

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021715\
 Data File : BF077337.D
 Acq On : 18 Feb 2015 2:40
 Operator : TP/IZ
 Sample : PB81761BS
 Misc : S
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81761BS

Quant Time: Feb 18 03:39:29 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 18 02:50:27 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	58939	20.00	ng	0.00
21) Naphthalene-d8	8.96	136	244234	20.00	ng	0.00
38) Acenaphthene-d10	11.14	164	113788	20.00	ng	0.00
63) Phenanthrene-d10	12.98	188	238398	20.00	ng	0.00
75) Chrysene-d12	16.28	240	240988	20.00	ng	0.01
86) Perylene-d12	18.02	264	235823	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.68	112	407983	118.29	ng	0.01
7) Phenol-d6	6.92	99	507024	112.54	ng	0.00
23) Nitrobenzene-d5	8.06	82	267839	75.94	ng	0.00
41) 2,4,6-Tribromophenol	12.11	330	138583	130.74	ng	0.00
44) 2-Fluorobiphenyl	10.31	172	653737	86.61	ng	0.00
78) Terphenyl-d14	14.98	244	811661	76.57	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.38	88	47400	31.35	ng	97
3) Pyridine	3.14	79	141359	35.42	ng	92
4) n-Nitrosodimethylamine	3.06	42	63547	33.28	ng	97
6) Aniline	6.97	93	130556	20.52	ng	99
8) 2-Chlorophenol	7.10	128	151531	37.49	ng	99
9) Benzaldehyde	6.82	77	6244	2.25	ng	# 80
10) Phenol	7.06	94	6088	36.62	ng	# 85
11) bis(2-Chloroethyl)ether	7.06	93	136903	34.88	ng	99
12) 1,3-Dichlorobenzene	7.30	146	158258	34.70	ng	99
13) 1,4-Dichlorobenzene	7.40	146	164211	34.93	ng	99
14) 1,2-Dichlorobenzene	7.58	146	158818	35.03	ng	99
15) Benzyl Alcohol	7.55	79	122731	35.95	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.73	45	204820	34.67	ng	98
17) 2-Methylphenol	7.69	107	116744	36.23	ng	99
18) Hexachloroethane	8.01	117	52476	34.25	ng	96
19) n-Nitroso-di-n-propylamine	7.89	70	107180	34.24	ng	95
20) 3+4-Methylphenols	7.88	107	156169	37.23	ng	99
22) Acetophenone	7.88	105	210850	36.69	ng	# 99
24) Nitrobenzene	8.09	77	146544	38.55	ng	98
25) Isophorone	8.38	82	281078	35.36	ng	99
26) 2-Nitrophenol	8.49	139	45562	39.98	ng	97
27) 2,4-Dimethylphenol	8.54	122	135431	37.40	ng	93
28) bis(2-Chloroethoxy)methane	8.67	93	184820	36.13	ng	99
29) 2,4-Dichlorophenol	8.77	162	121024	38.89	ng	98
30) 1,2,4-Trichlorobenzene	8.89	180	139778	35.37	ng	99
31) Naphthalene	8.98	128	435805	35.66	ng	99
32) Benzoic acid	8.64	122	41535	44.13	ng	96
33) 4-Chloroaniline	9.05	127	79181	15.16	ng	99
34) Hexachlorobutadiene	9.14	225	77266	35.77	ng	99
35) Caprolactam	9.47	113	37511	39.17	ng	95
36) 4-Chloro-3-methylphenol	9.65	107	124158	36.26	ng	# 73
37) 2-Methylnaphthalene	9.85	142	306986	34.92	ng	99
39) 1,2,4,5-Tetrachlorobenzene	10.04	216	131983	40.17	ng	99
40) Hexachlorocyclopentadiene	10.03	237	134206	82.16	ng	98

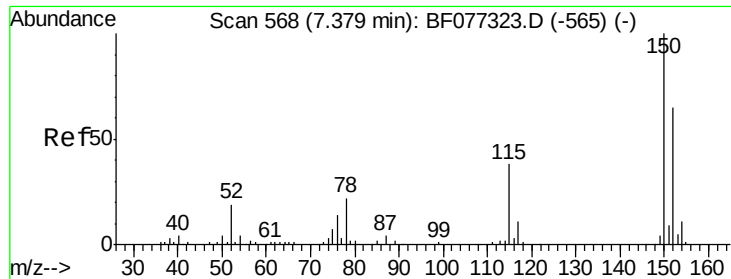
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021715\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.19	196	84720	46.02	ng	99
43) 2,4,5-Trichlorophenol	10.23	196	89272	45.36	ng	# 93
45) 1,1'-Biphenyl	10.42	154	366629	40.41	ng	100
46) 2-Chloronaphthalene	10.44	162	279210	41.43	ng	99
47) 2-Nitroaniline	10.57	65	64274	44.84	ng	98
48) Acenaphthylene	10.96	152	472362	42.51	ng	99
49) Dimethylphthalate	10.81	163	341851	43.66	ng	99
50) 2,6-Dinitrotoluene	10.88	165	60566	42.10	ng	97
51) Acenaphthene	11.17	154	289558	43.90	ng	100
52) 3-Nitroaniline	11.08	138	50256	29.73	ng	91
53) 2,4-Dinitrophenol	11.21	184	24678	110.27	ng	90
54) Dibenzofuran	11.39	168	409824	40.96	ng	100
55) 4-Nitrophenol	11.28	139	101651	86.55	ng	87
56) 2,4-Dinitrotoluene	11.38	165	85752	47.33	ng	98
57) Fluorene	11.81	166	327628	41.74	ng	98
58) 2,3,4,6-Tetrachlorophenol	11.54	232	71367	44.59	ng	98
59) Diethylphthalate	11.69	149	350753	43.03	ng	99
60) 4-Chlorophenyl-phenylether	11.83	204	157205	41.17	ng	99
61) 4-Nitroaniline	11.84	138	73276	44.04	ng	95
62) Azobenzene	12.02	77	336186	41.63	ng	97
64) 4,6-Dinitro-2-methylphenol	11.87	198	17211	40.85	ng	97
65) n-Nitrosodiphenylamine	11.96	169	284965	36.65	ng	99
66) 4-Bromophenyl-phenylether	12.43	248	97851	36.81	ng	99
67) Hexachlorobenzene	12.49	284	109159	36.20	ng	98
68) Atrazine	12.64	200	89444	38.48	ng	97
69) Pentachlorophenol	12.74	266	103533	87.66	ng	99
70) Phenanthrene	13.01	178	517937	37.39	ng	100
71) Anthracene	13.07	178	510616	37.07	ng	100
72) Carbazole	13.28	167	466621	38.53	ng	99
73) Di-n-butylphthalate	13.72	149	586465	39.34	ng	100
74) Fluoranthene	14.49	202	531305	37.98	ng	99
76) Benzidine	14.67	184	152126	20.55	ng	98
77) Pyrene	14.77	202	569418	38.22	ng	100
79) Butylbenzylphthalate	15.60	149	250758	42.26	ng	99
80) Benzo(a)anthracene	16.27	228	536149	38.20	ng	99
81) 3,3'-Dichlorobenzidine	16.24	252	130804	28.22	ng	99
82) Chrysene	16.31	228	508078	38.29	ng	100
83) Bis(2-ethylhexyl)phthalate	16.32	149	407102	40.96	ng	99
84) Di-n-octyl phthalate	17.11	149	684220	42.72	ng	98
87) Benzo(b)fluoranthene	17.56	252	591839	39.04	ng	# 96
88) Benzo(k)fluoranthene	17.60	252	444453	35.49	ng	98
89) Benzo(a)pyrene	17.95	252	513280	38.90	ng	# 96
90) Dibenzo(a,h)anthracene	19.57	278	533034	39.70	ng	98
91) Benzo(g,h,i)perylene	20.00	276	533834	39.98	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.38 min Scan# 568

Delta R.T. 0.00 min

Lab File: BF077337.D

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PB81761BS

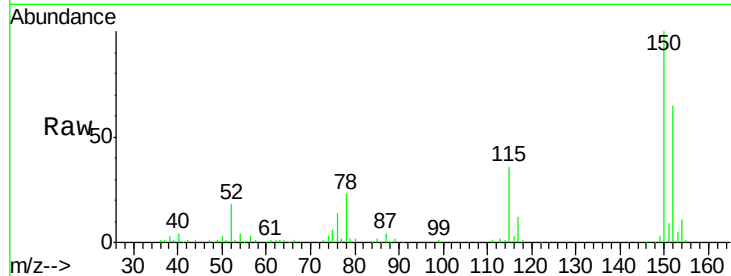
Tgt Ion:152 Resp: 58939

Ion Ratio Lower Upper

152 100

150 153.0 123.1 184.7

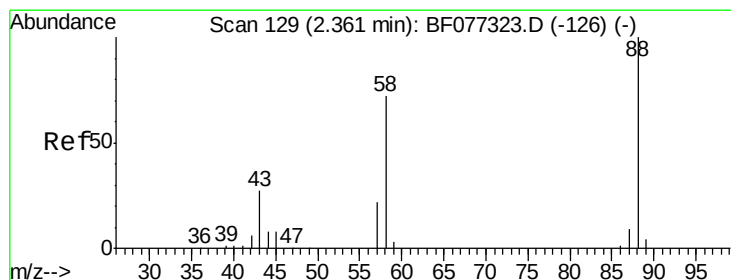
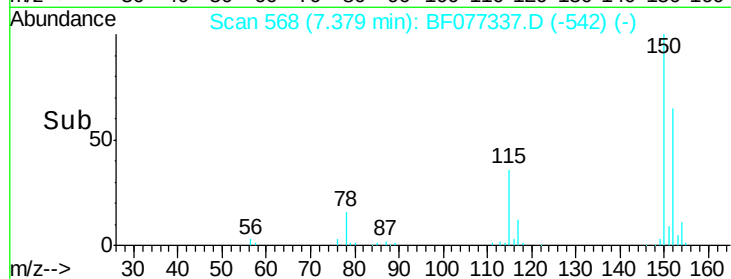
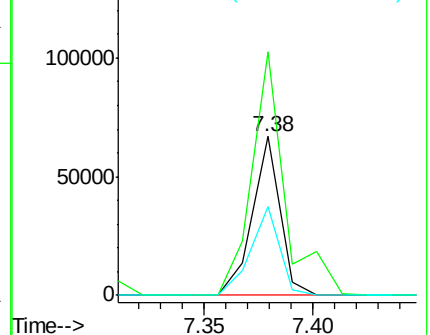
115 55.7 46.2 69.4



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: 31.35 ng

RT: 2.38 min Scan# 131

Delta R.T. 0.02 min

Lab File: BF077337.D

Acq: 18 Feb 2015 2:40

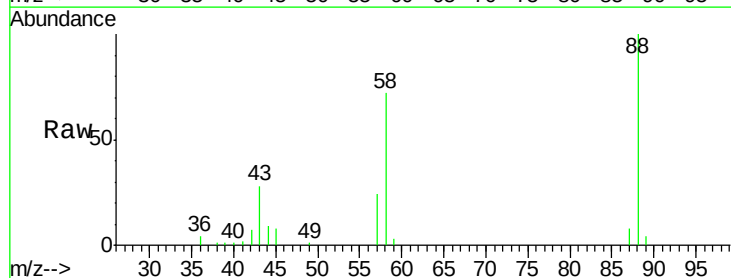
Tgt Ion: 88 Resp: 47400

Ion Ratio Lower Upper

88 100

58 75.1 57.8 86.6

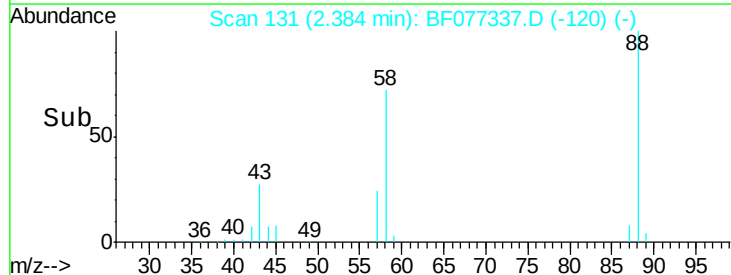
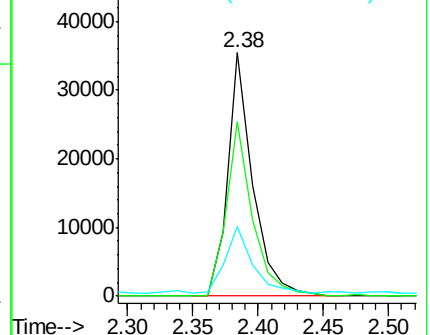
43 30.4 23.2 34.8

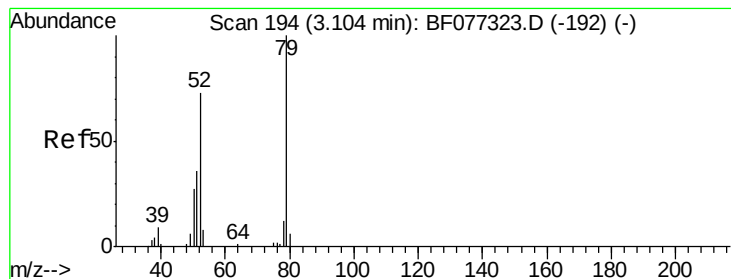


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 35.42 ng

RT: 3.14 min Scan# 197

Delta R.T. 0.03 min

Lab File: BF077337.D

Acq: 18 Feb 2015 2:40

Instrument :

BNA_F

ClientSampleId :

PB81761BS

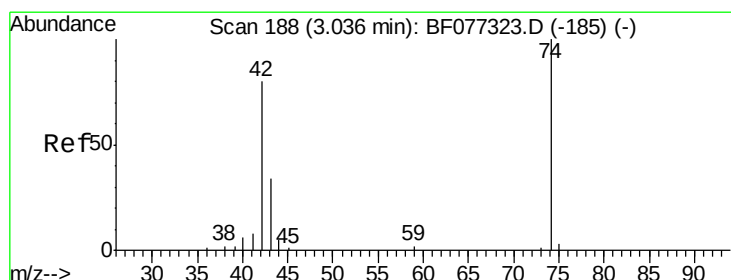
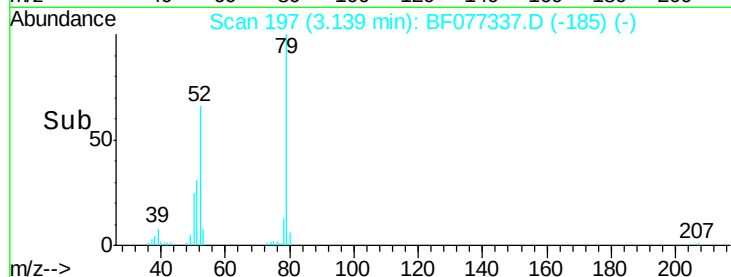
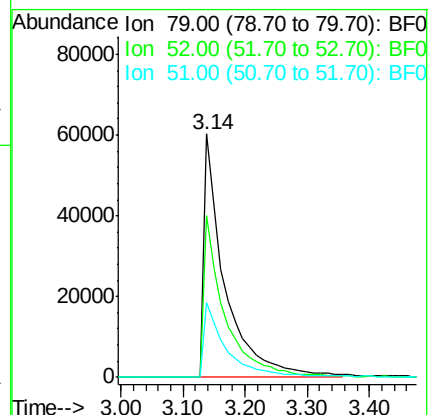
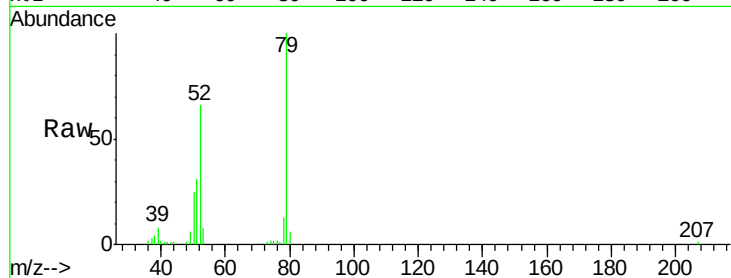
Tgt Ion: 79 Resp: 141359

Ion Ratio Lower Upper

79 100

52 66.4 58.4 87.6

51 30.9 29.0 43.4



#4

n-Nitrosodimethylamine

Concen: 33.28 ng

RT: 3.06 min Scan# 190

Delta R.T. 0.02 min

Lab File: BF077337.D

Acq: 18 Feb 2015 2:40

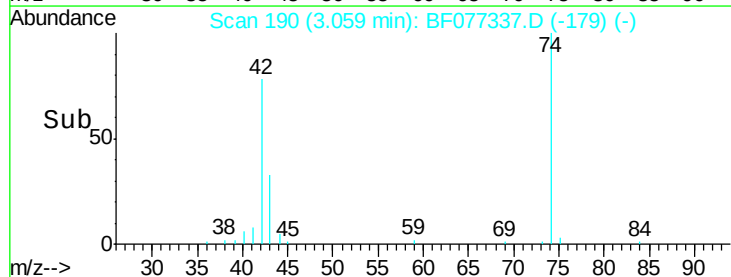
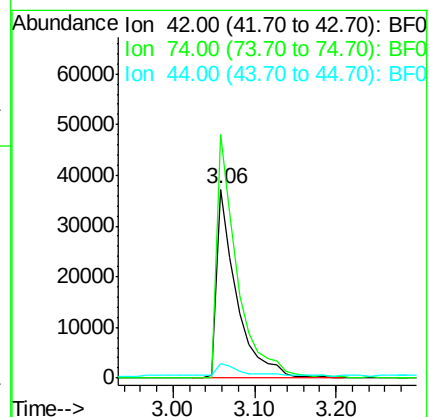
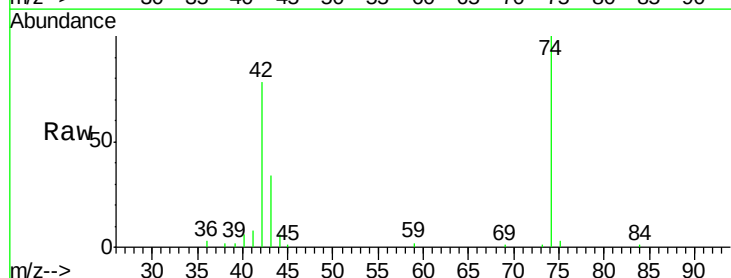
Tgt Ion: 42 Resp: 63547

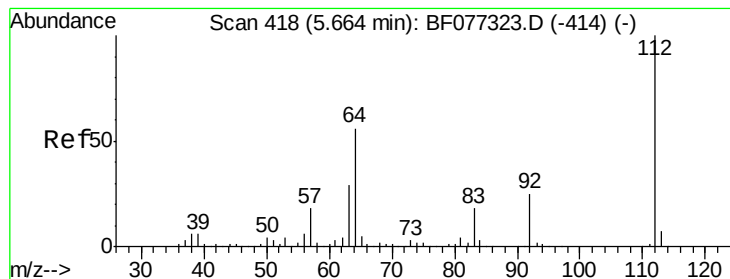
Ion Ratio Lower Upper

42 100

74 128.7 100.0 150.0

44 7.9 6.1 9.1





#5

2-Fluorophenol

Concen: 118.29 ng

RT: 5.68 min Scan# 419

Delta R.T. 0.01 min

Lab File: BF077337.D

Acq: 18 Feb 2015 2:40

Instrument :

BNA_F

ClientSampled :

PB81761BS

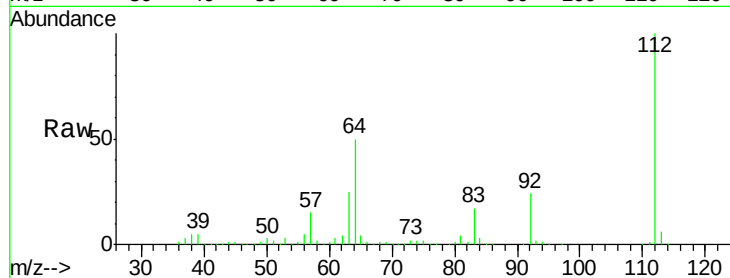
Tgt Ion: 112 Resp: 407983

Ion Ratio Lower Upper

112 100

64 49.7 44.7 67.1

63 24.9 23.3 34.9



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

400000

300000

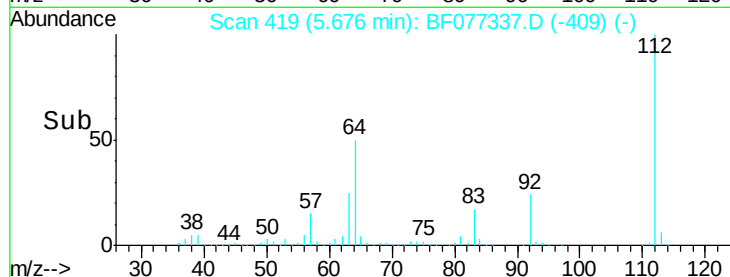
200000

100000

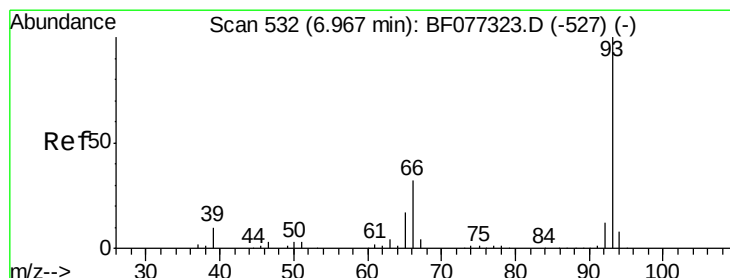
0

5.60 5.65 5.70 5.75 5.80

5.68



Time-->



#6

Aniline

Concen: 20.52 ng

RT: 6.97 min Scan# 532

Delta R.T. 0.00 min

Lab File: BF077337.D

Acq: 18 Feb 2015 2:40

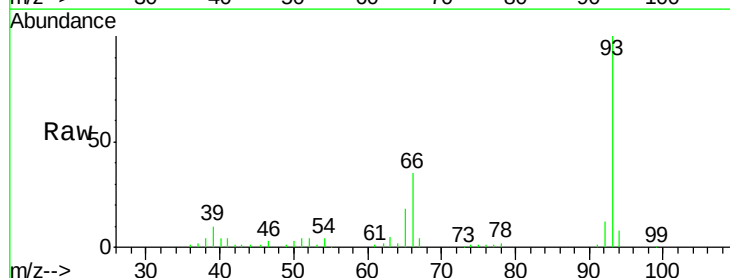
Tgt Ion: 93 Resp: 130556

Ion Ratio Lower Upper

93 100

66 34.8 28.3 42.5

65 17.8 14.1 21.1



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

150000

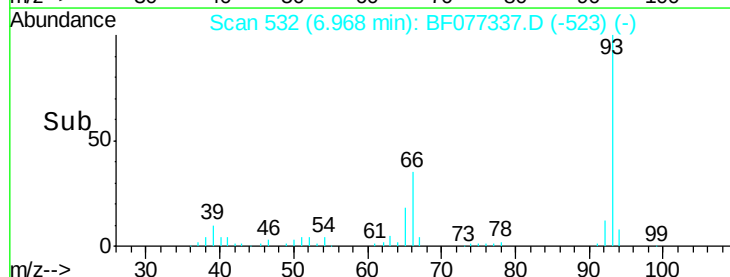
100000

50000

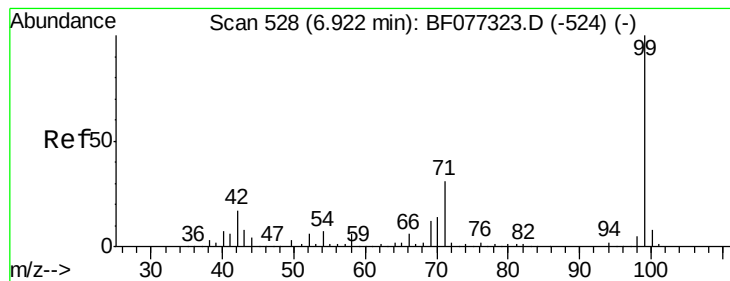
0

6.90 6.95 7.00 7.05

6.97



Time-->



#7

Phenol-d6

Concen: 112.54 ng

RT: 6.92 min Scan# 528

Delta R.T. 0.00 min

Lab File: BF077337.D

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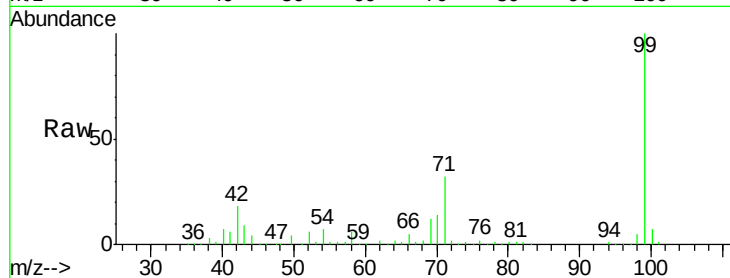
Tgt Ion: 99 Resp: 507024

Ion Ratio Lower Upper

99 100

42 18.2 13.8 20.6

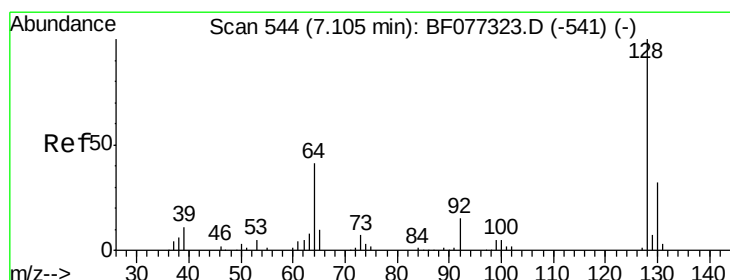
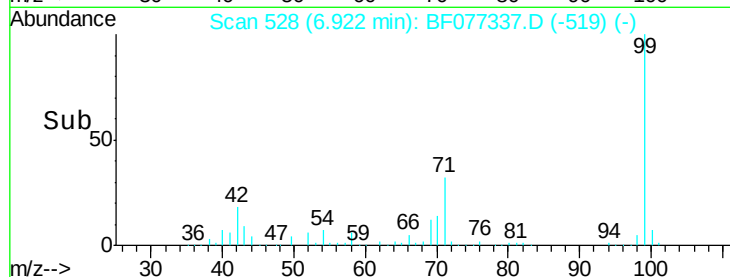
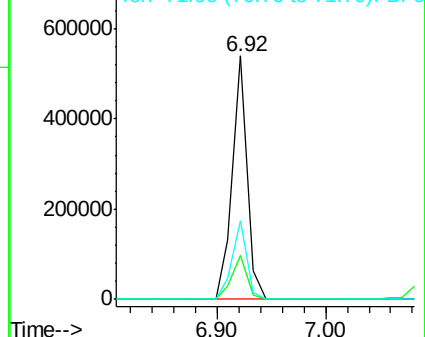
71 32.0 24.6 37.0



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: 37.49 ng

RT: 7.10 min Scan# 544

Delta R.T. 0.00 min

Lab File: BF077337.D

Acq: 18 Feb 2015 2:40

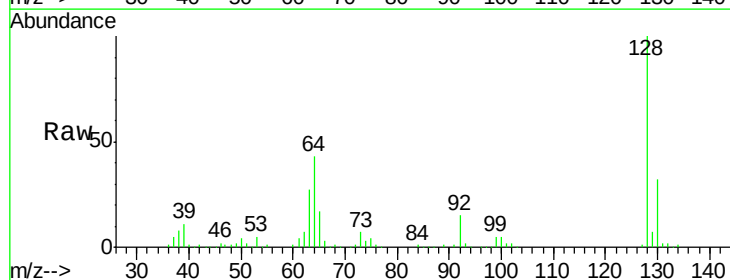
Tgt Ion: 128 Resp: 151531

Ion Ratio Lower Upper

128 100

130 31.8 12.4 52.4

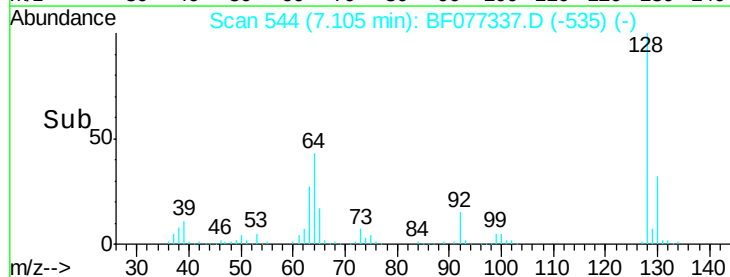
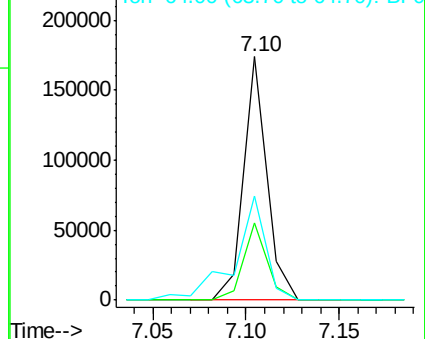
64 42.8 23.2 63.2

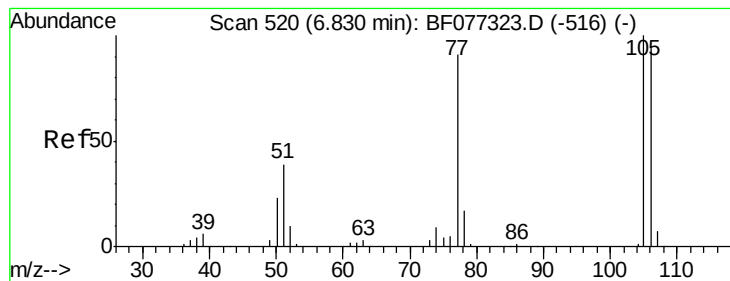


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 2.25 ng

RT: 6.82 min Scan# 519

Delta R.T. -0.01 min

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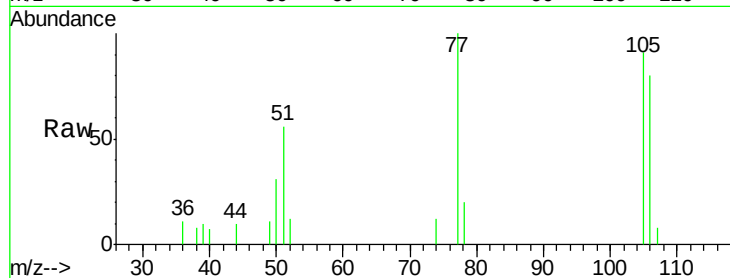
Tgt Ion: 77 Resp: 6244

Ion Ratio Lower Upper

77 100

105 90.7 89.5 129.5

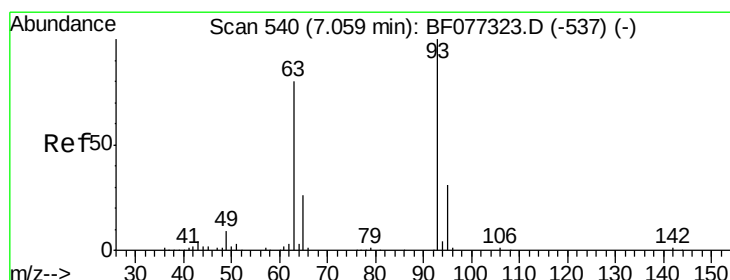
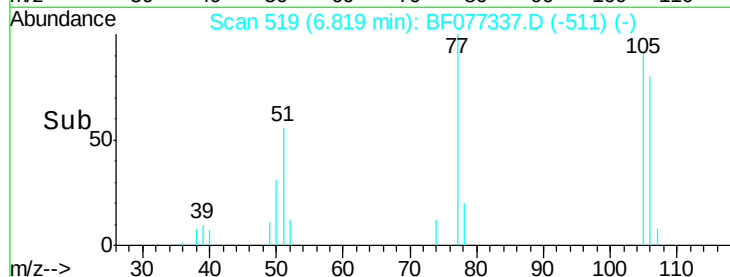
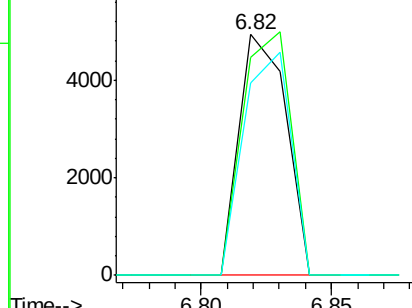
106 80.0 83.2 123.2#



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: 36.62 ng

RT: 7.06 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF077337.D

Acq: 18 Feb 2015 2:40

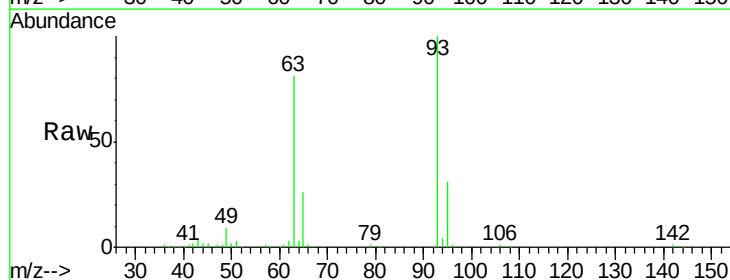
Tgt Ion: 94 Resp: 6088

Ion Ratio Lower Upper

94 100

65 684.8 718.6 758.6#

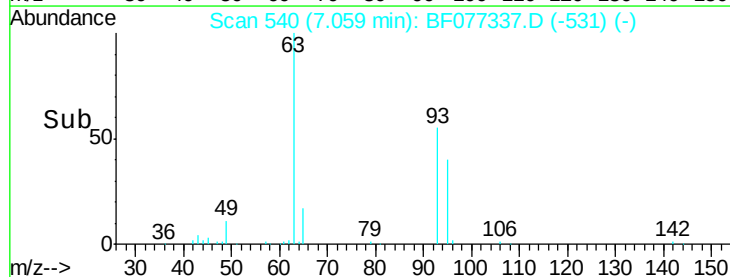
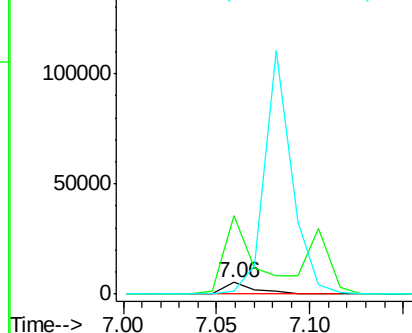
66 22.4 0.0 37.8

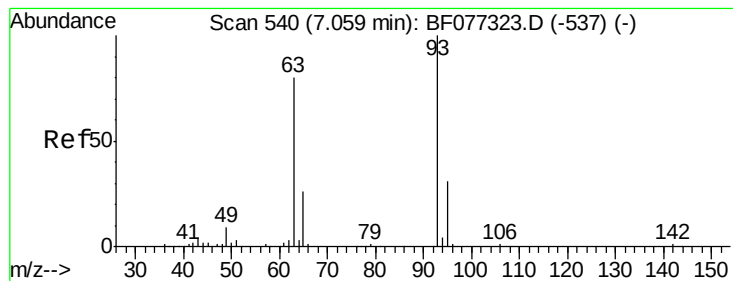


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 34.88 ng

RT: 7.06 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF077337.D

Acq: 18 Feb 2015 2:40

Instrument :

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ClientSampleId :

PB81761BS

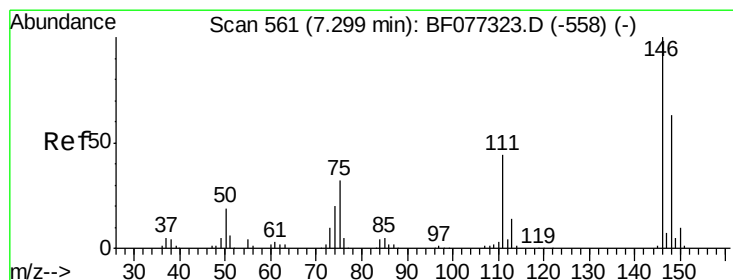
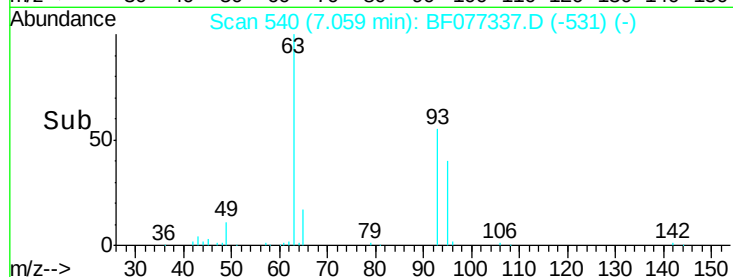
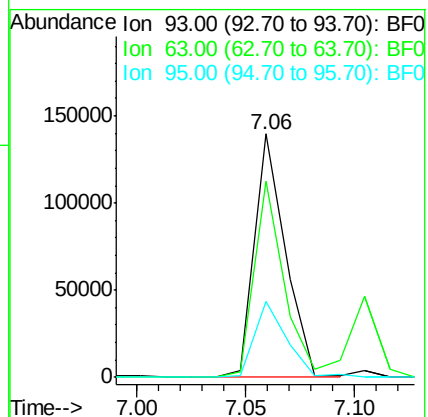
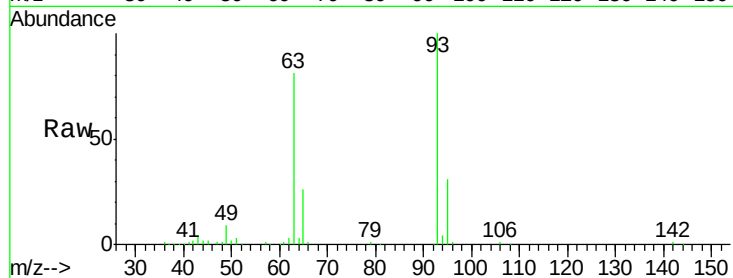
Tgt Ion: 93 Resp: 136903

Ion Ratio Lower Upper

93 100

63 80.8 60.0 100.0

95 31.3 11.4 51.4



#12

1,3-Dichlorobenzene

Concen: 34.70 ng

RT: 7.30 min Scan# 561

Delta R.T. 0.00 min

Lab File: BF077337.D

Acq: 18 Feb 2015 2:40

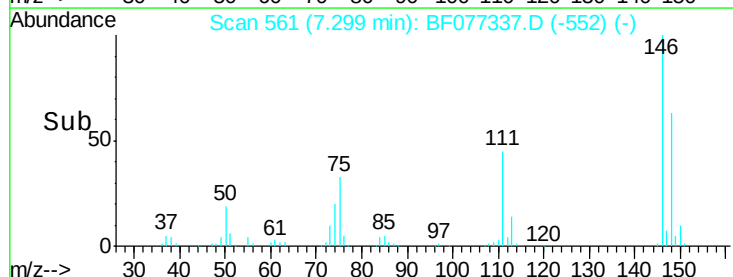
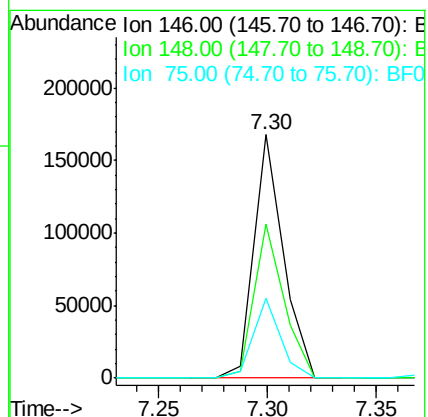
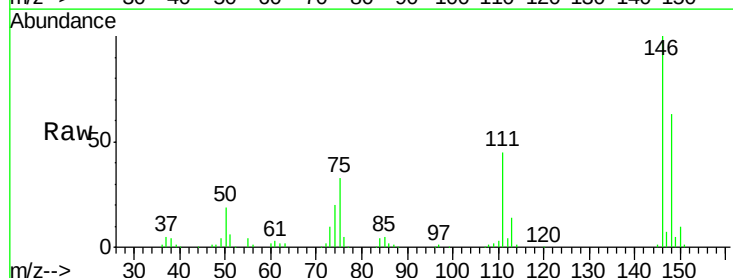
Tgt Ion: 146 Resp: 158258

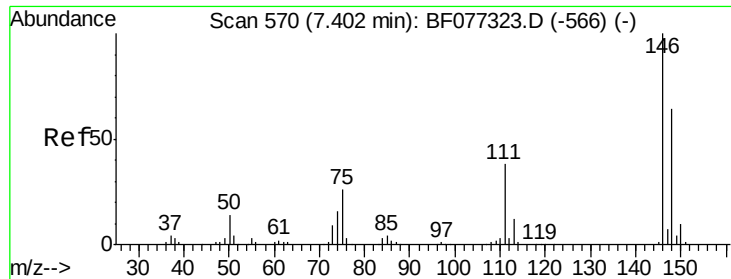
Ion Ratio Lower Upper

146 100

148 63.4 50.2 75.4

75 32.7 25.9 38.9

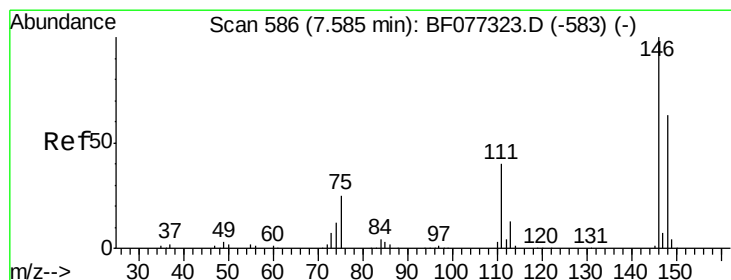
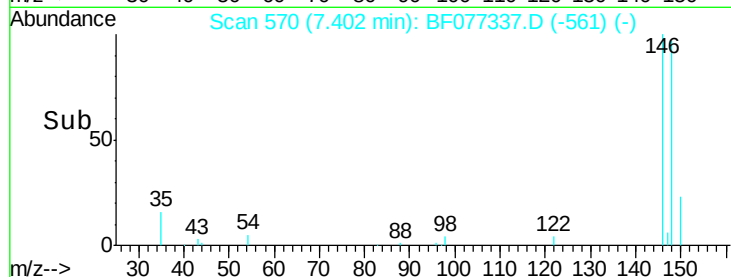
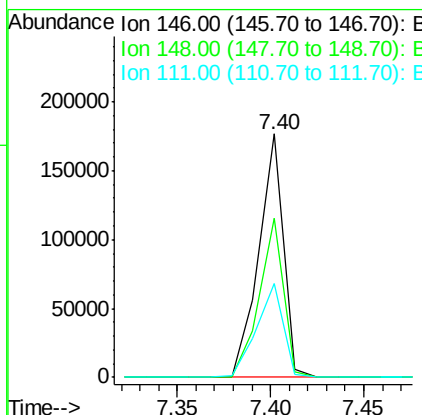
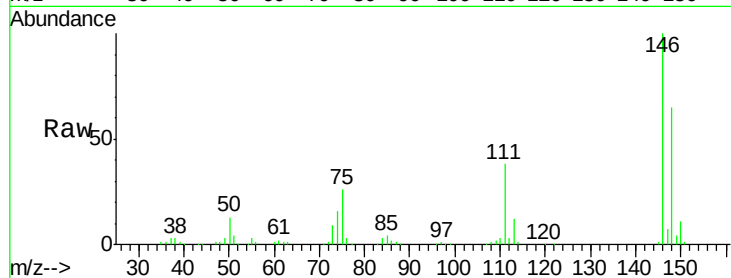




#13
 1,4-Dichlorobenzene
 Concen: 34.93 ng
 RT: 7.40 min Scan# 570
 Delta R.T. 0.00 min
 Lab File: BF077337.D
 Acq: 18 Feb 2015 2:40

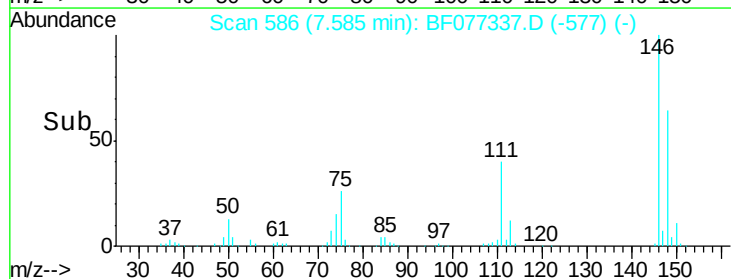
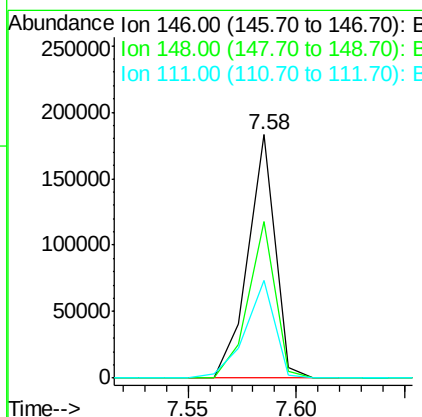
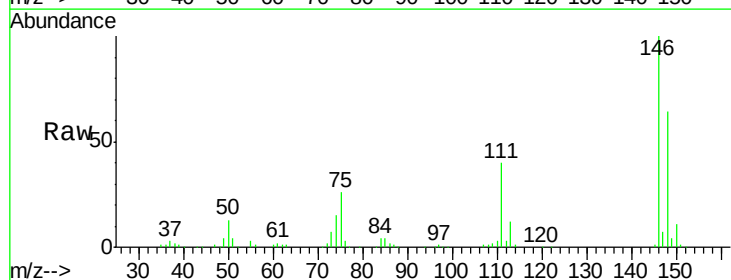
Instrument :
 BNA_F
 ClientSampleId :
 PB81761BS

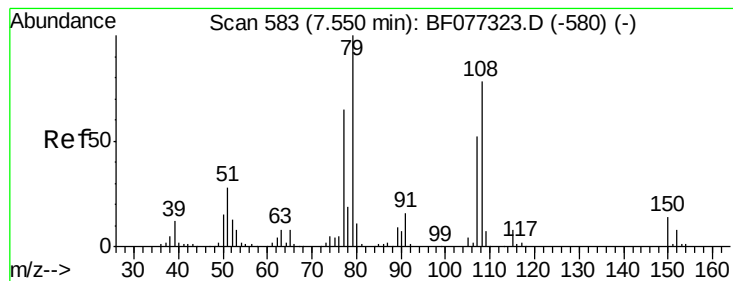
Tgt Ion:146 Resp: 164211
 Ion Ratio Lower Upper
 146 100
 148 65.1 51.6 77.4
 111 38.4 30.7 46.1



#14
 1,2-Dichlorobenzene
 Concen: 35.03 ng
 RT: 7.58 min Scan# 586
 Delta R.T. 0.00 min
 Lab File: BF077337.D
 Acq: 18 Feb 2015 2:40

Tgt Ion:146 Resp: 158818
 Ion Ratio Lower Upper
 146 100
 148 64.1 50.3 75.5
 111 40.4 31.8 47.8





#15

Benzyl Alcohol

Concen: 35.95 ng

RT: 7.55 min Scan# 583

Delta R.T. 0.00 min

Lab File: BF077337.D

Acq: 18 Feb 2015 2:40

Instrument :

BNA_F

ClientSampleId :

PB81761BS

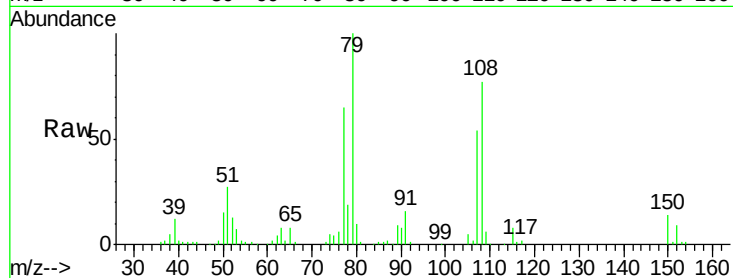
Tgt Ion: 79 Resp: 122731

Ion Ratio Lower Upper

79 100

108 77.0 62.0 93.0

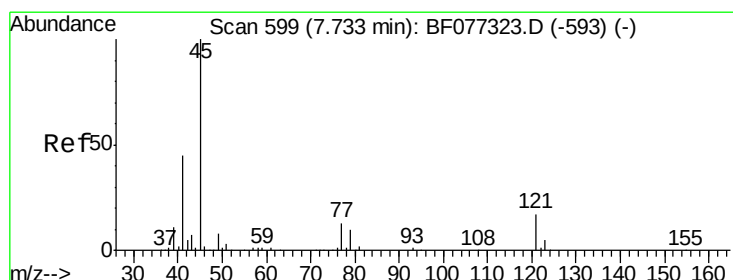
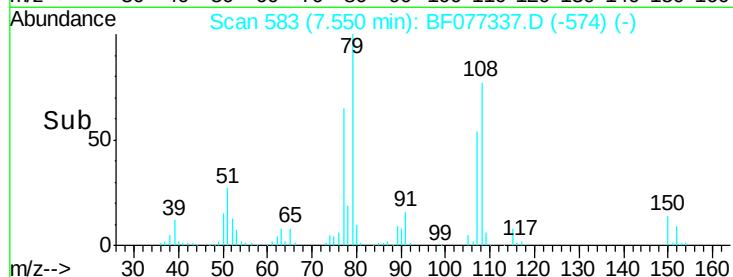
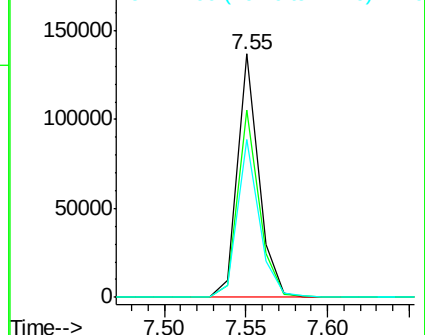
77 64.7 52.0 78.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.67 ng

RT: 7.73 min Scan# 599

Delta R.T. 0.00 min

Lab File: BF077337.D

Acq: 18 Feb 2015 2:40

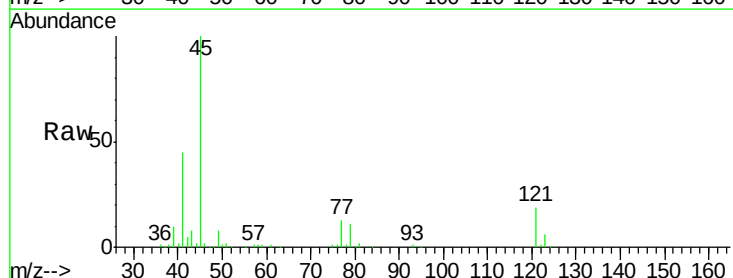
Tgt Ion: 45 Resp: 204820

Ion Ratio Lower Upper

45 100

77 13.4 0.0 32.7

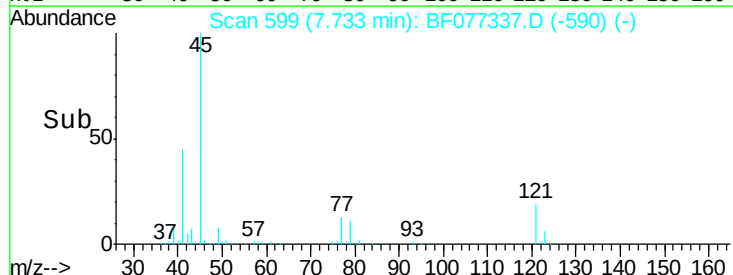
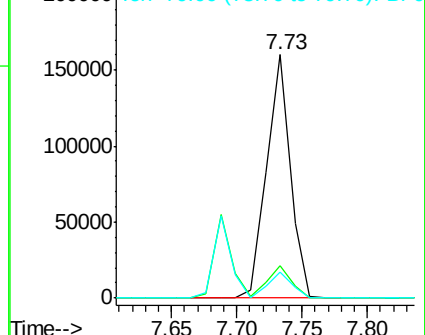
79 10.5 0.0 30.0

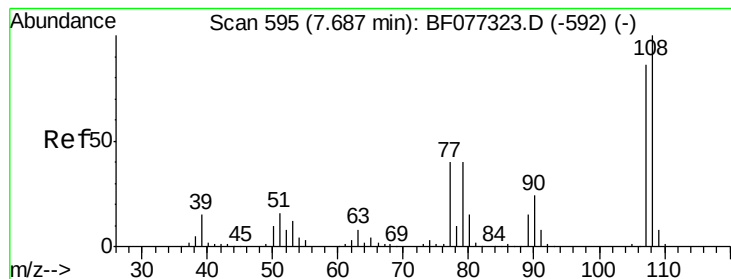


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 36.23 ng

RT: 7.69 min Scan# 595

Delta R.T. 0.00 min

Lab File: BF077337.D

Acq: 18 Feb 2015 2:40

Instrument :

BNA_F

ClientSampleId :

PB81761BS

Tgt Ion:107 Resp: 116744

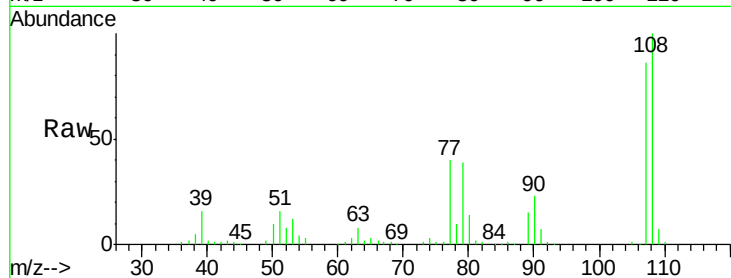
Ion Ratio Lower Upper

107 100

108 115.6 92.6 138.8

77 45.9 37.4 56.0

79 44.7 36.8 55.2

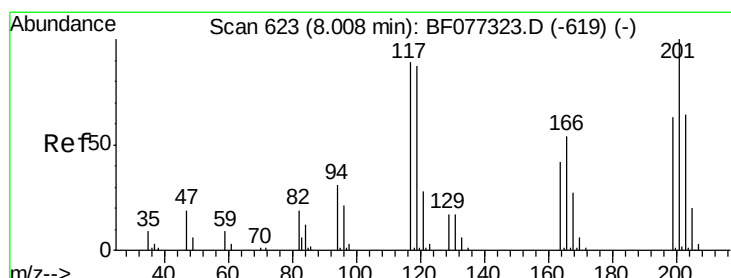
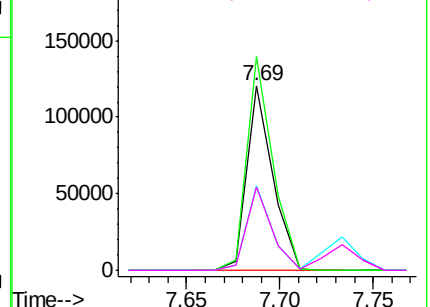
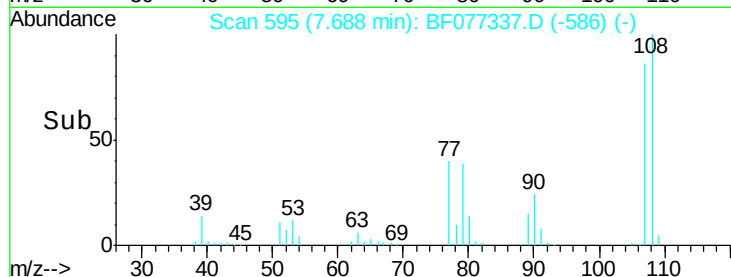


Abundance Ion 107.00 (106.70 to 107.70): E

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: 34.25 ng

RT: 8.01 min Scan# 623

Delta R.T. 0.00 min

Lab File: BF077337.D

Acq: 18 Feb 2015 2:40

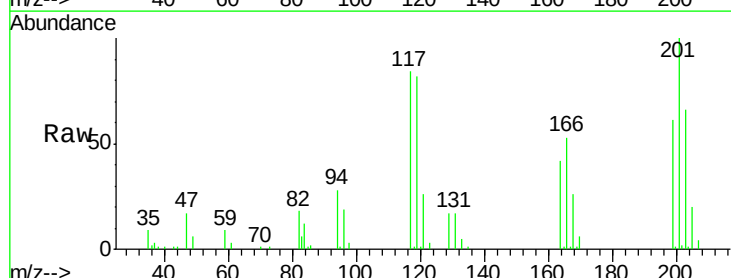
Tgt Ion:117 Resp: 52476

Ion Ratio Lower Upper

117 100

119 98.4 78.4 117.6

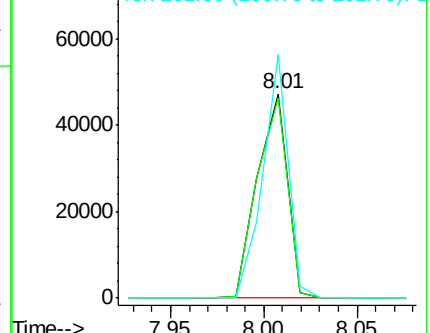
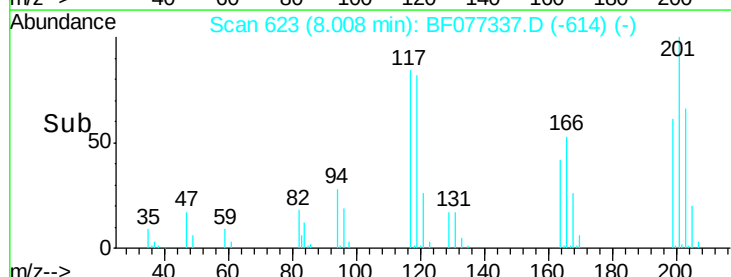
201 119.3 90.1 135.1

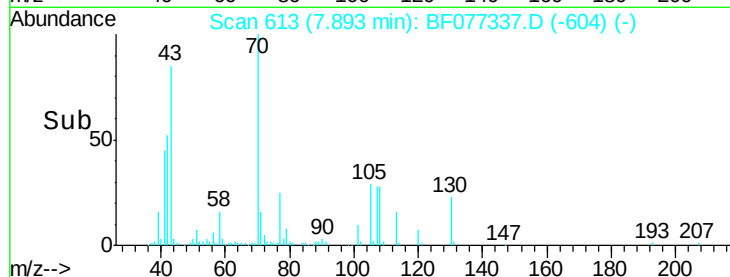
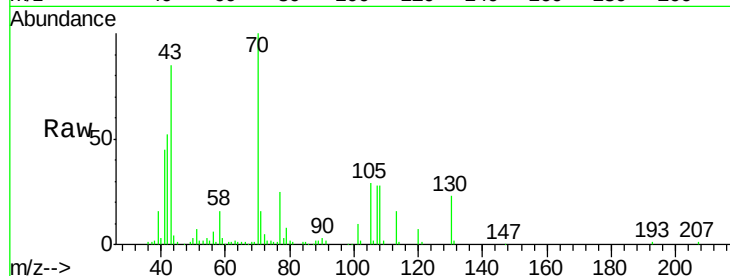
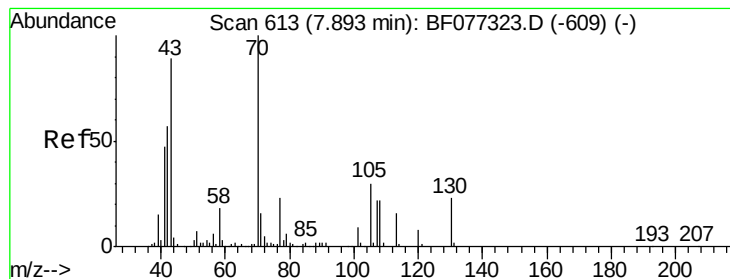


Abundance Ion 117.00 (116.70 to 117.70): E

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: 34.24 ng

RT: 7.89 min Scan# 613

Delta R.T. 0.00 min

Lab File: BF077337.D

Acq: 18 Feb 2015 2:40

Instrument :

BNA_F

ClientSampleId :

PB81761BS

Tgt Ion: 70 Resp: 107180

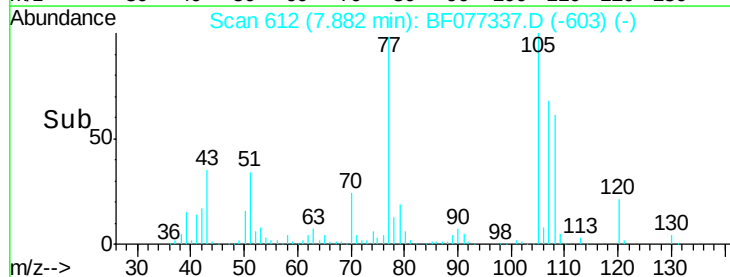
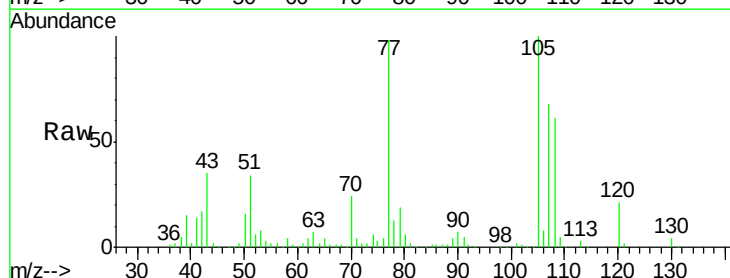
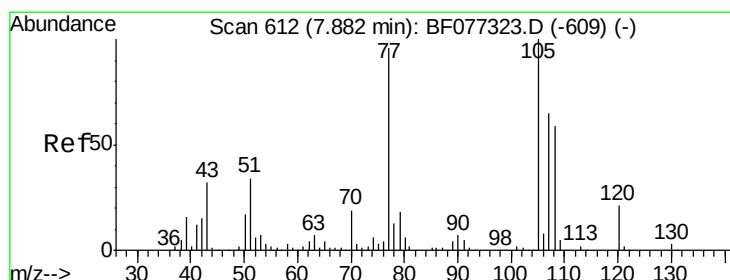
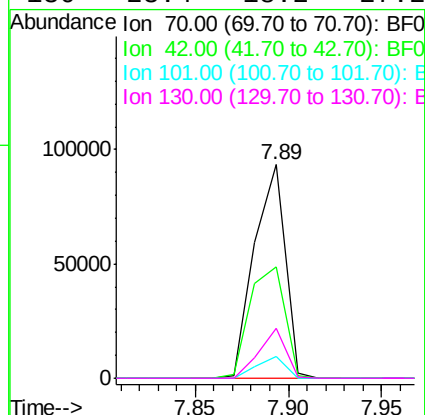
Ion Ratio Lower Upper

70 100

42 52.3 45.5 68.3

101 10.1 7.5 11.3

130 23.4 18.2 27.2



#20

3+4-Methylphenols

Concen: 37.23 ng

RT: 7.88 min Scan# 612

Delta R.T. 0.00 min

Lab File: BF077337.D

Acq: 18 Feb 2015 2:40

Tgt Ion: 107 Resp: 156169

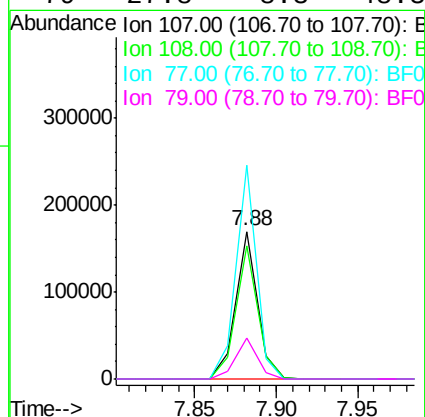
Ion Ratio Lower Upper

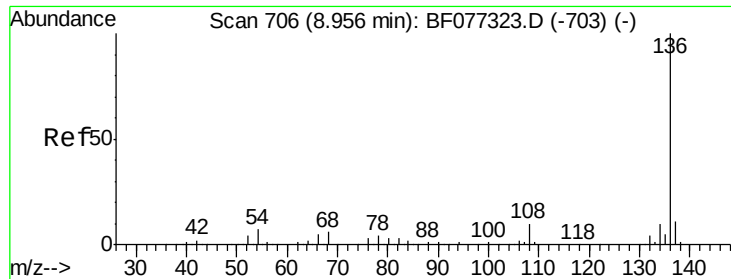
107 100

108 90.8 70.6 110.6

77 145.0 126.5 166.5

79 27.8 8.3 48.3

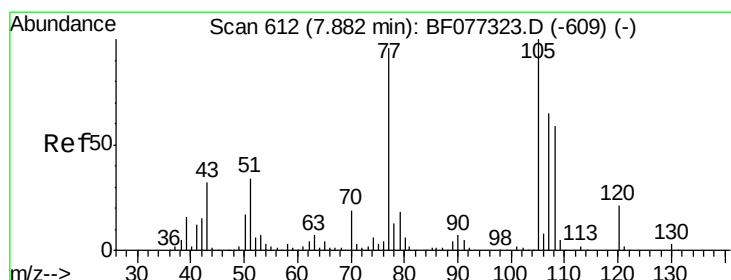
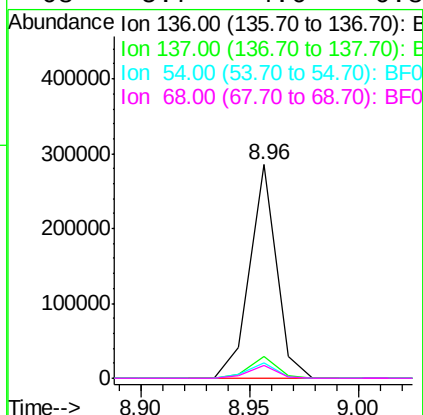
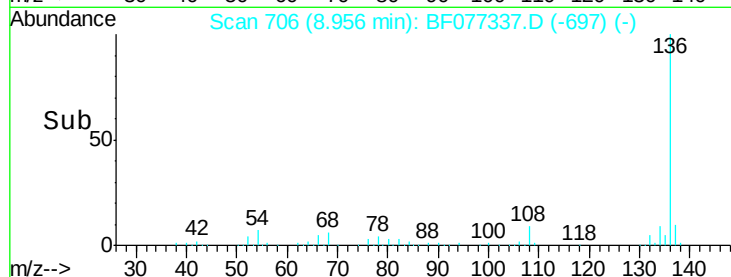
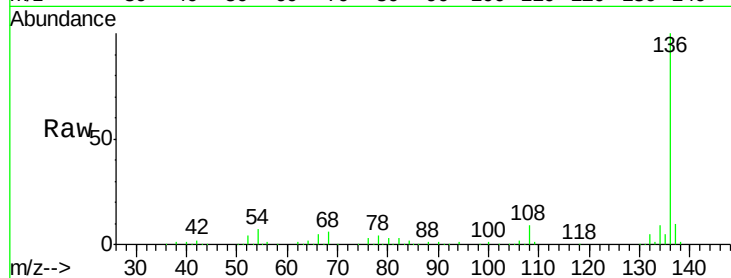




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.96 min Scan# 706
Delta R.T. 0.00 min
Lab File: BF077337.D
Acq: 18 Feb 2015 2:40

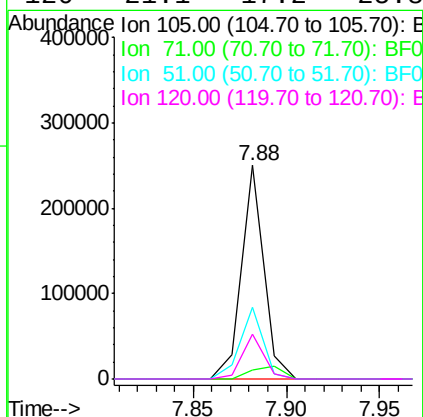
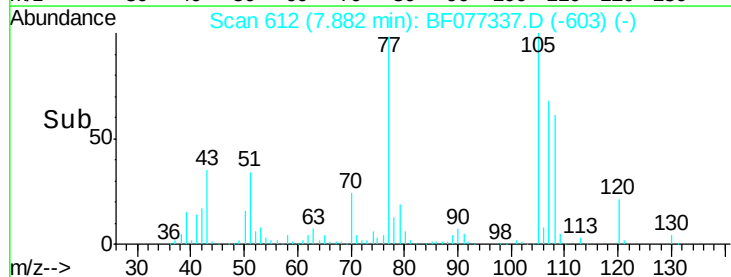
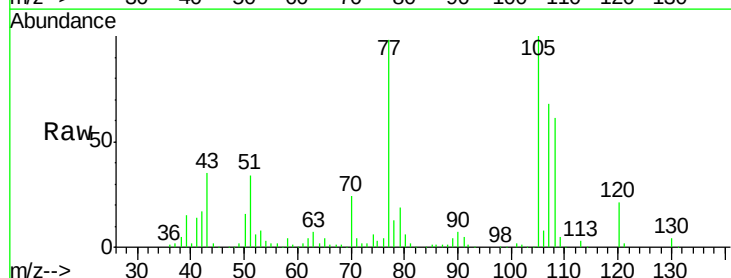
Instrument :
BNA_F
ClientSampleId :
PB81761BS

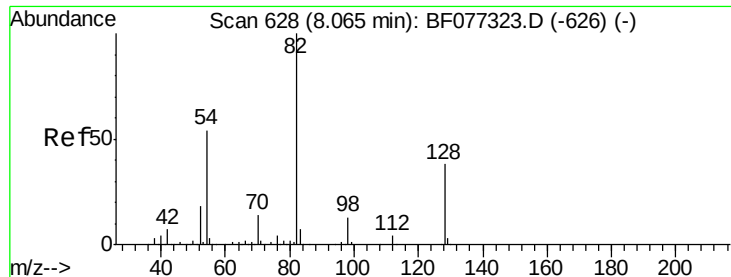
Tgt Ion:	136	Resp:	244234
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.7	13.1
54	7.1	5.8	8.6
68	5.7	4.6	6.8



#22
Acetophenone
Concen: 36.69 ng
RT: 7.88 min Scan# 612
Delta R.T. 0.00 min
Lab File: BF077337.D
Acq: 18 Feb 2015 2:40

Tgt Ion:	105	Resp:	210850
Ion	Ratio	Lower	Upper
105	100		
71	4.1	2.5	3.7#
51	33.6	27.4	41.2
120	21.1	17.2	25.8

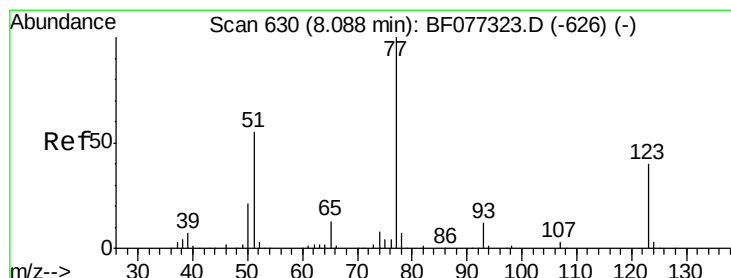
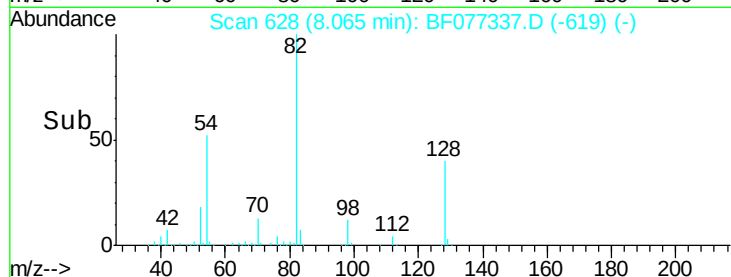
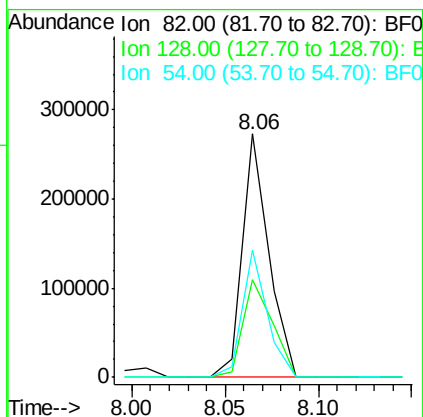
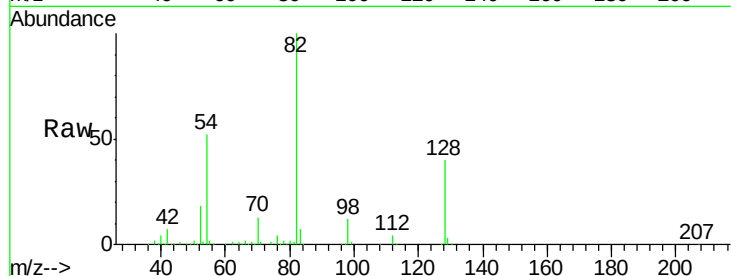




#23
Nitrobenzene-d5
Concen: 75.94 ng
RT: 8.06 min Scan# 628
Delta R.T. 0.00 min
Lab File: BF077337.D
Acq: 18 Feb 2015 2:40

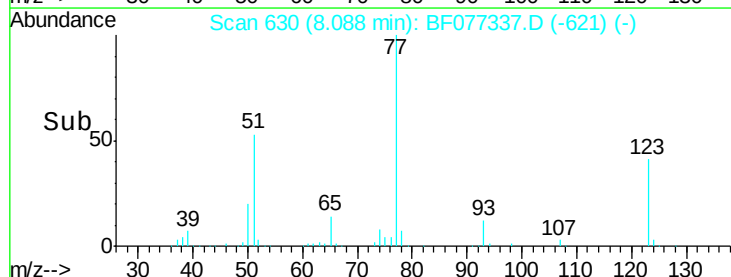
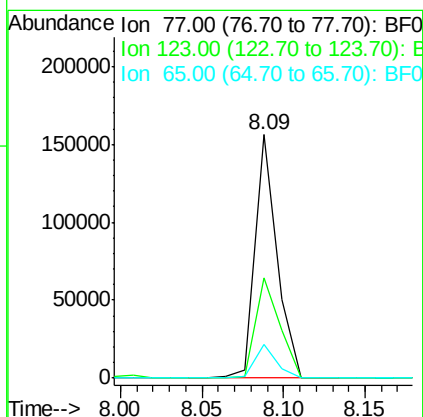
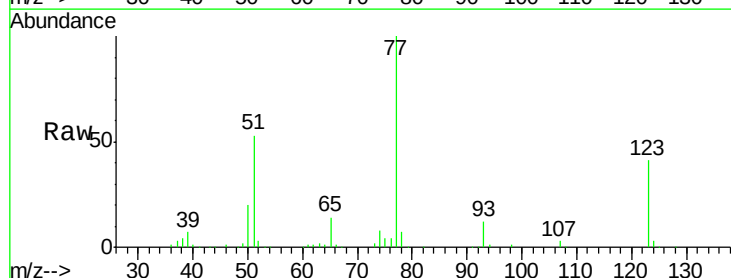
Instrument :
BNA_F
ClientSampleId :
PB81761BS

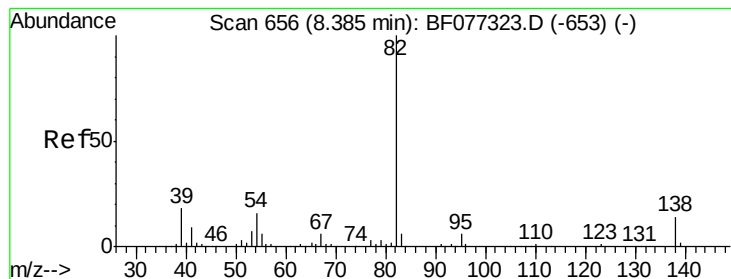
Tgt Ion: 82 Resp: 267839
Ion Ratio Lower Upper
82 100
128 39.9 30.7 46.1
54 52.2 43.1 64.7



#24
Nitrobenzene
Concen: 38.55 ng
RT: 8.09 min Scan# 630
Delta R.T. 0.00 min
Lab File: BF077337.D
Acq: 18 Feb 2015 2:40

Tgt Ion: 77 Resp: 146544
Ion Ratio Lower Upper
77 100
123 41.3 31.7 47.5
65 13.8 10.7 16.1





#25

Isophorone

Concen: 35.36 ng

RT: 8.38 min Scan# 656

Delta R.T. 0.00 min

Lab File: BF077337.D

Acq: 18 Feb 2015 2:40

Instrument :

BNA_F

ClientSampleId :

PB81761BS

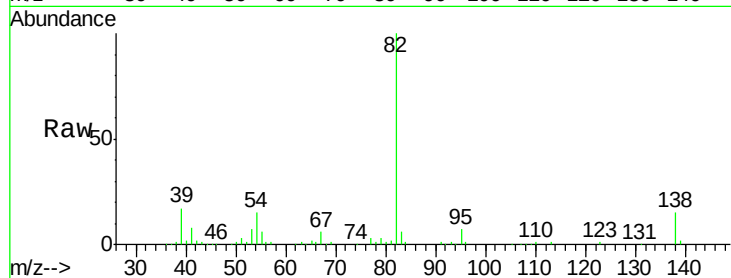
Tgt Ion: 82 Resp: 281078

Ion Ratio Lower Upper

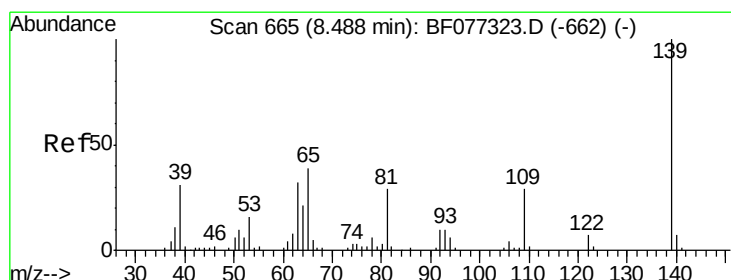
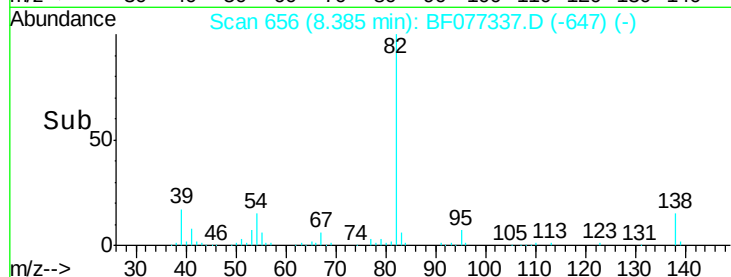
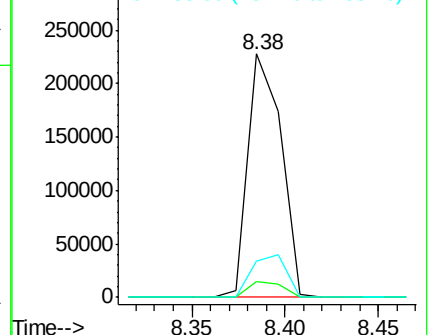
82 100

95 6.7 5.0 7.6

138 14.8 11.5 17.3



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: 39.98 ng

RT: 8.49 min Scan# 665

Delta R.T. 0.00 min

Lab File: BF077337.D

Acq: 18 Feb 2015 2:40

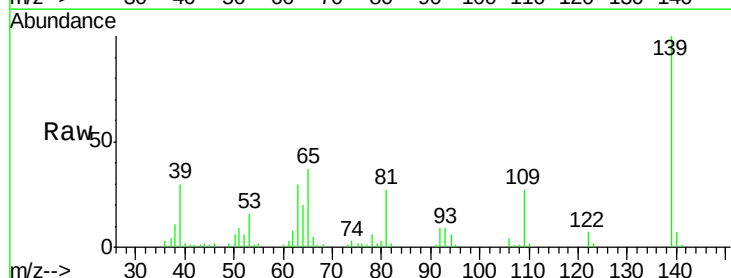
Tgt Ion: 139 Resp: 45562

Ion Ratio Lower Upper

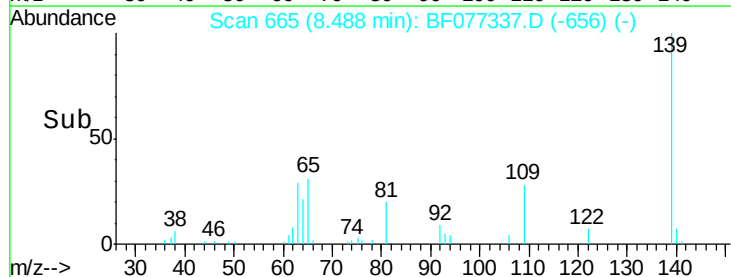
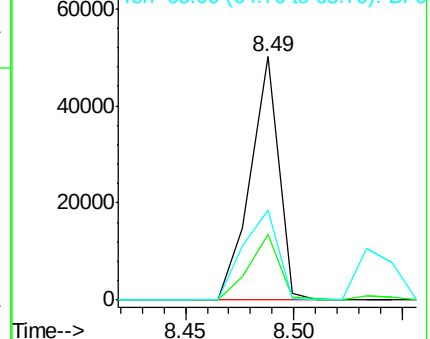
139 100

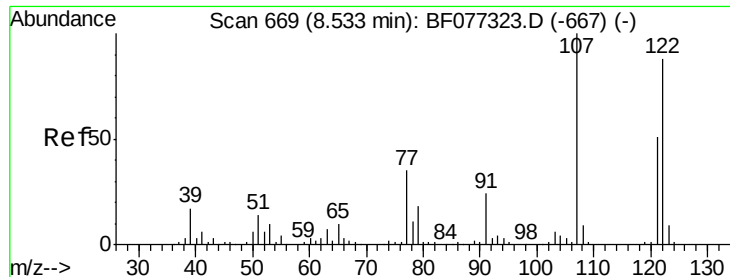
109 27.1 22.9 34.3

65 37.2 31.4 47.2



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

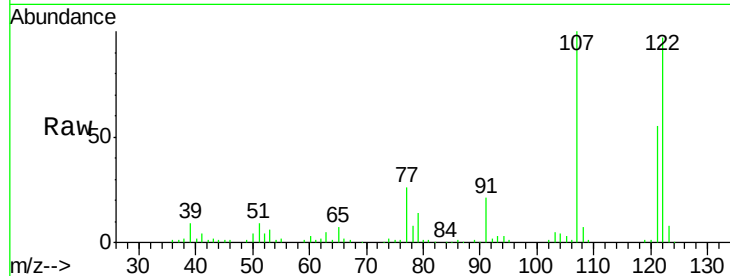




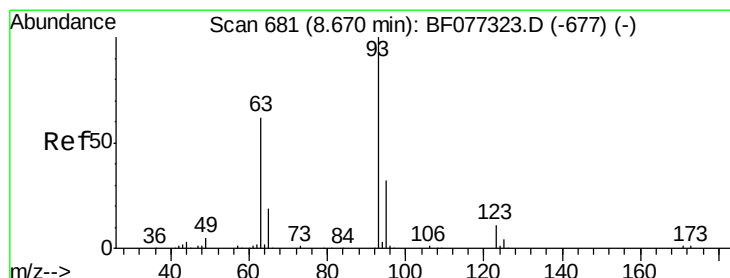
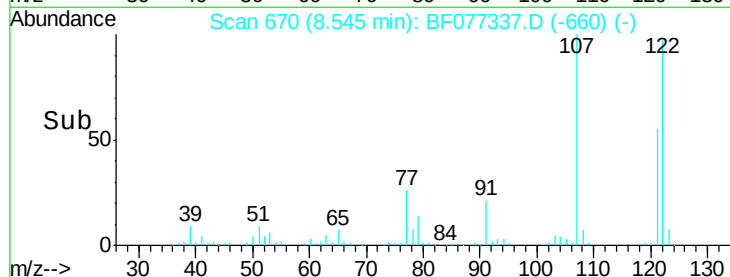
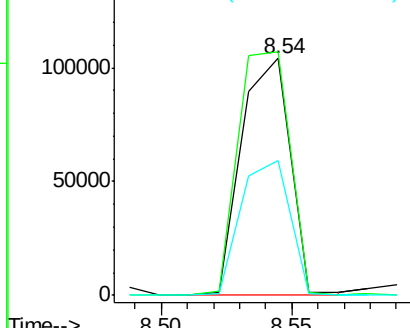
#27
2,4-Dimethylphenol
Concen: 37.40 ng
RT: 8.54 min Scan# 670
Delta R.T. 0.01 min
Lab File: BF077337.D
Acq: 18 Feb 2015 2:40

Instrument :
BNA_F
ClientSampleId :
PB81761BS

Tgt Ion: 122 Resp: 135431
Ion Ratio Lower Upper
122 100
107 102.7 90.6 135.8
121 56.8 46.2 69.2

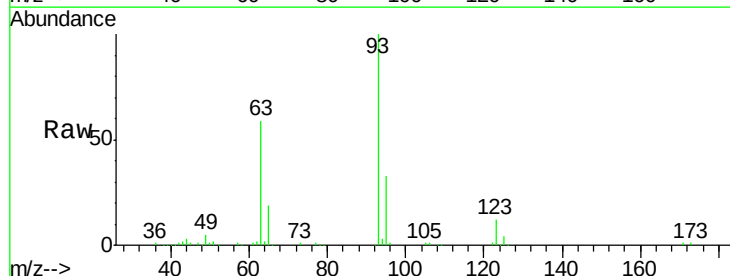


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

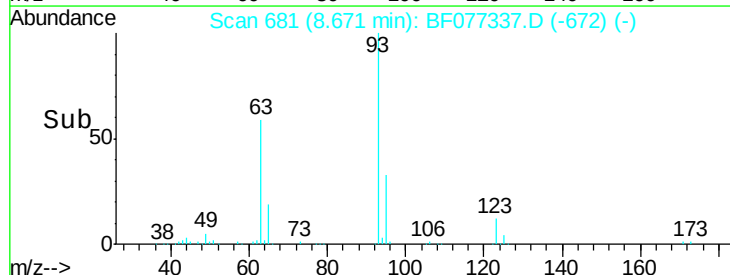
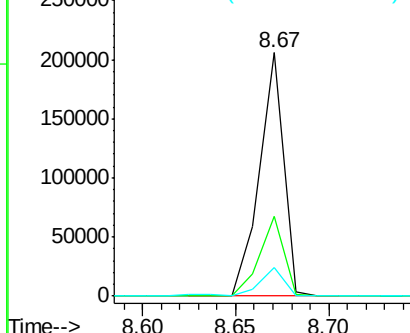


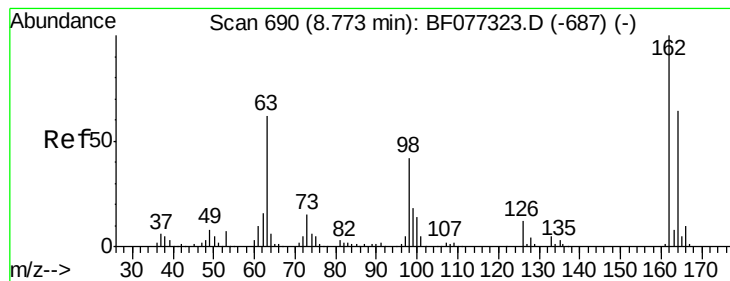
#28
bis(2-Chloroethoxy)methane
Concen: 36.13 ng
RT: 8.67 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF077337.D
Acq: 18 Feb 2015 2:40

Tgt Ion: 93 Resp: 184820
Ion Ratio Lower Upper
93 100
95 32.8 25.9 38.9
123 11.6 9.2 13.8



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: 38.89 ng

RT: 8.77 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF077337.D

Acq: 18 Feb 2015 2:40

Instrument :

BNA_F

ClientSampleId :

PB81761BS

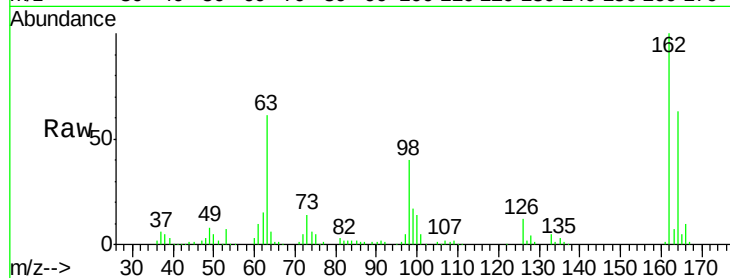
Tgt Ion:162 Resp: 121024

Ion Ratio Lower Upper

162 100

164 62.8 43.7 83.7

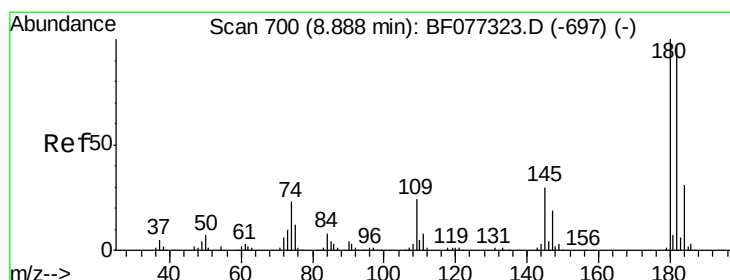
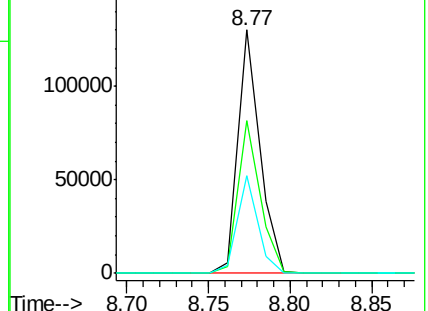
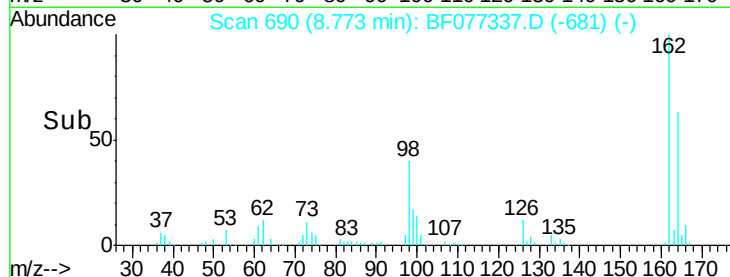
98 40.2 21.7 61.7



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: 35.37 ng

RT: 8.89 min Scan# 700

Delta R.T. 0.00 min

Lab File: BF077337.D

Acq: 18 Feb 2015 2:40

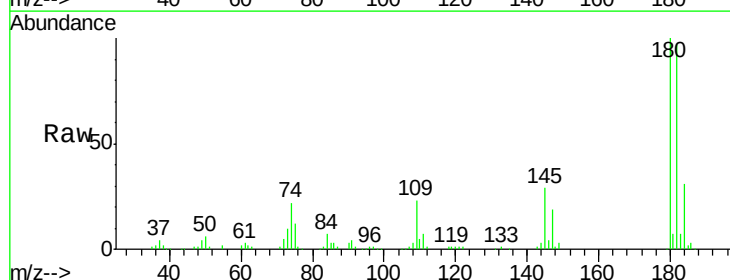
Tgt Ion:180 Resp: 139778

Ion Ratio Lower Upper

180 100

182 96.6 77.8 116.8

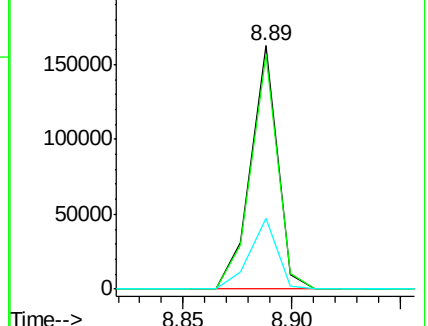
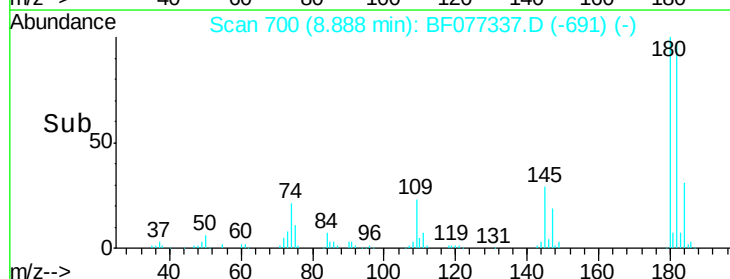
145 29.3 24.1 36.1

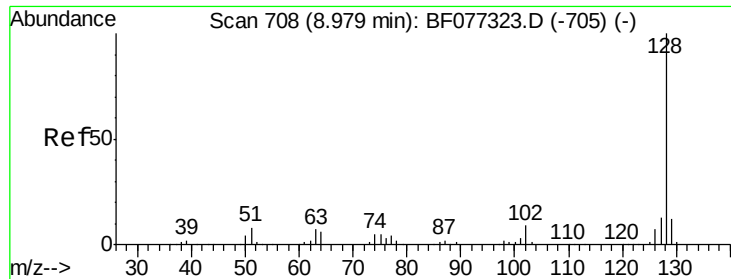


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

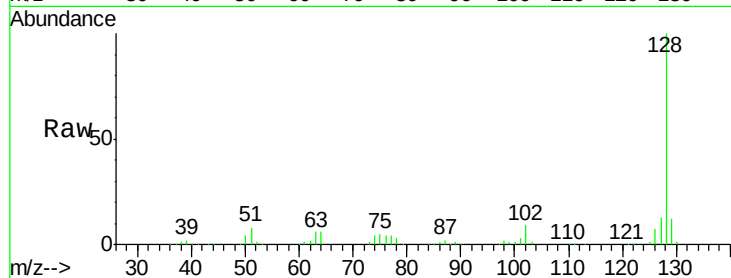




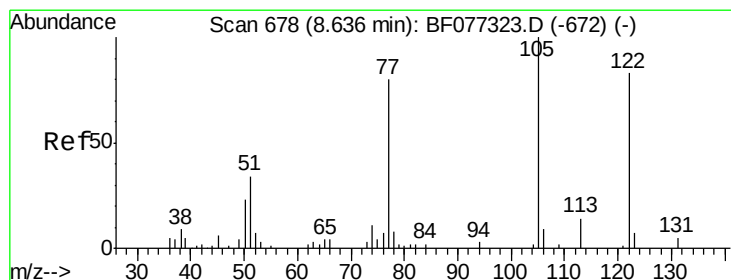
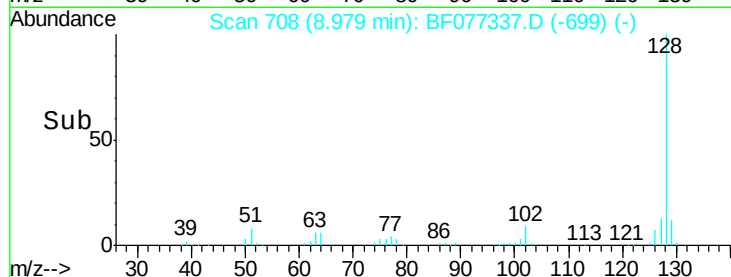
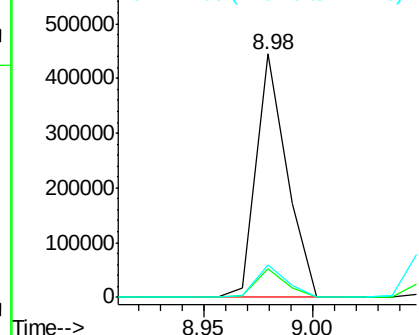
#31
Naphthalene
Concen: 35.66 ng
RT: 8.98 min Scan# 708
Delta R.T. 0.00 min
Lab File: BF077337.D
Acq: 18 Feb 2015 2:40

Instrument :
BNA_F
ClientSampleId :
PB81761BS

Tgt Ion:128 Resp: 435805
Ion Ratio Lower Upper
128 100
129 11.6 9.5 14.3
127 13.4 10.5 15.7

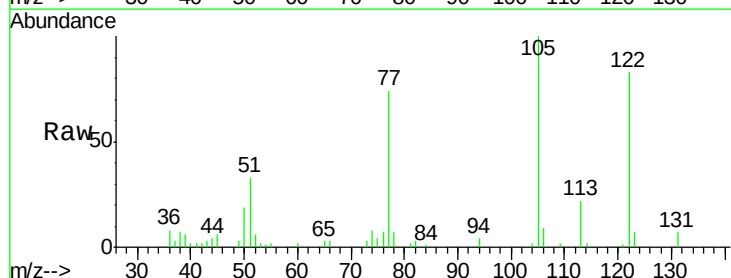


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

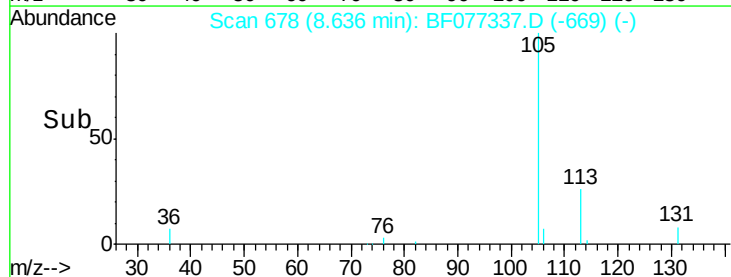
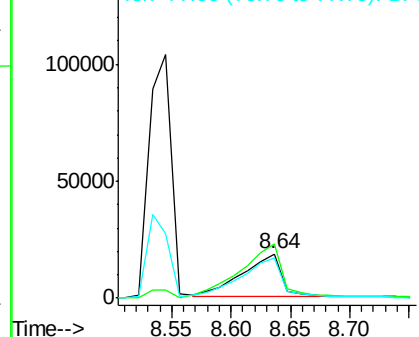


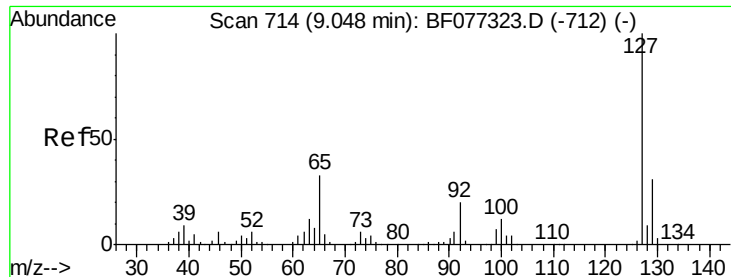
#32
Benzoic acid
Concen: 44.13 ng
RT: 8.64 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF077337.D
Acq: 18 Feb 2015 2:40

Tgt Ion:122 Resp: 41535
Ion Ratio Lower Upper
122 100
105 120.9 98.4 138.4
77 90.0 75.4 115.4



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

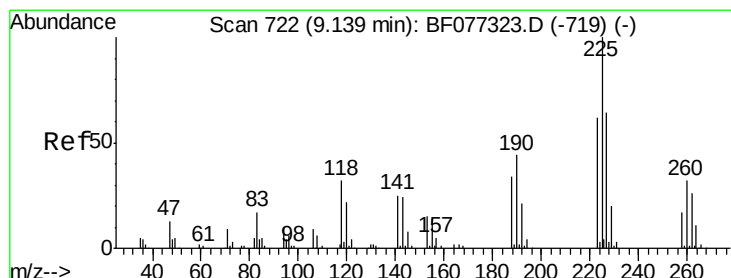
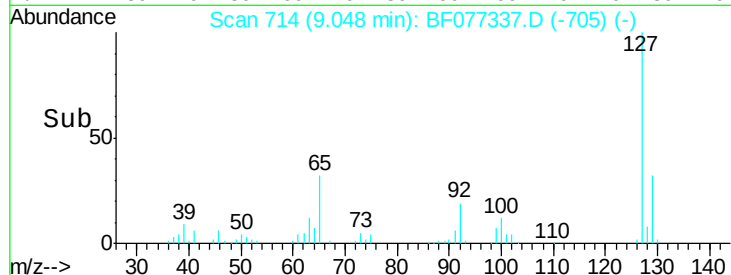
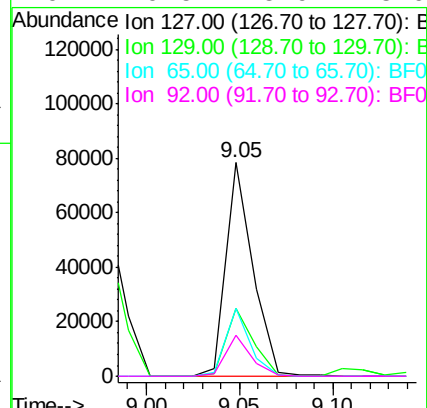
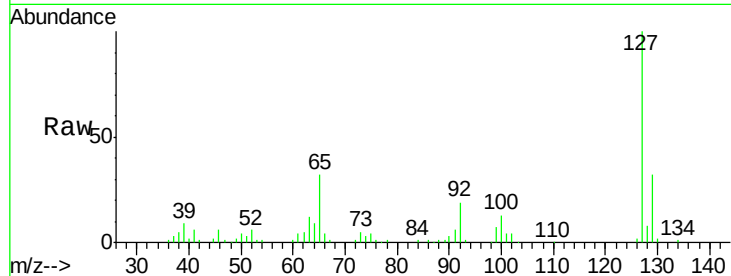




#33
4-Chloroaniline
Concen: 15.16 ng
RT: 9.05 min Scan# 714
Delta R.T. 0.00 min
Lab File: BF077337.D
Acq: 18 Feb 2015 2:40

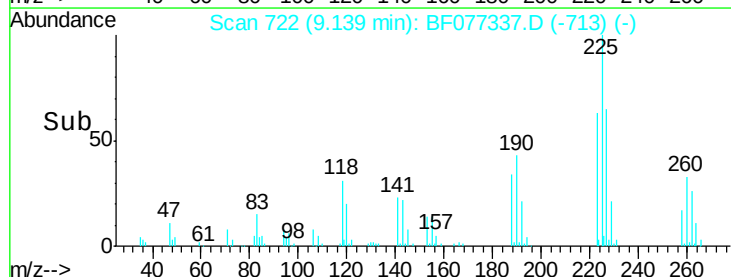
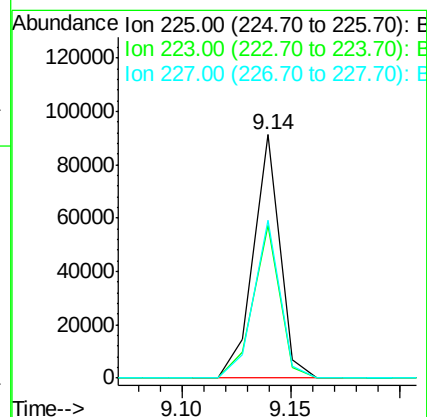
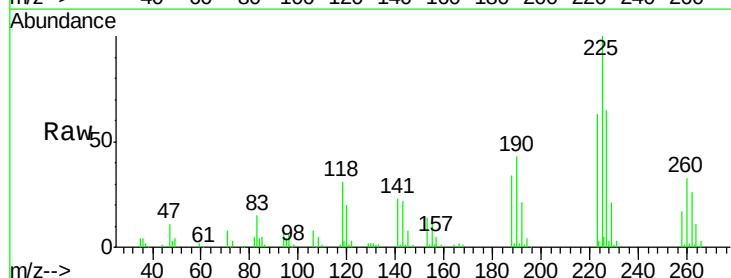
Instrument :
BNA_F
ClientSampleId :
PB81761BS

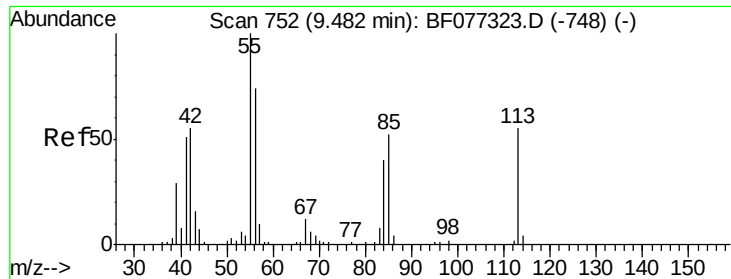
Tgt Ion:	127	Resp:	79181
Ion	Ratio	Lower	Upper
127	100		
129	31.6	24.9	37.3
65	31.7	26.4	39.6
92	19.5	15.9	23.9



#34
Hexachlorobutadiene
Concen: 35.77 ng
RT: 9.14 min Scan# 722
Delta R.T. 0.00 min
Lab File: BF077337.D
Acq: 18 Feb 2015 2:40

Tgt Ion:	225	Resp:	77266
Ion	Ratio	Lower	Upper
225	100		
223	62.7	49.4	74.2
227	64.7	51.0	76.6

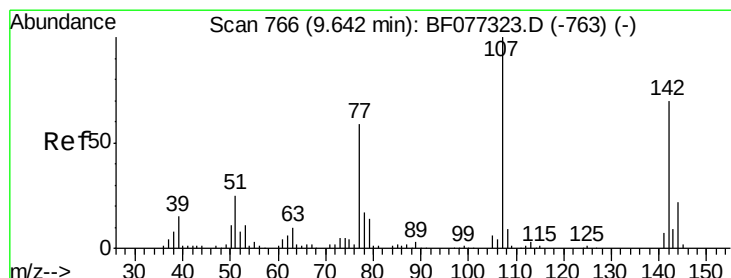
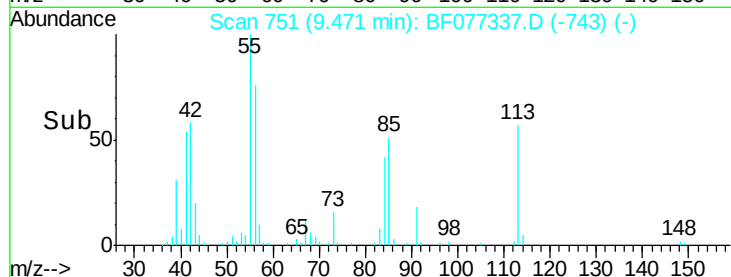
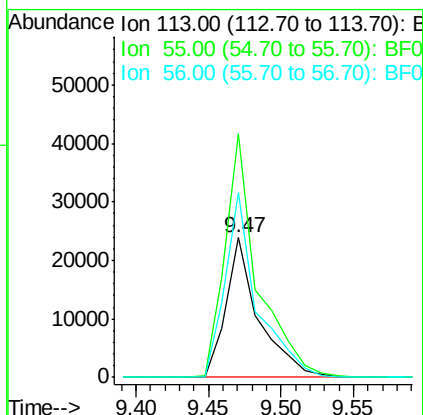
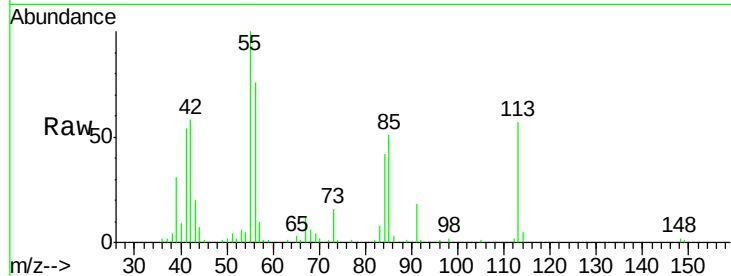




#35
 Caprolactam
 Concen: 39.17 ng
 RT: 9.47 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF077337.D
 Acq: 18 Feb 2015 2:40

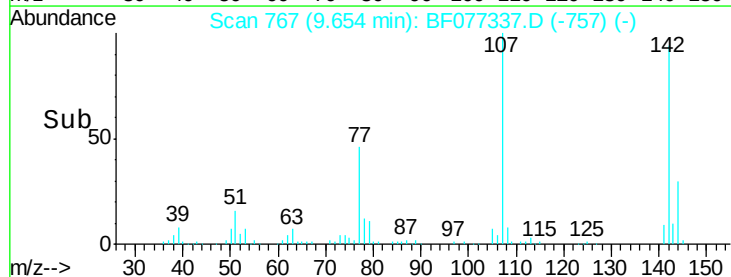
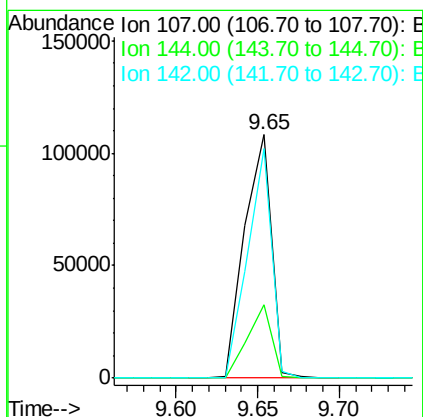
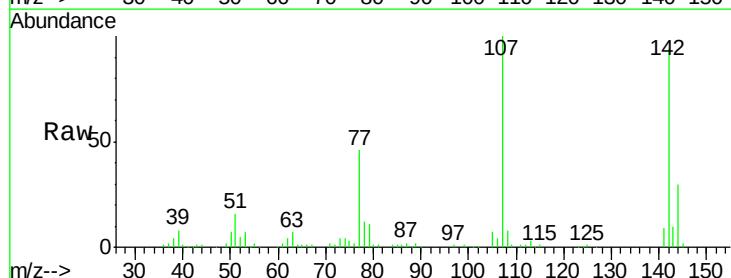
Instrument :
 BNA_F
 ClientSampleId :
 PB81761BS

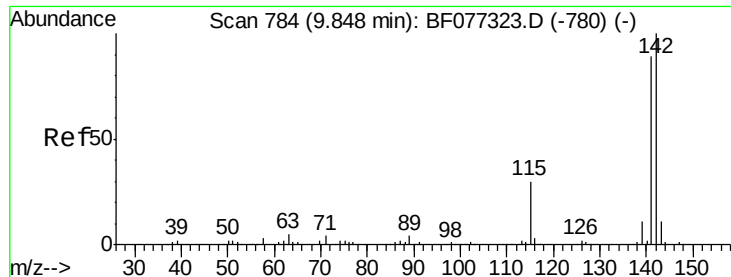
Tgt Ion:113 Resp: 37511
 Ion Ratio Lower Upper
 113 100
 55 174.6 163.0 203.0
 56 132.2 115.6 155.6



#36
 4-Chloro-3-methylphenol
 Concen: 36.26 ng
 RT: 9.65 min Scan# 767
 Delta R.T. 0.01 min
 Lab File: BF077337.D
 Acq: 18 Feb 2015 2:40

Tgt Ion:107 Resp: 124158
 Ion Ratio Lower Upper
 107 100
 144 30.1 17.8 26.6#
 142 94.4 55.7 83.5#

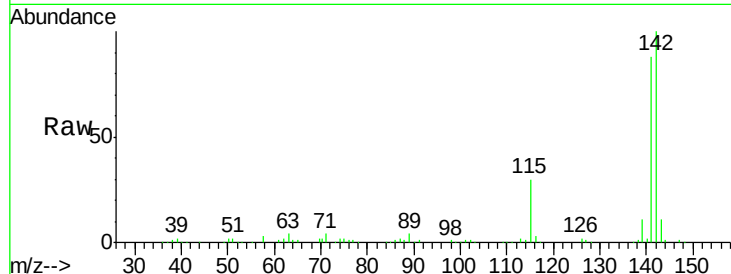




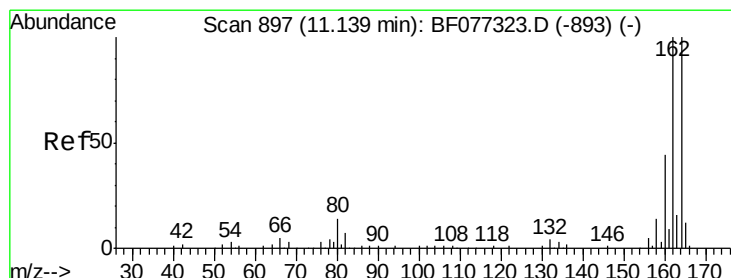
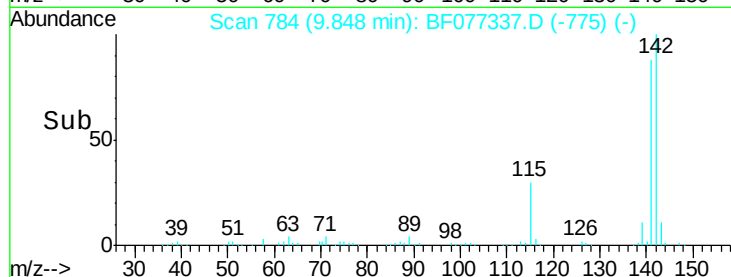
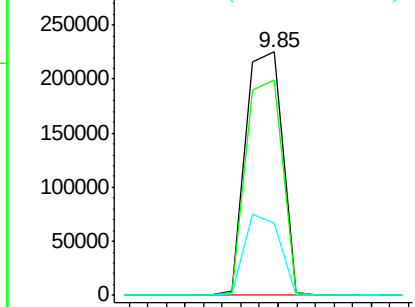
#37
 2-Methylnaphthalene
 Concen: 34.92 ng
 RT: 9.85 min Scan# 784
 Delta R.T. 0.00 min
 Lab File: BF077337.D
 Acq: 18 Feb 2015 2:40

Instrument :
 BNA_F
 ClientSampleId :
 PB81761BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.2	106.8
115	29.5	23.8	35.8

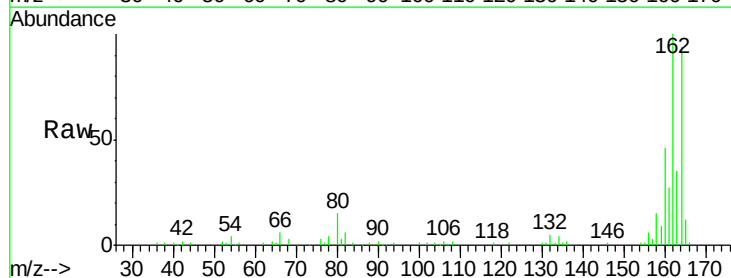


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

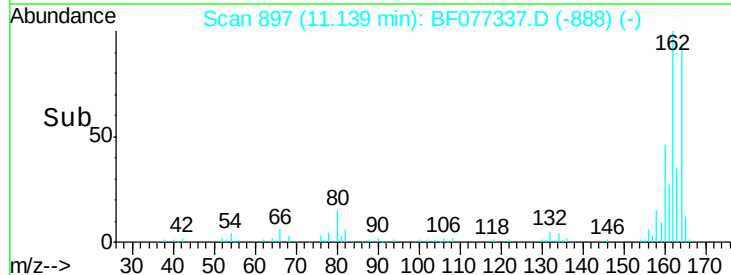
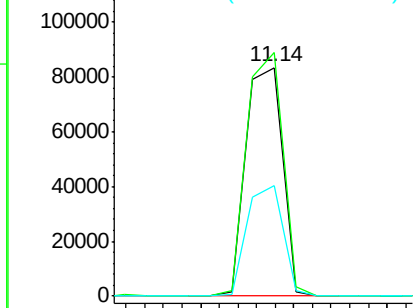


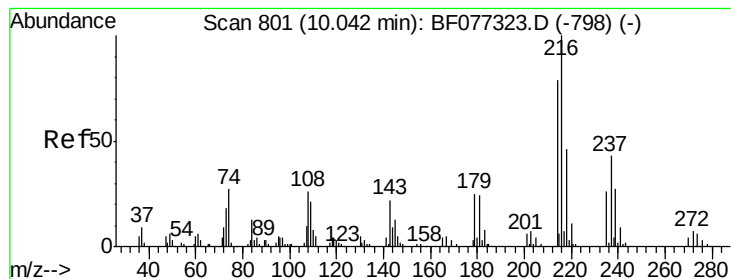
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.14 min Scan# 897
 Delta R.T. 0.00 min
 Lab File: BF077337.D
 Acq: 18 Feb 2015 2:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.4	80.4	120.6
160	48.5	35.3	52.9



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: 40.17 ng

RT: 10.04 min Scan# 801

Delta R.T. 0.00 min

Lab File: BF077337.D

Acq: 18 Feb 2015 2:40

Instrument :

BNA_F

ClientSampleId :

PB81761BS

Tgt Ion:216 Resp: 131983

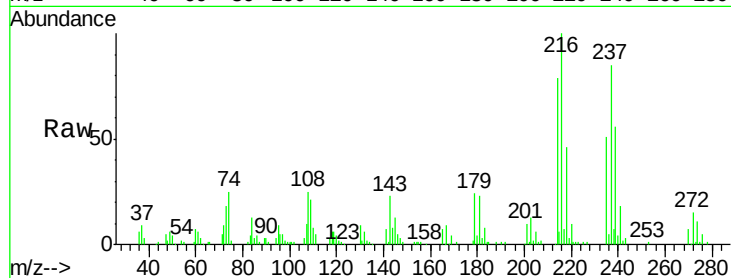
Ion Ratio Lower Upper

216 100

214 78.0 62.5 93.7

179 21.4 17.6 26.4

108 21.7 16.6 25.0

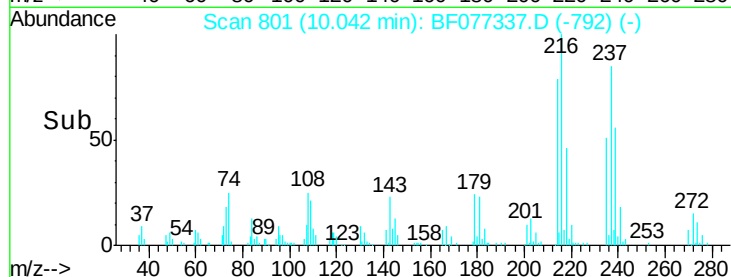


Abundance Ion 216.00 (215.70 to 216.70): E

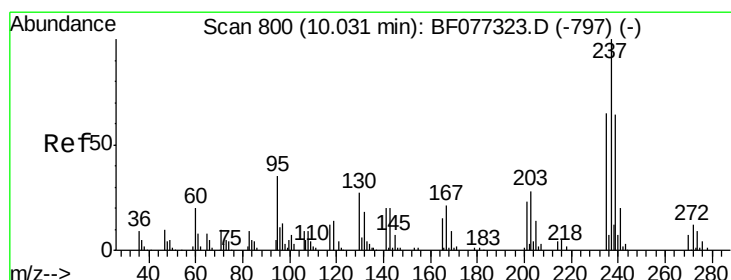
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 82.16 ng

RT: 10.03 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF077337.D

Acq: 18 Feb 2015 2:40

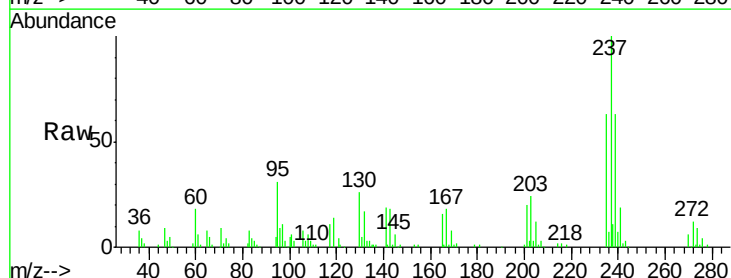
Tgt Ion:237 Resp: 134206

Ion Ratio Lower Upper

237 100

235 63.1 44.5 84.5

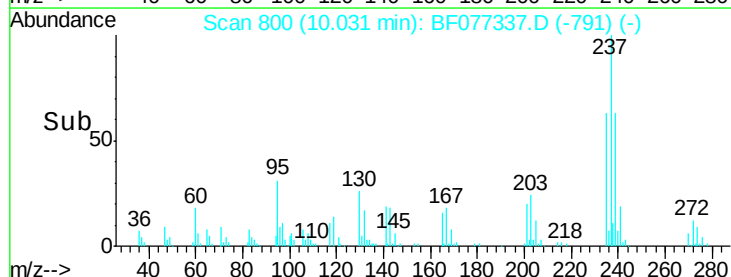
272 11.9 0.0 32.2



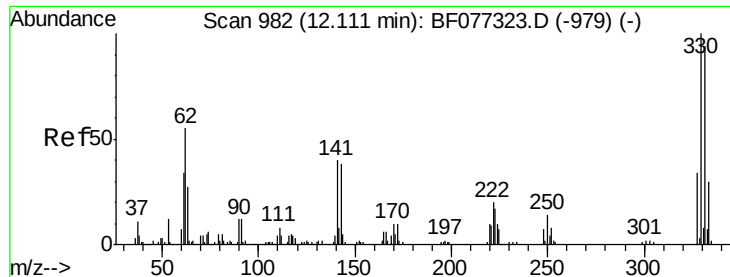
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



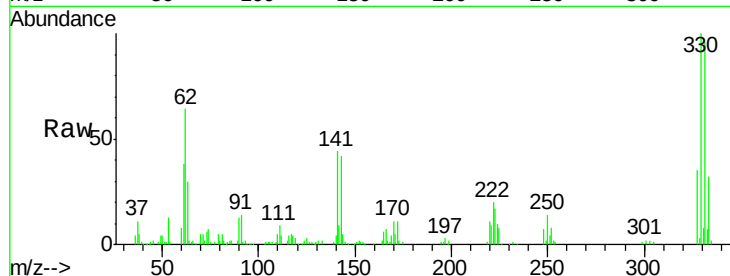
Time-->



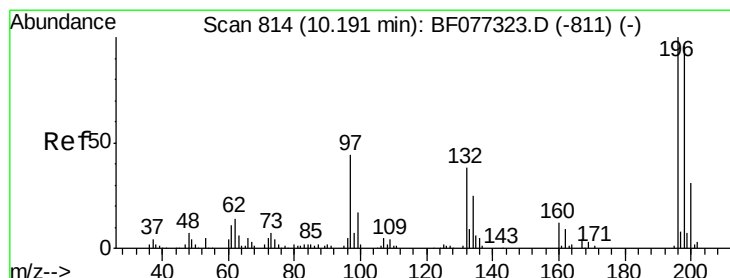
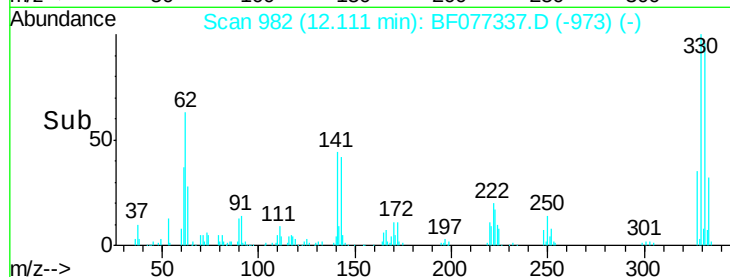
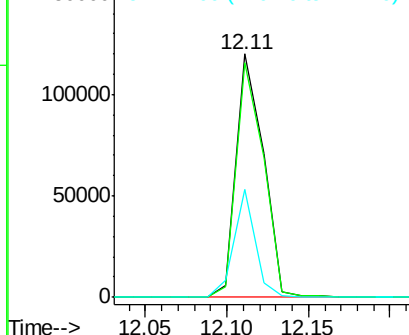
#41
 2,4,6-Tribromophenol
 Concen: 130.74 ng
 RT: 12.11 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: BF077337.D
 Acq: 18 Feb 2015 2:40

Instrument :
 BNA_F
 ClientSampleId :
 PB81761BS

Tgt Ion:330 Resp: 138583
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.1 114.1
 141 34.2 28.5 42.7

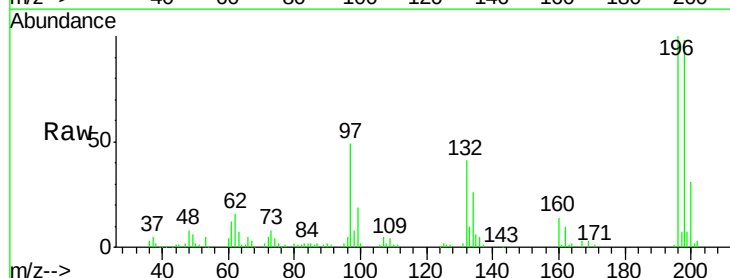


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

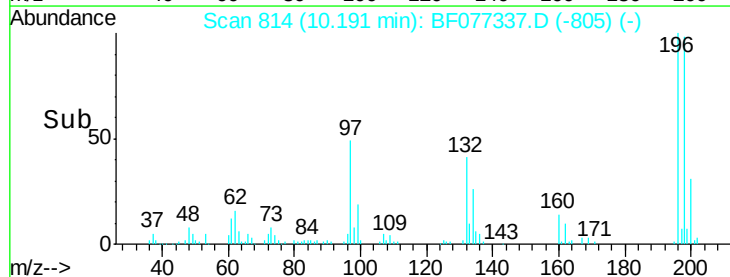
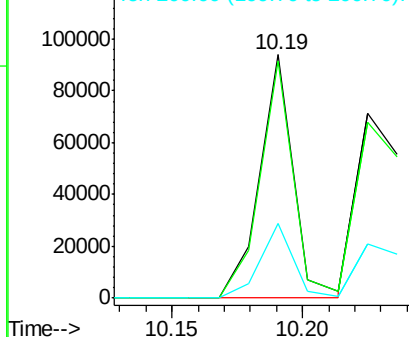


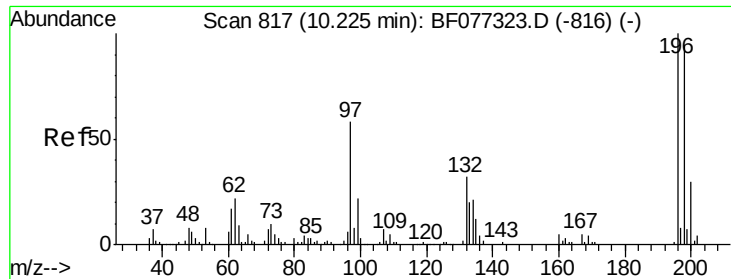
#42
 2,4,6-Trichlorophenol
 Concen: 46.02 ng
 RT: 10.19 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF077337.D
 Acq: 18 Feb 2015 2:40

Tgt Ion:196 Resp: 84720
 Ion Ratio Lower Upper
 196 100
 198 97.7 76.7 115.1
 200 30.9 24.7 37.1



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

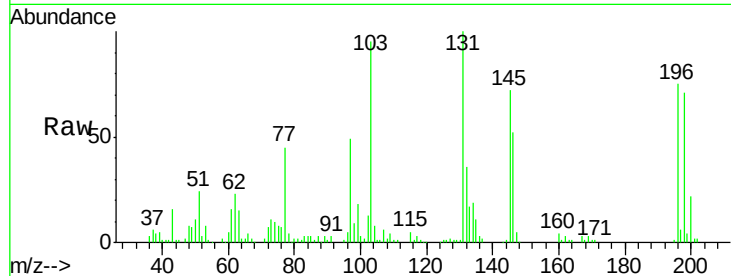




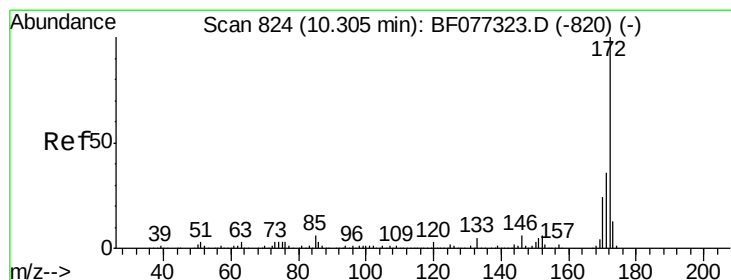
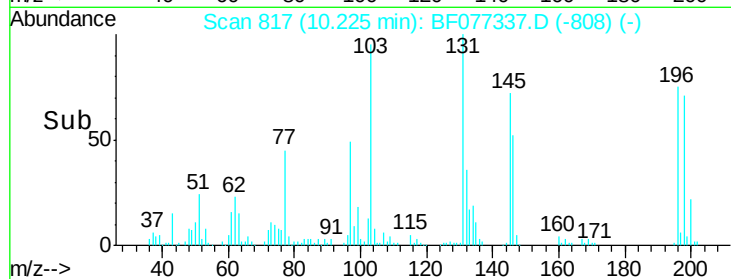
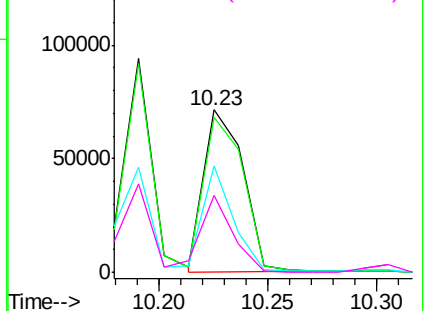
#43
 2,4,5-Trichlorophenol
 Concen: 45.36 ng
 RT: 10.23 min Scan# 817
 Delta R.T. 0.00 min
 Lab File: BF077337.D
 Acq: 18 Feb 2015 2:40

Instrument :
 BNA_F
 ClientSampleId :
 PB81761BS

Tgt Ion:196 Resp: 89272
 Ion Ratio Lower Upper
 196 100
 198 95.0 75.1 112.7
 97 65.2 48.8 73.2
 132 47.6 26.2 39.4#

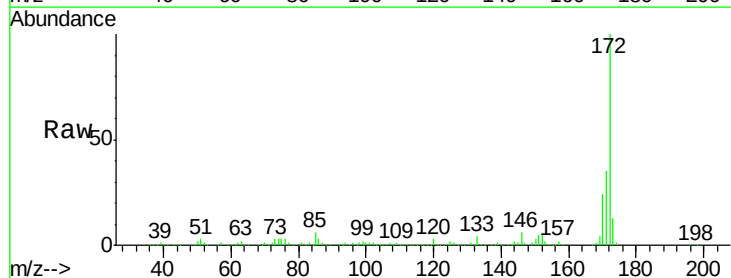


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

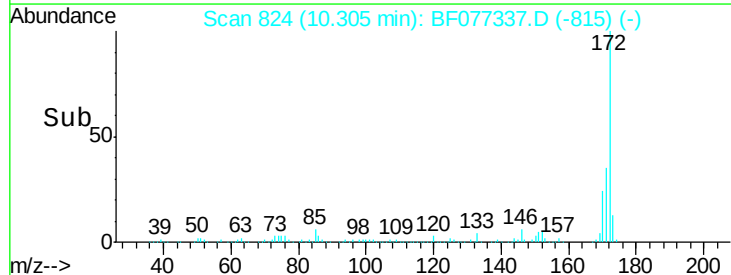
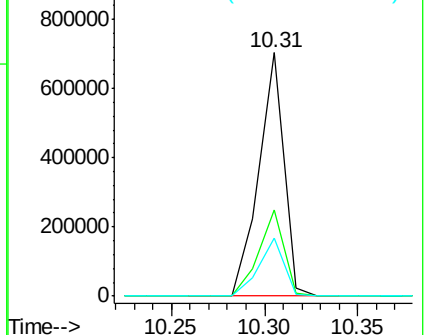


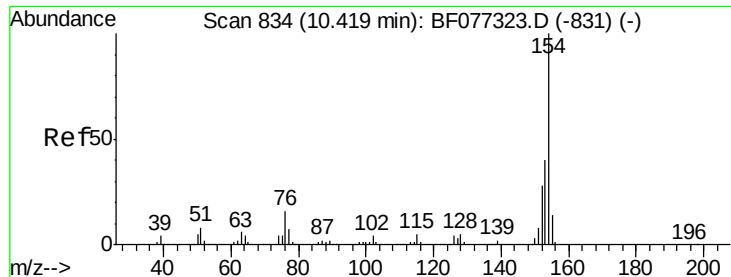
#44
 2-Fluorobiphenyl
 Concen: 86.61 ng
 RT: 10.31 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: BF077337.D
 Acq: 18 Feb 2015 2:40

Tgt Ion:172 Resp: 653737
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.9 43.3
 170 24.0 19.4 29.2



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

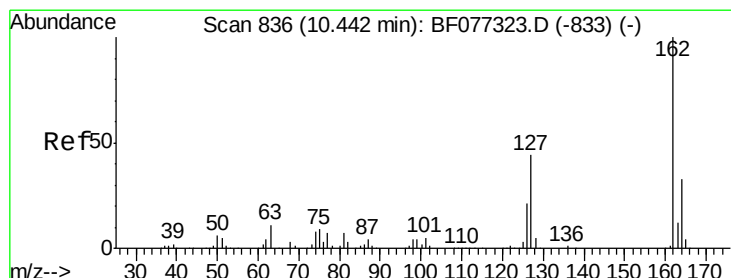
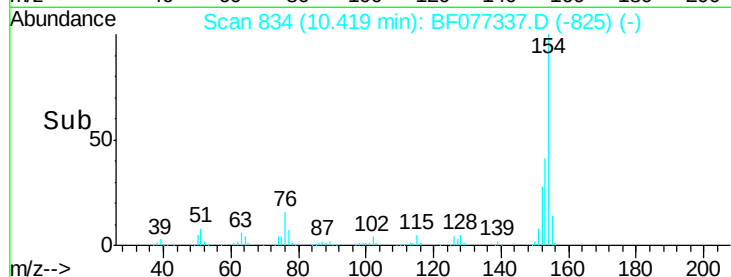
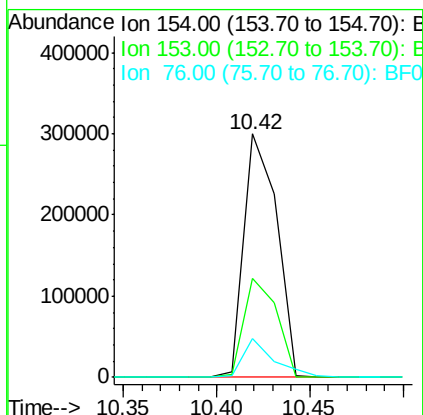
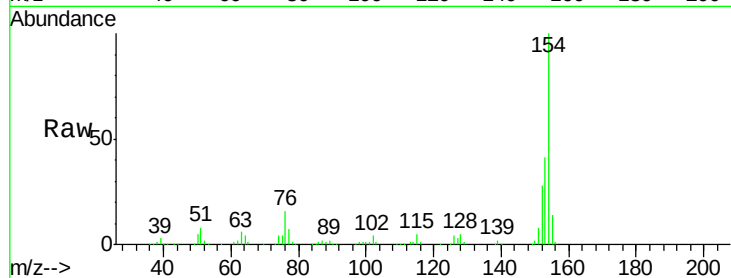




#45
 1,1'-Biphenyl
 Concen: 40.41 ng
 RT: 10.42 min Scan# 834
 Delta R.T. 0.00 min
 Lab File: BF077337.D
 Acq: 18 Feb 2015 2:40

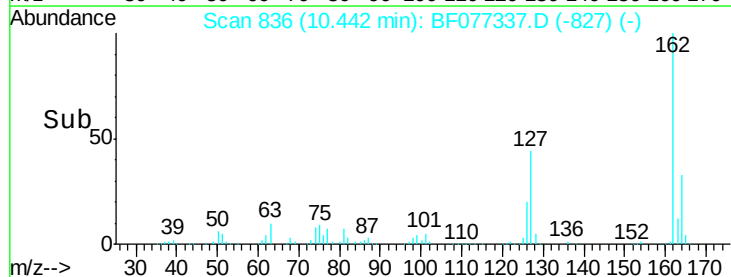
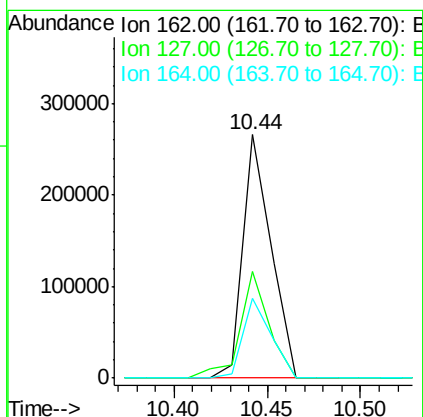
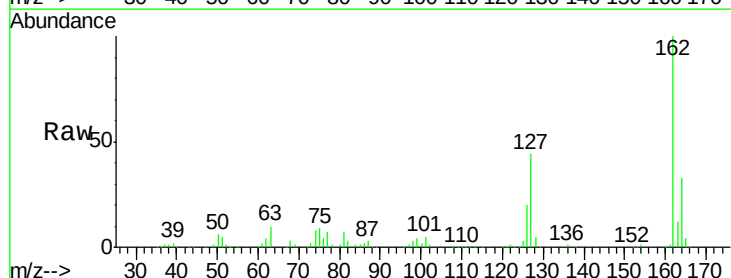
Instrument :
 BNA_F
 ClientSampleId :
 PB81761BS

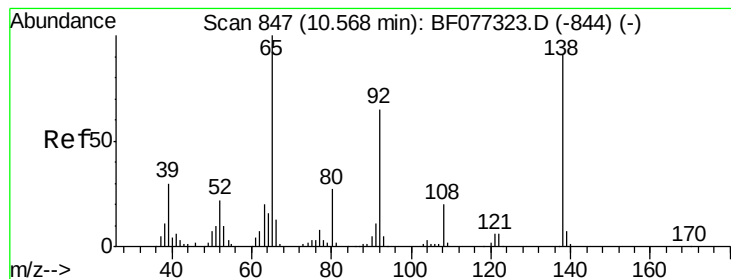
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.5	60.5
76	16.2	0.0	35.9



#46
 2-Chloronaphthalene
 Concen: 41.43 ng
 RT: 10.44 min Scan# 836
 Delta R.T. 0.00 min
 Lab File: BF077337.D
 Acq: 18 Feb 2015 2:40

Tgt Ion	Ratio	Lower	Upper
162	100		
127	43.6	35.4	53.0
164	32.7	26.2	39.2





#47

2-Nitroaniline

Concen: 44.84 ng

RT: 10.57 min Scan# 847

Delta R.T. 0.00 min

Lab File: BF077337.D

Acq: 18 Feb 2015 2:40

Instrument :

BNA_F

ClientSampleId :

PB81761BS

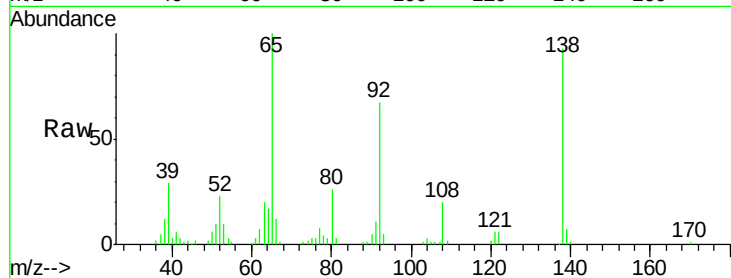
Tgt Ion: 65 Resp: 64274

Ion Ratio Lower Upper

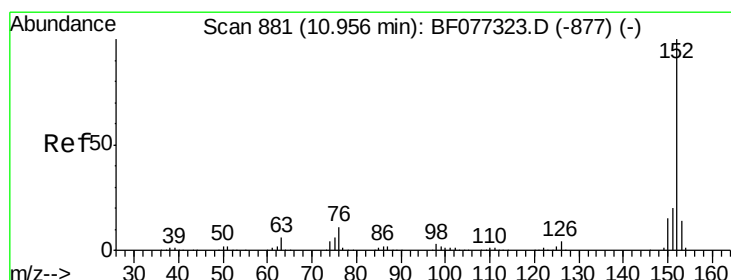
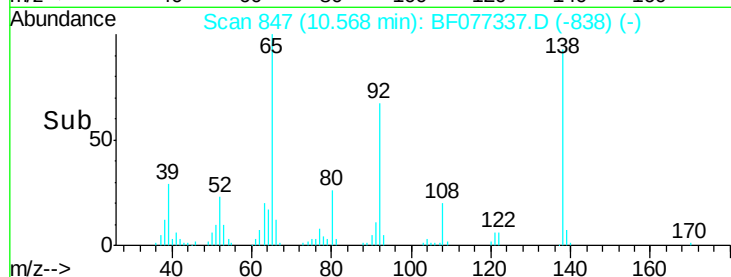
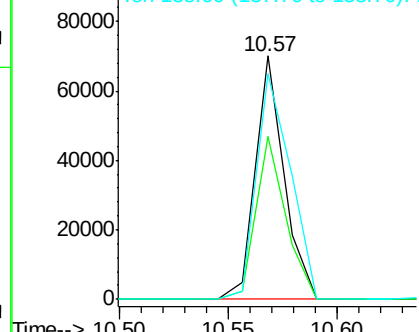
65 100

92 66.8 52.3 78.5

138 92.7 73.2 109.8



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



#48

Acenaphthylene

Concen: 42.51 ng

RT: 10.96 min Scan# 881

Delta R.T. 0.00 min

Lab File: BF077337.D

Acq: 18 Feb 2015 2:40

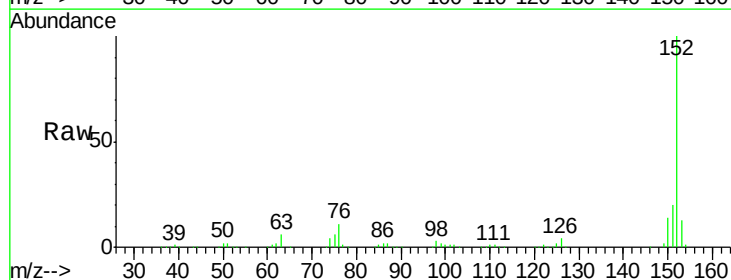
Tgt Ion: 152 Resp: 472362

Ion Ratio Lower Upper

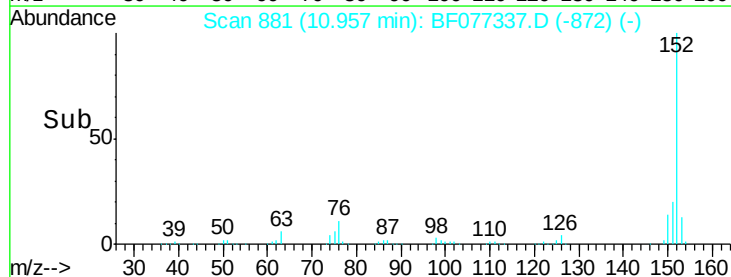
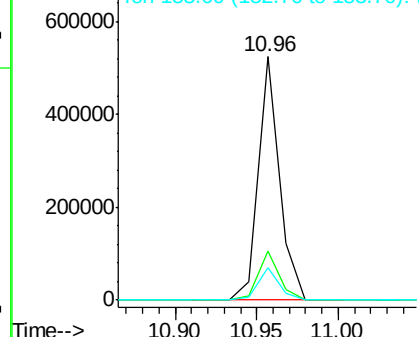
152 100

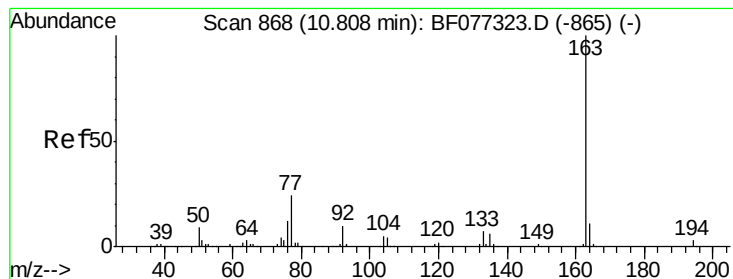
151 20.1 16.3 24.5

153 13.3 10.9 16.3



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





#49

Dimethylphthalate

Concen: 43.66 ng

RT: 10.81 min Scan# 868

Delta R.T. 0.00 min

Lab File: BF077337.D

Acq: 18 Feb 2015 2:40

Instrument :

BNA_F

ClientSampleId :

PB81761BS

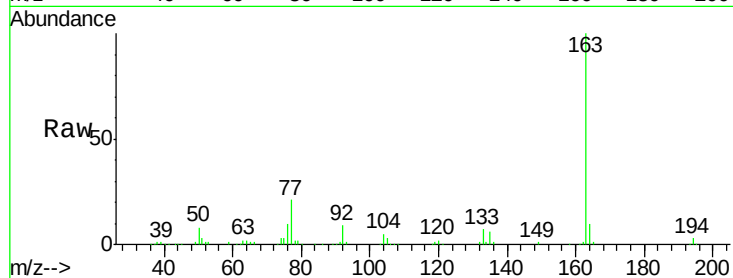
Tgt Ion:163 Resp: 341851

Ion Ratio Lower Upper

163 100

194 3.3 2.6 3.8

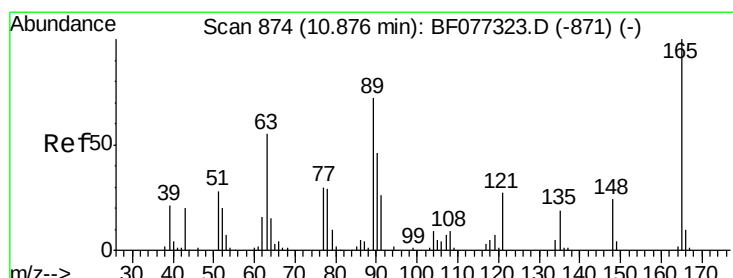
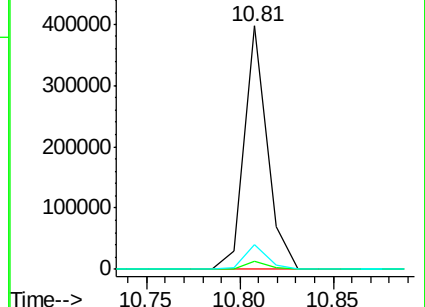
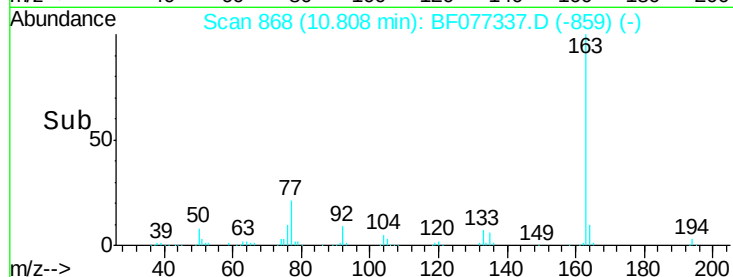
164 10.1 8.4 12.6



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: 42.10 ng

RT: 10.88 min Scan# 874

Delta R.T. 0.00 min

Lab File: BF077337.D

Acq: 18 Feb 2015 2:40

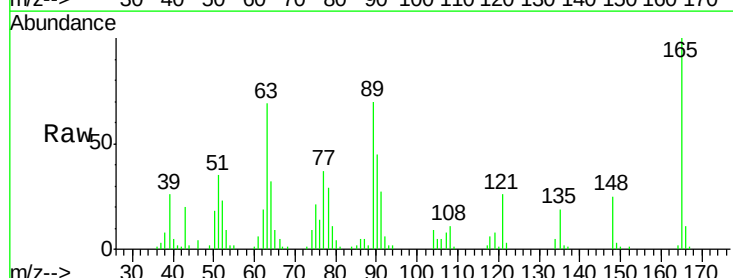
Tgt Ion:165 Resp: 60566

Ion Ratio Lower Upper

165 100

63 69.2 57.2 85.8

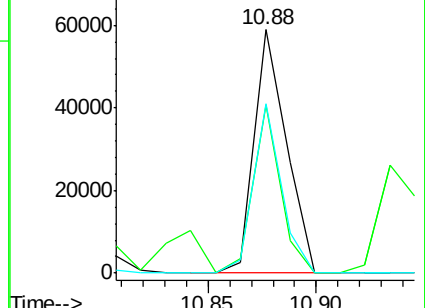
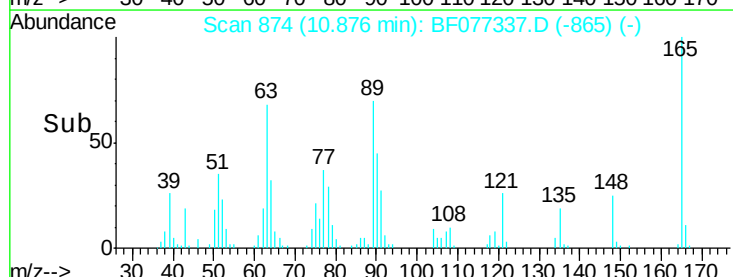
89 69.7 57.8 86.6

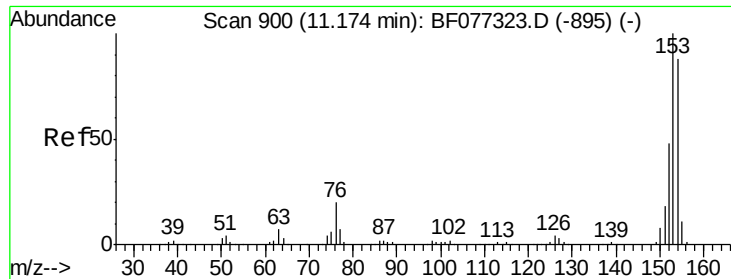


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 43.90 ng

RT: 11.17 min Scan# 900

Delta R.T. 0.00 min

Lab File: BF077337.D

Acq: 18 Feb 2015 2:40

Instrument :

BNA_F

ClientSampleId :

PB81761BS

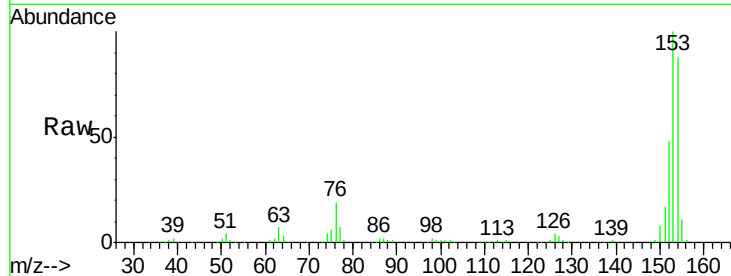
Tgt Ion:154 Resp: 289558

Ion Ratio Lower Upper

154 100

153 114.1 90.9 136.3

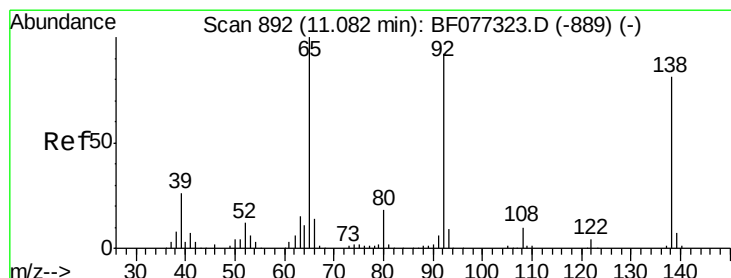
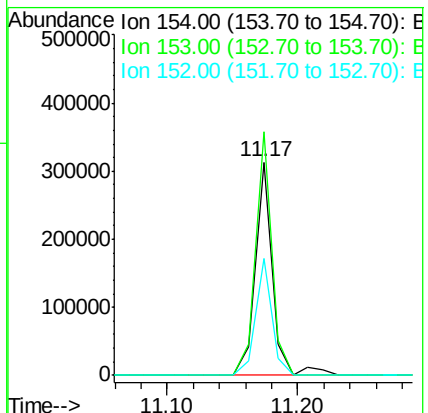
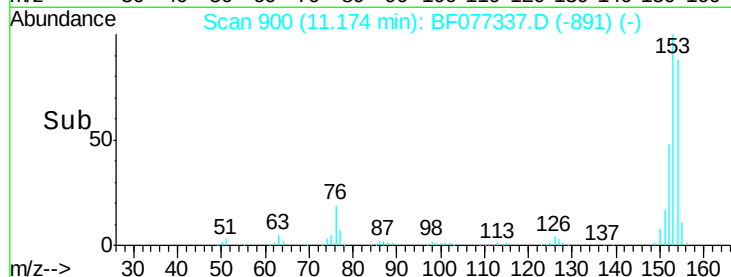
152 54.7 43.5 65.3



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: 29.73 ng

RT: 11.08 min Scan# 892

Delta R.T. 0.00 min

Lab File: BF077337.D

Acq: 18 Feb 2015 2:40

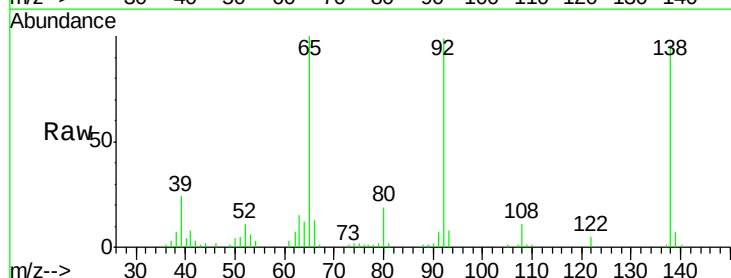
Tgt Ion:138 Resp: 50256

Ion Ratio Lower Upper

138 100

108 11.2 10.2 15.2

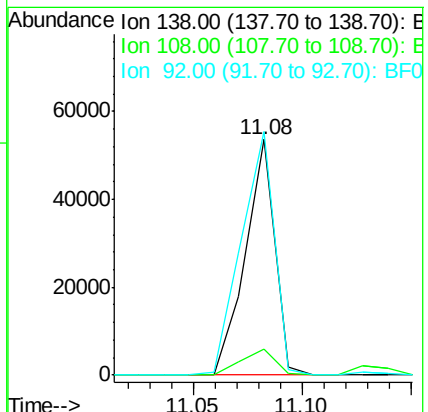
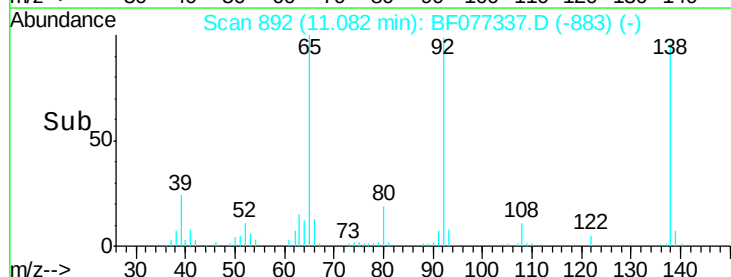
92 103.4 90.9 136.3

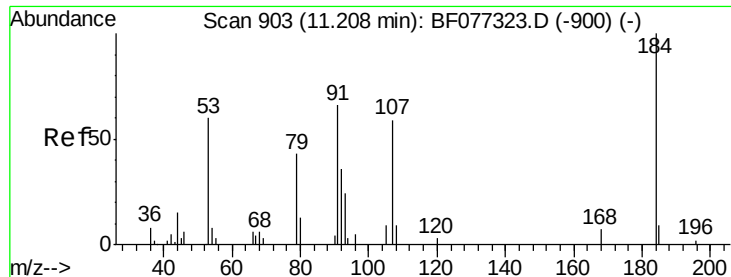


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

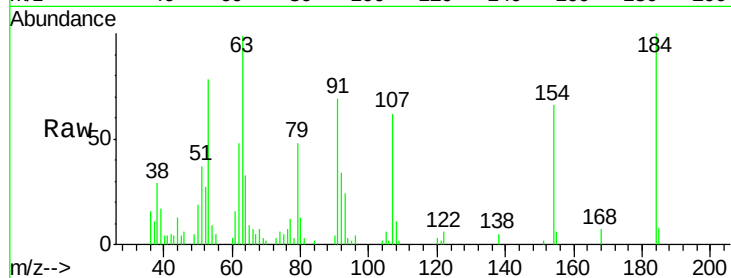




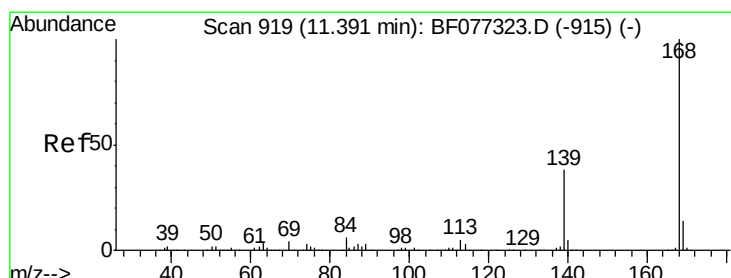
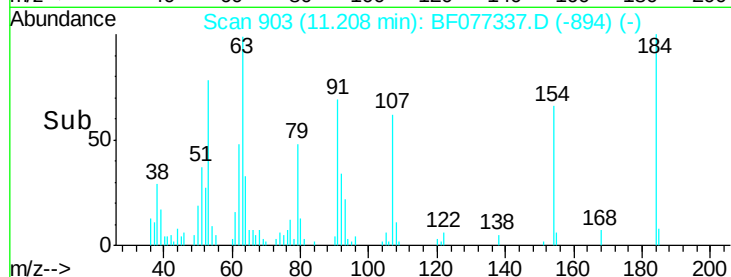
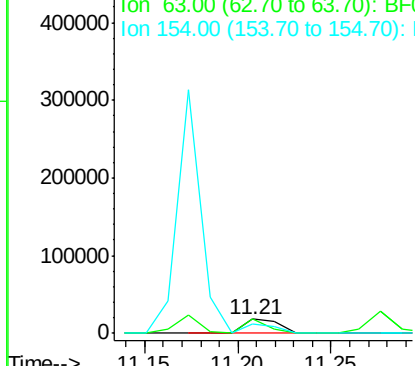
#53
2,4-Dinitrophenol
Concen: 110.27 ng
RT: 11.21 min Scan# 903
Delta R.T. 0.00 min
Lab File: BF077337.D
Acq: 18 Feb 2015 2:40

Instrument :
BNA_F
ClientSampleId :
PB81761BS

Tgt Ion:184 Resp: 24678
Ion Ratio Lower Upper
184 100
63 98.8 69.3 103.9
154 65.7 56.3 84.5

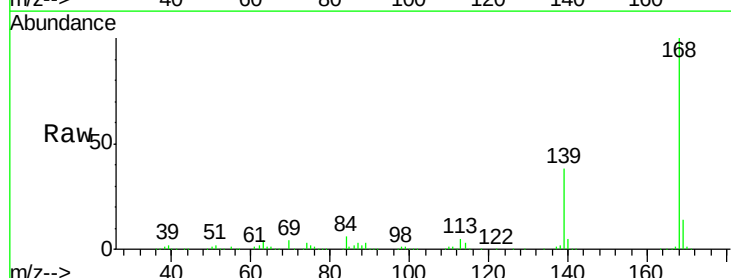


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

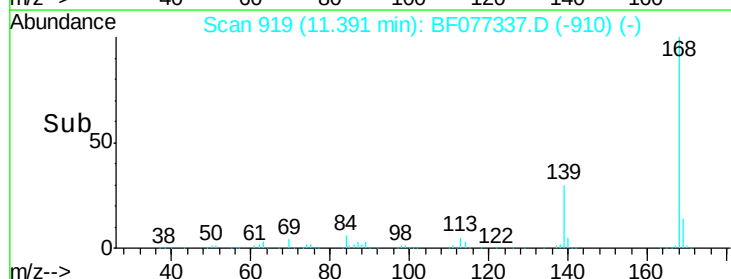
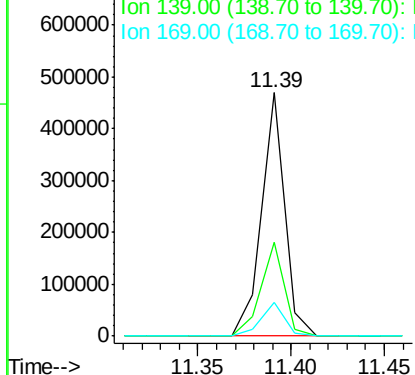


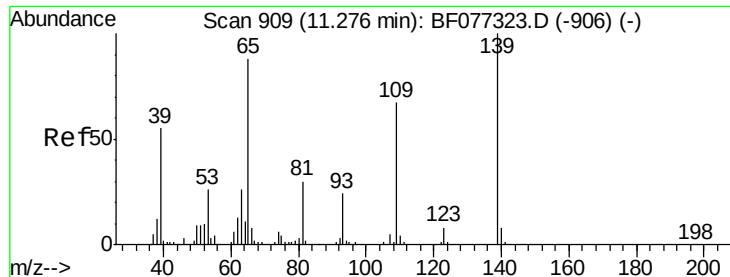
#54
Dibenzofuran
Concen: 40.96 ng
RT: 11.39 min Scan# 919
Delta R.T. 0.00 min
Lab File: BF077337.D
Acq: 18 Feb 2015 2:40

Tgt Ion:168 Resp: 409824
Ion Ratio Lower Upper
168 100
139 38.3 30.6 45.8
169 13.8 11.0 16.4



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: 86.55 ng

RT: 11.28 min Scan# 909

Delta R.T. 0.00 min

Lab File: BF077337.D

Acq: 18 Feb 2015 2:40

Instrument :

BNA_F

ClientSampleId :

PB81761BS

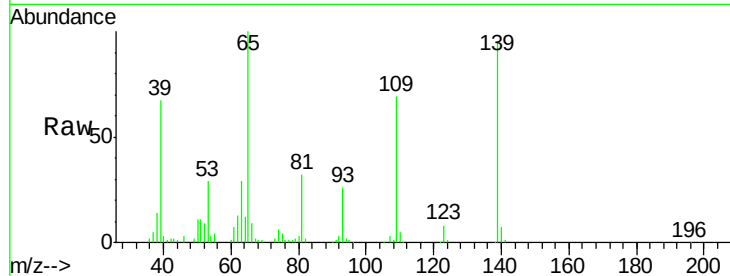
Tgt Ion:139 Resp: 101651

Ion Ratio Lower Upper

139 100

109 72.5 47.5 87.5

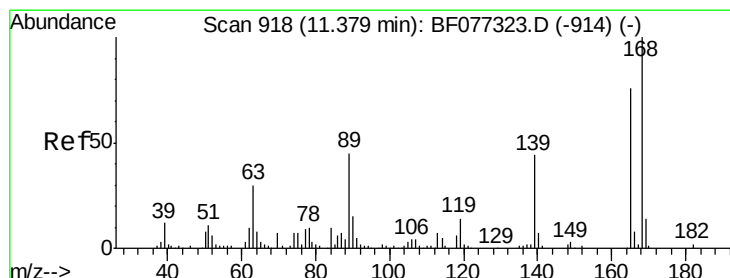
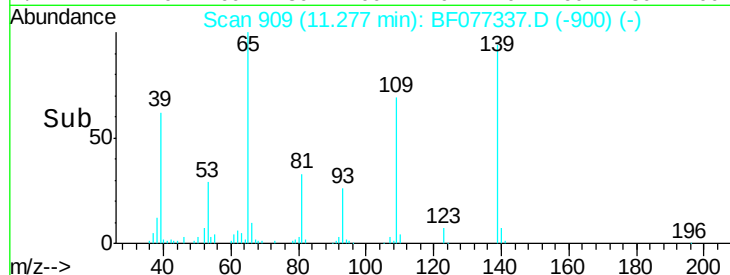
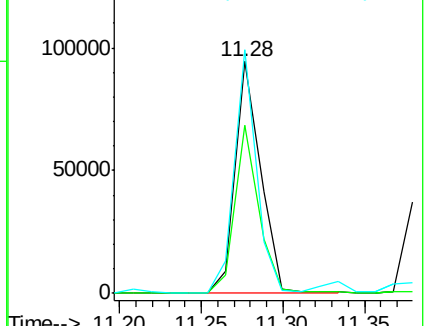
65 105.1 67.8 107.8



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: 47.33 ng

RT: 11.38 min Scan# 918

Delta R.T. 0.00 min

Lab File: BF077337.D

Acq: 18 Feb 2015 2:40

Tgt Ion:165 Resp: 85752

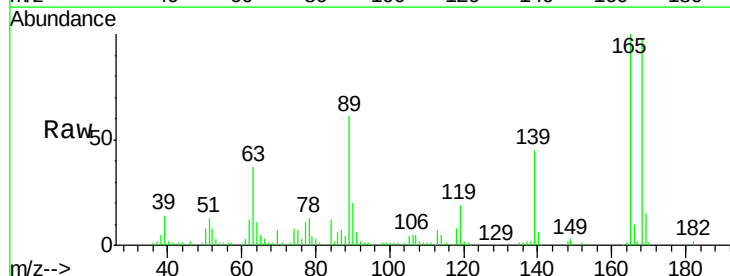
Ion Ratio Lower Upper

165 100

63 37.1 31.6 47.4

89 61.3 48.1 72.1

182 2.4 1.9 2.9

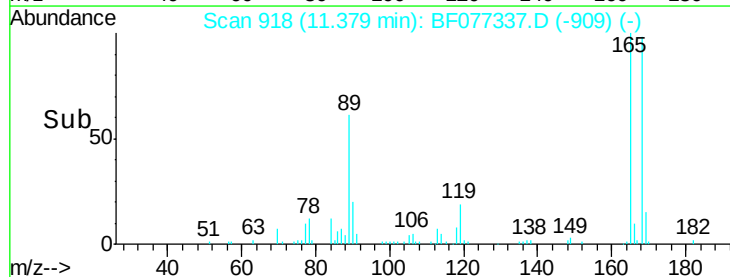
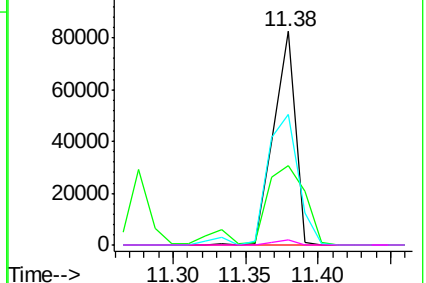


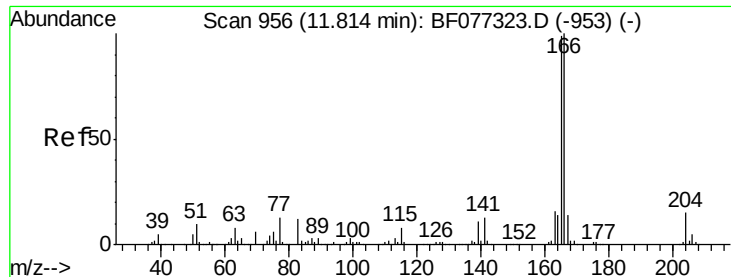
Abundance Ion 165.00 (164.70 to 165.70): E

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

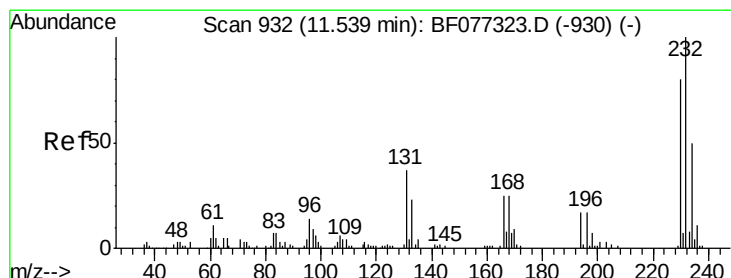
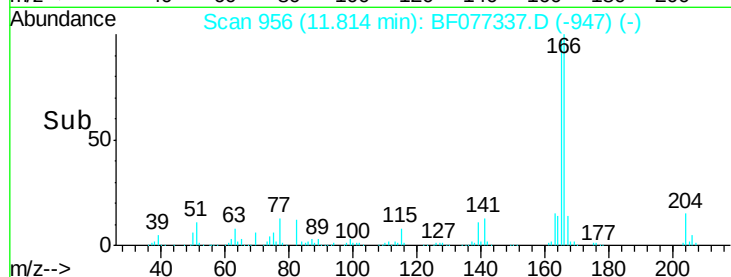
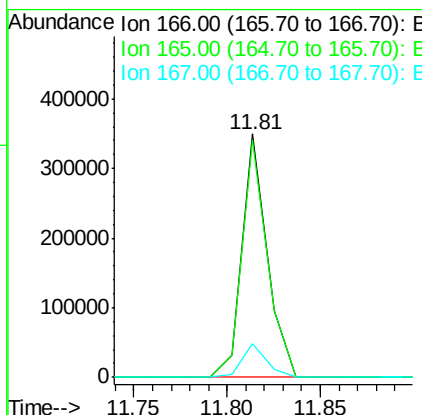
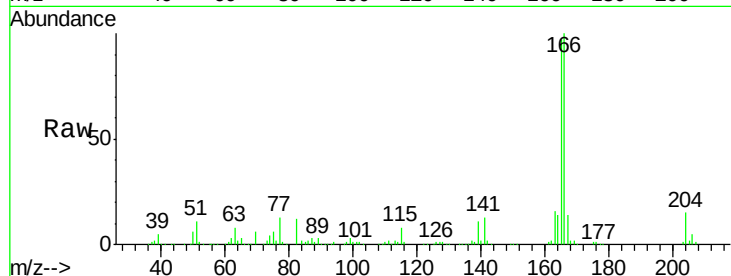




#57
 Fluorene
 Concen: 41.74 ng
 RT: 11.81 min Scan# 956
 Delta R.T. 0.00 min
 Lab File: BF077337.D
 Acq: 18 Feb 2015 2:40

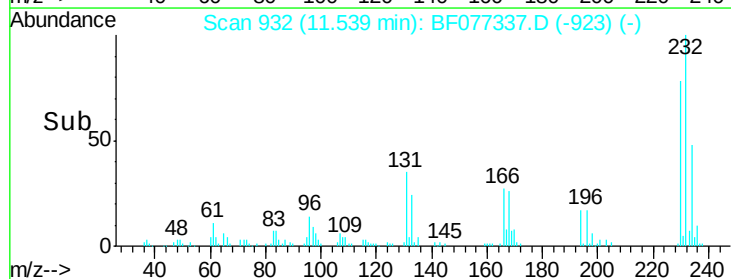
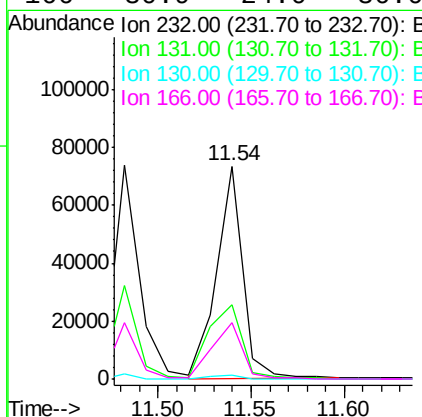
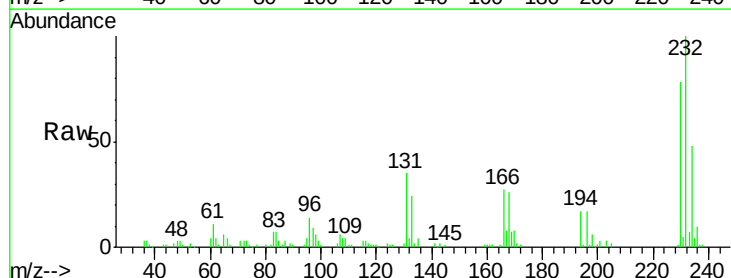
Instrument :
 BNA_F
 ClientSampleId :
 PB81761BS

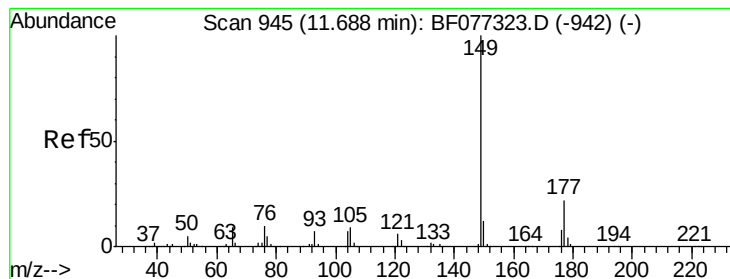
Tgt Ion:166 Resp: 327628
 Ion Ratio Lower Upper
 166 100
 165 97.2 79.2 118.8
 167 13.7 11.0 16.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.59 ng
 RT: 11.54 min Scan# 932
 Delta R.T. 0.00 min
 Lab File: BF077337.D
 Acq: 18 Feb 2015 2:40

Tgt Ion:232 Resp: 71367
 Ion Ratio Lower Upper
 232 100
 131 45.8 37.5 56.3
 130 2.1 1.7 2.5
 166 30.9 24.0 36.0





#59

Diethylphthalate

Concen: 43.03 ng

RT: 11.69 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF077337.D

Acq: 18 Feb 2015 2:40

Instrument :

BNA_F

ClientSampleId :

PB81761BS

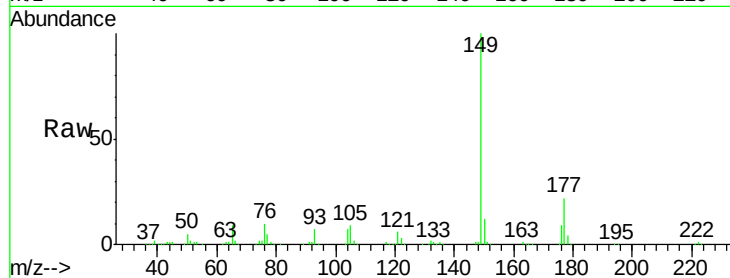
Tgt Ion:149 Resp: 350753

Ion Ratio Lower Upper

149 100

177 22.4 17.5 26.3

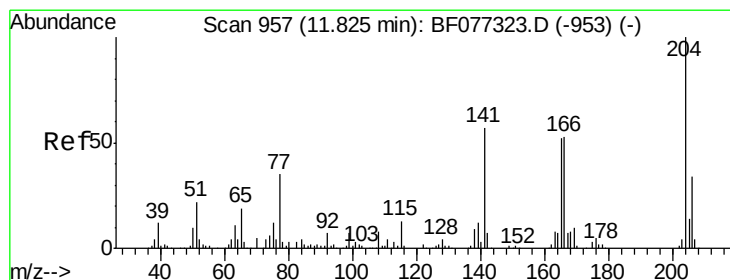
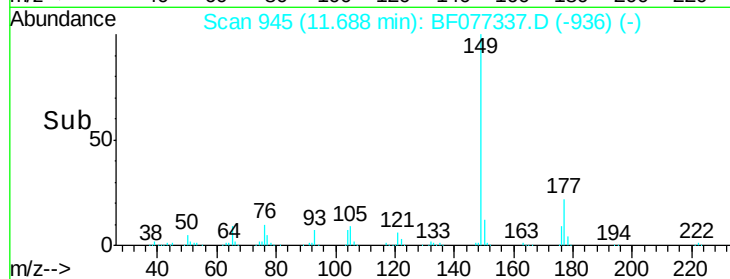
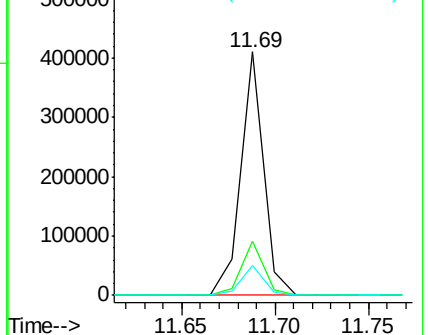
150 12.4 9.9 14.9



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: 41.17 ng

RT: 11.83 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF077337.D

Acq: 18 Feb 2015 2:40

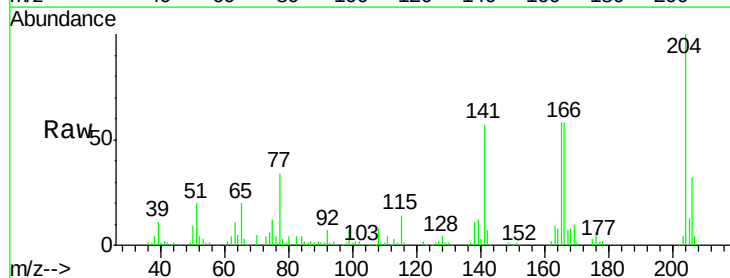
Tgt Ion:204 Resp: 157205

Ion Ratio Lower Upper

204 100

206 31.9 26.8 40.2

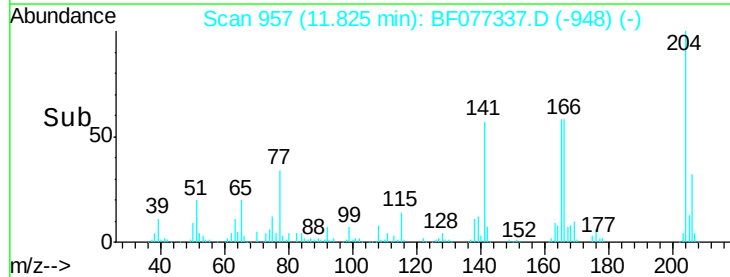
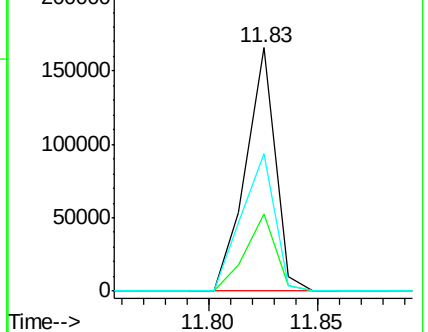
141 56.5 45.3 67.9

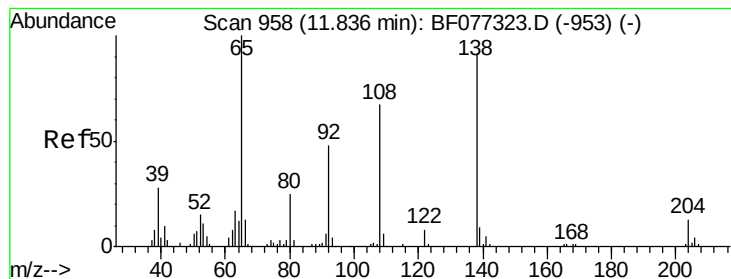


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 44.04 ng

RT: 11.84 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF077337.D

Acq: 18 Feb 2015 2:40

Instrument :

BNA_F

ClientSampleId :

PB81761BS

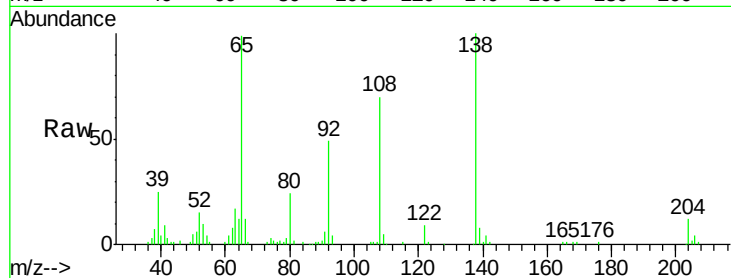
Tgt Ion:138 Resp: 73276

Ion Ratio Lower Upper

138 100

92 49.1 32.7 72.7

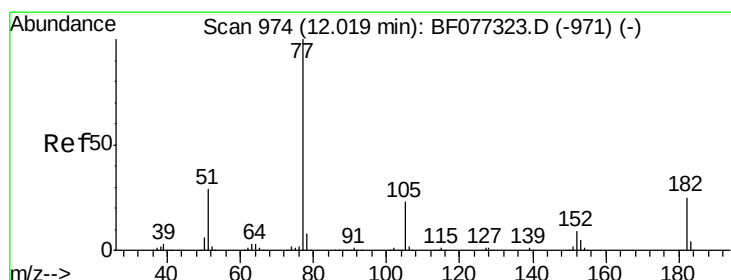
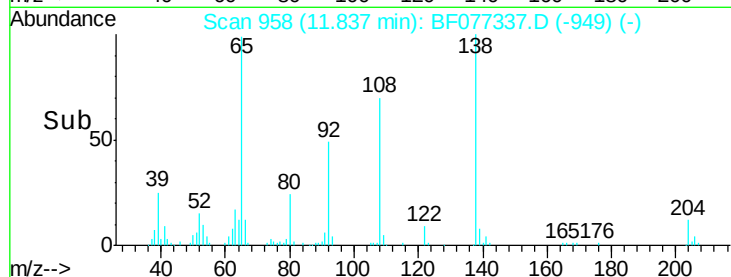
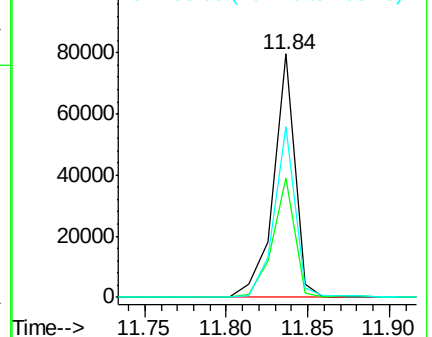
108 69.9 53.9 93.9



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: 41.63 ng

RT: 12.02 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF077337.D

Acq: 18 Feb 2015 2:40

Tgt Ion: 77 Resp: 336186

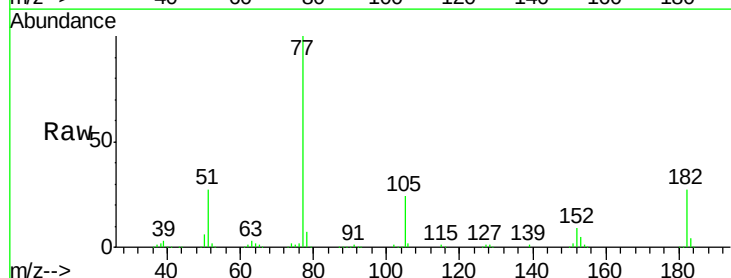
Ion Ratio Lower Upper

77 100

182 26.8 5.0 45.0

105 24.1 3.3 43.3

51 27.2 9.1 49.1

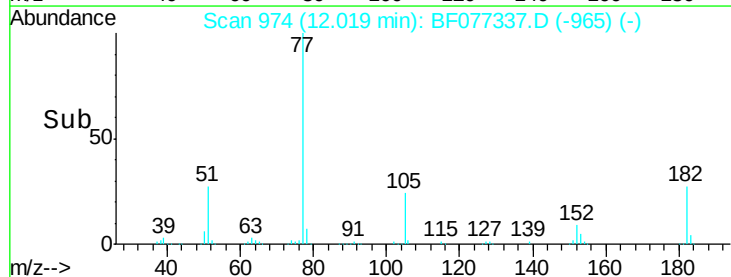
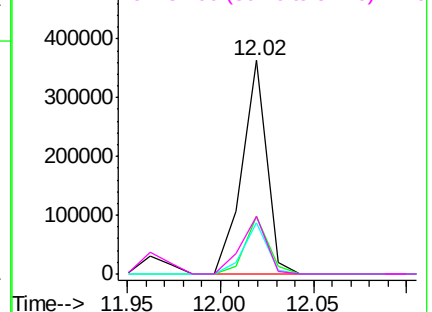


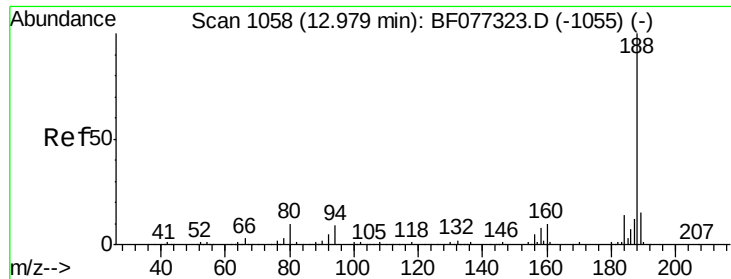
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

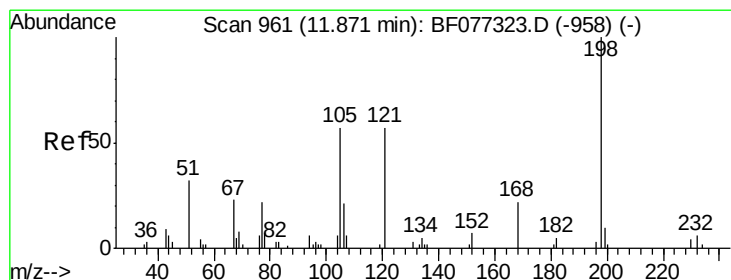
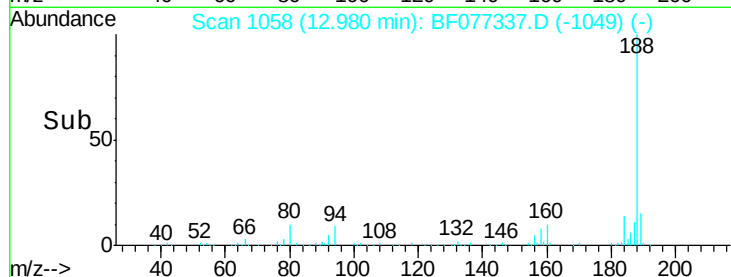
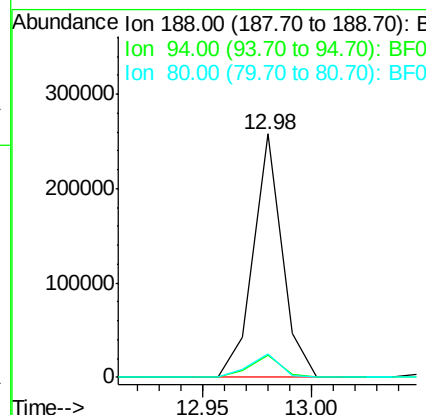
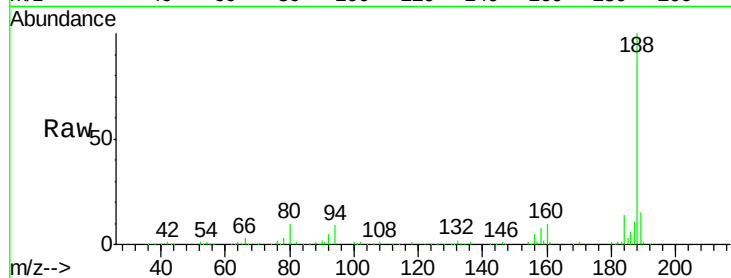




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.98 min Scan# 1058
 Delta R.T. 0.00 min
 Lab File: BF077337.D
 Acq: 18 Feb 2015 2:40

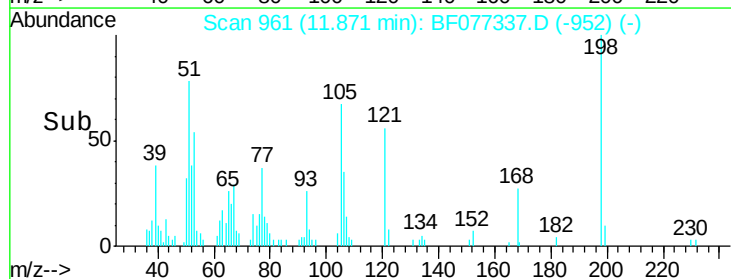
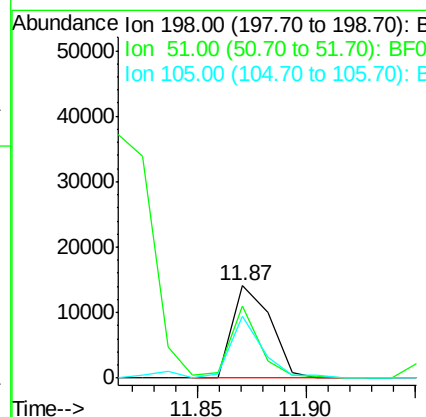
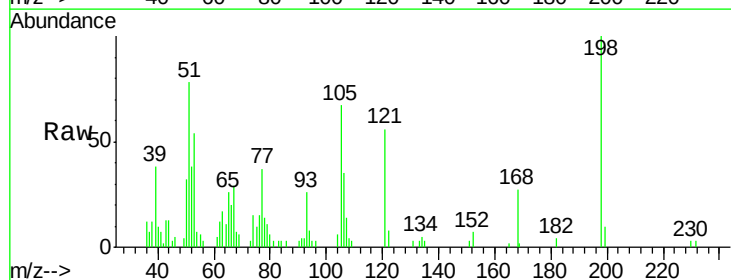
Instrument :
 BNA_F
 ClientSampleId :
 PB81761BS

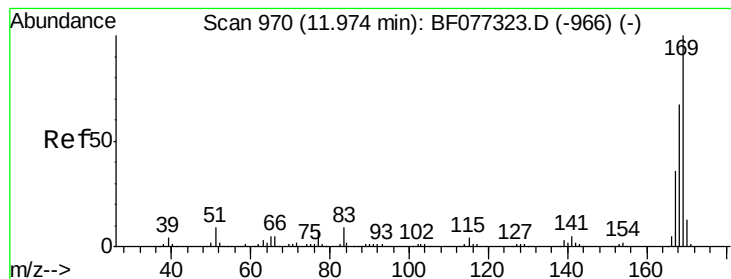
Tgt Ion:188 Resp: 238398
 Ion Ratio Lower Upper
 188 100
 94 9.1 7.2 10.8
 80 9.6 7.8 11.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 40.85 ng
 RT: 11.87 min Scan# 961
 Delta R.T. 0.00 min
 Lab File: BF077337.D
 Acq: 18 Feb 2015 2:40

Tgt Ion:198 Resp: 17211
 Ion Ratio Lower Upper
 198 100
 51 77.8 54.6 94.6
 105 66.7 45.4 85.4

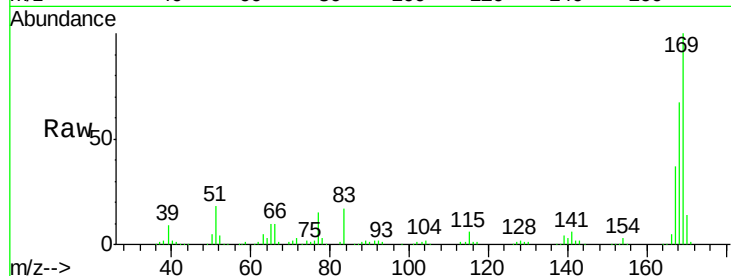




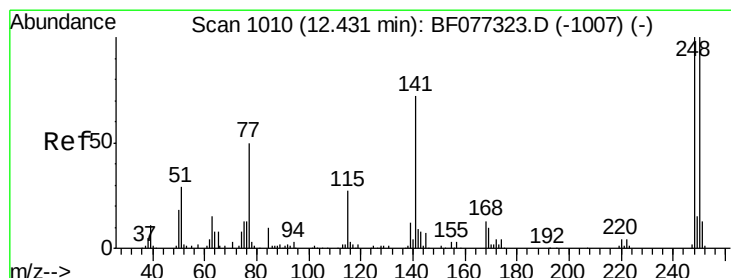
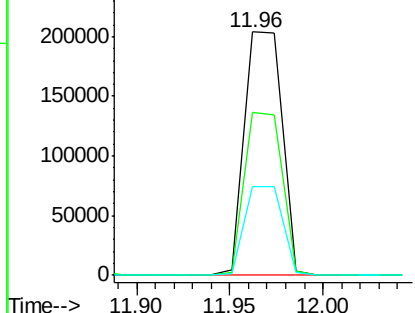
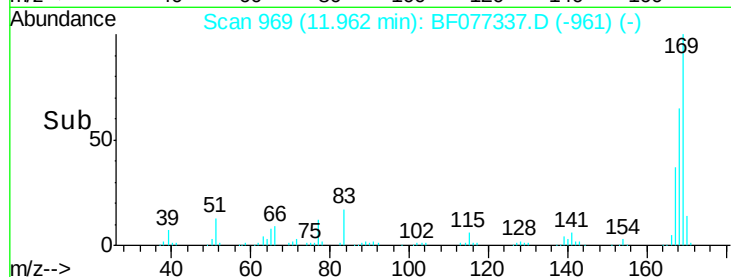
#65
 n-Nitrosodiphenylamine
 Concen: 36.65 ng
 RT: 11.96 min Scan# 969
 Delta R.T. -0.01 min
 Lab File: BF077337.D
 Acq: 18 Feb 2015 2:40

Instrument :
 BNA_F
 ClientSampleId :
 PB81761BS

Tgt Ion:169 Resp: 284965
 Ion Ratio Lower Upper
 169 100
 168 67.1 53.4 80.0
 167 36.7 29.1 43.7

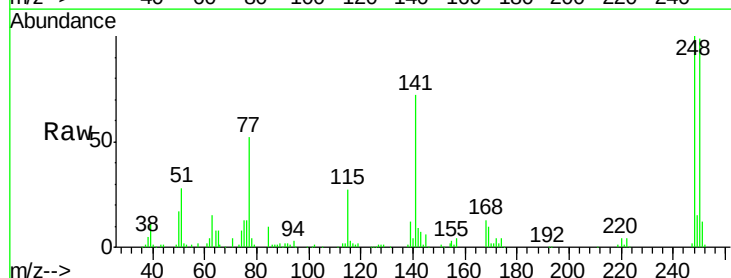


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

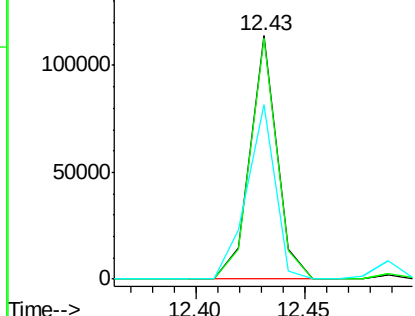
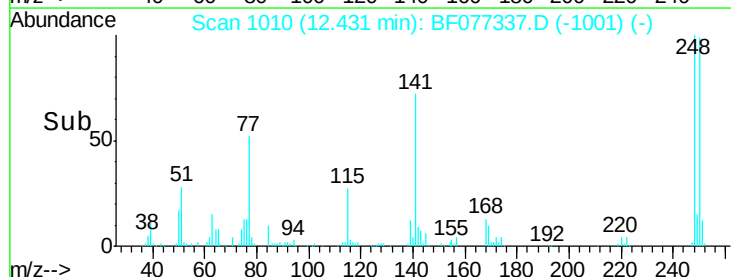


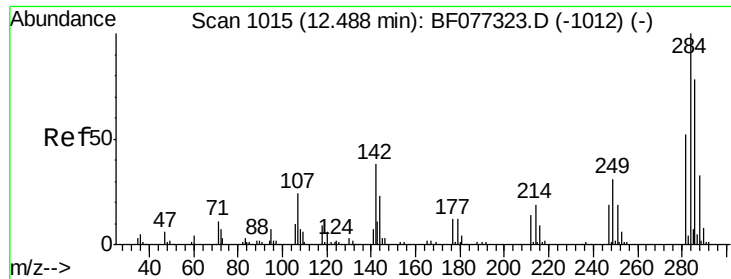
#66
 4-Bromophenyl-phenylether
 Concen: 36.81 ng
 RT: 12.43 min Scan# 1010
 Delta R.T. 0.00 min
 Lab File: BF077337.D
 Acq: 18 Feb 2015 2:40

Tgt Ion:248 Resp: 97851
 Ion Ratio Lower Upper
 248 100
 250 99.2 80.2 120.4
 141 71.7 57.5 86.3



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: 36.20 ng

RT: 12.49 min Scan# 1015

Delta R.T. 0.00 min

Lab File: BF077337.D

Acq: 18 Feb 2015 2:40

Instrument :

BNA_F

ClientSampleID :

PB81761BS

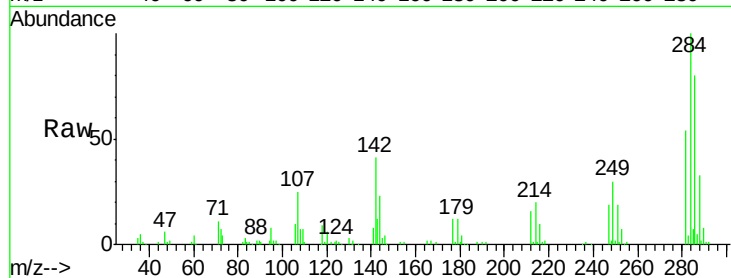
Tgt Ion: 284 Resp: 109159

Ion Ratio Lower Upper

284 100

142 41.0 30.8 46.2

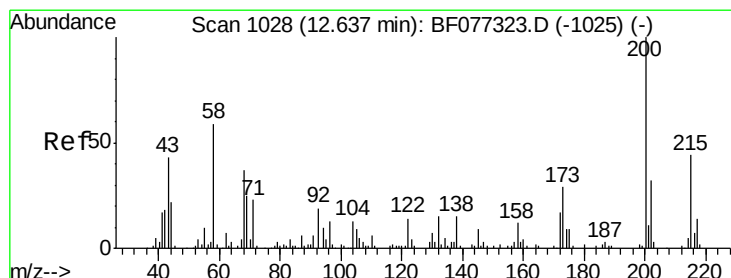
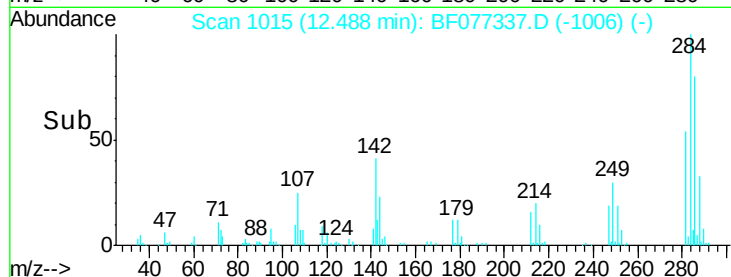
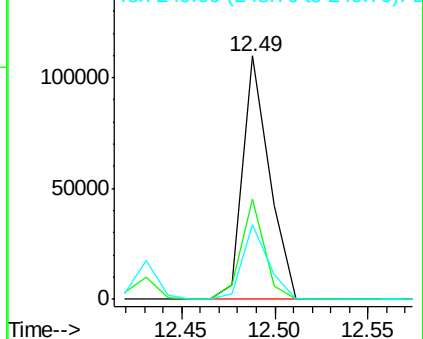
249 30.5 24.6 36.8



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: 38.48 ng

RT: 12.64 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF077337.D

Acq: 18 Feb 2015 2:40

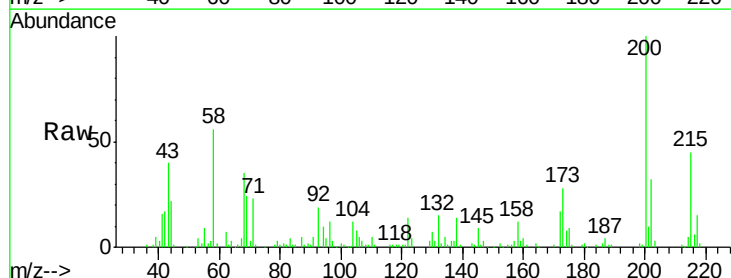
Tgt Ion: 200 Resp: 89444

Ion Ratio Lower Upper

200 100

173 27.5 9.2 49.2

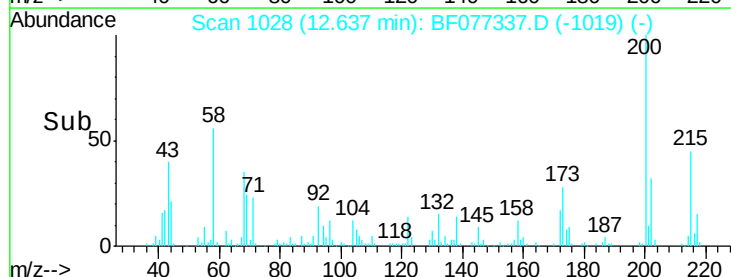
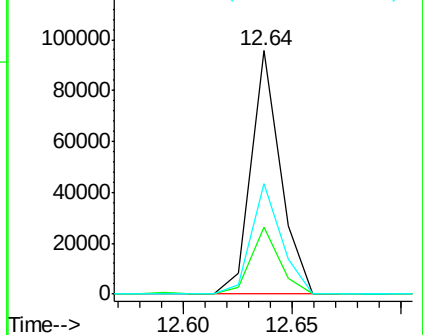
215 45.5 23.8 63.8

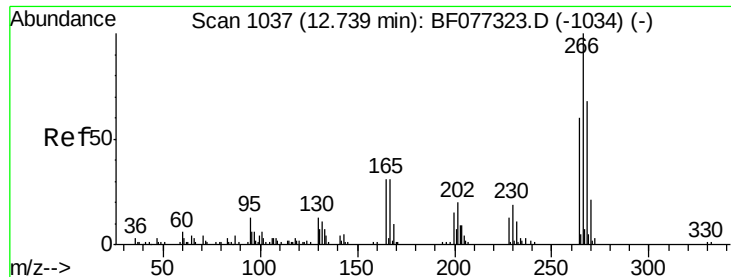


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

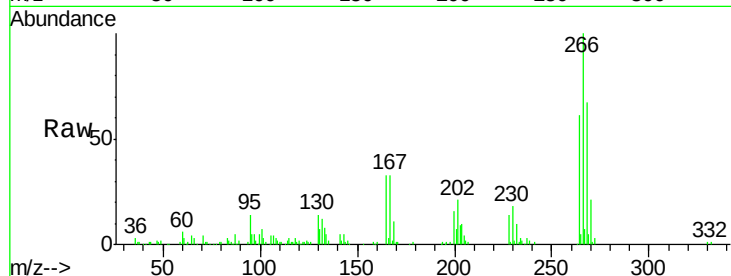




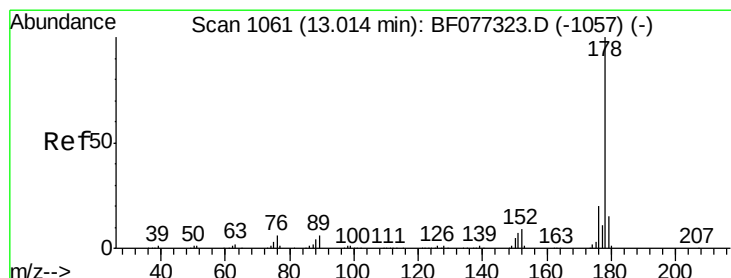
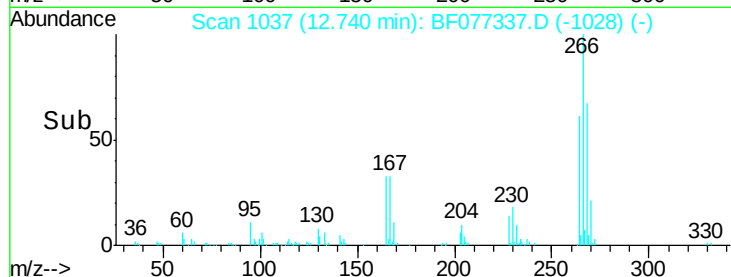
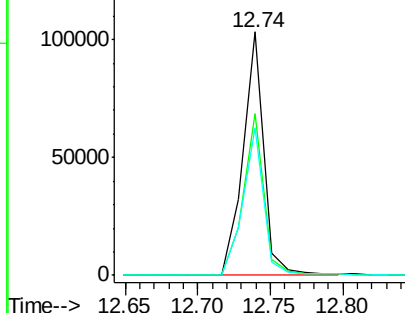
#69
 Pentachlorophenol
 Concen: 87.66 ng
 RT: 12.74 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: BF077337.D
 Acq: 18 Feb 2015 2:40

Instrument :
 BNA_F
 ClientSampleId :
 PB81761BS

Tgt Ion: 266 Resp: 103533
 Ion Ratio Lower Upper
 266 100
 268 66.5 54.0 81.0
 264 60.7 48.2 72.2

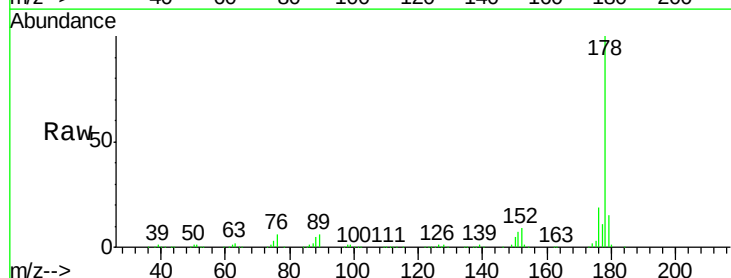


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

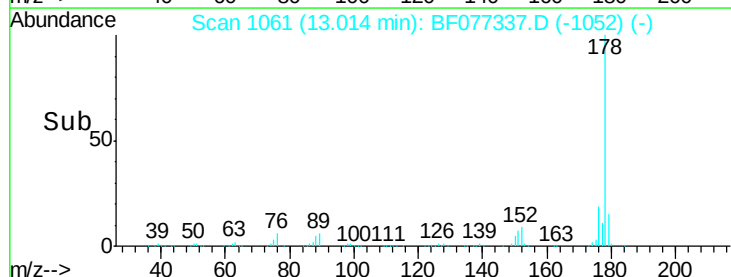
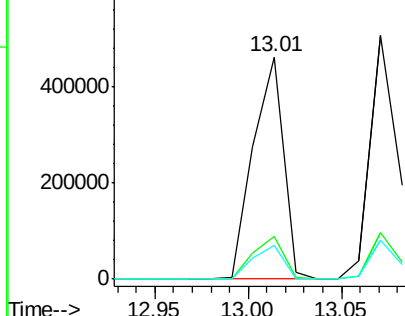


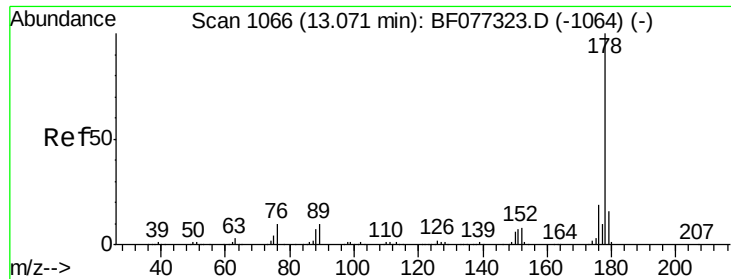
#70
 Phenanthrene
 Concen: 37.39 ng
 RT: 13.01 min Scan# 1061
 Delta R.T. 0.00 min
 Lab File: BF077337.D
 Acq: 18 Feb 2015 2:40

Tgt Ion: 178 Resp: 517937
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.6 23.4
 179 15.4 12.3 18.5



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

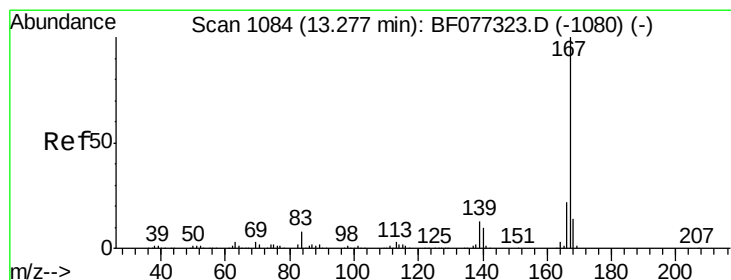
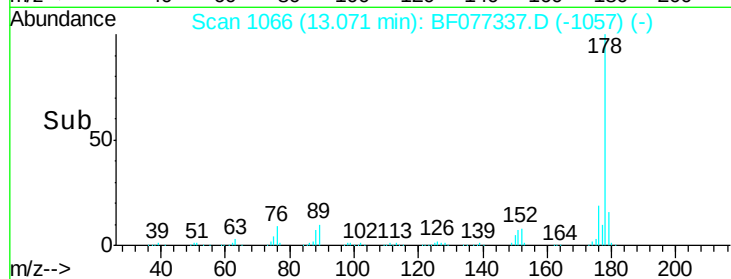
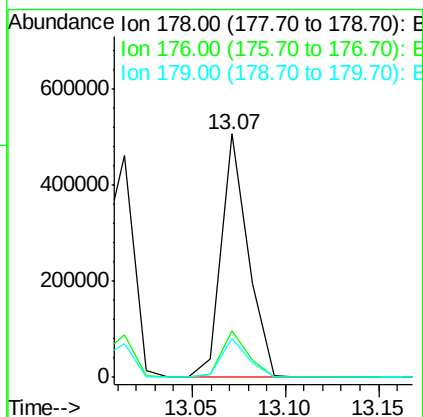
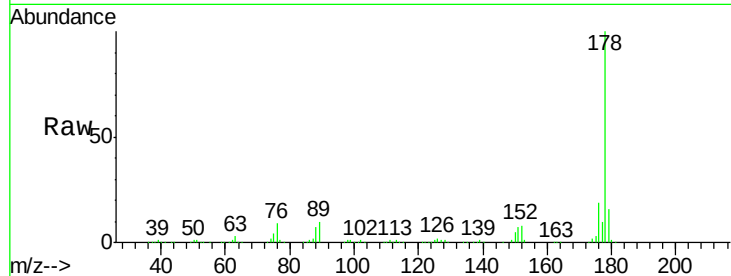




#71
 Anthracene
 Concen: 37.07 ng
 RT: 13.07 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: BF077337.D
 Acq: 18 Feb 2015 2:40

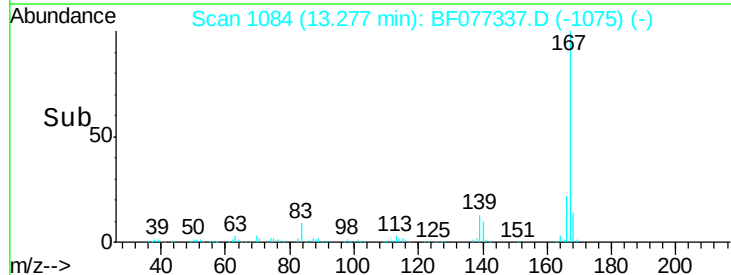
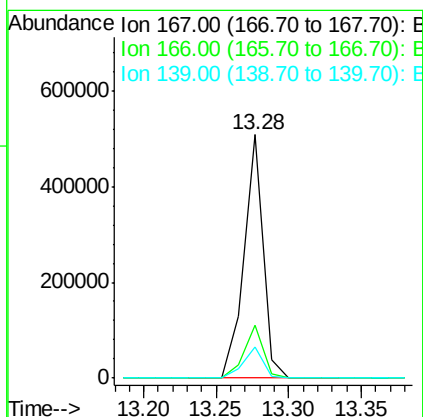
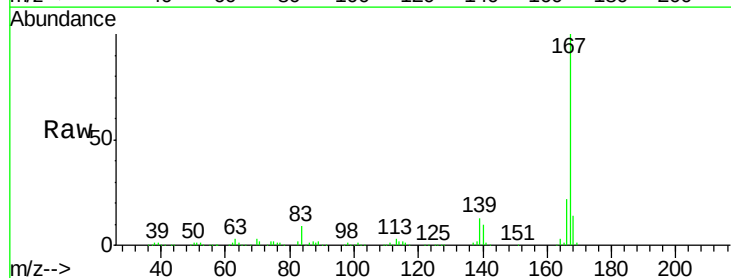
Instrument :
 BNA_F
 ClientSampleId :
 PB81761BS

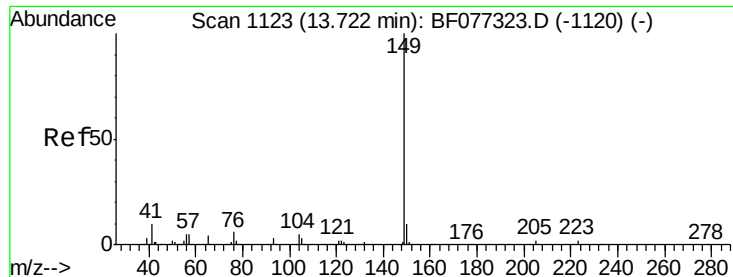
Tgt Ion:178 Resp: 510616
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.3 22.9
 179 15.8 12.8 19.2



#72
 Carbazole
 Concen: 38.53 ng
 RT: 13.28 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: BF077337.D
 Acq: 18 Feb 2015 2:40

Tgt Ion:167 Resp: 466621
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.4 26.2
 139 12.6 10.6 15.8





#73

Di-n-butylphthalate

Concen: 39.34 ng

RT: 13.72 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BF077337.D

Acq: 18 Feb 2015 2:40

Instrument :

BNA_F

ClientSampleId :

PB81761BS

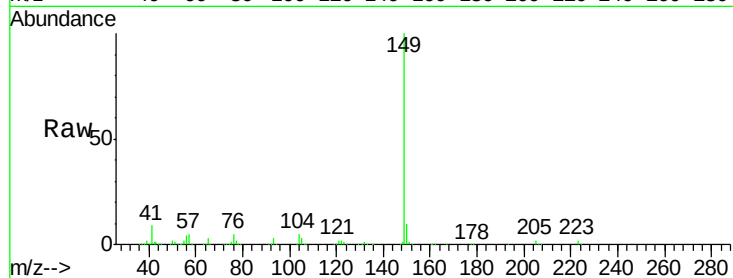
Tgt Ion:149 Resp: 586465

Ion Ratio Lower Upper

149 100

150 9.6 7.7 11.5

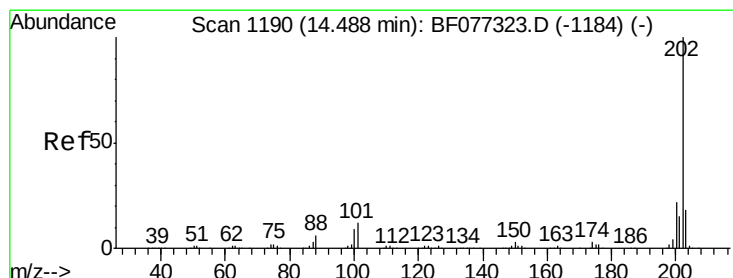
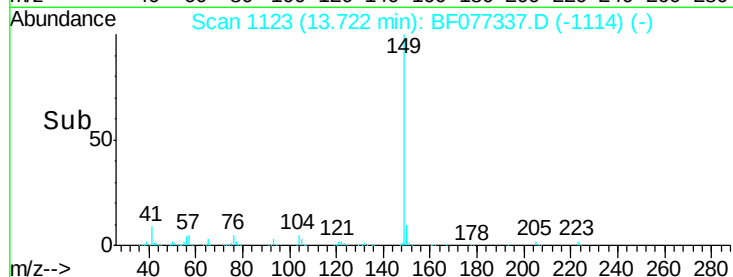
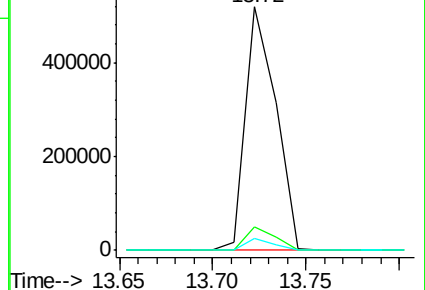
104 5.1 4.3 6.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.98 ng

RT: 14.49 min Scan# 1190

Delta R.T. 0.00 min

Lab File: BF077337.D

Acq: 18 Feb 2015 2:40

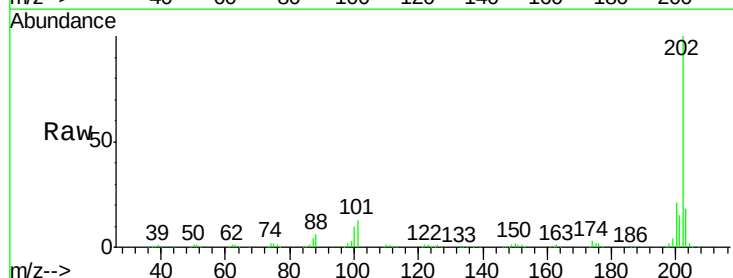
Tgt Ion:202 Resp: 531305

Ion Ratio Lower Upper

202 100

101 12.9 0.0 32.4

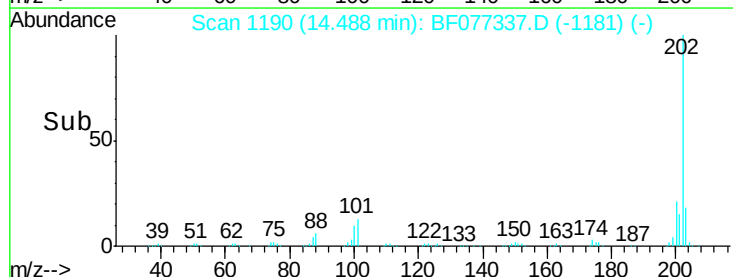
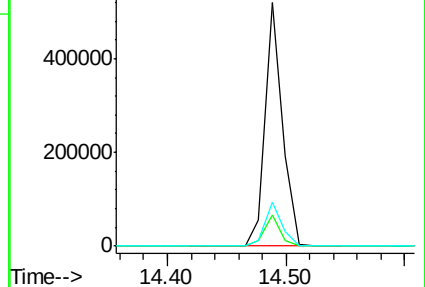
203 17.8 0.0 37.7

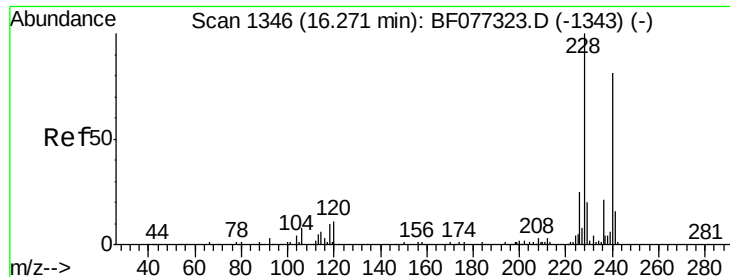


Abundance Ion 202.00 (201.70 to 202.70): E

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: 16.28 min Scan# 1347

Delta R.T. 0.01 min

Lab File: BF077337.D

Acq: 18 Feb 2015 2:40

Instrument :

BNA_F

ClientSampleId :

PB81761BS

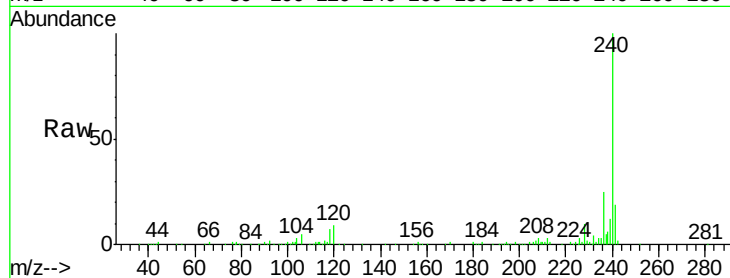
Tgt Ion:240 Resp: 240988

Ion Ratio Lower Upper

240 100

120 8.5 11.3 16.9#

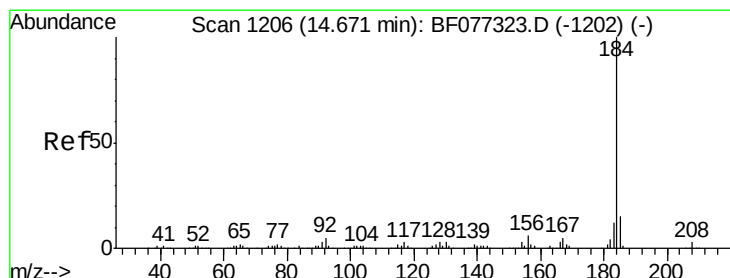
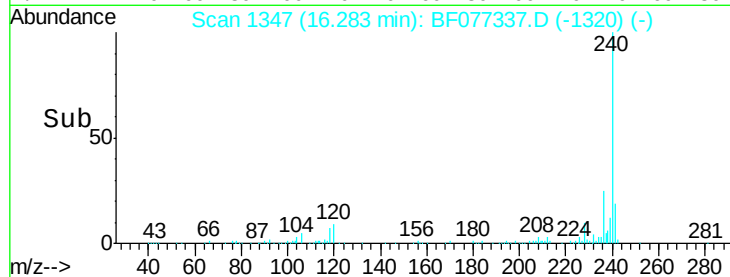
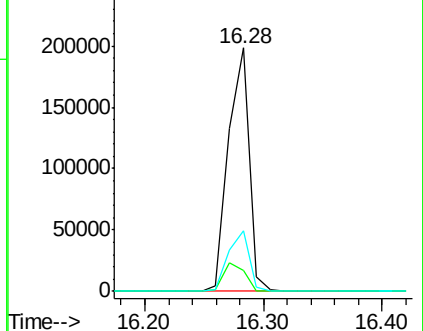
236 25.1 20.3 30.5



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: 20.55 ng

RT: 14.67 min Scan# 1206

Delta R.T. 0.00 min

Lab File: BF077337.D

Acq: 18 Feb 2015 2:40

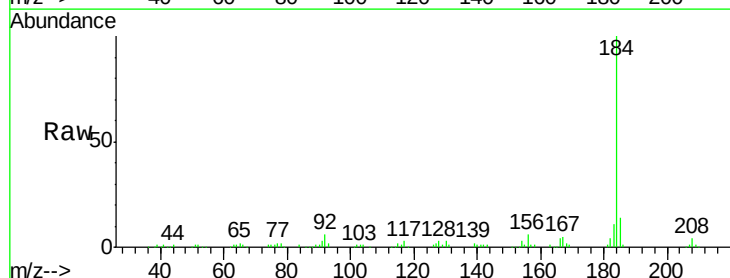
Tgt Ion:184 Resp: 152126

Ion Ratio Lower Upper

184 100

185 14.1 12.3 18.5

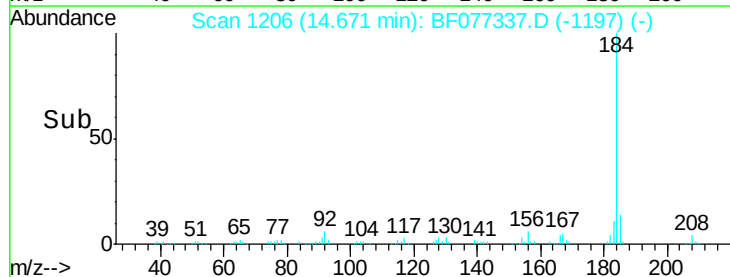
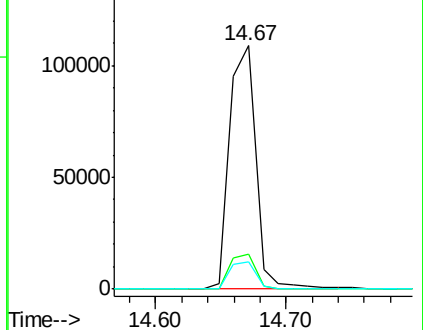
183 11.0 9.3 13.9

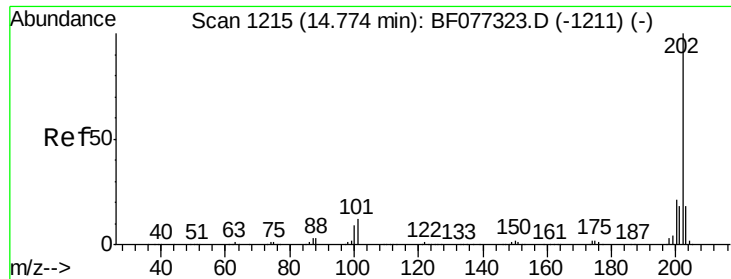


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

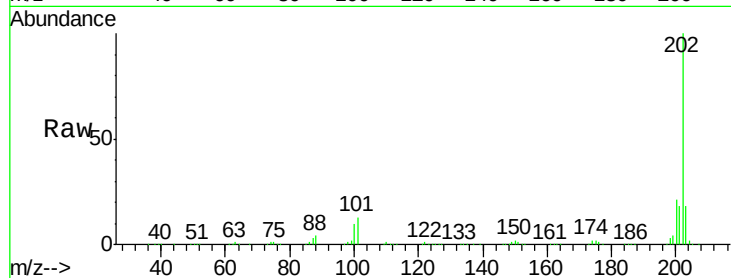




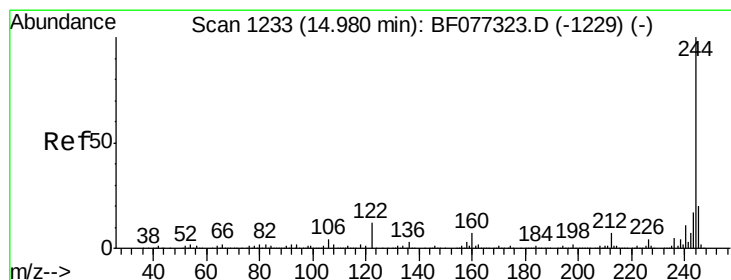
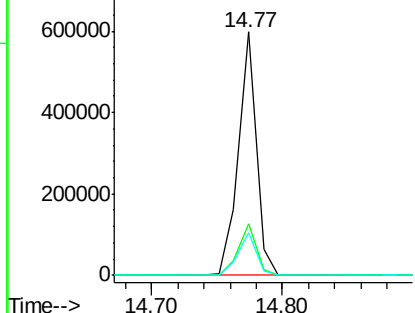
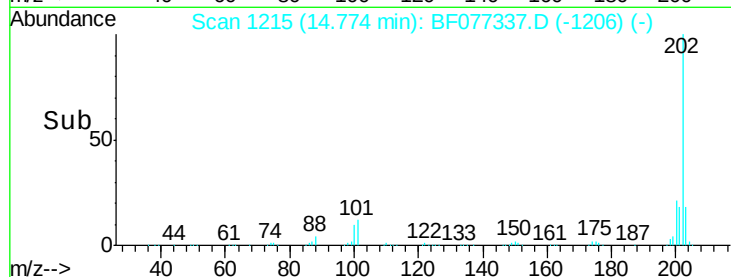
#77
 Pyrene
 Concen: 38.22 ng
 RT: 14.77 min Scan# 1215
 Delta R.T. 0.00 min
 Lab File: BF077337.D
 Acq: 18 Feb 2015 2:40

Instrument :
 BNA_F
 ClientSampleId :
 PB81761BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.0	25.4
203	17.7	14.2	21.4

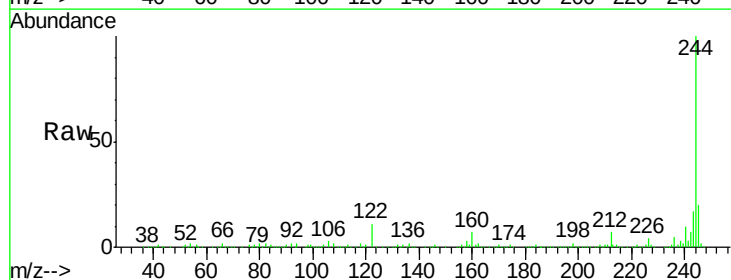


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

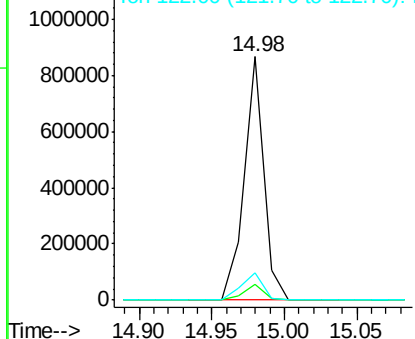
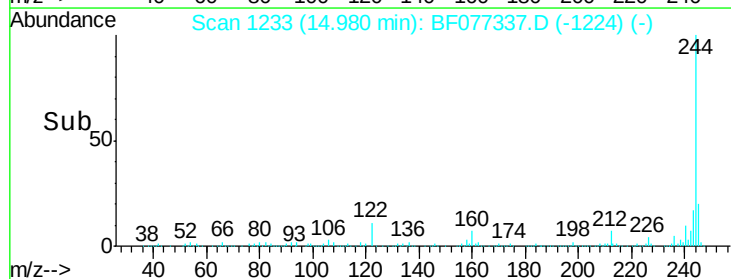


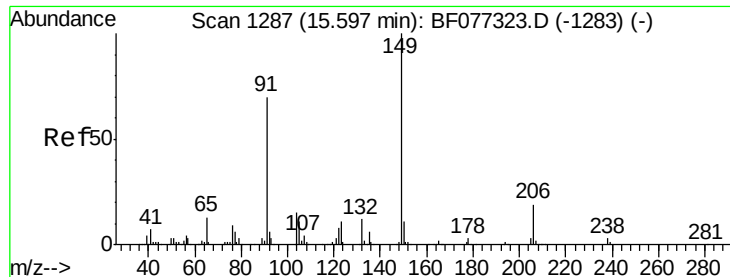
#78
 Terphenyl-d14
 Concen: 76.57 ng
 RT: 14.98 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: BF077337.D
 Acq: 18 Feb 2015 2:40

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	11.2	9.3	13.9



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

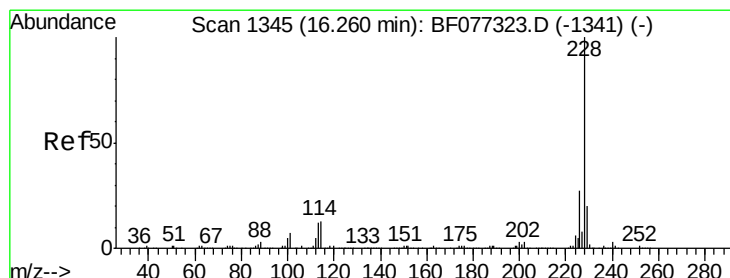
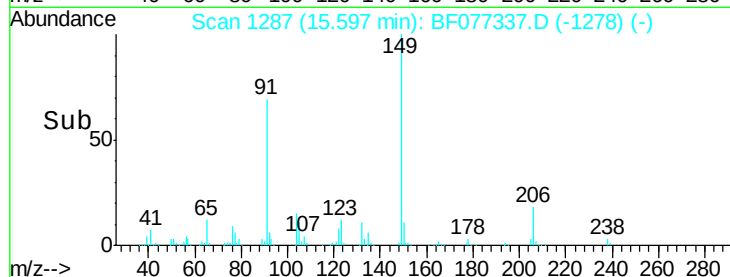
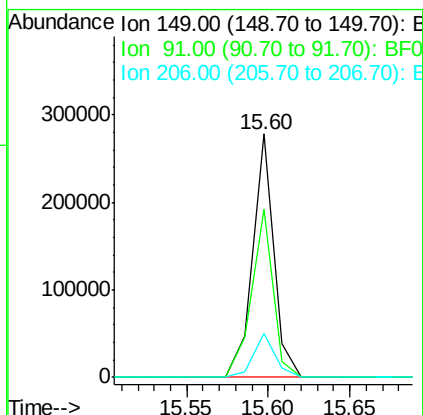
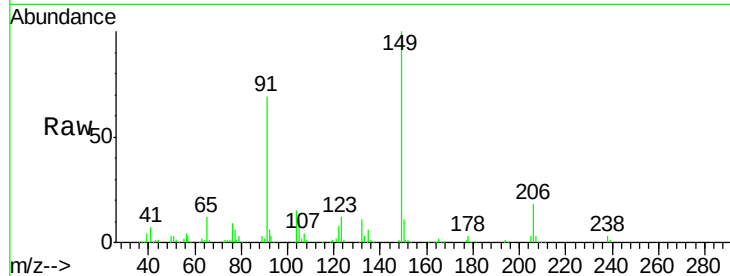




#79
Butylbenzylphthalate
Concen: 42.26 ng
RT: 15.60 min Scan# 1287
Delta R.T. 0.00 min
Lab File: BF077337.D
Acq: 18 Feb 2015 2:40

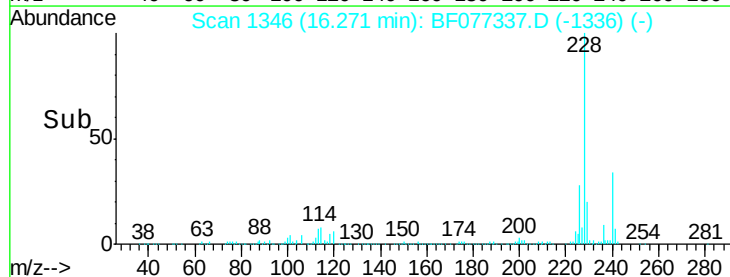
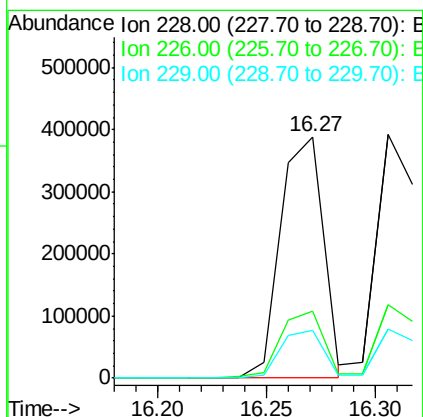
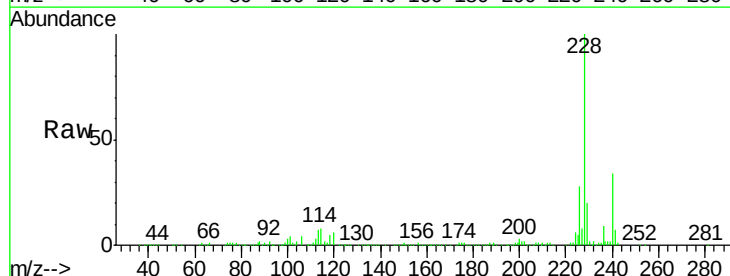
Instrument :
BNA_F
ClientSampleId :
PB81761BS

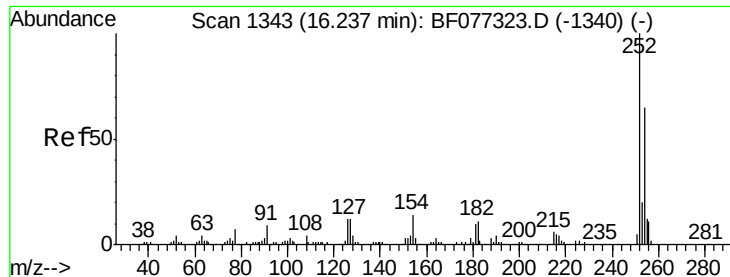
Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.9	55.9	83.9
206	18.3	15.4	23.0



#80
Benzo(a)anthracene
Concen: 38.20 ng
RT: 16.27 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BF077337.D
Acq: 18 Feb 2015 2:40

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.9	32.9
229	19.6	16.1	24.1

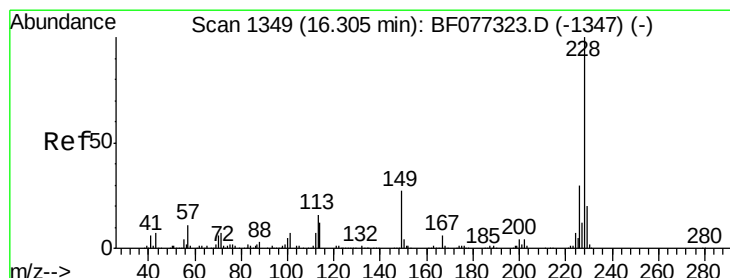
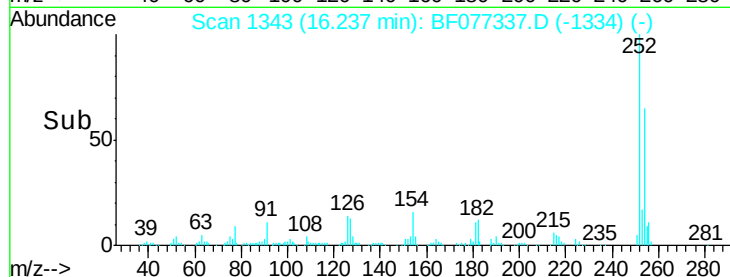
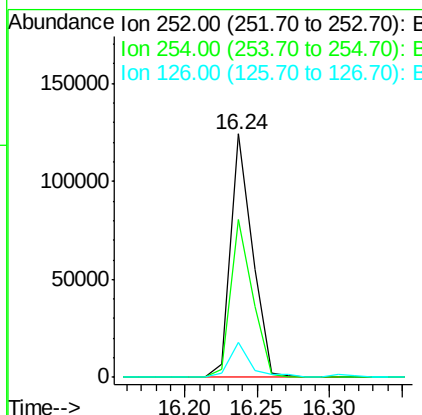
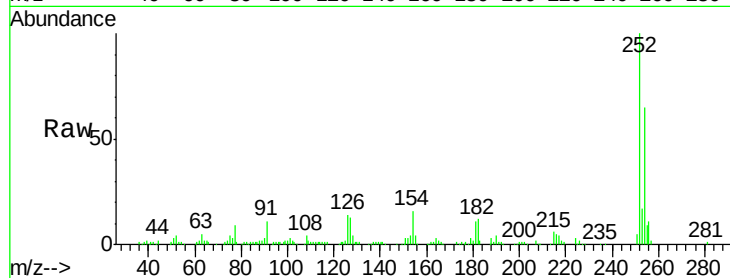




#81
 3,3'-Dichlorobenzidine
 Concen: 28.22 ng
 RT: 16.24 min Scan# 1343
 Delta R.T. 0.00 min
 Lab File: BF077337.D
 Acq: 18 Feb 2015 2:40

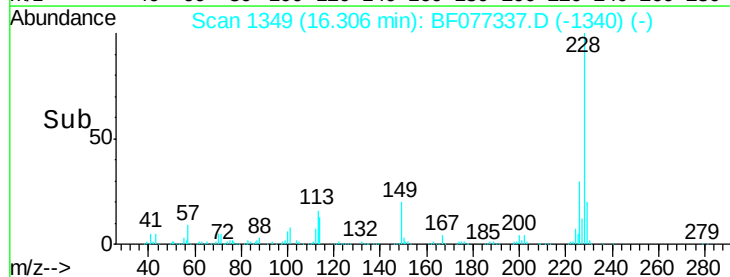
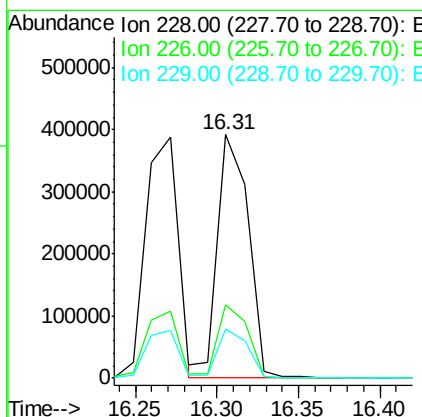
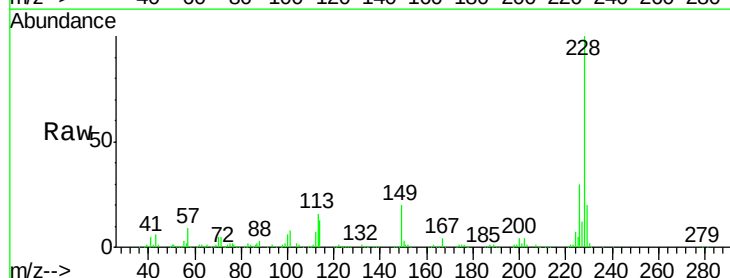
Instrument :
 BNA_F
 ClientSampleId :
 PB81761BS

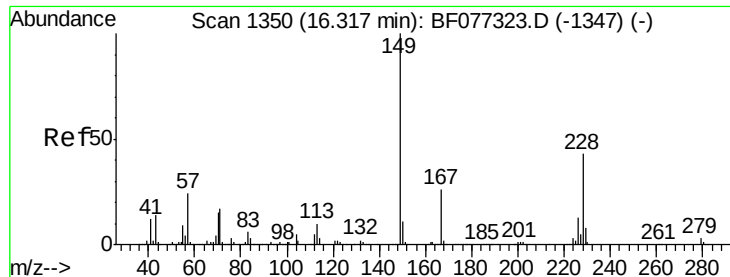
Tgt Ion: 252 Resp: 130804
 Ion Ratio Lower Upper
 252 100
 254 64.8 52.0 78.0
 126 14.4 9.7 14.5



#82
 Chrysene
 Concen: 38.29 ng
 RT: 16.31 min Scan# 1349
 Delta R.T. 0.00 min
 Lab File: BF077337.D
 Acq: 18 Feb 2015 2:40

Tgt Ion: 228 Resp: 508078
 Ion Ratio Lower Upper
 228 100
 226 30.1 24.2 36.2
 229 20.2 16.2 24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.96 ng

RT: 16.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: BF077337.D

Acq: 18 Feb 2015 2:40

Instrument :

BNA_F

ClientSampleId :

PB81761BS

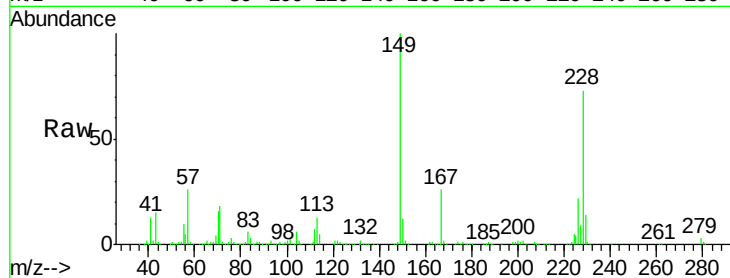
Tgt Ion:149 Resp: 407102

Ion Ratio Lower Upper

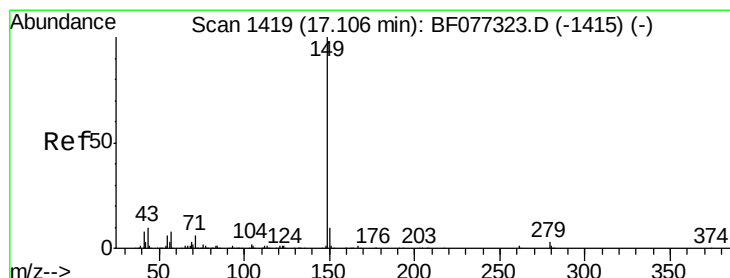
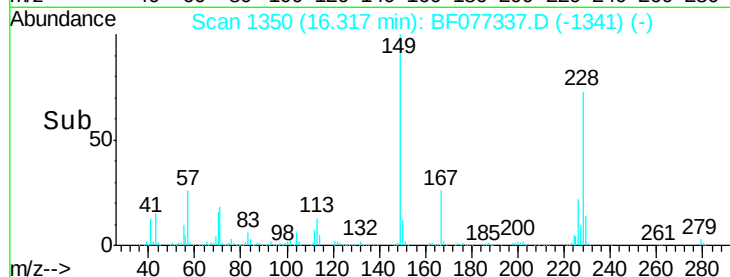
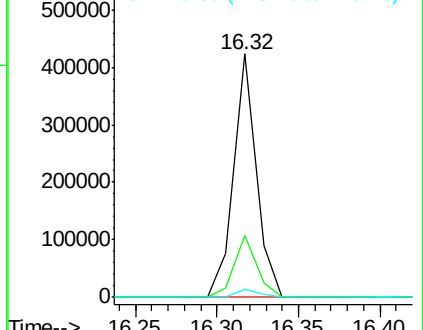
149 100

167 25.7 21.0 31.6

279 3.1 2.7 4.1



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: 42.72 ng

RT: 17.11 min Scan# 1419

Delta R.T. 0.00 min

Lab File: BF077337.D

Acq: 18 Feb 2015 2:40

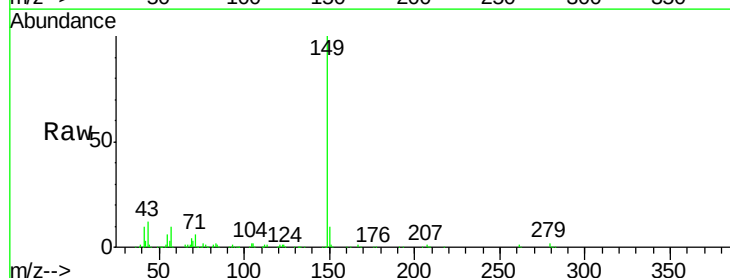
Tgt Ion:149 Resp: 684220

Ion Ratio Lower Upper

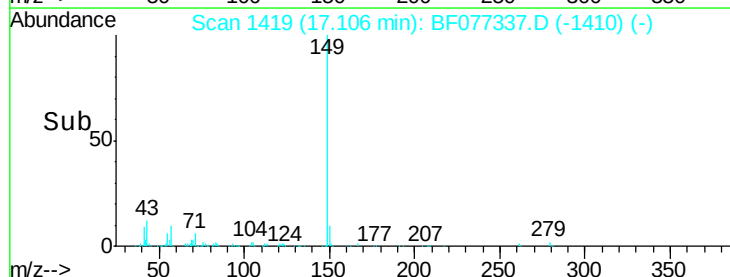
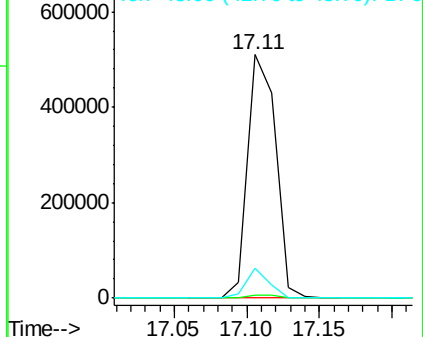
149 100

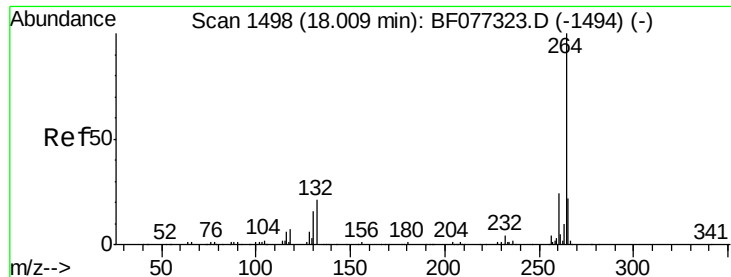
167 1.5 1.1 1.7

43 9.9 8.7 13.1



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

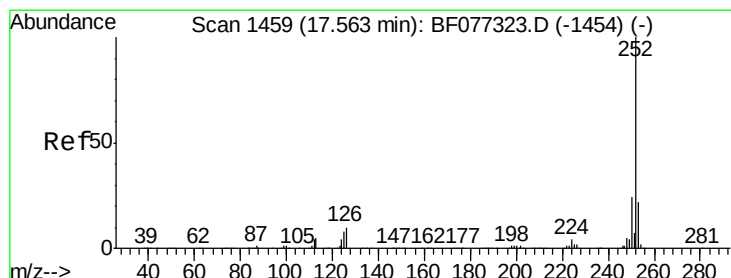
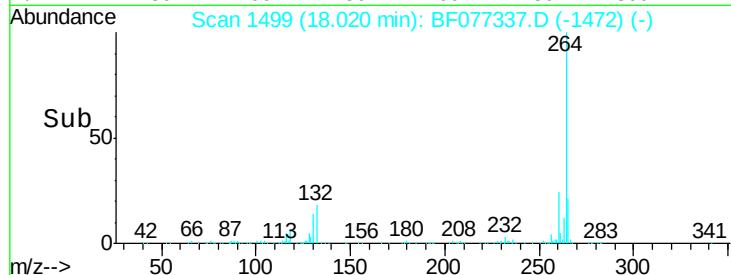
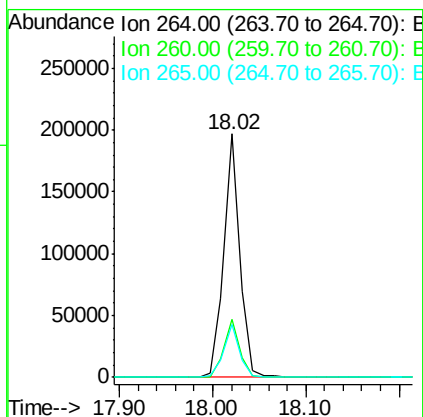
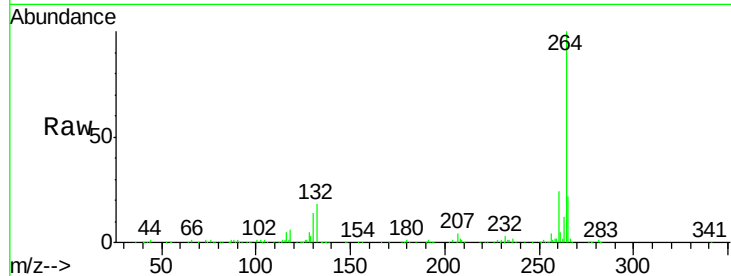




#86
Perylene-d12
Concen: 20.00 ng
RT: 18.02 min Scan# 1499
Delta R.T. 0.01 min
Lab File: BF077337.D
Acq: 18 Feb 2015 2:40

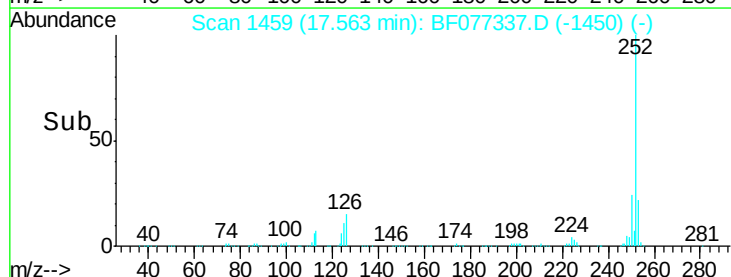
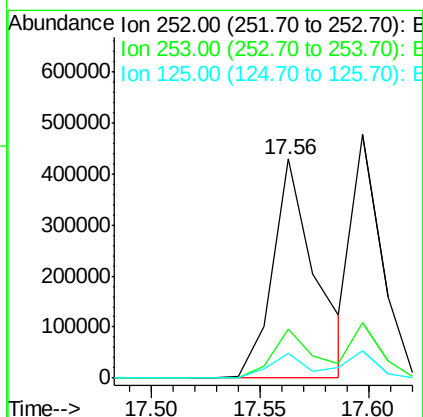
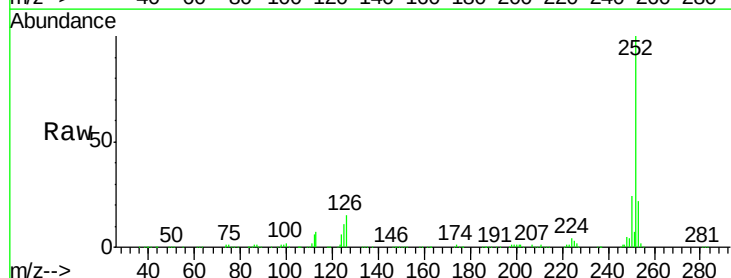
Instrument :
BNA_F
ClientSampled :
PB81761BS

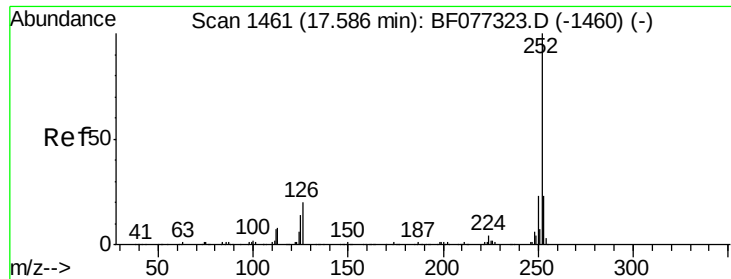
Tgt Ion:264 Resp: 235823
Ion Ratio Lower Upper
264 100
260 23.7 18.9 28.3
265 21.6 17.7 26.5



#87
Benzo(b)fluoranthene
Concen: 39.04 ng
RT: 17.56 min Scan# 1459
Delta R.T. 0.00 min
Lab File: BF077337.D
Acq: 18 Feb 2015 2:40

Tgt Ion:252 Resp: 591839
Ion Ratio Lower Upper
252 100
253 22.3 17.3 25.9
125 11.4 6.1 9.1#

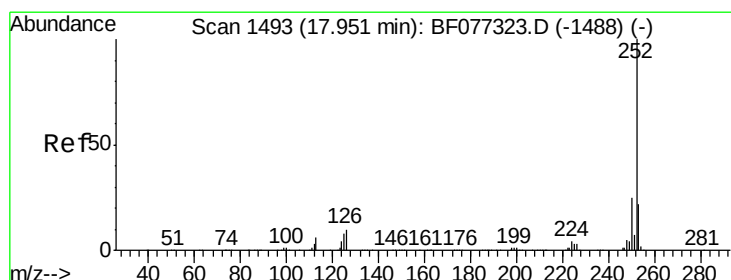
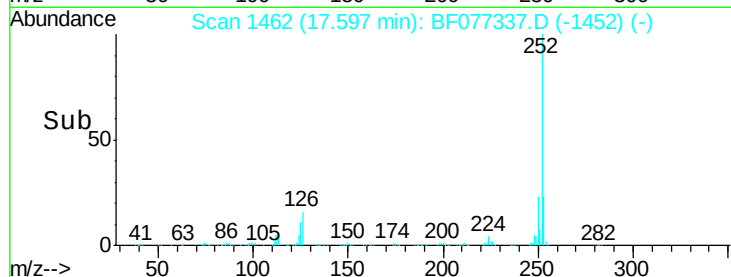
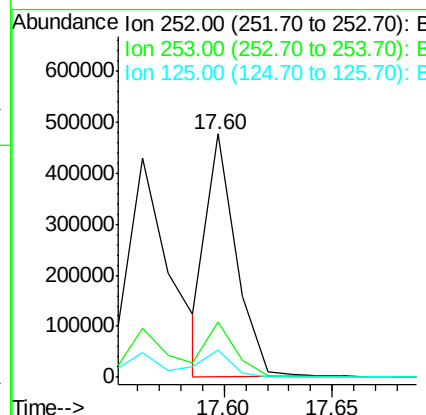
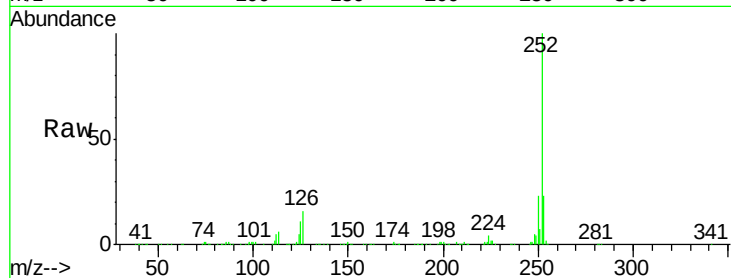




#88
Benzo(k)fluoranthene
Concen: 35.49 ng
RT: 17.60 min Scan# 1462
Delta R.T. 0.01 min
Lab File: BF077337.D
Acq: 18 Feb 2015 2:40

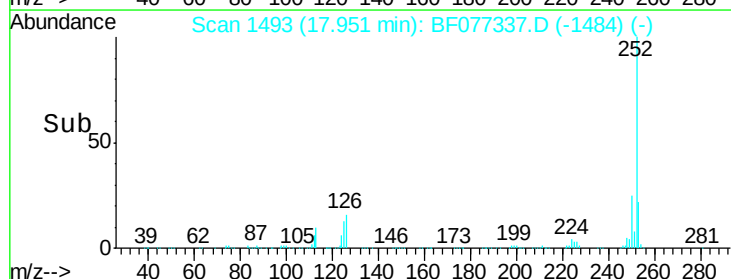
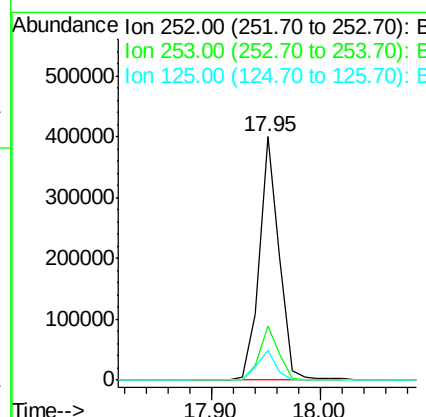
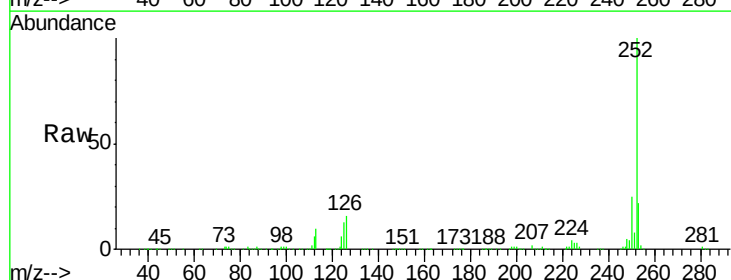
Instrument :
BNA_F
ClientSampleId :
PB81761BS

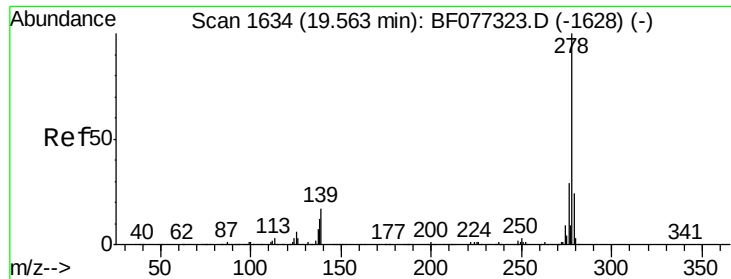
Tgt Ion: 252 Resp: 444453
Ion Ratio Lower Upper
252 100
253 22.6 18.0 27.0
125 11.2 11.0 16.4



#89
Benzo(a)pyrene
Concen: 38.90 ng
RT: 17.95 min Scan# 1493
Delta R.T. 0.00 min
Lab File: BF077337.D
Acq: 18 Feb 2015 2:40

Tgt Ion: 252 Resp: 513280
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 12.5 6.2 9.2#





#90

Dibenzo(a,h)anthracene

Concen: 39.70 ng

RT: 19.57 min Scan# 1635

Delta R.T. 0.01 min

Lab File: BF077337.D

Acq: 18 Feb 2015 2:40

Instrument :

BNA_F

ClientSampleId :

PB81761BS

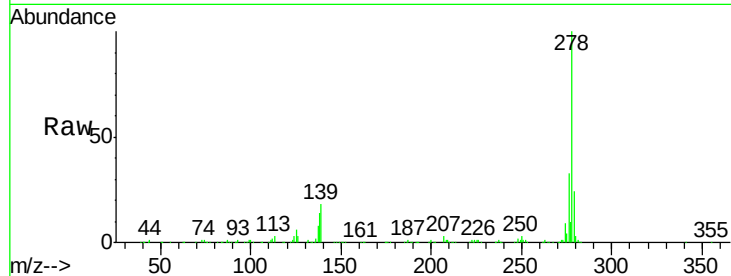
Tgt Ion: 278 Resp: 533034

Ion Ratio Lower Upper

278 100

139 17.8 13.4 20.2

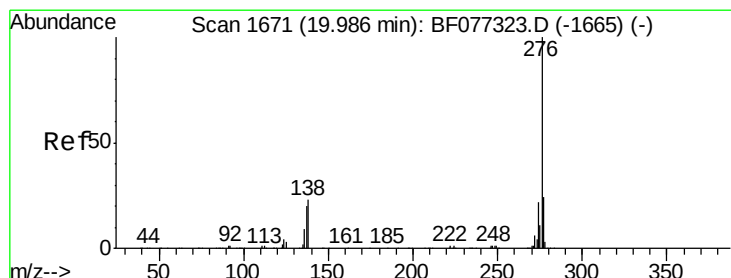
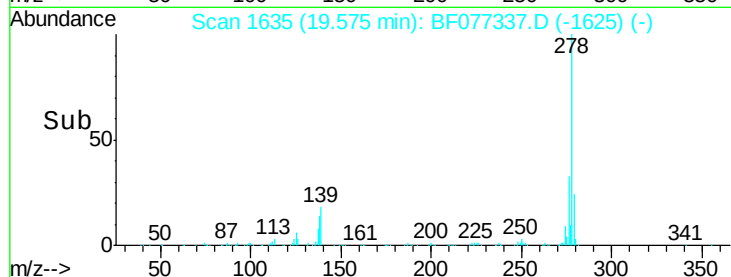
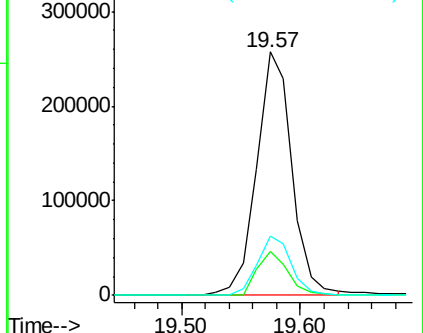
279 24.4 19.1 28.7



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: 39.98 ng

RT: 20.00 min Scan# 1672

Delta R.T. 0.01 min

Lab File: BF077337.D

Acq: 18 Feb 2015 2:40

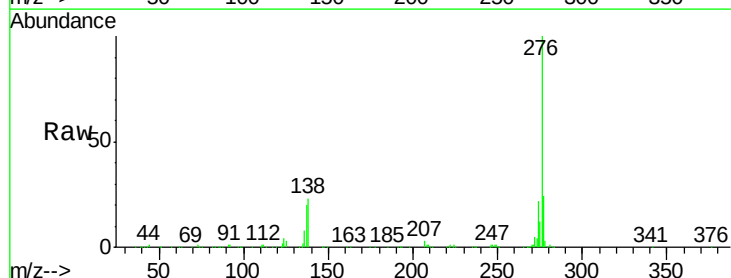
Tgt Ion: 276 Resp: 533834

Ion Ratio Lower Upper

276 100

277 23.9 19.0 28.6

138 22.5 18.7 28.1



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

