

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070215\
 Data File : BF080318.D
 Acq On : 2 Jul 2015 19:58
 Operator : TP/UM
 Sample : PB84336BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84336BS

Quant Time: Jul 03 04:19:28 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	31308	20.00	ng	0.00
21) Naphthalene-d8	8.53	136	119845	20.00	ng	0.00
38) Acenaphthene-d10	10.30	164	58672	20.00	ng	0.00
63) Phenanthrene-d10	11.80	188	122070	20.00	ng	-0.01
75) Chrysene-d12	14.72	240	135721	20.00	ng	-0.14
86) Perylene-d12	16.55	264	128059	20.00	ng	-0.22

System Monitoring Compounds

5) 2-Fluorophenol	5.85	112	225562	124.76	ng	0.00
7) Phenol-d6	6.84	99	279945	115.35	ng	0.00
23) Nitrobenzene-d5	7.80	82	162981	74.88	ng	0.00
41) 2,4,6-Tribromophenol	11.09	330	77742	139.16	ng	0.00
44) 2-Fluorobiphenyl	9.61	172	354040	86.85	ng	0.00
78) Terphenyl-d14	13.47	244	434325	74.96	ng	-0.07

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.05	88	24542	113.12	ng	# 100
3) Pyridine	3.90	79	81584	36.46	ng	97
4) n-Nitrosodimethylamine	3.80	42	39521	39.65	ng	96
6) Aniline	6.90	93	77545	23.89	ng	# 90
8) 2-Chlorophenol	7.02	128	83267	41.93	ng	96
9) Benzaldehyde	6.78	77	47015	35.45	ng	95
10) Phenol	6.86	94	98662	36.75	ng	85
11) bis(2-Chloroethyl)ether	6.96	93	73282	36.09	ng	94
12) 1,3-Dichlorobenzene	7.18	146	94040	38.79	ng	99
13) 1,4-Dichlorobenzene	7.26	146	84123	34.85	ng	93
14) 1,2-Dichlorobenzene	7.41	146	90889	37.90	ng	97
15) Benzyl Alcohol	7.37	79	72195	38.64	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.50	45	114470	36.75	ng	100
17) 2-Methylphenol	7.47	107	62506	36.41	ng	94
18) Hexachloroethane	7.77	117	27498	36.49	ng	# 65
19) n-Nitroso-di-n-propylamine	7.63	70	53741	33.31	ng	93
20) 3+4-Methylphenols	7.63	107	92073	40.37	ng	90
22) Acetophenone	7.64	105	120617	43.08	ng	# 95
24) Nitrobenzene	7.81	77	85760	38.00	ng	95
25) Isophorone	8.05	82	159665	37.74	ng	95
26) 2-Nitrophenol	8.14	139	36145	36.67	ng	# 72
27) 2,4-Dimethylphenol	8.17	122	75706	41.84	ng	91
28) bis(2-Chloroethoxy)methane	8.26	93	102693	40.45	ng	98
29) 2,4-Dichlorophenol	8.37	162	66849	40.00	ng	94
30) 1,2,4-Trichlorobenzene	8.48	180	69774	35.79	ng	# 92
31) Naphthalene	8.56	128	244247	40.01	ng	100
32) Benzoic acid	8.22	122	27877	67.33	ng	97
33) 4-Chloroaniline	8.59	127	50684	19.57	ng	# 94
34) Hexachlorobutadiene	8.67	225	41859	34.09	ng	98
35) Caprolactam	8.93	113	19693	38.84	ng	# 73
36) 4-Chloro-3-methylphenol	9.06	107	70208	38.81	ng	88
37) 2-Methylnaphthalene	9.24	142	152139	36.40	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.41	216	70169	35.94	ng	# 98
40) Hexachlorocyclopentadiene	9.40	237	58288	76.19	ng	94

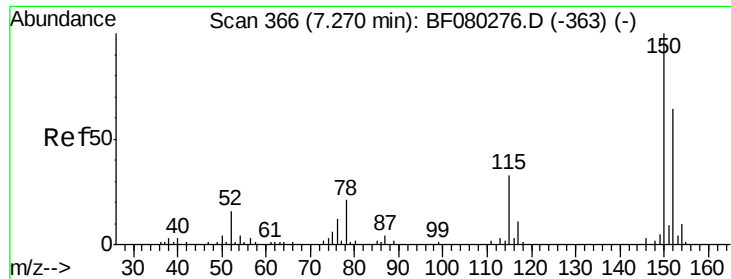
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070215\
 Data File : BF080318.D
 Acq On : 2 Jul 2015 19:58
 Operator : TP/UM
 Sample : PB84336BS
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 03 03:51:56 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.53	196	45993	37.21	ng	97
43) 2,4,5-Trichlorophenol	9.56	196	58269	43.76	ng #	93
45) 1,1'-Biphenyl	9.71	154	207902	41.67	ng	98
46) 2-Chloronaphthalene	9.74	162	151597	39.25	ng #	92
47) 2-Nitroaniline	9.82	65	48786	43.92	ng #	80
48) Acenaphthylene	10.16	152	248865	37.11	ng	99
49) Dimethylphthalate	10.00	163	185388	41.36	ng	99
50) 2,6-Dinitrotoluene	10.06	165	40917	44.66	ng #	71
51) Acenaphthene	10.34	154	161178	41.74	ng	86
52) 3-Nitroaniline	10.24	138	30196	28.73	ng	87
53) 2,4-Dinitrophenol	10.34	184	35107	88.53	ng #	55
54) Dibenzofuran	10.51	168	230486	42.29	ng	91
55) 4-Nitrophenol	10.38	139	73345	94.41	ng #	76
56) 2,4-Dinitrotoluene	10.48	165	50214	42.26	ng #	63
57) Fluorene	10.85	166	192212	42.52	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.62	232	45514	43.86	ng	94
59) Diethylphthalate	10.70	149	189733	44.54	ng	94
60) 4-Chlorophenyl-phenylether	10.84	204	82144	40.19	ng #	79
61) 4-Nitroaniline	10.85	138	42638	39.92	ng	78
62) Azobenzene	11.00	77	168829	38.53	ng	84
64) 4,6-Dinitro-2-methylphenol	10.89	198	25242	48.39	ng #	51
65) n-Nitrosodiphenylamine	10.96	169	151262	37.71	ng	98
66) 4-Bromophenyl-phenylether	11.33	248	56072	42.50	ng #	90
67) Hexachlorobenzene	11.41	284	58772	41.56	ng #	93
68) Atrazine	11.47	200	50569	41.70	ng	95
69) Pentachlorophenol	11.60	266	59255	77.46	ng	98
70) Phenanthrene	11.83	178	301340	41.20	ng	99
71) Anthracene	11.88	178	282108	40.20	ng	98
72) Carbazole	12.03	167	268449	40.91	ng	98
73) Di-n-butylphthalate	12.35	149	270148	38.37	ng	100
74) Fluoranthene	13.07	202	312107	41.30	ng	96
76) Benzidine	13.19	184	177080	44.55	ng	100
77) Pyrene	13.32	202	333918	38.44	ng	99
79) Butylbenzylphthalate	14.01	149	119112	35.76	ng	96
80) Benzo(a)anthracene	14.71	228	318098	38.79	ng	99
81) 3,3'-Dichlorobenzidine	14.65	252	76895	28.72	ng #	98
82) Chrysene	14.75	228	297669	39.37	ng	99
83) Bis(2-ethylhexyl)phthalate	14.68	149	166169	35.44	ng #	96
84) Di-n-octyl phthalate	15.48	149	265294	33.58	ng	98
85) Indeno(1,2,3-cd)pyrene	18.32	276	334503	39.35	ng	98
87) Benzo(b)fluoranthene	16.03	252	295906	36.58	ng #	97
88) Benzo(k)fluoranthene	16.07	252	317575	41.69	ng	98
89) Benzo(a)pyrene	16.48	252	304585	41.32	ng #	97
90) Dibenzo(a,h)anthracene	18.34	278	284409	41.12	ng	98
91) Benzo(g,h,i)perylene	18.85	276	290751	40.29	ng	99

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

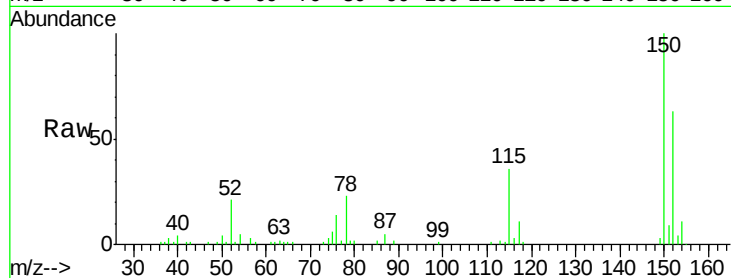


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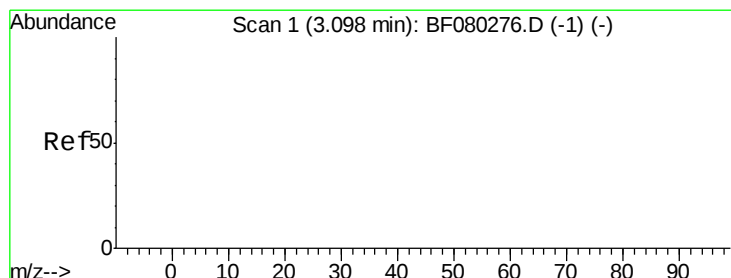
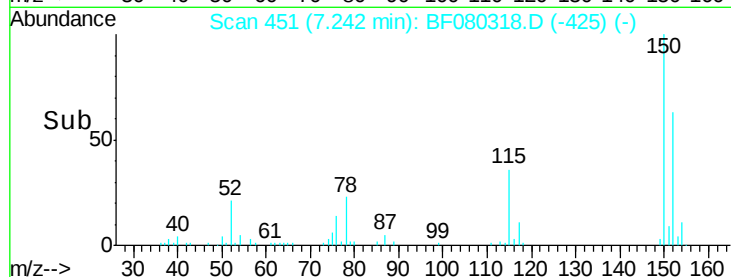
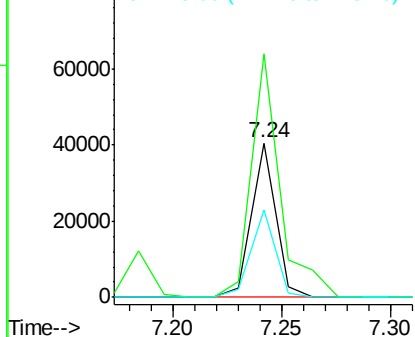
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.24 min Scan# 451
Delta R.T. 0.00 min
Lab File: BF080318.D
Acq: 2 Jul 2015 19:58

Instrument :
BNA_F
ClientSampleId :
PB84336BS

Tgt Ion:152 Resp: 31308
Ion Ratio Lower Upper
152 100
150 158.1 124.7 187.1
115 57.0 41.0 61.6



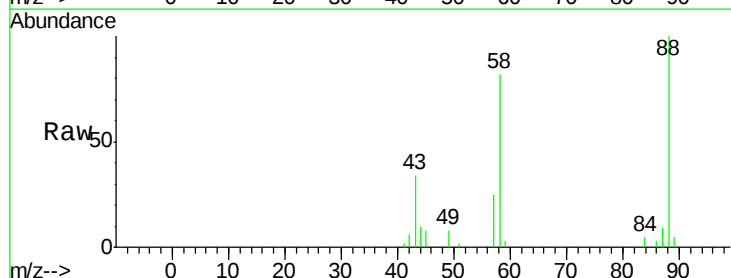
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



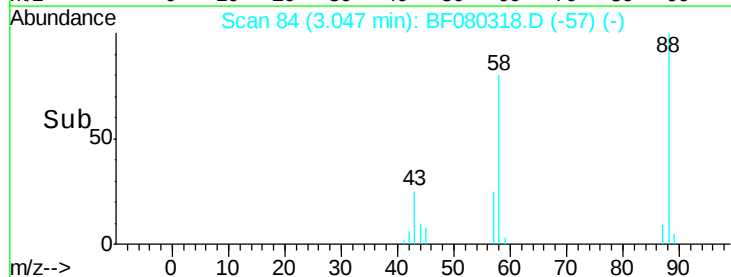
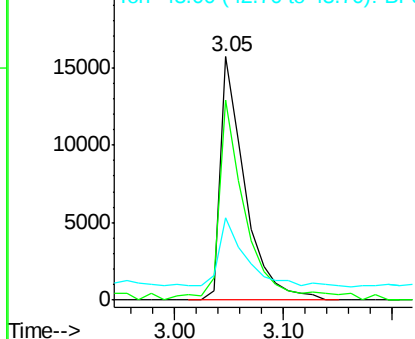
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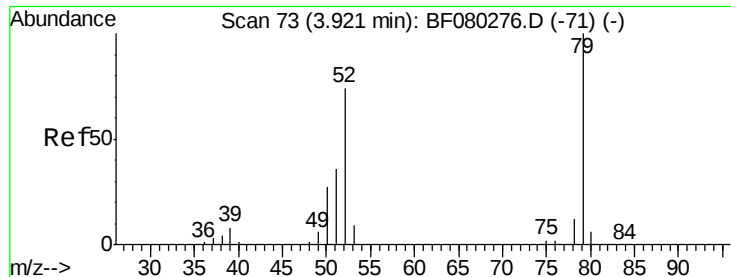
1,4-Dioxane
Concen: 113.12 ng
RT: 3.05 min Scan# 84
Delta R.T. 0.01 min
Lab File: BF080318.D
Acq: 2 Jul 2015 19:58

Tgt Ion: 88 Resp: 24542
Ion Ratio Lower Upper
88 100
58 92.4 0.0 0.0#
43 31.5 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: 36.46 ng

RT: 3.90 min Scan# 159

Delta R.T. 0.02 min

Lab File: BF080318.D

Acq: 2 Jul 2015 19:58

Instrument :

BNA_F

ClientSampleId :

PB84336BS

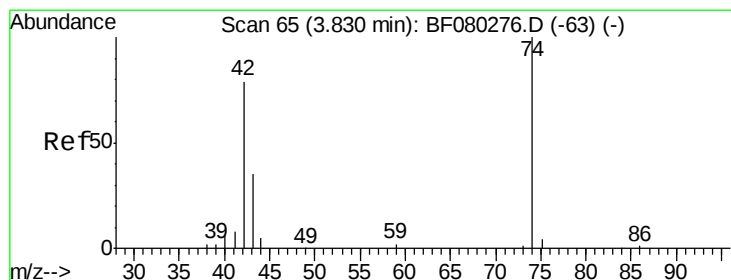
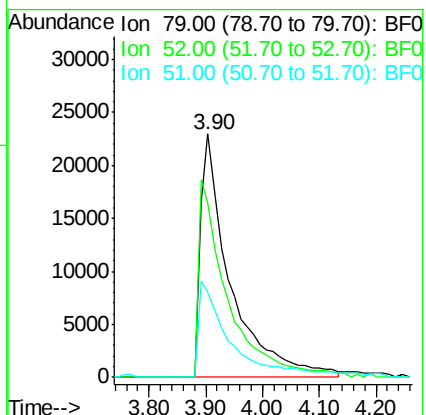
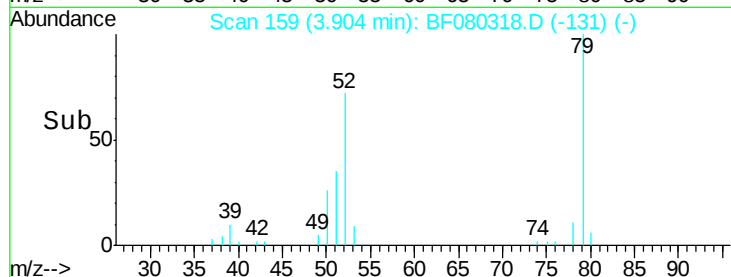
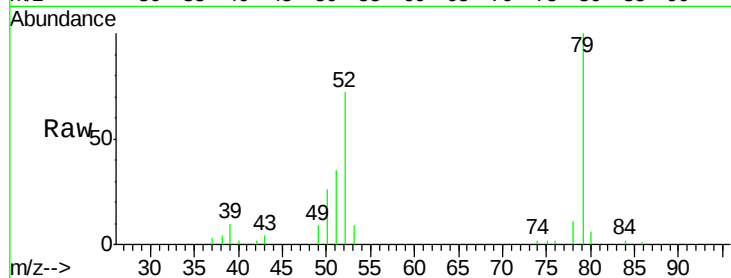
Tgt Ion: 79 Resp: 81584

Ion Ratio Lower Upper

79 100

52 71.5 59.3 88.9

51 35.1 29.0 43.6



#4

n-Nitrosodimethylamine

Concen: 39.65 ng

RT: 3.80 min Scan# 150

Delta R.T. 0.01 min

Lab File: BF080318.D

Acq: 2 Jul 2015 19:58

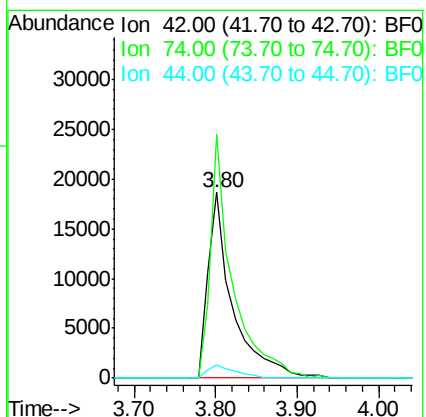
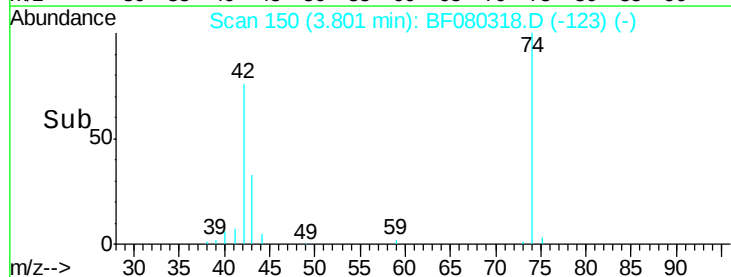
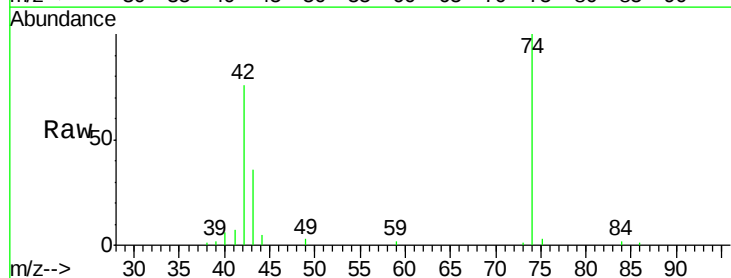
Tgt Ion: 42 Resp: 39521

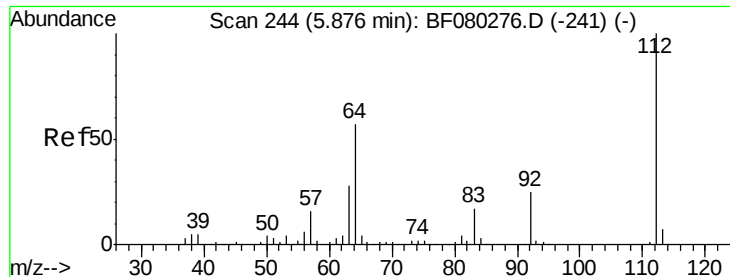
Ion Ratio Lower Upper

42 100

74 131.1 101.4 152.2

44 6.8 6.3 9.5





#5

2-Fluorophenol

Concen: 124.76 ng

RT: 5.85 min Scan# 329

Delta R.T. 0.00 min

Lab File: BF080318.D

Acq: 2 Jul 2015 19:58

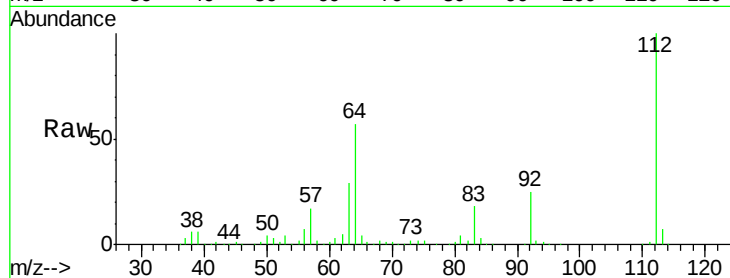
Instrument :

BNA_F

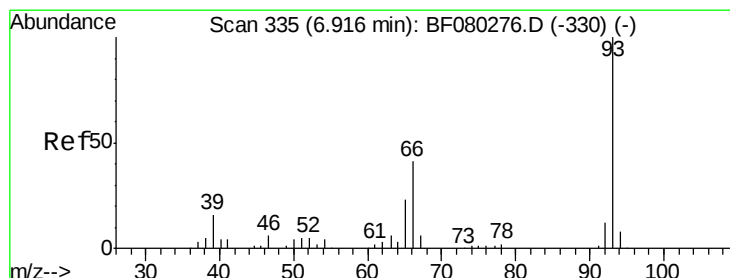
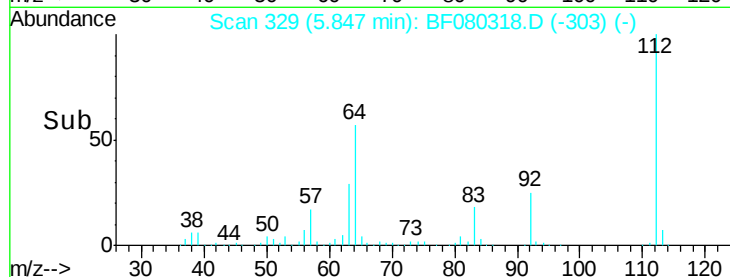
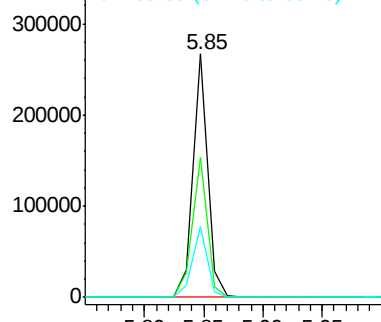
ClientSampleId :

PB84336BS

Tgt Ion:	112	Resp:	225562
Ion Ratio	Lower	Upper	
112	100		
64	57.3	45.5	68.3
63	29.2	22.4	33.6



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 23.89 ng

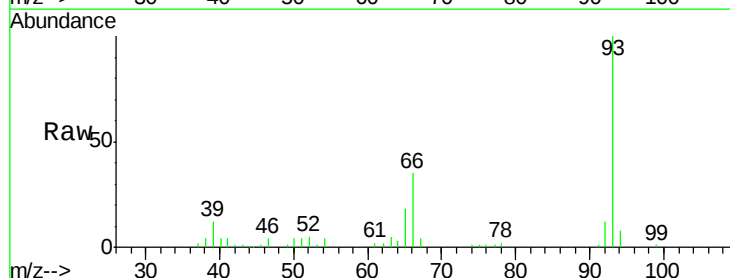
RT: 6.90 min Scan# 421

Delta R.T. 0.00 min

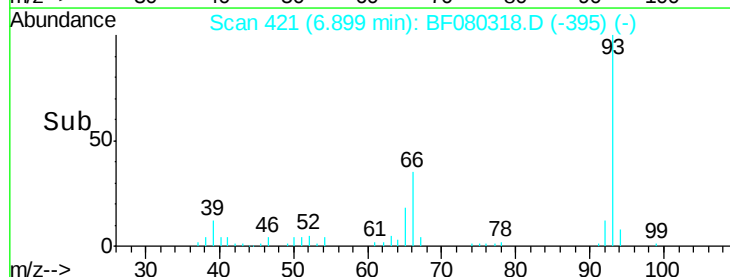
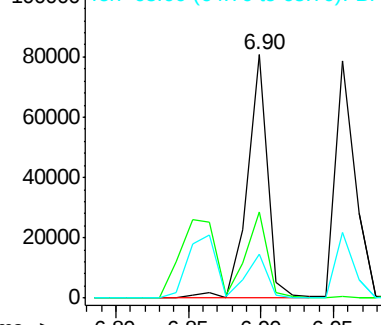
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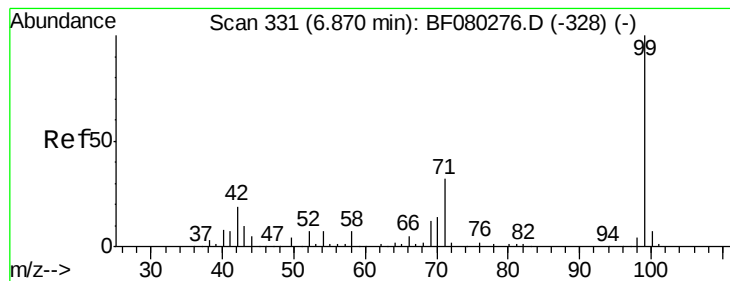
Acq: 2 Jul 2015 19:58

Tgt Ion:	93	Resp:	77545
Ion Ratio	Lower	Upper	
93	100		
66	35.3	33.7	50.5
65	18.2	18.3	27.5#



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 115.35 ng

RT: 6.84 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF080318.D

Acq: 2 Jul 2015 19:58

Instrument :

BNA_F

ClientSampleId :

PB84336BS

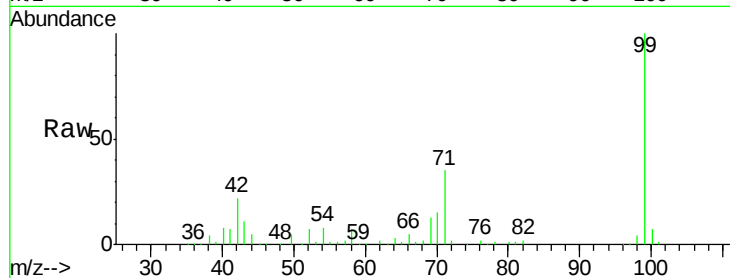
Tgt Ion: 99 Resp: 279945

Ion Ratio Lower Upper

99 100

42 22.4 15.4 23.2

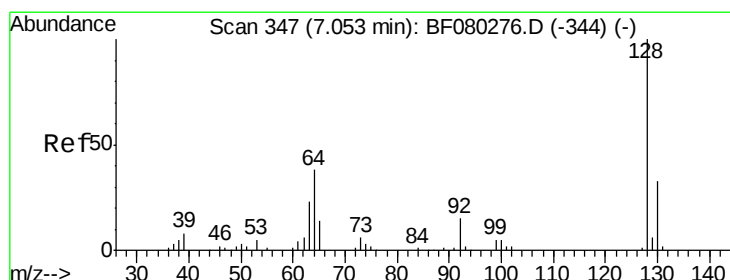
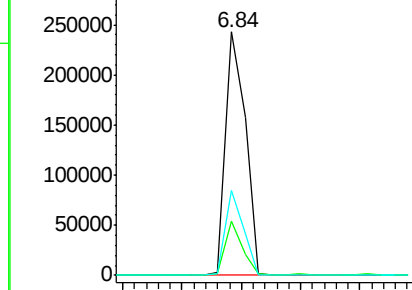
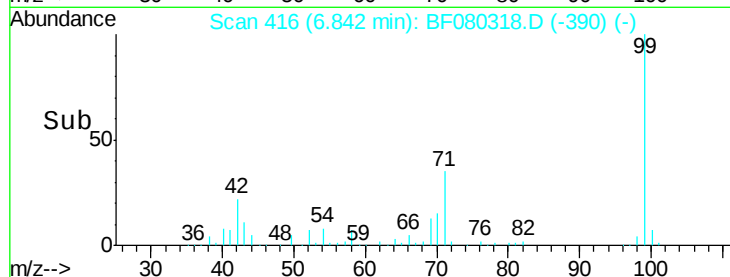
71 35.1 25.8 38.8



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: 41.93 ng

RT: 7.02 min Scan# 432

Delta R.T. 0.00 min

Lab File: BF080318.D

Acq: 2 Jul 2015 19:58

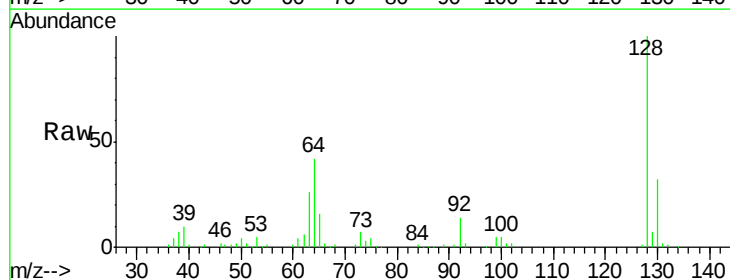
Tgt Ion: 128 Resp: 83267

Ion Ratio Lower Upper

128 100

130 32.2 13.4 53.4

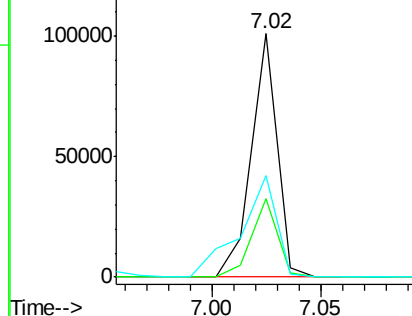
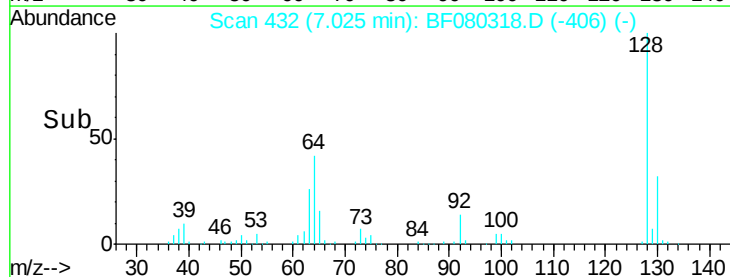
64 41.6 18.5 58.5

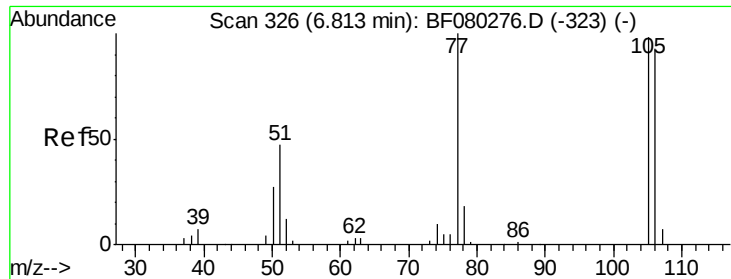


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 35.45 ng

RT: 6.78 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF080318.D

Acq: 2 Jul 2015 19:58

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PB84336BS

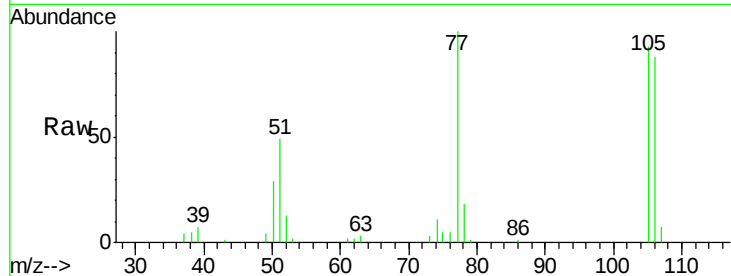
Tgt Ion: 77 Resp: 47015

Ion Ratio Lower Upper

77 100

105 92.5 78.2 118.2

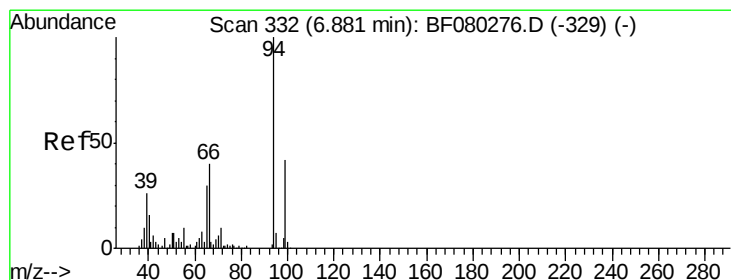
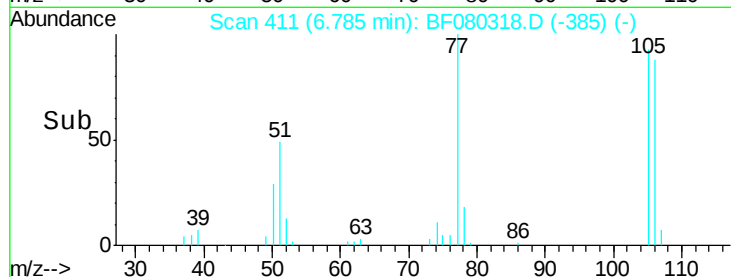
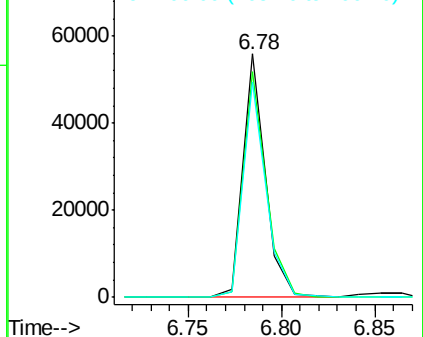
106 88.4 72.5 112.5



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: 36.75 ng

RT: 6.86 min Scan# 418

Delta R.T. 0.00 min

Lab File: BF080318.D

Acq: 2 Jul 2015 19:58

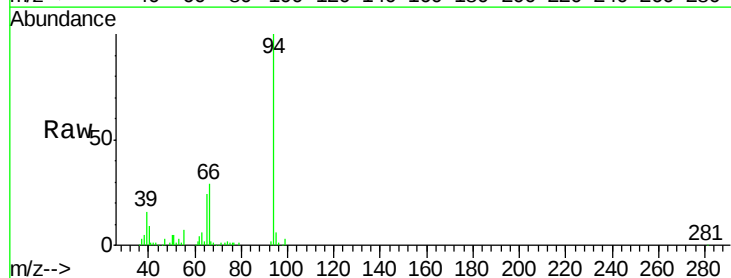
Tgt Ion: 94 Resp: 98662

Ion Ratio Lower Upper

94 100

65 23.8 9.6 49.6

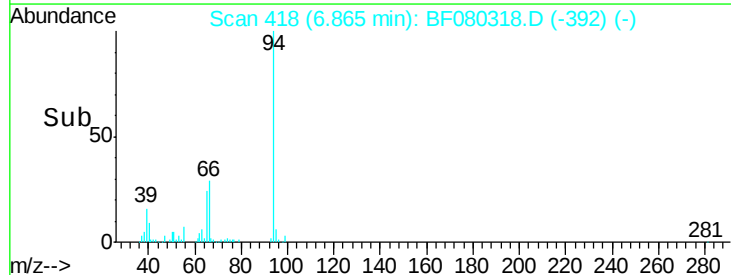
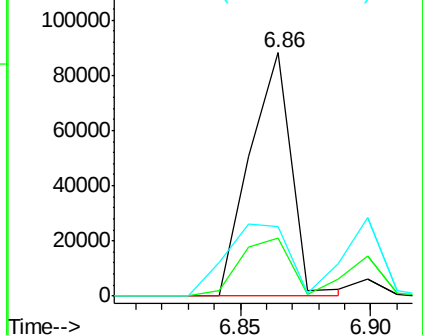
66 28.7 19.7 59.7

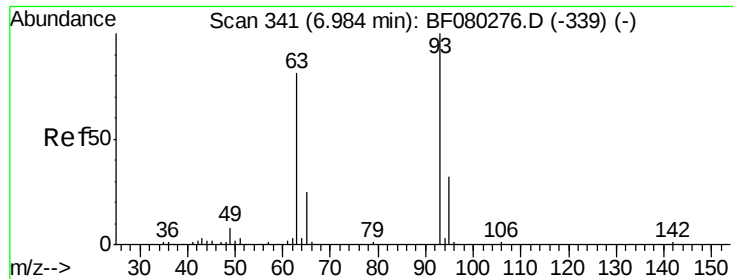


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

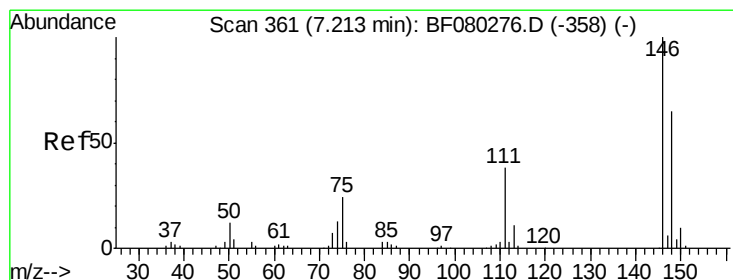
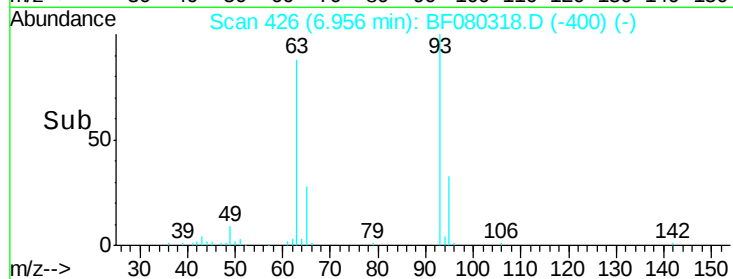
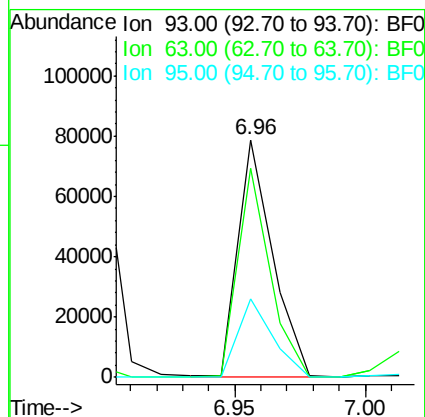
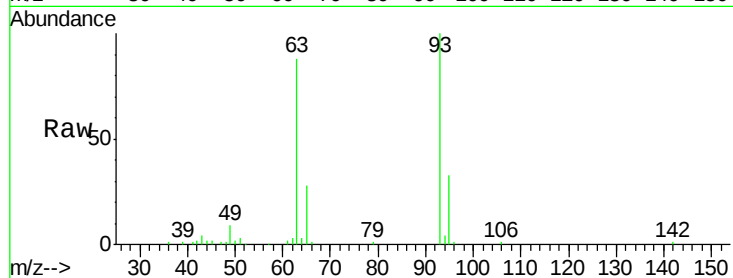




#11
bis(2-Chloroethyl)ether
Concen: 36.09 ng
RT: 6.96 min Scan# 426
Delta R.T. 0.00 min
Lab File: BF080318.D
Acq: 2 Jul 2015 19:58

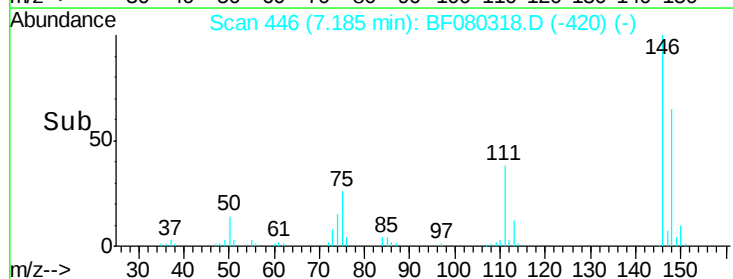
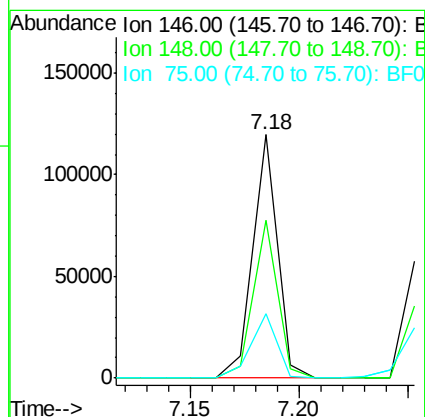
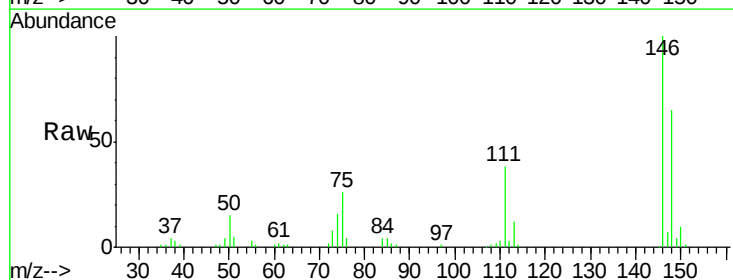
Instrument :
BNA_F
ClientSampleId :
PB84336BS

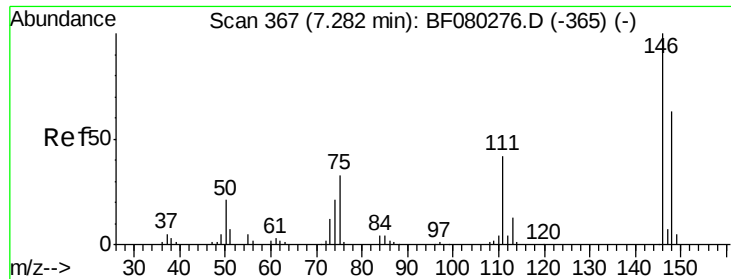
Tgt Ion: 93 Resp: 73282
Ion Ratio Lower Upper
93 100
63 88.3 61.0 101.0
95 32.8 12.0 52.0



#12
1,3-Dichlorobenzene
Concen: 38.79 ng
RT: 7.18 min Scan# 446
Delta R.T. 0.00 min
Lab File: BF080318.D
Acq: 2 Jul 2015 19:58

Tgt Ion: 146 Resp: 94040
Ion Ratio Lower Upper
146 100
148 65.0 51.8 77.6
75 26.3 19.4 29.2

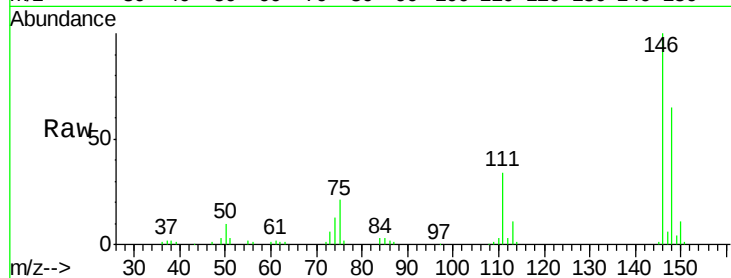




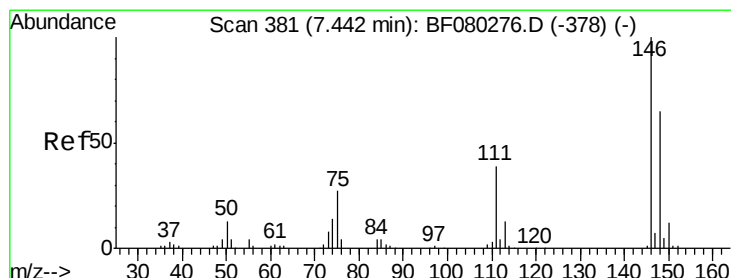
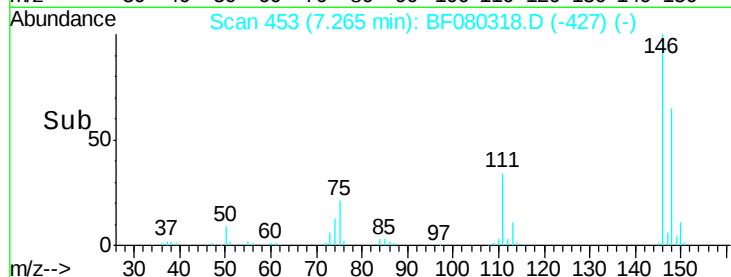
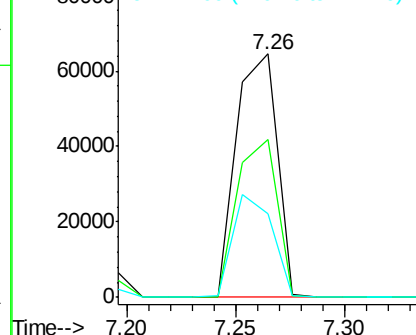
#13
 1,4-Dichlorobenzene
 Concen: 34.85 ng
 RT: 7.26 min Scan# 453
 Delta R.T. 0.00 min
 Lab File: BF080318.D
 Acq: 2 Jul 2015 19:58

Instrument :
 BNA_F
 ClientSampleId :
 PB84336BS

Tgt Ion:146 Resp: 84123
 Ion Ratio Lower Upper
 146 100
 148 64.6 50.2 75.2
 111 34.1 33.8 50.8

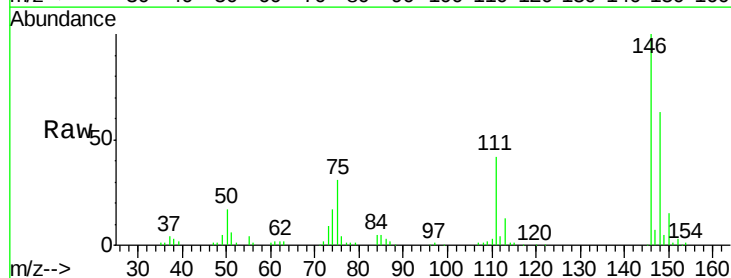


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

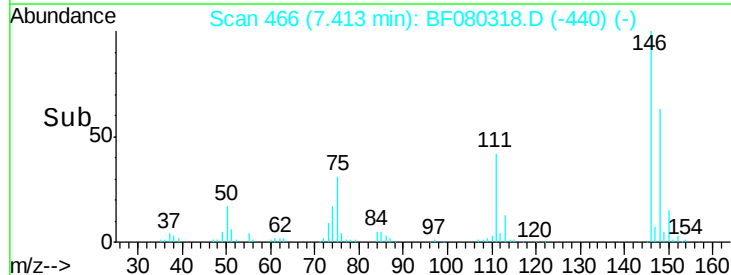
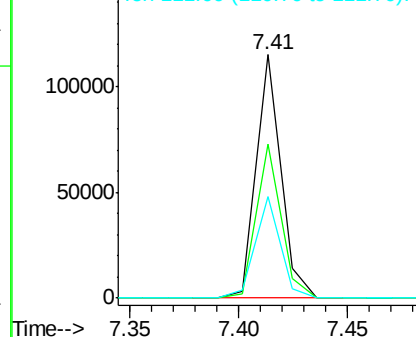


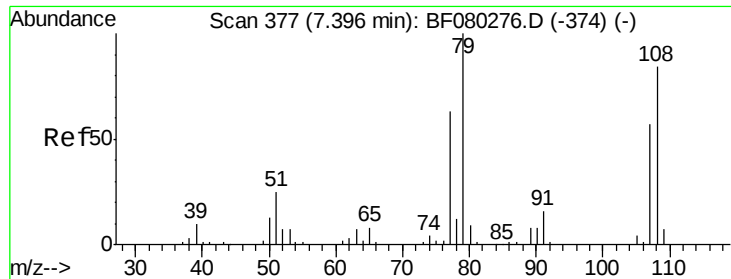
#14
 1,2-Dichlorobenzene
 Concen: 37.90 ng
 RT: 7.41 min Scan# 466
 Delta R.T. 0.00 min
 Lab File: BF080318.D
 Acq: 2 Jul 2015 19:58

Tgt Ion:146 Resp: 90889
 Ion Ratio Lower Upper
 146 100
 148 63.3 52.2 78.4
 111 41.9 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: 38.64 ng

RT: 7.37 min Scan# 462

Delta R.T. 0.00 min

Lab File: BF080318.D

Acq: 2 Jul 2015 19:58

Instrument :

BNA_F

ClientSampleId :

PB84336BS

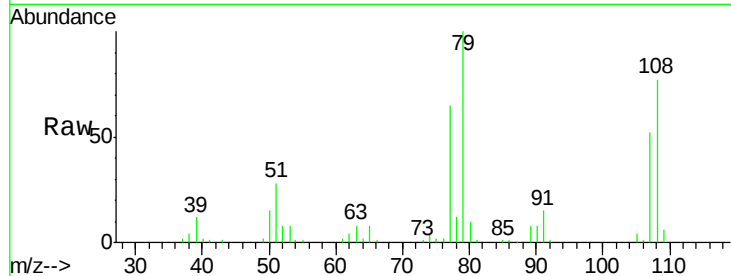
Tgt Ion: 79 Resp: 72195

Ion Ratio Lower Upper

79 100

108 77.0 67.1 100.7

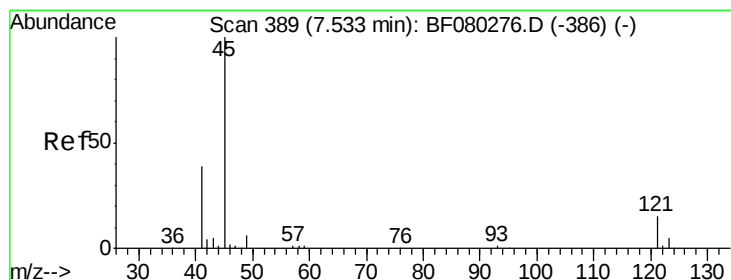
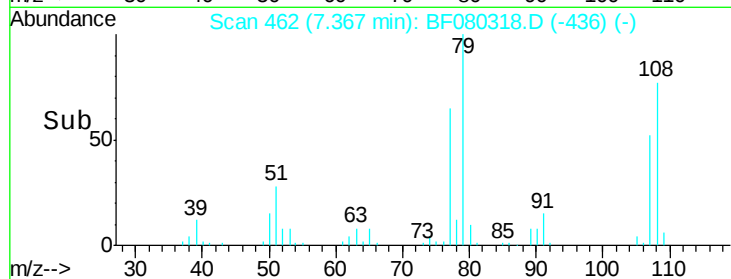
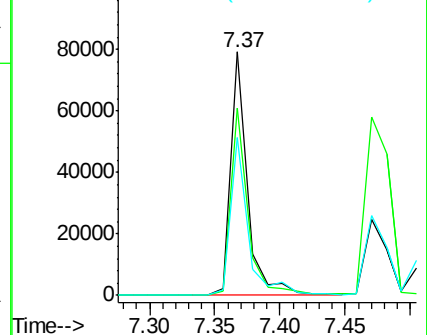
77 64.9 50.7 76.1



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: 36.75 ng

RT: 7.50 min Scan# 474

Delta R.T. -0.01 min

Lab File: BF080318.D

Acq: 2 Jul 2015 19:58

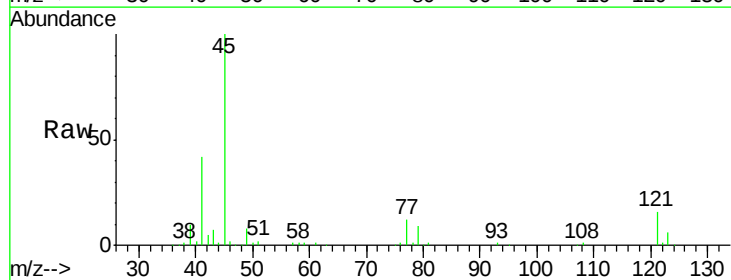
Tgt Ion: 45 Resp: 114470

Ion Ratio Lower Upper

45 100

77 12.0 0.0 32.0

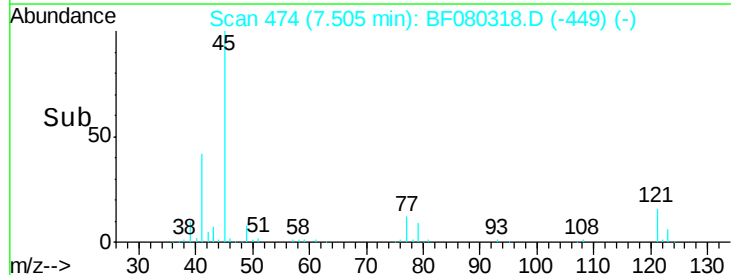
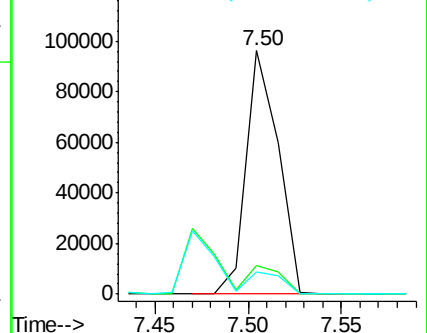
79 9.2 0.0 29.3

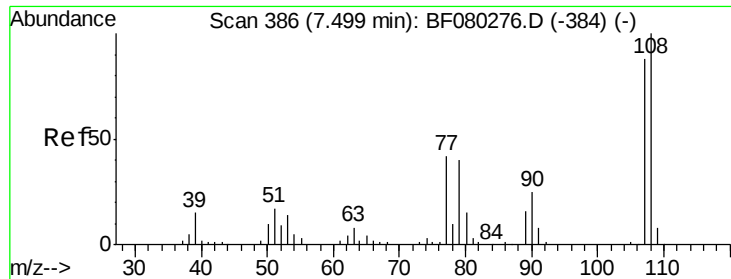


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

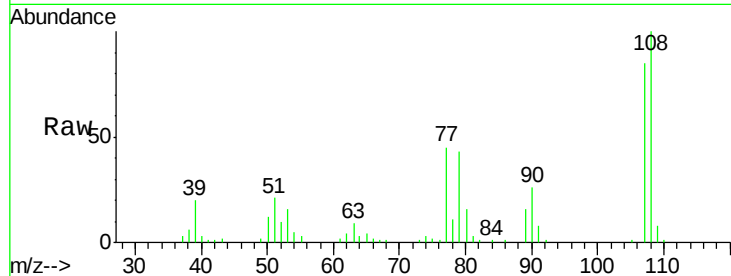




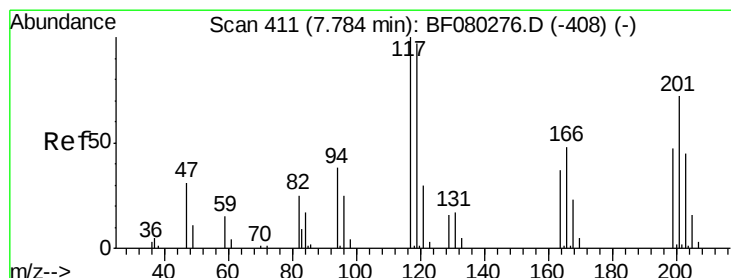
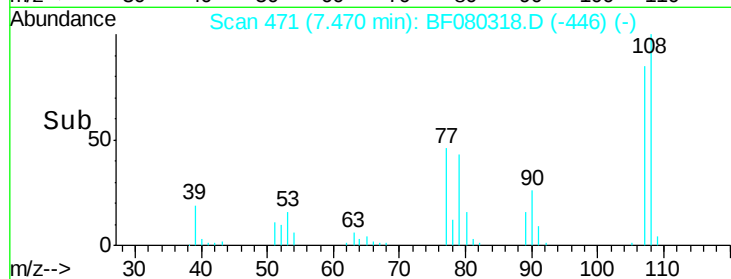
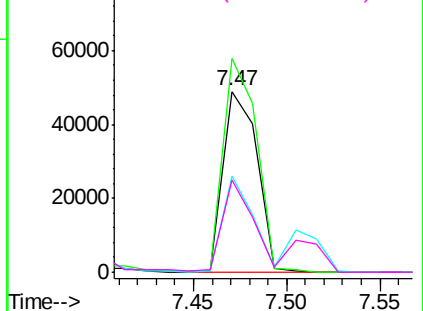
#17
 2-Methylphenol
 Concen: 36.41 ng
 RT: 7.47 min Scan# 471
 Delta R.T. -0.01 min
 Lab File: BF080318.D
 Acq: 2 Jul 2015 19:58

Instrument :
 BNA_F
 ClientSampleId :
 PB84336BS

Tgt Ion:107 Resp: 62506
 Ion Ratio Lower Upper
 107 100
 108 118.2 90.6 136.0
 77 53.3 38.0 57.0
 79 50.7 36.4 54.6

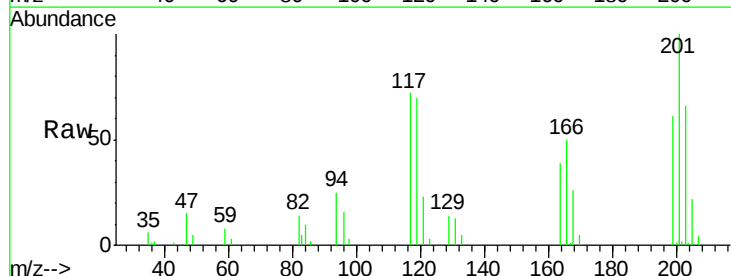


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 77.00 (76.70 to 77.70): BF0
 Ion 79.00 (78.70 to 79.70): BF0

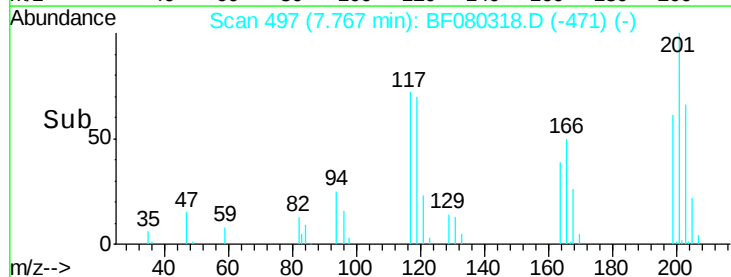
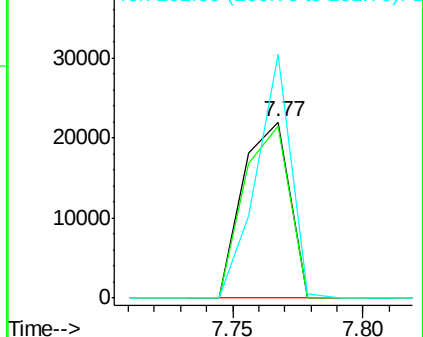


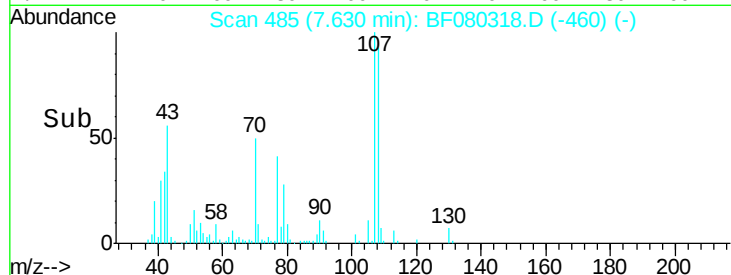
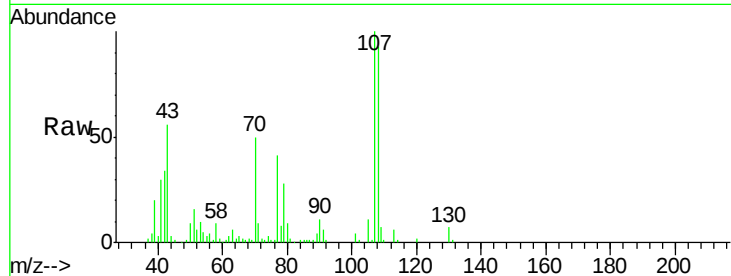
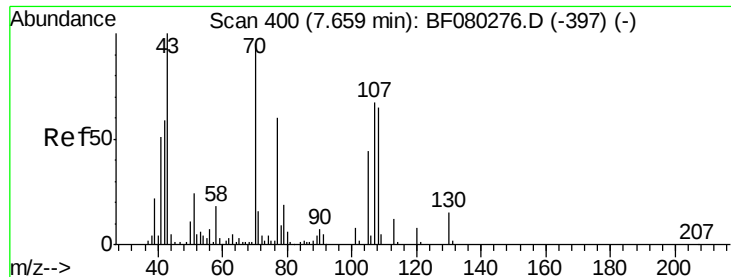
#18
 Hexachloroethane
 Concen: 36.49 ng
 RT: 7.77 min Scan# 497
 Delta R.T. 0.00 min
 Lab File: BF080318.D
 Acq: 2 Jul 2015 19:58

Tgt Ion:117 Resp: 27498
 Ion Ratio Lower Upper
 117 100
 119 97.5 77.3 115.9
 201 138.3 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

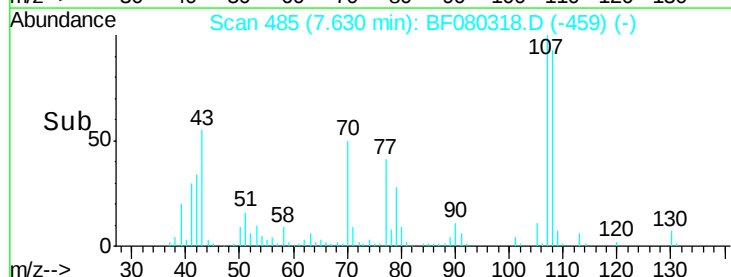
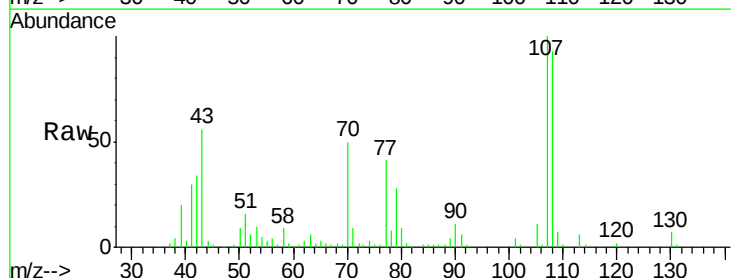
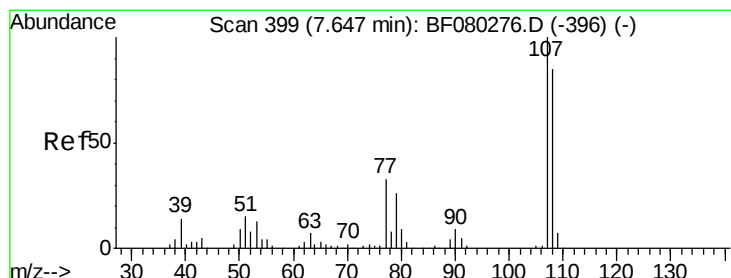
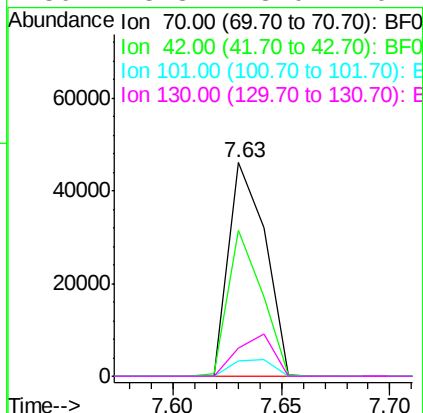




#19
n-Nitroso-di-n-propylamine
Concen: 33.31 ng
RT: 7.63 min Scan# 485
Delta R.T. -0.01 min
Lab File: BF080318.D
Acq: 2 Jul 2015 19:58

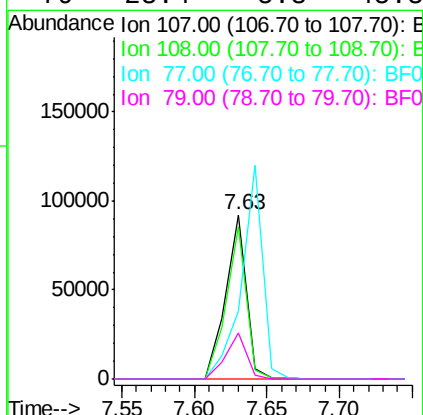
Instrument :
BNA_F
ClientSampleId :
PB84336BS

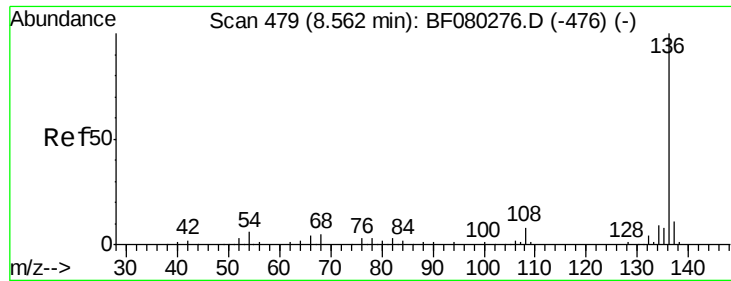
Tgt Ion:	70	Resp:	53741
Ion	Ratio	Lower	Upper
70	100		
42	68.5	49.8	74.8
101	7.5	6.8	10.2
130	13.3	13.0	19.4



#20
3+4-Methylphenols
Concen: 40.37 ng
RT: 7.63 min Scan# 485
Delta R.T. 0.00 min
Lab File: BF080318.D
Acq: 2 Jul 2015 19:58

Tgt Ion:	107	Resp:	92073
Ion	Ratio	Lower	Upper
107	100		
108	93.0	64.9	104.9
77	41.4	12.9	52.9
79	28.4	5.8	45.8

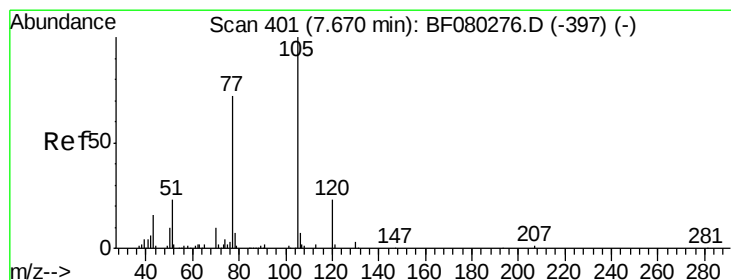
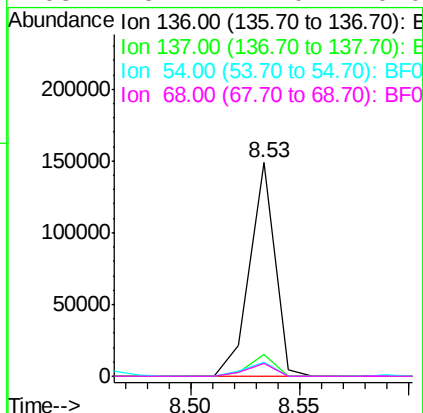
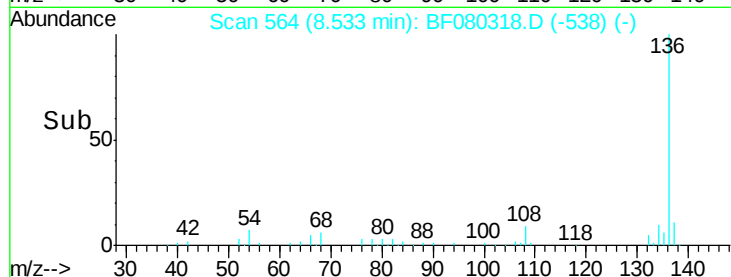
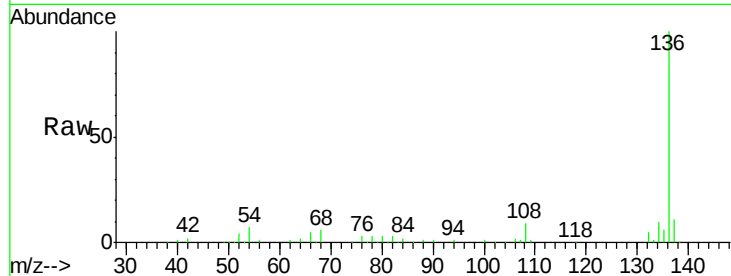




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.53 min Scan# 564
Delta R.T. 0.00 min
Lab File: BF080318.D
Acq: 2 Jul 2015 19:58

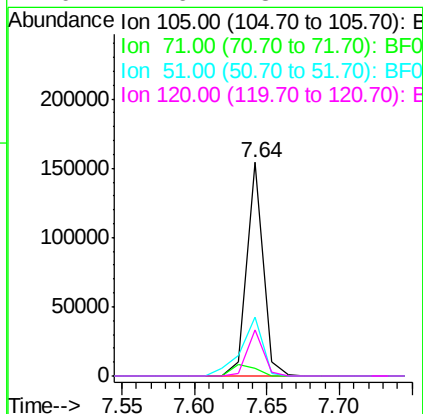
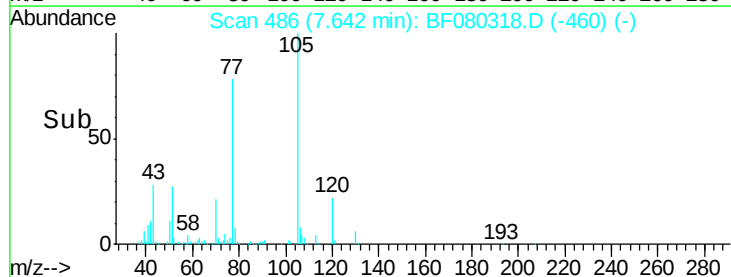
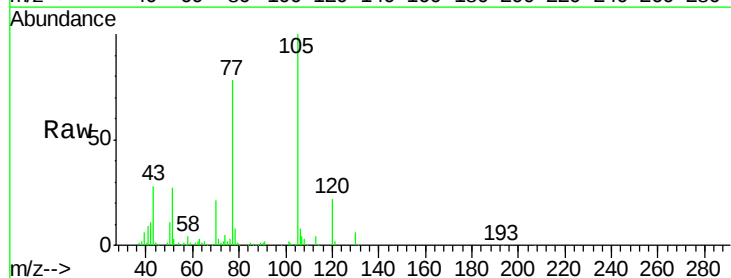
Instrument :
BNA_F
ClientSampleId :
PB84336BS

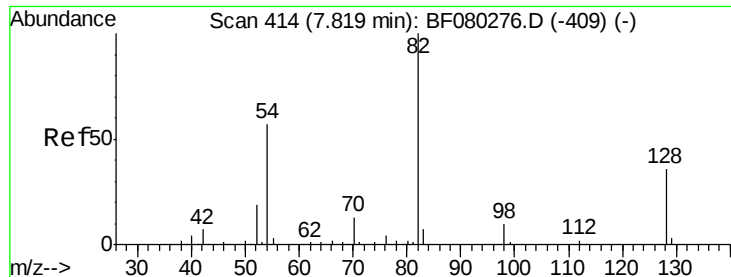
Tgt Ion:	136	Resp:	119845
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.4	12.6
54	6.9	4.9	7.3
68	5.7	4.0	6.0



#22
Acetophenone
Concen: 43.08 ng
RT: 7.64 min Scan# 486
Delta R.T. 0.00 min
Lab File: BF080318.D
Acq: 2 Jul 2015 19:58

Tgt Ion:	105	Resp:	120617
Ion Ratio	Lower	Upper	
105	100		
71	3.4	1.4	2.0#
51	27.3	18.5	27.7
120	21.6	18.1	27.1

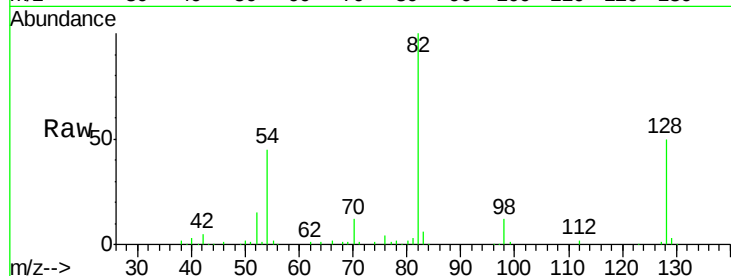




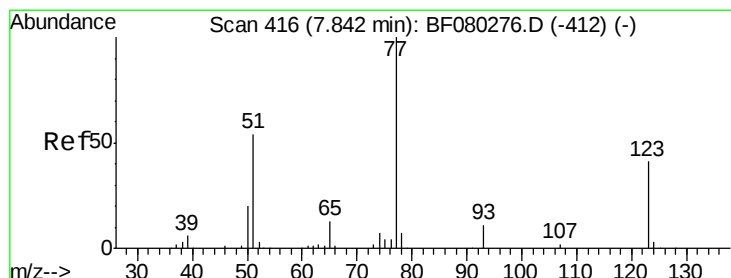
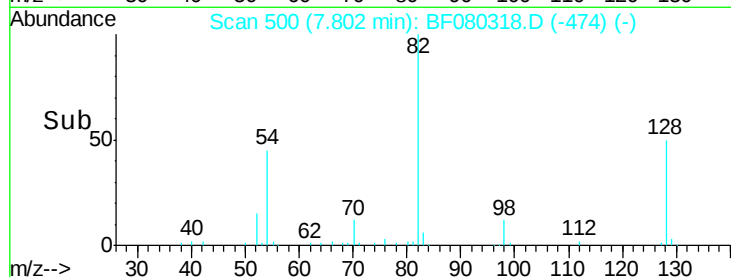
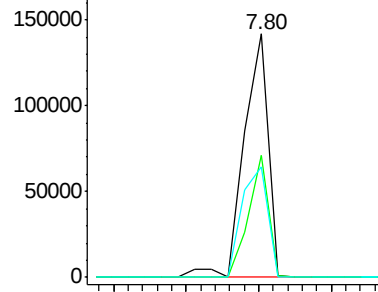
#23
 Nitrobenzene-d5
 Concen: 74.88 ng
 RT: 7.80 min Scan# 500
 Delta R.T. 0.00 min
 Lab File: BF080318.D
 Acq: 2 Jul 2015 19:58

Instrument :
 BNA_F
 ClientSampleId :
 PB84336BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	50.1	29.0	43.4#
54	45.4	45.3	67.9

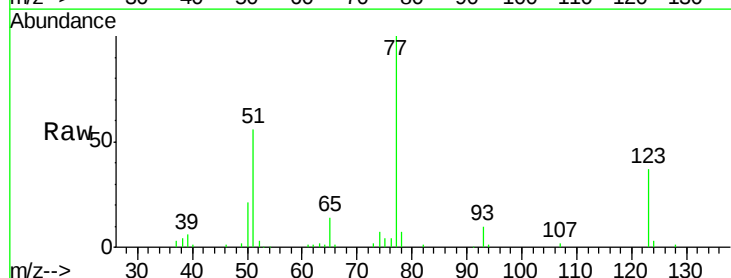


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

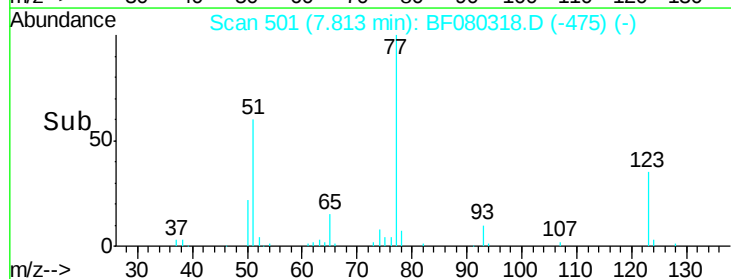
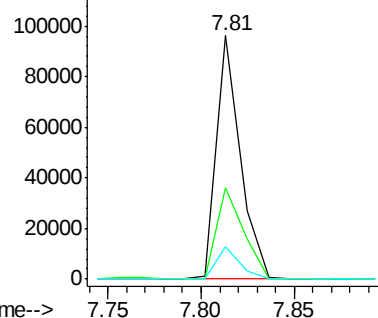


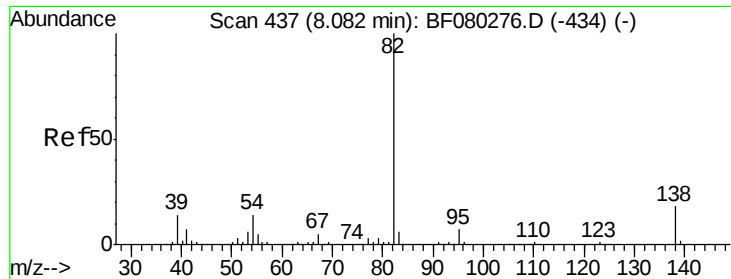
#24
 Nitrobenzene
 Concen: 38.00 ng
 RT: 7.81 min Scan# 501
 Delta R.T. 0.00 min
 Lab File: BF080318.D
 Acq: 2 Jul 2015 19:58

Tgt Ion	Ratio	Lower	Upper
77	100		
123	37.3	33.0	49.6
65	13.6	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: 37.74 ng

RT: 8.05 min Scan# 522

Delta R.T. 0.00 min

Lab File: BF080318.D

Acq: 2 Jul 2015 19:58

Instrument :

BNA_F

ClientSampleId :

PB84336BS

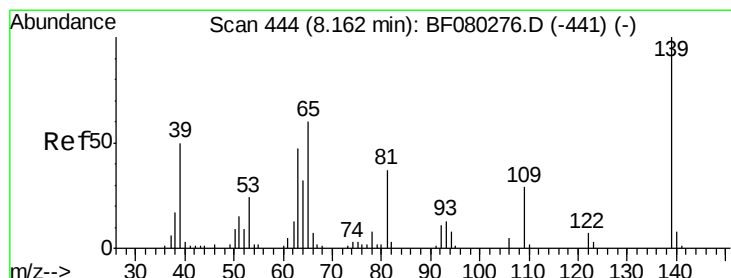
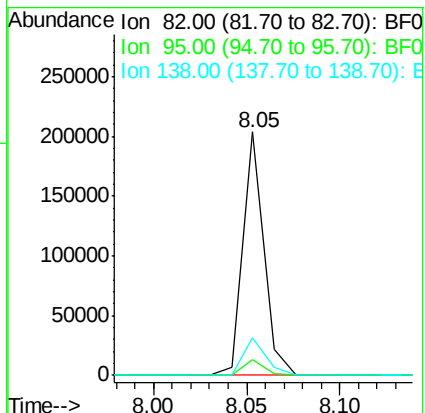
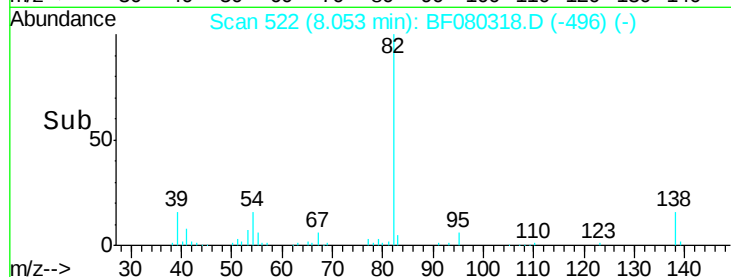
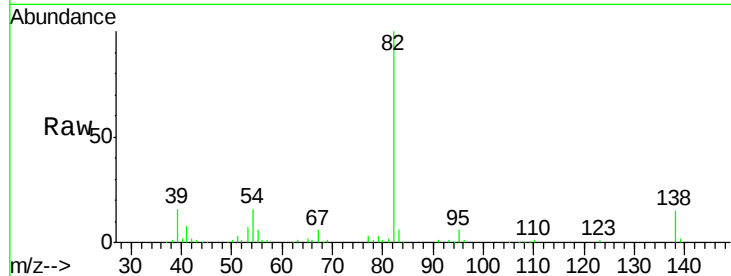
Tgt Ion: 82 Resp: 159665

Ion Ratio Lower Upper

82 100

95 6.3 5.3 7.9

138 15.4 14.4 21.6



#26

2-Nitrophenol

Concen: 36.67 ng

RT: 8.14 min Scan# 530

Delta R.T. 0.00 min

Lab File: BF080318.D

Acq: 2 Jul 2015 19:58

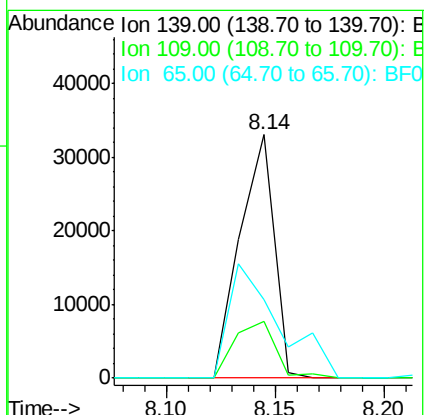
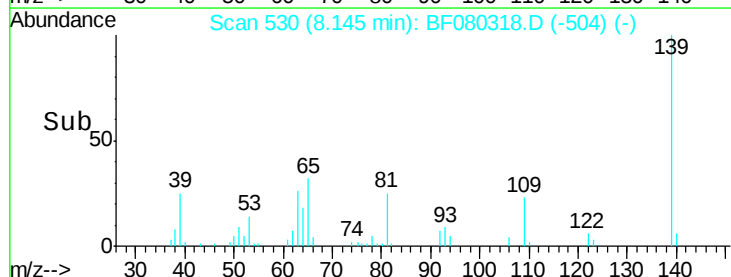
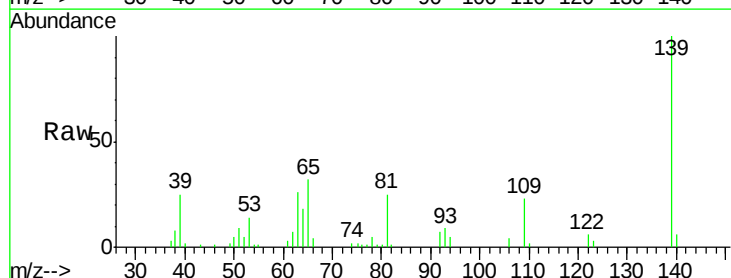
Tgt Ion: 139 Resp: 36145

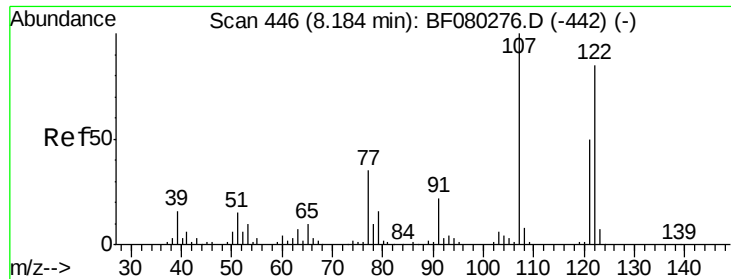
Ion Ratio Lower Upper

139 100

109 23.3 23.1 34.7

65 32.4 47.6 71.4#





#27

2,4-Dimethylphenol

Concen: 41.84 ng

RT: 8.17 min Scan# 532

Delta R.T. 0.00 min

Lab File: BF080318.D

Acq: 2 Jul 2015 19:58

Instrument :

BNA_F

ClientSampleId :

PB84336BS

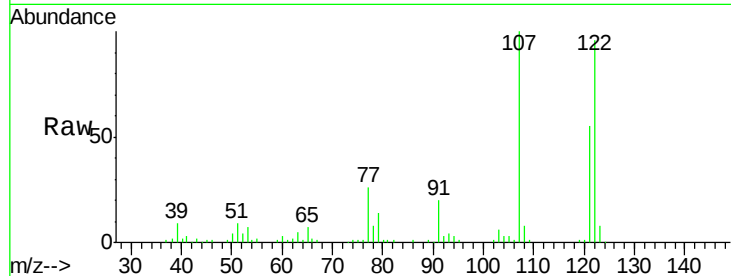
Tgt Ion:122 Resp: 75706

Ion Ratio Lower Upper

122 100

107 103.9 93.7 140.5

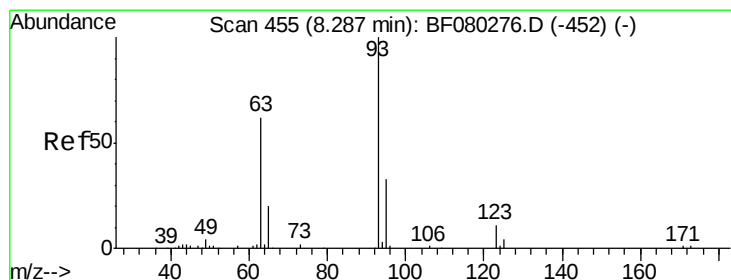
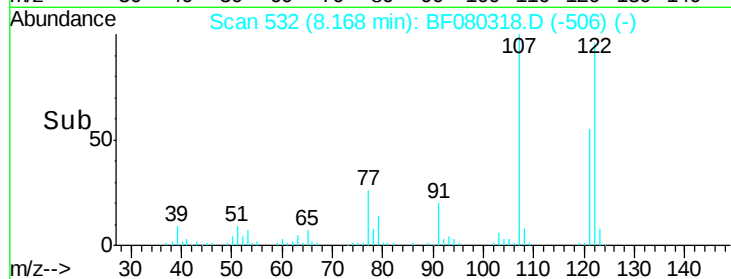
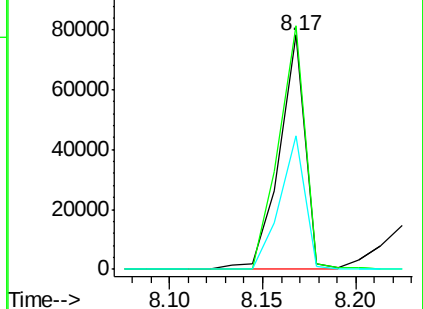
121 57.0 46.9 70.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.45 ng

RT: 8.26 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF080318.D

Acq: 2 Jul 2015 19:58

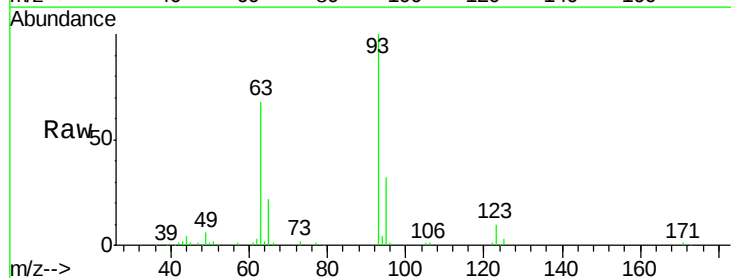
Tgt Ion: 93 Resp: 102693

Ion Ratio Lower Upper

93 100

95 32.2 26.6 39.8

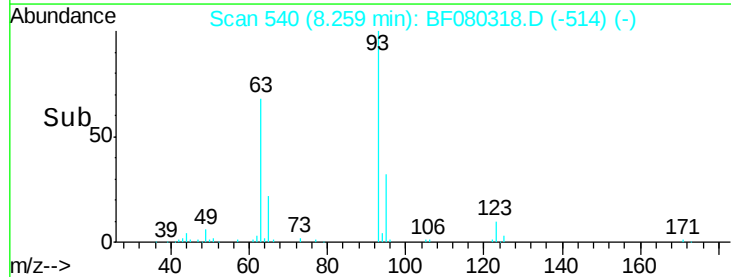
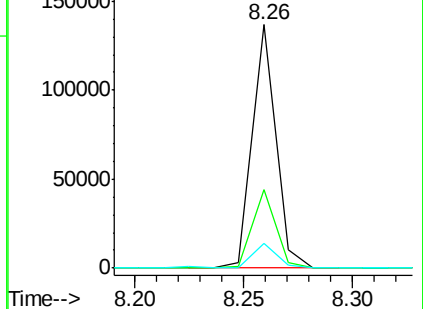
123 10.4 9.2 13.8

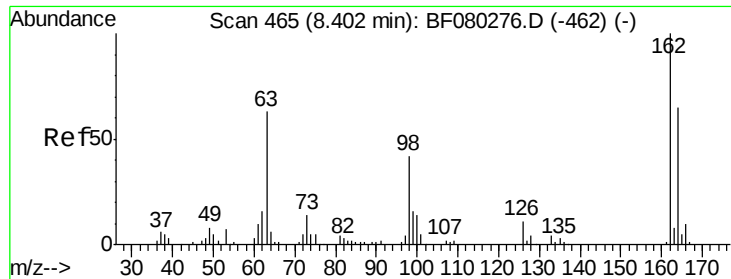


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

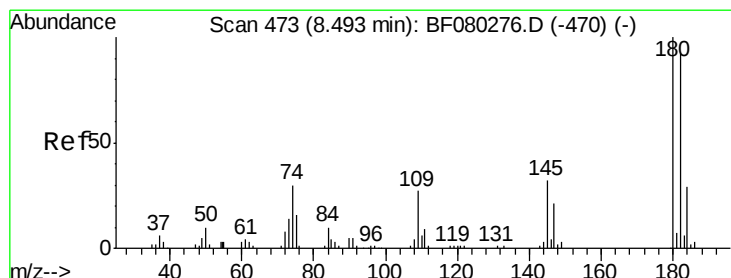
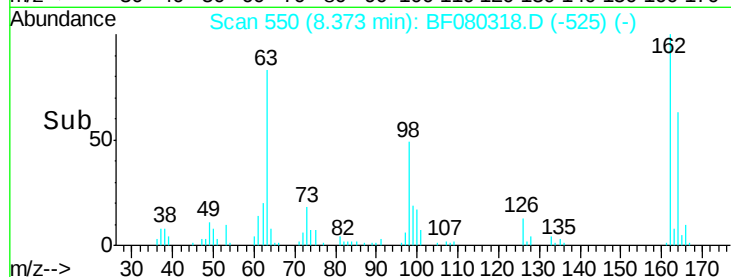
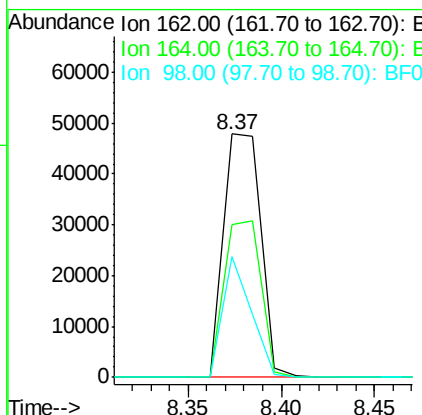
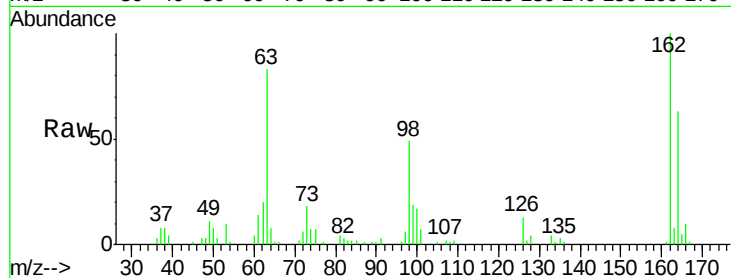




#29
 2,4-Dichlorophenol
 Concen: 40.00 ng
 RT: 8.37 min Scan# 550
 Delta R.T. -0.01 min
 Lab File: BF080318.D
 Acq: 2 Jul 2015 19:58

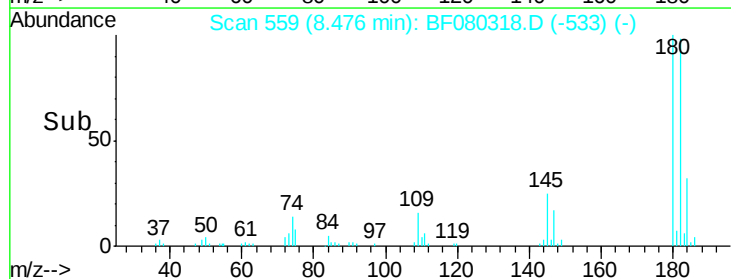
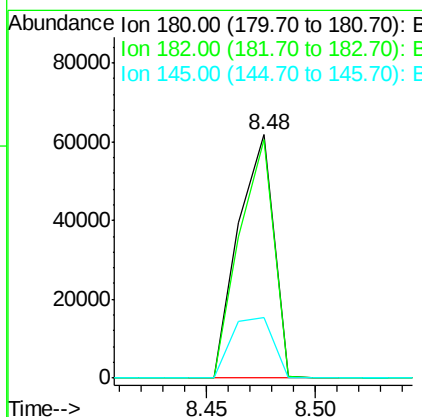
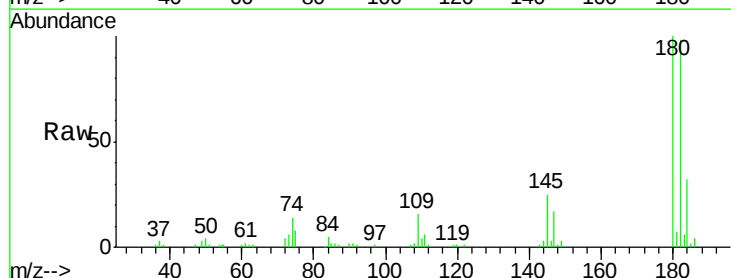
Instrument :
 BNA_F
 ClientSampleId :
 PB84336BS

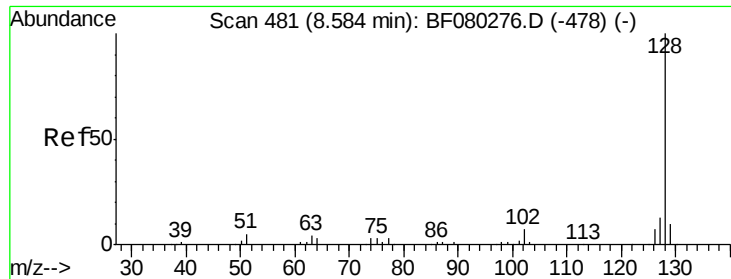
Tgt Ion:162 Resp: 66849
 Ion Ratio Lower Upper
 162 100
 164 62.7 44.6 84.6
 98 49.4 21.7 61.7



#30
 1,2,4-Trichlorobenzene
 Concen: 35.79 ng
 RT: 8.48 min Scan# 559
 Delta R.T. 0.00 min
 Lab File: BF080318.D
 Acq: 2 Jul 2015 19:58

Tgt Ion:180 Resp: 69774
 Ion Ratio Lower Upper
 180 100
 182 98.0 73.8 110.6
 145 24.9 25.6 38.4#

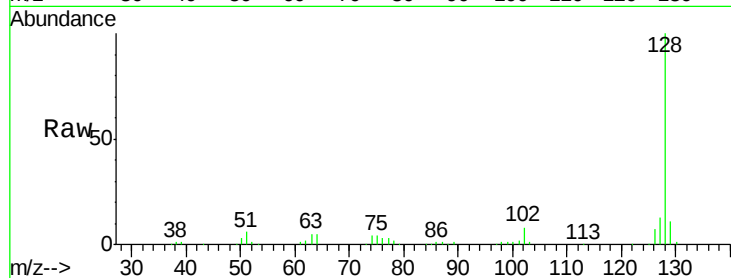




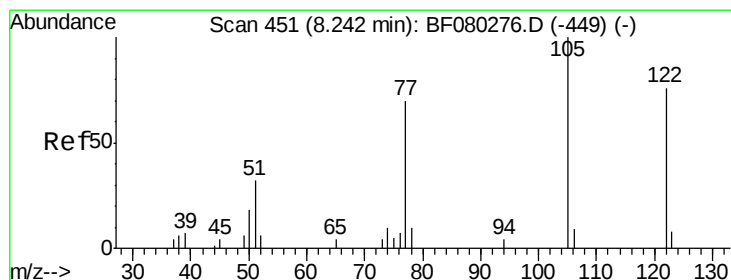
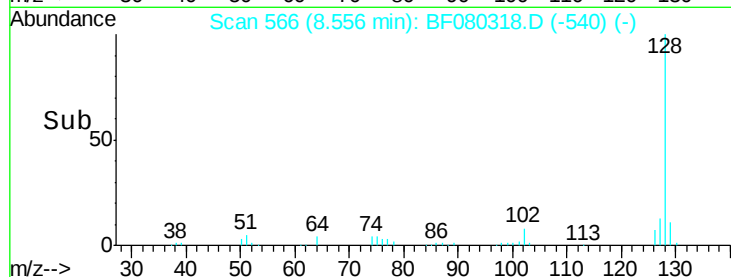
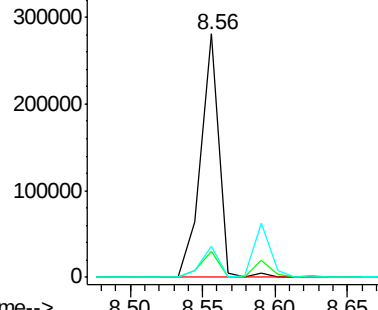
#31
Naphthalene
Concen: 40.01 ng
RT: 8.56 min Scan# 566
Delta R.T. 0.00 min
Lab File: BF080318.D
Acq: 2 Jul 2015 19:58

Instrument :
BNA_F
ClientSampleId :
PB84336BS

Tgt Ion:128 Resp: 244247
Ion Ratio Lower Upper
128 100
129 10.6 8.2 12.4
127 13.0 10.4 15.6

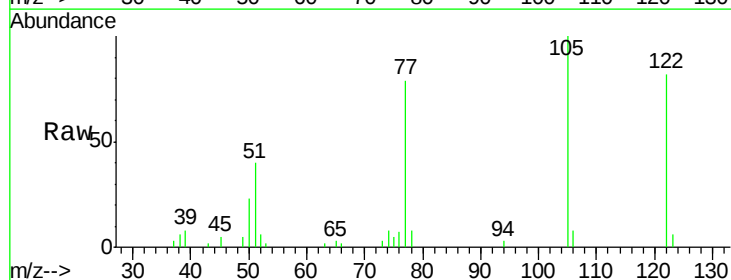


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

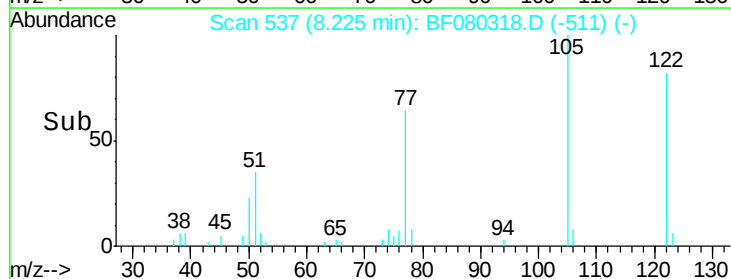
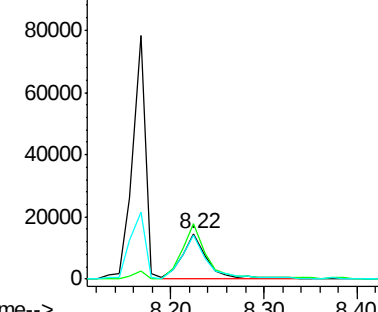


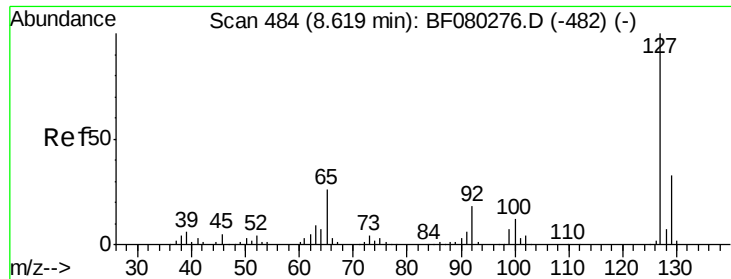
#32
Benzoic acid
Concen: 67.33 ng
RT: 8.22 min Scan# 537
Delta R.T. 0.00 min
Lab File: BF080318.D
Acq: 2 Jul 2015 19:58

Tgt Ion:122 Resp: 27877
Ion Ratio Lower Upper
122 100
105 121.4 103.3 143.3
77 95.5 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

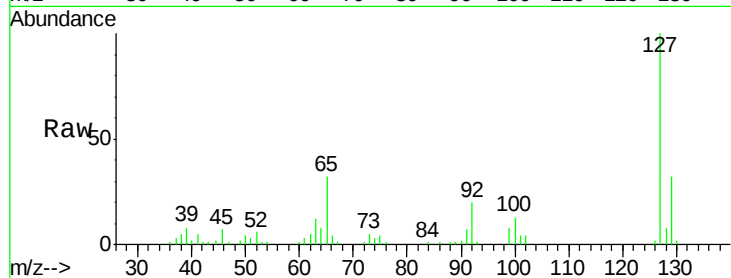




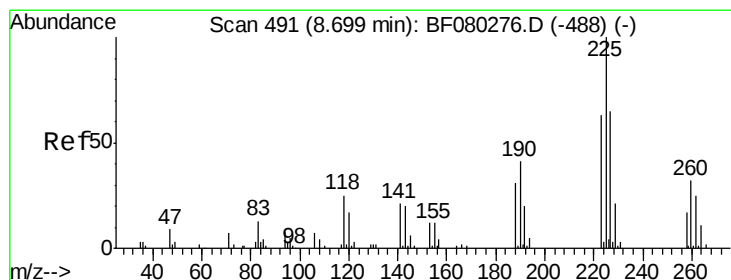
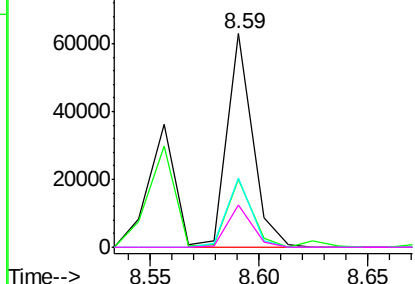
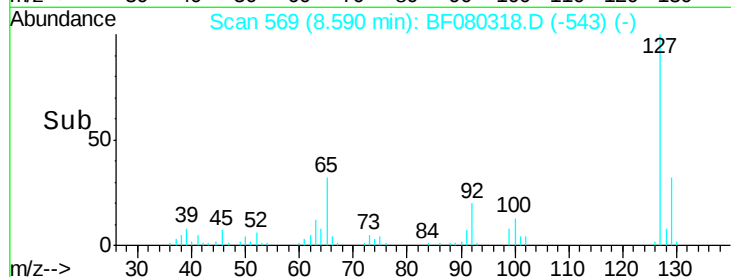
#33
4-Chloroaniline
Concen: 19.57 ng
RT: 8.59 min Scan# 569
Delta R.T. 0.00 min
Lab File: BF080318.D
Acq: 2 Jul 2015 19:58

Instrument :
BNA_F
ClientSampleId :
PB84336BS

Tgt Ion:	127	Resp:	50684
Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.4	39.6
65	32.1	21.0	31.6#
92	19.5	14.1	21.1

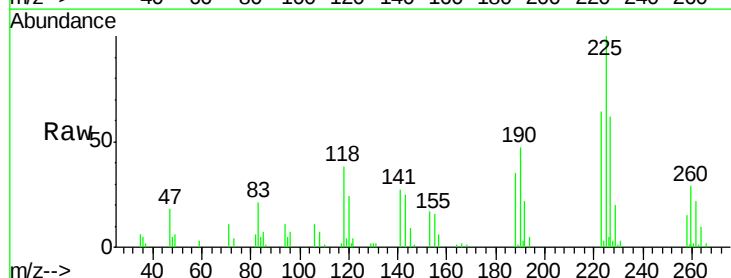


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

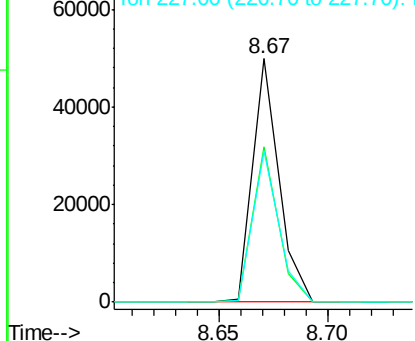
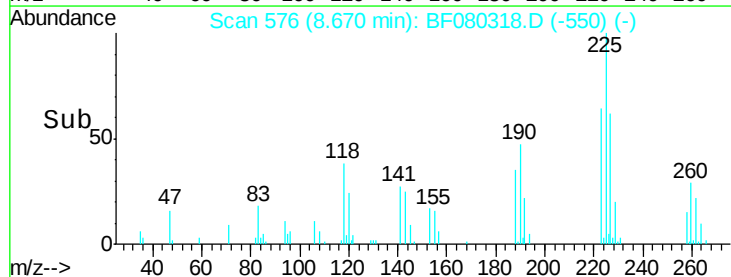


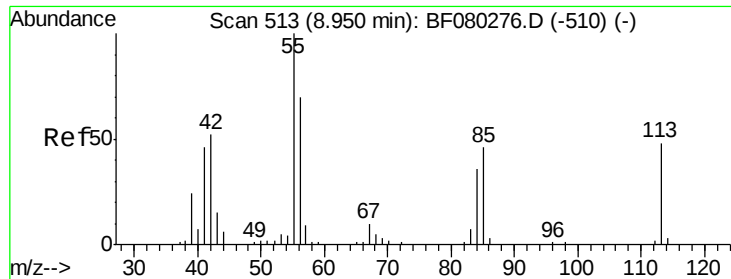
#34
Hexachlorobutadiene
Concen: 34.09 ng
RT: 8.67 min Scan# 576
Delta R.T. 0.00 min
Lab File: BF080318.D
Acq: 2 Jul 2015 19:58

Tgt Ion:	225	Resp:	41859
Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.5	75.7
227	62.3	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

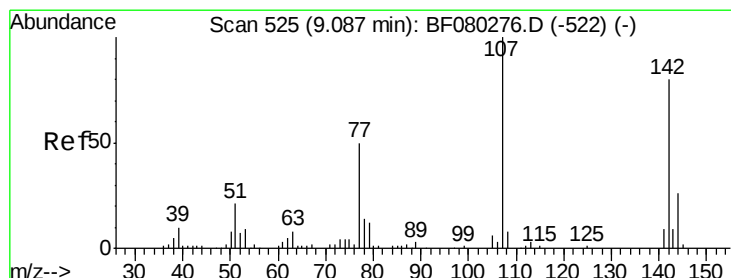
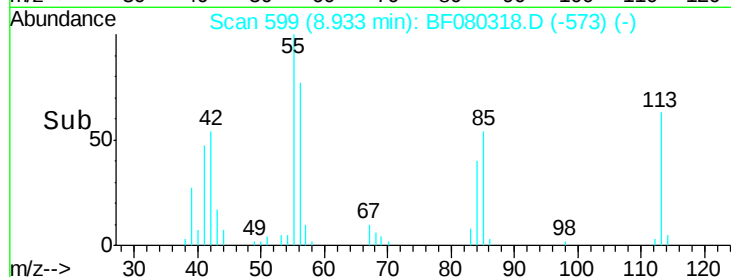
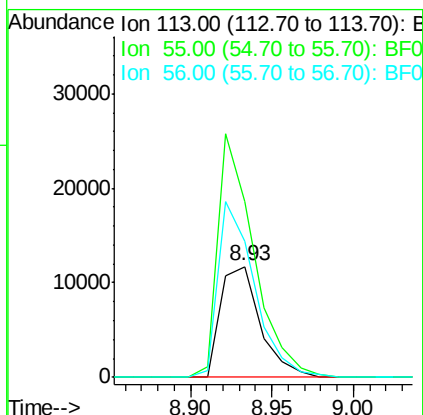
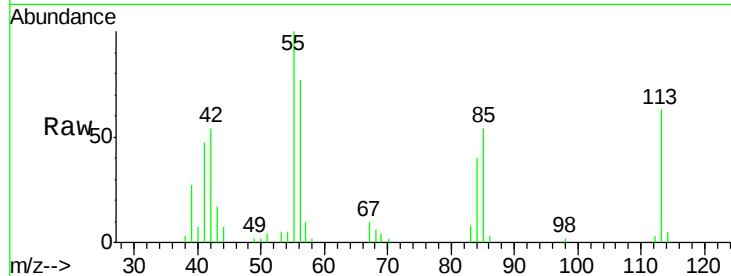




#35
 Caprolactam
 Concen: 38.84 ng
 RT: 8.93 min Scan# 599
 Delta R.T. 0.00 min
 Lab File: BF080318.D
 Acq: 2 Jul 2015 19:58

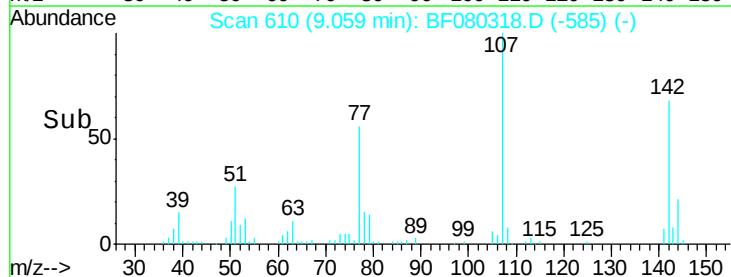
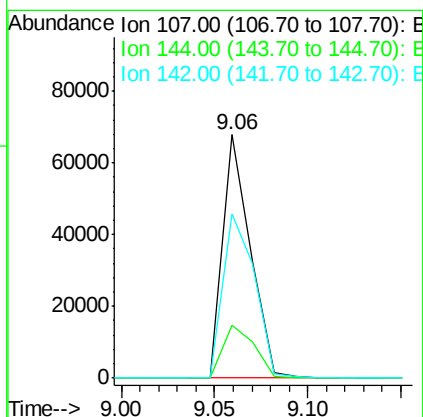
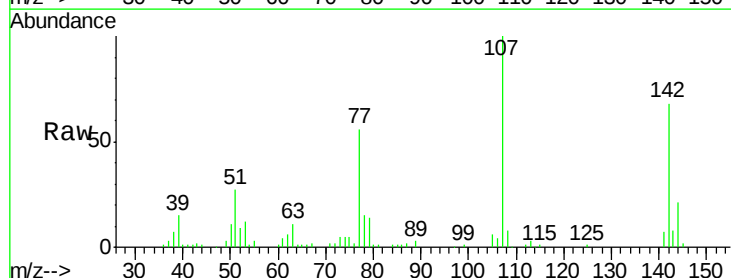
Instrument :
 BNA_F
 ClientSampleId :
 PB84336BS

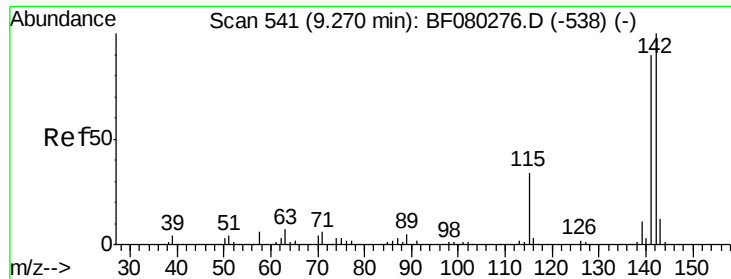
Tgt Ion:113 Resp: 19693
 Ion Ratio Lower Upper
 113 100
 55 159.6 189.7 229.7#
 56 123.3 127.2 167.2#



#36
 4-Chloro-3-methylphenol
 Concen: 38.81 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.01 min
 Lab File: BF080318.D
 Acq: 2 Jul 2015 19:58

Tgt Ion:107 Resp: 70208
 Ion Ratio Lower Upper
 107 100
 144 21.5 20.4 30.6
 142 67.6 63.8 95.6

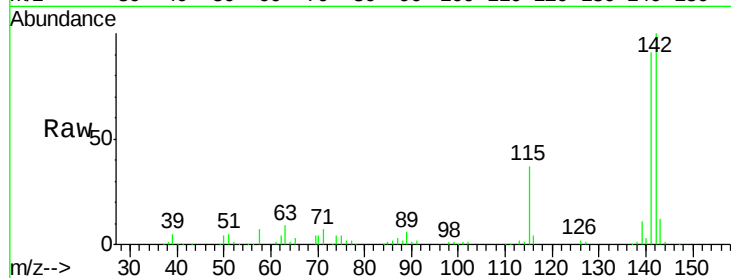




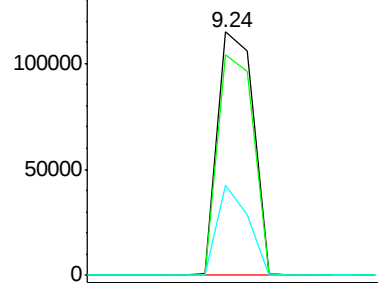
#37
 2-Methylnaphthalene
 Concen: 36.40 ng
 RT: 9.24 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF080318.D
 Acq: 2 Jul 2015 19:58

Instrument :
 BNA_F
 ClientSampleId :
 PB84336BS

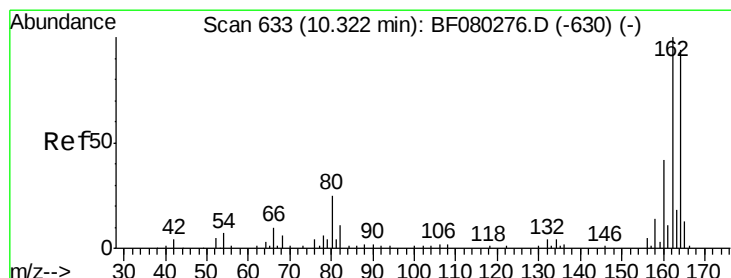
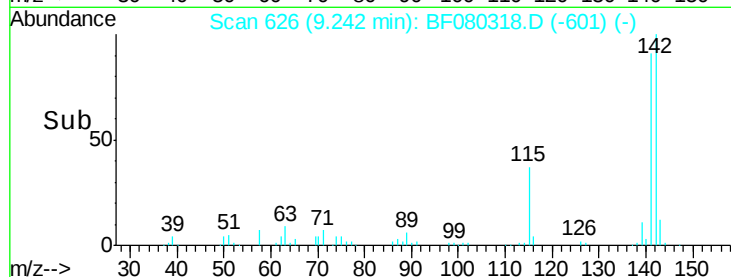
Tgt Ion:142 Resp: 152139
 Ion Ratio Lower Upper
 142 100
 141 90.5 71.8 107.6
 115 36.8 27.4 41.2



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

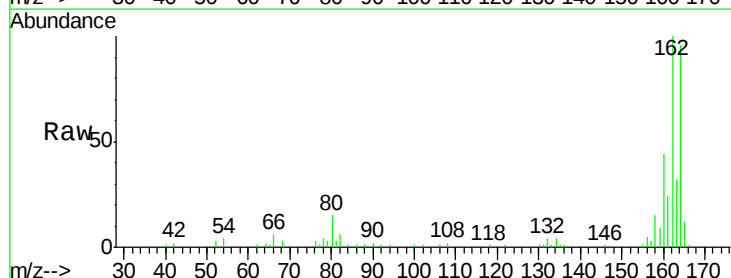


Time-->

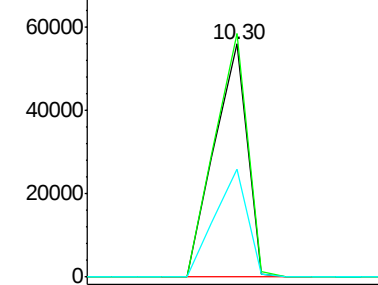


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.30 min Scan# 719
 Delta R.T. 0.00 min
 Lab File: BF080318.D
 Acq: 2 Jul 2015 19:58

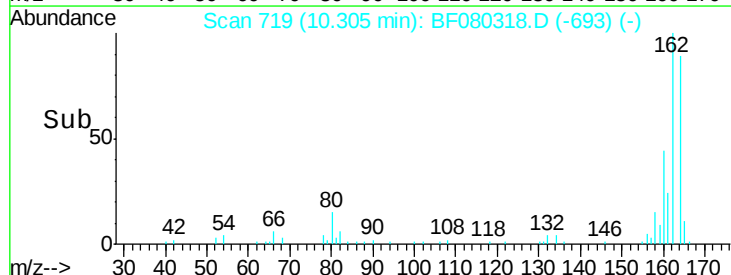
Tgt Ion:164 Resp: 58672
 Ion Ratio Lower Upper
 164 100
 162 104.5 84.8 127.2
 160 46.3 35.8 53.8

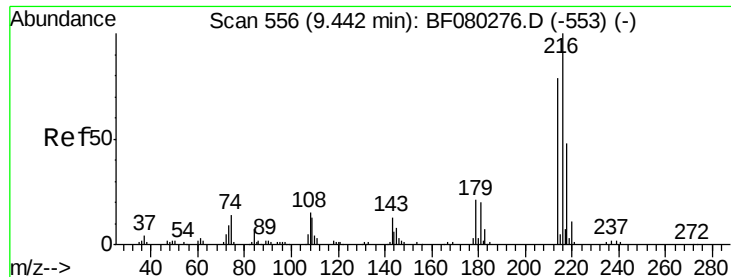


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E



Time-->

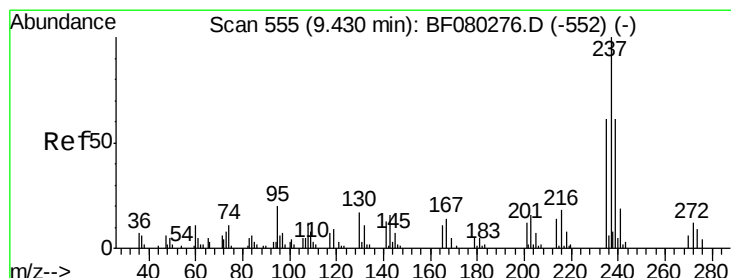
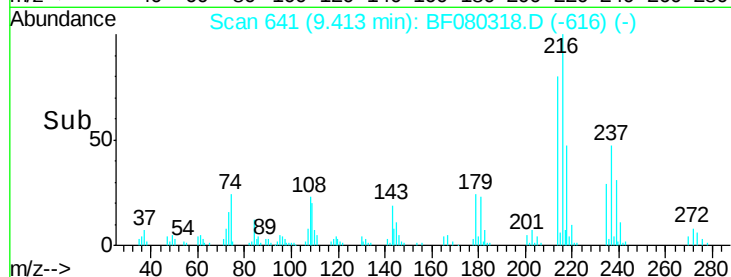
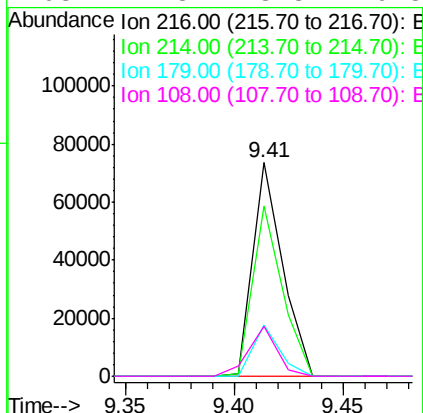
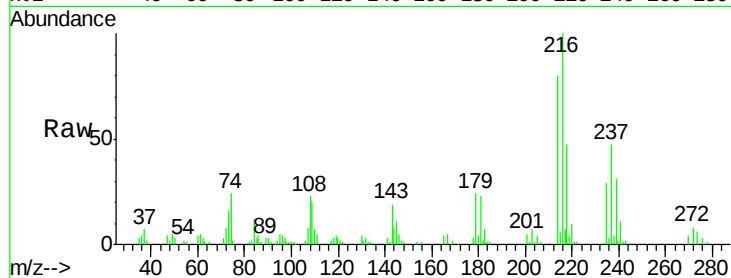




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.94 ng
 RT: 9.41 min Scan# 641
 Delta R.T. -0.01 min
 Lab File: BF080318.D
 Acq: 2 Jul 2015 19:58

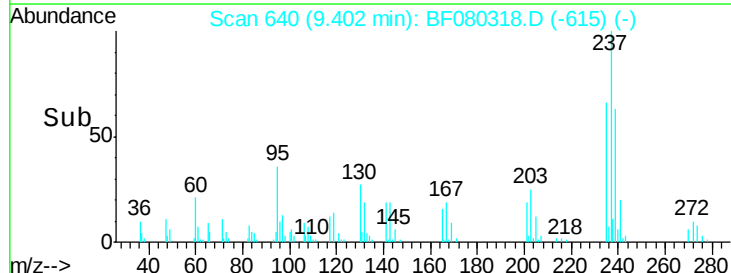
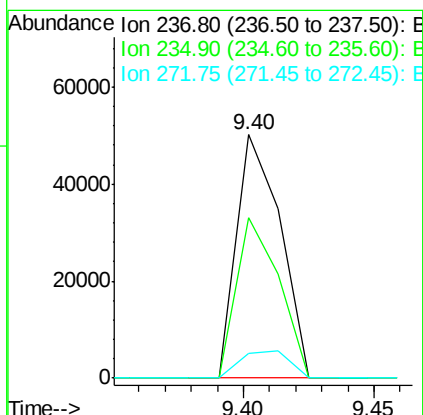
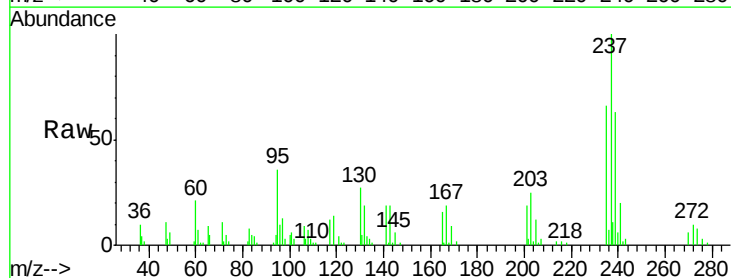
Instrument :
 BNA_F
 ClientSampleId :
 PB84336BS

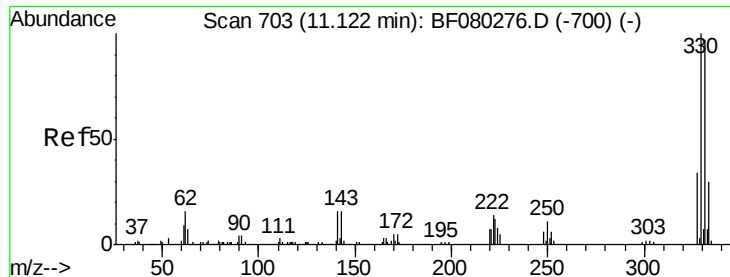
Tgt Ion:	216	Resp:	70169
Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.0	94.6
179	21.6	16.8	25.2
108	22.3	13.8	20.8#



#40
 Hexachlorocyclopentadiene
 Concen: 76.19 ng
 RT: 9.40 min Scan# 640
 Delta R.T. -0.01 min
 Lab File: BF080318.D
 Acq: 2 Jul 2015 19:58

Tgt Ion:	237	Resp:	58288
Ion	Ratio	Lower	Upper
237	100		
235	66.1	41.3	81.3
272	10.2	0.0	31.8





#41

2,4,6-Tribromophenol

Concen: 139.16 ng

RT: 11.09 min Scan# 788

Delta R.T. 0.00 min

Lab File: BF080318.D

Acq: 2 Jul 2015 19:58

Instrument :

BNA_F

ClientSampleId :

PB84336BS

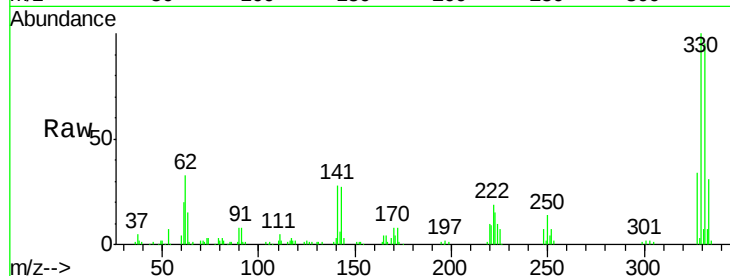
Tgt Ion:330 Resp: 77742

Ion Ratio Lower Upper

330 100

332 95.5 77.4 116.2

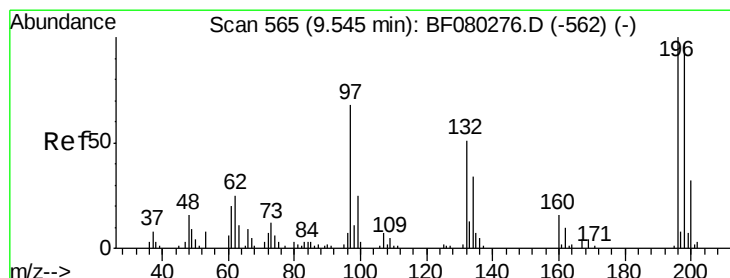
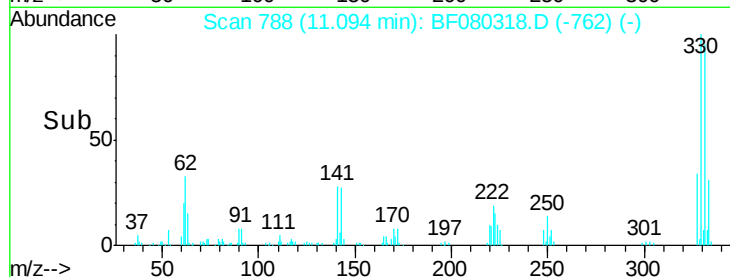
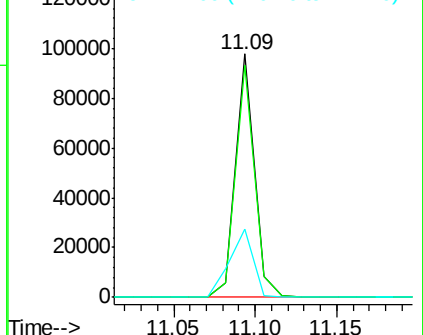
141 35.3 28.0 42.0



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: 37.21 ng

RT: 9.53 min Scan# 651

Delta R.T. 0.00 min

Lab File: BF080318.D

Acq: 2 Jul 2015 19:58

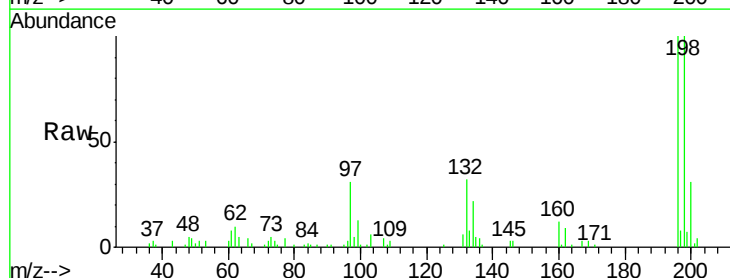
Tgt Ion:196 Resp: 45993

Ion Ratio Lower Upper

196 100

198 100.3 77.7 116.5

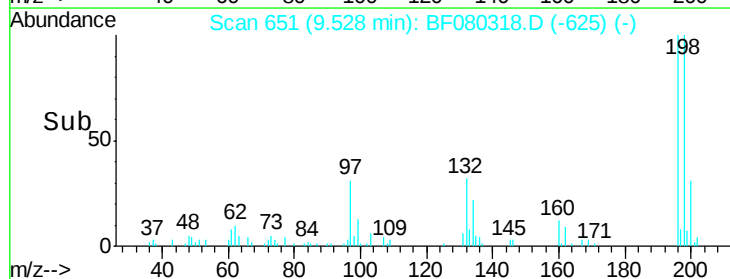
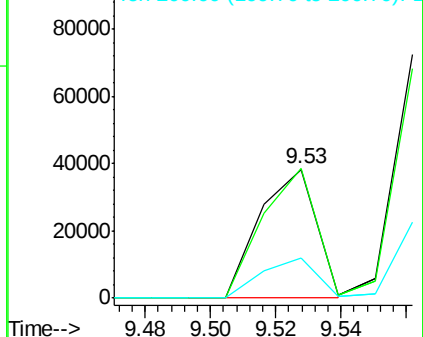
200 31.4 25.6 38.4

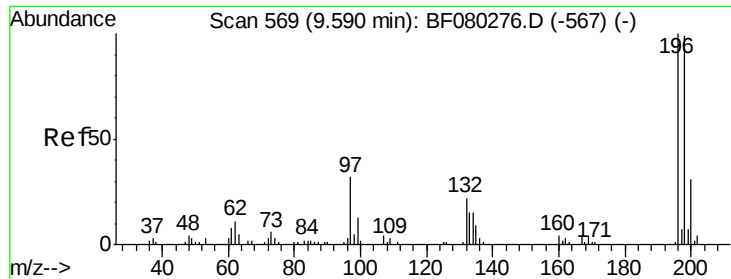


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

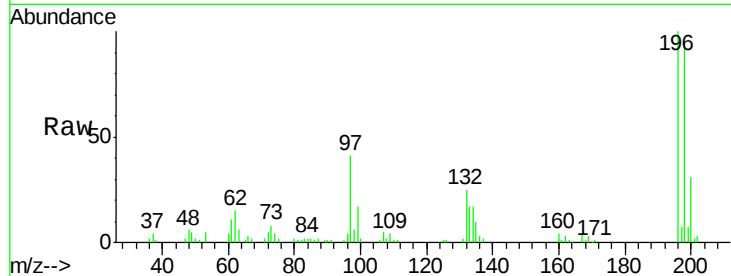




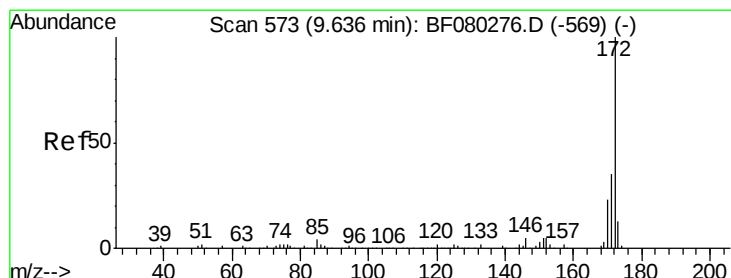
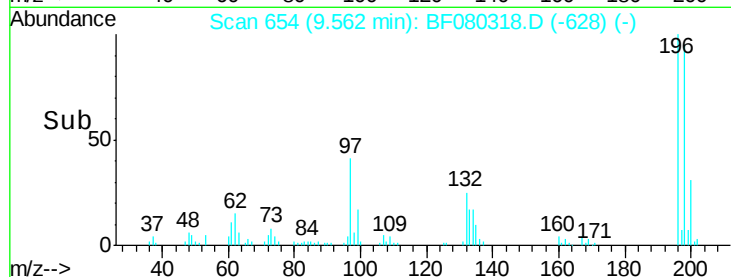
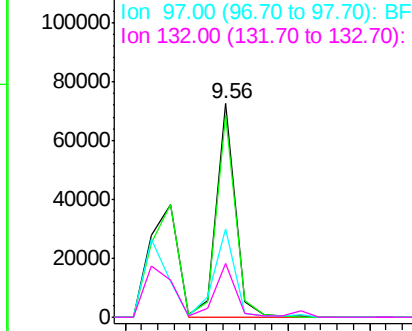
#43
 2,4,5-Trichlorophenol
 Concen: 43.76 ng
 RT: 9.56 min Scan# 654
 Delta R.T. 0.00 min
 Lab File: BF080318.D
 Acq: 2 Jul 2015 19:58

Instrument :
 BNA_F
 ClientSampled :
 PB84336BS

Tgt Ion:196 Resp: 58269
 Ion Ratio Lower Upper
 196 100
 198 94.5 79.4 119.2
 97 41.2 25.9 38.9#
 132 25.1 17.3 25.9

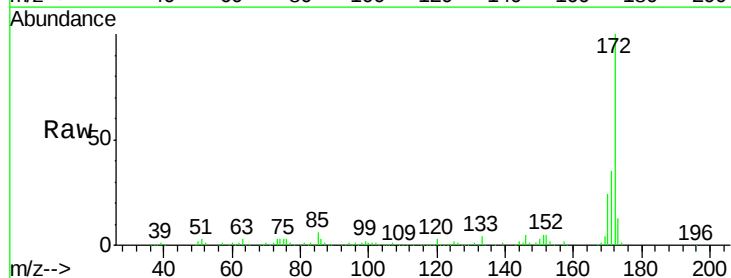


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

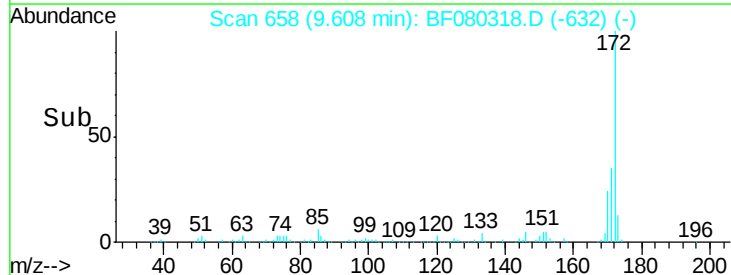
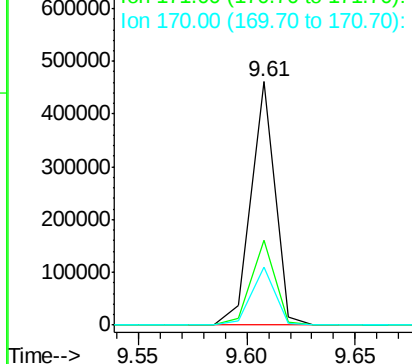


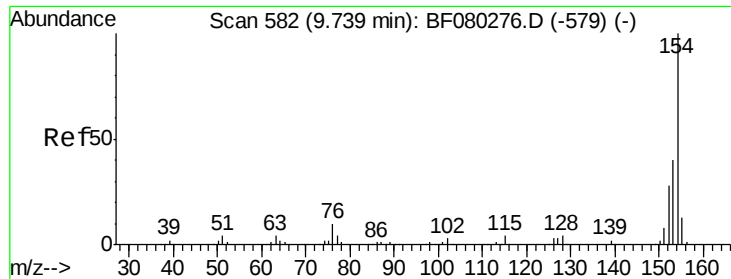
#44
 2-Fluorobiphenyl
 Concen: 86.85 ng
 RT: 9.61 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: BF080318.D
 Acq: 2 Jul 2015 19:58

Tgt Ion:172 Resp: 354040
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.1 42.1
 170 23.9 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

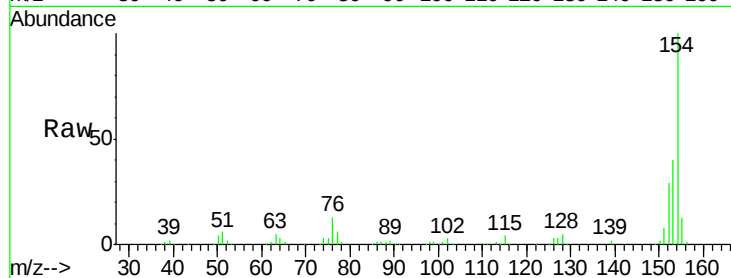




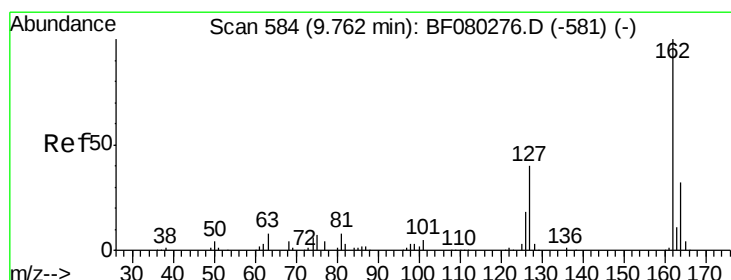
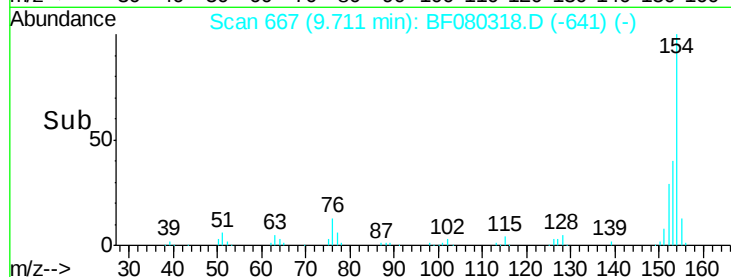
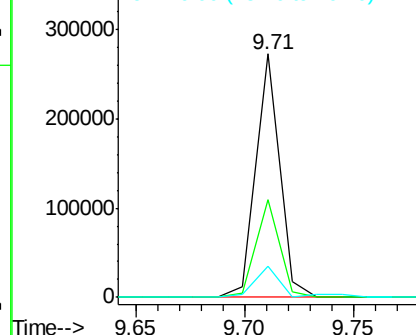
#45
 1,1'-Biphenyl
 Concen: 41.67 ng
 RT: 9.71 min Scan# 667
 Delta R.T. 0.00 min
 Lab File: BF080318.D
 Acq: 2 Jul 2015 19:58

Instrument :
 BNA_F
 ClientSampleId :
 PB84336BS

Tgt Ion:154 Resp: 207902
 Ion Ratio Lower Upper
 154 100
 153 40.3 20.3 60.3
 76 13.0 0.0 30.3

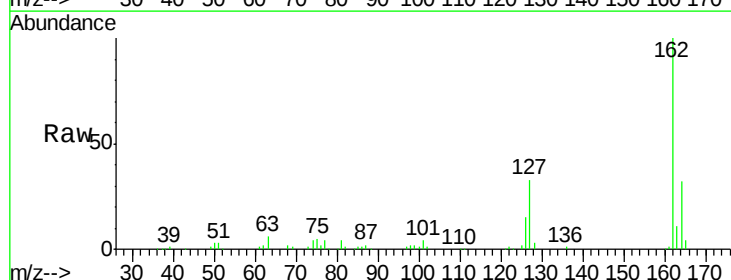


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

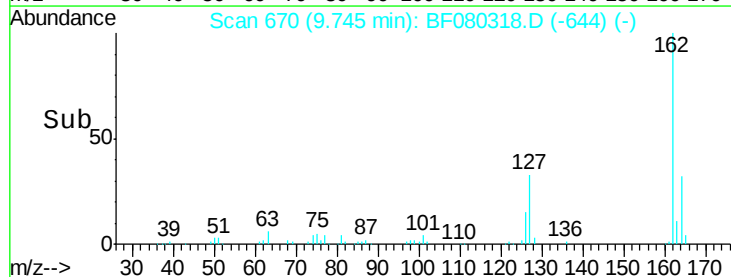
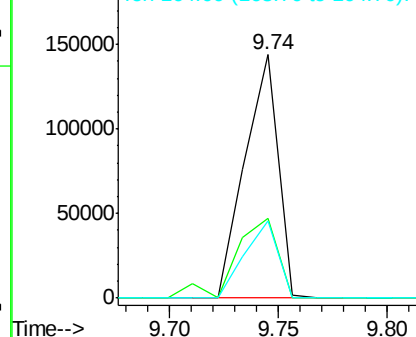


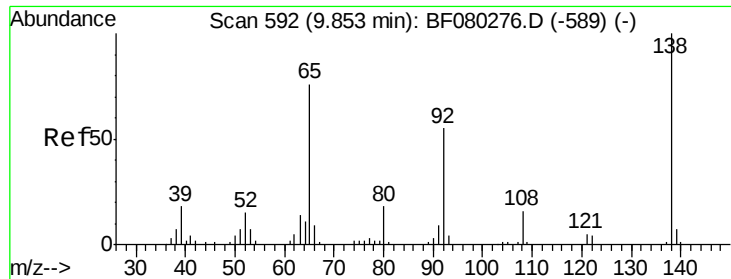
#46
 2-Chloronaphthalene
 Concen: 39.25 ng
 RT: 9.74 min Scan# 670
 Delta R.T. 0.00 min
 Lab File: BF080318.D
 Acq: 2 Jul 2015 19:58

Tgt Ion:162 Resp: 151597
 Ion Ratio Lower Upper
 162 100
 127 33.0 33.4 50.0#
 164 31.9 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

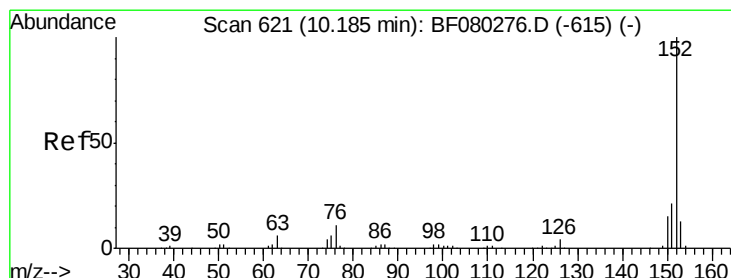
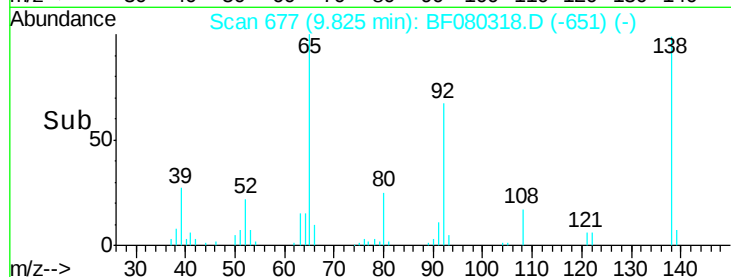
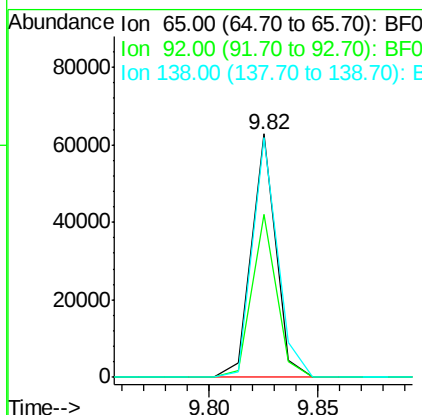
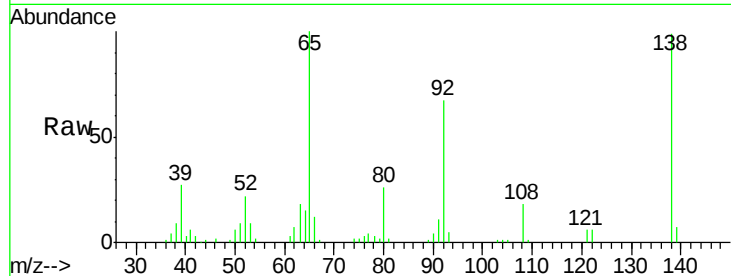




#47
 2-Nitroaniline
 Concen: 43.92 ng
 RT: 9.82 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: BF080318.D
 Acq: 2 Jul 2015 19:58

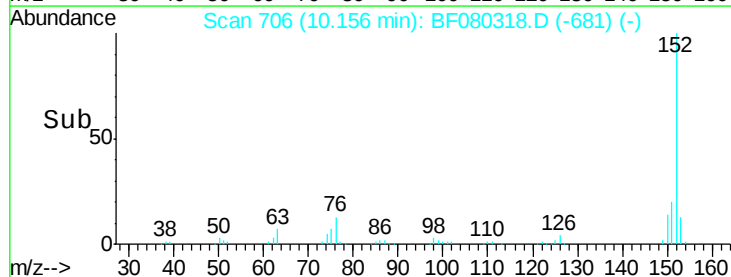
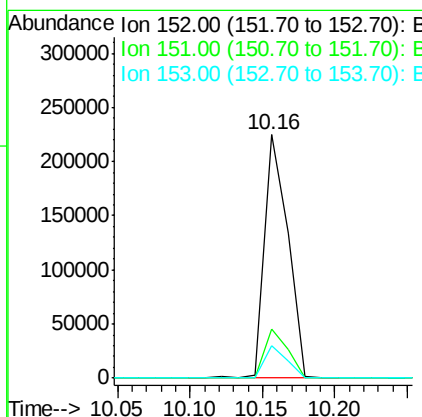
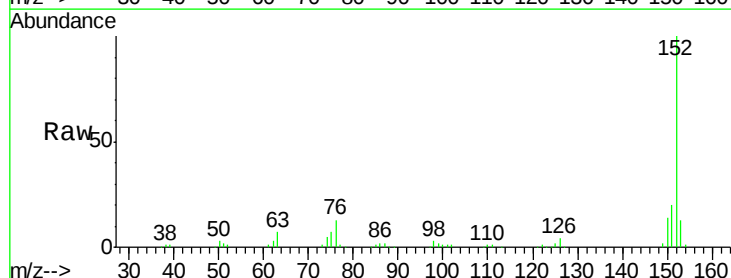
Instrument :
 BNA_F
 ClientSampleId :
 PB84336BS

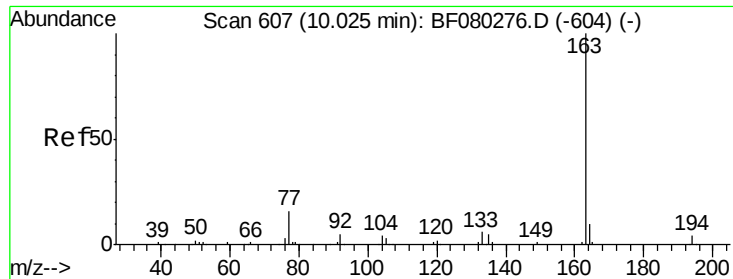
Tgt Ion: 65 Resp: 48786
 Ion Ratio Lower Upper
 65 100
 92 67.1 58.0 87.0
 138 98.7 104.8 157.2#



#48
 Acenaphthylene
 Concen: 37.11 ng
 RT: 10.16 min Scan# 706
 Delta R.T. -0.01 min
 Lab File: BF080318.D
 Acq: 2 Jul 2015 19:58

Tgt Ion: 152 Resp: 248865
 Ion Ratio Lower Upper
 152 100
 151 20.3 16.7 25.1
 153 13.4 10.7 16.1

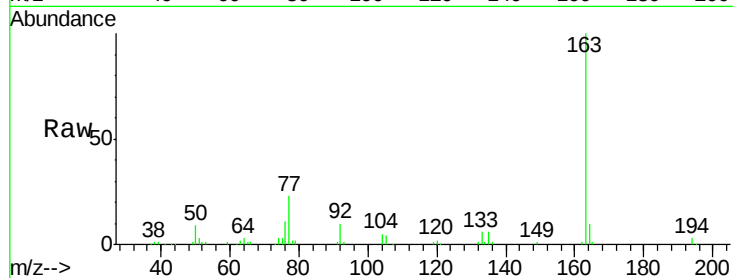




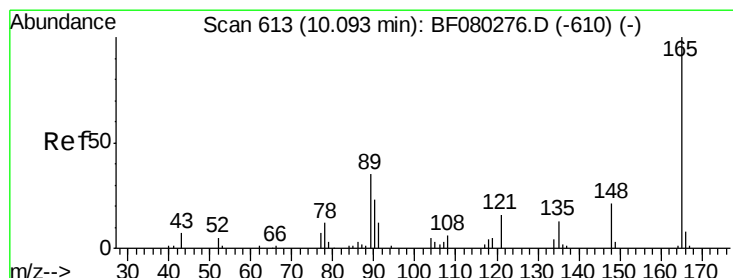
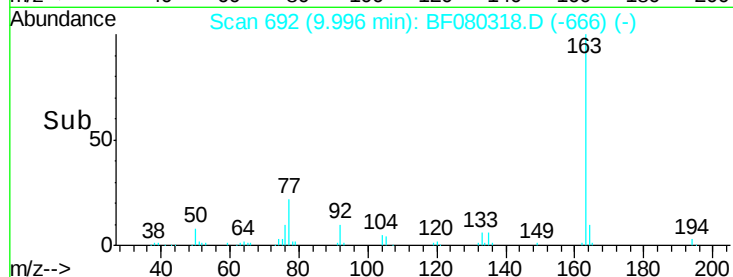
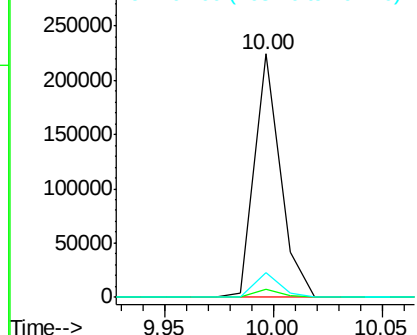
#49
Dimethylphthalate
Concen: 41.36 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF080318.D
Acq: 2 Jul 2015 19:58

Instrument :
BNA_F
ClientSampleId :
PB84336BS

Tgt Ion:163 Resp: 185388
Ion Ratio Lower Upper
163 100
194 3.1 3.0 4.4
164 10.4 7.9 11.9

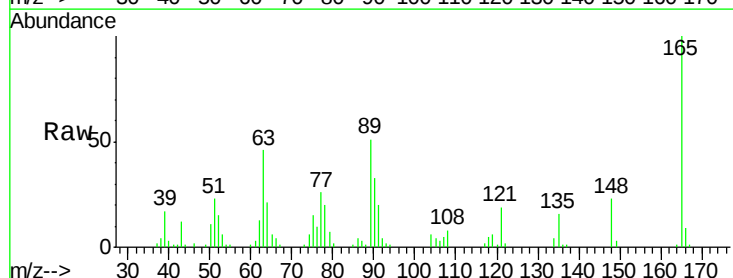


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

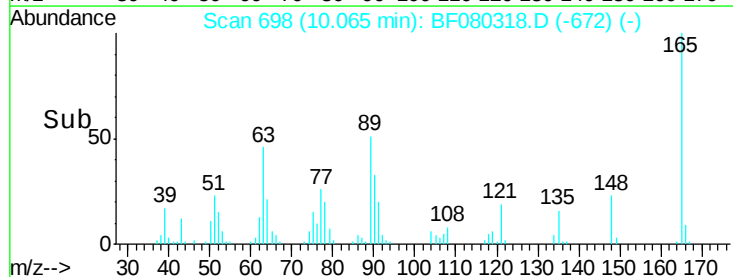
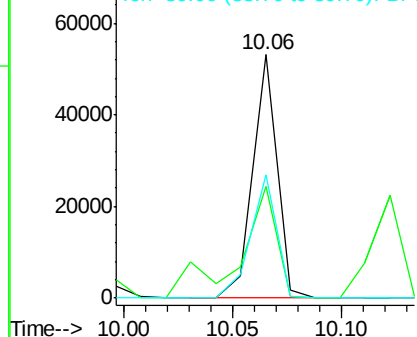


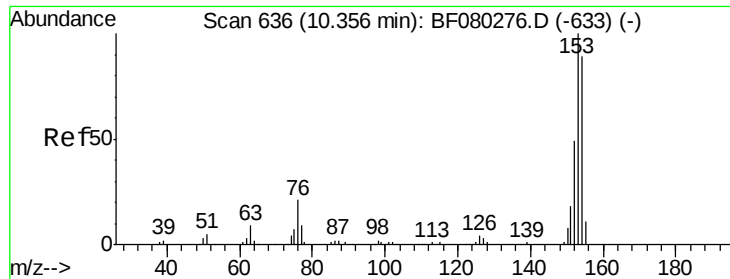
#50
2,6-Dinitrotoluene
Concen: 44.66 ng
RT: 10.06 min Scan# 698
Delta R.T. 0.00 min
Lab File: BF080318.D
Acq: 2 Jul 2015 19:58

Tgt Ion:165 Resp: 40917
Ion Ratio Lower Upper
165 100
63 45.8 23.4 35.0#
89 50.5 27.7 41.5#



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





#51

Acenaphthene

Concen: 41.74 ng

RT: 10.34 min Scan# 722

Delta R.T. 0.00 min

Lab File: BF080318.D

Acq: 2 Jul 2015 19:58

Instrument :

BNA_F

ClientSampleId :

PB84336BS

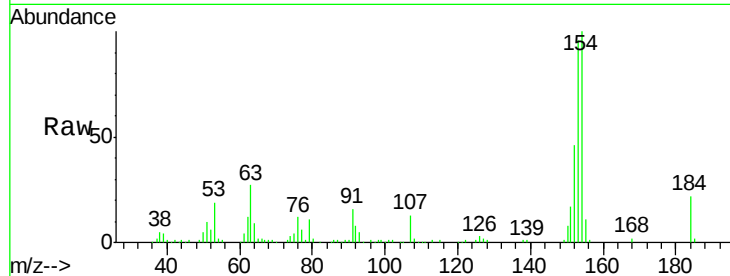
Tgt Ion:154 Resp: 161178

Ion Ratio Lower Upper

154 100

153 96.5 90.4 135.6

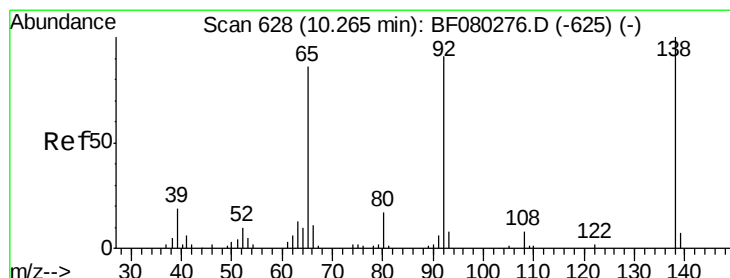
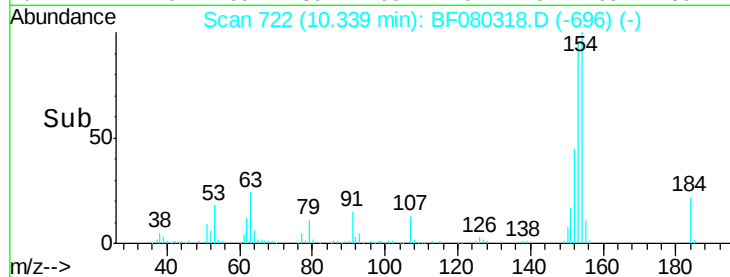
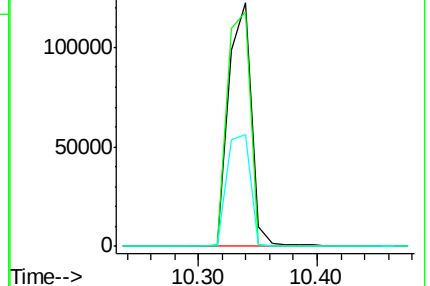
152 45.8 43.9 65.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 28.73 ng

RT: 10.24 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF080318.D

Acq: 2 Jul 2015 19:58

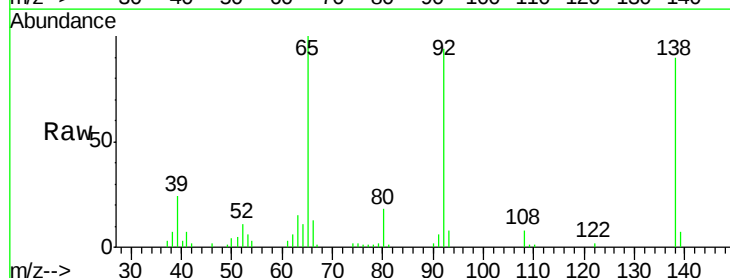
Tgt Ion:138 Resp: 30196

Ion Ratio Lower Upper

138 100

108 9.4 6.7 10.1

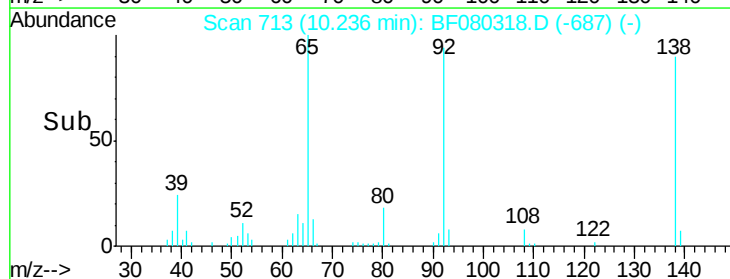
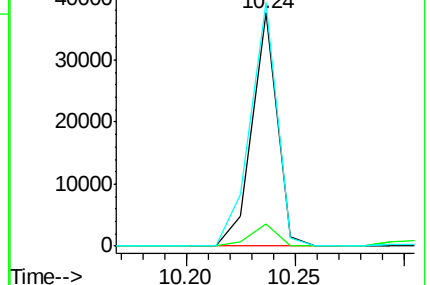
92 104.4 72.6 109.0

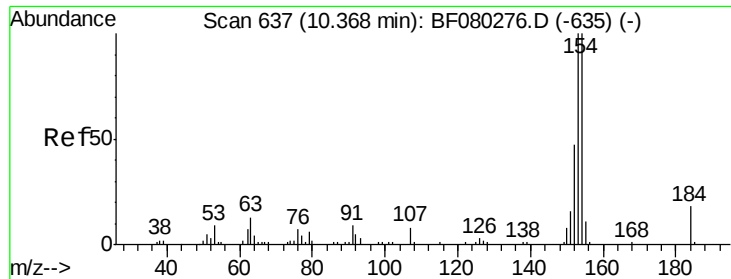


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

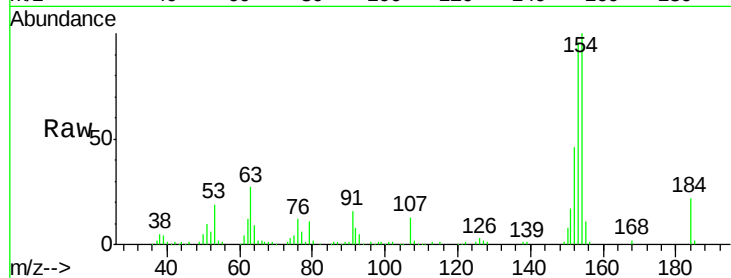




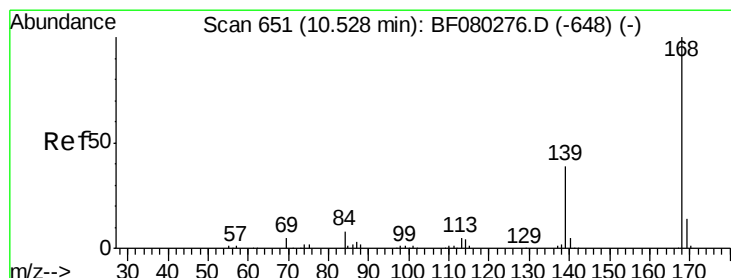
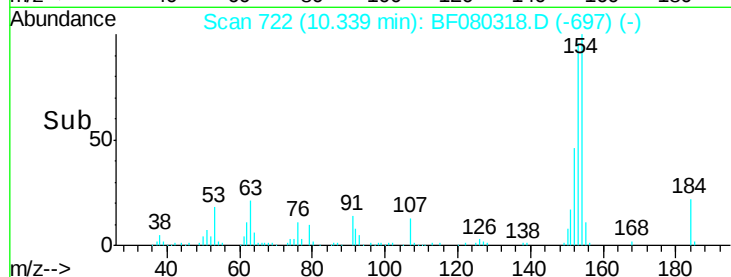
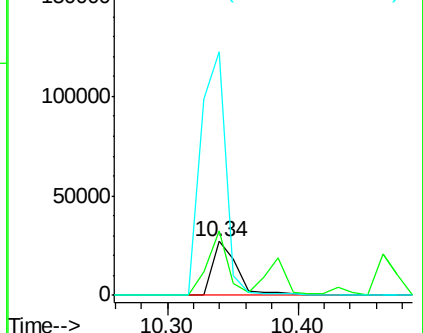
#53
2,4-Dinitrophenol
Concen: 88.53 ng
RT: 10.34 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF080318.D
Acq: 2 Jul 2015 19:58

Instrument :
BNA_F
ClientSampleId :
PB84336BS

Tgt Ion:184 Resp: 35107
Ion Ratio Lower Upper
184 100
63 119.9 65.0 97.6#
154 451.2 473.1 709.7#

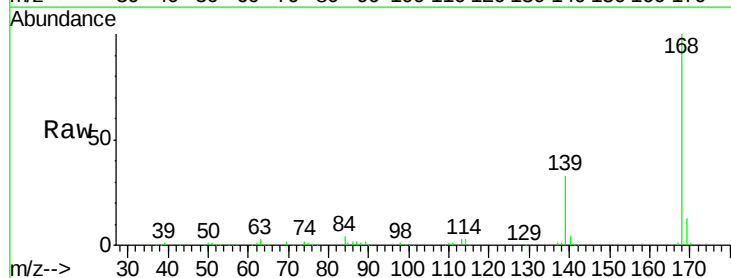


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

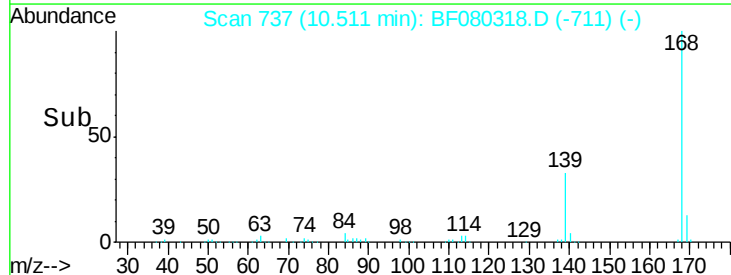
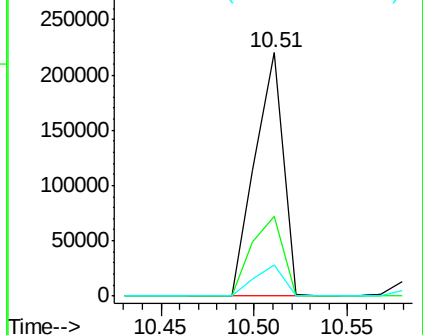


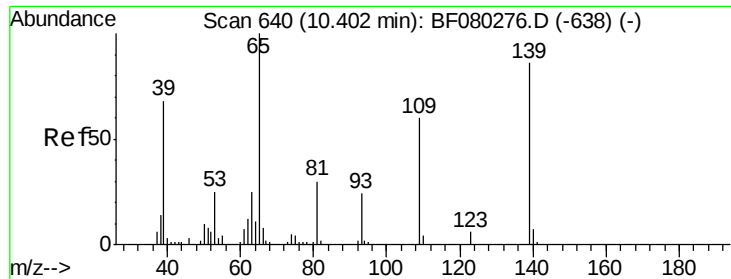
#54
Dibenzofuran
Concen: 42.29 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF080318.D
Acq: 2 Jul 2015 19:58

Tgt Ion:168 Resp: 230486
Ion Ratio Lower Upper
168 100
139 32.6 31.5 47.3
169 12.7 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

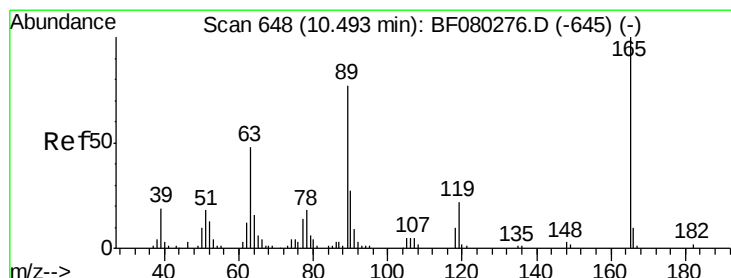
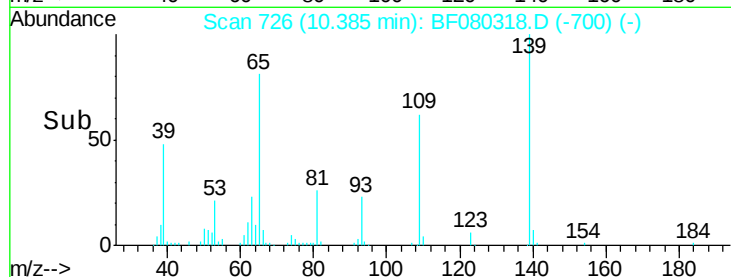
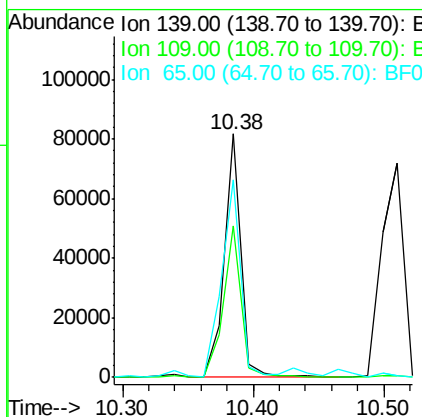
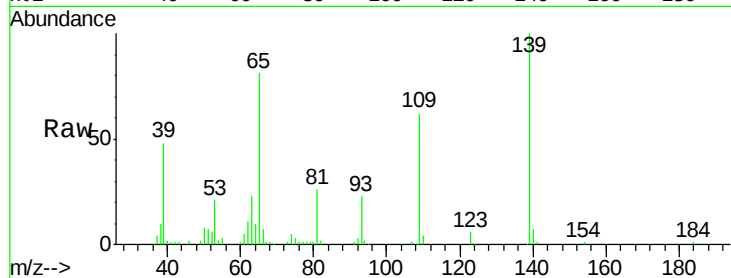




#55
4-Nitrophenol
Concen: 94.41 ng
RT: 10.38 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF080318.D
Acq: 2 Jul 2015 19:58

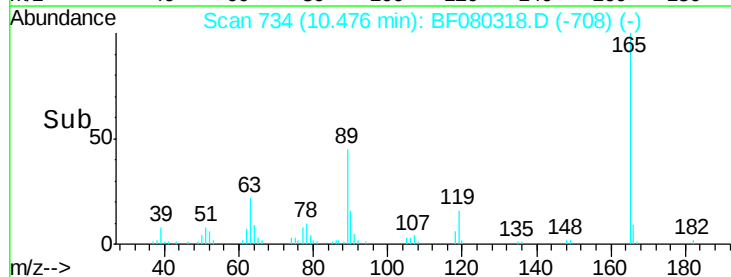
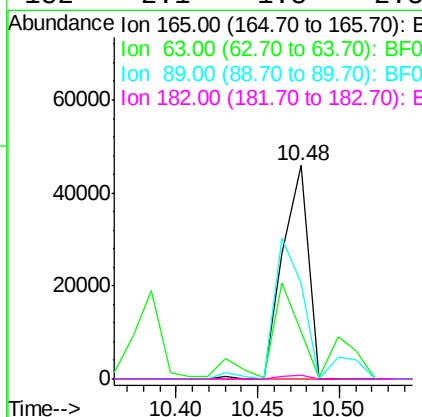
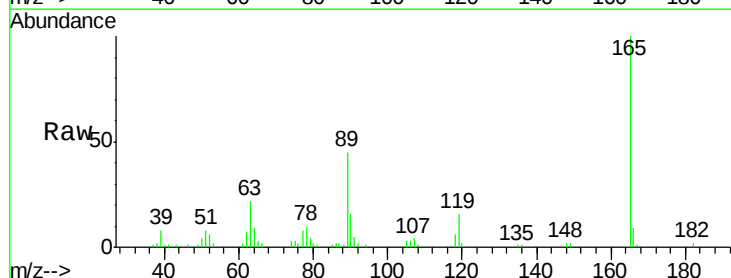
Instrument :
BNA_F
ClientSampleId :
PB84336BS

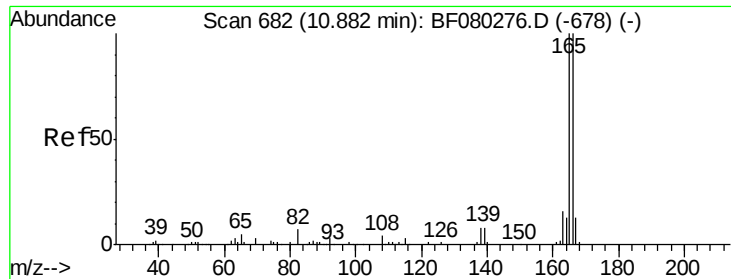
Tgt Ion:139 Resp: 73345
Ion Ratio Lower Upper
139 100
109 62.2 50.2 90.2
65 81.1 96.7 136.7#



#56
2,4-Dinitrotoluene
Concen: 42.26 ng
RT: 10.48 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF080318.D
Acq: 2 Jul 2015 19:58

Tgt Ion:165 Resp: 50214
Ion Ratio Lower Upper
165 100
63 22.3 38.7 58.1#
89 45.1 62.0 93.0#
182 2.1 1.8 2.8

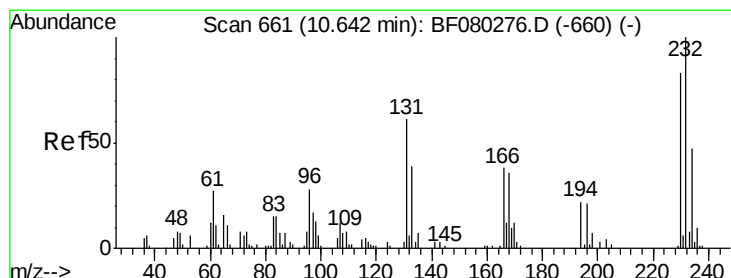
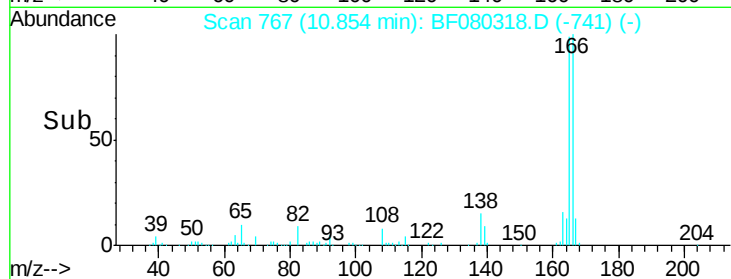
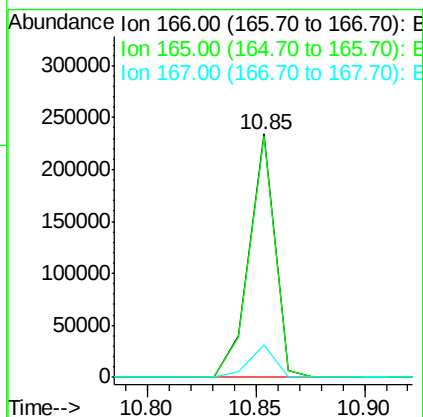
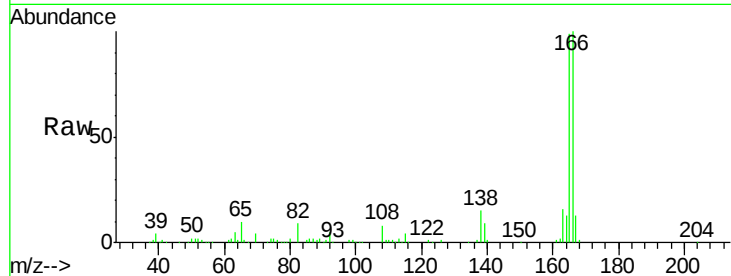




#57
 Fluorene
 Concen: 42.52 ng
 RT: 10.85 min Scan# 767
 Delta R.T. 0.00 min
 Lab File: BF080318.D
 Acq: 2 Jul 2015 19:58

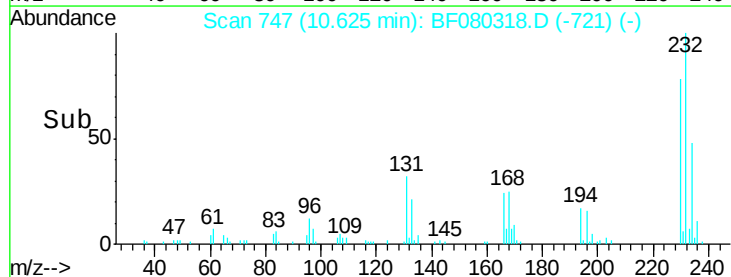
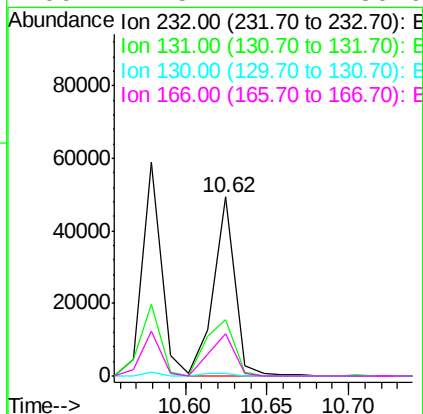
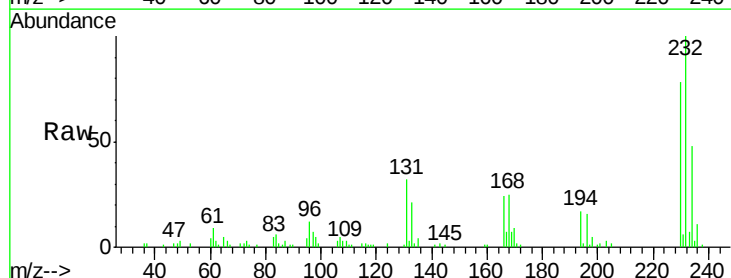
Instrument :
 BNA_F
 ClientSampleId :
 PB84336BS

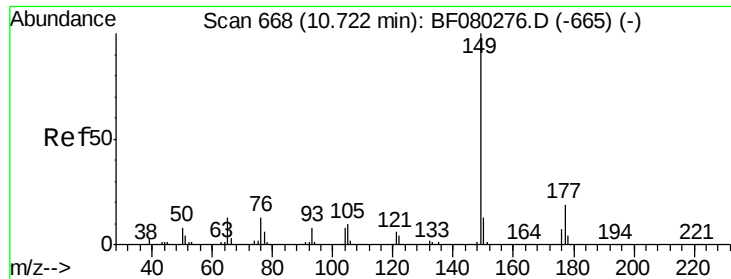
Tgt Ion:166 Resp: 192212
 Ion Ratio Lower Upper
 166 100
 165 99.2 79.9 119.9
 167 13.1 10.3 15.5



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.86 ng
 RT: 10.62 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF080318.D
 Acq: 2 Jul 2015 19:58

Tgt Ion:232 Resp: 45514
 Ion Ratio Lower Upper
 232 100
 131 41.5 37.0 55.6
 130 1.9 1.5 2.3
 166 27.5 24.4 36.6

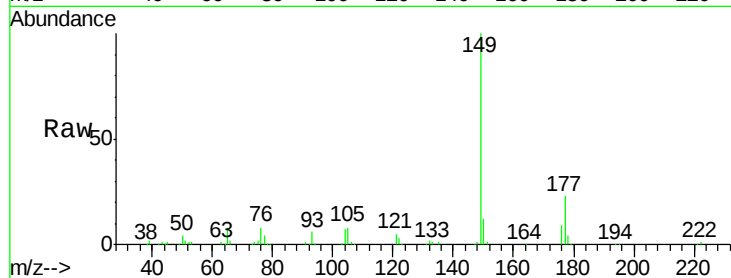




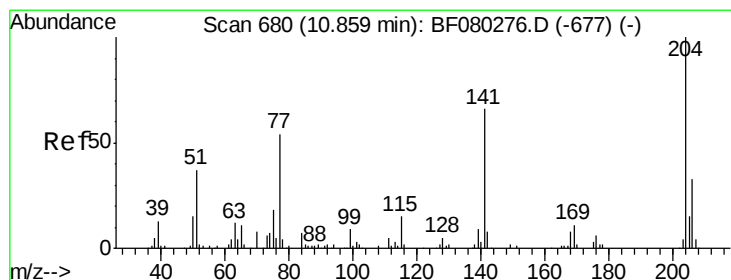
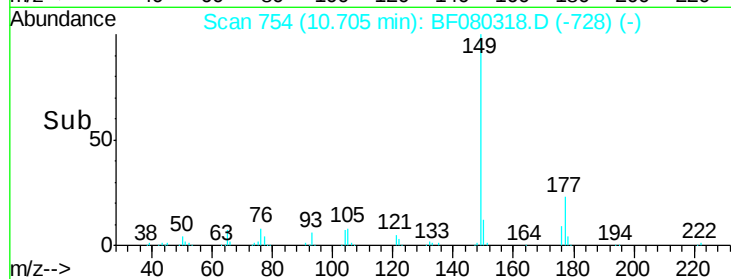
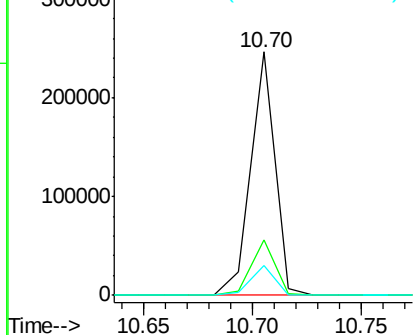
#59
Diethylphthalate
Concen: 44.54 ng
RT: 10.70 min Scan# 754
Delta R.T. 0.00 min
Lab File: BF080318.D
Acq: 2 Jul 2015 19:58

Instrument :
BNA_F
ClientSampleId :
PB84336BS

Tgt Ion:149 Resp: 189733
Ion Ratio Lower Upper
149 100
177 22.9 15.4 23.0
150 12.4 10.5 15.7

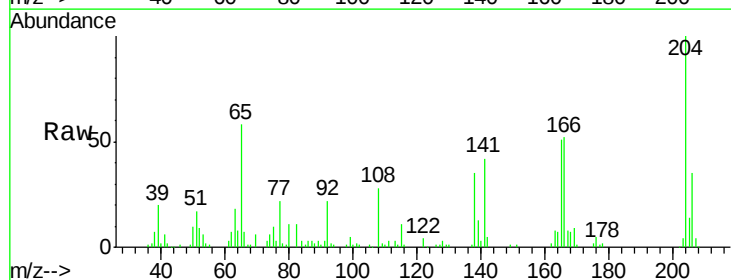


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

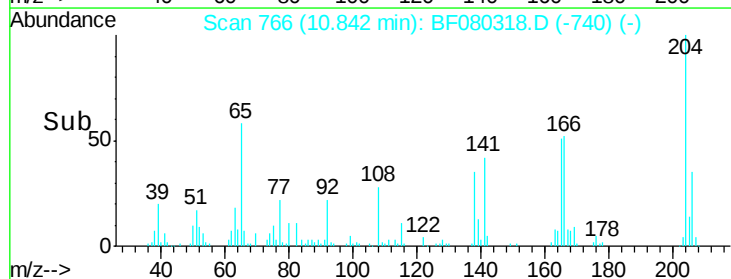
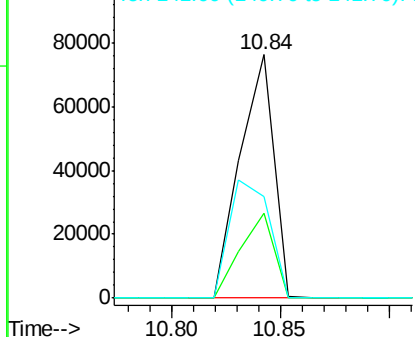


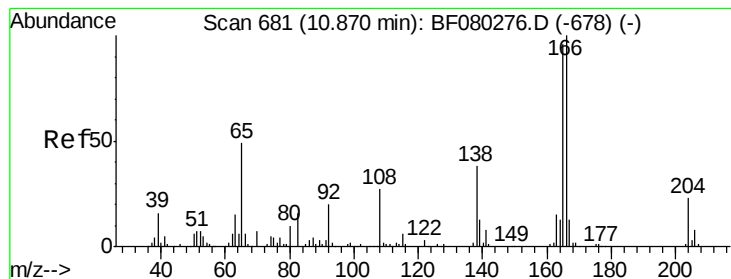
#60
4-Chlorophenyl-phenylether
Concen: 40.19 ng
RT: 10.84 min Scan# 766
Delta R.T. 0.00 min
Lab File: BF080318.D
Acq: 2 Jul 2015 19:58

Tgt Ion:204 Resp: 82144
Ion Ratio Lower Upper
204 100
206 35.0 26.5 39.7
141 41.5 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: 39.92 ng

RT: 10.85 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF080318.D

Acq: 2 Jul 2015 19:58

Instrument :

BNA_F

ClientSampleId :

PB84336BS

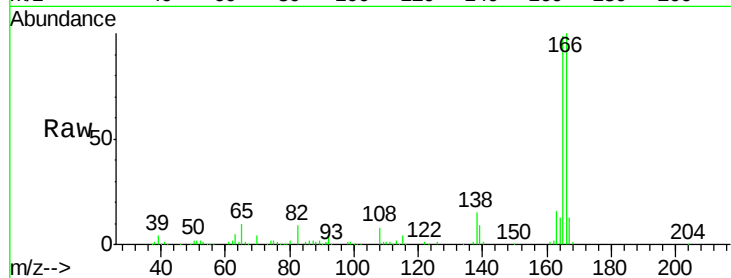
Tgt Ion:138 Resp: 42638

Ion Ratio Lower Upper

138 100

92 35.7 32.7 72.7

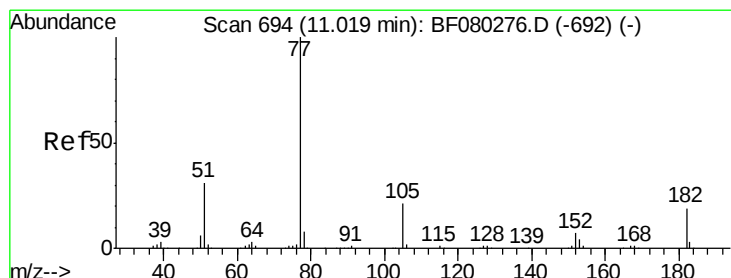
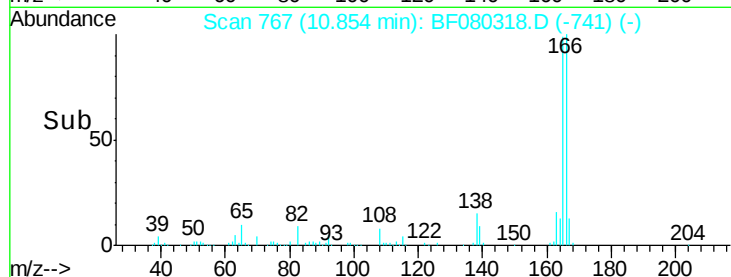
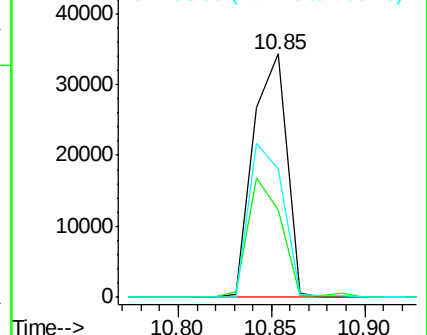
108 52.9 49.6 89.6



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: 38.53 ng

RT: 11.00 min Scan# 780

Delta R.T. 0.00 min

Lab File: BF080318.D

Acq: 2 Jul 2015 19:58

Tgt Ion: 77 Resp: 168829

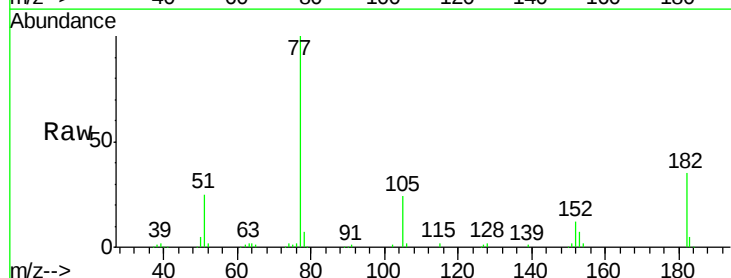
Ion Ratio Lower Upper

77 100

182 34.9 0.0 38.9

105 24.3 1.3 41.3

51 25.2 11.1 51.1

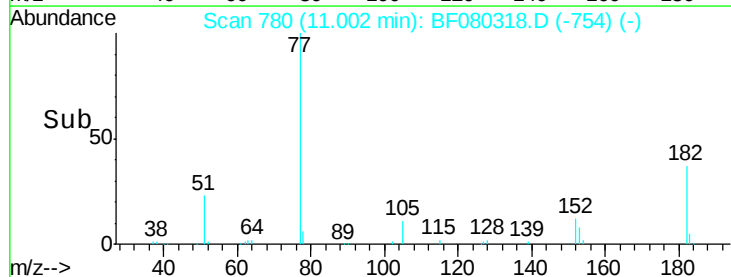
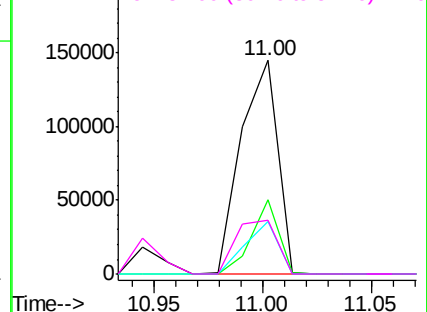


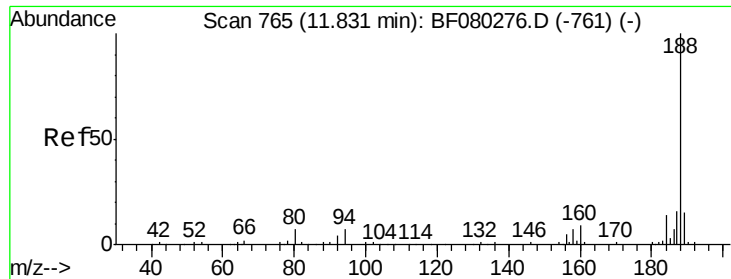
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

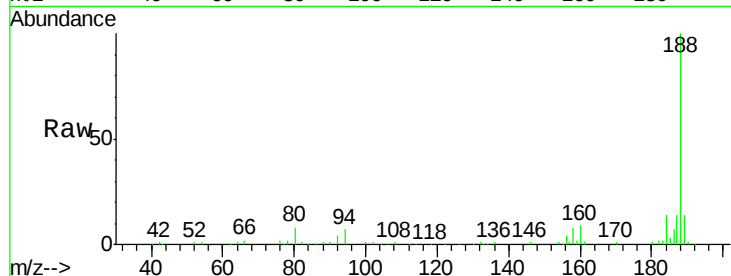




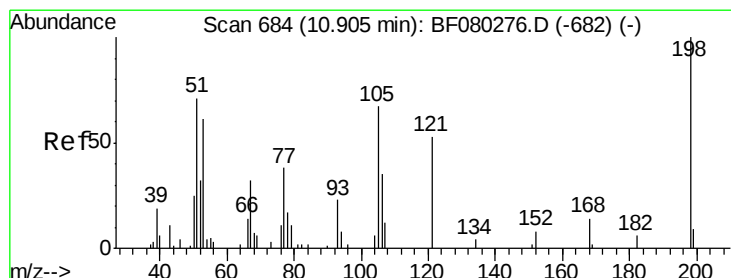
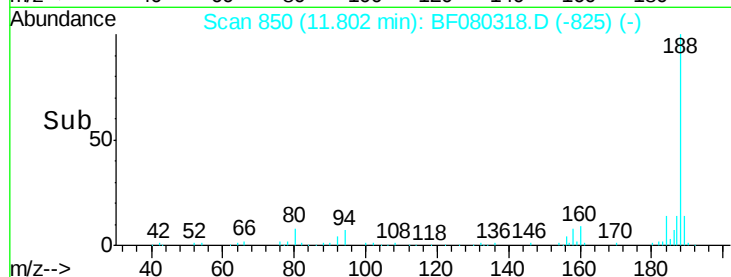
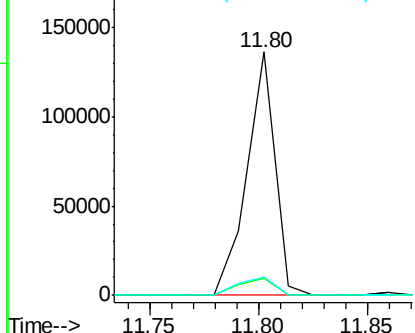
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.80 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF080318.D
Acq: 2 Jul 2015 19:58

Instrument :
BNA_F
ClientSampleId :
PB84336BS

Tgt Ion:188 Resp: 122070
Ion Ratio Lower Upper
188 100
94 7.2 5.4 8.0
80 7.8 5.8 8.6

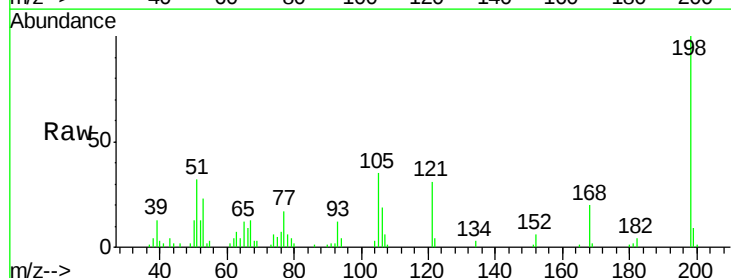


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

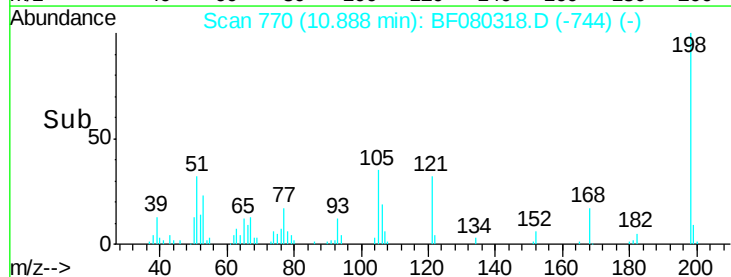
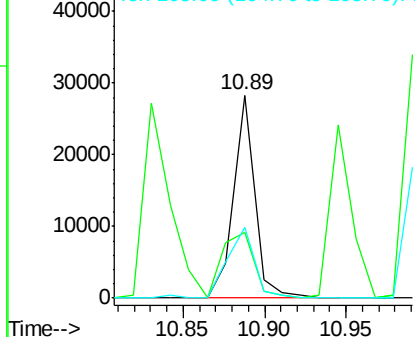


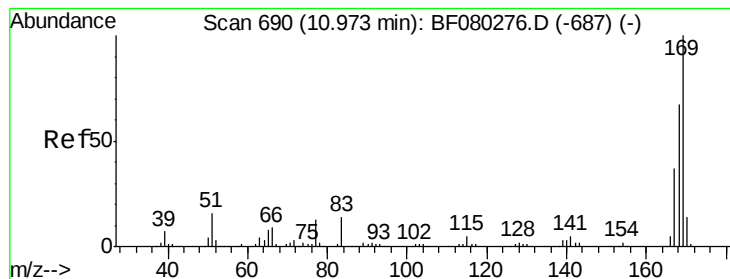
#64
4,6-Dinitro-2-methylphenol
Concen: 48.39 ng
RT: 10.89 min Scan# 770
Delta R.T. 0.00 min
Lab File: BF080318.D
Acq: 2 Jul 2015 19:58

Tgt Ion:198 Resp: 25242
Ion Ratio Lower Upper
198 100
51 32.1 63.7 103.7#
105 35.0 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

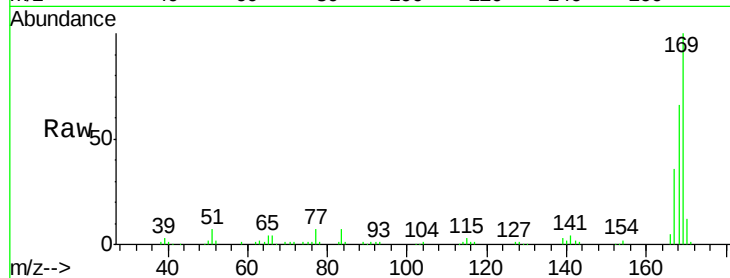




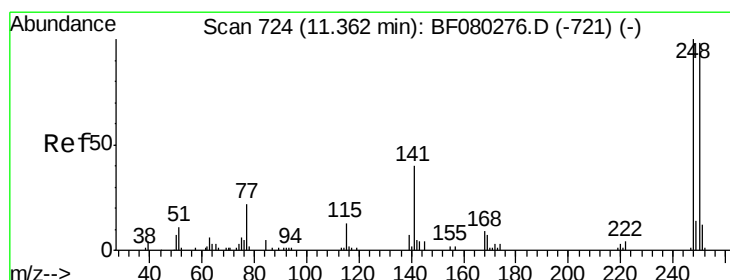
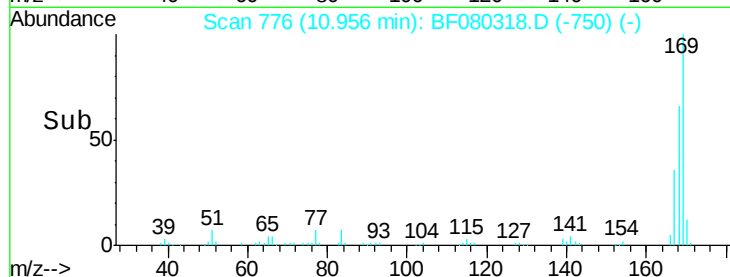
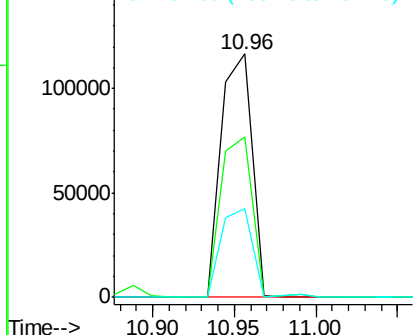
#65
 n-Nitrosodiphenylamine
 Concen: 37.71 ng
 RT: 10.96 min Scan# 776
 Delta R.T. 0.00 min
 Lab File: BF080318.D
 Acq: 2 Jul 2015 19:58

Instrument :
 BNA_F
 ClientSampleId :
 PB84336BS

Tgt Ion:169 Resp: 151262
 Ion Ratio Lower Upper
 169 100
 168 65.9 53.6 80.4
 167 36.3 29.9 44.9

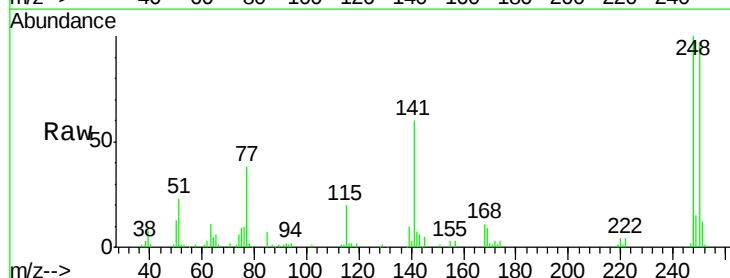


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

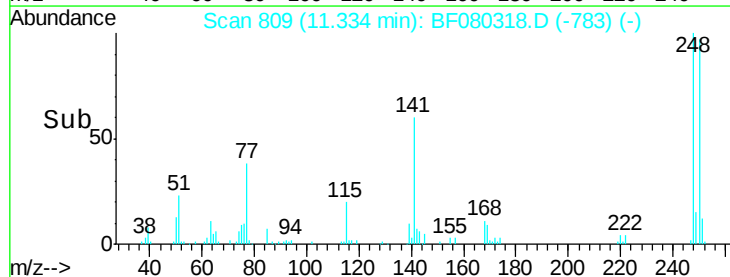
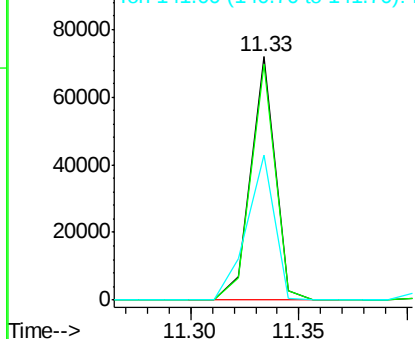


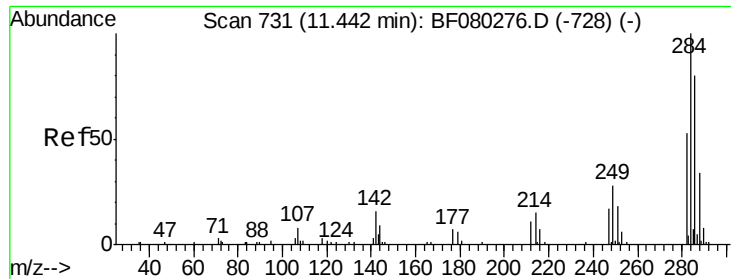
#66
 4-Bromophenyl-phenylether
 Concen: 42.50 ng
 RT: 11.33 min Scan# 809
 Delta R.T. 0.00 min
 Lab File: BF080318.D
 Acq: 2 Jul 2015 19:58

Tgt Ion:248 Resp: 56072
 Ion Ratio Lower Upper
 248 100
 250 96.9 78.2 117.4
 141 59.5 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

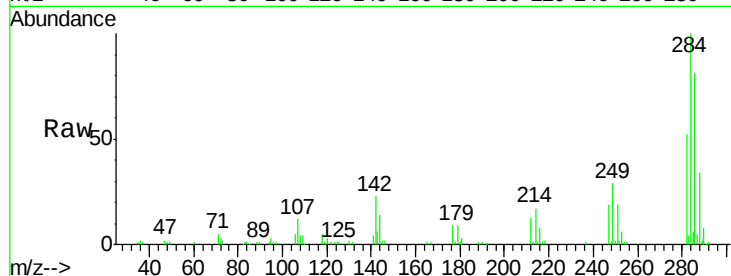




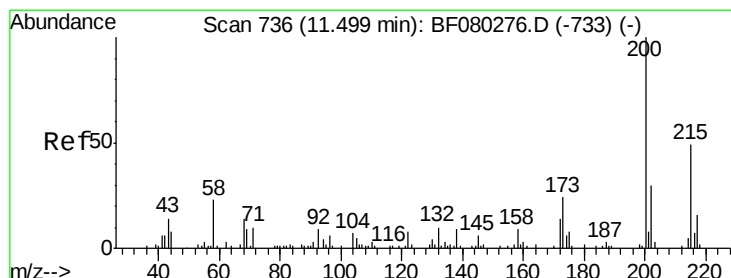
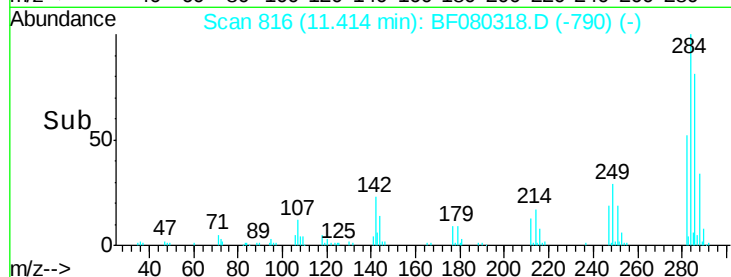
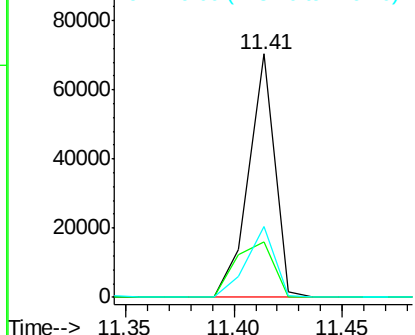
#67
Hexachlorobenzene
Concen: 41.56 ng
RT: 11.41 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF080318.D
Acq: 2 Jul 2015 19:58

Instrument :
BNA_F
ClientSampleId :
PB84336BS

Tgt Ion:284 Resp: 58772
Ion Ratio Lower Upper
284 100
142 23.0 12.5 18.7#
249 28.8 22.4 33.6

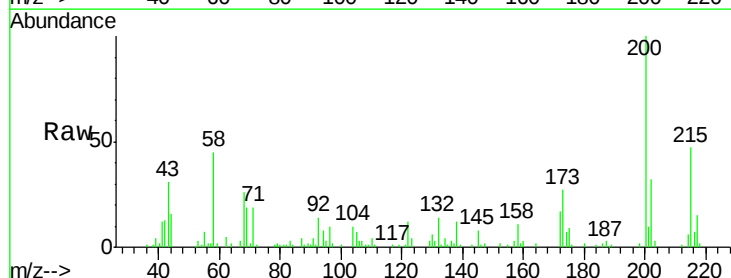


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

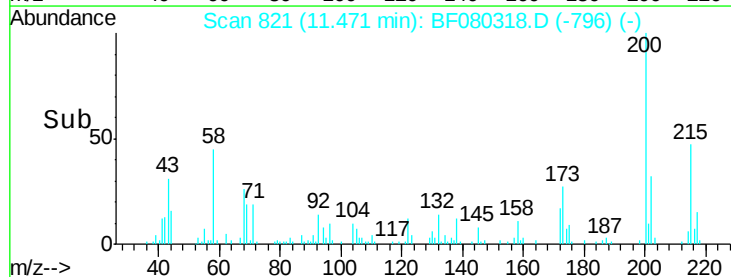
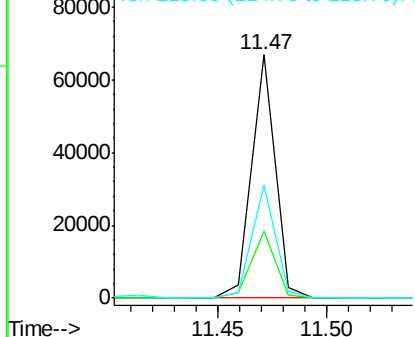


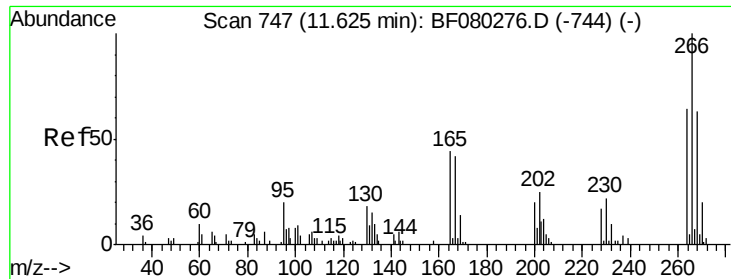
#68
Atrazine
Concen: 41.70 ng
RT: 11.47 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF080318.D
Acq: 2 Jul 2015 19:58

Tgt Ion:200 Resp: 50569
Ion Ratio Lower Upper
200 100
173 27.4 3.5 43.5
215 46.5 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

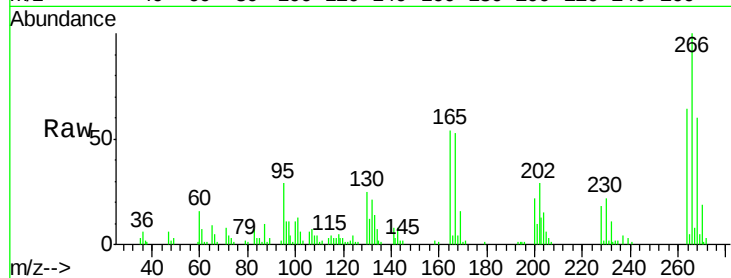




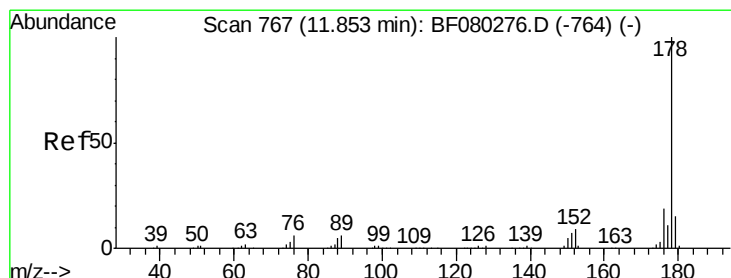
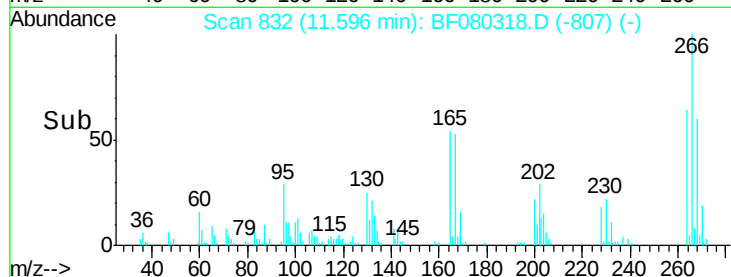
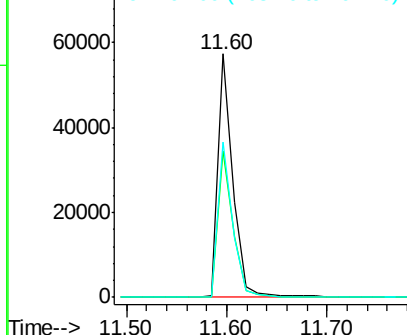
#69
 Pentachlorophenol
 Concen: 77.46 ng
 RT: 11.60 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BF080318.D
 Acq: 2 Jul 2015 19:58

Instrument :
 BNA_F
 ClientSampleId :
 PB84336BS

Tgt Ion:266 Resp: 59255
 Ion Ratio Lower Upper
 266 100
 268 60.1 50.7 76.1
 264 63.9 51.3 76.9

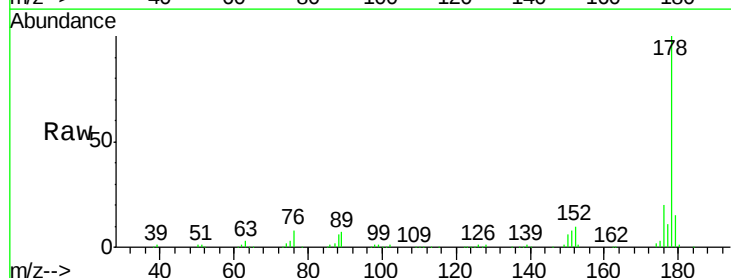


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

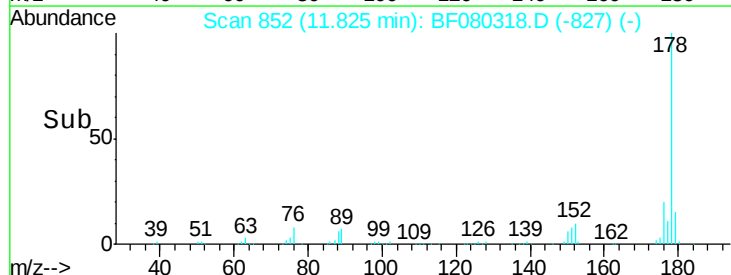
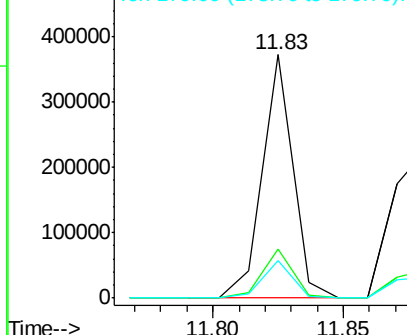


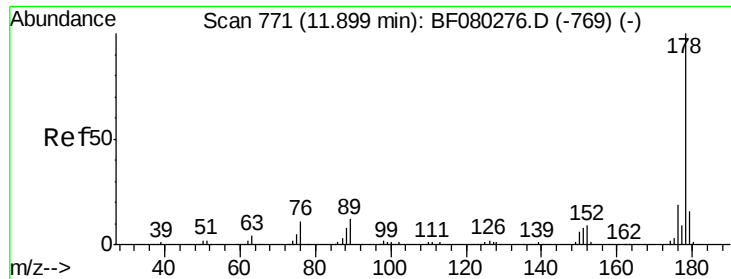
#70
 Phenanthrene
 Concen: 41.20 ng
 RT: 11.83 min Scan# 852
 Delta R.T. -0.01 min
 Lab File: BF080318.D
 Acq: 2 Jul 2015 19:58

Tgt Ion:178 Resp: 301340
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.6 23.4
 179 15.5 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

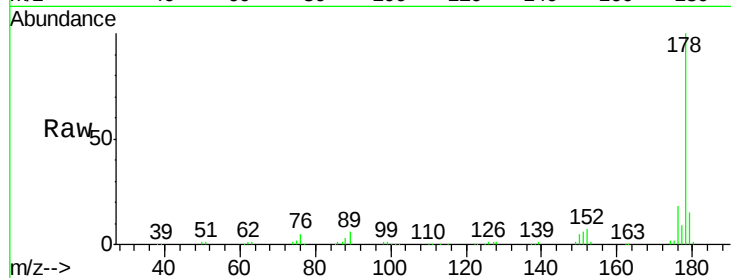




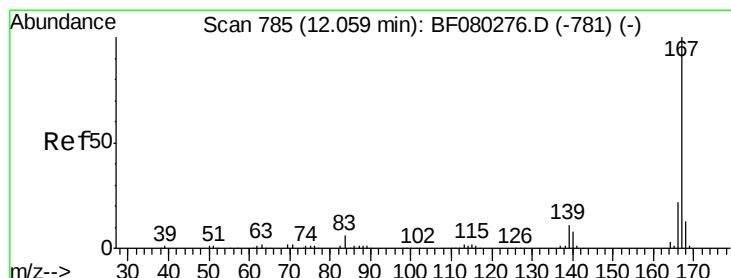
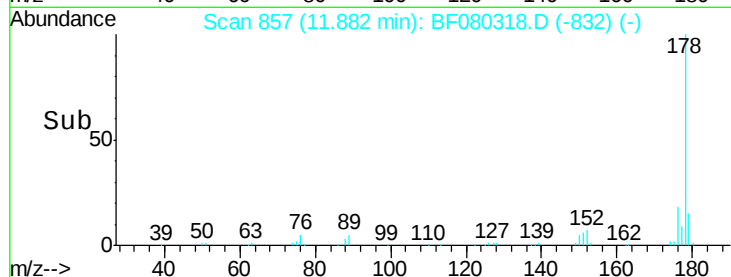
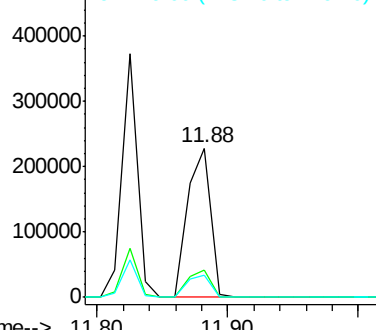
#71
 Anthracene
 Concen: 40.20 ng
 RT: 11.88 min Scan# 857
 Delta R.T. -0.01 min
 Lab File: BF080318.D
 Acq: 2 Jul 2015 19:58

Instrument :
 BNA_F
 ClientSampleId :
 PB84336BS

Tgt Ion:178 Resp: 282108
 Ion Ratio Lower Upper
 178 100
 176 18.1 15.2 22.8
 179 14.8 12.6 18.8

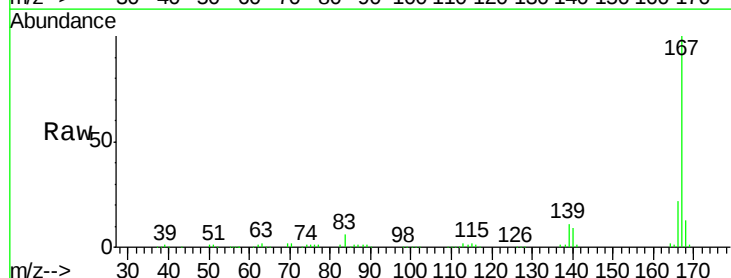


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

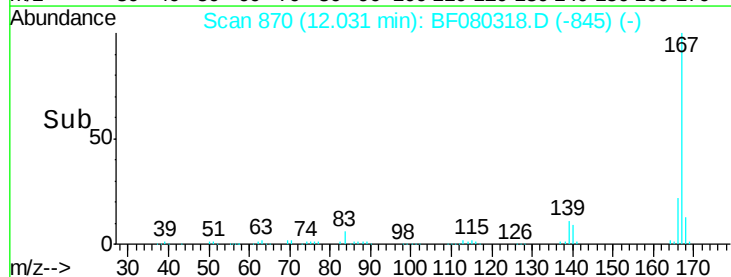
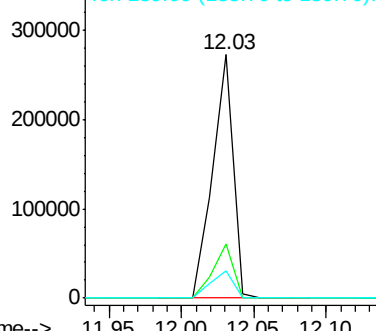


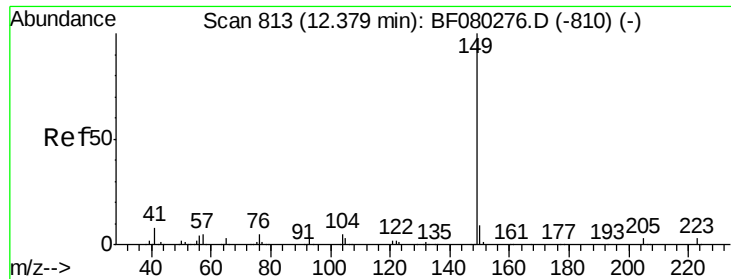
#72
 Carbazole
 Concen: 40.91 ng
 RT: 12.03 min Scan# 870
 Delta R.T. -0.01 min
 Lab File: BF080318.D
 Acq: 2 Jul 2015 19:58

Tgt Ion:167 Resp: 268449
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.3 25.9
 139 11.4 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: 38.37 ng

RT: 12.35 min Scan# 898

Delta R.T. -0.03 min

Lab File: BF080318.D

Acq: 2 Jul 2015 19:58

Instrument :

BNA_F

ClientSampleId :

PB84336BS

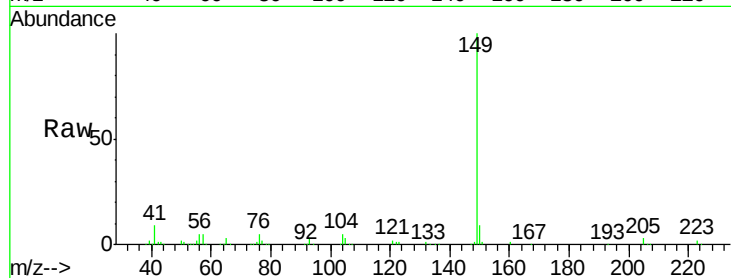
Tgt Ion:149 Resp: 270148

Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

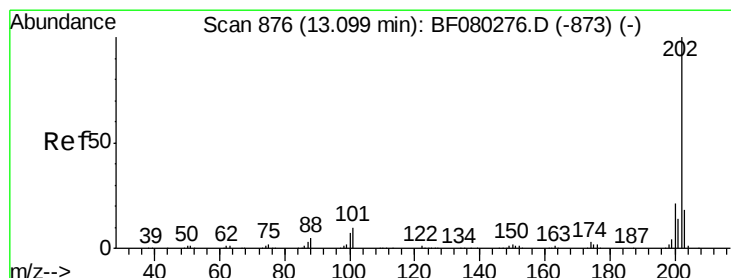
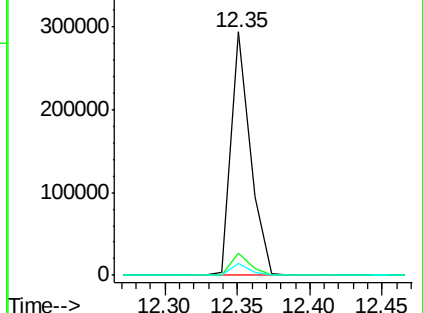
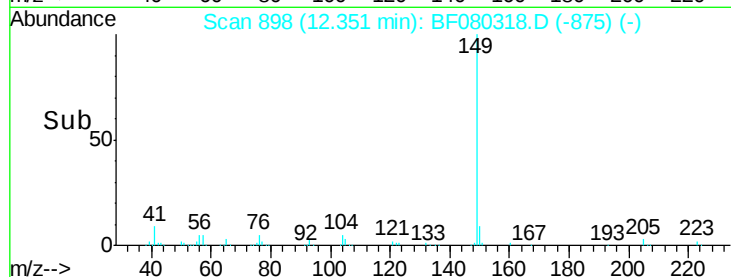
104 5.0 3.7 5.5



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: 41.30 ng

RT: 13.07 min Scan# 961

Delta R.T. -0.06 min

Lab File: BF080318.D

Acq: 2 Jul 2015 19:58

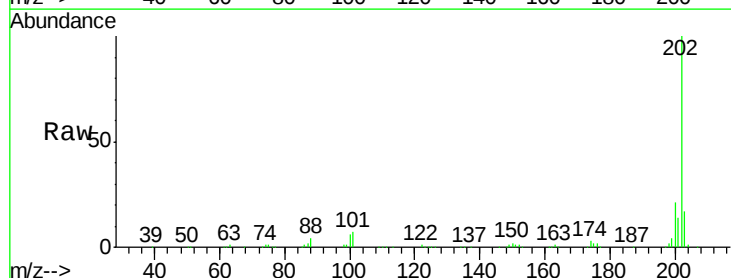
Tgt Ion:202 Resp: 312107

Ion Ratio Lower Upper

202 100

101 7.3 0.0 30.4

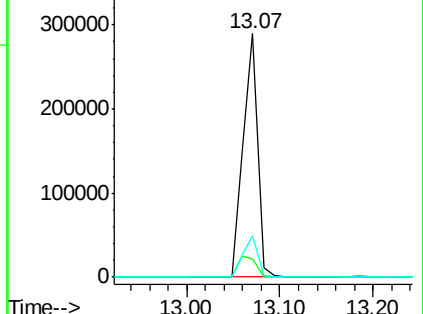
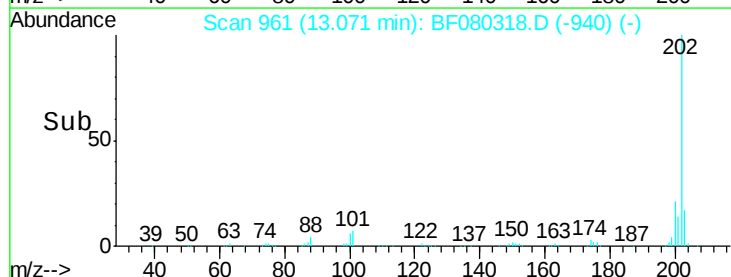
203 17.0 0.0 37.5

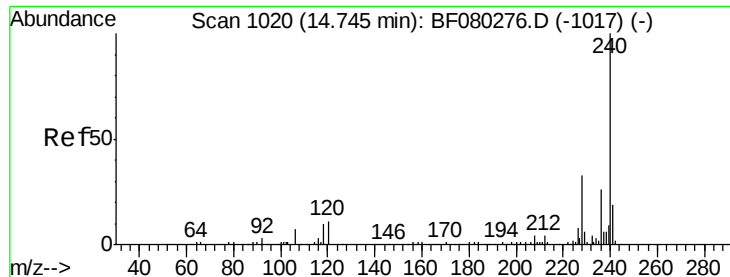


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.72 min Scan# 1105

Delta R.T. -0.14 min

Lab File: BF080318.D

Acq: 2 Jul 2015 19:58

Instrument :

BNA_F

ClientSampleId :

PB84336BS

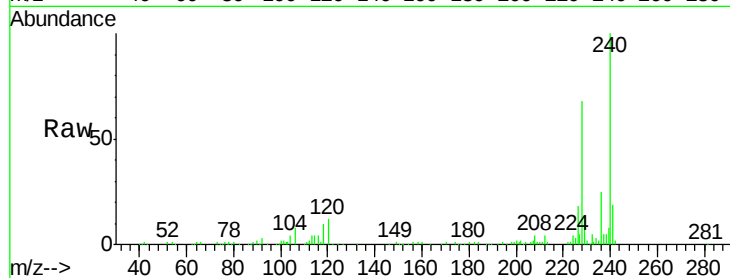
Tgt Ion:240 Resp: 135721

Ion Ratio Lower Upper

240 100

120 11.7 8.7 13.1

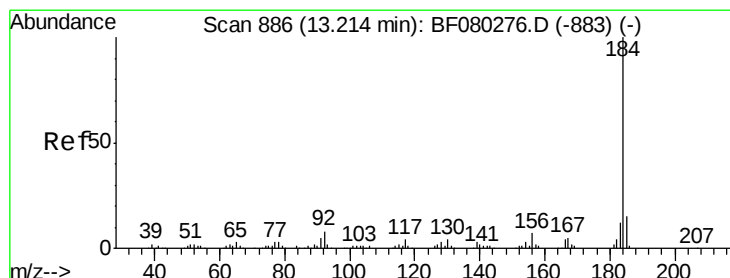
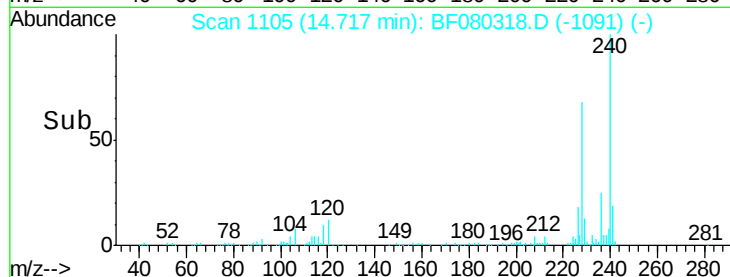
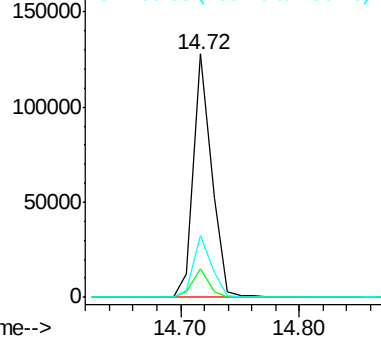
236 25.5 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 44.55 ng

RT: 13.19 min Scan# 971

Delta R.T. -0.07 min

Lab File: BF080318.D

Acq: 2 Jul 2015 19:58

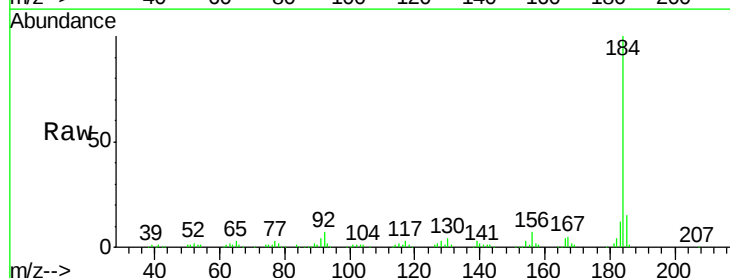
Tgt Ion:184 Resp: 177080

Ion Ratio Lower Upper

184 100

185 15.0 11.8 17.6

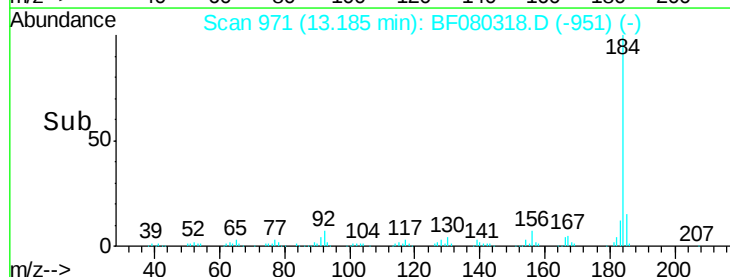
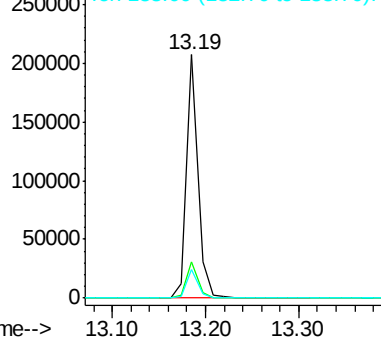
183 11.7 9.4 14.0

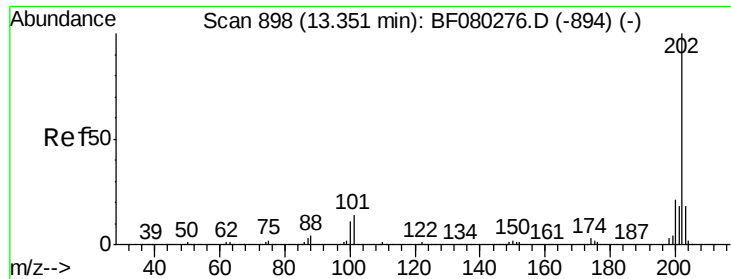


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

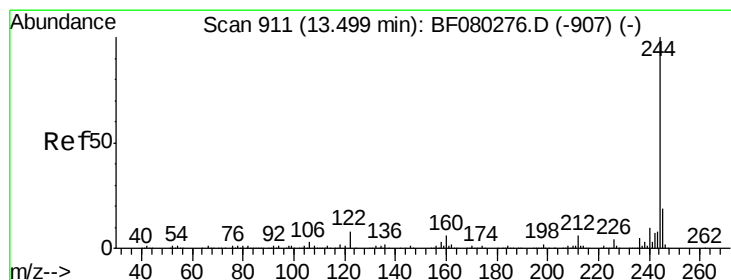
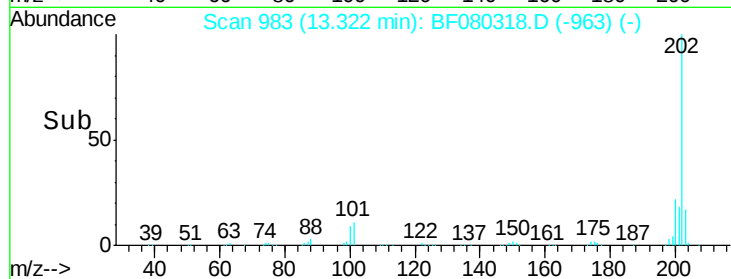
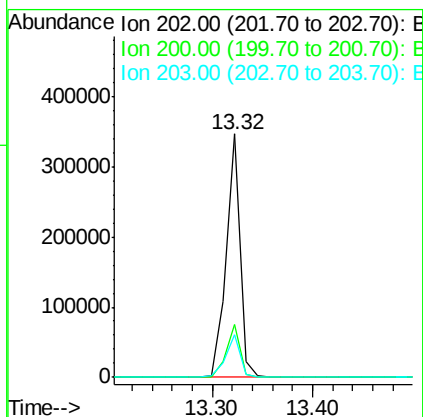
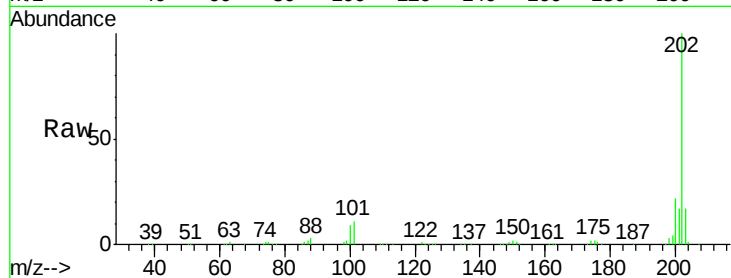




#77
 Pyrene
 Concen: 38.44 ng
 RT: 13.32 min Scan# 983
 Delta R.T. -0.07 min
 Lab File: BF080318.D
 Acq: 2 Jul 2015 19:58

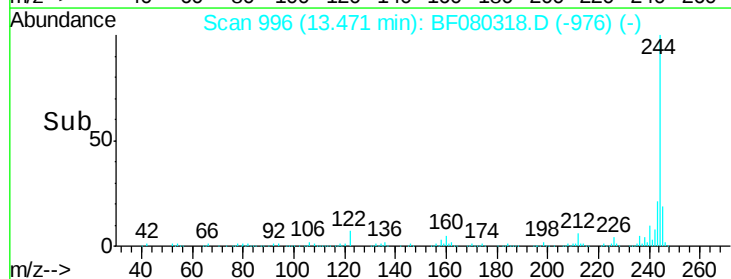
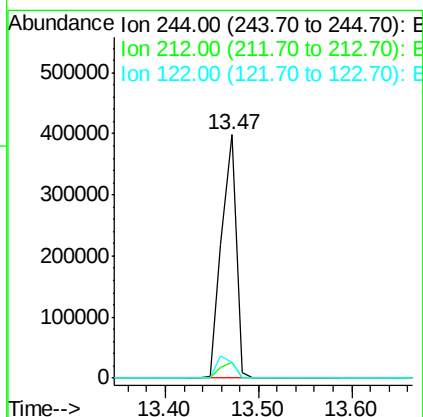
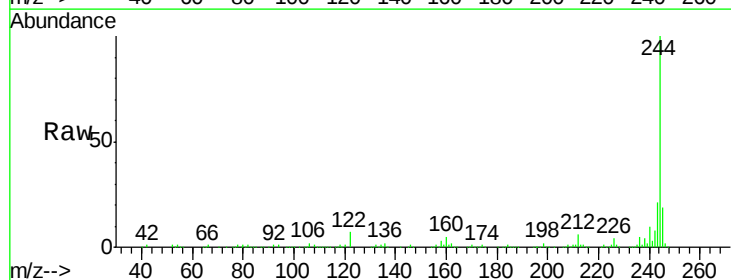
Instrument :
 BNA_F
 ClientSampleId :
 PB84336BS

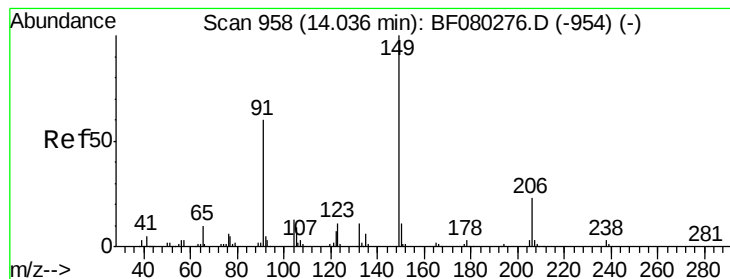
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.0	25.6
203	17.5	14.0	21.0



#78
 Terphenyl-d14
 Concen: 74.96 ng
 RT: 13.47 min Scan# 996
 Delta R.T. -0.07 min
 Lab File: BF080318.D
 Acq: 2 Jul 2015 19:58

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.0	7.6
122	6.6	6.6	9.8





#79

Butylbenzylphthalate

Concen: 35.76 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.10 min

Lab File: BF080318.D

Acq: 2 Jul 2015 19:58

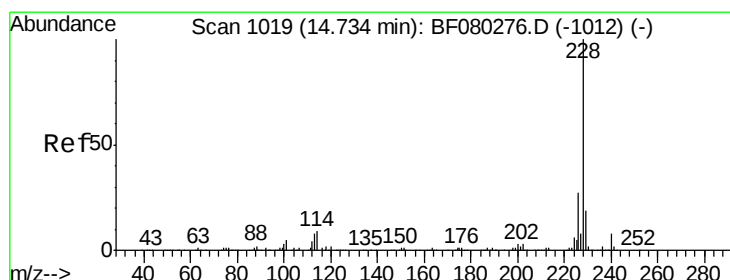
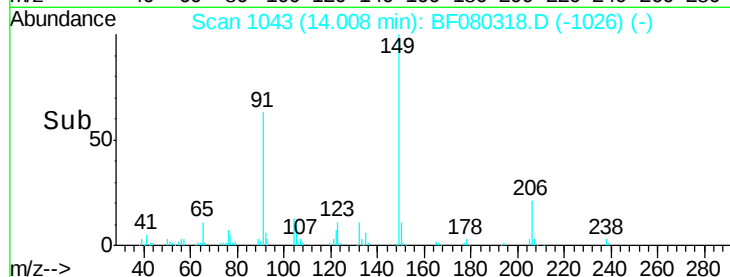
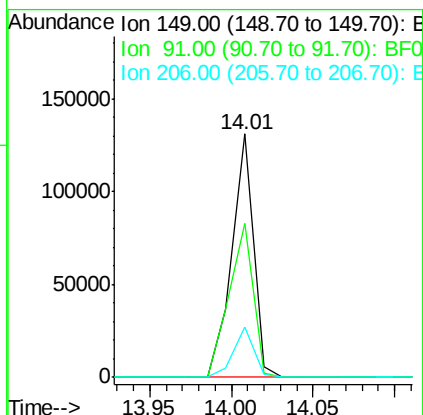
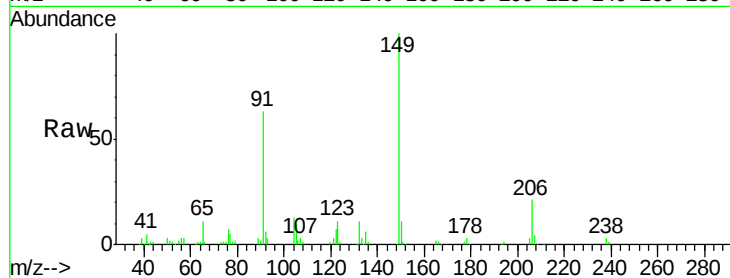
Instrument :

BNA_F

ClientSampleId :

PB84336BS

Tgt Ion:	149	Resp:	119112
Ion	Ratio	Lower	Upper
149	100		
91	63.3	48.1	72.1
206	20.9	18.1	27.1



#80

Benzo(a)anthracene

Concen: 38.79 ng

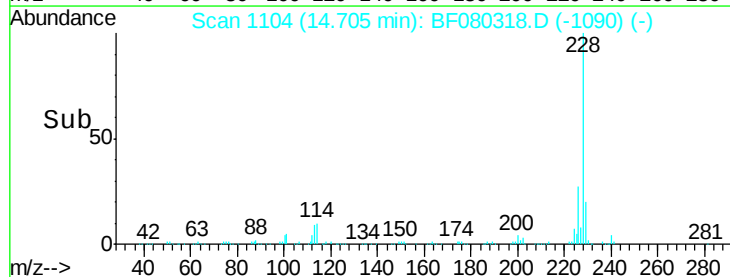
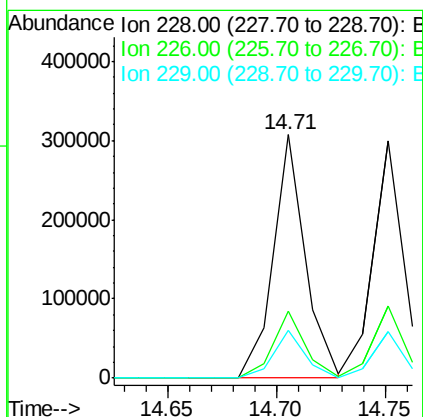
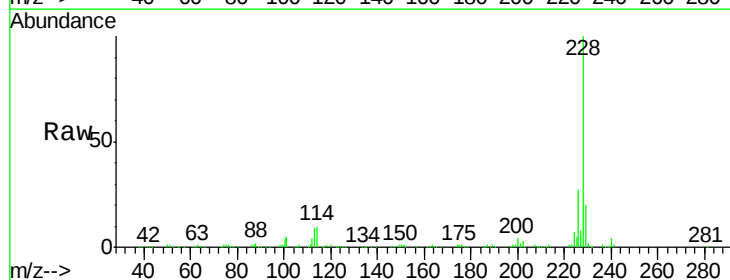
RT: 14.71 min Scan# 1104

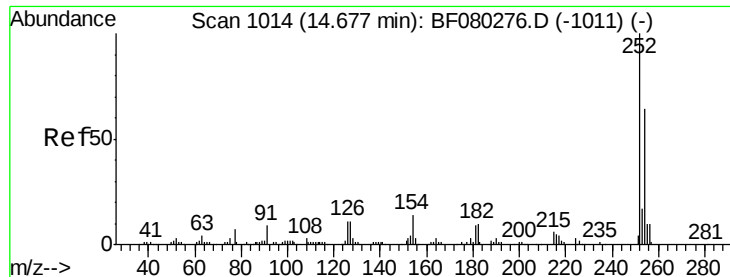
Delta R.T. -0.14 min

Lab File: BF080318.D

Acq: 2 Jul 2015 19:58

Tgt Ion:	228	Resp:	318098
Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.7	32.5
229	19.8	15.5	23.3





#81

3,3'-Dichlorobenzidine

Concen: 28.72 ng

RT: 14.65 min Scan# 1099

Delta R.T. -0.14 min

Lab File: BF080318.D

Acq: 2 Jul 2015 19:58

Instrument :

BNA_F

ClientSampleId :

PB84336BS

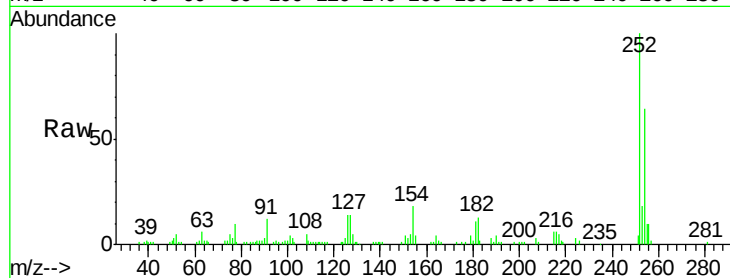
Tgt Ion:252 Resp: 76895

Ion Ratio Lower Upper

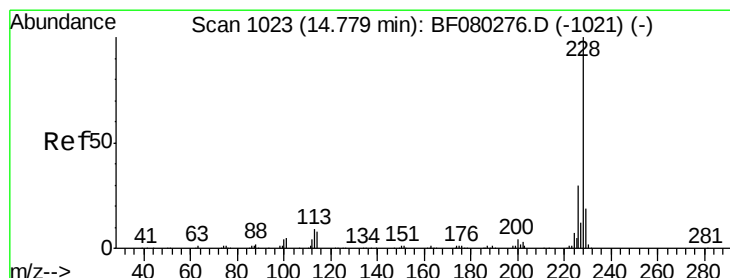
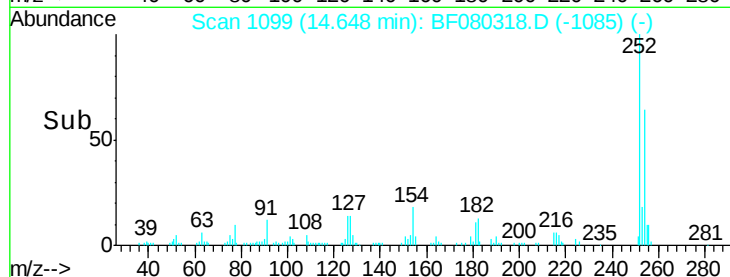
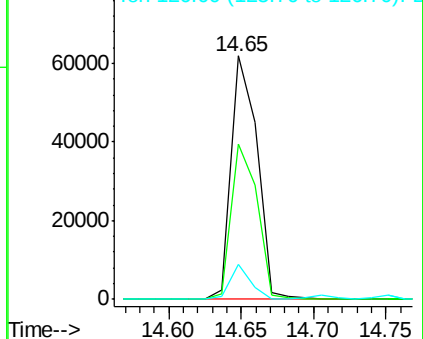
252 100

254 64.0 50.8 76.2

126 14.4 9.0 13.6#



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



#82

Chrysene

Concen: 39.37 ng

RT: 14.75 min Scan# 1108

Delta R.T. -0.14 min

Lab File: BF080318.D

Acq: 2 Jul 2015 19:58

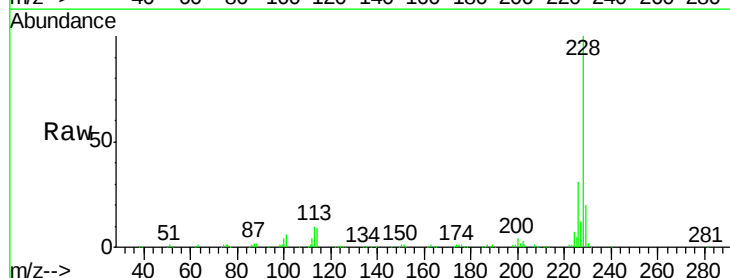
Tgt Ion:228 Resp: 297669

Ion Ratio Lower Upper

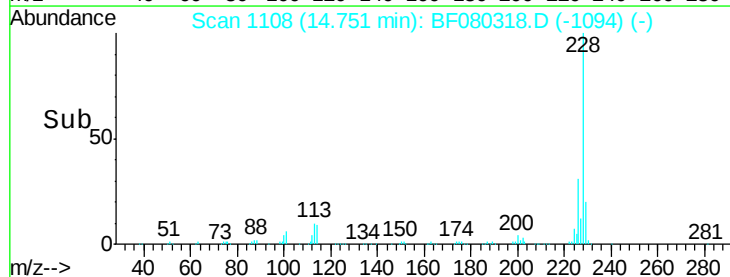
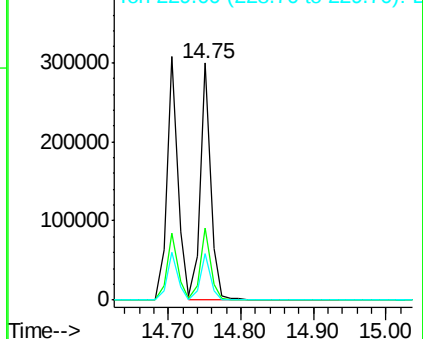
228 100

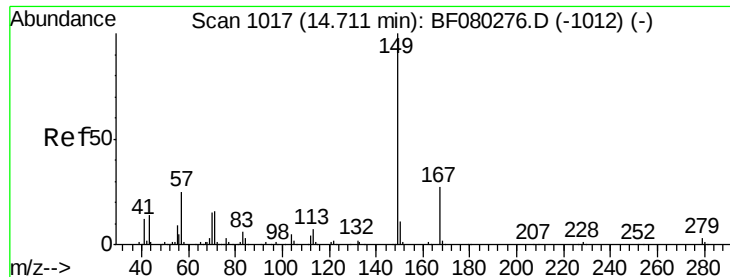
226 30.7 24.0 36.0

229 19.8 15.4 23.0



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

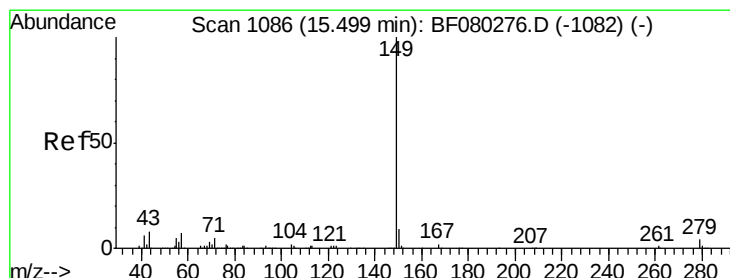
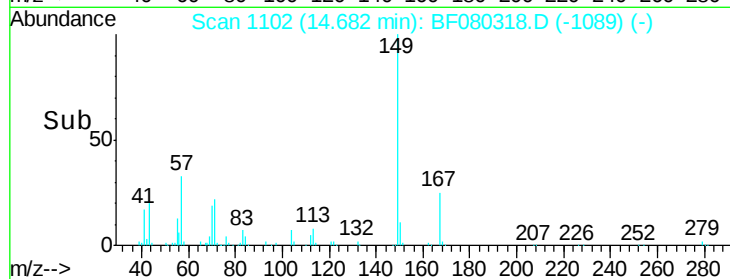
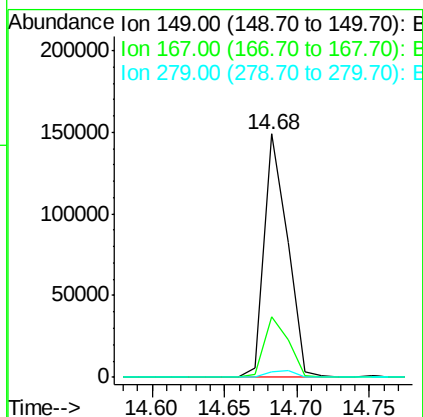
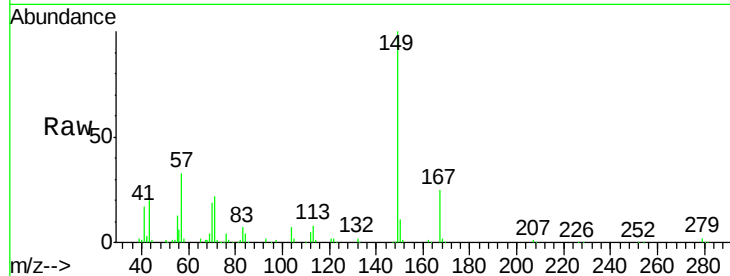




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 35.44 ng
 RT: 14.68 min Scan# 1102
 Delta R.T. -0.15 min
 Lab File: BF080318.D
 Acq: 2 Jul 2015 19:58

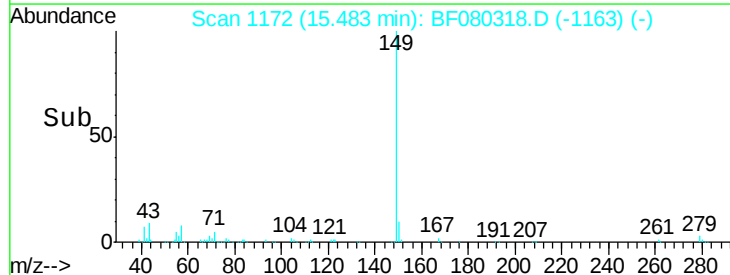
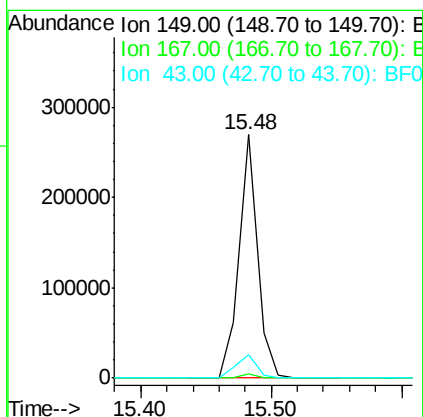
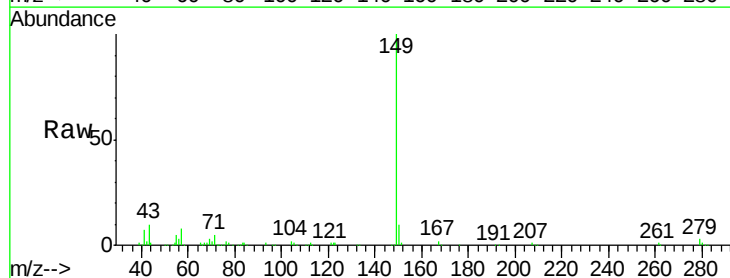
Instrument :
 BNA_F
 ClientSampleId :
 PB84336BS

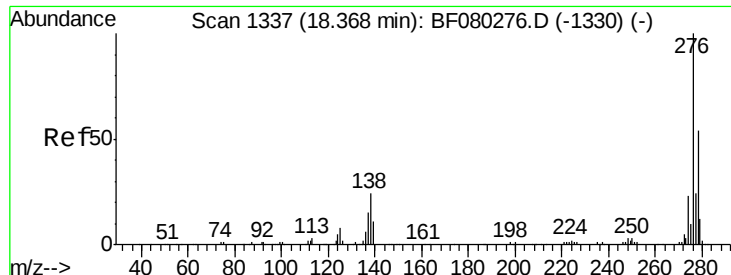
Tgt Ion:149 Resp: 166169
 Ion Ratio Lower Upper
 149 100
 167 24.9 21.7 32.5
 279 2.2 2.7 4.1#



#84
 Di-n-octyl phthalate
 Concen: 33.58 ng
 RT: 15.48 min Scan# 1172
 Delta R.T. -0.19 min
 Lab File: BF080318.D
 Acq: 2 Jul 2015 19:58

Tgt Ion:149 Resp: 265294
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 11.2 8.3 12.5

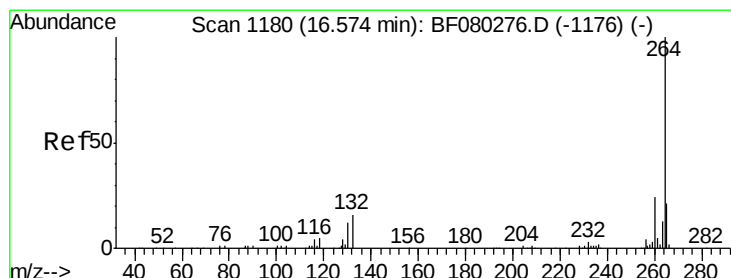
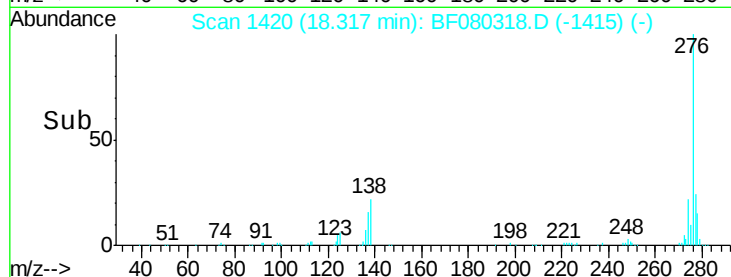
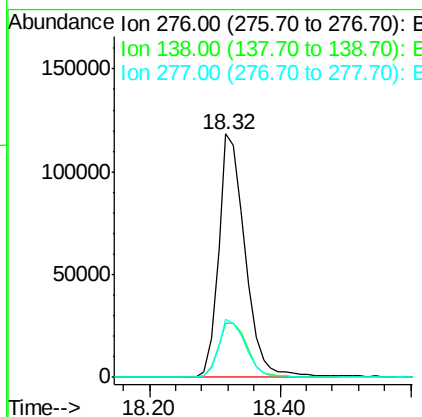
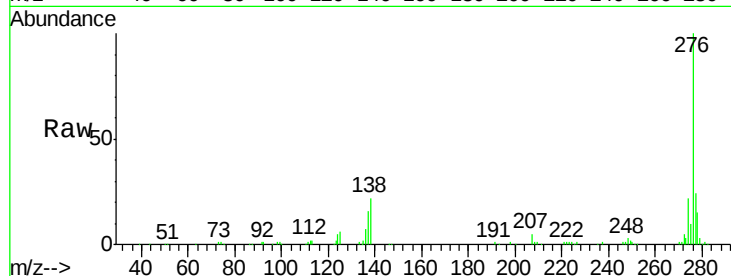




#85
Indeno(1,2,3-cd)pyrene
Concen: 39.35 ng
RT: 18.32 min Scan# 1420
Delta R.T. -0.24 min
Lab File: BF080318.D
Acq: 2 Jul 2015 19:58

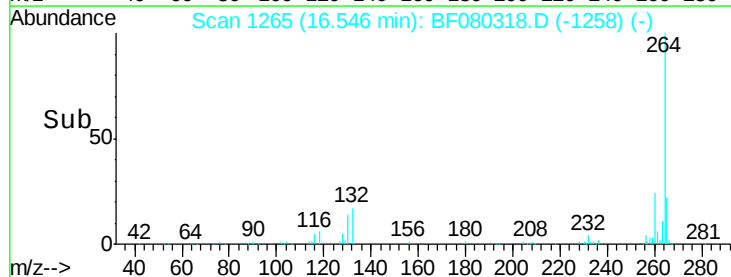
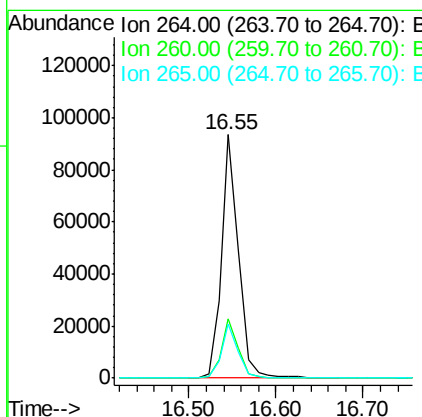
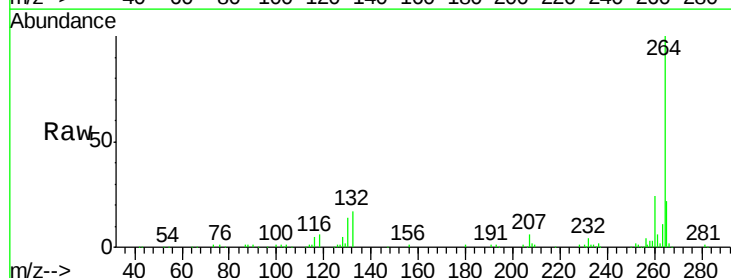
Instrument :
BNA_F
ClientSampleId :
PB84336BS

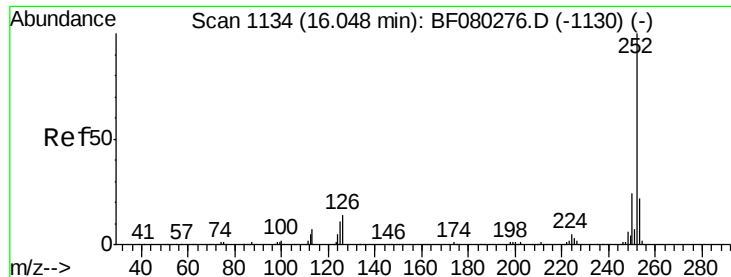
Tgt Ion: 276 Resp: 334503
Ion Ratio Lower Upper
276 100
138 24.9 21.0 31.6
277 24.4 19.4 29.0



#86
Perylene-d12
Concen: 20.00 ng
RT: 16.55 min Scan# 1265
Delta R.T. -0.22 min
Lab File: BF080318.D
Acq: 2 Jul 2015 19:58

Tgt Ion: 264 Resp: 128059
Ion Ratio Lower Upper
264 100
260 24.5 19.2 28.8
265 22.1 16.9 25.3





#87

Benzo(b)fluoranthene

Concen: 36.58 ng

RT: 16.03 min Scan# 1220

Delta R.T. -0.21 min

Lab File: BF080318.D

Acq: 2 Jul 2015 19:58

Instrument :

BNA_F

ClientSampleId :

PB84336BS

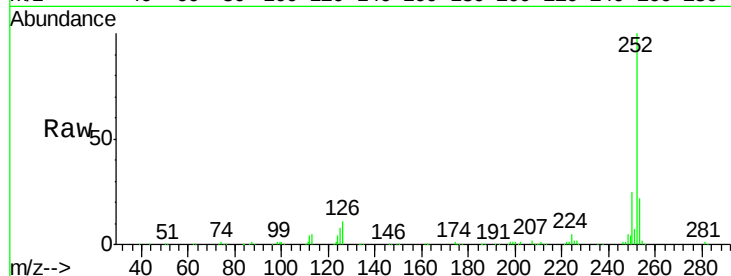
Tgt Ion:252 Resp: 295906

Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

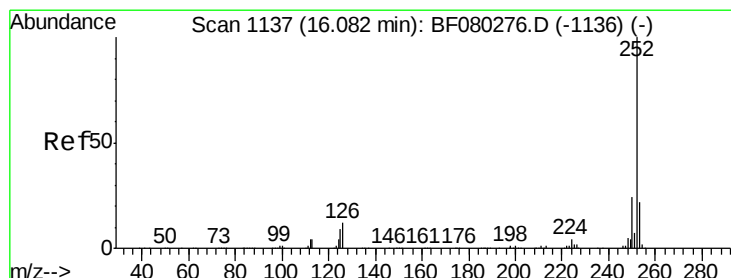
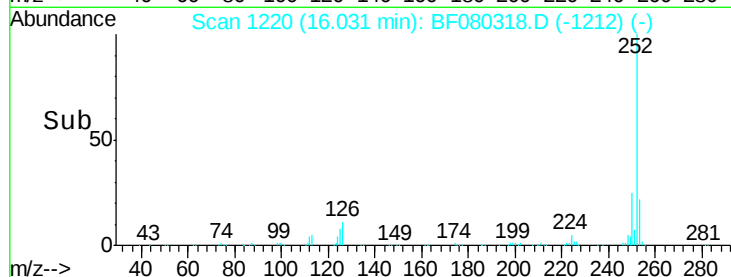
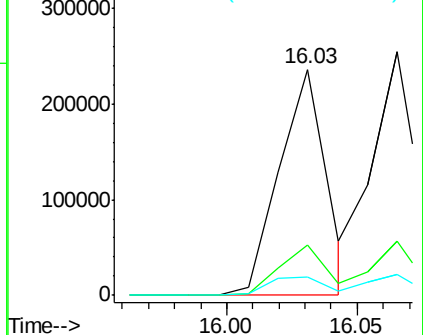
125 7.9 8.6 12.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 41.69 ng

RT: 16.07 min Scan# 1223

Delta R.T. -0.21 min

Lab File: BF080318.D

Acq: 2 Jul 2015 19:58

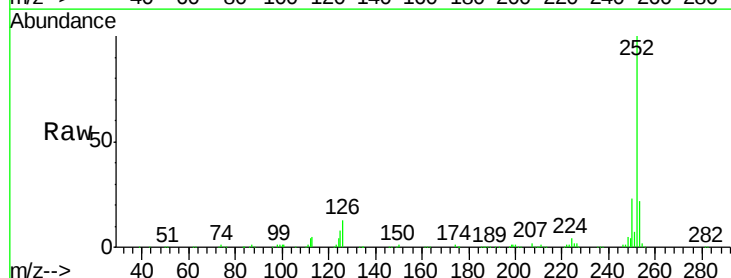
Tgt Ion:252 Resp: 317575

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.2

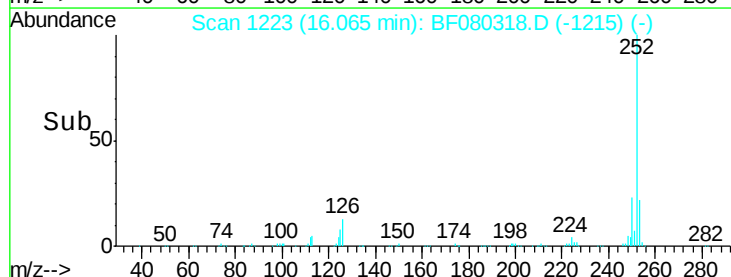
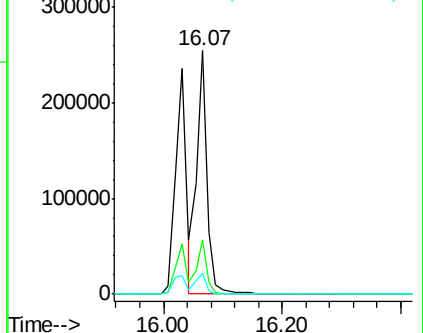
125 8.5 8.4 12.6

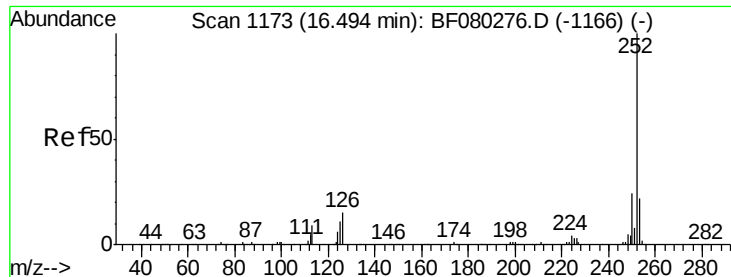


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 41.32 ng

RT: 16.48 min Scan# 1259

Delta R.T. -0.21 min

Lab File: BF080318.D

Acq: 2 Jul 2015 19:58

Instrument :

BNA_F

ClientSampleId :

PB84336BS

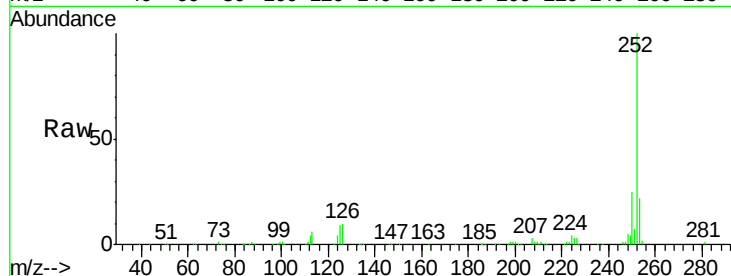
Tgt Ion:252 Resp: 304585

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

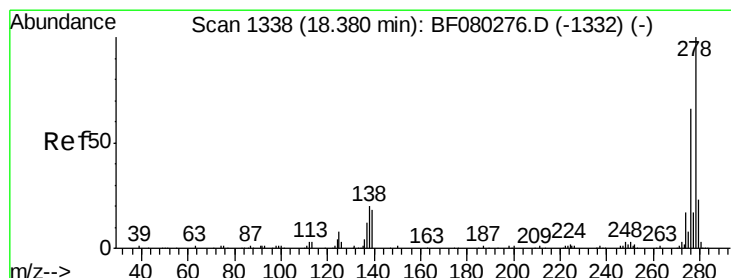
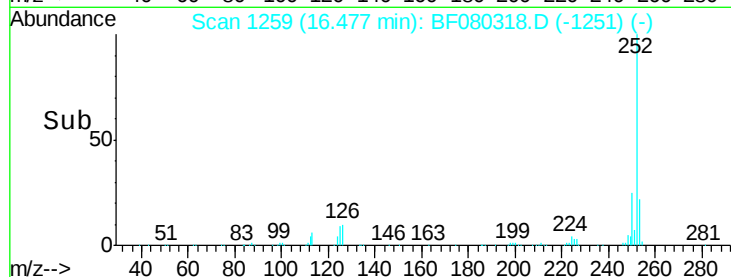
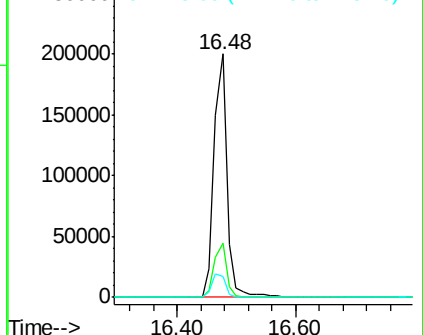
125 8.5 9.0 13.4#



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: 41.12 ng

RT: 18.34 min Scan# 1422

Delta R.T. -0.24 min

Lab File: BF080318.D

Acq: 2 Jul 2015 19:58

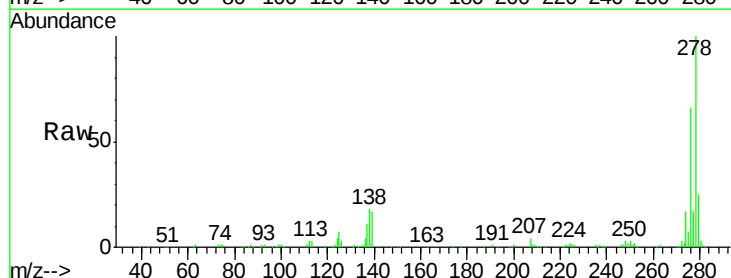
Tgt Ion:278 Resp: 284409

Ion Ratio Lower Upper

278 100

139 17.1 14.6 21.8

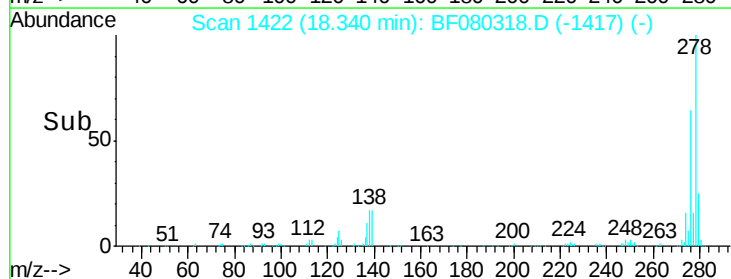
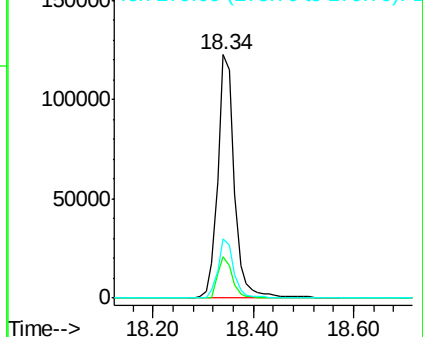
279 24.6 18.7 28.1

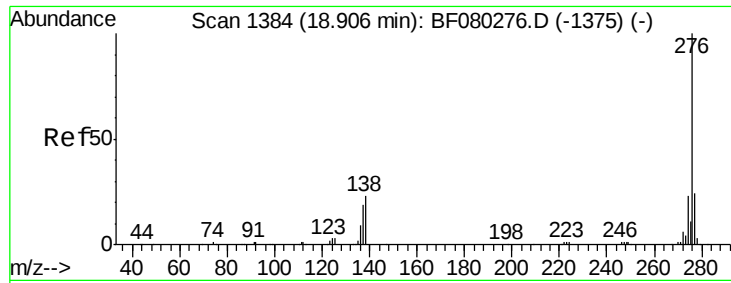


Abundance Ion 278.00 (277.70 to 278.70): E

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: 40.29 ng

RT: 18.85 min Scan# 1467

Delta R.T. -0.24 min

Lab File: BF080318.D

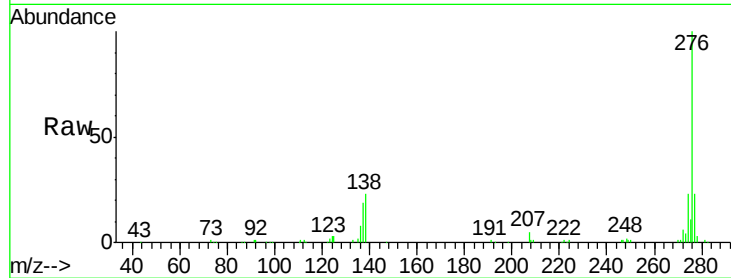
Acq: 2 Jul 2015 19:58

Instrument :

BNA_F

ClientSampleId :

PB84336BS



Tgt Ion:	276	Resp:	290751
Ion	Ratio	Lower	Upper
276	100		
277	22.9	19.0	28.6
138	22.7	18.1	27.1

