

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042915\
 Data File : BF078815.D
 Acq On : 29 Apr 2015 16:06
 Operator : TP/IZ
 Sample : PB83017BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83017BS

Quant Time: Apr 30 01:37:57 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 30 00:55:08 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	76830	20.00	ng	0.00
21) Naphthalene-d8	8.96	136	328118	20.00	ng	0.00
38) Acenaphthene-d10	11.14	164	158875	20.00	ng	0.00
63) Phenanthrene-d10	12.98	188	302101	20.00	ng	0.00
75) Chrysene-d12	16.29	240	313524	20.00	ng	-0.01
86) Perylene-d12	18.07	264	312871	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.68	112	557626	133.30	ng	0.00
7) Phenol-d6	6.92	99	705234	126.23	ng	0.00
23) Nitrobenzene-d5	8.07	82	390509	85.69	ng	0.00
41) 2,4,6-Tribromophenol	12.13	330	208695	132.04	ng	0.00
44) 2-Fluorobiphenyl	10.31	172	861166	74.23	ng	0.00
78) Terphenyl-d14	14.98	244	1016887	77.24	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.38	88	64237	33.47	ng	# 13
3) Pyridine	3.14	79	199663	35.23	ng	99
4) n-Nitrosodimethylamine	3.05	42	105312m	41.36	ng	
6) Aniline	6.97	93	175130	21.46	ng	98
8) 2-Chlorophenol	7.11	128	200720	41.74	ng	93
9) Benzaldehyde	6.83	77	12859	3.19	ng	94
10) Phenol	6.95	94	267303	40.48	ng	93
11) bis(2-Chloroethyl)ether	7.07	93	197953	40.53	ng	87
12) 1,3-Dichlorobenzene	7.31	146	216214	38.73	ng	# 89
13) 1,4-Dichlorobenzene	7.40	146	223568	39.11	ng	97
14) 1,2-Dichlorobenzene	7.59	146	215716	40.39	ng	98
15) Benzyl Alcohol	7.55	79	167581	40.25	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.74	45	311930	40.86	ng	98
17) 2-Methylphenol	7.69	107	161776	41.56	ng	94
18) Hexachloroethane	8.01	117	76790	40.67	ng	93
19) n-Nitroso-di-n-propylamine	7.90	70	159785	40.99	ng	# 89
20) 3+4-Methylphenols	7.88	107	218806	43.15	ng	92
22) Acetophenone	7.88	105	291613	40.12	ng	# 91
24) Nitrobenzene	8.09	77	205422	42.09	ng	97
25) Isophorone	8.40	82	394573	38.30	ng	# 91
26) 2-Nitrophenol	8.49	139	78859	54.92	ng	92
27) 2,4-Dimethylphenol	8.55	122	189407	41.44	ng	95
28) bis(2-Chloroethoxy)methane	8.67	93	263484	41.42	ng	99
29) 2,4-Dichlorophenol	8.78	162	166326	42.58	ng	93
30) 1,2,4-Trichlorobenzene	8.89	180	172226	38.39	ng	97
31) Naphthalene	8.98	128	589576	37.86	ng	100
32) Benzoic acid	8.63	122	79246	57.13	ng	98
33) 4-Chloroaniline	9.05	127	122343	18.67	ng	94
34) Hexachlorobutadiene	9.14	225	96847	38.26	ng	98
35) Caprolactam	9.47	113	52067	41.86	ng	# 85
36) 4-Chloro-3-methylphenol	9.66	107	183577	44.76	ng	89
37) 2-Methylnaphthalene	9.85	142	422298	40.31	ng	98
39) 1,2,4,5-Tetrachlorobenzene	10.06	216	168396	37.41	ng	# 100
40) Hexachlorocyclopentadiene	10.04	237	173047	91.45	ng	98

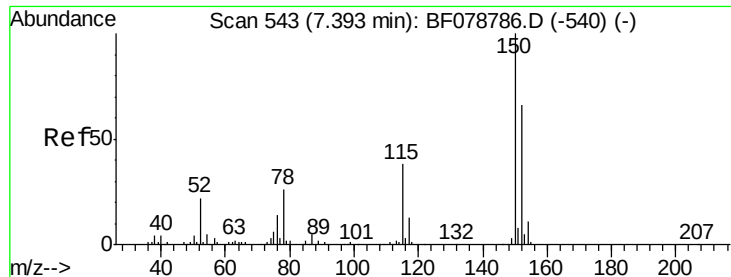
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042915\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.19	196	119104	43.42	nq	95
43) 2,4,5-Trichlorophenol	10.24	196	121126	41.49	nq #	89
45) 1,1'-Biphenyl	10.43	154	497606	39.03	nq	96
46) 2-Chloronaphthalene	10.46	162	375374	37.67	nq	94
47) 2-Nitroaniline	10.57	65	100363	46.12	nq	86
48) Acenaphthylene	10.96	152	615978	37.78	nq	99
49) Dimethylphthalate	10.81	163	440357	38.99	nq	99
50) 2,6-Dinitrotoluene	10.89	165	83317	45.28	nq #	66
51) Acenaphthene	11.18	154	376001	39.27	nq	99
52) 3-Nitroaniline	11.08	138	69733	29.21	nq	85
53) 2,4-Dinitrophenol	11.22	184	43192	146.74	nq #	71
54) Dibenzofuran	11.39	168	552717	39.35	nq	97
55) 4-Nitrophenol	11.29	139	173467	89.69	nq	90
56) 2,4-Dinitrotoluene	11.38	165	118426	52.08	nq #	69
57) Fluorene	11.82	166	444600	39.59	nq	99
58) 2,3,4,6-Tetrachlorophenol	11.54	232	99615	45.57	nq #	100
59) Diethylphthalate	11.69	149	445599	39.65	nq	97
60) 4-Chlorophenyl-phenylether	11.83	204	197948	39.62	nq	92
61) 4-Nitroaniline	11.84	138	96067	40.29	nq	93
62) Azobenzene	12.02	77	486366	42.44	nq	94
64) 4,6-Dinitro-2-methylphenol	11.88	198	32281	59.65	nq #	64
65) n-Nitrosodiphenylamine	11.98	169	395916	40.54	nq	99
66) 4-Bromophenyl-phenylether	12.43	248	121959	39.99	nq #	89
67) Hexachlorobenzene	12.49	284	139103	40.27	nq #	90
68) Atrazine	12.64	200	116664	44.60	nq	97
69) Pentachlorophenol	12.74	266	156044	84.66	nq	97
70) Phenanthrene	13.02	178	660625	40.39	nq	99
71) Anthracene	13.09	178	668390	41.79	nq	98
72) Carbazole	13.28	167	655188	43.39	nq	98
73) Di-n-butylphthalate	13.74	149	721580	41.25	nq #	97
74) Fluoranthene	14.49	202	698919	42.85	nq	98
76) Benzidine	14.67	184	246747	24.31	nq	99
77) Pyrene	14.78	202	740576	40.43	nq	99
79) Butylbenzylphthalate	15.60	149	311906	44.40	nq	98
80) Benzo(a)anthracene	16.27	228	689365	40.98	nq	99
81) 3,3'-Dichlorobenzidine	16.25	252	171213	29.90	nq #	98
82) Chrysene	16.32	228	652858	39.82	nq	100
83) Bis(2-ethylhexyl)phthalate	16.33	149	498534	44.21	nq #	98
84) Di-n-octyl phthalate	17.14	149	813441	44.96	nq #	100
85) Indeno(1,2,3-cd)pyrene	19.59	276	809441	43.51	nq #	100
87) Benzo(b)fluoranthene	17.61	252	698743	41.26	nq #	95
88) Benzo(k)fluoranthene	17.65	252	677607	41.29	nq #	94
89) Benzo(a)pyrene	18.00	252	664560	43.86	nq #	97
90) Dibenzo(a,h)anthracene	19.62	278	655051	41.74	nq	99
91) Benzo(g,h,i)perylene	20.05	276	660709	41.94	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.38 min Scan# 542

Delta R.T. -0.00 min

Lab File: BF078815.D

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PB83017BS

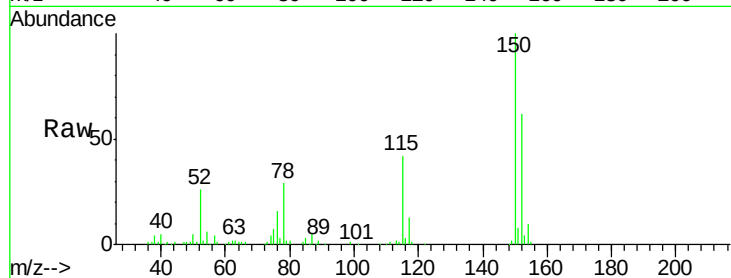
Tot Ion:152 Resp: 76830

Ion Ratio Lower Upper

152 100

150 160.8 122.0 183.0

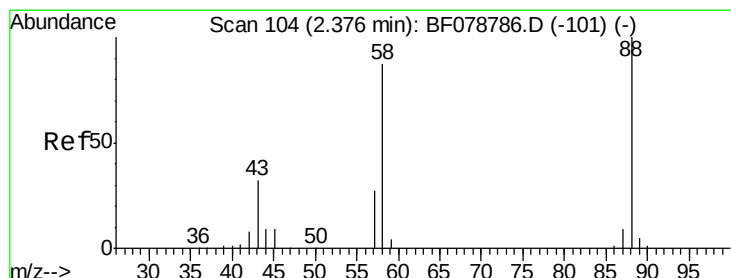
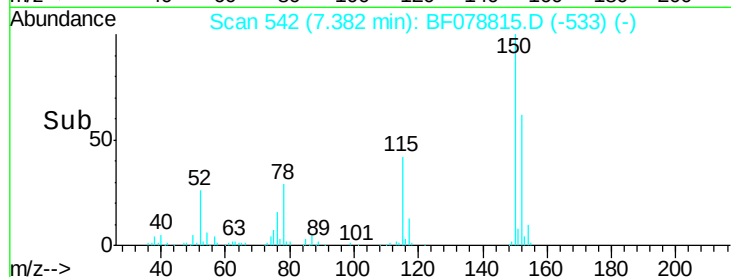
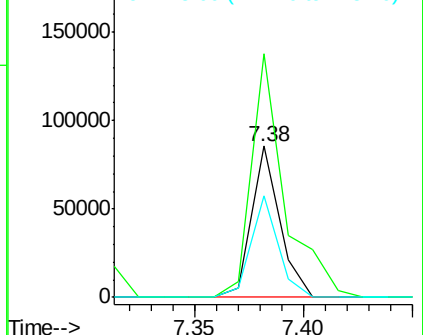
115 67.5 46.3 69.5



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: 33.47 ng

RT: 2.38 min Scan# 104

Delta R.T. 0.01 min

Lab File: BF078815.D

Acq: 29 Apr 2015 16:06

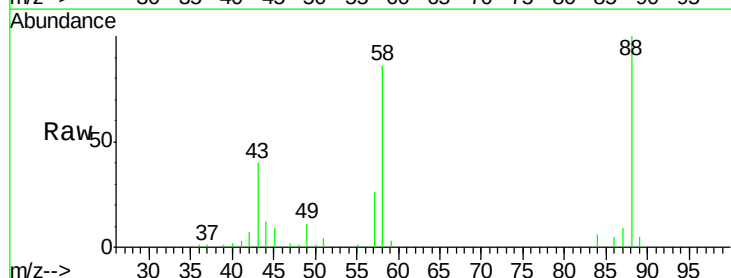
Tgt Ion: 88 Resp: 64237

Ion Ratio Lower Upper

88 100

58 83.5 0.0 0.0#

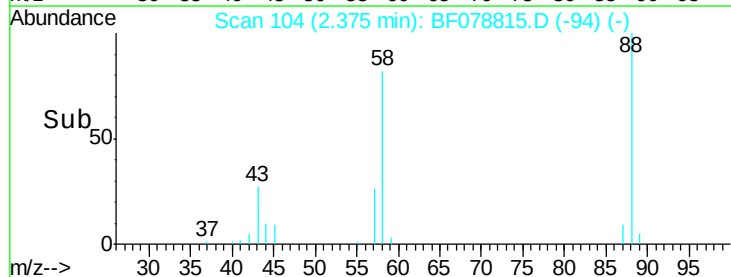
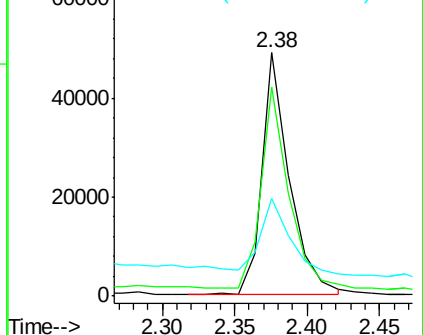
43 32.7 3.3 4.9#

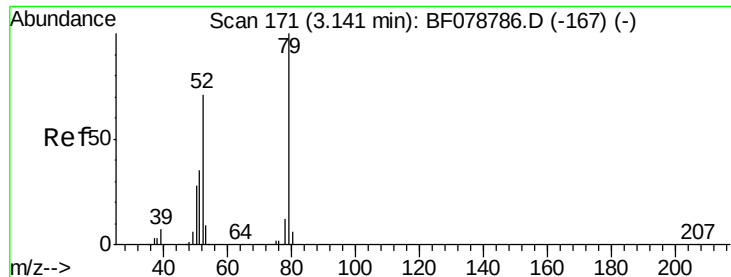


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 35.23 ng

RT: 3.14 min Scan# 171

Delta R.T. 0.02 min

Lab File: BF078815.D

Acq: 29 Apr 2015 16:06

Instrument :

BNA_F

ClientSampleId :

PB83017BS

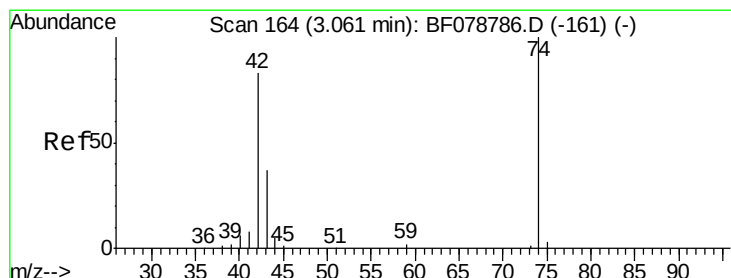
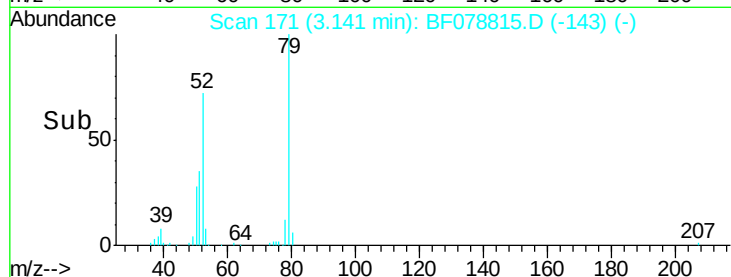
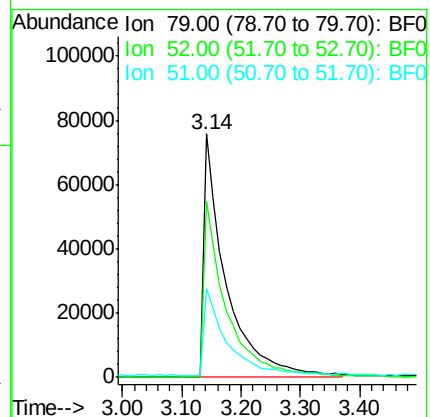
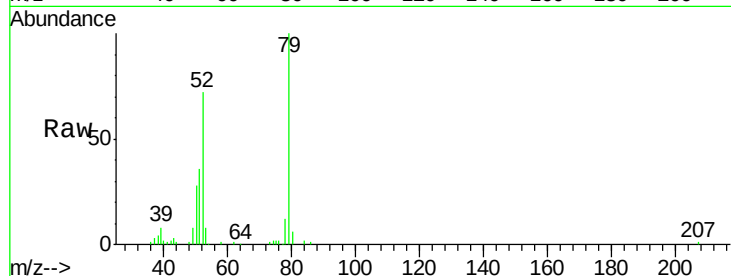
Tot Ion: 79 Resp: 199663

Ion Ratio Lower Upper

79 100

52 72.4 57.2 85.8

51 36.4 28.9 43.3



#4

n-Nitrosodimethylamine

Concen: 41.36 ng m

RT: 3.05 min Scan# 163

Delta R.T. 0.01 min

Lab File: BF078815.D

Acq: 29 Apr 2015 16:06

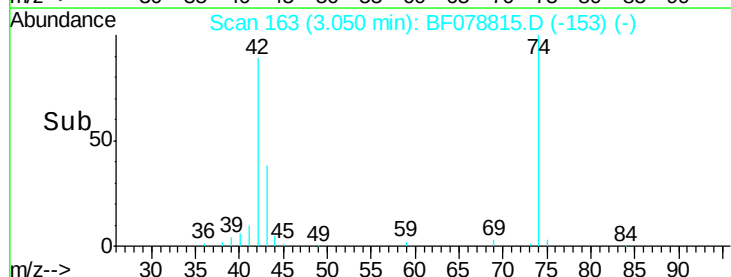
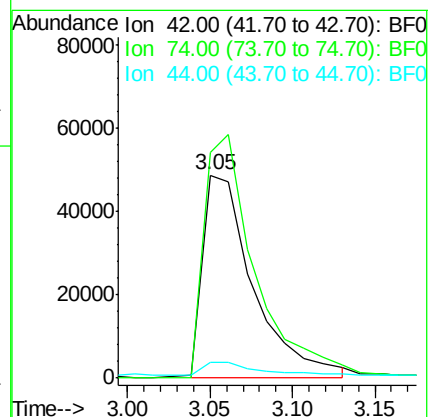
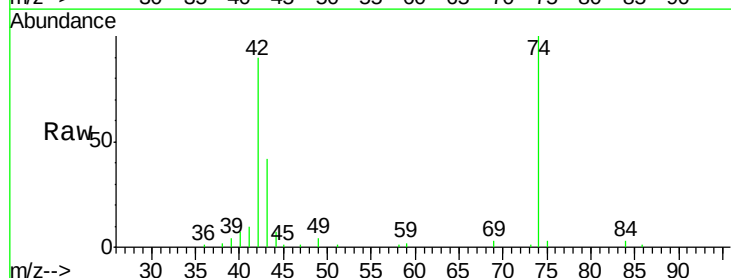
Tgt Ion: 42 Resp: 105312

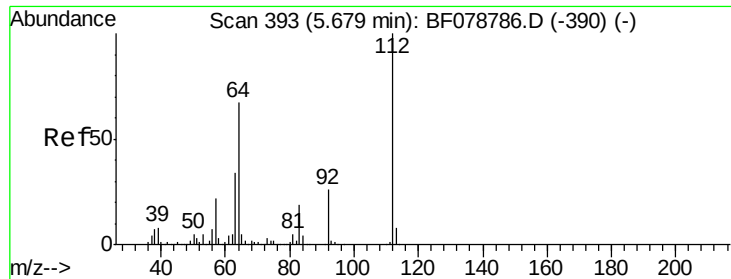
Ion Ratio Lower Upper

42 100

74 111.2 96.5 144.7

44 8.0 6.1 9.1





#5

2-Fluorophenol

Concen: 133.30 ng

RT: 5.68 min Scan# 393

Delta R.T. -0.00 min

Lab File: BF078815.D

Acq: 29 Apr 2015 16:06

Instrument :

BNA_F

ClientSampleId :

PB83017BS

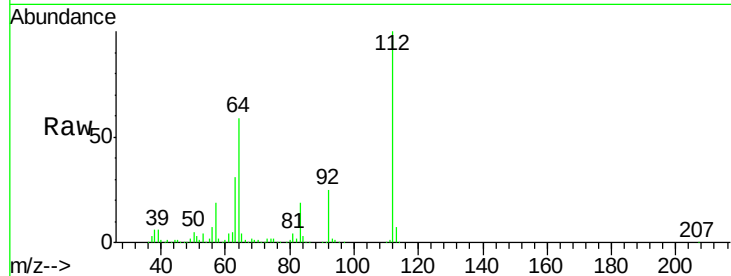
Tot Ion:112 Resp: 557626

Ion Ratio Lower Upper

112 100

64 59.4 53.5 80.3

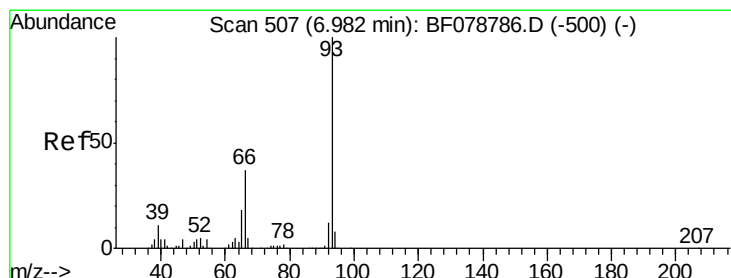
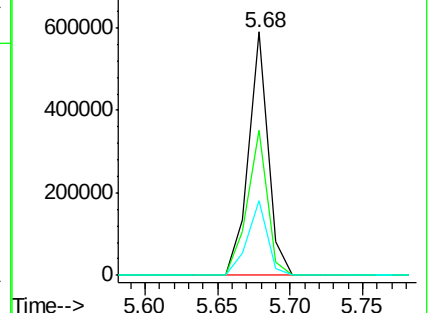
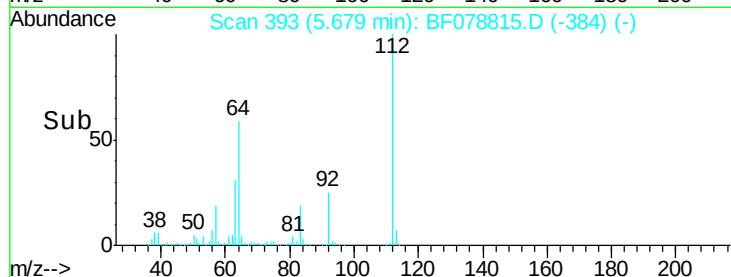
63 30.9 27.5 41.3



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: 21.46 ng

RT: 6.97 min Scan# 506

Delta R.T. -0.00 min

Lab File: BF078815.D

Acq: 29 Apr 2015 16:06

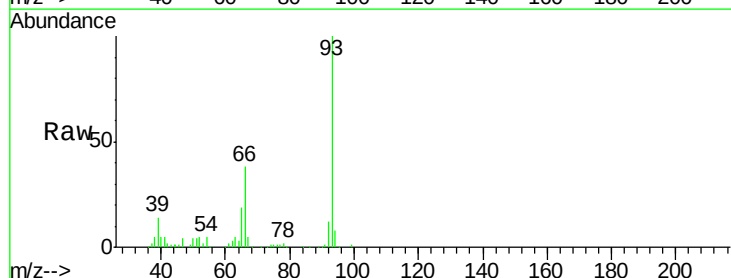
Tgt Ion: 93 Resp: 175130

Ion Ratio Lower Upper

93 100

66 38.1 29.7 44.5

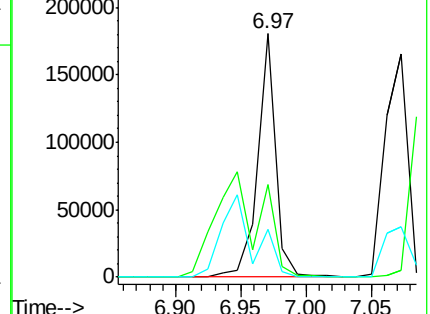
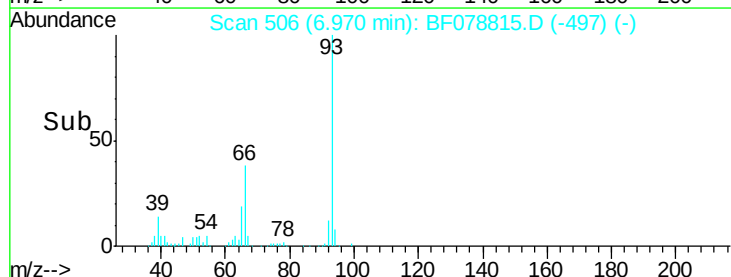
65 19.4 14.6 22.0

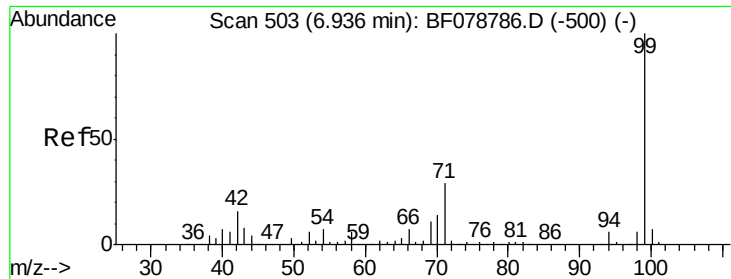


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 126.23 ng

RT: 6.92 min Scan# 502

Delta R.T. -0.00 min

Lab File: BF078815.D

Acq: 29 Apr 2015 16:06

Instrument :

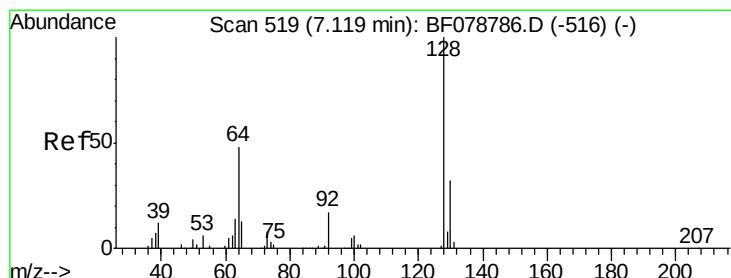
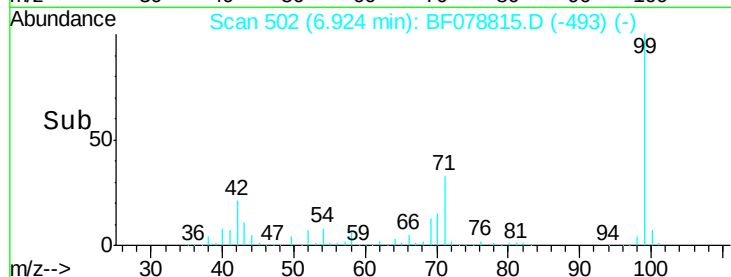
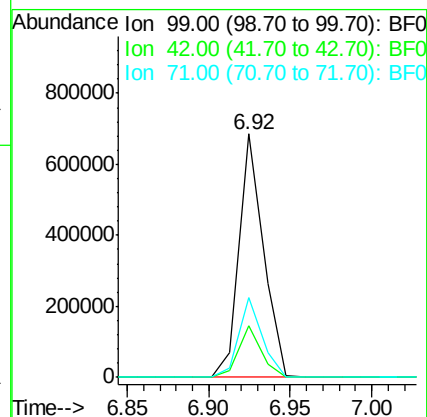
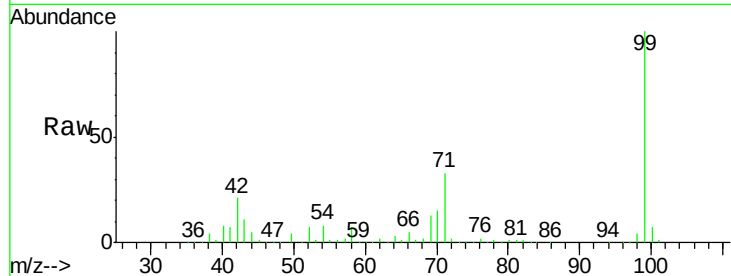
BNA_F

ClientSampleId :

PB83017BS

Tot Ion: 99 Resp: 705234

Ion	Ratio	Lower	Upper
99	100		
42	21.2	12.8	19.2#
71	32.8	23.4	35.2



#8

2-Chlorophenol

Concen: 41.74 ng

RT: 7.11 min Scan# 518

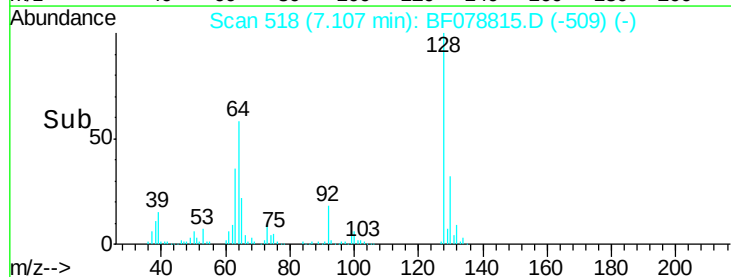
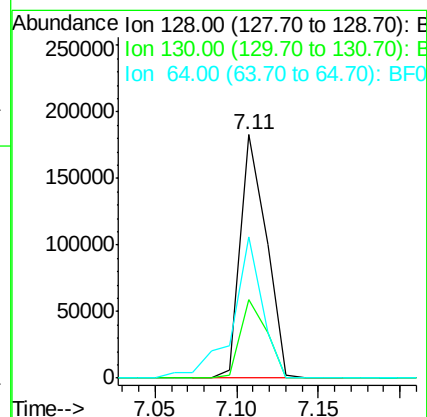
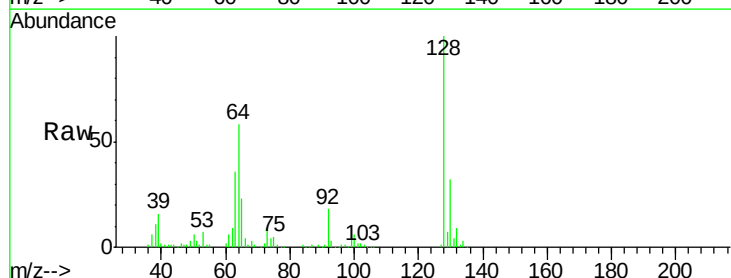
Delta R.T. -0.00 min

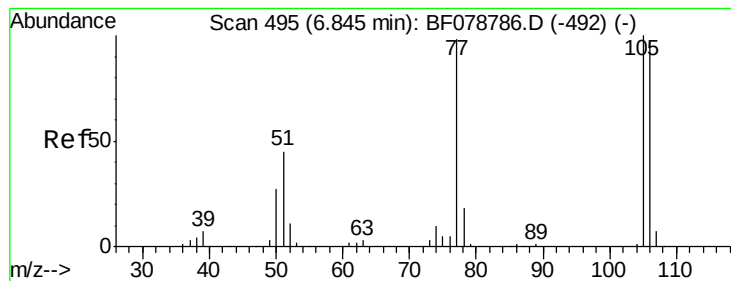
Lab File: BF078815.D

Acq: 29 Apr 2015 16:06

Tgt Ion: 128 Resp: 200720

Ion	Ratio	Lower	Upper
128	100		
130	32.0	12.1	52.1
64	58.0	29.6	69.6





#9

Benzaldehyde

Concen: 3.19 ng

RT: 6.83 min Scan# 494

Delta R.T. -0.00 min

Lab File: BF078815.D

Acq: 29 Apr 2015 16:06

Instrument :

BNA_F

ClientSampleId :

PB83017BS

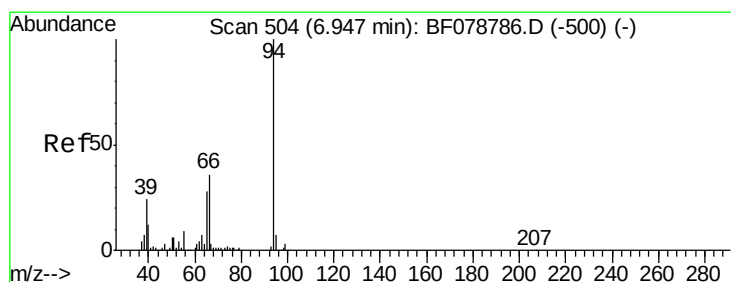
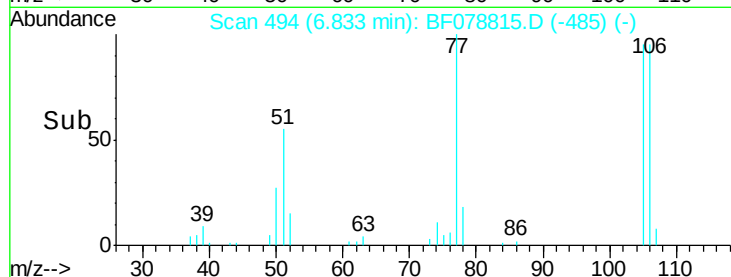
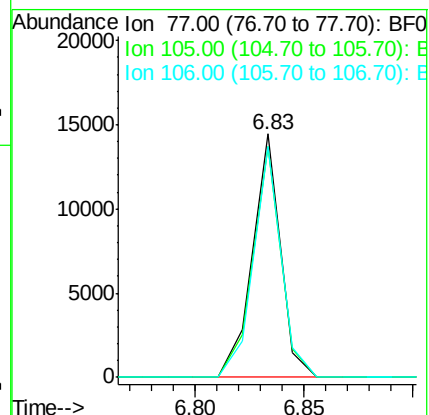
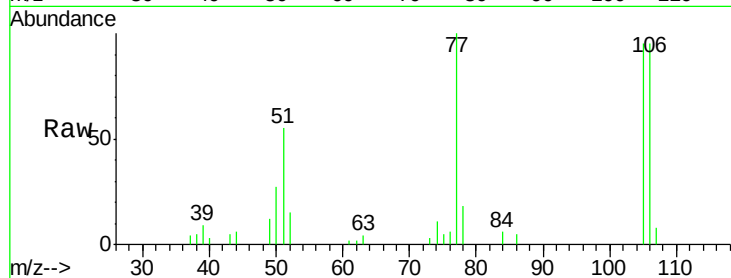
Tot Ion: 77 Resp: 12859

Ion Ratio Lower Upper

77 100

105 94.7 81.7 121.7

106 94.7 79.0 119.0



#10

Phenol

Concen: 40.48 ng

RT: 6.95 min Scan# 504

Delta R.T. 0.01 min

Lab File: BF078815.D

Acq: 29 Apr 2015 16:06

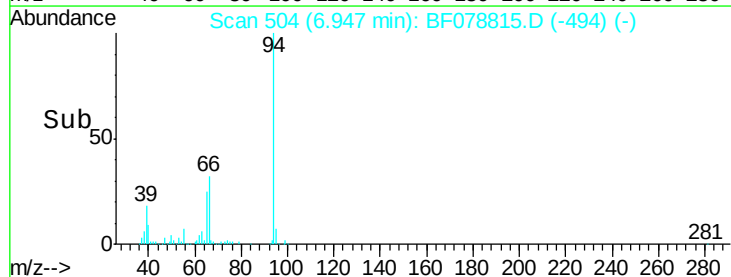
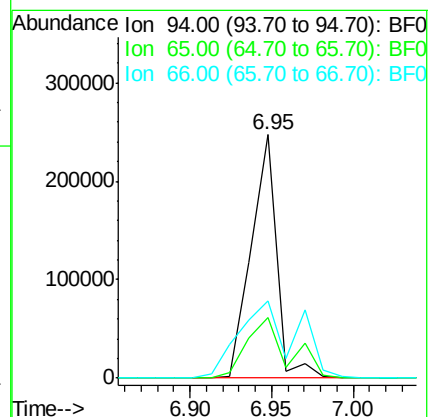
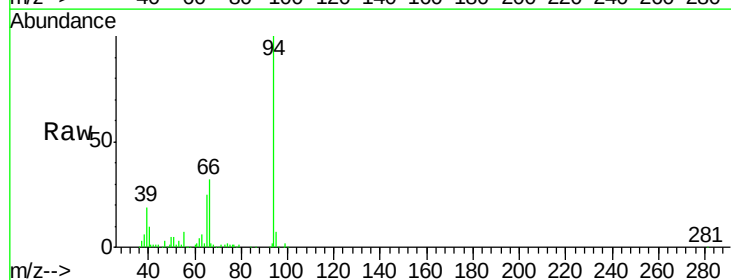
Tgt Ion: 94 Resp: 267303

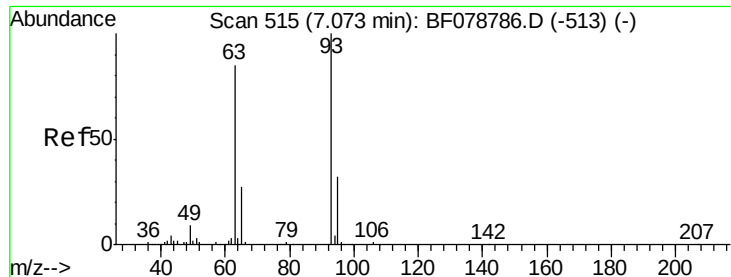
Ion Ratio Lower Upper

94 100

65 24.7 8.5 48.5

66 31.7 16.0 56.0





#11

bis(2-Chloroethyl)ether

Concen: 40.53 ng

RT: 7.07 min Scan# 515

Delta R.T. -0.00 min

Lab File: BF078815.D

Acq: 29 Apr 2015 16:06

Instrument :

BNA_F

ClientSampleId :

PB83017BS

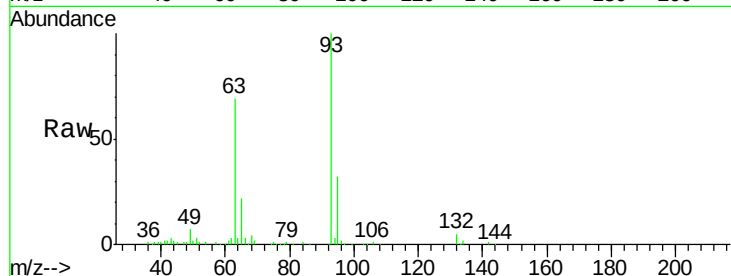
Tot Ion: 93 Resp: 197953

Ion Ratio Lower Upper

93 100

63 68.7 64.8 104.8

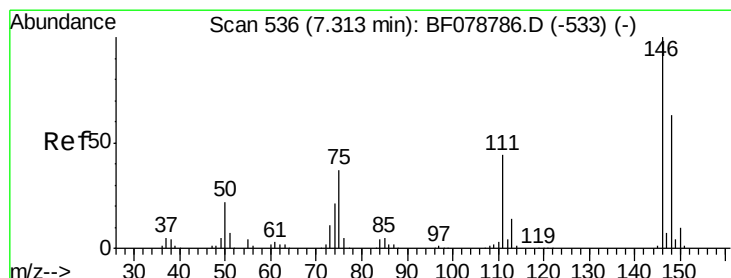
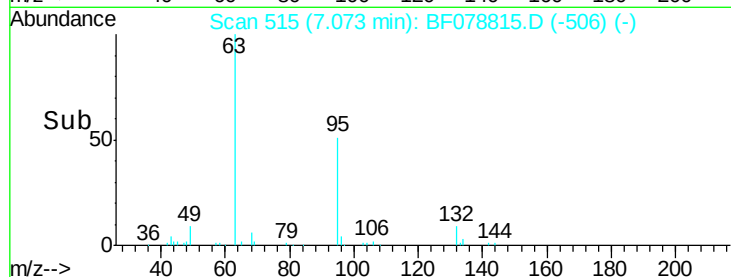
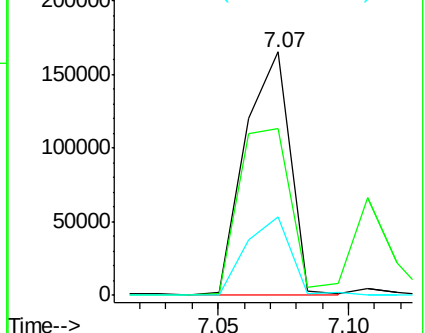
95 32.2 12.4 52.4



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: 38.73 ng

RT: 7.31 min Scan# 536

Delta R.T. -0.00 min

Lab File: BF078815.D

Acq: 29 Apr 2015 16:06

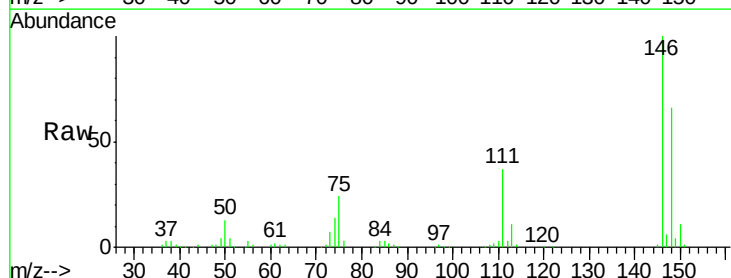
Tgt Ion: 146 Resp: 216214

Ion Ratio Lower Upper

146 100

148 65.9 50.2 75.2

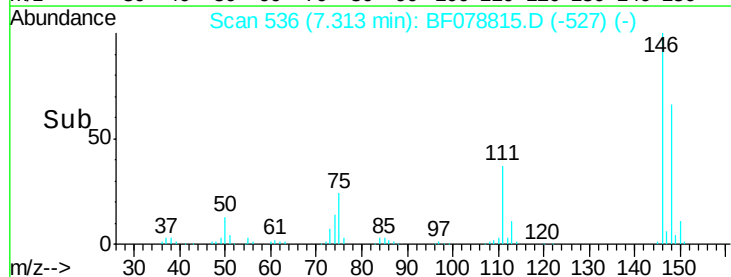
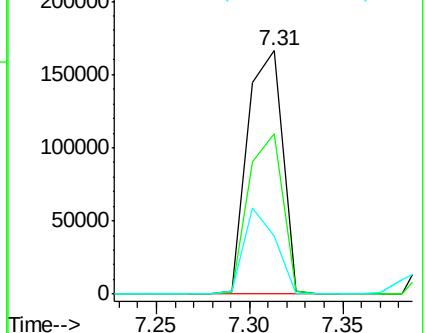
75 23.6 29.2 43.8#

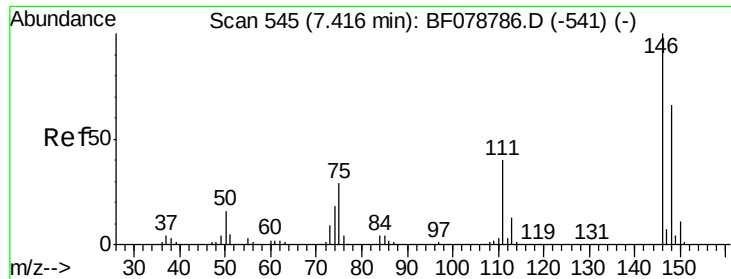


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

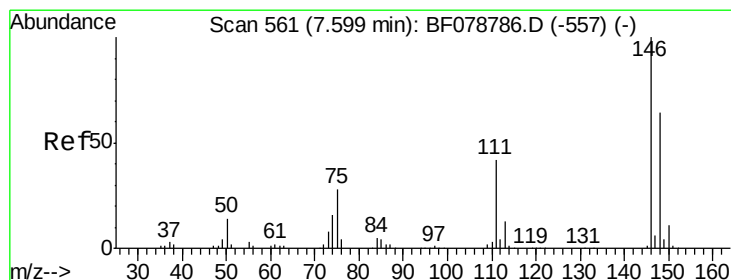
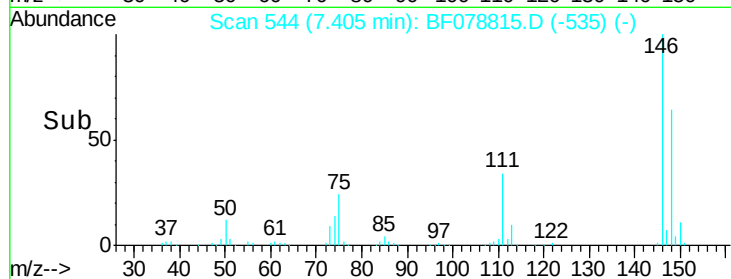
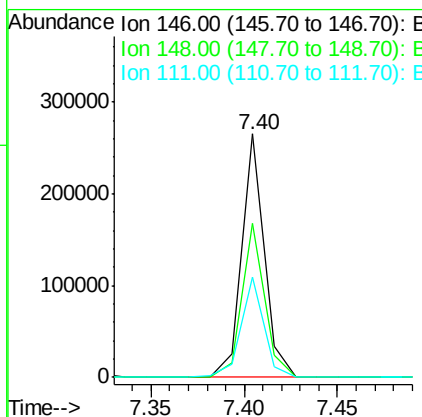
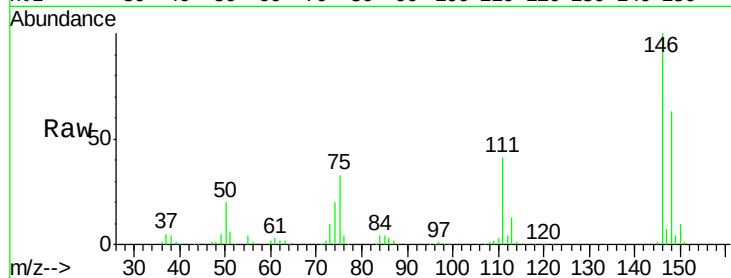




#13
 1,4-Dichlorobenzene
 Concen: 39.11 ng
 RT: 7.40 min Scan# 544
 Delta R.T. -0.00 min
 Lab File: BF078815.D
 Acq: 29 Apr 2015 16:06

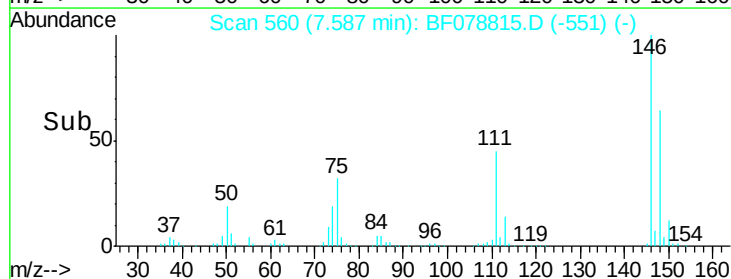
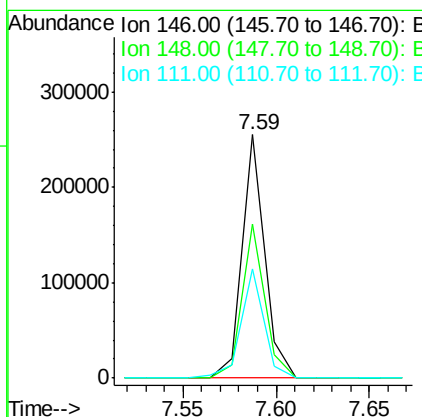
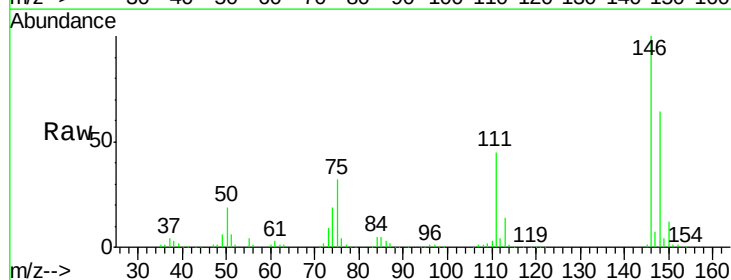
Instrument :
 BNA_F
 ClientSampleId :
 PB83017BS

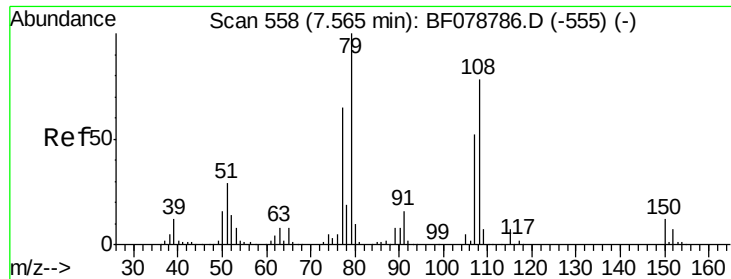
Tot Ion:146 Resp: 223568
 Ion Ratio Lower Upper
 146 100
 148 63.4 52.8 79.2
 111 41.4 31.7 47.5



#14
 1,2-Dichlorobenzene
 Concen: 40.39 ng
 RT: 7.59 min Scan# 560
 Delta R.T. -0.00 min
 Lab File: BF078815.D
 Acq: 29 Apr 2015 16:06

Tgt Ion:146 Resp: 215716
 Ion Ratio Lower Upper
 146 100
 148 63.5 51.2 76.8
 111 44.8 33.3 49.9





#15

Benzyl Alcohol

Concen: 40.25 ng

RT: 7.55 min Scan# 557

Delta R.T. -0.00 min

Lab File: BF078815.D

Acq: 29 Apr 2015 16:06

Instrument :

BNA_F

ClientSampleId :

PB83017BS

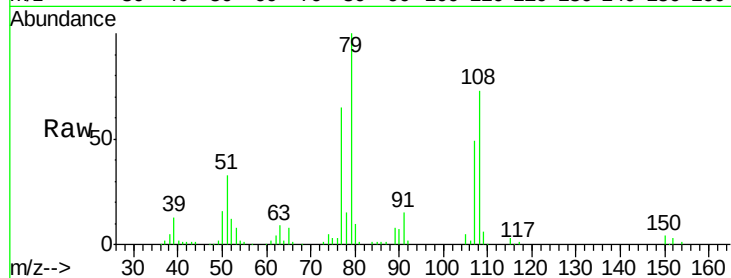
Tot Ion: 79 Resp: 167581

Ion Ratio Lower Upper

79 100

108 73.4 62.5 93.7

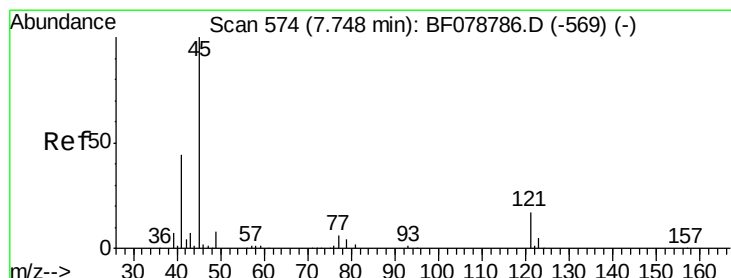
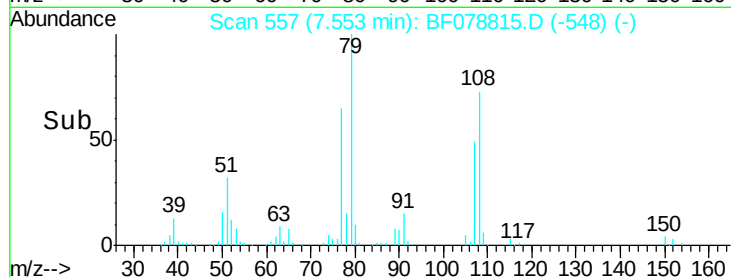
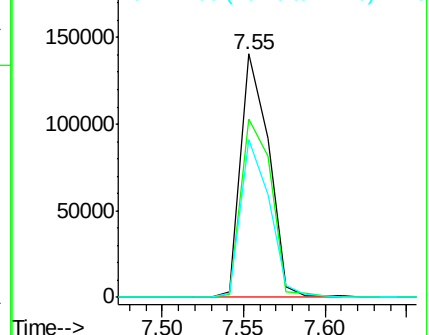
77 64.8 52.2 78.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.86 ng

RT: 7.74 min Scan# 573

Delta R.T. -0.00 min

Lab File: BF078815.D

Acq: 29 Apr 2015 16:06

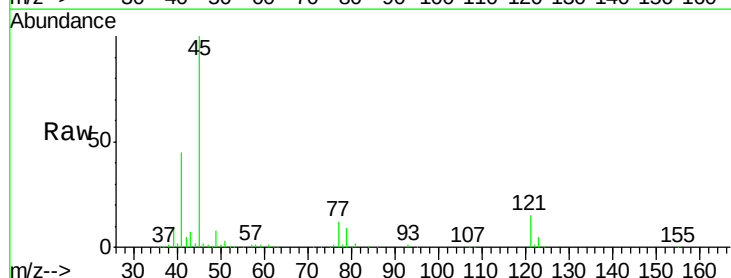
Tgt Ion: 45 Resp: 311930

Ion Ratio Lower Upper

45 100

77 12.0 0.0 32.3

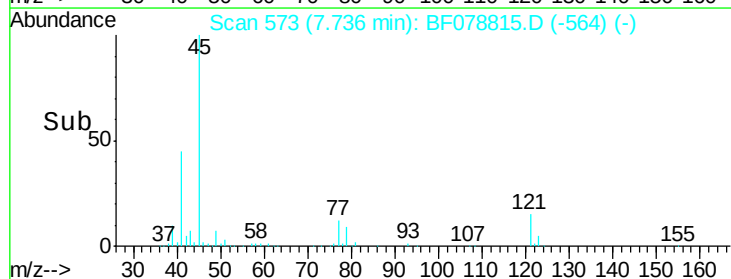
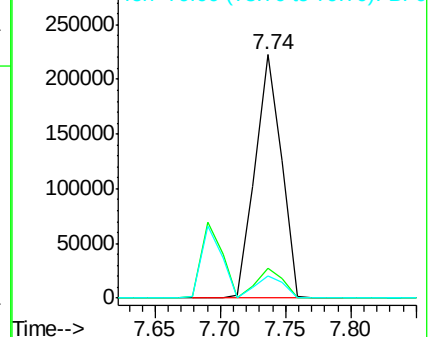
79 9.1 0.0 30.1

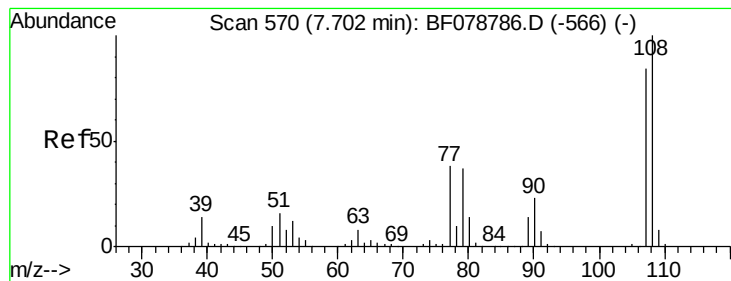


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

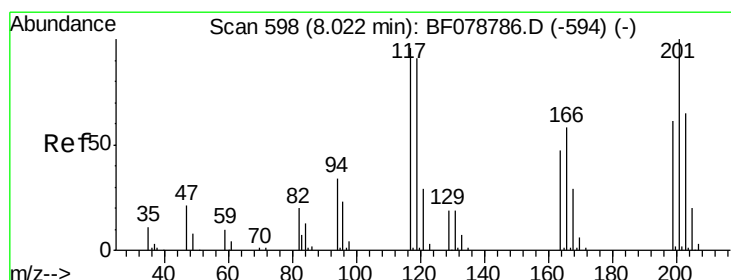
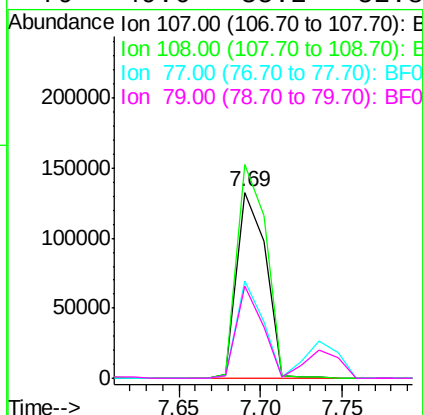
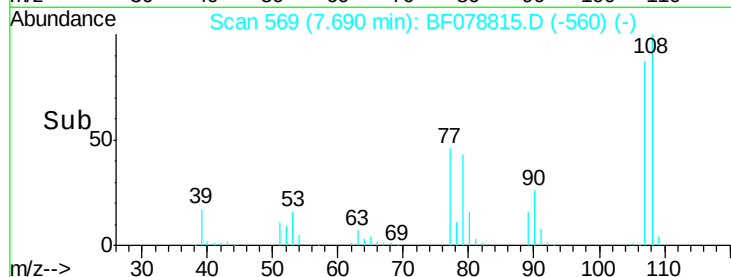
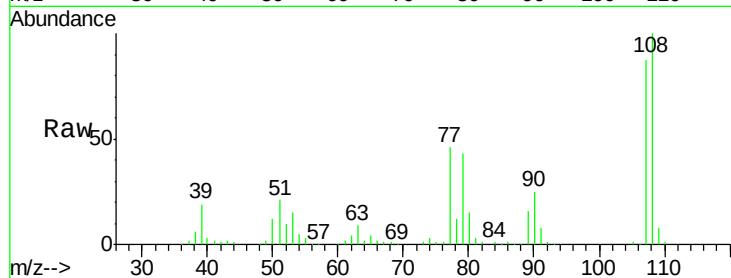




#17
2-Methylphenol
Concen: 41.56 ng
RT: 7.69 min Scan# 569
Delta R.T. -0.00 min
Lab File: BF078815.D
Acq: 29 Apr 2015 16:06

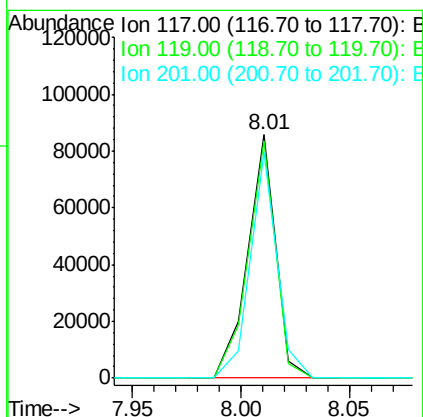
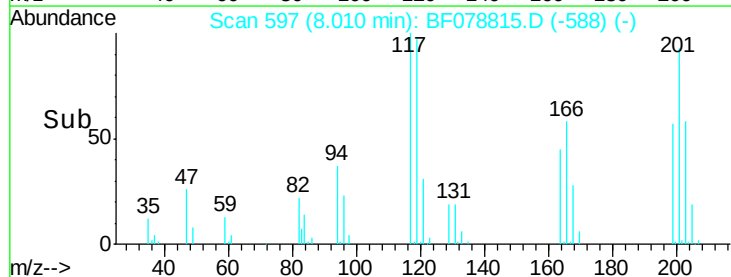
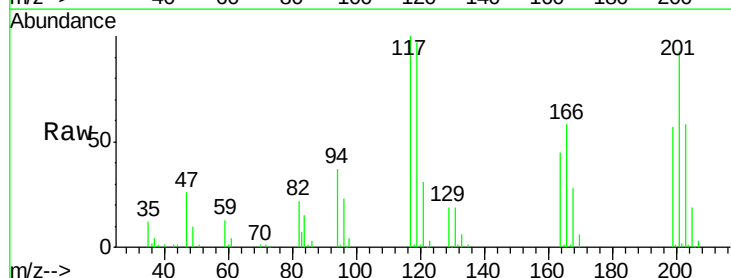
Instrument :
BNA_F
ClientSampleId :
PB83017BS

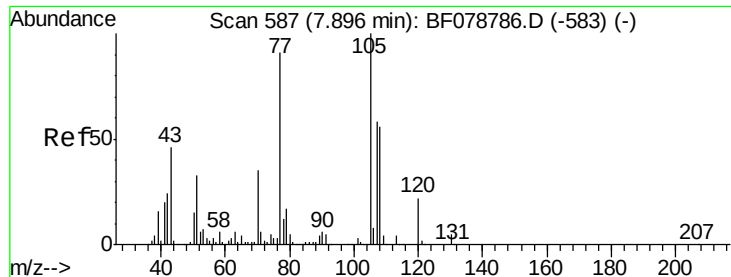
Tot Ion:107 Resp: 161776
Ion Ratio Lower Upper
107 100
108 115.0 94.9 142.3
77 52.5 36.2 54.4
79 49.6 35.2 52.8



#18
Hexachloroethane
Concen: 40.67 ng
RT: 8.01 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF078815.D
Acq: 29 Apr 2015 16:06

Tgt Ion:117 Resp: 76790
Ion Ratio Lower Upper
117 100
119 97.2 75.4 113.0
201 92.7 83.2 124.8

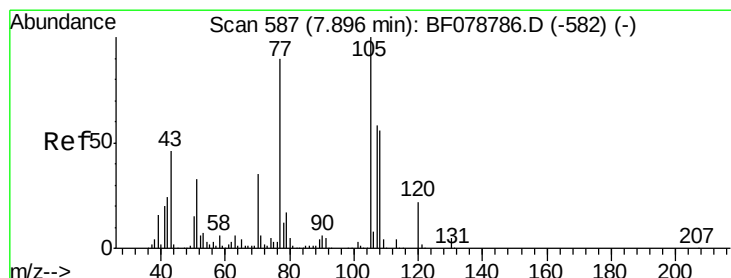
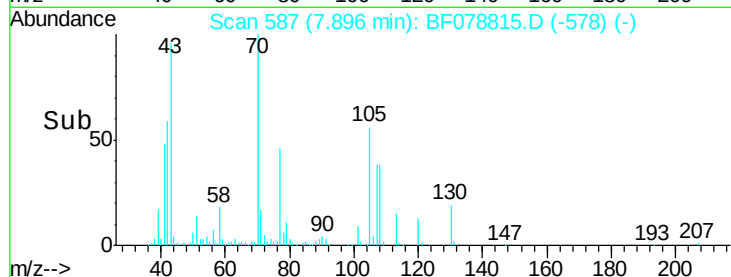
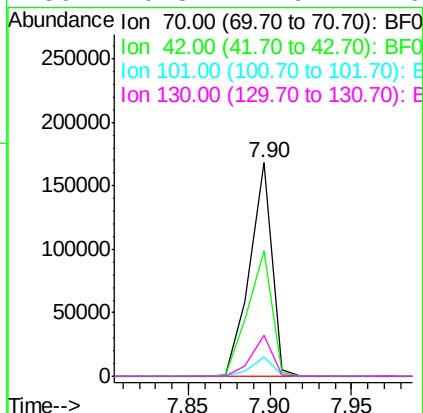
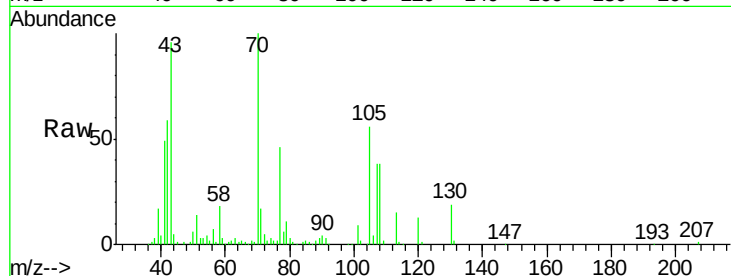




#19
 n-Nitroso-di-n-propylamine
 Concen: 40.99 ng
 RT: 7.90 min Scan# 587
 Delta R.T. -0.00 min
 Lab File: BF078815.D
 Acq: 29 Apr 2015 16:06

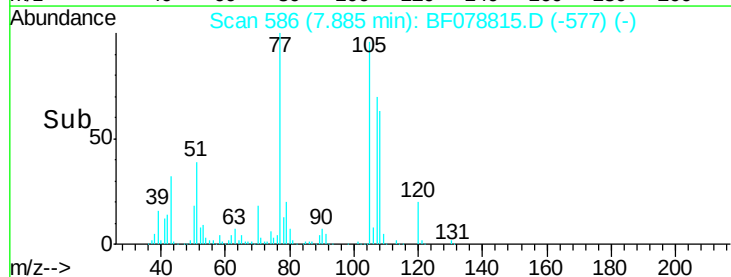
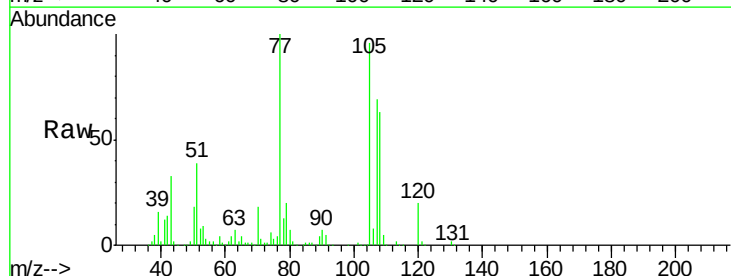
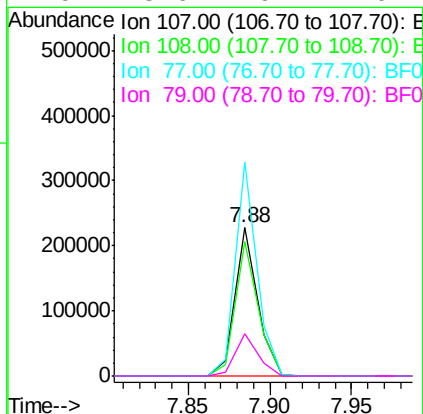
Instrument :
 BNA_F
 ClientSampleId :
 PB83017BS

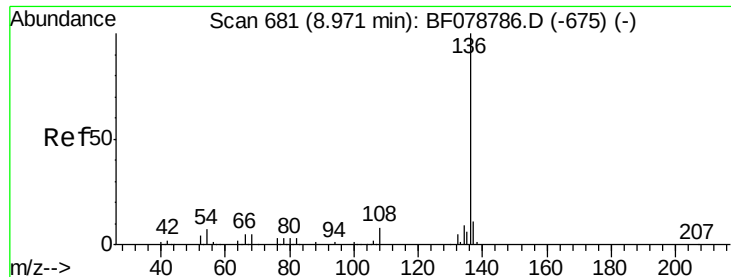
Tot Ion: 70 Resp: 159785
 Ion Ratio Lower Upper
 70 100
 42 58.9 55.4 83.0
 101 9.0 6.6 10.0
 130 19.3 11.9 17.9#



#20
 3+4-Methylphenols
 Concen: 43.15 ng
 RT: 7.88 min Scan# 586
 Delta R.T. -0.00 min
 Lab File: BF078815.D
 Acq: 29 Apr 2015 16:06

Tgt Ion:107 Resp: 218806
 Ion Ratio Lower Upper
 107 100
 108 90.1 76.9 116.9
 77 143.9 136.8 176.8
 79 28.6 9.7 49.7





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.96 min Scan# 680

Delta R.T. -0.00 min

Lab File: BF078815.D

Acq: 29 Apr 2015 16:06

Instrument :

BNA_F

ClientSampleId :

PB83017BS

Tot Ion:136 Resp: 328118

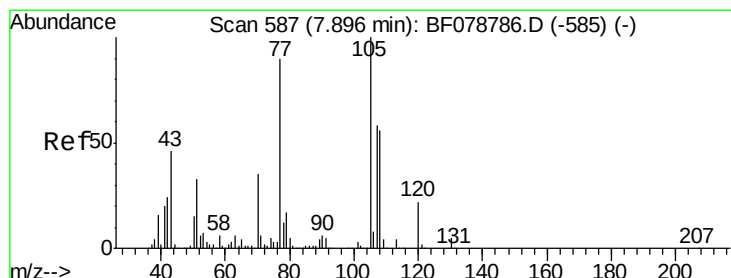
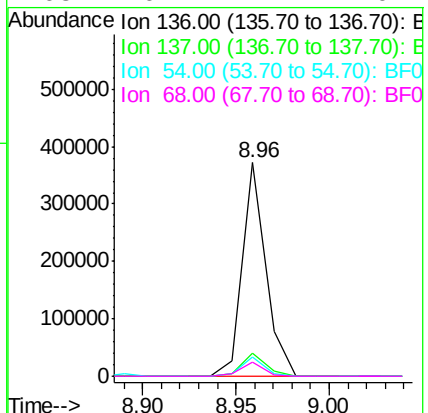
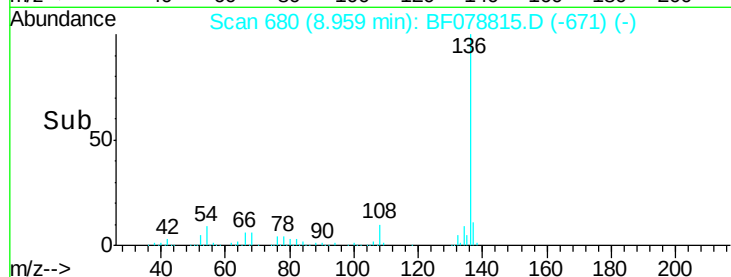
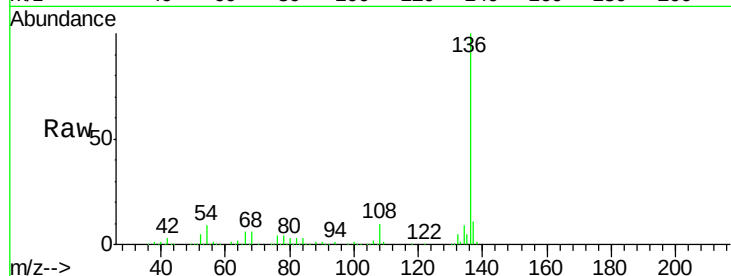
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 8.8 5.8 8.8#

68 6.4 4.2 6.4#



#22

Acetophenone

Concen: 40.12 ng

RT: 7.88 min Scan# 586

Delta R.T. -0.00 min

Lab File: BF078815.D

Acq: 29 Apr 2015 16:06

Tgt Ion:105 Resp: 291613

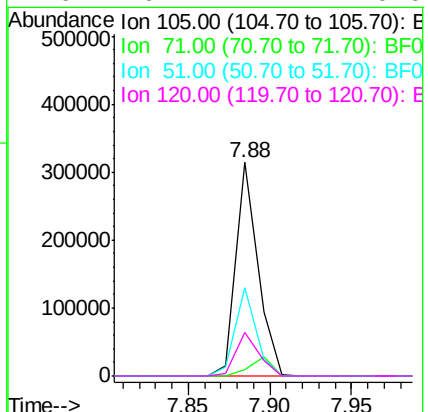
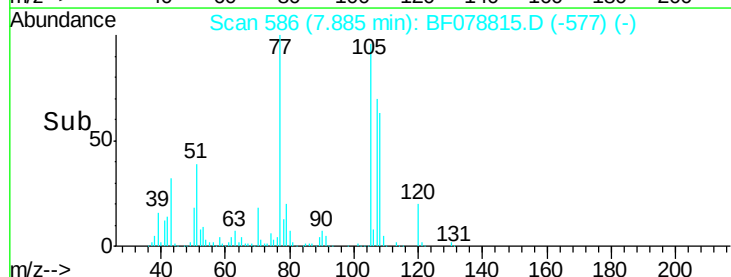
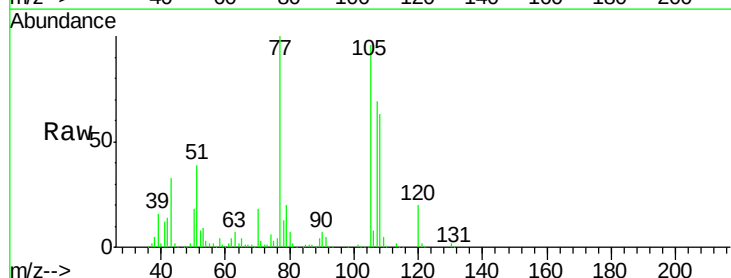
Ion Ratio Lower Upper

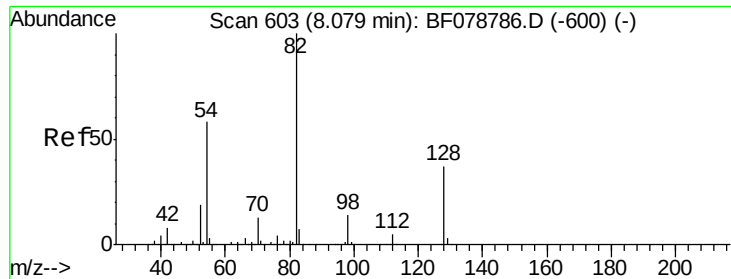
105 100

71 3.1 4.6 6.8#

51 41.2 26.7 40.1#

120 20.7 17.4 26.0

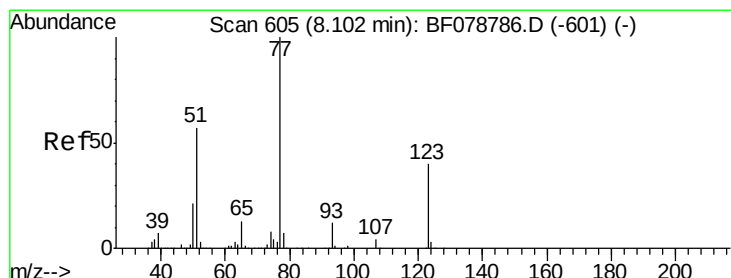
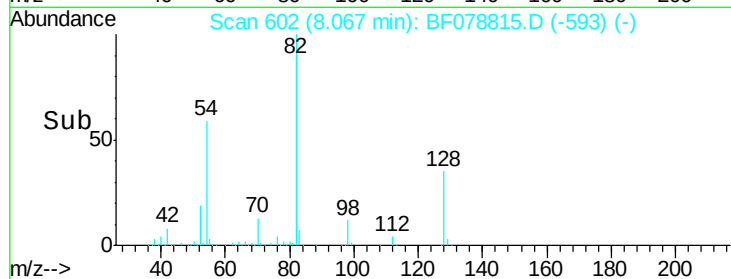
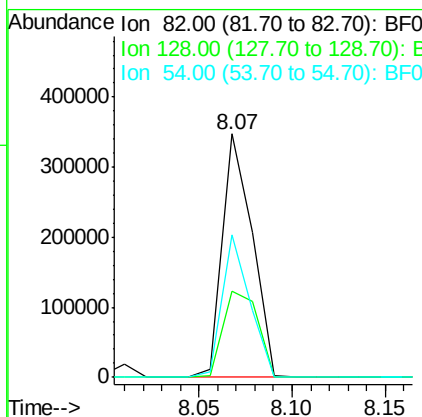
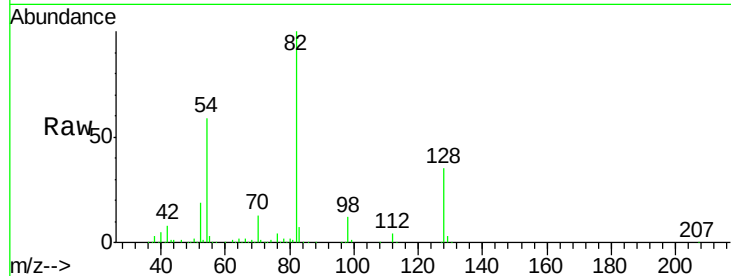




#23
 Nitrobenzene-d5
 Concen: 85.69 ng
 RT: 8.07 min Scan# 602
 Delta R.T. -0.00 min
 Lab File: BF078815.D
 Acq: 29 Apr 2015 16:06

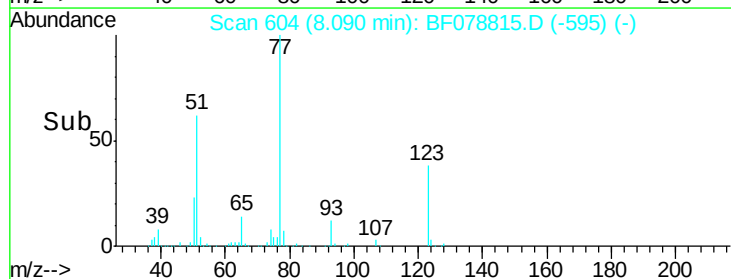
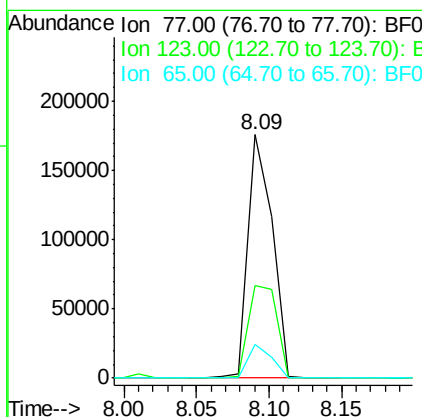
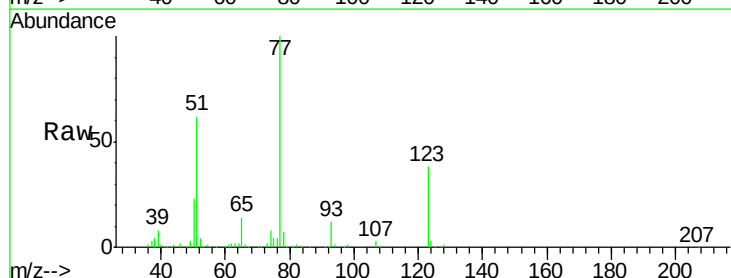
Instrument :
 BNA_F
 ClientSampleId :
 PB83017BS

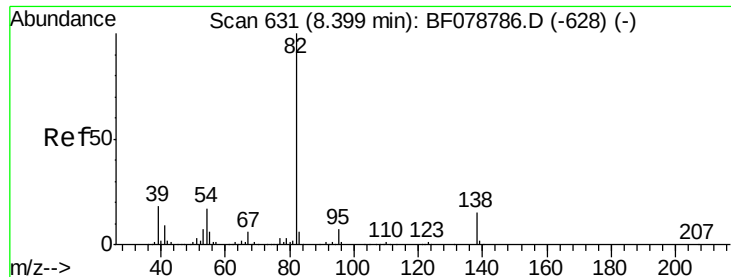
Tot Ion	82	Resp	390509
Ion Ratio	Lower	Upper	
82	100		
128	35.4	30.0	45.0
54	58.6	46.4	69.6



#24
 Nitrobenzene
 Concen: 42.09 ng
 RT: 8.09 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: BF078815.D
 Acq: 29 Apr 2015 16:06

Tgt Ion	77	Resp	205422
Ion Ratio	Lower	Upper	
77	100		
123	37.8	31.8	47.8
65	13.8	10.6	15.8





#25

Isophorone

Concen: 38.30 ng

RT: 8.40 min Scan# 631

Delta R.T. -0.00 min

Lab File: BF078815.D

Acq: 29 Apr 2015 16:06

Instrument :

BNA_F

ClientSampleId :

PB83017BS

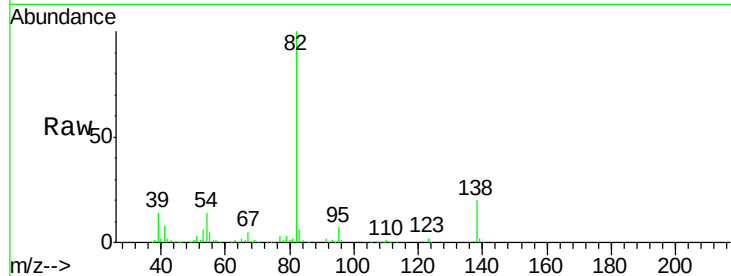
Tot Ion: 82 Resp: 394573

Ion Ratio Lower Upper

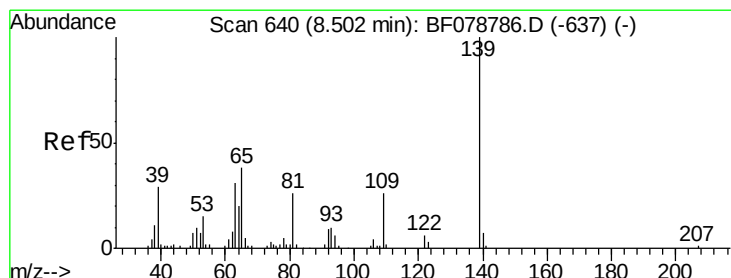
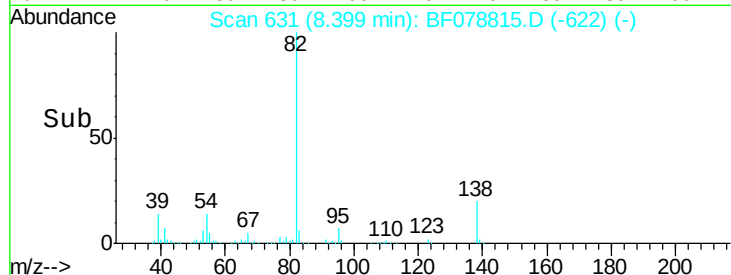
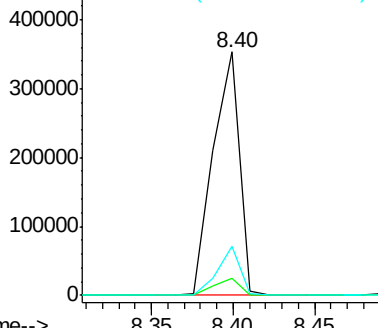
82 100

95 6.8 5.3 7.9

138 20.2 12.0 18.0#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 54.92 ng

RT: 8.49 min Scan# 639

Delta R.T. -0.00 min

Lab File: BF078815.D

Acq: 29 Apr 2015 16:06

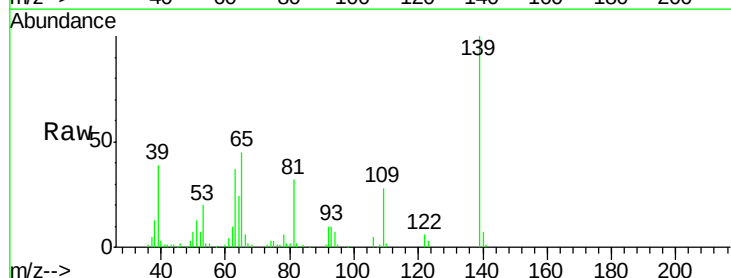
Tgt Ion: 139 Resp: 78859

Ion Ratio Lower Upper

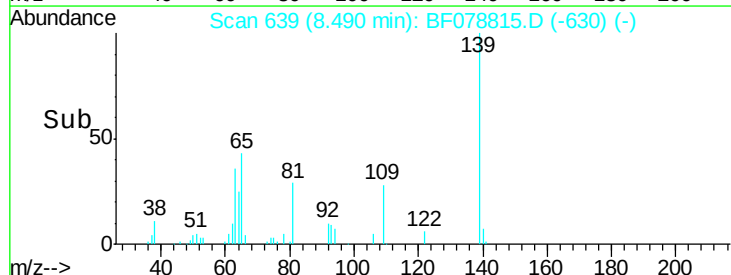
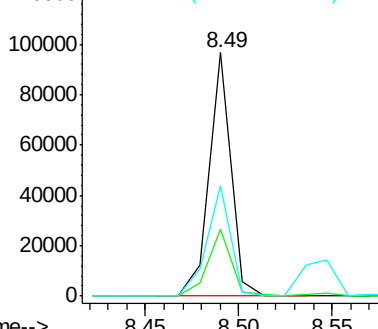
139 100

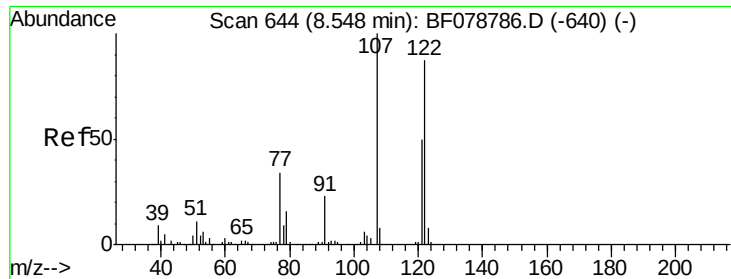
109 27.7 21.0 31.4

65 45.4 30.5 45.7



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: 41.44 ng

RT: 8.55 min Scan# 644

Delta R.T. -0.00 min

Lab File: BF078815.D

Acq: 29 Apr 2015 16:06

Instrument :

BNA_F

ClientSampleId :

PB83017BS

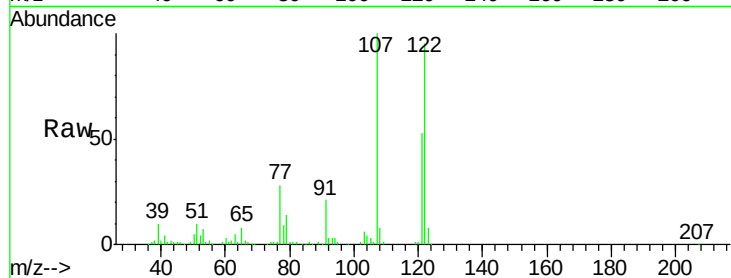
Tot Ion:122 Resp: 189407

Ion Ratio Lower Upper

122 100

107 105.2 90.6 135.8

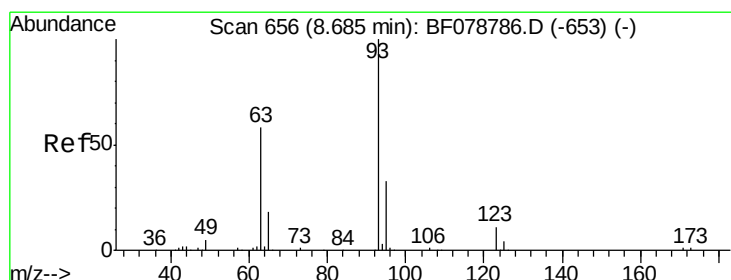
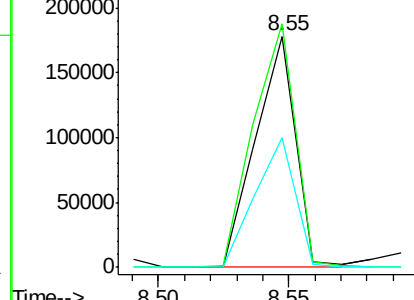
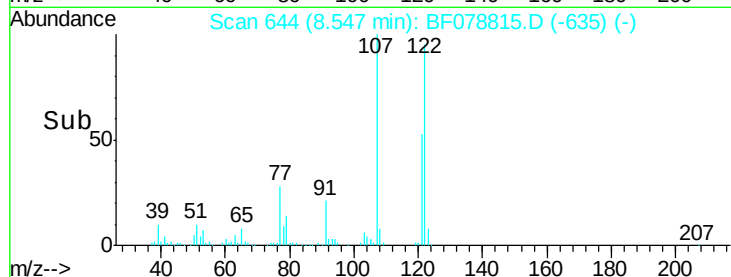
121 56.1 45.4 68.2



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: 41.42 ng

RT: 8.67 min Scan# 655

Delta R.T. -0.00 min

Lab File: BF078815.D

Acq: 29 Apr 2015 16:06

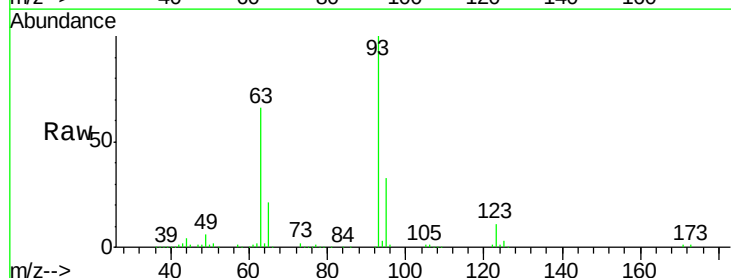
Tgt Ion: 93 Resp: 263484

Ion Ratio Lower Upper

93 100

95 32.9 26.7 40.1

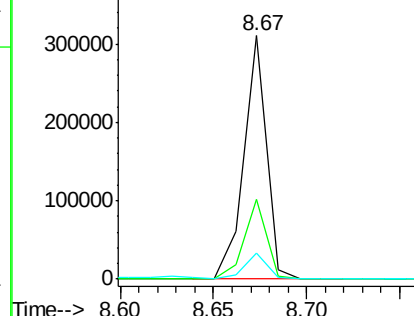
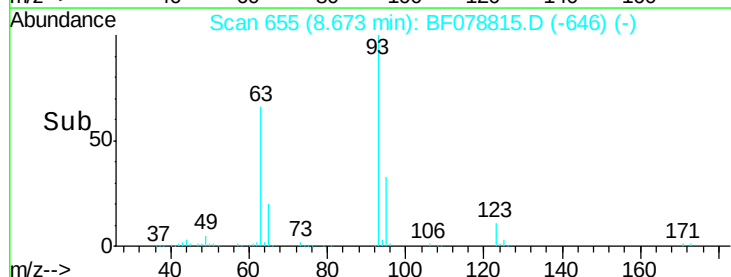
123 10.9 9.1 13.7

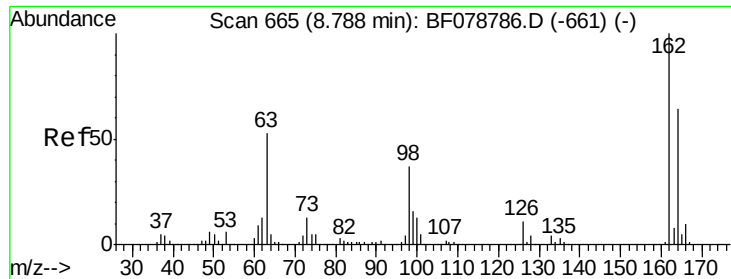


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

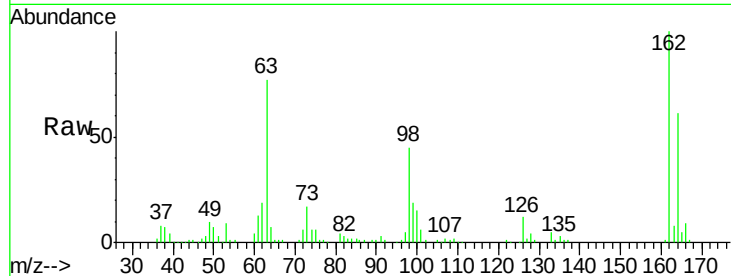




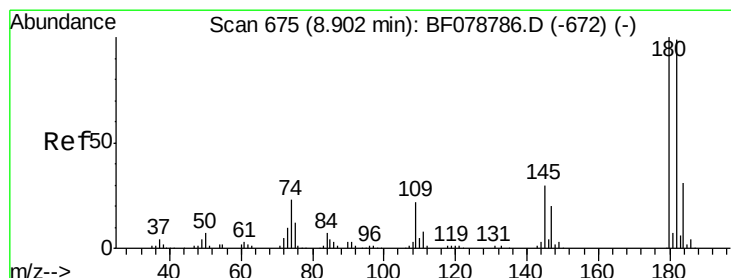
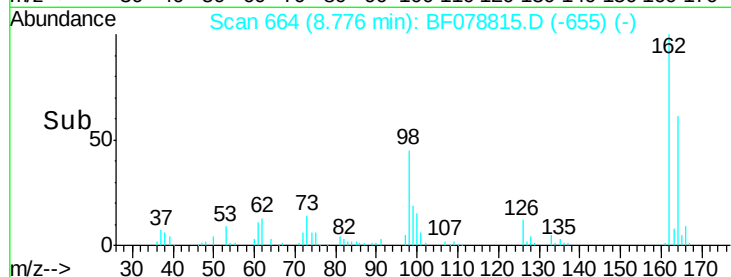
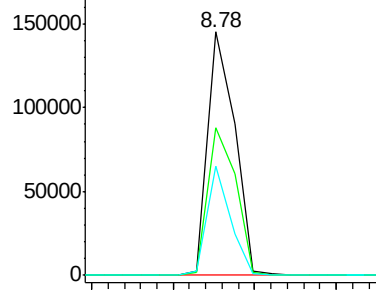
#29
 2,4-Dichlorophenol
 Concen: 42.58 ng
 RT: 8.78 min Scan# 664
 Delta R.T. -0.00 min
 Lab File: BF078815.D
 Acq: 29 Apr 2015 16:06

Instrument :
 BNA_F
 ClientSampleId :
 PB83017BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	60.7	43.6	83.6
98	44.8	16.5	56.5

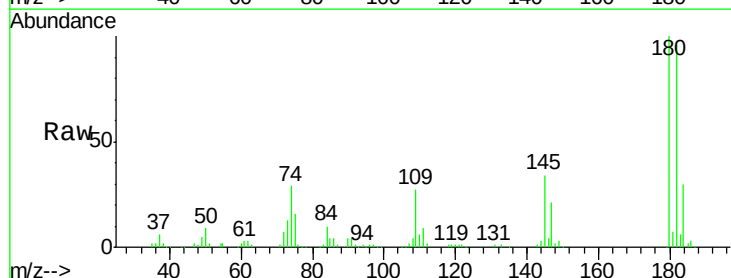


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

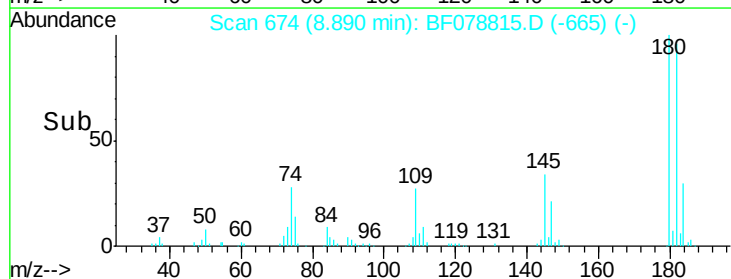
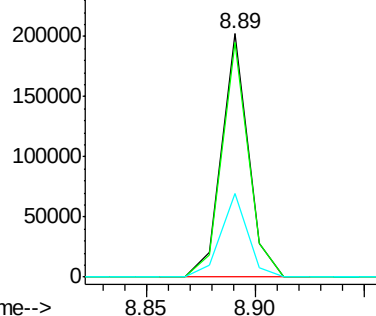


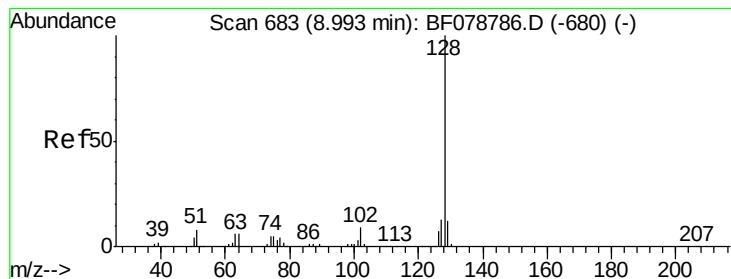
#30
 1,2,4-Trichlorobenzene
 Concen: 38.39 ng
 RT: 8.89 min Scan# 674
 Delta R.T. -0.00 min
 Lab File: BF078815.D
 Acq: 29 Apr 2015 16:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	78.9	118.3
145	34.1	24.2	36.4



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 37.86 ng

RT: 8.98 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF078815.D

Acq: 29 Apr 2015 16:06

Instrument :

BNA_F

ClientSampleId :

PB83017BS

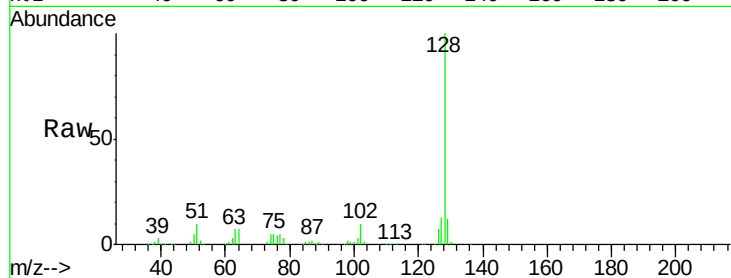
Tot Ion:128 Resp: 589576

Ion Ratio Lower Upper

128 100

129 11.7 9.3 13.9

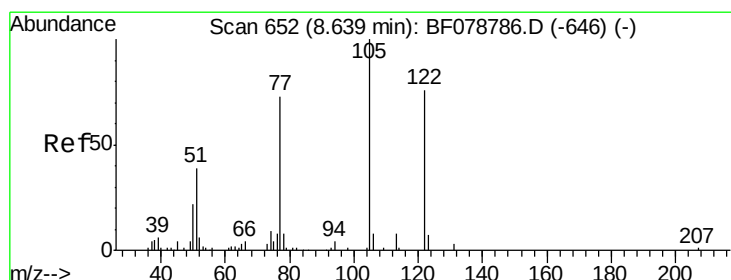
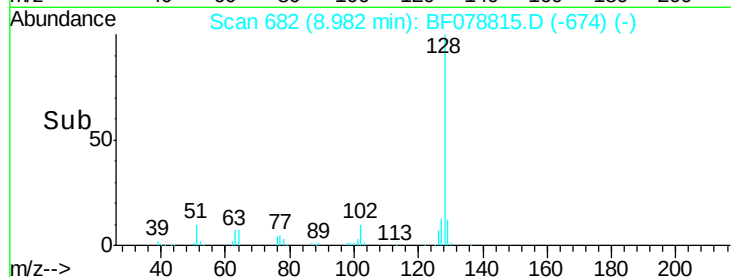
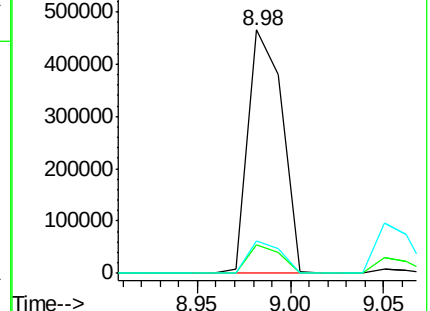
127 13.2 10.7 16.1



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: 57.13 ng

RT: 8.63 min Scan# 651

Delta R.T. -0.00 min

Lab File: BF078815.D

Acq: 29 Apr 2015 16:06

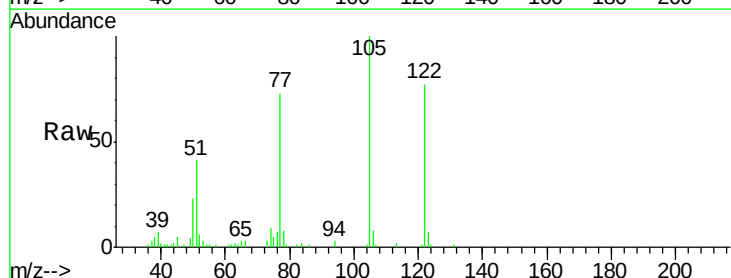
Tgt Ion:122 Resp: 79246

Ion Ratio Lower Upper

122 100

105 130.3 107.1 147.1

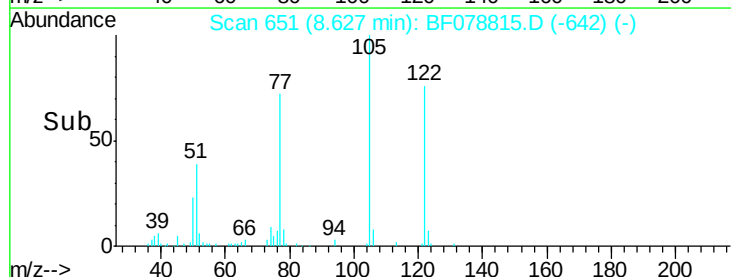
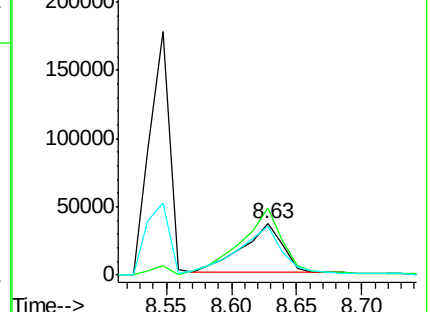
77 95.1 73.9 113.9

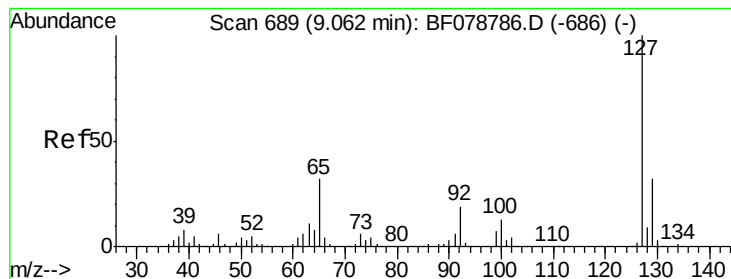


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 18.67 ng

RT: 9.05 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF078815.D

Acq: 29 Apr 2015 16:06

Instrument :

BNA_F

ClientSampleID :

PB83017BS

Tot Ion:127 Resp: 122343

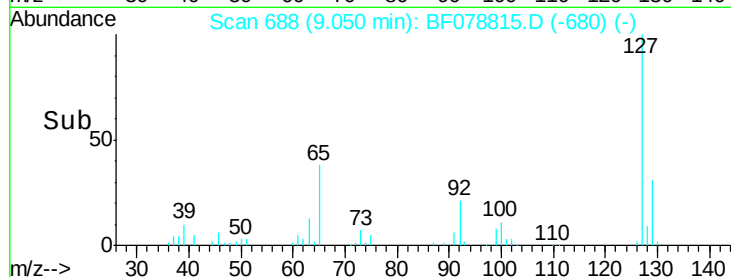
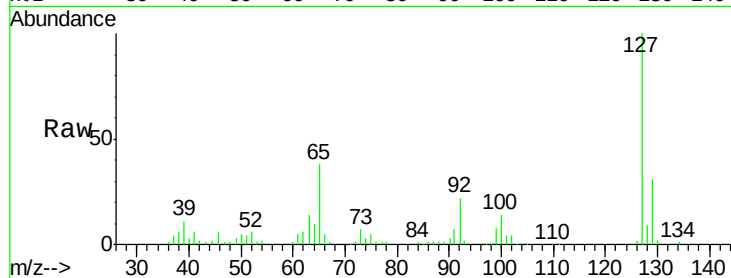
Ion Ratio Lower Upper

127 100

129 31.2 25.8 38.8

65 38.4 25.8 38.6

92 21.5 15.5 23.3

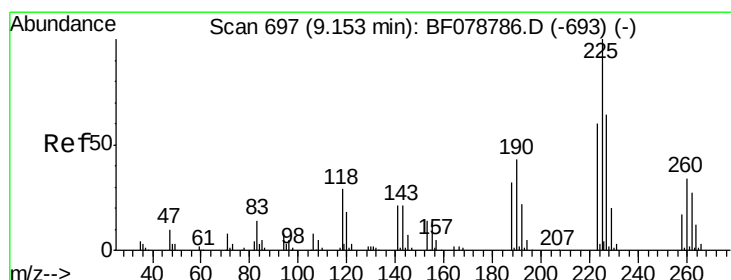
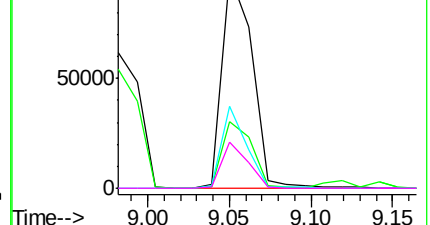


Abundance Ion 127.00 (126.70 to 127.70): E

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: 38.26 ng

RT: 9.14 min Scan# 696

Delta R.T. -0.00 min

Lab File: BF078815.D

Acq: 29 Apr 2015 16:06

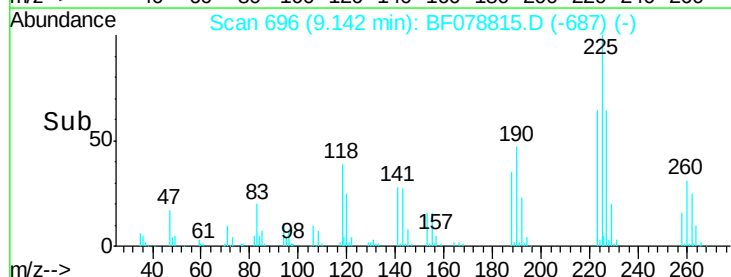
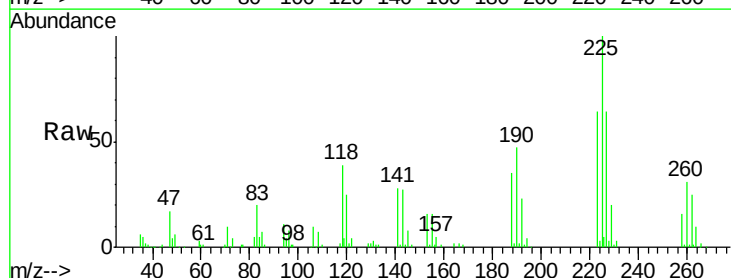
Tgt Ion:225 Resp: 96847

Ion Ratio Lower Upper

225 100

223 63.7 48.2 72.4

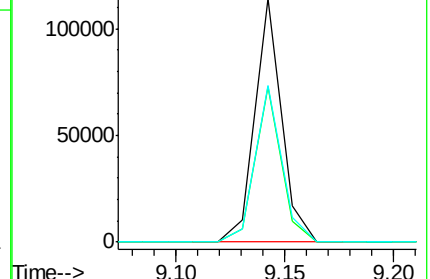
227 64.3 51.4 77.0

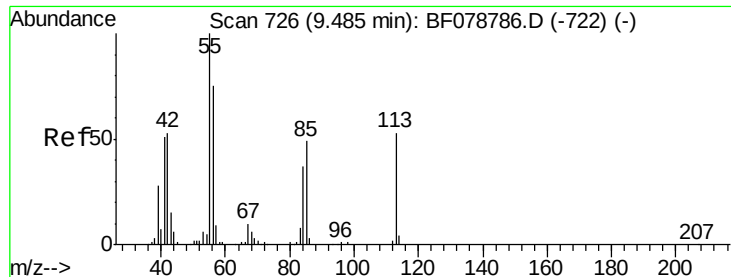


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

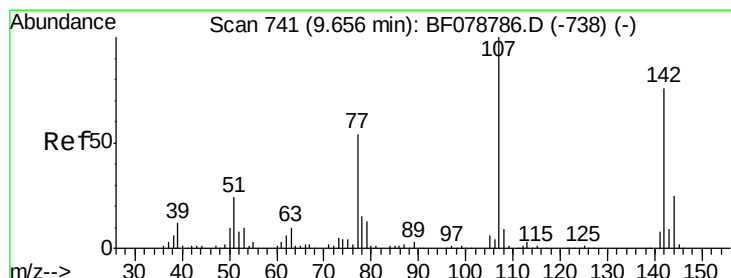
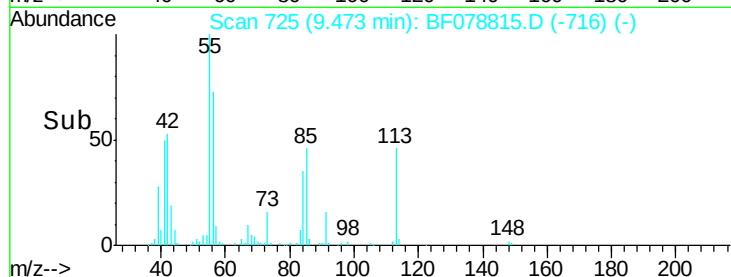
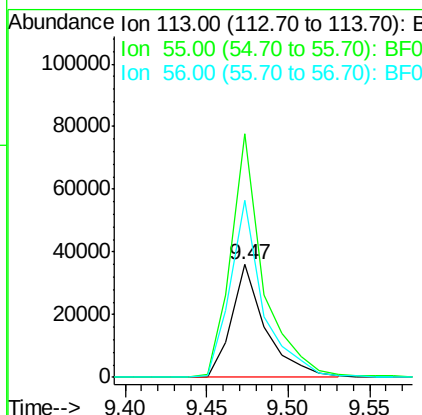
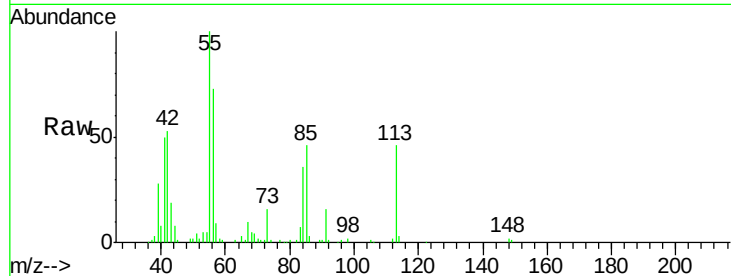




#35
 Caprolactam
 Concen: 41.86 ng
 RT: 9.47 min Scan# 725
 Delta R.T. -0.00 min
 Lab File: BF078815.D
 Acq: 29 Apr 2015 16:06

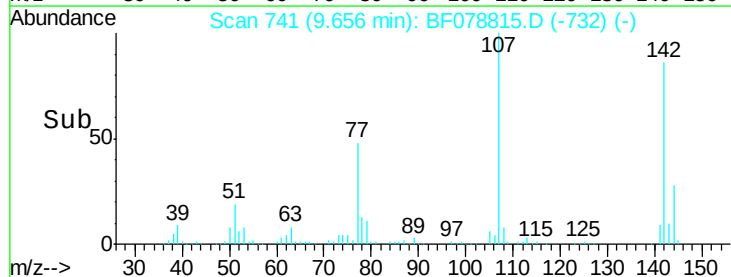
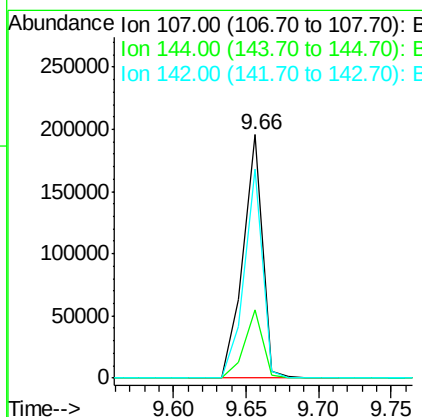
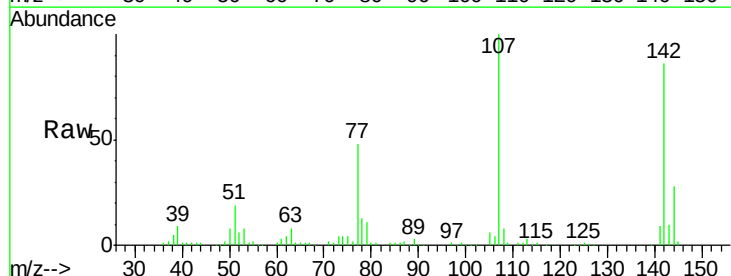
Instrument :
 BNA_F
 ClientSampleId :
 PB83017BS

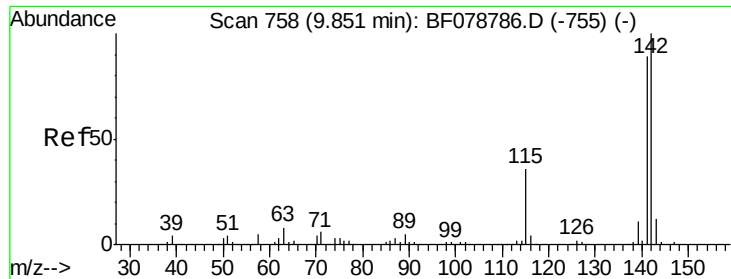
Tot Ion:113 Resp: 52067
 Ion Ratio Lower Upper
 113 100
 55 215.9 169.7 209.7#
 56 157.2 122.5 162.5



#36
 4-Chloro-3-methylphenol
 Concen: 44.76 ng
 RT: 9.66 min Scan# 741
 Delta R.T. -0.00 min
 Lab File: BF078815.D
 Acq: 29 Apr 2015 16:06

Tgt Ion:107 Resp: 183577
 Ion Ratio Lower Upper
 107 100
 144 28.0 19.8 29.6
 142 85.9 60.6 91.0

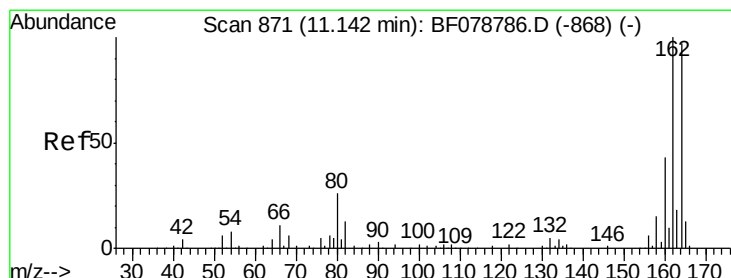
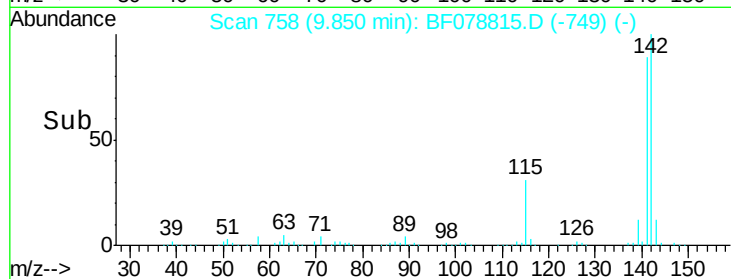
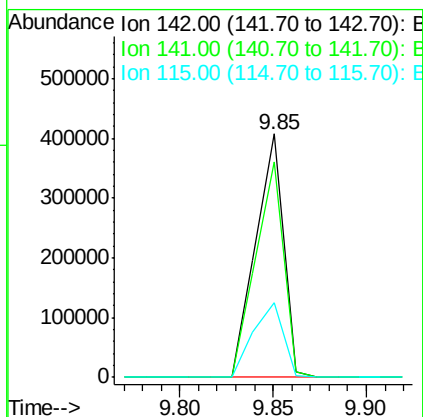
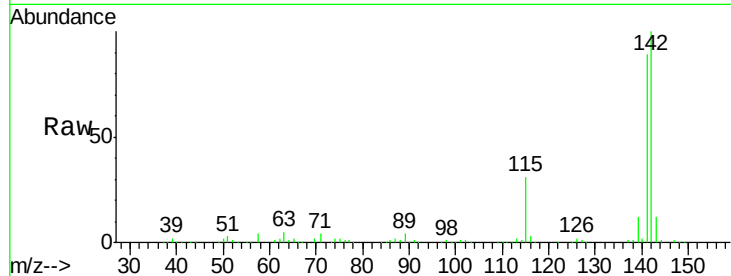




#37
2-Methylnaphthalene
Concen: 40.31 ng
RT: 9.85 min Scan# 758
Delta R.T. -0.00 min
Lab File: BF078815.D
Acq: 29 Apr 2015 16:06

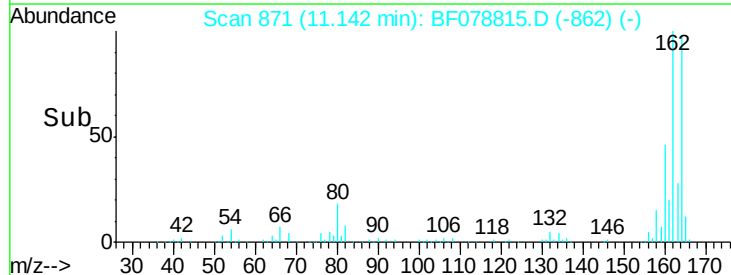
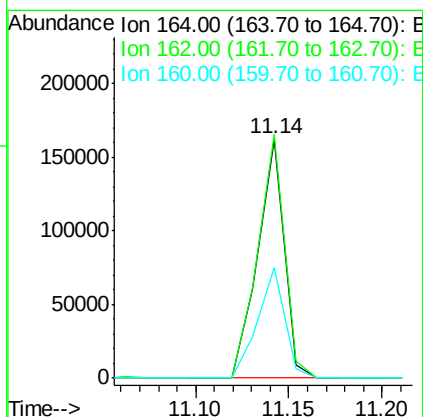
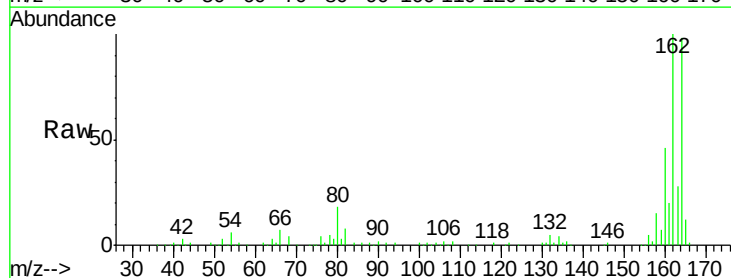
Instrument :
BNA_F
ClientSampleId :
PB83017BS

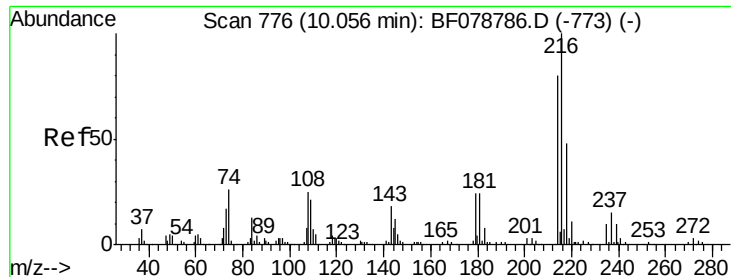
Tot Ion:142 Resp: 422298
Ion Ratio Lower Upper
142 100
141 88.6 70.9 106.3
115 30.8 28.5 42.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF078815.D
Acq: 29 Apr 2015 16:06

Tgt Ion:164 Resp: 158875
Ion Ratio Lower Upper
164 100
162 101.9 82.7 124.1
160 46.5 35.8 53.8

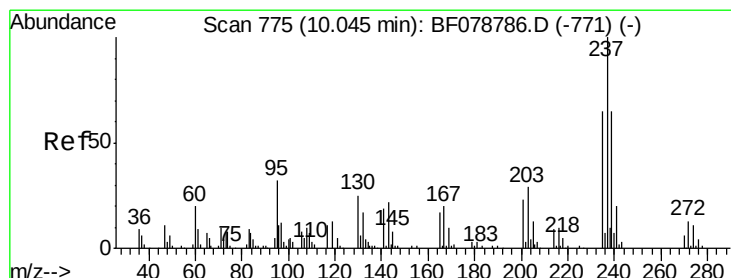
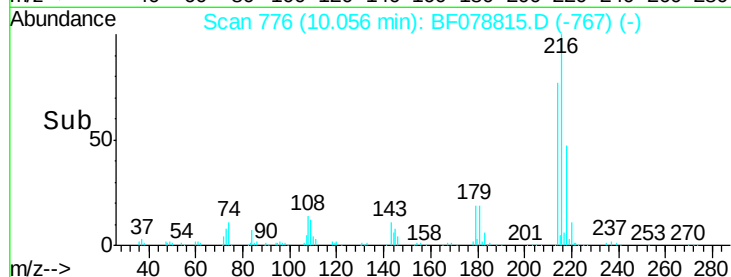
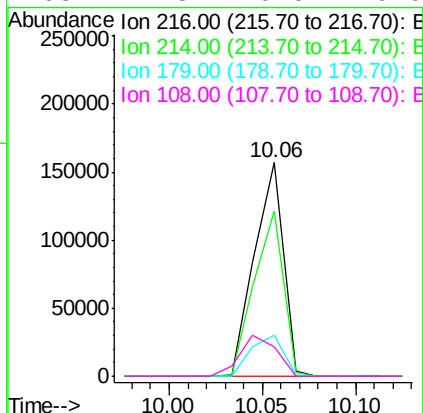
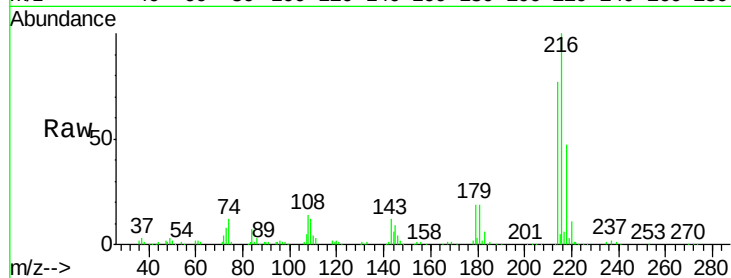




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.41 ng
 RT: 10.06 min Scan# 776
 Delta R.T. -0.00 min
 Lab File: BF078815.D
 Acq: 29 Apr 2015 16:06

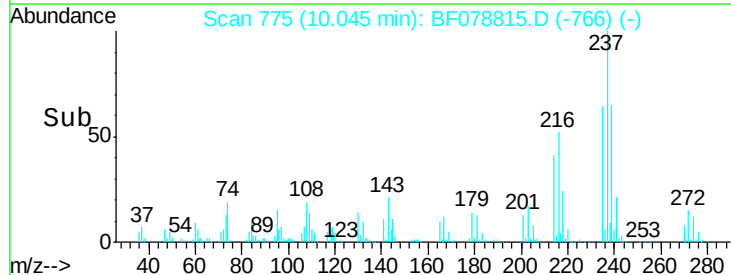
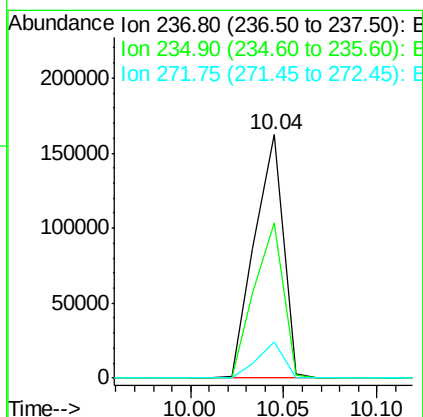
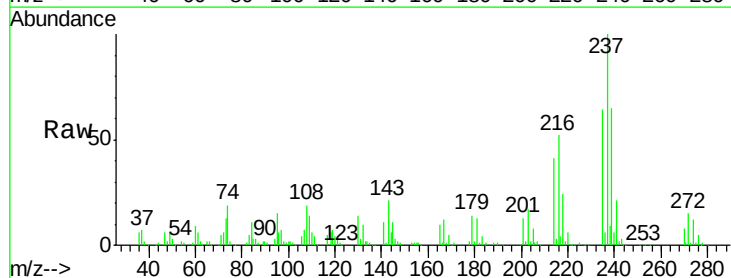
Instrument :
 BNA_F
 ClientSampleId :
 PB83017BS

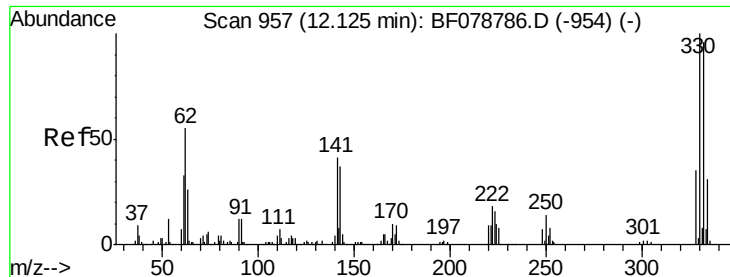
Tot Ion:216	Resp:	168396
Ion Ratio	Lower	Upper
216	100	
214	77.7	0.0 0.0#
179	21.8	0.0 0.0#
108	24.3	0.0 0.0#



#40
 Hexachlorocyclopentadiene
 Concen: 91.45 ng
 RT: 10.04 min Scan# 775
 Delta R.T. -0.00 min
 Lab File: BF078815.D
 Acq: 29 Apr 2015 16:06

Tgt Ion:237	Resp:	173047
Ion Ratio	Lower	Upper
237	100	
235	63.6	44.7 84.7
272	14.9	0.0 32.6

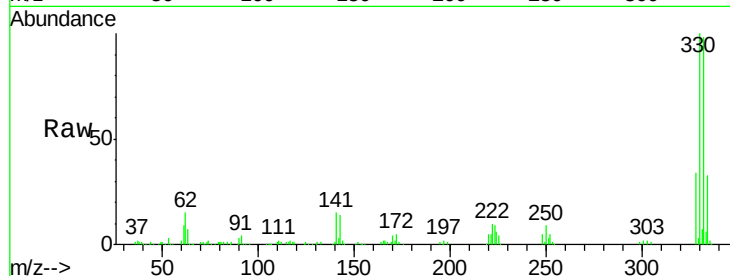




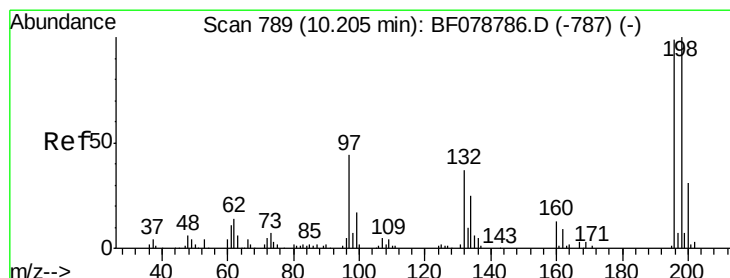
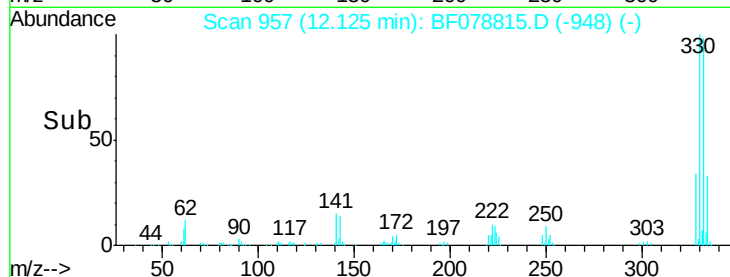
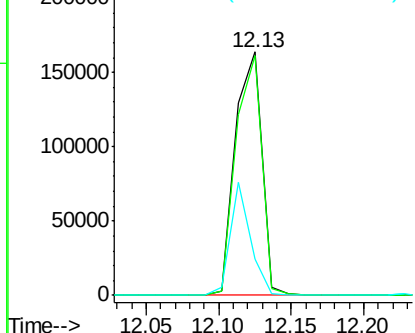
#41
 2,4,6-Tribromophenol
 Concen: 132.04 ng
 RT: 12.13 min Scan# 957
 Delta R.T. -0.00 min
 Lab File: BF078815.D
 Acq: 29 Apr 2015 16:06

Instrument :
 BNA_F
 ClientSampleId :
 PB83017BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	0.0	0.0#
141	35.3	0.0	0.0#

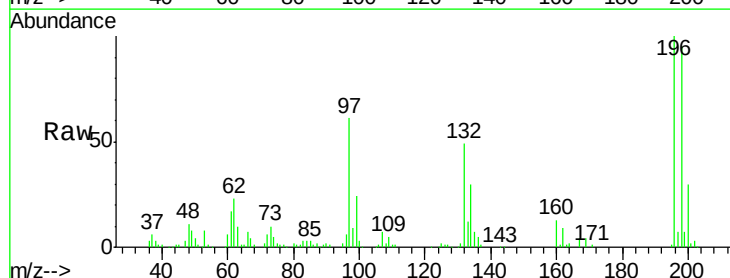


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

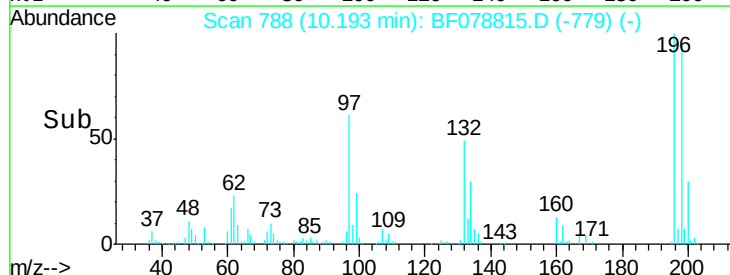
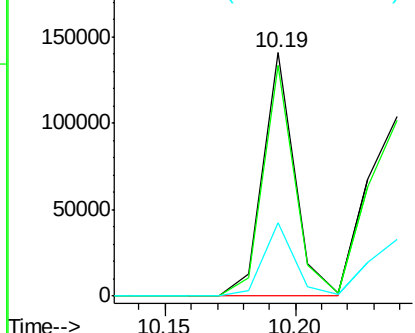


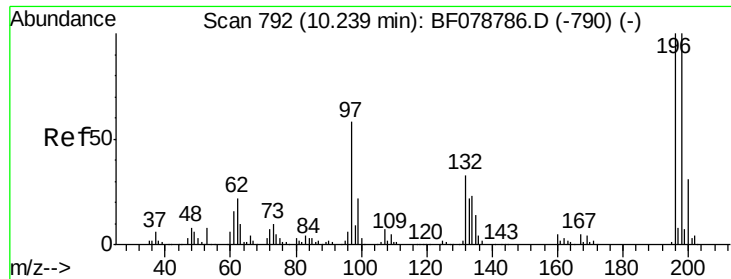
#42
 2,4,6-Trichlorophenol
 Concen: 43.42 ng
 RT: 10.19 min Scan# 788
 Delta R.T. -0.00 min
 Lab File: BF078815.D
 Acq: 29 Apr 2015 16:06

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.7	80.5	120.7
200	30.1	24.9	37.3



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

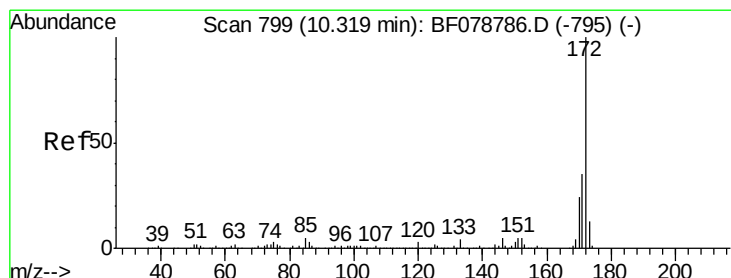
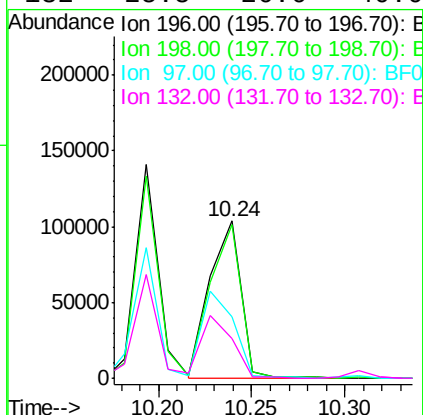
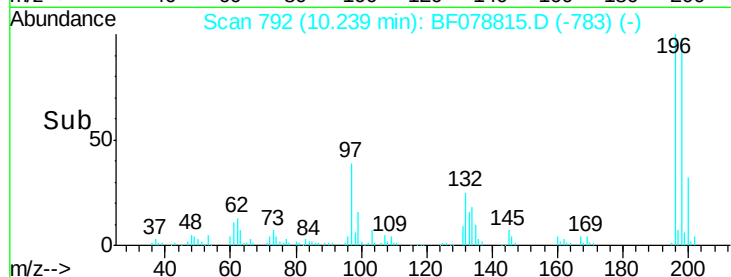
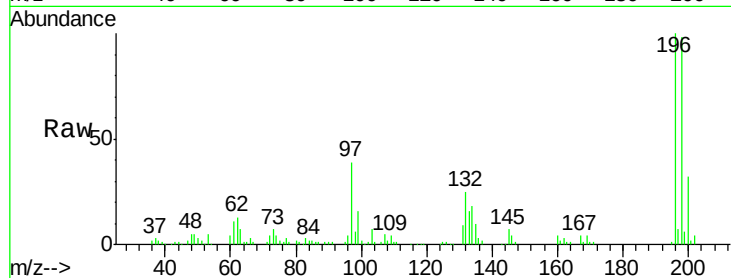




#43
2,4,5-Trichlorophenol
Concen: 41.49 ng
RT: 10.24 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF078815.D
Acq: 29 Apr 2015 16:06

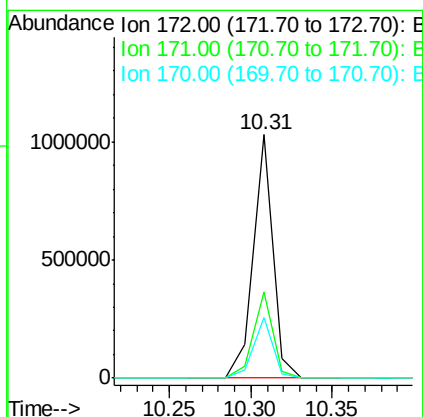
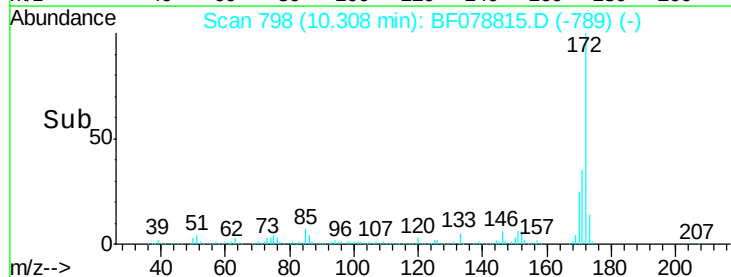
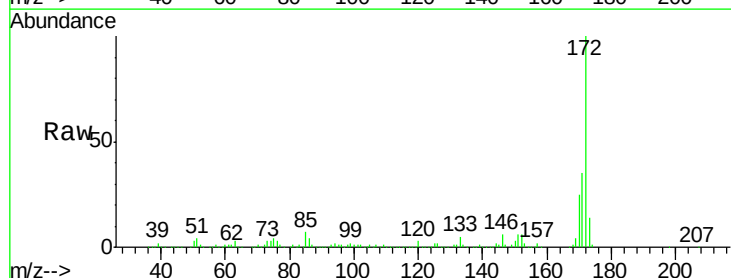
Instrument :
BNA_F
ClientSampleId :
PB83017BS

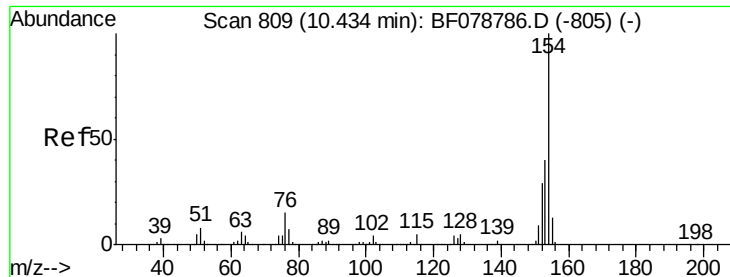
Tot Ion	Ratio	Lower	Upper
196	100		
198	98.1	79.8	119.6
97	39.3	46.0	69.0#
132	25.5	26.6	40.0#



#44
2-Fluorobiphenyl
Concen: 74.23 ng
RT: 10.31 min Scan# 798
Delta R.T. -0.00 min
Lab File: BF078815.D
Acq: 29 Apr 2015 16:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.9	41.9
170	24.7	19.4	29.0





#45

1,1'-Biphenyl

Concen: 39.03 ng

RT: 10.43 min Scan# 809

Delta R.T. -0.00 min

Lab File: BF078815.D

Acq: 29 Apr 2015 16:06

Instrument :

BNA_F

ClientSampleId :

PB83017BS

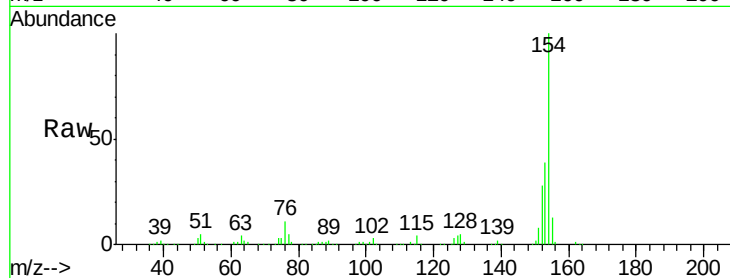
Tot Ion:154 Resp: 497606

Ion Ratio Lower Upper

154 100

153 39.4 19.9 59.9

76 10.5 0.0 35.0

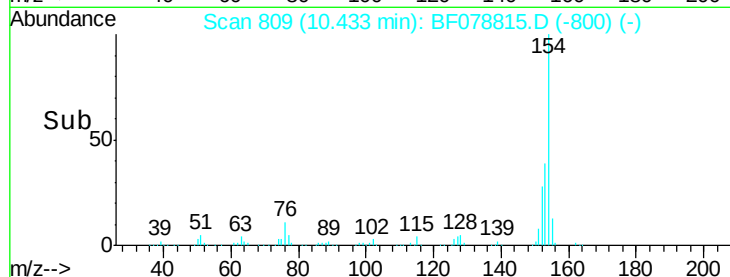


Abundance Ion 154.00 (153.70 to 154.70): E

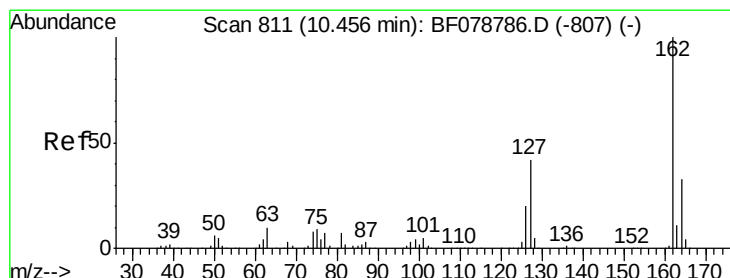
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

Time--> 10.35 10.40 10.45



Time--> 10.35 10.40 10.45



#46

2-Chloronaphthalene

Concen: 37.67 ng

RT: 10.46 min Scan# 811

Delta R.T. -0.00 min

Lab File: BF078815.D

Acq: 29 Apr 2015 16:06

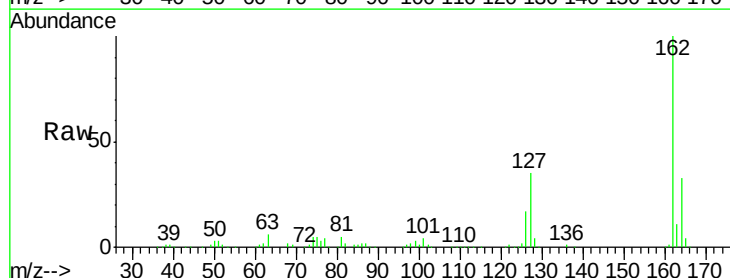
Tgt Ion:162 Resp: 375374

Ion Ratio Lower Upper

162 100

127 35.4 33.9 50.9

164 32.9 26.3 39.5

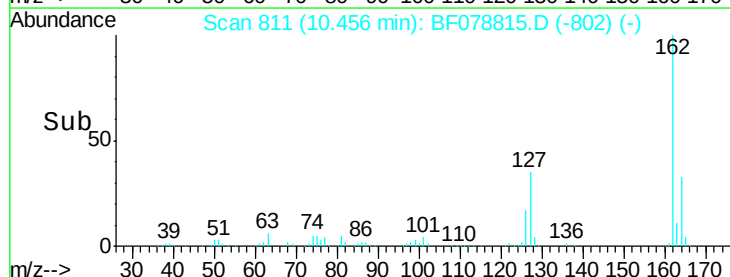


Abundance Ion 162.00 (161.70 to 162.70): E

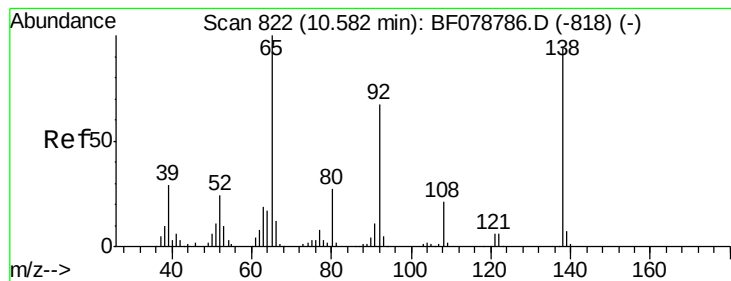
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

Time--> 10.40 10.45 10.50



Time--> 10.40 10.45 10.50



#47

2-Nitroaniline

Concen: 46.12 ng

RT: 10.57 min Scan# 821

Delta R.T. -0.00 min

Lab File: BF078815.D

Acq: 29 Apr 2015 16:06

Instrument :

BNA_F

ClientSampleId :

PB83017BS

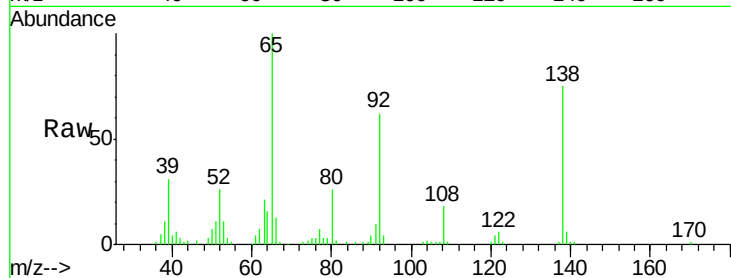
Tot Ion: 65 Resp: 100363

Ion Ratio Lower Upper

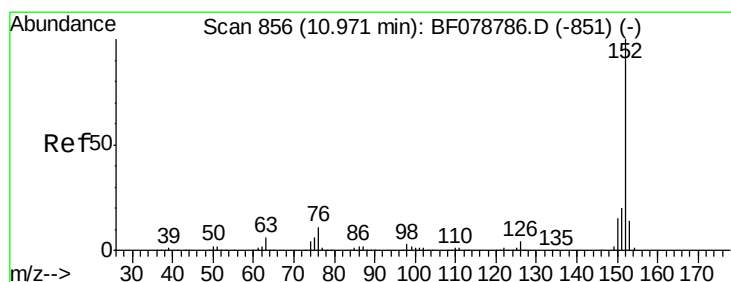
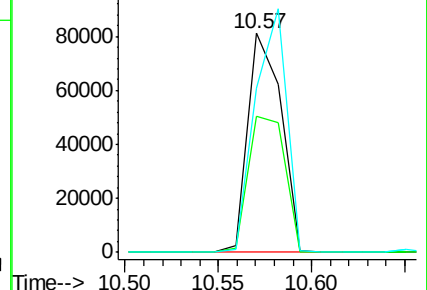
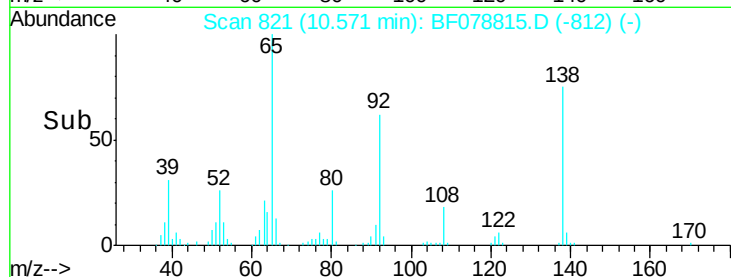
65 100

92 62.0 54.0 81.0

138 75.2 75.0 112.6



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



#48

Acenaphthylene

Concen: 37.78 ng

RT: 10.96 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF078815.D

Acq: 29 Apr 2015 16:06

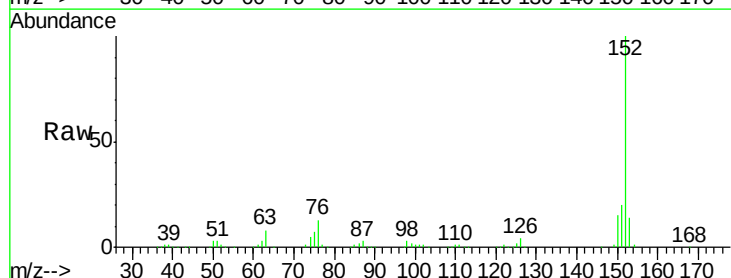
Tgt Ion: 152 Resp: 615978

Ion Ratio Lower Upper

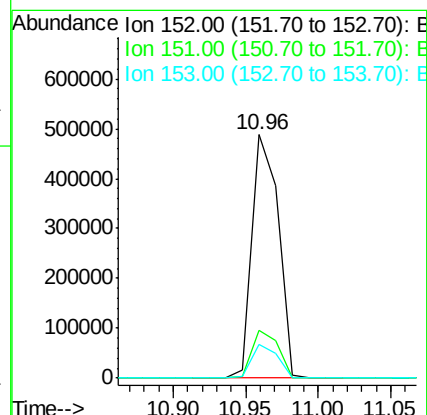
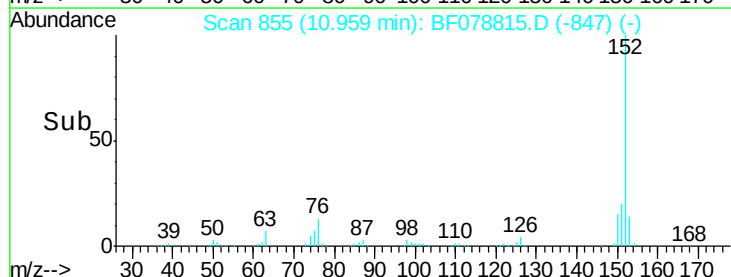
152 100

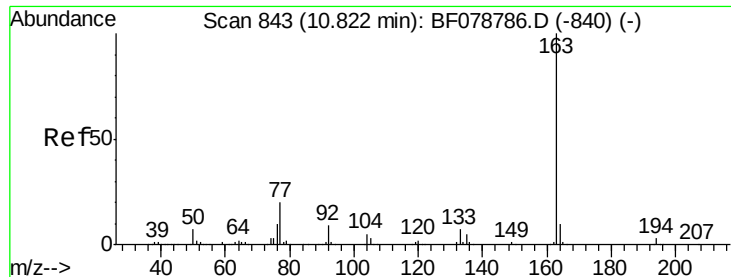
151 19.7 16.2 24.4

153 13.6 10.9 16.3



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





#49

Dimethylphthalate

Concen: 38.99 ng

RT: 10.81 min Scan# 842

Delta R.T. -0.00 min

Lab File: BF078815.D

Acq: 29 Apr 2015 16:06

Instrument :

BNA_F

ClientSampleId :

PB83017BS

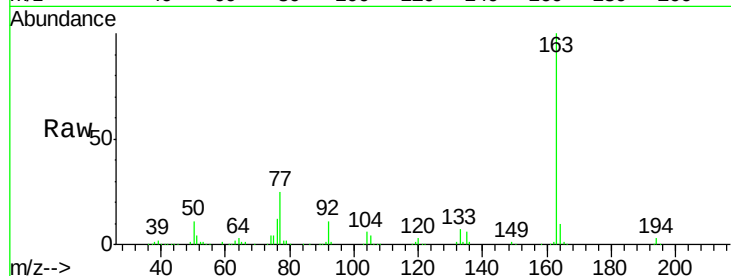
Tot Ion:163 Resp: 440357

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

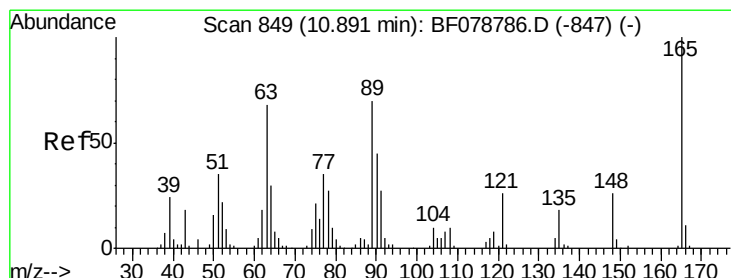
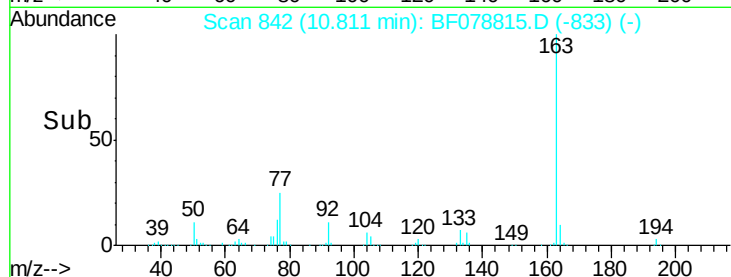
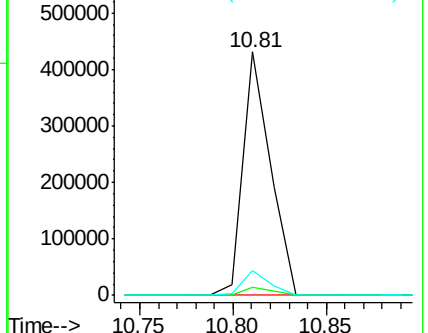
164 10.4 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 45.28 ng

RT: 10.89 min Scan# 849

Delta R.T. -0.00 min

Lab File: BF078815.D

Acq: 29 Apr 2015 16:06

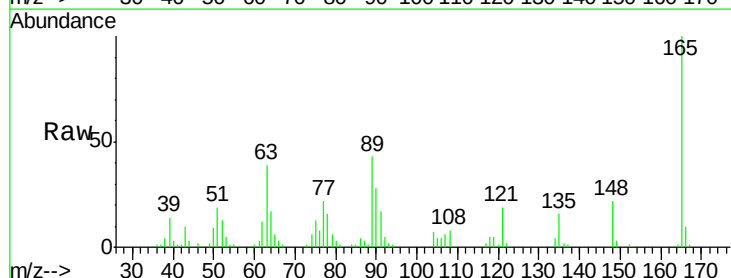
Tgt Ion:165 Resp: 83317

Ion Ratio Lower Upper

165 100

63 39.1 54.4 81.6#

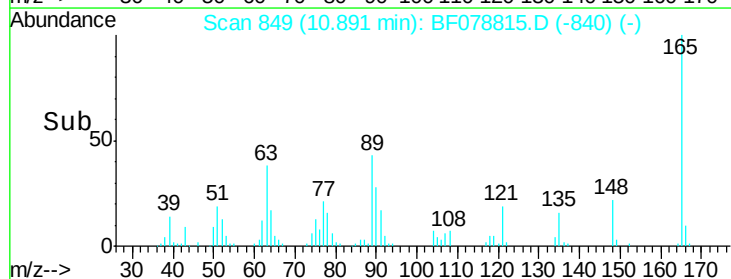
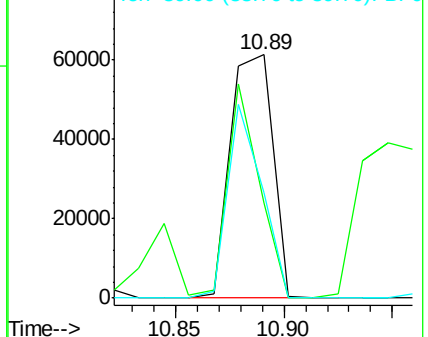
89 43.4 55.7 83.5#

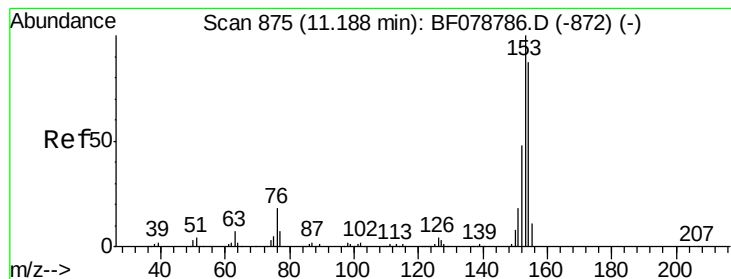


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.27 ng

RT: 11.18 min Scan# 874

Delta R.T. -0.00 min

Lab File: BF078815.D

Acq: 29 Apr 2015 16:06

Instrument :

BNA_F

ClientSampleId :

PB83017BS

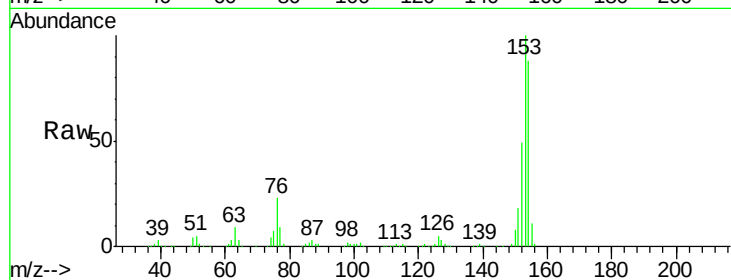
Tot Ion:154 Resp: 376001

Ion Ratio Lower Upper

154 100

153 113.1 91.5 137.3

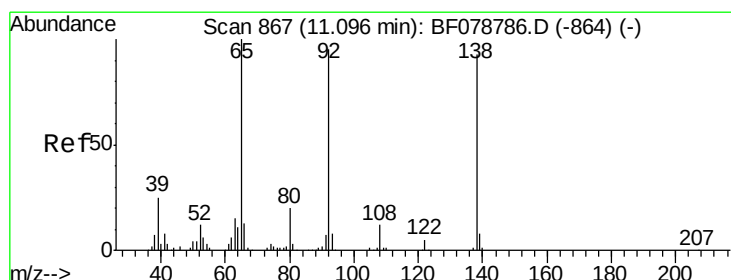
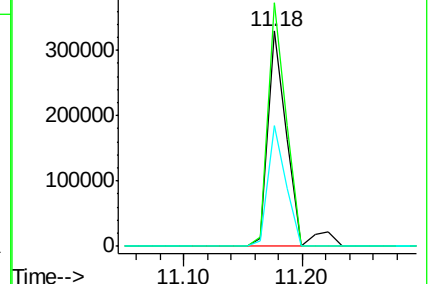
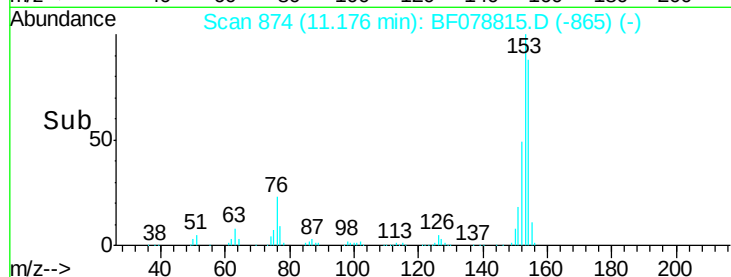
152 55.8 44.2 66.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 29.21 ng

RT: 11.08 min Scan# 866

Delta R.T. -0.00 min

Lab File: BF078815.D

Acq: 29 Apr 2015 16:06

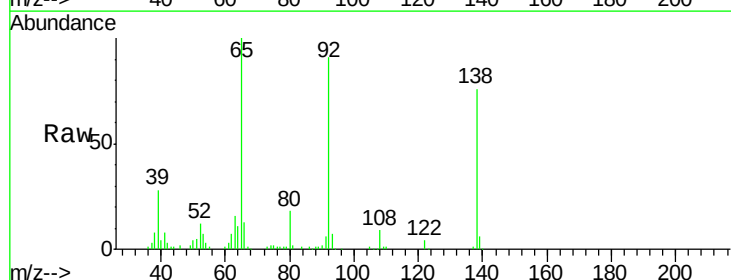
Tgt Ion:138 Resp: 69733

Ion Ratio Lower Upper

138 100

108 11.2 10.6 16.0

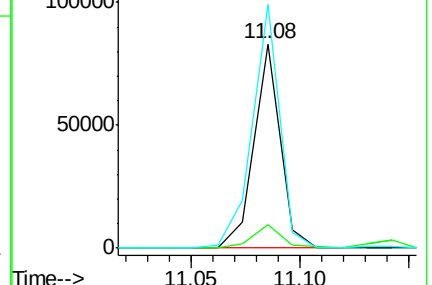
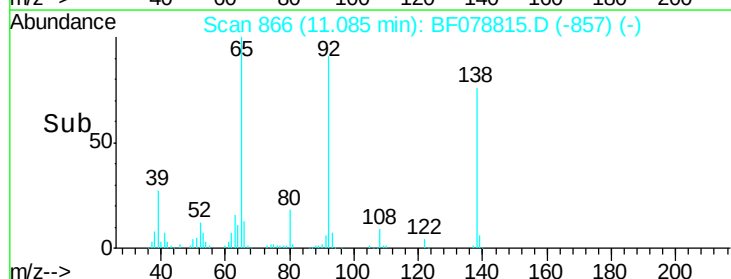
92 119.1 81.8 122.6

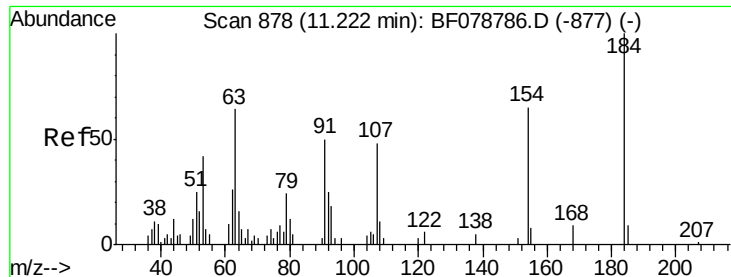


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

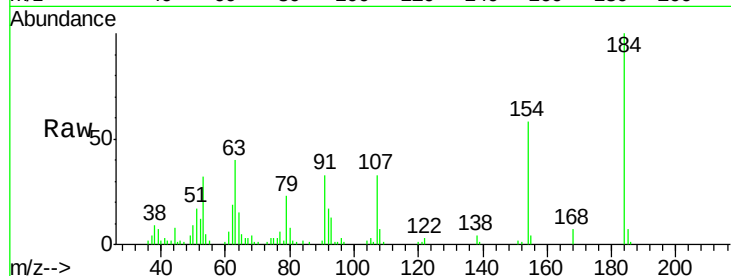




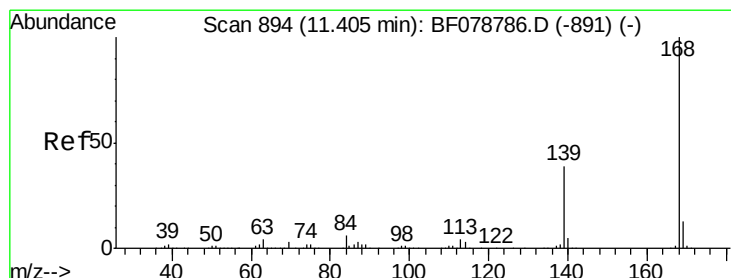
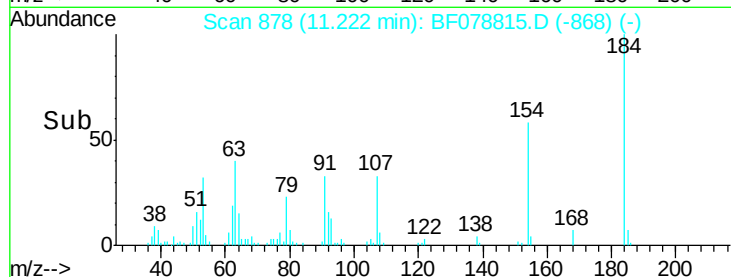
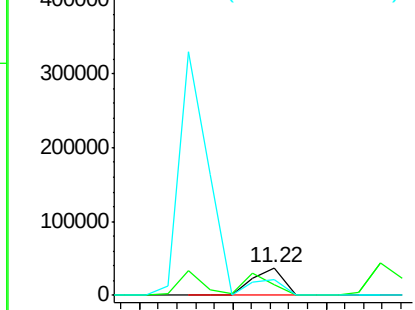
#53
2,4-Dinitrophenol
Concen: 146.74 ng
RT: 11.22 min Scan# 878
Delta R.T. 0.01 min
Lab File: BF078815.D
Acq: 29 Apr 2015 16:06

Instrument :
BNA_F
ClientSampleId :
PB83017BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	40.4	63.3	94.9#
154	58.4	53.8	80.6

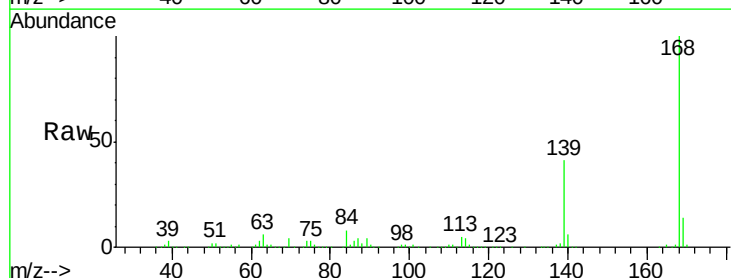


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

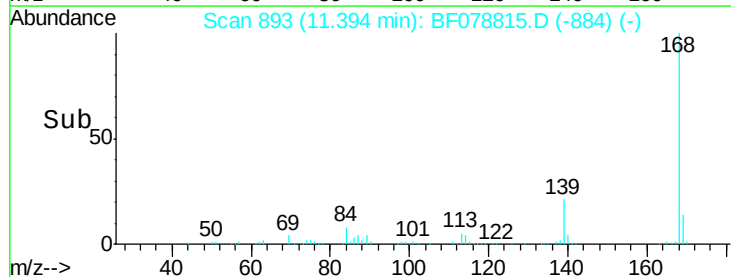
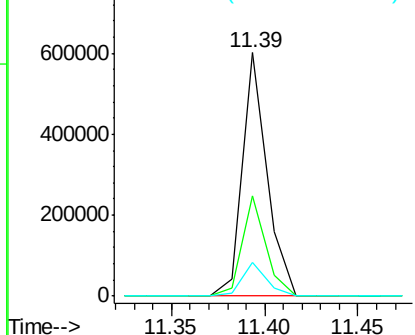


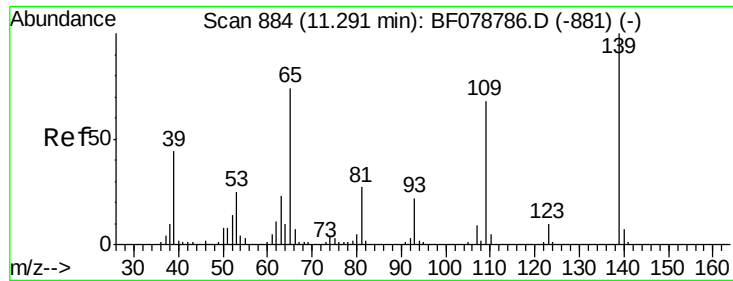
#54
Dibenzofuran
Concen: 39.35 ng
RT: 11.39 min Scan# 893
Delta R.T. -0.00 min
Lab File: BF078815.D
Acq: 29 Apr 2015 16:06

Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.1	31.0	46.4
169	14.0	10.6	16.0



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

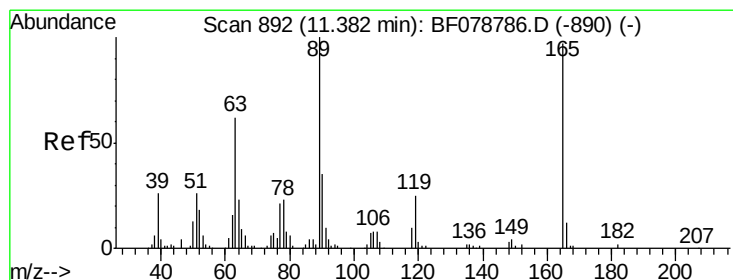
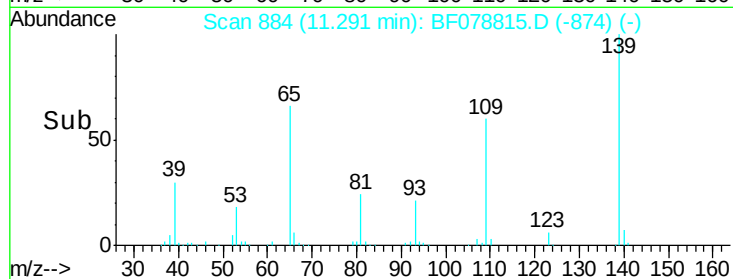
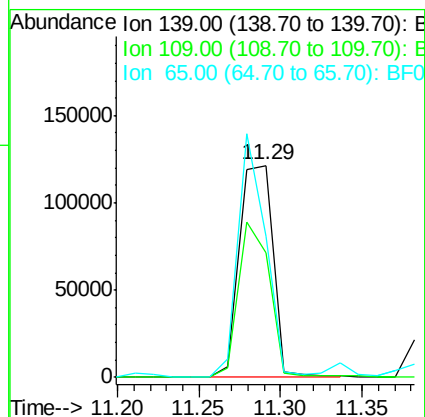
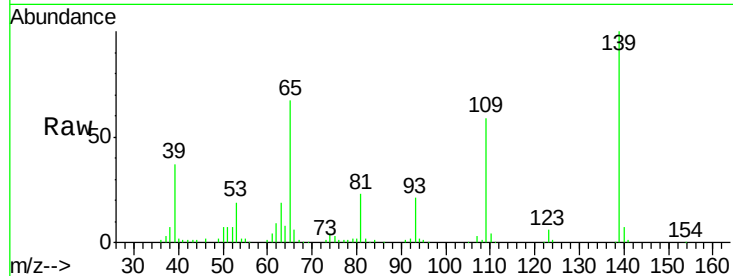




#55
4-Nitrophenol
Concen: 89.69 ng
RT: 11.29 min Scan# 884
Delta R.T. 0.01 min
Lab File: BF078815.D
Acq: 29 Apr 2015 16:06

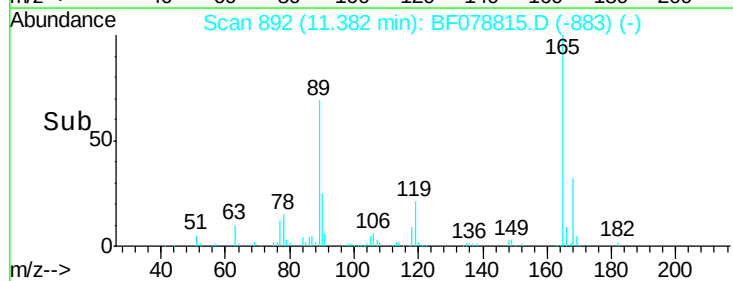
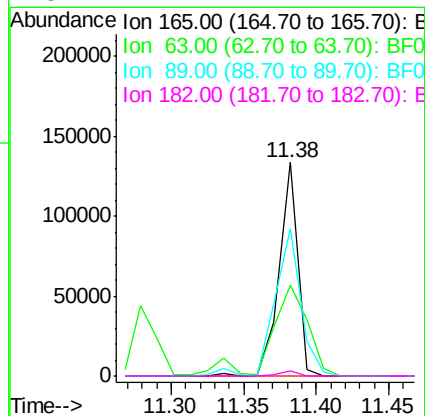
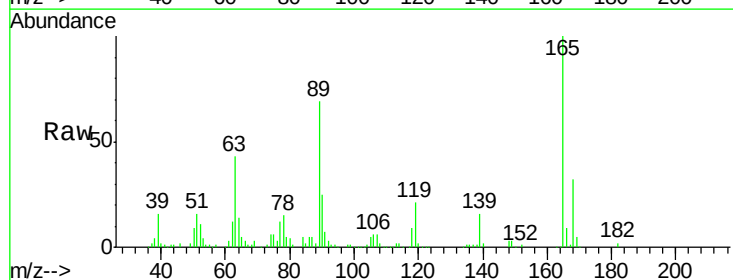
Instrument :
BNA_F
ClientSampleId :
PB83017BS

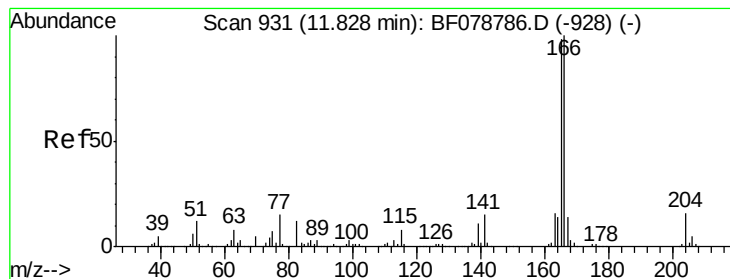
Tot Ion:139 Resp: 173467
Ion Ratio Lower Upper
139 100
109 58.8 47.6 87.6
65 66.6 54.3 94.3



#56
2,4-Dinitrotoluene
Concen: 52.08 ng
RT: 11.38 min Scan# 892
Delta R.T. -0.00 min
Lab File: BF078815.D
Acq: 29 Apr 2015 16:06

Tgt Ion:165 Resp: 118426
Ion Ratio Lower Upper
165 100
63 42.8 51.2 76.8#
89 68.7 82.7 124.1#
182 2.2 1.4 2.2#





#57

Fluorene

Concen: 39.59 ng

RT: 11.82 min Scan# 930

Delta R.T. -0.00 min

Lab File: BF078815.D

Acq: 29 Apr 2015 16:06

Instrument :

BNA_F

ClientSampleId :

PB83017BS

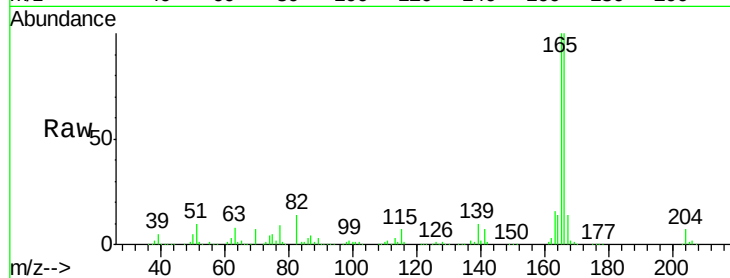
Tot Ion:166 Resp: 444600

Ion Ratio Lower Upper

166 100

165 99.6 78.5 117.7

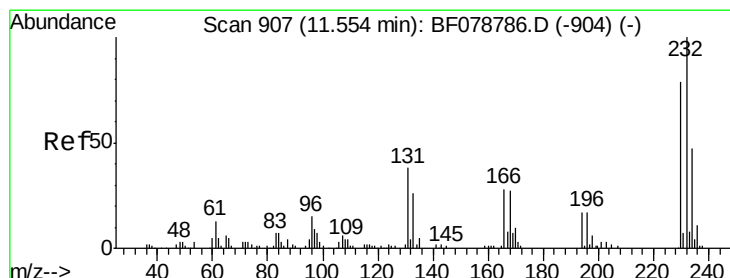
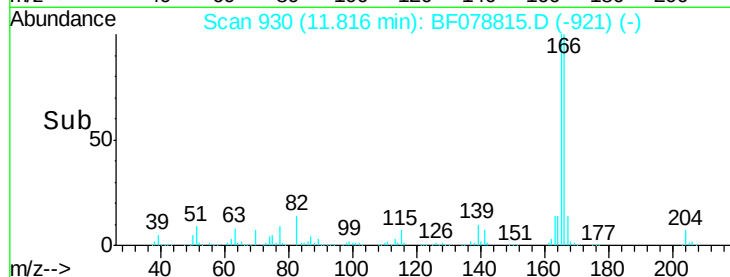
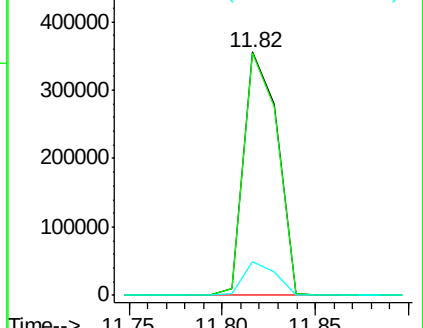
167 14.0 11.0 16.6



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: 45.57 ng

RT: 11.54 min Scan# 906

Delta R.T. -0.00 min

Lab File: BF078815.D

Acq: 29 Apr 2015 16:06

Tgt Ion:232 Resp: 99615

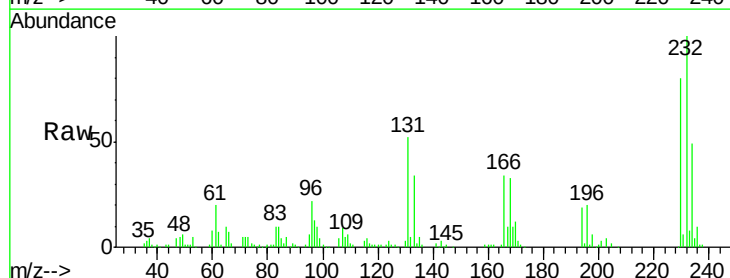
Ion Ratio Lower Upper

232 100

131 54.4 0.0 0.0#

130 2.5 0.0 0.0#

166 34.2 0.0 0.0#

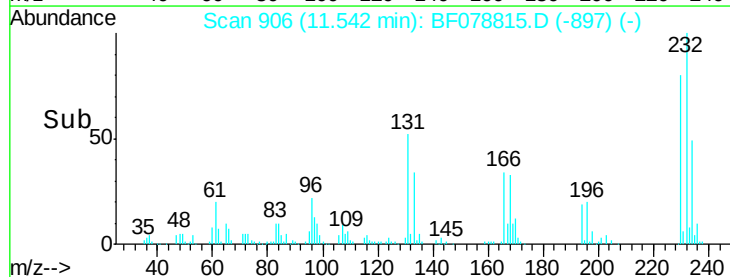
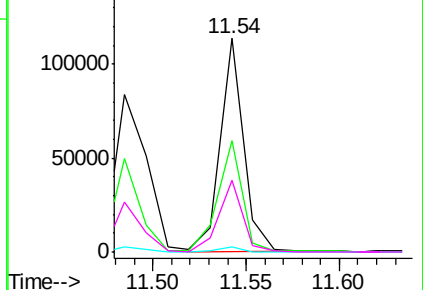


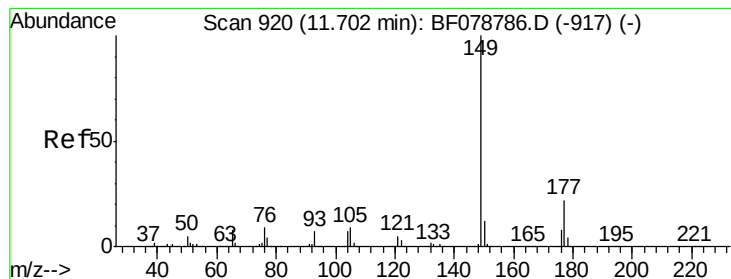
Abundance Ion 232.00 (231.70 to 232.70): E

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: 39.65 ng

RT: 11.69 min Scan# 919

Delta R.T. -0.00 min

Lab File: BF078815.D

Acq: 29 Apr 2015 16:06

Instrument :

BNA_F

ClientSampleId :

PB83017BS

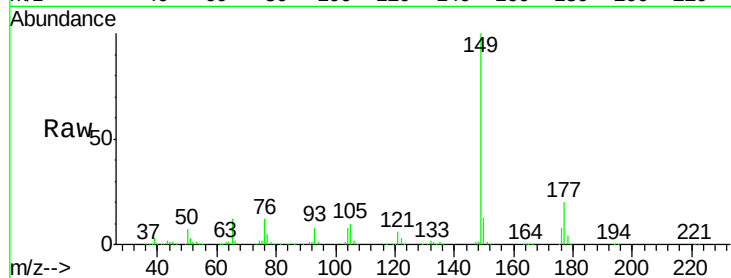
Tot Ion:149 Resp: 445599

Ion Ratio Lower Upper

149 100

177 19.9 17.5 26.3

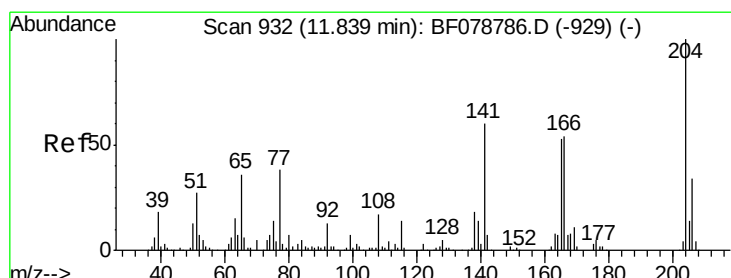
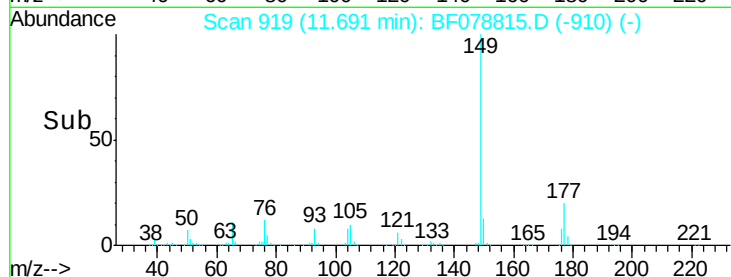
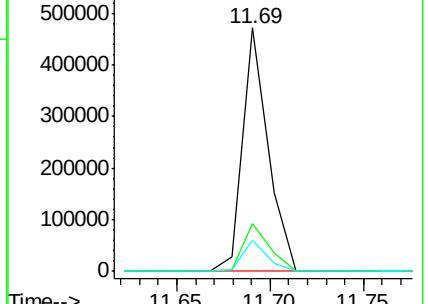
150 12.8 9.6 14.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 39.62 ng

RT: 11.83 min Scan# 931

Delta R.T. -0.00 min

Lab File: BF078815.D

Acq: 29 Apr 2015 16:06

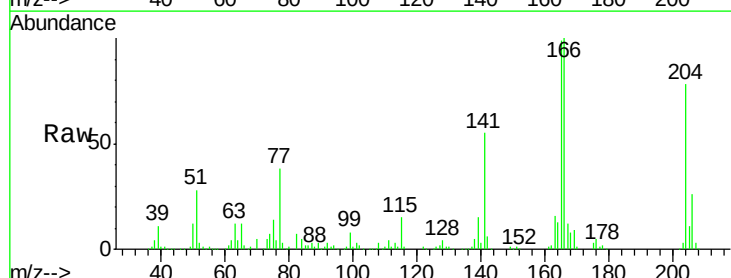
Tgt Ion:204 Resp: 197948

Ion Ratio Lower Upper

204 100

206 33.4 26.9 40.3

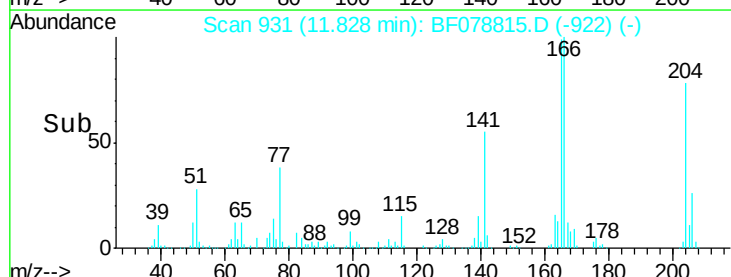
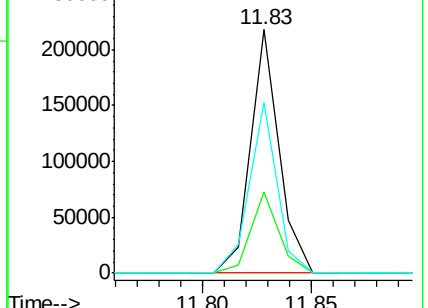
141 69.9 48.3 72.5

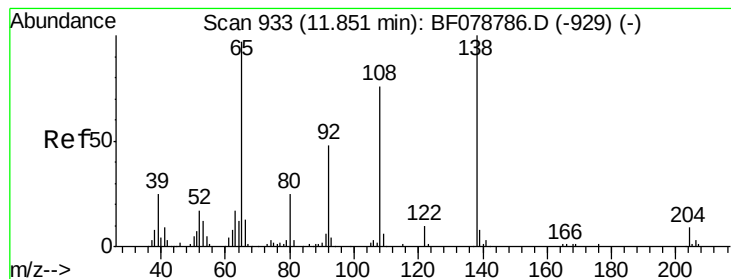


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 40.29 ng

RT: 11.84 min Scan# 932

Delta R.T. -0.00 min

Lab File: BF078815.D

Acq: 29 Apr 2015 16:06

Instrument :

BNA_F

ClientSampleId :

PB83017BS

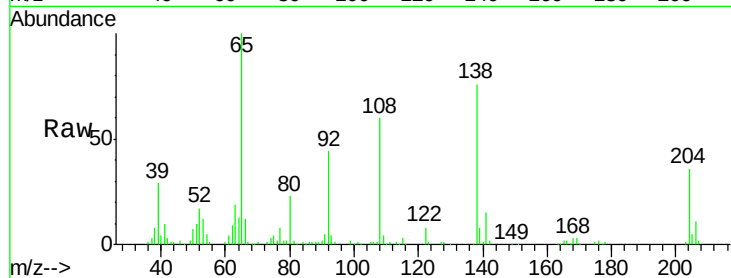
Tot Ion:138 Resp: 96067

Ion Ratio Lower Upper

138 100

92 57.1 28.0 68.0

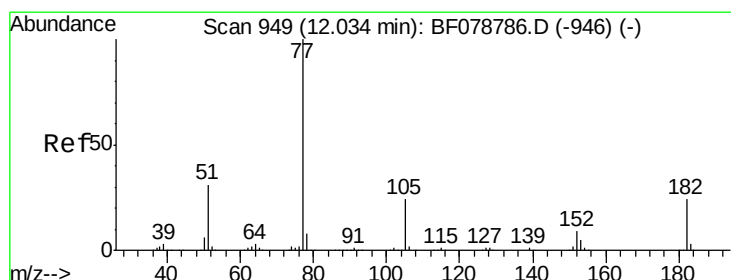
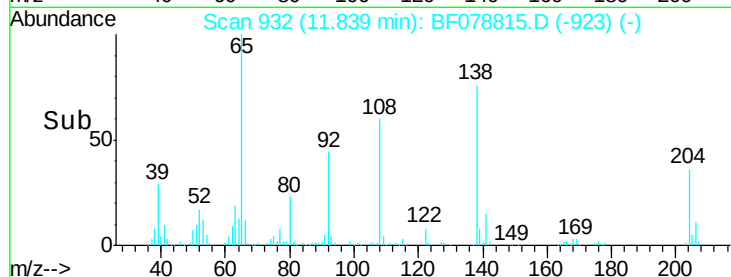
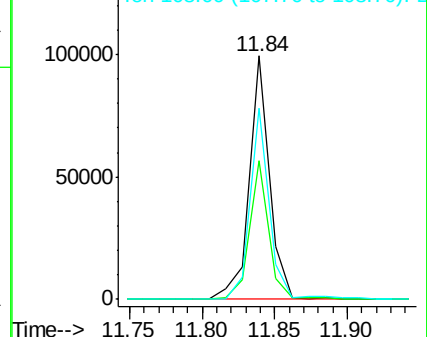
108 78.3 56.3 96.3



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: 42.44 ng

RT: 12.02 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF078815.D

Acq: 29 Apr 2015 16:06

Tgt Ion: 77 Resp: 486366

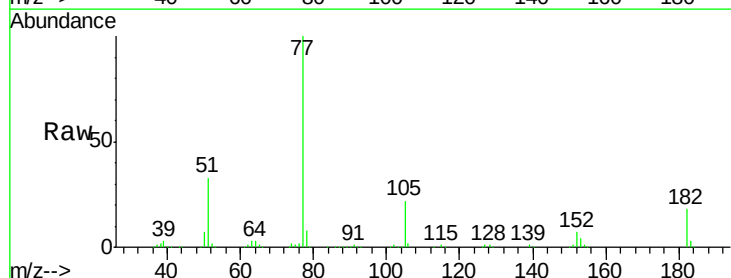
Ion Ratio Lower Upper

77 100

182 18.0 3.8 43.8

105 22.2 3.9 43.9

51 32.8 10.8 50.8

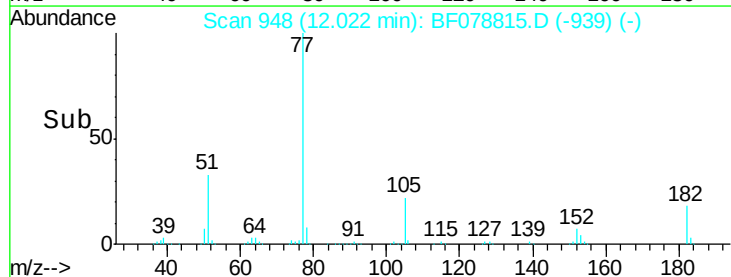
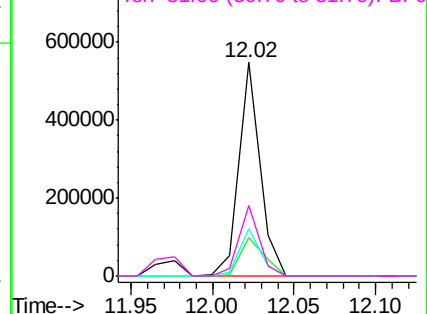


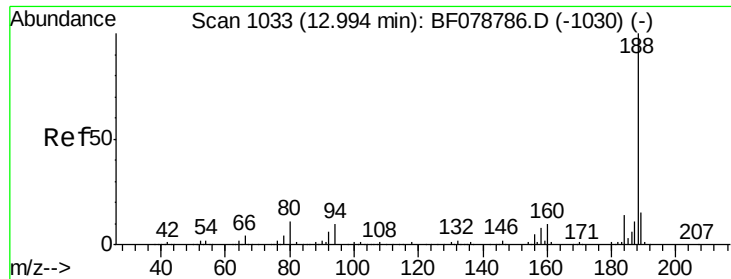
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

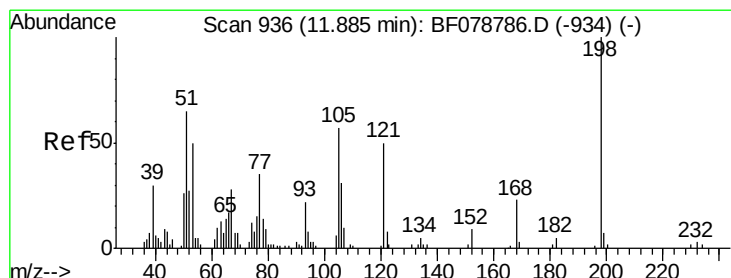
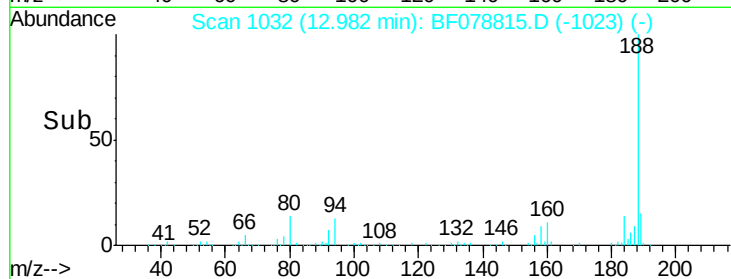
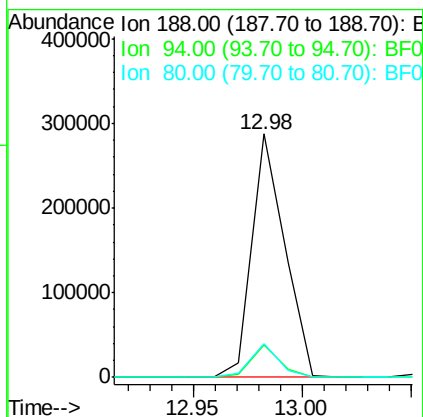
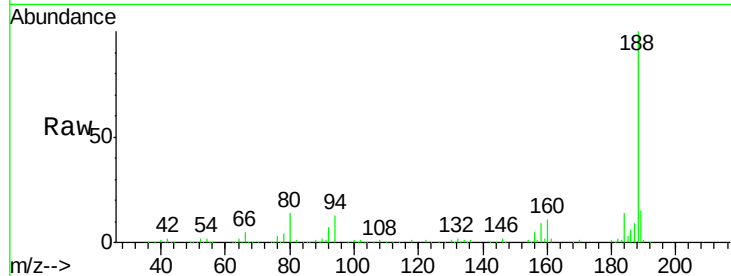




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.98 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF078815.D
Acq: 29 Apr 2015 16:06

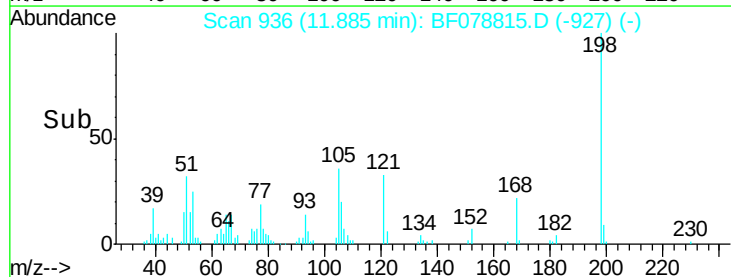
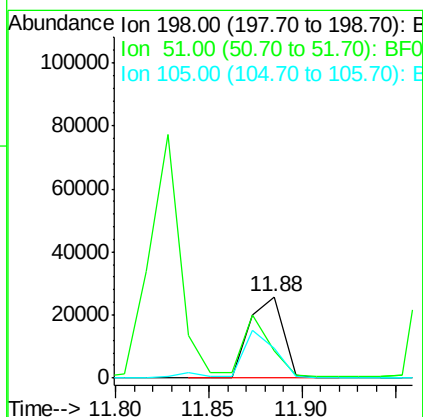
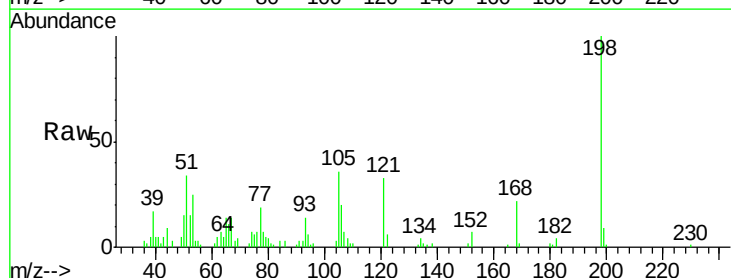
Instrument :
BNA_F
ClientSampleId :
PB83017BS

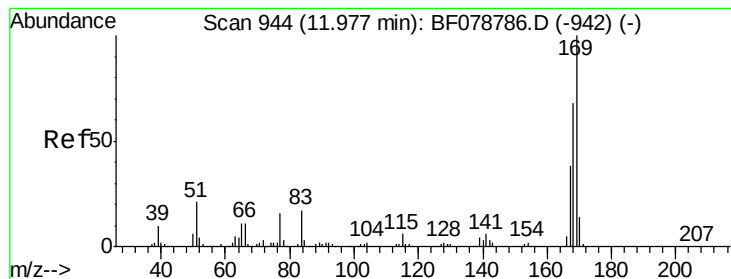
Tot Ion	Ratio	Lower	Upper
188	100		
94	13.2	8.2	12.2#
80	13.9	8.9	13.3#



#64
4,6-Dinitro-2-methylphenol
Concen: 59.65 ng
RT: 11.88 min Scan# 936
Delta R.T. -0.00 min
Lab File: BF078815.D
Acq: 29 Apr 2015 16:06

Tgt Ion	Ratio	Lower	Upper
198	100		
51	33.8	47.3	87.3#
105	36.1	38.8	78.8#





#65

n-Nitrosodiphenylamine

Concen: 40.54 ng

RT: 11.98 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF078815.D

Acq: 29 Apr 2015 16:06

Instrument :

BNA_F

ClientSampleId :

PB83017BS

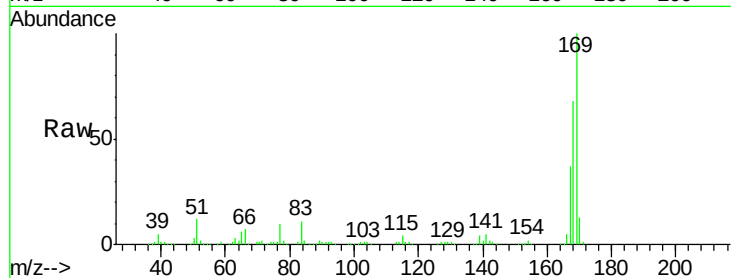
Tot Ion:169 Resp: 395916

Ion Ratio Lower Upper

169 100

168 67.6 54.6 82.0

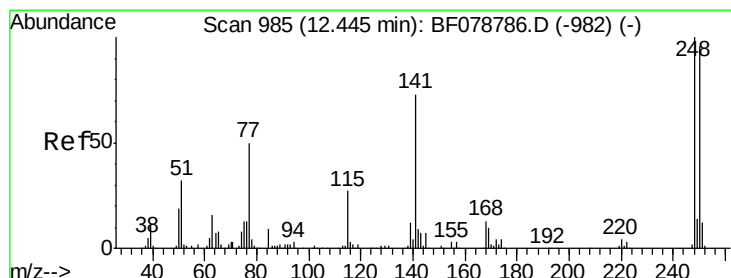
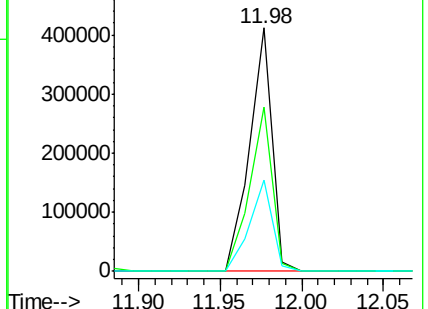
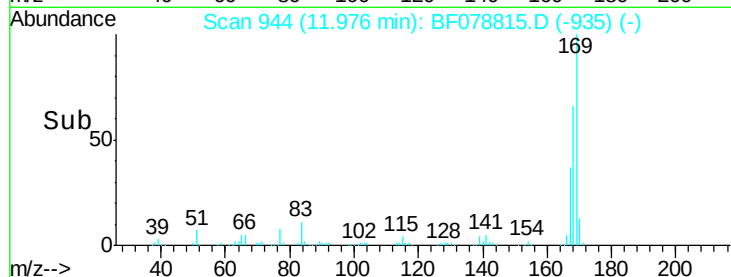
167 37.4 30.6 45.8



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: 39.99 ng

RT: 12.43 min Scan# 984

Delta R.T. -0.00 min

Lab File: BF078815.D

Acq: 29 Apr 2015 16:06

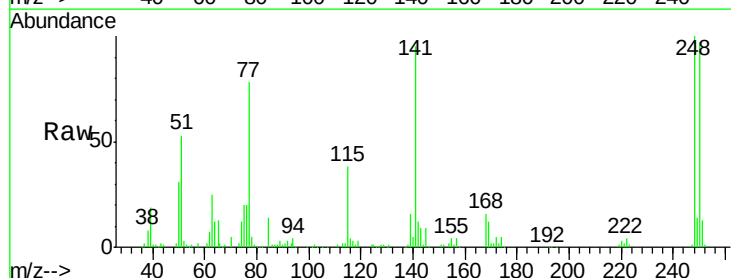
Tgt Ion:248 Resp: 121959

Ion Ratio Lower Upper

248 100

250 97.3 77.1 115.7

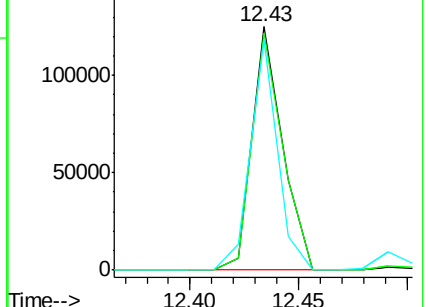
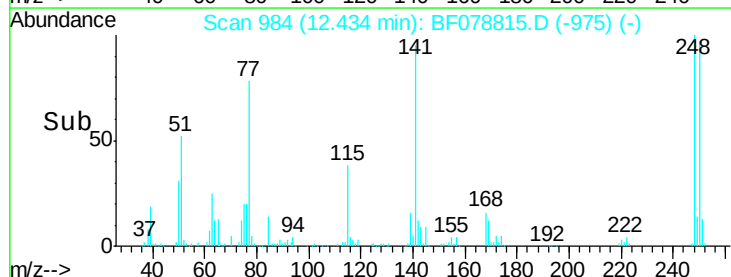
141 94.8 58.8 88.2#

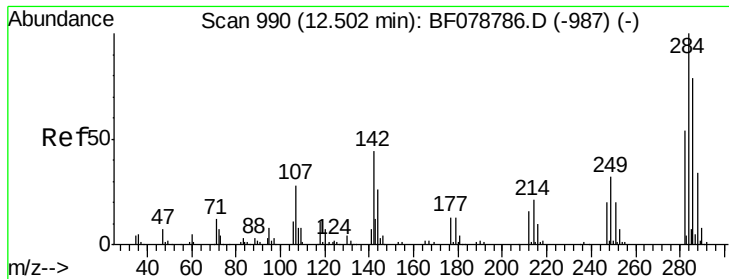


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 40.27 ng

RT: 12.49 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF078815.D

Acq: 29 Apr 2015 16:06

Instrument :

BNA_F

ClientSampleId :

PB83017BS

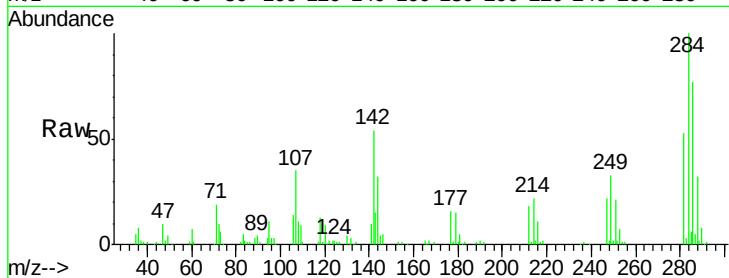
Tot Ion:284 Resp: 139103

Ion Ratio Lower Upper

284 100

142 53.5 35.2 52.8#

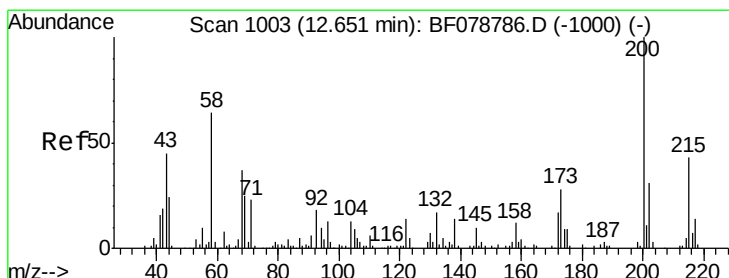
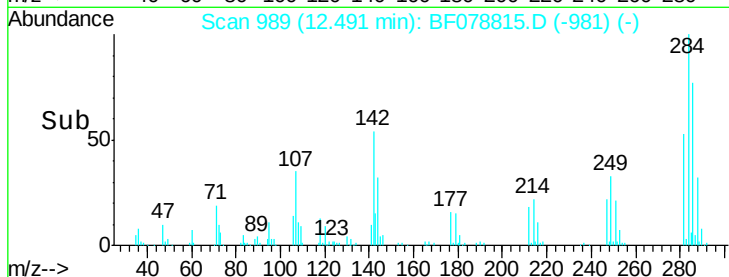
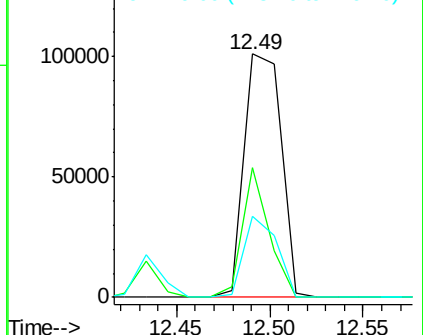
249 33.2 25.4 38.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 44.60 ng

RT: 12.64 min Scan# 1002

Delta R.T. -0.00 min

Lab File: BF078815.D

Acq: 29 Apr 2015 16:06

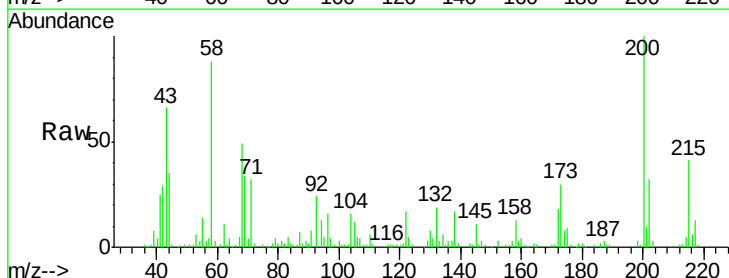
Tgt Ion:200 Resp: 116664

Ion Ratio Lower Upper

200 100

173 29.5 8.1 48.1

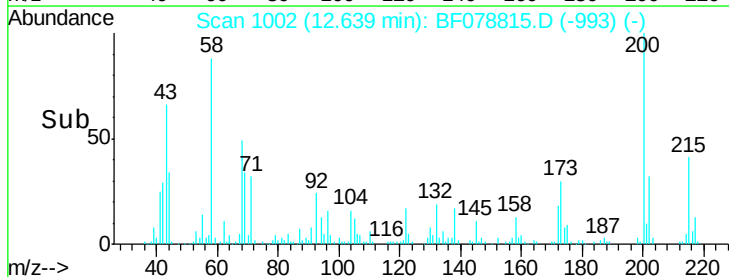
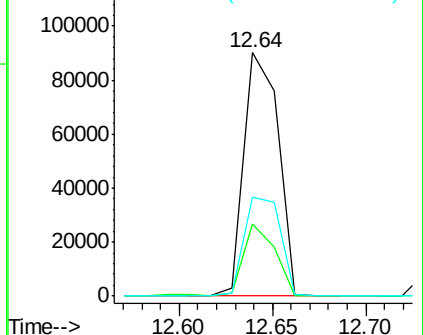
215 40.6 22.9 62.9

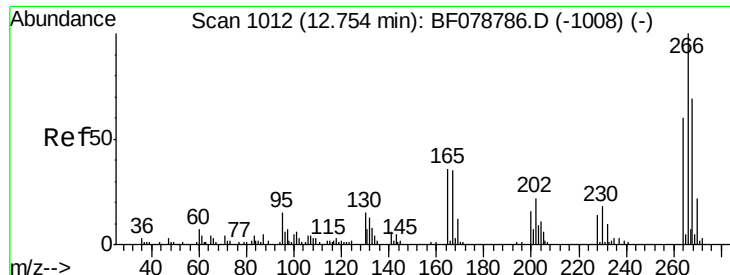


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

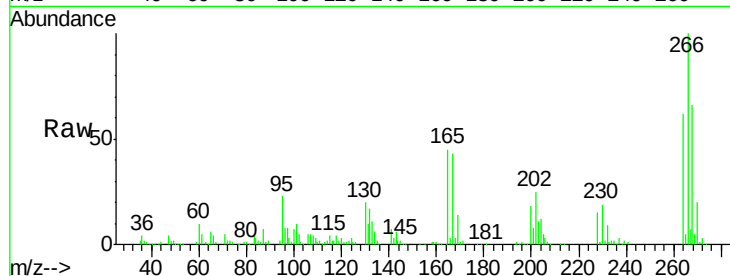




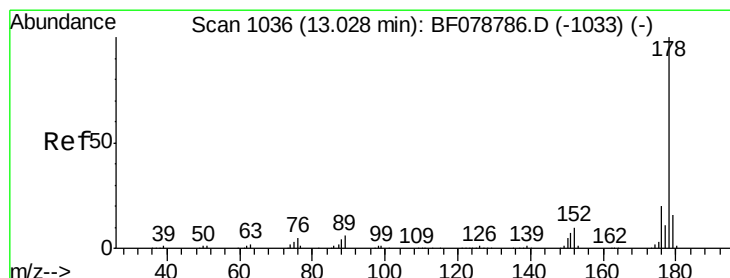
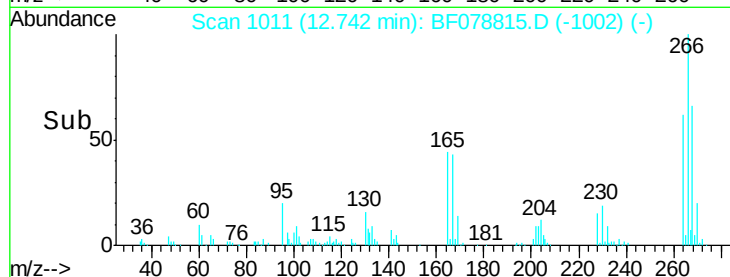
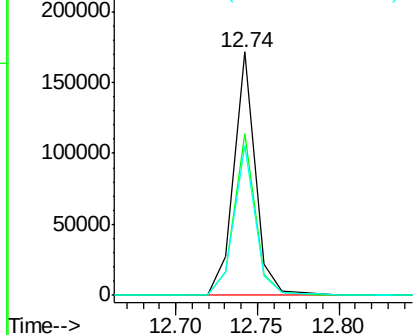
#69
 Pentachlorophenol
 Concen: 84.66 ng
 RT: 12.74 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: BF078815.D
 Acq: 29 Apr 2015 16:06

Instrument :
 BNA_F
 ClientSampleId :
 PB83017BS

Tot Ion:266 Resp: 156044
 Ion Ratio Lower Upper
 266 100
 268 66.4 55.0 82.6
 264 61.9 48.2 72.2

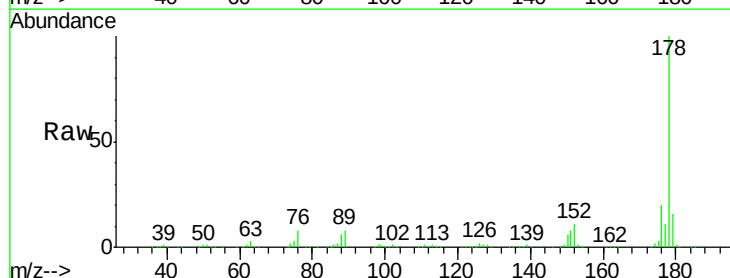


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

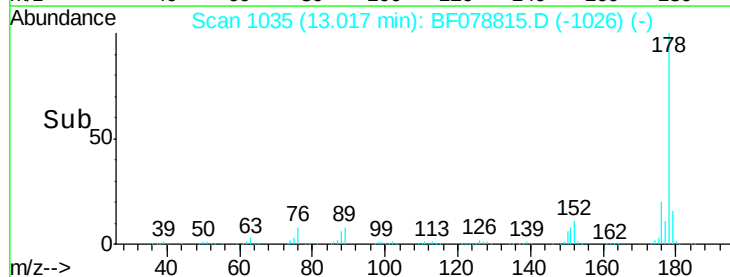
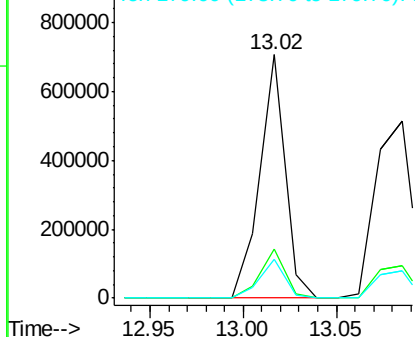


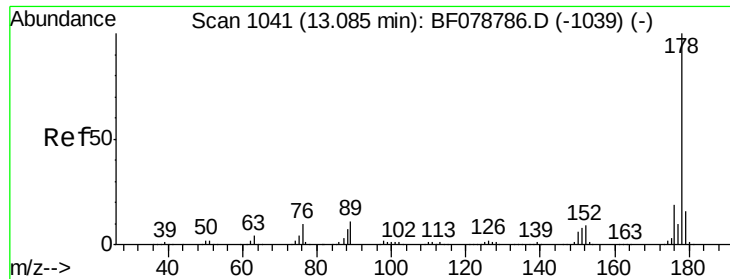
#70
 Phenanthrene
 Concen: 40.39 ng
 RT: 13.02 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BF078815.D
 Acq: 29 Apr 2015 16:06

Tgt Ion:178 Resp: 660625
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.8 23.8
 179 15.9 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

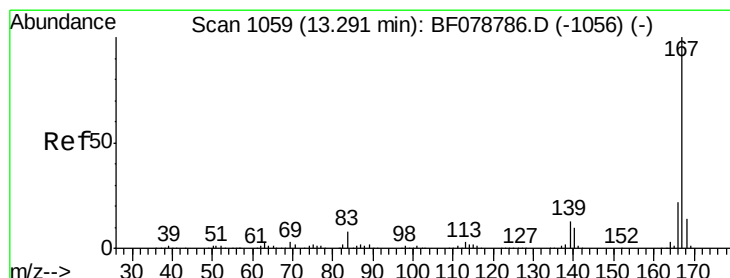
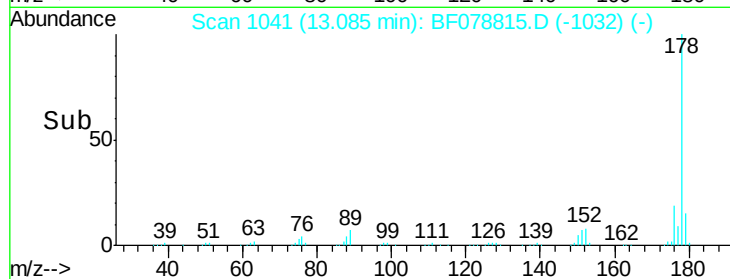
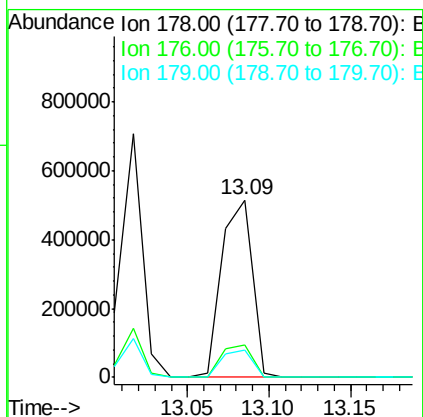
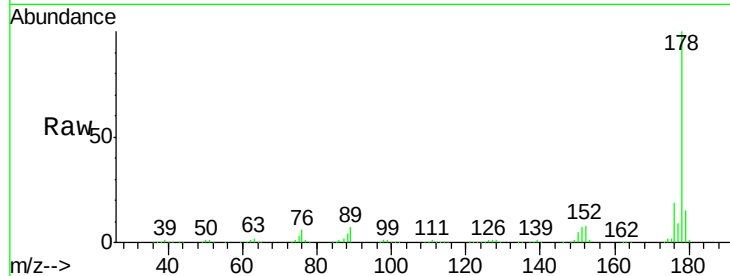




#71
 Anthracene
 Concen: 41.79 ng
 RT: 13.09 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BF078815.D
 Acq: 29 Apr 2015 16:06

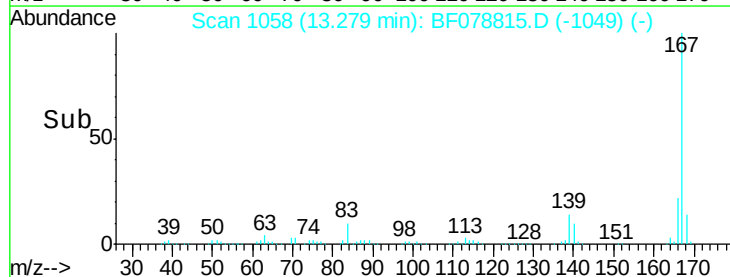
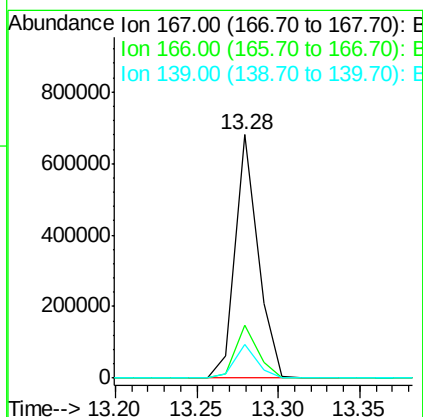
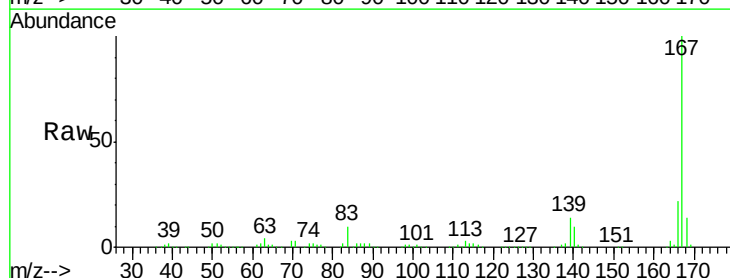
Instrument :
 BNA_F
 ClientSampleId :
 PB83017BS

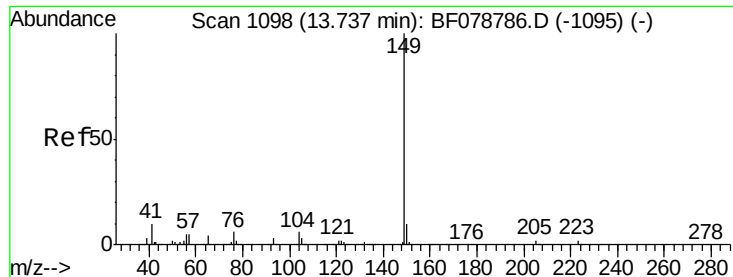
Tot Ion:178 Resp: 668390
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.5 23.3
 179 15.2 12.7 19.1



#72
 Carbazole
 Concen: 43.39 ng
 RT: 13.28 min Scan# 1058
 Delta R.T. -0.00 min
 Lab File: BF078815.D
 Acq: 29 Apr 2015 16:06

Tgt Ion:167 Resp: 655188
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.8 26.8
 139 14.1 10.6 16.0





#73

Di-n-butylphthalate

Concen: 41.25 ng

RT: 13.74 min Scan# 1098

Delta R.T. -0.00 min

Lab File: BF078815.D

Acq: 29 Apr 2015 16:06

Instrument :

BNA_F

ClientSampleId :

PB83017BS

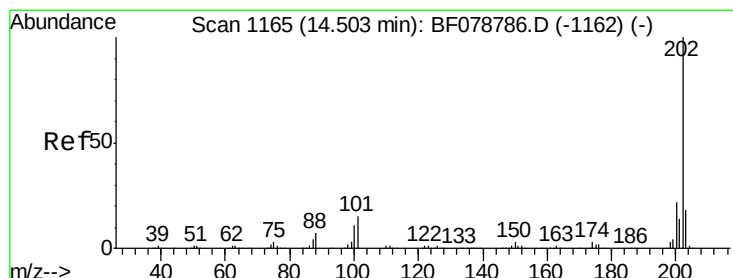
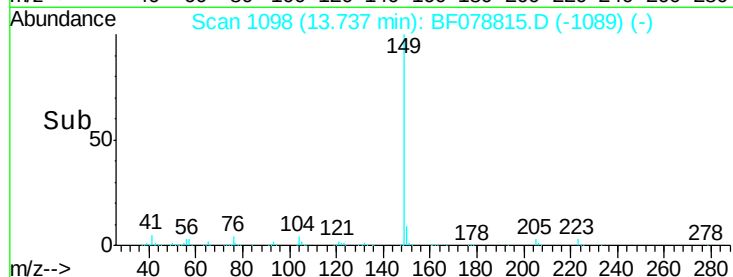
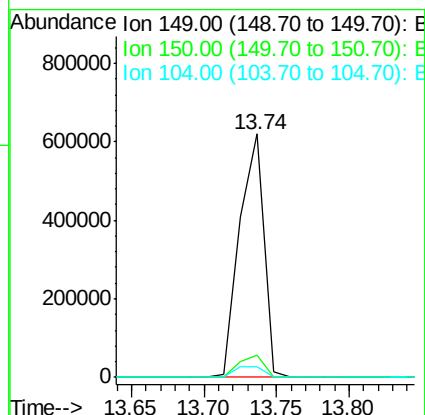
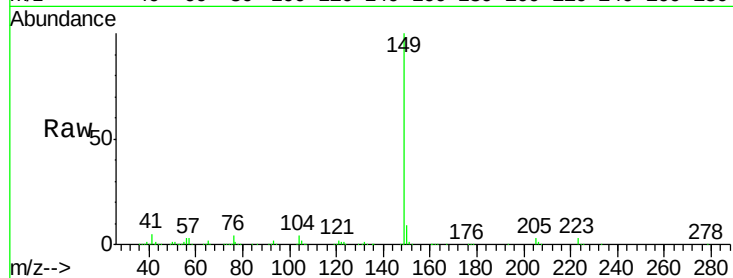
Tot Ion:149 Resp: 721580

Ion Ratio Lower Upper

149 100

150 8.9 7.7 11.5

104 4.4 4.6 7.0#



#74

Fluoranthene

Concen: 42.85 ng

RT: 14.49 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BF078815.D

Acq: 29 Apr 2015 16:06

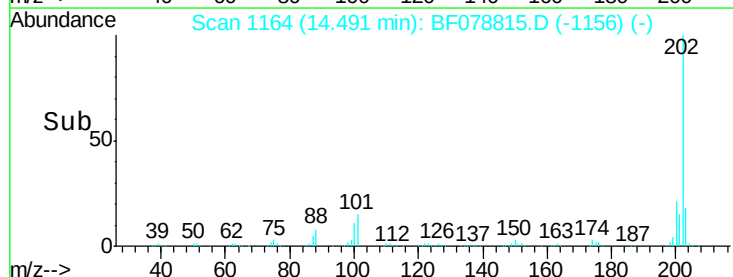
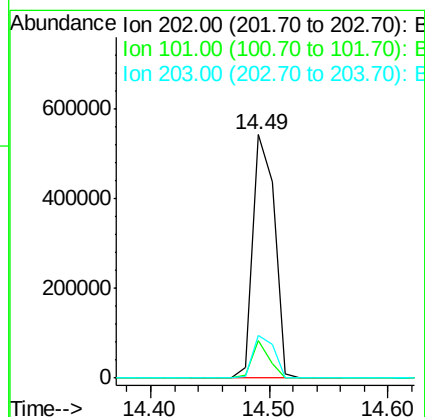
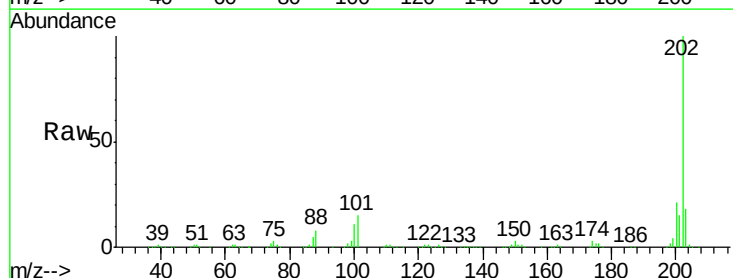
Tgt Ion:202 Resp: 698919

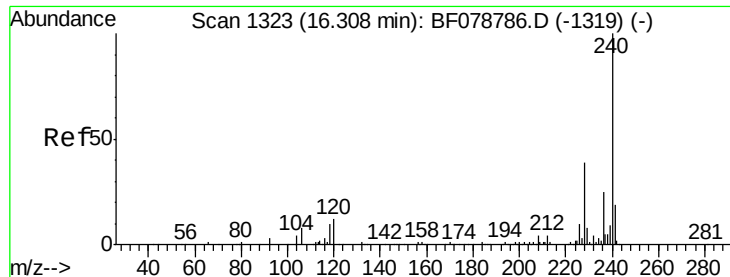
Ion Ratio Lower Upper

202 100

101 15.4 0.0 34.6

203 17.7 0.0 38.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.29 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF078815.D

Acq: 29 Apr 2015 16:06

Instrument :

BNA_F

ClientSampleId :

PB83017BS

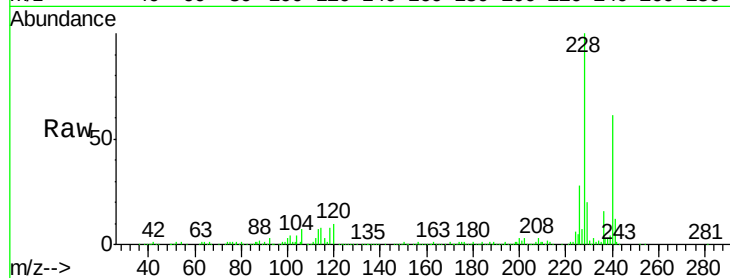
Tot Ion:240 Resp: 313524

Ion Ratio Lower Upper

240 100

120 16.5 9.7 14.5#

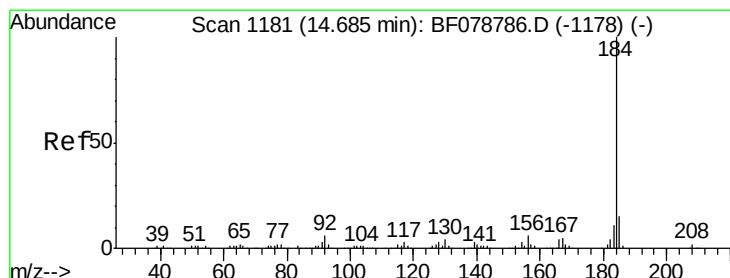
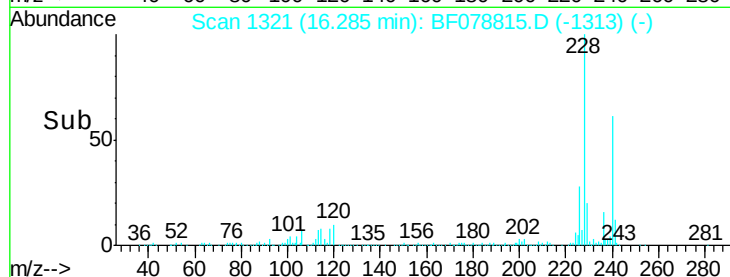
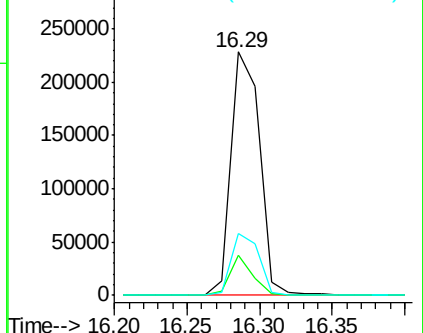
236 25.4 20.2 30.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 24.31 ng

RT: 14.67 min Scan# 1180

Delta R.T. -0.00 min

Lab File: BF078815.D

Acq: 29 Apr 2015 16:06

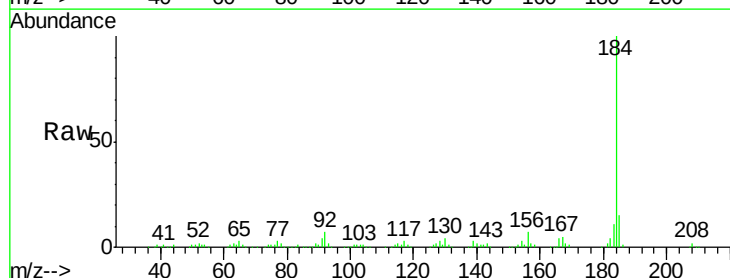
Tgt Ion:184 Resp: 246747

Ion Ratio Lower Upper

184 100

185 15.0 12.3 18.5

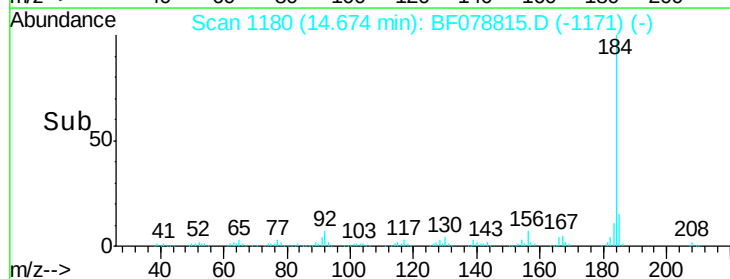
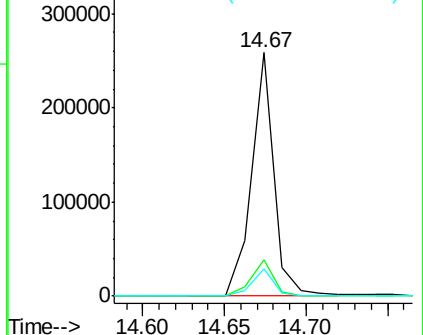
183 11.0 8.4 12.6

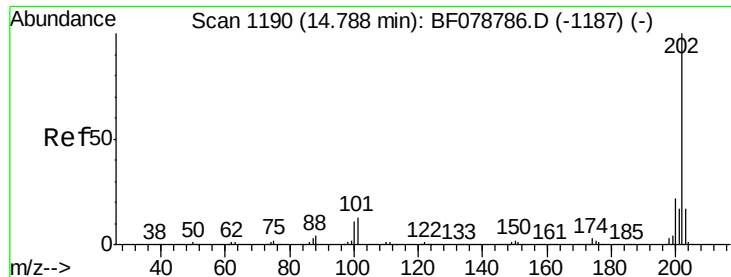


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

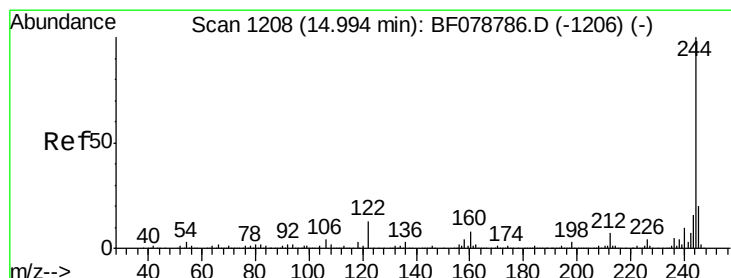
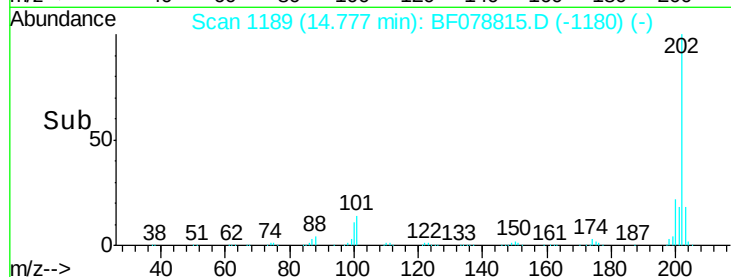
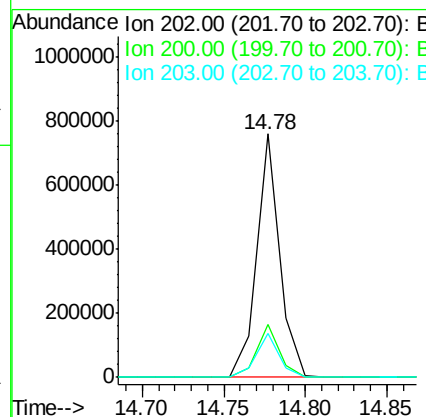
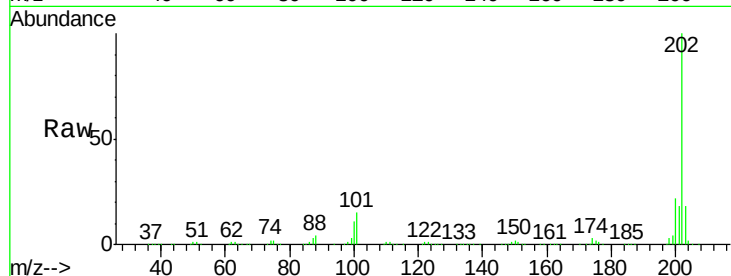




#77
 Pvrene
 Concen: 40.43 ng
 RT: 14.78 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF078815.D
 Acq: 29 Apr 2015 16:06

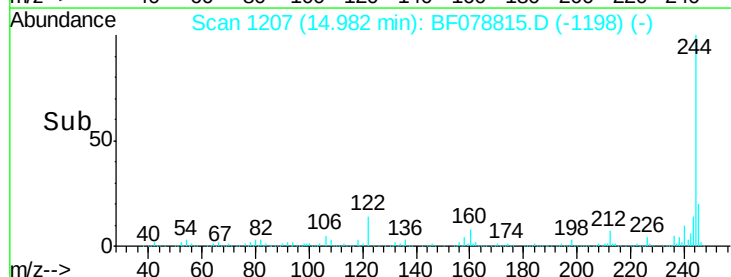
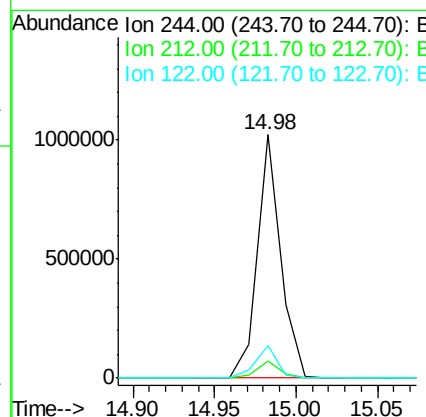
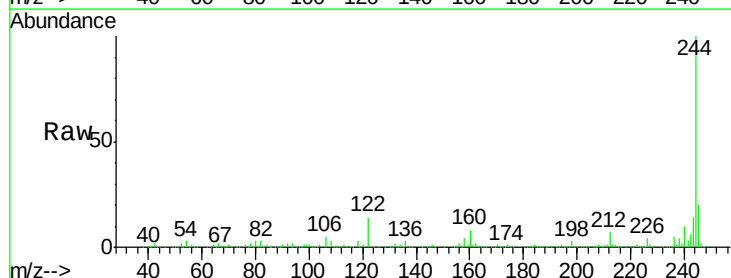
Instrument :
 BNA_F
 ClientSampleId :
 PB83017BS

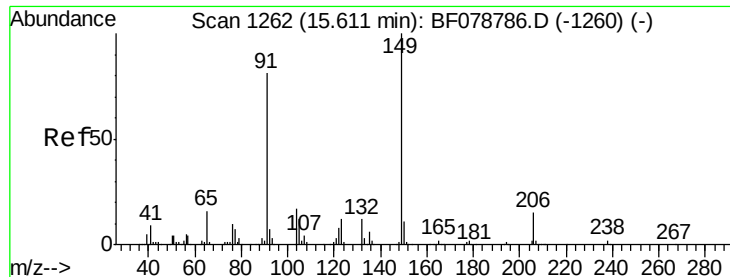
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.5	26.3
203	18.1	13.9	20.9



#78
 Terphenyl-d14
 Concen: 77.24 ng
 RT: 14.98 min Scan# 1207
 Delta R.T. -0.00 min
 Lab File: BF078815.D
 Acq: 29 Apr 2015 16:06

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	13.6	10.3	15.5





#79

Butylbenzylphthalate

Concen: 44.40 ng

RT: 15.60 min Scan# 1261

Delta R.T. -0.00 min

Lab File: BF078815.D

Acq: 29 Apr 2015 16:06

Instrument :

BNA_F

ClientSampleId :

PB83017BS

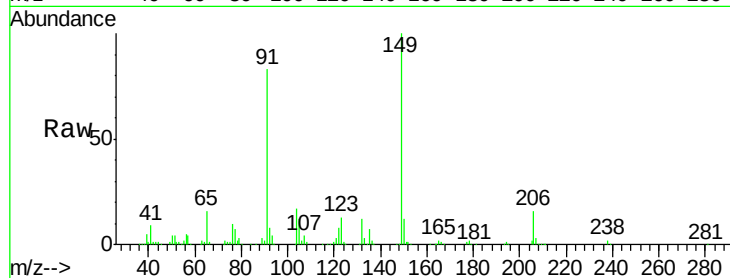
Tot Ion:149 Resp: 311906

Ion Ratio Lower Upper

149 100

91 82.5 64.6 97.0

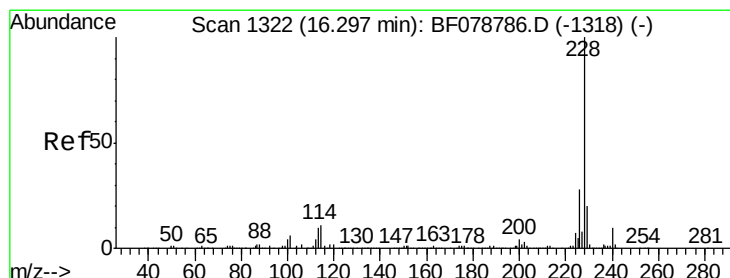
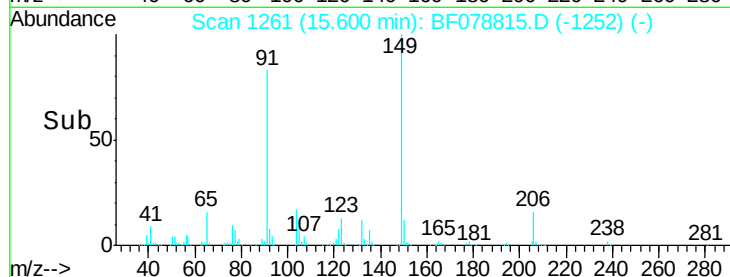
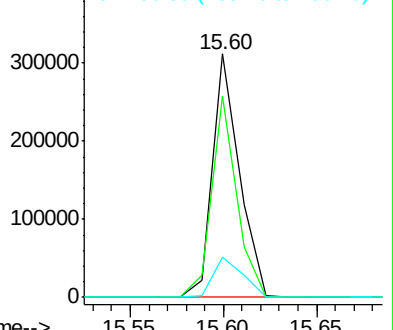
206 16.3 12.2 18.4



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: 40.98 ng

RT: 16.27 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF078815.D

Acq: 29 Apr 2015 16:06

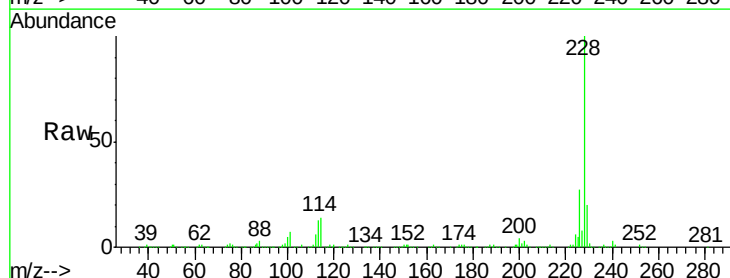
Tgt Ion:228 Resp: 689365

Ion Ratio Lower Upper

228 100

226 27.3 22.6 33.8

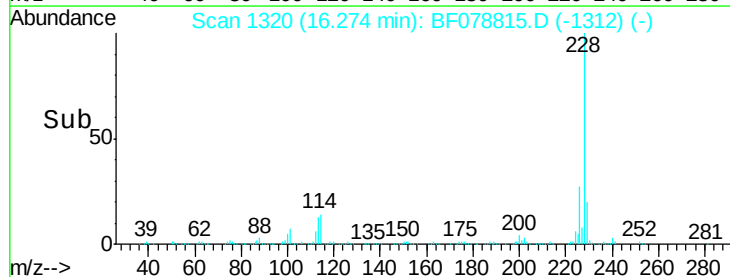
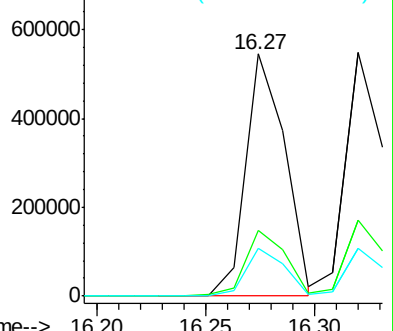
229 19.8 15.9 23.9

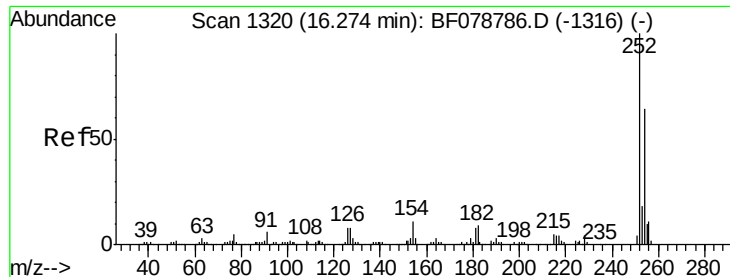


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

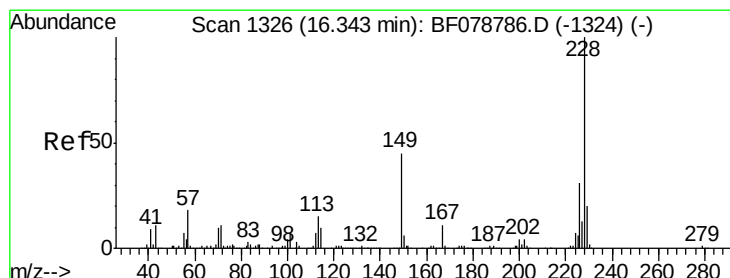
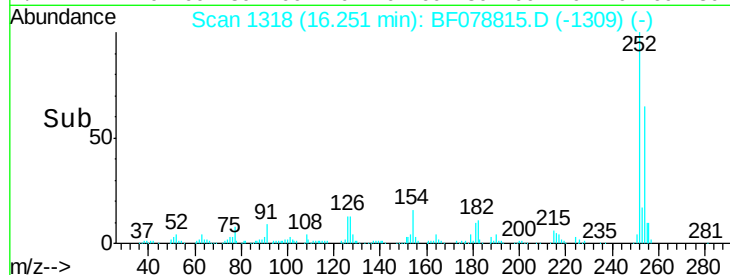
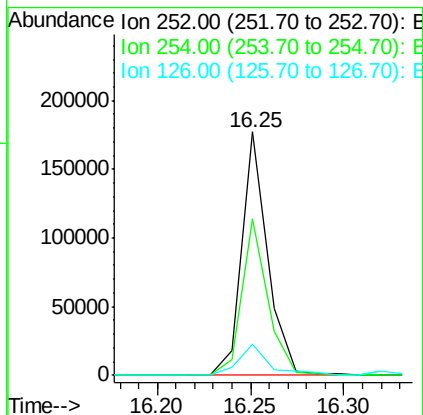
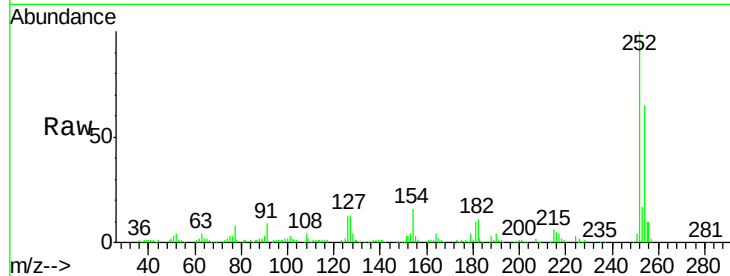




#81
 3,3'-Dichlorobenzidine
 Concen: 29.90 ng
 RT: 16.25 min Scan# 1318
 Delta R.T. -0.00 min
 Lab File: BF078815.D
 Acq: 29 Apr 2015 16:06

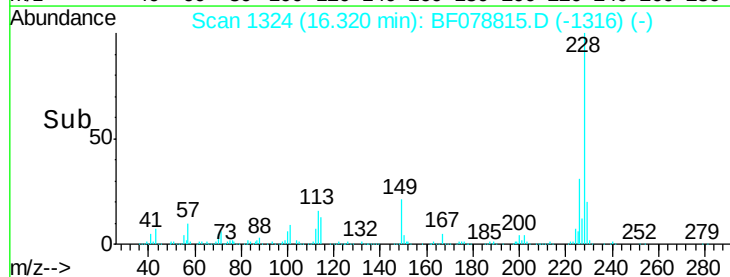
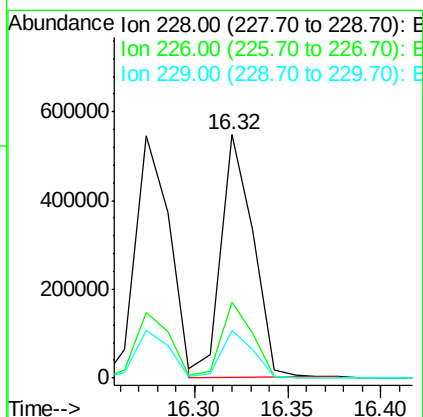
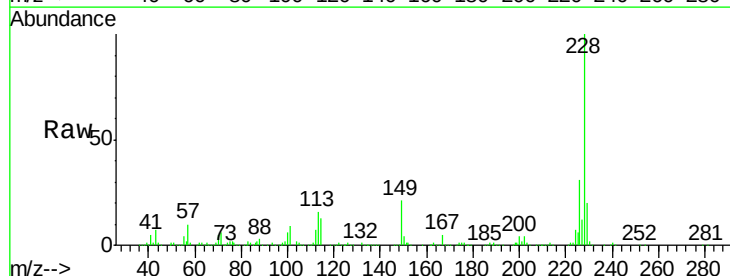
Instrument :
 BNA_F
 ClientSampleId :
 PB83017BS

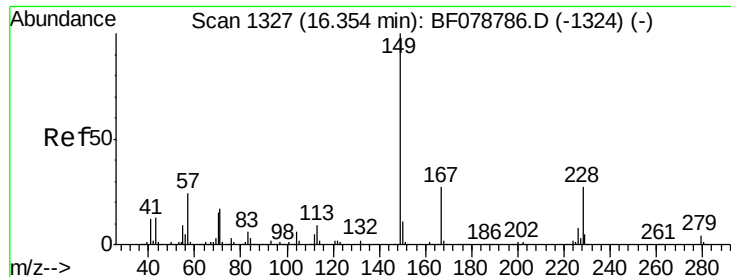
Tot Ion:252 Resp: 171213
 Ion Ratio Lower Upper
 252 100
 254 64.5 51.3 76.9
 126 13.0 6.6 10.0#



#82
 Chrysene
 Concen: 39.82 ng
 RT: 16.32 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF078815.D
 Acq: 29 Apr 2015 16:06

Tgt Ion:228 Resp: 652858
 Ion Ratio Lower Upper
 228 100
 226 31.1 24.9 37.3
 229 19.9 16.0 24.0

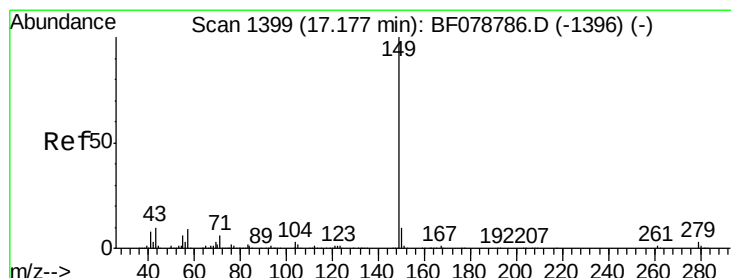
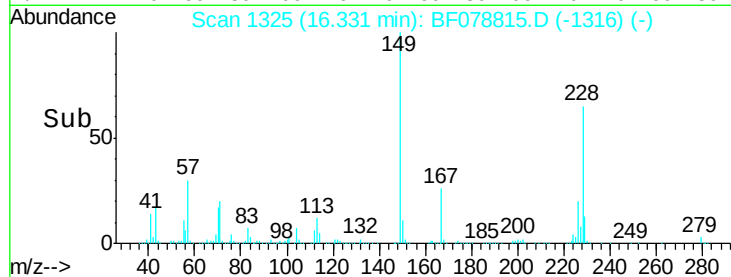
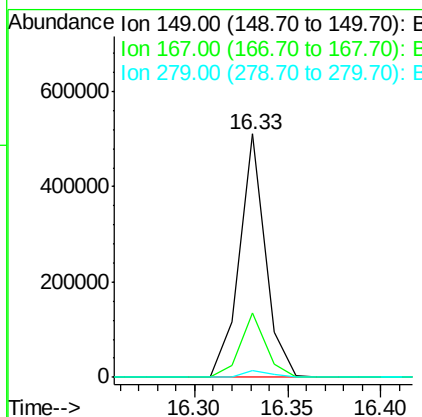
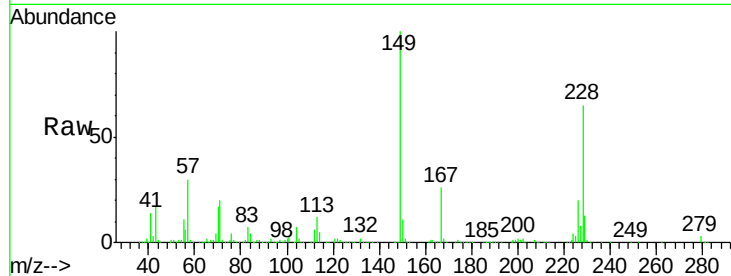




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.21 ng
 RT: 16.33 min Scan# 1325
 Delta R.T. -0.00 min
 Lab File: BF078815.D
 Acq: 29 Apr 2015 16:06

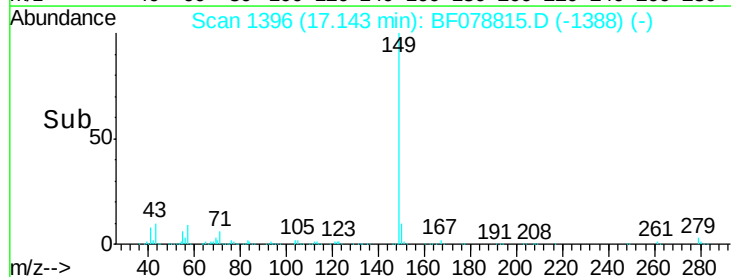
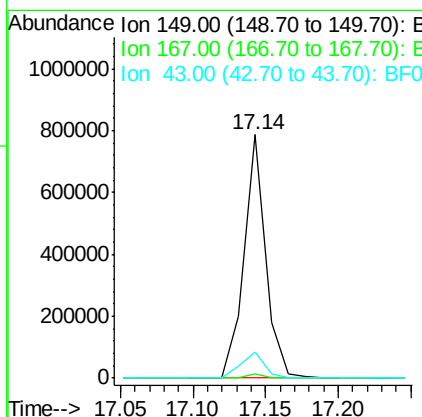
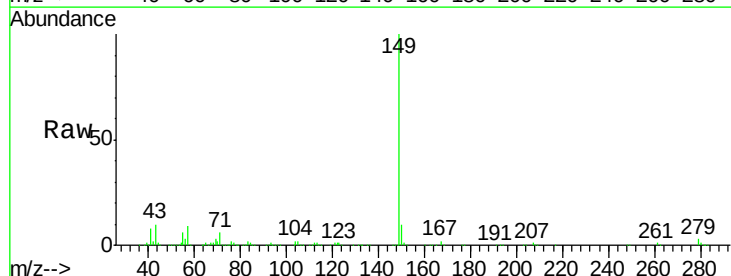
Instrument :
 BNA_F
 ClientSampleId :
 PB83017BS

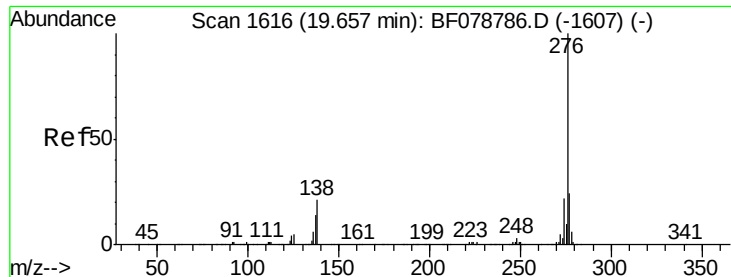
Tot Ion:149 Resp: 498534
 Ion Ratio Lower Upper
 149 100
 167 26.2 21.8 32.8
 279 2.8 2.9 4.3#



#84
 Di-n-octyl phthalate
 Concen: 44.96 ng
 RT: 17.14 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF078815.D
 Acq: 29 Apr 2015 16:06

Tgt Ion:149 Resp: 813441
 Ion Ratio Lower Upper
 149 100
 167 1.5 0.0 0.0#
 43 11.6 0.0 0.0#

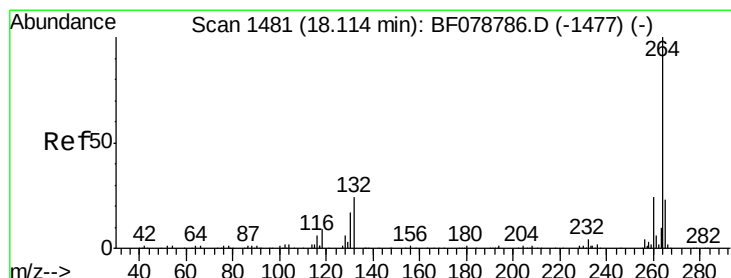
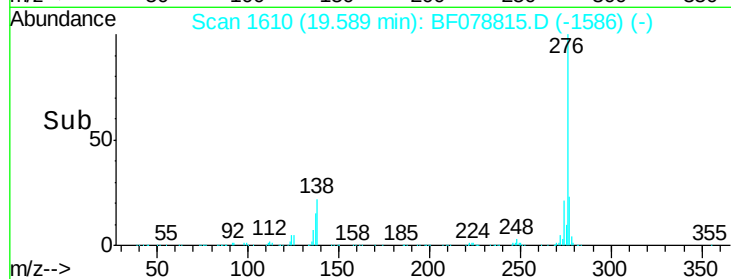
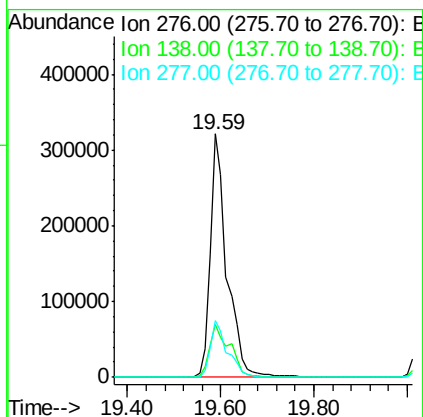
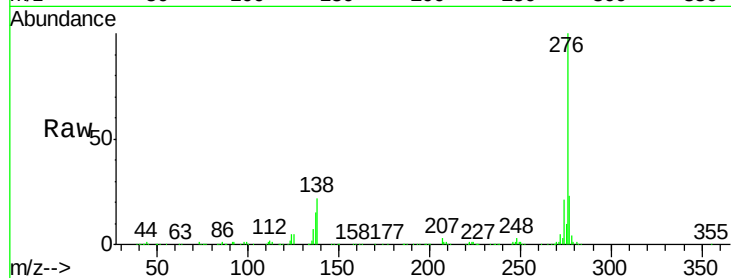




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.51 ng
 RT: 19.59 min Scan# 1610
 Delta R.T. -0.02 min
 Lab File: BF078815.D
 Acq: 29 Apr 2015 16:06

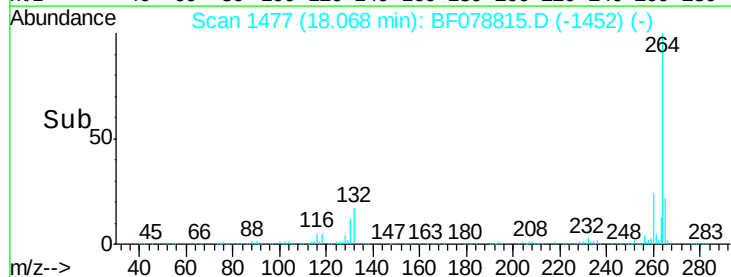
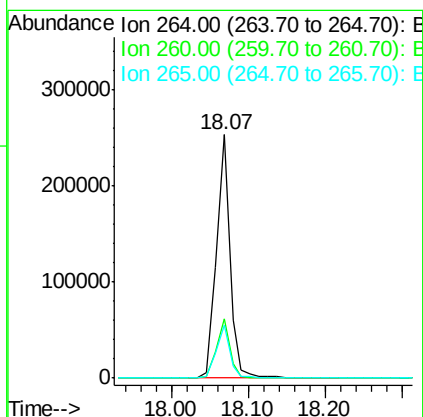
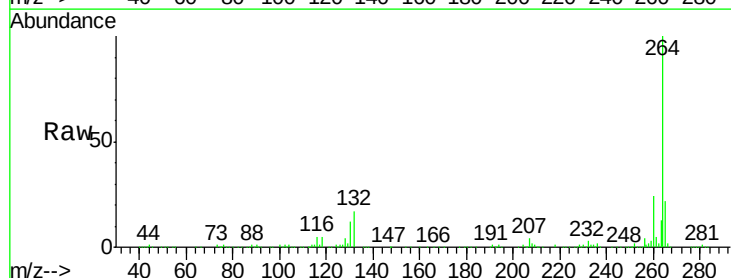
Instrument :
 BNA_F
 ClientSampleId :
 PB83017BS

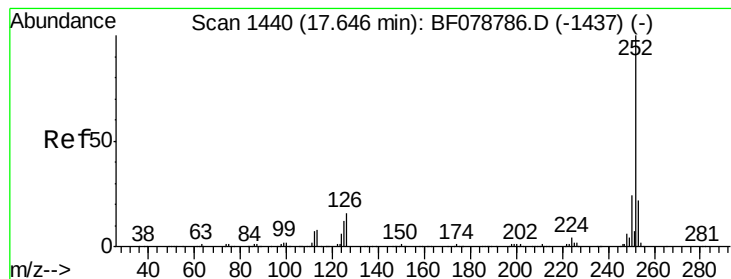
Tot Ion:276 Resp: 809441
 Ion Ratio Lower Upper
 276 100
 138 26.4 0.0 0.0#
 277 24.5 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.07 min Scan# 1477
 Delta R.T. -0.01 min
 Lab File: BF078815.D
 Acq: 29 Apr 2015 16:06

Tgt Ion:264 Resp: 312871
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.4 29.2
 265 21.9 18.3 27.5





#87

Benzo(b)fluoranthene

Concen: 41.26 ng

RT: 17.61 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF078815.D

Acq: 29 Apr 2015 16:06

Instrument :

BNA_F

ClientSampleId :

PB83017BS

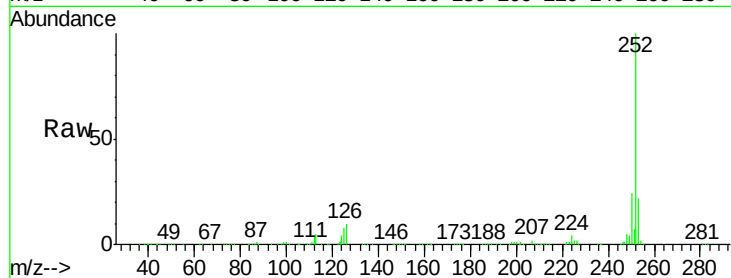
Tot Ion:252 Resp: 698743

Ion Ratio Lower Upper

252 100

253 21.6 17.7 26.5

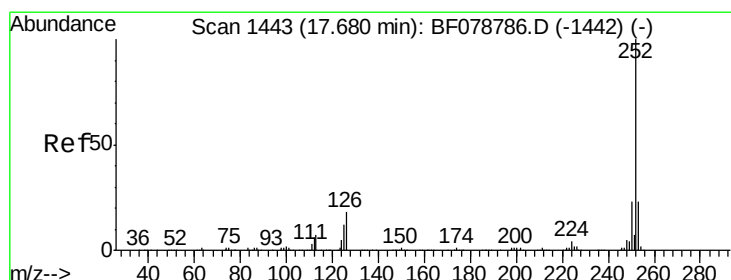
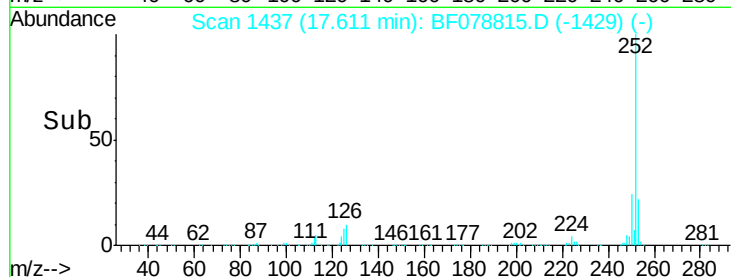
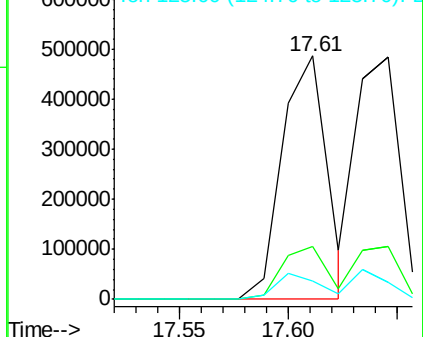
125 7.6 9.5 14.3#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 41.29 ng

RT: 17.65 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BF078815.D

Acq: 29 Apr 2015 16:06

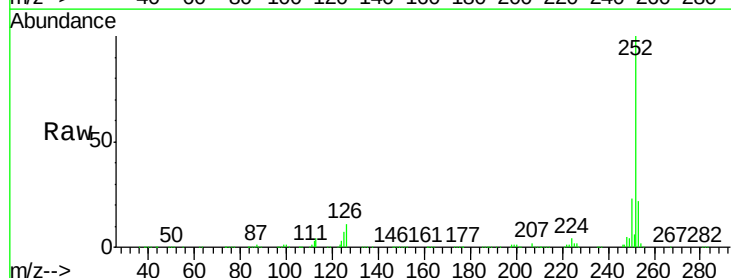
Tgt Ion:252 Resp: 677607

Ion Ratio Lower Upper

252 100

253 21.9 18.1 27.1

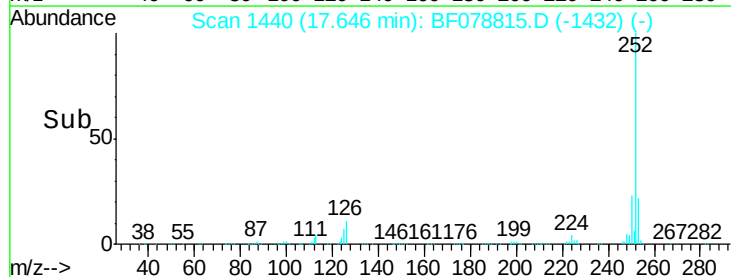
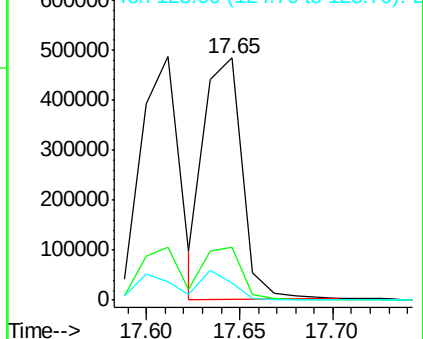
125 7.0 10.0 15.0#

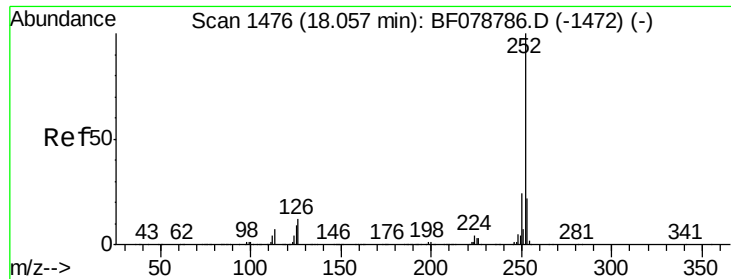


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 43.86 ng

RT: 18.00 min Scan# 1471

Delta R.T. -0.01 min

Lab File: BF078815.D

Acq: 29 Apr 2015 16:06

Instrument :

BNA_F

ClientSampleId :

PB83017BS

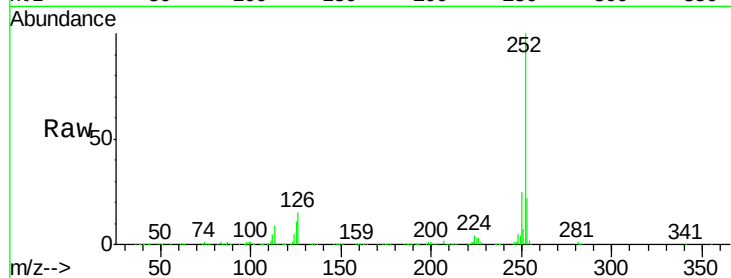
Tot Ion:252 Resp: 664560

Ion Ratio Lower Upper

252 100

253 22.2 17.3 25.9

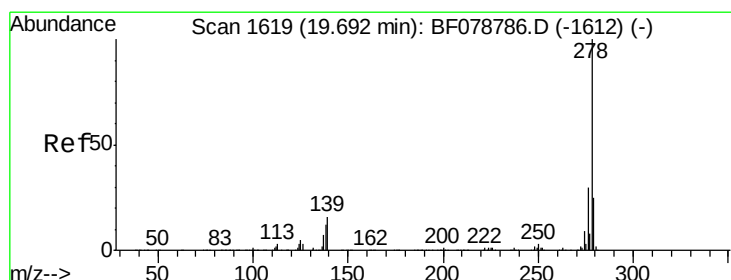
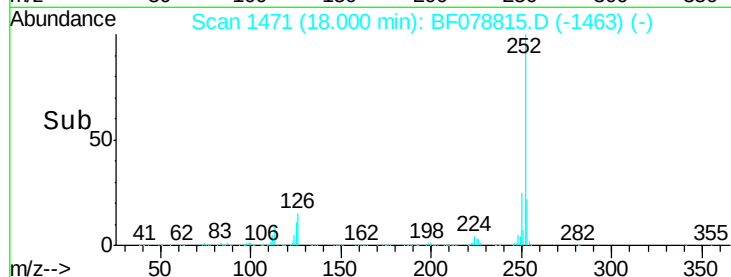
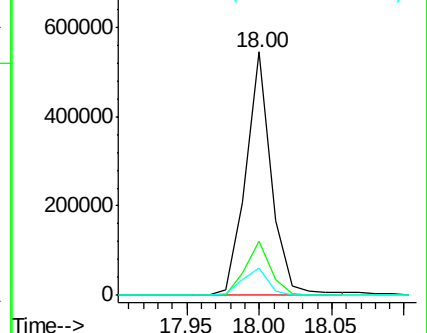
125 11.0 7.0 10.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 41.74 ng

RT: 19.62 min Scan# 1613

Delta R.T. -0.02 min

Lab File: BF078815.D

Acq: 29 Apr 2015 16:06

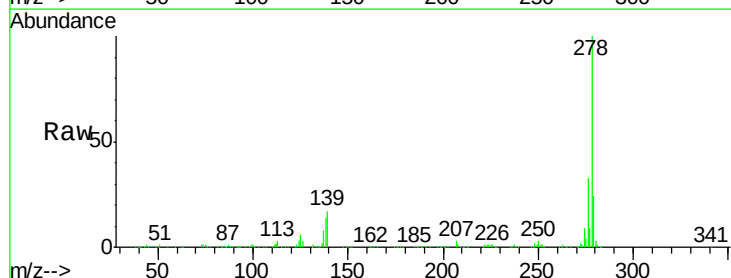
Tgt Ion:278 Resp: 655051

Ion Ratio Lower Upper

278 100

139 17.3 12.8 19.2

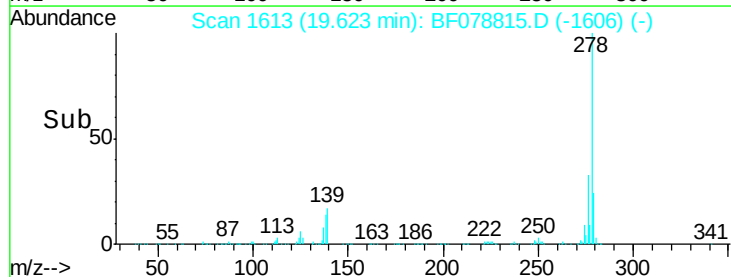
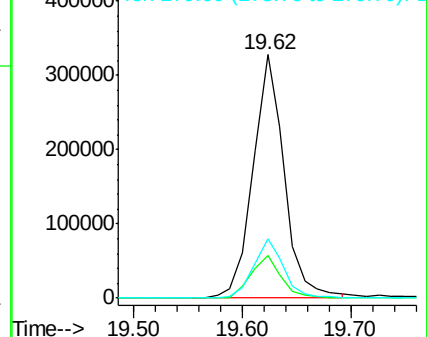
279 24.5 19.6 29.4

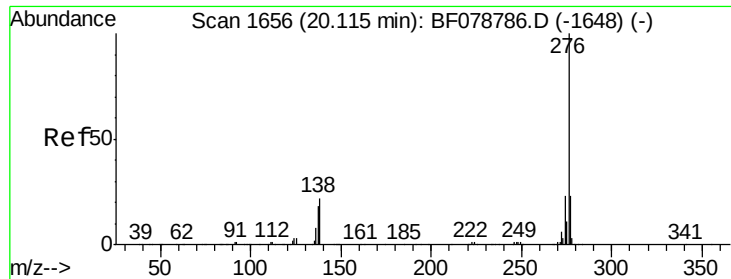


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

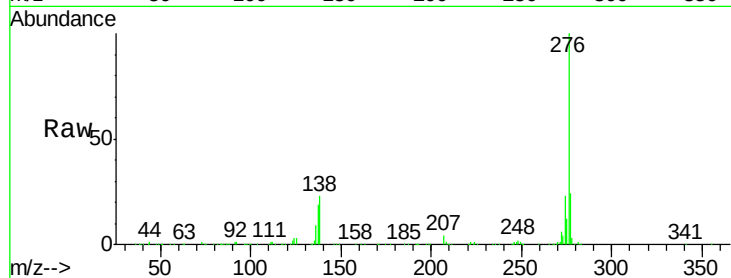




#91
 Benzo(a,h,i)perylene
 Concen: 41.94 ng
 RT: 20.05 min Scan# 1650
 Delta R.T. -0.02 min
 Lab File: BF078815.D
 Acq: 29 Apr 2015 16:06

Instrument :
 BNA_F
 ClientSampleId :
 PB83017BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.6	28.0
138	22.7	17.4	26.0



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

