

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
 Data File : BF082595.D
 Acq On : 31 Oct 2015 2:30
 Operator : UM/IZ
 Sample : PB86203BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86203BS

Quant Time: Oct 31 03:19:05 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 31 00:17:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	176874	20.00	ng	-0.01
21) Naphthalene-d8	8.19	136	688893	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	368855	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	709167	20.00	ng	0.00
75) Chrysene-d12	14.08	240	562783	20.00	ng	0.00
86) Perylene-d12	15.52	264	397026	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	1029604	87.67	ng	0.01
7) Phenol-d6	6.53	99	1295644	83.05	ng	0.00
23) Nitrobenzene-d5	7.47	82	1414208	83.83	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	336176	83.28	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	2134123	82.15	ng	0.00
78) Terphenyl-d14	13.03	244	1939342	75.41	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.62	88	182178	33.56	ng	90
3) Pyridine	3.34	79	563050	35.37	ng	96
4) n-Nitrosodimethylamine	3.29	42	325101	36.28	ng	96
6) Aniline	6.56	93	501979	23.11	ng	93
8) 2-Chlorophenol	6.69	128	489980	38.56	ng	98
9) Benzaldehyde	6.44	77	225273	21.15	ng	99
10) Phenol	6.54	94	733401	41.49	ng	99
11) bis(2-Chloroethyl)ether	6.64	93	482941	37.03	ng	96
12) 1,3-Dichlorobenzene	6.84	146	518282	35.77	ng	99
13) 1,4-Dichlorobenzene	6.92	146	567843	39.52	ng	97
14) 1,2-Dichlorobenzene	7.08	146	509789	38.22	ng	97
15) Benzyl Alcohol	7.05	79	613383	42.16	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.18	45	842686	40.66	ng	99
17) 2-Methylphenol	7.16	107	461942	42.76	ng	98
18) Hexachloroethane	7.42	117	224298	40.00	ng	95
19) n-Nitroso-di-n-propylamine	7.32	70	423653	35.82	ng	97
20) 3+4-Methylphenols	7.31	107	517522	36.86	ng	90
22) Acetophenone	7.31	105	768327	37.88	ng	# 77
24) Nitrobenzene	7.48	77	595107	34.90	ng	# 84
25) Isophorone	7.73	82	1188143	38.28	ng	99
26) 2-Nitrophenol	7.80	139	230553	37.01	ng	96
27) 2,4-Dimethylphenol	7.85	122	496164	40.80	ng	99
28) bis(2-Chloroethoxy)methane	7.94	93	623425	36.72	ng	98
29) 2,4-Dichlorophenol	8.05	162	446424	40.28	ng	98
30) 1,2,4-Trichlorobenzene	8.13	180	452259	36.77	ng	98
31) Naphthalene	8.21	128	1339133	35.92	ng	100
32) Benzoic acid	7.96	122	320630	36.35	ng	98
33) 4-Chloroaniline	8.26	127	220436	13.85	ng	# 89
34) Hexachlorobutadiene	8.34	225	295720	37.80	ng	99
35) Caprolactam	8.62	113	136513	40.14	ng	# 86
36) 4-Chloro-3-methylphenol	8.74	107	537348	41.17	ng	99
37) 2-Methylnaphthalene	8.91	142	1025887	42.46	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	472685	38.40	ng	# 98
40) Hexachlorocyclopentadiene	9.07	237	651653	84.22	ng	100

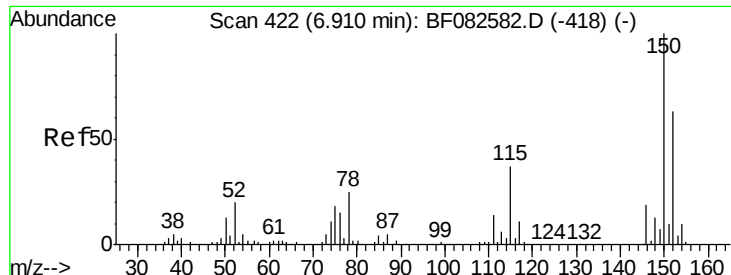
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
 Data File : BF082595.D
 Acq On : 31 Oct 2015 2:30
 Operator : UM/IZ
 Sample : PB86203BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86203BS

Quant Time: Oct 31 03:19:05 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 31 00:17:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	362065	40.74	ng	99
43) 2,4,5-Trichlorophenol	9.22	196	304697	34.41	ng	96
45) 1,1'-Biphenyl	9.38	154	1190471	38.21	ng	97
46) 2-Chloronaphthalene	9.40	162	950548	39.07	ng	97
47) 2-Nitroaniline	9.48	65	324623	34.33	ng	98
48) Acenaphthylene	9.81	152	1526065	39.22	ng	100
49) Dimethylphthalate	9.68	163	1155301	38.35	ng	99
50) 2,6-Dinitrotoluene	9.73	165	268825	43.05	ng	89
51) Acenaphthene	9.98	154	1037410	42.00	ng	99
52) 3-Nitroaniline	9.89	138	140788	20.27	ng	88
53) 2,4-Dinitrophenol	10.00	184	238080	72.28	ng	# 56
54) Dibenzofuran	10.16	168	1259412	37.57	ng	99
55) 4-Nitrophenol	10.05	139	371243	71.03	ng	# 65
56) 2,4-Dinitrotoluene	10.13	165	335723	39.76	ng	92
57) Fluorene	10.50	166	1046522	38.70	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.27	232	281977	37.68	ng	100
59) Diethylphthalate	10.38	149	1222690	39.87	ng	99
60) 4-Chlorophenyl-phenylether	10.50	204	506304	38.52	ng	96
61) 4-Nitroaniline	10.51	138	223417	33.70	ng	94
62) Azobenzene	10.65	77	1403136	40.57	ng	84
64) 4,6-Dinitro-2-methylphenol	10.54	198	178477	41.73	ng	84
65) n-Nitrosodiphenylamine	10.61	169	970290	39.80	ng	100
66) 4-Bromophenyl-phenylether	10.98	248	295550	36.78	ng	# 61
67) Hexachlorobenzene	11.05	284	333311	37.41	ng	# 89
68) Atrazine	11.14	200	320948	40.24	ng	99
69) Pentachlorophenol	11.24	266	474105	80.69	ng	99
70) Phenanthrene	11.46	178	1502294	37.56	ng	99
71) Anthracene	11.52	178	1678968	41.69	ng	99
72) Carbazole	11.66	167	1456085	41.51	ng	99
73) Di-n-butylphthalate	12.01	149	1919164	42.98	ng	99
74) Fluoranthene	12.65	202	1618950	39.59	ng	98
76) Benzidine	12.76	184	435045	17.14	ng	99
77) Pyrene	12.88	202	1628938	39.09	ng	100
79) Butylbenzylphthalate	13.51	149	767303	42.04	ng	89
80) Benzo(a)anthracene	14.07	228	1393062	38.97	ng	99
81) 3,3'-Dichlorobenzidine	14.03	252	205743	16.70	ng	# 94
82) Chrysene	14.10	228	1008744	31.13	ng	100
83) Bis(2-ethylhexyl)phthalate	14.08	149	925857	39.13	ng	# 96
84) Di-n-octyl phthalate	14.68	149	1406883	38.12	ng	99
85) Indeno(1,2,3-cd)pyrene	16.96	276	987773	36.94	ng	99
87) Benzo(b)fluoranthene	15.11	252	965771	35.28	ng	99
88) Benzo(k)fluoranthene	15.11	252	965771	46.30	ng	# 97
89) Benzo(a)pyrene	15.46	252	911014	42.25	ng	98
90) Dibenzo(a,h)anthracene	16.98	278	840558	41.78	ng	98
91) Benzo(g,h,i)perylene	17.39	276	813276	41.72	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.01 min

Lab File: BF082595.D

Acq: 31 Oct 2015 2:30

Instrument :

BNA_F

ClientSampleId :

PB86203BS

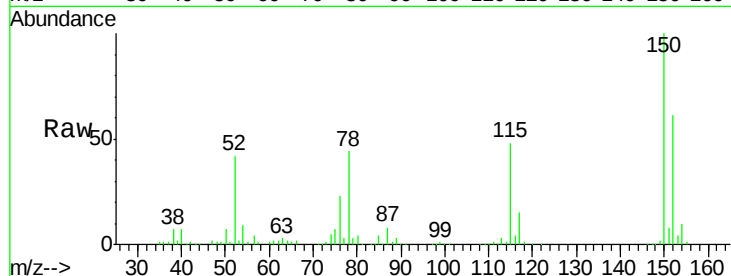
Tgt Ion:152 Resp: 176874

Ion Ratio Lower Upper

152 100

150 165.2 127.0 190.4

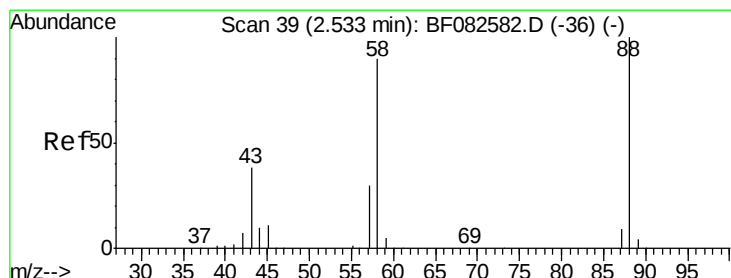
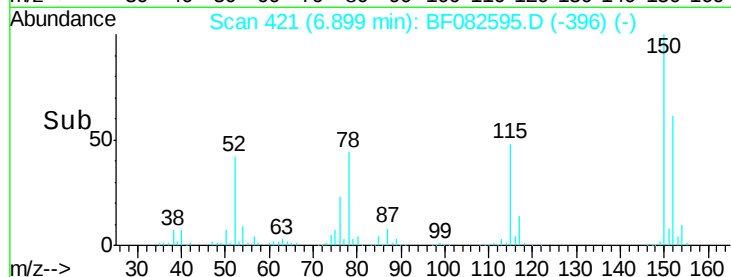
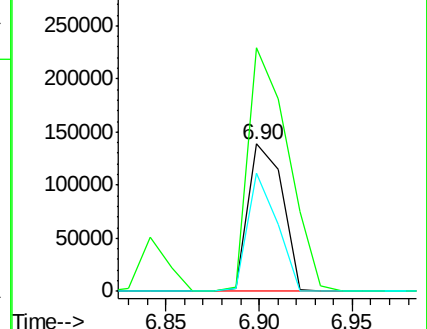
115 79.8 47.0 70.6#



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



#2

1,4-Dioxane

Concen: 33.56 ng

RT: 2.62 min Scan# 47

Delta R.T. 0.09 min

Lab File: BF082595.D

Acq: 31 Oct 2015 2:30

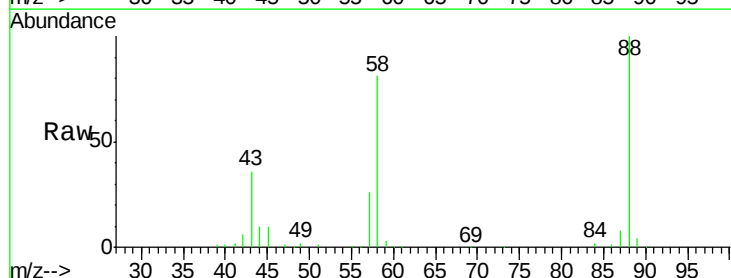
Tgt Ion: 88 Resp: 182178

Ion Ratio Lower Upper

88 100

58 86.2 62.0 93.0

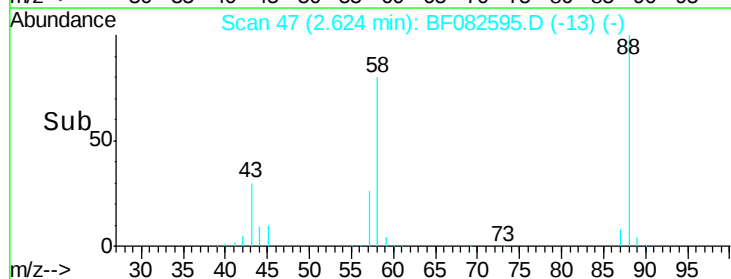
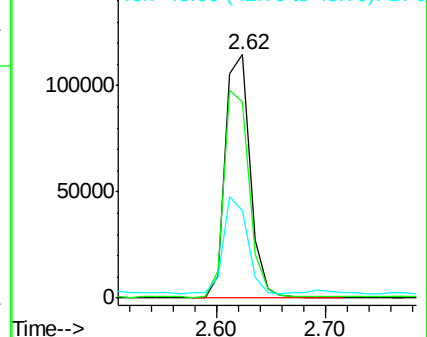
43 38.4 26.6 40.0

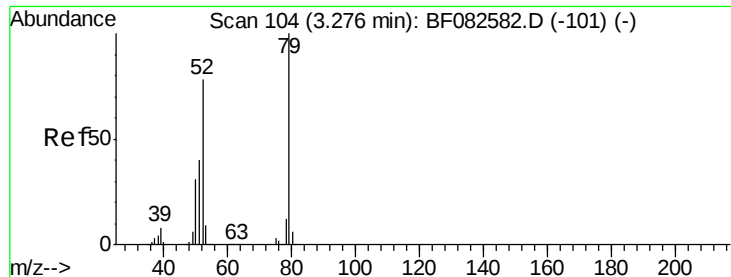


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 35.37 ng

RT: 3.34 min Scan# 110

Delta R.T. 0.07 min

Lab File: BF082595.D

Acq: 31 Oct 2015 2:30

Instrument :

BNA_F

ClientSampleId :

PB86203BS

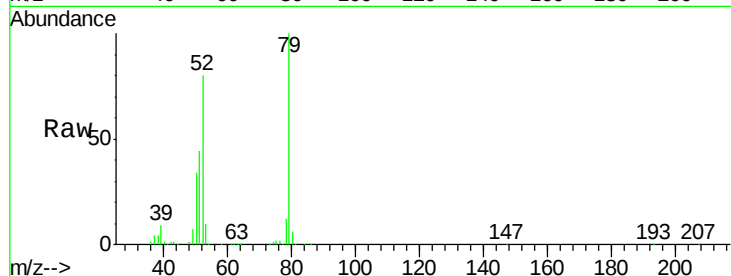
Tgt Ion: 79 Resp: 563050

Ion Ratio Lower Upper

79 100

52 80.3 62.8 94.2

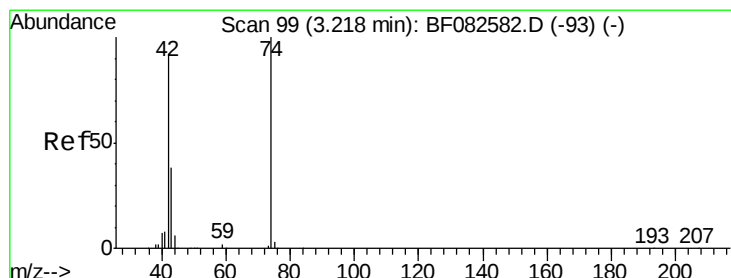
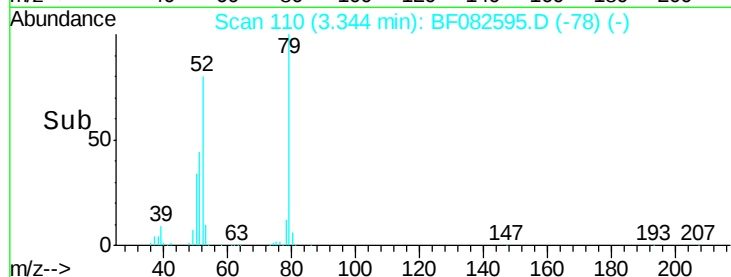
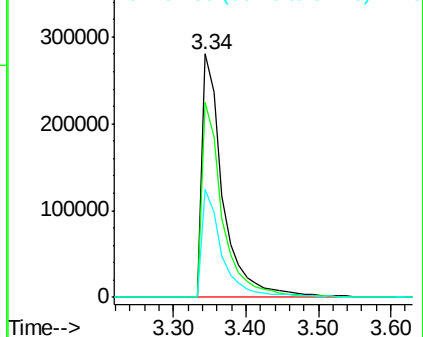
51 44.4 32.0 48.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 36.28 ng

RT: 3.29 min Scan# 105

Delta R.T. 0.07 min

Lab File: BF082595.D

Acq: 31 Oct 2015 2:30

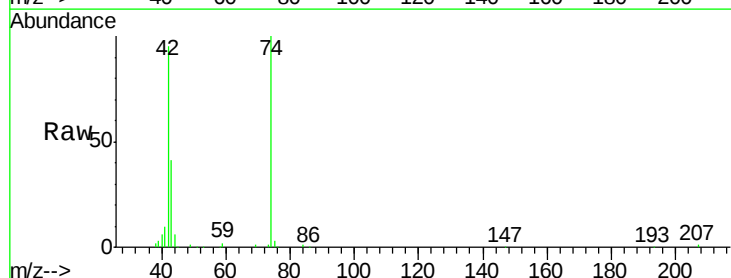
Tgt Ion: 42 Resp: 325101

Ion Ratio Lower Upper

42 100

74 105.0 87.0 130.4

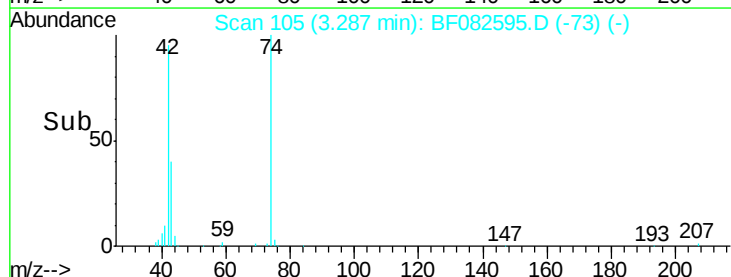
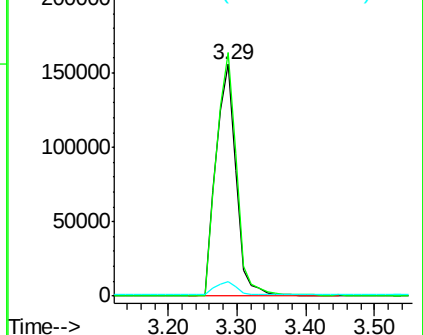
44 6.1 5.8 8.8

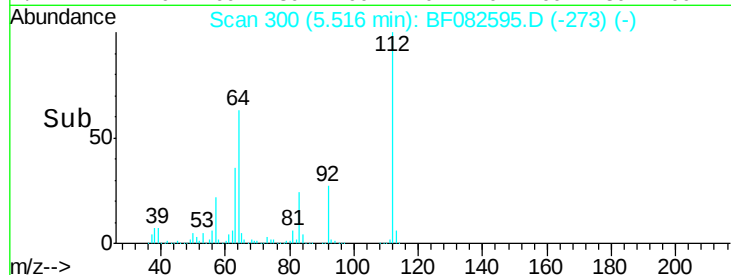
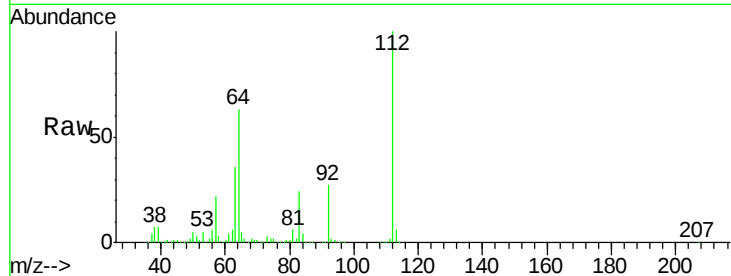
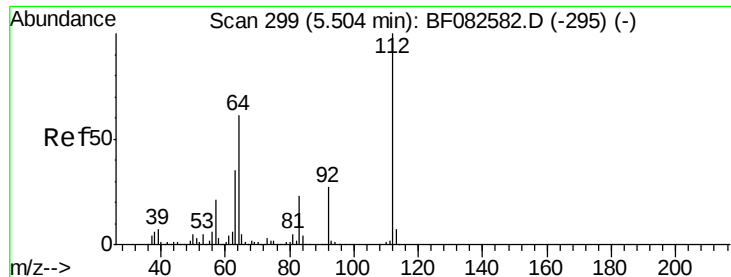


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0

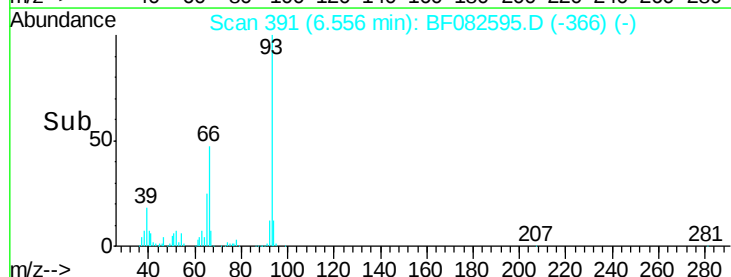
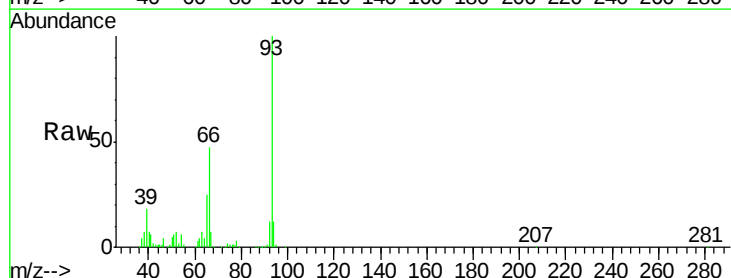
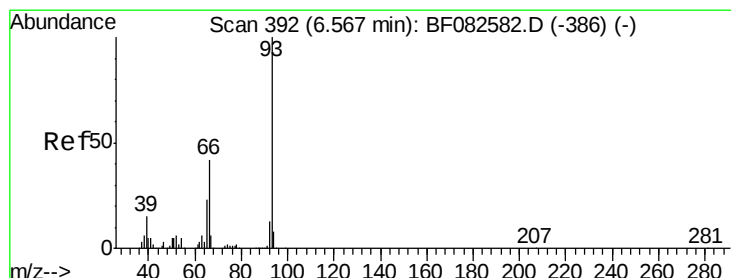
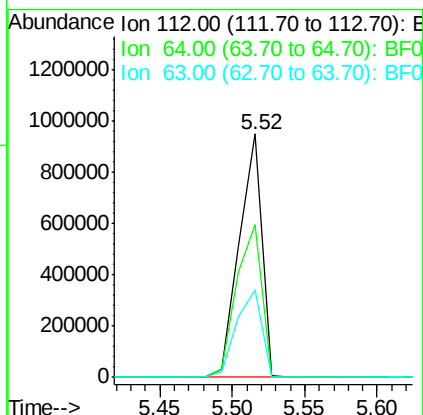




#5
2-Fluorophenol
Concen: 87.67 ng
RT: 5.52 min Scan# 300
Delta R.T. 0.01 min
Lab File: BF082595.D
Acq: 31 Oct 2015 2:30

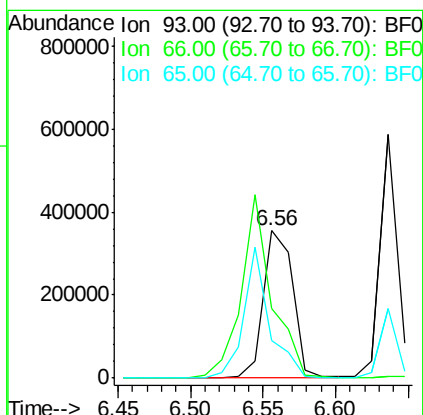
Instrument :
BNA_F
ClientSampleId :
PB86203BS

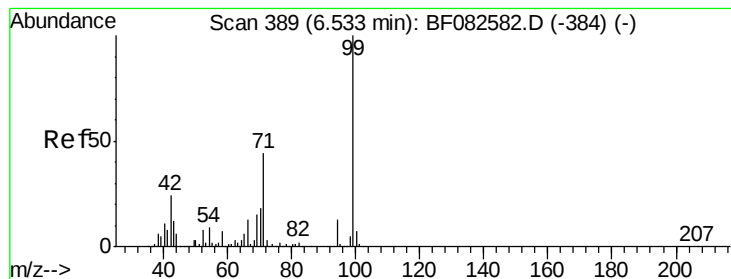
Tgt Ion: 112 Resp: 1029604
Ion Ratio Lower Upper
112 100
64 62.6 48.9 73.3
63 35.8 28.1 42.1



#6
Aniline
Concen: 23.11 ng
RT: 6.56 min Scan# 391
Delta R.T. -0.01 min
Lab File: BF082595.D
Acq: 31 Oct 2015 2:30

Tgt Ion: 93 Resp: 501979
Ion Ratio Lower Upper
93 100
66 46.8 33.6 50.4
65 25.4 18.1 27.1





#7

Phenol-d6

Concen: 83.05 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF082595.D

Acq: 31 Oct 2015 2:30

Instrument :

BNA_F

ClientSampled :

PB86203BS

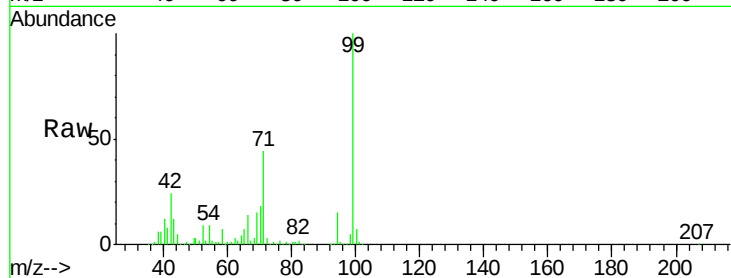
Tgt Ion: 99 Resp: 1295644

Ion Ratio Lower Upper

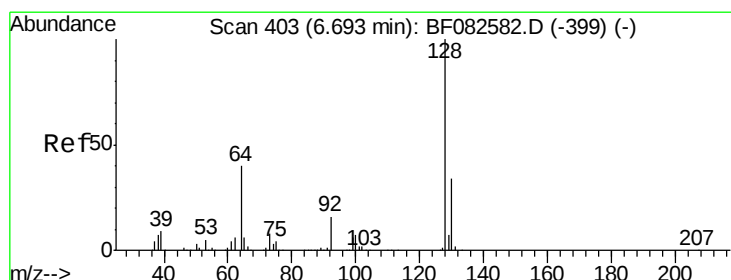
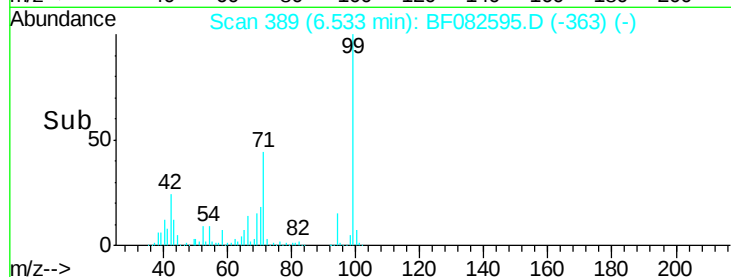
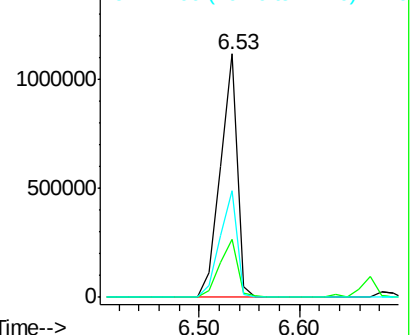
99 100

42 23.6 19.2 28.8

71 44.0 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: 38.56 ng

RT: 6.69 min Scan# 403

Delta R.T. -0.00 min

Lab File: BF082595.D

Acq: 31 Oct 2015 2:30

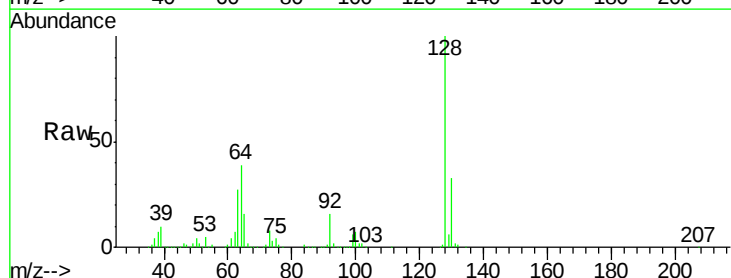
Tgt Ion: 128 Resp: 489980

Ion Ratio Lower Upper

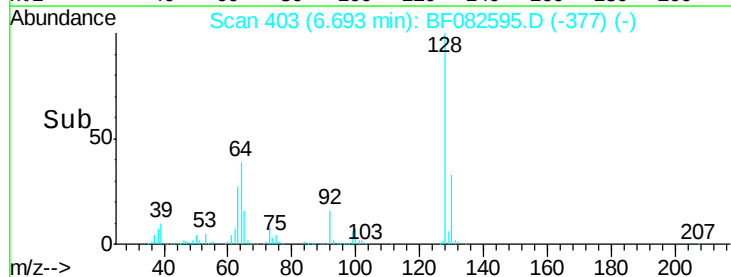
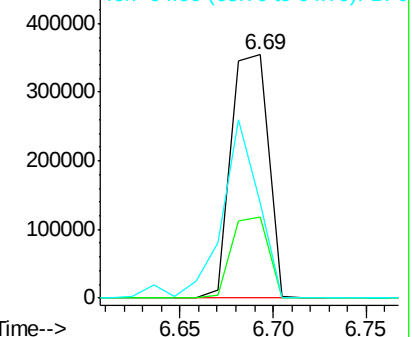
128 100

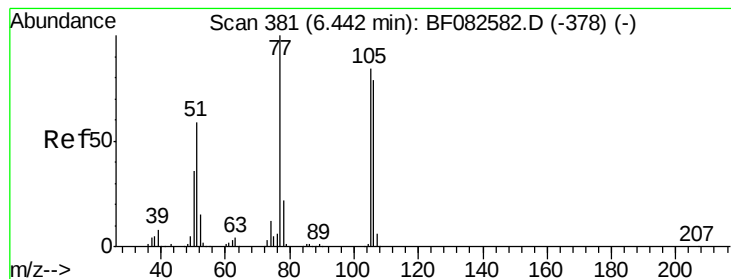
130 33.3 13.5 53.5

64 39.3 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: 21.15 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF082595.D

Acq: 31 Oct 2015 2:30

Instrument :

BNA_F

ClientSampleId :

PB86203BS

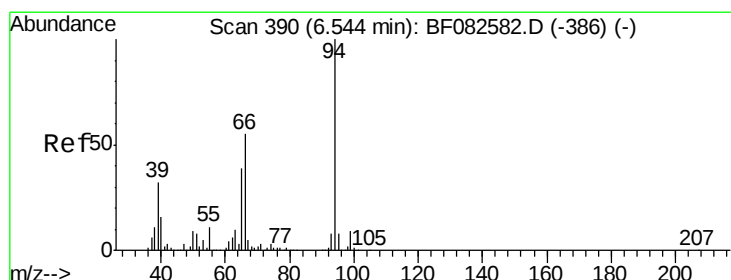
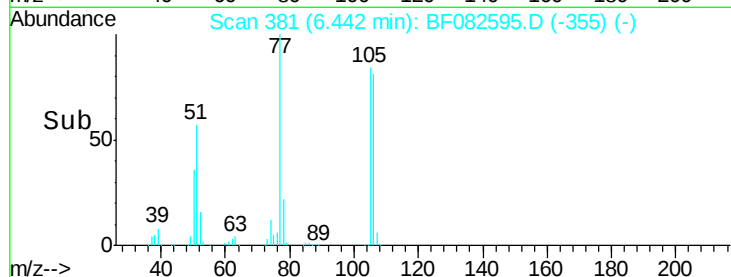
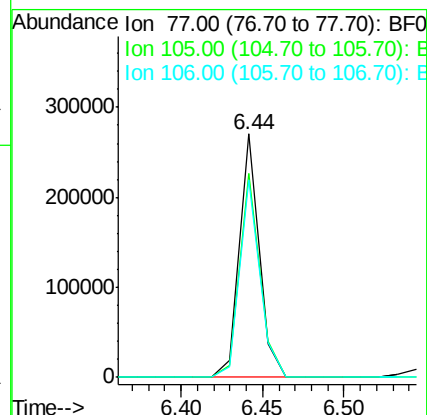
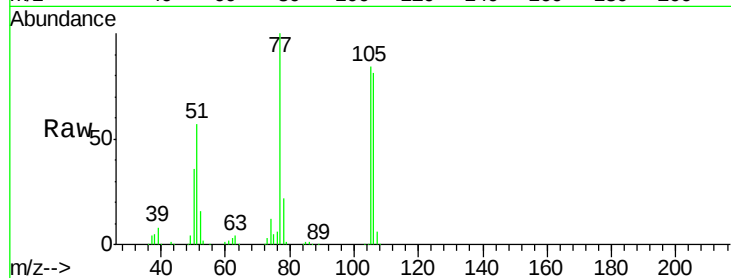
Tgt Ion: 77 Resp: 225273

Ion Ratio Lower Upper

77 100

105 83.9 63.5 103.5

106 81.2 59.3 99.3



#10

Phenol

Concen: 41.49 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.00 min

Lab File: BF082595.D

Acq: 31 Oct 2015 2:30

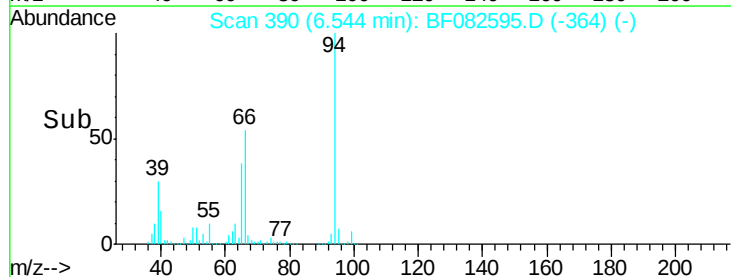
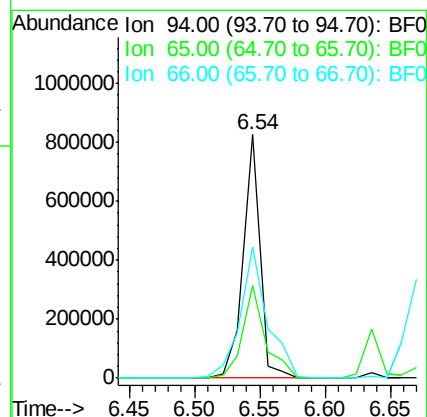
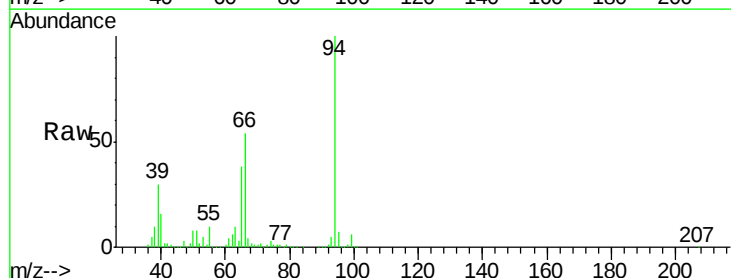
Tgt Ion: 94 Resp: 733401

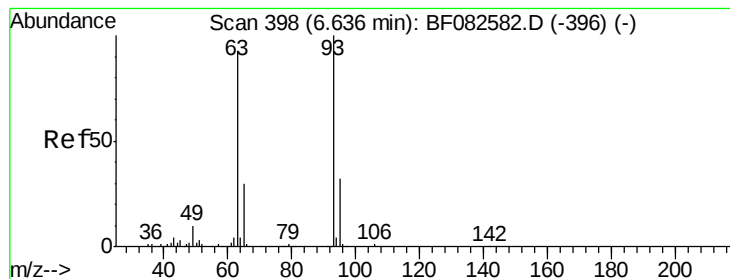
Ion Ratio Lower Upper

94 100

65 38.3 18.9 58.9

66 53.6 34.9 74.9





#11

bis(2-Chloroethyl)ether

Concen: 37.03 ng

RT: 6.64 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF082595.D

Acq: 31 Oct 2015 2:30

Instrument :

BNA_F

ClientSampleId :

PB86203BS

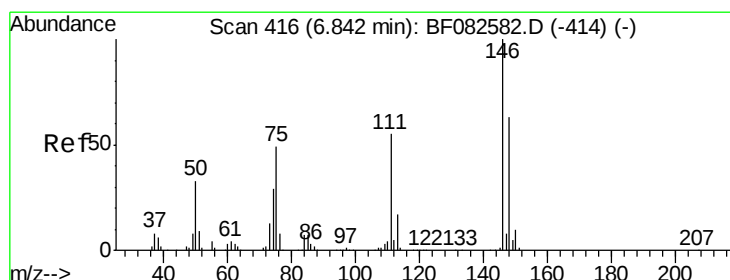
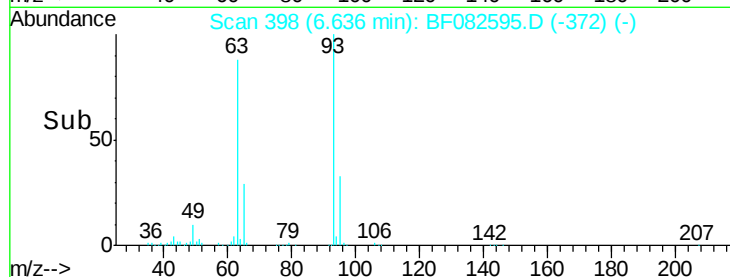
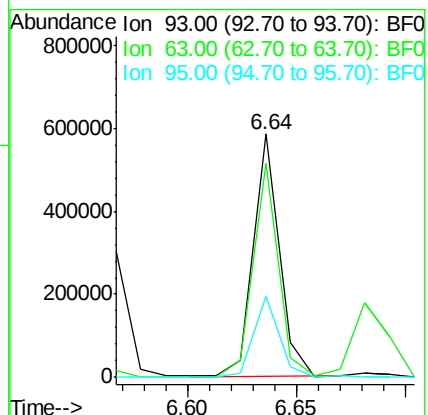
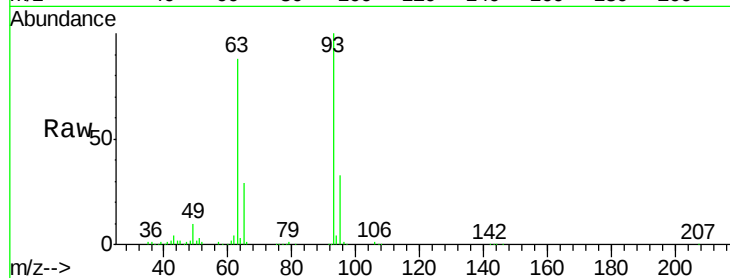
Tgt Ion: 93 Resp: 482941

Ion Ratio Lower Upper

93 100

63 87.8 72.7 112.7

95 33.2 12.0 52.0



#12

1,3-Dichlorobenzene

Concen: 35.77 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.00 min

Lab File: BF082595.D

Acq: 31 Oct 2015 2:30

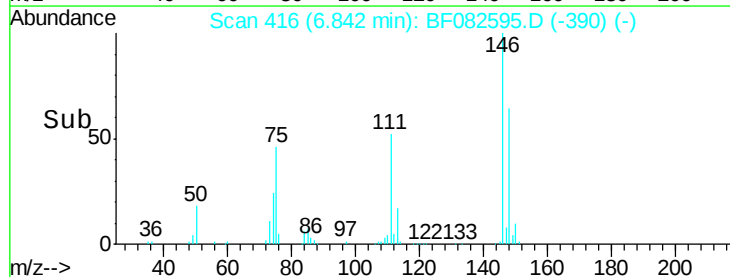
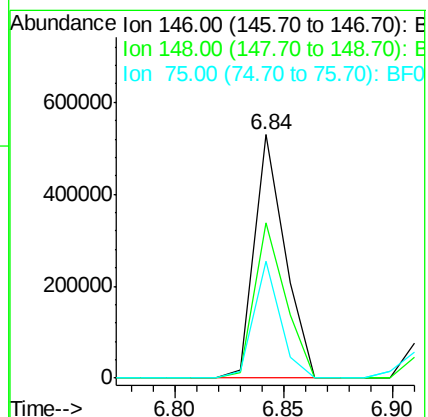
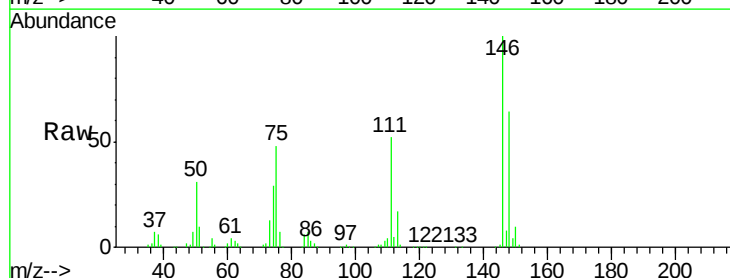
Tgt Ion: 146 Resp: 518282

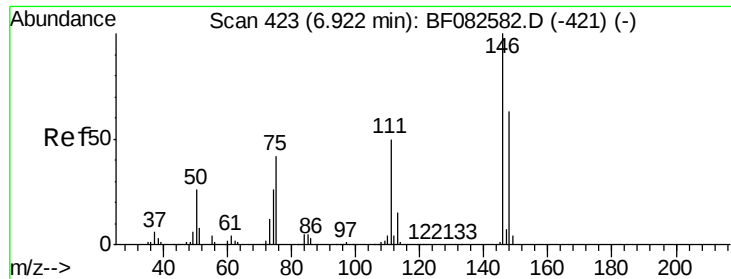
Ion Ratio Lower Upper

146 100

148 63.8 50.5 75.7

75 48.3 39.5 59.3

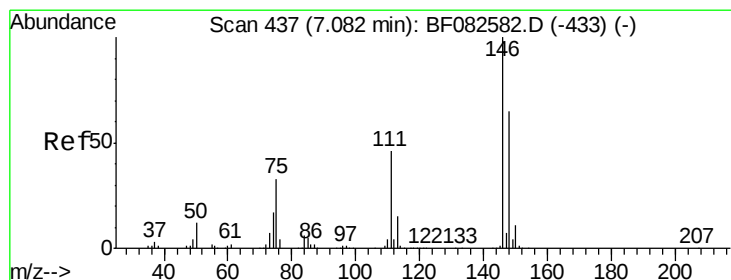
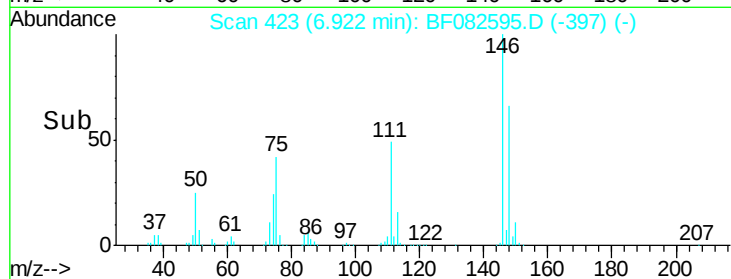
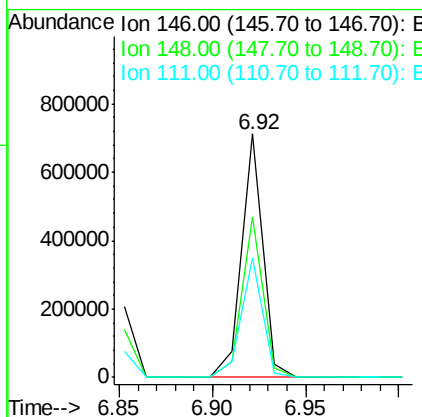
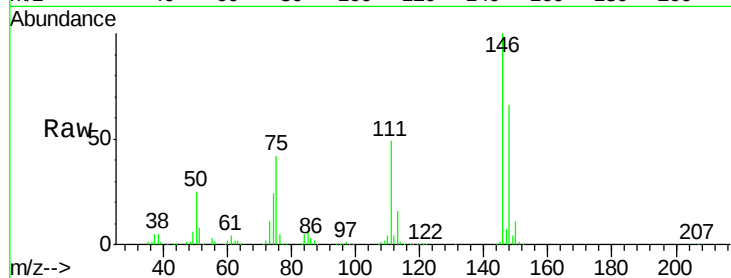




#13
 1,4-Dichlorobenzene
 Concen: 39.52 ng
 RT: 6.92 min Scan# 423
 Delta R.T. -0.00 min
 Lab File: BF082595.D
 Acq: 31 Oct 2015 2:30

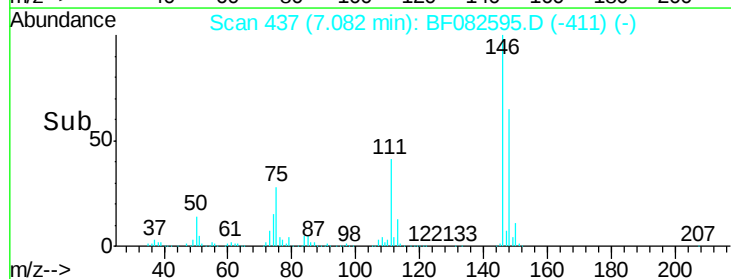
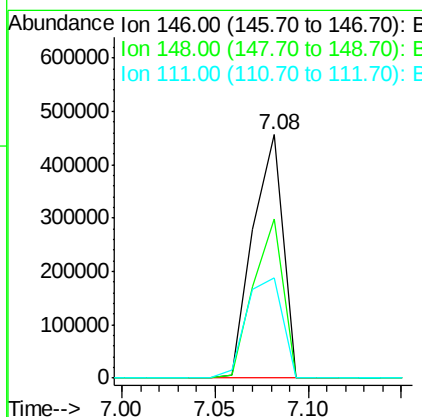
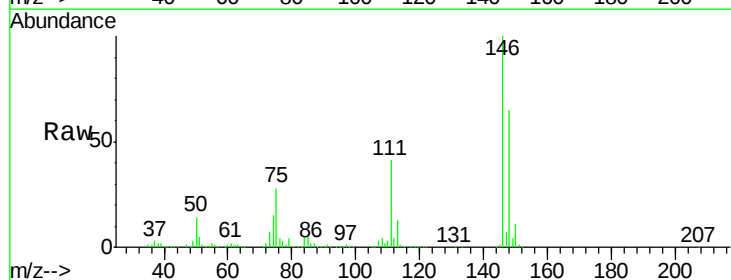
Instrument :
 BNA_F
 ClientSampleID :
 PB86203BS

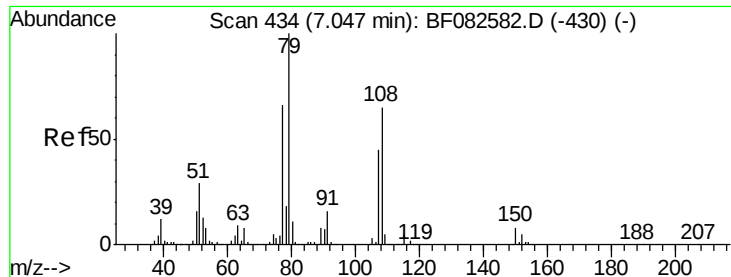
Tgt Ion:146 Resp: 567843
 Ion Ratio Lower Upper
 146 100
 148 65.7 50.8 76.2
 111 48.9 40.6 60.8



#14
 1,2-Dichlorobenzene
 Concen: 38.22 ng
 RT: 7.08 min Scan# 437
 Delta R.T. -0.00 min
 Lab File: BF082595.D
 Acq: 31 Oct 2015 2:30

Tgt Ion:146 Resp: 509789
 Ion Ratio Lower Upper
 146 100
 148 65.2 52.2 78.4
 111 40.9 36.6 55.0

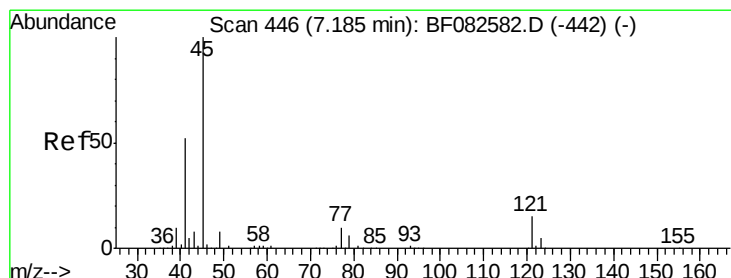
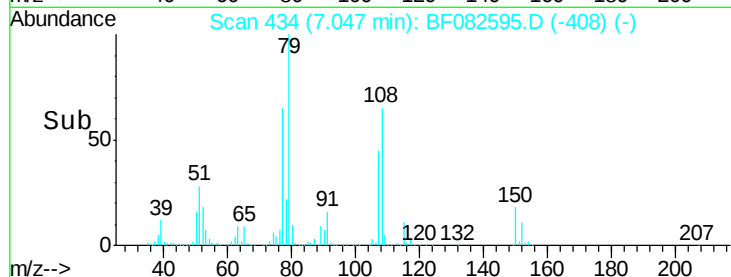
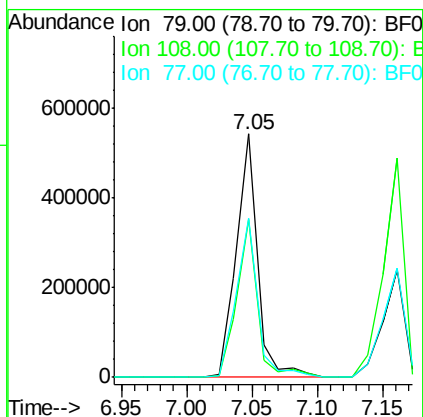
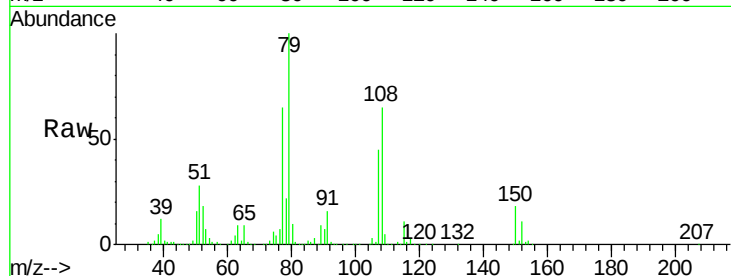




#15
Benzyl Alcohol
Concen: 42.16 ng
RT: 7.05 min Scan# 434
Delta R.T. -0.00 min
Lab File: BF082595.D
Acq: 31 Oct 2015 2:30

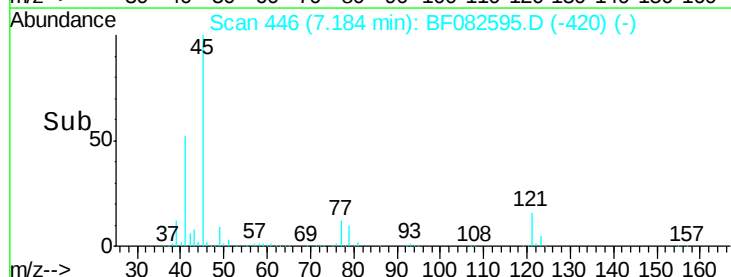
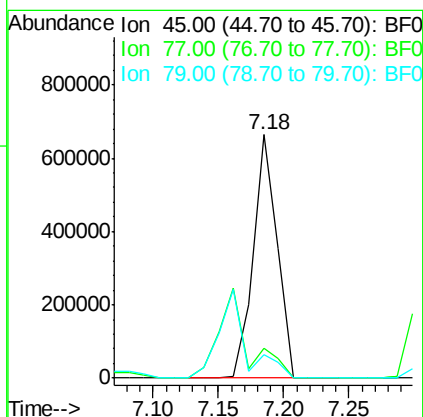
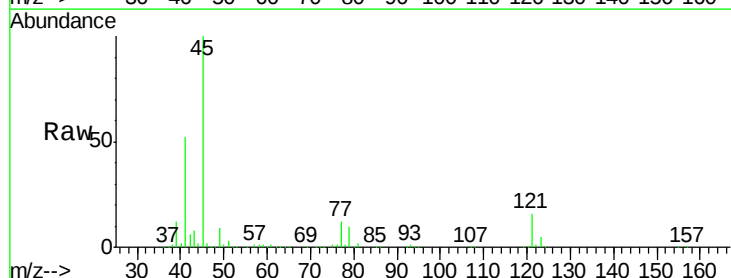
Instrument :
BNA_F
ClientSampleId :
PB86203BS

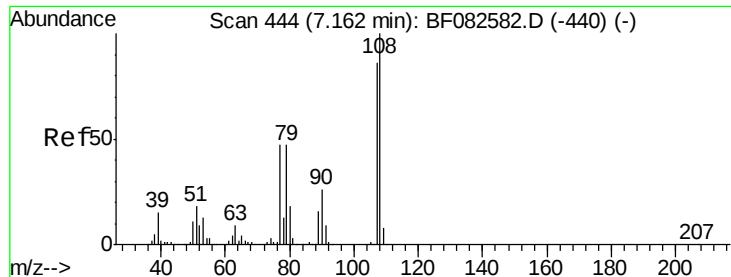
Tgt Ion: 79 Resp: 613383
Ion Ratio Lower Upper
79 100
108 64.7 52.2 78.4
77 65.2 52.7 79.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.66 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.00 min
Lab File: BF082595.D
Acq: 31 Oct 2015 2:30

Tgt Ion: 45 Resp: 842686
Ion Ratio Lower Upper
45 100
77 12.4 0.0 32.6
79 9.7 0.0 29.2





#17

2-Methylphenol

Concen: 42.76 ng

RT: 7.16 min Scan# 444

Delta R.T. -0.00 min

Lab File: BF082595.D

Acq: 31 Oct 2015 2:30

Instrument :

BNA_F

ClientSampleId :

PB86203BS

Tgt Ion:107 Resp: 461942

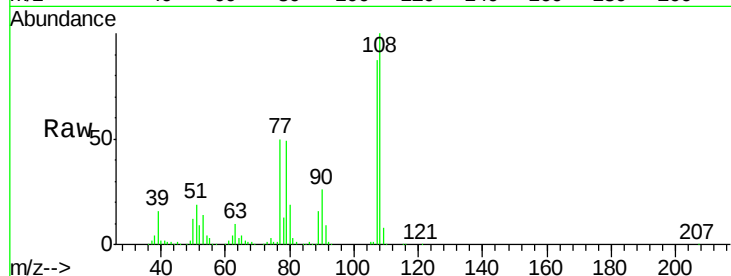
Ion Ratio Lower Upper

107 100

108 115.1 93.0 139.4

77 57.3 44.1 66.1

79 56.7 43.6 65.4

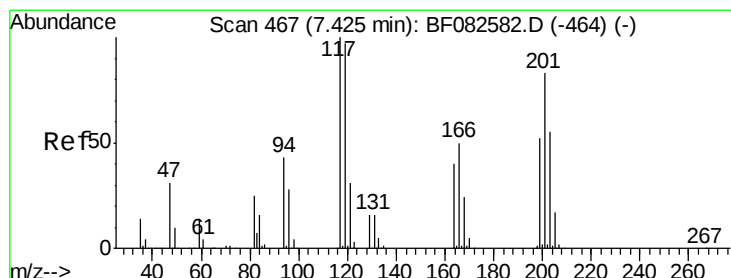
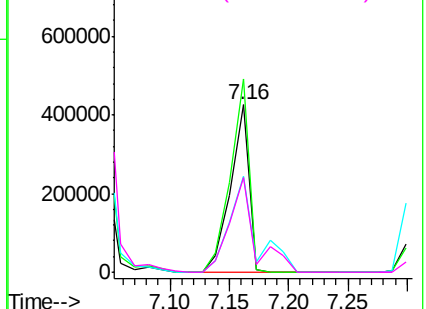
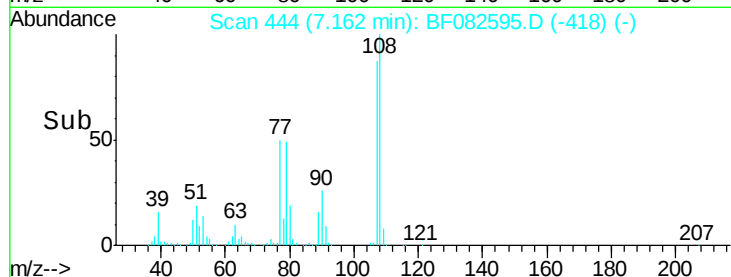


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 40.00 ng

RT: 7.42 min Scan# 467

Delta R.T. -0.00 min

Lab File: BF082595.D

Acq: 31 Oct 2015 2:30

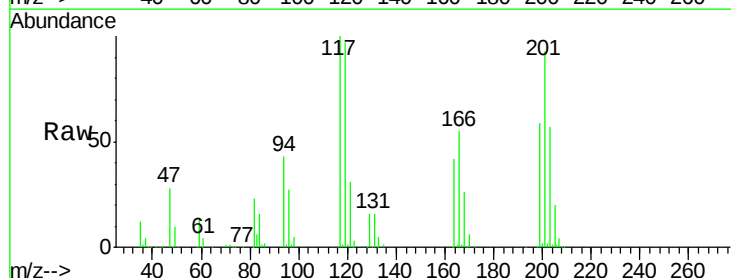
Tgt Ion:117 Resp: 224298

Ion Ratio Lower Upper

117 100

119 97.2 77.7 116.5

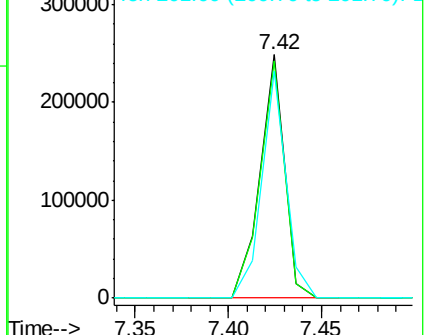
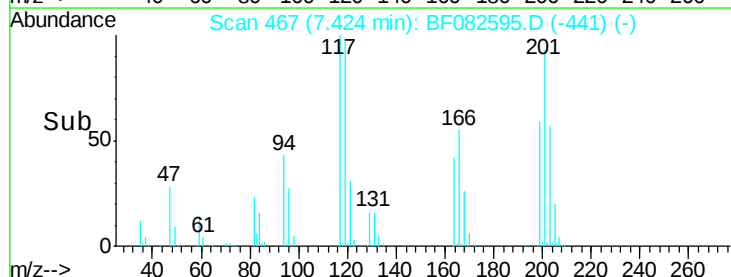
201 93.4 66.7 100.1

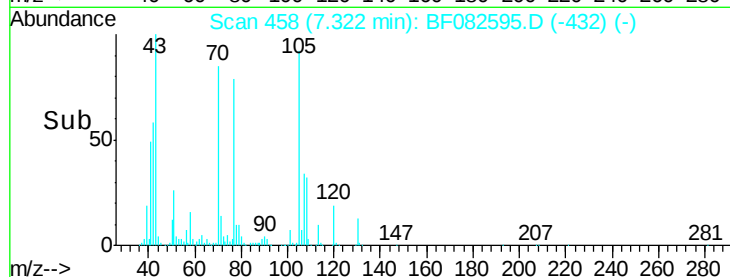
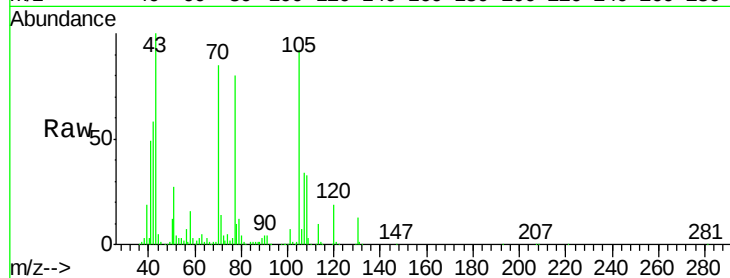
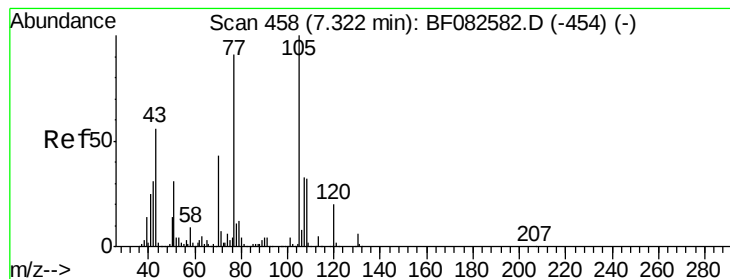


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 35.82 ng

RT: 7.32 min Scan# 458

Delta R.T. -0.00 min

Lab File: BF082595.D

Acq: 31 Oct 2015 2:30

Instrument :

BNA_F

ClientSampleId :

PB86203BS

Tgt Ion: 70 Resp: 423653

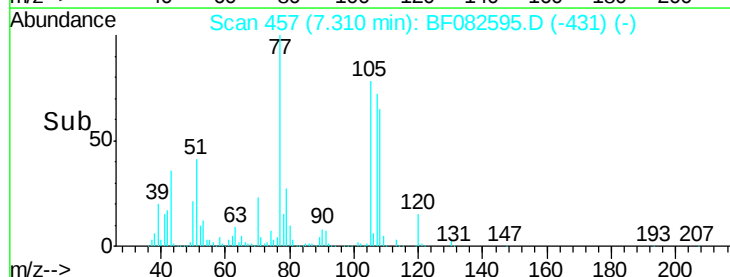
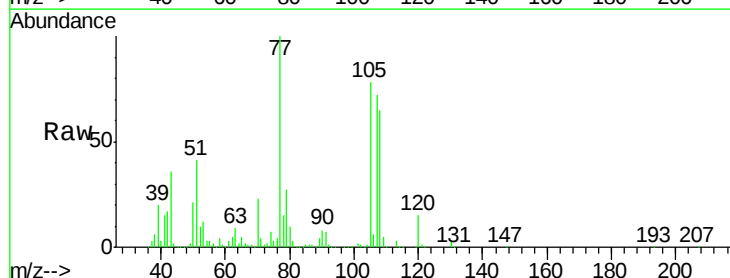
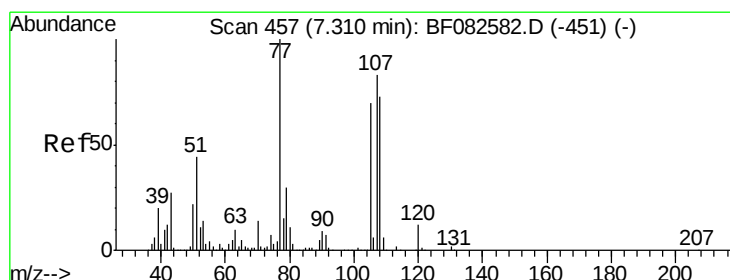
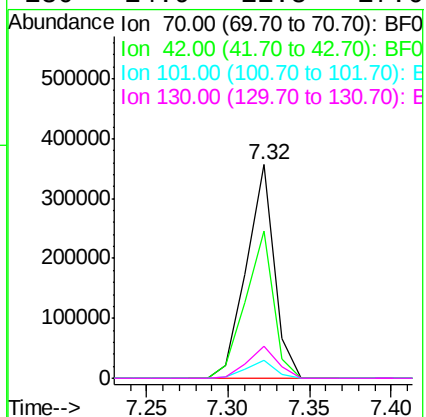
Ion Ratio Lower Upper

70 100

42 68.9 57.7 86.5

101 8.4 7.0 10.6

130 14.9 11.8 17.6



#20

3+4-Methylphenols

Concen: 36.86 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.00 min

Lab File: BF082595.D

Acq: 31 Oct 2015 2:30

Tgt Ion: 107 Resp: 517522

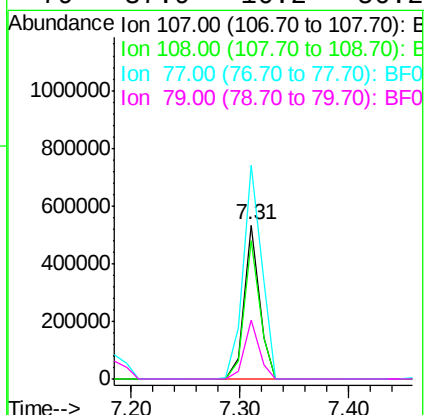
Ion Ratio Lower Upper

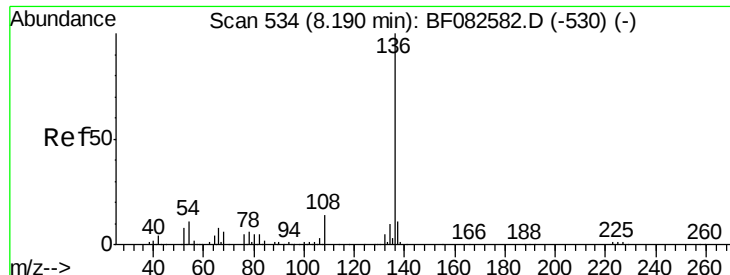
107 100

108 89.8 67.3 107.3

77 138.8 100.3 140.3

79 37.9 16.2 56.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.19 min Scan# 534

Delta R.T. -0.00 min

Lab File: BF082595.D

Acq: 31 Oct 2015 2:30

Instrument :

BNA_F

ClientSampleId :

PB86203BS

Tgt Ion:136 Resp: 688893

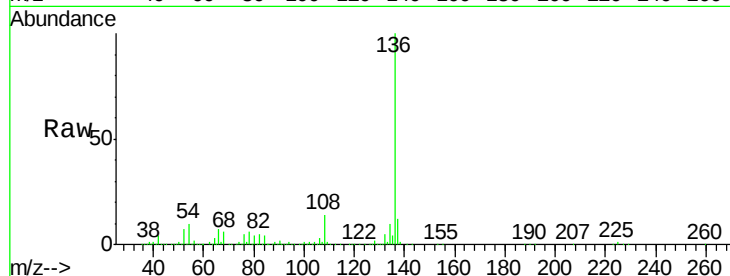
Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 10.3 9.1 13.7

68 5.7 4.8 7.2

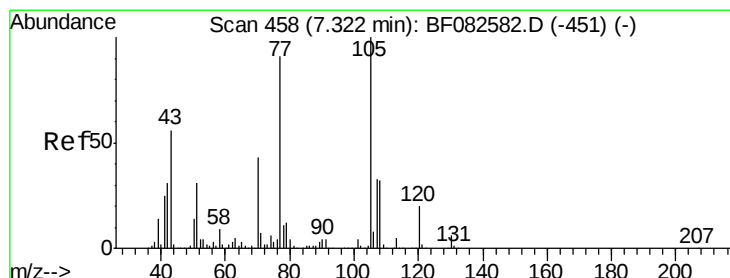
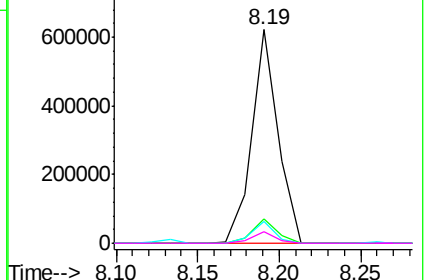
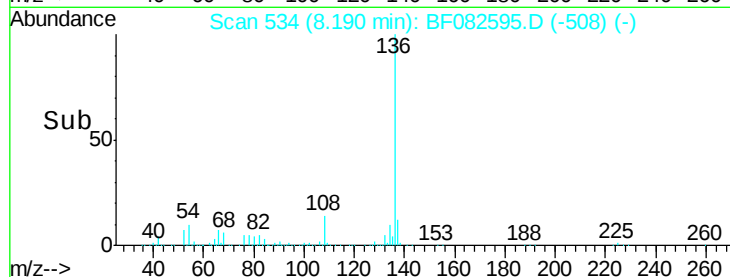


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 37.88 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.01 min

Lab File: BF082595.D

Acq: 31 Oct 2015 2:30

Tgt Ion:105 Resp: 768327

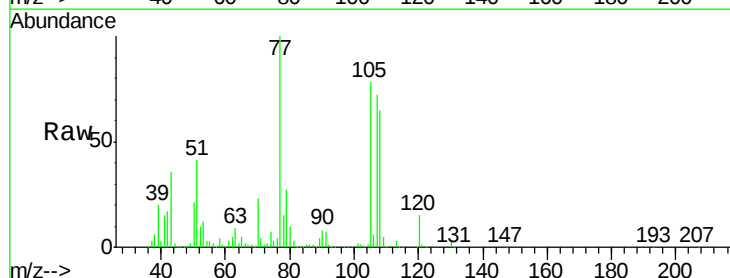
Ion Ratio Lower Upper

105 100

71 4.7 5.6 8.4#

51 53.0 24.9 37.3#

120 18.9 15.8 23.8

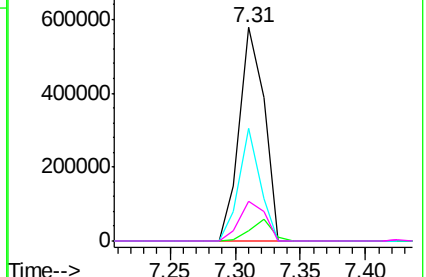
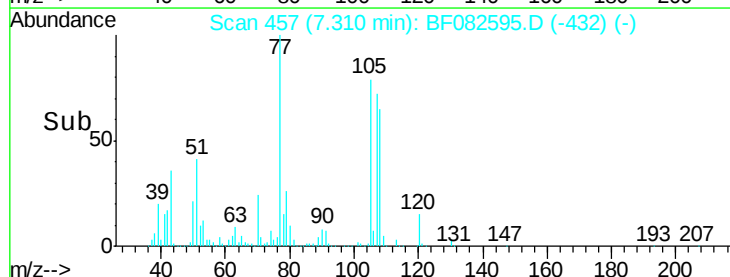


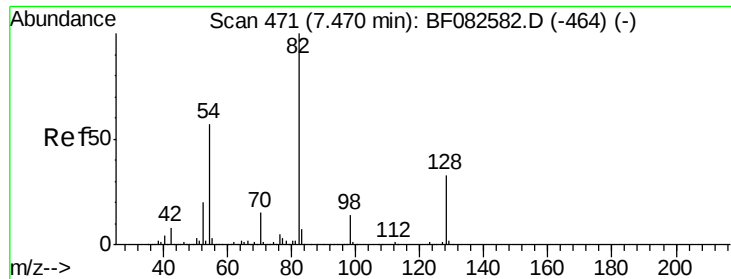
Abundance Ion 105.00 (104.70 to 105.70): E

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

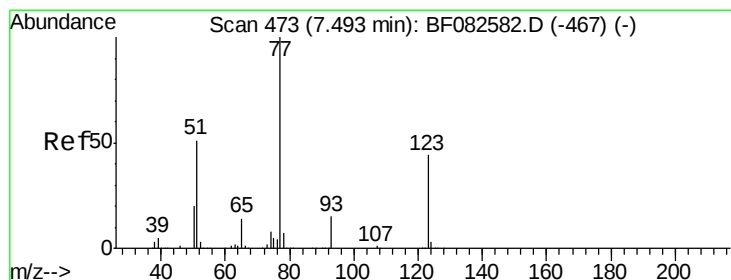
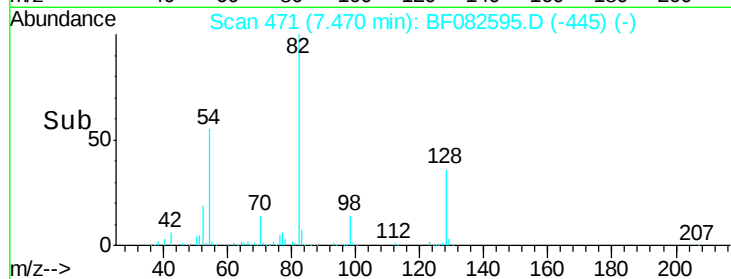
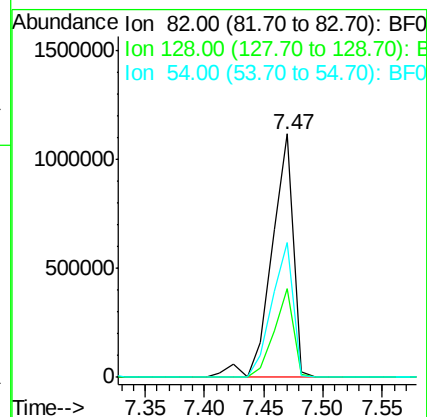
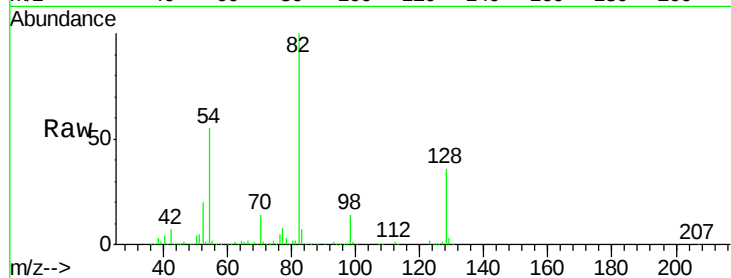




#23
 Nitrobenzene-d5
 Concen: 83.83 ng
 RT: 7.47 min Scan# 471
 Delta R.T. -0.00 min
 Lab File: BF082595.D
 Acq: 31 Oct 2015 2:30

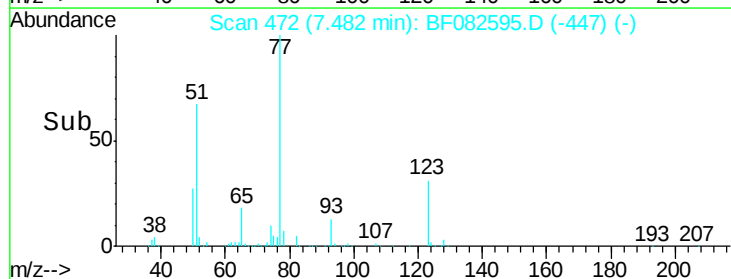
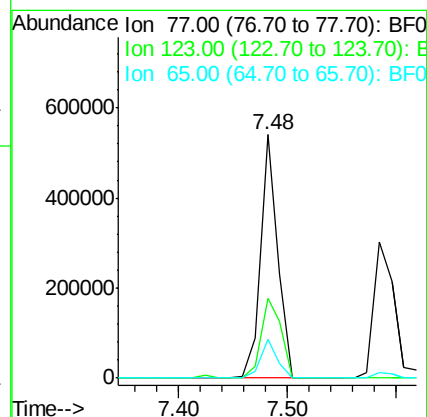
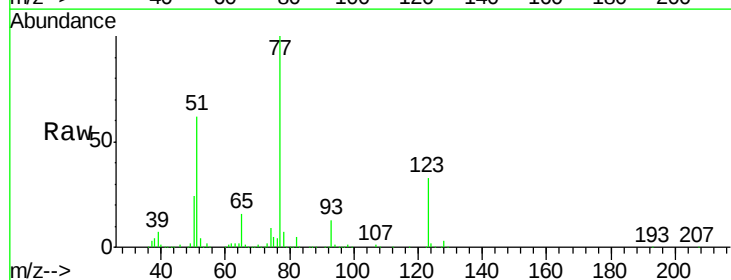
Instrument :
 BNA_F
 ClientSampleId :
 PB86203BS

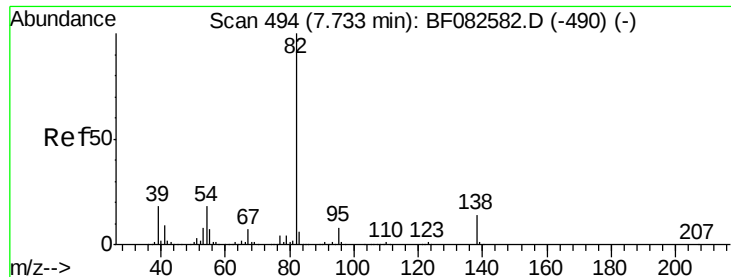
Tgt Ion: 82 Resp: 1414208
 Ion Ratio Lower Upper
 82 100
 128 36.2 26.8 40.2
 54 55.5 45.7 68.5



#24
 Nitrobenzene
 Concen: 34.90 ng
 RT: 7.48 min Scan# 472
 Delta R.T. -0.01 min
 Lab File: BF082595.D
 Acq: 31 Oct 2015 2:30

Tgt Ion: 77 Resp: 595107
 Ion Ratio Lower Upper
 77 100
 123 32.7 36.4 54.6#
 65 16.1 11.5 17.3

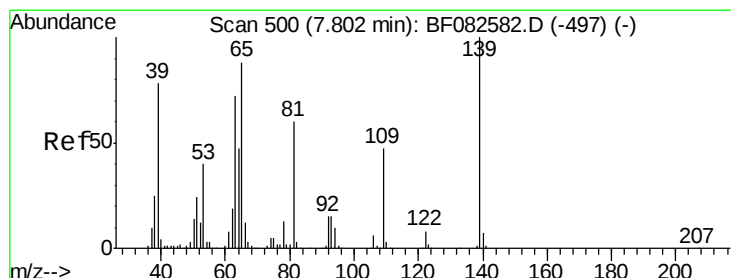
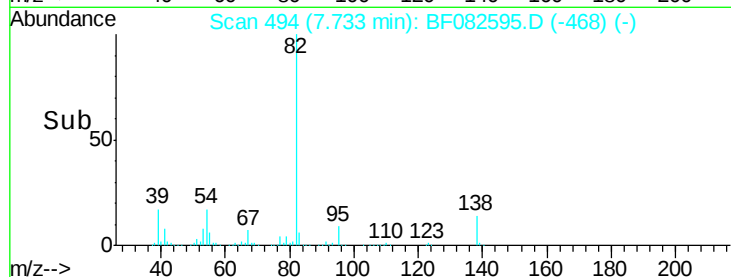
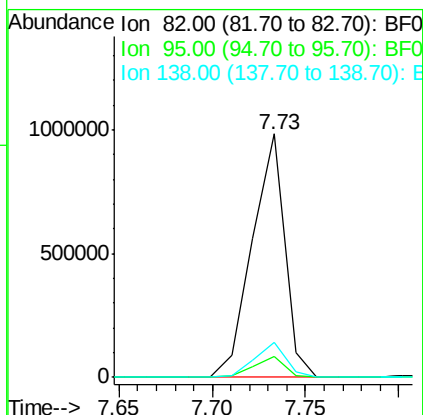
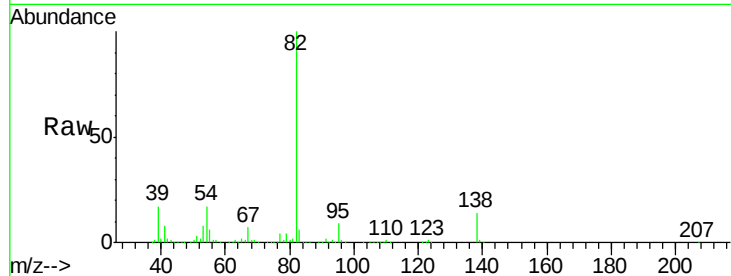




#25
Isophorone
Concen: 38.28 ng
RT: 7.73 min Scan# 494
Delta R.T. -0.00 min
Lab File: BF082595.D
Acq: 31 Oct 2015 2:30

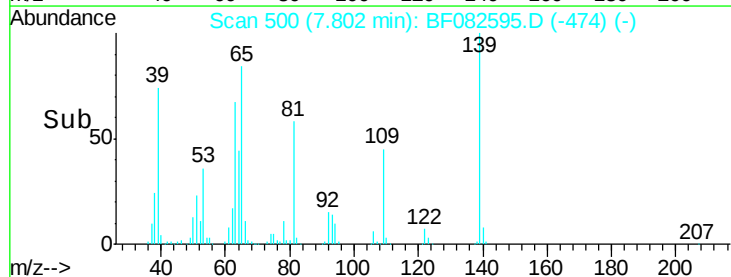
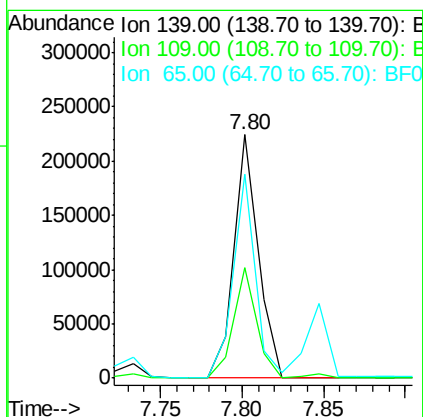
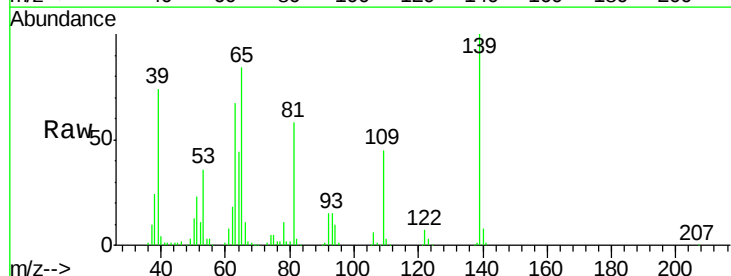
Instrument :
BNA_F
ClientSampleId :
PB86203BS

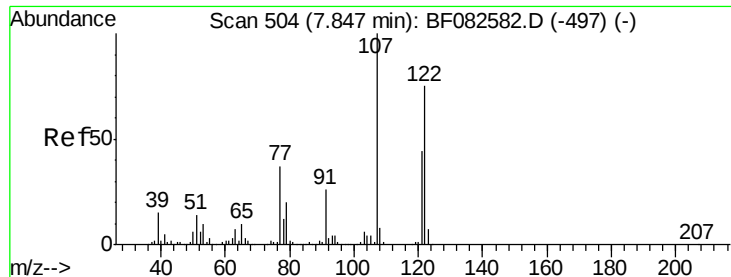
Tgt Ion: 82 Resp: 1188143
Ion Ratio Lower Upper
82 100
95 8.5 6.6 9.8
138 14.3 11.4 17.0



#26
2-Nitrophenol
Concen: 37.01 ng
RT: 7.80 min Scan# 500
Delta R.T. -0.00 min
Lab File: BF082595.D
Acq: 31 Oct 2015 2:30

Tgt Ion: 139 Resp: 230553
Ion Ratio Lower Upper
139 100
109 45.5 37.6 56.4
65 83.7 70.6 105.8

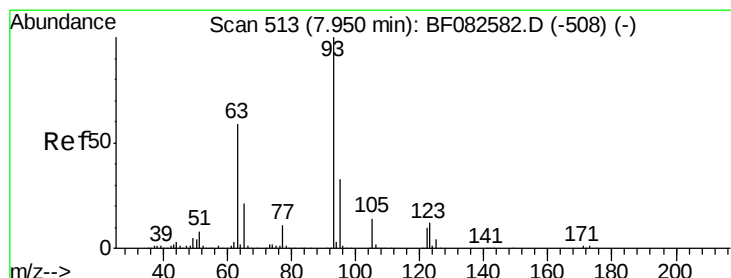
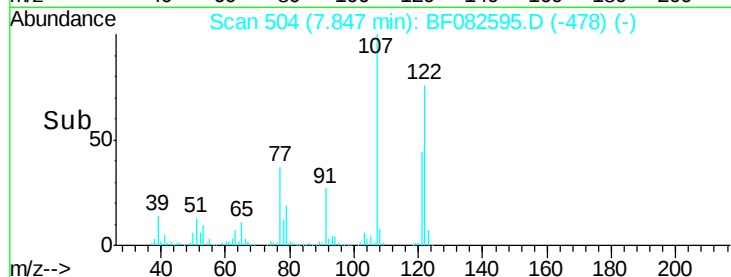
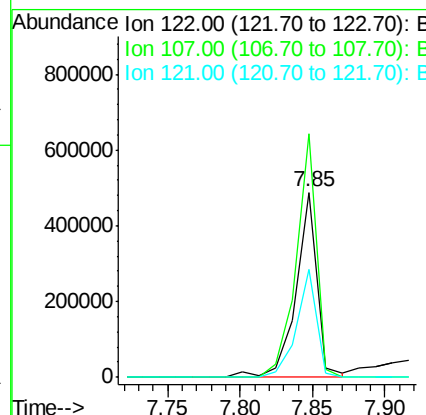
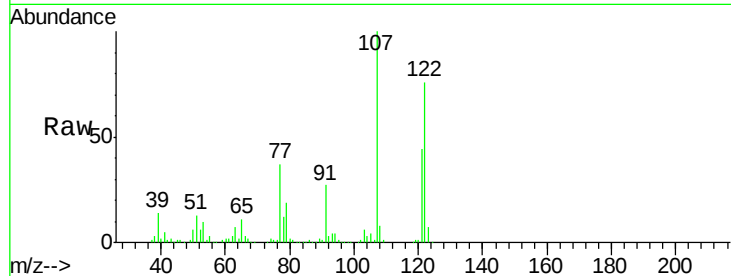




#27
 2,4-Dimethylphenol
 Concen: 40.80 ng
 RT: 7.85 min Scan# 504
 Delta R.T. -0.00 min
 Lab File: BF082595.D
 Acq: 31 Oct 2015 2:30

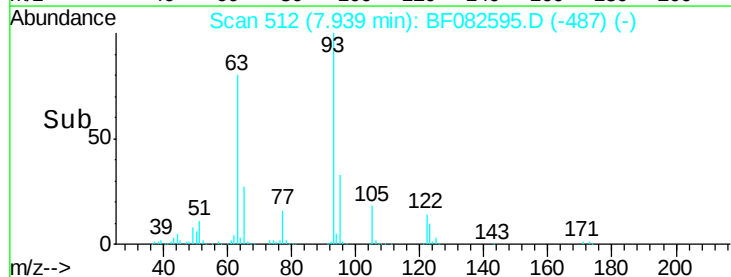
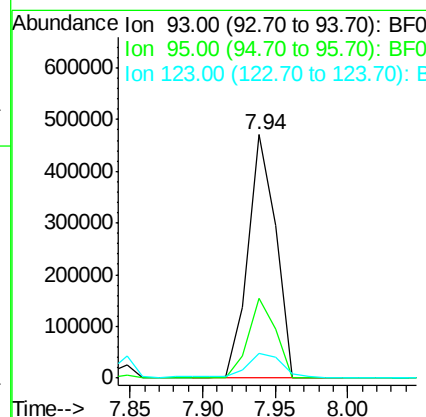
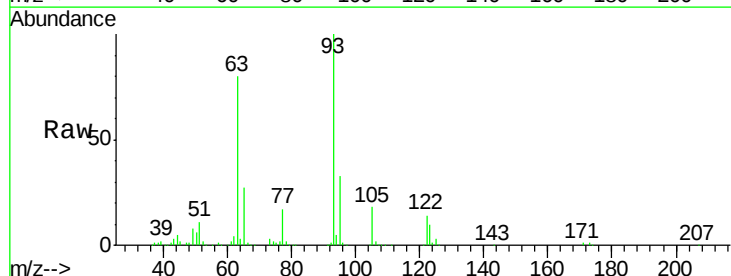
Instrument :
 BNA_F
 ClientSampleId :
 PB86203BS

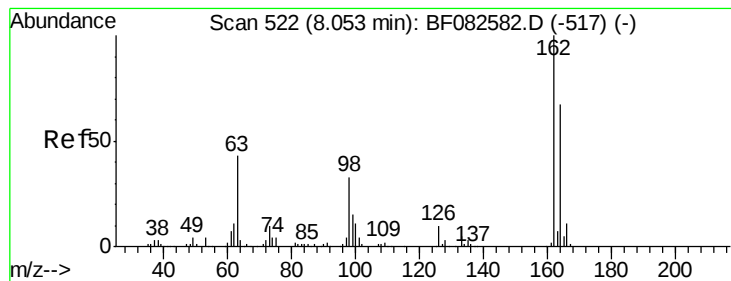
Tgt Ion:122 Resp: 496164
 Ion Ratio Lower Upper
 122 100
 107 131.4 106.0 159.0
 121 58.0 46.7 70.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.72 ng
 RT: 7.94 min Scan# 512
 Delta R.T. -0.01 min
 Lab File: BF082595.D
 Acq: 31 Oct 2015 2:30

Tgt Ion: 93 Resp: 623425
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.6 40.0
 123 10.3 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 40.28 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.00 min

Lab File: BF082595.D

Acq: 31 Oct 2015 2:30

Instrument :

BNA_F

ClientSampleId :

PB86203BS

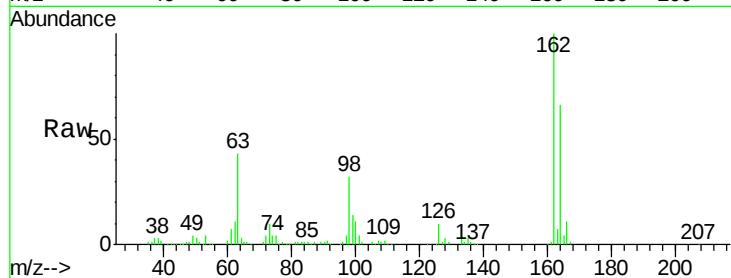
Tgt Ion:162 Resp: 446424

Ion Ratio Lower Upper

162 100

164 65.6 46.8 86.8

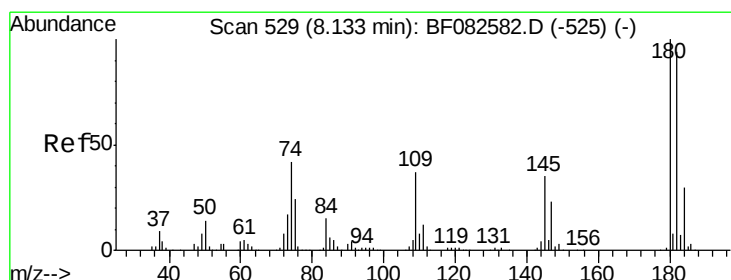
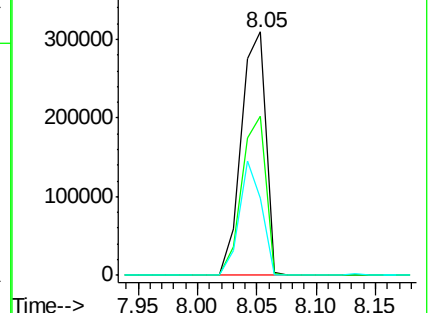
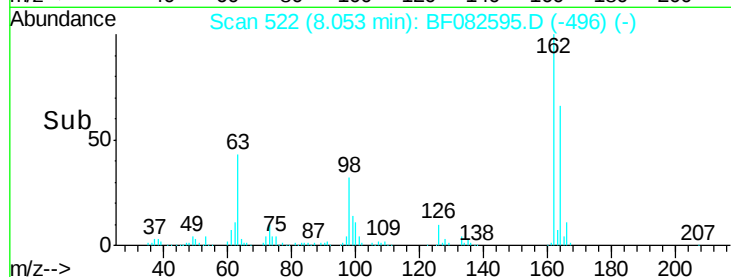
98 31.5 12.5 52.5



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: 36.77 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.00 min

Lab File: BF082595.D

Acq: 31 Oct 2015 2:30

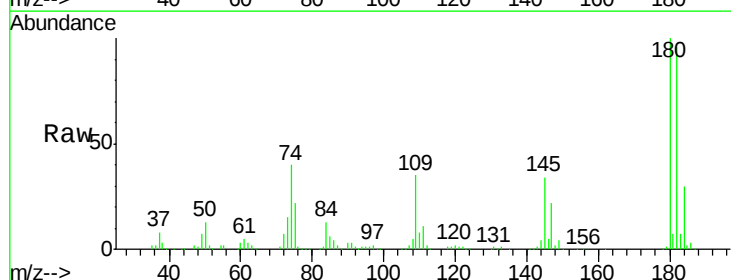
Tgt Ion:180 Resp: 452259

Ion Ratio Lower Upper

180 100

182 96.1 74.9 112.3

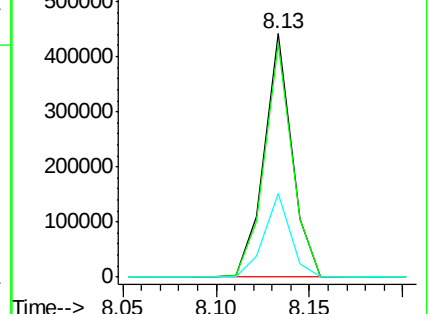
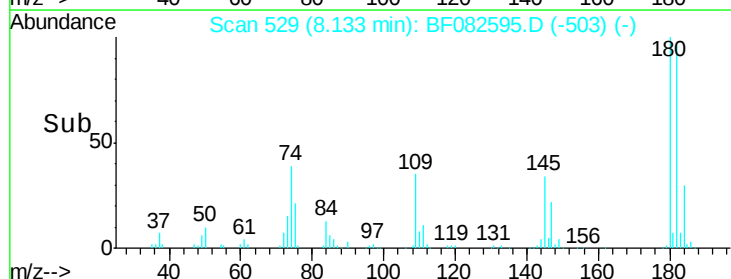
145 34.2 27.8 41.8

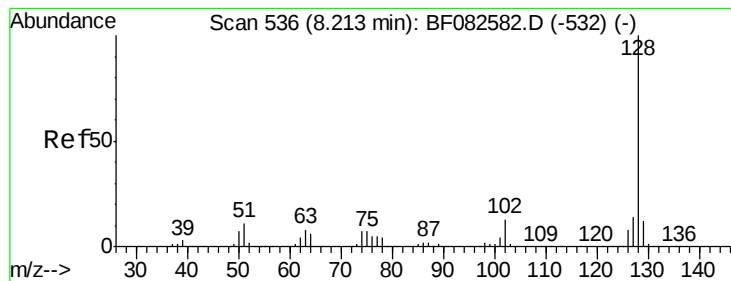


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 35.92 ng

RT: 8.21 min Scan# 536

Delta R.T. -0.00 min

Lab File: BF082595.D

Acq: 31 Oct 2015 2:30

Instrument :

BNA_F

ClientSampleId :

PB86203BS

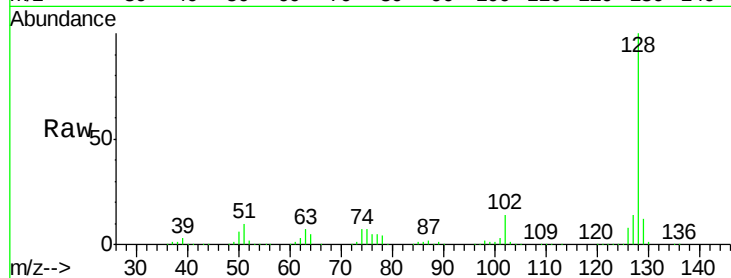
Tgt Ion:128 Resp: 1339133

Ion Ratio Lower Upper

128 100

129 11.8 9.5 14.3

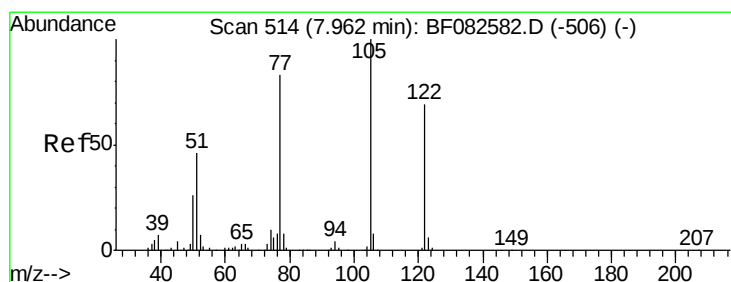
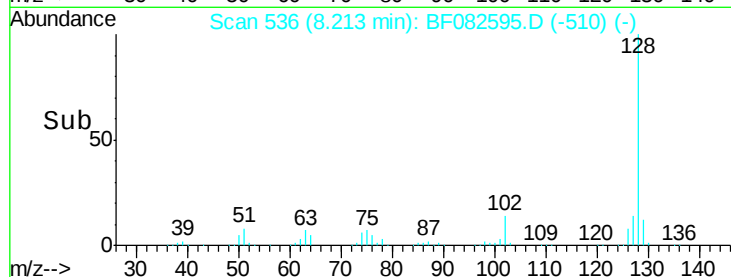
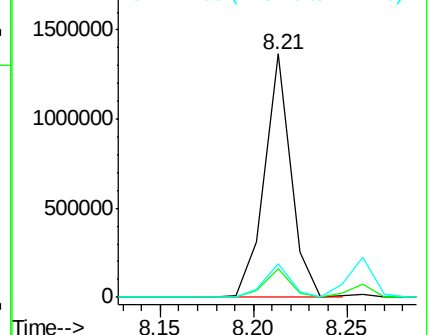
127 14.1 11.4 17.0



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: 36.35 ng

RT: 7.96 min Scan# 514

Delta R.T. 0.00 min

Lab File: BF082595.D

Acq: 31 Oct 2015 2:30

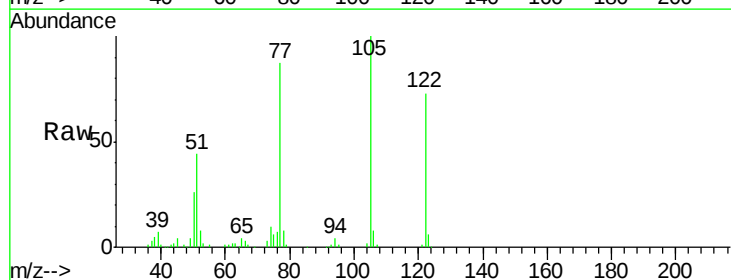
Tgt Ion:122 Resp: 320630

Ion Ratio Lower Upper

122 100

105 137.8 122.6 162.6

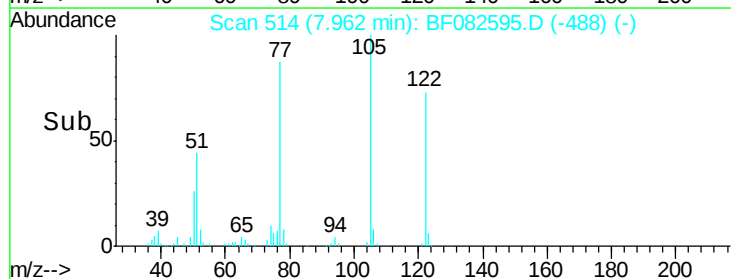
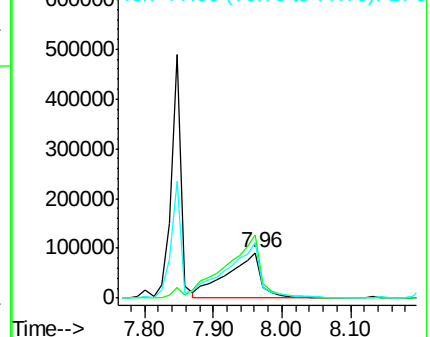
77 120.5 100.9 140.9

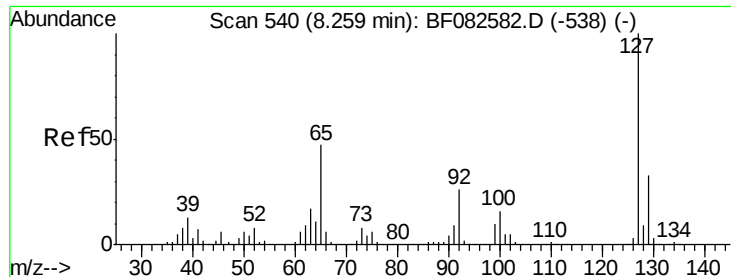


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

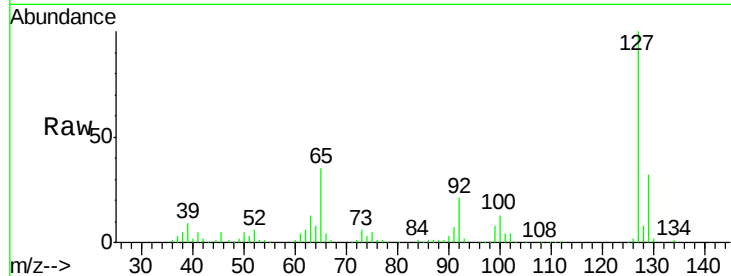




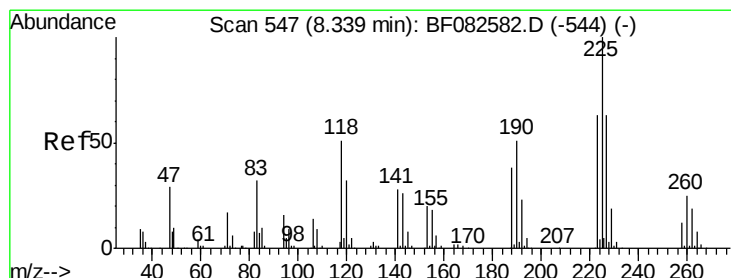
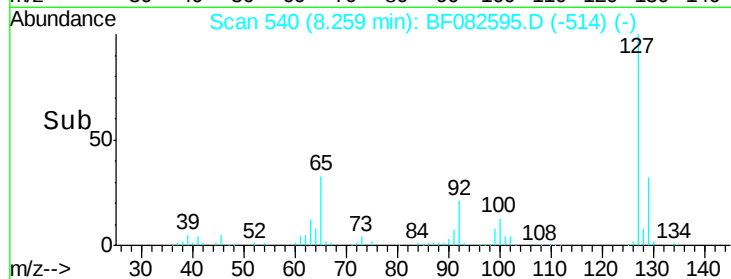
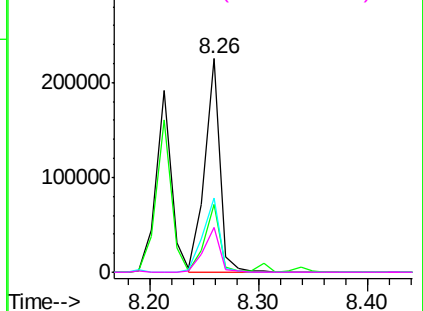
#33
4-Chloroaniline
Concen: 13.85 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF082595.D
Acq: 31 Oct 2015 2:30

Instrument :
BNA_F
ClientSampleId :
PB86203BS

Tgt Ion:	127	Resp:	220436
Ion Ratio		Lower	Upper
127	100		
129	31.6	26.3	39.5
65	34.8	37.8	56.8#
92	21.1	20.6	31.0

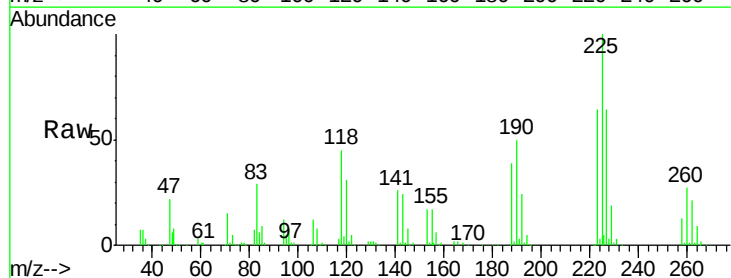


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

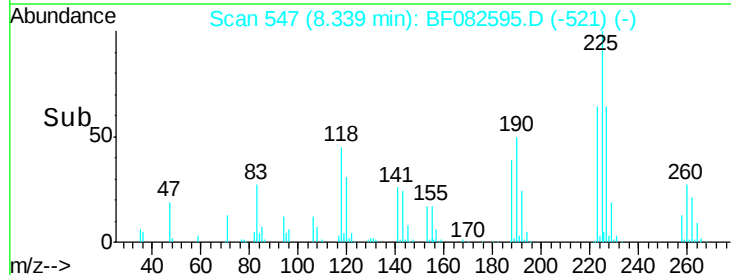
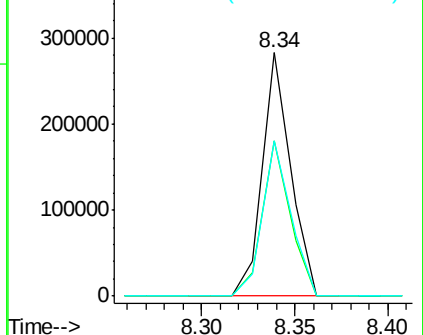


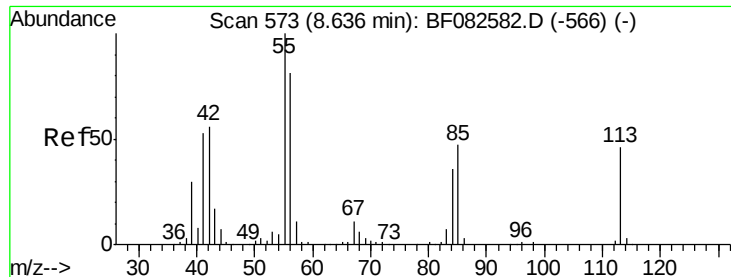
#34
Hexachlorobutadiene
Concen: 37.80 ng
RT: 8.34 min Scan# 547
Delta R.T. -0.00 min
Lab File: BF082595.D
Acq: 31 Oct 2015 2:30

Tgt Ion:	225	Resp:	295720
Ion Ratio		Lower	Upper
225	100		
223	64.0	50.5	75.7
227	64.0	50.2	75.2



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

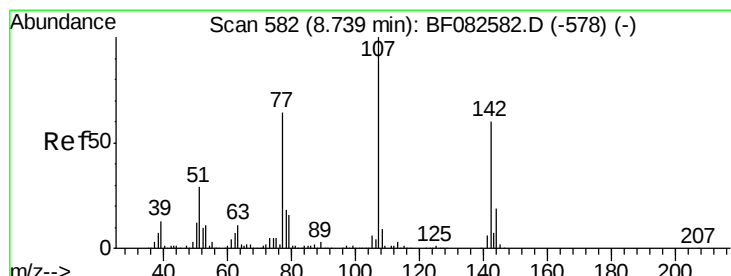
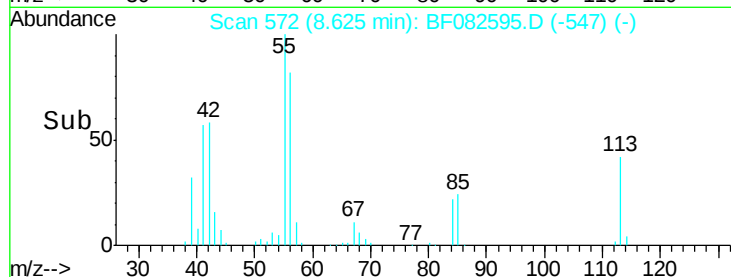
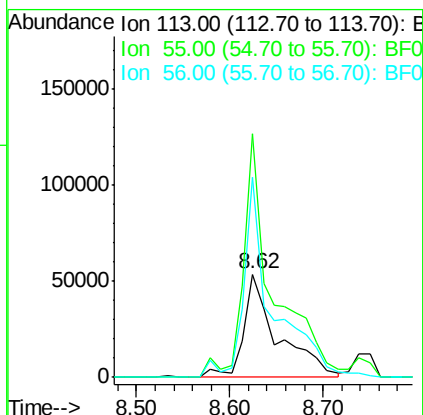
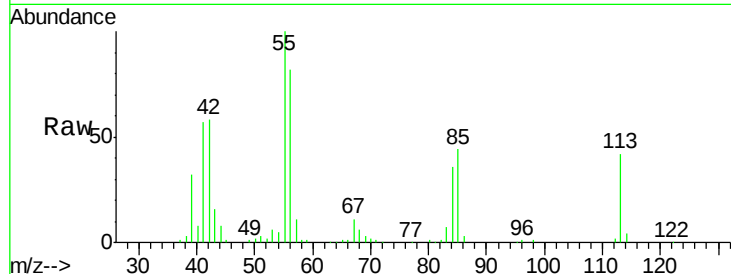




#35
 Caprolactam
 Concen: 40.14 ng
 RT: 8.62 min Scan# 572
 Delta R.T. -0.01 min
 Lab File: BF082595.D
 Acq: 31 Oct 2015 2:30

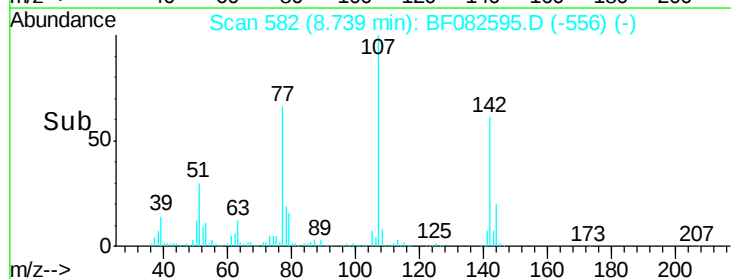
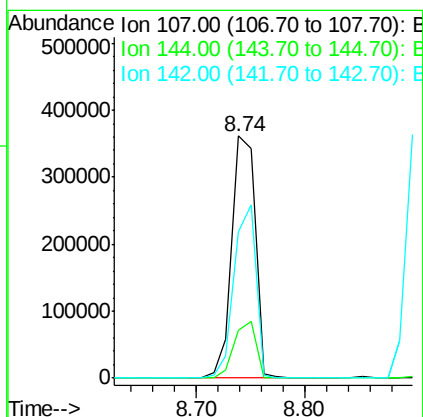
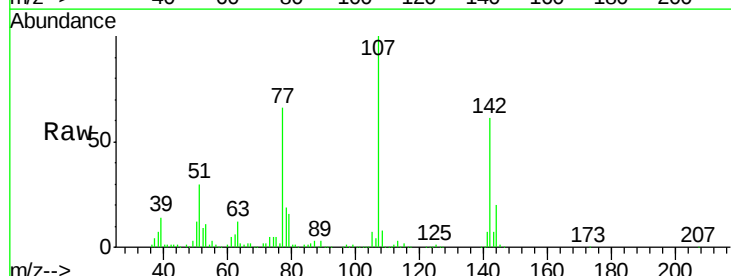
Instrument :
 BNA_F
 ClientSampleId :
 PB86203BS

Tgt Ion:113 Resp: 136513
 Ion Ratio Lower Upper
 113 100
 55 236.0 195.5 235.5#
 56 193.6 153.5 193.5#



#36
 4-Chloro-3-methylphenol
 Concen: 41.17 ng
 RT: 8.74 min Scan# 582
 Delta R.T. -0.00 min
 Lab File: BF082595.D
 Acq: 31 Oct 2015 2:30

Tgt Ion:107 Resp: 537348
 Ion Ratio Lower Upper
 107 100
 144 19.5 15.4 23.0
 142 60.6 47.8 71.8

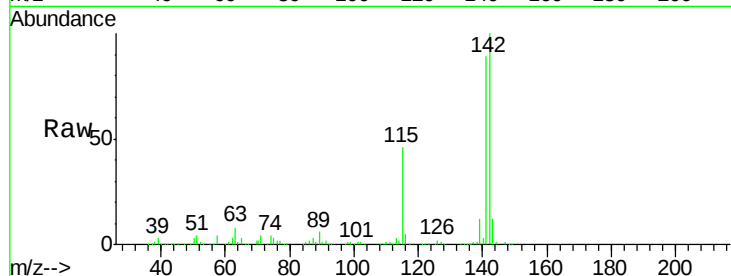




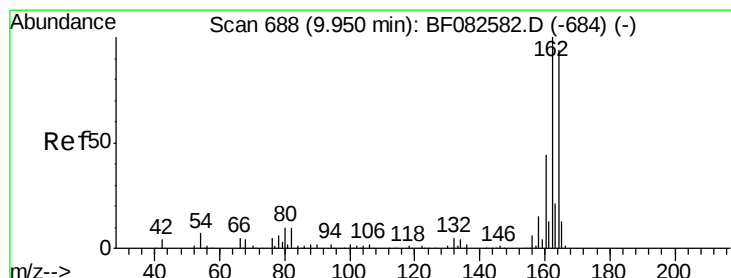
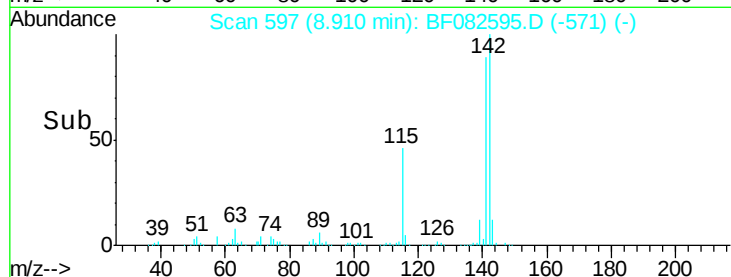
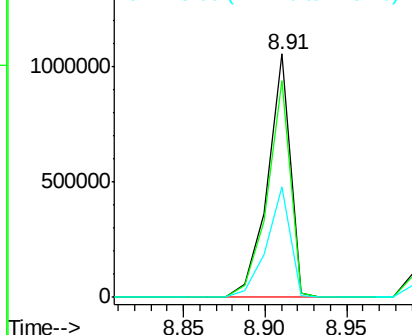
#37
 2-Methylnaphthalene
 Concen: 42.46 ng
 RT: 8.91 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: BF082595.D
 Acq: 31 Oct 2015 2:30

Instrument :
 BNA_F
 ClientSampleId :
 PB86203BS

Tgt Ion:142 Resp: 1025887
 Ion Ratio Lower Upper
 142 100
 141 88.9 72.3 108.5
 115 45.6 38.1 57.1

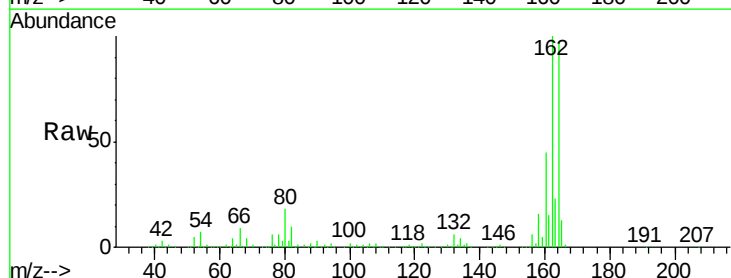


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

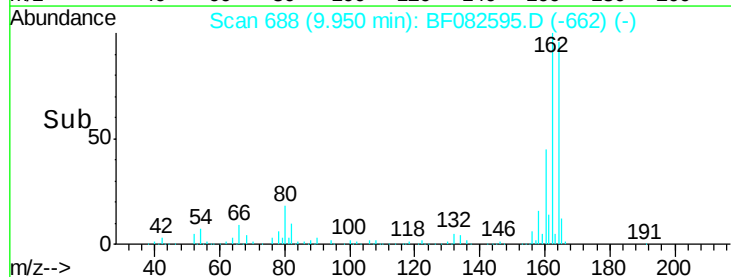
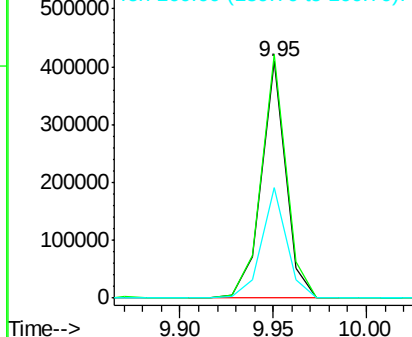


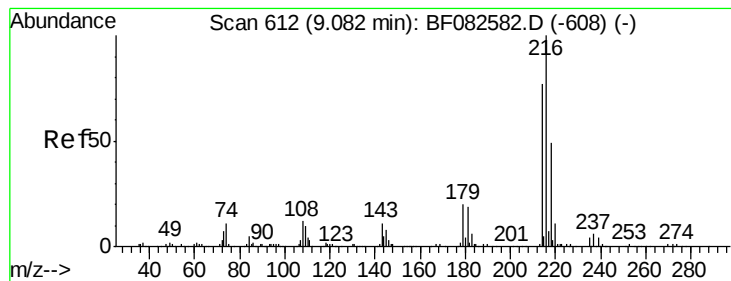
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.95 min Scan# 688
 Delta R.T. -0.00 min
 Lab File: BF082595.D
 Acq: 31 Oct 2015 2:30

Tgt Ion:164 Resp: 368855
 Ion Ratio Lower Upper
 164 100
 162 102.7 84.9 127.3
 160 46.4 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: 38.40 ng

RT: 9.08 min Scan# 612

Delta R.T. -0.00 min

Lab File: BF082595.D

Acq: 31 Oct 2015 2:30

Instrument :

BNA_F

ClientSampleId :

PB86203BS

Tgt Ion:216 Resp: 472685

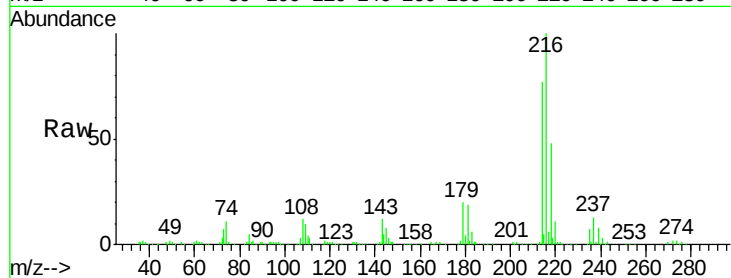
Ion Ratio Lower Upper

216 100

214 77.8 62.2 93.2

179 22.8 18.1 27.1

108 25.3 16.6 25.0#

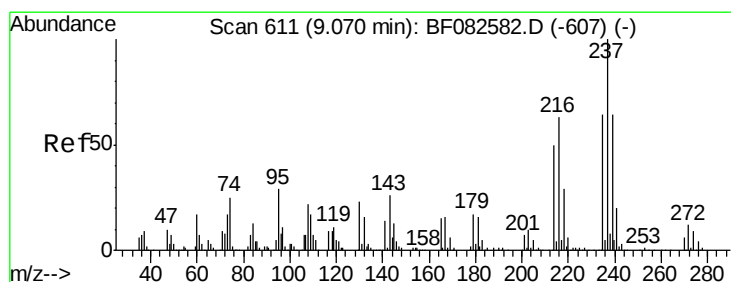
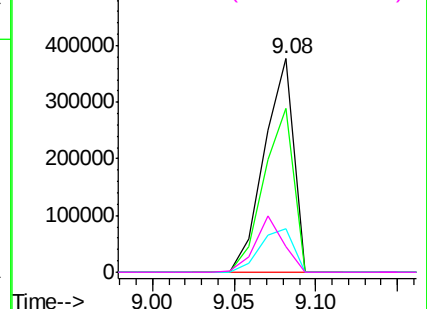
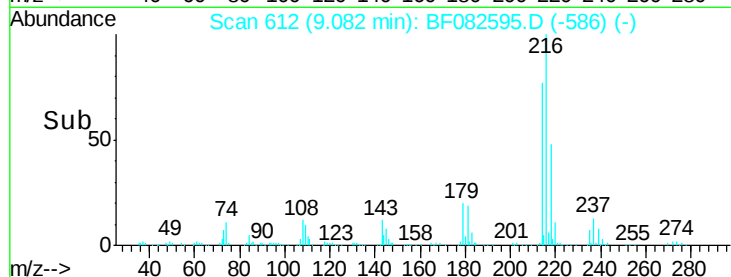


Abundance Ion 216.00 (215.70 to 216.70): E

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: 84.22 ng

RT: 9.07 min Scan# 611

Delta R.T. -0.00 min

Lab File: BF082595.D

Acq: 31 Oct 2015 2:30

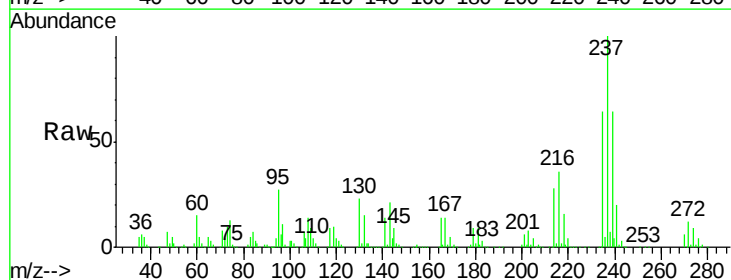
Tgt Ion:237 Resp: 651653

Ion Ratio Lower Upper

237 100

235 64.1 44.3 84.3

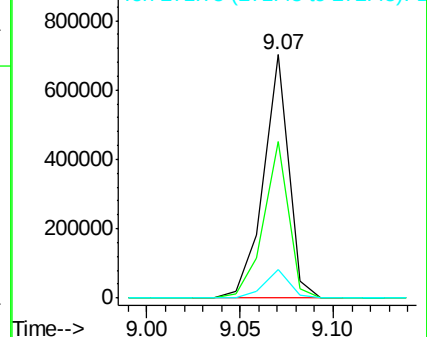
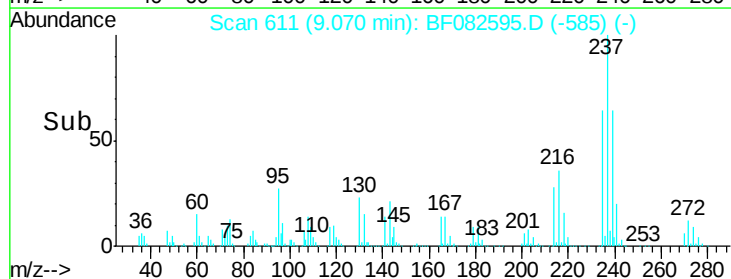
272 11.5 0.0 31.9

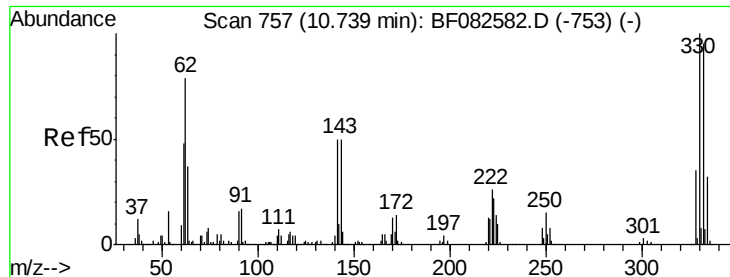


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

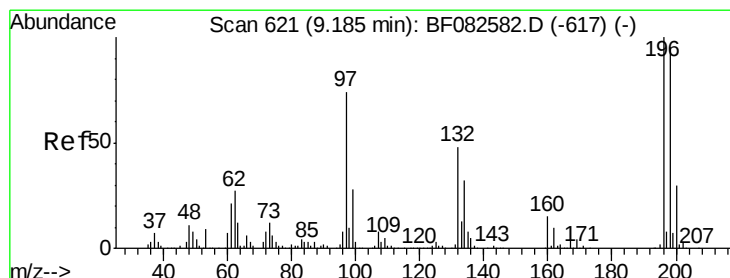
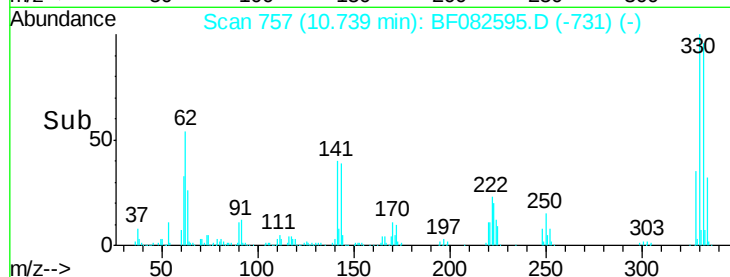
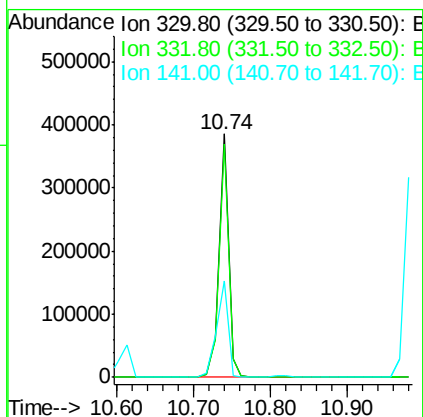
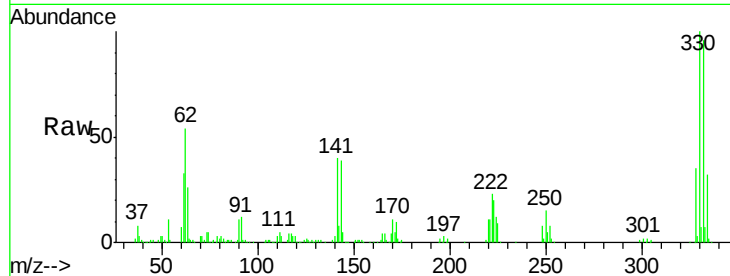




#41
 2,4,6-Tribromophenol
 Concen: 83.28 ng
 RT: 10.74 min Scan# 757
 Delta R.T. -0.00 min
 Lab File: BF082595.D
 Acq: 31 Oct 2015 2:30

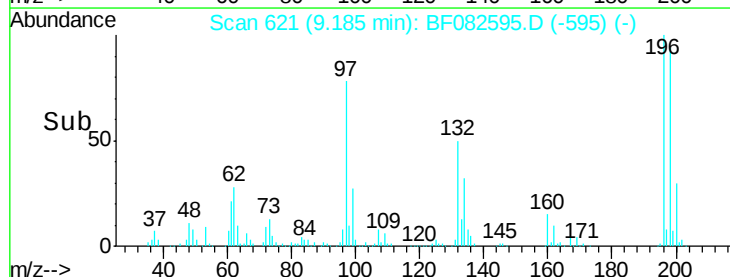
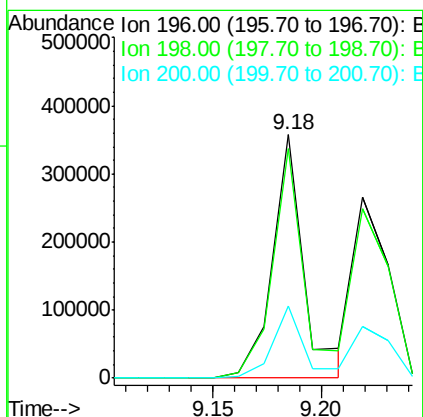
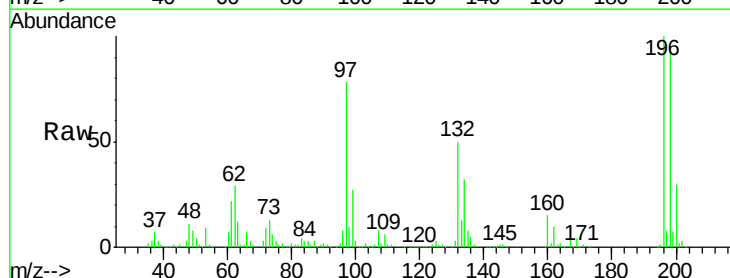
Instrument :
 BNA_F
 ClientSampleId :
 PB86203BS

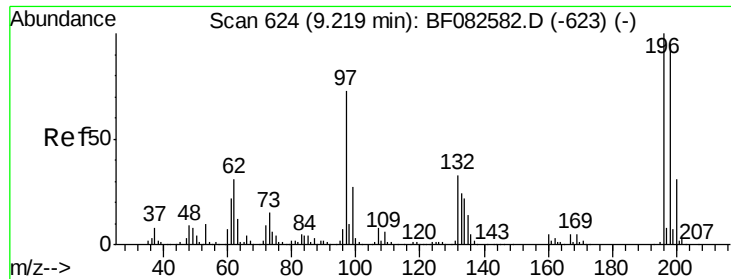
Tgt Ion: 330 Resp: 336176
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.6 114.8
 141 46.9 41.2 61.8



#42
 2,4,6-Trichlorophenol
 Concen: 40.74 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.00 min
 Lab File: BF082595.D
 Acq: 31 Oct 2015 2:30

Tgt Ion: 196 Resp: 362065
 Ion Ratio Lower Upper
 196 100
 198 94.4 76.3 114.5
 200 29.8 23.9 35.9

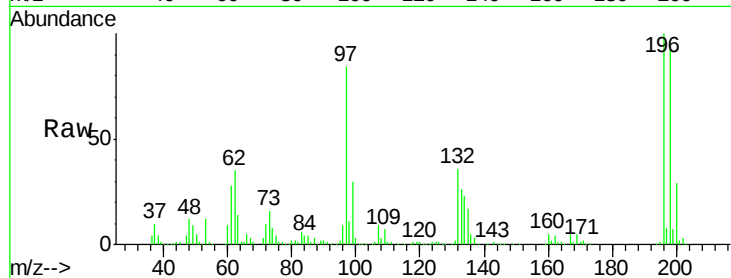




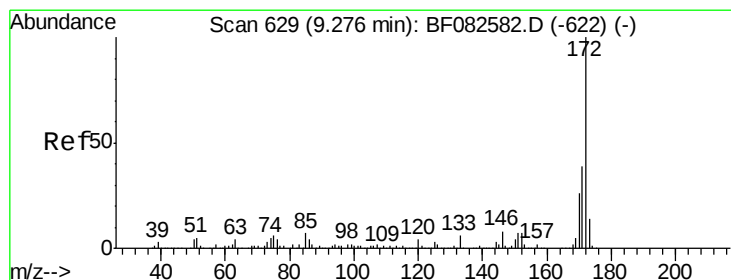
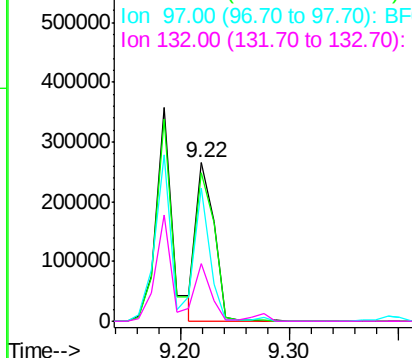
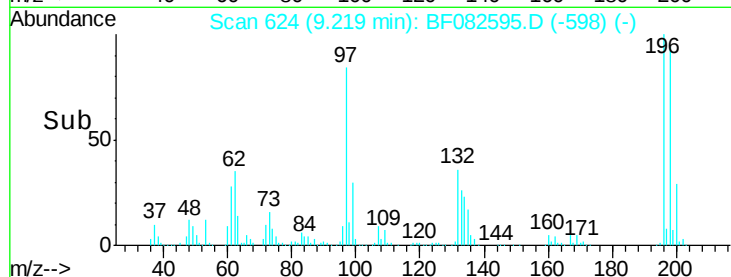
#43
 2,4,5-Trichlorophenol
 Concen: 34.41 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF082595.D
 Acq: 31 Oct 2015 2:30

Instrument :
 BNA_F
 ClientSampleId :
 PB86203BS

Tgt Ion:196 Resp: 304697
 Ion Ratio Lower Upper
 196 100
 198 93.6 75.8 113.8
 97 84.3 62.3 93.5
 132 36.0 27.4 41.2

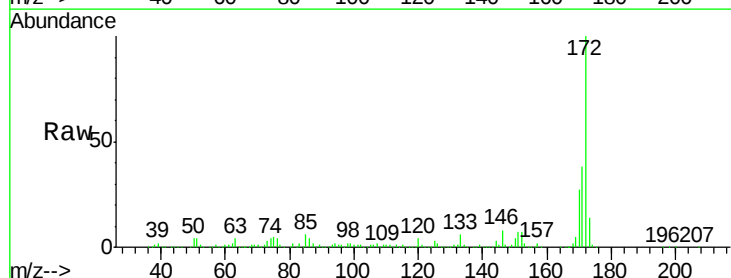


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

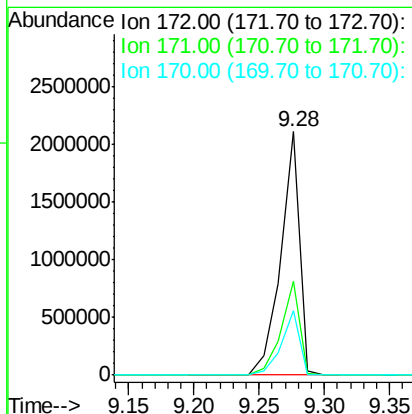
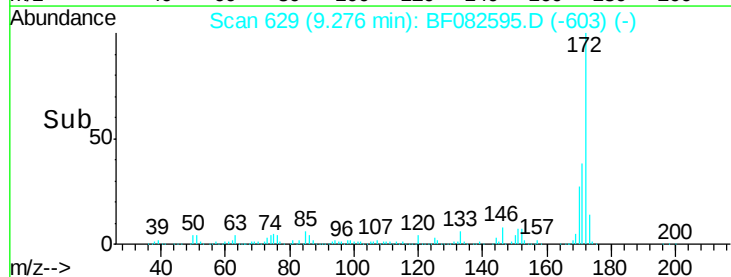


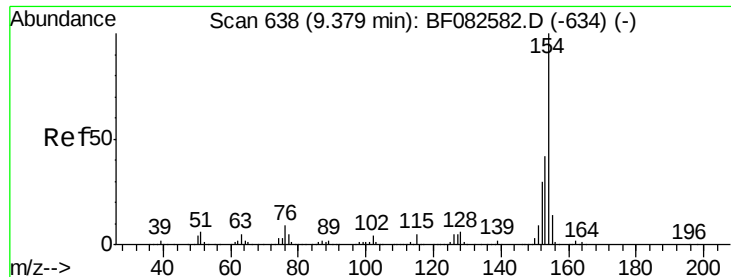
#44
 2-Fluorobiphenyl
 Concen: 82.15 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.00 min
 Lab File: BF082595.D
 Acq: 31 Oct 2015 2:30

Tgt Ion:172 Resp: 2134123
 Ion Ratio Lower Upper
 172 100
 171 38.3 30.8 46.2
 170 26.5 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

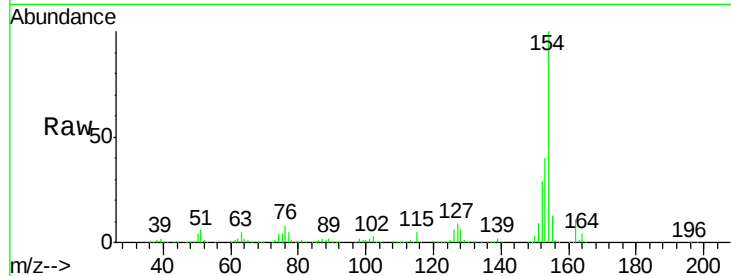




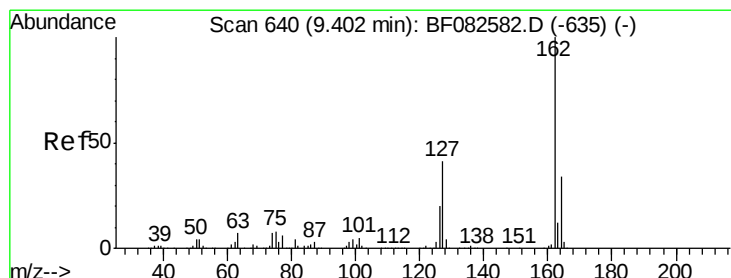
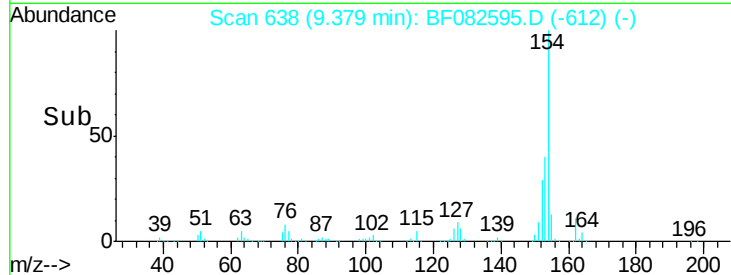
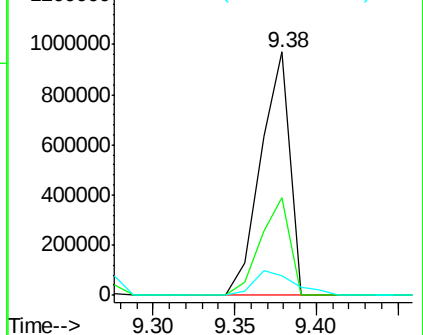
#45
 1,1'-Biphenyl
 Concen: 38.21 ng
 RT: 9.38 min Scan# 638
 Delta R.T. -0.00 min
 Lab File: BF082595.D
 Acq: 31 Oct 2015 2:30

Instrument :
 BNA_F
 ClientSampleId :
 PB86203BS

Tgt Ion:154 Resp: 1190471
 Ion Ratio Lower Upper
 154 100
 153 40.0 22.0 62.0
 76 8.2 0.0 29.0

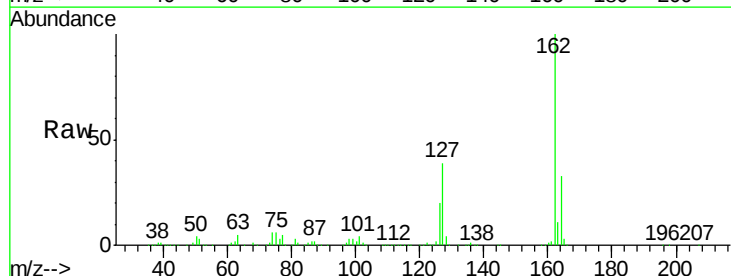


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

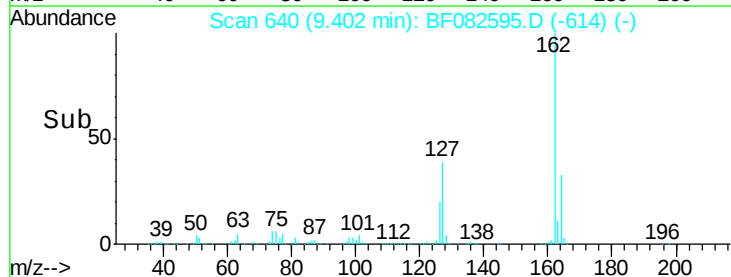
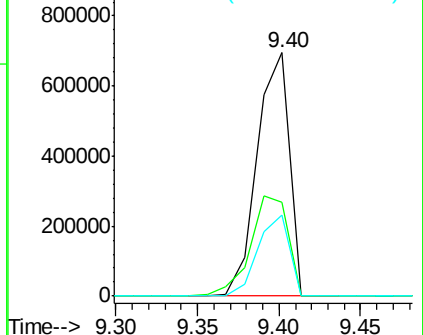


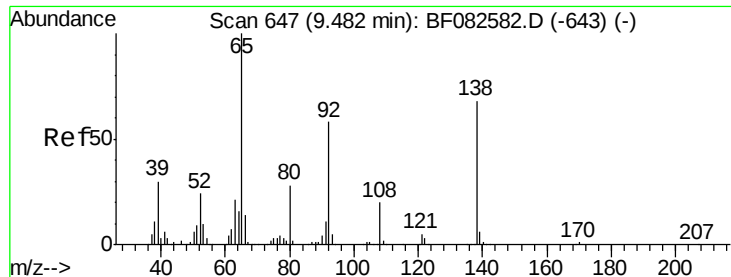
#46
 2-Chloronaphthalene
 Concen: 39.07 ng
 RT: 9.40 min Scan# 640
 Delta R.T. -0.00 min
 Lab File: BF082595.D
 Acq: 31 Oct 2015 2:30

Tgt Ion:162 Resp: 950548
 Ion Ratio Lower Upper
 162 100
 127 38.6 32.7 49.1
 164 33.2 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

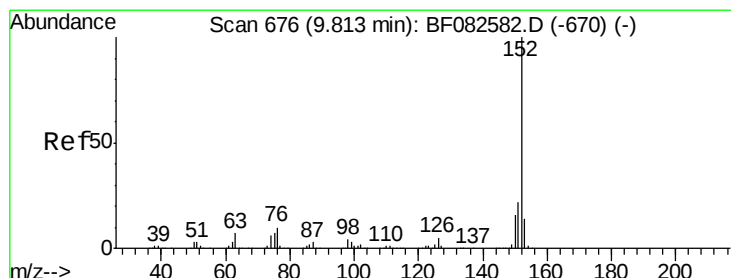
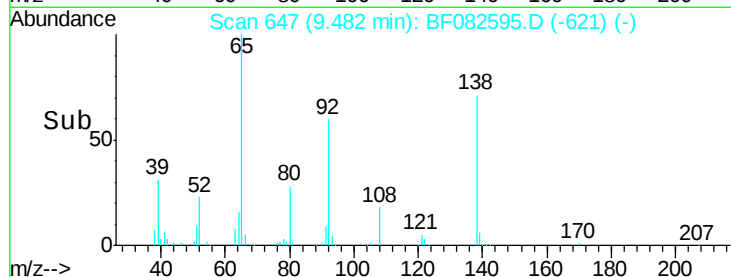
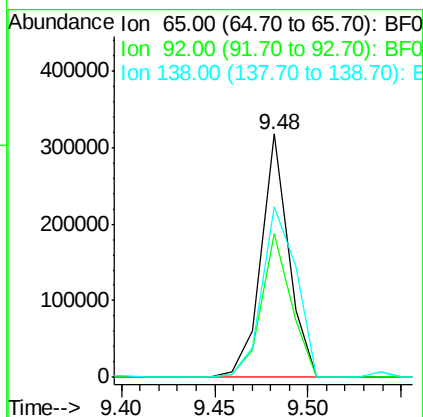
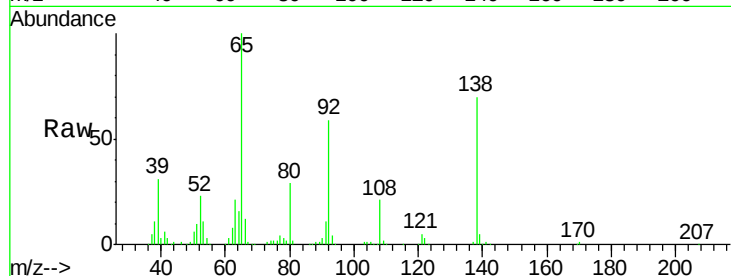




#47
2-Nitroaniline
Concen: 34.33 ng
RT: 9.48 min Scan# 647
Delta R.T. -0.00 min
Lab File: BF082595.D
Acq: 31 Oct 2015 2:30

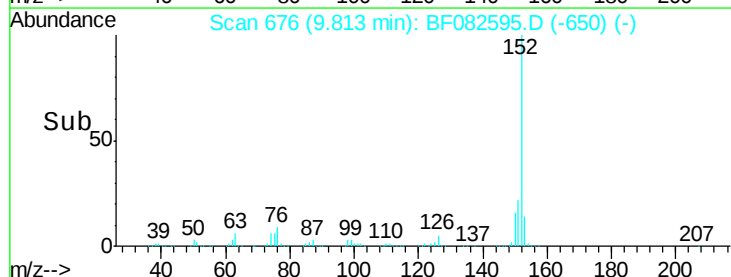
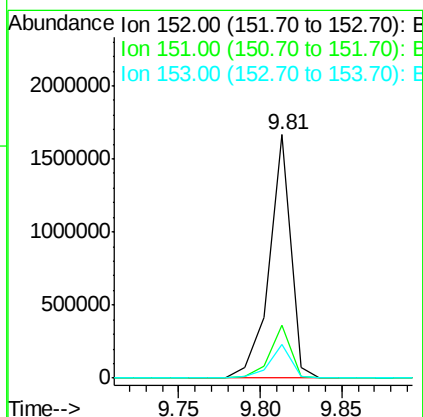
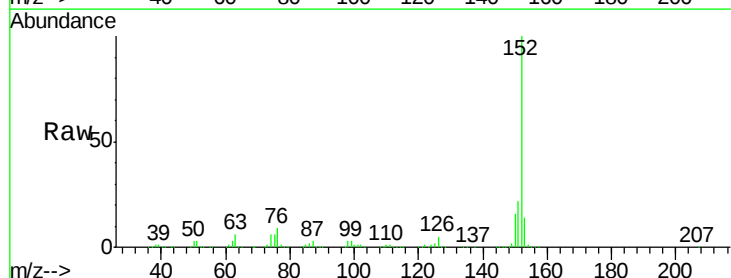
Instrument :
BNA_F
ClientSampleId :
PB86203BS

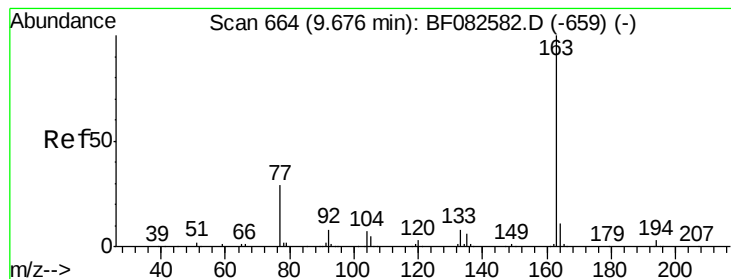
Tgt Ion: 65 Resp: 324623
Ion Ratio Lower Upper
65 100
92 58.8 46.6 70.0
138 70.0 54.6 81.8



#48
Acenaphthylene
Concen: 39.22 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.00 min
Lab File: BF082595.D
Acq: 31 Oct 2015 2:30

Tgt Ion: 152 Resp: 1526065
Ion Ratio Lower Upper
152 100
151 21.8 17.3 25.9
153 14.0 11.3 16.9





#49

Dimethylphthalate

Concen: 38.35 ng

RT: 9.68 min Scan# 664

Delta R.T. -0.00 min

Lab File: BF082595.D

Acq: 31 Oct 2015 2:30

Instrument :

BNA_F

ClientSampleId :

PB86203BS

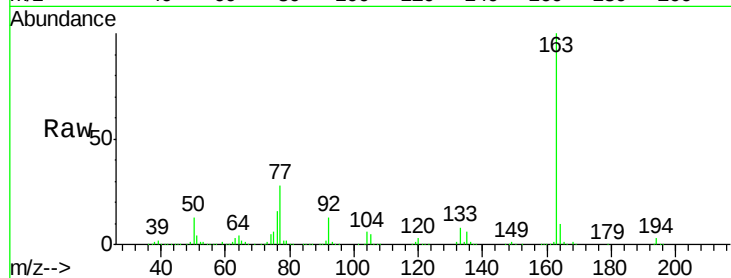
Tgt Ion:163 Resp: 1155301

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

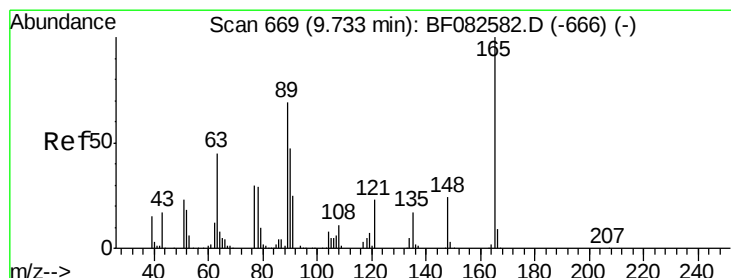
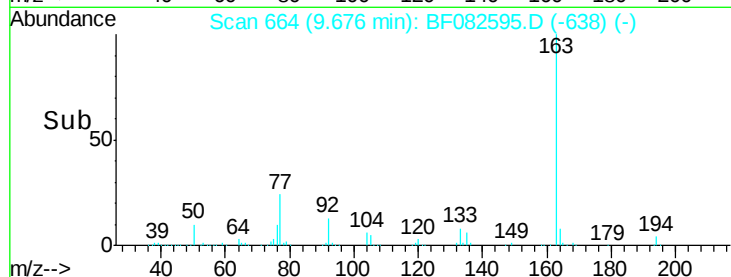
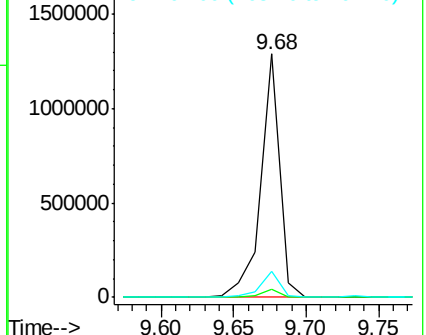
164 10.4 8.7 13.1



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: 43.05 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.00 min

Lab File: BF082595.D

Acq: 31 Oct 2015 2:30

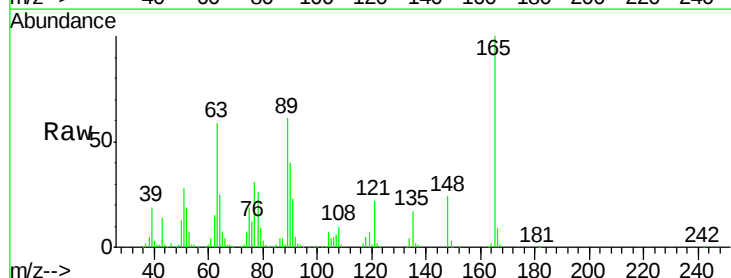
Tgt Ion:165 Resp: 268825

Ion Ratio Lower Upper

165 100

63 58.7 55.5 83.3

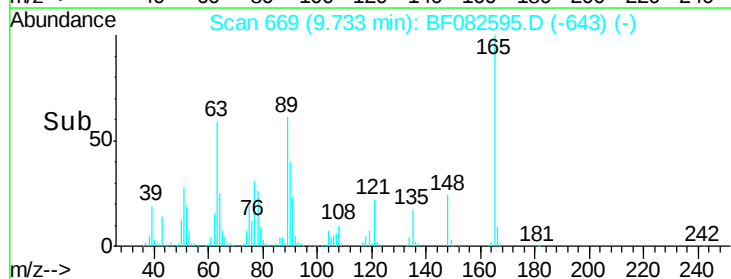
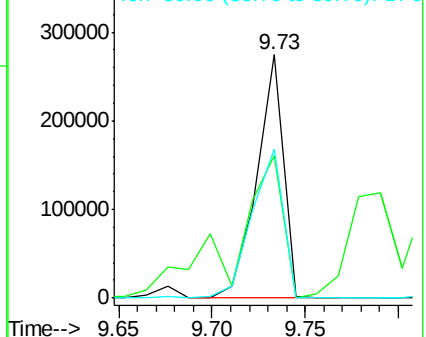
89 61.1 55.0 82.6

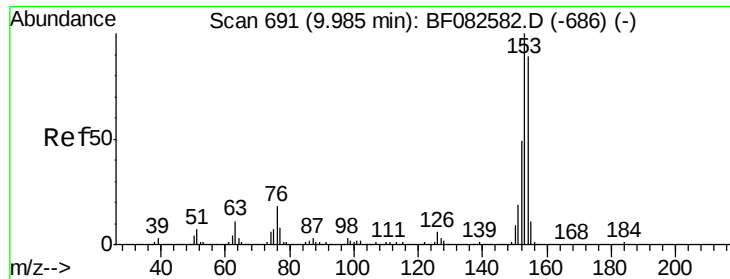


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 42.00 ng

RT: 9.98 min Scan# 691

Delta R.T. -0.00 min

Lab File: BF082595.D

Acq: 31 Oct 2015 2:30

Instrument :

BNA_F

ClientSampleId :

PB86203BS

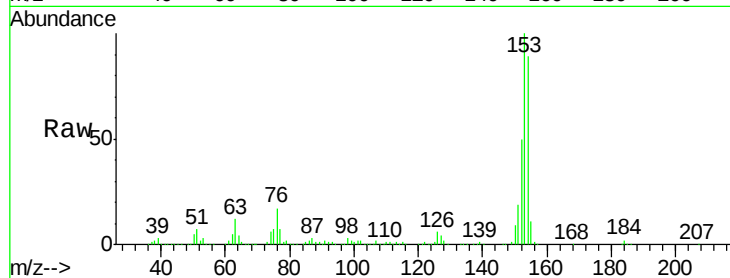
Tgt Ion:154 Resp: 1037410

Ion Ratio Lower Upper

154 100

153 111.8 90.1 135.1

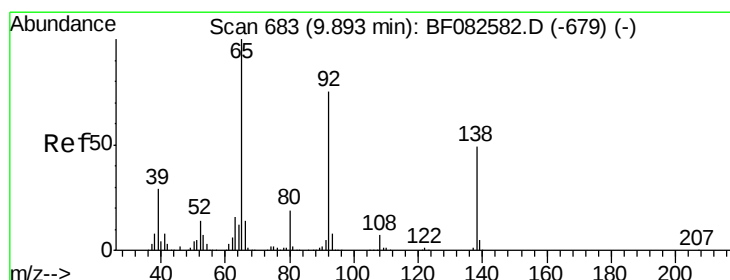
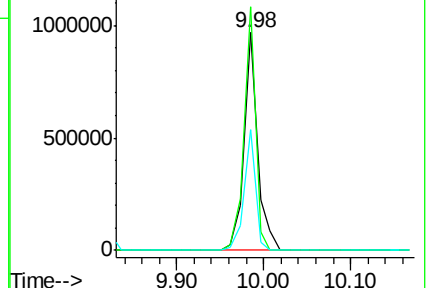
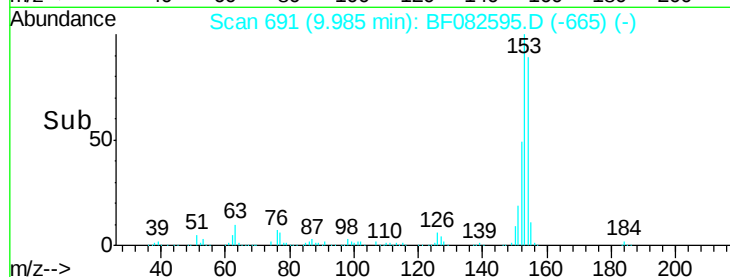
152 55.6 44.3 66.5



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: 20.27 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF082595.D

Acq: 31 Oct 2015 2:30

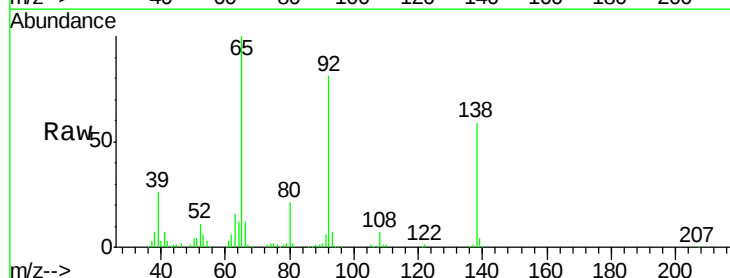
Tgt Ion:138 Resp: 140788

Ion Ratio Lower Upper

138 100

108 12.2 11.3 16.9

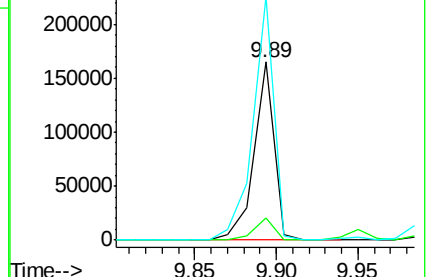
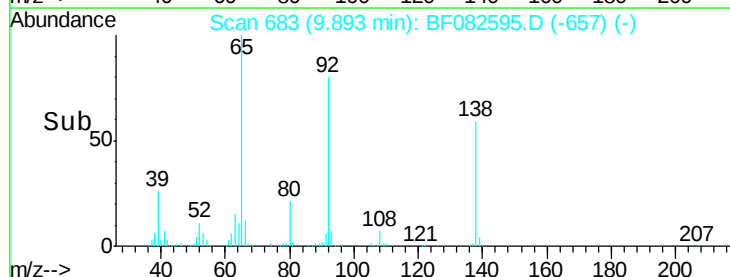
92 136.7 122.4 183.6

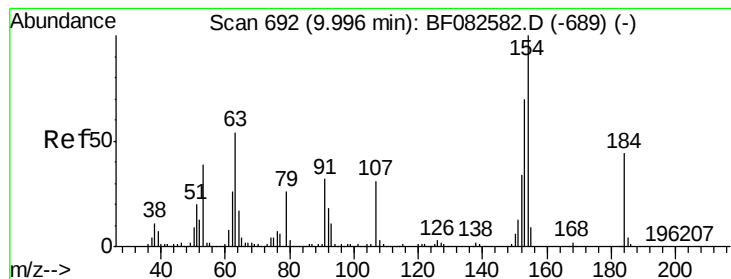


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 72.28 ng

RT: 10.00 min Scan# 692

Delta R.T. 0.00 min

Lab File: BF082595.D

Acq: 31 Oct 2015 2:30

Instrument :

BNA_F

ClientSampleId :

PB86203BS

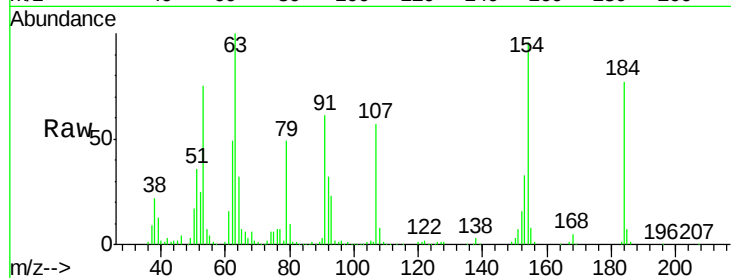
Tgt Ion:184 Resp: 238080

Ion Ratio Lower Upper

184 100

63 129.3 98.6 148.0

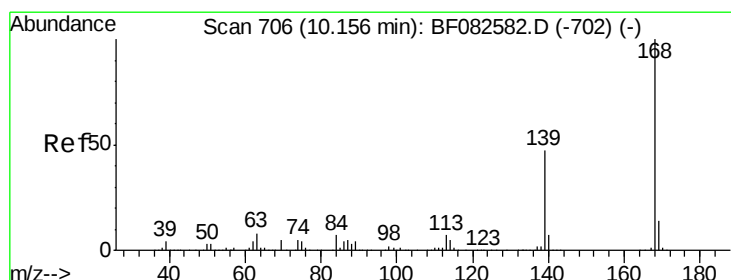
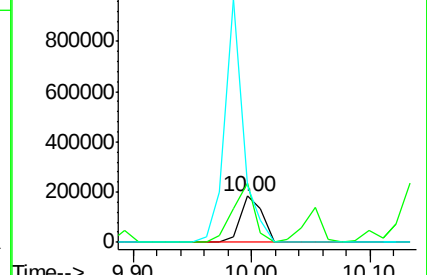
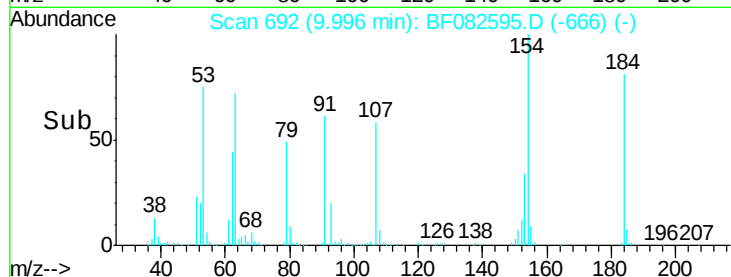
154 123.9 183.9 275.9#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 37.57 ng

RT: 10.16 min Scan# 706

Delta R.T. -0.00 min

Lab File: BF082595.D

Acq: 31 Oct 2015 2:30

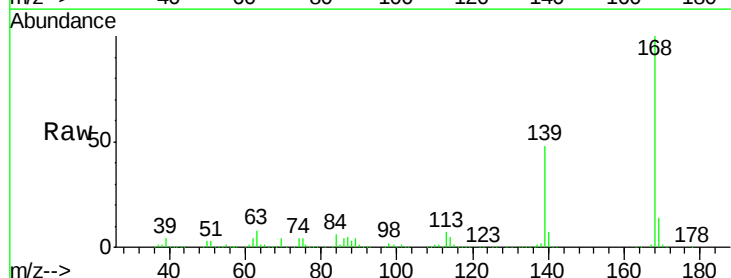
Tgt Ion:168 Resp: 1259412

Ion Ratio Lower Upper

168 100

139 47.8 37.8 56.6

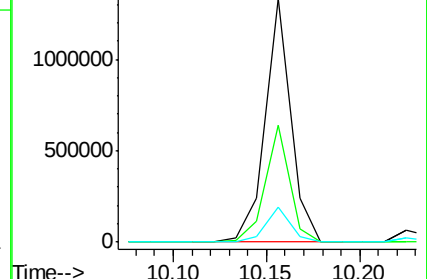
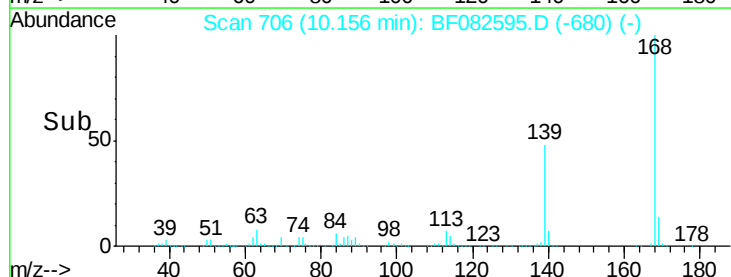
169 14.1 11.3 16.9

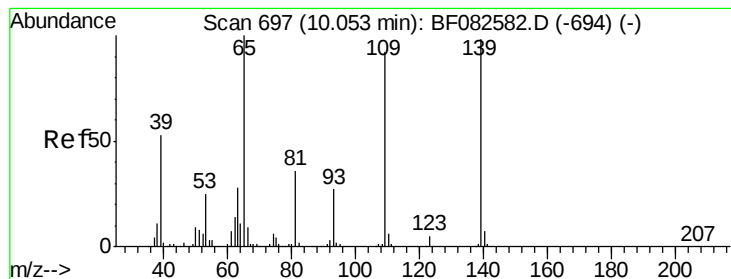


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 71.03 ng

RT: 10.05 min Scan# 697

Delta R.T. -0.00 min

Lab File: BF082595.D

Acq: 31 Oct 2015 2:30

Instrument :

BNA_F

ClientSampleId :

PB86203BS

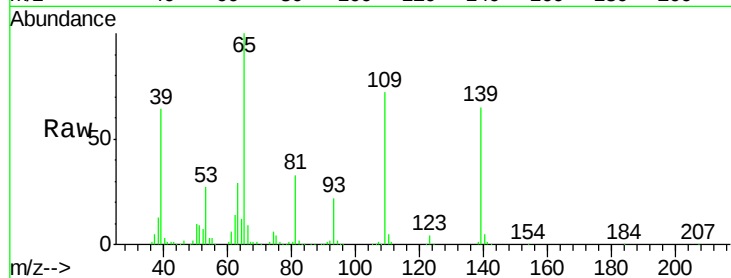
Tgt Ion:139 Resp: 371243

Ion Ratio Lower Upper

139 100

109 110.8 73.7 113.7

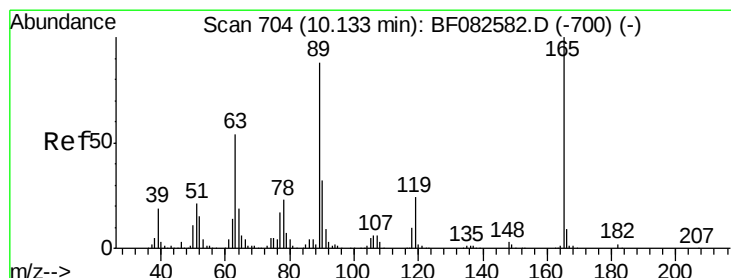
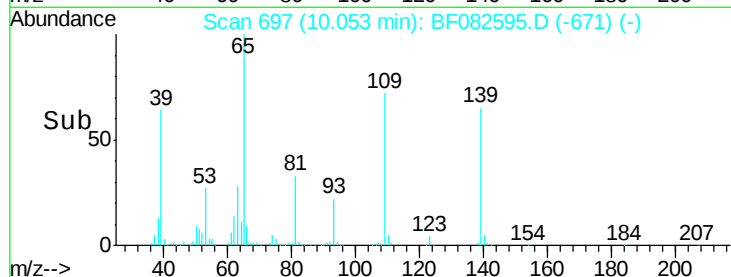
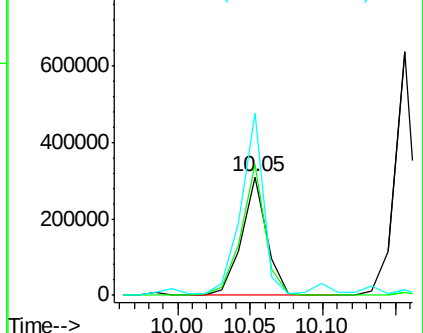
65 153.6 82.9 122.9#



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: 39.76 ng

RT: 10.13 min Scan# 704

Delta R.T. -0.00 min

Lab File: BF082595.D

Acq: 31 Oct 2015 2:30

Tgt Ion:165 Resp: 335723

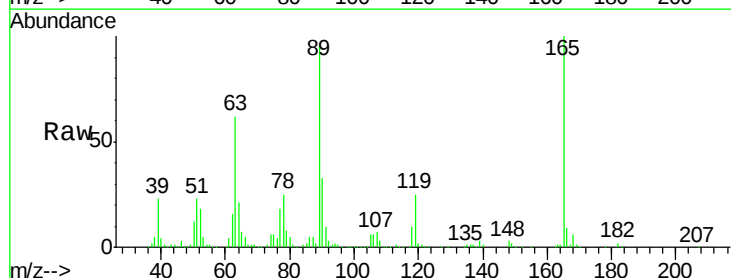
Ion Ratio Lower Upper

165 100

63 62.2 43.4 65.0

89 94.6 70.6 106.0

182 1.9 1.5 2.3

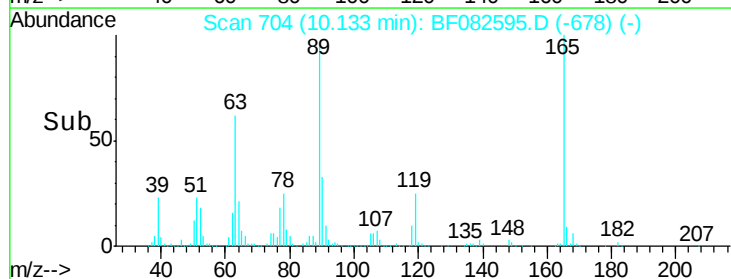
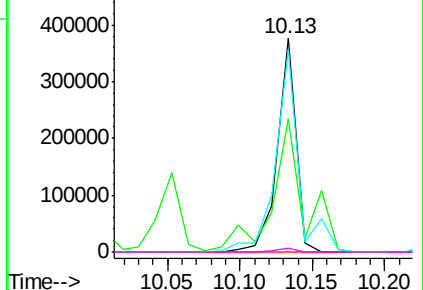


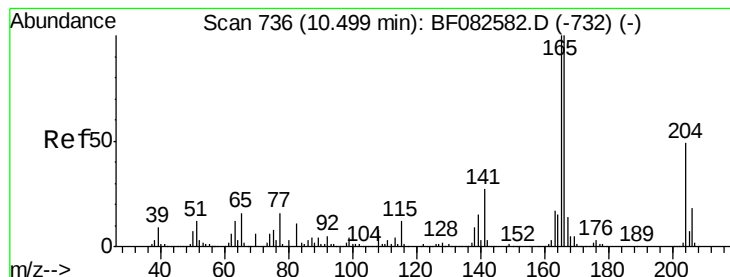
Abundance Ion 165.00 (164.70 to 165.70): E

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: 38.70 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF082595.D

Acq: 31 Oct 2015 2:30

Instrument :

BNA_F

ClientSampleId :

PB86203BS

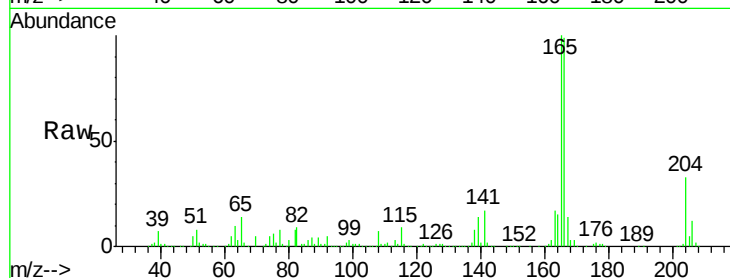
Tgt Ion:166 Resp: 1046522

Ion Ratio Lower Upper

166 100

165 100.9 80.2 120.4

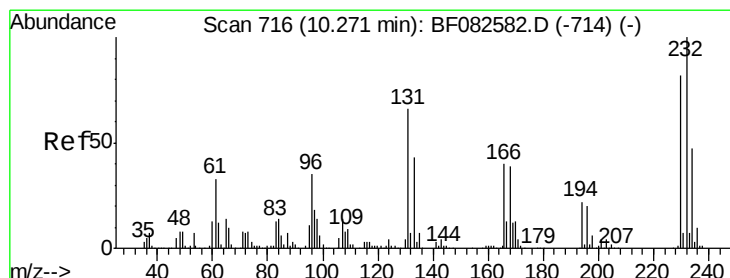
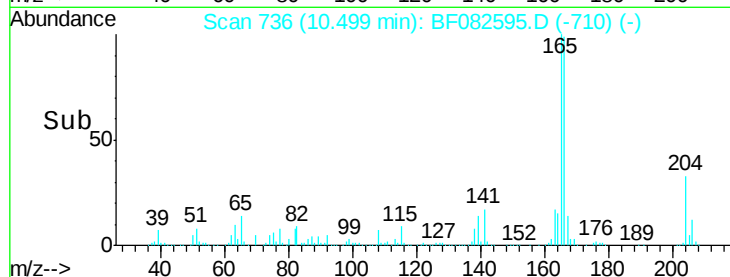
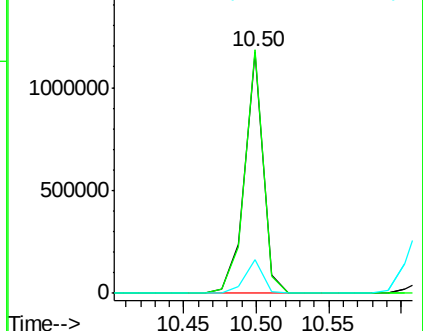
167 13.8 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.68 ng

RT: 10.27 min Scan# 716

Delta R.T. -0.00 min

Lab File: BF082595.D

Acq: 31 Oct 2015 2:30

Tgt Ion:232 Resp: 281977

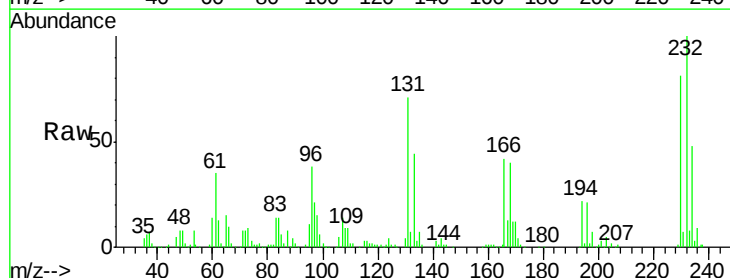
Ion Ratio Lower Upper

232 100

131 57.7 46.2 69.2

130 3.2 2.4 3.6

166 35.4 28.2 42.2

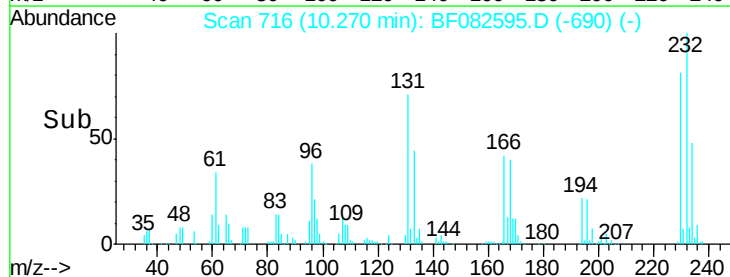
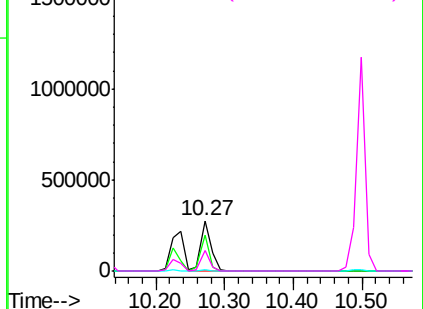


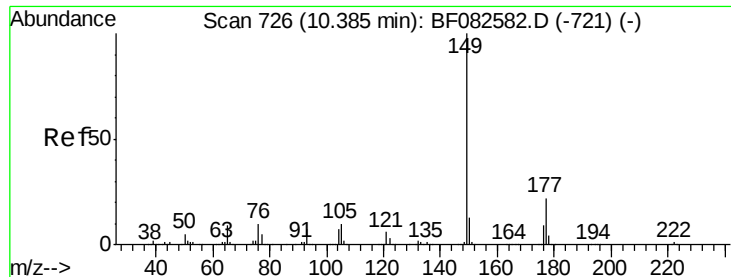
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

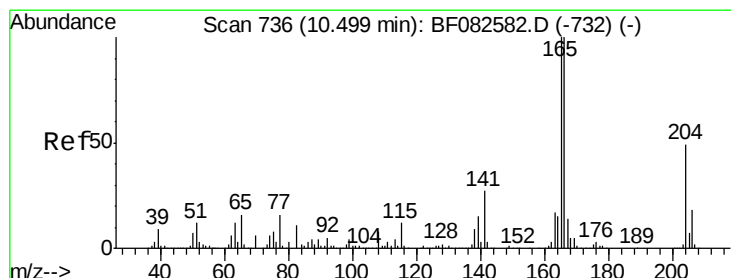
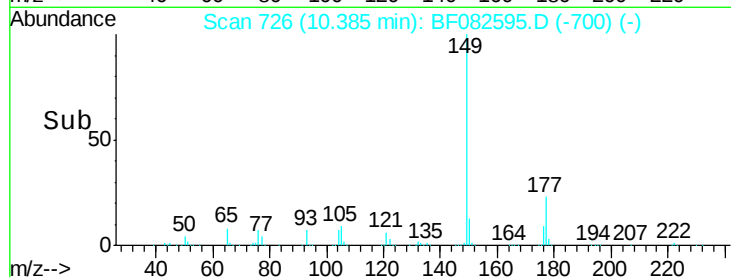
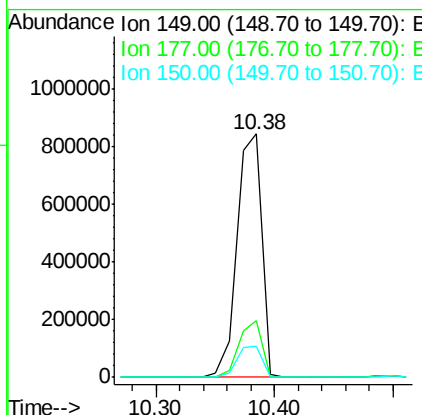
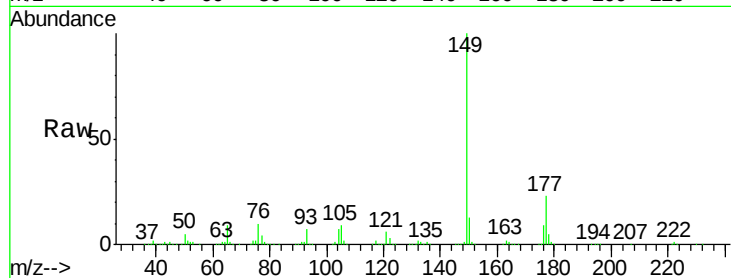




#59
Diethylphthalate
Concen: 39.87 ng
RT: 10.38 min Scan# 726
Delta R.T. -0.00 min
Lab File: BF082595.D
Acq: 31 Oct 2015 2:30

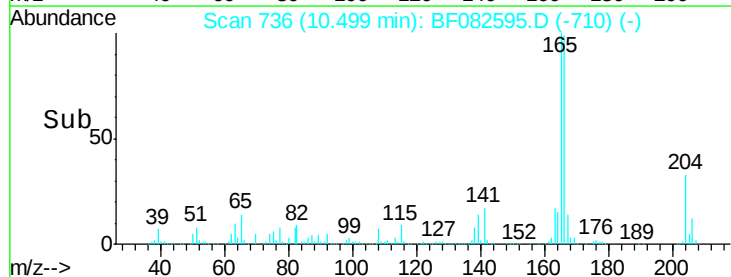
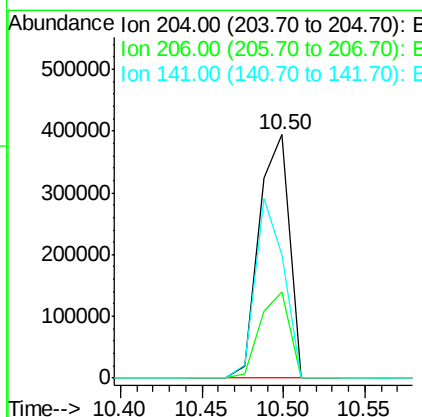
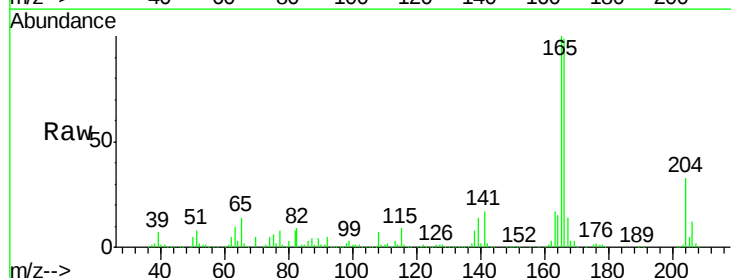
Instrument :
BNA_F
ClientSampleId :
PB86203BS

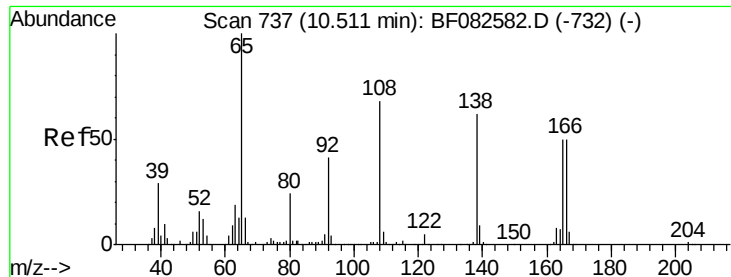
Tgt Ion:149 Resp: 1222690
Ion Ratio Lower Upper
149 100
177 23.3 17.9 26.9
150 12.8 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 38.52 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.00 min
Lab File: BF082595.D
Acq: 31 Oct 2015 2:30

Tgt Ion:204 Resp: 506304
Ion Ratio Lower Upper
204 100
206 35.5 28.5 42.7
141 50.6 44.6 66.8

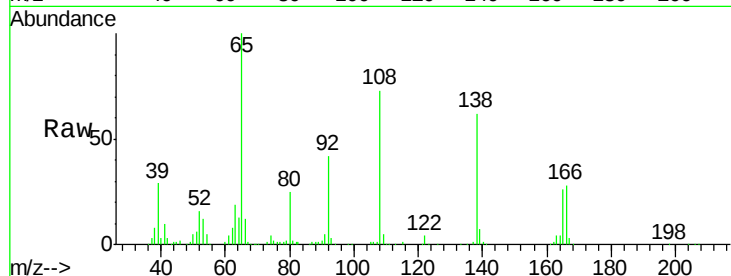




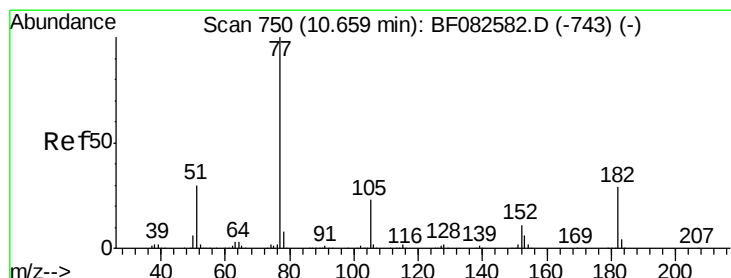
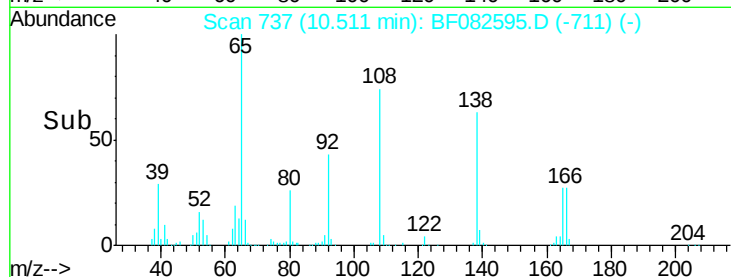
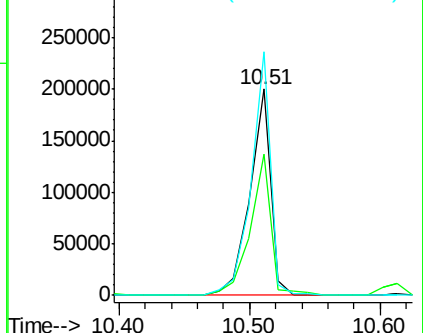
#61
4-Nitroaniline
Concen: 33.70 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.00 min
Lab File: BF082595.D
Acq: 31 Oct 2015 2:30

Instrument :
BNA_F
ClientSampleId :
PB86203BS

Tgt Ion:138 Resp: 223417
Ion Ratio Lower Upper
138 100
92 68.2 45.8 85.8
108 118.1 89.4 129.4

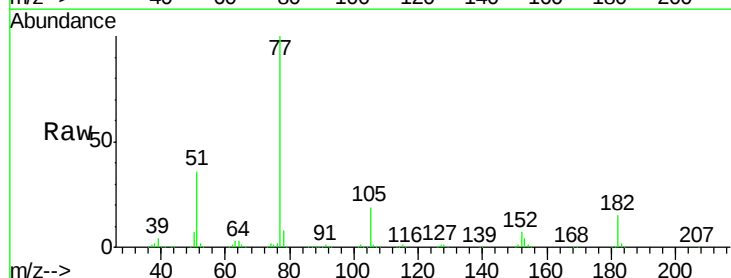


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

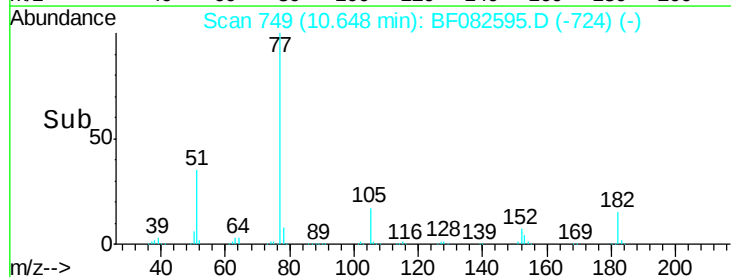
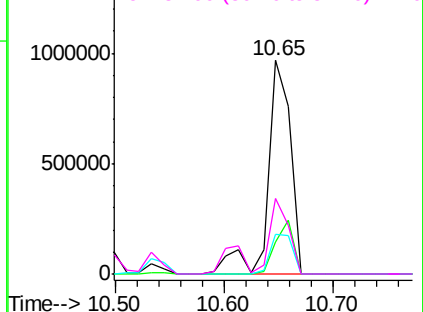


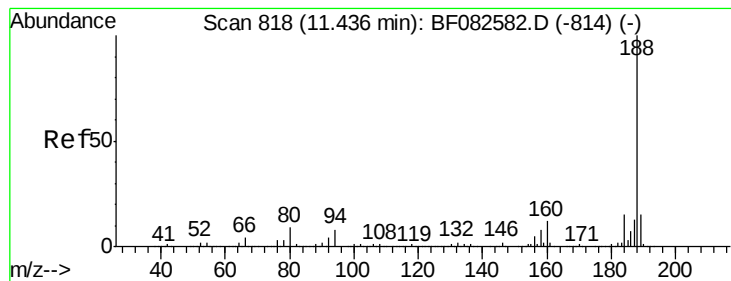
#62
Azobenzene
Concen: 40.57 ng
RT: 10.65 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF082595.D
Acq: 31 Oct 2015 2:30

Tgt Ion: 77 Resp: 1403136
Ion Ratio Lower Upper
77 100
182 15.0 9.3 49.3
105 18.5 2.6 42.6
51 35.6 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: 11.44 min Scan# 818

Delta R.T. -0.00 min

Lab File: BF082595.D

Acq: 31 Oct 2015 2:30

Instrument :

BNA_F

ClientSampleId :

PB86203BS

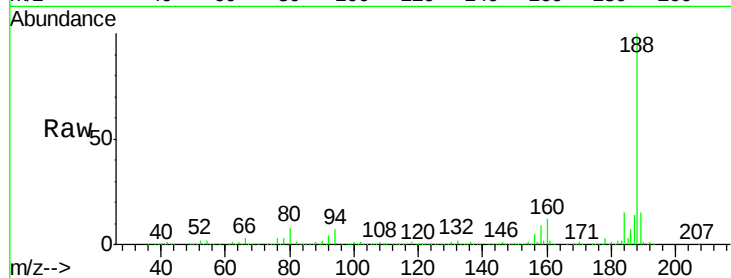
Tgt Ion:188 Resp: 709167

Ion Ratio Lower Upper

188 100

94 7.1 6.1 9.1

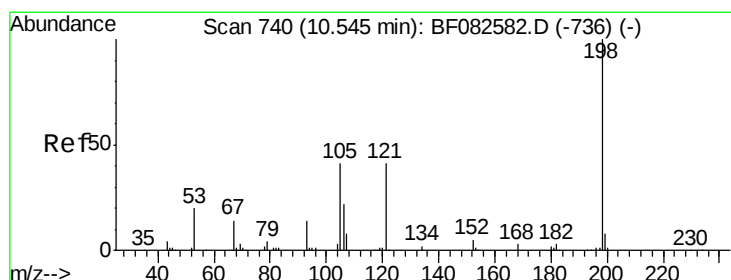
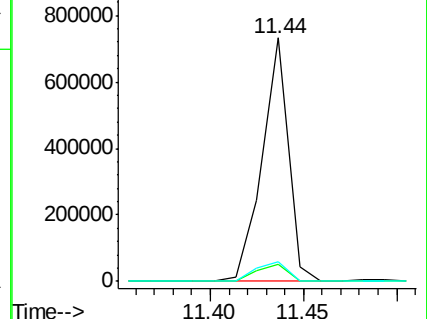
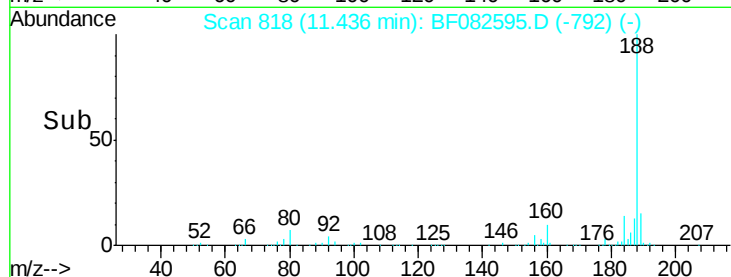
80 8.0 7.0 10.6



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: 41.73 ng

RT: 10.54 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF082595.D

Acq: 31 Oct 2015 2:30

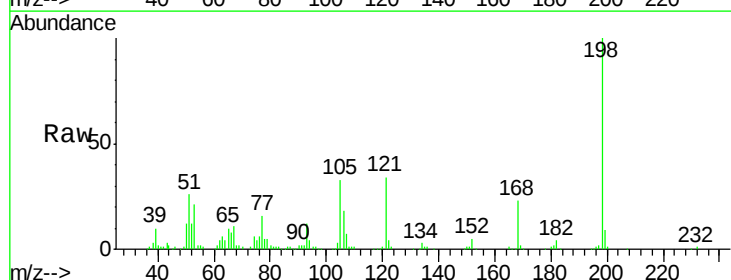
Tgt Ion:198 Resp: 178477

Ion Ratio Lower Upper

198 100

51 26.2 17.3 57.3

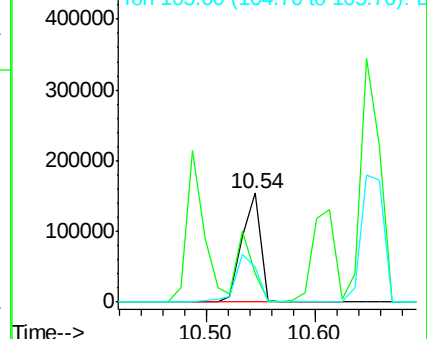
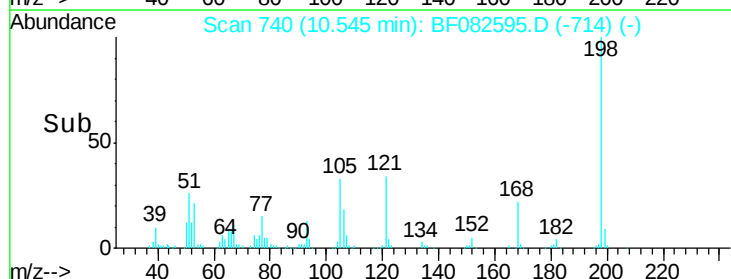
105 32.5 21.7 61.7

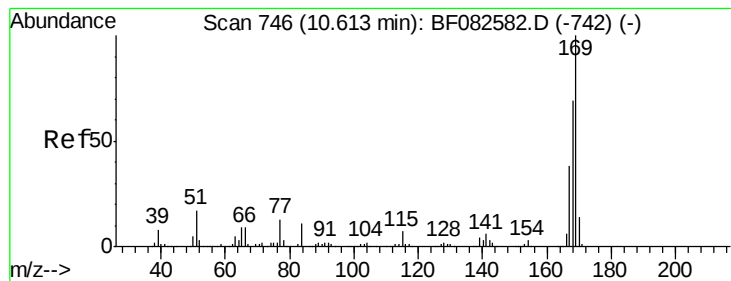


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

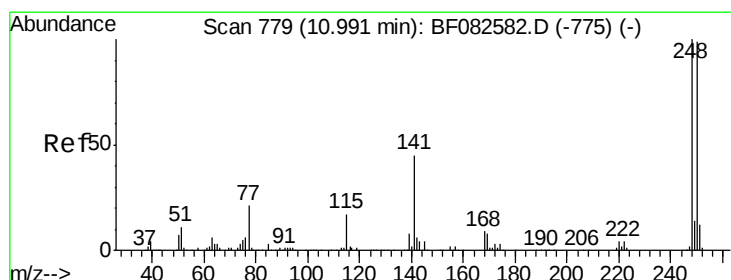
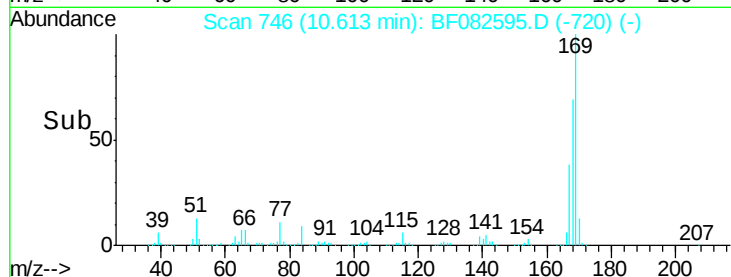
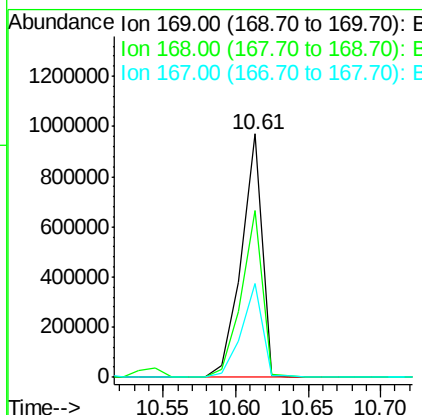
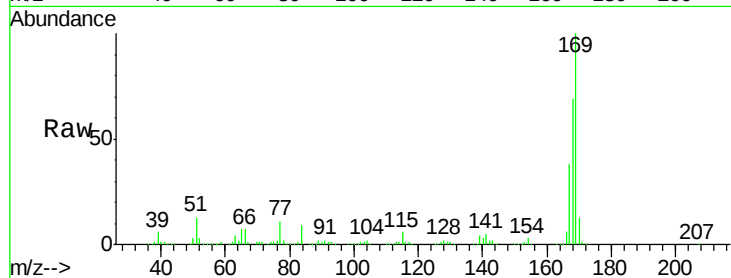




#65
 n-Nitrosodiphenylamine
 Concen: 39.80 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.00 min
 Lab File: BF082595.D
 Acq: 31 Oct 2015 2:30

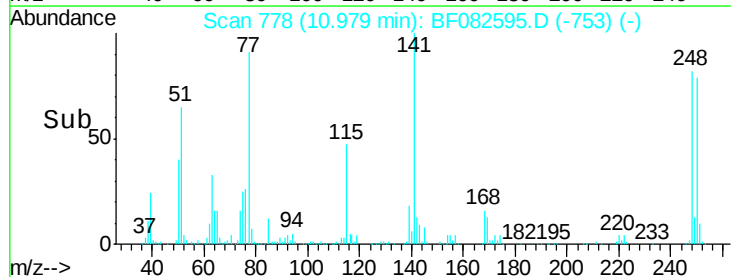
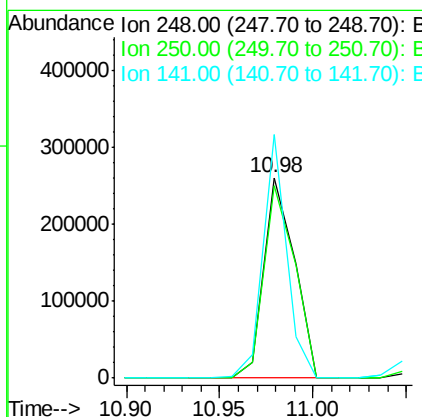
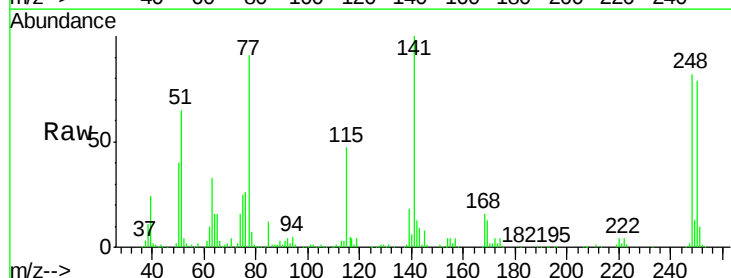
Instrument :
 BNA_F
 ClientSampleId :
 PB86203BS

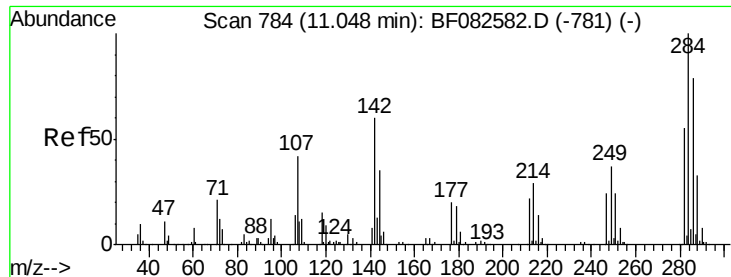
Tgt Ion:169 Resp: 970290
 Ion Ratio Lower Upper
 169 100
 168 68.6 55.0 82.6
 167 38.5 30.5 45.7



#66
 4-Bromophenyl-phenylether
 Concen: 36.78 ng
 RT: 10.98 min Scan# 778
 Delta R.T. -0.01 min
 Lab File: BF082595.D
 Acq: 31 Oct 2015 2:30

Tgt Ion:248 Resp: 295550
 Ion Ratio Lower Upper
 248 100
 250 96.0 79.4 119.2
 141 121.5 36.3 54.5#

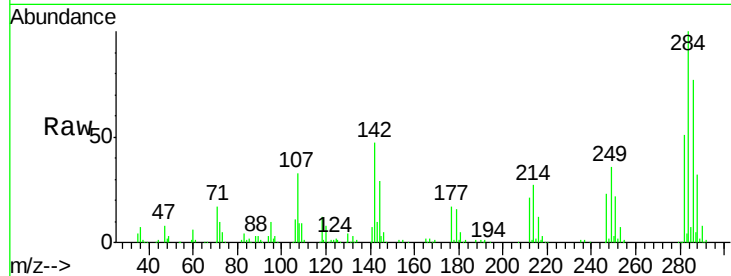




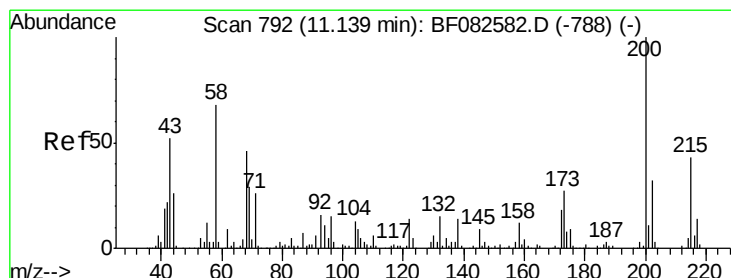
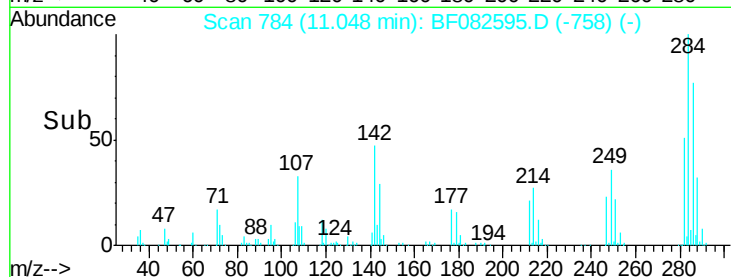
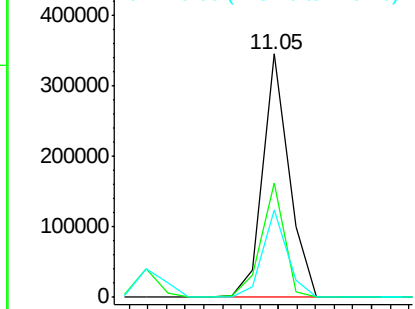
#67
Hexachlorobenzene
Concen: 37.41 ng
RT: 11.05 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF082595.D
Acq: 31 Oct 2015 2:30

Instrument :
BNA_F
ClientSampleId :
PB86203BS

Tgt Ion: 284 Resp: 333311
Ion Ratio Lower Upper
284 100
142 46.8 47.9 71.9#
249 35.9 29.7 44.5

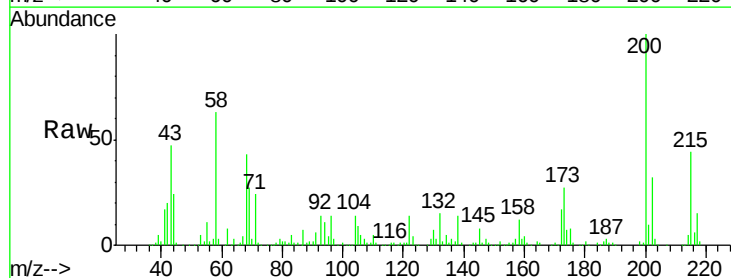


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

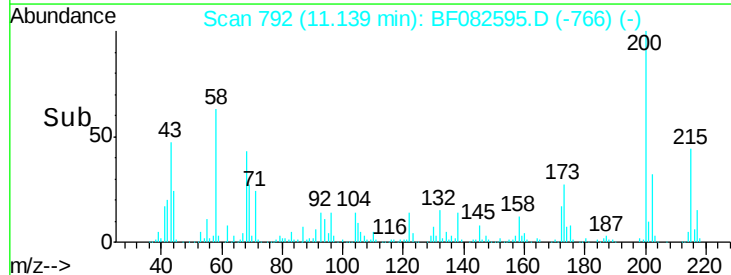
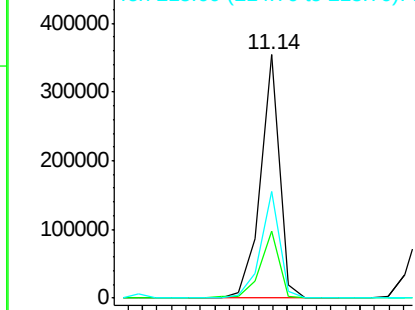


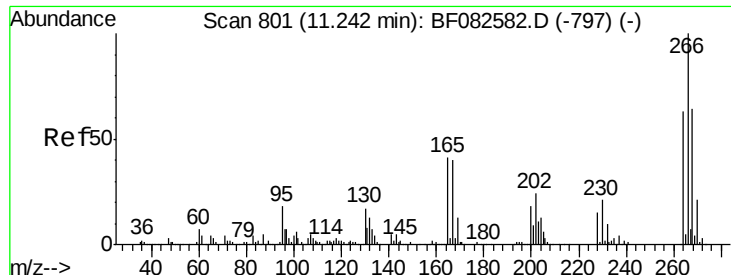
#68
Atrazine
Concen: 40.24 ng
RT: 11.14 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF082595.D
Acq: 31 Oct 2015 2:30

Tgt Ion: 200 Resp: 320948
Ion Ratio Lower Upper
200 100
173 27.5 6.9 46.9
215 43.6 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

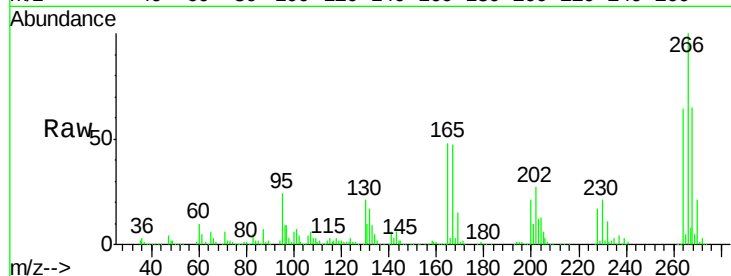




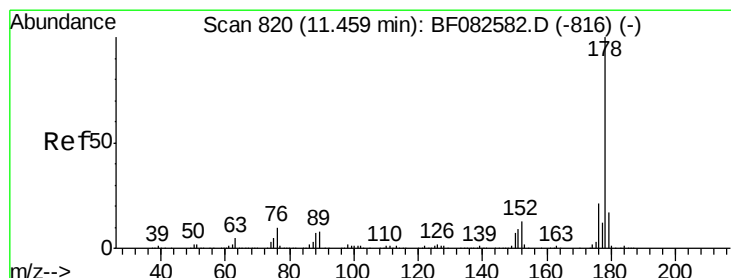
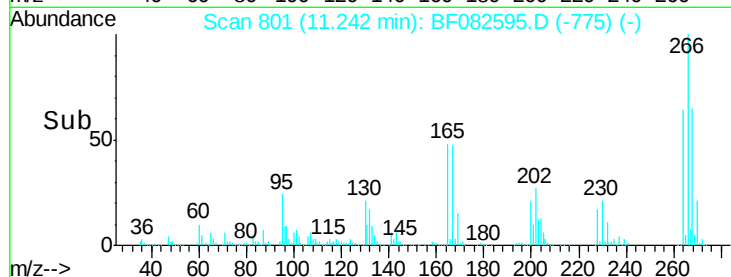
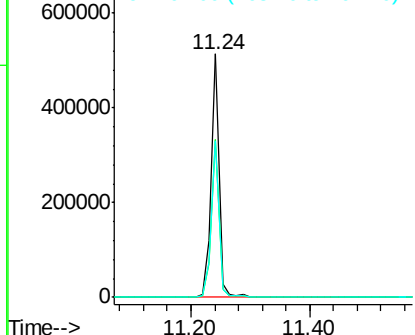
#69
 Pentachlorophenol
 Concen: 80.69 ng
 RT: 11.24 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: BF082595.D
 Acq: 31 Oct 2015 2:30

Instrument :
 BNA_F
 ClientSampleId :
 PB86203BS

Tgt Ion:266 Resp: 474105
 Ion Ratio Lower Upper
 266 100
 268 64.7 51.0 76.6
 264 64.4 50.6 75.8

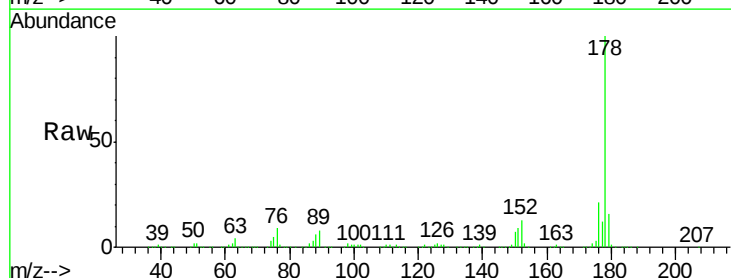


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

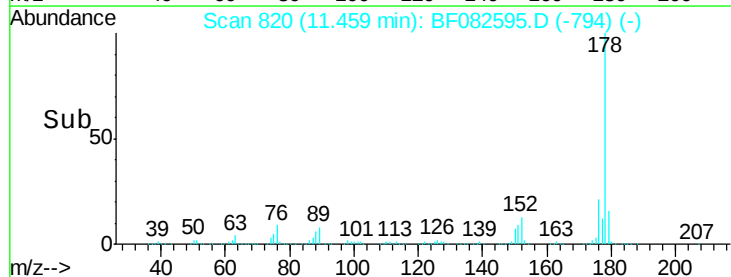
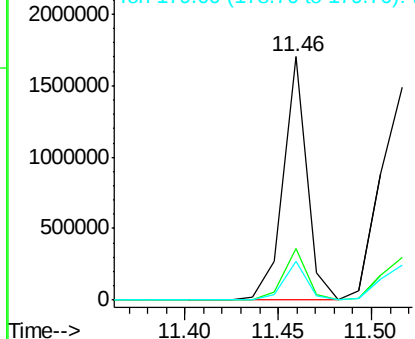


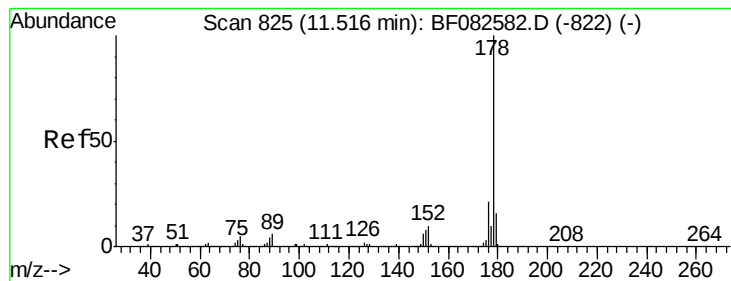
#70
 Phenanthrene
 Concen: 37.56 ng
 RT: 11.46 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BF082595.D
 Acq: 31 Oct 2015 2:30

Tgt Ion:178 Resp: 1502294
 Ion Ratio Lower Upper
 178 100
 176 21.0 17.0 25.4
 179 16.1 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: 41.69 ng

RT: 11.52 min Scan# 825

Delta R.T. -0.00 min

Lab File: BF082595.D

Acq: 31 Oct 2015 2:30

Instrument :

BNA_F

ClientSampleId :

PB86203BS

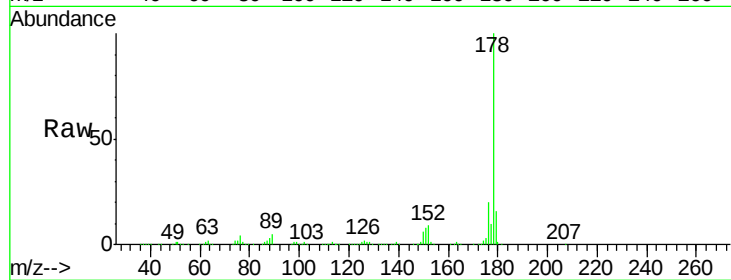
Tgt Ion:178 Resp: 1678968

Ion Ratio Lower Upper

178 100

176 20.2 16.5 24.7

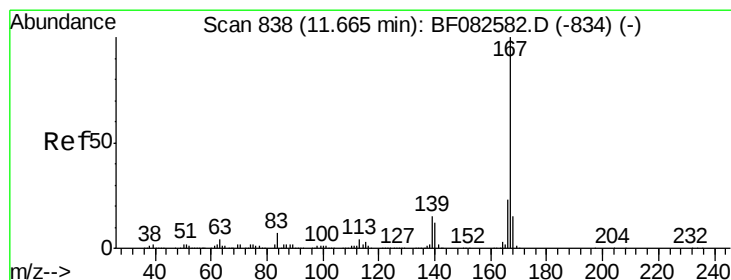
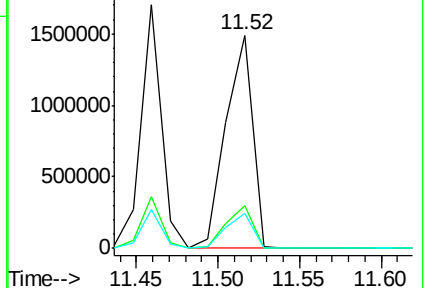
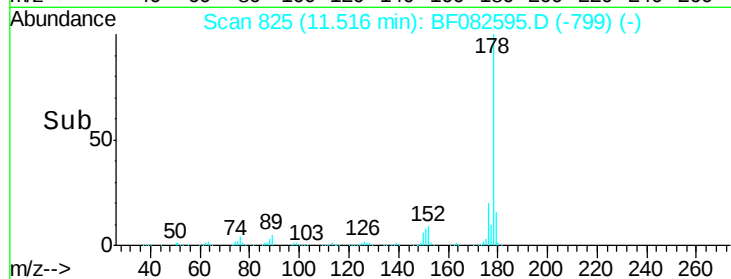
179 16.2 13.2 19.8



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: 41.51 ng

RT: 11.66 min Scan# 838

Delta R.T. -0.00 min

Lab File: BF082595.D

Acq: 31 Oct 2015 2:30

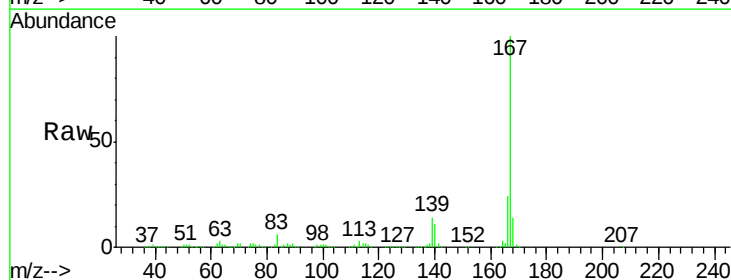
Tgt Ion:167 Resp: 1456085

Ion Ratio Lower Upper

167 100

166 23.6 18.7 28.1

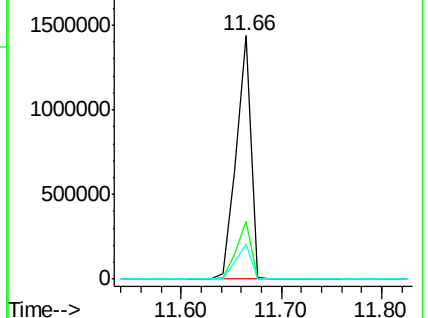
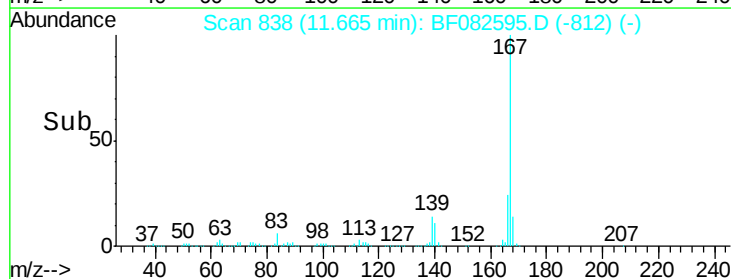
139 14.1 11.8 17.6

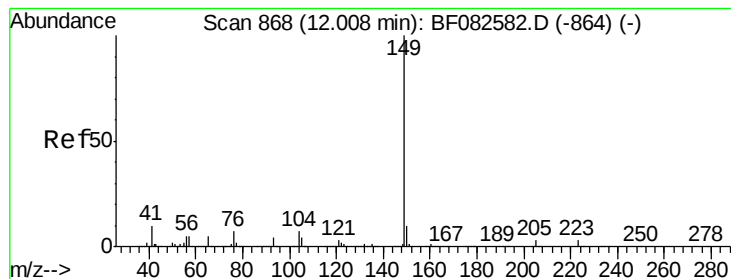


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 42.98 ng

RT: 12.01 min Scan# 868

Delta R.T. -0.00 min

Lab File: BF082595.D

Acq: 31 Oct 2015 2:30

Instrument :

BNA_F

ClientSampleId :

PB86203BS

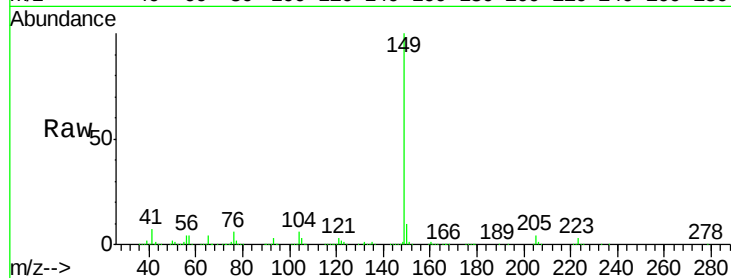
Tgt Ion:149 Resp: 1919164

Ion Ratio Lower Upper

149 100

150 9.9 8.1 12.1

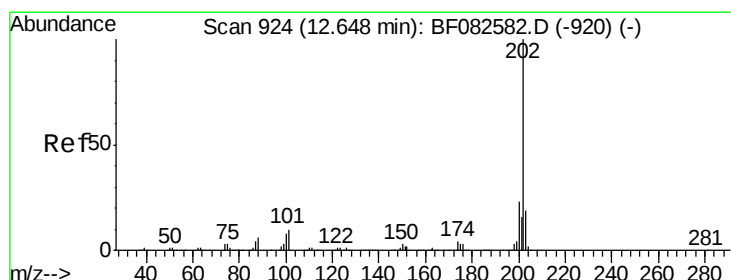
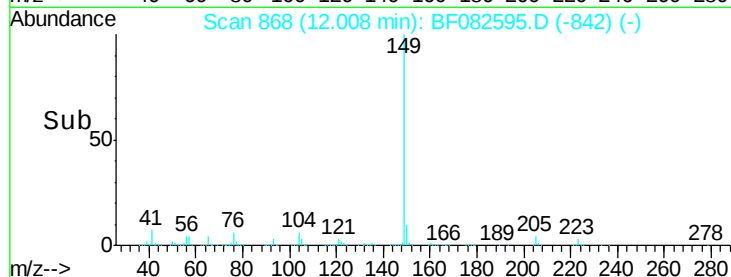
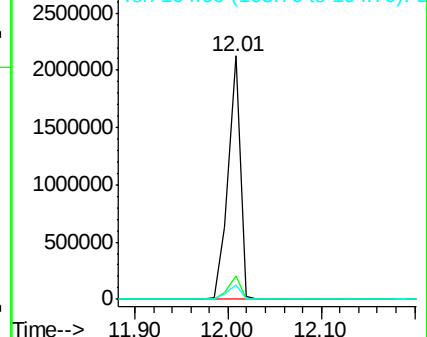
104 6.0 5.2 7.8



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: 39.59 ng

RT: 12.65 min Scan# 924

Delta R.T. -0.00 min

Lab File: BF082595.D

Acq: 31 Oct 2015 2:30

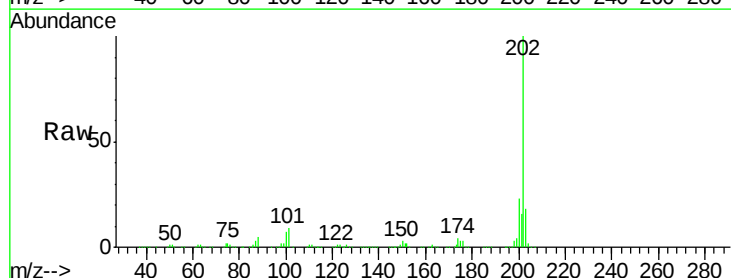
Tgt Ion:202 Resp: 1618950

Ion Ratio Lower Upper

202 100

101 8.8 0.0 30.5

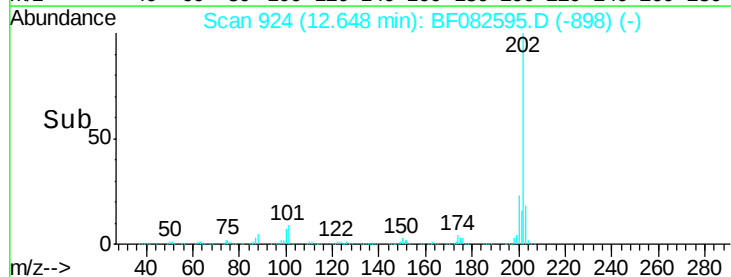
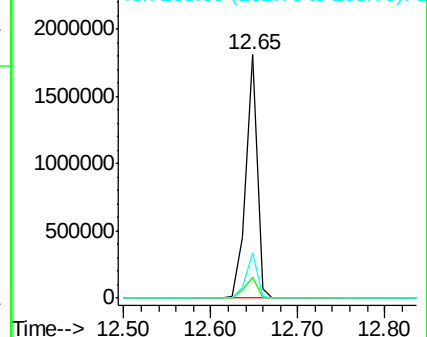
203 18.4 0.0 38.5

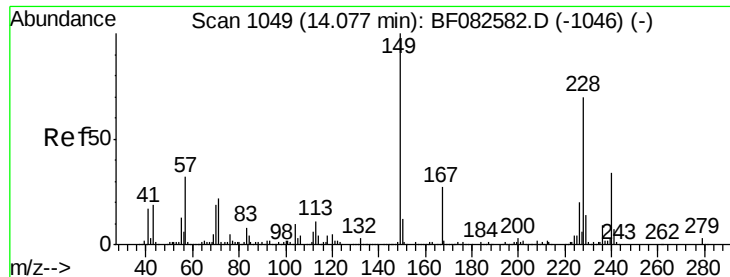


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

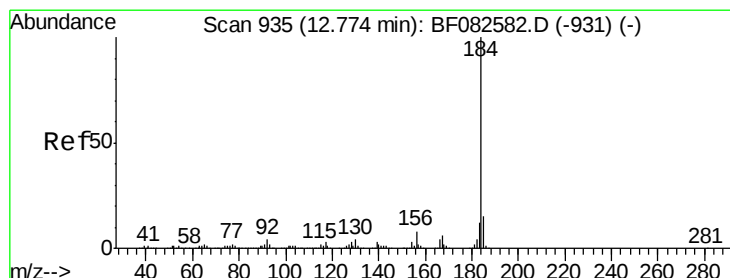
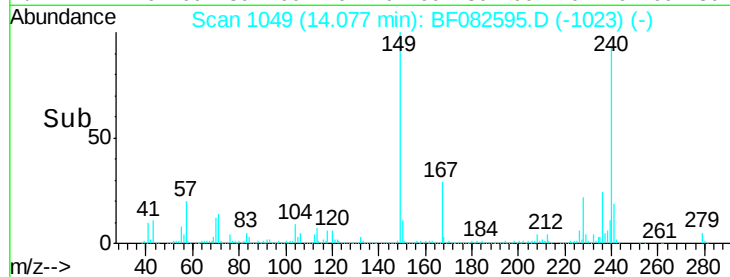
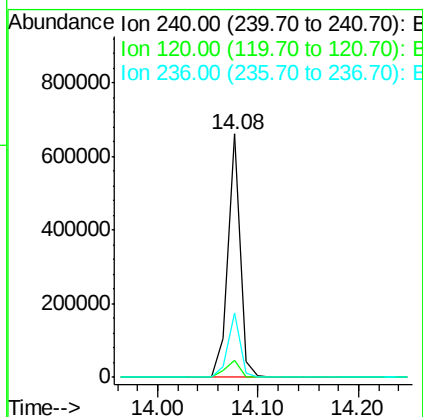
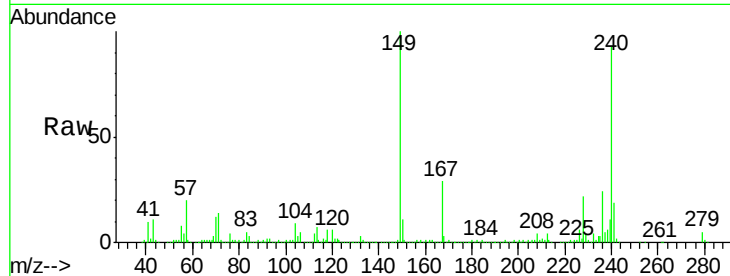




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.08 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BF082595.D
Acq: 31 Oct 2015 2:30

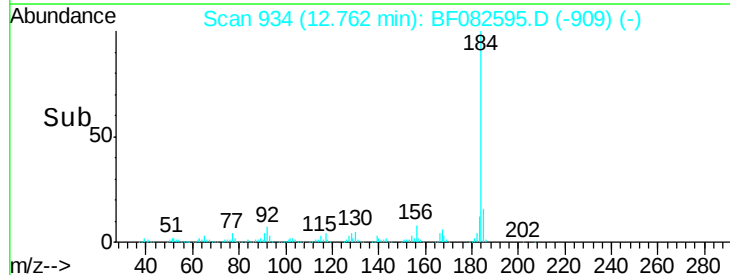
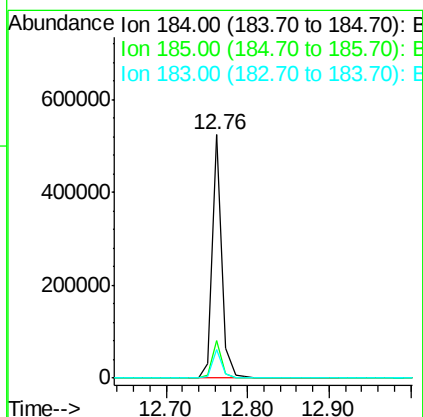
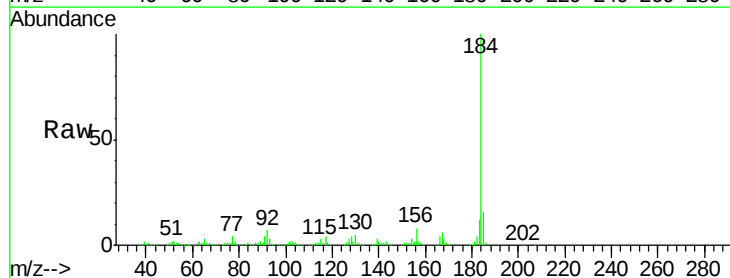
Instrument :
BNA_F
ClientSampleId :
PB86203BS

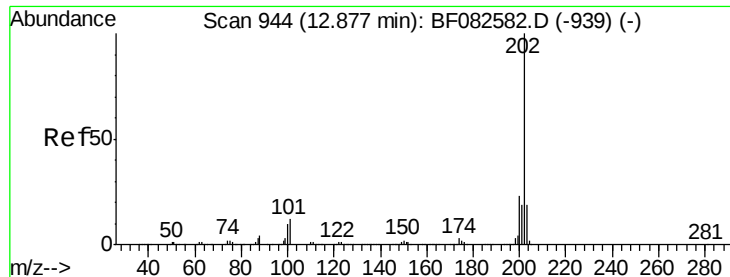
Tgt Ion:240 Resp: 562783
Ion Ratio Lower Upper
240 100
120 6.8 10.9 16.3#
236 26.3 21.6 32.4



#76
Benzidine
Concen: 17.14 ng
RT: 12.76 min Scan# 934
Delta R.T. -0.01 min
Lab File: BF082595.D
Acq: 31 Oct 2015 2:30

Tgt Ion:184 Resp: 435045
Ion Ratio Lower Upper
184 100
185 15.7 12.0 18.0
183 11.8 9.6 14.4

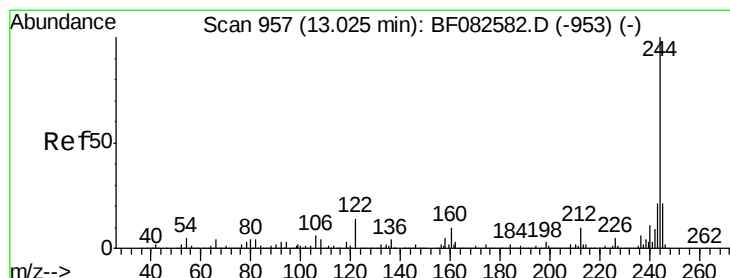
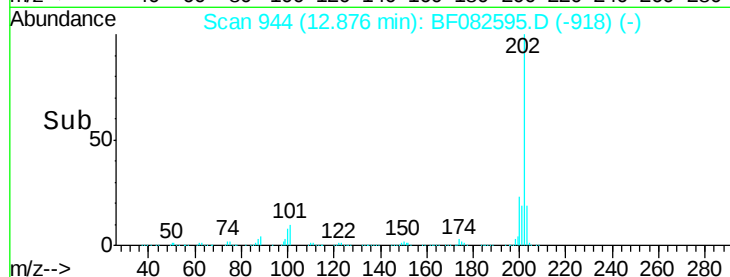
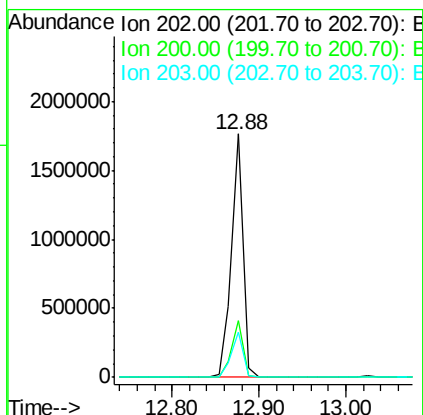
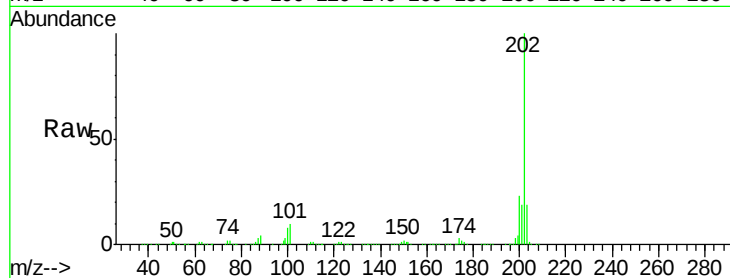




#77
 Pyrene
 Concen: 39.09 ng
 RT: 12.88 min Scan# 944
 Delta R.T. -0.00 min
 Lab File: BF082595.D
 Acq: 31 Oct 2015 2:30

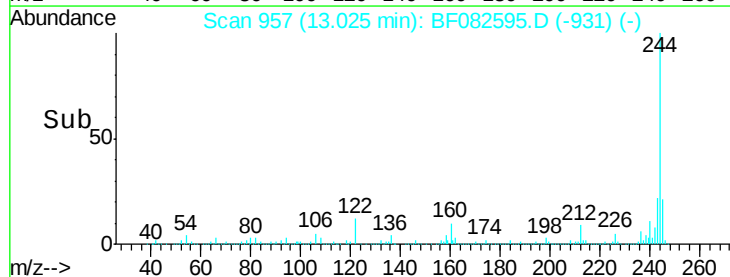
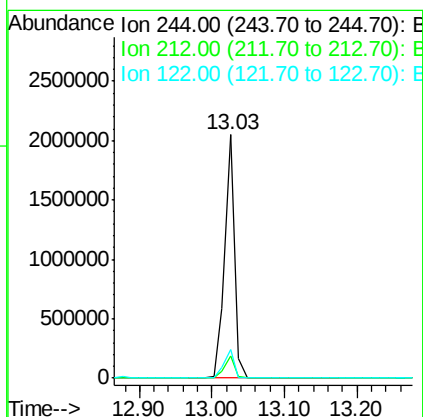
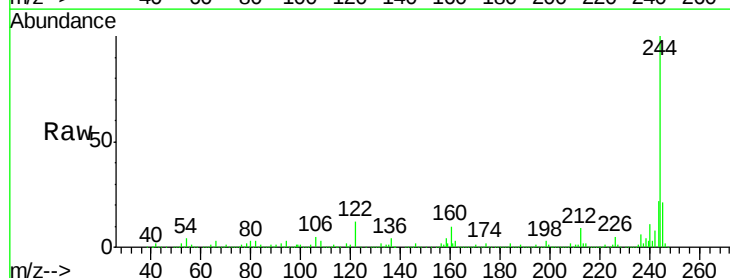
Instrument :
 BNA_F
 ClientSampleId :
 PB86203BS

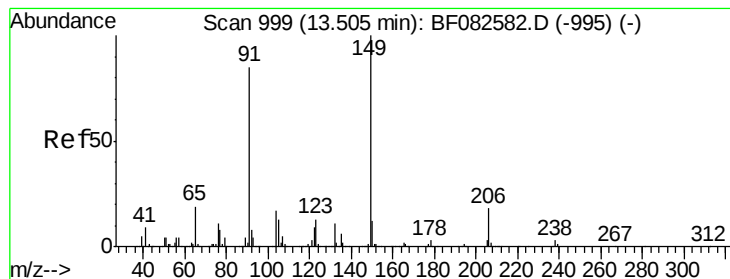
Tgt Ion:202 Resp: 1628938
 Ion Ratio Lower Upper
 202 100
 200 23.4 18.7 28.1
 203 18.8 14.8 22.2



#78
 Terphenyl-d14
 Concen: 75.41 ng
 RT: 13.03 min Scan# 957
 Delta R.T. -0.00 min
 Lab File: BF082595.D
 Acq: 31 Oct 2015 2:30

Tgt Ion:244 Resp: 1939342
 Ion Ratio Lower Upper
 244 100
 212 9.2 7.6 11.4
 122 11.6 11.3 16.9





#79

Butylbenzylphthalate

Concen: 42.04 ng

RT: 13.51 min Scan# 999

Delta R.T. -0.00 min

Lab File: BF082595.D

Acq: 31 Oct 2015 2:30

Instrument :

BNA_F

ClientSampleId :

PB86203BS

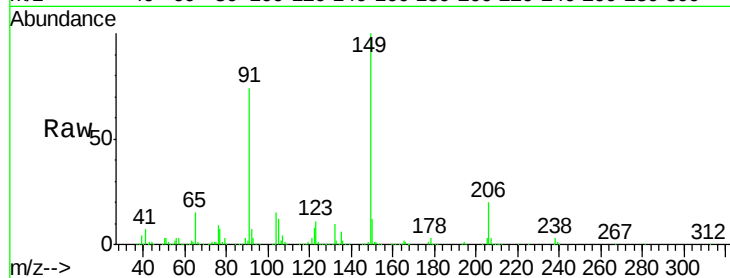
Tgt Ion:149 Resp: 767303

Ion Ratio Lower Upper

149 100

91 73.8 67.7 101.5

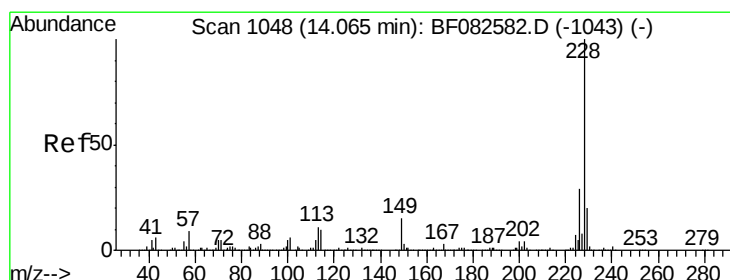
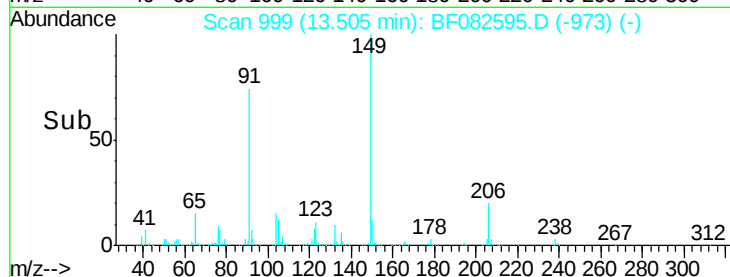
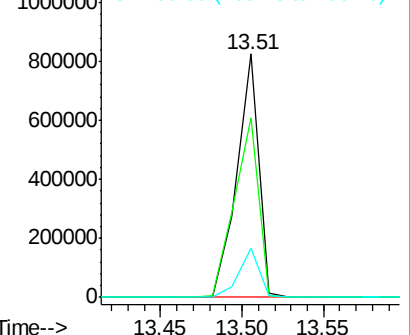
206 20.3 14.6 22.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 38.97 ng

RT: 14.07 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BF082595.D

Acq: 31 Oct 2015 2:30

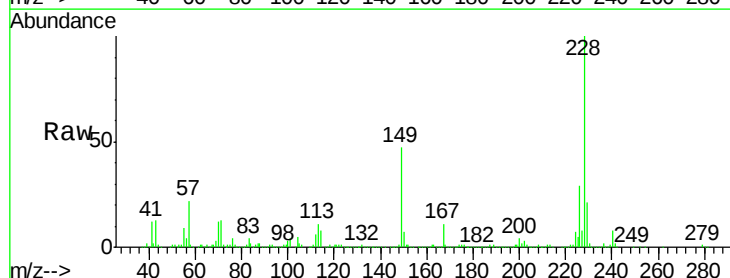
Tgt Ion:228 Resp: 1393062

Ion Ratio Lower Upper

228 100

226 28.6 23.4 35.2

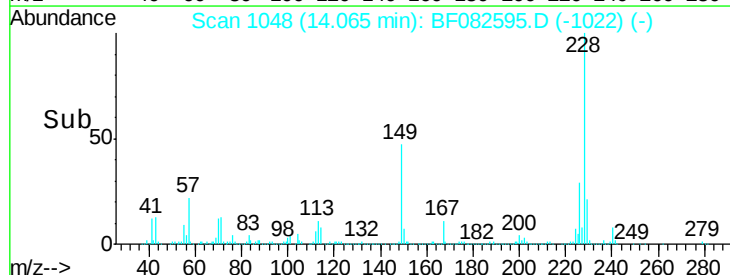
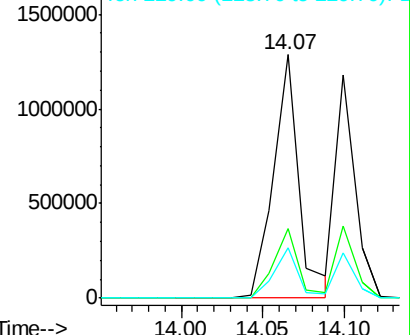
229 20.8 16.3 24.5

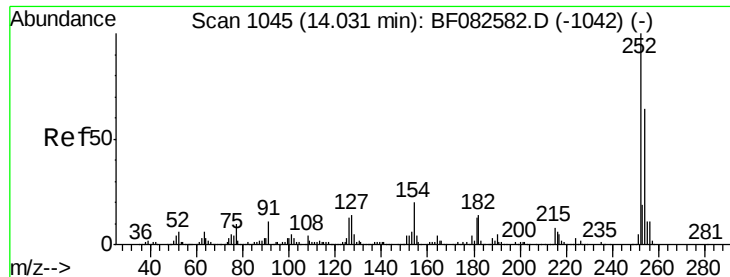


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

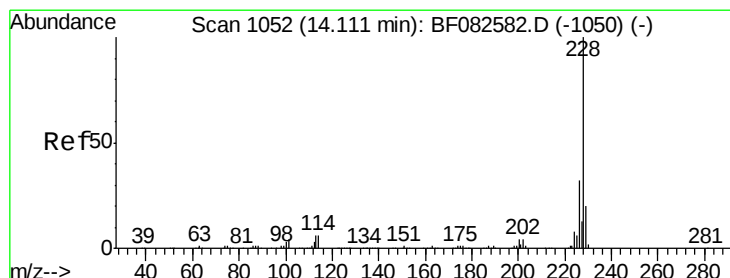
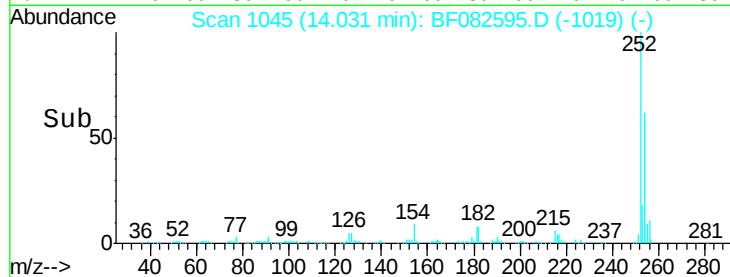
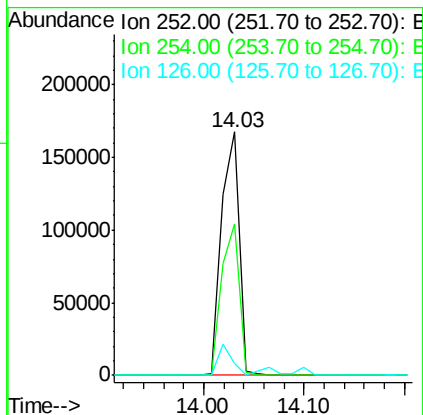
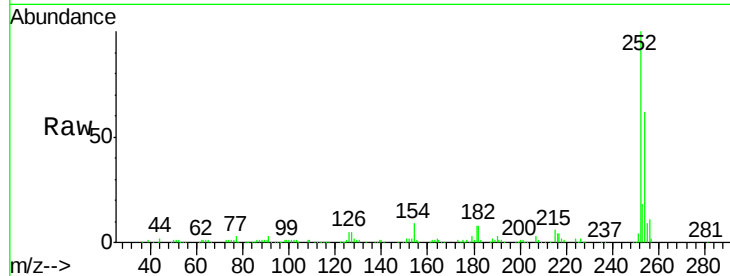




#81
 3,3'-Dichlorobenzidine
 Concen: 16.70 ng
 RT: 14.03 min Scan# 1045
 Delta R.T. -0.00 min
 Lab File: BF082595.D
 Acq: 31 Oct 2015 2:30

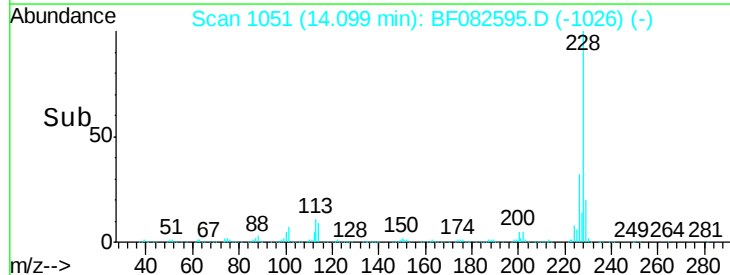
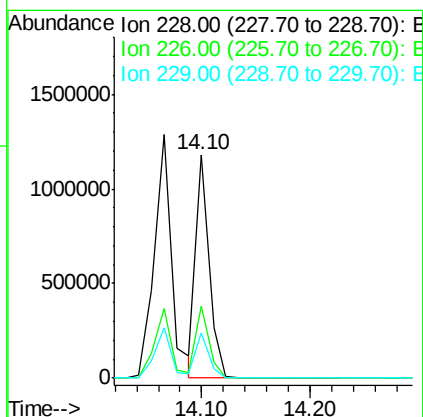
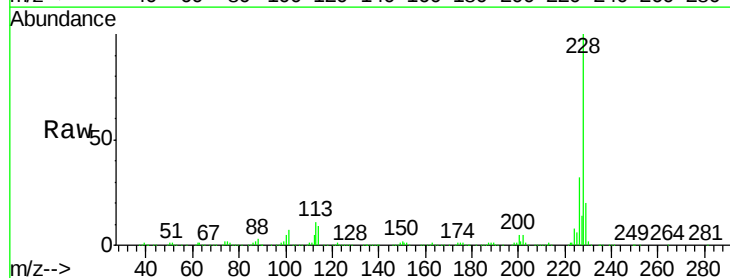
Instrument :
 BNA_F
 ClientSampleId :
 PB86203BS

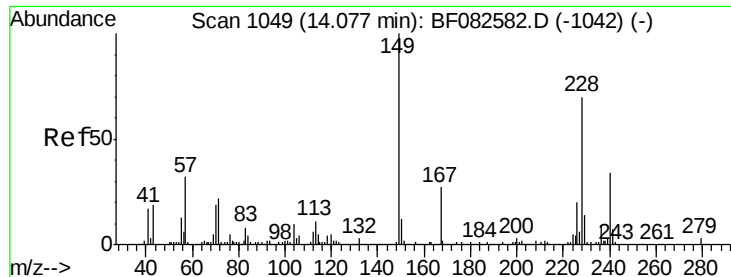
Tgt Ion:252 Resp: 205743
 Ion Ratio Lower Upper
 252 100
 254 62.1 51.4 77.0
 126 4.9 10.7 16.1#



#82
 Chrysene
 Concen: 31.13 ng
 RT: 14.10 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: BF082595.D
 Acq: 31 Oct 2015 2:30

Tgt Ion:228 Resp: 1008744
 Ion Ratio Lower Upper
 228 100
 226 32.3 25.5 38.3
 229 20.4 16.3 24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.13 ng

RT: 14.08 min Scan# 1049

Delta R.T. -0.00 min

Lab File: BF082595.D

Acq: 31 Oct 2015 2:30

Instrument :

BNA_F

ClientSampleId :

PB86203BS

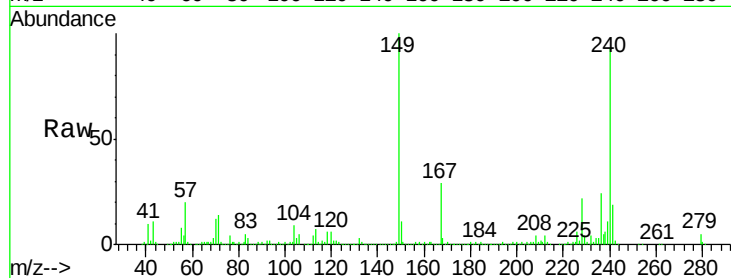
Tgt Ion:149 Resp: 925857

Ion Ratio Lower Upper

149 100

167 28.6 21.2 31.8

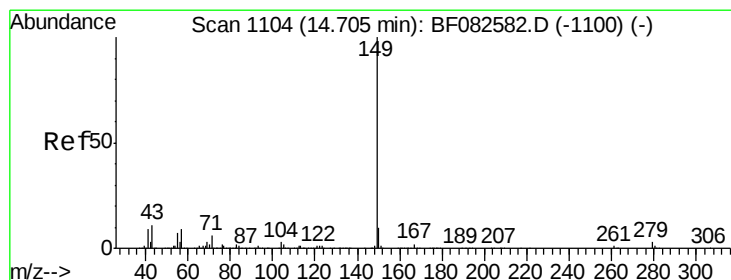
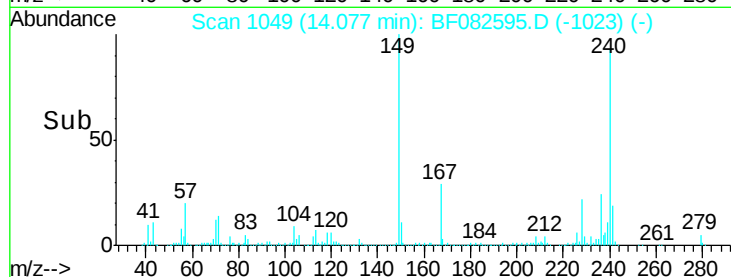
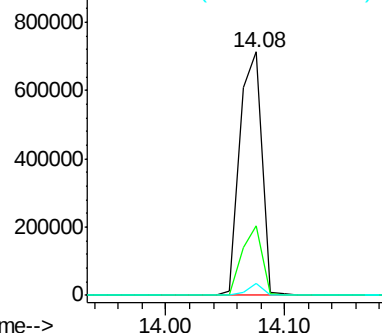
279 4.9 2.2 3.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 38.12 ng

RT: 14.68 min Scan# 1102

Delta R.T. -0.02 min

Lab File: BF082595.D

Acq: 31 Oct 2015 2:30

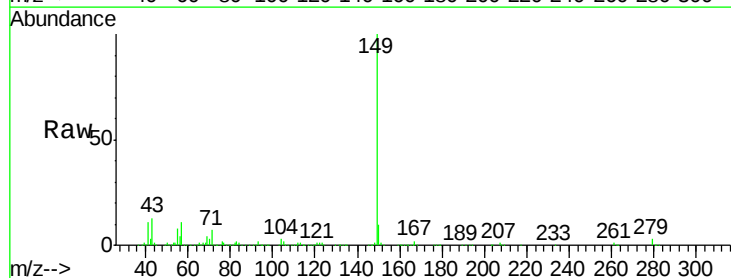
Tgt Ion:149 Resp: 1406883

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

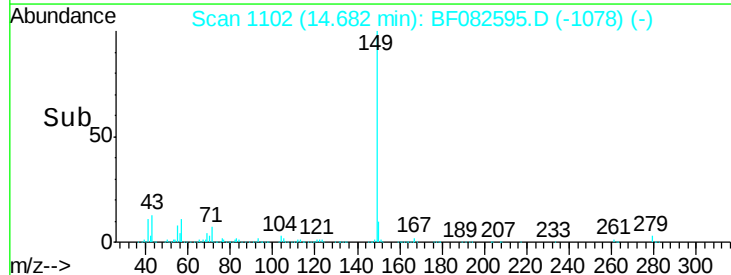
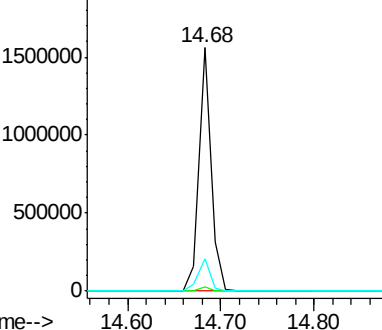
43 13.0 10.1 15.1

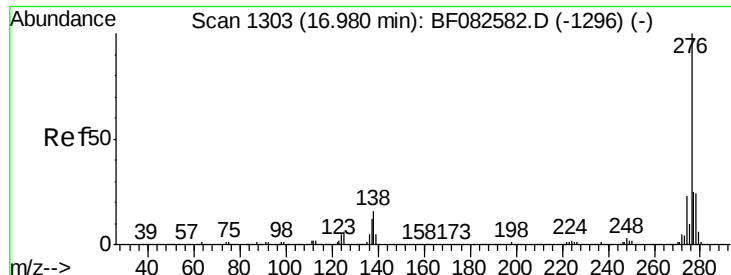


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

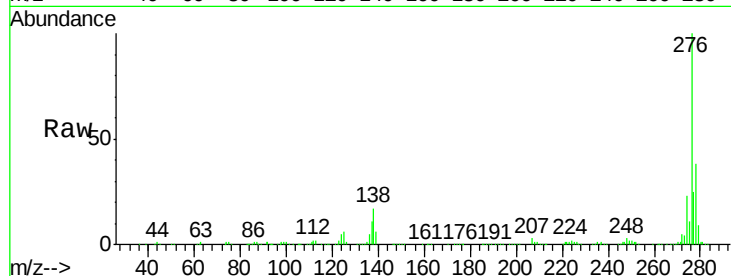




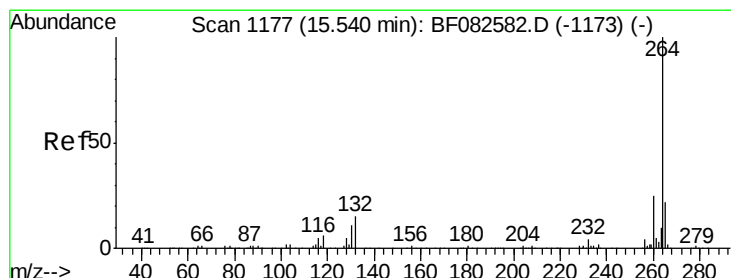
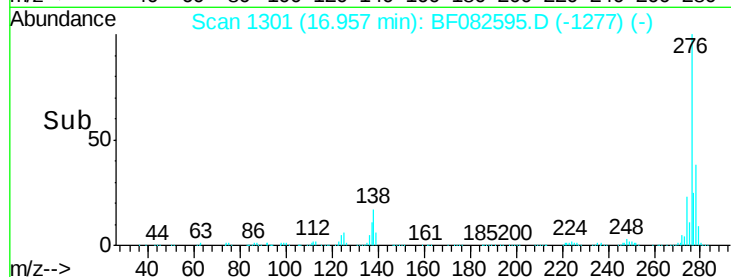
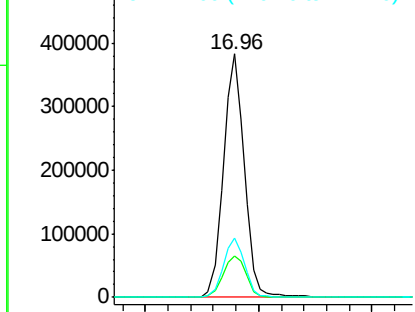
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.94 ng
 RT: 16.96 min Scan# 1301
 Delta R.T. -0.02 min
 Lab File: BF082595.D
 Acq: 31 Oct 2015 2:30

Instrument :
 BNA_F
 ClientSampleId :
 PB86203BS

Tgt Ion: 276 Resp: 987773
 Ion Ratio Lower Upper
 276 100
 138 18.7 15.3 22.9
 277 24.8 20.2 30.4

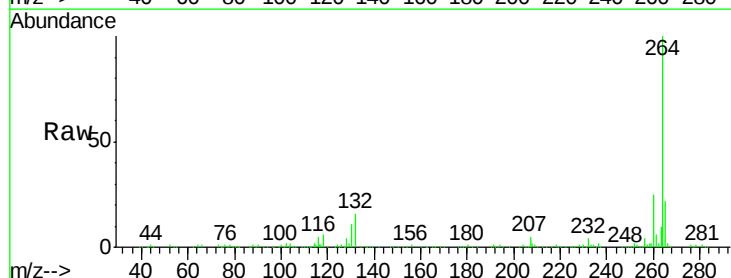


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

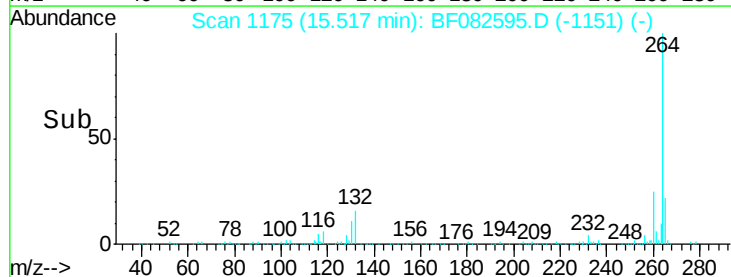
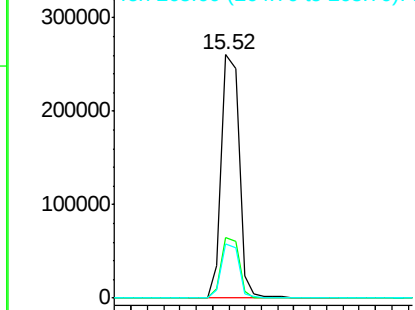


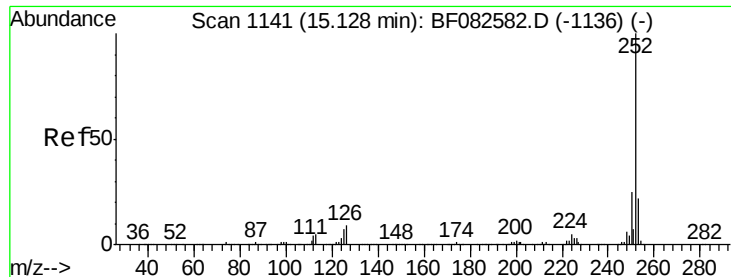
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.52 min Scan# 1175
 Delta R.T. -0.02 min
 Lab File: BF082595.D
 Acq: 31 Oct 2015 2:30

Tgt Ion: 264 Resp: 397026
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.8 29.6
 265 22.4 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

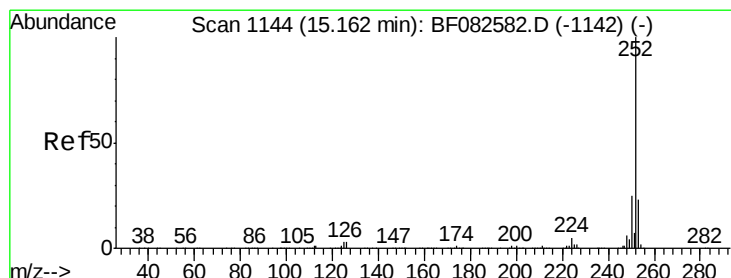
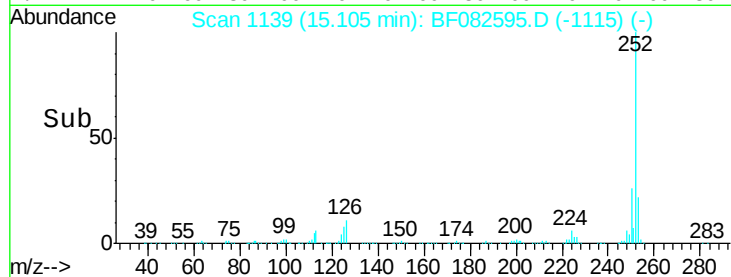
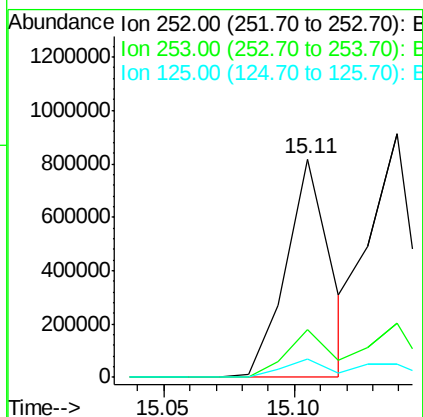
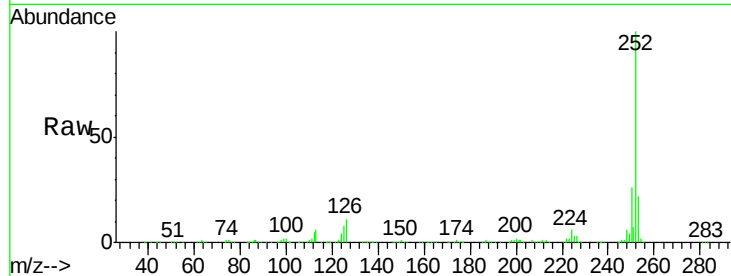




#87
Benzo(b)fluoranthene
Concen: 35.28 ng
RT: 15.11 min Scan# 1139
Delta R.T. -0.02 min
Lab File: BF082595.D
Acq: 31 Oct 2015 2:30

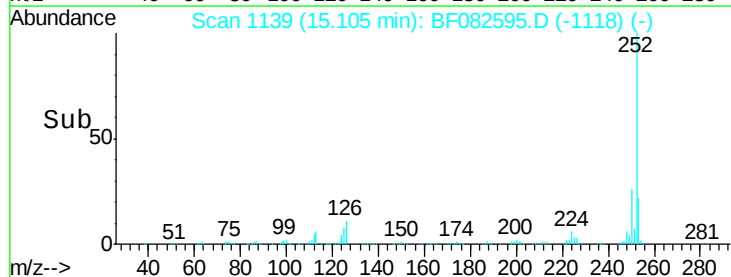
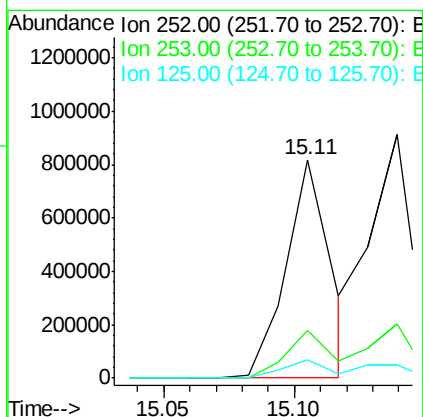
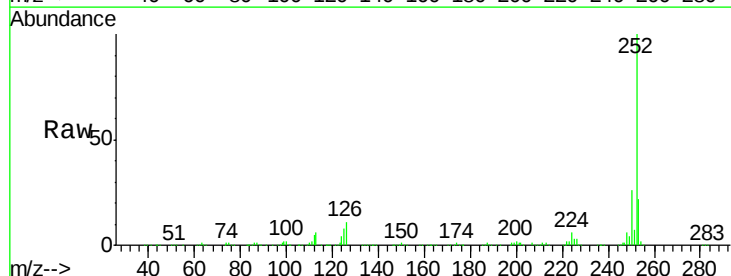
Instrument :
BNA_F
ClientSampleId :
PB86203BS

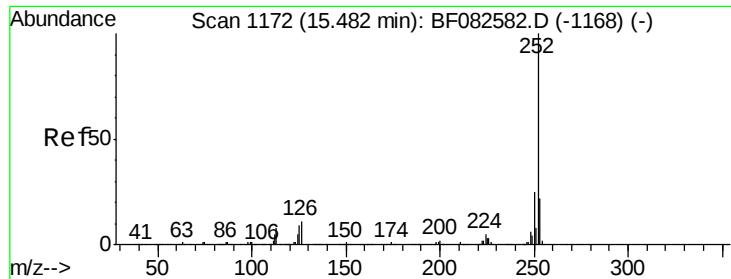
Tgt Ion:252 Resp: 965771
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 8.2 5.4 8.2



#88
Benzo(k)fluoranthene
Concen: 46.30 ng
RT: 15.11 min Scan# 1139
Delta R.T. -0.06 min
Lab File: BF082595.D
Acq: 31 Oct 2015 2:30

Tgt Ion:252 Resp: 965771
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 8.2 3.5 5.3#





#89

Benzo(a)pyrene

Concen: 42.25 ng

RT: 15.46 min Scan# 1170

Delta R.T. -0.02 min

Lab File: BF082595.D

Acq: 31 Oct 2015 2:30

Instrument :

BNA_F

ClientSampleId :

PB86203BS

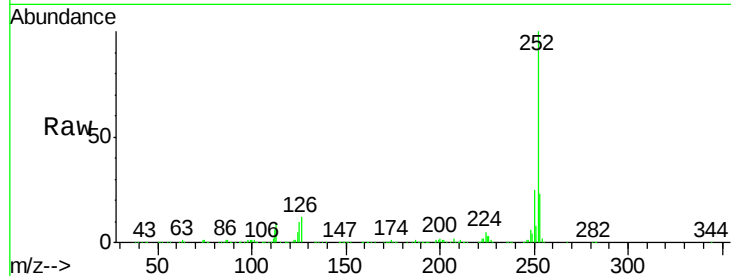
Tgt Ion:252 Resp: 911014

Ion Ratio Lower Upper

252 100

253 22.6 17.3 25.9

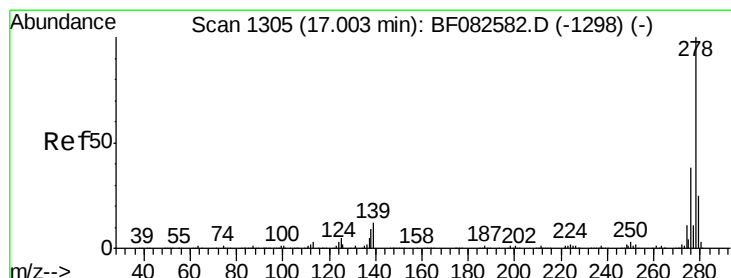
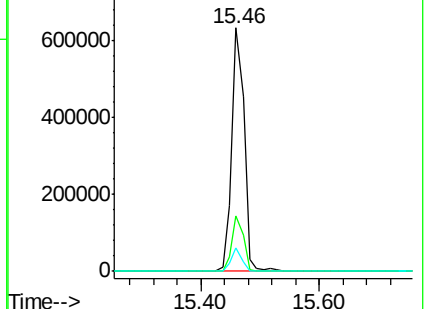
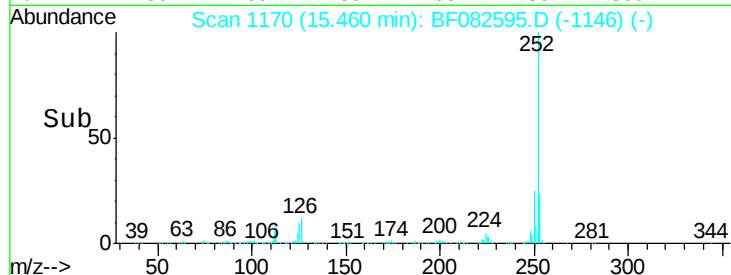
125 9.9 7.1 10.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 41.78 ng

RT: 16.98 min Scan# 1303

Delta R.T. -0.02 min

Lab File: BF082595.D

Acq: 31 Oct 2015 2:30

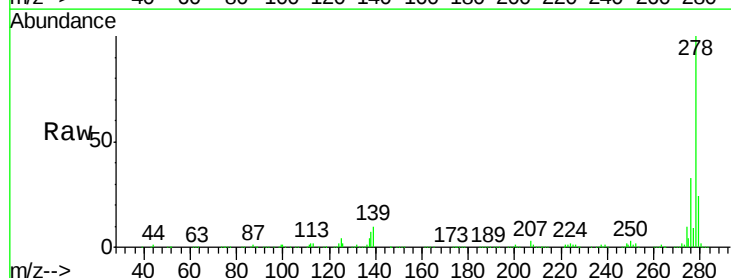
Tgt Ion:278 Resp: 840558

Ion Ratio Lower Upper

278 100

139 10.3 9.9 14.9

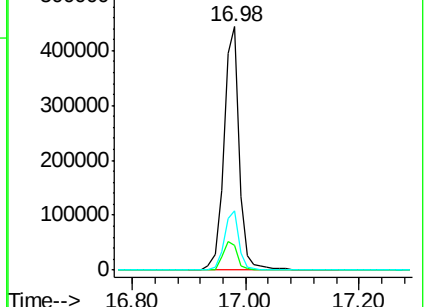
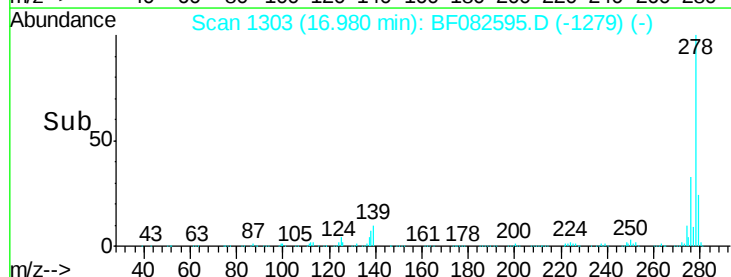
279 24.1 19.6 29.4

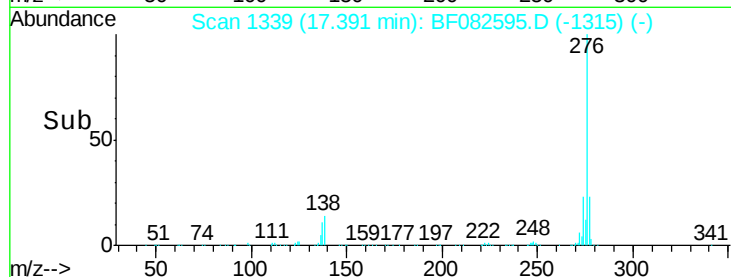
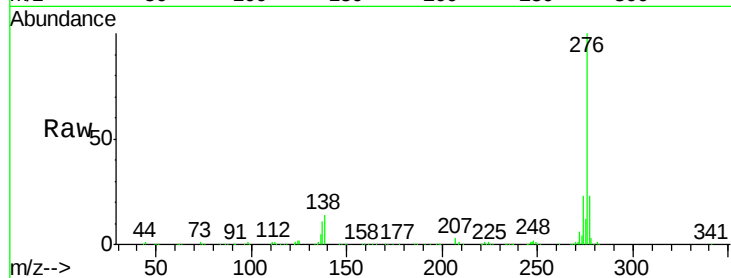
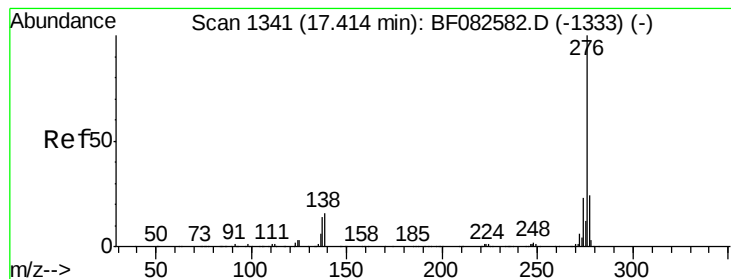


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 41.72 ng

RT: 17.39 min Scan# 1339

Delta R.T. -0.02 min

Lab File: BF082595.D

Acq: 31 Oct 2015 2:30

Instrument :

BNA_F

ClientSampleId :

PB86203BS

Tgt Ion: 276 Resp: 813276

Ion Ratio Lower Upper

276 100

277 23.4 19.2 28.8

138 13.7 13.1 19.7

