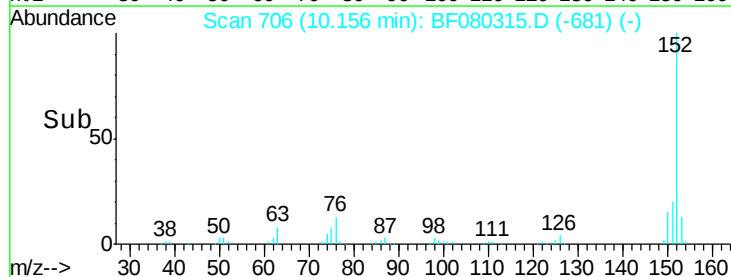
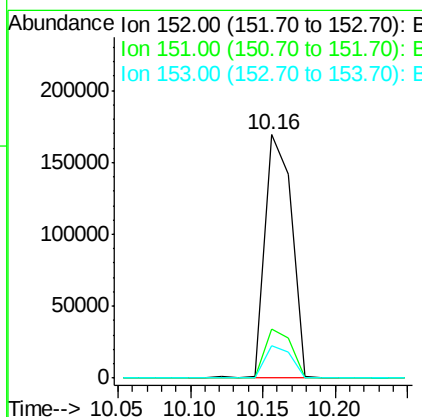
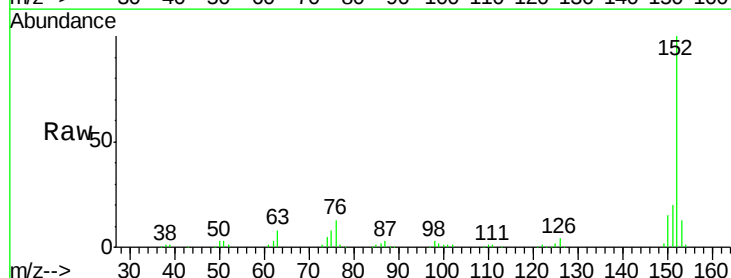
Instrument :
BNA_F
ClientSampleId :
PB84340BS

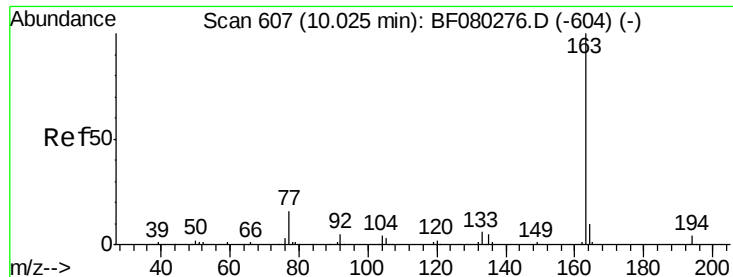
Tgt Ion: 65 Resp: 40344
Ion Ratio Lower Upper
65 100
92 68.5 58.0 87.0
138 100.2 104.8 157.2#



#48
Acenaphthylene
Concen: 33.58 ng
RT: 10.16 min Scan# 706
Delta R.T. -0.01 min
Lab File: BF080315.D
Acq: 2 Jul 2015 18:31

Tgt Ion: 152 Resp: 215553
Ion Ratio Lower Upper
152 100
151 20.3 16.7 25.1
153 13.4 10.7 16.1

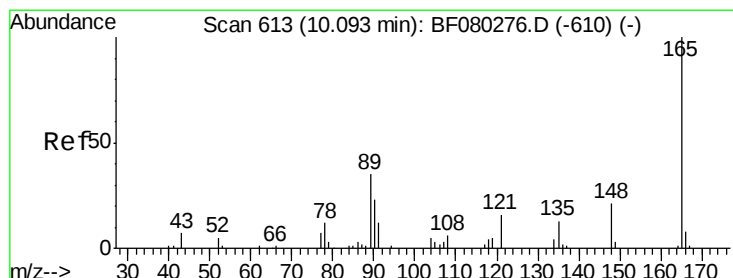
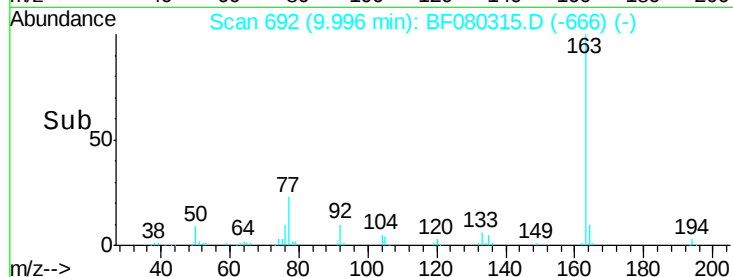
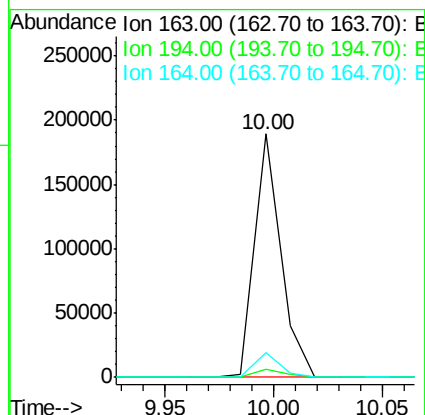
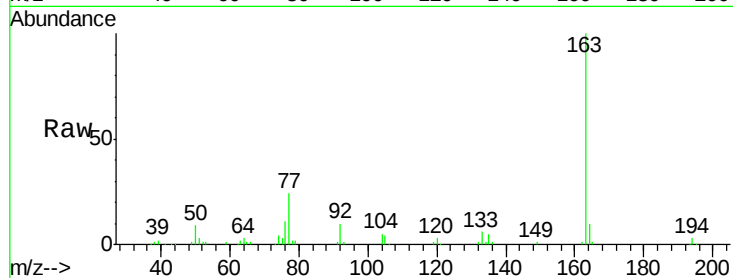




#49
Dimethylphthalate
Concen: 37.11 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.00 min
Lab File: BF080315.D
Acq: 2 Jul 2015 18:31

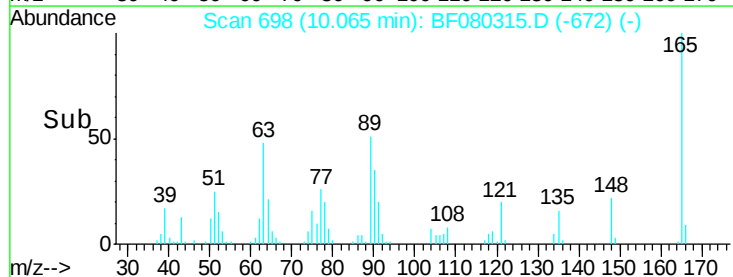
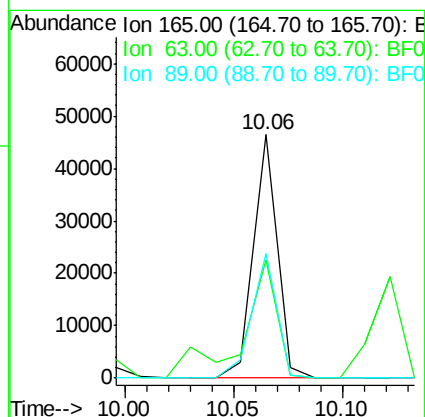
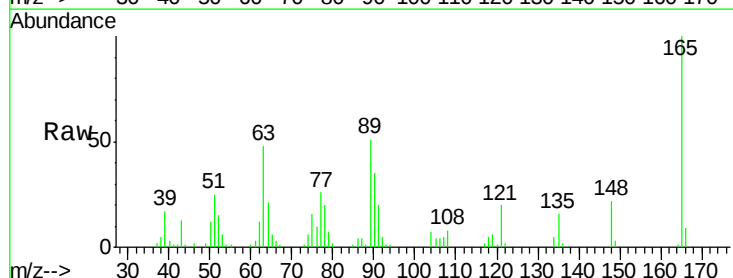
Instrument :
BNA_F
ClientSampleId :
PB84340BS

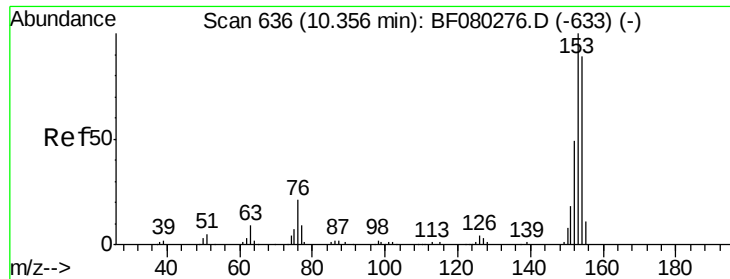
Tgt Ion:163 Resp: 159192
Ion Ratio Lower Upper
163 100
194 3.3 3.0 4.4
164 10.3 7.9 11.9



#50
2,6-Dinitrotoluene
Concen: 40.36 ng
RT: 10.06 min Scan# 698
Delta R.T. -0.00 min
Lab File: BF080315.D
Acq: 2 Jul 2015 18:31

Tgt Ion:165 Resp: 35391
Ion Ratio Lower Upper
165 100
63 48.5 23.4 35.0#
89 51.3 27.7 41.5#

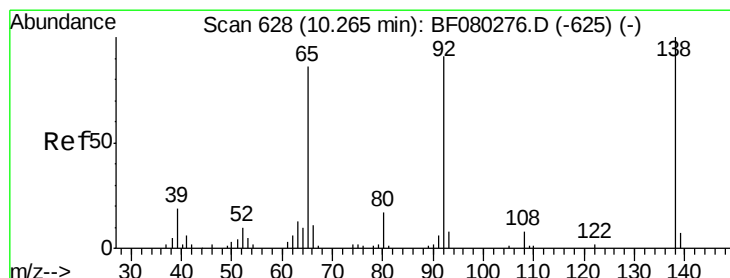
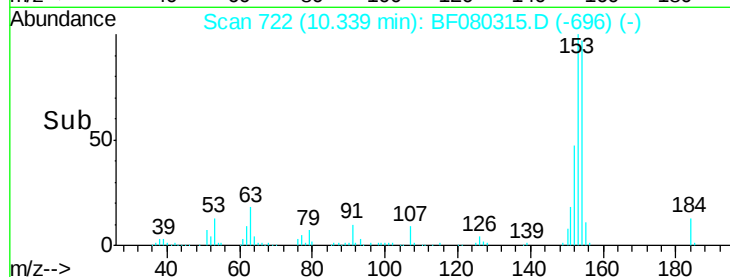
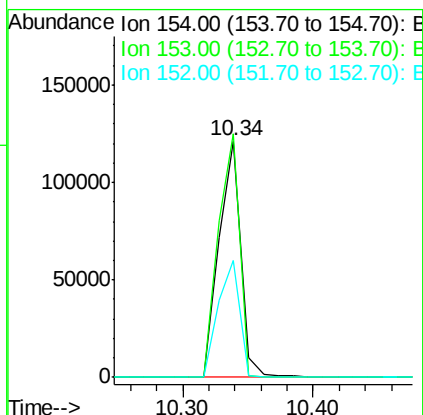
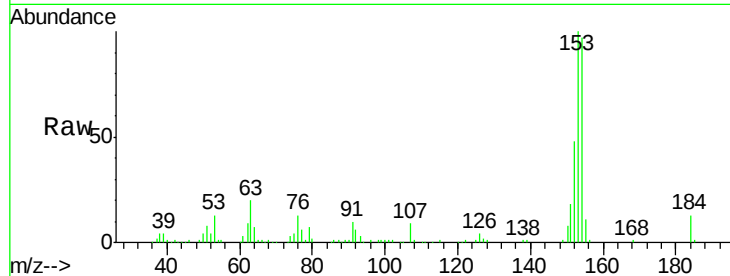




#51
Acenaphthene
Concen: 38.37 ng
RT: 10.34 min Scan# 722
Delta R.T. -0.00 min
Lab File: BF080315.D
Acq: 2 Jul 2015 18:31

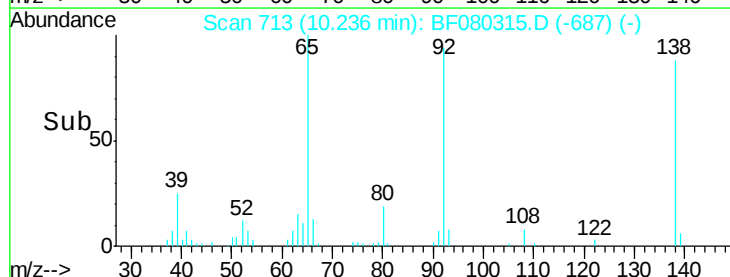
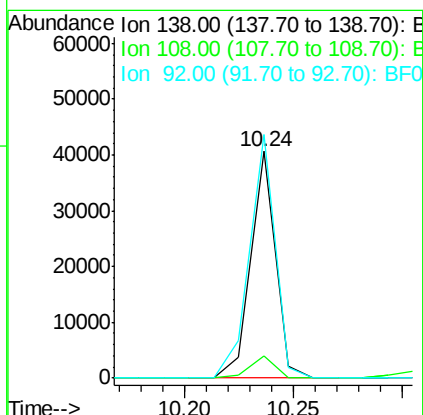
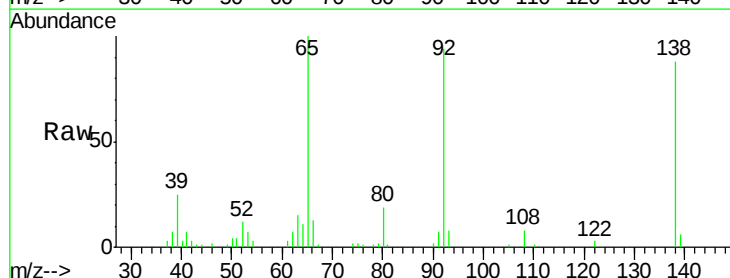
Instrument :
BNA_F
ClientSampleId :
PB84340BS

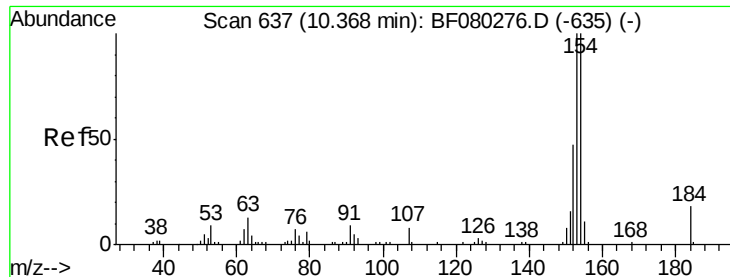
Tgt Ion:154 Resp: 141838
Ion Ratio Lower Upper
154 100
153 103.0 90.4 135.6
152 49.5 43.9 65.9



#52
3-Nitroaniline
Concen: 31.69 ng
RT: 10.24 min Scan# 713
Delta R.T. -0.00 min
Lab File: BF080315.D
Acq: 2 Jul 2015 18:31

Tgt Ion:138 Resp: 31876
Ion Ratio Lower Upper
138 100
108 9.6 6.7 10.1
92 107.3 72.6 109.0

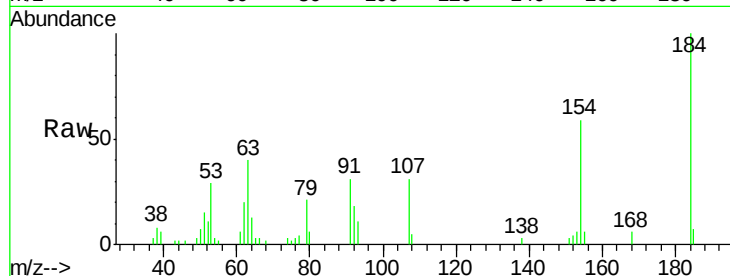




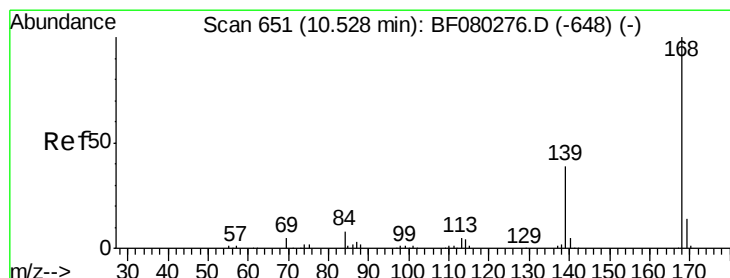
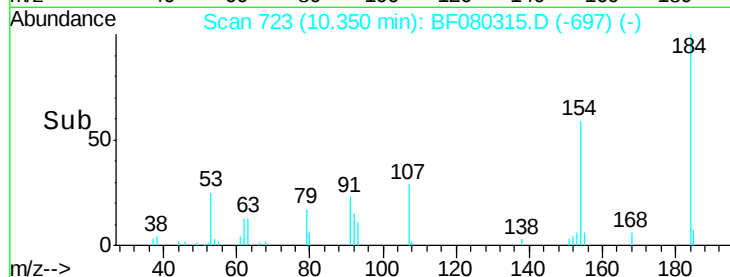
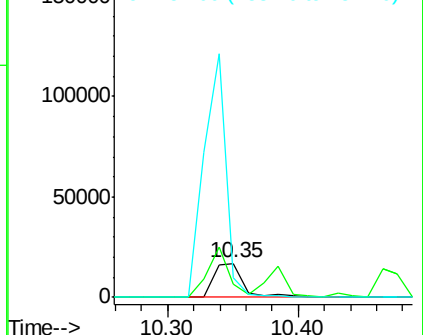
#53
2,4-Dinitrophenol
Concen: 76.46 ng
RT: 10.35 min Scan# 723
Delta R.T. -0.00 min
Lab File: BF080315.D
Acq: 2 Jul 2015 18:31

Instrument :
BNA_F
ClientSampleId :
PB84340BS

Tgt Ion:184 Resp: 26359
Ion Ratio Lower Upper
184 100
63 39.6 65.0 97.6#
154 59.1 473.1 709.7#

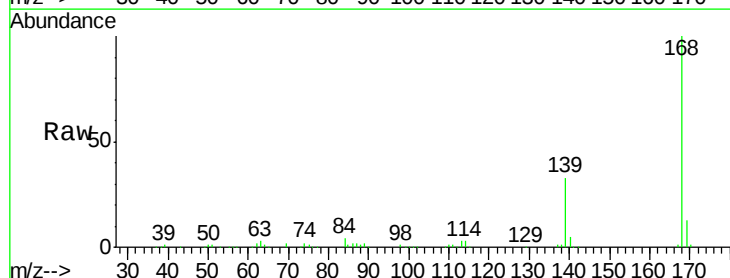


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

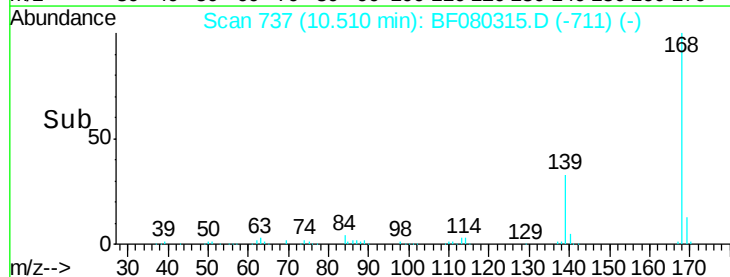
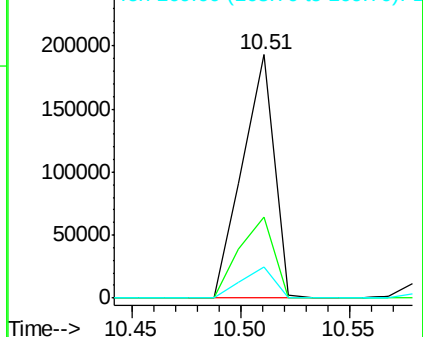


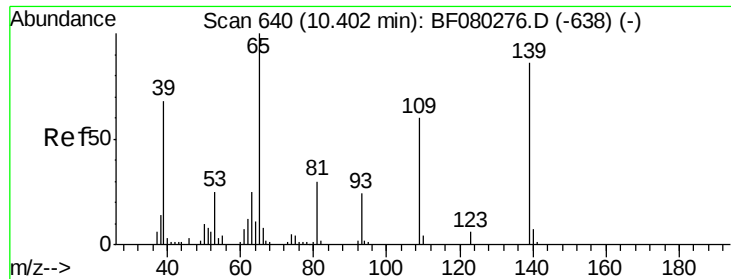
#54
Dibenzofuran
Concen: 37.55 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.00 min
Lab File: BF080315.D
Acq: 2 Jul 2015 18:31

Tgt Ion:168 Resp: 195865
Ion Ratio Lower Upper
168 100
139 33.1 31.5 47.3
169 12.8 11.0 16.4



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

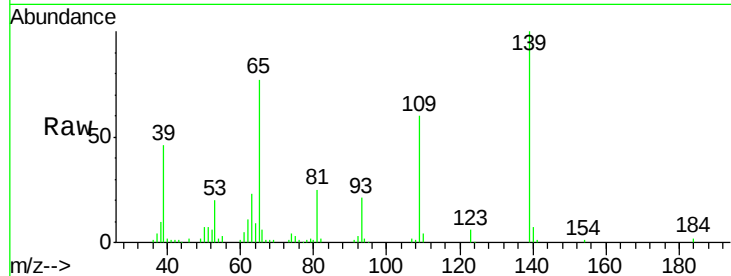




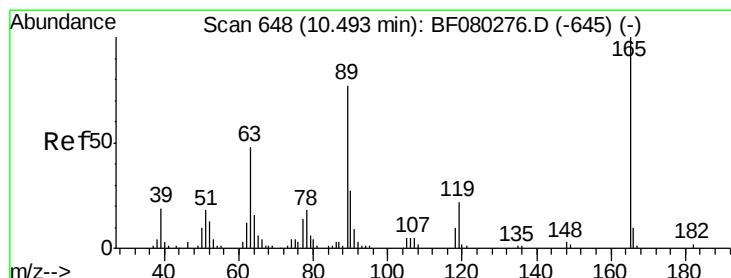
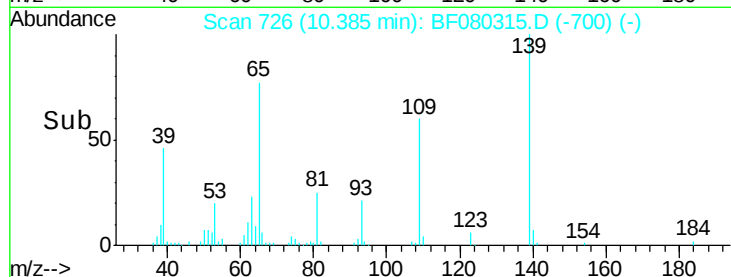
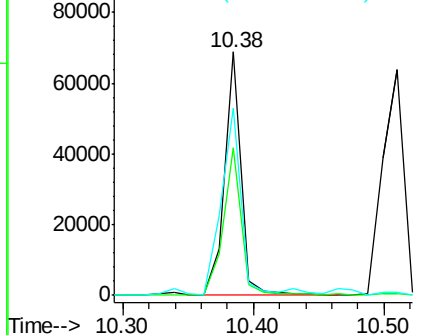
#55
4-Nitrophenol
Concen: 82.19 ng
RT: 10.38 min Scan# 726
Delta R.T. -0.00 min
Lab File: BF080315.D
Acq: 2 Jul 2015 18:31

Instrument :
BNA_F
ClientSampleId :
PB84340BS

Tgt Ion:139 Resp: 61113
Ion Ratio Lower Upper
139 100
109 60.5 50.2 90.2
65 76.7 96.7 136.7#

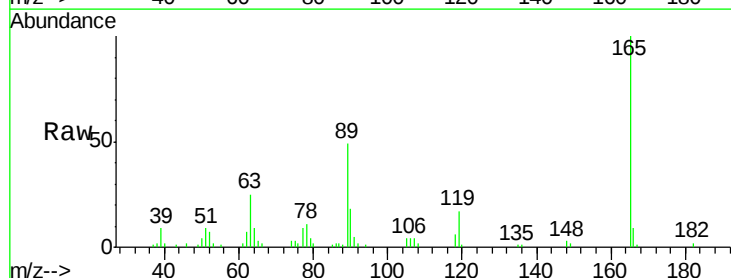


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

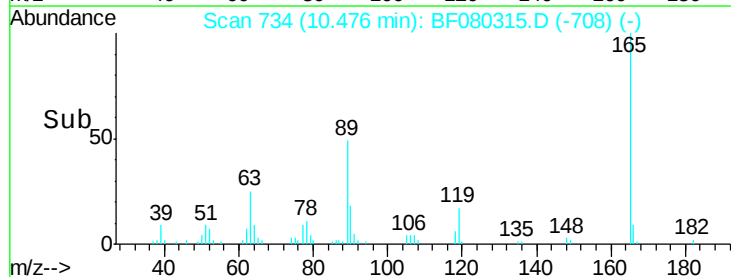
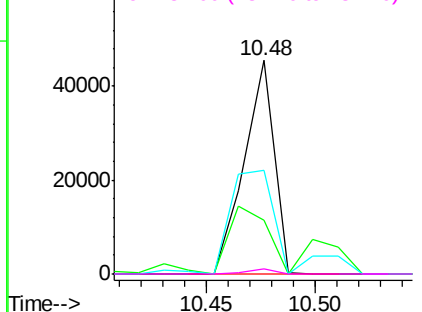


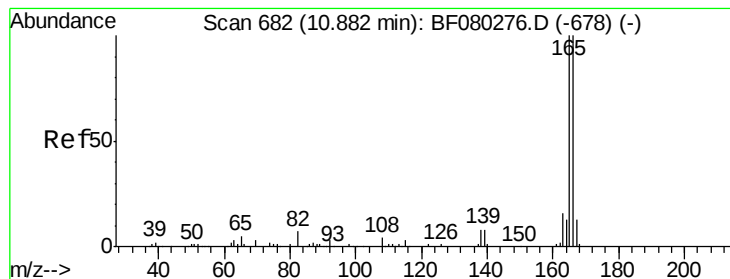
#56
2,4-Dinitrotoluene
Concen: 38.47 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.00 min
Lab File: BF080315.D
Acq: 2 Jul 2015 18:31

Tgt Ion:165 Resp: 43747
Ion Ratio Lower Upper
165 100
63 25.3 38.7 58.1#
89 48.7 62.0 93.0#
182 2.2 1.8 2.8



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





#57

Fluorene

Concen: 38.70 ng

RT: 10.85 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF080315.D

Acq: 2 Jul 2015 18:31

Instrument :

BNA_F

ClientSampled :

PB84340BS

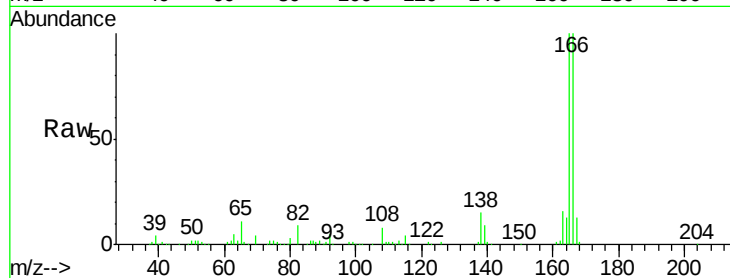
Tgt Ion:166 Resp: 167453

Ion Ratio Lower Upper

166 100

165 100.2 79.9 119.9

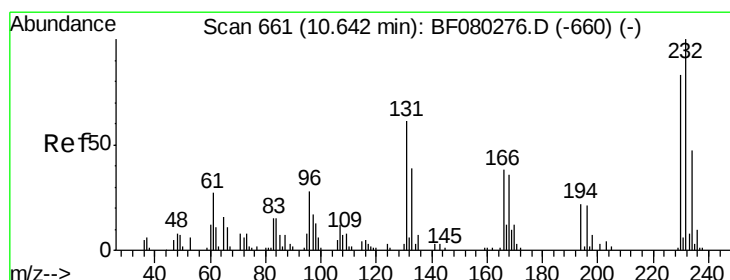
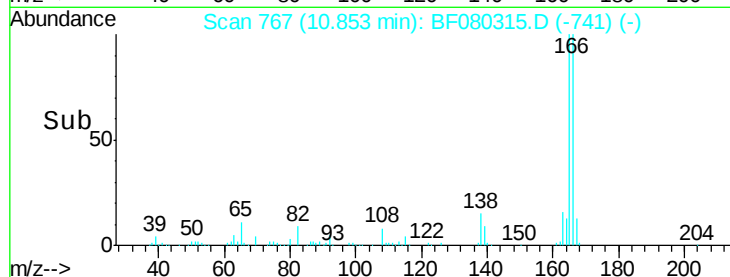
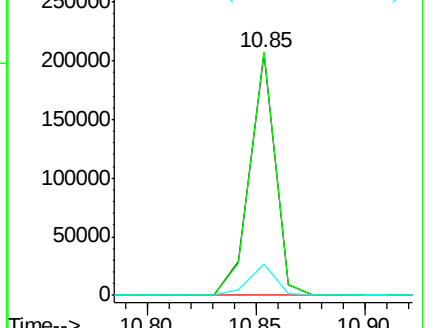
167 13.0 10.3 15.5



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.74 ng

RT: 10.62 min Scan# 747

Delta R.T. -0.00 min

Lab File: BF080315.D

Acq: 2 Jul 2015 18:31

Tgt Ion:232 Resp: 39473

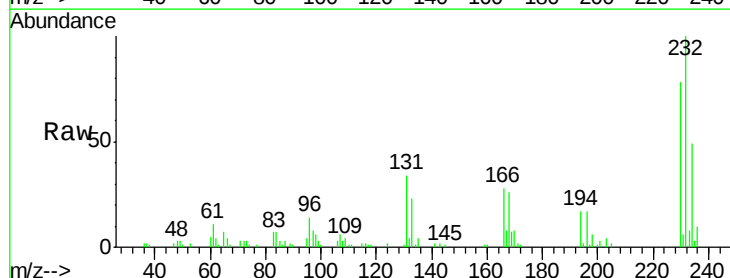
Ion Ratio Lower Upper

232 100

131 41.6 37.0 55.6

130 1.9 1.5 2.3

166 30.1 24.4 36.6

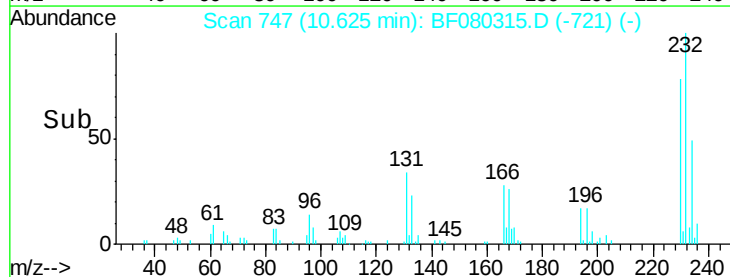
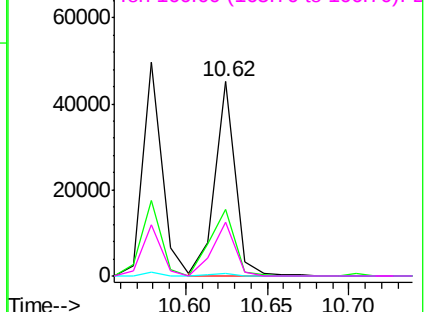


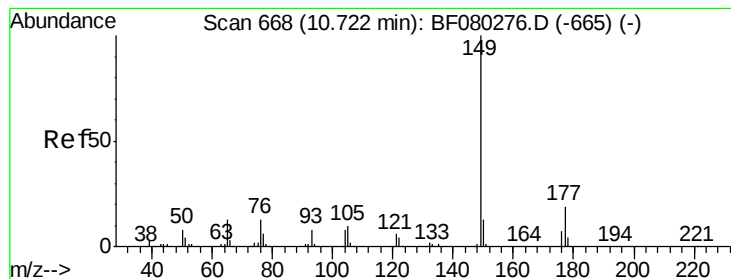
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 40.67 ng

RT: 10.70 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF080315.D

Acq: 2 Jul 2015 18:31

Instrument :

BNA_F

ClientSampleId :

PB84340BS

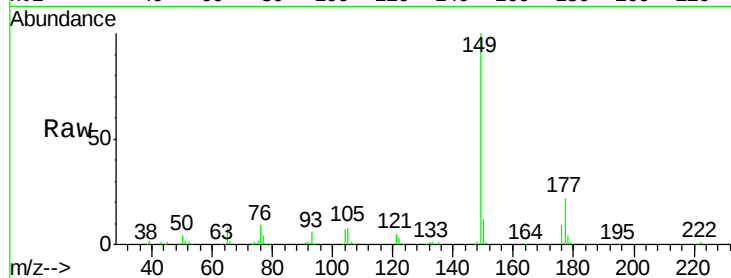
Tgt Ion:149 Resp: 165822

Ion Ratio Lower Upper

149 100

177 22.3 15.4 23.0

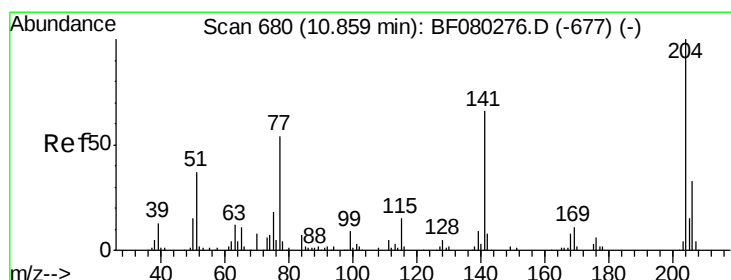
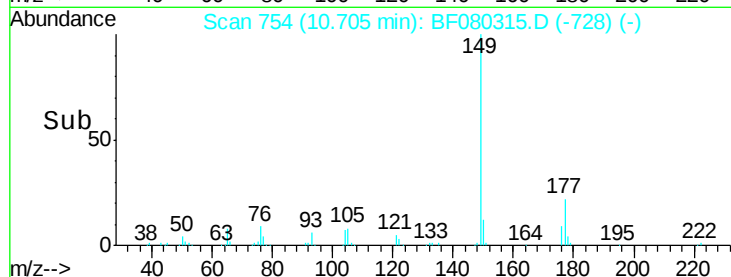
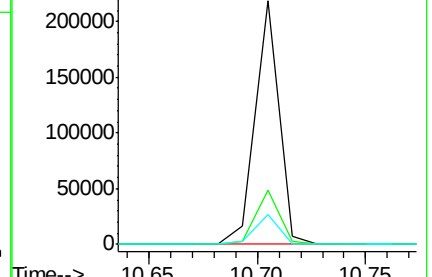
150 12.4 10.5 15.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 38.12 ng

RT: 10.84 min Scan# 766

Delta R.T. -0.00 min

Lab File: BF080315.D

Acq: 2 Jul 2015 18:31

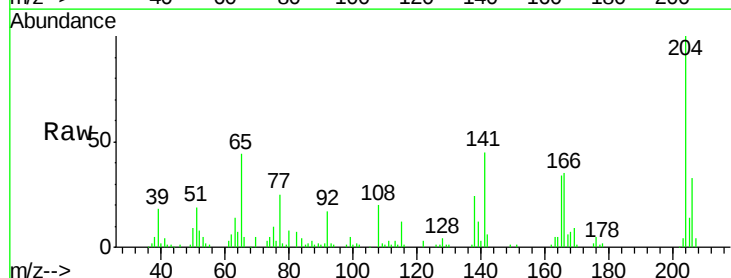
Tgt Ion:204 Resp: 74578

Ion Ratio Lower Upper

204 100

206 33.2 26.5 39.7

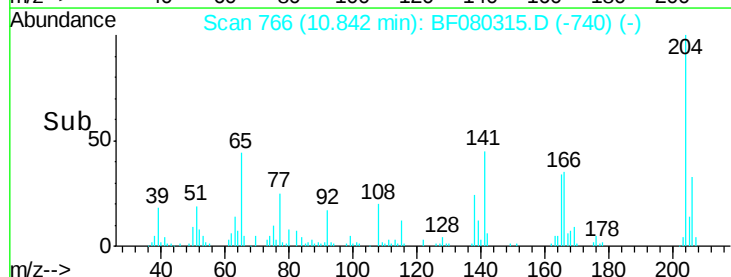
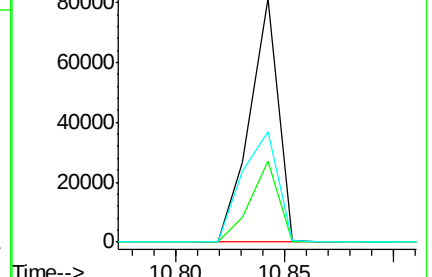
141 45.4 52.5 78.7#

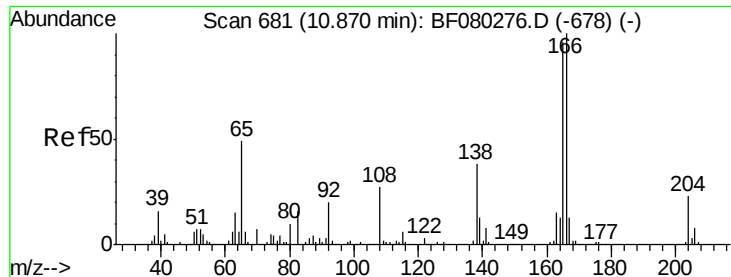


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

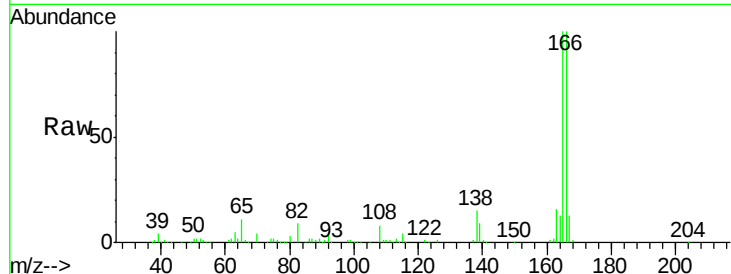




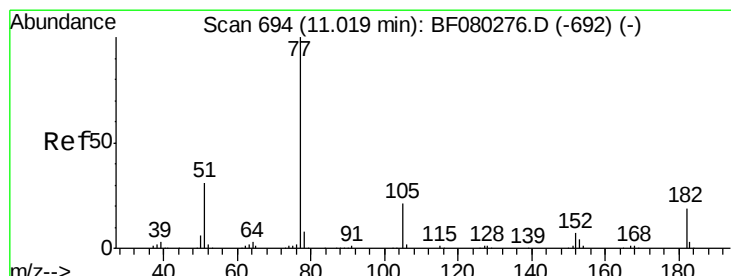
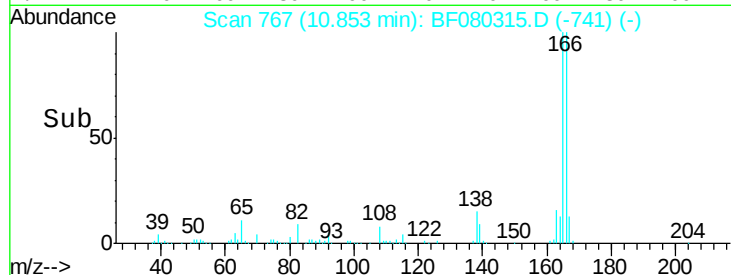
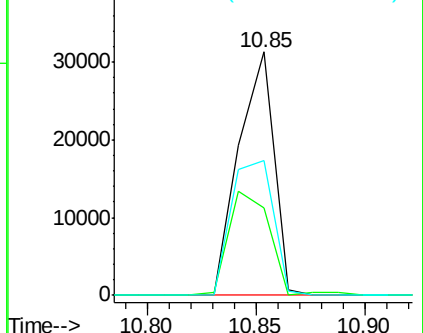
#61
4-Nitroaniline
Concen: 34.42 ng
RT: 10.85 min Scan# 767
Delta R.T. -0.00 min
Lab File: BF080315.D
Acq: 2 Jul 2015 18:31

Instrument :
BNA_F
ClientSampleId :
PB84340BS

Tgt Ion:138 Resp: 35187
Ion Ratio Lower Upper
138 100
92 35.8 32.7 72.7
108 55.5 49.6 89.6

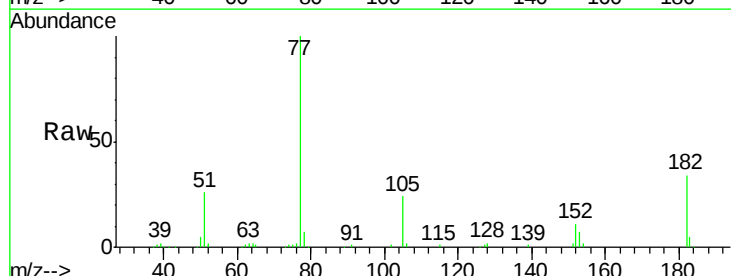


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

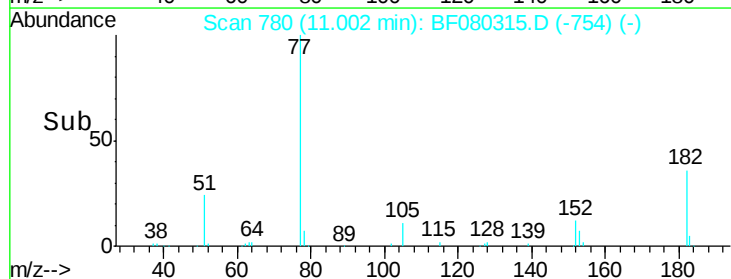
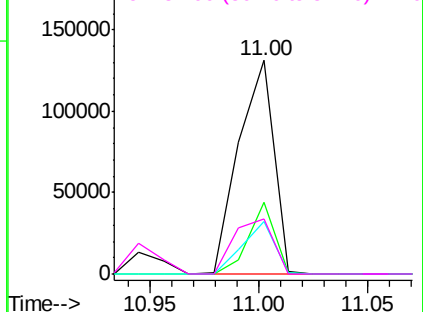


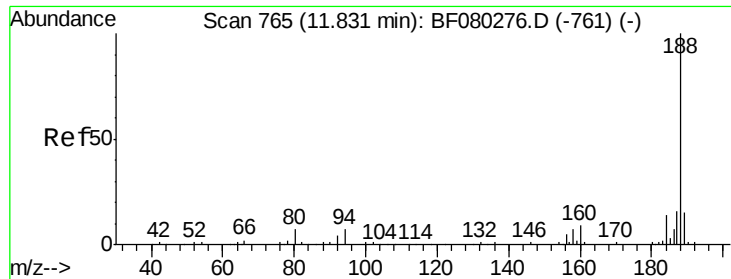
#62
Azobenzene
Concen: 35.05 ng
RT: 11.00 min Scan# 780
Delta R.T. -0.00 min
Lab File: BF080315.D
Acq: 2 Jul 2015 18:31

Tgt Ion: 77 Resp: 146993
Ion Ratio Lower Upper
77 100
182 33.7 0.0 38.9
105 24.4 1.3 41.3
51 25.6 11.1 51.1



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

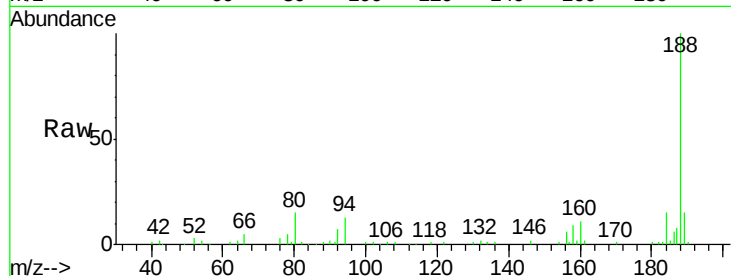




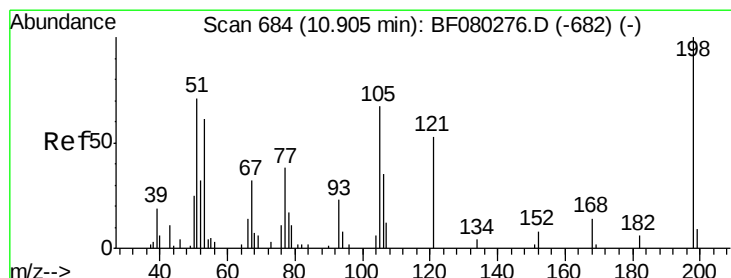
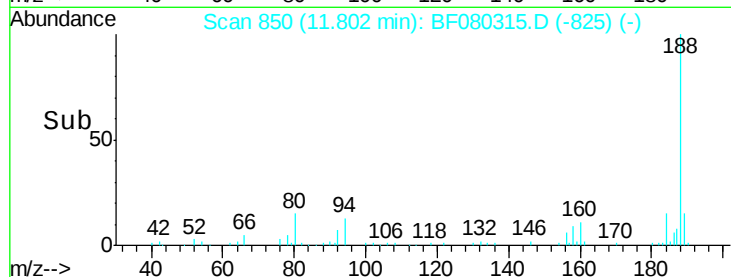
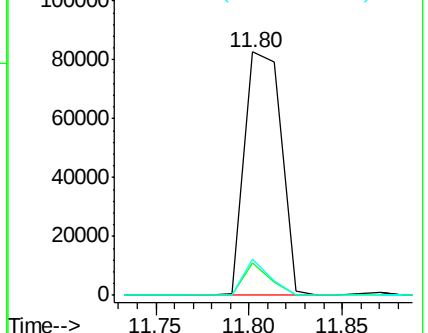
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.80 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF080315.D
Acq: 2 Jul 2015 18:31

Instrument :
BNA_F
ClientSampled :
PB84340BS

Tgt Ion:188 Resp: 112396
Ion Ratio Lower Upper
188 100
94 13.4 5.4 8.0#
80 15.0 5.8 8.6#

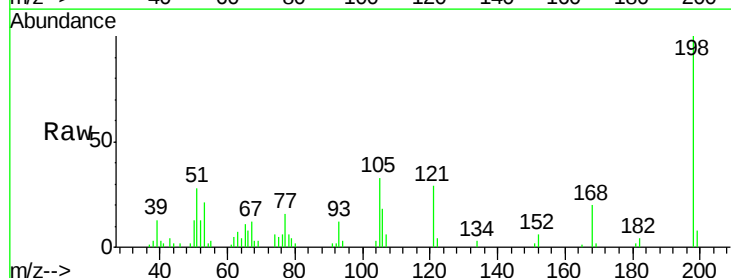


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

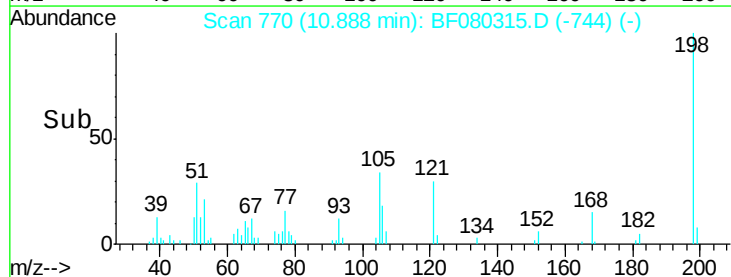
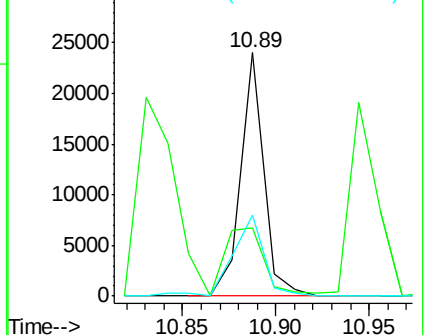


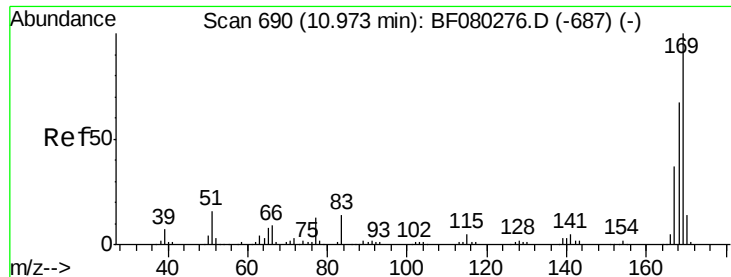
#64
4,6-Dinitro-2-methylphenol
Concen: 45.24 ng
RT: 10.89 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF080315.D
Acq: 2 Jul 2015 18:31

Tgt Ion:198 Resp: 20810
Ion Ratio Lower Upper
198 100
51 28.3 63.7 103.7#
105 33.5 46.9 86.9#



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

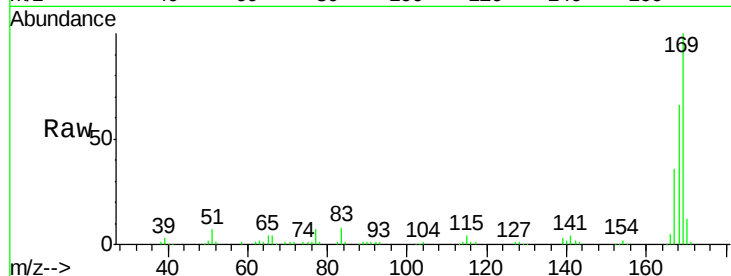




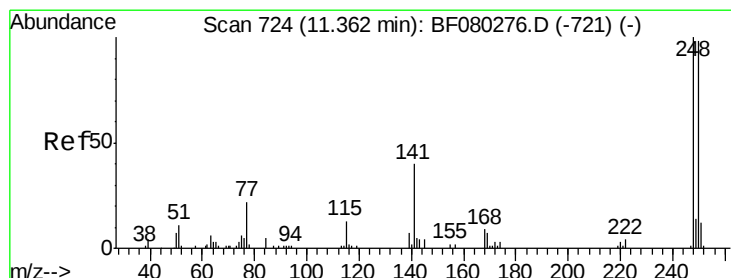
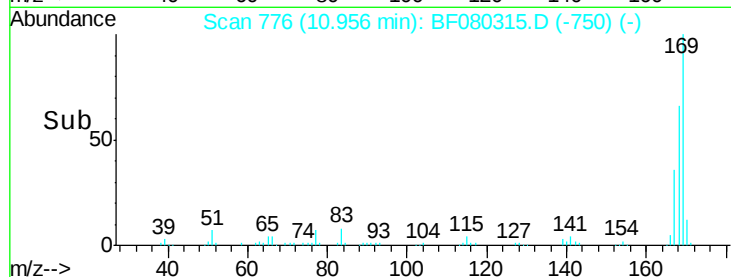
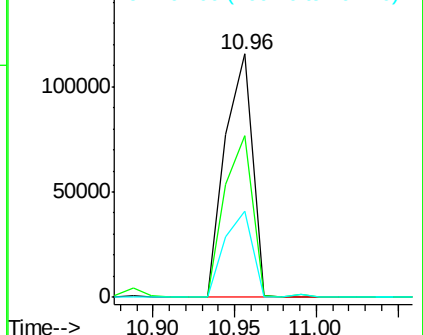
#65
 n-Nitrosodiphenylamine
 Concen: 36.04 ng
 RT: 10.96 min Scan# 776
 Delta R.T. -0.00 min
 Lab File: BF080315.D
 Acq: 2 Jul 2015 18:31

Instrument :
 BNA_F
 ClientSampleId :
 PB84340BS

Tgt Ion:169 Resp: 133112
 Ion Ratio Lower Upper
 169 100
 168 66.3 53.6 80.4
 167 35.6 29.9 44.9

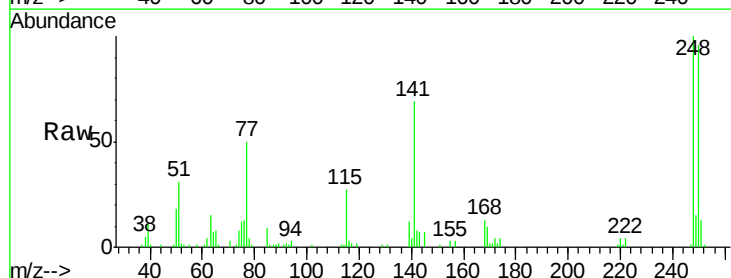


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

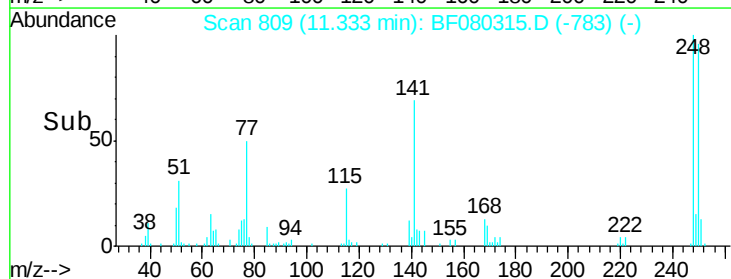
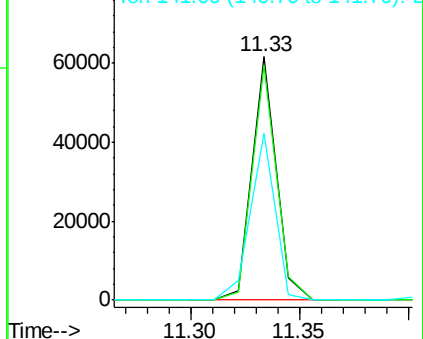


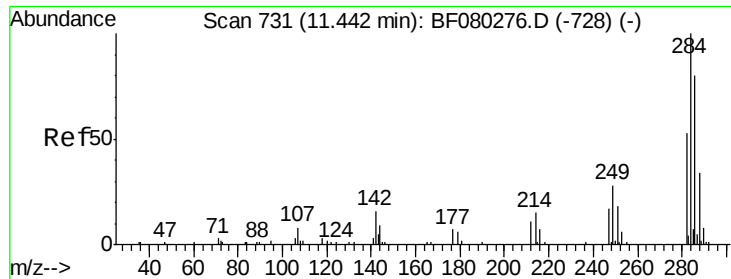
#66
 4-Bromophenyl-phenylether
 Concen: 39.45 ng
 RT: 11.33 min Scan# 809
 Delta R.T. -0.00 min
 Lab File: BF080315.D
 Acq: 2 Jul 2015 18:31

Tgt Ion:248 Resp: 47917
 Ion Ratio Lower Upper
 248 100
 250 96.2 78.2 117.4
 141 68.6 31.9 47.9#



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

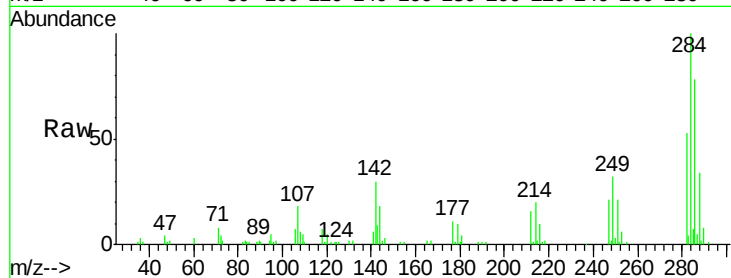




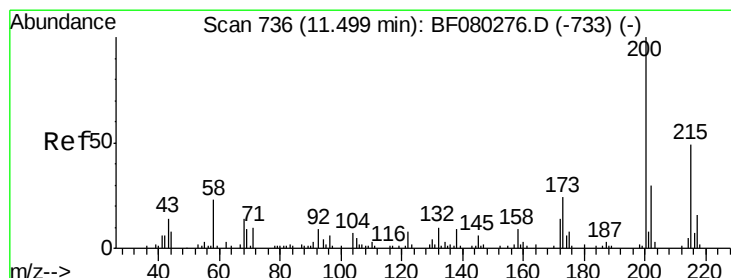
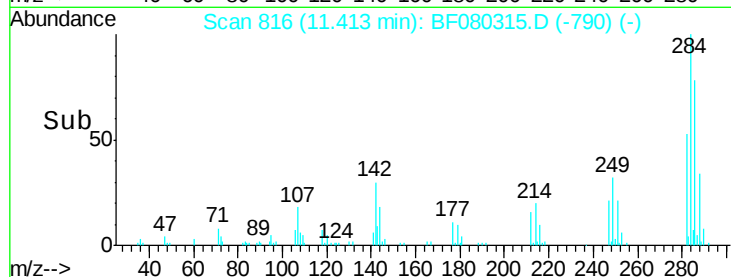
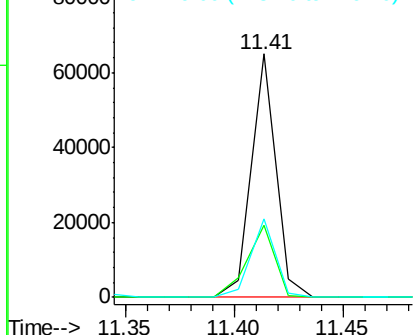
#67
Hexachlorobenzene
Concen: 39.28 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF080315.D
Acq: 2 Jul 2015 18:31

Instrument :
BNA_F
ClientSampleId :
PB84340BS

Tgt Ion:284 Resp: 51143
Ion Ratio Lower Upper
284 100
142 29.8 12.5 18.7#
249 32.1 22.4 33.6

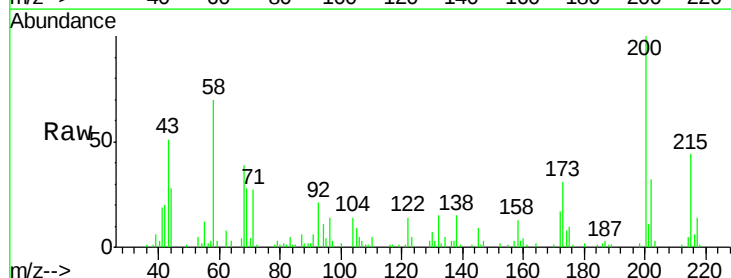


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

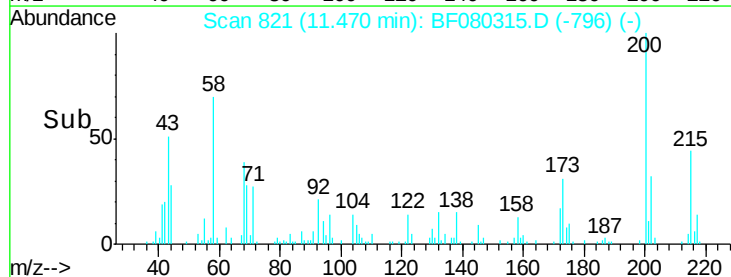
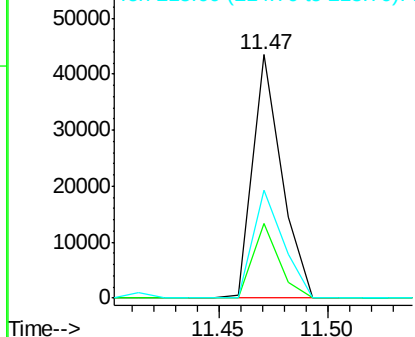


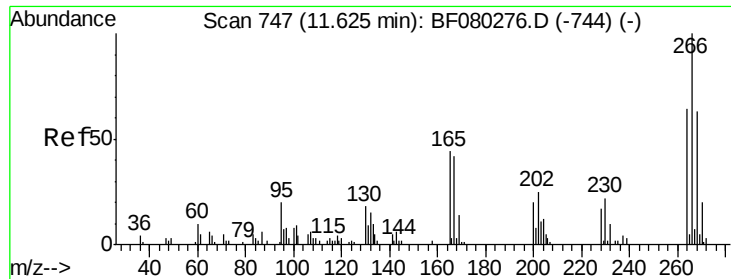
#68
Atrazine
Concen: 35.95 ng
RT: 11.47 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF080315.D
Acq: 2 Jul 2015 18:31

Tgt Ion:200 Resp: 40135
Ion Ratio Lower Upper
200 100
173 30.5 3.5 43.5
215 44.5 28.6 68.6



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

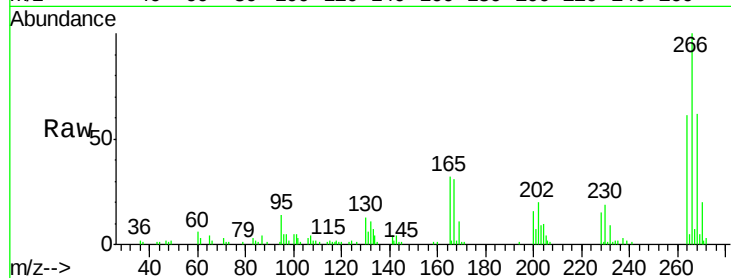




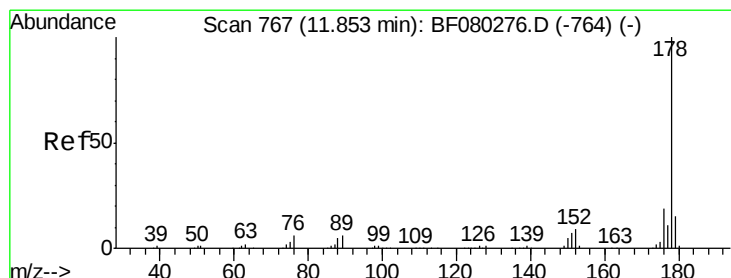
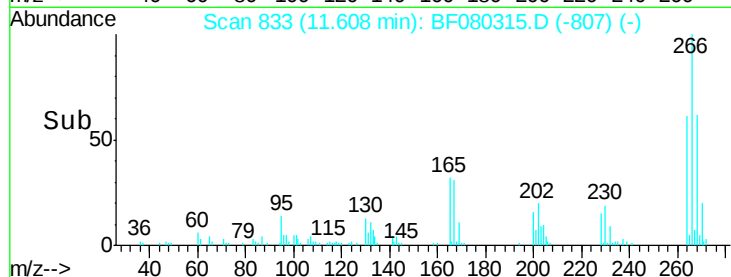
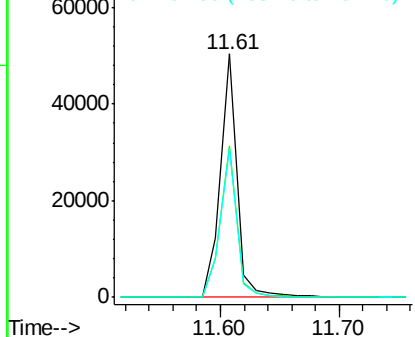
#69
 Pentachlorophenol
 Concen: 69.36 ng
 RT: 11.61 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: BF080315.D
 Acq: 2 Jul 2015 18:31

Instrument :
 BNA_F
 ClientSampleId :
 PB84340BS

Tgt Ion:266 Resp: 48320
 Ion Ratio Lower Upper
 266 100
 268 62.4 50.7 76.1
 264 61.3 51.3 76.9

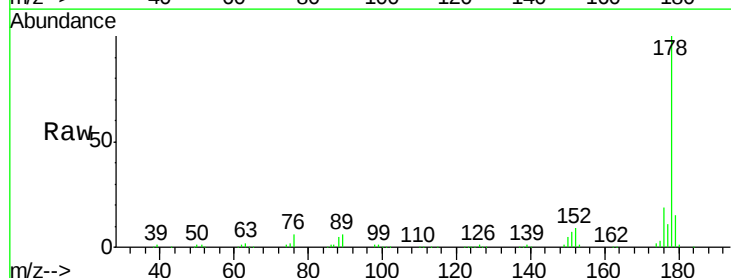


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

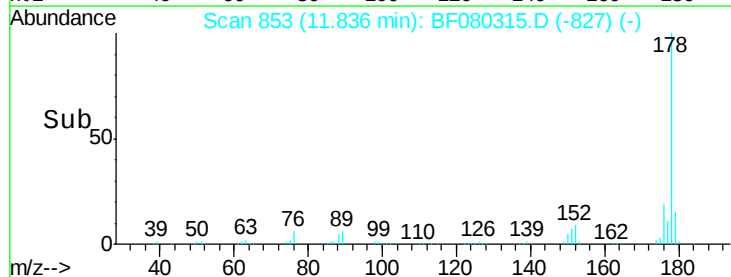
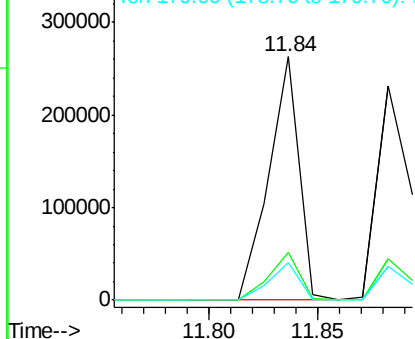


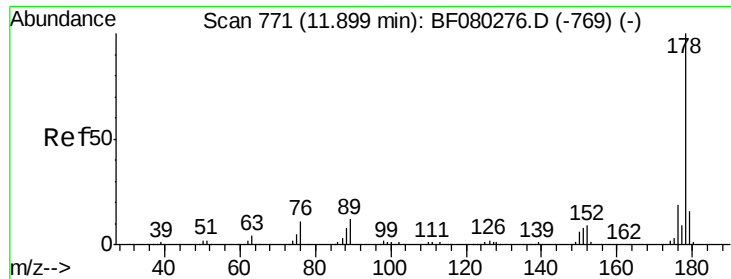
#70
 Phenanthrene
 Concen: 38.16 ng
 RT: 11.84 min Scan# 853
 Delta R.T. -0.00 min
 Lab File: BF080315.D
 Acq: 2 Jul 2015 18:31

Tgt Ion:178 Resp: 256964
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.6 23.4
 179 15.3 12.2 18.2



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

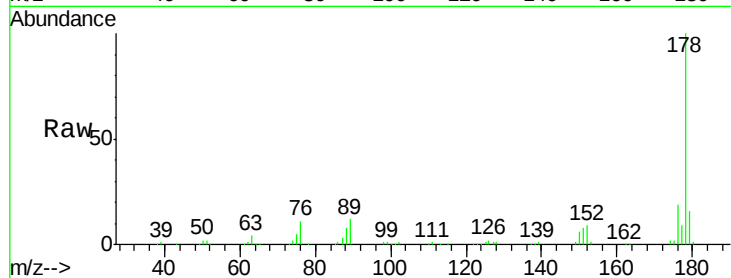




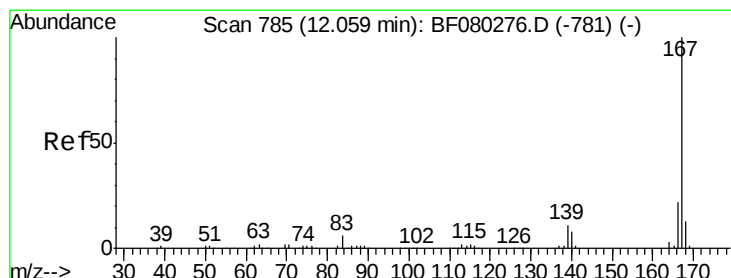
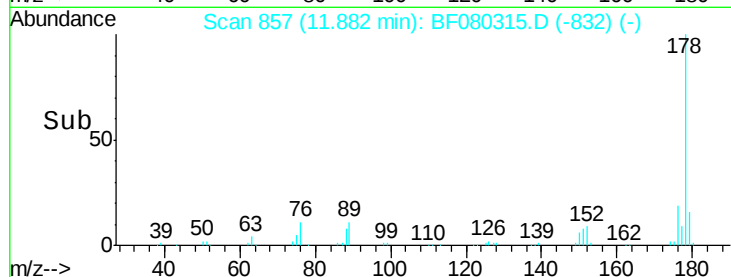
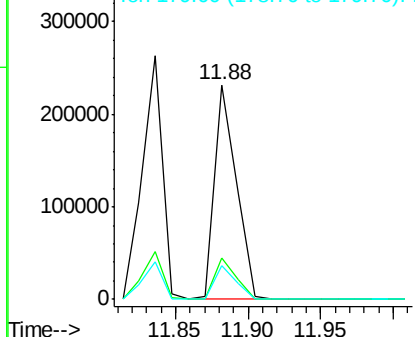
#71
 Anthracene
 Concen: 37.63 ng
 RT: 11.88 min Scan# 857
 Delta R.T. -0.01 min
 Lab File: BF080315.D
 Acq: 2 Jul 2015 18:31

Instrument :
 BNA_F
 ClientSampleId :
 PB84340BS

Tgt Ion:178 Resp: 243102
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.2 22.8
 179 16.0 12.6 18.8

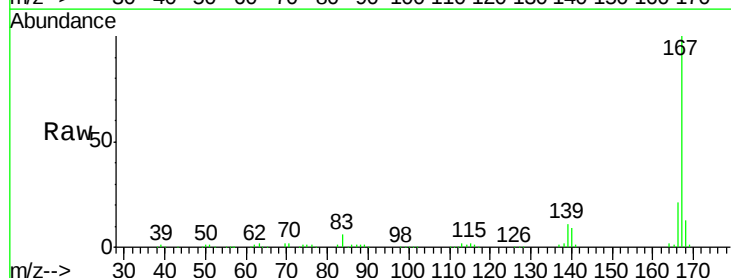


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

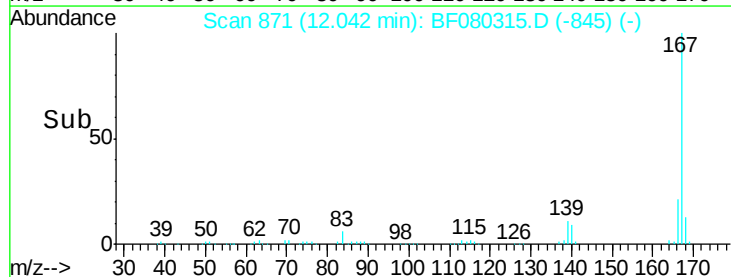
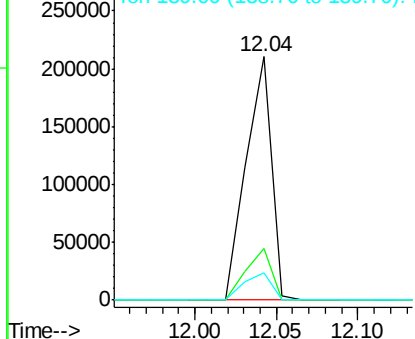


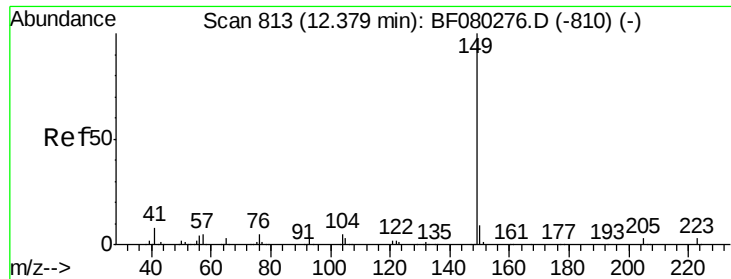
#72
 Carbazole
 Concen: 37.41 ng
 RT: 12.04 min Scan# 871
 Delta R.T. -0.00 min
 Lab File: BF080315.D
 Acq: 2 Jul 2015 18:31

Tgt Ion:167 Resp: 226042
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.3 25.9
 139 11.3 8.6 13.0



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 37.36 ng

RT: 12.37 min Scan# 900

Delta R.T. -0.01 min

Lab File: BF080315.D

Acq: 2 Jul 2015 18:31

Instrument :

BNA_F

ClientSampleId :

PB84340BS

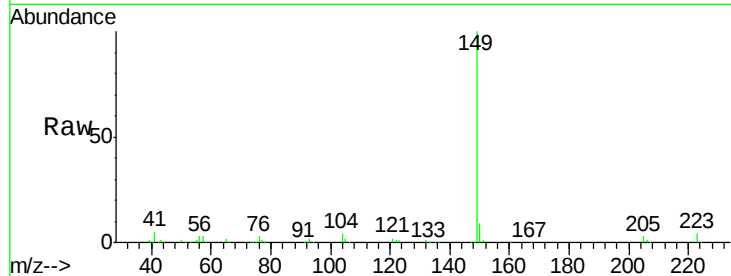
Tgt Ion:149 Resp: 242159

Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.0

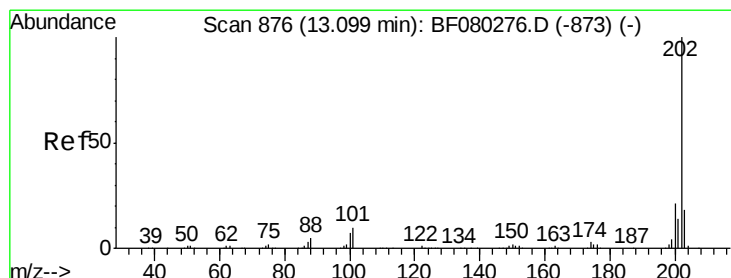
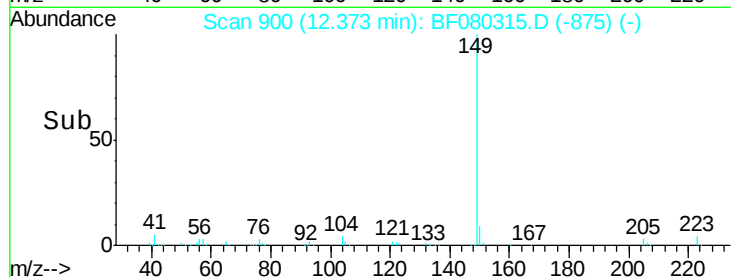
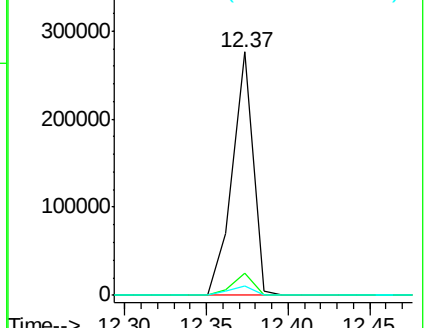
104 4.1 3.7 5.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.67 ng

RT: 13.09 min Scan# 963

Delta R.T. -0.03 min

Lab File: BF080315.D

Acq: 2 Jul 2015 18:31

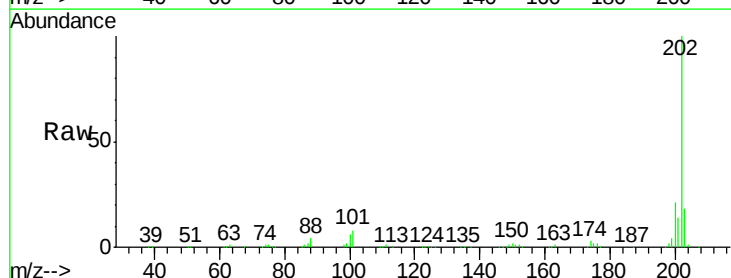
Tgt Ion:202 Resp: 269040

Ion Ratio Lower Upper

202 100

101 8.4 0.0 30.4

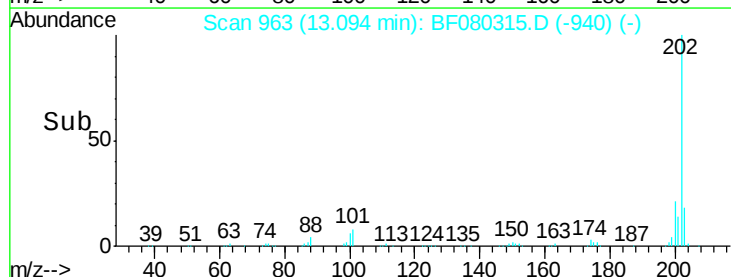
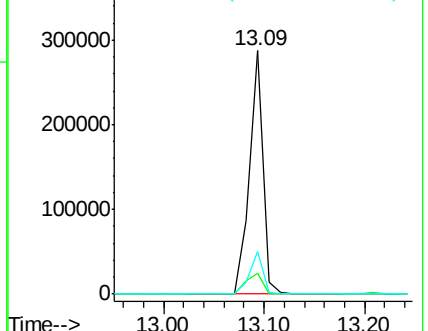
203 17.7 0.0 37.5

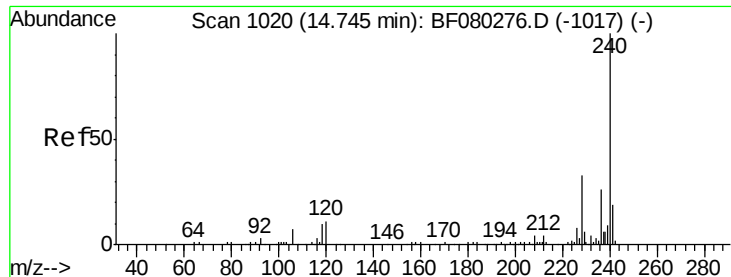


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.81 min Scan# 1113

Delta R.T. -0.05 min

Lab File: BF080315.D

Acq: 2 Jul 2015 18:31

Instrument :

BNA_F

ClientSampleId :

PB84340BS

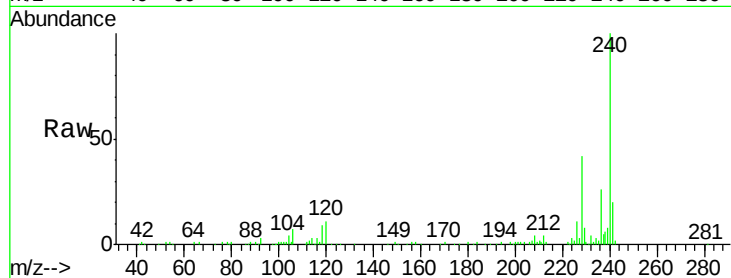
Tgt Ion:240 Resp: 130921

Ion Ratio Lower Upper

240 100

120 11.2 8.7 13.1

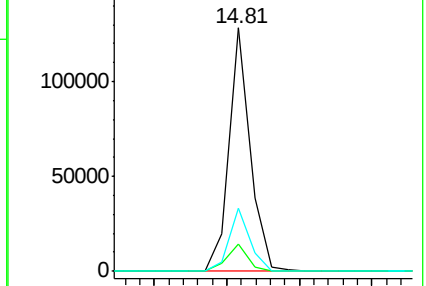
236 25.8 20.9 31.3



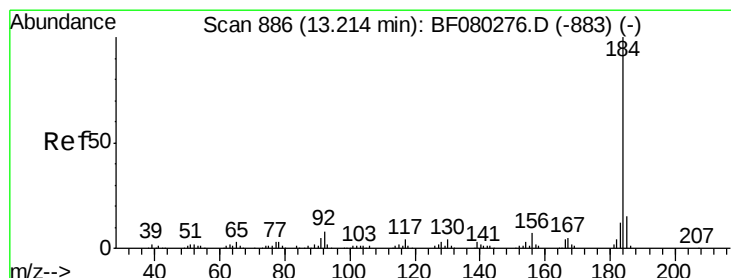
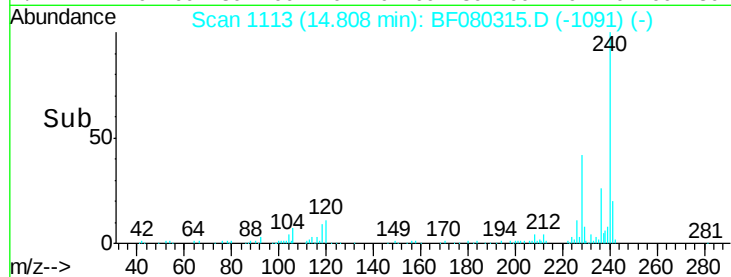
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#76

Benzidine

Concen: 43.94 ng

RT: 13.21 min Scan# 973

Delta R.T. -0.05 min

Lab File: BF080315.D

Acq: 2 Jul 2015 18:31

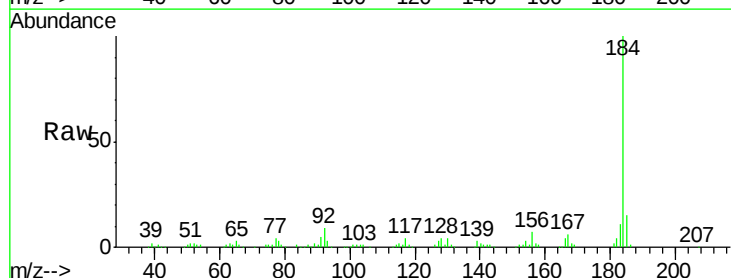
Tgt Ion:184 Resp: 168469

Ion Ratio Lower Upper

184 100

185 14.6 11.8 17.6

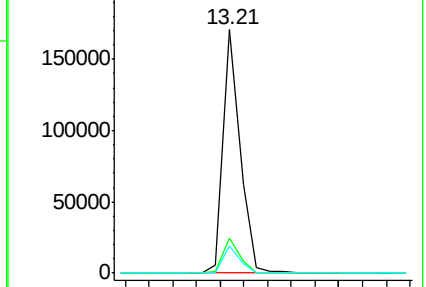
183 11.2 9.4 14.0



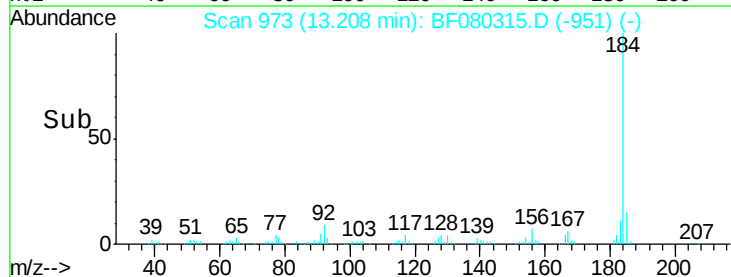
Abundance Ion 184.00 (183.70 to 184.70): E

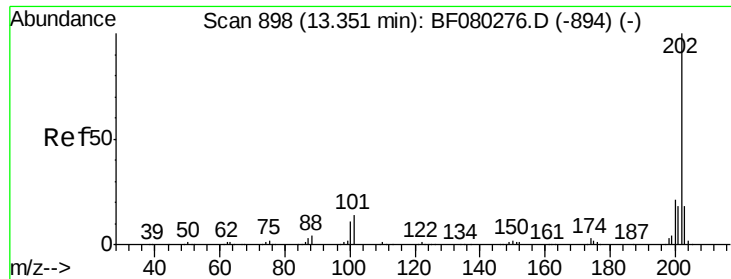
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->





#77

Pyrene

Concen: 34.36 ng

RT: 13.34 min Scan# 985

Delta R.T. -0.05 min

Lab File: BF080315.D

Acq: 2 Jul 2015 18:31

Instrument :

BNA_F

ClientSampleId :

PB84340BS

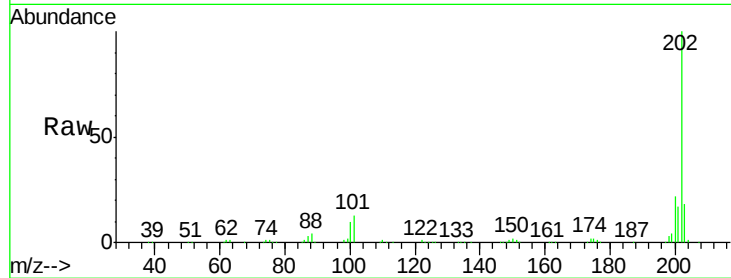
Tgt Ion:202 Resp: 287918

Ion Ratio Lower Upper

202 100

200 21.7 17.0 25.6

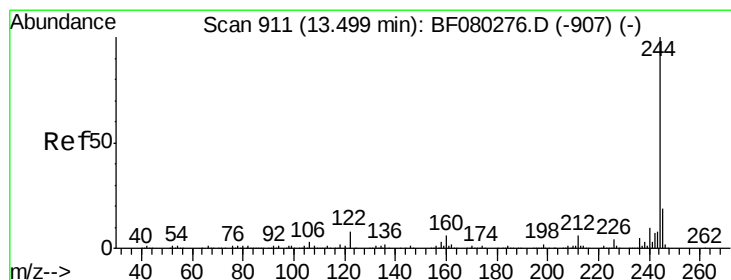
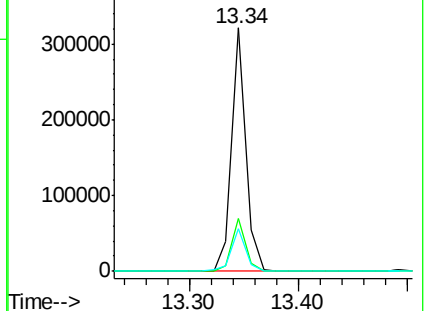
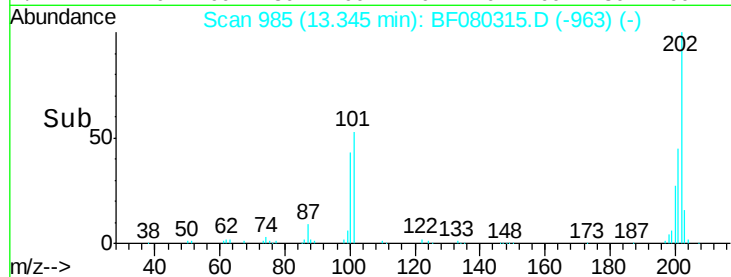
203 17.5 14.0 21.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 65.71 ng

RT: 13.49 min Scan# 998

Delta R.T. -0.05 min

Lab File: BF080315.D

Acq: 2 Jul 2015 18:31

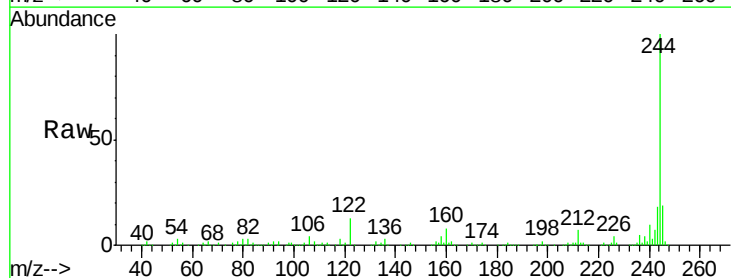
Tgt Ion:244 Resp: 367288

Ion Ratio Lower Upper

244 100

212 7.1 5.0 7.6

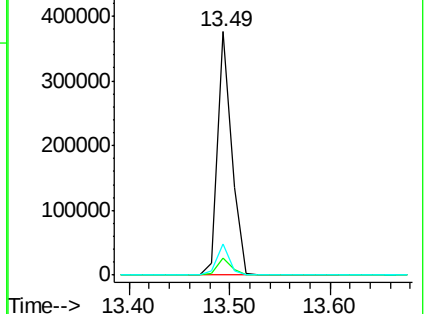
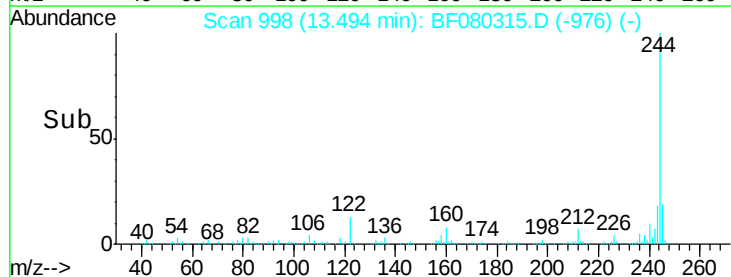
122 13.0 6.6 9.8#

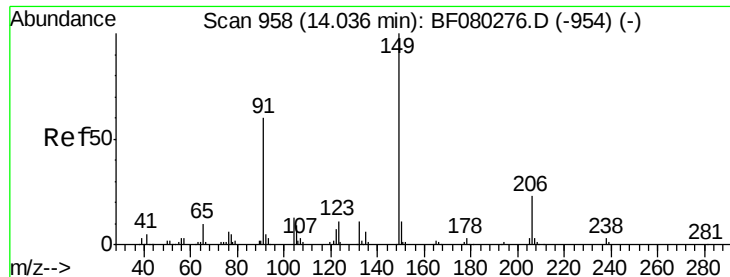


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 32.99 ng

RT: 14.05 min Scan# 1047

Delta R.T. -0.06 min

Lab File: BF080315.D

Acq: 2 Jul 2015 18:31

Instrument :

BNA_F

ClientSampleId :

PB84340BS

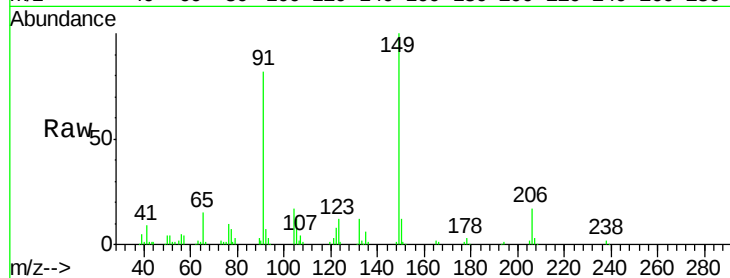
Tgt Ion:149 Resp: 105998

Ion Ratio Lower Upper

149 100

91 82.2 48.1 72.1#

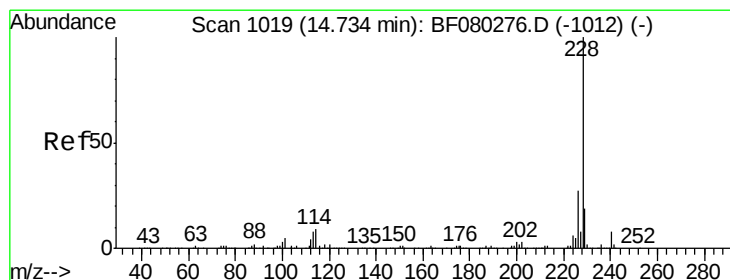
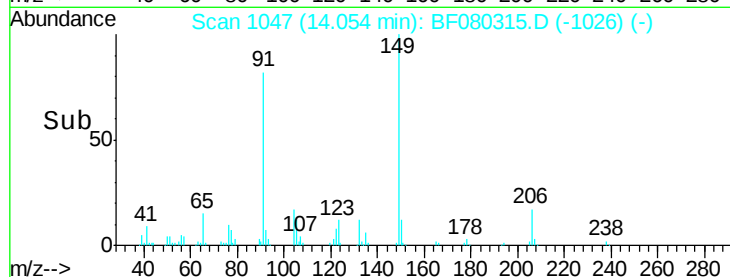
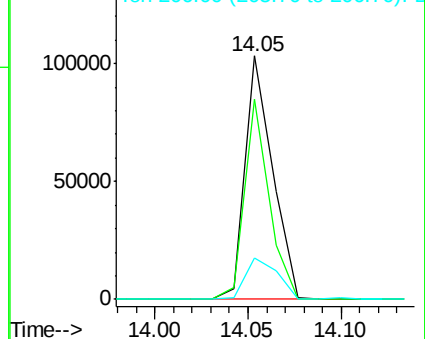
206 17.1 18.1 27.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 35.92 ng

RT: 14.80 min Scan# 1112

Delta R.T. -0.05 min

Lab File: BF080315.D

Acq: 2 Jul 2015 18:31

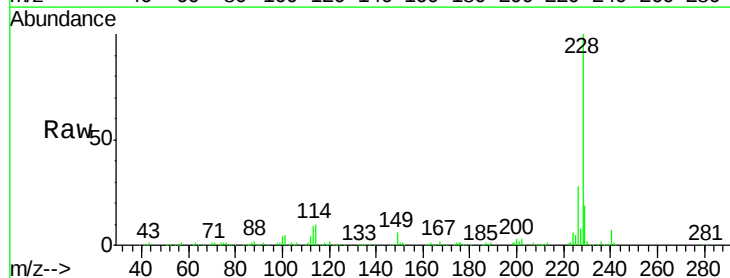
Tgt Ion:228 Resp: 284146

Ion Ratio Lower Upper

228 100

226 27.6 21.7 32.5

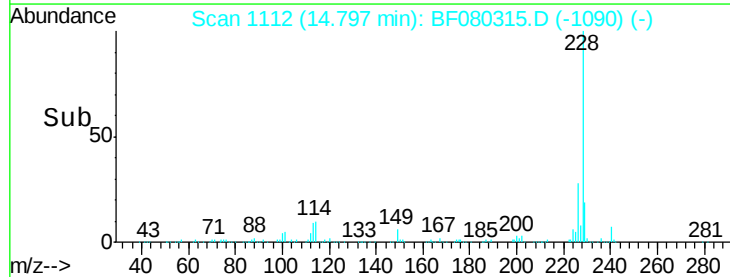
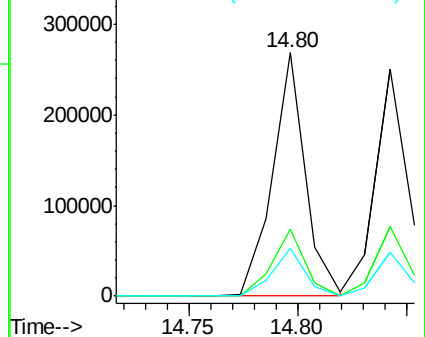
229 19.4 15.5 23.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

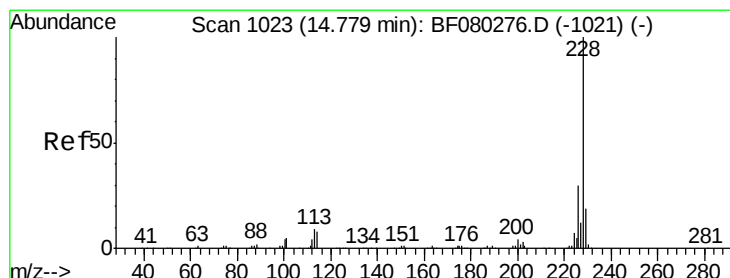
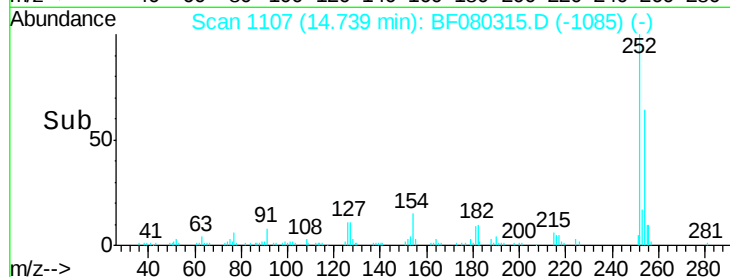
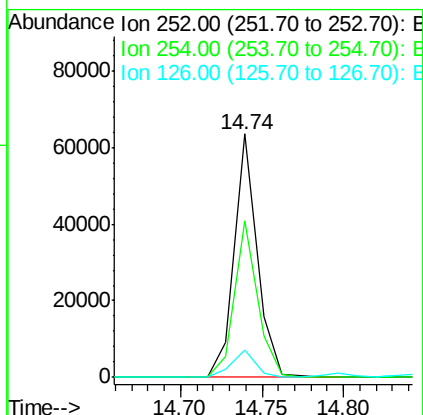
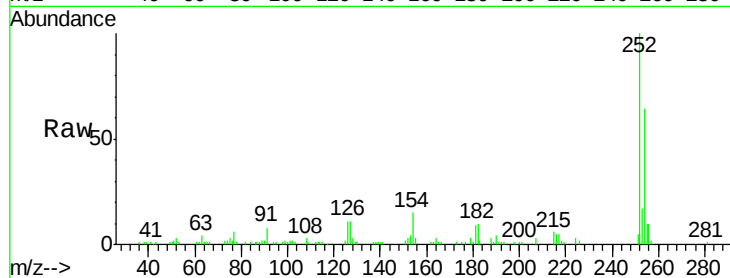




#81
 3,3'-Dichlorobenzidine
 Concen: 23.83 ng
 RT: 14.74 min Scan# 1107
 Delta R.T. -0.05 min
 Lab File: BF080315.D
 Acq: 2 Jul 2015 18:31

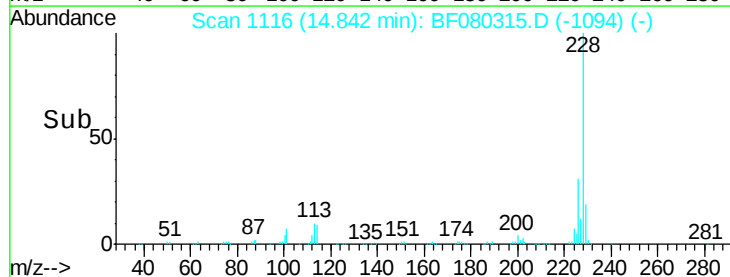
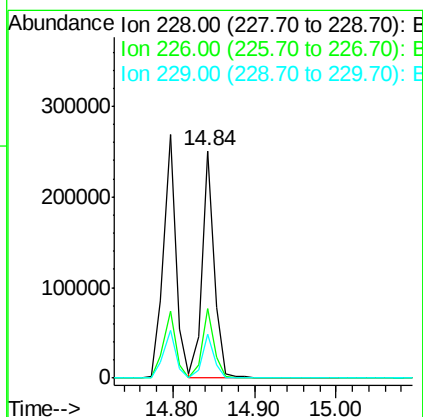
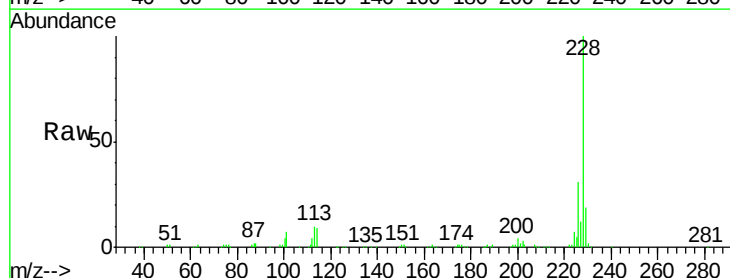
Instrument :
 BNA_F
 ClientSampleId :
 PB84340BS

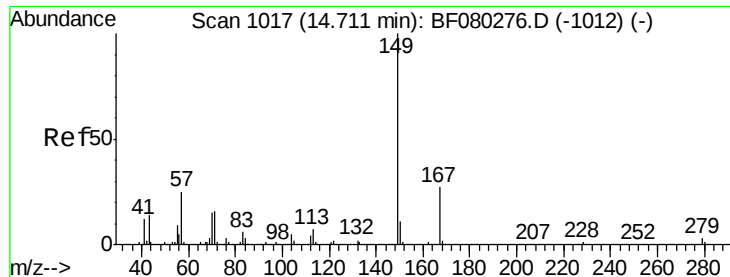
Tgt Ion: 252 Resp: 61555
 Ion Ratio Lower Upper
 252 100
 254 64.3 50.8 76.2
 126 11.0 9.0 13.6



#82
 Chrysene
 Concen: 36.48 ng
 RT: 14.84 min Scan# 1116
 Delta R.T. -0.05 min
 Lab File: BF080315.D
 Acq: 2 Jul 2015 18:31

Tgt Ion: 228 Resp: 266067
 Ion Ratio Lower Upper
 228 100
 226 30.6 24.0 36.0
 229 19.4 15.4 23.0

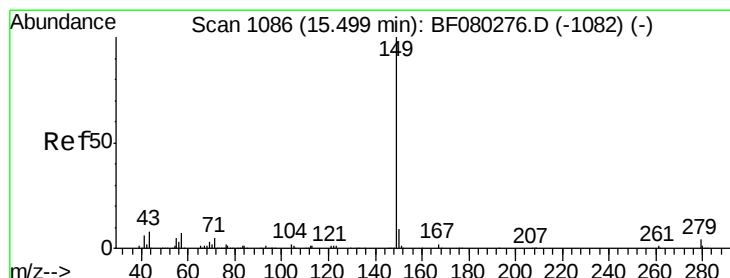
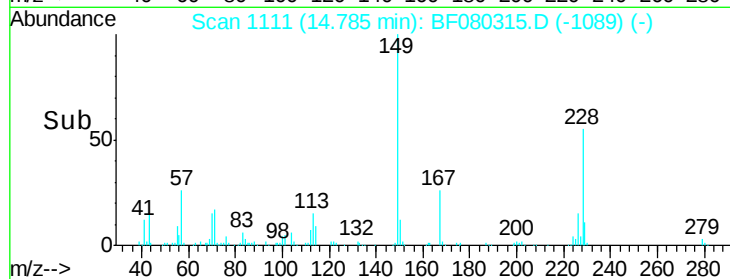
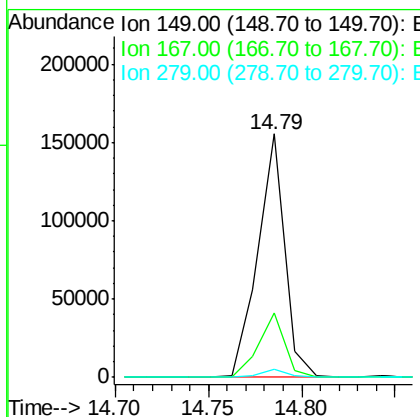
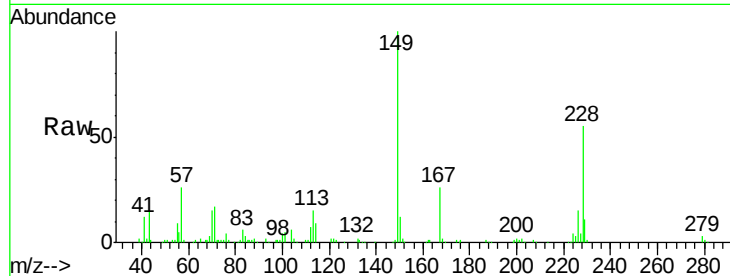




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 34.93 ng
 RT: 14.79 min Scan# 1111
 Delta R.T. -0.05 min
 Lab File: BF080315.D
 Acq: 2 Jul 2015 18:31

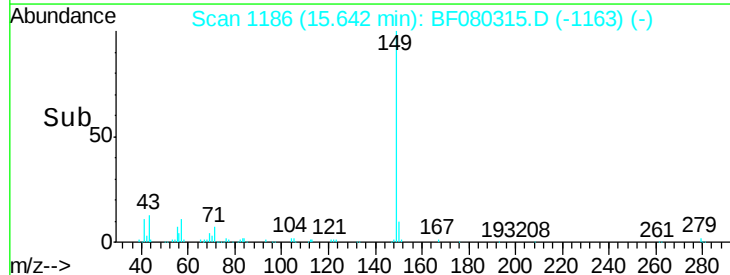
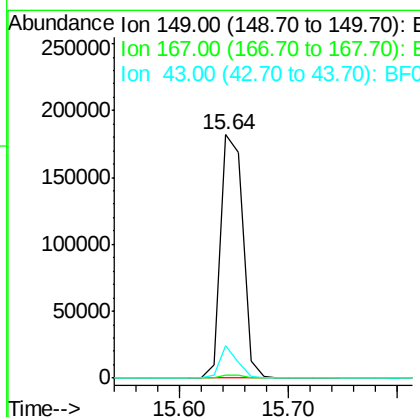
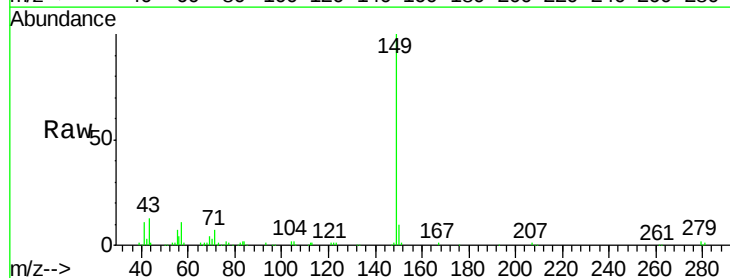
Instrument :
 BNA_F
 ClientSampleId :
 PB84340BS

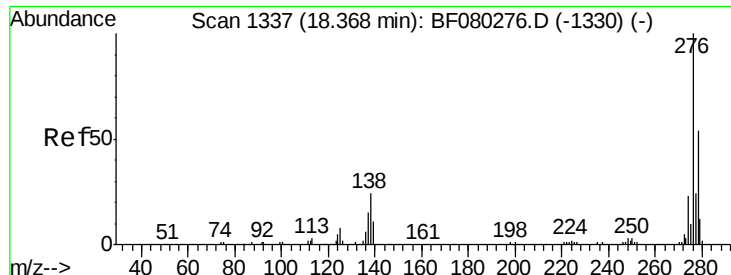
Tgt Ion:149 Resp: 157995
 Ion Ratio Lower Upper
 149 100
 167 26.3 21.7 32.5
 279 3.2 2.7 4.1



#84
 Di-n-octyl phthalate
 Concen: 33.82 ng
 RT: 15.64 min Scan# 1186
 Delta R.T. -0.03 min
 Lab File: BF080315.D
 Acq: 2 Jul 2015 18:31

Tgt Ion:149 Resp: 257750
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.2 1.8
 43 10.6 8.3 12.5

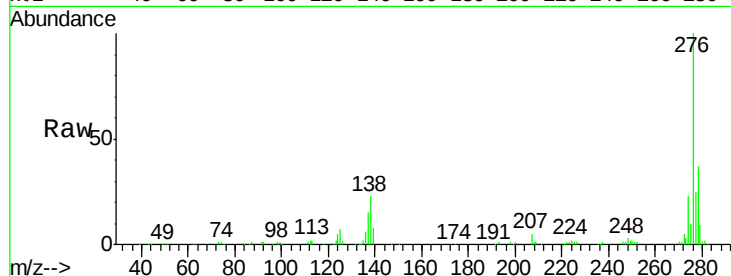




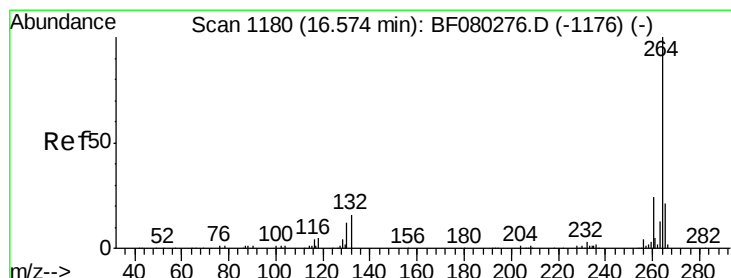
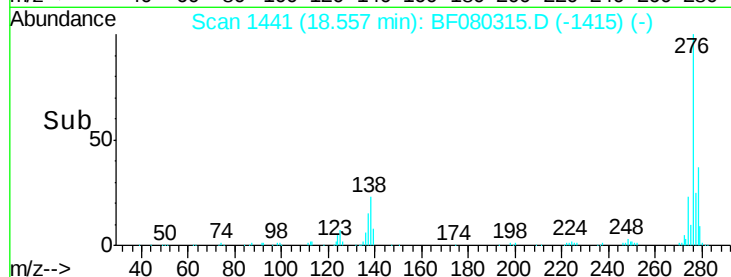
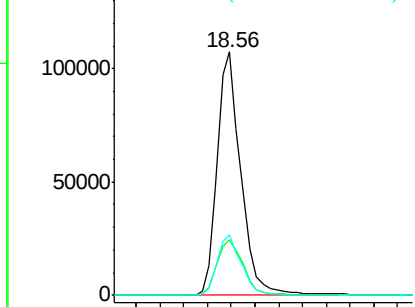
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.19 ng
 RT: 18.56 min Scan# 1441
 Delta R.T. -0.00 min
 Lab File: BF080315.D
 Acq: 2 Jul 2015 18:31

Instrument :
 BNA_F
 ClientSampleId :
 PB84340BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.0	21.0	31.6
277	25.3	19.4	29.0

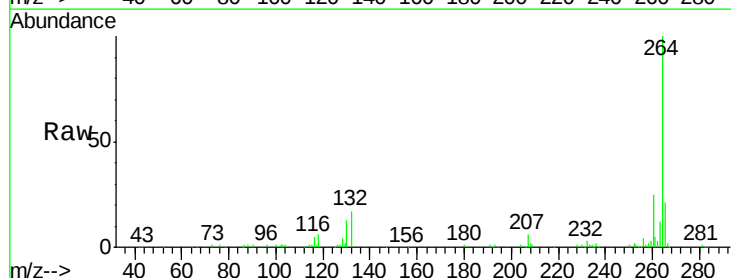


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

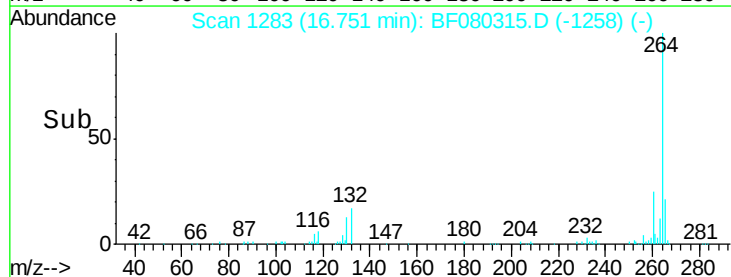
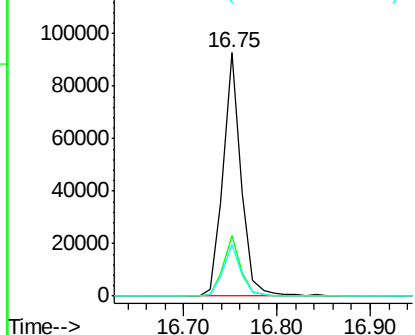


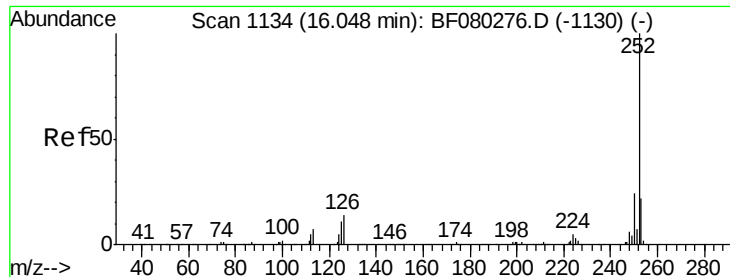
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.75 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: BF080315.D
 Acq: 2 Jul 2015 18:31

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	21.1	16.9	25.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

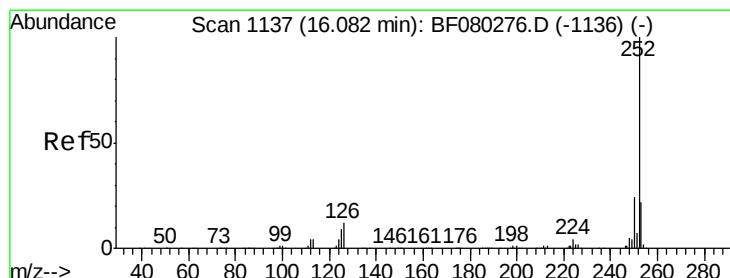
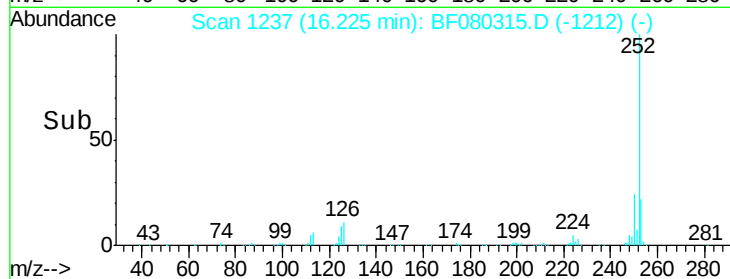
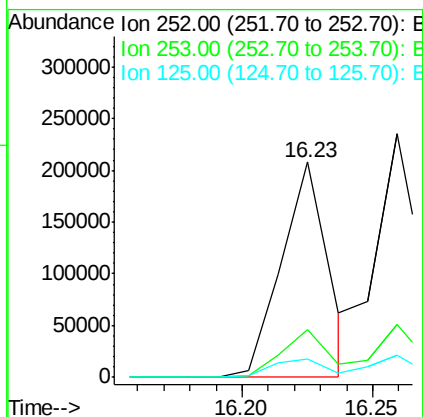
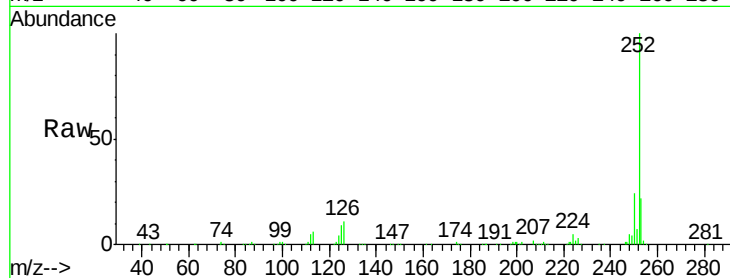




#87
Benzo(b)fluoranthene
Concen: 32.87 ng
RT: 16.23 min Scan# 1237
Delta R.T. -0.01 min
Lab File: BF080315.D
Acq: 2 Jul 2015 18:31

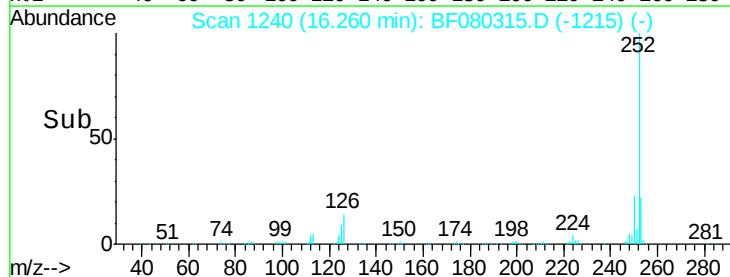
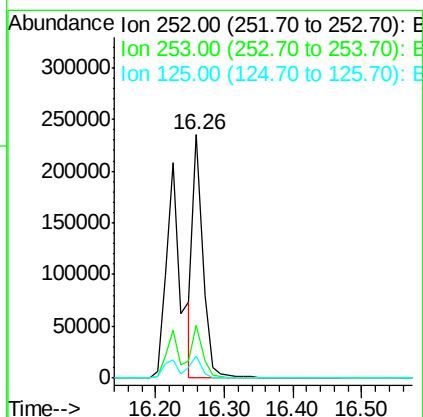
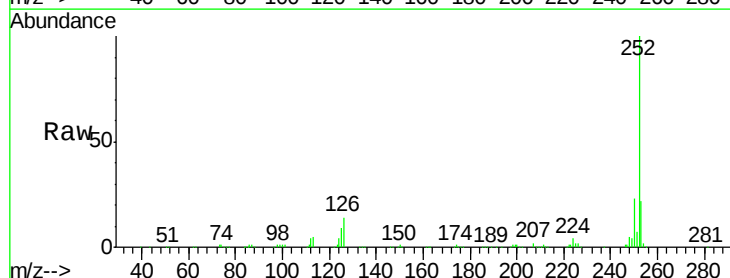
Instrument :
BNA_F
ClientSampleId :
PB84340BS

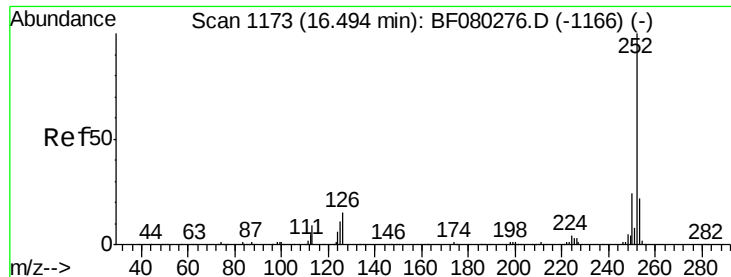
Tgt Ion: 252 Resp: 257688
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 8.7 8.6 12.8



#88
Benzo(k)fluoranthene
Concen: 31.86 ng
RT: 16.26 min Scan# 1240
Delta R.T. -0.01 min
Lab File: BF080315.D
Acq: 2 Jul 2015 18:31

Tgt Ion: 252 Resp: 235223
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 9.1 8.4 12.6





#89

Benzo(a)pyrene

Concen: 37.29 ng

RT: 16.67 min Scan# 1276

Delta R.T. -0.01 min

Lab File: BF080315.D

Acq: 2 Jul 2015 18:31

Instrument :

BNA_F

ClientSampleId :

PB84340BS

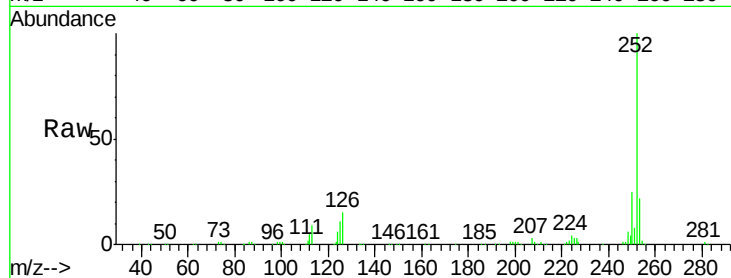
Tgt Ion:252 Resp: 266414

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

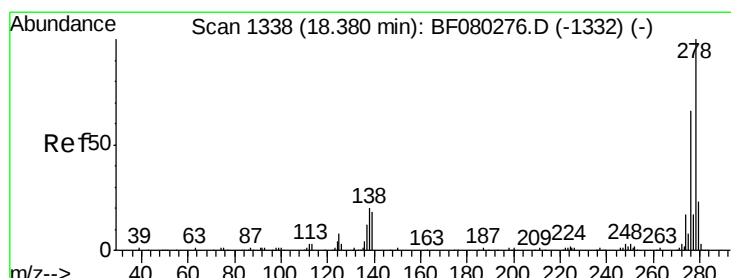
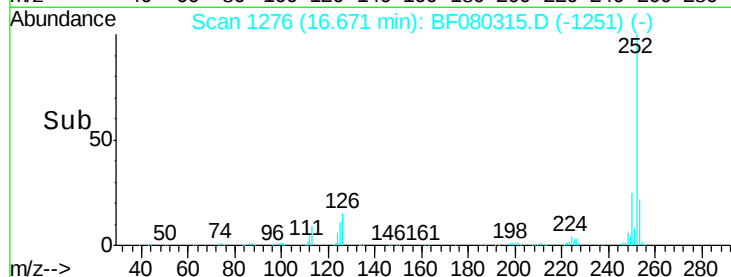
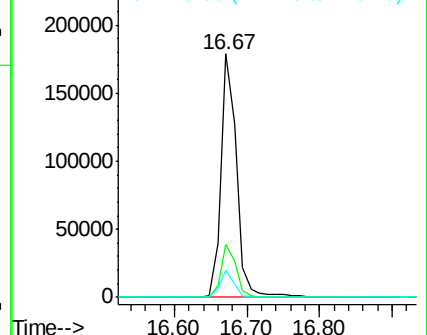
125 11.3 9.0 13.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 37.93 ng

RT: 18.58 min Scan# 1443

Delta R.T. -0.00 min

Lab File: BF080315.D

Acq: 2 Jul 2015 18:31

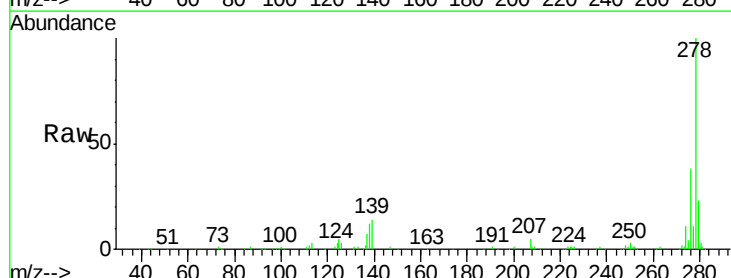
Tgt Ion:278 Resp: 254221

Ion Ratio Lower Upper

278 100

139 13.8 14.6 21.8#

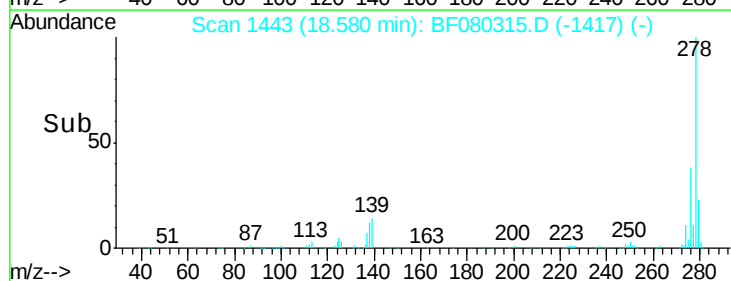
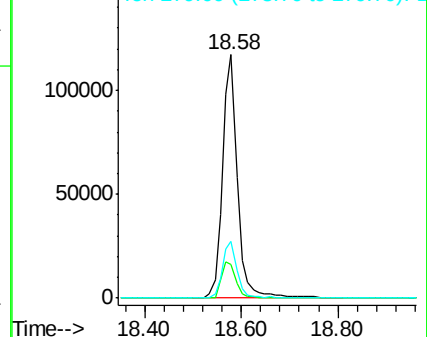
279 23.3 18.7 28.1

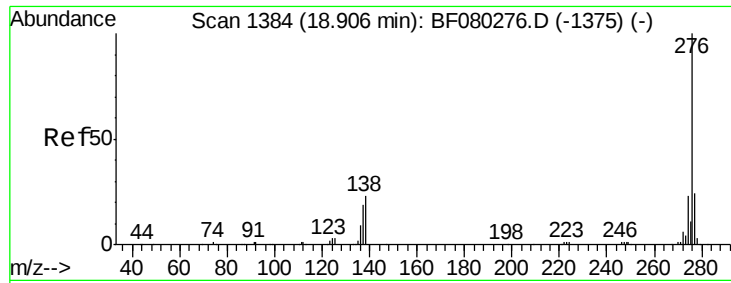


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 36.65 ng

RT: 19.09 min Scan# 1488

Delta R.T. -0.00 min

Lab File: BF080315.D

Acq: 2 Jul 2015 18:31

Instrument :

BNA_F

ClientSampleId :

PB84340BS

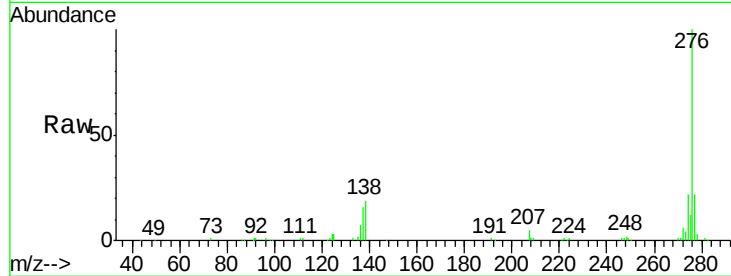
Tgt Ion:276 Resp: 256317

Ion Ratio Lower Upper

276 100

277 21.9 19.0 28.6

138 19.4 18.1 27.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

