

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110715\
 Data File : BF082764.D
 Acq On : 6 Nov 2015 16:34
 Operator : UM/IZ
 Sample : PB86450BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86450BS

Quant Time: Nov 07 02:55:24 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	164615	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	615221	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	331092	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	625026	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	553188	20.00	ng	0.00
86) Perylene-d12	15.45	264	532632	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	788037	74.48	ng	0.01
7) Phenol-d6	6.48	99	1014249	72.11	ng	0.00
23) Nitrobenzene-d5	7.41	82	993103	70.24	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	293427	77.29	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1706106	73.85	ng	0.00
78) Terphenyl-d14	12.96	244	1676124	71.86	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.54	88	140003	30.67	ng	97
3) Pyridine	3.24	79	435367	32.87	ng	99
4) n-Nitrosodimethylamine	3.18	42	208719	31.77	ng	94
6) Aniline	6.51	93	362123	18.34	ng	95
8) 2-Chlorophenol	6.64	128	414300	35.32	ng	96
9) Benzaldehyde	6.38	77	43114	5.55	ng	93
10) Phenol	6.50	94	534720	33.51	ng	96
11) bis(2-Chloroethyl)ether	6.58	93	378685	31.73	ng	97
12) 1,3-Dichlorobenzene	6.78	146	418211	31.62	ng	97
13) 1,4-Dichlorobenzene	6.86	146	429211	31.19	ng	97
14) 1,2-Dichlorobenzene	7.02	146	428357	34.23	ng	98
15) Benzyl Alcohol	6.99	79	400910	32.46	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	608500	34.76	ng	94
17) 2-Methylphenol	7.10	107	322495	32.46	ng	98
18) Hexachloroethane	7.37	117	167293	33.99	ng	93
19) n-Nitroso-di-n-propylamine	7.26	70	304806	29.48	ng	91
20) 3+4-Methylphenols	7.26	107	455694	35.28	ng	94
22) Acetophenone	7.26	105	594665	33.73	ng	# 93
24) Nitrobenzene	7.44	77	483461	33.44	ng	94
25) Isophorone	7.68	82	858407	32.81	ng	98
26) 2-Nitrophenol	7.74	139	196617	32.58	ng	# 87
27) 2,4-Dimethylphenol	7.79	122	355979	32.83	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	499392	33.84	ng	99
29) 2,4-Dichlorophenol	8.00	162	360696	36.80	ng	97
30) 1,2,4-Trichlorobenzene	8.08	180	361200	32.77	ng	98
31) Naphthalene	8.16	128	1066574	31.42	ng	99
32) Benzoic acid	7.92	122	232466	31.31	ng	91
33) 4-Chloroaniline	8.20	127	204939	14.01	ng	# 90
34) Hexachlorobutadiene	8.28	225	225900	32.75	ng	99
35) Caprolactam	8.57	113	74328	24.06	ng	# 87
36) 4-Chloro-3-methylphenol	8.69	107	411535	35.71	ng	89
37) 2-Methylnaphthalene	8.85	142	786149	35.80	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	367349	33.76	ng	98
40) Hexachlorocyclopentadiene	9.01	237	493784	84.47	ng	99

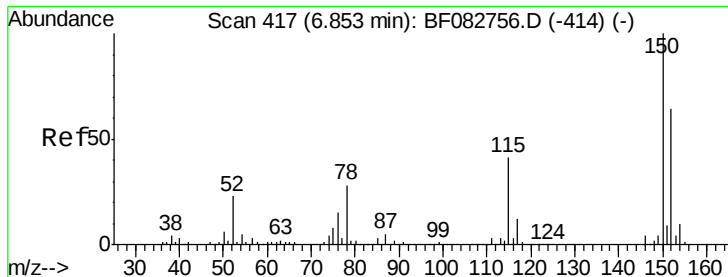
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110715\
 Data File : BF082764.D
 Acq On : 6 Nov 2015 16:34
 Operator : UM/IZ
 Sample : PB86450BS
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 ALS Vial : 4 Sample Multiplier: 1

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Quant Time: Nov 07 02:55:24 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	265542	32.70	ng	99
43) 2,4,5-Trichlorophenol	9.17	196	261597	32.57	ng	# 84
45) 1,1'-Biphenyl	9.31	154	887214	31.23	ng	95
46) 2-Chloronaphthalene	9.33	162	727415	32.82	ng	94
47) 2-Nitroaniline	9.42	65	250529	30.47	ng	94
48) Acenaphthylene	9.76	152	1213076	34.93	ng	98
49) Dimethylphthalate	9.62	163	925561	34.12	ng	99
50) 2,6-Dinitrotoluene	9.68	165	213711	36.92	ng	# 79
51) Acenaphthene	9.93	154	899732	40.87	ng	99
52) 3-Nitroaniline	9.84	138	110483	17.36	ng	86
53) 2,4-Dinitrophenol	9.95	184	256128	80.60	ng	# 11
54) Dibenzofuran	10.10	168	1090294	36.74	ng	93
55) 4-Nitrophenol	10.01	139	366900	75.13	ng	93
56) 2,4-Dinitrotoluene	10.08	165	259556	33.05	ng	98
57) Fluorene	10.44	166	892810	37.15	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.21	232	230074	35.10	ng	92
59) Diethylphthalate	10.32	149	865473	32.68	ng	99
60) 4-Chlorophenyl-phenylether	10.43	204	377826	31.42	ng	# 83
61) 4-Nitroaniline	10.45	138	203750	31.83	ng	87
62) Azobenzene	10.59	77	988661	34.75	ng	90
64) 4,6-Dinitro-2-methylphenol	10.49	198	160455	36.03	ng	92
65) n-Nitrosodiphenylamine	10.56	169	747686	33.11	ng	98
66) 4-Bromophenyl-phenylether	10.92	248	251273	33.39	ng	# 80
67) Hexachlorobenzene	10.99	284	287087	34.16	ng	# 75
68) Atrazine	11.08	200	282598	40.47	ng	97
69) Pentachlorophenol	11.18	266	373070	73.11	ng	99
70) Phenanthrene	11.40	178	1373915	37.85	ng	98
71) Anthracene	11.45	178	1193554	31.22	ng	99
72) Carbazole	11.60	167	1164743	34.80	ng	99
73) Di-n-butylphthalate	11.94	149	1331360	31.93	ng	99
74) Fluoranthene	12.58	202	1253526	32.18	ng	97
76) Benzidine	12.71	184	448571	24.20	ng	98
77) Pyrene	12.81	202	1330536	35.02	ng	98
79) Butylbenzylphthalate	13.44	149	601789	35.86	ng	98
80) Benzo(a)anthracene	14.01	228	1286406	37.19	ng	98
81) 3,3'-Dichlorobenzidine	13.96	252	263702	21.44	ng	97
82) Chrysene	14.04	228	1279450	40.38	ng	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	870441	37.89	ng	100
84) Di-n-octyl phthalate	14.63	149	1366300	35.66	ng	97
85) Indeno(1,2,3-cd)pyrene	16.85	276	1008425	36.96	ng	100
87) Benzo(b)fluoranthene	15.05	252	2190394	64.07	ng	99
88) Benzo(k)fluoranthene	15.05	252	2190394	72.22	ng	# 98
89) Benzo(a)pyrene	15.39	252	1042222	35.19	ng	# 97
90) Dibenzo(a,h)anthracene	16.87	278	854147	34.05	ng	98
91) Benzo(g,h,i)perylene	17.27	276	816175	33.97	ng	100

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

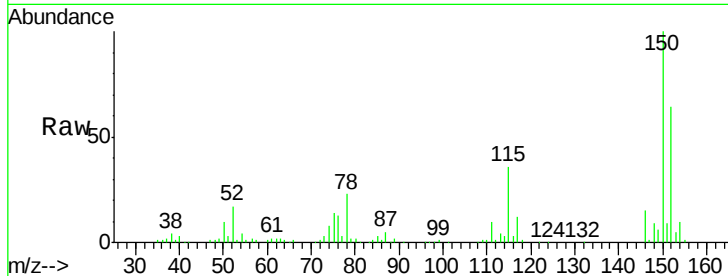


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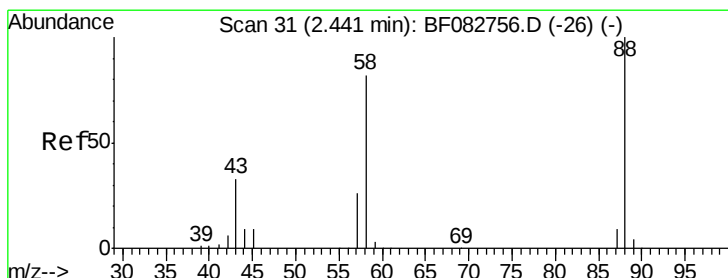
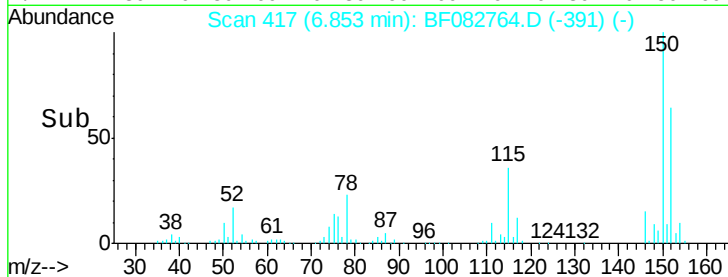
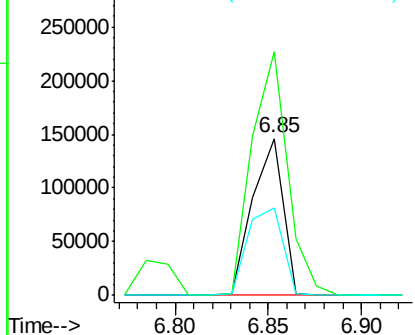
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. 0.00 min
Lab File: BF082764.D
Acq: 6 Nov 2015 16:34

Instrument :
BNA_F
ClientSampleId :
PB86450BS

Tgt Ion: 152 Resp: 164615
Ion Ratio Lower Upper
152 100
150 155.5 127.0 190.4
115 56.0 47.0 70.6



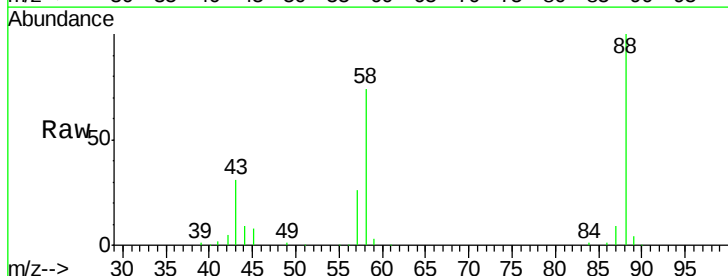
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



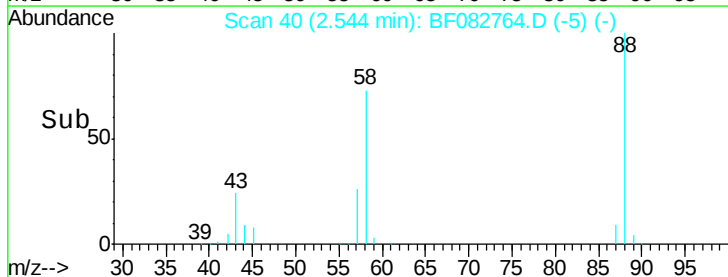
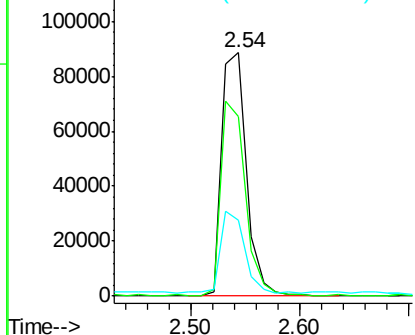
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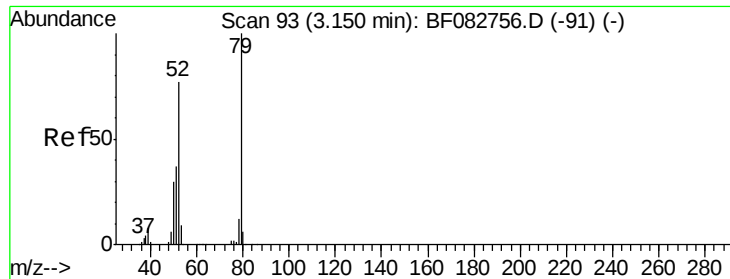
1,4-Dioxane
Concen: 30.67 ng
RT: 2.54 min Scan# 40
Delta R.T. 0.10 min
Lab File: BF082764.D
Acq: 6 Nov 2015 16:34

Tgt Ion: 88 Resp: 140003
Ion Ratio Lower Upper
88 100
58 80.3 62.0 93.0
43 32.3 26.6 40.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0

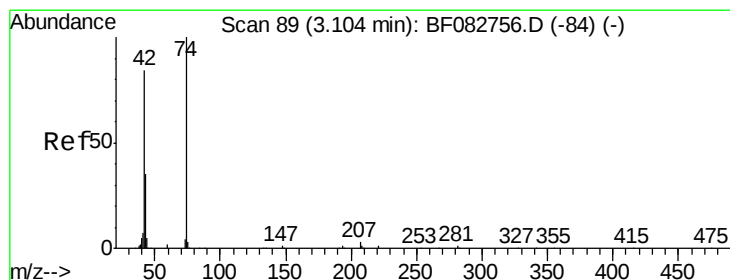
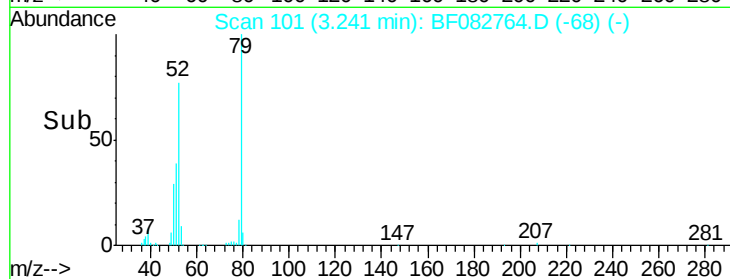
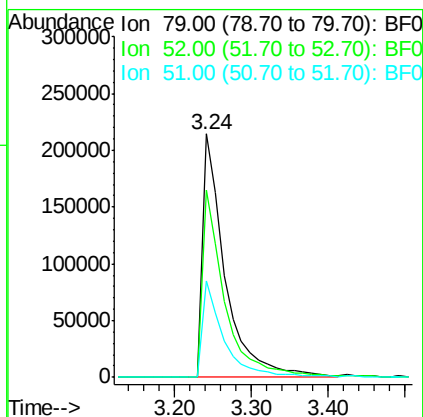
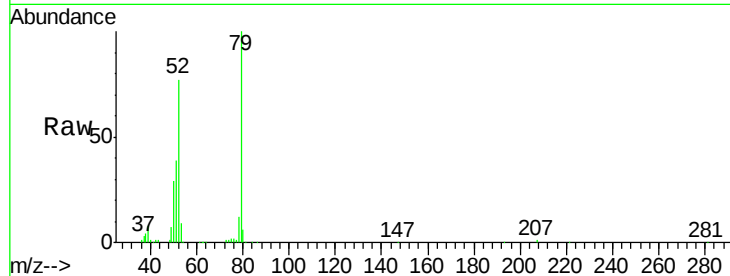




#3
 Pyridine
 Concen: 32.87 ng
 RT: 3.24 min Scan# 101
 Delta R.T. 0.08 min
 Lab File: BF082764.D
 Acq: 6 Nov 2015 16:34

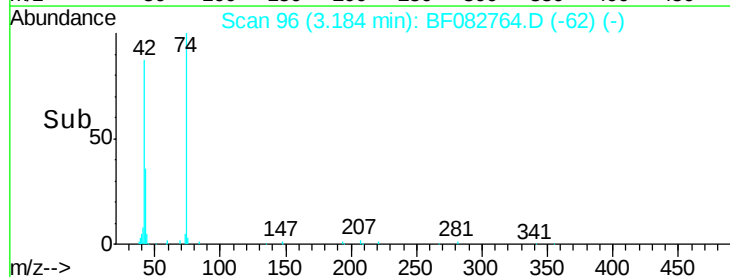
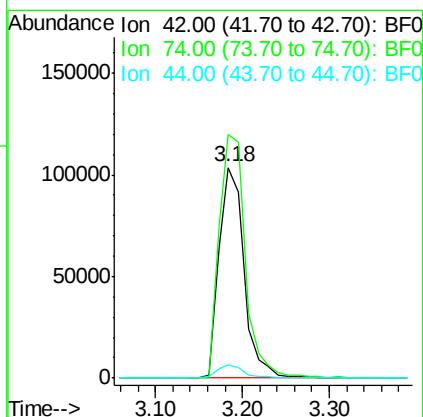
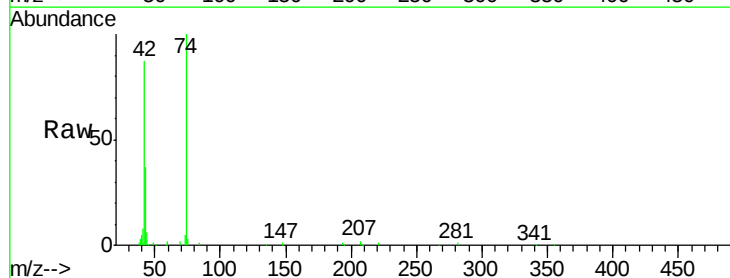
Instrument :
 BNA_F
 ClientSampled :
 PB86450BS

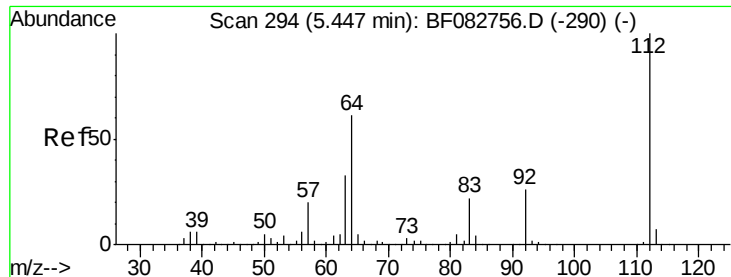
Tgt Ion: 79 Resp: 435367
 Ion Ratio Lower Upper
 79 100
 52 76.9 62.8 94.2
 51 39.5 32.0 48.0



#4
 n-Nitrosodimethylamine
 Concen: 31.77 ng
 RT: 3.18 min Scan# 96
 Delta R.T. 0.09 min
 Lab File: BF082764.D
 Acq: 6 Nov 2015 16:34

Tgt Ion: 42 Resp: 208719
 Ion Ratio Lower Upper
 42 100
 74 115.6 87.0 130.4
 44 6.5 5.8 8.8





#5

2-Fluorophenol

Concen: 74.48 ng

RT: 5.46 min Scan# 295

Delta R.T. 0.01 min

Lab File: BF082764.D

Acq: 6 Nov 2015 16:34

Instrument :

BNA_F

ClientSampleId :

PB86450BS

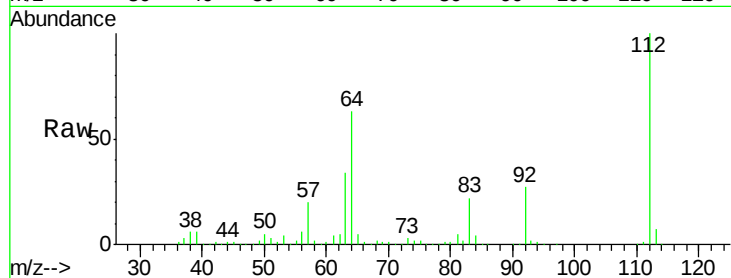
Tgt Ion: 112 Resp: 788037

Ion Ratio Lower Upper

112 100

64 63.3 48.9 73.3

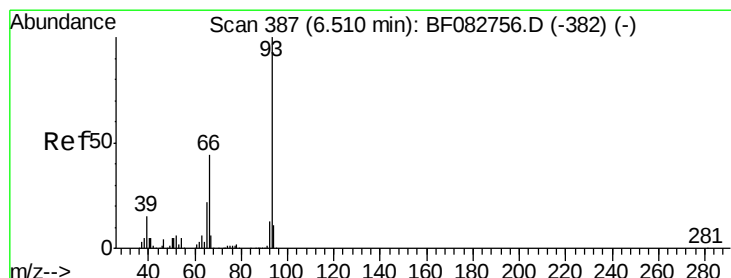
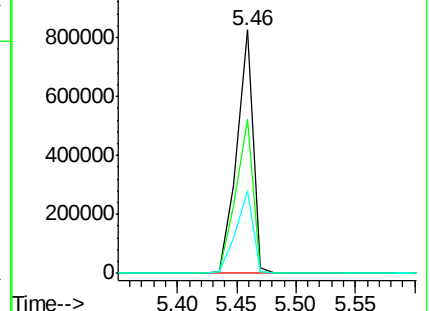
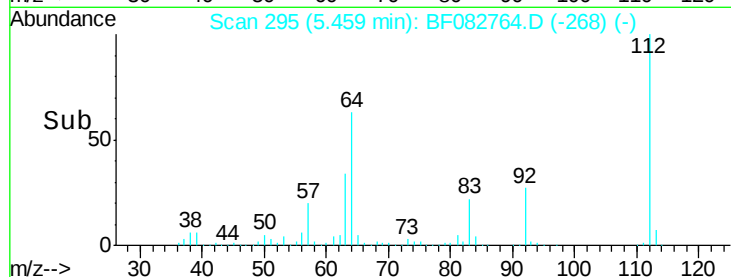
63 33.6 28.1 42.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 18.34 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF082764.D

Acq: 6 Nov 2015 16:34

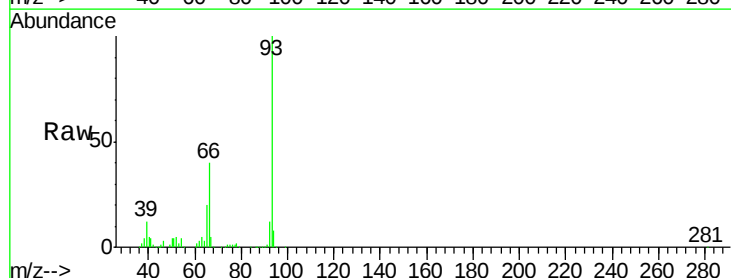
Tgt Ion: 93 Resp: 362123

Ion Ratio Lower Upper

93 100

66 39.8 33.6 50.4

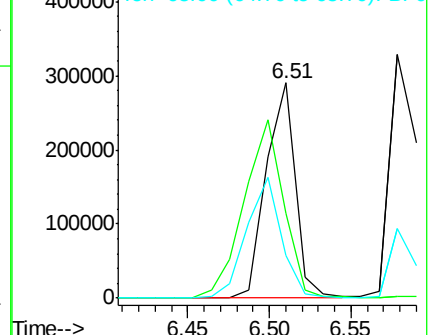
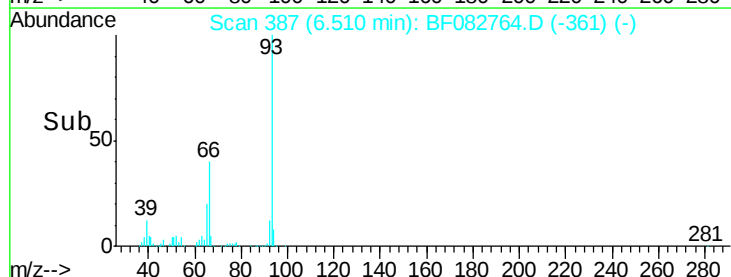
65 19.6 18.1 27.1



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: 72.11 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF082764.D

Acq: 6 Nov 2015 16:34

Instrument :

BNA_F

ClientSampleId :

PB86450BS

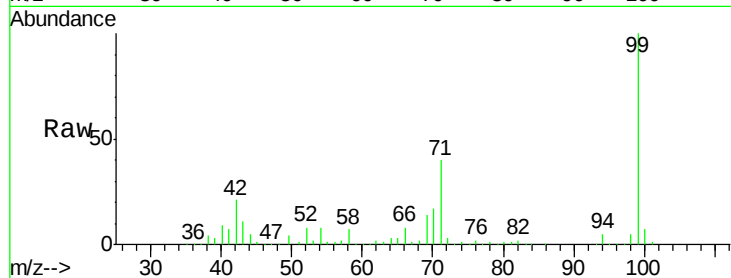
Tgt Ion: 99 Resp: 1014249

Ion Ratio Lower Upper

99 100

42 21.4 19.2 28.8

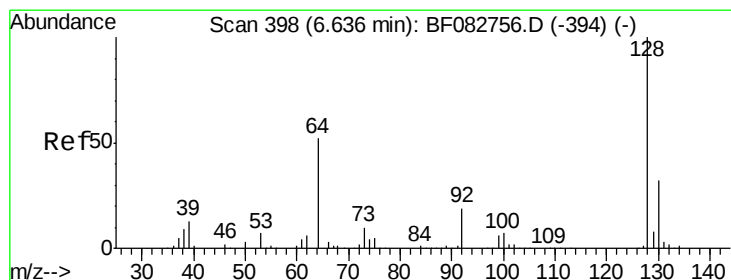
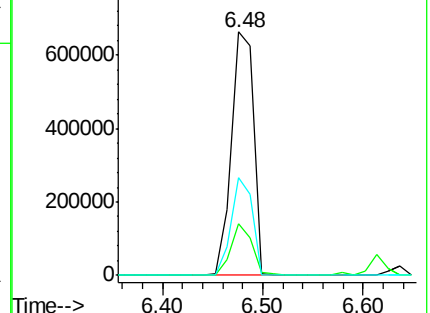
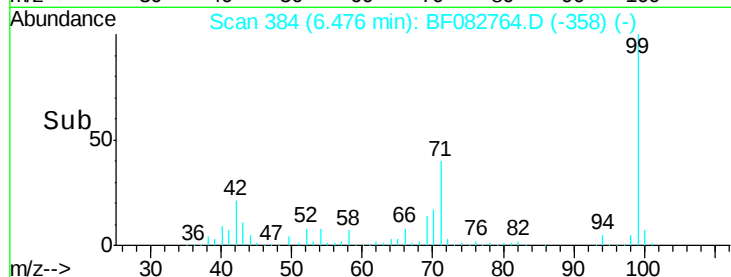
71 40.3 35.0 52.4



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: 35.32 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF082764.D

Acq: 6 Nov 2015 16:34

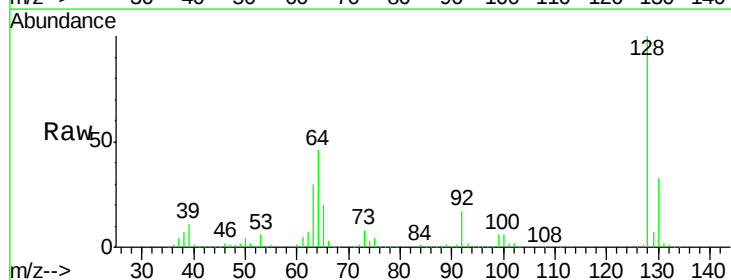
Tgt Ion: 128 Resp: 414300

Ion Ratio Lower Upper

128 100

130 32.8 13.5 53.5

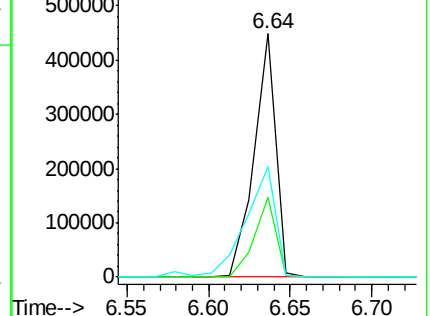
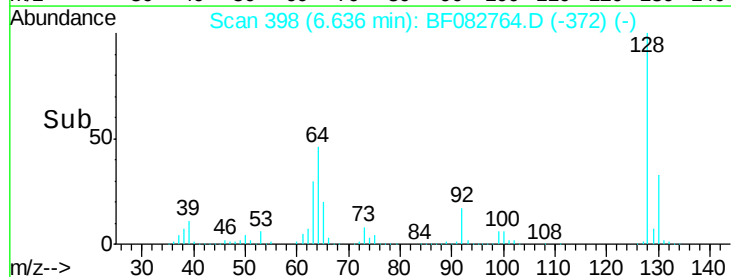
64 45.5 21.1 61.1

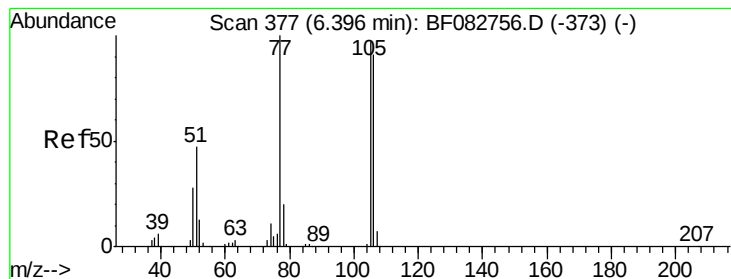


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 5.55 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF082764.D

Acq: 6 Nov 2015 16:34

Instrument :

BNA_F

ClientSampleId :

PB86450BS

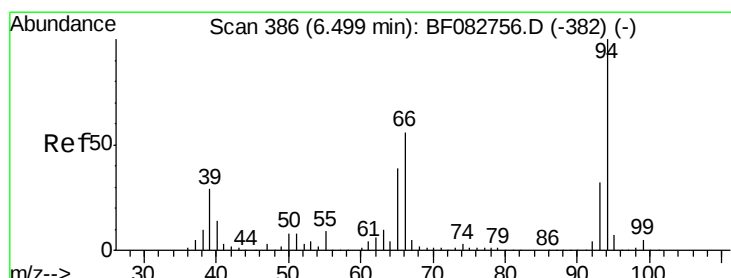
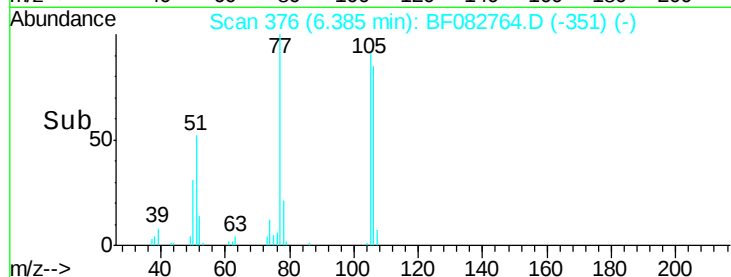
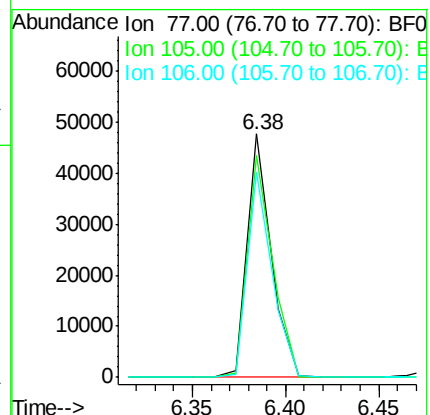
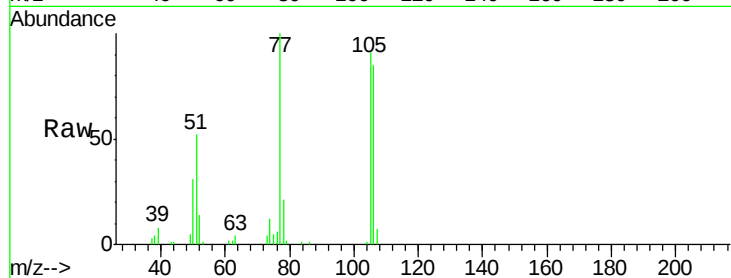
Tgt Ion: 77 Resp: 43114

Ion Ratio Lower Upper

77 100

105 91.4 63.5 103.5

106 84.5 59.3 99.3



#10

Phenol

Concen: 33.51 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.01 min

Lab File: BF082764.D

Acq: 6 Nov 2015 16:34

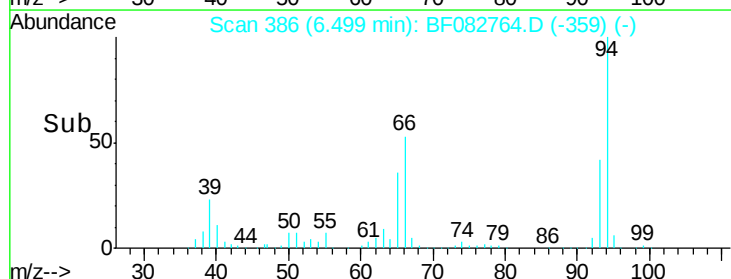
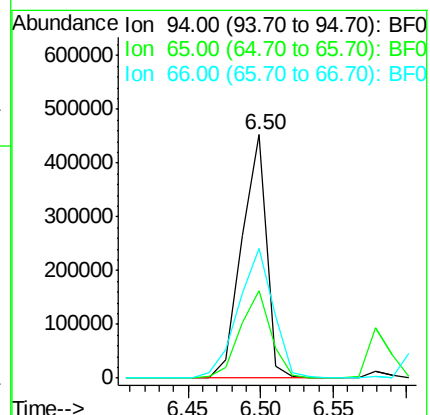
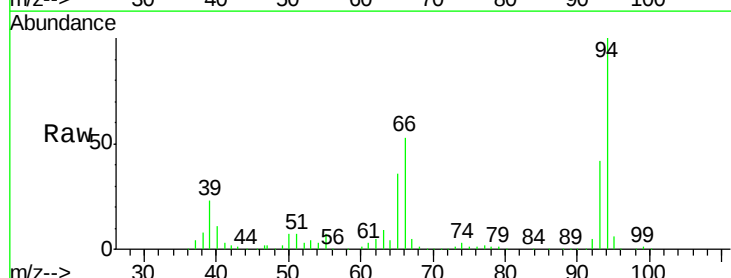
Tgt Ion: 94 Resp: 534720

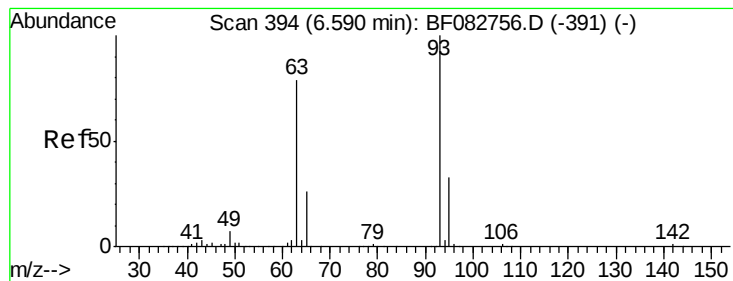
Ion Ratio Lower Upper

94 100

65 35.8 18.9 58.9

66 53.1 34.9 74.9





#11

bis(2-Chloroethyl)ether

Concen: 31.73 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.01 min

Lab File: BF082764.D

Acq: 6 Nov 2015 16:34

Instrument :

BNA_F

ClientSampleId :

PB86450BS

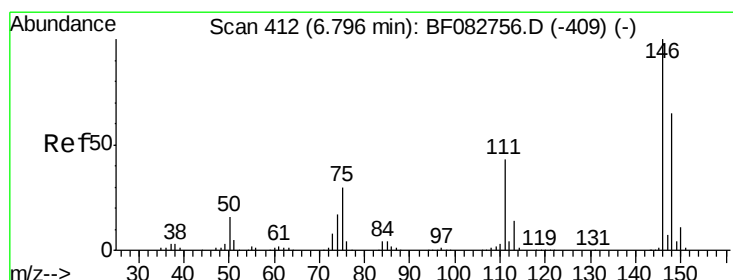
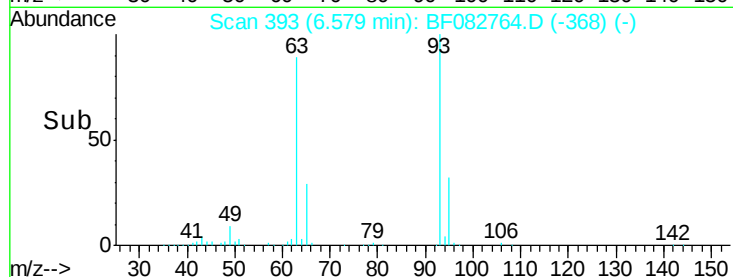
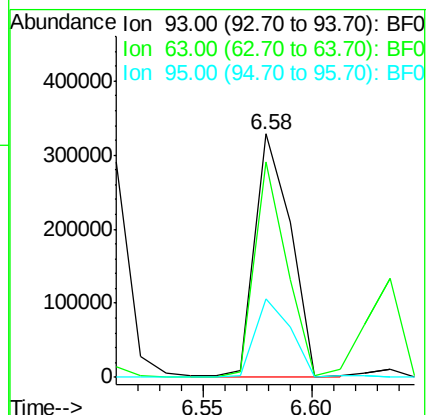
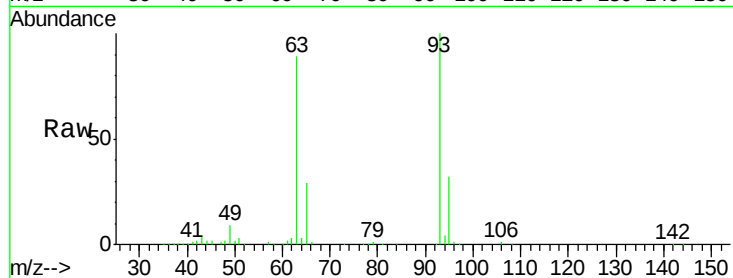
Tgt Ion: 93 Resp: 378685

Ion Ratio Lower Upper

93 100

63 88.7 72.7 112.7

95 32.4 12.0 52.0



#12

1,3-Dichlorobenzene

Concen: 31.62 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.01 min

Lab File: BF082764.D

Acq: 6 Nov 2015 16:34

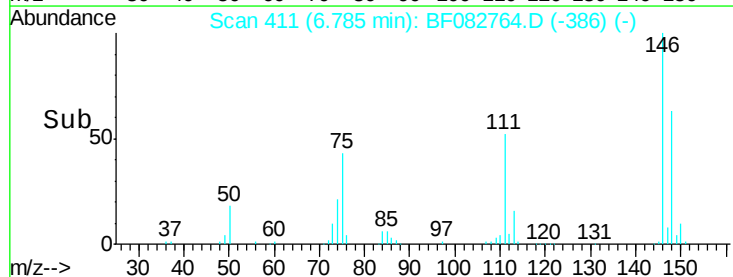
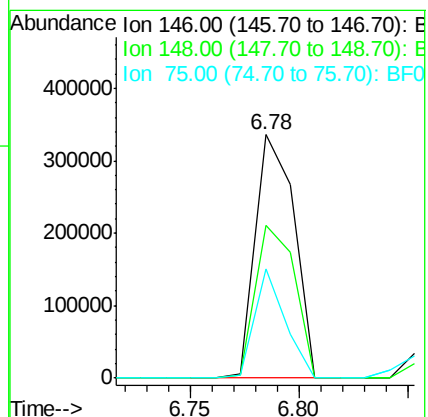
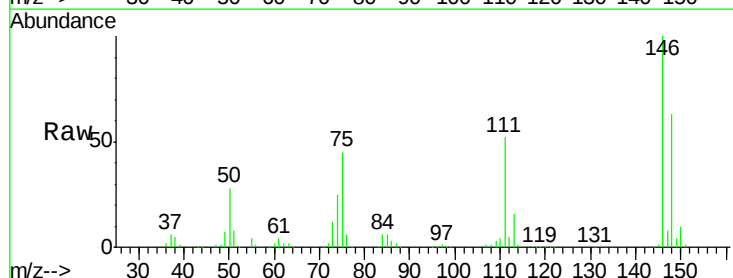
Tgt Ion: 146 Resp: 418211

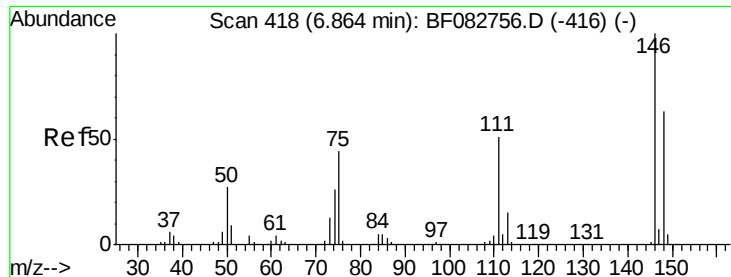
Ion Ratio Lower Upper

146 100

148 62.8 50.5 75.7

75 44.8 39.5 59.3

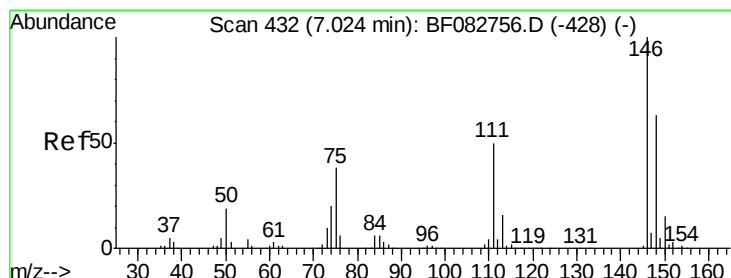
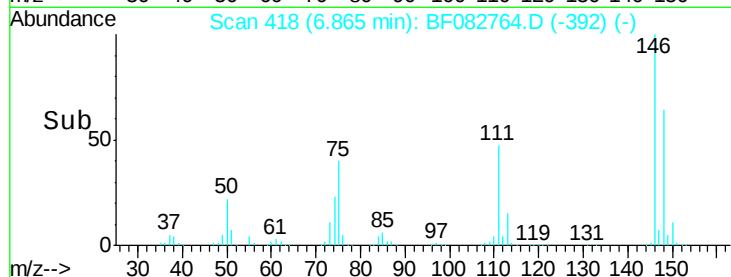
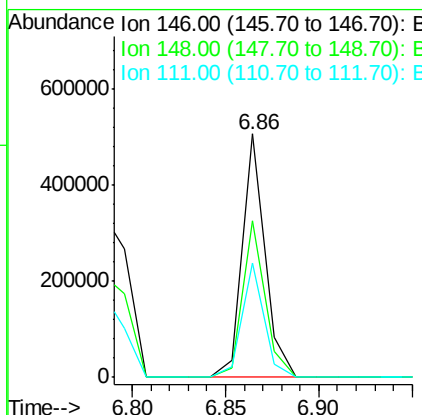
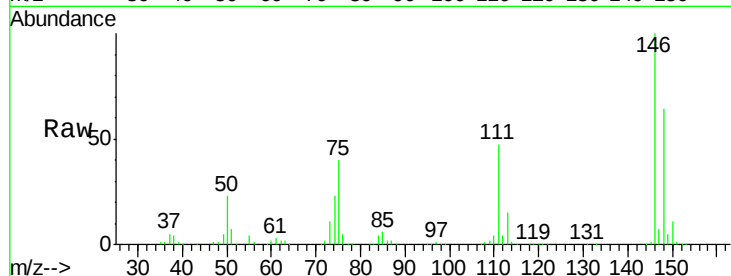




#13
 1,4-Dichlorobenzene
 Concen: 31.19 ng
 RT: 6.86 min Scan# 418
 Delta R.T. 0.00 min
 Lab File: BF082764.D
 Acq: 6 Nov 2015 16:34

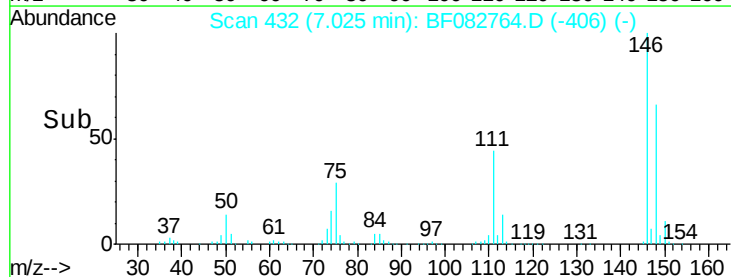
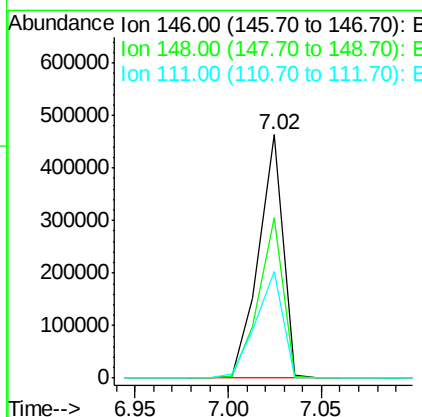
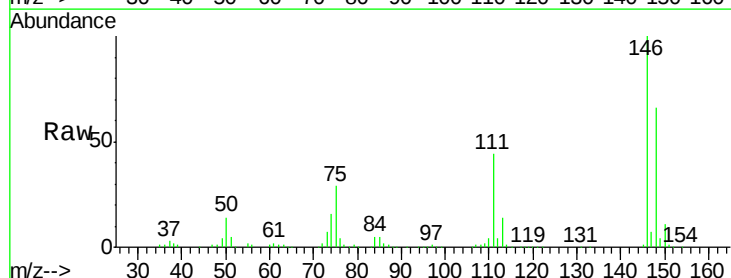
Instrument :
 BNA_F
 ClientSampleId :
 PB86450BS

Tgt Ion:146 Resp: 429211
 Ion Ratio Lower Upper
 146 100
 148 64.4 50.8 76.2
 111 46.9 40.6 60.8



#14
 1,2-Dichlorobenzene
 Concen: 34.23 ng
 RT: 7.02 min Scan# 432
 Delta R.T. 0.00 min
 Lab File: BF082764.D
 Acq: 6 Nov 2015 16:34

Tgt Ion:146 Resp: 428357
 Ion Ratio Lower Upper
 146 100
 148 65.8 52.2 78.4
 111 43.7 36.6 55.0





#15

Benzyl Alcohol

Concen: 32.46 ng

RT: 6.99 min Scan# 429

Delta R.T. 0.00 min

Lab File: BF082764.D

Acq: 6 Nov 2015 16:34

Instrument :

BNA_F

ClientSampleId :

PB86450BS

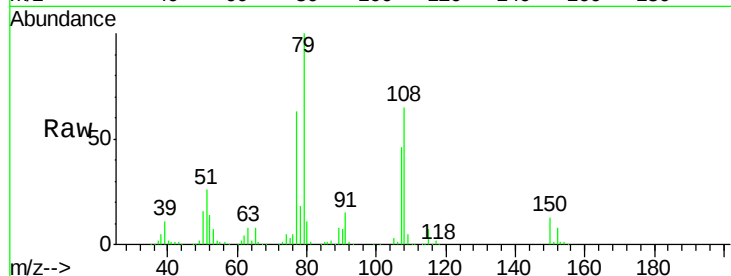
Tgt Ion: 79 Resp: 400910

Ion Ratio Lower Upper

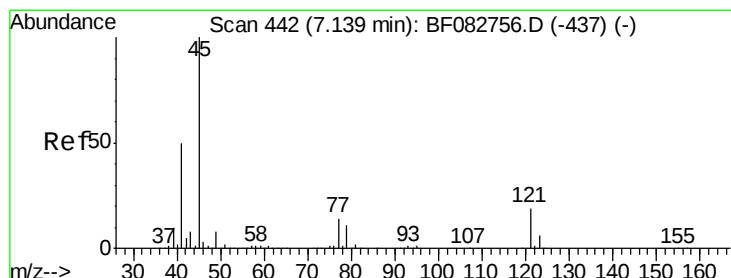
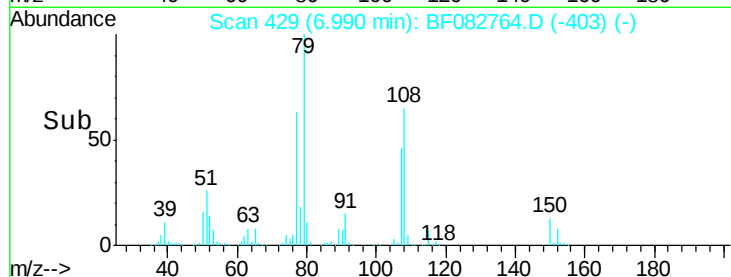
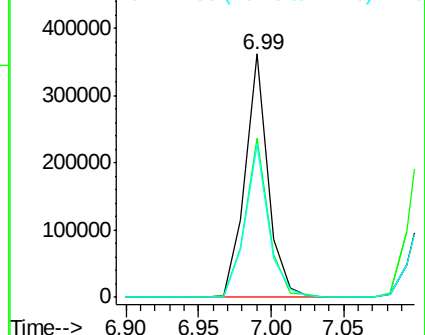
79 100

108 65.3 52.2 78.4

77 62.7 52.7 79.1



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.76 ng

RT: 7.14 min Scan# 442

Delta R.T. 0.00 min

Lab File: BF082764.D

Acq: 6 Nov 2015 16:34

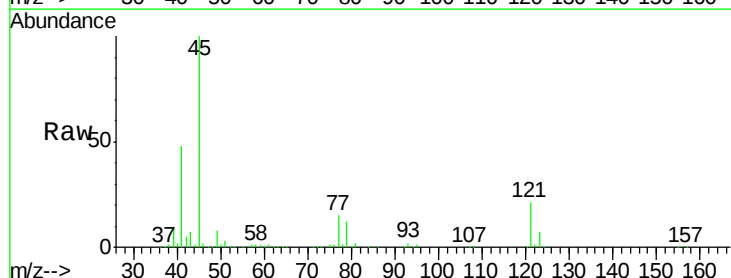
Tgt Ion: 45 Resp: 608500

Ion Ratio Lower Upper

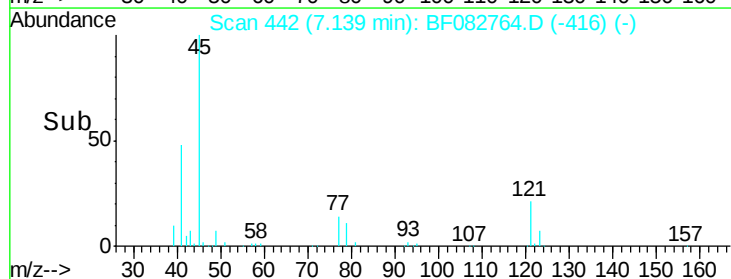
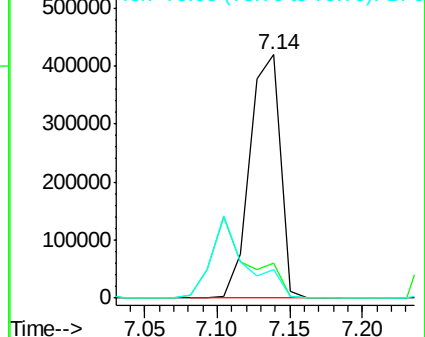
45 100

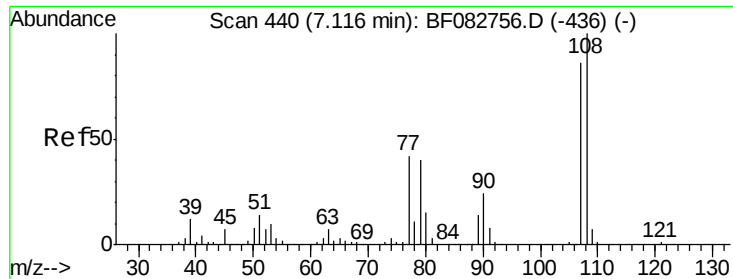
77 14.5 0.0 32.6

79 11.6 0.0 29.2



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

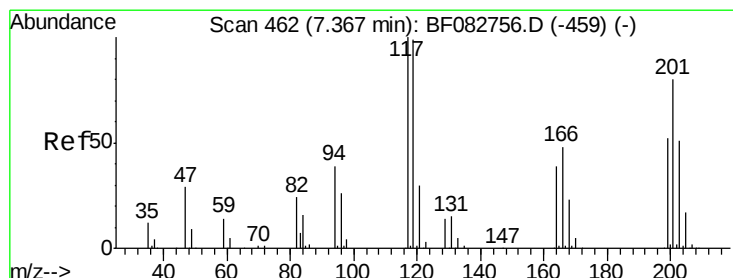
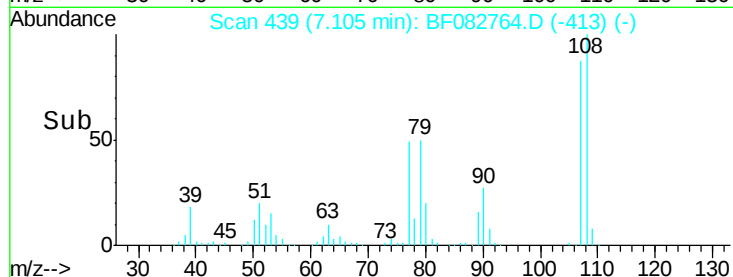
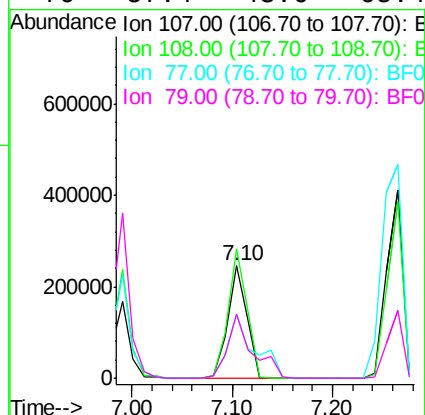
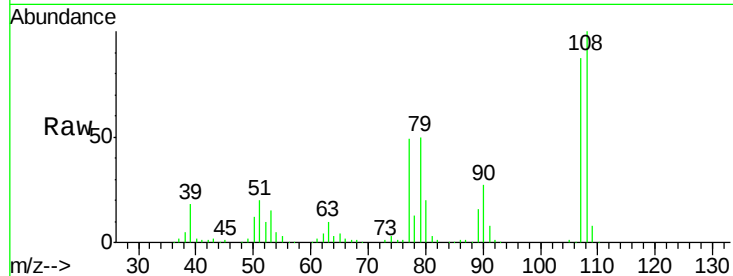




#17
2-Methylphenol
Concen: 32.46 ng
RT: 7.10 min Scan# 439
Delta R.T. 0.00 min
Lab File: BF082764.D
Acq: 6 Nov 2015 16:34

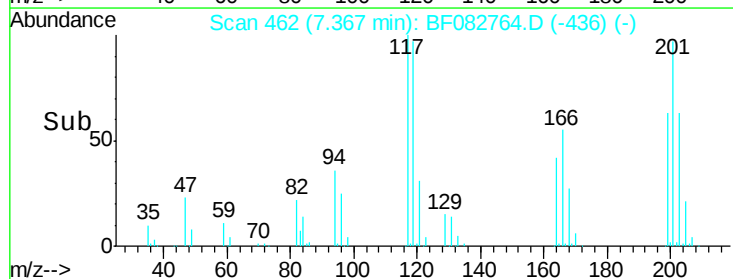
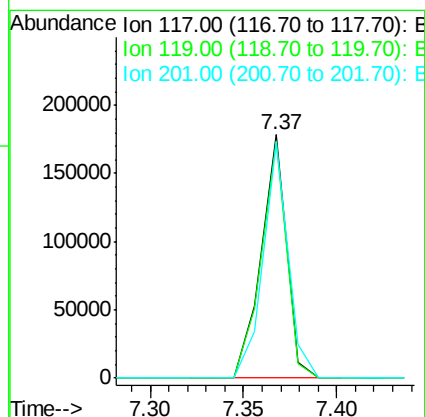
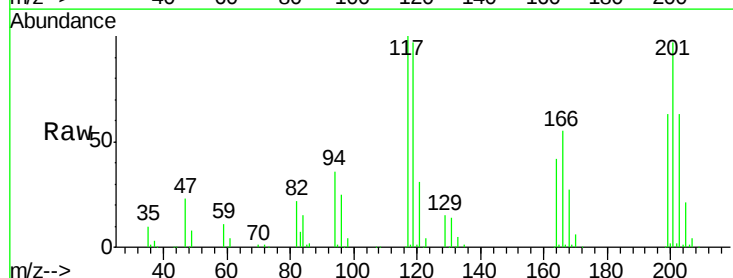
Instrument :
BNA_F
ClientSampleId :
PB86450BS

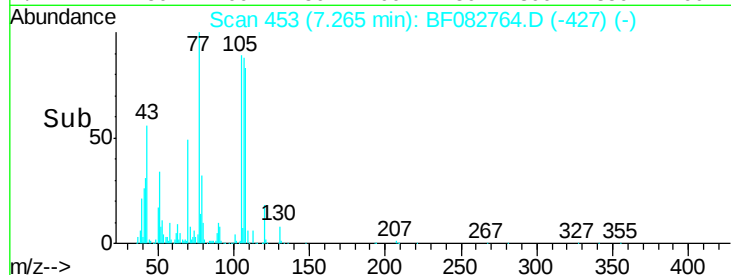
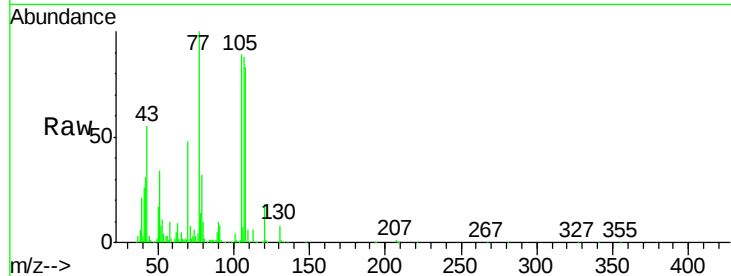
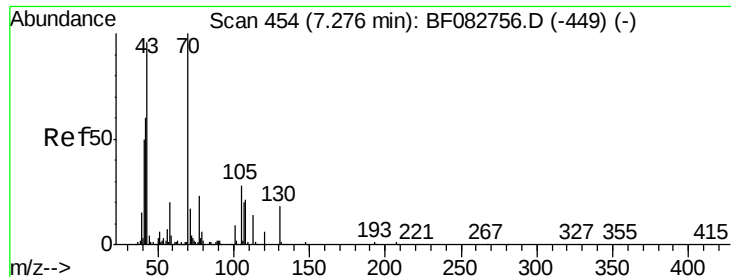
Tgt Ion:107 Resp: 322495
Ion Ratio Lower Upper
107 100
108 114.7 93.0 139.4
77 56.7 44.1 66.1
79 57.4 43.6 65.4



#18
Hexachloroethane
Concen: 33.99 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.00 min
Lab File: BF082764.D
Acq: 6 Nov 2015 16:34

Tgt Ion:117 Resp: 167293
Ion Ratio Lower Upper
117 100
119 97.4 77.7 116.5
201 96.7 66.7 100.1

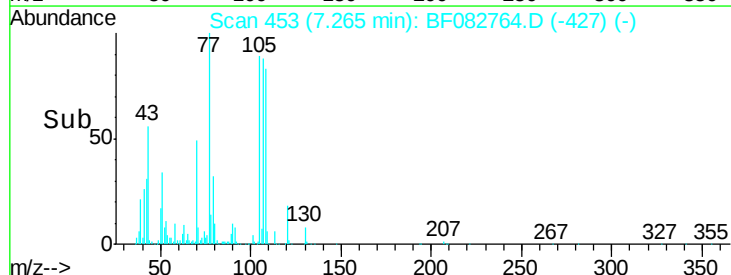
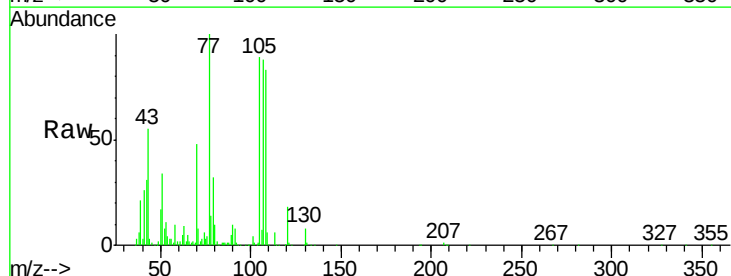
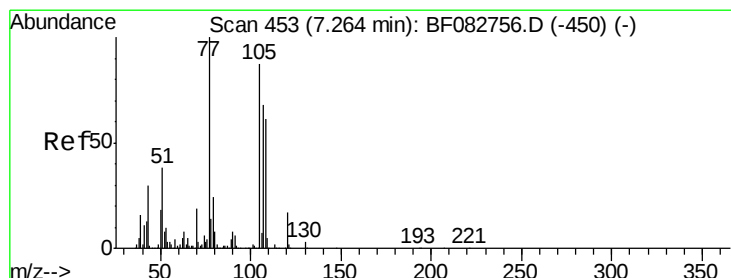
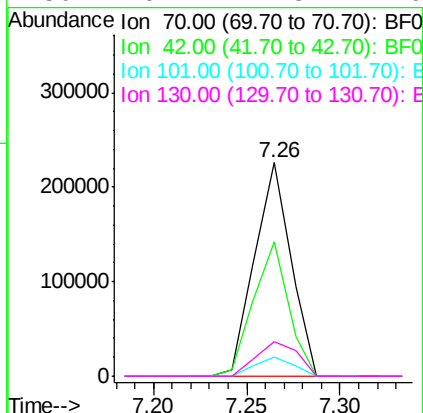




#19
n-Nitroso-di-n-propylamine
Concen: 29.48 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF082764.D
Acq: 6 Nov 2015 16:34

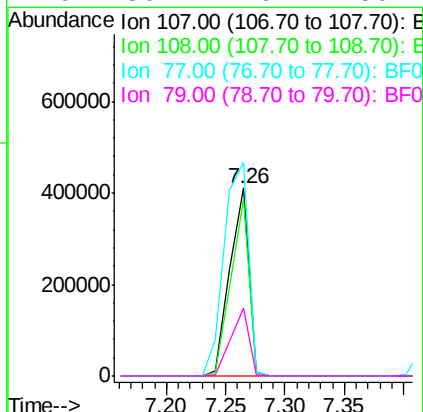
Instrument :
BNA_F
ClientSampleId :
PB86450BS

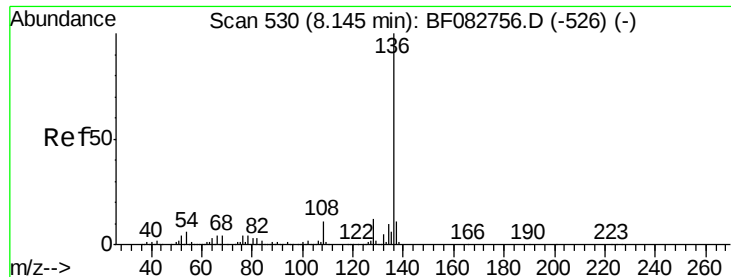
Tgt Ion:	70	Resp:	304806
Ion	Ratio	Lower	Upper
70	100		
42	63.2	57.7	86.5
101	9.3	7.0	10.6
130	16.4	11.8	17.6



#20
3+4-Methylphenols
Concen: 35.28 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF082764.D
Acq: 6 Nov 2015 16:34

Tgt Ion:	107	Resp:	455694
Ion	Ratio	Lower	Upper
107	100		
108	94.4	67.3	107.3
77	113.7	100.3	140.3
79	36.4	16.2	56.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF082764.D

Acq: 6 Nov 2015 16:34

Instrument :

BNA_F

ClientSampleId :

PB86450BS

Tgt Ion:136 Resp: 615221

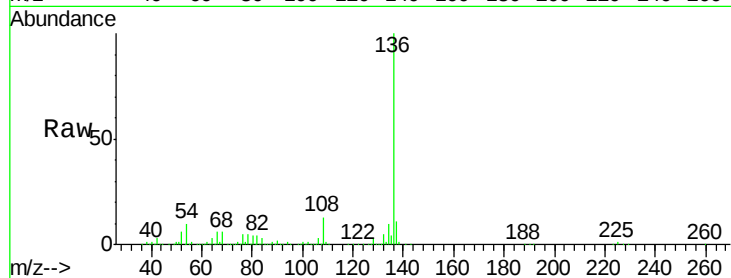
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 10.0 9.1 13.7

68 6.0 4.8 7.2

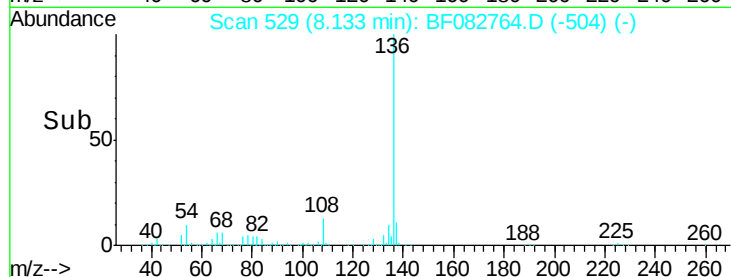


Abundance Ion 136.00 (135.70 to 136.70): E

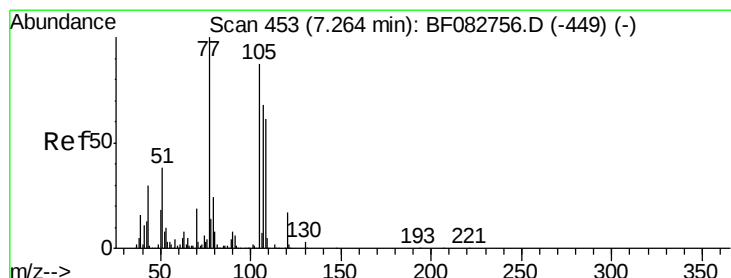
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 33.73 ng

RT: 7.26 min Scan# 453

Delta R.T. 0.00 min

Lab File: BF082764.D

Acq: 6 Nov 2015 16:34

Tgt Ion:105 Resp: 594665

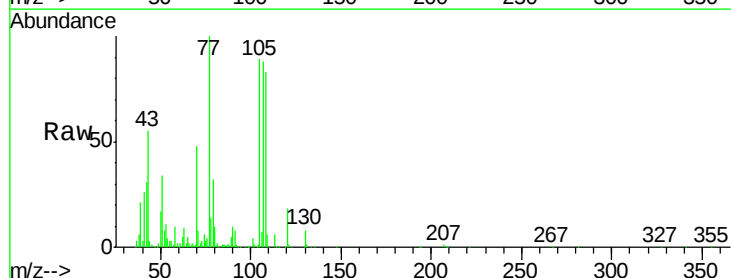
Ion Ratio Lower Upper

105 100

71 8.6 5.6 8.4#

51 37.8 24.9 37.3#

120 20.1 15.8 23.8

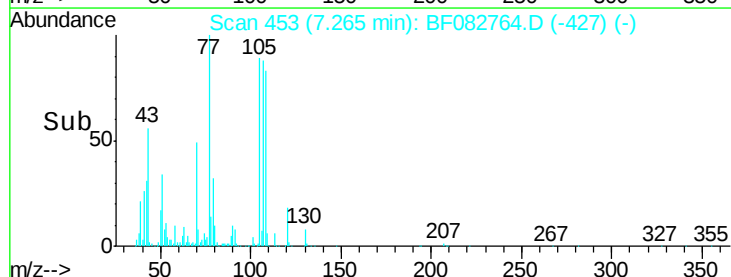


Abundance Ion 105.00 (104.70 to 105.70): E

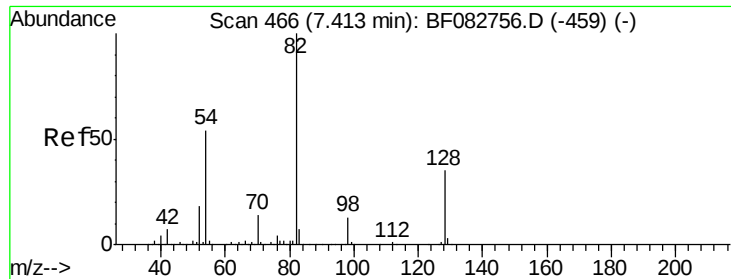
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



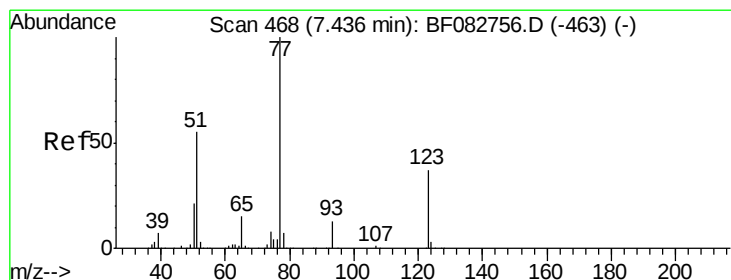
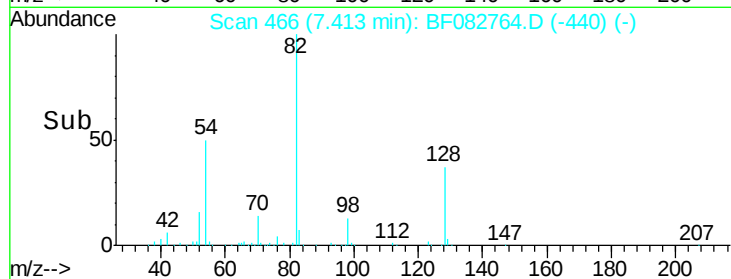
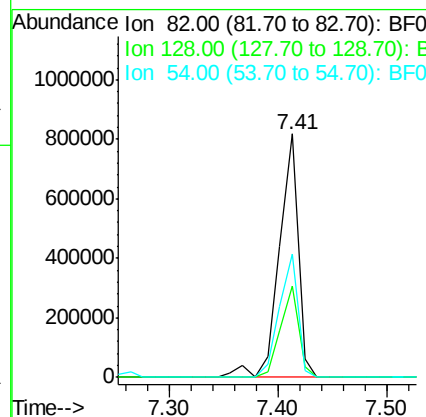
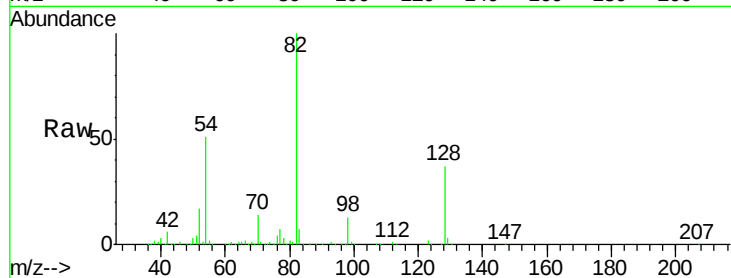
Time-->



#23
 Nitrobenzene-d5
 Concen: 70.24 ng
 RT: 7.41 min Scan# 466
 Delta R.T. 0.00 min
 Lab File: BF082764.D
 Acq: 6 Nov 2015 16:34

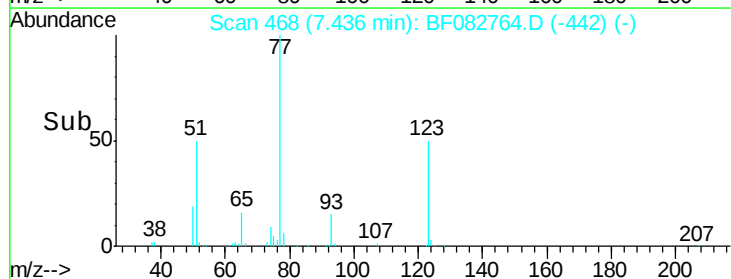
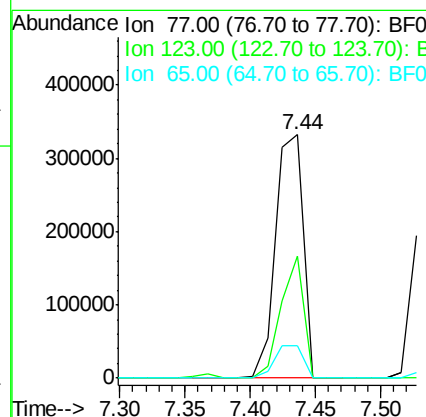
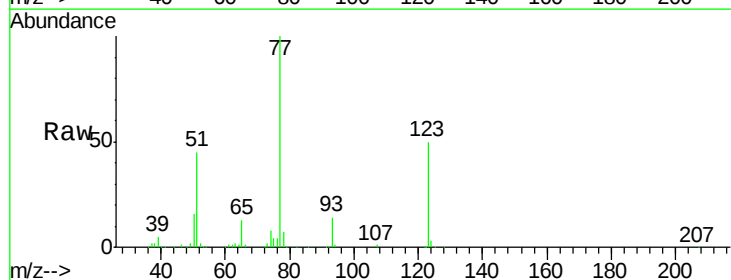
Instrument :
 BNA_F
 ClientSampled :
 PB86450BS

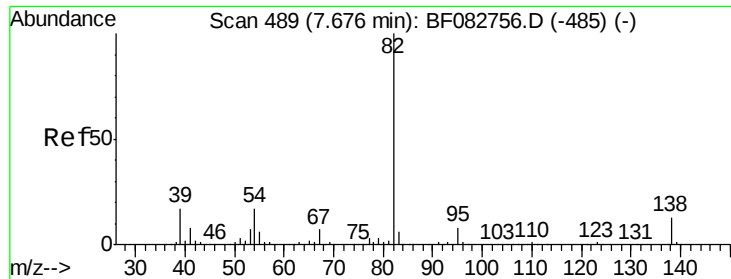
Tgt Ion: 82 Resp: 993103
 Ion Ratio Lower Upper
 82 100
 128 37.5 26.8 40.2
 54 50.7 45.7 68.5



#24
 Nitrobenzene
 Concen: 33.44 ng
 RT: 7.44 min Scan# 468
 Delta R.T. 0.00 min
 Lab File: BF082764.D
 Acq: 6 Nov 2015 16:34

Tgt Ion: 77 Resp: 483461
 Ion Ratio Lower Upper
 77 100
 123 49.9 36.4 54.6
 65 13.3 11.5 17.3





#25

Isophorone

Concen: 32.81 ng

RT: 7.68 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF082764.D

Acq: 6 Nov 2015 16:34

Instrument :

BNA_F

ClientSampleId :

PB86450BS

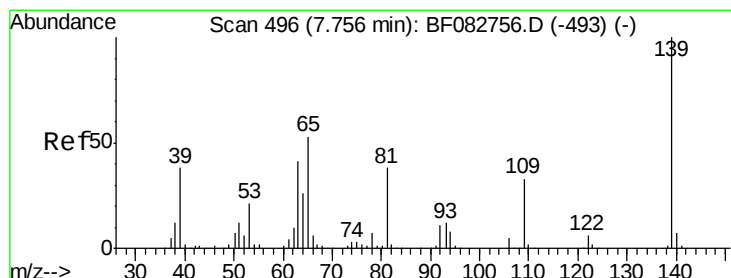
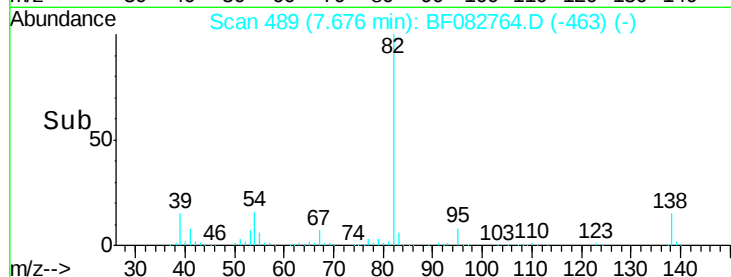
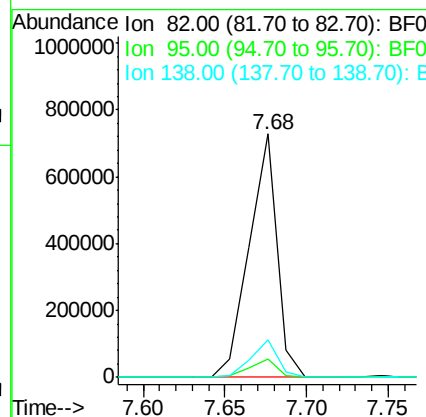
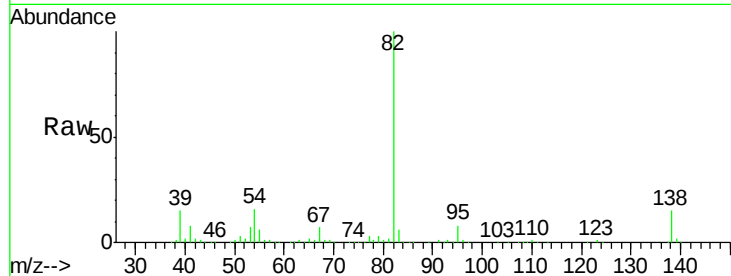
Tgt Ion: 82 Resp: 858407

Ion Ratio Lower Upper

82 100

95 7.6 6.6 9.8

138 15.3 11.4 17.0



#26

2-Nitrophenol

Concen: 32.58 ng

RT: 7.74 min Scan# 495

Delta R.T. -0.01 min

Lab File: BF082764.D

Acq: 6 Nov 2015 16:34

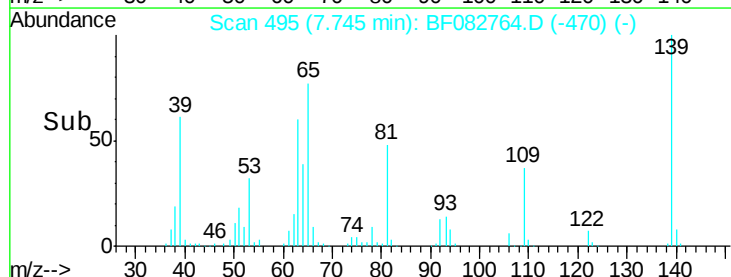
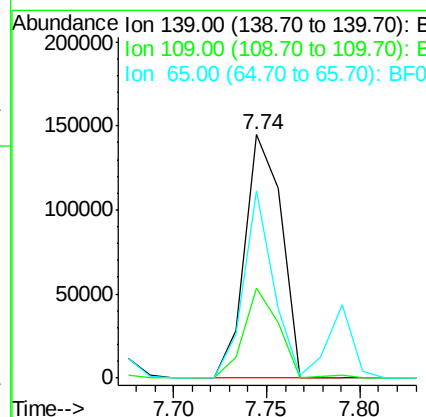
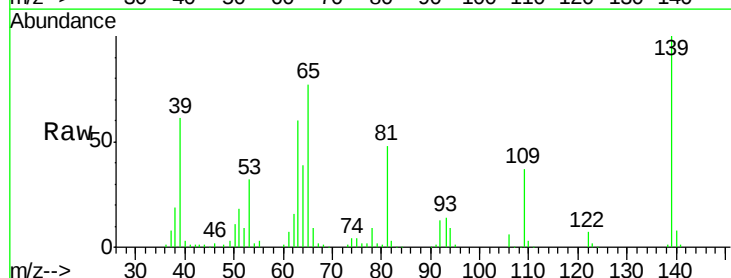
Tgt Ion: 139 Resp: 196617

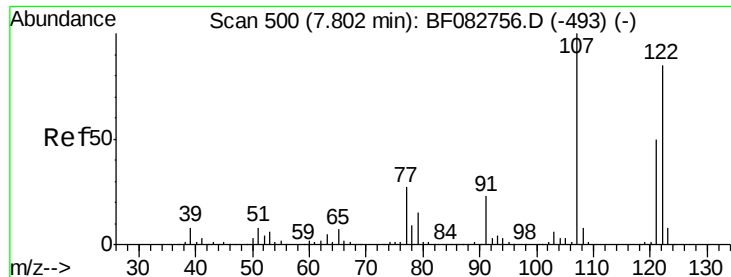
Ion Ratio Lower Upper

139 100

109 37.2 37.6 56.4#

65 77.0 70.6 105.8

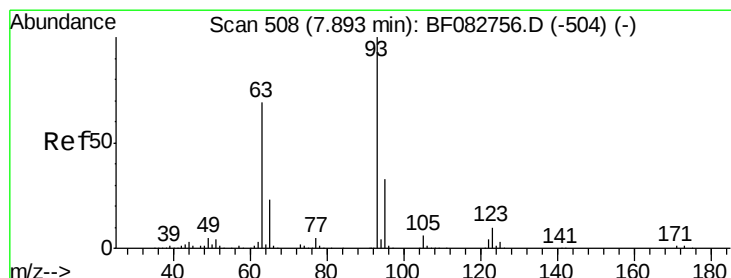
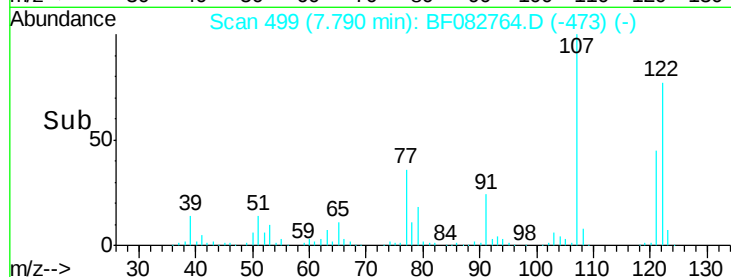
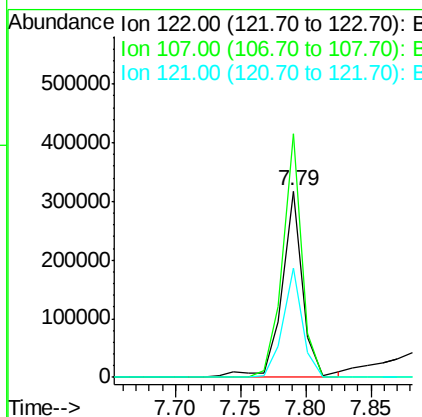
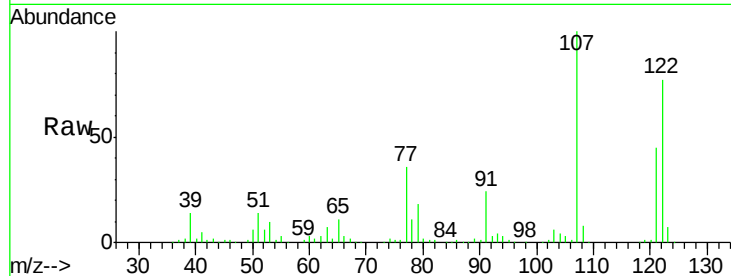




#27
 2,4-Dimethylphenol
 Concen: 32.83 ng
 RT: 7.79 min Scan# 499
 Delta R.T. 0.00 min
 Lab File: BF082764.D
 Acq: 6 Nov 2015 16:34

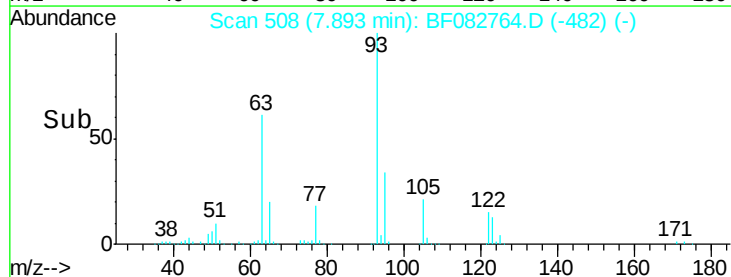
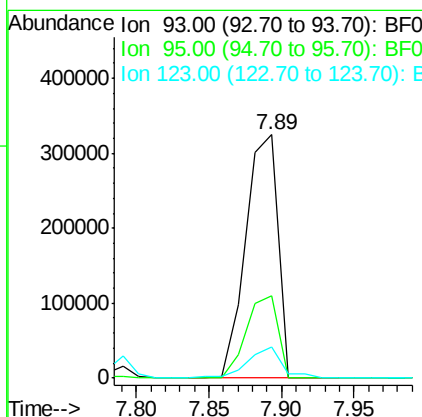
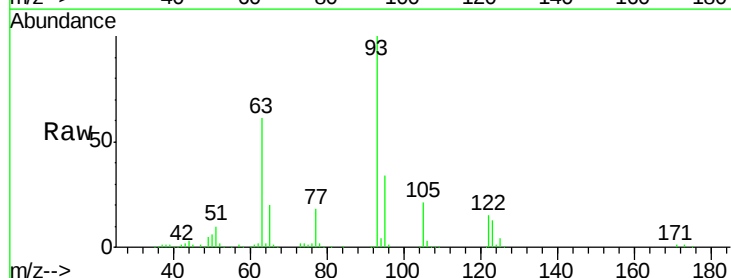
Instrument :
 BNA_F
 ClientSampled :
 PB86450BS

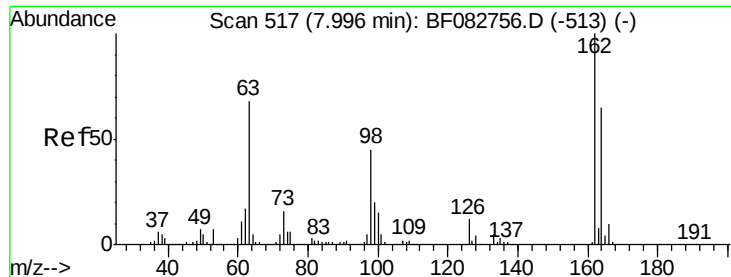
Tgt Ion:122 Resp: 355979
 Ion Ratio Lower Upper
 122 100
 107 130.6 106.0 159.0
 121 58.9 46.7 70.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 33.84 ng
 RT: 7.89 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: BF082764.D
 Acq: 6 Nov 2015 16:34

Tgt Ion: 93 Resp: 499392
 Ion Ratio Lower Upper
 93 100
 95 33.6 26.6 40.0
 123 12.8 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 36.80 ng

RT: 8.00 min Scan# 517

Delta R.T. 0.00 min

Lab File: BF082764.D

Acq: 6 Nov 2015 16:34

Instrument :

BNA_F

ClientSampleId :

PB86450BS

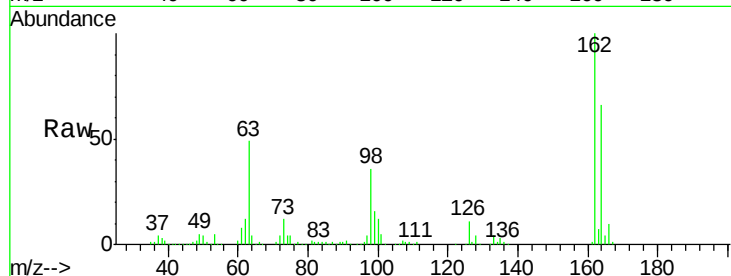
Tgt Ion:162 Resp: 360696

Ion Ratio Lower Upper

162 100

164 65.8 46.8 86.8

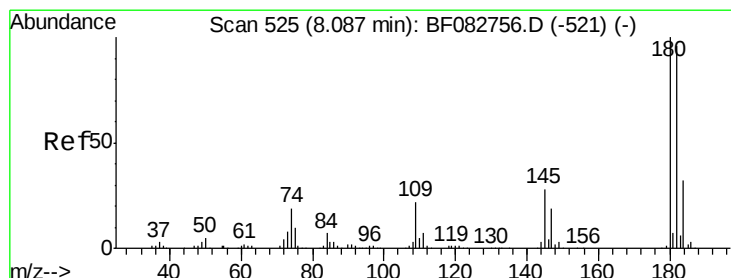
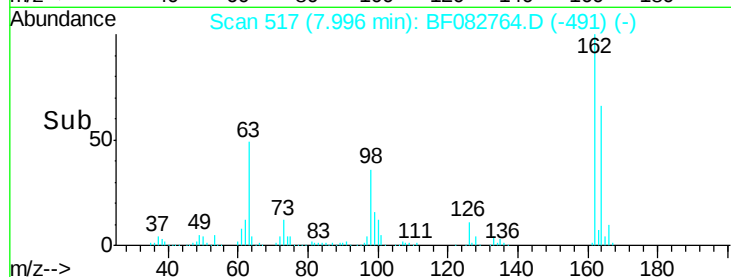
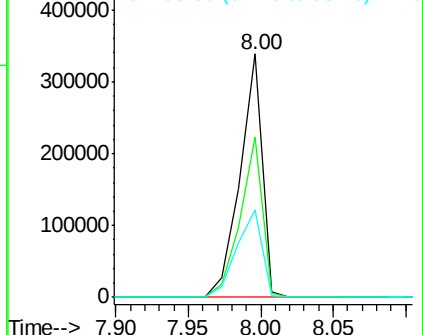
98 36.2 12.5 52.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 32.77 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF082764.D

Acq: 6 Nov 2015 16:34

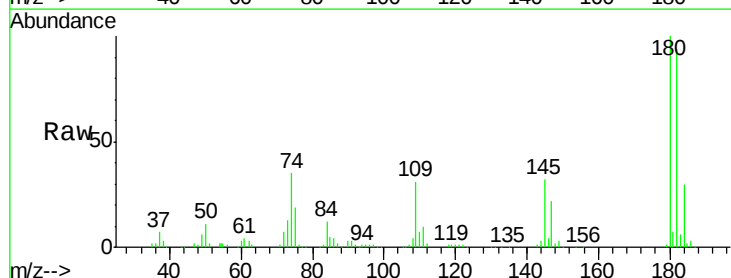
Tgt Ion:180 Resp: 361200

Ion Ratio Lower Upper

180 100

182 94.4 74.9 112.3

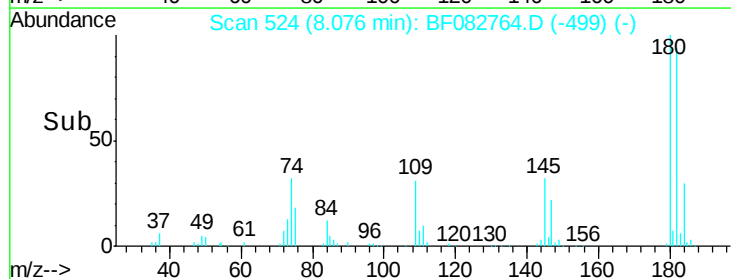
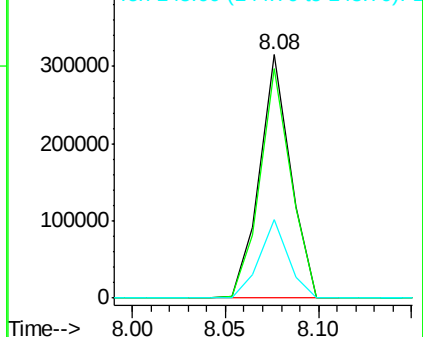
145 32.5 27.8 41.8

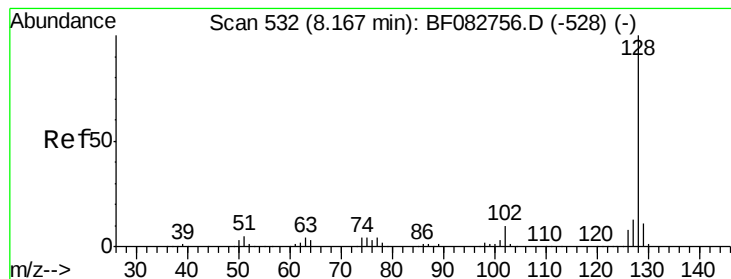


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 31.42 ng

RT: 8.16 min Scan# 531

Delta R.T. 0.00 min

Lab File: BF082764.D

Acq: 6 Nov 2015 16:34

Instrument :

BNA_F

ClientSampleId :

PB86450BS

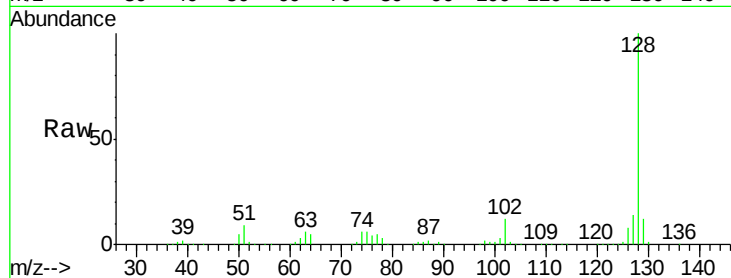
Tgt Ion:128 Resp: 1066574

Ion Ratio Lower Upper

128 100

129 11.5 9.5 14.3

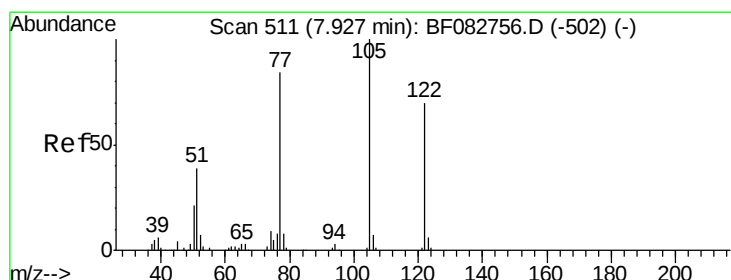
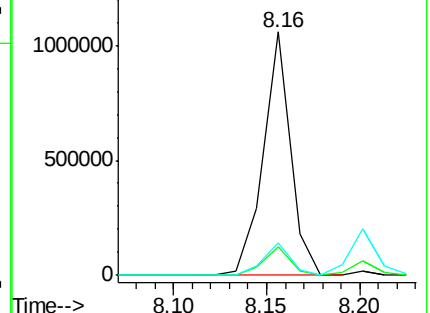
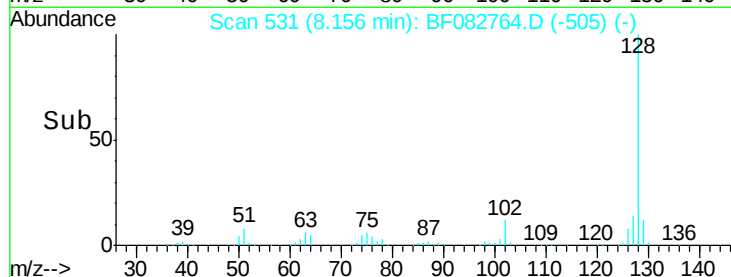
127 13.5 11.4 17.0



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: 31.31 ng

RT: 7.92 min Scan# 510

Delta R.T. 0.01 min

Lab File: BF082764.D

Acq: 6 Nov 2015 16:34

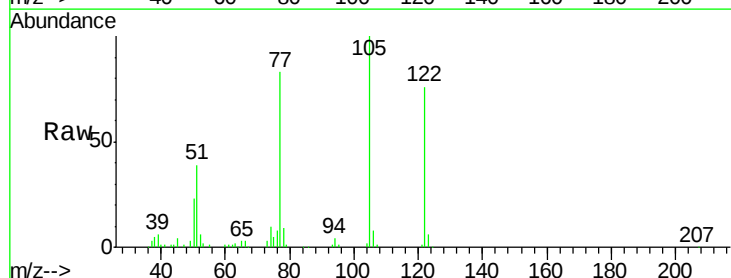
Tgt Ion:122 Resp: 232466

Ion Ratio Lower Upper

122 100

105 131.6 122.6 162.6

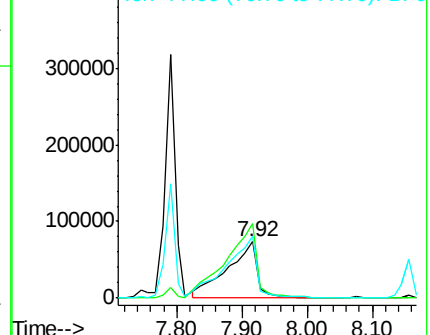
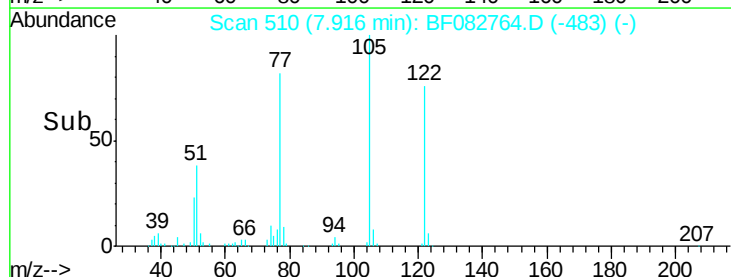
77 109.7 100.9 140.9



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

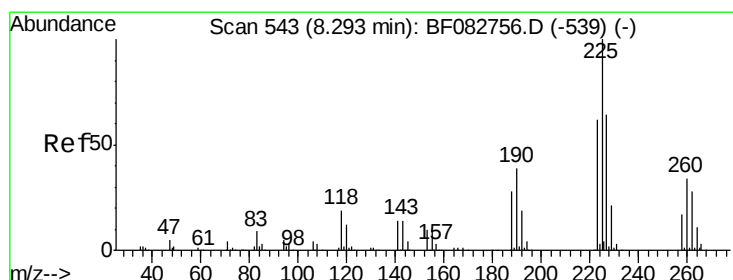
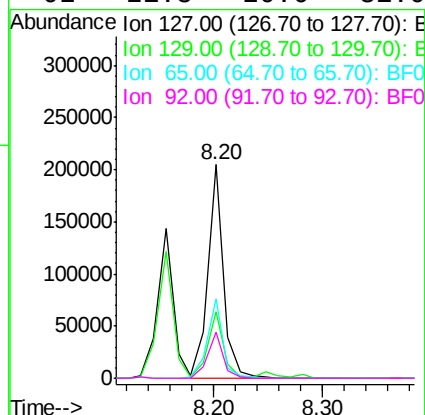
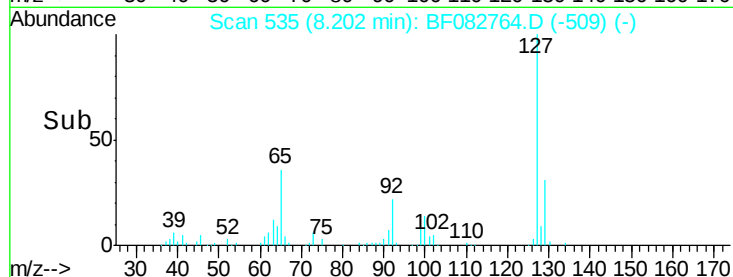
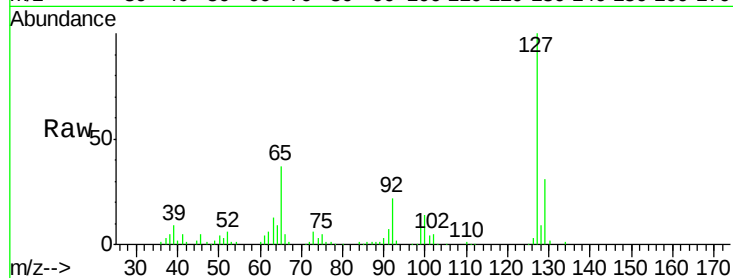




#33
4-Chloroaniline
Concen: 14.01 ng
RT: 8.20 min Scan# 535
Delta R.T. 0.00 min
Lab File: BF082764.D
Acq: 6 Nov 2015 16:34

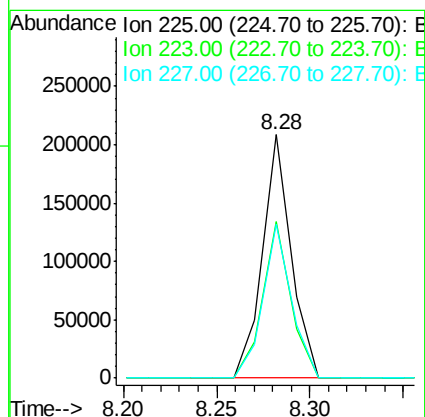
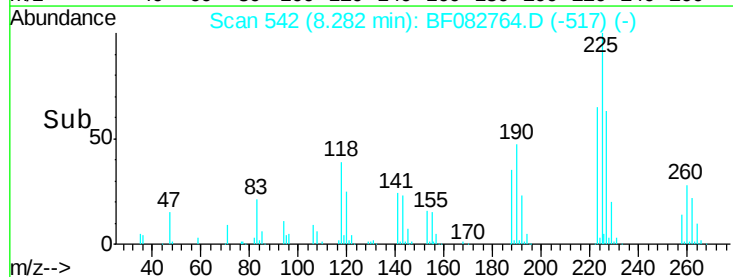
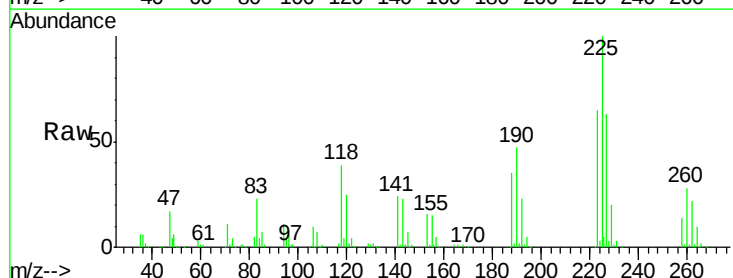
Instrument :
BNA_F
ClientSampleId :
PB86450BS

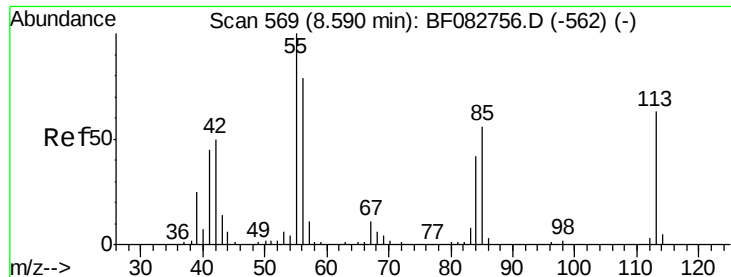
Tgt Ion:	127	Resp:	204939
Ion	Ratio	Lower	Upper
127	100		
129	31.1	26.3	39.5
65	36.9	37.8	56.8#
92	21.8	20.6	31.0



#34
Hexachlorobutadiene
Concen: 32.75 ng
RT: 8.28 min Scan# 542
Delta R.T. -0.01 min
Lab File: BF082764.D
Acq: 6 Nov 2015 16:34

Tgt Ion:	225	Resp:	225900
Ion	Ratio	Lower	Upper
225	100		
223	64.5	50.5	75.7
227	63.1	50.2	75.2

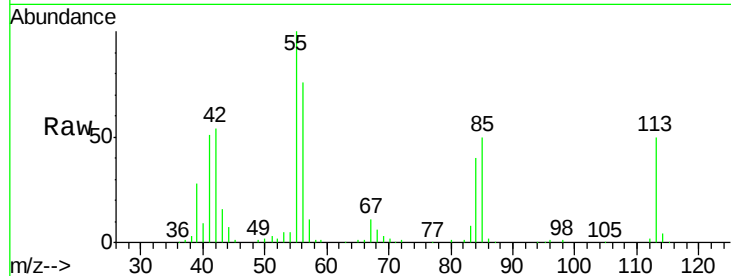




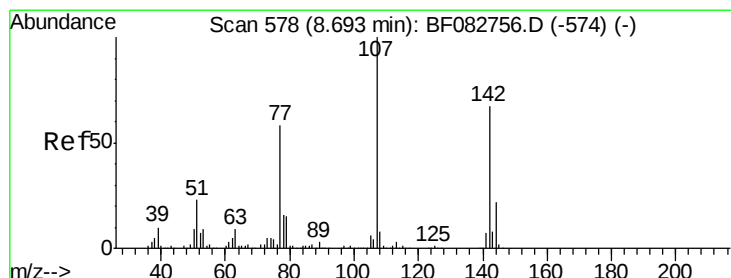
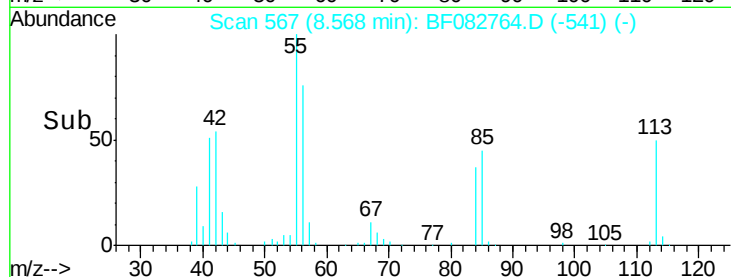
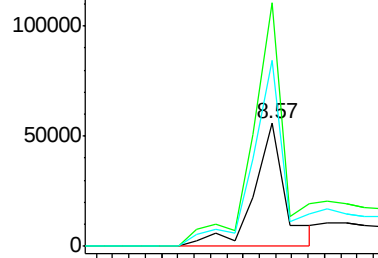
#35
 Caprolactam
 Concen: 24.06 ng
 RT: 8.57 min Scan# 567
 Delta R.T. 0.00 min
 Lab File: BF082764.D
 Acq: 6 Nov 2015 16:34

Instrument :
 BNA_F
 ClientSampleId :
 PB86450BS

Tgt Ion:113 Resp: 74328
 Ion Ratio Lower Upper
 113 100
 55 198.3 195.5 235.5
 56 151.5 153.5 193.5#

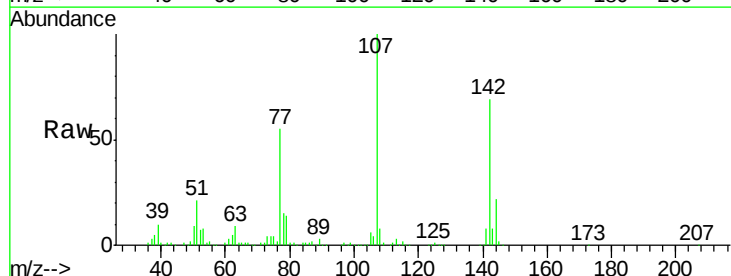


Abundance Ion 113.00 (112.70 to 113.70): E
 150000
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

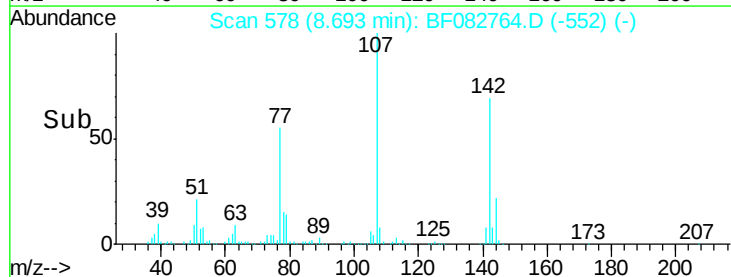
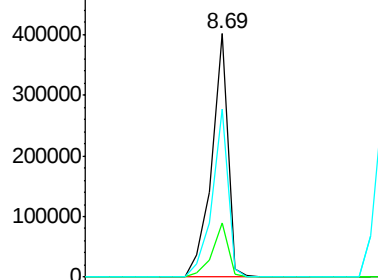


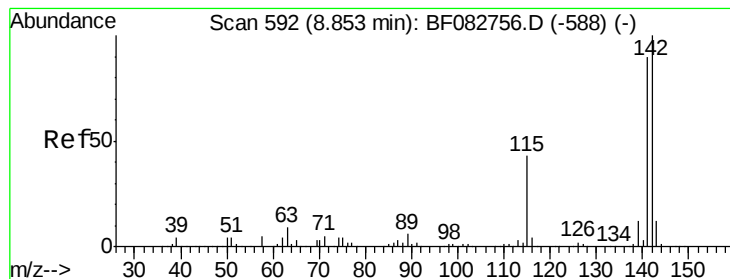
#36
 4-Chloro-3-methylphenol
 Concen: 35.71 ng
 RT: 8.69 min Scan# 578
 Delta R.T. 0.00 min
 Lab File: BF082764.D
 Acq: 6 Nov 2015 16:34

Tgt Ion:107 Resp: 411535
 Ion Ratio Lower Upper
 107 100
 144 22.5 15.4 23.0
 142 68.8 47.8 71.8



Abundance Ion 107.00 (106.70 to 107.70): E
 500000
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 35.80 ng

RT: 8.85 min Scan# 592

Delta R.T. 0.00 min

Lab File: BF082764.D

Acq: 6 Nov 2015 16:34

Instrument :

BNA_F

ClientSampleId :

PB86450BS

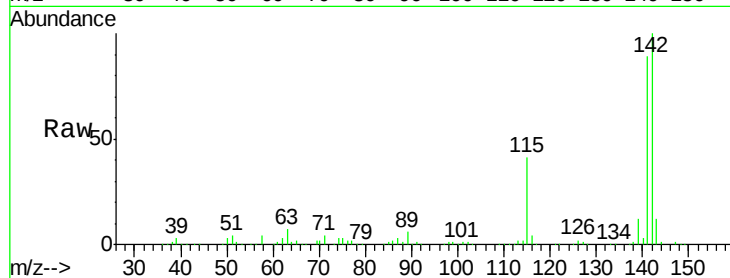
Tgt Ion:142 Resp: 786149

Ion Ratio Lower Upper

142 100

141 89.4 72.3 108.5

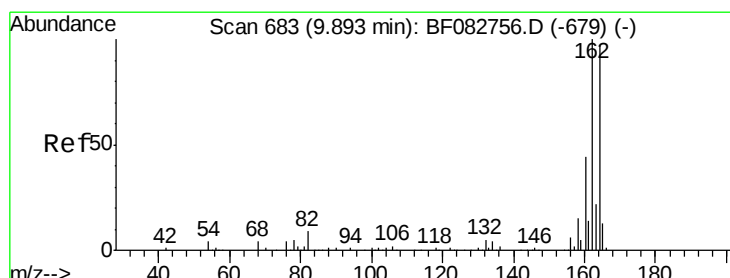
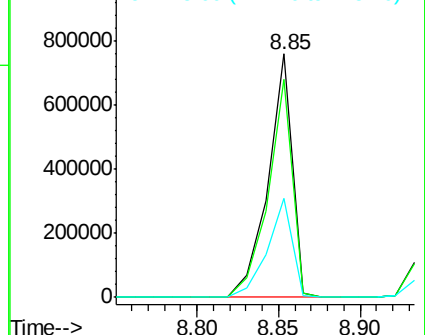
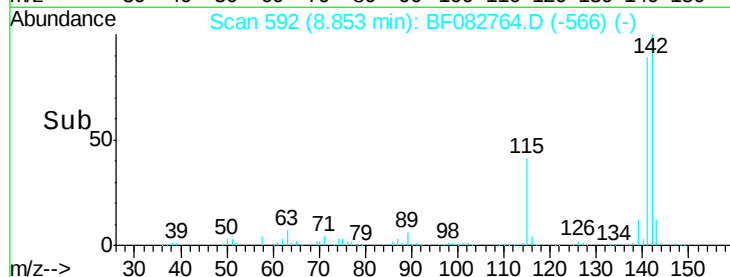
115 40.7 38.1 57.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF082764.D

Acq: 6 Nov 2015 16:34

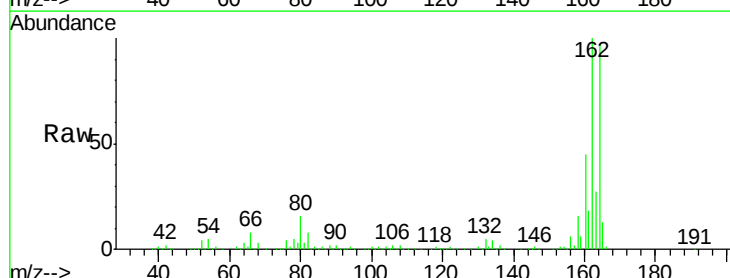
Tgt Ion:164 Resp: 331092

Ion Ratio Lower Upper

164 100

162 103.5 84.9 127.3

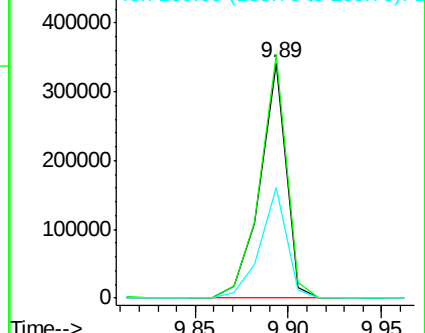
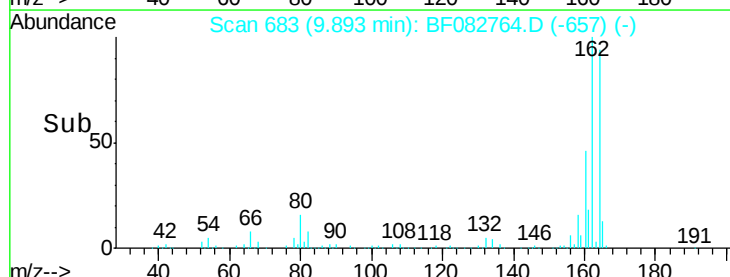
160 47.0 37.5 56.3

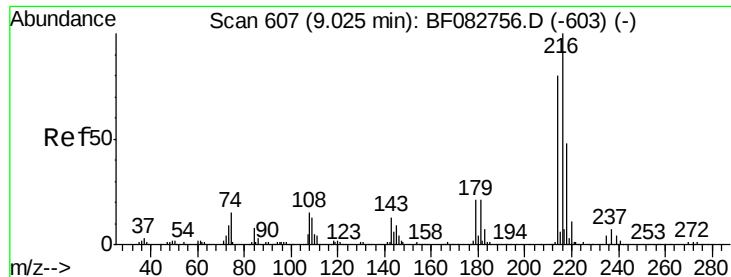


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.76 ng

RT: 9.02 min Scan# 607

Delta R.T. 0.00 min

Lab File: BF082764.D

Acq: 6 Nov 2015 16:34

Instrument :

BNA_F

ClientSampleId :

PB86450BS

Tgt Ion:216 Resp: 367349

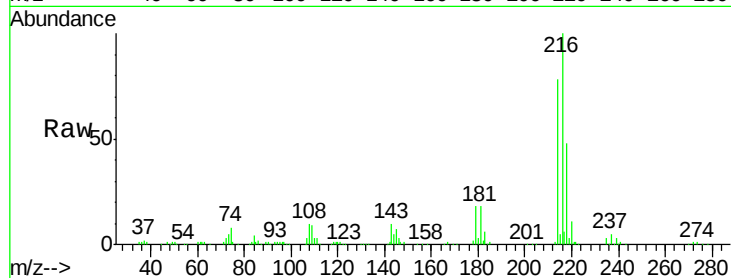
Ion Ratio Lower Upper

216 100

214 79.3 62.2 93.2

179 21.2 18.1 27.1

108 20.8 16.6 25.0

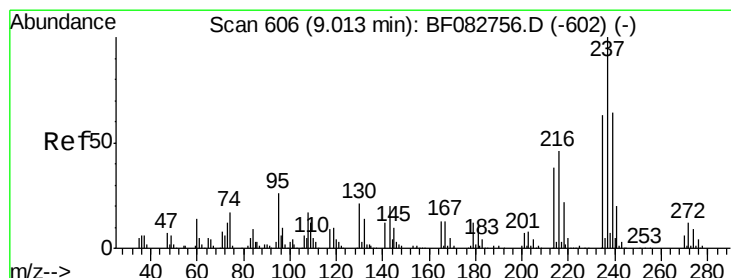
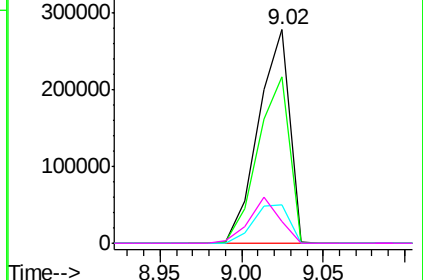
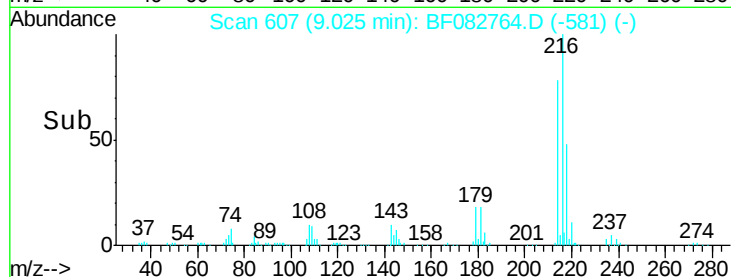


Abundance Ion 216.00 (215.70 to 216.70): E

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: 84.47 ng

RT: 9.01 min Scan# 606

Delta R.T. 0.00 min

Lab File: BF082764.D

Acq: 6 Nov 2015 16:34

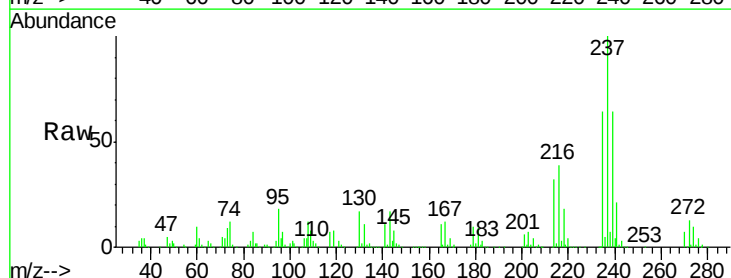
Tgt Ion:237 Resp: 493784

Ion Ratio Lower Upper

237 100

235 64.1 44.3 84.3

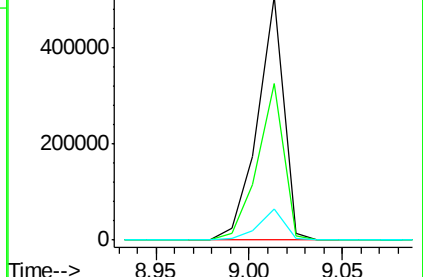
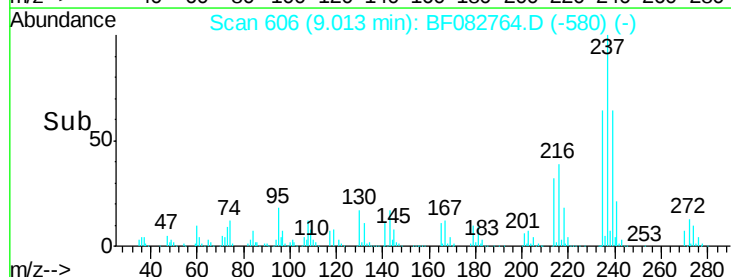
272 12.6 0.0 31.9

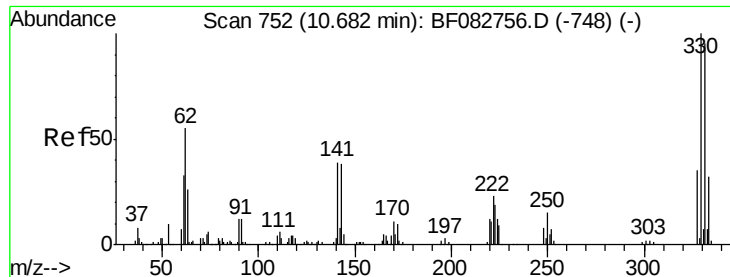


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

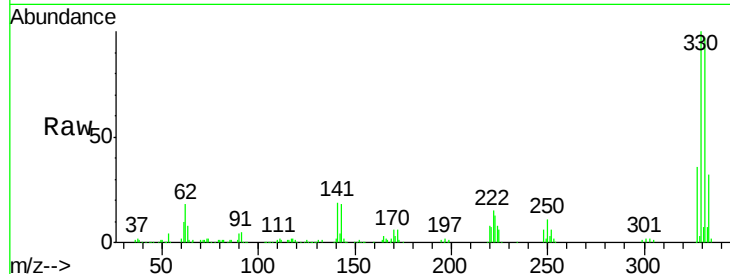




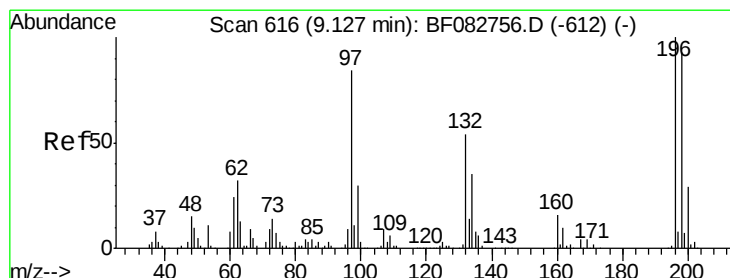
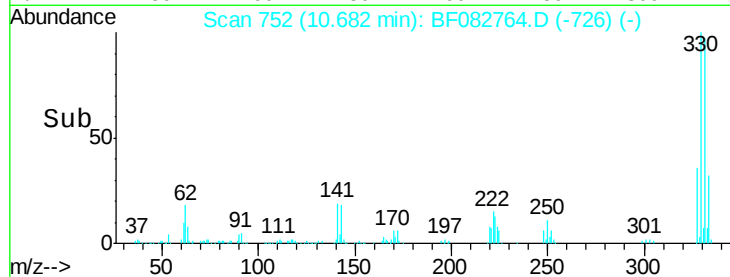
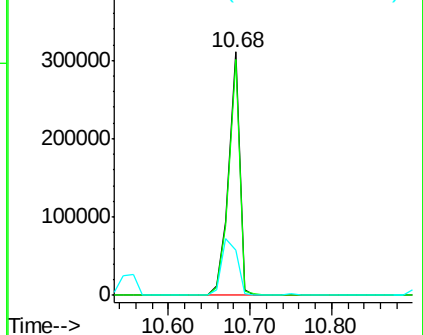
#41
 2,4,6-Tribromophenol
 Concen: 77.29 ng
 RT: 10.68 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF082764.D
 Acq: 6 Nov 2015 16:34

Instrument :
 BNA_F
 ClientSampleId :
 PB86450BS

Tgt Ion:330 Resp: 293427
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.6 114.8
 141 33.0 41.2 61.8#

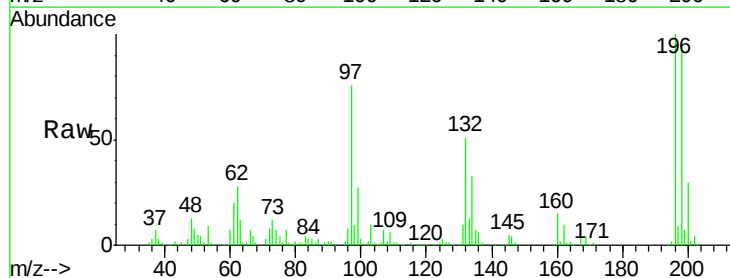


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

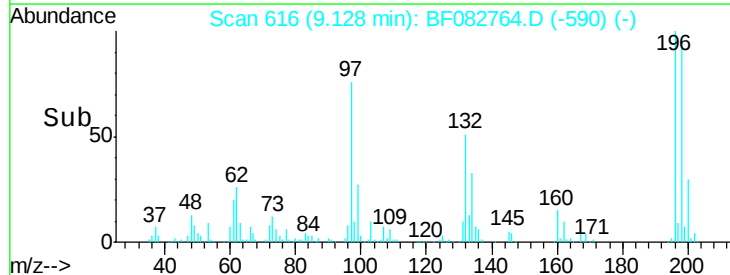
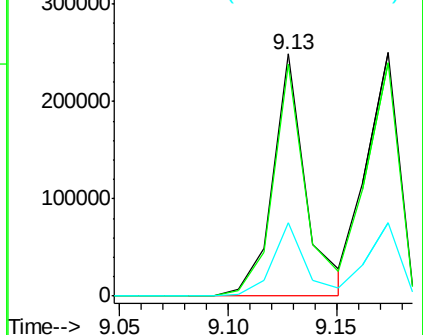


#42
 2,4,6-Trichlorophenol
 Concen: 32.70 ng
 RT: 9.13 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF082764.D
 Acq: 6 Nov 2015 16:34

Tgt Ion:196 Resp: 265542
 Ion Ratio Lower Upper
 196 100
 198 96.1 76.3 114.5
 200 30.1 23.9 35.9



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

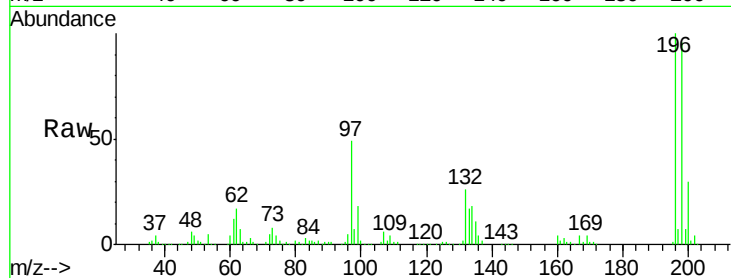




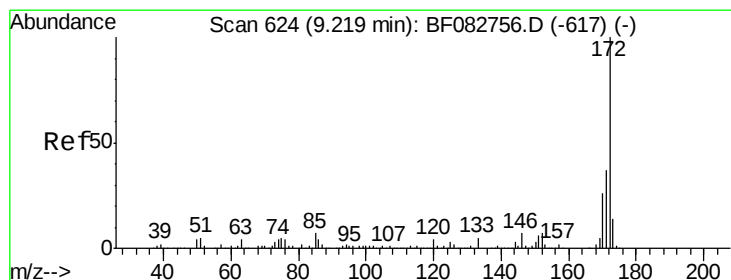
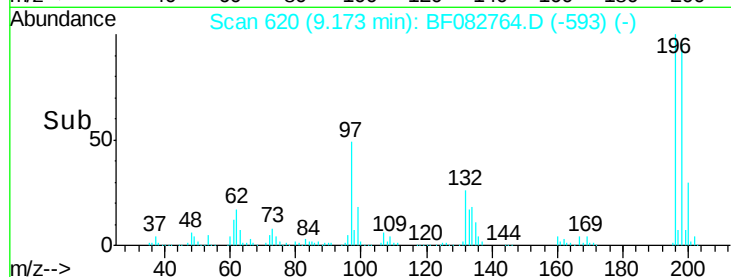
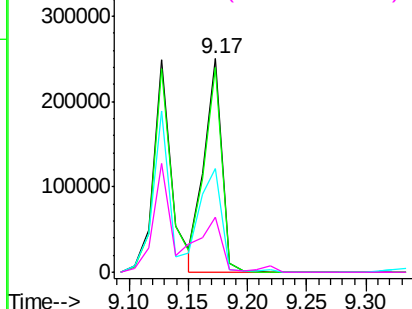
#43
 2,4,5-Trichlorophenol
 Concen: 32.57 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.01 min
 Lab File: BF082764.D
 Acq: 6 Nov 2015 16:34

Instrument :
 BNA_F
 ClientSampleId :
 PB86450BS

Tgt Ion:196 Resp: 261597
 Ion Ratio Lower Upper
 196 100
 198 96.0 75.8 113.8
 97 48.5 62.3 93.5#
 132 25.7 27.4 41.2#

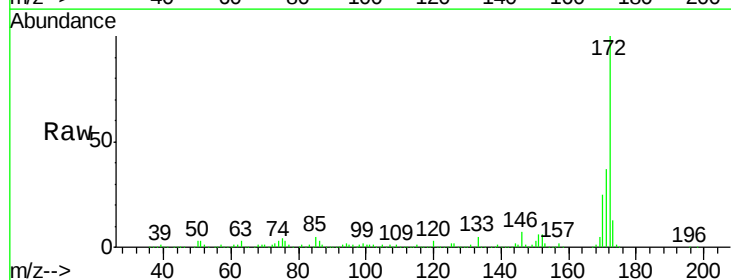


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

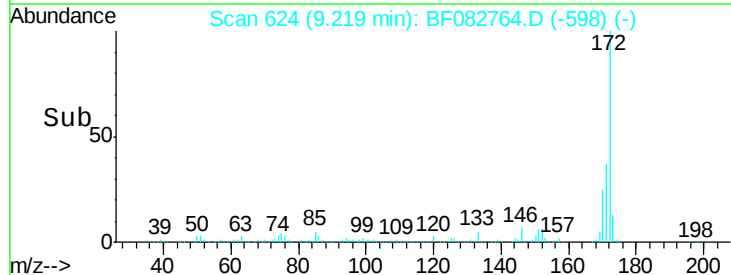
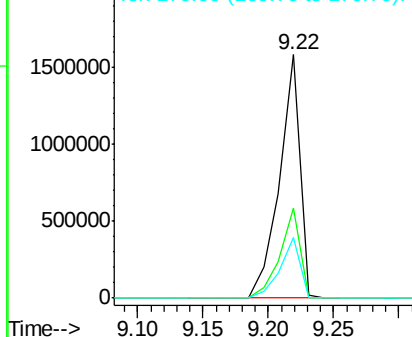


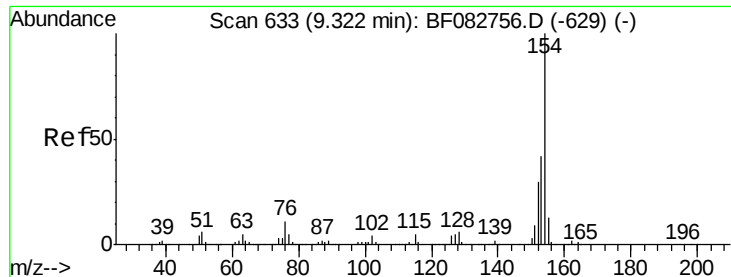
#44
 2-Fluorobiphenyl
 Concen: 73.85 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF082764.D
 Acq: 6 Nov 2015 16:34

Tgt Ion:172 Resp: 1706106
 Ion Ratio Lower Upper
 172 100
 171 37.2 30.8 46.2
 170 24.9 21.2 31.8



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

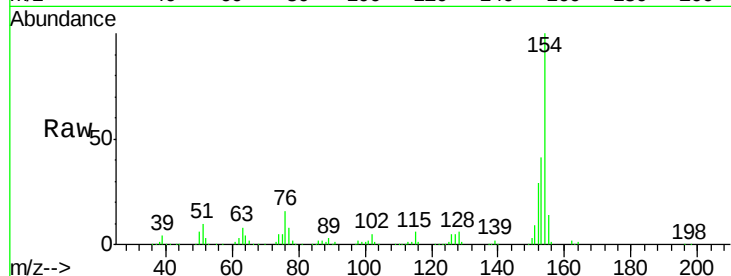




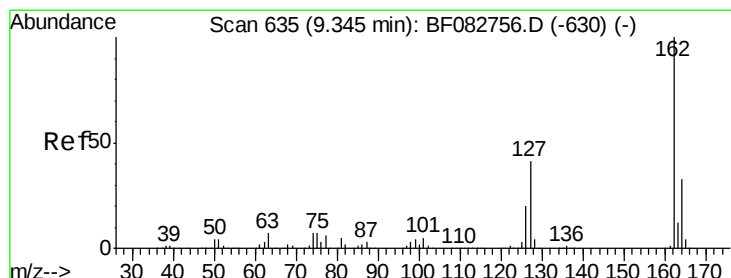
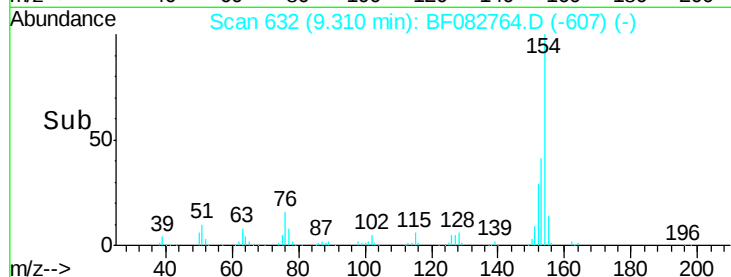
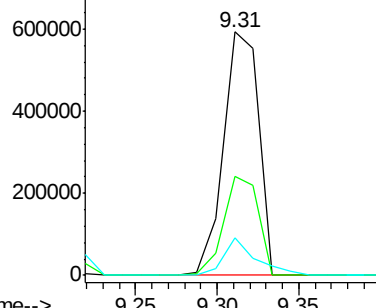
#45
 1,1'-Biphenyl
 Concen: 31.23 ng
 RT: 9.31 min Scan# 632
 Delta R.T. -0.01 min
 Lab File: BF082764.D
 Acq: 6 Nov 2015 16:34

Instrument :
 BNA_F
 ClientSampleId :
 PB86450BS

Tgt Ion:	154	Resp:	887214
Ion	Ratio	Lower	Upper
154	100		
153	40.9	22.0	62.0
76	15.5	0.0	29.0

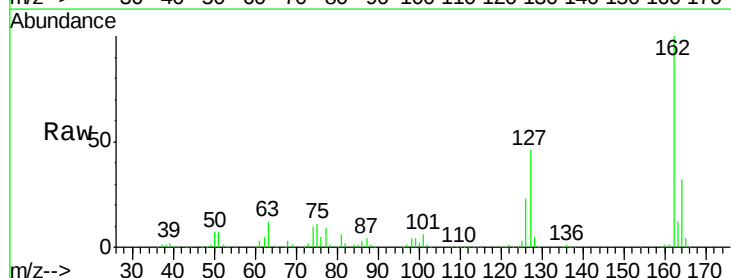


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

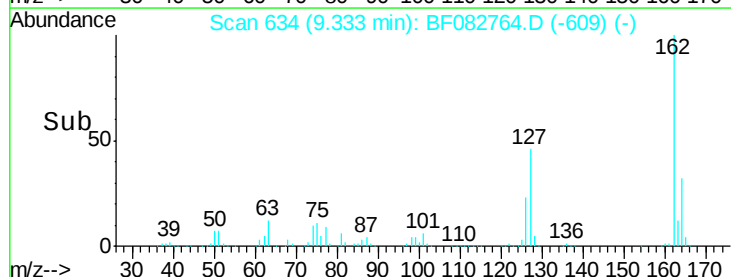
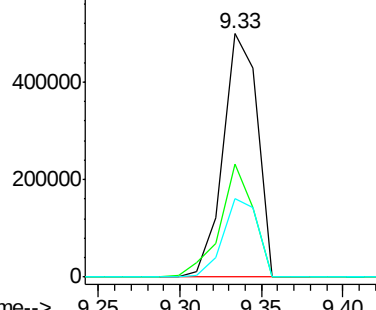


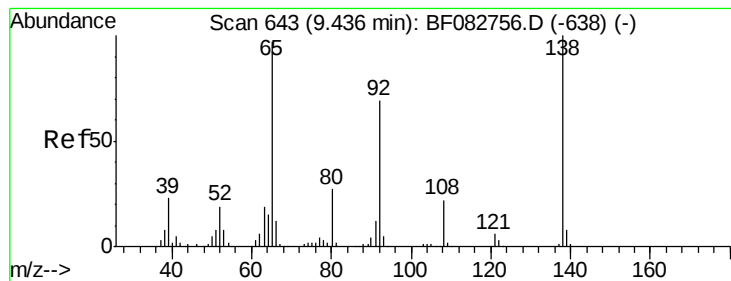
#46
 2-Chloronaphthalene
 Concen: 32.82 ng
 RT: 9.33 min Scan# 634
 Delta R.T. -0.01 min
 Lab File: BF082764.D
 Acq: 6 Nov 2015 16:34

Tgt Ion:	162	Resp:	727415
Ion	Ratio	Lower	Upper
162	100		
127	46.2	32.7	49.1
164	32.4	27.4	41.0



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





#47

2-Nitroaniline

Concen: 30.47 ng

RT: 9.42 min Scan# 642

Delta R.T. 0.00 min

Lab File: BF082764.D

Acq: 6 Nov 2015 16:34

Instrument :

BNA_F

ClientSampleId :

PB86450BS

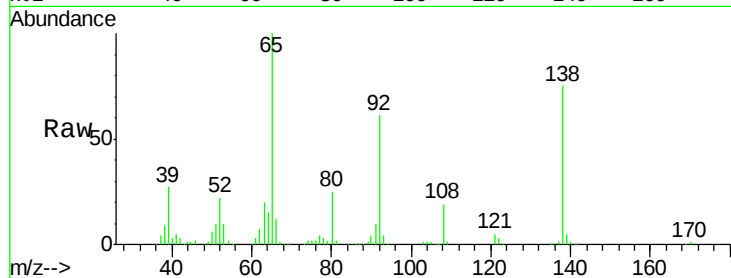
Tgt Ion: 65 Resp: 250529

Ion Ratio Lower Upper

65 100

92 61.5 46.6 70.0

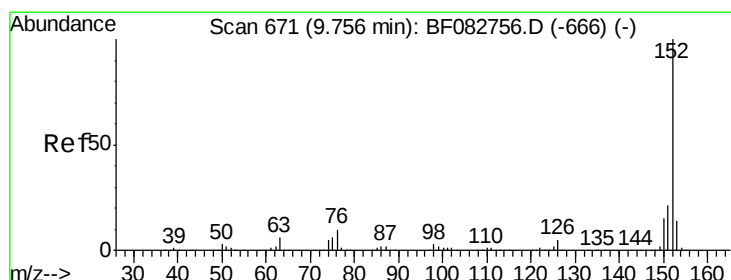
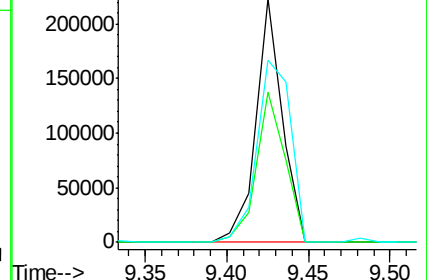
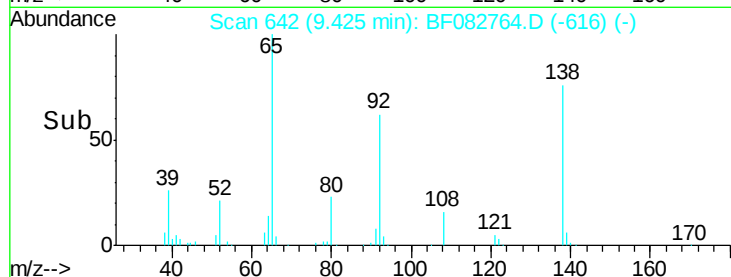
138 74.6 54.6 81.8



Abundance Ion 65.00 (64.70 to 65.70): BF082764.D (-616) (-)

Ion 92.00 (91.70 to 92.70): BF082764.D (-616) (-)

Ion 138.00 (137.70 to 138.70): BF082764.D (-616) (-)



#48

Acenaphthylene

Concen: 34.93 ng

RT: 9.76 min Scan# 671

Delta R.T. 0.00 min

Lab File: BF082764.D

Acq: 6 Nov 2015 16:34

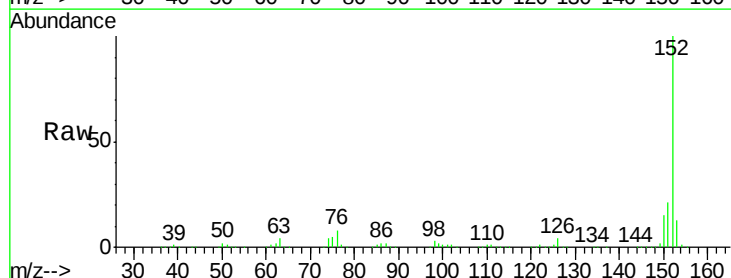
Tgt Ion: 152 Resp: 1213076

Ion Ratio Lower Upper

152 100

151 20.6 17.3 25.9

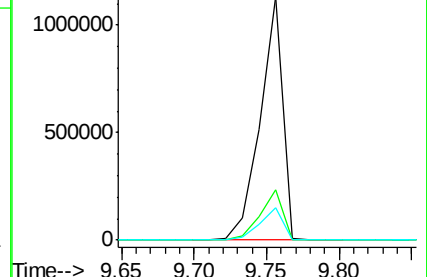
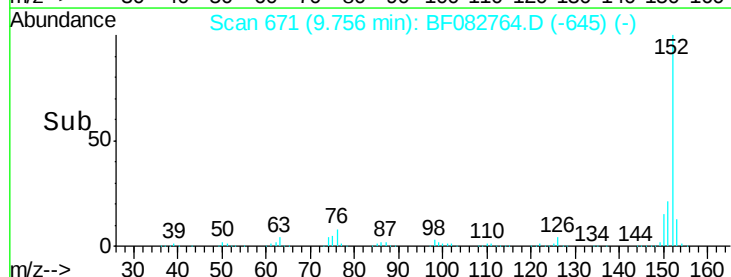
153 13.1 11.3 16.9

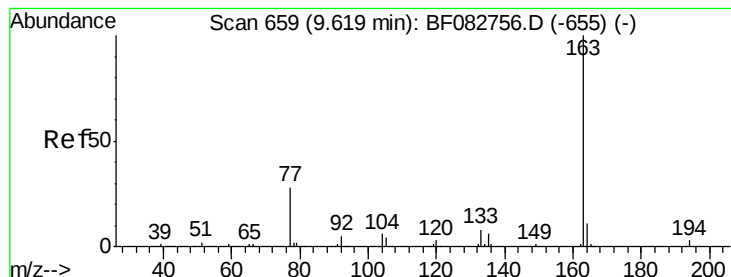


Abundance Ion 152.00 (151.70 to 152.70): BF082764.D (-645) (-)

Ion 151.00 (150.70 to 151.70): BF082764.D (-645) (-)

Ion 153.00 (152.70 to 153.70): BF082764.D (-645) (-)





#49

Dimethylphthalate

Concen: 34.12 ng

RT: 9.62 min Scan# 659

Delta R.T. 0.00 min

Lab File: BF082764.D

Acq: 6 Nov 2015 16:34

Instrument :

BNA_F

ClientSampleId :

PB86450BS

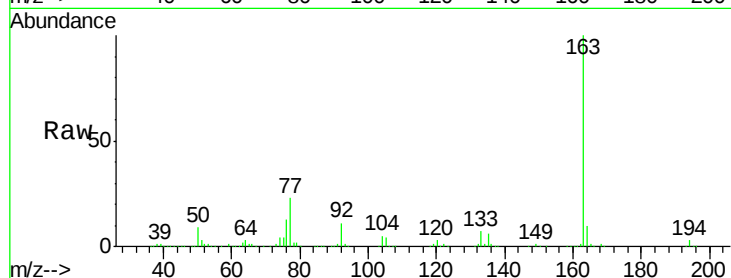
Tgt Ion:163 Resp: 925561

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

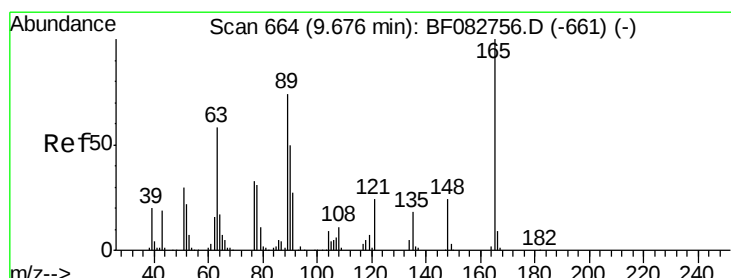
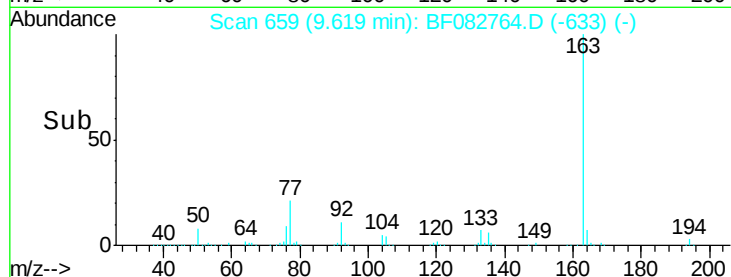
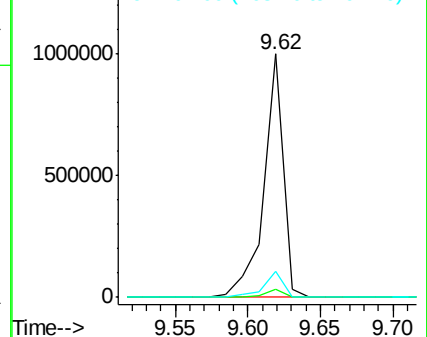
164 10.4 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 36.92 ng

RT: 9.68 min Scan# 664

Delta R.T. 0.00 min

Lab File: BF082764.D

Acq: 6 Nov 2015 16:34

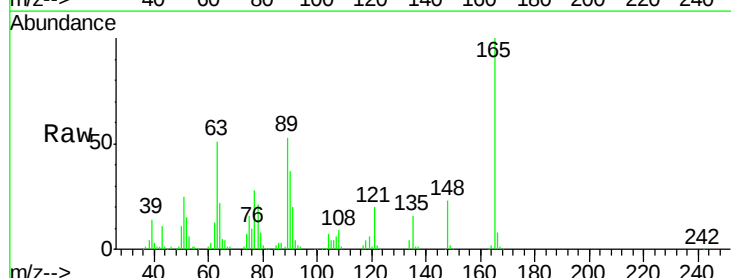
Tgt Ion:165 Resp: 213711

Ion Ratio Lower Upper

165 100

63 50.8 55.5 83.3#

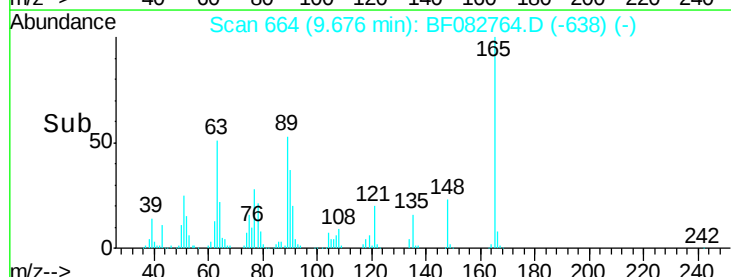
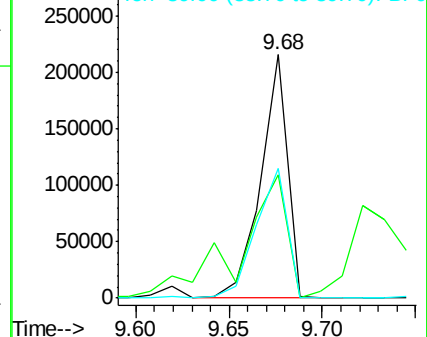
89 53.5 55.0 82.6#

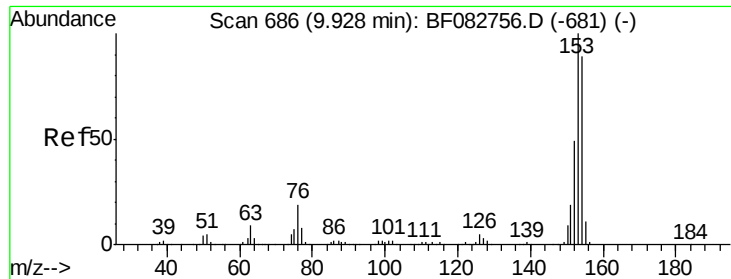


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.87 ng

RT: 9.93 min Scan# 686

Delta R.T. 0.00 min

Lab File: BF082764.D

Acq: 6 Nov 2015 16:34

Instrument :

BNA_F

ClientSampleId :

PB86450BS

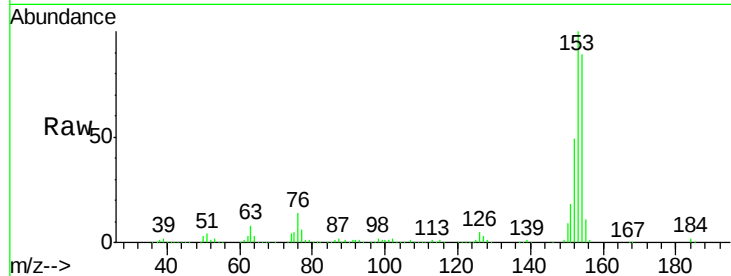
Tgt Ion:154 Resp: 899732

Ion Ratio Lower Upper

154 100

153 112.0 90.1 135.1

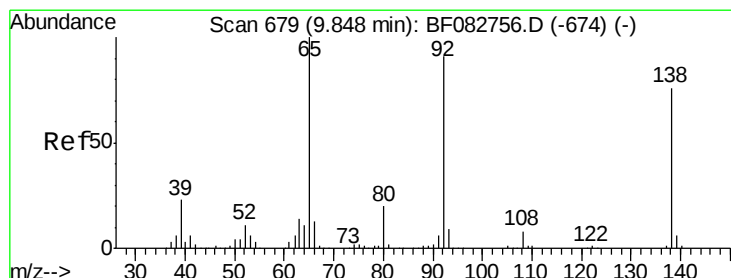
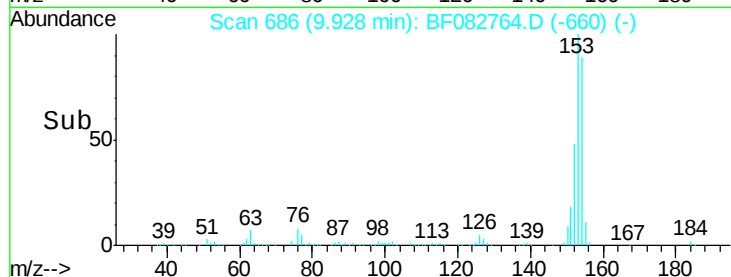
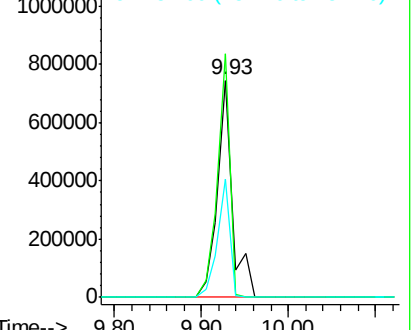
152 54.4 44.3 66.5



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: 17.36 ng

RT: 9.84 min Scan# 678

Delta R.T. 0.00 min

Lab File: BF082764.D

Acq: 6 Nov 2015 16:34

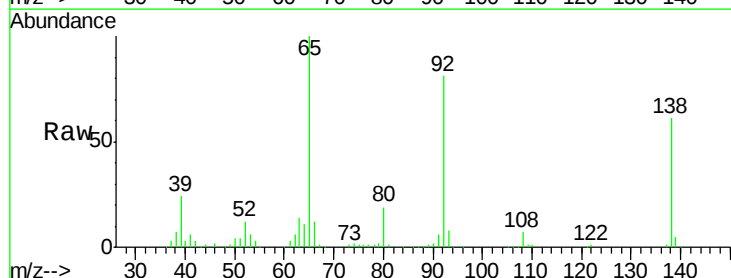
Tgt Ion:138 Resp: 110483

Ion Ratio Lower Upper

138 100

108 11.7 11.3 16.9

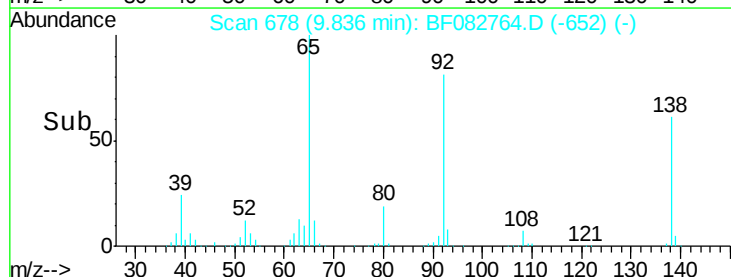
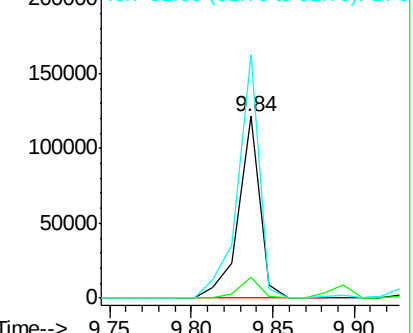
92 133.7 122.4 183.6

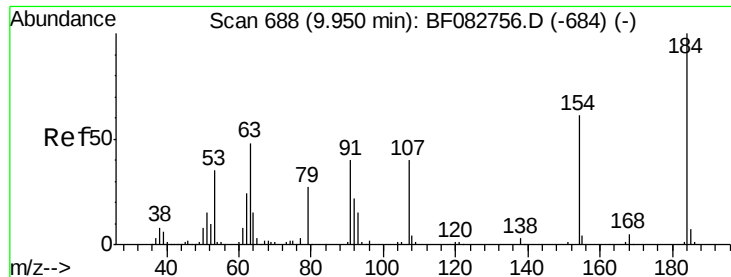


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

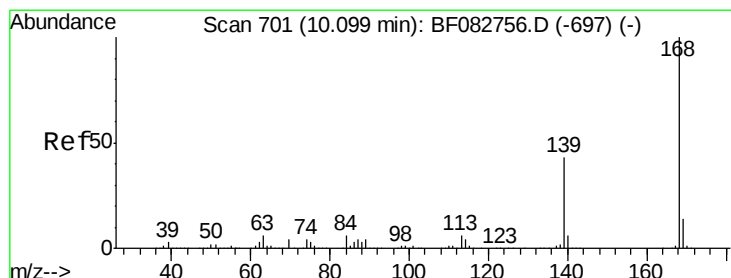
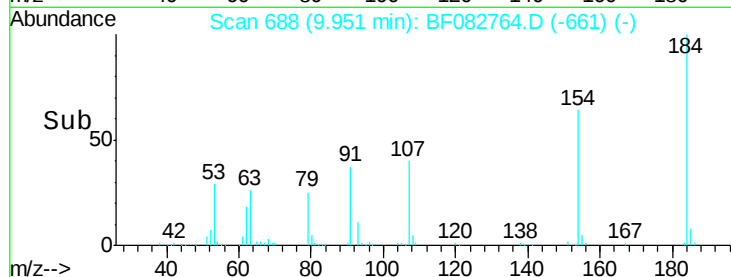
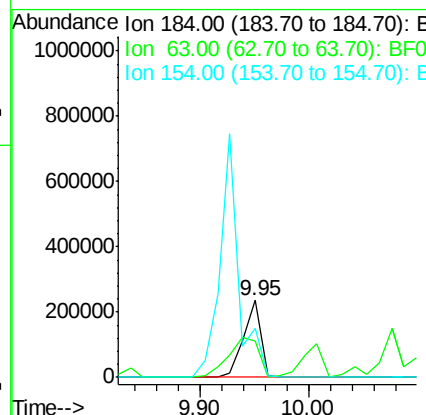
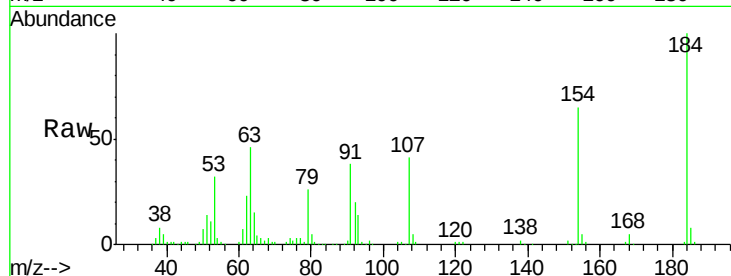




#53
 2,4-Dinitrophenol
 Concen: 80.60 ng
 RT: 9.95 min Scan# 688
 Delta R.T. 0.01 min
 Lab File: BF082764.D
 Acq: 6 Nov 2015 16:34

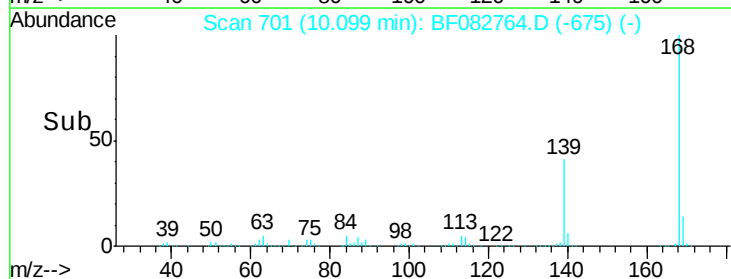
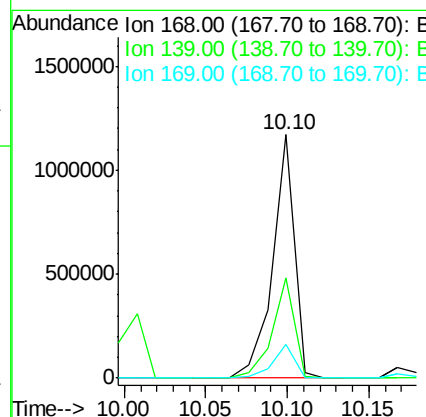
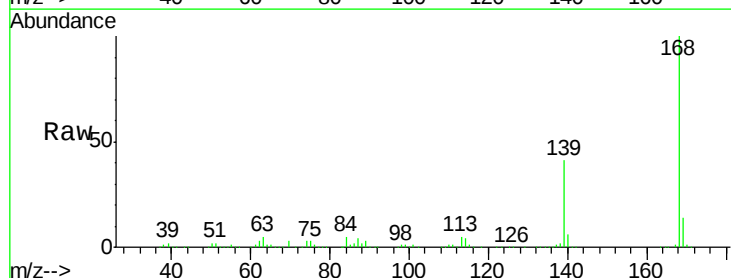
Instrument :
 BNA_F
 ClientSampleId :
 PB86450BS

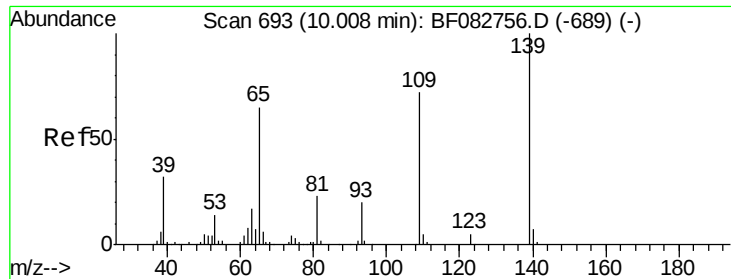
Tgt Ion:184 Resp: 256128
 Ion Ratio Lower Upper
 184 100
 63 46.3 98.6 148.0#
 154 64.6 183.9 275.9#



#54
 Dibenzofuran
 Concen: 36.74 ng
 RT: 10.10 min Scan# 701
 Delta R.T. 0.00 min
 Lab File: BF082764.D
 Acq: 6 Nov 2015 16:34

Tgt Ion:168 Resp: 1090294
 Ion Ratio Lower Upper
 168 100
 139 41.3 37.8 56.6
 169 13.7 11.3 16.9

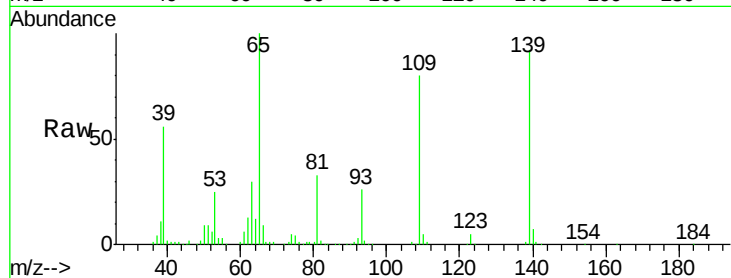




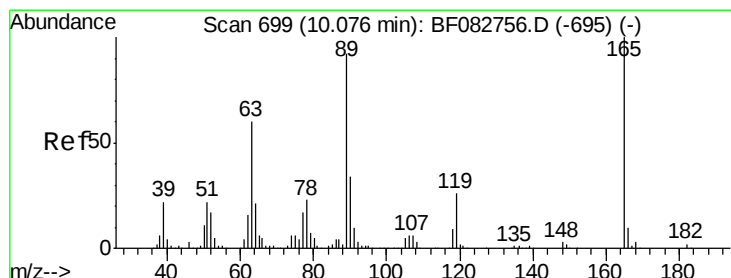
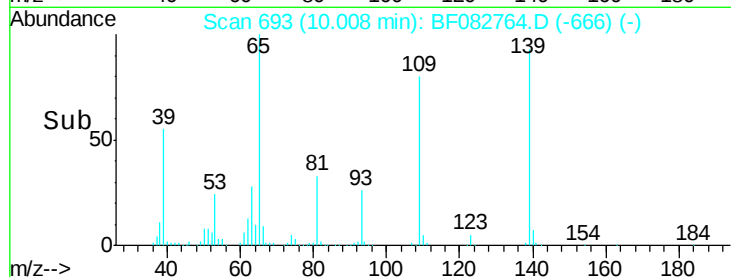
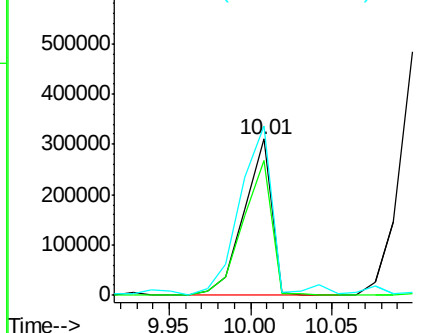
#55
4-Nitrophenol
Concen: 75.13 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.01 min
Lab File: BF082764.D
Acq: 6 Nov 2015 16:34

Instrument :
BNA_F
ClientSampleId :
PB86450BS

Tgt Ion:139 Resp: 366900
Ion Ratio Lower Upper
139 100
109 86.1 73.7 113.7
65 108.3 82.9 122.9

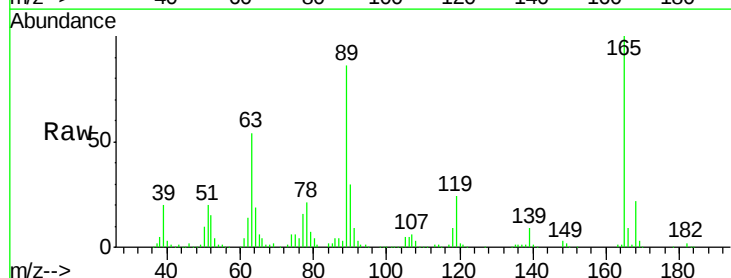


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

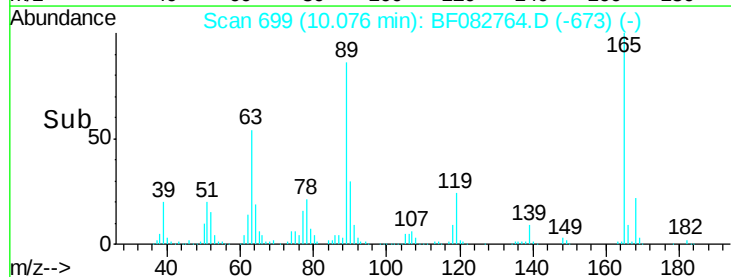
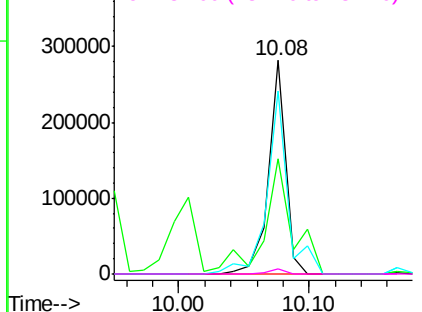


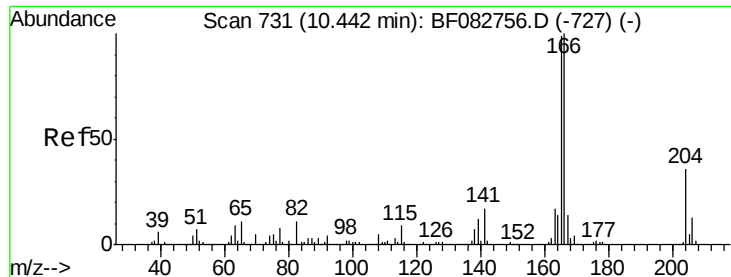
#56
2,4-Dinitrotoluene
Concen: 33.05 ng
RT: 10.08 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF082764.D
Acq: 6 Nov 2015 16:34

Tgt Ion:165 Resp: 259556
Ion Ratio Lower Upper
165 100
63 53.9 43.4 65.0
89 85.7 70.6 106.0
182 2.2 1.5 2.3



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

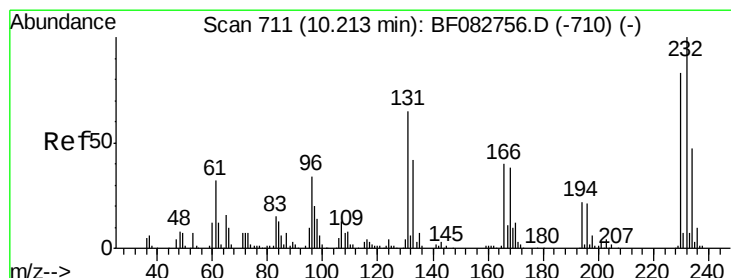
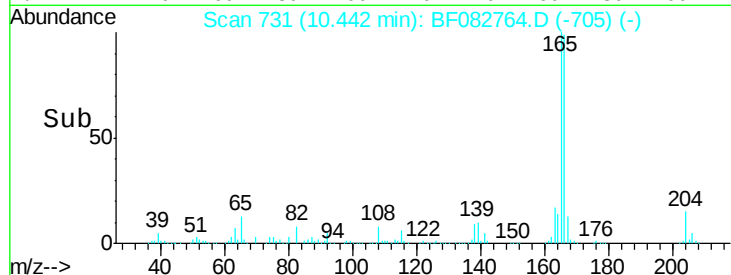
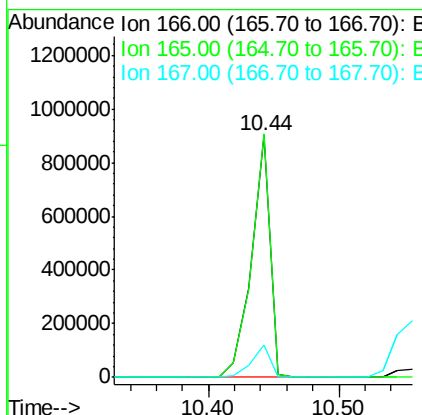
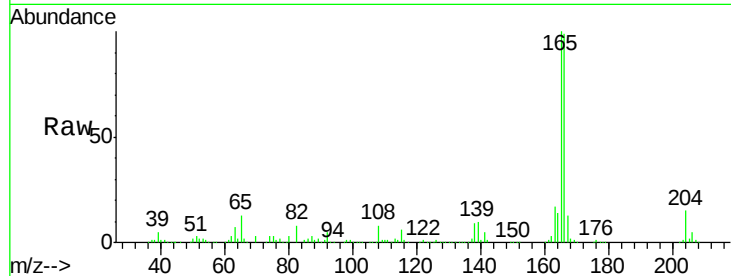




#57
Fluorene
 Concen: 37.15 ng
 RT: 10.44 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: BF082764.D
 Acq: 6 Nov 2015 16:34

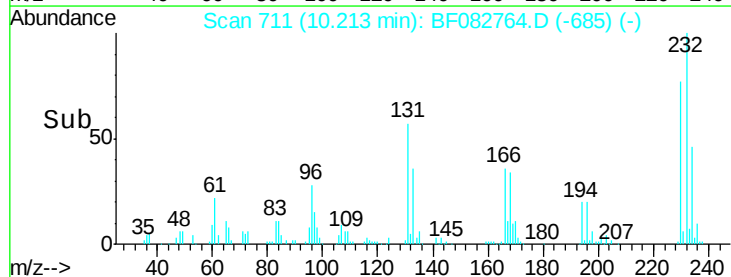
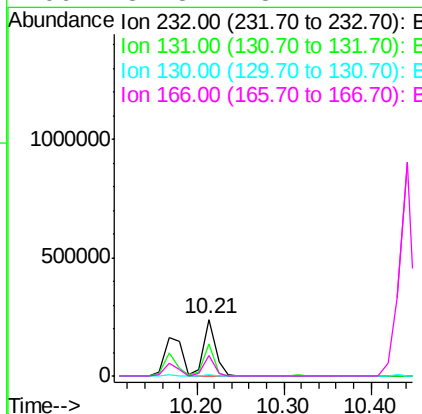
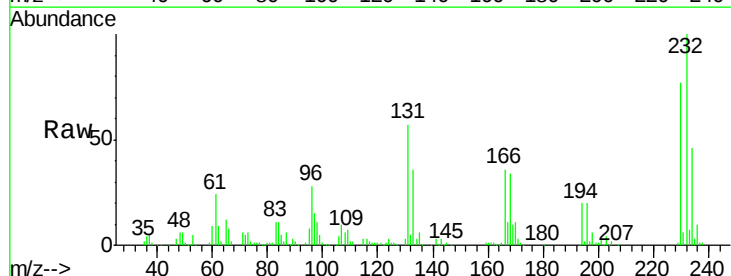
Instrument :
 BNA_F
 ClientSampleId :
 PB86450BS

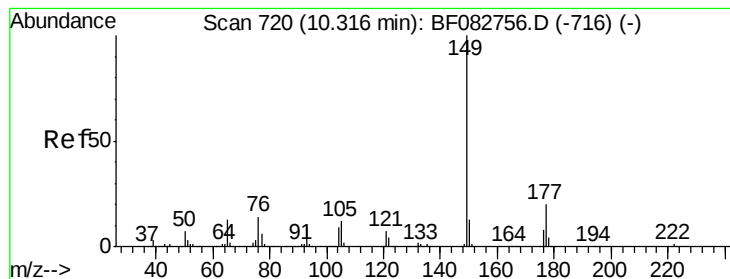
Tgt Ion:166 Resp: 892810
 Ion Ratio Lower Upper
 166 100
 165 100.6 80.2 120.4
 167 13.3 11.2 16.8



#58
2,3,4,6-Tetrachlorophenol
 Concen: 35.10 ng
 RT: 10.21 min Scan# 711
 Delta R.T. 0.00 min
 Lab File: BF082764.D
 Acq: 6 Nov 2015 16:34

Tgt Ion:232 Resp: 230074
 Ion Ratio Lower Upper
 232 100
 131 50.3 46.2 69.2
 130 2.5 2.4 3.6
 166 32.8 28.2 42.2





#59

Diethylphthalate

Concen: 32.68 ng

RT: 10.32 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF082764.D

Acq: 6 Nov 2015 16:34

Instrument :

BNA_F

ClientSampled :

PB86450BS

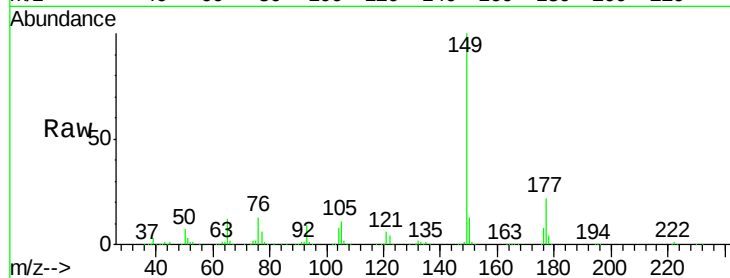
Tgt Ion:149 Resp: 865473

Ion Ratio Lower Upper

149 100

177 21.8 17.9 26.9

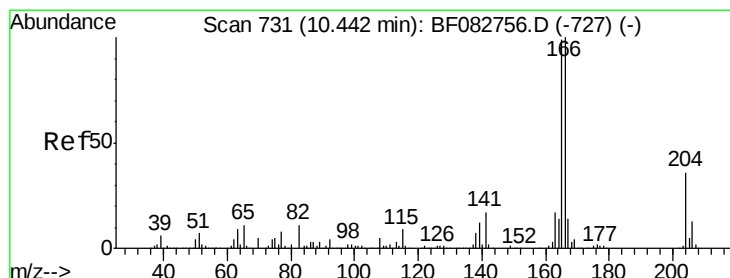
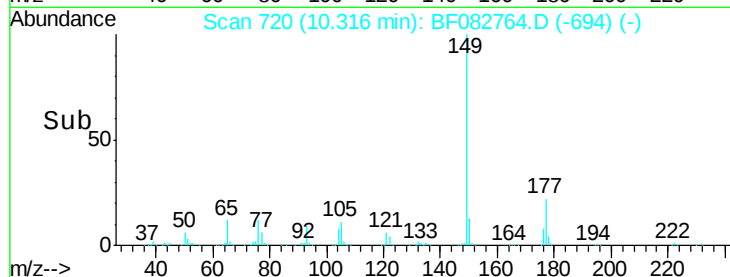
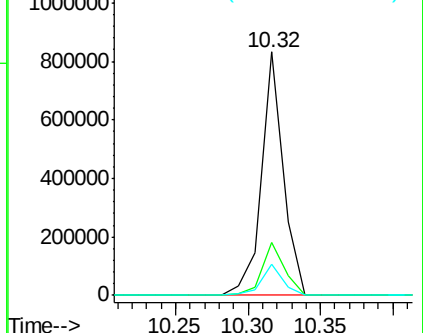
150 12.7 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 31.42 ng

RT: 10.43 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF082764.D

Acq: 6 Nov 2015 16:34

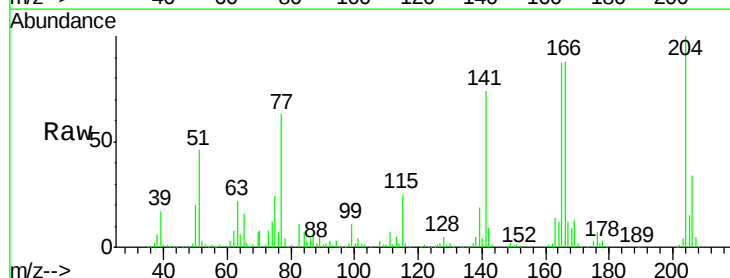
Tgt Ion:204 Resp: 377826

Ion Ratio Lower Upper

204 100

206 34.1 28.5 42.7

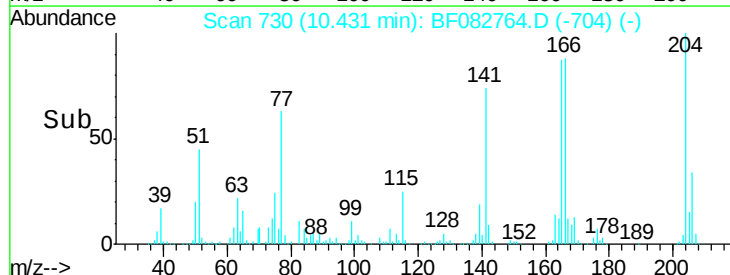
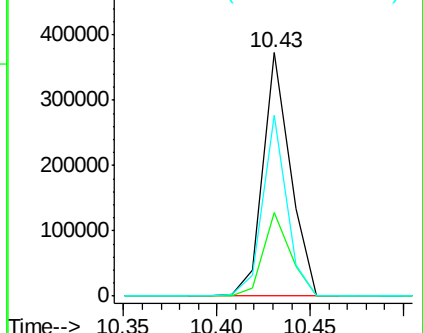
141 74.3 44.6 66.8#

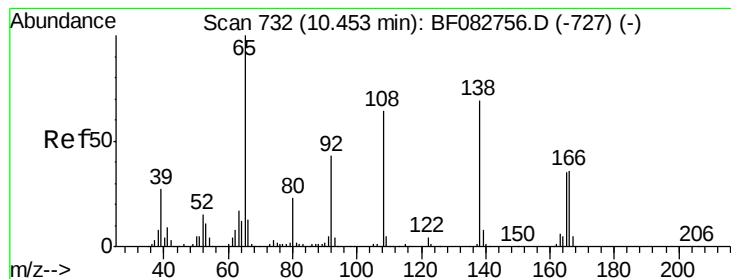


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 31.83 ng

RT: 10.45 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF082764.D

Acq: 6 Nov 2015 16:34

Instrument :

BNA_F

ClientSampleId :

PB86450BS

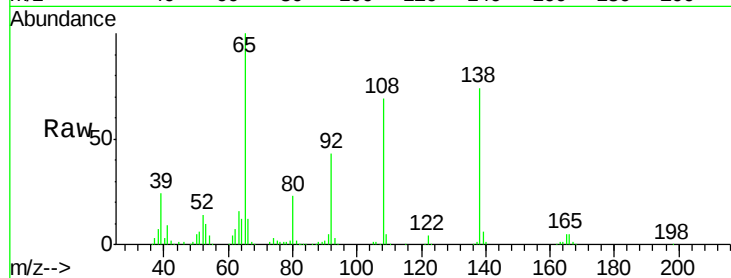
Tgt Ion:138 Resp: 203750

Ion Ratio Lower Upper

138 100

92 57.8 45.8 85.8

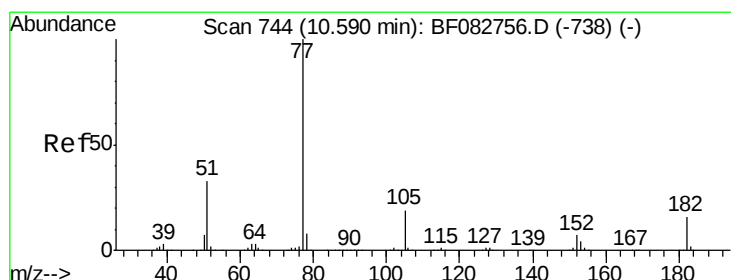
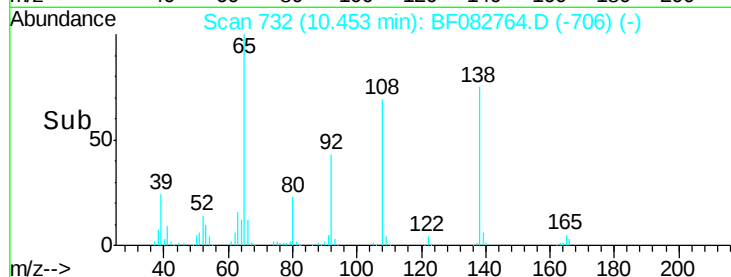
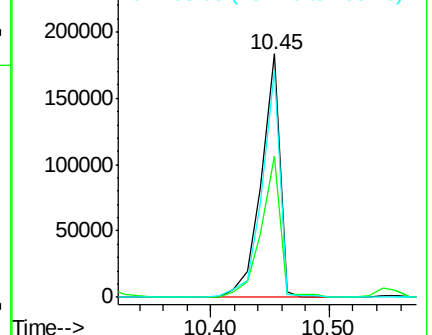
108 93.1 89.4 129.4



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: 34.75 ng

RT: 10.59 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF082764.D

Acq: 6 Nov 2015 16:34

Tgt Ion: 77 Resp: 988661

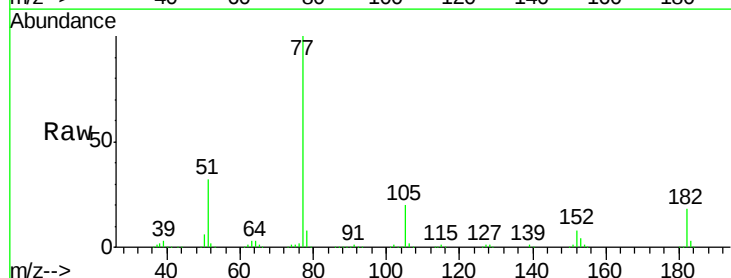
Ion Ratio Lower Upper

77 100

182 17.7 9.3 49.3

105 20.4 2.6 42.6

51 31.6 9.9 49.9

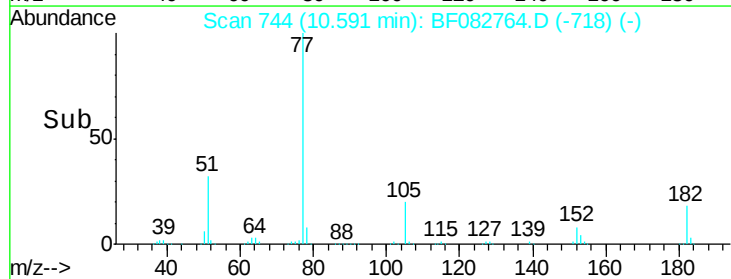
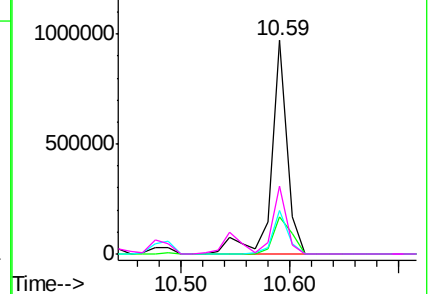


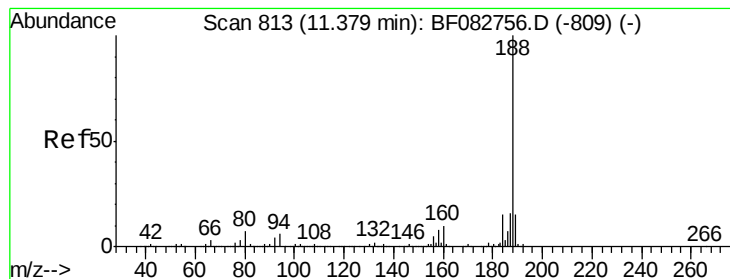
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF082764.D

Acq: 6 Nov 2015 16:34

Instrument :

BNA_F

ClientSampleId :

PB86450BS

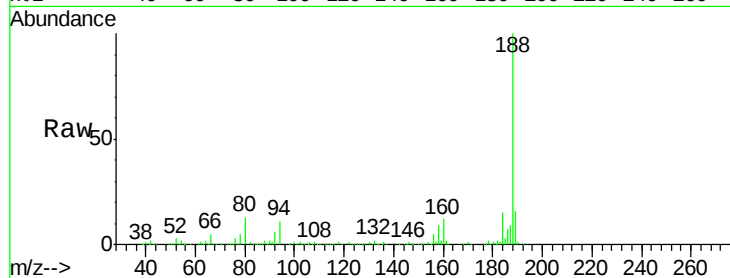
Tgt Ion:188 Resp: 625026

Ion Ratio Lower Upper

188 100

94 11.2 6.1 9.1#

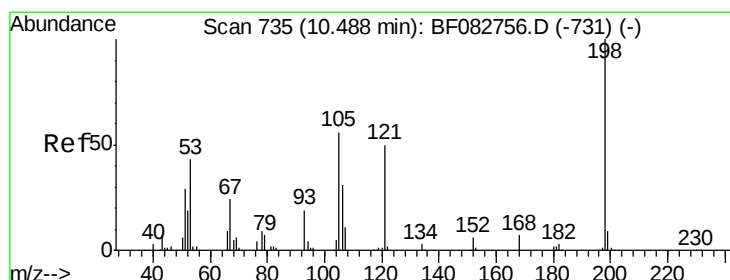
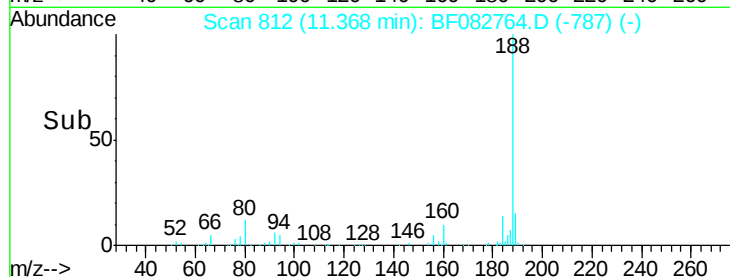
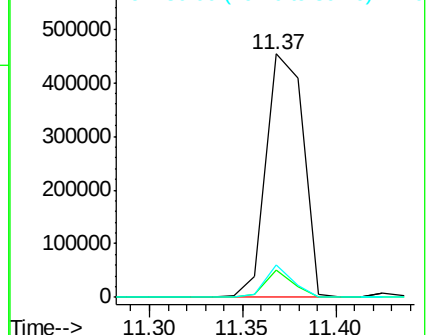
80 13.2 7.0 10.6#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 36.03 ng

RT: 10.49 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF082764.D

Acq: 6 Nov 2015 16:34

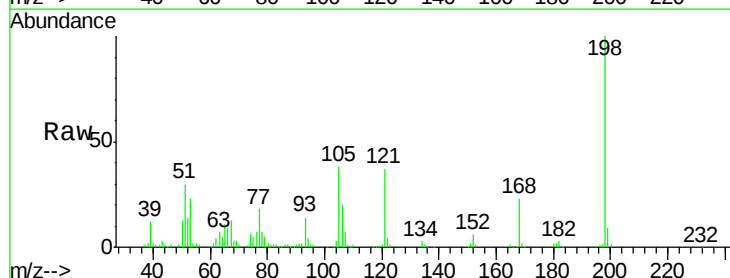
Tgt Ion:198 Resp: 160455

Ion Ratio Lower Upper

198 100

51 30.4 17.3 57.3

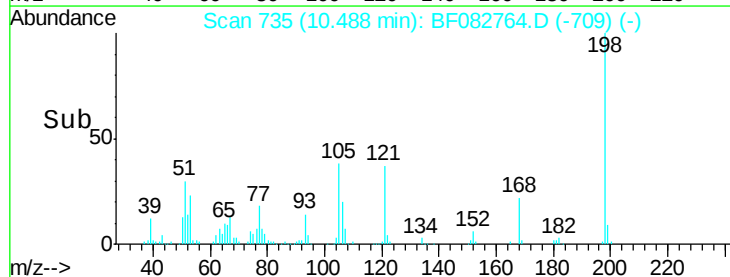
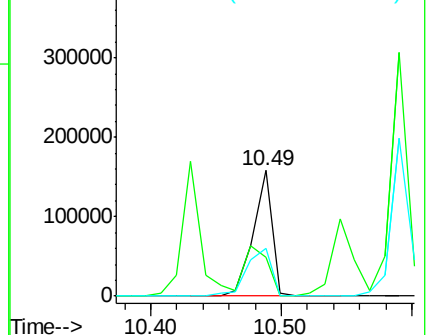
105 38.4 21.7 61.7

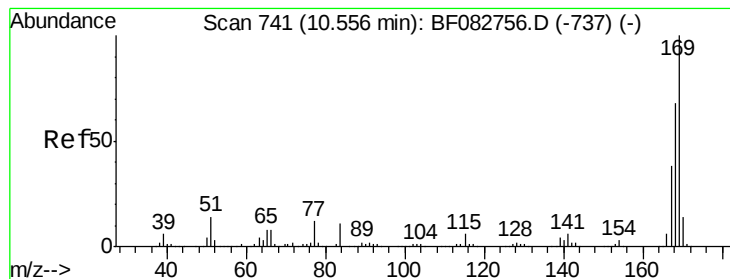


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

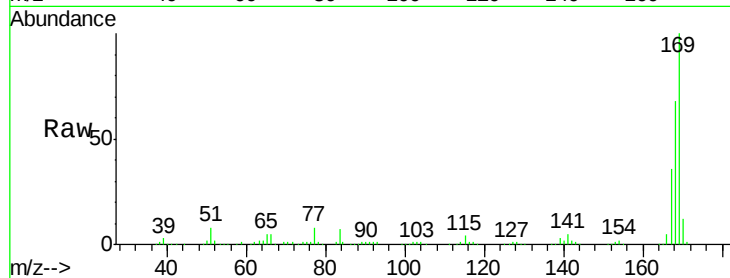




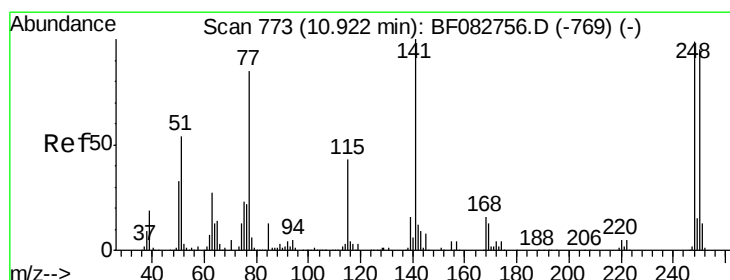
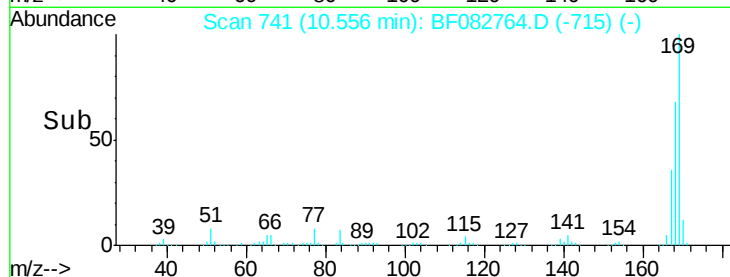
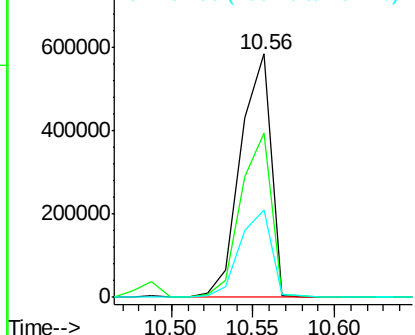
#65
 n-Nitrosodiphenylamine
 Concen: 33.11 ng
 RT: 10.56 min Scan# 741
 Delta R.T. 0.00 min
 Lab File: BF082764.D
 Acq: 6 Nov 2015 16:34

Instrument :
 BNA_F
 ClientSampleId :
 PB86450BS

Tgt Ion:169 Resp: 747686
 Ion Ratio Lower Upper
 169 100
 168 67.5 55.0 82.6
 167 36.1 30.5 45.7

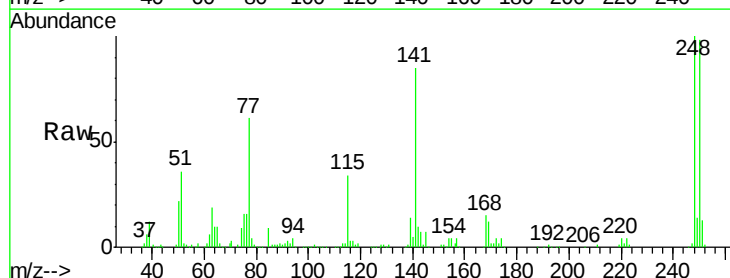


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

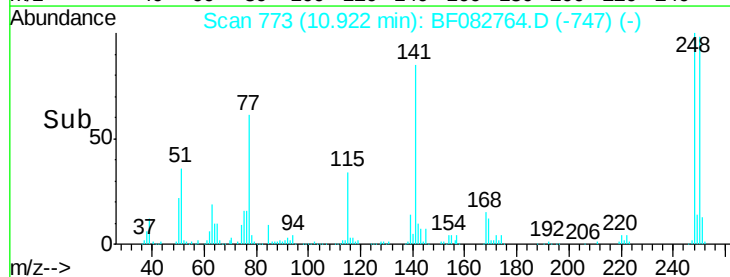
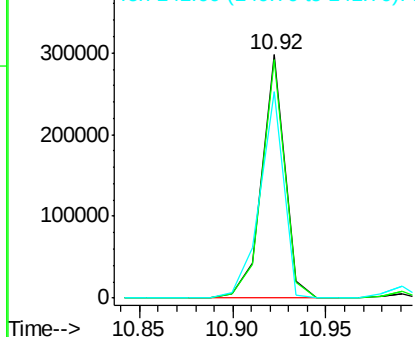


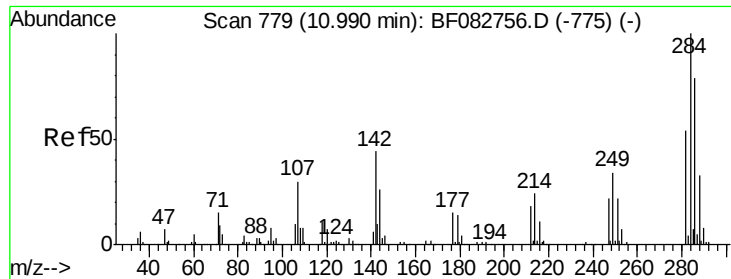
#66
 4-Bromophenyl-phenylether
 Concen: 33.39 ng
 RT: 10.92 min Scan# 773
 Delta R.T. 0.00 min
 Lab File: BF082764.D
 Acq: 6 Nov 2015 16:34

Tgt Ion:248 Resp: 251273
 Ion Ratio Lower Upper
 248 100
 250 98.0 79.4 119.2
 141 84.7 36.3 54.5#



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

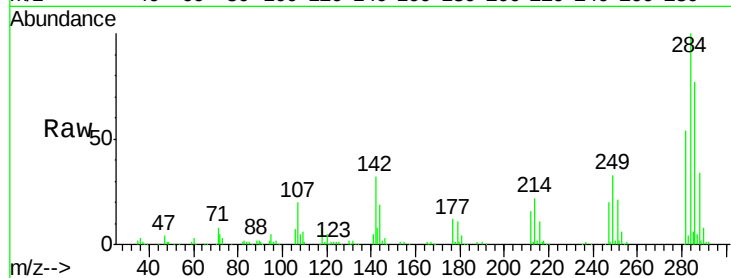




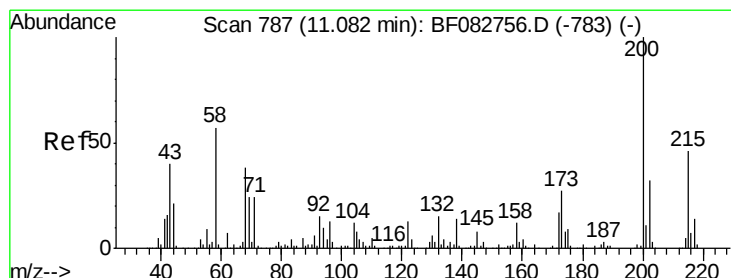
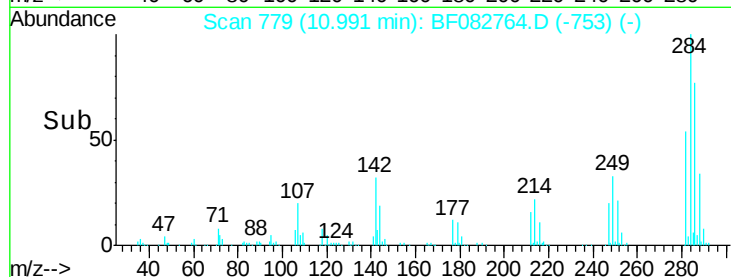
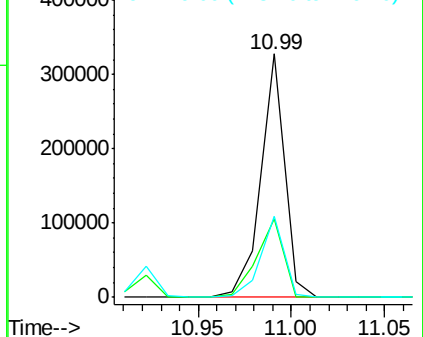
#67
Hexachlorobenzene
Concen: 34.16 ng
RT: 10.99 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF082764.D
Acq: 6 Nov 2015 16:34

Instrument :
BNA_F
ClientSampleId :
PB86450BS

Tgt Ion: 284 Resp: 287087
Ion Ratio Lower Upper
284 100
142 32.5 47.9 71.9#
249 33.1 29.7 44.5

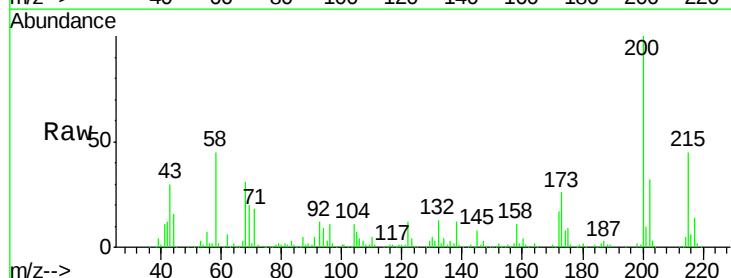


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

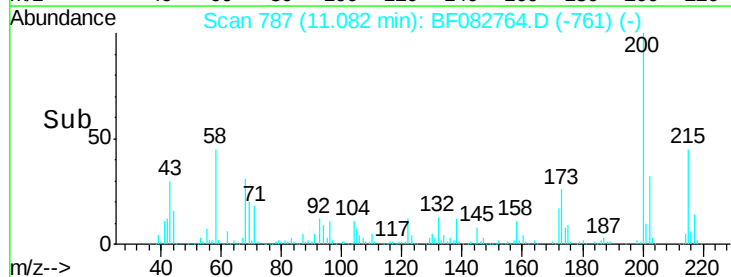
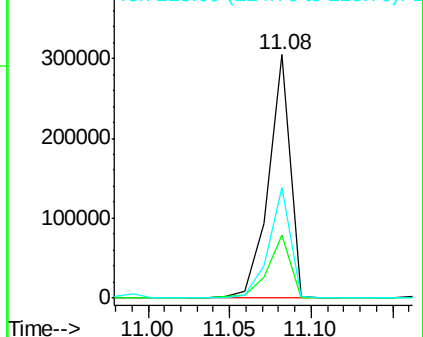


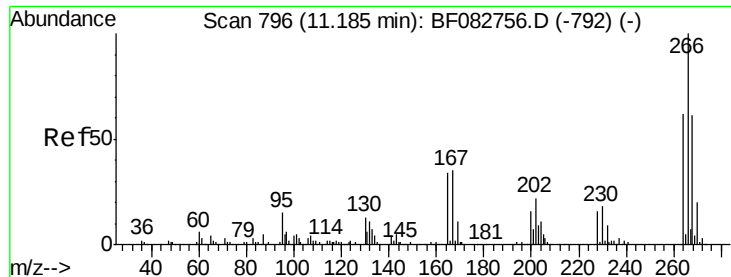
#68
Atrazine
Concen: 40.47 ng
RT: 11.08 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF082764.D
Acq: 6 Nov 2015 16:34

Tgt Ion: 200 Resp: 282598
Ion Ratio Lower Upper
200 100
173 26.1 6.9 46.9
215 45.4 22.9 62.9



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

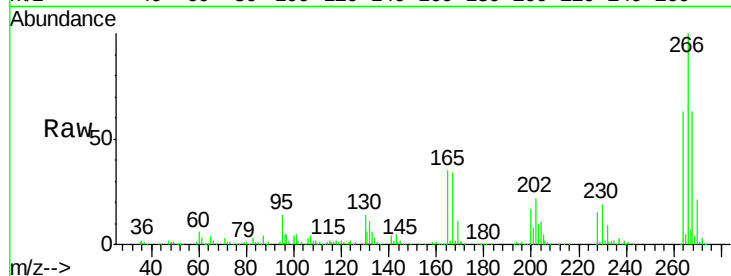




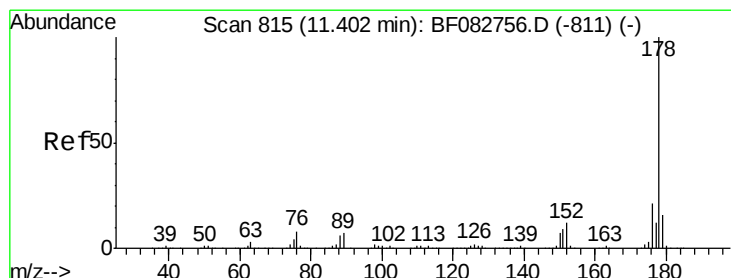
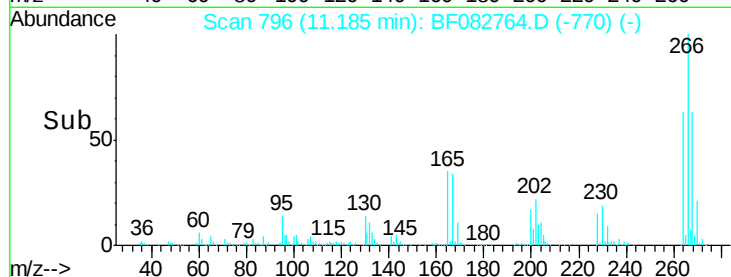
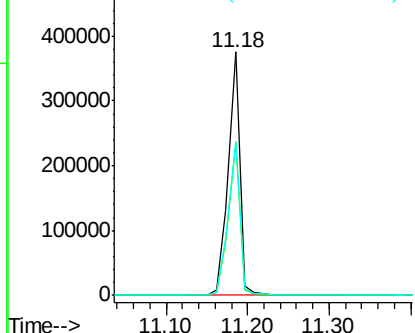
#69
 Pentachlorophenol
 Concen: 73.11 ng
 RT: 11.18 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF082764.D
 Acq: 6 Nov 2015 16:34

Instrument :
 BNA_F
 ClientSampleId :
 PB86450BS

Tgt Ion: 266 Resp: 373070
 Ion Ratio Lower Upper
 266 100
 268 62.8 51.0 76.6
 264 63.1 50.6 75.8

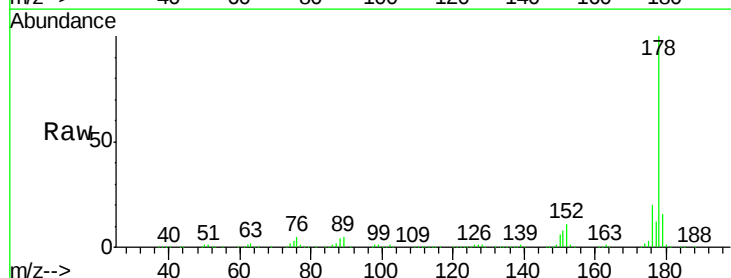


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

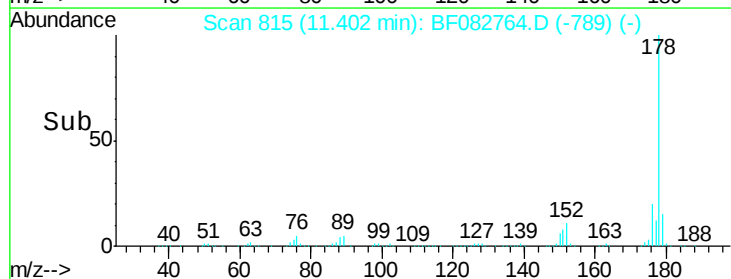
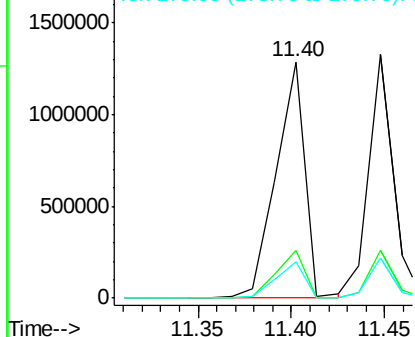


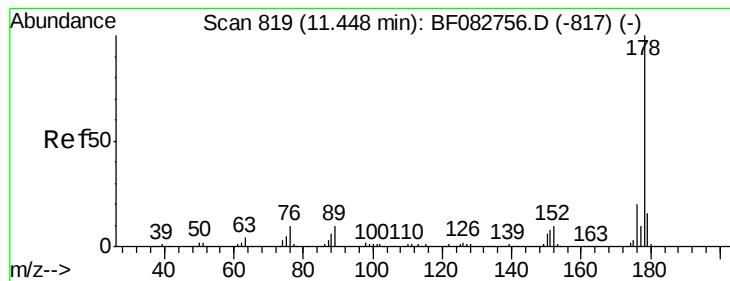
#70
 Phenanthrene
 Concen: 37.85 ng
 RT: 11.40 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF082764.D
 Acq: 6 Nov 2015 16:34

Tgt Ion: 178 Resp: 1373915
 Ion Ratio Lower Upper
 178 100
 176 20.4 17.0 25.4
 179 15.5 13.4 20.0



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: 31.22 ng

RT: 11.45 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF082764.D

Acq: 6 Nov 2015 16:34

Instrument :

BNA_F

ClientSampleId :

PB86450BS

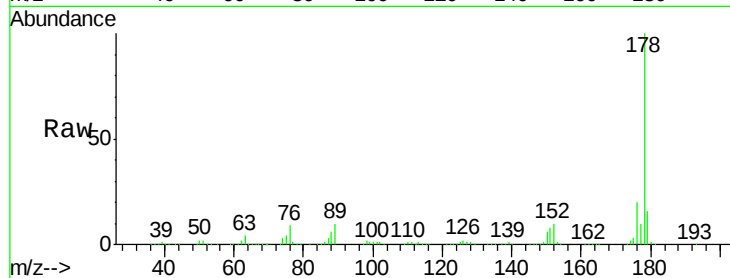
Tgt Ion:178 Resp: 1193554

Ion Ratio Lower Upper

178 100

176 19.9 16.5 24.7

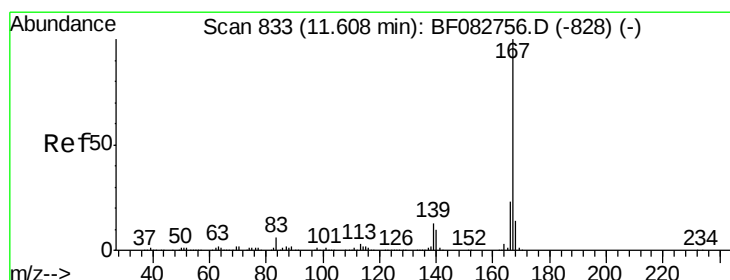
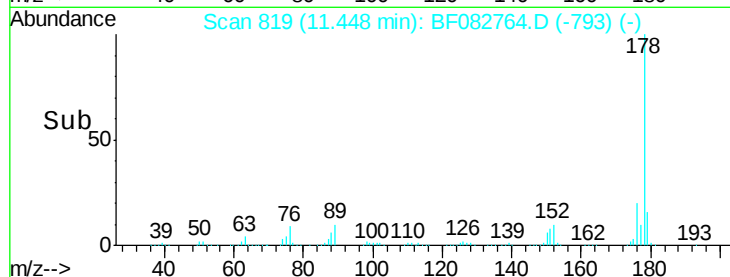
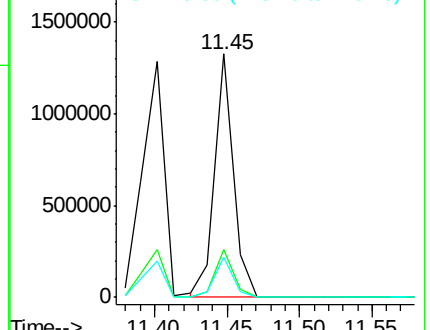
179 16.4 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 34.80 ng

RT: 11.60 min Scan# 832

Delta R.T. -0.01 min

Lab File: BF082764.D

Acq: 6 Nov 2015 16:34

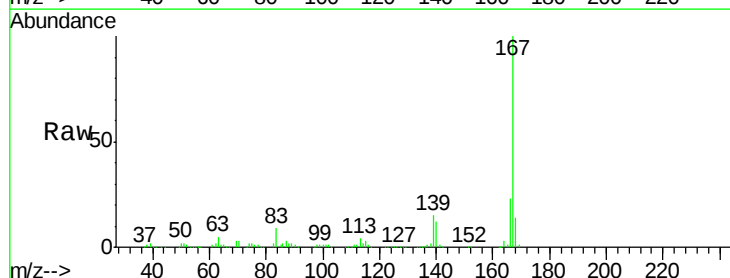
Tgt Ion:167 Resp: 1164743

Ion Ratio Lower Upper

167 100

166 22.5 18.7 28.1

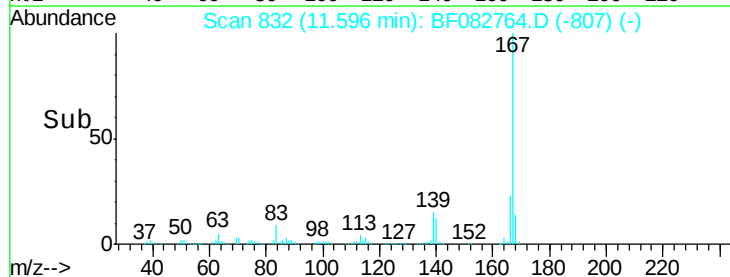
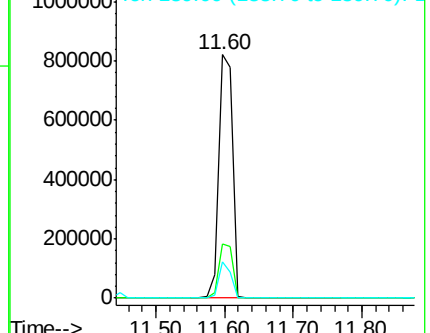
139 14.7 11.8 17.6

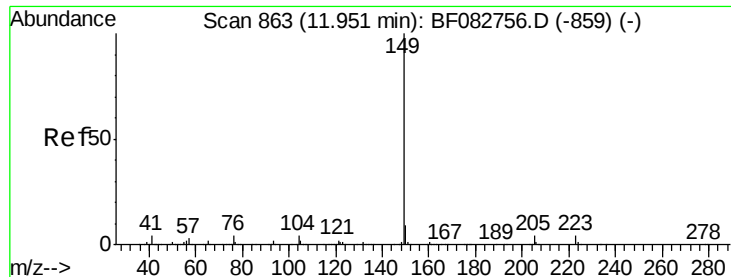


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 31.93 ng

RT: 11.94 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF082764.D

Acq: 6 Nov 2015 16:34

Instrument :

BNA_F

ClientSampleId :

PB86450BS

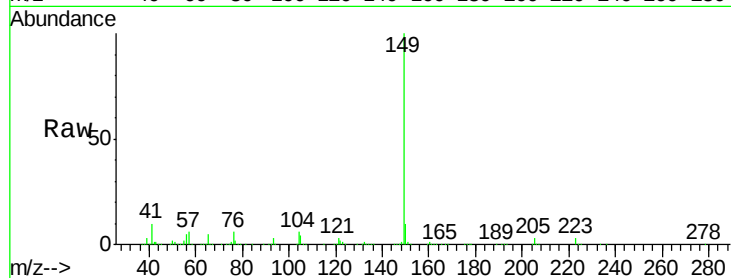
Tgt Ion:149 Resp: 1331360

Ion Ratio Lower Upper

149 100

150 9.7 8.1 12.1

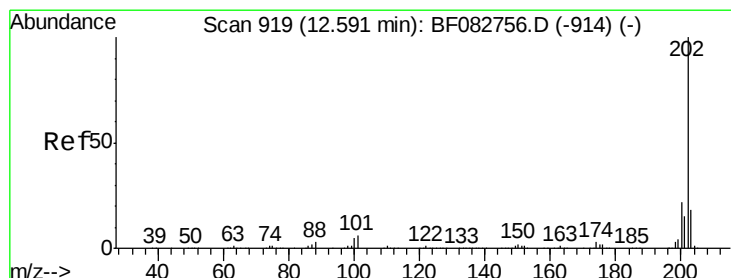
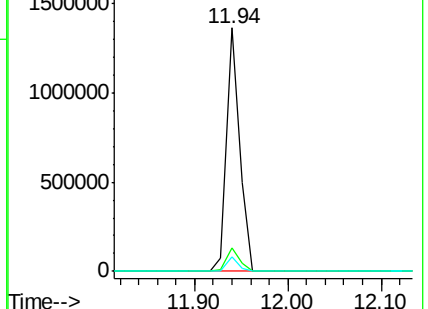
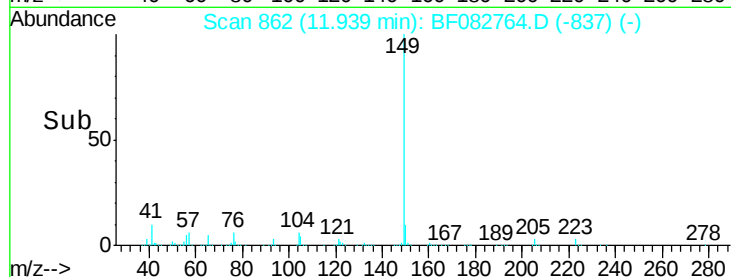
104 6.1 5.2 7.8



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: 32.18 ng

RT: 12.58 min Scan# 918

Delta R.T. -0.01 min

Lab File: BF082764.D

Acq: 6 Nov 2015 16:34

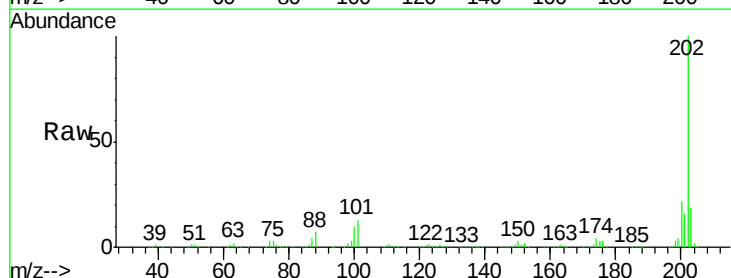
Tgt Ion:202 Resp: 1253526

Ion Ratio Lower Upper

202 100

101 12.7 0.0 30.5

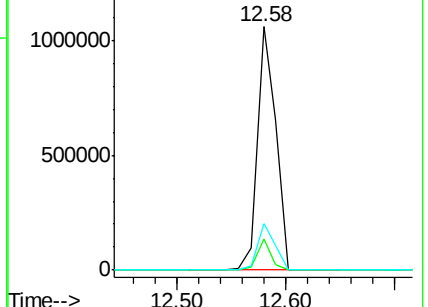
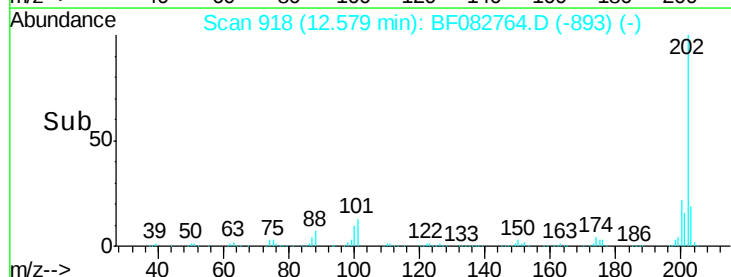
203 18.9 0.0 38.5

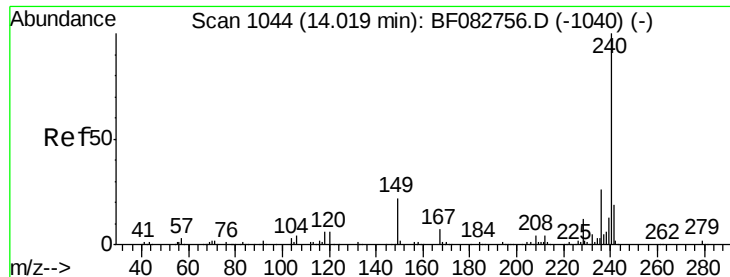


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BF082764.D

Acq: 6 Nov 2015 16:34

Instrument :

BNA_F

ClientSampled :

PB86450BS

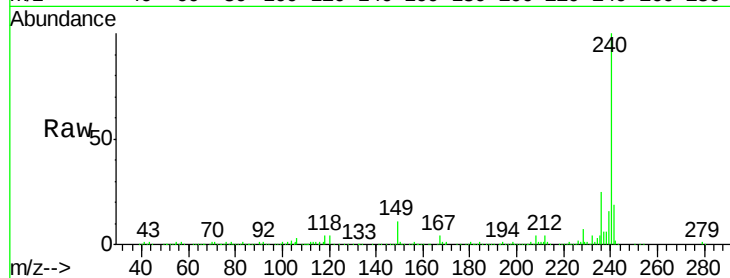
Tgt Ion:240 Resp: 553188

Ion Ratio Lower Upper

240 100

120 4.2 10.9 16.3#

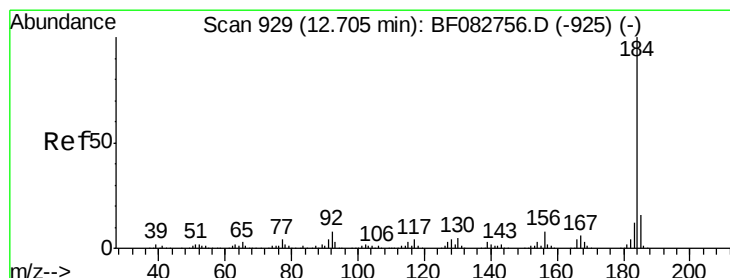
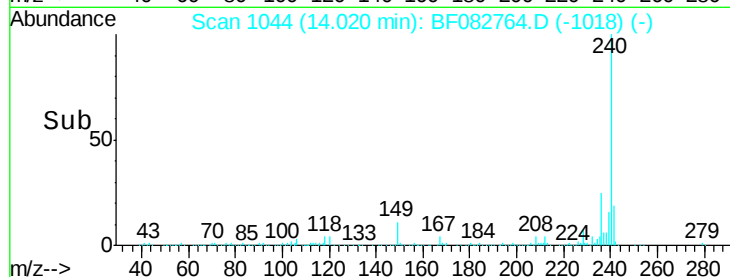
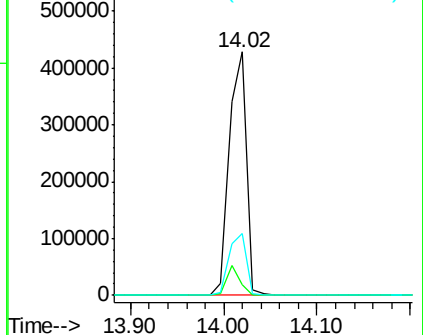
236 25.5 21.6 32.4



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: 24.20 ng

RT: 12.71 min Scan# 929

Delta R.T. 0.00 min

Lab File: BF082764.D

Acq: 6 Nov 2015 16:34

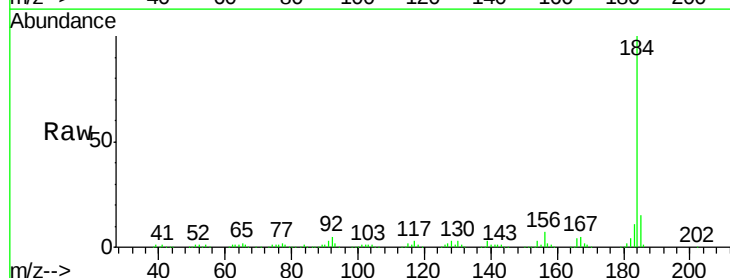
Tgt Ion:184 Resp: 448571

Ion Ratio Lower Upper

184 100

185 14.5 12.0 18.0

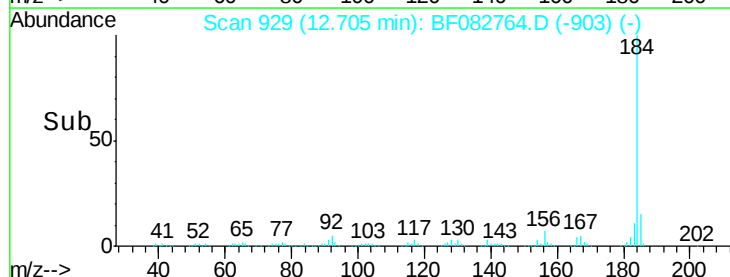
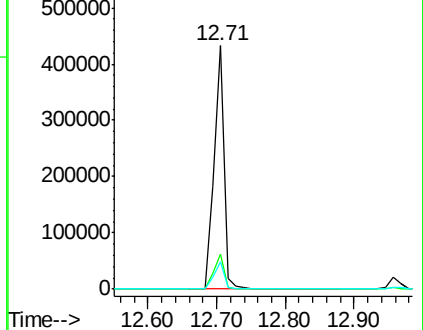
183 11.2 9.6 14.4

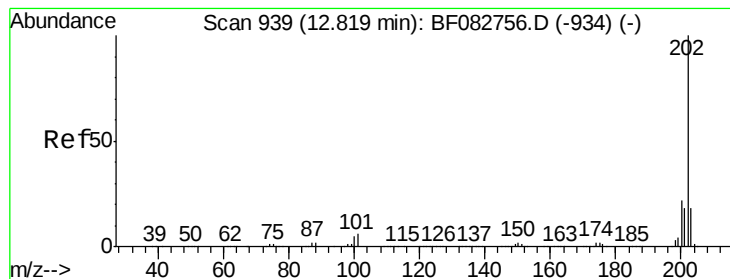


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 35.02 ng

RT: 12.81 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF082764.D

Acq: 6 Nov 2015 16:34

Instrument :

BNA_F

ClientSampleId :

PB86450BS

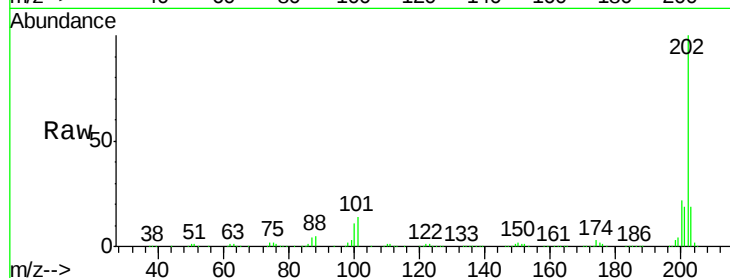
Tgt Ion:202 Resp: 1330536

Ion Ratio Lower Upper

202 100

200 22.1 18.7 28.1

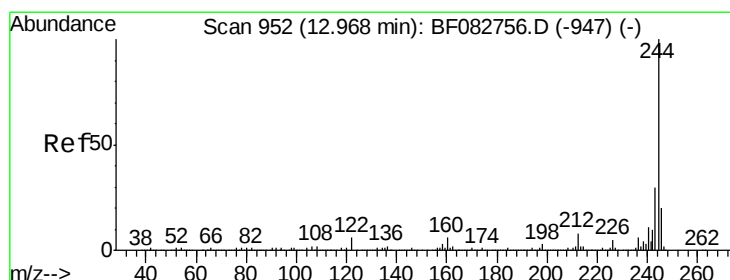
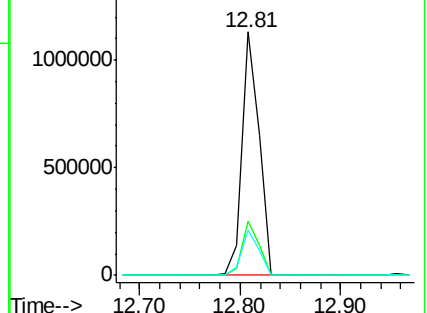
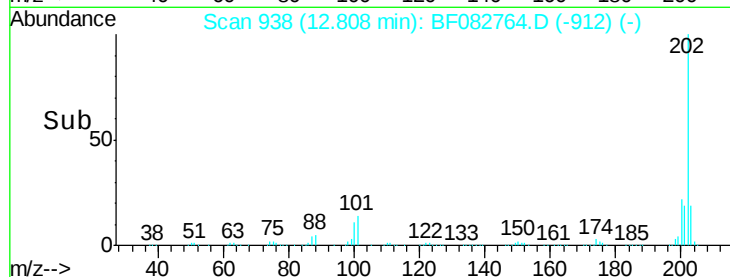
203 18.7 14.8 22.2



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: 71.86 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF082764.D

Acq: 6 Nov 2015 16:34

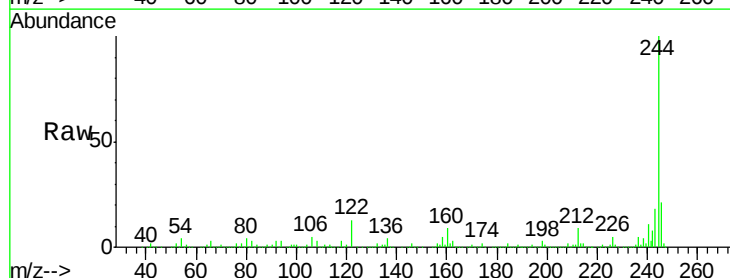
Tgt Ion:244 Resp: 1676124

Ion Ratio Lower Upper

244 100

212 8.6 7.6 11.4

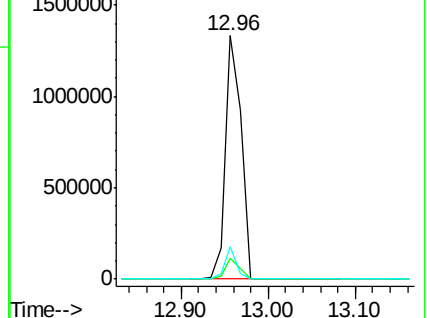
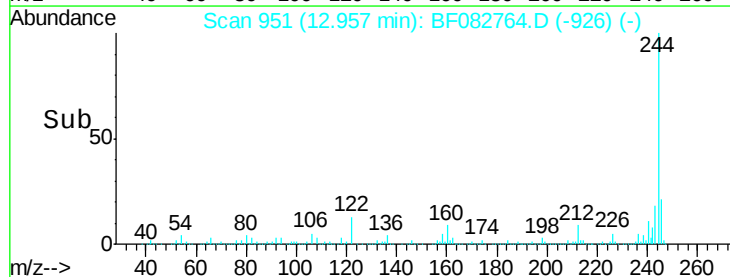
122 13.5 11.3 16.9

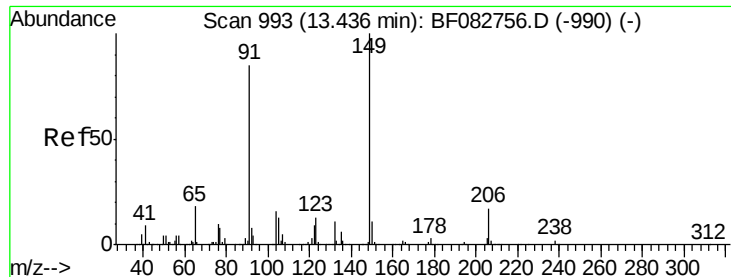


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

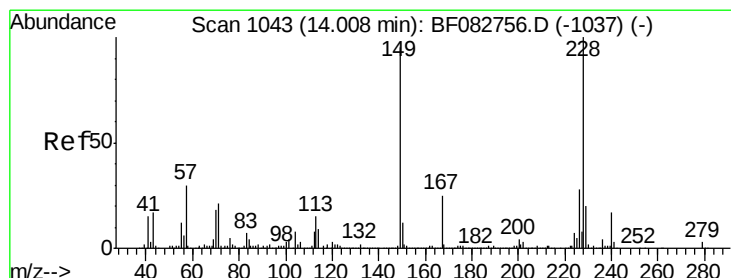
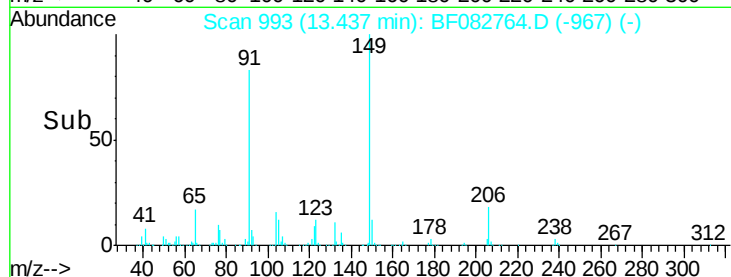
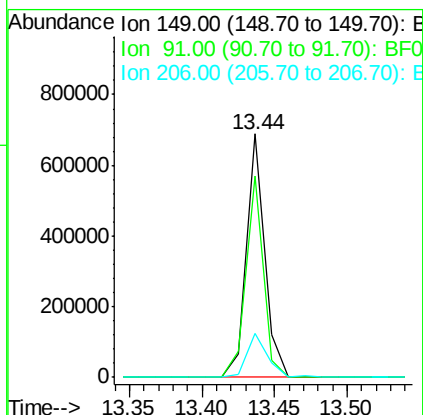
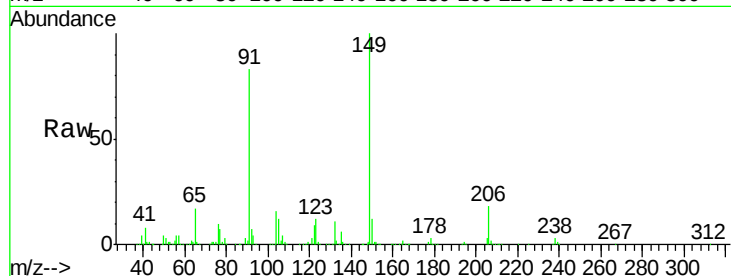




#79
Butylbenzylphthalate
Concen: 35.86 ng
RT: 13.44 min Scan# 993
Delta R.T. 0.00 min
Lab File: BF082764.D
Acq: 6 Nov 2015 16:34

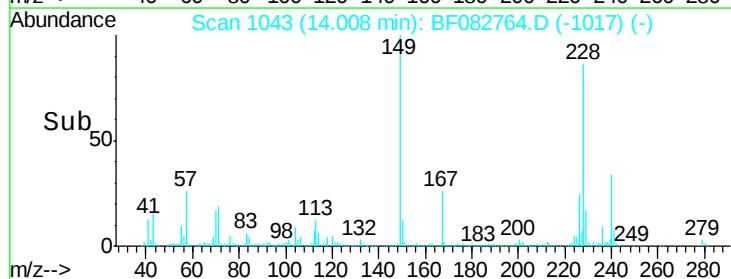
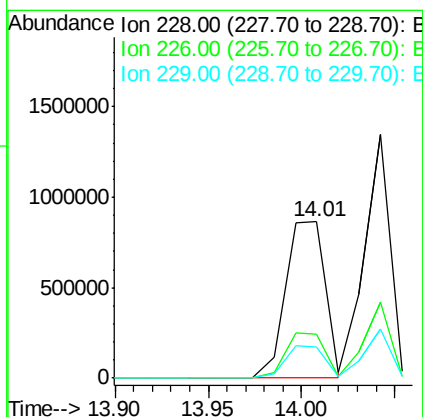
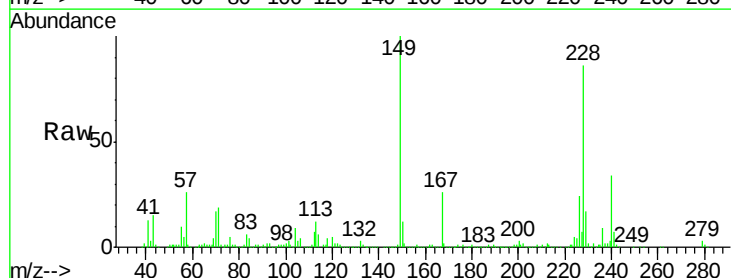
Instrument :
BNA_F
ClientSampleId :
PB86450BS

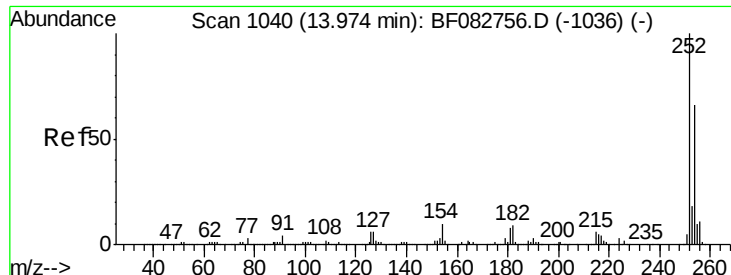
Tgt Ion:149 Resp: 601789
Ion Ratio Lower Upper
149 100
91 82.6 67.7 101.5
206 17.9 14.6 22.0



#80
Benzo(a)anthracene
Concen: 37.19 ng
RT: 14.01 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BF082764.D
Acq: 6 Nov 2015 16:34

Tgt Ion:228 Resp: 1286406
Ion Ratio Lower Upper
228 100
226 27.8 23.4 35.2
229 19.8 16.3 24.5

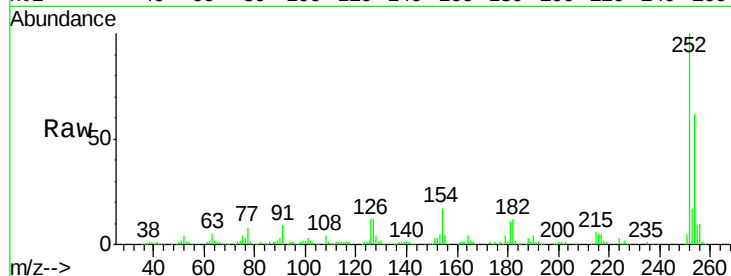




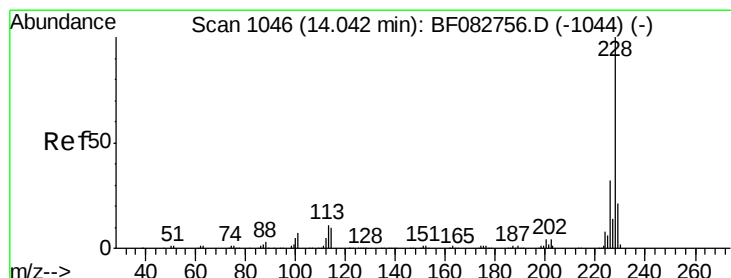
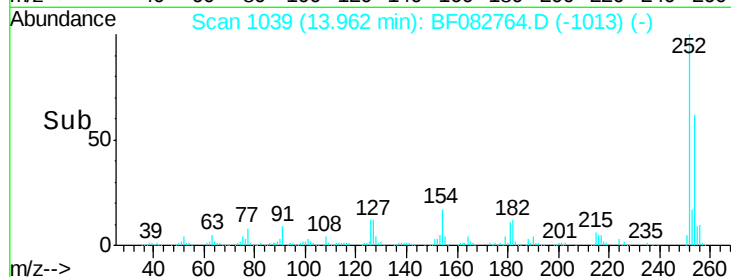
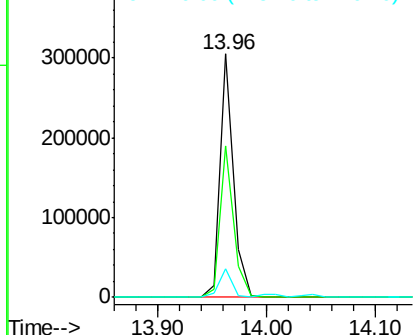
#81
 3,3'-Dichlorobenzidine
 Concen: 21.44 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BF082764.D
 Acq: 6 Nov 2015 16:34

Instrument :
 BNA_F
 ClientSampleId :
 PB86450BS

Tgt Ion:252 Resp: 263702
 Ion Ratio Lower Upper
 252 100
 254 62.2 51.4 77.0
 126 11.7 10.7 16.1

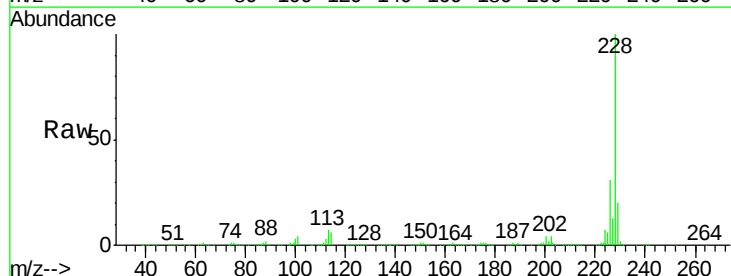


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

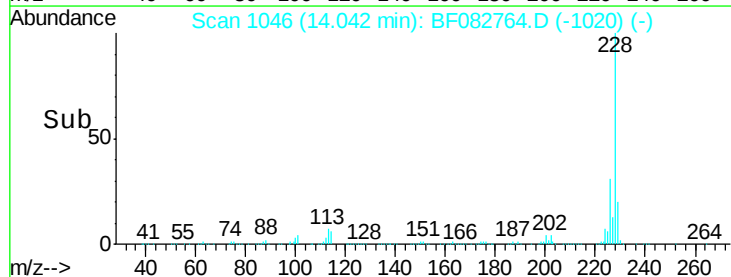
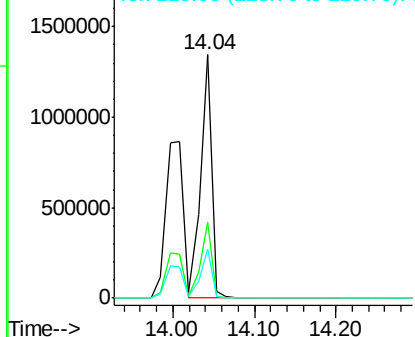


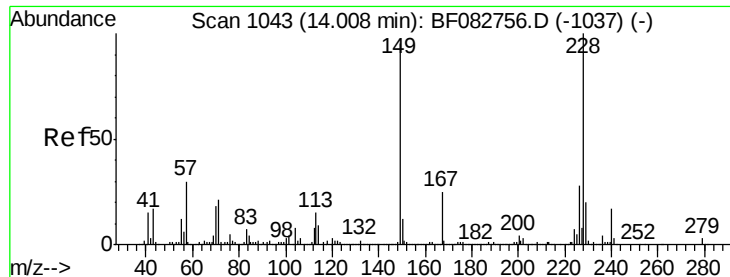
#82
 Chrysene
 Concen: 40.38 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. 0.00 min
 Lab File: BF082764.D
 Acq: 6 Nov 2015 16:34

Tgt Ion:228 Resp: 1279450
 Ion Ratio Lower Upper
 228 100
 226 31.3 25.5 38.3
 229 19.9 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

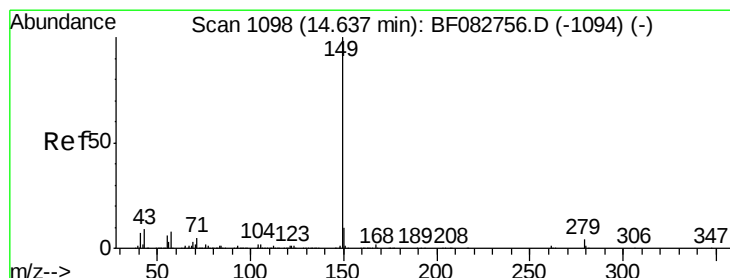
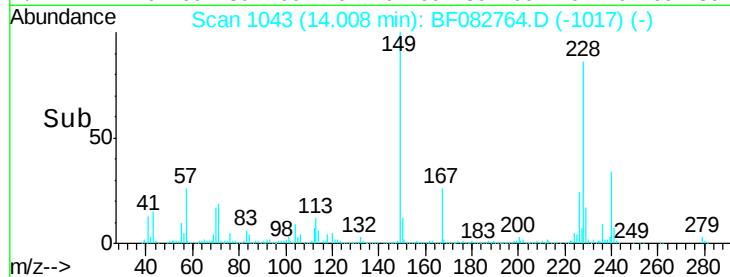
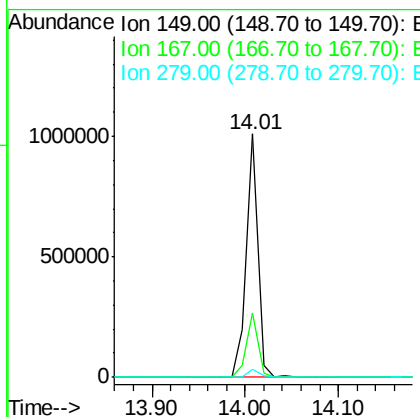
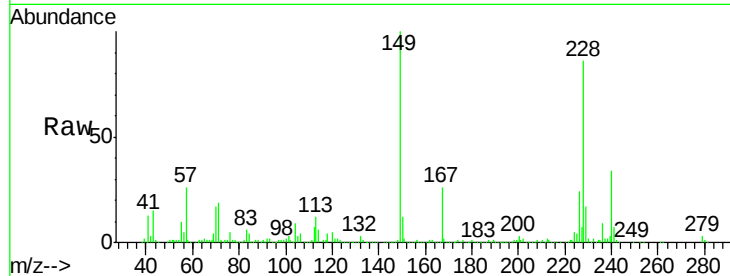




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.89 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BF082764.D
 Acq: 6 Nov 2015 16:34

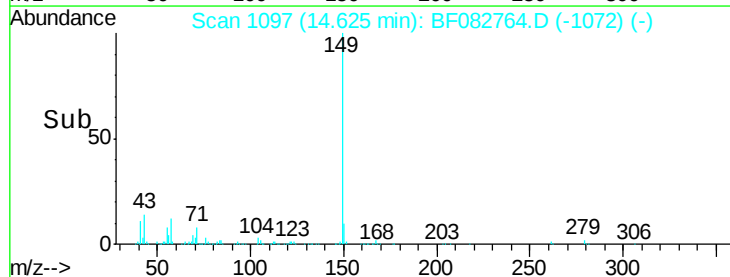
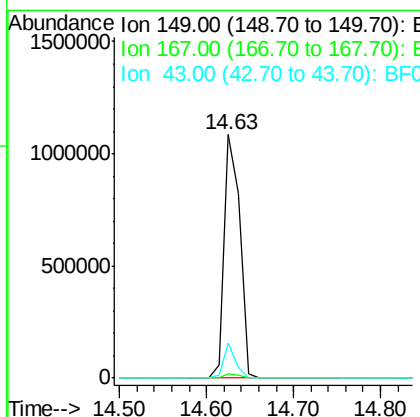
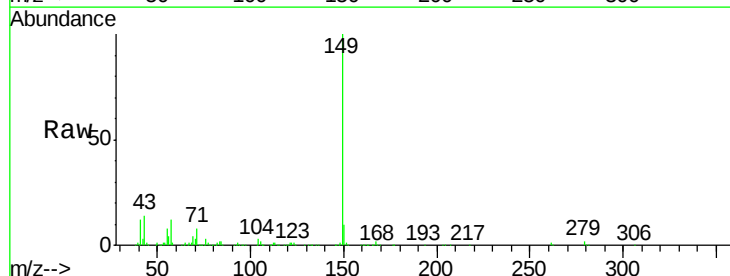
Instrument :
 BNA_F
 ClientSampleId :
 PB86450BS

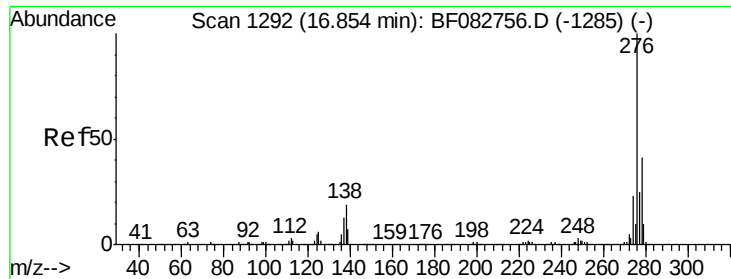
Tgt Ion:149 Resp: 870441
 Ion Ratio Lower Upper
 149 100
 167 26.4 21.2 31.8
 279 3.2 2.2 3.2



#84
 Di-n-octyl phthalate
 Concen: 35.66 ng
 RT: 14.63 min Scan# 1097
 Delta R.T. -0.01 min
 Lab File: BF082764.D
 Acq: 6 Nov 2015 16:34

Tgt Ion:149 Resp: 1366300
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 11.1 10.1 15.1





#85

Indeno(1,2,3-cd)pyrene

Concen: 36.96 ng

RT: 16.85 min Scan# 1292

Delta R.T. 0.00 min

Lab File: BF082764.D

Acq: 6 Nov 2015 16:34

Instrument :

BNA_F

ClientSampleId :

PB86450BS

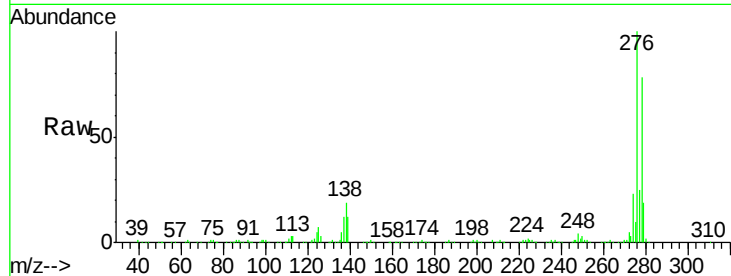
Tgt Ion:276 Resp: 1008425

Ion Ratio Lower Upper

276 100

138 19.2 15.3 22.9

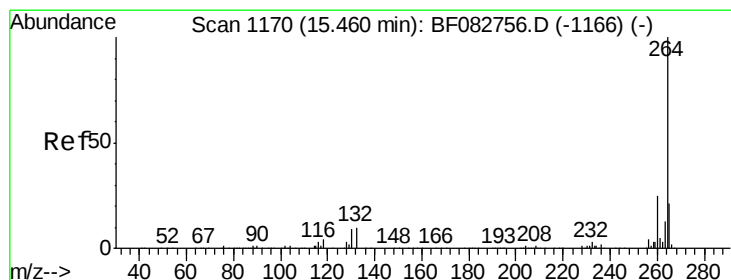
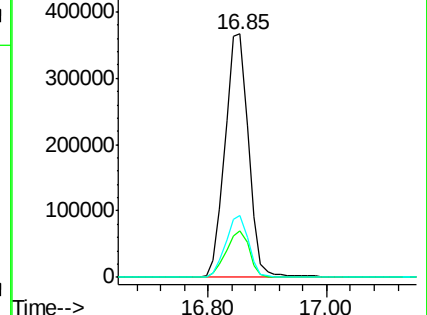
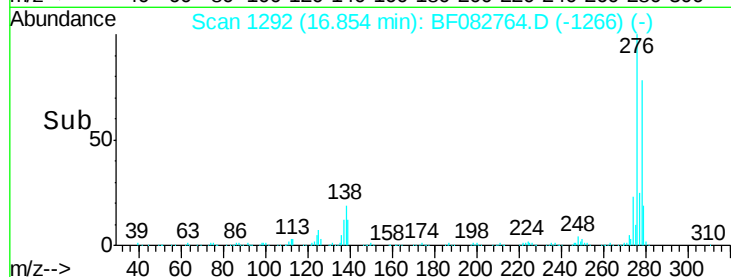
277 25.0 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.45 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF082764.D

Acq: 6 Nov 2015 16:34

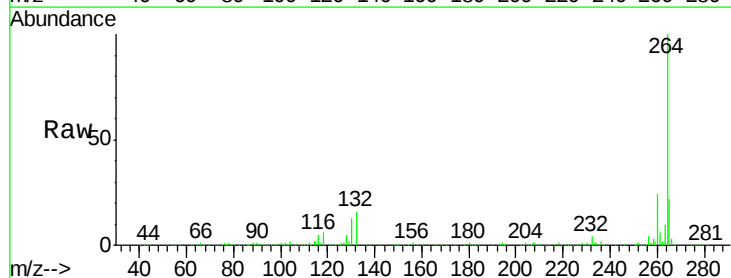
Tgt Ion:264 Resp: 532632

Ion Ratio Lower Upper

264 100

260 24.4 19.8 29.6

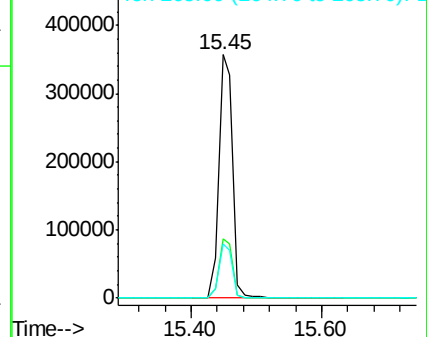
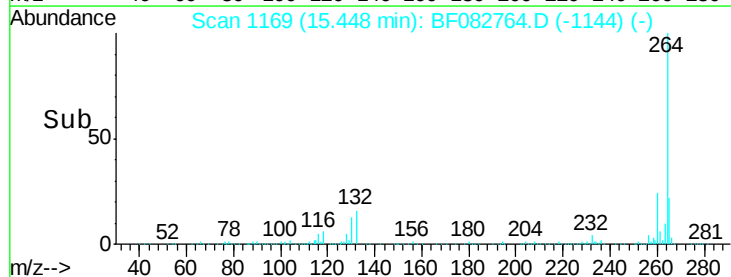
265 22.5 17.4 26.0

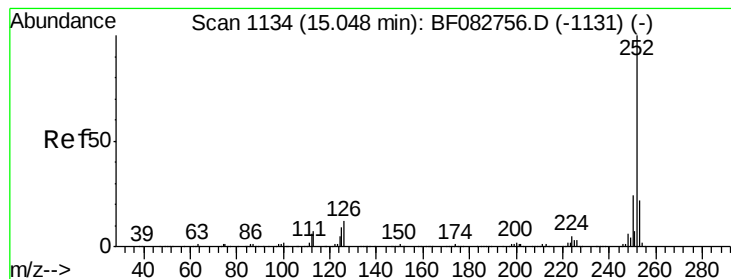


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 64.07 ng

RT: 15.05 min Scan# 1134

Delta R.T. 0.00 min

Lab File: BF082764.D

Acq: 6 Nov 2015 16:34

Instrument :

BNA_F

ClientSampleId :

PB86450BS

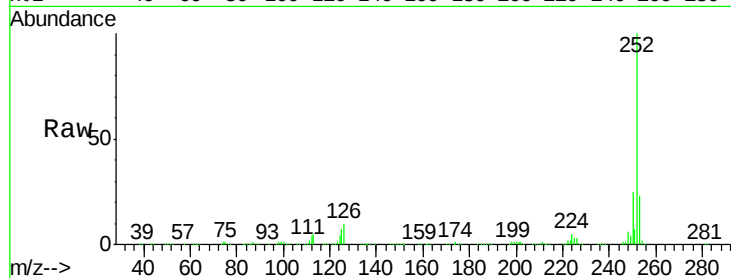
Tgt Ion:252 Resp: 2190394

Ion Ratio Lower Upper

252 100

253 22.8 17.8 26.8

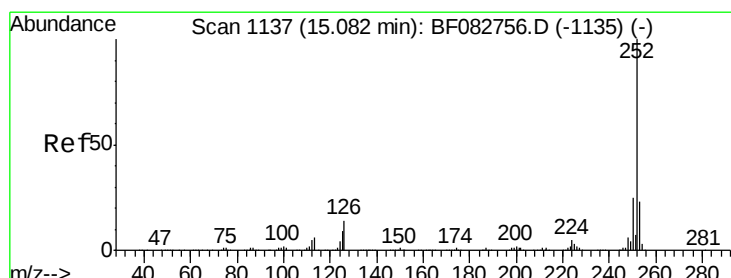
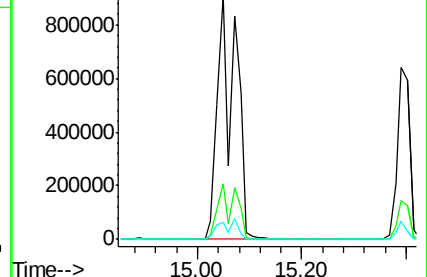
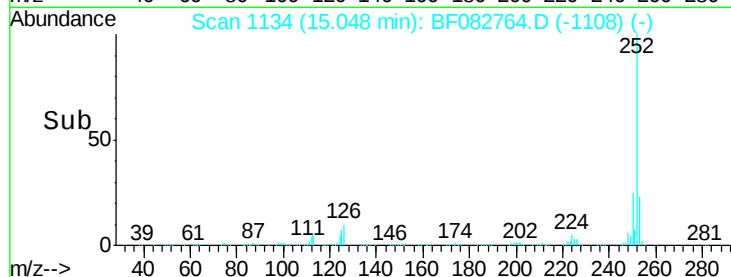
125 7.3 5.4 8.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 72.22 ng

RT: 15.05 min Scan# 1134

Delta R.T. -0.03 min

Lab File: BF082764.D

Acq: 6 Nov 2015 16:34

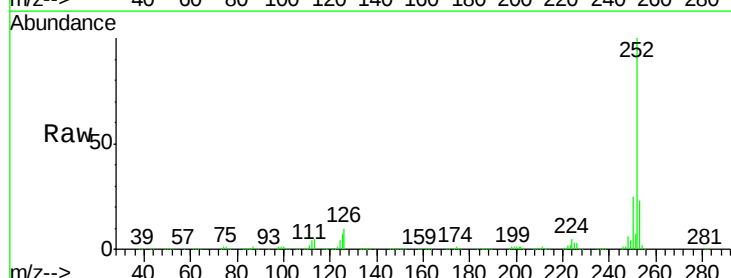
Tgt Ion:252 Resp: 2190394

Ion Ratio Lower Upper

252 100

253 22.8 17.9 26.9

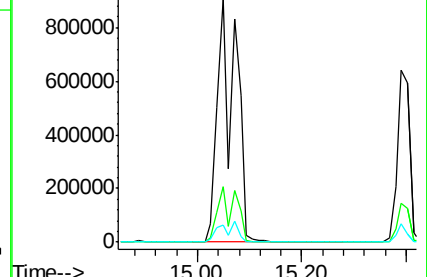
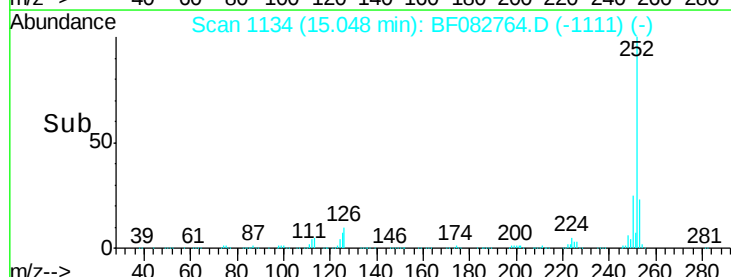
125 7.3 3.5 5.3#

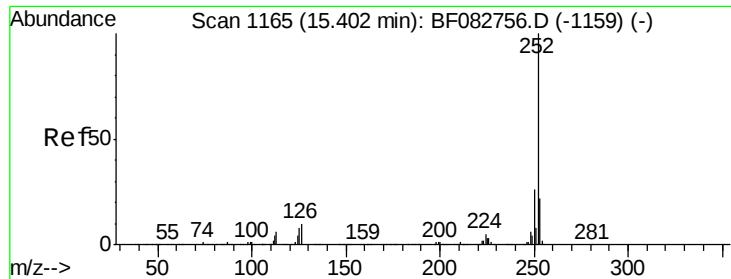


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

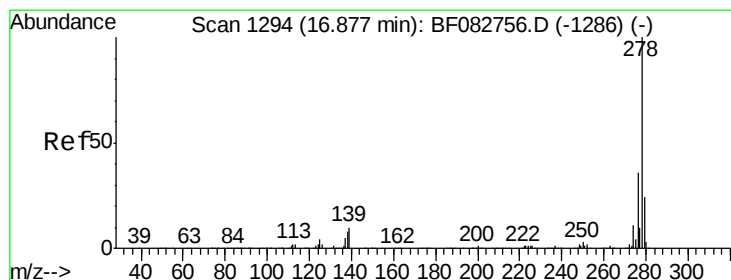
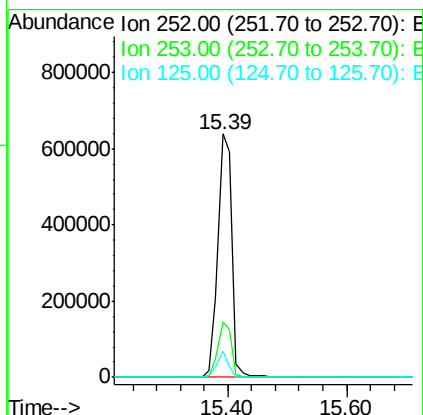
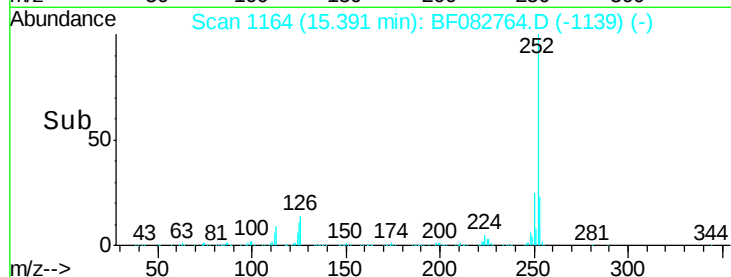
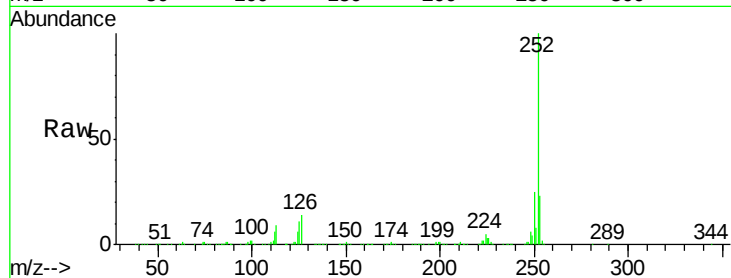




#89
Benzo(a)pyrene
Concen: 35.19 ng
RT: 15.39 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BF082764.D
Acq: 6 Nov 2015 16:34

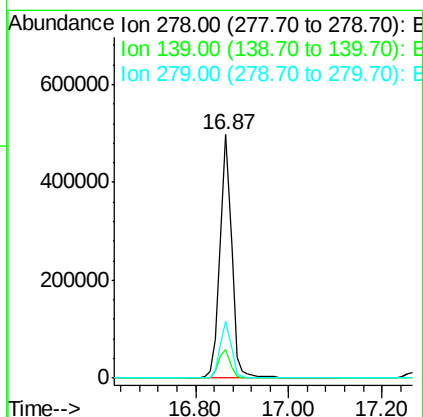
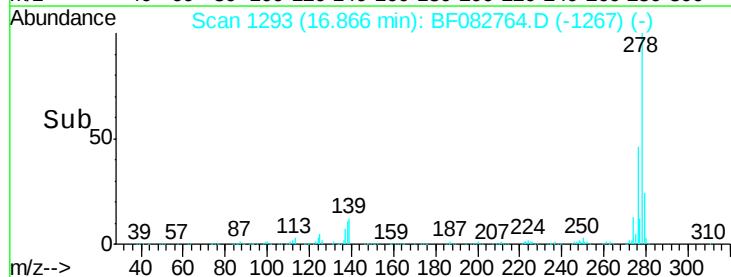
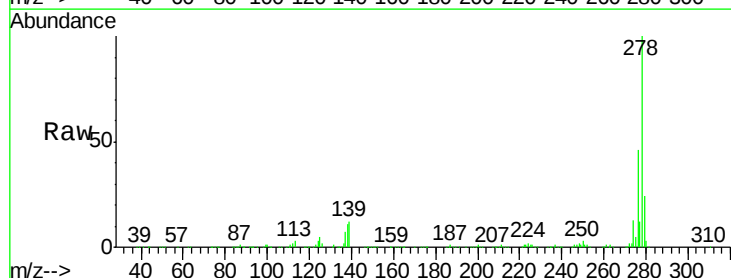
Instrument :
BNA_F
ClientSampleId :
PB86450BS

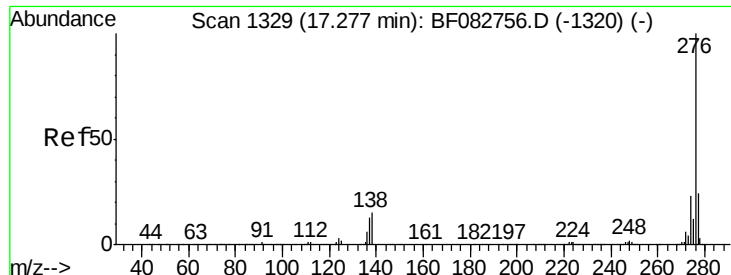
Tgt Ion:252 Resp: 1042222
Ion Ratio Lower Upper
252 100
253 22.8 17.3 25.9
125 10.9 7.1 10.7#



#90
Dibenzo(a,h)anthracene
Concen: 34.05 ng
RT: 16.87 min Scan# 1293
Delta R.T. 0.00 min
Lab File: BF082764.D
Acq: 6 Nov 2015 16:34

Tgt Ion:278 Resp: 854147
Ion Ratio Lower Upper
278 100
139 11.8 9.9 14.9
279 23.5 19.6 29.4





#91

Benzo(g,h,i)perylene

Concen: 33.97 ng

RT: 17.27 min Scan# 1328

Delta R.T. 0.00 min

Lab File: BF082764.D

Acq: 6 Nov 2015 16:34

Instrument :

BNA_F

ClientSampleId :

PB86450BS

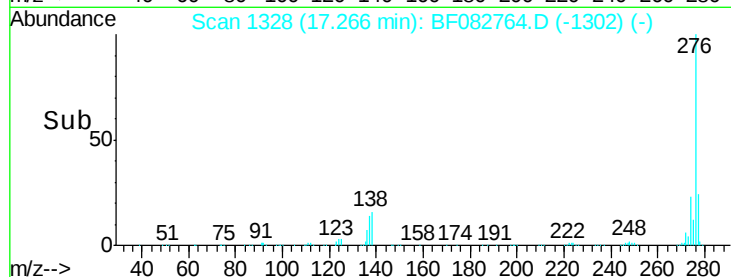
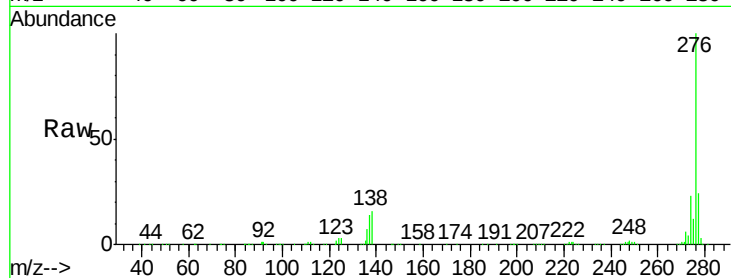
Tgt Ion: 276 Resp: 816175

Ion Ratio Lower Upper

276 100

277 23.8 19.2 28.8

138 16.5 13.1 19.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

