

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073115\
 Data File : BF080745.D
 Acq On : 31 Jul 2015 20:54
 Operator : TP/UM
 Sample : PB84784BS
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84784BS

Quant Time: Aug 01 01:54:40 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 31 01:45:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	142076	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	505086	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	259337	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	479616	20.00	ng	0.00
75) Chrysene-d12	14.00	240	313958	20.00	ng	0.00
86) Perylene-d12	15.41	264	267304	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	1079184	130.30	ng	0.02
7) Phenol-d6	6.49	99	1403821	124.51	ng	0.00
23) Nitrobenzene-d5	7.41	82	969605	92.96	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	383944	142.68	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1650533	94.95	ng	0.00
78) Terphenyl-d14	12.96	244	1526690	91.97	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	157126	38.47	ng	99
3) Pyridine	3.31	79	453195	39.99	ng	99
4) n-Nitrosodimethylamine	3.26	42	268762	41.49	ng	100
6) Aniline	6.52	93	356750	21.98	ng	99
8) 2-Chlorophenol	6.64	128	371398	40.01	ng	100
9) Benzaldehyde	6.40	77	90200	10.94	ng	90
10) Phenol	6.50	94	591127	45.30	ng	97
11) bis(2-Chloroethyl)ether	6.59	93	361287	38.76	ng	100
12) 1,3-Dichlorobenzene	6.80	146	439036	42.48	ng	96
13) 1,4-Dichlorobenzene	6.88	146	435066	41.27	ng	97
14) 1,2-Dichlorobenzene	7.02	146	424721	44.07	ng	96
15) Benzyl Alcohol	7.00	79	308210	32.91	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.14	45	876114	43.99	ng	98
17) 2-Methylphenol	7.10	107	319804	41.97	ng	98
18) Hexachloroethane	7.37	117	168625	42.85	ng	92
19) n-Nitroso-di-n-propylamine	7.26	70	316860	41.73	ng	98
20) 3+4-Methylphenols	7.26	107	414013	44.04	ng	# 86
22) Acetophenone	7.26	105	537737	44.11	ng	# 89
24) Nitrobenzene	7.44	77	492833	47.16	ng	96
25) Isophorone	7.68	82	819365	44.17	ng	96
26) 2-Nitrophenol	7.76	139	197630	46.59	ng	# 87
27) 2,4-Dimethylphenol	7.79	122	448545	56.29	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	506484	46.09	ng	97
29) 2,4-Dichlorophenol	8.00	162	329636	46.54	ng	96
30) 1,2,4-Trichlorobenzene	8.08	180	338056	43.77	ng	98
31) Naphthalene	8.16	128	1070128	42.45	ng	100
32) Benzoic acid	7.90	122	167324	30.06	ng	99
33) 4-Chloroaniline	8.20	127	102473	9.63	ng	# 93
34) Hexachlorobutadiene	8.28	225	230078	46.14	ng	98
35) Caprolactam	8.57	113	61200	28.85	ng	98
36) 4-Chloro-3-methylphenol	8.69	107	374014	48.98	ng	98
37) 2-Methylnaphthalene	8.85	142	741954	46.88	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	310863	38.17	ng	98
40) Hexachlorocyclopentadiene	9.00	237	443313	88.48	ng	98

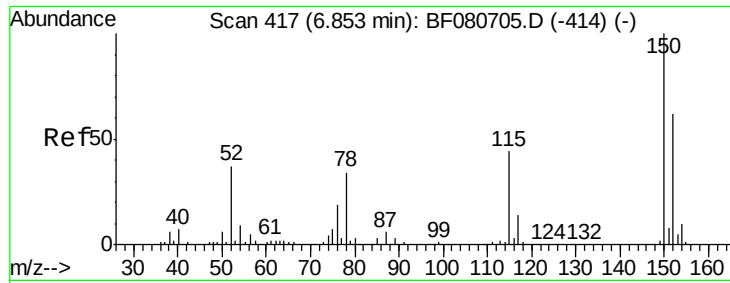
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073115\
 Data File : BF080745.D
 Acq On : 31 Jul 2015 20:54
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	217534	38.40	ng	99
43) 2,4,5-Trichlorophenol	9.16	196	252784	44.98	ng #	88
45) 1,1'-Biphenyl	9.31	154	789928	39.72	ng	95
46) 2-Chloronaphthalene	9.33	162	633523	39.01	ng #	90
47) 2-Nitroaniline	9.42	65	262777	41.58	ng #	71
48) Acenaphthylene	9.76	152	1101507	42.65	ng	99
49) Dimethylphthalate	9.62	163	848959	46.45	ng	99
50) 2,6-Dinitrotoluene	9.68	165	189002	48.73	ng	87
51) Acenaphthene	9.93	154	771475	48.97	ng	98
52) 3-Nitroaniline	9.84	138	86065	19.23	ng #	62
53) 2,4-Dinitrophenol	9.95	184	198726	96.20	ng #	47
54) Dibenzofuran	10.10	168	980517	46.53	ng	96
55) 4-Nitrophenol	10.00	139	231432	70.18	ng #	56
56) 2,4-Dinitrotoluene	10.08	165	241930	47.56	ng	98
57) Fluorene	10.44	166	699663	42.78	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.21	232	193909	45.75	ng	97
59) Diethylphthalate	10.32	149	792391	44.98	ng	100
60) 4-Chlorophenyl-phenylether	10.43	204	351269	49.83	ng	95
61) 4-Nitroaniline	10.45	138	158422	39.21	ng	91
62) Azobenzene	10.59	77	958358	50.22	ng	98
64) 4,6-Dinitro-2-methylphenol	10.48	198	117352	40.63	ng	97
65) n-Nitrosodiphenylamine	10.54	169	634807	40.37	ng	97
66) 4-Bromophenyl-phenylether	10.92	248	235889	47.64	ng	92
67) Hexachlorobenzene	10.98	284	233949	40.87	ng	96
68) Atrazine	11.07	200	214105	Below Cal		99
69) Pentachlorophenol	11.17	266	295495	85.31	ng	98
70) Phenanthrene	11.39	178	979985	40.56	ng	99
71) Anthracene	11.45	178	1139898	48.01	ng	100
72) Carbazole	11.60	167	862689	41.86	ng	99
73) Di-n-butylphthalate	11.94	149	1282618	50.19	ng	98
74) Fluoranthene	12.58	202	1128822	48.32	ng	97
76) Benzidine	12.71	184	447369	39.14	ng	99
77) Pyrene	12.81	202	1095181	44.98	ng	100
79) Butylbenzylphthalate	13.43	149	408780	40.64	ng	95
80) Benzo(a)anthracene	13.99	228	769085	40.73	ng	100
81) 3,3'-Dichlorobenzidine	13.95	252	137564	21.34	ng #	95
82) Chrysene	14.02	228	687810	37.53	ng	100
83) Bis(2-ethylhexyl)phthalate	13.99	149	568072	46.86	ng #	93
84) Di-n-octyl phthalate	14.60	149	909488	44.74	ng	98
85) Indeno(1,2,3-cd)pyrene	16.80	276	684898	41.65	ng #	88
87) Benzo(b)fluoranthene	15.00	252	726250	45.48	ng #	96
88) Benzo(k)fluoranthene	15.00	252	726250	55.27	ng	99
89) Benzo(a)pyrene	15.36	252	604842	46.14	ng #	97
90) Dibenzo(a,h)anthracene	16.81	278	584337	49.80	ng	98
91) Benzo(g,h,i)perylene	17.21	276	579513	50.19	ng	97

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

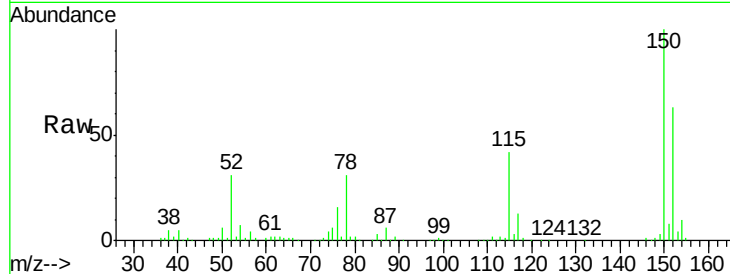


#1

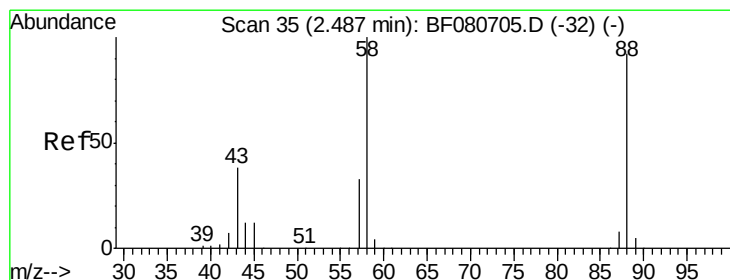
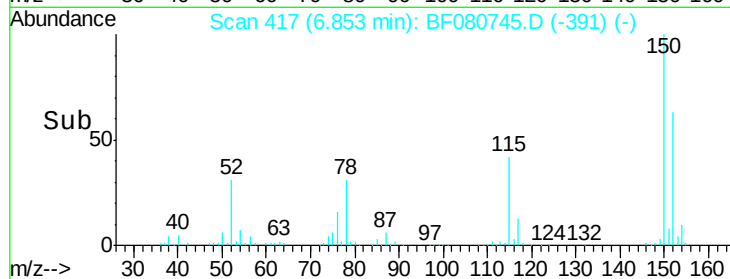
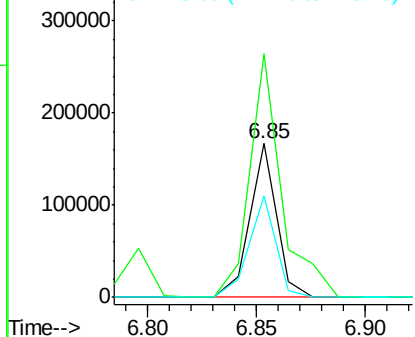
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.00 min
Lab File: BF080745.D
Acq: 31 Jul 2015 20:54

Instrument :
BNA_F
ClientSampleId :
PB84784BS

Tgt Ion: 152 Resp: 142076
Ion Ratio Lower Upper
152 100
150 158.4 129.6 194.4
115 66.1 56.6 85.0



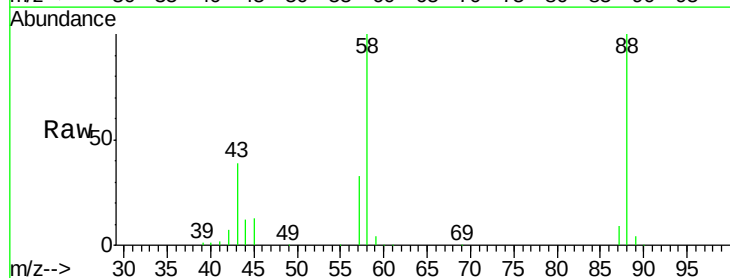
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



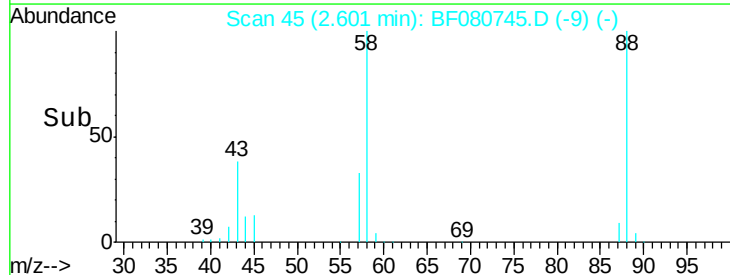
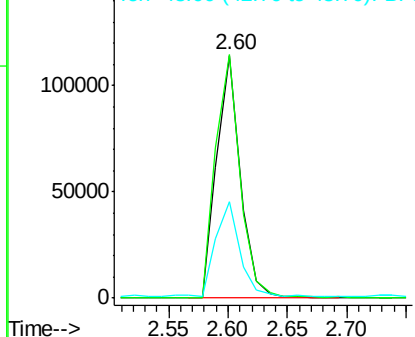
#2

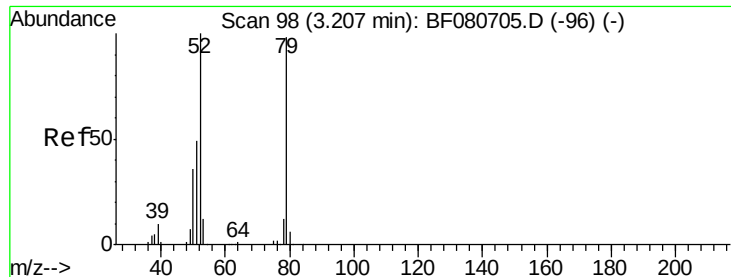
1,4-Dioxane
Concen: 38.47 ng
RT: 2.60 min Scan# 45
Delta R.T. 0.11 min
Lab File: BF080745.D
Acq: 31 Jul 2015 20:54

Tgt Ion: 88 Resp: 157126
Ion Ratio Lower Upper
88 100
58 103.5 82.3 123.5
43 40.3 31.7 47.5



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: 39.99 ng

RT: 3.31 min Scan# 107

Delta R.T. 0.10 min

Lab File: BF080745.D

Acq: 31 Jul 2015 20:54

Instrument :

BNA_F

ClientSampleId :

PB84784BS

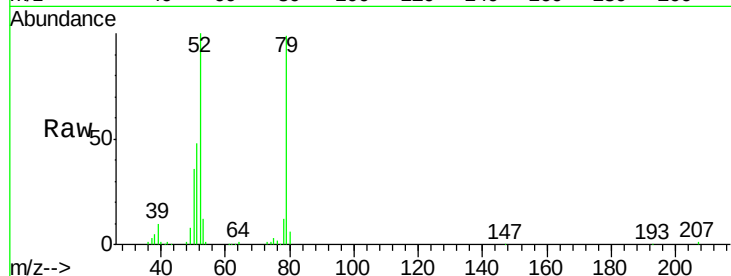
Tgt Ion: 79 Resp: 453195

Ion Ratio Lower Upper

79 100

52 101.2 81.6 122.4

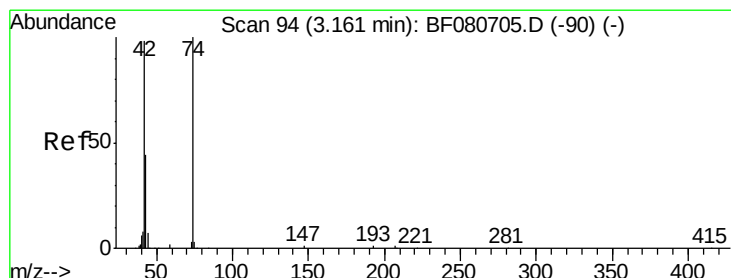
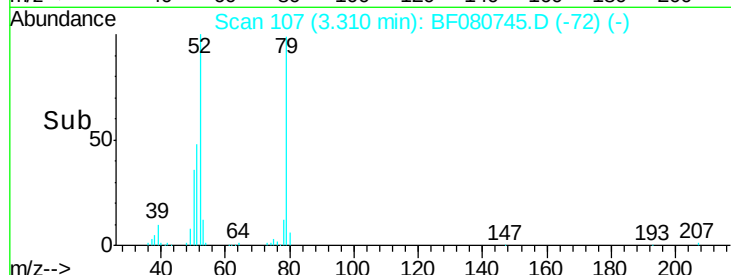
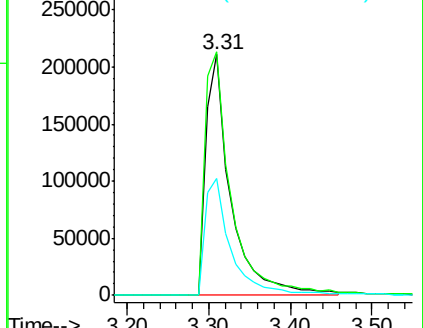
51 48.5 40.2 60.2



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 41.49 ng

RT: 3.26 min Scan# 103

Delta R.T. 0.10 min

Lab File: BF080745.D

Acq: 31 Jul 2015 20:54

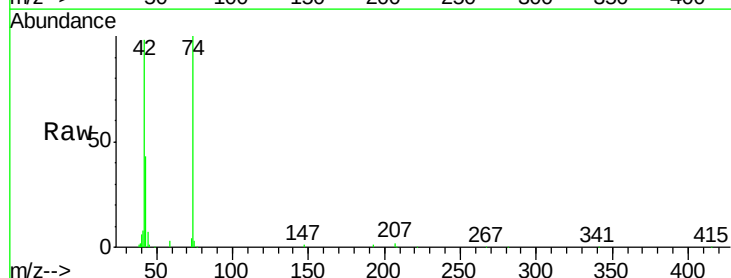
Tgt Ion: 42 Resp: 268762

Ion Ratio Lower Upper

42 100

74 101.7 81.5 122.3

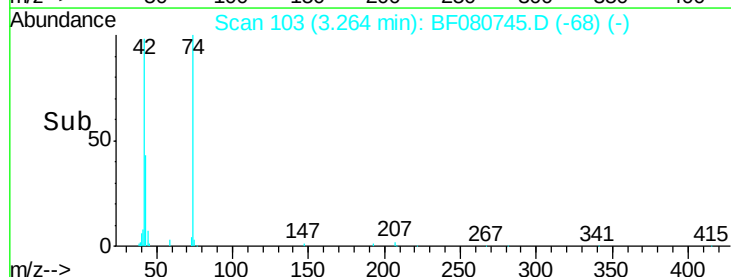
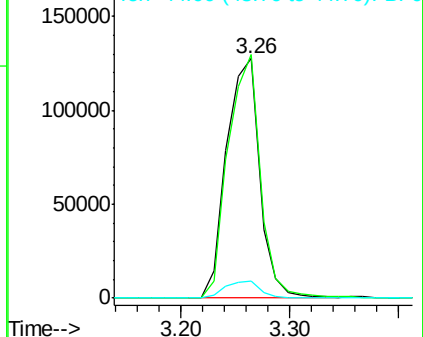
44 7.1 5.6 8.4

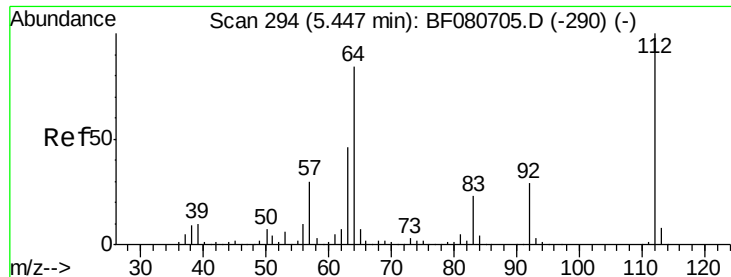


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 130.30 ng

RT: 5.47 min Scan# 296

Delta R.T. 0.02 min

Lab File: BF080745.D

Acq: 31 Jul 2015 20:54

Instrument :

BNA_F

ClientSampleId :

PB84784BS

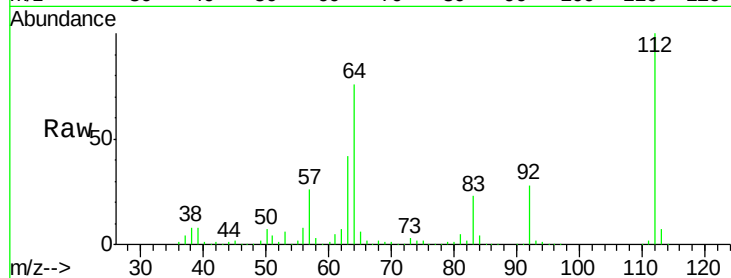
Tgt Ion: 112 Resp: 1079184

Ion Ratio Lower Upper

112 100

64 76.0 66.8 100.2

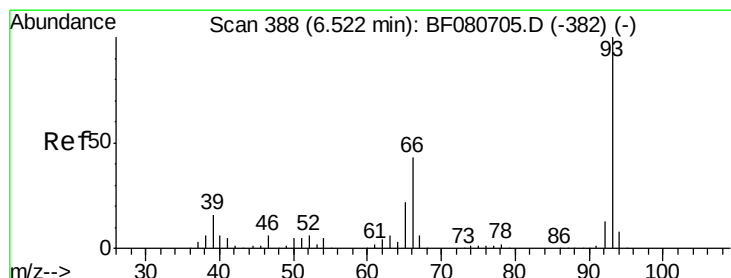
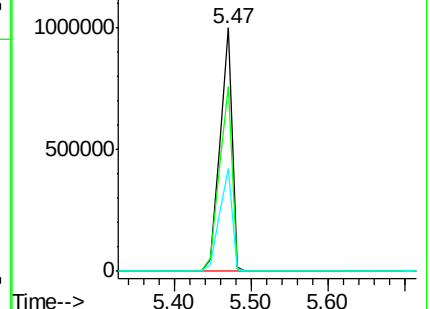
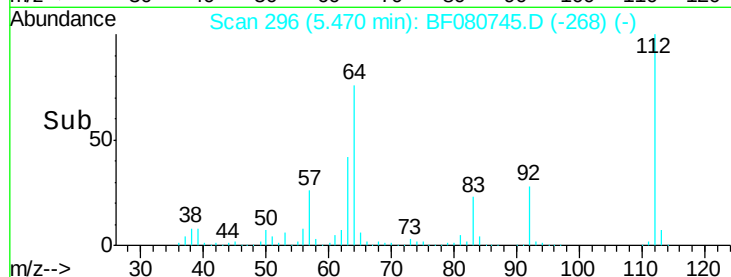
63 42.1 36.7 55.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 21.98 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.00 min

Lab File: BF080745.D

Acq: 31 Jul 2015 20:54

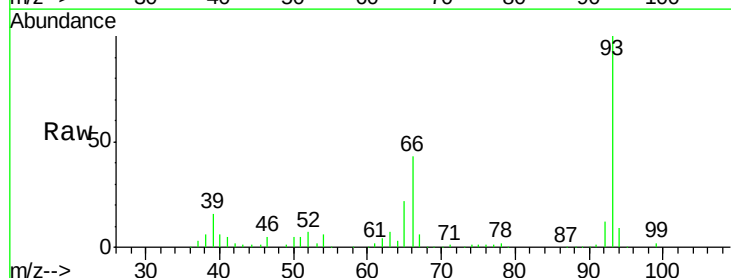
Tgt Ion: 93 Resp: 356750

Ion Ratio Lower Upper

93 100

66 43.4 34.3 51.5

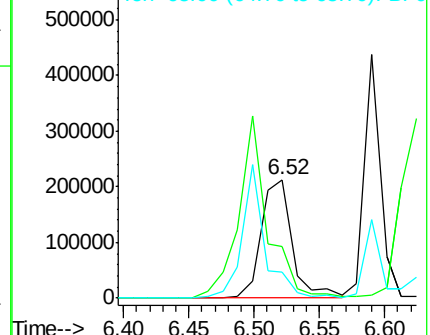
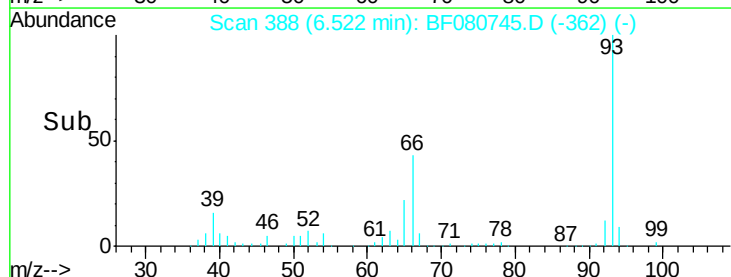
65 21.9 17.6 26.4

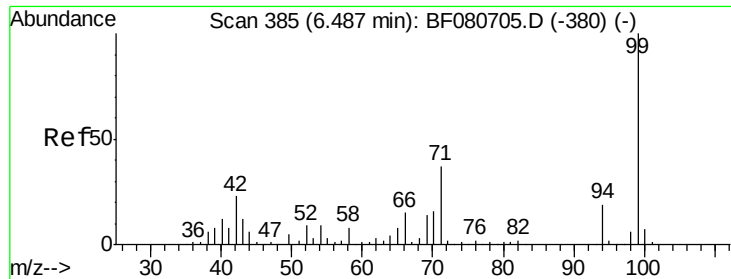


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 124.51 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF080745.D

Acq: 31 Jul 2015 20:54

Instrument :

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ClientSampleId :

PB84784BS

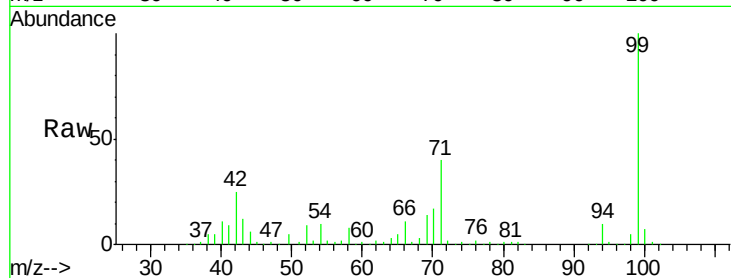
Tgt Ion: 99 Resp: 1403821

Ion Ratio Lower Upper

99 100

42 24.9 18.2 27.2

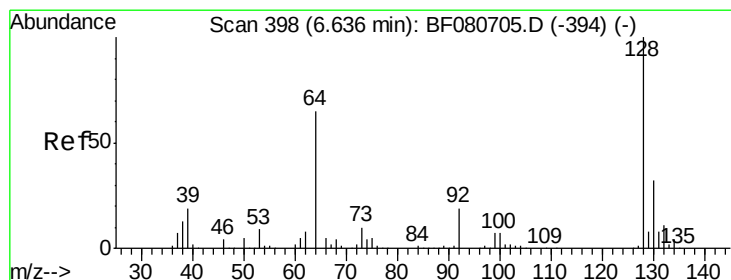
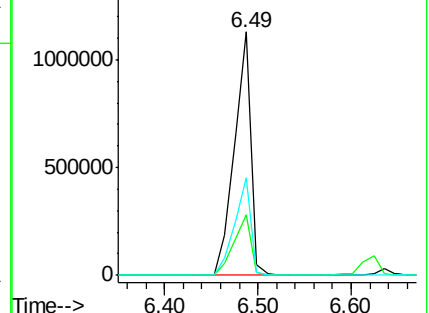
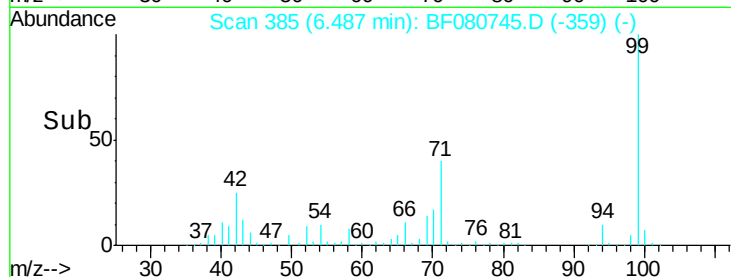
71 39.9 29.5 44.3



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: 40.01 ng

RT: 6.64 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF080745.D

Acq: 31 Jul 2015 20:54

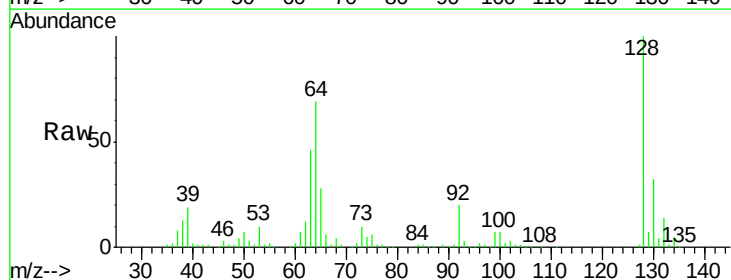
Tgt Ion: 128 Resp: 371398

Ion Ratio Lower Upper

128 100

130 32.3 11.7 51.7

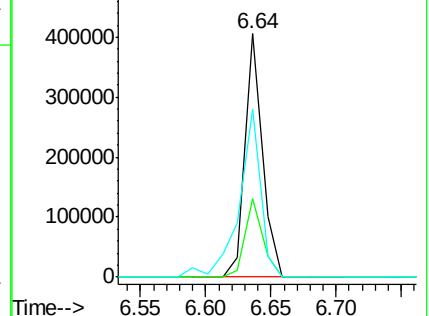
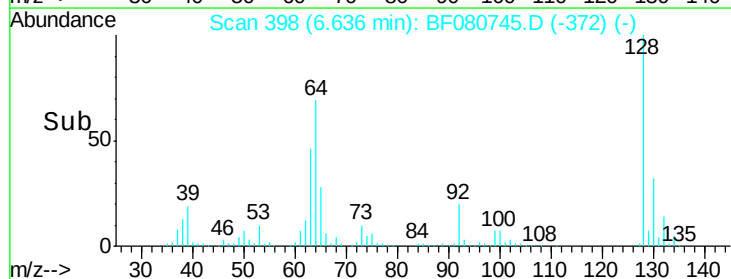
64 68.8 48.7 88.7

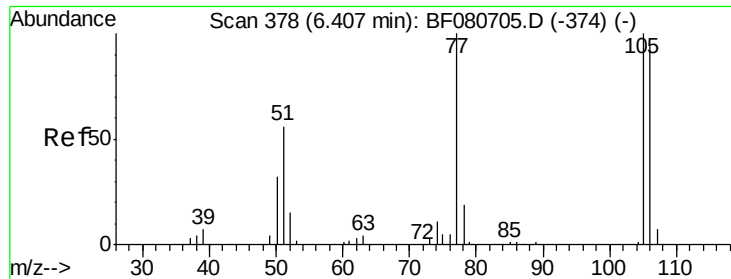


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 10.94 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF080745.D

Acq: 31 Jul 2015 20:54

Instrument :

BNA_F

ClientSampleId :

PB84784BS

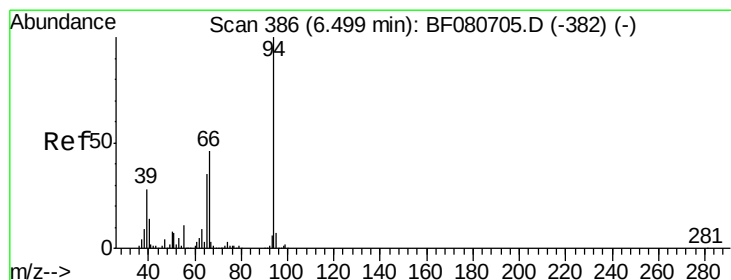
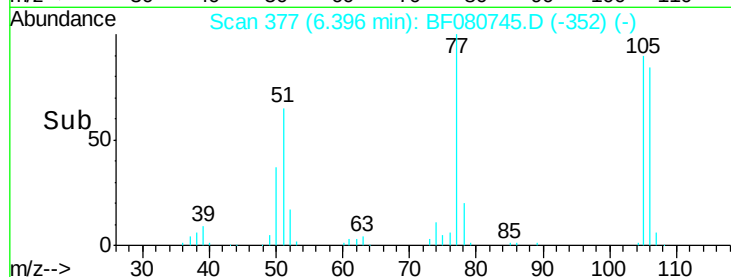
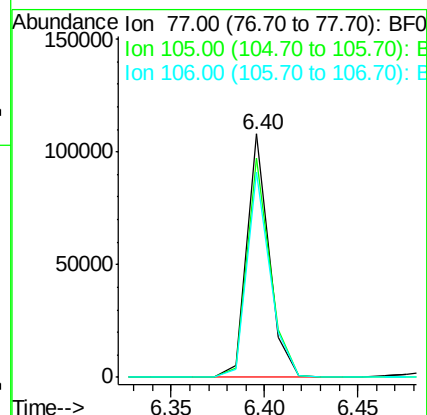
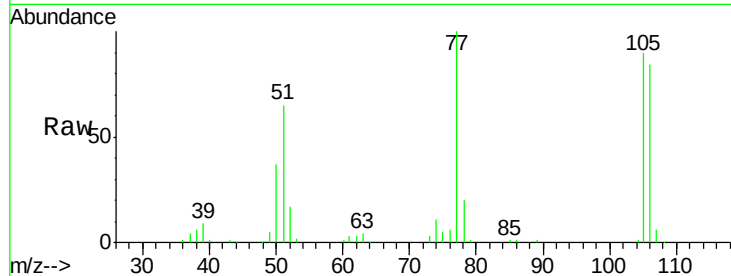
Tgt Ion: 77 Resp: 90200

Ion Ratio Lower Upper

77 100

105 90.1 80.2 120.2

106 84.3 74.2 114.2



#10

Phenol

Concen: 45.30 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.00 min

Lab File: BF080745.D

Acq: 31 Jul 2015 20:54

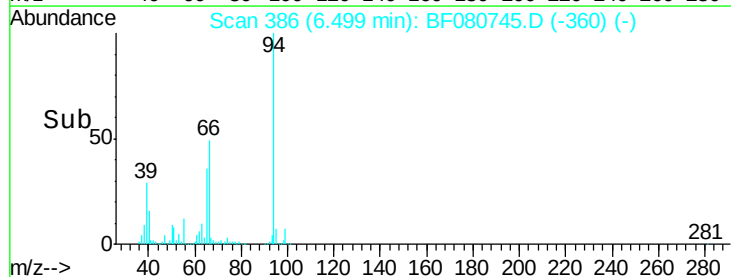
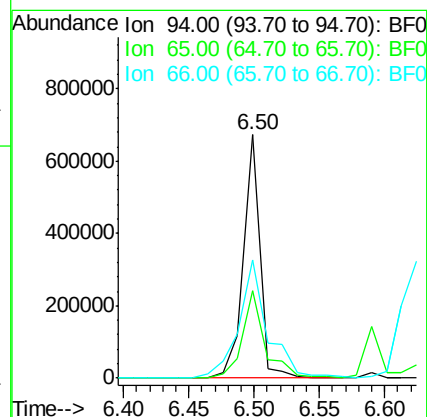
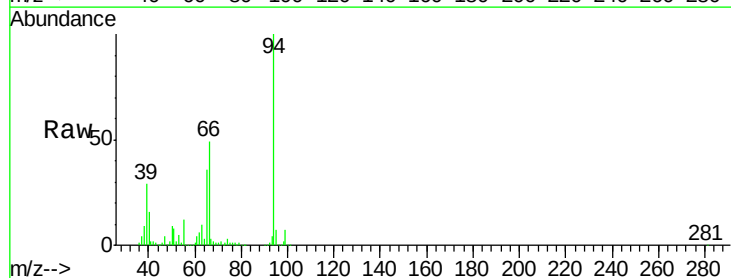
Tgt Ion: 94 Resp: 591127

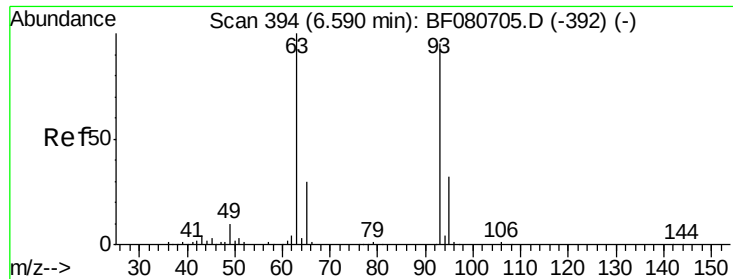
Ion Ratio Lower Upper

94 100

65 35.8 14.7 54.7

66 48.8 25.9 65.9

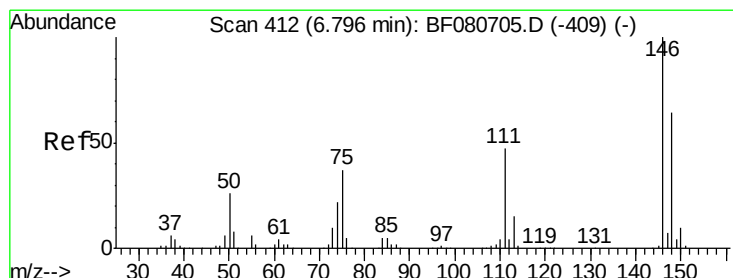
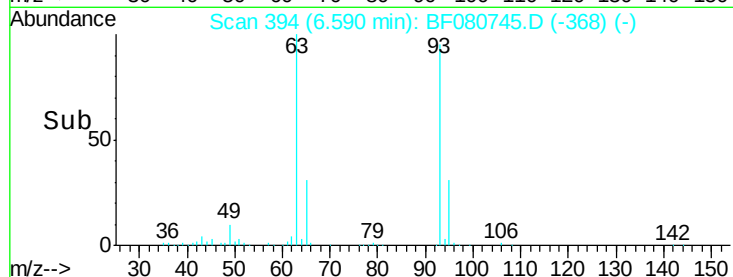
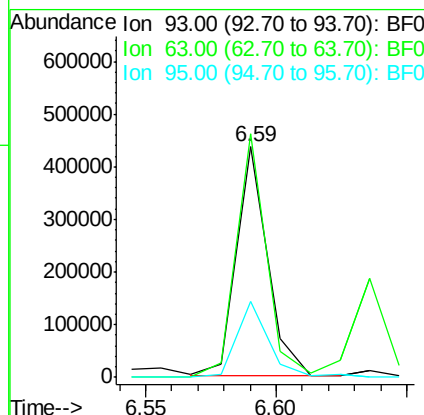
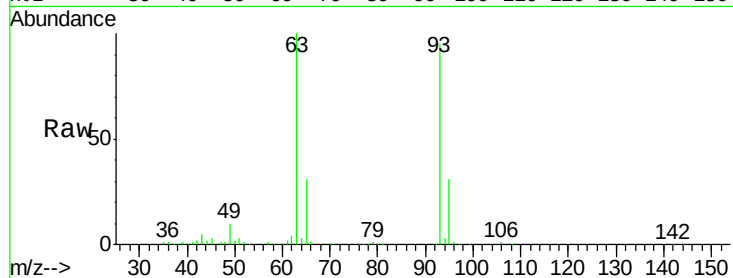




#11
bis(2-Chloroethyl)ether
Concen: 38.76 ng
RT: 6.59 min Scan# 394
Delta R.T. -0.00 min
Lab File: BF080745.D
Acq: 31 Jul 2015 20:54

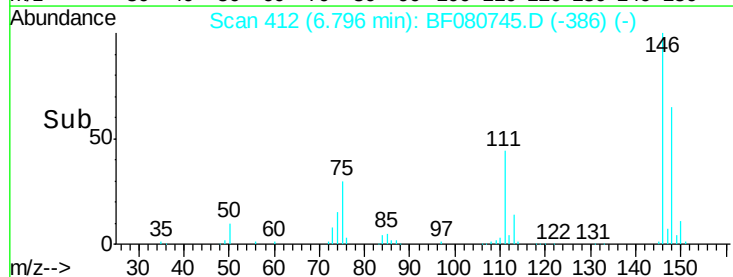
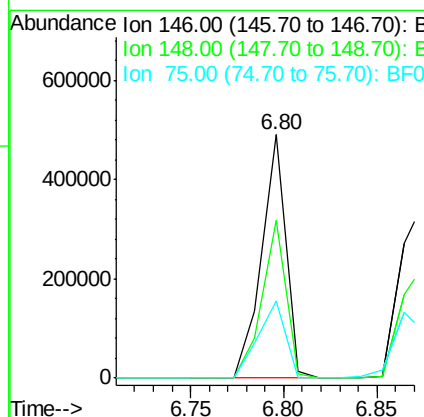
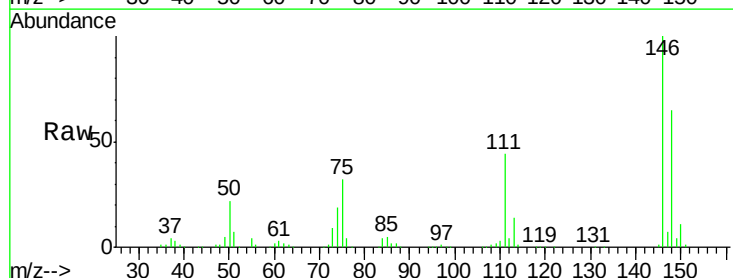
Instrument :
BNA_F
ClientSampleId :
PB84784BS

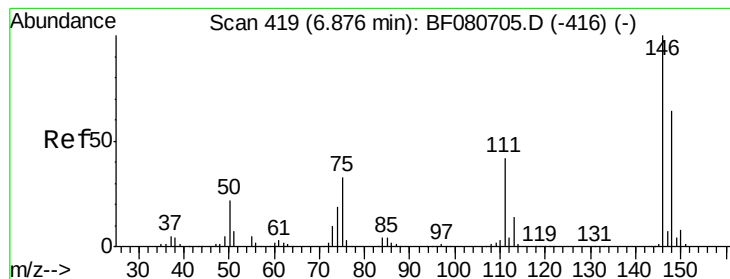
Tgt Ion: 93 Resp: 361287
Ion Ratio Lower Upper
93 100
63 105.7 85.3 125.3
95 33.0 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 42.48 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.00 min
Lab File: BF080745.D
Acq: 31 Jul 2015 20:54

Tgt Ion: 146 Resp: 439036
Ion Ratio Lower Upper
146 100
148 64.8 51.0 76.6
75 31.7 29.4 44.0





#13

1,4-Dichlorobenzene

Concen: 41.27 ng

RT: 6.88 min Scan# 419

Delta R.T. -0.00 min

Lab File: BF080745.D

Acq: 31 Jul 2015 20:54

Instrument :

BNA_F

ClientSampleId :

PB84784BS

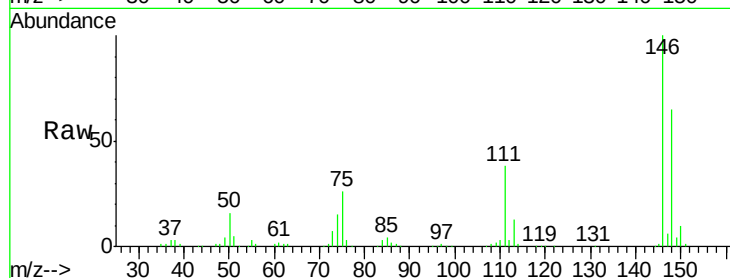
Tgt Ion:146 Resp: 435066

Ion Ratio Lower Upper

146 100

148 64.6 51.4 77.2

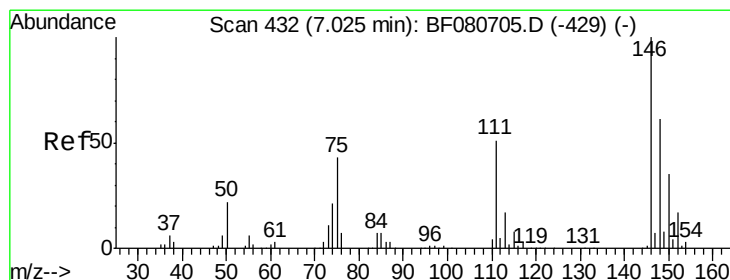
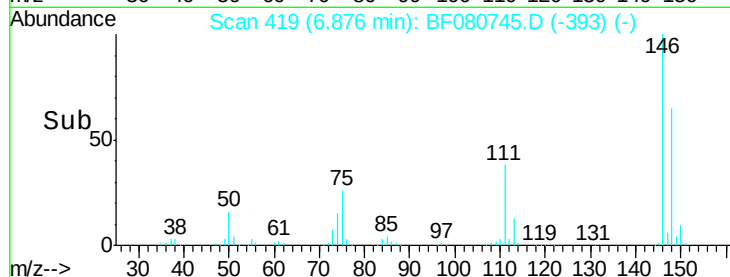
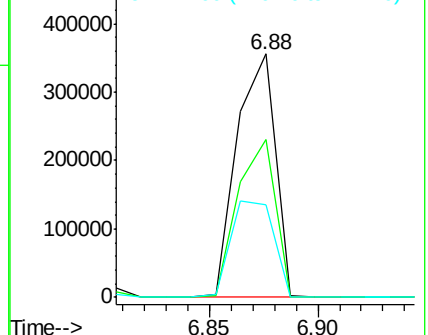
111 38.0 33.8 50.6



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: 44.07 ng

RT: 7.02 min Scan# 432

Delta R.T. -0.00 min

Lab File: BF080745.D

Acq: 31 Jul 2015 20:54

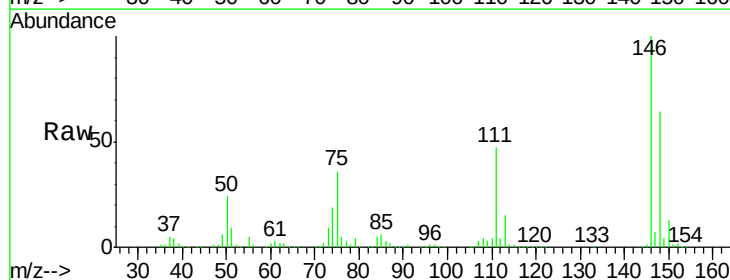
Tgt Ion:146 Resp: 424721

Ion Ratio Lower Upper

146 100

148 63.6 49.2 73.8

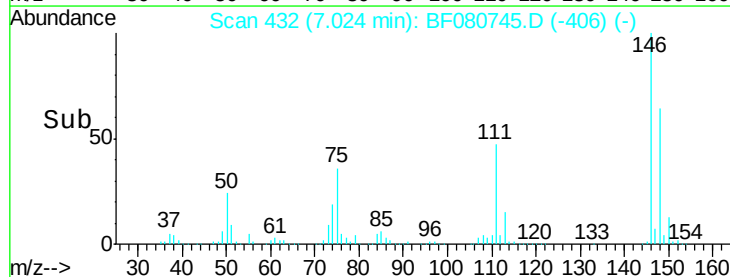
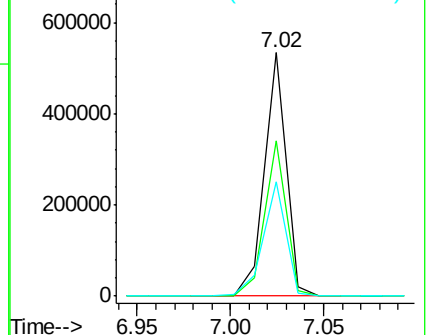
111 46.8 41.0 61.4

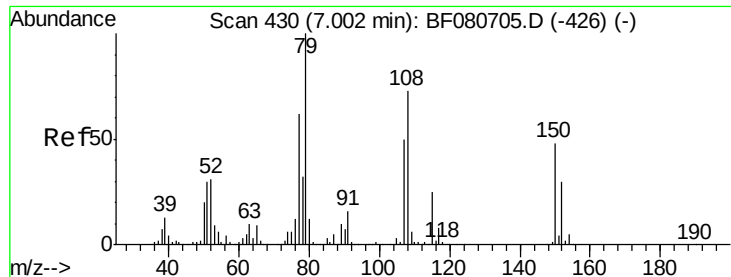


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

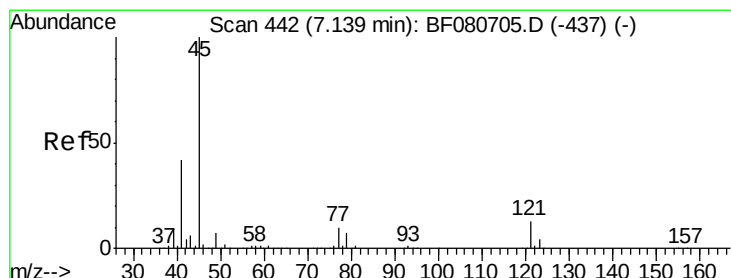
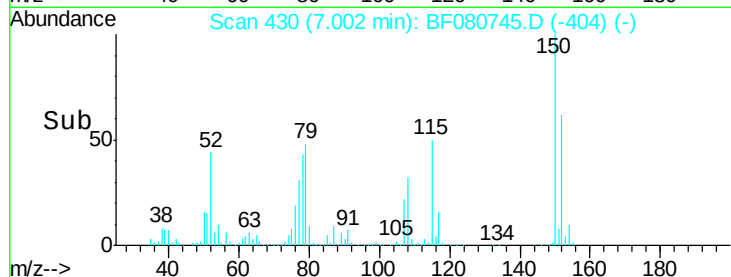
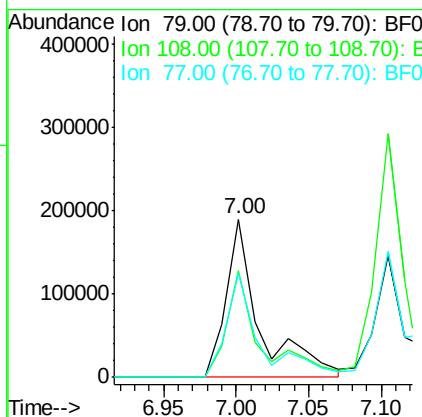
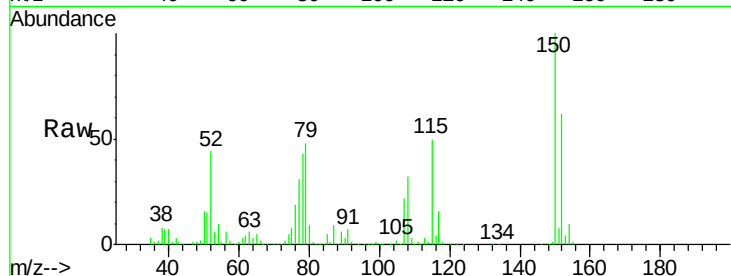




#15
Benzyl Alcohol
Concen: 32.91 ng
RT: 7.00 min Scan# 430
Delta R.T. -0.00 min
Lab File: BF080745.D
Acq: 31 Jul 2015 20:54

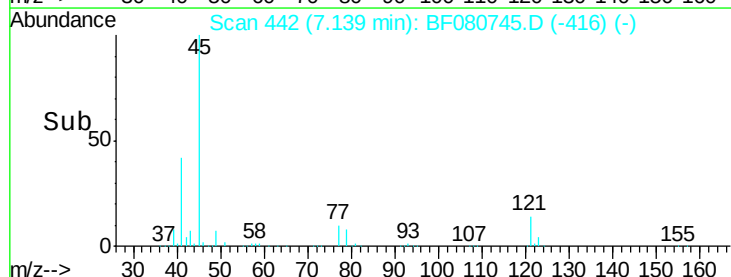
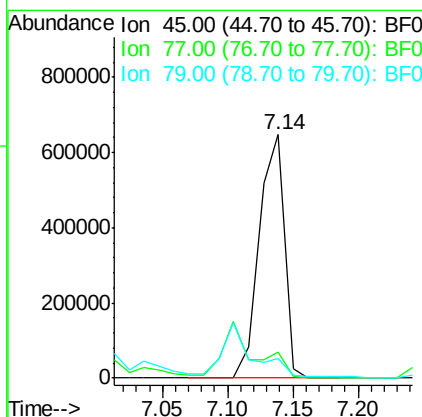
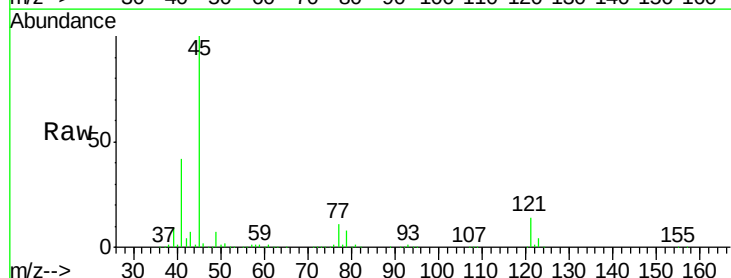
Instrument :
BNA_F
ClientSampleId :
PB84784BS

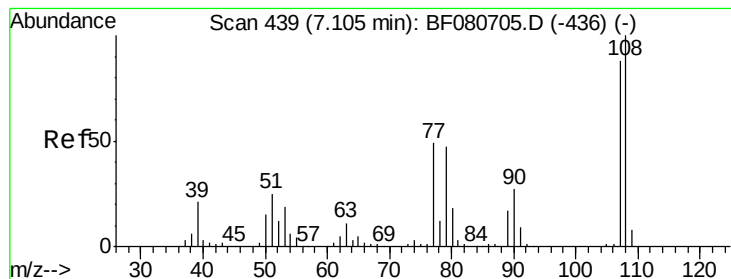
Tgt Ion: 79 Resp: 308210
Ion Ratio Lower Upper
79 100
108 67.1 58.7 88.1
77 65.7 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.99 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.00 min
Lab File: BF080745.D
Acq: 31 Jul 2015 20:54

Tgt Ion: 45 Resp: 876114
Ion Ratio Lower Upper
45 100
77 10.6 0.0 29.9
79 8.3 0.0 27.4

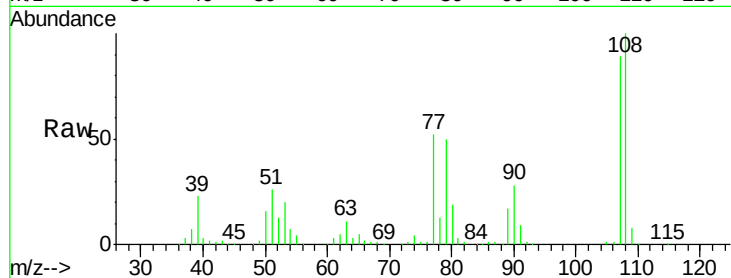




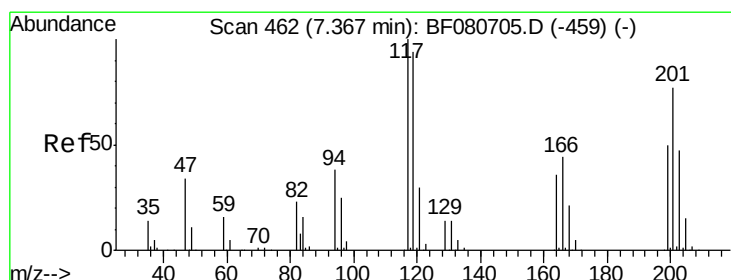
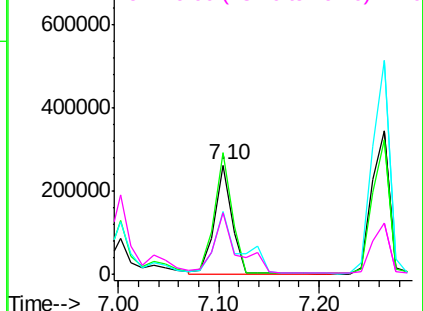
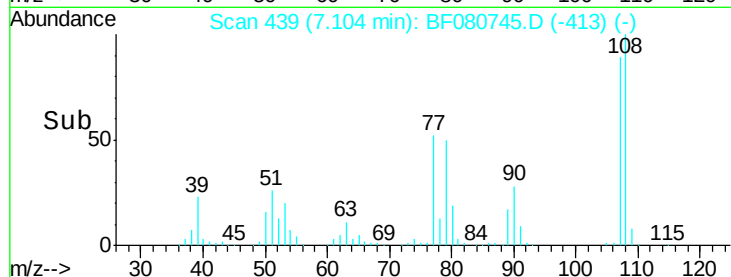
#17
2-Methylphenol
Concen: 41.97 ng
RT: 7.10 min Scan# 439
Delta R.T. -0.00 min
Lab File: BF080745.D
Acq: 31 Jul 2015 20:54

Instrument :
BNA_F
ClientSampleId :
PB84784BS

Tgt Ion:	107	Resp:	319804
Ion	Ratio	Lower	Upper
107	100		
108	112.0	90.8	136.2
77	58.0	44.6	67.0
79	56.0	42.9	64.3

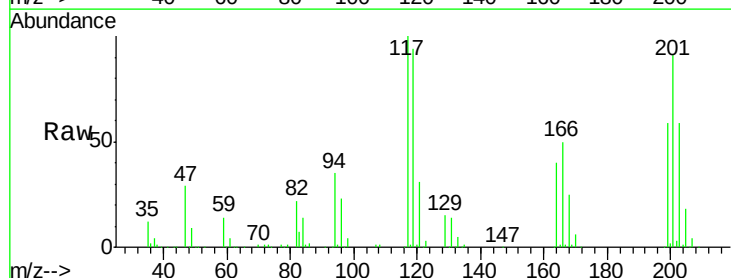


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

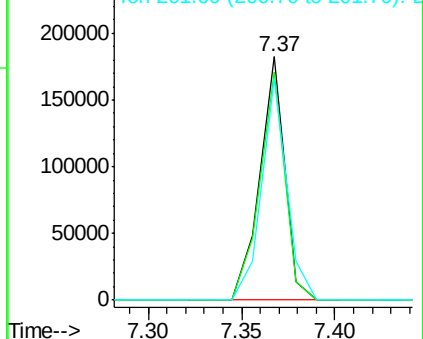
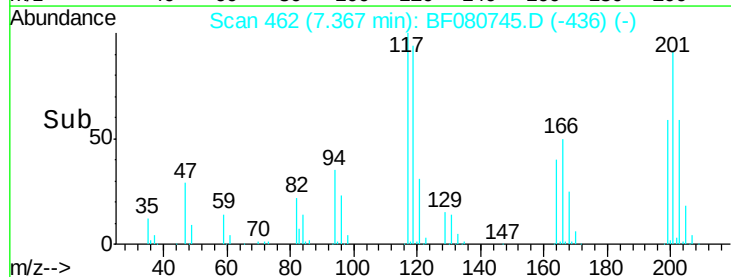


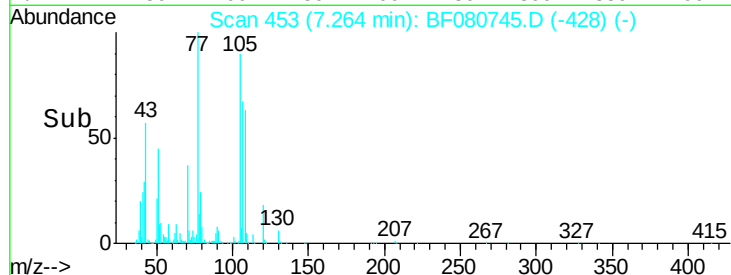
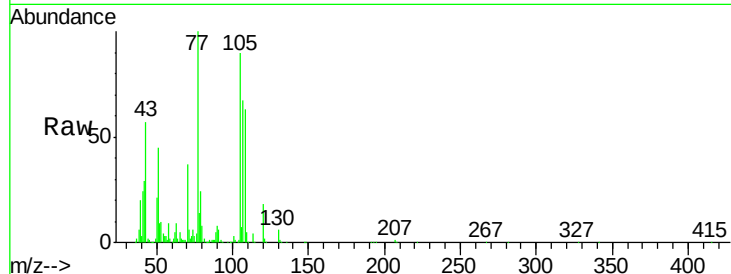
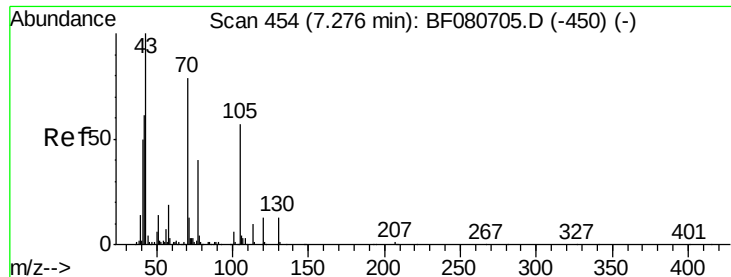
#18
Hexachloroethane
Concen: 42.85 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.00 min
Lab File: BF080745.D
Acq: 31 Jul 2015 20:54

Tgt Ion:	117	Resp:	168625
Ion	Ratio	Lower	Upper
117	100		
119	93.8	74.9	112.3
201	91.1	61.5	92.3



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

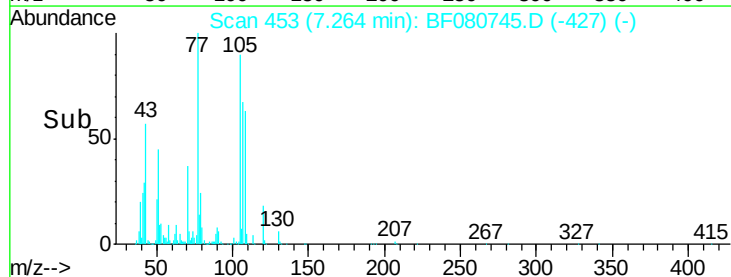
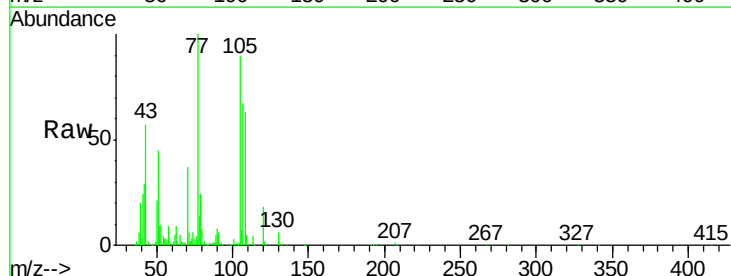
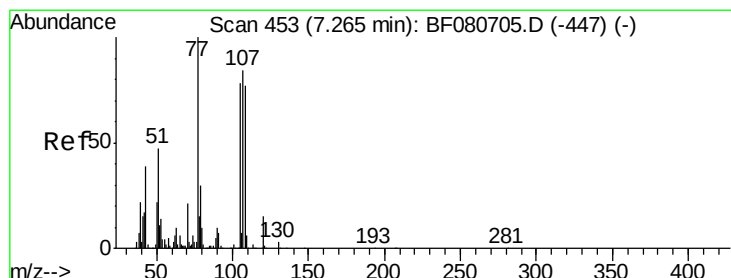
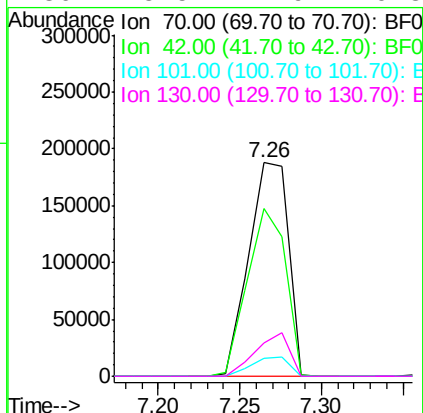




#19
n-Nitroso-di-n-propylamine
Concen: 41.73 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF080745.D
Acq: 31 Jul 2015 20:54

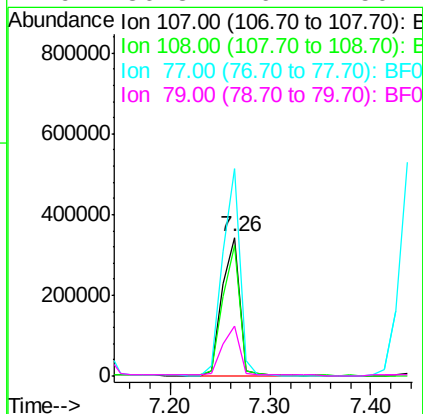
Instrument :
BNA_F
ClientSampleId :
PB84784BS

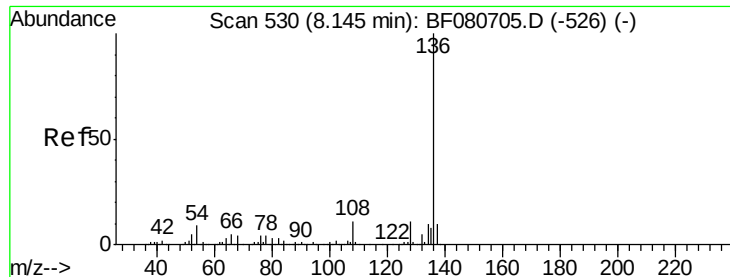
Tgt Ion:	70	Resp:	316860
Ion	Ratio	Lower	Upper
70	100		
42	78.8	61.8	92.6
101	8.6	6.1	9.1
130	15.5	12.9	19.3



#20
3+4-Methylphenols
Concen: 44.04 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.00 min
Lab File: BF080745.D
Acq: 31 Jul 2015 20:54

Tgt Ion:	107	Resp:	414013
Ion	Ratio	Lower	Upper
107	100		
108	94.1	71.8	111.8
77	149.6	99.8	139.8#
79	36.3	16.2	56.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF080745.D

Acq: 31 Jul 2015 20:54

Instrument :

BNA_F

ClientSampleId :

PB84784BS

Tgt Ion:136 Resp: 505086

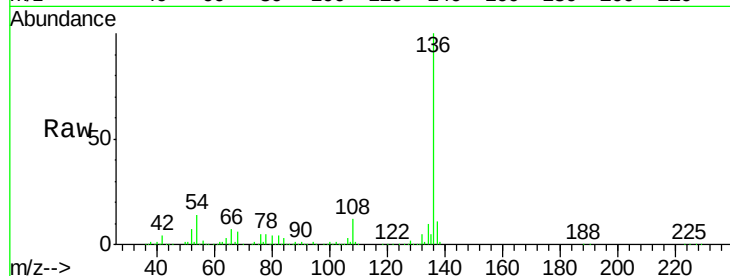
Ion Ratio Lower Upper

136 100

137 11.2 8.4 12.6

54 13.6 6.9 10.3#

68 5.8 3.5 5.3#

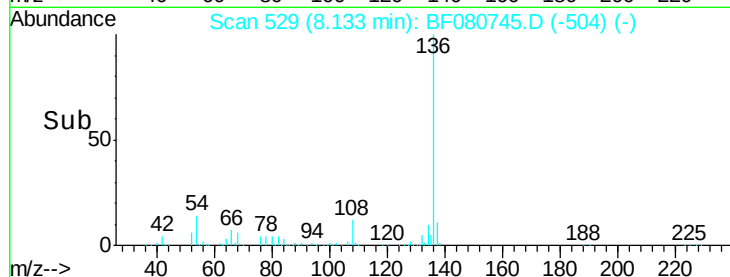


Abundance Ion 136.00 (135.70 to 136.70): E

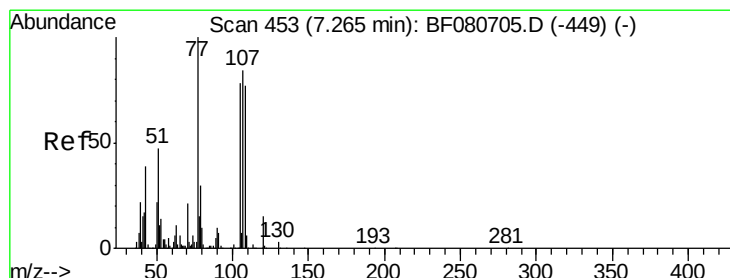
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time--> 8.05 8.10 8.15 8.20



#22

Acetophenone

Concen: 44.11 ng

RT: 7.26 min Scan# 453

Delta R.T. -0.00 min

Lab File: BF080745.D

Acq: 31 Jul 2015 20:54

Tgt Ion:105 Resp: 537737

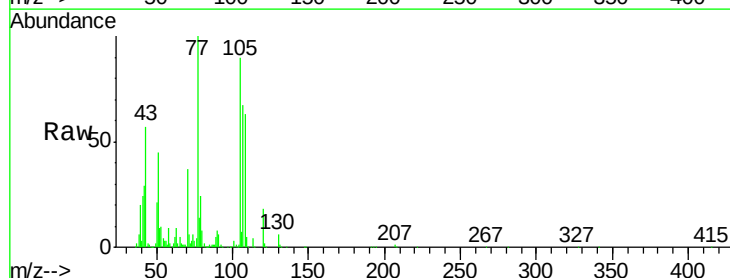
Ion Ratio Lower Upper

105 100

71 6.5 3.4 5.0#

51 49.7 47.9 71.9

120 19.8 15.0 22.6

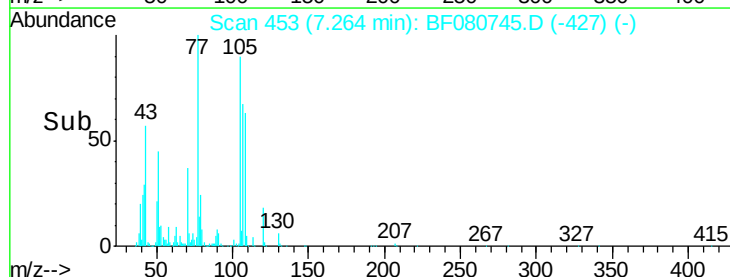


Abundance Ion 105.00 (104.70 to 105.70): E

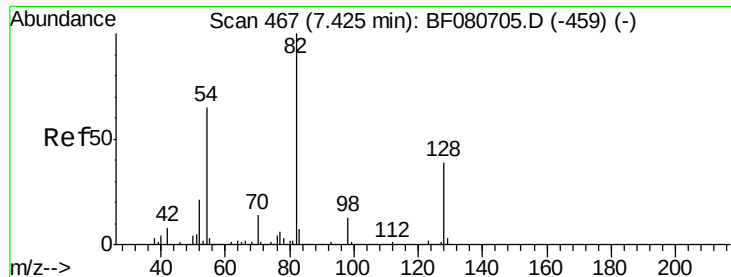
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



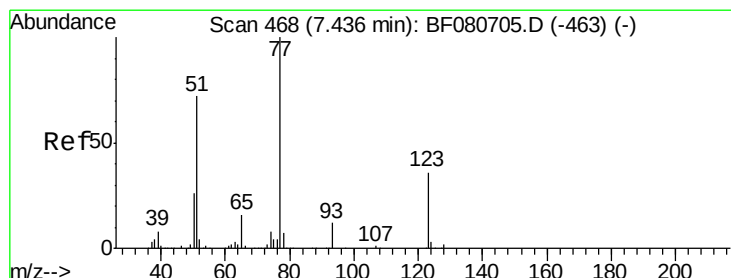
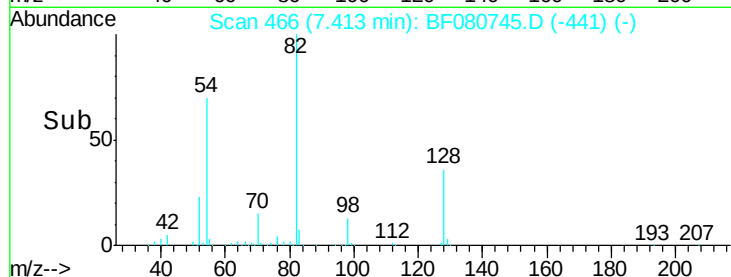
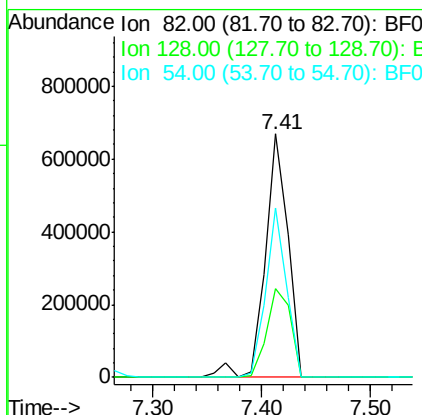
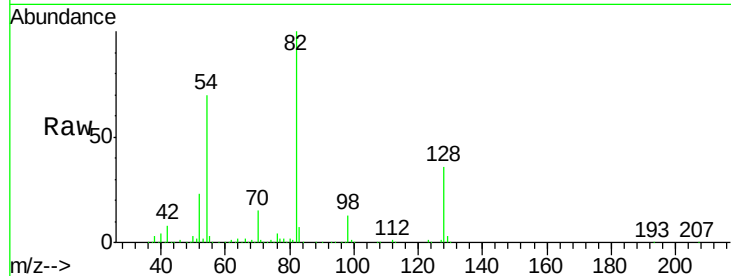
Time--> 7.15 7.20 7.25 7.30 7.35



#23
 Nitrobenzene-d5
 Concen: 92.96 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.01 min
 Lab File: BF080745.D
 Acq: 31 Jul 2015 20:54

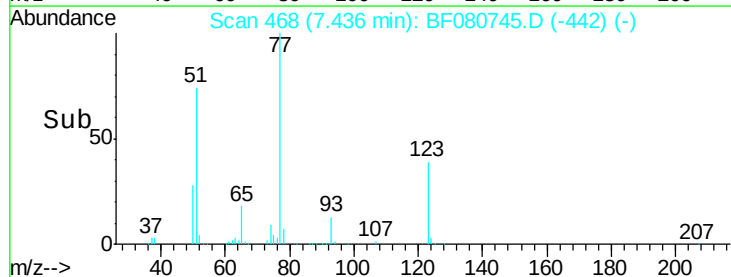
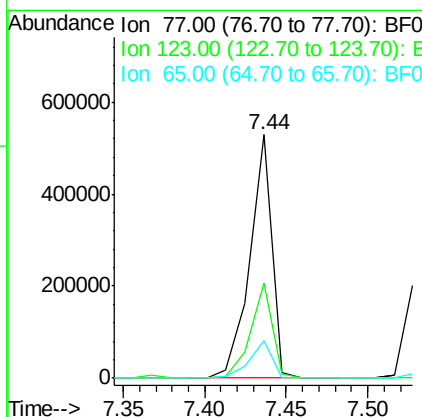
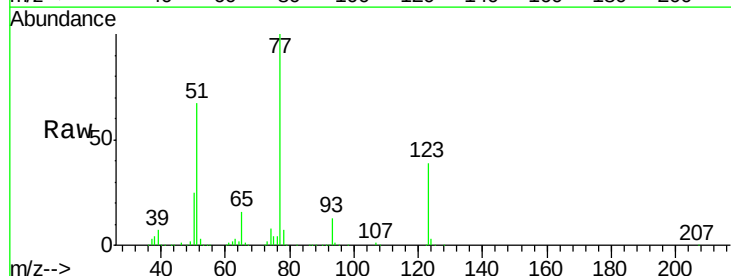
Instrument :
 BNA_F
 ClientSampleId :
 PB84784BS

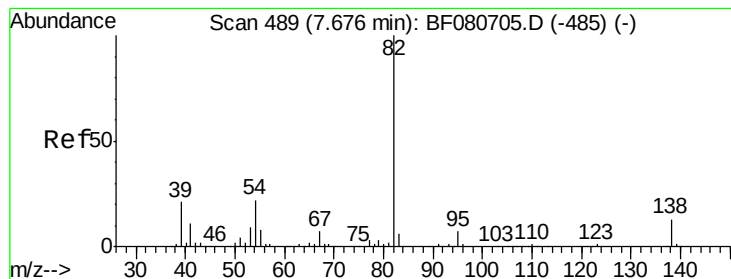
Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.3	31.5	47.3
54	69.6	51.8	77.8



#24
 Nitrobenzene
 Concen: 47.16 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.00 min
 Lab File: BF080745.D
 Acq: 31 Jul 2015 20:54

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.0	28.9	43.3
65	15.5	13.0	19.4





#25

Isophorone

Concen: 44.17 ng

RT: 7.68 min Scan# 489

Delta R.T. -0.00 min

Lab File: BF080745.D

Acq: 31 Jul 2015 20:54

Instrument :

BNA_F

ClientSampleId :

PB84784BS

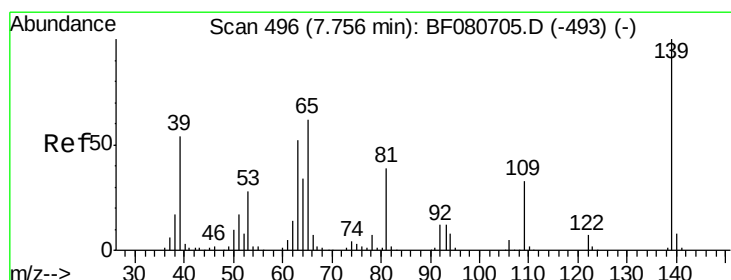
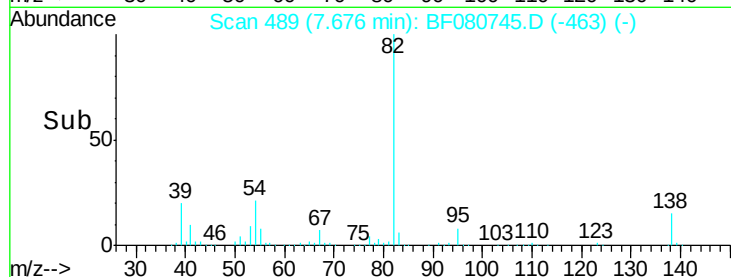
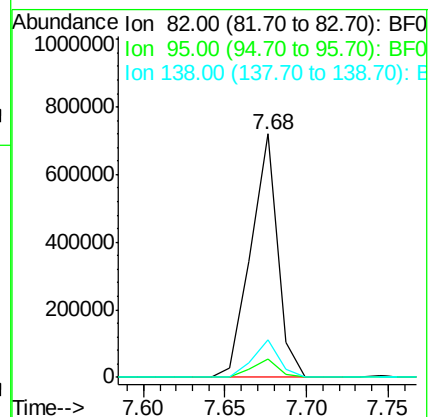
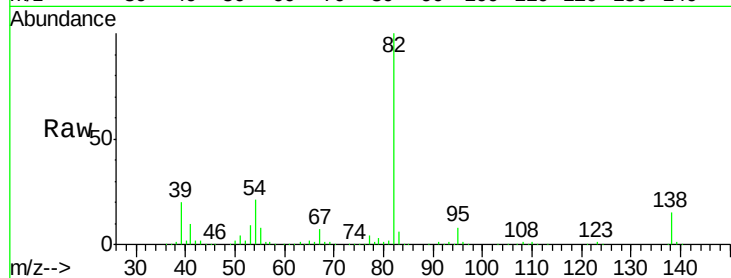
Tgt Ion: 82 Resp: 819365

Ion Ratio Lower Upper

82 100

95 7.7 5.8 8.6

138 15.2 10.7 16.1



#26

2-Nitrophenol

Concen: 46.59 ng

RT: 7.76 min Scan# 496

Delta R.T. -0.00 min

Lab File: BF080745.D

Acq: 31 Jul 2015 20:54

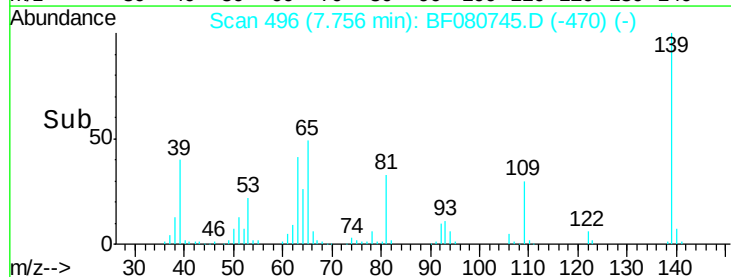
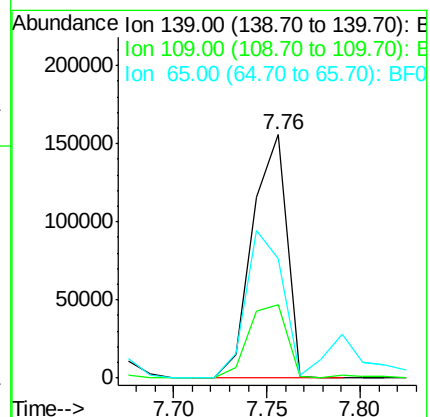
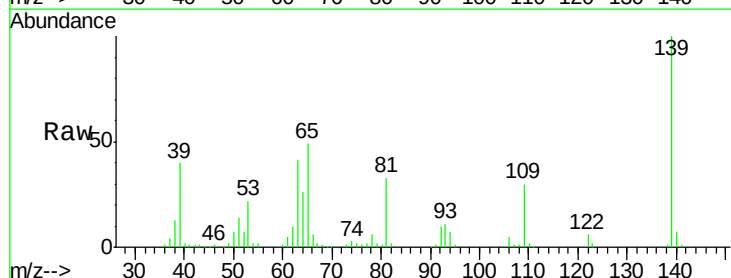
Tgt Ion: 139 Resp: 197630

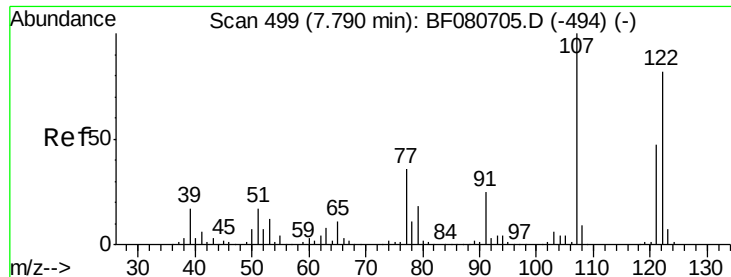
Ion Ratio Lower Upper

139 100

109 30.3 26.5 39.7

65 48.9 49.8 74.8#

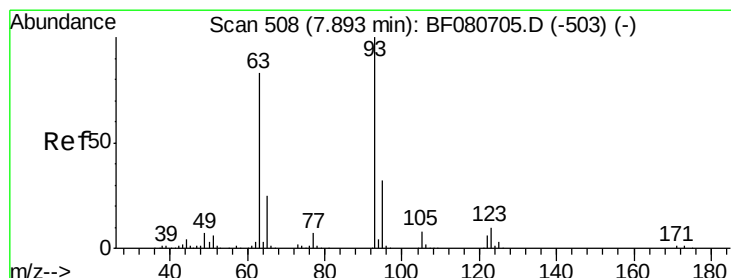
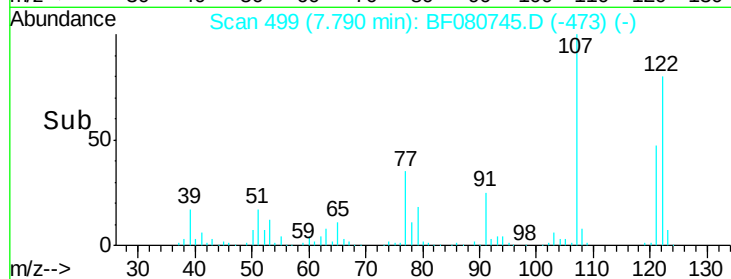
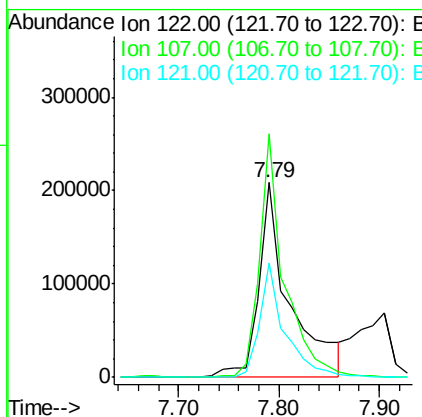
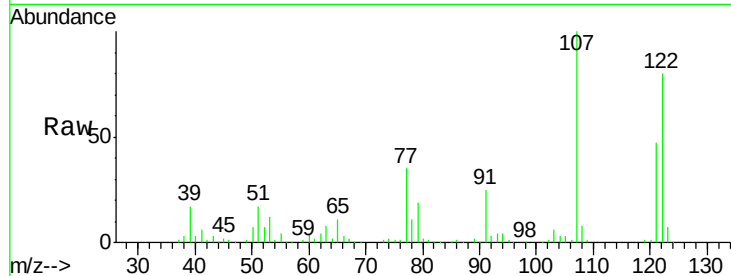




#27
 2,4-Dimethylphenol
 Concen: 56.29 ng
 RT: 7.79 min Scan# 499
 Delta R.T. -0.00 min
 Lab File: BF080745.D
 Acq: 31 Jul 2015 20:54

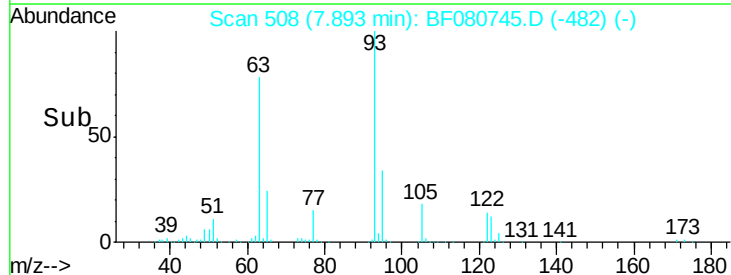
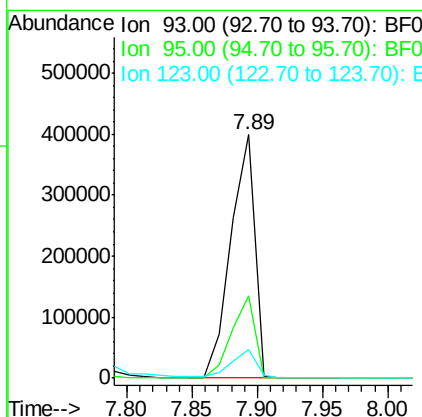
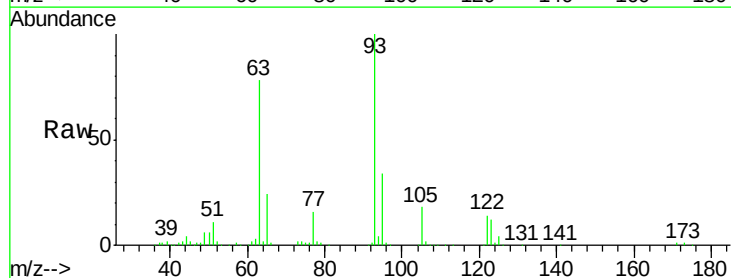
Instrument :
 BNA_F
 ClientSampleId :
 PB84784BS

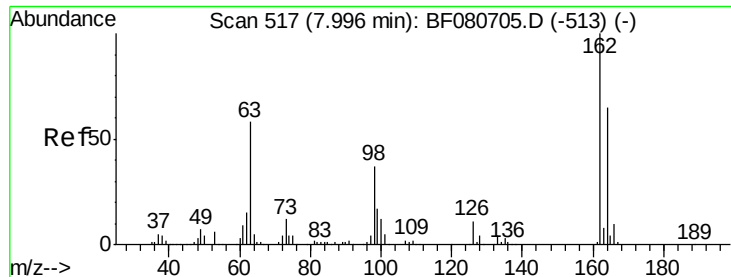
Tgt Ion:122 Resp: 448545
 Ion Ratio Lower Upper
 122 100
 107 125.0 98.1 147.1
 121 58.6 45.8 68.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 46.09 ng
 RT: 7.89 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: BF080745.D
 Acq: 31 Jul 2015 20:54

Tgt Ion: 93 Resp: 506484
 Ion Ratio Lower Upper
 93 100
 95 33.7 26.0 39.0
 123 11.8 8.2 12.4

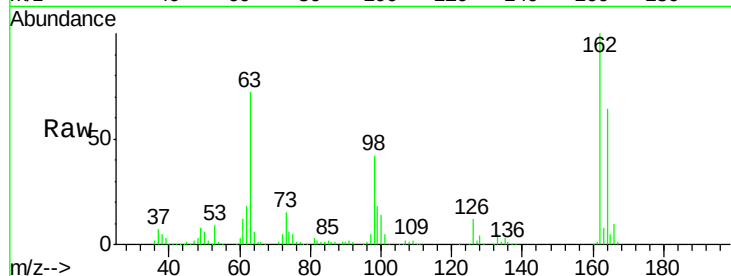




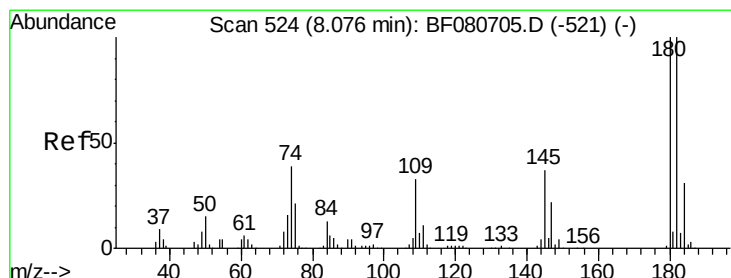
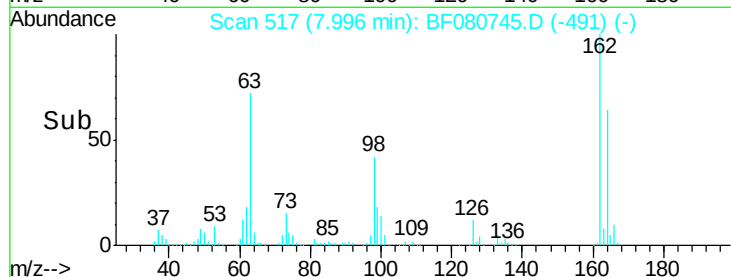
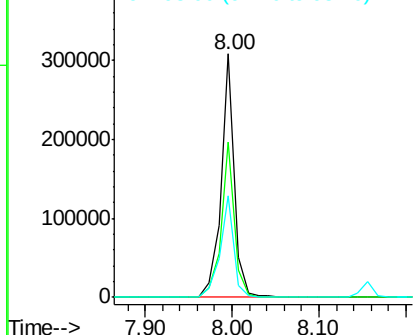
#29
 2,4-Dichlorophenol
 Concen: 46.54 ng
 RT: 8.00 min Scan# 517
 Delta R.T. -0.00 min
 Lab File: BF080745.D
 Acq: 31 Jul 2015 20:54

Instrument :
 BNA_F
 ClientSampleId :
 PB84784BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.0	45.1	85.1
98	41.8	17.0	57.0

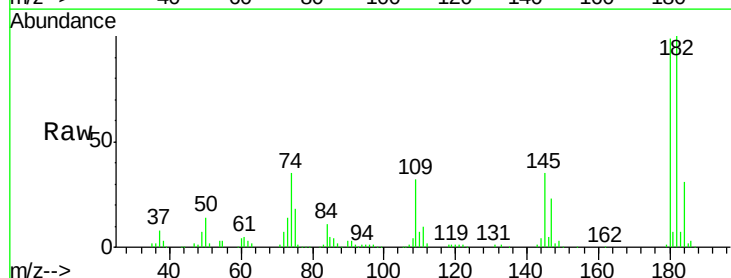


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

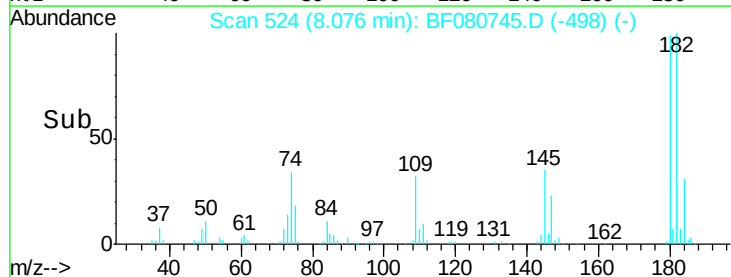
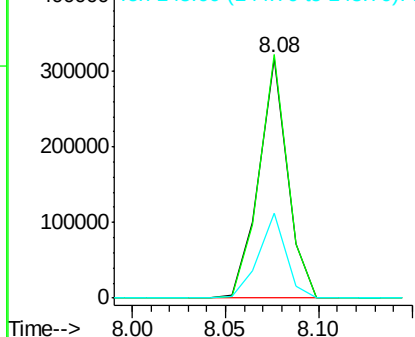


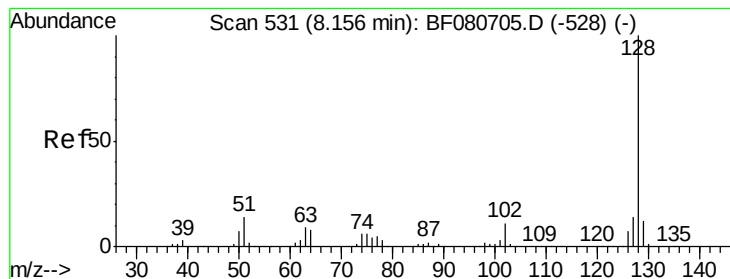
#30
 1,2,4-Trichlorobenzene
 Concen: 43.77 ng
 RT: 8.08 min Scan# 524
 Delta R.T. -0.00 min
 Lab File: BF080745.D
 Acq: 31 Jul 2015 20:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	101.4	79.8	119.8
145	35.4	29.8	44.6



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





#31

Naphthalene

Concen: 42.45 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.00 min

Lab File: BF080745.D

Acq: 31 Jul 2015 20:54

Instrument :

BNA_F

ClientSampleId :

PB84784BS

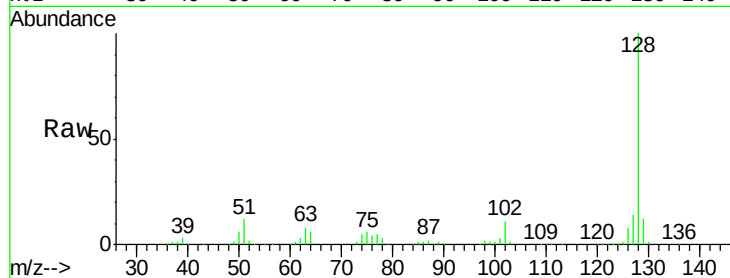
Tgt Ion:128 Resp: 1070128

Ion Ratio Lower Upper

128 100

129 11.5 9.5 14.3

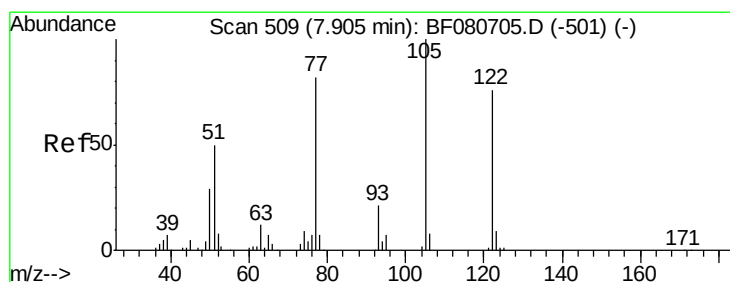
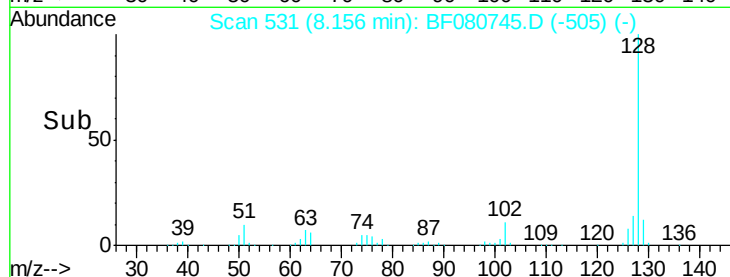
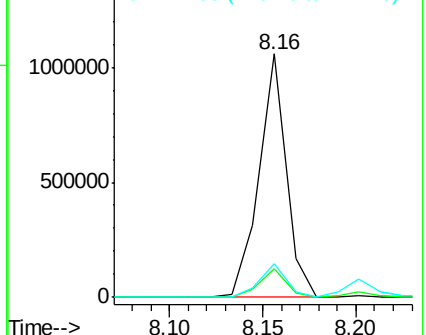
127 13.8 11.0 16.6



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: 30.06 ng

RT: 7.90 min Scan# 509

Delta R.T. 0.00 min

Lab File: BF080745.D

Acq: 31 Jul 2015 20:54

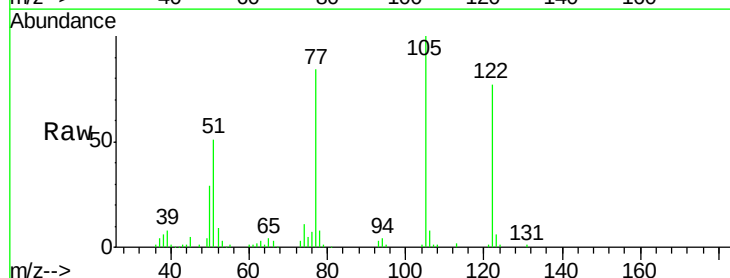
Tgt Ion:122 Resp: 167324

Ion Ratio Lower Upper

122 100

105 129.3 111.3 151.3

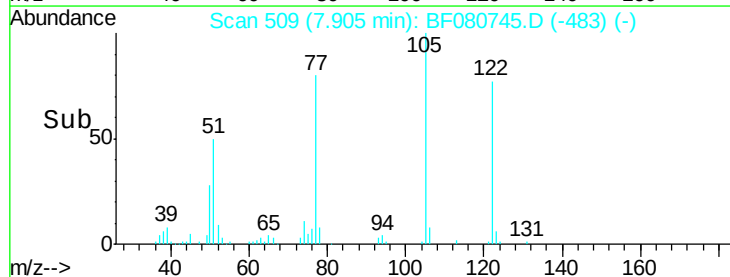
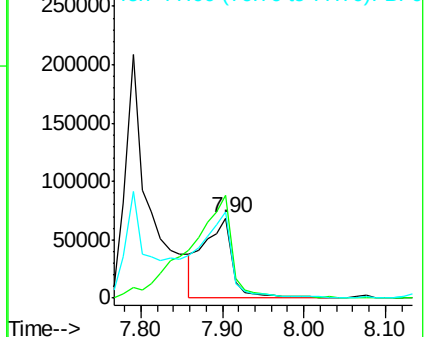
77 108.0 88.1 128.1

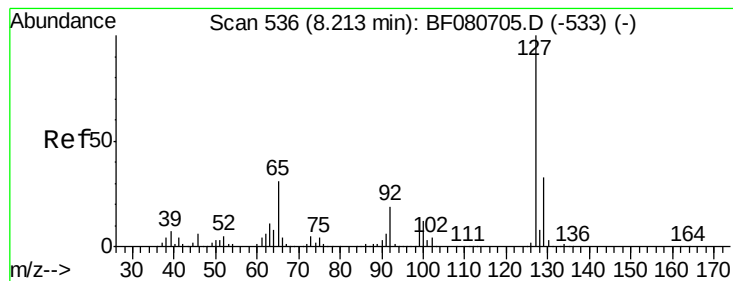


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 9.63 ng

RT: 8.20 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF080745.D

Acq: 31 Jul 2015 20:54

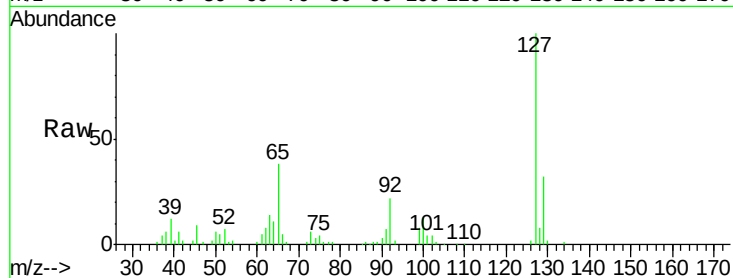
Instrument :

BNA_F

ClientSampleId :

PB84784BS

Tgt Ion:	127	Resp:	102473
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.7	40.1
65	38.4	24.5	36.7#
92	21.8	15.2	22.8

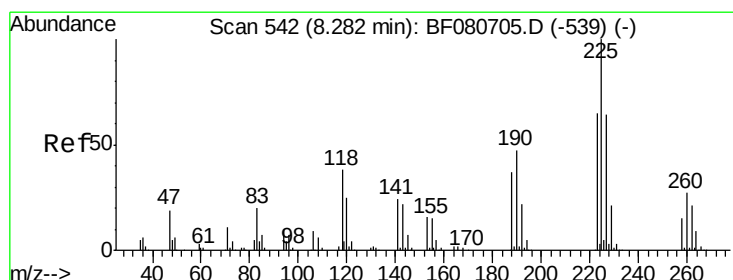
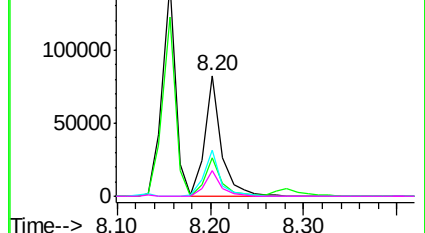
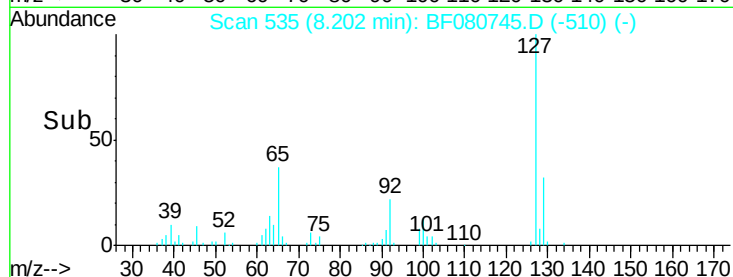


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 46.14 ng

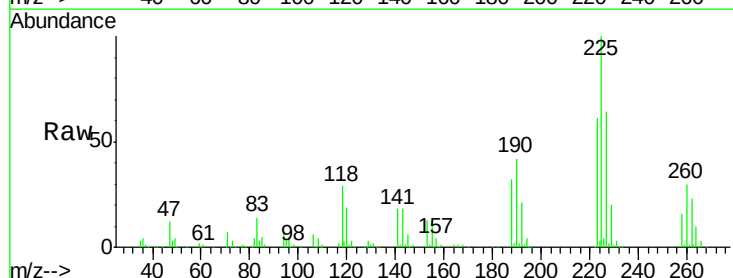
RT: 8.28 min Scan# 542

Delta R.T. -0.00 min

Lab File: BF080745.D

Acq: 31 Jul 2015 20:54

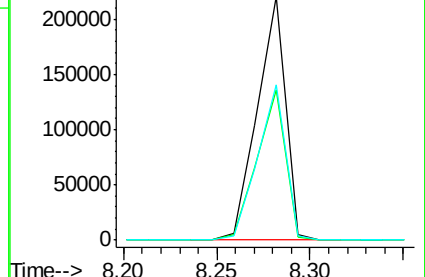
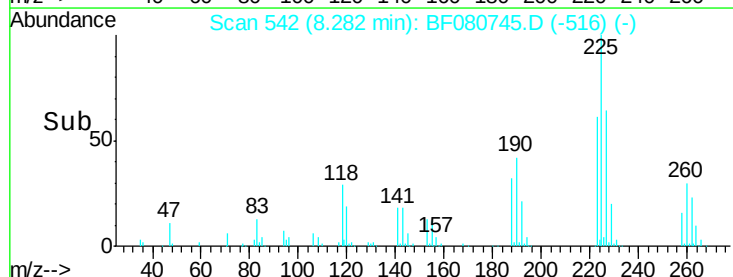
Tgt Ion:	225	Resp:	230078
Ion	Ratio	Lower	Upper
225	100		
223	61.4	51.7	77.5
227	63.7	51.0	76.4

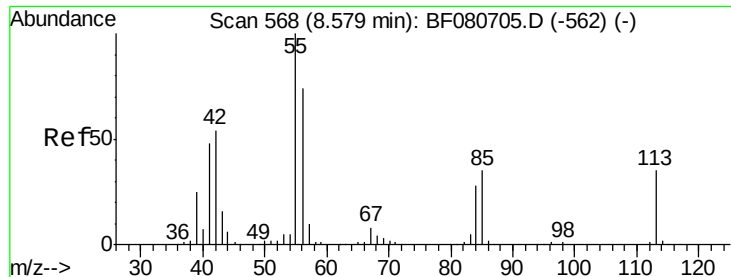


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

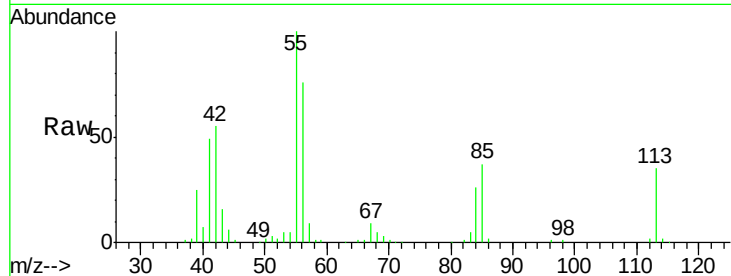




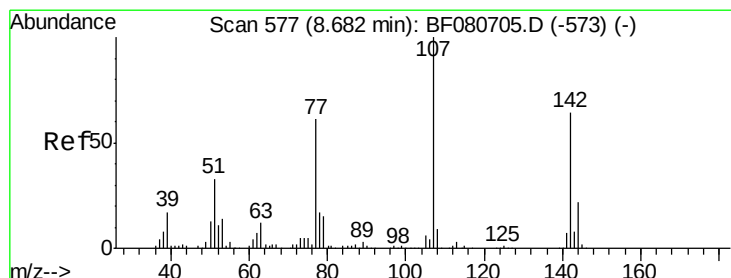
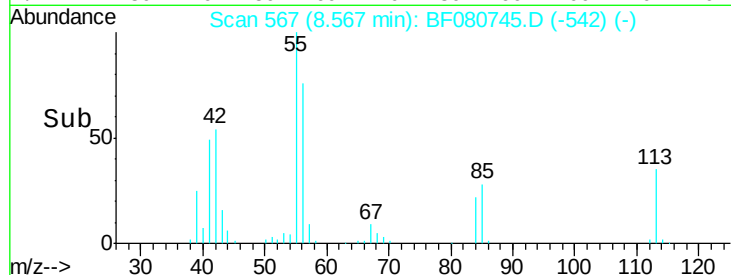
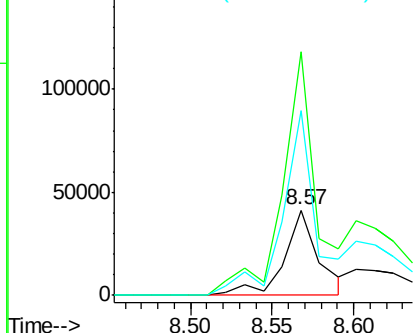
#35
 Caprolactam
 Concen: 28.85 ng
 RT: 8.57 min Scan# 567
 Delta R.T. -0.01 min
 Lab File: BF080745.D
 Acq: 31 Jul 2015 20:54

Instrument :
 BNA_F
 ClientSampleId :
 PB84784BS

Tgt Ion:113 Resp: 61200
 Ion Ratio Lower Upper
 113 100
 55 285.8 269.3 309.3
 56 216.5 193.3 233.3

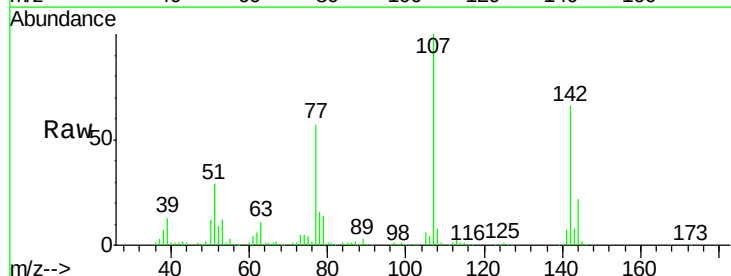


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

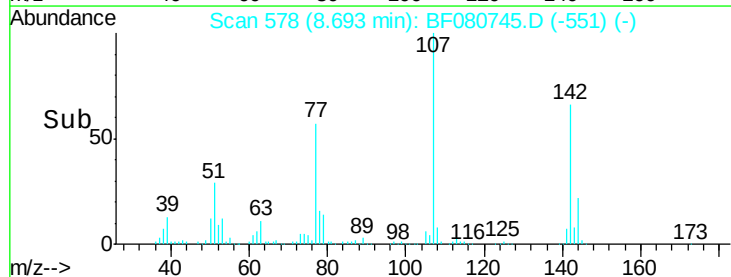
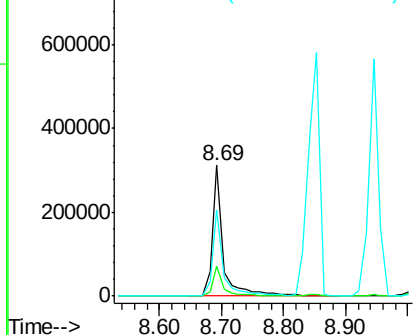


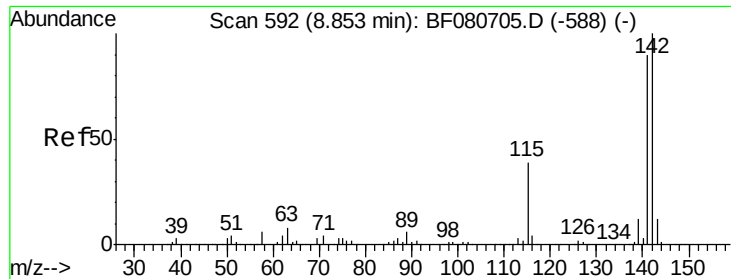
#36
 4-Chloro-3-methylphenol
 Concen: 48.98 ng
 RT: 8.69 min Scan# 578
 Delta R.T. 0.01 min
 Lab File: BF080745.D
 Acq: 31 Jul 2015 20:54

Tgt Ion:107 Resp: 374014
 Ion Ratio Lower Upper
 107 100
 144 22.5 17.2 25.8
 142 66.0 51.2 76.8



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

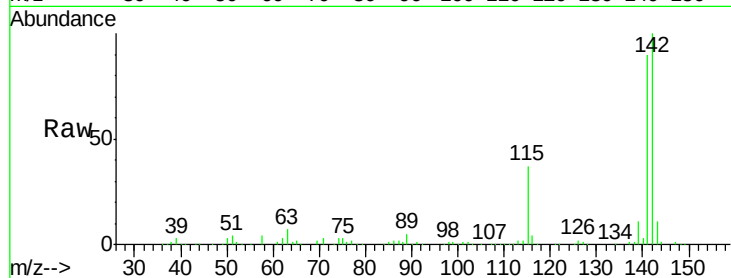




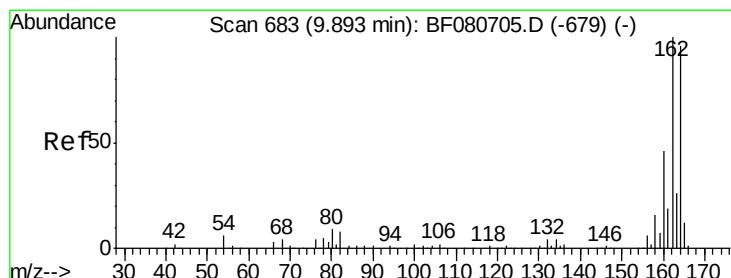
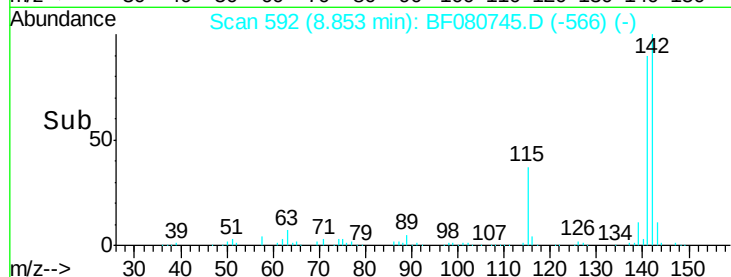
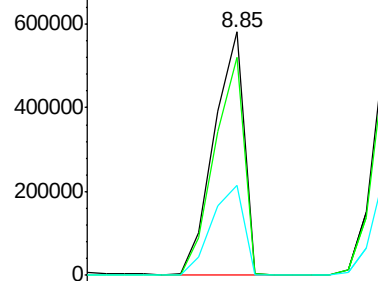
#37
2-Methylnaphthalene
Concen: 46.88 ng
RT: 8.85 min Scan# 592
Delta R.T. -0.00 min
Lab File: BF080745.D
Acq: 31 Jul 2015 20:54

Instrument :
BNA_F
ClientSampleId :
PB84784BS

Tgt Ion:142 Resp: 741954
Ion Ratio Lower Upper
142 100
141 89.8 71.9 107.9
115 37.0 31.4 47.2

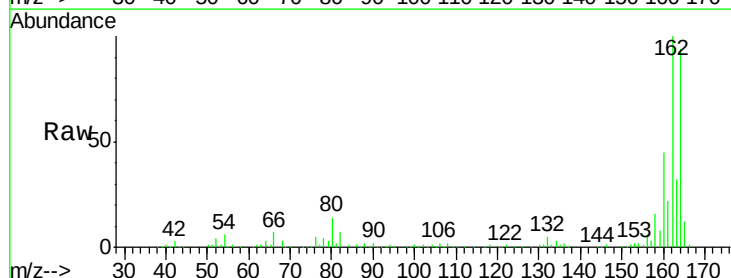


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

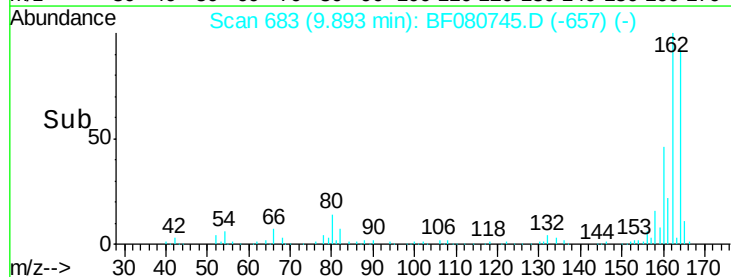
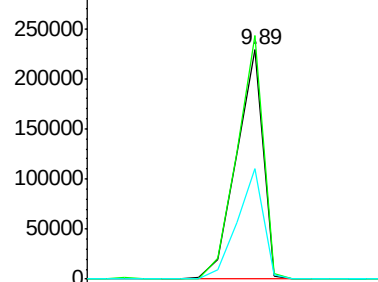


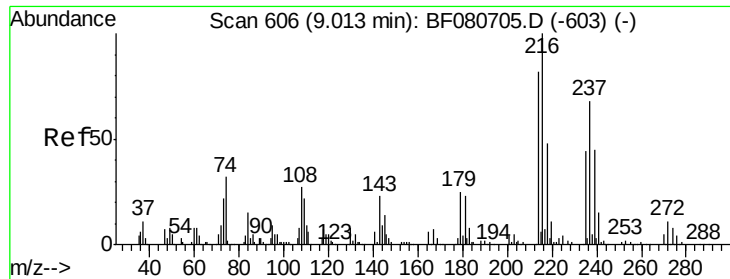
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF080745.D
Acq: 31 Jul 2015 20:54

Tgt Ion:164 Resp: 259337
Ion Ratio Lower Upper
164 100
162 106.1 83.4 125.0
160 48.3 38.0 57.0



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

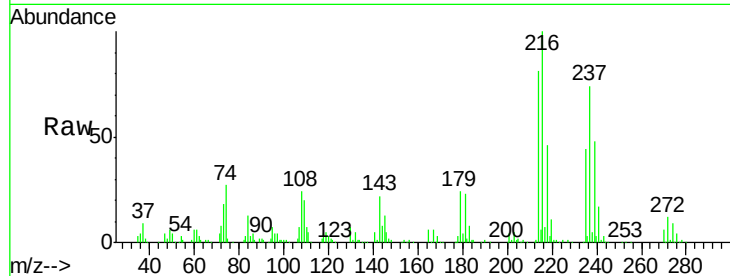




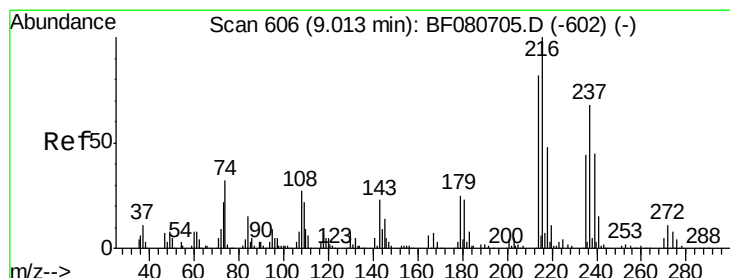
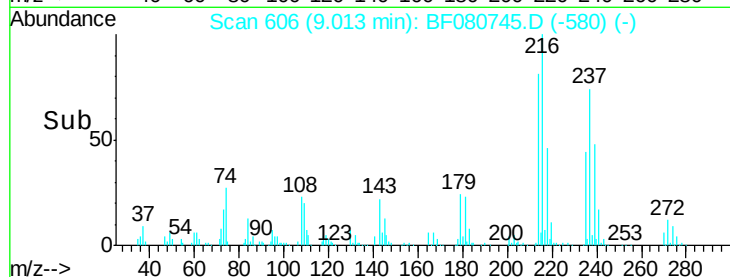
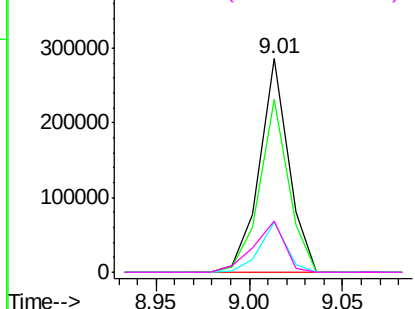
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.17 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: BF080745.D
 Acq: 31 Jul 2015 20:54

Instrument :
 BNA_F
 ClientSampleId :
 PB84784BS

Tgt Ion:	216	Resp:	310863
Ion	Ratio	Lower	Upper
216	100		
214	79.9	63.1	94.7
179	21.6	16.9	25.3
108	25.2	17.0	25.6

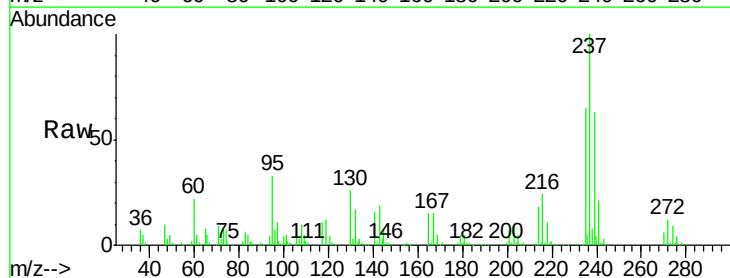


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

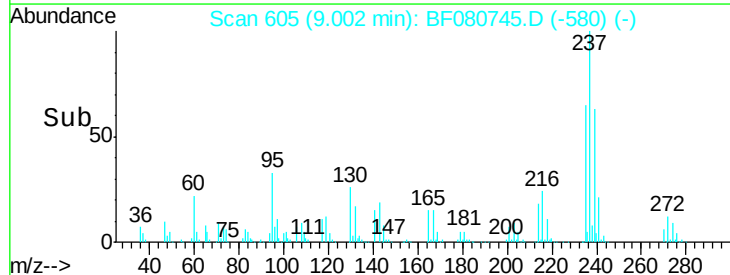
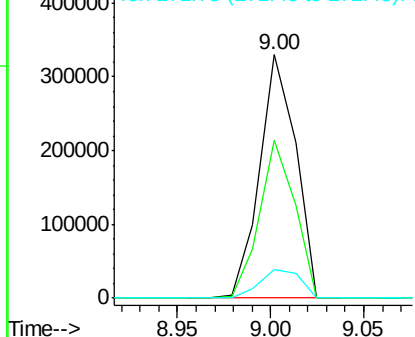


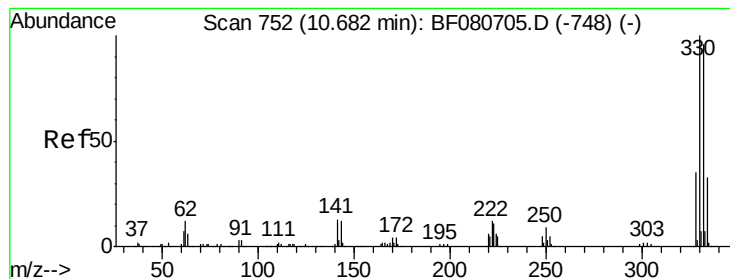
#40
 Hexachlorocyclopentadiene
 Concen: 88.48 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.01 min
 Lab File: BF080745.D
 Acq: 31 Jul 2015 20:54

Tgt Ion:	237	Resp:	443313
Ion	Ratio	Lower	Upper
237	100		
235	64.7	44.3	84.3
272	11.5	0.0	35.5



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

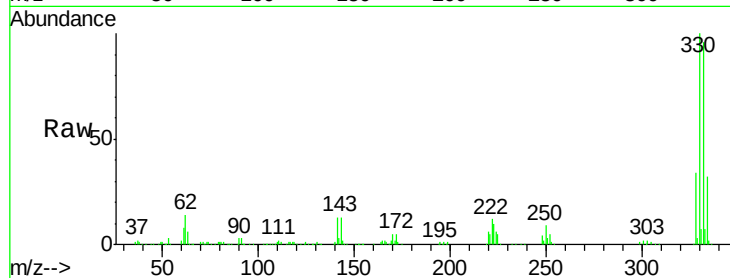




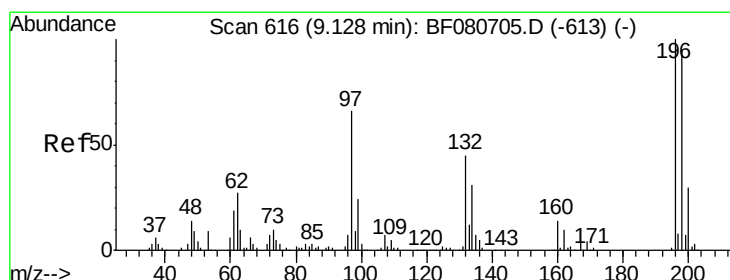
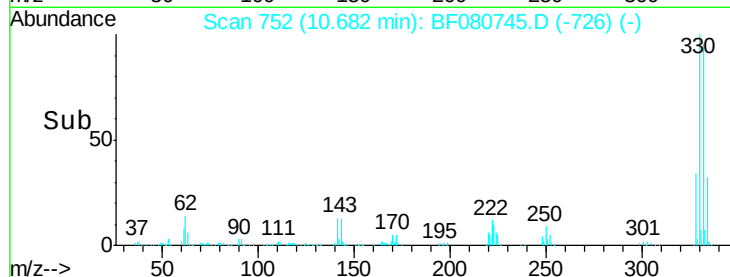
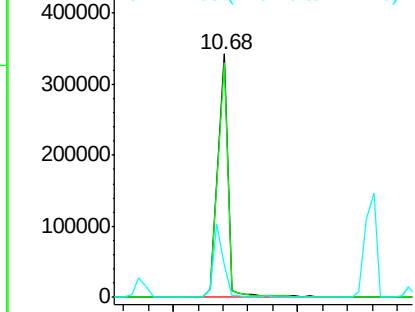
#41
 2,4,6-Tribromophenol
 Concen: 142.68 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: BF080745.D
 Acq: 31 Jul 2015 20:54

Instrument :
 BNA_F
 ClientSampleId :
 PB84784BS

Tgt Ion:330 Resp: 383944
 Ion Ratio Lower Upper
 330 100
 332 97.7 76.6 114.8
 141 30.0 26.0 39.0

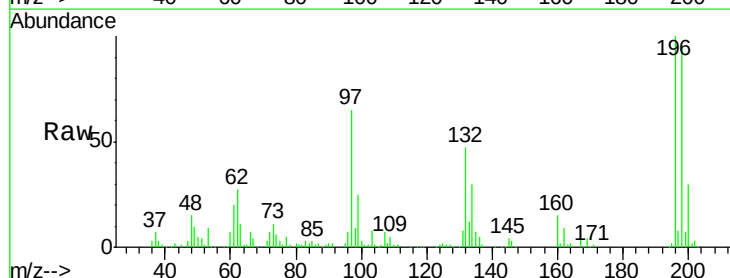


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

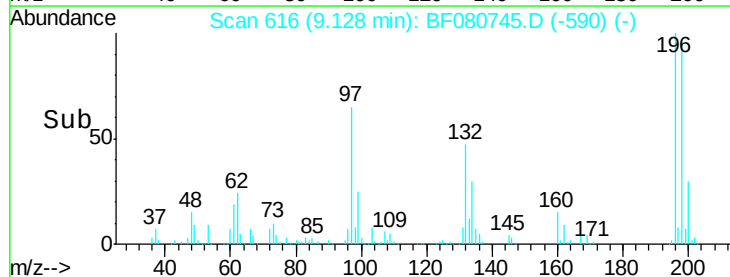
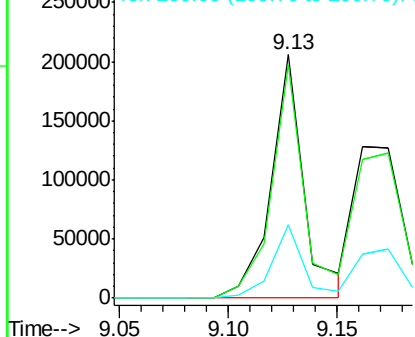


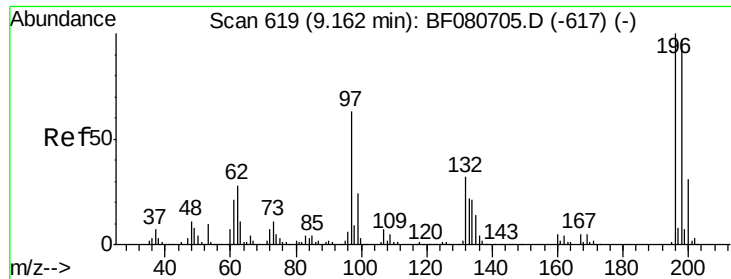
#42
 2,4,6-Trichlorophenol
 Concen: 38.40 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF080745.D
 Acq: 31 Jul 2015 20:54

Tgt Ion:196 Resp: 217534
 Ion Ratio Lower Upper
 196 100
 198 96.1 75.8 113.8
 200 30.3 24.2 36.2



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

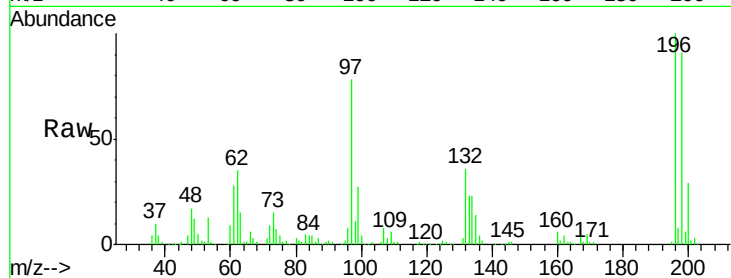




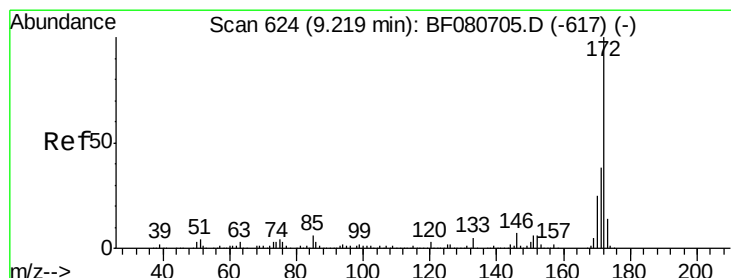
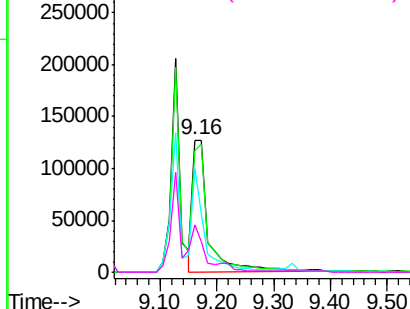
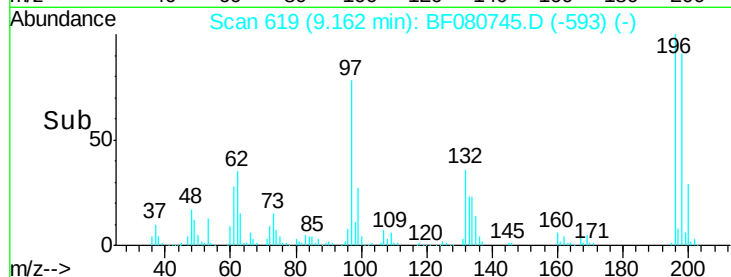
#43
 2,4,5-Trichlorophenol
 Concen: 44.98 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.00 min
 Lab File: BF080745.D
 Acq: 31 Jul 2015 20:54

Instrument :
 BNA_F
 ClientSampleId :
 PB84784BS

Tgt Ion:196 Resp: 252784
 Ion Ratio Lower Upper
 196 100
 198 91.4 77.8 116.8
 97 78.4 49.0 73.4#
 132 36.0 25.4 38.0

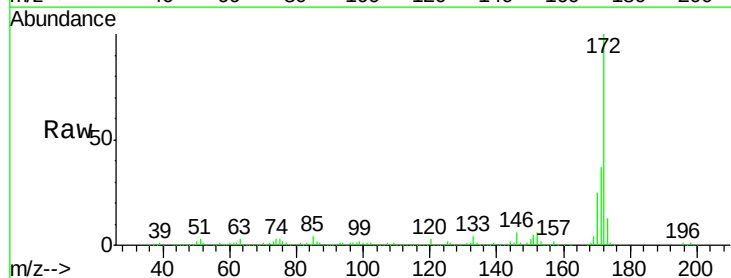


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

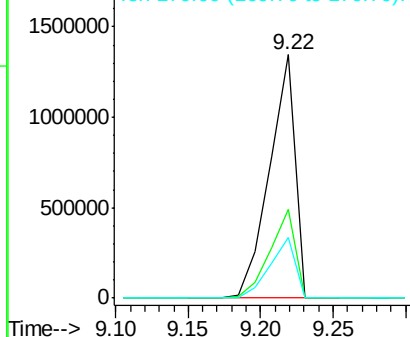
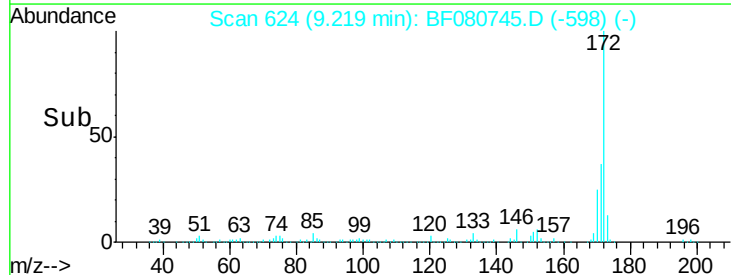


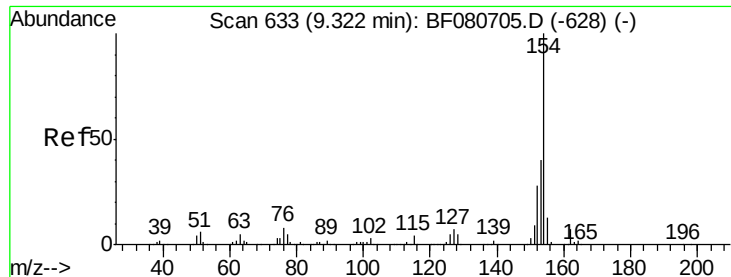
#44
 2-Fluorobiphenyl
 Concen: 94.95 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF080745.D
 Acq: 31 Jul 2015 20:54

Tgt Ion:172 Resp: 1650533
 Ion Ratio Lower Upper
 172 100
 171 36.7 30.2 45.4
 170 24.9 20.2 30.2



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

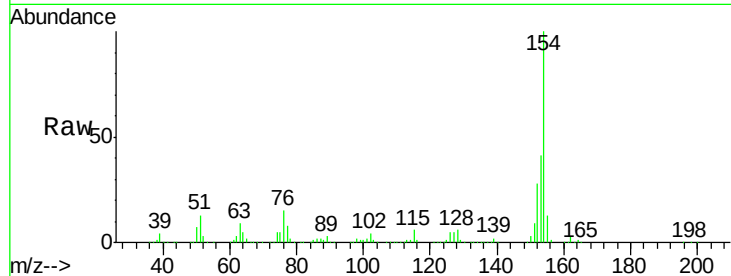




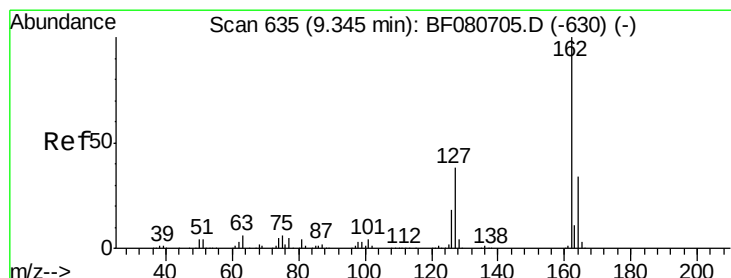
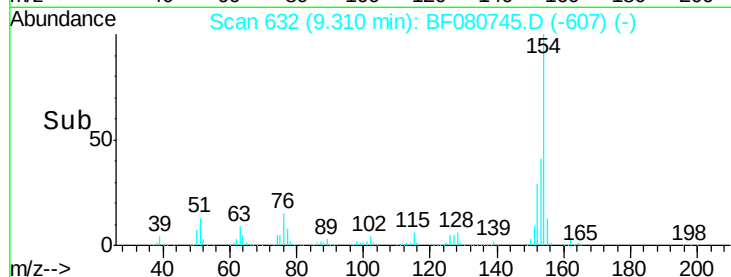
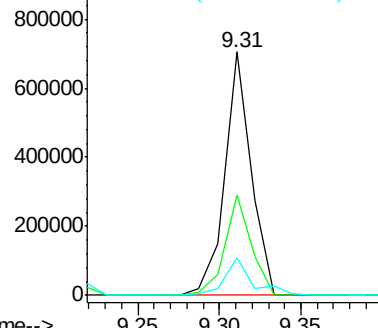
#45
 1,1'-Biphenyl
 Concen: 39.72 ng
 RT: 9.31 min Scan# 632
 Delta R.T. -0.01 min
 Lab File: BF080745.D
 Acq: 31 Jul 2015 20:54

Instrument :
 BNA_F
 ClientSampleId :
 PB84784BS

Tgt Ion:	154	Resp:	789928
Ion	Ratio	Lower	Upper
154	100		
153	41.0	19.9	59.9
76	15.2	0.0	28.3

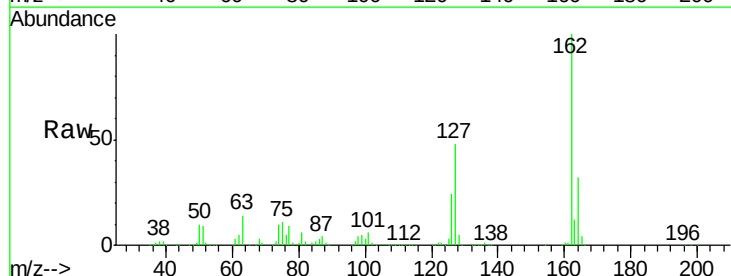


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

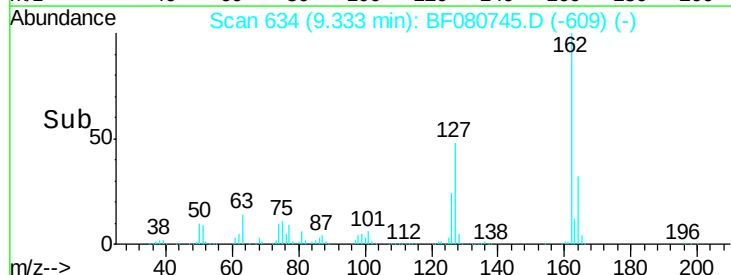
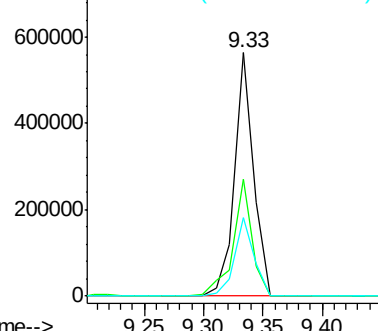


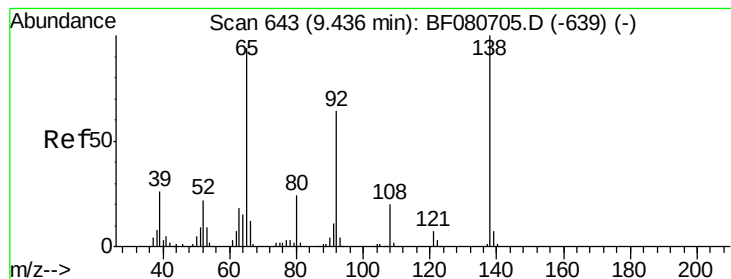
#46
 2-Chloronaphthalene
 Concen: 39.01 ng
 RT: 9.33 min Scan# 634
 Delta R.T. -0.01 min
 Lab File: BF080745.D
 Acq: 31 Jul 2015 20:54

Tgt Ion:	162	Resp:	633523
Ion	Ratio	Lower	Upper
162	100		
127	48.1	30.2	45.4#
164	32.5	27.1	40.7



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: 41.58 ng

RT: 9.42 min Scan# 642

Delta R.T. -0.01 min

Lab File: BF080745.D

Acq: 31 Jul 2015 20:54

Instrument :

BNA_F

ClientSampleId :

PB84784BS

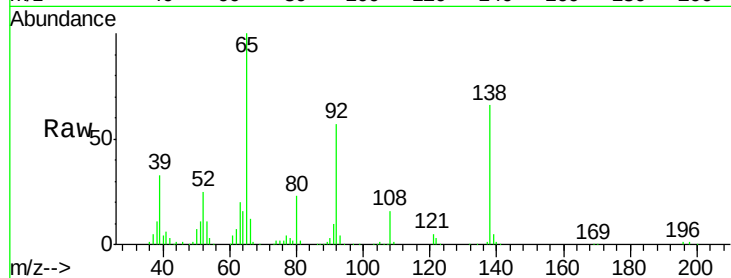
Tgt Ion: 65 Resp: 262777

Ion Ratio Lower Upper

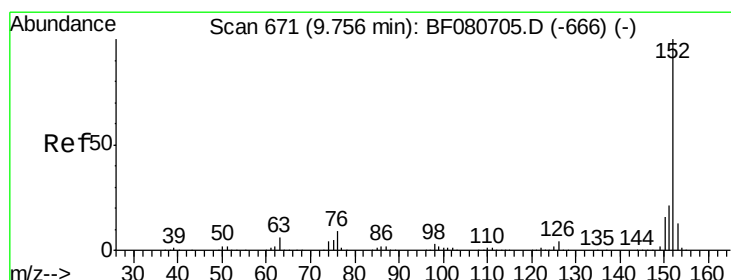
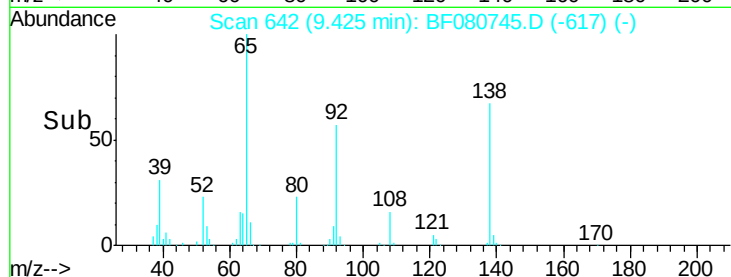
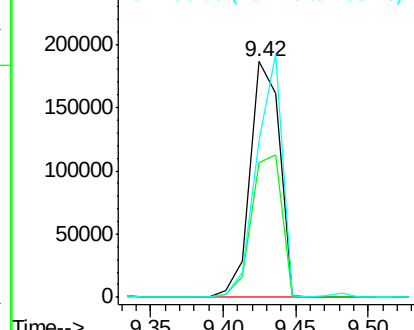
65 100

92 57.0 54.9 82.3

138 66.3 85.1 127.7#



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 42.65 ng

RT: 9.76 min Scan# 671

Delta R.T. -0.00 min

Lab File: BF080745.D

Acq: 31 Jul 2015 20:54

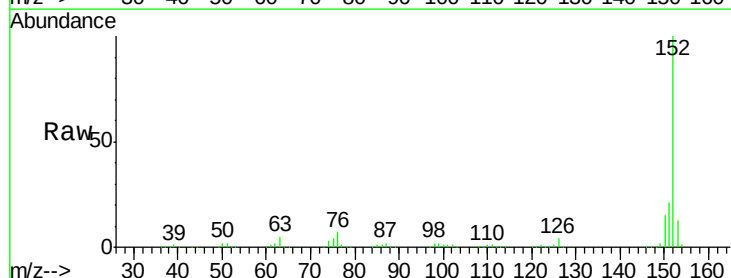
Tgt Ion: 152 Resp: 1101507

Ion Ratio Lower Upper

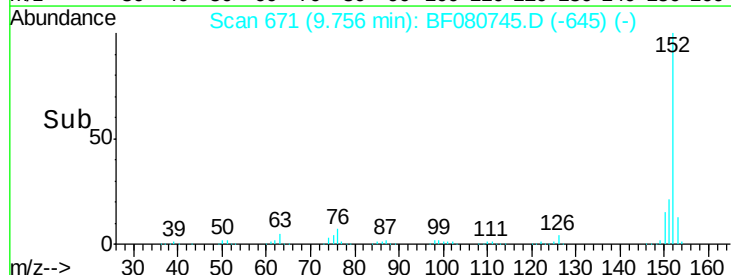
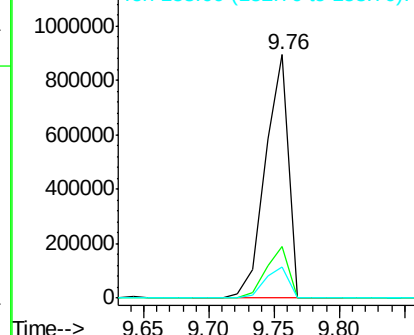
152 100

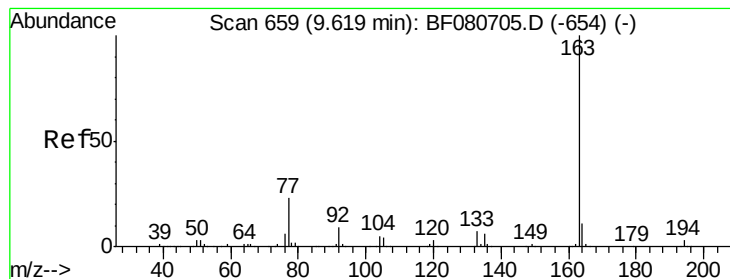
151 21.1 17.0 25.6

153 12.9 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 46.45 ng

RT: 9.62 min Scan# 659

Delta R.T. -0.00 min

Lab File: BF080745.D

Acq: 31 Jul 2015 20:54

Instrument :

BNA_F

ClientSampleId :

PB84784BS

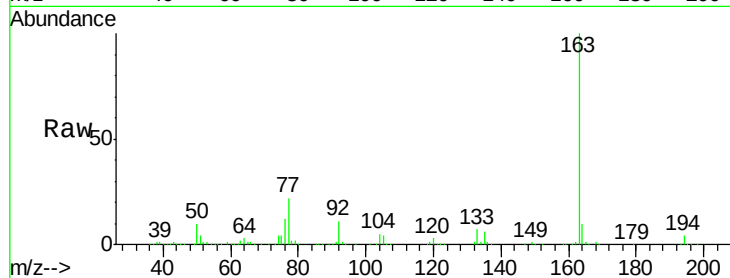
Tgt Ion:163 Resp: 848959

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

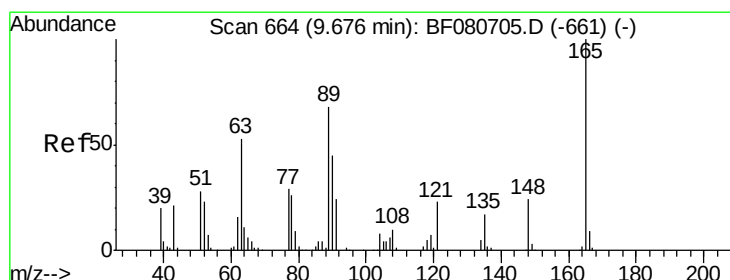
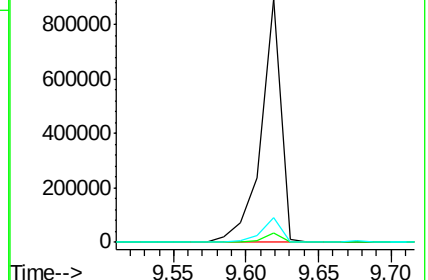
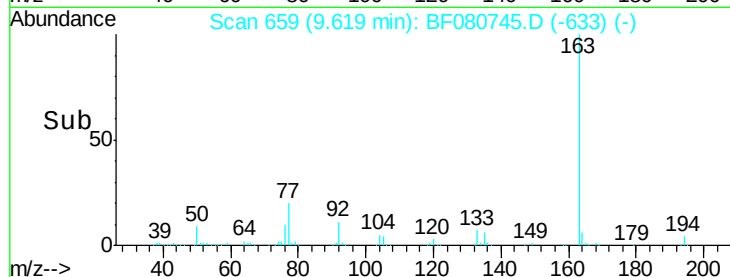
164 10.4 8.7 13.1



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: 48.73 ng

RT: 9.68 min Scan# 664

Delta R.T. -0.00 min

Lab File: BF080745.D

Acq: 31 Jul 2015 20:54

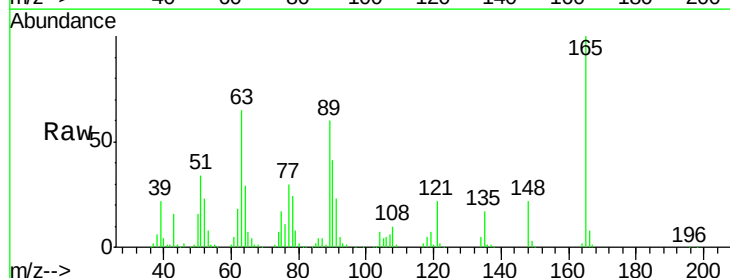
Tgt Ion:165 Resp: 189002

Ion Ratio Lower Upper

165 100

63 64.6 62.3 93.5

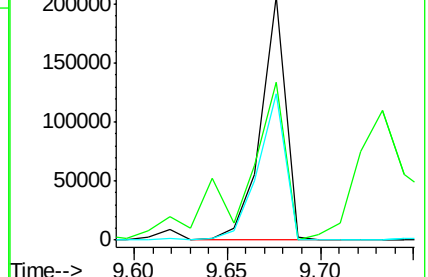
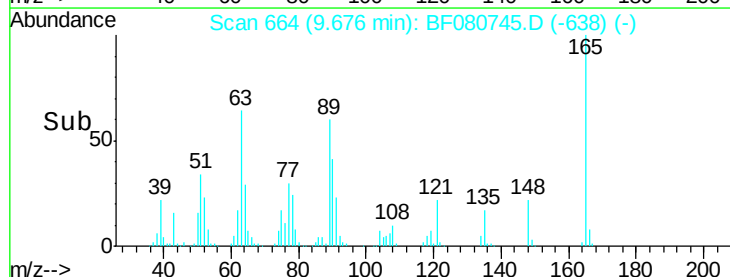
89 60.3 54.8 82.2

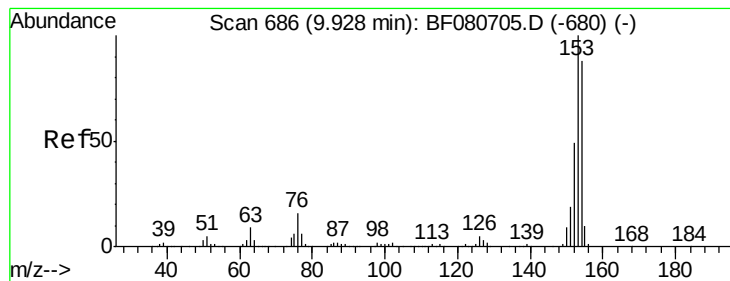


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 48.97 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.00 min

Lab File: BF080745.D

Acq: 31 Jul 2015 20:54

Instrument :

BNA_F

ClientSampleId :

PB84784BS

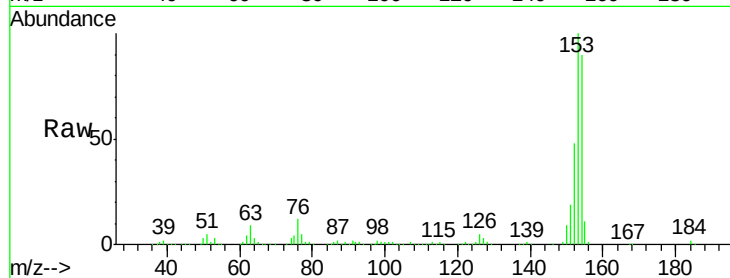
Tgt Ion:154 Resp: 771475

Ion Ratio Lower Upper

154 100

153 111.6 90.7 136.1

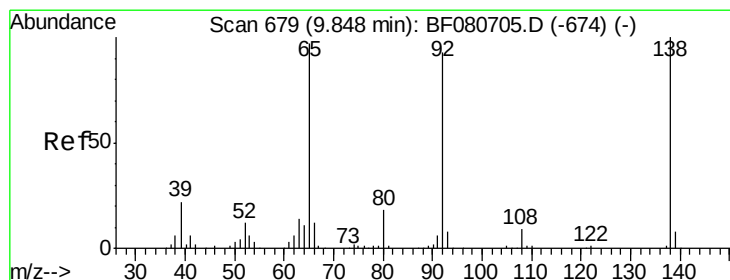
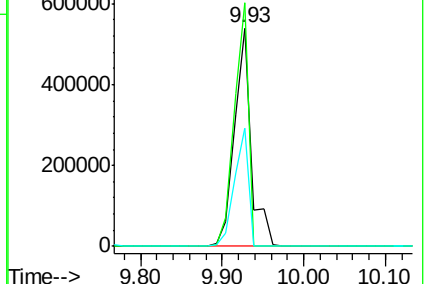
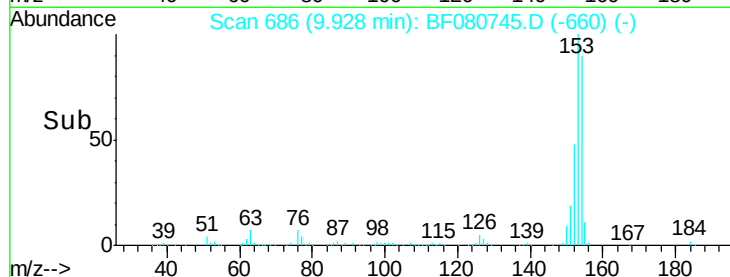
152 54.1 44.2 66.4



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: 19.23 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF080745.D

Acq: 31 Jul 2015 20:54

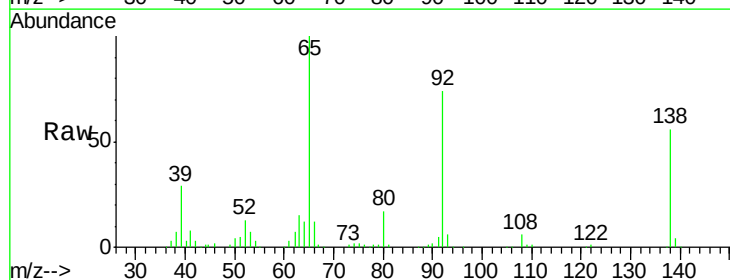
Tgt Ion:138 Resp: 86065

Ion Ratio Lower Upper

138 100

108 11.5 6.9 10.3#

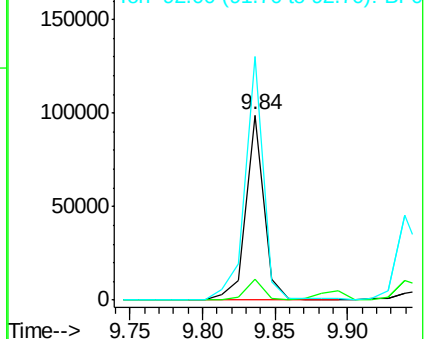
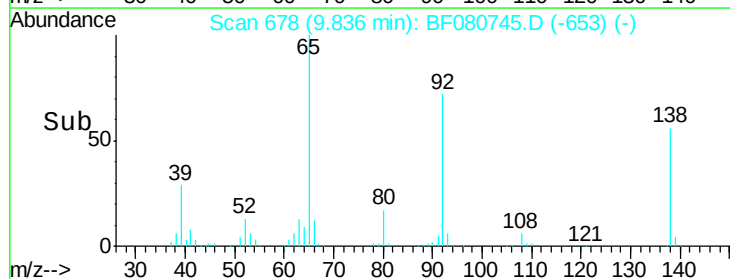
92 131.6 74.1 111.1#

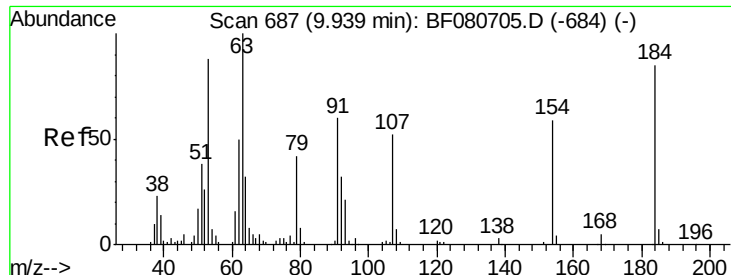


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

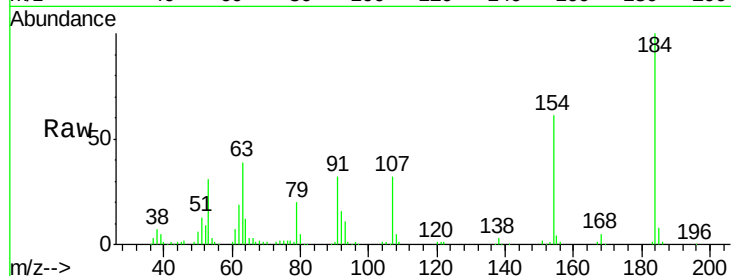




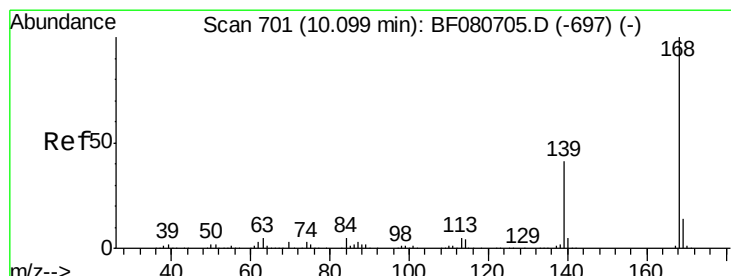
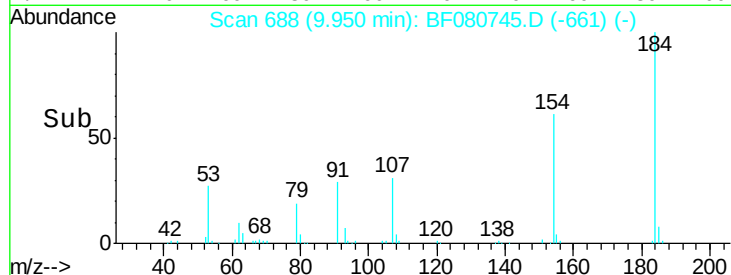
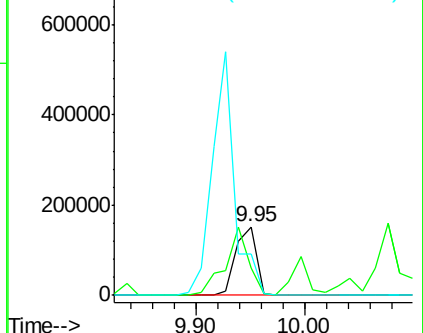
#53
 2,4-Dinitrophenol
 Concen: 96.20 ng
 RT: 9.95 min Scan# 688
 Delta R.T. 0.01 min
 Lab File: BF080745.D
 Acq: 31 Jul 2015 20:54

Instrument :
 BNA_F
 ClientSampleId :
 PB84784BS

Tgt Ion:184 Resp: 198726
 Ion Ratio Lower Upper
 184 100
 63 39.3 96.0 144.0#
 154 60.8 66.0 99.0#

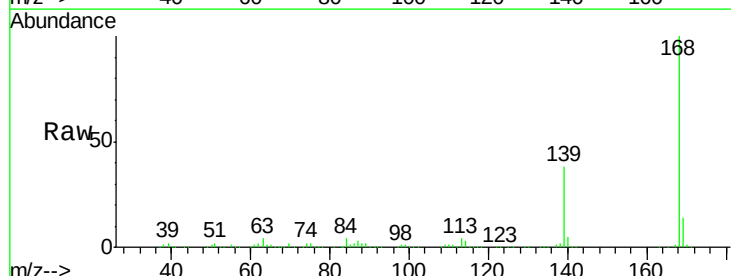


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

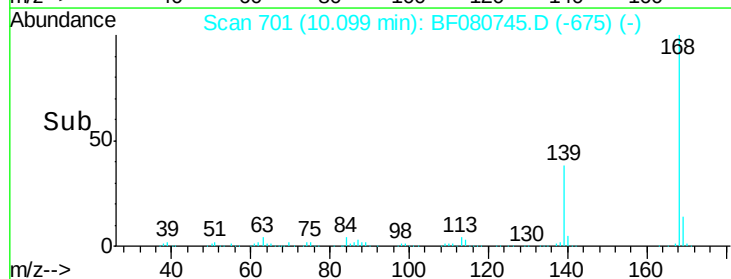
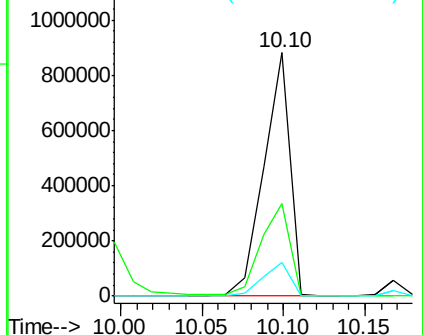


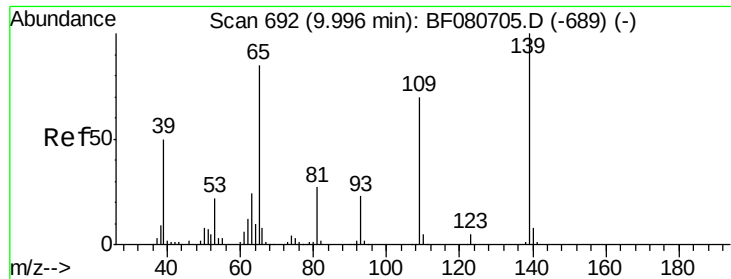
#54
 Dibenzofuran
 Concen: 46.53 ng
 RT: 10.10 min Scan# 701
 Delta R.T. -0.00 min
 Lab File: BF080745.D
 Acq: 31 Jul 2015 20:54

Tgt Ion:168 Resp: 980517
 Ion Ratio Lower Upper
 168 100
 139 38.1 33.0 49.6
 169 14.1 11.4 17.2



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

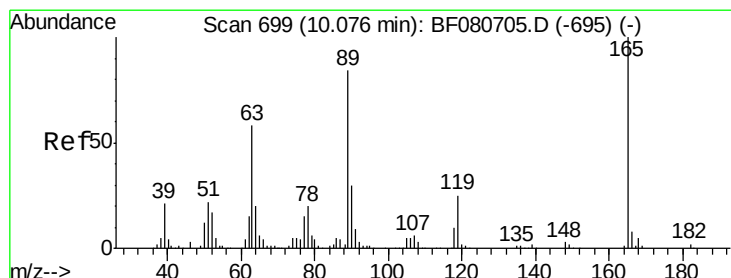
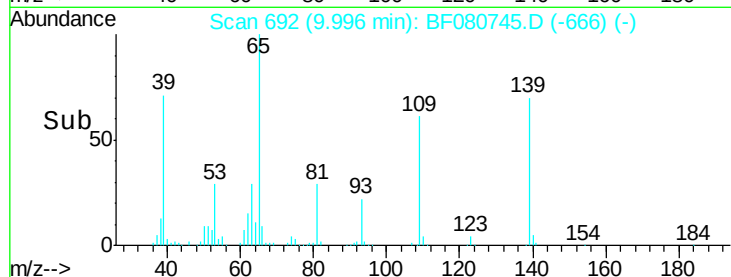
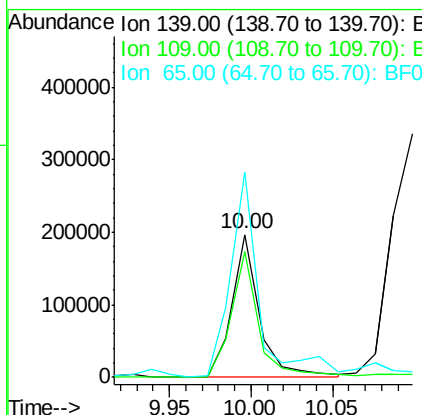
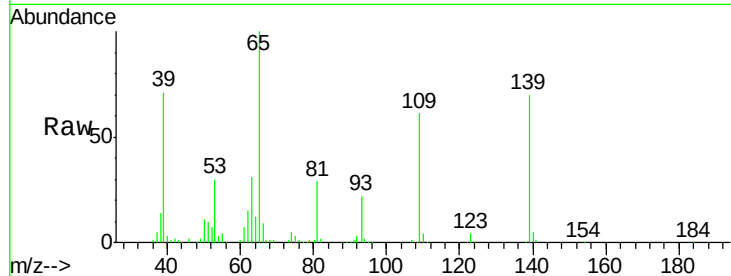




#55
4-Nitrophenol
Concen: 70.18 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.00 min
Lab File: BF080745.D
Acq: 31 Jul 2015 20:54

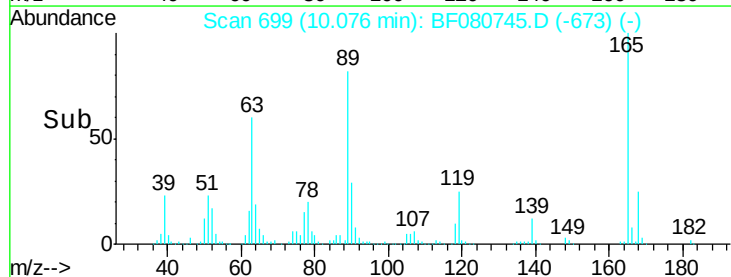
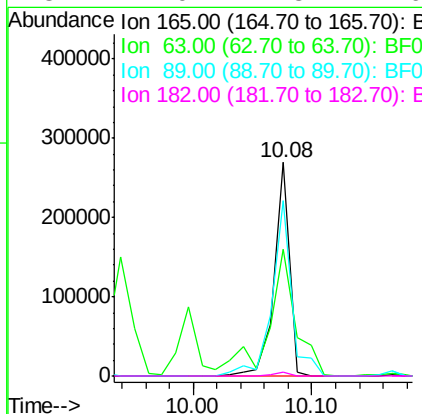
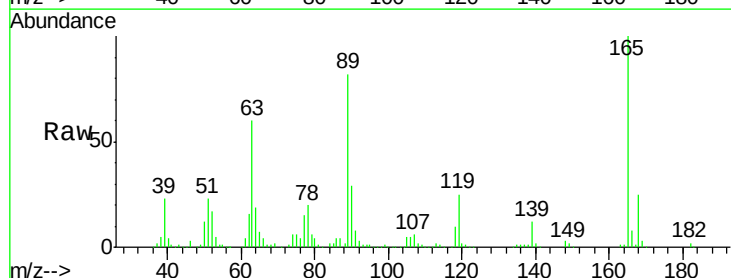
Instrument :
BNA_F
ClientSampled :
PB84784BS

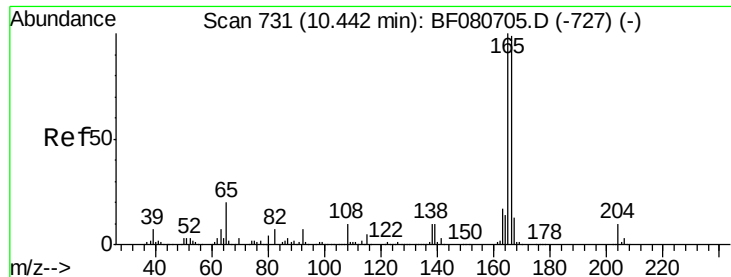
Tgt Ion:139 Resp: 231432
Ion Ratio Lower Upper
139 100
109 88.1 50.4 90.4
65 143.9 66.1 106.1#



#56
2,4-Dinitrotoluene
Concen: 47.56 ng
RT: 10.08 min Scan# 699
Delta R.T. -0.00 min
Lab File: BF080745.D
Acq: 31 Jul 2015 20:54

Tgt Ion:165 Resp: 241930
Ion Ratio Lower Upper
165 100
63 59.6 46.7 70.1
89 82.4 67.4 101.2
182 2.0 1.8 2.6





#57

Fluorene

Concen: 42.78 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF080745.D

Acq: 31 Jul 2015 20:54

Instrument :

BNA_F

ClientSampleId :

PB84784BS

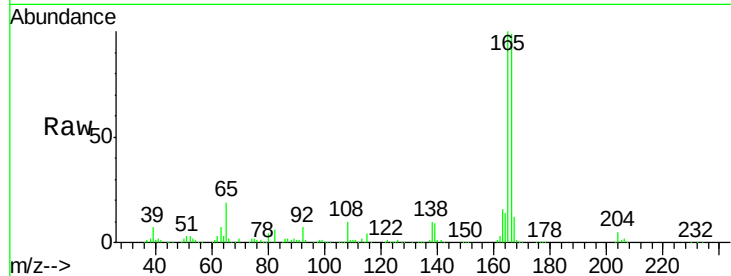
Tgt Ion:166 Resp: 699663

Ion Ratio Lower Upper

166 100

165 101.2 81.0 121.4

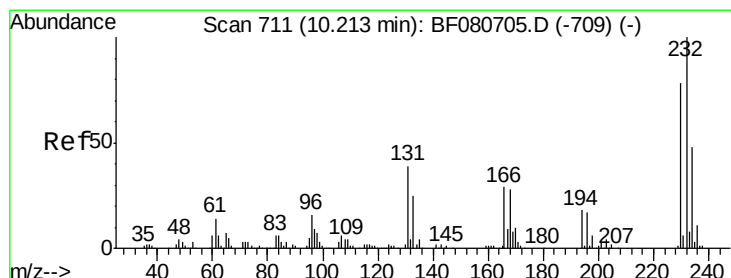
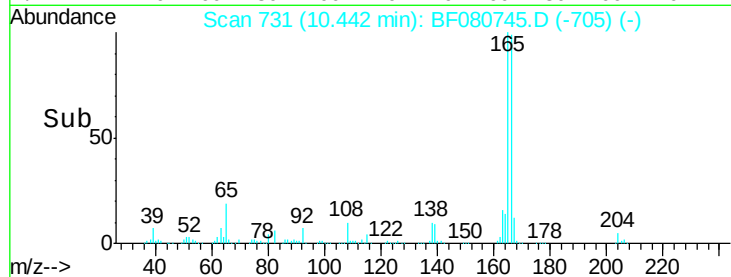
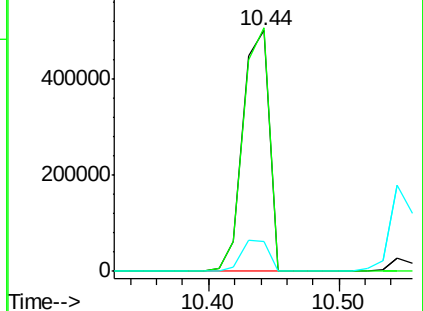
167 12.6 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.75 ng

RT: 10.21 min Scan# 711

Delta R.T. -0.00 min

Lab File: BF080745.D

Acq: 31 Jul 2015 20:54

Tgt Ion:232 Resp: 193909

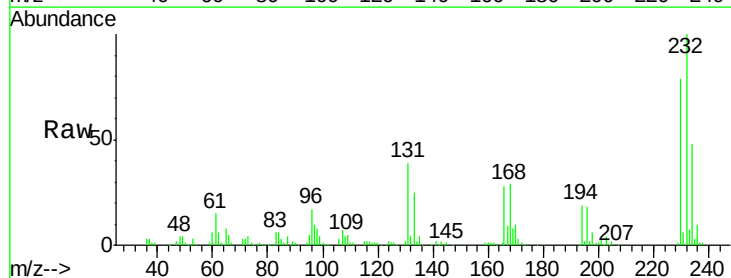
Ion Ratio Lower Upper

232 100

131 50.3 38.2 57.2

130 2.3 1.8 2.6

166 31.1 25.6 38.4

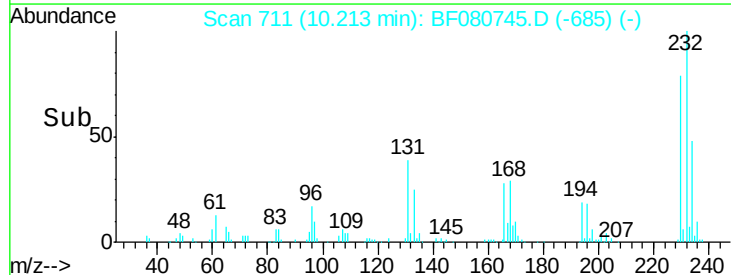
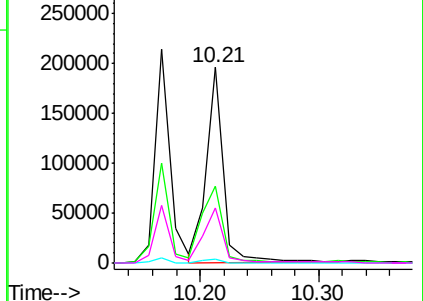


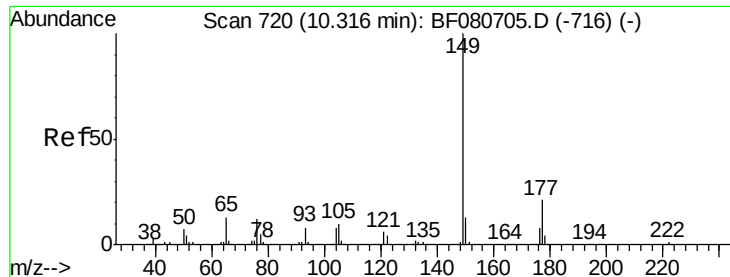
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

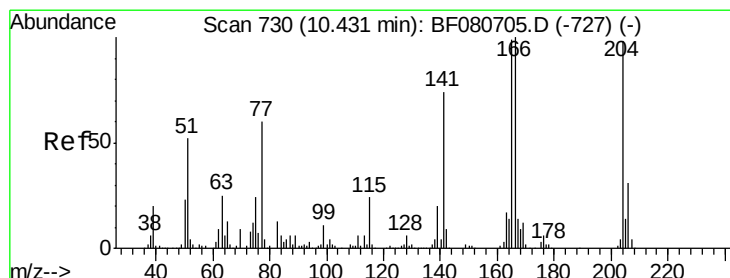
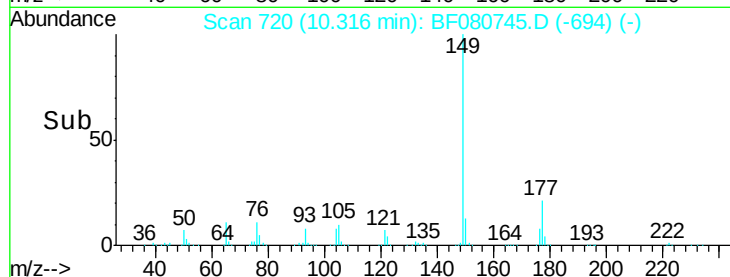
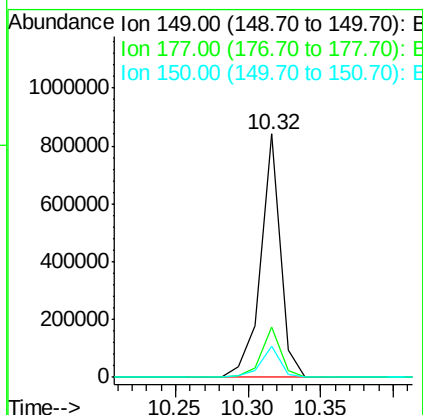
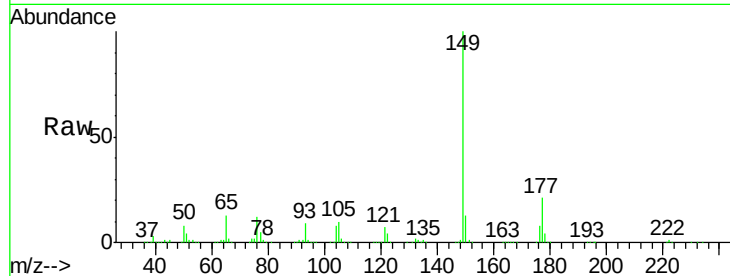




#59
Diethylphthalate
Concen: 44.98 ng
RT: 10.32 min Scan# 720
Delta R.T. -0.00 min
Lab File: BF080745.D
Acq: 31 Jul 2015 20:54

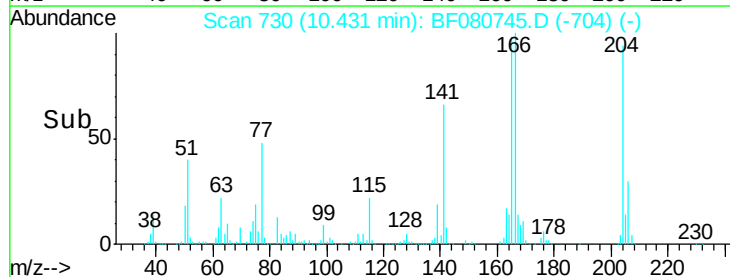
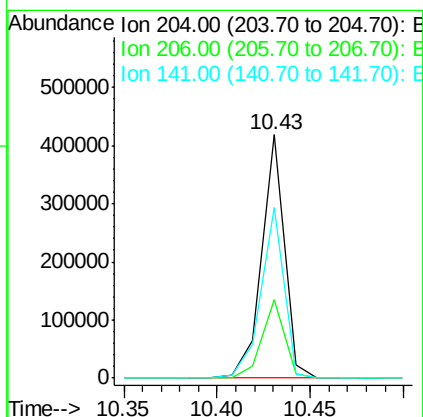
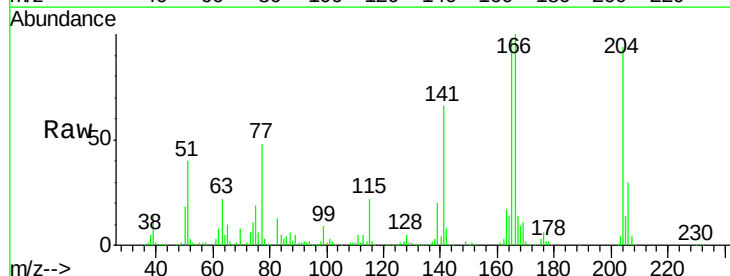
Instrument :
BNA_F
ClientSampleId :
PB84784BS

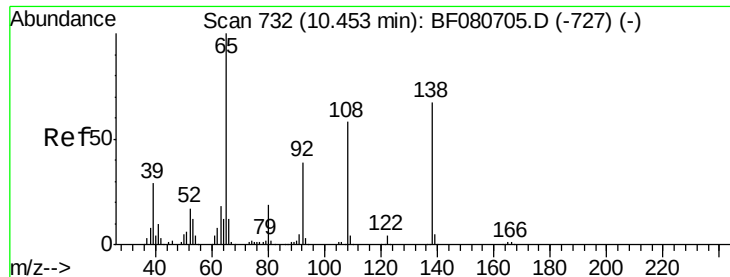
Tgt Ion:149 Resp: 792391
Ion Ratio Lower Upper
149 100
177 20.8 16.6 25.0
150 12.9 10.2 15.4



#60
4-Chlorophenyl-phenylether
Concen: 49.83 ng
RT: 10.43 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF080745.D
Acq: 31 Jul 2015 20:54

Tgt Ion:204 Resp: 351269
Ion Ratio Lower Upper
204 100
206 32.1 25.1 37.7
141 70.2 60.3 90.5





#61

4-Nitroaniline

Concen: 39.21 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF080745.D

Acq: 31 Jul 2015 20:54

Instrument :

BNA_F

ClientSampleId :

PB84784BS

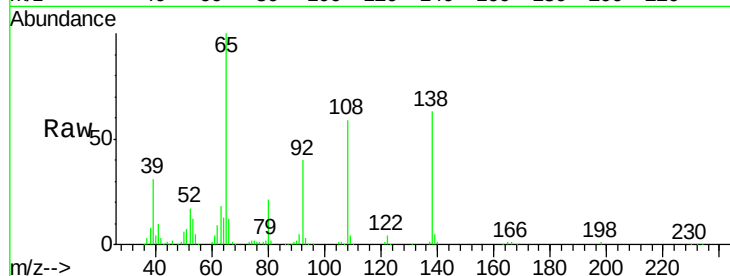
Tgt Ion:138 Resp: 158422

Ion Ratio Lower Upper

138 100

92 64.5 38.2 78.2

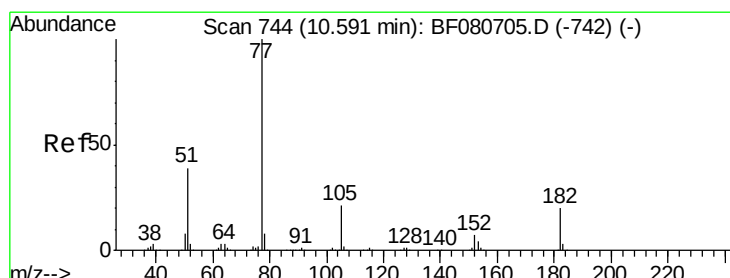
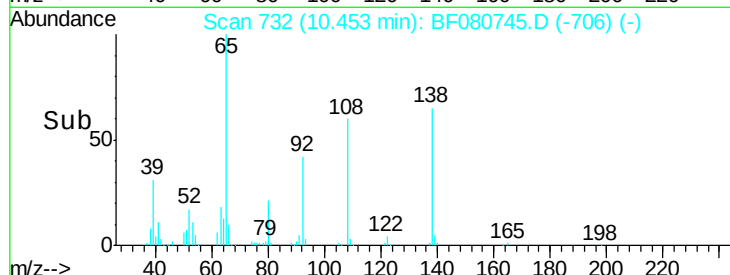
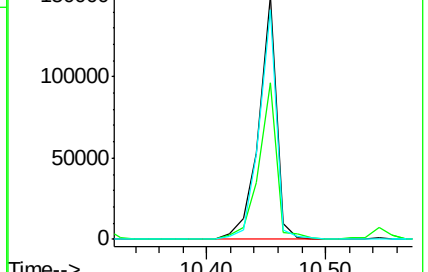
108 94.2 66.3 106.3



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: 50.22 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF080745.D

Acq: 31 Jul 2015 20:54

Tgt Ion: 77 Resp: 958358

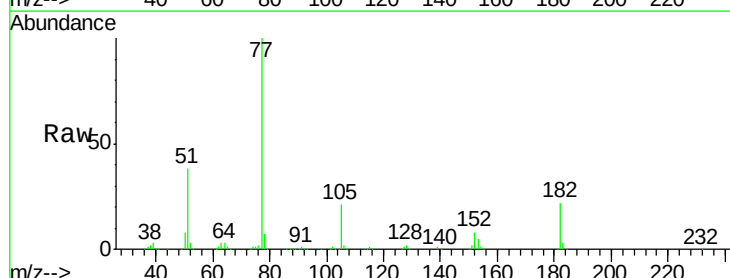
Ion Ratio Lower Upper

77 100

182 22.4 0.0 39.9

105 21.2 1.1 41.1

51 38.0 18.9 58.9

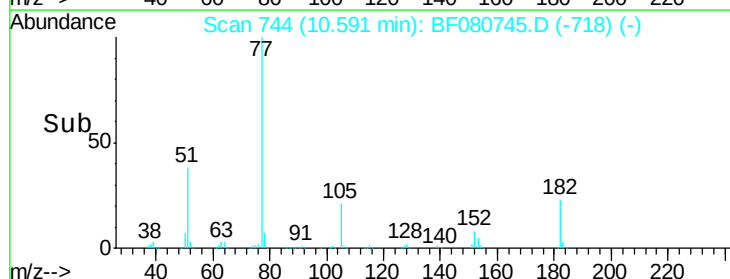
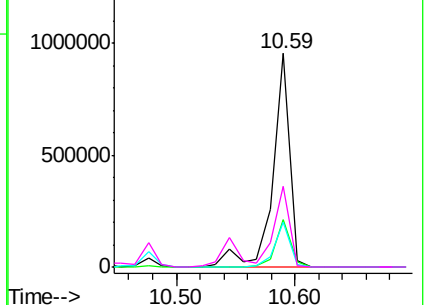


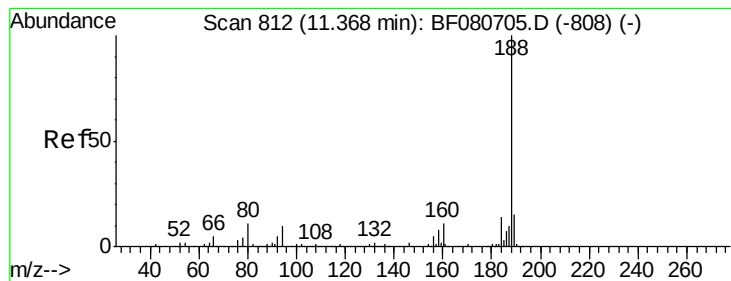
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.37 min Scan# 812

Delta R.T. -0.00 min

Lab File: BF080745.D

Acq: 31 Jul 2015 20:54

Instrument :

BNA_F

ClientSampleId :

PB84784BS

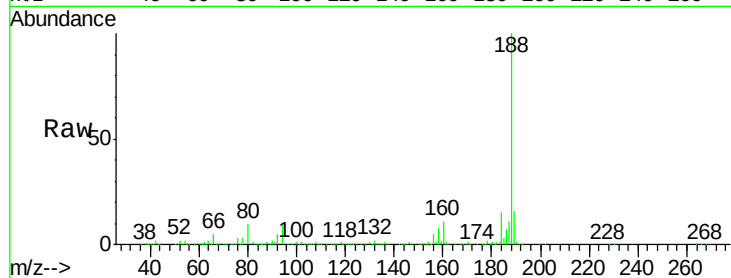
Tgt Ion:188 Resp: 479616

Ion Ratio Lower Upper

188 100

94 8.7 8.1 12.1

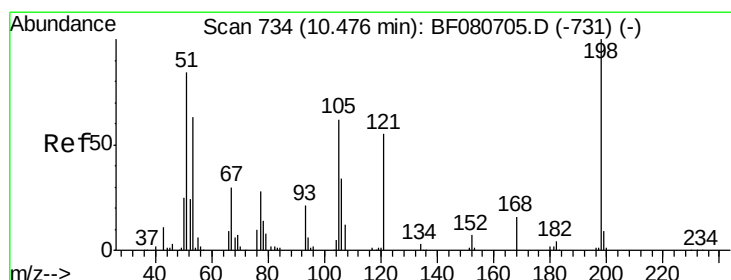
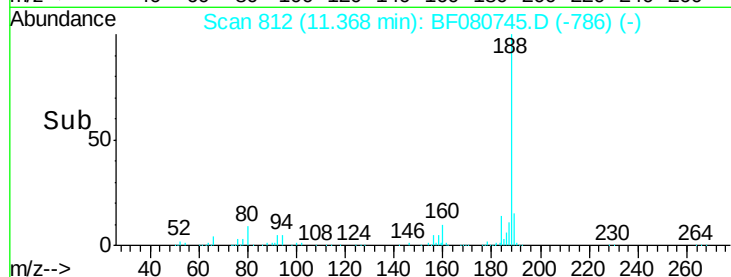
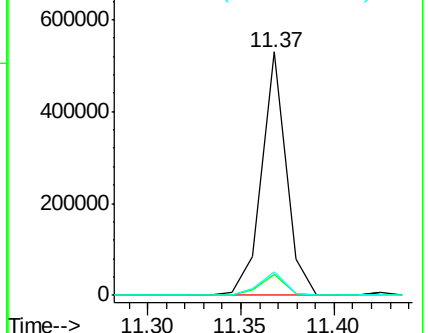
80 9.7 9.1 13.7



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: 40.63 ng

RT: 10.48 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF080745.D

Acq: 31 Jul 2015 20:54

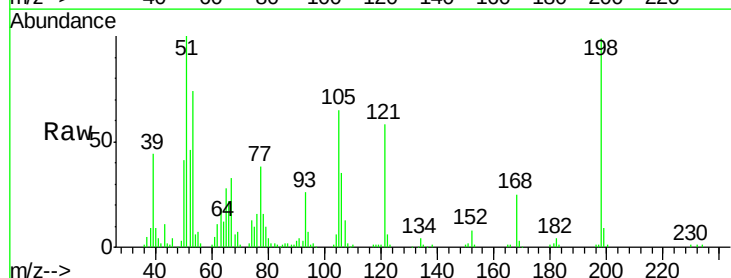
Tgt Ion:198 Resp: 117352

Ion Ratio Lower Upper

198 100

51 101.1 84.6 124.6

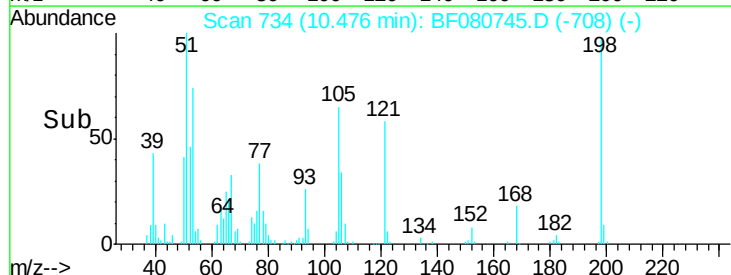
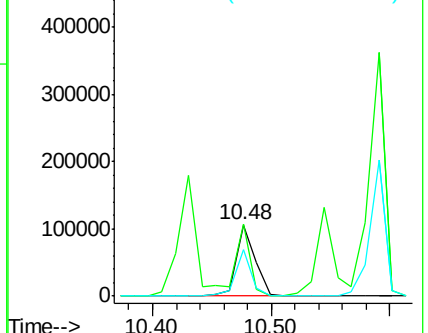
105 65.6 43.0 83.0

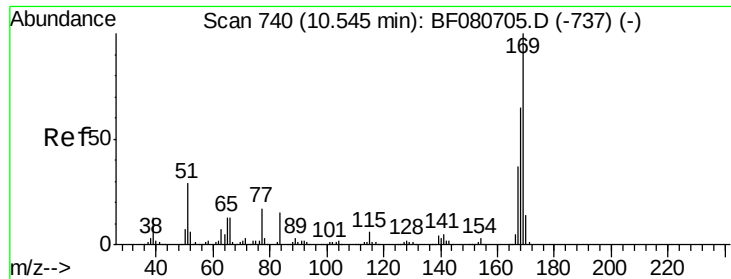


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 40.37 ng

RT: 10.54 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF080745.D

Acq: 31 Jul 2015 20:54

Instrument :

BNA_F

ClientSampleId :

PB84784BS

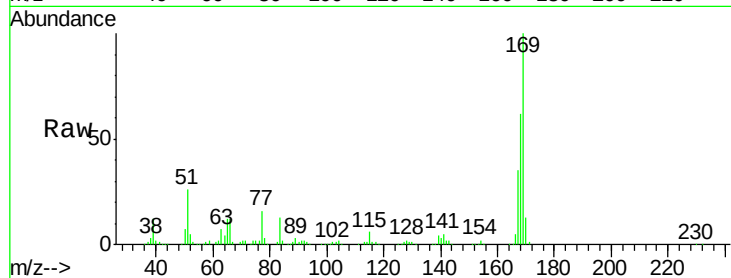
Tgt Ion:169 Resp: 634807

Ion Ratio Lower Upper

169 100

168 62.2 52.1 78.1

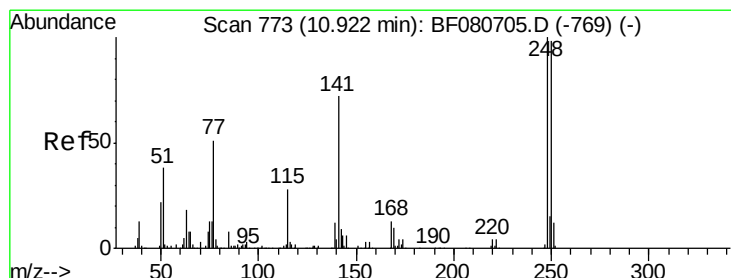
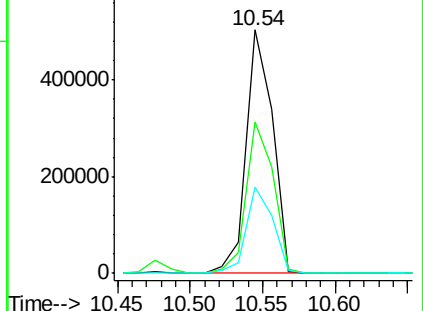
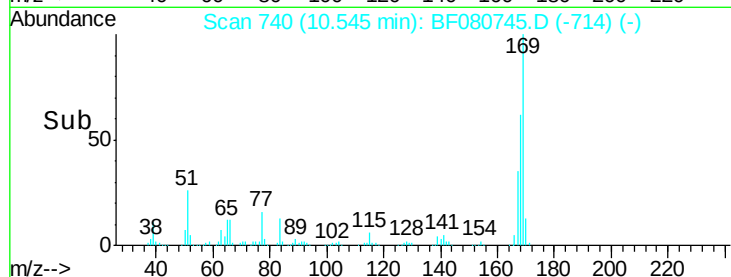
167 35.5 29.3 43.9



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: 47.64 ng

RT: 10.92 min Scan# 773

Delta R.T. -0.00 min

Lab File: BF080745.D

Acq: 31 Jul 2015 20:54

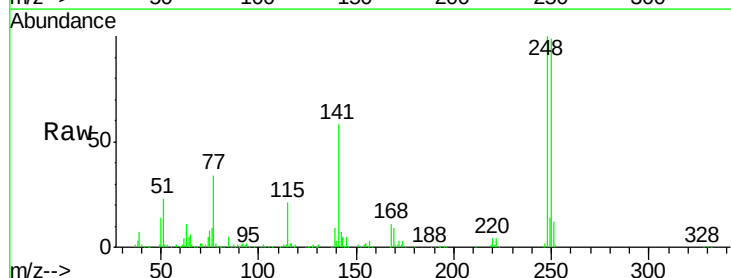
Tgt Ion:248 Resp: 235889

Ion Ratio Lower Upper

248 100

250 99.2 78.4 117.6

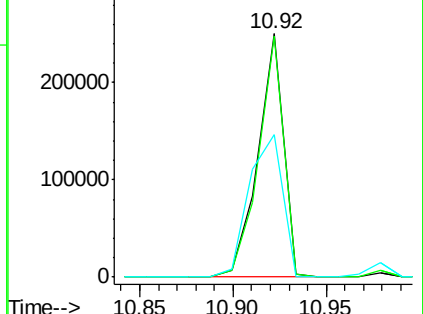
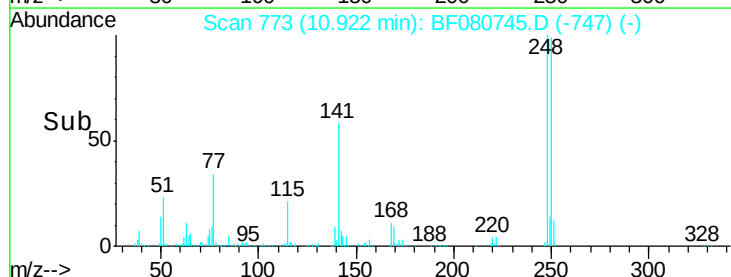
141 58.3 57.5 86.3

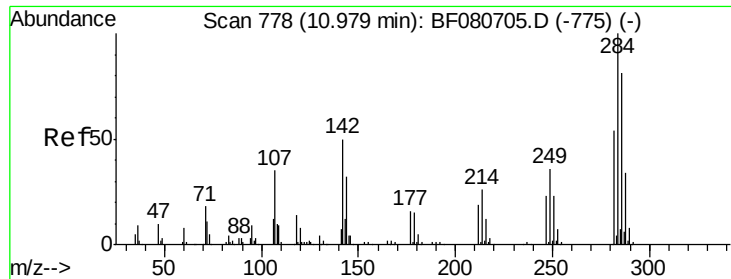


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

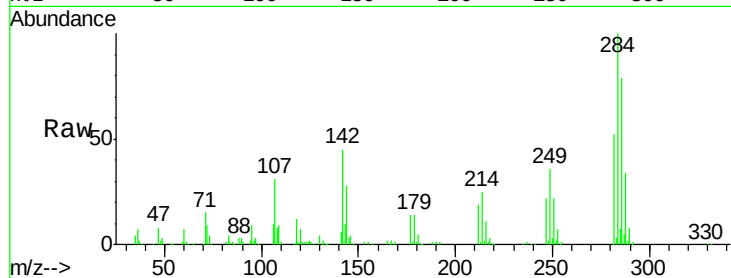




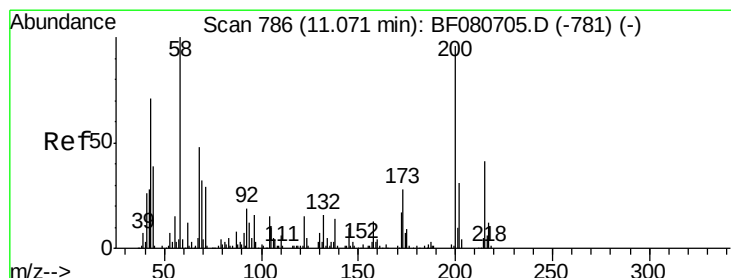
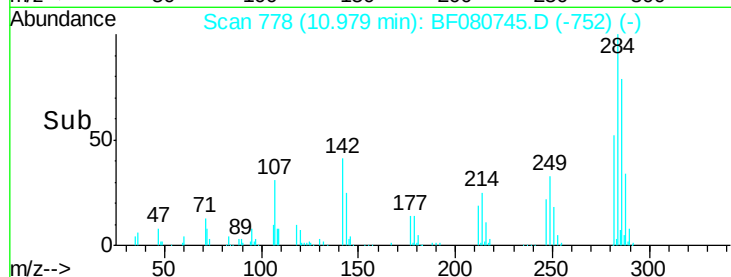
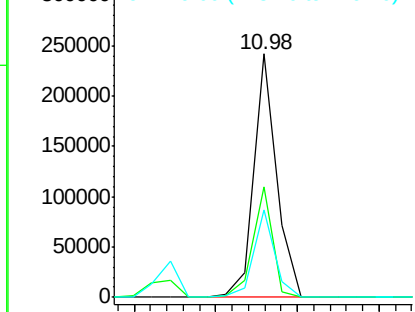
#67
Hexachlorobenzene
Concen: 40.87 ng
RT: 10.98 min Scan# 778
Delta R.T. -0.00 min
Lab File: BF080745.D
Acq: 31 Jul 2015 20:54

Instrument :
BNA_F
ClientSampleId :
PB84784BS

Tgt Ion:284 Resp: 233949
Ion Ratio Lower Upper
284 100
142 45.2 39.8 59.6
249 35.8 28.7 43.1

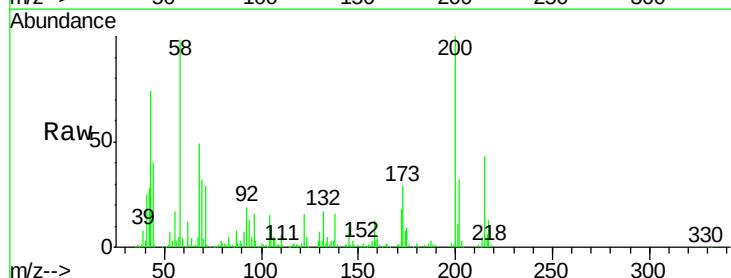


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

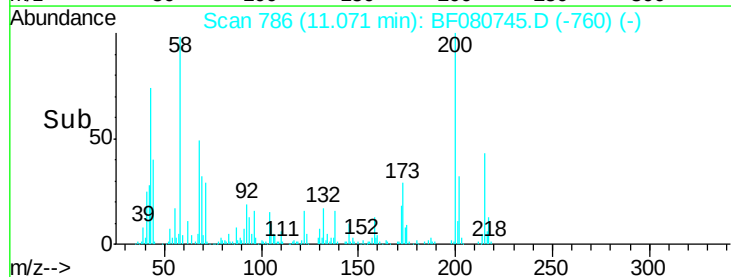
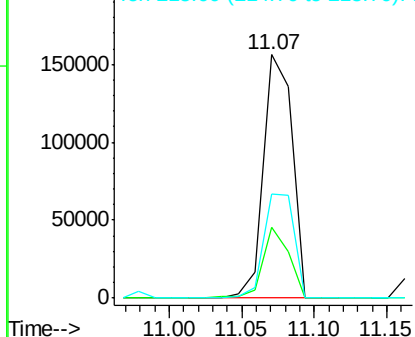


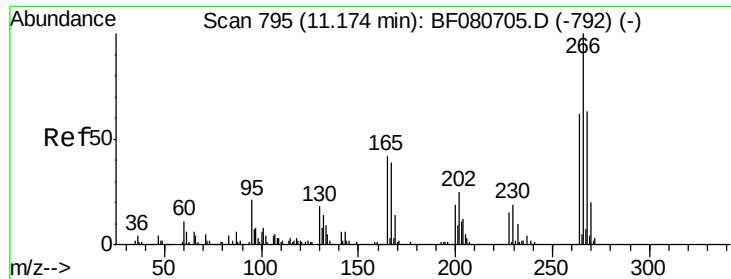
#68
Atrazine
Concen: Below Cal
RT: 11.07 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF080745.D
Acq: 31 Jul 2015 20:54

Tgt Ion:200 Resp: 214105
Ion Ratio Lower Upper
200 100
173 28.9 8.6 48.6
215 43.0 22.2 62.2



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

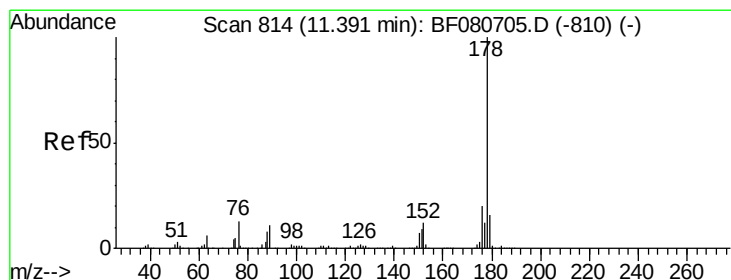
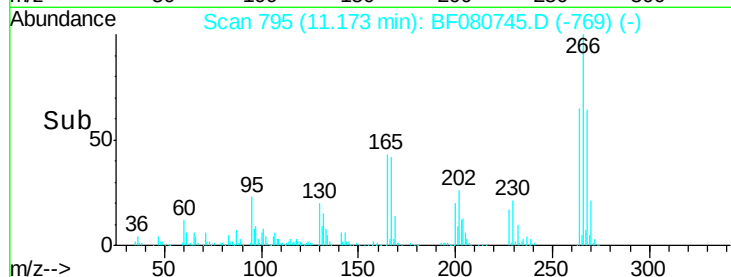
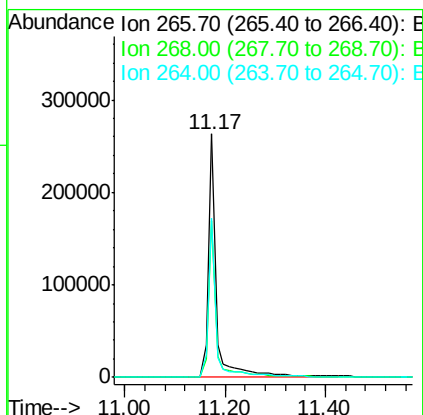
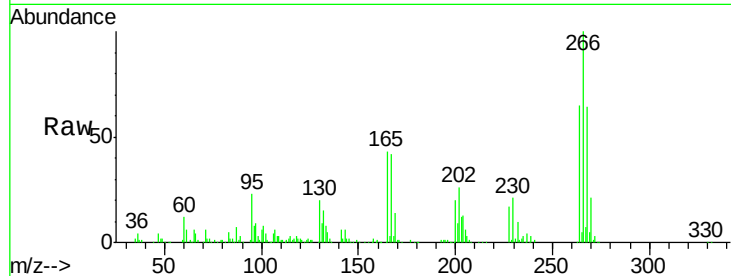




#69
 Pentachlorophenol
 Concen: 85.31 ng
 RT: 11.17 min Scan# 795
 Delta R.T. 0.00 min
 Lab File: BF080745.D
 Acq: 31 Jul 2015 20:54

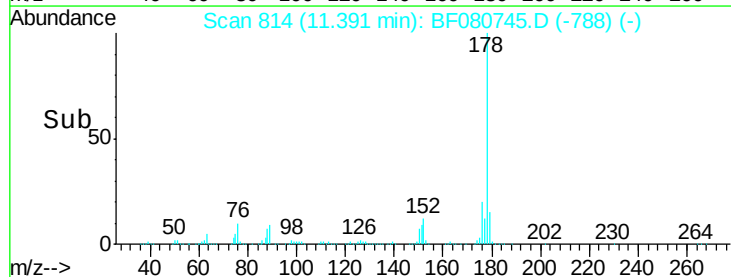
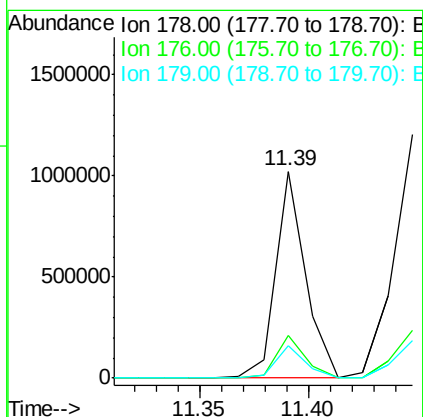
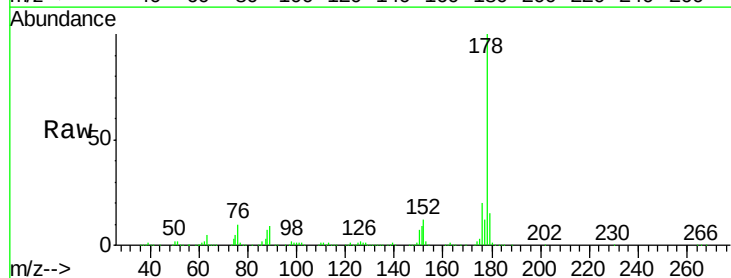
Instrument :
 BNA_F
 ClientSampleId :
 PB84784BS

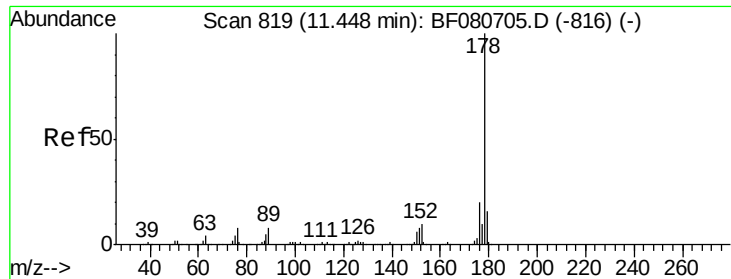
Tgt Ion:266 Resp: 295495
 Ion Ratio Lower Upper
 266 100
 268 64.2 50.5 75.7
 264 65.1 50.0 75.0



#70
 Phenanthrene
 Concen: 40.56 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.00 min
 Lab File: BF080745.D
 Acq: 31 Jul 2015 20:54

Tgt Ion:178 Resp: 979985
 Ion Ratio Lower Upper
 178 100
 176 20.5 16.2 24.4
 179 15.5 13.0 19.4

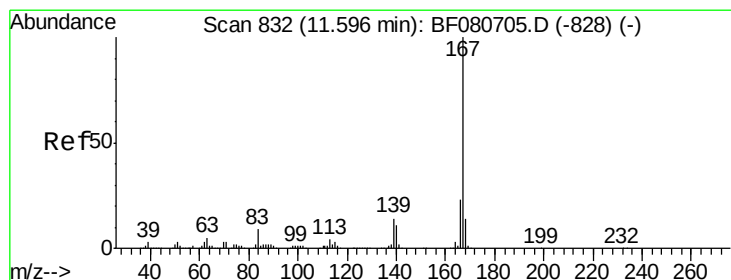
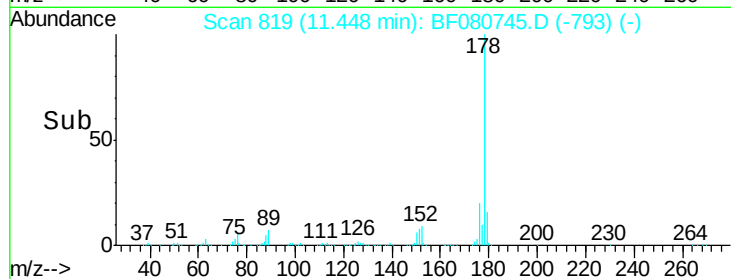
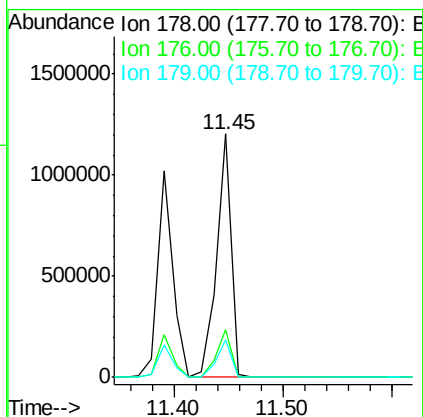
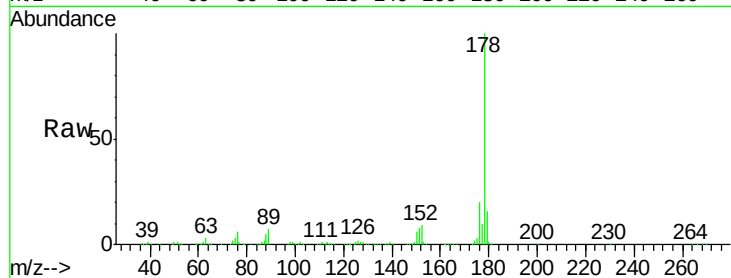




#71
 Anthracene
 Concen: 48.01 ng
 RT: 11.45 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF080745.D
 Acq: 31 Jul 2015 20:54

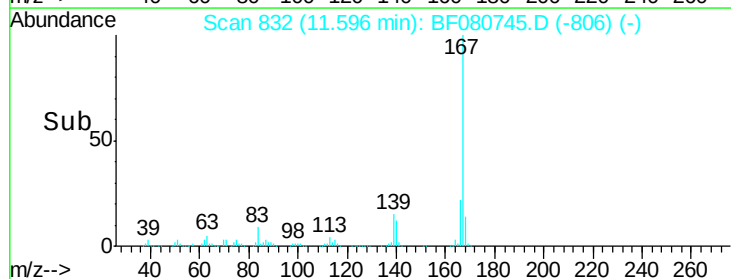
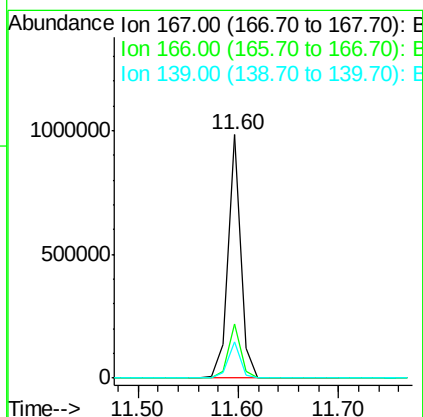
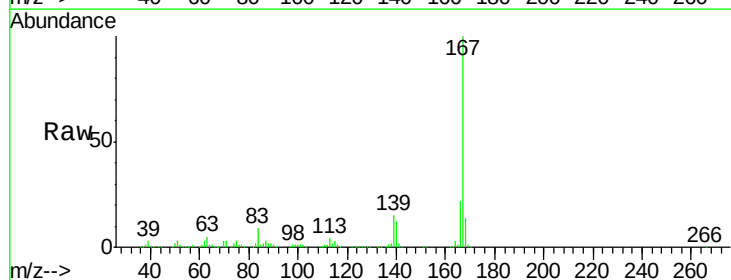
Instrument :
 BNA_F
 ClientSampleId :
 PB84784BS

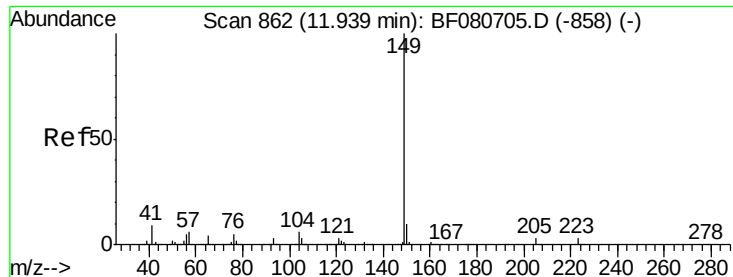
Tgt Ion:178 Resp: 1139898
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.9 23.9
 179 15.7 12.7 19.1



#72
 Carbazole
 Concen: 41.86 ng
 RT: 11.60 min Scan# 832
 Delta R.T. -0.00 min
 Lab File: BF080745.D
 Acq: 31 Jul 2015 20:54

Tgt Ion:167 Resp: 862689
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.2 27.4
 139 14.9 11.5 17.3





#73

Di-n-butylphthalate

Concen: 50.19 ng

RT: 11.94 min Scan# 862

Delta R.T. -0.00 min

Lab File: BF080745.D

Acq: 31 Jul 2015 20:54

Instrument :

BNA_F

ClientSampleId :

PB84784BS

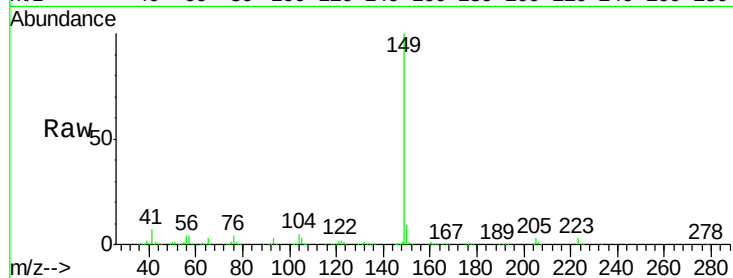
Tgt Ion:149 Resp: 1282618

Ion Ratio Lower Upper

149 100

150 9.1 7.6 11.4

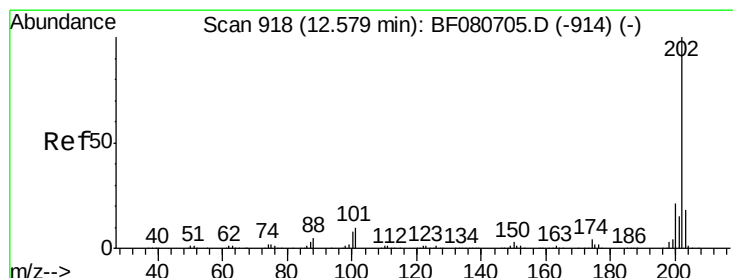
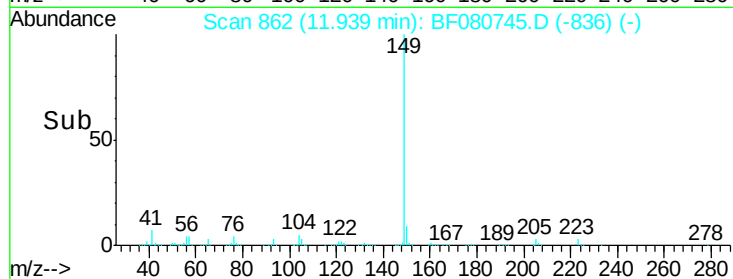
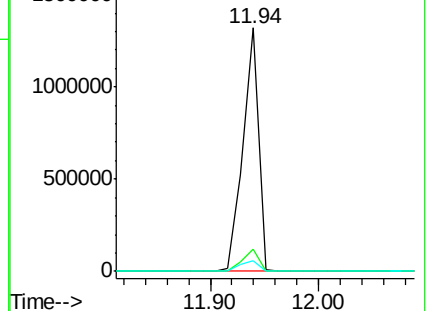
104 4.6 4.4 6.6



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: 48.32 ng

RT: 12.58 min Scan# 918

Delta R.T. -0.00 min

Lab File: BF080745.D

Acq: 31 Jul 2015 20:54

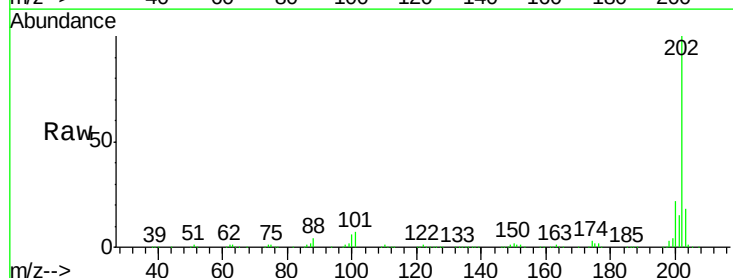
Tgt Ion:202 Resp: 1128822

Ion Ratio Lower Upper

202 100

101 7.0 0.0 29.6

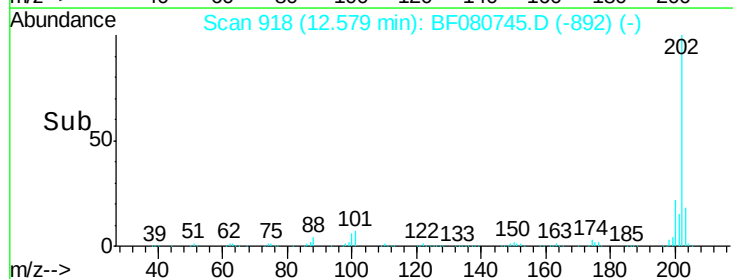
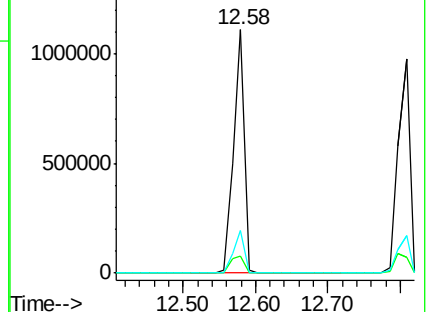
203 17.8 0.0 37.8

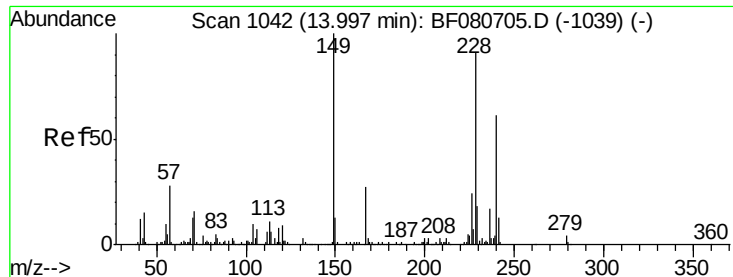


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.00 min Scan# 1042

Delta R.T. -0.00 min

Lab File: BF080745.D

Acq: 31 Jul 2015 20:54

Instrument :

BNA_F

ClientSampleId :

PB84784BS

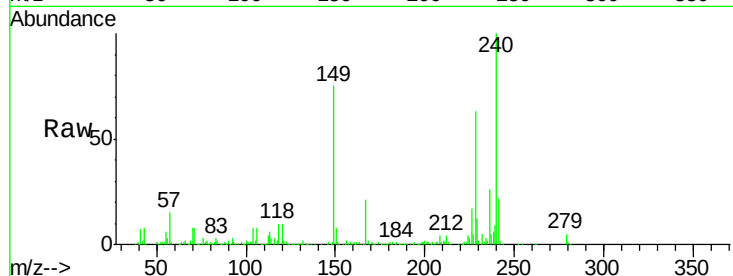
Tgt Ion:240 Resp: 313958

Ion Ratio Lower Upper

240 100

120 10.5 11.8 17.8#

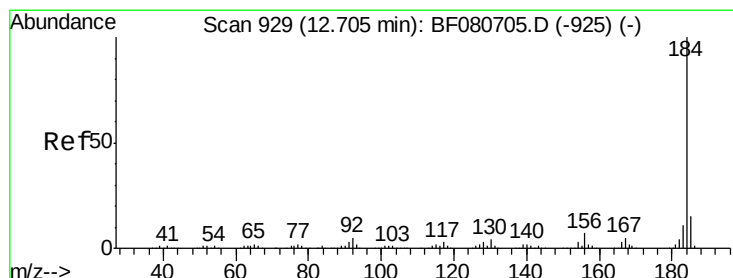
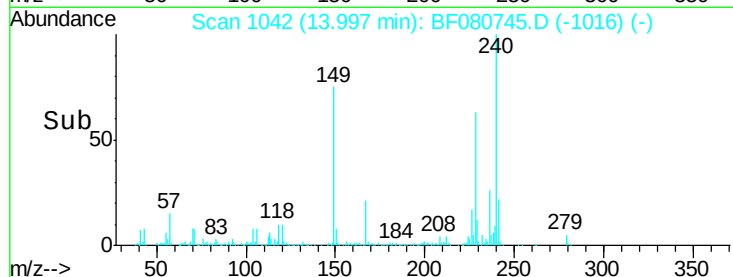
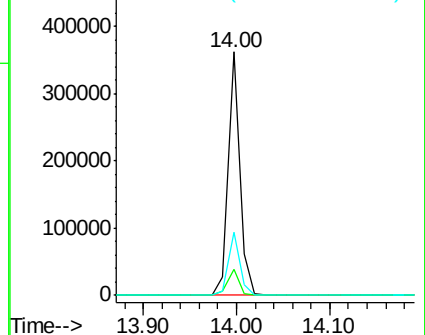
236 26.1 21.8 32.8



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: 39.14 ng

RT: 12.71 min Scan# 929

Delta R.T. 0.00 min

Lab File: BF080745.D

Acq: 31 Jul 2015 20:54

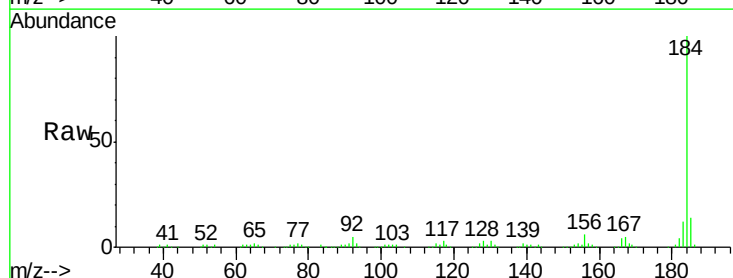
Tgt Ion:184 Resp: 447369

Ion Ratio Lower Upper

184 100

185 14.4 12.0 18.0

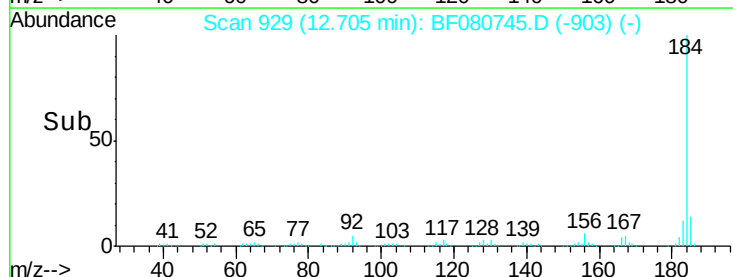
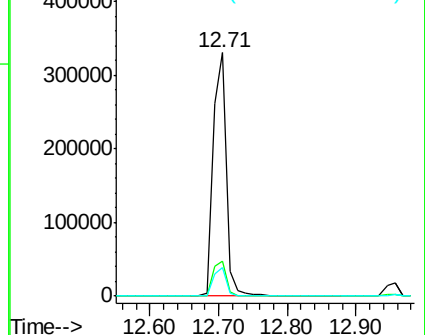
183 11.6 9.1 13.7

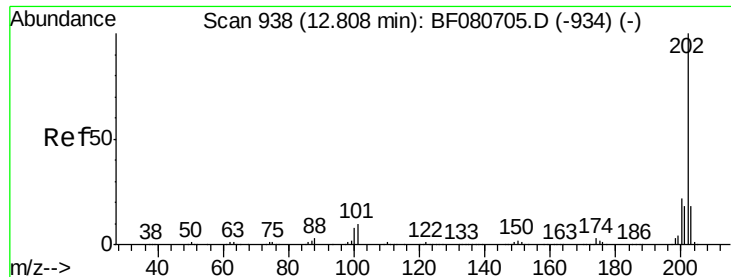


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

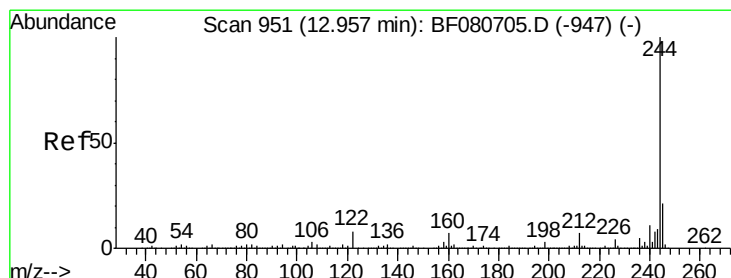
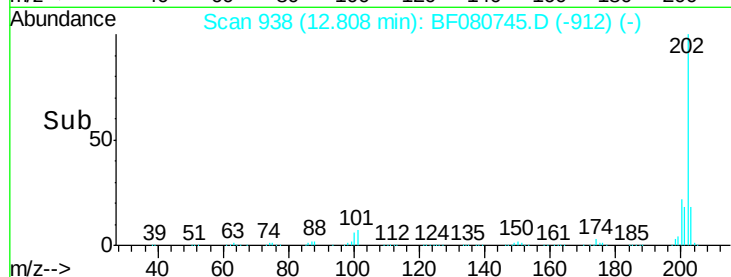
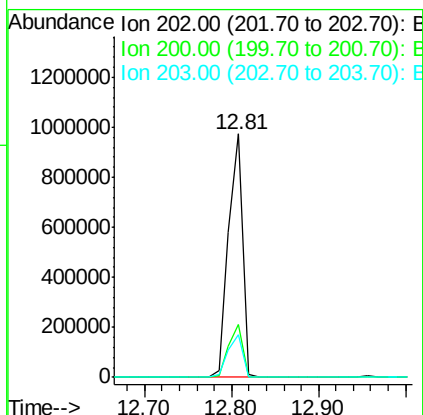
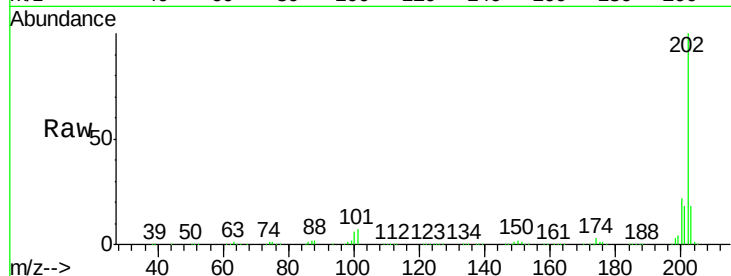




#77
Pyrene
 Concen: 44.98 ng
 RT: 12.81 min Scan# 938
 Delta R.T. -0.00 min
 Lab File: BF080745.D
 Acq: 31 Jul 2015 20:54

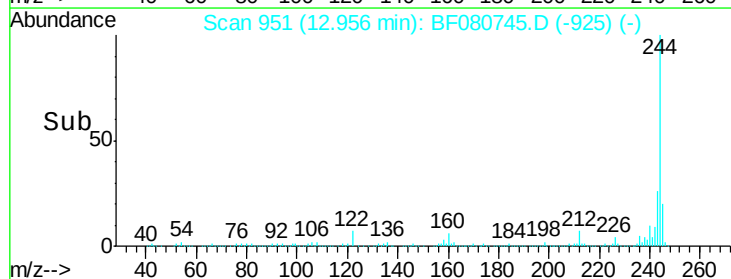
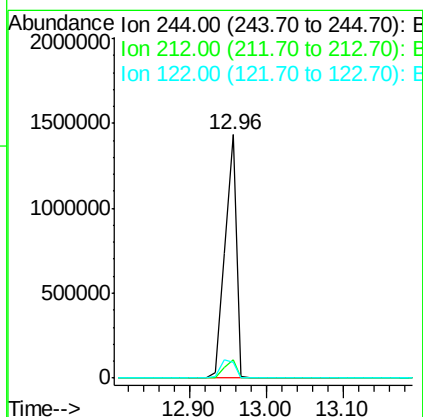
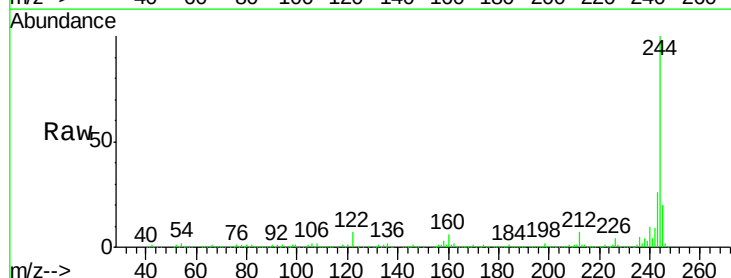
Instrument :
 BNA_F
 ClientSampleId :
 PB84784BS

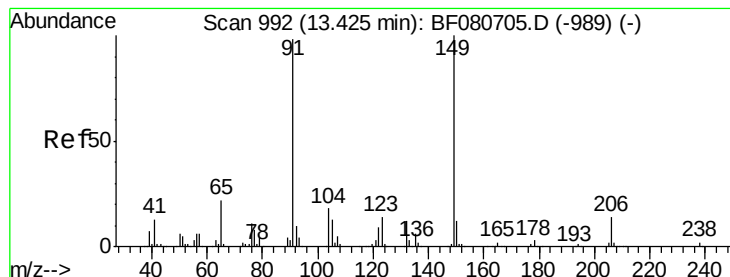
Tgt Ion:202 Resp: 1095181
 Ion Ratio Lower Upper
 202 100
 200 21.6 17.4 26.2
 203 17.5 14.2 21.2



#78
Terphenyl-d14
 Concen: 91.97 ng
 RT: 12.96 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF080745.D
 Acq: 31 Jul 2015 20:54

Tgt Ion:244 Resp: 1526690
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 6.5 6.6 9.8#





#79

Butylbenzylphthalate

Concen: 40.64 ng

RT: 13.43 min Scan# 992

Delta R.T. 0.00 min

Lab File: BF080745.D

Acq: 31 Jul 2015 20:54

Instrument :

BNA_F

ClientSampleId :

PB84784BS

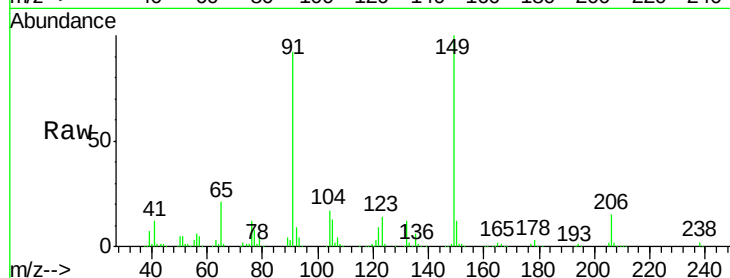
Tgt Ion:149 Resp: 408780

Ion Ratio Lower Upper

149 100

91 92.5 78.6 118.0

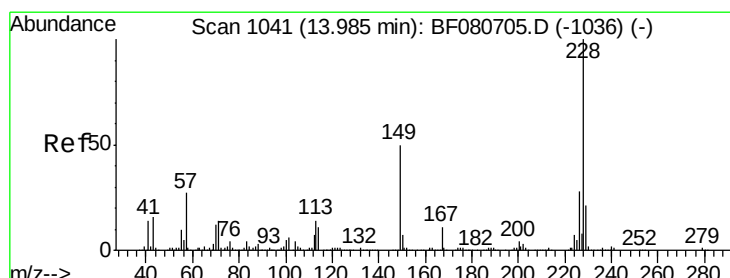
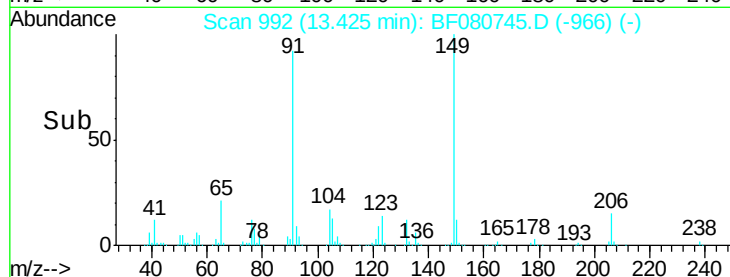
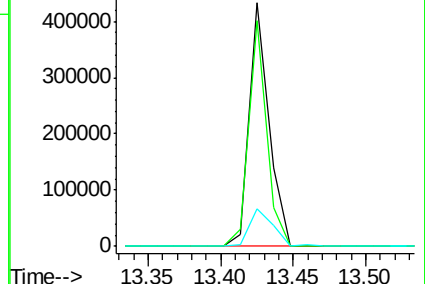
206 15.4 11.4 17.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 40.73 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF080745.D

Acq: 31 Jul 2015 20:54

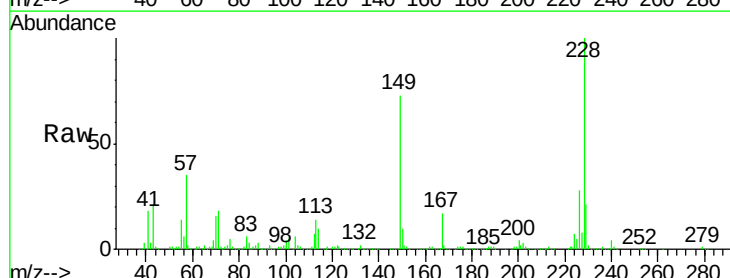
Tgt Ion:228 Resp: 769085

Ion Ratio Lower Upper

228 100

226 28.4 22.6 33.8

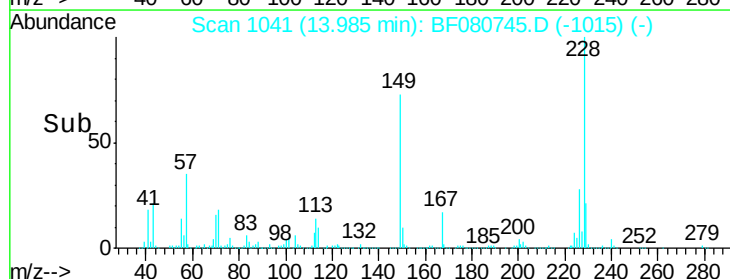
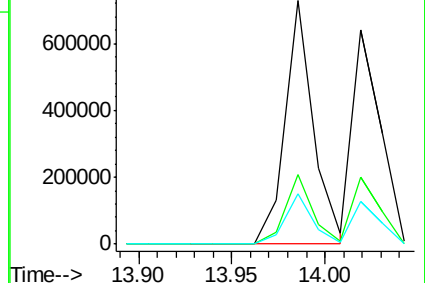
229 20.6 16.6 25.0

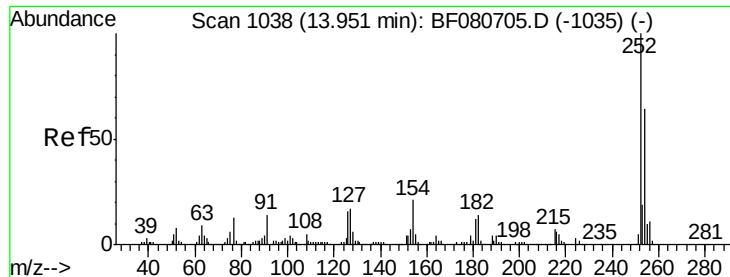


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

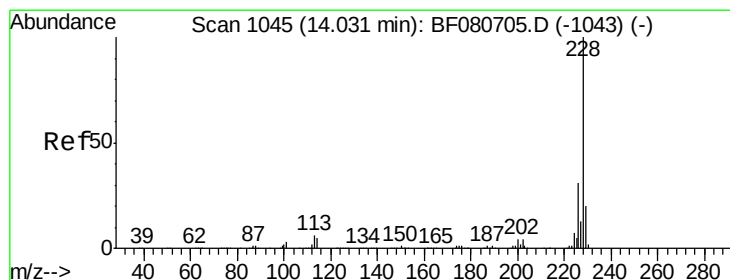
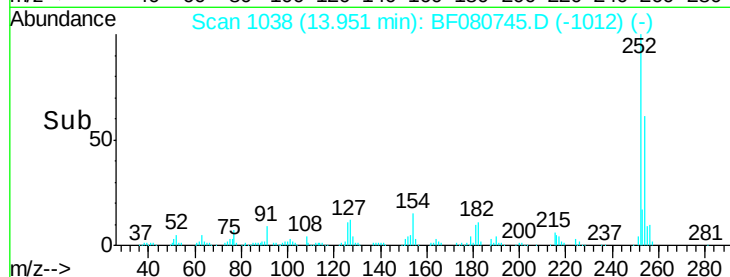
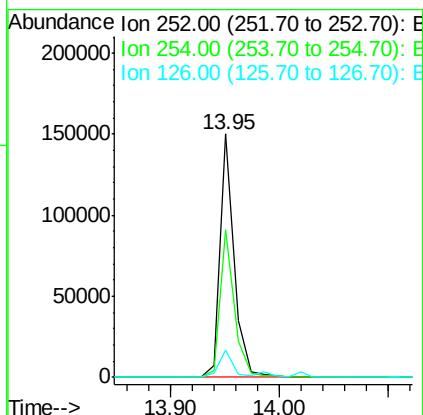
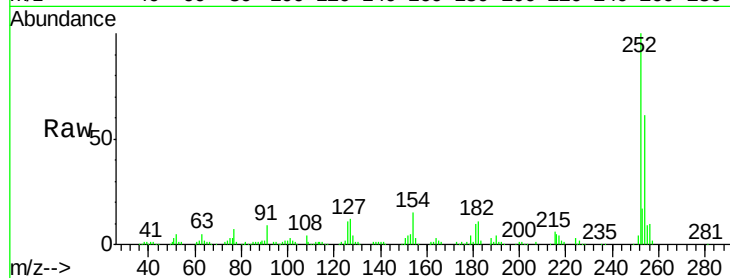




#81
 3,3'-Dichlorobenzidine
 Concen: 21.34 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BF080745.D
 Acq: 31 Jul 2015 20:54

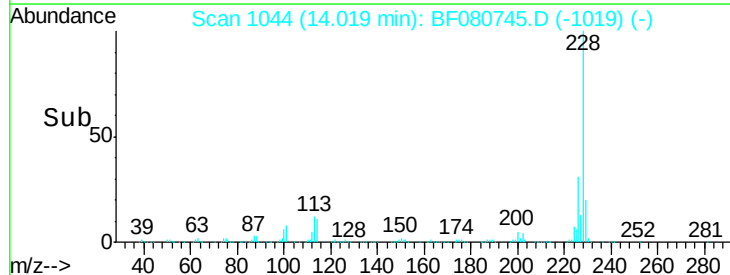
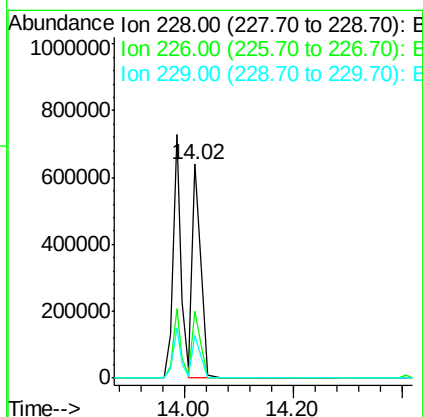
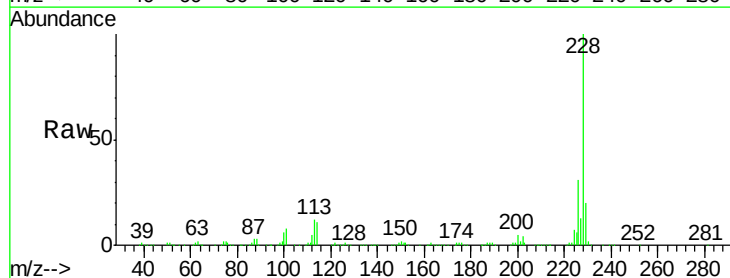
Instrument :
 BNA_F
 ClientSampleId :
 PB84784BS

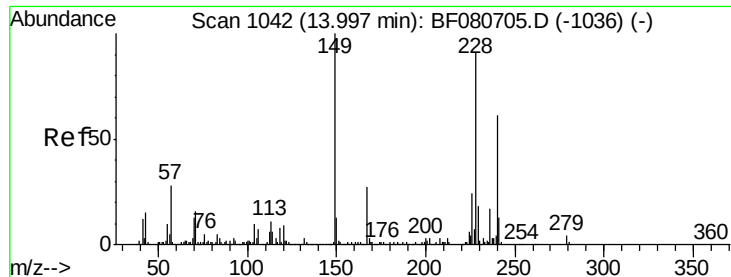
Tgt Ion	Ratio	Lower	Upper
252	100		
254	60.8	51.0	76.4
126	11.3	13.2	19.8#



#82
 Chrysene
 Concen: 37.53 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. -0.01 min
 Lab File: BF080745.D
 Acq: 31 Jul 2015 20:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.1	37.7
229	19.9	15.8	23.8





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.86 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF080745.D

Acq: 31 Jul 2015 20:54

Instrument :

BNA_F

ClientSampleId :

PB84784BS

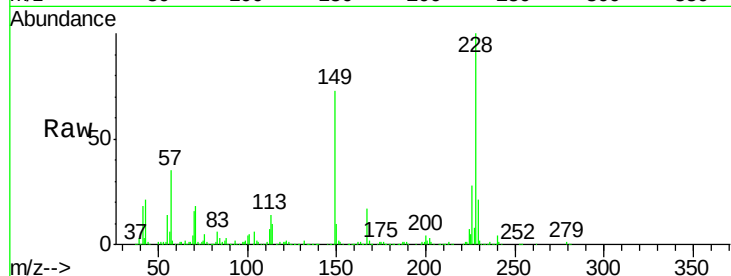
Tgt Ion:149 Resp: 568072

Ion Ratio Lower Upper

149 100

167 23.8 21.8 32.8

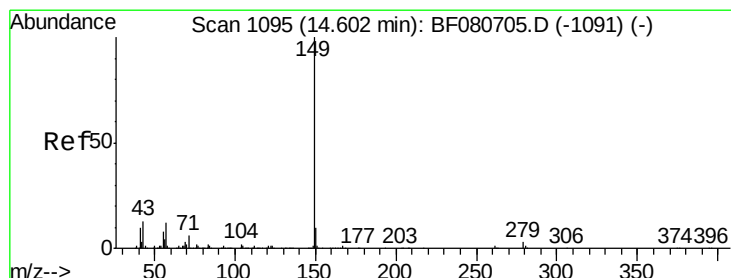
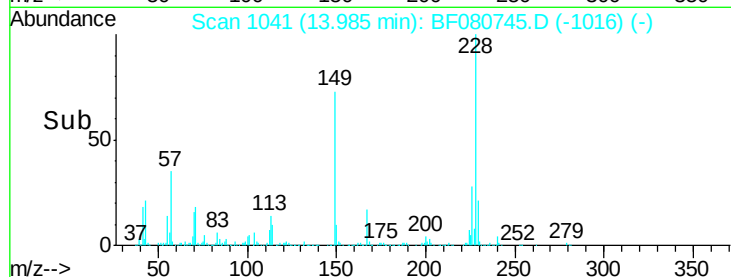
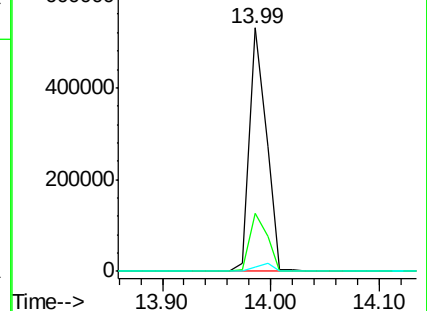
279 1.9 3.4 5.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 44.74 ng

RT: 14.60 min Scan# 1095

Delta R.T. 0.00 min

Lab File: BF080745.D

Acq: 31 Jul 2015 20:54

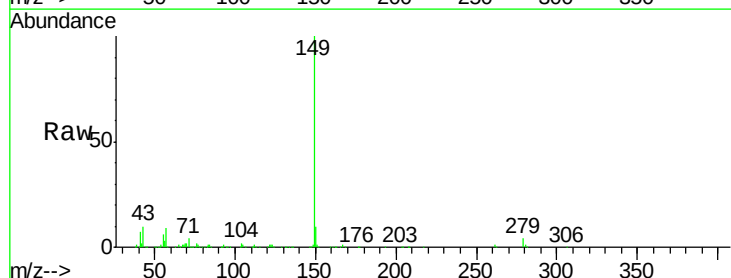
Tgt Ion:149 Resp: 909488

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

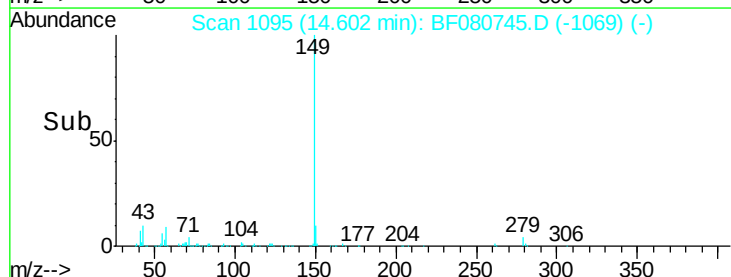
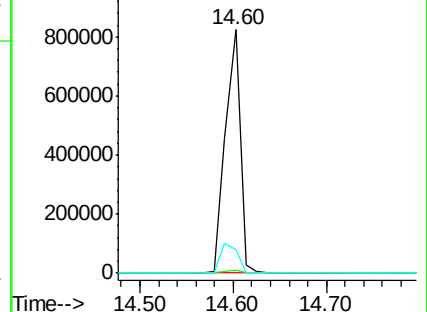
43 14.4 12.2 18.4

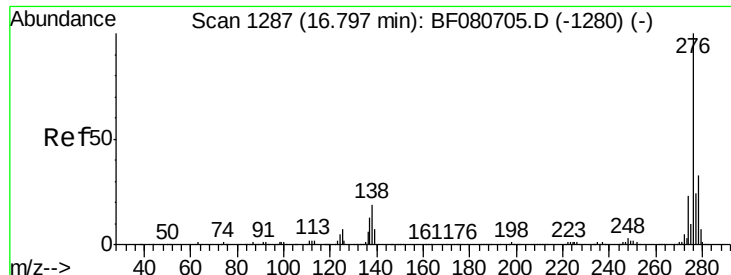


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 41.65 ng

RT: 16.80 min Scan# 1287

Delta R.T. 0.00 min

Lab File: BF080745.D

Acq: 31 Jul 2015 20:54

Instrument :

BNA_F

ClientSampleId :

PB84784BS

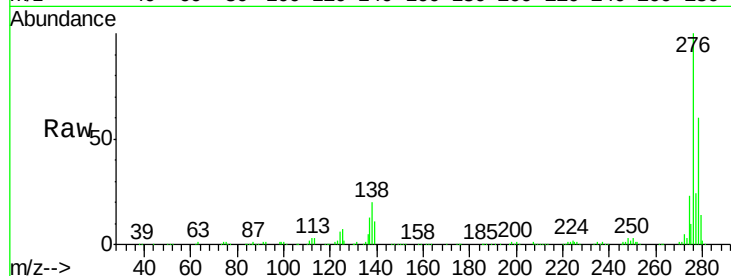
Tgt Ion:276 Resp: 684898

Ion Ratio Lower Upper

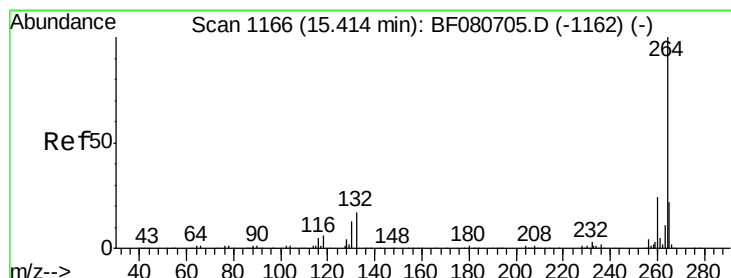
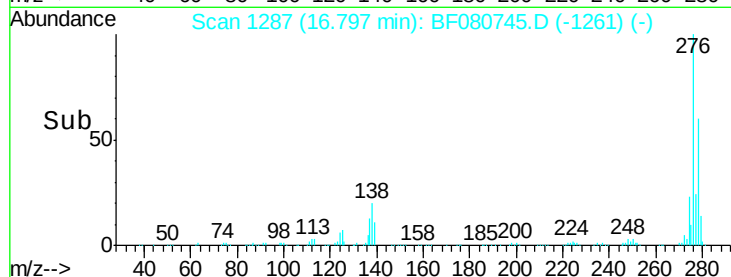
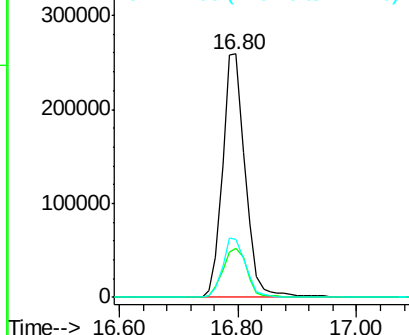
276 100

138 21.7 13.2 19.8#

277 24.9 15.4 23.2#



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.41 min Scan# 1166

Delta R.T. -0.00 min

Lab File: BF080745.D

Acq: 31 Jul 2015 20:54

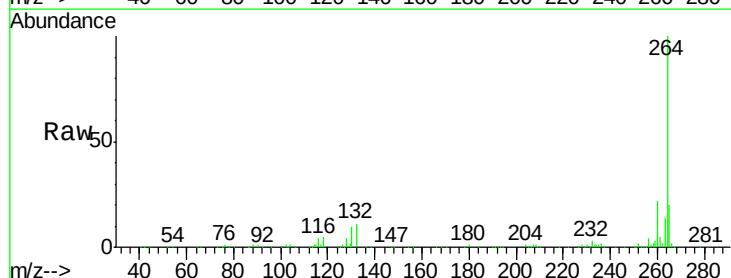
Tgt Ion:264 Resp: 267304

Ion Ratio Lower Upper

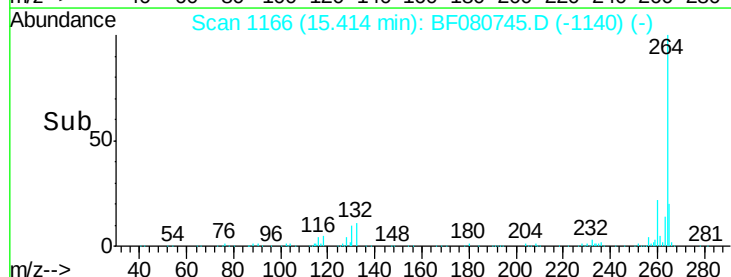
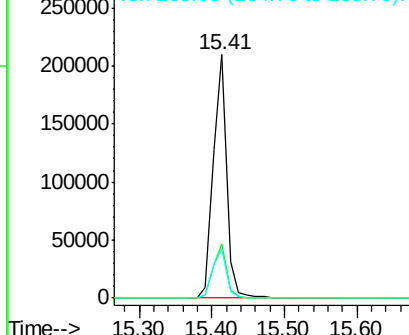
264 100

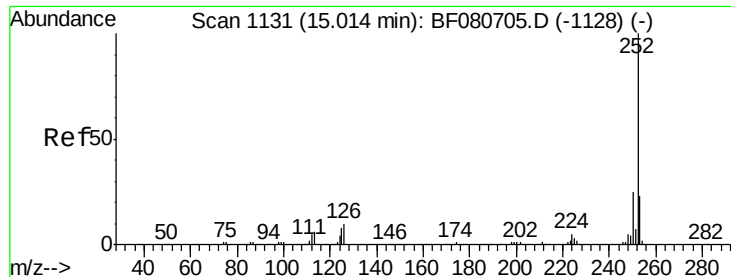
260 22.4 19.4 29.0

265 20.1 17.3 25.9



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





#87

Benzo(b)fluoranthene

Concen: 45.48 ng

RT: 15.00 min Scan# 1130

Delta R.T. -0.01 min

Lab File: BF080745.D

Acq: 31 Jul 2015 20:54

Instrument :

BNA_F

ClientSampleId :

PB84784BS

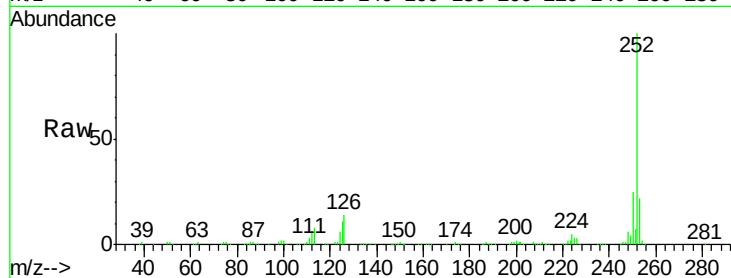
Tgt Ion:252 Resp: 726250

Ion Ratio Lower Upper

252 100

253 21.8 18.1 27.1

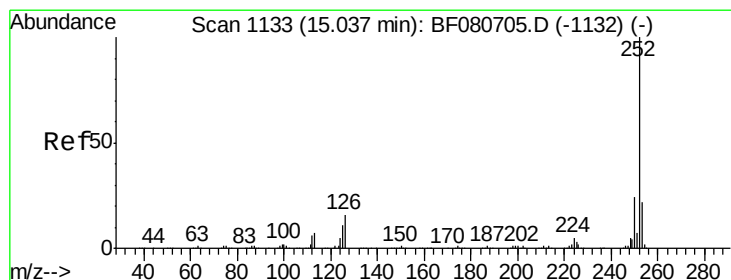
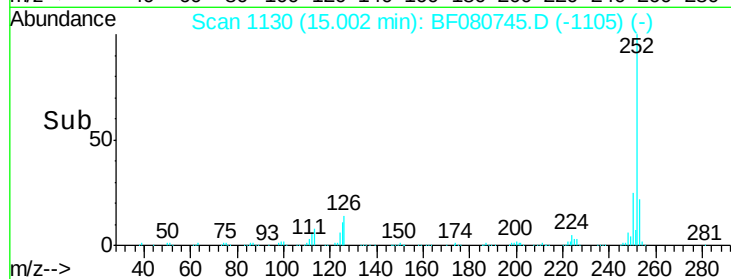
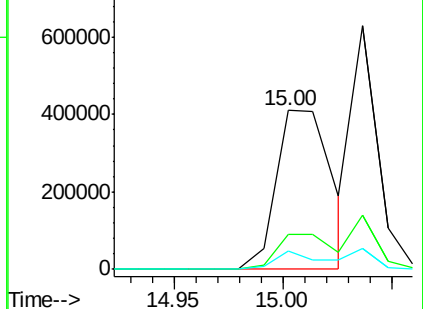
125 11.2 6.2 9.2#



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: 55.27 ng

RT: 15.00 min Scan# 1130

Delta R.T. -0.03 min

Lab File: BF080745.D

Acq: 31 Jul 2015 20:54

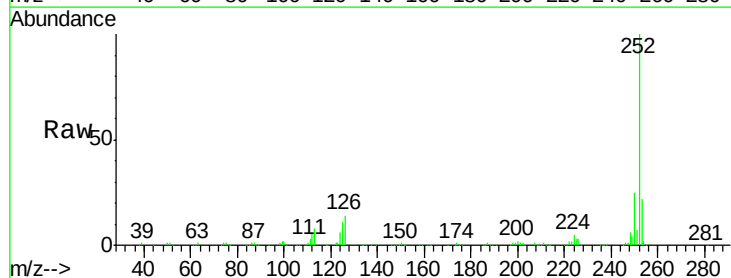
Tgt Ion:252 Resp: 726250

Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.6

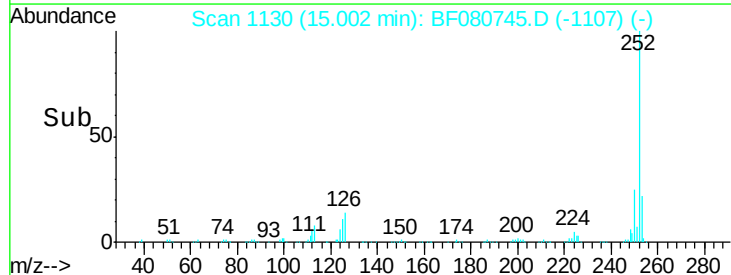
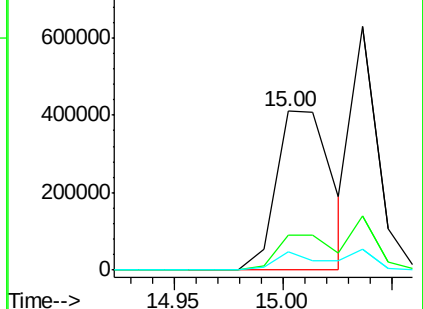
125 11.2 9.0 13.4

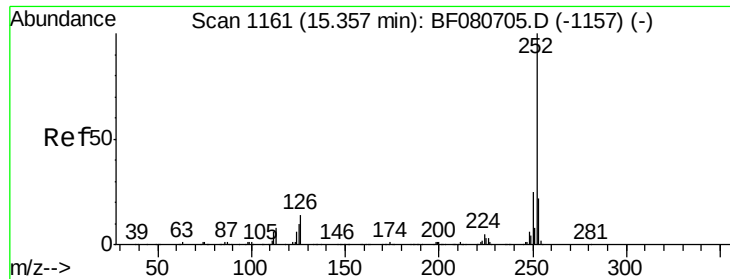


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 46.14 ng

RT: 15.36 min Scan# 1161

Delta R.T. -0.00 min

Lab File: BF080745.D

Acq: 31 Jul 2015 20:54

Instrument :

BNA_F

ClientSampleId :

PB84784BS

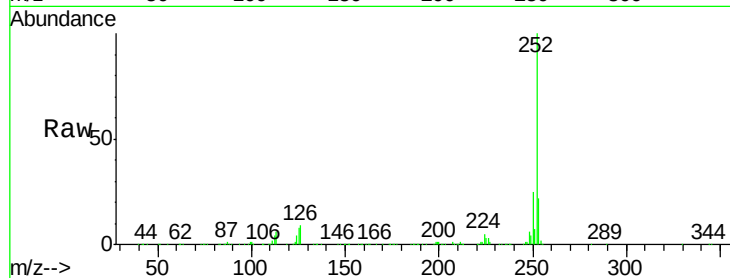
Tgt Ion:252 Resp: 604842

Ion Ratio Lower Upper

252 100

253 21.8 17.2 25.8

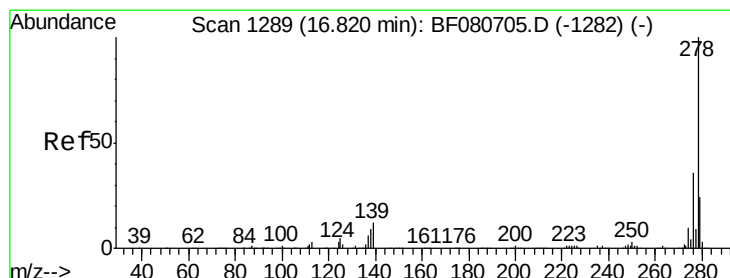
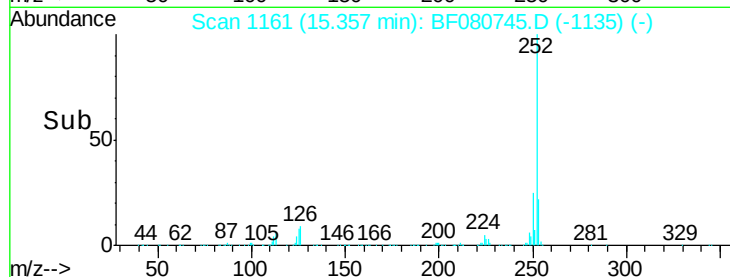
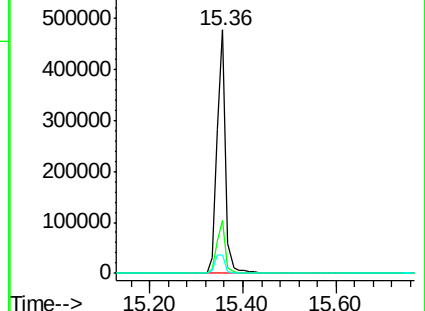
125 7.6 8.2 12.4#



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: 49.80 ng

RT: 16.81 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF080745.D

Acq: 31 Jul 2015 20:54

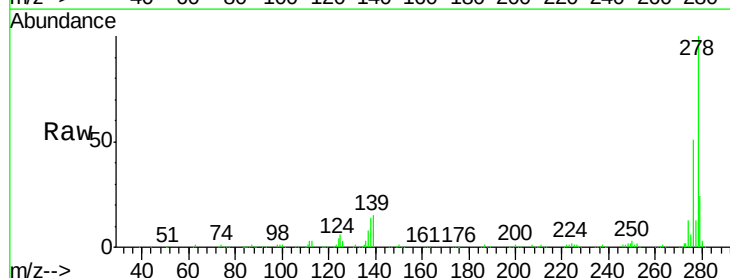
Tgt Ion:278 Resp: 584337

Ion Ratio Lower Upper

278 100

139 14.6 9.8 14.8

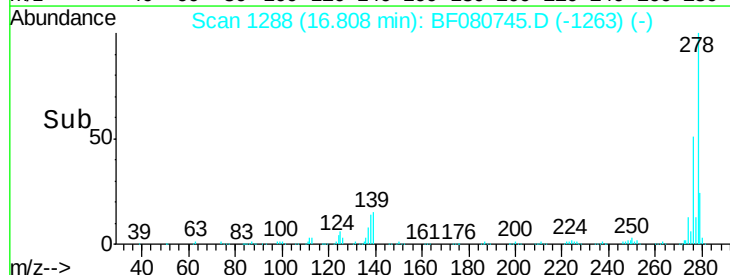
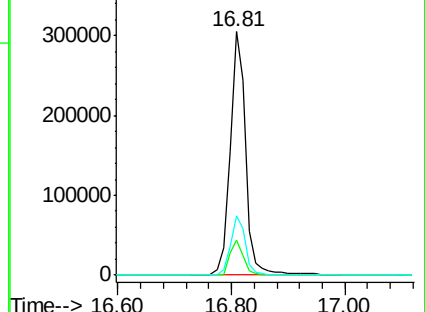
279 24.2 19.4 29.2

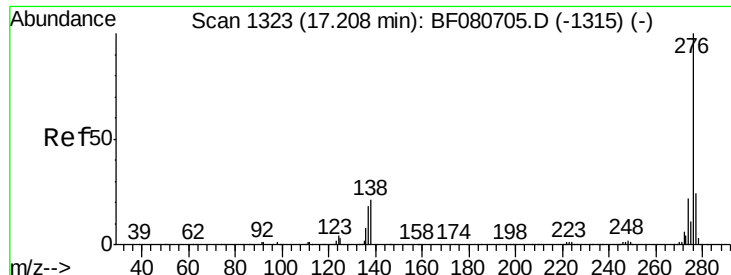


Abundance Ion 278.00 (277.70 to 278.70): E

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: 50.19 ng

RT: 17.21 min Scan# 1323

Delta R.T. -0.00 min

Lab File: BF080745.D

Acq: 31 Jul 2015 20:54

Instrument :

BNA_F

ClientSampleId :

PB84784BS

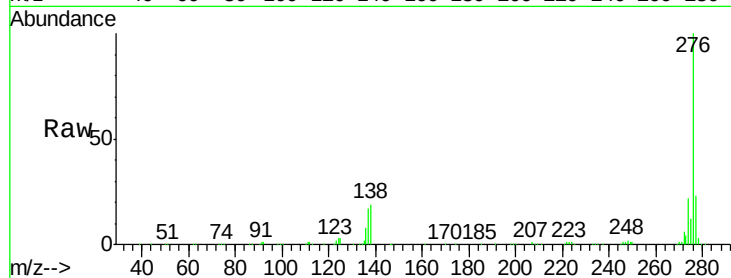
Tgt Ion: 276 Resp: 579513

Ion Ratio Lower Upper

276 100

277 23.0 18.9 28.3

138 19.2 16.9 25.3



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

