

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021815\
 Data File : BF077367.D
 Acq On : 18 Feb 2015 22:24
 Operator : TP/IZ
 Sample : PB81756BS
 Misc : W
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81756BS

Quant Time: Feb 19 03:32:03 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 09:51:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	56314	20.00	ng	-0.02
21) Naphthalene-d8	8.93	136	230197	20.00	ng	-0.02
38) Acenaphthene-d10	11.12	164	110675	20.00	ng	-0.02
63) Phenanthrene-d10	12.96	188	223860	20.00	ng	-0.02
75) Chrysene-d12	16.26	240	213788	20.00	ng	-0.01
86) Perylene-d12	18.00	264	227644	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.65	112	389574	118.22	ng	-0.01
7) Phenol-d6	6.90	99	470445	109.29	ng	-0.02
23) Nitrobenzene-d5	8.04	82	261138	78.56	ng	-0.02
41) 2,4,6-Tribromophenol	12.09	330	142735	138.37	ng	-0.02
44) 2-Fluorobiphenyl	10.28	172	654332	89.13	ng	-0.02
78) Terphenyl-d14	14.96	244	727105	77.32	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.34	88	42310	29.29	ng	# 93
3) Pyridine	3.09	79	116249	30.49	ng	93
4) n-Nitrosodimethylamine	3.01	42	58509	32.07	ng	86
6) Aniline	6.94	93	76009	12.51	ng	99
8) 2-Chlorophenol	7.08	128	145373	37.64	ng	97
9) Benzaldehyde	6.81	77	5926	2.33	ng	97
10) Phenol	6.92	94	174942	34.98	ng	90
11) bis(2-Chloroethyl)ether	7.04	93	125554	33.48	ng	96
12) 1,3-Dichlorobenzene	7.28	146	150112	34.45	ng	99
13) 1,4-Dichlorobenzene	7.38	146	158569	35.30	ng	99
14) 1,2-Dichlorobenzene	7.56	146	150701	34.79	ng	99
15) Benzyl Alcohol	7.53	79	115376	35.38	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.71	45	186815	33.09	ng	99
17) 2-Methylphenol	7.68	107	114338	37.14	ng	# 93
18) Hexachloroethane	7.98	117	51340	35.07	ng	97
19) n-Nitroso-di-n-propylamine	7.87	70	101879	34.06	ng	96
20) 3+4-Methylphenols	7.86	107	147711	36.86	ng	96
22) Acetophenone	7.86	105	191649	35.38	ng	99
24) Nitrobenzene	8.06	77	134860	37.64	ng	97
25) Isophorone	8.36	82	263041	35.11	ng	99
26) 2-Nitrophenol	8.46	139	56871	52.11	ng	97
27) 2,4-Dimethylphenol	8.52	122	132878	38.94	ng	94
28) bis(2-Chloroethoxy)methane	8.65	93	175739	36.45	ng	99
29) 2,4-Dichlorophenol	8.75	162	119126	40.62	ng	97
30) 1,2,4-Trichlorobenzene	8.86	180	131295	35.25	ng	99
31) Naphthalene	8.96	128	415521	36.08	ng	100
32) Benzoic acid	8.61	122	59126	65.01	ng	94
33) 4-Chloroaniline	9.02	127	46397	9.43	ng	97
34) Hexachlorobutadiene	9.12	225	66334	32.58	ng	99
35) Caprolactam	9.45	113	37602	41.66	ng	99
36) 4-Chloro-3-methylphenol	9.63	107	130479	40.43	ng	# 83
37) 2-Methylnaphthalene	9.82	142	300603	36.28	ng	99
39) 1,2,4,5-Tetrachlorobenzene	10.03	216	125388	39.23	ng	99
40) Hexachlorocyclopentadiene	10.01	237	108464	68.27	ng	99

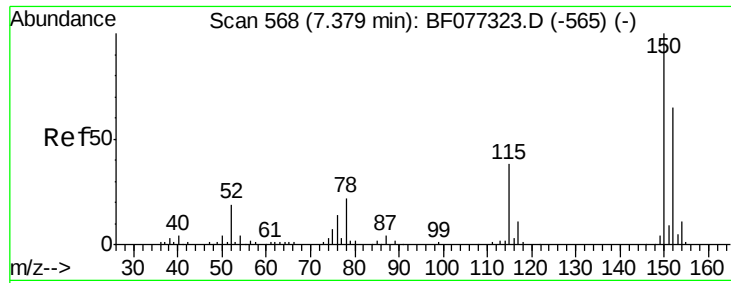
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.17	196	86147	48.12	ng	99
43) 2,4,5-Trichlorophenol	10.21	196	92132	48.13	ng	# 87
45) 1,1'-Biphenyl	10.41	154	355666	40.30	ng	94
46) 2-Chloronaphthalene	10.42	162	276289	42.15	ng	99
47) 2-Nitroaniline	10.54	65	69835	49.95	ng	100
48) Acenaphthylene	10.93	152	463914	42.92	ng	99
49) Dimethylphthalate	10.78	163	339131	44.53	ng	99
50) 2,6-Dinitrotoluene	10.85	165	65012	46.28	ng	93
51) Acenaphthene	11.15	154	290110	45.22	ng	98
52) 3-Nitroaniline	11.06	138	34564	20.99	ng	86
53) 2,4-Dinitrophenol	11.20	184	28873	131.74	ng	# 61
54) Dibenzofuran	11.37	168	408752	42.01	ng	98
55) 4-Nitrophenol	11.26	139	129645	113.29	ng	87
56) 2,4-Dinitrotoluene	11.36	165	92083	51.95	ng	98
57) Fluorene	11.79	166	323670	42.39	ng	100
58) 2,3,4,6-Tetrachlorophenol	11.52	232	71082	45.62	ng	94
59) Diethylphthalate	11.66	149	352463	44.45	ng	99
60) 4-Chlorophenyl-phenylether	11.80	204	152480	41.05	ng	99
61) 4-Nitroaniline	11.81	138	68604	42.46	ng	93
62) Azobenzene	12.00	77	318429	40.54	ng	98
64) 4,6-Dinitro-2-methylphenol	11.85	198	22205	53.71	ng	98
65) n-Nitrosodiphenylamine	11.95	169	286789	39.28	ng	100
66) 4-Bromophenyl-phenylether	12.41	248	93961	37.65	ng	98
67) Hexachlorobenzene	12.47	284	107215	37.87	ng	99
68) Atrazine	12.61	200	85862	39.34	ng	98
69) Pentachlorophenol	12.72	266	109438	108.57	ng	97
70) Phenanthrene	12.99	178	499106	38.37	ng	100
71) Anthracene	13.05	178	478854	37.02	ng	100
72) Carbazole	13.25	167	471301	41.44	ng	99
73) Di-n-butylphthalate	13.70	149	591642	42.26	ng	99
74) Fluoranthene	14.47	202	525402	40.00	ng	100
76) Benzidine	14.64	184	164548	25.06	ng	98
77) Pyrene	14.75	202	545759	41.29	ng	100
79) Butylbenzylphthalate	15.57	149	260388	49.34	ng	95
80) Benzo(a)anthracene	16.24	228	503546	40.44	ng	99
81) 3,3'-Dichlorobenzidine	16.21	252	94551	22.99	ng	99
82) Chrysene	16.28	228	449110	38.15	ng	100
83) Bis(2-ethylhexyl)phthalate	16.29	149	415736	47.22	ng	100
84) Di-n-octyl phthalate	17.08	149	725249	50.81	ng	# 97
85) Indeno(1,2,3-cd)pyrene	19.51	276	639958	47.60	ng	98
87) Benzo(b)fluoranthene	17.54	252	629748	43.03	ng	# 96
88) Benzo(k)fluoranthene	17.54	252	629687	52.09	ng	97
89) Benzo(a)pyrene	17.93	252	508928	39.96	ng	# 97
90) Dibenzo(a,h)anthracene	19.54	278	530248	40.91	ng	99
91) Benzo(g,h,i)perylene	19.95	276	537057	41.67	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.36 min Scan# 566

Delta R.T. -0.02 min

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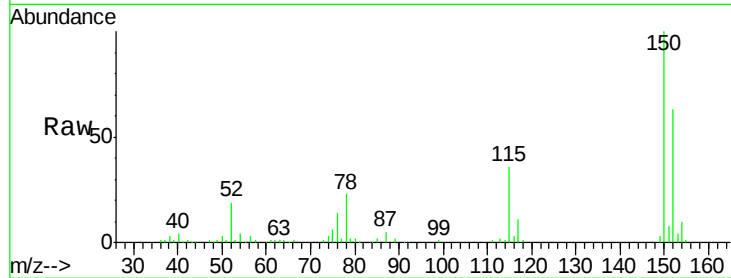
Tgt Ion:152 Resp: 56314

Ion Ratio Lower Upper

152 100

150 158.9 123.1 184.7

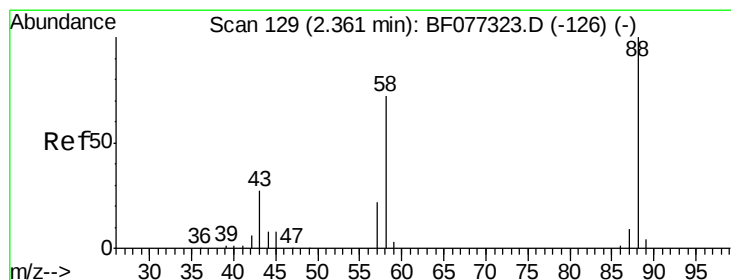
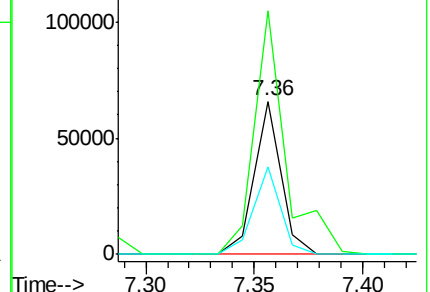
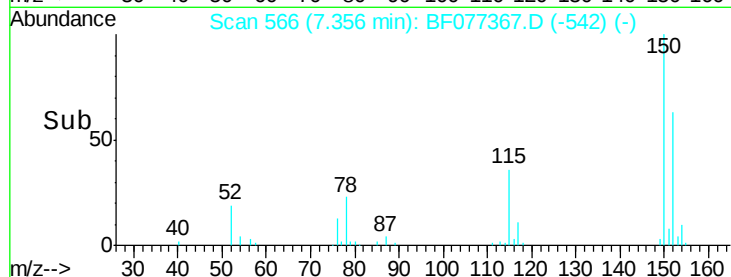
115 57.3 46.2 69.4



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: 29.29 ng

RT: 2.34 min Scan# 127

Delta R.T. -0.02 min

Lab File: BF077367.D

Acq: 18 Feb 2015 22:24

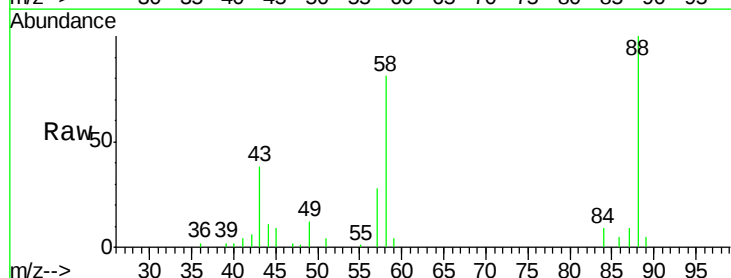
Tgt Ion: 88 Resp: 42310

Ion Ratio Lower Upper

88 100

58 77.1 57.8 86.6

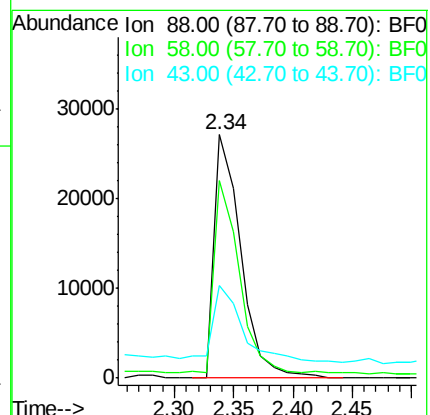
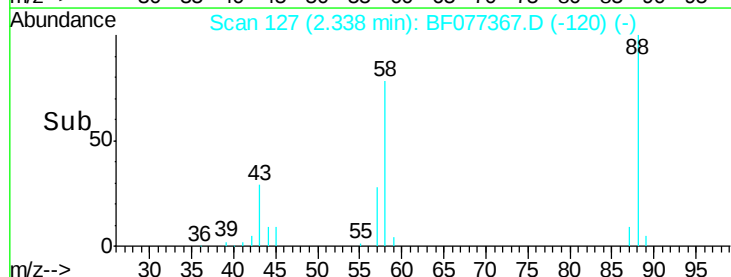
43 35.0 23.2 34.8#

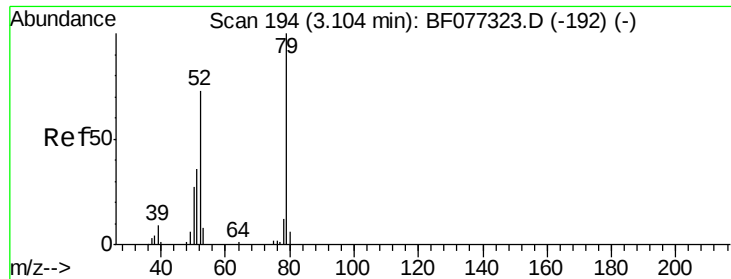


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 30.49 ng

RT: 3.09 min Scan# 193

Delta R.T. -0.01 min

Lab File: BF077367.D

Acq: 18 Feb 2015 22:24

Instrument :

BNA_F

ClientSampleId :

PB81756BS

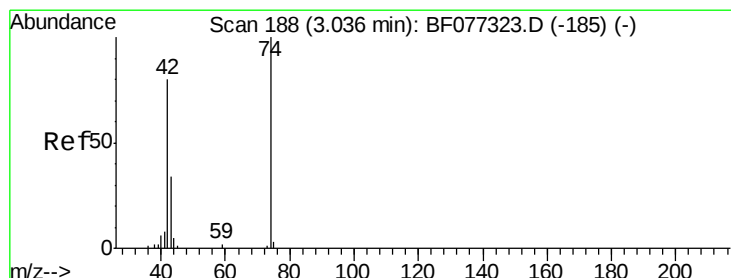
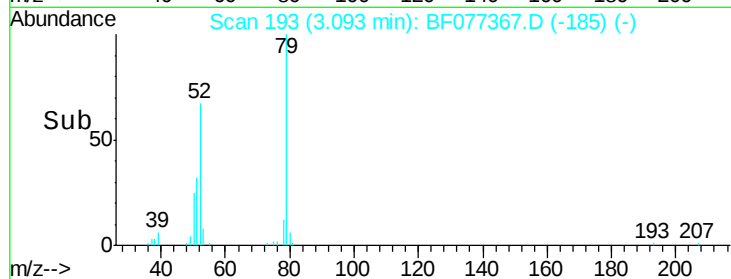
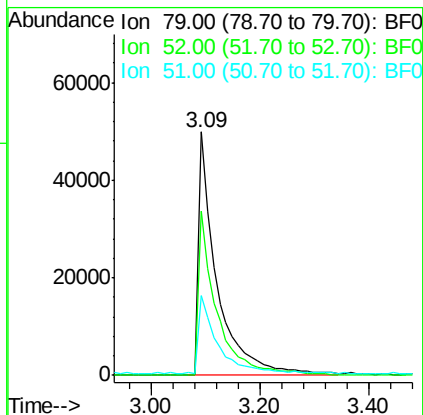
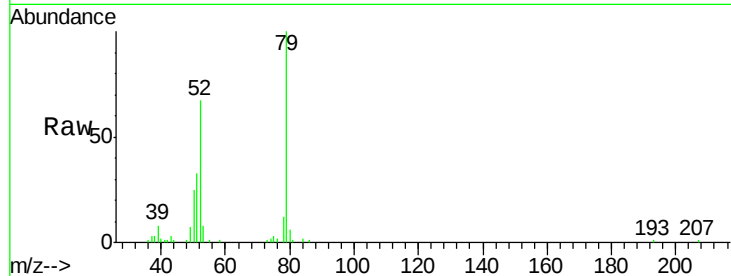
Tgt Ion: 79 Resp: 116249

Ion Ratio Lower Upper

79 100

52 67.3 58.4 87.6

51 32.6 29.0 43.4



#4

n-Nitrosodimethylamine

Concen: 32.07 ng

RT: 3.01 min Scan# 186

Delta R.T. -0.02 min

Lab File: BF077367.D

Acq: 18 Feb 2015 22:24

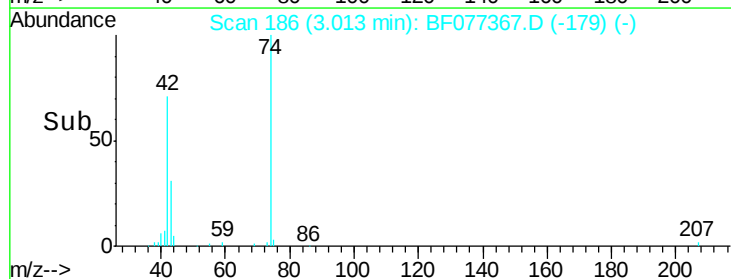
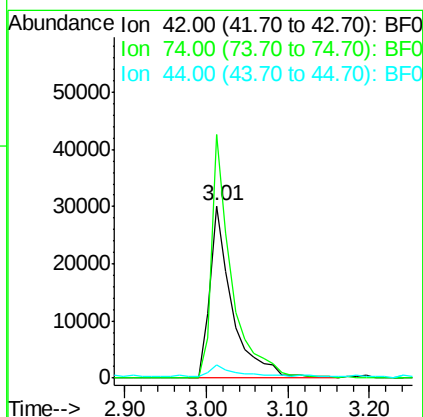
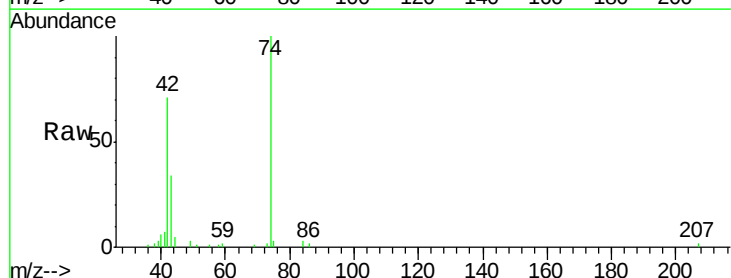
Tgt Ion: 42 Resp: 58509

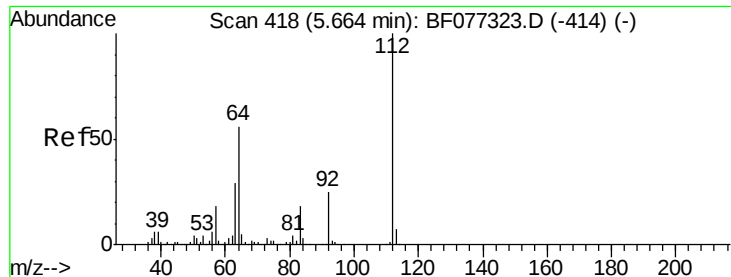
Ion Ratio Lower Upper

42 100

74 141.4 100.0 150.0

44 7.7 6.1 9.1





#5

2-Fluorophenol

Concen: 118.22 ng

RT: 5.65 min Scan# 417

Delta R.T. -0.01 min

Lab File: BF077367.D

Acq: 18 Feb 2015 22:24

Instrument :

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ClientSampleId :

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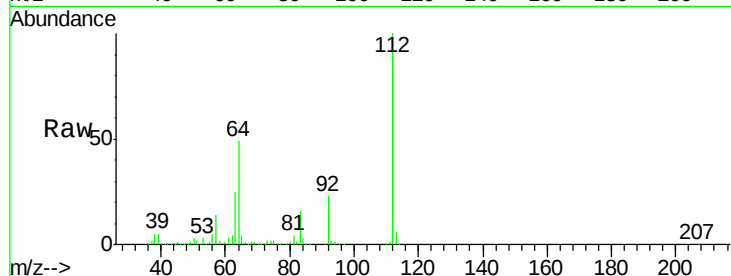
Tgt Ion: 112 Resp: 389574

Ion Ratio Lower Upper

112 100

64 48.5 44.7 67.1

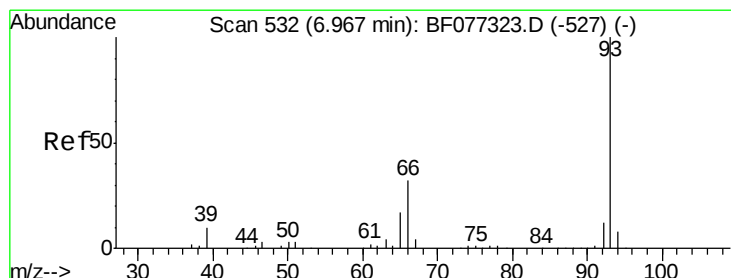
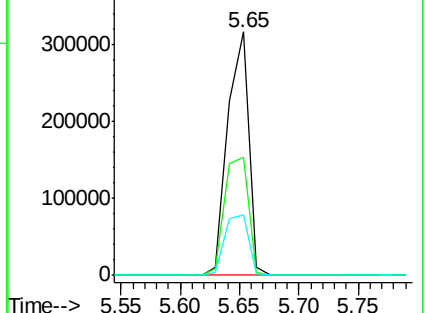
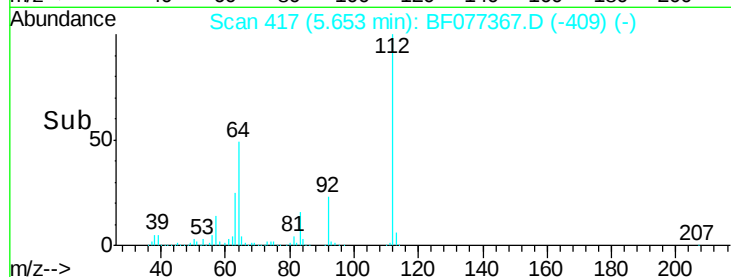
63 25.0 23.3 34.9



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 12.51 ng

RT: 6.94 min Scan# 530

Delta R.T. -0.02 min

Lab File: BF077367.D

Acq: 18 Feb 2015 22:24

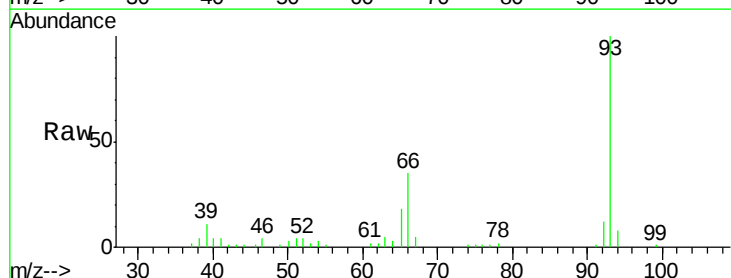
Tgt Ion: 93 Resp: 76009

Ion Ratio Lower Upper

93 100

66 34.6 28.3 42.5

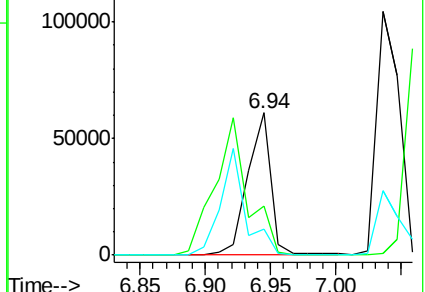
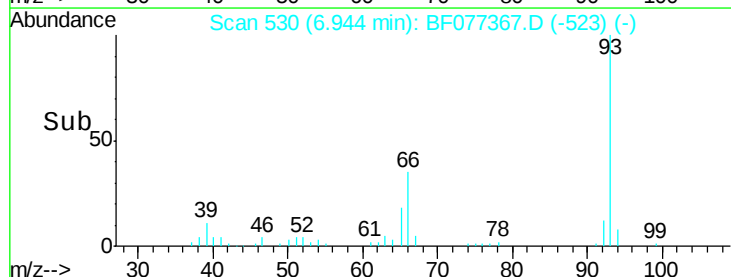
65 18.1 14.1 21.1

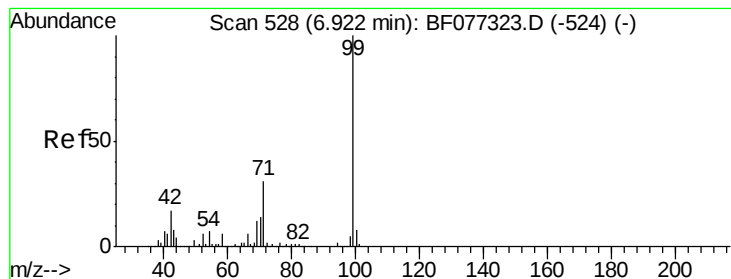


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 109.29 ng

RT: 6.90 min Scan# 526

Delta R.T. -0.02 min

Lab File: BF077367.D

Acq: 18 Feb 2015 22:24

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ClientSampled :

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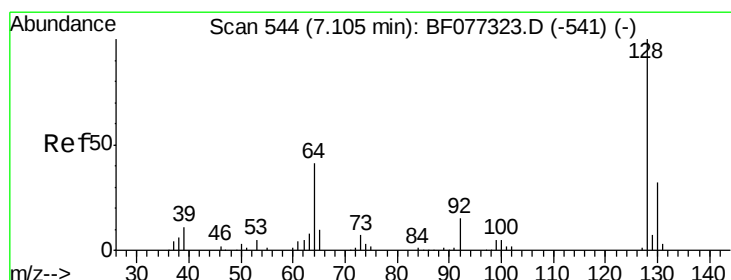
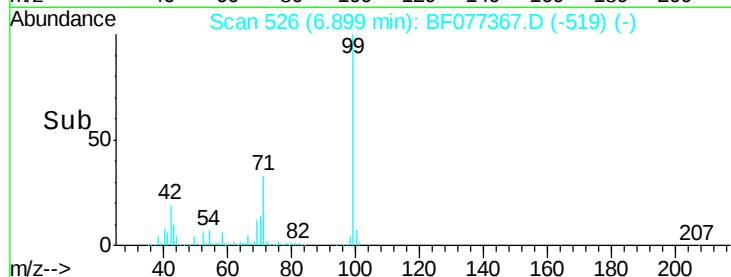
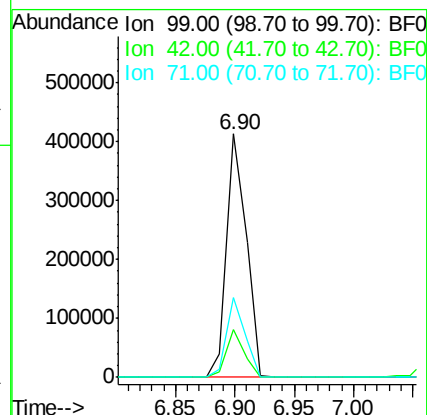
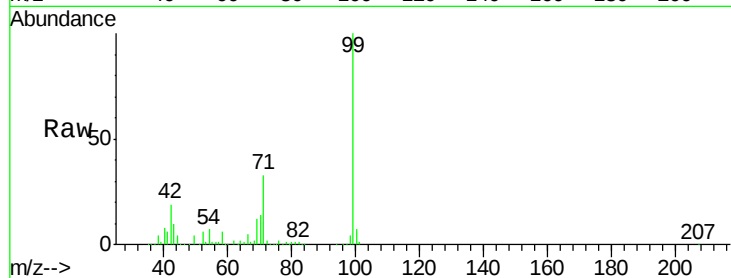
Tgt Ion: 99 Resp: 470445

Ion Ratio Lower Upper

99 100

42 19.4 13.8 20.6

71 33.0 24.6 37.0



#8

2-Chlorophenol

Concen: 37.64 ng

RT: 7.08 min Scan# 542

Delta R.T. -0.02 min

Lab File: BF077367.D

Acq: 18 Feb 2015 22:24

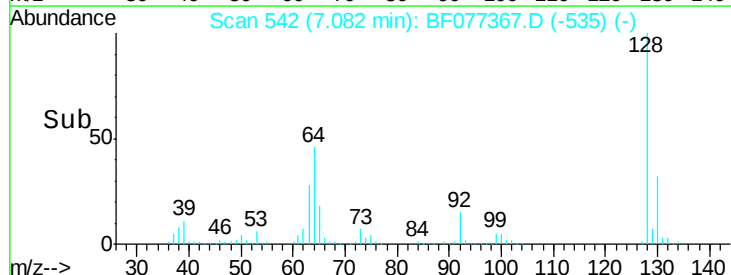
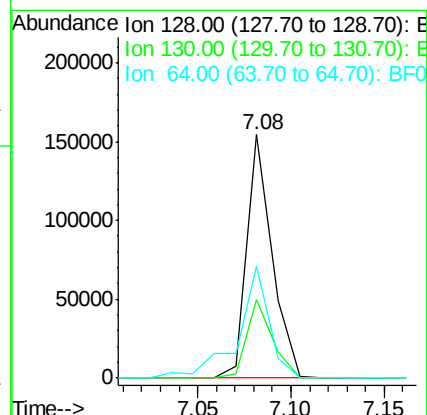
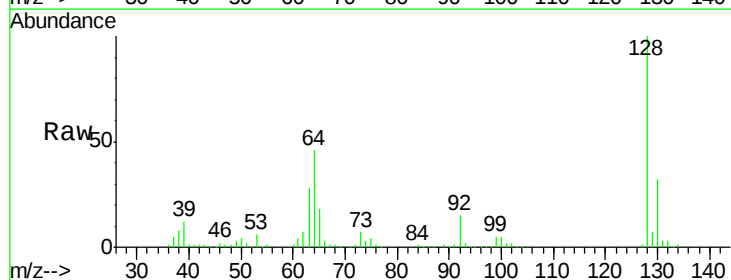
Tgt Ion: 128 Resp: 145373

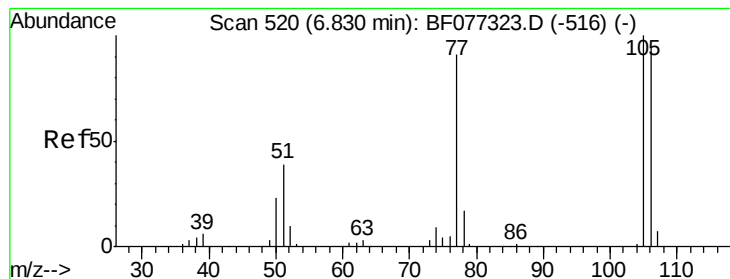
Ion Ratio Lower Upper

128 100

130 32.1 12.4 52.4

64 45.9 23.2 63.2





#9

Benzaldehyde

Concen: 2.33 ng

RT: 6.81 min Scan# 518

Delta R.T. -0.02 min

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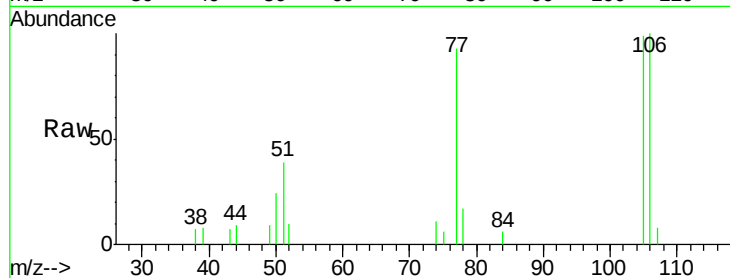
Tgt Ion: 77 Resp: 5926

Ion Ratio Lower Upper

77 100

105 106.4 89.5 129.5

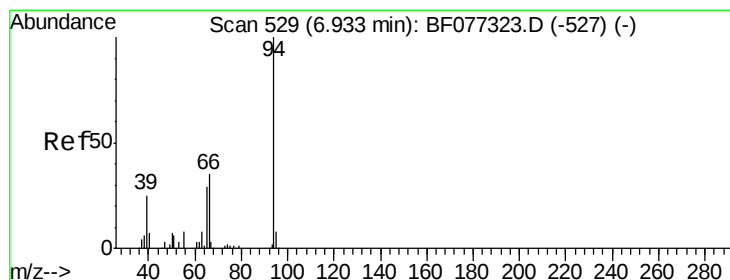
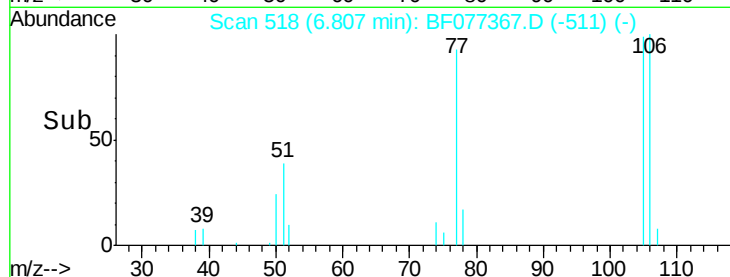
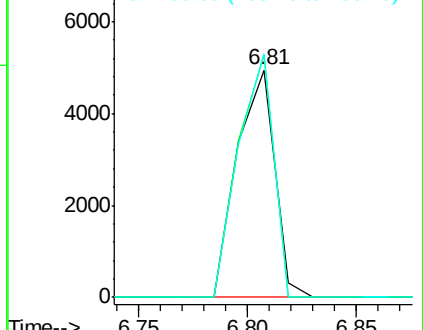
106 107.0 83.2 123.2



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 34.98 ng

RT: 6.92 min Scan# 528

Delta R.T. -0.01 min

Lab File: BF077367.D

Acq: 18 Feb 2015 22:24

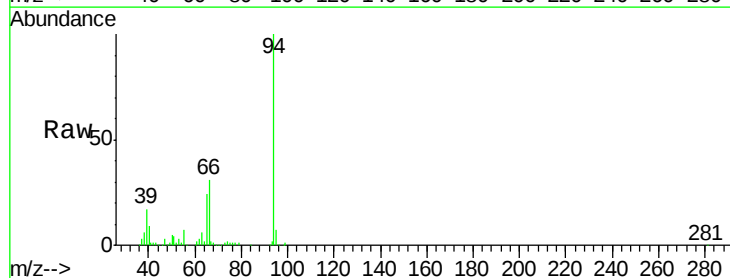
Tgt Ion: 94 Resp: 174942

Ion Ratio Lower Upper

94 100

65 24.3 9.3 49.3

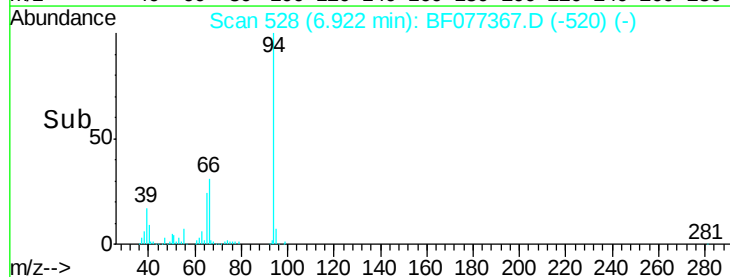
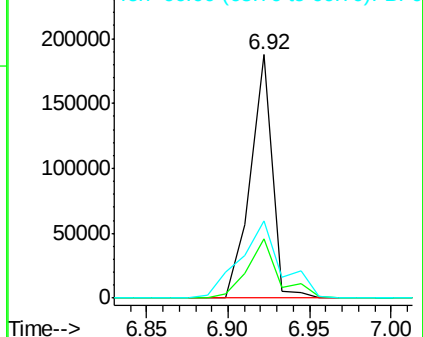
66 31.5 18.3 58.3

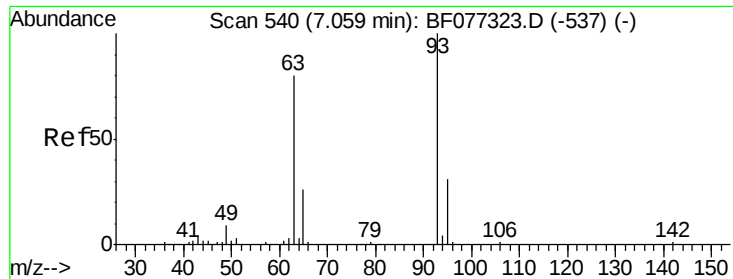


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 33.48 ng

RT: 7.04 min Scan# 538

Delta R.T. -0.02 min

Lab File: BF077367.D

Acq: 18 Feb 2015 22:24

Instrument :

BNA_F

ClientSampleId :

PB81756BS

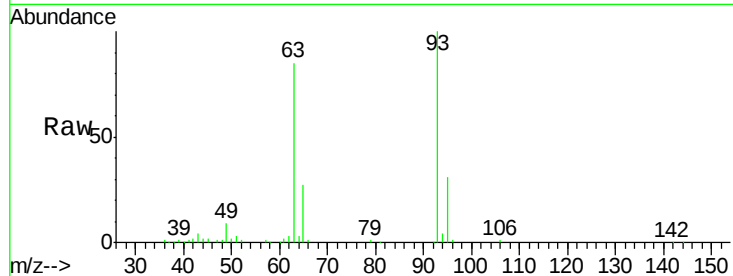
Tgt Ion: 93 Resp: 125554

Ion Ratio Lower Upper

93 100

63 85.2 60.0 100.0

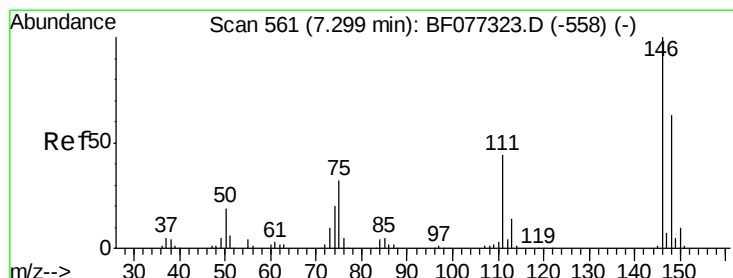
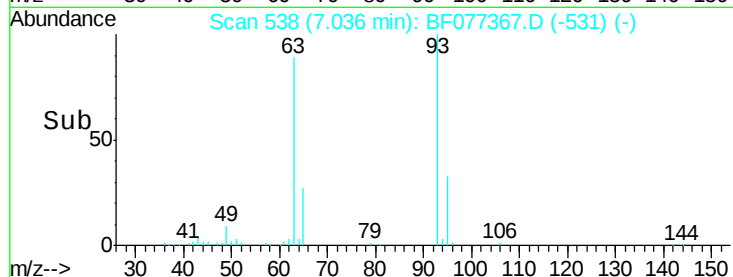
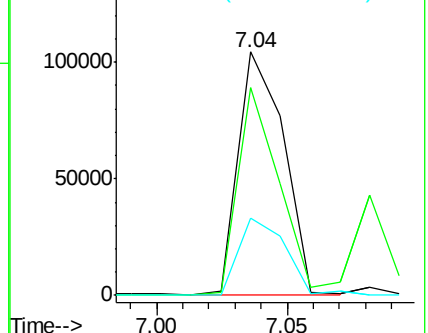
95 31.5 11.4 51.4



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 34.45 ng

RT: 7.28 min Scan# 559

Delta R.T. -0.02 min

Lab File: BF077367.D

Acq: 18 Feb 2015 22:24

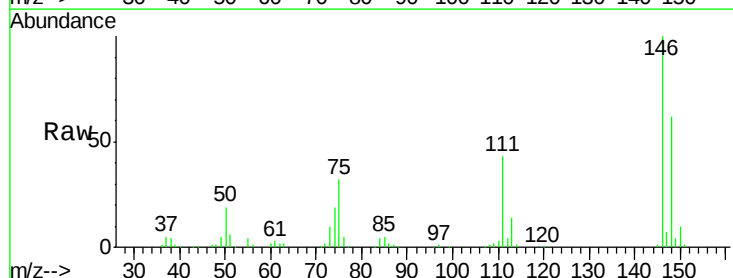
Tgt Ion: 146 Resp: 150112

Ion Ratio Lower Upper

146 100

148 62.1 50.2 75.4

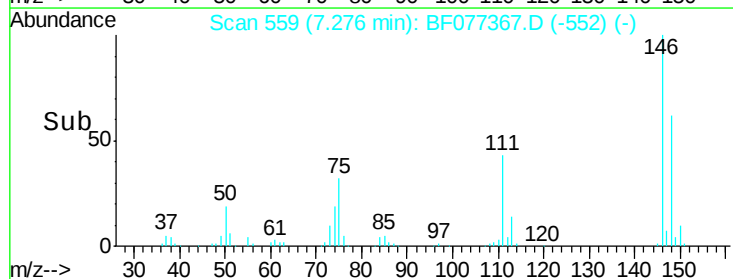
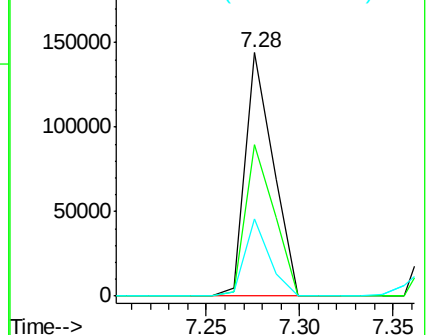
75 31.6 25.9 38.9

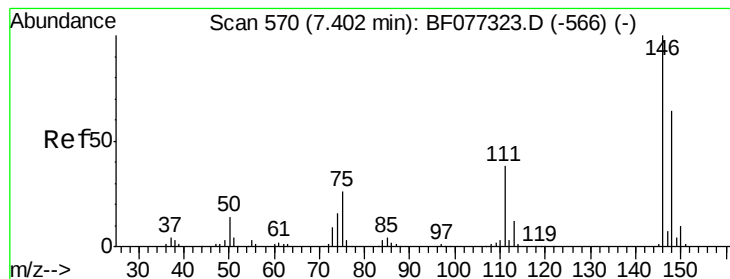


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 35.30 ng

RT: 7.38 min Scan# 568

Delta R.T. -0.02 min

Lab File: BF077367.D

Acq: 18 Feb 2015 22:24

Instrument :

BNA_F

ClientSampleId :

PB81756BS

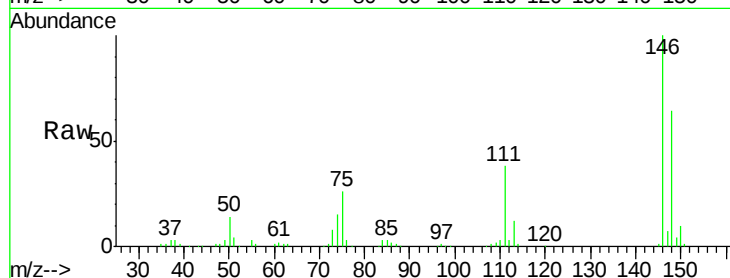
Tgt Ion:146 Resp: 158569

Ion Ratio Lower Upper

146 100

148 64.3 51.6 77.4

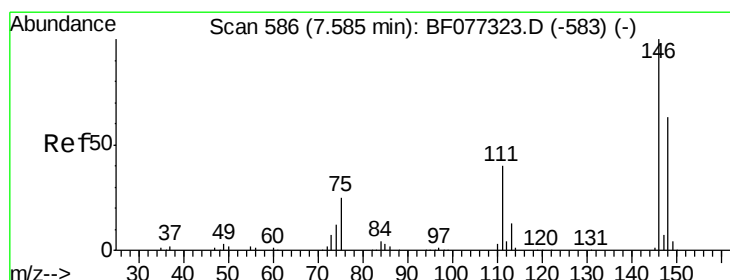
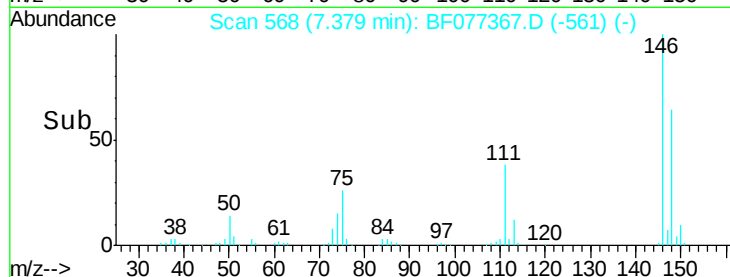
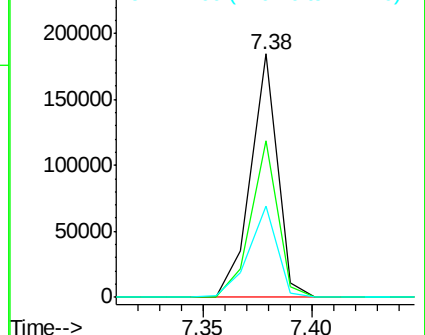
111 37.5 30.7 46.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 34.79 ng

RT: 7.56 min Scan# 584

Delta R.T. -0.02 min

Lab File: BF077367.D

Acq: 18 Feb 2015 22:24

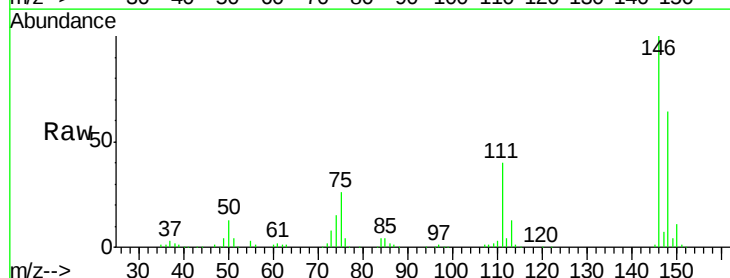
Tgt Ion:146 Resp: 150701

Ion Ratio Lower Upper

146 100

148 64.5 50.3 75.5

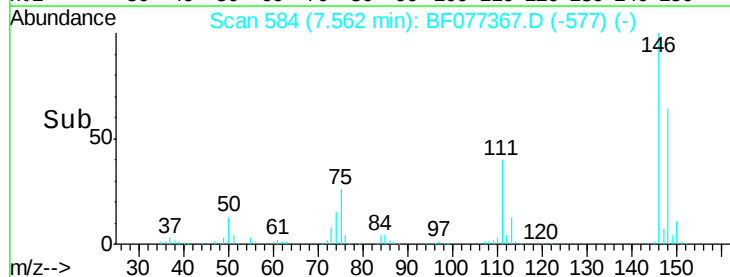
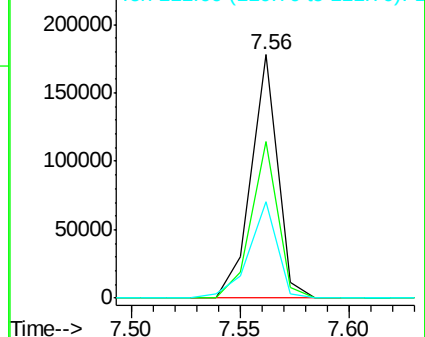
111 39.7 31.8 47.8

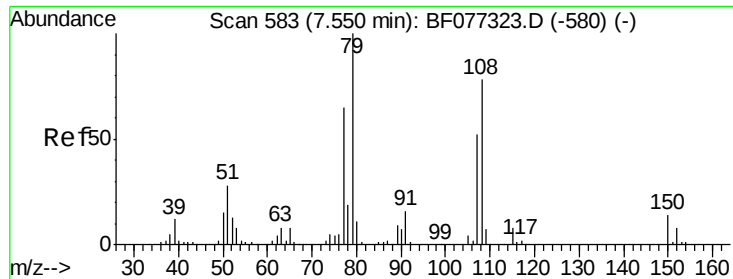


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

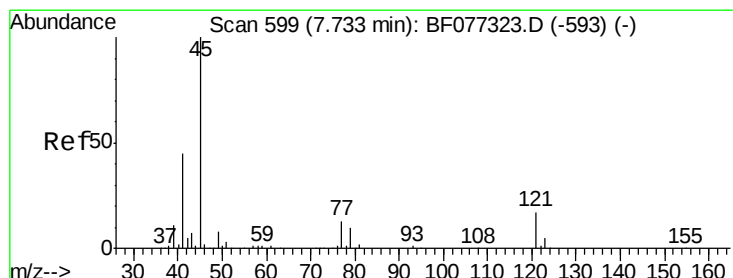
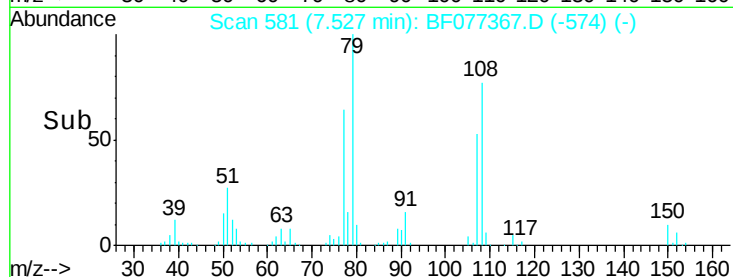
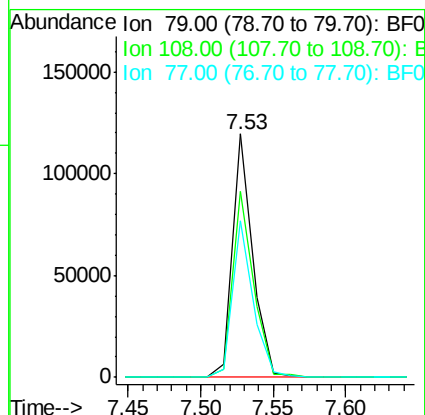
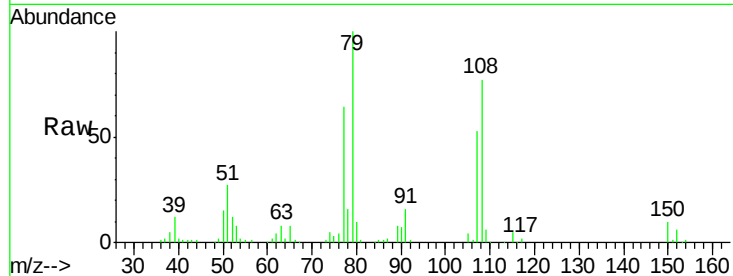




#15
Benzyl Alcohol
Concen: 35.38 ng
RT: 7.53 min Scan# 581
Delta R.T. -0.02 min
Lab File: BF077367.D
Acq: 18 Feb 2015 22:24

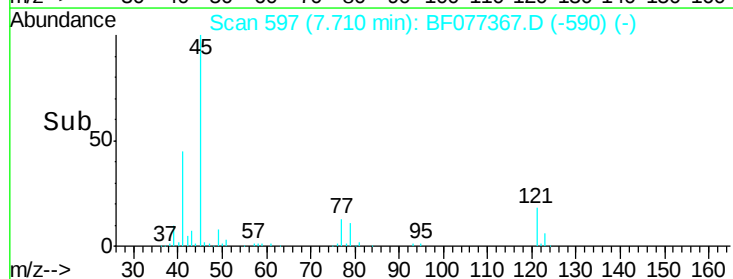
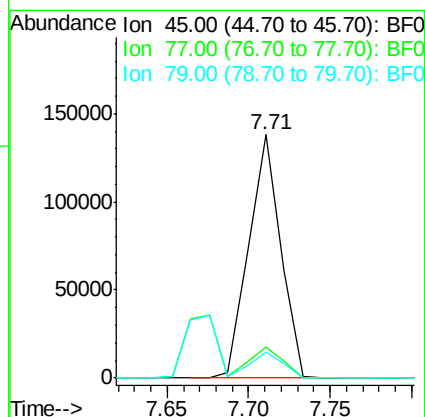
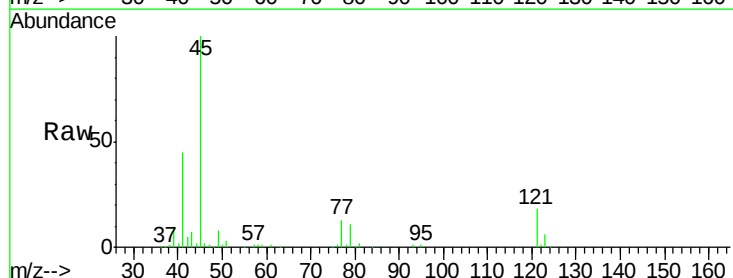
Instrument :
BNA_F
ClientSampleId :
PB81756BS

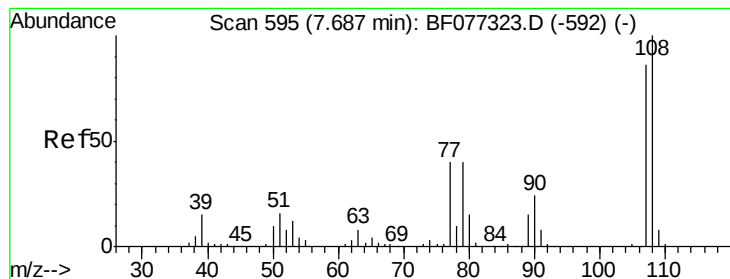
Tgt Ion: 79 Resp: 115376
Ion Ratio Lower Upper
79 100
108 76.7 62.0 93.0
77 64.4 52.0 78.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.09 ng
RT: 7.71 min Scan# 597
Delta R.T. -0.02 min
Lab File: BF077367.D
Acq: 18 Feb 2015 22:24

Tgt Ion: 45 Resp: 186815
Ion Ratio Lower Upper
45 100
77 12.7 0.0 32.7
79 10.6 0.0 30.0





#17

2-Methylphenol

Concen: 37.14 ng

RT: 7.68 min Scan# 594

Delta R.T. -0.01 min

Lab File: BF077367.D

Acq: 18 Feb 2015 22:24

Instrument :

BNA_F

ClientSampleId :

PB81756BS

Tgt Ion:107 Resp: 114338

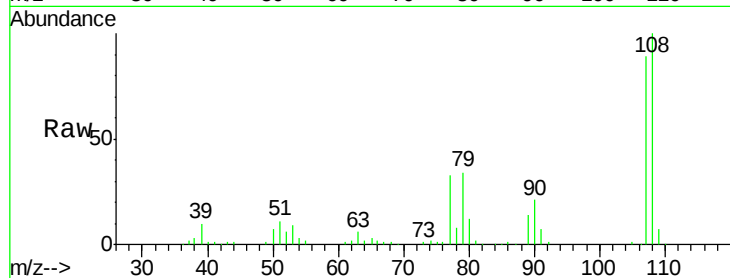
Ion Ratio Lower Upper

107 100

108 113.0 92.6 138.8

77 37.3 37.4 56.0#

79 37.9 36.8 55.2

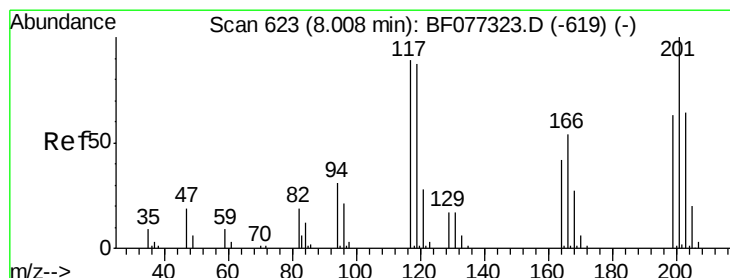
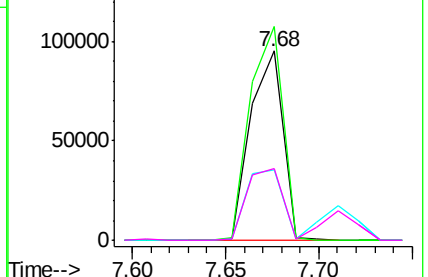
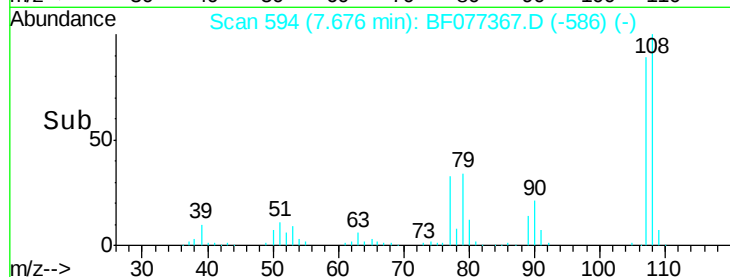


Abundance Ion 107.00 (106.70 to 107.70): E

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: 35.07 ng

RT: 7.98 min Scan# 621

Delta R.T. -0.02 min

Lab File: BF077367.D

Acq: 18 Feb 2015 22:24

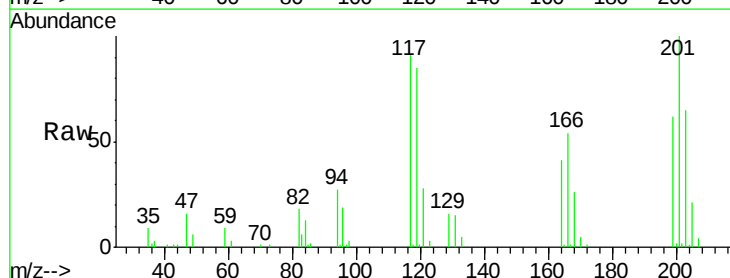
Tgt Ion:117 Resp: 51340

Ion Ratio Lower Upper

117 100

119 94.3 78.4 117.6

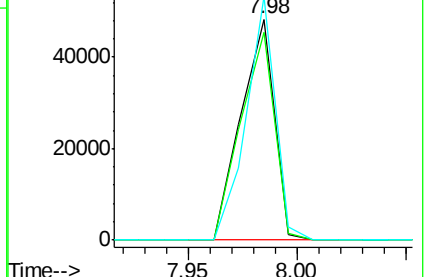
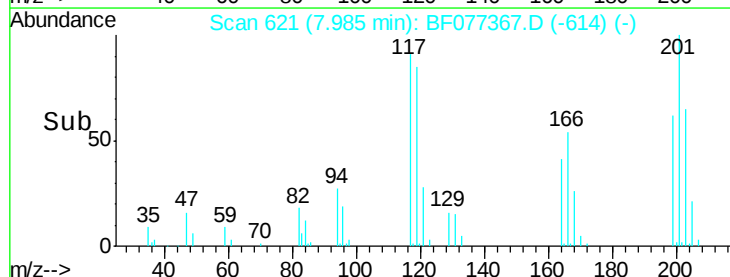
201 110.3 90.1 135.1

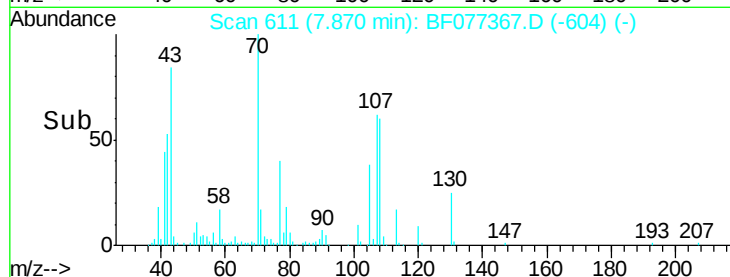
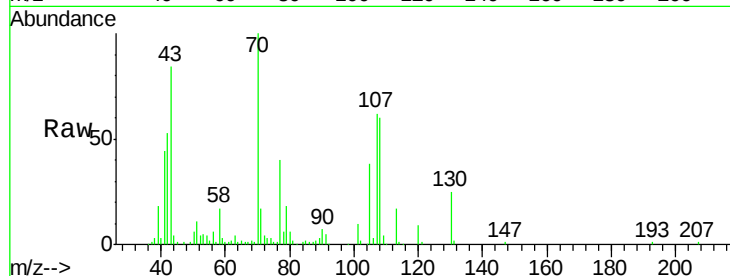
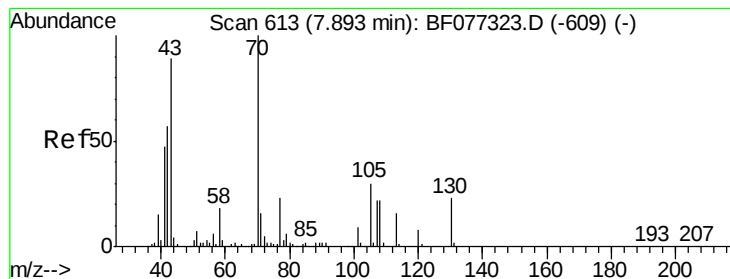


Abundance Ion 117.00 (116.70 to 117.70): E

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: 34.06 ng

RT: 7.87 min Scan# 611

Delta R.T. -0.02 min

Lab File: BF077367.D

Acq: 18 Feb 2015 22:24

Instrument :

BNA_F

ClientSampleId :

PB81756BS

Tgt Ion: 70 Resp: 101879

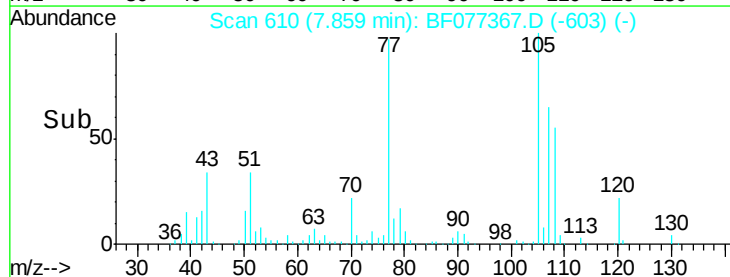
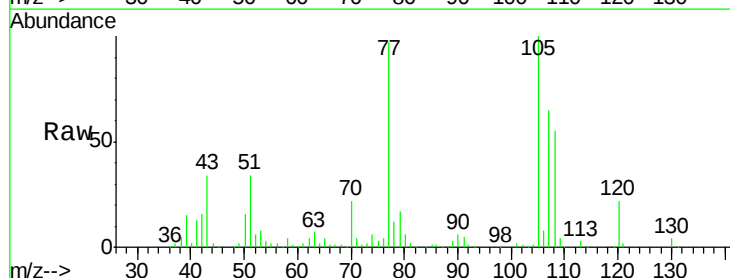
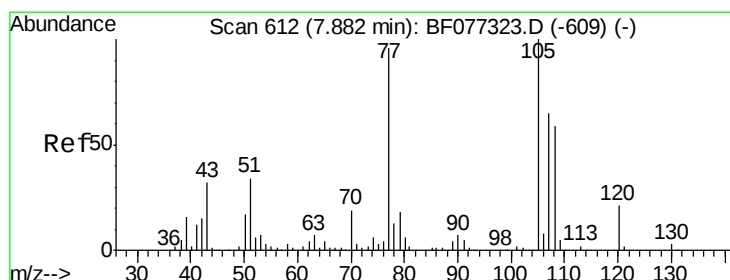
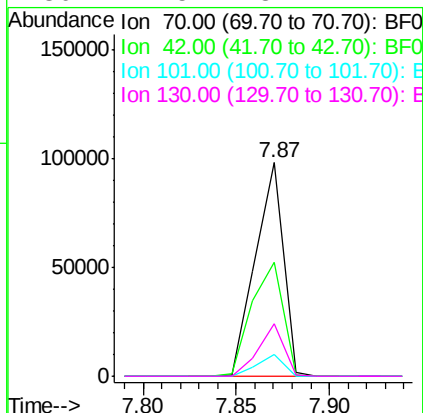
Ion Ratio Lower Upper

70 100

42 53.2 45.5 68.3

101 10.2 7.5 11.3

130 24.5 18.2 27.2



#20

3+4-Methylphenols

Concen: 36.86 ng

RT: 7.86 min Scan# 610

Delta R.T. -0.02 min

Lab File: BF077367.D

Acq: 18 Feb 2015 22:24

Tgt Ion: 107 Resp: 147711

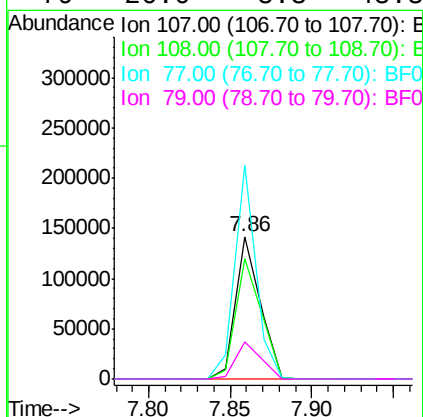
Ion Ratio Lower Upper

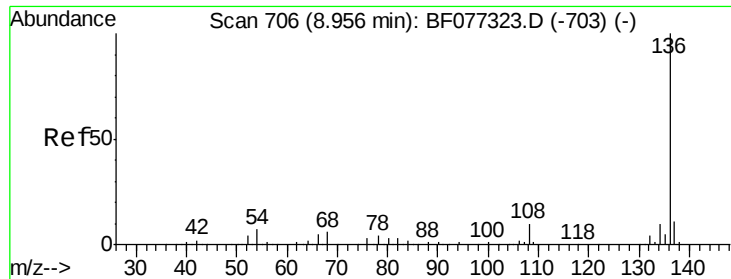
107 100

108 84.9 70.6 110.6

77 150.2 126.5 166.5

79 26.0 8.3 48.3

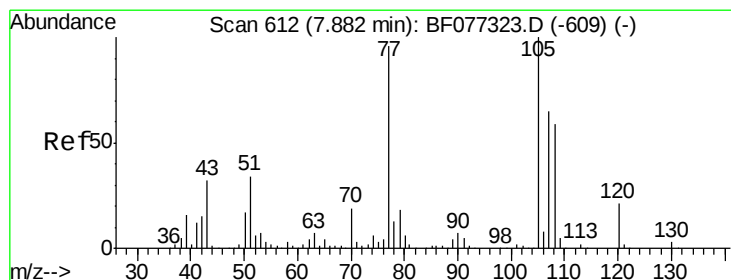
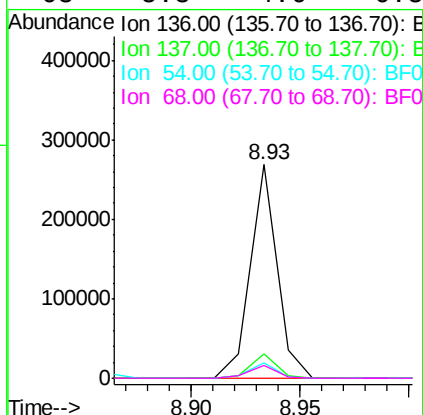
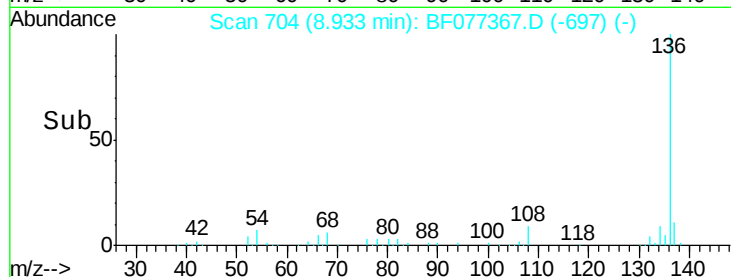
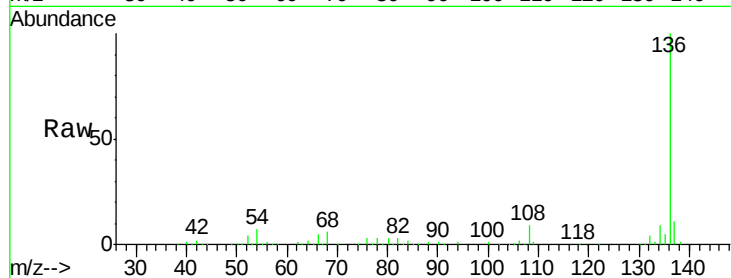




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.93 min Scan# 704
Delta R.T. -0.02 min
Lab File: BF077367.D
Acq: 18 Feb 2015 22:24

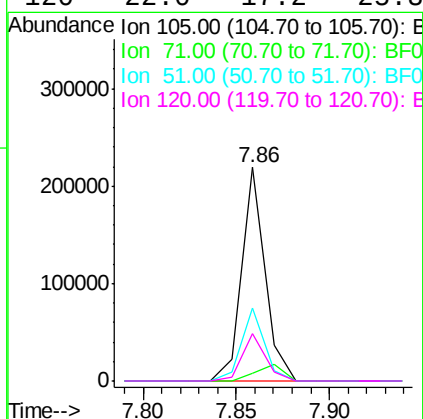
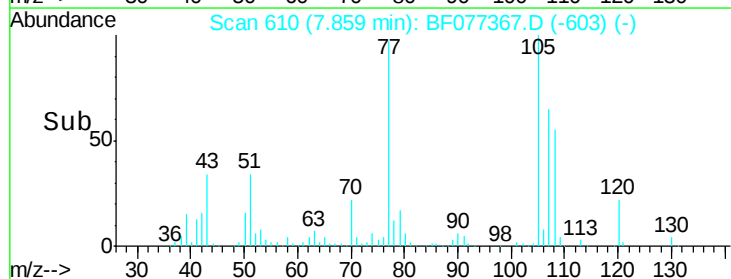
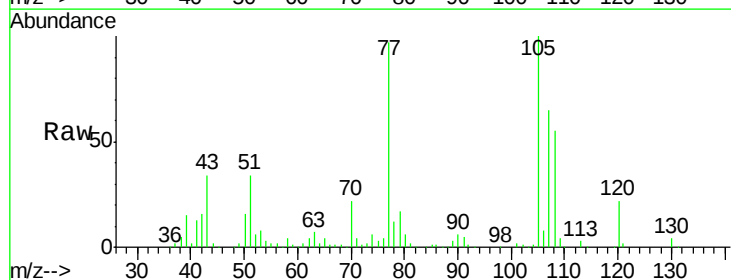
Instrument :
BNA_F
ClientSampleId :
PB81756BS

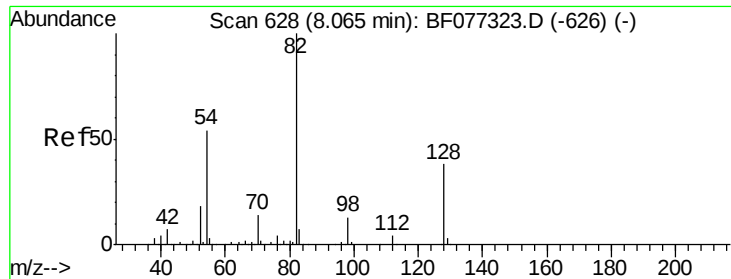
Tgt Ion:	136	Resp:	230197
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	7.1	5.8	8.6
68	5.8	4.6	6.8



#22
Acetophenone
Concen: 35.38 ng
RT: 7.86 min Scan# 610
Delta R.T. -0.02 min
Lab File: BF077367.D
Acq: 18 Feb 2015 22:24

Tgt Ion:	105	Resp:	191649
Ion	Ratio	Lower	Upper
105	100		
71	3.6	2.5	3.7
51	34.1	27.4	41.2
120	22.0	17.2	25.8

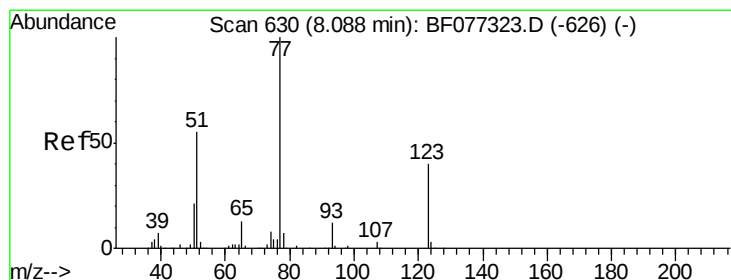
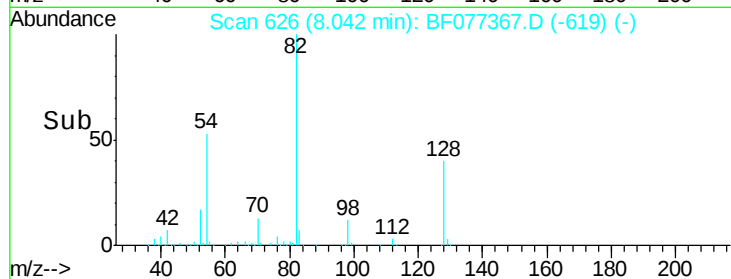
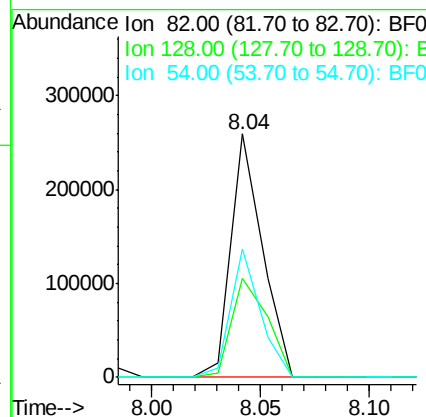
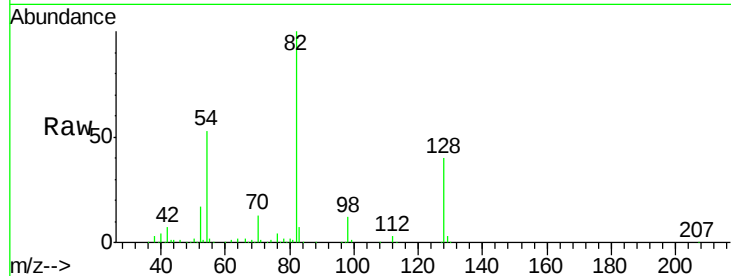




#23
 Nitrobenzene-d5
 Concen: 78.56 ng
 RT: 8.04 min Scan# 626
 Delta R.T. -0.02 min
 Lab File: BF077367.D
 Acq: 18 Feb 2015 22:24

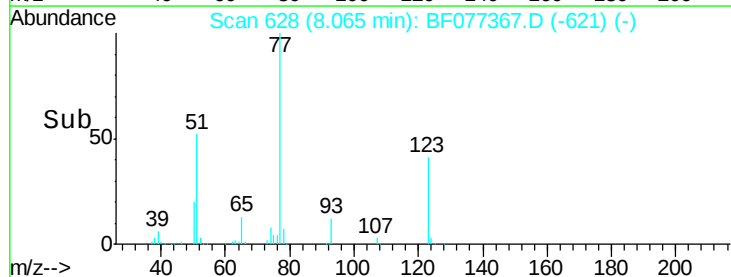
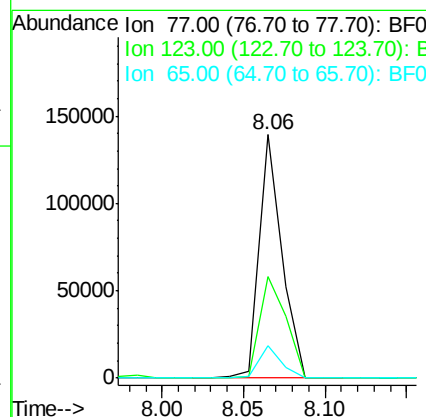
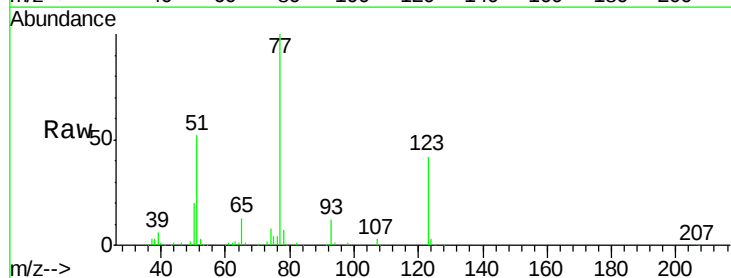
Instrument :
 BNA_F
 ClientSampleId :
 PB81756BS

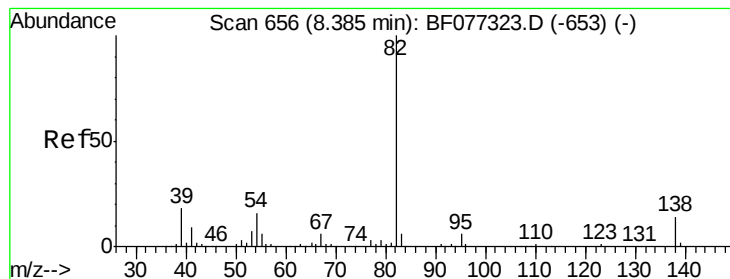
Tgt Ion: 82 Resp: 261138
 Ion Ratio Lower Upper
 82 100
 128 40.4 30.7 46.1
 54 52.8 43.1 64.7



#24
 Nitrobenzene
 Concen: 37.64 ng
 RT: 8.06 min Scan# 628
 Delta R.T. -0.02 min
 Lab File: BF077367.D
 Acq: 18 Feb 2015 22:24

Tgt Ion: 77 Resp: 134860
 Ion Ratio Lower Upper
 77 100
 123 41.7 31.7 47.5
 65 13.3 10.7 16.1





#25

Isophorone

Concen: 35.11 ng

RT: 8.36 min Scan# 654

Delta R.T. -0.02 min

Lab File: BF077367.D

Acq: 18 Feb 2015 22:24

Instrument :

BNA_F

ClientSampleId :

PB81756BS

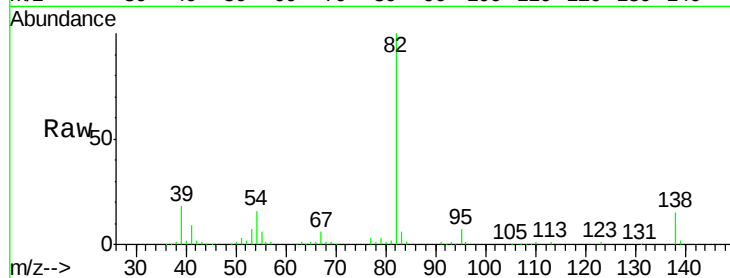
Tgt Ion: 82 Resp: 263041

Ion Ratio Lower Upper

82 100

95 6.7 5.0 7.6

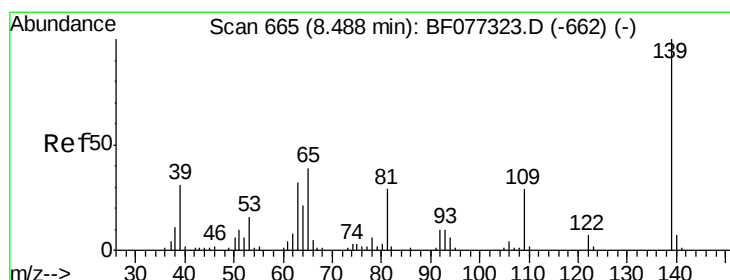
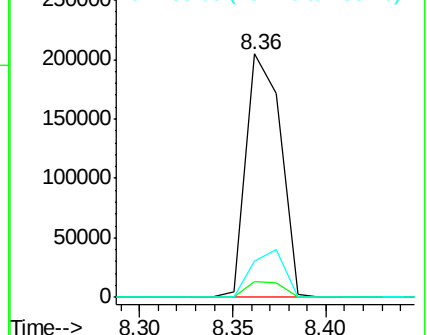
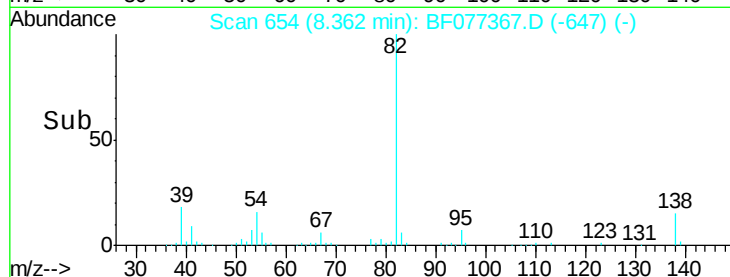
138 15.0 11.5 17.3



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: 52.11 ng

RT: 8.46 min Scan# 663

Delta R.T. -0.02 min

Lab File: BF077367.D

Acq: 18 Feb 2015 22:24

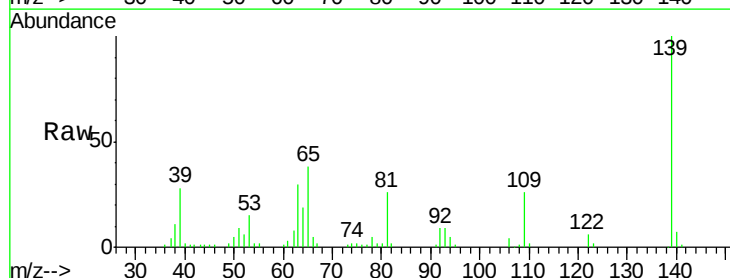
Tgt Ion: 139 Resp: 56871

Ion Ratio Lower Upper

139 100

109 26.1 22.9 34.3

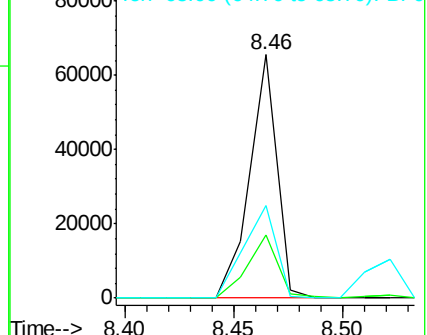
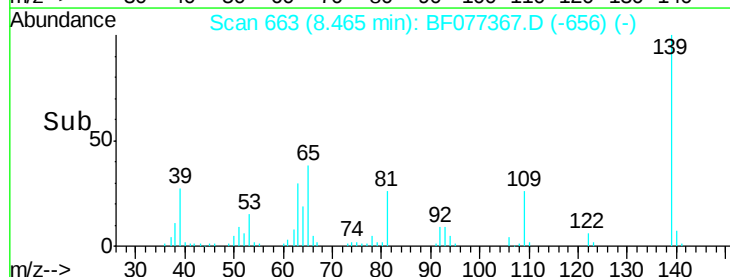
65 38.1 31.4 47.2

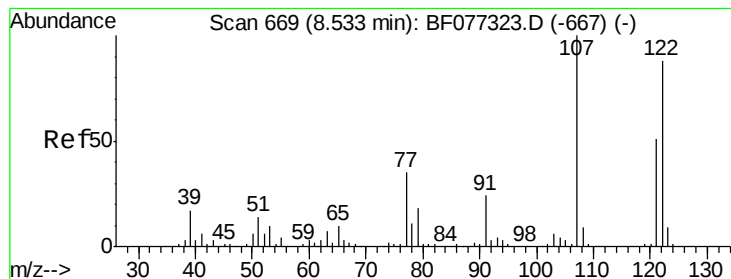


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 38.94 ng

RT: 8.52 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF077367.D

Acq: 18 Feb 2015 22:24

Instrument :

BNA_F

ClientSampleId :

PB81756BS

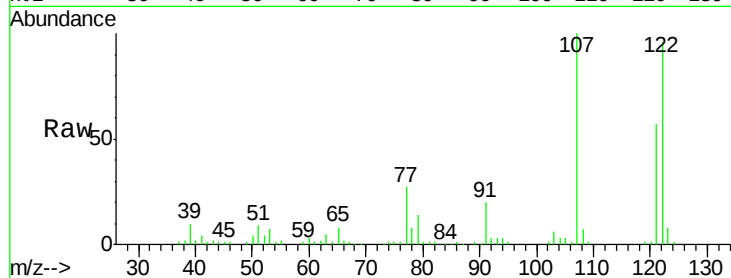
Tgt Ion: 122 Resp: 132878

Ion Ratio Lower Upper

122 100

107 104.0 90.6 135.8

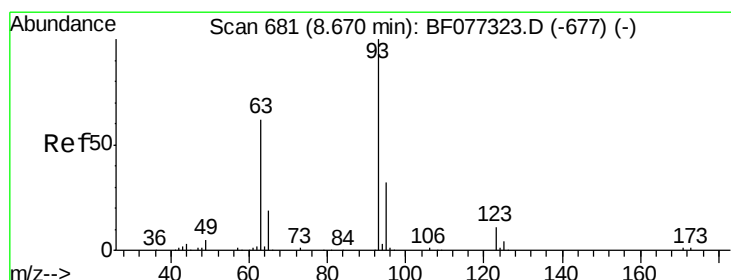
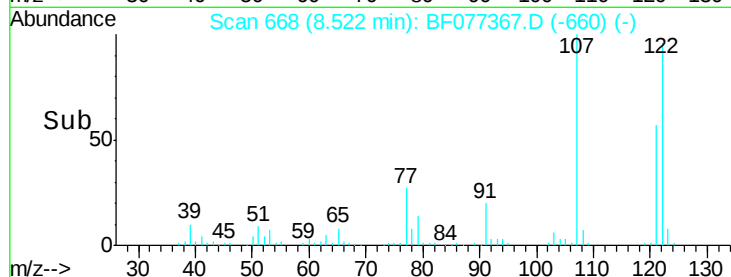
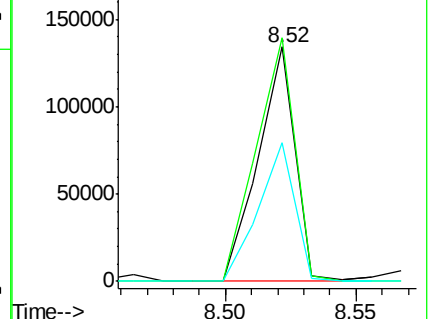
121 59.5 46.2 69.2



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: 36.45 ng

RT: 8.65 min Scan# 679

Delta R.T. -0.02 min

Lab File: BF077367.D

Acq: 18 Feb 2015 22:24

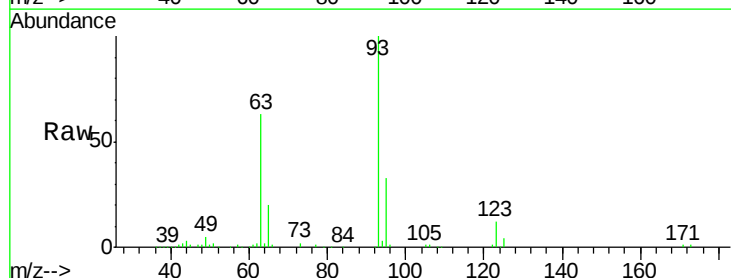
Tgt Ion: 93 Resp: 175739

Ion Ratio Lower Upper

93 100

95 32.7 25.9 38.9

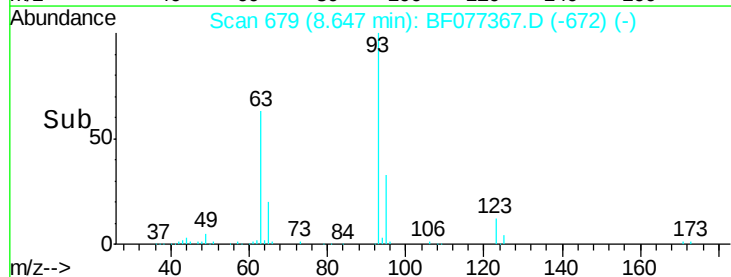
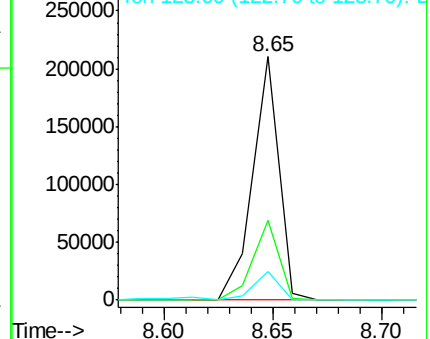
123 11.9 9.2 13.8

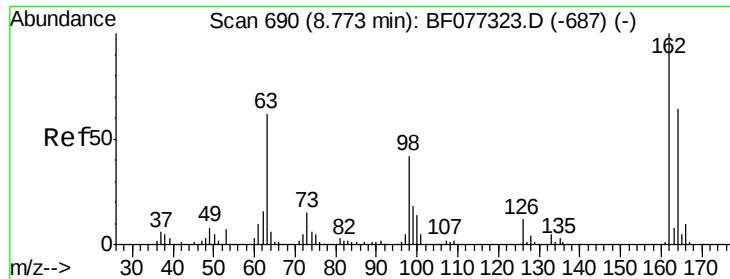


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

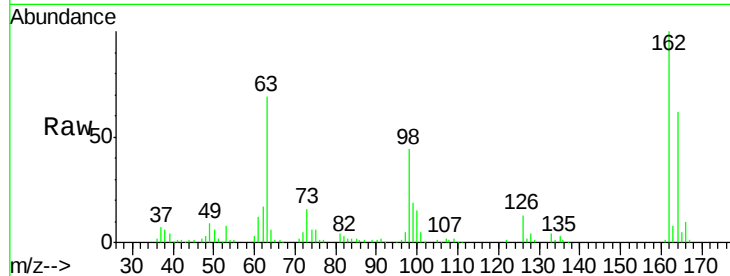




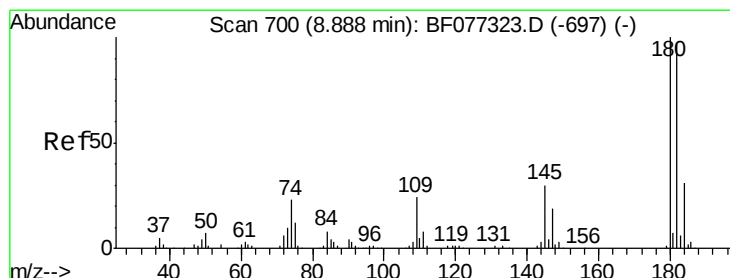
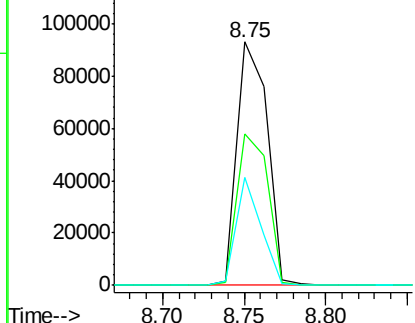
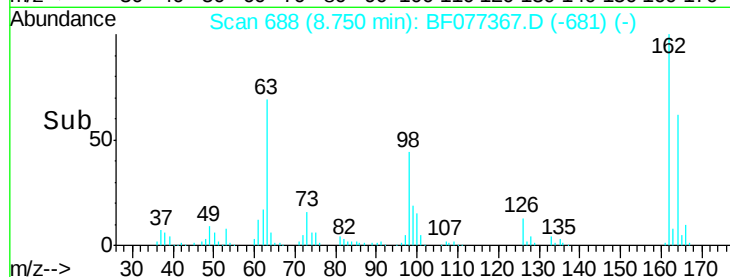
#29
 2,4-Dichlorophenol
 Concen: 40.62 ng
 RT: 8.75 min Scan# 688
 Delta R.T. -0.02 min
 Lab File: BF077367.D
 Acq: 18 Feb 2015 22:24

Instrument :
 BNA_F
 ClientSampleId :
 PB81756BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.4	43.7	83.7
98	44.3	21.7	61.7

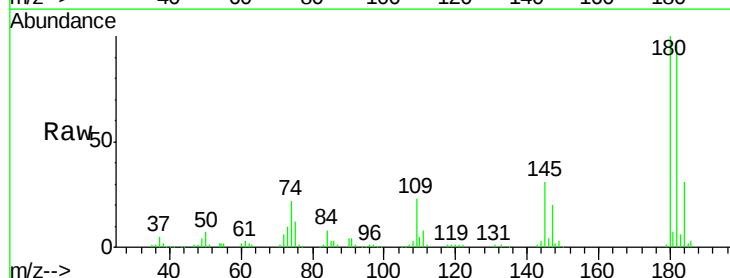


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

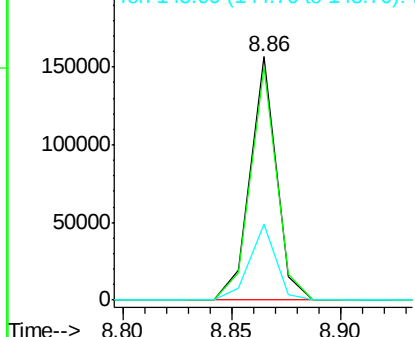
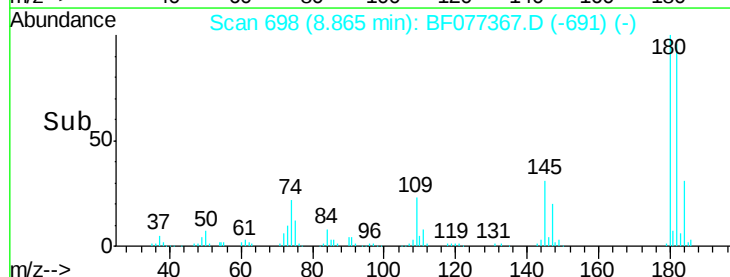


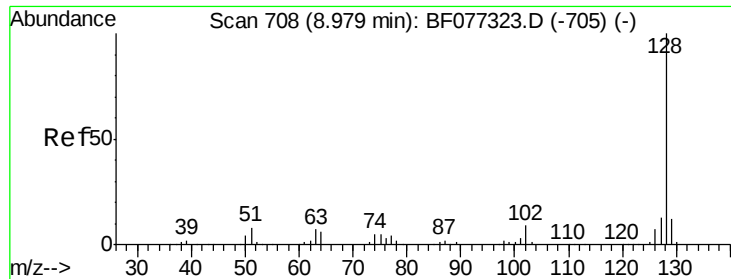
#30
 1,2,4-Trichlorobenzene
 Concen: 35.25 ng
 RT: 8.86 min Scan# 698
 Delta R.T. -0.02 min
 Lab File: BF077367.D
 Acq: 18 Feb 2015 22:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	77.8	116.8
145	31.3	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

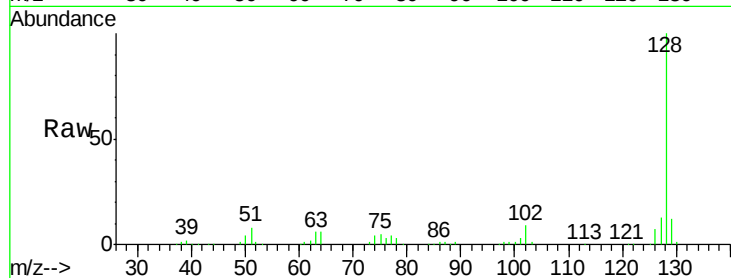




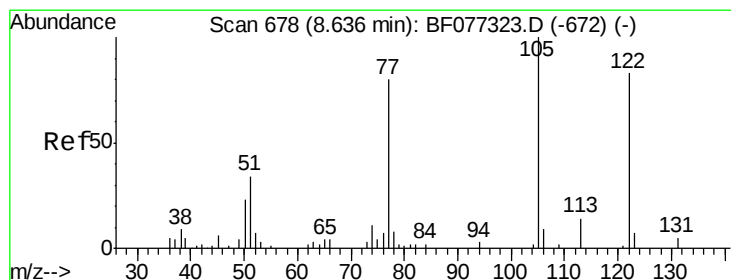
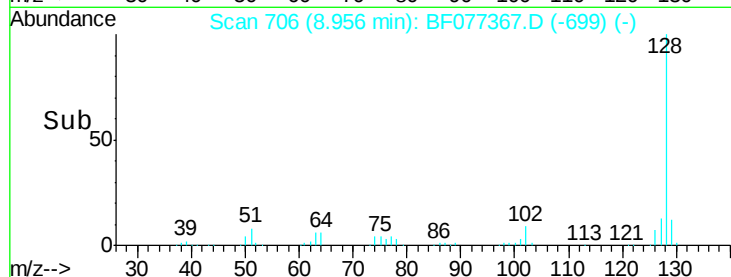
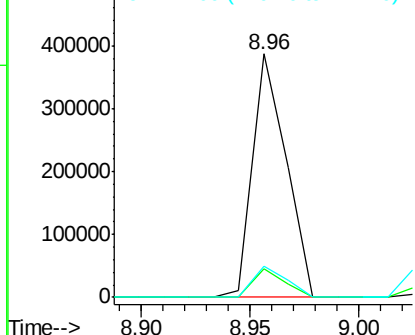
#31
Naphthalene
Concen: 36.08 ng
RT: 8.96 min Scan# 706
Delta R.T. -0.02 min
Lab File: BF077367.D
Acq: 18 Feb 2015 22:24

Instrument :
BNA_F
ClientSampleId :
PB81756BS

Tgt Ion:128 Resp: 415521
Ion Ratio Lower Upper
128 100
129 11.7 9.5 14.3
127 12.9 10.5 15.7

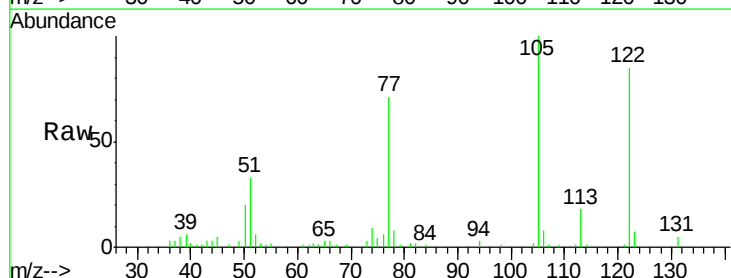


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

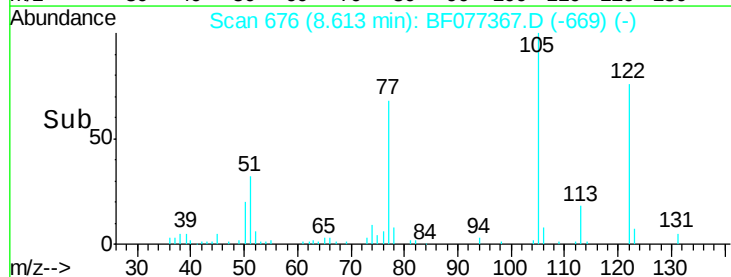
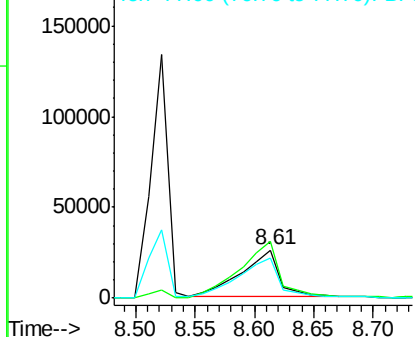


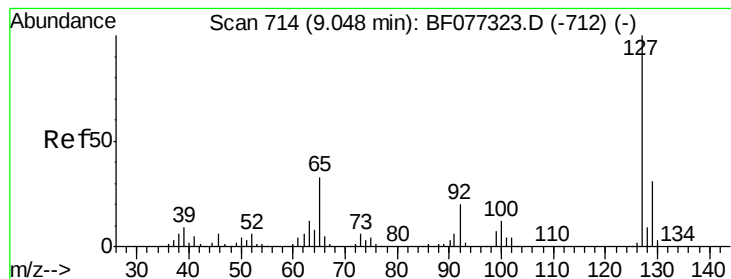
#32
Benzoic acid
Concen: 65.01 ng
RT: 8.61 min Scan# 676
Delta R.T. -0.02 min
Lab File: BF077367.D
Acq: 18 Feb 2015 22:24

Tgt Ion:122 Resp: 59126
Ion Ratio Lower Upper
122 100
105 117.3 98.4 138.4
77 83.4 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: 9.43 ng

RT: 9.02 min Scan# 712

Delta R.T. -0.02 min

Lab File: BF077367.D

Acq: 18 Feb 2015 22:24

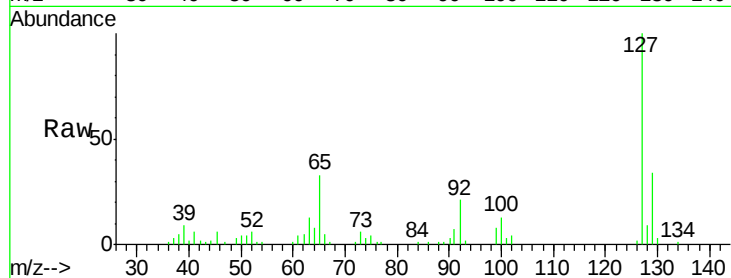
Instrument :

BNA_F

ClientSampleId :

PB81756BS

Tgt Ion:	127	Resp:	46397
Ion	Ratio	Lower	Upper
127	100		
129	34.0	24.9	37.3
65	33.3	26.4	39.6
92	20.8	15.9	23.9

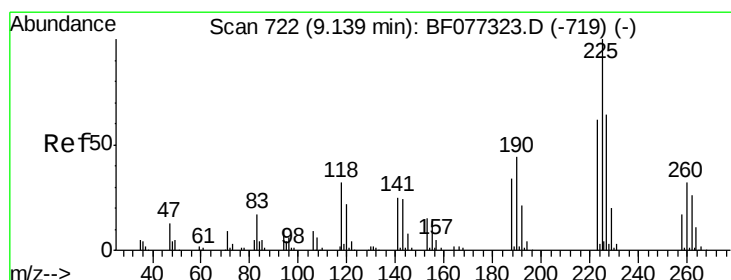
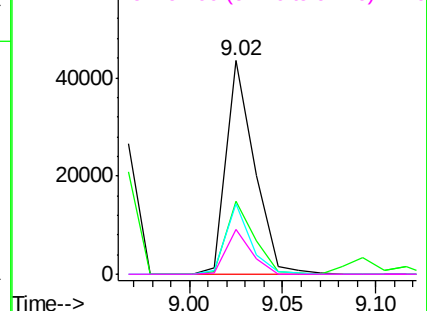
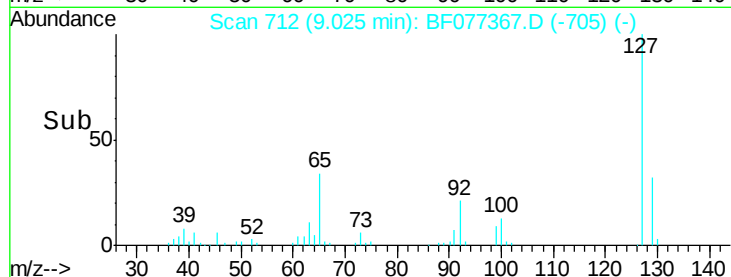


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 32.58 ng

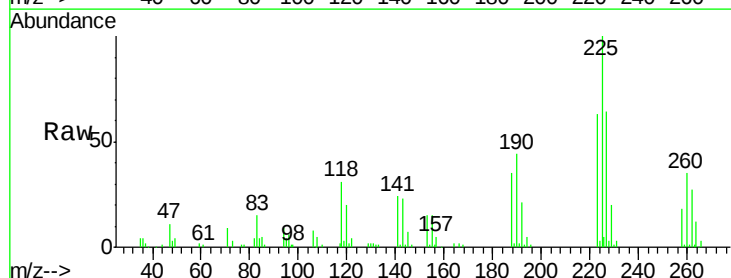
RT: 9.12 min Scan# 720

Delta R.T. -0.02 min

Lab File: BF077367.D

Acq: 18 Feb 2015 22:24

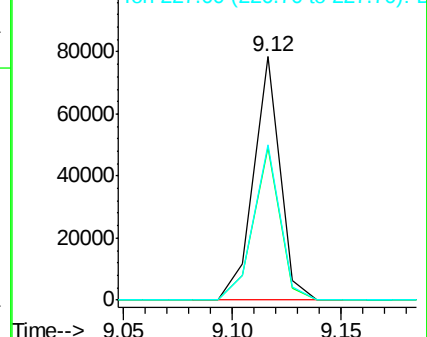
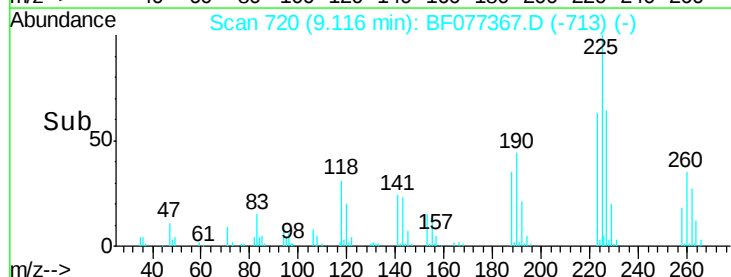
Tgt Ion:	225	Resp:	66334
Ion	Ratio	Lower	Upper
225	100		
223	62.7	49.4	74.2
227	63.6	51.0	76.6

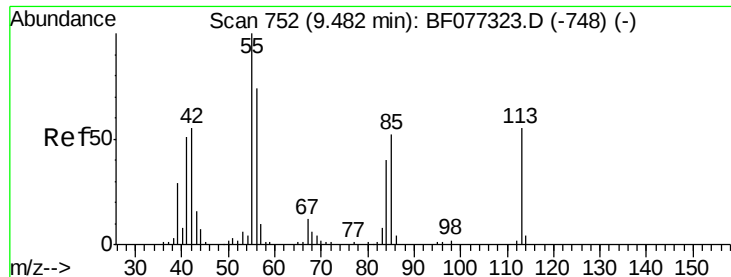


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

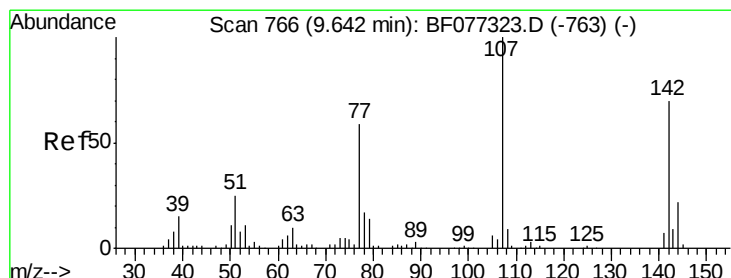
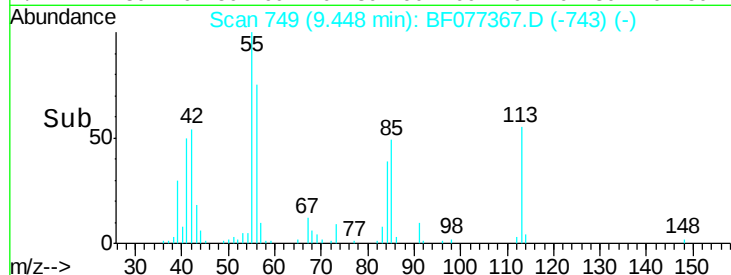
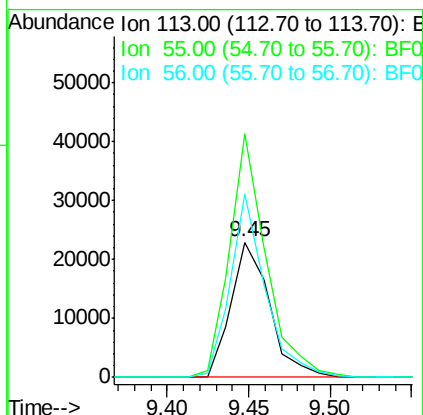
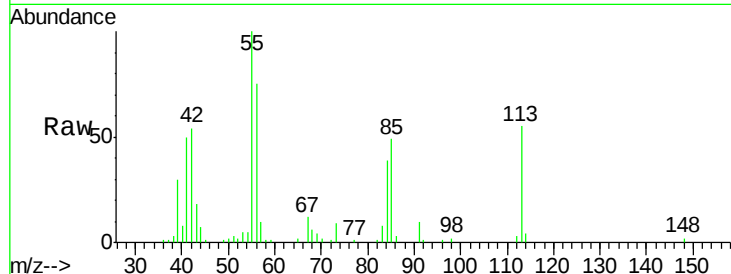




#35
 Caprolactam
 Concen: 41.66 ng
 RT: 9.45 min Scan# 749
 Delta R.T. -0.03 min
 Lab File: BF077367.D
 Acq: 18 Feb 2015 22:24

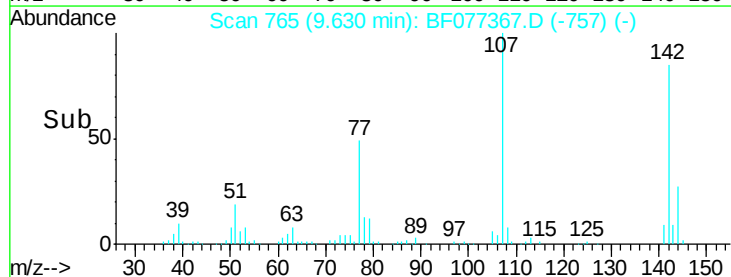
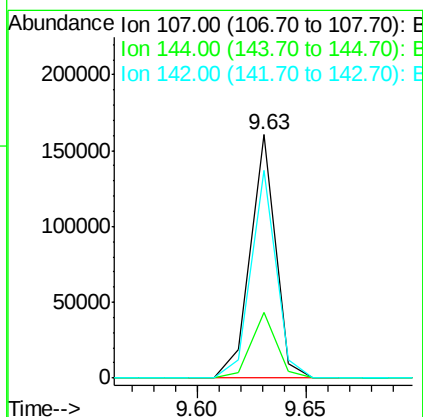
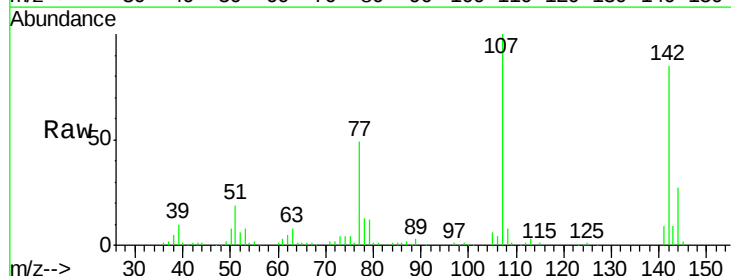
Instrument :
 BNA_F
 ClientSampleId :
 PB81756BS

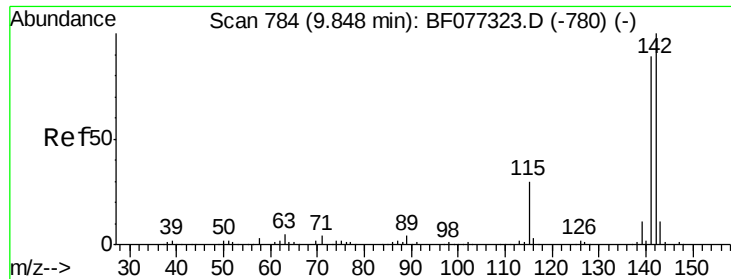
Tgt Ion:113 Resp: 37602
 Ion Ratio Lower Upper
 113 100
 55 180.3 163.0 203.0
 56 135.8 115.6 155.6



#36
 4-Chloro-3-methylphenol
 Concen: 40.43 ng
 RT: 9.63 min Scan# 765
 Delta R.T. -0.01 min
 Lab File: BF077367.D
 Acq: 18 Feb 2015 22:24

Tgt Ion:107 Resp: 130479
 Ion Ratio Lower Upper
 107 100
 144 26.8 17.8 26.6#
 142 85.2 55.7 83.5#

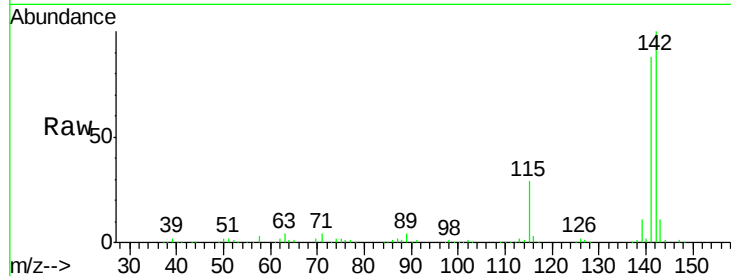




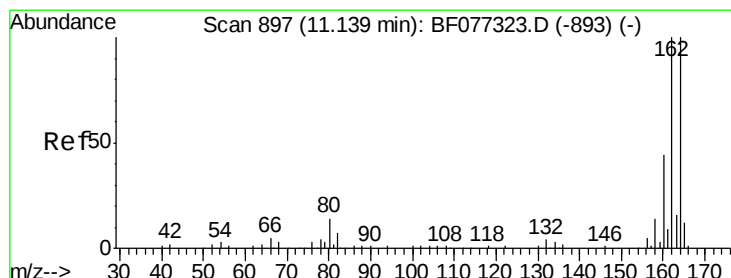
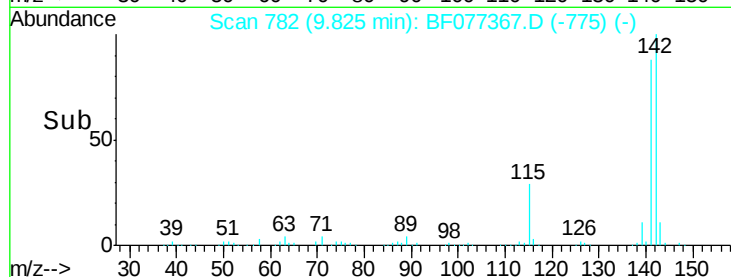
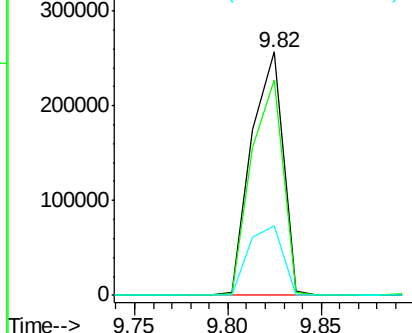
#37
 2-Methylnaphthalene
 Concen: 36.28 ng
 RT: 9.82 min Scan# 782
 Delta R.T. -0.02 min
 Lab File: BF077367.D
 Acq: 18 Feb 2015 22:24

Instrument :
 BNA_F
 ClientSampleId :
 PB81756BS

Tgt Ion:142 Resp: 300603
 Ion Ratio Lower Upper
 142 100
 141 88.5 71.2 106.8
 115 28.7 23.8 35.8

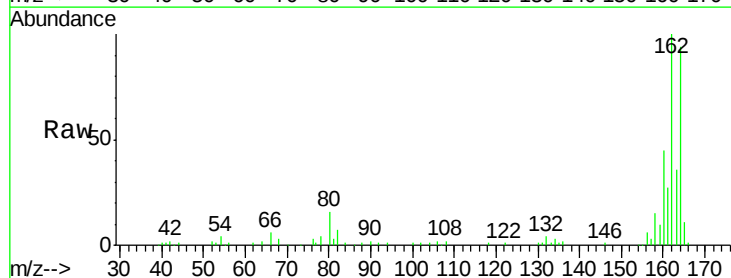


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

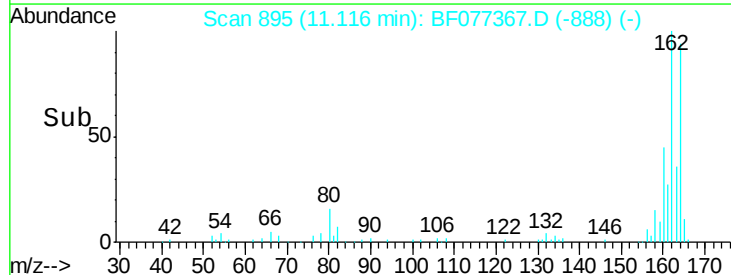
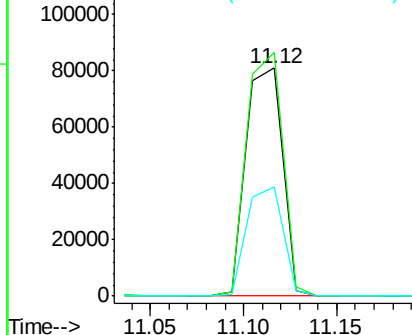


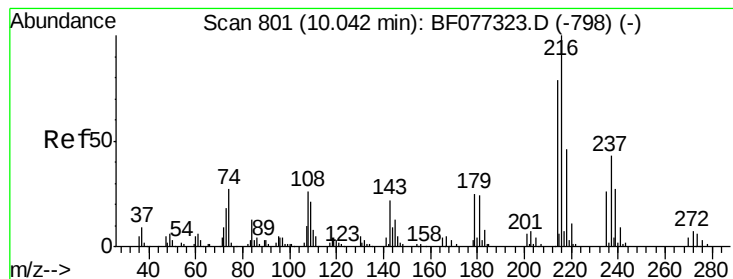
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.12 min Scan# 895
 Delta R.T. -0.02 min
 Lab File: BF077367.D
 Acq: 18 Feb 2015 22:24

Tgt Ion:164 Resp: 110675
 Ion Ratio Lower Upper
 164 100
 162 106.7 80.4 120.6
 160 48.1 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: 39.23 ng

RT: 10.03 min Scan# 800

Delta R.T. -0.01 min

Lab File: BF077367.D

Acq: 18 Feb 2015 22:24

Instrument :

BNA_F

ClientSampleId :

PB81756BS

Tgt Ion:216 Resp: 125388

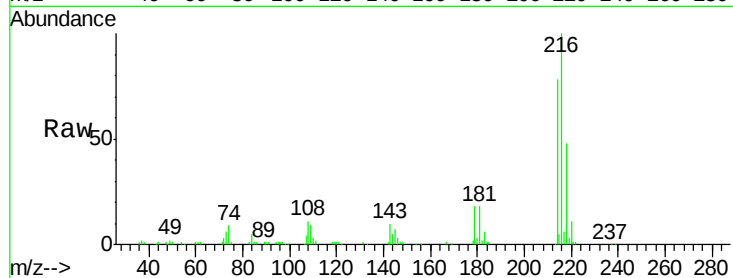
Ion Ratio Lower Upper

216 100

214 79.2 62.5 93.7

179 21.2 17.6 26.4

108 20.3 16.6 25.0

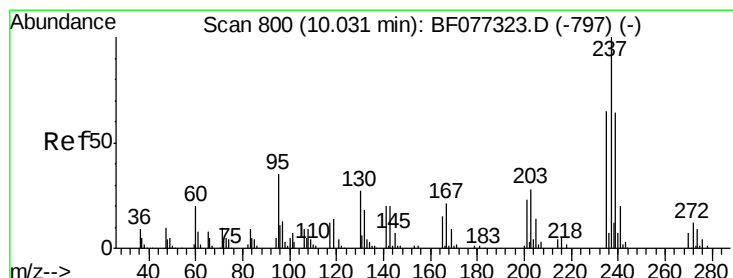
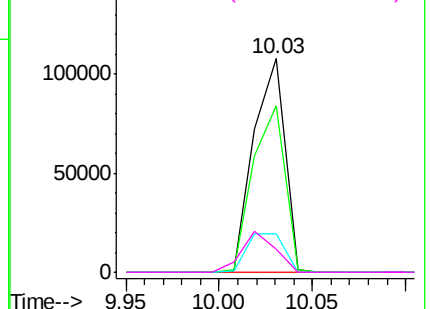
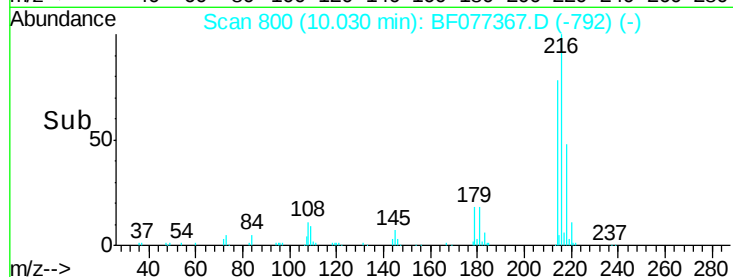


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 68.27 ng

RT: 10.01 min Scan# 798

Delta R.T. -0.02 min

Lab File: BF077367.D

Acq: 18 Feb 2015 22:24

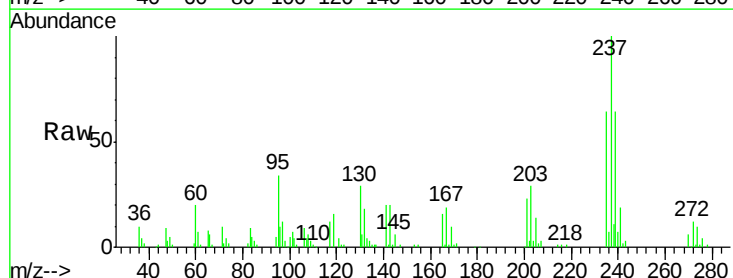
Tgt Ion:237 Resp: 108464

Ion Ratio Lower Upper

237 100

235 63.9 44.5 84.5

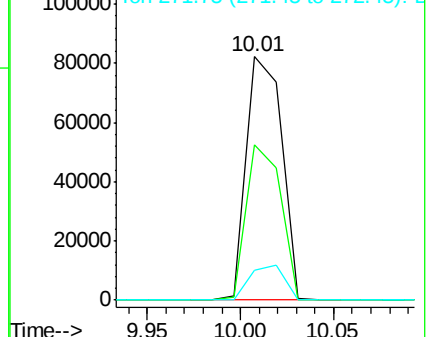
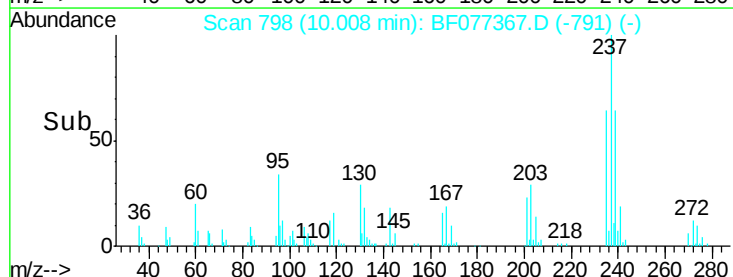
272 12.0 0.0 32.2

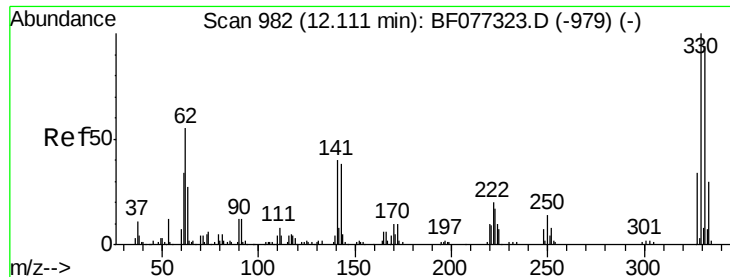


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

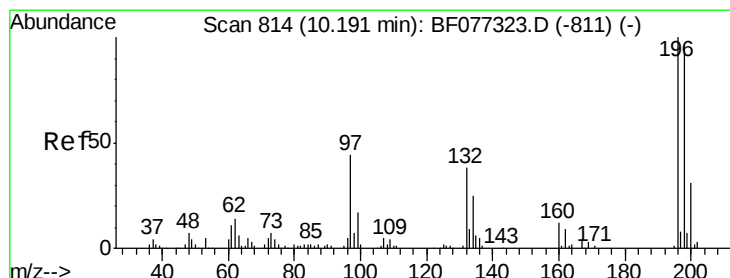
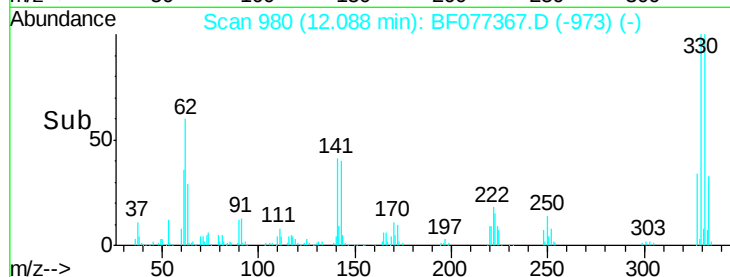
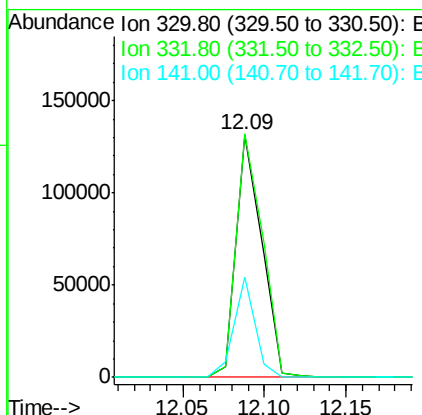
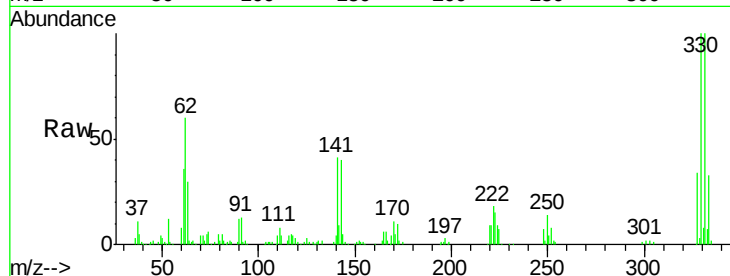




#41
 2,4,6-Tribromophenol
 Concen: 138.37 ng
 RT: 12.09 min Scan# 980
 Delta R.T. -0.02 min
 Lab File: BF077367.D
 Acq: 18 Feb 2015 22:24

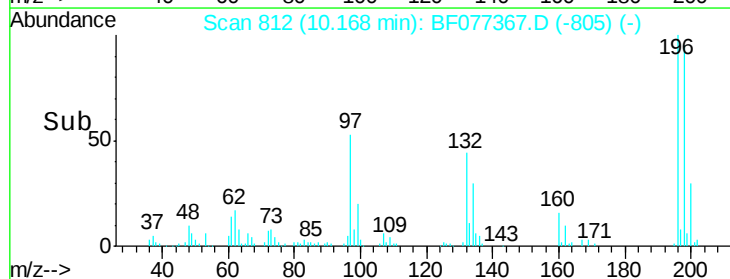
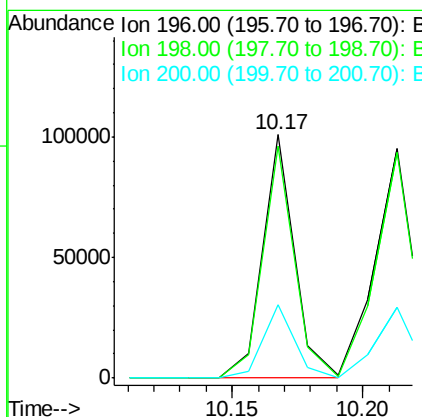
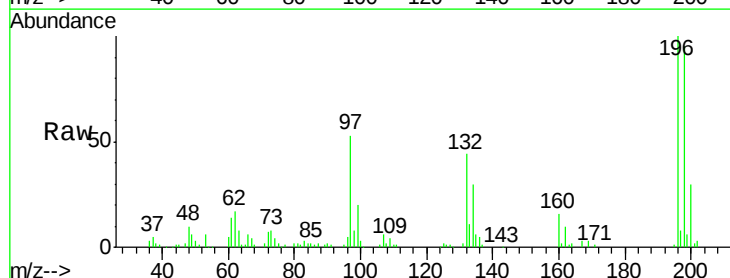
Instrument :
 BNA_F
 ClientSampleId :
 PB81756BS

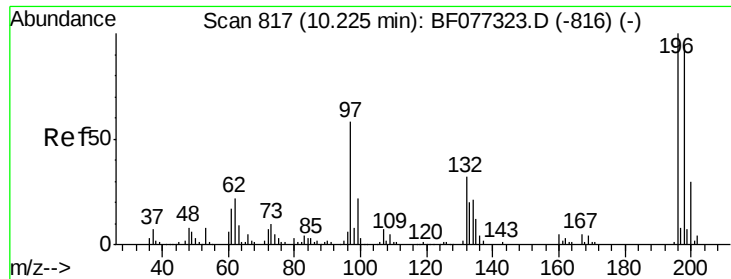
Tgt Ion:330 Resp: 142735
 Ion Ratio Lower Upper
 330 100
 332 103.4 76.1 114.1
 141 34.1 28.5 42.7



#42
 2,4,6-Trichlorophenol
 Concen: 48.12 ng
 RT: 10.17 min Scan# 812
 Delta R.T. -0.02 min
 Lab File: BF077367.D
 Acq: 18 Feb 2015 22:24

Tgt Ion:196 Resp: 86147
 Ion Ratio Lower Upper
 196 100
 198 95.3 76.7 115.1
 200 30.1 24.7 37.1

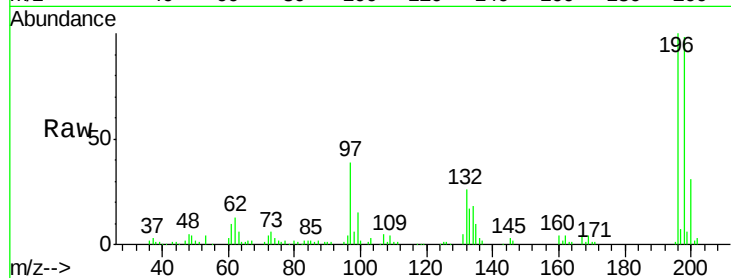




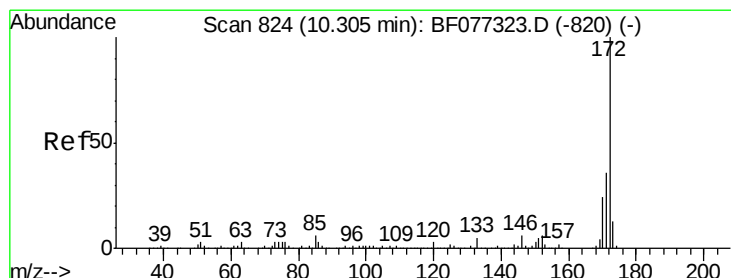
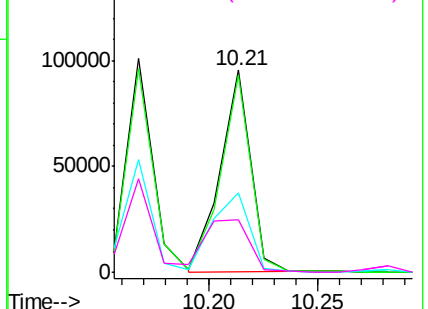
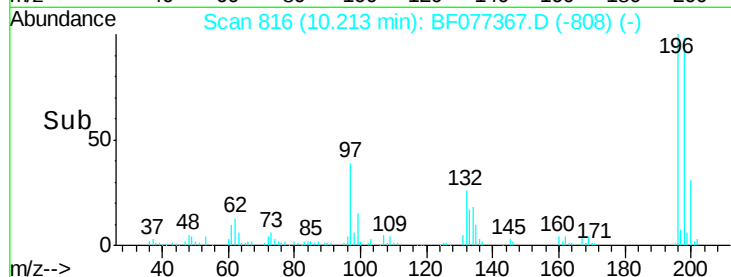
#43
 2,4,5-Trichlorophenol
 Concen: 48.13 ng
 RT: 10.21 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BF077367.D
 Acq: 18 Feb 2015 22:24

Instrument :
 BNA_F
 ClientSampleId :
 PB81756BS

Tgt Ion:196 Resp: 92132
 Ion Ratio Lower Upper
 196 100
 198 97.9 75.1 112.7
 97 39.4 48.8 73.2#
 132 25.9 26.2 39.4#

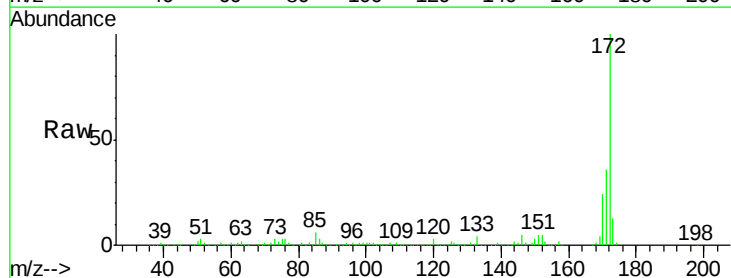


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

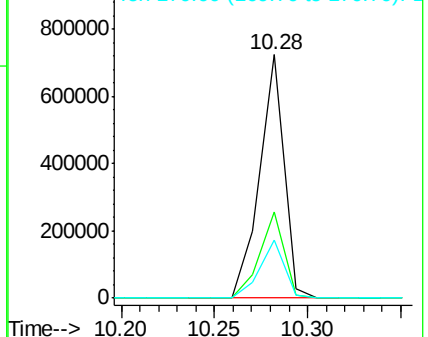
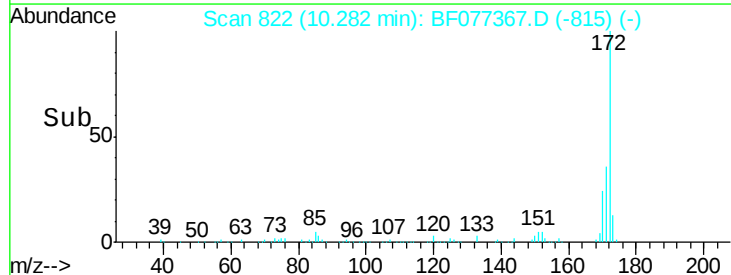


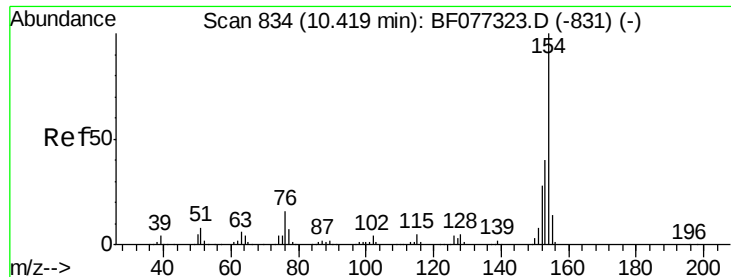
#44
 2-Fluorobiphenyl
 Concen: 89.13 ng
 RT: 10.28 min Scan# 822
 Delta R.T. -0.02 min
 Lab File: BF077367.D
 Acq: 18 Feb 2015 22:24

Tgt Ion:172 Resp: 654332
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.9 43.3
 170 23.6 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

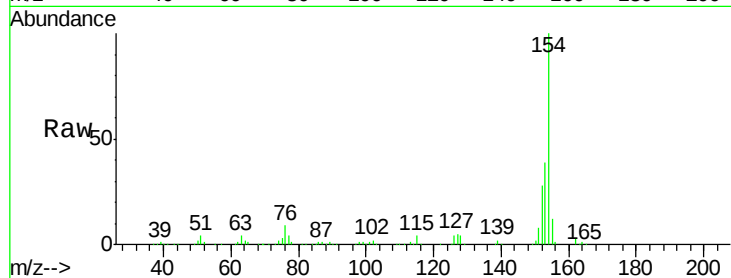




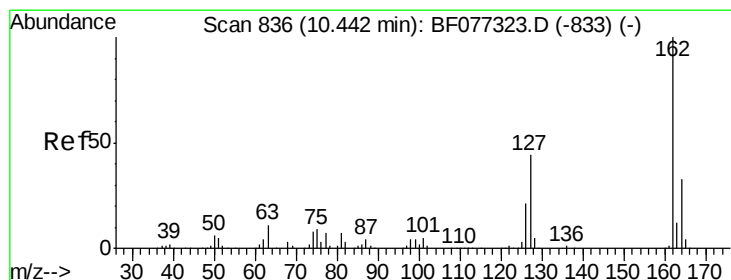
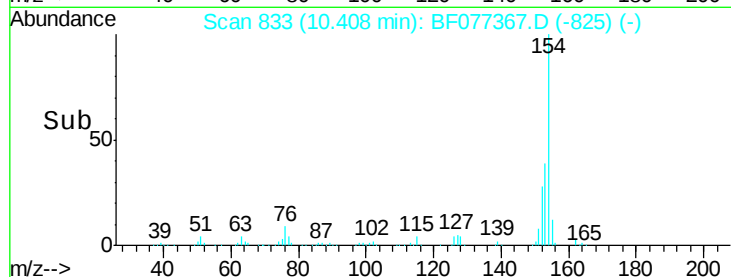
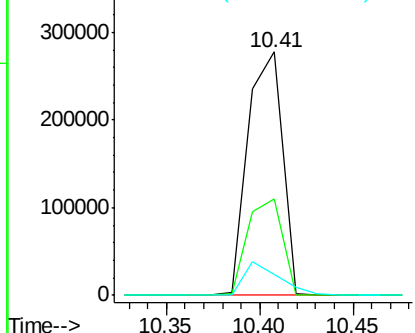
#45
 1,1'-Biphenyl
 Concen: 40.30 ng
 RT: 10.41 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BF077367.D
 Acq: 18 Feb 2015 22:24

Instrument :
 BNA_F
 ClientSampleId :
 PB81756BS

Tgt Ion:154 Resp: 355666
 Ion Ratio Lower Upper
 154 100
 153 39.4 20.5 60.5
 76 8.8 0.0 35.9

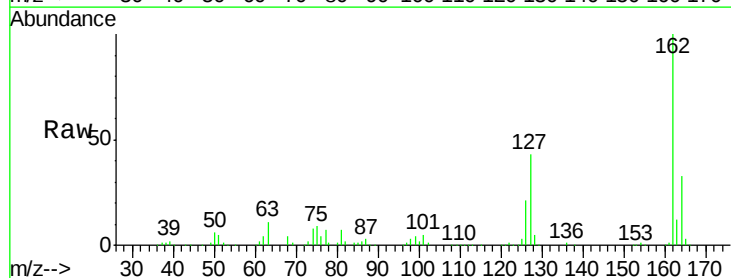


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

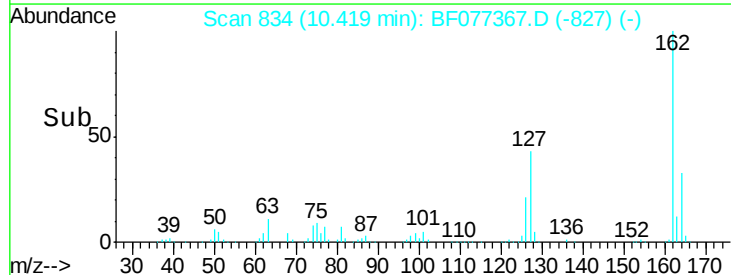
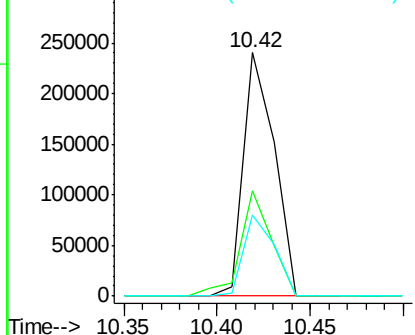


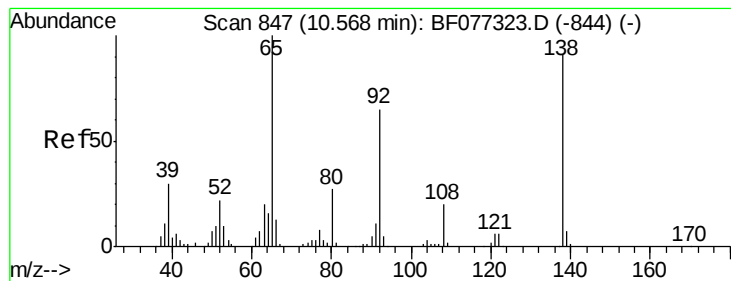
#46
 2-Chloronaphthalene
 Concen: 42.15 ng
 RT: 10.42 min Scan# 834
 Delta R.T. -0.02 min
 Lab File: BF077367.D
 Acq: 18 Feb 2015 22:24

Tgt Ion:162 Resp: 276289
 Ion Ratio Lower Upper
 162 100
 127 43.0 35.4 53.0
 164 33.1 26.2 39.2



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





#47

2-Nitroaniline

Concen: 49.95 ng

RT: 10.54 min Scan# 845

Delta R.T. -0.02 min

Lab File: BF077367.D

Acq: 18 Feb 2015 22:24

Instrument :

BNA_F

ClientSampleId :

PB81756BS

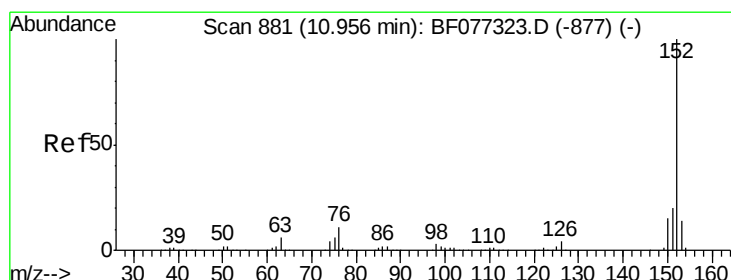
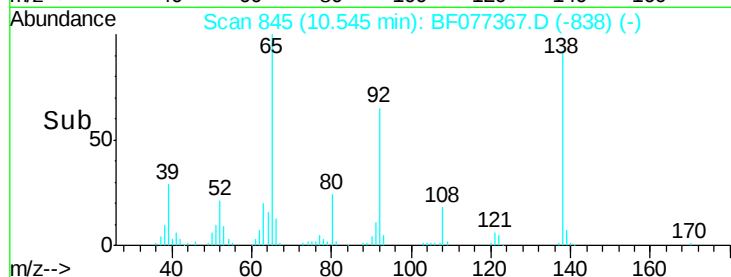
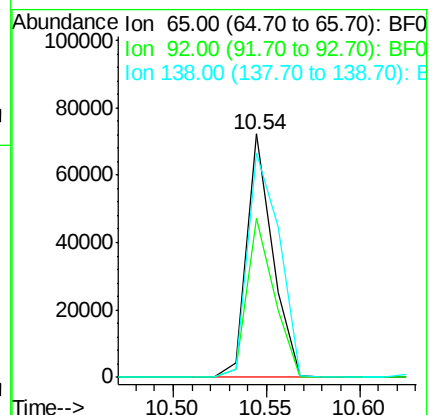
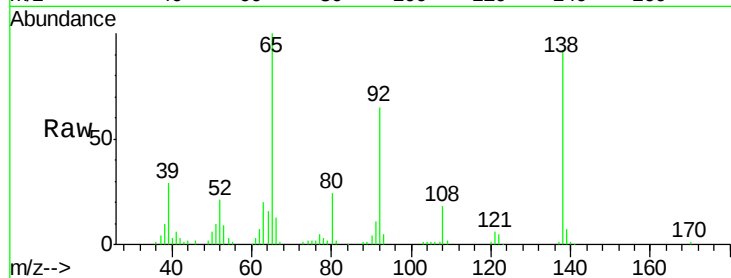
Tgt Ion: 65 Resp: 69835

Ion Ratio Lower Upper

65 100

92 65.2 52.3 78.5

138 92.1 73.2 109.8



#48

Acenaphthylene

Concen: 42.92 ng

RT: 10.93 min Scan# 879

Delta R.T. -0.02 min

Lab File: BF077367.D

Acq: 18 Feb 2015 22:24

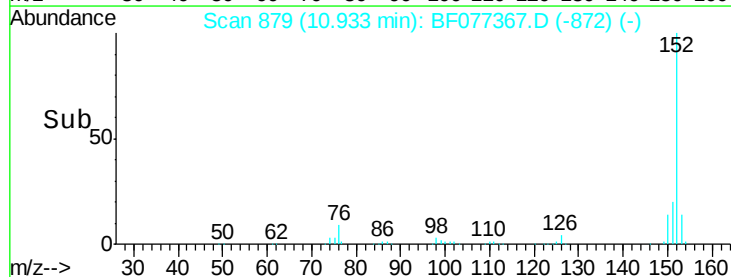
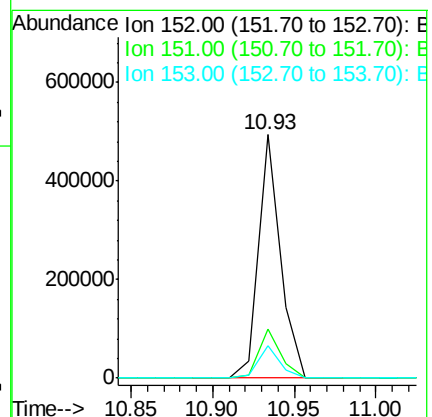
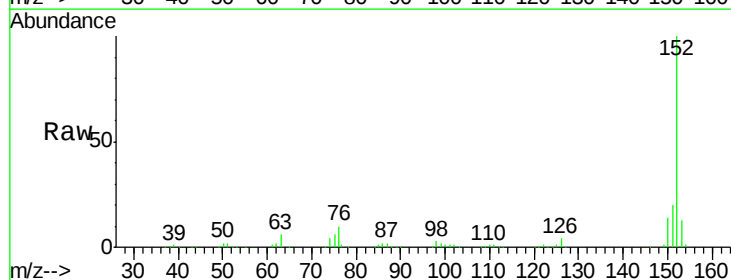
Tgt Ion: 152 Resp: 463914

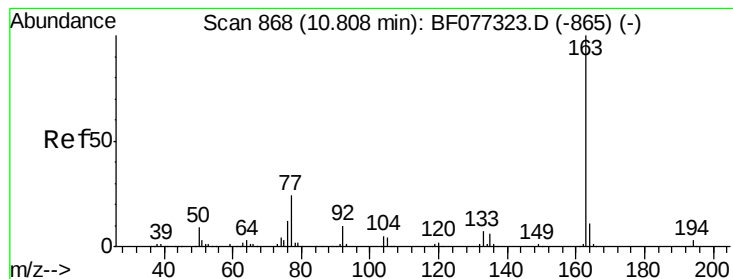
Ion Ratio Lower Upper

152 100

151 20.0 16.3 24.5

153 13.5 10.9 16.3





#49

Dimethylphthalate

Concen: 44.53 ng

RT: 10.78 min Scan# 866

Delta R.T. -0.02 min

Lab File: BF077367.D

Acq: 18 Feb 2015 22:24

Instrument :

BNA_F

ClientSampleId :

PB81756BS

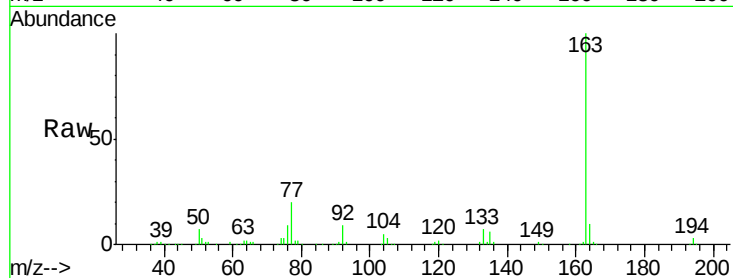
Tgt Ion:163 Resp: 339131

Ion Ratio Lower Upper

163 100

194 3.3 2.6 3.8

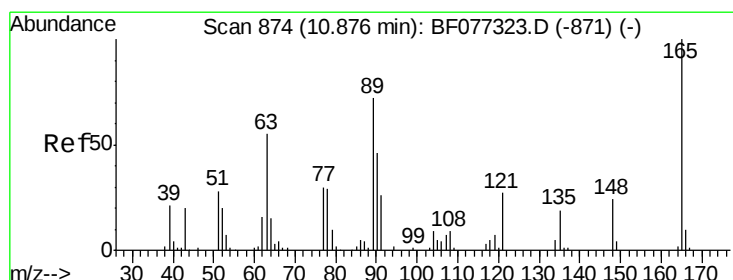
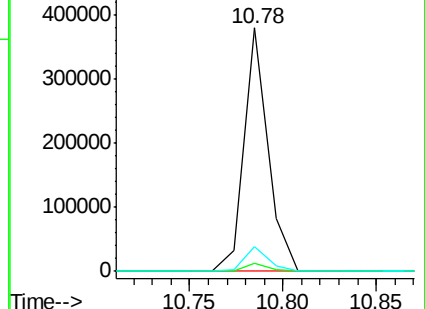
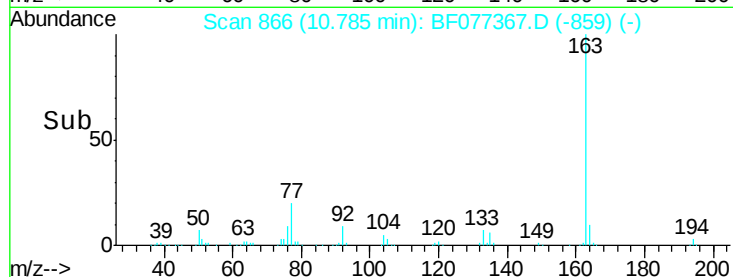
164 10.2 8.4 12.6



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: 46.28 ng

RT: 10.85 min Scan# 872

Delta R.T. -0.02 min

Lab File: BF077367.D

Acq: 18 Feb 2015 22:24

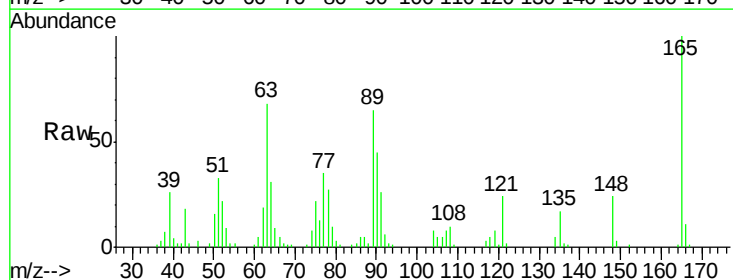
Tgt Ion:165 Resp: 65012

Ion Ratio Lower Upper

165 100

63 68.0 57.2 85.8

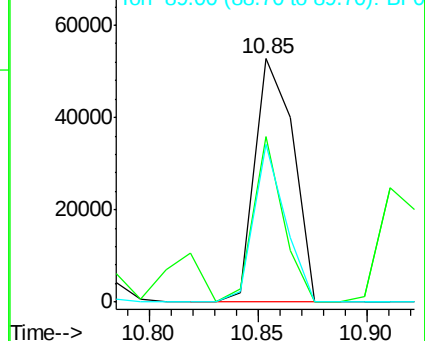
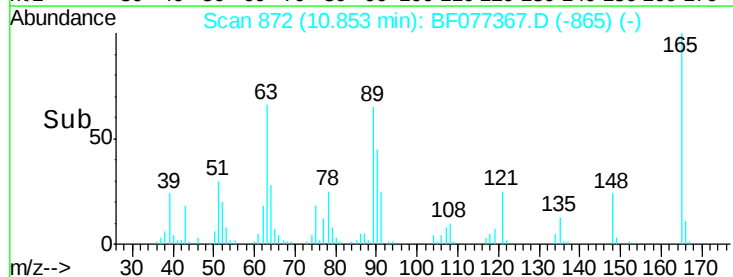
89 64.7 57.8 86.6

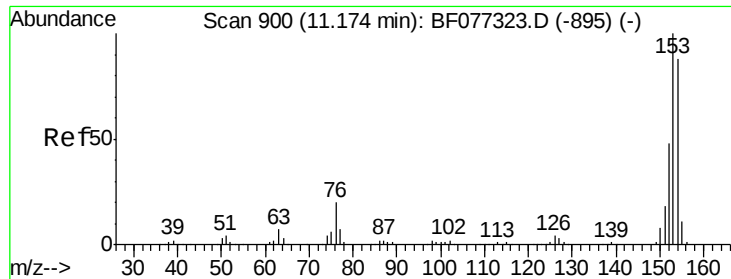


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 45.22 ng

RT: 11.15 min Scan# 898

Delta R.T. -0.02 min

Lab File: BF077367.D

Acq: 18 Feb 2015 22:24

Instrument :

BNA_F

ClientSampleId :

PB81756BS

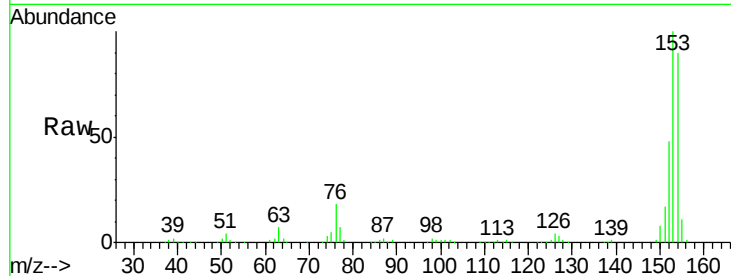
Tgt Ion:154 Resp: 290110

Ion Ratio Lower Upper

154 100

153 111.4 90.9 136.3

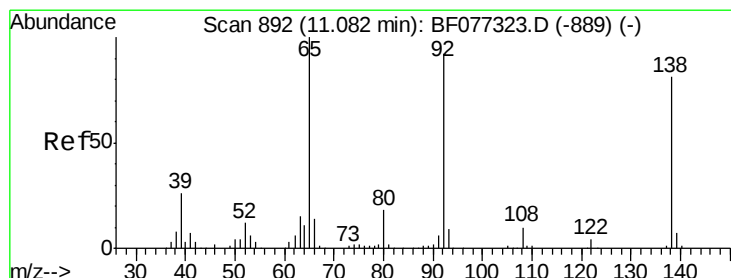
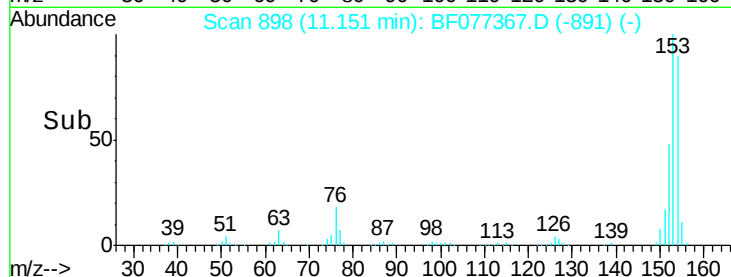
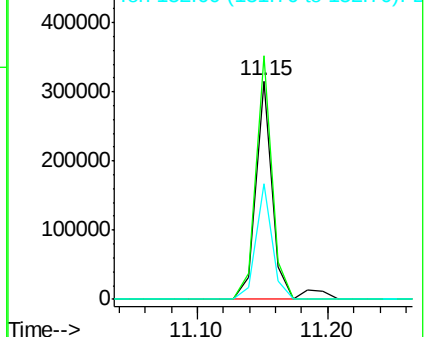
152 53.0 43.5 65.3



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: 20.99 ng

RT: 11.06 min Scan# 890

Delta R.T. -0.02 min

Lab File: BF077367.D

Acq: 18 Feb 2015 22:24

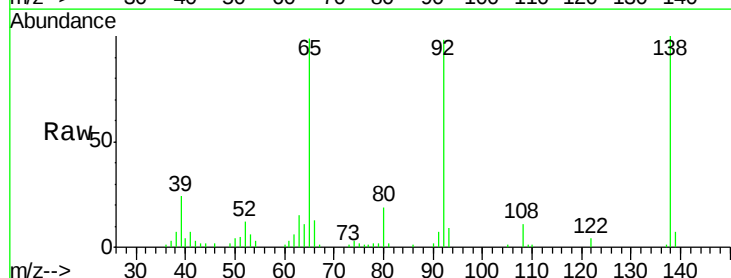
Tgt Ion:138 Resp: 34564

Ion Ratio Lower Upper

138 100

108 10.6 10.2 15.2

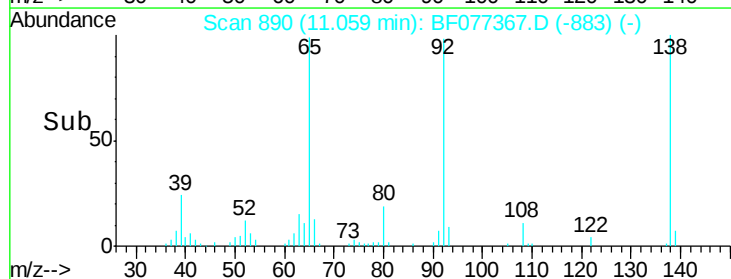
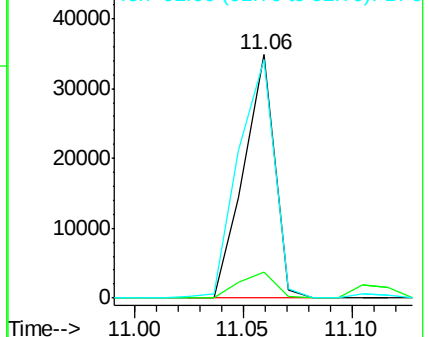
92 97.8 90.9 136.3

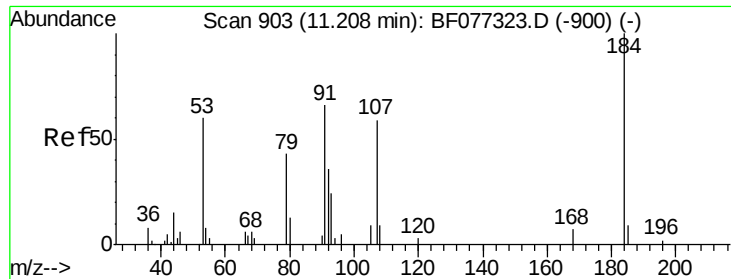


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

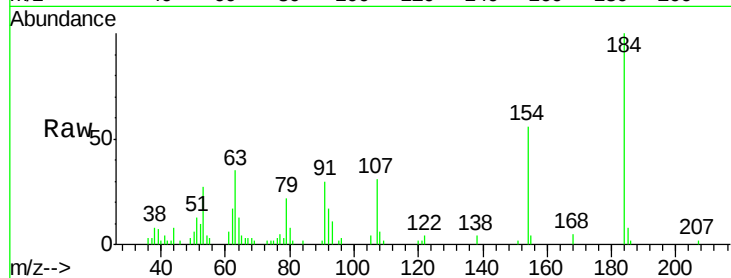




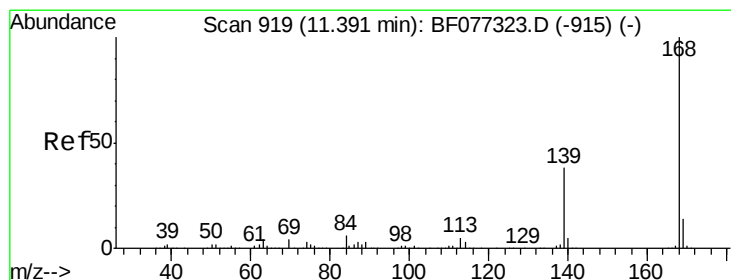
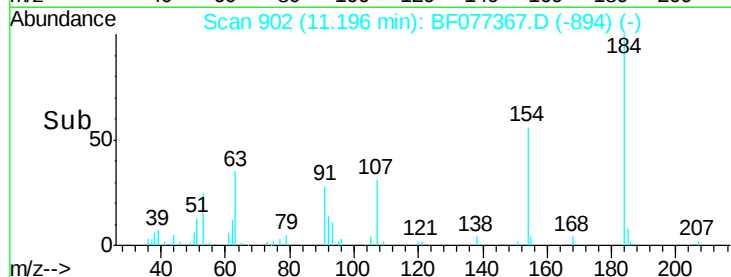
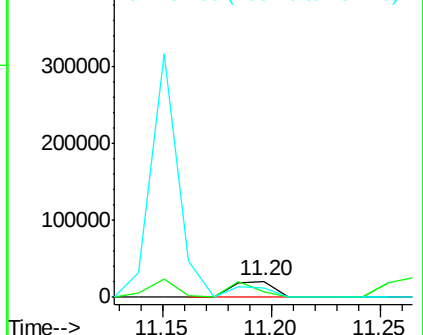
#53
2,4-Dinitrophenol
Concen: 131.74 ng
RT: 11.20 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF077367.D
Acq: 18 Feb 2015 22:24

Instrument :
BNA_F
ClientSampleId :
PB81756BS

Tgt Ion:184 Resp: 28873
Ion Ratio Lower Upper
184 100
63 35.2 69.3 103.9#
154 56.2 56.3 84.5#

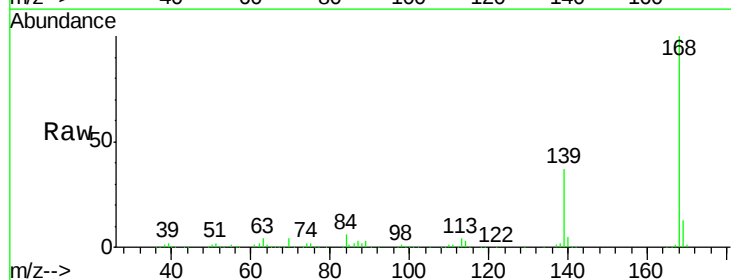


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

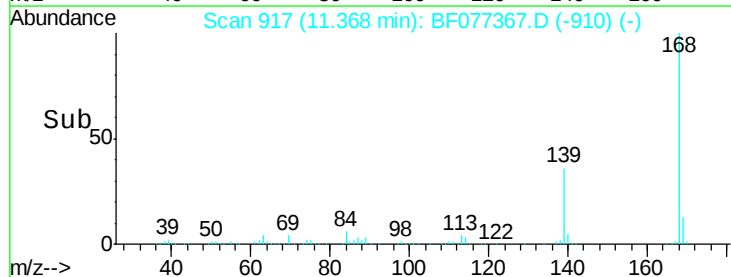
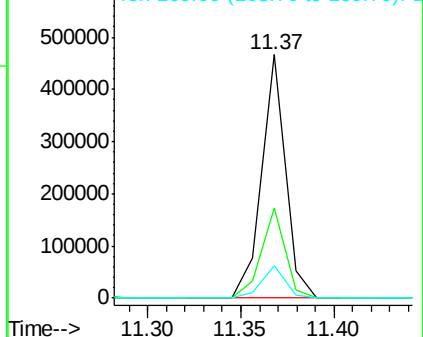


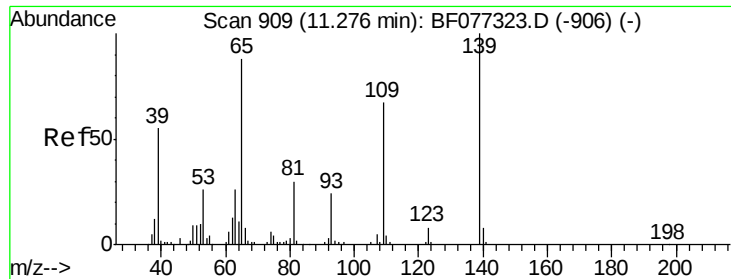
#54
Dibenzofuran
Concen: 42.01 ng
RT: 11.37 min Scan# 917
Delta R.T. -0.02 min
Lab File: BF077367.D
Acq: 18 Feb 2015 22:24

Tgt Ion:168 Resp: 408752
Ion Ratio Lower Upper
168 100
139 36.7 30.6 45.8
169 13.4 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

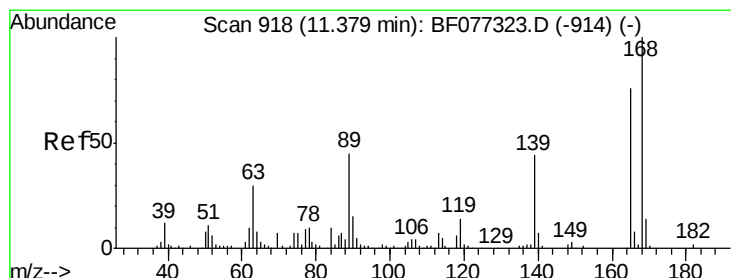
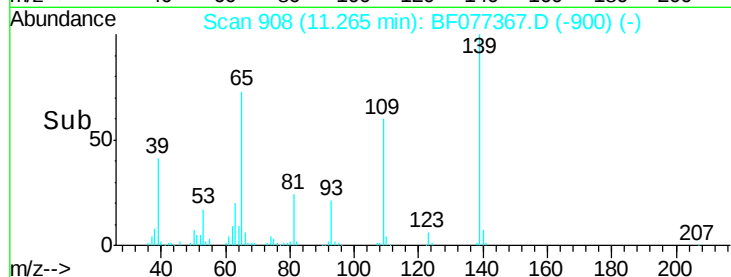
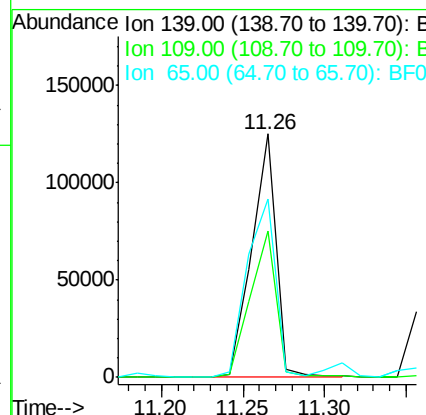
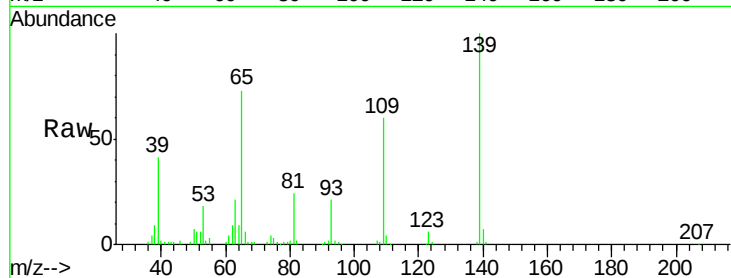




#55
4-Nitrophenol
Concen: 113.29 ng
RT: 11.26 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF077367.D
Acq: 18 Feb 2015 22:24

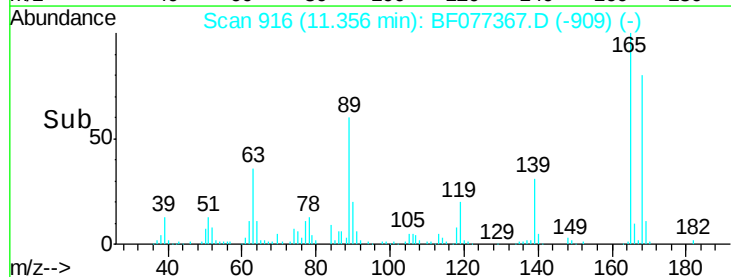
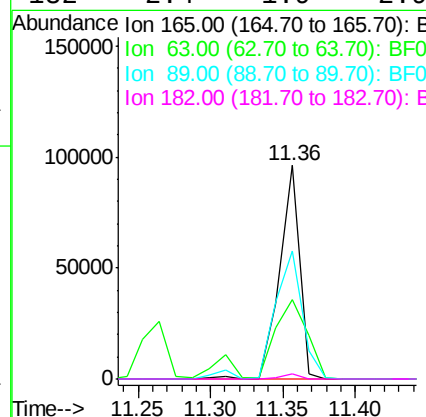
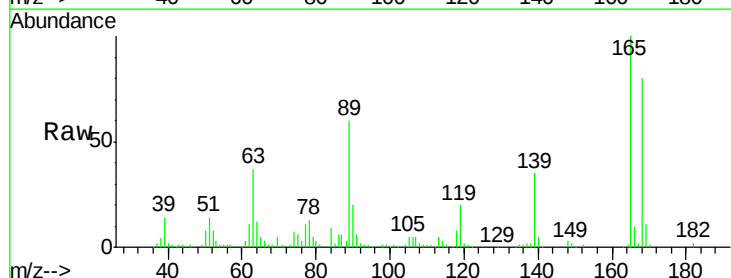
Instrument :
BNA_F
ClientSampleId :
PB81756BS

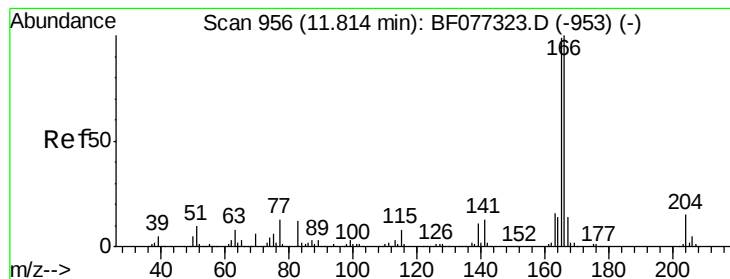
Tgt Ion:139 Resp: 129645
Ion Ratio Lower Upper
139 100
109 60.2 47.5 87.5
65 73.0 67.8 107.8



#56
2,4-Dinitrotoluene
Concen: 51.95 ng
RT: 11.36 min Scan# 916
Delta R.T. -0.02 min
Lab File: BF077367.D
Acq: 18 Feb 2015 22:24

Tgt Ion:165 Resp: 92083
Ion Ratio Lower Upper
165 100
63 37.1 31.6 47.4
89 60.2 48.1 72.1
182 2.4 1.9 2.9





#57

Fluorene

Concen: 42.39 ng

RT: 11.79 min Scan# 954

Delta R.T. -0.02 min

Lab File: BF077367.D

Acq: 18 Feb 2015 22:24

Instrument :

BNA_F

ClientSampleId :

PB81756BS

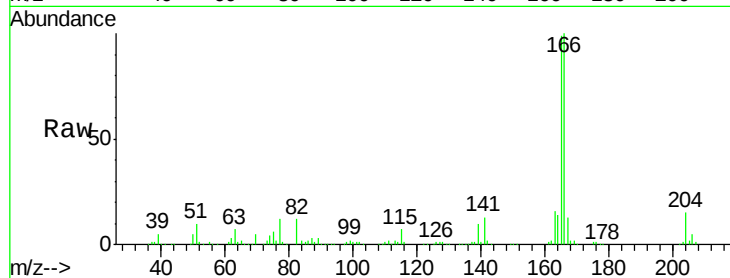
Tgt Ion:166 Resp: 323670

Ion Ratio Lower Upper

166 100

165 99.1 79.2 118.8

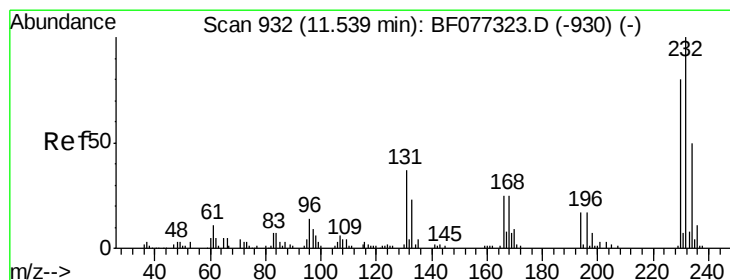
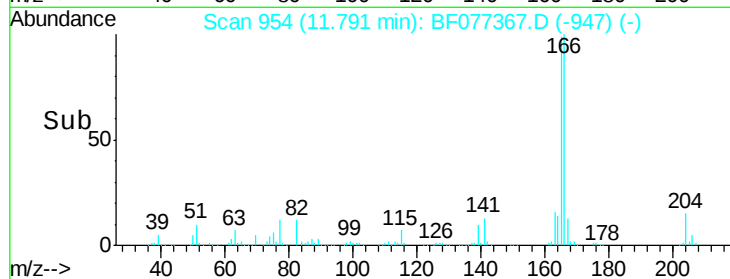
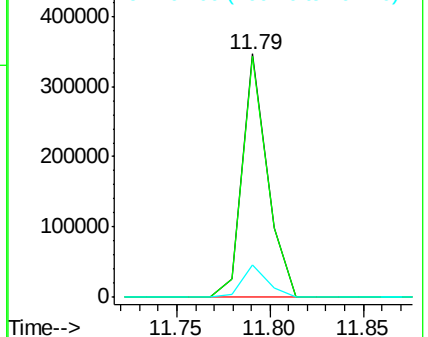
167 13.4 11.0 16.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.62 ng

RT: 11.52 min Scan# 930

Delta R.T. -0.02 min

Lab File: BF077367.D

Acq: 18 Feb 2015 22:24

Tgt Ion:232 Resp: 71082

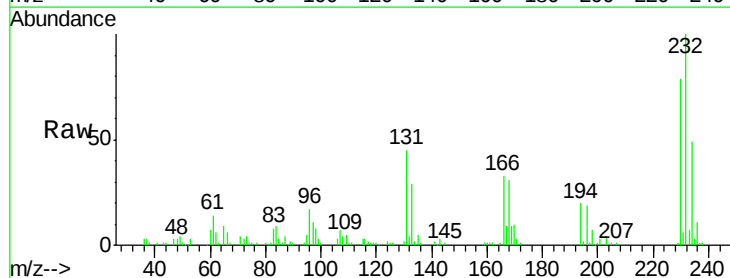
Ion Ratio Lower Upper

232 100

131 50.7 37.5 56.3

130 2.2 1.7 2.5

166 34.0 24.0 36.0

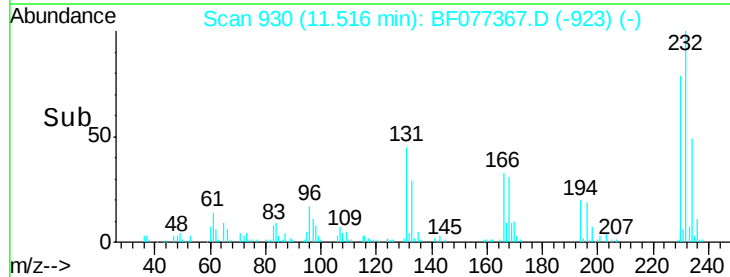
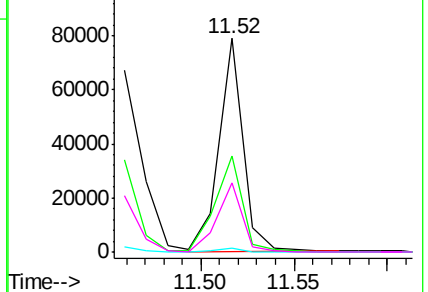


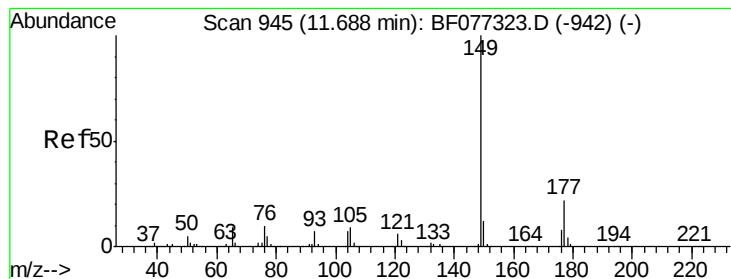
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 44.45 ng

RT: 11.66 min Scan# 943

Delta R.T. -0.02 min

Lab File: BF077367.D

Acq: 18 Feb 2015 22:24

Instrument :

BNA_F

ClientSampleId :

PB81756BS

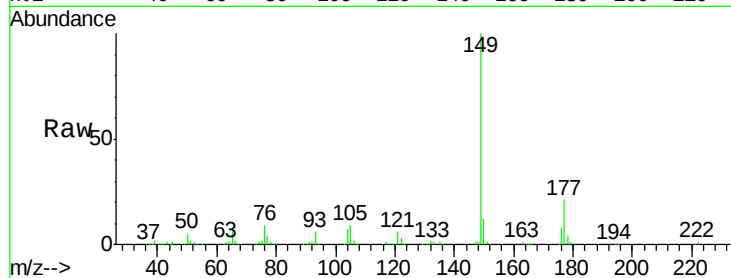
Tgt Ion:149 Resp: 352463

Ion Ratio Lower Upper

149 100

177 21.3 17.5 26.3

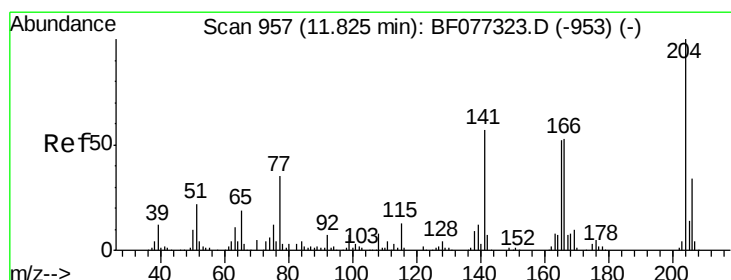
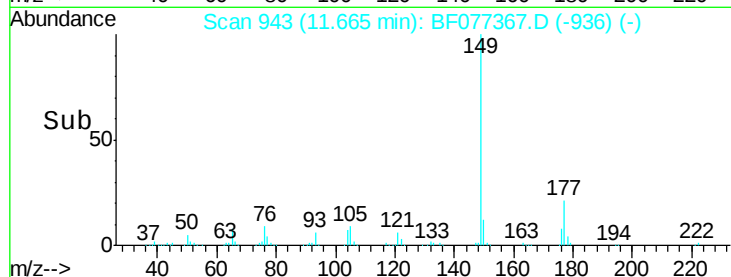
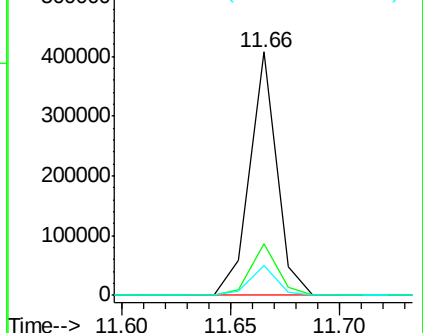
150 12.3 9.9 14.9



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: 41.05 ng

RT: 11.80 min Scan# 955

Delta R.T. -0.02 min

Lab File: BF077367.D

Acq: 18 Feb 2015 22:24

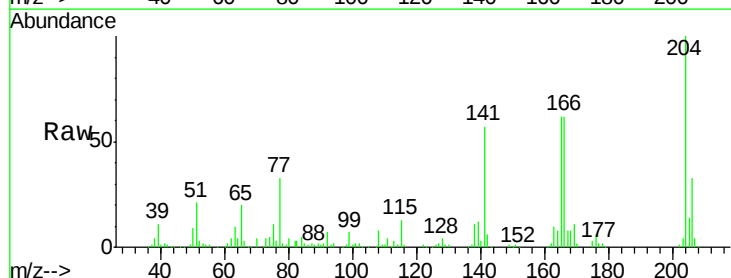
Tgt Ion:204 Resp: 152480

Ion Ratio Lower Upper

204 100

206 32.9 26.8 40.2

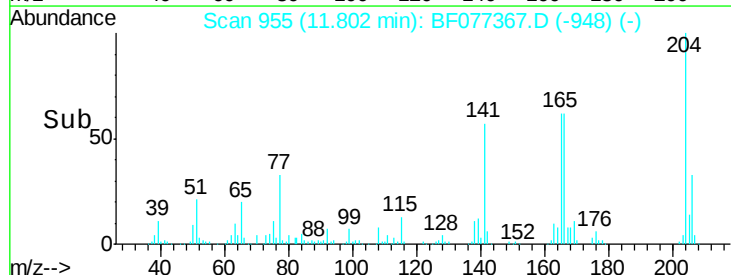
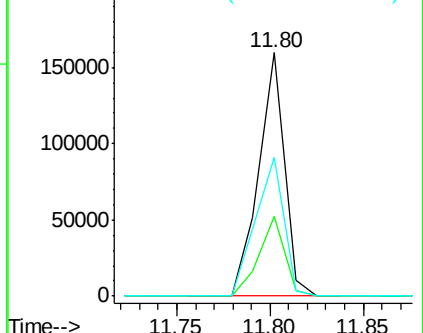
141 57.0 45.3 67.9

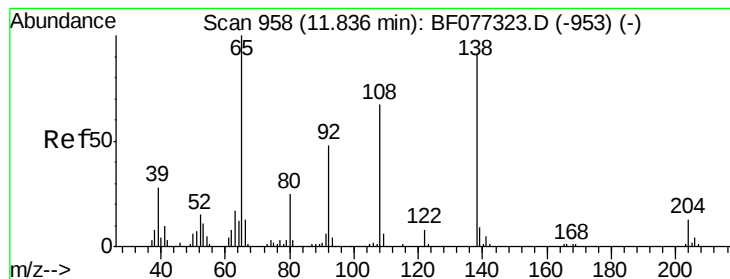


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 42.46 ng

RT: 11.81 min Scan# 956

Delta R.T. -0.02 min

Lab File: BF077367.D

Acq: 18 Feb 2015 22:24

Instrument :

BNA_F

ClientSampleId :

PB81756BS

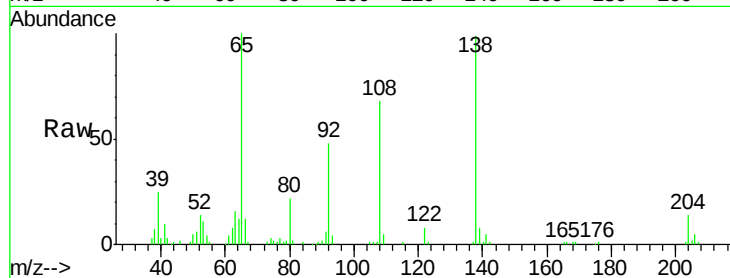
Tgt Ion:138 Resp: 68604

Ion Ratio Lower Upper

138 100

92 48.2 32.7 72.7

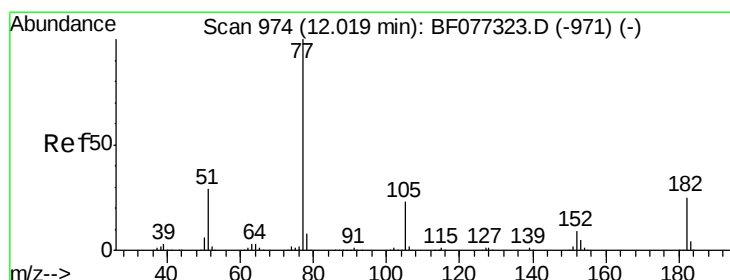
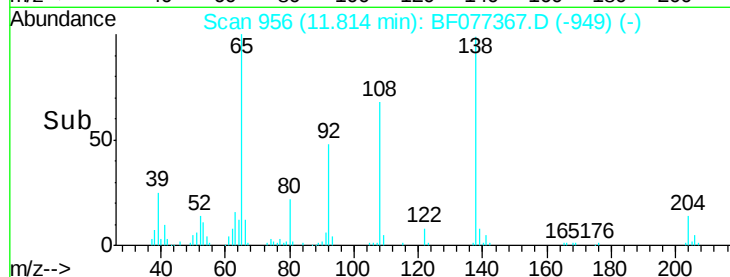
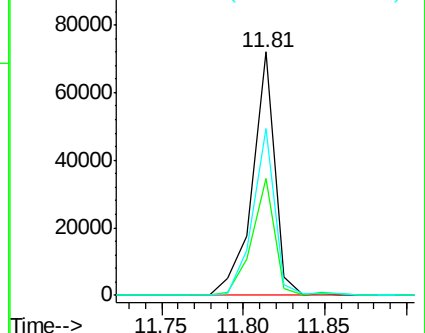
108 68.3 53.9 93.9



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: 40.54 ng

RT: 12.00 min Scan# 972

Delta R.T. -0.02 min

Lab File: BF077367.D

Acq: 18 Feb 2015 22:24

Tgt Ion: 77 Resp: 318429

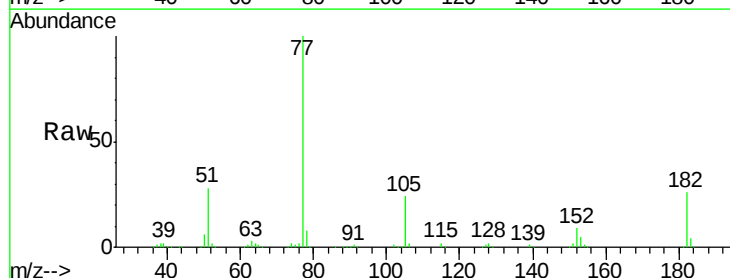
Ion Ratio Lower Upper

77 100

182 25.8 5.0 45.0

105 23.5 3.3 43.3

51 27.5 9.1 49.1

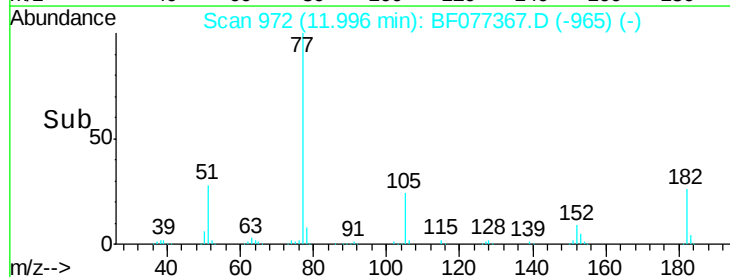
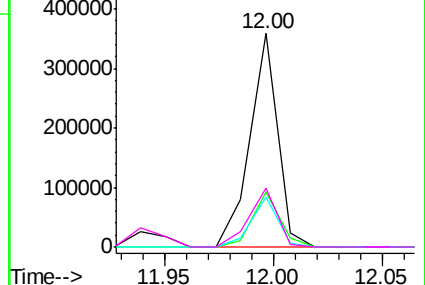


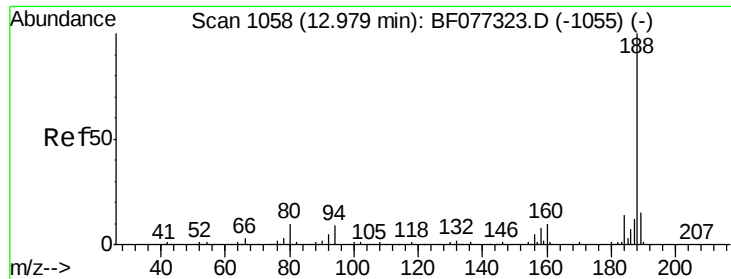
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

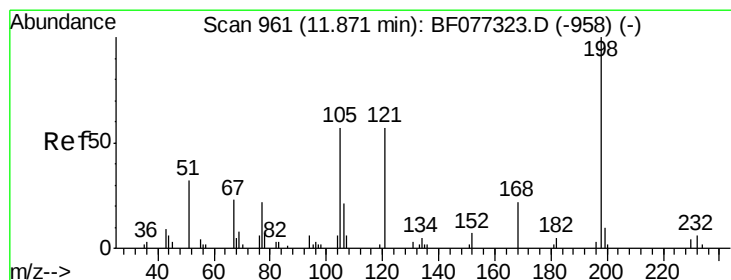
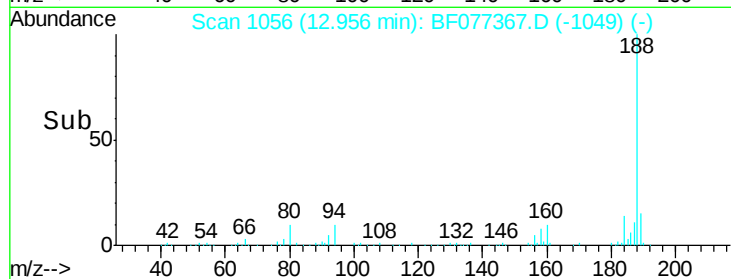
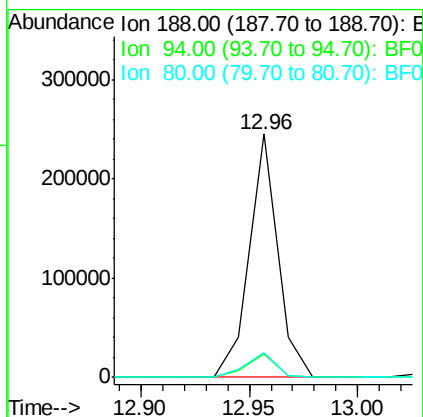
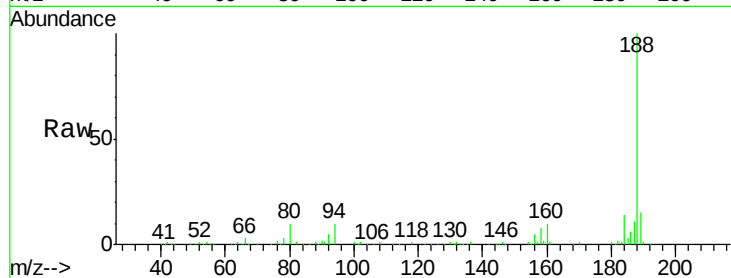




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.96 min Scan# 1056
Delta R.T. -0.02 min
Lab File: BF077367.D
Acq: 18 Feb 2015 22:24

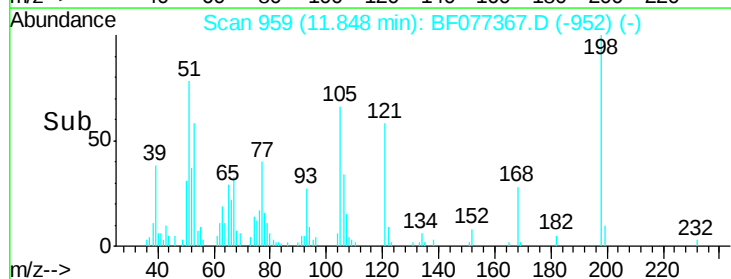
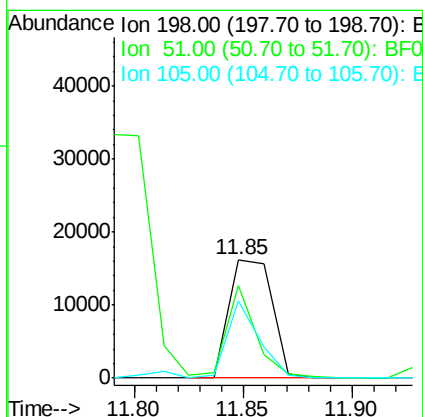
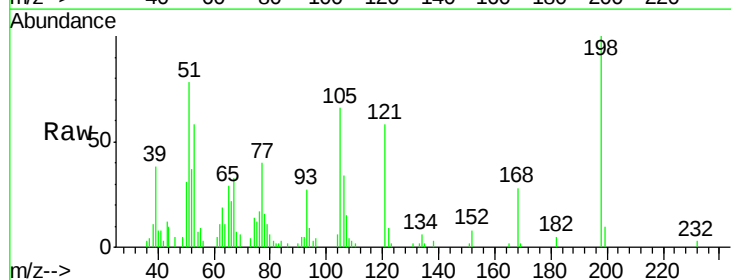
Instrument :
BNA_F
ClientSampleId :
PB81756BS

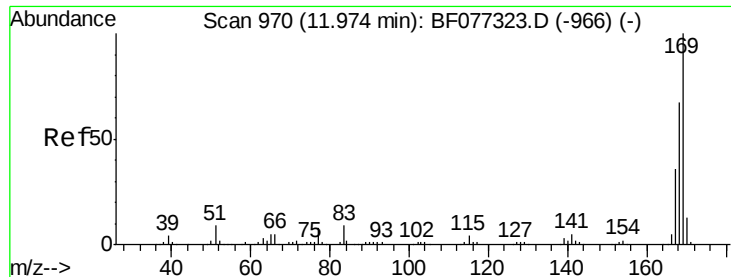
Tgt Ion:188 Resp: 223860
Ion Ratio Lower Upper
188 100
94 9.6 7.2 10.8
80 10.2 7.8 11.8



#64
4,6-Dinitro-2-methylphenol
Concen: 53.71 ng
RT: 11.85 min Scan# 959
Delta R.T. -0.02 min
Lab File: BF077367.D
Acq: 18 Feb 2015 22:24

Tgt Ion:198 Resp: 22205
Ion Ratio Lower Upper
198 100
51 77.8 54.6 94.6
105 65.8 45.4 85.4

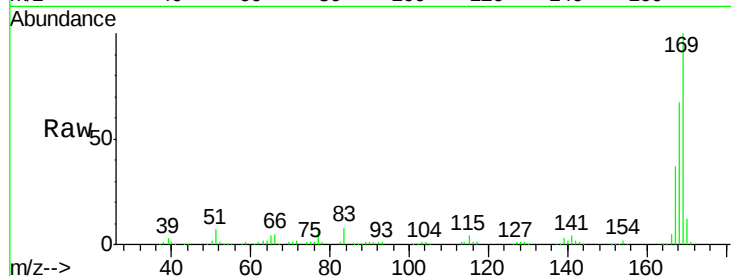




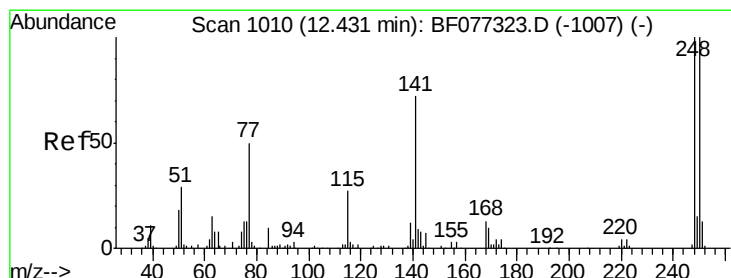
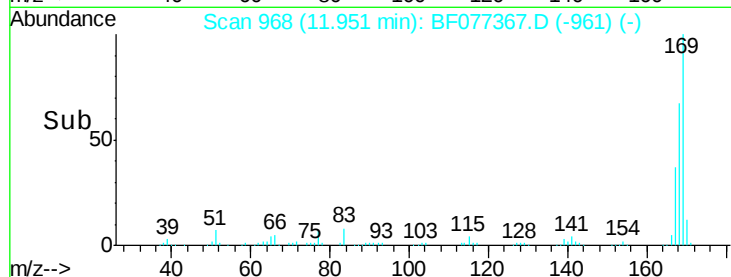
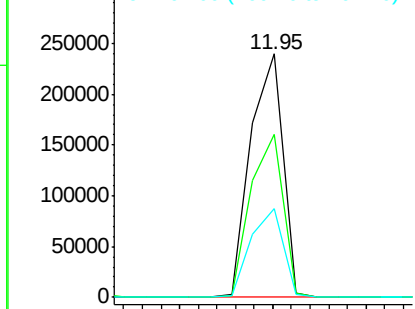
#65
 n-Nitrosodiphenylamine
 Concen: 39.28 ng
 RT: 11.95 min Scan# 968
 Delta R.T. -0.02 min
 Lab File: BF077367.D
 Acq: 18 Feb 2015 22:24

Instrument :
 BNA_F
 ClientSampleId :
 PB81756BS

Tgt Ion:169 Resp: 286789
 Ion Ratio Lower Upper
 169 100
 168 66.8 53.4 80.0
 167 36.7 29.1 43.7

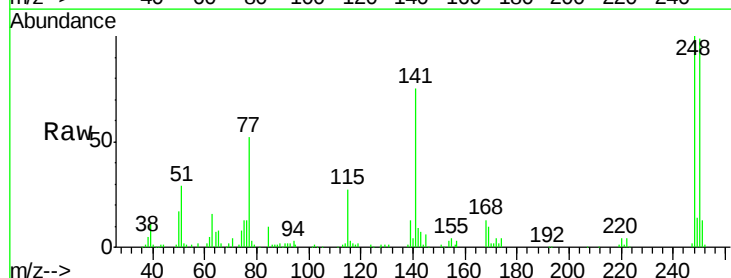


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

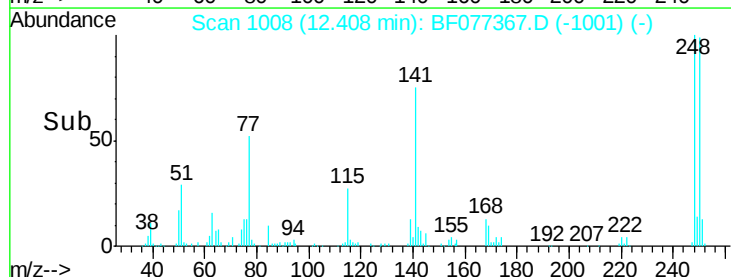
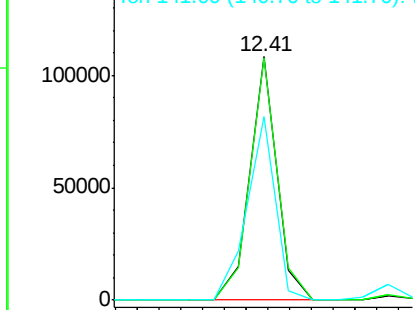


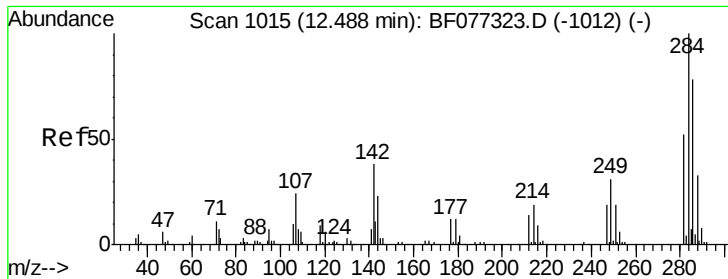
#66
 4-Bromophenyl-phenylether
 Concen: 37.65 ng
 RT: 12.41 min Scan# 1008
 Delta R.T. -0.02 min
 Lab File: BF077367.D
 Acq: 18 Feb 2015 22:24

Tgt Ion:248 Resp: 93961
 Ion Ratio Lower Upper
 248 100
 250 99.3 80.2 120.4
 141 75.1 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

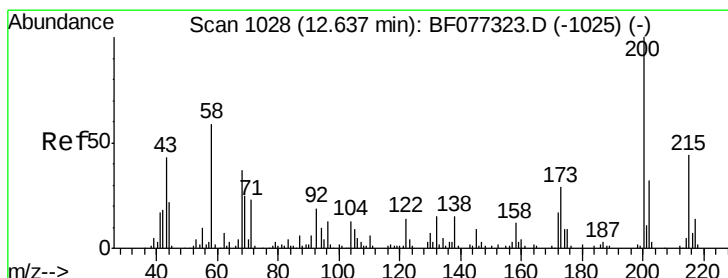
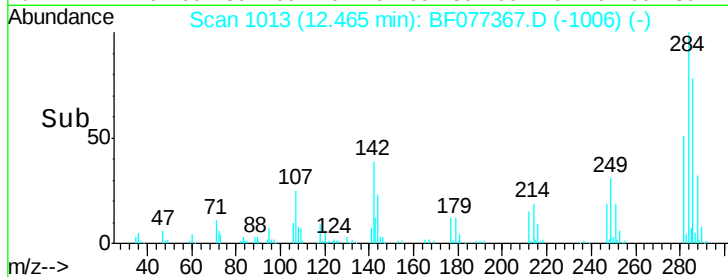
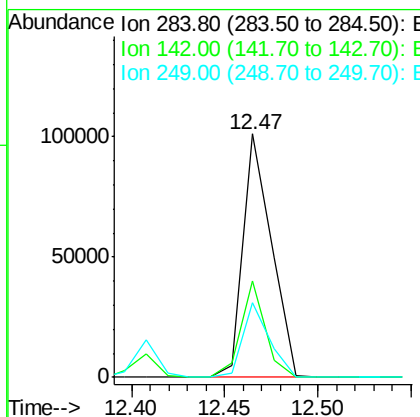
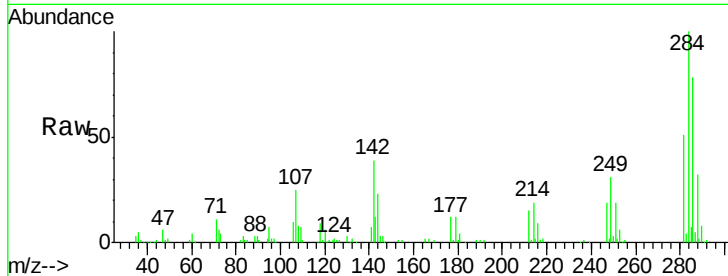




#67
Hexachlorobenzene
Concen: 37.87 ng
RT: 12.47 min Scan# 1013
Delta R.T. -0.02 min
Lab File: BF077367.D
Acq: 18 Feb 2015 22:24

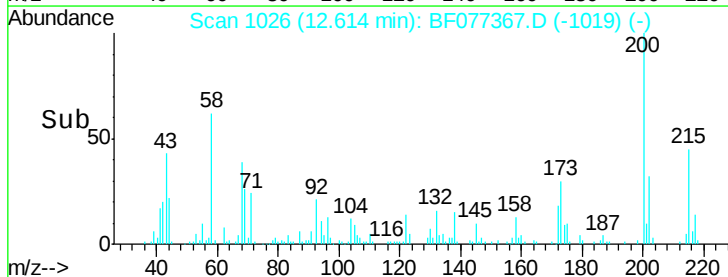
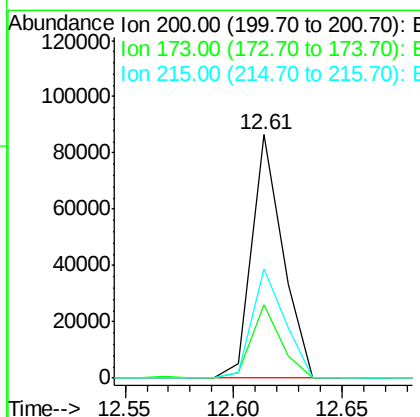
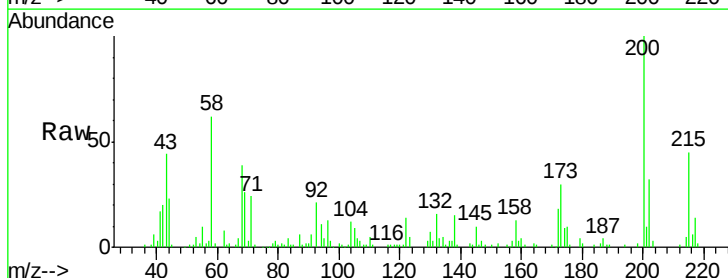
Instrument :
BNA_F
ClientSampleId :
PB81756BS

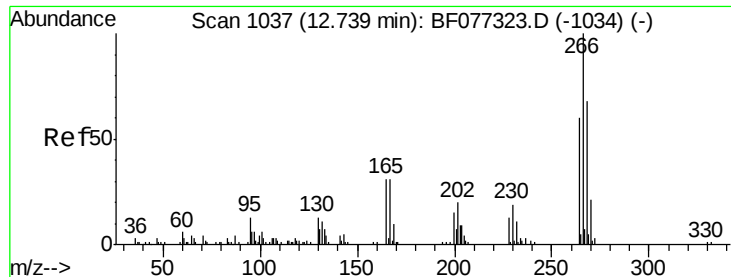
Tgt Ion:284 Resp: 107215
Ion Ratio Lower Upper
284 100
142 39.4 30.8 46.2
249 30.7 24.6 36.8



#68
Atrazine
Concen: 39.34 ng
RT: 12.61 min Scan# 1026
Delta R.T. -0.02 min
Lab File: BF077367.D
Acq: 18 Feb 2015 22:24

Tgt Ion:200 Resp: 85862
Ion Ratio Lower Upper
200 100
173 30.1 9.2 49.2
215 44.7 23.8 63.8

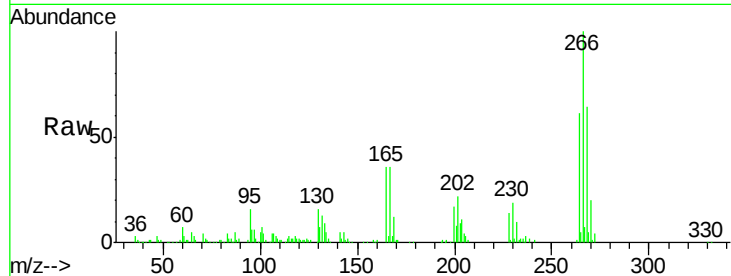




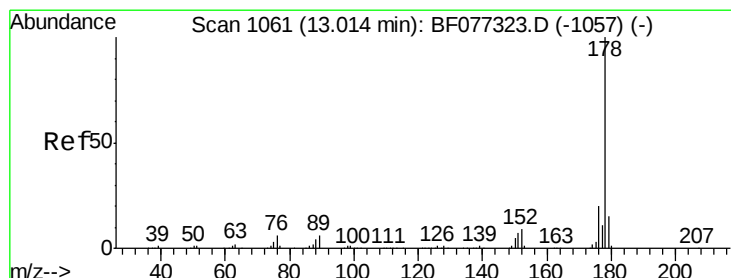
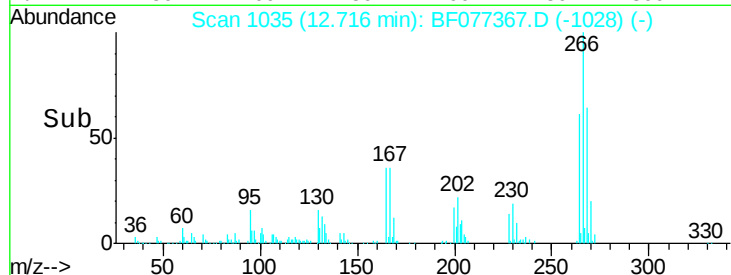
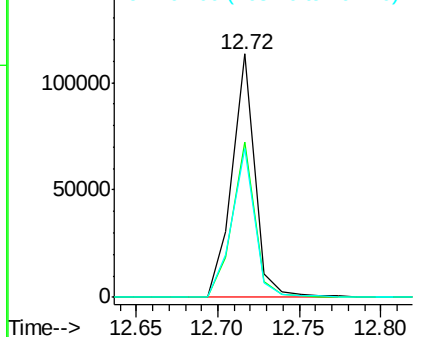
#69
 Pentachlorophenol
 Concen: 108.57 ng
 RT: 12.72 min Scan# 1035
 Delta R.T. -0.02 min
 Lab File: BF077367.D
 Acq: 18 Feb 2015 22:24

Instrument :
 BNA_F
 ClientSampleId :
 PB81756BS

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.0	54.0	81.0
264	61.3	48.2	72.2

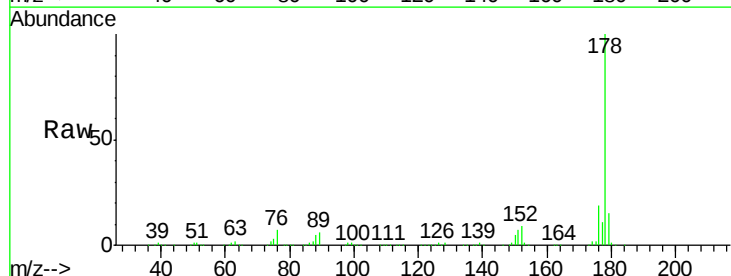


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

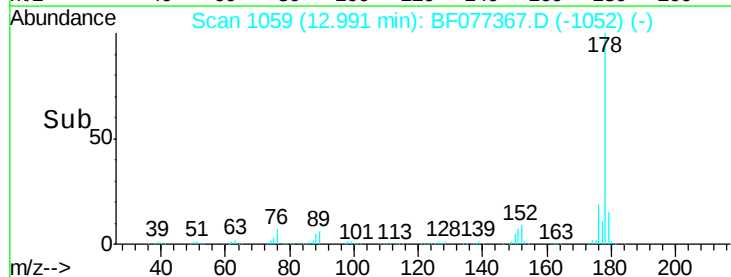
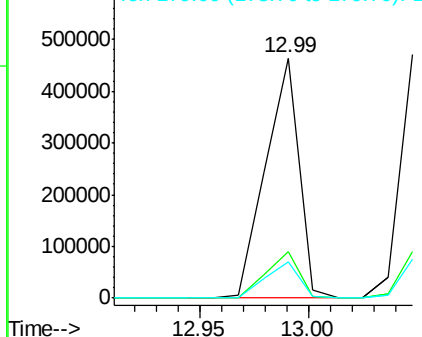


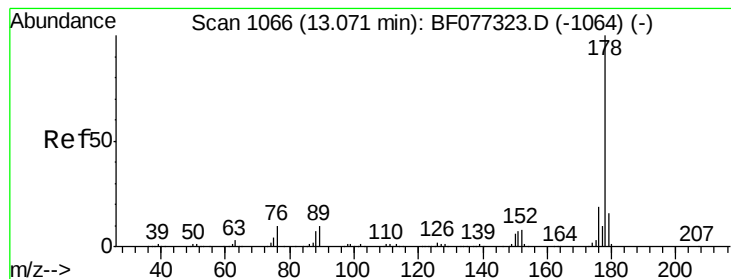
#70
 Phenanthrene
 Concen: 38.37 ng
 RT: 12.99 min Scan# 1059
 Delta R.T. -0.02 min
 Lab File: BF077367.D
 Acq: 18 Feb 2015 22:24

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.6	23.4
179	15.1	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: 37.02 ng

RT: 13.05 min Scan# 1064

Delta R.T. -0.02 min

Lab File: BF077367.D

Acq: 18 Feb 2015 22:24

Instrument :

BNA_F

ClientSampleId :

PB81756BS

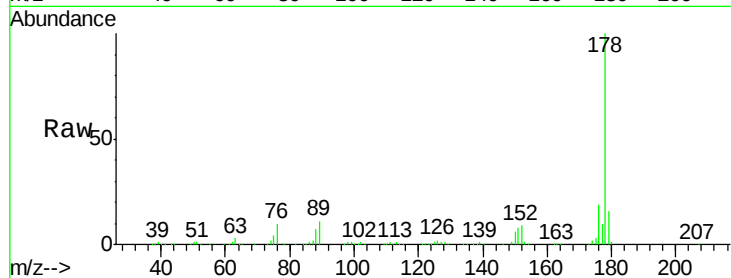
Tgt Ion:178 Resp: 478854

Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

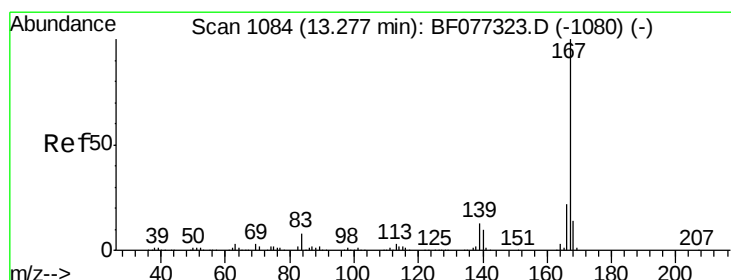
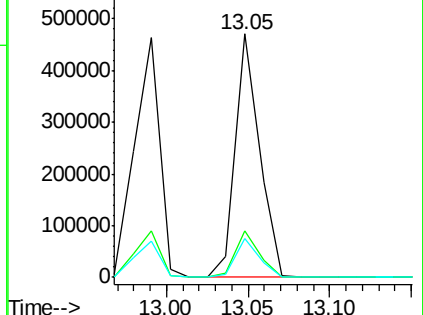
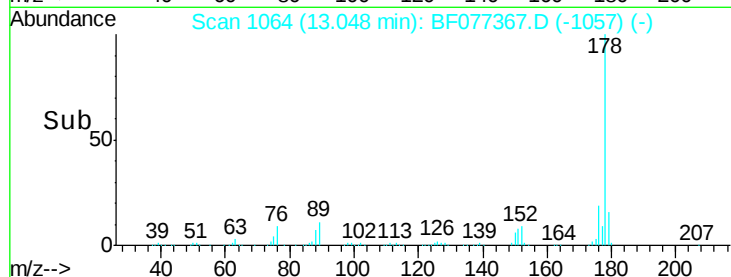
179 15.9 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 41.44 ng

RT: 13.25 min Scan# 1082

Delta R.T. -0.02 min

Lab File: BF077367.D

Acq: 18 Feb 2015 22:24

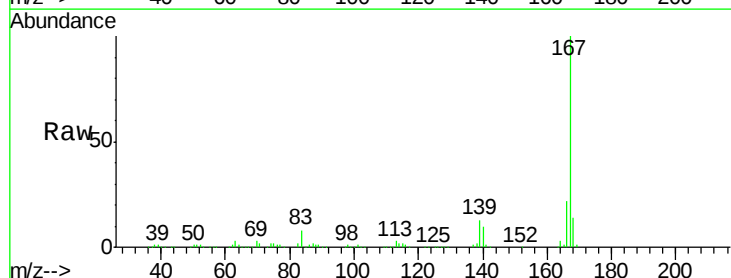
Tgt Ion:167 Resp: 471301

Ion Ratio Lower Upper

167 100

166 21.6 17.4 26.2

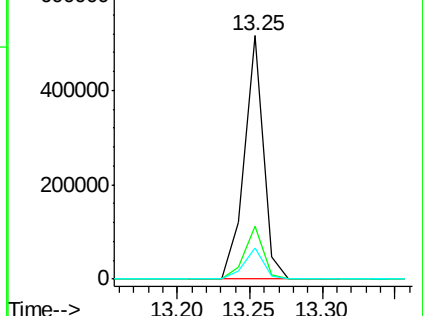
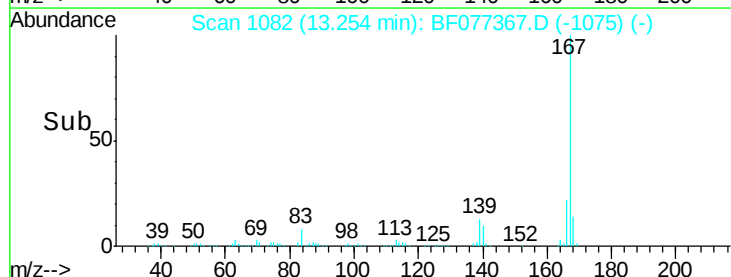
139 12.7 10.6 15.8

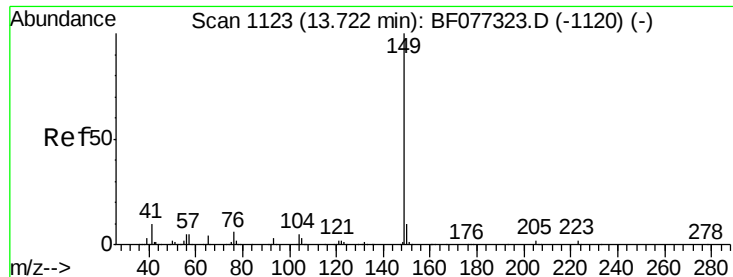


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

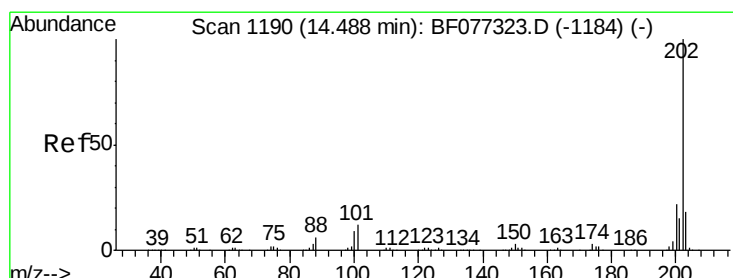
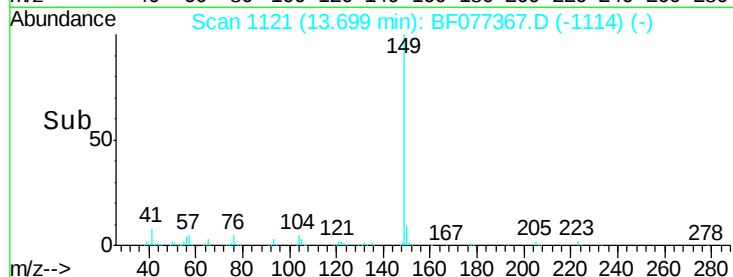
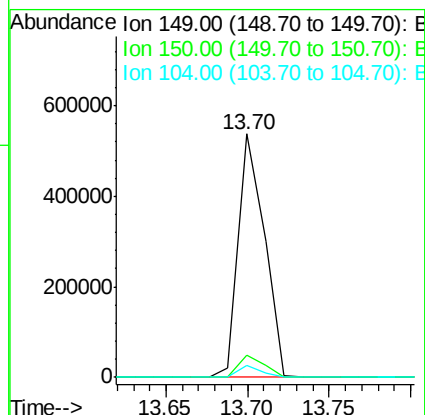
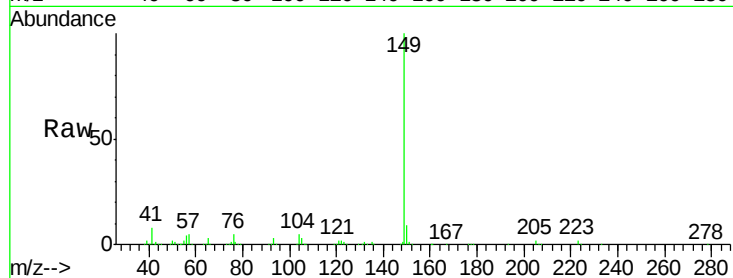




#73
Di-n-butylphthalate
Concen: 42.26 ng
RT: 13.70 min Scan# 1121
Delta R.T. -0.02 min
Lab File: BF077367.D
Acq: 18 Feb 2015 22:24

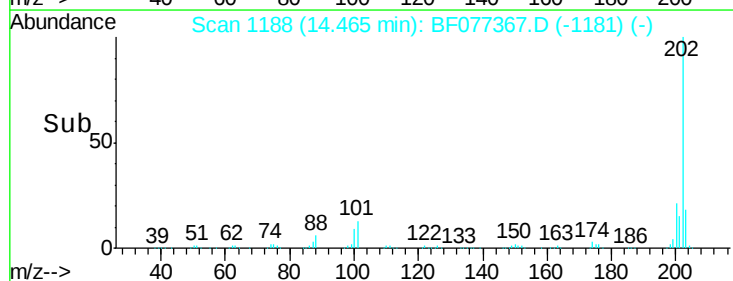
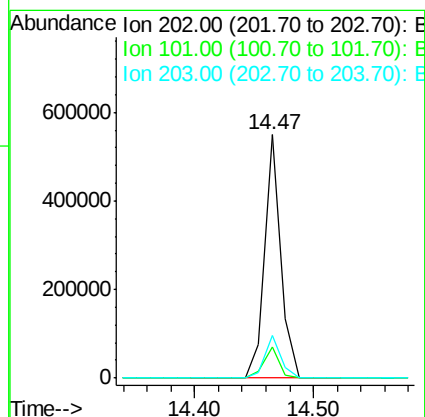
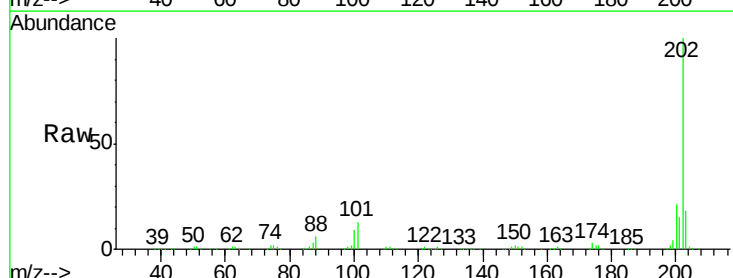
Instrument :
BNA_F
ClientSampleId :
PB81756BS

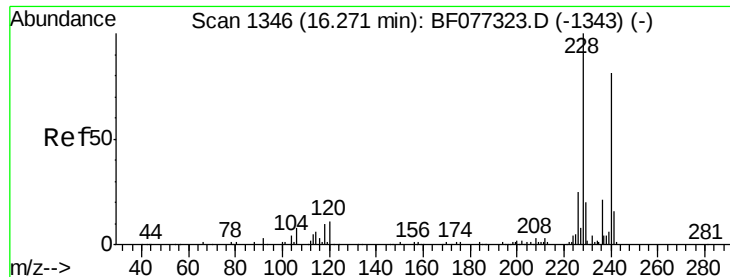
Tgt Ion:149 Resp: 591642
Ion Ratio Lower Upper
149 100
150 9.3 7.7 11.5
104 5.0 4.3 6.5



#74
Fluoranthene
Concen: 40.00 ng
RT: 14.47 min Scan# 1188
Delta R.T. -0.02 min
Lab File: BF077367.D
Acq: 18 Feb 2015 22:24

Tgt Ion:202 Resp: 525402
Ion Ratio Lower Upper
202 100
101 12.7 0.0 32.4
203 17.6 0.0 37.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.26 min Scan# 1345

Delta R.T. -0.01 min

Lab File: BF077367.D

Acq: 18 Feb 2015 22:24

Instrument :

BNA_F

ClientSampleId :

PB81756BS

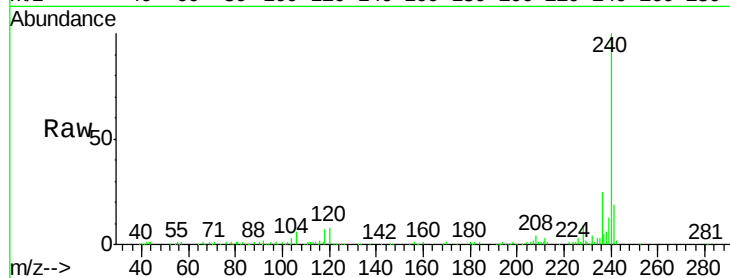
Tgt Ion:240 Resp: 213788

Ion Ratio Lower Upper

240 100

120 8.0 11.3 16.9#

236 25.2 20.3 30.5

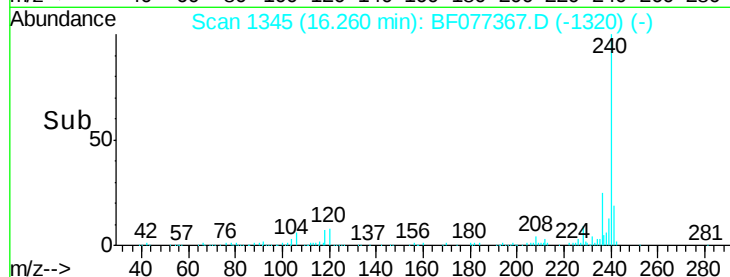


Abundance Ion 240.00 (239.70 to 240.70): E

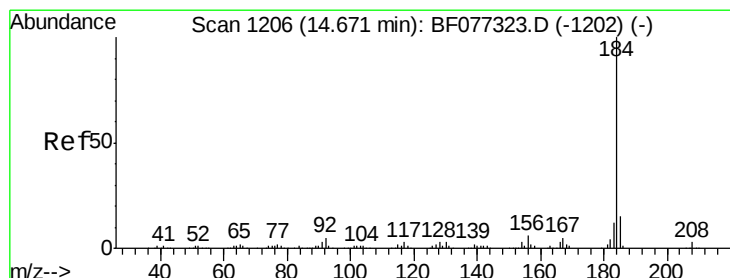
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

16.26



Time-->



#76

Benzidine

Concen: 25.06 ng

RT: 14.64 min Scan# 1203

Delta R.T. -0.03 min

Lab File: BF077367.D

Acq: 18 Feb 2015 22:24

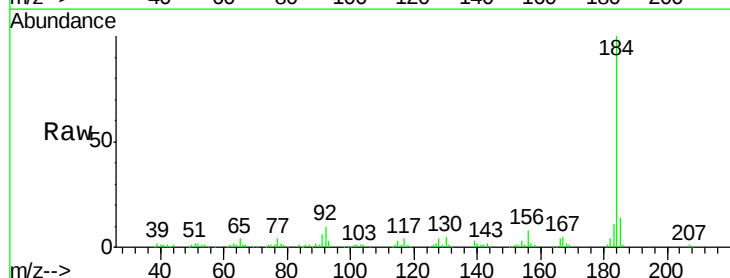
Tgt Ion:184 Resp: 164548

Ion Ratio Lower Upper

184 100

185 14.4 12.3 18.5

183 11.4 9.3 13.9

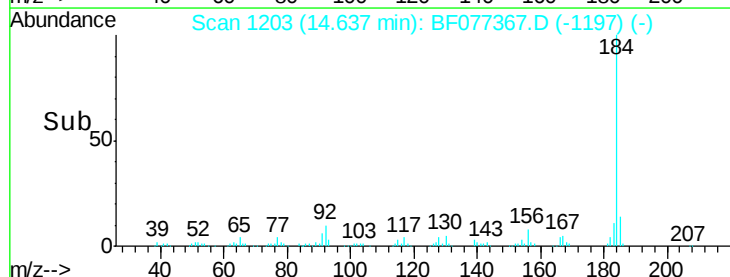


Abundance Ion 184.00 (183.70 to 184.70): E

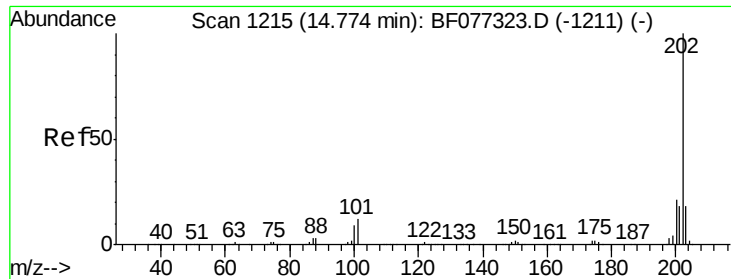
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

14.64



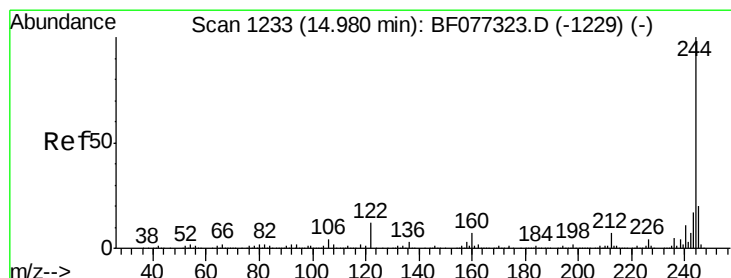
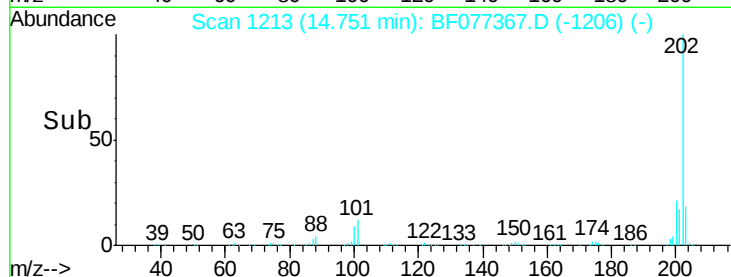
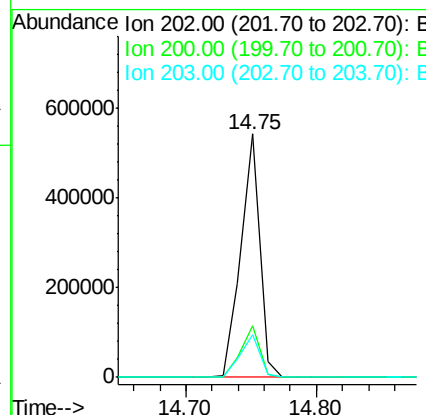
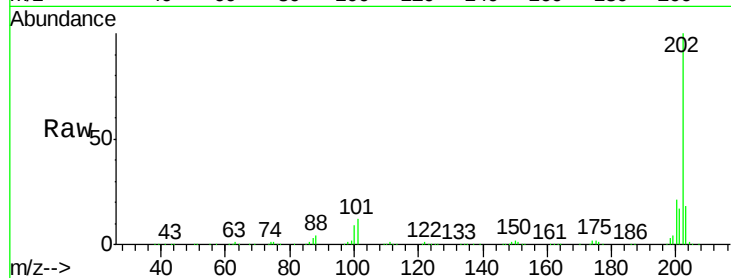
Time-->



#77
 Pyrene
 Concen: 41.29 ng
 RT: 14.75 min Scan# 1213
 Delta R.T. -0.02 min
 Lab File: BF077367.D
 Acq: 18 Feb 2015 22:24

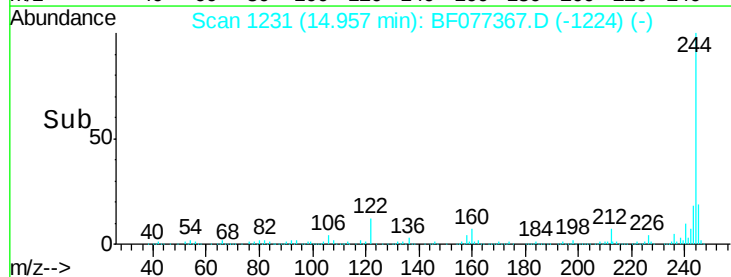
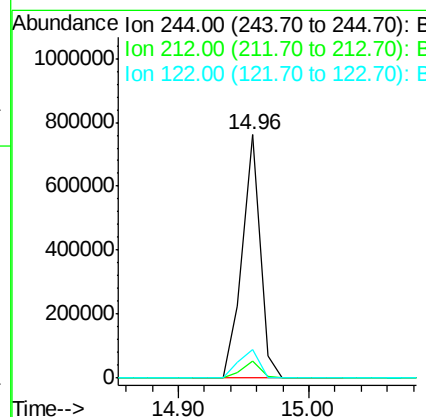
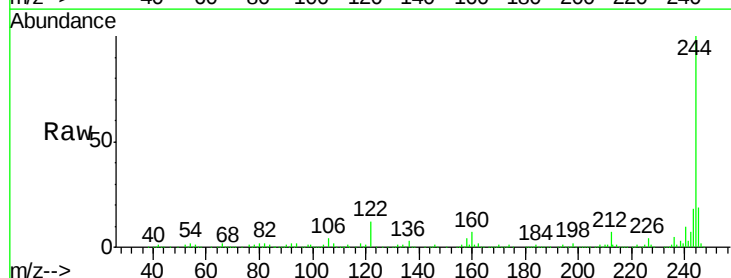
Instrument :
 BNA_F
 ClientSampleId :
 PB81756BS

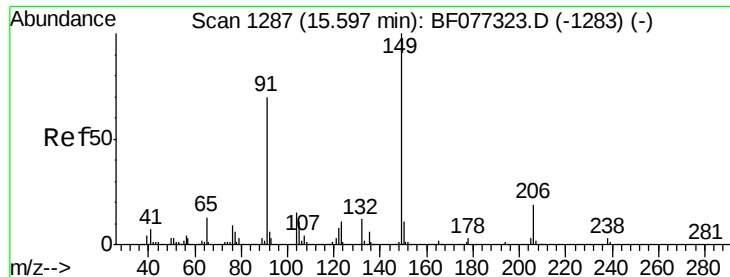
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.0	25.4
203	17.6	14.2	21.4



#78
 Terphenyl-d14
 Concen: 77.32 ng
 RT: 14.96 min Scan# 1231
 Delta R.T. -0.02 min
 Lab File: BF077367.D
 Acq: 18 Feb 2015 22:24

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	11.7	9.3	13.9





#79

Butylbenzylphthalate

Concen: 49.34 ng

RT: 15.57 min Scan# 1285

Delta R.T. -0.02 min

Lab File: BF077367.D

Acq: 18 Feb 2015 22:24

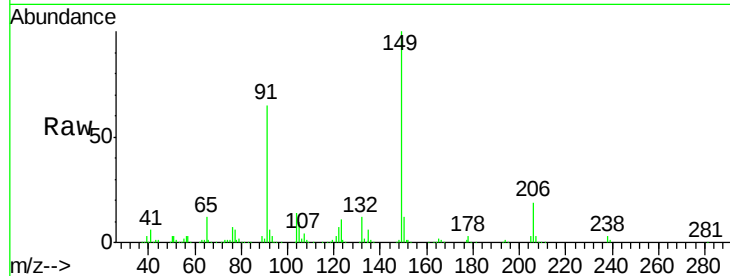
Instrument :

BNA_F

ClientSampleId :

PB81756BS

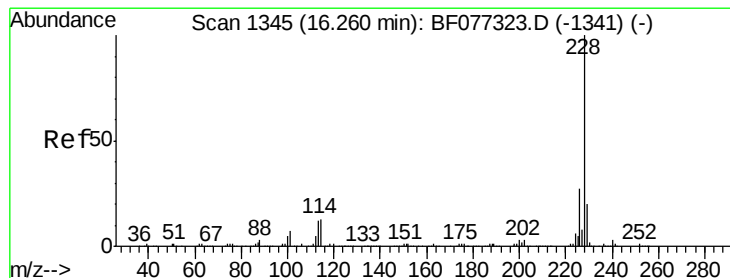
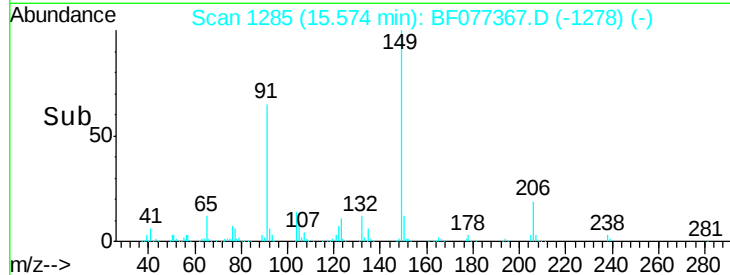
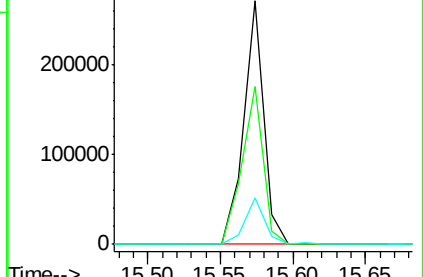
Tgt Ion:	149	Resp:	260388
Ion Ratio	Lower	Upper	
149	100		
91	65.1	55.9	83.9
206	18.9	15.4	23.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 40.44 ng

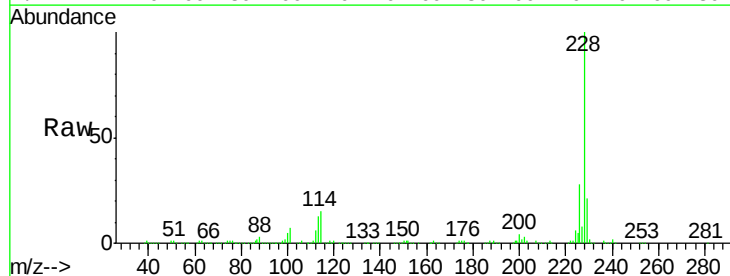
RT: 16.24 min Scan# 1343

Delta R.T. -0.02 min

Lab File: BF077367.D

Acq: 18 Feb 2015 22:24

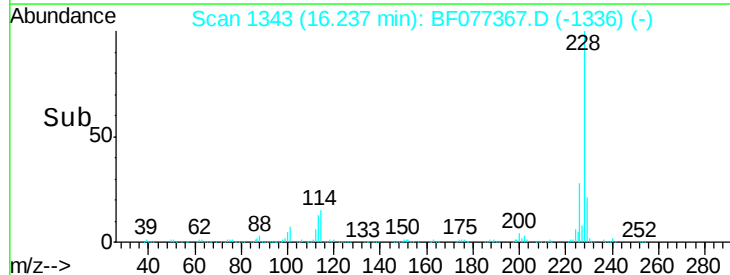
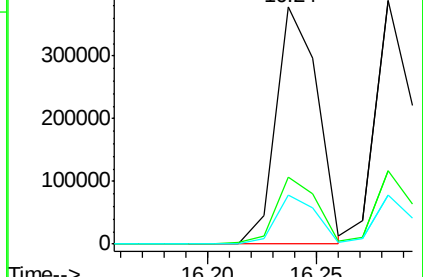
Tgt Ion:	228	Resp:	503546
Ion Ratio	Lower	Upper	
228	100		
226	28.0	21.9	32.9
229	20.7	16.1	24.1

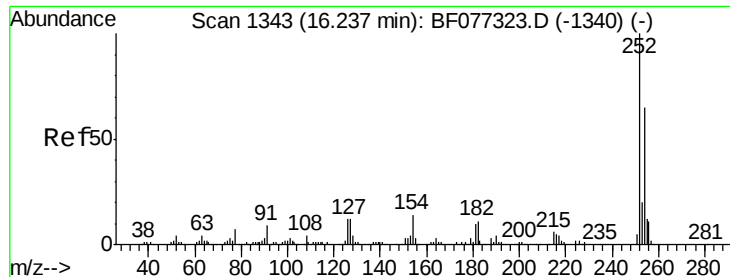


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

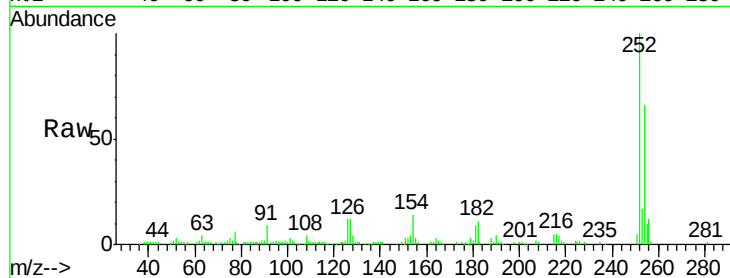




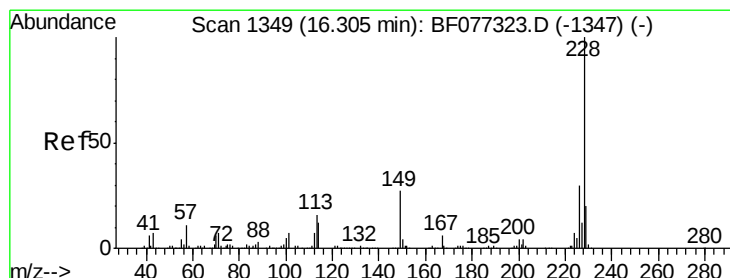
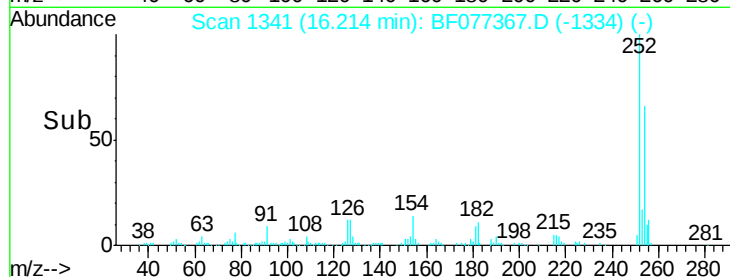
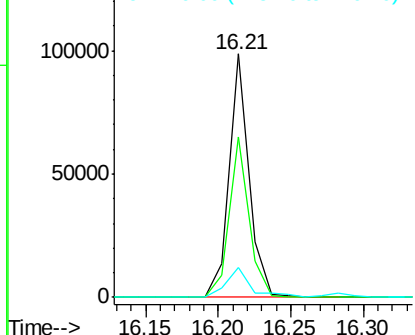
#81
 3,3'-Dichlorobenzidine
 Concen: 22.99 ng
 RT: 16.21 min Scan# 1341
 Delta R.T. -0.02 min
 Lab File: BF077367.D
 Acq: 18 Feb 2015 22:24

Instrument :
 BNA_F
 ClientSampleId :
 PB81756BS

Tgt Ion: 252 Resp: 94551
 Ion Ratio Lower Upper
 252 100
 254 65.6 52.0 78.0
 126 12.4 9.7 14.5

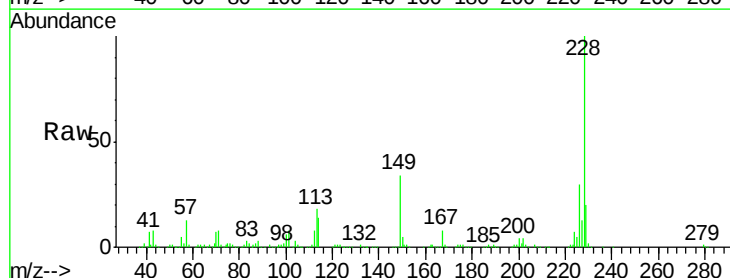


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

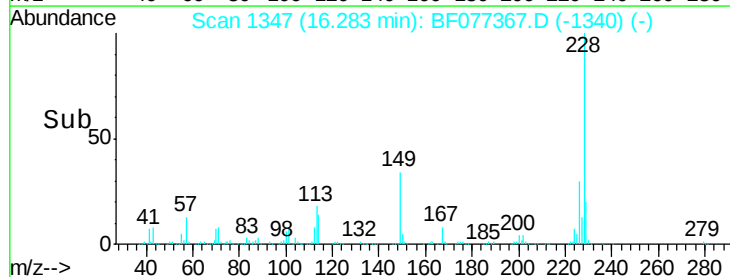
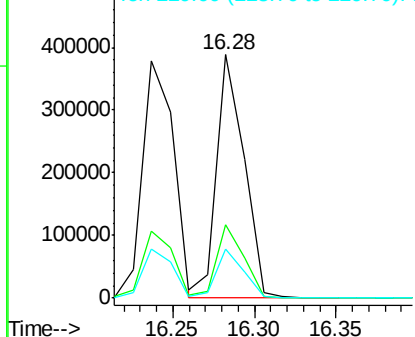


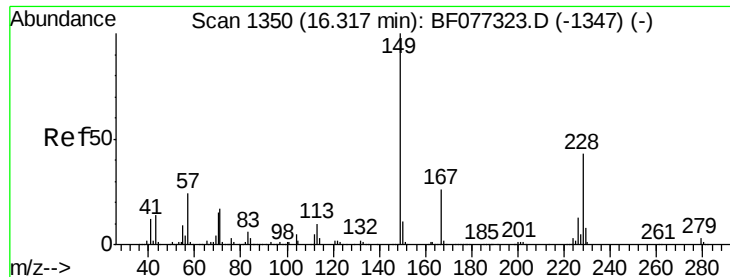
#82
 Chrysene
 Concen: 38.15 ng
 RT: 16.28 min Scan# 1347
 Delta R.T. -0.02 min
 Lab File: BF077367.D
 Acq: 18 Feb 2015 22:24

Tgt Ion: 228 Resp: 449110
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.2 36.2
 229 20.4 16.2 24.2



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

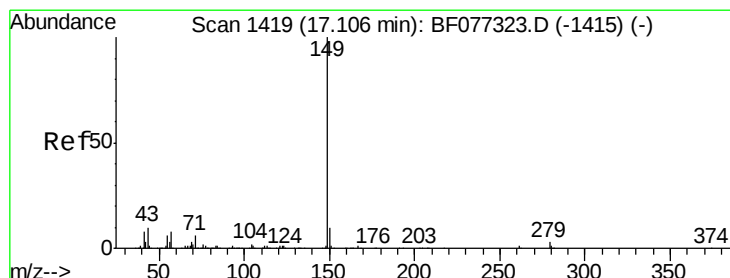
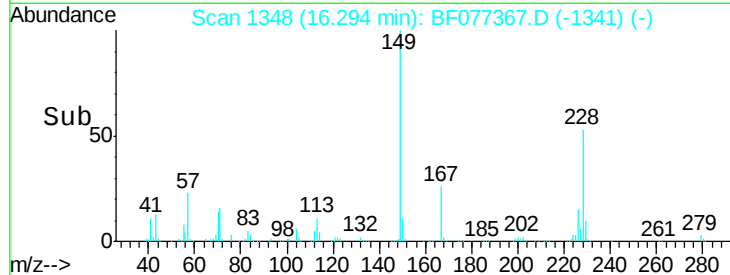
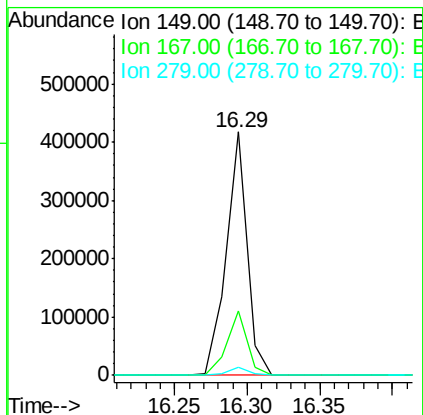
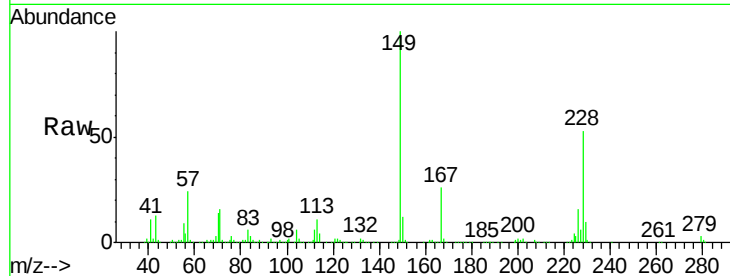




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.22 ng
 RT: 16.29 min Scan# 1348
 Delta R.T. -0.02 min
 Lab File: BF077367.D
 Acq: 18 Feb 2015 22:24

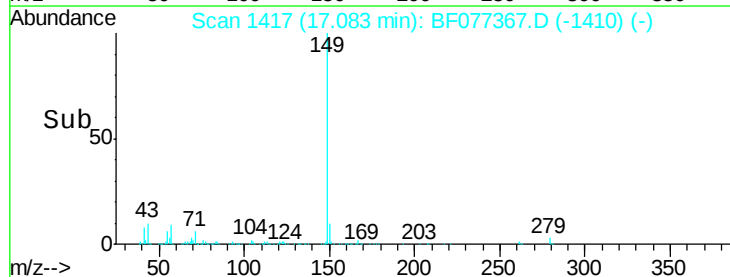
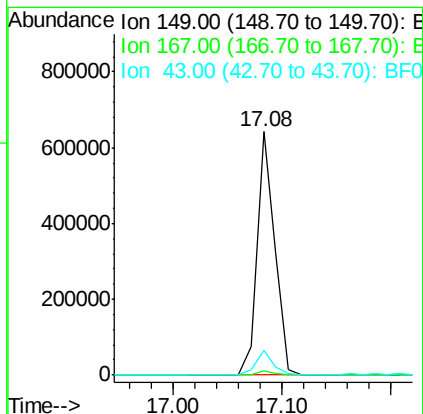
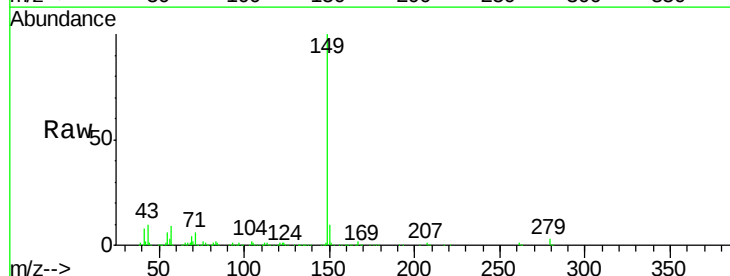
Instrument :
 BNA_F
 ClientSampleId :
 PB81756BS

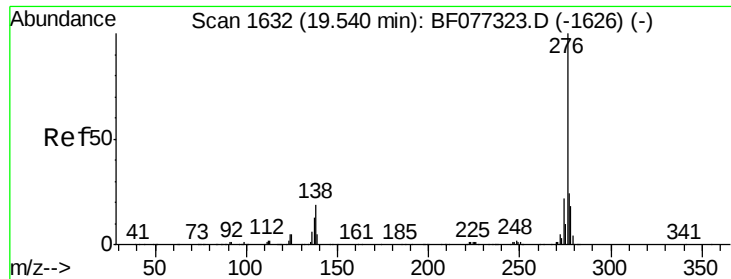
Tgt Ion:149 Resp: 415736
 Ion Ratio Lower Upper
 149 100
 167 26.3 21.0 31.6
 279 3.4 2.7 4.1



#84
 Di-n-octyl phthalate
 Concen: 50.81 ng
 RT: 17.08 min Scan# 1417
 Delta R.T. -0.02 min
 Lab File: BF077367.D
 Acq: 18 Feb 2015 22:24

Tgt Ion:149 Resp: 725249
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.1 1.7#
 43 9.6 8.7 13.1

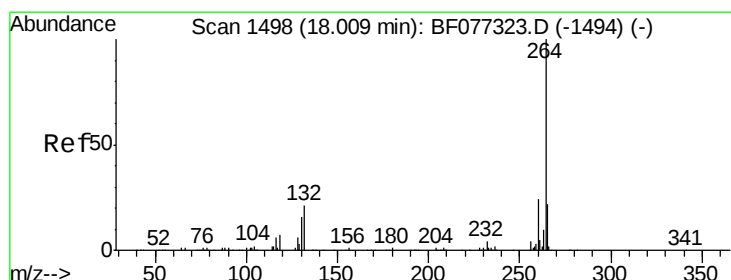
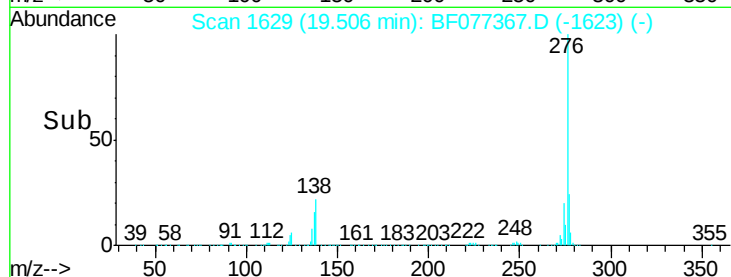
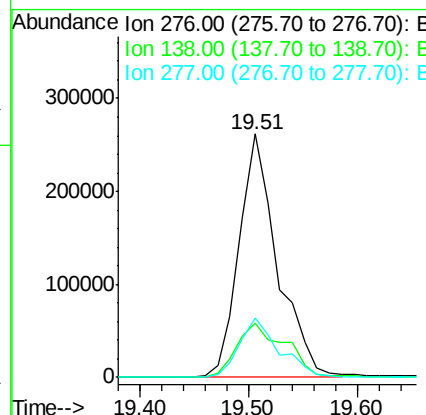
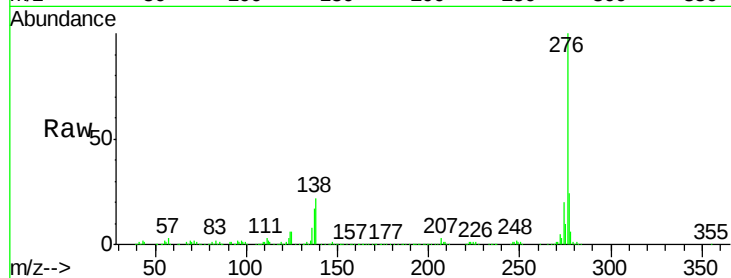




#85
Indeno(1,2,3-cd)pyrene
Concen: 47.60 ng
RT: 19.51 min Scan# 1629
Delta R.T. -0.03 min
Lab File: BF077367.D
Acq: 18 Feb 2015 22:24

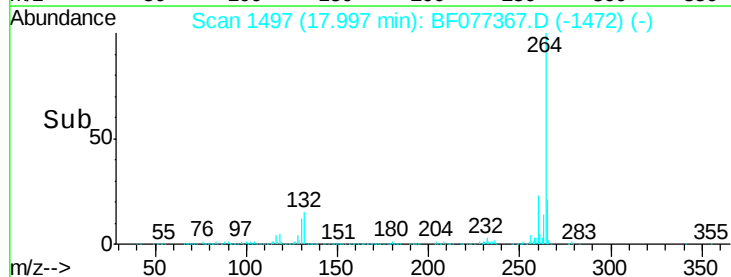
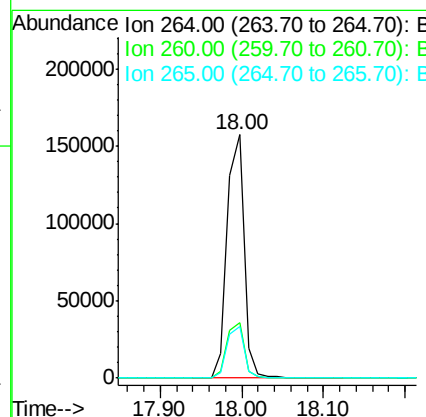
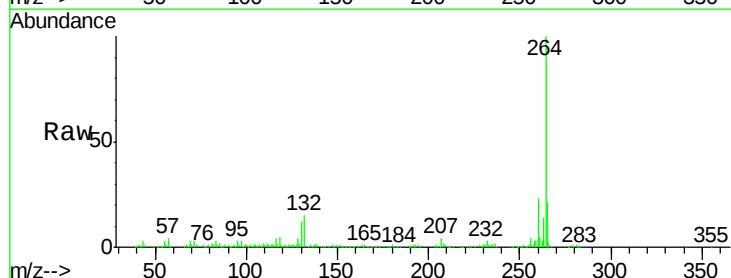
Instrument :
BNA_F
ClientSampleId :
PB81756BS

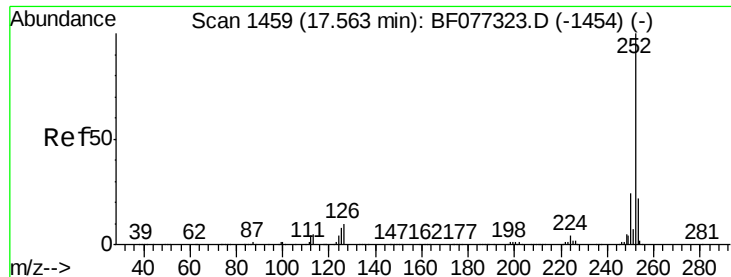
Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.6	20.2	30.2
277	25.3	20.2	30.2



#86
Perylene-d12
Concen: 20.00 ng
RT: 18.00 min Scan# 1497
Delta R.T. -0.01 min
Lab File: BF077367.D
Acq: 18 Feb 2015 22:24

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.9	28.3
265	21.3	17.7	26.5

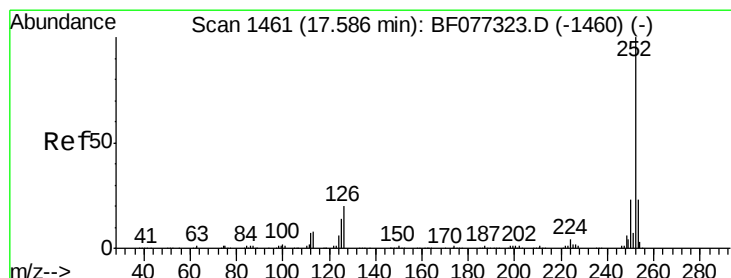
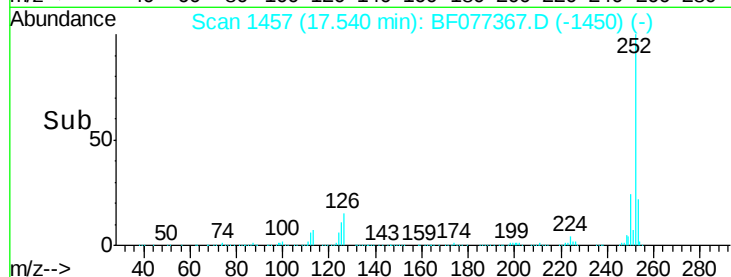
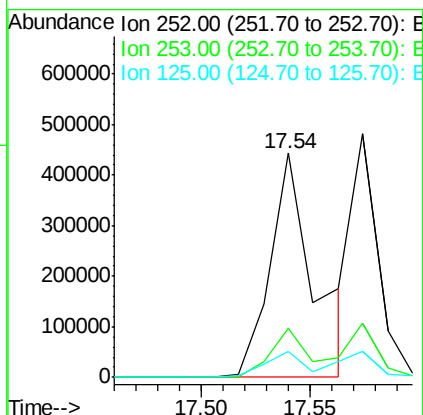
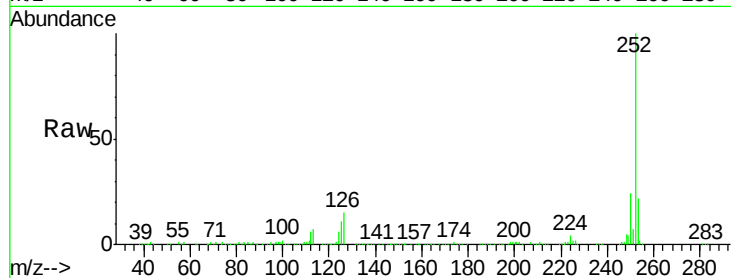




#87
Benzo(b)fluoranthene
Concen: 43.03 ng
RT: 17.54 min Scan# 1457
Delta R.T. -0.02 min
Lab File: BF077367.D
Acq: 18 Feb 2015 22:24

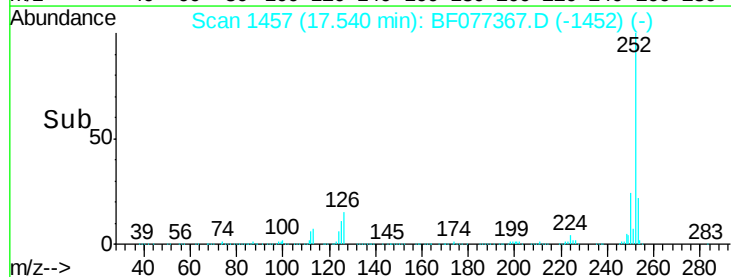
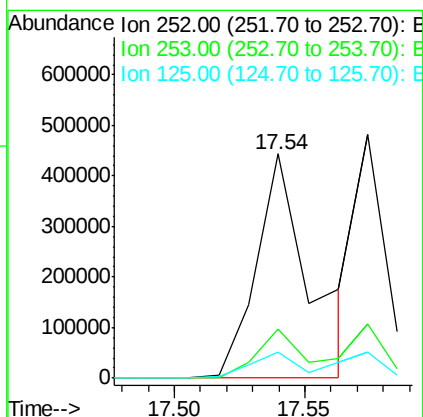
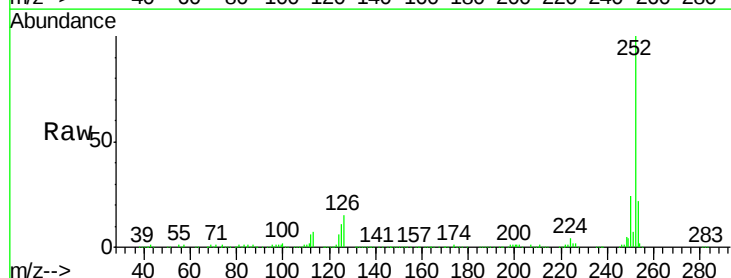
Instrument :
BNA_F
ClientSampleId :
PB81756BS

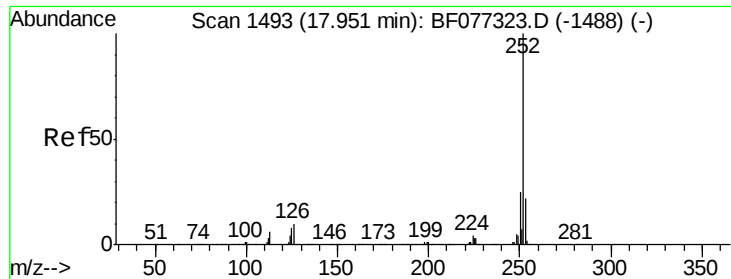
Tgt Ion:252 Resp: 629748
Ion Ratio Lower Upper
252 100
253 22.1 17.3 25.9
125 11.3 6.1 9.1#



#88
Benzo(k)fluoranthene
Concen: 52.09 ng
RT: 17.54 min Scan# 1457
Delta R.T. -0.05 min
Lab File: BF077367.D
Acq: 18 Feb 2015 22:24

Tgt Ion:252 Resp: 629687
Ion Ratio Lower Upper
252 100
253 22.1 18.0 27.0
125 11.3 11.0 16.4

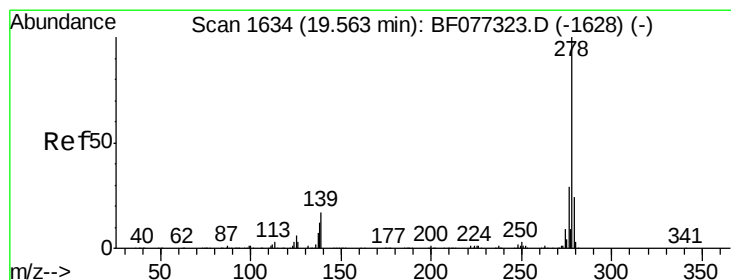
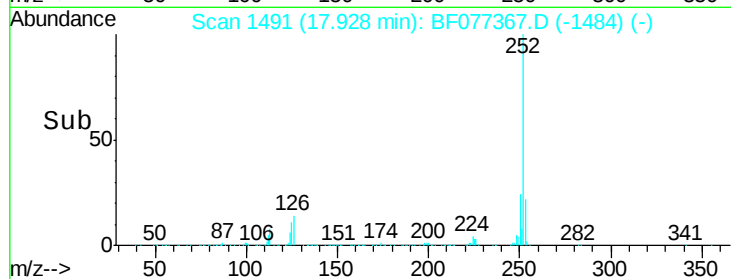
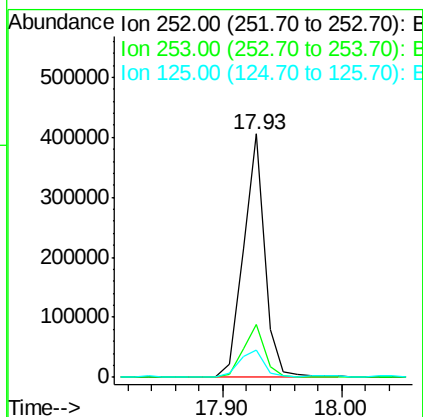
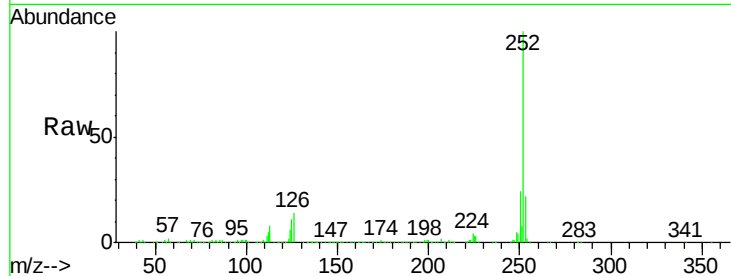




#89
Benzo(a)pyrene
Concen: 39.96 ng
RT: 17.93 min Scan# 1491
Delta R.T. -0.02 min
Lab File: BF077367.D
Acq: 18 Feb 2015 22:24

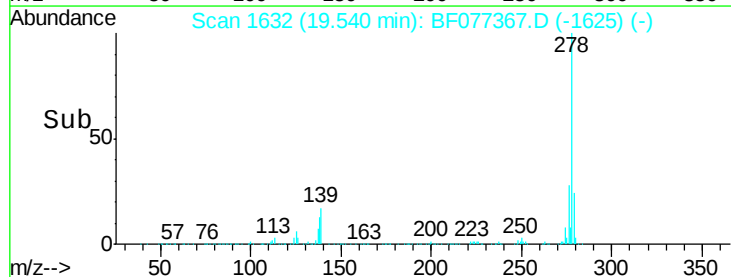
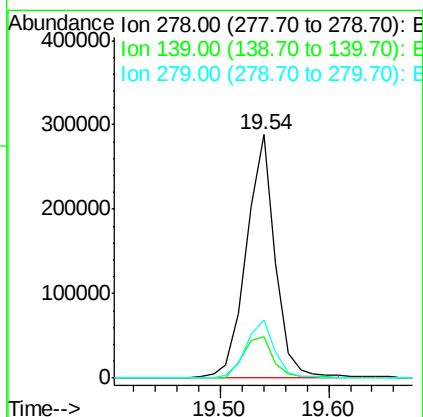
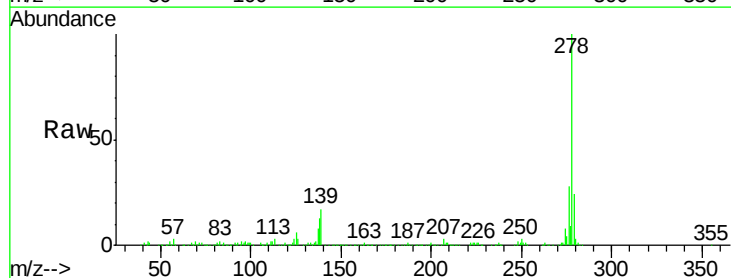
Instrument :
BNA_F
ClientSampleId :
PB81756BS

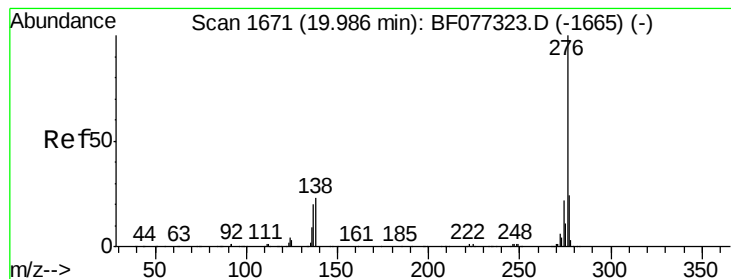
Tgt Ion:252 Resp: 508928
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 11.3 6.2 9.2#



#90
Dibenzo(a,h)anthracene
Concen: 40.91 ng
RT: 19.54 min Scan# 1632
Delta R.T. -0.02 min
Lab File: BF077367.D
Acq: 18 Feb 2015 22:24

Tgt Ion:278 Resp: 530248
Ion Ratio Lower Upper
278 100
139 17.1 13.4 20.2
279 23.6 19.1 28.7





#91

Benzo(g,h,i)perylene

Concen: 41.67 ng

RT: 19.95 min Scan# 1668

Delta R.T. -0.03 min

Lab File: BF077367.D

Acq: 18 Feb 2015 22:24

Instrument :

BNA_F

ClientSampleId :

PB81756BS

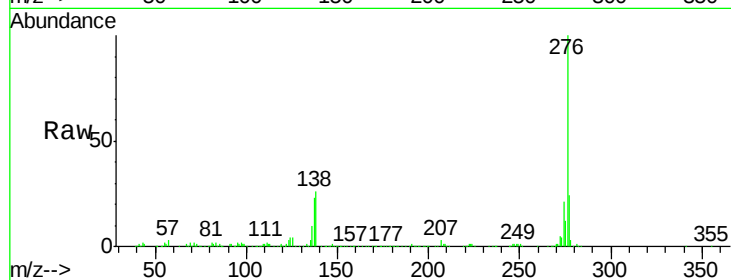
Tgt Ion: 276 Resp: 537057

Ion Ratio Lower Upper

276 100

277 24.5 19.0 28.6

138 26.2 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

