

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
 Data File : BF082597.D
 Acq On : 31 Oct 2015 3:28
 Operator : UM/IZ
 Sample : PB86326BSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86326BSD

Quant Time: Oct 31 04:11:45 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	199024	20.00	ng	-0.01
21) Naphthalene-d8	8.19	136	778938	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	428137	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	786897	20.00	ng	0.00
75) Chrysene-d12	14.08	240	603358	20.00	ng	0.00
86) Perylene-d12	15.53	264	452384	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	1118811	84.67	ng	0.01
7) Phenol-d6	6.53	99	1413135	80.50	ng	0.00
23) Nitrobenzene-d5	7.47	82	1546768	81.09	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	363780	77.64	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	2374266	78.74	ng	0.00
78) Terphenyl-d14	13.02	244	2097306	76.07	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.62	88	199321	32.63	ng	90
3) Pyridine	3.36	79	554684	30.97	ng	96
4) n-Nitrosodimethylamine	3.30	42	370868	36.78	ng	97
6) Aniline	6.57	93	648610	26.54	ng	98
8) 2-Chlorophenol	6.69	128	578181	40.44	ng	99
9) Benzaldehyde	6.44	77	244610	20.41	ng	97
10) Phenol	6.54	94	733949	36.90	ng	99
11) bis(2-Chloroethyl)ether	6.64	93	537564	36.63	ng	97
12) 1,3-Dichlorobenzene	6.84	146	589599	36.16	ng	99
13) 1,4-Dichlorobenzene	6.92	146	641212	39.66	ng	98
14) 1,2-Dichlorobenzene	7.08	146	588542	39.21	ng	97
15) Benzyl Alcohol	7.05	79	682820	41.71	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.18	45	957585	41.06	ng	98
17) 2-Methylphenol	7.16	107	509531	41.91	ng	96
18) Hexachloroethane	7.42	117	252002	39.94	ng	93
19) n-Nitroso-di-n-propylamine	7.32	70	490018	36.82	ng	98
20) 3+4-Methylphenols	7.31	107	590889	37.40	ng	94
22) Acetophenone	7.31	105	894012	38.98	ng	# 78
24) Nitrobenzene	7.48	77	710878	36.87	ng	# 85
25) Isophorone	7.73	82	1345256	38.33	ng	100
26) 2-Nitrophenol	7.80	139	266205	37.80	ng	96
27) 2,4-Dimethylphenol	7.85	122	546064	39.72	ng	98
28) bis(2-Chloroethoxy)methane	7.94	93	722169	37.62	ng	98
29) 2,4-Dichlorophenol	8.05	162	513148	40.95	ng	98
30) 1,2,4-Trichlorobenzene	8.13	180	517080	37.18	ng	99
31) Naphthalene	8.21	128	1517429	36.00	ng	100
32) Benzoic acid	7.97	122	389625	39.06	ng	99
33) 4-Chloroaniline	8.26	127	310785	17.27	ng	# 92
34) Hexachlorobutadiene	8.34	225	343042	38.78	ng	99
35) Caprolactam	8.64	113	122780	31.93	ng	# 82
36) 4-Chloro-3-methylphenol	8.75	107	618724	41.93	ng	# 83
37) 2-Methylnaphthalene	8.91	142	1156994	42.36	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	554836	38.84	ng	98
40) Hexachlorocyclopentadiene	9.07	237	755657	84.13	ng	99

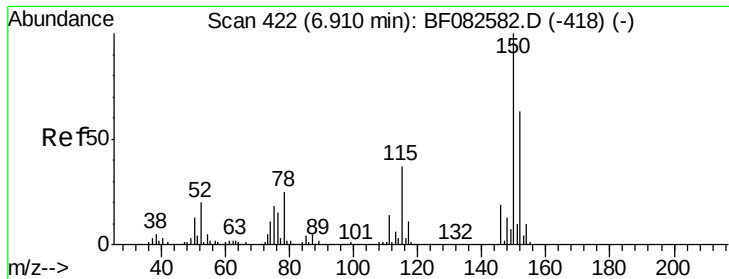
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	413858	40.12	ng	99
43) 2,4,5-Trichlorophenol	9.22	196	354336	34.47	ng	96
45) 1,1'-Biphenyl	9.38	154	1392908	38.52	ng	99
46) 2-Chloronaphthalene	9.40	162	1091543	38.65	ng	98
47) 2-Nitroaniline	9.48	65	386428	35.20	ng	96
48) Acenaphthylene	9.81	152	1710425	37.87	ng	99
49) Dimethylphthalate	9.68	163	1223725	35.00	ng	99
50) 2,6-Dinitrotoluene	9.73	165	303526	41.88	ng	99
51) Acenaphthene	9.98	154	1204093	41.99	ng	99
52) 3-Nitroaniline	9.89	138	162168	20.11	ng	96
53) 2,4-Dinitrophenol	10.01	184	316419	81.79	ng	# 10
54) Dibenzofuran	10.16	168	1400250	35.99	ng	98
55) 4-Nitrophenol	10.05	139	479545	79.05	ng	# 64
56) 2,4-Dinitrotoluene	10.13	165	358226	36.55	ng	# 86
57) Fluorene	10.50	166	1151609	36.69	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.27	232	327676	37.72	ng	97
59) Diethylphthalate	10.38	149	1416558	39.79	ng	98
60) 4-Chlorophenyl-phenylether	10.50	204	599152	39.28	ng	95
61) 4-Nitroaniline	10.51	138	254632	33.09	ng	96
62) Azobenzene	10.65	77	1614598	40.22	ng	84
64) 4,6-Dinitro-2-methylphenol	10.54	198	222995	46.99	ng	95
65) n-Nitrosodiphenylamine	10.61	169	1119582	41.39	ng	100
66) 4-Bromophenyl-phenylether	10.98	248	343663	38.54	ng	# 62
67) Hexachlorobenzene	11.05	284	385396	38.98	ng	91
68) Atrazine	11.14	200	336647	38.04	ng	99
69) Pentachlorophenol	11.24	266	529079	81.15	ng	100
70) Phenanthrene	11.46	178	1649199	37.16	ng	100
71) Anthracene	11.52	178	1927544	43.13	ng	99
72) Carbazole	11.66	167	1665753	42.79	ng	100
73) Di-n-butylphthalate	12.01	149	2128434	42.95	ng	100
74) Fluoranthene	12.65	202	1685749	37.15	ng	99
76) Benzidine	12.76	184	581923	21.39	ng	100
77) Pyrene	12.88	202	1718775	38.47	ng	100
79) Butylbenzylphthalate	13.50	149	861317	44.01	ng	97
80) Benzo(a)anthracene	14.07	228	1470536	38.37	ng	100
81) 3,3'-Dichlorobenzidine	14.03	252	278622	21.10	ng	# 97
82) Chrysene	14.10	228	1252334	36.05	ng	100
83) Bis(2-ethylhexyl)phthalate	14.08	149	1139765	44.93	ng	# 98
84) Di-n-octyl phthalate	14.68	149	1590183	40.19	ng	99
85) Indeno(1,2,3-cd)pyrene	16.96	276	1103982	38.51	ng	99
87) Benzo(b)fluoranthene	15.11	252	1293374	41.46	ng	# 98
88) Benzo(k)fluoranthene	15.11	252	1293374	54.42	ng	# 97
89) Benzo(a)pyrene	15.47	252	1018124	41.44	ng	# 97
90) Dibenzo(a,h)anthracene	16.98	278	931452	40.63	ng	99
91) Benzo(g,h,i)perylene	17.39	276	914646	41.17	ng	99

(#) = 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

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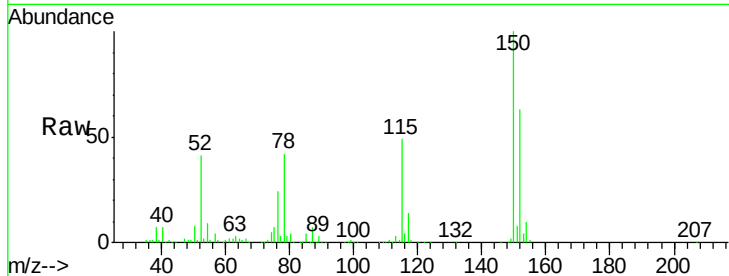
Tgt Ion:152 Resp: 199024

Ion Ratio Lower Upper

152 100

150 159.8 127.0 190.4

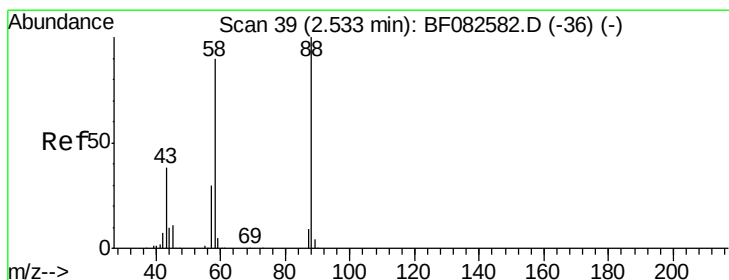
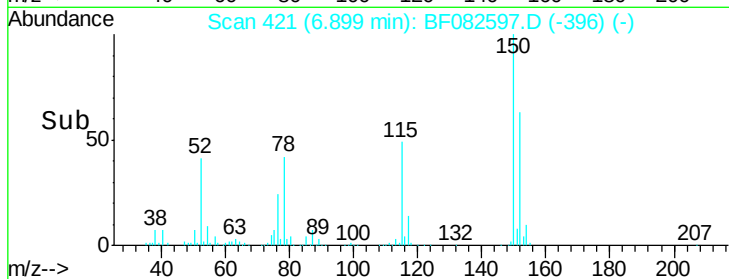
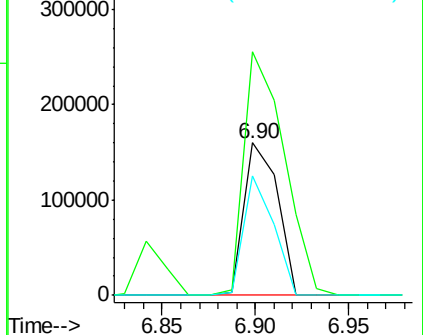
115 78.7 47.0 70.6#



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: 32.63 ng

RT: 2.62 min Scan# 47

Delta R.T. 0.09 min

Lab File: BF082597.D

Acq: 31 Oct 2015 3:28

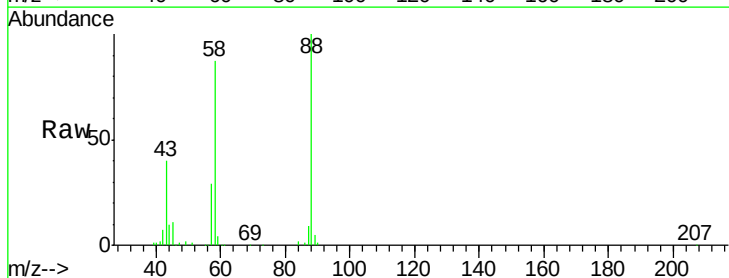
Tgt Ion: 88 Resp: 199321

Ion Ratio Lower Upper

88 100

58 86.8 62.0 93.0

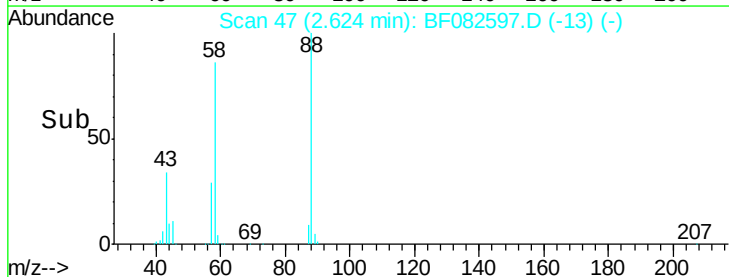
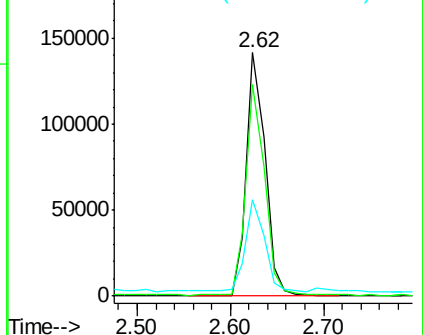
43 38.6 26.6 40.0

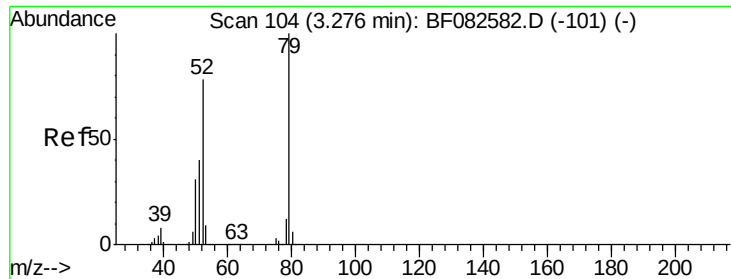


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 30.97 ng

RT: 3.36 min Scan# 111

Delta R.T. 0.08 min

Lab File: BF082597.D

Acq: 31 Oct 2015 3:28

Instrument :

BNA_F

ClientSampleId :

PB86326BSD

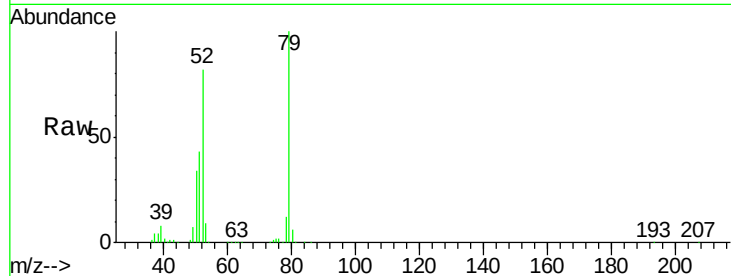
Tgt Ion: 79 Resp: 554684

Ion Ratio Lower Upper

79 100

52 82.1 62.8 94.2

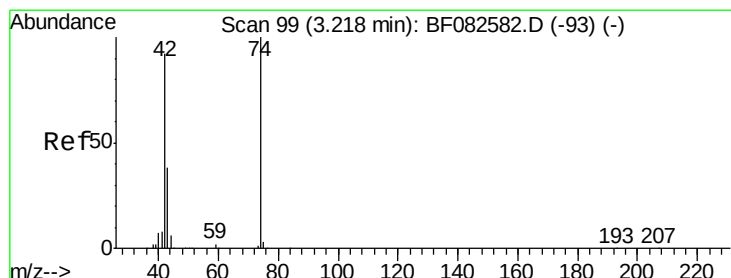
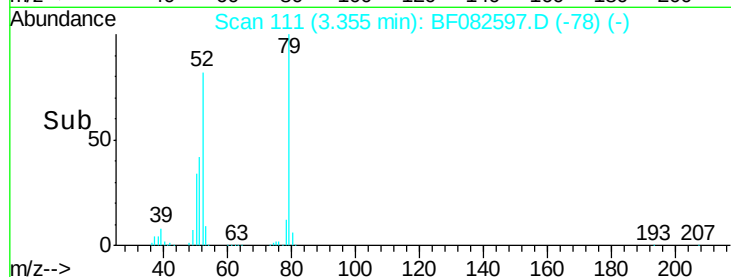
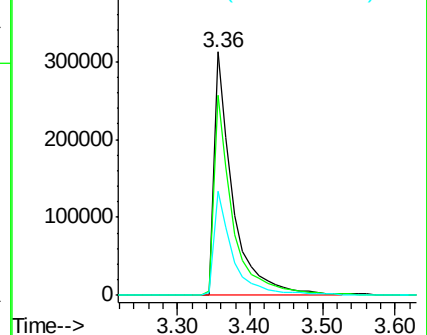
51 42.5 32.0 48.0



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: 36.78 ng

RT: 3.30 min Scan# 106

Delta R.T. 0.08 min

Lab File: BF082597.D

Acq: 31 Oct 2015 3:28

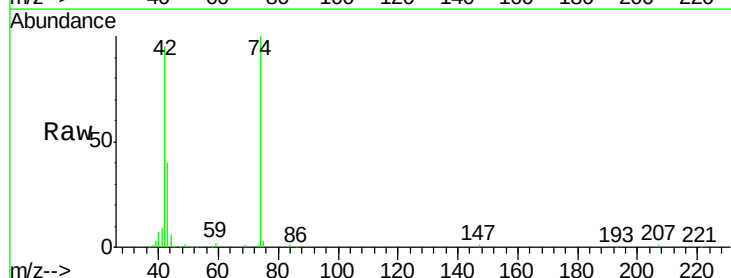
Tgt Ion: 42 Resp: 370868

Ion Ratio Lower Upper

42 100

74 105.2 87.0 130.4

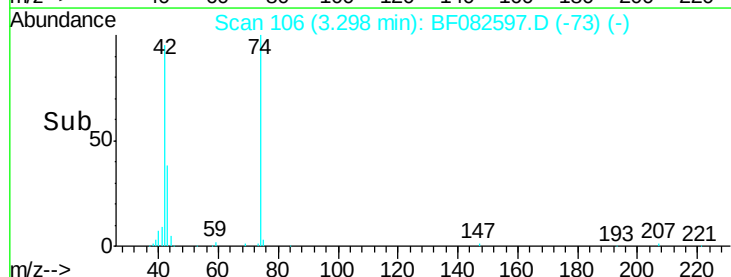
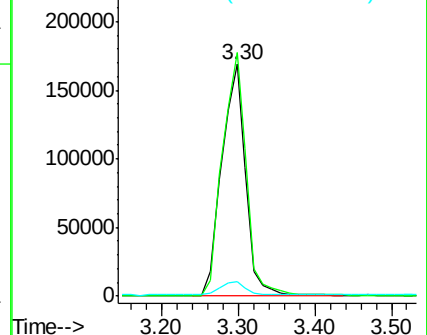
44 6.2 5.8 8.8

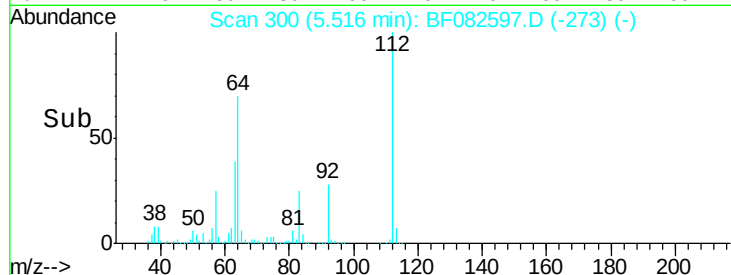
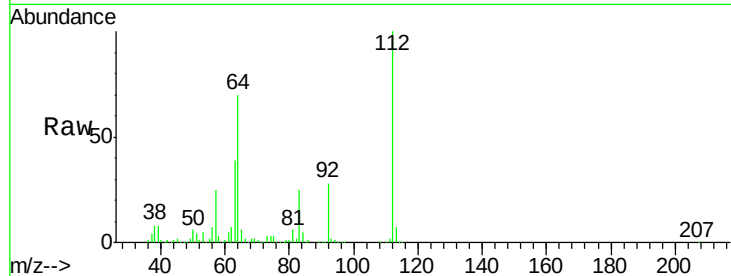
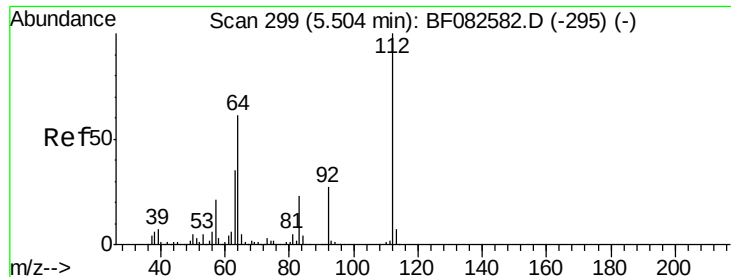


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0

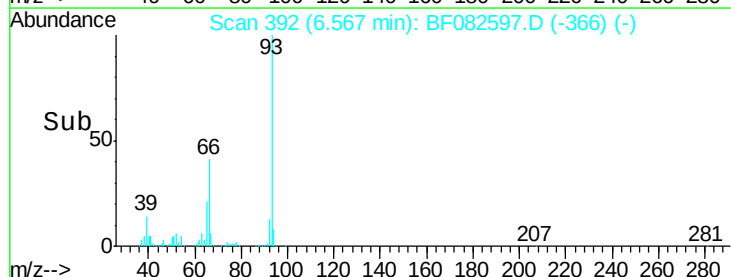
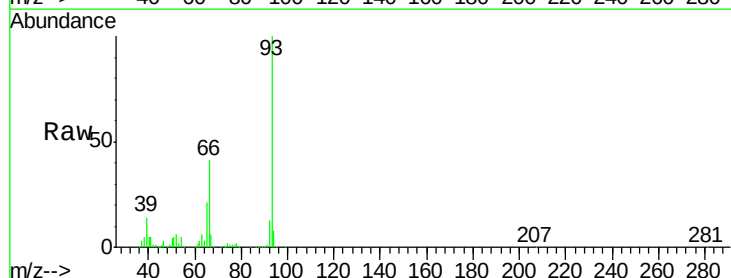
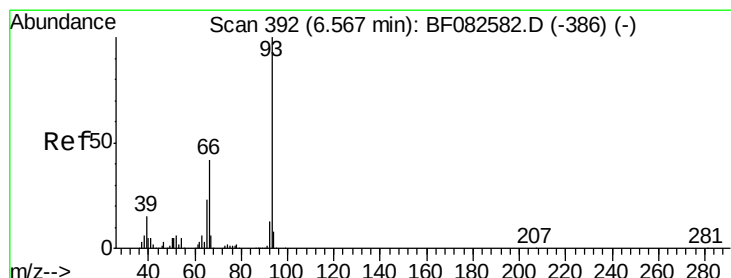
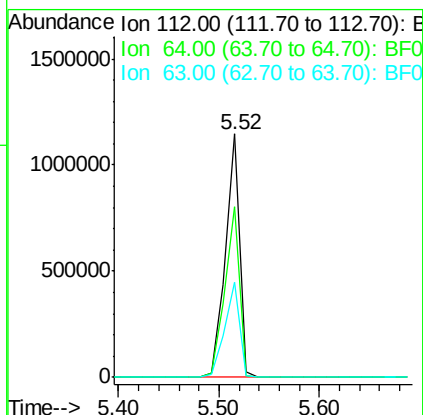




#5
2-Fluorophenol
Concen: 84.67 ng
RT: 5.52 min Scan# 300
Delta R.T. 0.01 min
Lab File: BF082597.D
Acq: 31 Oct 2015 3:28

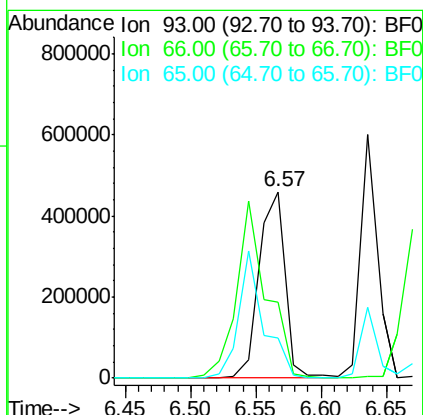
Instrument :
BNA_F
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PB86326BSD

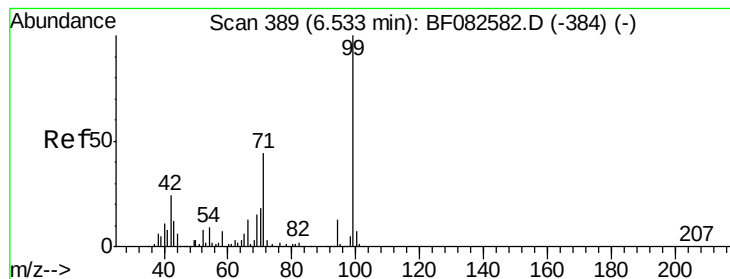
Tgt Ion: 112 Resp: 1118811
Ion Ratio Lower Upper
112 100
64 70.0 48.9 73.3
63 39.2 28.1 42.1



#6
Aniline
Concen: 26.54 ng
RT: 6.57 min Scan# 392
Delta R.T. -0.00 min
Lab File: BF082597.D
Acq: 31 Oct 2015 3:28

Tgt Ion: 93 Resp: 648610
Ion Ratio Lower Upper
93 100
66 40.9 33.6 50.4
65 21.2 18.1 27.1





#7

Phenol-d6

Concen: 80.50 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF082597.D

Acq: 31 Oct 2015 3:28

Instrument :

BNA_F

ClientSampleId :

PB86326BSD

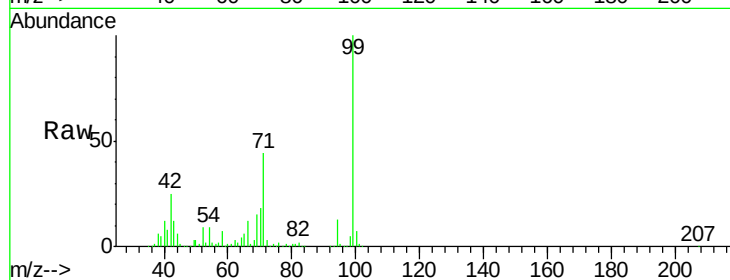
Tgt Ion: 99 Resp: 1413135

Ion Ratio Lower Upper

99 100

42 25.0 19.2 28.8

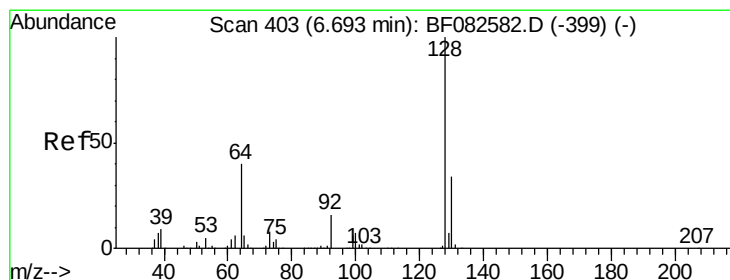
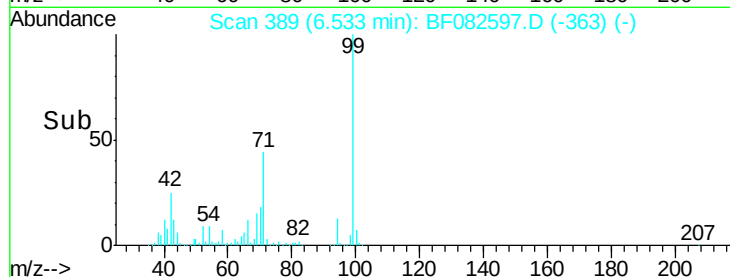
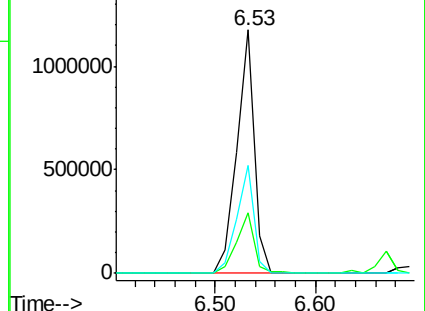
71 44.2 35.0 52.4



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: 40.44 ng

RT: 6.69 min Scan# 403

Delta R.T. -0.00 min

Lab File: BF082597.D

Acq: 31 Oct 2015 3:28

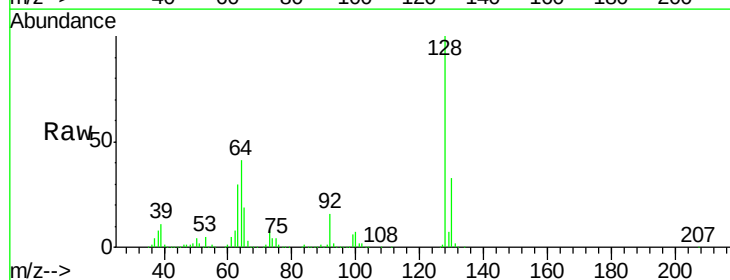
Tgt Ion: 128 Resp: 578181

Ion Ratio Lower Upper

128 100

130 33.2 13.5 53.5

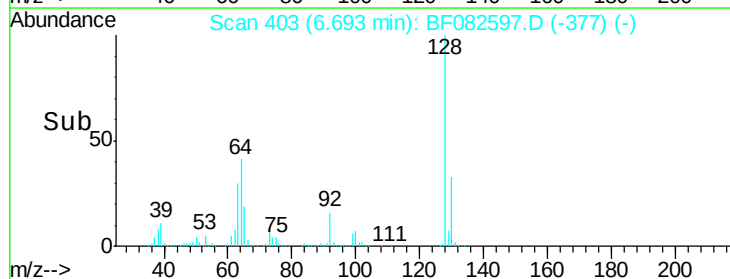
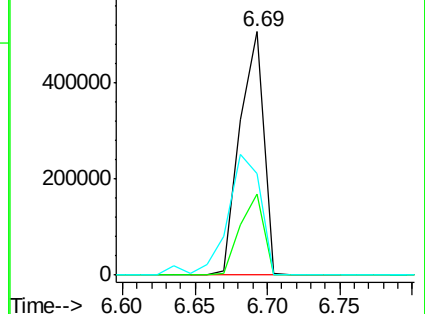
64 41.5 21.1 61.1

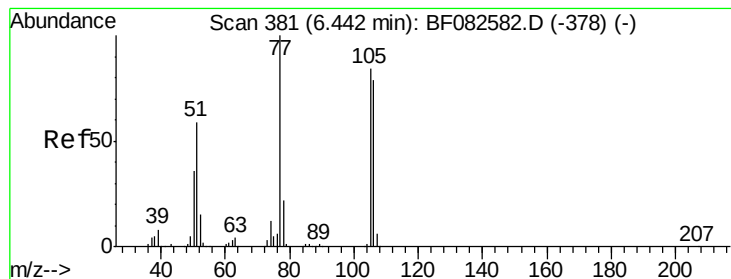


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 20.41 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF082597.D

Acq: 31 Oct 2015 3:28

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ClientSampleId :

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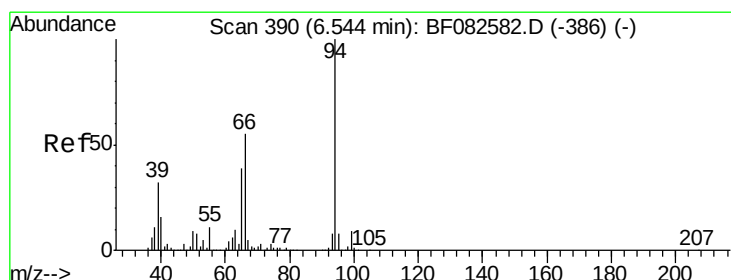
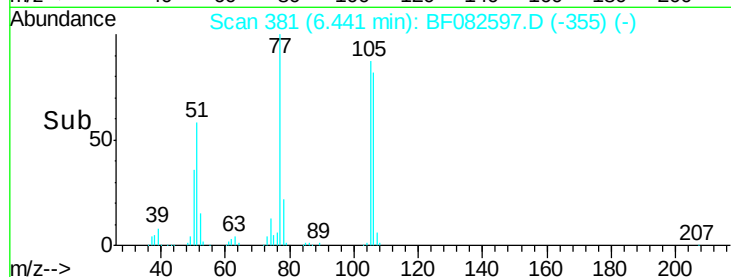
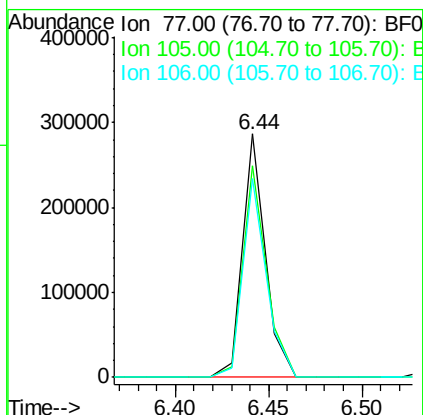
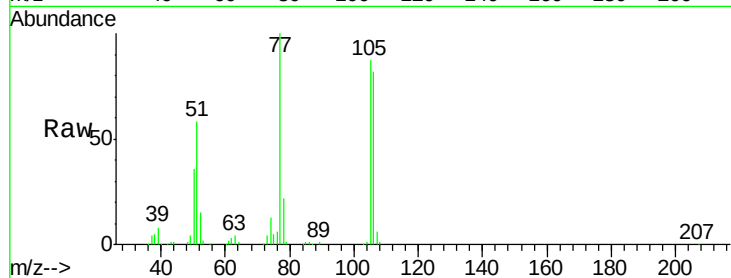
Tgt Ion: 77 Resp: 244610

Ion Ratio Lower Upper

77 100

105 87.0 63.5 103.5

106 81.8 59.3 99.3



#10

Phenol

Concen: 36.90 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.00 min

Lab File: BF082597.D

Acq: 31 Oct 2015 3:28

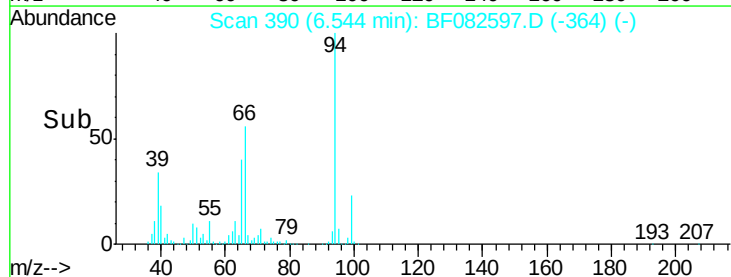
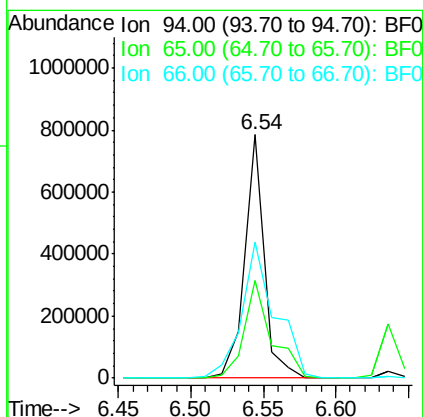
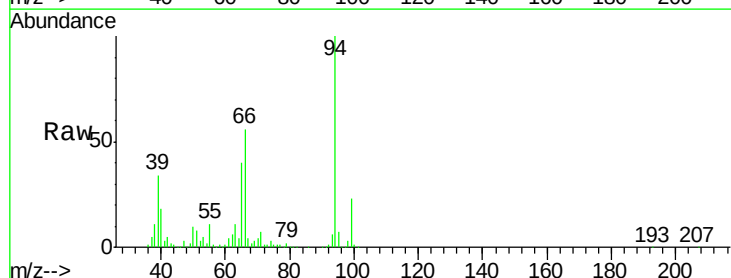
Tgt Ion: 94 Resp: 733949

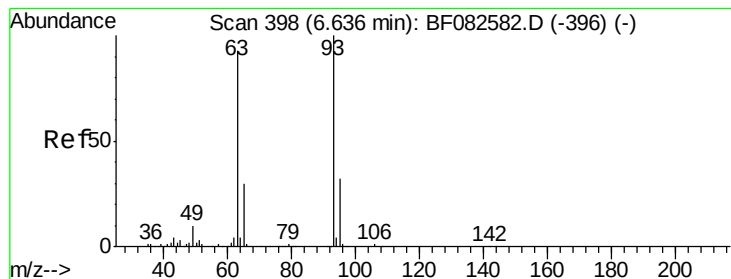
Ion Ratio Lower Upper

94 100

65 40.0 18.9 58.9

66 55.8 34.9 74.9





#11

bis(2-Chloroethyl)ether

Concen: 36.63 ng

RT: 6.64 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF082597.D

Acq: 31 Oct 2015 3:28

Instrument :

BNA_F

ClientSampleId :

PB86326BSD

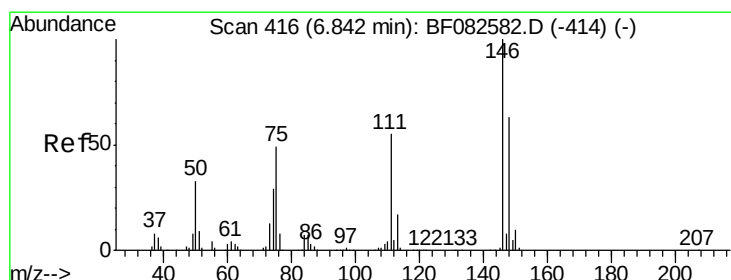
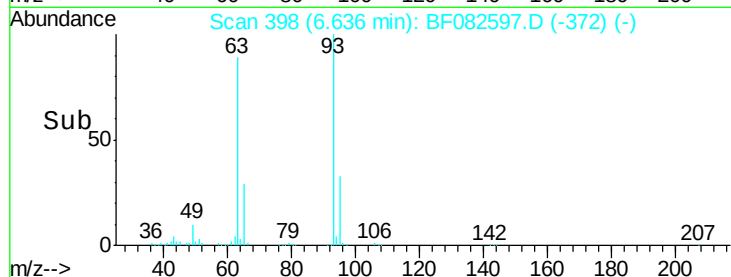
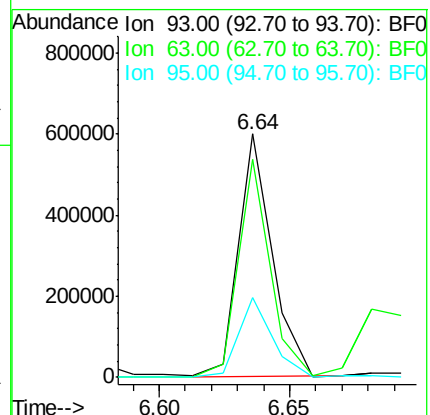
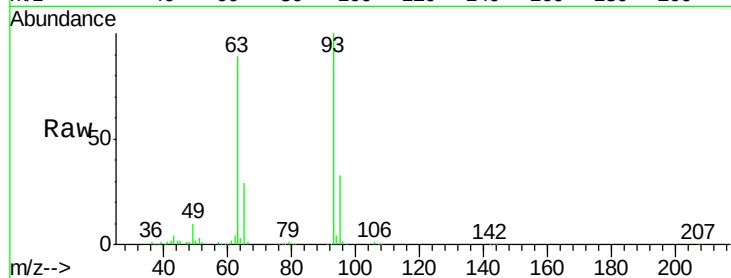
Tgt Ion: 93 Resp: 537564

Ion Ratio Lower Upper

93 100

63 89.3 72.7 112.7

95 33.0 12.0 52.0



#12

1,3-Dichlorobenzene

Concen: 36.16 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.00 min

Lab File: BF082597.D

Acq: 31 Oct 2015 3:28

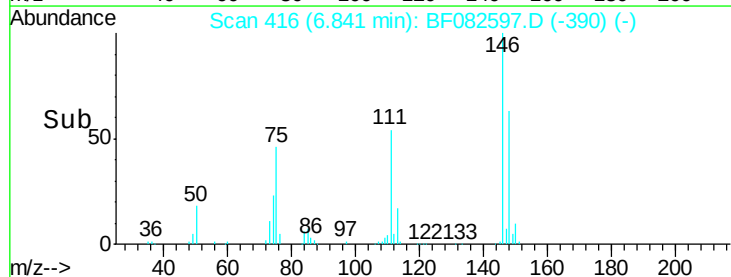
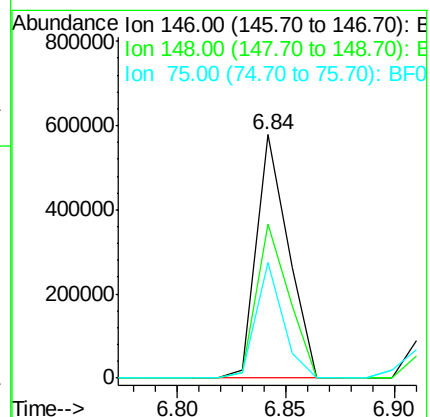
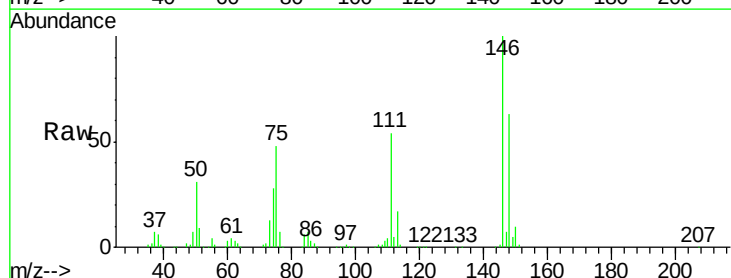
Tgt Ion: 146 Resp: 589599

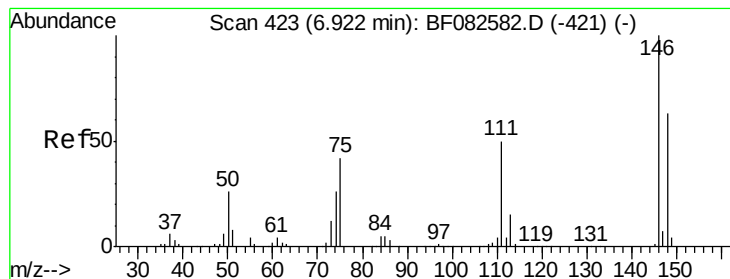
Ion Ratio Lower Upper

146 100

148 63.4 50.5 75.7

75 47.5 39.5 59.3

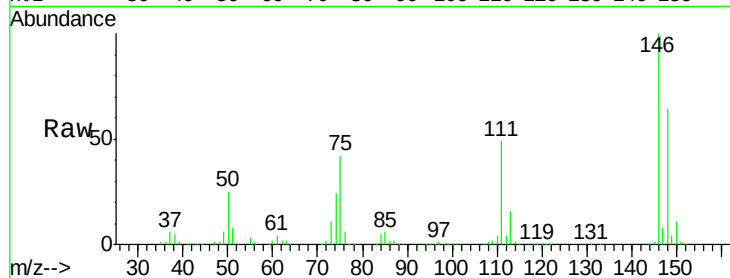




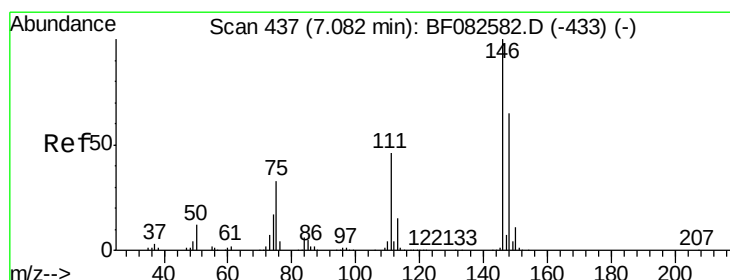
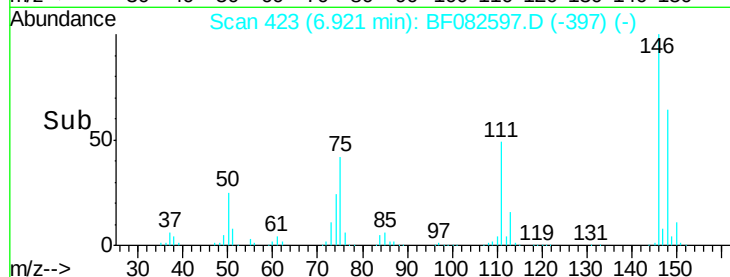
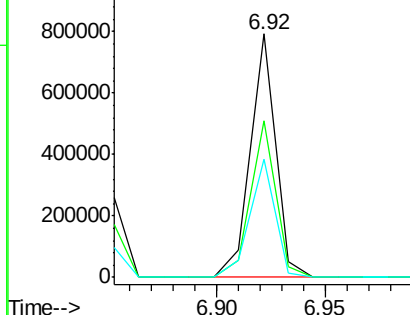
#13
 1,4-Dichlorobenzene
 Concen: 39.66 ng
 RT: 6.92 min Scan# 423
 Delta R.T. -0.00 min
 Lab File: BF082597.D
 Acq: 31 Oct 2015 3:28

Instrument :
 BNA_F
 ClientSampleId :
 PB86326BSD

Tgt Ion:146 Resp: 641212
 Ion Ratio Lower Upper
 146 100
 148 64.4 50.8 76.2
 111 48.7 40.6 60.8

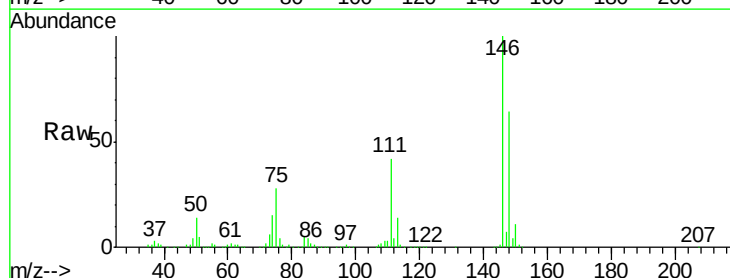


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

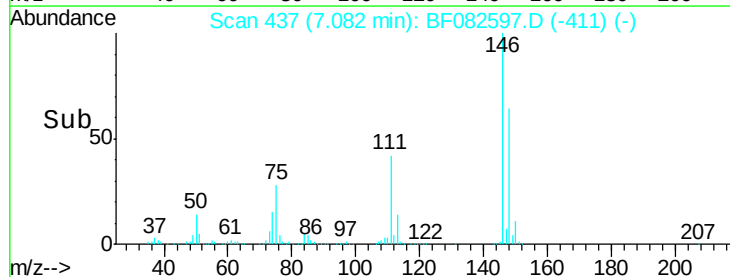
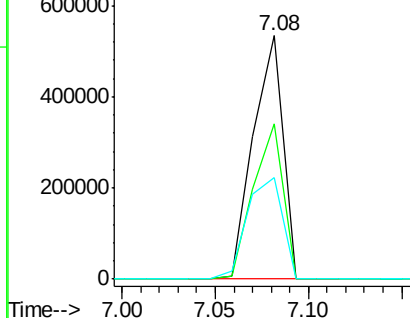


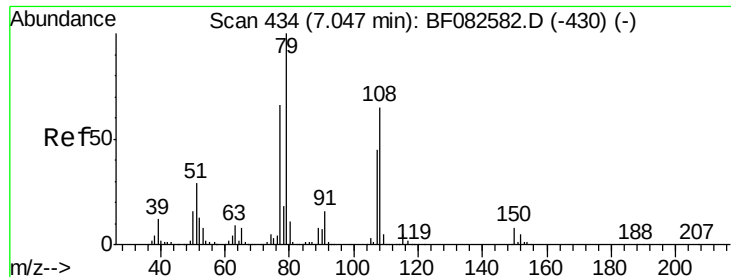
#14
 1,2-Dichlorobenzene
 Concen: 39.21 ng
 RT: 7.08 min Scan# 437
 Delta R.T. -0.00 min
 Lab File: BF082597.D
 Acq: 31 Oct 2015 3:28

Tgt Ion:146 Resp: 588542
 Ion Ratio Lower Upper
 146 100
 148 63.9 52.2 78.4
 111 41.9 36.6 55.0



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





#15

Benzyl Alcohol

Concen: 41.71 ng

RT: 7.05 min Scan# 434

Delta R.T. -0.00 min

Lab File: BF082597.D

Acq: 31 Oct 2015 3:28

Instrument :

BNA_F

ClientSampleId :

PB86326BSD

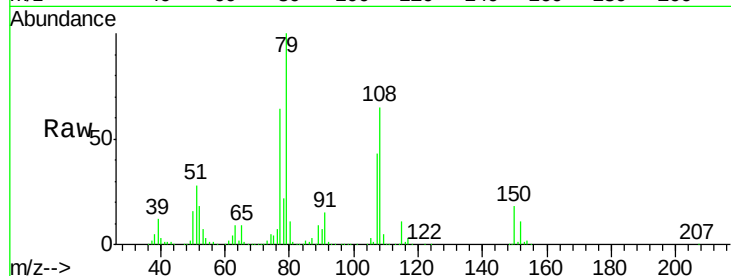
Tgt Ion: 79 Resp: 682820

Ion Ratio Lower Upper

79 100

108 64.8 52.2 78.4

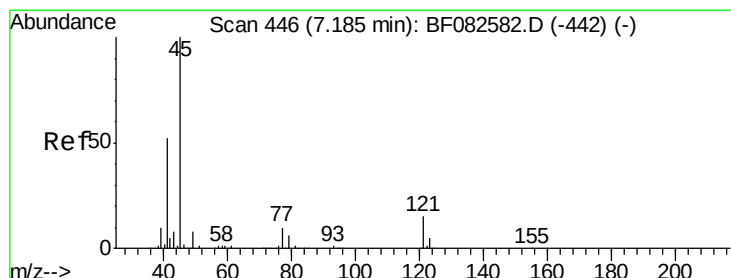
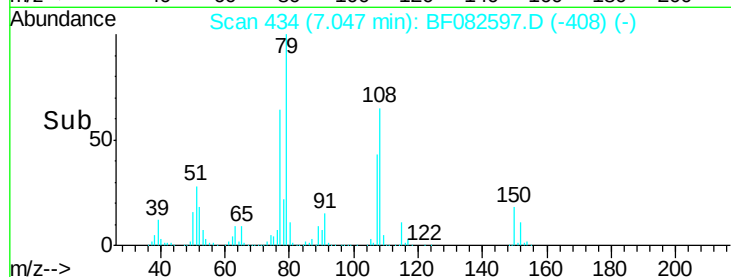
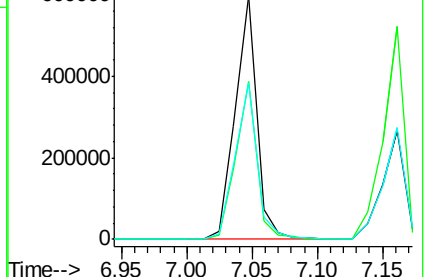
77 64.1 52.7 79.1



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.06 ng

RT: 7.18 min Scan# 446

Delta R.T. -0.00 min

Lab File: BF082597.D

Acq: 31 Oct 2015 3:28

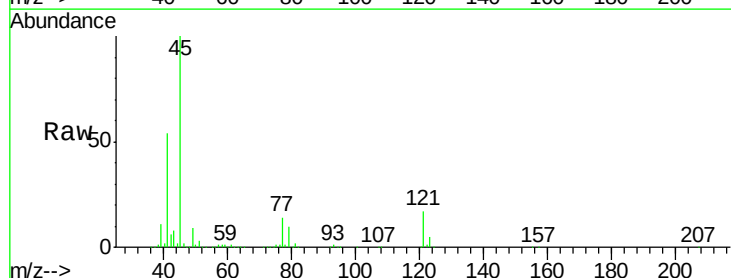
Tgt Ion: 45 Resp: 957585

Ion Ratio Lower Upper

45 100

77 13.7 0.0 32.6

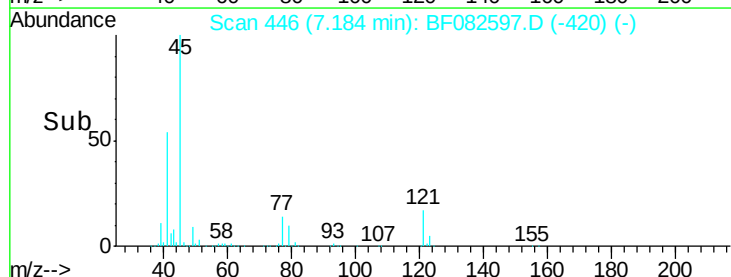
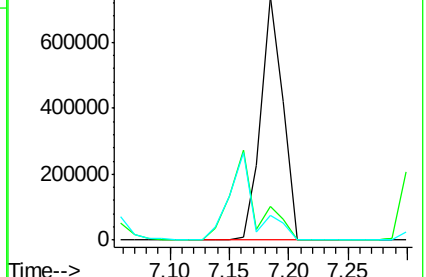
79 10.0 0.0 29.2

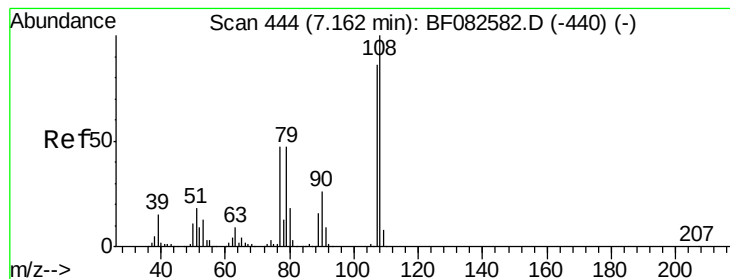


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 41.91 ng

RT: 7.16 min Scan# 444

Delta R.T. -0.00 min

Lab File: BF082597.D

Acq: 31 Oct 2015 3:28

Instrument :

BNA_F

ClientSampleId :

PB86326BSD

Tgt Ion:107 Resp: 509531

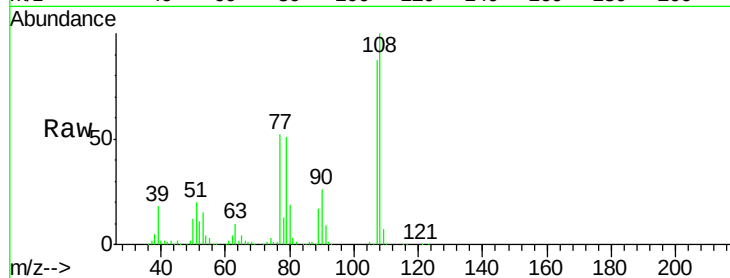
Ion Ratio Lower Upper

107 100

108 115.3 93.0 139.4

77 60.5 44.1 66.1

79 59.0 43.6 65.4

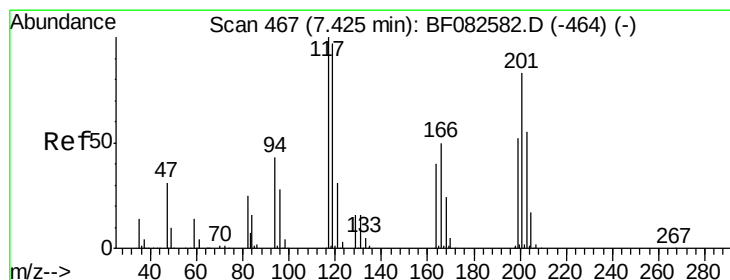
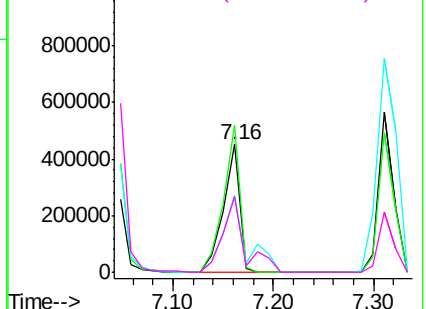
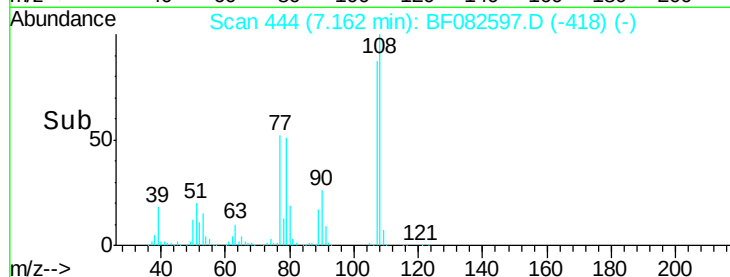


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.94 ng

RT: 7.42 min Scan# 467

Delta R.T. -0.00 min

Lab File: BF082597.D

Acq: 31 Oct 2015 3:28

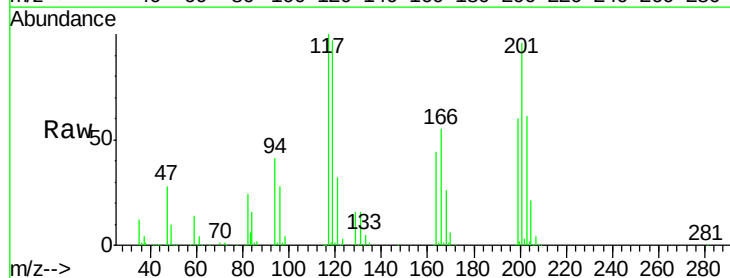
Tgt Ion:117 Resp: 252002

Ion Ratio Lower Upper

117 100

119 96.7 77.7 116.5

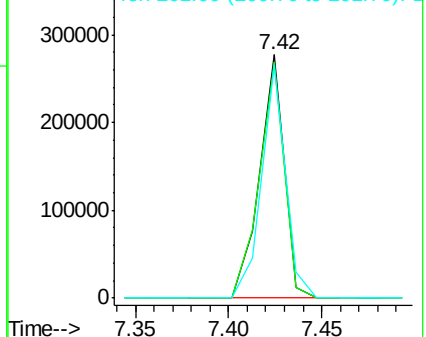
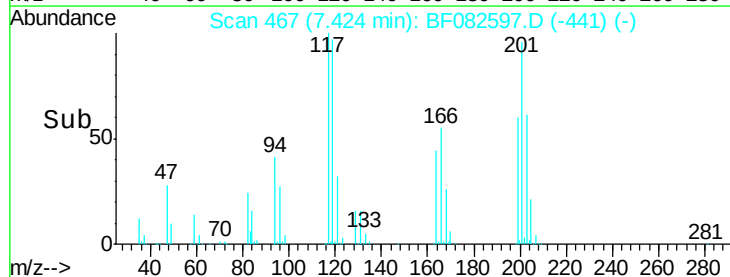
201 96.0 66.7 100.1

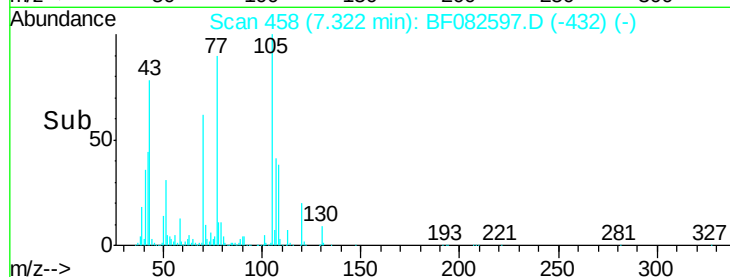
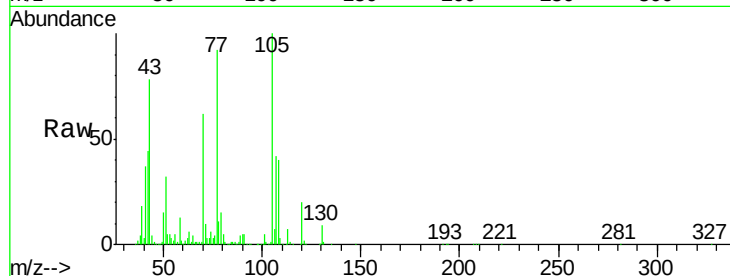
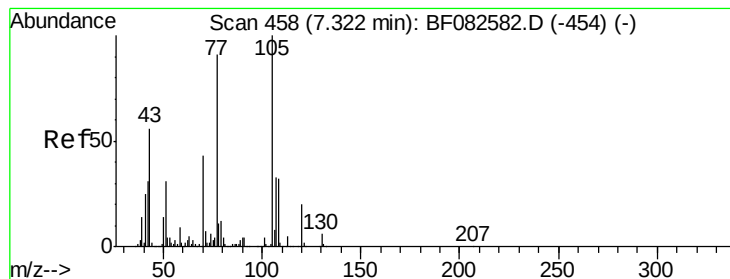


Abundance Ion 117.00 (116.70 to 117.70): E

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: 36.82 ng

RT: 7.32 min Scan# 458

Delta R.T. -0.00 min

Lab File: BF082597.D

Acq: 31 Oct 2015 3:28

Instrument :

BNA_F

ClientSampleId :

PB86326BSD

Tgt Ion: 70 Resp: 490018

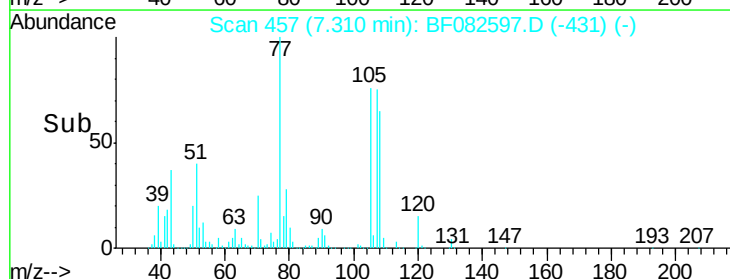
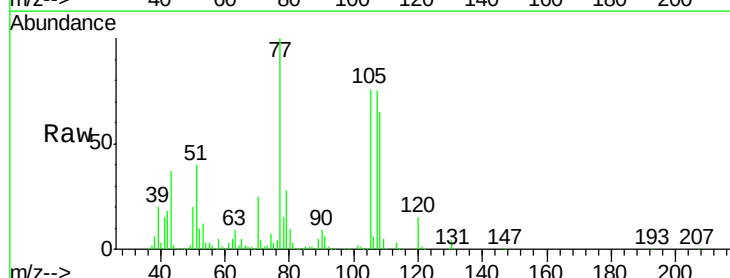
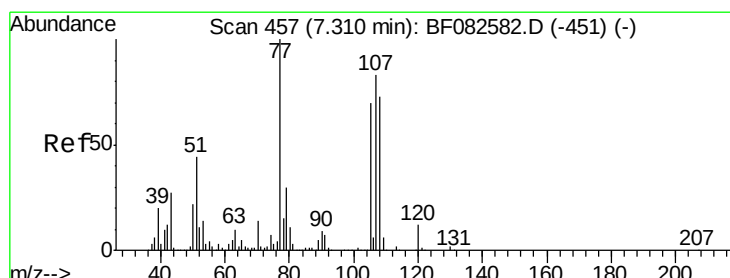
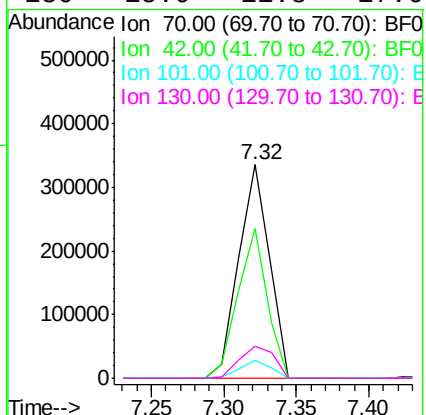
Ion Ratio Lower Upper

70 100

42 70.0 57.7 86.5

101 8.4 7.0 10.6

130 15.0 11.8 17.6



#20

3+4-Methylphenols

Concen: 37.40 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.00 min

Lab File: BF082597.D

Acq: 31 Oct 2015 3:28

Tgt Ion: 107 Resp: 590889

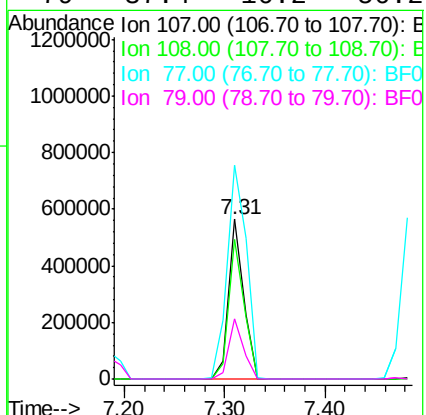
Ion Ratio Lower Upper

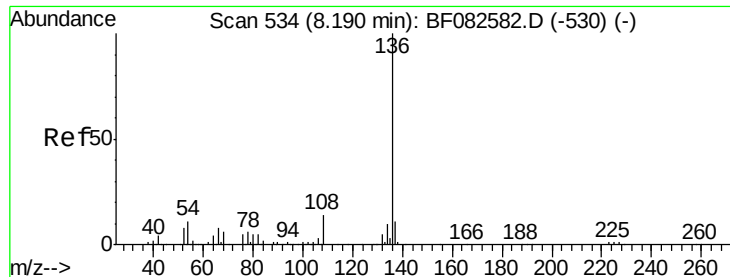
107 100

108 87.6 67.3 107.3

77 133.9 100.3 140.3

79 37.4 16.2 56.2

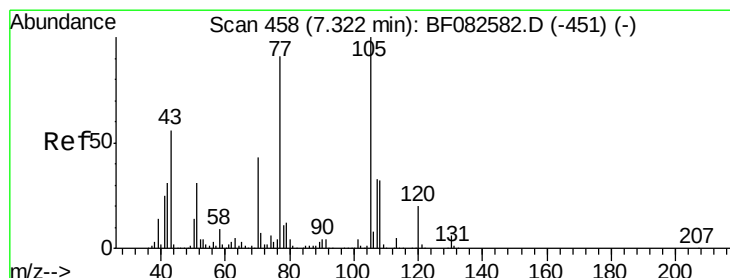
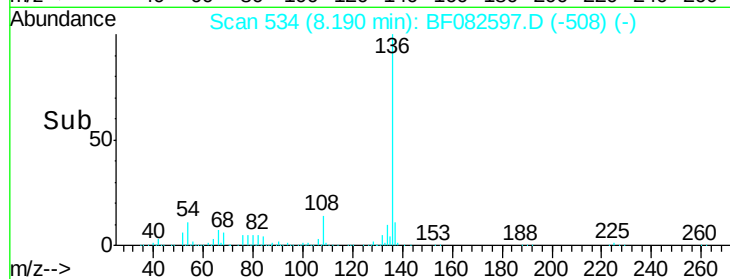
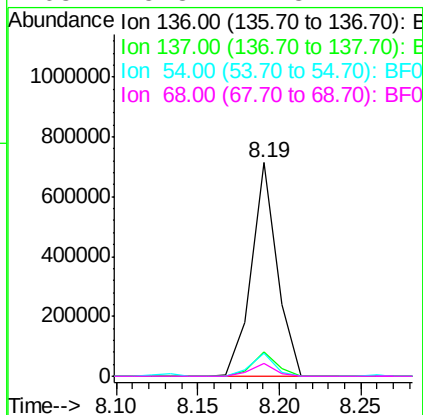
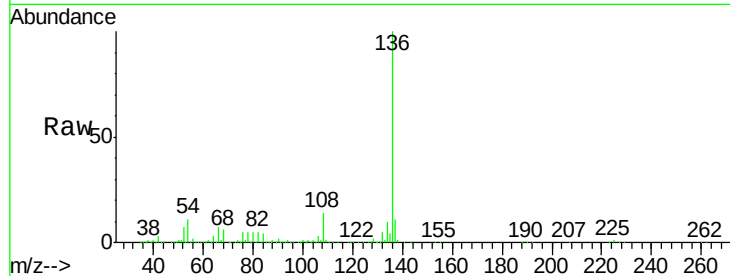




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF082597.D
Acq: 31 Oct 2015 3:28

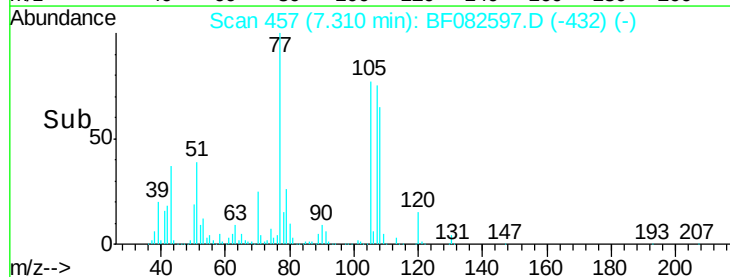
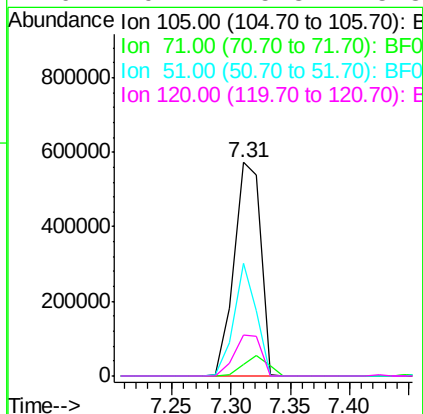
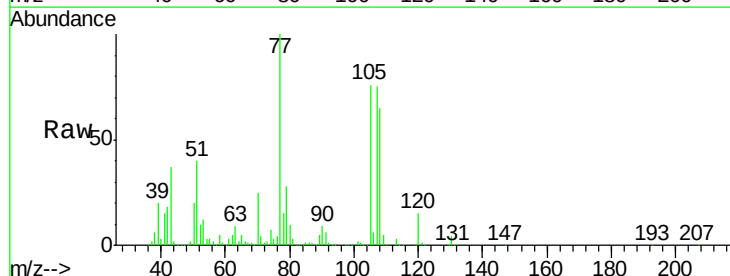
Instrument :
BNA_F
ClientSampleId :
PB86326BSD

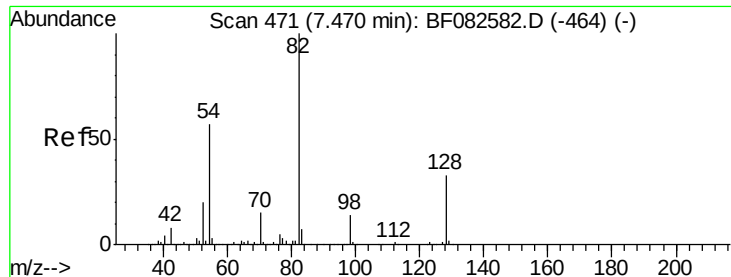
Tgt Ion:	136	Resp:	778938
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.1	13.7
54	10.6	9.1	13.7
68	5.8	4.8	7.2



#22
Acetophenone
Concen: 38.98 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF082597.D
Acq: 31 Oct 2015 3:28

Tgt Ion:	105	Resp:	894012
Ion Ratio	Lower	Upper	
105	100		
71	5.6	5.6	8.4#
51	52.6	24.9	37.3#
120	19.2	15.8	23.8





#23

Nitrobenzene-d5

Concen: 81.09 ng

RT: 7.47 min Scan# 471

Delta R.T. -0.00 min

Lab File: BF082597.D

Acq: 31 Oct 2015 3:28

Instrument :

BNA_F

ClientSampleId :

PB86326BSD

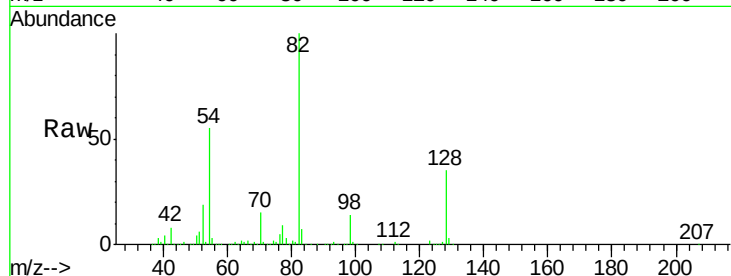
Tgt Ion: 82 Resp: 1546768

Ion Ratio Lower Upper

82 100

128 35.3 26.8 40.2

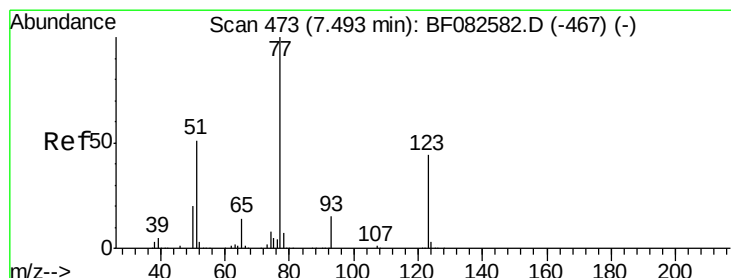
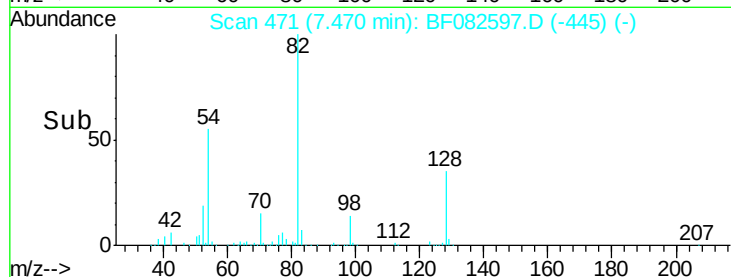
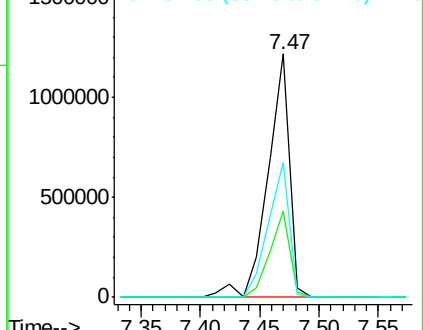
54 55.3 45.7 68.5



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 36.87 ng

RT: 7.48 min Scan# 472

Delta R.T. -0.01 min

Lab File: BF082597.D

Acq: 31 Oct 2015 3:28

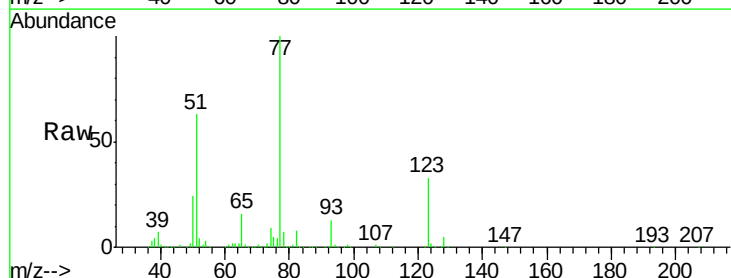
Tgt Ion: 77 Resp: 710878

Ion Ratio Lower Upper

77 100

123 33.1 36.4 54.6#

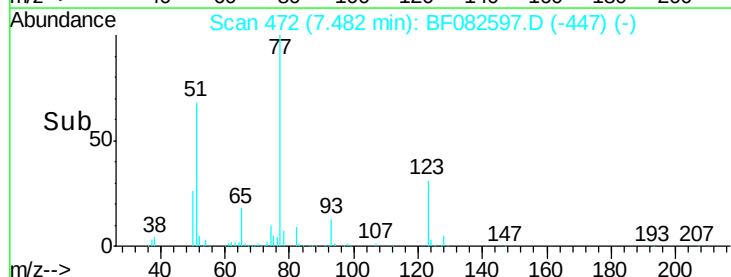
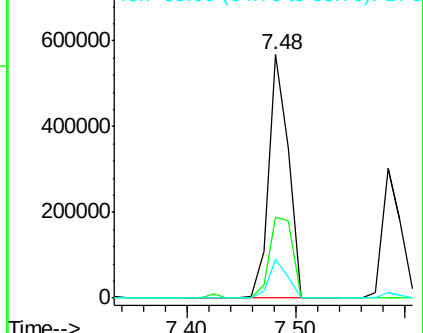
65 15.9 11.5 17.3

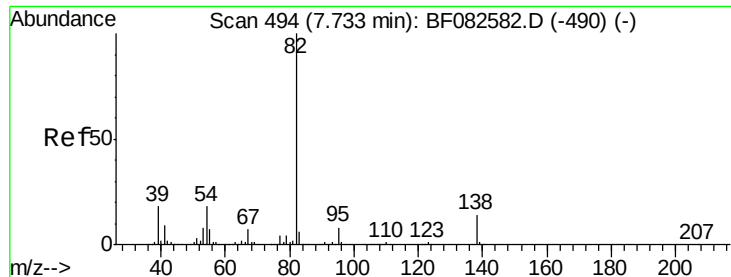


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 38.33 ng

RT: 7.73 min Scan# 494

Delta R.T. -0.00 min

Lab File: BF082597.D

Acq: 31 Oct 2015 3:28

Instrument :

BNA_F

ClientSampleId :

PB86326BSD

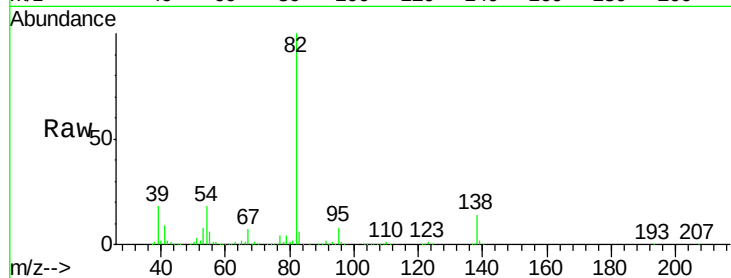
Tgt Ion: 82 Resp: 1345256

Ion Ratio Lower Upper

82 100

95 8.3 6.6 9.8

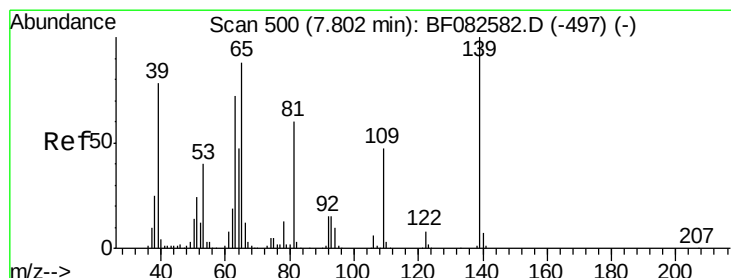
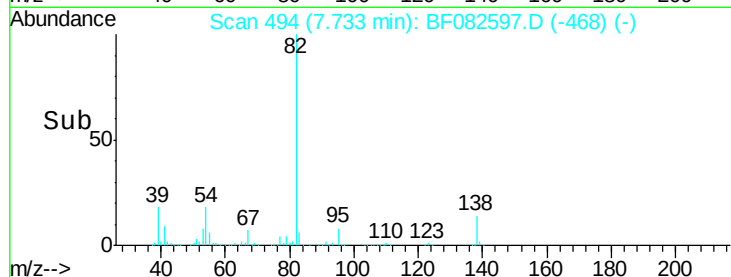
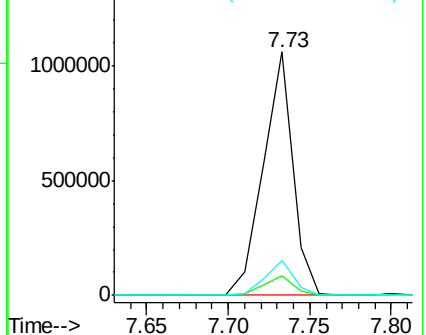
138 14.3 11.4 17.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 37.80 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF082597.D

Acq: 31 Oct 2015 3:28

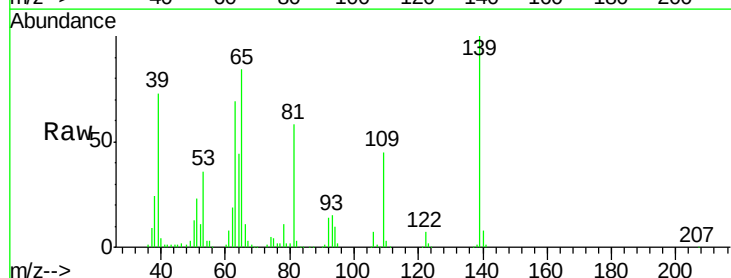
Tgt Ion: 139 Resp: 266205

Ion Ratio Lower Upper

139 100

109 44.6 37.6 56.4

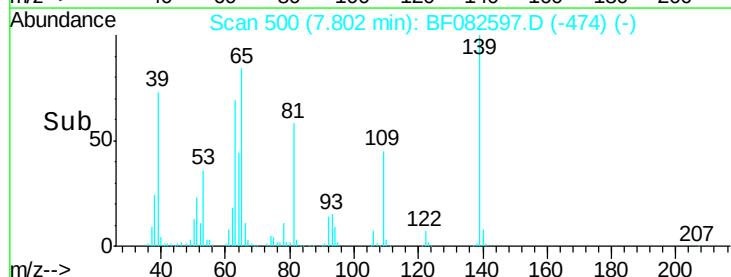
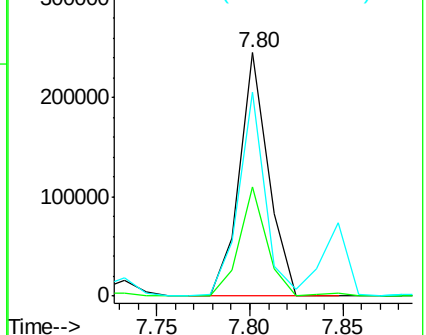
65 83.7 70.6 105.8

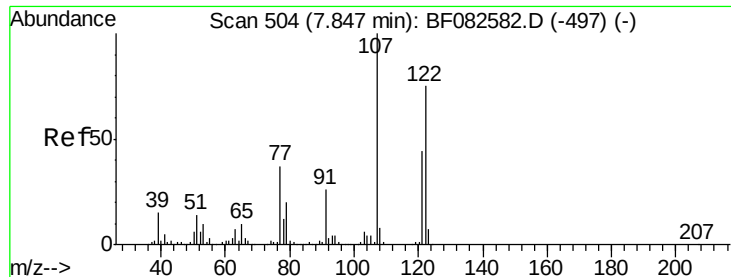


Abundance Ion 139.00 (138.70 to 139.70): BF0

Ion 109.00 (108.70 to 109.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 39.72 ng

RT: 7.85 min Scan# 504

Delta R.T. -0.00 min

Lab File: BF082597.D

Acq: 31 Oct 2015 3:28

Instrument :

BNA_F

ClientSampleId :

PB86326BSD

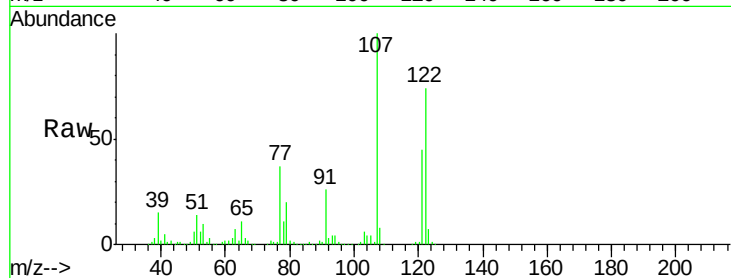
Tgt Ion:122 Resp: 546064

Ion Ratio Lower Upper

122 100

107 134.8 106.0 159.0

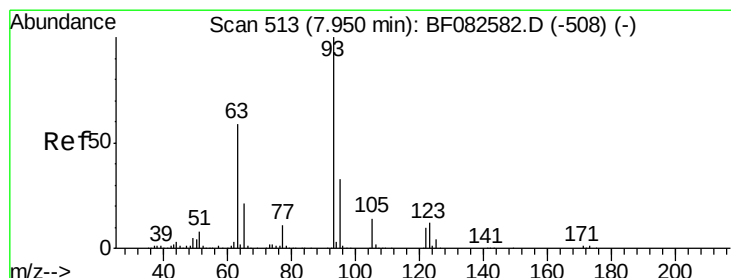
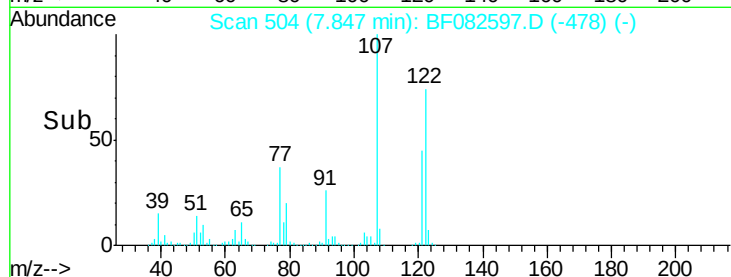
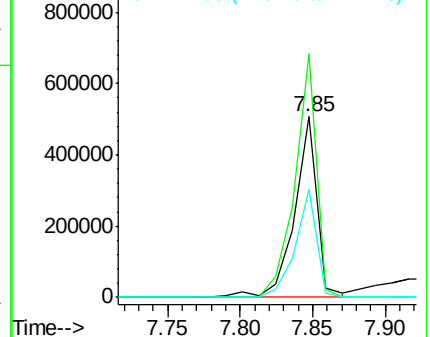
121 60.0 46.7 70.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 37.62 ng

RT: 7.94 min Scan# 512

Delta R.T. -0.01 min

Lab File: BF082597.D

Acq: 31 Oct 2015 3:28

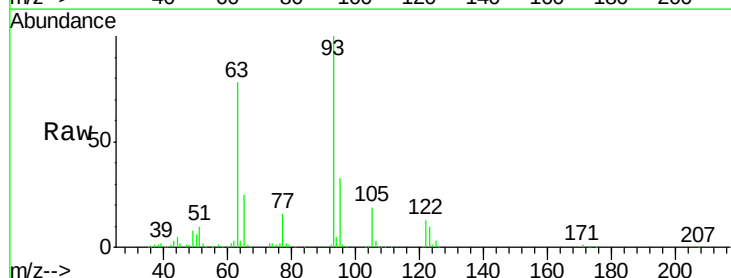
Tgt Ion: 93 Resp: 722169

Ion Ratio Lower Upper

93 100

95 33.1 26.6 40.0

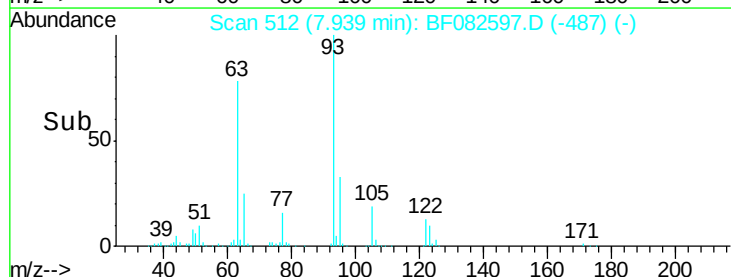
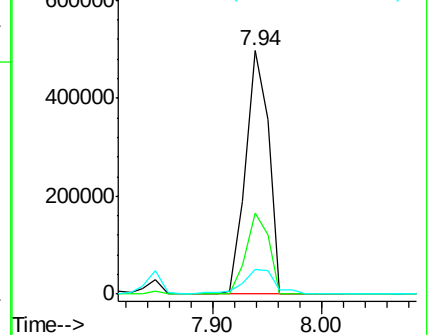
123 10.1 9.7 14.5

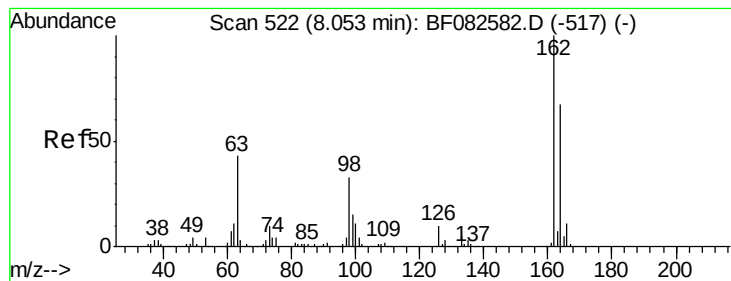


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 40.95 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.00 min

Lab File: BF082597.D

Acq: 31 Oct 2015 3:28

Instrument :

BNA_F

ClientSampleId :

PB86326BSD

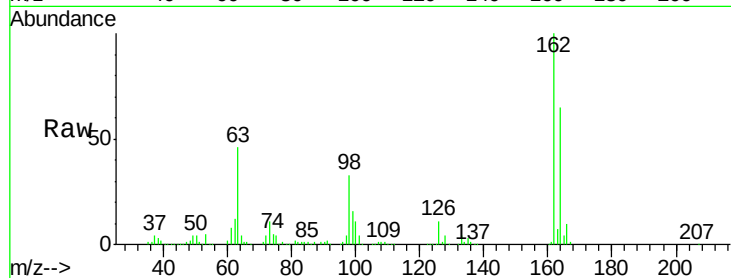
Tgt Ion:162 Resp: 513148

Ion Ratio Lower Upper

162 100

164 65.1 46.8 86.8

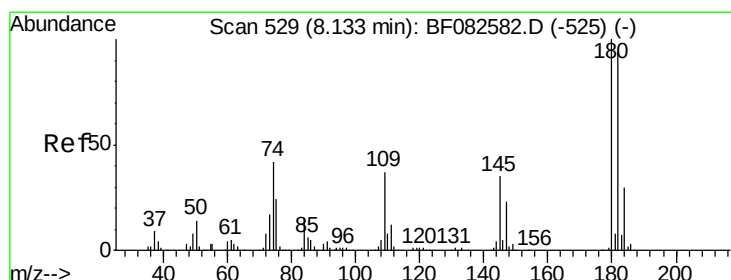
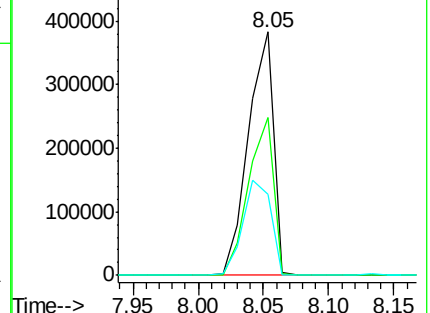
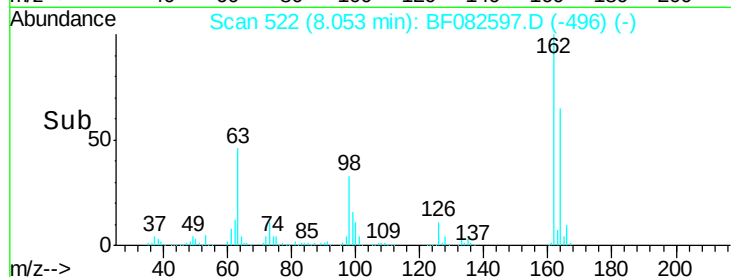
98 33.4 12.5 52.5



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: 37.18 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.00 min

Lab File: BF082597.D

Acq: 31 Oct 2015 3:28

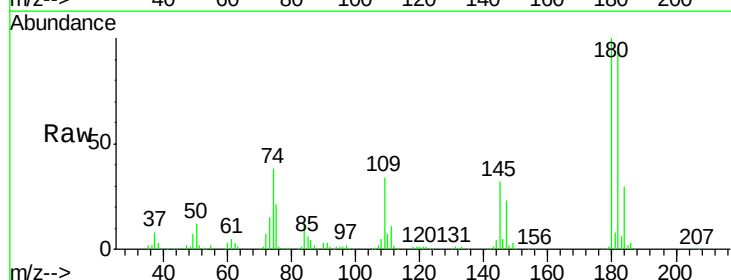
Tgt Ion:180 Resp: 517080

Ion Ratio Lower Upper

180 100

182 93.7 74.9 112.3

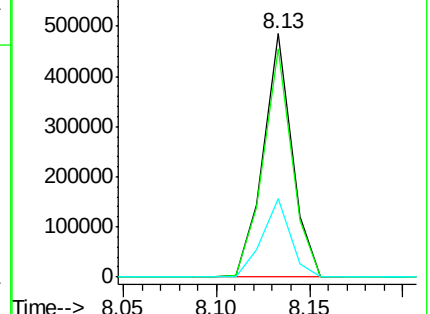
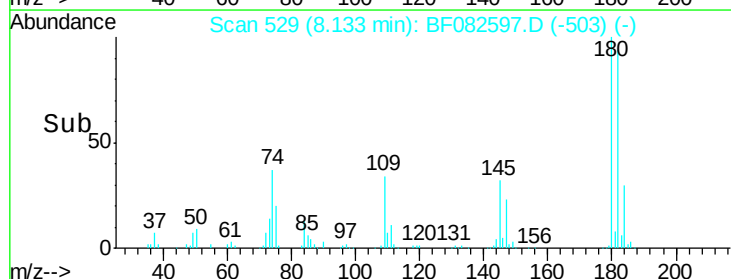
145 32.0 27.8 41.8

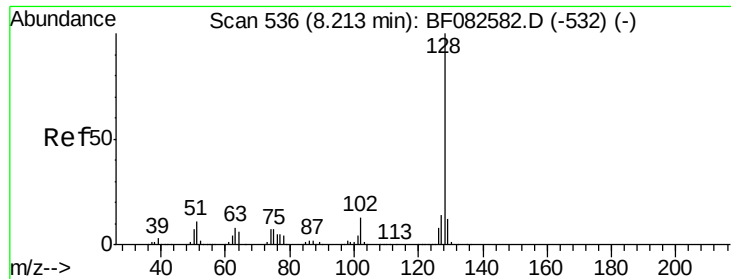


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

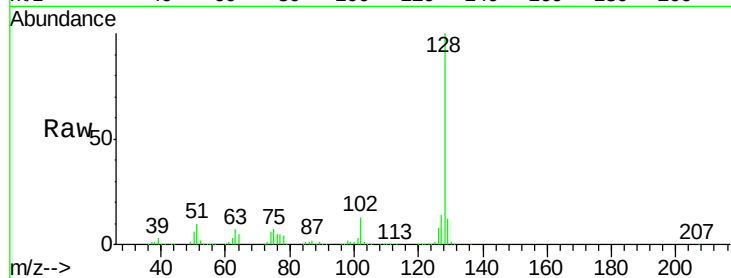




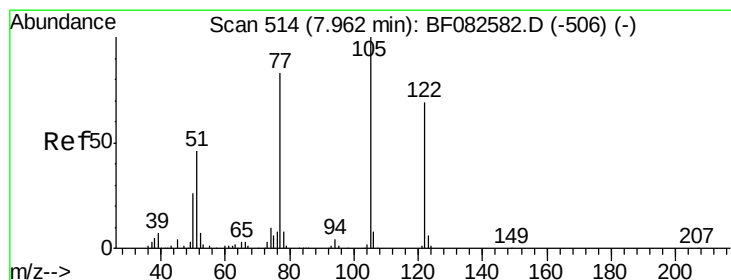
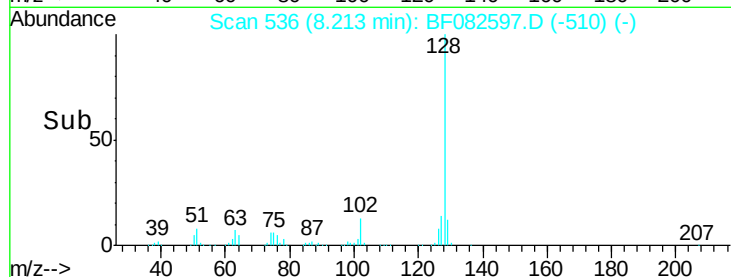
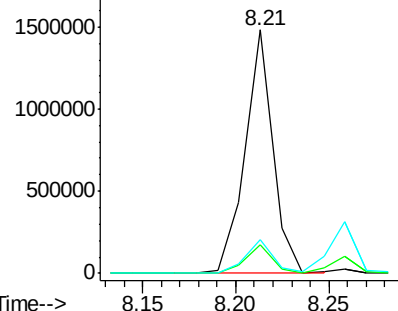
#31
Naphthalene
Concen: 36.00 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.00 min
Lab File: BF082597.D
Acq: 31 Oct 2015 3:28

Instrument :
BNA_F
ClientSampleId :
PB86326BSD

Tgt Ion:128 Resp: 1517429
Ion Ratio Lower Upper
128 100
129 11.8 9.5 14.3
127 14.0 11.4 17.0

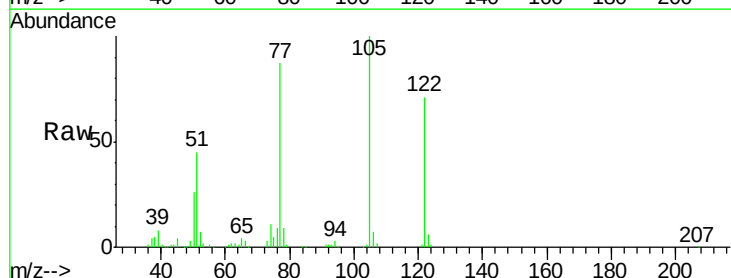


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

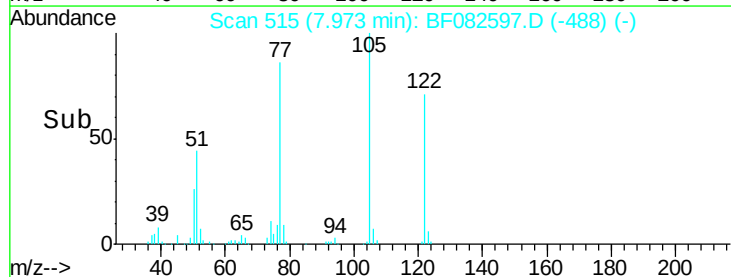
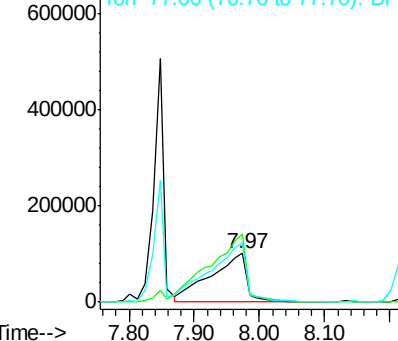


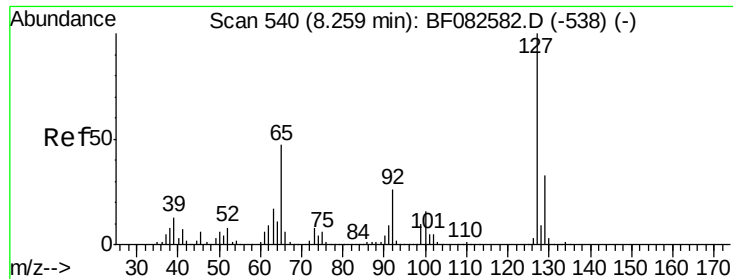
#32
Benzoic acid
Concen: 39.06 ng
RT: 7.97 min Scan# 515
Delta R.T. 0.01 min
Lab File: BF082597.D
Acq: 31 Oct 2015 3:28

Tgt Ion:122 Resp: 389625
Ion Ratio Lower Upper
122 100
105 141.0 122.6 162.6
77 122.2 100.9 140.9



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

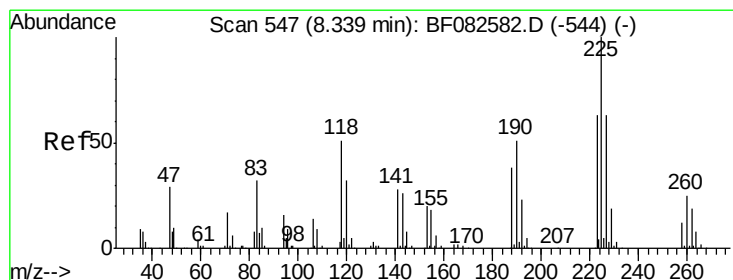
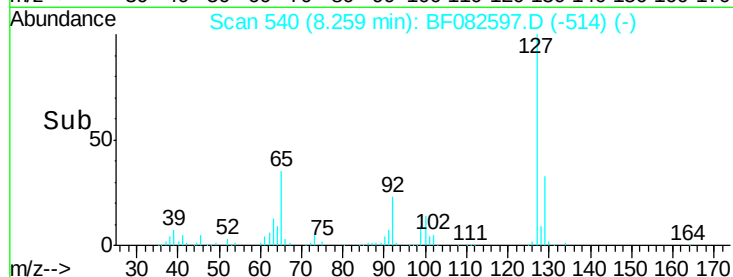
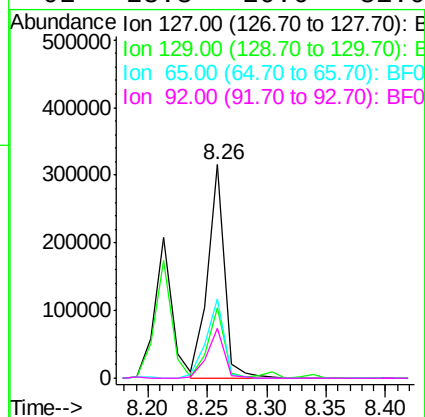
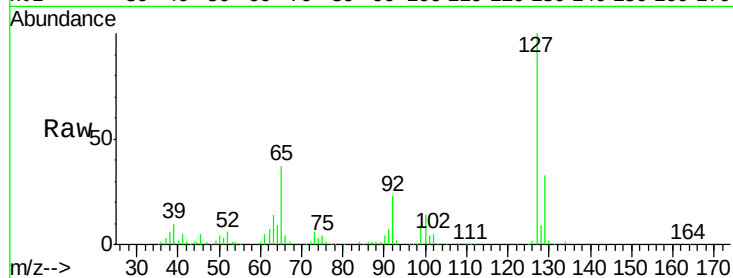




#33
 4-Chloroaniline
 Concen: 17.27 ng
 RT: 8.26 min Scan# 540
 Delta R.T. -0.00 min
 Lab File: BF082597.D
 Acq: 31 Oct 2015 3:28

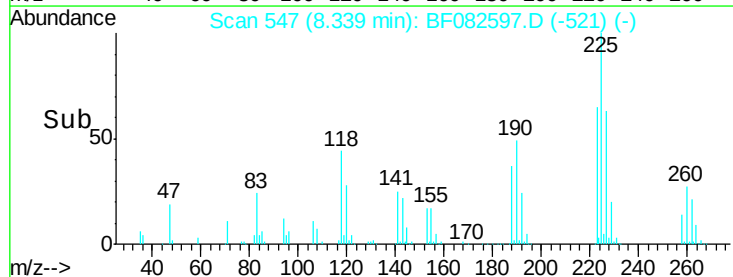
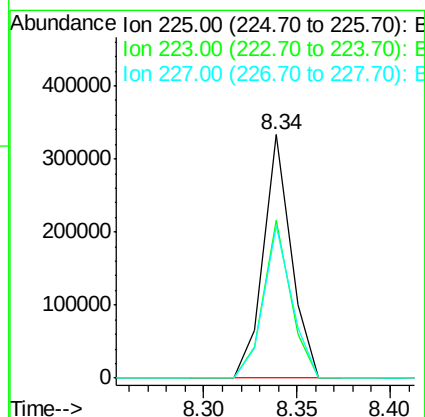
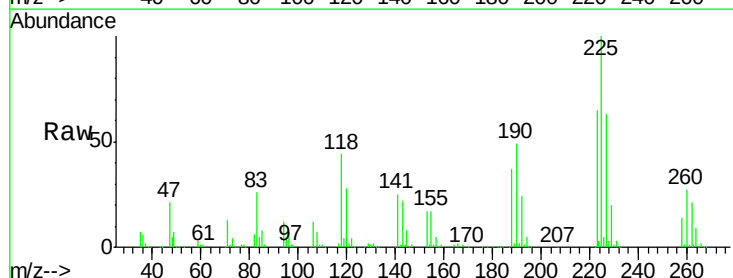
Instrument :
 BNA_F
 ClientSampleId :
 PB86326BSD

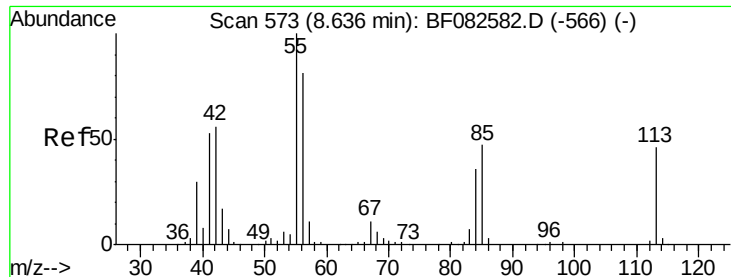
Tgt Ion:	127	Resp:	310785
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.3	39.5
65	36.9	37.8	56.8#
92	23.3	20.6	31.0



#34
 Hexachlorobutadiene
 Concen: 38.78 ng
 RT: 8.34 min Scan# 547
 Delta R.T. -0.00 min
 Lab File: BF082597.D
 Acq: 31 Oct 2015 3:28

Tgt Ion:	225	Resp:	343042
Ion	Ratio	Lower	Upper
225	100		
223	65.1	50.5	75.7
227	62.6	50.2	75.2

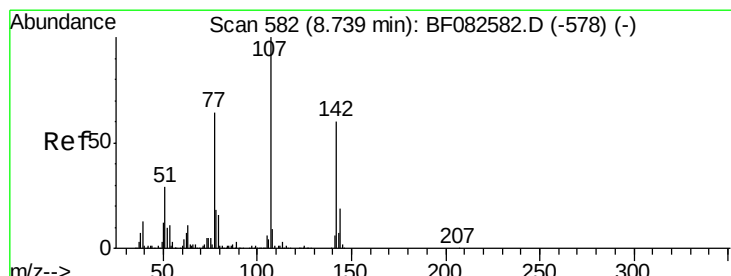
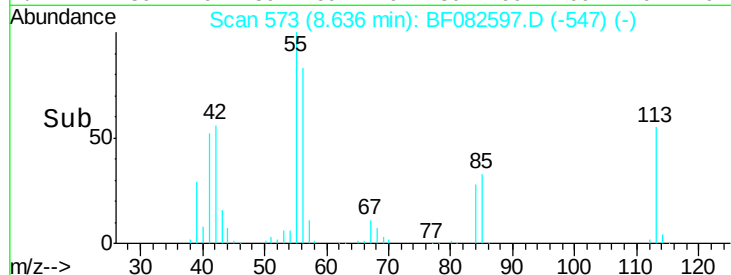
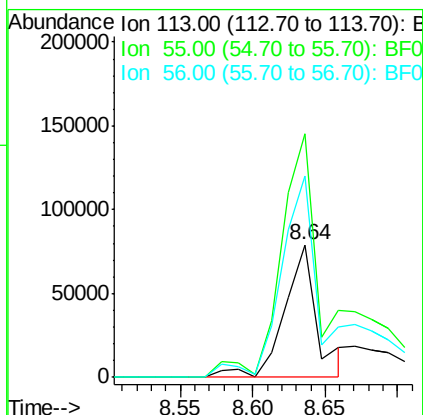
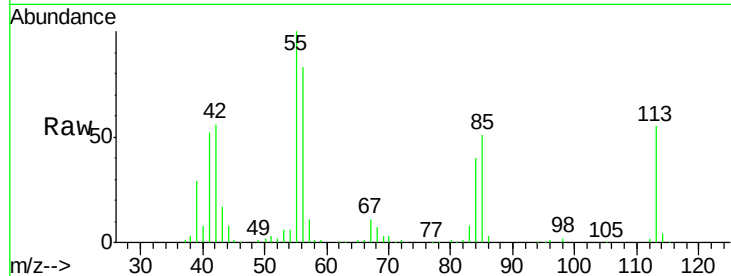




#35
 Caprolactam
 Concen: 31.93 ng
 RT: 8.64 min Scan# 573
 Delta R.T. -0.00 min
 Lab File: BF082597.D
 Acq: 31 Oct 2015 3:28

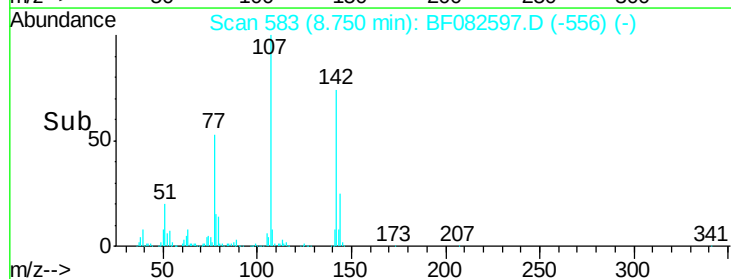
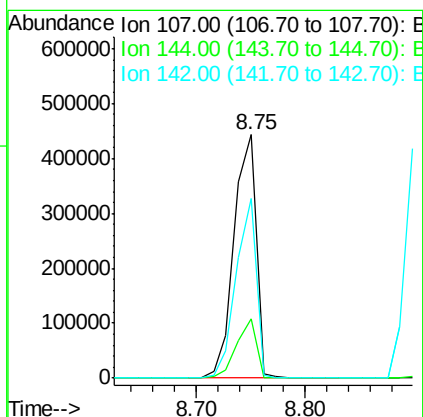
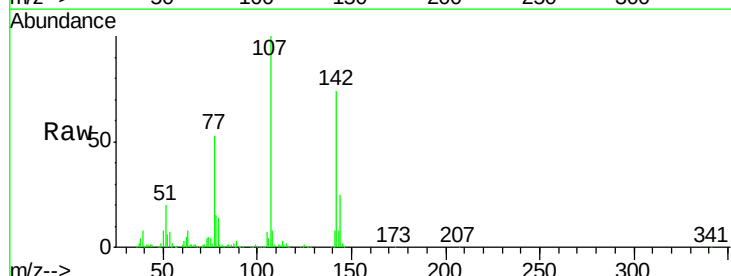
Instrument :
 BNA_F
 ClientSampleId :
 PB86326BSD

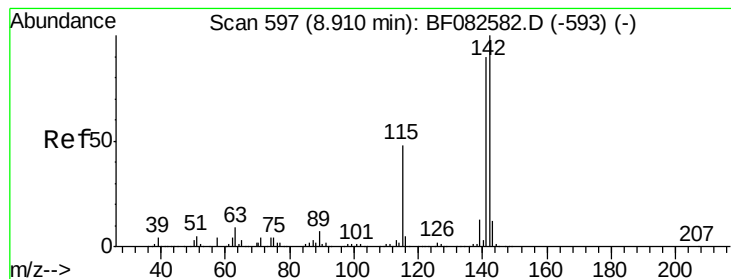
Tgt Ion:113 Resp: 122780
 Ion Ratio Lower Upper
 113 100
 55 183.2 195.5 235.5#
 56 151.2 153.5 193.5#



#36
 4-Chloro-3-methylphenol
 Concen: 41.93 ng
 RT: 8.75 min Scan# 583
 Delta R.T. 0.01 min
 Lab File: BF082597.D
 Acq: 31 Oct 2015 3:28

Tgt Ion:107 Resp: 618724
 Ion Ratio Lower Upper
 107 100
 144 24.5 15.4 23.0#
 142 73.7 47.8 71.8#

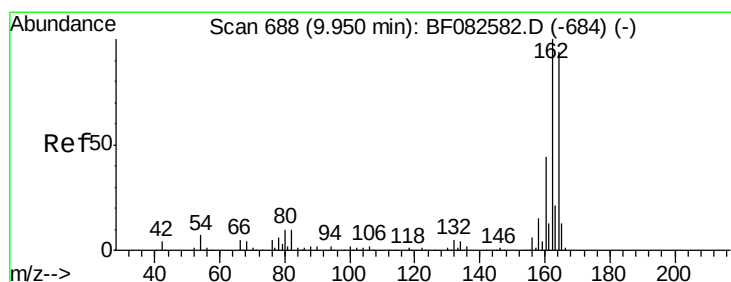
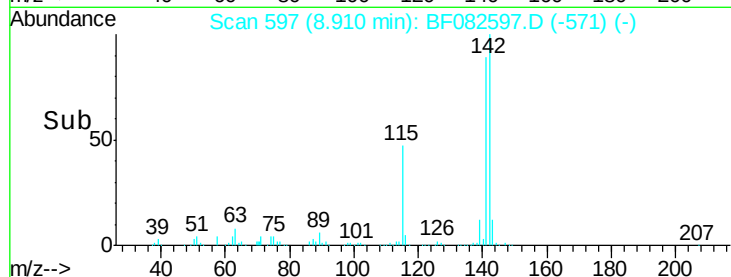
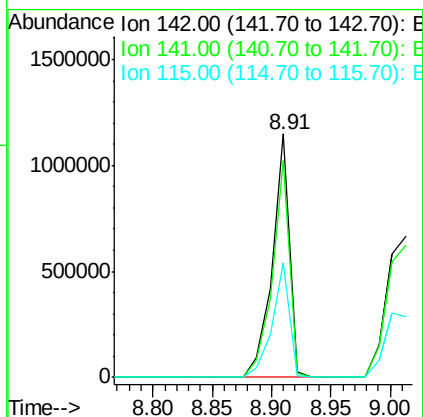
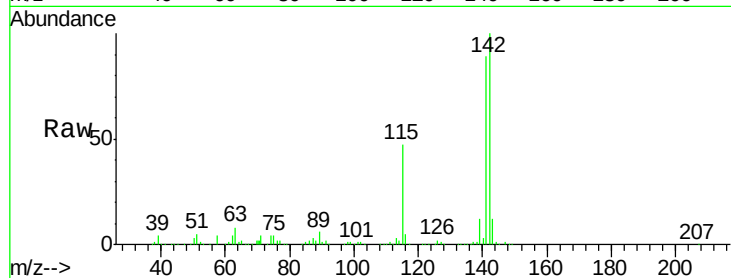




#37
 2-Methylnaphthalene
 Concen: 42.36 ng
 RT: 8.91 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: BF082597.D
 Acq: 31 Oct 2015 3:28

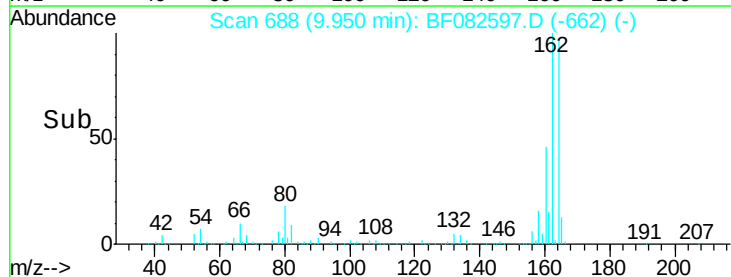
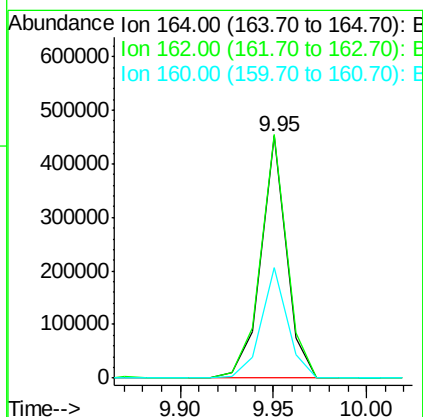
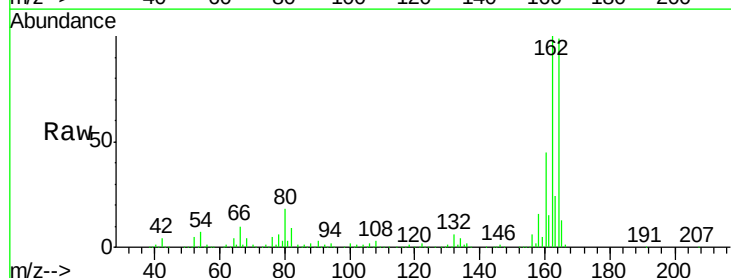
Instrument :
 BNA_F
 ClientSampleId :
 PB86326BSD

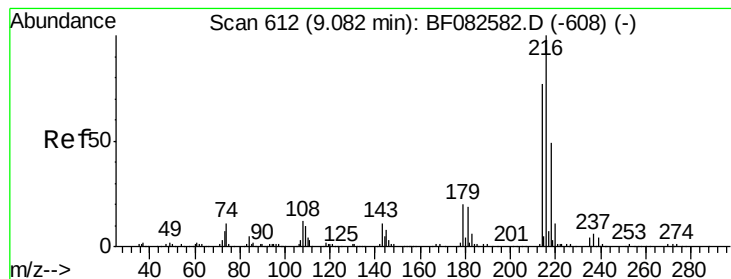
Tgt Ion:142 Resp: 1156994
 Ion Ratio Lower Upper
 142 100
 141 88.9 72.3 108.5
 115 46.9 38.1 57.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.95 min Scan# 688
 Delta R.T. -0.00 min
 Lab File: BF082597.D
 Acq: 31 Oct 2015 3:28

Tgt Ion:164 Resp: 428137
 Ion Ratio Lower Upper
 164 100
 162 100.5 84.9 127.3
 160 45.7 37.5 56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.84 ng

RT: 9.08 min Scan# 612

Delta R.T. -0.00 min

Lab File: BF082597.D

Acq: 31 Oct 2015 3:28

Instrument :

BNA_F

ClientSampleId :

PB86326BSD

Tgt Ion:216 Resp: 554836

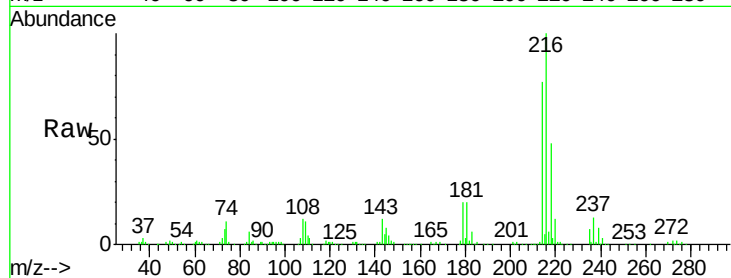
Ion Ratio Lower Upper

216 100

214 78.1 62.2 93.2

179 22.2 18.1 27.1

108 23.8 16.6 25.0

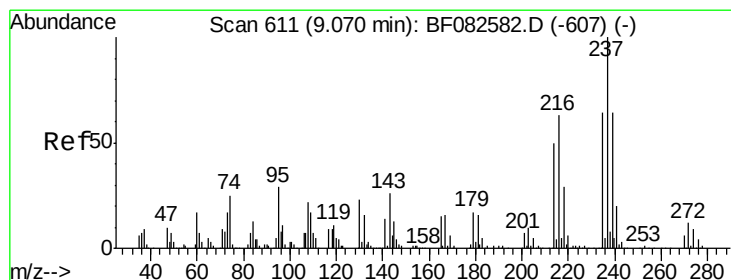
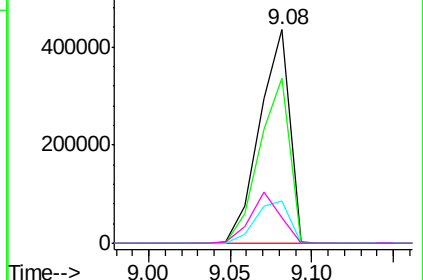
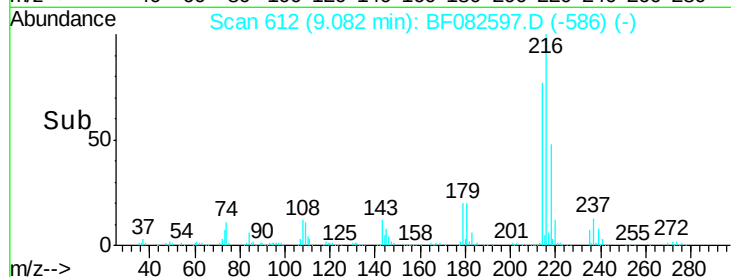


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 84.13 ng

RT: 9.07 min Scan# 611

Delta R.T. -0.00 min

Lab File: BF082597.D

Acq: 31 Oct 2015 3:28

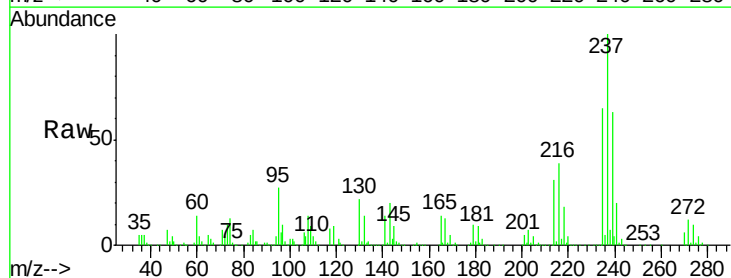
Tgt Ion:237 Resp: 755657

Ion Ratio Lower Upper

237 100

235 65.0 44.3 84.3

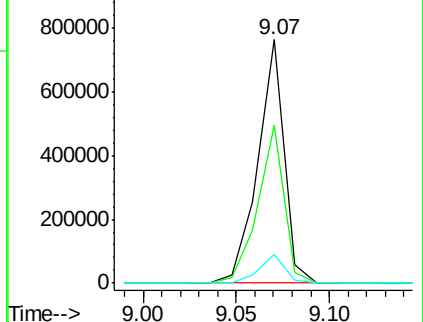
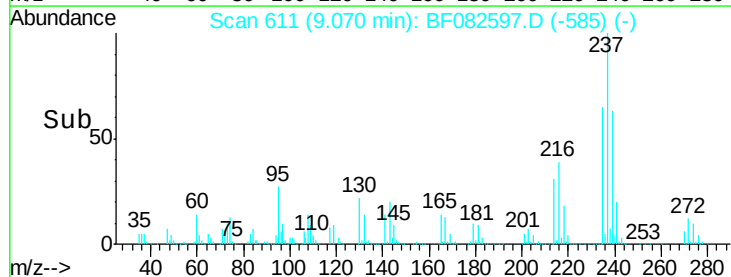
272 11.8 0.0 31.9

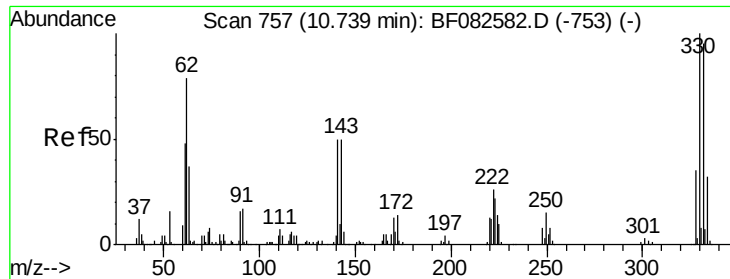


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

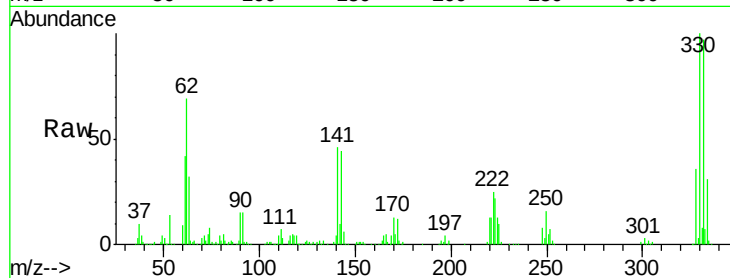




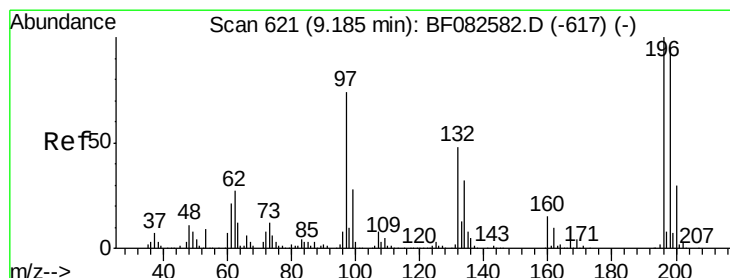
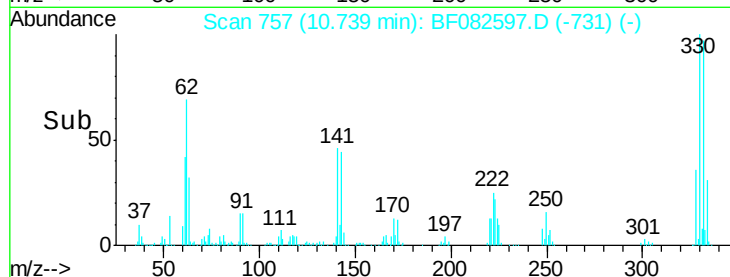
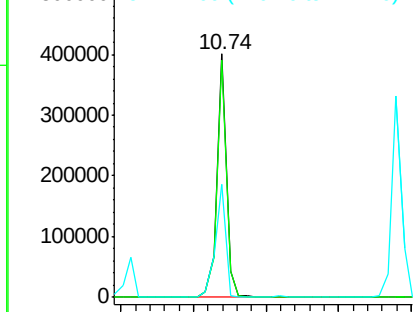
#41
 2,4,6-Tribromophenol
 Concen: 77.64 ng
 RT: 10.74 min Scan# 757
 Delta R.T. -0.00 min
 Lab File: BF082597.D
 Acq: 31 Oct 2015 3:28

Instrument :
 BNA_F
 ClientSampled :
 PB86326BSD

Tgt Ion:330 Resp: 363780
 Ion Ratio Lower Upper
 330 100
 332 97.8 76.6 114.8
 141 50.9 41.2 61.8

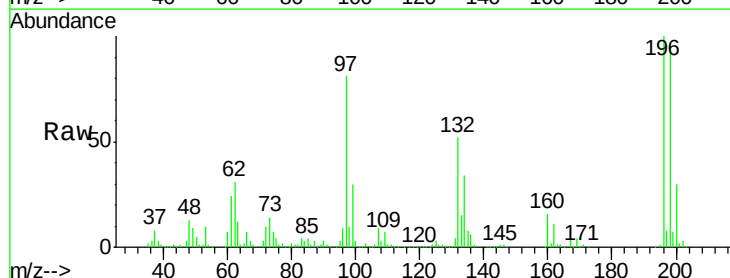


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

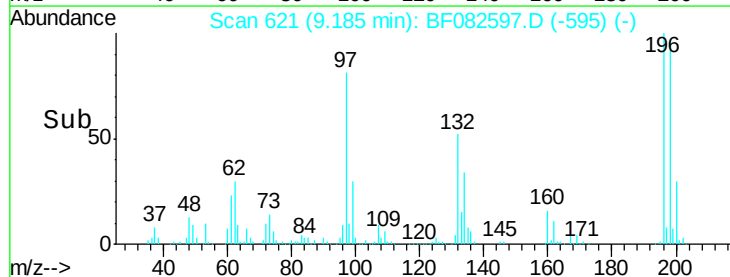
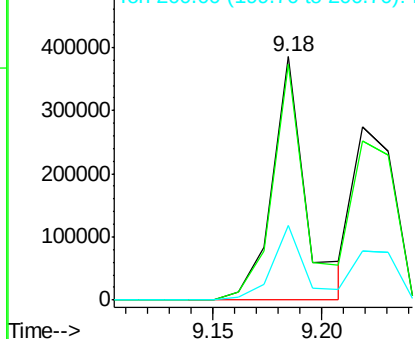


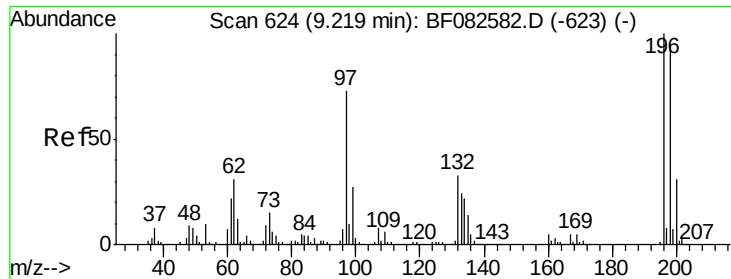
#42
 2,4,6-Trichlorophenol
 Concen: 40.12 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.00 min
 Lab File: BF082597.D
 Acq: 31 Oct 2015 3:28

Tgt Ion:196 Resp: 413858
 Ion Ratio Lower Upper
 196 100
 198 96.7 76.3 114.5
 200 30.5 23.9 35.9



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

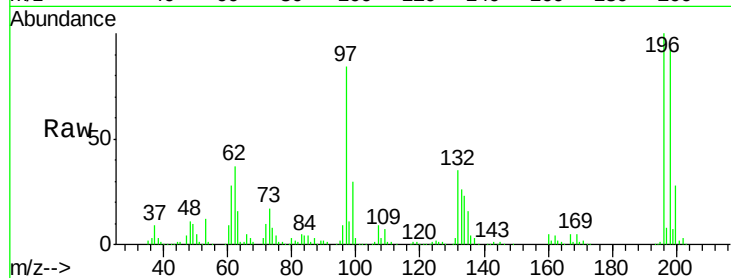




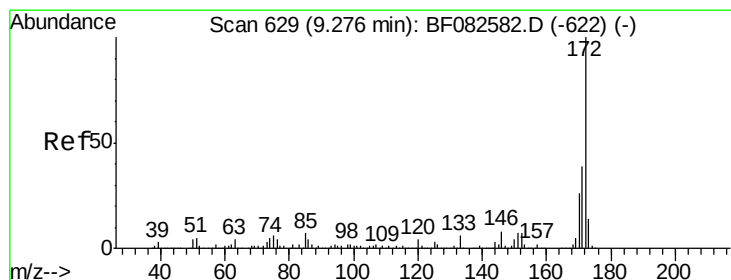
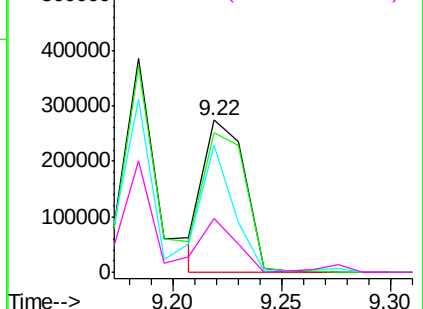
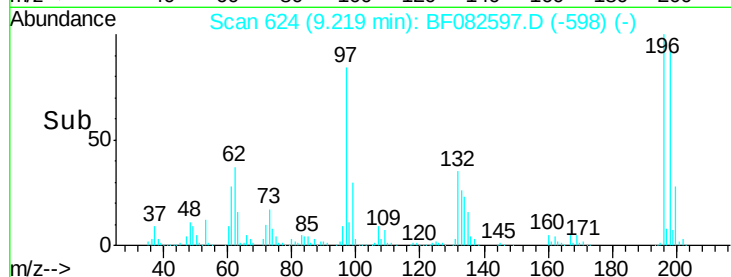
#43
 2,4,5-Trichlorophenol
 Concen: 34.47 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF082597.D
 Acq: 31 Oct 2015 3:28

Instrument :
 BNA_F
 ClientSampleId :
 PB86326BSD

Tgt Ion:196 Resp: 354336
 Ion Ratio Lower Upper
 196 100
 198 92.0 75.8 113.8
 97 83.8 62.3 93.5
 132 35.0 27.4 41.2

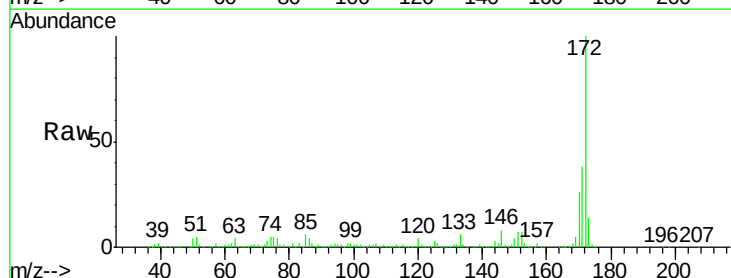


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

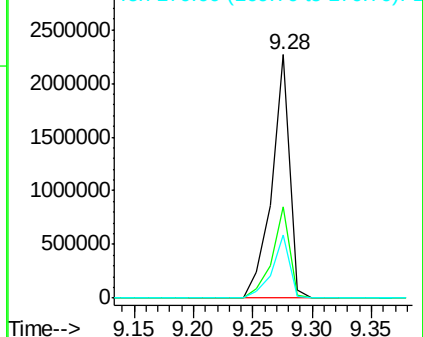
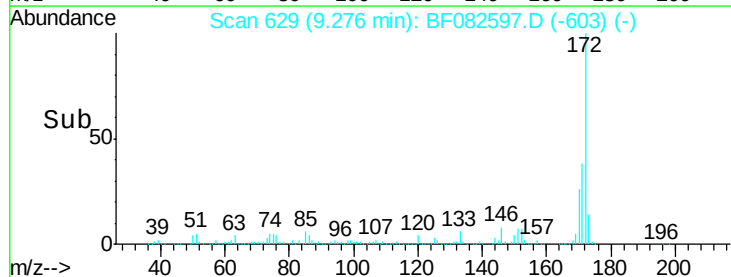


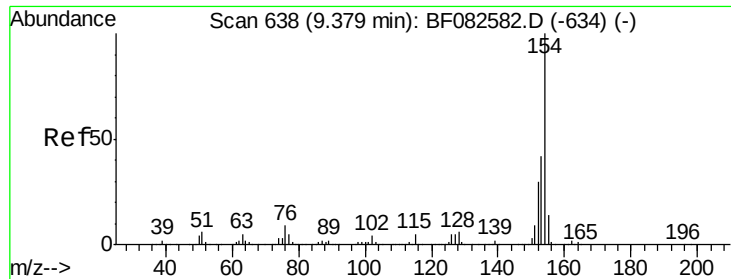
#44
 2-Fluorobiphenyl
 Concen: 78.74 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.00 min
 Lab File: BF082597.D
 Acq: 31 Oct 2015 3:28

Tgt Ion:172 Resp: 2374266
 Ion Ratio Lower Upper
 172 100
 171 37.6 30.8 46.2
 170 26.0 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

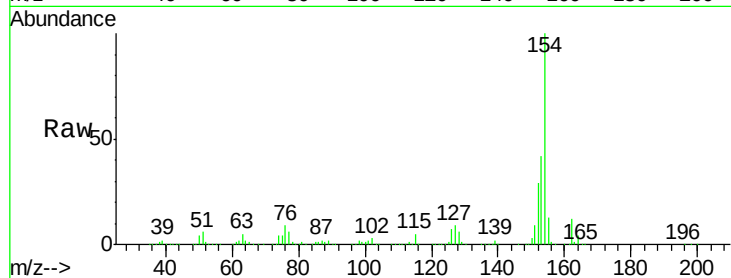




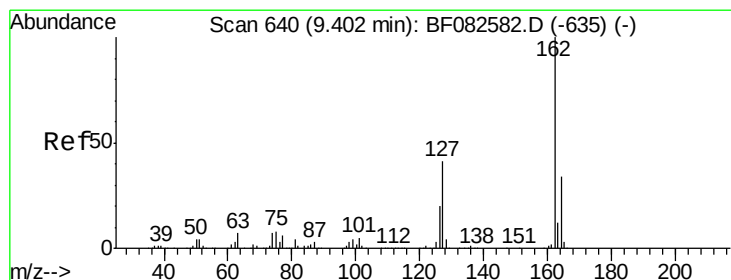
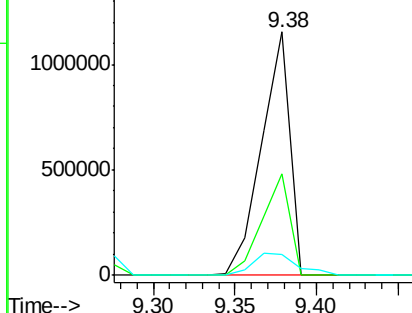
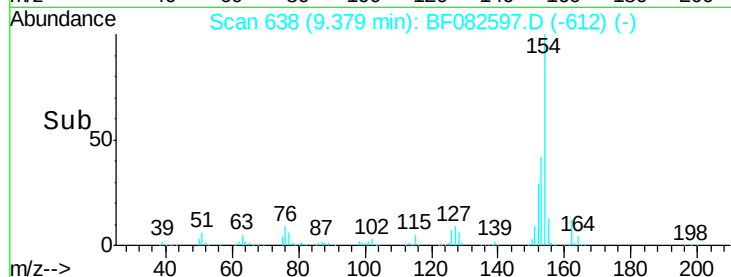
#45
 1,1'-Biphenyl
 Concen: 38.52 ng
 RT: 9.38 min Scan# 638
 Delta R.T. -0.00 min
 Lab File: BF082597.D
 Acq: 31 Oct 2015 3:28

Instrument :
 BNA_F
 ClientSampleId :
 PB86326BSD

Tgt Ion:154 Resp: 1392908
 Ion Ratio Lower Upper
 154 100
 153 41.5 22.0 62.0
 76 8.8 0.0 29.0

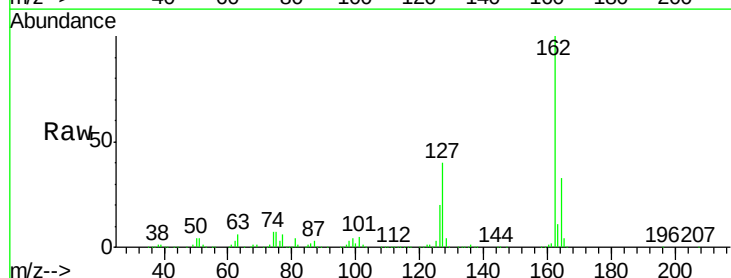


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

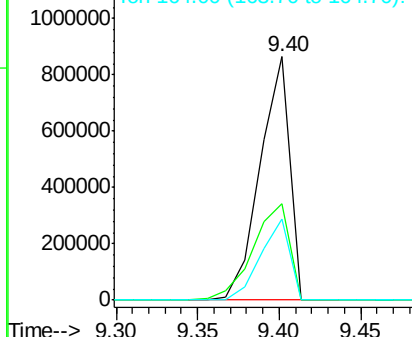
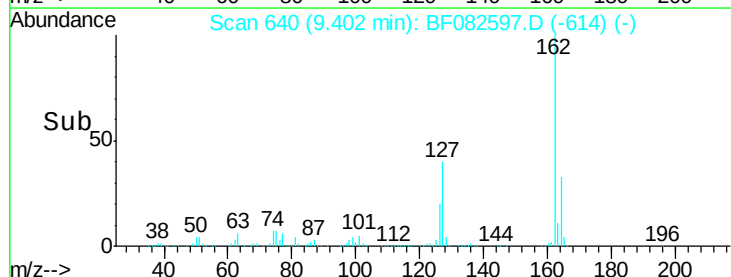


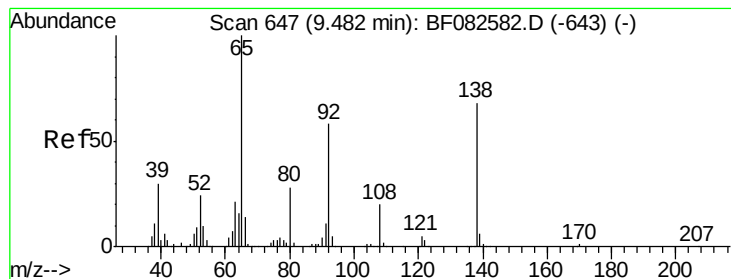
#46
 2-Chloronaphthalene
 Concen: 38.65 ng
 RT: 9.40 min Scan# 640
 Delta R.T. -0.00 min
 Lab File: BF082597.D
 Acq: 31 Oct 2015 3:28

Tgt Ion:162 Resp: 1091543
 Ion Ratio Lower Upper
 162 100
 127 39.7 32.7 49.1
 164 33.3 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: 35.20 ng

RT: 9.48 min Scan# 647

Delta R.T. -0.00 min

Lab File: BF082597.D

Acq: 31 Oct 2015 3:28

Instrument :

BNA_F

ClientSampleId :

PB86326BSD

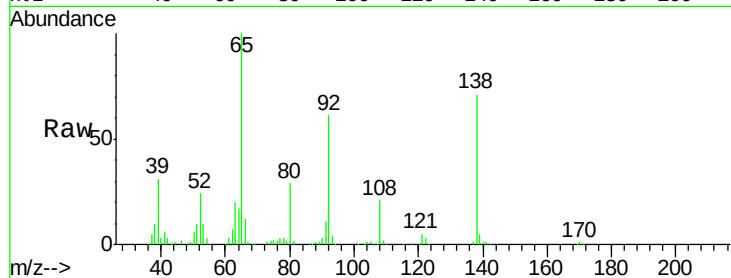
Tgt Ion: 65 Resp: 386428

Ion Ratio Lower Upper

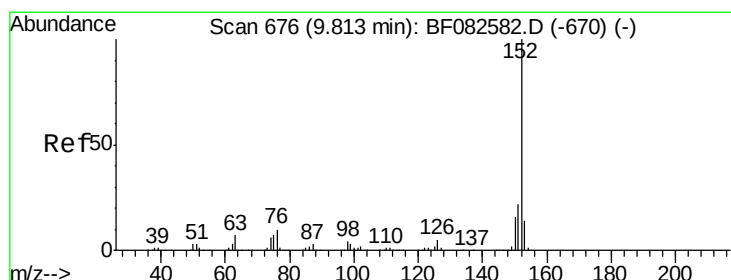
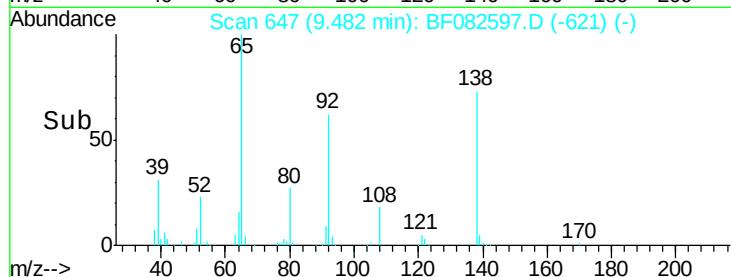
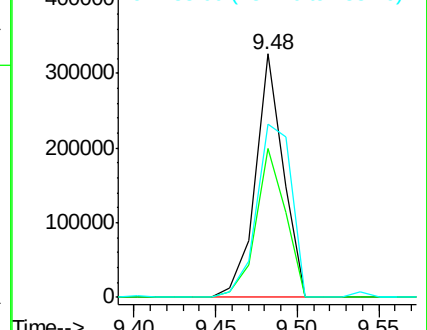
65 100

92 61.0 46.6 70.0

138 71.2 54.6 81.8



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



#48

Acenaphthylene

Concen: 37.87 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.00 min

Lab File: BF082597.D

Acq: 31 Oct 2015 3:28

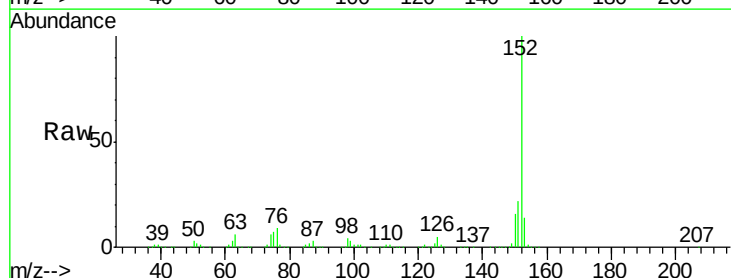
Tgt Ion: 152 Resp: 1710425

Ion Ratio Lower Upper

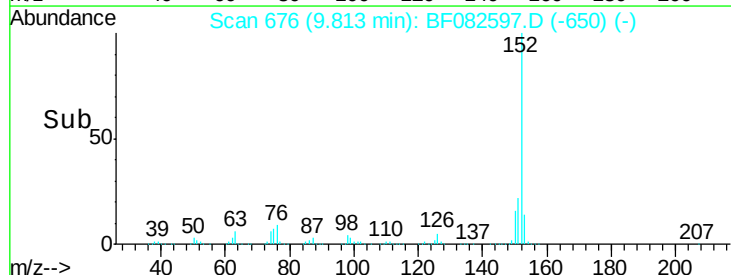
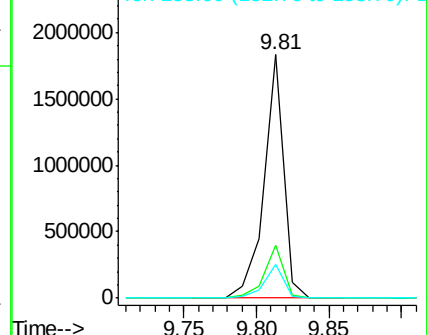
152 100

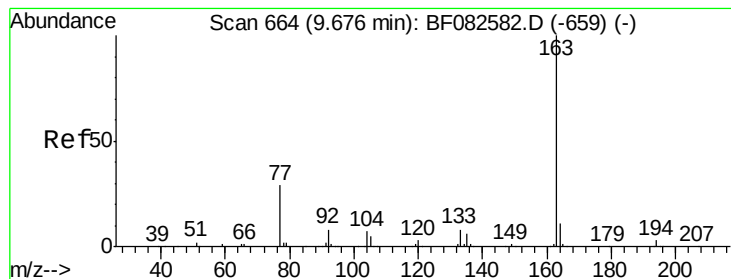
151 21.8 17.3 25.9

153 13.7 11.3 16.9



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





#49

Dimethylphthalate

Concen: 35.00 ng

RT: 9.68 min Scan# 664

Delta R.T. -0.00 min

Lab File: BF082597.D

Acq: 31 Oct 2015 3:28

Instrument :

BNA_F

ClientSampleId :

PB86326BSD

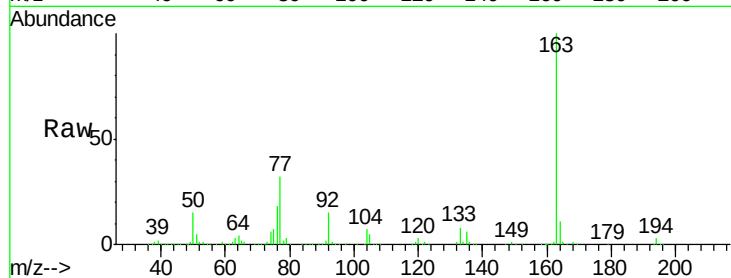
Tgt Ion:163 Resp: 1223725

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

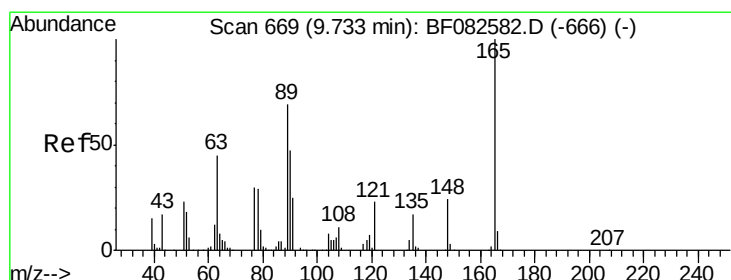
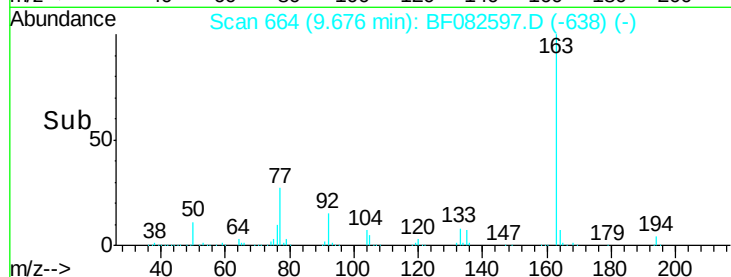
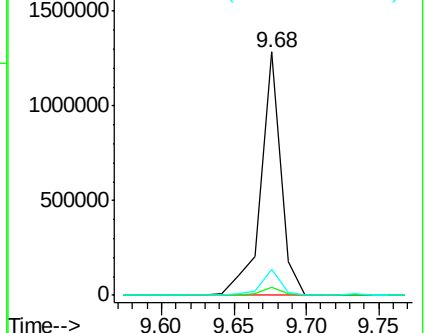
164 10.6 8.7 13.1



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: 41.88 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.00 min

Lab File: BF082597.D

Acq: 31 Oct 2015 3:28

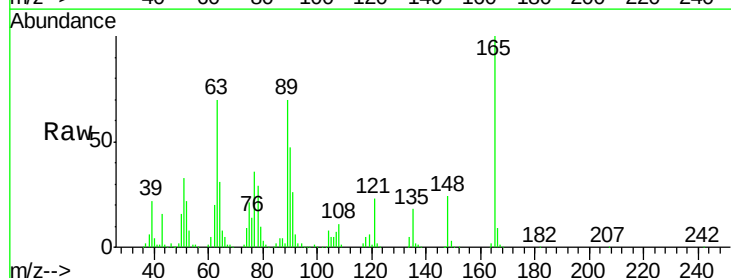
Tgt Ion:165 Resp: 303526

Ion Ratio Lower Upper

165 100

63 69.7 55.5 83.3

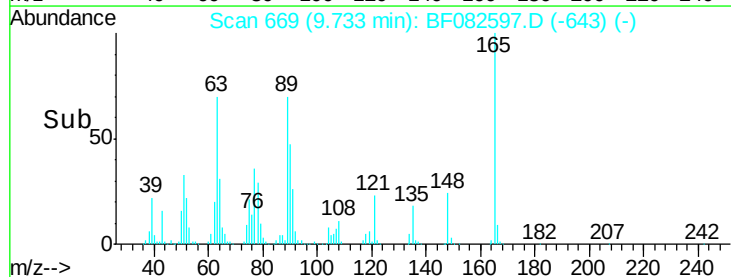
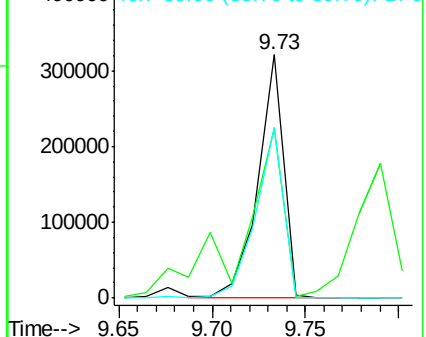
89 70.1 55.0 82.6

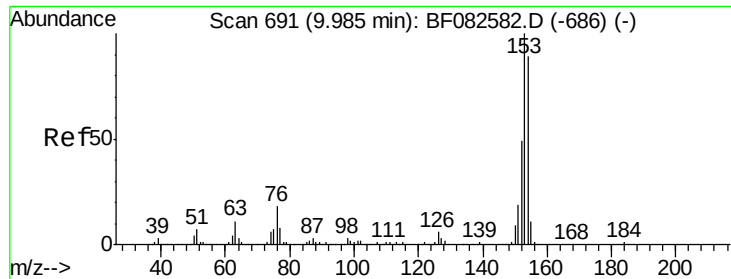


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.99 ng

RT: 9.98 min Scan# 691

Delta R.T. -0.00 min

Lab File: BF082597.D

Acq: 31 Oct 2015 3:28

Instrument :

BNA_F

ClientSampleId :

PB86326BSD

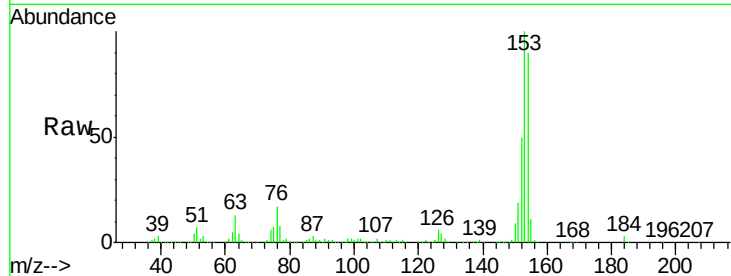
Tgt Ion:154 Resp: 1204093

Ion Ratio Lower Upper

154 100

153 111.0 90.1 135.1

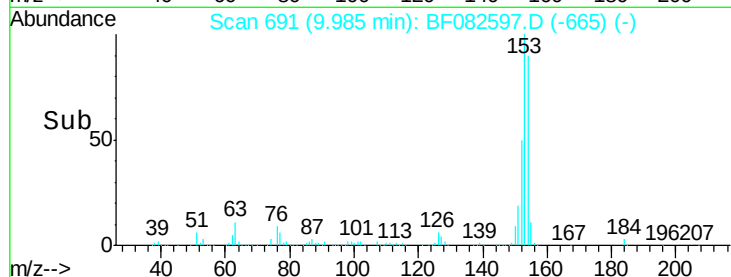
152 55.5 44.3 66.5



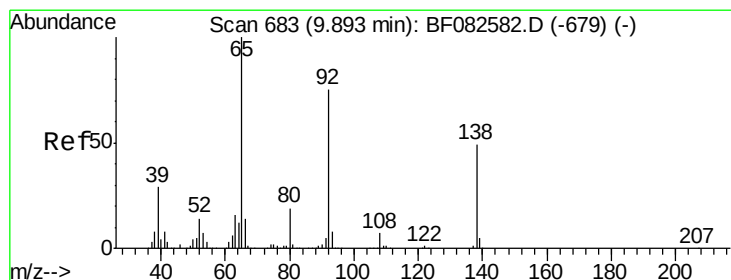
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



Time-->



#52

3-Nitroaniline

Concen: 20.11 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF082597.D

Acq: 31 Oct 2015 3:28

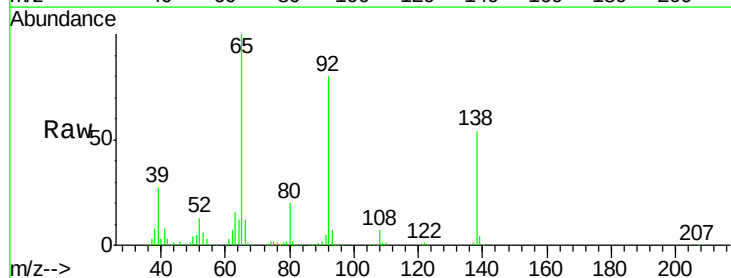
Tgt Ion:138 Resp: 162168

Ion Ratio Lower Upper

138 100

108 12.1 11.3 16.9

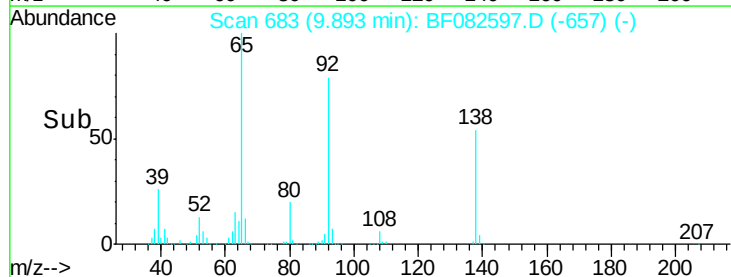
92 148.4 122.4 183.6



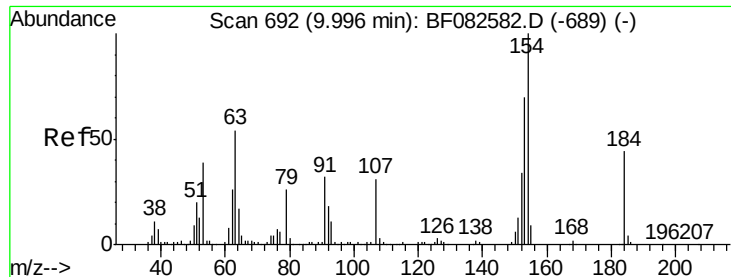
Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0



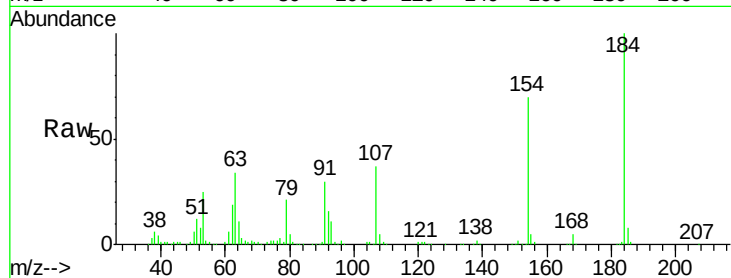
Time-->



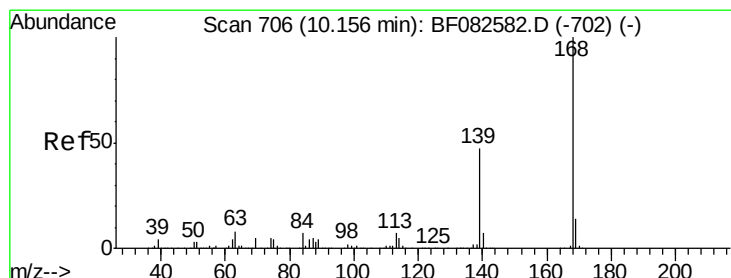
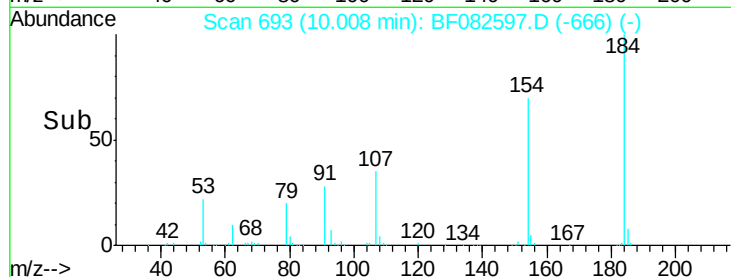
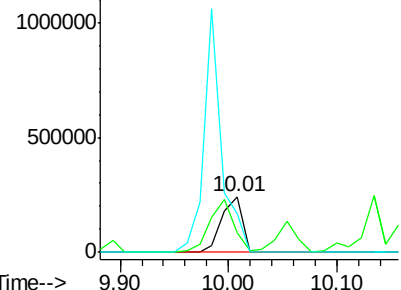
#53
2,4-Dinitrophenol
Concen: 81.79 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.01 min
Lab File: BF082597.D
Acq: 31 Oct 2015 3:28

Instrument :
BNA_F
ClientSampleId :
PB86326BSD

Tgt Ion:184 Resp: 316419
Ion Ratio Lower Upper
184 100
63 34.5 98.6 148.0#
154 69.8 183.9 275.9#

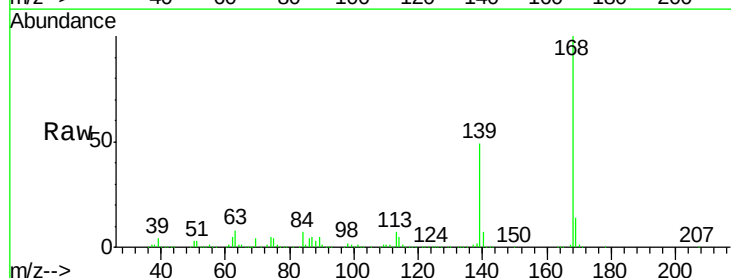


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

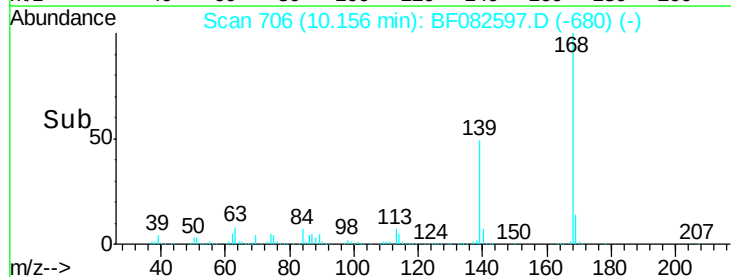
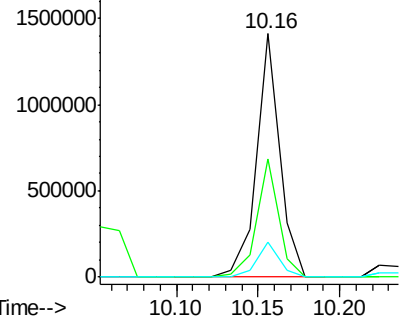


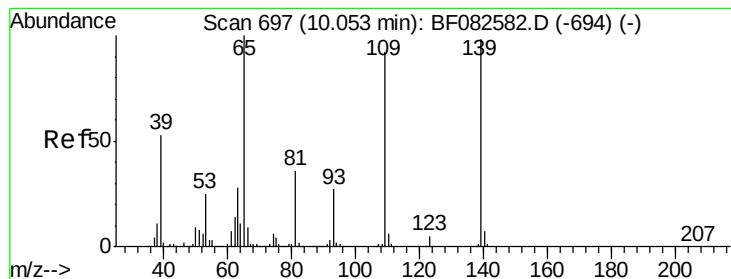
#54
Dibenzofuran
Concen: 35.99 ng
RT: 10.16 min Scan# 706
Delta R.T. -0.00 min
Lab File: BF082597.D
Acq: 31 Oct 2015 3:28

Tgt Ion:168 Resp: 1400250
Ion Ratio Lower Upper
168 100
139 48.8 37.8 56.6
169 14.4 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: 79.05 ng

RT: 10.05 min Scan# 697

Delta R.T. -0.00 min

Lab File: BF082597.D

Acq: 31 Oct 2015 3:28

Instrument :

BNA_F

ClientSampleId :

PB86326BSD

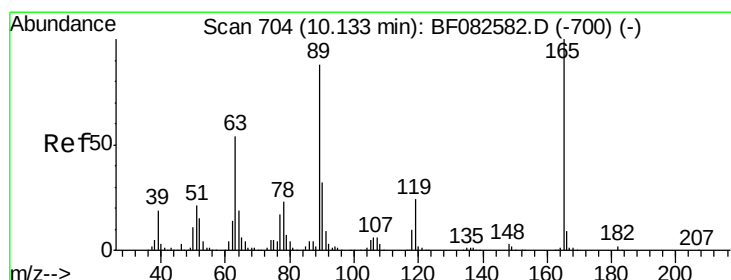
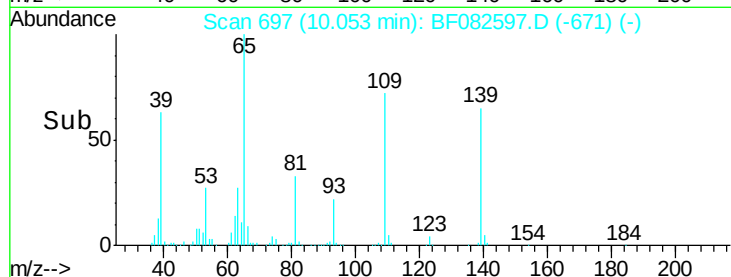
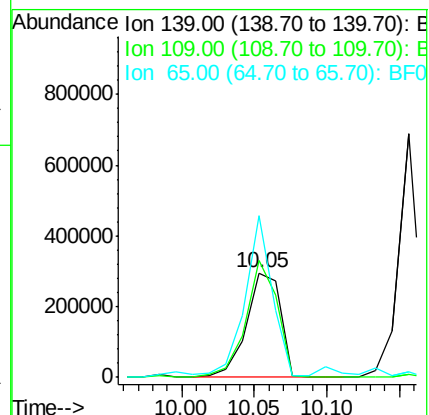
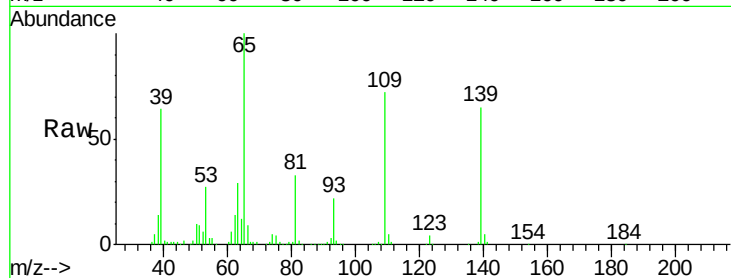
Tgt Ion:139 Resp: 479545

Ion Ratio Lower Upper

139 100

109 111.9 73.7 113.7

65 154.8 82.9 122.9#



#56

2,4-Dinitrotoluene

Concen: 36.55 ng

RT: 10.13 min Scan# 704

Delta R.T. -0.00 min

Lab File: BF082597.D

Acq: 31 Oct 2015 3:28

Tgt Ion:165 Resp: 358226

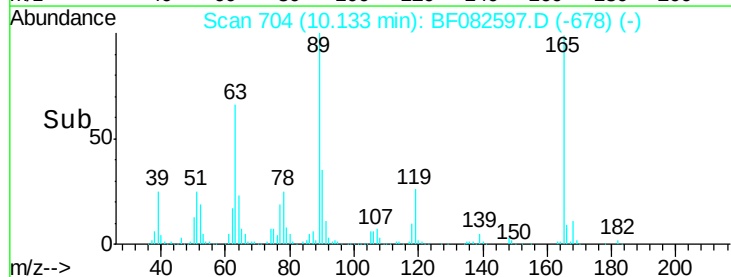
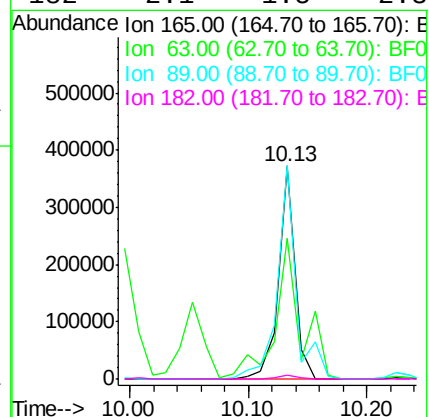
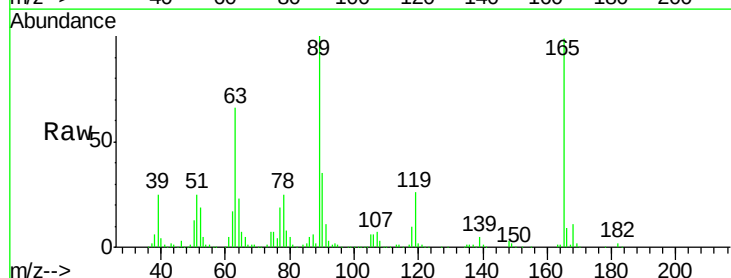
Ion Ratio Lower Upper

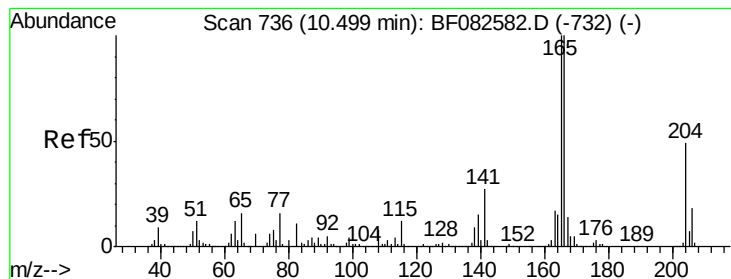
165 100

63 66.2 43.4 65.0#

89 100.8 70.6 106.0

182 2.1 1.5 2.3





#57

Fluorene

Concen: 36.69 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF082597.D

Acq: 31 Oct 2015 3:28

Instrument :

BNA_F

ClientSampleId :

PB86326BSD

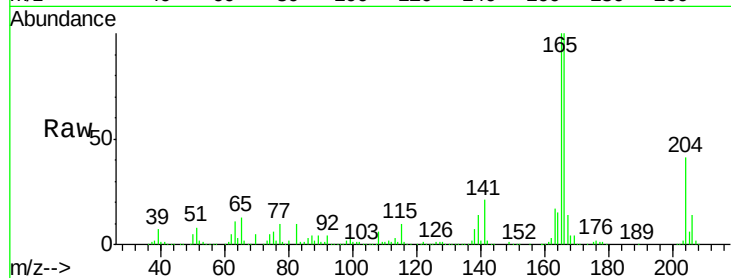
Tgt Ion:166 Resp: 1151609

Ion Ratio Lower Upper

166 100

165 100.5 80.2 120.4

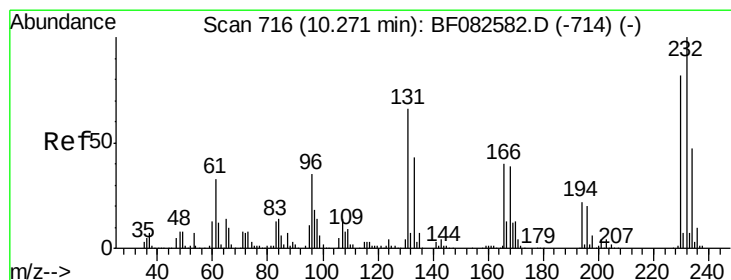
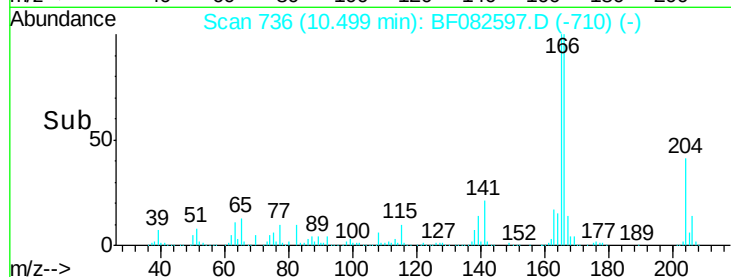
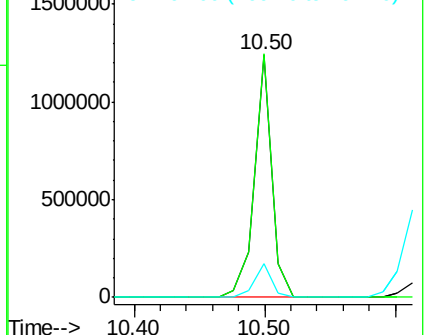
167 14.1 11.2 16.8



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: 37.72 ng

RT: 10.27 min Scan# 716

Delta R.T. -0.00 min

Lab File: BF082597.D

Acq: 31 Oct 2015 3:28

Tgt Ion:232 Resp: 327676

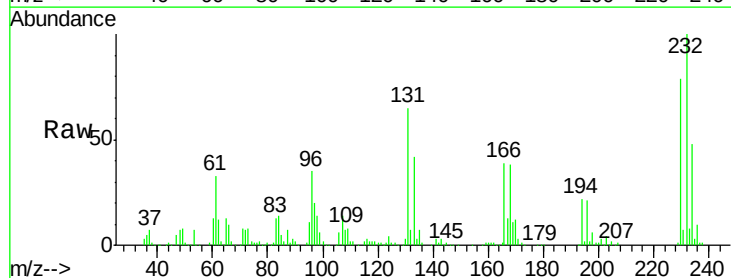
Ion Ratio Lower Upper

232 100

131 54.4 46.2 69.2

130 2.8 2.4 3.6

166 34.3 28.2 42.2

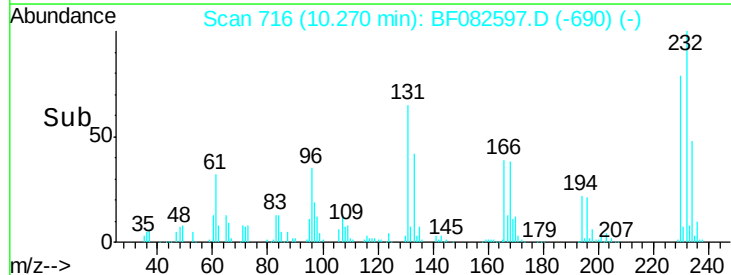
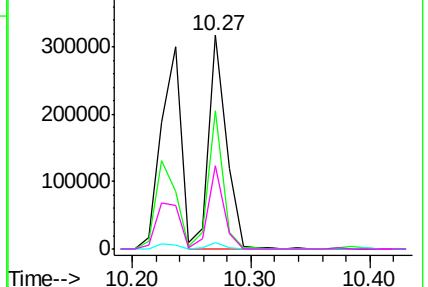


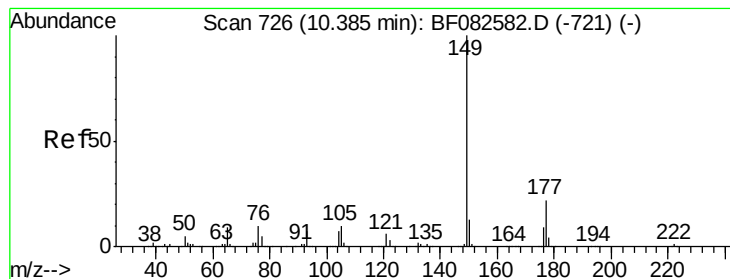
Abundance Ion 232.00 (231.70 to 232.70): E

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: 39.79 ng

RT: 10.38 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF082597.D

Acq: 31 Oct 2015 3:28

Instrument :

BNA_F

ClientSampleId :

PB86326BSD

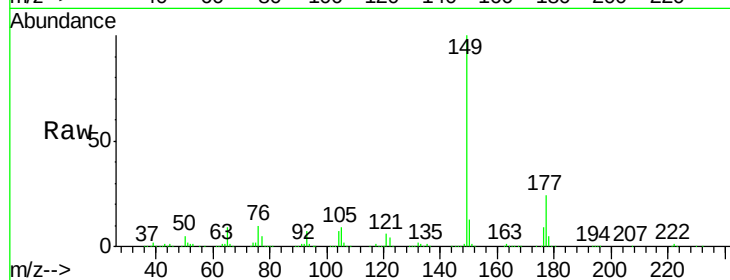
Tgt Ion:149 Resp: 1416558

Ion Ratio Lower Upper

149 100

177 23.7 17.9 26.9

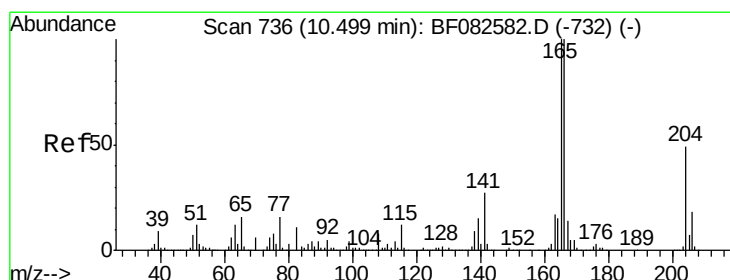
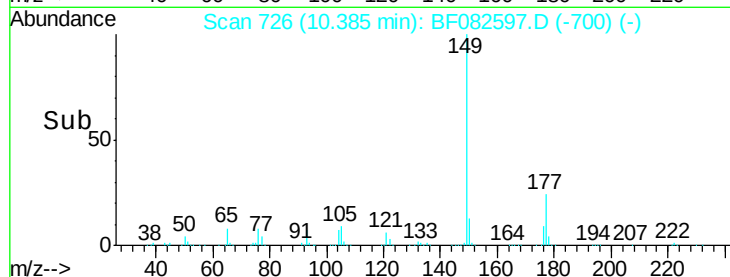
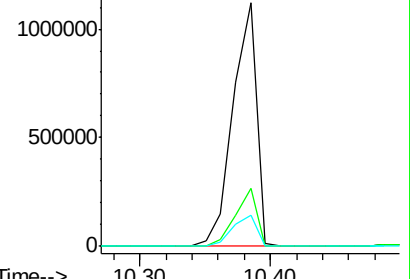
150 12.8 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 39.28 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF082597.D

Acq: 31 Oct 2015 3:28

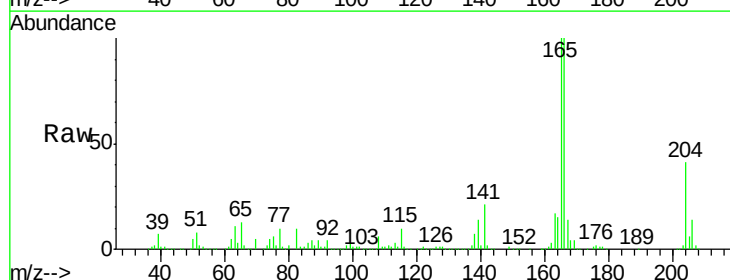
Tgt Ion:204 Resp: 599152

Ion Ratio Lower Upper

204 100

206 35.2 28.5 42.7

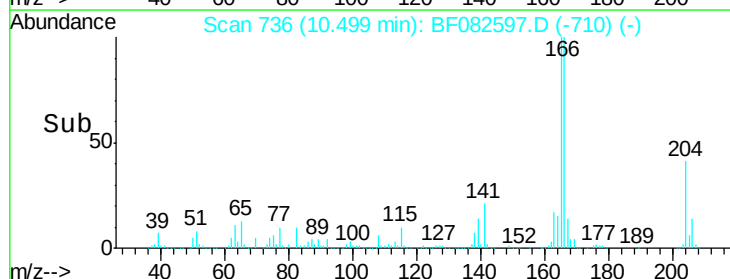
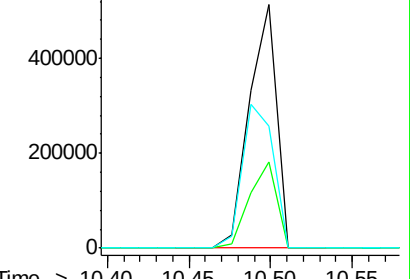
141 50.1 44.6 66.8

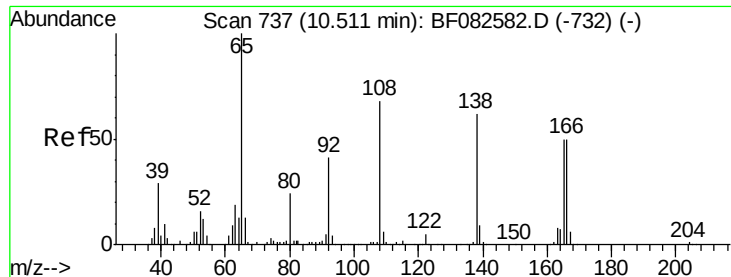


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

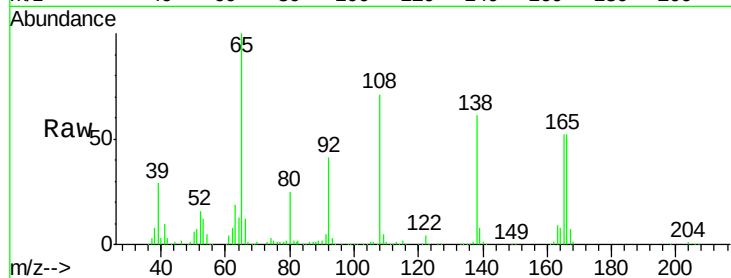




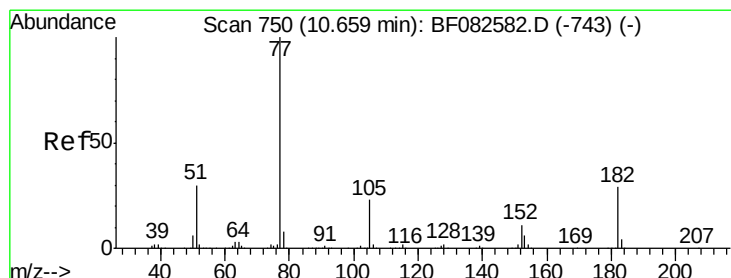
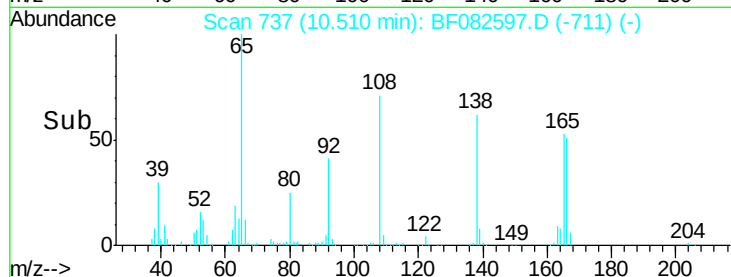
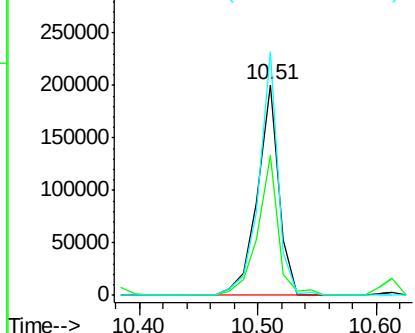
#61
4-Nitroaniline
Concen: 33.09 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.00 min
Lab File: BF082597.D
Acq: 31 Oct 2015 3:28

Instrument :
BNA_F
ClientSampleId :
PB86326BSD

Tgt Ion:138 Resp: 254632
Ion Ratio Lower Upper
138 100
92 66.4 45.8 85.8
108 115.7 89.4 129.4

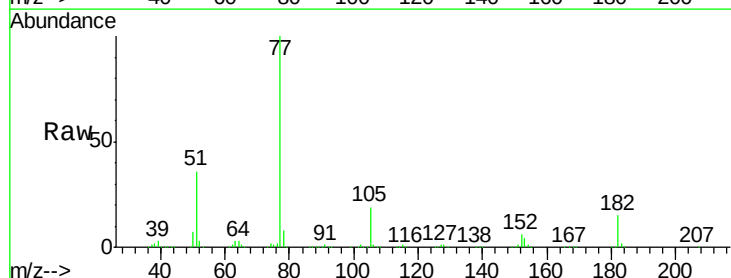


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

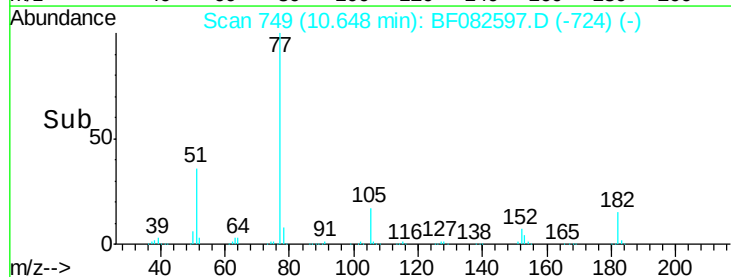
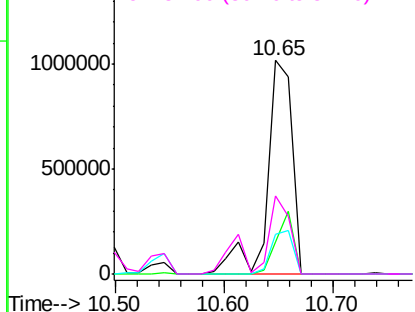


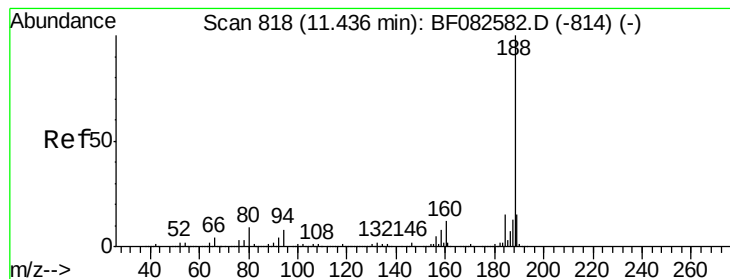
#62
Azobenzene
Concen: 40.22 ng
RT: 10.65 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF082597.D
Acq: 31 Oct 2015 3:28

Tgt Ion: 77 Resp: 1614598
Ion Ratio Lower Upper
77 100
182 15.3 9.3 49.3
105 18.6 2.6 42.6
51 36.4 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: BF082597.D

Acq: 31 Oct 2015 3:28

Instrument :

BNA_F

ClientSampleId :

PB86326BSD

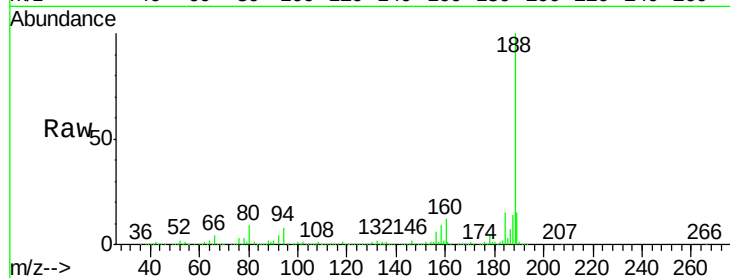
Tgt Ion:188 Resp: 786897

Ion Ratio Lower Upper

188 100

94 8.0 6.1 9.1

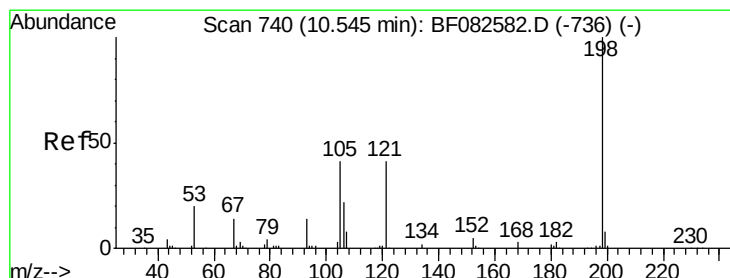
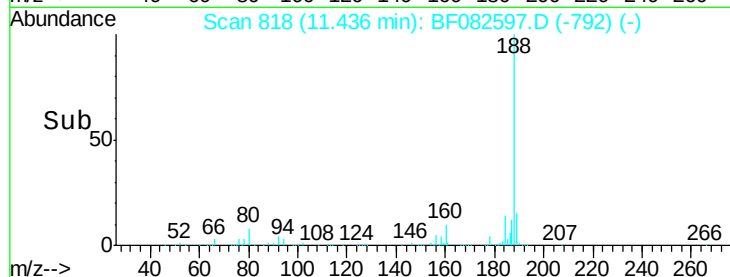
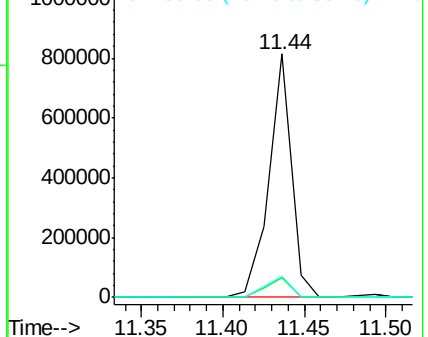
80 8.8 7.0 10.6



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: 46.99 ng

RT: 10.54 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF082597.D

Acq: 31 Oct 2015 3:28

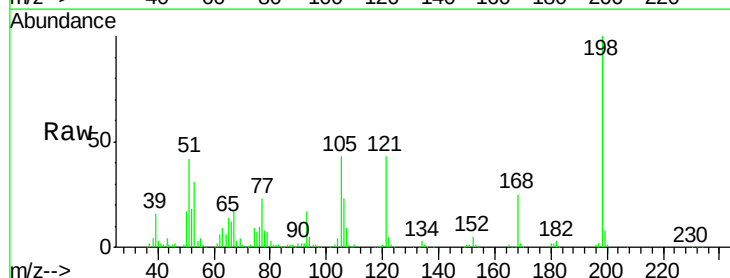
Tgt Ion:198 Resp: 222995

Ion Ratio Lower Upper

198 100

51 41.7 17.3 57.3

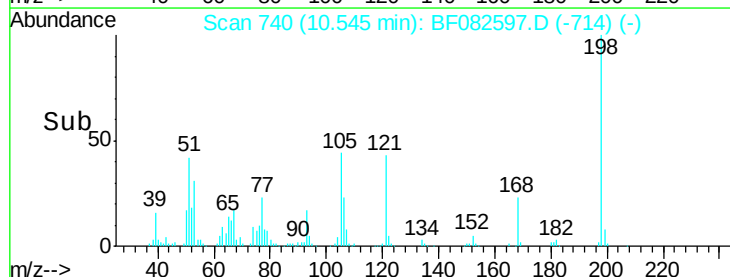
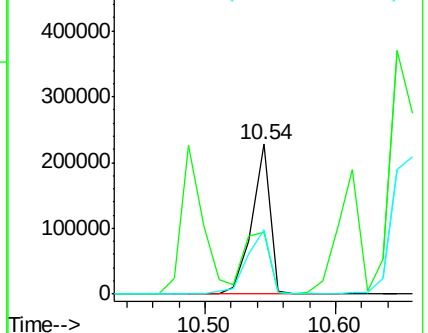
105 43.4 21.7 61.7

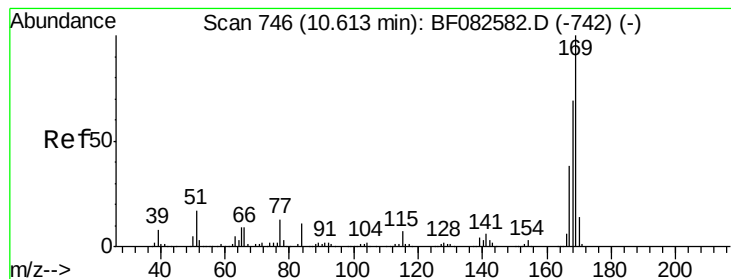


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 41.39 ng

RT: 10.61 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF082597.D

Acq: 31 Oct 2015 3:28

Instrument :

BNA_F

ClientSampleId :

PB86326BSD

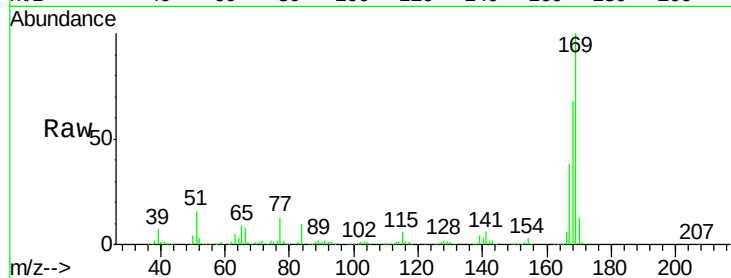
Tgt Ion:169 Resp: 1119582

Ion Ratio Lower Upper

169 100

168 68.2 55.0 82.6

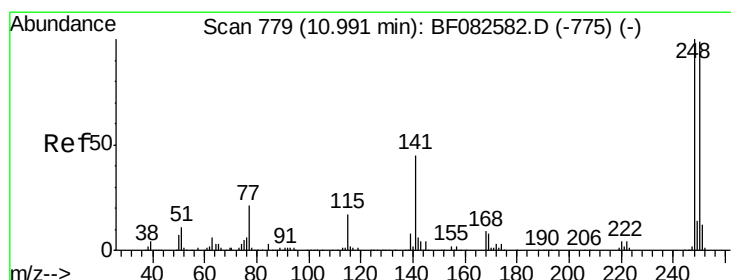
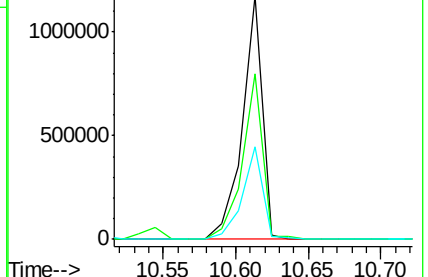
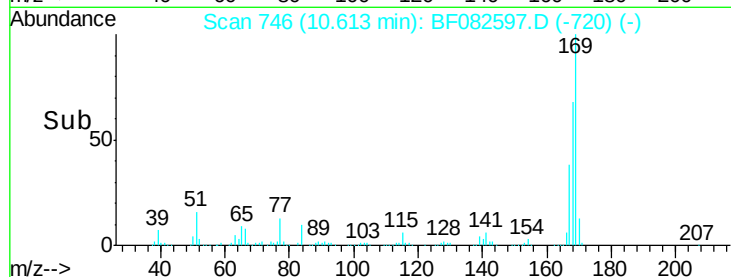
167 38.1 30.5 45.7



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 38.54 ng

RT: 10.98 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF082597.D

Acq: 31 Oct 2015 3:28

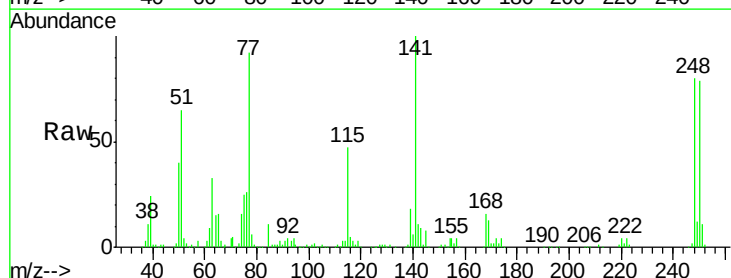
Tgt Ion:248 Resp: 343663

Ion Ratio Lower Upper

248 100

250 98.5 79.4 119.2

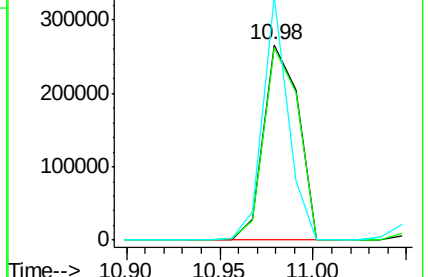
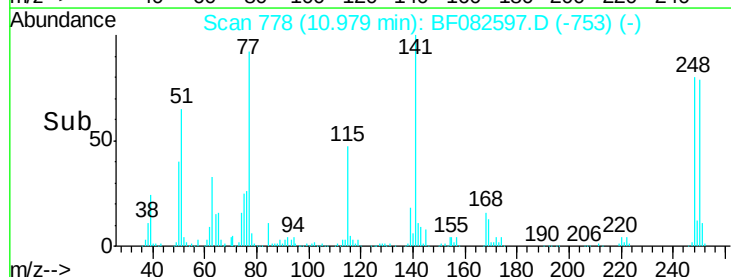
141 124.5 36.3 54.5#

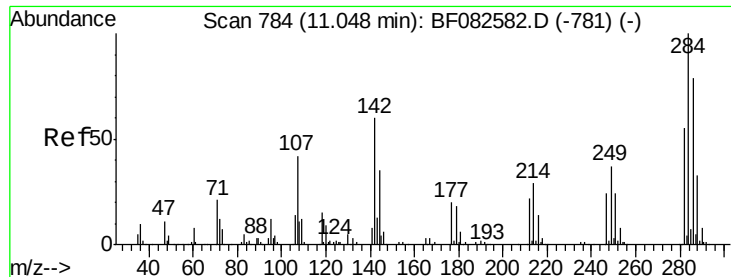


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

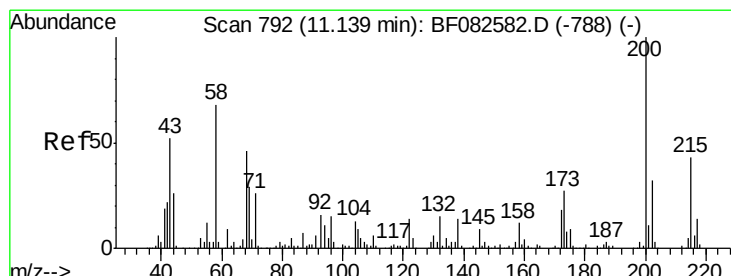
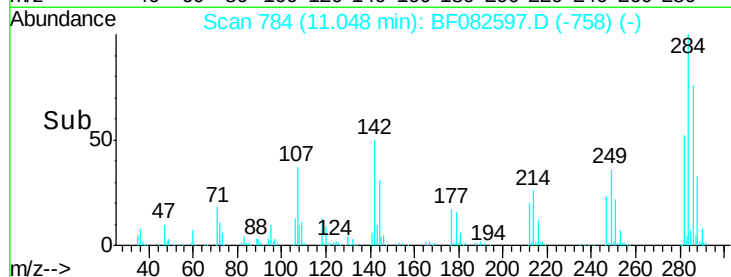
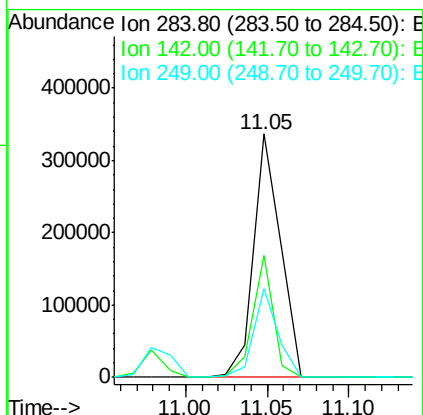
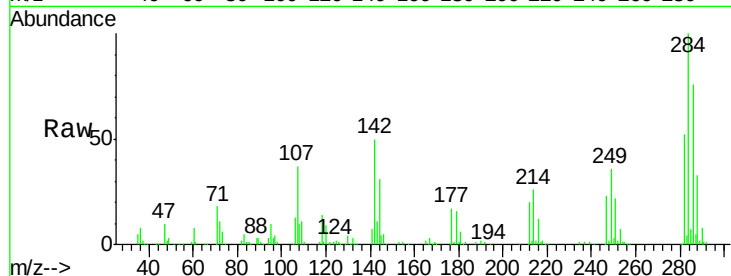




#67
Hexachlorobenzene
Concen: 38.98 ng
RT: 11.05 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF082597.D
Acq: 31 Oct 2015 3:28

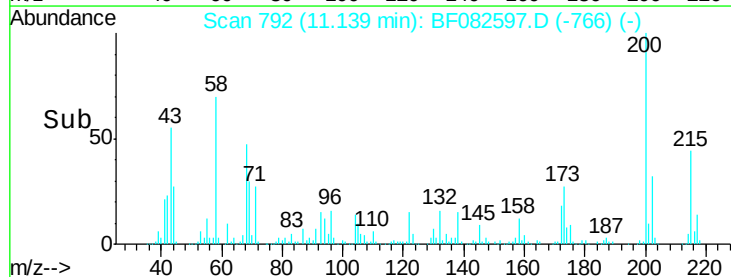
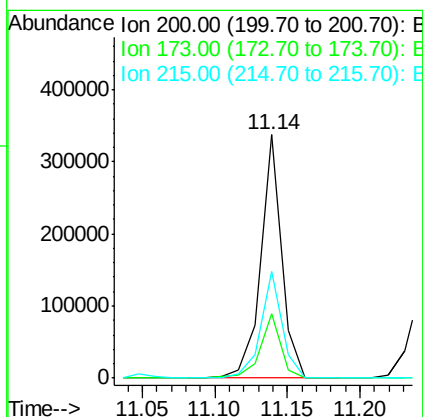
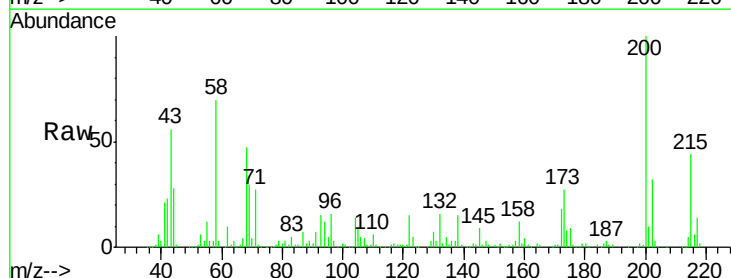
Instrument :
BNA_F
ClientSampleId :
PB86326BSD

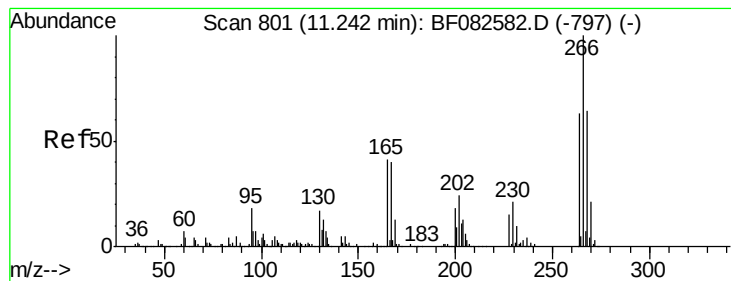
Tgt Ion:284 Resp: 385396
Ion Ratio Lower Upper
284 100
142 50.0 47.9 71.9
249 36.4 29.7 44.5



#68
Atrazine
Concen: 38.04 ng
RT: 11.14 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF082597.D
Acq: 31 Oct 2015 3:28

Tgt Ion:200 Resp: 336647
Ion Ratio Lower Upper
200 100
173 26.6 6.9 46.9
215 43.7 22.9 62.9





#69

Pentachlorophenol

Concen: 81.15 ng

RT: 11.24 min Scan# 801

Delta R.T. -0.00 min

Lab File: BF082597.D

Acq: 31 Oct 2015 3:28

Instrument :

BNA_F

ClientSampleId :

PB86326BSD

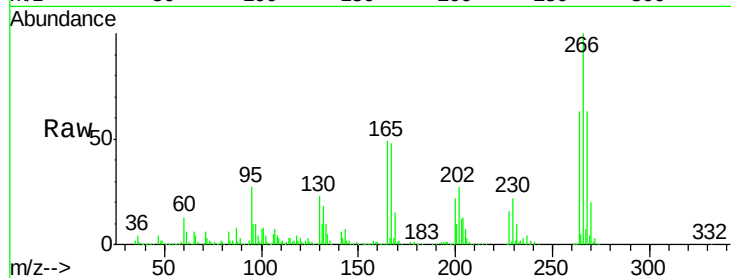
Tgt Ion:266 Resp: 529079

Ion Ratio Lower Upper

266 100

268 63.3 51.0 76.6

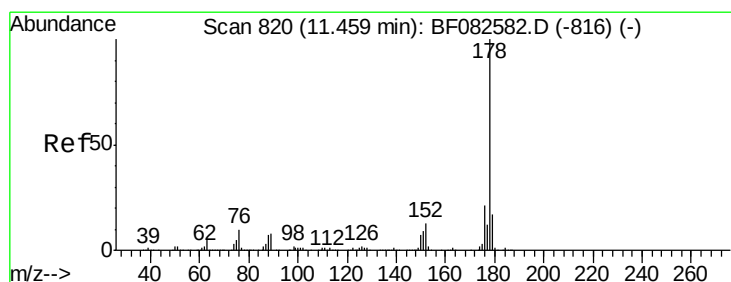
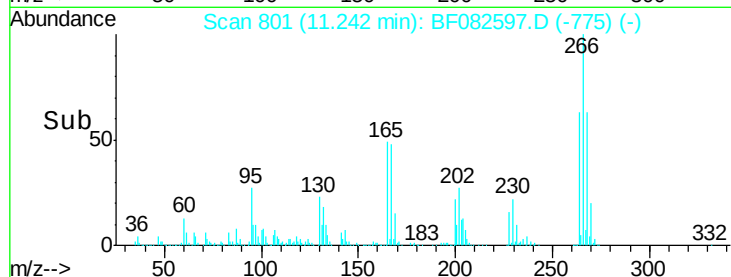
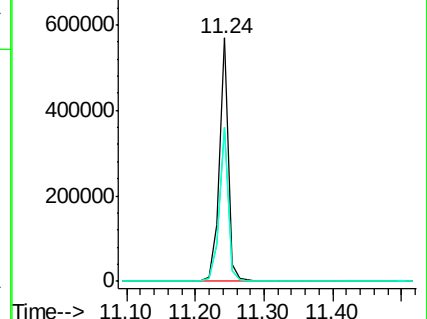
264 63.4 50.6 75.8



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: 37.16 ng

RT: 11.46 min Scan# 820

Delta R.T. -0.00 min

Lab File: BF082597.D

Acq: 31 Oct 2015 3:28

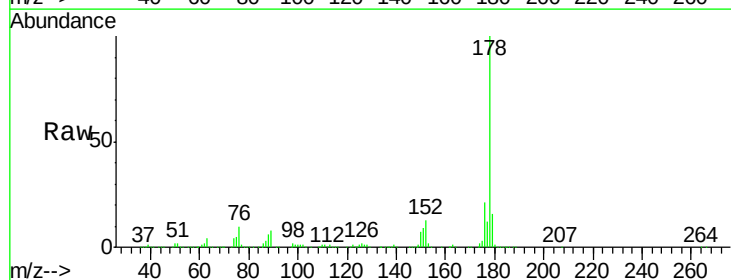
Tgt Ion:178 Resp: 1649199

Ion Ratio Lower Upper

178 100

176 21.0 17.0 25.4

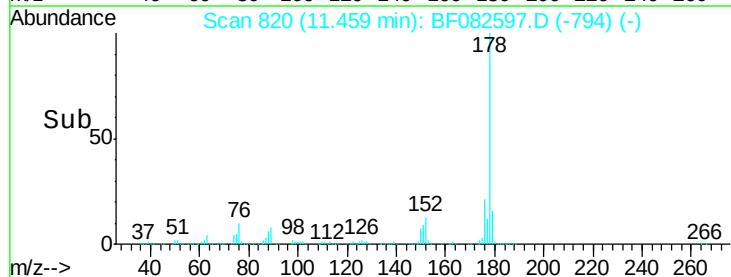
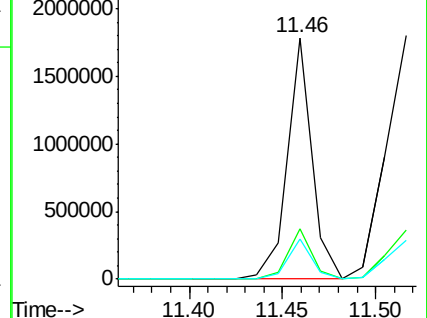
179 16.5 13.4 20.0

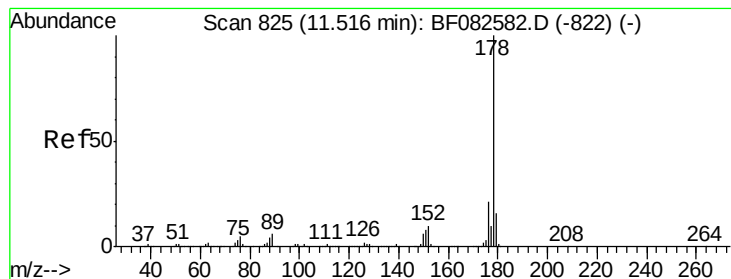


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 43.13 ng

RT: 11.52 min Scan# 825

Delta R.T. -0.00 min

Lab File: BF082597.D

Acq: 31 Oct 2015 3:28

Instrument :

BNA_F

ClientSampleId :

PB86326BSD

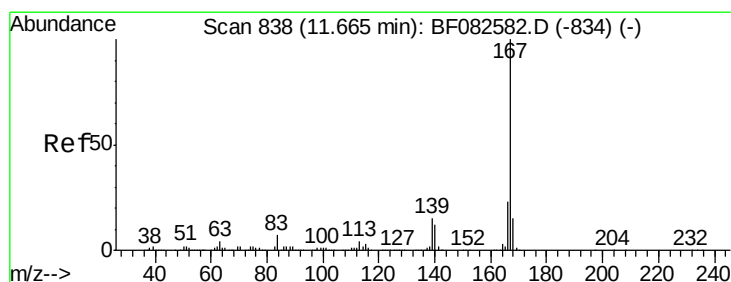
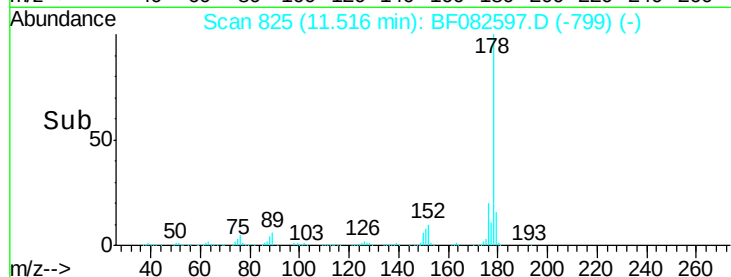
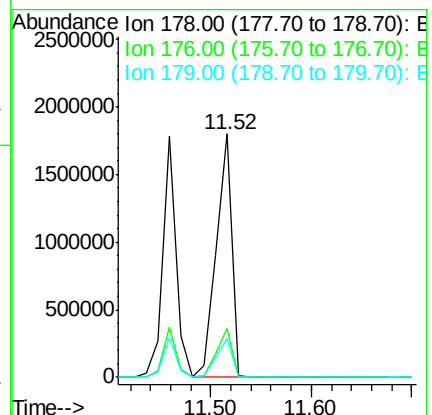
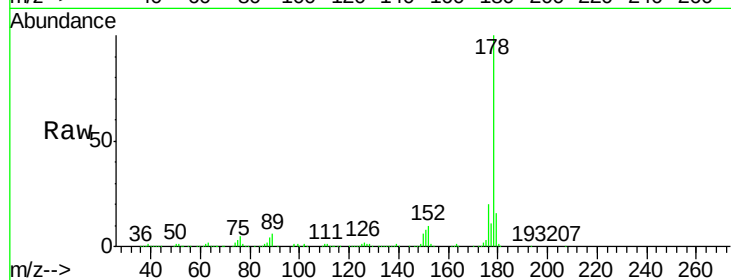
Tgt Ion:178 Resp: 1927544

Ion Ratio Lower Upper

178 100

176 20.0 16.5 24.7

179 16.0 13.2 19.8



#72

Carbazole

Concen: 42.79 ng

RT: 11.66 min Scan# 838

Delta R.T. -0.00 min

Lab File: BF082597.D

Acq: 31 Oct 2015 3:28

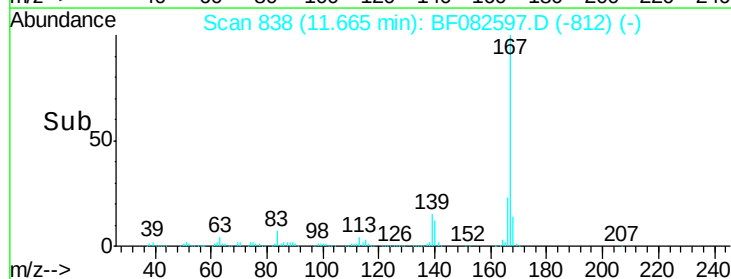
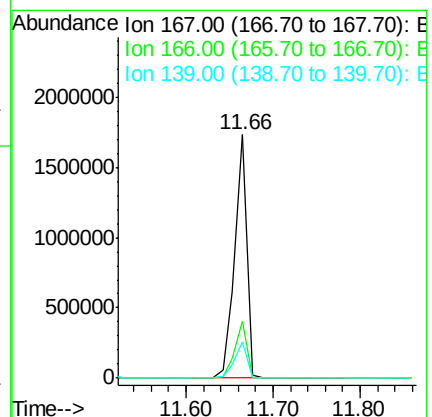
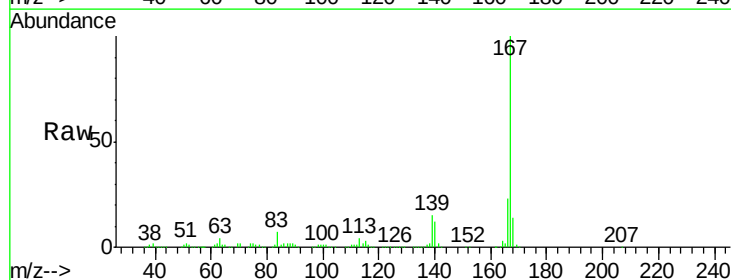
Tgt Ion:167 Resp: 1665753

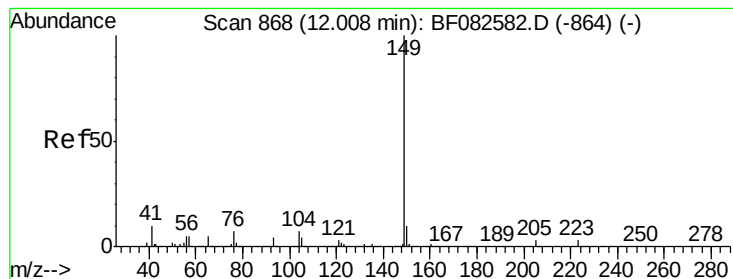
Ion Ratio Lower Upper

167 100

166 23.1 18.7 28.1

139 14.9 11.8 17.6





#73

Di-n-butylphthalate

Concen: 42.95 ng

RT: 12.01 min Scan# 868

Delta R.T. -0.00 min

Lab File: BF082597.D

Acq: 31 Oct 2015 3:28

Instrument :

BNA_F

ClientSampleId :

PB86326BSD

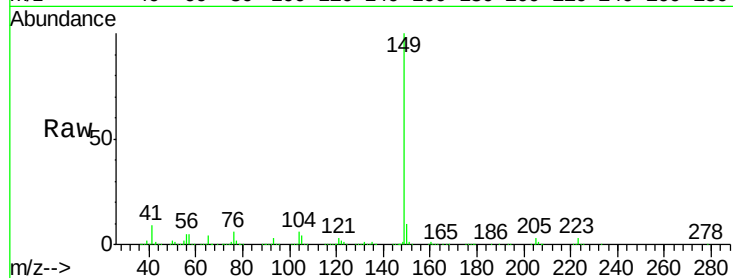
Tgt Ion:149 Resp: 2128434

Ion Ratio Lower Upper

149 100

150 9.9 8.1 12.1

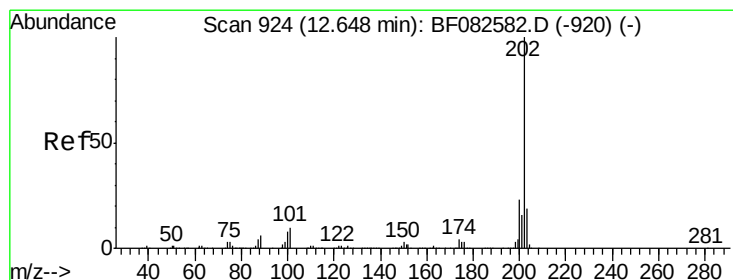
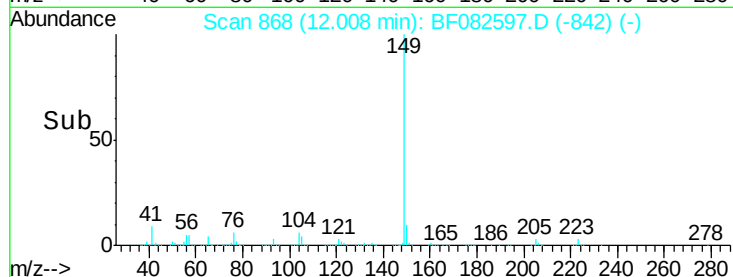
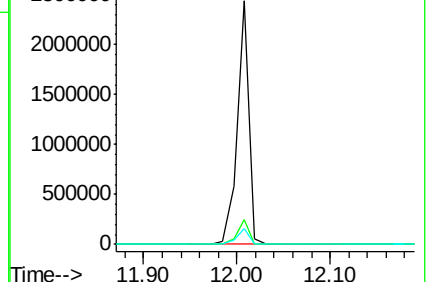
104 6.4 5.2 7.8



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: 37.15 ng

RT: 12.65 min Scan# 924

Delta R.T. -0.00 min

Lab File: BF082597.D

Acq: 31 Oct 2015 3:28

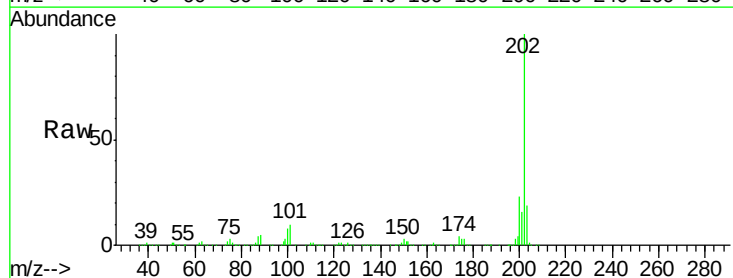
Tgt Ion:202 Resp: 1685749

Ion Ratio Lower Upper

202 100

101 9.9 0.0 30.5

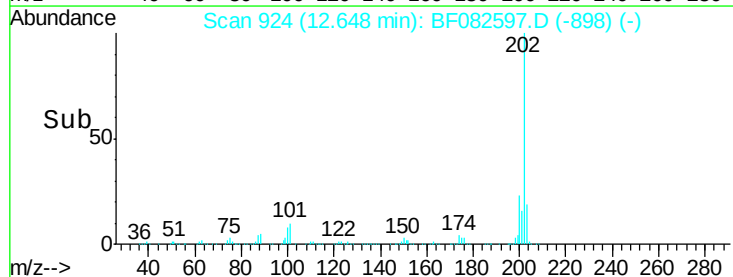
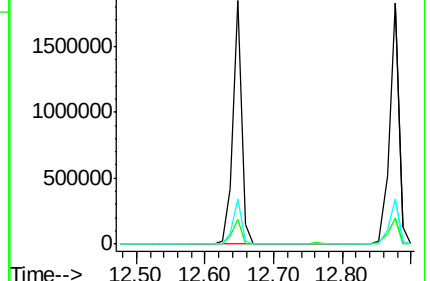
203 18.6 0.0 38.5

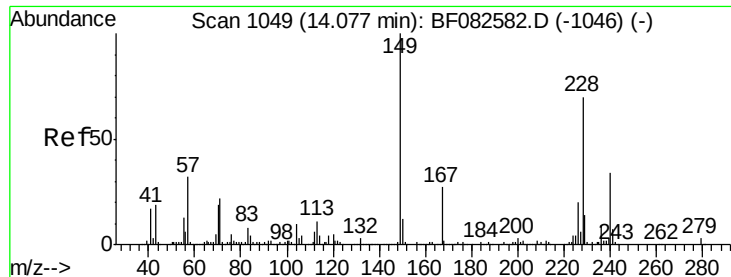


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF082597.D

Acq: 31 Oct 2015 3:28

Instrument :

BNA_F

ClientSampleId :

PB86326BSD

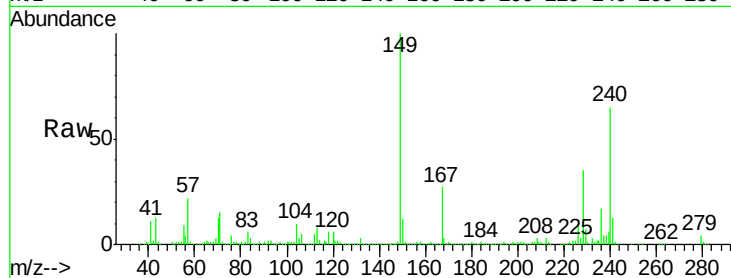
Tgt Ion:240 Resp: 603358

Ion Ratio Lower Upper

240 100

120 9.3 10.9 16.3#

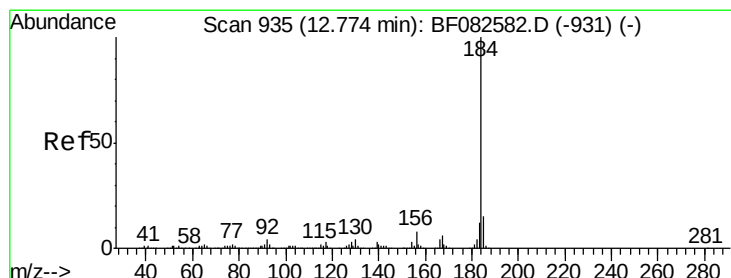
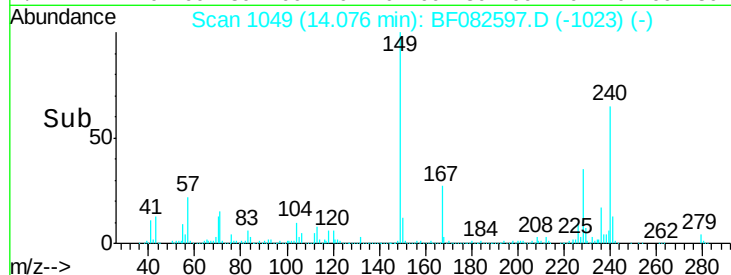
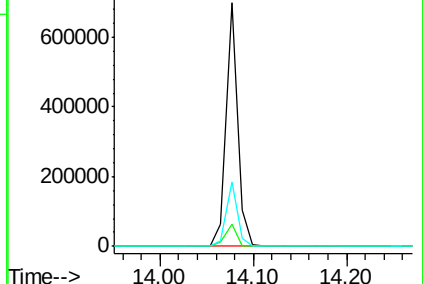
236 26.7 21.6 32.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 21.39 ng

RT: 12.76 min Scan# 934

Delta R.T. -0.01 min

Lab File: BF082597.D

Acq: 31 Oct 2015 3:28

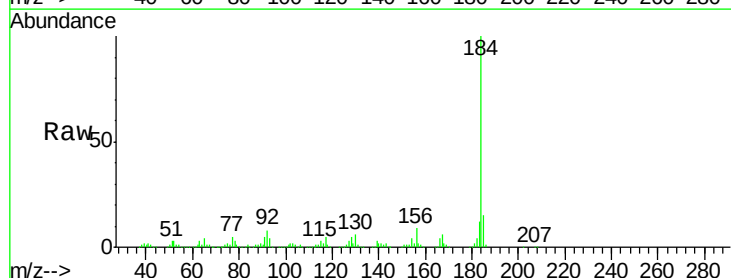
Tgt Ion:184 Resp: 581923

Ion Ratio Lower Upper

184 100

185 14.9 12.0 18.0

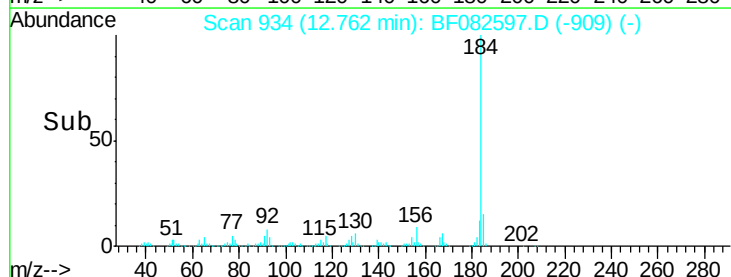
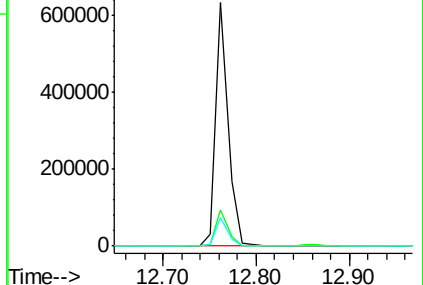
183 11.7 9.6 14.4

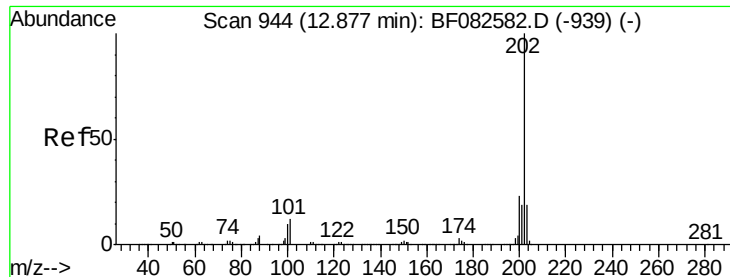


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 38.47 ng

RT: 12.88 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF082597.D

Acq: 31 Oct 2015 3:28

Instrument :

BNA_F

ClientSampleId :

PB86326BSD

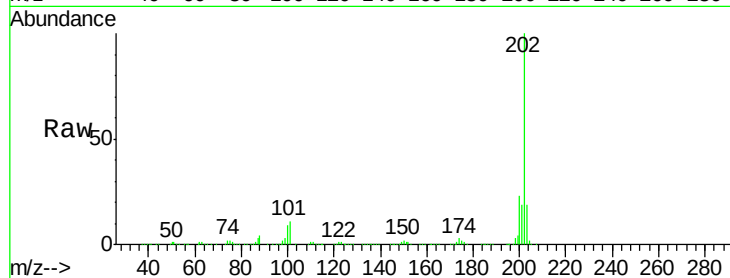
Tgt Ion:202 Resp: 1718775

Ion Ratio Lower Upper

202 100

200 23.5 18.7 28.1

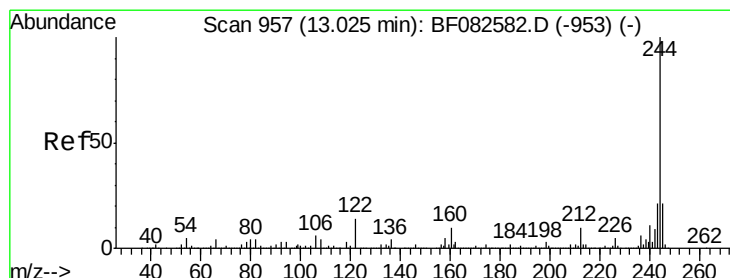
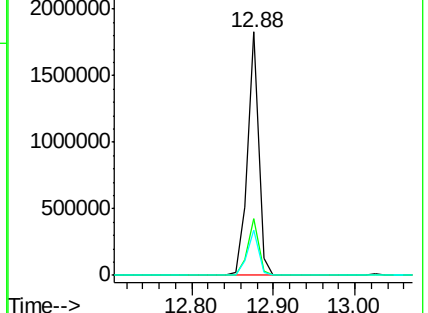
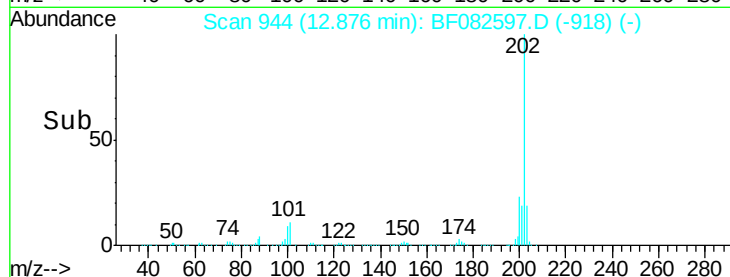
203 18.6 14.8 22.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 76.07 ng

RT: 13.02 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF082597.D

Acq: 31 Oct 2015 3:28

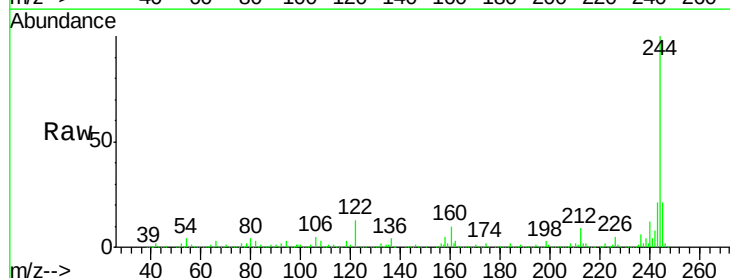
Tgt Ion:244 Resp: 2097306

Ion Ratio Lower Upper

244 100

212 9.3 7.6 11.4

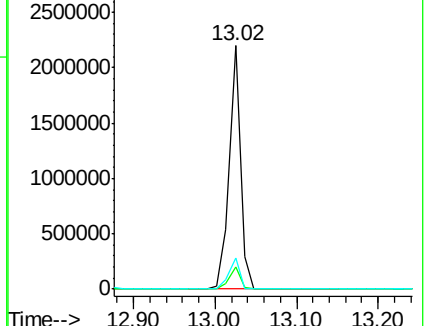
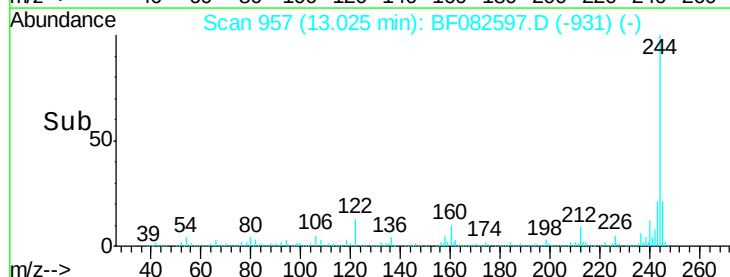
122 12.8 11.3 16.9

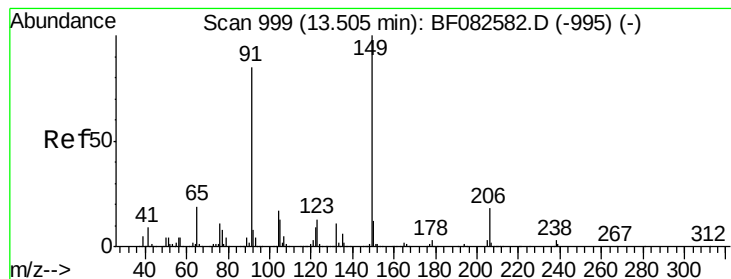


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 44.01 ng

RT: 13.50 min Scan# 999

Delta R.T. -0.00 min

Lab File: BF082597.D

Acq: 31 Oct 2015 3:28

Instrument :

BNA_F

ClientSampleId :

PB86326BSD

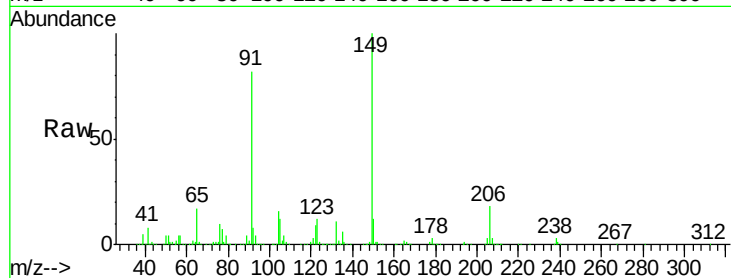
Tgt Ion:149 Resp: 861317

Ion Ratio Lower Upper

149 100

91 81.5 67.7 101.5

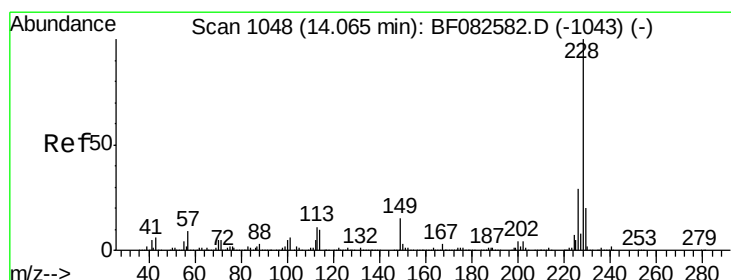
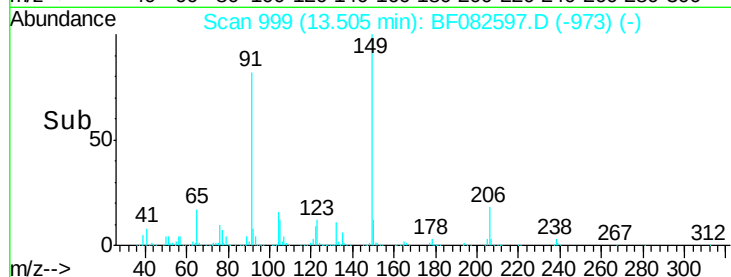
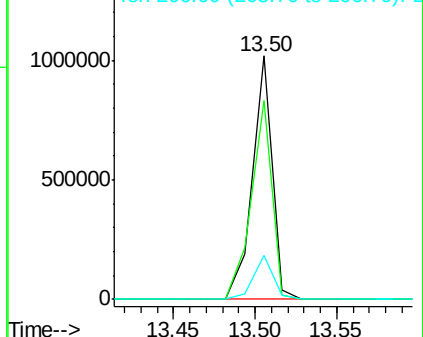
206 18.2 14.6 22.0



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: 38.37 ng

RT: 14.07 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BF082597.D

Acq: 31 Oct 2015 3:28

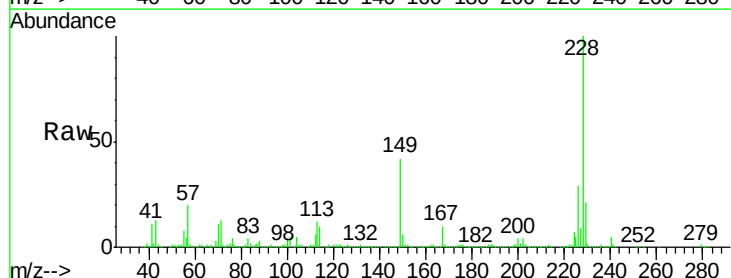
Tgt Ion:228 Resp: 1470536

Ion Ratio Lower Upper

228 100

226 29.3 23.4 35.2

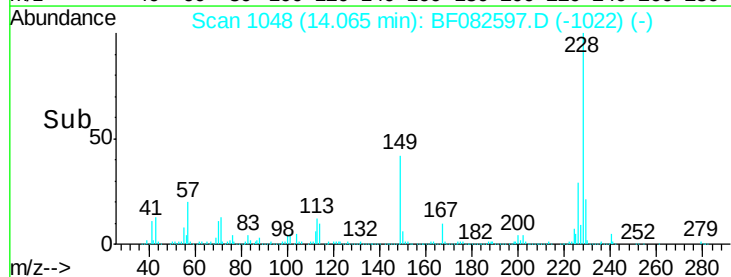
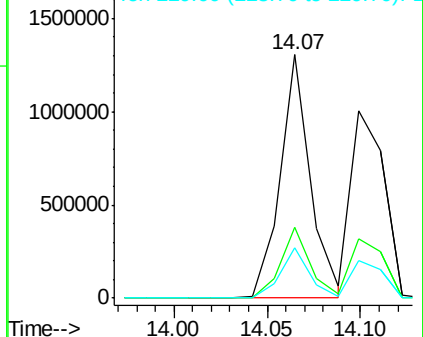
229 20.5 16.3 24.5

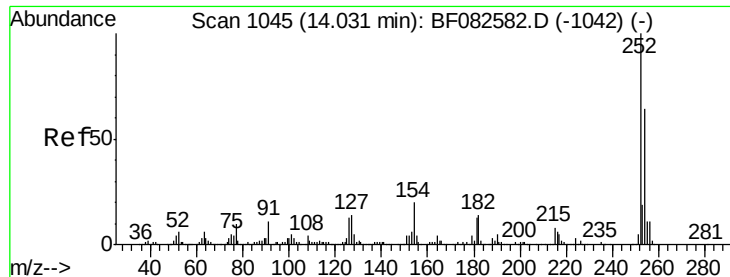


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

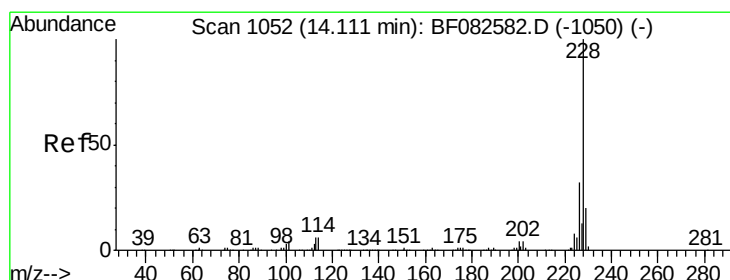
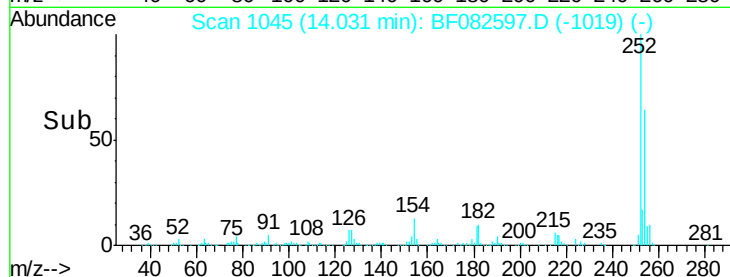
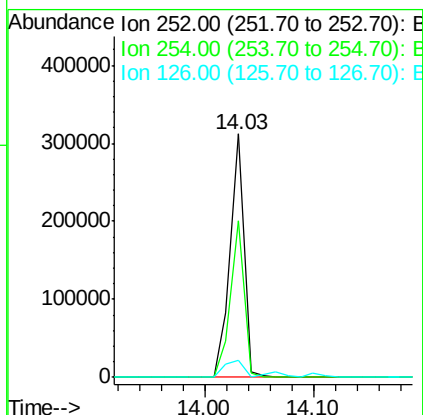
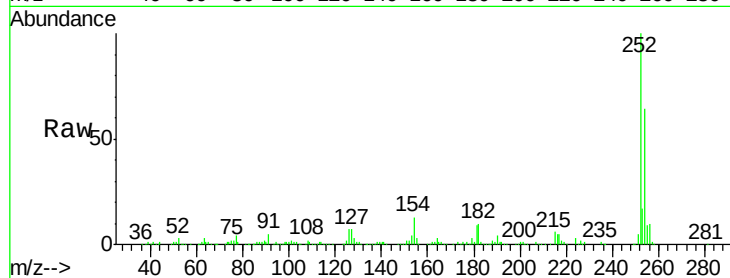




#81
 3,3'-Dichlorobenzidine
 Concen: 21.10 ng
 RT: 14.03 min Scan# 1045
 Delta R.T. -0.00 min
 Lab File: BF082597.D
 Acq: 31 Oct 2015 3:28

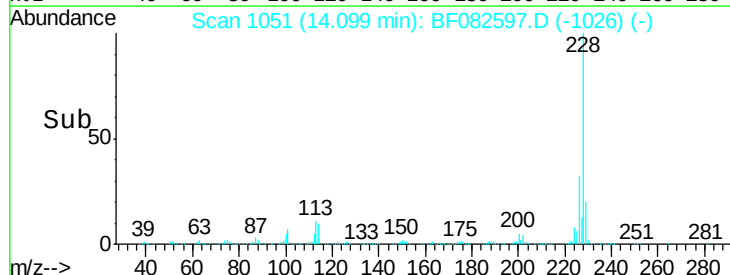
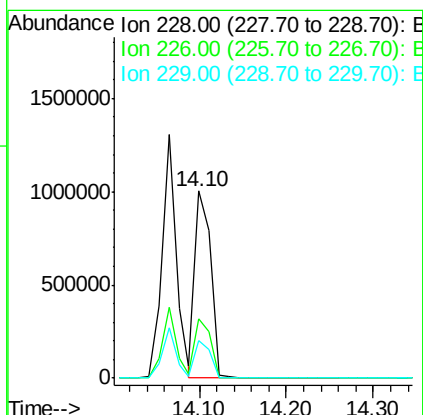
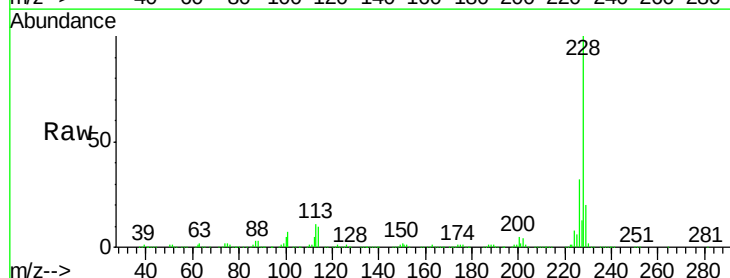
Instrument :
 BNA_F
 ClientSampleId :
 PB86326BSD

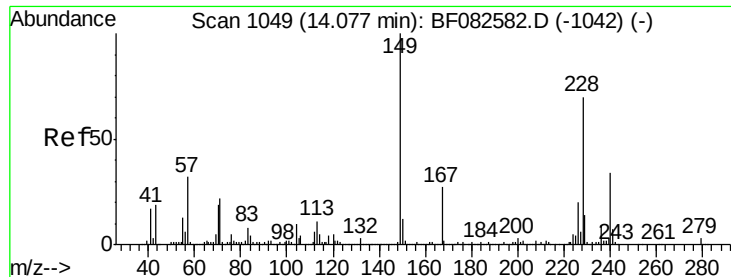
Tgt Ion:252 Resp: 278622
 Ion Ratio Lower Upper
 252 100
 254 64.2 51.4 77.0
 126 7.1 10.7 16.1#



#82
 Chrysene
 Concen: 36.05 ng
 RT: 14.10 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: BF082597.D
 Acq: 31 Oct 2015 3:28

Tgt Ion:228 Resp: 1252334
 Ion Ratio Lower Upper
 228 100
 226 31.9 25.5 38.3
 229 20.2 16.3 24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.93 ng

RT: 14.08 min Scan# 1049

Delta R.T. -0.00 min

Lab File: BF082597.D

Acq: 31 Oct 2015 3:28

Instrument :

BNA_F

ClientSampleId :

PB86326BSD

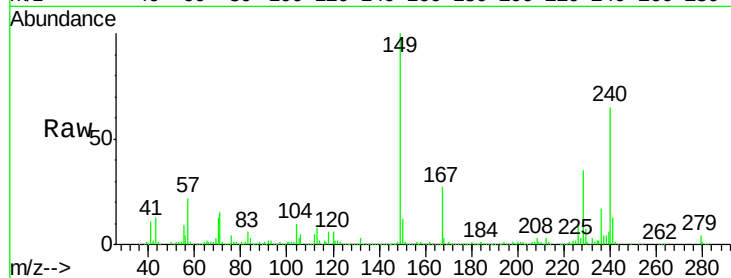
Tgt Ion:149 Resp: 1139765

Ion Ratio Lower Upper

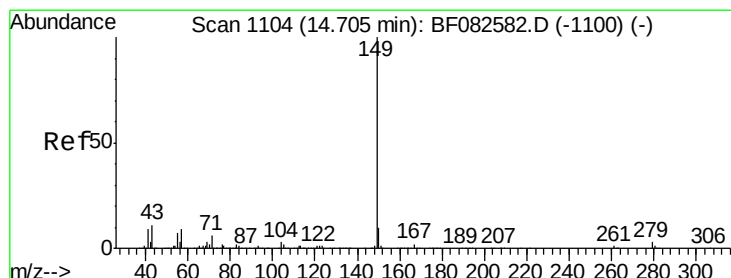
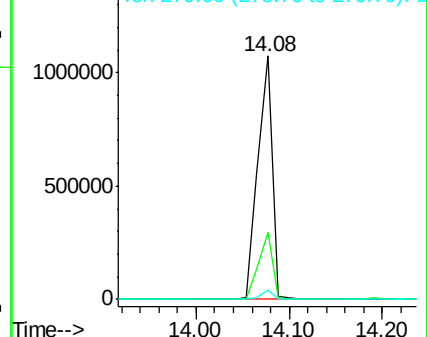
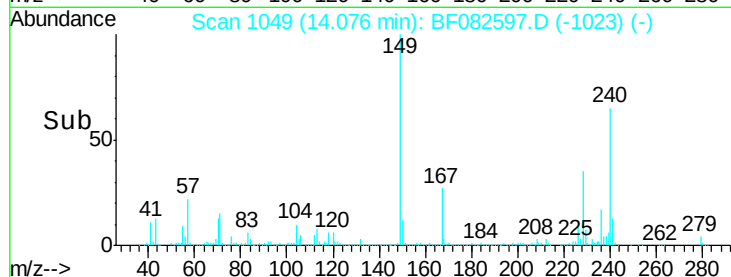
149 100

167 27.3 21.2 31.8

279 4.1 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: 40.19 ng

RT: 14.68 min Scan# 1102

Delta R.T. -0.02 min

Lab File: BF082597.D

Acq: 31 Oct 2015 3:28

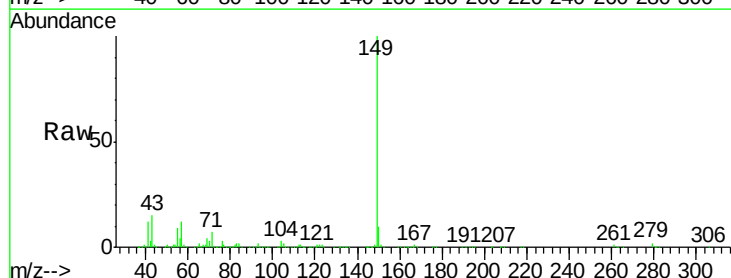
Tgt Ion:149 Resp: 1590183

Ion Ratio Lower Upper

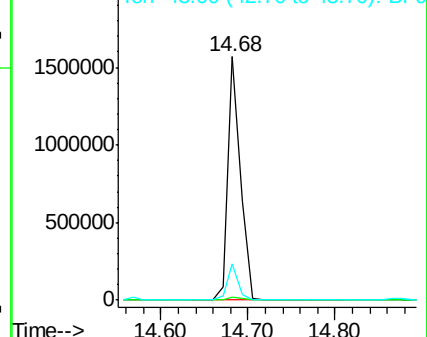
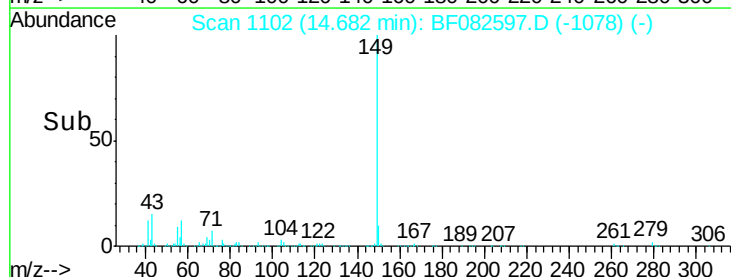
149 100

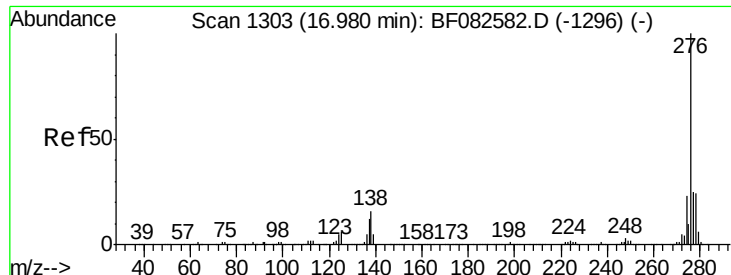
167 1.5 1.3 1.9

43 12.9 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



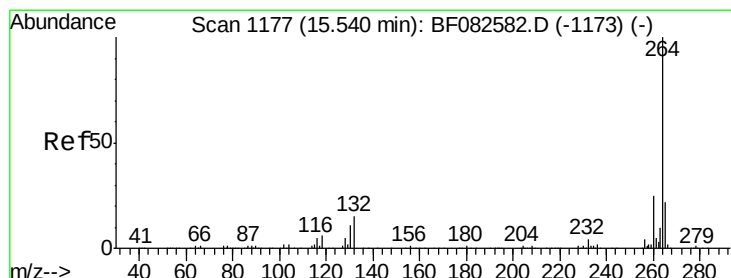
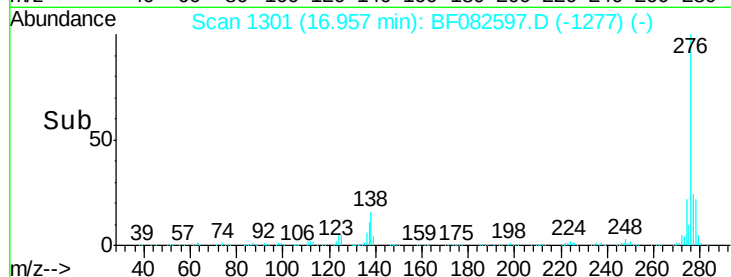
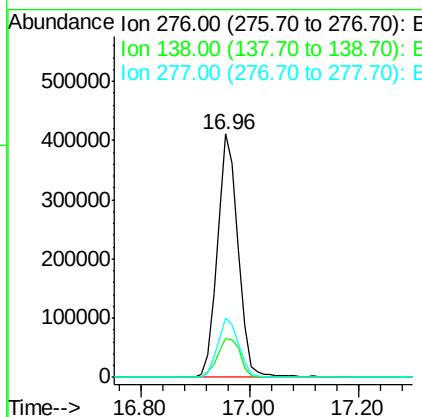
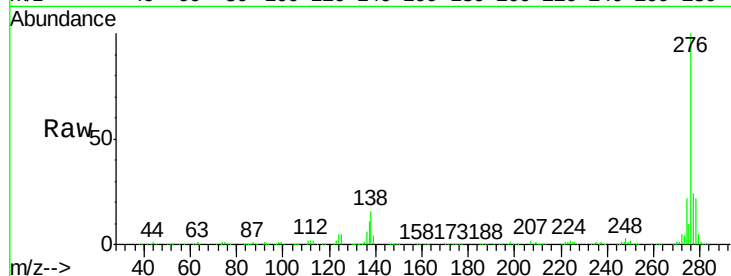


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.51 ng
 RT: 16.96 min Scan# 1301
 Delta R.T. -0.02 min
 Lab File: BF082597.D
 Acq: 31 Oct 2015 3:28

Instrument :
 BNA_F
 ClientSampleId :
 PB86326BSD

Tgt Ion: 276 Resp: 1103982

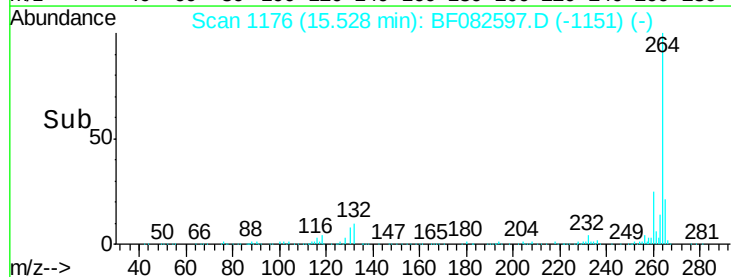
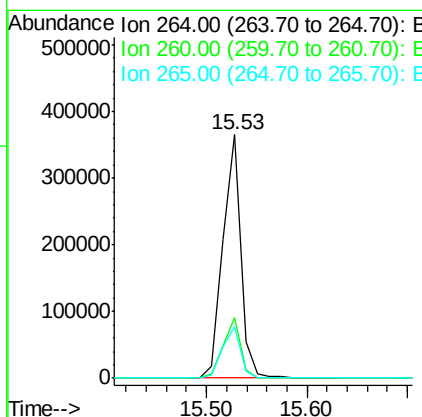
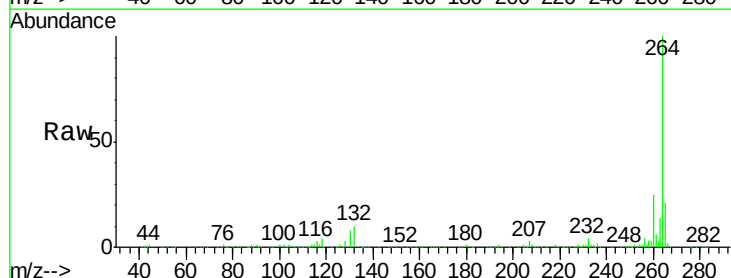
Ion	Ratio	Lower	Upper
276	100		
138	18.0	15.3	22.9
277	25.0	20.2	30.4

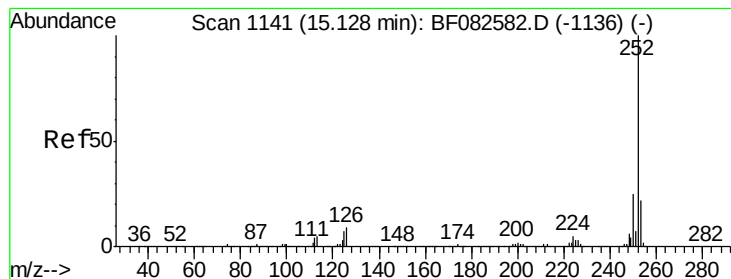


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.53 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF082597.D
 Acq: 31 Oct 2015 3:28

Tgt Ion: 264 Resp: 452384

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.8	29.6
265	21.4	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 41.46 ng

RT: 15.11 min Scan# 1139

Delta R.T. -0.02 min

Lab File: BF082597.D

Acq: 31 Oct 2015 3:28

Instrument :

BNA_F

ClientSampleId :

PB86326BSD

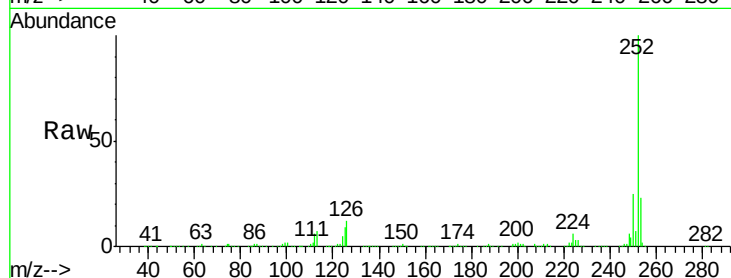
Tgt Ion:252 Resp: 1293374

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.8

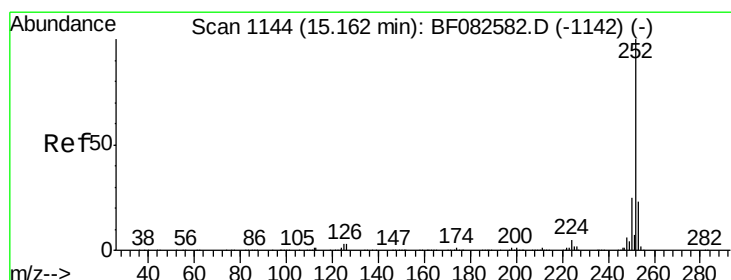
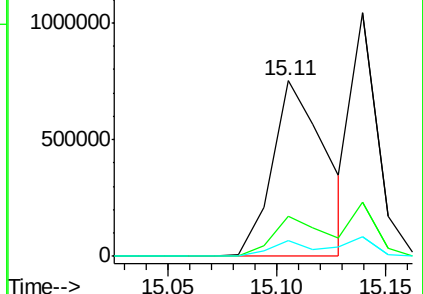
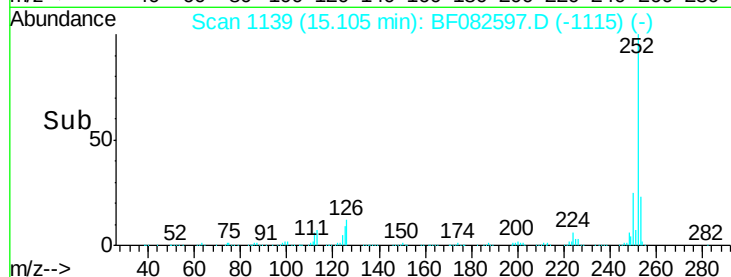
125 9.3 5.4 8.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 54.42 ng

RT: 15.11 min Scan# 1139

Delta R.T. -0.06 min

Lab File: BF082597.D

Acq: 31 Oct 2015 3:28

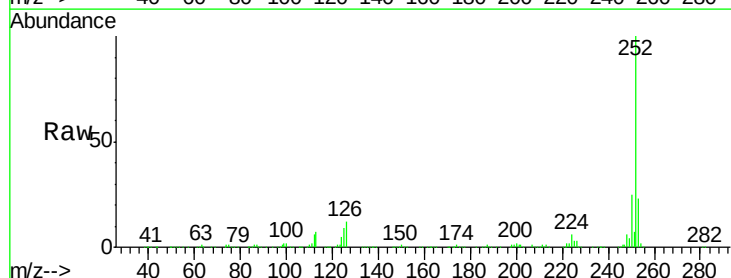
Tgt Ion:252 Resp: 1293374

Ion Ratio Lower Upper

252 100

253 22.5 17.9 26.9

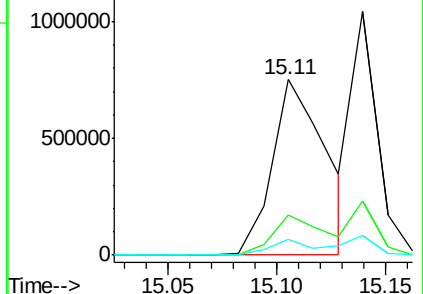
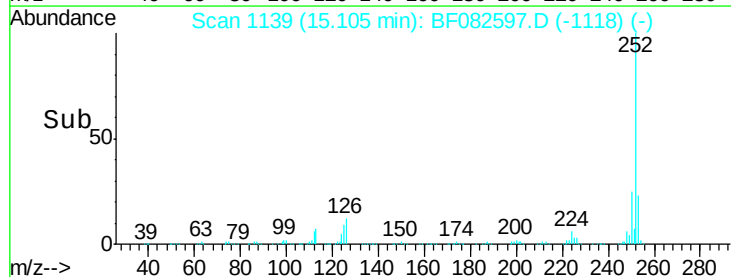
125 9.3 3.5 5.3#

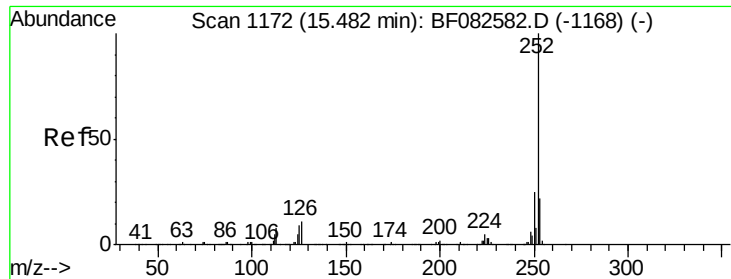


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 41.44 ng

RT: 15.47 min Scan# 1171

Delta R.T. -0.01 min

Lab File: BF082597.D

Acq: 31 Oct 2015 3:28

Instrument :

BNA_F

ClientSampleId :

PB86326BSD

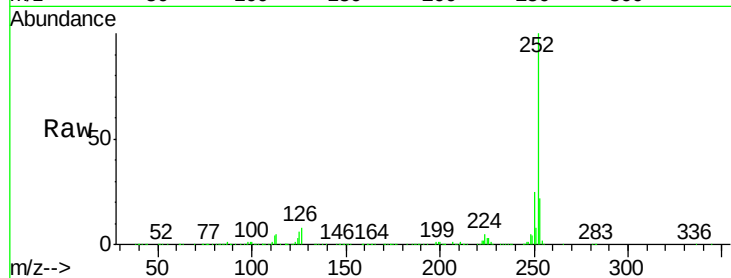
Tgt Ion:252 Resp: 1018124

Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

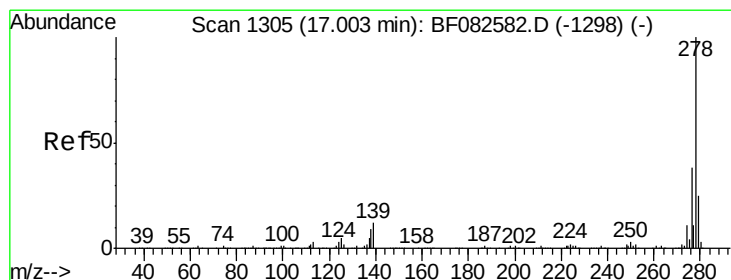
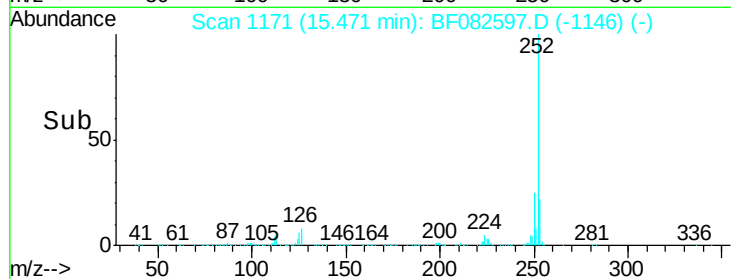
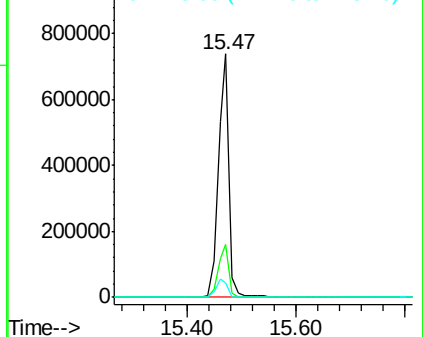
125 6.0 7.1 10.7#



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: 40.63 ng

RT: 16.98 min Scan# 1303

Delta R.T. -0.02 min

Lab File: BF082597.D

Acq: 31 Oct 2015 3:28

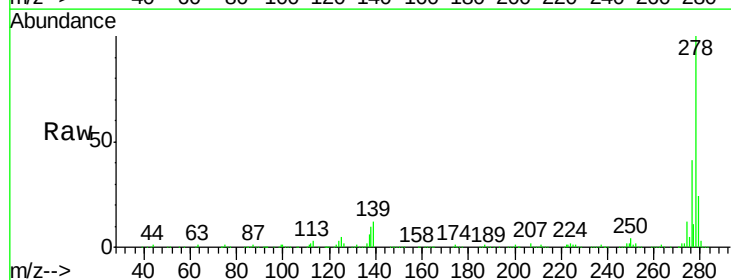
Tgt Ion:278 Resp: 931452

Ion Ratio Lower Upper

278 100

139 12.0 9.9 14.9

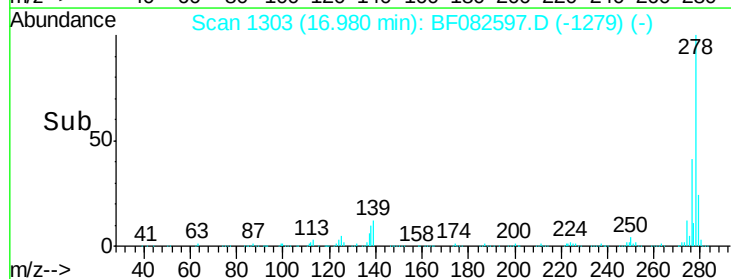
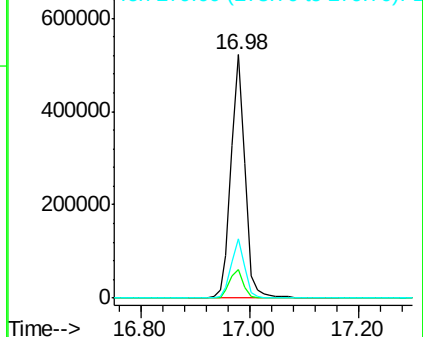
279 24.3 19.6 29.4

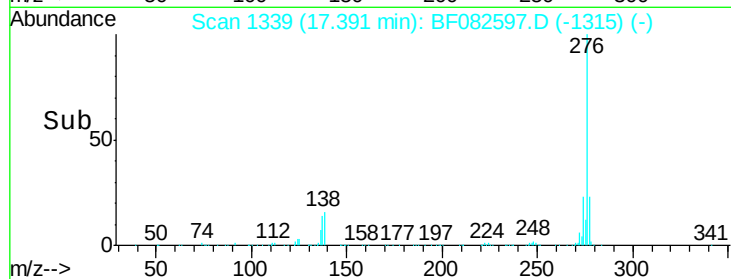
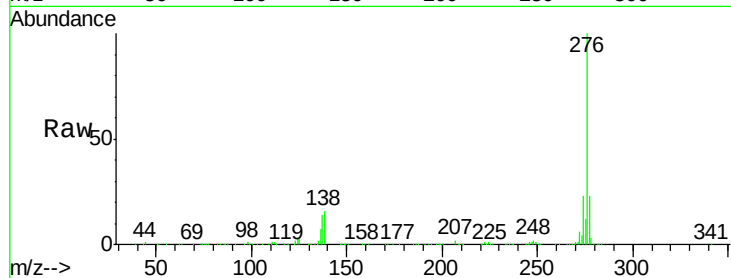
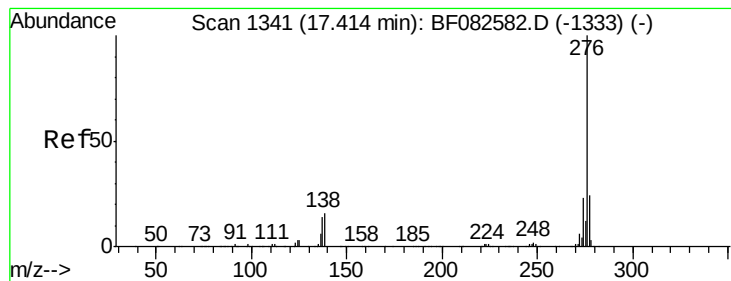


Abundance Ion 278.00 (277.70 to 278.70): E

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: 41.17 ng

RT: 17.39 min Scan# 1339

Delta R.T. -0.02 min

Lab File: BF082597.D

Acq: 31 Oct 2015 3:28

Instrument :

BNA_F

ClientSampleId :

PB86326BSD

Tgt Ion: 276 Resp: 914646

Ion Ratio Lower Upper

276 100

277 23.2 19.2 28.8

138 16.0 13.1 19.7

