

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
 Data File : BF082894.D
 Acq On : 13 Nov 2015 13:39
 Operator : UM/IZ
 Sample : PB86628BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86628BS

Quant Time: Nov 13 22:18:31 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	265846	20.00	ng	-0.06
21) Naphthalene-d8	8.09	136	1072448	20.00	ng	-0.06
38) Acenaphthene-d10	9.85	164	589643	20.00	ng	-0.05
63) Phenanthrene-d10	11.32	188	1084918	20.00	ng	-0.06
75) Chrysene-d12	13.96	240	878817	20.00	ng	-0.06
86) Perylene-d12	15.39	264	954872	20.00	ng	-0.07

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	1657980	97.04	ng	-0.03
7) Phenol-d6	6.44	99	2029232	89.34	ng	-0.03
23) Nitrobenzene-d5	7.37	82	1387828	56.31	ng	-0.04
41) 2,4,6-Tribromophenol	10.64	330	492428	72.84	ng	-0.04
44) 2-Fluorobiphenyl	9.17	172	2214425	53.83	ng	-0.05
78) Terphenyl-d14	12.91	244	2214351	59.76	ng	-0.06

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.43	88	216666	29.39	ng	97
3) Pyridine	3.13	79	617643	28.87	ng	92
4) n-Nitrosodimethylamine	3.07	42	294283	27.74	ng	# 70
6) Aniline	6.46	93	624396	19.58	ng	# 88
8) 2-Chlorophenol	6.59	128	595144	31.42	ng	98
9) Benzaldehyde	6.34	77	42779	3.41	ng	81
10) Phenol	6.45	94	641824	24.90	ng	78
11) bis(2-Chloroethyl)ether	6.53	93	604106	31.34	ng	93
12) 1,3-Dichlorobenzene	6.97	146	552952	25.88	ng	97
13) 1,4-Dichlorobenzene	6.82	146	659449	29.67	ng	94
14) 1,2-Dichlorobenzene	6.97	146	553129	27.37	ng	94
15) Benzyl Alcohol	6.94	79	522444	26.19	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.08	45	964488	34.12	ng	98
17) 2-Methylphenol	7.07	107	529639	33.01	ng	92
18) Hexachloroethane	7.32	117	226752	28.52	ng	# 78
19) n-Nitroso-di-n-propylamine	7.22	70	466335	27.93	ng	90
20) 3+4-Methylphenols	7.22	107	576487	27.64	ng	91
22) Acetophenone	7.22	105	852534	27.74	ng	# 92
24) Nitrobenzene	7.39	77	670727	26.61	ng	89
25) Isophorone	7.63	82	1279208	28.05	ng	97
26) 2-Nitrophenol	7.70	139	285417	27.13	ng	# 80
27) 2,4-Dimethylphenol	7.76	122	579880	30.68	ng	86
28) bis(2-Chloroethoxy)methane	7.85	93	809260	31.46	ng	99
29) 2,4-Dichlorophenol	7.95	162	534781	31.30	ng	92
30) 1,2,4-Trichlorobenzene	8.03	180	521997	27.17	ng	98
31) Naphthalene	8.11	128	1622486	27.42	ng	100
32) Benzoic acid	7.88	122	349297	26.99	ng	85
33) 4-Chloroaniline	8.16	127	287357	11.27	ng	# 89
34) Hexachlorobutadiene	8.24	225	320209	26.63	ng	98
35) Caprolactam	8.53	113	120063	22.29	ng	# 66
36) 4-Chloro-3-methylphenol	8.65	107	557932	27.77	ng	92
37) 2-Methylnaphthalene	8.90	142	935431	24.44	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	493086	25.45	ng	98
40) Hexachlorocyclopentadiene	8.97	237	633053	60.81	ng	98

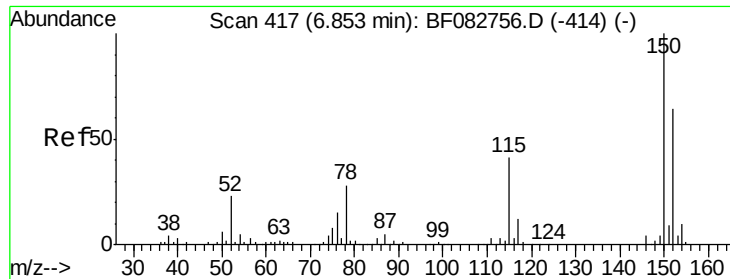
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	350867	24.26	ng	99
43) 2,4,5-Trichlorophenol	9.13	196	370627	25.91	ng	93
45) 1,1'-Biphenyl	9.26	154	1267600	25.05	ng	95
46) 2-Chloronaphthalene	9.29	162	962965	24.40	ng	96
47) 2-Nitroaniline	9.39	65	388399	26.53	ng	# 47
48) Acenaphthylene	9.71	152	1728249	27.94	ng	98
49) Dimethylphthalate	9.57	163	1150385	23.81	ng	100
50) 2,6-Dinitrotoluene	9.63	165	274576	26.64	ng	94
51) Acenaphthene	9.88	154	1237998	31.58	ng	99
52) 3-Nitroaniline	9.79	138	168094	14.83	ng	92
53) 2,4-Dinitrophenol	9.90	184	328517	58.05	ng	# 21
54) Dibenzofuran	10.05	168	1531643	28.98	ng	90
55) 4-Nitrophenol	9.97	139	508737	58.50	ng	90
56) 2,4-Dinitrotoluene	10.03	165	351715	25.15	ng	94
57) Fluorene	10.40	166	1223511	28.58	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	300664	25.75	ng	# 90
59) Diethylphthalate	10.28	149	1282260	27.18	ng	96
60) 4-Chlorophenyl-phenylether	10.38	204	509713	23.80	ng	# 87
61) 4-Nitroaniline	10.41	138	303272	26.60	ng	# 77
62) Azobenzene	10.54	77	1422489	28.07	ng	93
64) 4,6-Dinitro-2-methylphenol	10.44	198	212259	27.46	ng	# 69
65) n-Nitrosodiphenylamine	10.51	169	1112087	28.37	ng	99
66) 4-Bromophenyl-phenylether	10.88	248	352342	26.97	ng	# 85
67) Hexachlorobenzene	10.94	284	390910	26.80	ng	# 72
68) Atrazine	11.04	200	320612	26.45	ng	97
69) Pentachlorophenol	11.14	266	488487	55.15	ng	99
70) Phenanthrene	11.36	178	1836100	29.14	ng	98
71) Anthracene	11.40	178	1679520	25.31	ng	99
72) Carbazole	11.56	167	1605176	27.63	ng	# 96
73) Di-n-butylphthalate	11.89	149	1979083	27.34	ng	99
74) Fluoranthene	12.53	202	1692360	25.03	ng	96
76) Benzidine	12.66	184	783707	26.61	ng	99
77) Pyrene	12.76	202	1763664	29.22	ng	99
79) Butylbenzylphthalate	13.39	149	850423	31.90	ng	99
80) Benzo(a)anthracene	13.95	228	1666330	30.32	ng	99
81) 3,3'-Dichlorobenzidine	13.92	252	416826	21.33	ng	97
82) Chrysene	14.00	228	1709874	33.97	ng	100
83) Bis(2-ethylhexyl)phthalate	13.96	149	1196589	32.79	ng	97
84) Di-n-octyl phthalate	14.58	149	2086447	34.28	ng	99
85) Indeno(1,2,3-cd)pyrene	16.76	276	1581101	36.47	ng	# 96
87) Benzo(b)fluoranthene	15.01	252	3040459	49.61	ng	# 96
88) Benzo(k)fluoranthene	15.01	252	3042142	55.95	ng	# 96
89) Benzo(a)pyrene	15.33	252	1513489	28.50	ng	98
90) Dibenzo(a,h)anthracene	16.77	278	1309579	29.12	ng	# 97
91) Benzo(g,h,i)perylene	17.17	276	1279580	29.71	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 412

Delta R.T. -0.06 min

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PB86628BS

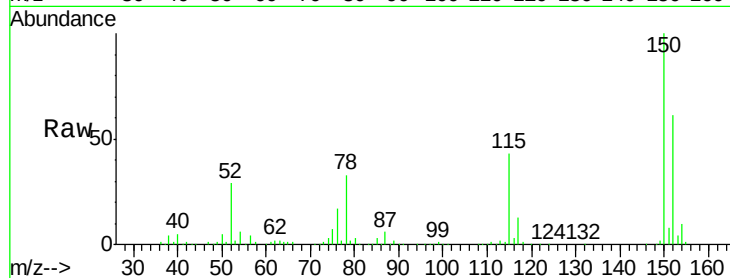
Tgt Ion:152 Resp: 265846

Ion Ratio Lower Upper

152 100

150 164.3 127.0 190.4

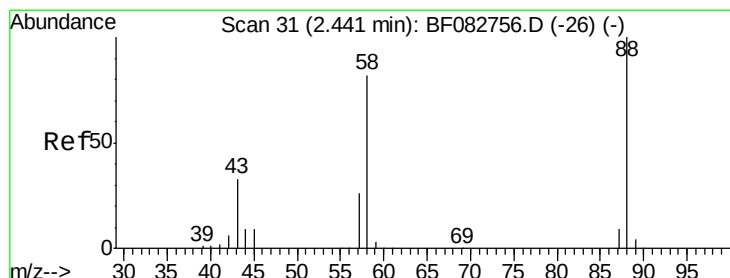
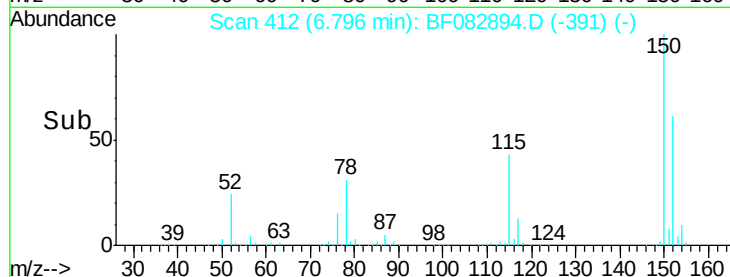
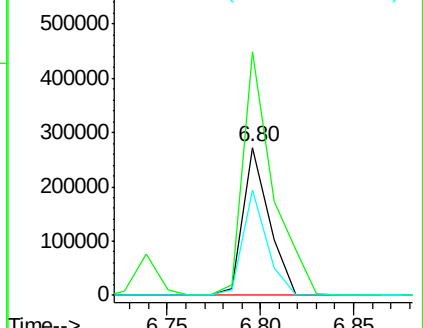
115 71.2 47.0 70.6#



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: 29.39 ng

RT: 2.43 min Scan# 30

Delta R.T. -0.01 min

Lab File: BF082894.D

Acq: 13 Nov 2015 13:39

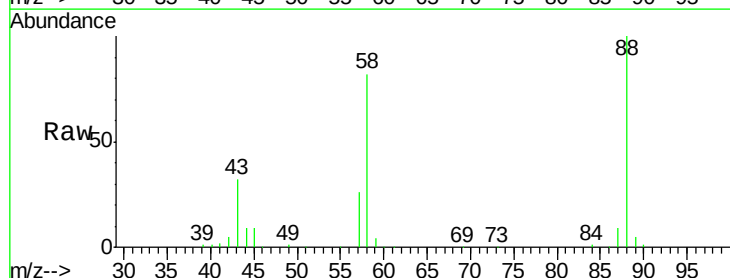
Tgt Ion: 88 Resp: 216666

Ion Ratio Lower Upper

88 100

58 79.7 62.0 93.0

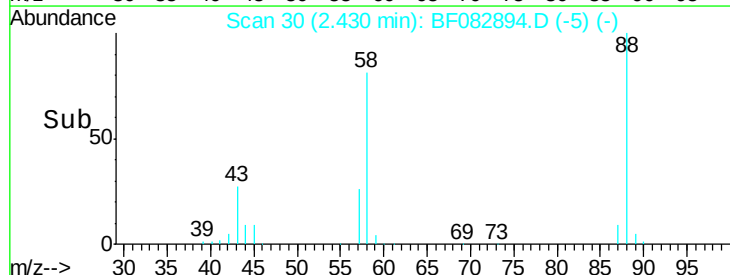
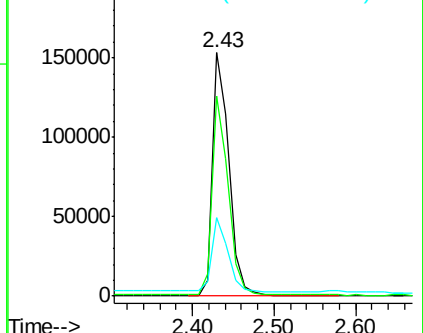
43 30.2 26.6 40.0

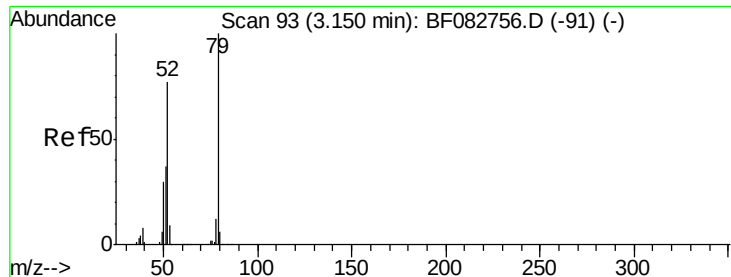


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 28.87 ng

RT: 3.13 min Scan# 91

Delta R.T. -0.03 min

Lab File: BF082894.D

Acq: 13 Nov 2015 13:39

Instrument :

BNA_F

ClientSampleId :

PB86628BS

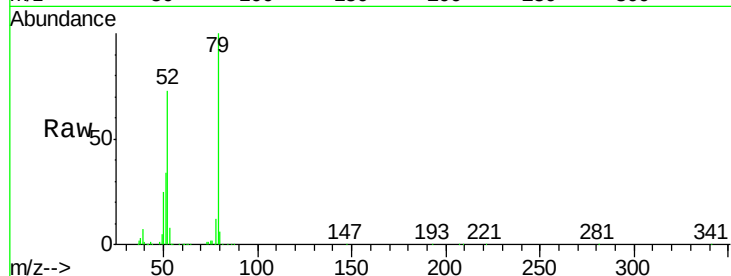
Tgt Ion: 79 Resp: 617643

Ion Ratio Lower Upper

79 100

52 72.5 62.8 94.2

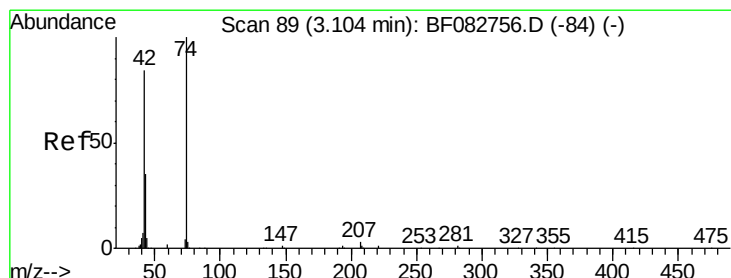
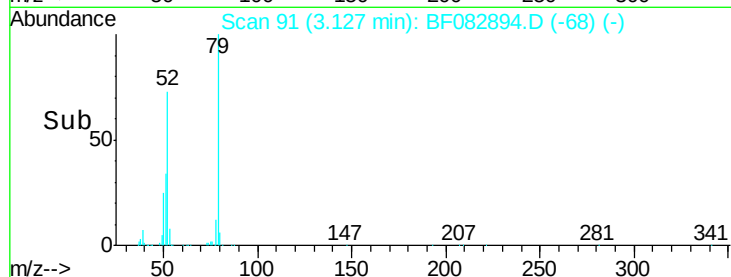
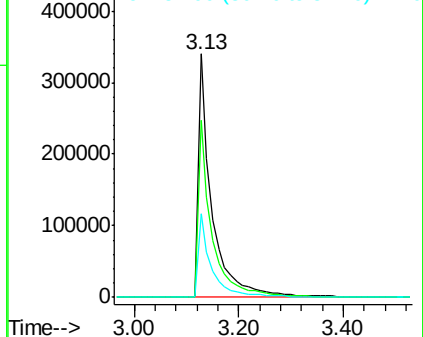
51 34.1 32.0 48.0



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: 27.74 ng

RT: 3.07 min Scan# 86

Delta R.T. -0.02 min

Lab File: BF082894.D

Acq: 13 Nov 2015 13:39

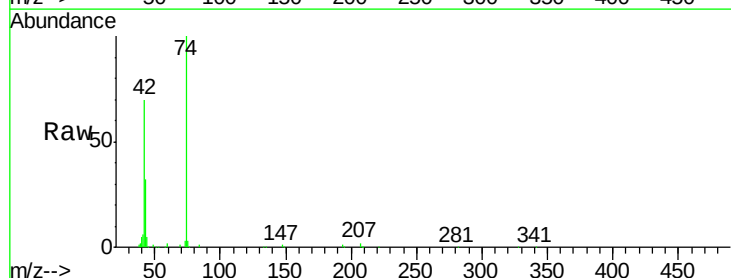
Tgt Ion: 42 Resp: 294283

Ion Ratio Lower Upper

42 100

74 142.5 87.0 130.4#

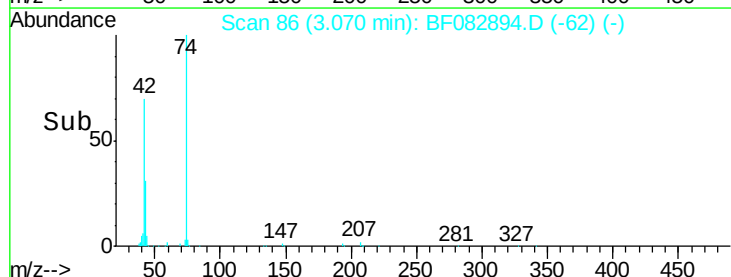
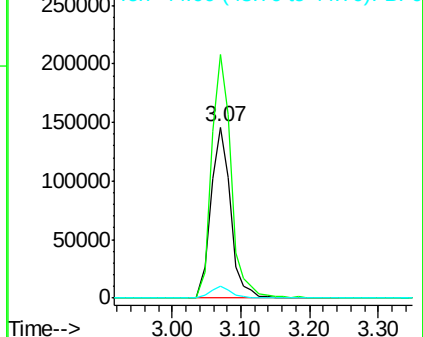
44 7.3 5.8 8.8

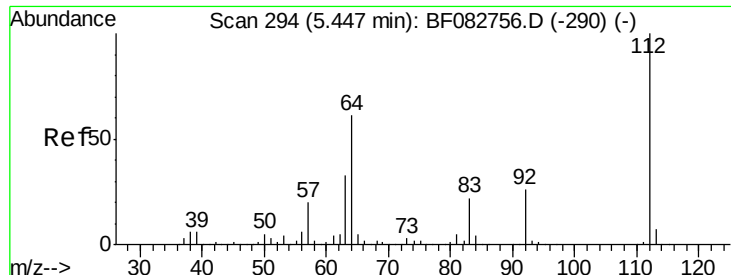


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 97.04 ng

RT: 5.41 min Scan# 291

Delta R.T. -0.03 min

Lab File: BF082894.D

Acq: 13 Nov 2015 13:39

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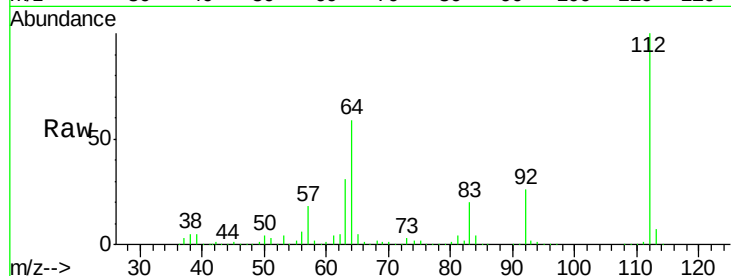
Tgt Ion: 112 Resp: 1657980

Ion Ratio Lower Upper

112 100

64 59.0 48.9 73.3

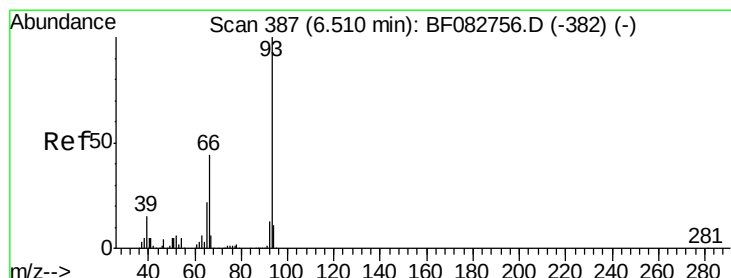
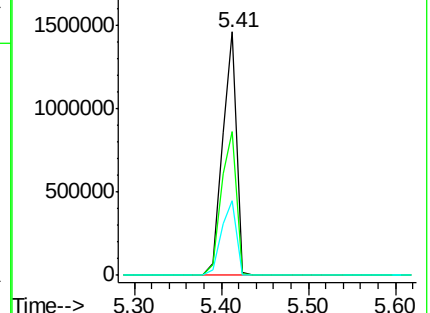
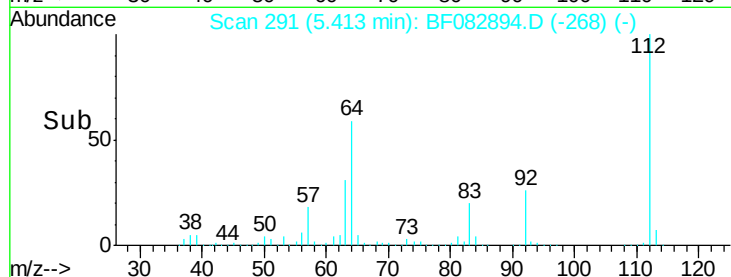
63 30.8 28.1 42.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 19.58 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF082894.D

Acq: 13 Nov 2015 13:39

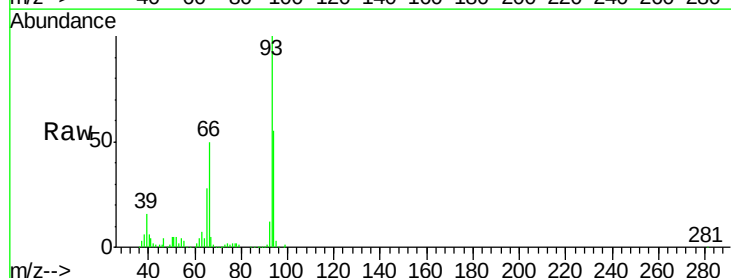
Tgt Ion: 93 Resp: 624396

Ion Ratio Lower Upper

93 100

66 49.6 33.6 50.4

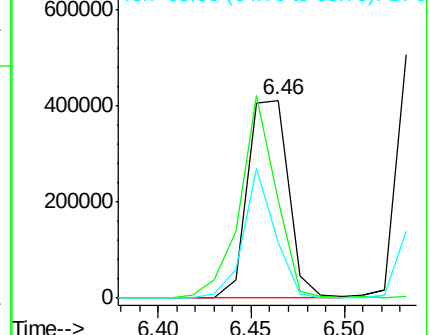
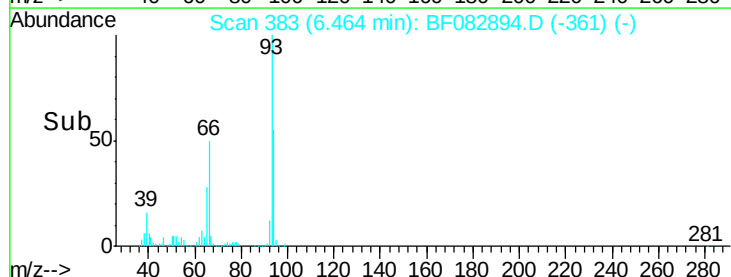
65 28.2 18.1 27.1#

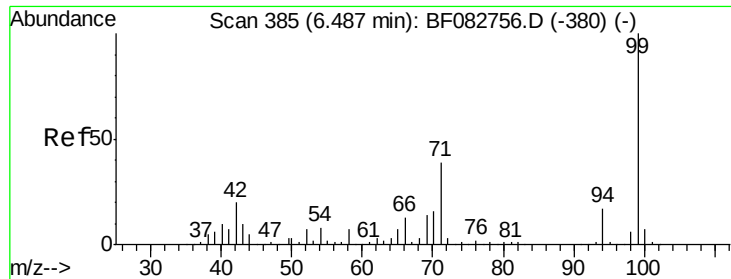


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 89.34 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.03 min

Lab File: BF082894.D

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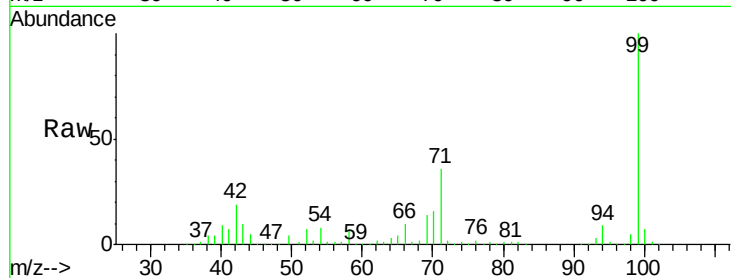
Tgt Ion: 99 Resp: 2029232

Ion Ratio Lower Upper

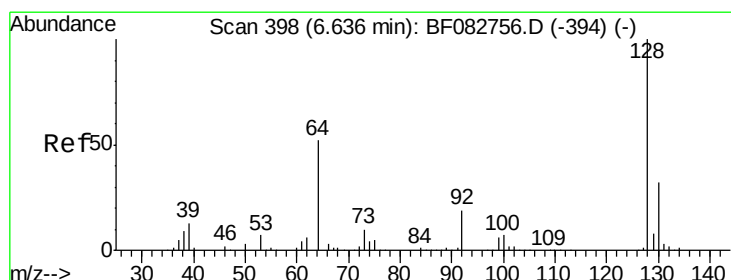
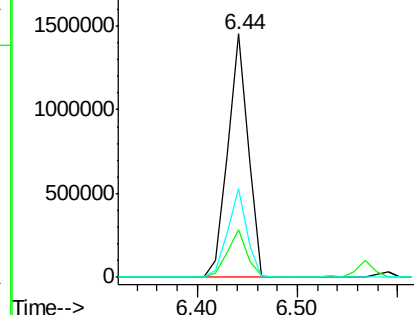
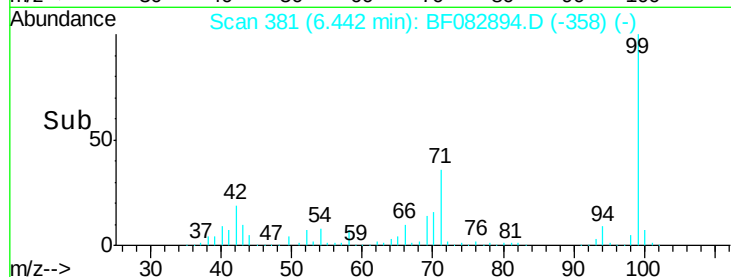
99 100

42 19.5 19.2 28.8

71 36.2 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: 31.42 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.05 min

Lab File: BF082894.D

Acq: 13 Nov 2015 13:39

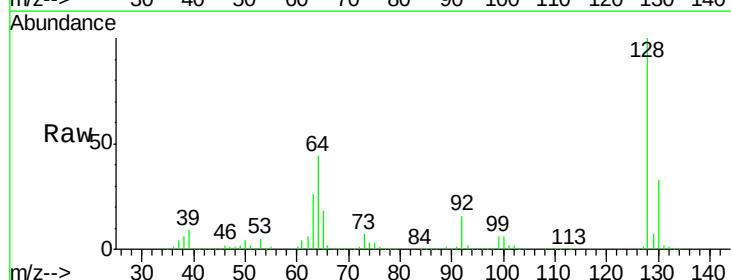
Tgt Ion: 128 Resp: 595144

Ion Ratio Lower Upper

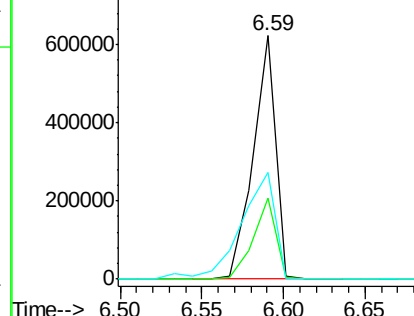
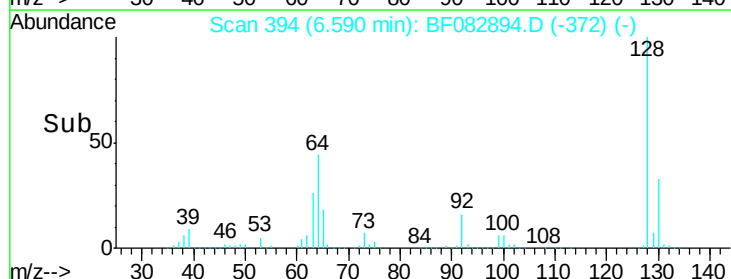
128 100

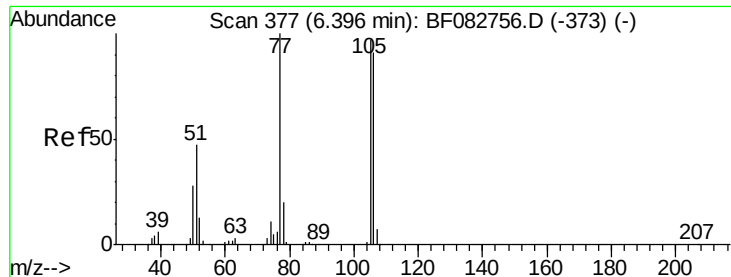
130 33.4 13.5 53.5

64 43.7 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: 3.41 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.06 min

Lab File: BF082894.D

Acq: 13 Nov 2015 13:39

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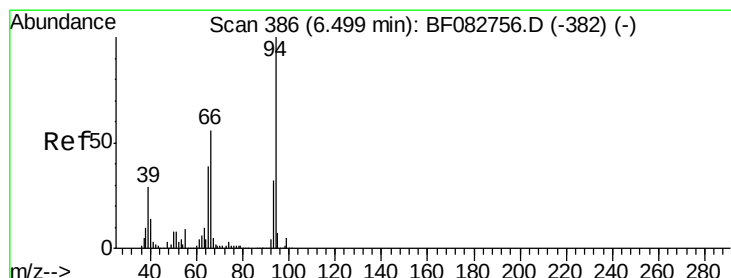
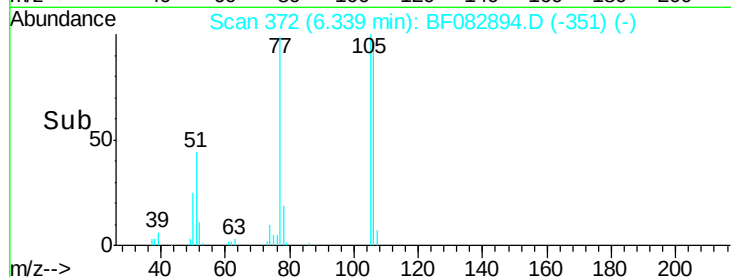
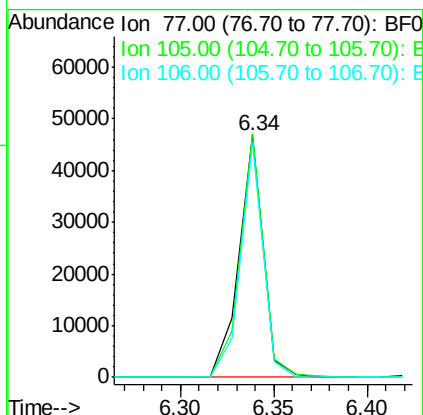
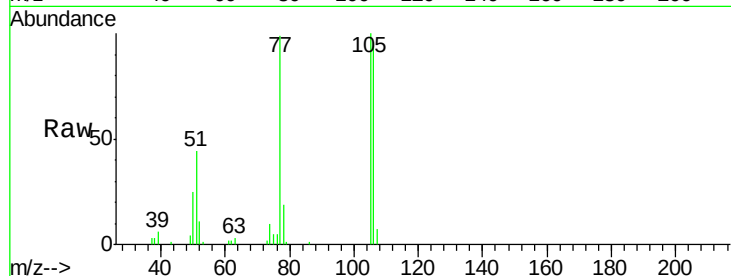
Tgt Ion: 77 Resp: 42779

Ion Ratio Lower Upper

77 100

105 100.5 63.5 103.5

106 96.9 59.3 99.3



#10

Phenol

Concen: 24.90 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.03 min

Lab File: BF082894.D

Acq: 13 Nov 2015 13:39

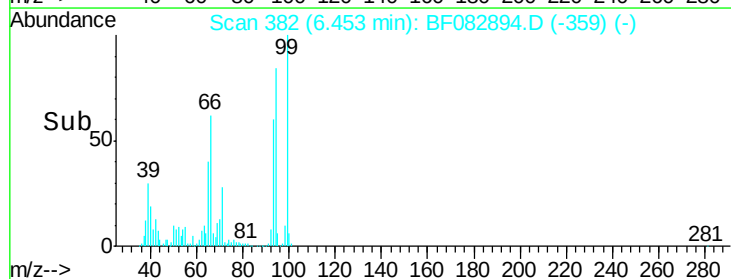
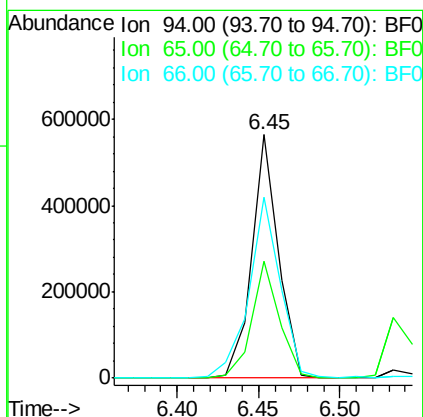
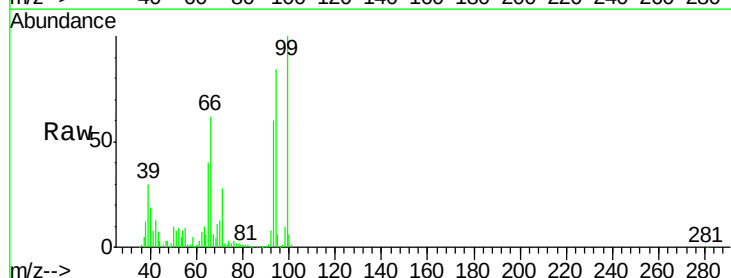
Tgt Ion: 94 Resp: 641824

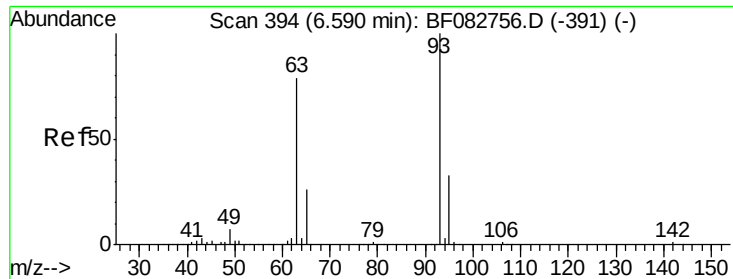
Ion Ratio Lower Upper

94 100

65 47.8 18.9 58.9

66 74.5 34.9 74.9

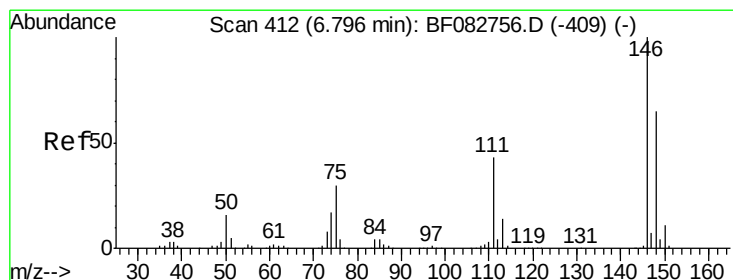
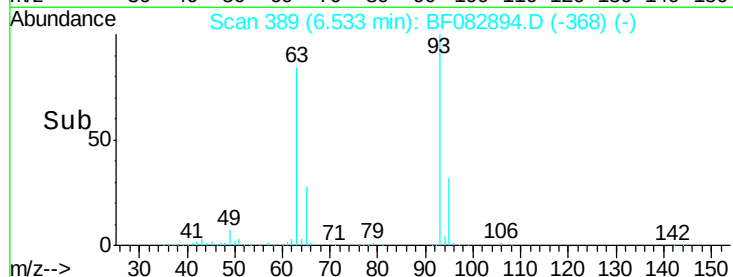
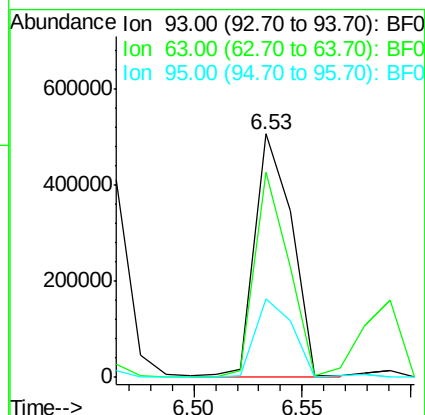
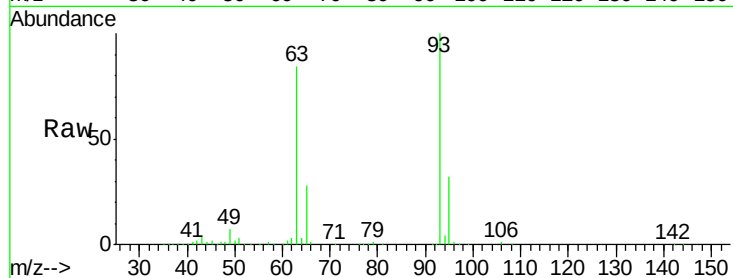




#11
bis(2-Chloroethyl)ether
Concen: 31.34 ng
RT: 6.53 min Scan# 389
Delta R.T. -0.06 min
Lab File: BF082894.D
Acq: 13 Nov 2015 13:39

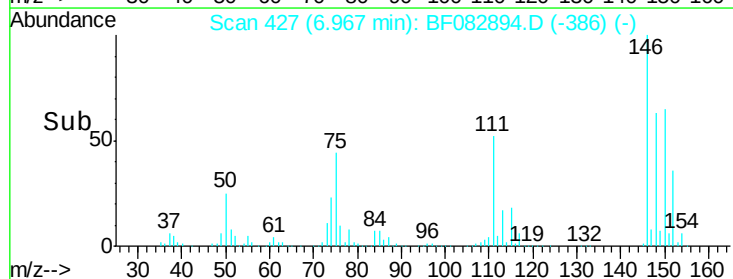
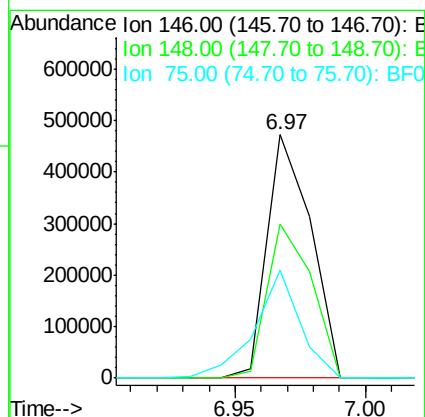
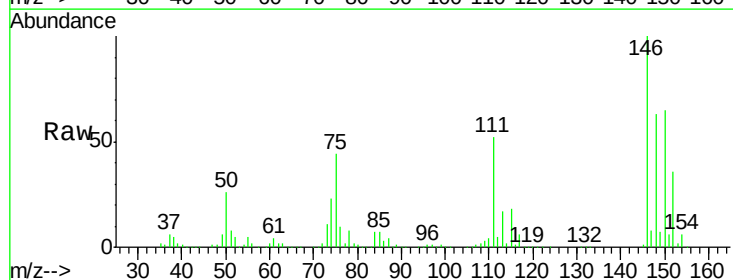
Instrument :
BNA_F
ClientSampleId :
PB86628BS

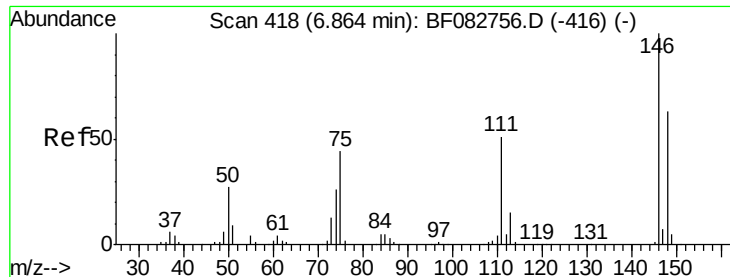
Tgt Ion: 93 Resp: 604106
Ion Ratio Lower Upper
93 100
63 84.4 72.7 112.7
95 32.4 12.0 52.0



#12
1,3-Dichlorobenzene
Concen: 25.88 ng
RT: 6.97 min Scan# 427
Delta R.T. 0.17 min
Lab File: BF082894.D
Acq: 13 Nov 2015 13:39

Tgt Ion: 146 Resp: 552952
Ion Ratio Lower Upper
146 100
148 63.0 50.5 75.7
75 44.1 39.5 59.3

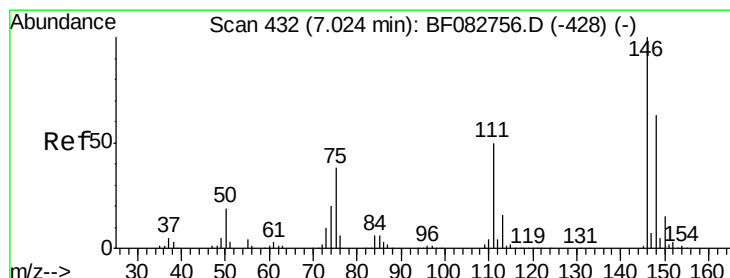
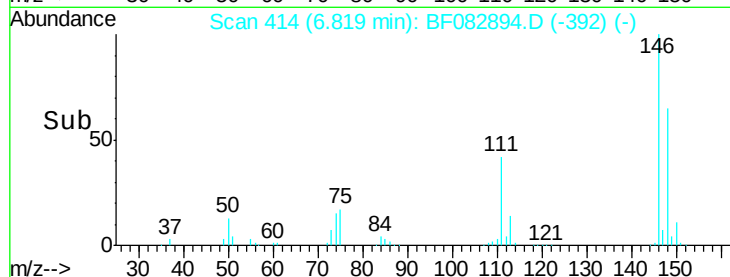
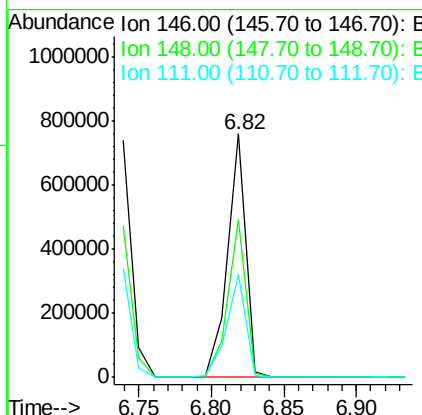
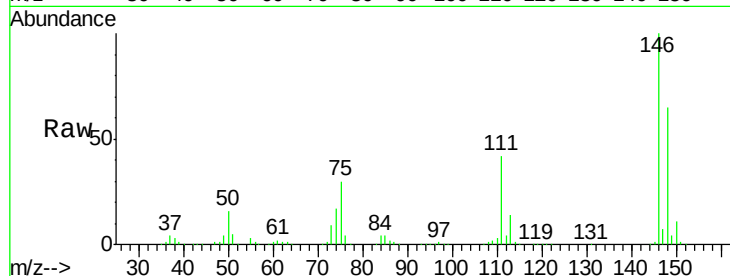




#13
 1,4-Dichlorobenzene
 Concen: 29.67 ng
 RT: 6.82 min Scan# 414
 Delta R.T. -0.05 min
 Lab File: BF082894.D
 Acq: 13 Nov 2015 13:39

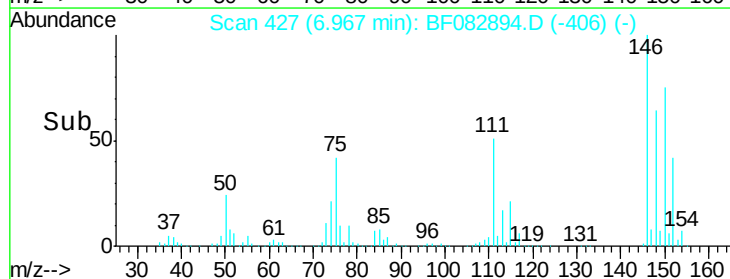
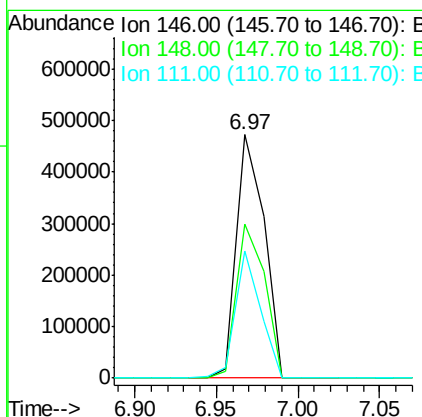
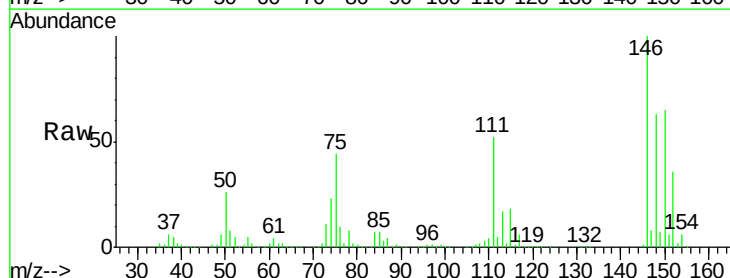
Instrument :
 BNA_F
 ClientSampleId :
 PB86628BS

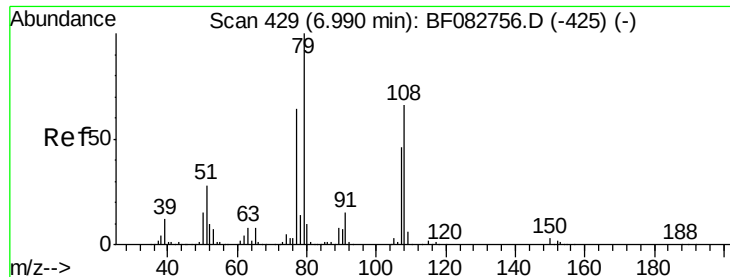
Tgt Ion:146 Resp: 659449
 Ion Ratio Lower Upper
 146 100
 148 64.6 50.8 76.2
 111 42.1 40.6 60.8



#14
 1,2-Dichlorobenzene
 Concen: 27.37 ng
 RT: 6.97 min Scan# 427
 Delta R.T. -0.06 min
 Lab File: BF082894.D
 Acq: 13 Nov 2015 13:39

Tgt Ion:146 Resp: 553129
 Ion Ratio Lower Upper
 146 100
 148 63.0 52.2 78.4
 111 52.1 36.6 55.0





#15

Benzyl Alcohol

Concen: 26.19 ng

RT: 6.94 min Scan# 425

Delta R.T. -0.05 min

Lab File: BF082894.D

Acq: 13 Nov 2015 13:39

Instrument :

BNA_F

ClientSampleId :

PB86628BS

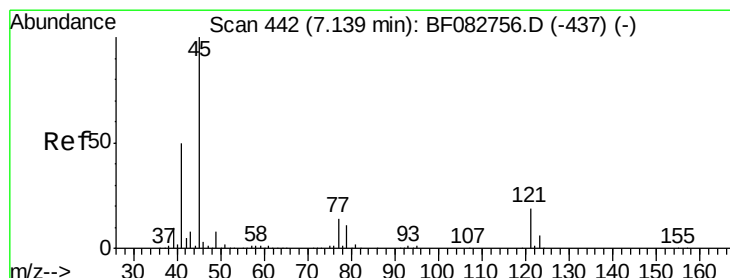
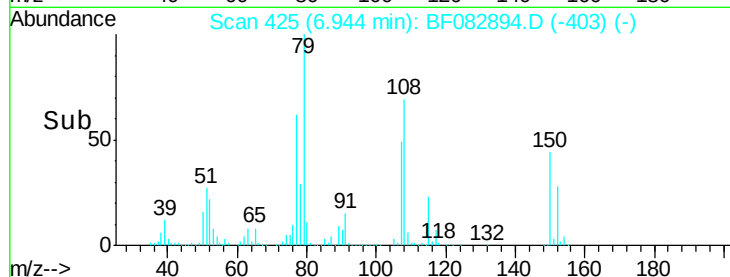
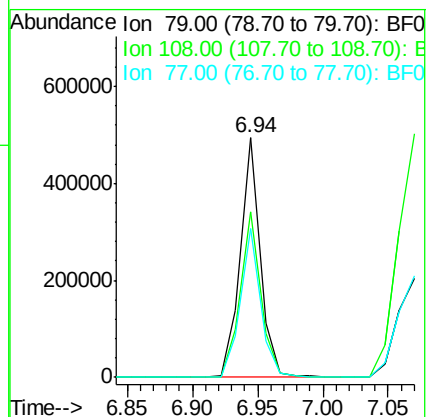
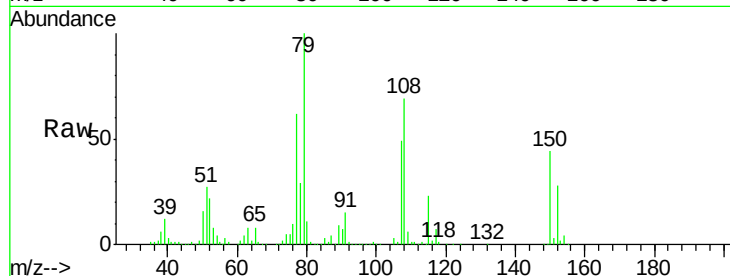
Tgt Ion: 79 Resp: 522444

Ion Ratio Lower Upper

79 100

108 69.1 52.2 78.4

77 62.2 52.7 79.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.12 ng

RT: 7.08 min Scan# 437

Delta R.T. -0.06 min

Lab File: BF082894.D

Acq: 13 Nov 2015 13:39

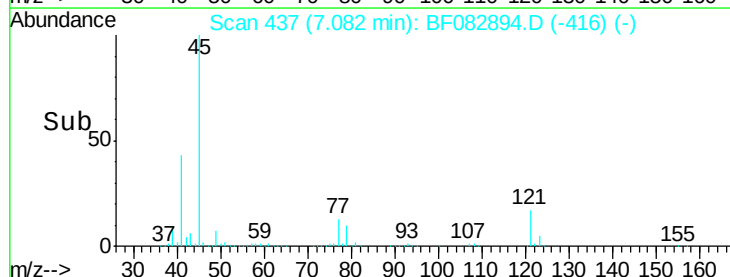
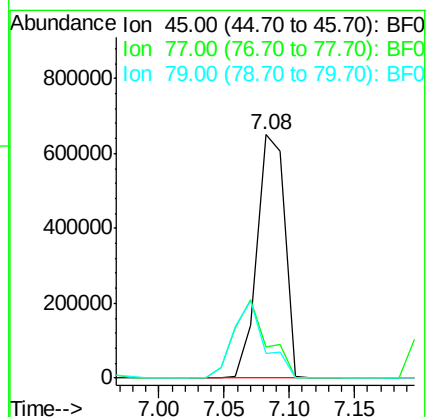
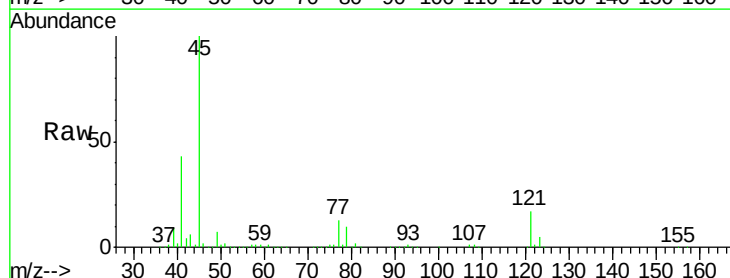
Tgt Ion: 45 Resp: 964488

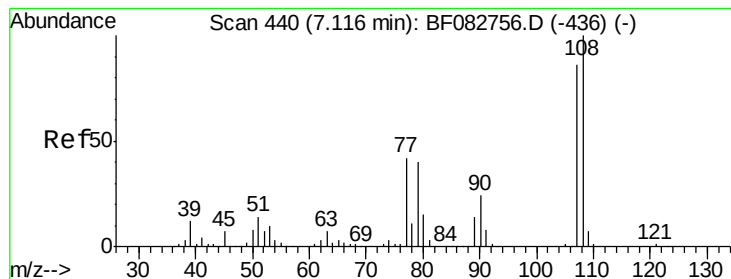
Ion Ratio Lower Upper

45 100

77 12.9 0.0 32.6

79 10.2 0.0 29.2





#17

2-Methylphenol

Concen: 33.01 ng

RT: 7.07 min Scan# 436

Delta R.T. -0.03 min

Lab File: BF082894.D

Acq: 13 Nov 2015 13:39

Instrument :

BNA_F

ClientSampleId :

PB86628BS

Tgt Ion:107 Resp: 529639

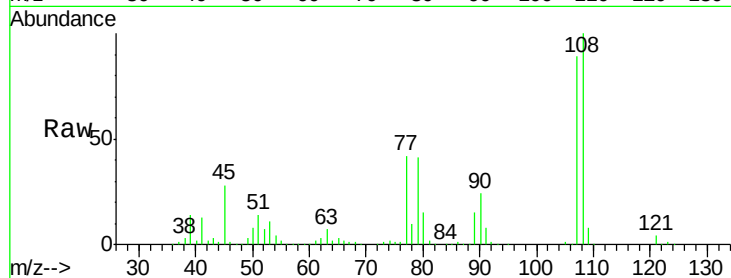
Ion Ratio Lower Upper

107 100

108 112.0 93.0 139.4

77 46.8 44.1 66.1

79 45.7 43.6 65.4

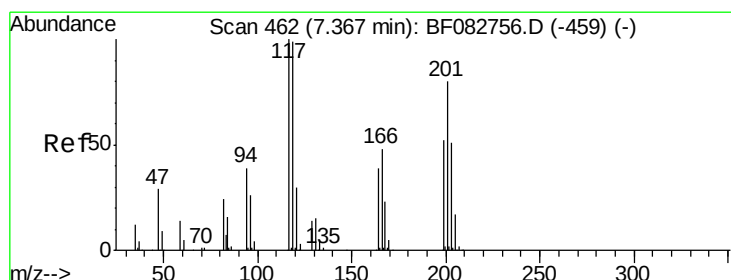
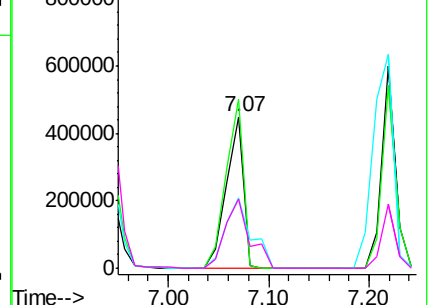
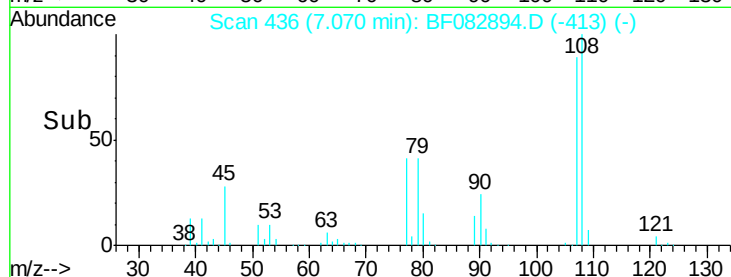


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 28.52 ng

RT: 7.32 min Scan# 458

Delta R.T. -0.05 min

Lab File: BF082894.D

Acq: 13 Nov 2015 13:39

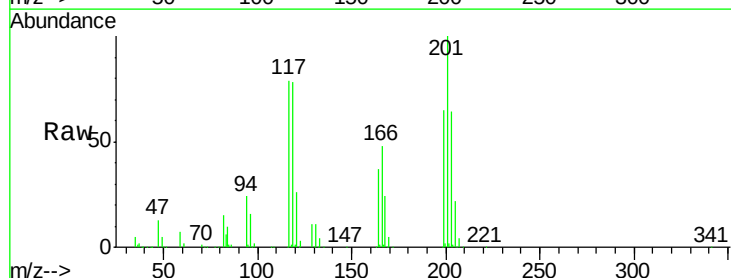
Tgt Ion:117 Resp: 226752

Ion Ratio Lower Upper

117 100

119 98.1 77.7 116.5

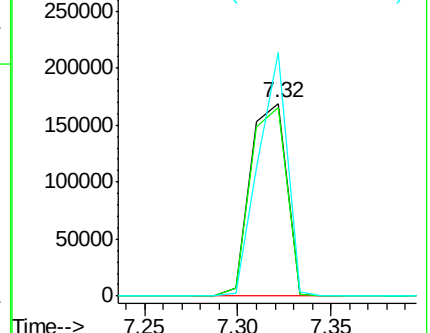
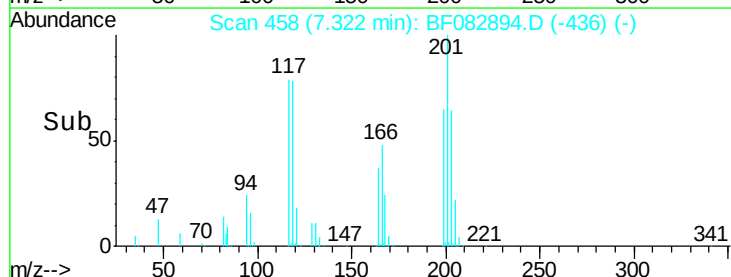
201 126.3 66.7 100.1#

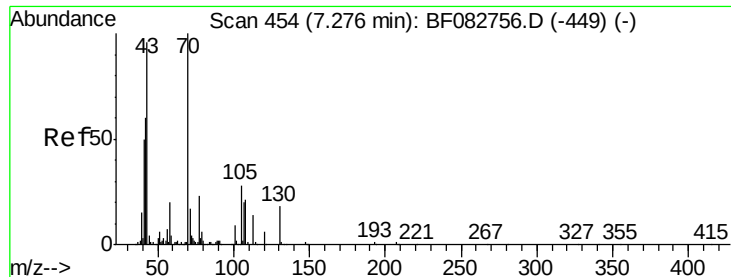


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

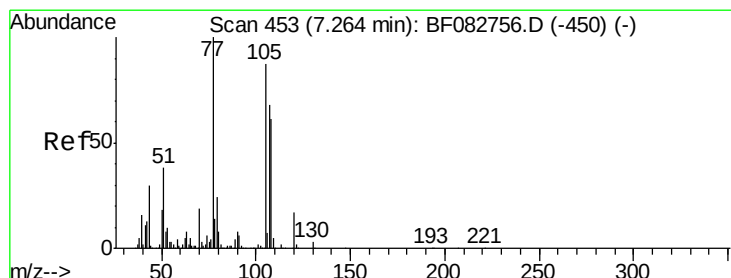
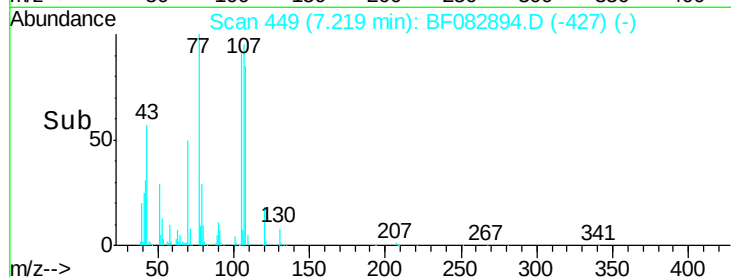
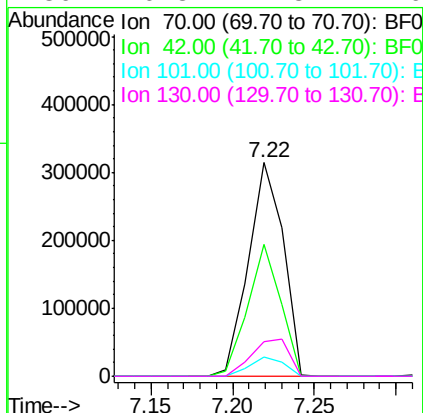
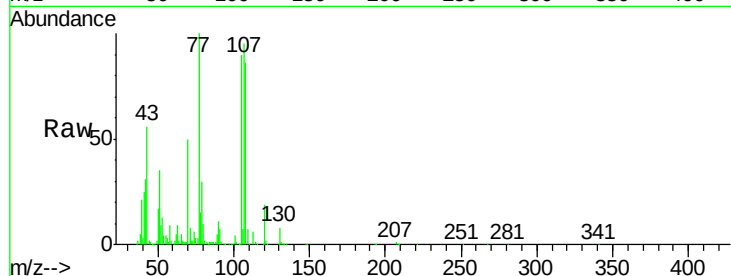




#19
 n-Nitroso-di-n-propylamine
 Concen: 27.93 ng
 RT: 7.22 min Scan# 449
 Delta R.T. -0.05 min
 Lab File: BF082894.D
 Acq: 13 Nov 2015 13:39

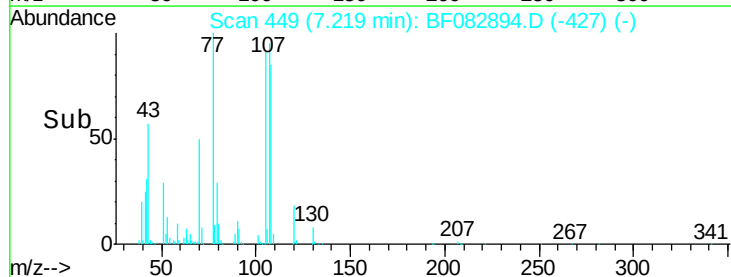
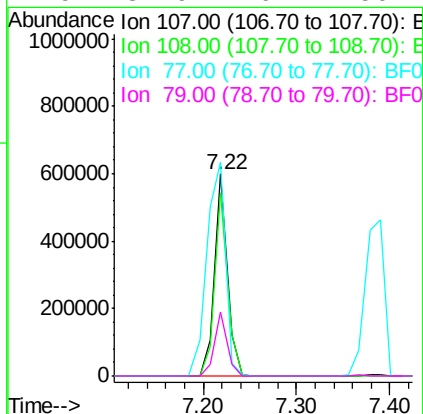
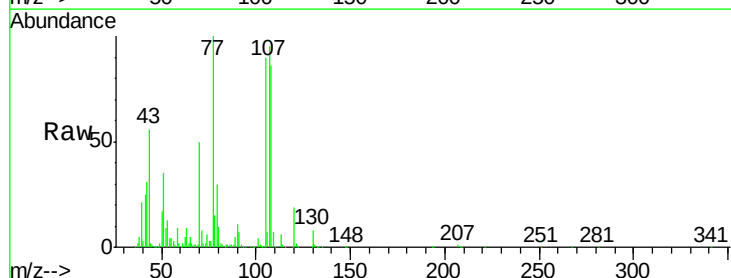
Instrument :
 BNA_F
 ClientSampleId :
 PB86628BS

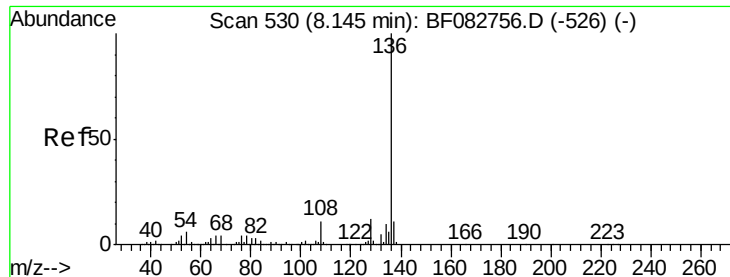
Tgt Ion:	70	Resp:	466335
Ion	Ratio	Lower	Upper
70	100		
42	61.5	57.7	86.5
101	8.9	7.0	10.6
130	16.3	11.8	17.6



#20
 3+4-Methylphenols
 Concen: 27.64 ng
 RT: 7.22 min Scan# 449
 Delta R.T. -0.05 min
 Lab File: BF082894.D
 Acq: 13 Nov 2015 13:39

Tgt Ion:	107	Resp:	576487
Ion	Ratio	Lower	Upper
107	100		
108	90.6	67.3	107.3
77	105.8	100.3	140.3
79	31.9	16.2	56.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 525

Delta R.T. -0.06 min

Lab File: BF082894.D

Acq: 13 Nov 2015 13:39

Instrument :

BNA_F

ClientSampleId :

PB86628BS

Tgt Ion:136 Resp: 1072448

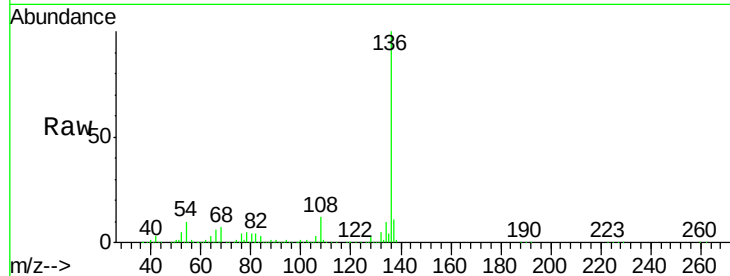
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 10.0 9.1 13.7

68 7.2 4.8 7.2#

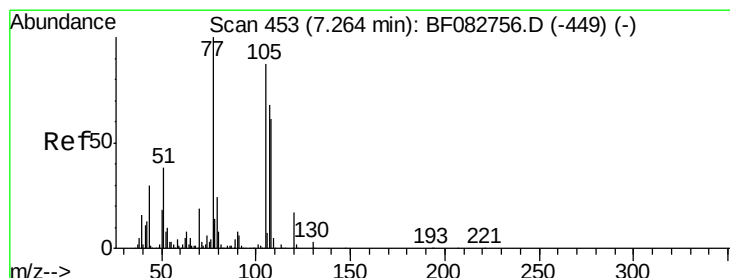
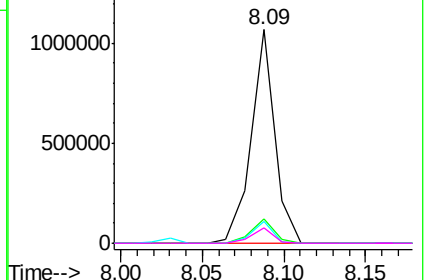
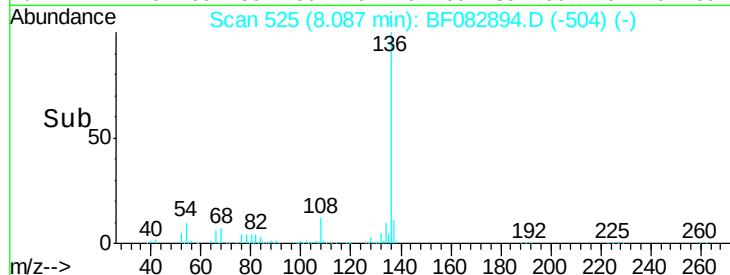


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 27.74 ng

RT: 7.22 min Scan# 449

Delta R.T. -0.05 min

Lab File: BF082894.D

Acq: 13 Nov 2015 13:39

Tgt Ion:105 Resp: 852534

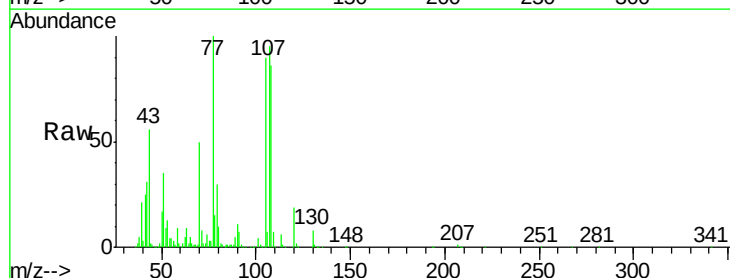
Ion Ratio Lower Upper

105 100

71 9.1 5.6 8.4#

51 38.5 24.9 37.3#

120 20.5 15.8 23.8

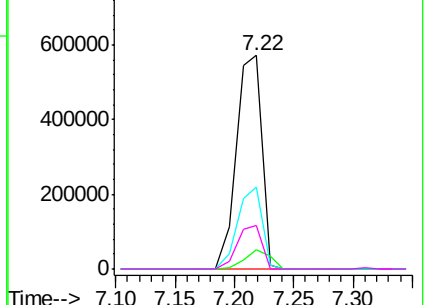
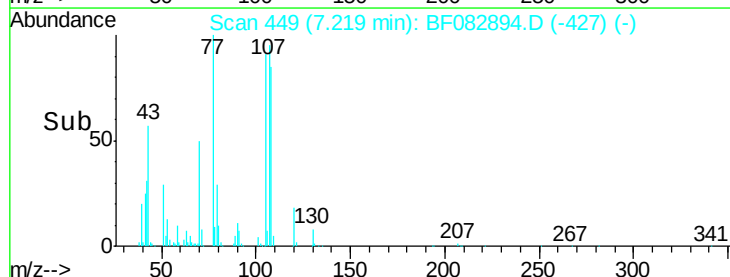


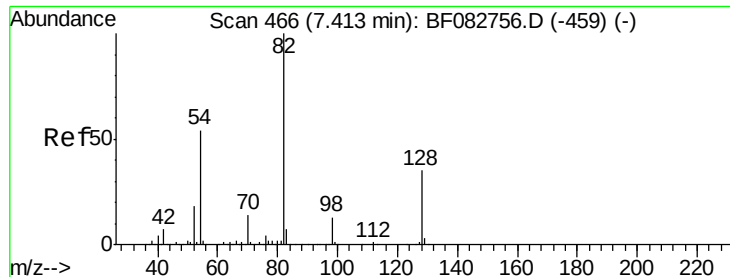
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 56.31 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.04 min

Lab File: BF082894.D

Acq: 13 Nov 2015 13:39

Instrument :

BNA_F

ClientSampleId :

PB86628BS

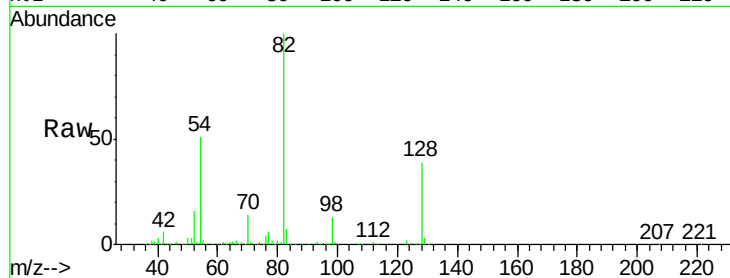
Tgt Ion: 82 Resp: 1387828

Ion Ratio Lower Upper

82 100

128 39.4 26.8 40.2

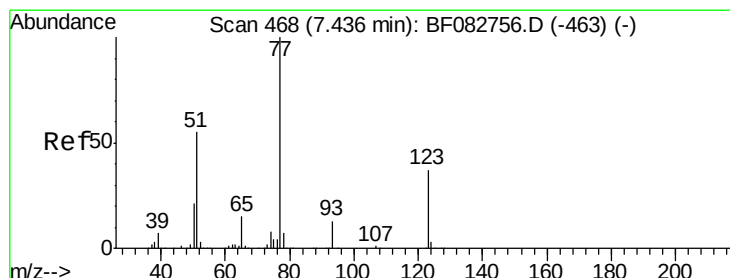
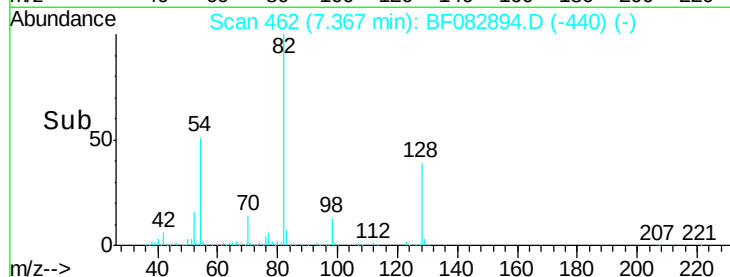
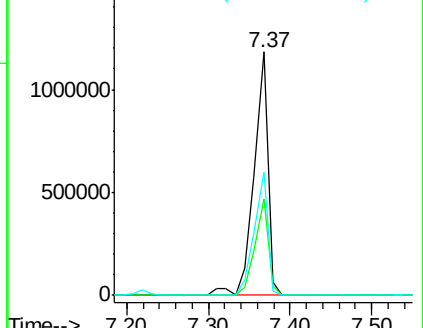
54 50.9 45.7 68.5



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: 26.61 ng

RT: 7.39 min Scan# 464

Delta R.T. -0.05 min

Lab File: BF082894.D

Acq: 13 Nov 2015 13:39

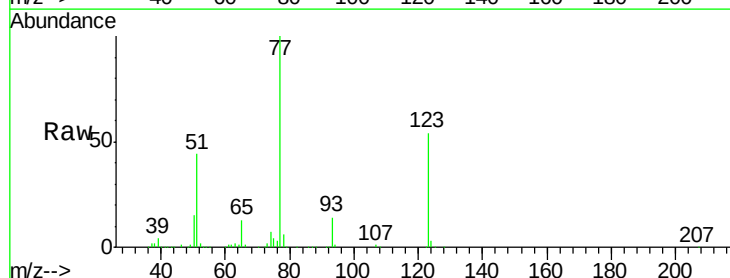
Tgt Ion: 77 Resp: 670727

Ion Ratio Lower Upper

77 100

123 53.9 36.4 54.6

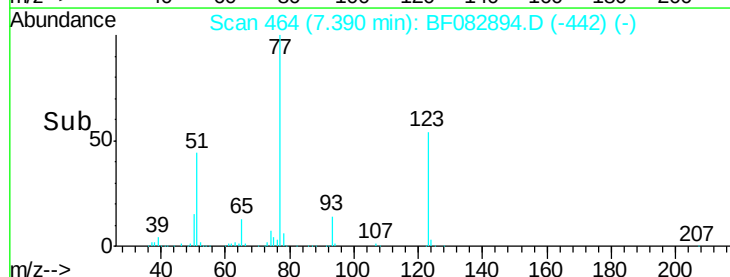
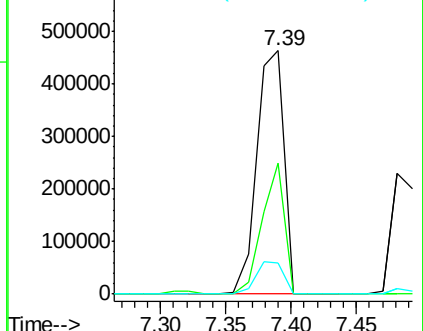
65 12.6 11.5 17.3

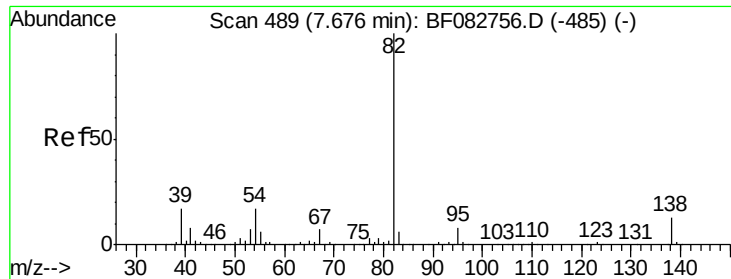


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 28.05 ng

RT: 7.63 min Scan# 485

Delta R.T. -0.05 min

Lab File: BF082894.D

Acq: 13 Nov 2015 13:39

Instrument :

BNA_F

ClientSampleId :

PB86628BS

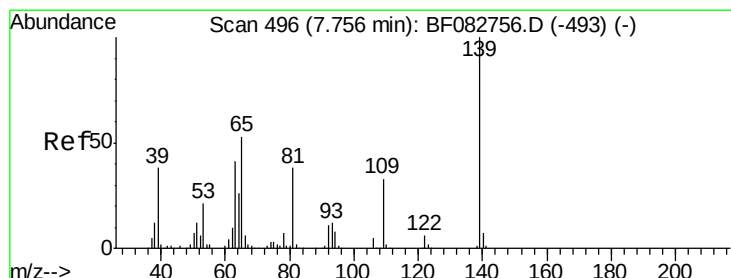
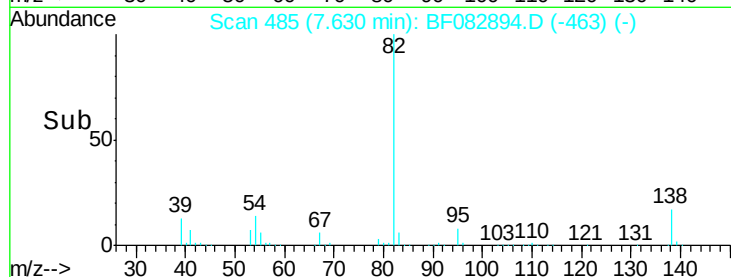
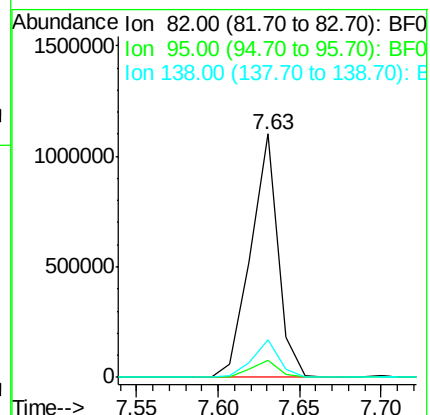
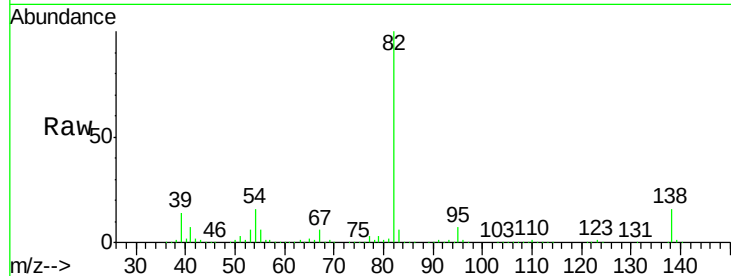
Tgt Ion: 82 Resp: 1279208

Ion Ratio Lower Upper

82 100

95 7.1 6.6 9.8

138 15.6 11.4 17.0



#26

2-Nitrophenol

Concen: 27.13 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.06 min

Lab File: BF082894.D

Acq: 13 Nov 2015 13:39

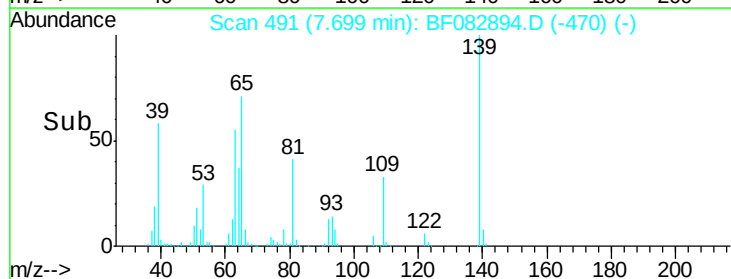
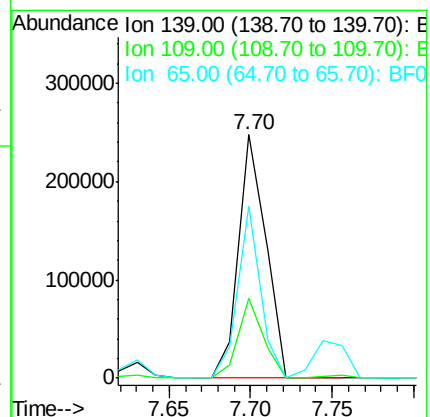
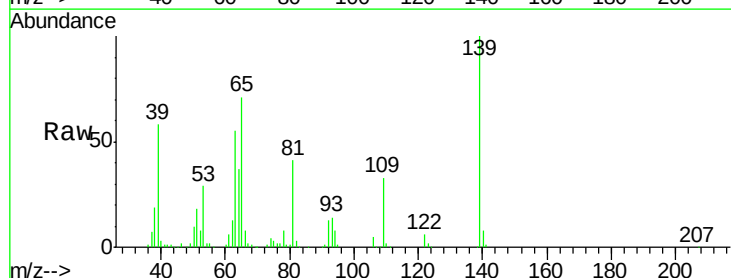
Tgt Ion: 139 Resp: 285417

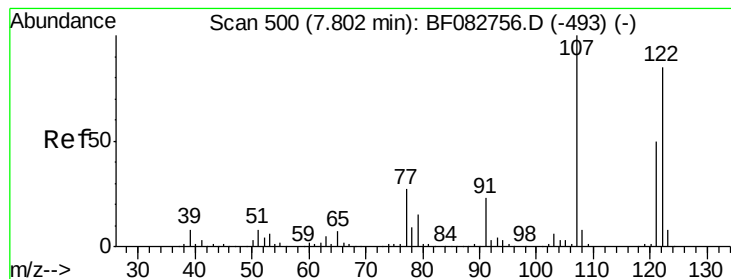
Ion Ratio Lower Upper

139 100

109 32.9 37.6 56.4#

65 70.6 70.6 105.8





#27

2,4-Dimethylphenol

Concen: 30.68 ng

RT: 7.76 min Scan# 496

Delta R.T. -0.03 min

Lab File: BF082894.D

Acq: 13 Nov 2015 13:39

Instrument :

BNA_F

ClientSampleId :

PB86628BS

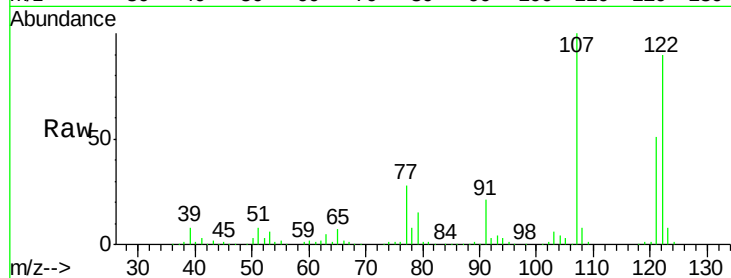
Tgt Ion:122 Resp: 579880

Ion Ratio Lower Upper

122 100

107 110.7 106.0 159.0

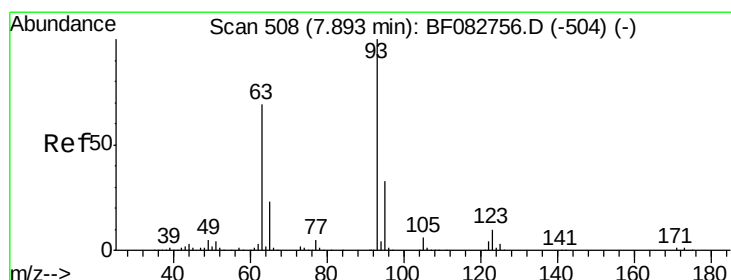
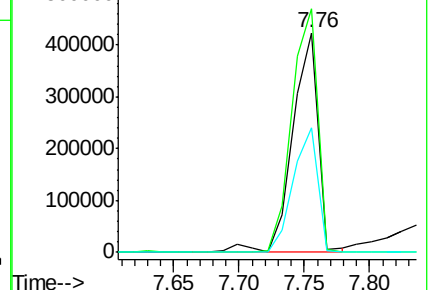
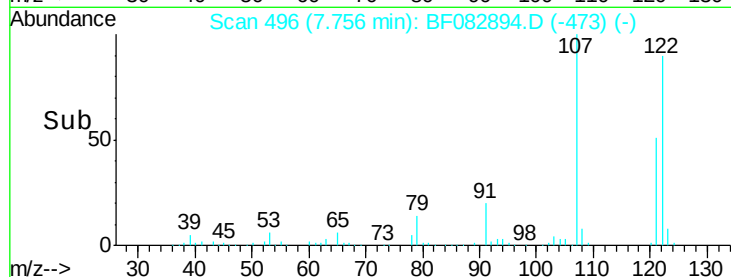
121 56.7 46.7 70.1



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: 31.46 ng

RT: 7.85 min Scan# 504

Delta R.T. -0.05 min

Lab File: BF082894.D

Acq: 13 Nov 2015 13:39

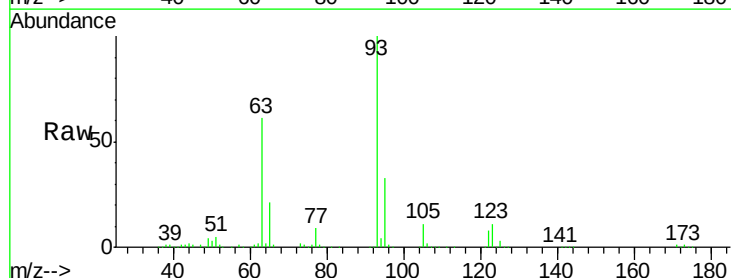
Tgt Ion: 93 Resp: 809260

Ion Ratio Lower Upper

93 100

95 33.5 26.6 40.0

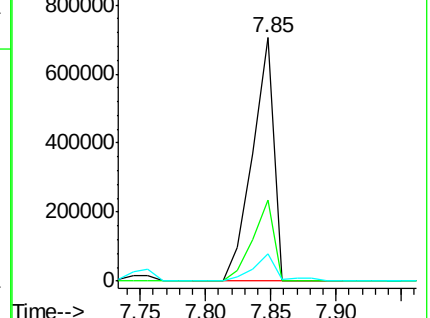
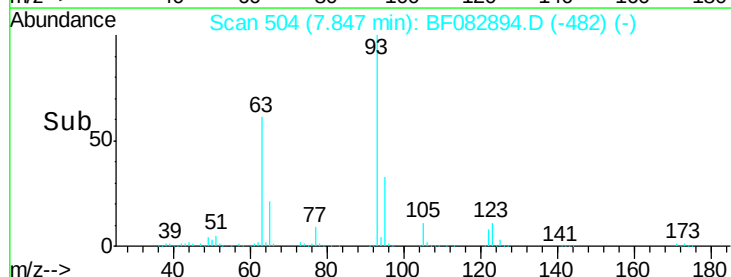
123 11.2 9.7 14.5

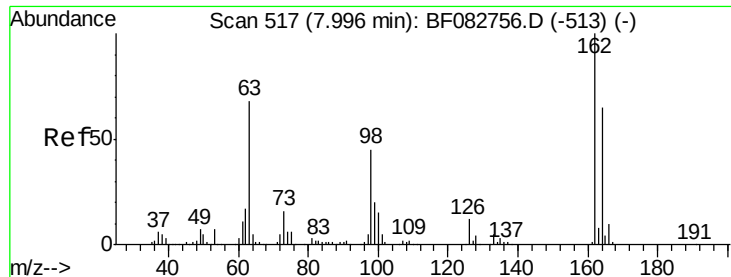


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

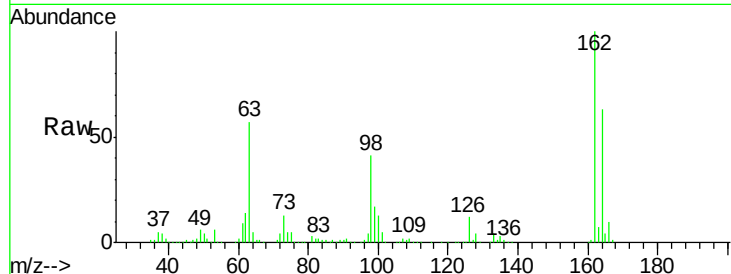




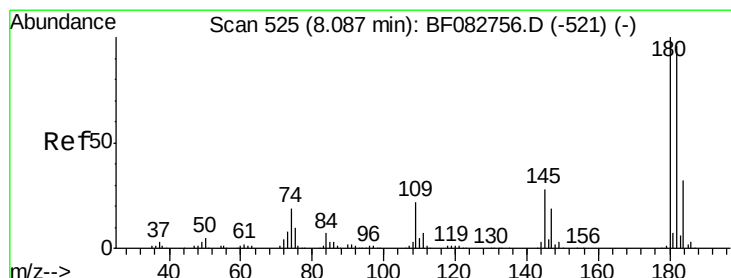
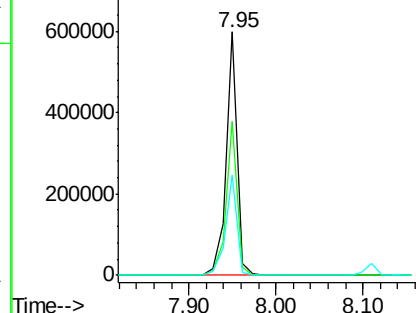
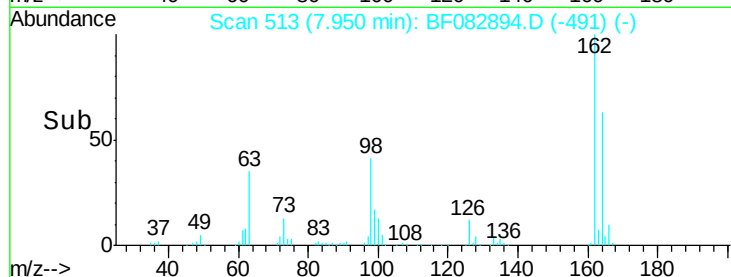
#29
 2,4-Dichlorophenol
 Concen: 31.30 ng
 RT: 7.95 min Scan# 513
 Delta R.T. -0.05 min
 Lab File: BF082894.D
 Acq: 13 Nov 2015 13:39

Instrument :
 BNA_F
 ClientSampleId :
 PB86628BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.0	46.8	86.8
98	40.9	12.5	52.5

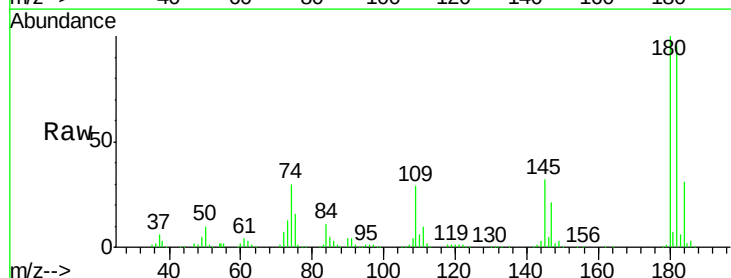


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

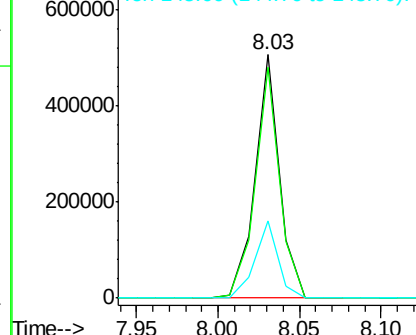
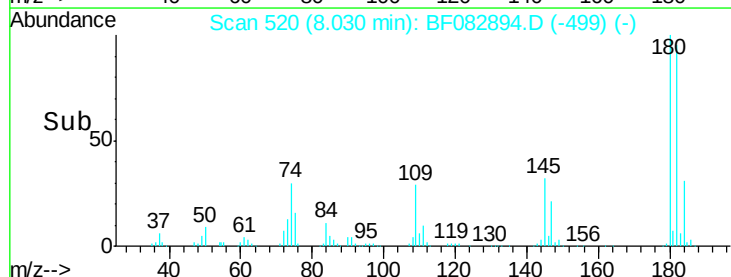


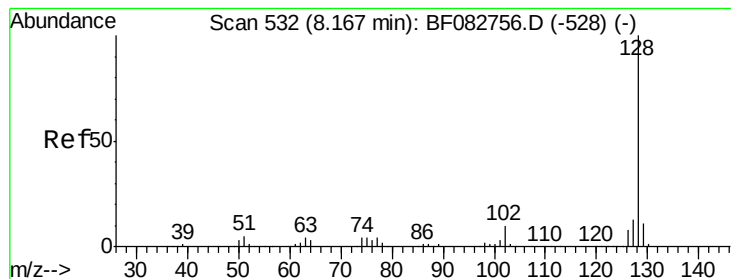
#30
 1,2,4-Trichlorobenzene
 Concen: 27.17 ng
 RT: 8.03 min Scan# 520
 Delta R.T. -0.06 min
 Lab File: BF082894.D
 Acq: 13 Nov 2015 13:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	74.9	112.3
145	31.8	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: 27.42 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.05 min

Lab File: BF082894.D

Acq: 13 Nov 2015 13:39

Instrument :

BNA_F

ClientSampleId :

PB86628BS

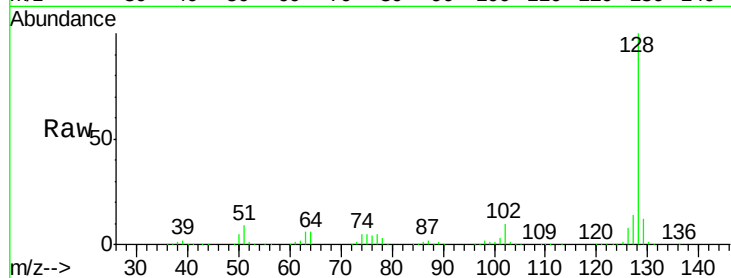
Tgt Ion:128 Resp: 1622486

Ion Ratio Lower Upper

128 100

129 12.0 9.5 14.3

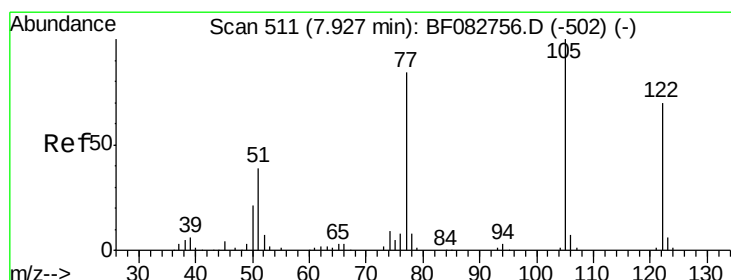
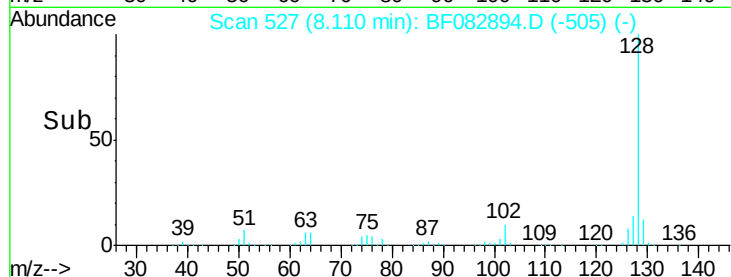
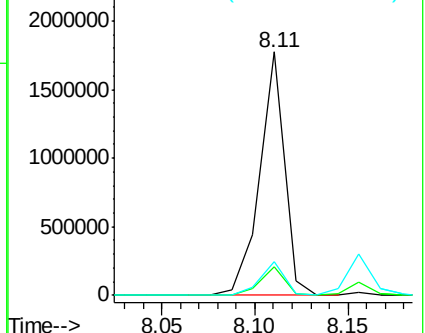
127 14.1 11.4 17.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 26.99 ng

RT: 7.88 min Scan# 507

Delta R.T. -0.02 min

Lab File: BF082894.D

Acq: 13 Nov 2015 13:39

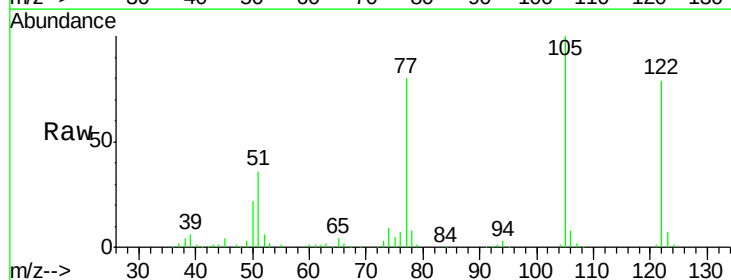
Tgt Ion:122 Resp: 349297

Ion Ratio Lower Upper

122 100

105 125.9 122.6 162.6

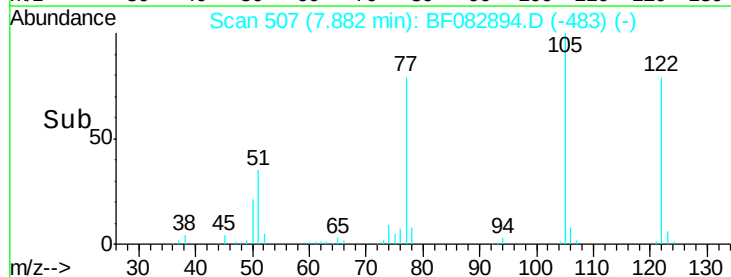
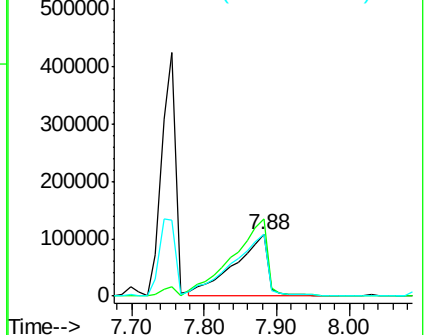
77 101.3 100.9 140.9

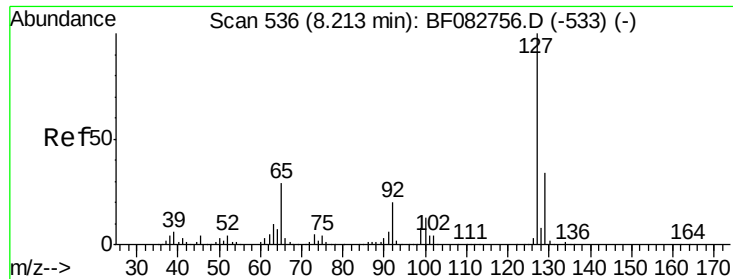


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

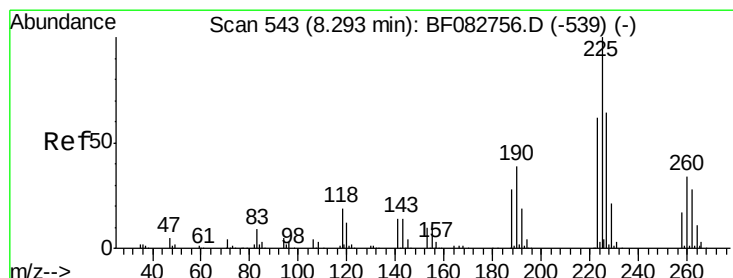
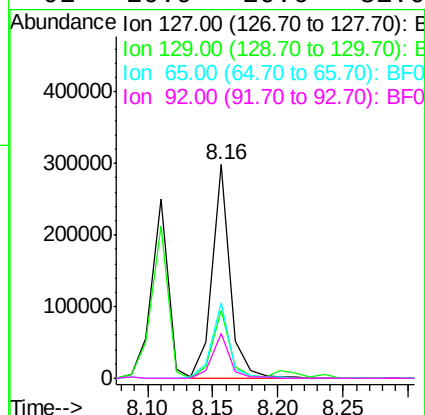
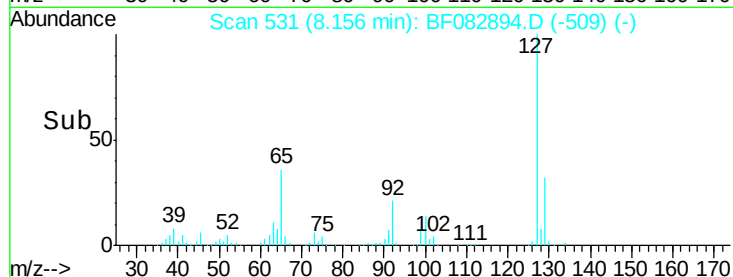
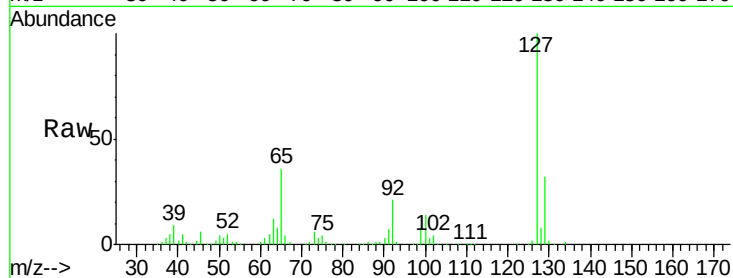




#33
4-Chloroaniline
Concen: 11.27 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.05 min
Lab File: BF082894.D
Acq: 13 Nov 2015 13:39

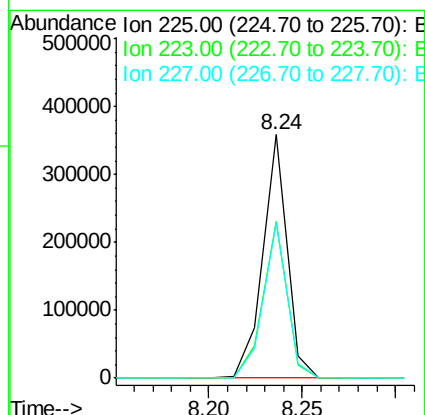
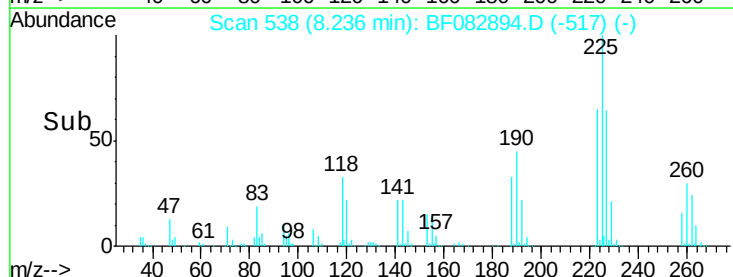
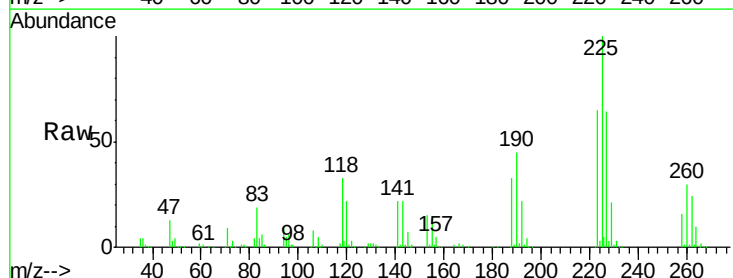
Instrument :
BNA_F
ClientSampleId :
PB86628BS

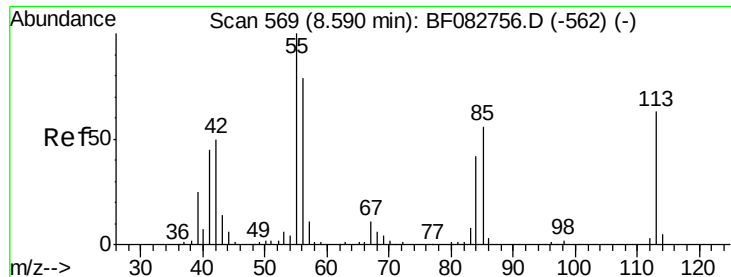
Tgt Ion:	127	Resp:	287357
Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.3	39.5
65	35.6	37.8	56.8#
92	20.9	20.6	31.0



#34
Hexachlorobutadiene
Concen: 26.63 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.06 min
Lab File: BF082894.D
Acq: 13 Nov 2015 13:39

Tgt Ion:	225	Resp:	320209
Ion	Ratio	Lower	Upper
225	100		
223	64.5	50.5	75.7
227	64.0	50.2	75.2

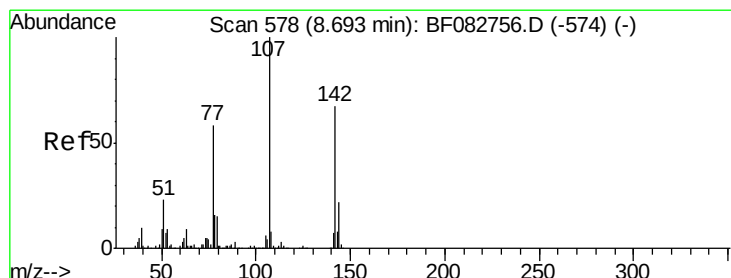
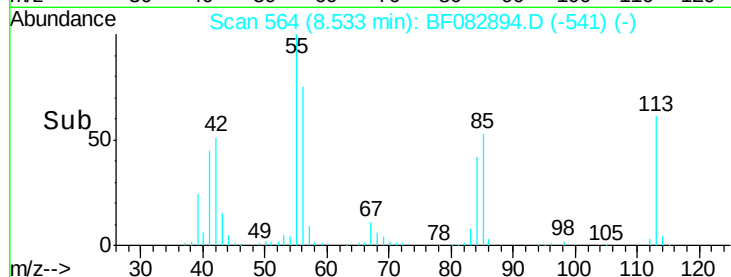
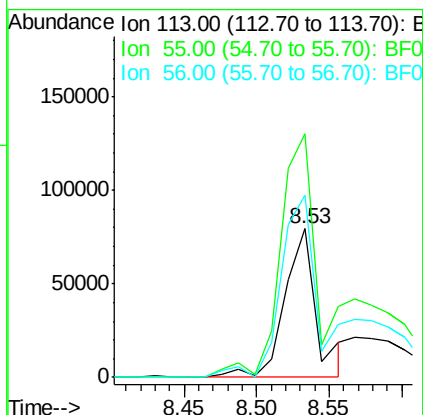
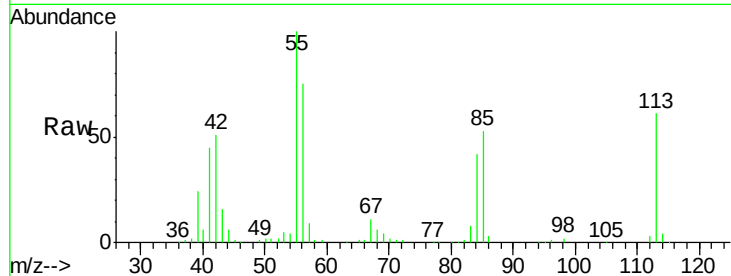




#35
 Caprolactam
 Concen: 22.29 ng
 RT: 8.53 min Scan# 564
 Delta R.T. -0.03 min
 Lab File: BF082894.D
 Acq: 13 Nov 2015 13:39

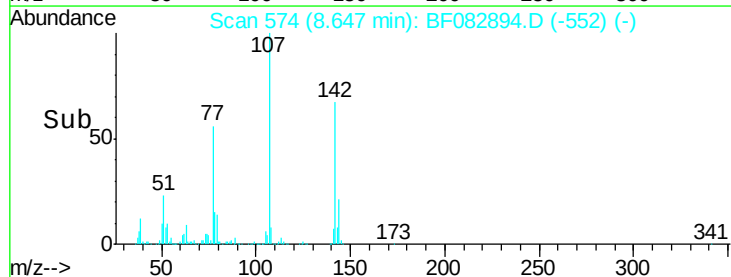
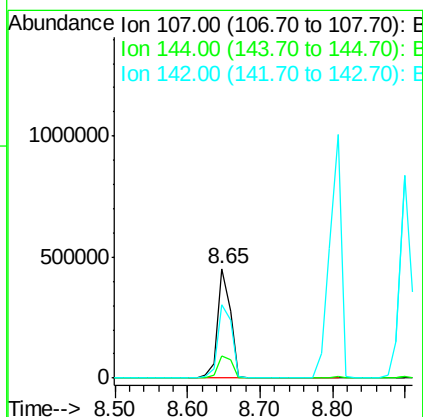
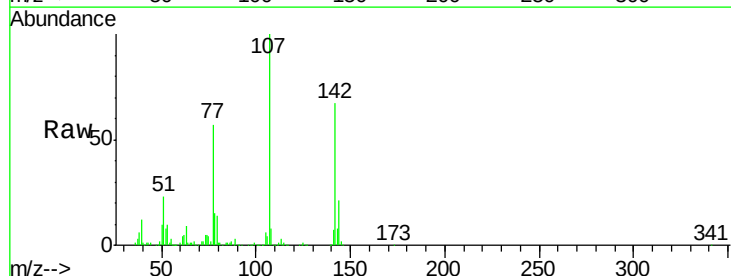
Instrument :
 BNA_F
 ClientSampleId :
 PB86628BS

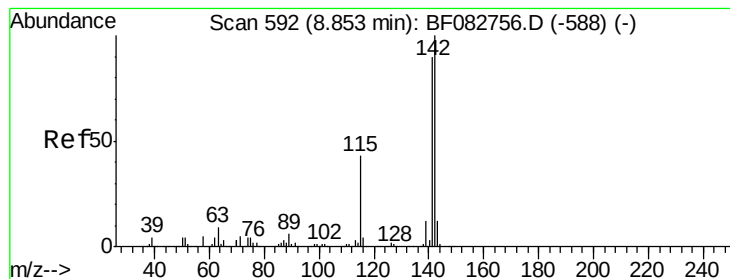
Tgt Ion:113 Resp: 120063
 Ion Ratio Lower Upper
 113 100
 55 163.9 195.5 235.5#
 56 122.8 153.5 193.5#



#36
 4-Chloro-3-methylphenol
 Concen: 27.77 ng
 RT: 8.65 min Scan# 574
 Delta R.T. -0.05 min
 Lab File: BF082894.D
 Acq: 13 Nov 2015 13:39

Tgt Ion:107 Resp: 557932
 Ion Ratio Lower Upper
 107 100
 144 20.8 15.4 23.0
 142 67.1 47.8 71.8





#37

2-Methylnaphthalene

Concen: 24.44 ng

RT: 8.90 min Scan# 596

Delta R.T. 0.05 min

Lab File: BF082894.D

Acq: 13 Nov 2015 13:39

Instrument :

BNA_F

ClientSampled :

PB86628BS

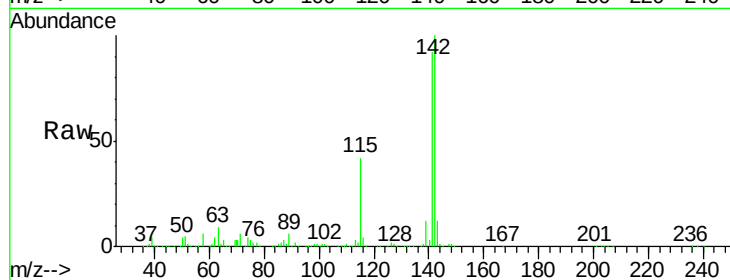
Tgt Ion:142 Resp: 935431

Ion Ratio Lower Upper

142 100

141 91.6 72.3 108.5

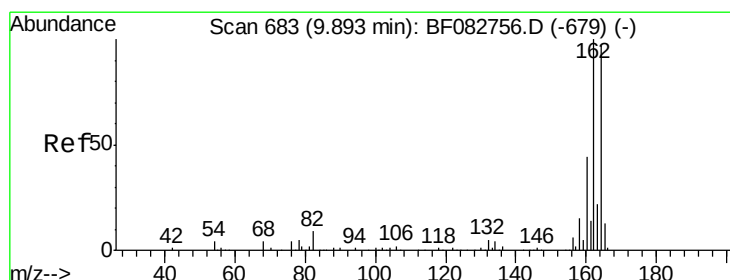
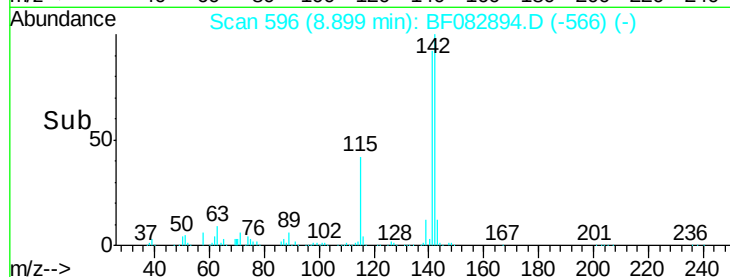
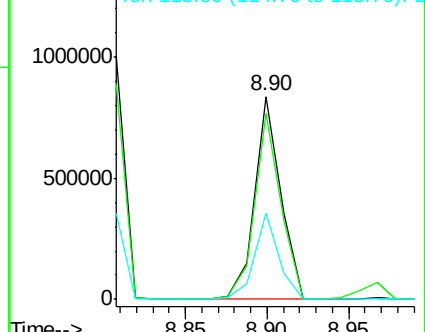
115 42.3 38.1 57.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.05 min

Lab File: BF082894.D

Acq: 13 Nov 2015 13:39

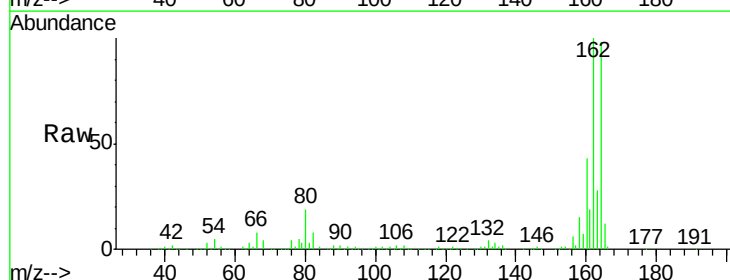
Tgt Ion:164 Resp: 589643

Ion Ratio Lower Upper

164 100

162 102.3 84.9 127.3

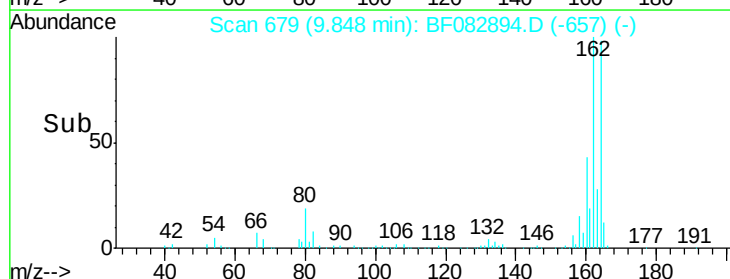
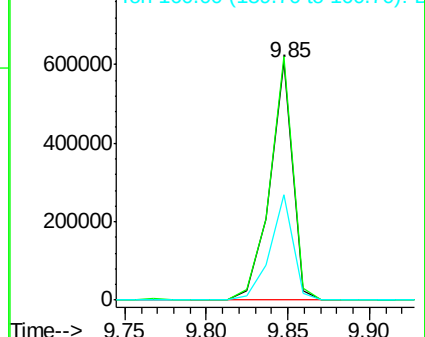
160 44.2 37.5 56.3

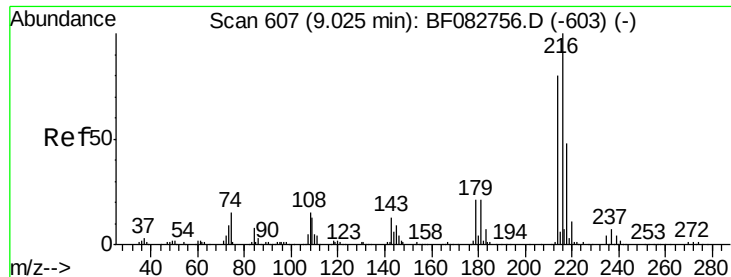


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 25.45 ng

RT: 8.98 min Scan# 603

Delta R.T. -0.05 min

Lab File: BF082894.D

Acq: 13 Nov 2015 13:39

Instrument :

BNA_F

ClientSampleId :

PB86628BS

Tgt Ion:216 Resp: 493086

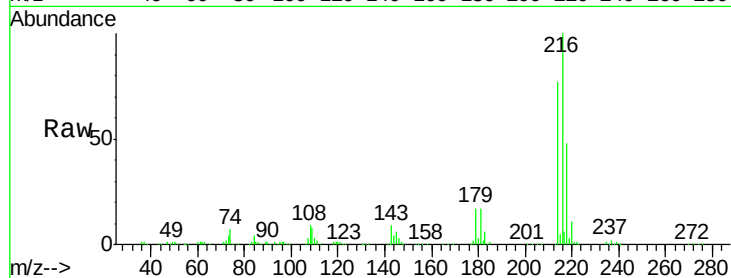
Ion Ratio Lower Upper

216 100

214 78.7 62.2 93.2

179 20.6 18.1 27.1

108 20.3 16.6 25.0

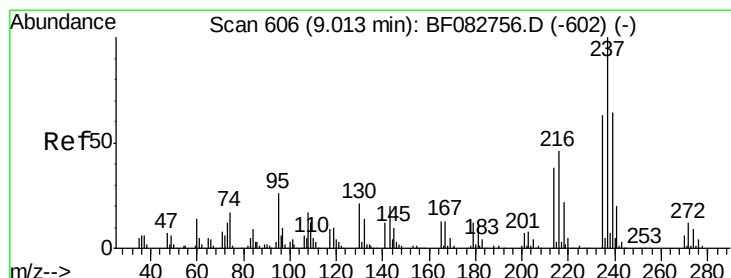
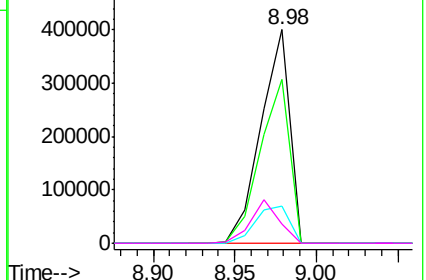
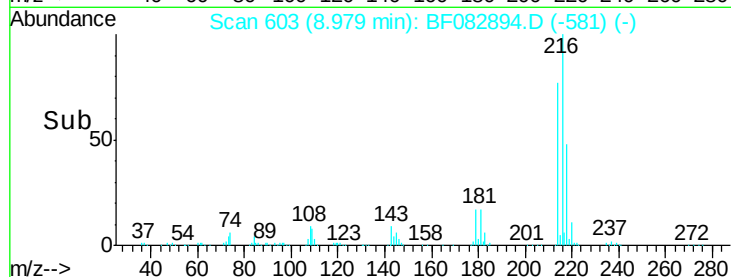


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 60.81 ng

RT: 8.97 min Scan# 602

Delta R.T. -0.05 min

Lab File: BF082894.D

Acq: 13 Nov 2015 13:39

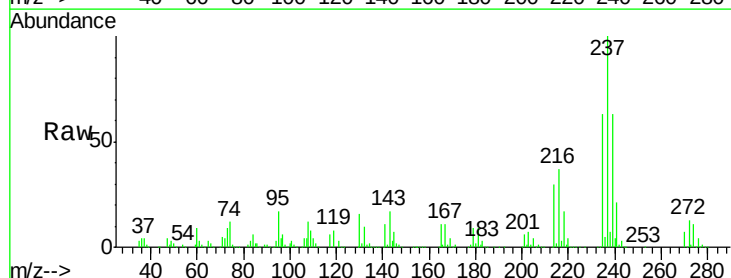
Tgt Ion:237 Resp: 633053

Ion Ratio Lower Upper

237 100

235 62.8 44.3 84.3

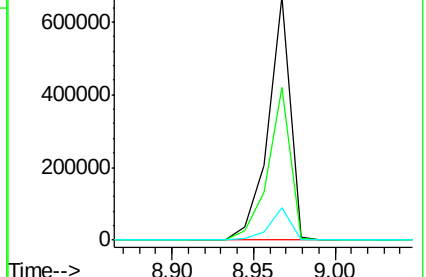
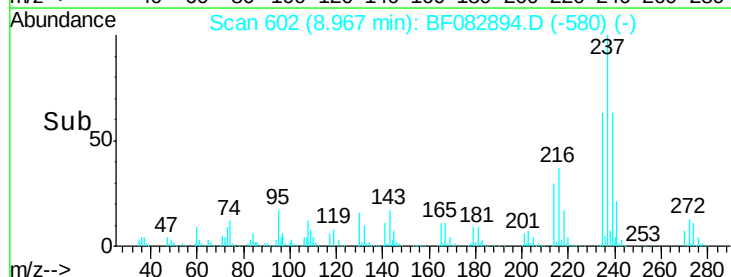
272 13.1 0.0 31.9

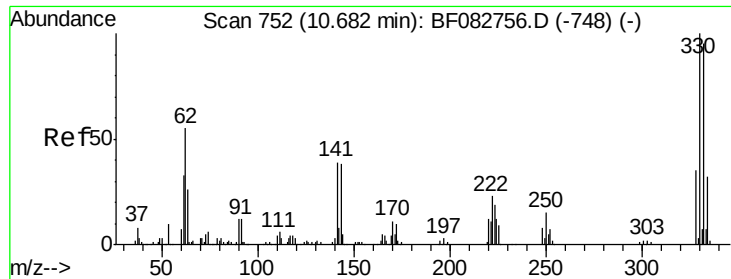


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

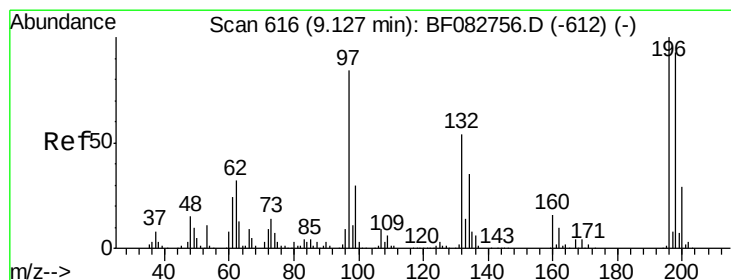
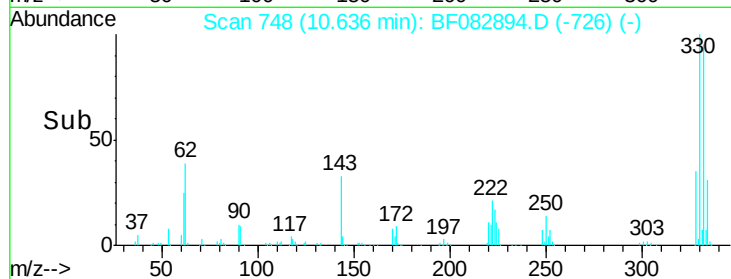
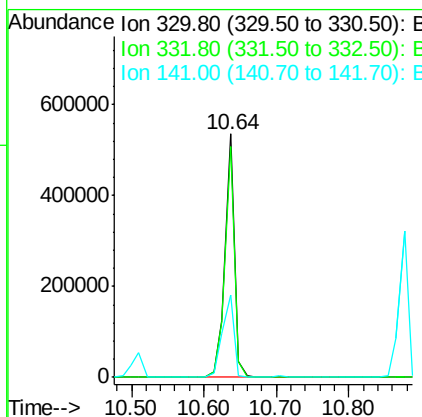
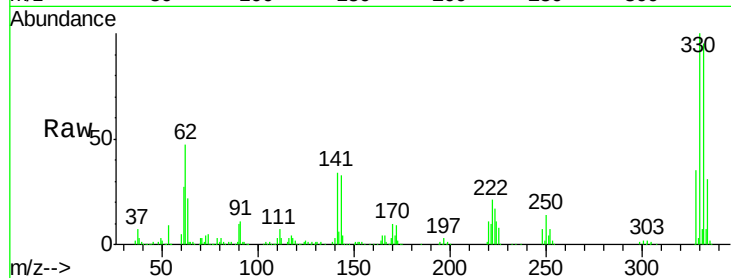




#41
 2,4,6-Tribromophenol
 Concen: 72.84 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.04 min
 Lab File: BF082894.D
 Acq: 13 Nov 2015 13:39

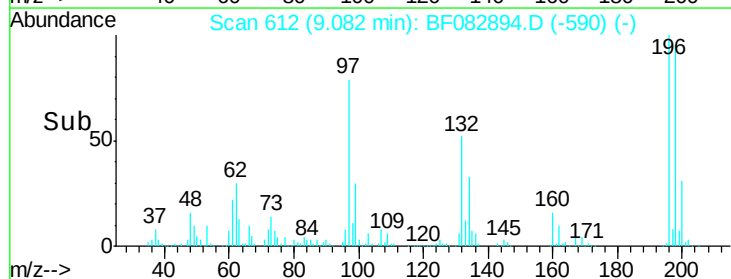
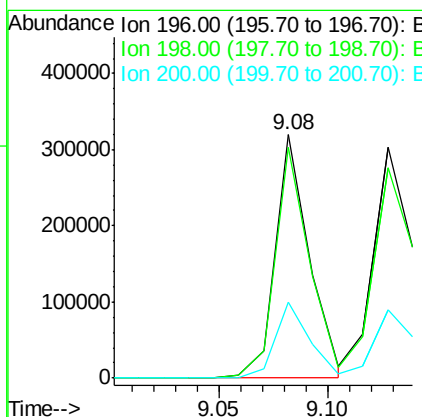
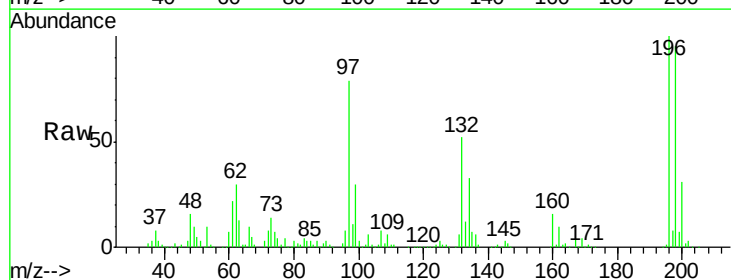
Instrument :
 BNA_F
 ClientSampleId :
 PB86628BS

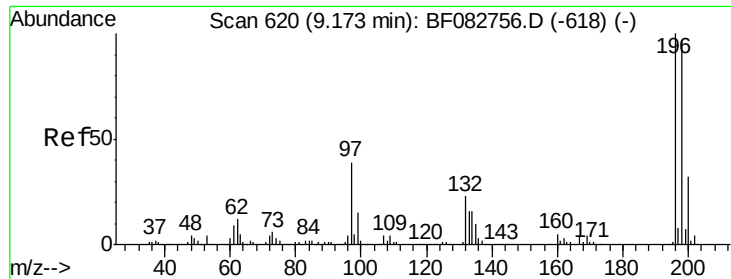
Tgt Ion:330 Resp: 492428
 Ion Ratio Lower Upper
 330 100
 332 95.3 76.6 114.8
 141 40.8 41.2 61.8#



#42
 2,4,6-Trichlorophenol
 Concen: 24.26 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.05 min
 Lab File: BF082894.D
 Acq: 13 Nov 2015 13:39

Tgt Ion:196 Resp: 350867
 Ion Ratio Lower Upper
 196 100
 198 94.8 76.3 114.5
 200 31.0 23.9 35.9

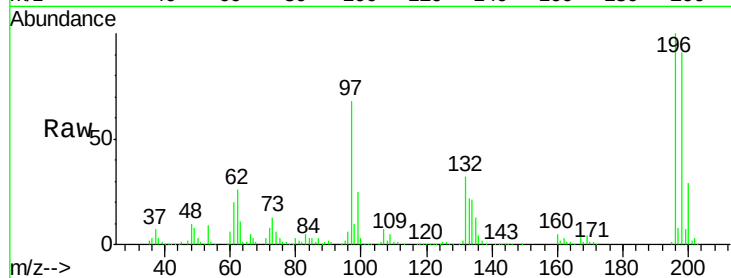




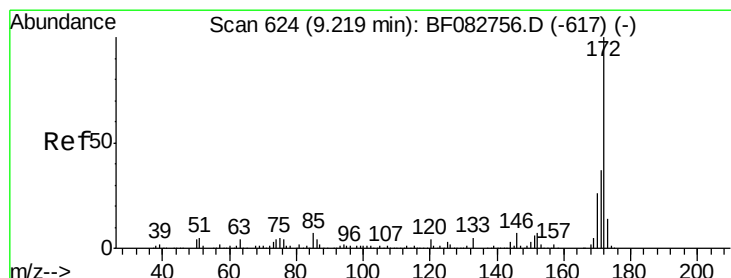
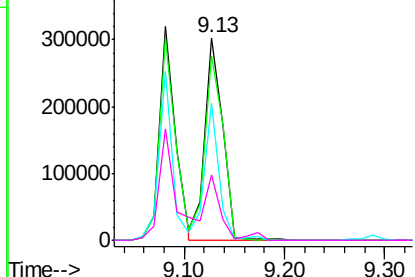
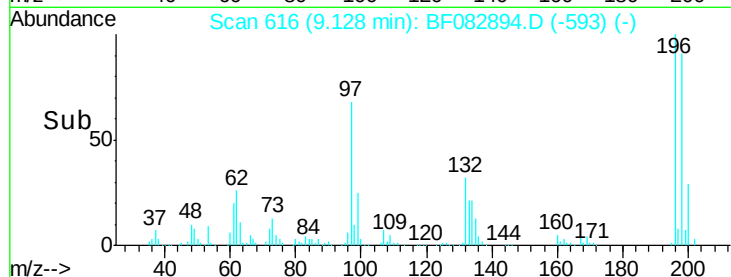
#43
 2,4,5-Trichlorophenol
 Concen: 25.91 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.03 min
 Lab File: BF082894.D
 Acq: 13 Nov 2015 13:39

Instrument :
 BNA_F
 ClientSampleId :
 PB86628BS

Tgt Ion:196 Resp: 370627
 Ion Ratio Lower Upper
 196 100
 198 91.3 75.8 113.8
 97 67.8 62.3 93.5
 132 32.2 27.4 41.2

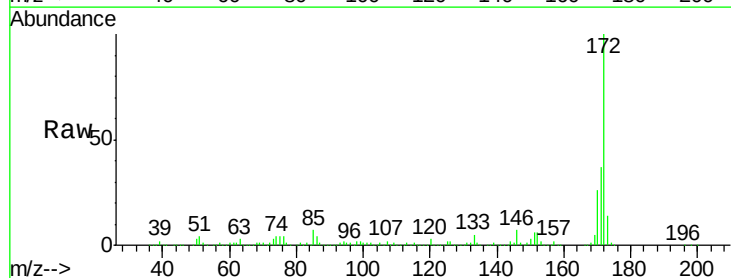


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

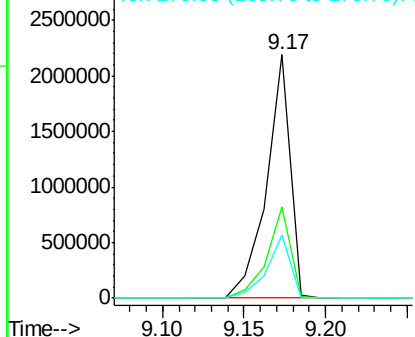
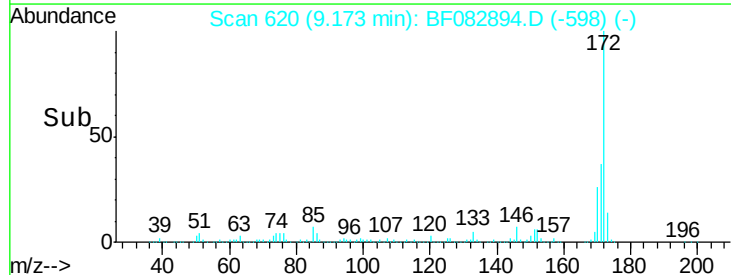


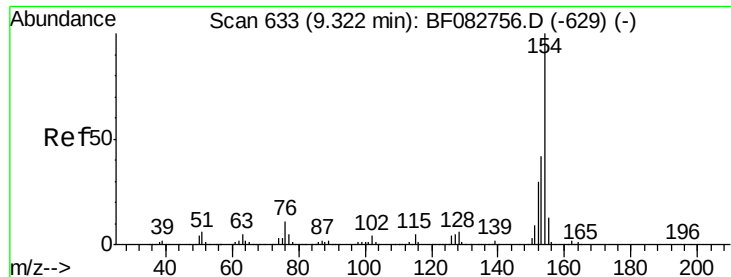
#44
 2-Fluorobiphenyl
 Concen: 53.83 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.05 min
 Lab File: BF082894.D
 Acq: 13 Nov 2015 13:39

Tgt Ion:172 Resp: 2214425
 Ion Ratio Lower Upper
 172 100
 171 37.4 30.8 46.2
 170 26.1 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

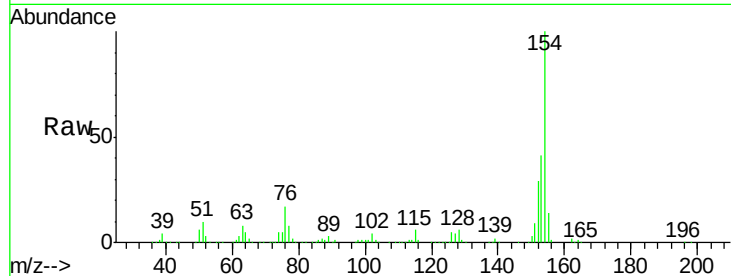




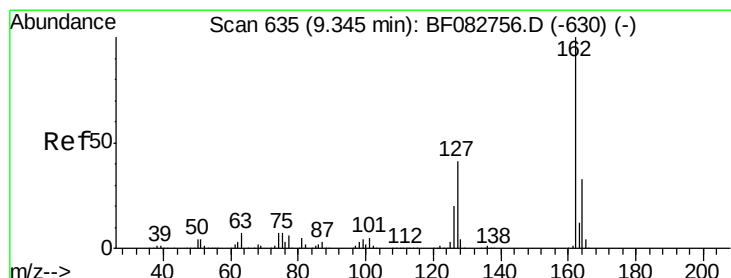
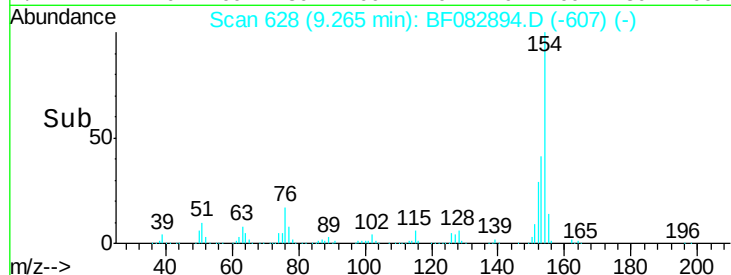
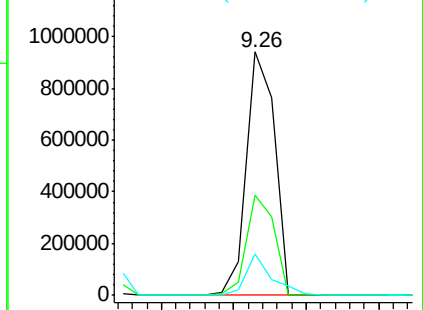
#45
 1,1'-Biphenyl
 Concen: 25.05 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.06 min
 Lab File: BF082894.D
 Acq: 13 Nov 2015 13:39

Instrument :
 BNA_F
 ClientSampleId :
 PB86628BS

Tgt Ion:154 Resp: 1267600
 Ion Ratio Lower Upper
 154 100
 153 41.2 22.0 62.0
 76 17.0 0.0 29.0

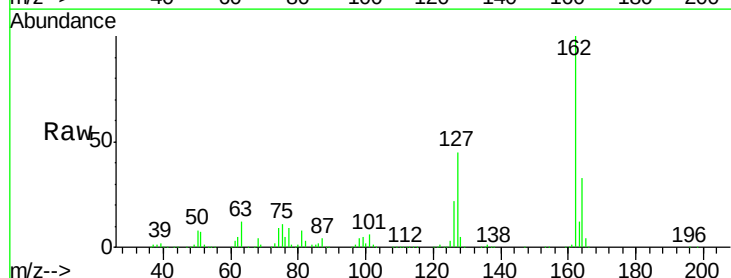


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

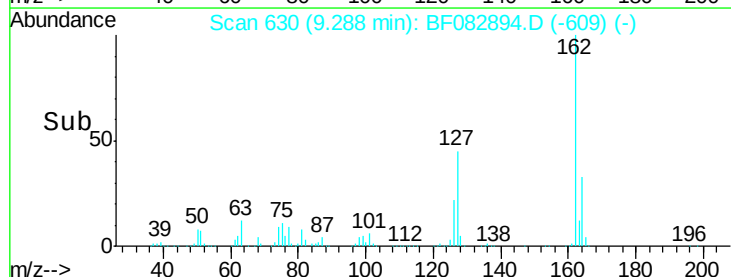
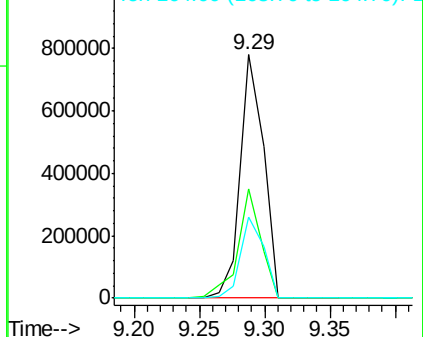


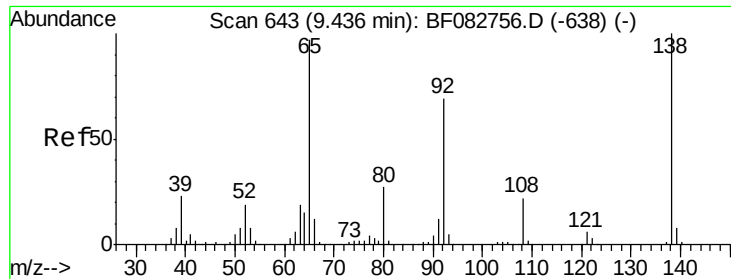
#46
 2-Chloronaphthalene
 Concen: 24.40 ng
 RT: 9.29 min Scan# 630
 Delta R.T. -0.06 min
 Lab File: BF082894.D
 Acq: 13 Nov 2015 13:39

Tgt Ion:162 Resp: 962965
 Ion Ratio Lower Upper
 162 100
 127 44.6 32.7 49.1
 164 33.4 27.4 41.0



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

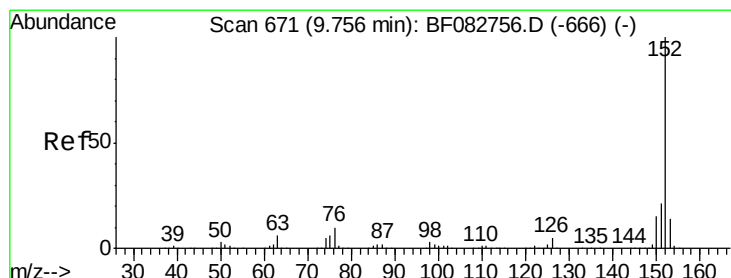
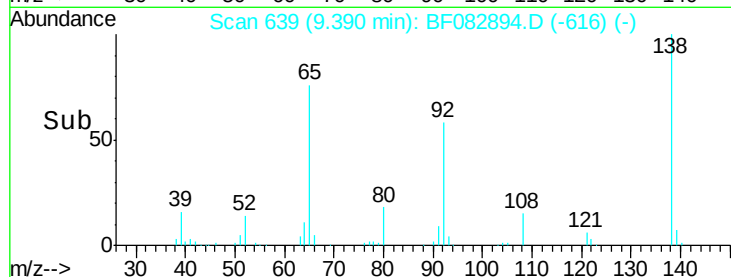
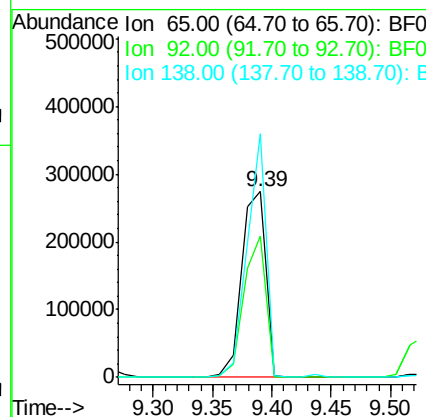
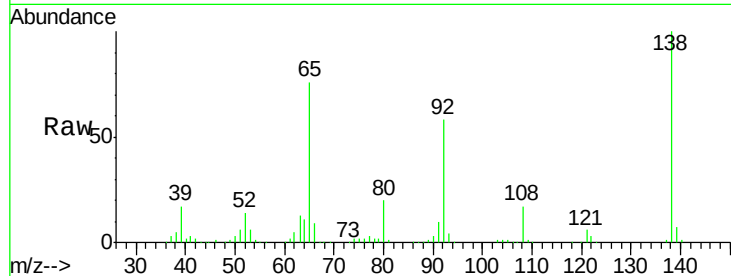




#47
2-Nitroaniline
Concen: 26.53 ng
RT: 9.39 min Scan# 639
Delta R.T. -0.03 min
Lab File: BF082894.D
Acq: 13 Nov 2015 13:39

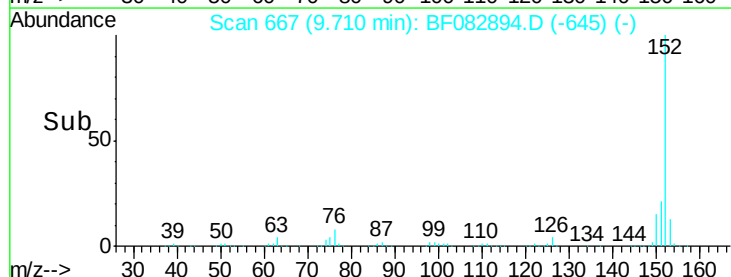
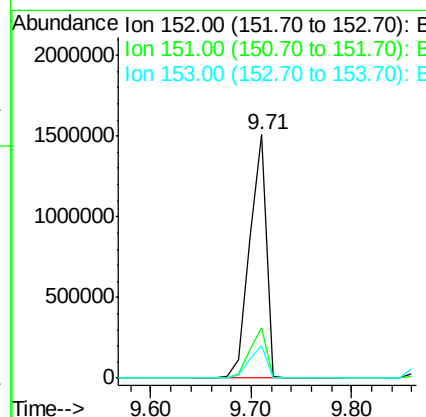
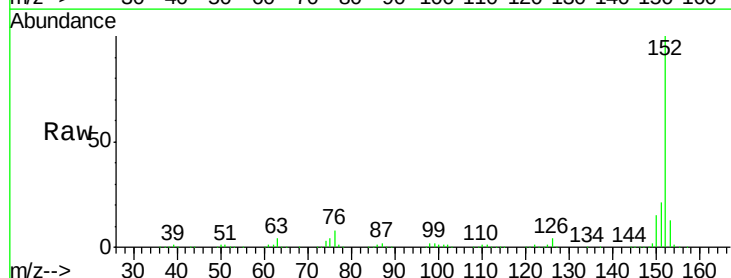
Instrument :
BNA_F
ClientSampleId :
PB86628BS

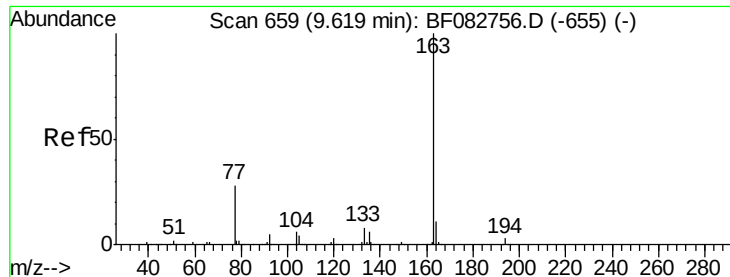
Tgt Ion: 65 Resp: 388399
Ion Ratio Lower Upper
65 100
92 76.0 46.6 70.0#
138 131.0 54.6 81.8#



#48
Acenaphthylene
Concen: 27.94 ng
RT: 9.71 min Scan# 667
Delta R.T. -0.05 min
Lab File: BF082894.D
Acq: 13 Nov 2015 13:39

Tgt Ion: 152 Resp: 1728249
Ion Ratio Lower Upper
152 100
151 20.7 17.3 25.9
153 13.2 11.3 16.9

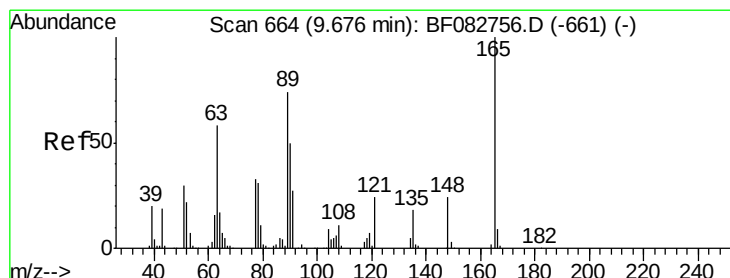
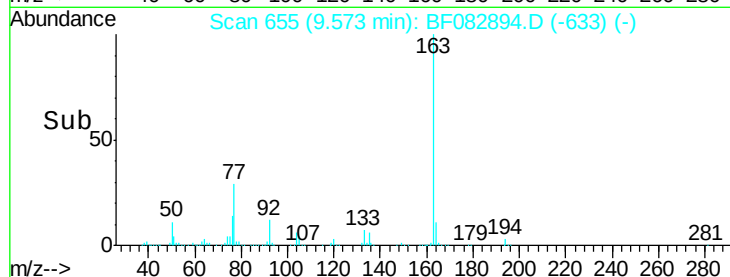
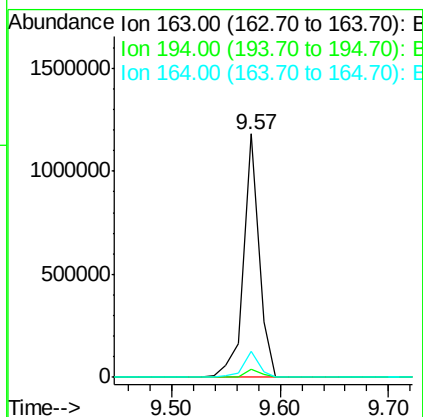
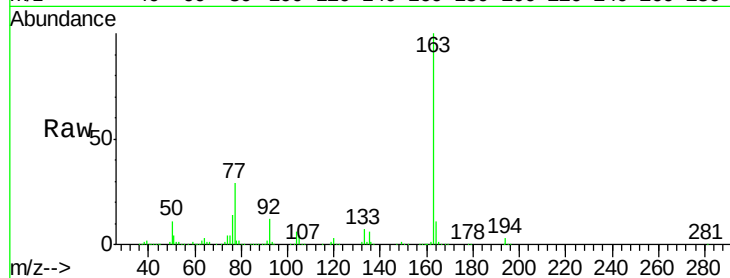




#49
Dimethylphthalate
Concen: 23.81 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.05 min
Lab File: BF082894.D
Acq: 13 Nov 2015 13:39

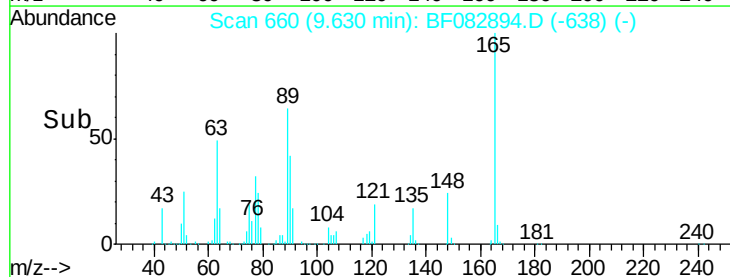
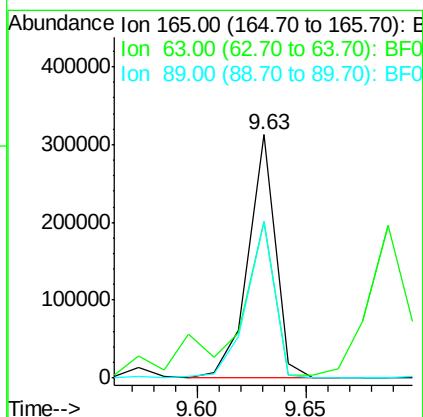
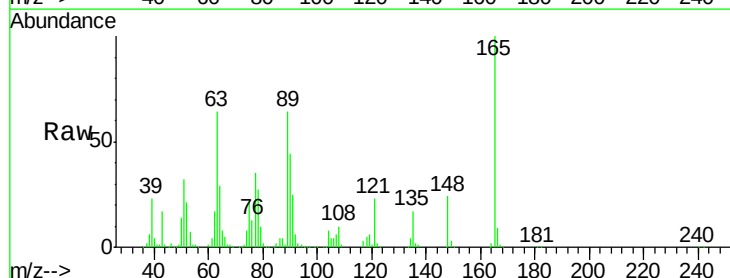
Instrument :
BNA_F
ClientSampleId :
PB86628BS

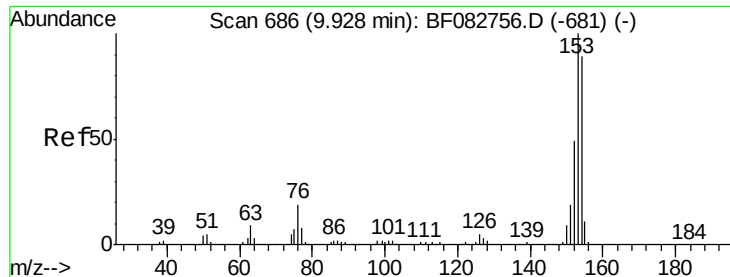
Tgt Ion:163 Resp: 1150385
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.7 8.7 13.1



#50
2,6-Dinitrotoluene
Concen: 26.64 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.05 min
Lab File: BF082894.D
Acq: 13 Nov 2015 13:39

Tgt Ion:165 Resp: 274576
Ion Ratio Lower Upper
165 100
63 64.2 55.5 83.3
89 64.4 55.0 82.6





#51

Acenaphthene

Concen: 31.58 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.05 min

Lab File: BF082894.D

Acq: 13 Nov 2015 13:39

Instrument :

BNA_F

ClientSampleId :

PB86628BS

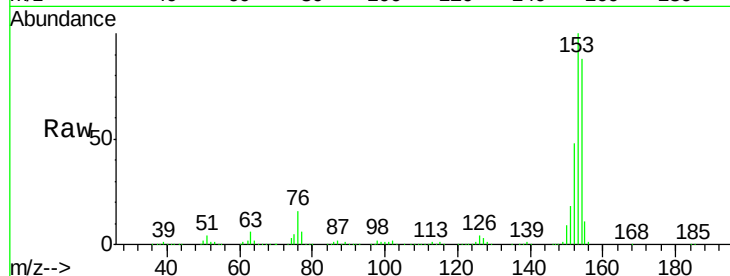
Tgt Ion:154 Resp: 1237998

Ion Ratio Lower Upper

154 100

153 113.3 90.1 135.1

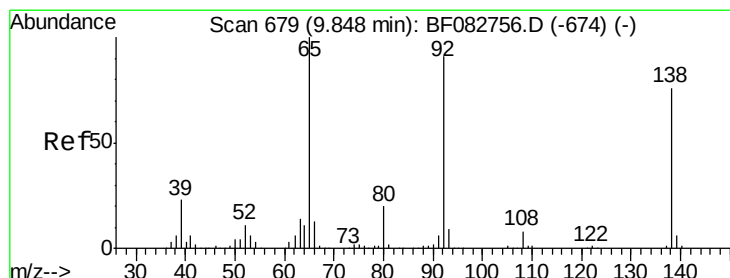
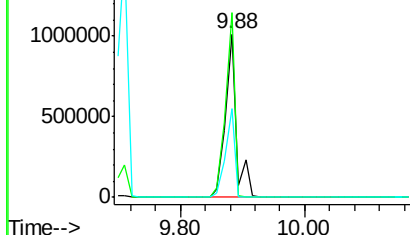
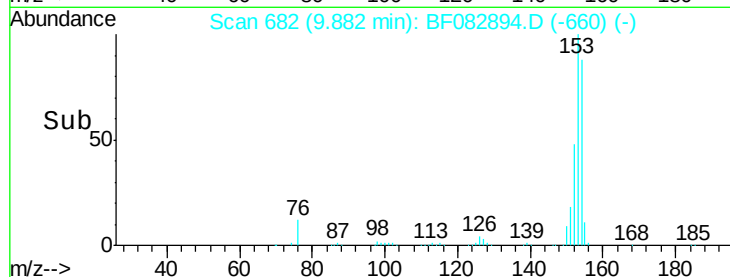
152 54.4 44.3 66.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 14.83 ng

RT: 9.79 min Scan# 674

Delta R.T. -0.05 min

Lab File: BF082894.D

Acq: 13 Nov 2015 13:39

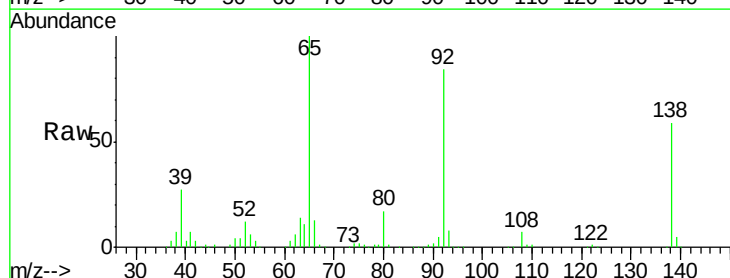
Tgt Ion:138 Resp: 168094

Ion Ratio Lower Upper

138 100

108 11.4 11.3 16.9

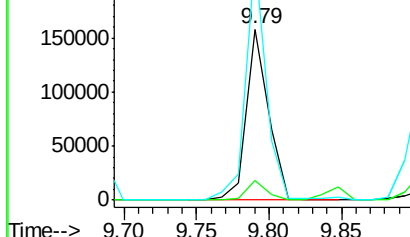
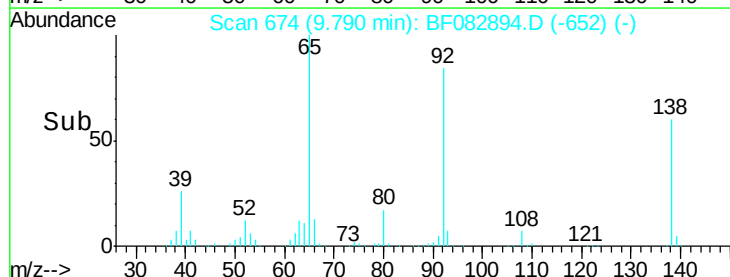
92 142.4 122.4 183.6

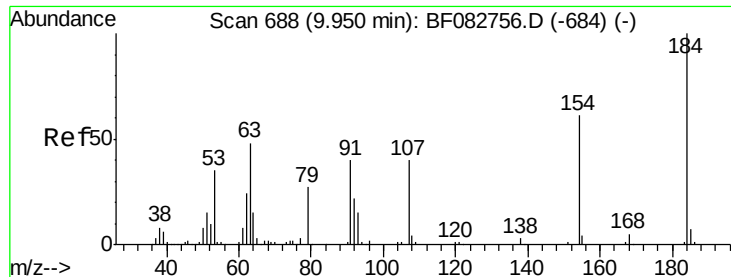


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

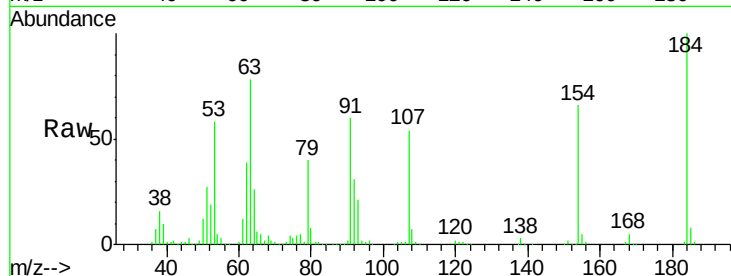




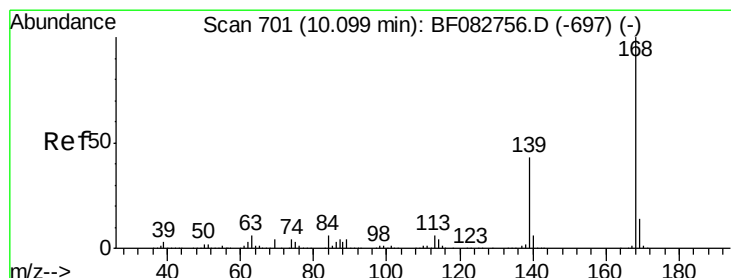
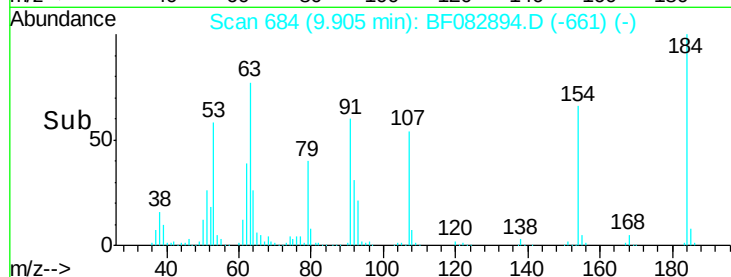
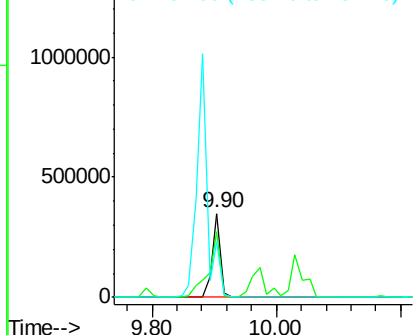
#53
 2,4-Dinitrophenol
 Concen: 58.05 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.03 min
 Lab File: BF082894.D
 Acq: 13 Nov 2015 13:39

Instrument :
 BNA_F
 ClientSampleId :
 PB86628BS

Tgt Ion:184 Resp: 328517
 Ion Ratio Lower Upper
 184 100
 63 78.0 98.6 148.0#
 154 66.0 183.9 275.9#

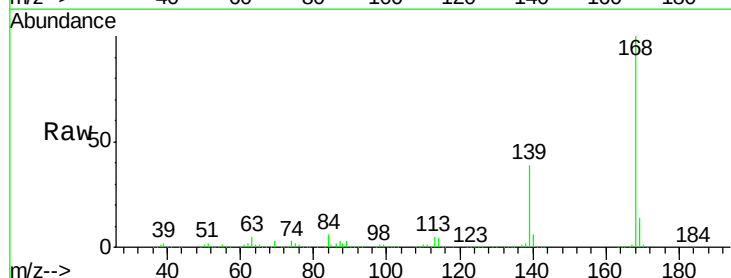


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

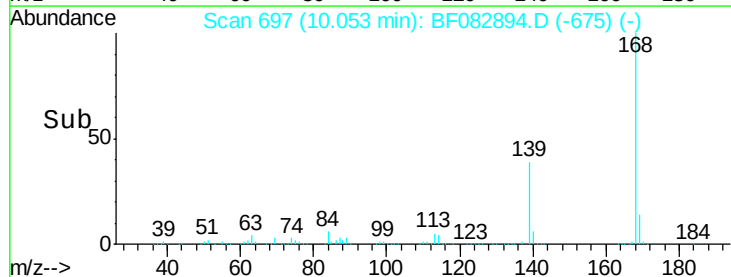
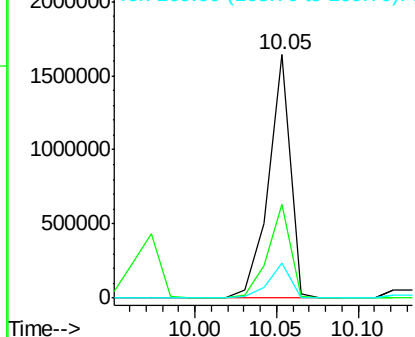


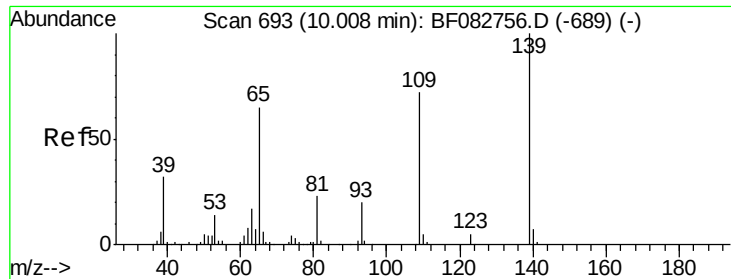
#54
 Dibenzofuran
 Concen: 28.98 ng
 RT: 10.05 min Scan# 697
 Delta R.T. -0.05 min
 Lab File: BF082894.D
 Acq: 13 Nov 2015 13:39

Tgt Ion:168 Resp: 1531643
 Ion Ratio Lower Upper
 168 100
 139 38.8 37.8 56.6
 169 14.3 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

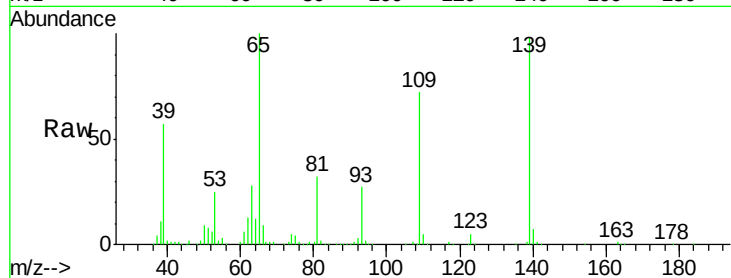




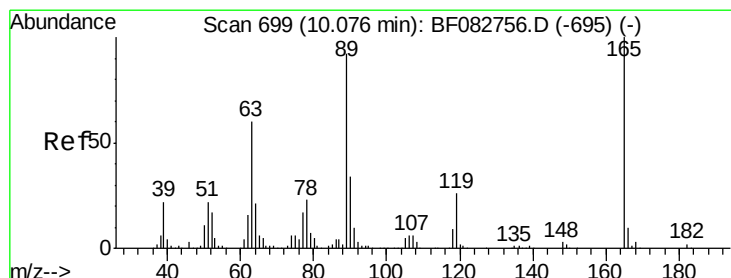
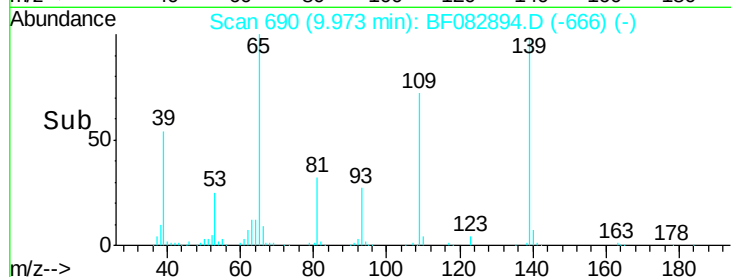
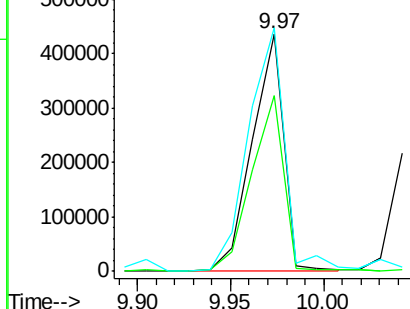
#55
4-Nitrophenol
Concen: 58.50 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.02 min
Lab File: BF082894.D
Acq: 13 Nov 2015 13:39

Instrument :
BNA_F
ClientSampleId :
PB86628BS

Tgt Ion:139 Resp: 508737
Ion Ratio Lower Upper
139 100
109 74.0 73.7 113.7
65 102.6 82.9 122.9

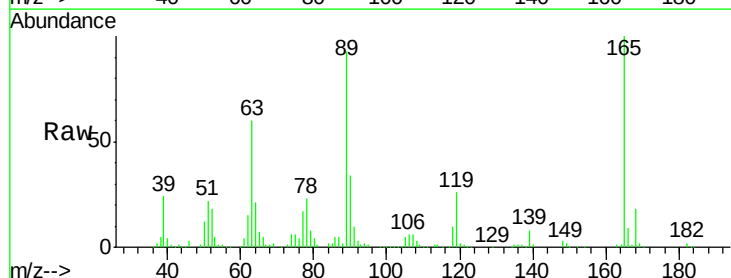


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

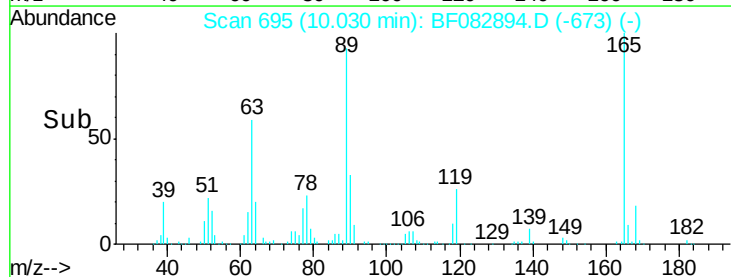
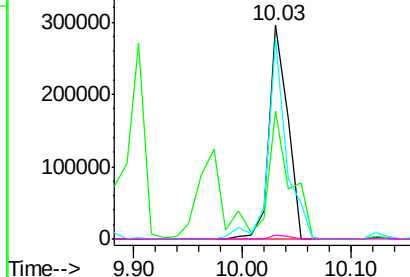


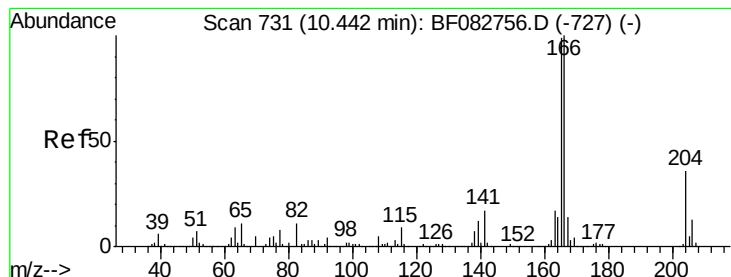
#56
2,4-Dinitrotoluene
Concen: 25.15 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.05 min
Lab File: BF082894.D
Acq: 13 Nov 2015 13:39

Tgt Ion:165 Resp: 351715
Ion Ratio Lower Upper
165 100
63 60.1 43.4 65.0
89 93.5 70.6 106.0
182 2.0 1.5 2.3



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 28.58 ng

RT: 10.40 min Scan# 727

Delta R.T. -0.05 min

Lab File: BF082894.D

Acq: 13 Nov 2015 13:39

Instrument :

BNA_F

ClientSampleId :

PB86628BS

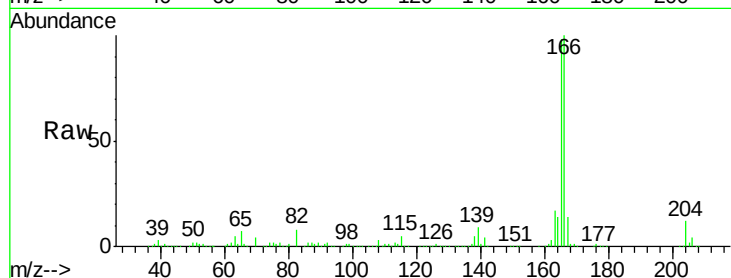
Tgt Ion:166 Resp: 1223511

Ion Ratio Lower Upper

166 100

165 98.2 80.2 120.4

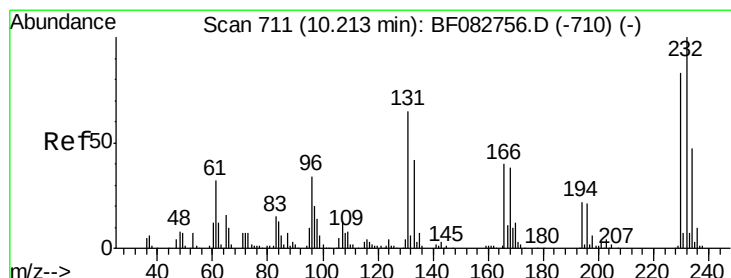
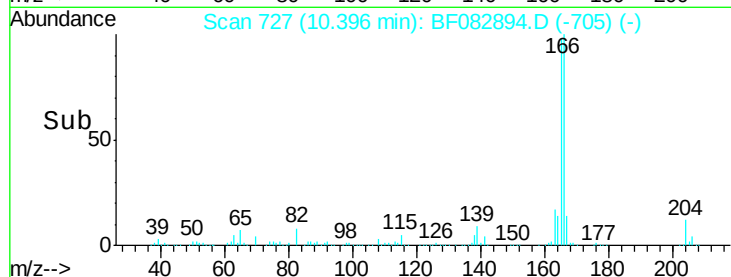
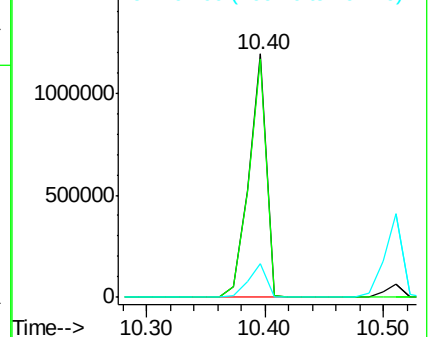
167 13.7 11.2 16.8



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: 25.75 ng

RT: 10.17 min Scan# 707

Delta R.T. -0.05 min

Lab File: BF082894.D

Acq: 13 Nov 2015 13:39

Tgt Ion:232 Resp: 300664

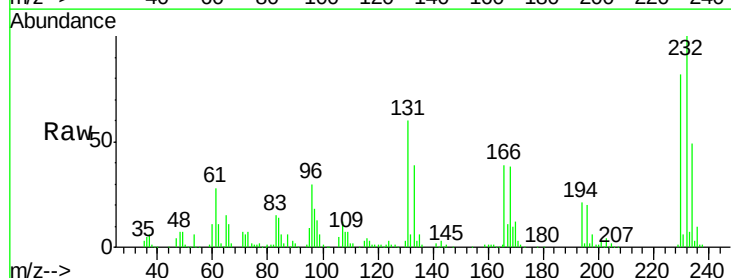
Ion Ratio Lower Upper

232 100

131 48.1 46.2 69.2

130 2.2 2.4 3.6#

166 32.2 28.2 42.2

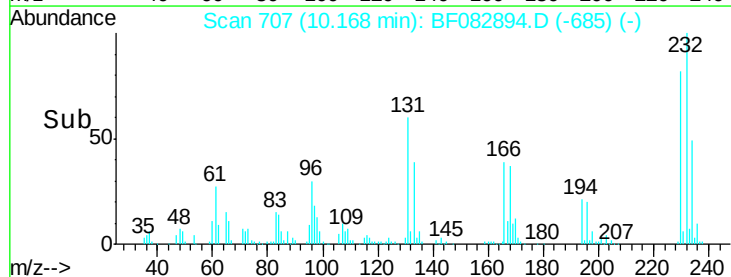
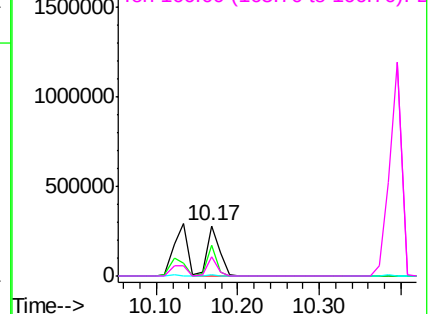


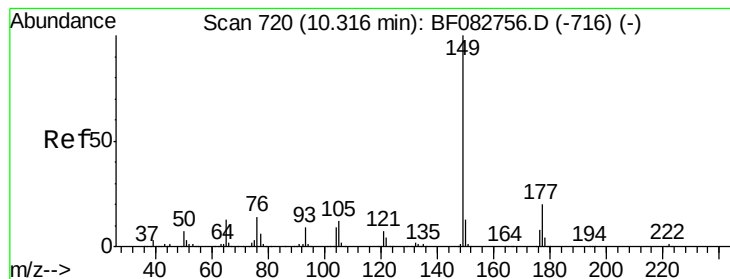
Abundance Ion 232.00 (231.70 to 232.70): E

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: 27.18 ng

RT: 10.28 min Scan# 717

Delta R.T. -0.03 min

Lab File: BF082894.D

Acq: 13 Nov 2015 13:39

Instrument :

BNA_F

ClientSampleId :

PB86628BS

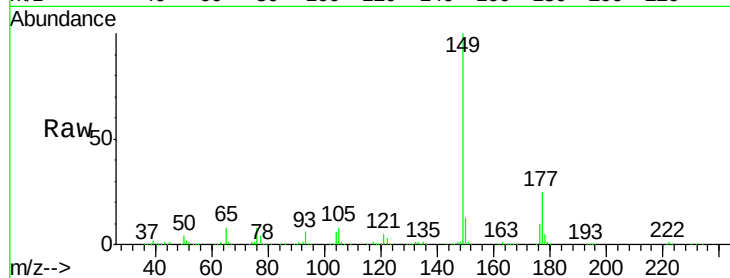
Tgt Ion:149 Resp: 1282260

Ion Ratio Lower Upper

149 100

177 25.1 17.9 26.9

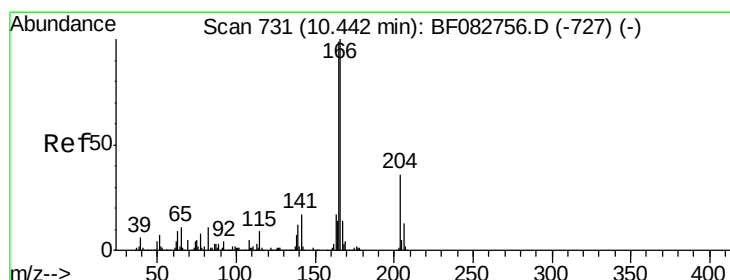
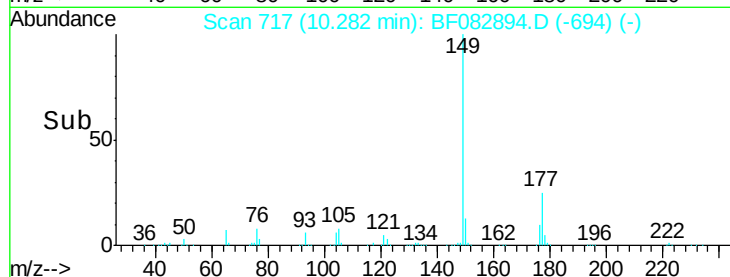
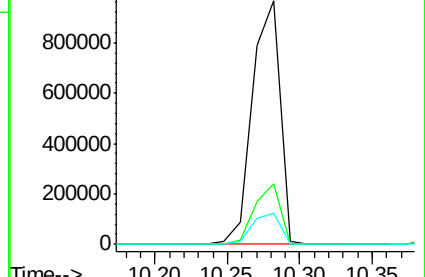
150 12.8 10.1 15.1



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: 23.80 ng

RT: 10.38 min Scan# 726

Delta R.T. -0.05 min

Lab File: BF082894.D

Acq: 13 Nov 2015 13:39

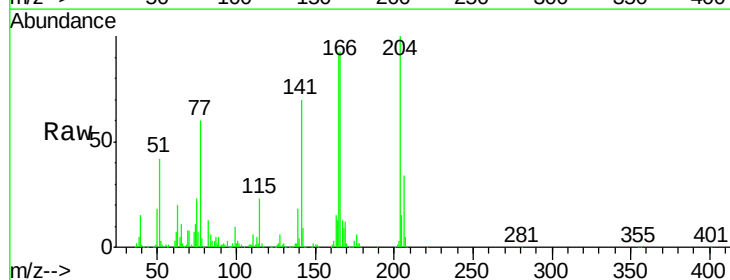
Tgt Ion:204 Resp: 509713

Ion Ratio Lower Upper

204 100

206 34.3 28.5 42.7

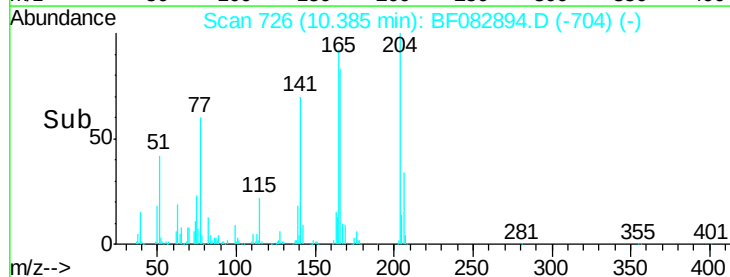
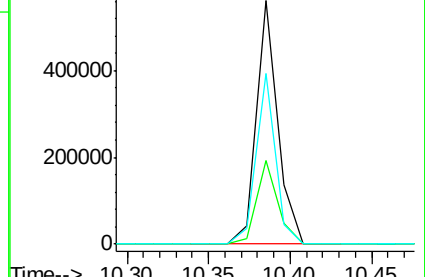
141 70.3 44.6 66.8#

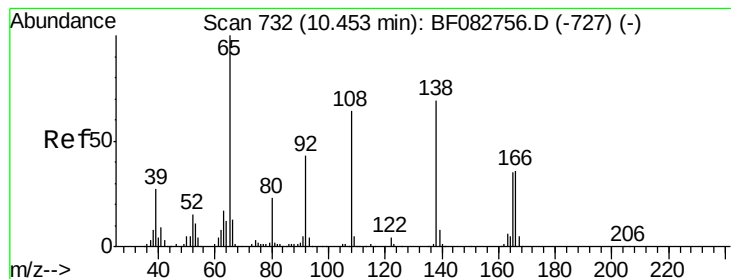


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 26.60 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.05 min

Lab File: BF082894.D

Acq: 13 Nov 2015 13:39

Instrument :

BNA_F

ClientSampleId :

PB86628BS

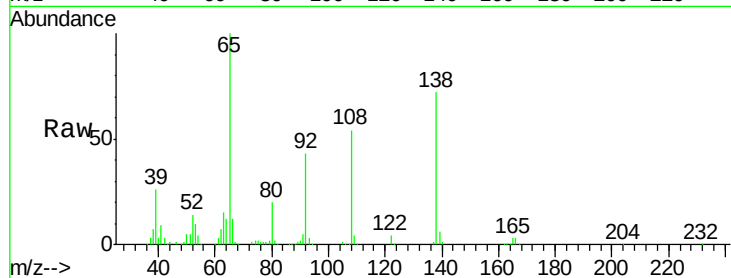
Tgt Ion:138 Resp: 303272

Ion Ratio Lower Upper

138 100

92 59.6 45.8 85.8

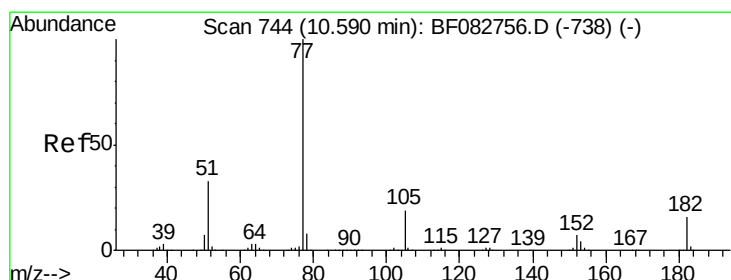
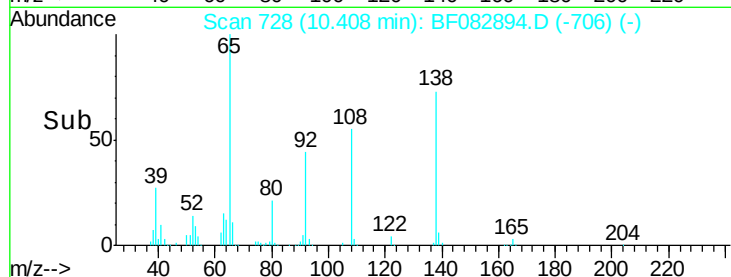
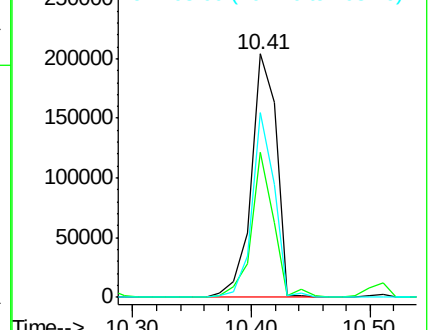
108 75.6 89.4 129.4#



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: 28.07 ng

RT: 10.54 min Scan# 740

Delta R.T. -0.05 min

Lab File: BF082894.D

Acq: 13 Nov 2015 13:39

Tgt Ion: 77 Resp: 1422489

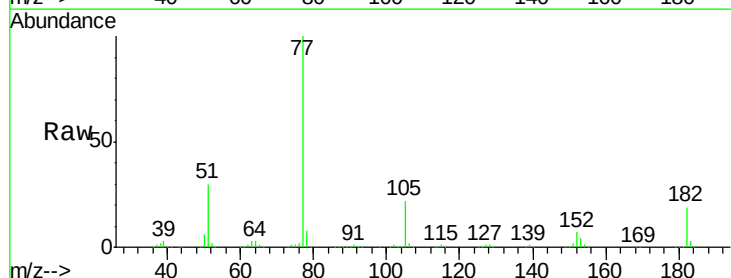
Ion Ratio Lower Upper

77 100

182 19.2 9.3 49.3

105 21.9 2.6 42.6

51 29.5 9.9 49.9

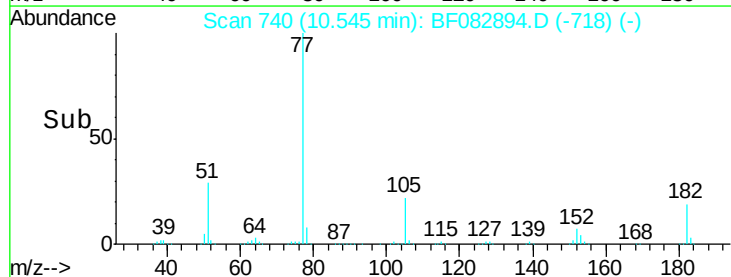
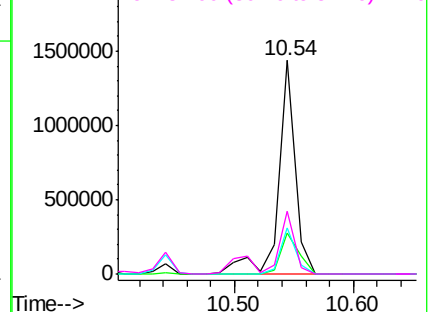


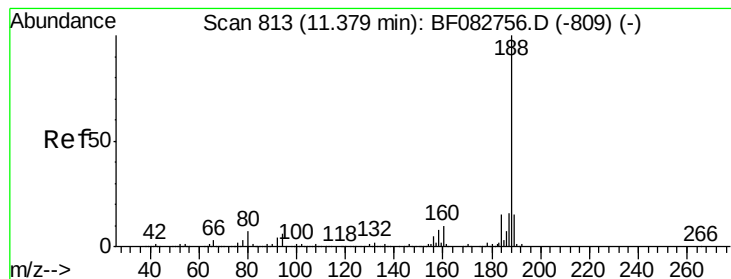
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.32 min Scan# 808

Delta R.T. -0.06 min

Lab File: BF082894.D

Acq: 13 Nov 2015 13:39

Instrument :

BNA_F

ClientSampleId :

PB86628BS

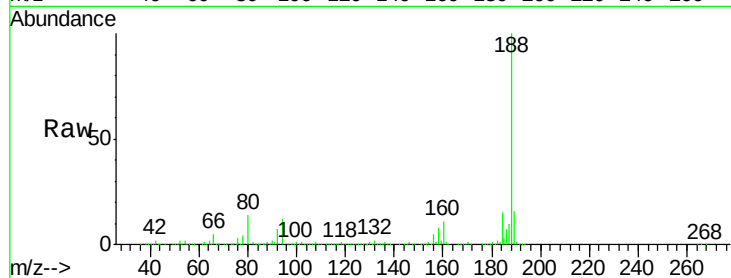
Tgt Ion:188 Resp: 1084918

Ion Ratio Lower Upper

188 100

94 11.8 6.1 9.1#

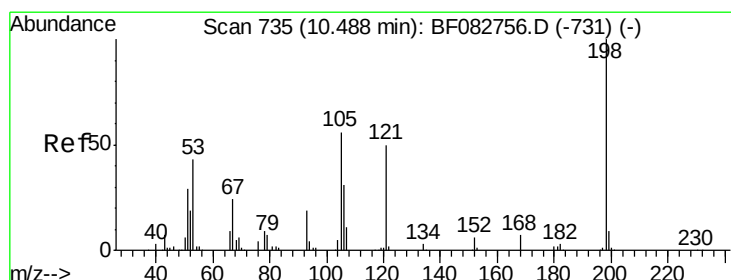
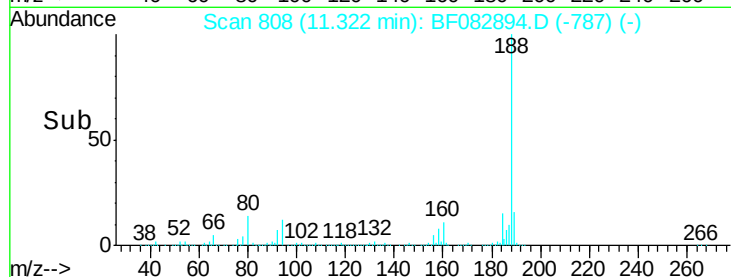
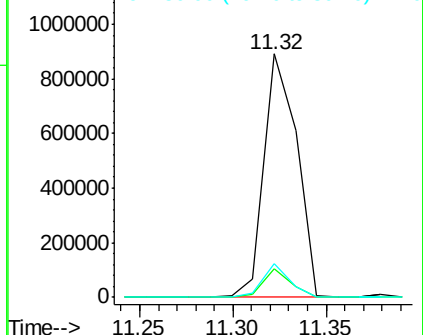
80 13.8 7.0 10.6#



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: 27.46 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.05 min

Lab File: BF082894.D

Acq: 13 Nov 2015 13:39

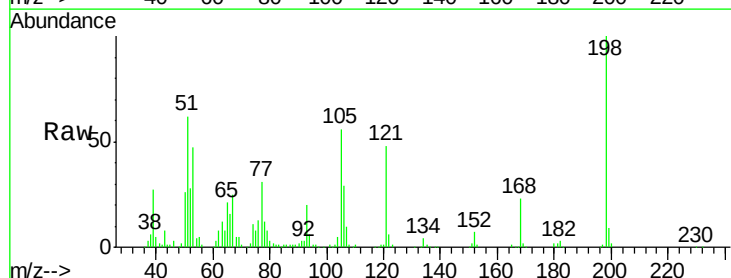
Tgt Ion:198 Resp: 212259

Ion Ratio Lower Upper

198 100

51 61.6 17.3 57.3#

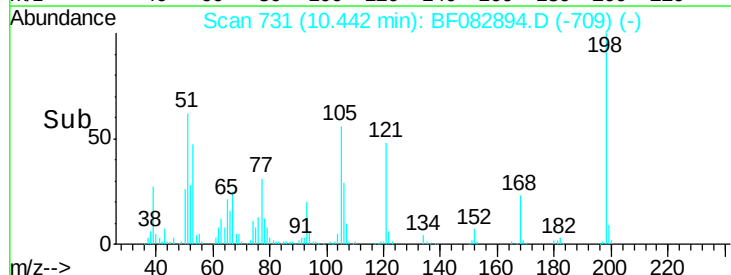
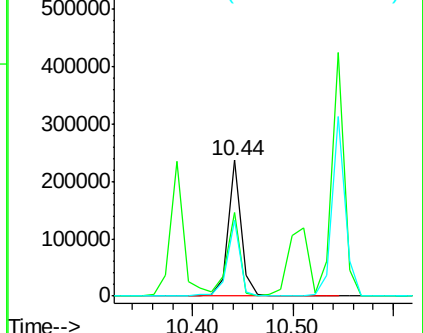
105 55.7 21.7 61.7

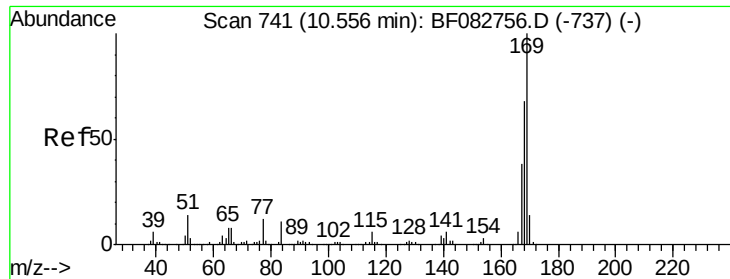


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

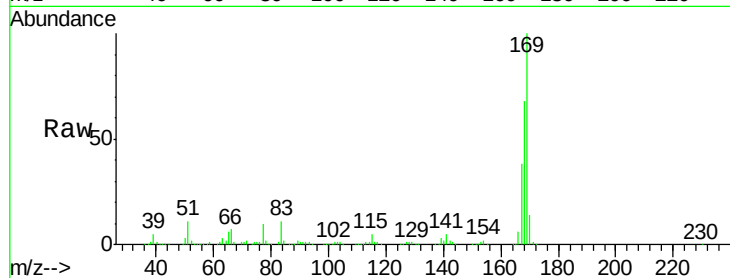




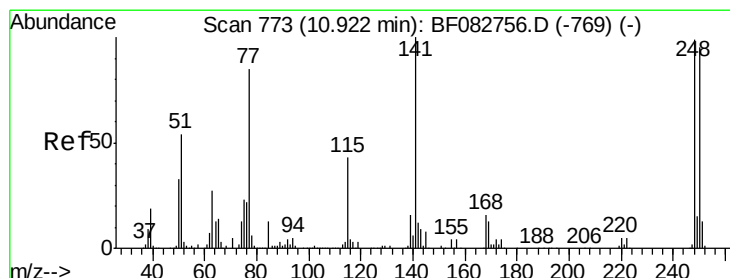
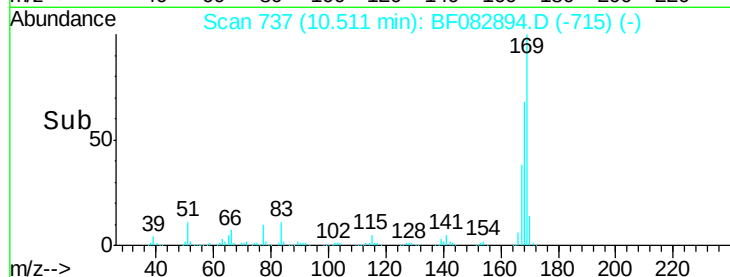
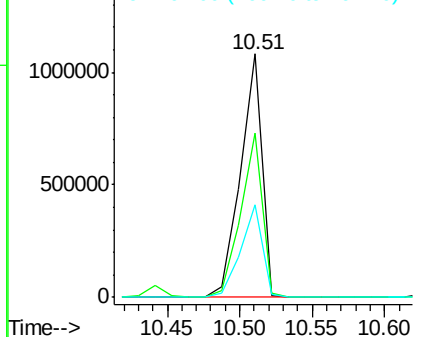
#65
n-Nitrosodiphenylamine
Concen: 28.37 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.05 min
Lab File: BF082894.D
Acq: 13 Nov 2015 13:39

Instrument :
BNA_F
ClientSampleId :
PB86628BS

Tgt Ion:169 Resp: 1112087
Ion Ratio Lower Upper
169 100
168 67.6 55.0 82.6
167 37.9 30.5 45.7

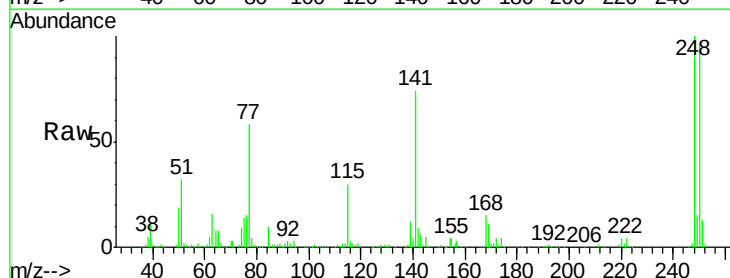


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

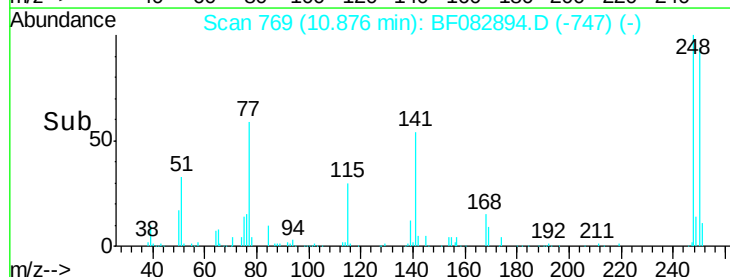
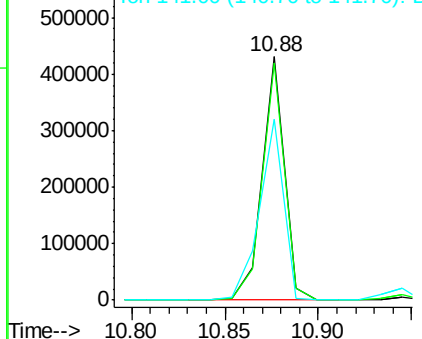


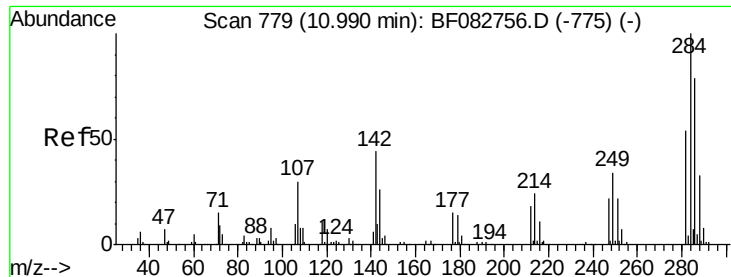
#66
4-Bromophenyl-phenylether
Concen: 26.97 ng
RT: 10.88 min Scan# 769
Delta R.T. -0.05 min
Lab File: BF082894.D
Acq: 13 Nov 2015 13:39

Tgt Ion:248 Resp: 352342
Ion Ratio Lower Upper
248 100
250 97.2 79.4 119.2
141 74.4 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

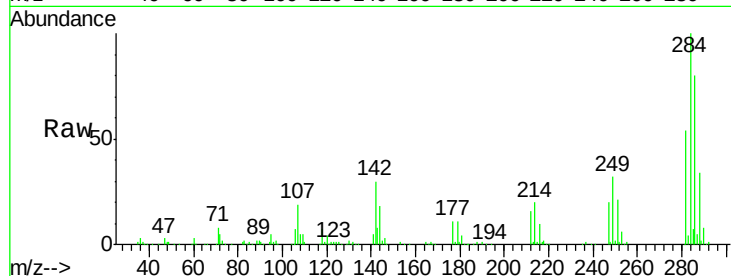




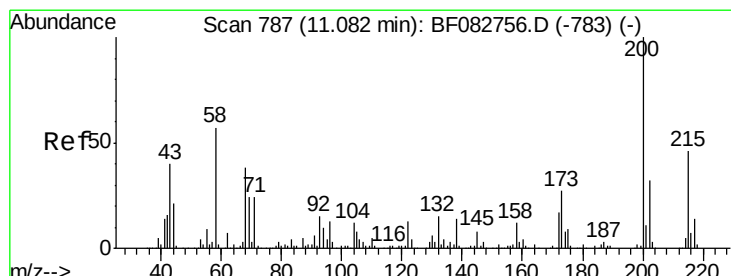
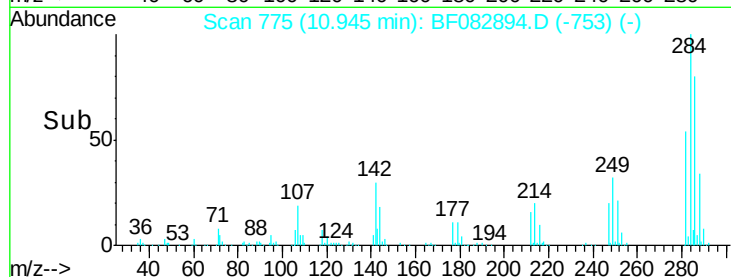
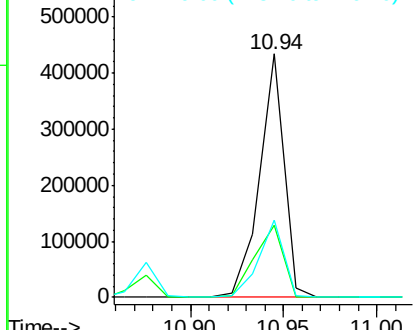
#67
Hexachlorobenzene
Concen: 26.80 ng
RT: 10.94 min Scan# 775
Delta R.T. -0.05 min
Lab File: BF082894.D
Acq: 13 Nov 2015 13:39

Instrument :
BNA_F
ClientSampleId :
PB86628BS

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.7	47.9	71.9#
249	31.5	29.7	44.5

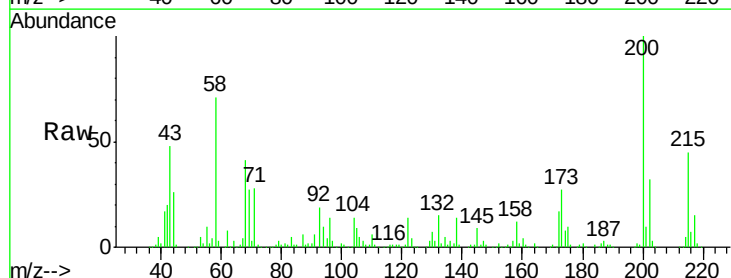


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

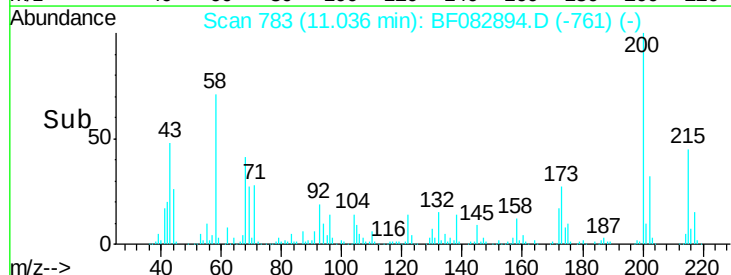
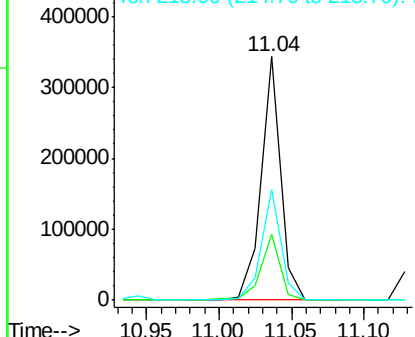


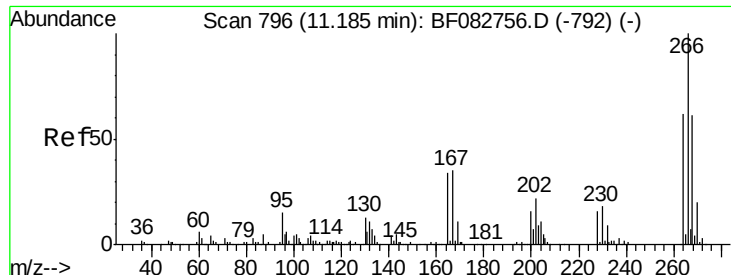
#68
Atrazine
Concen: 26.45 ng
RT: 11.04 min Scan# 783
Delta R.T. -0.05 min
Lab File: BF082894.D
Acq: 13 Nov 2015 13:39

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.2	6.9	46.9
215	45.5	22.9	62.9



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

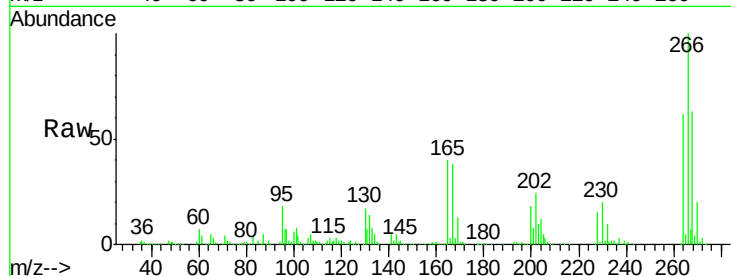




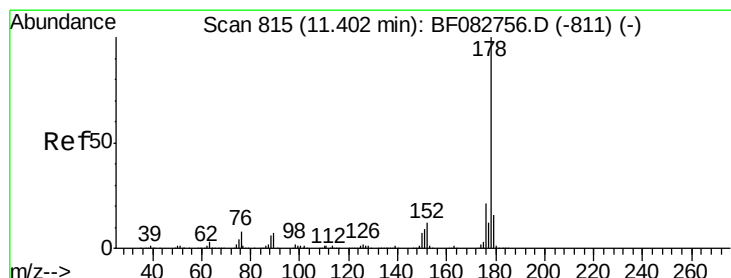
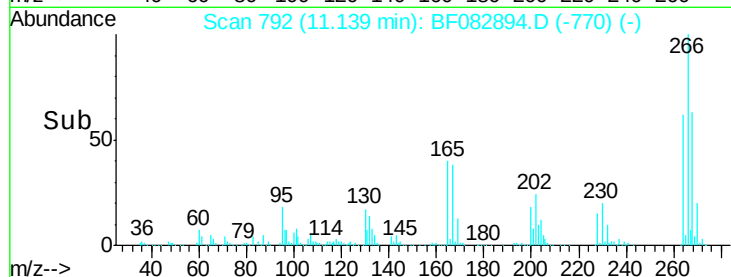
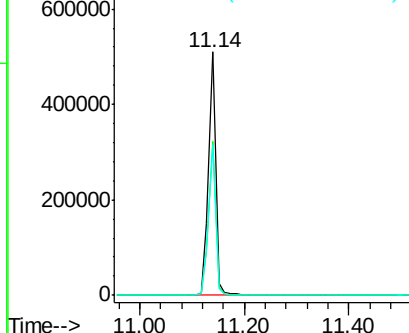
#69
 Pentachlorophenol
 Concen: 55.15 ng
 RT: 11.14 min Scan# 792
 Delta R.T. -0.05 min
 Lab File: BF082894.D
 Acq: 13 Nov 2015 13:39

Instrument :
 BNA_F
 ClientSampleId :
 PB86628BS

Tgt Ion:266 Resp: 488487
 Ion Ratio Lower Upper
 266 100
 268 63.2 51.0 76.6
 264 61.8 50.6 75.8

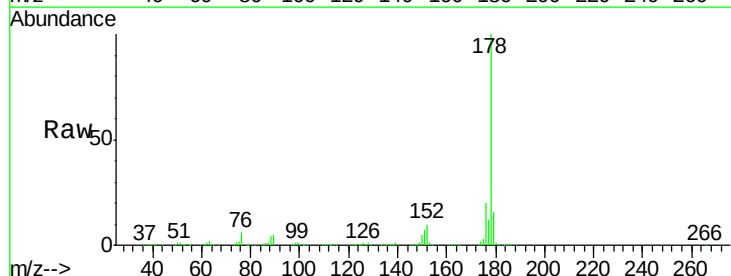


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

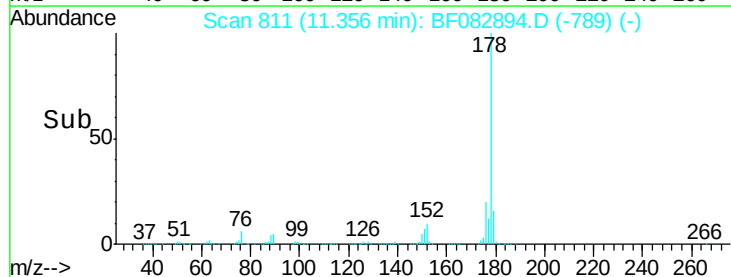
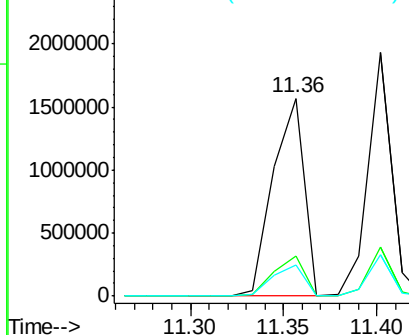


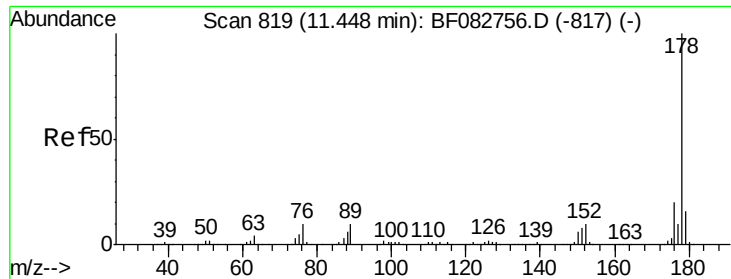
#70
 Phenanthrene
 Concen: 29.14 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.05 min
 Lab File: BF082894.D
 Acq: 13 Nov 2015 13:39

Tgt Ion:178 Resp: 1836100
 Ion Ratio Lower Upper
 178 100
 176 20.3 17.0 25.4
 179 15.9 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

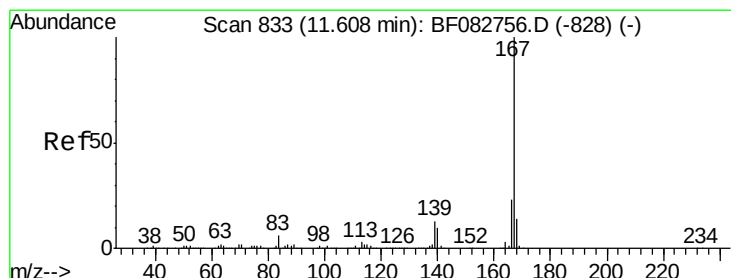
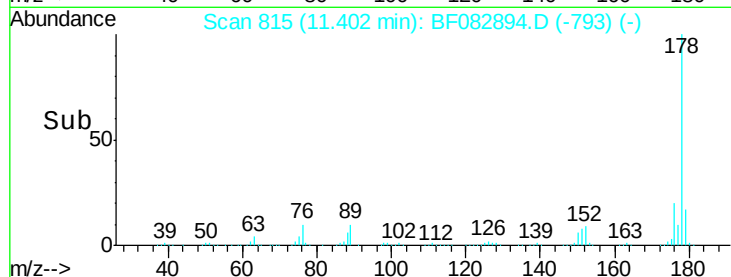
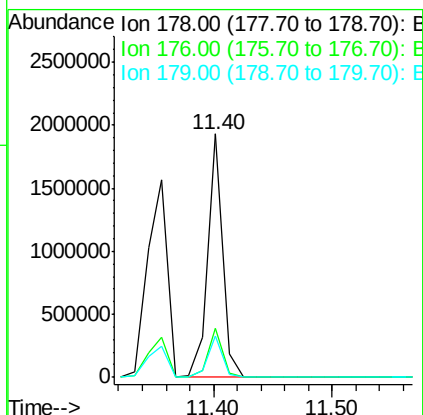
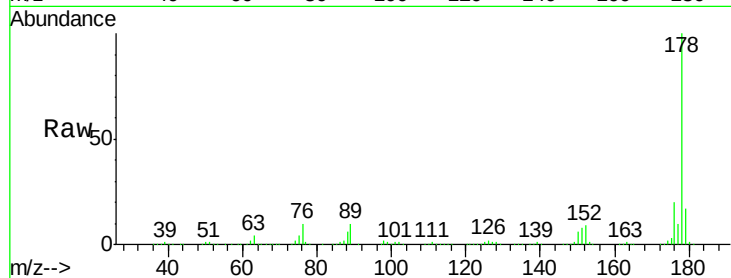




#71
 Anthracene
 Concen: 25.31 ng
 RT: 11.40 min Scan# 815
 Delta R.T. -0.05 min
 Lab File: BF082894.D
 Acq: 13 Nov 2015 13:39

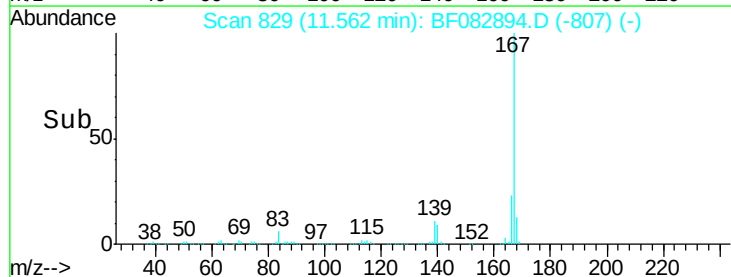
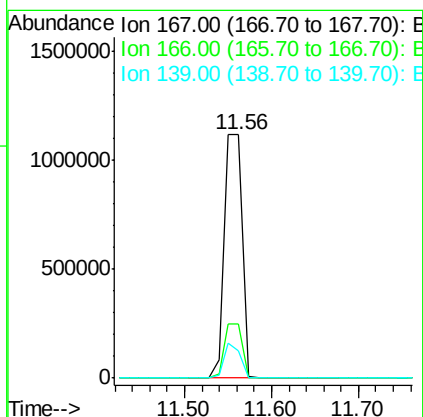
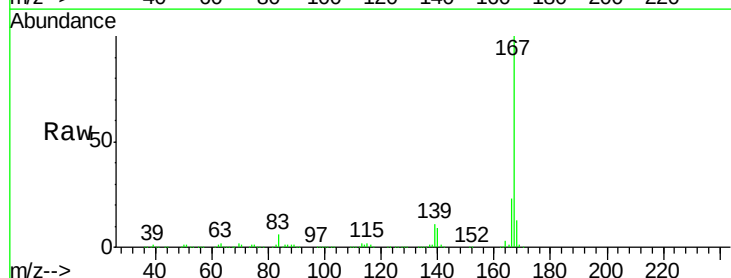
Instrument :
 BNA_F
 ClientSampleId :
 PB86628BS

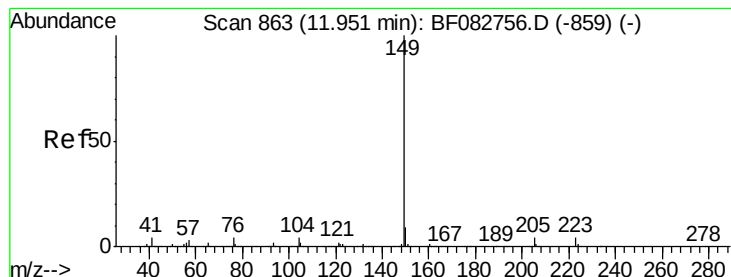
Tgt Ion:178 Resp: 1679520
 Ion Ratio Lower Upper
 178 100
 176 20.2 16.5 24.7
 179 16.8 13.2 19.8



#72
 Carbazole
 Concen: 27.63 ng
 RT: 11.56 min Scan# 829
 Delta R.T. -0.05 min
 Lab File: BF082894.D
 Acq: 13 Nov 2015 13:39

Tgt Ion:167 Resp: 1605176
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.7 28.1
 139 11.2 11.8 17.6#





#73

Di-n-butylphthalate

Concen: 27.34 ng

RT: 11.89 min Scan# 858

Delta R.T. -0.06 min

Lab File: BF082894.D

Acq: 13 Nov 2015 13:39

Instrument :

BNA_F

ClientSampleId :

PB86628BS

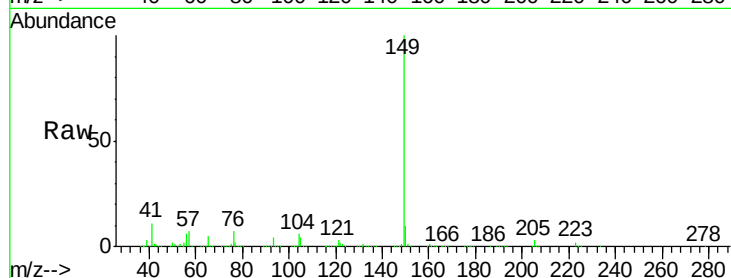
Tgt Ion:149 Resp: 1979083

Ion Ratio Lower Upper

149 100

150 10.2 8.1 12.1

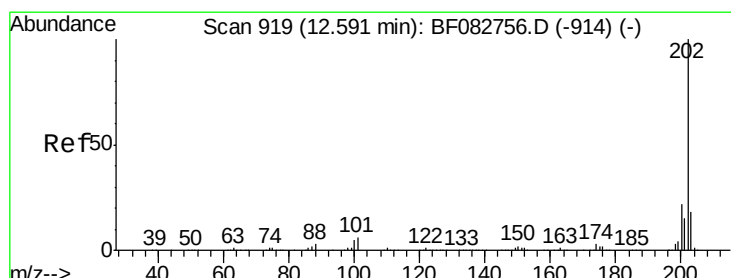
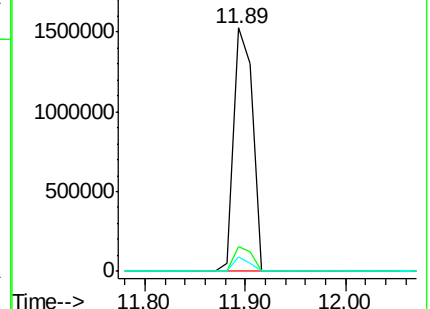
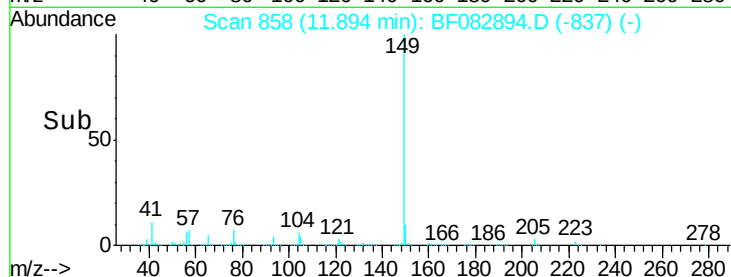
104 5.9 5.2 7.8



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: 25.03 ng

RT: 12.53 min Scan# 914

Delta R.T. -0.06 min

Lab File: BF082894.D

Acq: 13 Nov 2015 13:39

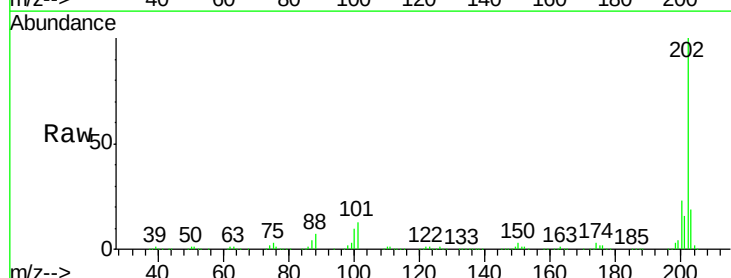
Tgt Ion:202 Resp: 1692360

Ion Ratio Lower Upper

202 100

101 13.4 0.0 30.5

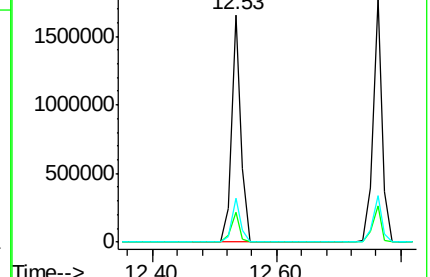
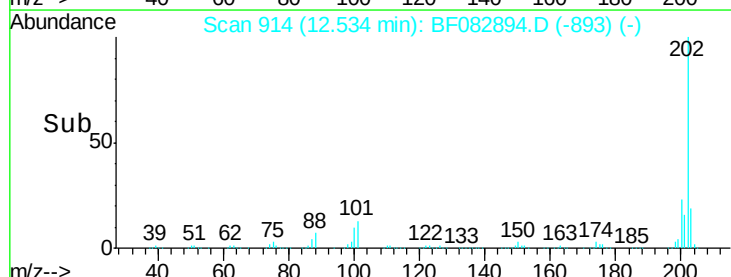
203 19.2 0.0 38.5

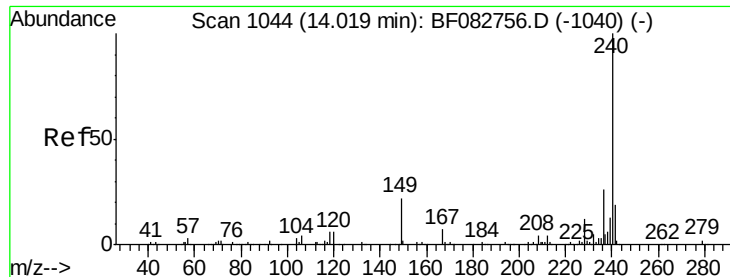


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.96 min Scan# 1039

Delta R.T. -0.06 min

Lab File: BF082894.D

Acq: 13 Nov 2015 13:39

Instrument :

BNA_F

ClientSampleId :

PB86628BS

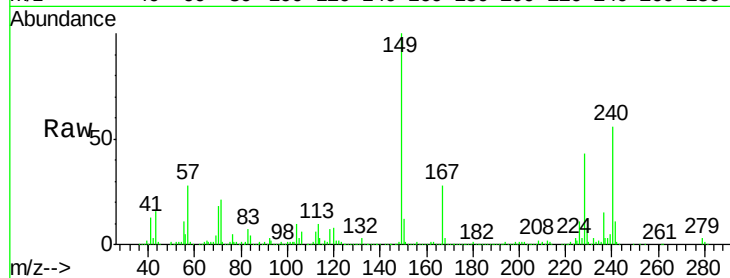
Tgt Ion:240 Resp: 878817

Ion Ratio Lower Upper

240 100

120 13.8 10.9 16.3

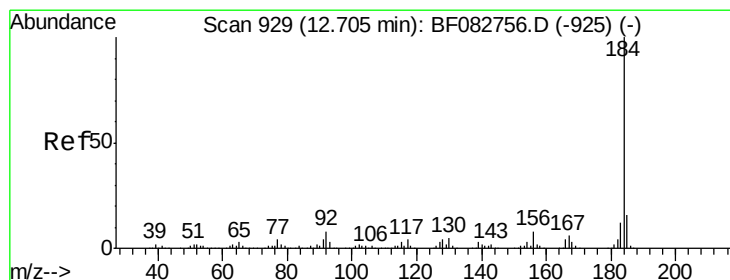
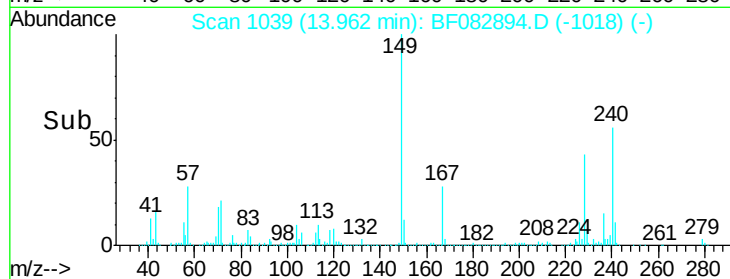
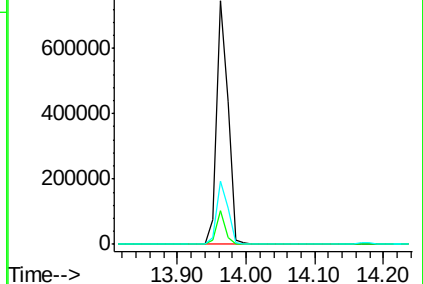
236 26.0 21.6 32.4



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: 26.61 ng

RT: 12.66 min Scan# 925

Delta R.T. -0.05 min

Lab File: BF082894.D

Acq: 13 Nov 2015 13:39

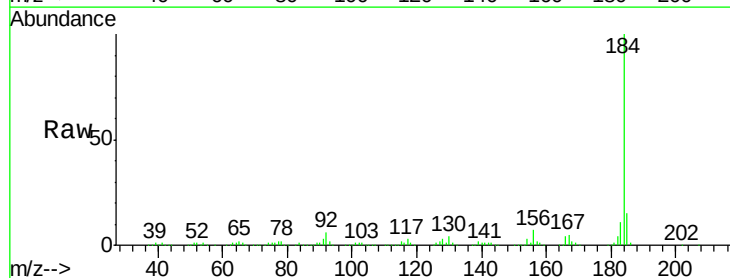
Tgt Ion:184 Resp: 783707

Ion Ratio Lower Upper

184 100

185 14.8 12.0 18.0

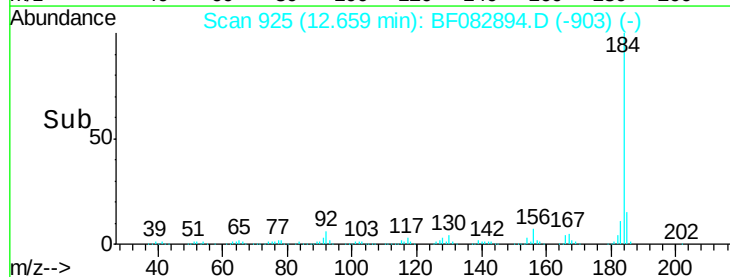
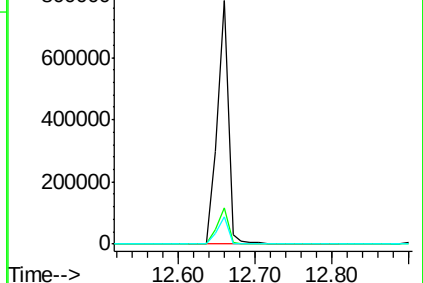
183 11.4 9.6 14.4

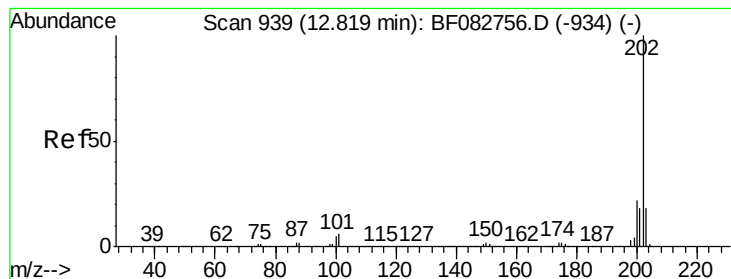


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 29.22 ng

RT: 12.76 min Scan# 934

Delta R.T. -0.05 min

Lab File: BF082894.D

Acq: 13 Nov 2015 13:39

Instrument :

BNA_F

ClientSampleId :

PB86628BS

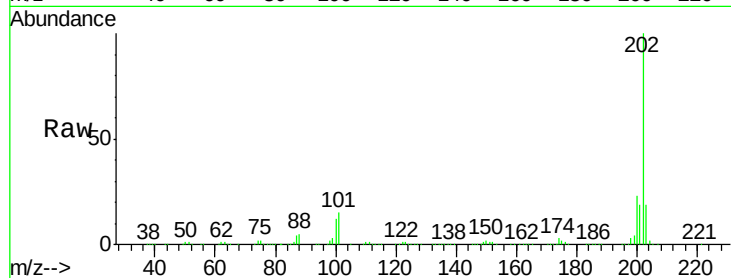
Tgt Ion:202 Resp: 1763664

Ion Ratio Lower Upper

202 100

200 23.1 18.7 28.1

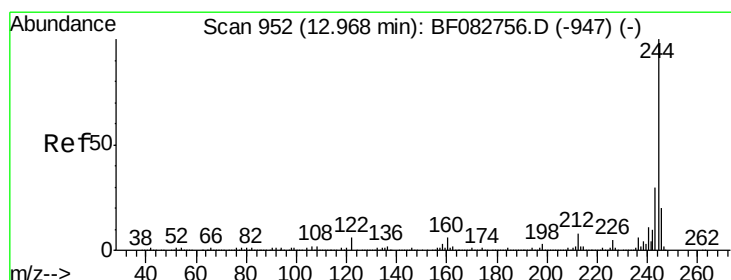
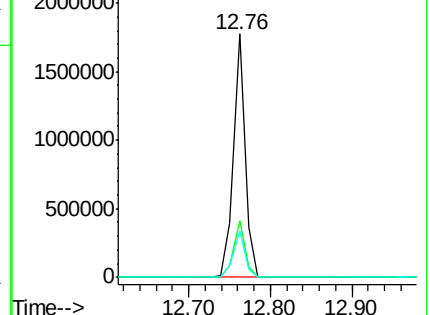
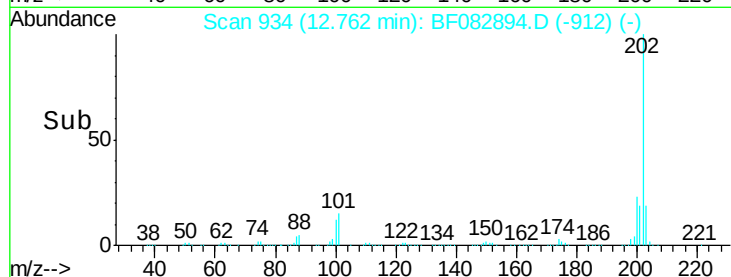
203 19.1 14.8 22.2



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: 59.76 ng

RT: 12.91 min Scan# 947

Delta R.T. -0.06 min

Lab File: BF082894.D

Acq: 13 Nov 2015 13:39

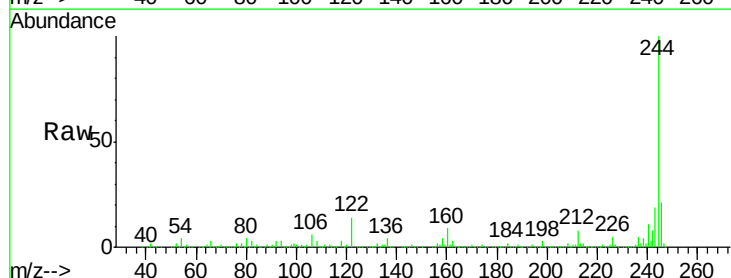
Tgt Ion:244 Resp: 2214351

Ion Ratio Lower Upper

244 100

212 8.4 7.6 11.4

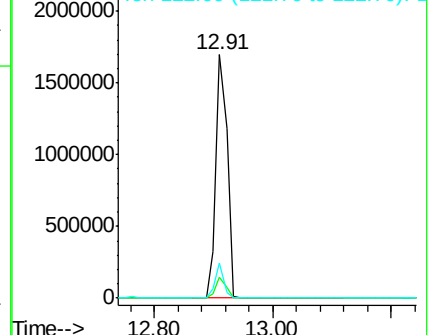
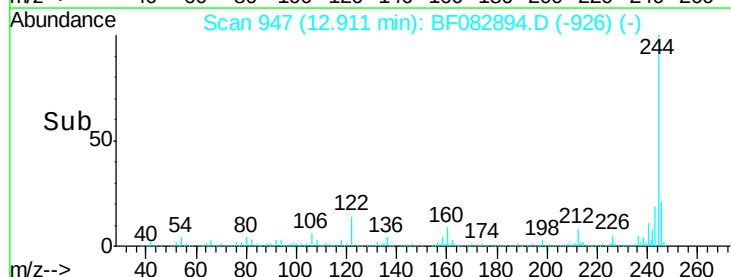
122 14.2 11.3 16.9

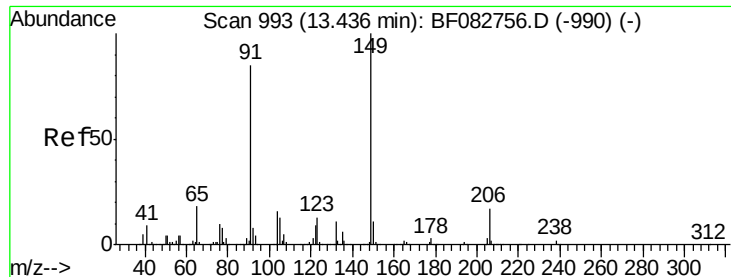


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

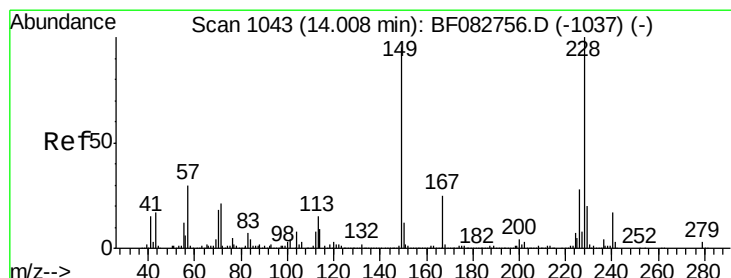
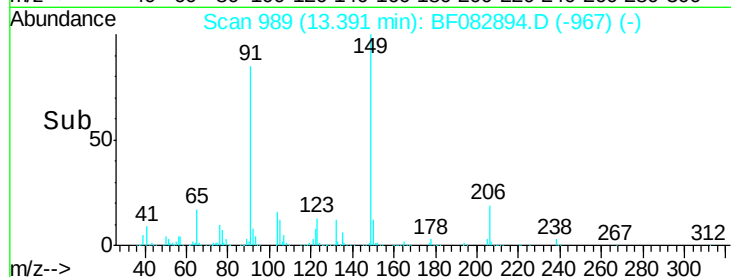
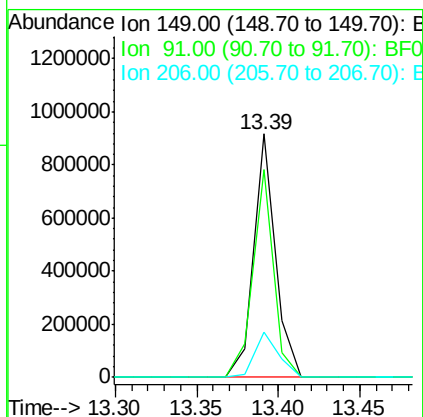
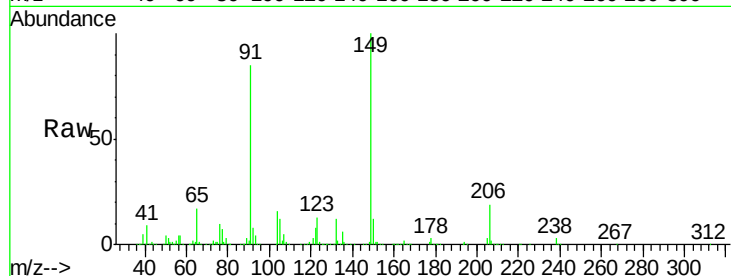




#79
Butylbenzylphthalate
Concen: 31.90 ng
RT: 13.39 min Scan# 989
Delta R.T. -0.05 min
Lab File: BF082894.D
Acq: 13 Nov 2015 13:39

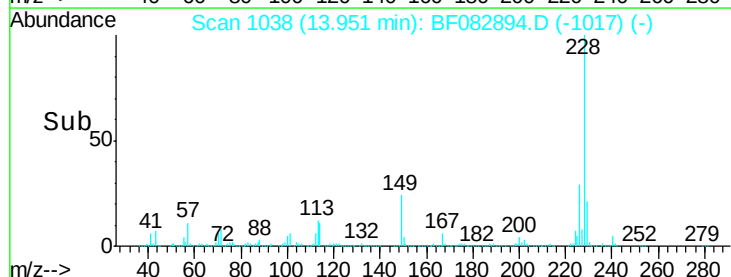
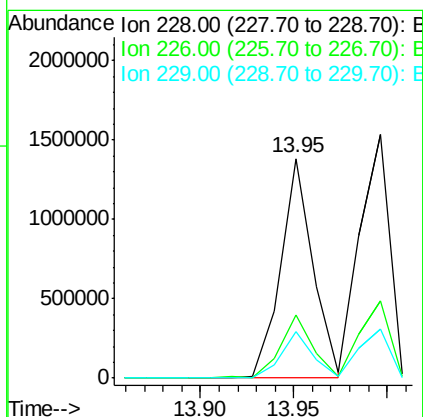
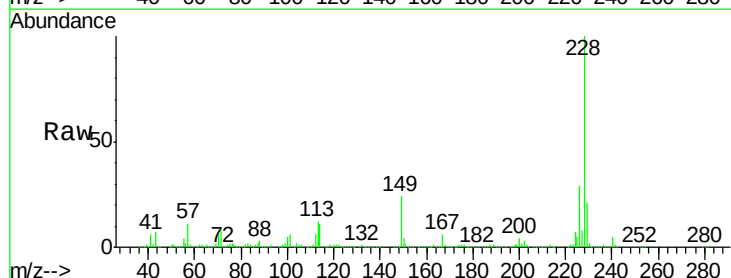
Instrument :
BNA_F
ClientSampleId :
PB86628BS

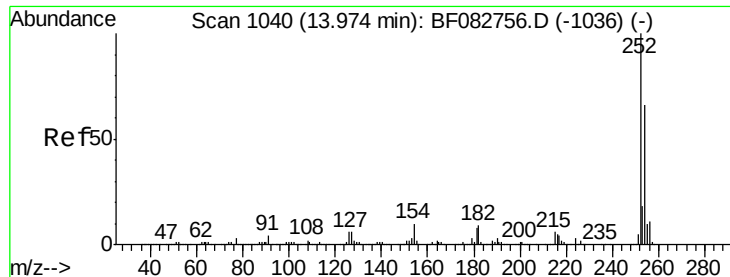
Tgt Ion:149 Resp: 850423
Ion Ratio Lower Upper
149 100
91 85.4 67.7 101.5
206 18.6 14.6 22.0



#80
Benzo(a)anthracene
Concen: 30.32 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.06 min
Lab File: BF082894.D
Acq: 13 Nov 2015 13:39

Tgt Ion:228 Resp: 1666330
Ion Ratio Lower Upper
228 100
226 29.0 23.4 35.2
229 21.2 16.3 24.5

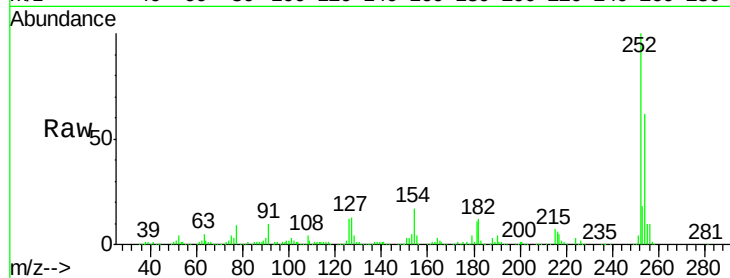




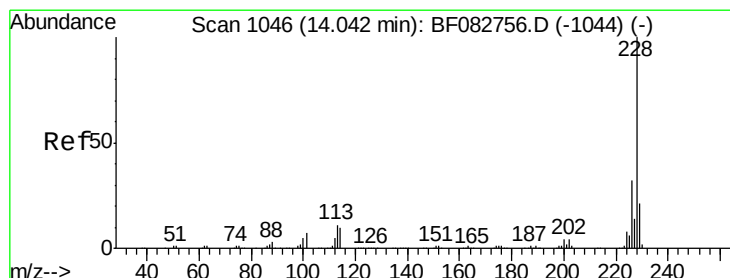
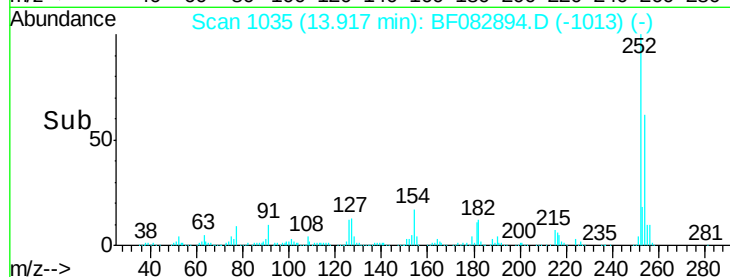
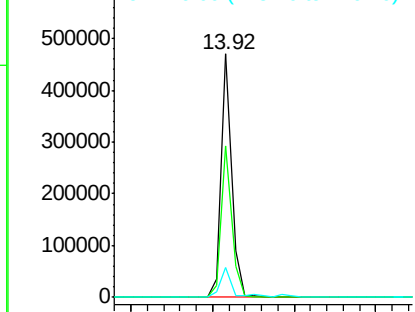
#81
 3,3'-Dichlorobenzidine
 Concen: 21.33 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.05 min
 Lab File: BF082894.D
 Acq: 13 Nov 2015 13:39

Instrument :
 BNA_F
 ClientSampleId :
 PB86628BS

Tgt Ion: 252 Resp: 416826
 Ion Ratio Lower Upper
 252 100
 254 62.0 51.4 77.0
 126 12.5 10.7 16.1

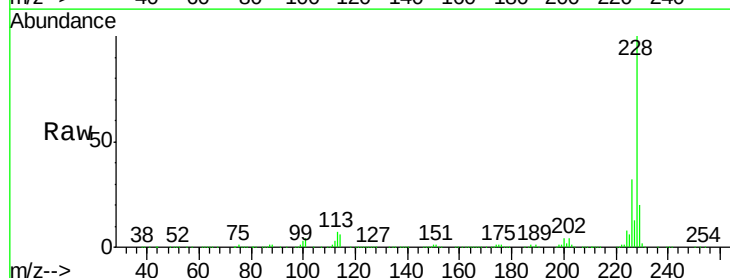


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

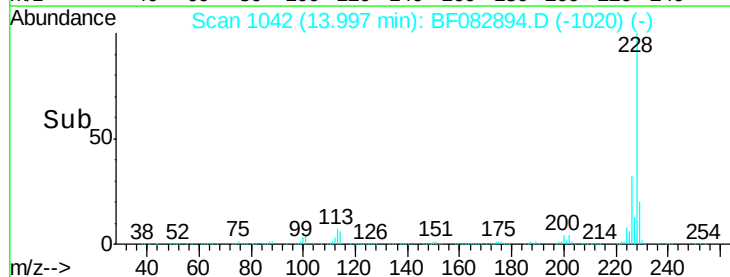
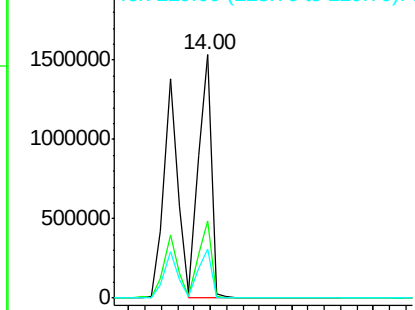


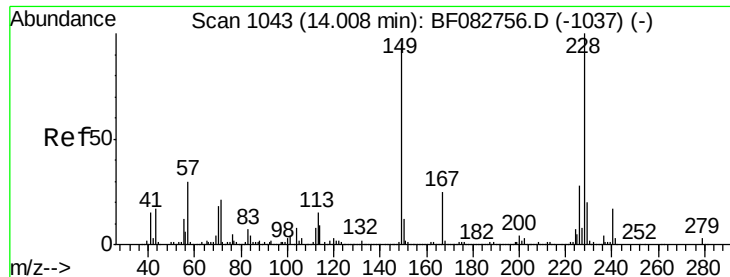
#82
 Chrysene
 Concen: 33.97 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.05 min
 Lab File: BF082894.D
 Acq: 13 Nov 2015 13:39

Tgt Ion: 228 Resp: 1709874
 Ion Ratio Lower Upper
 228 100
 226 31.7 25.5 38.3
 229 20.1 16.3 24.5



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 32.79 ng

RT: 13.96 min Scan# 1039

Delta R.T. -0.05 min

Lab File: BF082894.D

Acq: 13 Nov 2015 13:39

Instrument :

BNA_F

ClientSampleId :

PB86628BS

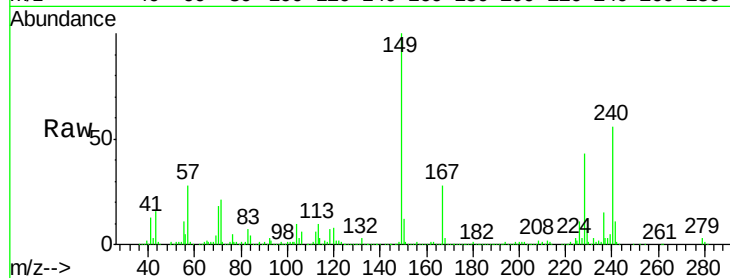
Tgt Ion:149 Resp: 1196589

Ion Ratio Lower Upper

149 100

167 28.2 21.2 31.8

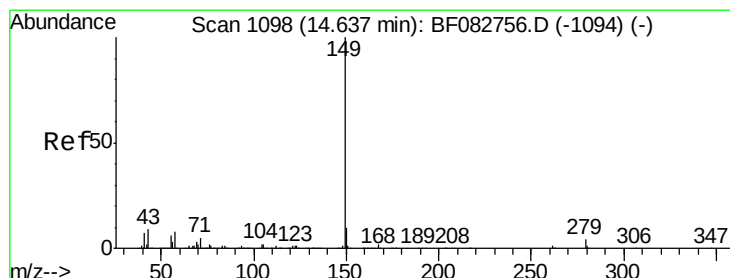
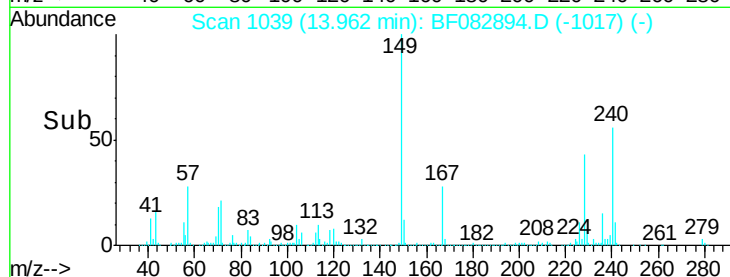
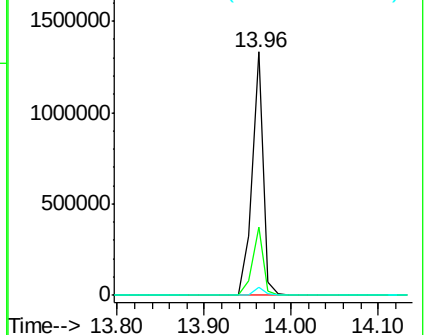
279 3.2 2.2 3.2



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: 34.28 ng

RT: 14.58 min Scan# 1093

Delta R.T. -0.06 min

Lab File: BF082894.D

Acq: 13 Nov 2015 13:39

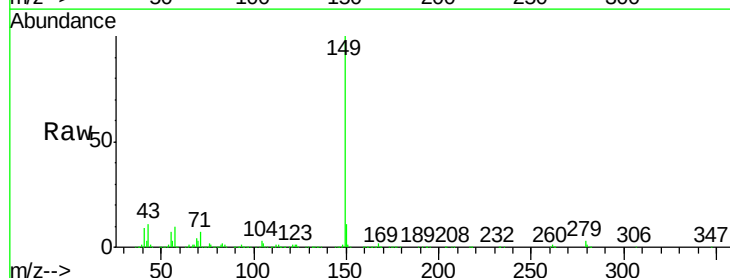
Tgt Ion:149 Resp: 2086447

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

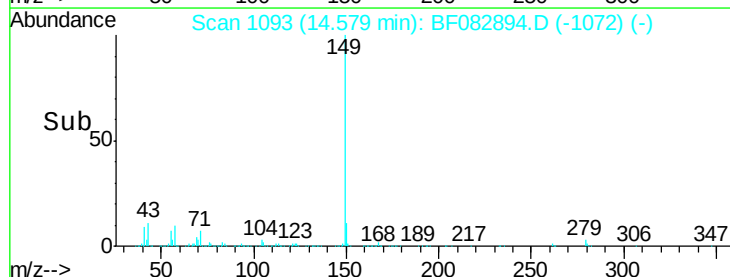
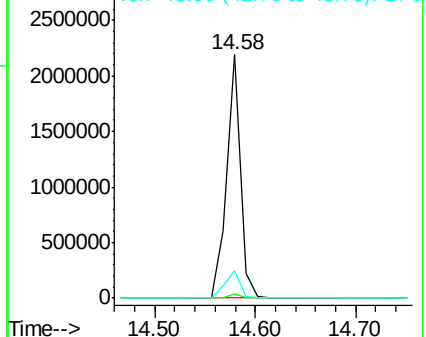
43 12.1 10.1 15.1

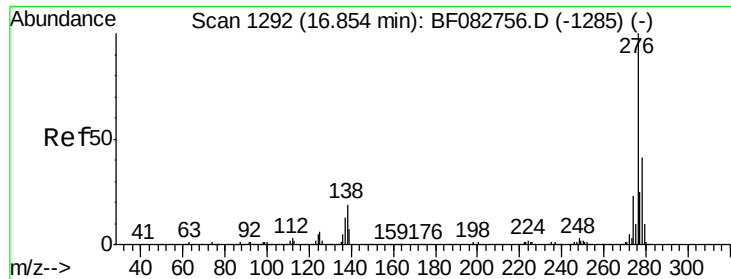


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 36.47 ng

RT: 16.76 min Scan# 1284

Delta R.T. -0.09 min

Lab File: BF082894.D

Acq: 13 Nov 2015 13:39

Instrument :

BNA_F

ClientSampleId :

PB86628BS

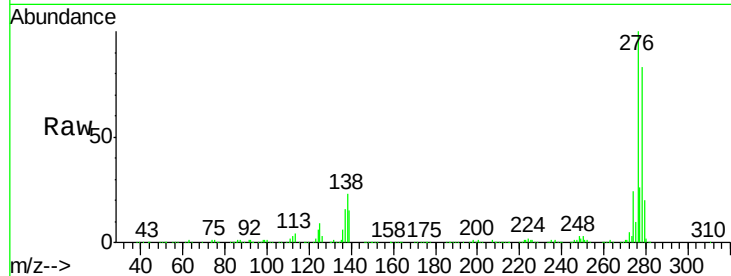
Tgt Ion:276 Resp: 1581101

Ion Ratio Lower Upper

276 100

138 23.7 15.3 22.9#

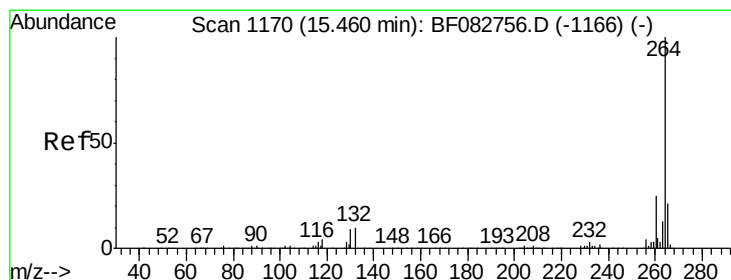
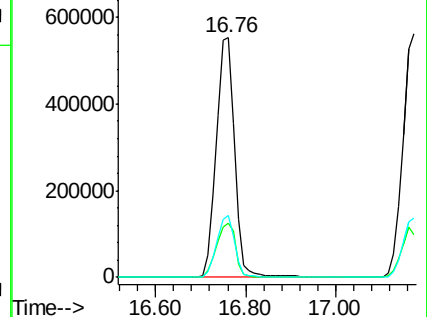
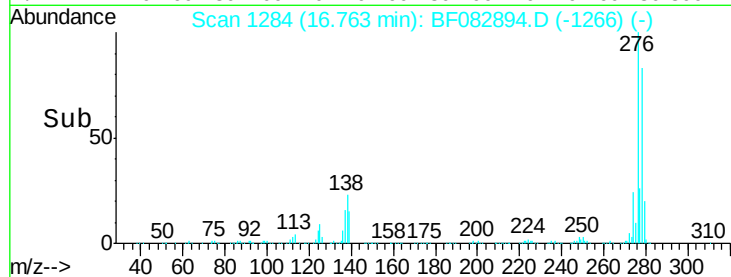
277 25.2 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.39 min Scan# 1164

Delta R.T. -0.07 min

Lab File: BF082894.D

Acq: 13 Nov 2015 13:39

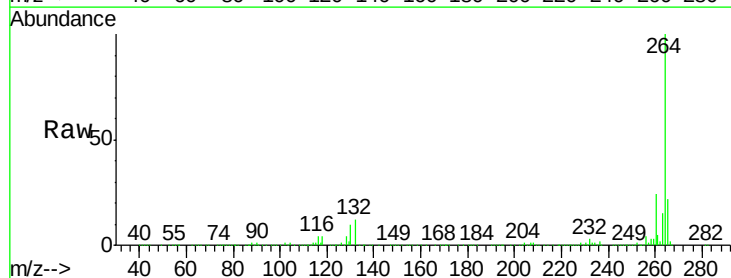
Tgt Ion:264 Resp: 954872

Ion Ratio Lower Upper

264 100

260 23.9 19.8 29.6

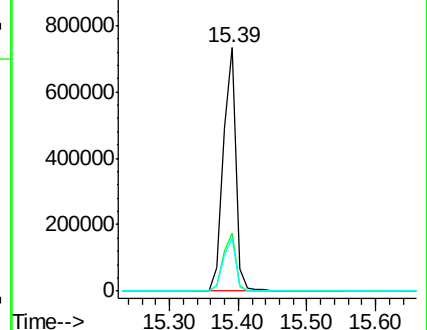
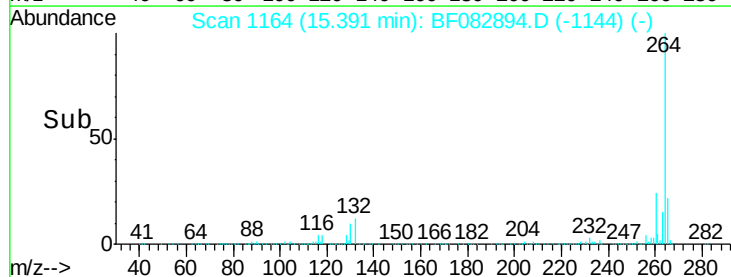
265 21.8 17.4 26.0

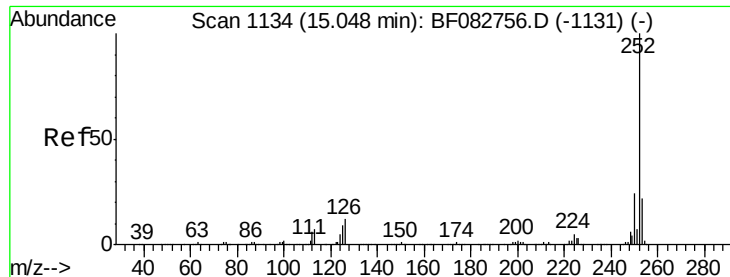


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

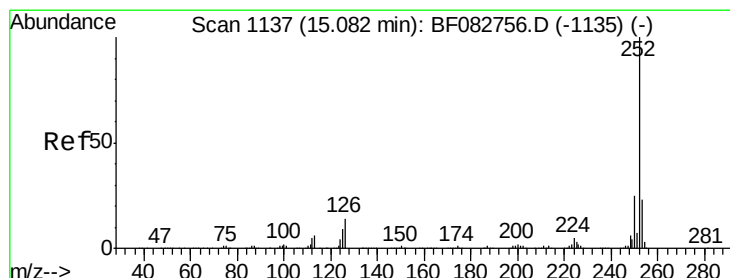
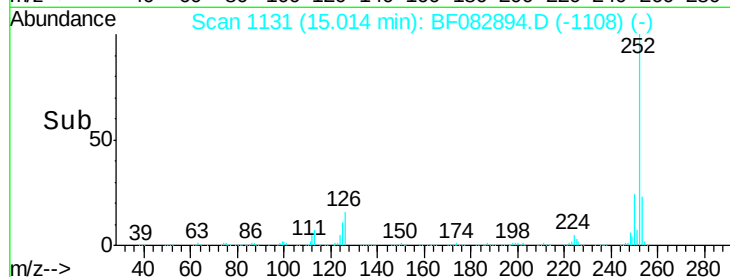
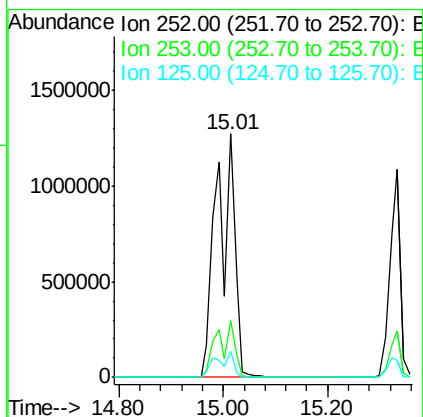
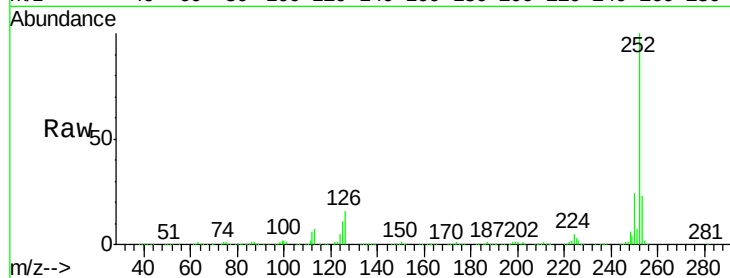




#87
Benzo(b)fluoranthene
Concen: 49.61 ng
RT: 15.01 min Scan# 1131
Delta R.T. -0.03 min
Lab File: BF082894.D
Acq: 13 Nov 2015 13:39

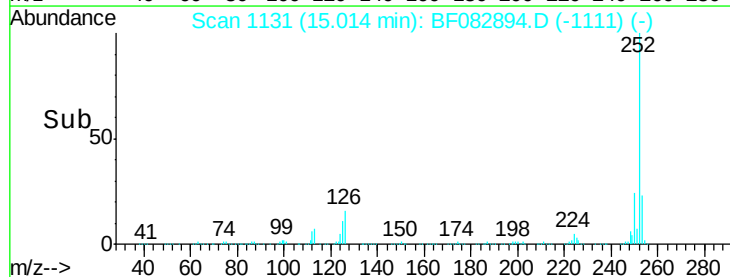
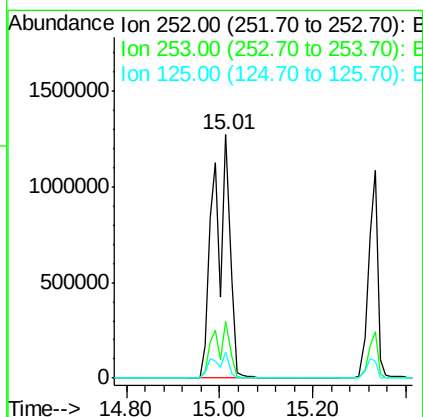
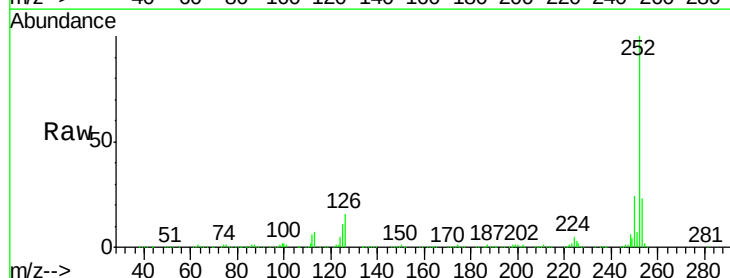
Instrument :
BNA_F
ClientSampleId :
PB86628BS

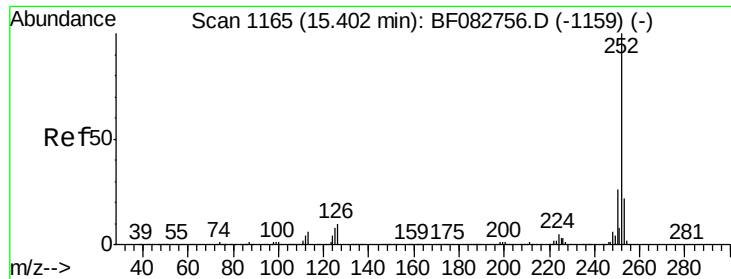
Tgt Ion:252 Resp: 3040459
Ion Ratio Lower Upper
252 100
253 23.0 17.8 26.8
125 10.9 5.4 8.2#



#88
Benzo(k)fluoranthene
Concen: 55.95 ng
RT: 15.01 min Scan# 1131
Delta R.T. -0.07 min
Lab File: BF082894.D
Acq: 13 Nov 2015 13:39

Tgt Ion:252 Resp: 3042142
Ion Ratio Lower Upper
252 100
253 23.0 17.9 26.9
125 10.9 3.5 5.3#





#89

Benzo(a)pyrene

Concen: 28.50 ng

RT: 15.33 min Scan# 1159

Delta R.T. -0.07 min

Lab File: BF082894.D

Acq: 13 Nov 2015 13:39

Instrument :

BNA_F

ClientSampleId :

PB86628BS

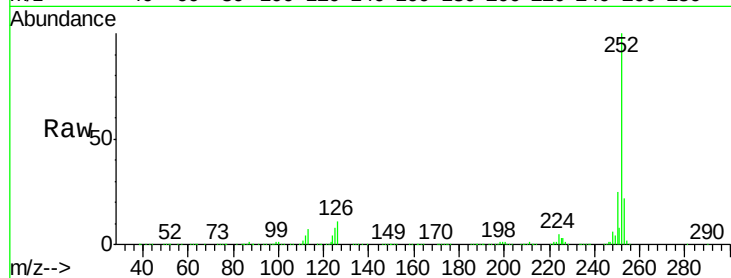
Tgt Ion:252 Resp: 1513489

Ion Ratio Lower Upper

252 100

253 22.3 17.3 25.9

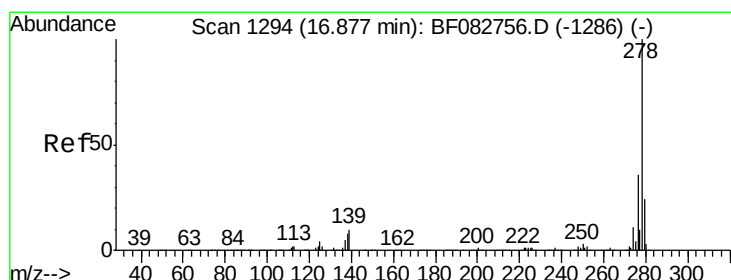
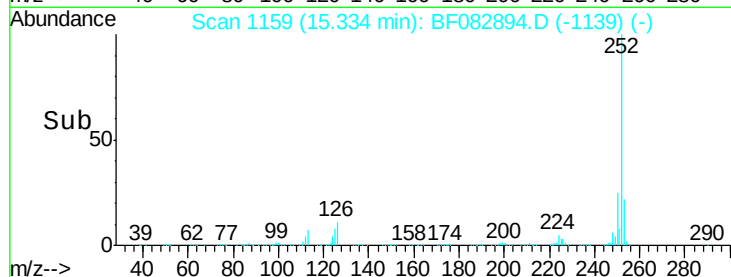
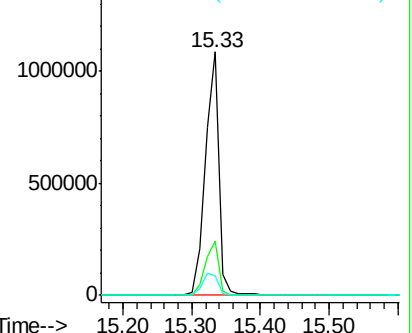
125 8.2 7.1 10.7



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: 29.12 ng

RT: 16.77 min Scan# 1285

Delta R.T. -0.09 min

Lab File: BF082894.D

Acq: 13 Nov 2015 13:39

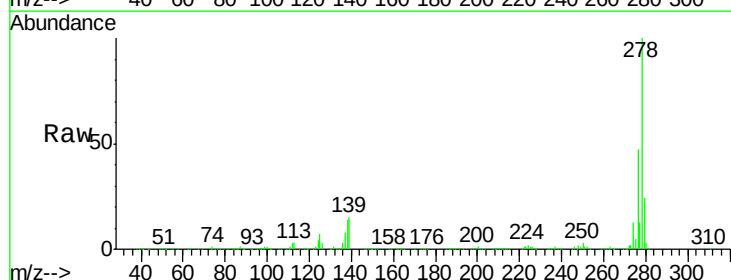
Tgt Ion:278 Resp: 1309579

Ion Ratio Lower Upper

278 100

139 15.1 9.9 14.9#

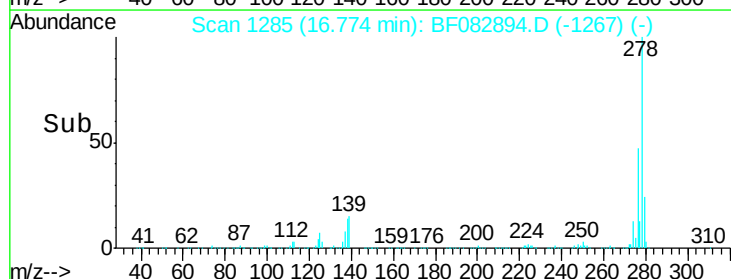
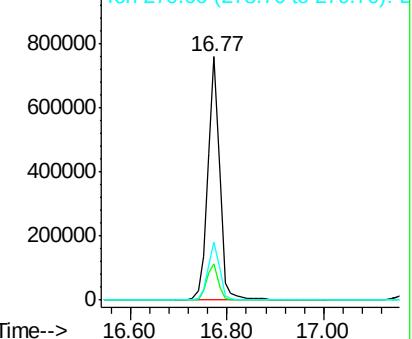
279 24.1 19.6 29.4

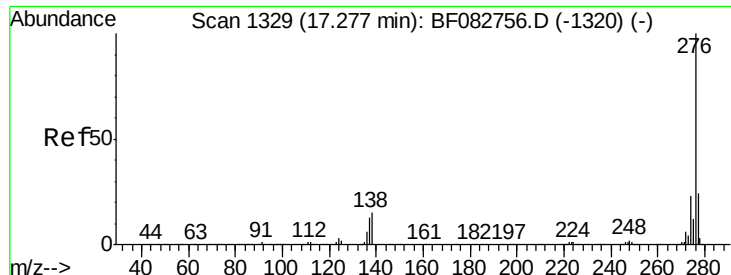


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 29.71 ng

RT: 17.17 min Scan# 1320

Delta R.T. -0.09 min

Lab File: BF082894.D

Acq: 13 Nov 2015 13:39

Instrument :

BNA_F

ClientSampleId :

PB86628BS

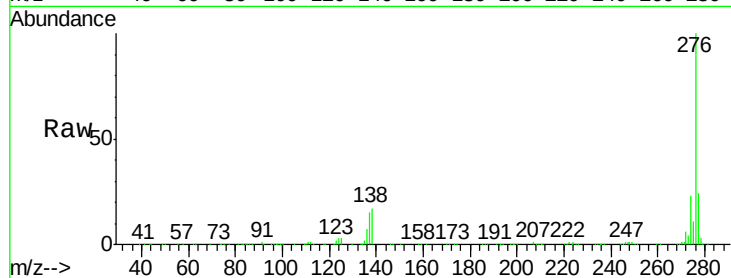
Tgt Ion:276 Resp: 1279580

Ion Ratio Lower Upper

276 100

277 24.3 19.2 28.8

138 17.4 13.1 19.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

