

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012216\
 Data File : BF084586.D
 Acq On : 22 Jan 2016 13:45
 Operator : SJ/IZ
 Sample : PB87895BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87895BS

Quant Time: Jan 22 21:59:46 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 14 14:15:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	192514	20.00	ng	-0.08
21) Naphthalene-d8	8.03	136	833953	20.00	ng	-0.09
38) Acenaphthene-d10	9.79	164	419969	20.00	ng	-0.08
63) Phenanthrene-d10	11.26	188	760054	20.00	ng	-0.09
75) Chrysene-d12	13.91	240	577217	20.00	ng	-0.09
86) Perylene-d12	15.30	264	468522	20.00	ng	-0.11

System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1023826	86.02	ng	-0.08
7) Phenol-d6	6.40	99	1284134	85.91	ng	-0.08
23) Nitrobenzene-d5	7.31	82	1141520	76.18	ng	-0.09
41) 2,4,6-Tribromophenol	10.58	330	339160	79.99	ng	-0.09
44) 2-Fluorobiphenyl	9.12	172	1983244	82.92	ng	-0.08
78) Terphenyl-d14	12.85	244	1864266	72.09	ng	-0.09

Target Compounds						Qvalue
2) 1,4-Dioxane	2.36	88	197025	34.94	ng	# 75
3) Pyridine	3.04	79	385470	24.52	ng	# 64
4) n-Nitrosodimethylamine	2.99	42	226420	28.06	ng	# 70
6) Aniline	6.41	93	286128	13.08	ng	# 1
8) 2-Chlorophenol	6.53	128	570621	42.26	ng	98
9) Benzaldehyde	6.29	77	47257	4.86	ng	86
10) Phenol	6.41	94	706344	41.56	ng	98
11) bis(2-Chloroethyl)ether	6.49	93	525749	39.93	ng	86
12) 1,3-Dichlorobenzene	6.92	146	503255	36.13	ng	98
13) 1,4-Dichlorobenzene	6.76	146	558935	40.01	ng	96
14) 1,2-Dichlorobenzene	6.92	146	503290	37.62	ng	95
15) Benzyl Alcohol	6.90	79	478763	38.07	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.04	45	838410	34.97	ng	86
17) 2-Methylphenol	7.01	107	429908	37.99	ng	95
18) Hexachloroethane	7.25	117	213327	38.19	ng	# 89
19) n-Nitroso-di-n-propylamine	7.17	70	389385	38.48	ng	# 81
20) 3+4-Methylphenols	7.17	107	553902	41.64	ng	# 85
22) Acetophenone	7.16	105	732661	36.54	ng	# 97
24) Nitrobenzene	7.33	77	561427	36.94	ng	98
25) Isophorone	7.57	82	1013938	35.38	ng	98
26) 2-Nitrophenol	7.65	139	308186	44.56	ng	# 91
27) 2,4-Dimethylphenol	7.70	122	515026	36.79	ng	94
28) bis(2-Chloroethoxy)methane	7.79	93	621023	35.48	ng	99
29) 2,4-Dichlorophenol	7.89	162	434146	37.23	ng	95
30) 1,2,4-Trichlorobenzene	7.97	180	450045	37.38	ng	96
31) Naphthalene	8.05	128	1423978	37.64	ng	99
32) Benzoic acid	7.82	122	311256	36.31	ng	96
33) 4-Chloroaniline	8.11	127	137982	7.95	ng	93
34) Hexachlorobutadiene	8.18	225	277035	40.03	ng	99
35) Caprolactam	8.49	113	108352	27.56	ng	# 77
36) 4-Chloro-3-methylphenol	8.60	107	490749	37.57	ng	96
37) 2-Methylnaphthalene	8.75	142	1095005	40.32	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	401111	33.22	ng	98
40) Hexachlorocyclopentadiene	8.90	237	443321	60.83	ng	98

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Quant Time: Jan 22 21:59:46 2016
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 14 14:15:52 2016
 Response via : Initial Calibration

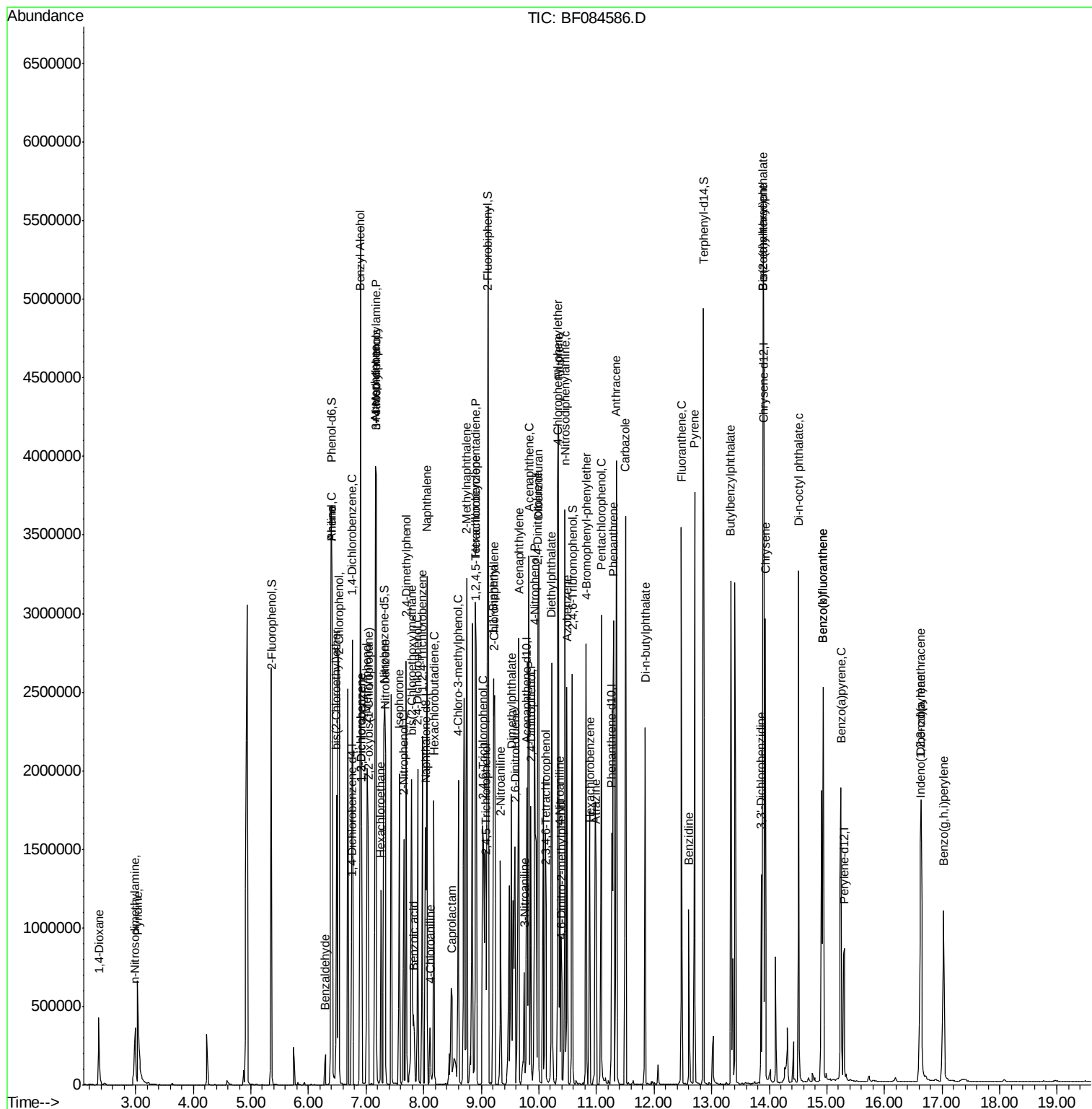
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	310279	34.35	ng	93
43) 2,4,5-Trichlorophenol	9.08	196	332675	38.42	ng	94
45) 1,1'-Biphenyl	9.21	154	1205240	36.11	ng	99
46) 2-Chloronaphthalene	9.23	162	915133	34.91	ng	97
47) 2-Nitroaniline	9.33	65	291332	33.67	ng	98
48) Acenaphthylene	9.65	152	1512670	39.05	ng	98
49) Dimethylphthalate	9.53	163	1169499	38.95	ng	# 91
50) 2,6-Dinitrotoluene	9.58	165	272134	41.33	ng	94
51) Acenaphthene	9.82	154	1027192	39.53	ng	97
52) 3-Nitroaniline	9.74	138	103567	12.69	ng	92
53) 2,4-Dinitrophenol	9.86	184	260102	92.16	ng	92
54) Dibenzofuran	10.00	168	1328139	39.08	ng	93
55) 4-Nitrophenol	9.93	139	385112	65.02	ng	# 80
56) 2,4-Dinitrotoluene	9.98	165	322472	38.69	ng	# 85
57) Fluorene	10.34	166	1076129	41.15	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.12	232	257704	34.86	ng	92
59) Diethylphthalate	10.22	149	1169591	39.51	ng	98
60) 4-Chlorophenyl-phenylether	10.33	204	436562	38.65	ng	# 87
61) 4-Nitroaniline	10.36	138	231552	31.83	ng	93
62) Azobenzene	10.49	77	1158383	35.68	ng	87
64) 4,6-Dinitro-2-methylphenol	10.40	198	177089	38.15	ng	75
65) n-Nitrosodiphenylamine	10.45	169	935306	38.49	ng	98
66) 4-Bromophenyl-phenylether	10.82	248	302867	37.02	ng	# 81
67) Hexachlorobenzene	10.89	284	344525	37.42	ng	# 84
68) Atrazine	10.99	200	319403	40.16	ng	93
69) Pentachlorophenol	11.08	266	347639	72.82	ng	98
70) Phenanthrene	11.30	178	1636920	41.17	ng	99
71) Anthracene	11.34	178	1476886	37.90	ng	98
72) Carbazole	11.50	167	1382354	36.28	ng	99
73) Di-n-butylphthalate	11.85	149	1744746	42.46	ng	99
74) Fluoranthene	12.48	202	1496397	36.03	ng	99
76) Benzidine	12.60	184	436028	21.07	ng	98
77) Pyrene	12.71	202	1540206	34.00	ng	98
79) Butylbenzylphthalate	13.33	149	699610	35.69	ng	91
80) Benzo(a)anthracene	13.89	228	1310597	38.67	ng	99
81) 3,3'-Dichlorobenzidine	13.86	252	248278	20.99	ng	# 95
82) Chrysene	13.93	228	1064091	32.67	ng	99
83) Bis(2-ethylhexyl)phthalate	13.89	149	901898	36.42	ng	99
84) Di-n-octyl phthalate	14.51	149	1532528	36.66	ng	# 90
85) Indeno(1,2,3-cd)pyrene	16.63	276	1040708	40.31	ng	99
87) Benzo(b)fluoranthene	14.93	252	2087931	68.13	ng	# 98
88) Benzo(k)fluoranthene	14.93	252	2088329	83.31	ng	98
89) Benzo(a)pyrene	15.24	252	997951	38.39	ng	100
90) Dibenzo(a,h)anthracene	16.64	278	874505	39.09	ng	97
91) Benzo(g,h,i)perylene	17.03	276	890058	38.42	ng	99

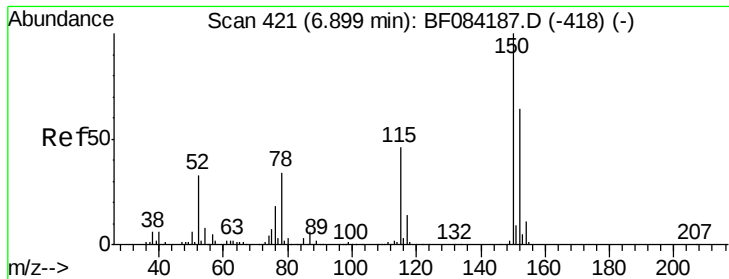
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial  : 4      Sample Multiplier: 1
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.08 min

Lab File: BF084586.D

Acq: 22 Jan 2016 13:45

Instrument :

BNA_F

ClientSampleId :

PB87895BS

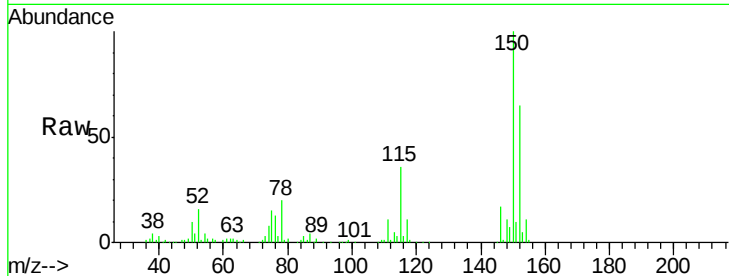
Tgt Ion:152 Resp: 192514

Ion Ratio Lower Upper

152 100

150 153.8 123.0 184.4

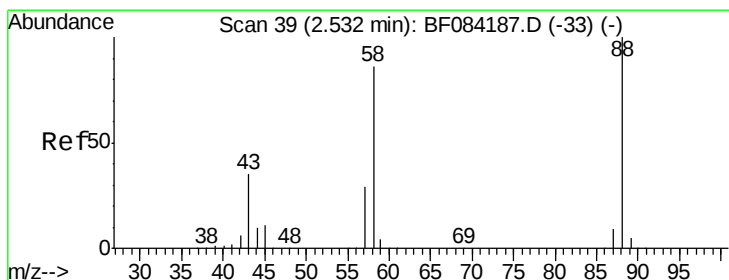
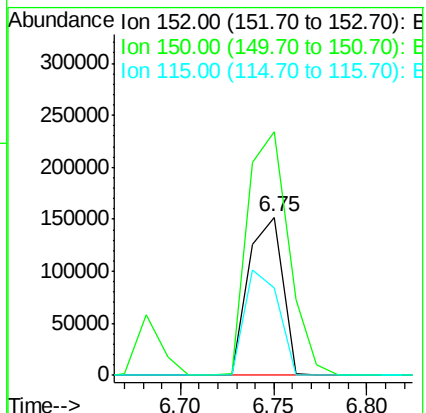
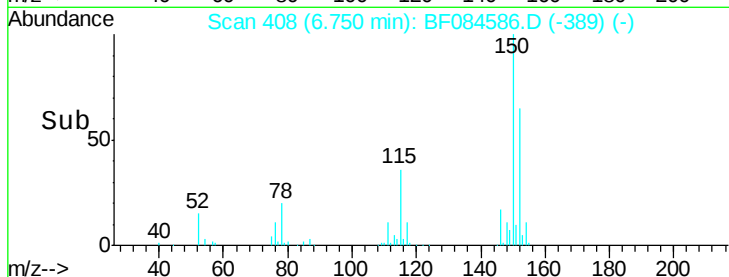
115 55.3 51.4 77.2



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: 34.94 ng

RT: 2.36 min Scan# 24

Delta R.T. -0.03 min

Lab File: BF084586.D

Acq: 22 Jan 2016 13:45

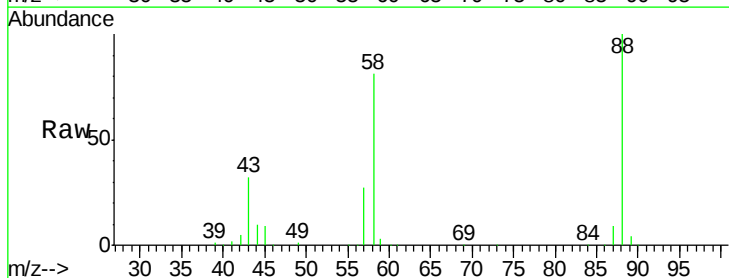
Tgt Ion: 88 Resp: 197025

Ion Ratio Lower Upper

88 100

58 85.5 51.2 76.8#

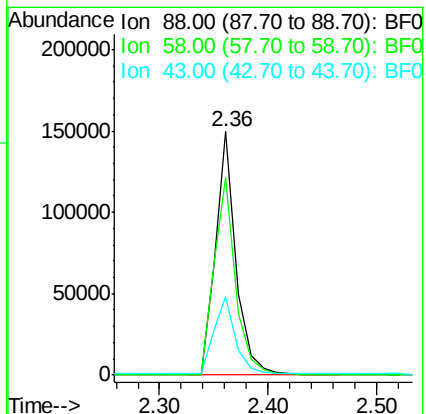
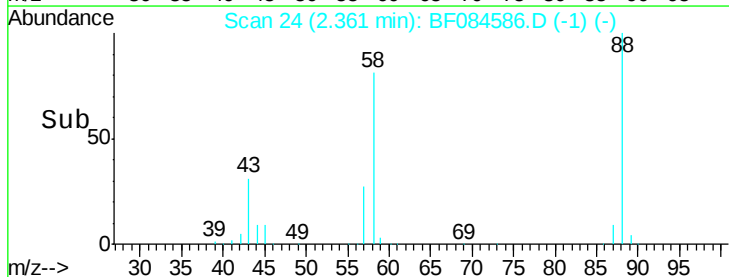
43 33.2 19.5 29.3#

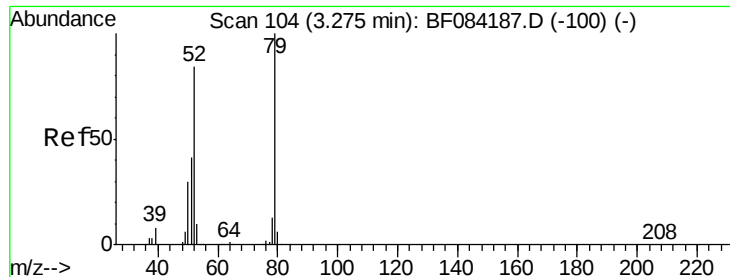


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 24.52 ng

RT: 3.04 min Scan# 83

Delta R.T. -0.09 min

Lab File: BF084586.D

Acq: 22 Jan 2016 13:45

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BNA_F

ClientSampleId :

PB87895BS

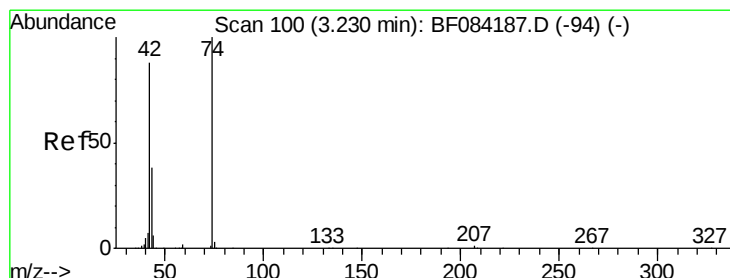
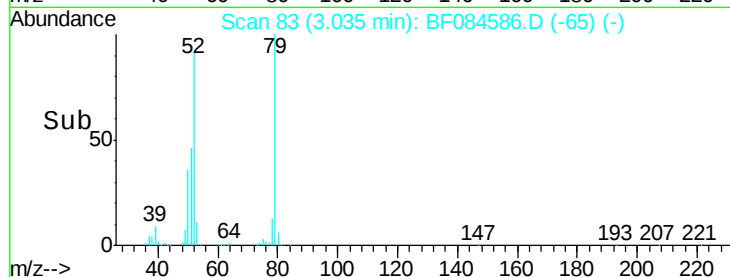
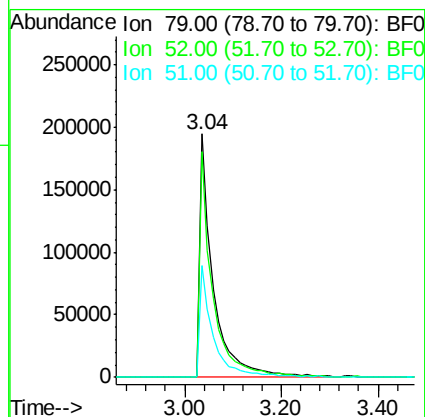
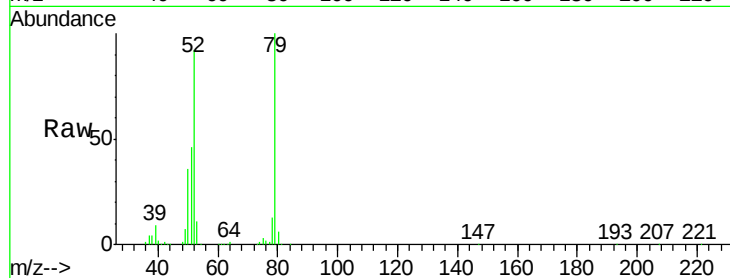
Tgt Ion: 79 Resp: 385470

Ion Ratio Lower Upper

79 100

52 92.5 49.0 73.4#

51 46.1 25.2 37.8#



#4

n-Nitrosodimethylamine

Concen: 28.06 ng

RT: 2.99 min Scan# 79

Delta R.T. -0.08 min

Lab File: BF084586.D

Acq: 22 Jan 2016 13:45

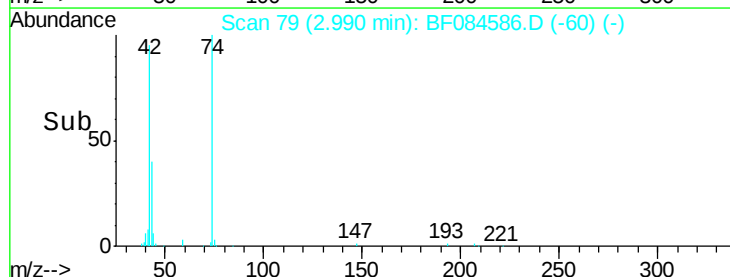
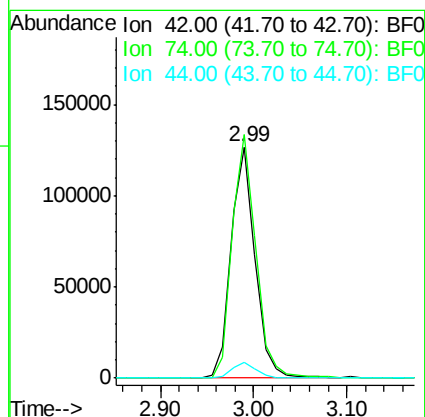
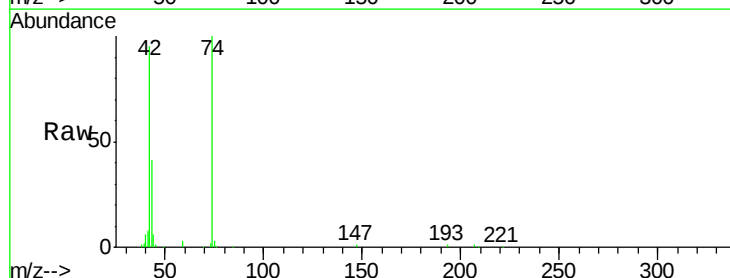
Tgt Ion: 42 Resp: 226420

Ion Ratio Lower Upper

42 100

74 105.2 115.7 173.5#

44 6.6 5.1 7.7





#5

2-Fluorophenol

Concen: 86.02 ng

RT: 5.36 min Scan# 286

Delta R.T. -0.08 min

Lab File: BF084586.D

Acq: 22 Jan 2016 13:45

Instrument :

BNA_F

ClientSampleId :

PB87895BS

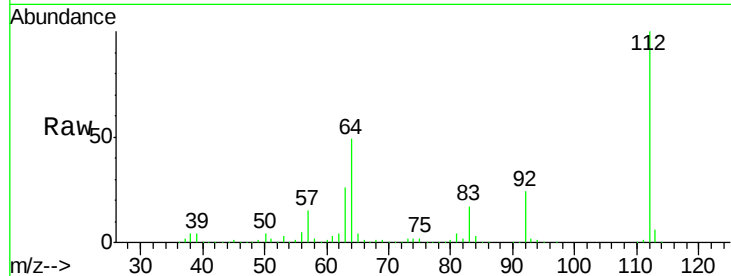
Tgt Ion: 112 Resp: 1023826

Ion Ratio Lower Upper

112 100

64 49.2 36.6 55.0

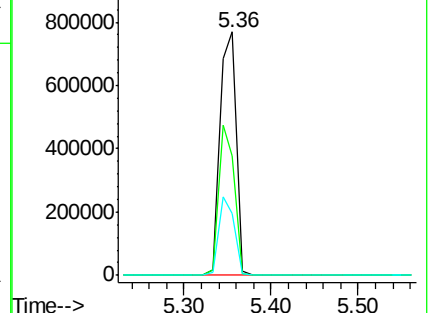
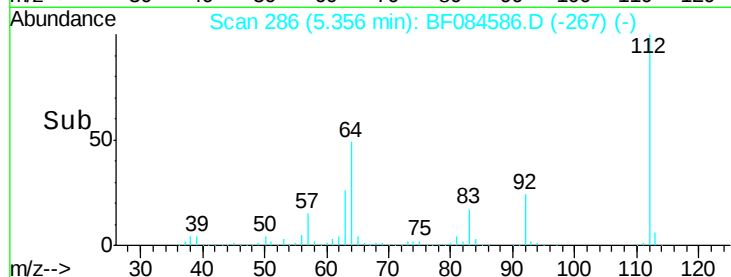
63 25.7 19.4 29.0



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: 13.08 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.09 min

Lab File: BF084586.D

Acq: 22 Jan 2016 13:45

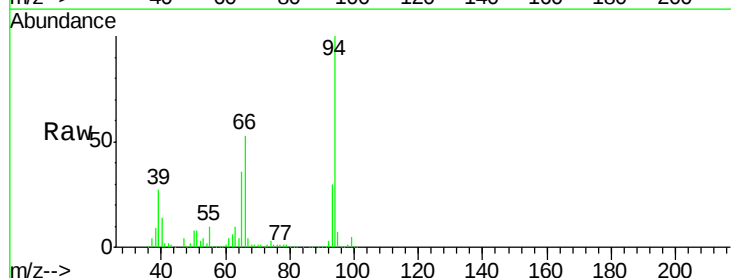
Tgt Ion: 93 Resp: 286128

Ion Ratio Lower Upper

93 100

66 175.4 44.9 67.3#

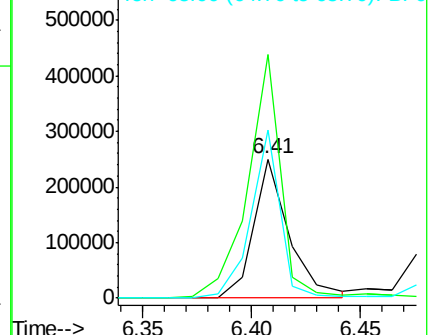
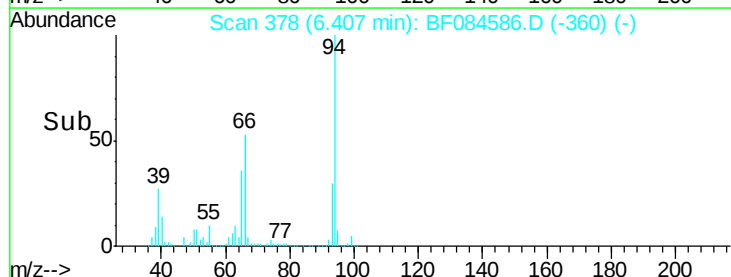
65 121.2 23.7 35.5#

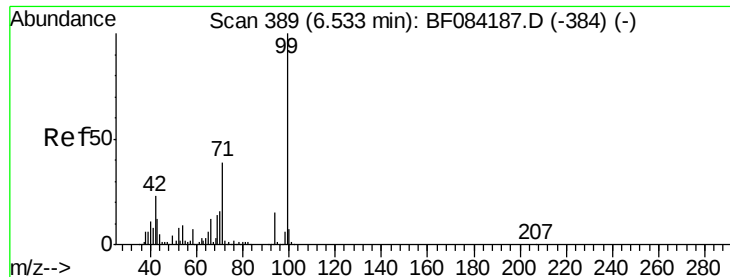


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 85.91 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.08 min

Lab File: BF084586.D

Acq: 22 Jan 2016 13:45

Instrument :

BNA_F

ClientSampled :

PB87895BS

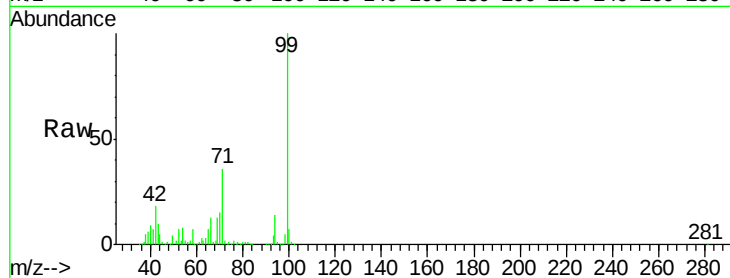
Tgt Ion: 99 Resp: 1284134

Ion Ratio Lower Upper

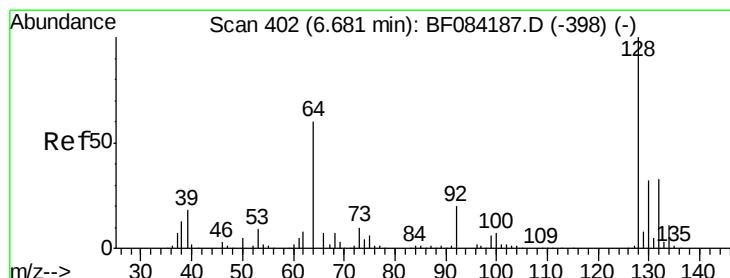
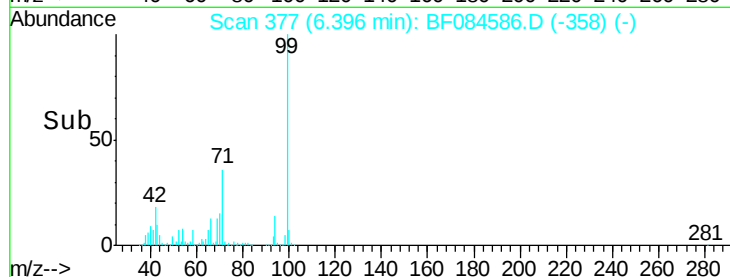
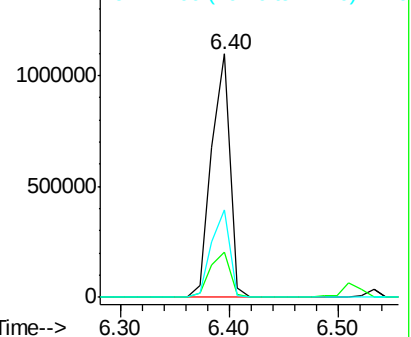
99 100

42 18.5 12.8 19.2

71 35.7 30.9 46.3



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: 42.26 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.09 min

Lab File: BF084586.D

Acq: 22 Jan 2016 13:45

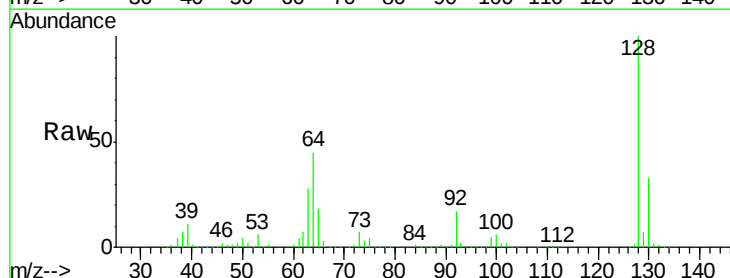
Tgt Ion: 128 Resp: 570621

Ion Ratio Lower Upper

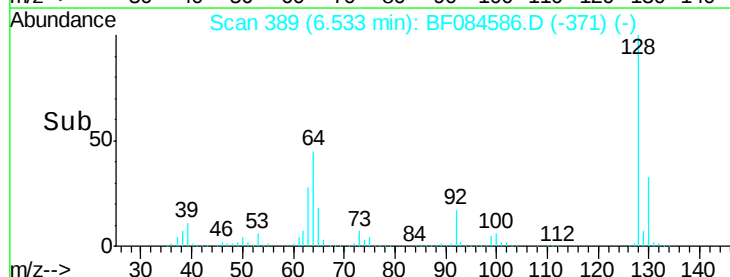
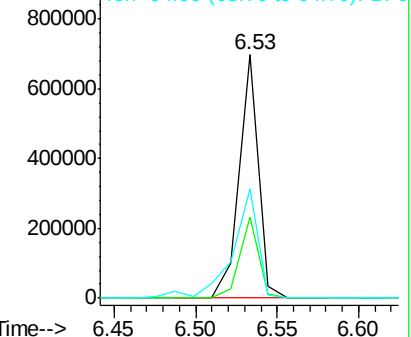
128 100

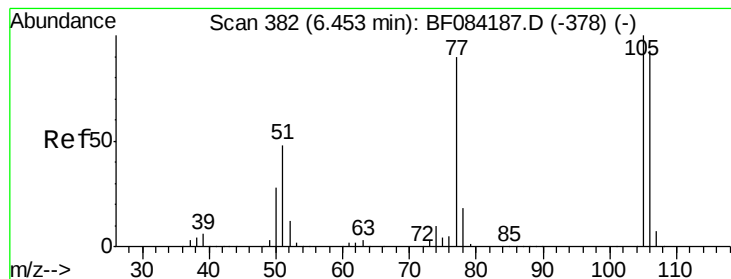
130 33.1 11.6 51.6

64 44.8 23.8 63.8



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: 4.86 ng

RT: 6.29 min Scan# 368

Delta R.T. -0.09 min

Lab File: BF084586.D

Acq: 22 Jan 2016 13:45

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BNA_F

ClientSampleId :

PB87895BS

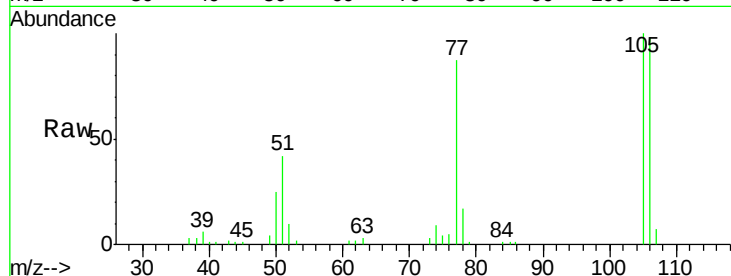
Tgt Ion: 77 Resp: 47257

Ion Ratio Lower Upper

77 100

105 114.4 83.0 123.0

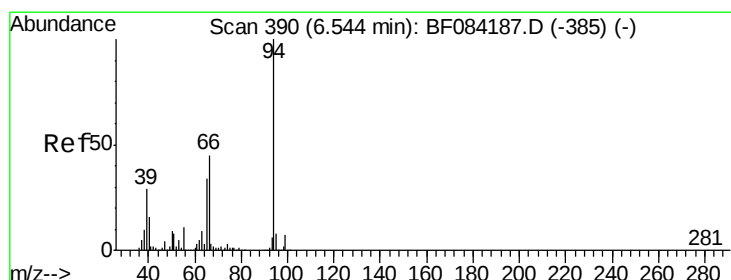
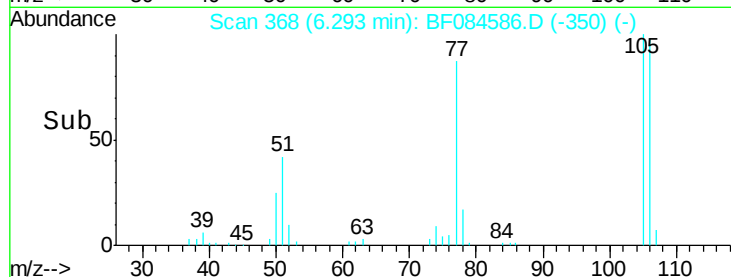
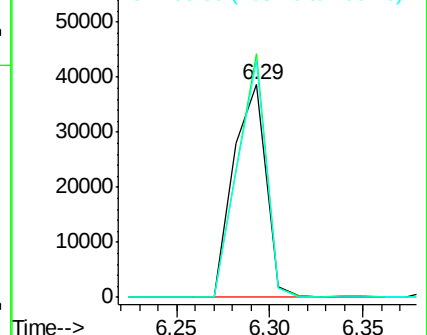
106 111.6 74.6 114.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 41.56 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.09 min

Lab File: BF084586.D

Acq: 22 Jan 2016 13:45

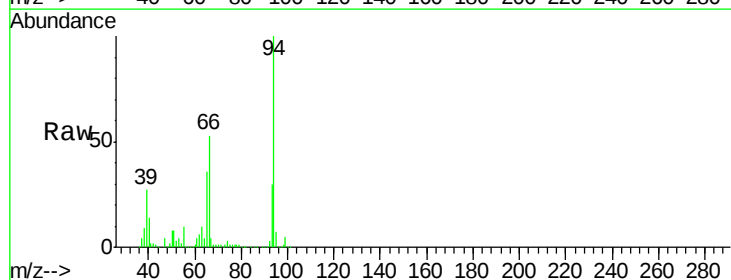
Tgt Ion: 94 Resp: 706344

Ion Ratio Lower Upper

94 100

65 36.3 12.9 52.9

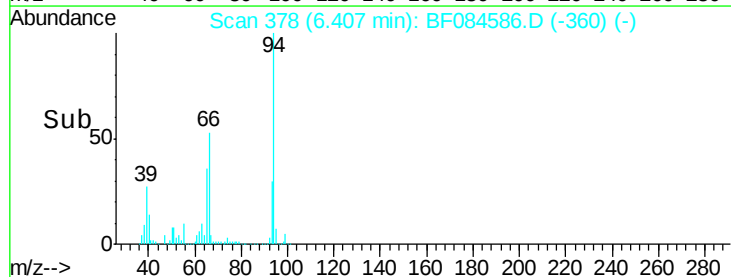
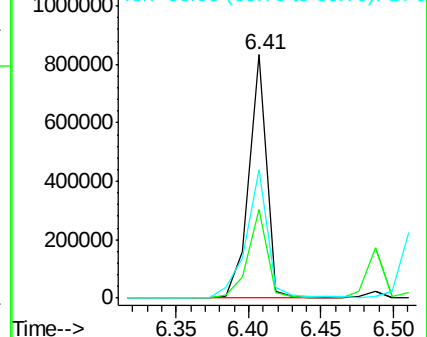
66 52.5 32.7 72.7



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 39.93 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.09 min

Lab File: BF084586.D

Acq: 22 Jan 2016 13:45

Instrument :

BNA_F

ClientSampleId :

PB87895BS

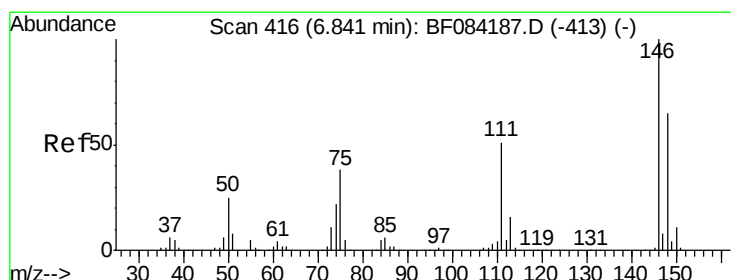
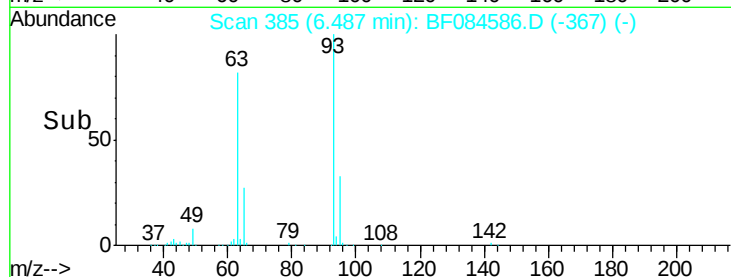
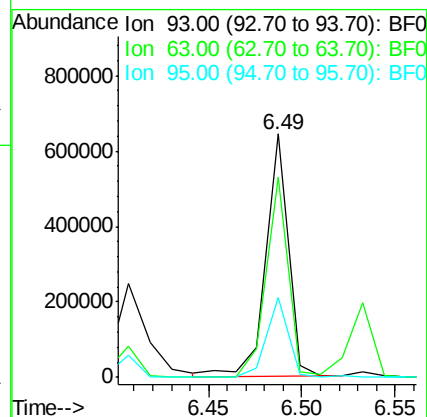
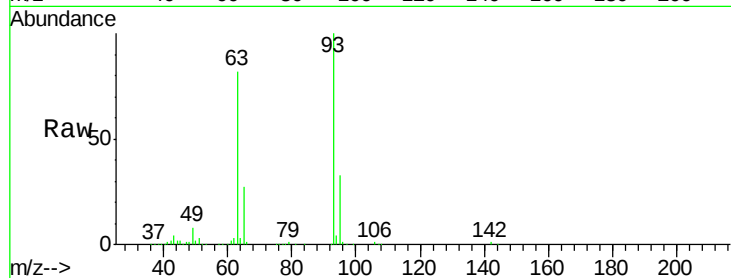
Tgt Ion: 93 Resp: 525749

Ion Ratio Lower Upper

93 100

63 82.4 45.9 85.9

95 32.9 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 36.13 ng

RT: 6.92 min Scan# 423

Delta R.T. 0.15 min

Lab File: BF084586.D

Acq: 22 Jan 2016 13:45

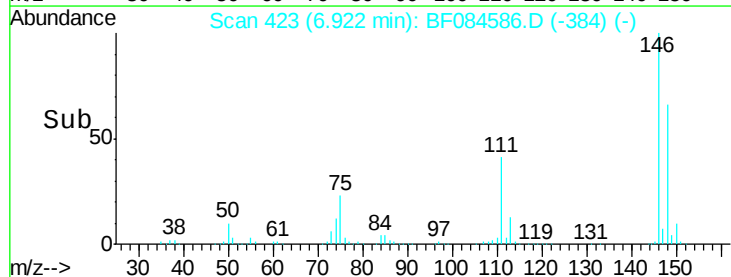
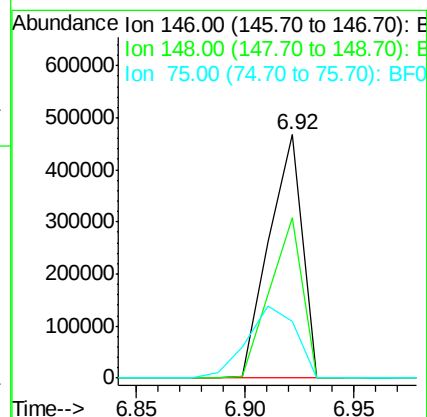
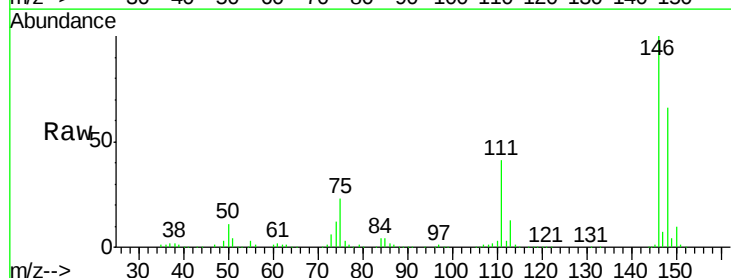
Tgt Ion: 146 Resp: 503255

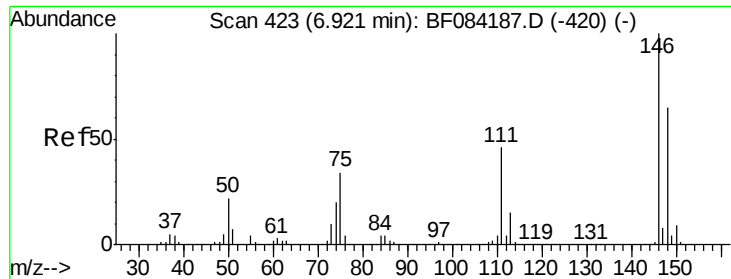
Ion Ratio Lower Upper

146 100

148 65.7 51.9 77.9

75 23.1 20.5 30.7

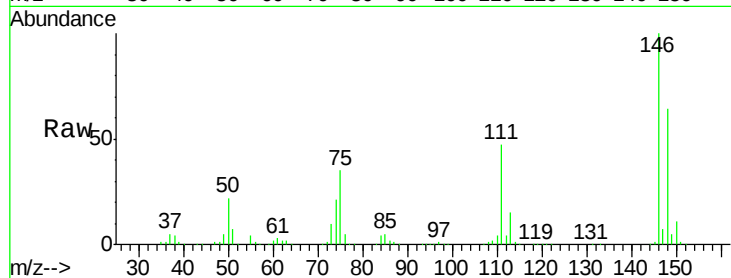




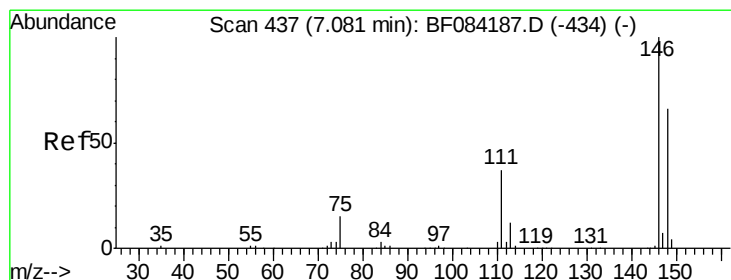
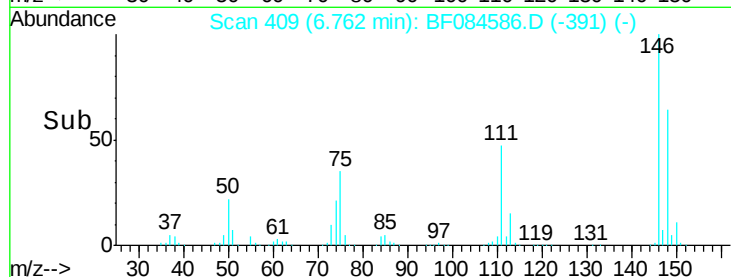
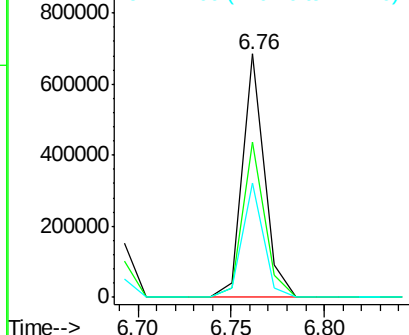
#13
 1,4-Dichlorobenzene
 Concen: 40.01 ng
 RT: 6.76 min Scan# 409
 Delta R.T. -0.09 min
 Lab File: BF084586.D
 Acq: 22 Jan 2016 13:45

Instrument :
 BNA_F
 ClientSampleId :
 PB87895BS

Tgt Ion:146 Resp: 558935
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.9 77.9
 111 46.9 41.6 62.4

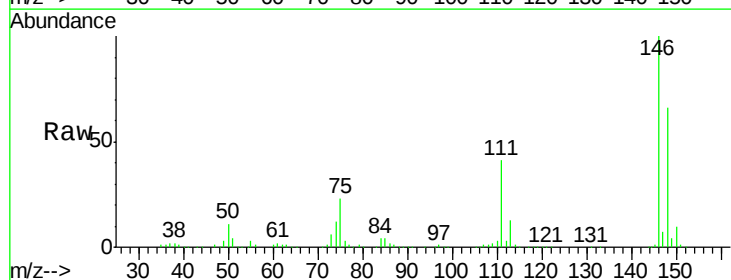


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

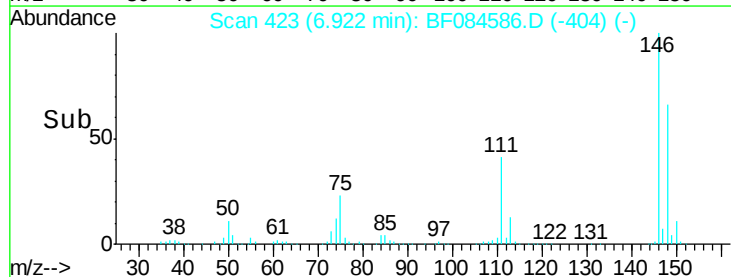
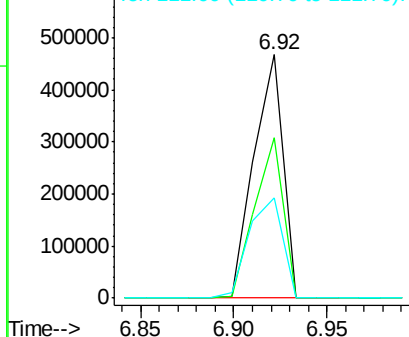


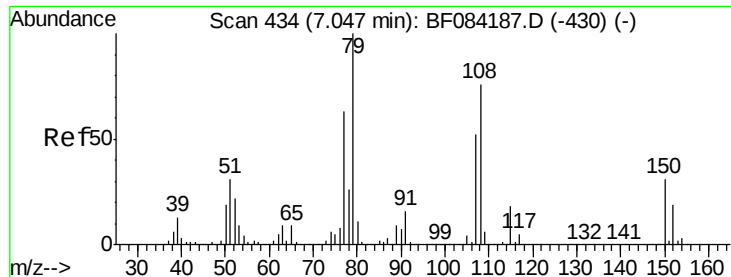
#14
 1,2-Dichlorobenzene
 Concen: 37.62 ng
 RT: 6.92 min Scan# 423
 Delta R.T. -0.08 min
 Lab File: BF084586.D
 Acq: 22 Jan 2016 13:45

Tgt Ion:146 Resp: 503290
 Ion Ratio Lower Upper
 146 100
 148 65.7 51.6 77.4
 111 41.0 38.0 57.0



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





#15

Benzyl Alcohol

Concen: 38.07 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.08 min

Lab File: BF084586.D

Acq: 22 Jan 2016 13:45

Instrument :

BNA_F

ClientSampleID :

PB87895BS

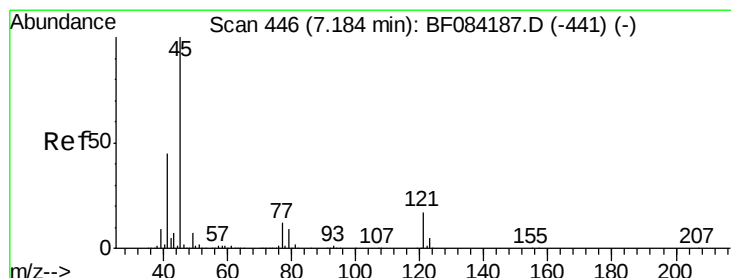
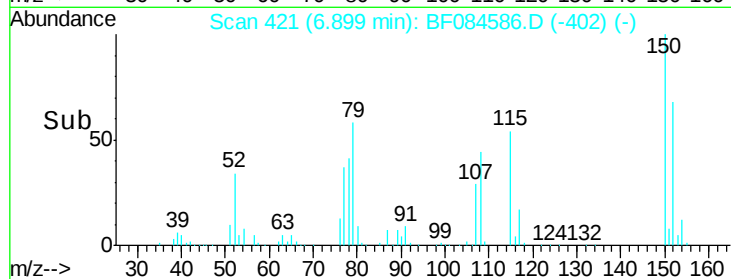
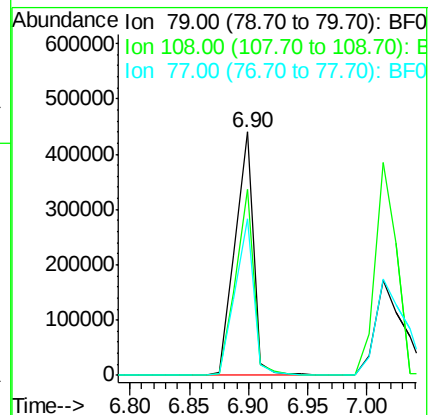
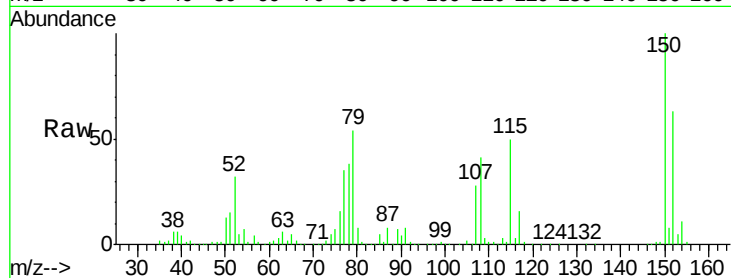
Tgt Ion: 79 Resp: 478763

Ion Ratio Lower Upper

79 100

108 76.2 69.0 103.4

77 64.1 50.0 75.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.97 ng

RT: 7.04 min Scan# 433

Delta R.T. -0.08 min

Lab File: BF084586.D

Acq: 22 Jan 2016 13:45

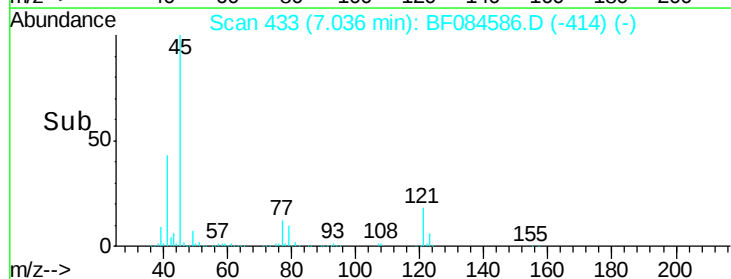
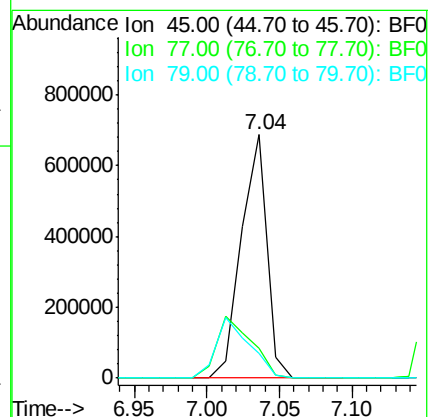
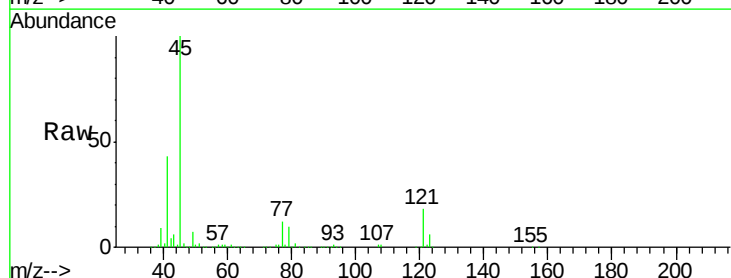
Tgt Ion: 45 Resp: 838410

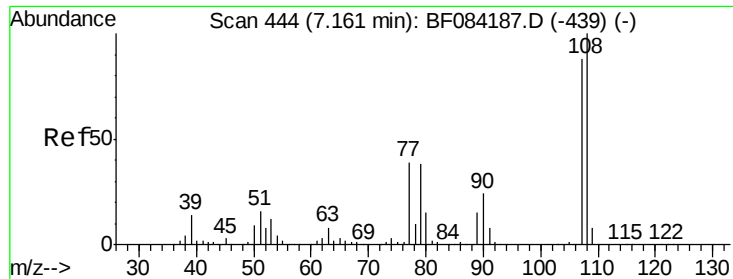
Ion Ratio Lower Upper

45 100

77 12.2 0.0 39.6

79 10.2 0.0 35.0





#17

2-Methylphenol

Concen: 37.99 ng

RT: 7.01 min Scan# 431

Delta R.T. -0.09 min

Lab File: BF084586.D

Acq: 22 Jan 2016 13:45

Instrument :

BNA_F

ClientSampleId :

PB87895BS

Tgt Ion:107 Resp: 429908

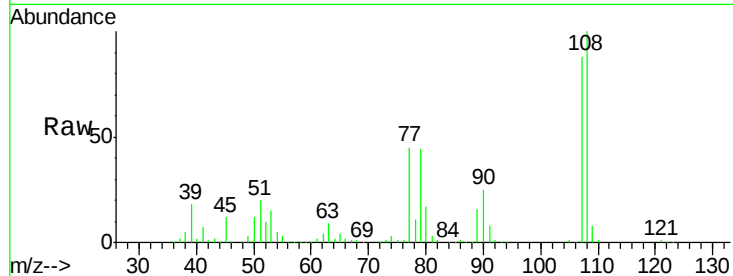
Ion Ratio Lower Upper

107 100

108 114.0 89.8 134.6

77 51.5 35.7 53.5

79 50.7 35.7 53.5

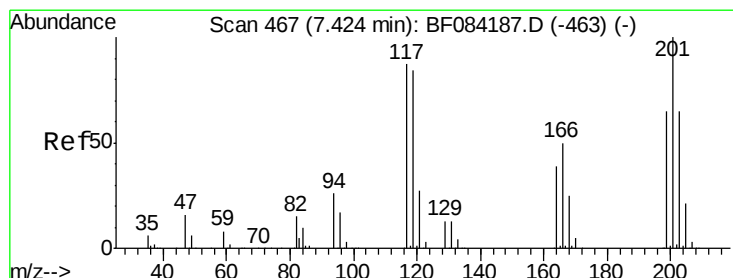
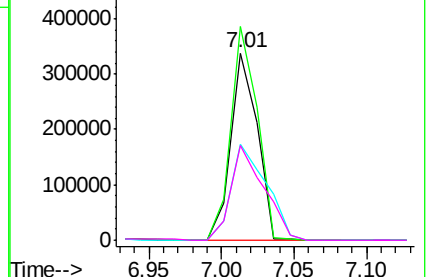
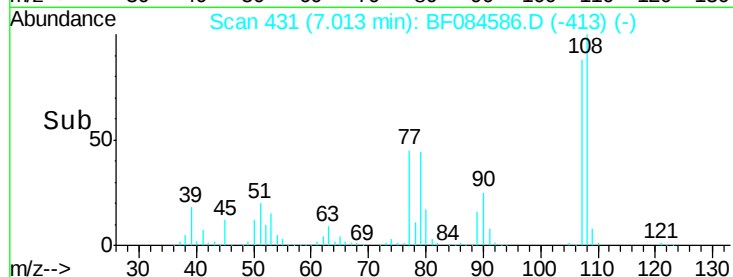


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.19 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.09 min

Lab File: BF084586.D

Acq: 22 Jan 2016 13:45

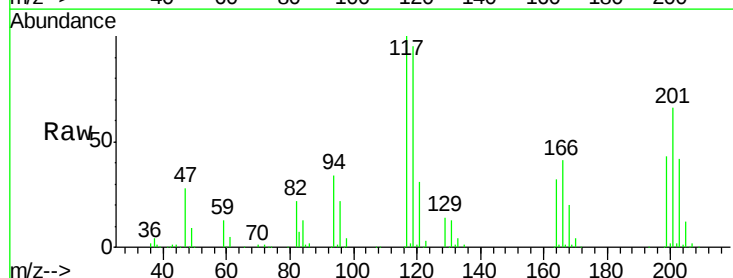
Tgt Ion:117 Resp: 213327

Ion Ratio Lower Upper

117 100

119 95.2 77.4 116.0

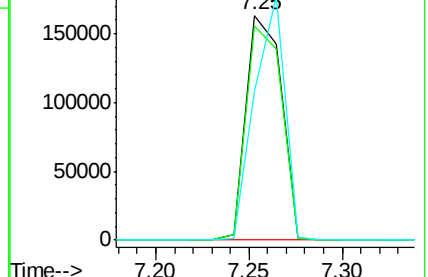
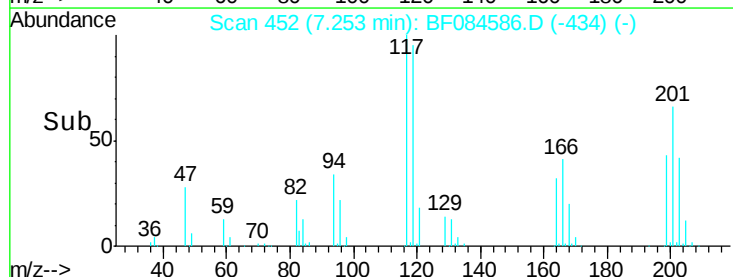
201 66.1 68.6 103.0#

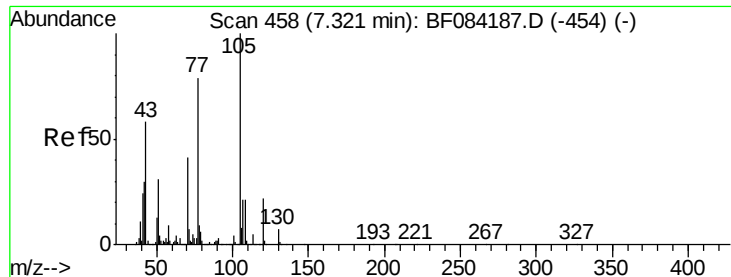


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

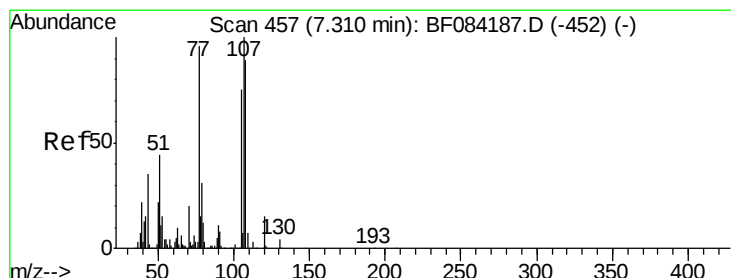
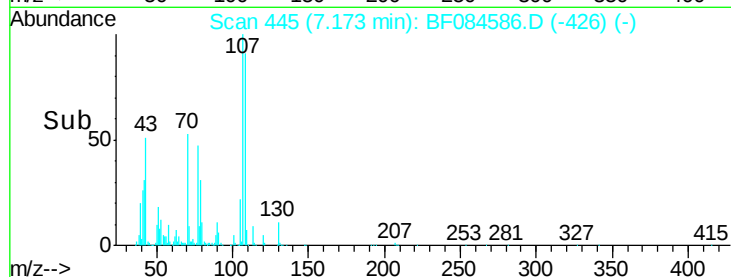
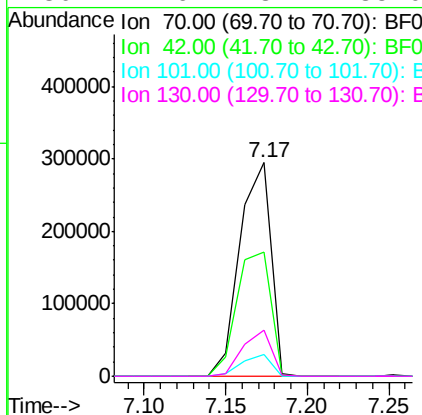
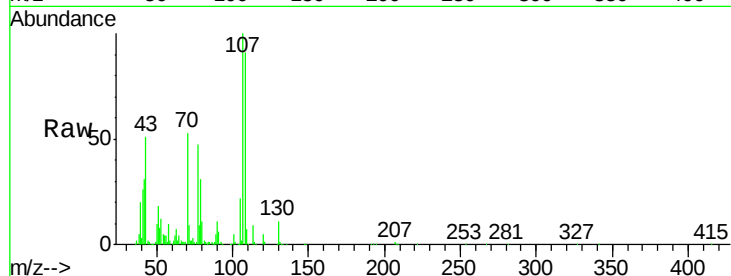




#19
n-Nitroso-di-n-propylamine
Concen: 38.48 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.08 min
Lab File: BF084586.D
Acq: 22 Jan 2016 13:45

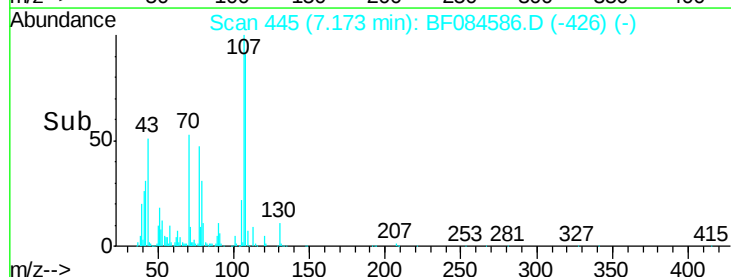
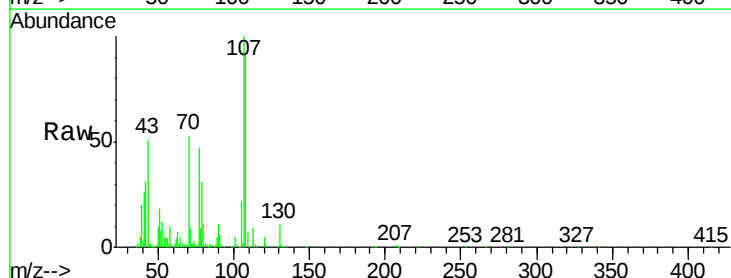
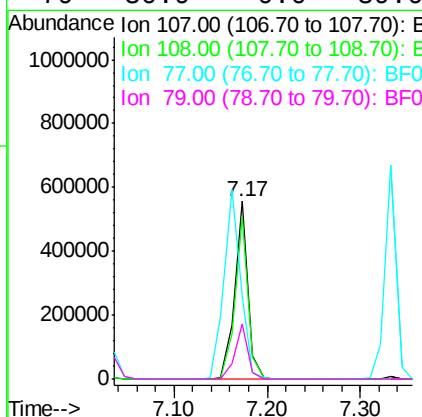
Instrument :
BNA_F
ClientSampleId :
PB87895BS

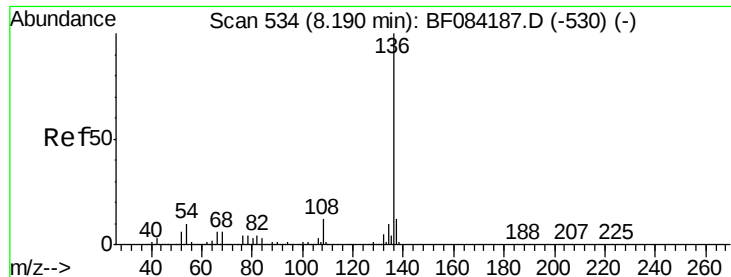
Tgt Ion: 70 Resp: 389385
Ion Ratio Lower Upper
70 100
42 58.4 33.3 49.9#
101 10.0 9.3 13.9
130 21.6 23.4 35.0#



#20
3+4-Methylphenols
Concen: 41.64 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.08 min
Lab File: BF084586.D
Acq: 22 Jan 2016 13:45

Tgt Ion: 107 Resp: 553902
Ion Ratio Lower Upper
107 100
108 91.5 74.6 114.6
77 46.9 0.7 40.7#
79 30.9 0.0 39.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 520

Delta R.T. -0.09 min

Lab File: BF084586.D

Acq: 22 Jan 2016 13:45

Instrument :

BNA_F

ClientSampleId :

PB87895BS

Tgt Ion:136 Resp: 833953

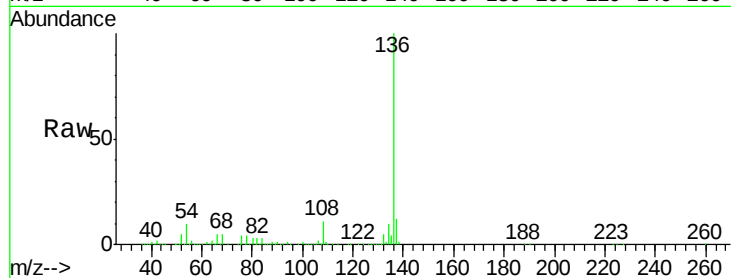
Ion Ratio Lower Upper

136 100

137 11.6 8.7 13.1

54 9.5 5.8 8.8#

68 5.3 4.2 6.2

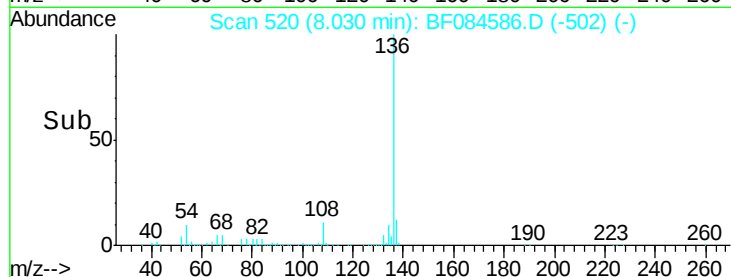


Abundance Ion 136.00 (135.70 to 136.70): E

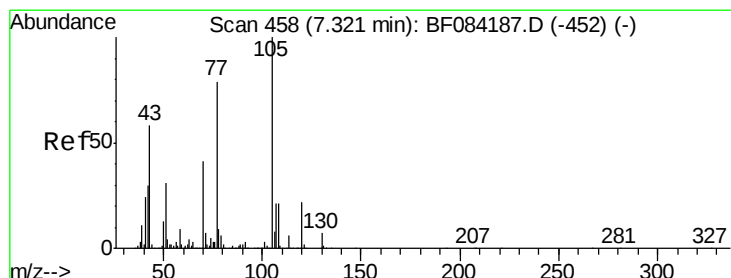
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 36.54 ng

RT: 7.16 min Scan# 444

Delta R.T. -0.09 min

Lab File: BF084586.D

Acq: 22 Jan 2016 13:45

Tgt Ion:105 Resp: 732661

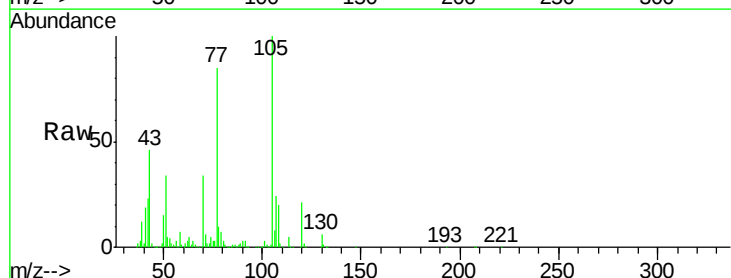
Ion Ratio Lower Upper

105 100

71 5.6 3.7 5.5#

51 33.8 25.1 37.7

120 21.0 16.6 25.0

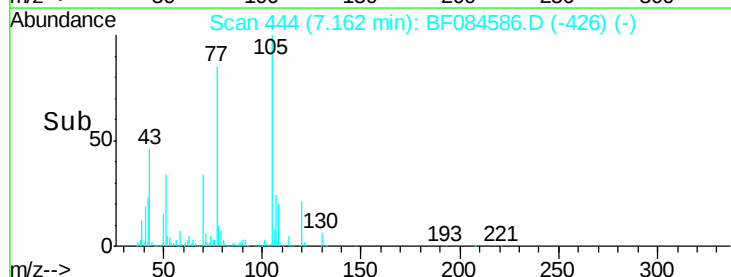


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



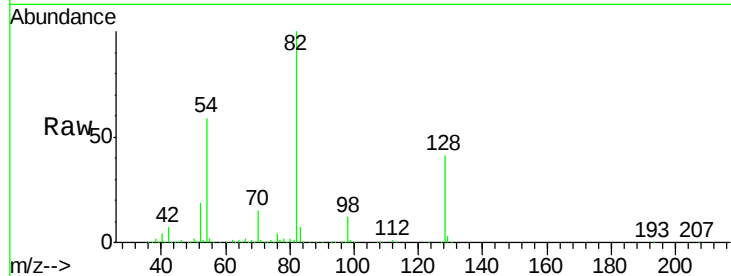
Time-->



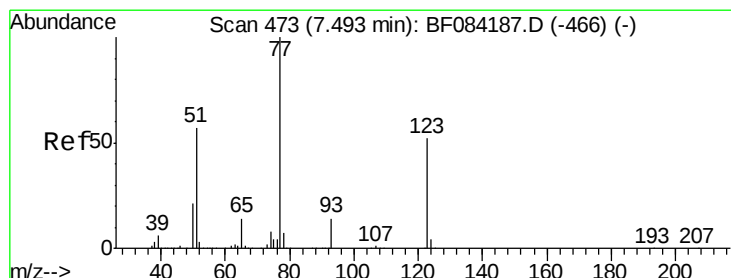
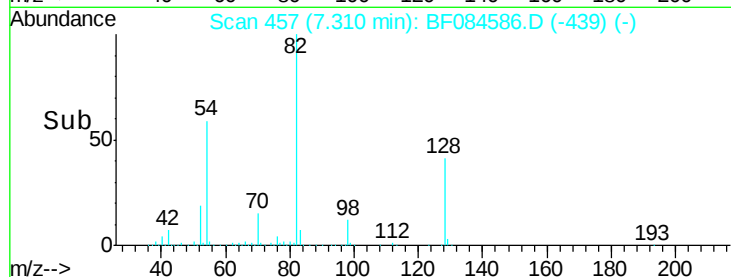
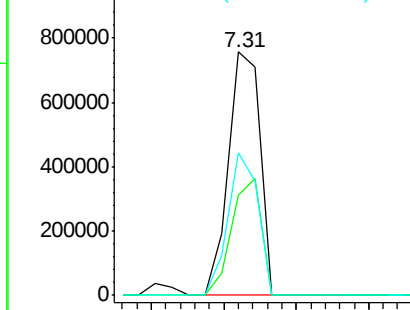
#23
 Nitrobenzene-d5
 Concen: 76.18 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.09 min
 Lab File: BF084586.D
 Acq: 22 Jan 2016 13:45

Instrument :
 BNA_F
 ClientSampleId :
 PB87895BS

Tgt Ion: 82 Resp: 1141520
 Ion Ratio Lower Upper
 82 100
 128 41.4 34.6 51.8
 54 58.7 38.4 57.6#

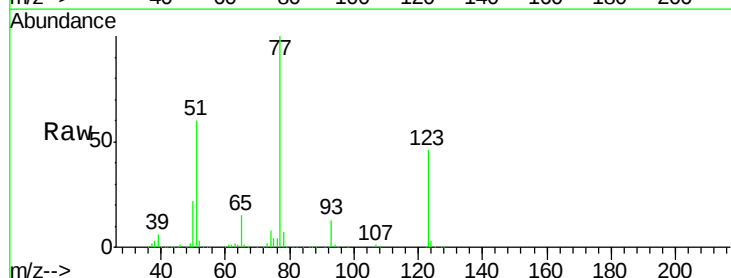


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

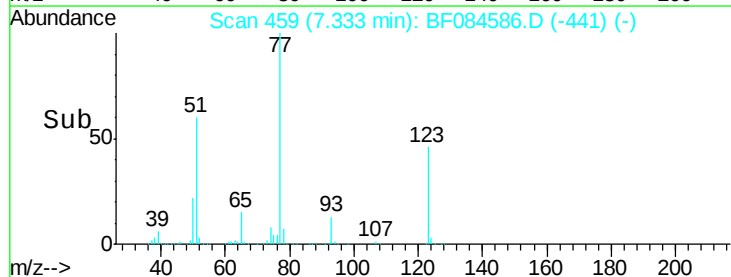
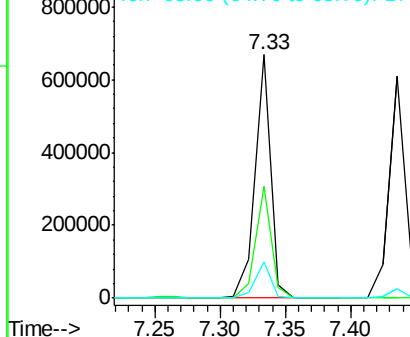


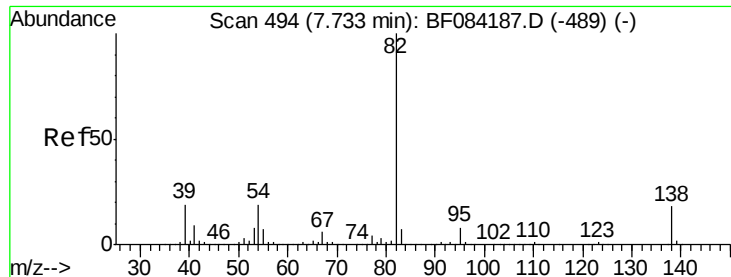
#24
 Nitrobenzene
 Concen: 36.94 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.09 min
 Lab File: BF084586.D
 Acq: 22 Jan 2016 13:45

Tgt Ion: 77 Resp: 561427
 Ion Ratio Lower Upper
 77 100
 123 46.0 37.4 56.2
 65 14.7 10.9 16.3



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 35.38 ng

RT: 7.57 min Scan# 480

Delta R.T. -0.09 min

Lab File: BF084586.D

Acq: 22 Jan 2016 13:45

Instrument :

BNA_F

ClientSampled :

PB87895BS

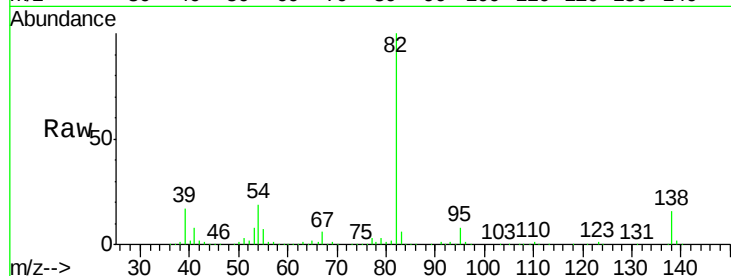
Tgt Ion: 82 Resp: 1013938

Ion Ratio Lower Upper

82 100

95 7.5 6.6 10.0

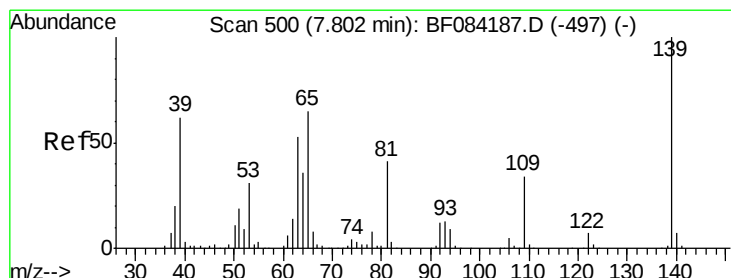
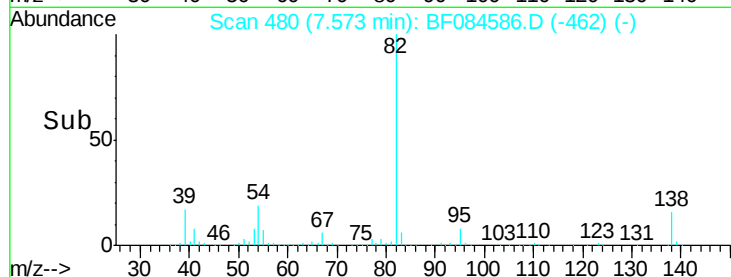
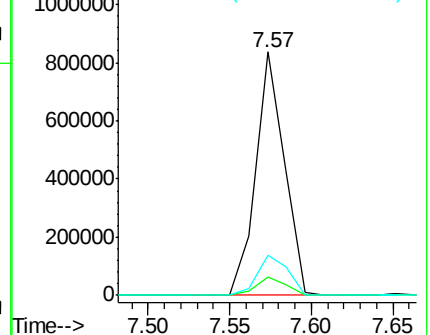
138 16.4 13.6 20.4



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 44.56 ng

RT: 7.65 min Scan# 487

Delta R.T. -0.09 min

Lab File: BF084586.D

Acq: 22 Jan 2016 13:45

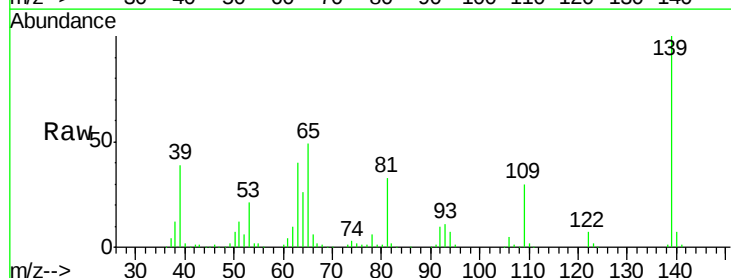
Tgt Ion: 139 Resp: 308186

Ion Ratio Lower Upper

139 100

109 29.7 25.4 38.2

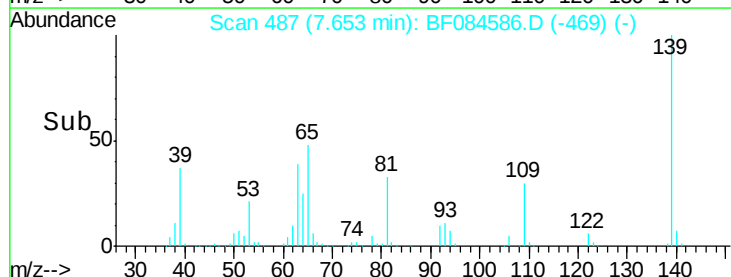
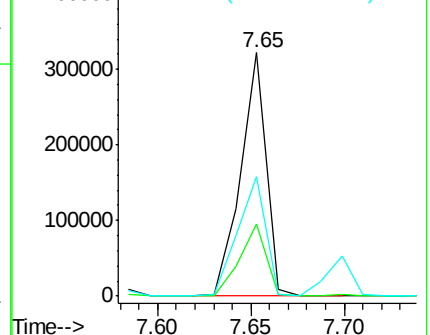
65 48.9 32.3 48.5#

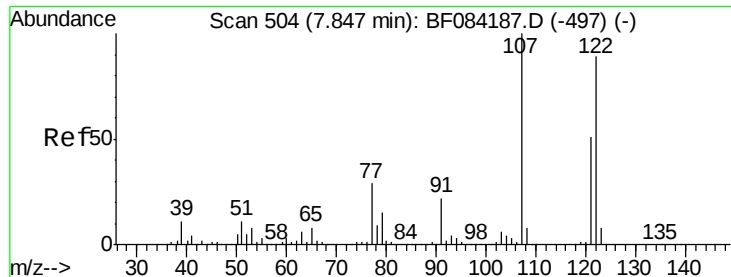


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 36.79 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.08 min

Lab File: BF084586.D

Acq: 22 Jan 2016 13:45

Instrument :

BNA_F

ClientSampleId :

PB87895BS

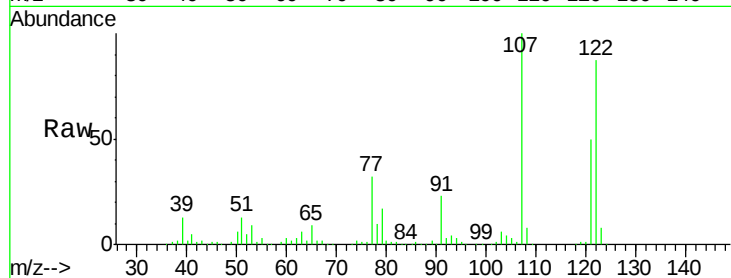
Tgt Ion:122 Resp: 515026

Ion Ratio Lower Upper

122 100

107 114.8 99.1 148.7

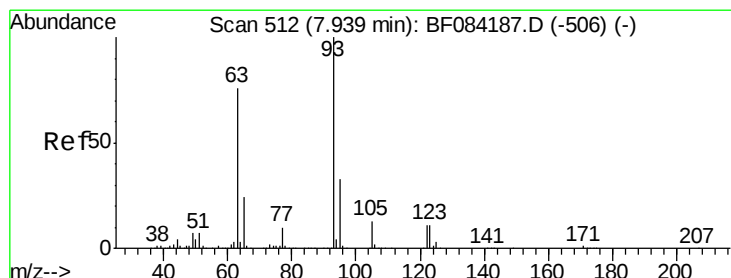
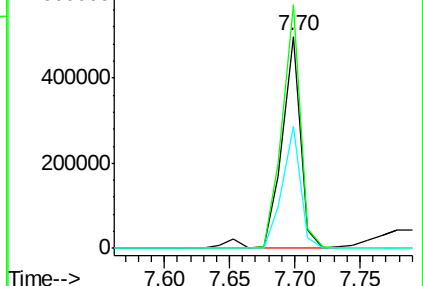
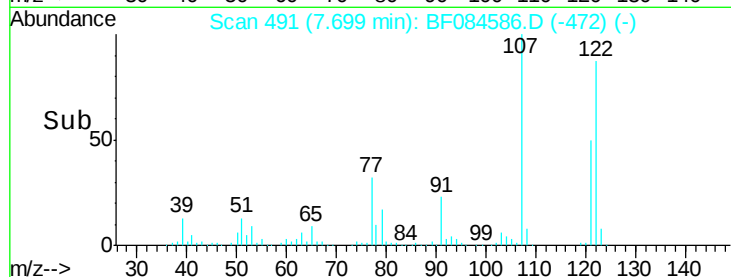
121 57.5 47.9 71.9



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: 35.48 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.09 min

Lab File: BF084586.D

Acq: 22 Jan 2016 13:45

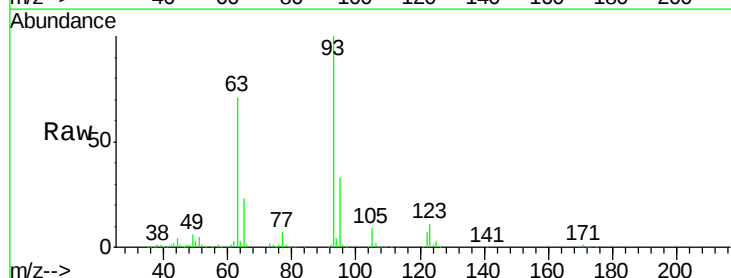
Tgt Ion: 93 Resp: 621023

Ion Ratio Lower Upper

93 100

95 32.8 25.8 38.6

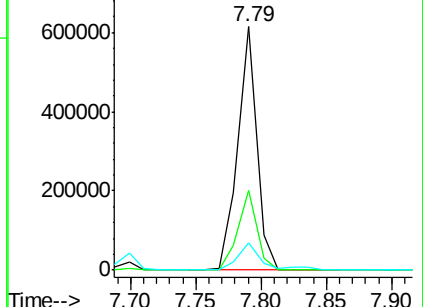
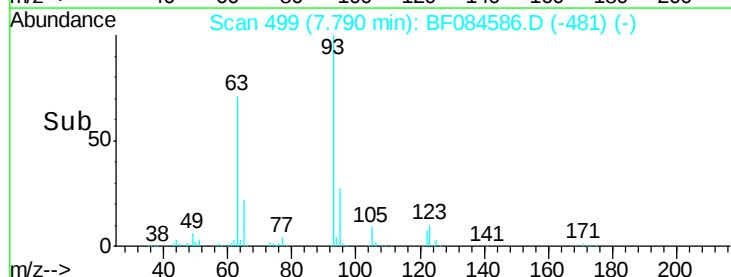
123 11.3 8.6 12.8



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: 37.23 ng

RT: 7.89 min Scan# 508

Delta R.T. -0.09 min

Lab File: BF084586.D

Acq: 22 Jan 2016 13:45

Instrument :

BNA_F

ClientSampleId :

PB87895BS

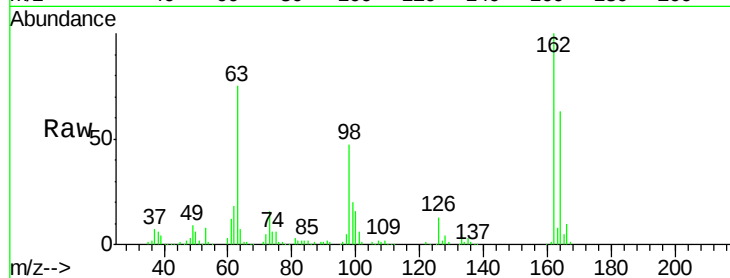
Tgt Ion:162 Resp: 434146

Ion Ratio Lower Upper

162 100

164 63.3 44.1 84.1

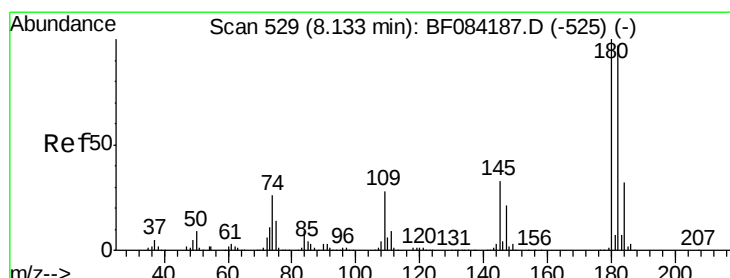
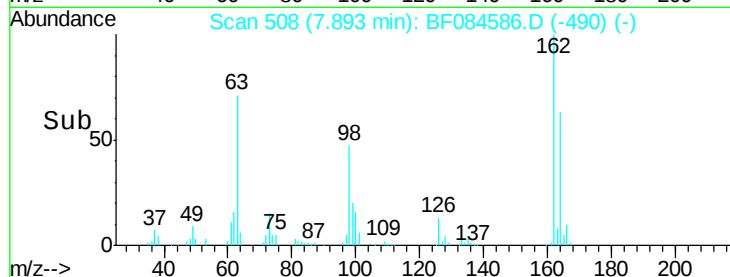
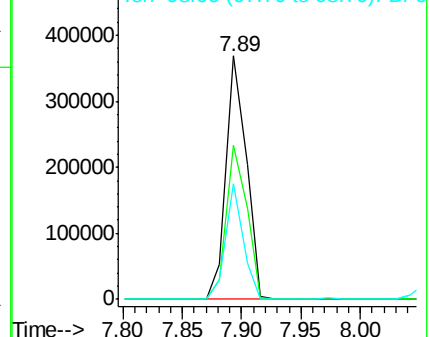
98 47.4 20.2 60.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 37.38 ng

RT: 7.97 min Scan# 515

Delta R.T. -0.09 min

Lab File: BF084586.D

Acq: 22 Jan 2016 13:45

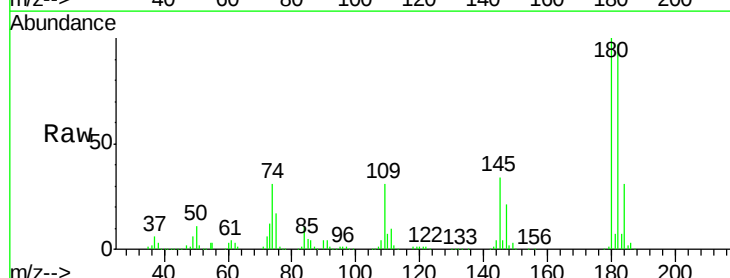
Tgt Ion:180 Resp: 450045

Ion Ratio Lower Upper

180 100

182 96.7 76.4 114.6

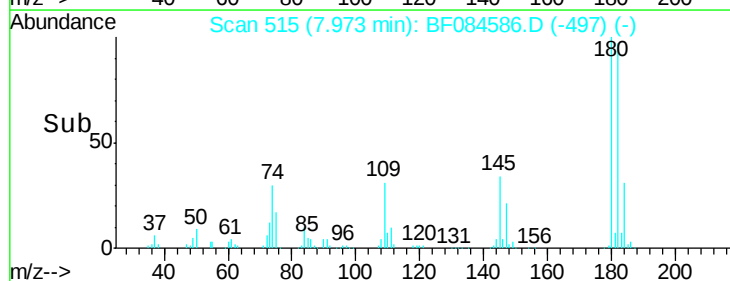
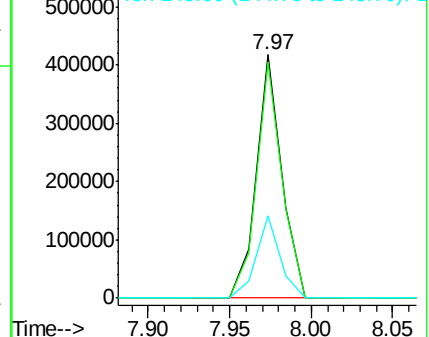
145 33.8 31.6 47.4

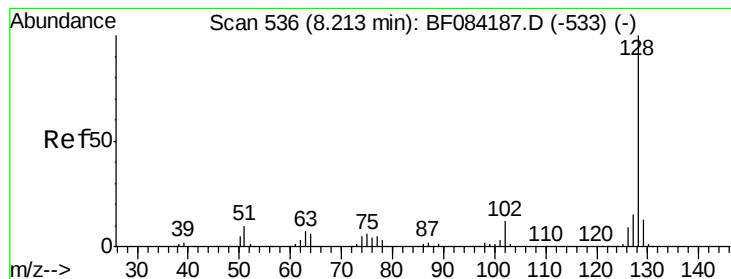


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 37.64 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.09 min

Lab File: BF084586.D

Acq: 22 Jan 2016 13:45

Instrument :

BNA_F

ClientSampleId :

PB87895BS

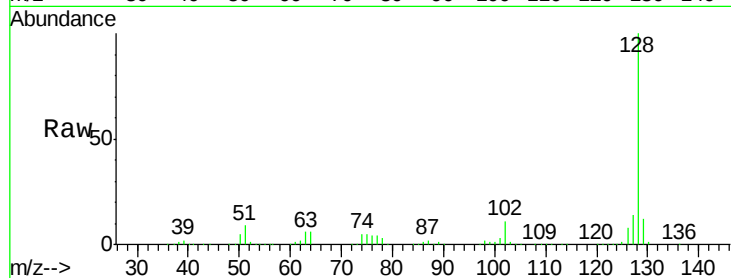
Tgt Ion:128 Resp: 1423978

Ion Ratio Lower Upper

128 100

129 12.0 9.1 13.7

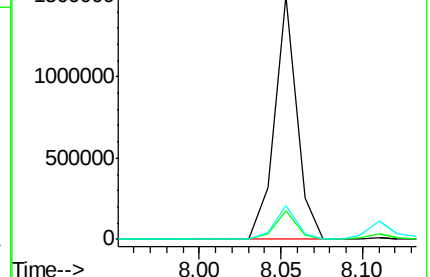
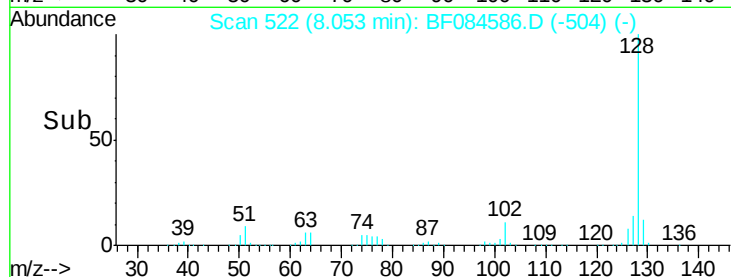
127 13.8 11.1 16.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 36.31 ng

RT: 7.82 min Scan# 502

Delta R.T. -0.07 min

Lab File: BF084586.D

Acq: 22 Jan 2016 13:45

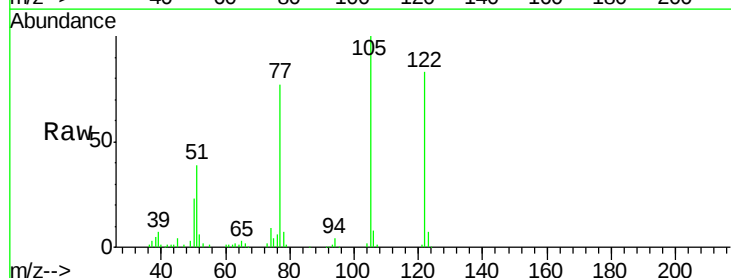
Tgt Ion:122 Resp: 311256

Ion Ratio Lower Upper

122 100

105 120.0 100.3 140.3

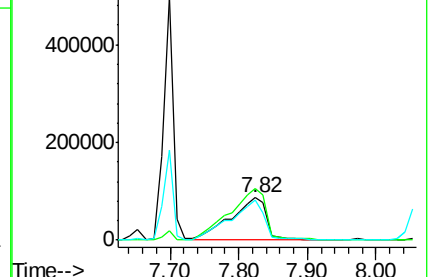
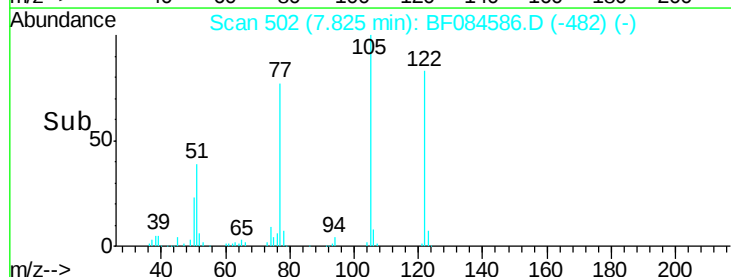
77 92.9 63.5 103.5



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

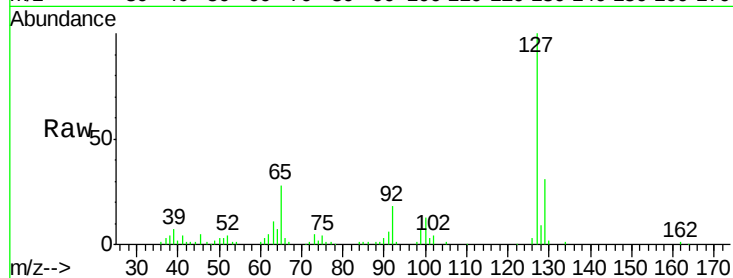




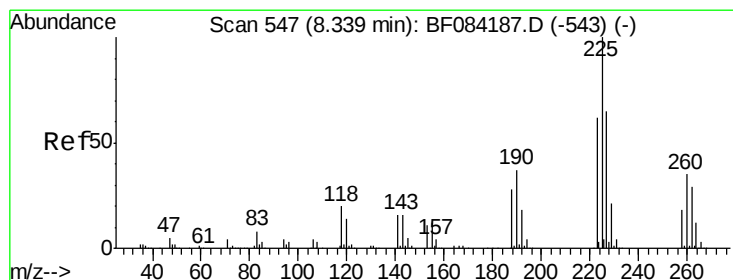
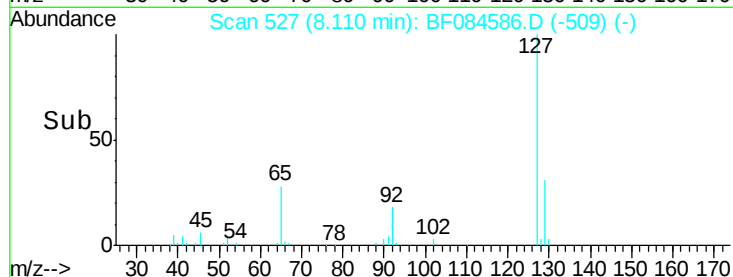
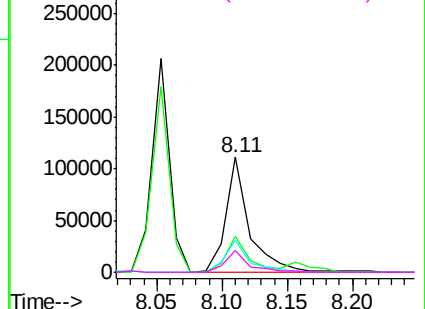
#33
4-Chloroaniline
Concen: 7.95 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.09 min
Lab File: BF084586.D
Acq: 22 Jan 2016 13:45

Instrument :
BNA_F
ClientSampleId :
PB87895BS

Tgt Ion:	127	Resp:	137982
Ion	Ratio	Lower	Upper
127	100		
129	31.3	26.5	39.7
65	28.1	27.2	40.8
92	18.5	17.7	26.5

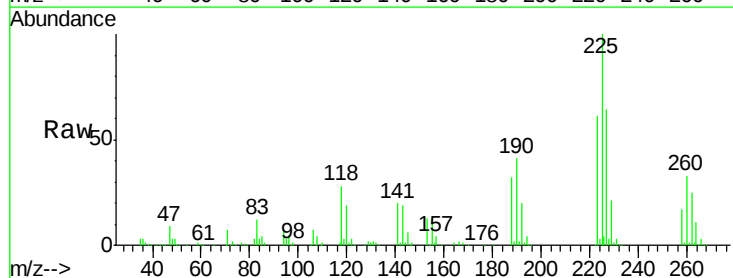


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

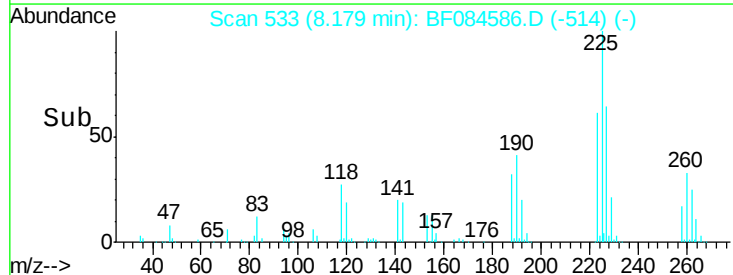
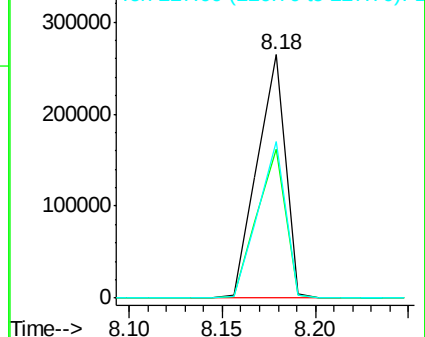


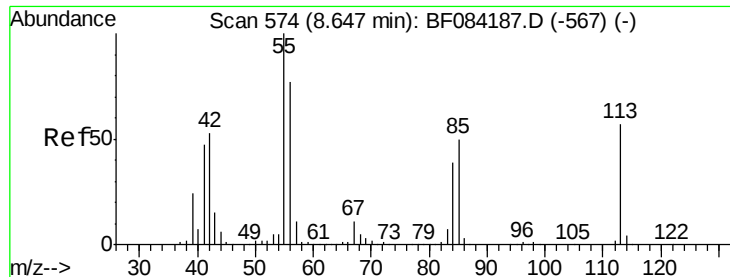
#34
Hexachlorobutadiene
Concen: 40.03 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.08 min
Lab File: BF084586.D
Acq: 22 Jan 2016 13:45

Tgt Ion:	225	Resp:	277035
Ion	Ratio	Lower	Upper
225	100		
223	61.2	49.4	74.0
227	64.2	50.8	76.2



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

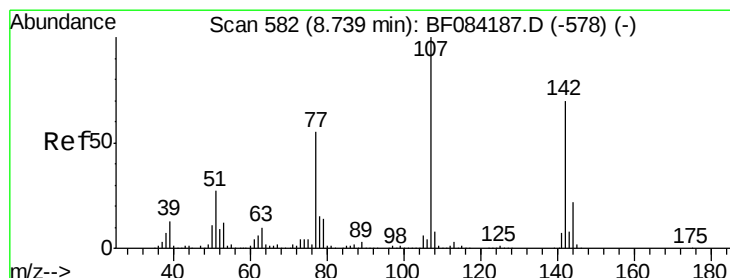
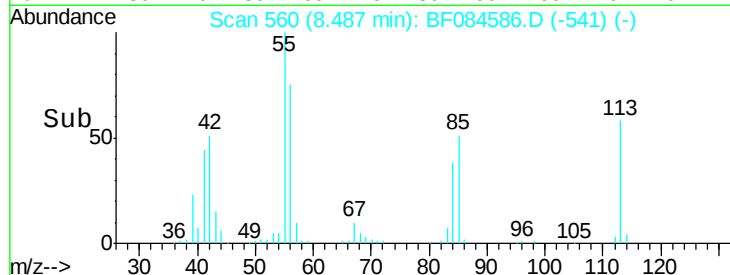
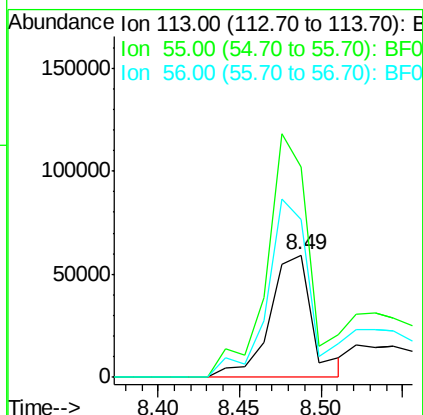
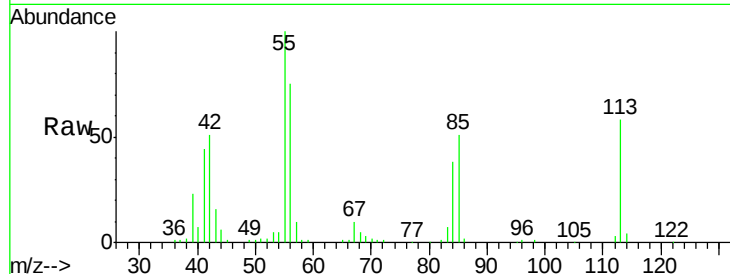




#35
 Caprolactam
 Concen: 27.56 ng
 RT: 8.49 min Scan# 560
 Delta R.T. -0.08 min
 Lab File: BF084586.D
 Acq: 22 Jan 2016 13:45

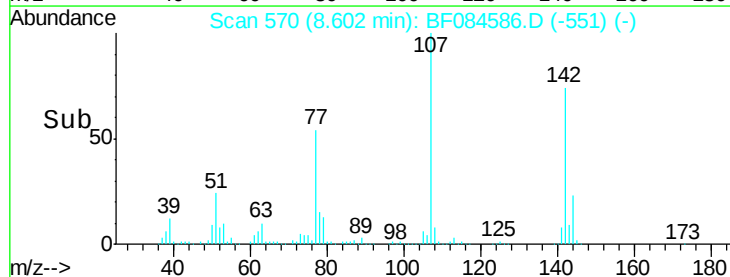
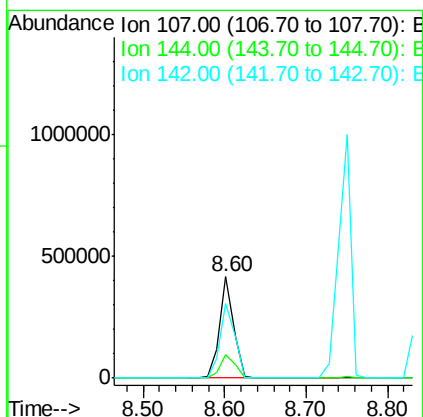
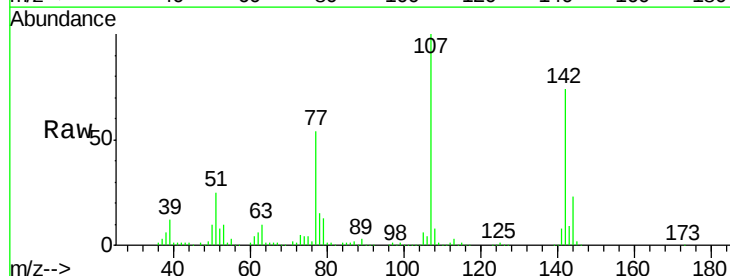
Instrument :
 BNA_F
 ClientSampleId :
 PB87895BS

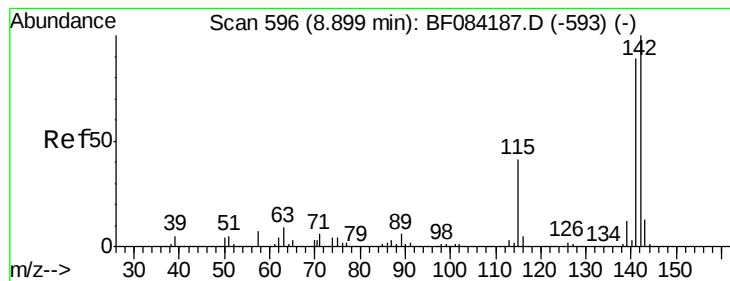
Tgt Ion:113 Resp: 108352
 Ion Ratio Lower Upper
 113 100
 55 172.2 116.9 156.9#
 56 129.6 93.8 133.8



#36
 4-Chloro-3-methylphenol
 Concen: 37.57 ng
 RT: 8.60 min Scan# 570
 Delta R.T. -0.08 min
 Lab File: BF084586.D
 Acq: 22 Jan 2016 13:45

Tgt Ion:107 Resp: 490749
 Ion Ratio Lower Upper
 107 100
 144 22.9 19.7 29.5
 142 73.6 61.8 92.6





#37

2-Methylnaphthalene

Concen: 40.32 ng

RT: 8.75 min Scan# 583

Delta R.T. -0.08 min

Lab File: BF084586.D

Acq: 22 Jan 2016 13:45

Instrument :

BNA_F

ClientSampleId :

PB87895BS

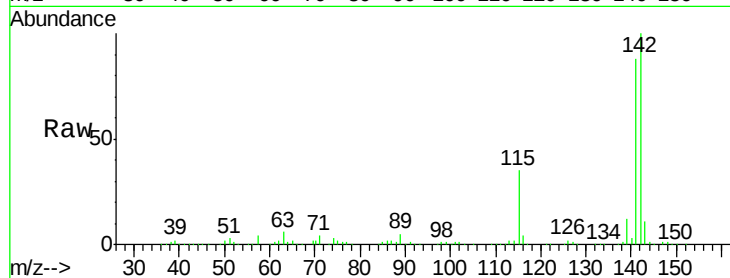
Tgt Ion:142 Resp: 1095005

Ion Ratio Lower Upper

142 100

141 87.8 72.4 108.6

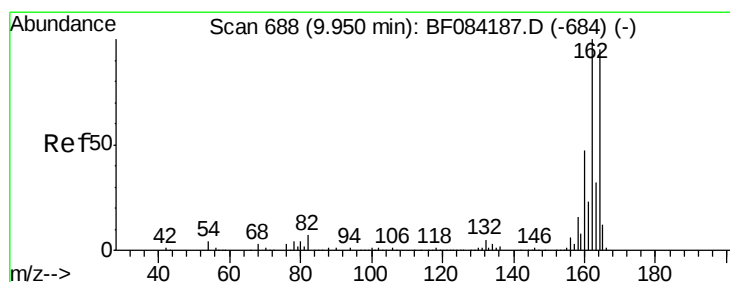
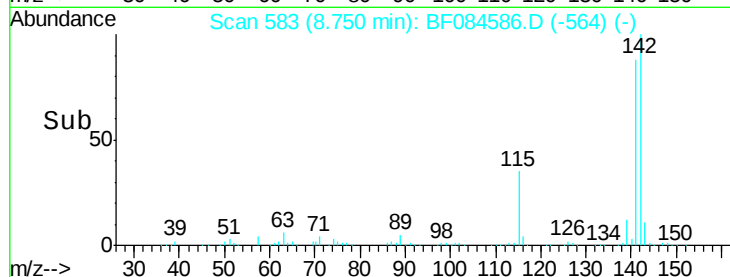
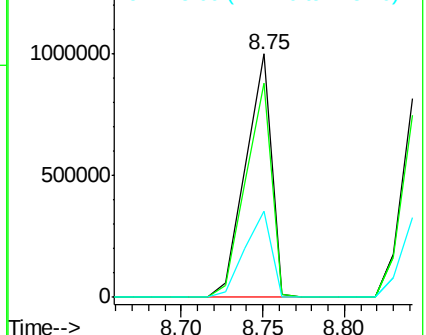
115 35.4 27.9 41.9



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: 9.79 min Scan# 674

Delta R.T. -0.08 min

Lab File: BF084586.D

Acq: 22 Jan 2016 13:45

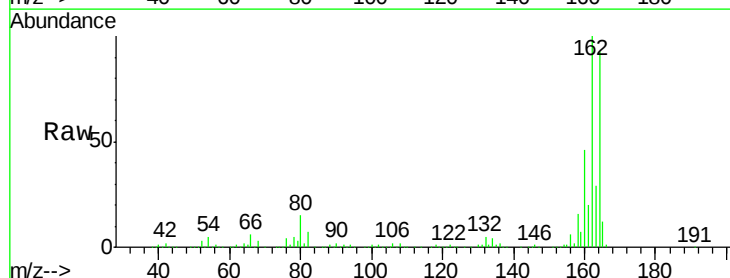
Tgt Ion:164 Resp: 419969

Ion Ratio Lower Upper

164 100

162 107.0 85.1 127.7

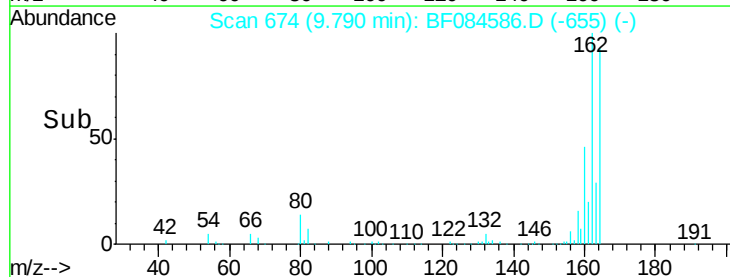
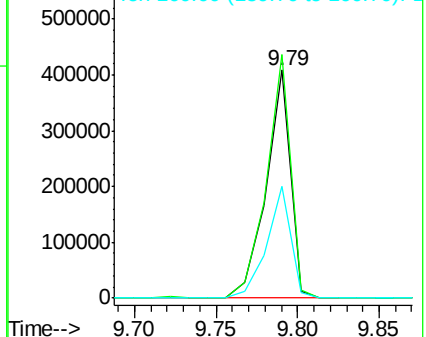
160 48.9 37.5 56.3

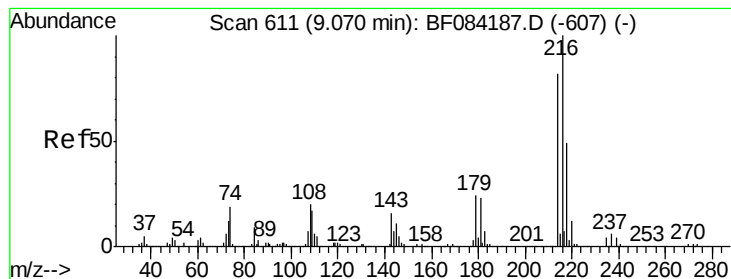


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.22 ng

RT: 8.91 min Scan# 597

Delta R.T. -0.09 min

Lab File: BF084586.D

Acq: 22 Jan 2016 13:45

Instrument :

BNA_F

ClientSampleId :

PB87895BS

Tgt Ion:216 Resp: 401111

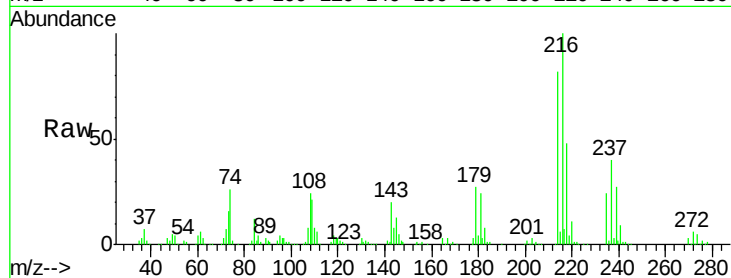
Ion Ratio Lower Upper

216 100

214 80.5 64.2 96.2

179 24.2 18.7 28.1

108 24.0 16.8 25.2

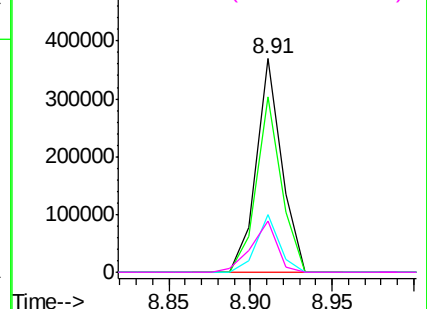
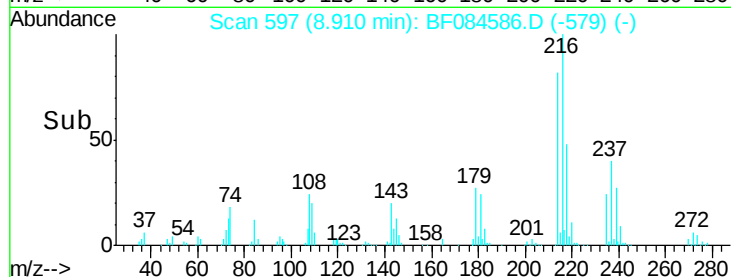


Abundance Ion 216.00 (215.70 to 216.70): E

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: 60.83 ng

RT: 8.90 min Scan# 596

Delta R.T. -0.09 min

Lab File: BF084586.D

Acq: 22 Jan 2016 13:45

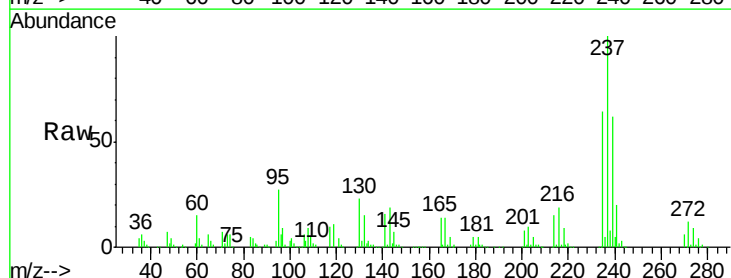
Tgt Ion:237 Resp: 443321

Ion Ratio Lower Upper

237 100

235 64.0 43.1 83.1

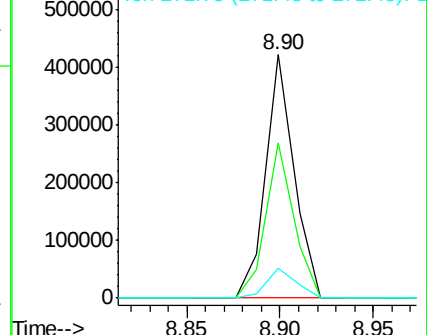
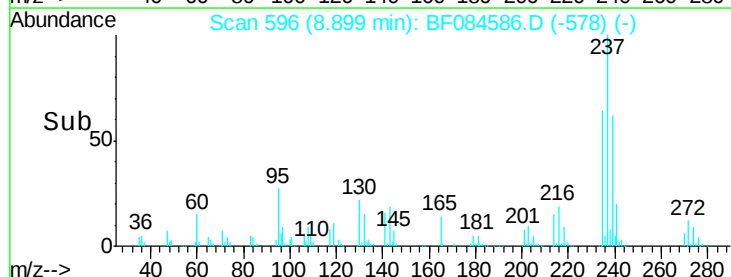
272 12.1 0.0 35.1



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

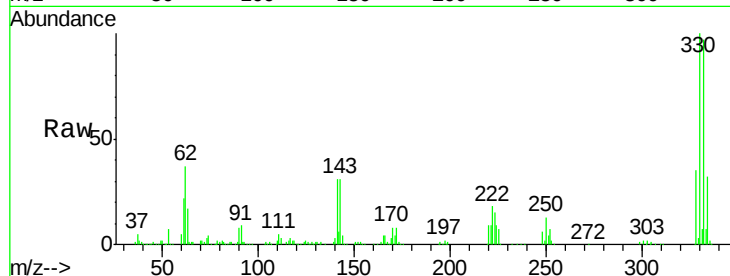




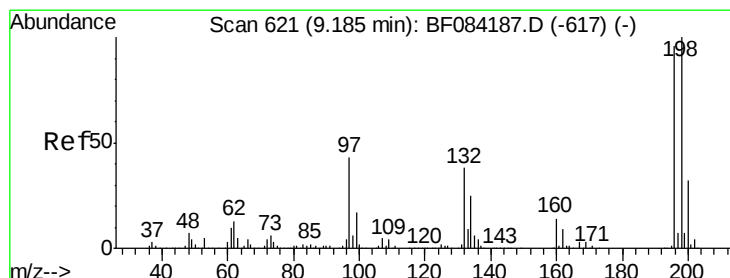
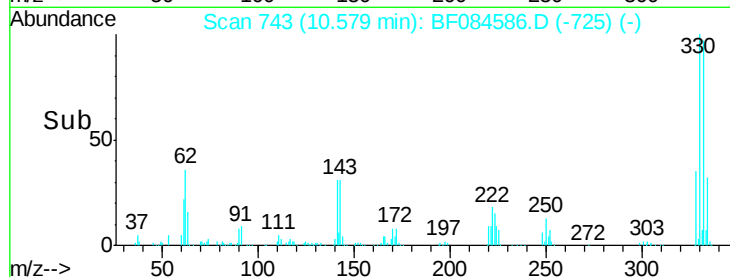
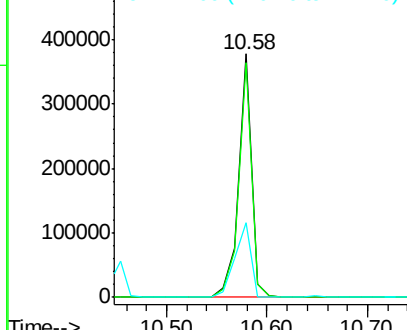
#41
 2,4,6-Tribromophenol
 Concen: 79.99 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.09 min
 Lab File: BF084586.D
 Acq: 22 Jan 2016 13:45

Instrument :
 BNA_F
 ClientSampleId :
 PB87895BS

Tgt Ion:330 Resp: 339160
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.6 114.8
 141 38.3 27.8 41.6

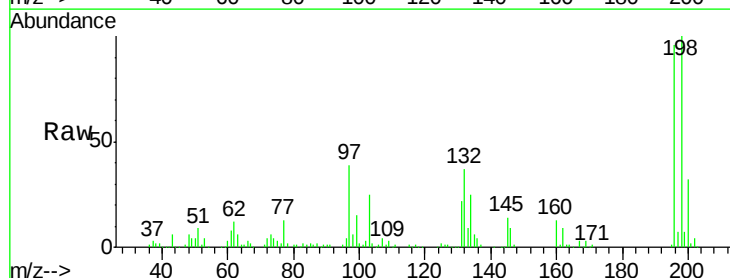


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

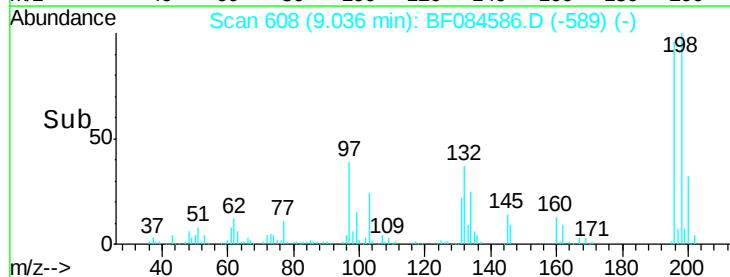
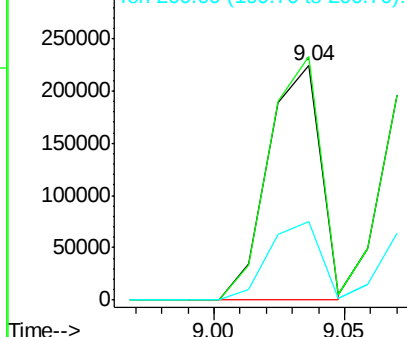


#42
 2,4,6-Trichlorophenol
 Concen: 34.35 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.08 min
 Lab File: BF084586.D
 Acq: 22 Jan 2016 13:45

Tgt Ion:196 Resp: 310279
 Ion Ratio Lower Upper
 196 100
 198 103.9 77.7 116.5
 200 33.6 24.6 37.0



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

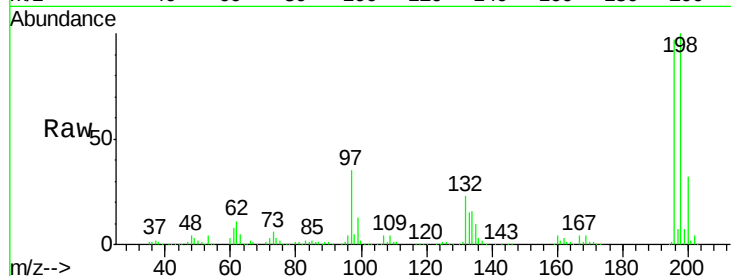




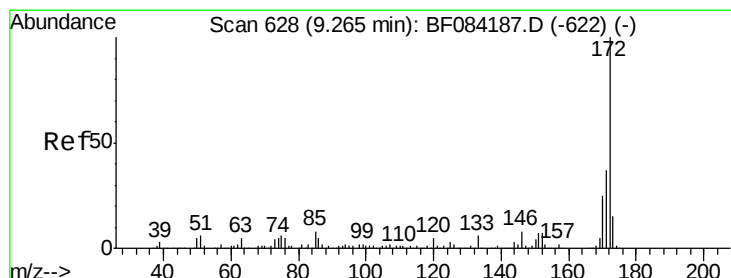
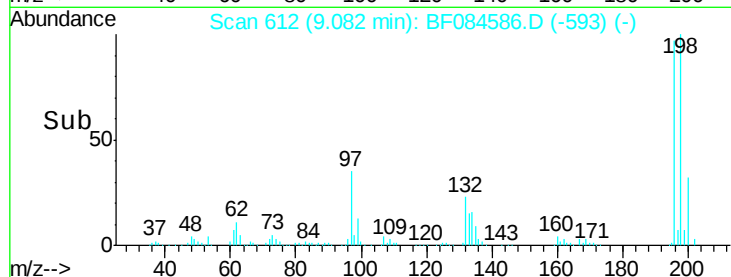
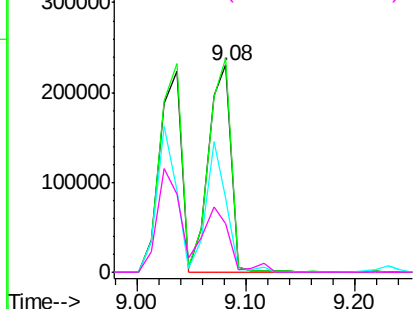
#43
 2,4,5-Trichlorophenol
 Concen: 38.42 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.08 min
 Lab File: BF084586.D
 Acq: 22 Jan 2016 13:45

Instrument :
 BNA_F
 ClientSampleId :
 PB87895BS

Tgt Ion:196 Resp: 332675
 Ion Ratio Lower Upper
 196 100
 198 103.2 79.0 118.6
 97 36.0 33.0 49.6
 132 23.5 21.1 31.7

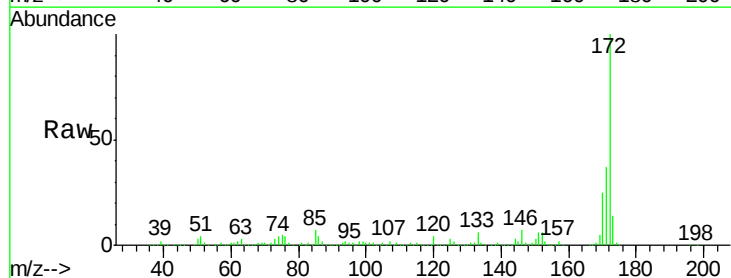


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

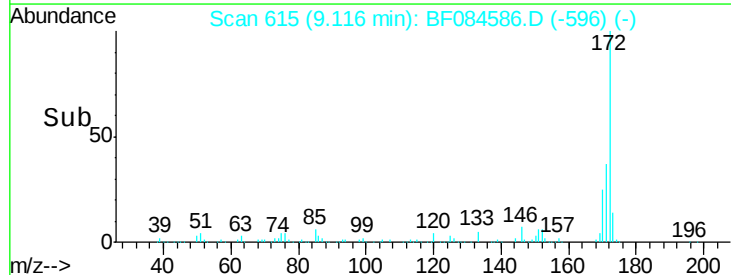
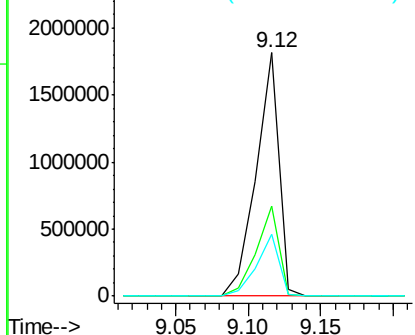


#44
 2-Fluorobiphenyl
 Concen: 82.92 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.08 min
 Lab File: BF084586.D
 Acq: 22 Jan 2016 13:45

Tgt Ion:172 Resp: 1983244
 Ion Ratio Lower Upper
 172 100
 171 37.1 28.9 43.3
 170 25.3 18.6 27.8



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

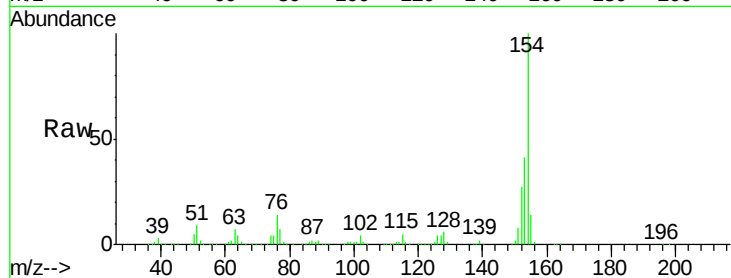




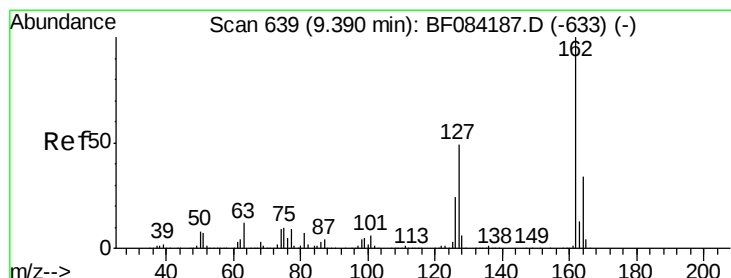
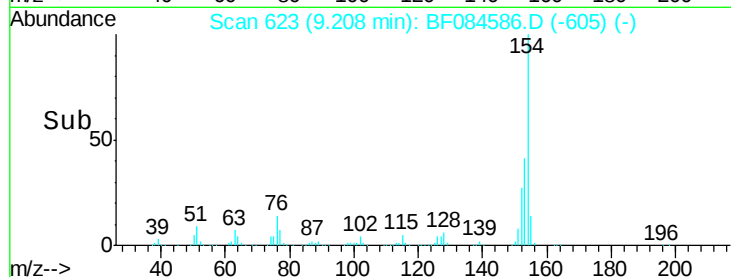
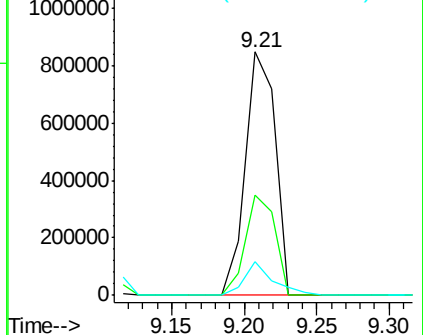
#45
 1,1'-Biphenyl
 Concen: 36.11 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.09 min
 Lab File: BF084586.D
 Acq: 22 Jan 2016 13:45

Instrument :
 BNA_F
 ClientSampleId :
 PB87895BS

Tgt Ion:154 Resp: 1205240
 Ion Ratio Lower Upper
 154 100
 153 41.0 21.6 61.6
 76 13.6 0.0 32.7

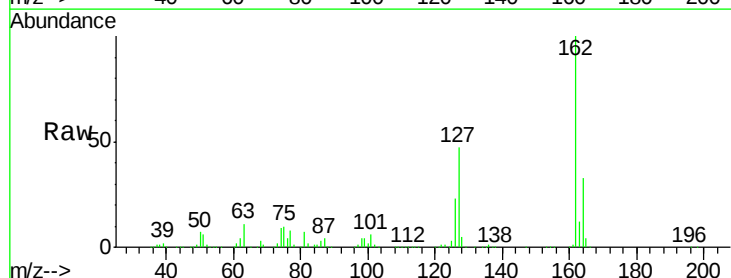


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

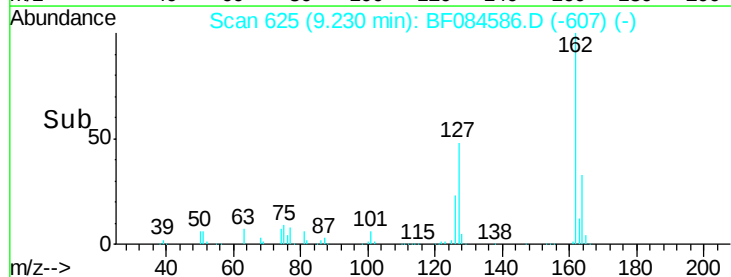
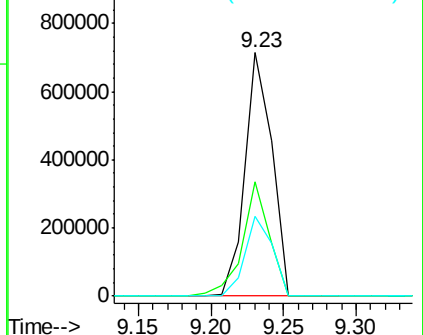


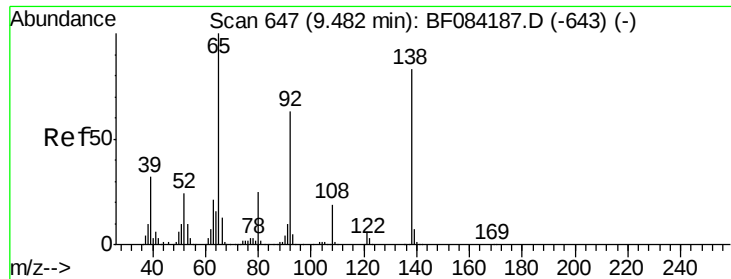
#46
 2-Chloronaphthalene
 Concen: 34.91 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.09 min
 Lab File: BF084586.D
 Acq: 22 Jan 2016 13:45

Tgt Ion:162 Resp: 915133
 Ion Ratio Lower Upper
 162 100
 127 47.1 40.2 60.4
 164 32.9 25.7 38.5



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

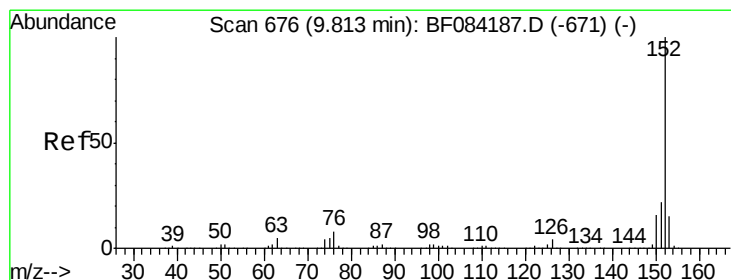
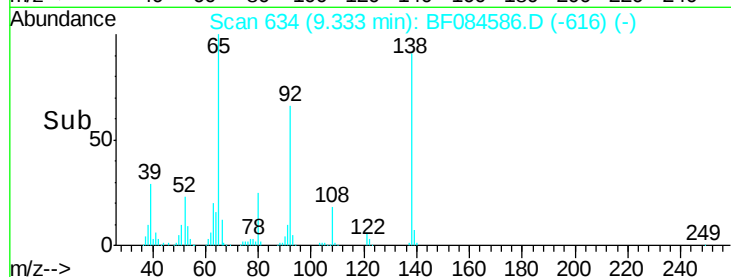
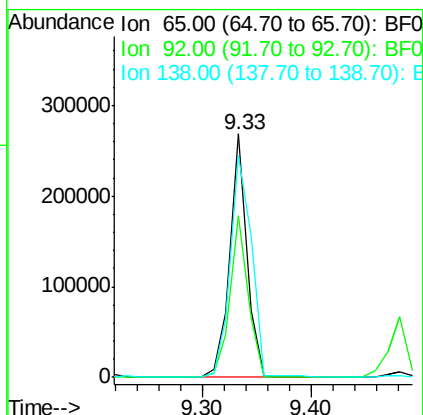
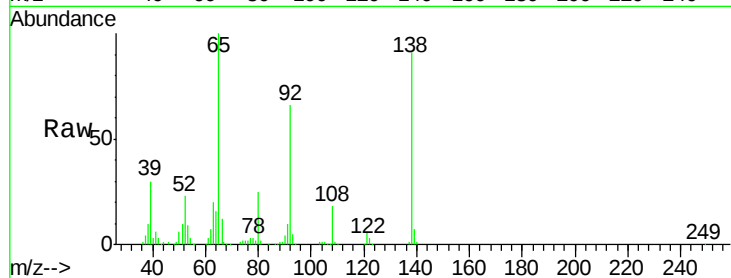




#47
2-Nitroaniline
Concen: 33.67 ng
RT: 9.33 min Scan# 634
Delta R.T. -0.09 min
Lab File: BF084586.D
Acq: 22 Jan 2016 13:45

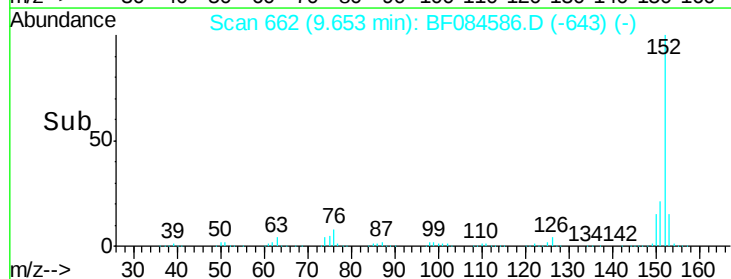
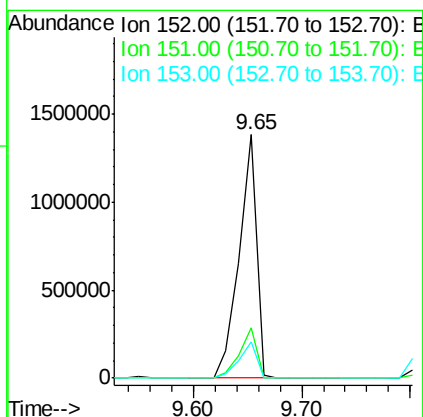
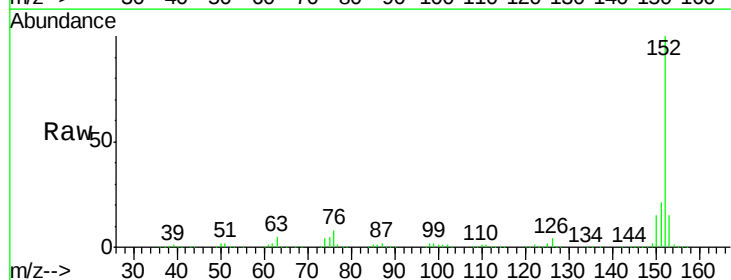
Instrument :
BNA_F
ClientSampleId :
PB87895BS

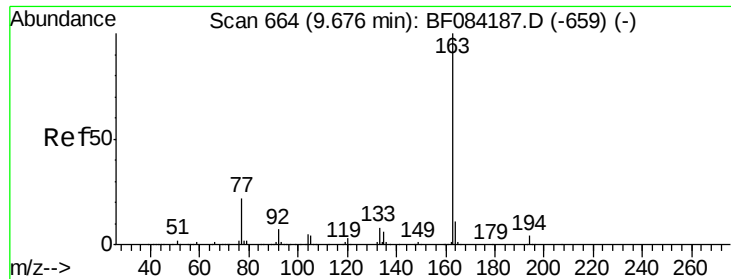
Tgt Ion: 65 Resp: 291332
Ion Ratio Lower Upper
65 100
92 66.2 53.4 80.2
138 91.0 71.1 106.7



#48
Acenaphthylene
Concen: 39.05 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.08 min
Lab File: BF084586.D
Acq: 22 Jan 2016 13:45

Tgt Ion: 152 Resp: 1512670
Ion Ratio Lower Upper
152 100
151 20.8 16.3 24.5
153 14.8 10.4 15.6





#49

Dimethylphthalate

Concen: 38.95 ng

RT: 9.53 min Scan# 651

Delta R.T. -0.08 min

Lab File: BF084586.D

Acq: 22 Jan 2016 13:45

Instrument :

BNA_F

ClientSampleId :

PB87895BS

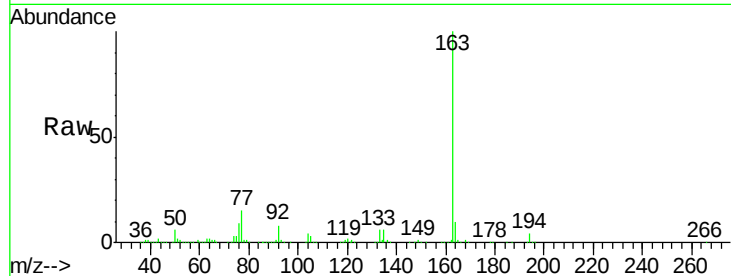
Tgt Ion:163 Resp: 1169499

Ion Ratio Lower Upper

163 100

194 3.6 8.0 12.0#

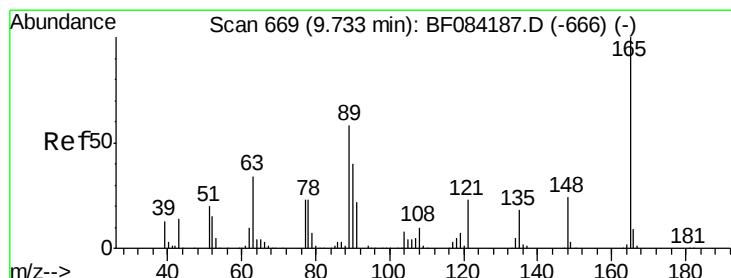
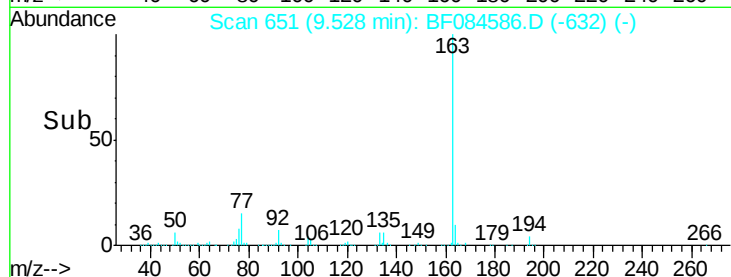
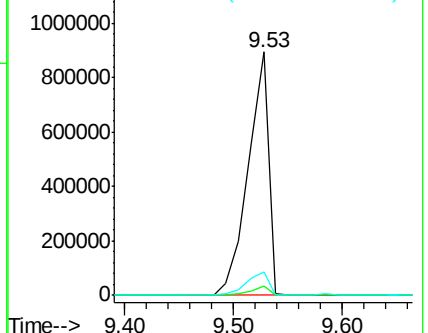
164 9.7 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 41.33 ng

RT: 9.58 min Scan# 656

Delta R.T. -0.08 min

Lab File: BF084586.D

Acq: 22 Jan 2016 13:45

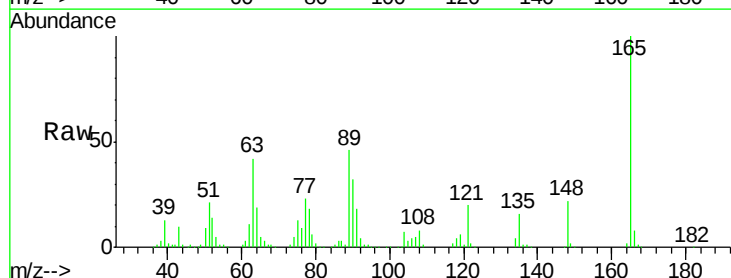
Tgt Ion:165 Resp: 272134

Ion Ratio Lower Upper

165 100

63 41.5 28.8 43.2

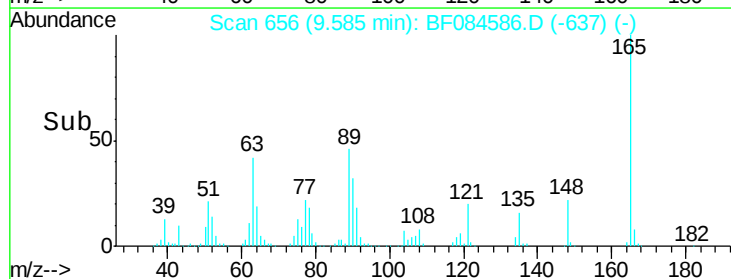
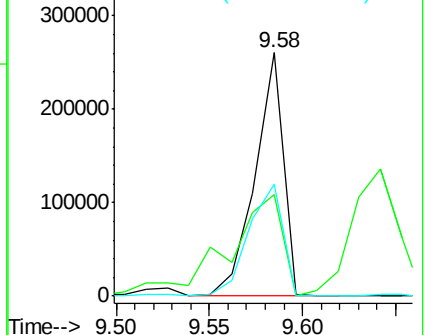
89 45.9 35.1 52.7

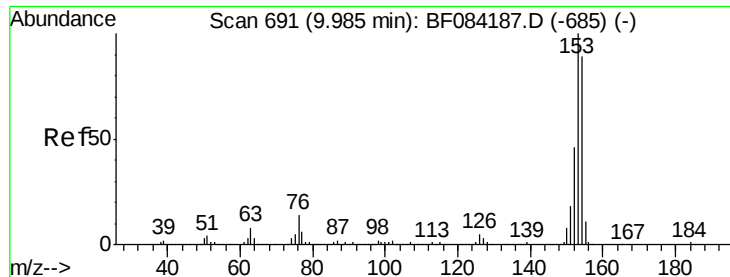


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.53 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.08 min

Lab File: BF084586.D

Acq: 22 Jan 2016 13:45

Instrument :

BNA_F

ClientSampleId :

PB87895BS

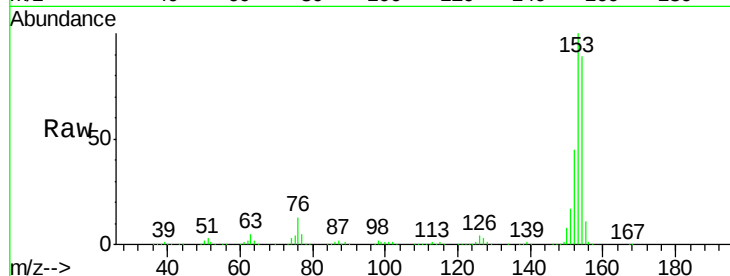
Tgt Ion:154 Resp: 1027192

Ion Ratio Lower Upper

154 100

153 112.0 91.5 137.3

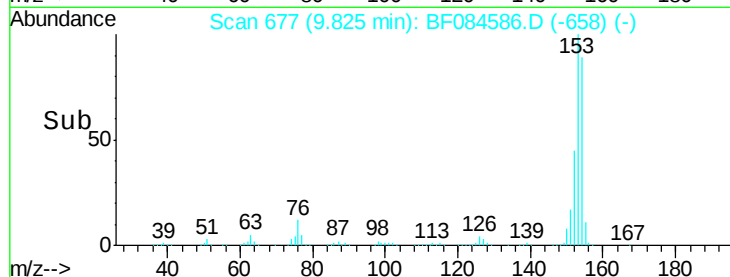
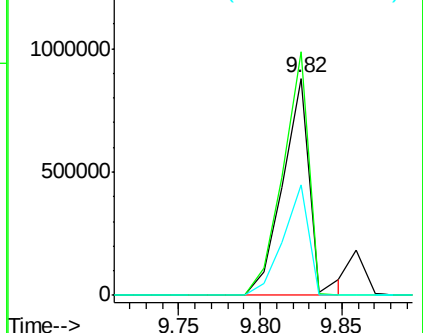
152 50.7 43.0 64.6



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: 12.69 ng

RT: 9.74 min Scan# 670

Delta R.T. -0.09 min

Lab File: BF084586.D

Acq: 22 Jan 2016 13:45

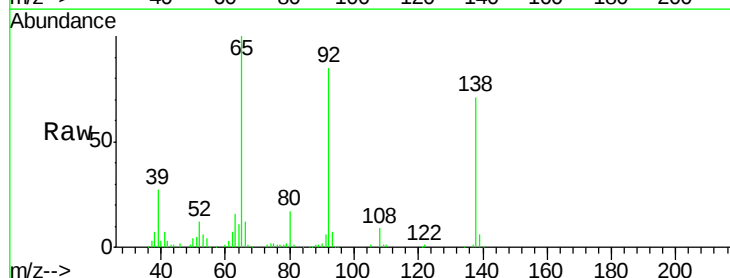
Tgt Ion:138 Resp: 103567

Ion Ratio Lower Upper

138 100

108 12.3 10.5 15.7

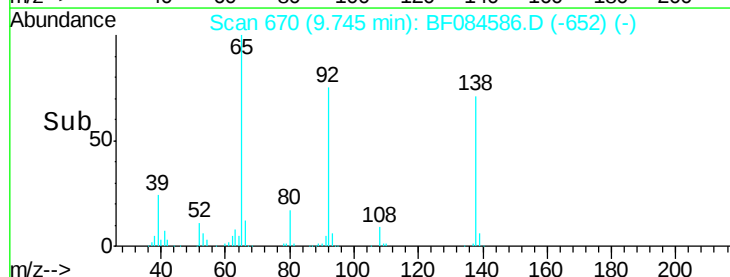
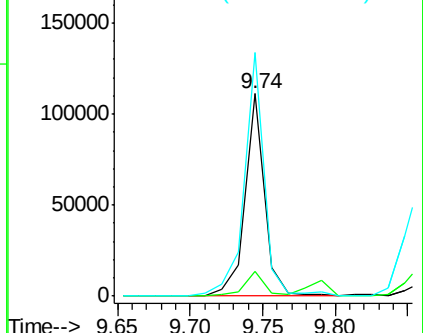
92 120.5 103.9 155.9



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

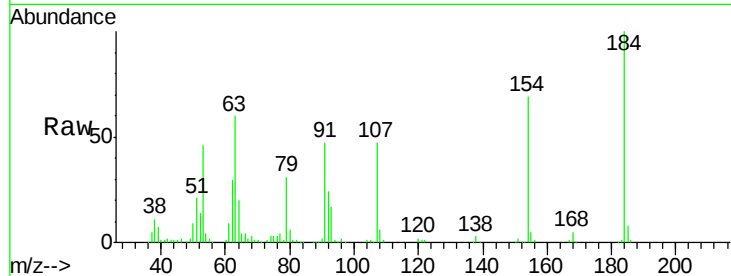




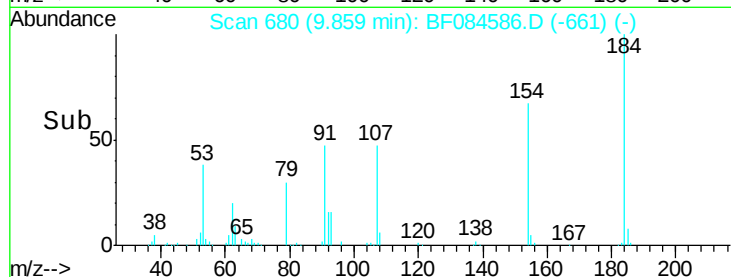
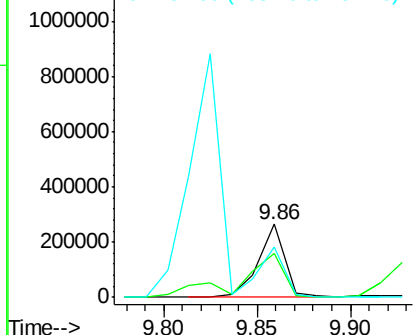
#53
2,4-Dinitrophenol
Concen: 92.16 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.08 min
Lab File: BF084586.D
Acq: 22 Jan 2016 13:45

Instrument :
BNA_F
ClientSampleId :
PB87895BS

Tgt Ion:184 Resp: 260102
Ion Ratio Lower Upper
184 100
63 59.9 43.1 64.7
154 69.0 60.5 90.7

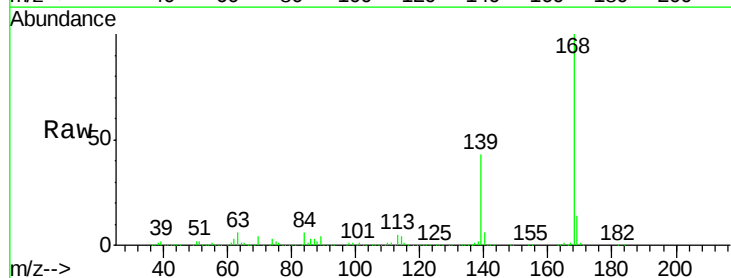


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

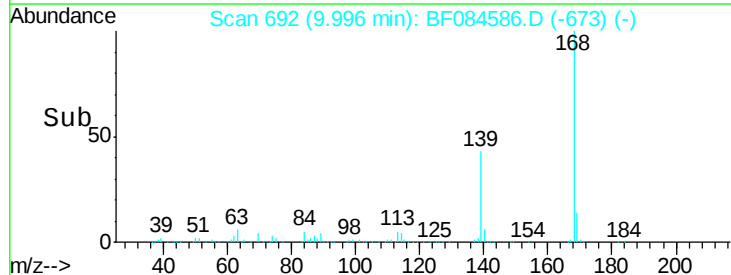
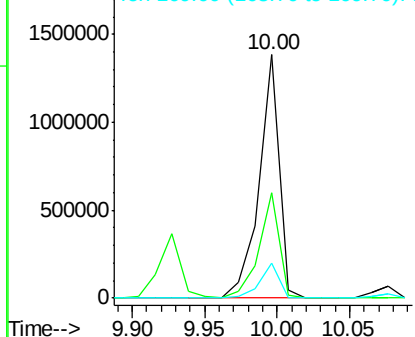


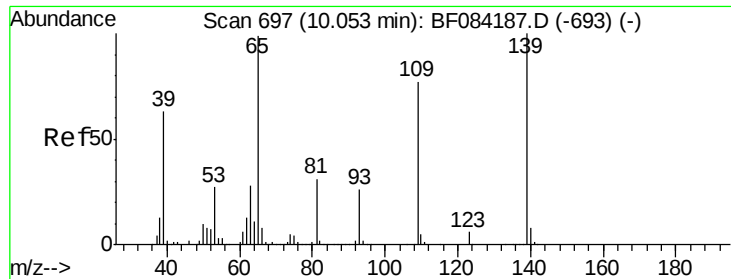
#54
Dibenzofuran
Concen: 39.08 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.08 min
Lab File: BF084586.D
Acq: 22 Jan 2016 13:45

Tgt Ion:168 Resp: 1328139
Ion Ratio Lower Upper
168 100
139 43.1 30.5 45.7
169 14.3 10.4 15.6



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

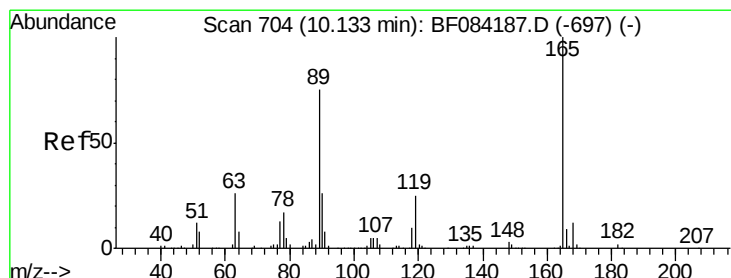
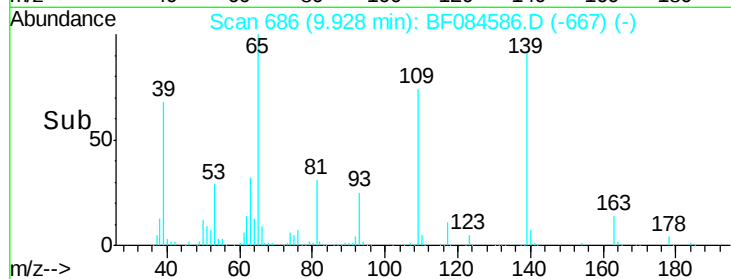
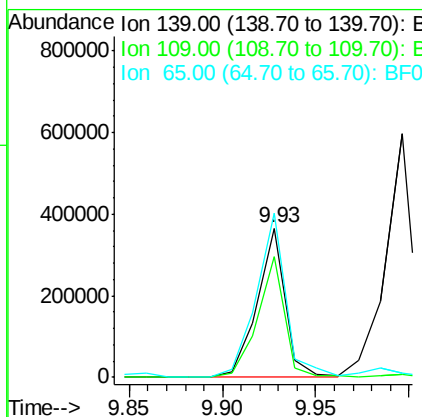
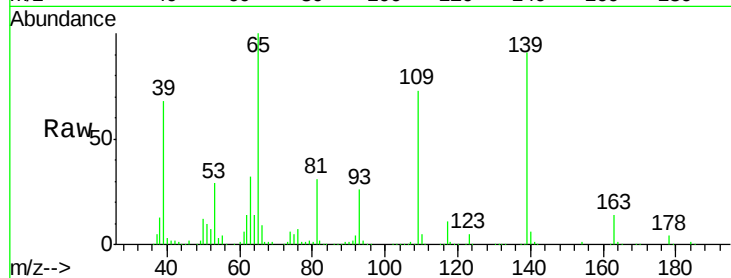




#55
4-Nitrophenol
Concen: 65.02 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.08 min
Lab File: BF084586.D
Acq: 22 Jan 2016 13:45

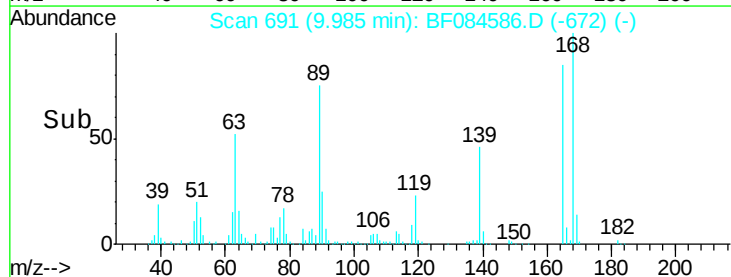
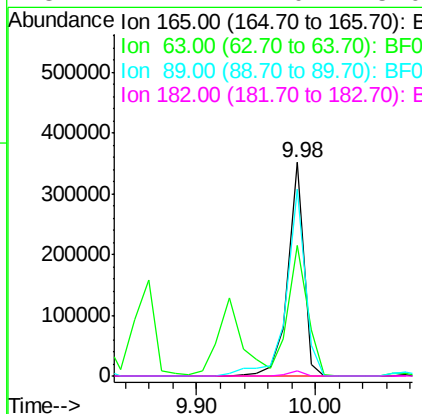
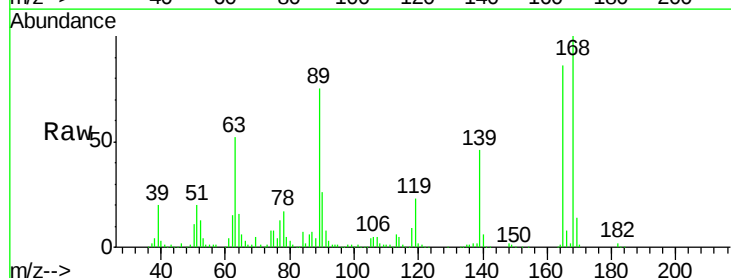
Instrument :
BNA_F
ClientSampleId :
PB87895BS

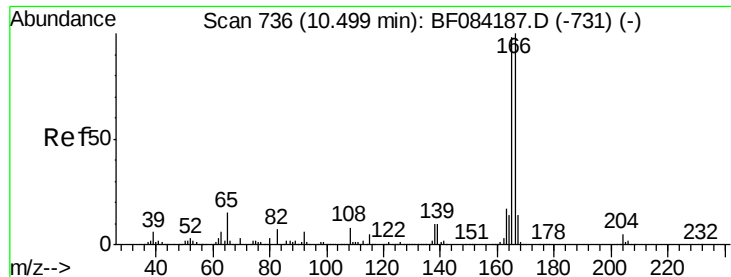
Tgt Ion:139 Resp: 385112
Ion Ratio Lower Upper
139 100
109 80.8 58.5 98.5
65 110.3 57.6 97.6#



#56
2,4-Dinitrotoluene
Concen: 38.69 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.08 min
Lab File: BF084586.D
Acq: 22 Jan 2016 13:45

Tgt Ion:165 Resp: 322472
Ion Ratio Lower Upper
165 100
63 60.9 36.7 55.1#
89 87.3 61.9 92.9
182 2.2 2.0 3.0





#57

Fluorene

Concen: 41.15 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.08 min

Lab File: BF084586.D

Acq: 22 Jan 2016 13:45

Instrument :

BNA_F

ClientSampleId :

PB87895BS

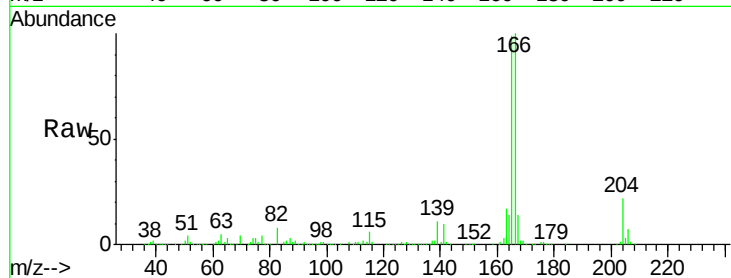
Tgt Ion:166 Resp: 1076129

Ion Ratio Lower Upper

166 100

165 99.3 79.1 118.7

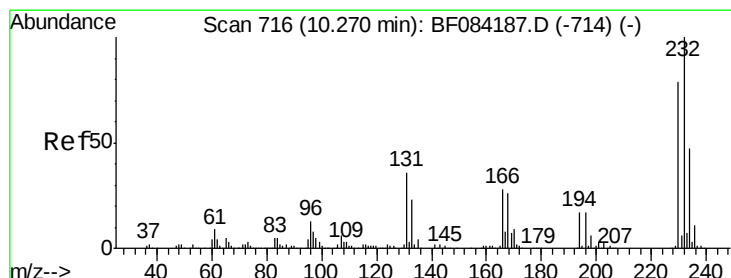
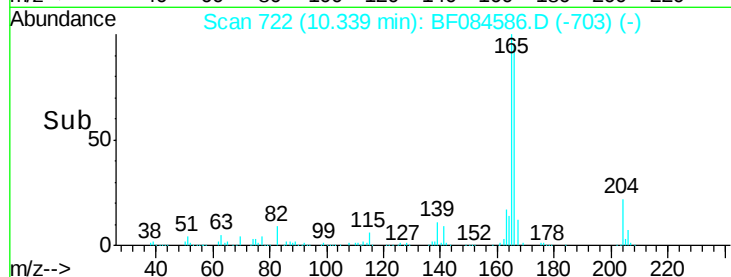
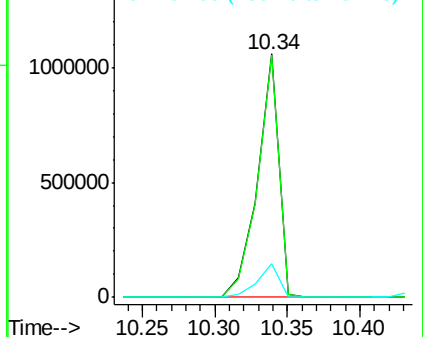
167 13.6 10.4 15.6



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: 34.86 ng

RT: 10.12 min Scan# 703

Delta R.T. -0.08 min

Lab File: BF084586.D

Acq: 22 Jan 2016 13:45

Tgt Ion:232 Resp: 257704

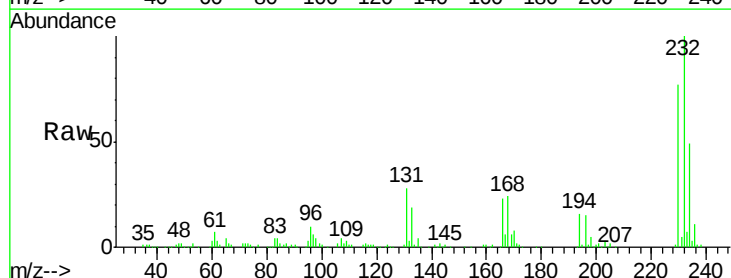
Ion Ratio Lower Upper

232 100

131 52.3 47.0 70.6

130 2.4 2.0 3.0

166 32.8 30.5 45.7

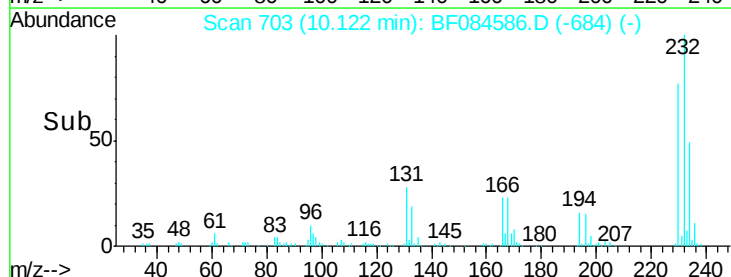
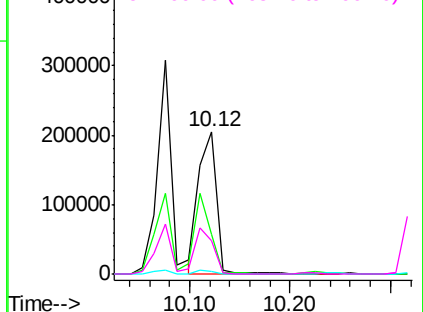


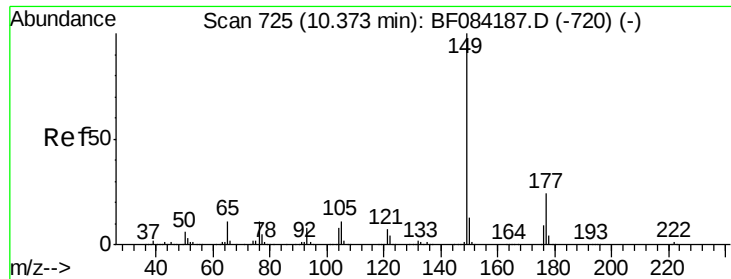
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

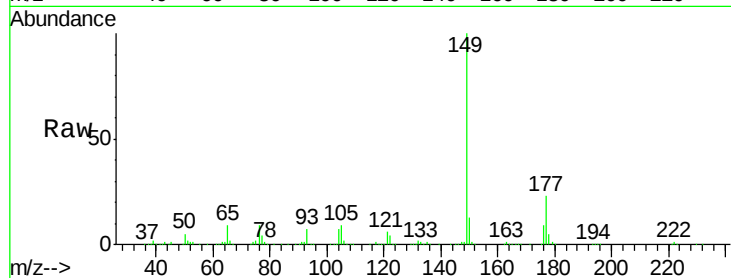




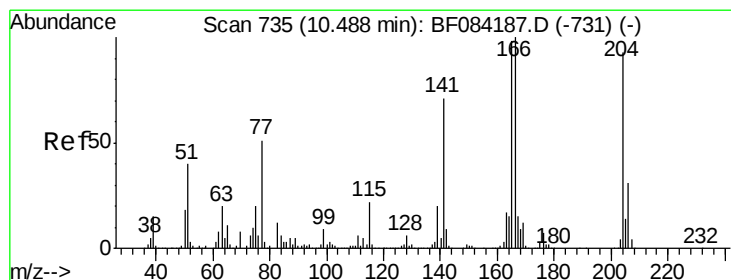
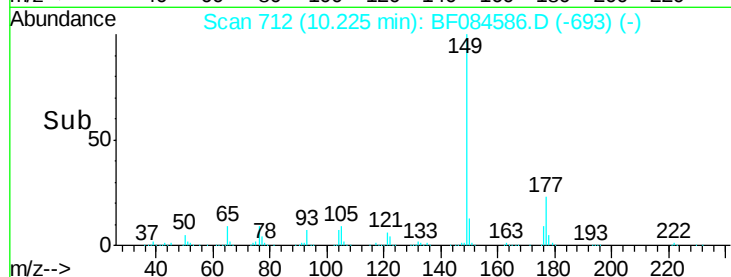
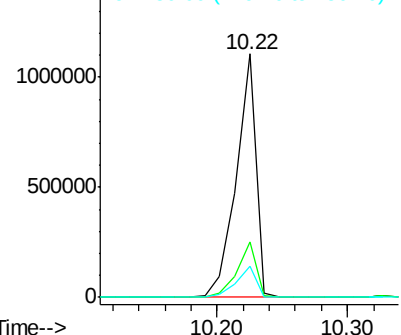
#59
Diethylphthalate
Concen: 39.51 ng
RT: 10.22 min Scan# 712
Delta R.T. -0.08 min
Lab File: BF084586.D
Acq: 22 Jan 2016 13:45

Instrument :
BNA_F
ClientSampleId :
PB87895BS

Tgt Ion:149 Resp: 1169591
Ion Ratio Lower Upper
149 100
177 22.9 17.3 25.9
150 12.6 9.8 14.8

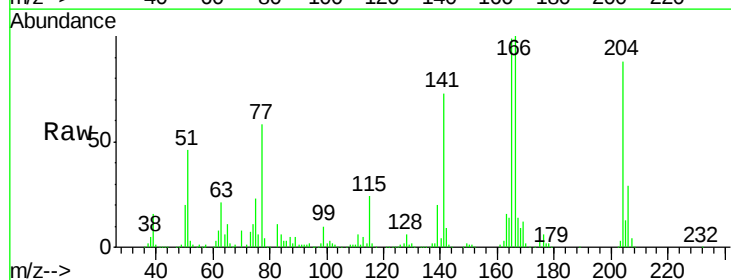


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

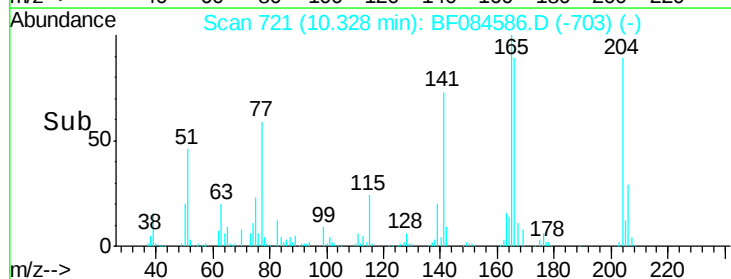
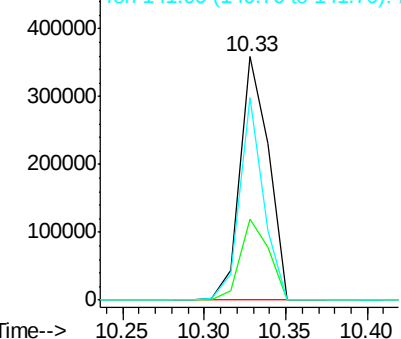


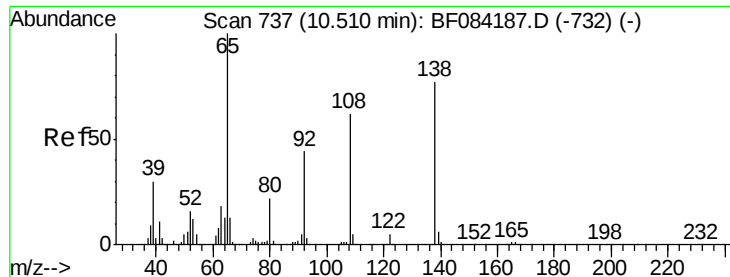
#60
4-Chlorophenyl-phenylether
Concen: 38.65 ng
RT: 10.33 min Scan# 721
Delta R.T. -0.09 min
Lab File: BF084586.D
Acq: 22 Jan 2016 13:45

Tgt Ion:204 Resp: 436562
Ion Ratio Lower Upper
204 100
206 33.1 25.7 38.5
141 83.4 55.1 82.7#



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

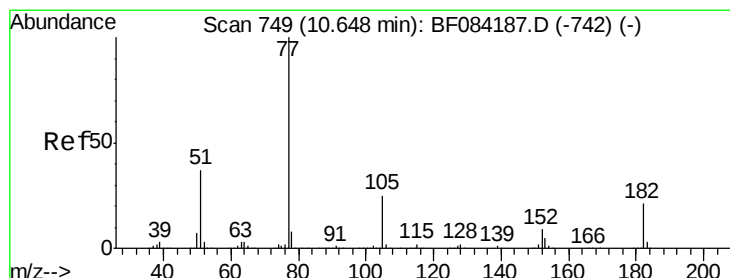
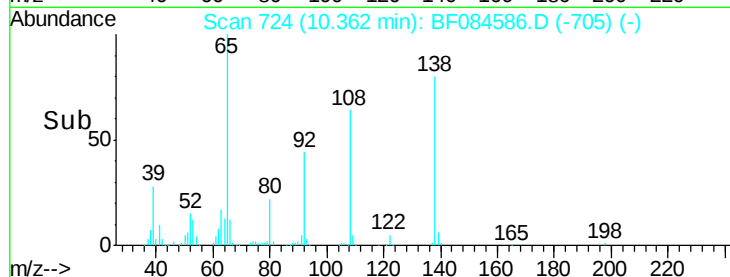
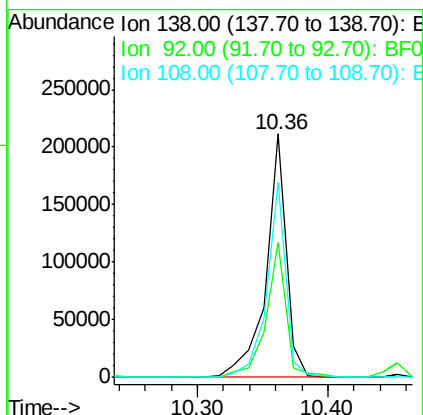
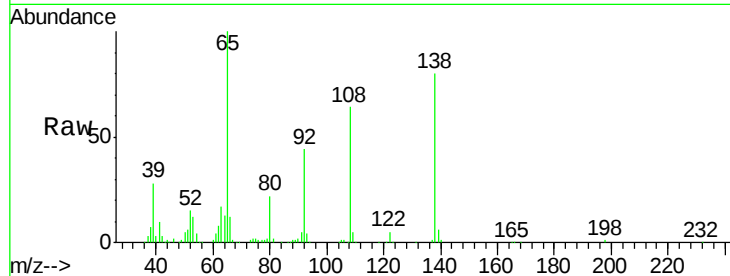




#61
4-Nitroaniline
Concen: 31.83 ng
RT: 10.36 min Scan# 724
Delta R.T. -0.08 min
Lab File: BF084586.D
Acq: 22 Jan 2016 13:45

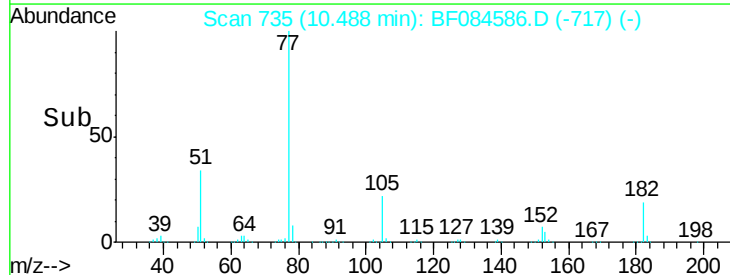
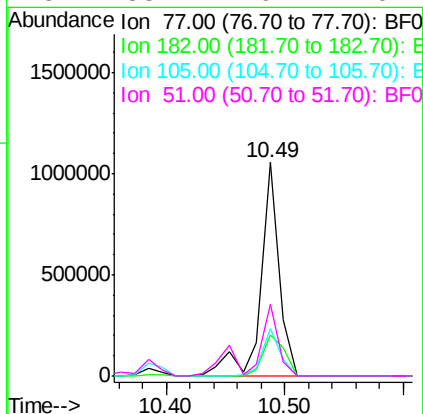
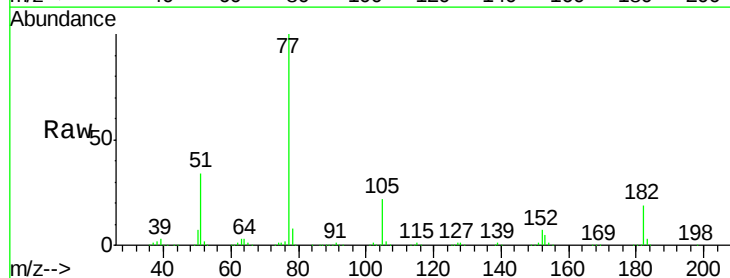
Instrument :
BNA_F
ClientSampled :
PB87895BS

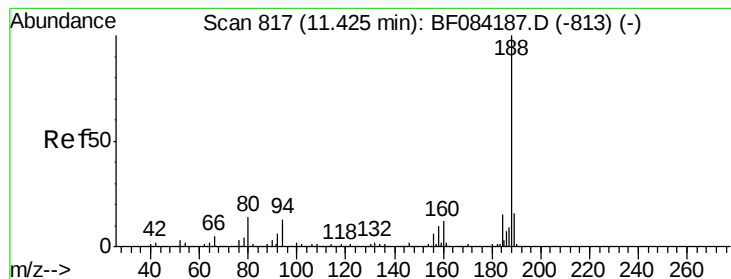
Tgt Ion:138 Resp: 231552
Ion Ratio Lower Upper
138 100
92 55.5 32.6 72.6
108 80.0 68.6 108.6



#62
Azobenzene
Concen: 35.68 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.09 min
Lab File: BF084586.D
Acq: 22 Jan 2016 13:45

Tgt Ion: 77 Resp: 1158383
Ion Ratio Lower Upper
77 100
182 18.9 8.3 48.3
105 22.4 4.6 44.6
51 33.7 6.2 46.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.26 min Scan# 803

Delta R.T. -0.09 min

Lab File: BF084586.D

Acq: 22 Jan 2016 13:45

Instrument :

BNA_F

ClientSampleId :

PB87895BS

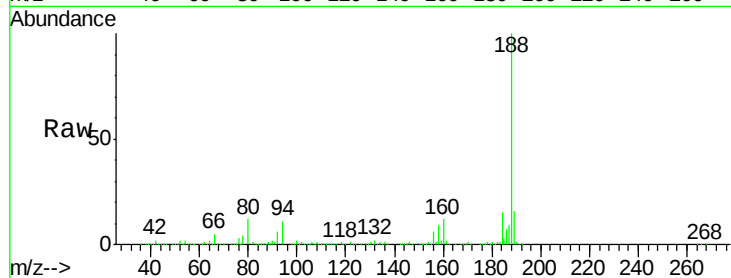
Tgt Ion:188 Resp: 760054

Ion Ratio Lower Upper

188 100

94 10.9 9.0 13.4

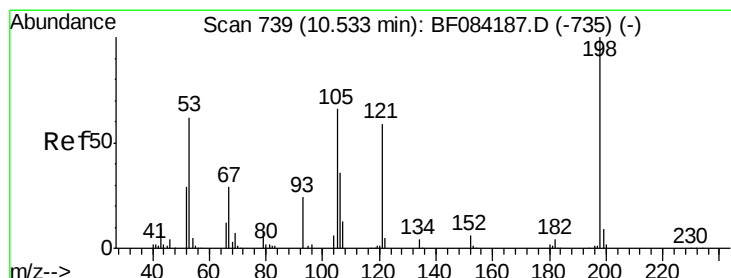
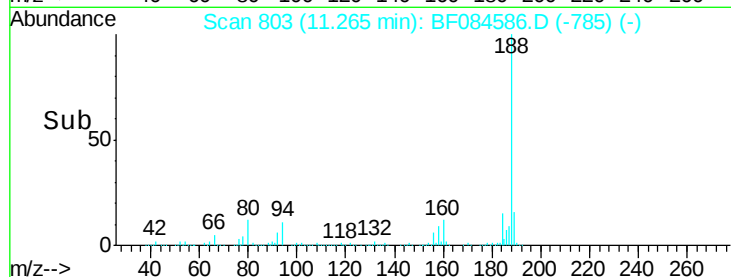
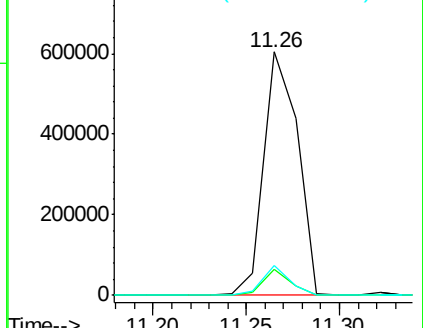
80 12.3 9.6 14.4



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: 38.15 ng

RT: 10.40 min Scan# 727

Delta R.T. -0.08 min

Lab File: BF084586.D

Acq: 22 Jan 2016 13:45

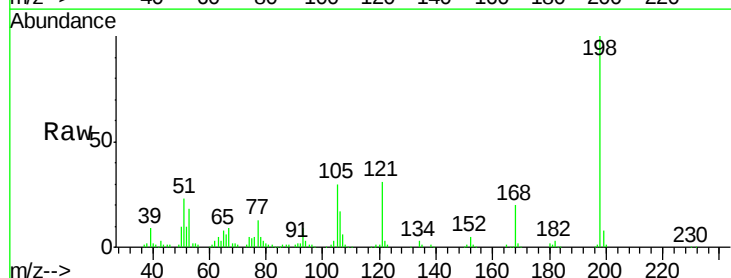
Tgt Ion:198 Resp: 177089

Ion Ratio Lower Upper

198 100

51 23.3 18.9 58.9

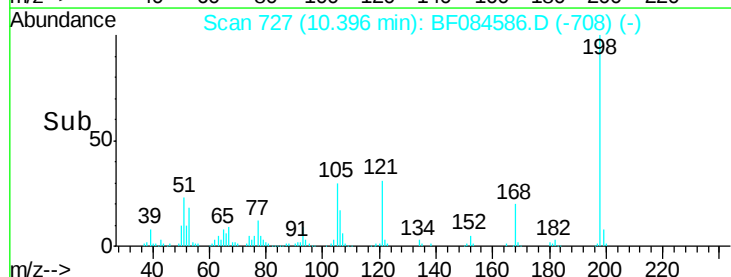
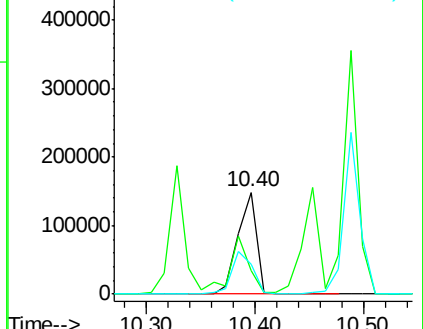
105 30.0 26.4 66.4

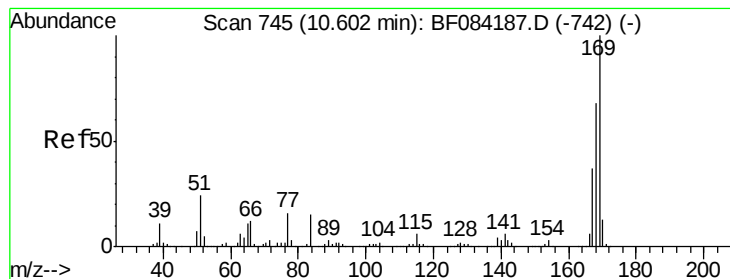


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 38.49 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.08 min

Lab File: BF084586.D

Acq: 22 Jan 2016 13:45

Instrument :

BNA_F

ClientSampleId :

PB87895BS

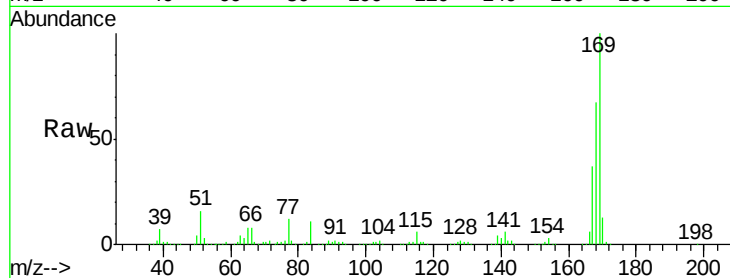
Tgt Ion:169 Resp: 935306

Ion Ratio Lower Upper

169 100

168 66.8 55.1 82.7

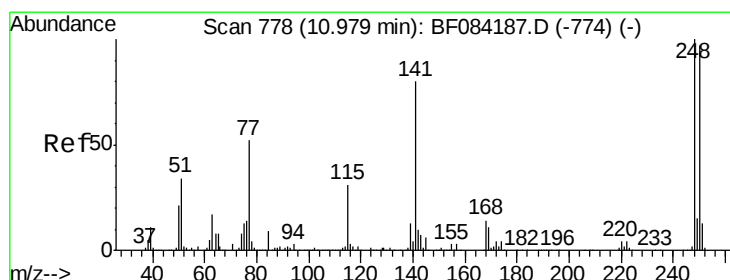
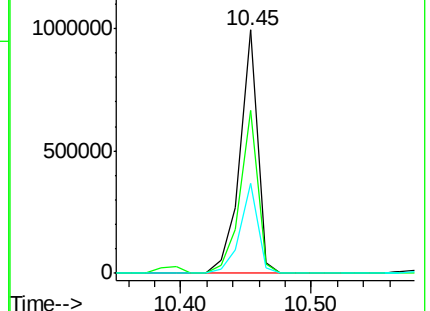
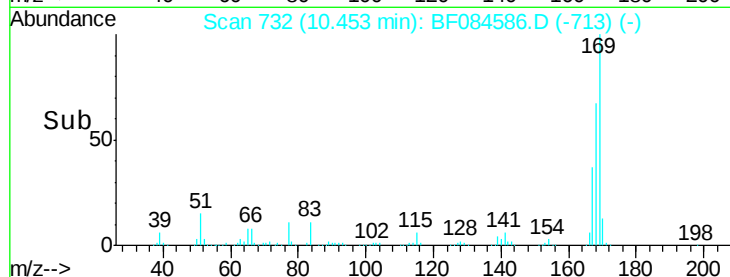
167 37.2 30.0 45.0



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: 37.02 ng

RT: 10.82 min Scan# 764

Delta R.T. -0.09 min

Lab File: BF084586.D

Acq: 22 Jan 2016 13:45

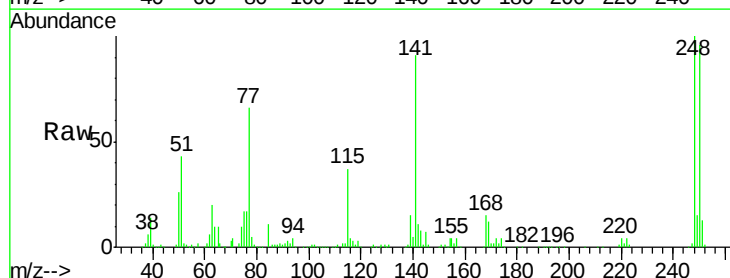
Tgt Ion:248 Resp: 302867

Ion Ratio Lower Upper

248 100

250 95.9 78.4 117.6

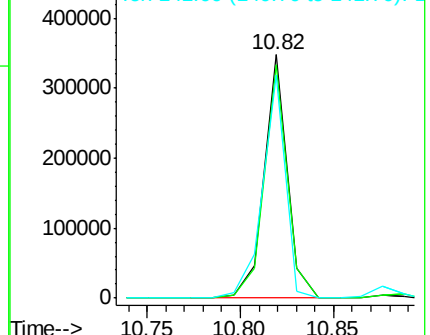
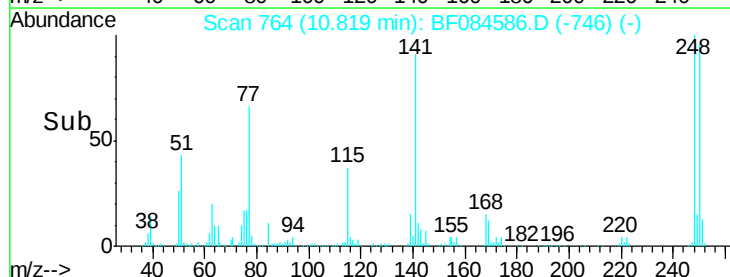
141 91.5 44.0 66.0#

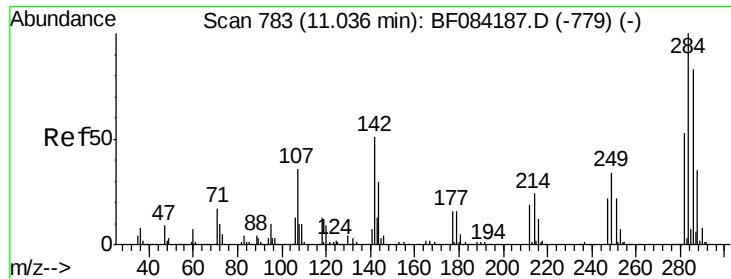


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

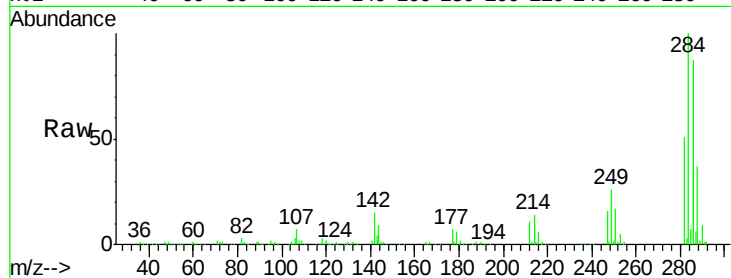




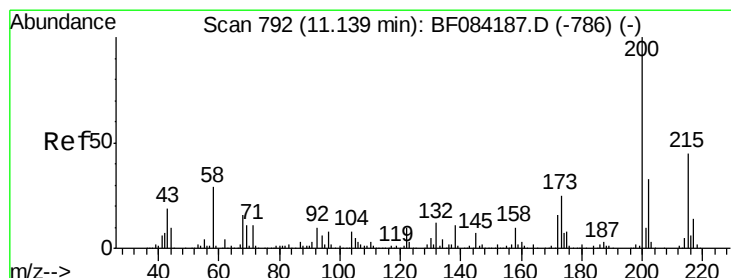
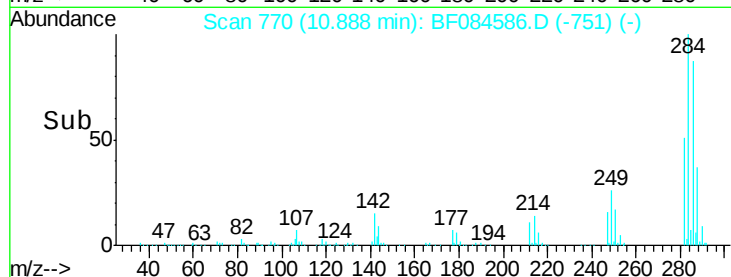
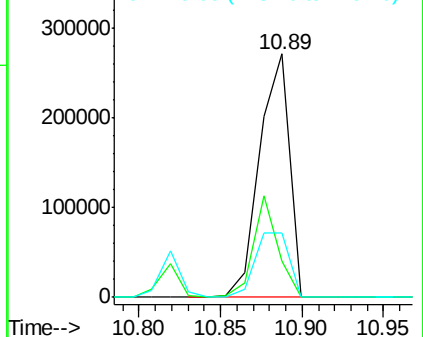
#67
Hexachlorobenzene
Concen: 37.42 ng
RT: 10.89 min Scan# 770
Delta R.T. -0.08 min
Lab File: BF084586.D
Acq: 22 Jan 2016 13:45

Instrument :
BNA_F
ClientSampleId :
PB87895BS

Tgt Ion:284 Resp: 344525
Ion Ratio Lower Upper
284 100
142 14.8 22.2 33.4#
249 26.2 24.6 37.0

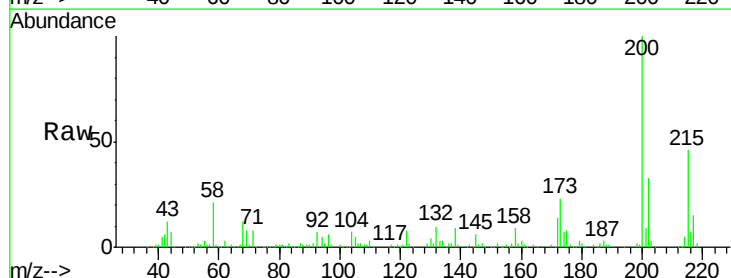


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

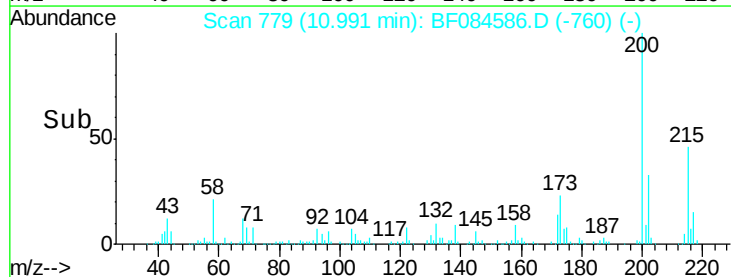
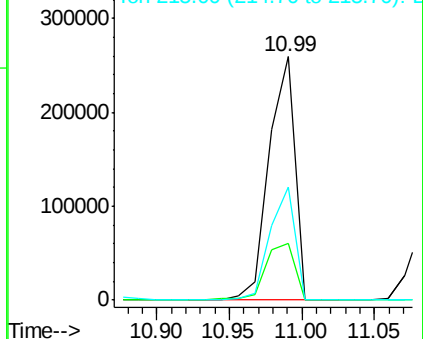


#68
Atrazine
Concen: 40.16 ng
RT: 10.99 min Scan# 779
Delta R.T. -0.08 min
Lab File: BF084586.D
Acq: 22 Jan 2016 13:45

Tgt Ion:200 Resp: 319403
Ion Ratio Lower Upper
200 100
173 23.3 9.5 49.5
215 46.5 23.8 63.8



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: 72.82 ng

RT: 11.08 min Scan# 787

Delta R.T. -0.08 min

Lab File: BF084586.D

Acq: 22 Jan 2016 13:45

Instrument :

BNA_F

ClientSampleId :

PB87895BS

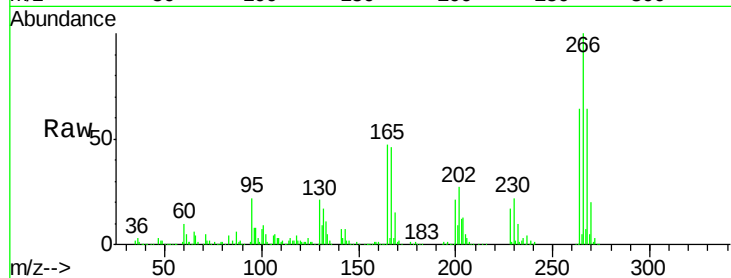
Tgt Ion:266 Resp: 347639

Ion Ratio Lower Upper

266 100

268 64.2 52.4 78.6

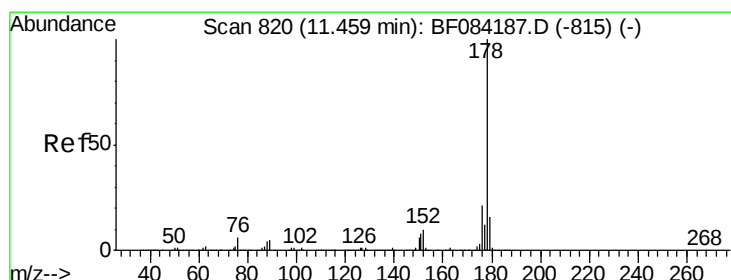
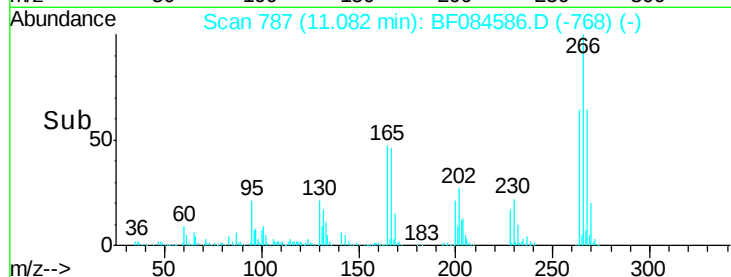
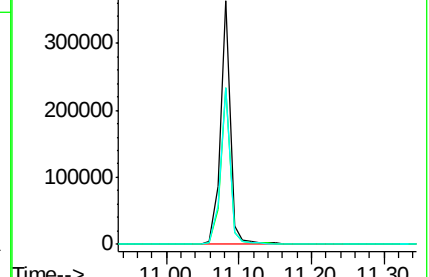
264 64.1 50.2 75.2



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: 41.17 ng

RT: 11.30 min Scan# 806

Delta R.T. -0.08 min

Lab File: BF084586.D

Acq: 22 Jan 2016 13:45

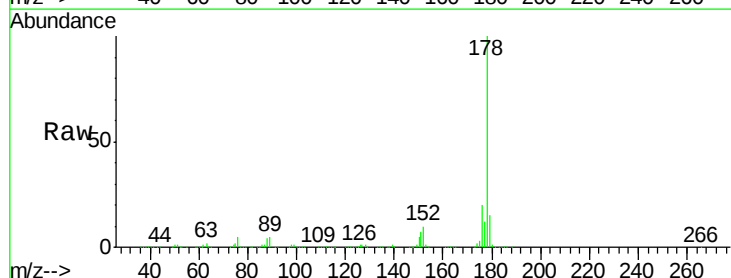
Tgt Ion:178 Resp: 1636920

Ion Ratio Lower Upper

178 100

176 19.8 15.3 22.9

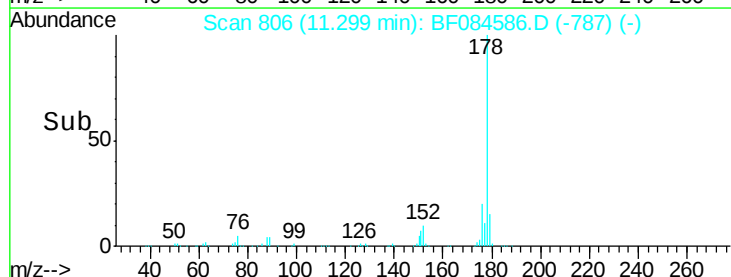
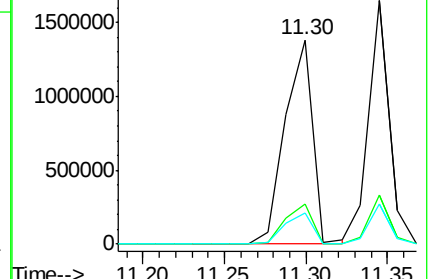
179 15.3 12.0 18.0

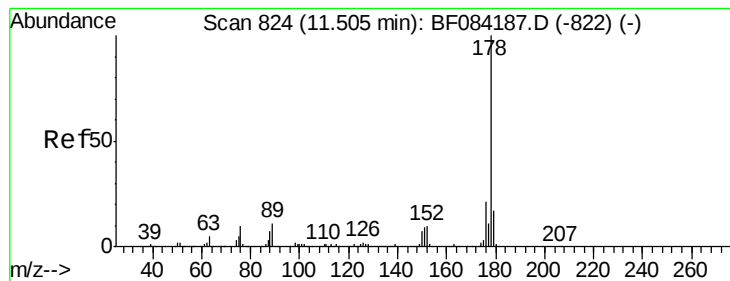


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 37.90 ng

RT: 11.34 min Scan# 810

Delta R.T. -0.09 min

Lab File: BF084586.D

Acq: 22 Jan 2016 13:45

Instrument :

BNA_F

ClientSampleId :

PB87895BS

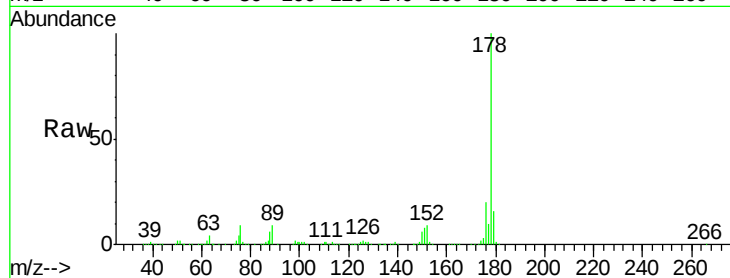
Tgt Ion:178 Resp: 1476886

Ion Ratio Lower Upper

178 100

176 19.9 15.4 23.0

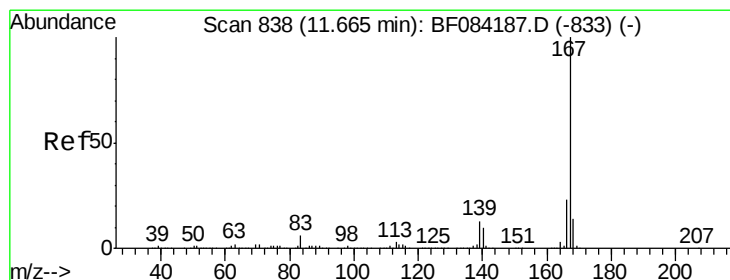
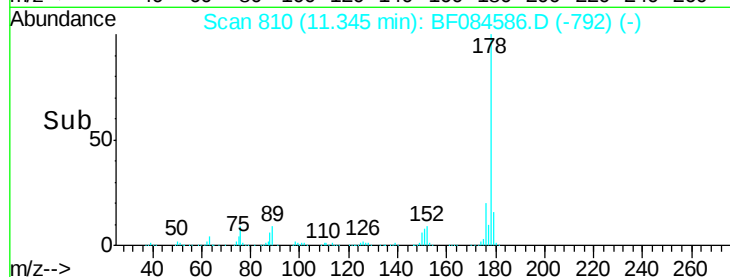
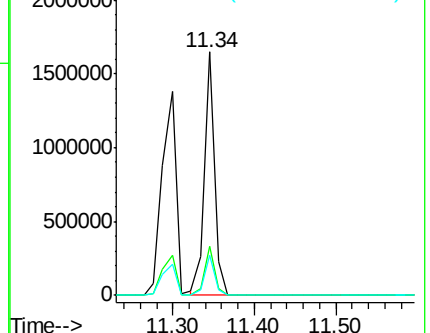
179 16.4 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 36.28 ng

RT: 11.50 min Scan# 824

Delta R.T. -0.09 min

Lab File: BF084586.D

Acq: 22 Jan 2016 13:45

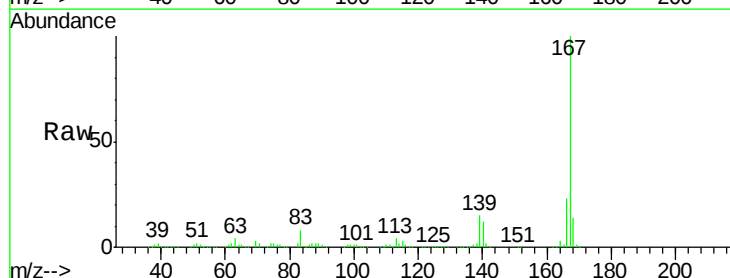
Tgt Ion:167 Resp: 1382354

Ion Ratio Lower Upper

167 100

166 22.7 17.6 26.4

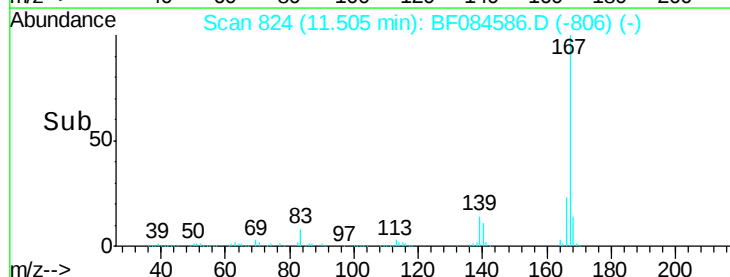
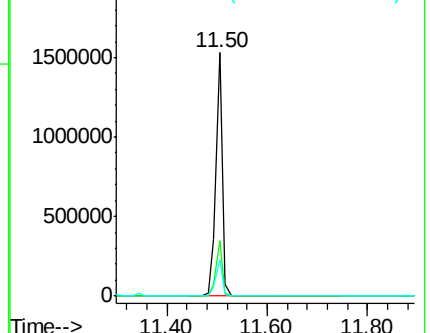
139 14.8 11.8 17.8

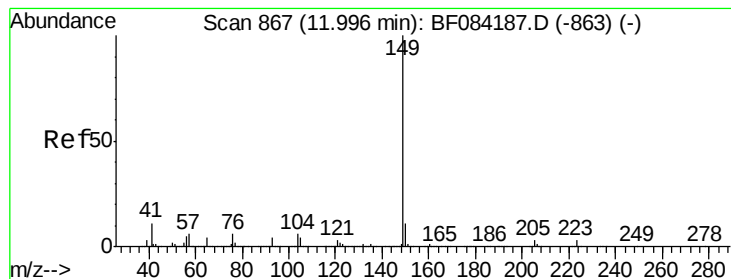


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 42.46 ng

RT: 11.85 min Scan# 854

Delta R.T. -0.08 min

Lab File: BF084586.D

Acq: 22 Jan 2016 13:45

Instrument :

BNA_F

ClientSampleId :

PB87895BS

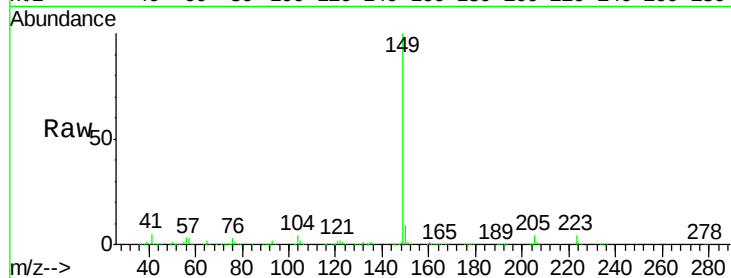
Tgt Ion:149 Resp: 1744746

Ion Ratio Lower Upper

149 100

150 9.4 7.1 10.7

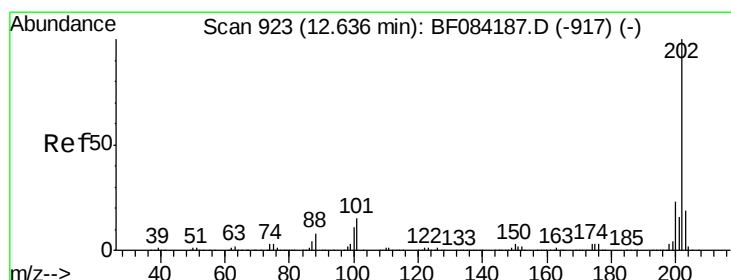
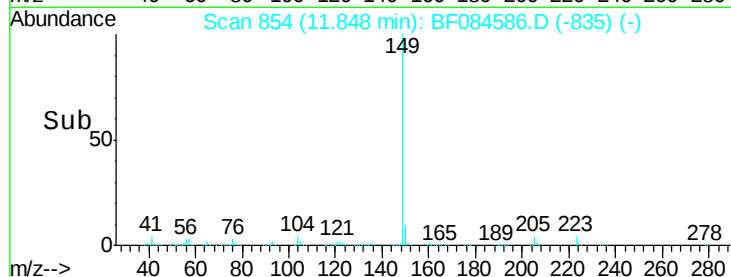
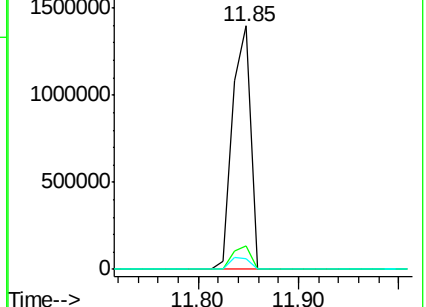
104 4.3 3.2 4.8



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: 36.03 ng

RT: 12.48 min Scan# 909

Delta R.T. -0.09 min

Lab File: BF084586.D

Acq: 22 Jan 2016 13:45

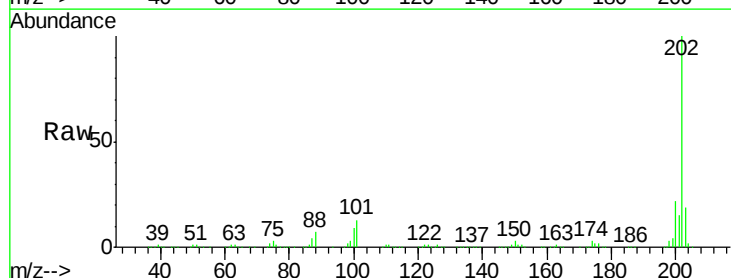
Tgt Ion:202 Resp: 1496397

Ion Ratio Lower Upper

202 100

101 12.6 0.0 32.8

203 18.8 0.0 37.9



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

