

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101415\
 Data File : BF082254.D
 Acq On : 13 Oct 2015 15:12
 Operator : UM/IZ
 Sample : PB86065BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86065BS

Quant Time: Oct 14 01:16:33 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 14 01:15:23 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	74878	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	297964	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	156240	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	308611	20.00	ng	0.00
75) Chrysene-d12	14.18	240	298964	20.00	ng	0.05
86) Perylene-d12	15.83	264	290150	20.00	ng	0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	315955	85.16	ng	0.01
7) Phenol-d6	6.47	99	410318	84.99	ng	0.00
23) Nitrobenzene-d5	7.39	82	359352	80.99	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	120193	82.03	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	749638	79.57	ng	0.00
78) Terphenyl-d14	13.01	244	867252	76.87	ng	0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.46	88	55282	29.66	ng	95
3) Pyridine	3.18	79	144393	33.30	ng	98
4) n-Nitrosodimethylamine	3.13	42	65696	35.73	ng	98
6) Aniline	6.49	93	126859	20.38	ng	97
8) 2-Chlorophenol	6.62	128	170226	37.58	ng	99
9) Benzaldehyde	6.38	77	118633	48.12	ng	97
10) Phenol	6.48	94	227339	40.84	ng	96
11) bis(2-Chloroethyl)ether	6.57	93	168391	35.77	ng	95
12) 1,3-Dichlorobenzene	6.77	146	197744	37.49	ng	98
13) 1,4-Dichlorobenzene	6.85	146	201457	36.57	ng	99
14) 1,2-Dichlorobenzene	6.99	146	181211	34.64	ng	98
15) Benzyl Alcohol	6.97	79	133751	40.13	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.11	45	238166	36.33	ng	99
17) 2-Methylphenol	7.10	107	142894	39.90	ng	99
18) Hexachloroethane	7.34	117	67841	35.98	ng	99
19) n-Nitroso-di-n-propylamine	7.25	70	115303	34.01	ng	# 87
20) 3+4-Methylphenols	7.25	107	171489	40.18	ng	96
22) Acetophenone	7.25	105	232379	39.42	ng	# 96
24) Nitrobenzene	7.42	77	174581	36.35	ng	96
25) Isophorone	7.66	82	330626	36.92	ng	98
26) 2-Nitrophenol	7.74	139	99440	41.47	ng	98
27) 2,4-Dimethylphenol	7.78	122	154352	39.95	ng	92
28) bis(2-Chloroethoxy)methane	7.87	93	208790	40.07	ng	99
29) 2,4-Dichlorophenol	7.98	162	158341	41.00	ng	97
30) 1,2,4-Trichlorobenzene	8.06	180	160962	36.16	ng	99
31) Naphthalene	8.14	128	476157	36.86	ng	100
32) Benzoic acid	7.90	122	70113	27.04	ng	97
33) 4-Chloroaniline	8.19	127	80714	15.05	ng	99
34) Hexachlorobutadiene	8.25	225	94816	34.18	ng	99
35) Caprolactam	8.57	113	49523	44.18	ng	91
36) 4-Chloro-3-methylphenol	8.69	107	163586	43.31	ng	91
37) 2-Methylnaphthalene	8.83	142	366463	40.93	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	161499	34.75	ng	97
40) Hexachlorocyclopentadiene	8.98	237	147059	64.35	ng	98

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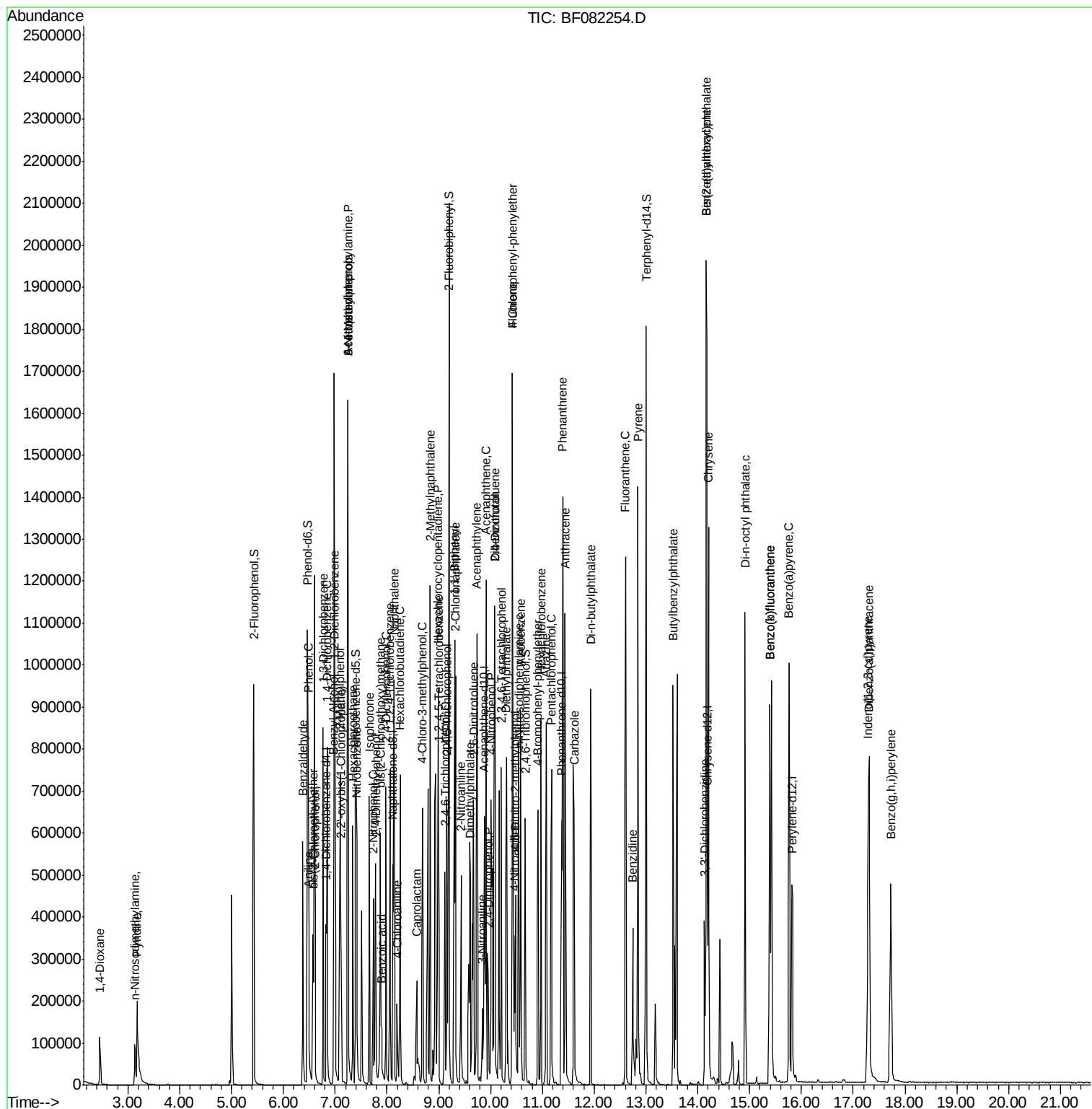
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	113176	36.67	nq	98
43) 2,4,5-Trichlorophenol	9.15	196	125726	37.60	nq	# 92
45) 1,1'-Biphenyl	9.30	154	437292	36.70	nq	95
46) 2-Chloronaphthalene	9.33	162	346499	36.94	nq	98
47) 2-Nitroaniline	9.43	65	105691	41.05	nq	# 84
48) Acenaphthylene	9.74	152	512438	35.07	nq	99
49) Dimethylphthalate	9.61	163	401652	36.51	nq	# 97
50) 2,6-Dinitrotoluene	9.67	165	89456	38.53	nq	# 83
51) Acenaphthene	9.91	154	315284	35.95	nq	99
52) 3-Nitroaniline	9.84	138	44633	17.02	nq	94
53) 2,4-Dinitrophenol	9.95	184	79561	62.82	nq	# 84
54) Dibenzofuran	10.08	168	464448	38.57	nq	96
55) 4-Nitrophenol	10.01	139	124986	71.91	nq	89
56) 2,4-Dinitrotoluene	10.08	165	120017	41.36	nq	91
57) Fluorene	10.42	166	375352	37.95	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.21	232	109540	40.10	nq	97
59) Diethylphthalate	10.31	149	400767	39.08	nq	98
60) 4-Chlorophenyl-phenylether	10.42	204	188988	41.71	nq	89
61) 4-Nitroaniline	10.46	138	93185	36.64	nq	98
62) Azobenzene	10.58	77	397185	39.57	nq	92
64) 4,6-Dinitro-2-methylphenol	10.48	198	58900	34.01	nq	# 70
65) n-Nitrosodiphenylamine	10.55	169	339325	36.72	nq	100
66) 4-Bromophenyl-phenylether	10.91	248	120173	38.91	nq	# 89
67) Hexachlorobenzene	10.97	284	115855	34.68	nq	# 70
68) Atrazine	11.07	200	116598	39.83	nq	99
69) Pentachlorophenol	11.18	266	132407	77.03	nq	99
70) Phenanthrene	11.39	178	612594	40.50	nq	99
71) Anthracene	11.44	178	601499	38.59	nq	99
72) Carbazole	11.61	167	544682	38.30	nq	98
73) Di-n-butylphthalate	11.93	149	614383	35.02	nq	100
74) Fluoranthene	12.61	202	668024	41.12	nq	99
76) Benzidine	12.74	184	236395	27.29	nq	98
77) Pyrene	12.85	202	664575	37.46	nq	99
79) Butylbenzylphthalate	13.52	149	276016	34.09	nq	96
80) Benzo(a)anthracene	14.16	228	594985	38.25	nq	99
81) 3,3'-Dichlorobenzidine	14.13	252	113063	19.15	nq	99
82) Chrysene	14.21	228	579716	35.37	nq	99
83) Bis(2-ethylhexyl)phthalate	14.16	149	355974	30.82	nq	# 96
84) Di-n-octyl phthalate	14.92	149	646823	32.60	nq	99
85) Indeno(1,2,3-cd)pyrene	17.29	276	541269	41.55	nq	100
87) Benzo(b)fluoranthene	15.40	252	601660	34.08	nq	# 97
88) Benzo(k)fluoranthene	15.40	252	601660	40.55	nq	99
89) Benzo(a)pyrene	15.76	252	562789	37.10	nq	98
90) Dibenzo(a,h)anthracene	17.30	278	450711	36.25	nq	99
91) Benzo(g,h,i)perylene	17.73	276	425084	35.20	nq	98

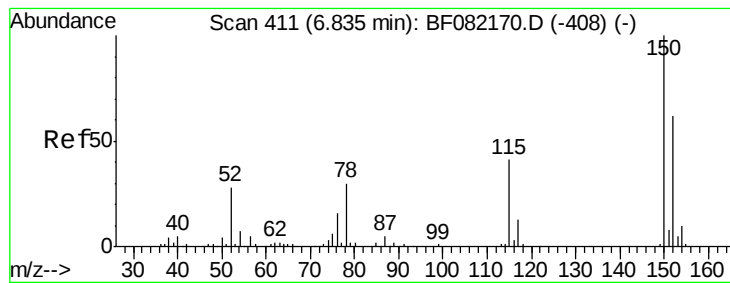
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 410

Delta R.T. -0.00 min

Lab File: BF082254.D

Acq: 13 Oct 2015 15:12

Instrument :

BNA_F

ClientSampleId :

PB86065BS

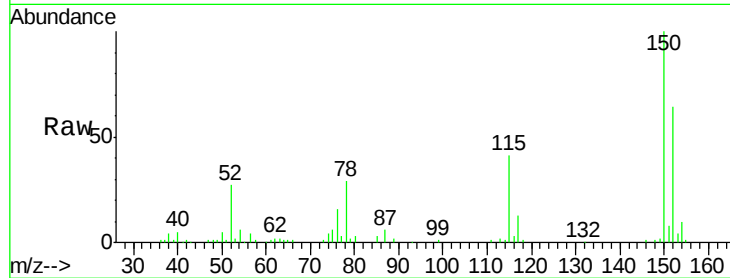
Tot Ion:152 Resp: 74878

Ion Ratio Lower Upper

152 100

150 156.1 129.0 193.4

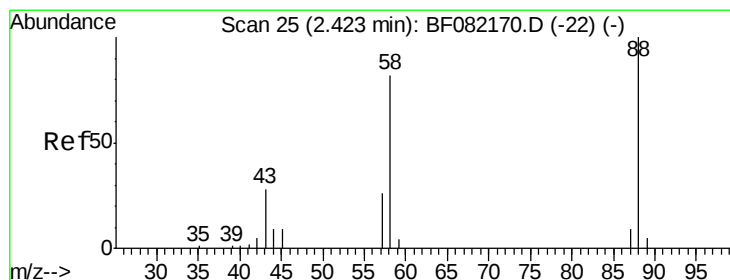
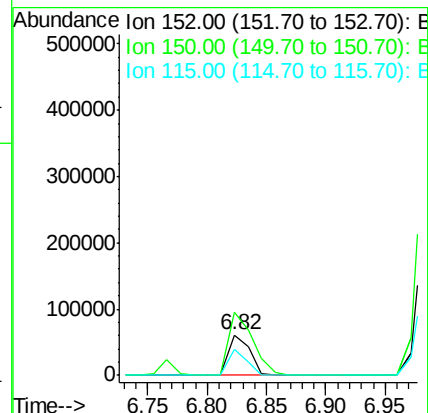
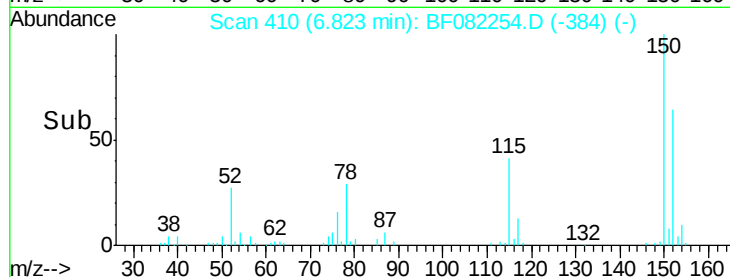
115 64.2 52.1 78.1



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: 29.66 ng

RT: 2.46 min Scan# 28

Delta R.T. 0.08 min

Lab File: BF082254.D

Acq: 13 Oct 2015 15:12

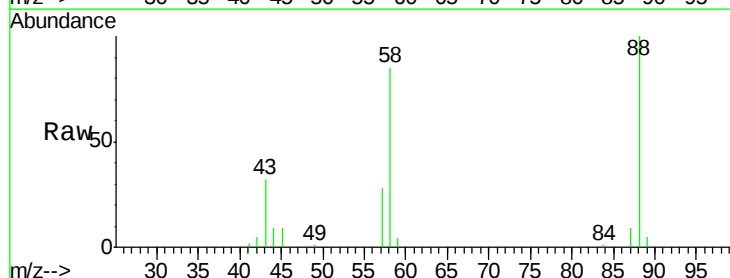
Tgt Ion: 88 Resp: 55282

Ion Ratio Lower Upper

88 100

58 87.4 66.2 99.4

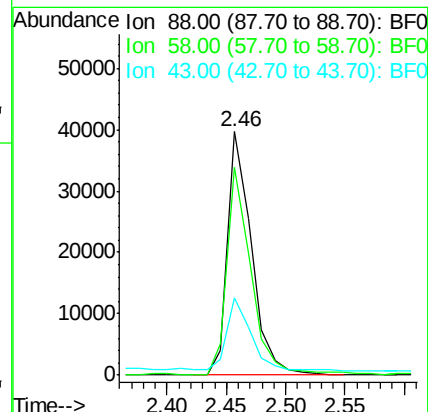
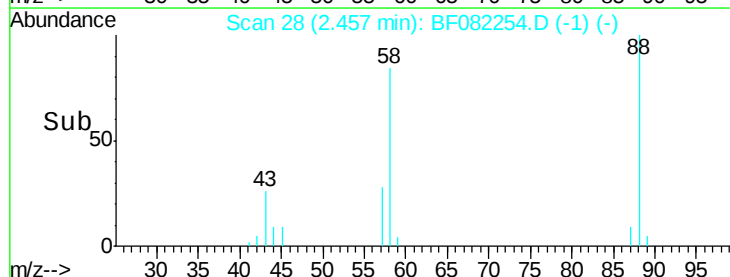
43 31.0 23.0 34.4

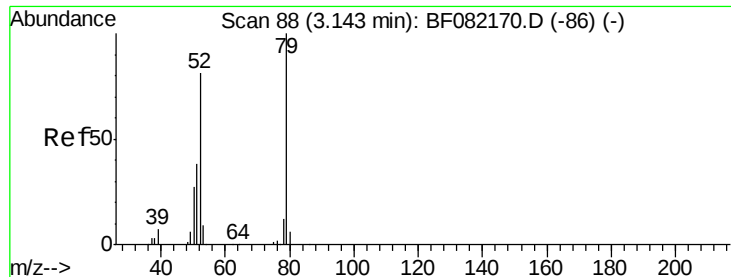


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

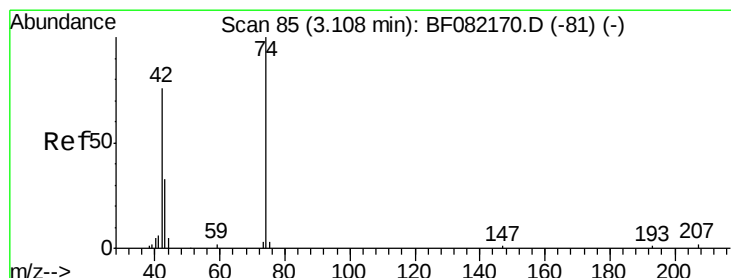
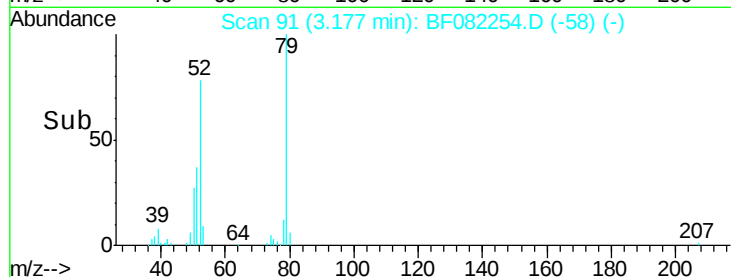
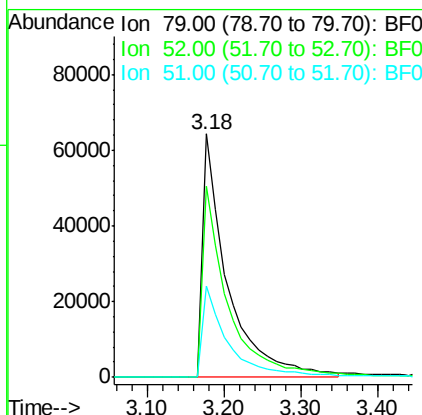
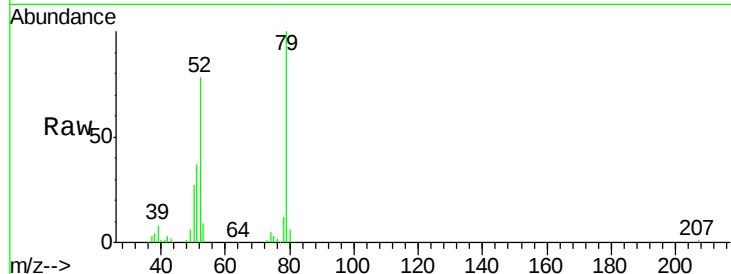




#3
 Pvridine
 Concen: 33.30 ng
 RT: 3.18 min Scan# 91
 Delta R.T. 0.08 min
 Lab File: BF082254.D
 Acq: 13 Oct 2015 15:12

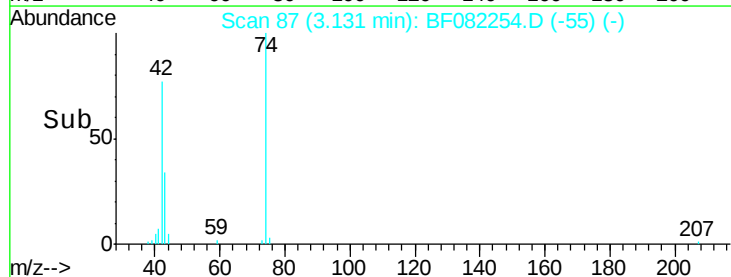
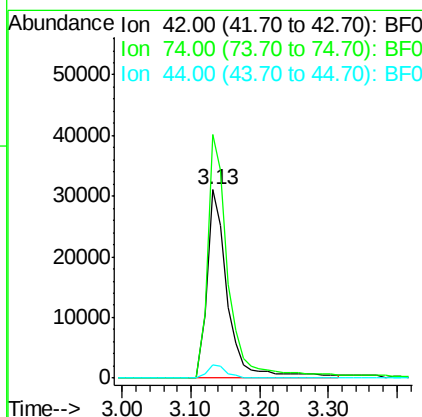
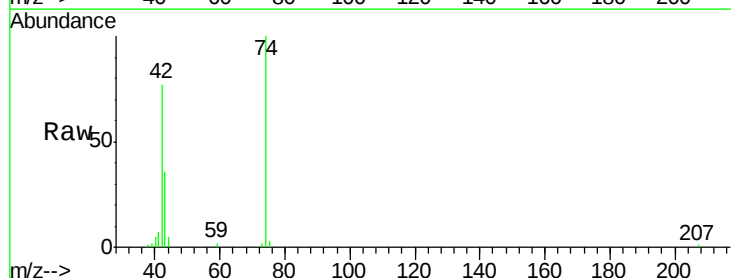
Instrument :
 BNA_F
 ClientSampleId :
 PB86065BS

Tot Ion: 79 Resp: 144393
 Ion Ratio Lower Upper
 79 100
 52 78.4 64.4 96.6
 51 37.4 30.5 45.7



#4
 n-Nitrosodimethylamine
 Concen: 35.73 ng
 RT: 3.13 min Scan# 87
 Delta R.T. 0.07 min
 Lab File: BF082254.D
 Acq: 13 Oct 2015 15:12

Tgt Ion: 42 Resp: 65696
 Ion Ratio Lower Upper
 42 100
 74 129.2 105.7 158.5
 44 6.9 5.4 8.2





#5

2-Fluorophenol

Concen: 85.16 ng

RT: 5.43 min Scan# 288

Delta R.T. 0.01 min

Lab File: BF082254.D

Acq: 13 Oct 2015 15:12

Instrument :

BNA_F

ClientSampleId :

PB86065BS

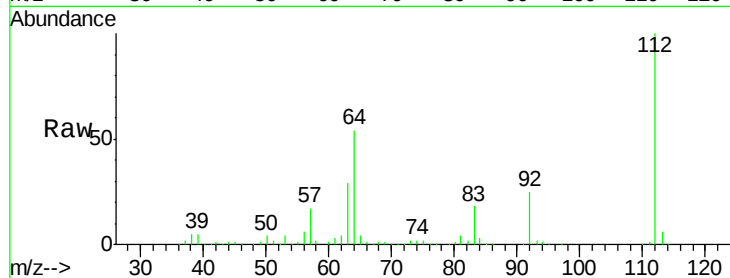
Tot Ion: 112 Resp: 315955

Ion Ratio Lower Upper

112 100

64 54.0 48.6 73.0

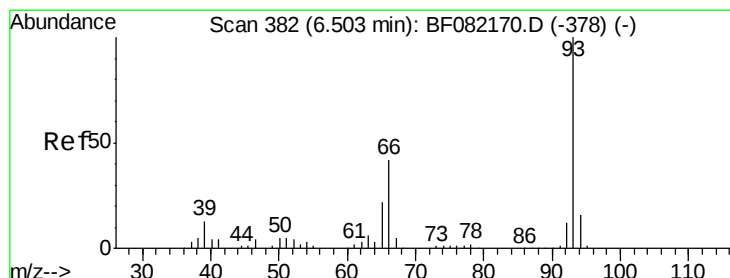
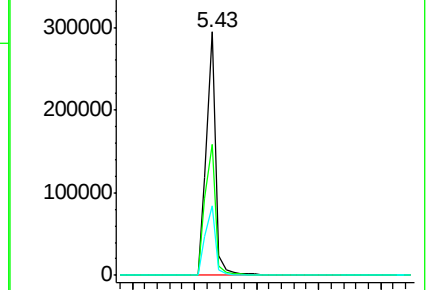
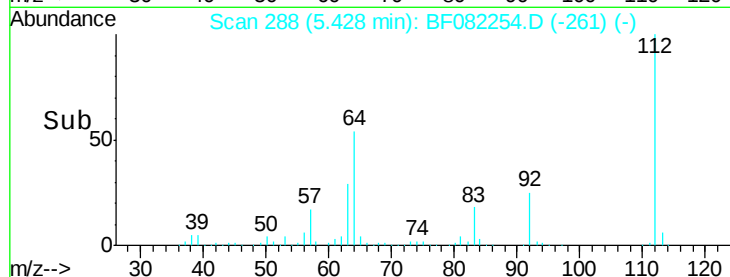
63 28.8 25.1 37.7



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: 20.38 ng

RT: 6.49 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF082254.D

Acq: 13 Oct 2015 15:12

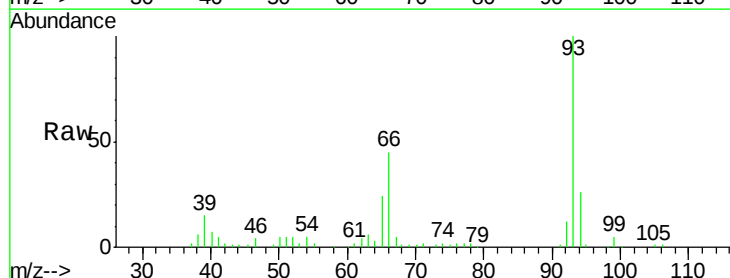
Tgt Ion: 93 Resp: 126859

Ion Ratio Lower Upper

93 100

66 44.6 34.2 51.2

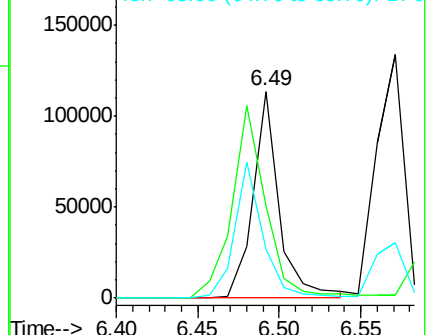
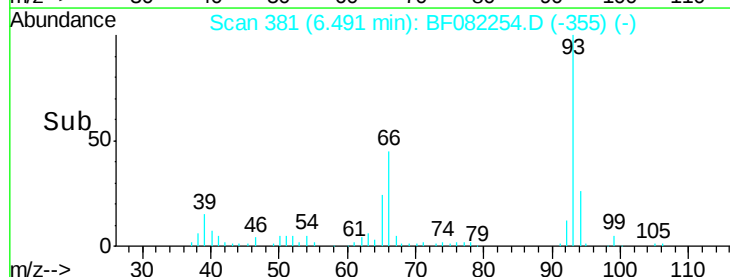
65 23.6 17.9 26.9



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: 84.99 ng

RT: 6.47 min Scan# 379

Delta R.T. -0.00 min

Lab File: BF082254.D

Acq: 13 Oct 2015 15:12

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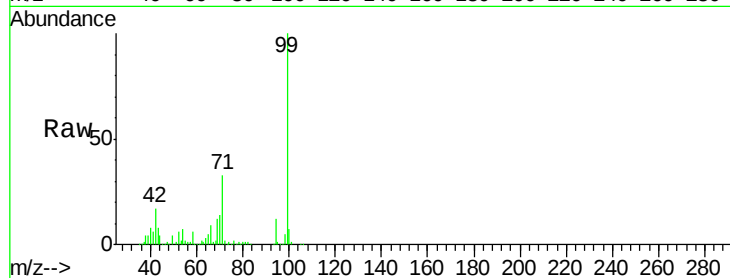
Tot Ion: 99 Resp: 410318

Ion Ratio Lower Upper

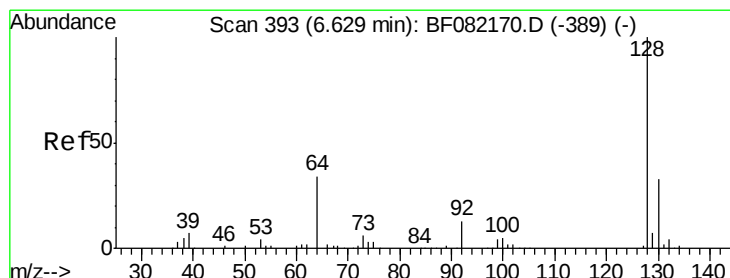
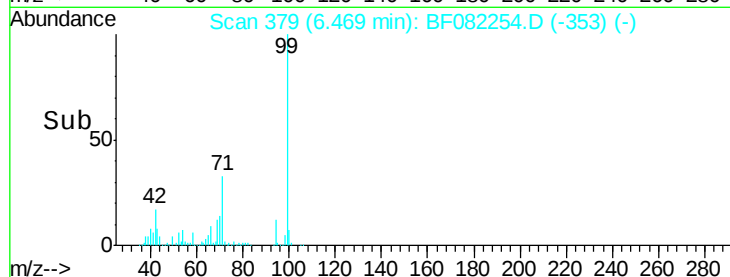
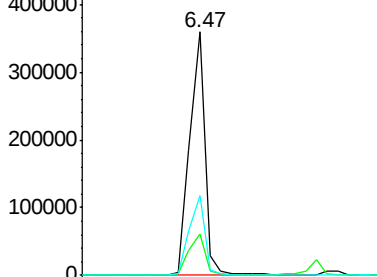
99 100

42 16.9 13.2 19.8

71 32.6 25.6 38.4



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



#8

2-Chlorophenol

Concen: 37.58 ng

RT: 6.62 min Scan# 392

Delta R.T. -0.00 min

Lab File: BF082254.D

Acq: 13 Oct 2015 15:12

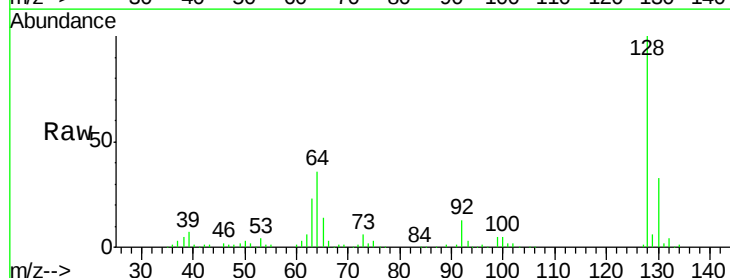
Tgt Ion: 128 Resp: 170226

Ion Ratio Lower Upper

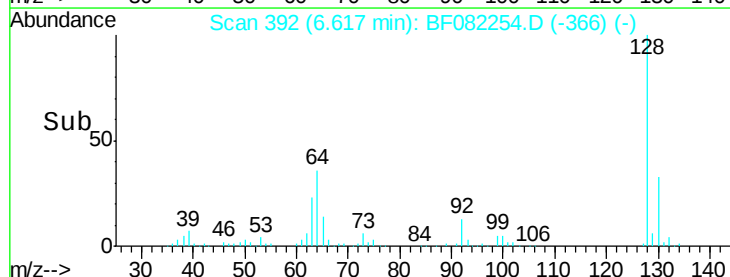
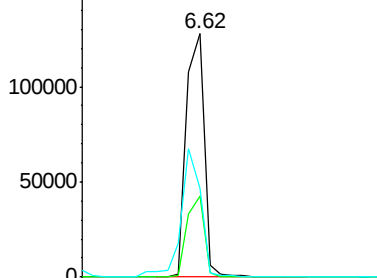
128 100

130 33.4 12.6 52.6

64 36.5 16.7 56.7



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: 48.12 ng

RT: 6.38 min Scan# 371

Delta R.T. -0.00 min

Lab File: BF082254.D

Acq: 13 Oct 2015 15:12

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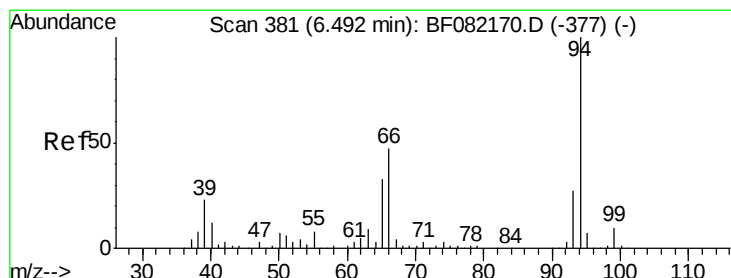
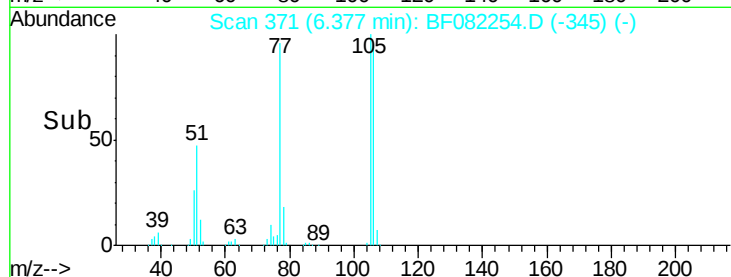
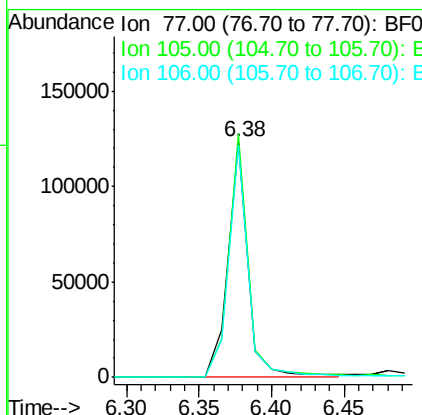
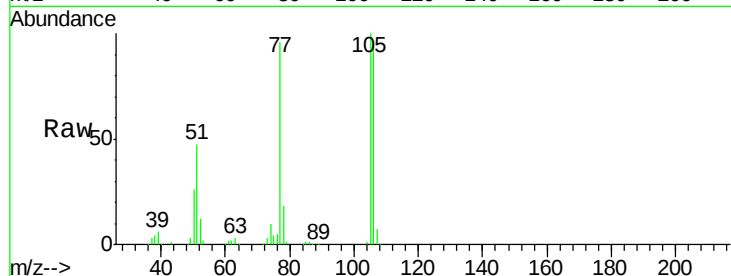
Tot Ion: 77 Resp: 118633

Ion Ratio Lower Upper

77 100

105 103.6 80.6 120.6

106 98.6 75.5 115.5



#10

Phenol

Concen: 40.84 ng

RT: 6.48 min Scan# 380

Delta R.T. -0.00 min

Lab File: BF082254.D

Acq: 13 Oct 2015 15:12

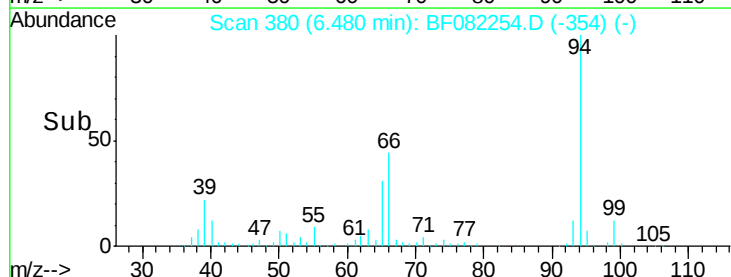
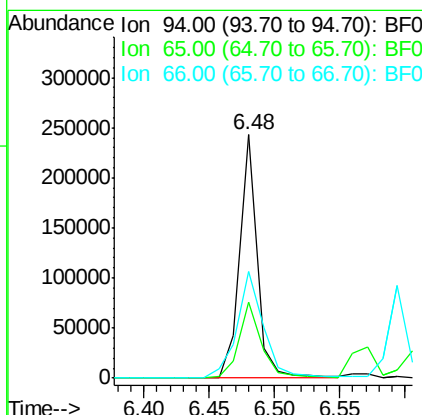
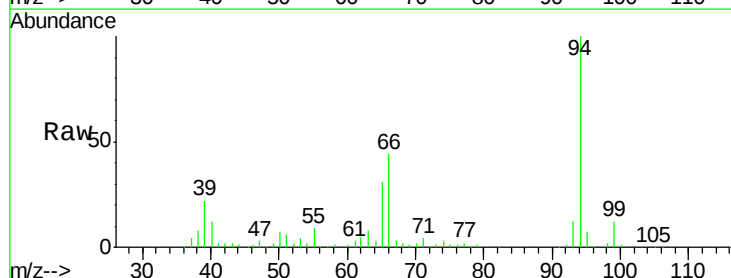
Tgt Ion: 94 Resp: 227339

Ion Ratio Lower Upper

94 100

65 30.9 12.6 52.6

66 43.6 27.3 67.3

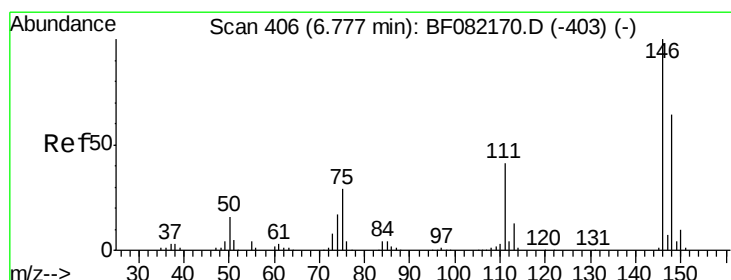
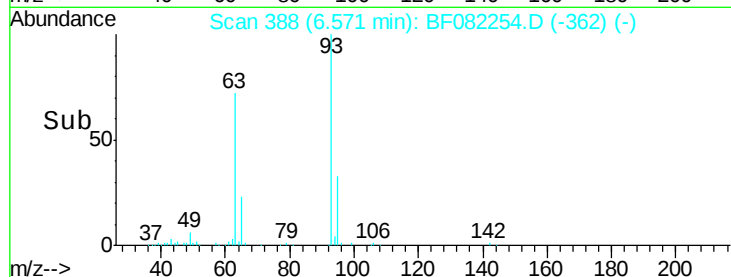
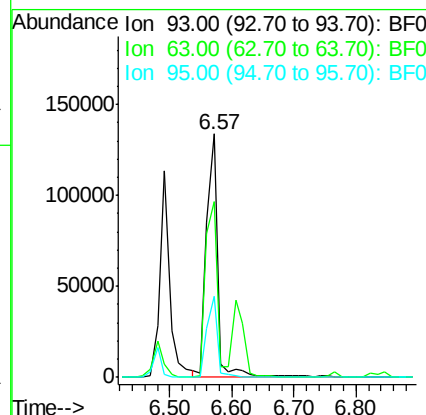
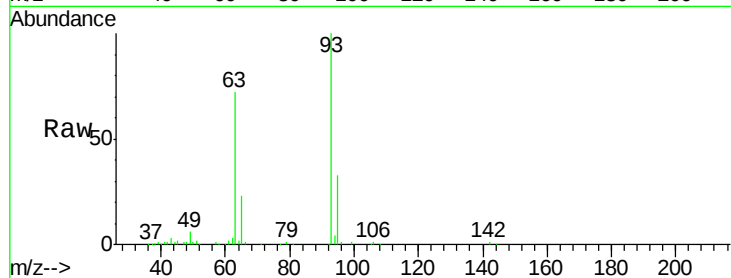




#11
bis(2-Chloroethyl)ether
Concen: 35.77 ng
RT: 6.57 min Scan# 388
Delta R.T. -0.00 min
Lab File: BF082254.D
Acq: 13 Oct 2015 15:12

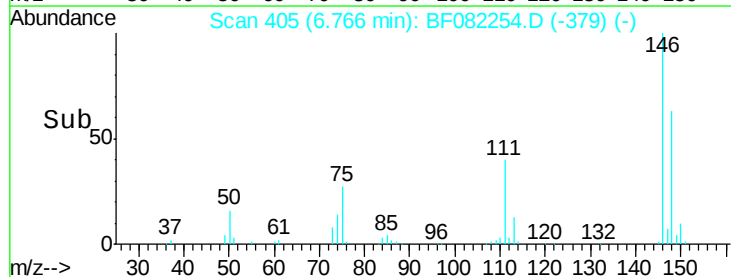
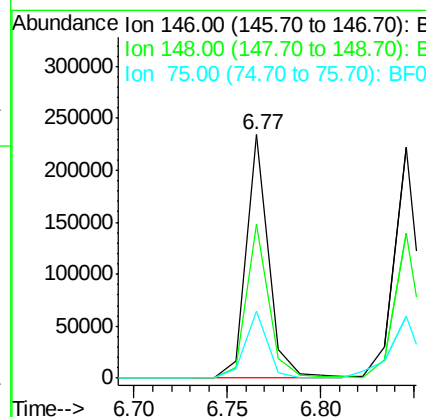
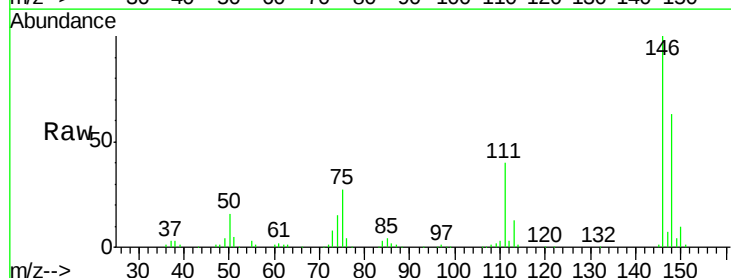
Instrument :
BNA_F
ClientSampleId :
PB86065BS

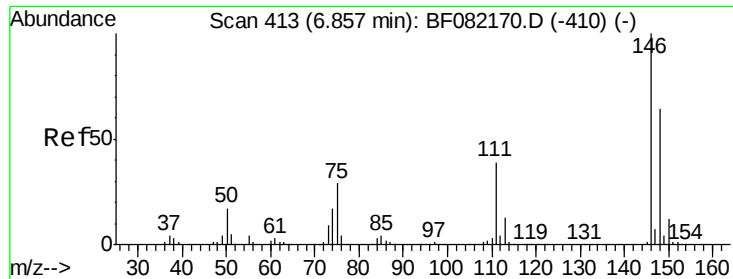
Tot Ion: 93 Resp: 168391
Ion Ratio Lower Upper
93 100
63 72.4 57.1 97.1
95 33.3 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 37.49 ng
RT: 6.77 min Scan# 405
Delta R.T. -0.00 min
Lab File: BF082254.D
Acq: 13 Oct 2015 15:12

Tgt Ion: 146 Resp: 197744
Ion Ratio Lower Upper
146 100
148 63.4 51.4 77.2
75 27.3 23.0 34.6

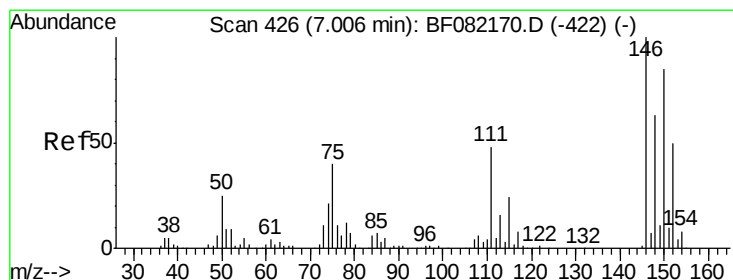
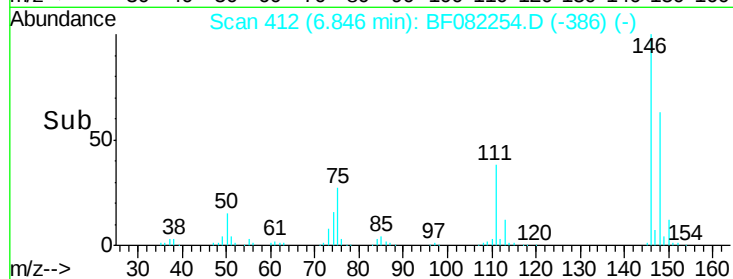
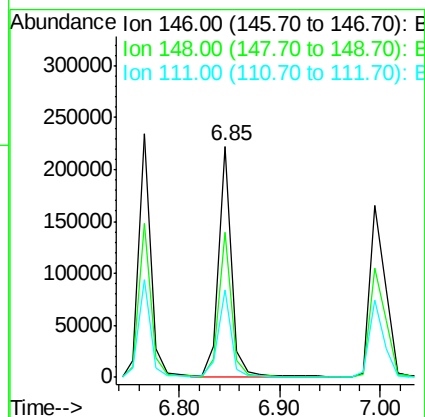
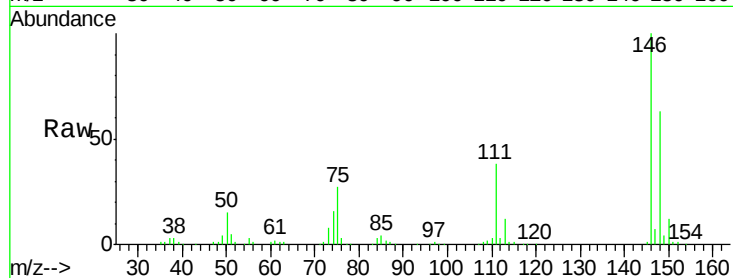




#13
 1,4-Dichlorobenzene
 Concen: 36.57 ng
 RT: 6.85 min Scan# 412
 Delta R.T. -0.00 min
 Lab File: BF082254.D
 Acq: 13 Oct 2015 15:12

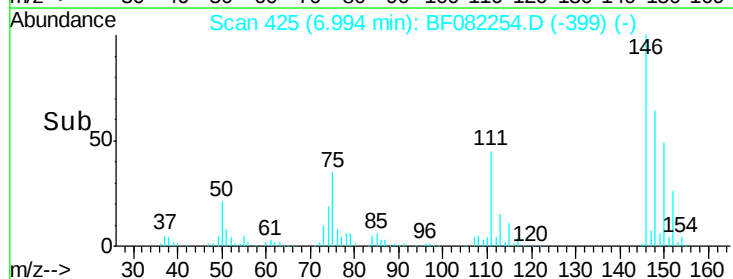
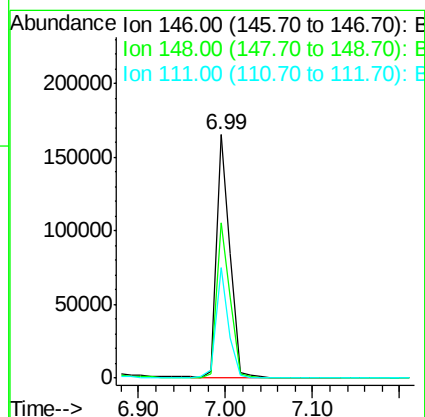
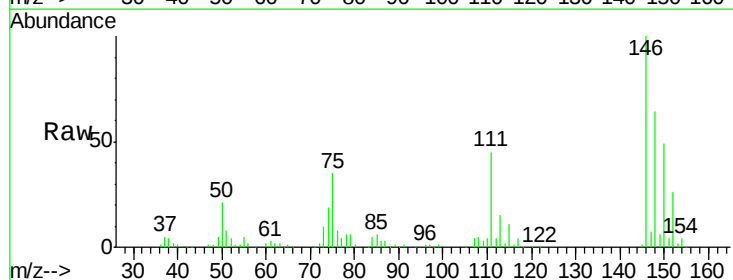
Instrument :
 BNA_F
 ClientSampleId :
 PB86065BS

Tot Ion:146 Resp: 201457
 Ion Ratio Lower Upper
 146 100
 148 63.0 51.0 76.4
 111 37.9 31.1 46.7



#14
 1,2-Dichlorobenzene
 Concen: 34.64 ng
 RT: 6.99 min Scan# 425
 Delta R.T. -0.00 min
 Lab File: BF082254.D
 Acq: 13 Oct 2015 15:12

Tgt Ion:146 Resp: 181211
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.5 75.7
 111 45.3 38.5 57.7

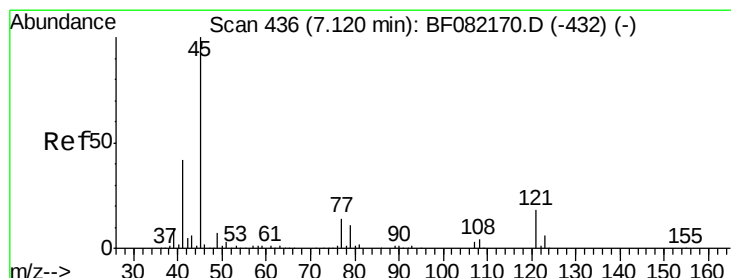
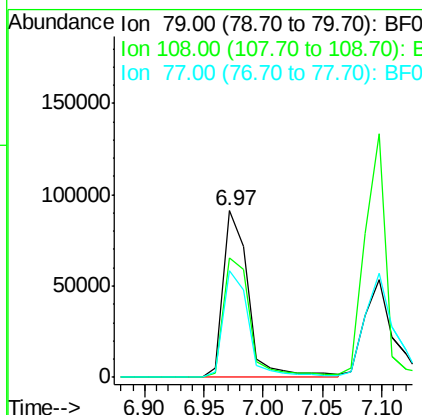
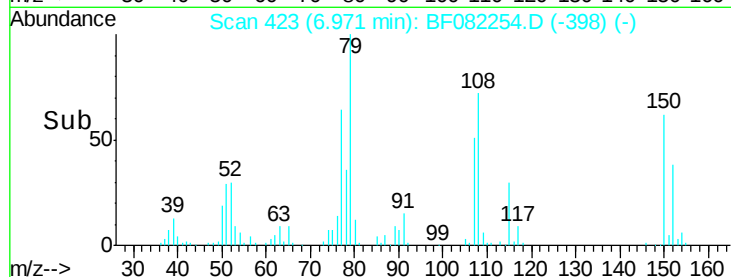
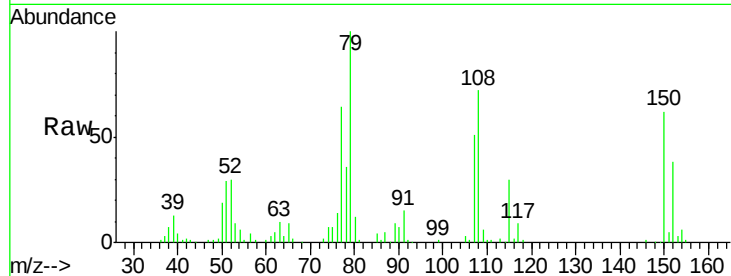




#15
Benzyl Alcohol
Concen: 40.13 ng
RT: 6.97 min Scan# 423
Delta R.T. -0.01 min
Lab File: BF082254.D
Acq: 13 Oct 2015 15:12

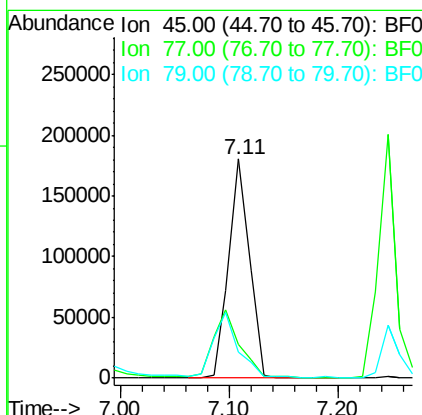
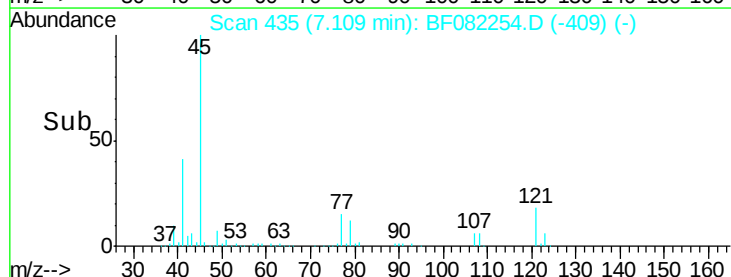
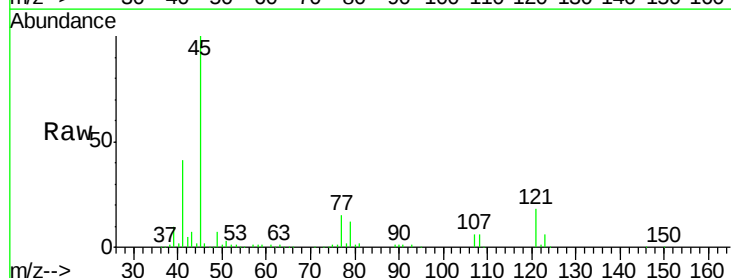
Instrument :
BNA_F
ClientSampleId :
PB86065BS

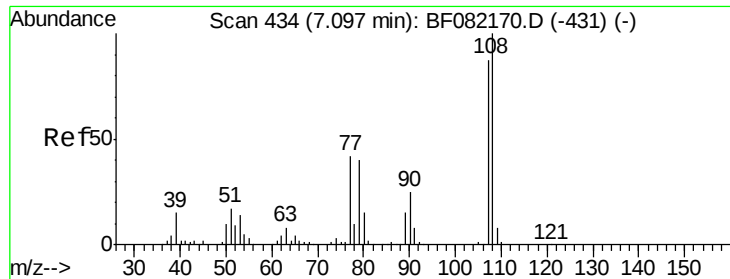
Tot Ion: 79 Resp: 133751
Ion Ratio Lower Upper
79 100
108 71.8 58.4 87.6
77 63.6 49.8 74.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.33 ng
RT: 7.11 min Scan# 435
Delta R.T. -0.00 min
Lab File: BF082254.D
Acq: 13 Oct 2015 15:12

Tgt Ion: 45 Resp: 238166
Ion Ratio Lower Upper
45 100
77 15.1 0.0 34.5
79 12.1 0.0 31.6

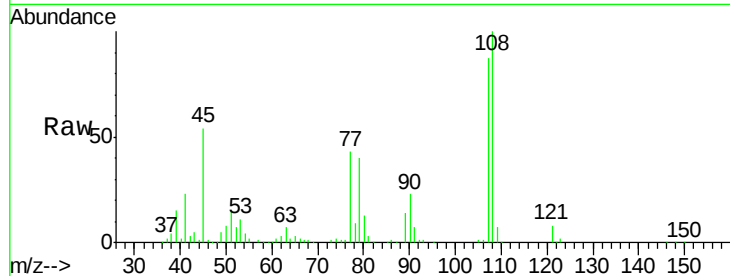




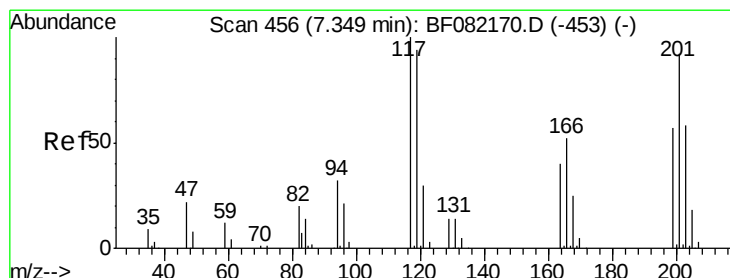
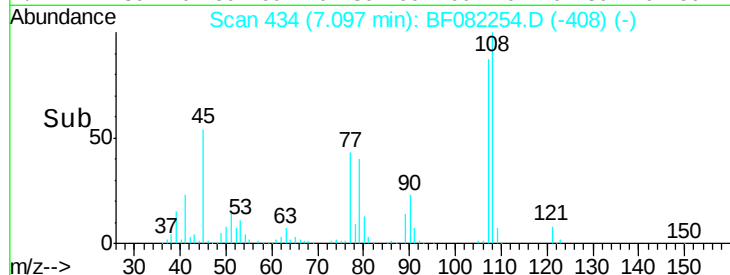
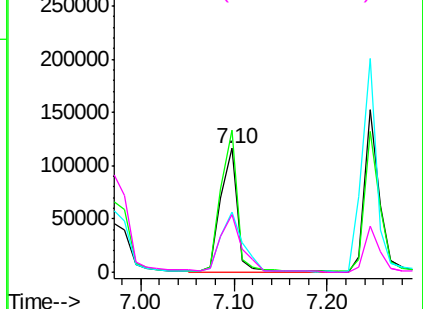
#17
2-Methylphenol
Concen: 39.90 ng
RT: 7.10 min Scan# 434
Delta R.T. -0.00 min
Lab File: BF082254.D
Acq: 13 Oct 2015 15:12

Instrument :
BNA_F
ClientSampleId :
PB86065BS

Tot Ion:107 Resp: 142894
Ion Ratio Lower Upper
107 100
108 114.9 92.2 138.2
77 48.9 39.6 59.4
79 46.4 38.2 57.4

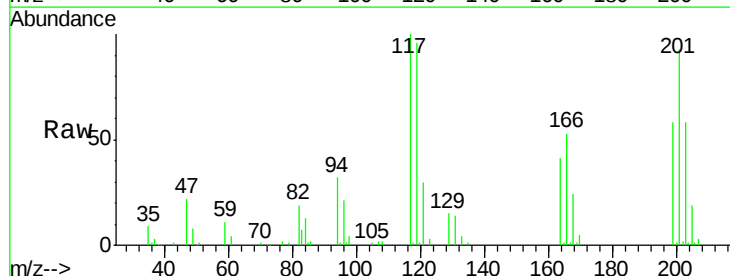


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

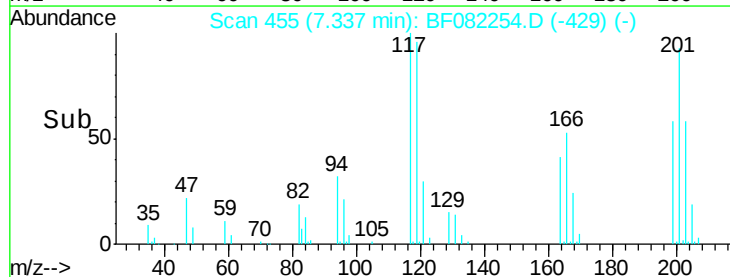
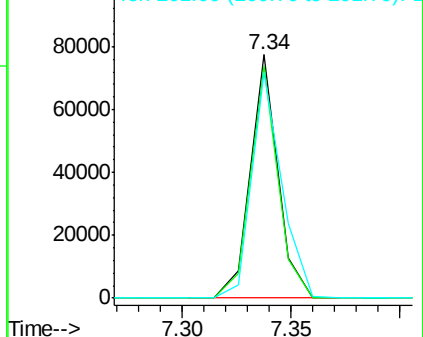


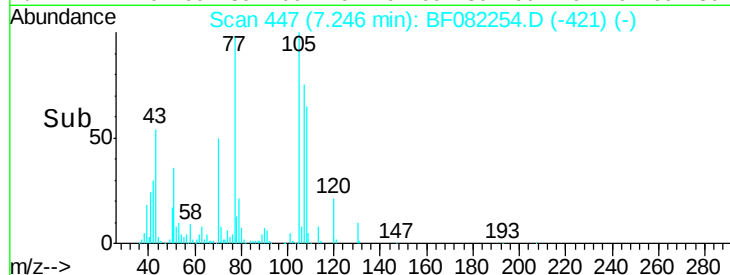
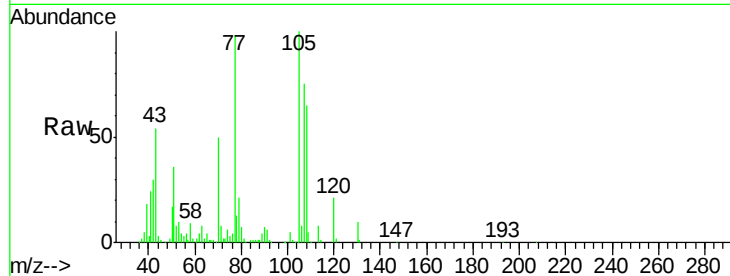
#18
Hexachloroethane
Concen: 35.98 ng
RT: 7.34 min Scan# 455
Delta R.T. -0.00 min
Lab File: BF082254.D
Acq: 13 Oct 2015 15:12

Tgt Ion:117 Resp: 67841
Ion Ratio Lower Upper
117 100
119 95.5 75.4 113.2
201 92.7 73.4 110.0



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

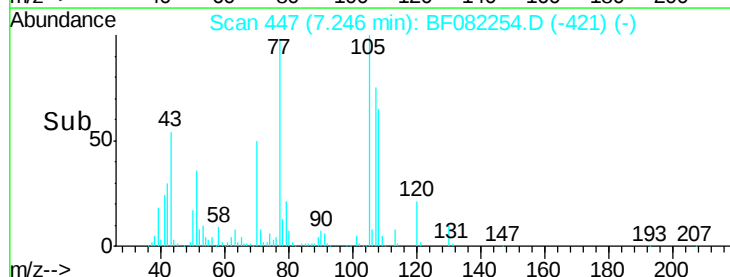
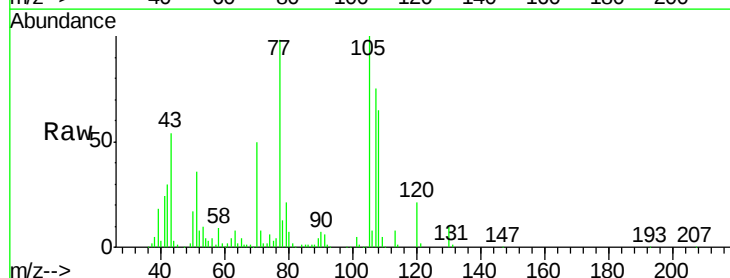
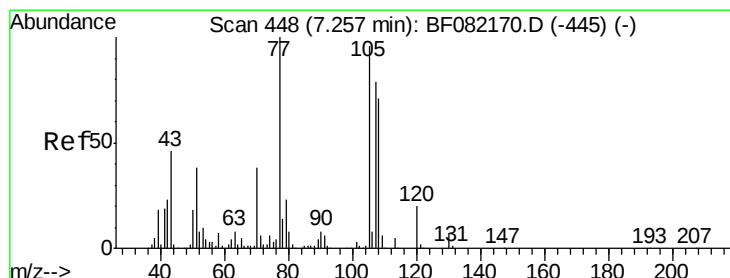
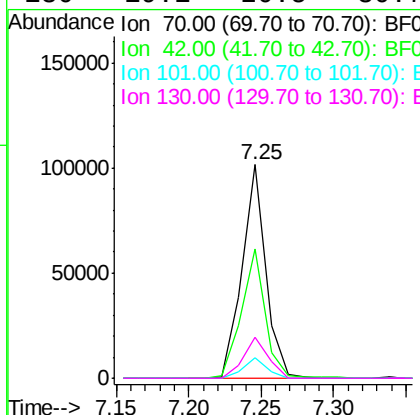




#19
n-Nitroso-di-n-propylamine
Concen: 34.01 ng
RT: 7.25 min Scan# 447
Delta R.T. -0.00 min
Lab File: BF082254.D
Acq: 13 Oct 2015 15:12

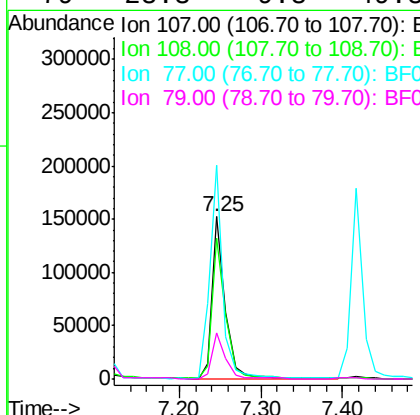
Instrument :
BNA_F
ClientSampleId :
PB86065BS

Tot Ion: 70 Resp: 115303
Ion Ratio Lower Upper
70 100
42 60.5 39.8 59.8#
101 9.6 8.6 13.0
130 19.1 20.5 30.7#



#20
3+4-Methylphenols
Concen: 40.18 ng
RT: 7.25 min Scan# 447
Delta R.T. -0.00 min
Lab File: BF082254.D
Acq: 13 Oct 2015 15:12

Tgt Ion:107 Resp: 171489
Ion Ratio Lower Upper
107 100
108 86.8 69.9 109.9
77 131.7 106.0 146.0
79 28.3 9.8 49.8





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 523

Delta R.T. -0.00 min

Lab File: BF082254.D

Acq: 13 Oct 2015 15:12

Instrument :

BNA_F

ClientSampleId :

PB86065BS

Tot Ion:136 Resp: 297964

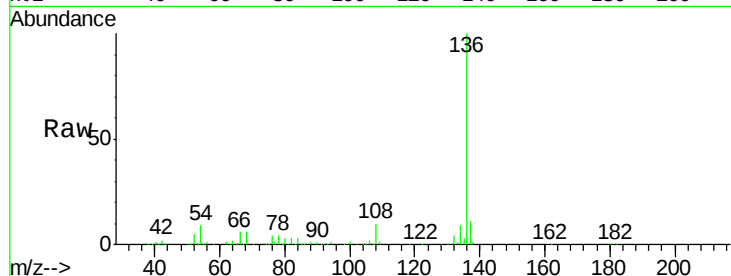
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 9.3 7.5 11.3

68 5.8 4.6 7.0

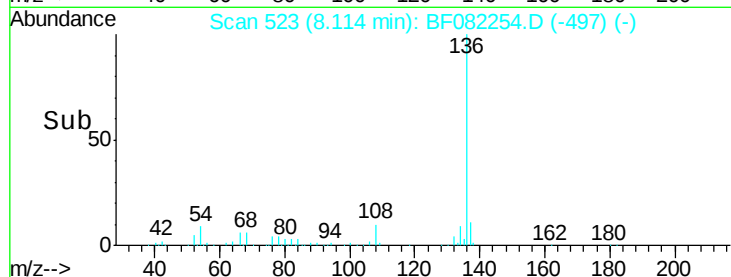


Abundance Ion 136.00 (135.70 to 136.70): E

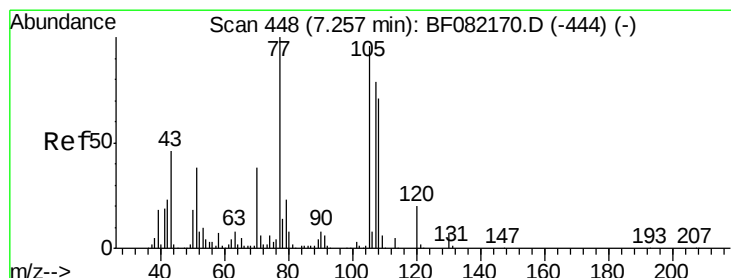
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time--> 8.00 8.10 8.20 8.30



#22

Acetophenone

Concen: 39.42 ng

RT: 7.25 min Scan# 447

Delta R.T. -0.00 min

Lab File: BF082254.D

Acq: 13 Oct 2015 15:12

Tgt Ion:105 Resp: 232379

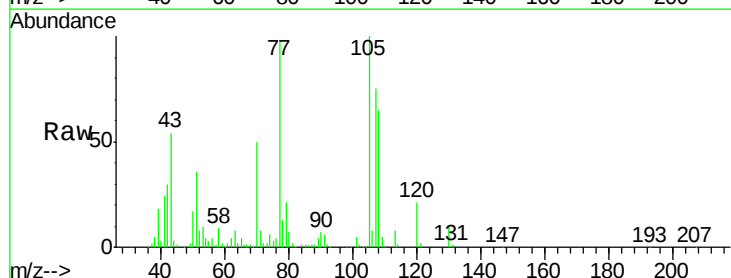
Ion Ratio Lower Upper

105 100

71 8.4 5.4 8.0#

51 36.3 31.8 47.6

120 20.8 16.3 24.5

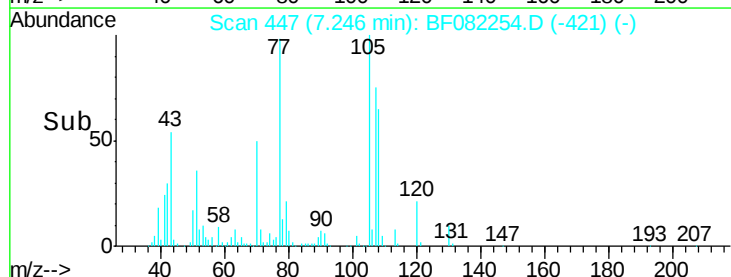


Abundance Ion 105.00 (104.70 to 105.70): E

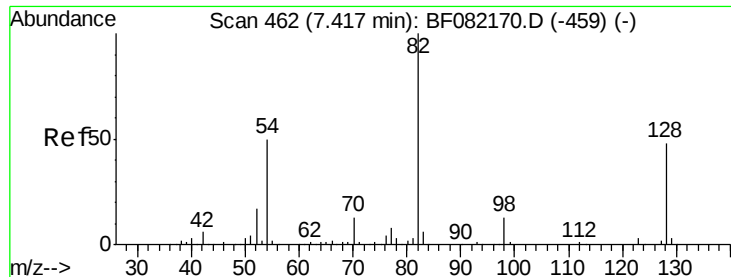
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



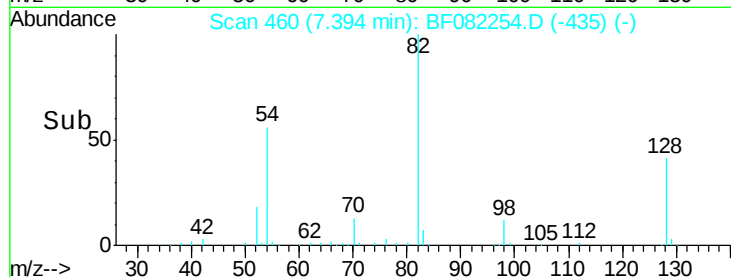
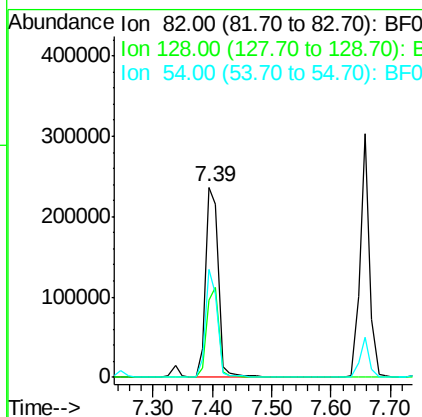
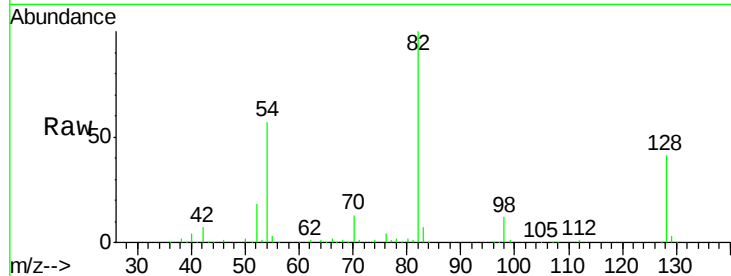
Time--> 7.10 7.20 7.30 7.40



#23
Nitrobenzene-d5
Concen: 80.99 ng
RT: 7.39 min Scan# 460
Delta R.T. -0.01 min
Lab File: BF082254.D
Acq: 13 Oct 2015 15:12

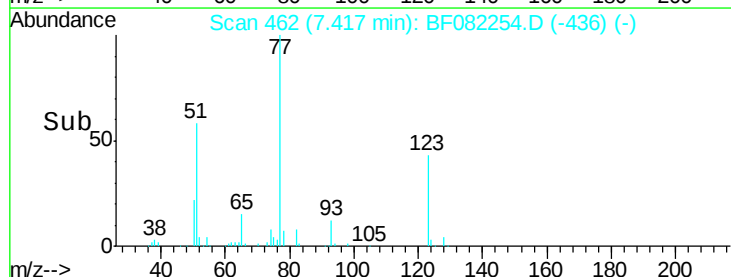
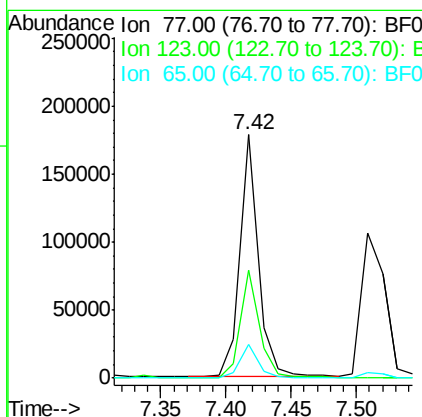
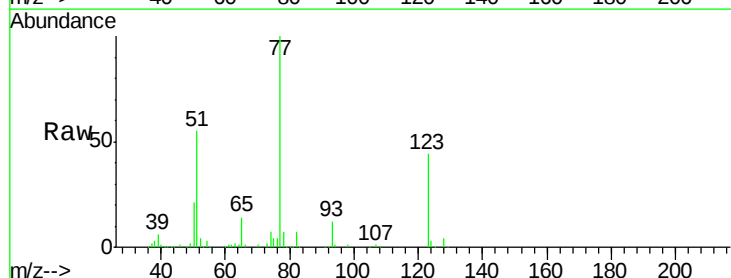
Instrument :
BNA_F
ClientSampleId :
PB86065BS

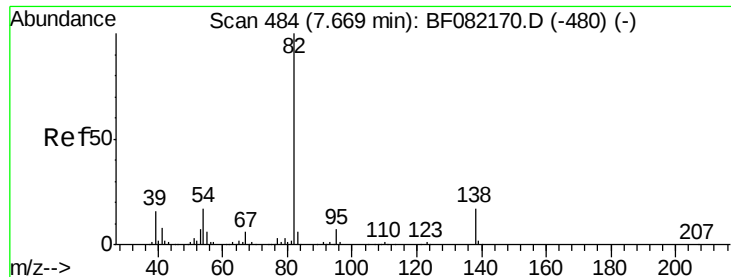
Tot Ion: 82 Resp: 359352
Ion Ratio Lower Upper
82 100
128 40.7 38.7 58.1
54 56.6 40.1 60.1



#24
Nitrobenzene
Concen: 36.35 ng
RT: 7.42 min Scan# 462
Delta R.T. -0.00 min
Lab File: BF082254.D
Acq: 13 Oct 2015 15:12

Tgt Ion: 77 Resp: 174581
Ion Ratio Lower Upper
77 100
123 44.2 33.0 49.4
65 13.9 11.2 16.8





#25

Isophorone

Concen: 36.92 ng

RT: 7.66 min Scan# 483

Delta R.T. -0.00 min

Lab File: BF082254.D

Acq: 13 Oct 2015 15:12

Instrument :

BNA_F

ClientSampleId :

PB86065BS

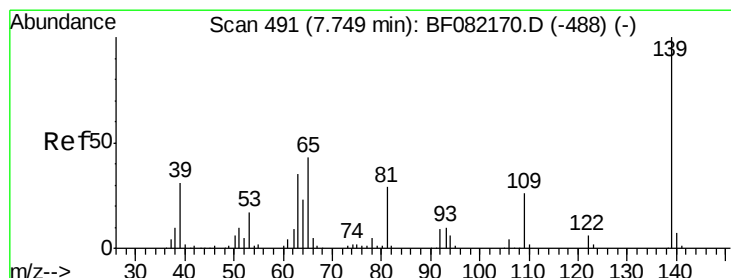
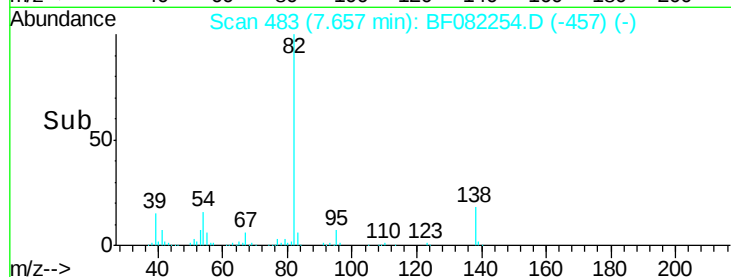
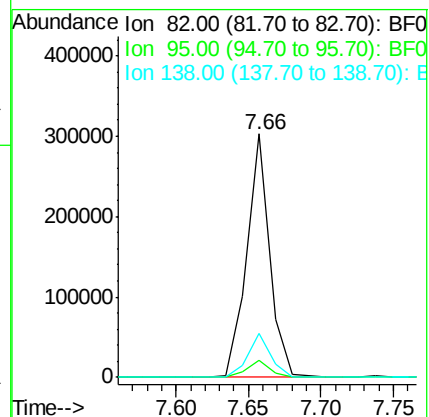
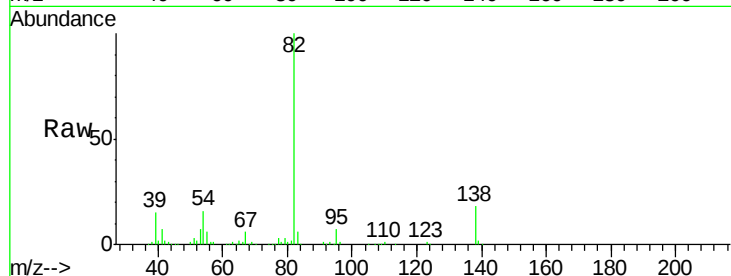
Tot Ion: 82 Resp: 330626

Ion Ratio Lower Upper

82 100

95 7.1 5.6 8.4

138 17.9 13.6 20.4



#26

2-Nitrophenol

Concen: 41.47 ng

RT: 7.74 min Scan# 490

Delta R.T. -0.00 min

Lab File: BF082254.D

Acq: 13 Oct 2015 15:12

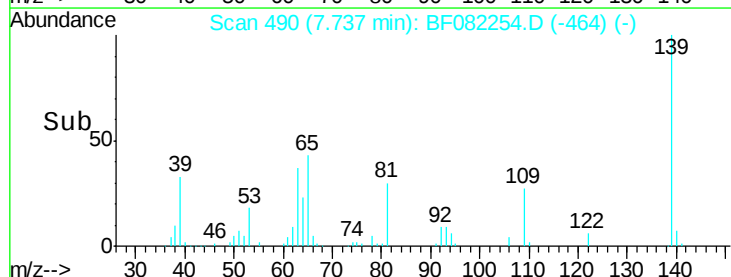
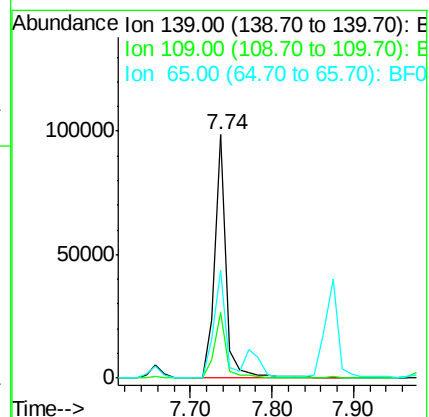
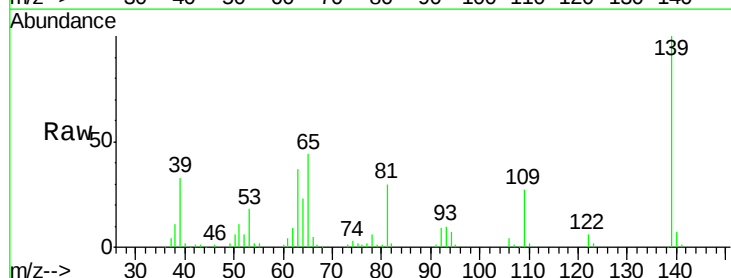
Tgt Ion: 139 Resp: 99440

Ion Ratio Lower Upper

139 100

109 26.8 20.6 31.0

65 44.4 34.3 51.5





#27

2,4-Dimethylphenol

Concen: 39.95 ng

RT: 7.78 min Scan# 494

Delta R.T. -0.00 min

Lab File: BF082254.D

Acq: 13 Oct 2015 15:12

Instrument :

BNA_F

ClientSampleID :

PB86065BS

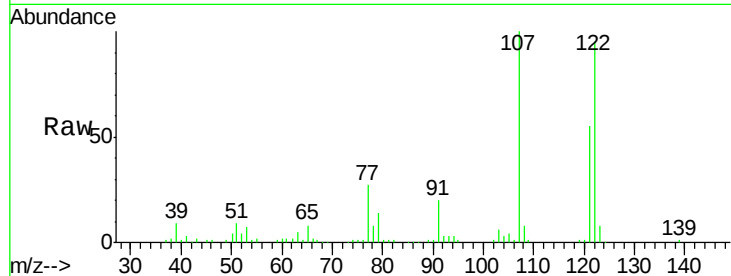
Tot Ion:122 Resp: 154352

Ion Ratio Lower Upper

122 100

107 105.1 94.0 141.0

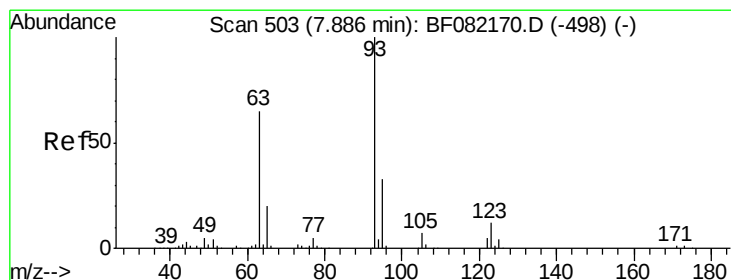
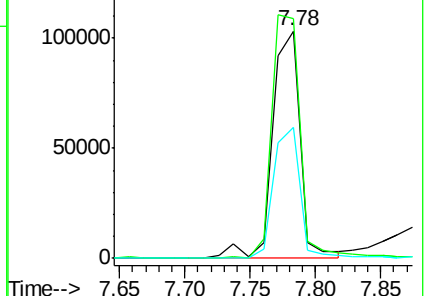
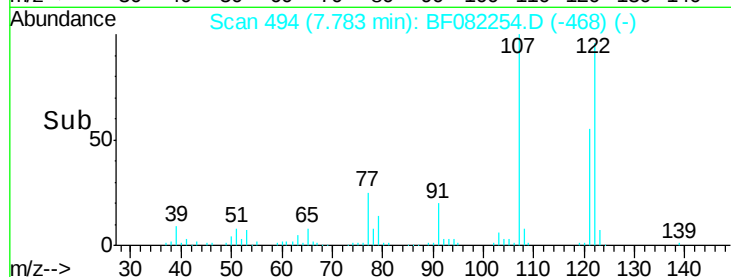
121 57.4 46.8 70.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.07 ng

RT: 7.87 min Scan# 502

Delta R.T. -0.00 min

Lab File: BF082254.D

Acq: 13 Oct 2015 15:12

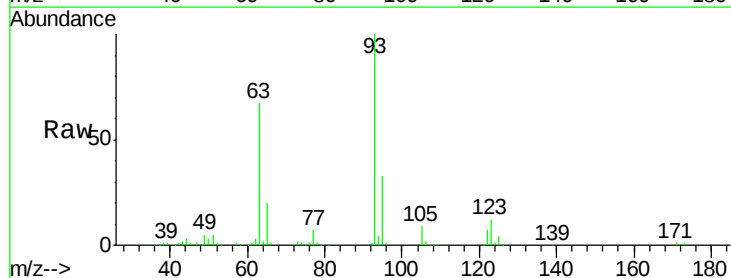
Tgt Ion: 93 Resp: 208790

Ion Ratio Lower Upper

93 100

95 32.6 26.6 39.8

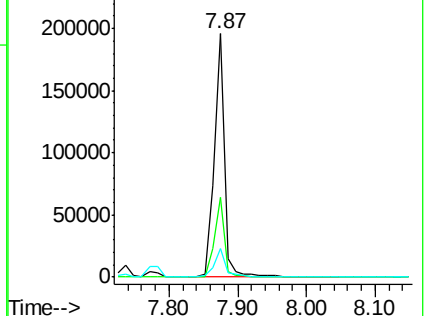
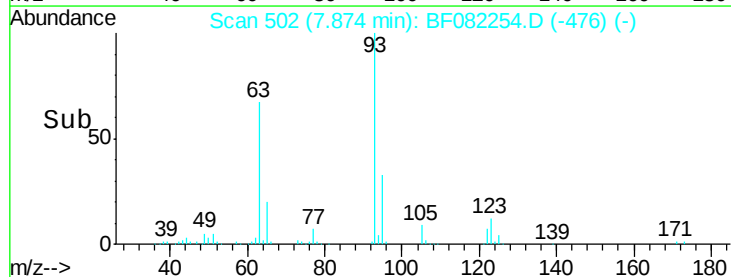
123 11.6 9.5 14.3

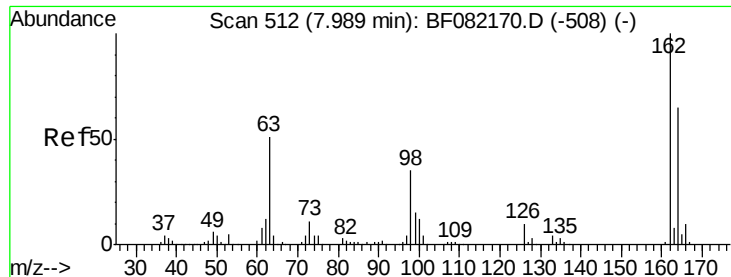


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

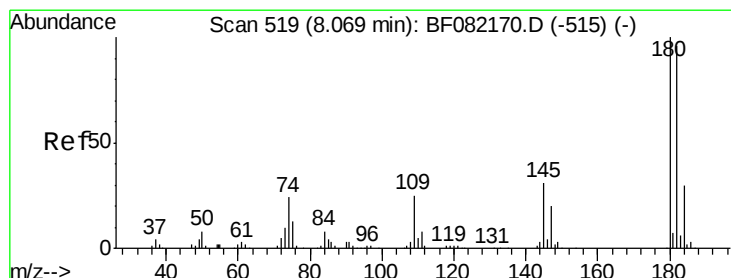
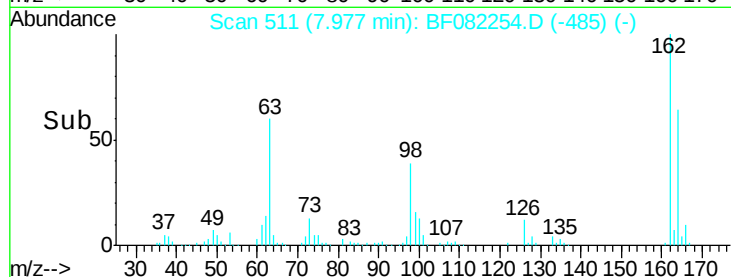
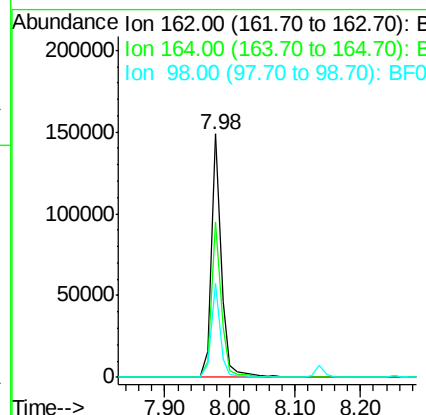
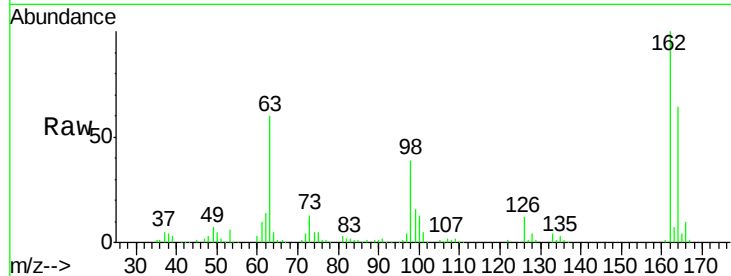




#29
 2,4-Dichlorophenol
 Concen: 41.00 ng
 RT: 7.98 min Scan# 511
 Delta R.T. -0.00 min
 Lab File: BF082254.D
 Acq: 13 Oct 2015 15:12

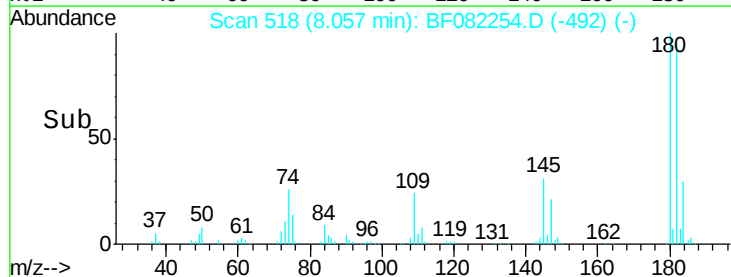
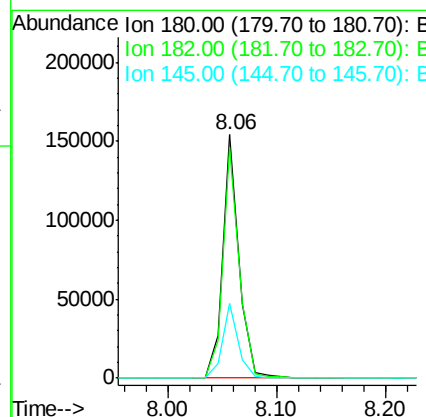
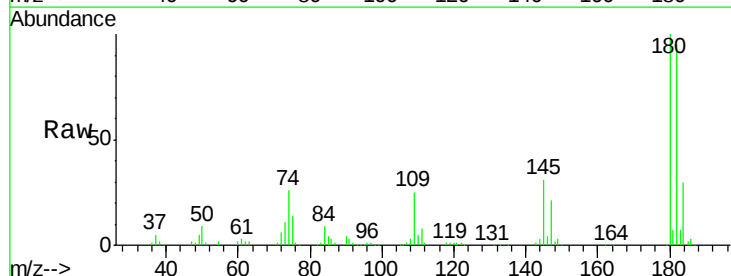
Instrument :
 BNA_F
 ClientSampleId :
 PB86065BS

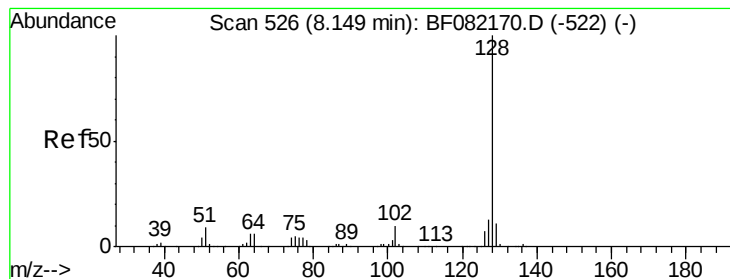
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.8	44.6	84.6
98	38.5	15.0	55.0



#30
 1,2,4-Trichlorobenzene
 Concen: 36.16 ng
 RT: 8.06 min Scan# 518
 Delta R.T. -0.00 min
 Lab File: BF082254.D
 Acq: 13 Oct 2015 15:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	77.0	115.4
145	30.7	25.0	37.4





#31

Naphthalene

Concen: 36.86 ng

RT: 8.14 min Scan# 525

Delta R.T. -0.00 min

Lab File: BF082254.D

Acq: 13 Oct 2015 15:12

Instrument :

BNA_F

ClientSampleId :

PB86065BS

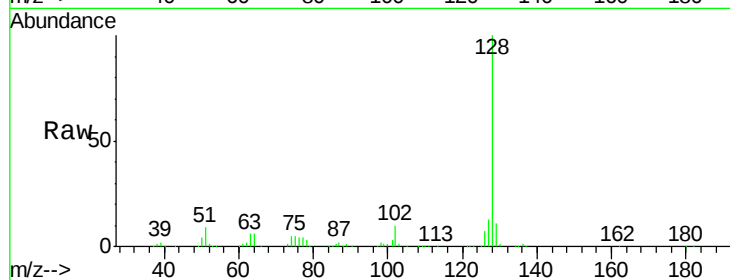
Tot Ion:128 Resp: 476157

Ion Ratio Lower Upper

128 100

129 11.5 9.1 13.7

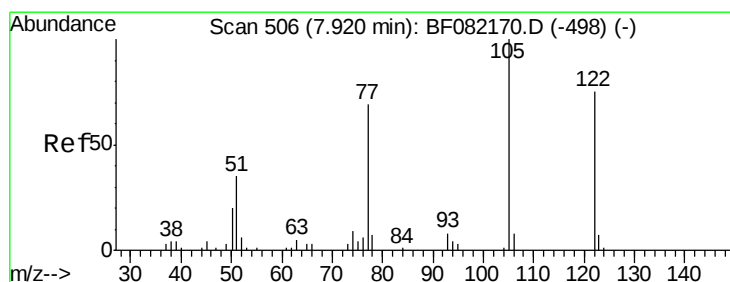
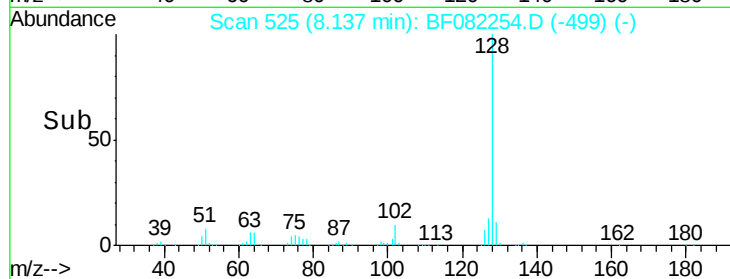
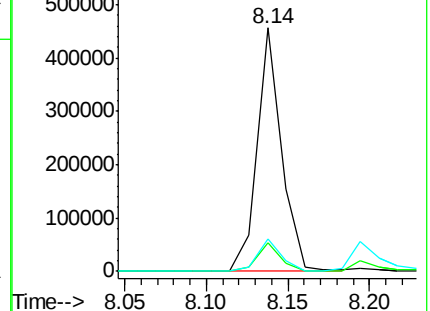
127 13.2 10.7 16.1



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: 27.04 ng

RT: 7.90 min Scan# 504

Delta R.T. 0.01 min

Lab File: BF082254.D

Acq: 13 Oct 2015 15:12

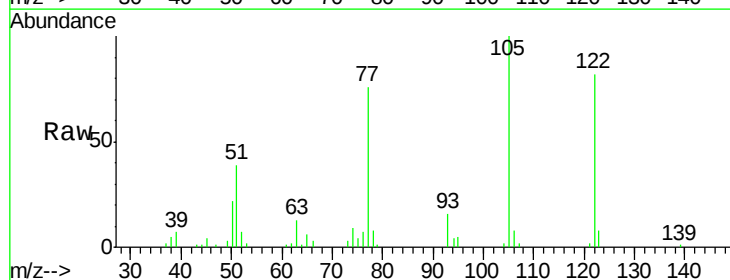
Tgt Ion:122 Resp: 70113

Ion Ratio Lower Upper

122 100

105 121.6 104.4 144.4

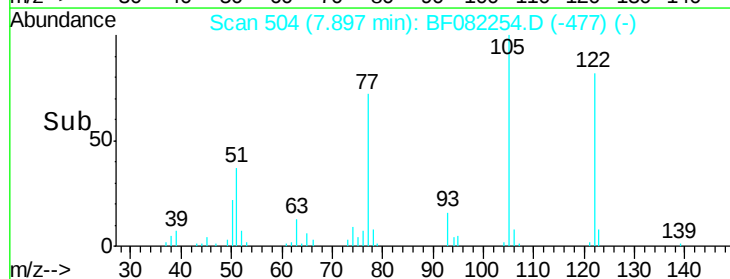
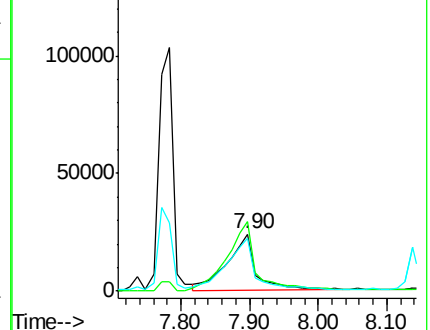
77 93.0 69.0 109.0



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

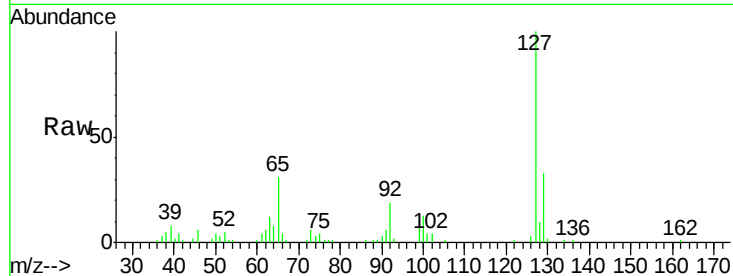




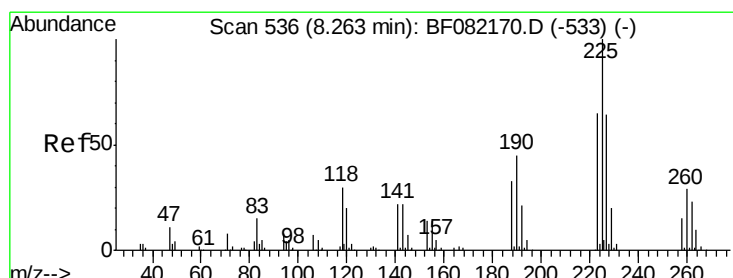
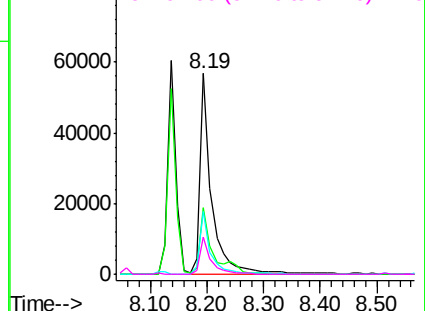
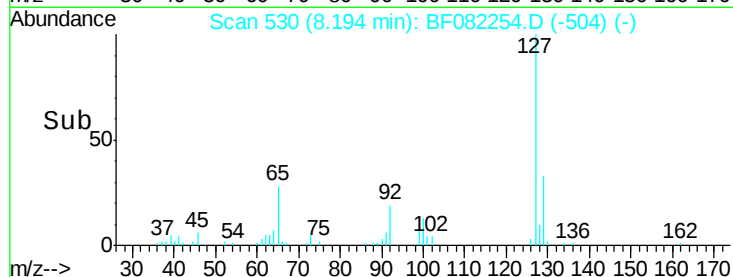
#33
4-Chloroaniline
Concen: 15.05 ng
RT: 8.19 min Scan# 530
Delta R.T. -0.00 min
Lab File: BF082254.D
Acq: 13 Oct 2015 15:12

Instrument :
BNA_F
ClientSampleId :
PB86065BS

Tot Ion:	127	Resp:	80714
Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.3	39.5
65	31.1	24.4	36.6
92	18.7	15.7	23.5

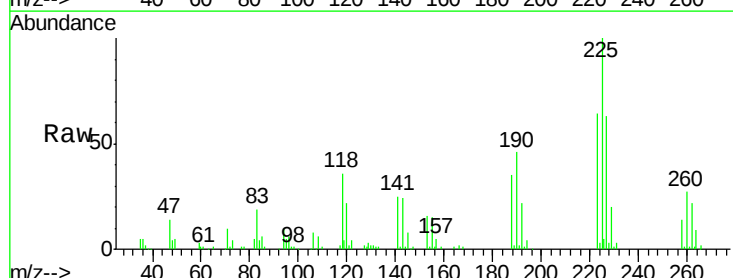


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

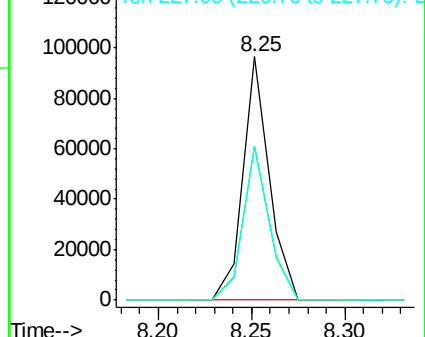
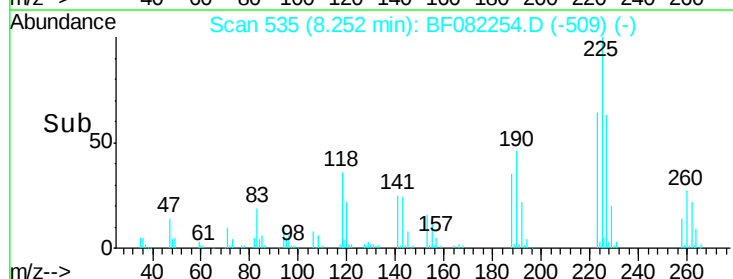


#34
Hexachlorobutadiene
Concen: 34.18 ng
RT: 8.25 min Scan# 535
Delta R.T. -0.00 min
Lab File: BF082254.D
Acq: 13 Oct 2015 15:12

Tgt Ion:	225	Resp:	94816
Ion	Ratio	Lower	Upper
225	100		
223	63.5	52.2	78.2
227	63.5	51.3	76.9



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: 44.18 ng

RT: 8.57 min Scan# 563

Delta R.T. -0.01 min

Lab File: BF082254.D

Acq: 13 Oct 2015 15:12

Instrument :

BNA_F

ClientSampleId :

PB86065BS

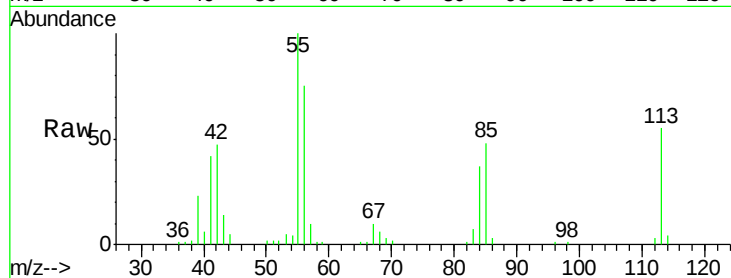
Tot Ion:113 Resp: 49523

Ion Ratio Lower Upper

113 100

55 181.3 149.7 189.7

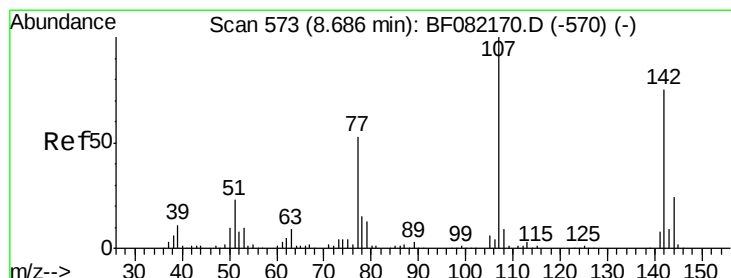
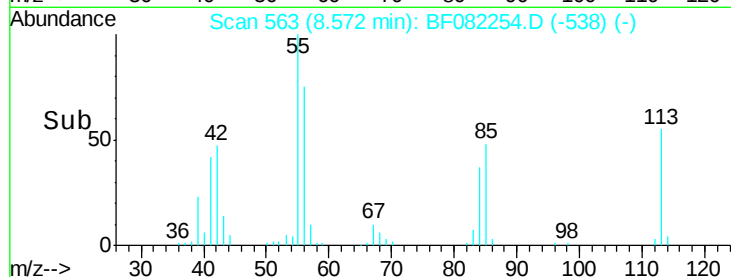
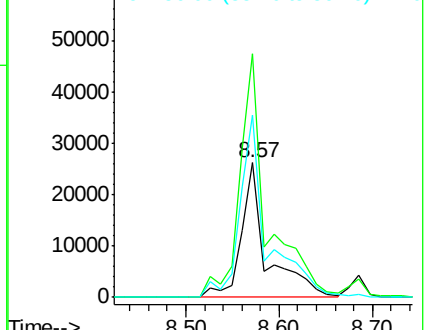
56 135.7 105.4 145.4



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: 43.31 ng

RT: 8.69 min Scan# 573

Delta R.T. -0.00 min

Lab File: BF082254.D

Acq: 13 Oct 2015 15:12

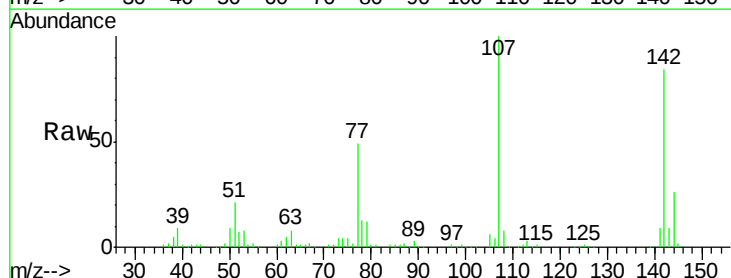
Tgt Ion:107 Resp: 163586

Ion Ratio Lower Upper

107 100

144 26.2 19.3 28.9

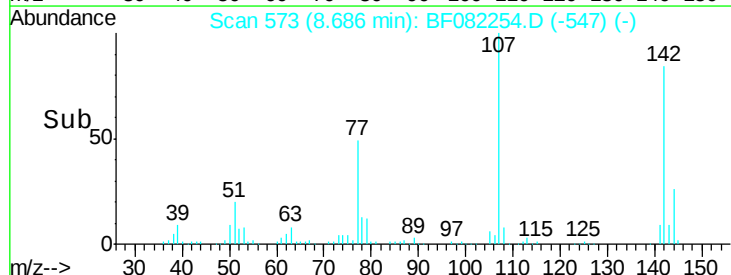
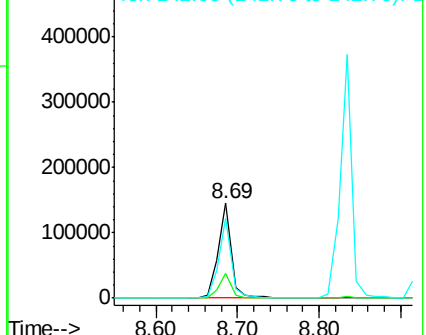
142 83.8 59.9 89.9

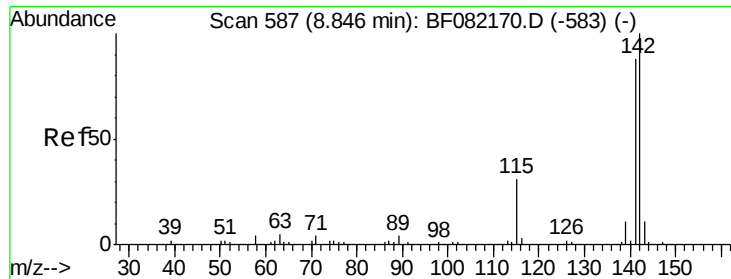


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

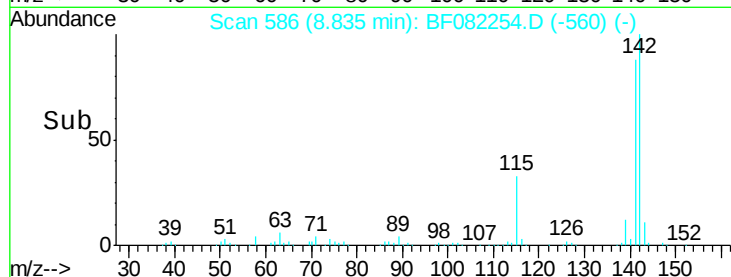
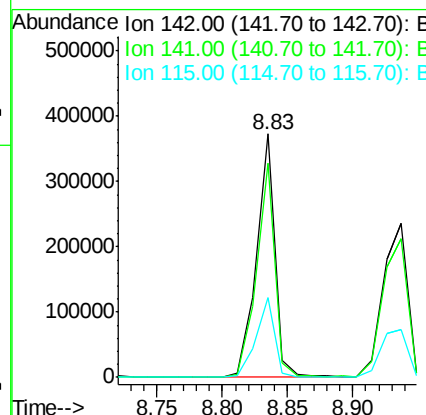
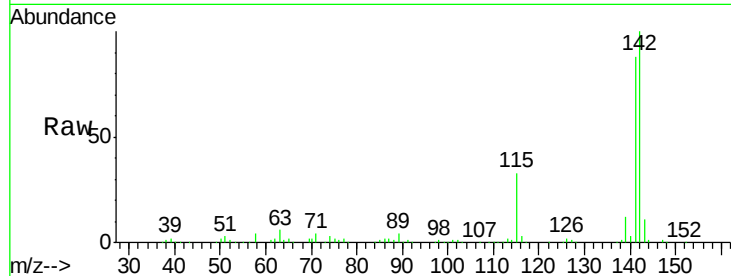




#37
2-Methylnaphthalene
Concen: 40.93 ng
RT: 8.83 min Scan# 586
Delta R.T. -0.00 min
Lab File: BF082254.D
Acq: 13 Oct 2015 15:12

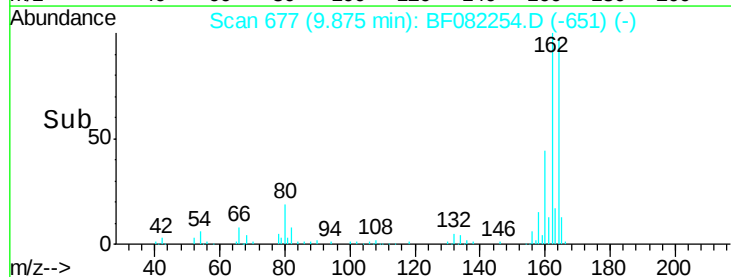
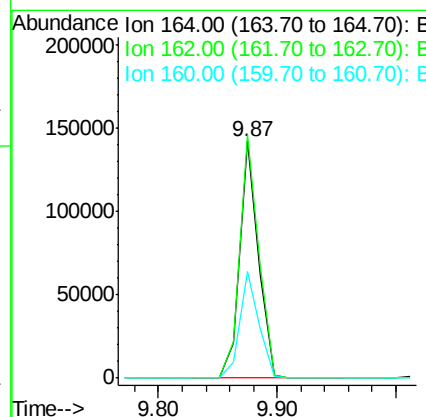
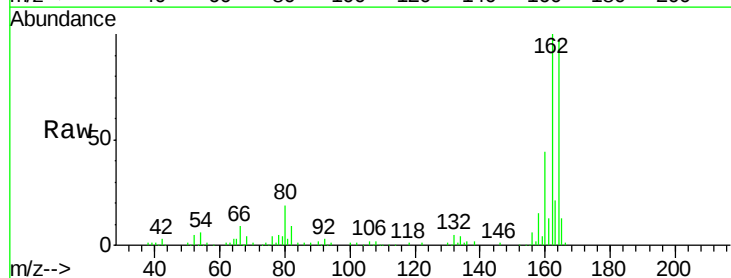
Instrument :
BNA_F
ClientSampleId :
PB86065BS

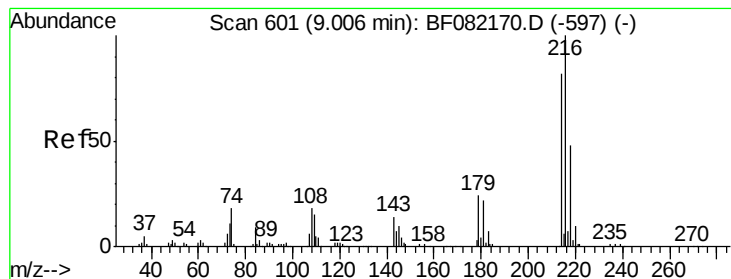
Tot Ion:142 Resp: 366463
Ion Ratio Lower Upper
142 100
141 87.8 70.4 105.6
115 32.6 24.6 37.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 677
Delta R.T. -0.00 min
Lab File: BF082254.D
Acq: 13 Oct 2015 15:12

Tgt Ion:164 Resp: 156240
Ion Ratio Lower Upper
164 100
162 102.7 81.6 122.4
160 44.8 36.4 54.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.75 ng

RT: 8.99 min Scan# 600

Delta R.T. -0.00 min

Lab File: BF082254.D

Acq: 13 Oct 2015 15:12

Instrument :

BNA_F

ClientSampleId :

PB86065BS

Tot Ion:216 Resp: 161499

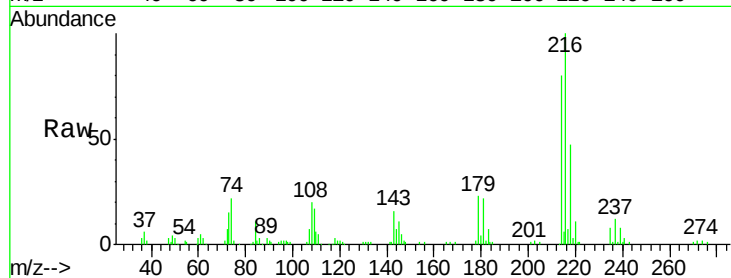
Ion	Ratio	Lower	Upper
216	100		
214	78.1	64.6	97.0
179	20.1	17.6	26.4
108	17.9	14.5	21.7

216 100

214 78.1 64.6 97.0

179 20.1 17.6 26.4

108 17.9 14.5 21.7

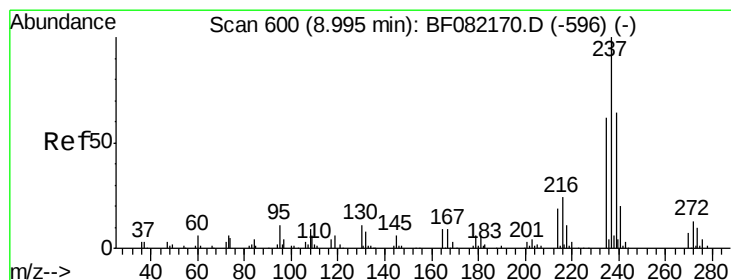
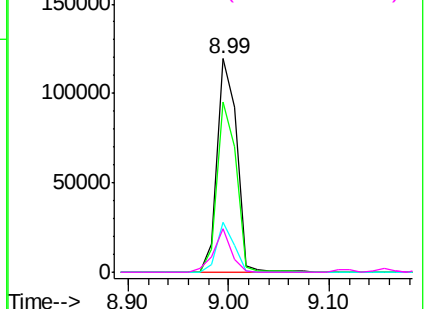
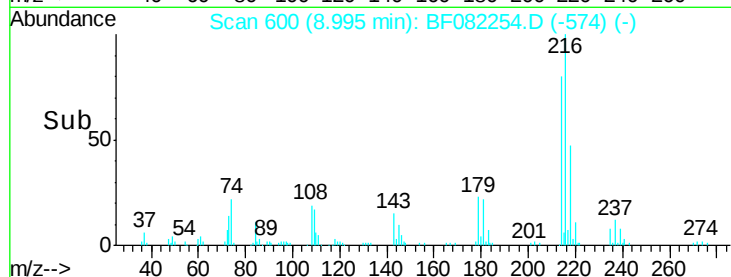


Abundance Ion 216.00 (215.70 to 216.70): E

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: 64.35 ng

RT: 8.98 min Scan# 599

Delta R.T. -0.00 min

Lab File: BF082254.D

Acq: 13 Oct 2015 15:12

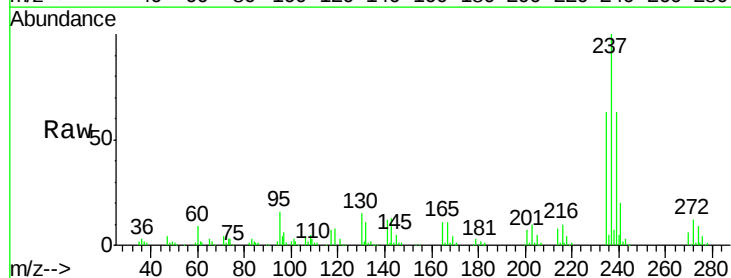
Tgt Ion:237 Resp: 147059

Ion	Ratio	Lower	Upper
237	100		
235	63.5	41.7	81.7
272	12.0	0.0	32.8

237 100

235 63.5 41.7 81.7

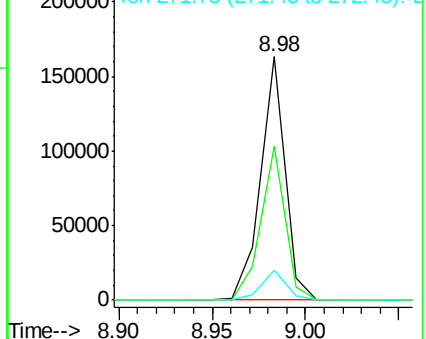
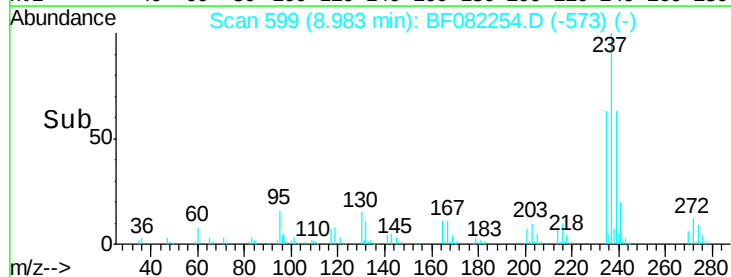
272 12.0 0.0 32.8

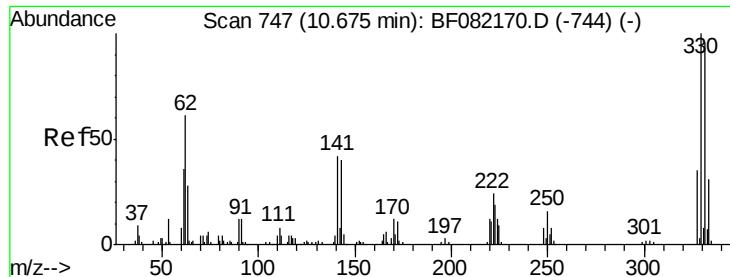


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

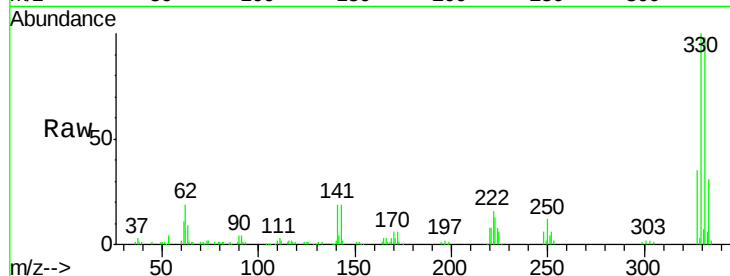




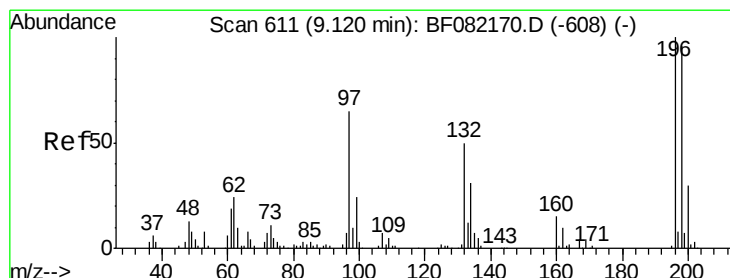
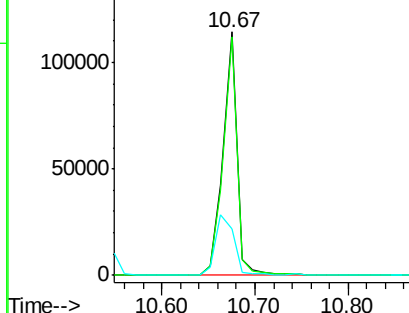
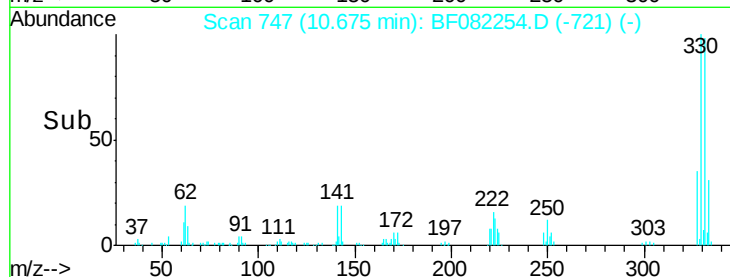
#41
 2,4,6-Tribromophenol
 Concen: 82.03 ng
 RT: 10.67 min Scan# 747
 Delta R.T. -0.00 min
 Lab File: BF082254.D
 Acq: 13 Oct 2015 15:12

Instrument :
 BNA_F
 ClientSampleId :
 PB86065BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.1	115.7
141	32.7	29.8	44.8

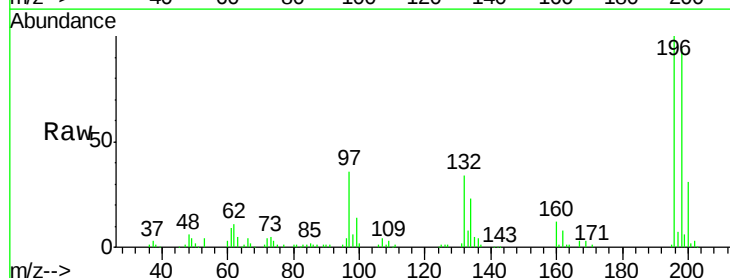


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

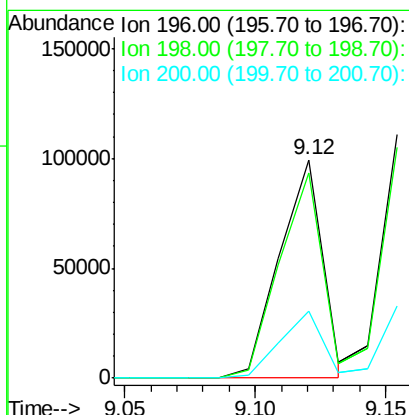
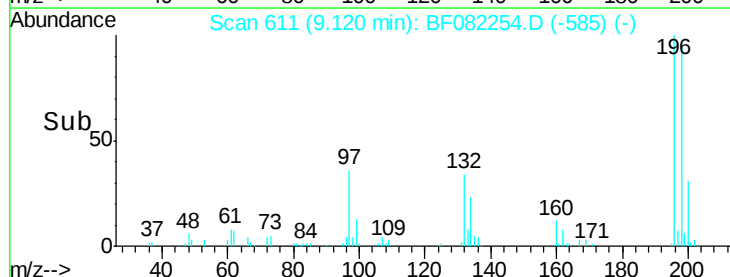


#42
 2,4,6-Trichlorophenol
 Concen: 36.67 ng
 RT: 9.12 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF082254.D
 Acq: 13 Oct 2015 15:12

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.0	76.6	115.0
200	30.8	23.7	35.5



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

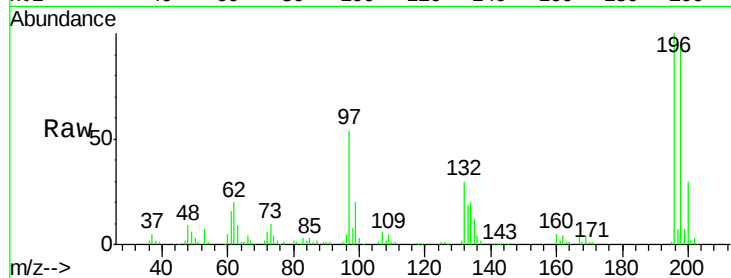




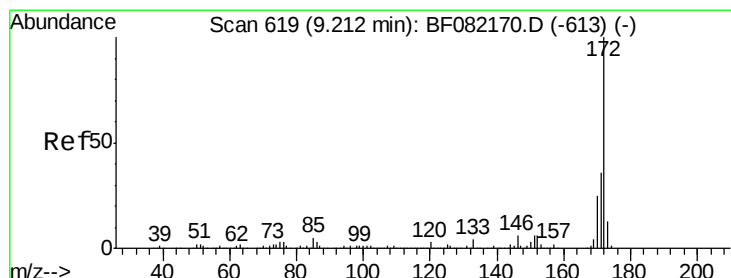
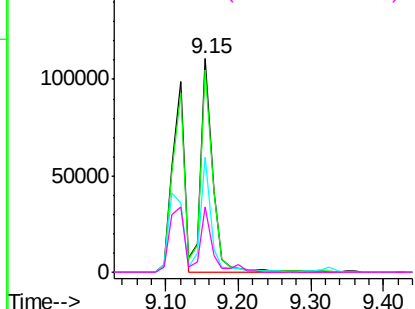
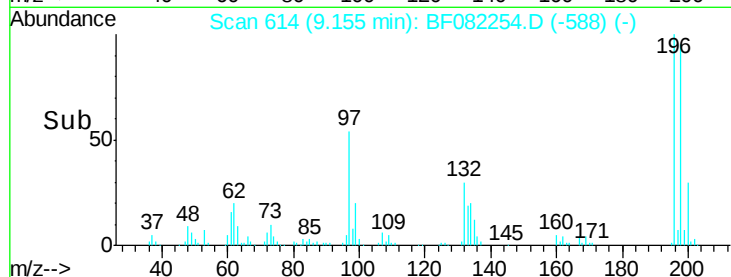
#43
 2,4,5-Trichlorophenol
 Concen: 37.60 ng
 RT: 9.15 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: BF082254.D
 Acq: 13 Oct 2015 15:12

Instrument :
 BNA_F
 ClientSampleId :
 PB86065BS

Tot Ion:196 Resp: 125726
 Ion Ratio Lower Upper
 196 100
 198 94.7 77.0 115.4
 97 54.0 31.9 47.9#
 132 30.4 20.3 30.5

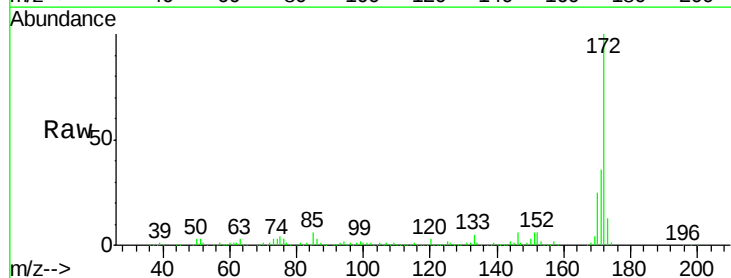


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

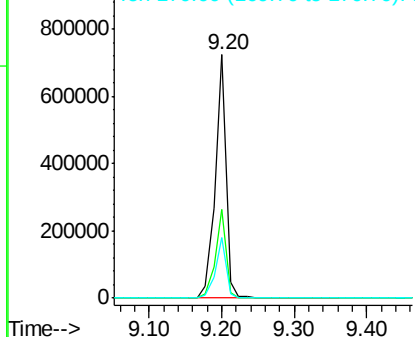
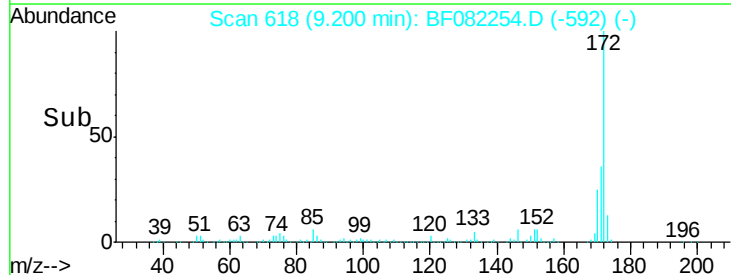


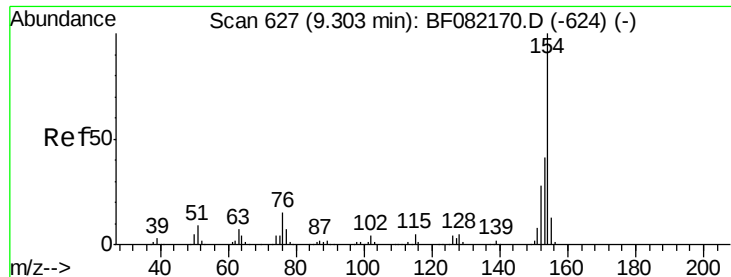
#44
 2-Fluorobiphenyl
 Concen: 79.57 ng
 RT: 9.20 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF082254.D
 Acq: 13 Oct 2015 15:12

Tgt Ion:172 Resp: 749638
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.6 42.8
 170 24.6 19.7 29.5



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

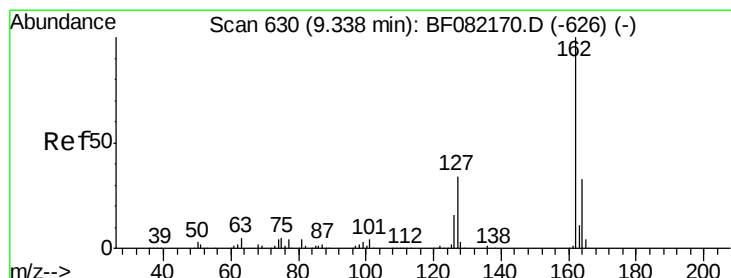
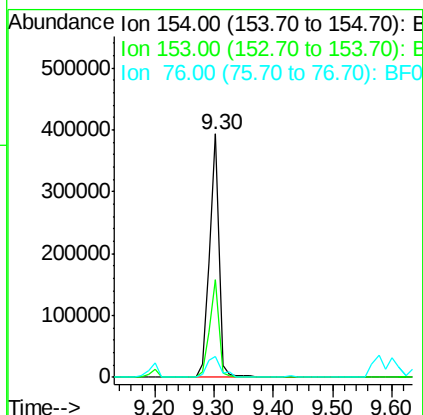
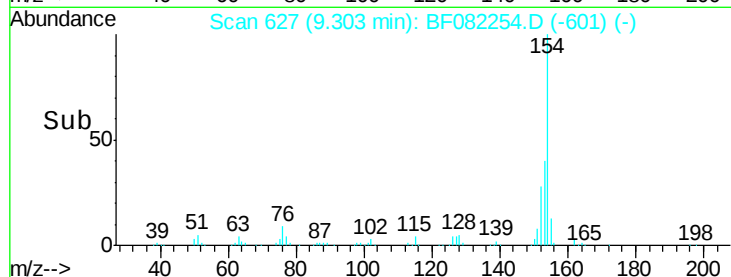
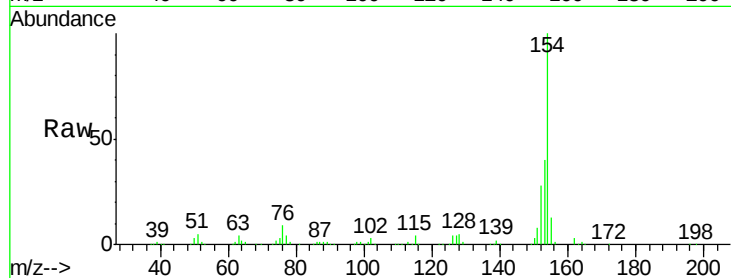




#45
 1,1'-Biphenyl
 Concen: 36.70 ng
 RT: 9.30 min Scan# 627
 Delta R.T. -0.00 min
 Lab File: BF082254.D
 Acq: 13 Oct 2015 15:12

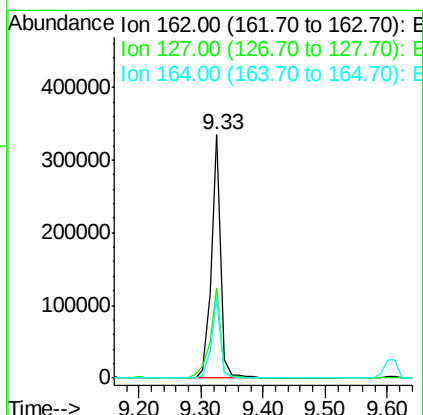
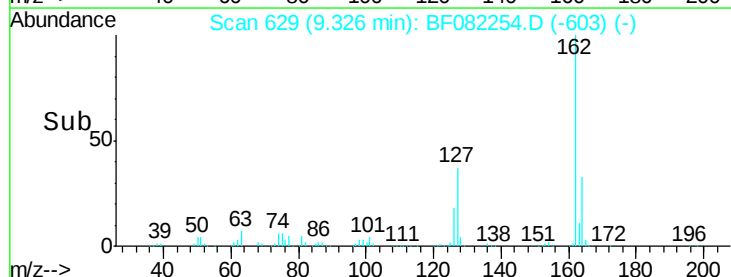
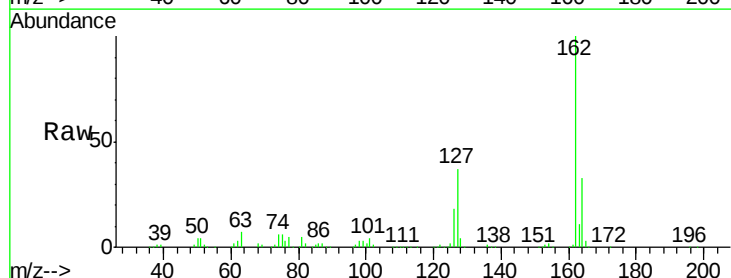
Instrument :
 BNA_F
 ClientSampleId :
 PB86065BS

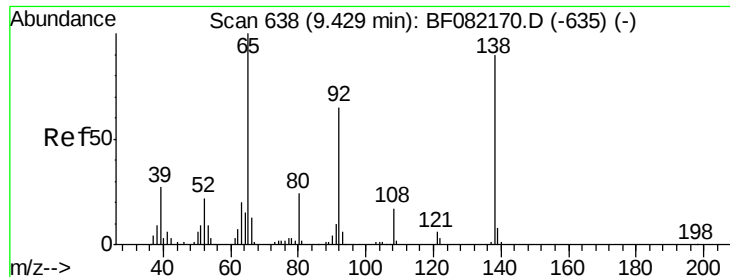
Tot Ion:154 Resp: 437292
 Ion Ratio Lower Upper
 154 100
 153 40.3 20.6 60.6
 76 8.7 0.0 35.2



#46
 2-Chloronaphthalene
 Concen: 36.94 ng
 RT: 9.33 min Scan# 629
 Delta R.T. -0.00 min
 Lab File: BF082254.D
 Acq: 13 Oct 2015 15:12

Tgt Ion:162 Resp: 346499
 Ion Ratio Lower Upper
 162 100
 127 36.8 27.5 41.3
 164 33.3 26.6 39.8





#47

2-Nitroaniline

Concen: 41.05 ng

RT: 9.43 min Scan# 638

Delta R.T. -0.00 min

Lab File: BF082254.D

Acq: 13 Oct 2015 15:12

Instrument :

BNA_F

ClientSampleId :

PB86065BS

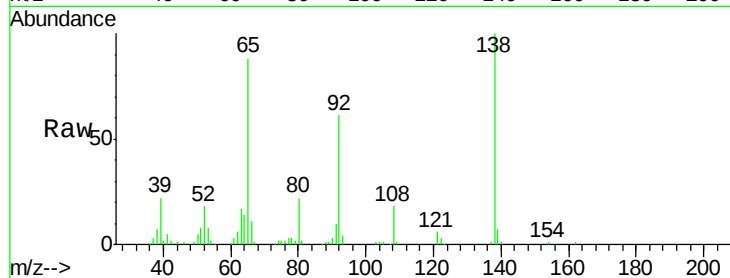
Tot Ion: 65 Resp: 105691

Ion Ratio Lower Upper

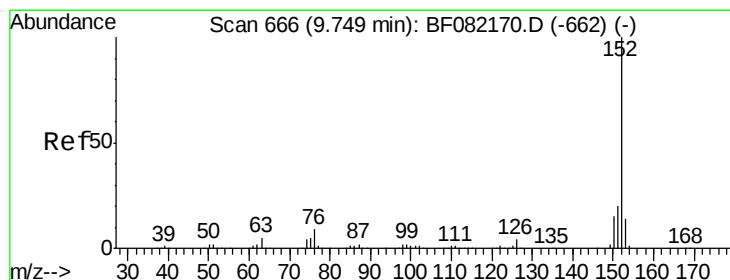
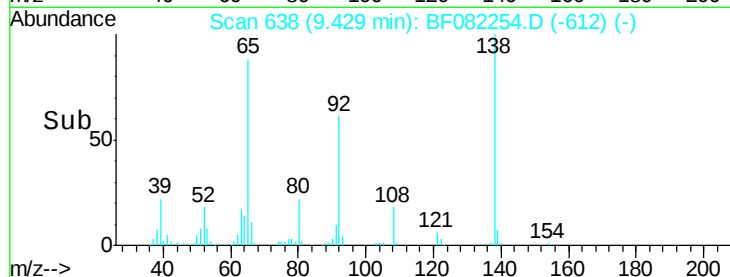
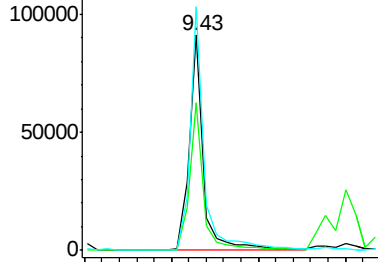
65 100

92 68.8 52.3 78.5

138 113.1 72.2 108.4#



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: 35.07 ng

RT: 9.74 min Scan# 665

Delta R.T. -0.00 min

Lab File: BF082254.D

Acq: 13 Oct 2015 15:12

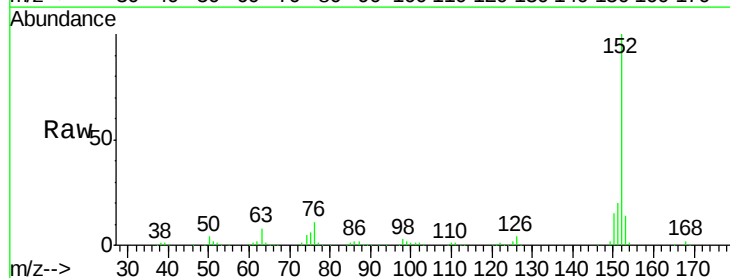
Tgt Ion: 152 Resp: 512438

Ion Ratio Lower Upper

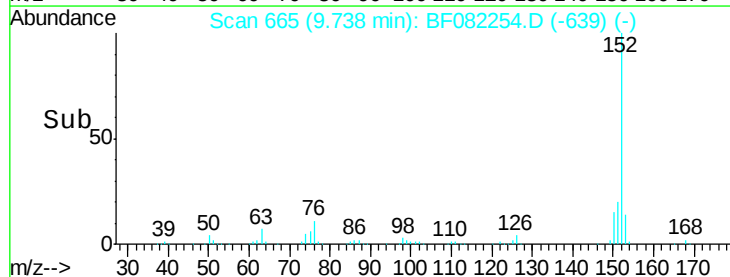
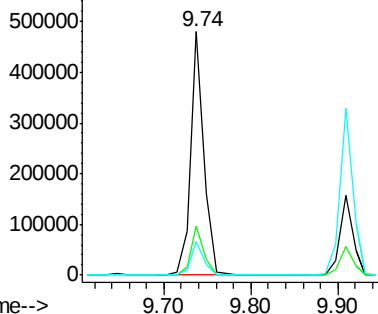
152 100

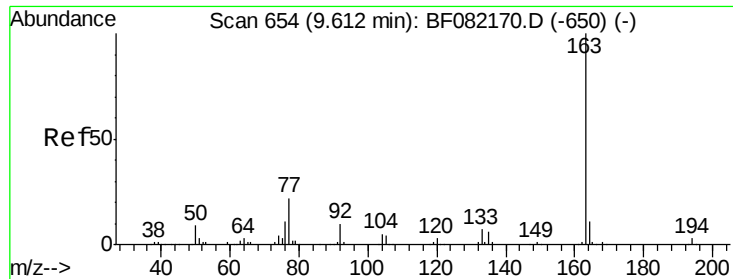
151 20.4 16.4 24.6

153 13.8 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

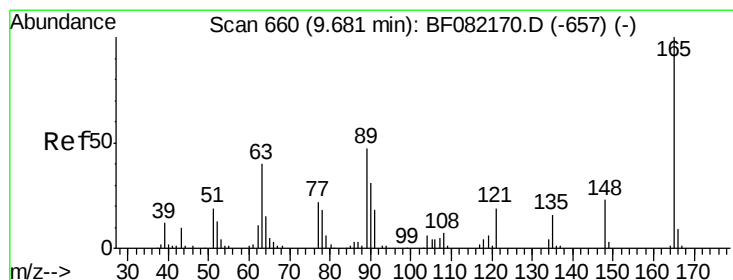
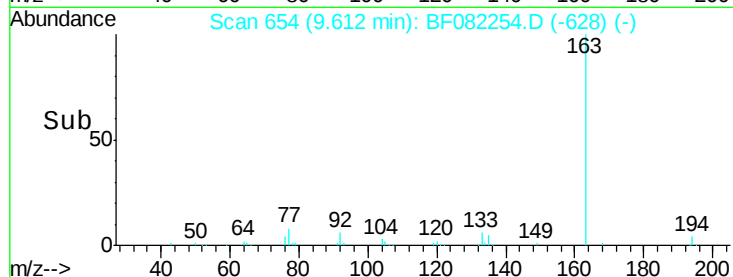
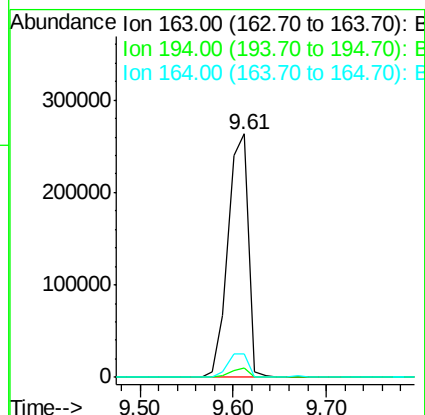
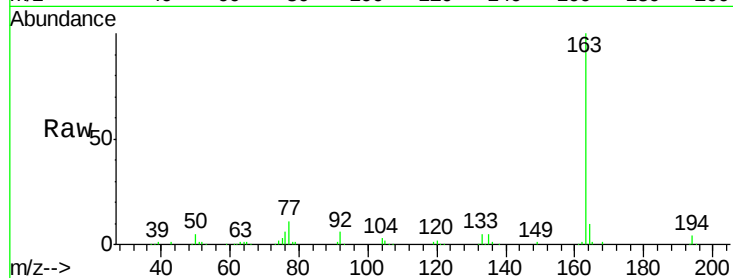




#49
Dimethylphthalate
Concen: 36.51 ng
RT: 9.61 min Scan# 654
Delta R.T. -0.00 min
Lab File: BF082254.D
Acq: 13 Oct 2015 15:12

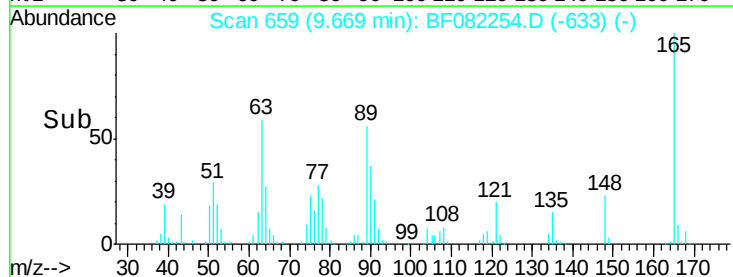
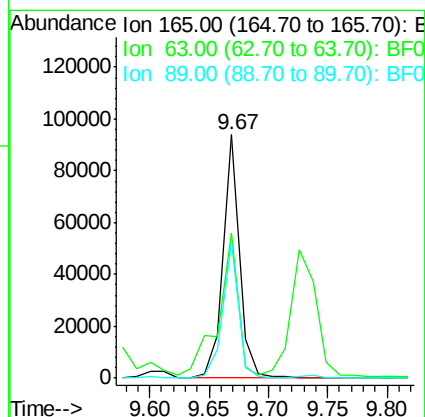
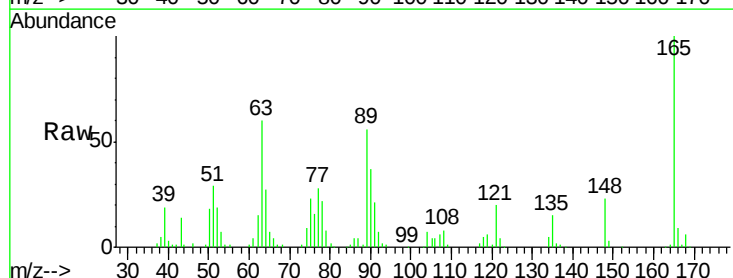
Instrument :
BNA_F
ClientSampleId :
PB86065BS

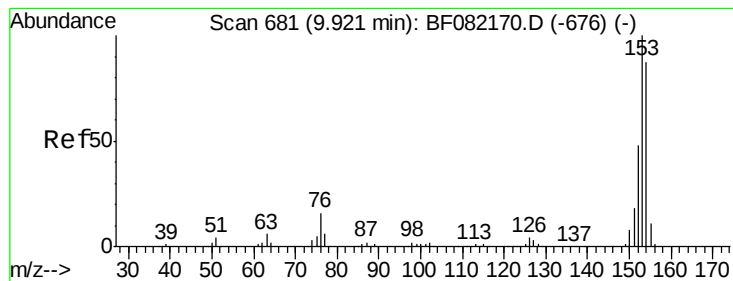
Tot Ion:163 Resp: 401652
Ion Ratio Lower Upper
163 100
194 4.0 2.6 4.0#
164 9.5 8.5 12.7



#50
2,6-Dinitrotoluene
Concen: 38.53 ng
RT: 9.67 min Scan# 659
Delta R.T. -0.00 min
Lab File: BF082254.D
Acq: 13 Oct 2015 15:12

Tgt Ion:165 Resp: 89456
Ion Ratio Lower Upper
165 100
63 59.6 36.7 55.1#
89 55.7 37.8 56.6





#51

Acenaphthene

Concen: 35.95 ng

RT: 9.91 min Scan# 680

Delta R.T. -0.00 min

Lab File: BF082254.D

Acq: 13 Oct 2015 15:12

Instrument :

BNA_F

ClientSampleId :

PB86065BS

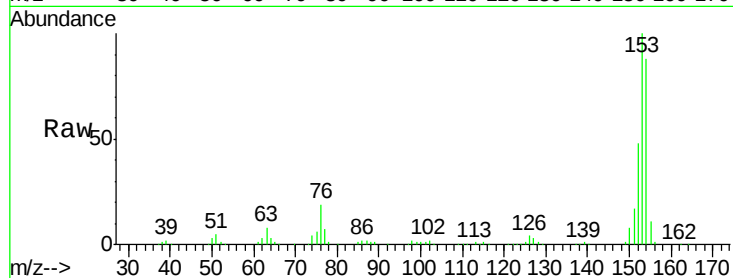
Tot Ion:154 Resp: 315284

Ion Ratio Lower Upper

154 100

153 113.9 91.4 137.2

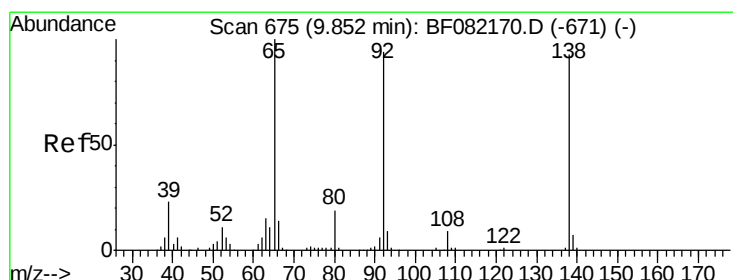
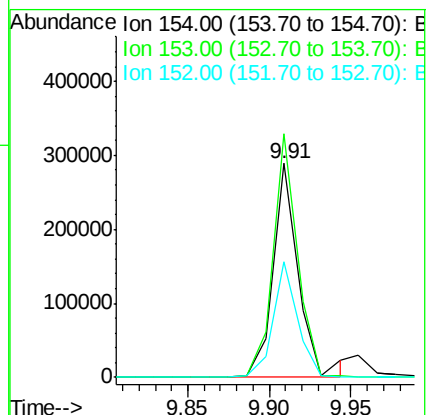
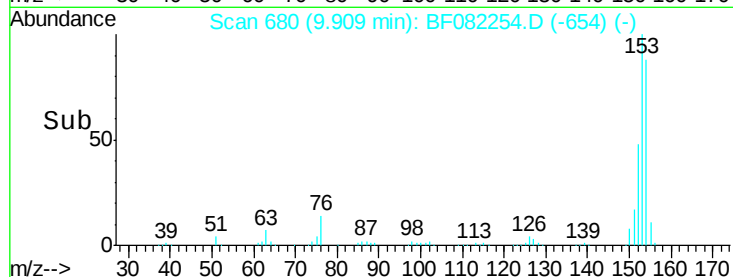
152 54.3 44.3 66.5



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: 17.02 ng

RT: 9.84 min Scan# 674

Delta R.T. -0.00 min

Lab File: BF082254.D

Acq: 13 Oct 2015 15:12

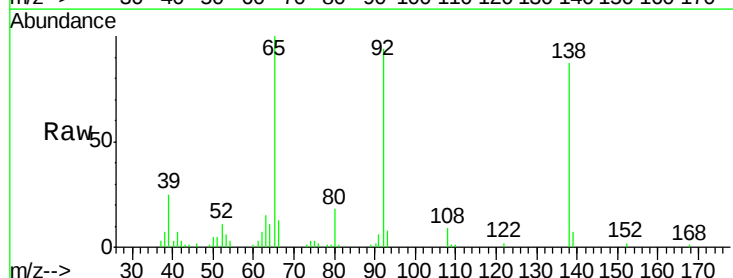
Tgt Ion:138 Resp: 44633

Ion Ratio Lower Upper

138 100

108 10.7 7.4 11.0

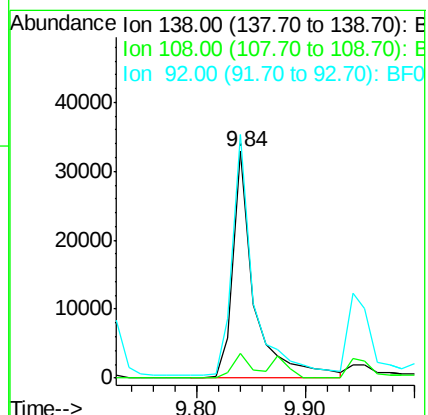
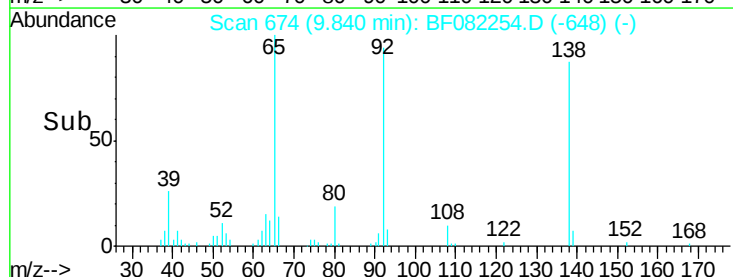
92 107.4 81.3 121.9



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

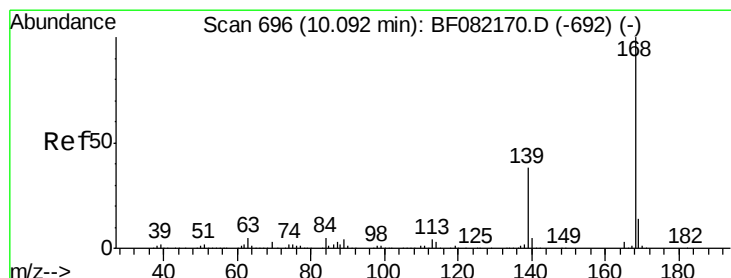
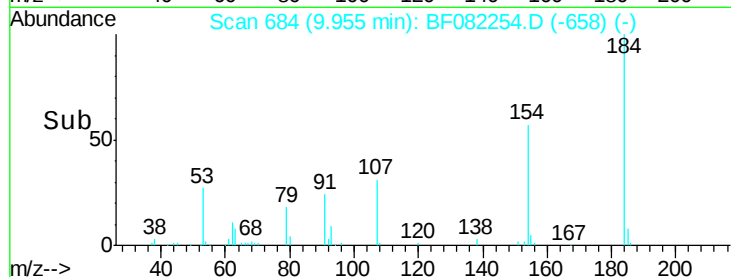
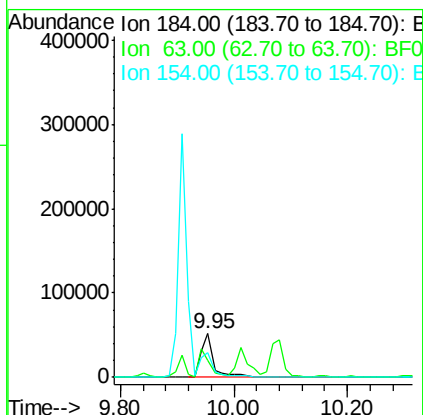
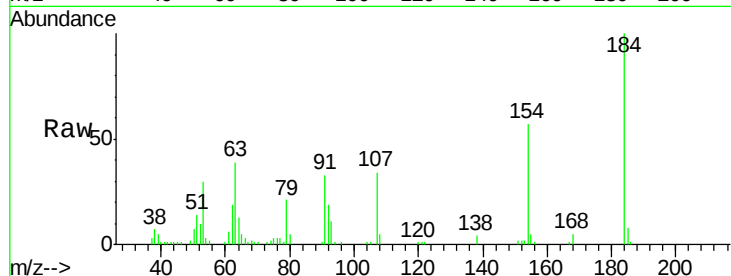




#53
2,4-Dinitrophenol
Concen: 62.82 ng
RT: 9.95 min Scan# 684
Delta R.T. -0.00 min
Lab File: BF082254.D
Acq: 13 Oct 2015 15:12

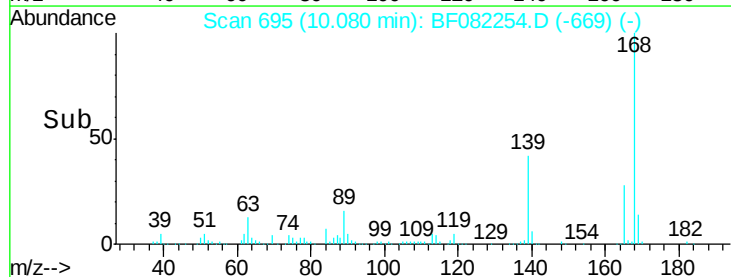
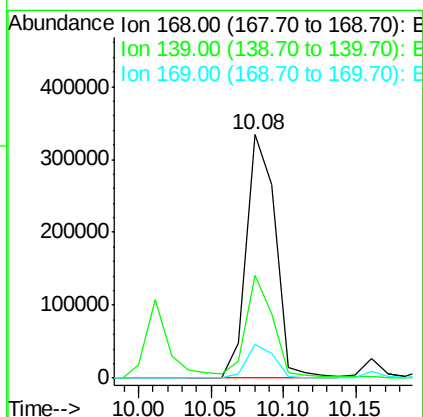
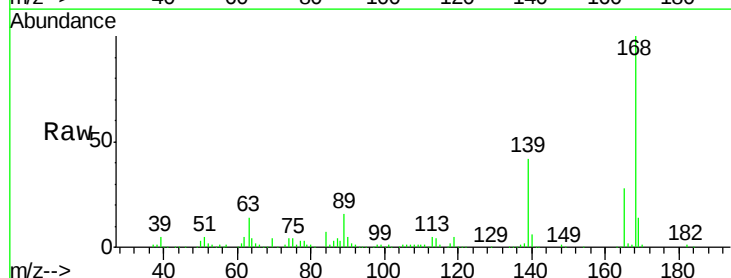
Instrument :
BNA_F
ClientSampleId :
PB86065BS

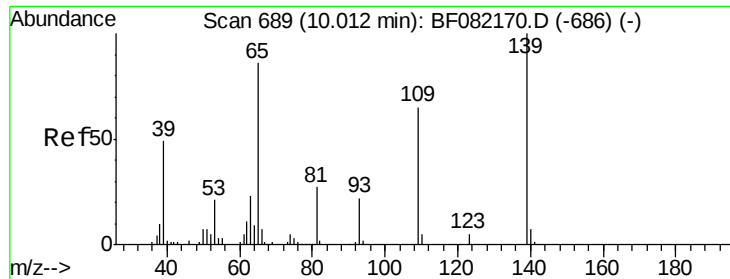
Tot Ion:184 Resp: 79561
Ion Ratio Lower Upper
184 100
63 38.8 45.1 67.7#
154 57.3 51.2 76.8



#54
Dibenzofuran
Concen: 38.57 ng
RT: 10.08 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF082254.D
Acq: 13 Oct 2015 15:12

Tgt Ion:168 Resp: 464448
Ion Ratio Lower Upper
168 100
139 42.1 31.0 46.6
169 13.9 10.9 16.3





#55

4-Nitrophenol

Concen: 71.91 ng

RT: 10.01 min Scan# 689

Delta R.T. -0.00 min

Lab File: BF082254.D

Acq: 13 Oct 2015 15:12

Instrument :

BNA_F

ClientSampleId :

PB86065BS

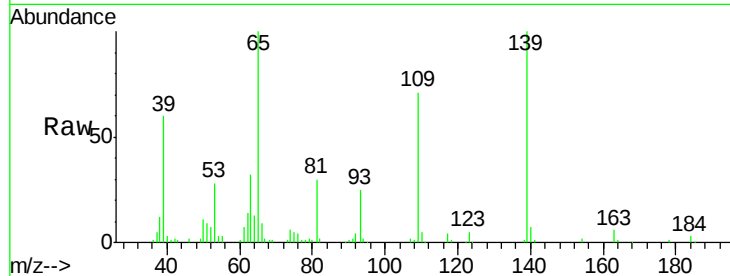
Tot Ion:139 Resp: 124986

Ion Ratio Lower Upper

139 100

109 70.7 44.8 84.8

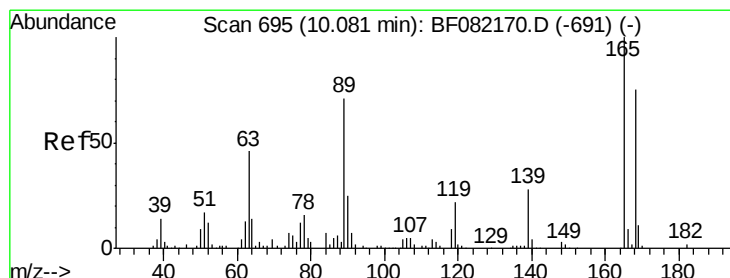
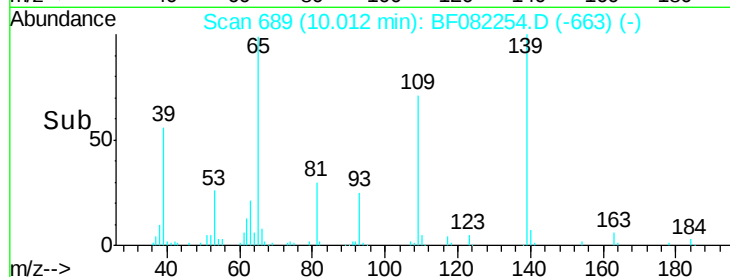
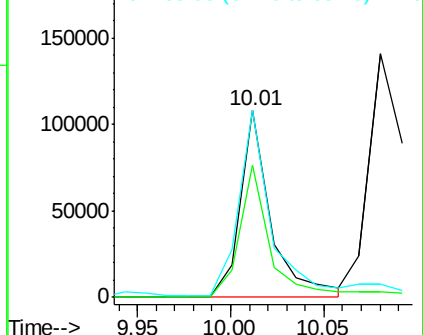
65 100.2 67.7 107.7



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E



#56

2,4-Dinitrotoluene

Concen: 41.36 ng

RT: 10.08 min Scan# 695

Delta R.T. -0.00 min

Lab File: BF082254.D

Acq: 13 Oct 2015 15:12

Tgt Ion:165 Resp: 120017

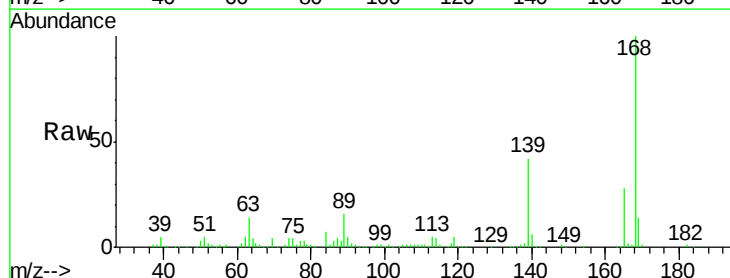
Ion Ratio Lower Upper

165 100

63 48.8 38.6 58.0

89 58.8 57.0 85.6

182 2.6 1.8 2.6

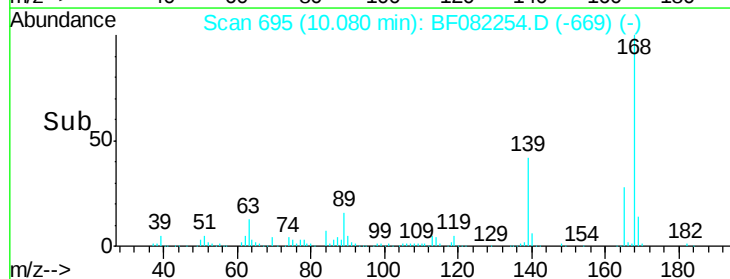
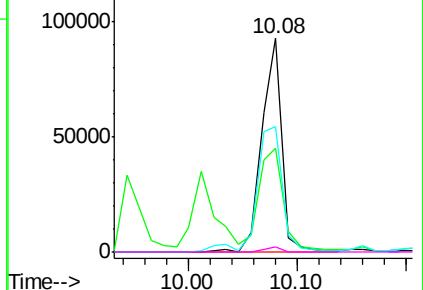


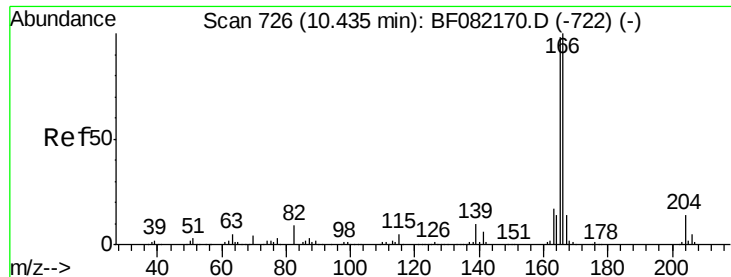
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 37.95 ng

RT: 10.42 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF082254.D

Acq: 13 Oct 2015 15:12

Instrument :

BNA_F

ClientSampleId :

PB86065BS

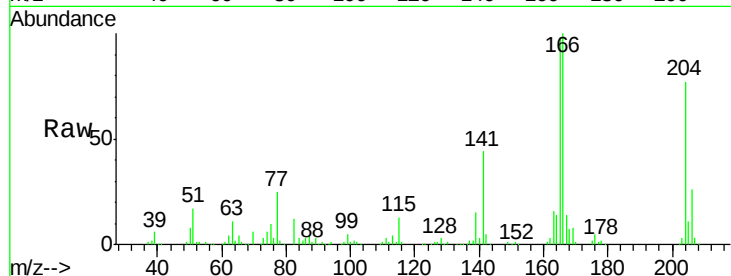
Tot Ion:166 Resp: 375352

Ion Ratio Lower Upper

166 100

165 98.3 78.3 117.5

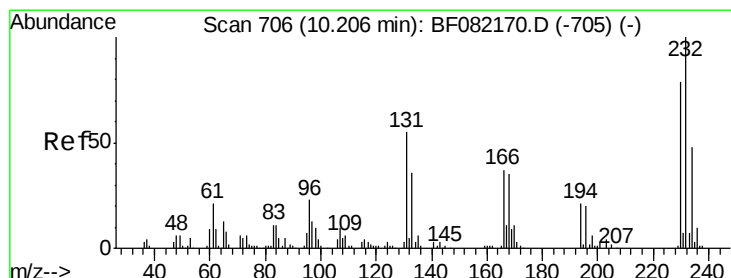
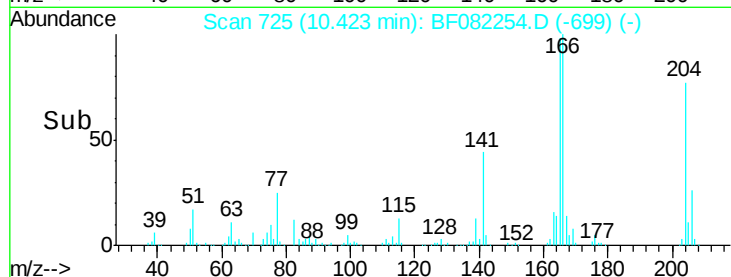
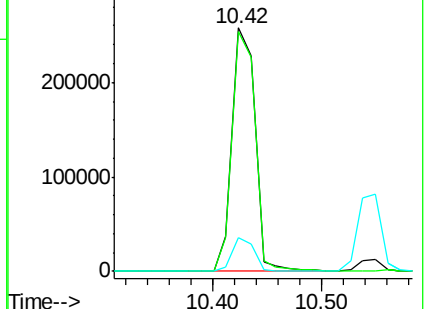
167 13.8 10.8 16.2



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: 40.10 ng

RT: 10.21 min Scan# 706

Delta R.T. -0.00 min

Lab File: BF082254.D

Acq: 13 Oct 2015 15:12

Tgt Ion:232 Resp: 109540

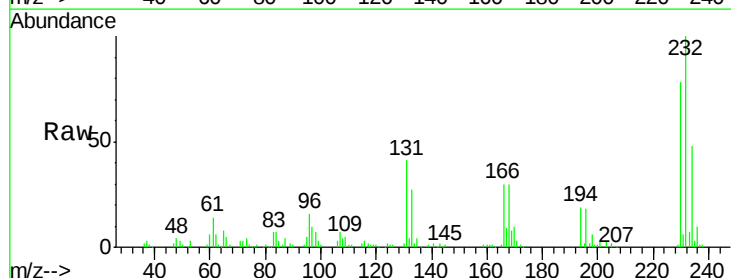
Ion Ratio Lower Upper

232 100

131 43.2 36.6 54.8

130 2.0 1.5 2.3

166 30.0 24.6 37.0

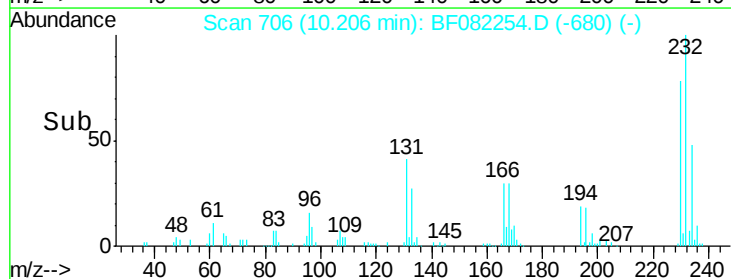
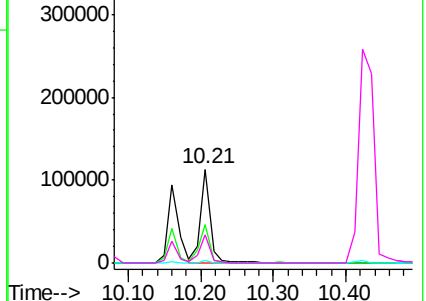


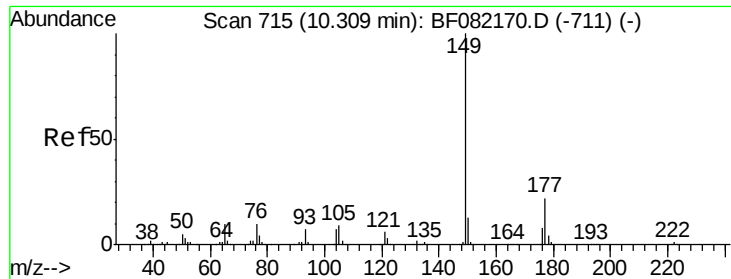
Abundance Ion 232.00 (231.70 to 232.70): E

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

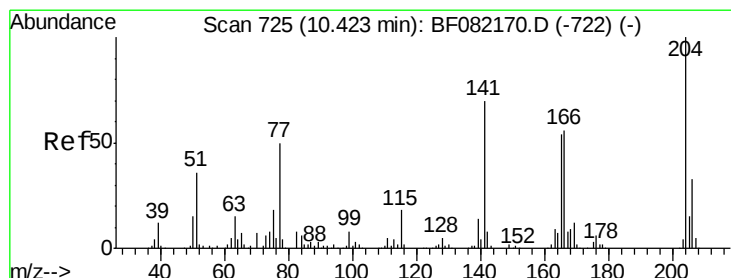
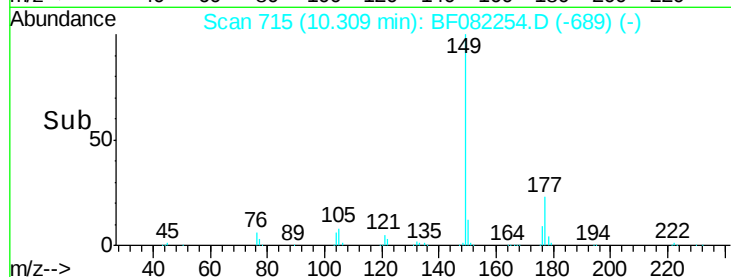
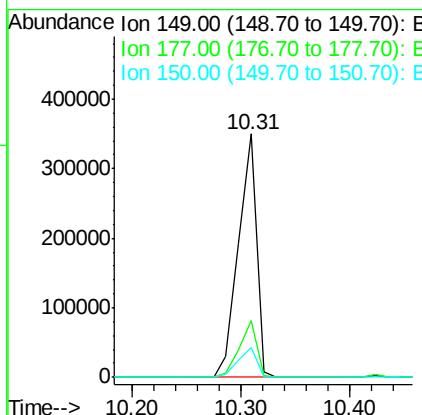
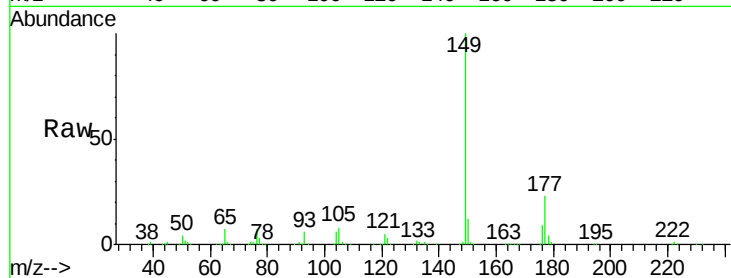




#59
Diethylphthalate
Concen: 39.08 ng
RT: 10.31 min Scan# 715
Delta R.T. -0.00 min
Lab File: BF082254.D
Acq: 13 Oct 2015 15:12

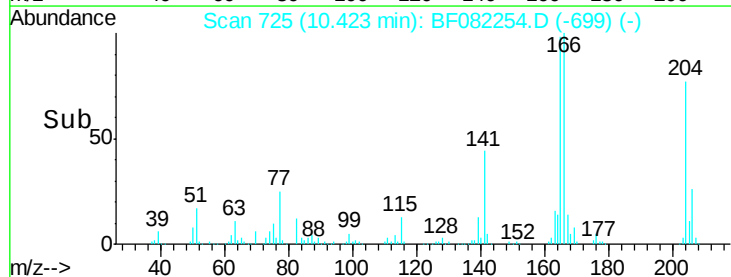
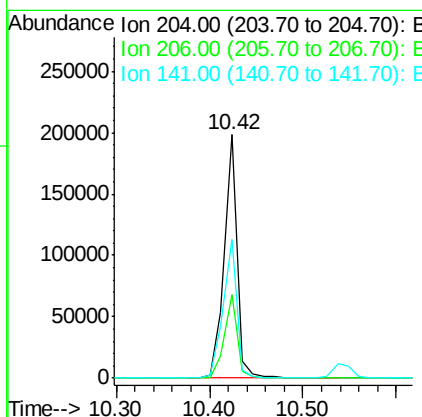
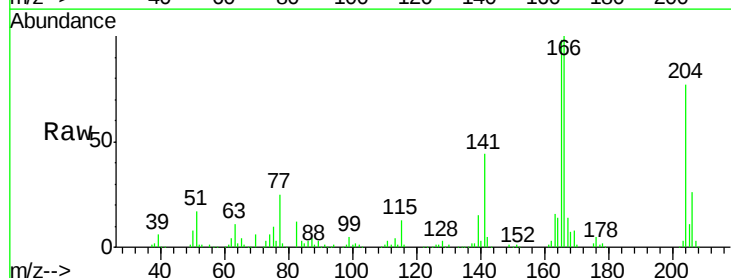
Instrument :
BNA_F
ClientSampleId :
PB86065BS

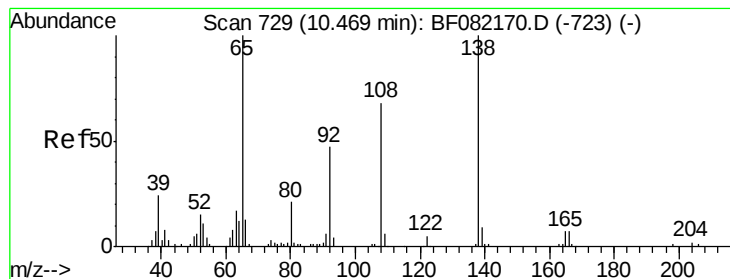
Tot Ion:149 Resp: 400767
Ion Ratio Lower Upper
149 100
177 23.3 17.6 26.4
150 12.3 10.3 15.5



#60
4-Chlorophenyl-phenylether
Concen: 41.71 ng
RT: 10.42 min Scan# 725
Delta R.T. -0.00 min
Lab File: BF082254.D
Acq: 13 Oct 2015 15:12

Tgt Ion:204 Resp: 188988
Ion Ratio Lower Upper
204 100
206 34.3 26.8 40.2
141 56.8 56.1 84.1





#61

4-Nitroaniline

Concen: 36.64 ng

RT: 10.46 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF082254.D

Acq: 13 Oct 2015 15:12

Instrument :

BNA_F

ClientSampleId :

PB86065BS

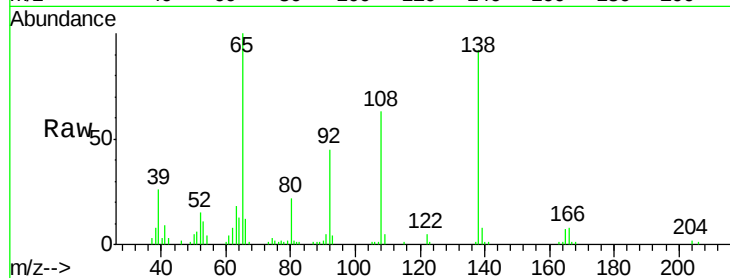
Tot Ion:138 Resp: 93185

Ion Ratio Lower Upper

138 100

92 48.8 26.8 66.8

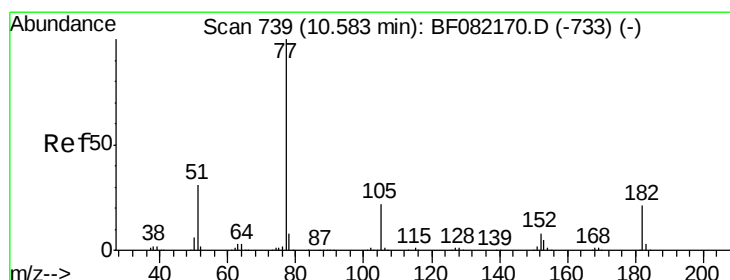
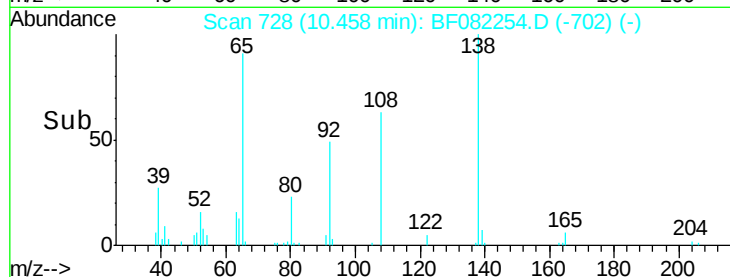
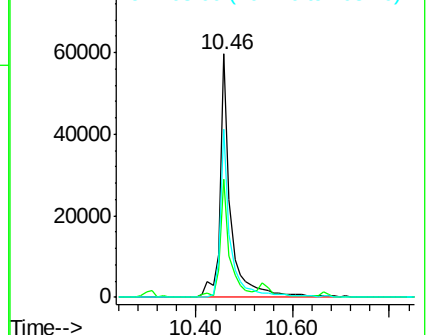
108 69.1 48.4 88.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 39.57 ng

RT: 10.58 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF082254.D

Acq: 13 Oct 2015 15:12

Tgt Ion: 77 Resp: 397185

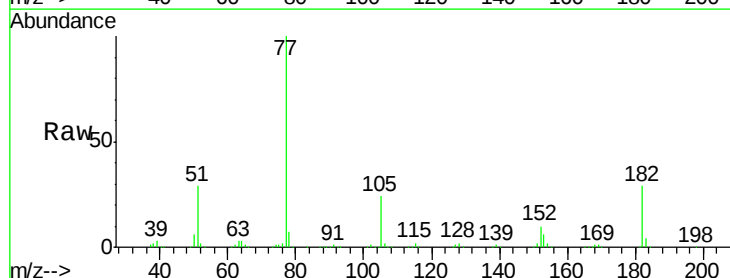
Ion Ratio Lower Upper

77 100

182 28.7 0.5 40.5

105 23.7 1.8 41.8

51 29.2 11.2 51.2

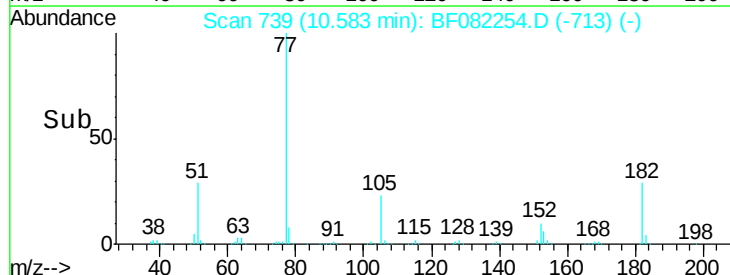
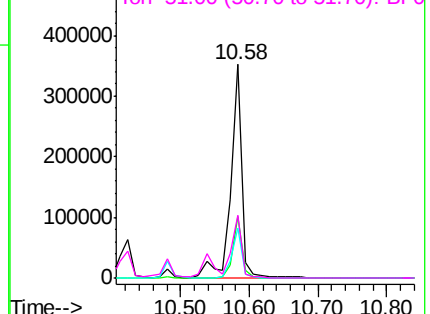


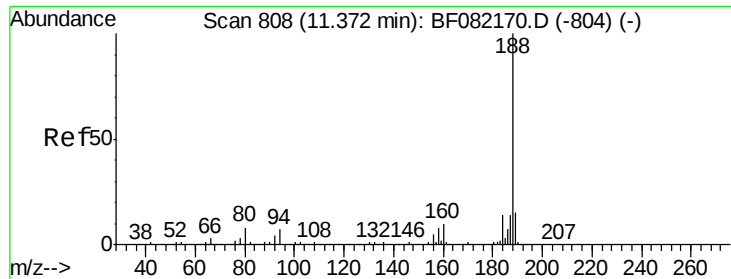
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

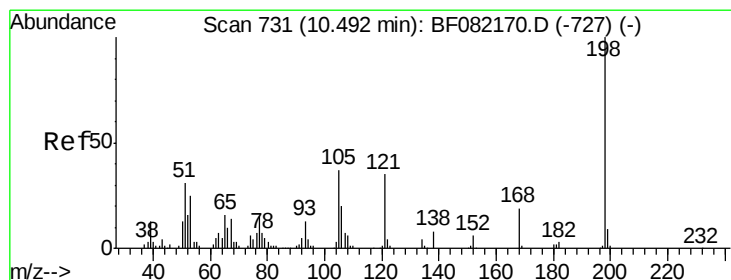
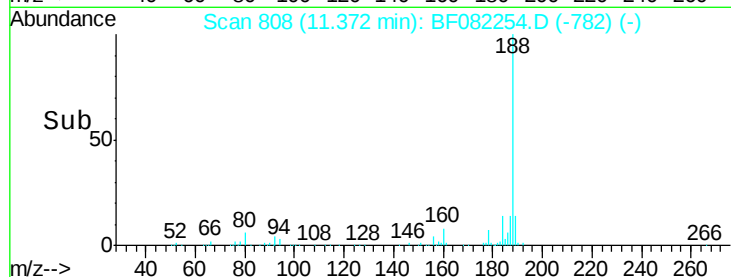
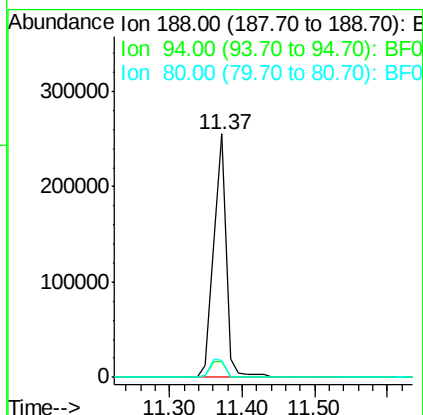
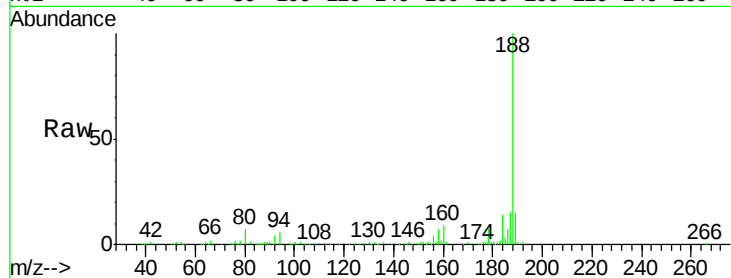




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF082254.D
Acq: 13 Oct 2015 15:12

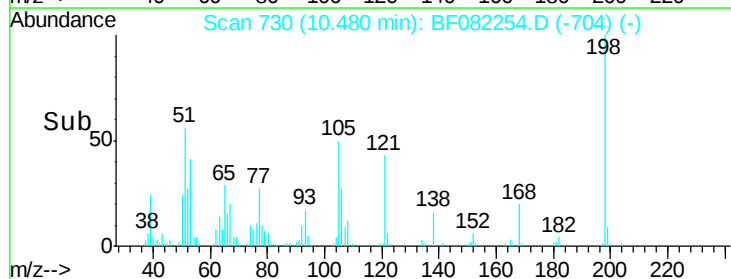
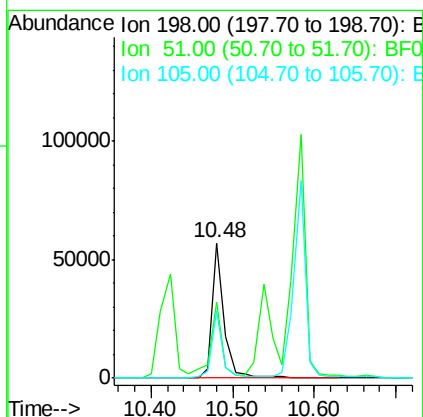
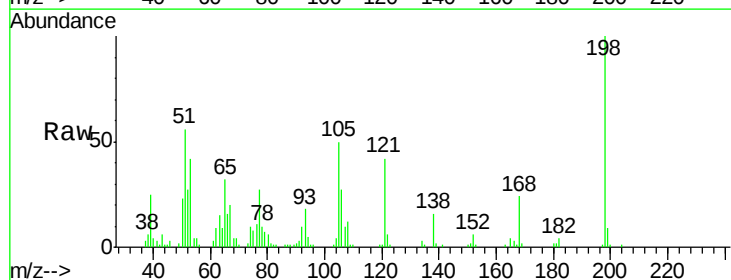
Instrument :
BNA_F
ClientSampleId :
PB86065BS

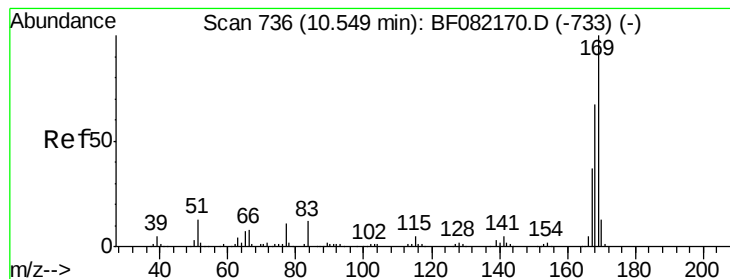
Tot Ion:188 Resp: 308611
Ion Ratio Lower Upper
188 100
94 6.4 5.8 8.6
80 6.8 6.4 9.6



#64
4,6-Dinitro-2-methylphenol
Concen: 34.01 ng
RT: 10.48 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF082254.D
Acq: 13 Oct 2015 15:12

Tgt Ion:198 Resp: 58900
Ion Ratio Lower Upper
198 100
51 55.9 13.6 53.6#
105 49.6 17.1 57.1





#65

n-Nitrosodiphenylamine

Concen: 36.72 ng

RT: 10.55 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF082254.D

Acq: 13 Oct 2015 15:12

Instrument :

BNA_F

ClientSampleId :

PB86065BS

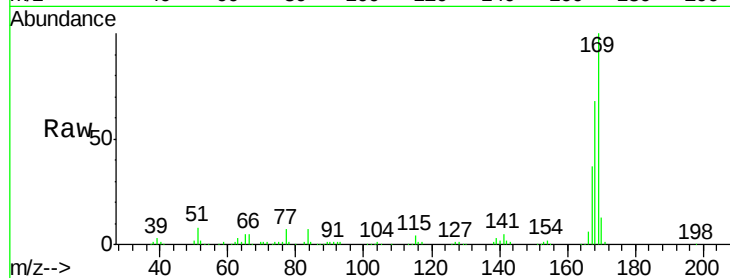
Tot Ion:169 Resp: 339325

Ion Ratio Lower Upper

169 100

168 67.9 54.0 81.0

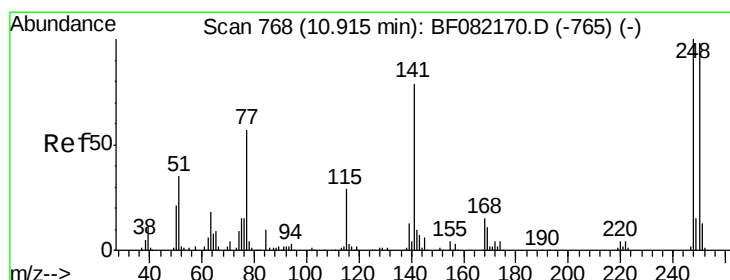
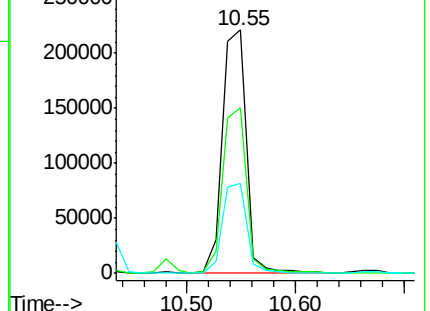
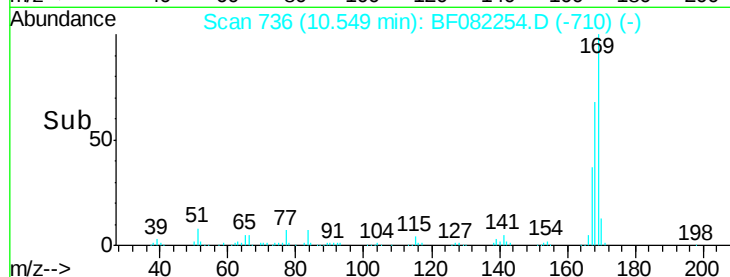
167 36.9 29.6 44.4



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: 38.91 ng

RT: 10.91 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF082254.D

Acq: 13 Oct 2015 15:12

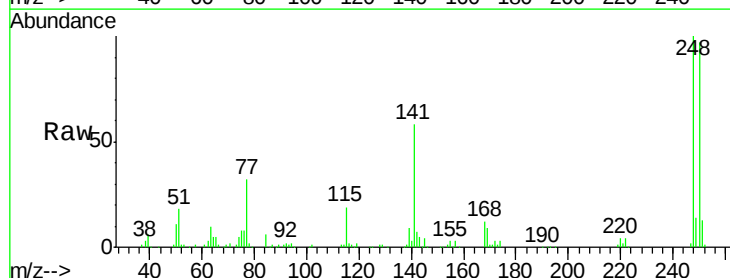
Tgt Ion:248 Resp: 120173

Ion Ratio Lower Upper

248 100

250 97.0 78.6 117.8

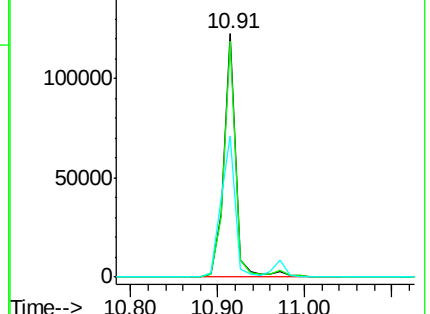
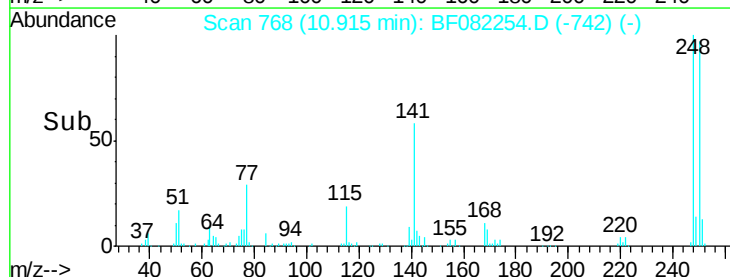
141 58.2 63.3 94.9#

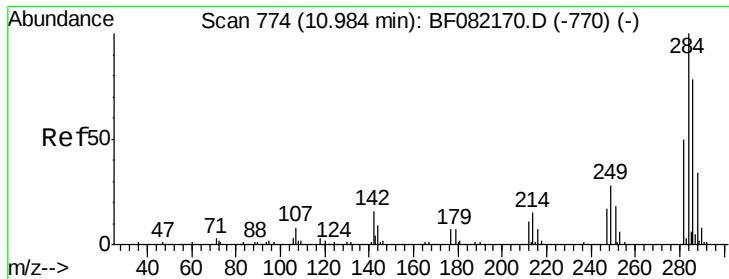


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 34.68 ng

RT: 10.97 min Scan# 773

Delta R.T. -0.00 min

Lab File: BF082254.D

Acq: 13 Oct 2015 15:12

Instrument :

BNA_F

ClientSampleId :

PB86065BS

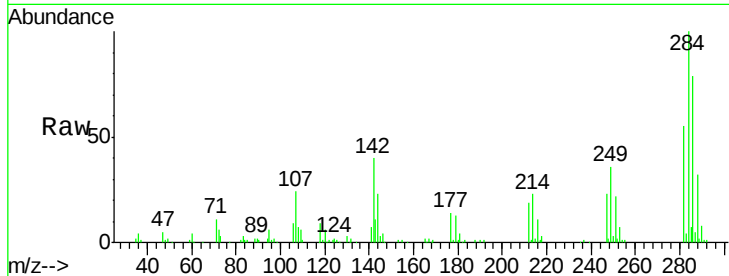
Tot Ion:284 Resp: 115855

Ion Ratio Lower Upper

284 100

142 40.5 13.0 19.6#

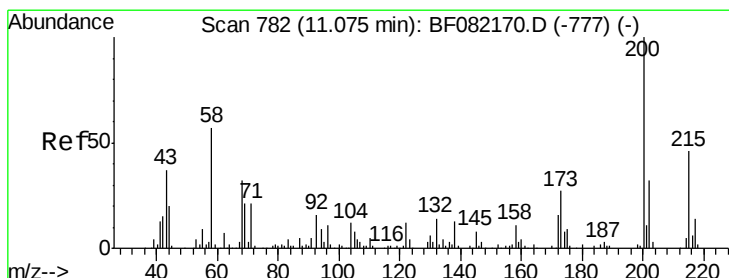
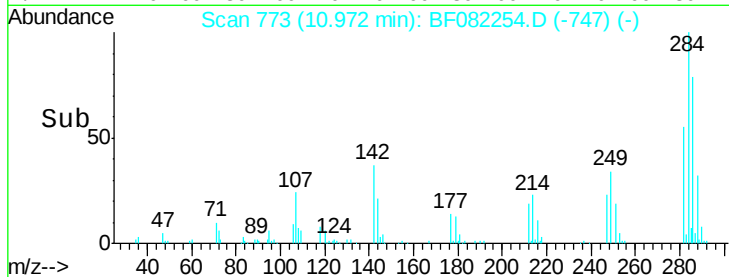
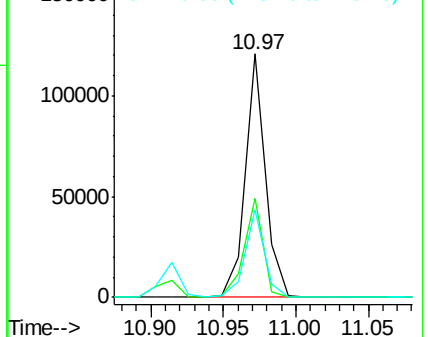
249 36.0 22.5 33.7#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 39.83 ng

RT: 11.07 min Scan# 782

Delta R.T. -0.00 min

Lab File: BF082254.D

Acq: 13 Oct 2015 15:12

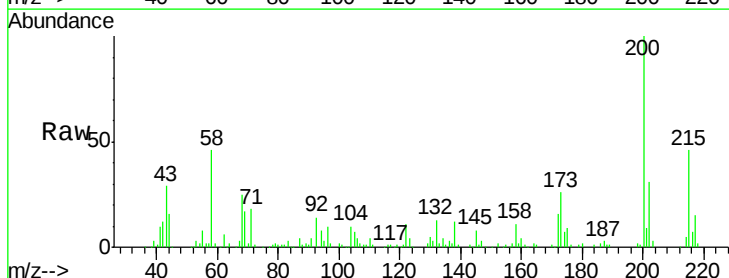
Tgt Ion:200 Resp: 116598

Ion Ratio Lower Upper

200 100

173 26.3 7.3 47.3

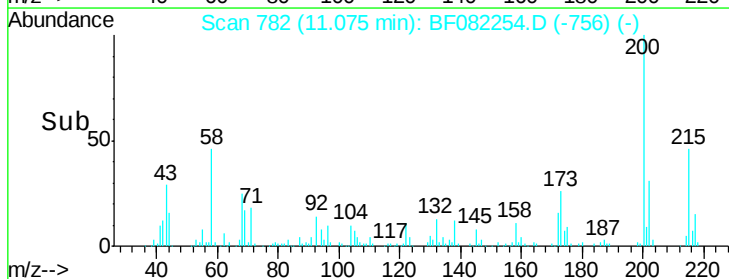
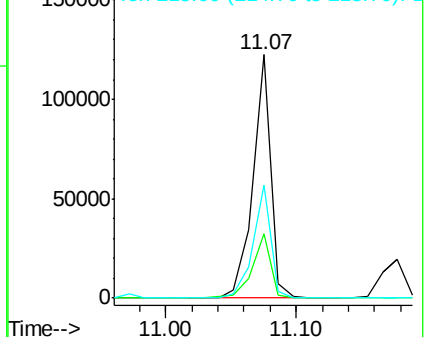
215 46.3 26.2 66.2

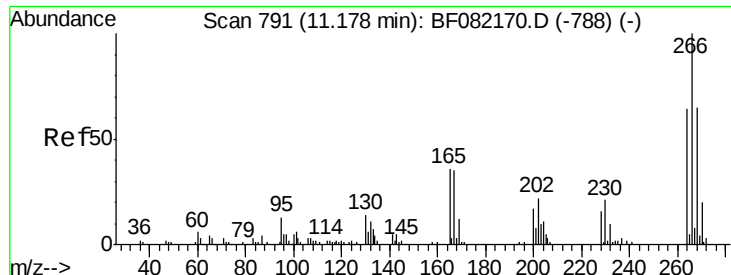


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

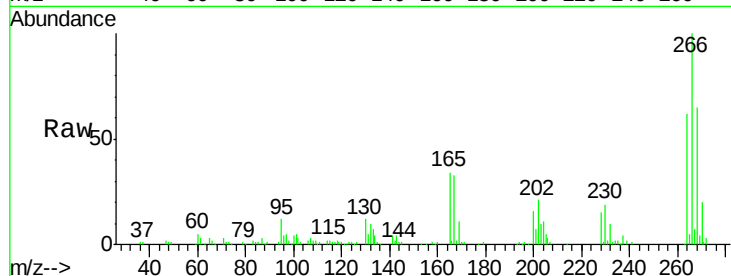




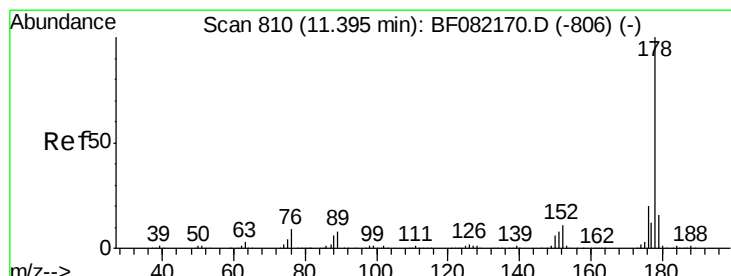
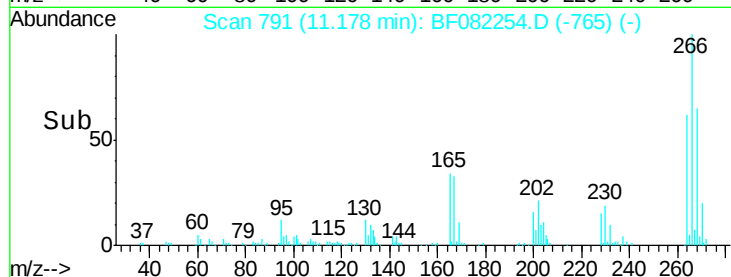
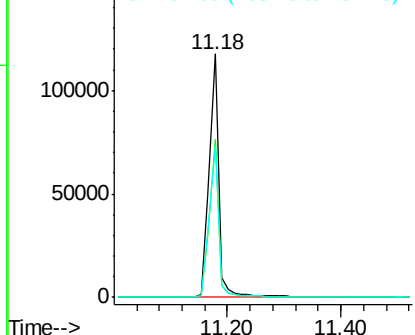
#69
 Pentachlorophenol
 Concen: 77.03 ng
 RT: 11.18 min Scan# 791
 Delta R.T. -0.00 min
 Lab File: BF082254.D
 Acq: 13 Oct 2015 15:12

Instrument :
 BNA_F
 ClientSampleId :
 PB86065BS

Tot Ion:266 Resp: 132407
 Ion Ratio Lower Upper
 266 100
 268 64.9 52.0 78.0
 264 62.1 51.4 77.0

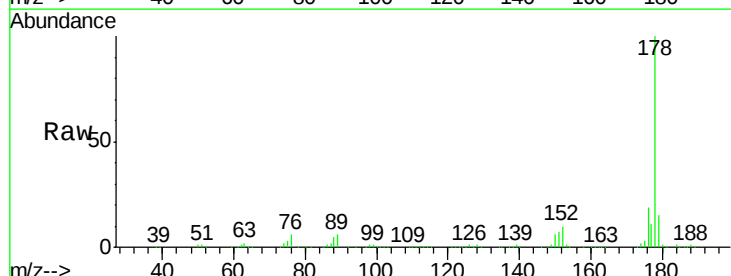


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

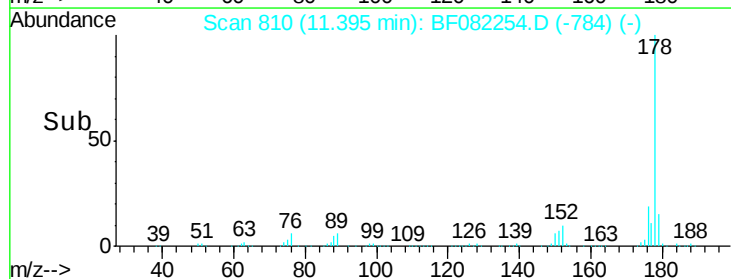
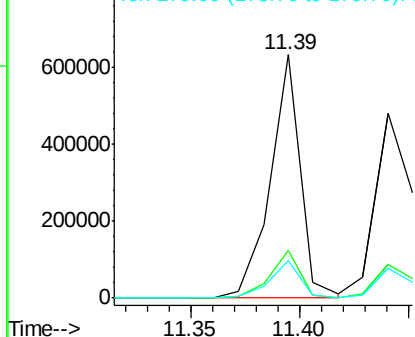


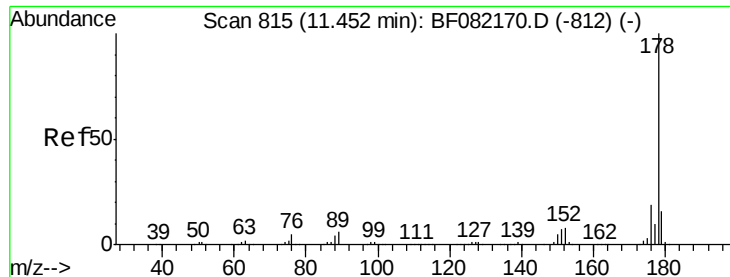
#70
 Phenanthrene
 Concen: 40.50 ng
 RT: 11.39 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF082254.D
 Acq: 13 Oct 2015 15:12

Tgt Ion:178 Resp: 612594
 Ion Ratio Lower Upper
 178 100
 176 19.5 16.0 24.0
 179 15.5 12.6 19.0



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

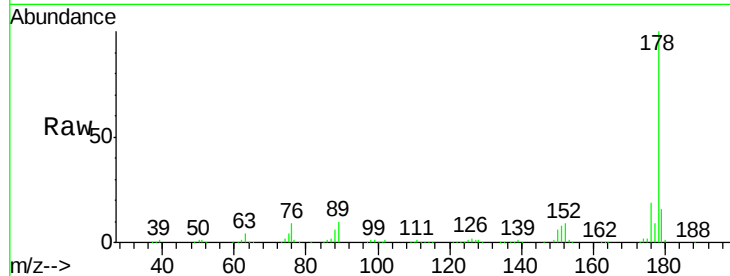




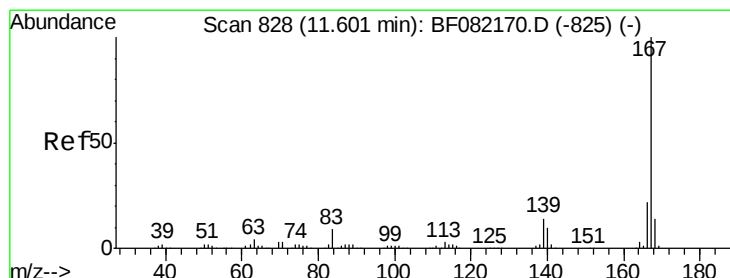
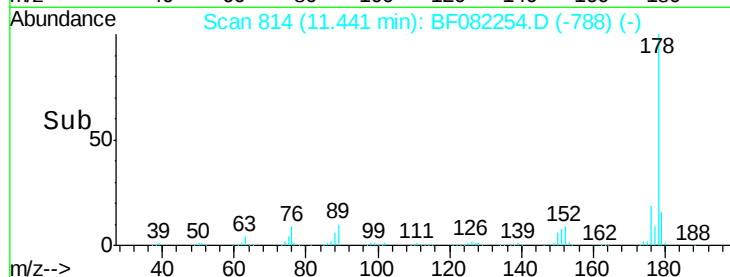
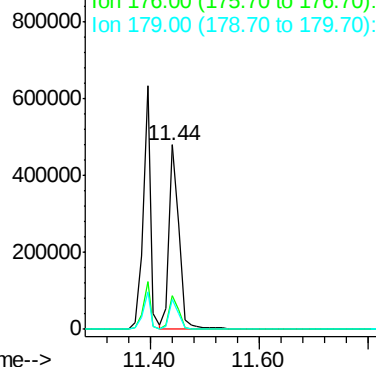
#71
 Anthracene
 Concen: 38.59 ng
 RT: 11.44 min Scan# 814
 Delta R.T. -0.00 min
 Lab File: BF082254.D
 Acq: 13 Oct 2015 15:12

Instrument :
 BNA_F
 ClientSampleId :
 PB86065BS

Tot Ion:178 Resp: 601499
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.4 23.0
 179 16.0 12.5 18.7

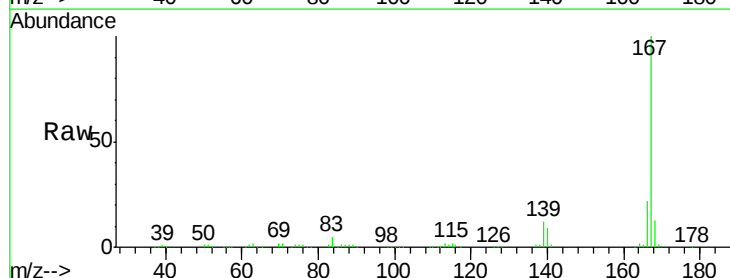


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

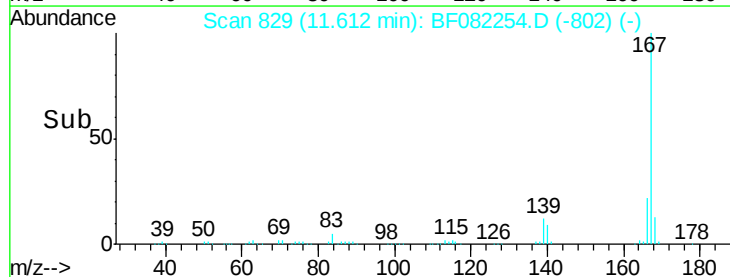
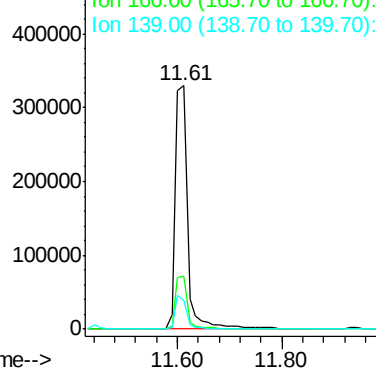


#72
 Carbazole
 Concen: 38.30 ng
 RT: 11.61 min Scan# 829
 Delta R.T. 0.01 min
 Lab File: BF082254.D
 Acq: 13 Oct 2015 15:12

Tgt Ion:167 Resp: 544682
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.3 25.9
 139 11.7 11.2 16.8



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





#73

Di-n-butylphthalate

Concen: 35.02 ng

RT: 11.93 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF082254.D

Acq: 13 Oct 2015 15:12

Instrument :

BNA_F

ClientSampleId :

PB86065BS

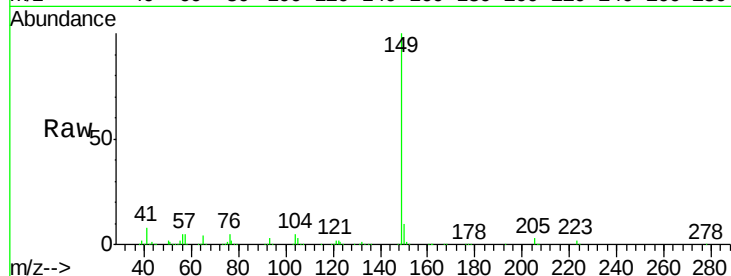
Tot Ion:149 Resp: 614383

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

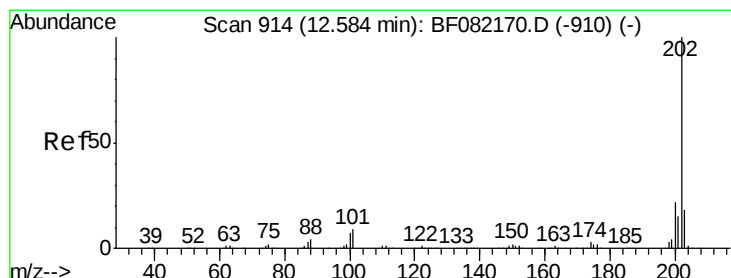
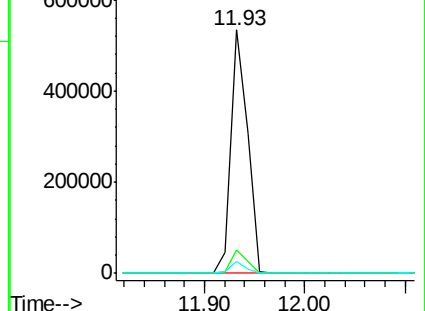
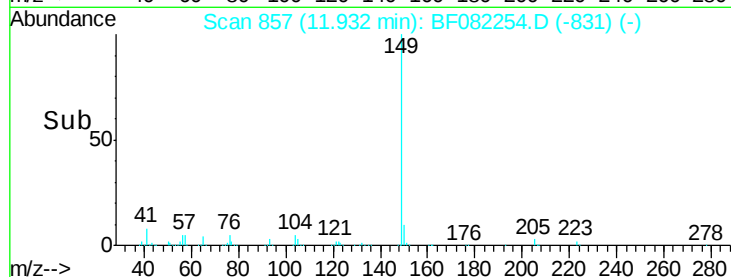
104 4.9 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.12 ng

RT: 12.61 min Scan# 916

Delta R.T. 0.01 min

Lab File: BF082254.D

Acq: 13 Oct 2015 15:12

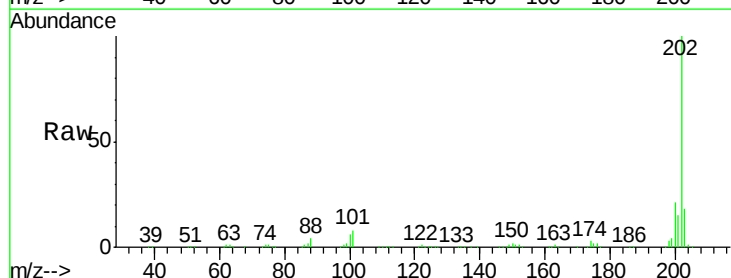
Tgt Ion:202 Resp: 668024

Ion Ratio Lower Upper

202 100

101 8.1 0.0 29.3

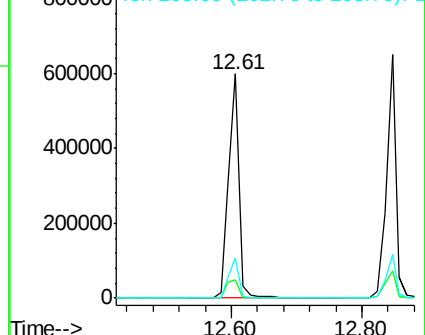
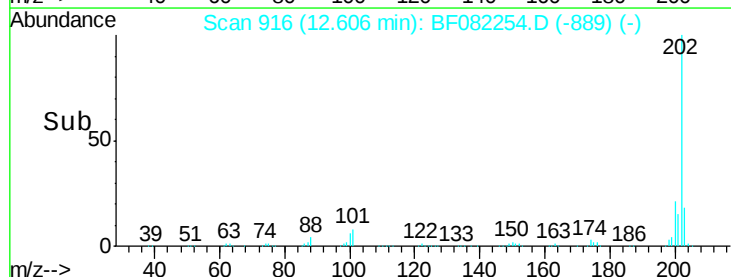
203 17.8 0.0 37.8

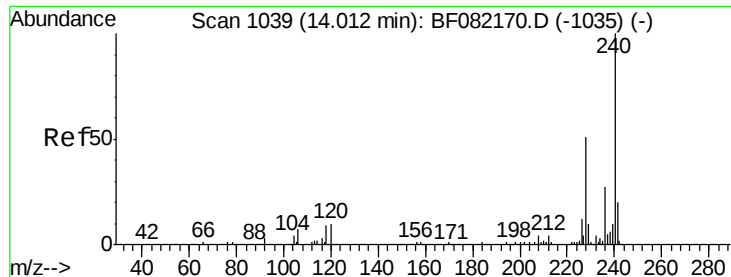


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.18 min Scan# 1054

Delta R.T. 0.05 min

Lab File: BF082254.D

Acq: 13 Oct 2015 15:12

Instrument :

BNA_F

ClientSampleId :

PB86065BS

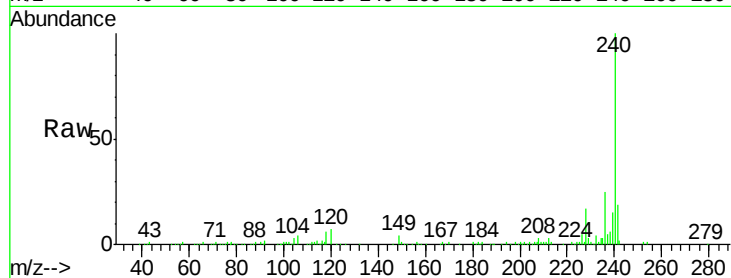
Tot Ion:240 Resp: 298964

Ion Ratio Lower Upper

240 100

120 6.6 8.1 12.1#

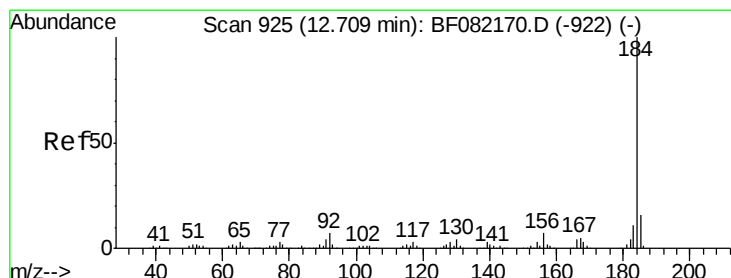
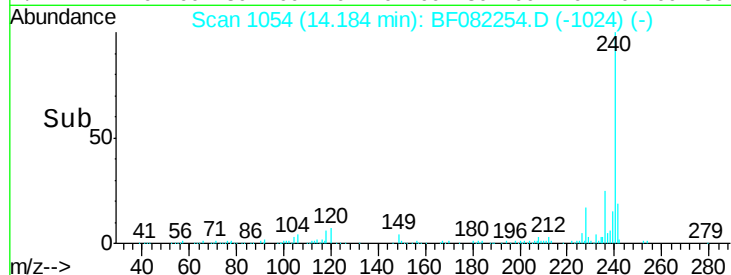
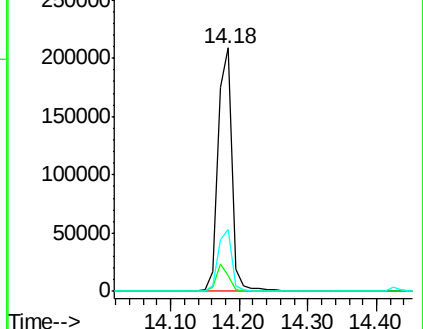
236 25.4 21.3 31.9



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 27.29 ng

RT: 12.74 min Scan# 928

Delta R.T. 0.01 min

Lab File: BF082254.D

Acq: 13 Oct 2015 15:12

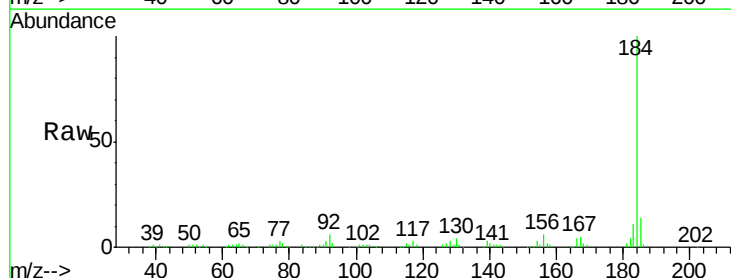
Tgt Ion:184 Resp: 236395

Ion Ratio Lower Upper

184 100

185 14.2 12.5 18.7

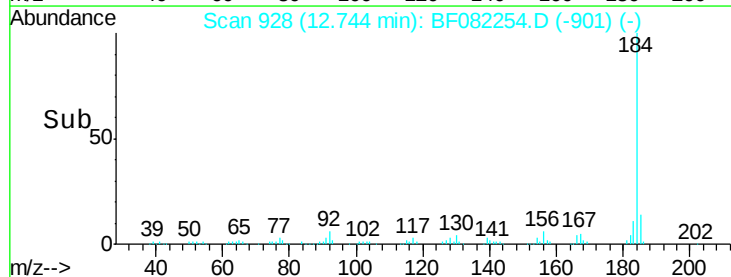
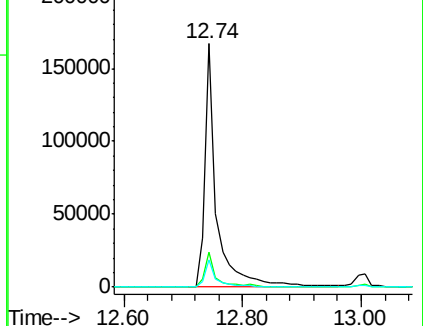
183 11.2 9.1 13.7

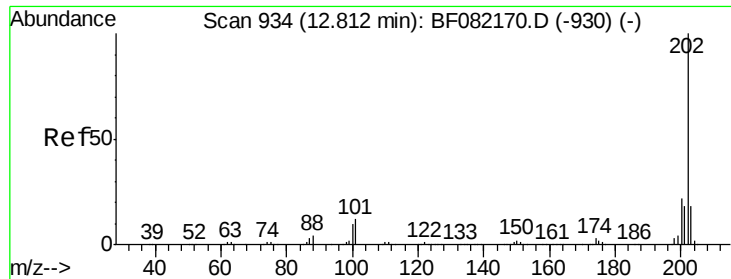


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

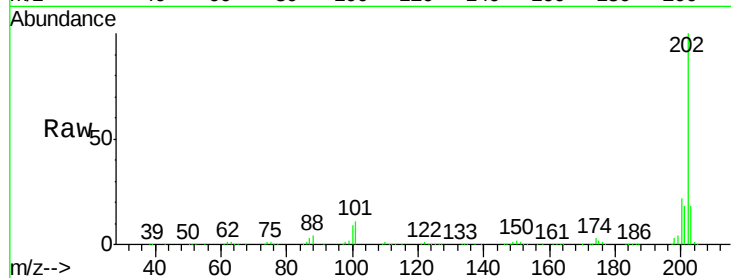




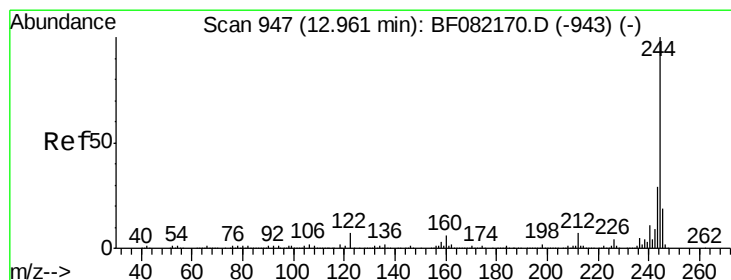
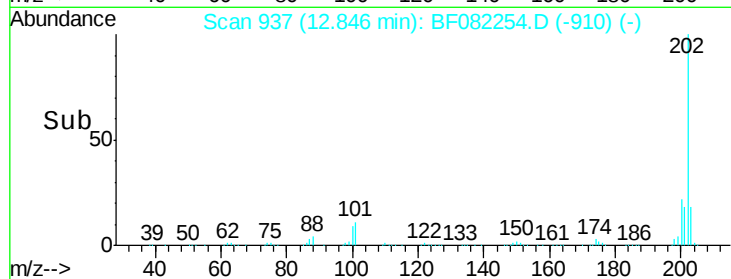
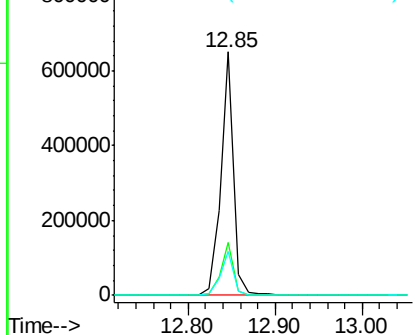
#77
Pvrene
Concen: 37.46 ng
RT: 12.85 min Scan# 937
Delta R.T. 0.01 min
Lab File: BF082254.D
Acq: 13 Oct 2015 15:12

Instrument :
BNA_F
ClientSampleId :
PB86065BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.9	26.9
203	18.3	14.5	21.7

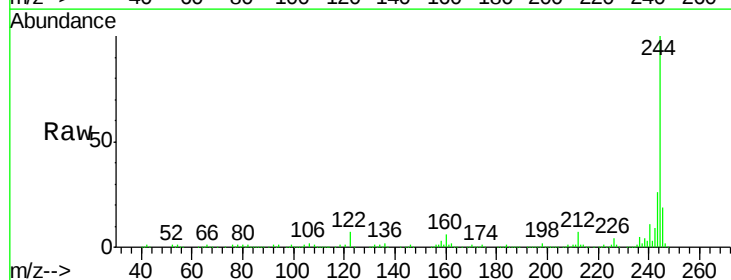


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

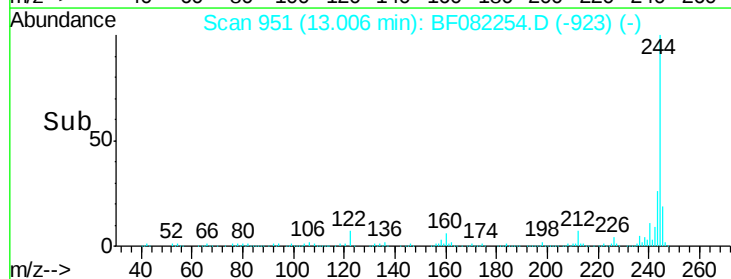
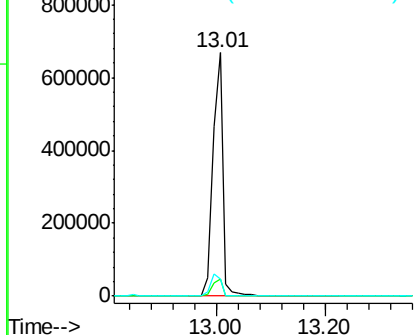


#78
Terphenyl-d14
Concen: 76.87 ng
RT: 13.01 min Scan# 951
Delta R.T. 0.02 min
Lab File: BF082254.D
Acq: 13 Oct 2015 15:12

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.6
122	7.1	5.9	8.9



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

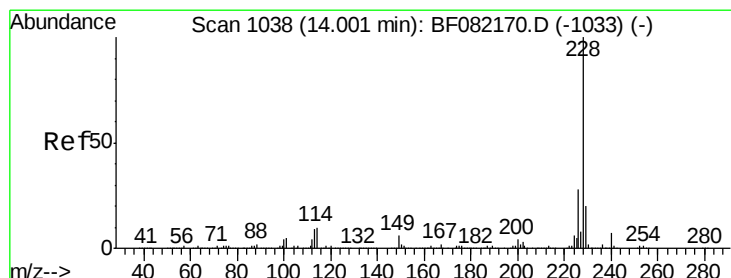
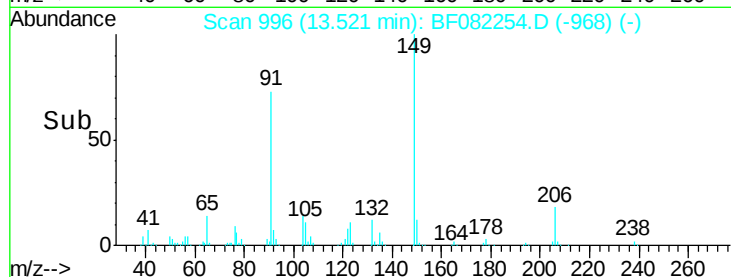
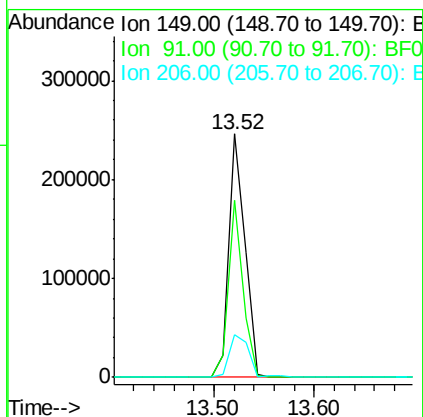
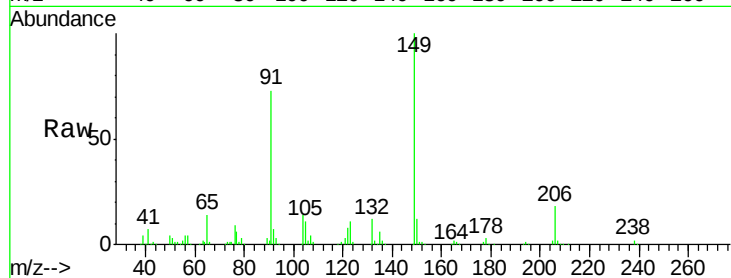




#79
Butylbenzylphthalate
Concen: 34.09 ng
RT: 13.52 min Scan# 996
Delta R.T. 0.02 min
Lab File: BF082254.D
Acq: 13 Oct 2015 15:12

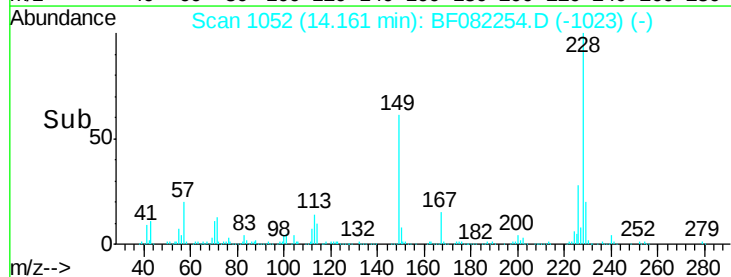
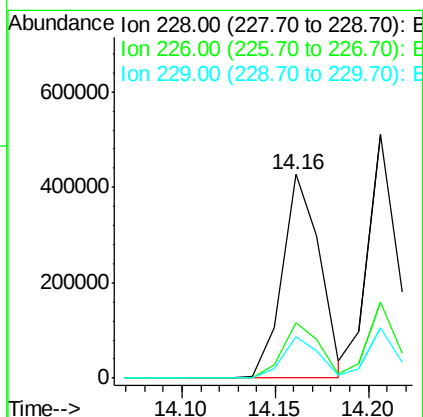
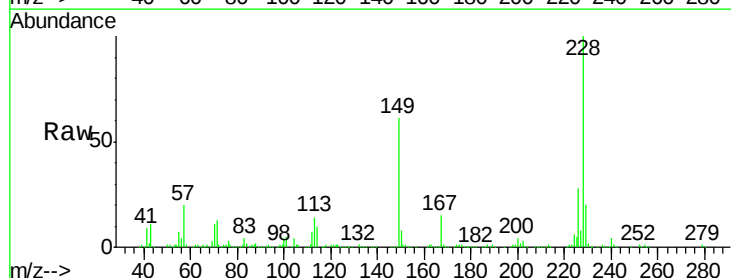
Instrument :
BNA_F
ClientSampleId :
PB86065BS

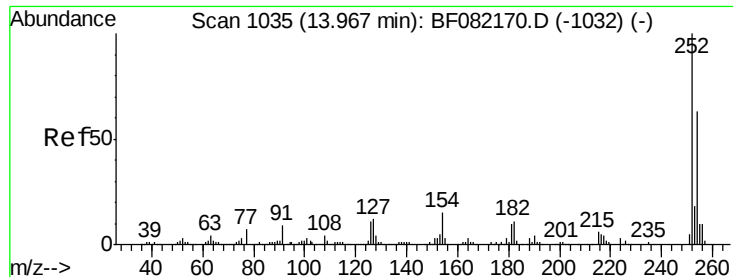
Tot Ion:149 Resp: 276016
Ion Ratio Lower Upper
149 100
91 72.9 55.7 83.5
206 17.6 15.6 23.4



#80
Benzo(a)anthracene
Concen: 38.25 ng
RT: 14.16 min Scan# 1052
Delta R.T. 0.03 min
Lab File: BF082254.D
Acq: 13 Oct 2015 15:12

Tgt Ion:228 Resp: 594985
Ion Ratio Lower Upper
228 100
226 27.5 22.3 33.5
229 20.1 16.2 24.2

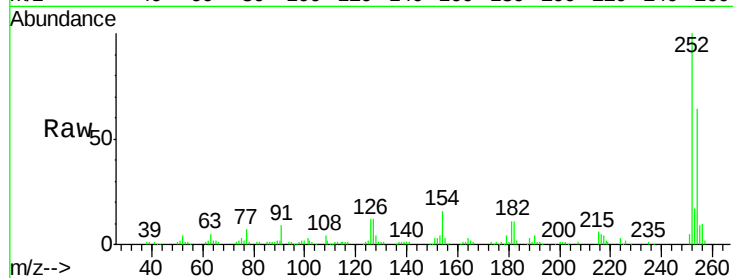




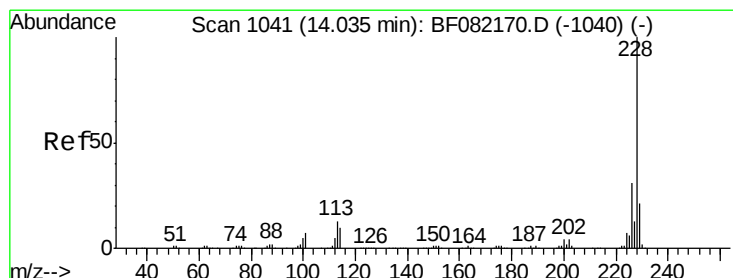
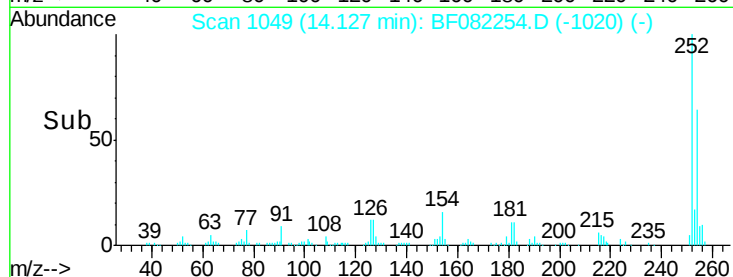
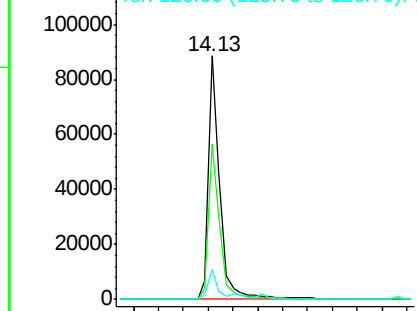
#81
 3,3'-Dichlorobenzidine
 Concen: 19.15 ng
 RT: 14.13 min Scan# 1049
 Delta R.T. 0.03 min
 Lab File: BF082254.D
 Acq: 13 Oct 2015 15:12

Instrument :
 BNA_F
 ClientSampleId :
 PB86065BS

Tot Ion:252 Resp: 113063
 Ion Ratio Lower Upper
 252 100
 254 63.7 50.7 76.1
 126 12.0 9.0 13.6

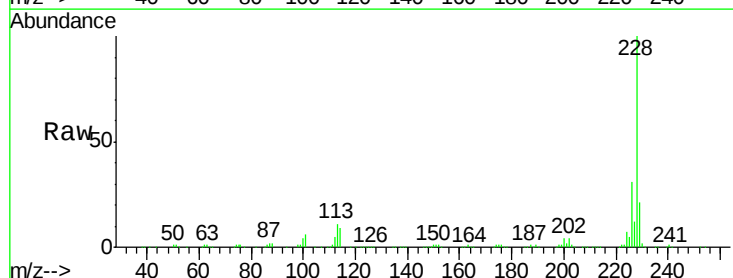


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

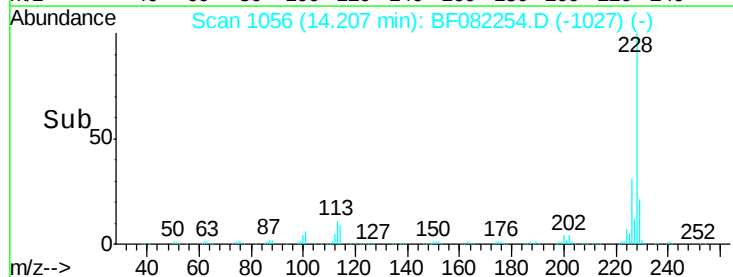
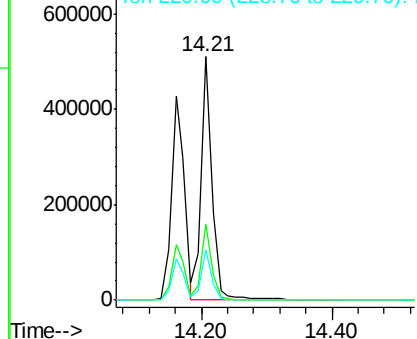


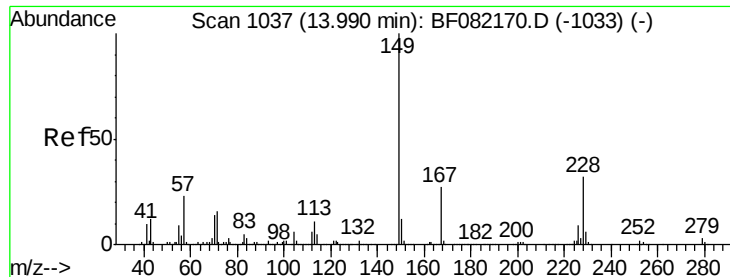
#82
 Chrysene
 Concen: 35.37 ng
 RT: 14.21 min Scan# 1056
 Delta R.T. 0.03 min
 Lab File: BF082254.D
 Acq: 13 Oct 2015 15:12

Tgt Ion:228 Resp: 579716
 Ion Ratio Lower Upper
 228 100
 226 30.9 24.4 36.6
 229 20.5 16.3 24.5



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

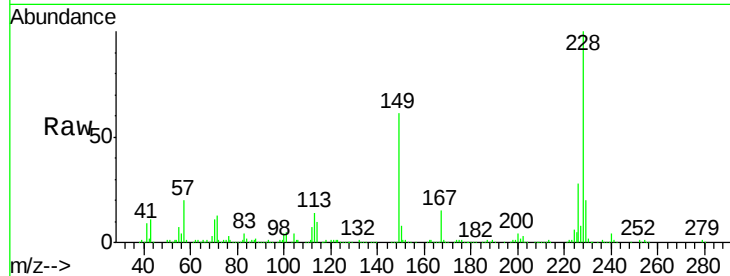




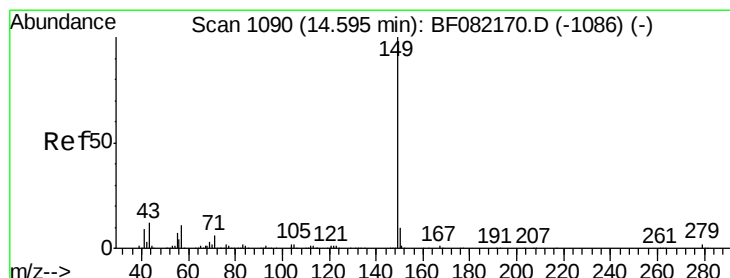
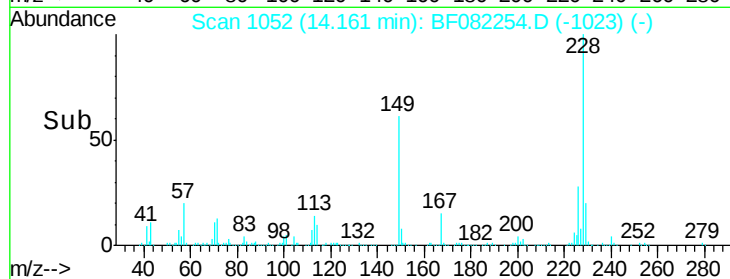
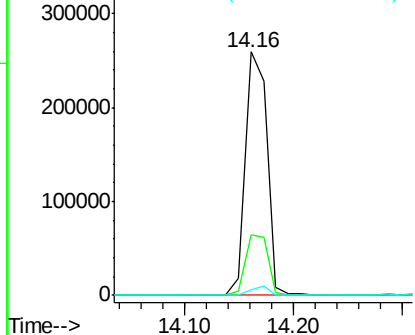
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 30.82 ng
 RT: 14.16 min Scan# 1052
 Delta R.T. 0.03 min
 Lab File: BF082254.D
 Acq: 13 Oct 2015 15:12

Instrument :
 BNA_F
 ClientSampleId :
 PB86065BS

Tot Ion:149 Resp: 355974
 Ion Ratio Lower Upper
 149 100
 167 24.7 21.3 31.9
 279 2.2 2.6 4.0#

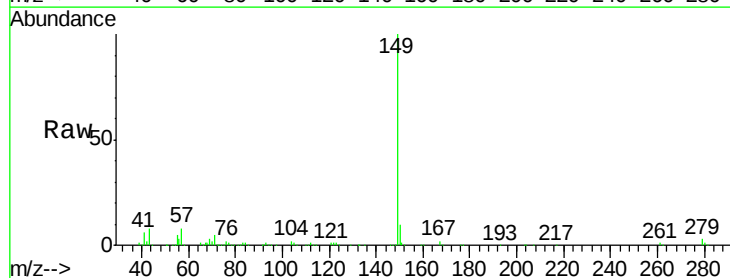


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

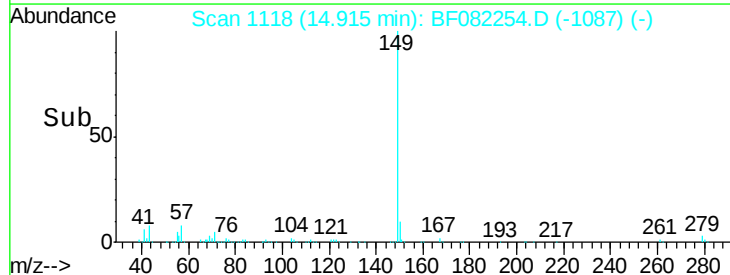
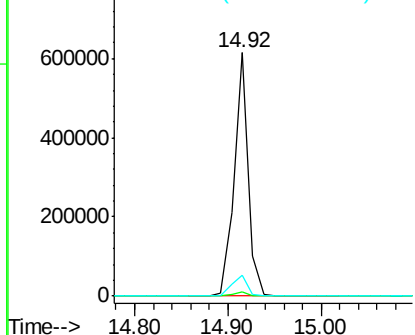


#84
 Di-n-octyl phthalate
 Concen: 32.60 ng
 RT: 14.92 min Scan# 1118
 Delta R.T. 0.06 min
 Lab File: BF082254.D
 Acq: 13 Oct 2015 15:12

Tgt Ion:149 Resp: 646823
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 9.6 7.4 11.2



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

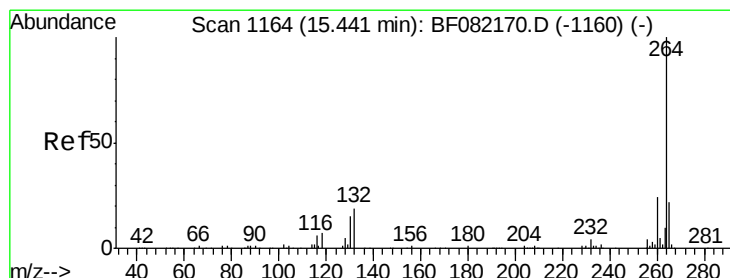
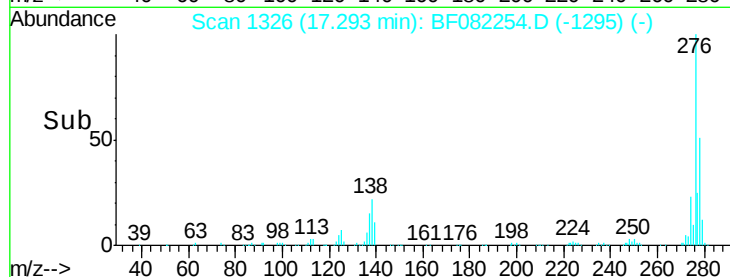
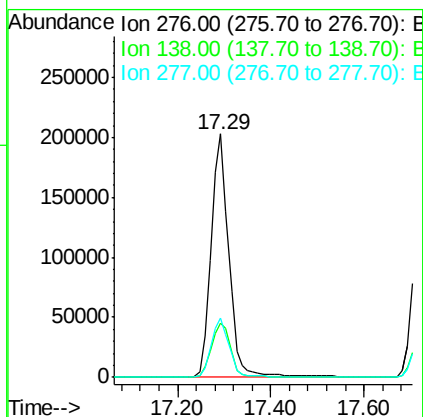
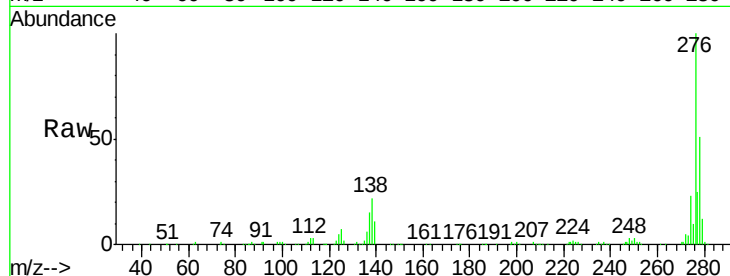




#85
Indeno(1,2,3-cd)pyrene
Concen: 41.55 ng
RT: 17.29 min Scan# 1326
Delta R.T. 0.06 min
Lab File: BF082254.D
Acq: 13 Oct 2015 15:12

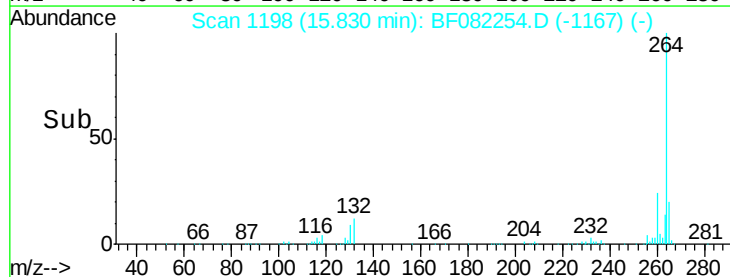
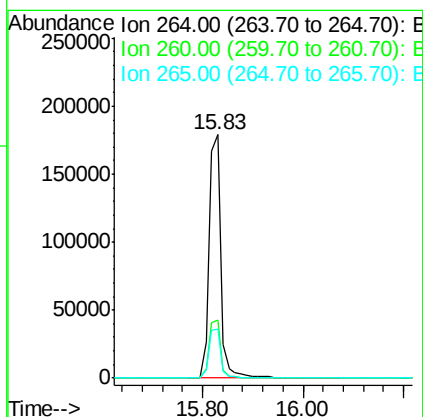
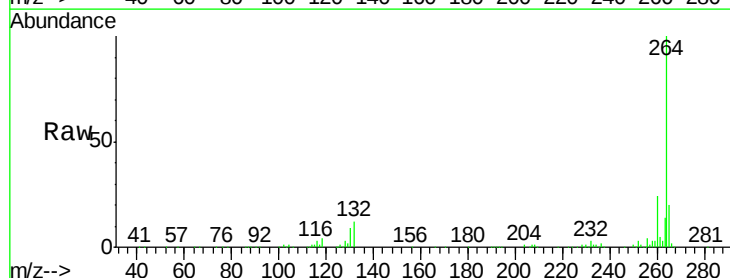
Instrument :
BNA_F
ClientSampleId :
PB86065BS

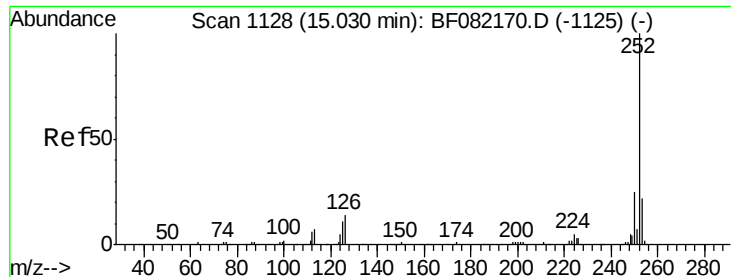
Tot Ion:276 Resp: 541269
Ion Ratio Lower Upper
276 100
138 24.5 19.7 29.5
277 24.7 20.1 30.1



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.83 min Scan# 1198
Delta R.T. 0.06 min
Lab File: BF082254.D
Acq: 13 Oct 2015 15:12

Tgt Ion:264 Resp: 290150
Ion Ratio Lower Upper
264 100
260 24.0 19.0 28.6
265 20.3 17.3 25.9

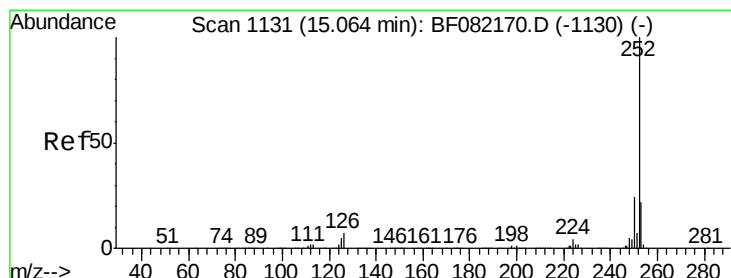
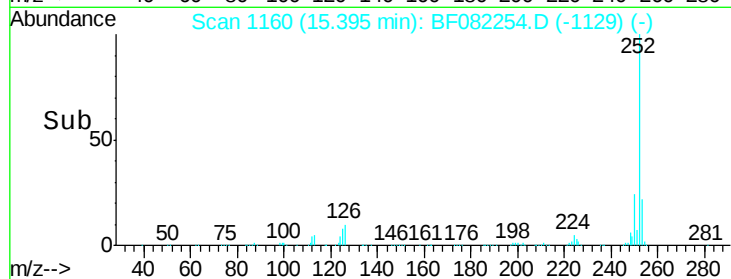
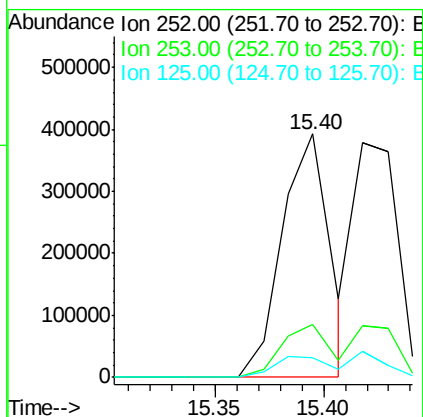
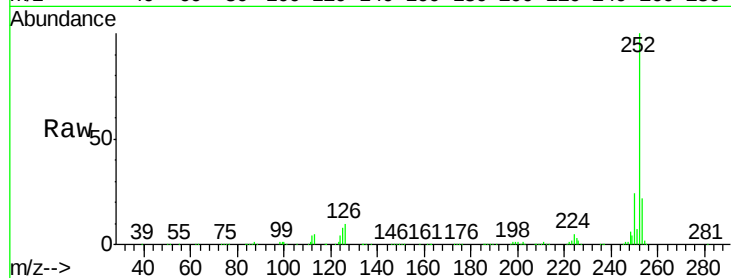




#87
Benzo(b)fluoranthene
Concen: 34.08 ng
RT: 15.40 min Scan# 1160
Delta R.T. 0.06 min
Lab File: BF082254.D
Acq: 13 Oct 2015 15:12

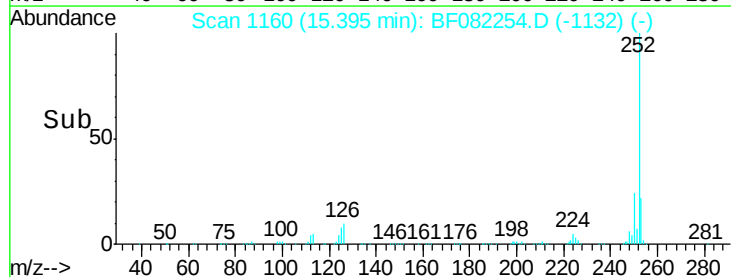
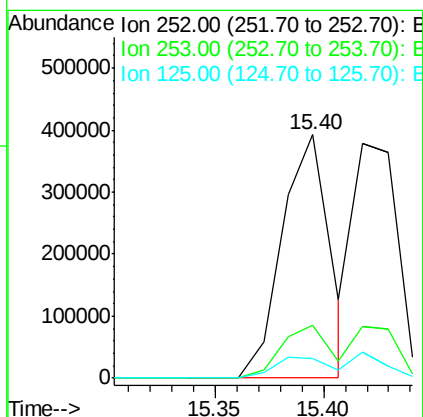
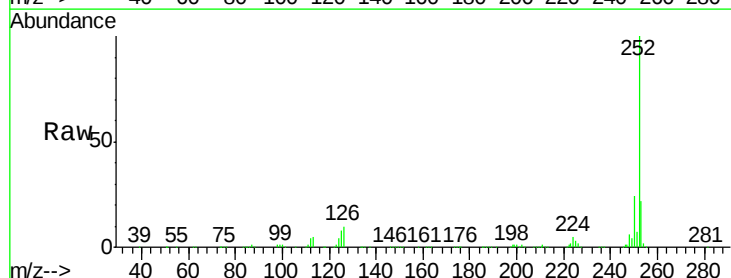
Instrument :
BNA_F
ClientSampleId :
PB86065BS

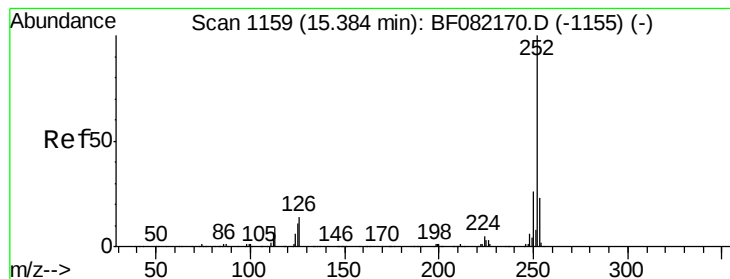
Tot Ion:252 Resp: 601660
Ion Ratio Lower Upper
252 100
253 21.8 18.0 27.0
125 7.9 8.6 12.8#



#88
Benzo(k)fluoranthene
Concen: 40.55 ng
RT: 15.40 min Scan# 1160
Delta R.T. 0.02 min
Lab File: BF082254.D
Acq: 13 Oct 2015 15:12

Tgt Ion:252 Resp: 601660
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.6
125 7.9 6.7 10.1





#89

Benzo(a)pyrene

Concen: 37.10 ng

RT: 15.76 min Scan# 1192

Delta R.T. 0.06 min

Lab File: BF082254.D

Acq: 13 Oct 2015 15:12

Instrument :

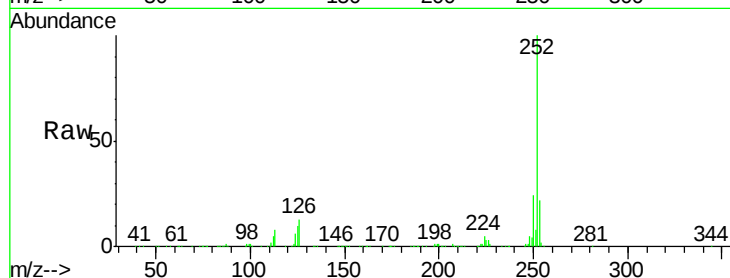
BNA_F

ClientSampleId :

PB86065BS

Tot Ion:252 Resp: 562789

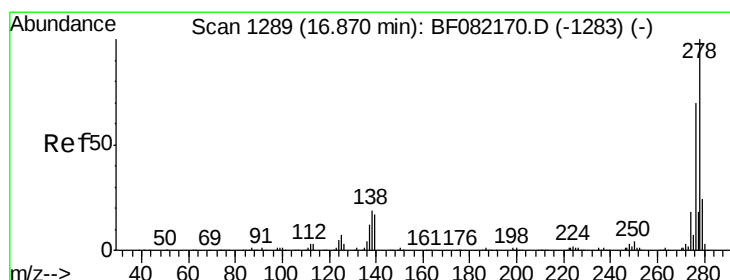
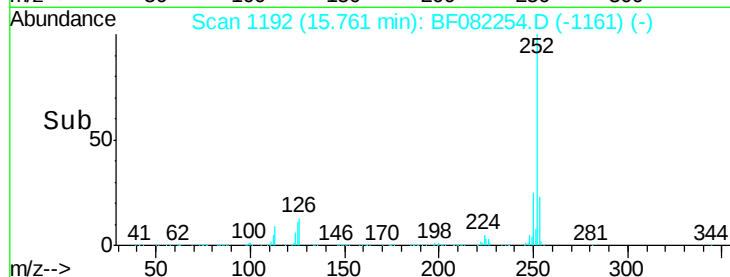
Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.2
125	10.3	8.9	13.3



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: 36.25 ng

RT: 17.30 min Scan# 1327

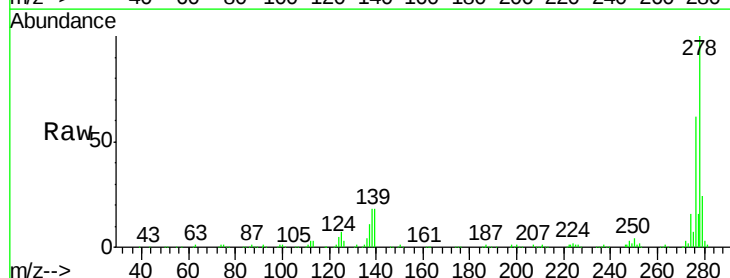
Delta R.T. 0.06 min

Lab File: BF082254.D

Acq: 13 Oct 2015 15:12

Tgt Ion:278 Resp: 450711

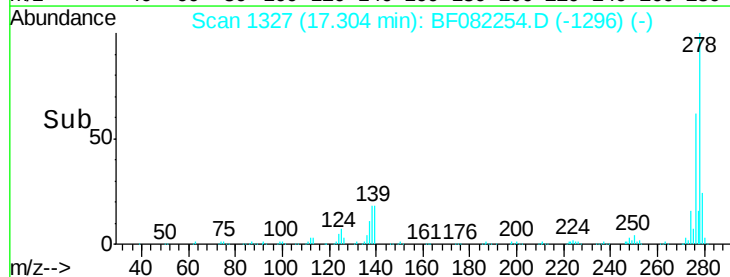
Ion	Ratio	Lower	Upper
278	100		
139	17.7	13.3	19.9
279	23.9	18.9	28.3

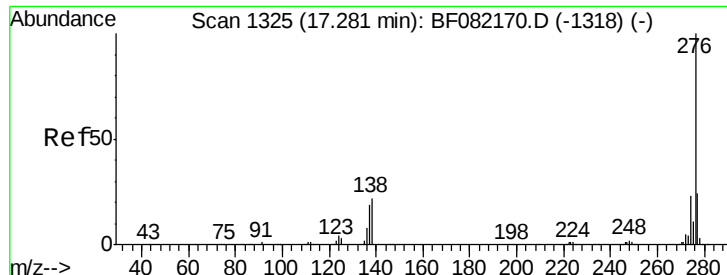


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 35.20 ng
 RT: 17.73 min Scan# 1364
 Delta R.T. 0.06 min
 Lab File: BF082254.D
 Acq: 13 Oct 2015 15:12

Instrument :
 BNA_F
 ClientSampleId :
 PB86065BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.8	28.2
138	20.6	17.4	26.2

