

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021215\
 Data File : BF077293.D
 Acq On : 12 Feb 2015 20:34
 Operator : TP/IZ
 Sample : PB81726BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81726BS

Quant Time: Feb 13 04:35:41 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 03:50:26 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	24657	20.00	ng	0.00
21) Naphthalene-d8	10.41	136	104902	20.00	ng	0.00
38) Acenaphthene-d10	14.52	164	52025	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	98606	20.00	ng	0.00
75) Chrysene-d12	20.96	240	93093	20.00	ng	0.00
86) Perylene-d12	22.61	264	83293	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	4.50	112	197231	124.63	ng	0.01
7) Phenol-d6	6.93	99	249944	128.08	ng	0.00
23) Nitrobenzene-d5	8.81	82	160974	87.65	ng	-0.01
41) 2,4,6-Tribromophenol	16.31	330	62597	147.55	ng	0.00
44) 2-Fluorobiphenyl	13.07	172	335042	96.93	ng	0.00
78) Terphenyl-d14	19.70	244	364204	87.88	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	1.02	88	19075	32.06	ng	87
3) Pyridine	1.44	79	59084	37.48	ng	99
4) n-Nitrosodimethylamine	1.40	42	32432	38.75	ng	96
6) Aniline	6.80	93	46040	17.83	ng	97
8) 2-Chlorophenol	7.04	128	71442	39.93	ng	99
9) Benzaldehyde	6.54	77	2733	2.27	ng	# 82
10) Phenol	6.96	94	76943	38.36	ng	92
11) bis(2-Chloroethyl)ether	7.05	93	63319	39.61	ng	93
12) 1,3-Dichlorobenzene	7.33	146	75671	38.26	ng	98
13) 1,4-Dichlorobenzene	7.54	146	76509	37.51	ng	95
14) 1,2-Dichlorobenzene	7.85	146	73509	38.04	ng	99
15) Benzyl Alcohol	7.96	79	64725	41.87	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.30	45	87853	39.22	ng	100
17) 2-Methylphenol	8.33	107	55921	40.41	ng	97
18) Hexachloroethane	8.59	117	29061	39.23	ng	96
19) n-Nitroso-di-n-propylamine	8.59	70	54281	39.56	ng	99
20) 3+4-Methylphenols	8.72	107	66453	37.25	ng	92
22) Acetophenone	8.51	105	106498	42.27	ng	99
24) Nitrobenzene	8.85	77	74416	40.87	ng	96
25) Isophorone	9.46	82	140652	42.49	ng	96
26) 2-Nitrophenol	9.60	139	35150	39.12	ng	97
27) 2,4-Dimethylphenol	9.89	122	64574	43.40	ng	96
28) bis(2-Chloroethoxy)methane	10.10	93	85626	42.49	ng	97
29) 2,4-Dichlorophenol	10.21	162	53570	39.40	ng	96
30) 1,2,4-Trichlorobenzene	10.33	180	63518	41.33	ng	96
31) Naphthalene	10.45	128	212357	41.01	ng	99
32) Benzoic acid	10.32	122	8691	38.51	ng	97
33) 4-Chloroaniline	10.73	127	36790	17.61	ng	99
34) Hexachlorobutadiene	10.83	225	35010	40.09	ng	92
35) Caprolactam	11.57	113	14239	35.42	ng	88
36) 4-Chloro-3-methylphenol	12.04	107	64069	42.13	ng	99
37) 2-Methylnaphthalene	12.11	142	155741	40.12	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.51	216	59274	45.27	ng	# 100
40) Hexachlorocyclopentadiene	12.50	237	58223	89.28	ng	98

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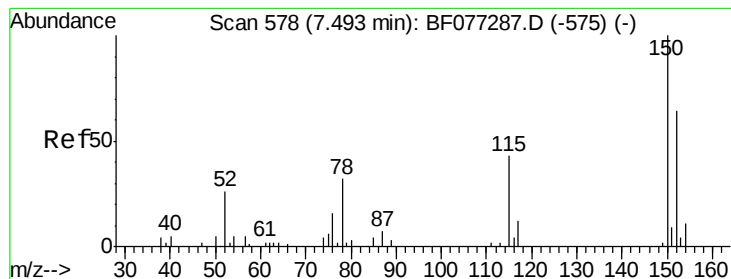
Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	12.89	196	40250	46.72	ng	97
43) 2,4,5-Trichlorophenol	12.98	196	34102	40.42	ng	# 91
45) 1,1'-Biphenyl	13.27	154	182600	45.55	ng	97
46) 2-Chloronaphthalene	13.23	162	148456	46.37	ng	97
47) 2-Nitroaniline	13.60	65	47524	50.80	ng	96
48) Acenaphthylene	14.18	152	235900	46.70	ng	100
49) Dimethylphthalate	14.16	163	183206	48.69	ng	98
50) 2,6-Dinitrotoluene	14.25	165	36823	50.62	ng	86
51) Acenaphthene	14.60	154	131872	45.08	ng	96
52) 3-Nitroaniline	14.60	138	20971	23.57	ng	86
53) 2,4-Dinitrophenol	14.89	184	23764	87.40	ng	# 71
54) Dibenzofuran	15.03	168	210380	46.51	ng	100
55) 4-Nitrophenol	15.23	139	40713	94.01	ng	99
56) 2,4-Dinitrotoluene	15.19	165	51522	49.52	ng	97
57) Fluorene	15.80	166	173812	46.93	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.40	232	27800	48.82	ng	# 100
59) Diethylphthalate	15.83	149	187466	47.85	ng	98
60) 4-Chlorophenyl-phenylether	15.92	204	75414	48.97	ng	99
61) 4-Nitroaniline	15.99	138	35923	43.28	ng	94
62) Azobenzene	16.21	77	191217	51.17	ng	100
64) 4,6-Dinitro-2-methylphenol	16.07	198	22386	40.41	ng	96
65) n-Nitrosodiphenylamine	16.18	169	147695	41.99	ng	99
66) 4-Bromophenyl-phenylether	16.80	248	43548	42.26	ng	98
67) Hexachlorobenzene	16.81	284	44365	42.28	ng	91
68) Atrazine	17.20	200	47293	42.45	ng	95
69) Pentachlorophenol	17.20	266	26946	82.21	ng	91
70) Phenanthrene	17.47	178	249417	41.94	ng	99
71) Anthracene	17.55	178	254416	42.64	ng	98
72) Carbazole	17.85	167	237361	41.65	ng	99
73) Di-n-butylphthalate	18.45	149	322873	44.51	ng	100
74) Fluoranthene	19.13	202	257855	42.09	ng	99
76) Benzidine	19.38	184	114853	30.44	ng	98
77) Pyrene	19.41	202	267477	43.08	ng	99
79) Butylbenzylphthalate	20.36	149	141570	45.03	ng	96
80) Benzo(a)anthracene	20.95	228	258944	45.19	ng	99
81) 3,3'-Dichlorobenzidine	20.96	252	41425	20.62	ng	98
82) Chrysene	20.98	228	210589	40.56	ng	99
83) Bis(2-ethylhexyl)phthalate	21.11	149	211712	45.26	ng	99
84) Di-n-octyl phthalate	21.87	149	370824	46.10	ng	99
85) Indeno(1,2,3-cd)pyrene	23.76	276	238282	47.20	ng	# 100
87) Benzo(b)fluoranthene	22.20	252	235086	39.63	ng	98
88) Benzo(k)fluoranthene	22.20	252	235086	52.47	ng	99
89) Benzo(a)pyrene	22.56	252	213669	43.26	ng	100
90) Dibenzo(a,h)anthracene	23.78	278	192769	43.95	ng	96
91) Benzo(g,h,i)perylene	24.02	276	192216	44.29	ng	# 91

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.49 min Scan# 578

Delta R.T. 0.00 min

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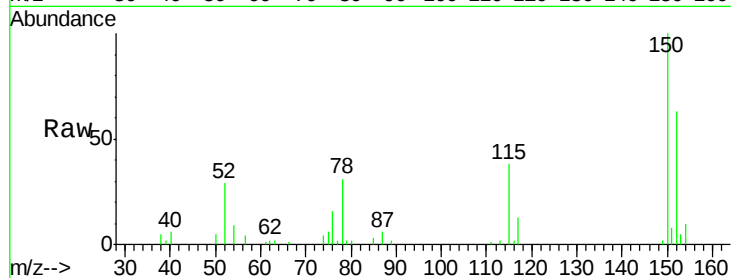
Tgt Ion:152 Resp: 24657

Ion Ratio Lower Upper

152 100

150 158.4 124.9 187.3

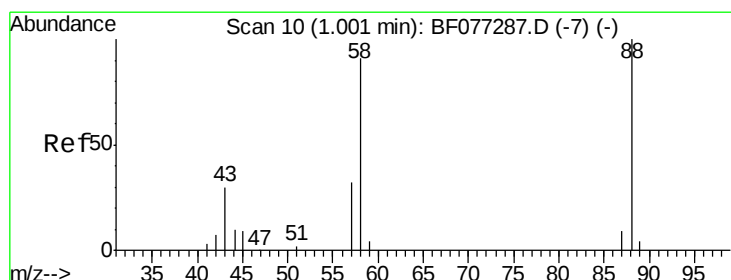
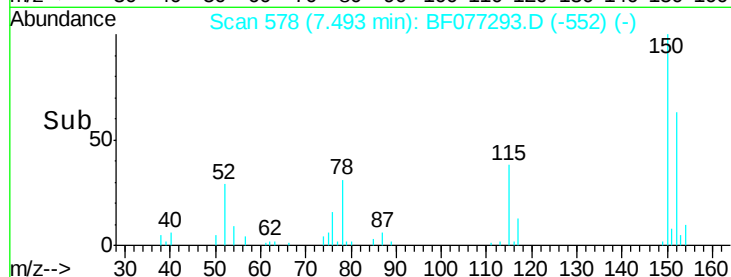
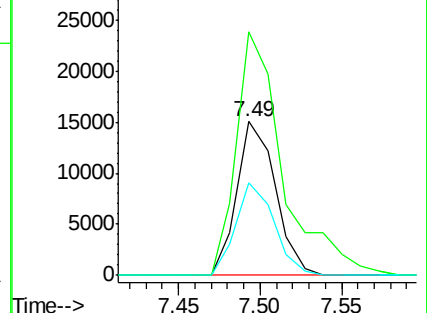
115 60.0 54.1 81.1



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



#2

1,4-Dioxane

Concen: 32.06 ng

RT: 1.02 min Scan# 12

Delta R.T. 0.02 min

Lab File: BF077293.D

Acq: 12 Feb 2015 20:34

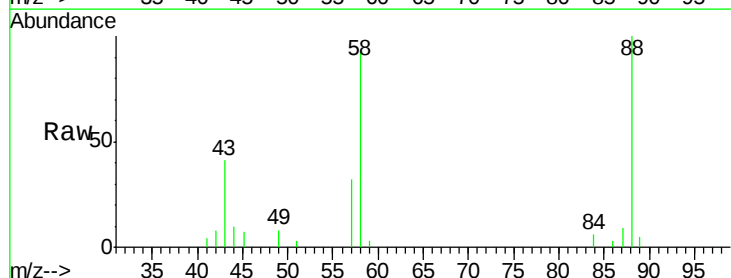
Tgt Ion: 88 Resp: 19075

Ion Ratio Lower Upper

88 100

58 110.1 77.0 115.6

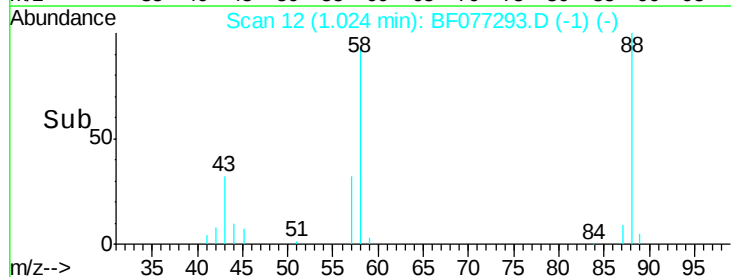
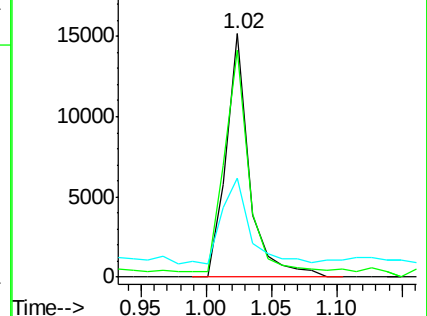
43 41.1 28.1 42.1

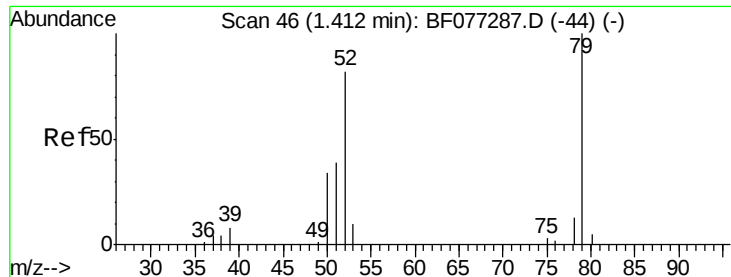


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 37.48 ng

RT: 1.44 min Scan# 48

Delta R.T. 0.02 min

Lab File: BF077293.D

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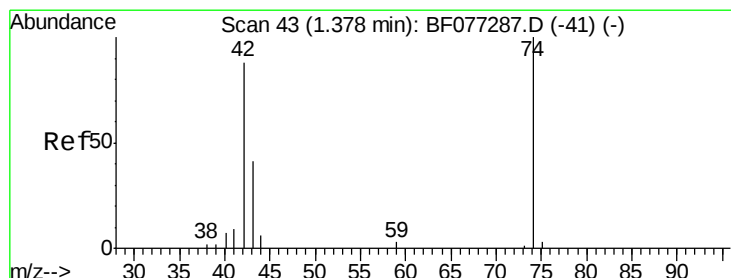
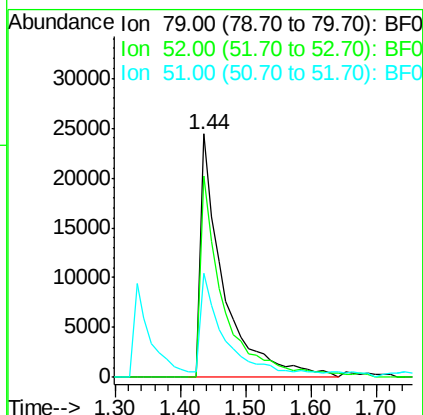
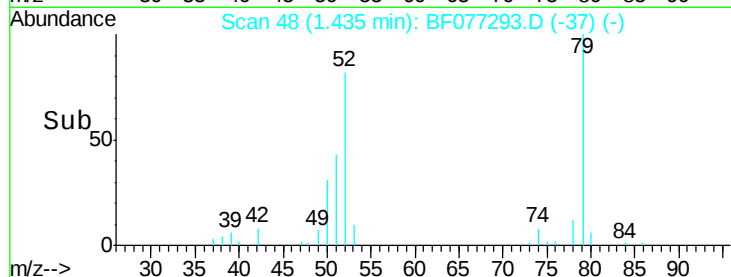
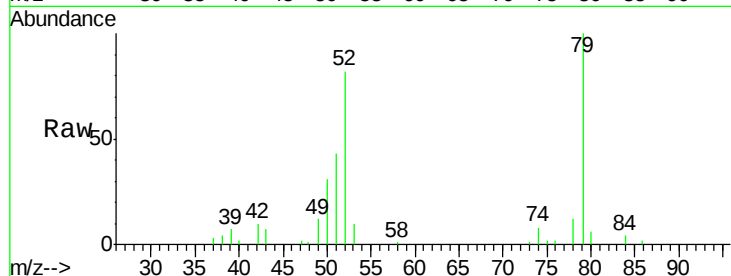
Tgt Ion: 79 Resp: 59084

Ion Ratio Lower Upper

79 100

52 82.5 65.3 97.9

51 42.6 35.4 53.0



#4

n-Nitrosodimethylamine

Concen: 38.75 ng

RT: 1.40 min Scan# 45

Delta R.T. 0.02 min

Lab File: BF077293.D

Acq: 12 Feb 2015 20:34

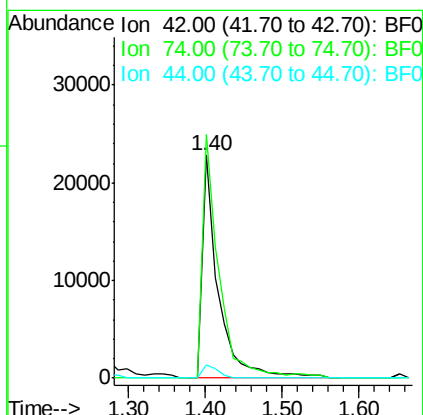
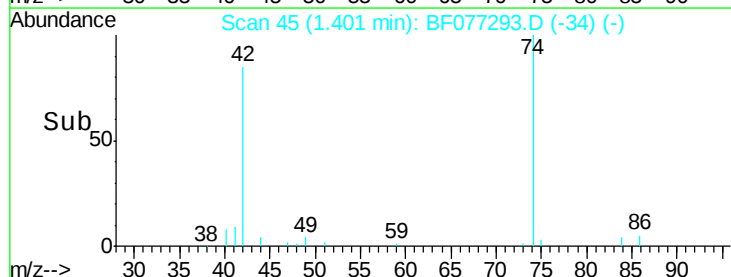
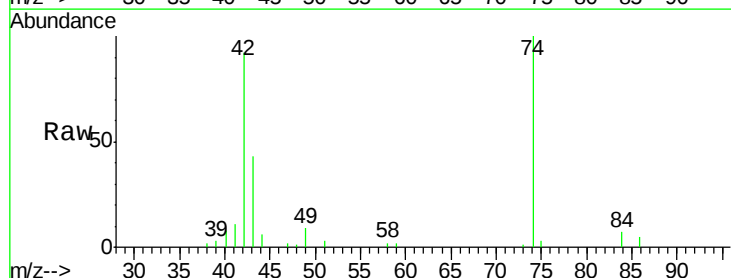
Tgt Ion: 42 Resp: 32432

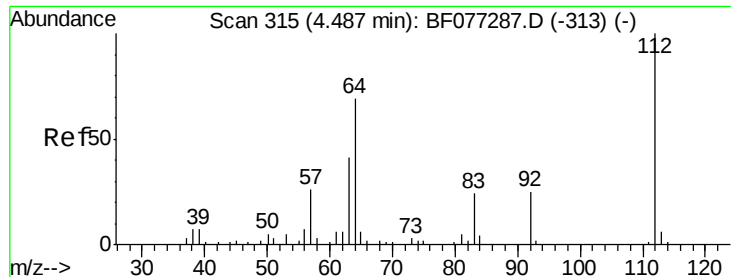
Ion Ratio Lower Upper

42 100

74 109.2 90.8 136.2

44 6.1 5.8 8.6





#5

2-Fluorophenol

Concen: 124.63 ng

RT: 4.50 min Scan# 316

Delta R.T. 0.01 min

Lab File: BF077293.D

Acq: 12 Feb 2015 20:34

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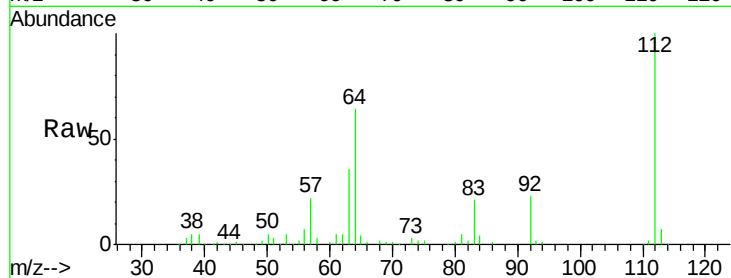
Tgt Ion: 112 Resp: 197231

Ion Ratio Lower Upper

112 100

64 63.7 55.0 82.4

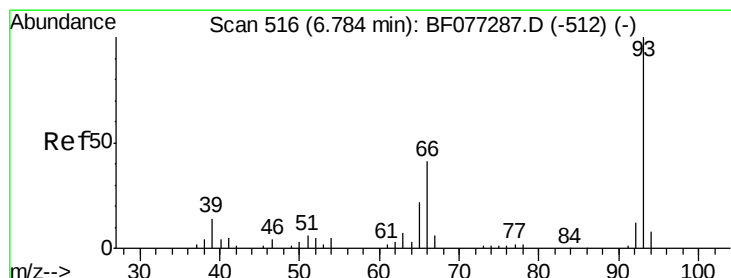
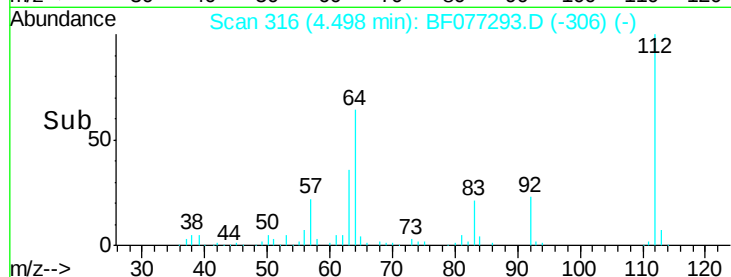
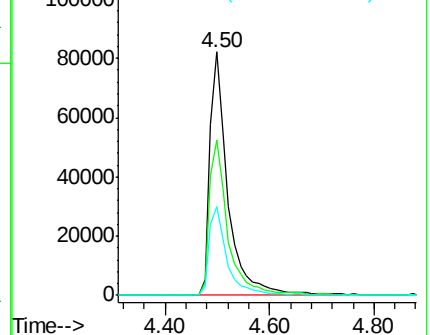
63 36.4 33.0 49.6



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: 17.83 ng

RT: 6.80 min Scan# 517

Delta R.T. 0.01 min

Lab File: BF077293.D

Acq: 12 Feb 2015 20:34

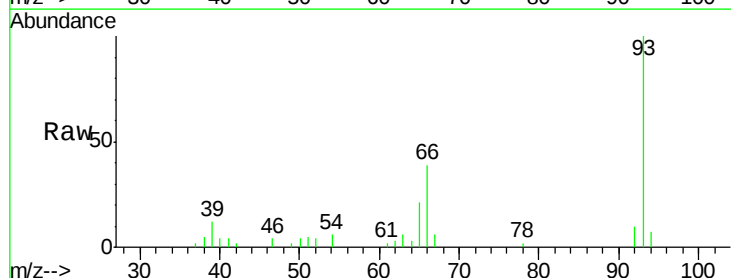
Tgt Ion: 93 Resp: 46040

Ion Ratio Lower Upper

93 100

66 39.1 33.1 49.7

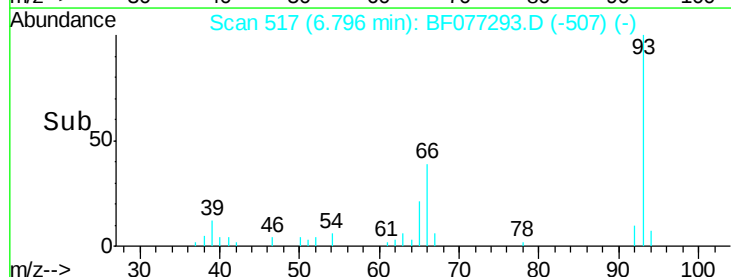
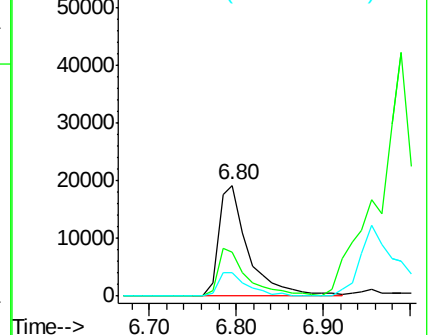
65 21.3 17.2 25.8

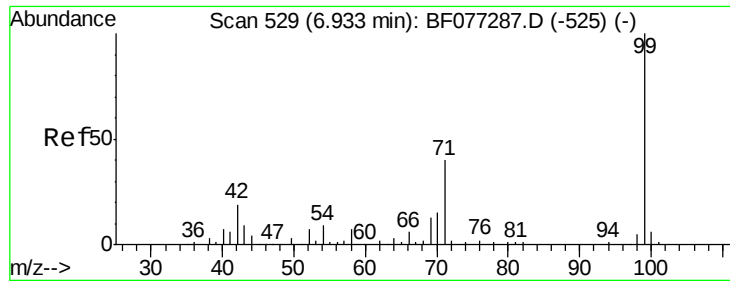


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 128.08 ng

RT: 6.93 min Scan# 529

Delta R.T. 0.00 min

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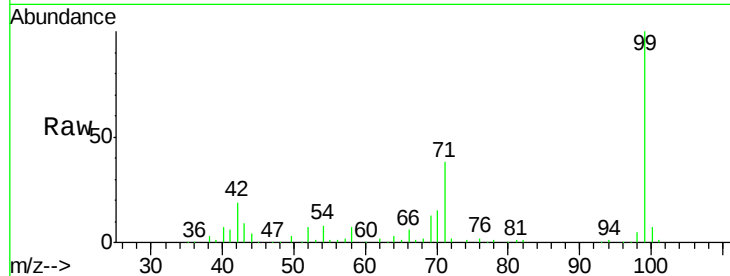
Tgt Ion: 99 Resp: 249944

Ion Ratio Lower Upper

99 100

42 18.8 15.0 22.4

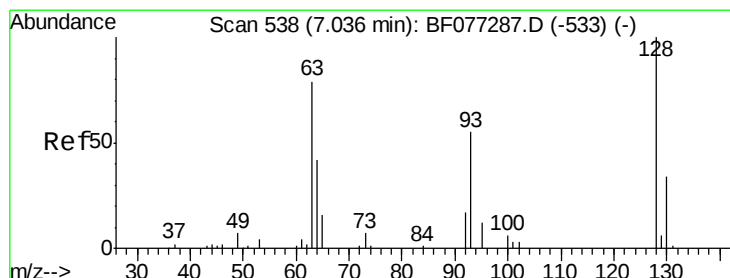
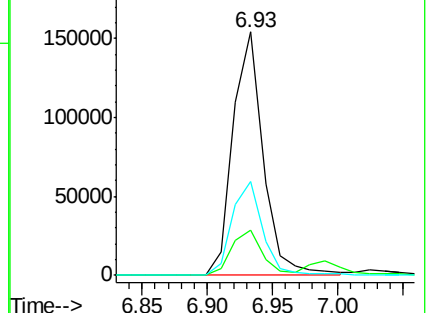
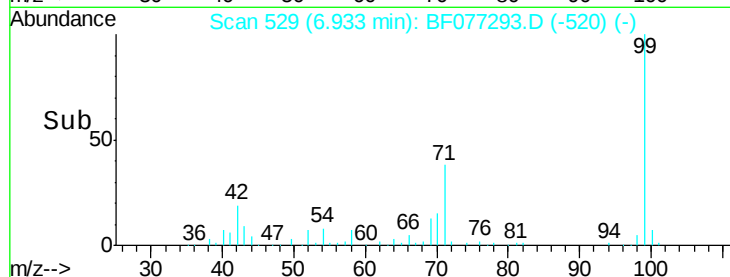
71 38.4 31.8 47.6



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: 39.93 ng

RT: 7.04 min Scan# 538

Delta R.T. 0.00 min

Lab File: BF077293.D

Acq: 12 Feb 2015 20:34

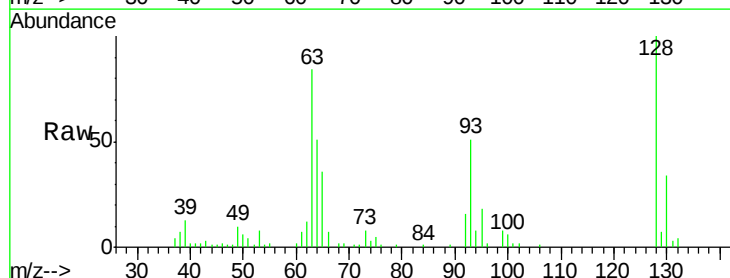
Tgt Ion: 128 Resp: 71442

Ion Ratio Lower Upper

128 100

130 33.6 14.4 54.4

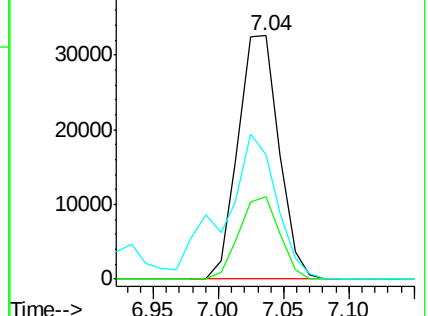
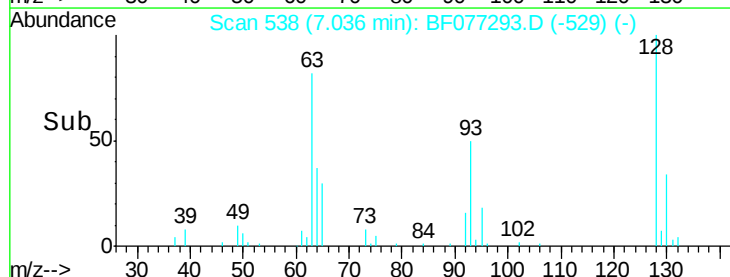
64 51.0 30.4 70.4

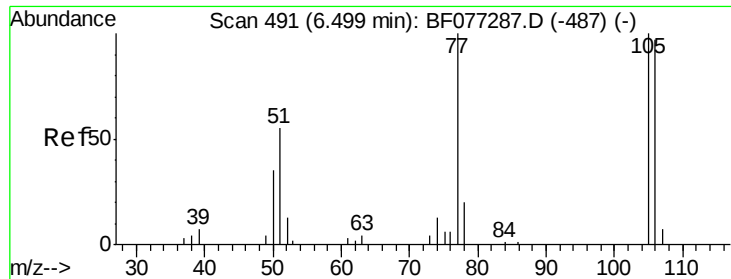


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 2.27 ng

RT: 6.54 min Scan# 495

Delta R.T. 0.05 min

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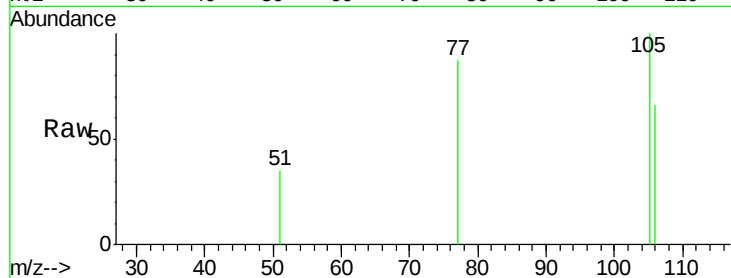
Tgt Ion: 77 Resp: 2733

Ion Ratio Lower Upper

77 100

105 114.7 80.4 120.4

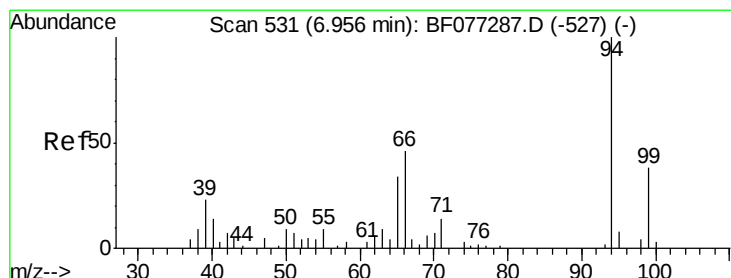
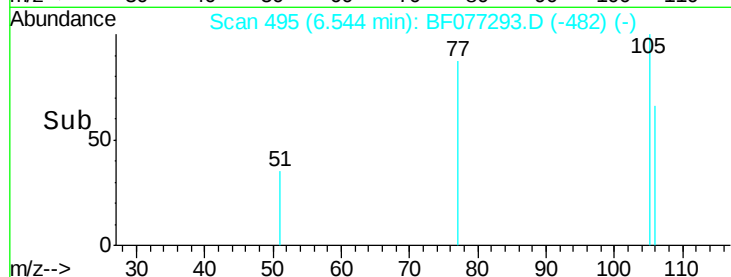
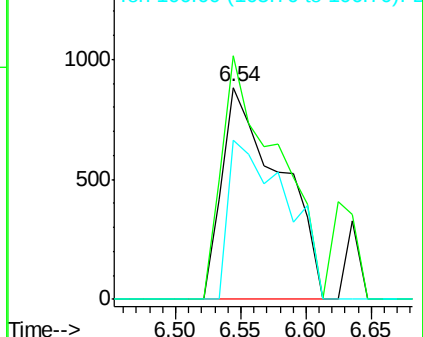
106 75.2 77.5 117.5#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 38.36 ng

RT: 6.96 min Scan# 531

Delta R.T. 0.00 min

Lab File: BF077293.D

Acq: 12 Feb 2015 20:34

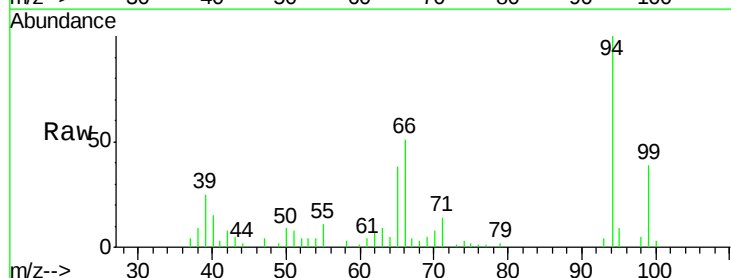
Tgt Ion: 94 Resp: 76943

Ion Ratio Lower Upper

94 100

65 37.5 14.2 54.2

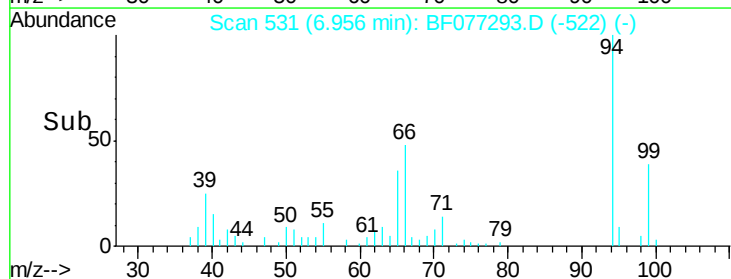
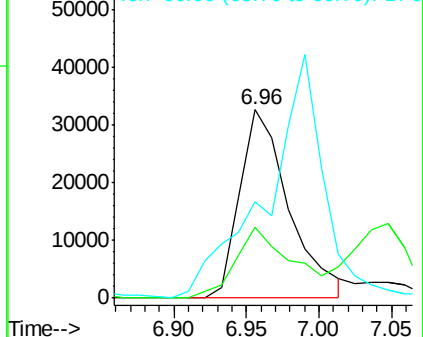
66 51.5 25.7 65.7

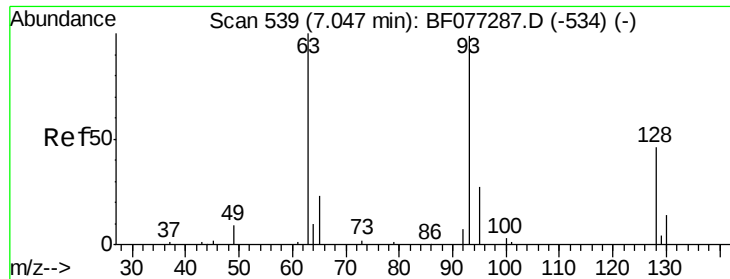


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

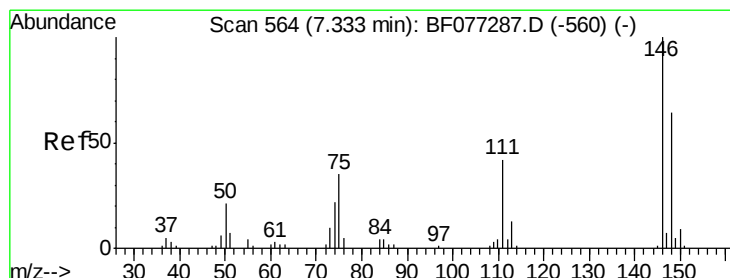
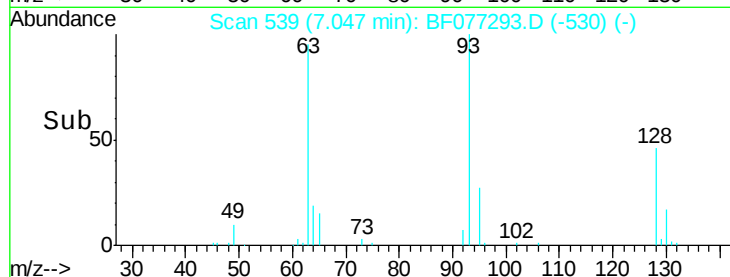
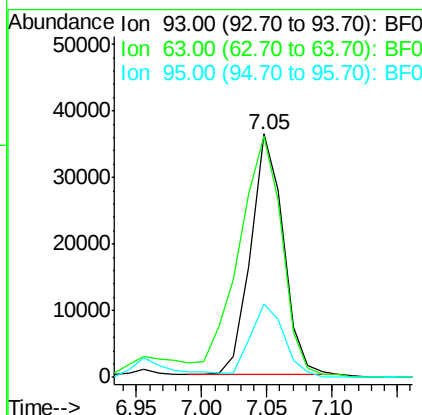
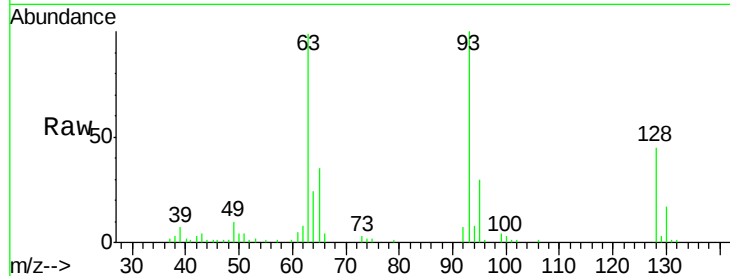




#11
bis(2-Chloroethyl)ether
Concen: 39.61 ng
RT: 7.05 min Scan# 539
Delta R.T. 0.00 min
Lab File: BF077293.D
Acq: 12 Feb 2015 20:34

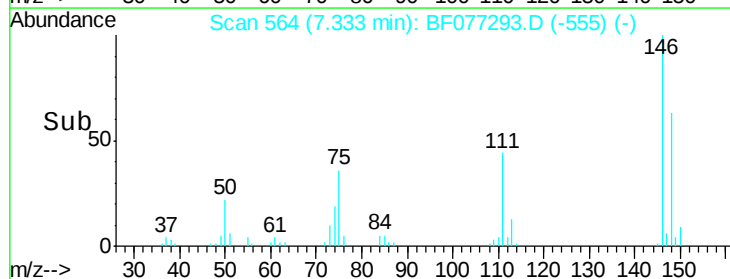
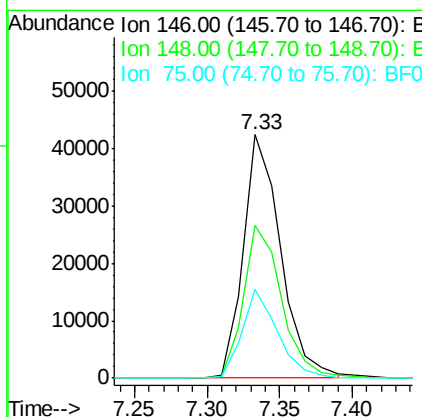
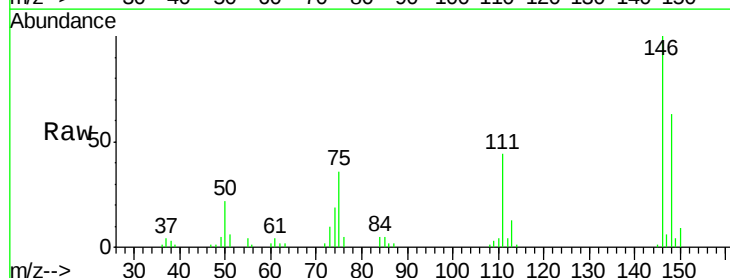
Instrument :
BNA_F
ClientSampleId :
PB81726BS

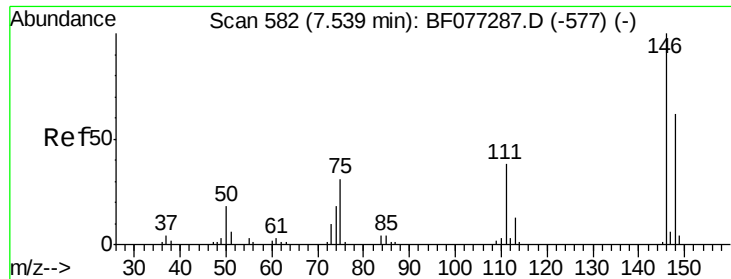
Tgt Ion: 93 Resp: 63319
Ion Ratio Lower Upper
93 100
63 98.8 86.6 126.6
95 30.1 12.0 52.0



#12
1,3-Dichlorobenzene
Concen: 38.26 ng
RT: 7.33 min Scan# 564
Delta R.T. 0.00 min
Lab File: BF077293.D
Acq: 12 Feb 2015 20:34

Tgt Ion: 146 Resp: 75671
Ion Ratio Lower Upper
146 100
148 62.6 50.9 76.3
75 36.3 28.1 42.1

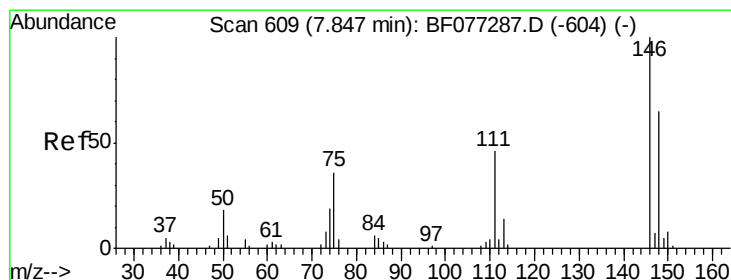
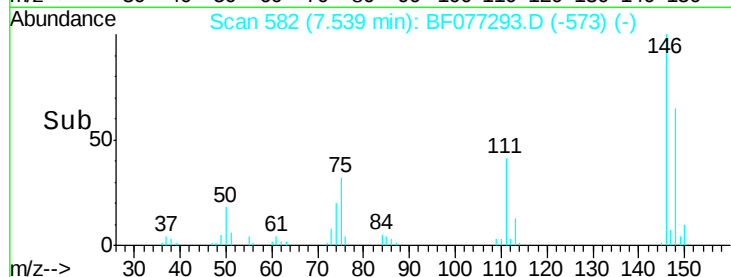
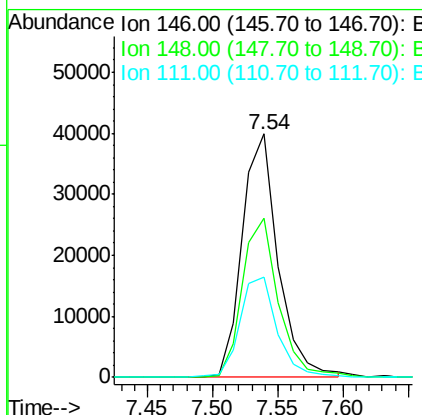
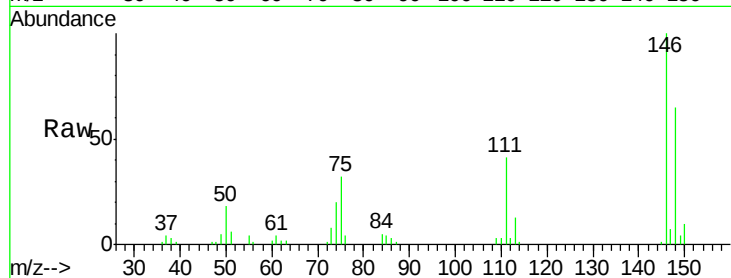




#13
 1,4-Dichlorobenzene
 Concen: 37.51 ng
 RT: 7.54 min Scan# 582
 Delta R.T. 0.00 min
 Lab File: BF077293.D
 Acq: 12 Feb 2015 20:34

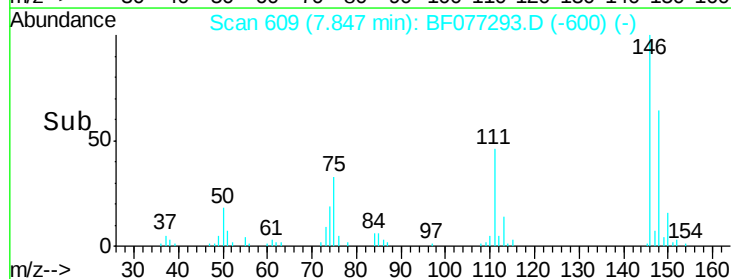
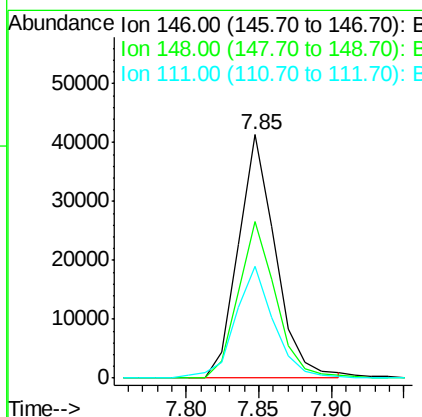
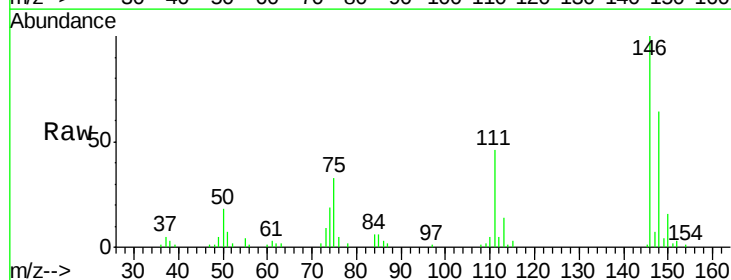
Instrument :
 BNA_F
 ClientSampleId :
 PB81726BS

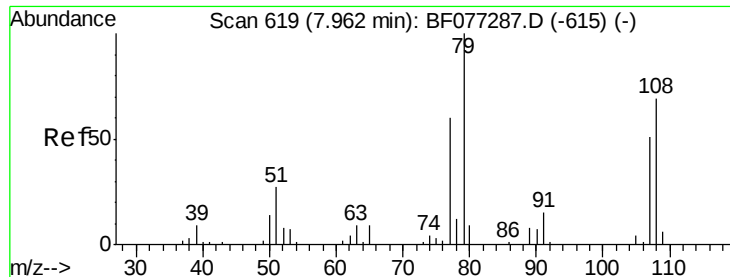
Tgt Ion:146 Resp: 76509
 Ion Ratio Lower Upper
 146 100
 148 65.3 49.8 74.6
 111 41.4 30.2 45.2



#14
 1,2-Dichlorobenzene
 Concen: 38.04 ng
 RT: 7.85 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF077293.D
 Acq: 12 Feb 2015 20:34

Tgt Ion:146 Resp: 73509
 Ion Ratio Lower Upper
 146 100
 148 64.3 52.0 78.0
 111 45.7 37.0 55.4

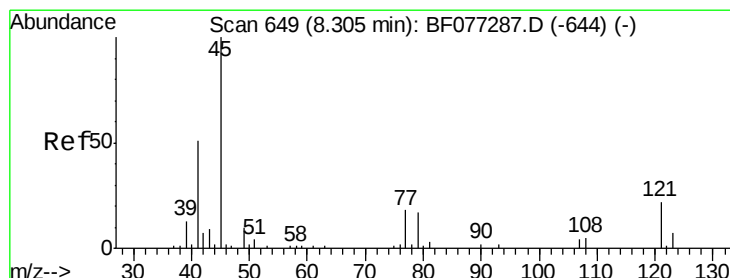
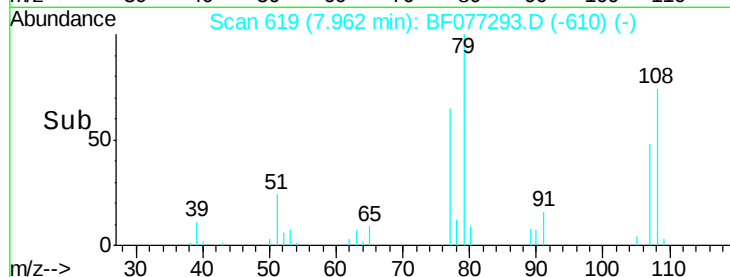
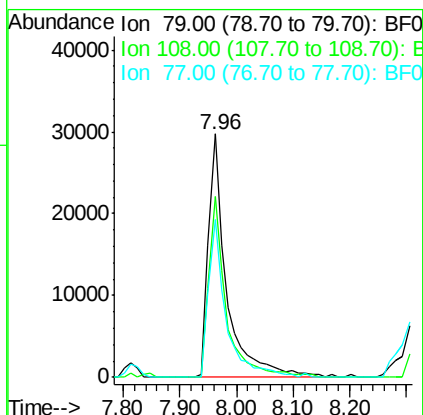
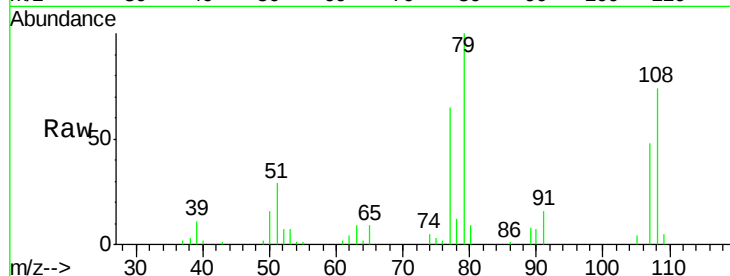




#15
Benzyl Alcohol
Concen: 41.87 ng
RT: 7.96 min Scan# 619
Delta R.T. 0.00 min
Lab File: BF077293.D
Acq: 12 Feb 2015 20:34

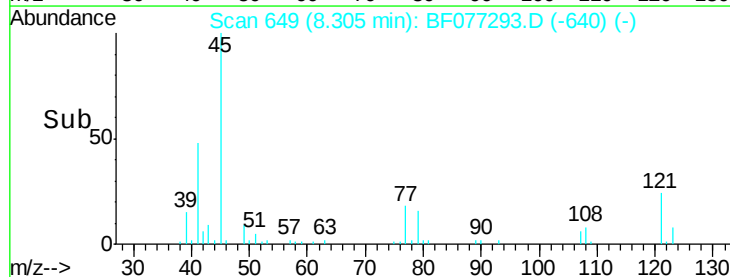
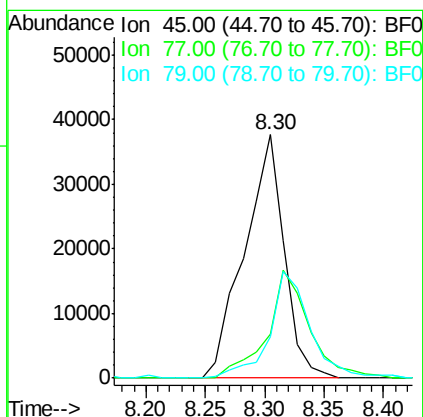
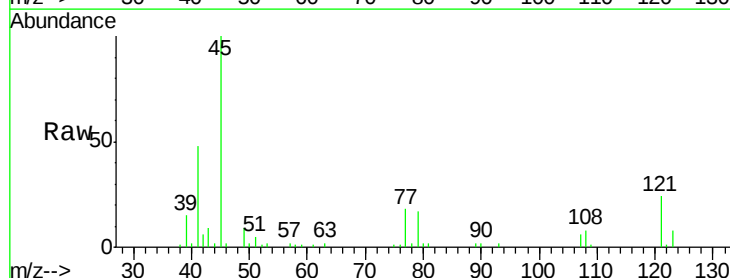
Instrument :
BNA_F
ClientSampleId :
PB81726BS

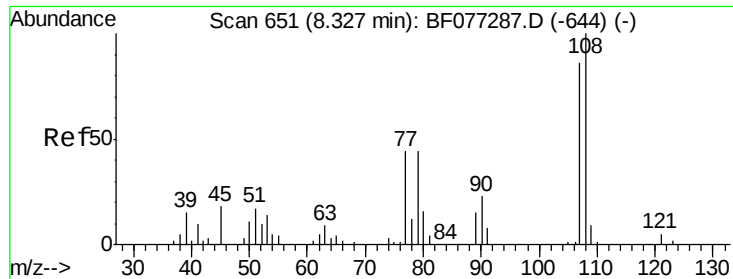
Tgt Ion: 79 Resp: 64725
Ion Ratio Lower Upper
79 100
108 74.4 54.8 82.2
77 64.6 48.0 72.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.22 ng
RT: 8.30 min Scan# 649
Delta R.T. 0.00 min
Lab File: BF077293.D
Acq: 12 Feb 2015 20:34

Tgt Ion: 45 Resp: 87853
Ion Ratio Lower Upper
45 100
77 18.2 0.0 38.2
79 16.9 0.0 37.0

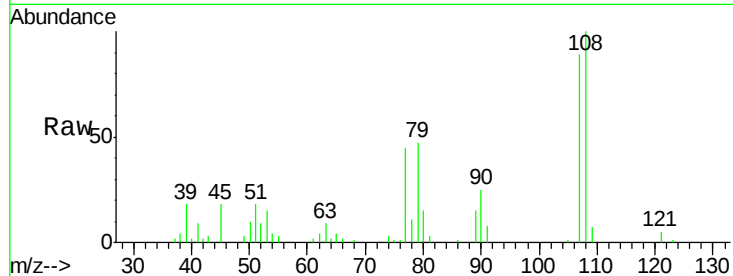




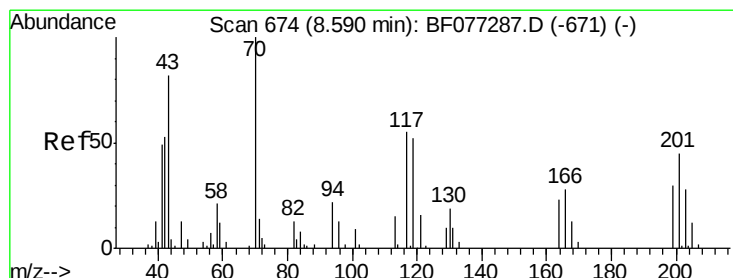
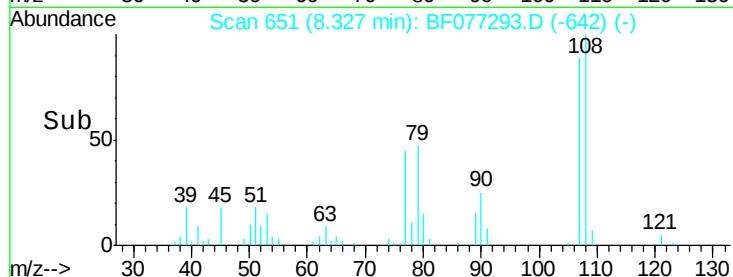
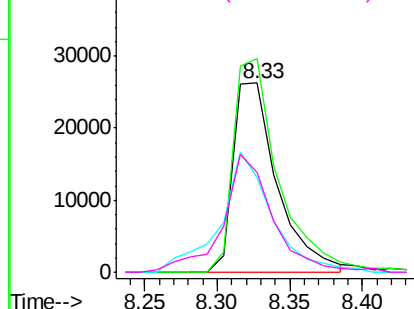
#17
2-Methylphenol
Concen: 40.41 ng
RT: 8.33 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF077293.D
Acq: 12 Feb 2015 20:34

Instrument :
BNA_F
ClientSampleId :
PB81726BS

Tgt Ion:107 Resp: 55921
Ion Ratio Lower Upper
107 100
108 112.9 93.2 139.8
77 50.3 41.3 61.9
79 53.1 40.9 61.3

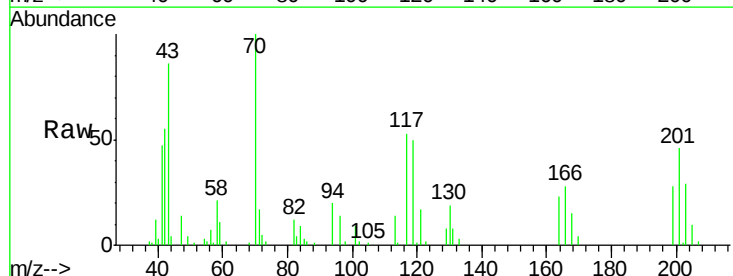


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

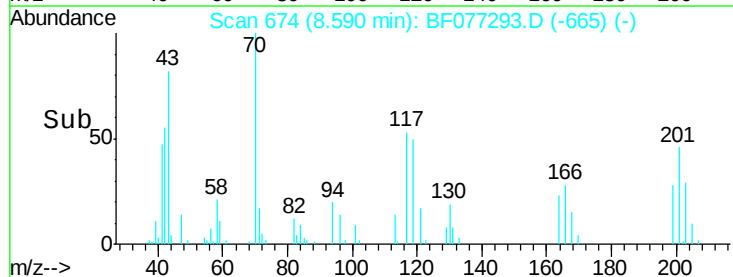
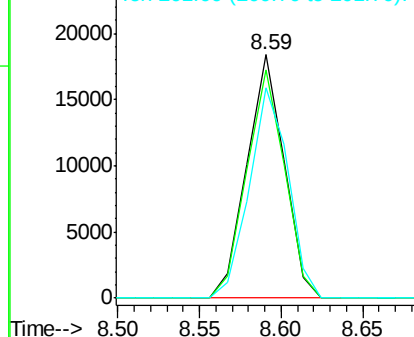


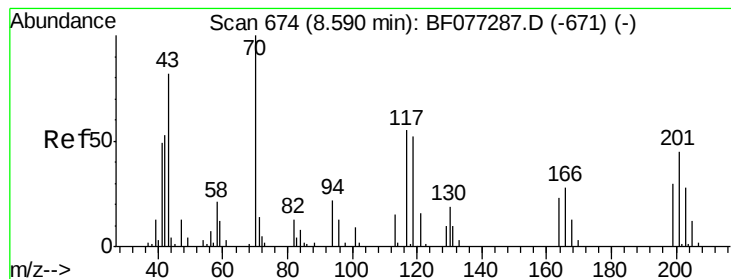
#18
Hexachloroethane
Concen: 39.23 ng
RT: 8.59 min Scan# 674
Delta R.T. 0.00 min
Lab File: BF077293.D
Acq: 12 Feb 2015 20:34

Tgt Ion:117 Resp: 29061
Ion Ratio Lower Upper
117 100
119 93.6 75.5 113.3
201 86.4 64.3 96.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 39.56 ng

RT: 8.59 min Scan# 674

Delta R.T. 0.00 min

Lab File: BF077293.D

Acq: 12 Feb 2015 20:34

Instrument :

BNA_F

ClientSampleId :

PB81726BS

Tgt Ion: 70 Resp: 54281

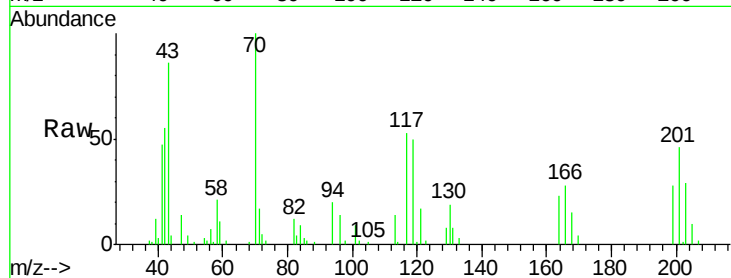
Ion Ratio Lower Upper

70 100

42 54.8 42.8 64.2

101 9.2 7.4 11.2

130 18.8 15.4 23.0

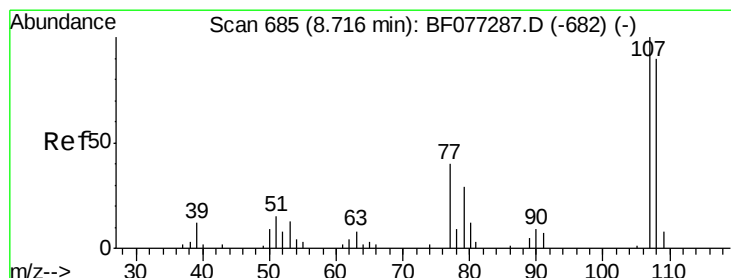
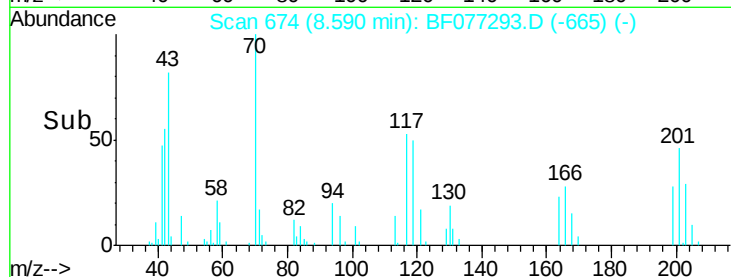
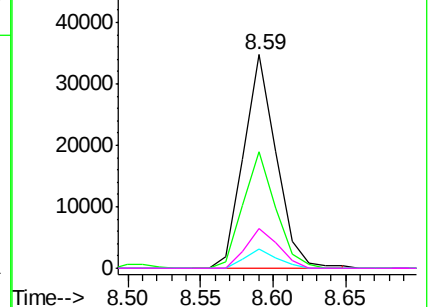


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 37.25 ng

RT: 8.72 min Scan# 685

Delta R.T. 0.00 min

Lab File: BF077293.D

Acq: 12 Feb 2015 20:34

Tgt Ion: 107 Resp: 66453

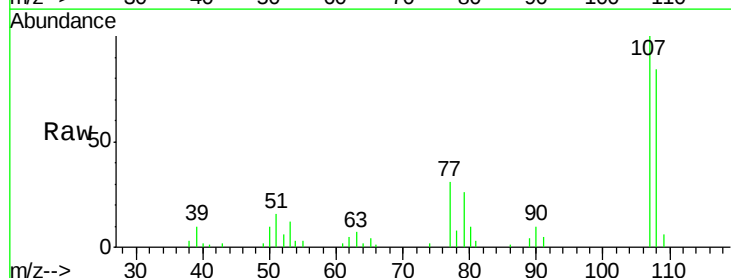
Ion Ratio Lower Upper

107 100

108 83.9 69.7 109.7

77 31.4 19.5 59.5

79 26.4 8.9 48.9

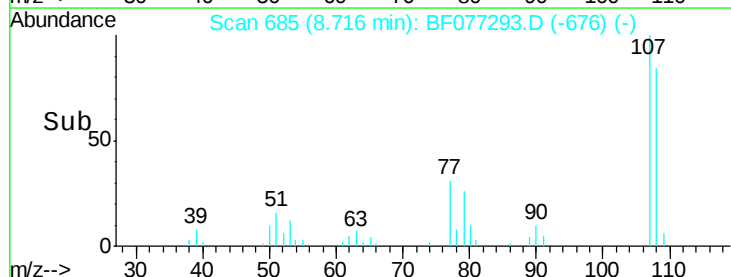
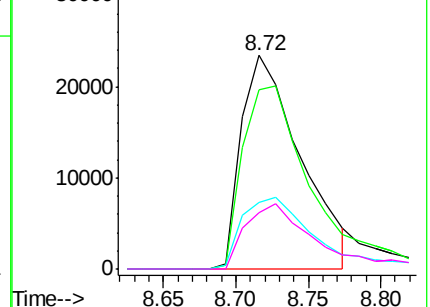


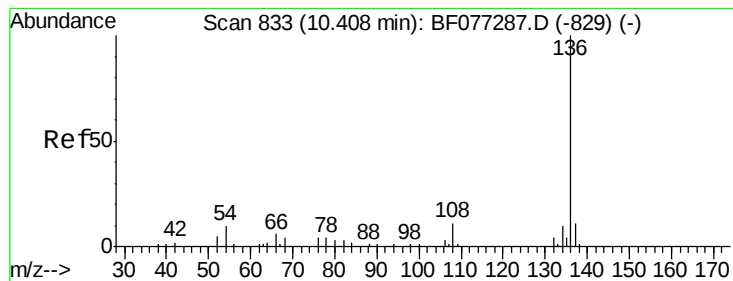
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

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

RT: 10.41 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF077293.D

Acq: 12 Feb 2015 20:34

Instrument :

BNA_F

ClientSampleId :

PB81726BS

Tgt Ion:136 Resp: 104902

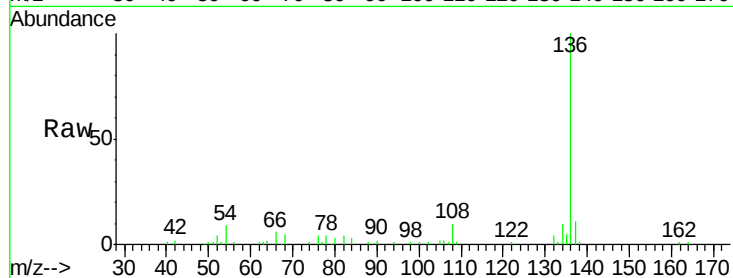
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 8.6 8.2 12.2

68 4.5 3.1 4.7

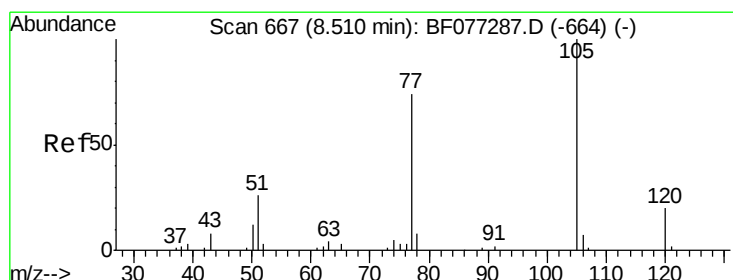
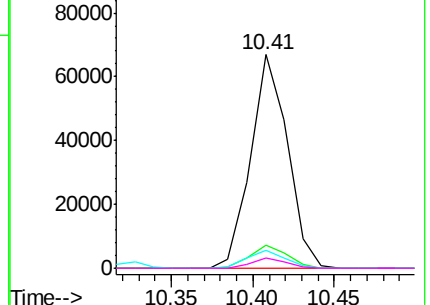
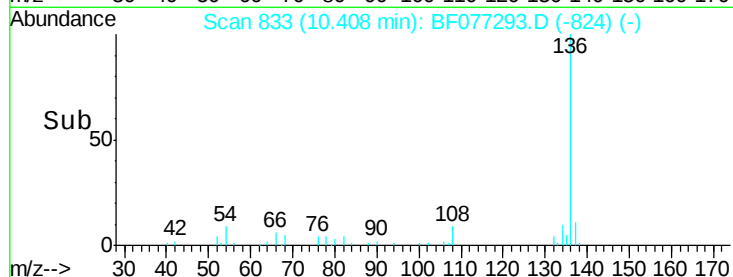


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.27 ng

RT: 8.51 min Scan# 667

Delta R.T. 0.00 min

Lab File: BF077293.D

Acq: 12 Feb 2015 20:34

Tgt Ion:105 Resp: 106498

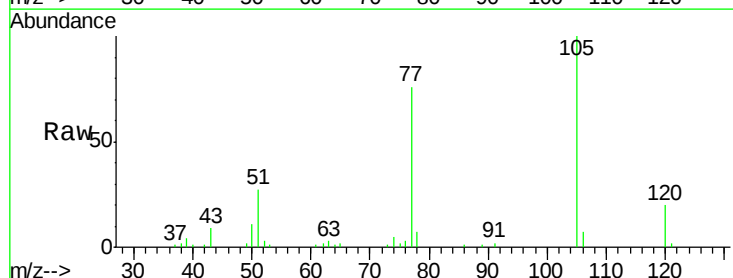
Ion Ratio Lower Upper

105 100

71 0.0 0.0 0.0

51 27.1 21.0 31.6

120 19.9 15.8 23.6

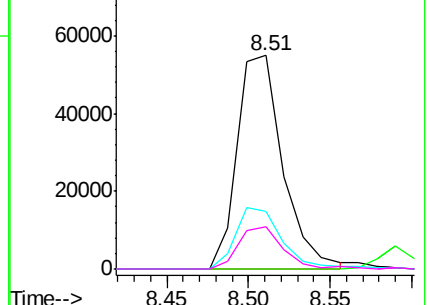
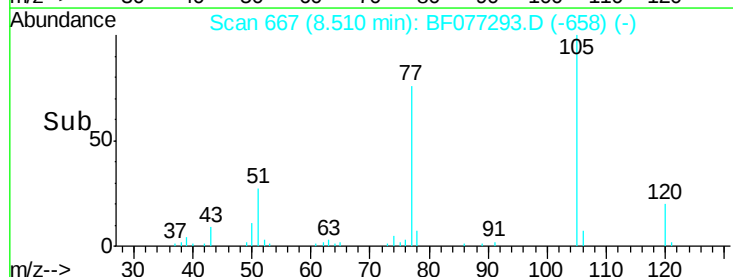


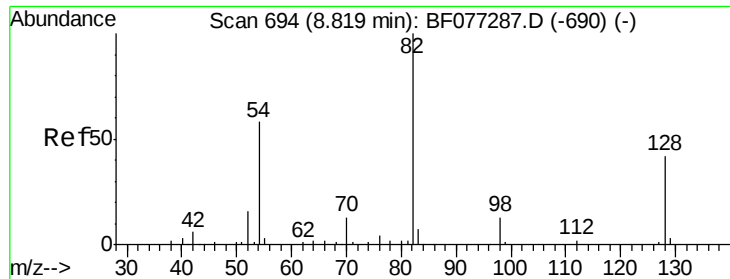
Abundance Ion 105.00 (104.70 to 105.70): E

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

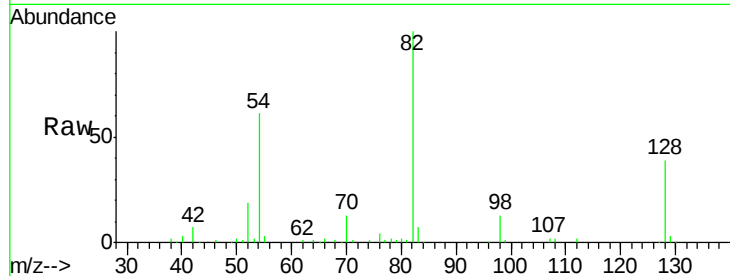




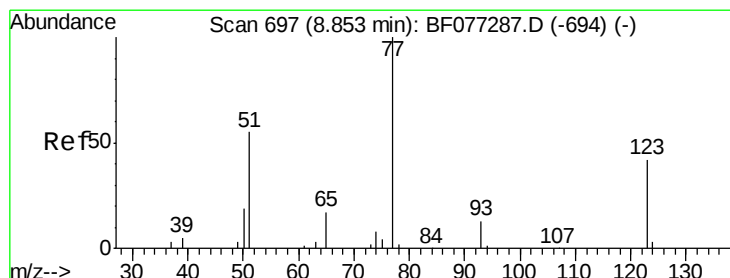
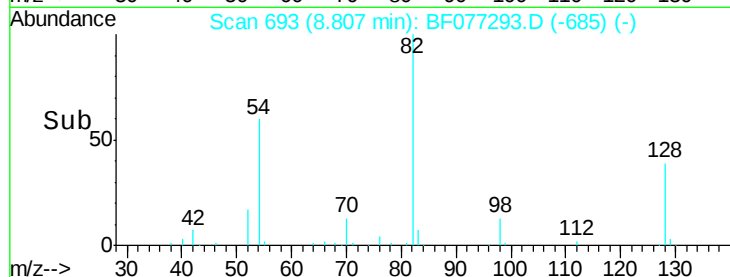
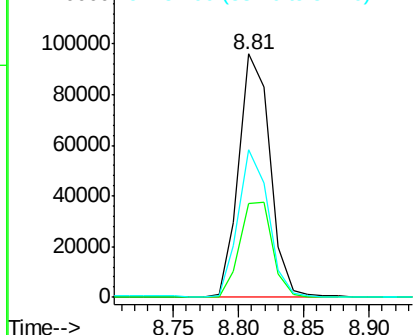
#23
Nitrobenzene-d5
Concen: 87.65 ng
RT: 8.81 min Scan# 693
Delta R.T. -0.01 min
Lab File: BF077293.D
Acq: 12 Feb 2015 20:34

Instrument :
BNA_F
ClientSampleId :
PB81726BS

Tgt Ion: 82 Resp: 160974
Ion Ratio Lower Upper
82 100
128 38.6 33.6 50.4
54 60.8 46.2 69.2

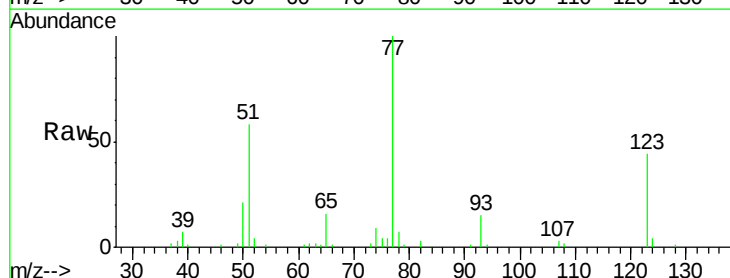


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

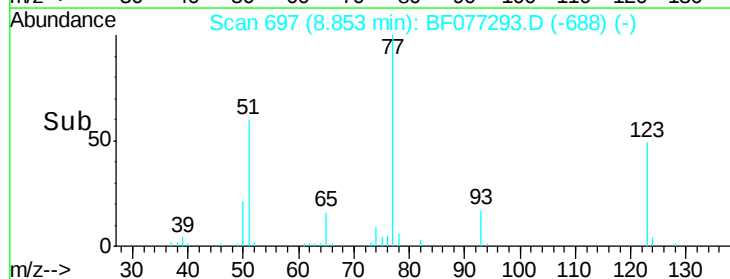
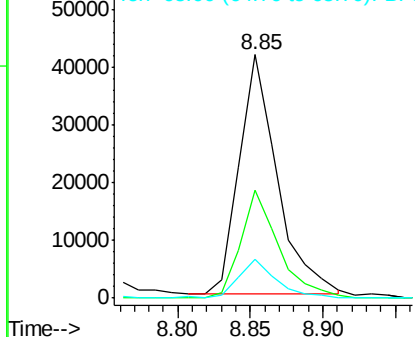


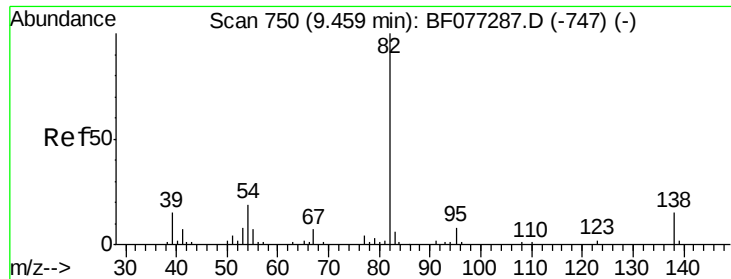
#24
Nitrobenzene
Concen: 40.87 ng
RT: 8.85 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF077293.D
Acq: 12 Feb 2015 20:34

Tgt Ion: 77 Resp: 74416
Ion Ratio Lower Upper
77 100
123 44.4 33.1 49.7
65 15.9 13.0 19.6



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





#25

Isophorone

Concen: 42.49 ng

RT: 9.46 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF077293.D

Acq: 12 Feb 2015 20:34

Instrument :

BNA_F

ClientSampleId :

PB81726BS

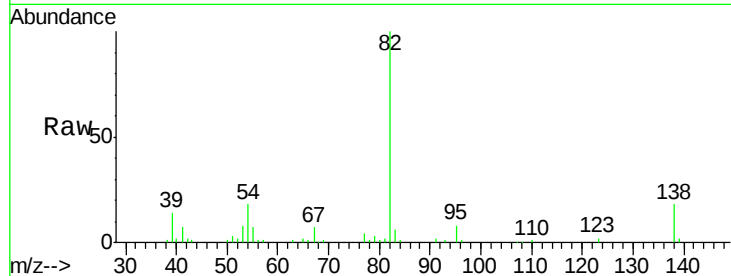
Tgt Ion: 82 Resp: 140652

Ion Ratio Lower Upper

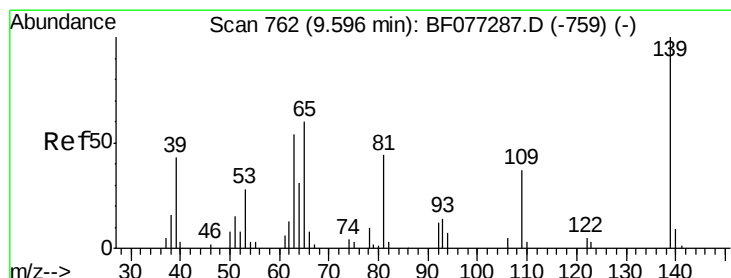
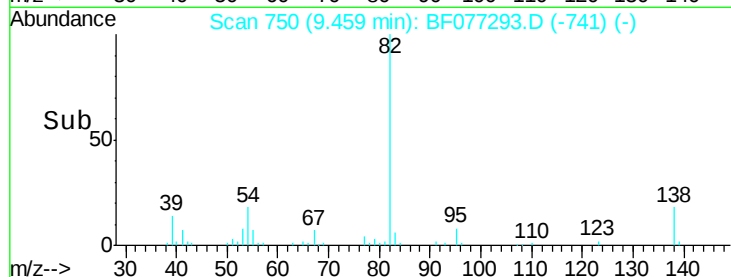
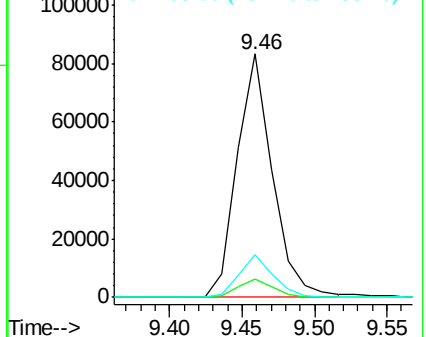
82 100

95 7.7 6.3 9.5

138 17.8 12.1 18.1



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



#26

2-Nitrophenol

Concen: 39.12 ng

RT: 9.60 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF077293.D

Acq: 12 Feb 2015 20:34

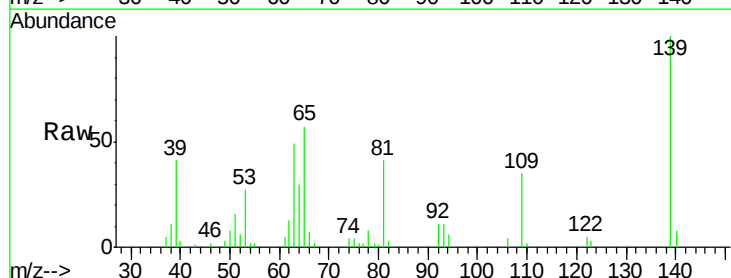
Tgt Ion: 139 Resp: 35150

Ion Ratio Lower Upper

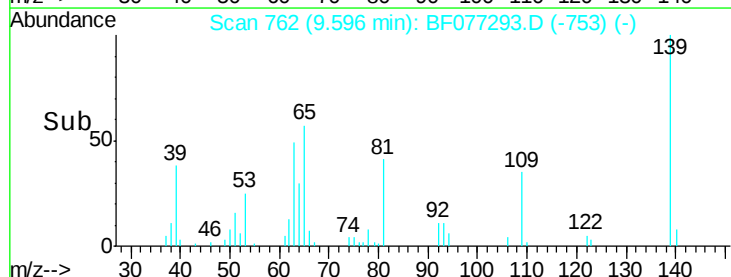
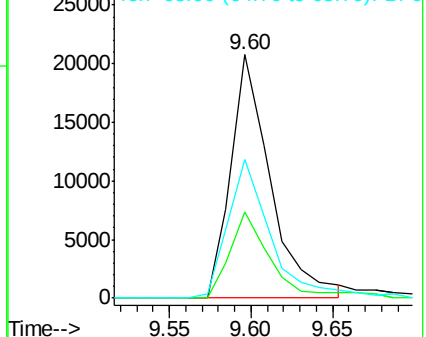
139 100

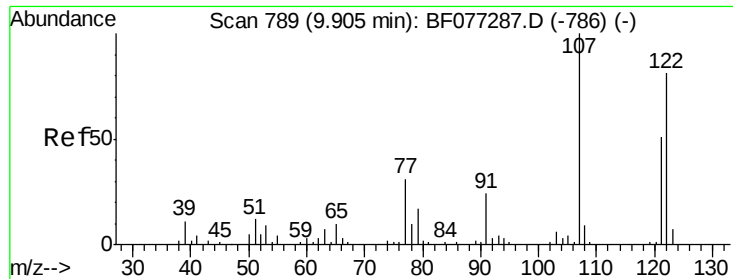
109 35.3 29.4 44.2

65 57.0 47.9 71.9



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

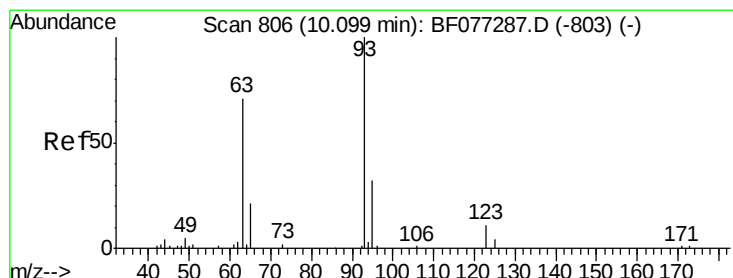
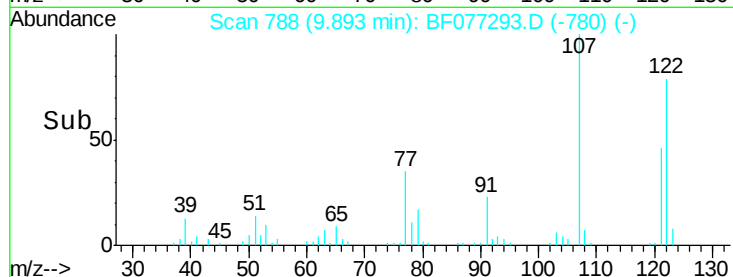
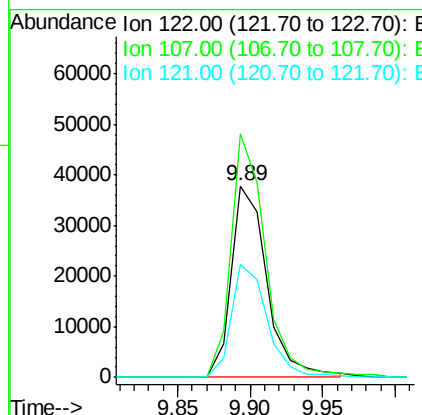
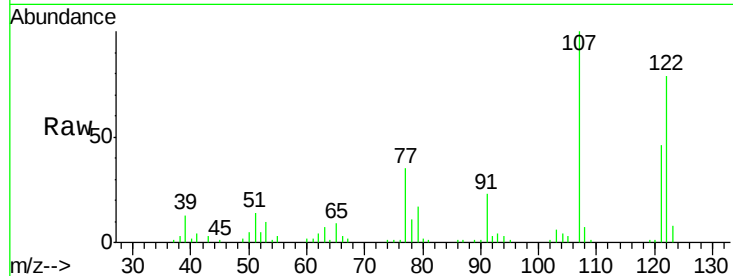




#27
 2,4-Dimethylphenol
 Concen: 43.40 ng
 RT: 9.89 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF077293.D
 Acq: 12 Feb 2015 20:34

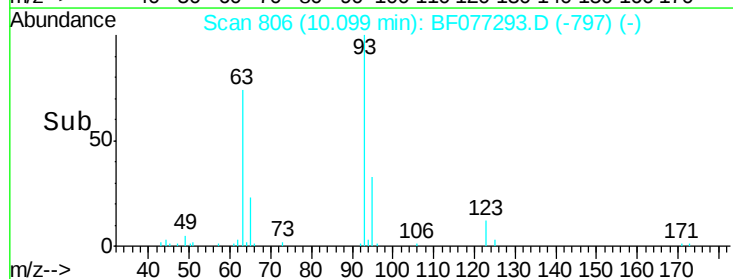
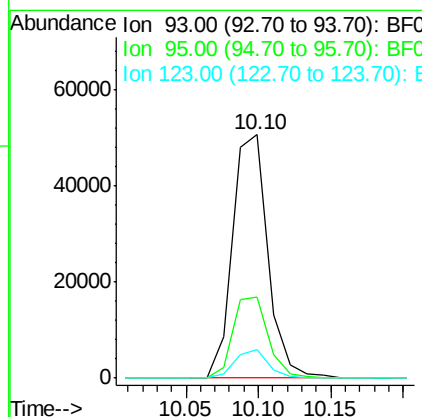
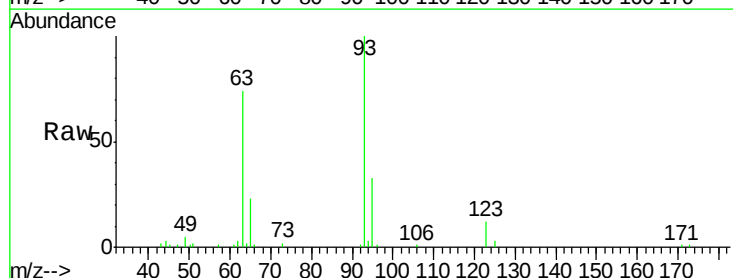
Instrument :
 BNA_F
 ClientSampleId :
 PB81726BS

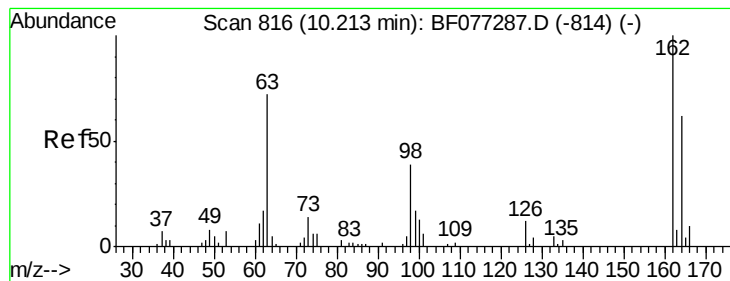
Tgt Ion:122 Resp: 64574
 Ion Ratio Lower Upper
 122 100
 107 127.1 99.1 148.7
 121 58.9 50.2 75.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.49 ng
 RT: 10.10 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF077293.D
 Acq: 12 Feb 2015 20:34

Tgt Ion: 93 Resp: 85626
 Ion Ratio Lower Upper
 93 100
 95 33.4 25.4 38.2
 123 11.5 8.5 12.7





#29

2,4-Dichlorophenol

Concen: 39.40 ng

RT: 10.21 min Scan# 816

Delta R.T. 0.00 min

Lab File: BF077293.D

Acq: 12 Feb 2015 20:34

Instrument :

BNA_F

ClientSampleId :

PB81726BS

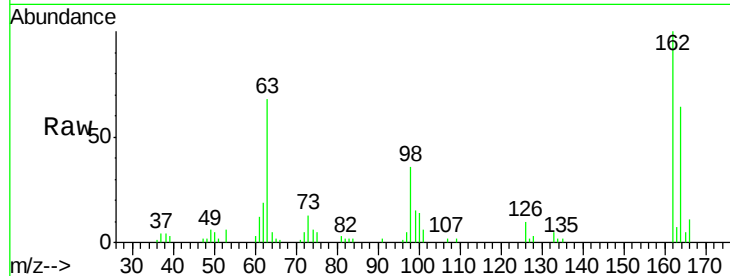
Tgt Ion:162 Resp: 53570

Ion Ratio Lower Upper

162 100

164 64.2 41.9 81.9

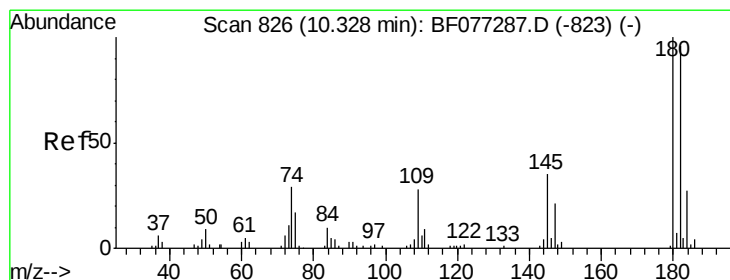
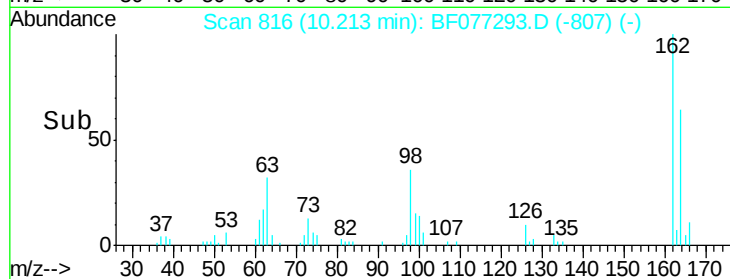
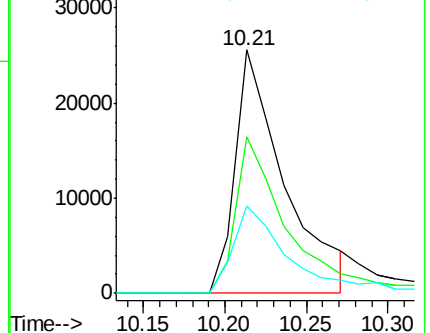
98 36.2 19.3 59.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 41.33 ng

RT: 10.33 min Scan# 826

Delta R.T. 0.00 min

Lab File: BF077293.D

Acq: 12 Feb 2015 20:34

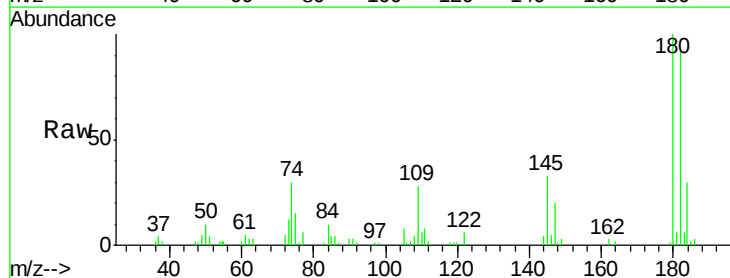
Tgt Ion:180 Resp: 63518

Ion Ratio Lower Upper

180 100

182 91.9 77.0 115.6

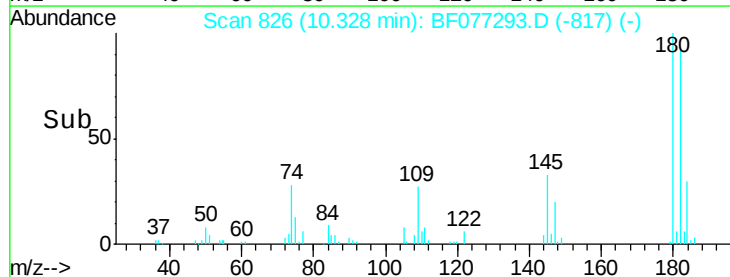
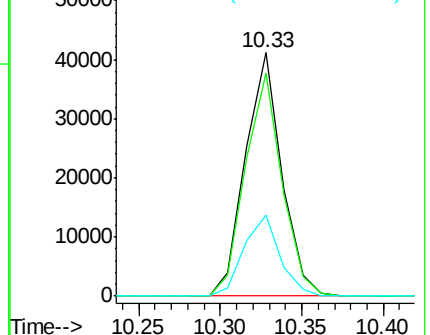
145 33.1 27.9 41.9

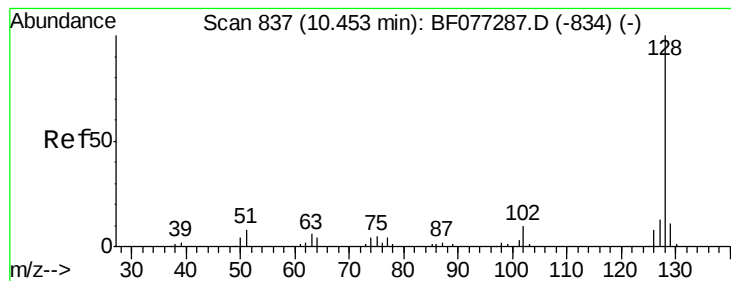


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 41.01 ng

RT: 10.45 min Scan# 837

Delta R.T. 0.00 min

Lab File: BF077293.D

Acq: 12 Feb 2015 20:34

Instrument :

BNA_F

ClientSampleId :

PB81726BS

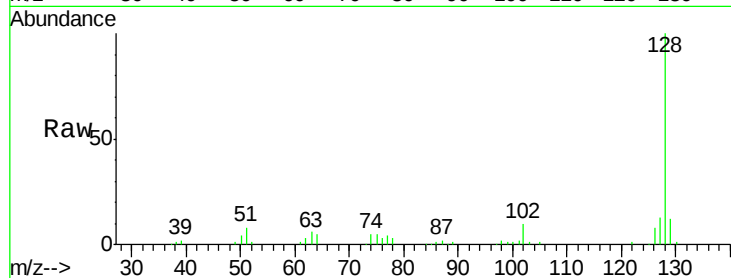
Tgt Ion:128 Resp: 212357

Ion Ratio Lower Upper

128 100

129 11.6 9.0 13.6

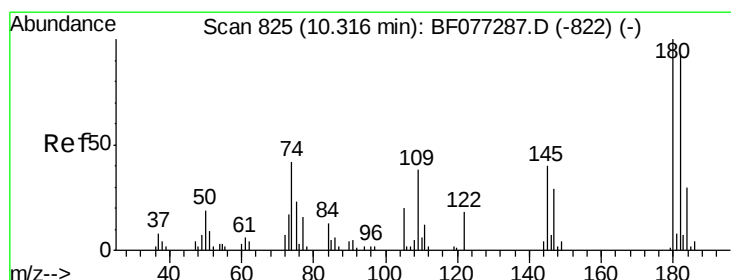
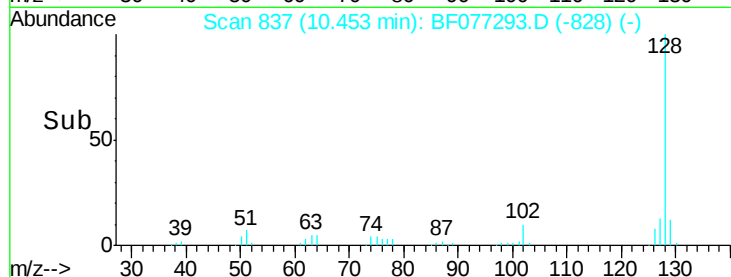
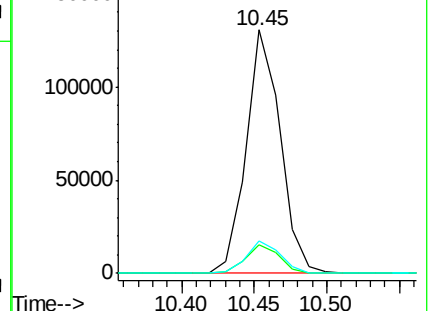
127 13.3 10.4 15.6



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: 38.51 ng

RT: 10.32 min Scan# 825

Delta R.T. 0.00 min

Lab File: BF077293.D

Acq: 12 Feb 2015 20:34

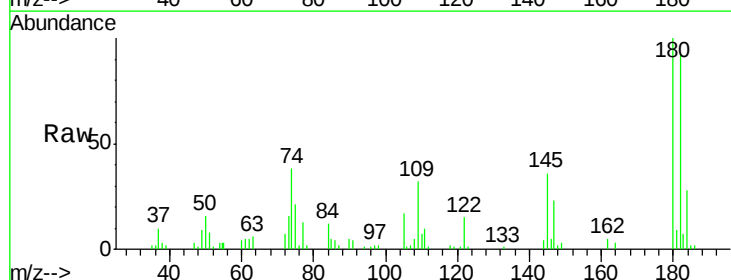
Tgt Ion:122 Resp: 8691

Ion Ratio Lower Upper

122 100

105 115.6 93.4 133.4

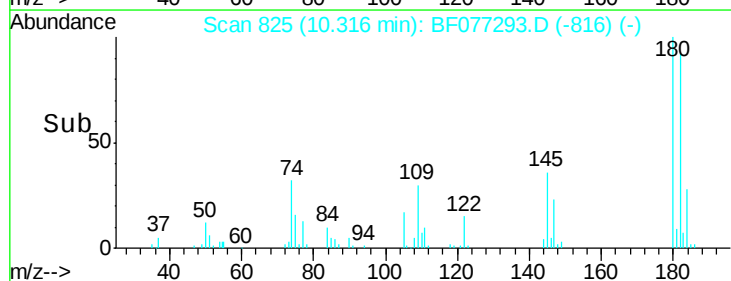
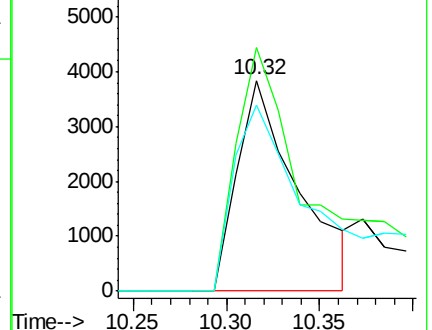
77 88.0 72.6 112.6

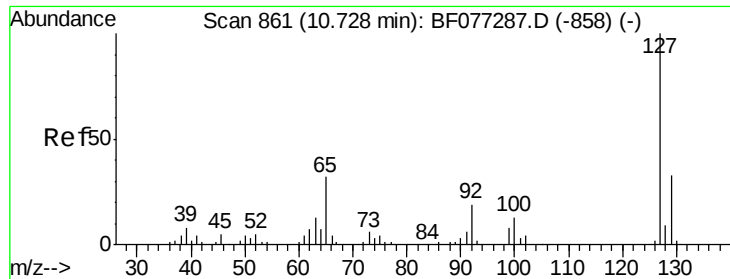


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

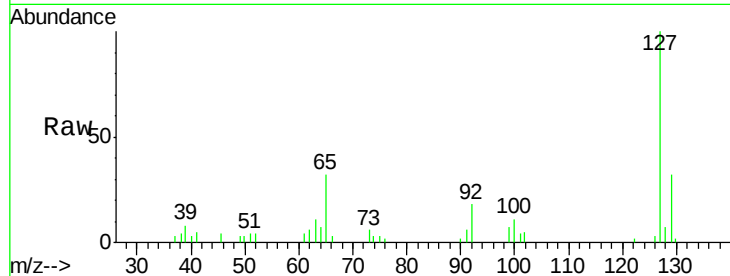




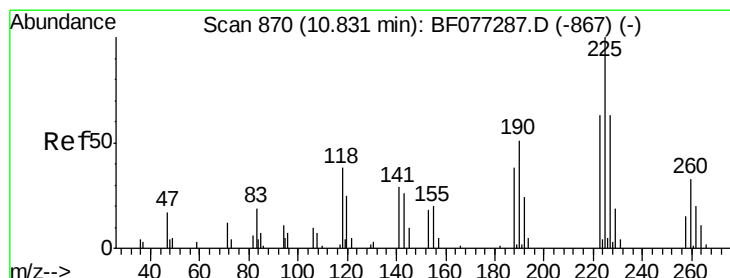
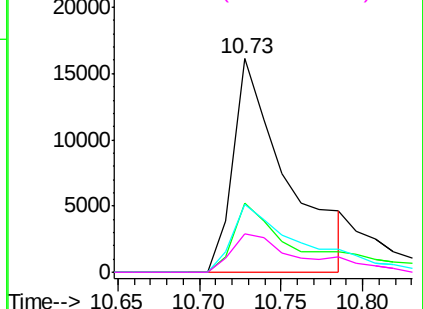
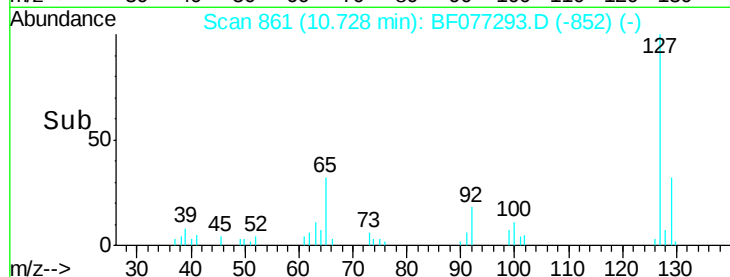
#33
4-Chloroaniline
Concen: 17.61 ng
RT: 10.73 min Scan# 861
Delta R.T. 0.00 min
Lab File: BF077293.D
Acq: 12 Feb 2015 20:34

Instrument :
BNA_F
ClientSampleId :
PB81726BS

Tgt Ion:	127	Resp:	36790
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.0	39.0
65	31.9	25.6	38.4
92	18.3	15.1	22.7

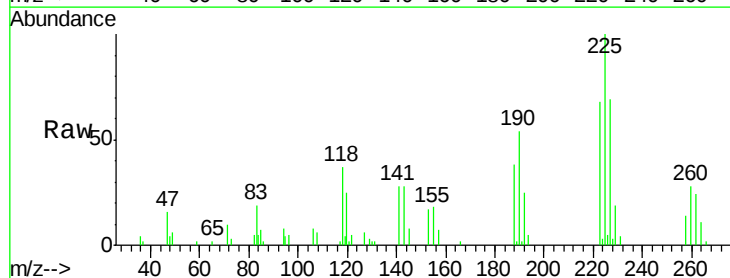


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

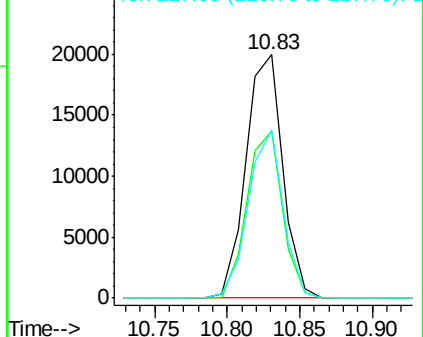
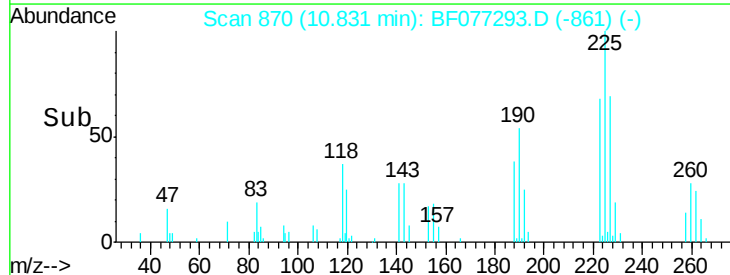


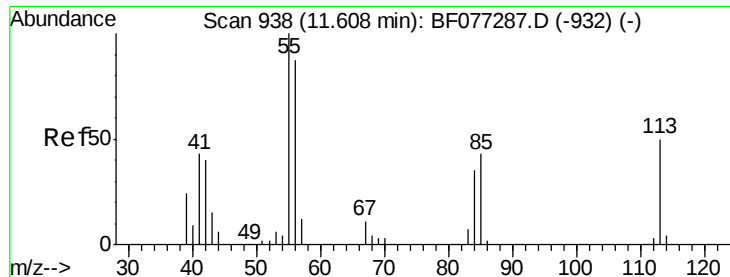
#34
Hexachlorobutadiene
Concen: 40.09 ng
RT: 10.83 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF077293.D
Acq: 12 Feb 2015 20:34

Tgt Ion:	225	Resp:	35010
Ion	Ratio	Lower	Upper
225	100		
223	68.3	50.2	75.4
227	69.0	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

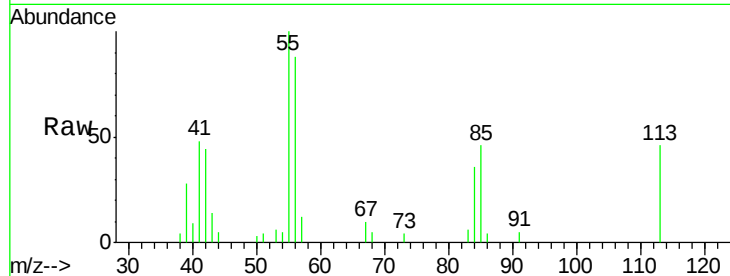




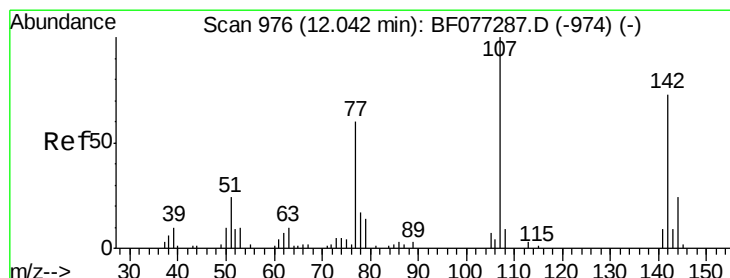
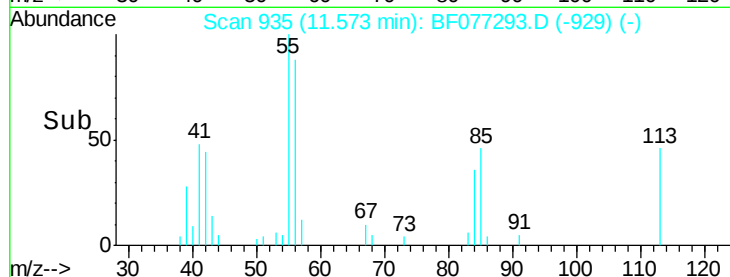
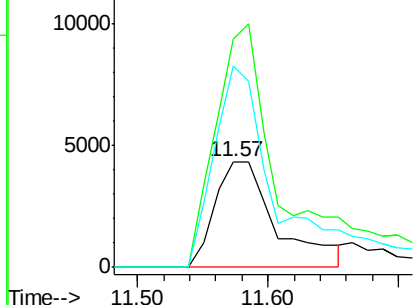
#35
 Caprolactam
 Concen: 35.42 ng
 RT: 11.57 min Scan# 935
 Delta R.T. -0.03 min
 Lab File: BF077293.D
 Acq: 12 Feb 2015 20:34

Instrument :
 BNA_F
 ClientSampleId :
 PB81726BS

Tgt Ion:113 Resp: 14239
 Ion Ratio Lower Upper
 113 100
 55 216.4 178.4 218.4
 56 190.2 152.8 192.8

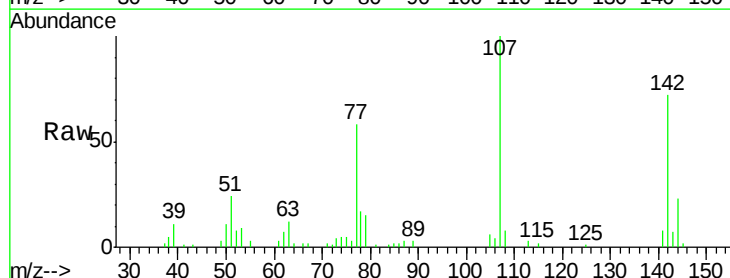


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

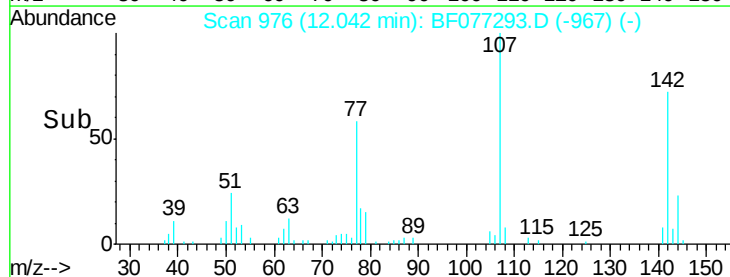
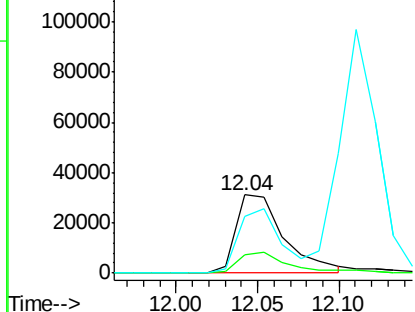


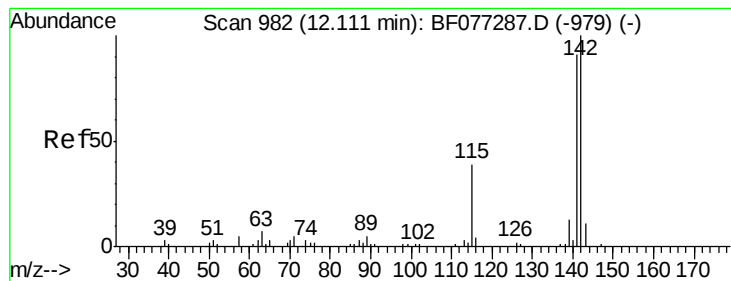
#36
 4-Chloro-3-methylphenol
 Concen: 42.13 ng
 RT: 12.04 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: BF077293.D
 Acq: 12 Feb 2015 20:34

Tgt Ion:107 Resp: 64069
 Ion Ratio Lower Upper
 107 100
 144 23.5 19.2 28.8
 142 72.2 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: 40.12 ng

RT: 12.11 min Scan# 982

Delta R.T. 0.00 min

Lab File: BF077293.D

Acq: 12 Feb 2015 20:34

Instrument :

BNA_F

ClientSampleId :

PB81726BS

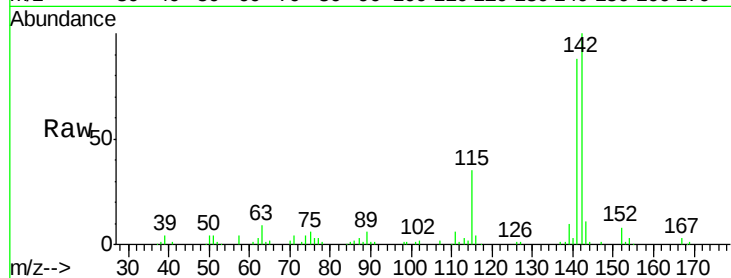
Tgt Ion:142 Resp: 155741

Ion Ratio Lower Upper

142 100

141 88.0 69.8 104.6

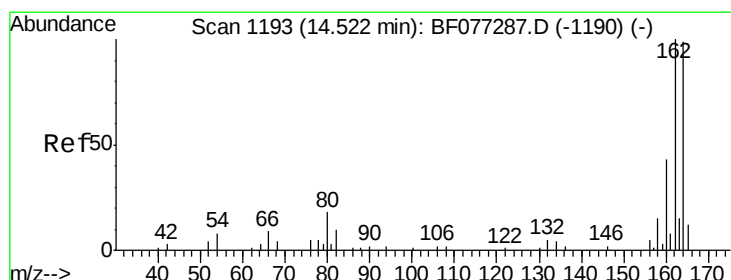
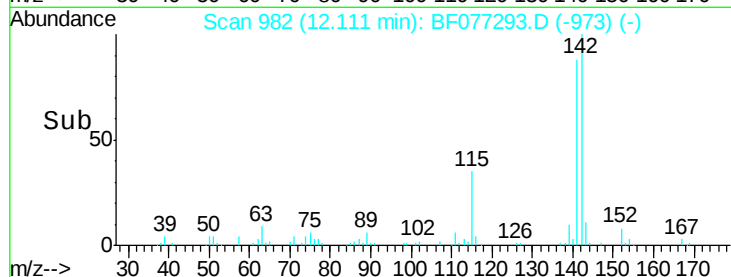
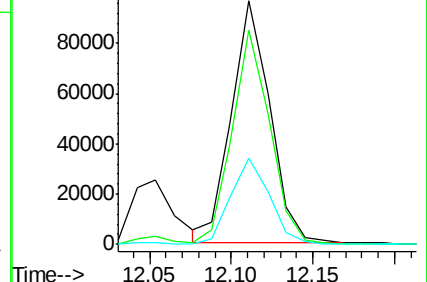
115 35.2 29.5 44.3



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: BF077293.D

Acq: 12 Feb 2015 20:34

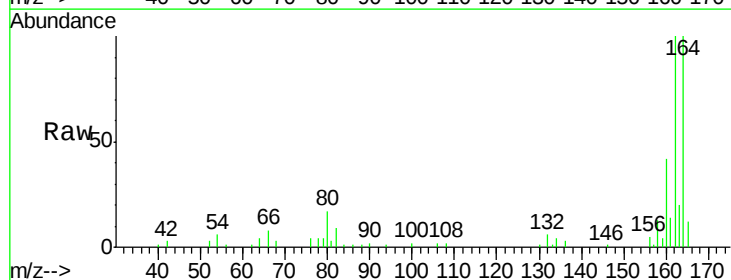
Tgt Ion:164 Resp: 52025

Ion Ratio Lower Upper

164 100

162 99.9 81.0 121.4

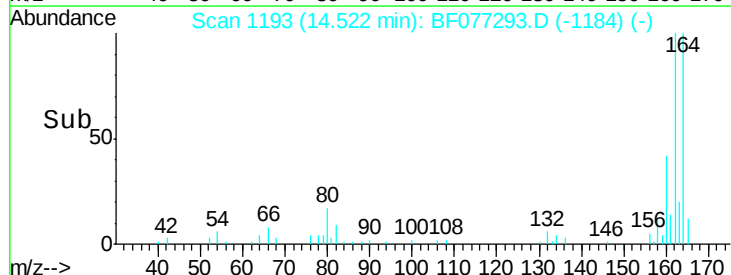
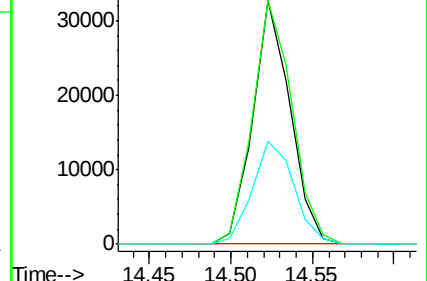
160 42.1 35.2 52.8

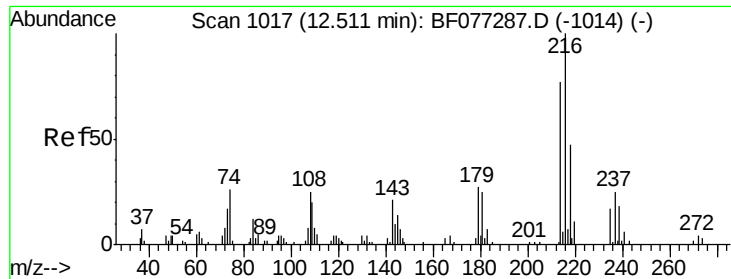


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

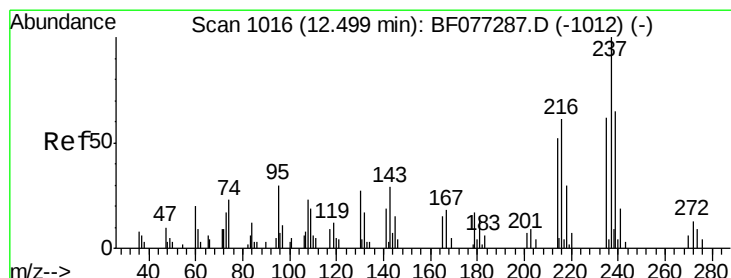
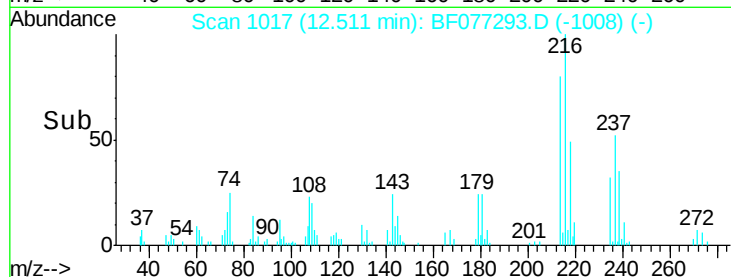
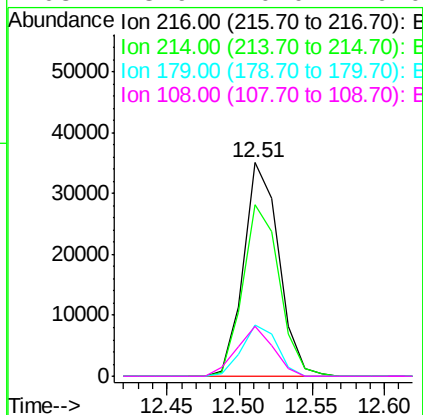
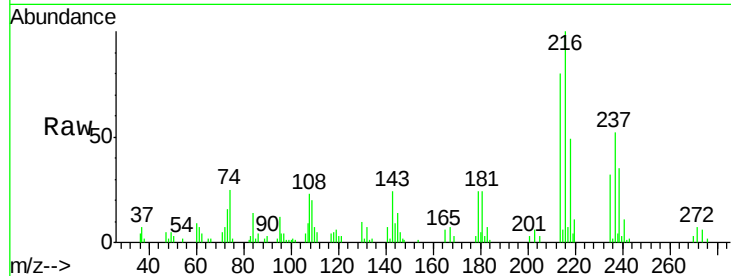




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.27 ng
 RT: 12.51 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: BF077293.D
 Acq: 12 Feb 2015 20:34

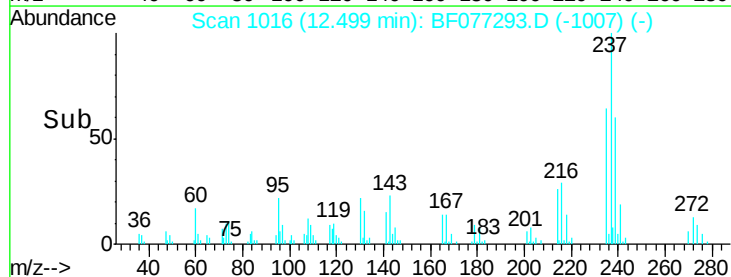
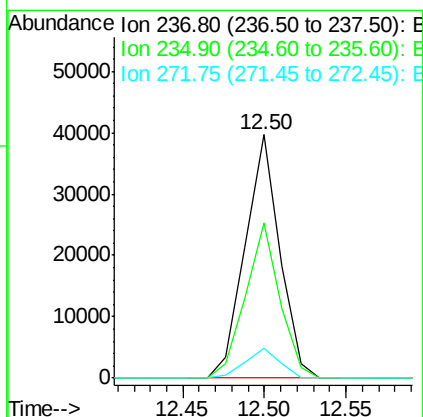
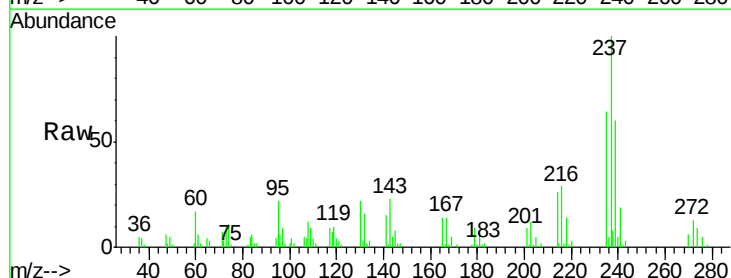
Instrument :
 BNA_F
 ClientSampleId :
 PB81726BS

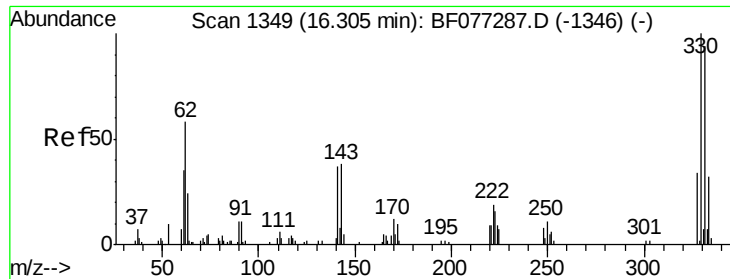
Tgt Ion:	216	Resp:	59274
Ion	Ratio	Lower	Upper
216	100		
214	82.7	0.0	0.0#
179	23.9	0.0	0.0#
108	23.9	0.0	0.0#



#40
 Hexachlorocyclopentadiene
 Concen: 89.28 ng
 RT: 12.50 min Scan# 1016
 Delta R.T. 0.00 min
 Lab File: BF077293.D
 Acq: 12 Feb 2015 20:34

Tgt Ion:	237	Resp:	58223
Ion	Ratio	Lower	Upper
237	100		
235	63.5	42.0	82.0
272	12.5	0.0	33.3

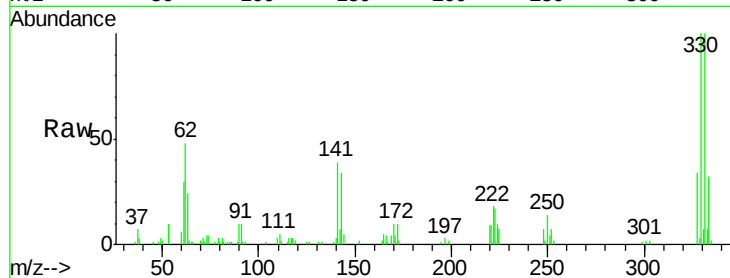




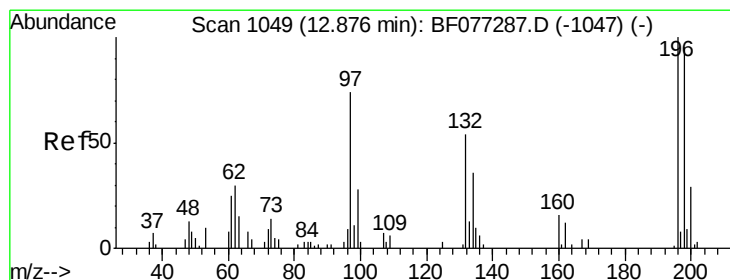
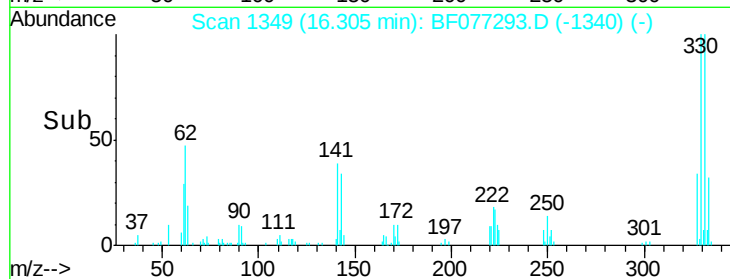
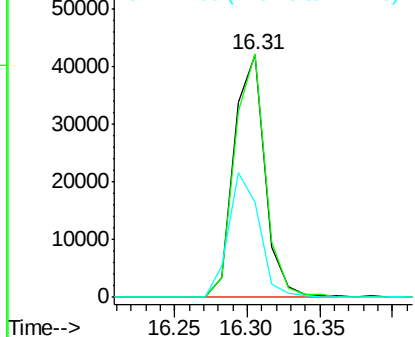
#41
 2,4,6-Tribromophenol
 Concen: 147.55 ng
 RT: 16.31 min Scan# 1349
 Delta R.T. 0.00 min
 Lab File: BF077293.D
 Acq: 12 Feb 2015 20:34

Instrument :
 BNA_F
 ClientSampled :
 PB81726BS

Tgt Ion:330 Resp: 62597
 Ion Ratio Lower Upper
 330 100
 332 98.9 0.0 0.0#
 141 51.3 0.0 0.0#

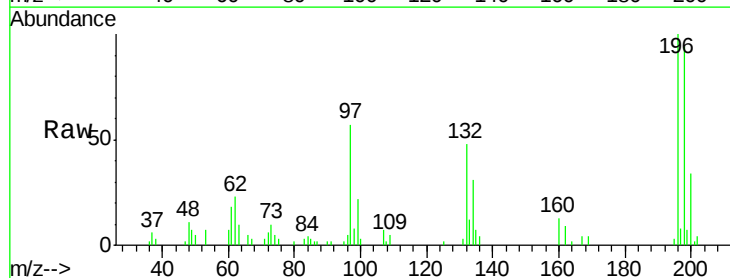


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

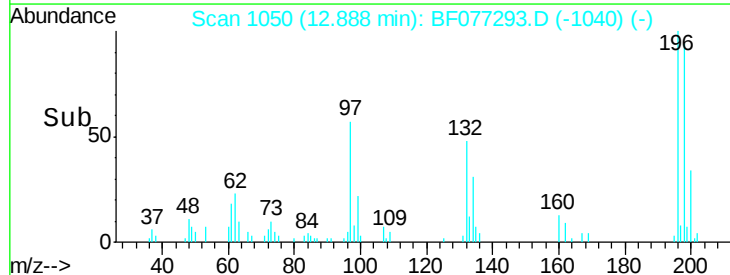
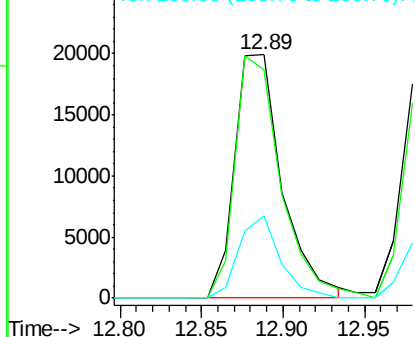


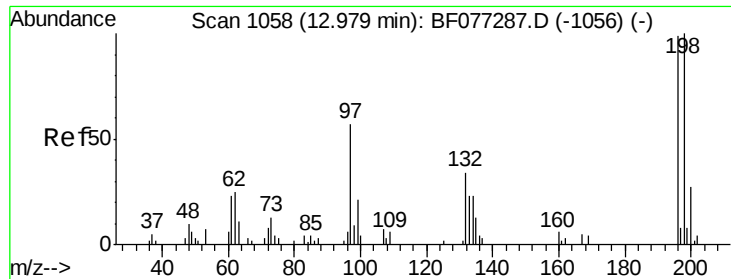
#42
 2,4,6-Trichlorophenol
 Concen: 46.72 ng
 RT: 12.89 min Scan# 1050
 Delta R.T. 0.01 min
 Lab File: BF077293.D
 Acq: 12 Feb 2015 20:34

Tgt Ion:196 Resp: 40250
 Ion Ratio Lower Upper
 196 100
 198 93.9 75.8 113.8
 200 33.9 23.3 34.9



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

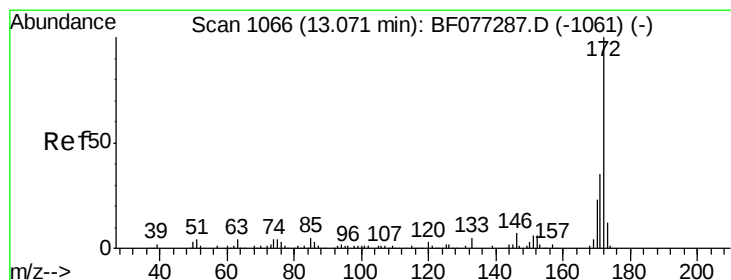
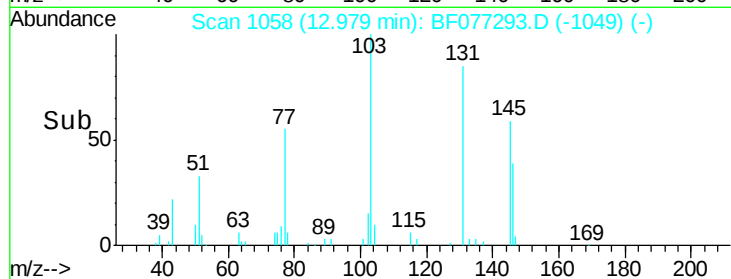
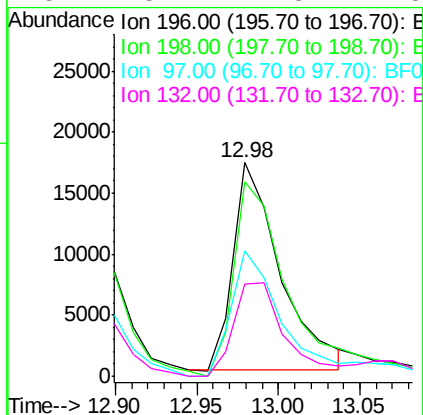
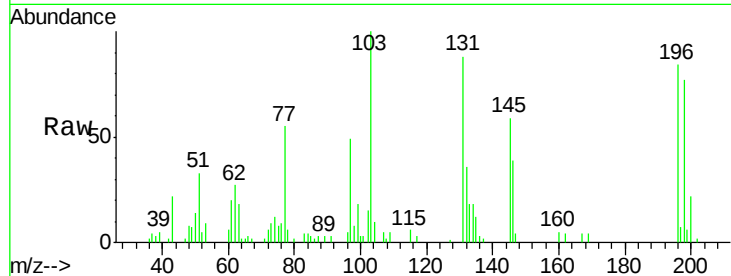




#43
 2,4,5-Trichlorophenol
 Concen: 40.42 ng
 RT: 12.98 min Scan# 1058
 Delta R.T. 0.00 min
 Lab File: BF077293.D
 Acq: 12 Feb 2015 20:34

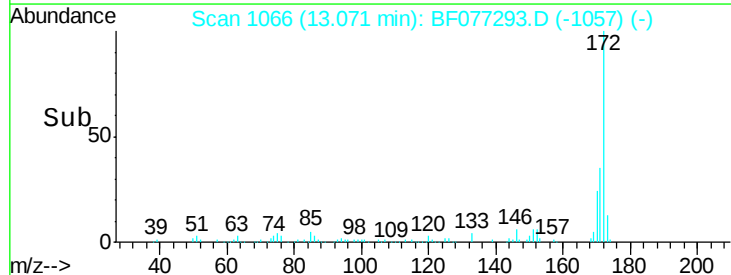
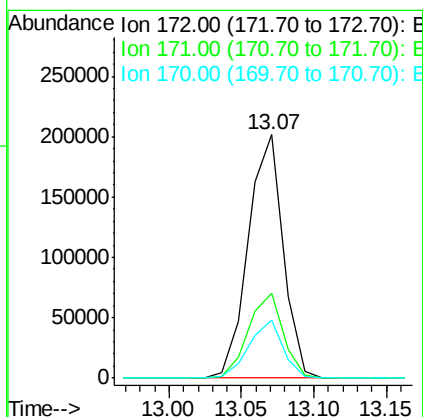
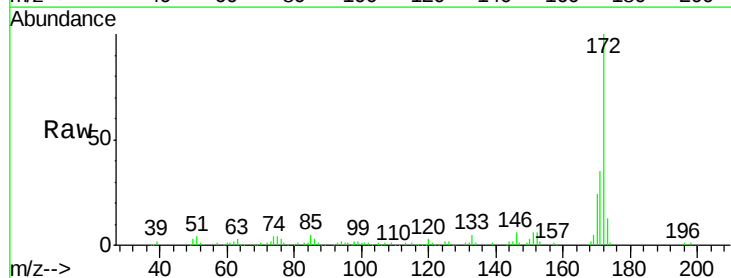
Instrument :
 BNA_F
 ClientSampleId :
 PB81726BS

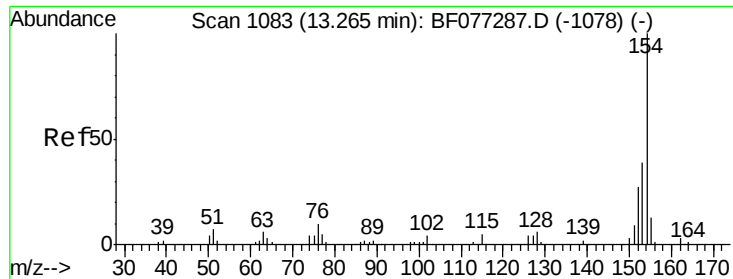
Tgt Ion:196 Resp: 34102
 Ion Ratio Lower Upper
 196 100
 198 91.3 82.6 123.8
 97 58.9 47.3 70.9
 132 43.4 27.8 41.8#



#44
 2-Fluorobiphenyl
 Concen: 96.93 ng
 RT: 13.07 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: BF077293.D
 Acq: 12 Feb 2015 20:34

Tgt Ion:172 Resp: 335042
 Ion Ratio Lower Upper
 172 100
 171 34.6 27.8 41.8
 170 23.8 18.3 27.5

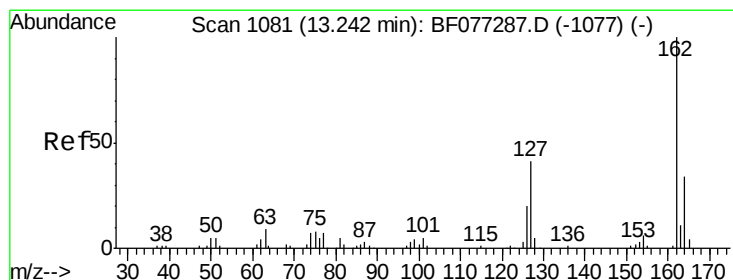
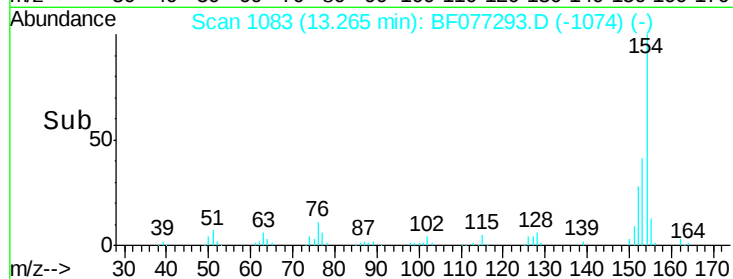
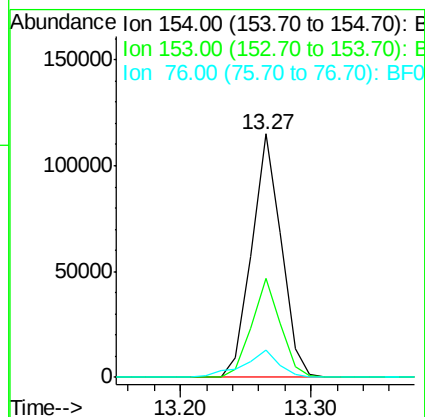
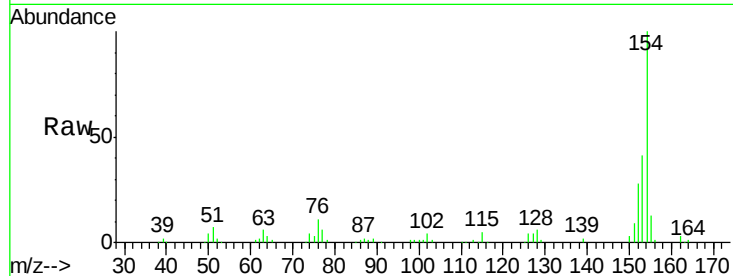




#45
 1,1'-Biphenyl
 Concen: 45.55 ng
 RT: 13.27 min Scan# 1083
 Delta R.T. 0.00 min
 Lab File: BF077293.D
 Acq: 12 Feb 2015 20:34

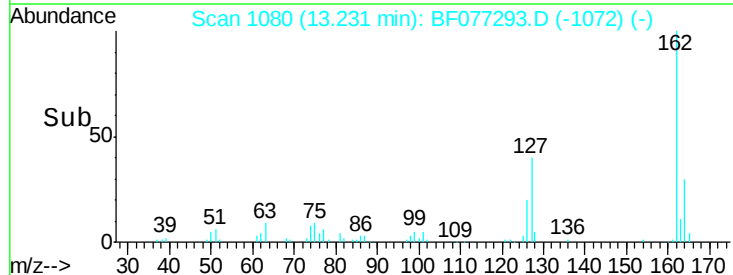
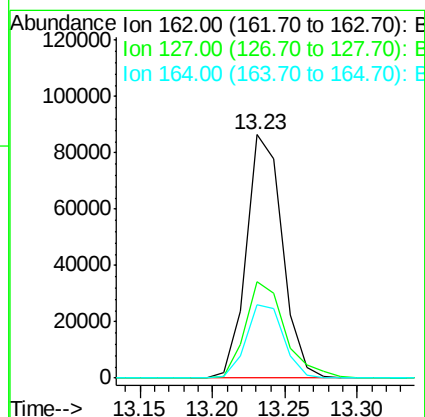
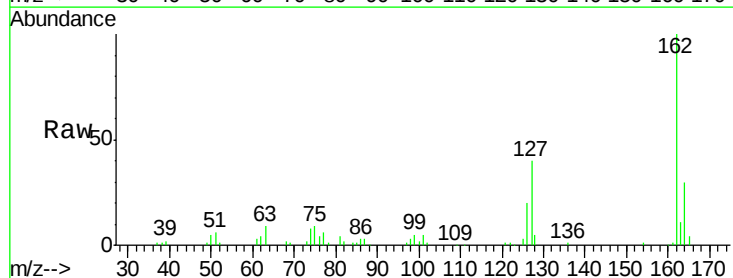
Instrument :
 BNA_F
 ClientSampleId :
 PB81726BS

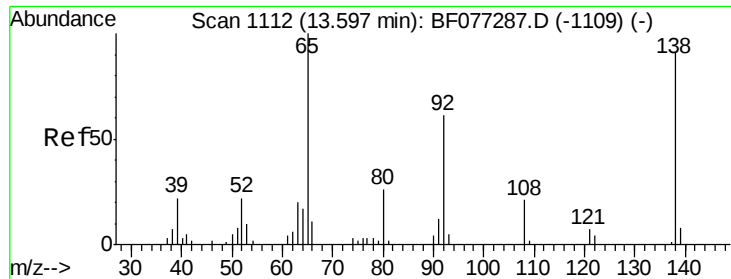
Tgt Ion:	154	Resp:	182600
Ion	Ratio	Lower	Upper
154	100		
153	40.6	18.9	58.9
76	11.2	0.0	30.4



#46
 2-Chloronaphthalene
 Concen: 46.37 ng
 RT: 13.23 min Scan# 1080
 Delta R.T. -0.01 min
 Lab File: BF077293.D
 Acq: 12 Feb 2015 20:34

Tgt Ion:	162	Resp:	148456
Ion	Ratio	Lower	Upper
162	100		
127	39.8	32.6	48.8
164	30.4	27.0	40.6

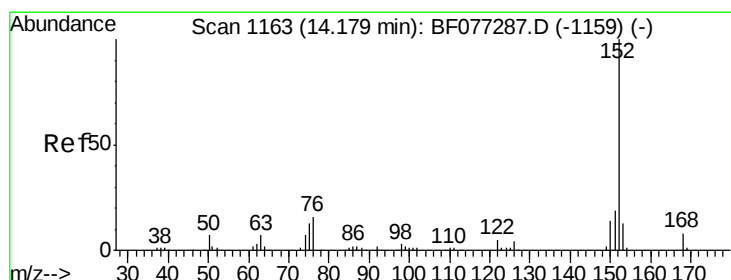
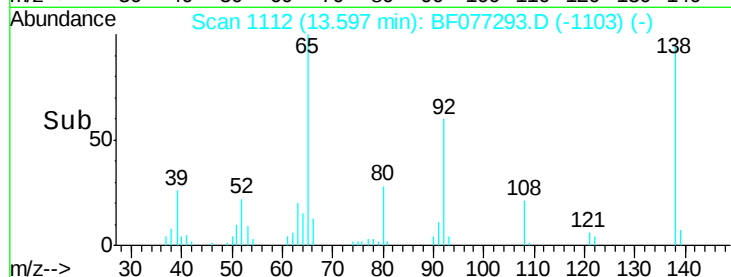
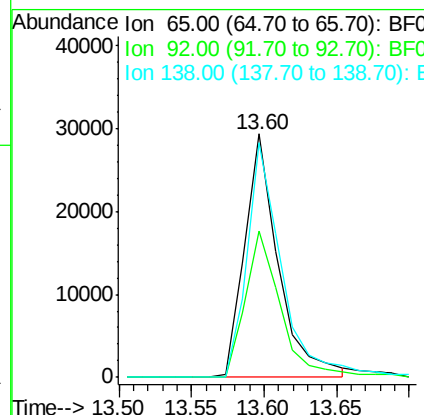
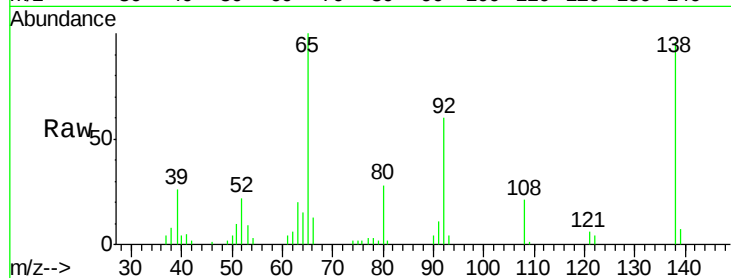




#47
2-Nitroaniline
Concen: 50.80 ng
RT: 13.60 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BF077293.D
Acq: 12 Feb 2015 20:34

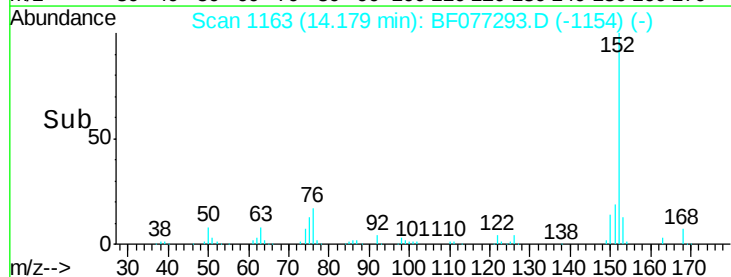
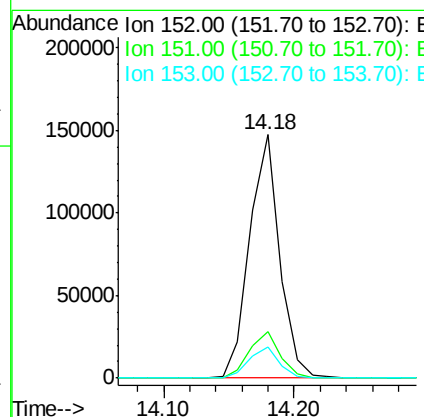
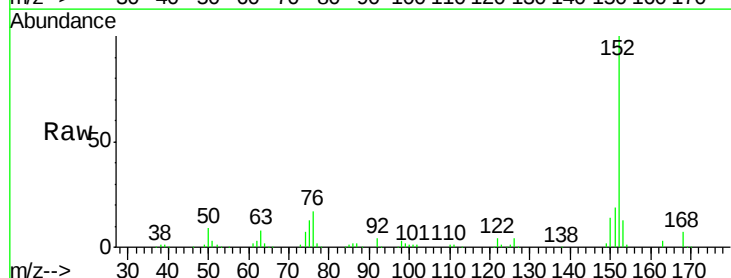
Instrument :
BNA_F
ClientSampleId :
PB81726BS

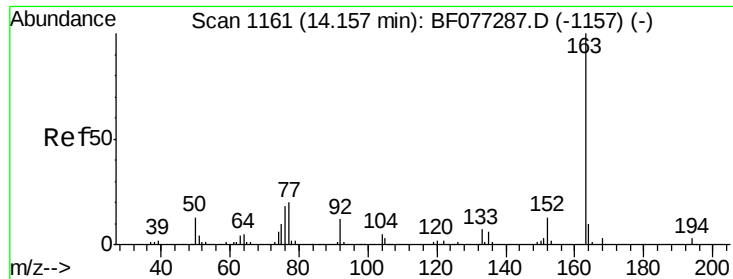
Tgt Ion: 65 Resp: 47524
Ion Ratio Lower Upper
65 100
92 60.3 48.7 73.1
138 96.5 72.5 108.7



#48
Acenaphthylene
Concen: 46.70 ng
RT: 14.18 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BF077293.D
Acq: 12 Feb 2015 20:34

Tgt Ion: 152 Resp: 235900
Ion Ratio Lower Upper
152 100
151 19.0 15.3 22.9
153 12.9 10.2 15.2

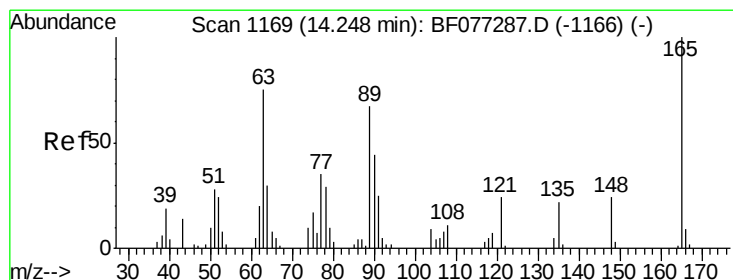
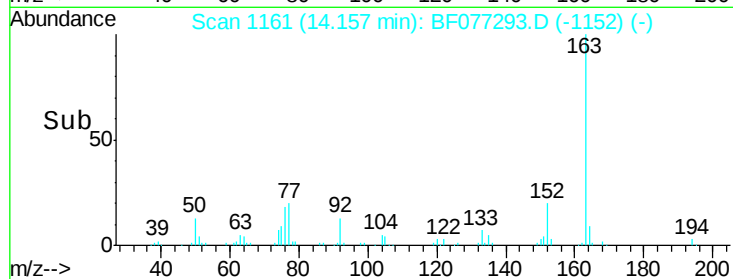
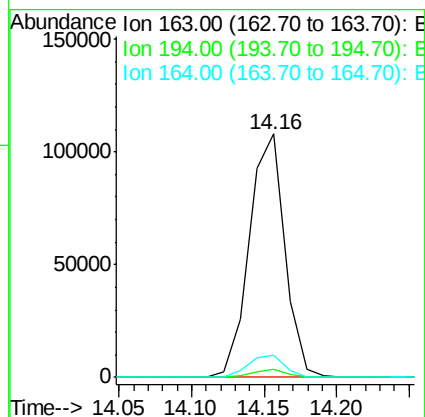
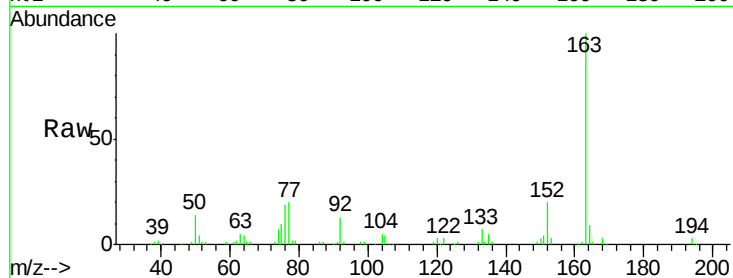




#49
Dimethylphthalate
Concen: 48.69 ng
RT: 14.16 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF077293.D
Acq: 12 Feb 2015 20:34

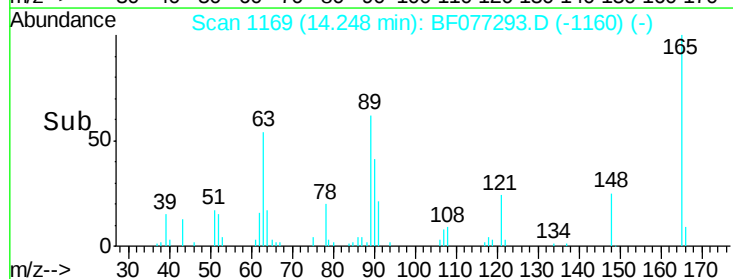
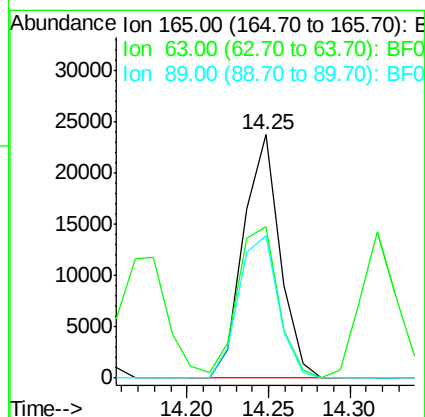
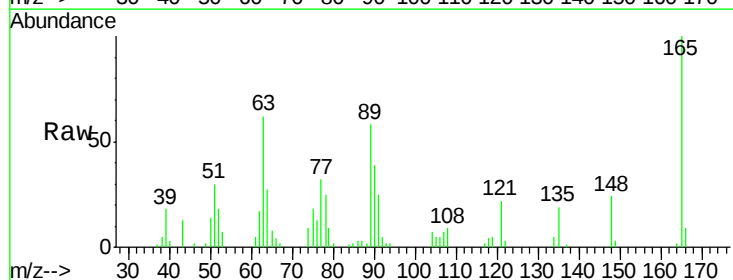
Instrument :
BNA_F
ClientSampleId :
PB81726BS

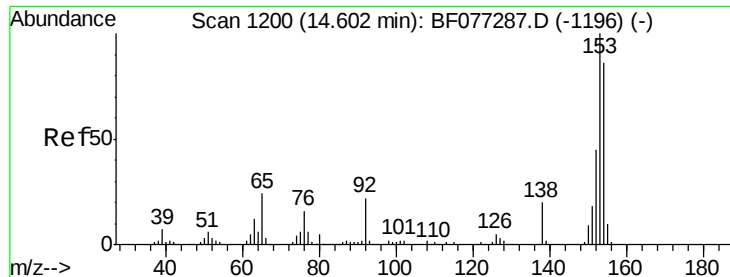
Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.3	3.5
164	8.9	7.6	11.4



#50
2,6-Dinitrotoluene
Concen: 50.62 ng
RT: 14.25 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BF077293.D
Acq: 12 Feb 2015 20:34

Tgt Ion	Ratio	Lower	Upper
165	100		
63	62.1	61.2	91.8
89	58.4	53.7	80.5





#51

Acenaphthene

Concen: 45.08 ng

RT: 14.60 min Scan# 1200

Delta R.T. 0.00 min

Lab File: BF077293.D

Acq: 12 Feb 2015 20:34

Instrument :

BNA_F

ClientSampleId :

PB81726BS

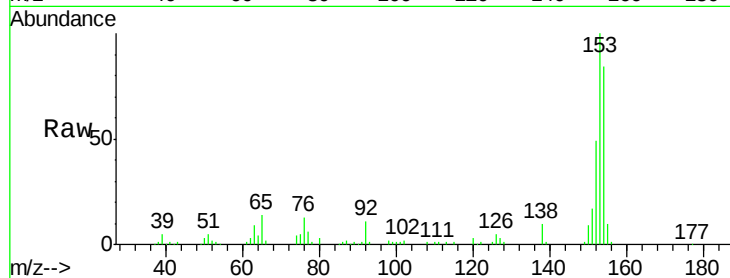
Tgt Ion:154 Resp: 131872

Ion Ratio Lower Upper

154 100

153 119.1 92.5 138.7

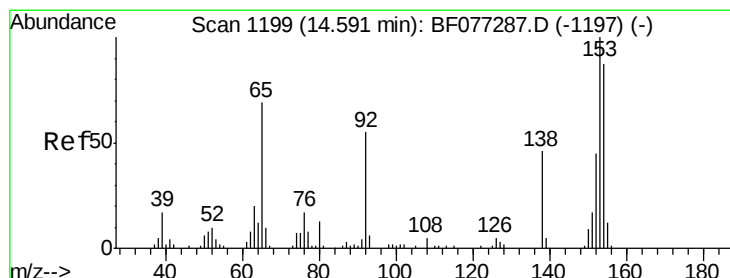
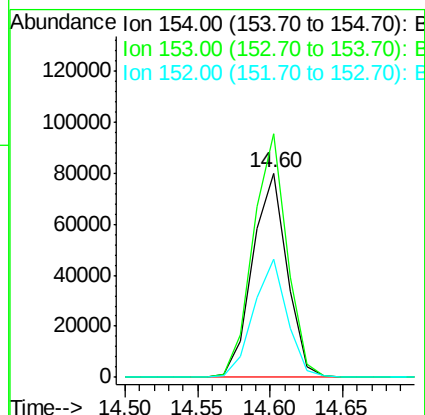
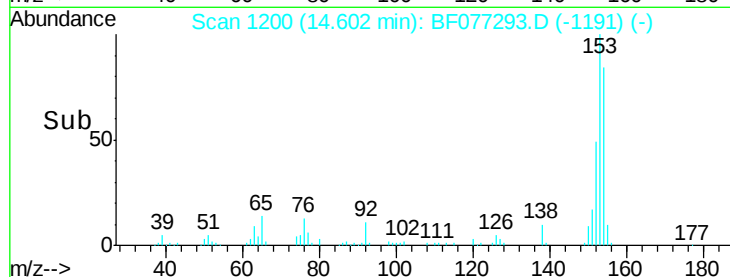
152 57.8 42.1 63.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 23.57 ng

RT: 14.60 min Scan# 1200

Delta R.T. 0.01 min

Lab File: BF077293.D

Acq: 12 Feb 2015 20:34

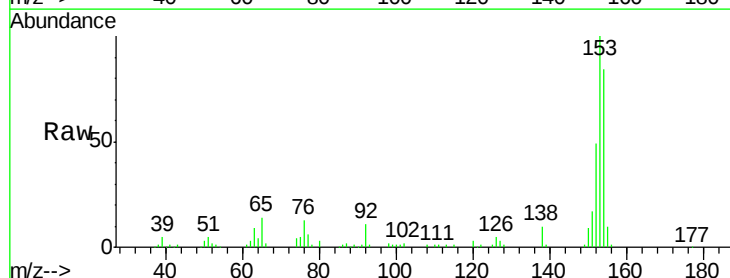
Tgt Ion:138 Resp: 20971

Ion Ratio Lower Upper

138 100

108 12.2 9.5 14.3

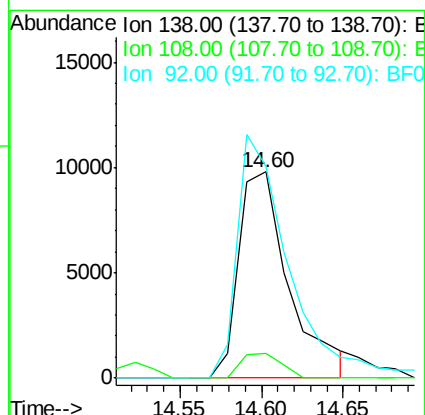
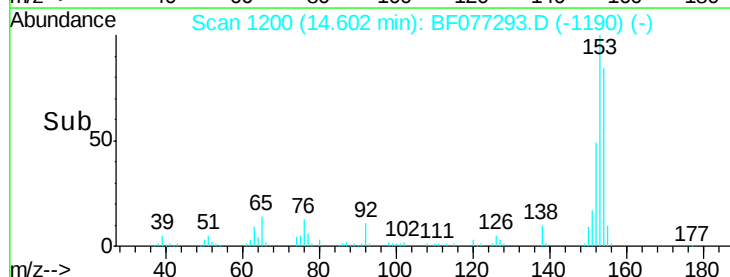
92 102.8 95.8 143.6

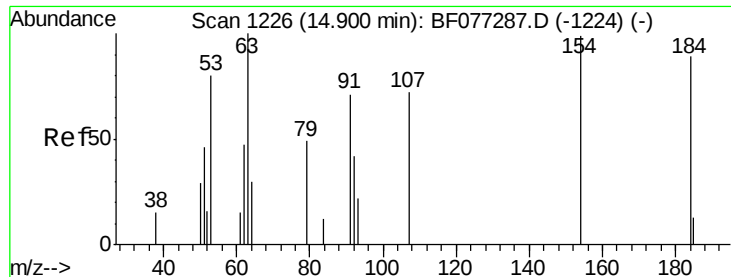


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

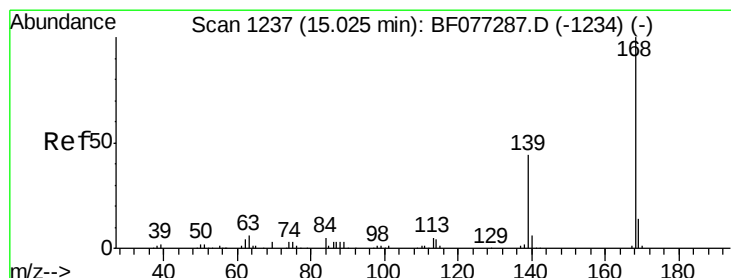
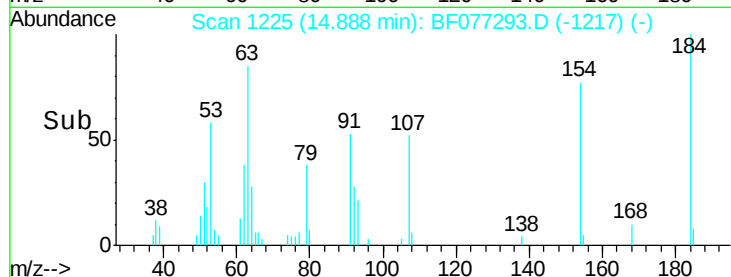
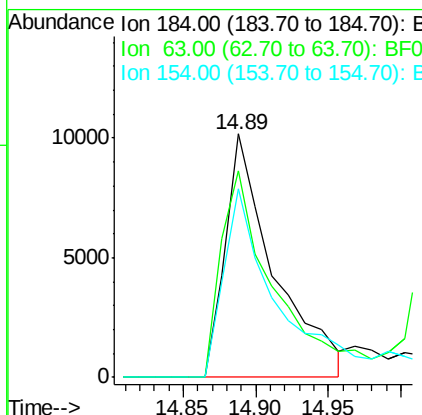
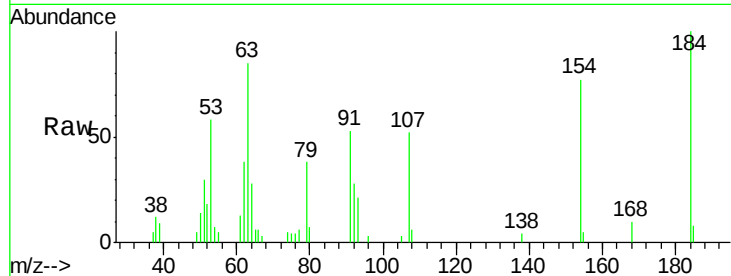




#53
2,4-Dinitrophenol
Concen: 87.40 ng
RT: 14.89 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF077293.D
Acq: 12 Feb 2015 20:34

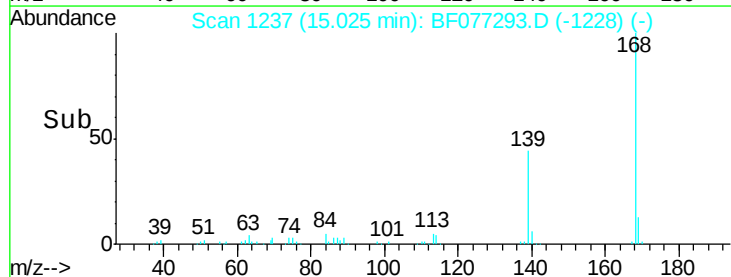
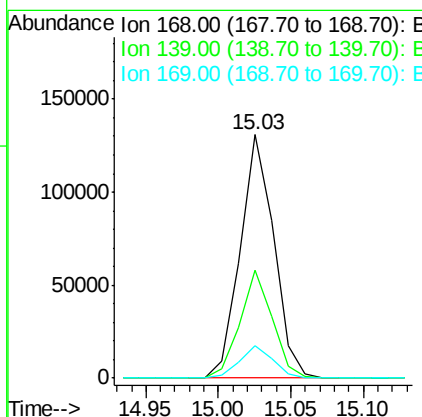
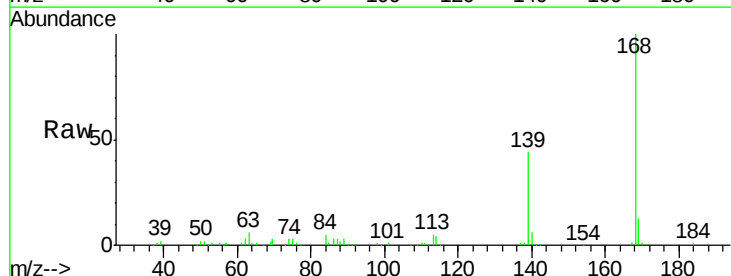
Instrument :
BNA_F
ClientSampleId :
PB81726BS

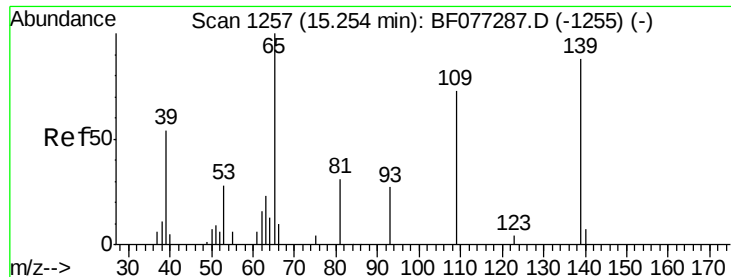
Tgt Ion:184 Resp: 23764
Ion Ratio Lower Upper
184 100
63 85.0 90.2 135.4#
154 77.5 89.7 134.5#



#54
Dibenzofuran
Concen: 46.51 ng
RT: 15.03 min Scan# 1237
Delta R.T. 0.00 min
Lab File: BF077293.D
Acq: 12 Feb 2015 20:34

Tgt Ion:168 Resp: 210380
Ion Ratio Lower Upper
168 100
139 44.4 35.6 53.4
169 13.1 10.9 16.3





#55

4-Nitrophenol

Concen: 94.01 ng

RT: 15.23 min Scan# 1255

Delta R.T. -0.02 min

Lab File: BF077293.D

Acq: 12 Feb 2015 20:34

Instrument :

BNA_F

ClientSampleId :

PB81726BS

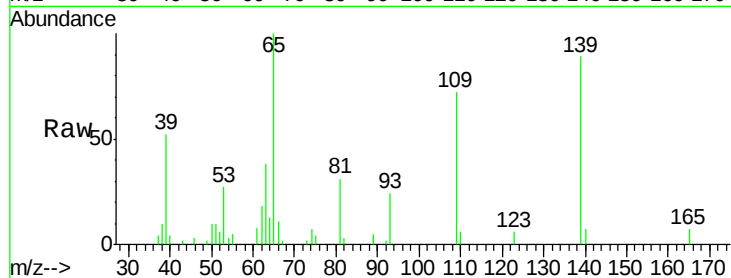
Tgt Ion:139 Resp: 40713

Ion Ratio Lower Upper

139 100

109 81.3 62.7 102.7

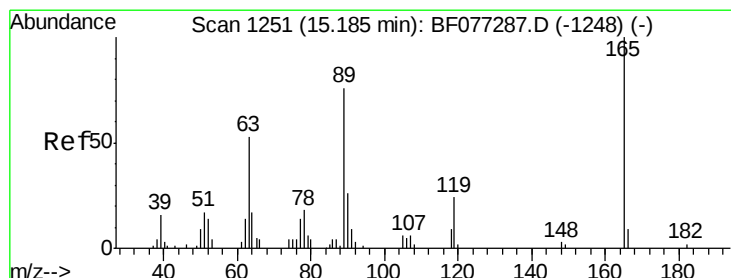
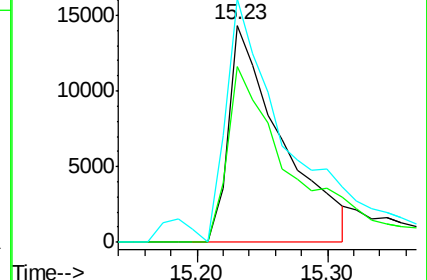
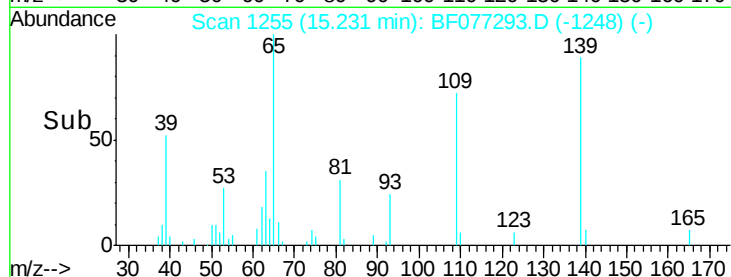
65 112.3 93.5 133.5



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 49.52 ng

RT: 15.19 min Scan# 1251

Delta R.T. 0.00 min

Lab File: BF077293.D

Acq: 12 Feb 2015 20:34

Tgt Ion:165 Resp: 51522

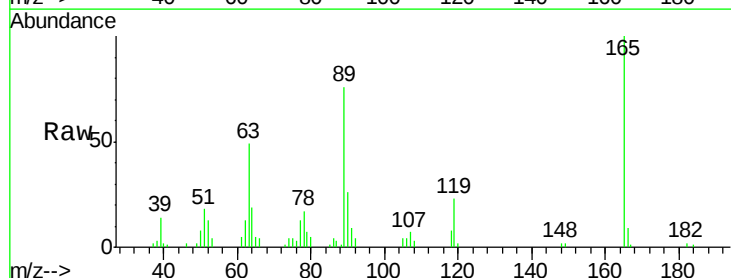
Ion Ratio Lower Upper

165 100

63 49.1 42.4 63.6

89 75.7 61.1 91.7

182 2.5 1.9 2.9

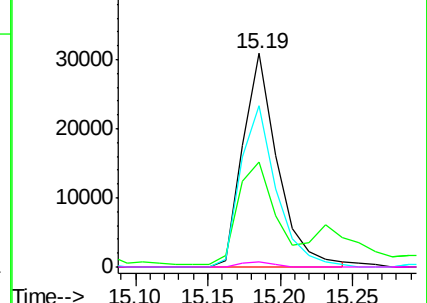
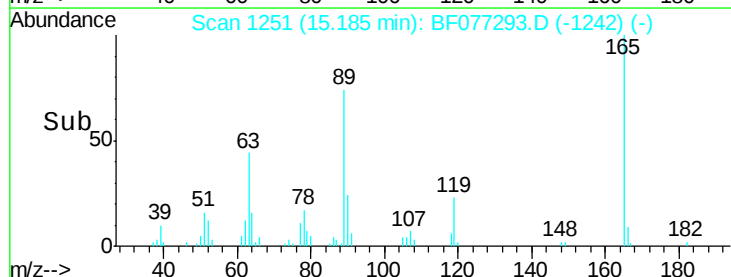


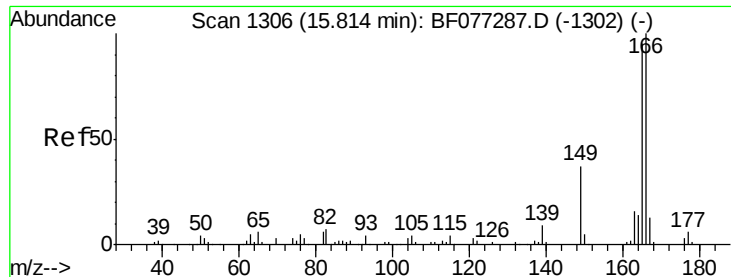
Abundance Ion 165.00 (164.70 to 165.70): E

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

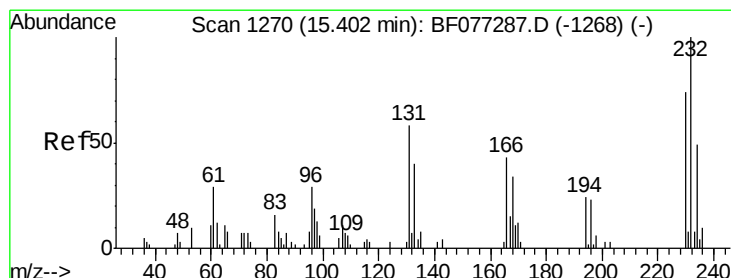
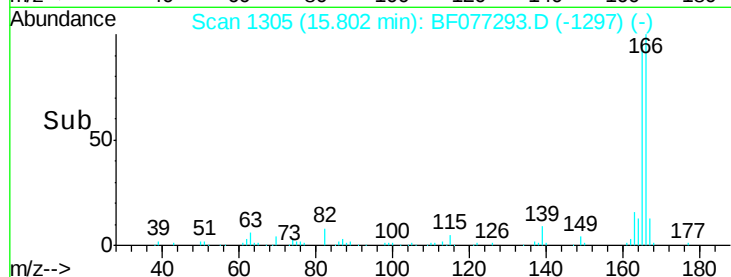
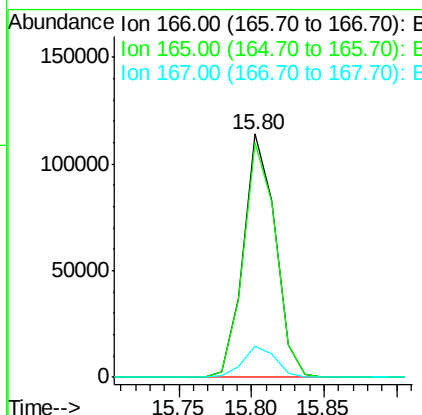
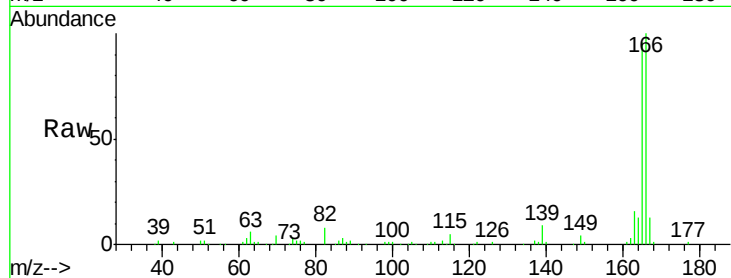




#57
 Fluorene
 Concen: 46.93 ng
 RT: 15.80 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF077293.D
 Acq: 12 Feb 2015 20:34

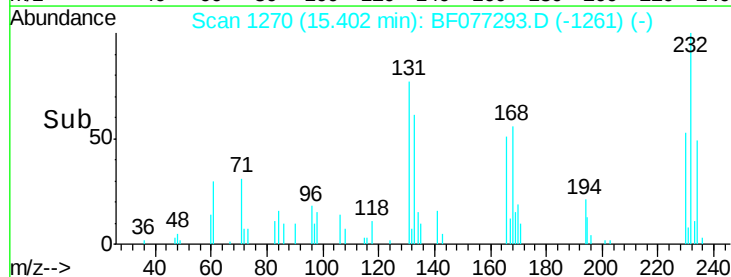
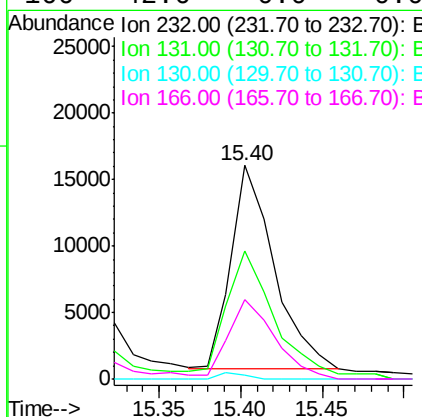
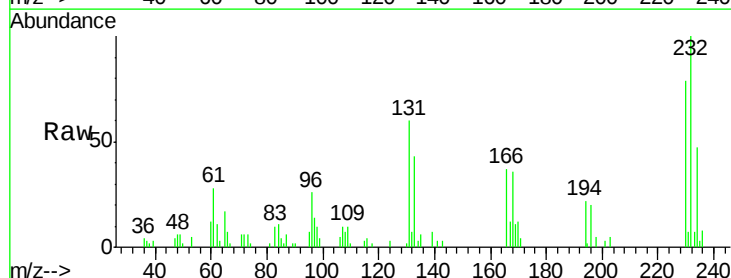
Instrument :
 BNA_F
 ClientSampleId :
 PB81726BS

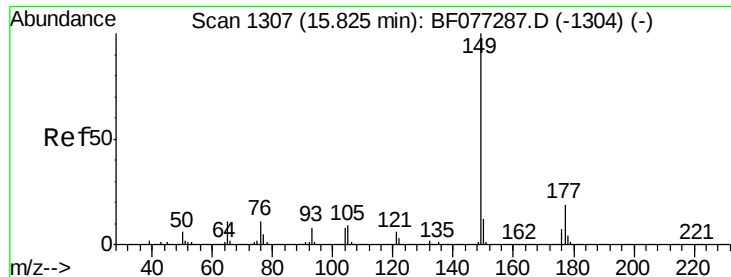
Tgt Ion:166 Resp: 173812
 Ion Ratio Lower Upper
 166 100
 165 96.5 75.9 113.9
 167 12.8 10.2 15.4



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.82 ng
 RT: 15.40 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: BF077293.D
 Acq: 12 Feb 2015 20:34

Tgt Ion:232 Resp: 27800
 Ion Ratio Lower Upper
 232 100
 131 63.9 0.0 0.0#
 130 1.9 0.0 0.0#
 166 42.6 0.0 0.0#





#59

Diethylphthalate

Concen: 47.85 ng

RT: 15.83 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BF077293.D

Acq: 12 Feb 2015 20:34

Instrument :

BNA_F

ClientSampleId :

PB81726BS

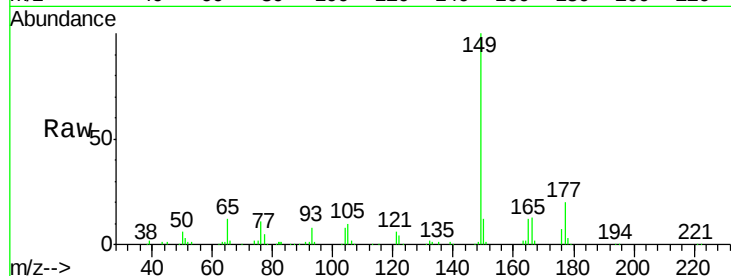
Tgt Ion:149 Resp: 187466

Ion Ratio Lower Upper

149 100

177 19.8 15.0 22.4

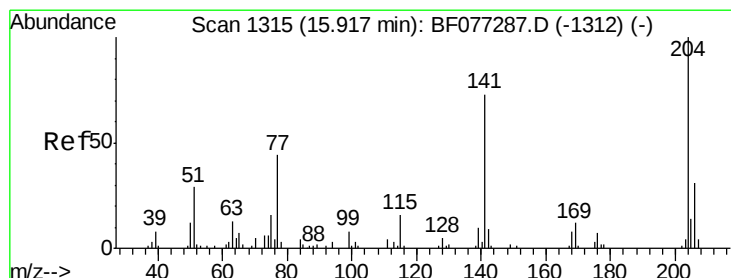
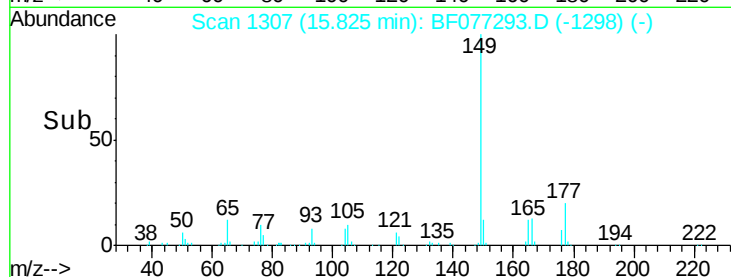
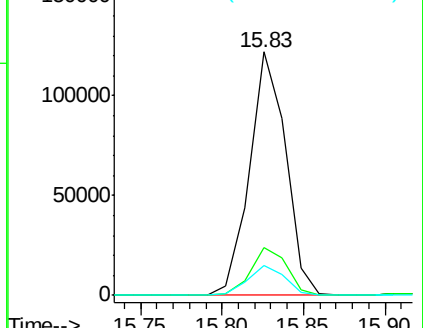
150 12.1 9.4 14.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 48.97 ng

RT: 15.92 min Scan# 1315

Delta R.T. 0.00 min

Lab File: BF077293.D

Acq: 12 Feb 2015 20:34

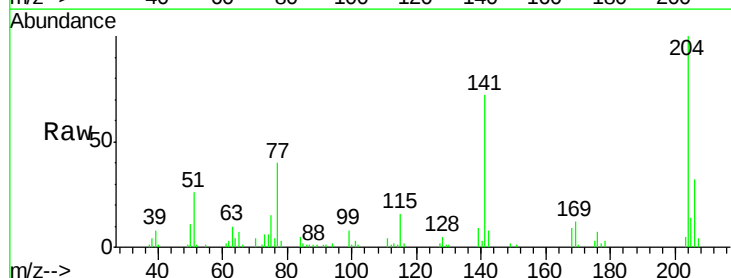
Tgt Ion:204 Resp: 75414

Ion Ratio Lower Upper

204 100

206 32.1 25.0 37.6

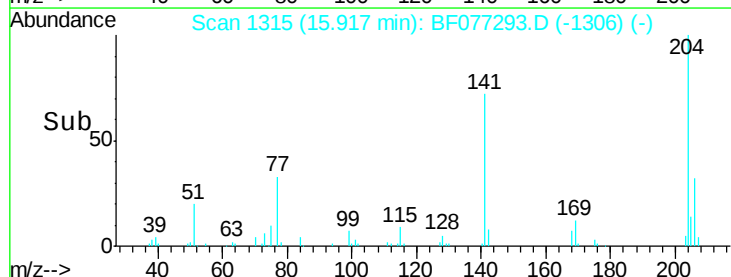
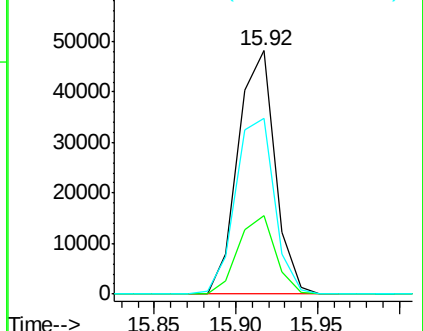
141 72.0 58.6 87.8

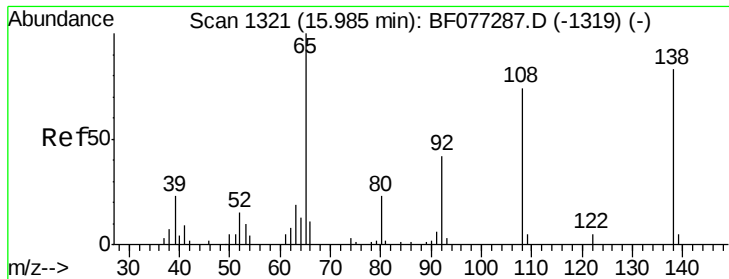


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

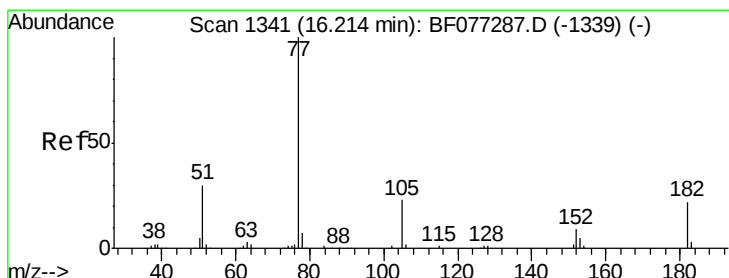
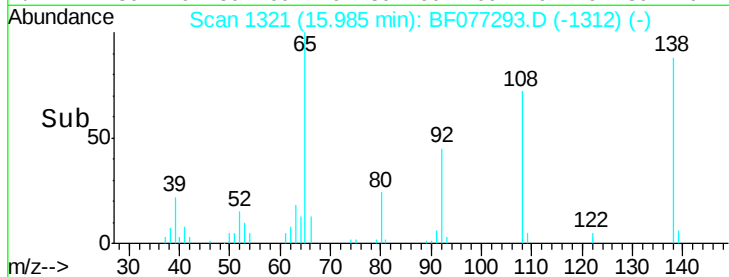
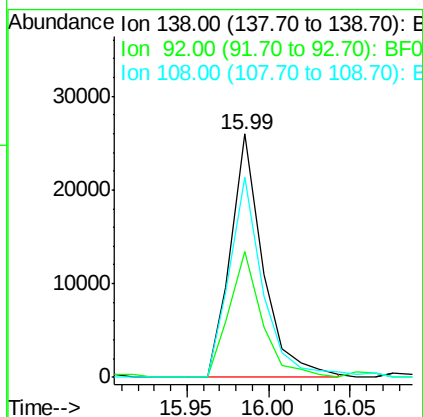
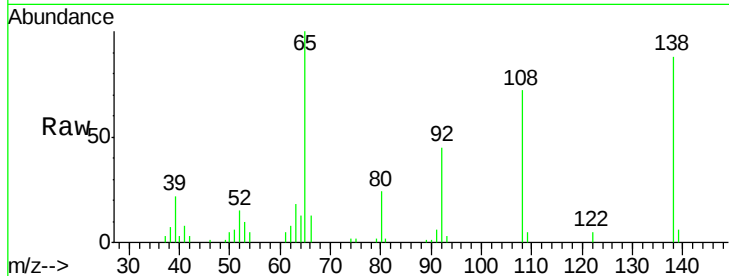




#61
4-Nitroaniline
Concen: 43.28 ng
RT: 15.99 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BF077293.D
Acq: 12 Feb 2015 20:34

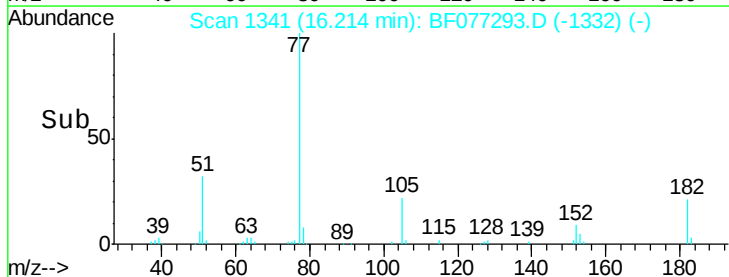
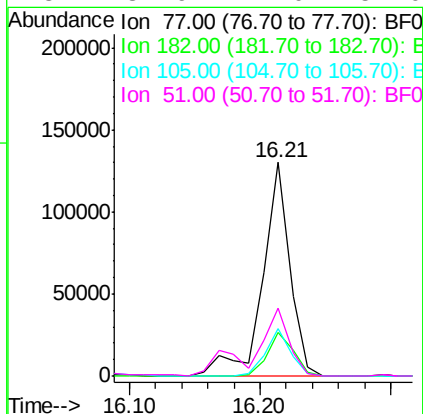
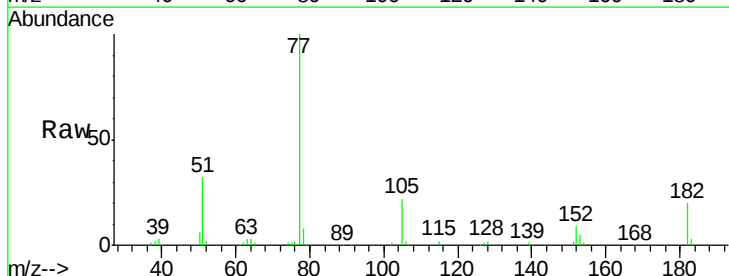
Instrument :
BNA_F
ClientSampleId :
PB81726BS

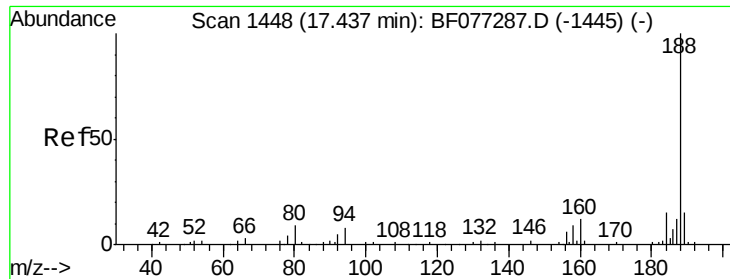
Tgt Ion: 138 Resp: 35923
Ion Ratio Lower Upper
138 100
92 51.7 30.7 70.7
108 81.9 69.7 109.7



#62
Azobenzene
Concen: 51.17 ng
RT: 16.21 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF077293.D
Acq: 12 Feb 2015 20:34

Tgt Ion: 77 Resp: 191217
Ion Ratio Lower Upper
77 100
182 20.4 0.9 40.9
105 22.2 2.2 42.2
51 31.9 12.0 52.0

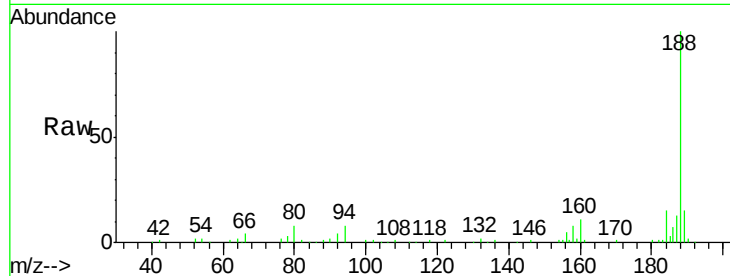




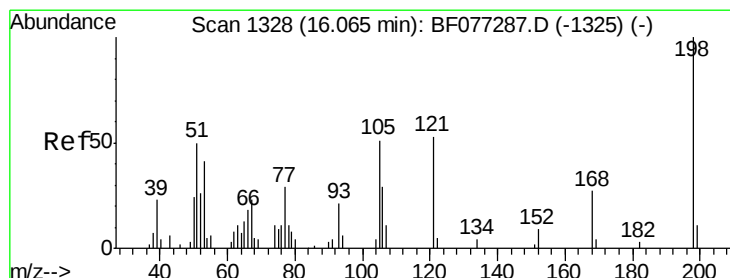
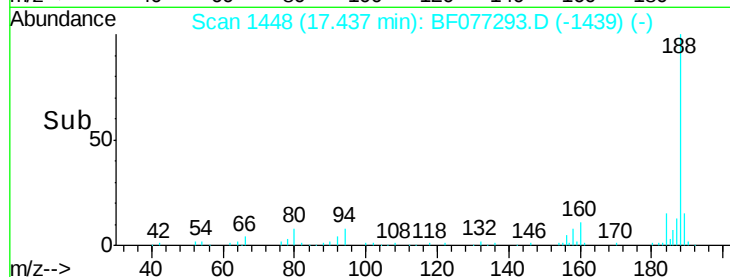
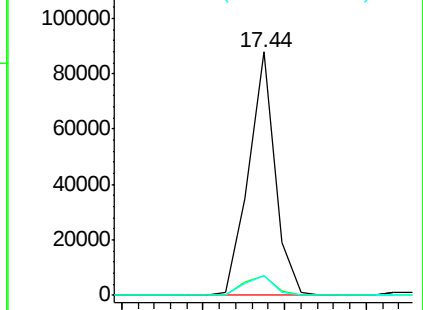
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.44 min Scan# 1448
 Delta R.T. 0.00 min
 Lab File: BF077293.D
 Acq: 12 Feb 2015 20:34

Instrument :
 BNA_F
 ClientSampleId :
 PB81726BS

Tgt Ion:188 Resp: 98606
 Ion Ratio Lower Upper
 188 100
 94 8.2 6.5 9.7
 80 8.2 7.1 10.7

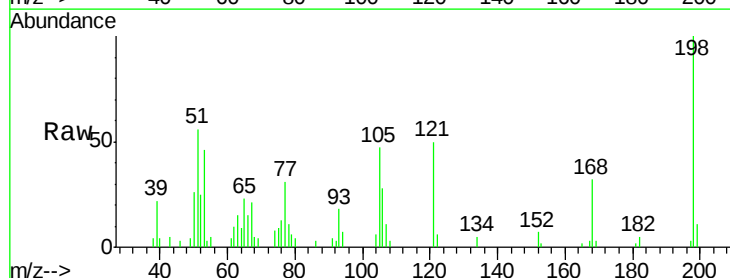


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

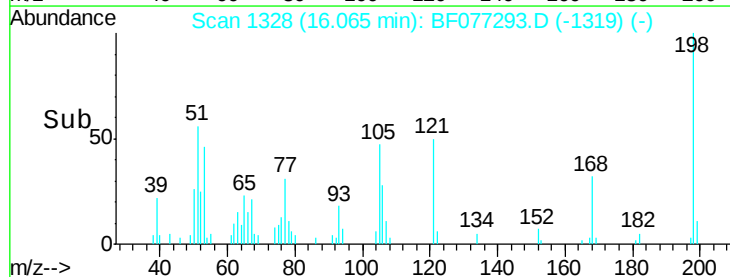
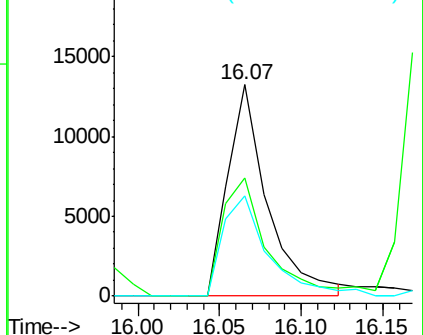


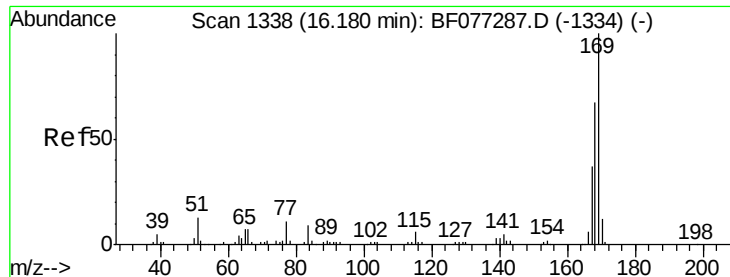
#64
 4,6-Dinitro-2-methylphenol
 Concen: 40.41 ng
 RT: 16.07 min Scan# 1328
 Delta R.T. 0.00 min
 Lab File: BF077293.D
 Acq: 12 Feb 2015 20:34

Tgt Ion:198 Resp: 22386
 Ion Ratio Lower Upper
 198 100
 51 55.8 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

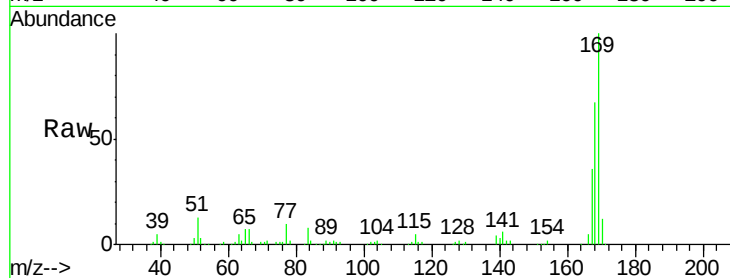




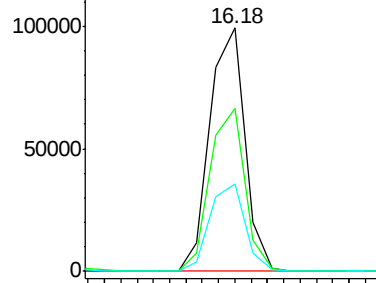
#65
 n-Nitrosodiphenylamine
 Concen: 41.99 ng
 RT: 16.18 min Scan# 1338
 Delta R.T. 0.00 min
 Lab File: BF077293.D
 Acq: 12 Feb 2015 20:34

Instrument :
 BNA_F
 ClientSampleId :
 PB81726BS

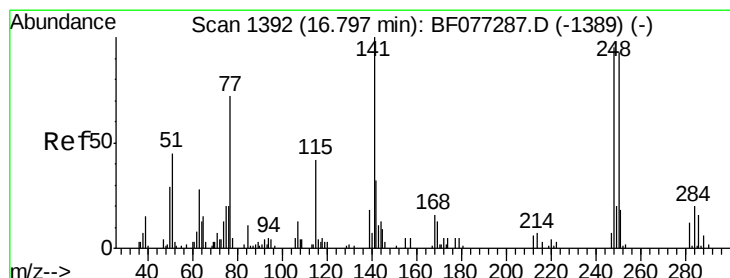
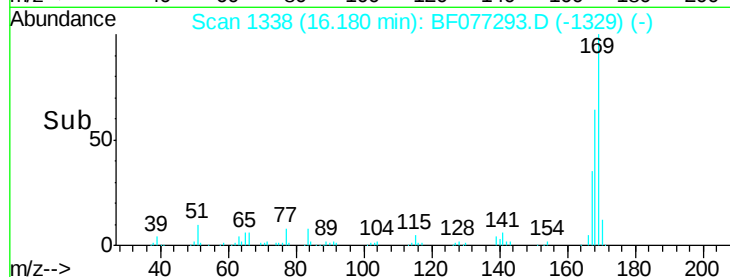
Tgt Ion:169 Resp: 147695
 Ion Ratio Lower Upper
 169 100
 168 67.2 53.9 80.9
 167 35.8 29.6 44.4



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

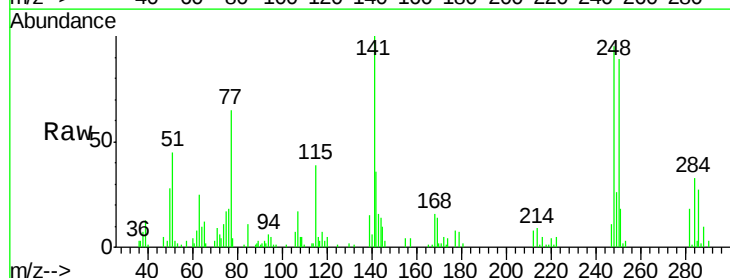


Time-->

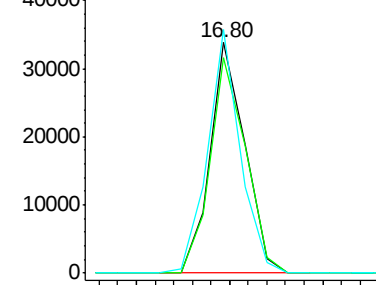


#66
 4-Bromophenyl-phenylether
 Concen: 42.26 ng
 RT: 16.80 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: BF077293.D
 Acq: 12 Feb 2015 20:34

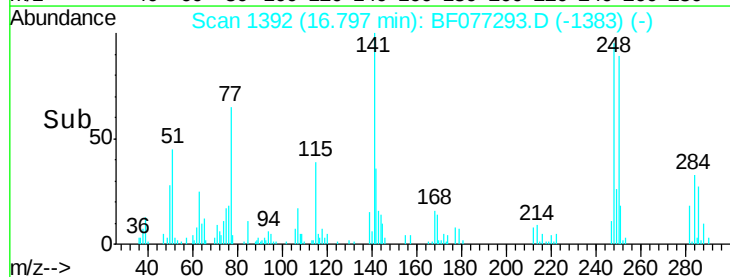
Tgt Ion:248 Resp: 43548
 Ion Ratio Lower Upper
 248 100
 250 93.7 77.8 116.8
 141 105.7 83.8 125.6

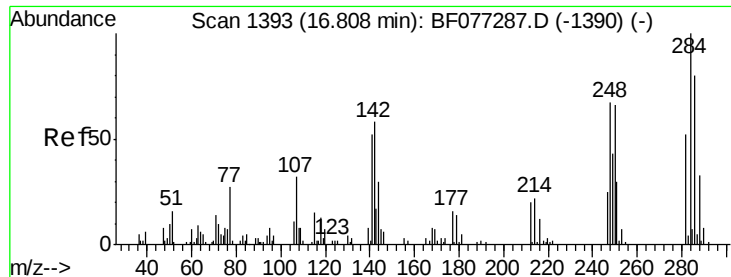


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E



Time-->

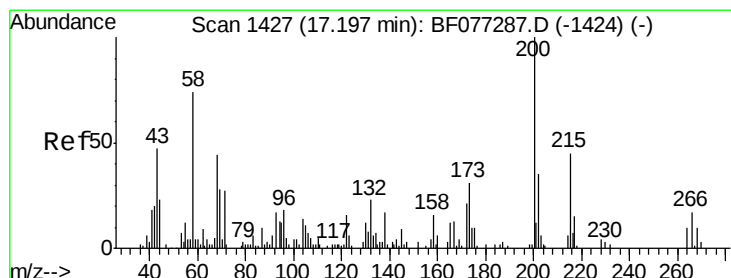
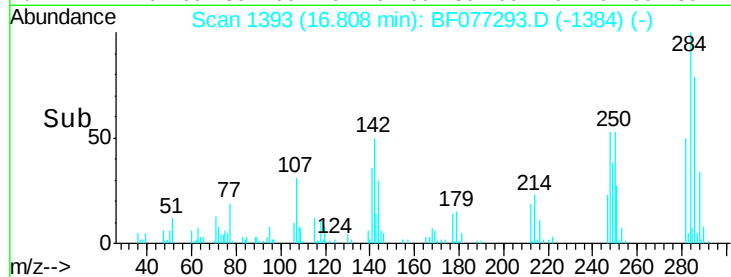
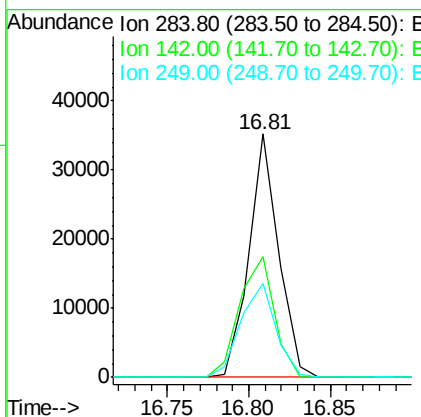
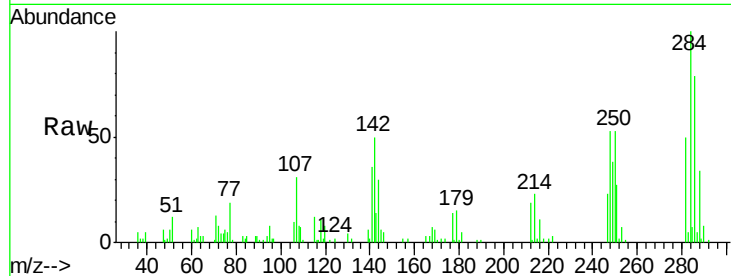




#67
Hexachlorobenzene
Concen: 42.28 ng
RT: 16.81 min Scan# 1393
Delta R.T. 0.00 min
Lab File: BF077293.D
Acq: 12 Feb 2015 20:34

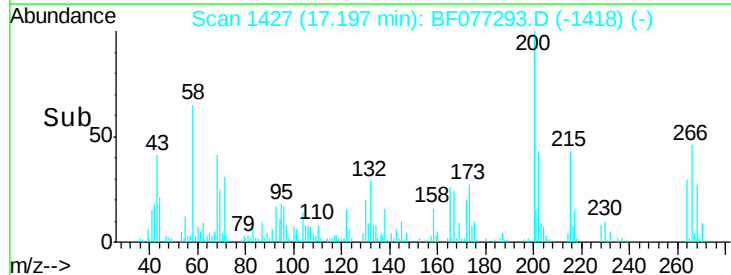
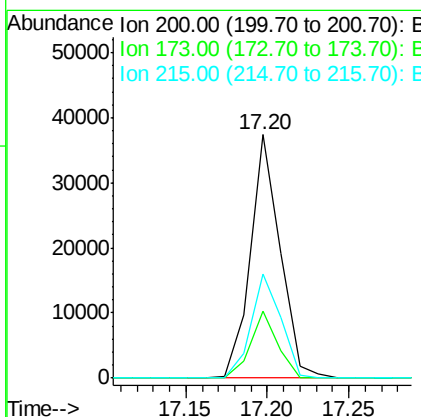
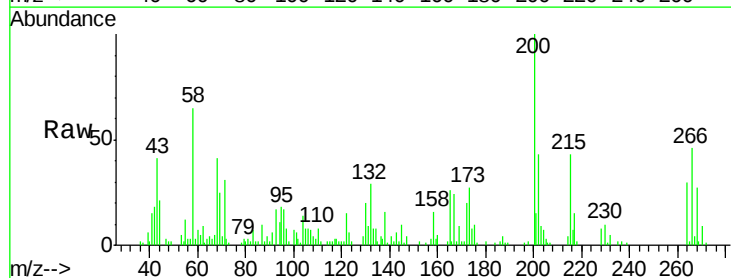
Instrument :
BNA_F
ClientSampled :
PB81726BS

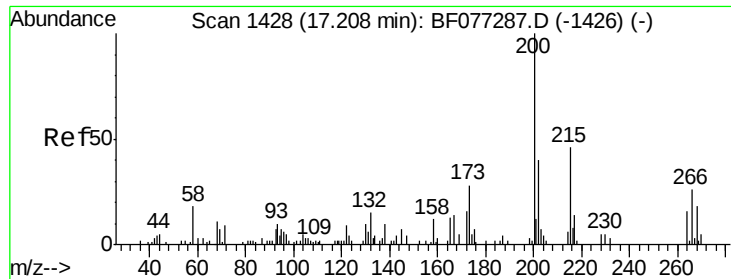
Tgt Ion	Ratio	Lower	Upper
284	100		
142	49.6	46.2	69.4
249	38.5	34.5	51.7



#68
Atrazine
Concen: 42.45 ng
RT: 17.20 min Scan# 1427
Delta R.T. 0.00 min
Lab File: BF077293.D
Acq: 12 Feb 2015 20:34

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.3	11.3	51.3
215	42.7	25.3	65.3

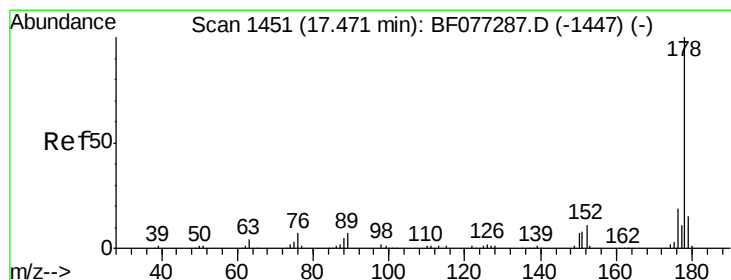
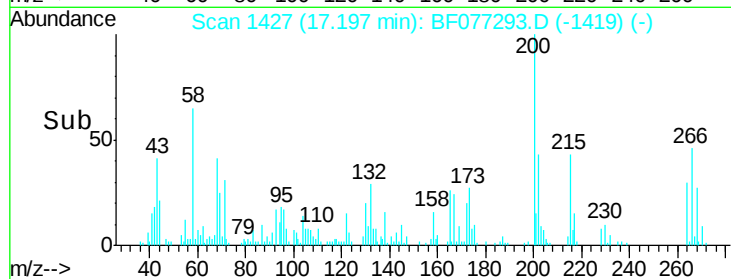
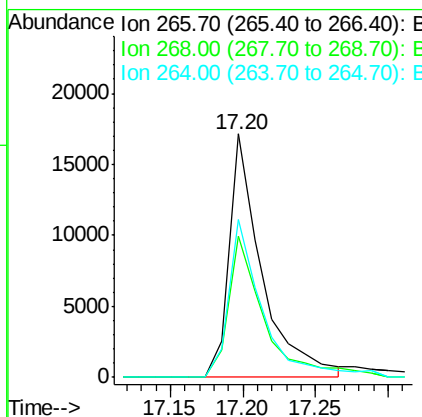
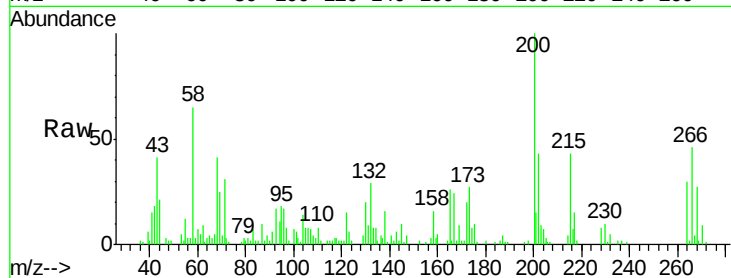




#69
 Pentachlorophenol
 Concen: 82.21 ng
 RT: 17.20 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF077293.D
 Acq: 12 Feb 2015 20:34

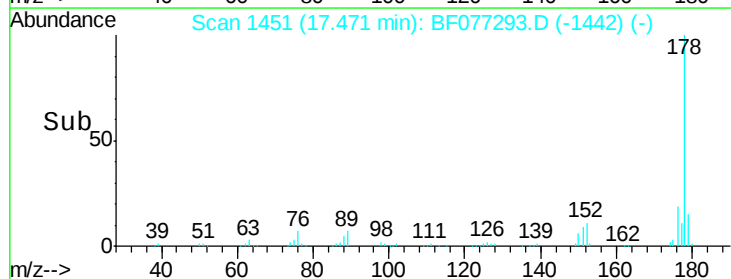
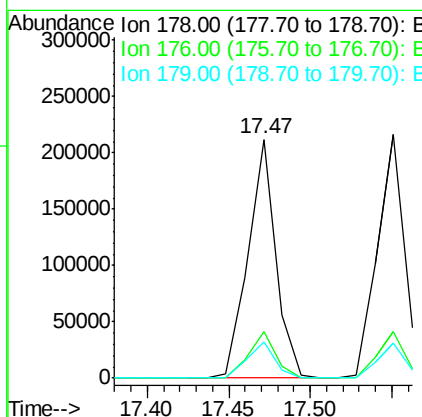
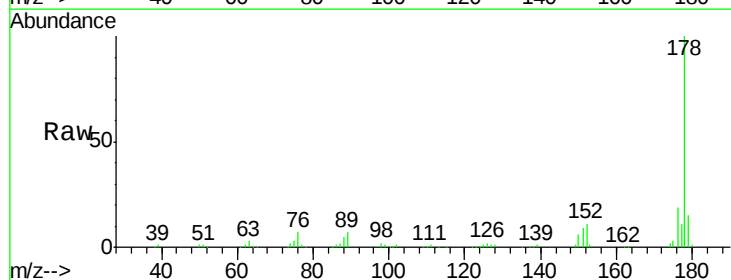
Instrument :
 BNA_F
 ClientSampleId :
 PB81726BS

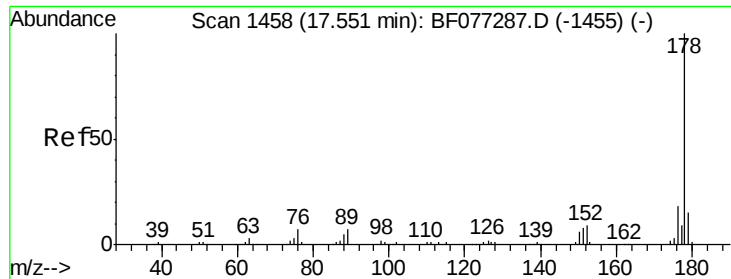
Tgt Ion:266 Resp: 26946
 Ion Ratio Lower Upper
 266 100
 268 58.3 55.0 82.6
 264 64.6 49.5 74.3



#70
 Phenanthrene
 Concen: 41.94 ng
 RT: 17.47 min Scan# 1451
 Delta R.T. 0.00 min
 Lab File: BF077293.D
 Acq: 12 Feb 2015 20:34

Tgt Ion:178 Resp: 249417
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.2 22.8
 179 15.3 12.1 18.1

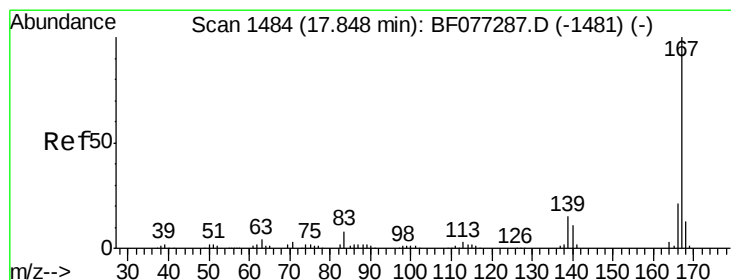
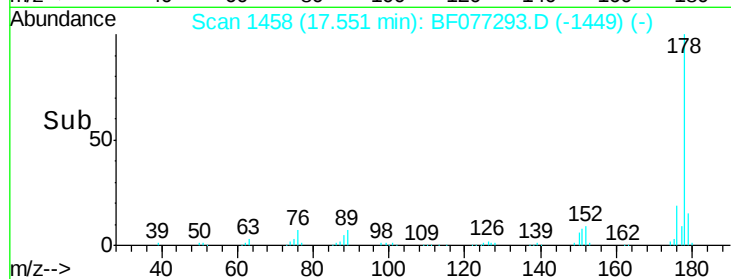
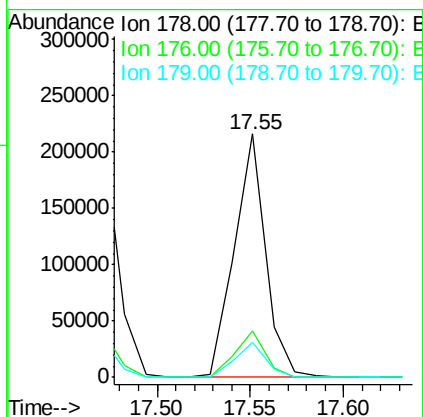
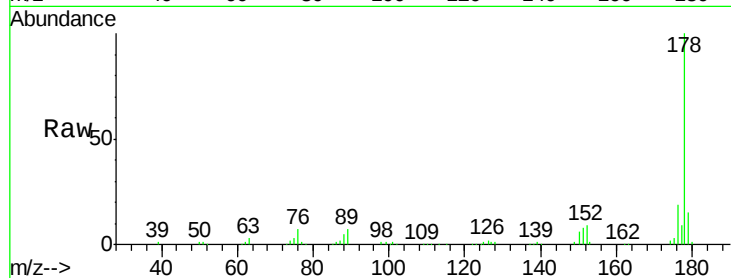




#71
 Anthracene
 Concen: 42.64 ng
 RT: 17.55 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: BF077293.D
 Acq: 12 Feb 2015 20:34

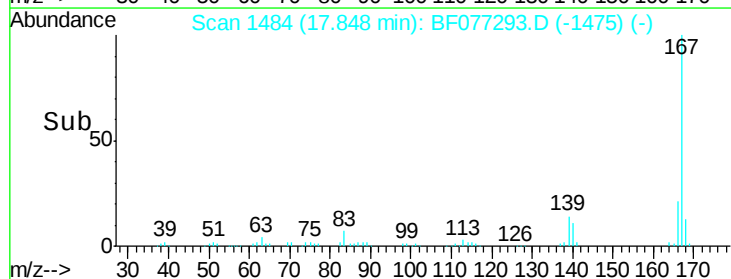
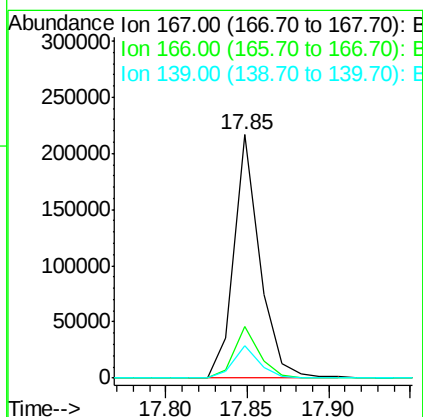
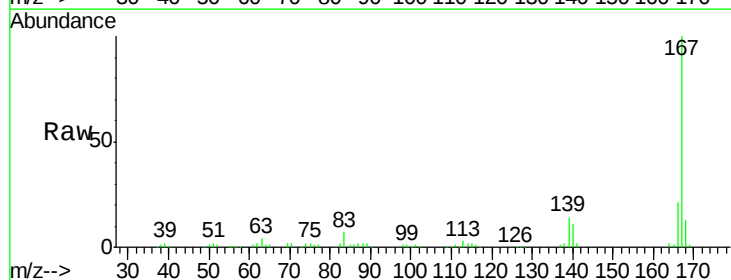
Instrument :
 BNA_F
 ClientSampleId :
 PB81726BS

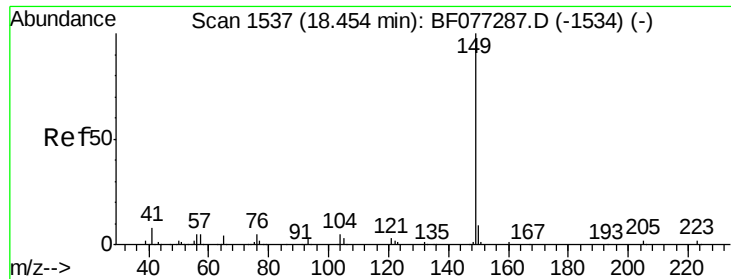
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	14.6	22.0
179	14.5	12.1	18.1



#72
 Carbazole
 Concen: 41.65 ng
 RT: 17.85 min Scan# 1484
 Delta R.T. 0.00 min
 Lab File: BF077293.D
 Acq: 12 Feb 2015 20:34

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.0	25.6
139	13.5	11.7	17.5

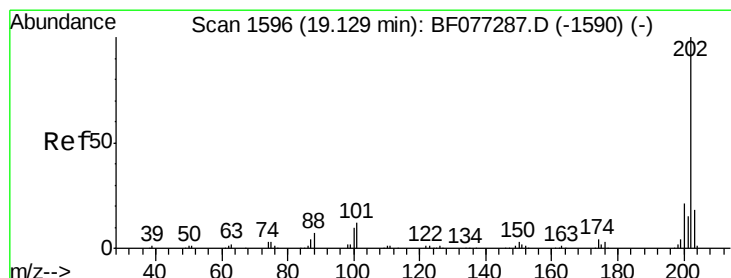
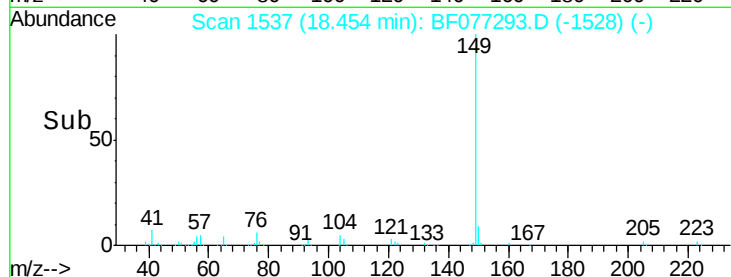
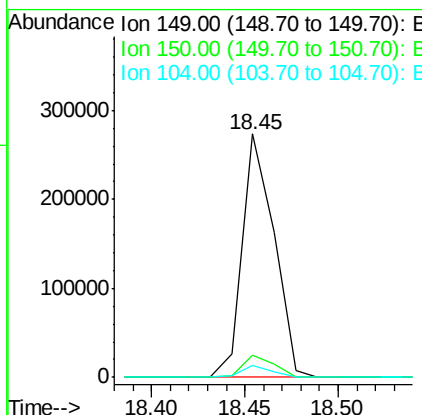
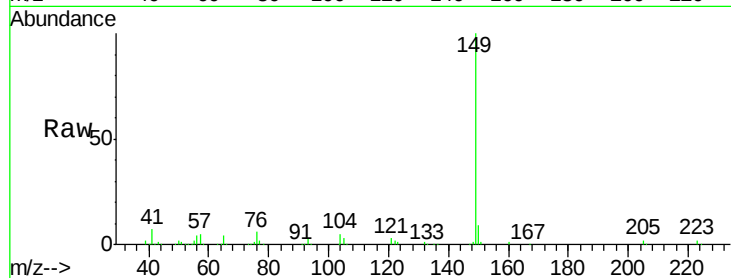




#73
Di-n-butylphthalate
Concen: 44.51 ng
RT: 18.45 min Scan# 1537
Delta R.T. 0.00 min
Lab File: BF077293.D
Acq: 12 Feb 2015 20:34

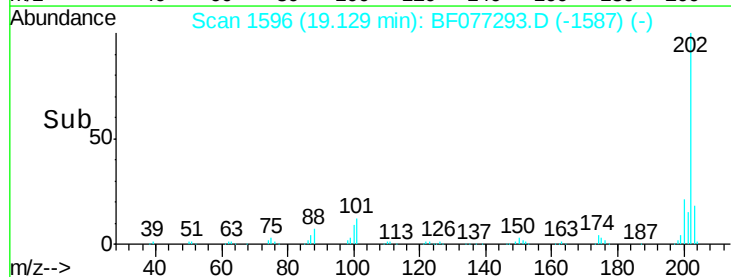
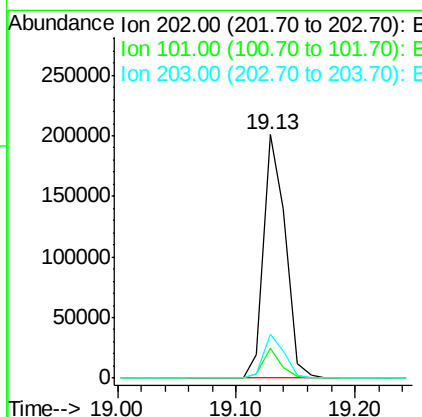
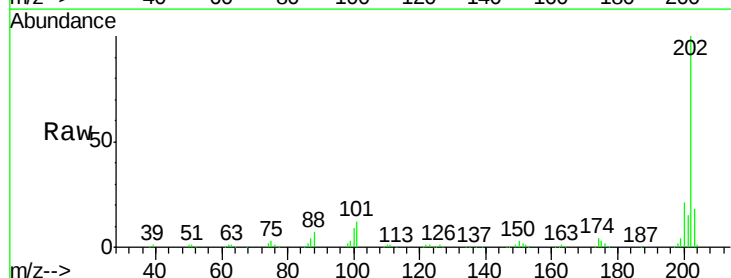
Instrument :
BNA_F
ClientSampleId :
PB81726BS

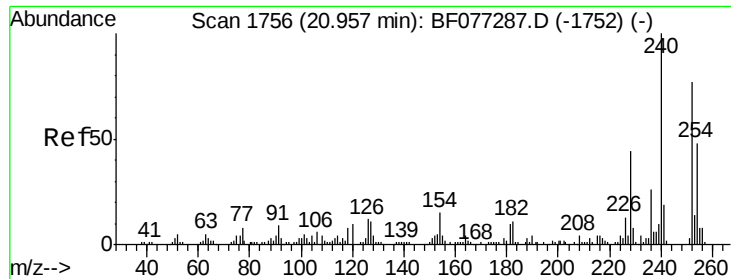
Tgt Ion:149 Resp: 322873
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.2
104 5.0 4.2 6.2



#74
Fluoranthene
Concen: 42.09 ng
RT: 19.13 min Scan# 1596
Delta R.T. 0.00 min
Lab File: BF077293.D
Acq: 12 Feb 2015 20:34

Tgt Ion:202 Resp: 257855
Ion Ratio Lower Upper
202 100
101 12.1 0.0 32.4
203 18.1 0.0 37.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 20.96 min Scan# 1756

Delta R.T. 0.00 min

Lab File: BF077293.D

Acq: 12 Feb 2015 20:34

Instrument :

BNA_F

ClientSampleId :

PB81726BS

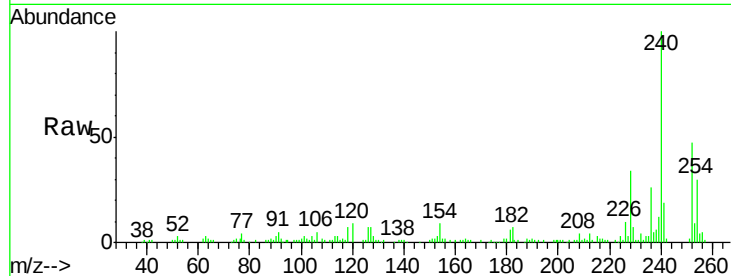
Tgt Ion:240 Resp: 93093

Ion Ratio Lower Upper

240 100

120 9.0 7.8 11.8

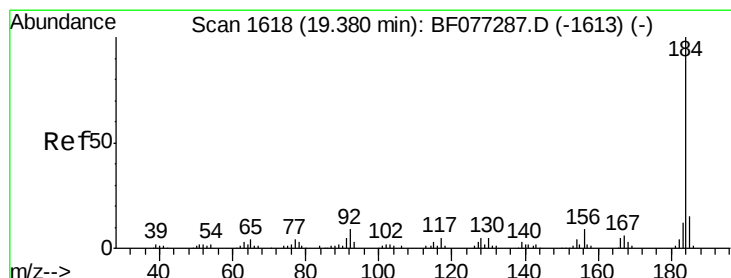
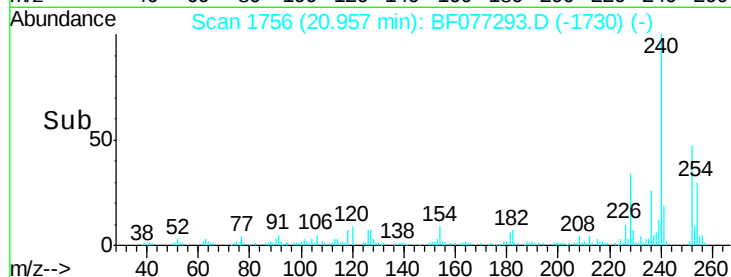
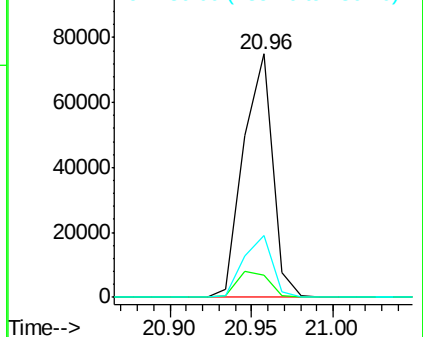
236 25.7 20.4 30.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 30.44 ng

RT: 19.38 min Scan# 1618

Delta R.T. 0.00 min

Lab File: BF077293.D

Acq: 12 Feb 2015 20:34

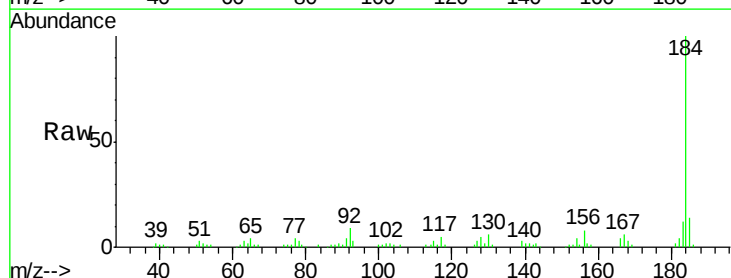
Tgt Ion:184 Resp: 114853

Ion Ratio Lower Upper

184 100

185 13.9 11.8 17.6

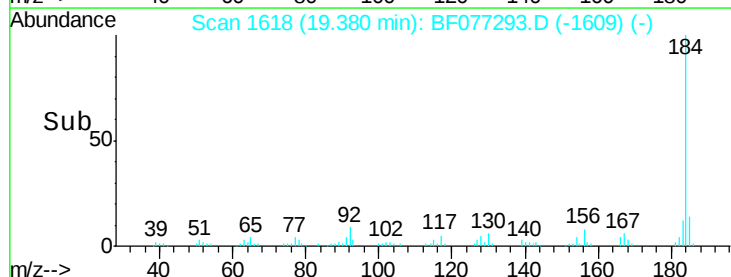
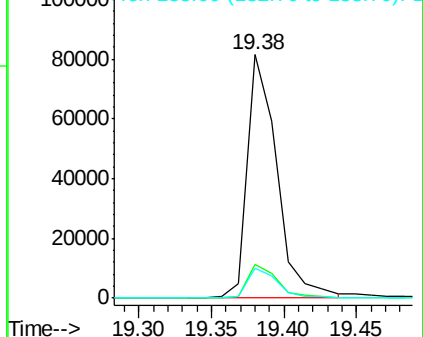
183 12.1 9.3 13.9

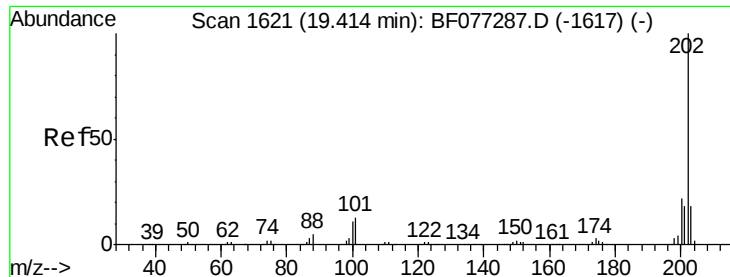


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

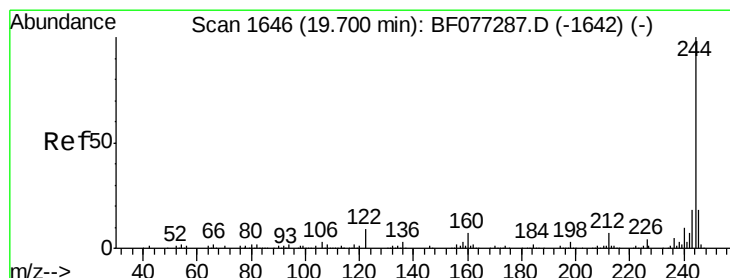
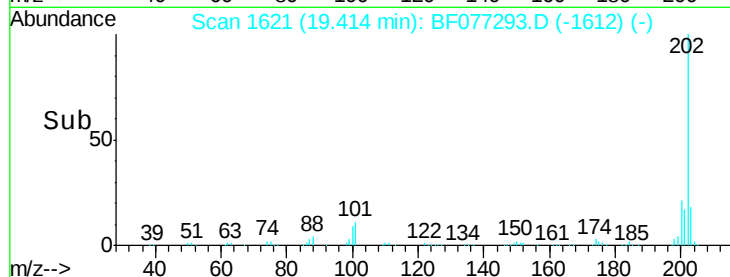
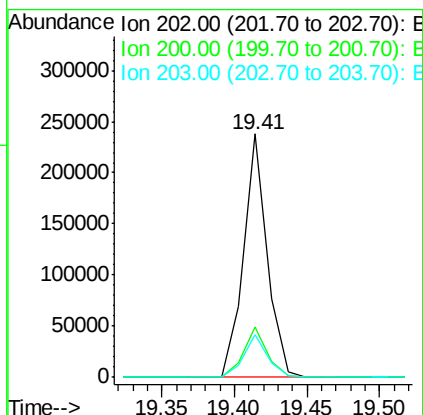
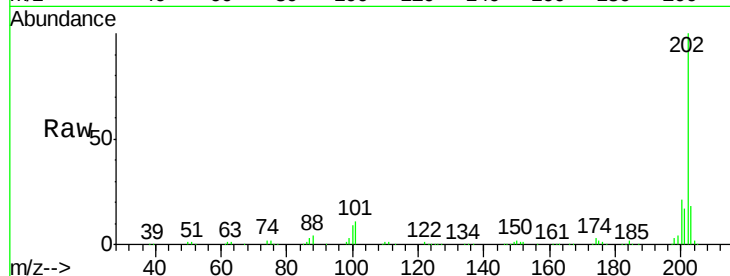




#77
 Pyrene
 Concen: 43.08 ng
 RT: 19.41 min Scan# 1621
 Delta R.T. 0.00 min
 Lab File: BF077293.D
 Acq: 12 Feb 2015 20:34

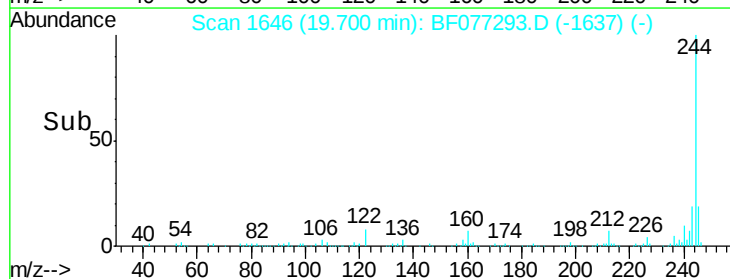
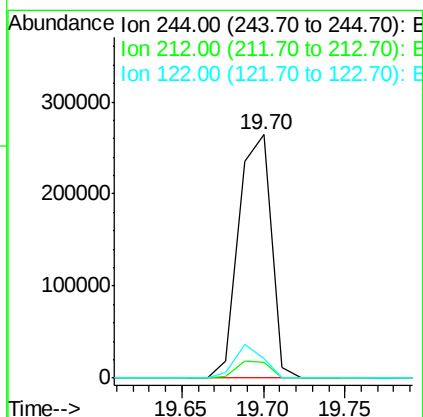
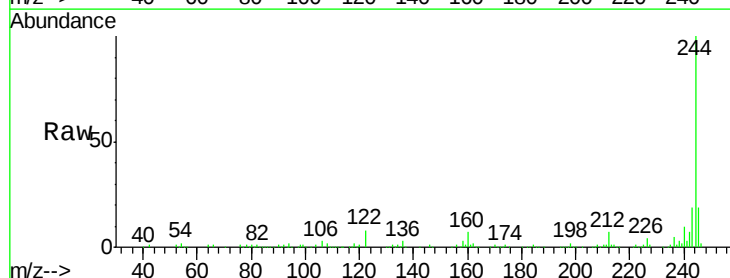
Instrument :
 BNA_F
 ClientSampleId :
 PB81726BS

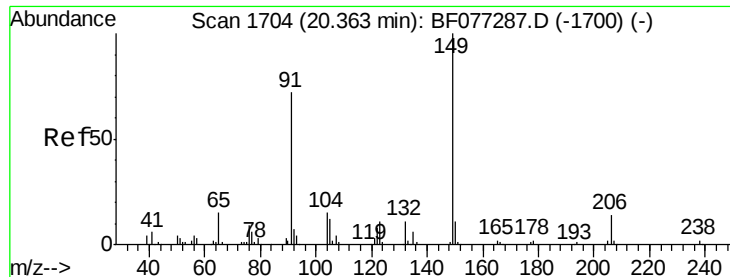
Tgt Ion: 202 Resp: 267477
 Ion Ratio Lower Upper
 202 100
 200 20.9 17.4 26.0
 203 17.7 14.1 21.1



#78
 Terphenyl-d14
 Concen: 87.88 ng
 RT: 19.70 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: BF077293.D
 Acq: 12 Feb 2015 20:34

Tgt Ion: 244 Resp: 364204
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 8.0 7.0 10.4

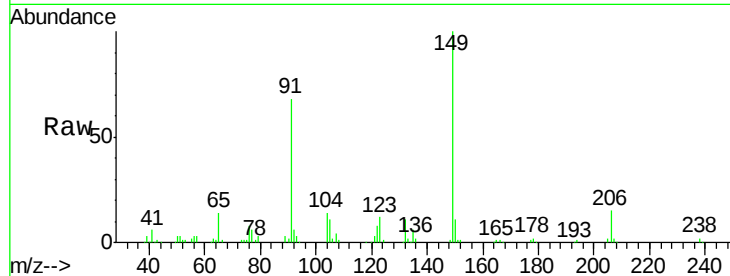




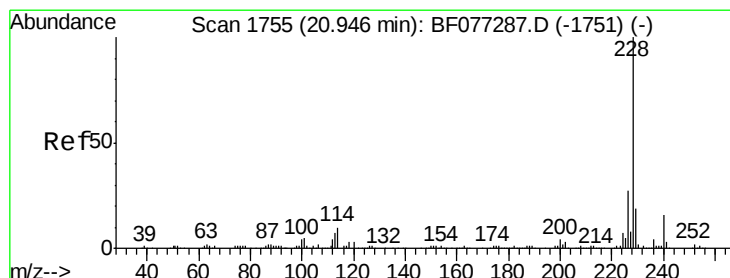
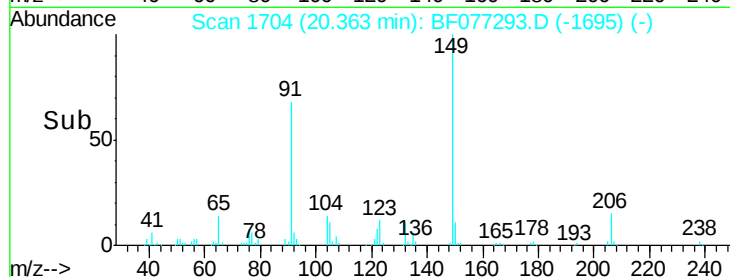
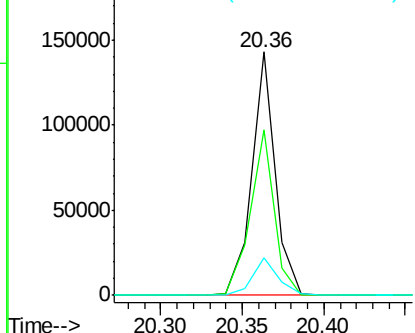
#79
Butylbenzylphthalate
Concen: 45.03 ng
RT: 20.36 min Scan# 1704
Delta R.T. 0.00 min
Lab File: BF077293.D
Acq: 12 Feb 2015 20:34

Instrument :
BNA_F
ClientSampleId :
PB81726BS

Tgt Ion:149 Resp: 141570
Ion Ratio Lower Upper
149 100
91 68.0 57.3 85.9
206 15.2 11.6 17.4

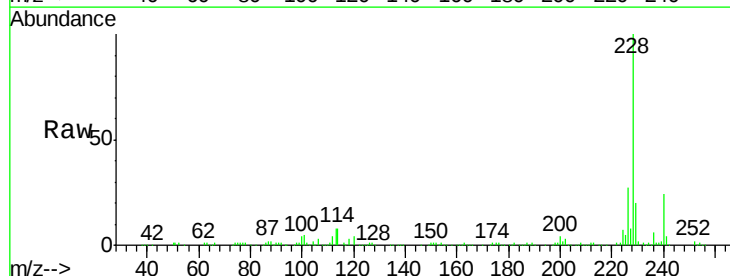


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

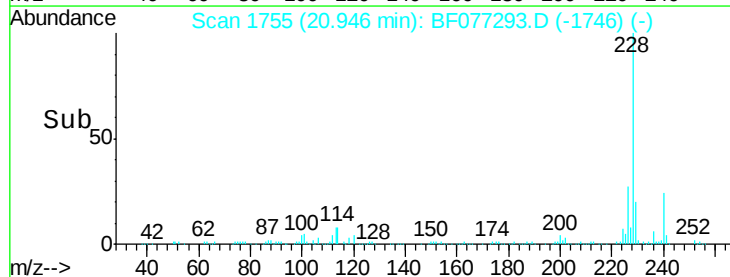
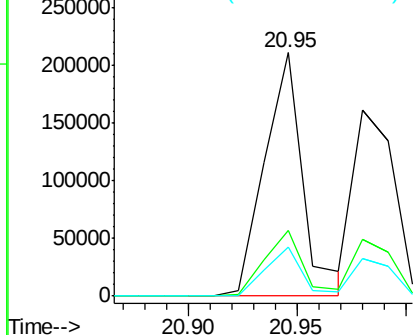


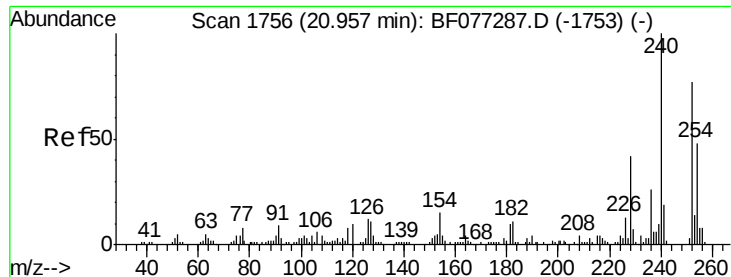
#80
Benzo(a)anthracene
Concen: 45.19 ng
RT: 20.95 min Scan# 1755
Delta R.T. 0.00 min
Lab File: BF077293.D
Acq: 12 Feb 2015 20:34

Tgt Ion:228 Resp: 258944
Ion Ratio Lower Upper
228 100
226 27.2 21.4 32.2
229 20.0 15.5 23.3



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





#81

3,3'-Dichlorobenzidine

Concen: 20.62 ng

RT: 20.96 min Scan# 1756

Delta R.T. 0.00 min

Lab File: BF077293.D

Acq: 12 Feb 2015 20:34

Instrument :

BNA_F

ClientSampleId :

PB81726BS

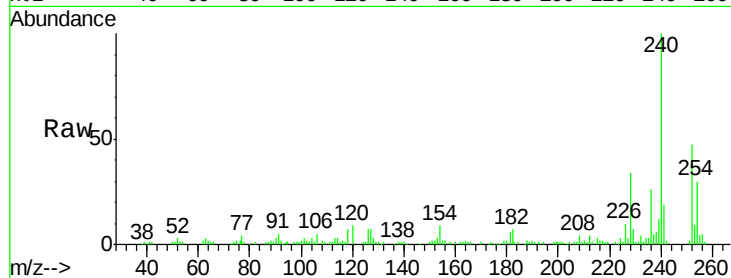
Tgt Ion:252 Resp: 41425

Ion Ratio Lower Upper

252 100

254 63.3 49.5 74.3

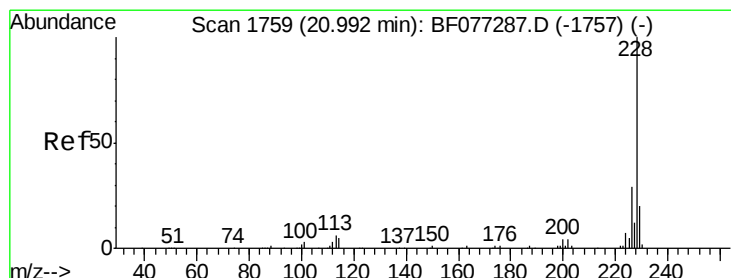
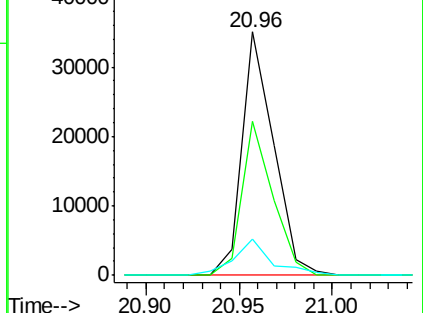
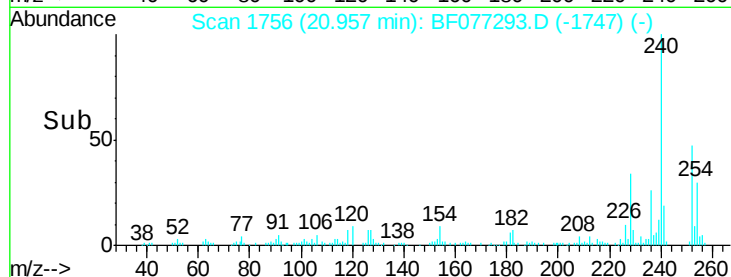
126 14.8 12.6 19.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 40.56 ng

RT: 20.98 min Scan# 1758

Delta R.T. -0.01 min

Lab File: BF077293.D

Acq: 12 Feb 2015 20:34

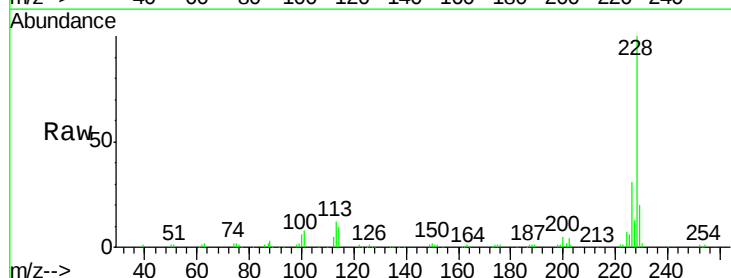
Tgt Ion:228 Resp: 210589

Ion Ratio Lower Upper

228 100

226 30.8 24.3 36.5

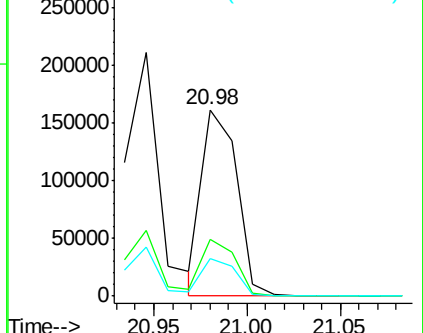
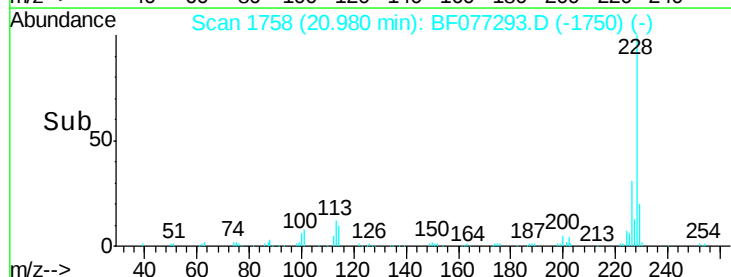
229 20.2 15.8 23.8

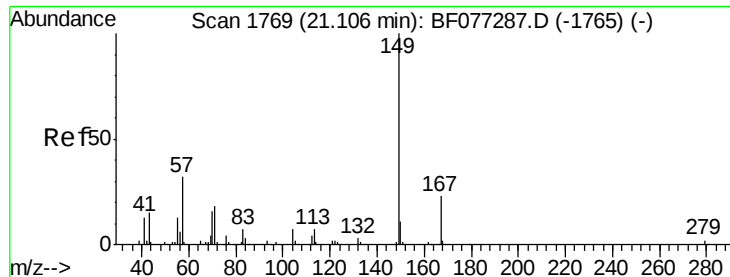


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.26 ng

RT: 21.11 min Scan# 1769

Delta R.T. 0.00 min

Lab File: BF077293.D

Acq: 12 Feb 2015 20:34

Instrument :

BNA_F

ClientSampleId :

PB81726BS

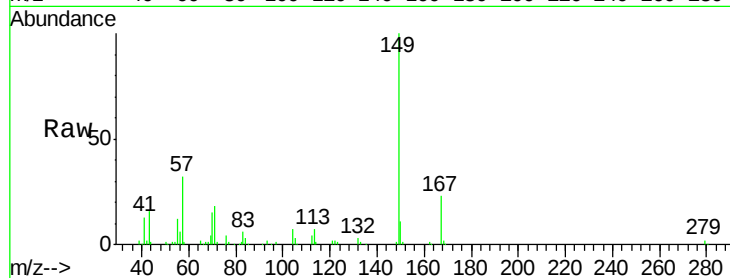
Tgt Ion:149 Resp: 211712

Ion Ratio Lower Upper

149 100

167 23.1 18.6 28.0

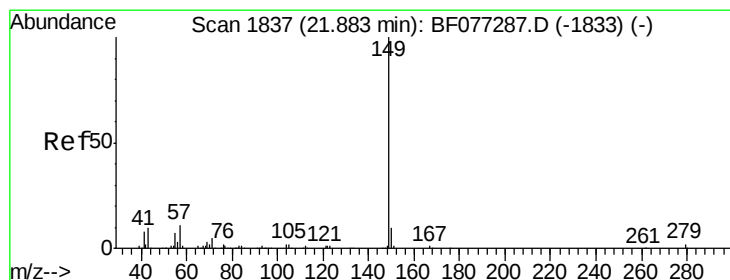
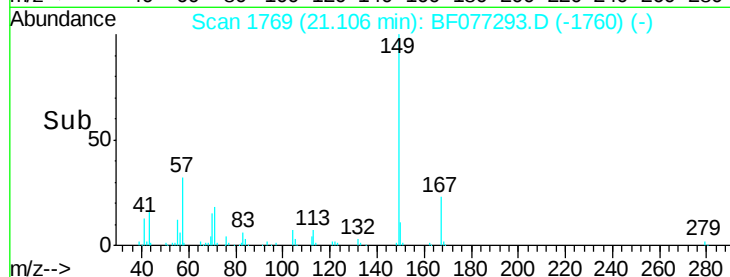
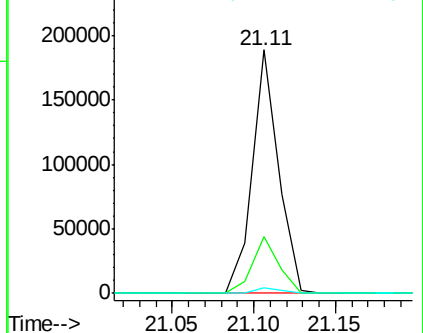
279 2.2 1.5 2.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 46.10 ng

RT: 21.87 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF077293.D

Acq: 12 Feb 2015 20:34

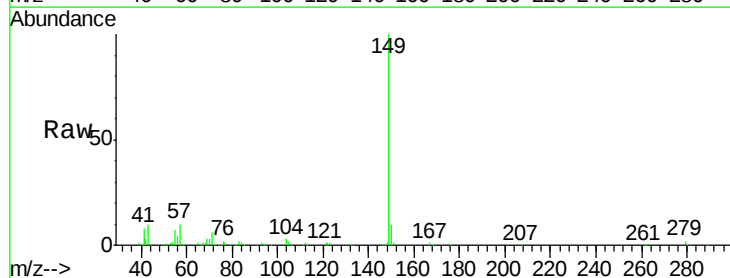
Tgt Ion:149 Resp: 370824

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

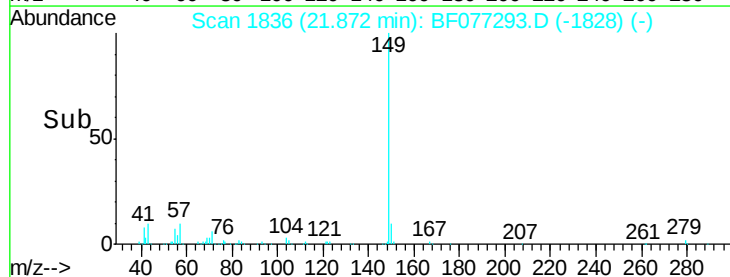
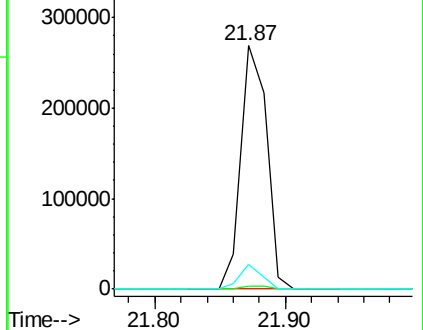
43 8.9 7.3 10.9

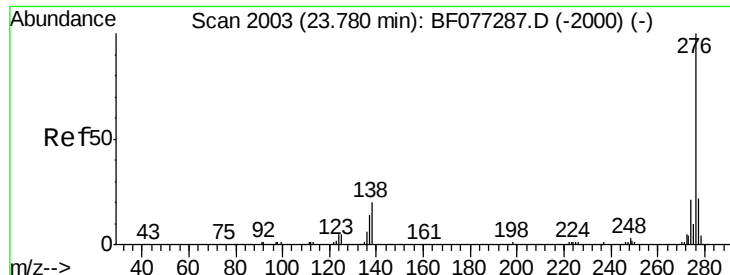


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

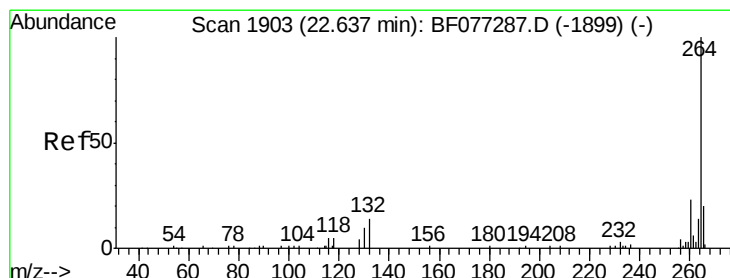
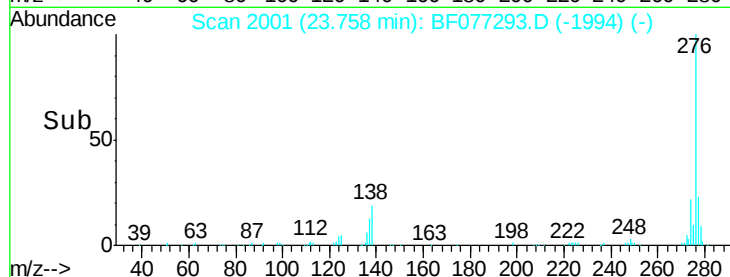
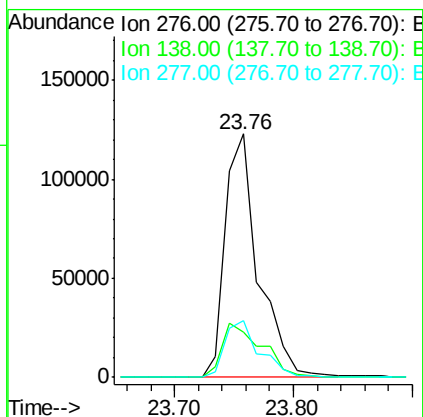
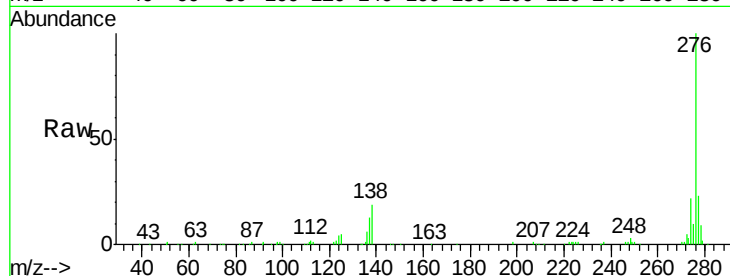




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.20 ng
 RT: 23.76 min Scan# 2001
 Delta R.T. -0.02 min
 Lab File: BF077293.D
 Acq: 12 Feb 2015 20:34

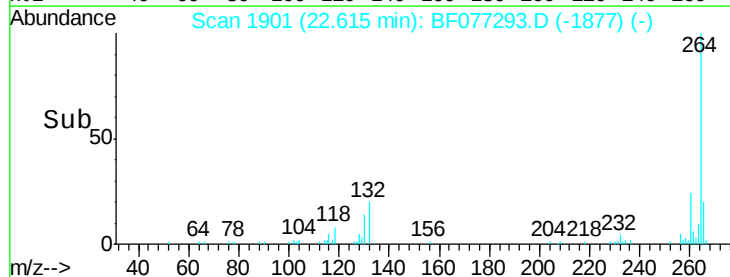
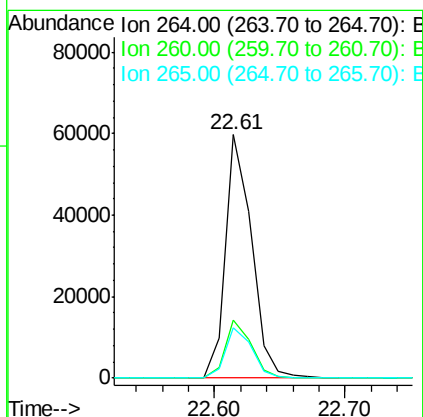
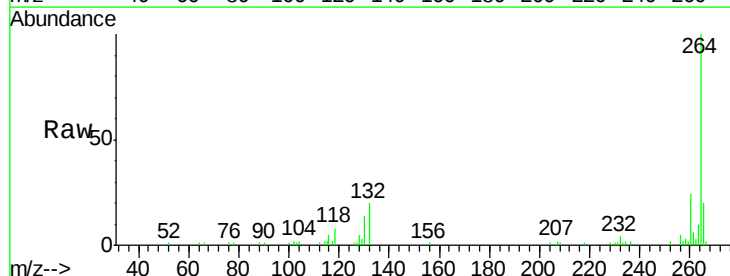
Instrument :
 BNA_F
 ClientSampleId :
 PB81726BS

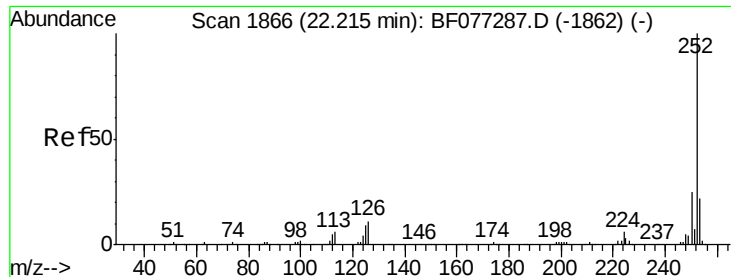
Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.9	0.0	0.0#
277	24.6	0.0	0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 22.61 min Scan# 1901
 Delta R.T. -0.02 min
 Lab File: BF077293.D
 Acq: 12 Feb 2015 20:34

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	27.8
265	20.4	16.2	24.2





#87

Benzo(b)fluoranthene

Concen: 39.63 ng

RT: 22.20 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BF077293.D

Acq: 12 Feb 2015 20:34

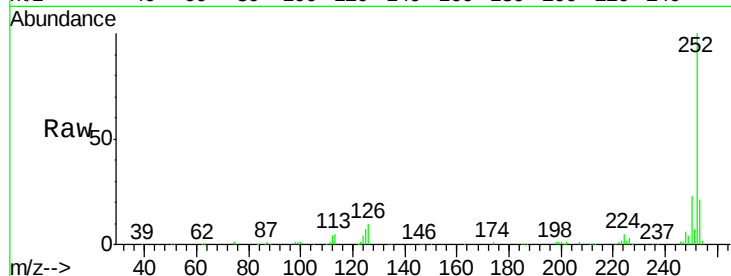
Instrument :

BNA_F

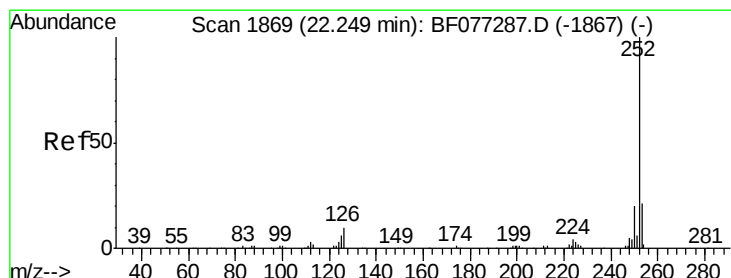
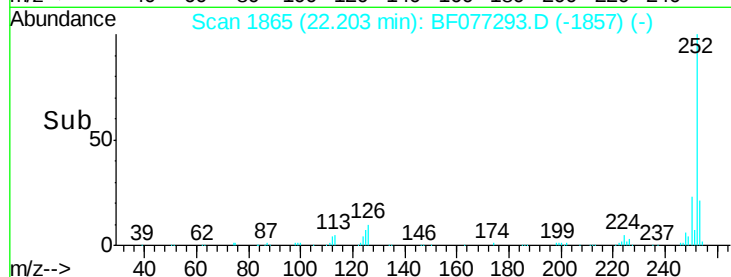
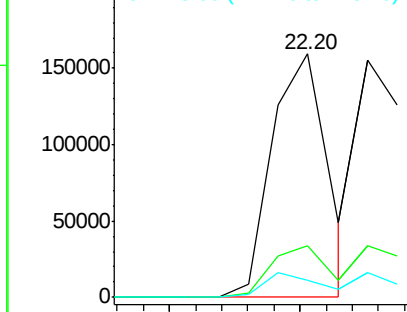
ClientSampleId :

PB81726BS

Tgt Ion:	252	Resp:	235086
Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.4	26.2
125	7.3	7.1	10.7



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 52.47 ng

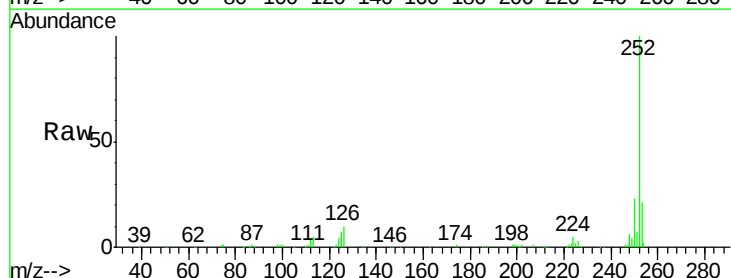
RT: 22.20 min Scan# 1865

Delta R.T. -0.05 min

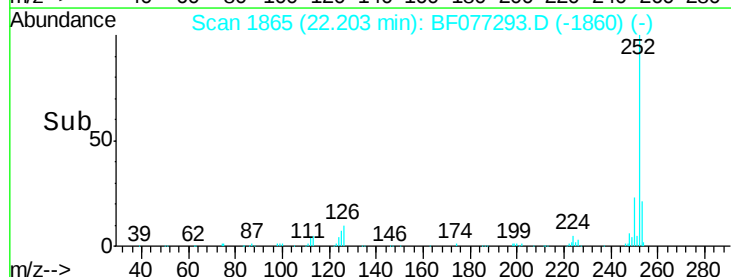
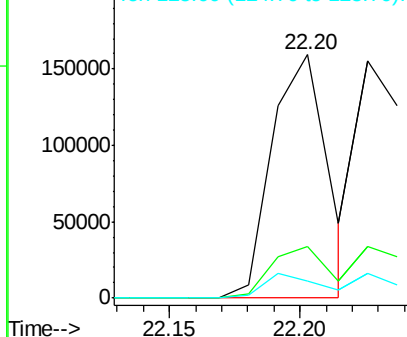
Lab File: BF077293.D

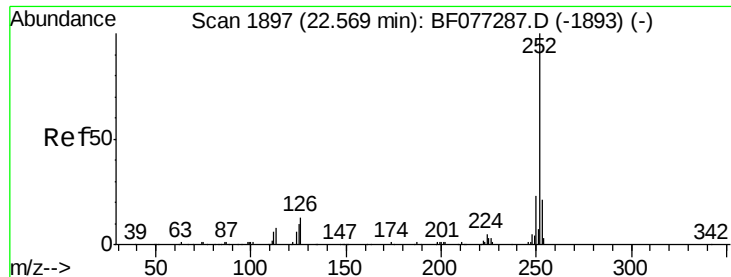
Acq: 12 Feb 2015 20:34

Tgt Ion:	252	Resp:	235086
Ion	Ratio	Lower	Upper
252	100		
253	21.3	16.6	24.8
125	7.3	5.8	8.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 43.26 ng

RT: 22.56 min Scan# 1896

Delta R.T. -0.01 min

Lab File: BF077293.D

Acq: 12 Feb 2015 20:34

Instrument :

BNA_F

ClientSampleId :

PB81726BS

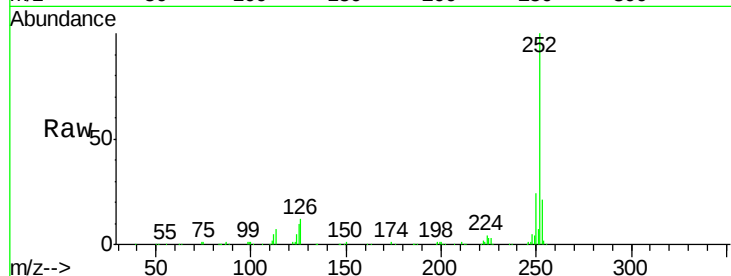
Tgt Ion: 252 Resp: 213669

Ion Ratio Lower Upper

252 100

253 21.4 17.2 25.8

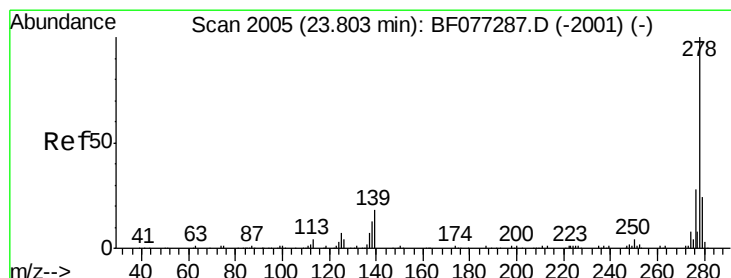
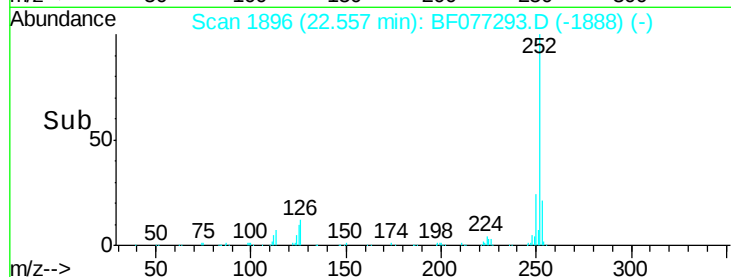
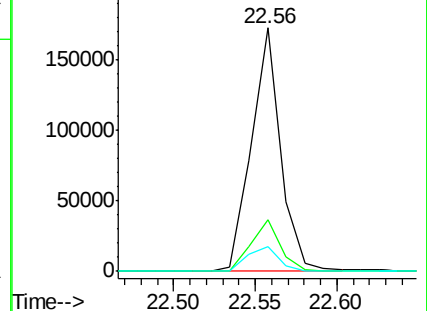
125 10.1 8.2 12.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 43.95 ng

RT: 23.78 min Scan# 2003

Delta R.T. -0.02 min

Lab File: BF077293.D

Acq: 12 Feb 2015 20:34

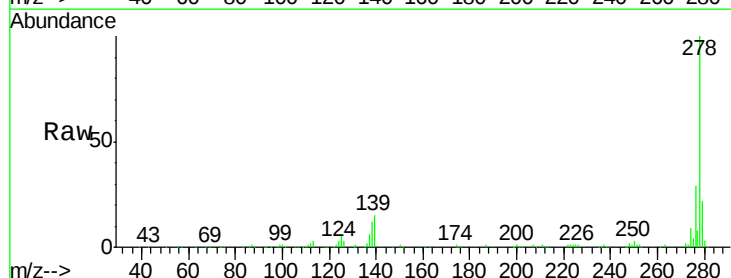
Tgt Ion: 278 Resp: 192769

Ion Ratio Lower Upper

278 100

139 15.5 14.2 21.2

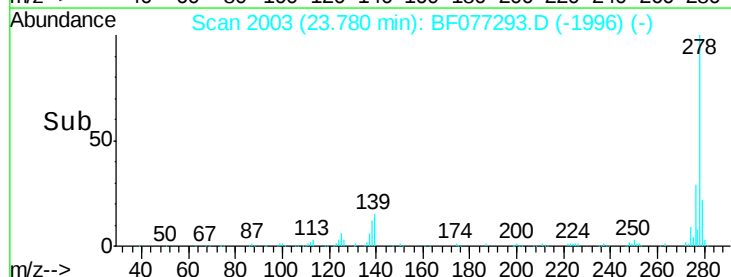
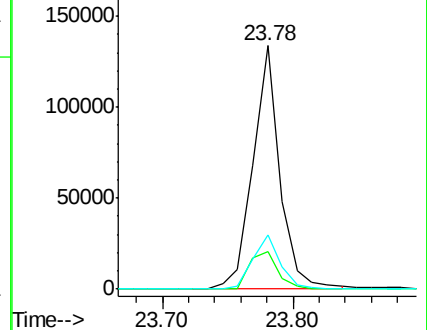
279 22.4 18.9 28.3

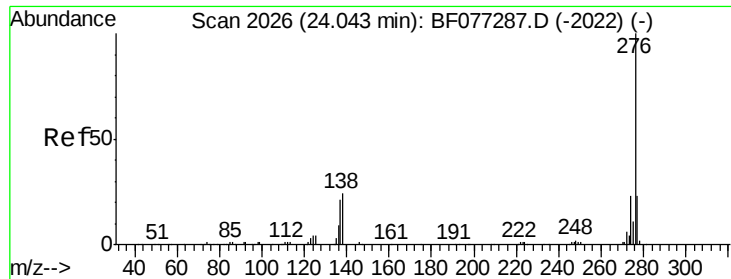


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

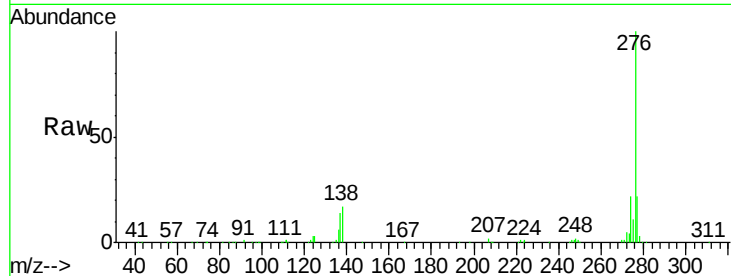




#91
 Benzo(g,h,i)perylene
 Concen: 44.29 ng
 RT: 24.02 min Scan# 2024
 Delta R.T. -0.02 min
 Lab File: BF077293.D
 Acq: 12 Feb 2015 20:34

Instrument :
 BNA_F
 ClientSampleId :
 PB81726BS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	21.6	18.7	28.1
138	17.1	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

