

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021315\
 Data File : BF077312.D
 Acq On : 13 Feb 2015 17:24
 Operator : TP/IZ
 Sample : PB81735BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81735BS

Quant Time: Feb 14 00:00:11 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 13 13:10:36 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	29576	20.00	ng	0.00
21) Naphthalene-d8	10.41	136	130251	20.00	ng	0.00
38) Acenaphthene-d10	14.52	164	64311	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	117609	20.00	ng	0.00
75) Chrysene-d12	20.95	240	107318	20.00	ng	-0.01
86) Perylene-d12	22.58	264	95996	20.00	ng	-0.06

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	4.50	112	224930	118.56	ng	0.01
7) Phenol-d6	6.93	99	294096	125.64	ng	0.00
23) Nitrobenzene-d5	8.82	82	185919	81.53	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	73217	139.61	ng	-0.01
44) 2-Fluorobiphenyl	13.07	172	400257	93.67	ng	0.00
78) Terphenyl-d14	19.69	244	408142	85.42	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.02	88	24065	33.72	ng	100
3) Pyridine	1.45	79	59184	31.30	ng	98
4) n-Nitrosodimethylamine	1.41	42	31607	29.21	ng	96
6) Aniline	6.80	93	57626	18.61	ng	97
8) 2-Chlorophenol	7.02	128	80914	37.70	ng	96
10) Phenol	6.96	94	87923	36.54	ng	95
11) bis(2-Chloroethyl)ether	7.05	93	72532	37.83	ng	100
12) 1,3-Dichlorobenzene	7.33	146	85689	36.12	ng	99
13) 1,4-Dichlorobenzene	7.54	146	85792	35.07	ng	93
14) 1,2-Dichlorobenzene	7.85	146	83482	36.02	ng	98
15) Benzyl Alcohol	7.96	79	69610	37.54	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.30	45	98357	36.60	ng	98
17) 2-Methylphenol	8.32	107	63037	37.98	ng	# 89
18) Hexachloroethane	8.59	117	32975	37.11	ng	93
19) n-Nitroso-di-n-propylamine	8.59	70	60150	36.54	ng	100
20) 3+4-Methylphenols	8.72	107	80425m	37.59	ng	
22) Acetophenone	8.51	105	117837	37.67	ng	98
24) Nitrobenzene	8.85	77	84145	37.22	ng	100
25) Isophorone	9.46	82	159236	38.74	ng	96
26) 2-Nitrophenol	9.60	139	38978	35.10	ng	96
27) 2,4-Dimethylphenol	9.89	122	73491	39.78	ng	97
28) bis(2-Chloroethoxy)methane	10.09	93	96802	38.68	ng	99
29) 2,4-Dichlorophenol	10.21	162	64786m	38.38	ng	
30) 1,2,4-Trichlorobenzene	10.33	180	72731	38.11	ng	96
31) Naphthalene	10.45	128	241897	37.63	ng	99
32) Benzoic acid	10.34	122	5155	25.56	ng	# 69
33) 4-Chloroaniline	10.73	127	62164m	23.97	ng	
34) Hexachlorobutadiene	10.82	225	41793	38.55	ng	99
35) Caprolactam	11.59	113	17592m	34.45	ng	
36) 4-Chloro-3-methylphenol	12.04	107	70678	37.43	ng	98
37) 2-Methylnaphthalene	12.11	142	182000	37.76	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.51	216	68554	42.36	ng	# 100
40) Hexachlorocyclopentadiene	12.50	237	66635	83.27	ng	97
42) 2,4,6-Trichlorophenol	12.88	196	43614	41.01	ng	95

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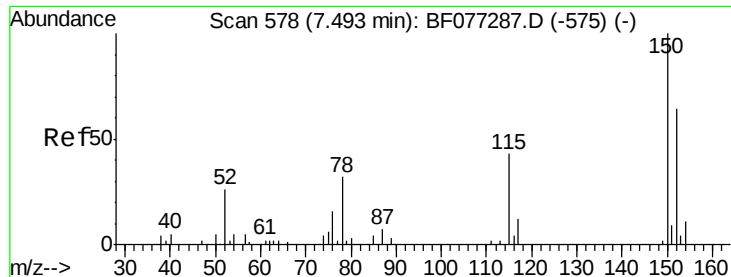
Instrument :
 BNA_F
 ClientSampleId :
 PB81735BS

Quant Time: Feb 14 00:00:11 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 13 13:10:36 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

43) 2,4,5-Trichlorophenol	12.98	196	39604m	38.00	nq	
45) 1,1'-Biphenyl	13.27	154	210534	42.48	nq	99
46) 2-Chloronaphthalene	13.23	162	166520	42.08	nq	99
47) 2-Nitroaniline	13.60	65	50534	43.70	nq	90
48) Acenaphthylene	14.18	152	271025	43.40	nq	99
49) Dimethylphthalate	14.16	163	207476	44.61	nq	100
50) 2,6-Dinitrotoluene	14.25	165	42604	47.38	nq	85
51) Acenaphthene	14.60	154	151934	42.01	nq	99
52) 3-Nitroaniline	14.59	138	28455	25.87	nq	96
53) 2,4-Dinitrophenol	14.89	184	21297	68.87	nq	# 75
54) Dibenzofuran	15.03	168	239407	42.81	nq	96
55) 4-Nitrophenol	15.23	139	40994	76.57	nq	97
56) 2,4-Dinitrotoluene	15.19	165	56667	44.09	nq	92
57) Fluorene	15.80	166	197927	43.23	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.40	232	29636	42.10	nq	# 100
59) Diethylphthalate	15.83	149	218340	45.08	nq	99
60) 4-Chlorophenyl-phenylether	15.91	204	85358	44.84	nq	95
61) 4-Nitroaniline	15.99	138	36687	35.71	nq	98
62) Azobenzene	16.21	77	201501m	43.62	nq	
64) 4,6-Dinitro-2-methylphenol	16.07	198	23729	36.71	nq	97
65) n-Nitrosodiphenylamine	16.17	169	166244	39.63	nq	97
66) 4-Bromophenyl-phenylether	16.80	248	51419	41.84	nq	92
67) Hexachlorobenzene	16.81	284	51027	40.77	nq	# 79
68) Atrazine	17.20	200	56870	42.80	nq	92
69) Pentachlorophenol	17.20	266	26943	70.53	nq	95
70) Phenanthrene	17.47	178	276079	38.92	nq	99
71) Anthracene	17.55	178	272972	38.36	nq	99
72) Carbazole	17.85	167	257900	37.94	nq	99
73) Di-n-butylphthalate	18.45	149	369863	42.75	nq	98
74) Fluoranthene	19.13	202	281965	38.59	nq	97
76) Benzidine	19.38	184	128139	29.46	nq	99
77) Pyrene	19.41	202	292242	40.83	nq	99
79) Butylbenzylphthalate	20.36	149	158140	43.64	nq	92
80) Benzo(a)anthracene	20.93	228	257281	38.95	nq	99
81) 3,3'-Dichlorobenzidine	20.96	252	54014	23.32	nq	# 96
82) Chrysene	20.98	228	242693	40.55	nq	99
83) Bis(2-ethylhexyl)phthalate	21.09	149	238859	44.30	nq	# 98
84) Di-n-octyl phthalate	21.86	149	421140	45.41	nq	99
85) Indeno(1,2,3-cd)pyrene	23.68	276	252195m	43.33	nq	
87) Benzo(b)fluoranthene	22.18	252	234516m	34.31	nq	
88) Benzo(k)fluoranthene	22.21	252	227802m	44.12	nq	
89) Benzo(a)pyrene	22.52	252	217441	38.20	nq	99
90) Dibenzo(a,h)anthracene	23.70	278	208564m	41.26	nq	
91) Benzo(g,h,i)perylene	23.93	276	194205	38.83	nq	# 95

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

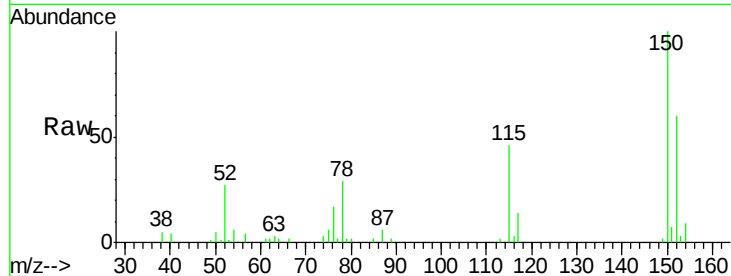


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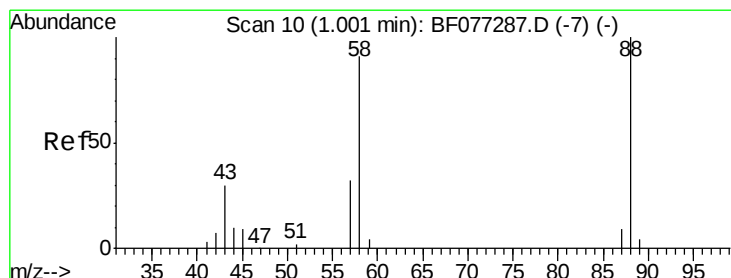
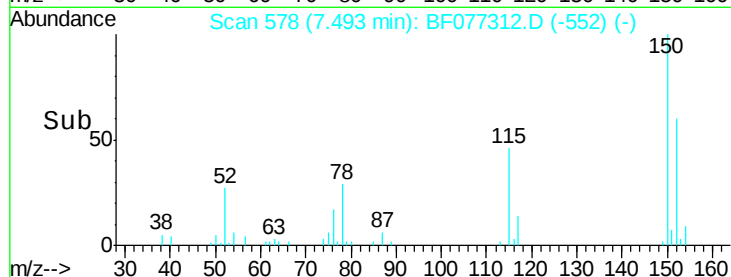
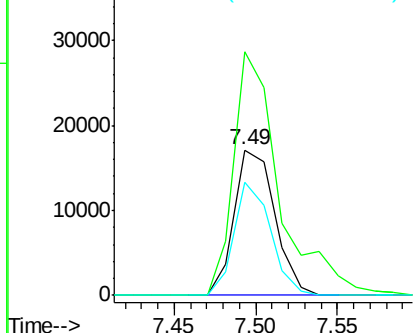
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.49 min Scan# 578
Delta R.T. 0.00 min
Lab File: BF077312.D
Acq: 13 Feb 2015 17:24

Instrument :
BNA_F
ClientSampleId :
PB81735BS

Tot Ion:152 Resp: 29576
Ion Ratio Lower Upper
152 100
150 167.2 124.9 187.3
115 77.5 54.1 81.1



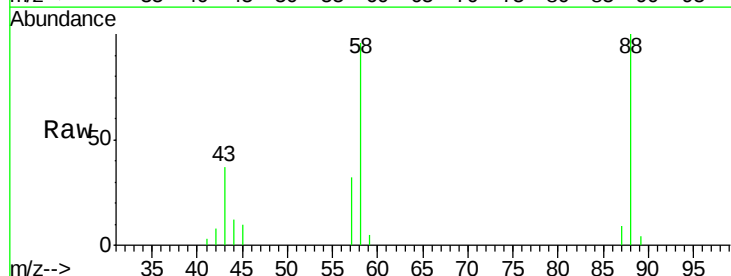
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



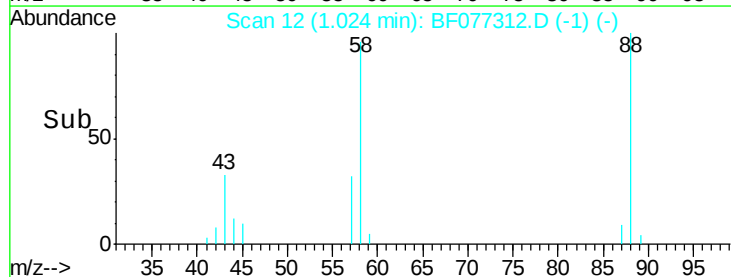
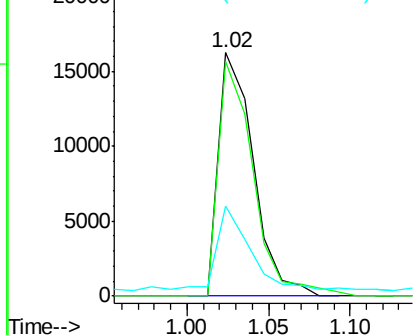
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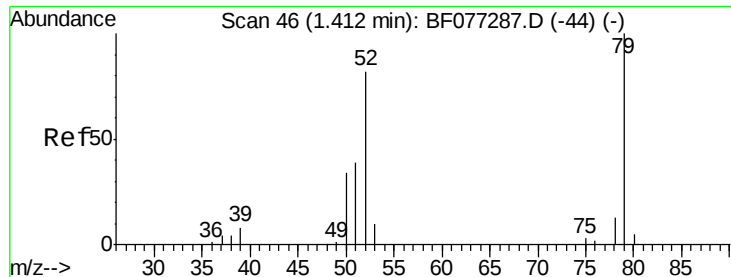
1,4-Dioxane
Concen: 33.72 ng
RT: 1.02 min Scan# 12
Delta R.T. 0.02 min
Lab File: BF077312.D
Acq: 13 Feb 2015 17:24

Tgt Ion: 88 Resp: 24065
Ion Ratio Lower Upper
88 100
58 96.5 77.0 115.6
43 34.9 28.1 42.1



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

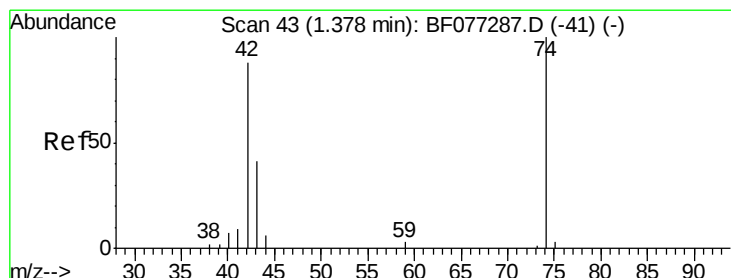
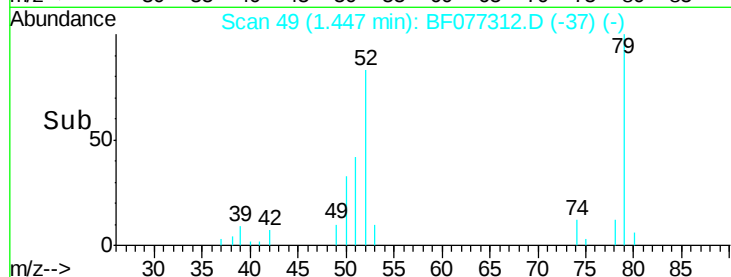
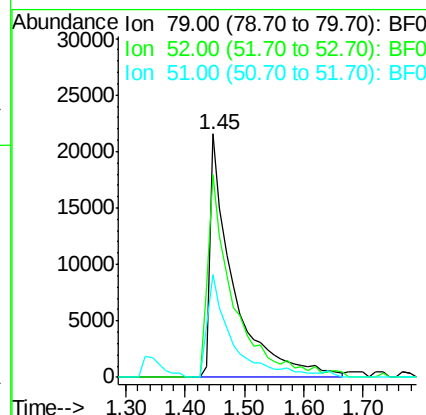
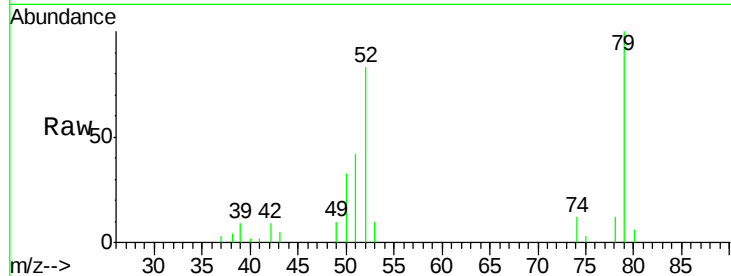




#3
 Pvridine
 Concen: 31.30 ng
 RT: 1.45 min Scan# 49
 Delta R.T. 0.03 min
 Lab File: BF077312.D
 Acq: 13 Feb 2015 17:24

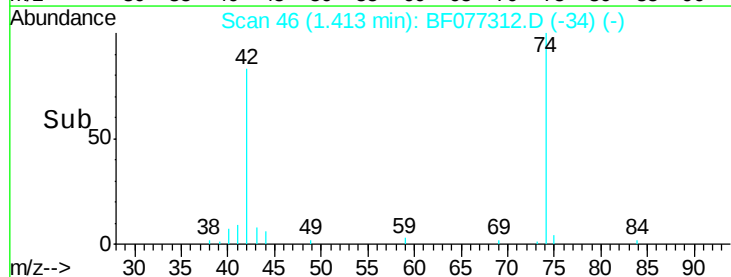
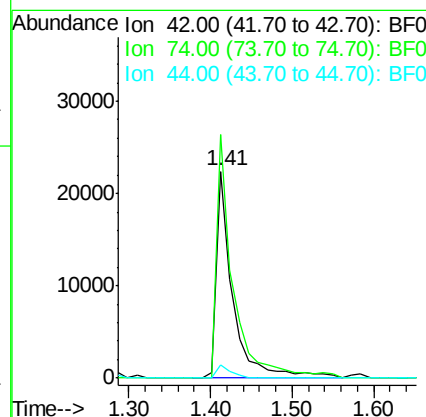
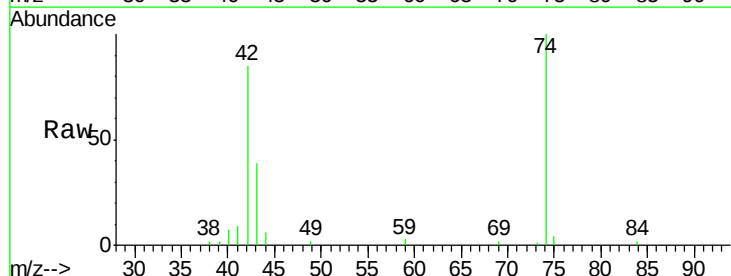
Instrument :
 BNA_F
 ClientSampleId :
 PB81735BS

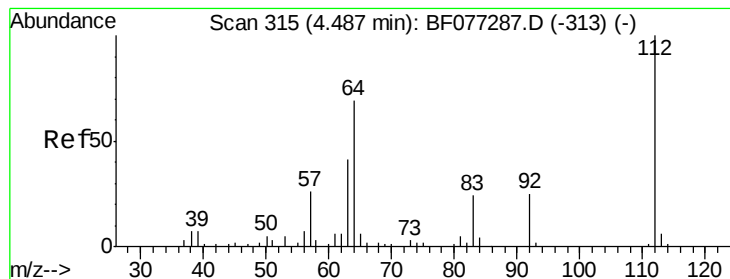
Tot Ion: 79 Resp: 59184
 Ion Ratio Lower Upper
 79 100
 52 83.1 65.3 97.9
 51 42.4 35.4 53.0



#4
 n-Nitrosodimethylamine
 Concen: 29.21 ng
 RT: 1.41 min Scan# 46
 Delta R.T. 0.03 min
 Lab File: BF077312.D
 Acq: 13 Feb 2015 17:24

Tgt Ion: 42 Resp: 31607
 Ion Ratio Lower Upper
 42 100
 74 117.8 90.8 136.2
 44 6.6 5.8 8.6





#5

2-Fluorophenol

Concen: 118.56 ng

RT: 4.50 min Scan# 316

Delta R.T. 0.01 min

Lab File: BF077312.D

Acq: 13 Feb 2015 17:24

Instrument :

BNA_F

ClientSampleId :

PB81735BS

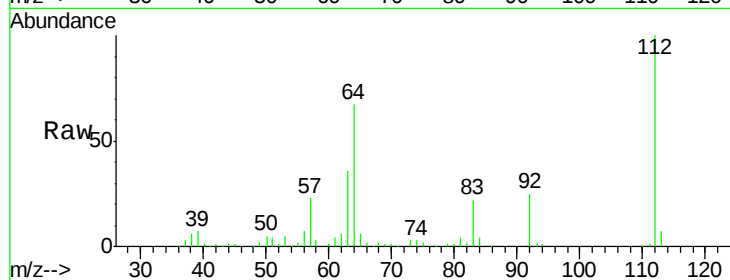
Tot Ion:112 Resp: 224930

Ion Ratio Lower Upper

112 100

64 67.4 55.0 82.4

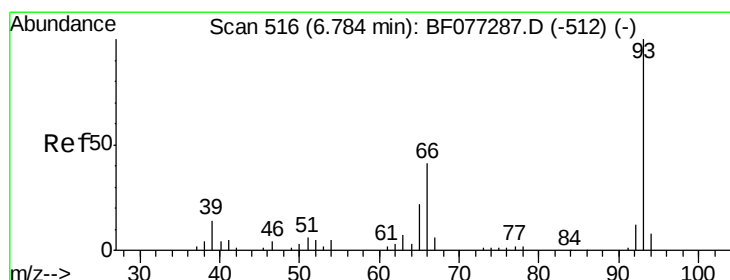
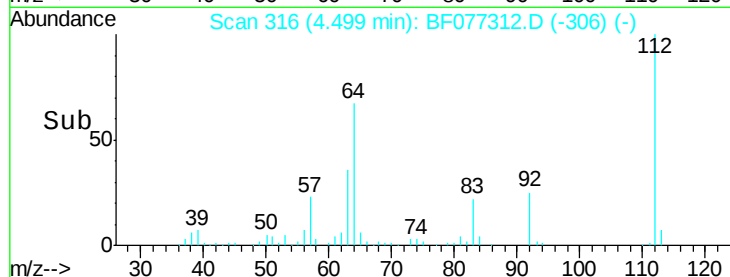
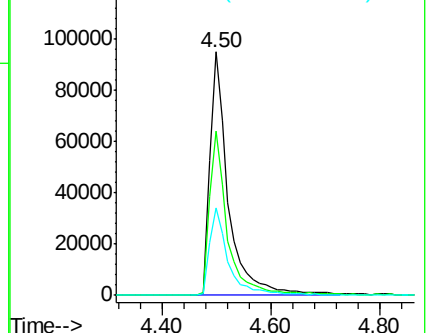
63 35.9 33.0 49.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 18.61 ng

RT: 6.80 min Scan# 517

Delta R.T. 0.01 min

Lab File: BF077312.D

Acq: 13 Feb 2015 17:24

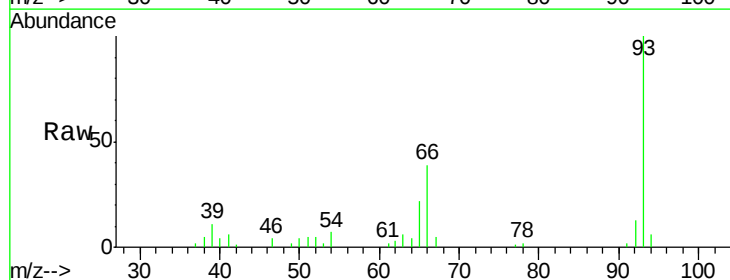
Tgt Ion: 93 Resp: 57626

Ion Ratio Lower Upper

93 100

66 38.9 33.1 49.7

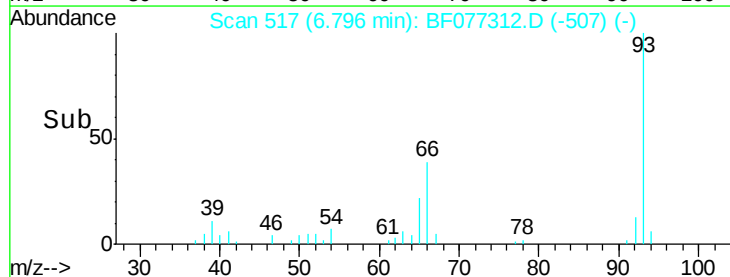
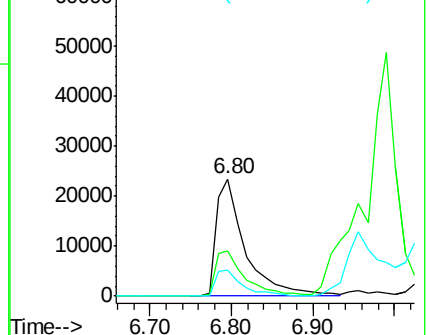
65 21.9 17.2 25.8

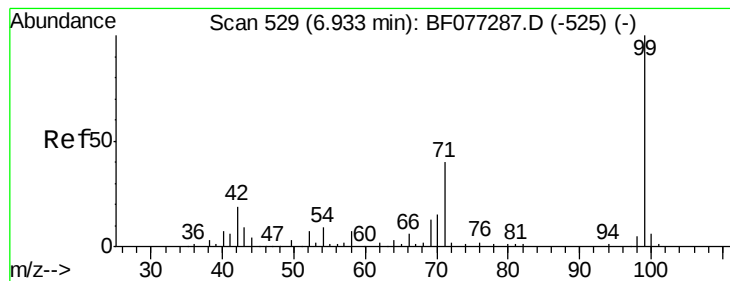


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 125.64 ng

RT: 6.93 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF077312.D

Acq: 13 Feb 2015 17:24

Instrument :

BNA_F

ClientSampleId :

PB81735BS

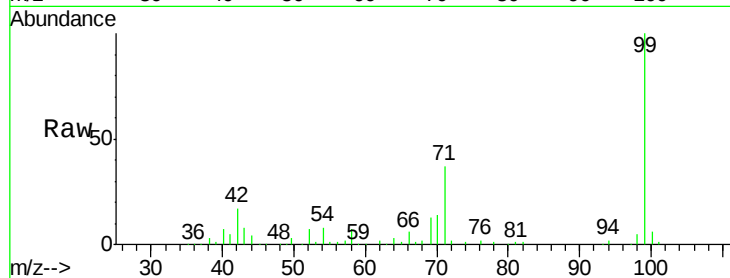
Tot Ion: 99 Resp: 294096

Ion Ratio Lower Upper

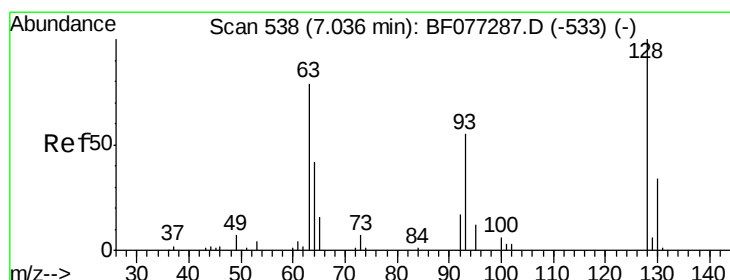
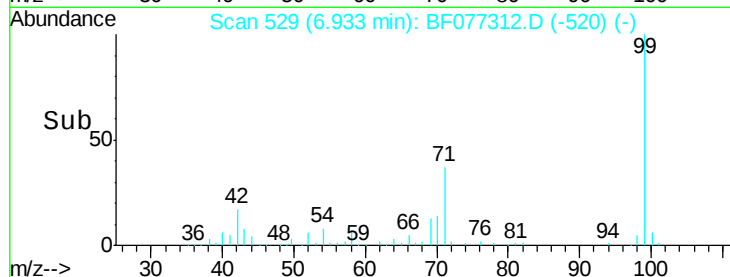
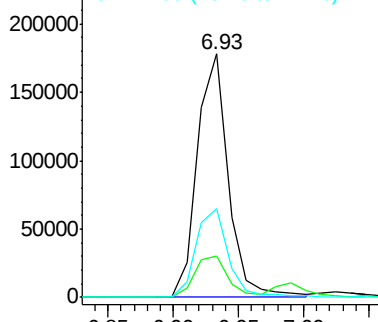
99 100

42 16.9 15.0 22.4

71 36.7 31.8 47.6



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 37.70 ng

RT: 7.02 min Scan# 537

Delta R.T. -0.01 min

Lab File: BF077312.D

Acq: 13 Feb 2015 17:24

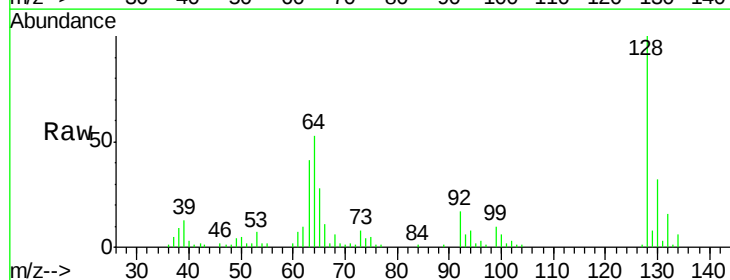
Tgt Ion: 128 Resp: 80914

Ion Ratio Lower Upper

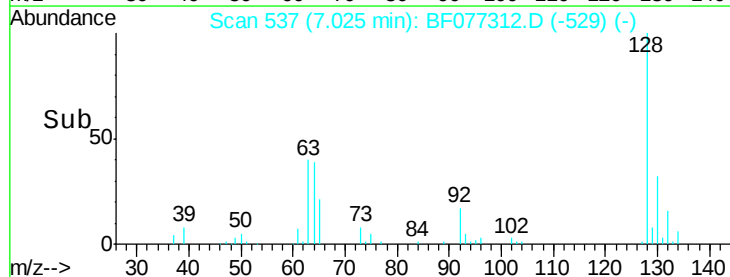
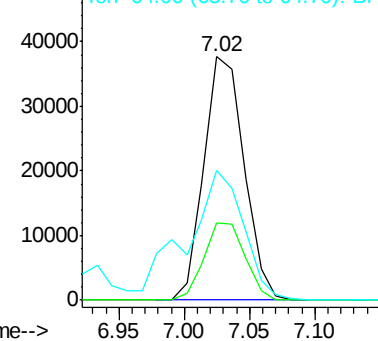
128 100

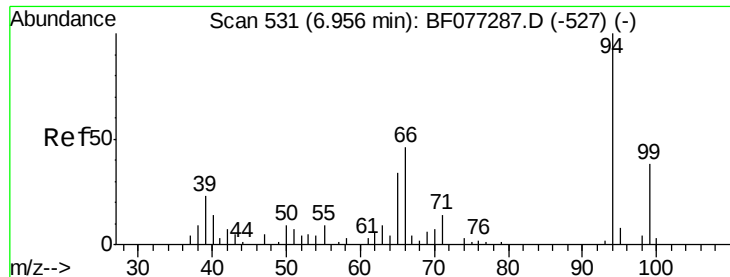
130 31.6 14.4 54.4

64 53.0 30.4 70.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#10

Phenol

Concen: 36.54 ng

RT: 6.96 min Scan# 531

Delta R.T. 0.00 min

Lab File: BF077312.D

Acq: 13 Feb 2015 17:24

Instrument :

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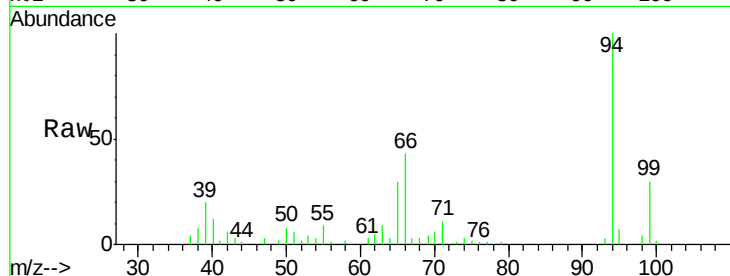
Tot Ion: 94 Resp: 87923

Ion Ratio Lower Upper

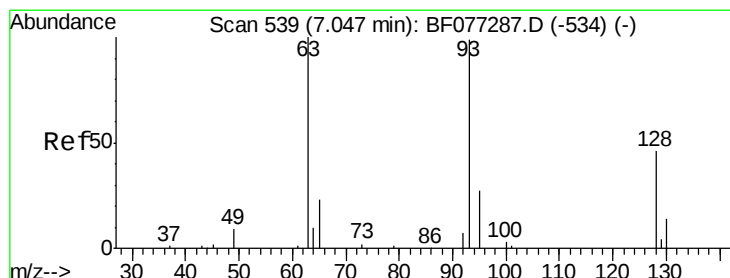
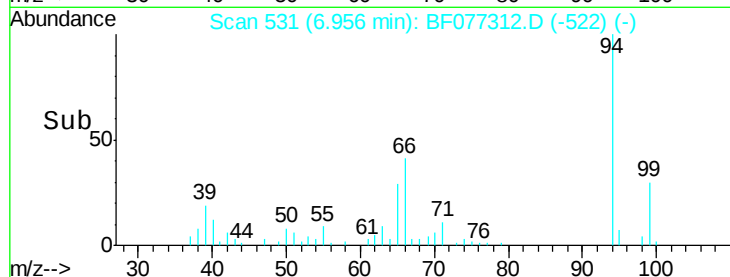
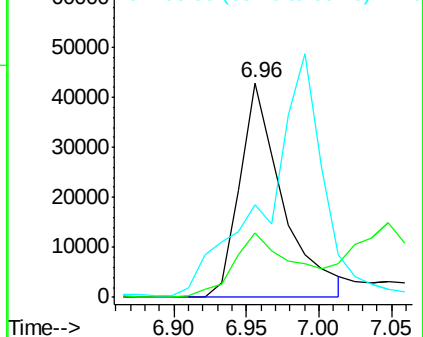
94 100

65 30.1 14.2 54.2

66 43.3 25.7 65.7



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0



#11

bis(2-Chloroethyl)ether

Concen: 37.83 ng

RT: 7.05 min Scan# 539

Delta R.T. 0.00 min

Lab File: BF077312.D

Acq: 13 Feb 2015 17:24

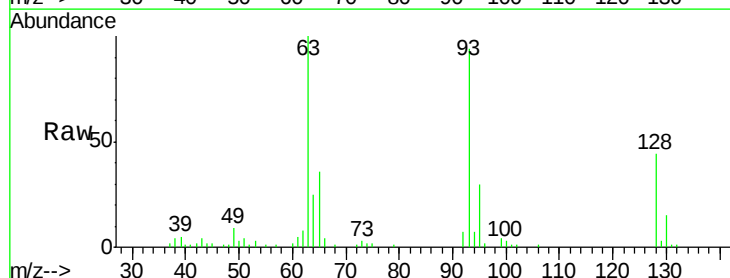
Tgt Ion: 93 Resp: 72532

Ion Ratio Lower Upper

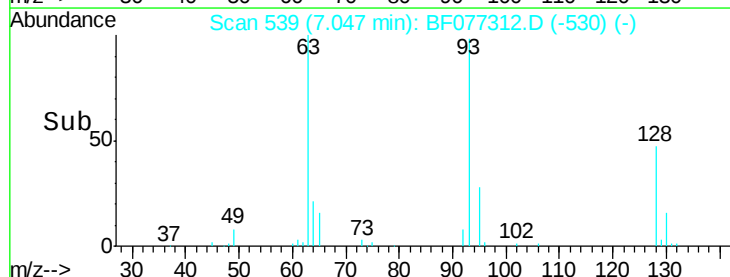
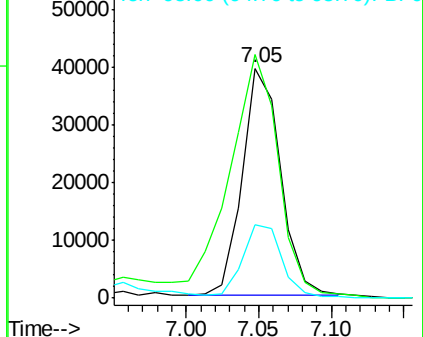
93 100

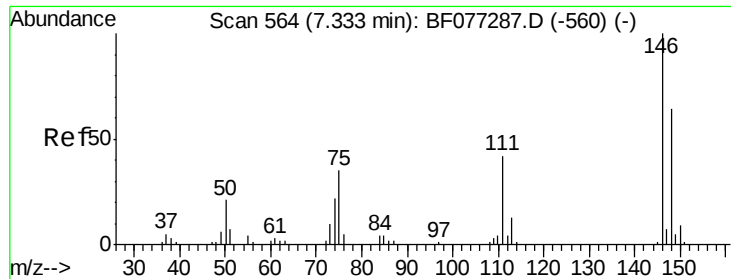
63 106.1 86.6 126.6

95 32.1 12.0 52.0



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

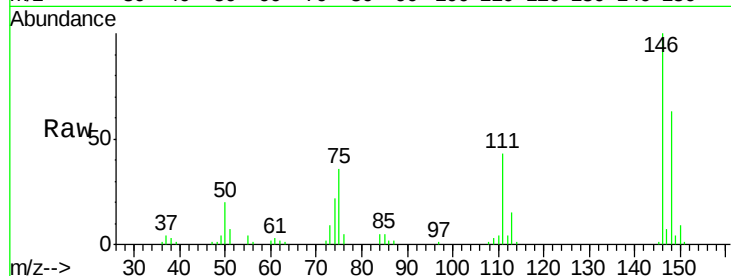




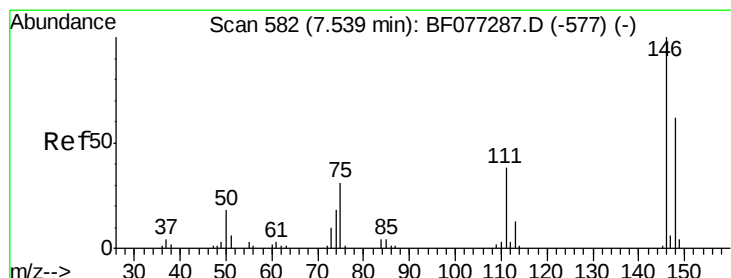
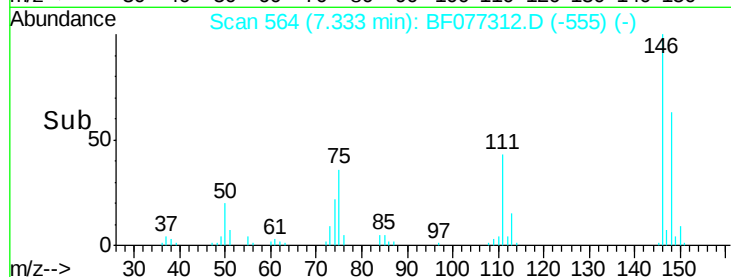
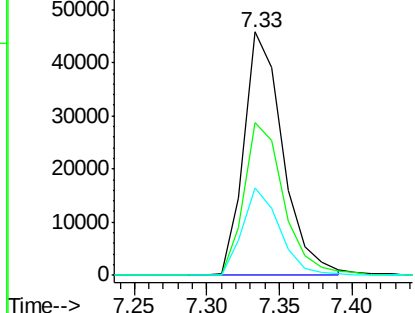
#12
 1,3-Dichlorobenzene
 Concen: 36.12 ng
 RT: 7.33 min Scan# 564
 Delta R.T. 0.00 min
 Lab File: BF077312.D
 Acq: 13 Feb 2015 17:24

Instrument :
 BNA_F
 ClientSampleId :
 PB81735BS

Tot Ion:146 Resp: 85689
 Ion Ratio Lower Upper
 146 100
 148 62.9 50.9 76.3
 75 36.1 28.1 42.1

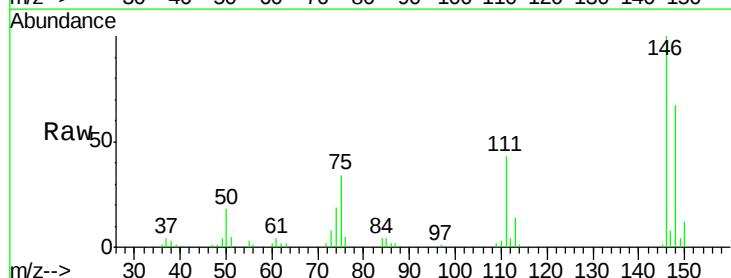


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

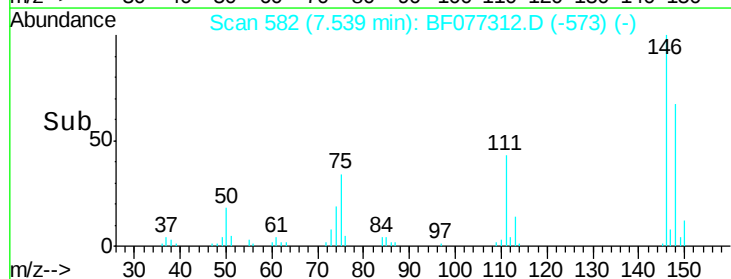
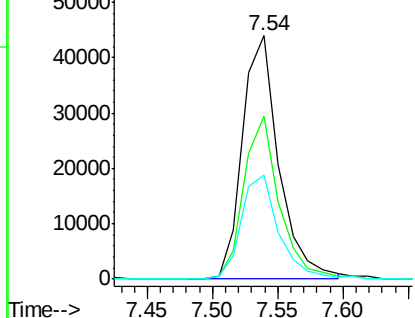


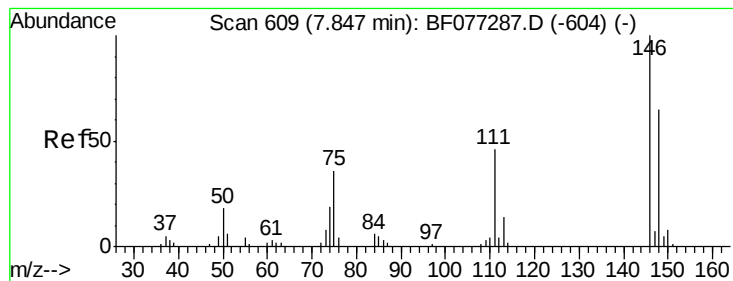
#13
 1,4-Dichlorobenzene
 Concen: 35.07 ng
 RT: 7.54 min Scan# 582
 Delta R.T. 0.00 min
 Lab File: BF077312.D
 Acq: 13 Feb 2015 17:24

Tgt Ion:146 Resp: 85792
 Ion Ratio Lower Upper
 146 100
 148 67.2 49.8 74.6
 111 42.5 30.2 45.2



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

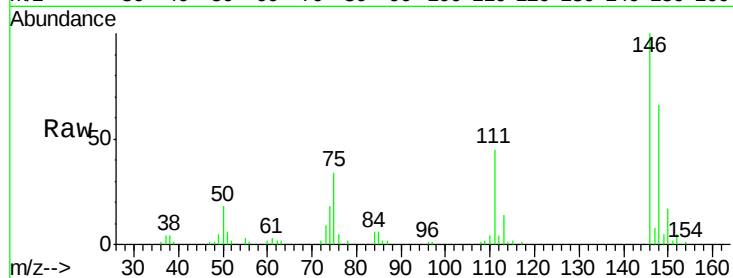




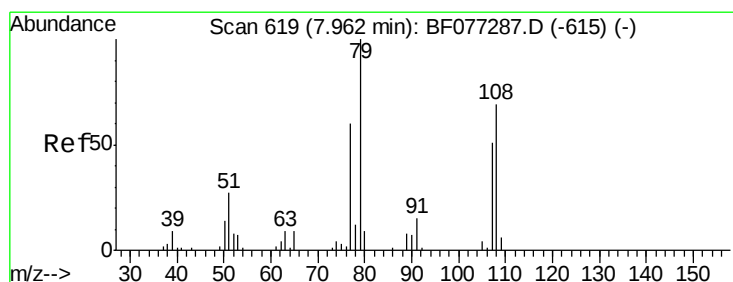
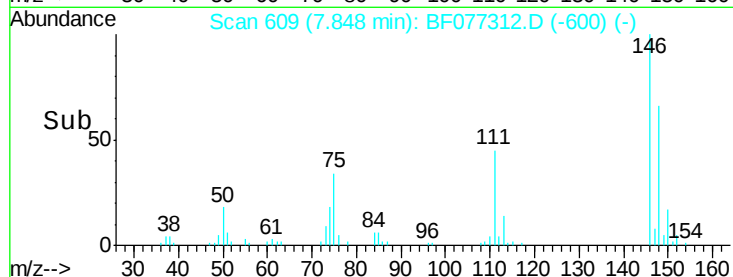
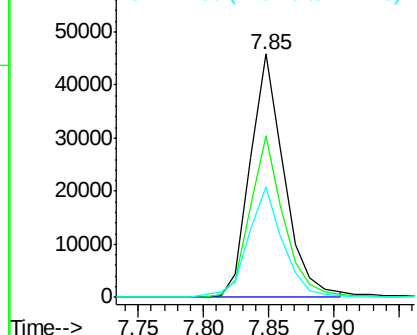
#14
 1,2-Dichlorobenzene
 Concen: 36.02 ng
 RT: 7.85 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF077312.D
 Acq: 13 Feb 2015 17:24

Instrument :
 BNA_F
 ClientSampleId :
 PB81735BS

Tot Ion:146 Resp: 83482
 Ion Ratio Lower Upper
 146 100
 148 66.4 52.0 78.0
 111 45.5 37.0 55.4

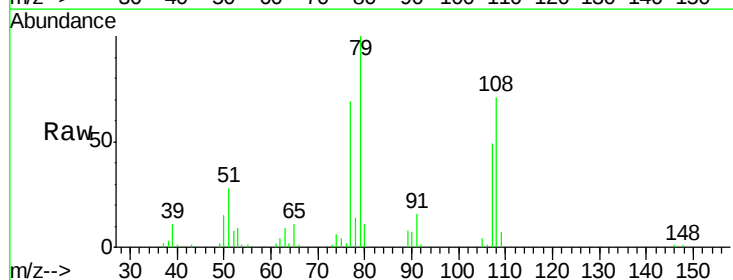


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

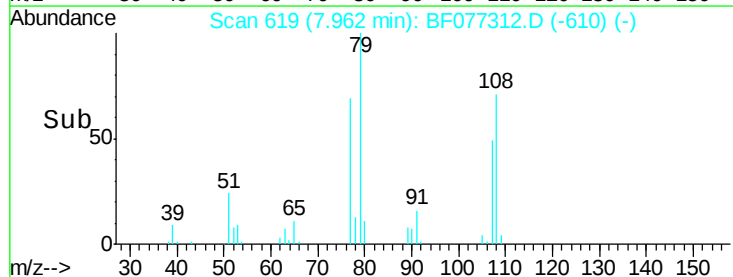
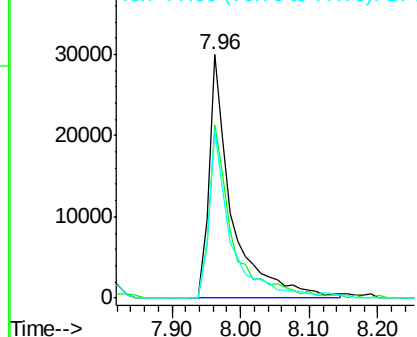


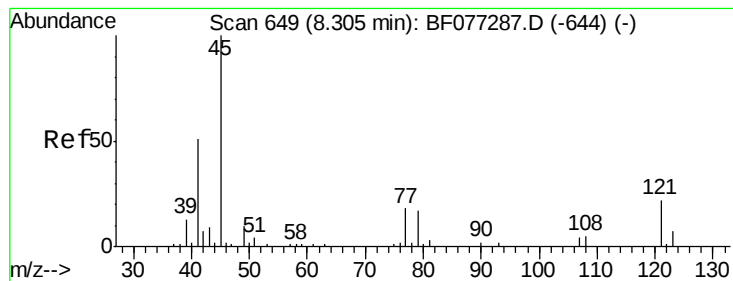
#15
 Benzyl Alcohol
 Concen: 37.54 ng
 RT: 7.96 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF077312.D
 Acq: 13 Feb 2015 17:24

Tgt Ion: 79 Resp: 69610
 Ion Ratio Lower Upper
 79 100
 108 71.3 54.8 82.2
 77 69.0 48.0 72.0



Abundance Ion 79.00 (78.70 to 79.70): BF0
 Ion 108.00 (107.70 to 108.70): E
 Ion 77.00 (76.70 to 77.70): BF0

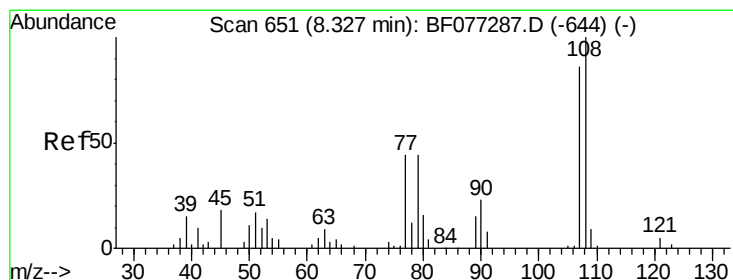
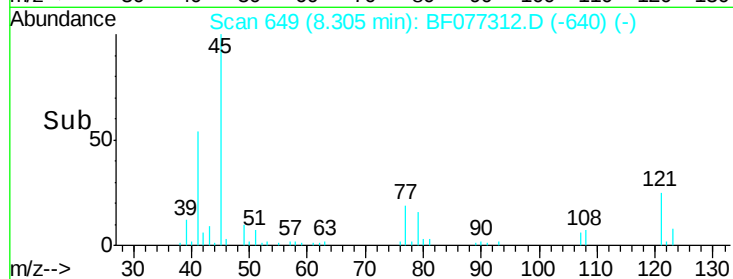
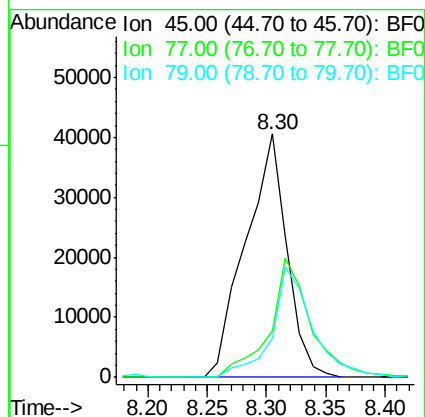
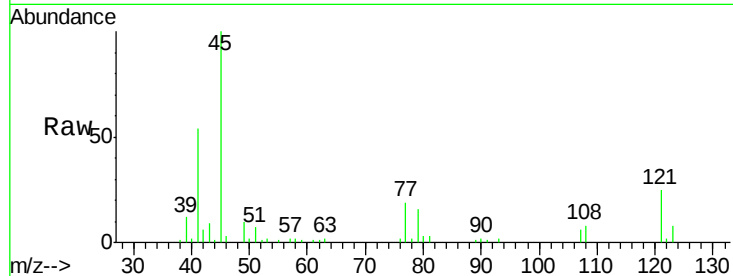




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 36.60 ng
RT: 8.30 min Scan# 649
Delta R.T. 0.00 min
Lab File: BF077312.D
Acq: 13 Feb 2015 17:24

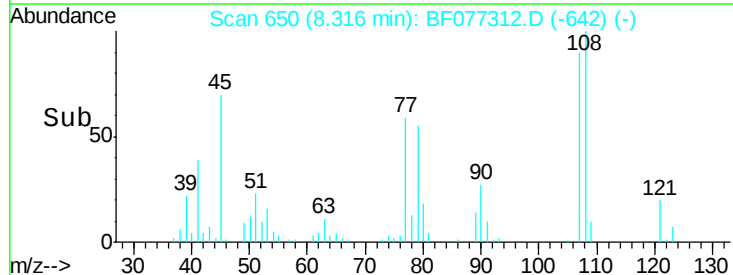
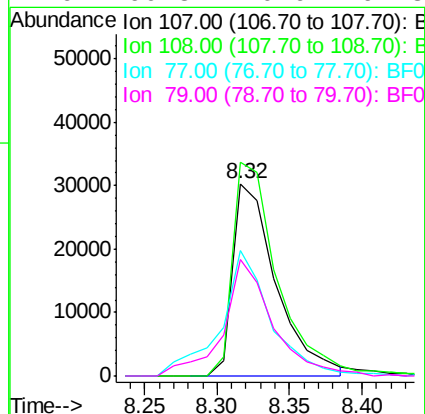
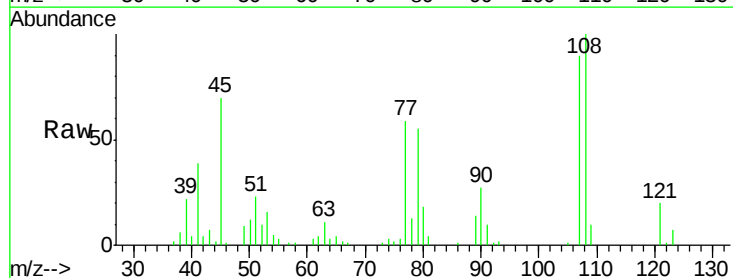
Instrument :
BNA_F
ClientSampled :
PB81735BS

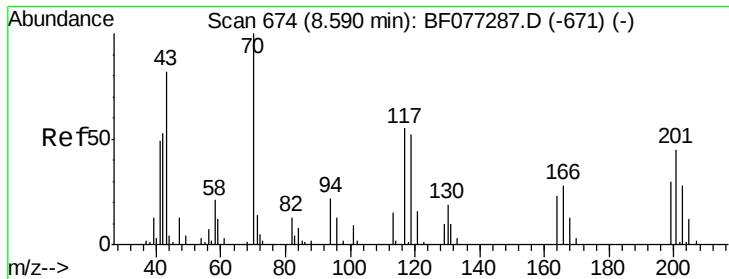
Tot Ion: 45 Resp: 98357
Ion Ratio Lower Upper
45 100
77 19.0 0.0 38.2
79 16.0 0.0 37.0



#17
2-Methylphenol
Concen: 37.98 ng
RT: 8.32 min Scan# 650
Delta R.T. -0.01 min
Lab File: BF077312.D
Acq: 13 Feb 2015 17:24

Tgt Ion: 107 Resp: 63037
Ion Ratio Lower Upper
107 100
108 111.1 93.2 139.8
77 65.5 41.3 61.9#
79 60.8 40.9 61.3

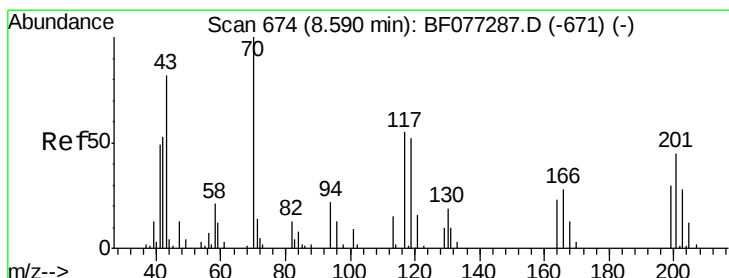
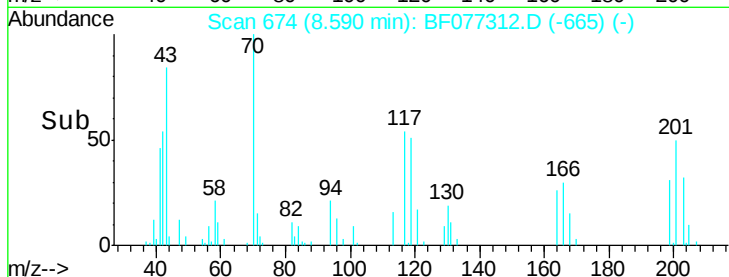
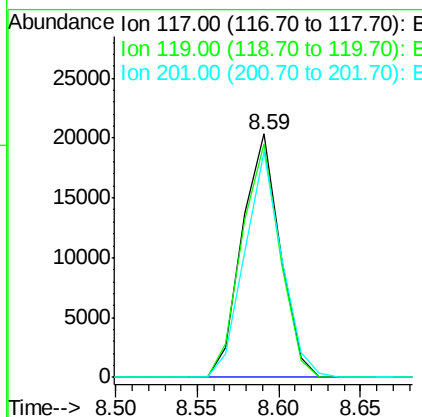
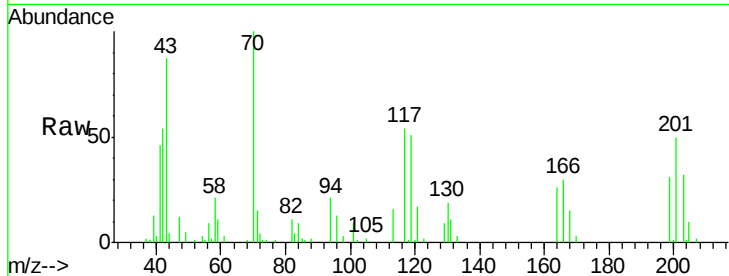




#18
Hexachloroethane
Concen: 37.11 ng
RT: 8.59 min Scan# 674
Delta R.T. 0.00 min
Lab File: BF077312.D
Acq: 13 Feb 2015 17:24

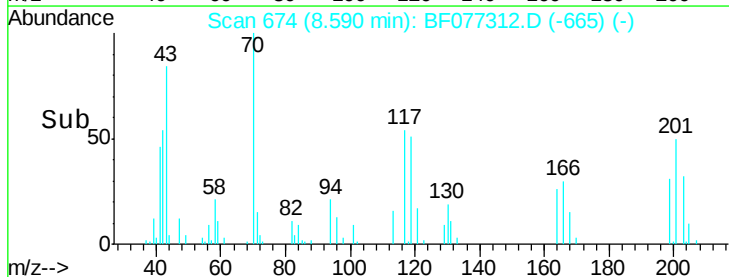
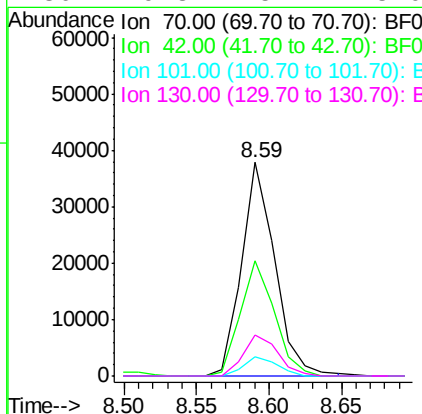
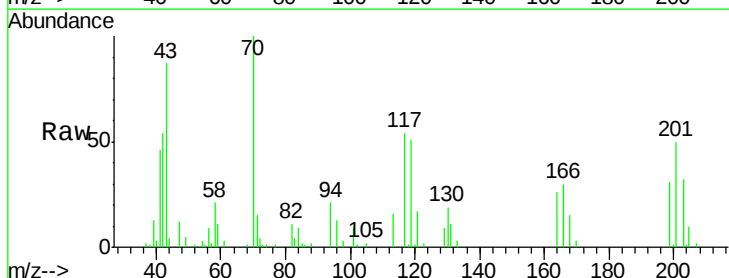
Instrument :
BNA_F
ClientSampled :
PB81735BS

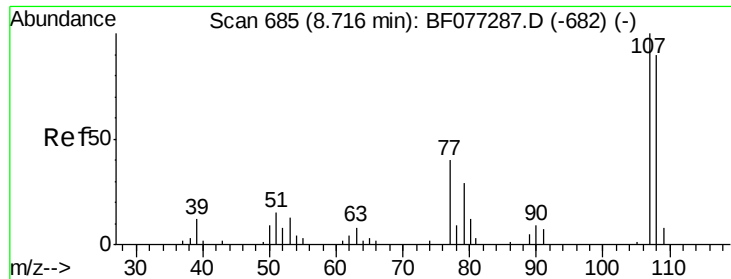
Tot Ion:117 Resp: 32975
Ion Ratio Lower Upper
117 100
119 95.7 75.5 113.3
201 92.6 64.3 96.5



#19
n-Nitroso-di-n-propylamine
Concen: 36.54 ng
RT: 8.59 min Scan# 674
Delta R.T. 0.00 min
Lab File: BF077312.D
Acq: 13 Feb 2015 17:24

Tgt Ion: 70 Resp: 60150
Ion Ratio Lower Upper
70 100
42 53.7 42.8 64.2
101 9.1 7.4 11.2
130 19.3 15.4 23.0





#20

3+4-Methylphenols

Concen: 37.59 ng/mL

RT: 8.72 min Scan# 685

Delta R.T. 0.00 min

Lab File: BF077312.D

Acq: 13 Feb 2015 17:24

Instrument :

BNA_F

ClientSampleID :

PB81735BS

Tot Ion:107 Resp: 80425

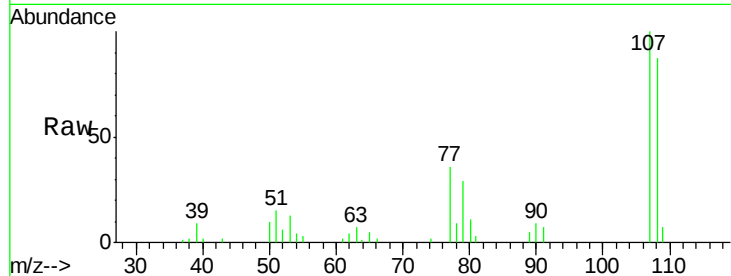
Ion Ratio Lower Upper

107 100

108 87.3 69.7 109.7

77 36.2 19.5 59.5

79 28.9 8.9 48.9

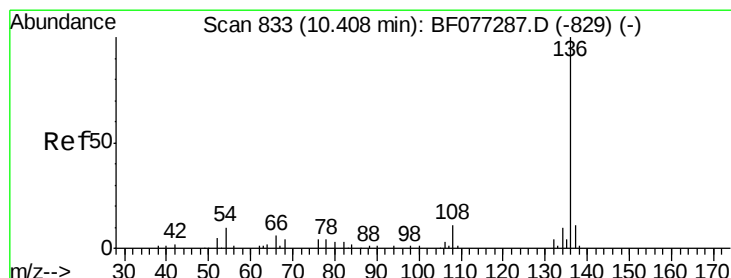
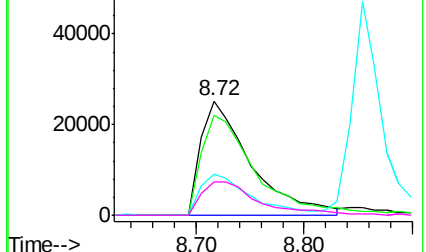
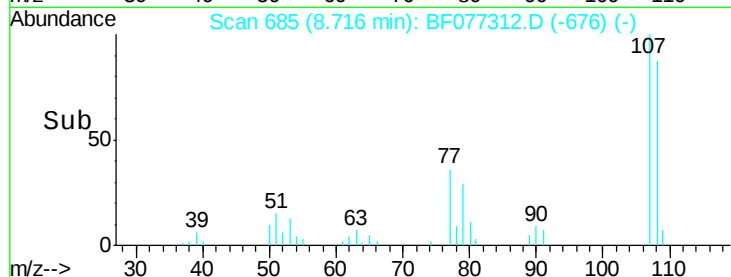


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng/mL

RT: 10.41 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF077312.D

Acq: 13 Feb 2015 17:24

Tgt Ion:136 Resp: 130251

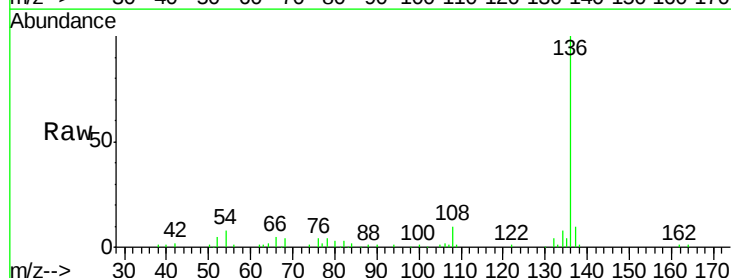
Ion Ratio Lower Upper

136 100

137 10.1 8.7 13.1

54 8.0 8.2 12.2#

68 4.2 3.1 4.7

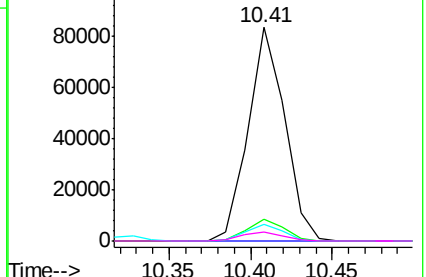
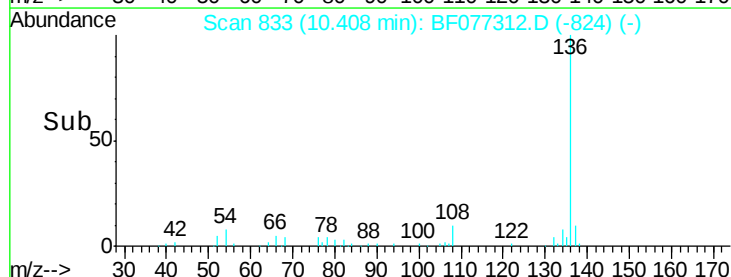


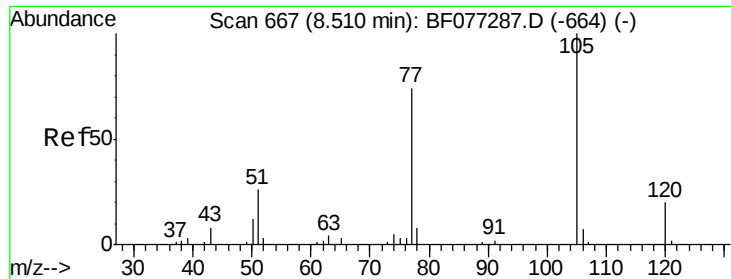
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#22

Acetophenone

Concen: 37.67 ng

RT: 8.51 min Scan# 667

Delta R.T. 0.00 min

Lab File: BF077312.D

Acq: 13 Feb 2015 17:24

Instrument :

BNA_F

ClientSampleId :

PB81735BS

Tot Ion:105 Resp: 117837

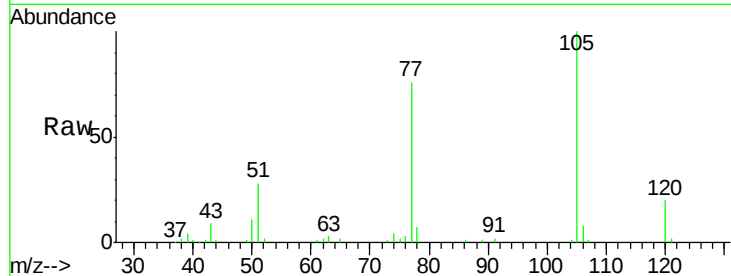
Ion Ratio Lower Upper

105 100

71 0.0 0.0 0.0

51 28.0 21.0 31.6

120 20.0 15.8 23.6

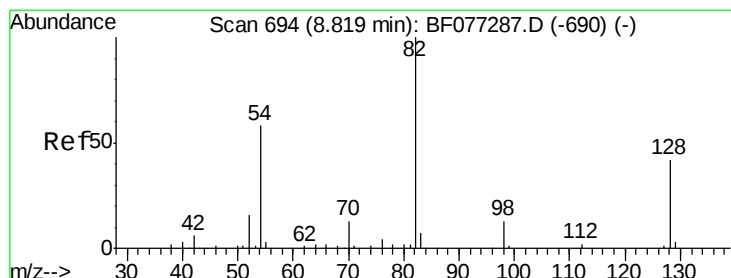
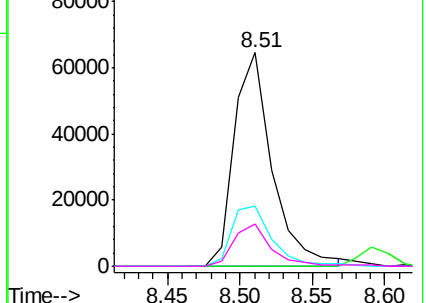
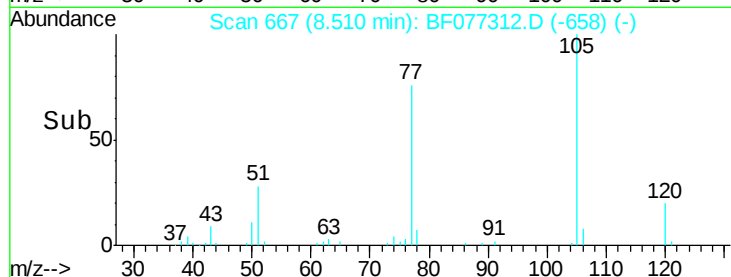


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 81.53 ng

RT: 8.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: BF077312.D

Acq: 13 Feb 2015 17:24

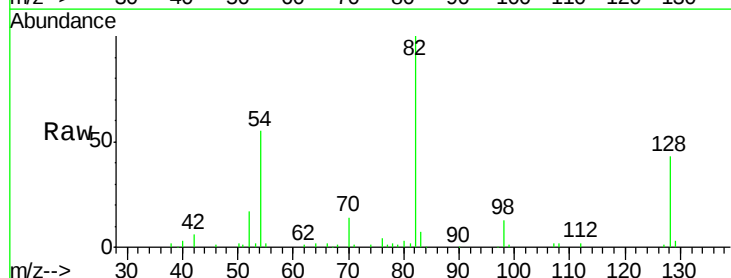
Tgt Ion: 82 Resp: 185919

Ion Ratio Lower Upper

82 100

128 42.8 33.6 50.4

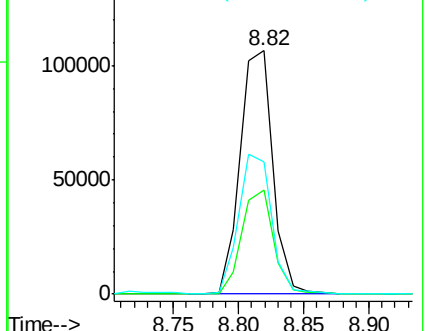
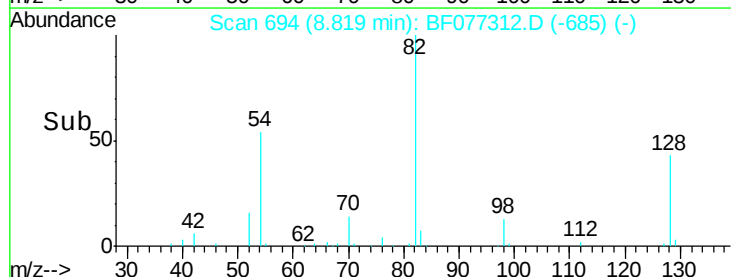
54 54.6 46.2 69.2

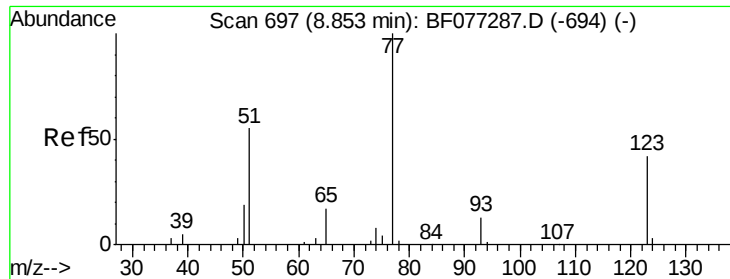


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

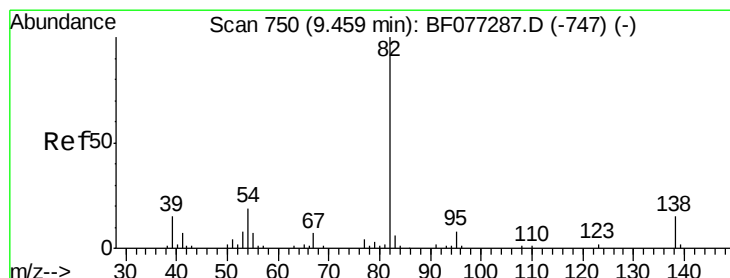
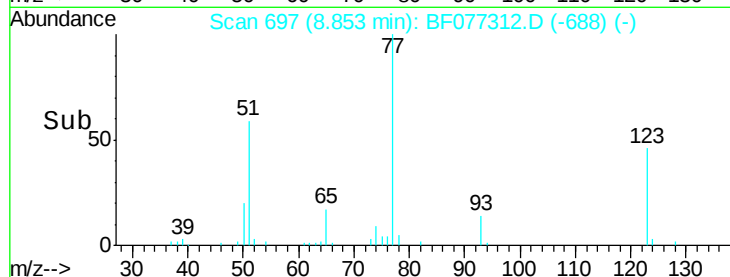
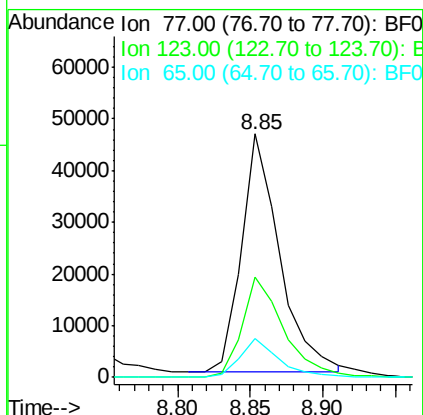
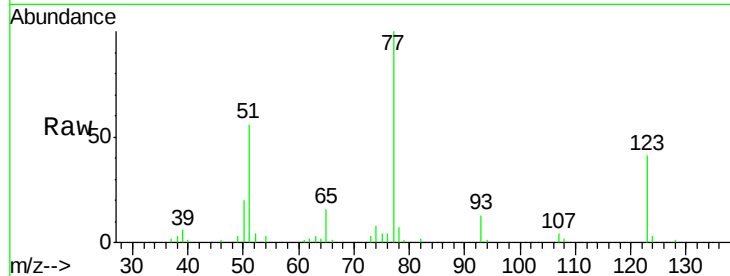




#24
Nitrobenzene
Concen: 37.22 ng
RT: 8.85 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF077312.D
Acq: 13 Feb 2015 17:24

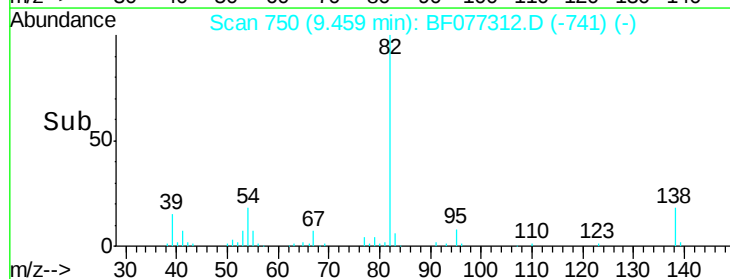
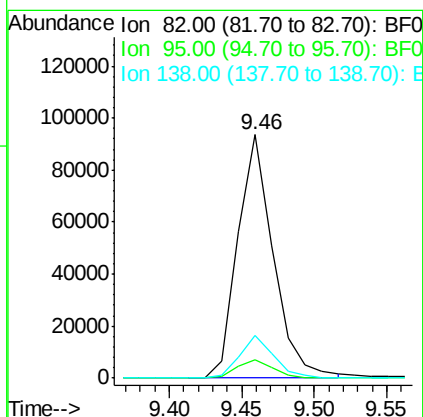
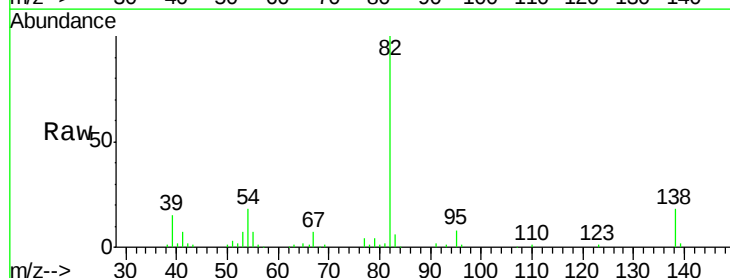
Instrument :
BNA_F
ClientSampleId :
PB81735BS

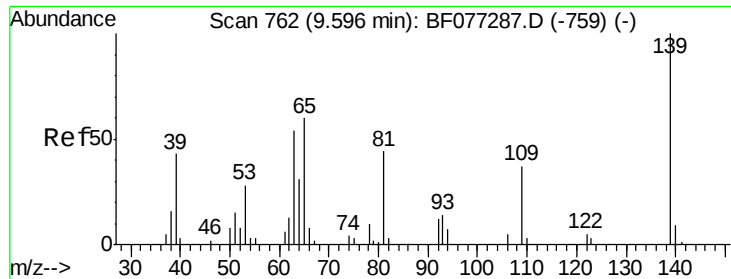
Tot Ion: 77 Resp: 84145
Ion Ratio Lower Upper
77 100
123 41.3 33.1 49.7
65 15.9 13.0 19.6



#25
Isophorone
Concen: 38.74 ng
RT: 9.46 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF077312.D
Acq: 13 Feb 2015 17:24

Tgt Ion: 82 Resp: 159236
Ion Ratio Lower Upper
82 100
95 7.6 6.3 9.5
138 17.7 12.1 18.1

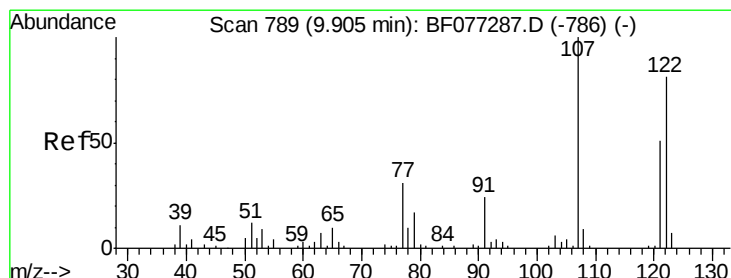
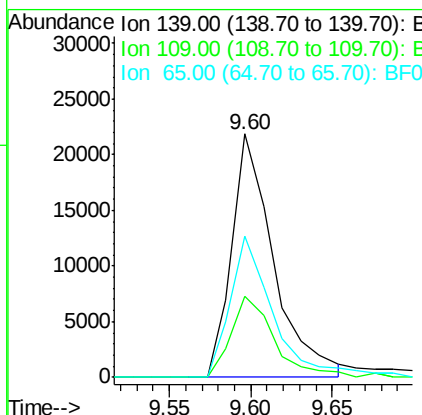
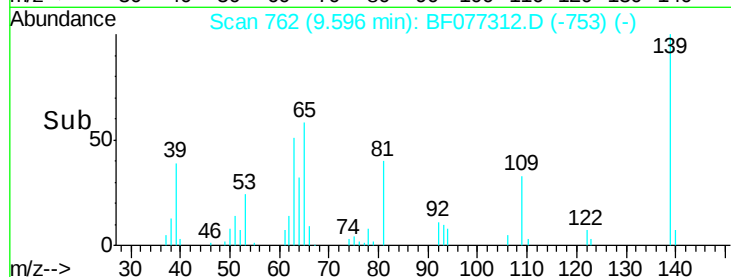
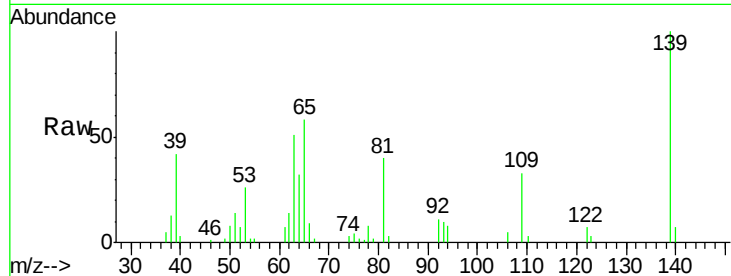




#26
 2-Nitrophenol
 Concen: 35.10 ng
 RT: 9.60 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF077312.D
 Acq: 13 Feb 2015 17:24

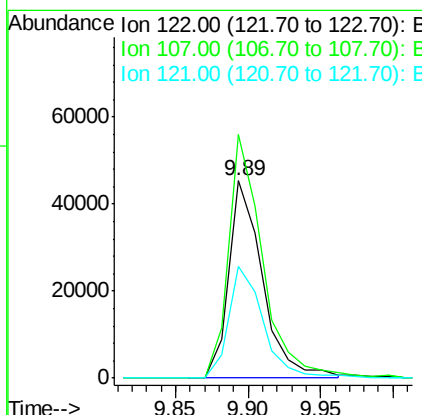
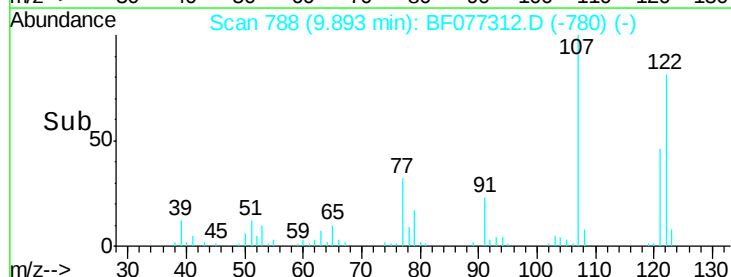
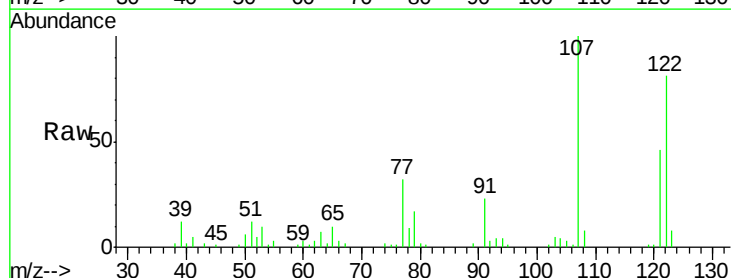
Instrument :
 BNA_F
 ClientSampleId :
 PB81735BS

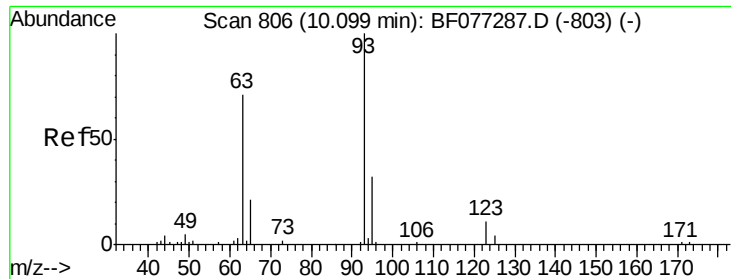
Tot Ion	Ratio	Lower	Upper
139	100		
109	33.3	29.4	44.2
65	58.1	47.9	71.9



#27
 2,4-Dimethylphenol
 Concen: 39.78 ng
 RT: 9.89 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF077312.D
 Acq: 13 Feb 2015 17:24

Tgt Ion	Ratio	Lower	Upper
122	100		
107	123.4	99.1	148.7
121	56.6	50.2	75.2

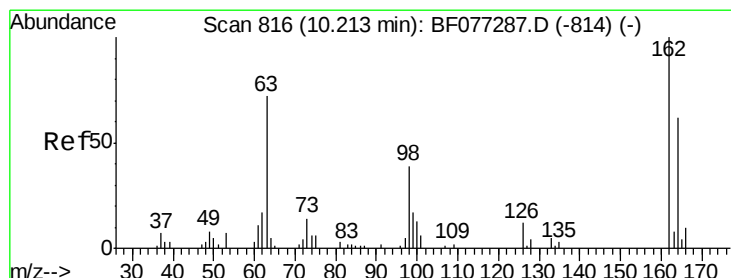
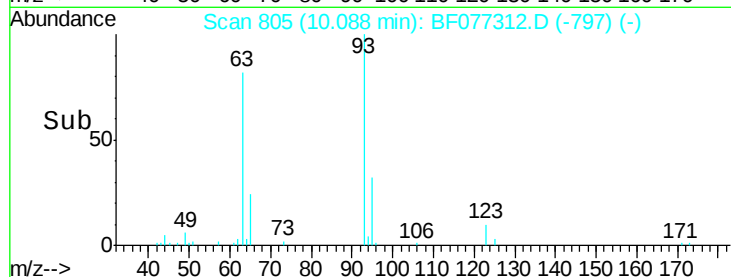
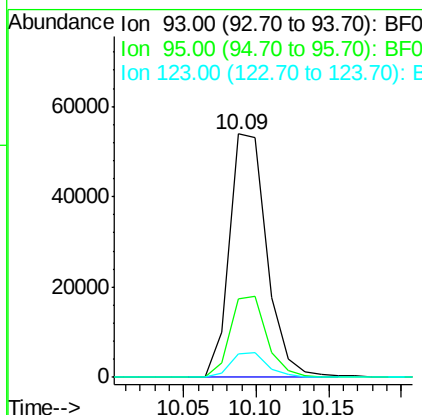
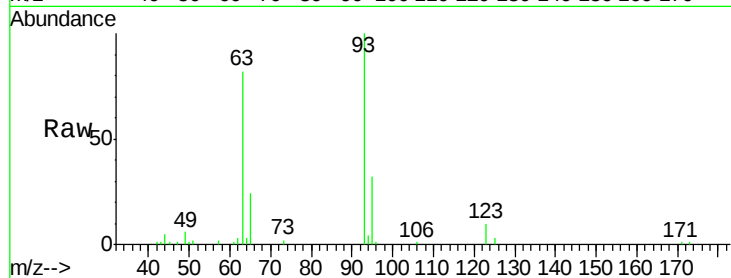




#28
bis(2-Chloroethoxy)methane
Concen: 38.68 ng
RT: 10.09 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF077312.D
Acq: 13 Feb 2015 17:24

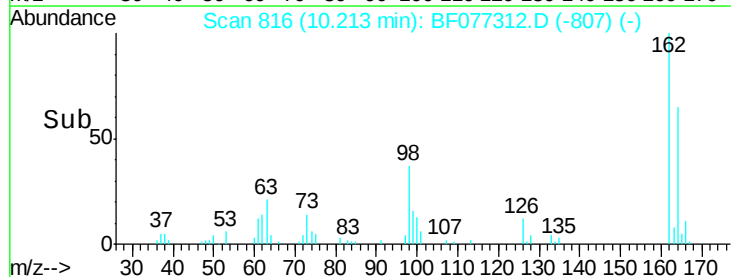
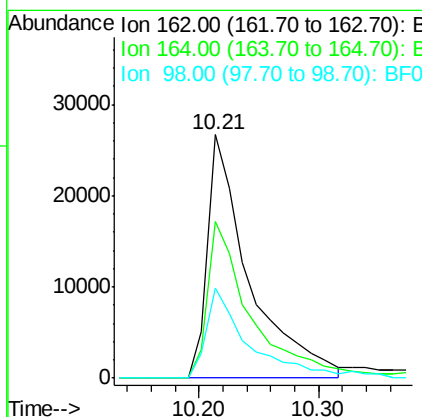
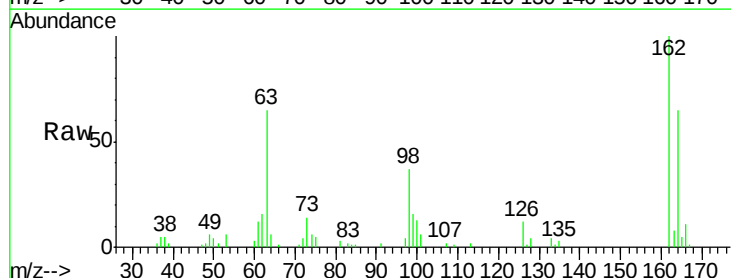
Instrument :
BNA_F
ClientSampleId :
PB81735BS

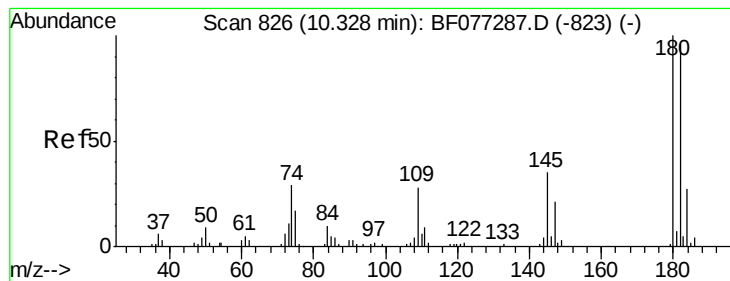
Tot Ion: 93 Resp: 96802
Ion Ratio Lower Upper
93 100
95 32.2 25.4 38.2
123 9.5 8.5 12.7



#29
2,4-Dichlorophenol
Concen: 38.38 ng m
RT: 10.21 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF077312.D
Acq: 13 Feb 2015 17:24

Tgt Ion: 162 Resp: 64786
Ion Ratio Lower Upper
162 100
164 64.6 41.9 81.9
98 37.2 19.3 59.3





#30

1,2,4-Trichlorobenzene

Concen: 38.11 ng

RT: 10.33 min Scan# 826

Delta R.T. 0.00 min

Lab File: BF077312.D

Acq: 13 Feb 2015 17:24

Instrument :

BNA_F

ClientSampleId :

PB81735BS

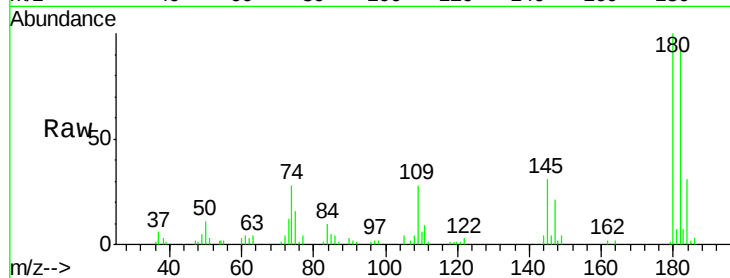
Tot Ion:180 Resp: 72731

Ion Ratio Lower Upper

180 100

182 93.6 77.0 115.6

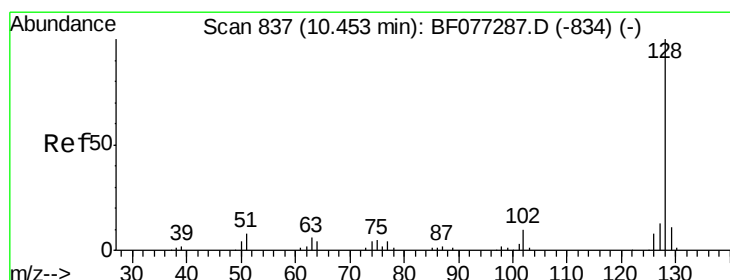
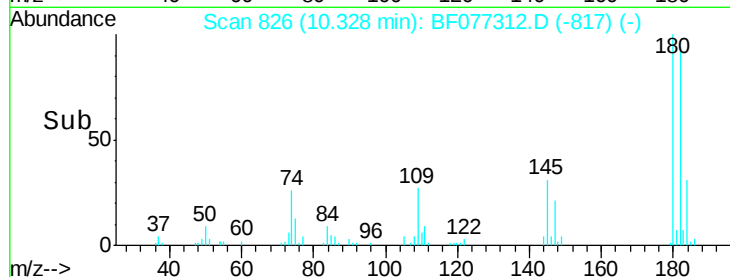
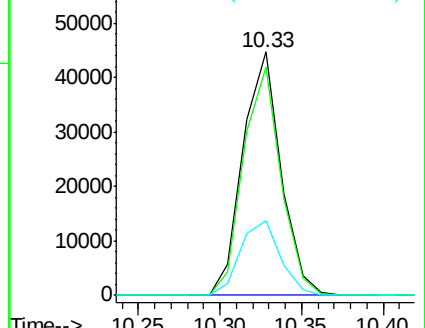
145 30.6 27.9 41.9



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: 37.63 ng

RT: 10.45 min Scan# 837

Delta R.T. 0.00 min

Lab File: BF077312.D

Acq: 13 Feb 2015 17:24

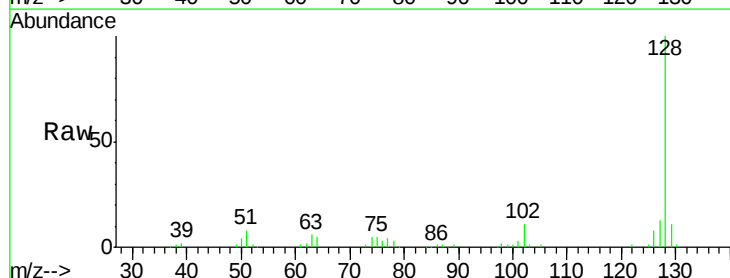
Tgt Ion:128 Resp: 241897

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.6

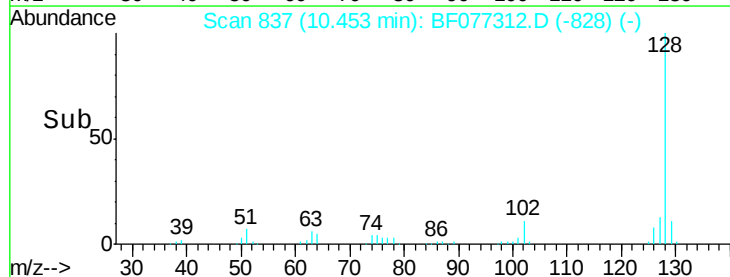
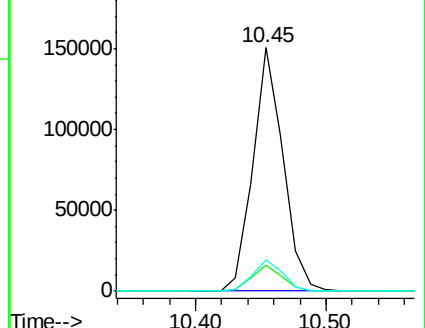
127 12.6 10.4 15.6

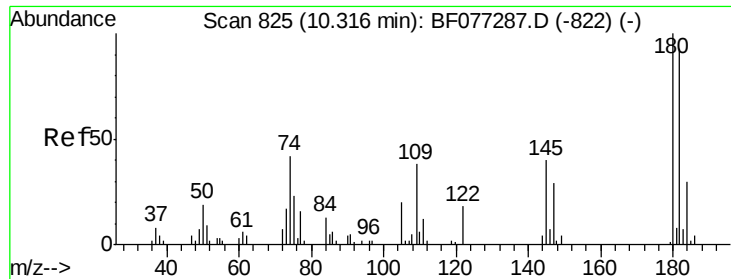


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

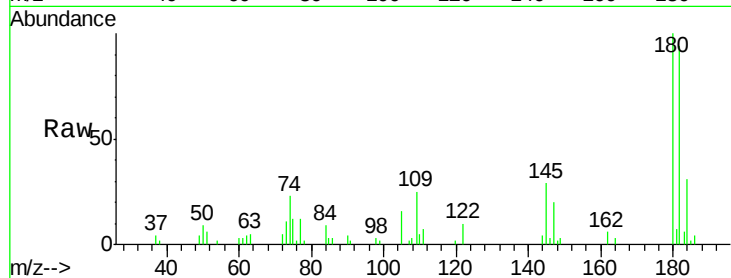




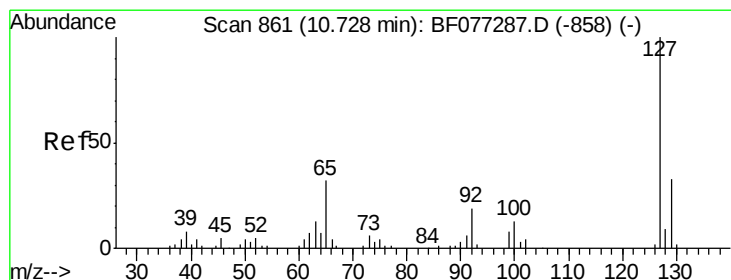
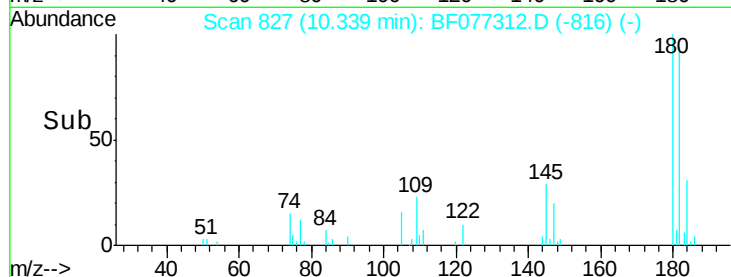
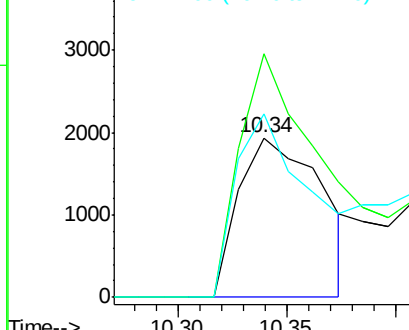
#32
Benzoic acid
Concen: 25.56 ng
RT: 10.34 min Scan# 827
Delta R.T. 0.02 min
Lab File: BF077312.D
Acq: 13 Feb 2015 17:24

Instrument :
BNA_F
ClientSampleId :
PB81735BS

Tot Ion:122 Resp: 5155
Ion Ratio Lower Upper
122 100
105 152.7 93.4 133.4#
77 115.4 72.6 112.6#

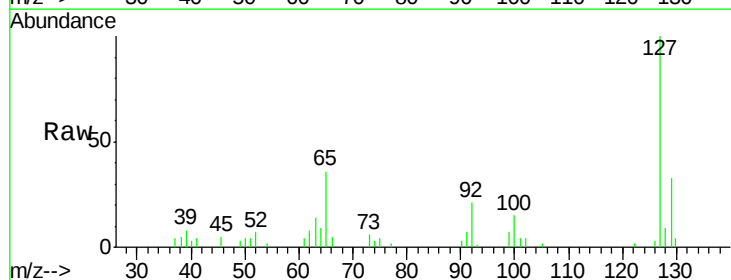


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

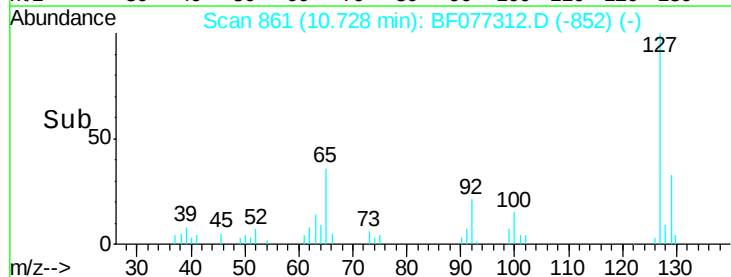
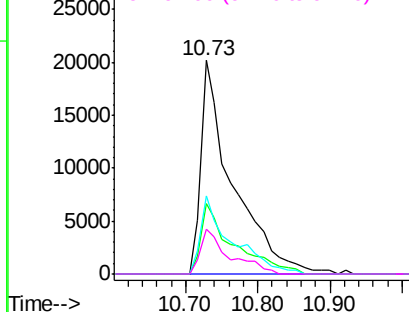


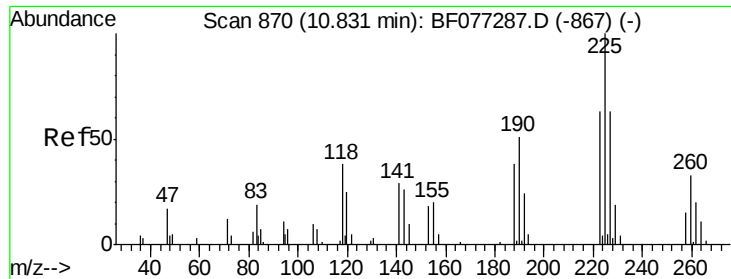
#33
4-Chloroaniline
Concen: 23.97 ng m
RT: 10.73 min Scan# 861
Delta R.T. 0.00 min
Lab File: BF077312.D
Acq: 13 Feb 2015 17:24

Tgt Ion:127 Resp: 62164
Ion Ratio Lower Upper
127 100
129 32.8 26.0 39.0
65 36.4 25.6 38.4
92 21.1 15.1 22.7



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

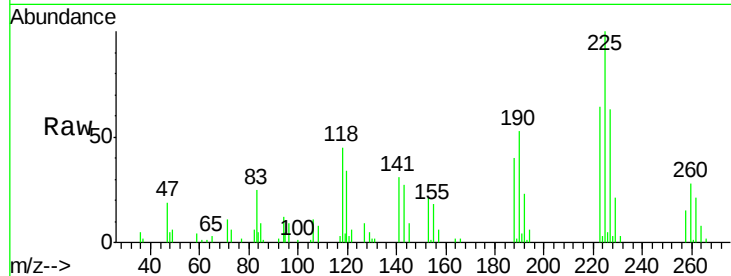




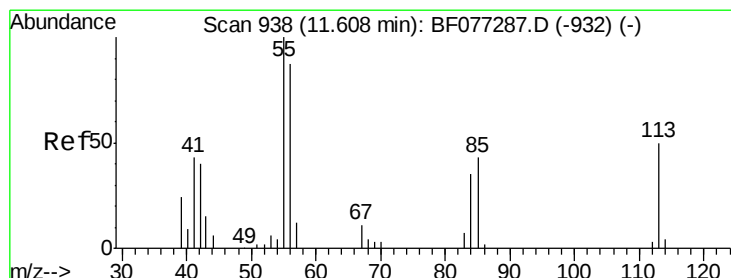
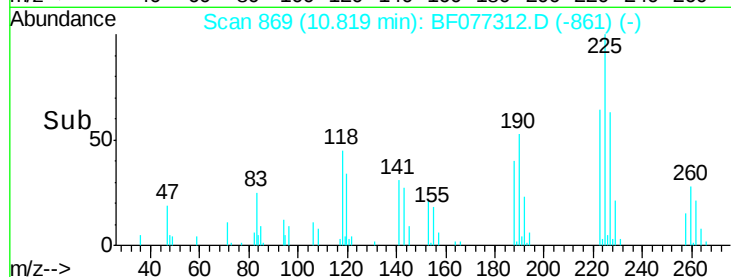
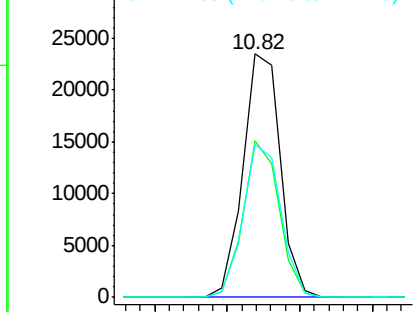
#34
Hexachlorobutadiene
Concen: 38.55 ng
RT: 10.82 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF077312.D
Acq: 13 Feb 2015 17:24

Instrument :
BNA_F
ClientSampleId :
PB81735BS

Tot Ion:225 Resp: 41793
Ion Ratio Lower Upper
225 100
223 64.3 50.2 75.4
227 62.6 50.2 75.2

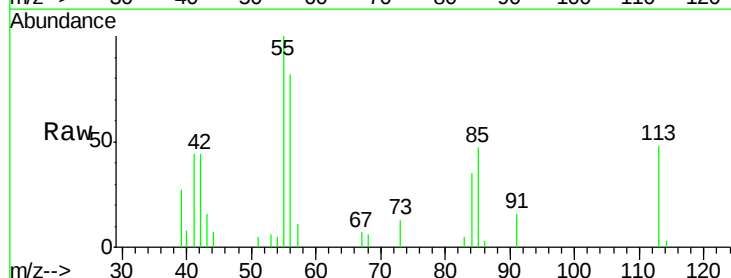


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

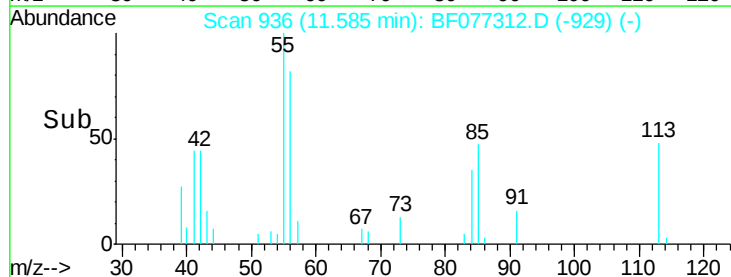
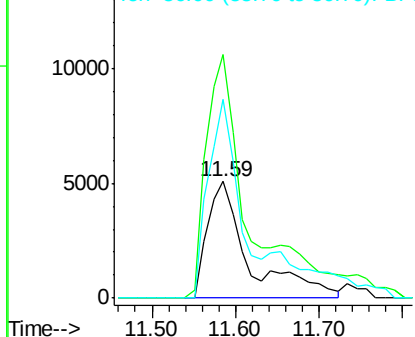


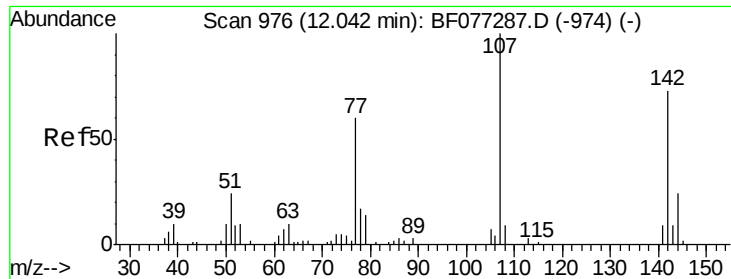
#35
Caprolactam
Concen: 34.45 ng m
RT: 11.59 min Scan# 936
Delta R.T. -0.02 min
Lab File: BF077312.D
Acq: 13 Feb 2015 17:24

Tgt Ion:113 Resp: 17592
Ion Ratio Lower Upper
113 100
55 209.4 178.4 218.4
56 171.2 152.8 192.8



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

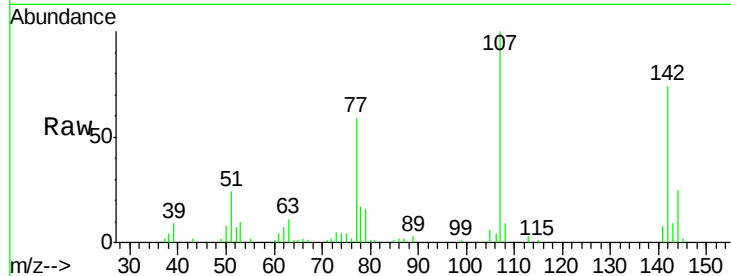




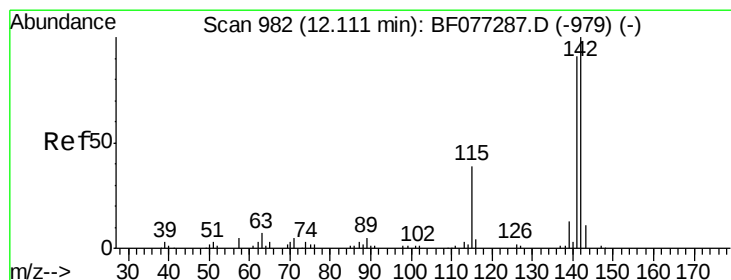
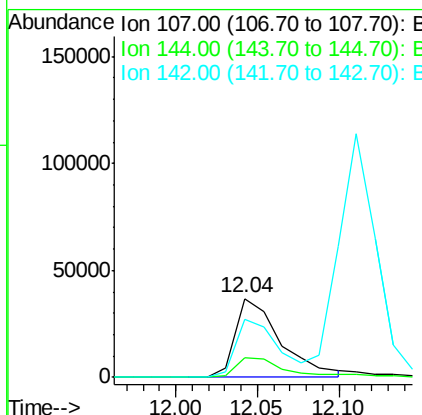
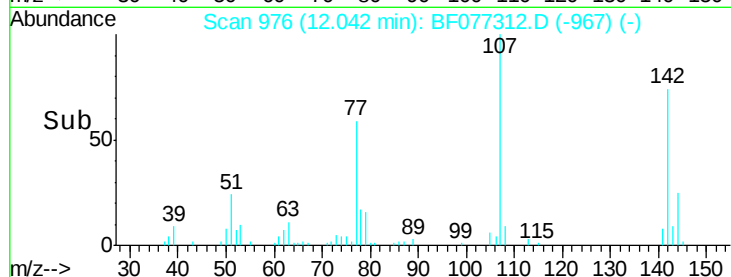
#36
4-Chloro-3-methylphenol
Concen: 37.43 ng
RT: 12.04 min Scan# 976
Delta R.T. 0.00 min
Lab File: BF077312.D
Acq: 13 Feb 2015 17:24

Instrument :
BNA_F
ClientSampleId :
PB81735BS

Tot Ion:107 Resp: 70678
Ion Ratio Lower Upper
107 100
144 25.4 19.2 28.8
142 74.3 58.6 88.0

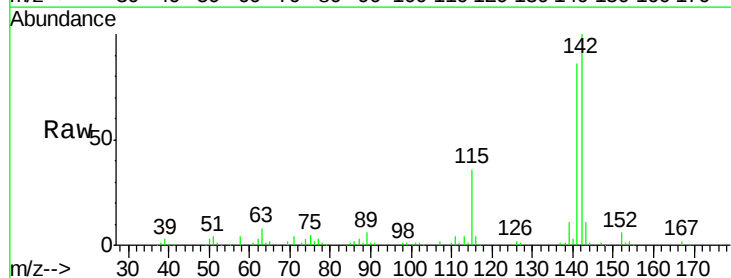


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

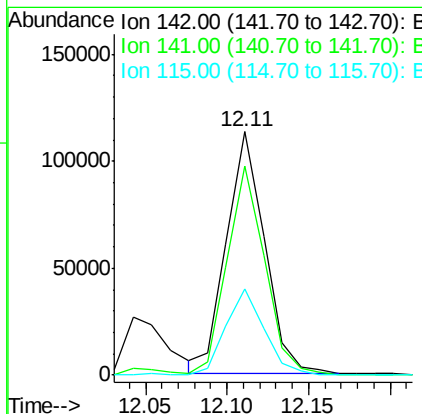
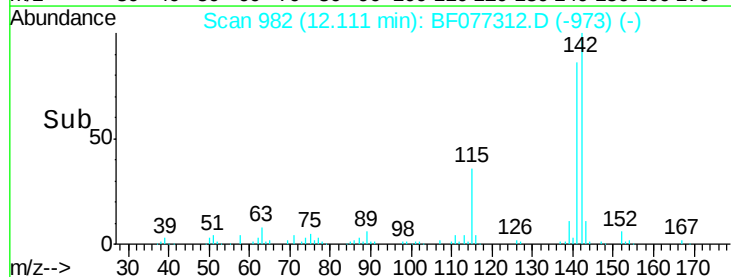


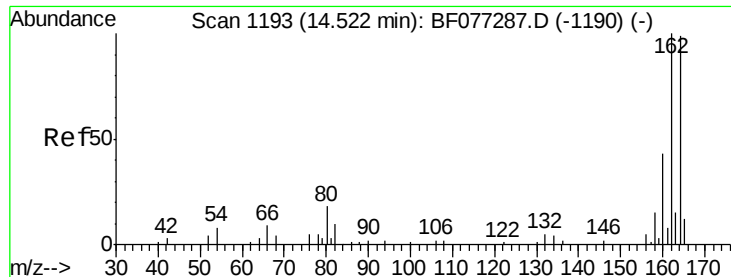
#37
2-Methylnaphthalene
Concen: 37.76 ng
RT: 12.11 min Scan# 982
Delta R.T. 0.00 min
Lab File: BF077312.D
Acq: 13 Feb 2015 17:24

Tgt Ion:142 Resp: 182000
Ion Ratio Lower Upper
142 100
141 85.7 69.8 104.6
115 35.5 29.5 44.3



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.52 min Scan# 1193

Delta R.T. 0.00 min

Lab File: BF077312.D

Acq: 13 Feb 2015 17:24

Instrument :

BNA_F

ClientSampleId :

PB81735BS

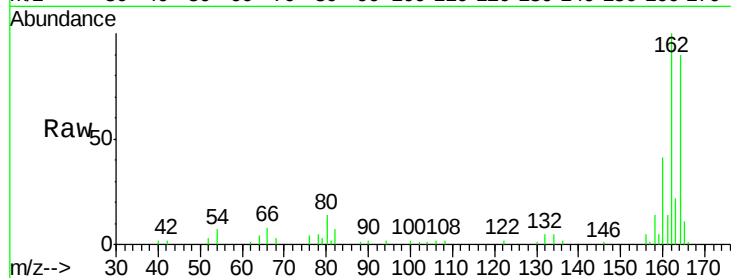
Tot Ion:164 Resp: 64311

Ion Ratio Lower Upper

164 100

162 110.6 81.0 121.4

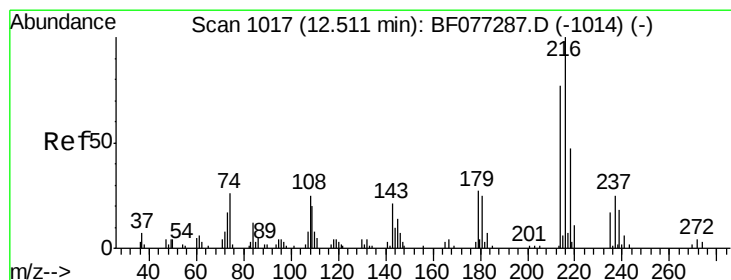
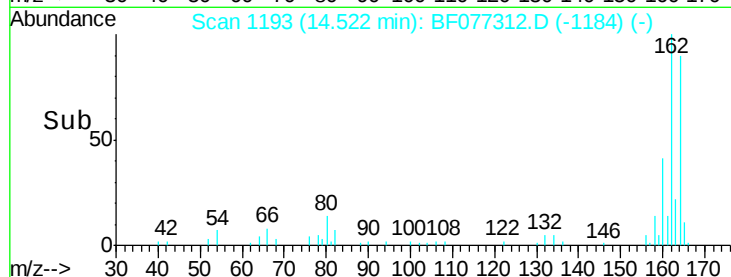
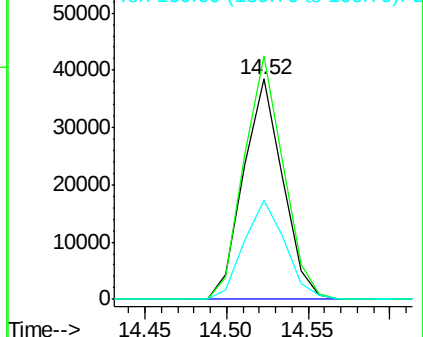
160 45.0 35.2 52.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.36 ng

RT: 12.51 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BF077312.D

Acq: 13 Feb 2015 17:24

Tgt Ion:216 Resp: 68554

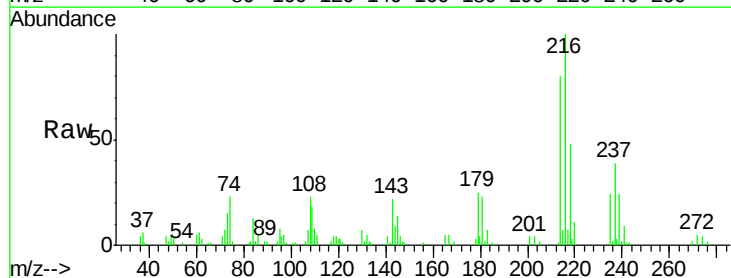
Ion Ratio Lower Upper

216 100

214 78.3 0.0 0.0#

179 24.0 0.0 0.0#

108 24.7 0.0 0.0#

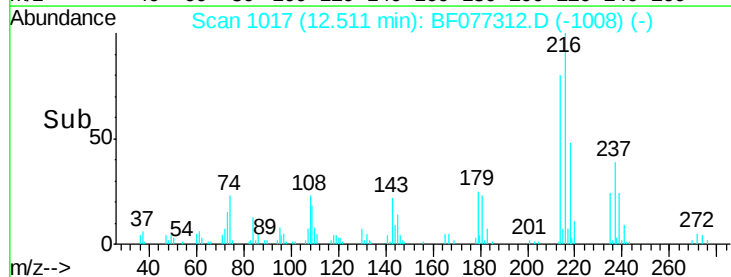
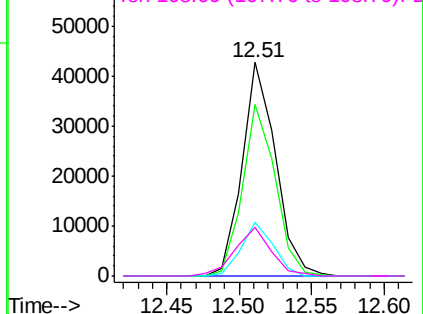


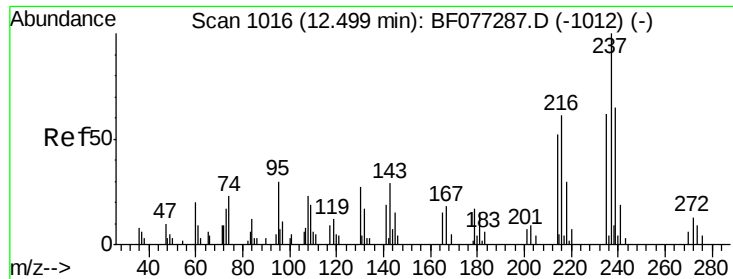
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

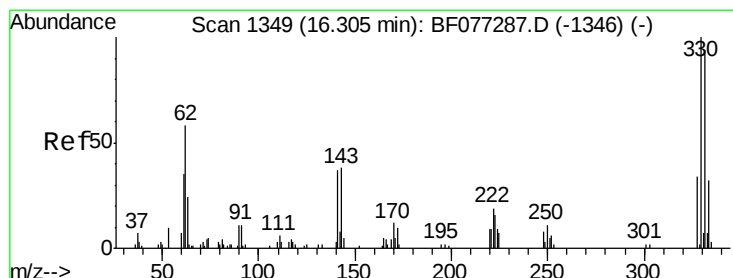
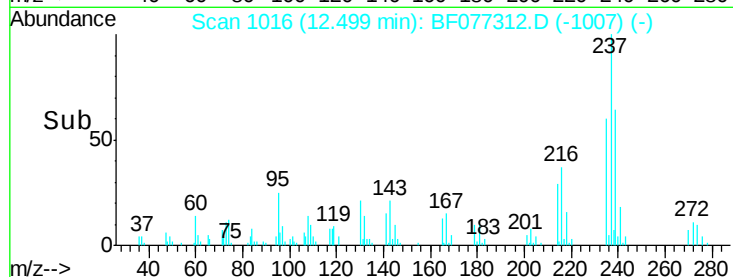
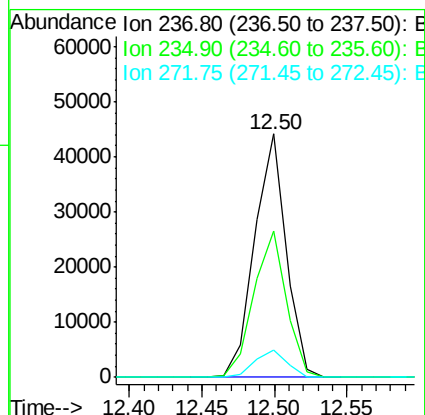
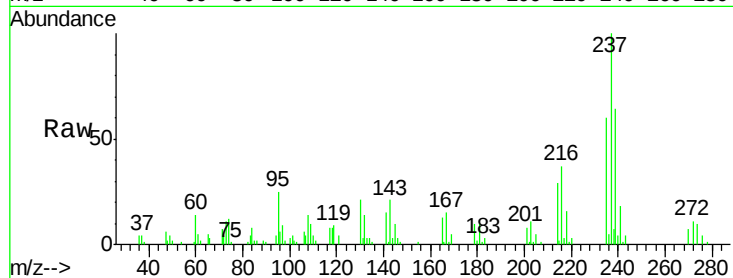




#40
Hexachlorocyclopentadiene
Concen: 83.27 ng
RT: 12.50 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BF077312.D
Acq: 13 Feb 2015 17:24

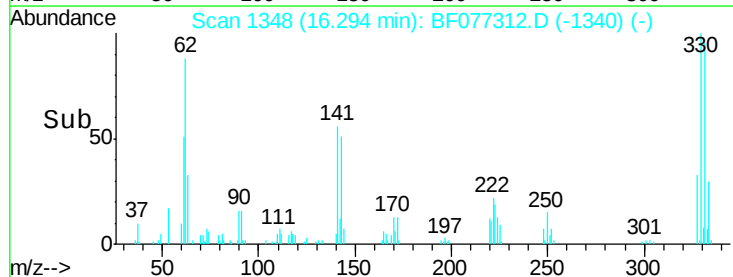
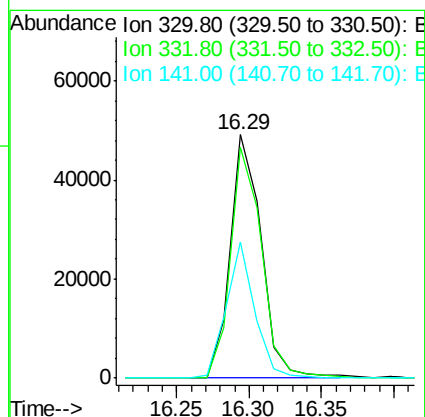
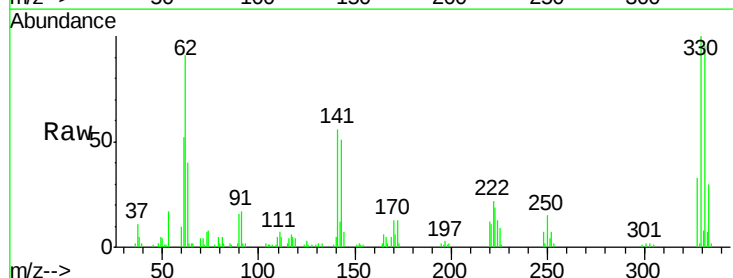
Instrument :
BNA_F
ClientSampleId :
PB81735BS

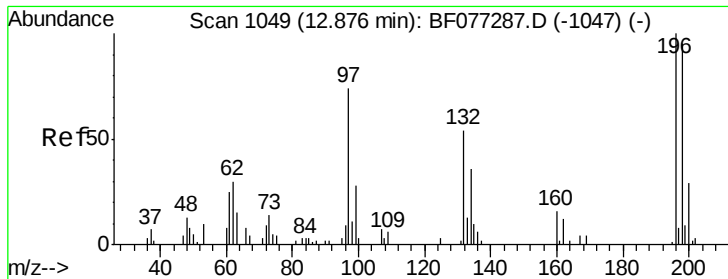
Tot Ion:237 Resp: 66635
Ion Ratio Lower Upper
237 100
235 59.9 42.0 82.0
272 11.3 0.0 33.3



#41
2,4,6-Tribromophenol
Concen: 139.61 ng
RT: 16.29 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF077312.D
Acq: 13 Feb 2015 17:24

Tgt Ion:330 Resp: 73217
Ion Ratio Lower Upper
330 100
332 95.0 0.0 0.0#
141 50.9 0.0 0.0#

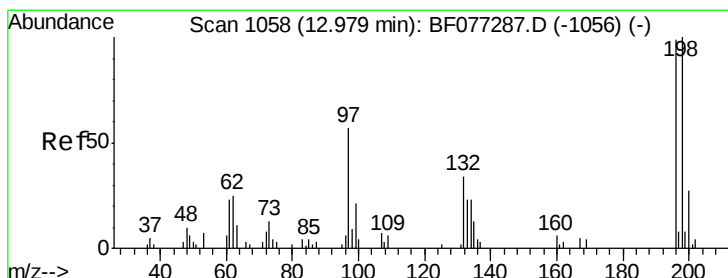
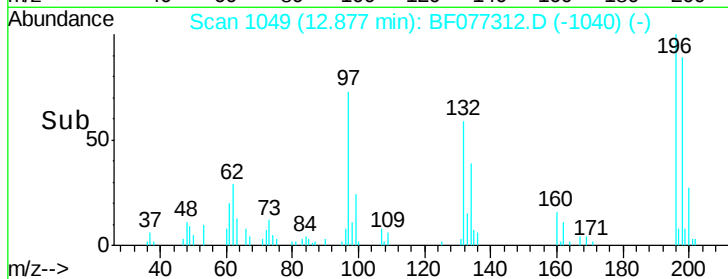
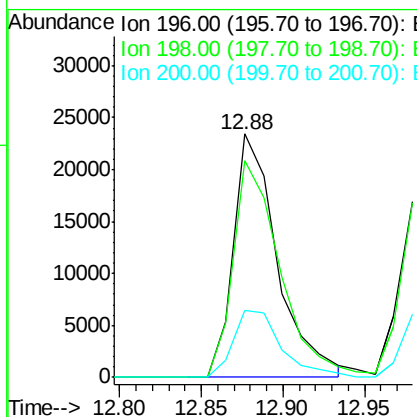
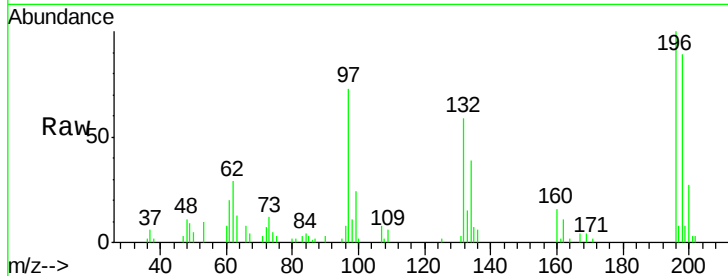




#42
 2,4,6-Trichlorophenol
 Concen: 41.01 ng
 RT: 12.88 min Scan# 1049
 Delta R.T. 0.00 min
 Lab File: BF077312.D
 Acq: 13 Feb 2015 17:24

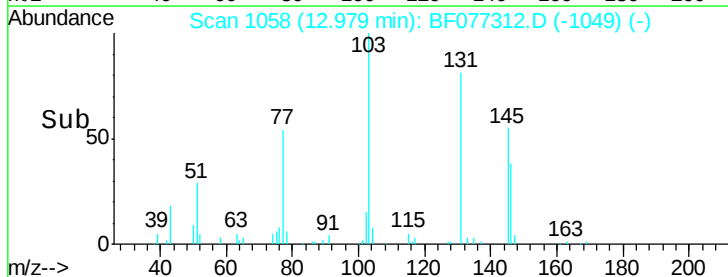
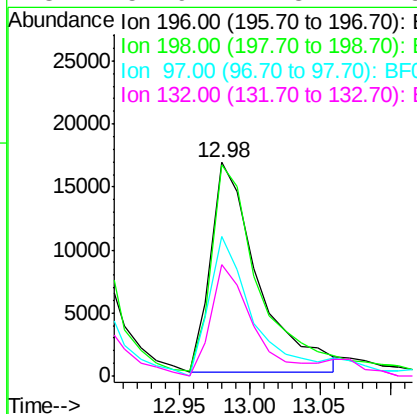
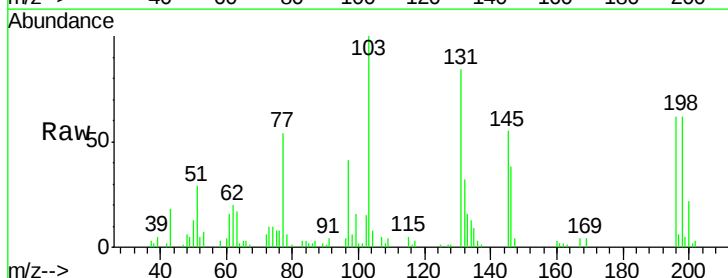
Instrument :
 BNA_F
 ClientSampleId :
 PB81735BS

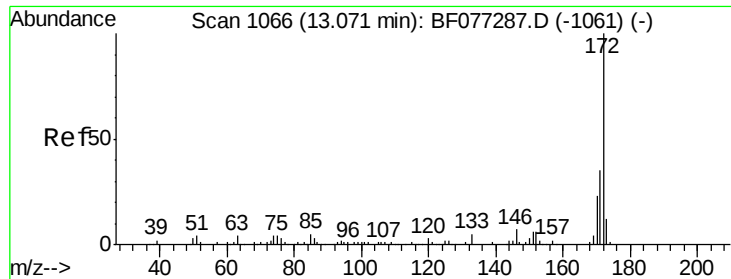
Tot Ion:196 Resp: 43614
 Ion Ratio Lower Upper
 196 100
 198 89.0 75.8 113.8
 200 27.3 23.3 34.9



#43
 2,4,5-Trichlorophenol
 Concen: 38.00 ng m
 RT: 12.98 min Scan# 1058
 Delta R.T. 0.00 min
 Lab File: BF077312.D
 Acq: 13 Feb 2015 17:24

Tgt Ion:196 Resp: 39604
 Ion Ratio Lower Upper
 196 100
 198 99.1 82.6 123.8
 97 65.2 47.3 70.9
 132 51.9 27.8 41.8#

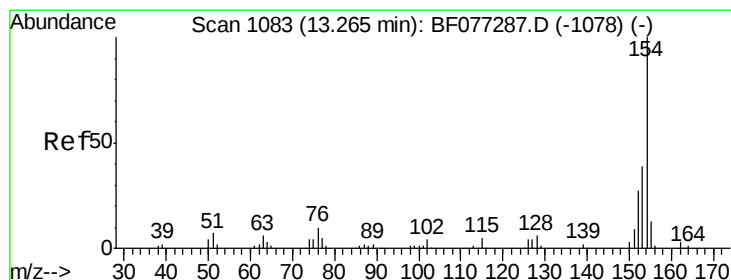
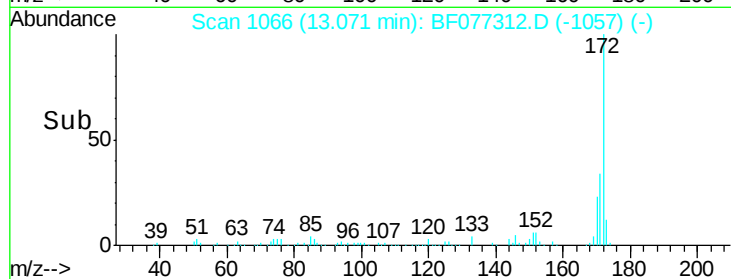
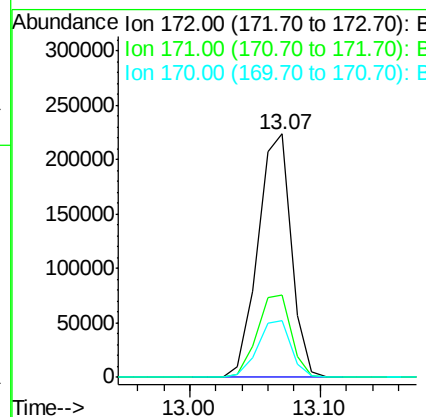
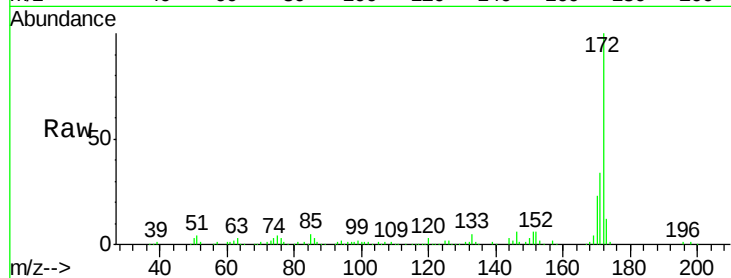




#44
2-Fluorobiphenyl
Concen: 93.67 ng
RT: 13.07 min Scan# 1066
Delta R.T. 0.00 min
Lab File: BF077312.D
Acq: 13 Feb 2015 17:24

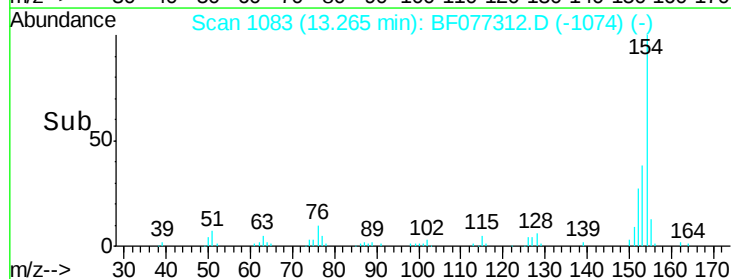
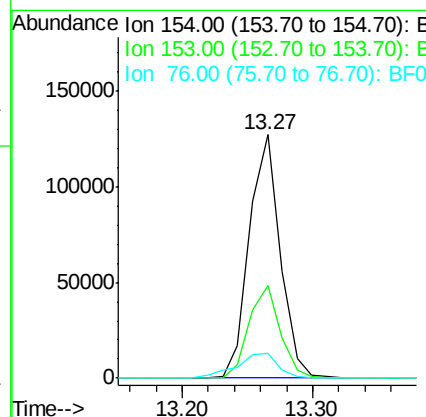
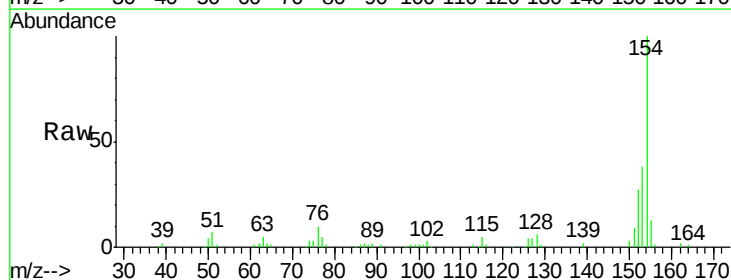
Instrument :
BNA_F
ClientSampleId :
PB81735BS

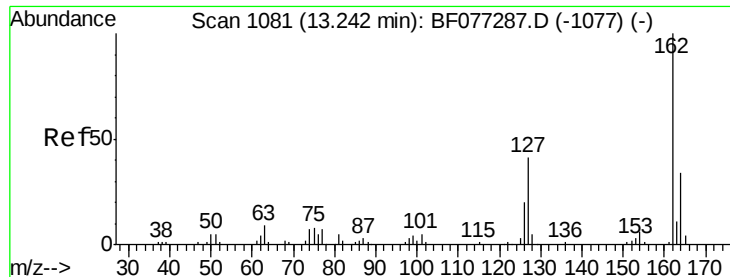
Tot Ion	Ratio	Lower	Upper
172	100		
171	33.7	27.8	41.8
170	23.3	18.3	27.5



#45
1,1'-Biphenyl
Concen: 42.48 ng
RT: 13.27 min Scan# 1083
Delta R.T. 0.00 min
Lab File: BF077312.D
Acq: 13 Feb 2015 17:24

Tgt Ion	Ratio	Lower	Upper
154	100		
153	37.9	18.9	58.9
76	10.2	0.0	30.4

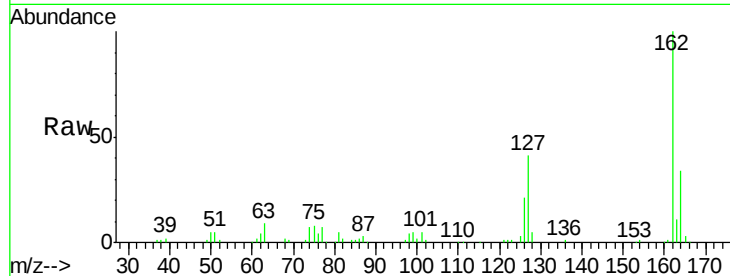




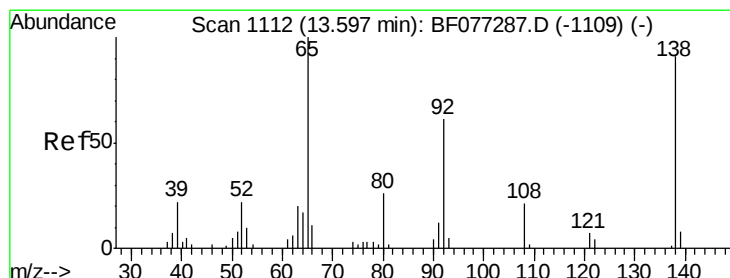
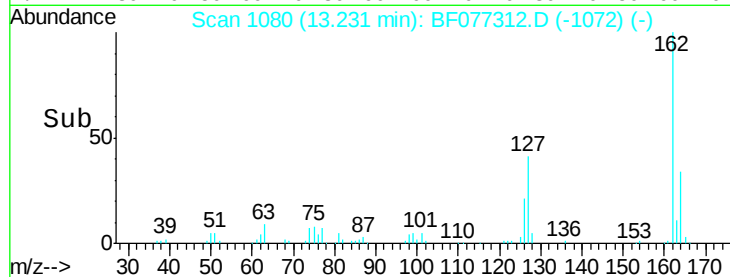
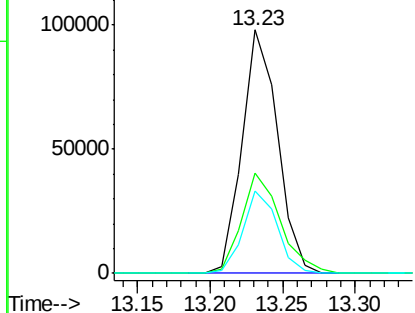
#46
2-Chloronaphthalene
Concen: 42.08 ng
RT: 13.23 min Scan# 1080
Delta R.T. -0.01 min
Lab File: BF077312.D
Acq: 13 Feb 2015 17:24

Instrument :
BNA_F
ClientSampleId :
PB81735BS

Tot Ion:162 Resp: 166520
Ion Ratio Lower Upper
162 100
127 41.4 32.6 48.8
164 33.9 27.0 40.6

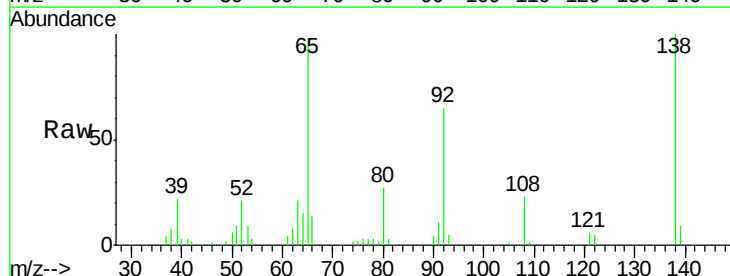


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

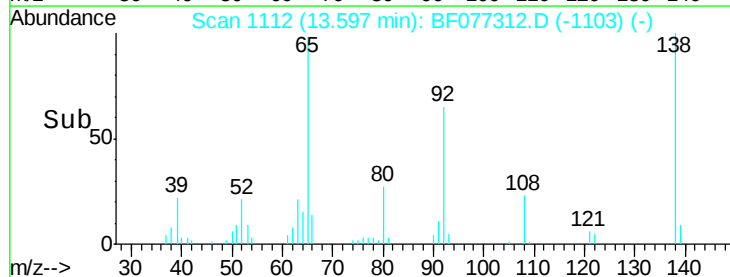
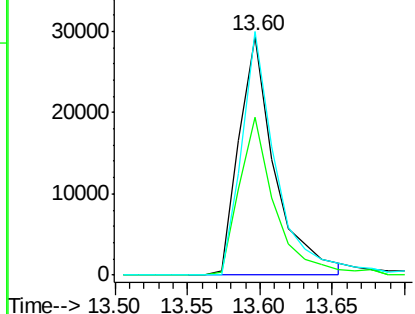


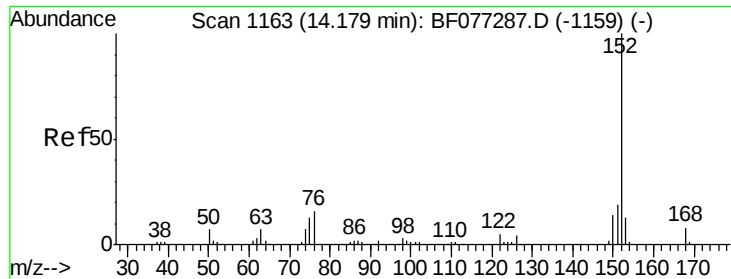
#47
2-Nitroaniline
Concen: 43.70 ng
RT: 13.60 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BF077312.D
Acq: 13 Feb 2015 17:24

Tgt Ion: 65 Resp: 50534
Ion Ratio Lower Upper
65 100
92 66.3 48.7 73.1
138 101.9 72.5 108.7



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): E





#48

Acenaphthylene

Concen: 43.40 ng

RT: 14.18 min Scan# 1163

Delta R.T. 0.00 min

Lab File: BF077312.D

Acq: 13 Feb 2015 17:24

Instrument :

BNA_F

ClientSampleId :

PB81735BS

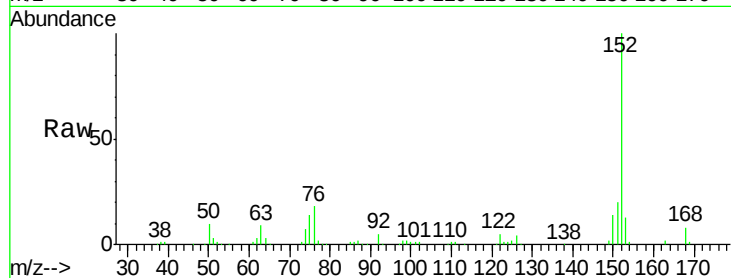
Tot Ion:152 Resp: 271025

Ion Ratio Lower Upper

152 100

151 19.5 15.3 22.9

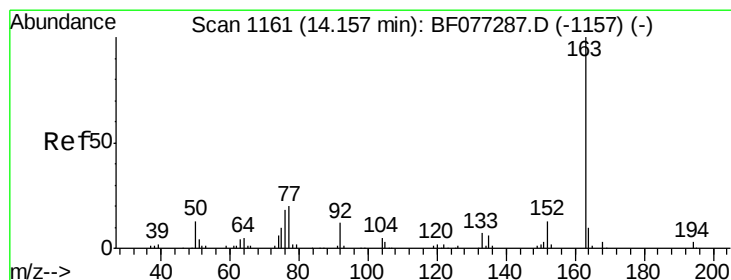
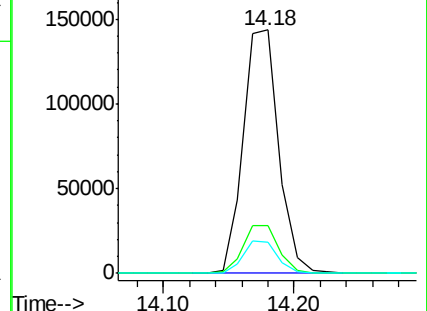
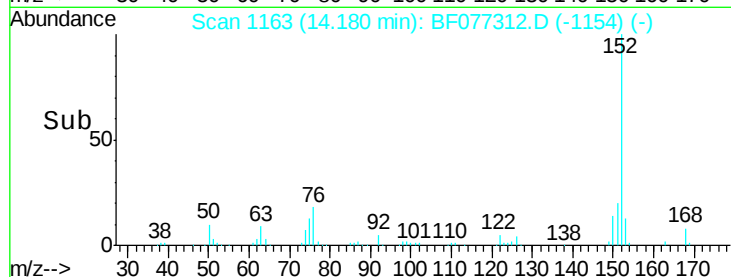
153 12.9 10.2 15.2



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: 44.61 ng

RT: 14.16 min Scan# 1161

Delta R.T. 0.00 min

Lab File: BF077312.D

Acq: 13 Feb 2015 17:24

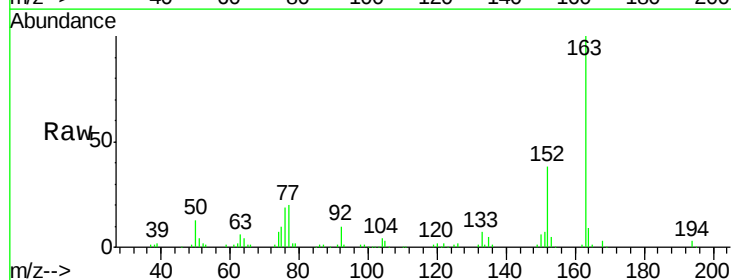
Tgt Ion:163 Resp: 207476

Ion Ratio Lower Upper

163 100

194 2.9 2.3 3.5

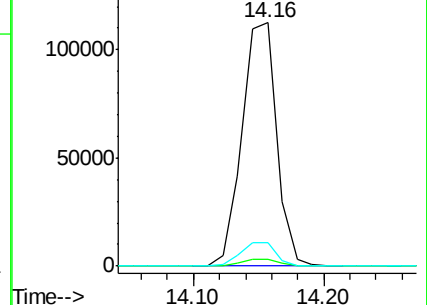
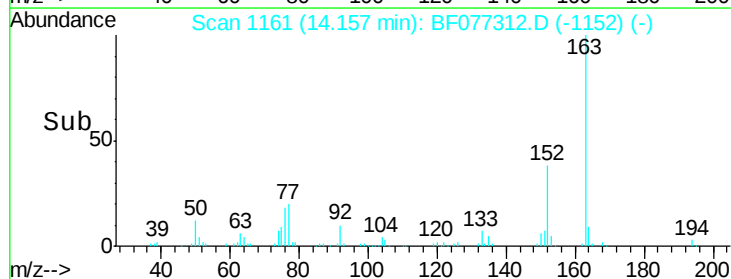
164 9.4 7.6 11.4

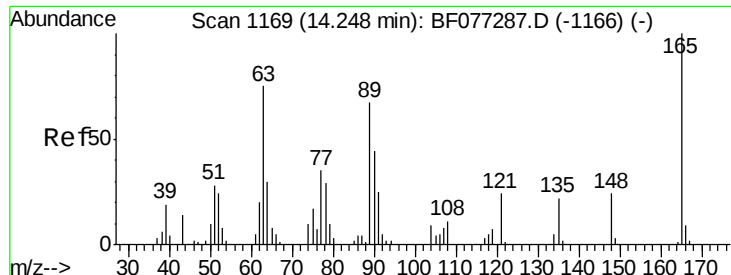


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

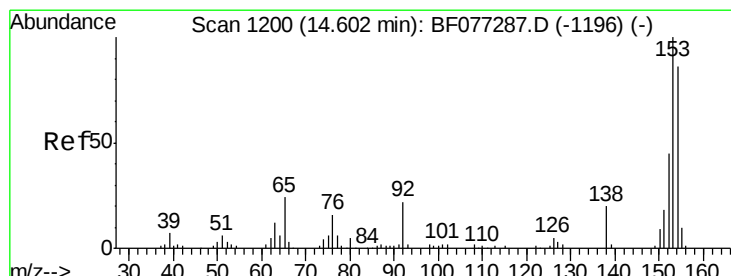
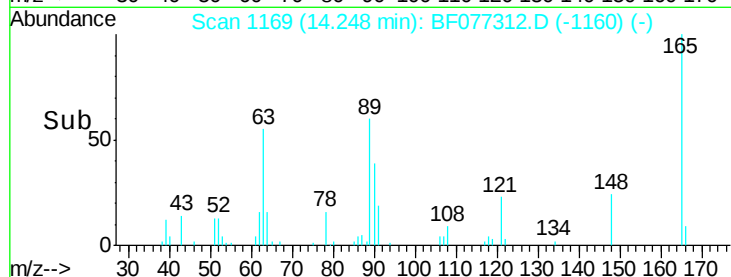
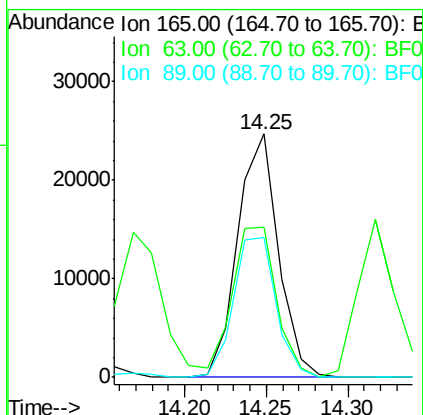
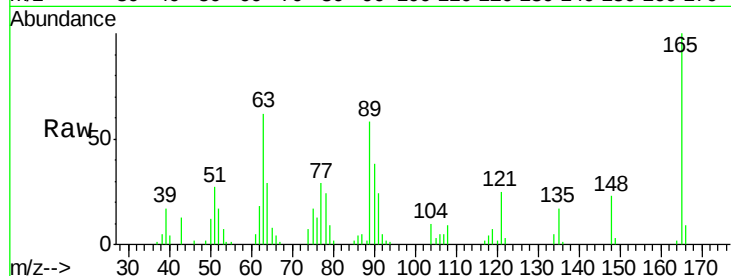




#50
2,6-Dinitrotoluene
Concen: 47.38 ng
RT: 14.25 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BF077312.D
Acq: 13 Feb 2015 17:24

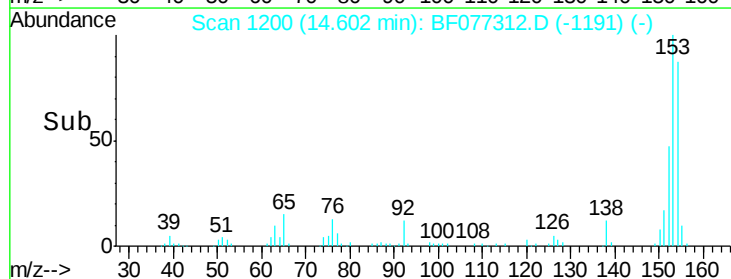
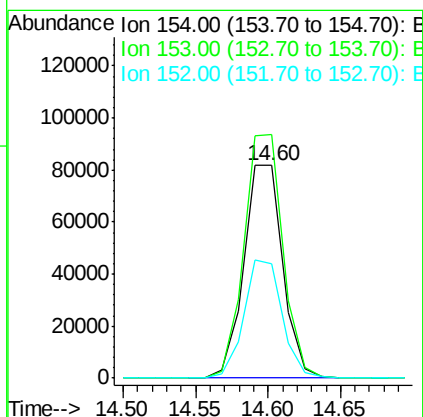
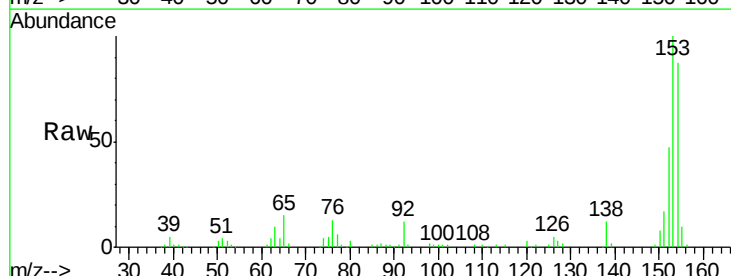
Instrument :
BNA_F
ClientSampleId :
PB81735BS

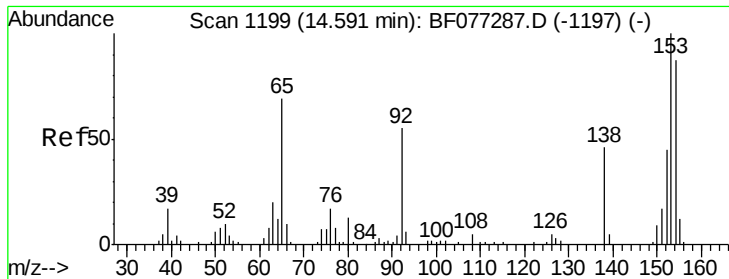
Tot Ion:165 Resp: 42604
Ion Ratio Lower Upper
165 100
63 61.8 61.2 91.8
89 57.6 53.7 80.5



#51
Acenaphthene
Concen: 42.01 ng
RT: 14.60 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BF077312.D
Acq: 13 Feb 2015 17:24

Tgt Ion:154 Resp: 151934
Ion Ratio Lower Upper
154 100
153 114.5 92.5 138.7
152 53.8 42.1 63.1

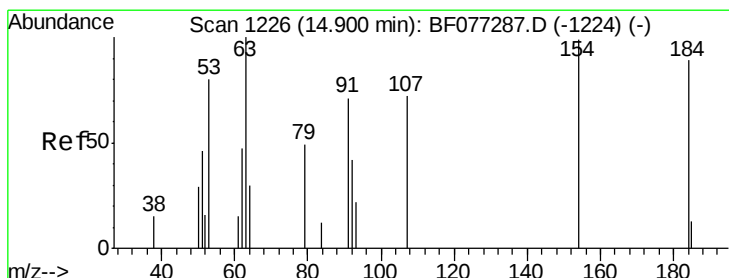
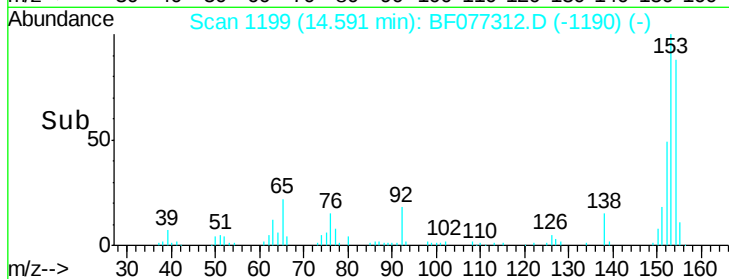
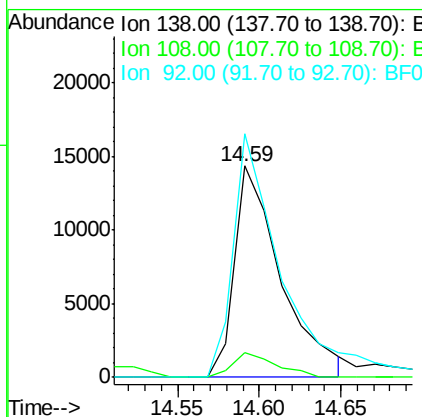
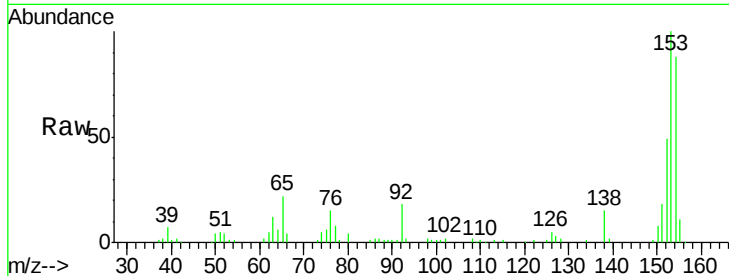




#52
3-Nitroaniline
Concen: 25.87 ng
RT: 14.59 min Scan# 1199
Delta R.T. 0.00 min
Lab File: BF077312.D
Acq: 13 Feb 2015 17:24

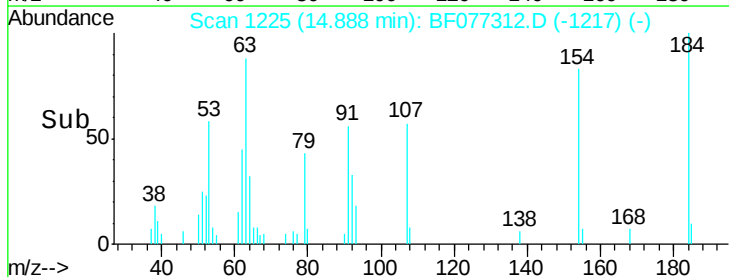
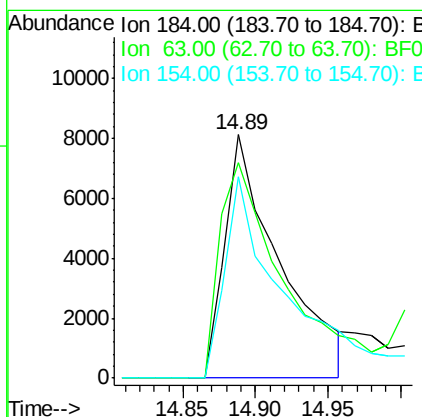
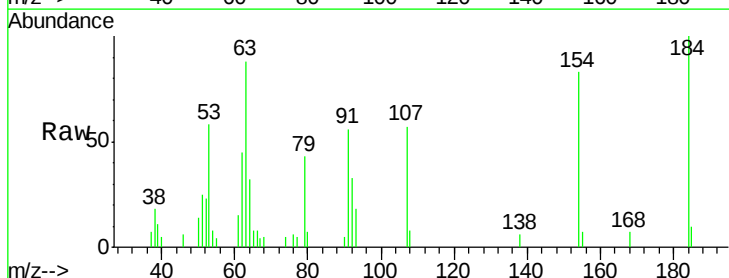
Instrument :
BNA_F
ClientSampleId :
PB81735BS

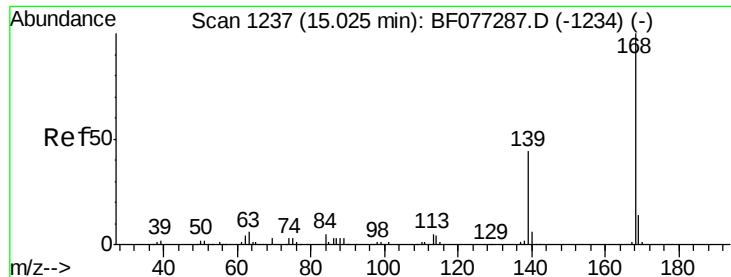
Tot Ion:138 Resp: 28455
Ion Ratio Lower Upper
138 100
108 11.9 9.5 14.3
92 115.2 95.8 143.6



#53
2,4-Dinitrophenol
Concen: 68.87 ng
RT: 14.89 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF077312.D
Acq: 13 Feb 2015 17:24

Tgt Ion:184 Resp: 21297
Ion Ratio Lower Upper
184 100
63 88.4 90.2 135.4#
154 82.8 89.7 134.5#

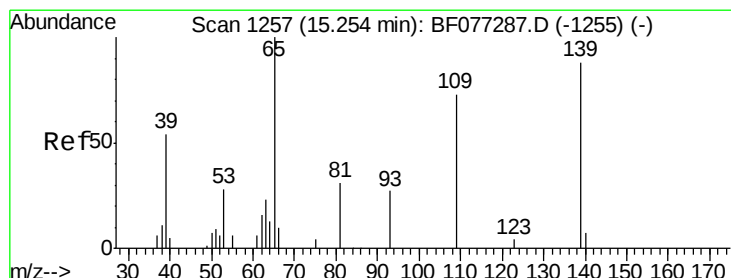
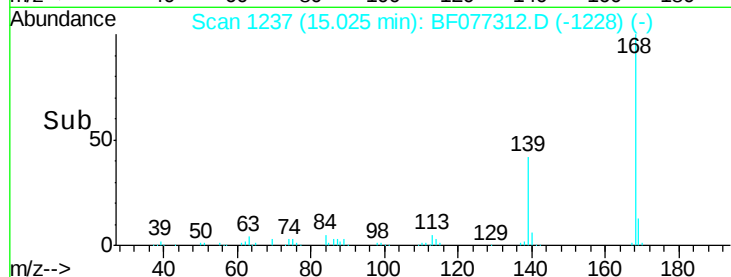
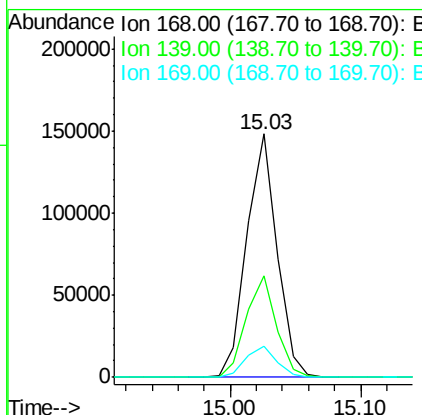
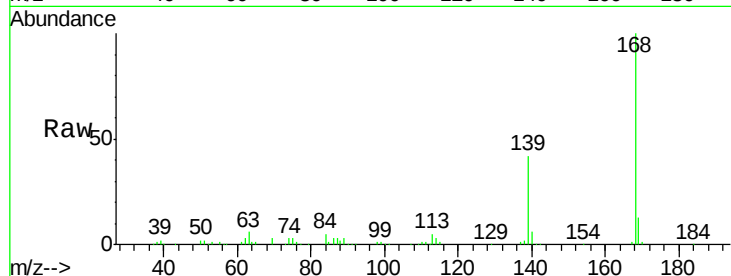




#54
Dibenzenofuran
Concen: 42.81 ng
RT: 15.03 min Scan# 1237
Delta R.T. 0.00 min
Lab File: BF077312.D
Acq: 13 Feb 2015 17:24

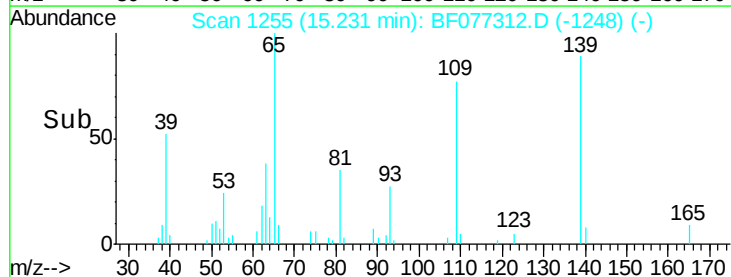
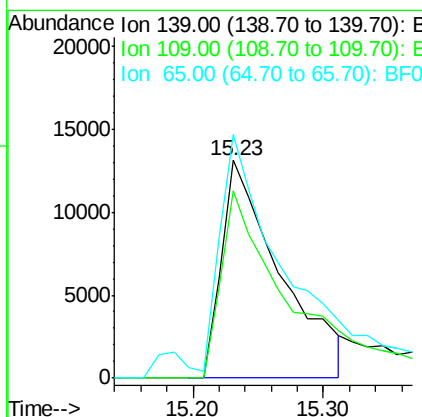
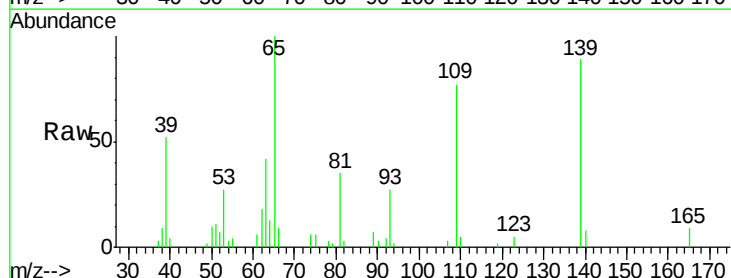
Instrument :
BNA_F
ClientSampleId :
PB81735BS

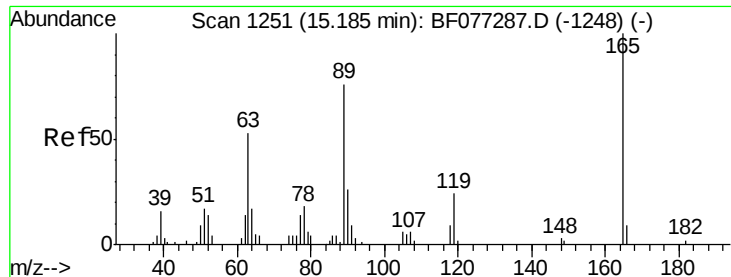
Tot Ion:168 Resp: 239407
Ion Ratio Lower Upper
168 100
139 41.8 35.6 53.4
169 13.0 10.9 16.3



#55
4-Nitrophenol
Concen: 76.57 ng
RT: 15.23 min Scan# 1255
Delta R.T. -0.02 min
Lab File: BF077312.D
Acq: 13 Feb 2015 17:24

Tgt Ion:139 Resp: 40994
Ion Ratio Lower Upper
139 100
109 86.1 62.7 102.7
65 111.8 93.5 133.5

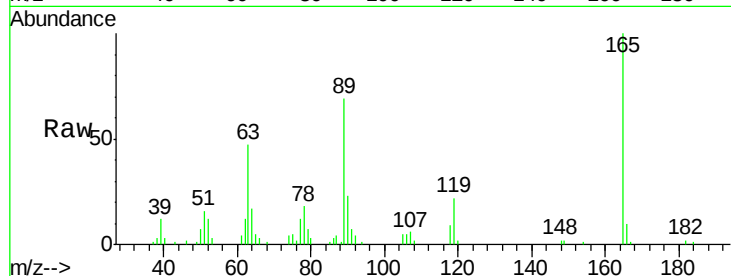




#56
2,4-Dinitrotoluene
Concen: 44.09 ng
RT: 15.19 min Scan# 1251
Delta R.T. 0.00 min
Lab File: BF077312.D
Acq: 13 Feb 2015 17:24

Instrument :
BNA_F
ClientSampleId :
PB81735BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	47.5	42.4	63.6
89	69.2	61.1	91.7
182	1.9	1.9	2.9



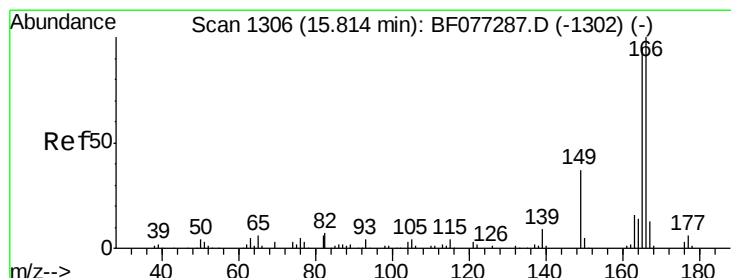
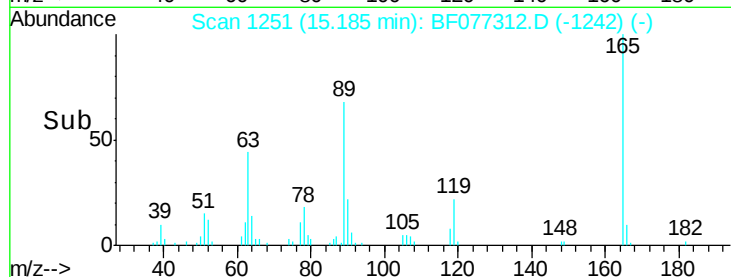
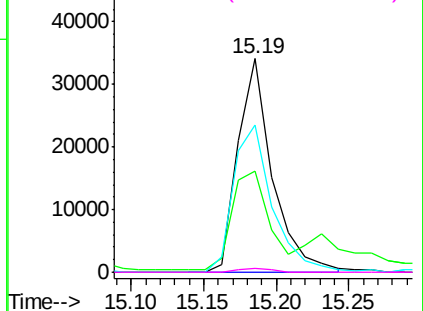
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

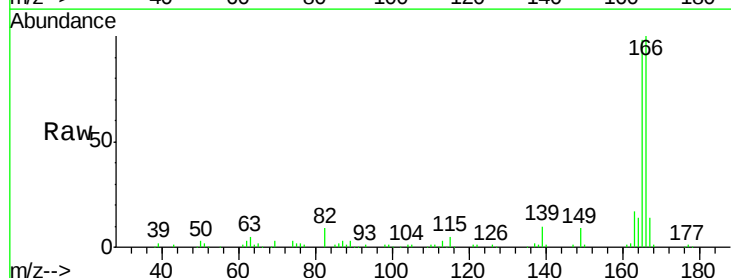
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: 43.23 ng
RT: 15.80 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF077312.D
Acq: 13 Feb 2015 17:24

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.8	75.9	113.9
167	14.1	10.2	15.4

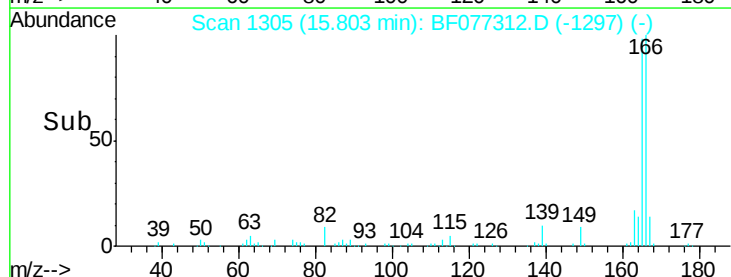
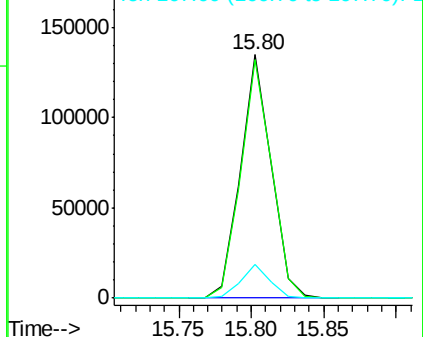


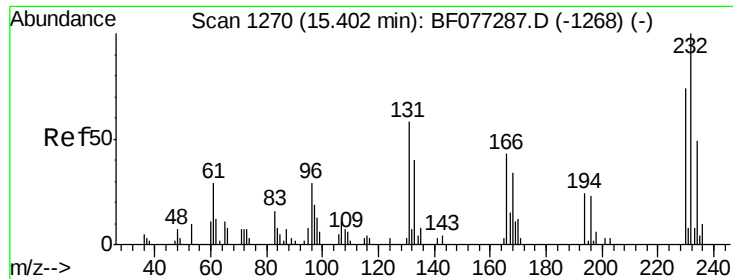
Abundance

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

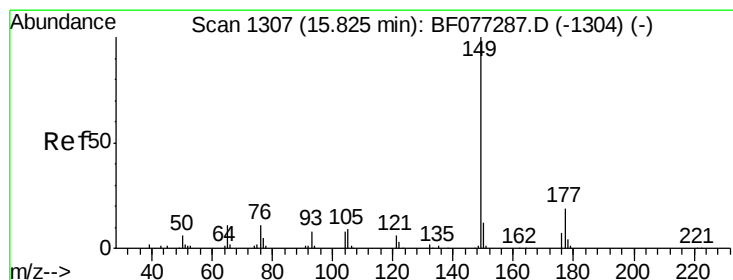
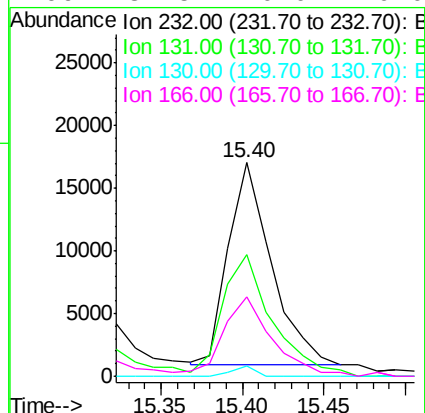
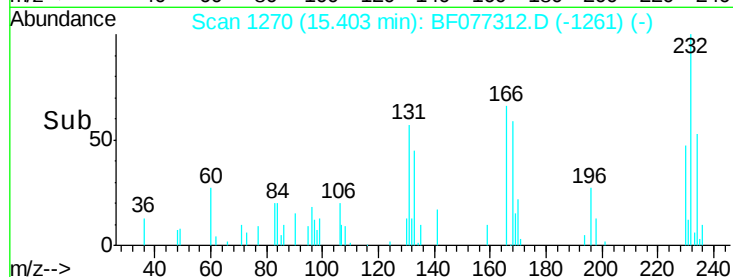
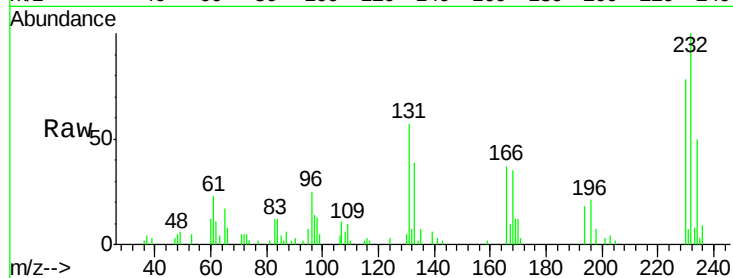




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 42.10 ng
 RT: 15.40 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: BF077312.D
 Acq: 13 Feb 2015 17:24

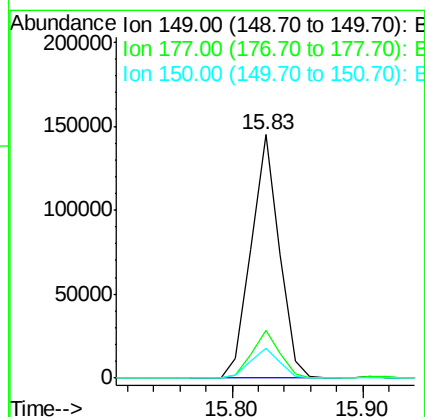
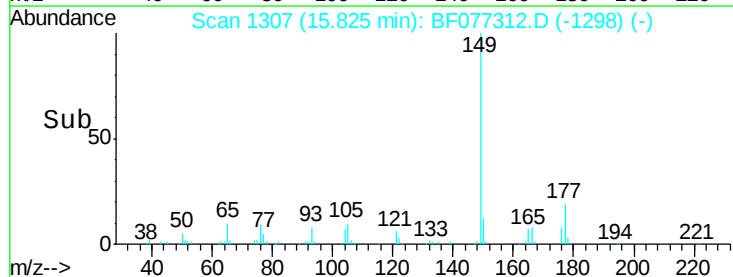
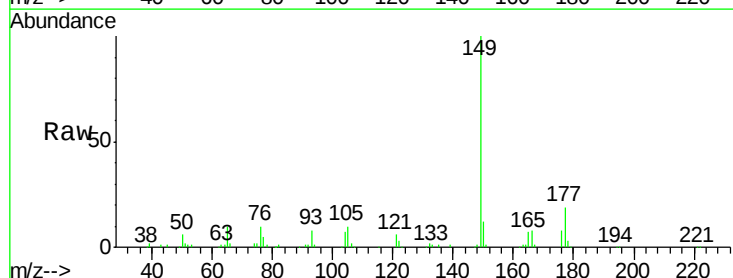
Instrument :
 BNA_F
 ClientSampled :
 PB81735BS

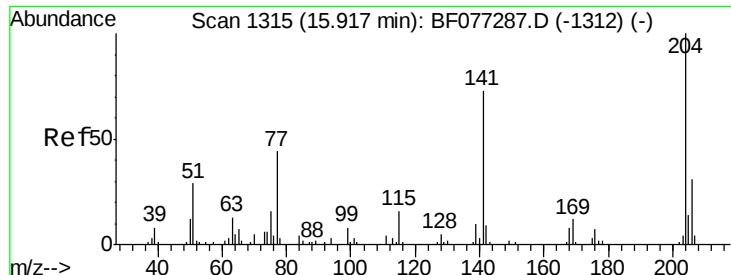
Tot Ion:232 Resp: 29636
 Ion Ratio Lower Upper
 232 100
 131 62.7 0.0 0.0#
 130 2.6 0.0 0.0#
 166 37.5 0.0 0.0#



#59
 Diethylphthalate
 Concen: 45.08 ng
 RT: 15.83 min Scan# 1307
 Delta R.T. 0.00 min
 Lab File: BF077312.D
 Acq: 13 Feb 2015 17:24

Tgt Ion:149 Resp: 218340
 Ion Ratio Lower Upper
 149 100
 177 19.5 15.0 22.4
 150 12.0 9.4 14.2

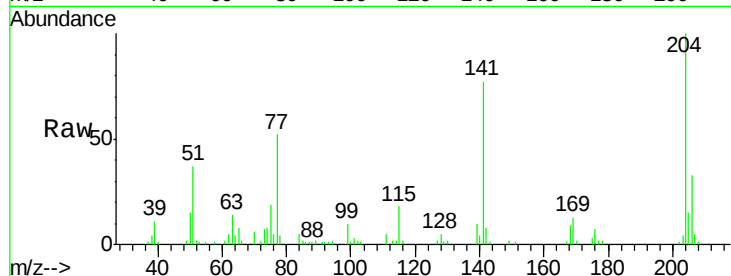




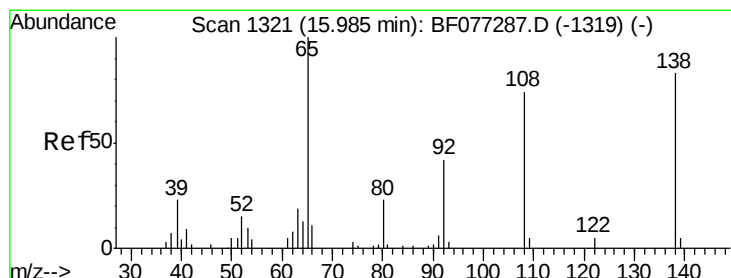
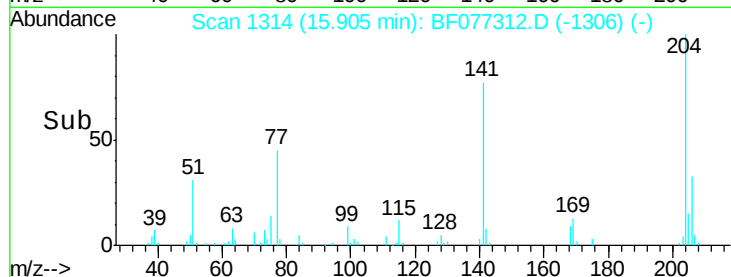
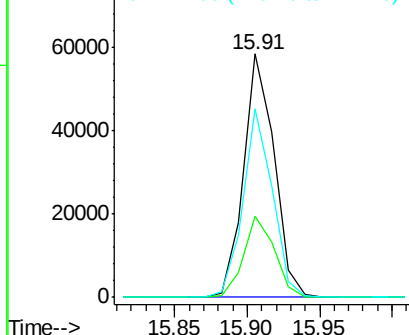
#60
4-Chlorophenyl-phenylether
Concen: 44.84 ng
RT: 15.91 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BF077312.D
Acq: 13 Feb 2015 17:24

Instrument :
BNA_F
ClientSampleId :
PB81735BS

Tot Ion:204 Resp: 85358
Ion Ratio Lower Upper
204 100
206 33.2 25.0 37.6
141 77.4 58.6 87.8

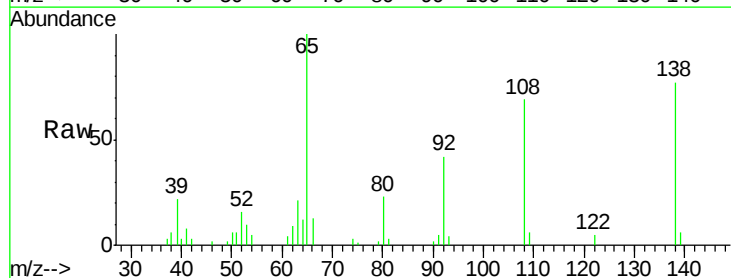


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

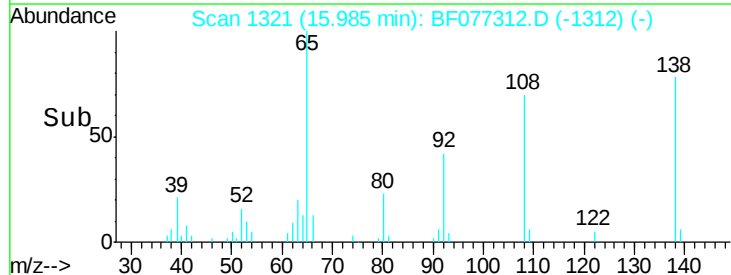
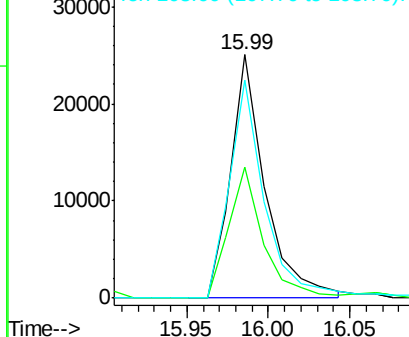


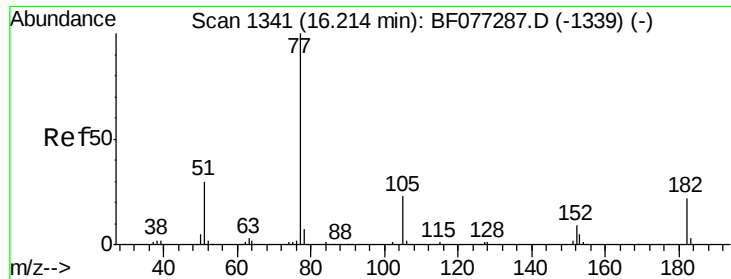
#61
4-Nitroaniline
Concen: 35.71 ng
RT: 15.99 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BF077312.D
Acq: 13 Feb 2015 17:24

Tgt Ion:138 Resp: 36687
Ion Ratio Lower Upper
138 100
92 54.0 30.7 70.7
108 89.5 69.7 109.7



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: 43.62 ng/mL

RT: 16.21 min Scan# 1341

Delta R.T. 0.00 min

Lab File: BF077312.D

Acq: 13 Feb 2015 17:24

Instrument :

BNA_F

ClientSampleId :

PB81735BS

Tot Ion: 77 Resp: 201501

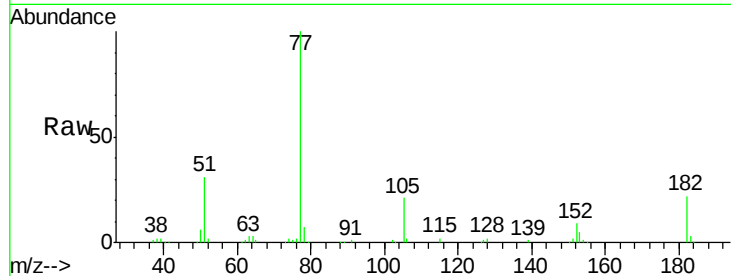
Ion Ratio Lower Upper

77 100

182 22.5 0.9 40.9

105 21.3 2.2 42.2

51 30.7 12.0 52.0

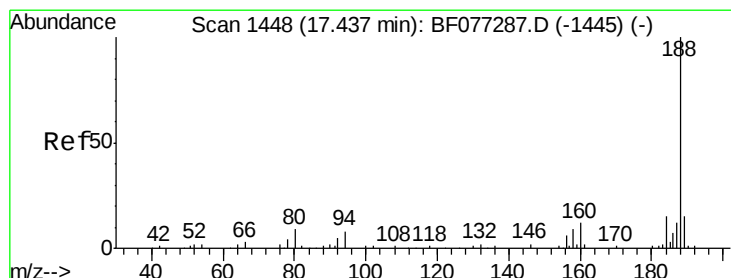
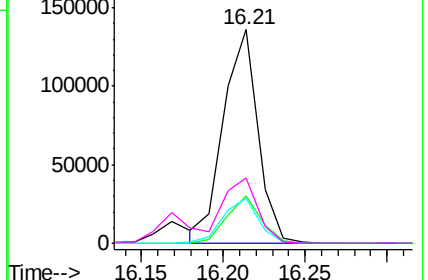
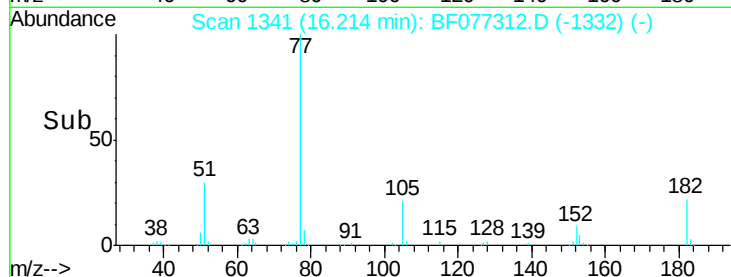


Abundance Ion 77.00 (76.70 to 77.70): BF0

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/mL

RT: 17.44 min Scan# 1448

Delta R.T. 0.00 min

Lab File: BF077312.D

Acq: 13 Feb 2015 17:24

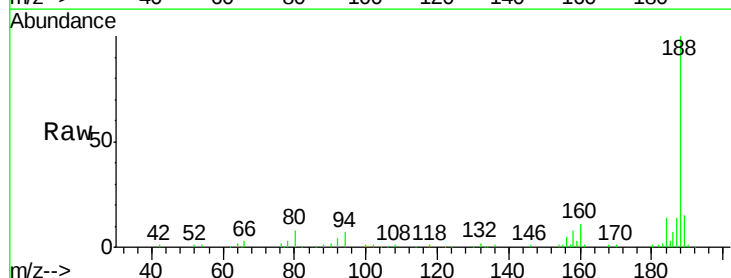
Tgt Ion: 188 Resp: 117609

Ion Ratio Lower Upper

188 100

94 6.7 6.5 9.7

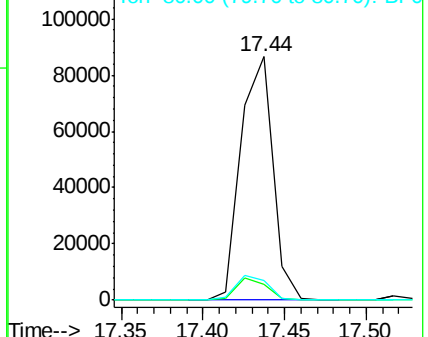
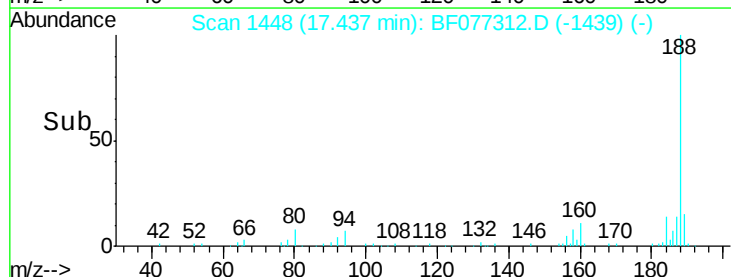
80 7.8 7.1 10.7

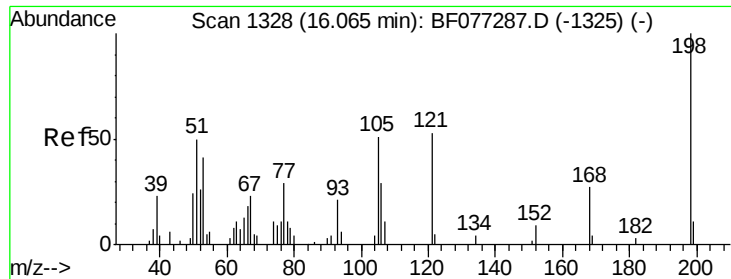


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 36.71 ng

RT: 16.07 min Scan# 1328

Delta R.T. 0.00 min

Lab File: BF077312.D

Acq: 13 Feb 2015 17:24

Instrument :

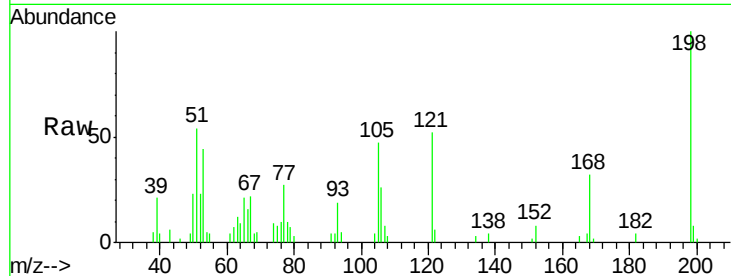
BNA_F

ClientSampleId :

PB81735BS

Tot Ion:198 Resp: 23729

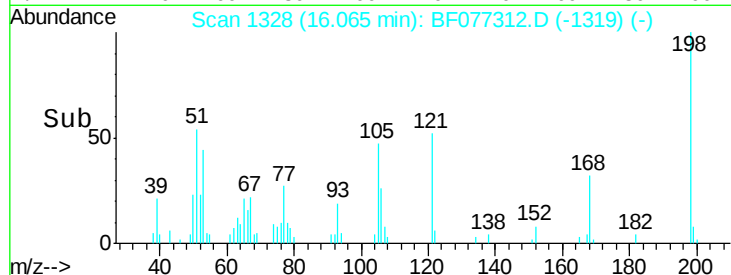
Ion	Ratio	Lower	Upper
198	100		
51	54.5	33.8	73.8
105	47.4	30.9	70.9



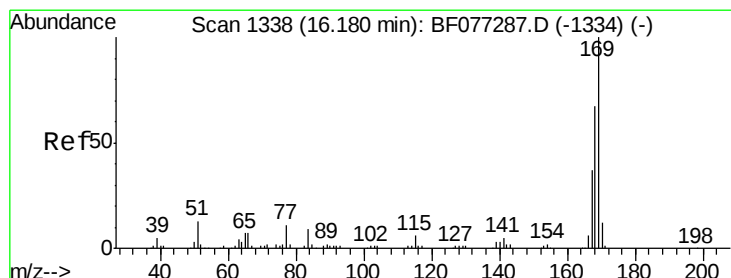
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



Time-->



#65

n-Nitrosodiphenylamine

Concen: 39.63 ng

RT: 16.17 min Scan# 1337

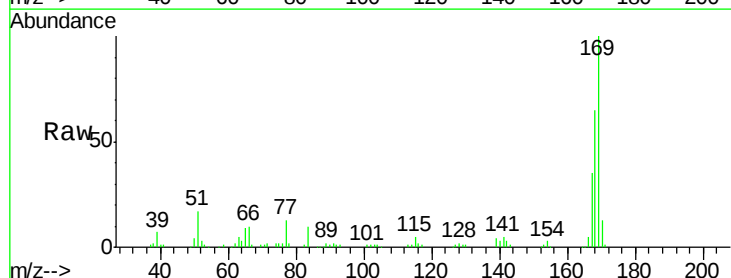
Delta R.T. -0.01 min

Lab File: BF077312.D

Acq: 13 Feb 2015 17:24

Tgt Ion:169 Resp: 166244

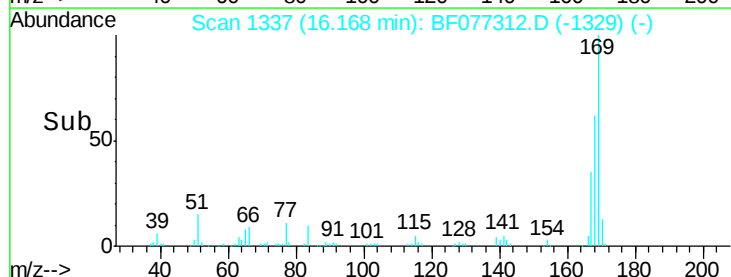
Ion	Ratio	Lower	Upper
169	100		
168	64.9	53.9	80.9
167	35.4	29.6	44.4



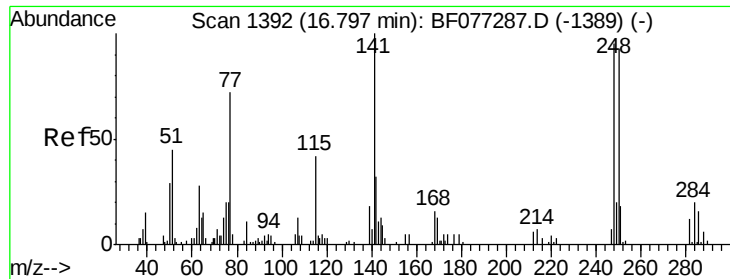
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



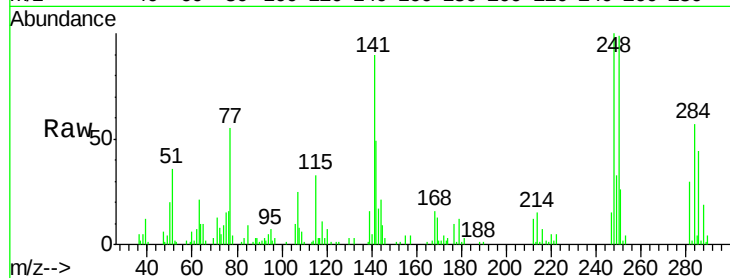
Time-->



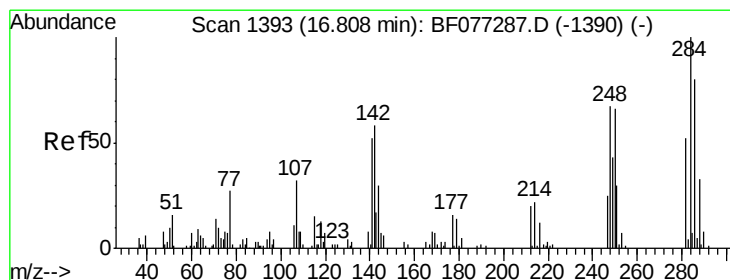
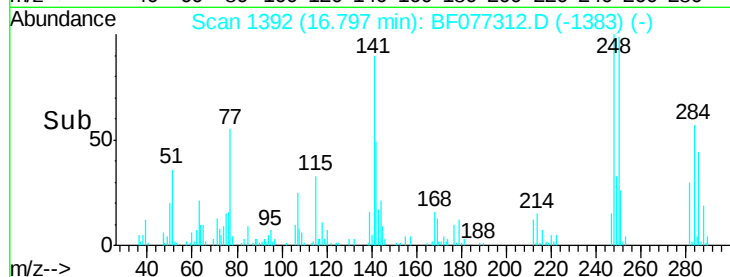
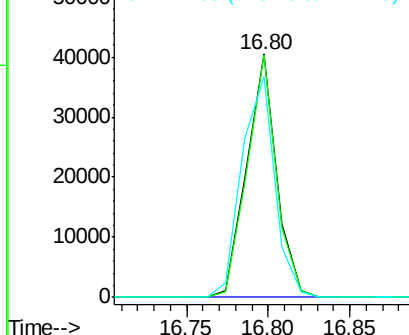
#66
4-Bromophenyl-phenylether
Concen: 41.84 ng
RT: 16.80 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BF077312.D
Acq: 13 Feb 2015 17:24

Instrument :
BNA_F
ClientSampled :
PB81735BS

Tot Ion:248 Resp: 51419
Ion Ratio Lower Upper
248 100
250 99.3 77.8 116.8
141 90.5 83.8 125.6

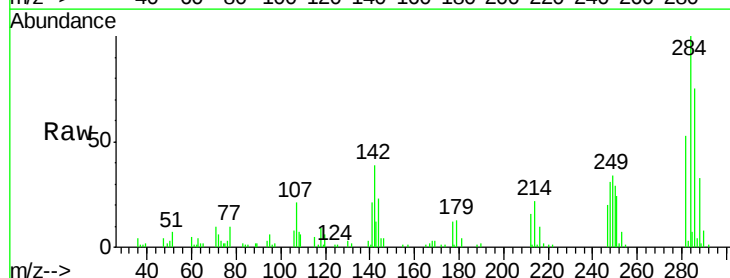


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

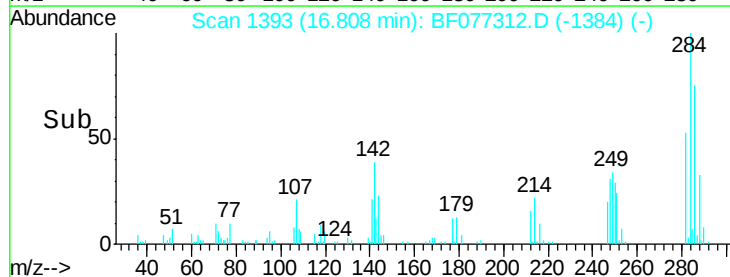
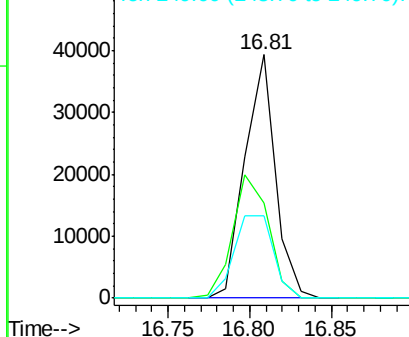


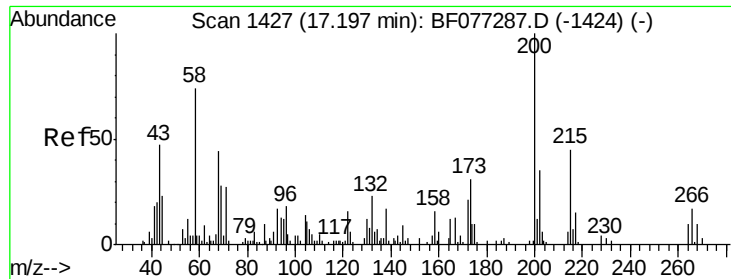
#67
Hexachlorobenzene
Concen: 40.77 ng
RT: 16.81 min Scan# 1393
Delta R.T. 0.00 min
Lab File: BF077312.D
Acq: 13 Feb 2015 17:24

Tgt Ion:284 Resp: 51027
Ion Ratio Lower Upper
284 100
142 38.9 46.2 69.4#
249 33.7 34.5 51.7#



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: 42.80 ng

RT: 17.20 min Scan# 1427

Delta R.T. 0.00 min

Lab File: BF077312.D

Acq: 13 Feb 2015 17:24

Instrument :

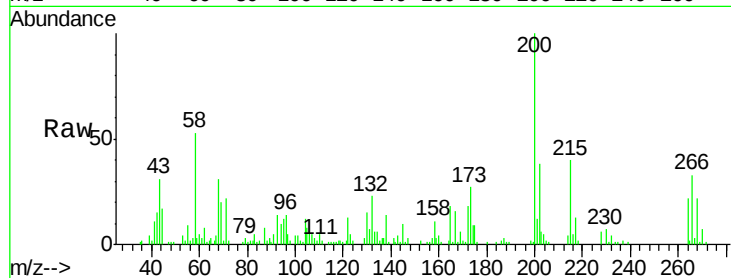
BNA_F

ClientSampleId :

PB81735BS

Tot Ion:200 Resp: 56870

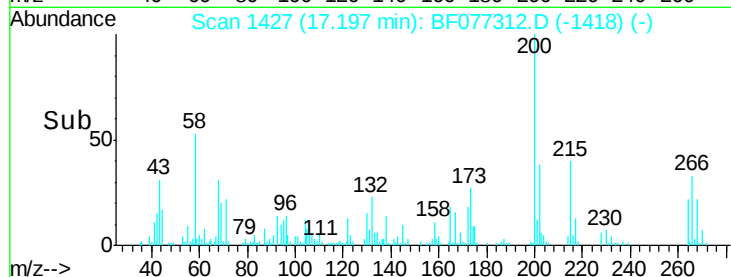
Ion	Ratio	Lower	Upper
200	100		
173	26.7	11.3	51.3
215	40.2	25.3	65.3



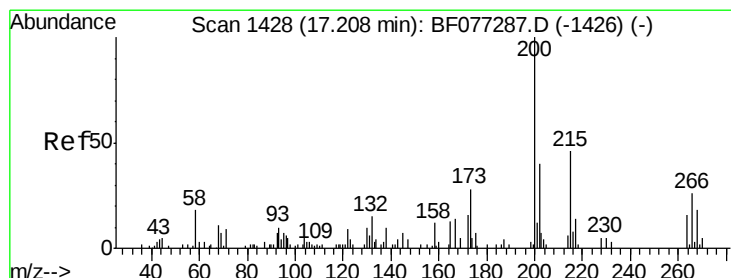
Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



Time--> 17.10 17.15 17.20 17.25



#69

Pentachlorophenol

Concen: 70.53 ng

RT: 17.20 min Scan# 1427

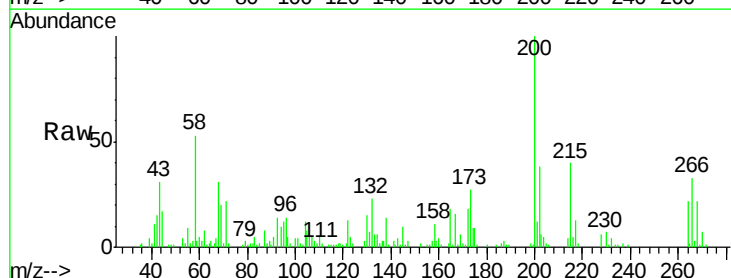
Delta R.T. -0.01 min

Lab File: BF077312.D

Acq: 13 Feb 2015 17:24

Tgt Ion:266 Resp: 26943

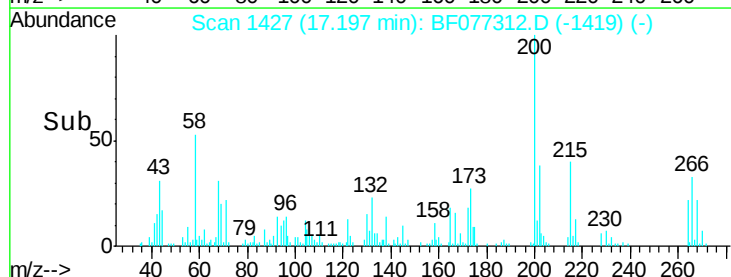
Ion	Ratio	Lower	Upper
266	100		
268	67.0	55.0	82.6
264	68.0	49.5	74.3



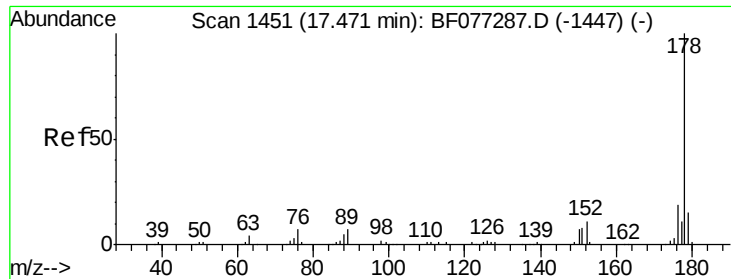
Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



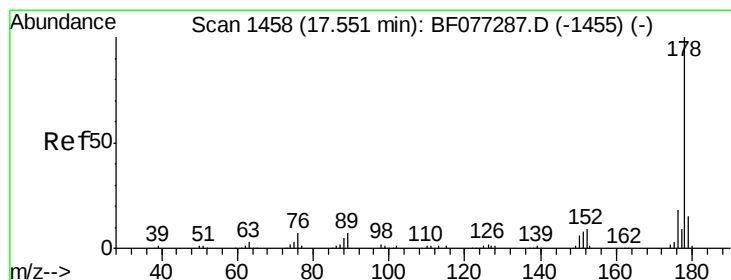
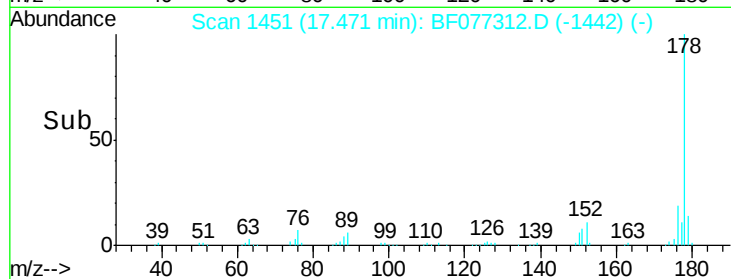
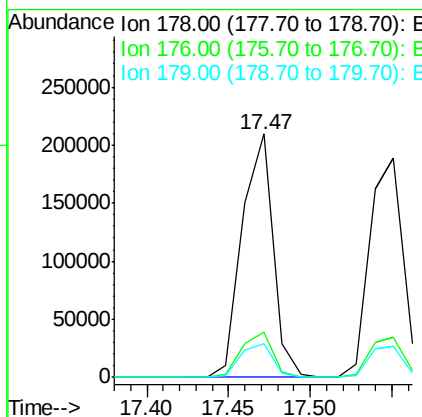
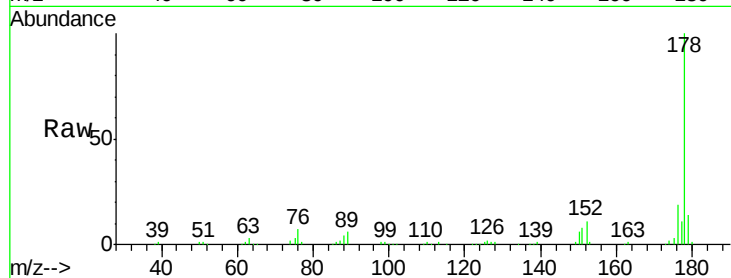
Time--> 17.15 17.20 17.25



#70
Phenanthrene
Concen: 38.92 ng
RT: 17.47 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BF077312.D
Acq: 13 Feb 2015 17:24

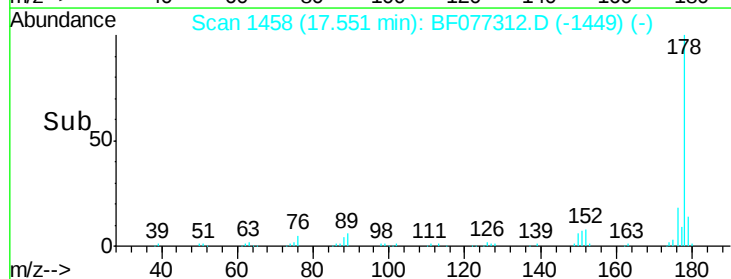
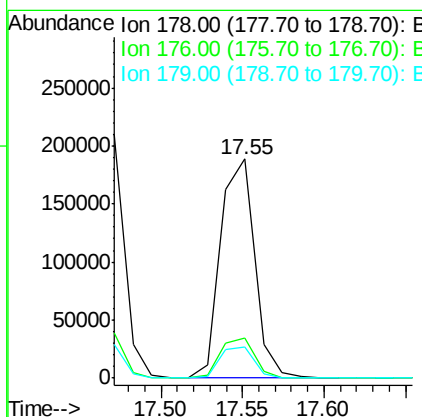
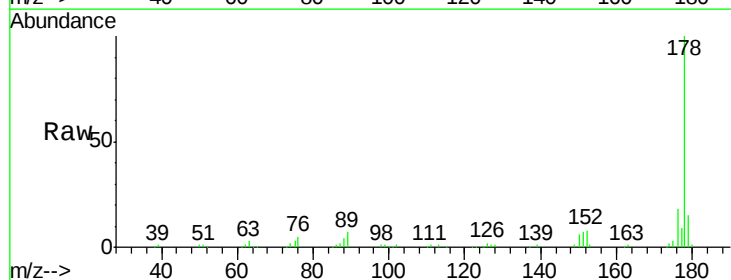
Instrument :
BNA_F
ClientSampleId :
PB81735BS

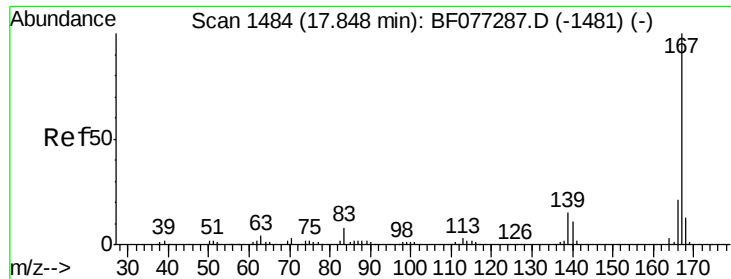
Tot Ion:178 Resp: 276079
Ion Ratio Lower Upper
178 100
176 18.7 15.2 22.8
179 14.1 12.1 18.1



#71
Anthracene
Concen: 38.36 ng
RT: 17.55 min Scan# 1458
Delta R.T. 0.00 min
Lab File: BF077312.D
Acq: 13 Feb 2015 17:24

Tgt Ion:178 Resp: 272972
Ion Ratio Lower Upper
178 100
176 18.2 14.6 22.0
179 14.5 12.1 18.1





#72

Carbazole

Concen: 37.94 ng

RT: 17.85 min Scan# 1484

Delta R.T. 0.00 min

Lab File: BF077312.D

Acq: 13 Feb 2015 17:24

Instrument :

BNA_F

ClientSampleId :

PB81735BS

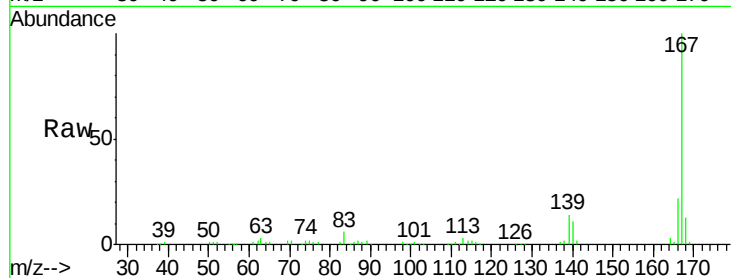
Tot Ion:167 Resp: 257900

Ion Ratio Lower Upper

167 100

166 21.8 17.0 25.6

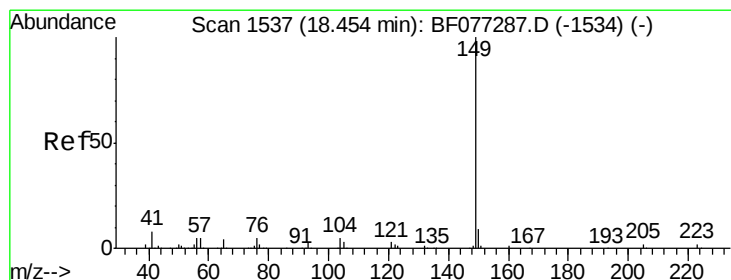
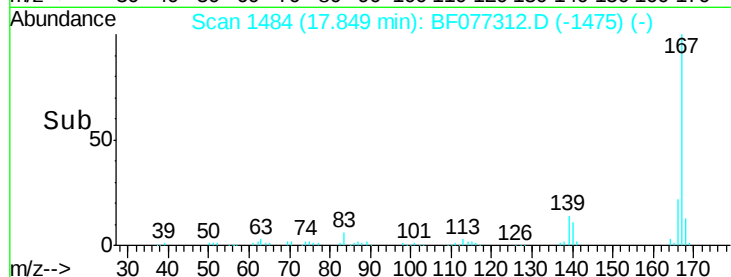
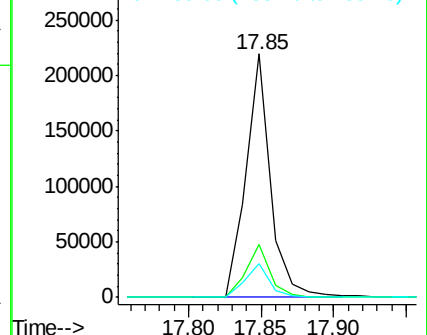
139 13.9 11.7 17.5



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 42.75 ng

RT: 18.45 min Scan# 1537

Delta R.T. 0.00 min

Lab File: BF077312.D

Acq: 13 Feb 2015 17:24

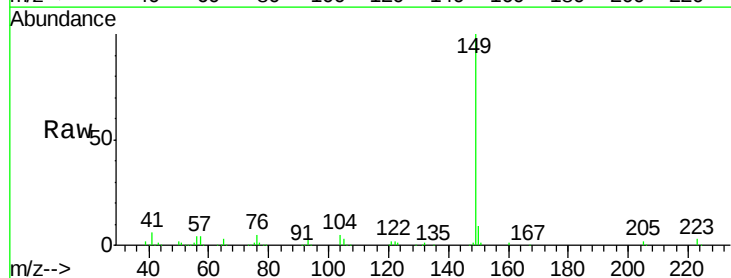
Tgt Ion:149 Resp: 369863

Ion Ratio Lower Upper

149 100

150 8.8 7.4 11.2

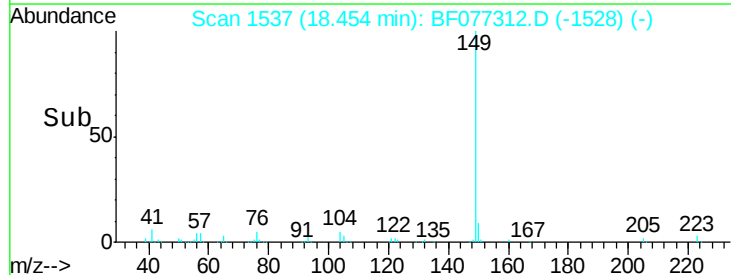
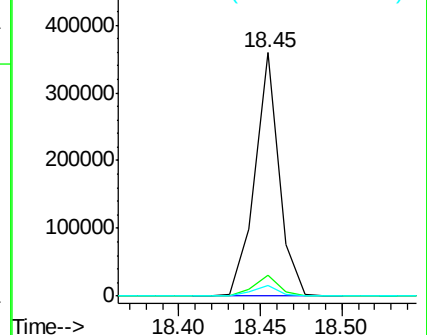
104 4.6 4.2 6.2

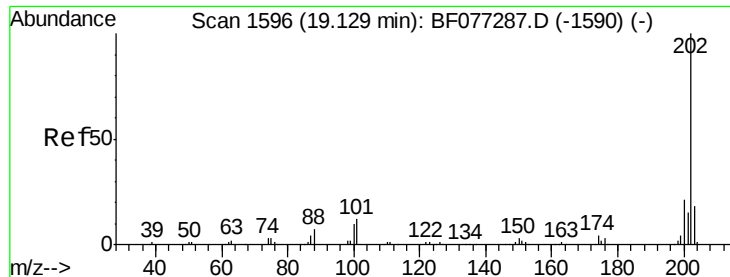


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

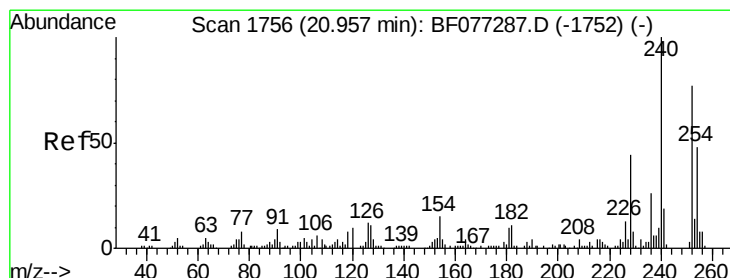
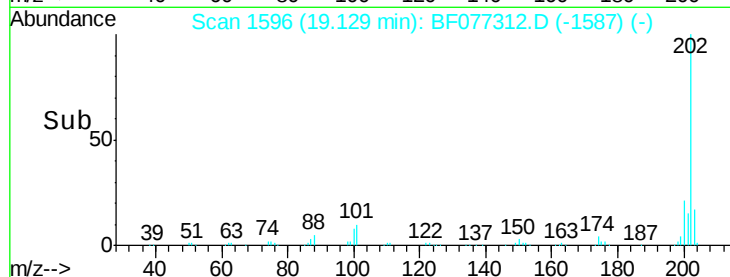
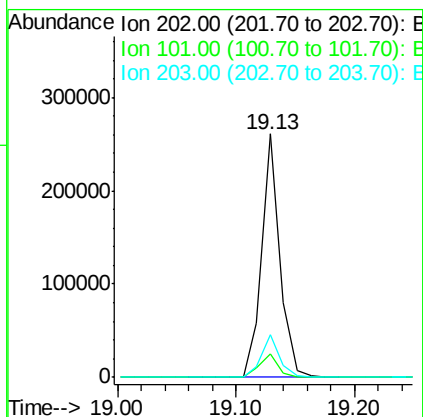
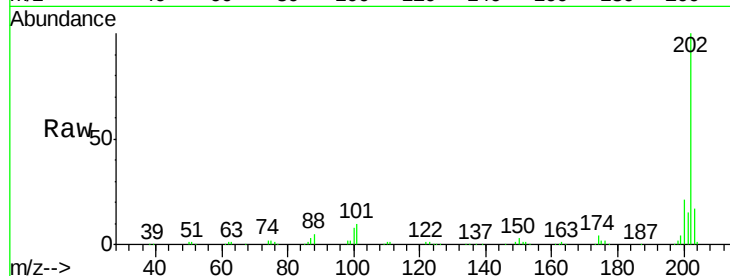




#74
 Fluoranthene
 Concen: 38.59 ng
 RT: 19.13 min Scan# 1596
 Delta R.T. 0.00 min
 Lab File: BF077312.D
 Acq: 13 Feb 2015 17:24

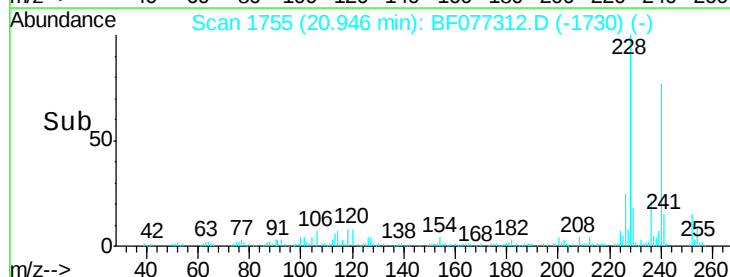
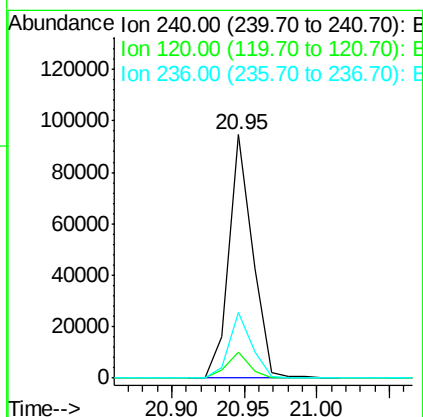
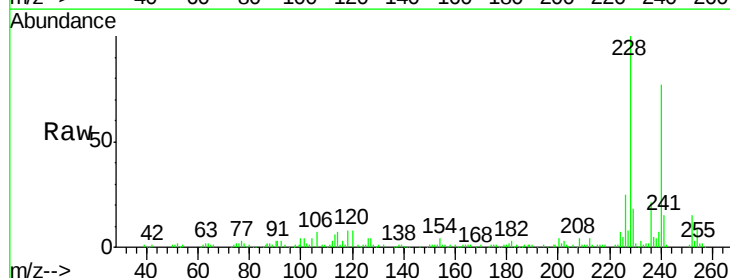
Instrument :
 BNA_F
 ClientSampleId :
 PB81735BS

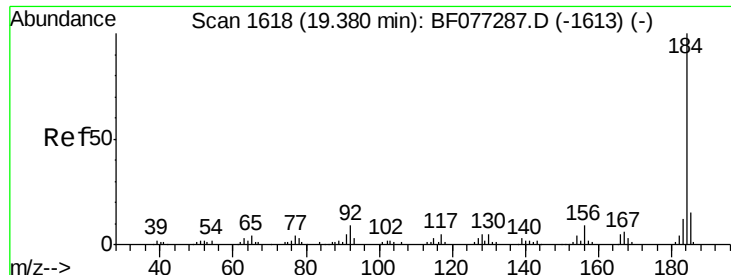
Tot Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	32.4
203	17.5	0.0	37.8



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 20.95 min Scan# 1755
 Delta R.T. -0.01 min
 Lab File: BF077312.D
 Acq: 13 Feb 2015 17:24

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.9	7.8	11.8
236	26.9	20.4	30.6

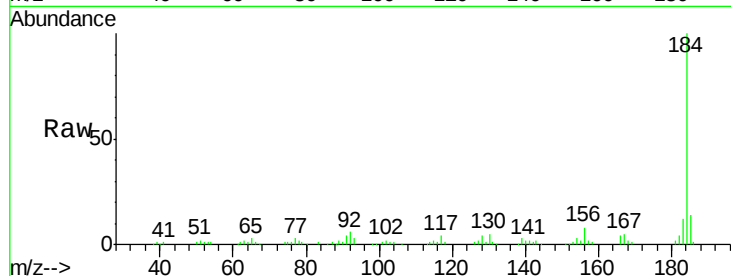




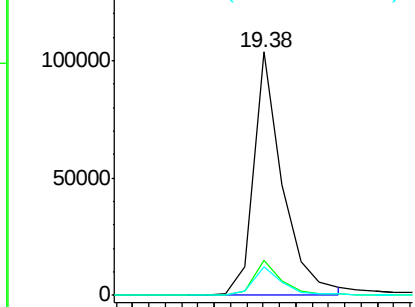
#76
Benzidine
Concen: 29.46 ng
RT: 19.38 min Scan# 1618
Delta R.T. 0.00 min
Lab File: BF077312.D
Acq: 13 Feb 2015 17:24

Instrument :
BNA_F
ClientSampleId :
PB81735BS

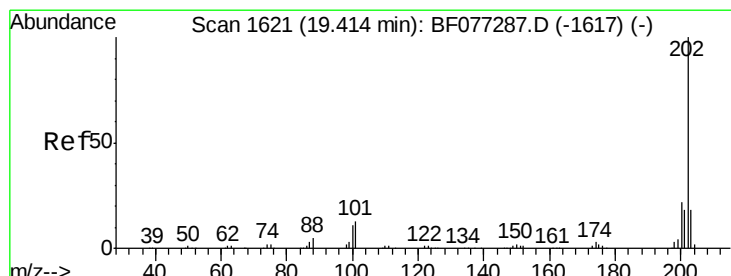
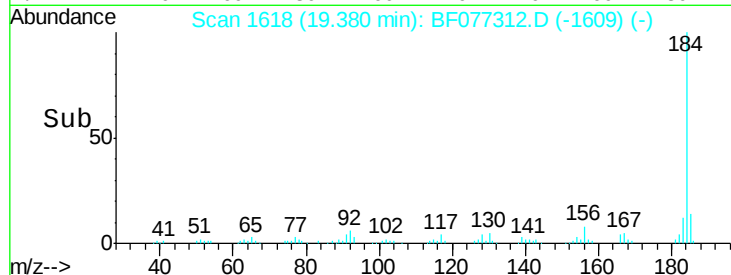
Tot Ion:184 Resp: 128139
Ion Ratio Lower Upper
184 100
185 14.2 11.8 17.6
183 11.9 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

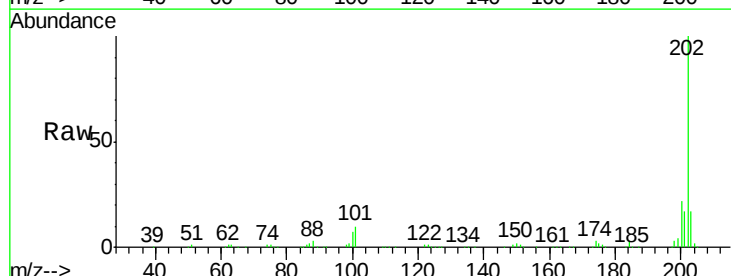


Time--> 19.30 19.35 19.40 19.45

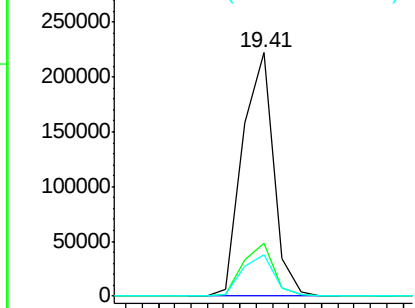


#77
Pyrene
Concen: 40.83 ng
RT: 19.41 min Scan# 1621
Delta R.T. 0.00 min
Lab File: BF077312.D
Acq: 13 Feb 2015 17:24

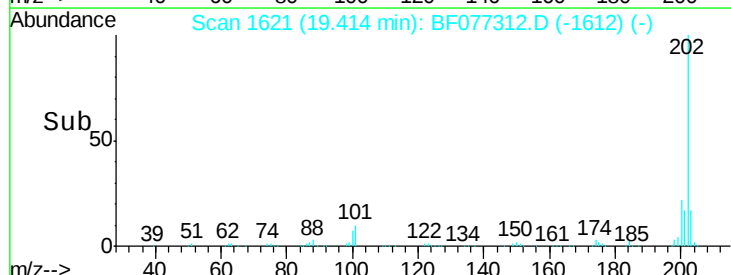
Tgt Ion:202 Resp: 292242
Ion Ratio Lower Upper
202 100
200 21.8 17.4 26.0
203 17.2 14.1 21.1

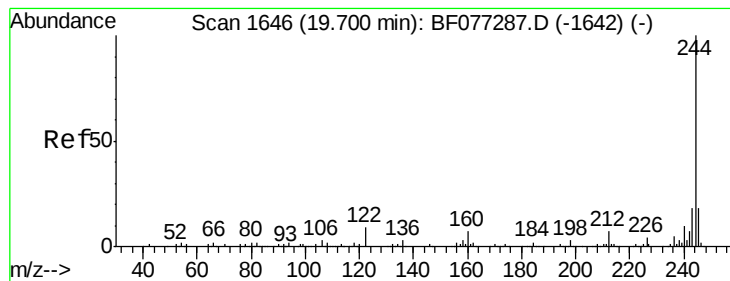


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



Time--> 19.35 19.40 19.45





#78

Terphenyl-d14

Concen: 85.42 ng

RT: 19.69 min Scan# 1645

Delta R.T. -0.01 min

Lab File: BF077312.D

Acq: 13 Feb 2015 17:24

Instrument :

BNA_F

ClientSampleId :

PB81735BS

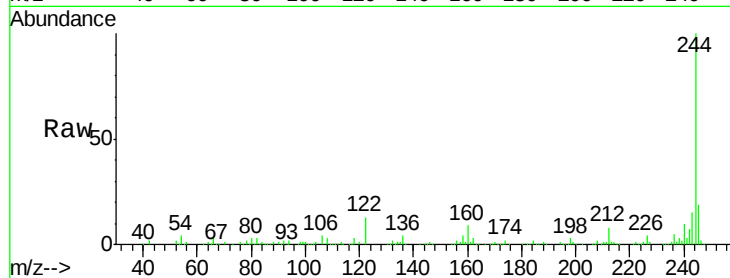
Tot Ion:244 Resp: 408142

Ion Ratio Lower Upper

244 100

212 7.7 5.6 8.4

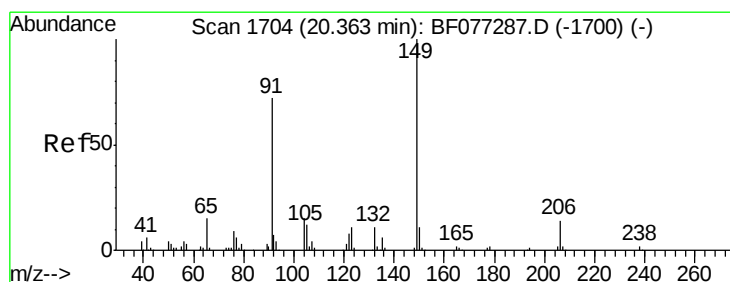
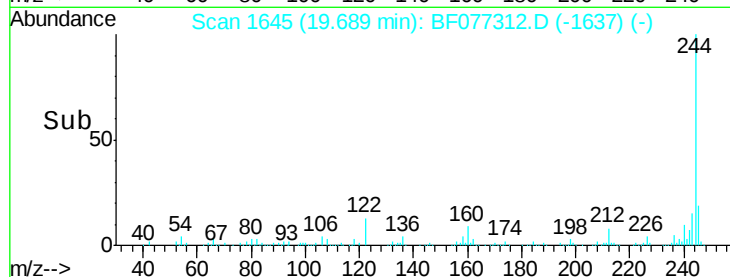
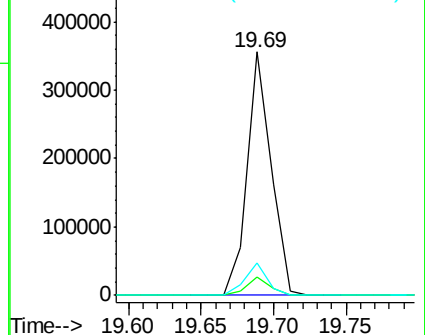
122 13.4 7.0 10.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 43.64 ng

RT: 20.36 min Scan# 1704

Delta R.T. 0.00 min

Lab File: BF077312.D

Acq: 13 Feb 2015 17:24

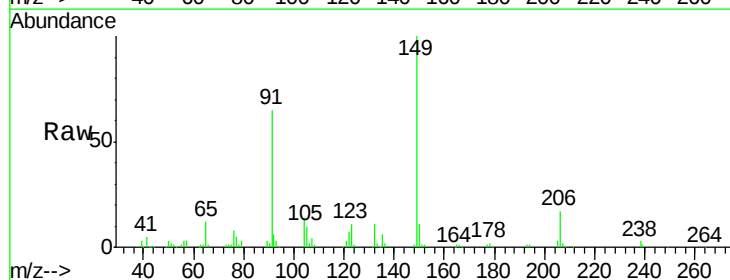
Tgt Ion:149 Resp: 158140

Ion Ratio Lower Upper

149 100

91 65.0 57.3 85.9

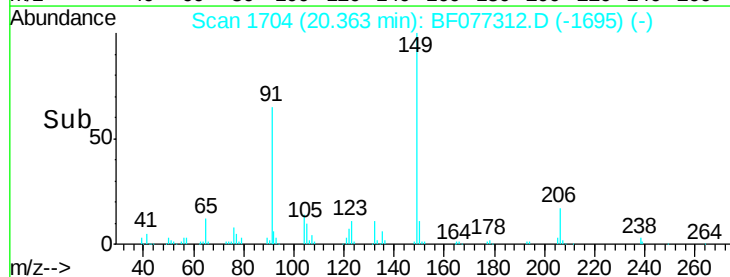
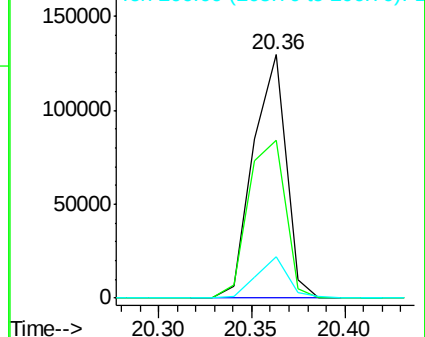
206 16.8 11.6 17.4

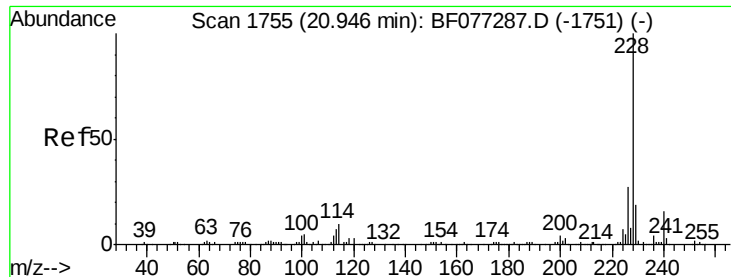


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

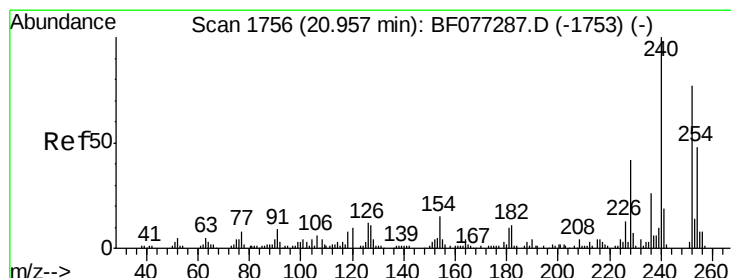
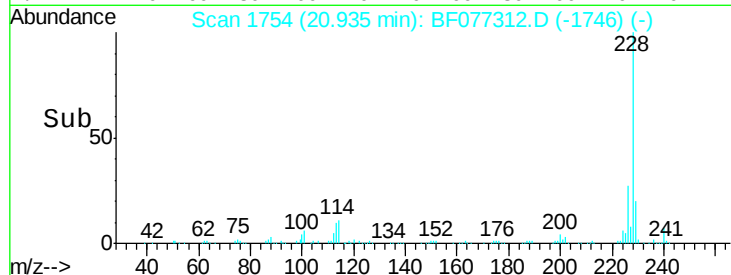
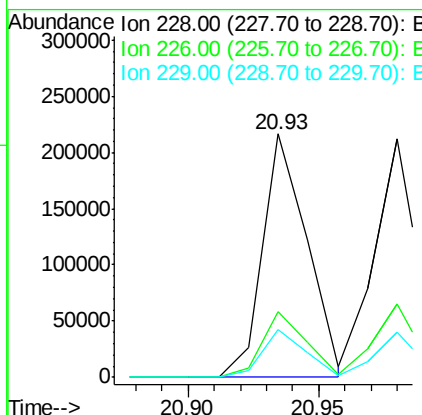
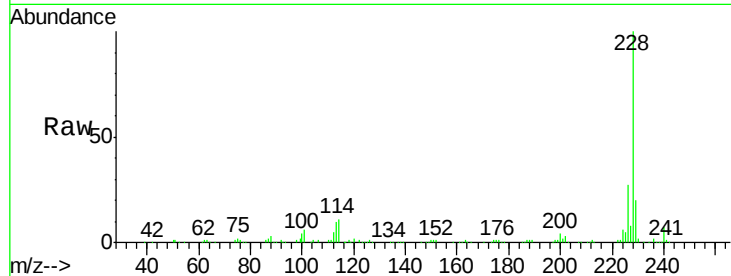




#80
Benzo(a)anthracene
Concen: 38.95 ng
RT: 20.93 min Scan# 1754
Delta R.T. -0.01 min
Lab File: BF077312.D
Acq: 13 Feb 2015 17:24

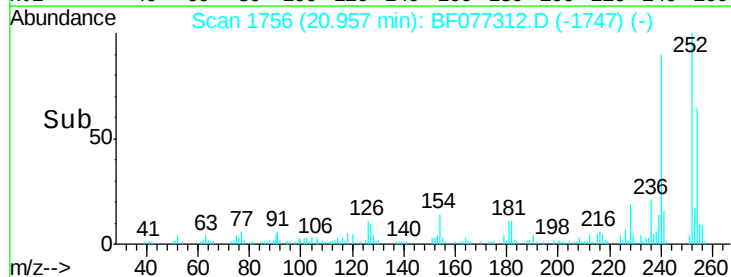
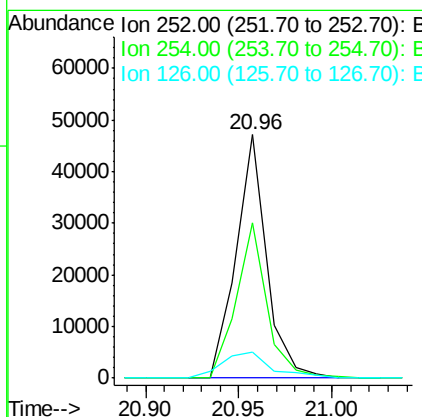
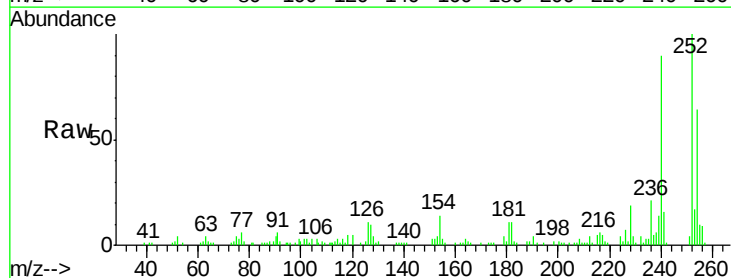
Instrument :
BNA_F
ClientSampleId :
PB81735BS

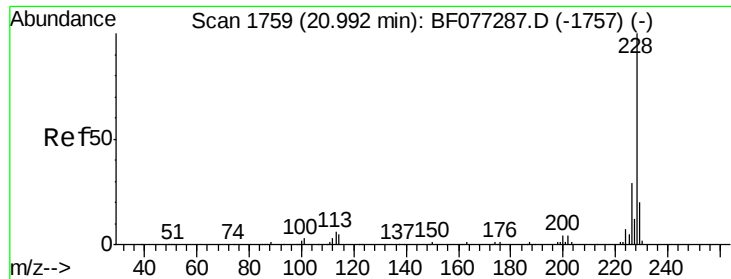
Tot Ion:228 Resp: 257281
Ion Ratio Lower Upper
228 100
226 27.2 21.4 32.2
229 19.5 15.5 23.3



#81
3,3'-Dichlorobenzidine
Concen: 23.32 ng
RT: 20.96 min Scan# 1756
Delta R.T. 0.00 min
Lab File: BF077312.D
Acq: 13 Feb 2015 17:24

Tgt Ion:252 Resp: 54014
Ion Ratio Lower Upper
252 100
254 63.6 49.5 74.3
126 10.7 12.6 19.0#





#82

Chrysene

Concen: 40.55 ng

RT: 20.98 min Scan# 1758

Delta R.T. -0.01 min

Lab File: BF077312.D

Acq: 13 Feb 2015 17:24

Instrument :

BNA_F

ClientSampleId :

PB81735BS

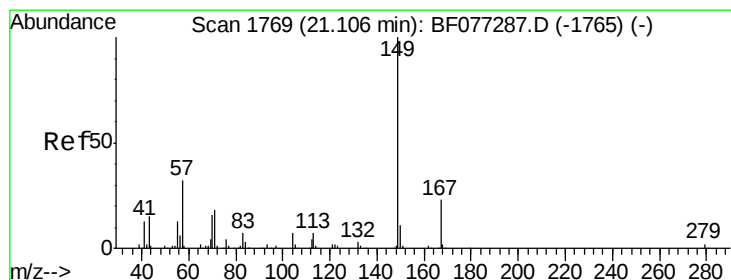
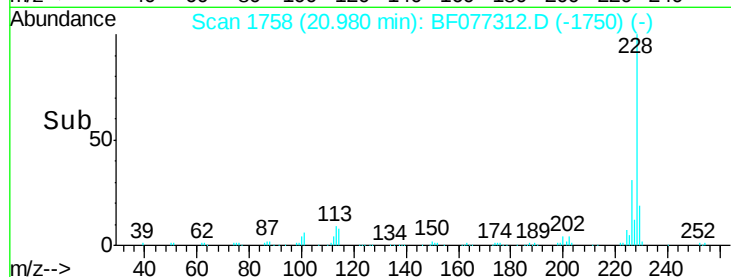
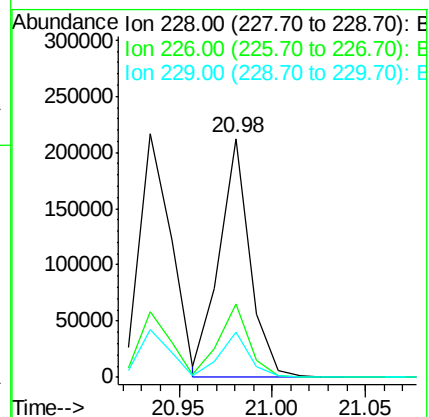
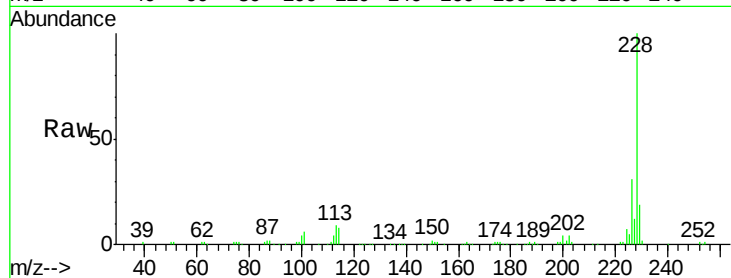
Tot Ion:228 Resp: 242693

Ion Ratio Lower Upper

228 100

226 30.8 24.3 36.5

229 19.1 15.8 23.8



#83

Bis(2-ethylhexyl)phthalate

Concen: 44.30 ng

RT: 21.09 min Scan# 1768

Delta R.T. -0.01 min

Lab File: BF077312.D

Acq: 13 Feb 2015 17:24

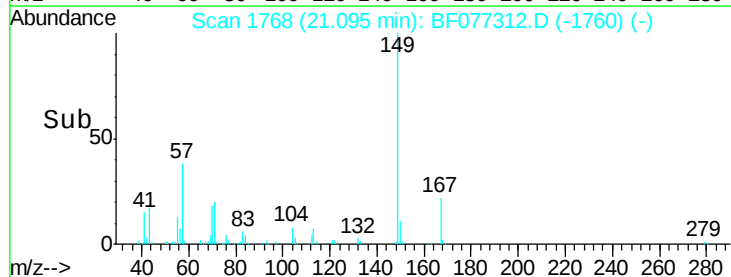
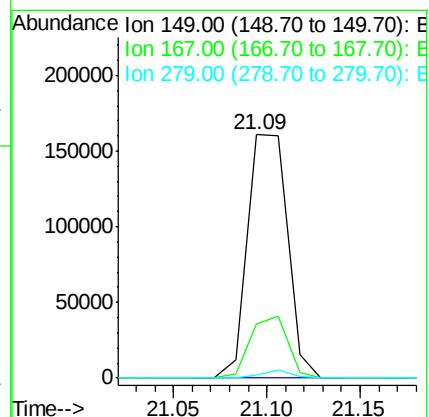
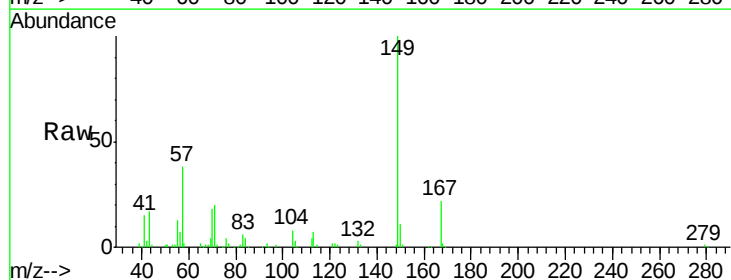
Tgt Ion:149 Resp: 238859

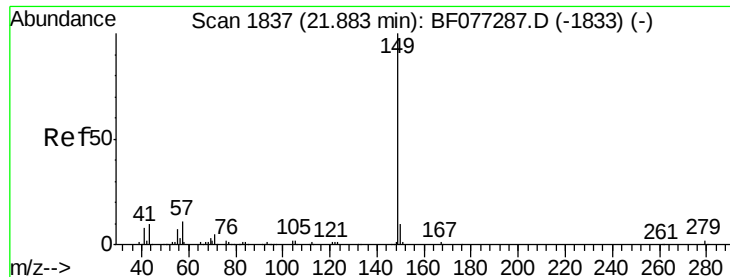
Ion Ratio Lower Upper

149 100

167 22.4 18.6 28.0

279 1.4 1.5 2.3#





#84

Di-n-octyl phthalate

Concen: 45.41 ng

RT: 21.86 min Scan# 1835

Delta R.T. -0.02 min

Lab File: BF077312.D

Acq: 13 Feb 2015 17:24

Instrument :

BNA_F

ClientSampleId :

PB81735BS

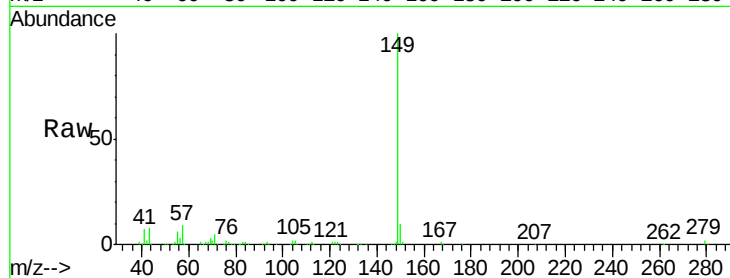
Tot Ion:149 Resp: 421140

Ion Ratio Lower Upper

149 100

167 1.3 1.1 1.7

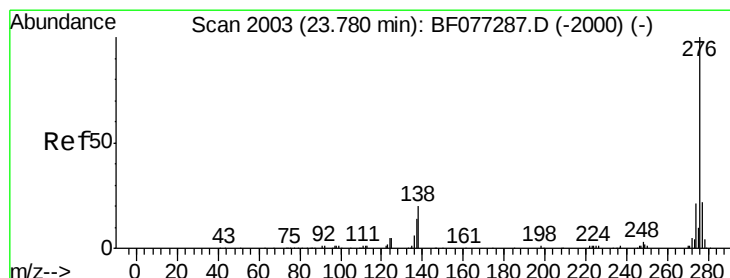
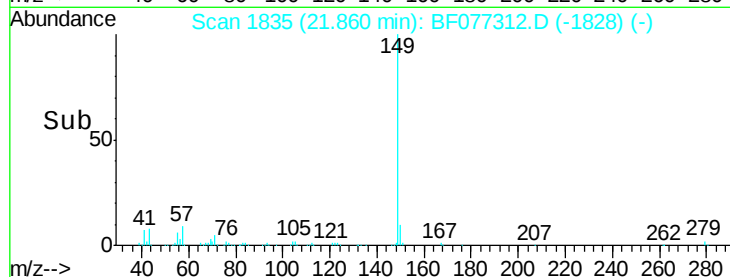
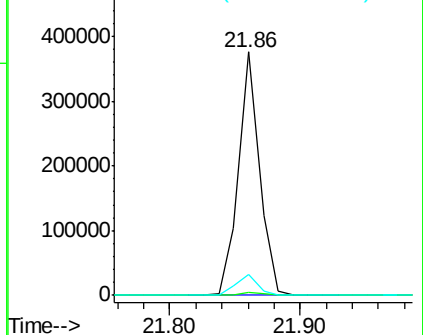
43 8.6 7.3 10.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 43.33 ng m

RT: 23.68 min Scan# 1994

Delta R.T. -0.10 min

Lab File: BF077312.D

Acq: 13 Feb 2015 17:24

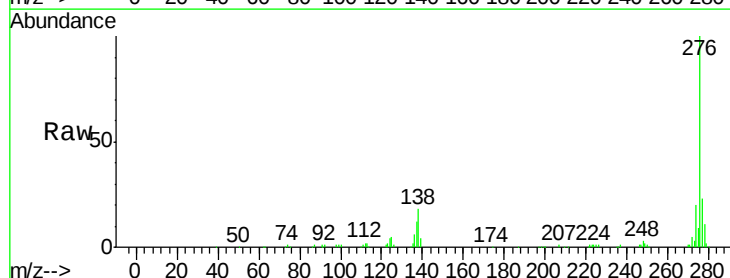
Tgt Ion:276 Resp: 252195

Ion Ratio Lower Upper

276 100

138 0.0 0.0 0.0

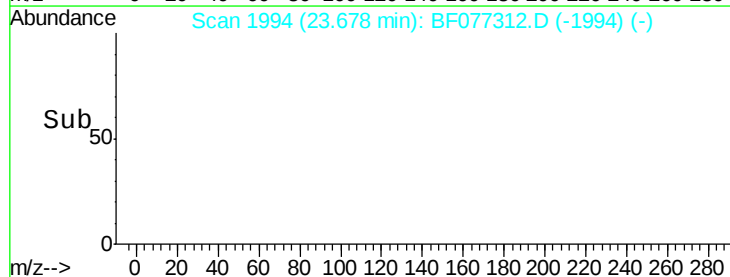
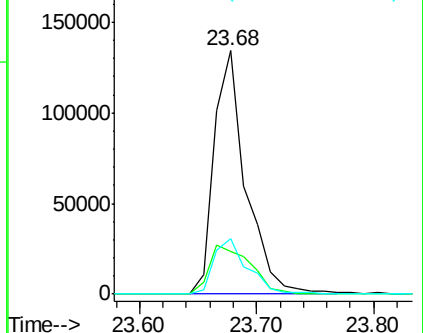
277 0.0 0.0 0.0

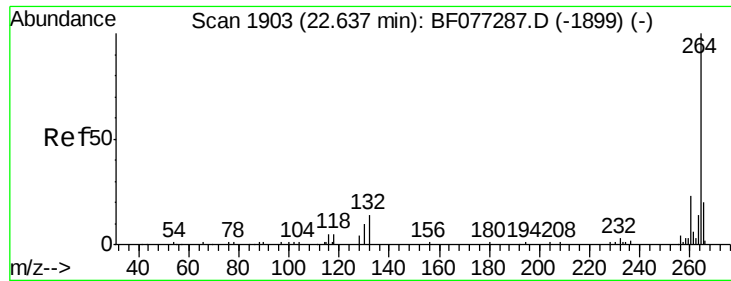


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

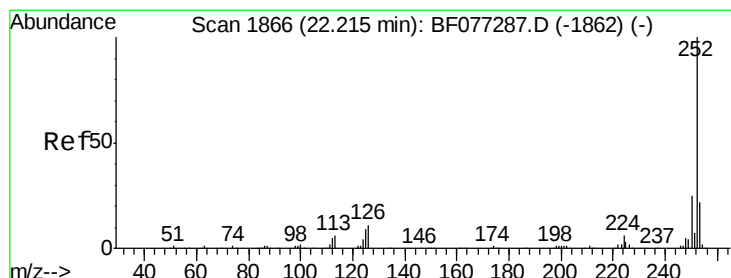
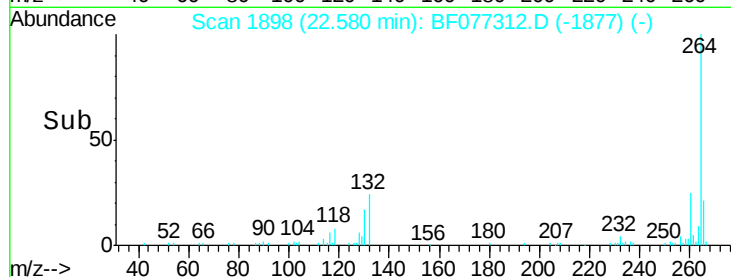
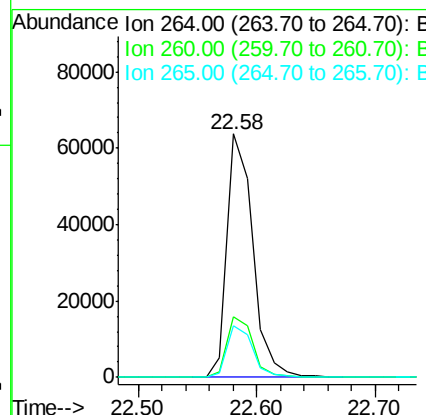
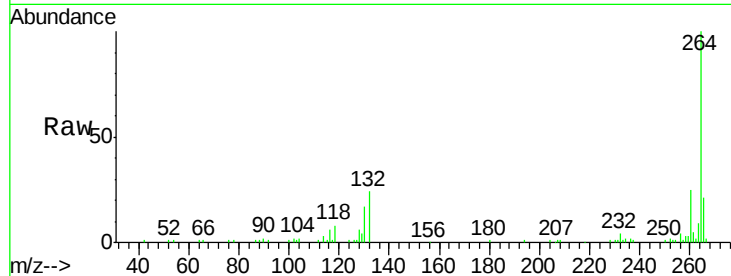




#86
Pervlene-d12
Concen: 20.00 ng
RT: 22.58 min Scan# 1898
Delta R.T. -0.06 min
Lab File: BF077312.D
Acq: 13 Feb 2015 17:24

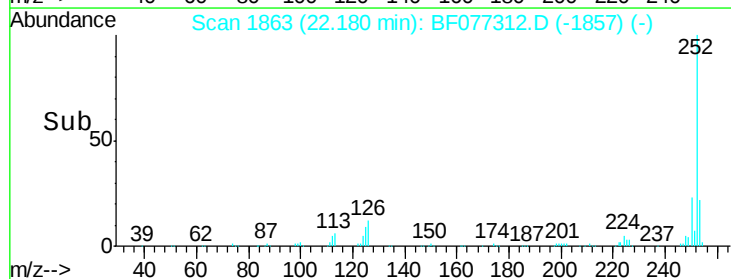
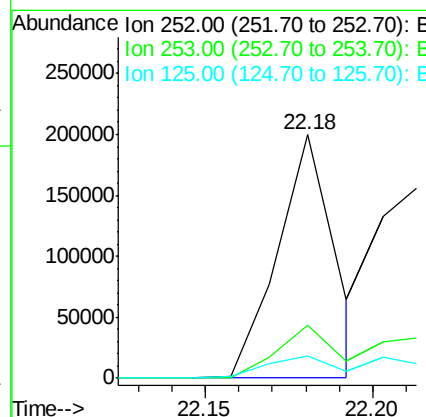
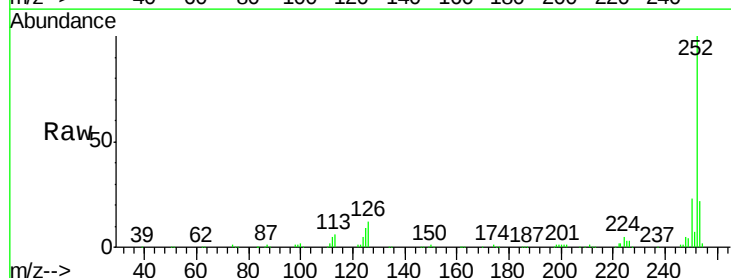
Instrument :
BNA_F
ClientSampleId :
PB81735BS

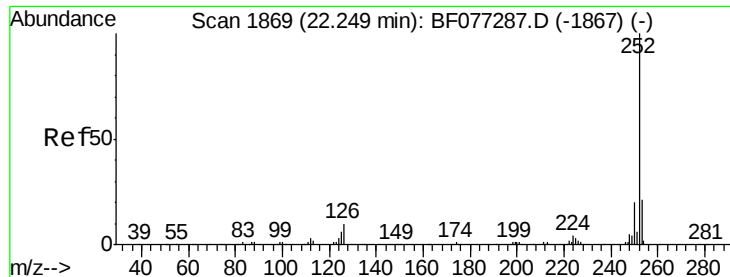
Tot Ion:264 Resp: 95996
Ion Ratio Lower Upper
264 100
260 24.9 18.6 27.8
265 21.3 16.2 24.2



#87
Benzo(b)fluoranthene
Concen: 34.31 ng m
RT: 22.18 min Scan# 1863
Delta R.T. -0.03 min
Lab File: BF077312.D
Acq: 13 Feb 2015 17:24

Tgt Ion:252 Resp: 234516
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 8.9 7.1 10.7





#88

Benzo(k)fluoranthene

Concen: 44.12 ng m

RT: 22.21 min Scan# 1866

Delta R.T. -0.03 min

Lab File: BF077312.D

Acq: 13 Feb 2015 17:24

Instrument :

BNA_F

ClientSampleId :

PB81735BS

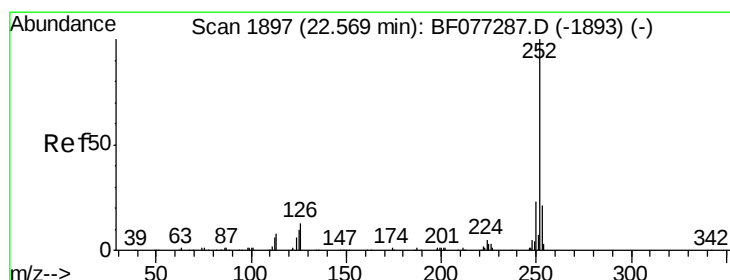
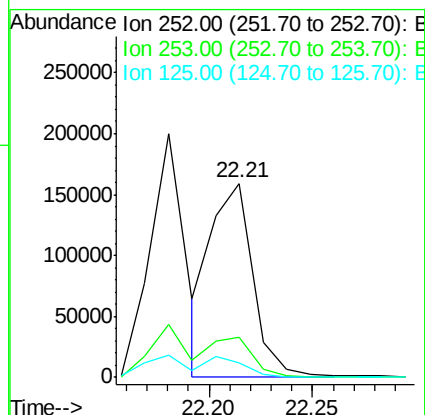
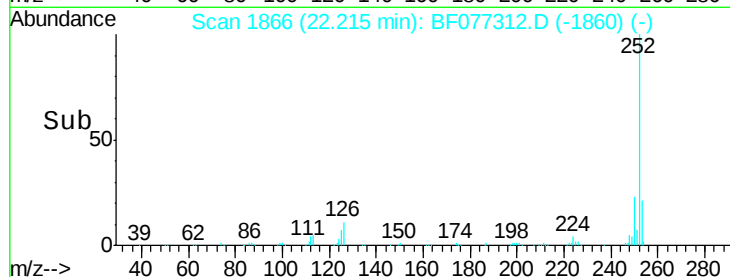
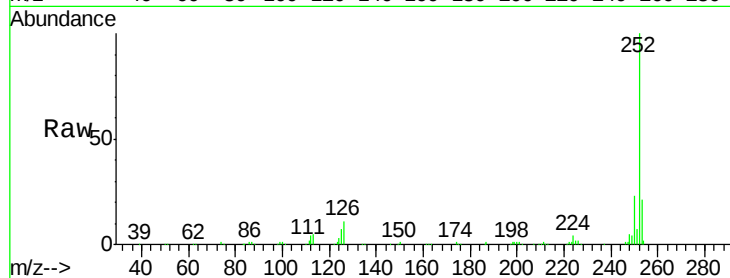
Tot Ion:252 Resp: 227802

Ion Ratio Lower Upper

252 100

253 21.0 16.6 24.8

125 7.3 5.8 8.8



#89

Benzo(a)pyrene

Concen: 38.20 ng

RT: 22.52 min Scan# 1893

Delta R.T. -0.05 min

Lab File: BF077312.D

Acq: 13 Feb 2015 17:24

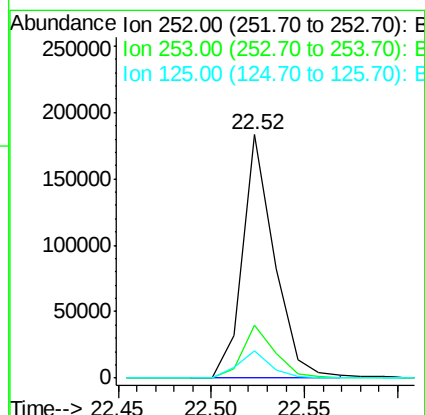
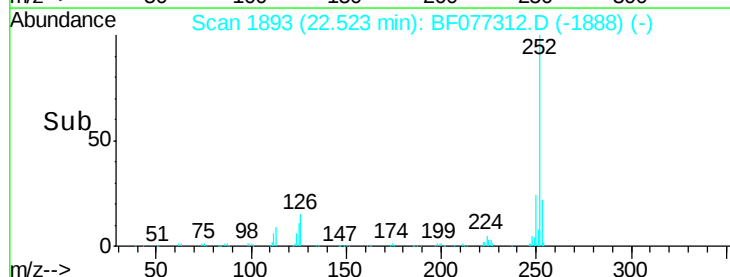
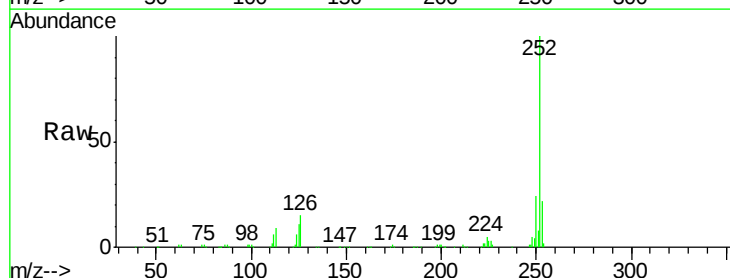
Tgt Ion:252 Resp: 217441

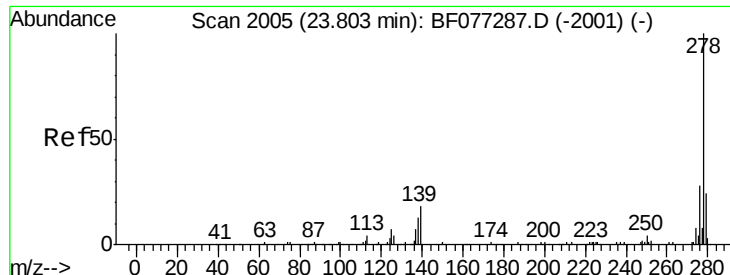
Ion Ratio Lower Upper

252 100

253 21.8 17.2 25.8

125 11.4 8.2 12.4





#90

Dibenzo(a,h)anthracene

Concen: 41.26 ng/mL

RT: 23.70 min Scan# 1996

Delta R.T. -0.10 min

Lab File: BF077312.D

Acq: 13 Feb 2015 17:24

Instrument :

BNA_F

ClientSampleId :

PB81735BS

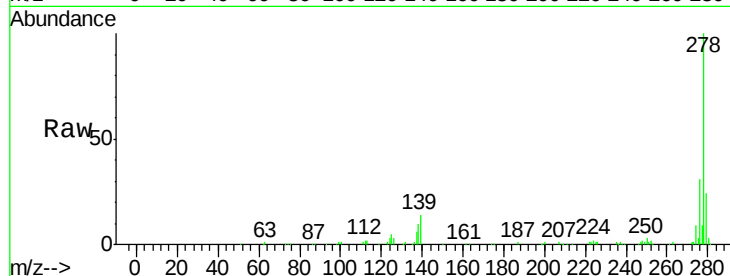
Tot Ion:278 Resp: 208564

Ion Ratio Lower Upper

278 100

139 14.3 14.2 21.2

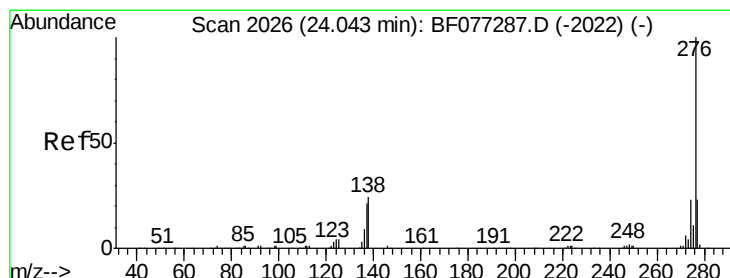
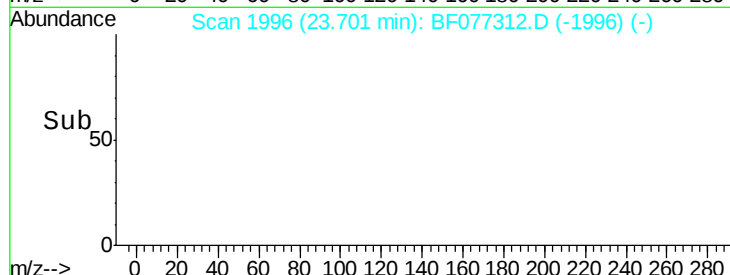
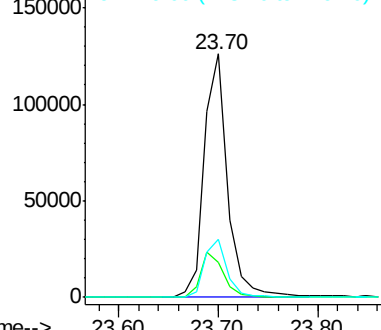
279 24.0 18.9 28.3



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 38.83 ng/mL

RT: 23.93 min Scan# 2016

Delta R.T. -0.11 min

Lab File: BF077312.D

Acq: 13 Feb 2015 17:24

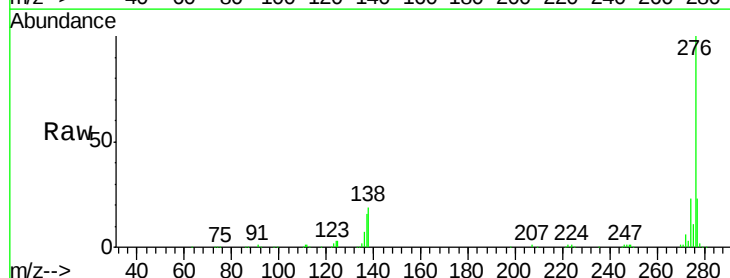
Tgt Ion:276 Resp: 194205

Ion Ratio Lower Upper

276 100

277 23.3 18.7 28.1

138 19.0 19.1 28.7#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

