

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030615\
 Data File : BF077626.D
 Acq On : 6 Mar 2015 17:14
 Operator : TP/IZ
 Sample : PB81995BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81995BS

Quant Time: Mar 06 22:33:28 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 22:10:32 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.20	152	60810	20.00	ng	0.00
21) Naphthalene-d8	8.78	136	244562	20.00	ng	0.00
38) Acenaphthene-d10	10.95	164	120756	20.00	ng	0.00
63) Phenanthrene-d10	12.79	188	234743	20.00	ng	0.00
75) Chrysene-d12	16.07	240	251527	20.00	ng	0.00
86) Perylene-d12	17.78	264	246131	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	445822	122.39	ng	0.00
7) Phenol-d6	6.77	99	570410	121.79	ng	0.00
23) Nitrobenzene-d5	7.90	82	310517	78.96	ng	0.00
41) 2,4,6-Tribromophenol	11.93	330	146356	125.87	ng	0.00
44) 2-Fluorobiphenyl	10.13	172	694469	89.67	ng	0.00
78) Terphenyl-d14	14.78	244	839160	77.99	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.14	88	55350	35.81	ng	96
3) Pyridine	2.87	79	148981	33.69	ng	97
4) n-Nitrosodimethylamine	2.77	42	78586	40.88	ng	89
6) Aniline	6.79	93	71869	11.10	ng	# 87
8) 2-Chlorophenol	6.93	128	168731	39.27	ng	94
9) Benzaldehyde	6.65	77	26790	9.42	ng	92
10) Phenol	6.78	94	208815	37.58	ng	91
11) bis(2-Chloroethyl)ether	6.89	93	146337	36.65	ng	98
12) 1,3-Dichlorobenzene	7.13	146	177555	37.95	ng	# 92
13) 1,4-Dichlorobenzene	7.22	146	175021	36.77	ng	94
14) 1,2-Dichlorobenzene	7.41	146	165606	36.57	ng	96
15) Benzyl Alcohol	7.39	79	131021	36.80	ng	# 88
16) 2,2'-oxybis(1-Chloropropan	7.56	45	208463	36.52	ng	98
17) 2-Methylphenol	7.53	107	130342	38.81	ng	96
18) Hexachloroethane	7.82	117	63830	40.15	ng	88
19) n-Nitroso-di-n-propylamine	7.72	70	117776	39.60	ng	96
20) 3+4-Methylphenols	7.73	107	175078	39.58	ng	# 78
22) Acetophenone	7.71	105	228060	39.64	ng	# 87
24) Nitrobenzene	7.92	77	159287	38.50	ng	# 84
25) Isophorone	8.22	82	294698	37.77	ng	# 91
26) 2-Nitrophenol	8.31	139	76747	45.25	ng	89
27) 2,4-Dimethylphenol	8.38	122	142162	37.47	ng	95
28) bis(2-Chloroethoxy)methane	8.50	93	193528	39.26	ng	100
29) 2,4-Dichlorophenol	8.61	162	140088	39.33	ng	97
30) 1,2,4-Trichlorobenzene	8.71	180	146656	37.45	ng	98
31) Naphthalene	8.81	128	484731	39.63	ng	99
32) Benzoic acid	8.48	122	74693	40.51	ng	95
33) 4-Chloroaniline	8.88	127	58618	10.78	ng	98
34) Hexachlorobutadiene	8.96	225	80274	35.91	ng	97
35) Caprolactam	9.31	113	42534	39.12	ng	# 74
36) 4-Chloro-3-methylphenol	9.49	107	141688	39.57	ng	94
37) 2-Methylnaphthalene	9.67	142	336204	38.71	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.87	216	144212	41.62	ng	98
40) Hexachlorocyclopentadiene	9.86	237	144194	77.61	ng	98

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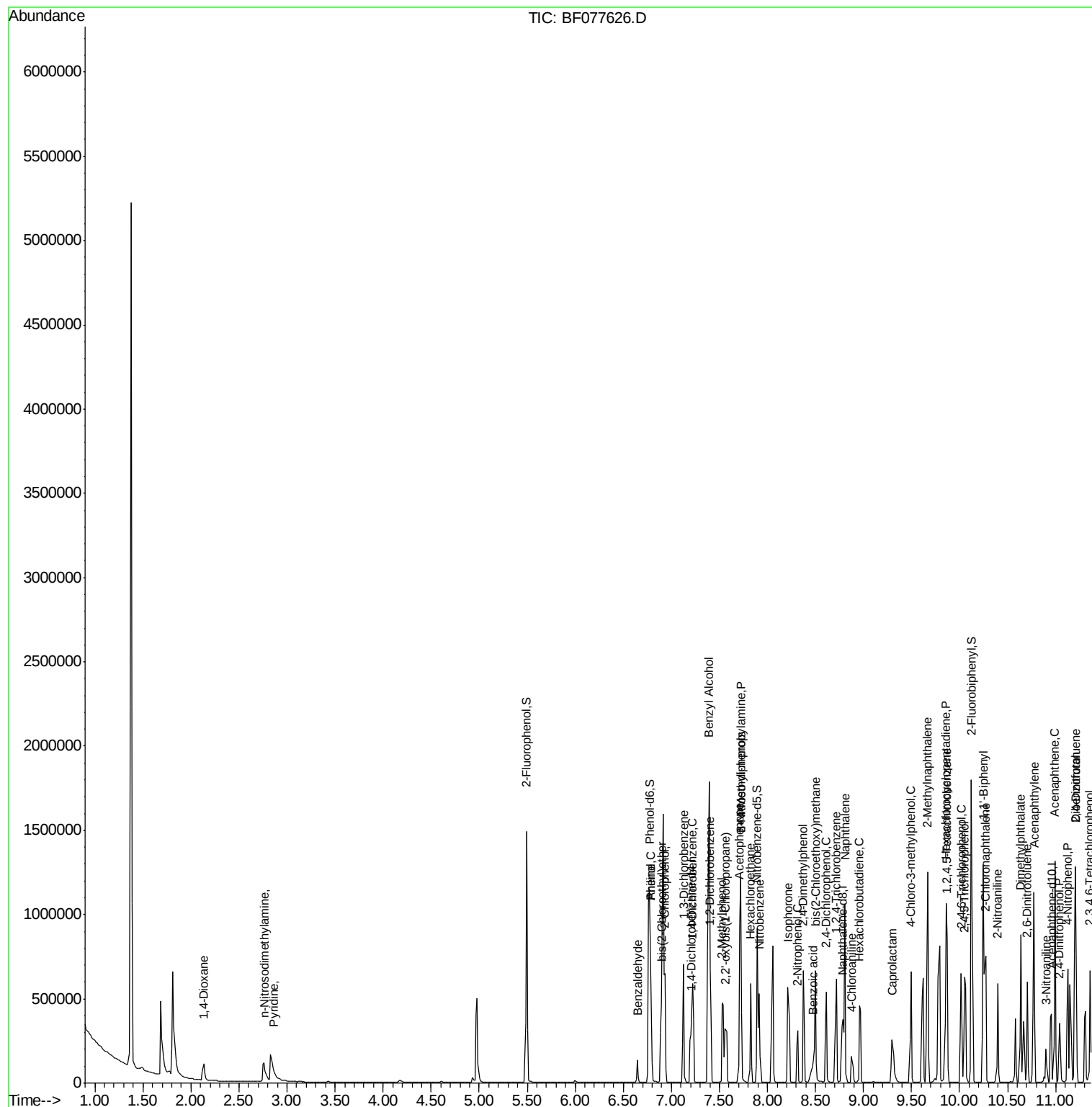
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.02	196	100438	43.77	ng	97
43) 2,4,5-Trichlorophenol	10.06	196	106851	43.55	ng	98
45) 1,1'-Biphenyl	10.25	154	395648	43.25	ng	99
46) 2-Chloronaphthalene	10.27	162	303977	42.37	ng	94
47) 2-Nitroaniline	10.40	65	88863	50.31	ng	# 84
48) Acenaphthylene	10.78	152	484837	42.68	ng	100
49) Dimethylphthalate	10.64	163	365795	43.09	ng	99
50) 2,6-Dinitrotoluene	10.71	165	76340	44.85	ng	# 60
51) Acenaphthene	10.99	154	290325	42.83	ng	99
52) 3-Nitroaniline	10.90	138	35170	17.92	ng	89
53) 2,4-Dinitrophenol	11.04	184	49243	95.07	ng	98
54) Dibenzofuran	11.21	168	449786	42.98	ng	100
55) 4-Nitrophenol	11.13	139	145777	92.35	ng	89
56) 2,4-Dinitrotoluene	11.20	165	103548	45.02	ng	# 61
57) Fluorene	11.63	166	366891	43.85	ng	100
58) 2,3,4,6-Tetrachlorophenol	11.36	232	85205	43.20	ng	92
59) Diethylphthalate	11.51	149	355046	42.43	ng	97
60) 4-Chlorophenyl-phenylether	11.64	204	165317	41.01	ng	97
61) 4-Nitroaniline	11.66	138	76615	40.73	ng	97
62) Azobenzene	11.84	77	348668	43.92	ng	98
64) 4,6-Dinitro-2-methylphenol	11.70	198	38606	41.74	ng	# 59
65) n-Nitrosodiphenylamine	11.79	169	317157	40.72	ng	99
66) 4-Bromophenyl-phenylether	12.25	248	101338	36.87	ng	96
67) Hexachlorobenzene	12.30	284	107622	36.48	ng	# 88
68) Atrazine	12.46	200	101141	39.94	ng	93
69) Pentachlorophenol	12.56	266	119716	77.20	ng	98
70) Phenanthrene	12.82	178	532337	39.13	ng	99
71) Anthracene	12.88	178	536961	39.77	ng	98
72) Carbazole	13.09	167	526530	41.01	ng	99
73) Di-n-butylphthalate	13.54	149	576846	38.27	ng	100
74) Fluoranthene	14.29	202	586428	39.46	ng	99
76) Benzidine	14.48	184	152473	17.94	ng	97
77) Pyrene	14.57	202	605672	39.37	ng	99
79) Butylbenzylphthalate	15.40	149	254979	40.28	ng	92
80) Benzo(a)anthracene	16.06	228	584485	39.65	ng	98
81) 3,3'-Dichlorobenzidine	16.04	252	103320	19.13	ng	99
82) Chrysene	16.10	228	540293	39.03	ng	99
83) Bis(2-ethylhexyl)phthalate	16.12	149	372226	36.67	ng	# 97
84) Di-n-octyl phthalate	16.91	149	637093	37.59	ng	99
85) Indeno(1,2,3-cd)pyrene	19.19	276	619408	39.25	ng	99
87) Benzo(b)fluoranthene	17.34	252	573625	40.08	ng	99
88) Benzo(k)fluoranthene	17.34	252	573583	40.89	ng	# 94
89) Benzo(a)pyrene	17.72	252	518246	38.02	ng	# 98
90) Dibenzo(a,h)anthracene	19.22	278	509575	39.20	ng	98
91) Benzo(g,h,i)perylene	19.61	276	523746	39.92	ng	96

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

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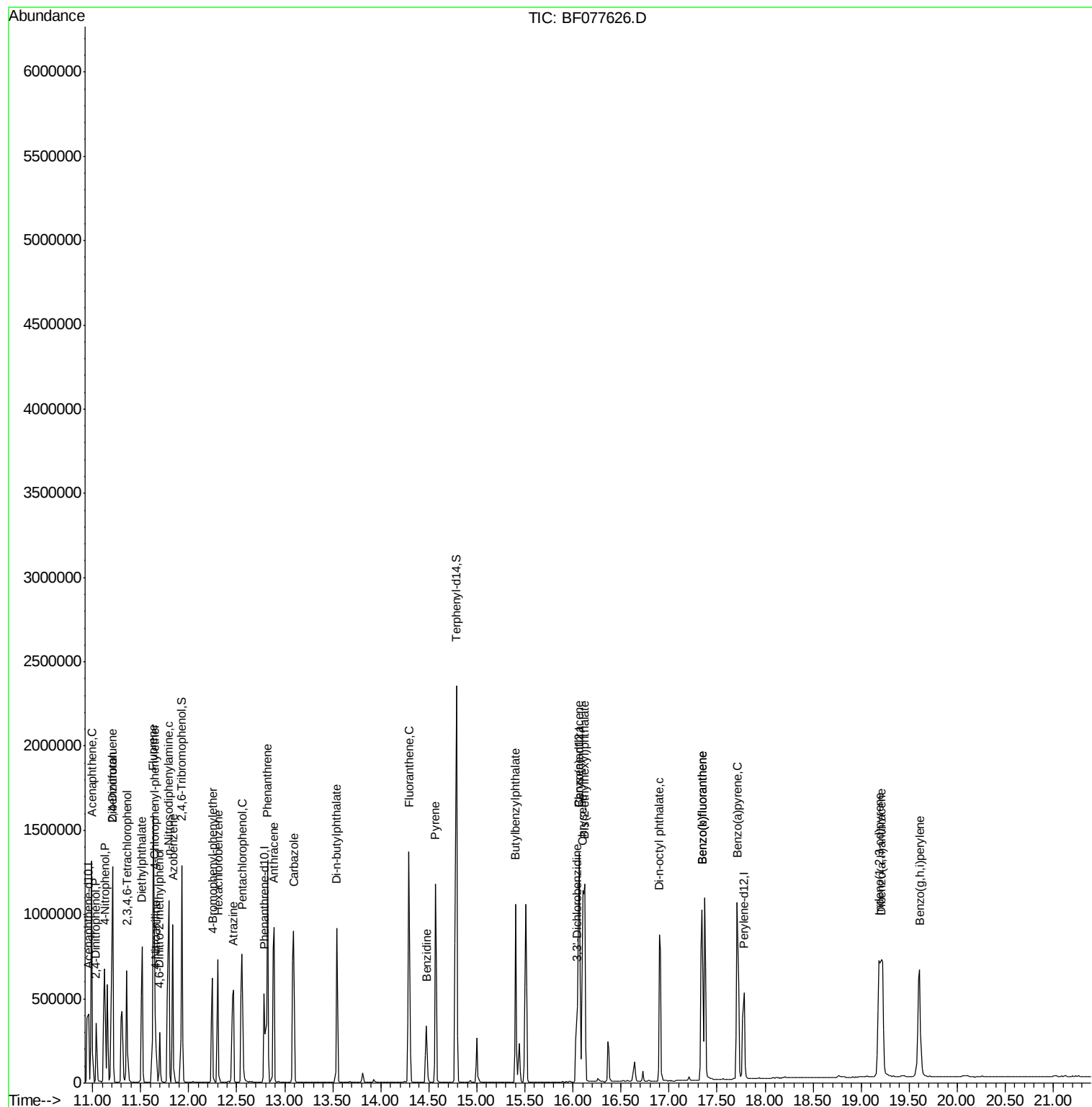
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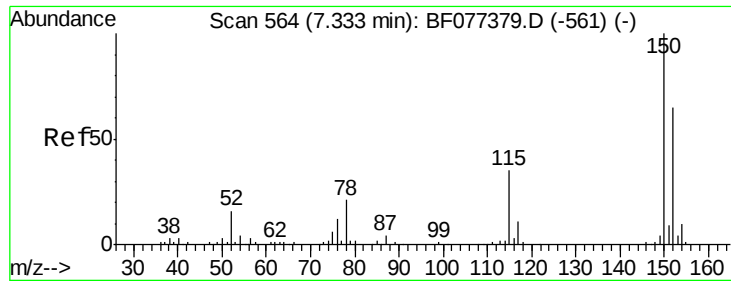


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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.20 min Scan# 553

Delta R.T. -0.00 min

Lab File: BF077626.D

Acq: 6 Mar 2015 17:14

Instrument :

BNA_F

ClientSampleId :

PB81995BS

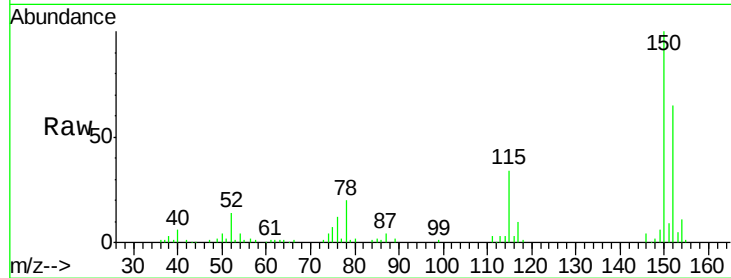
Tgt Ion:152 Resp: 60810

Ion Ratio Lower Upper

152 100

150 152.9 124.0 186.0

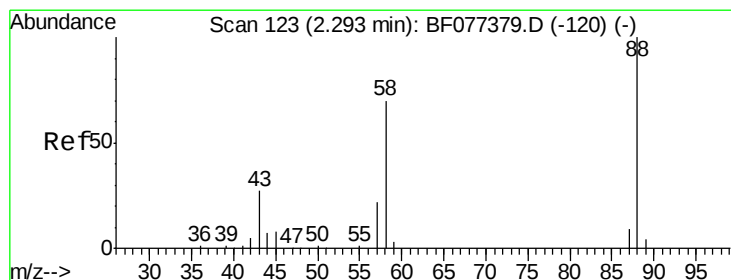
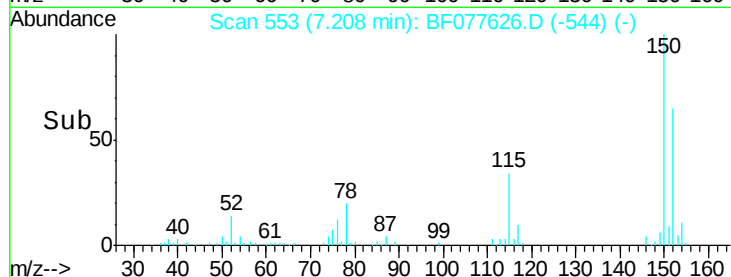
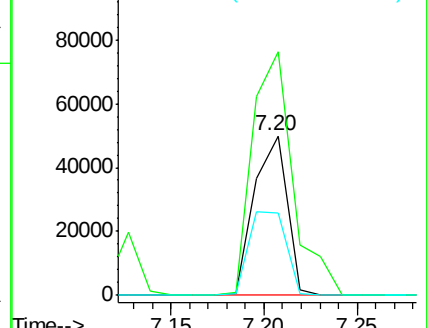
115 52.1 49.4 74.2



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: 35.81 ng

RT: 2.14 min Scan# 109

Delta R.T. 0.03 min

Lab File: BF077626.D

Acq: 6 Mar 2015 17:14

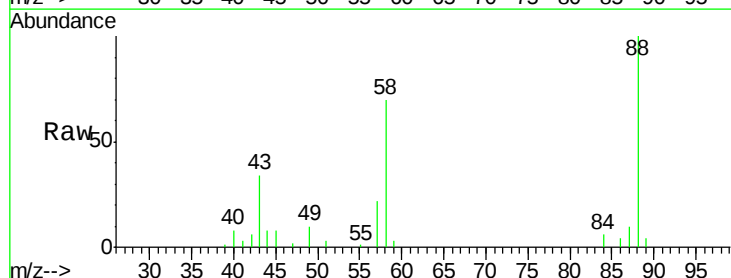
Tgt Ion: 88 Resp: 55350

Ion Ratio Lower Upper

88 100

58 74.2 62.1 93.1

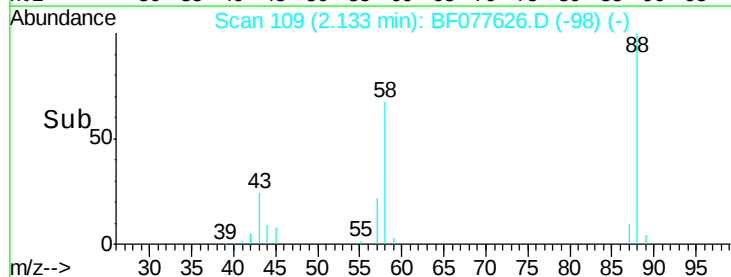
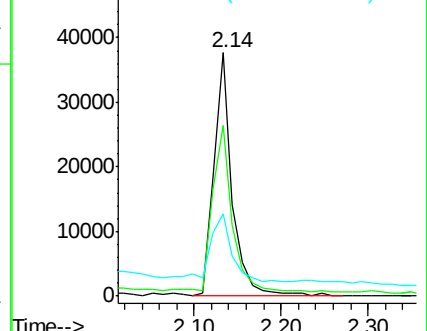
43 33.2 24.0 36.0

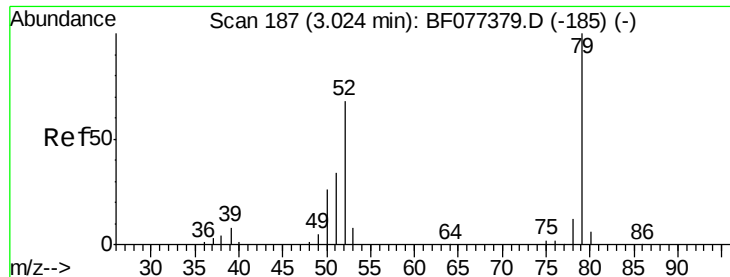


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 33.69 ng

RT: 2.87 min Scan# 174

Delta R.T. 0.03 min

Lab File: BF077626.D

Acq: 6 Mar 2015 17:14

Instrument :

BNA_F

ClientSampleId :

PB81995BS

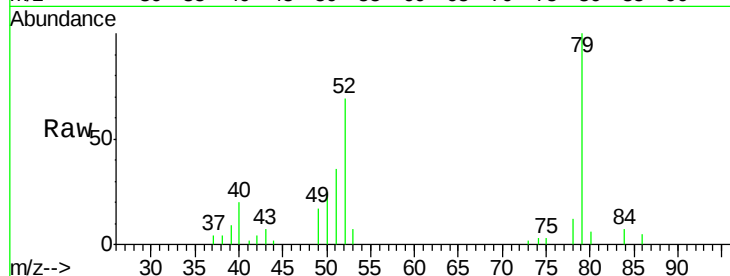
Tgt Ion: 79 Resp: 148981

Ion Ratio Lower Upper

79 100

52 68.5 57.7 86.5

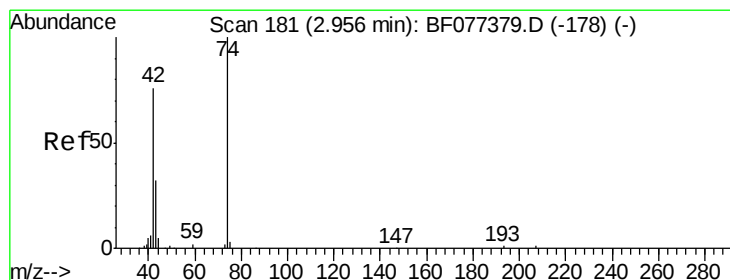
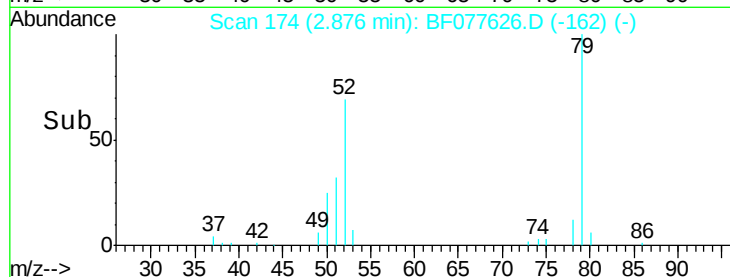
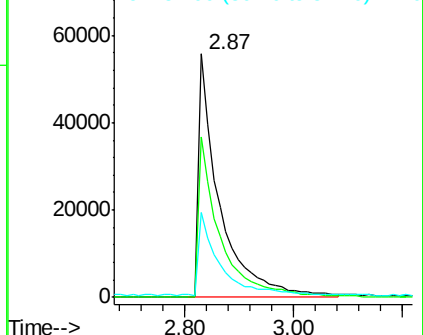
51 36.5 28.5 42.7



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 40.88 ng

RT: 2.77 min Scan# 165

Delta R.T. 0.02 min

Lab File: BF077626.D

Acq: 6 Mar 2015 17:14

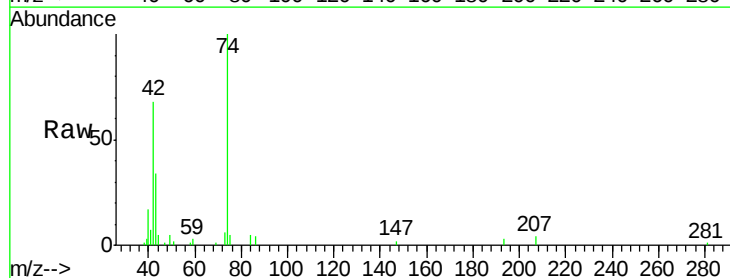
Tgt Ion: 42 Resp: 78586

Ion Ratio Lower Upper

42 100

74 148.1 107.1 160.7

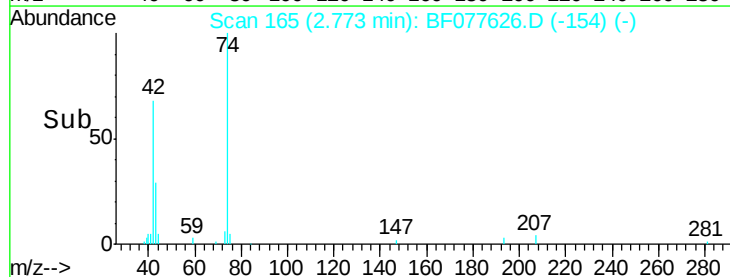
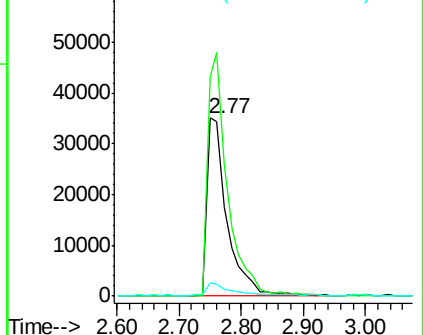
44 8.0 6.7 10.1

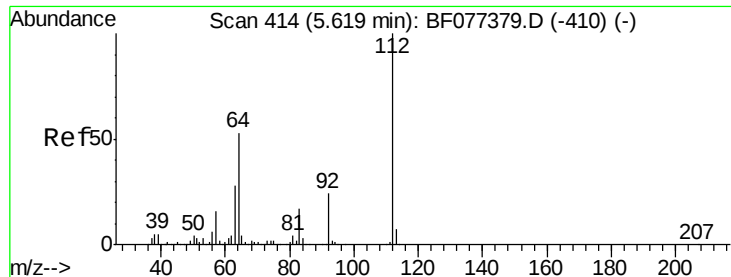


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 122.39 ng

RT: 5.49 min Scan# 403

Delta R.T. 0.00 min

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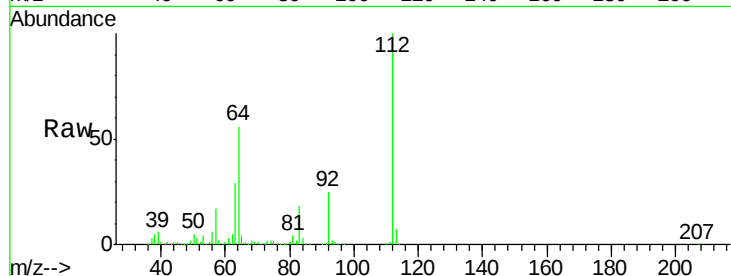
Tgt Ion: 112 Resp: 445822

Ion Ratio Lower Upper

112 100

64 56.4 48.5 72.7

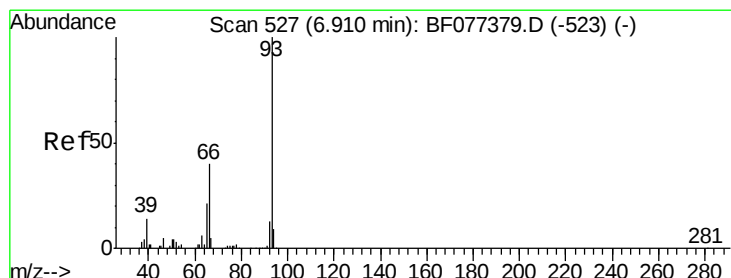
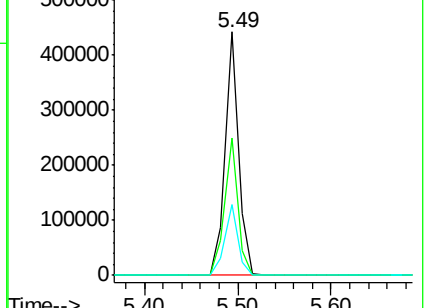
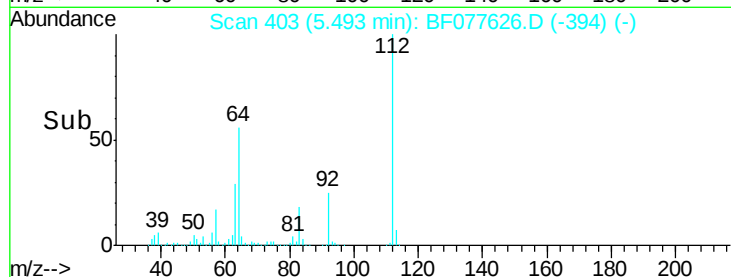
63 29.1 25.0 37.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 11.10 ng

RT: 6.79 min Scan# 517

Delta R.T. 0.00 min

Lab File: BF077626.D

Acq: 6 Mar 2015 17:14

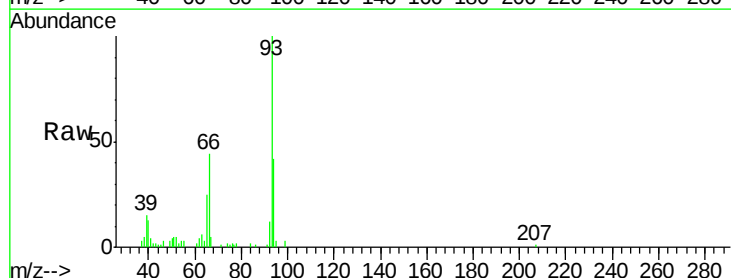
Tgt Ion: 93 Resp: 71869

Ion Ratio Lower Upper

93 100

66 43.8 29.1 43.7#

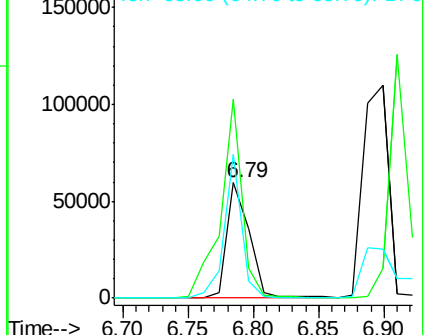
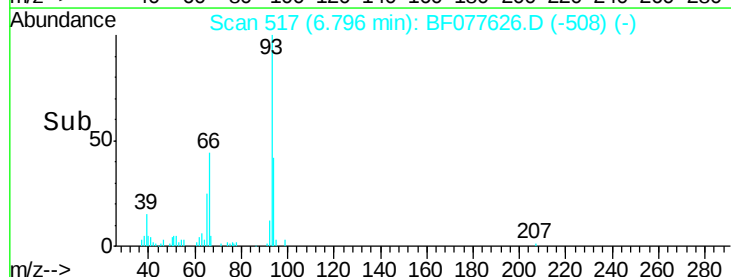
65 24.7 14.6 22.0#

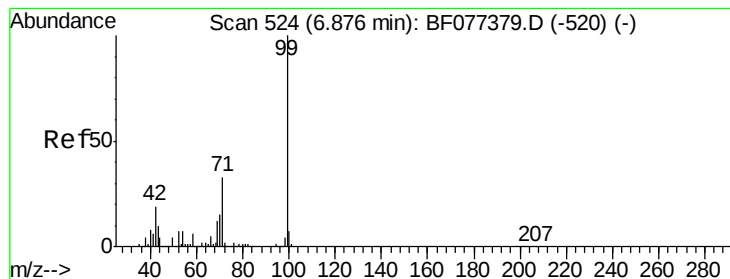


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 121.79 ng

RT: 6.77 min Scan# 515

Delta R.T. -0.00 min

Lab File: BF077626.D

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ClientSampled :

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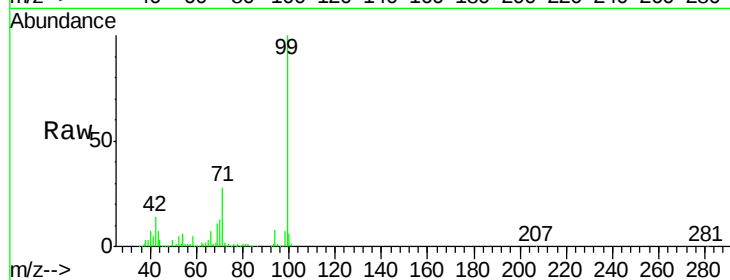
Tgt Ion: 99 Resp: 570410

Ion Ratio Lower Upper

99 100

42 13.7 16.2 24.4#

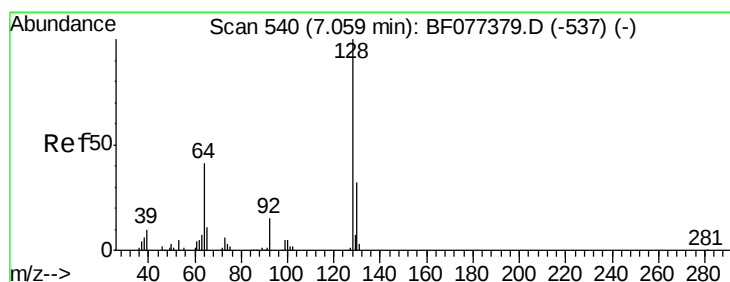
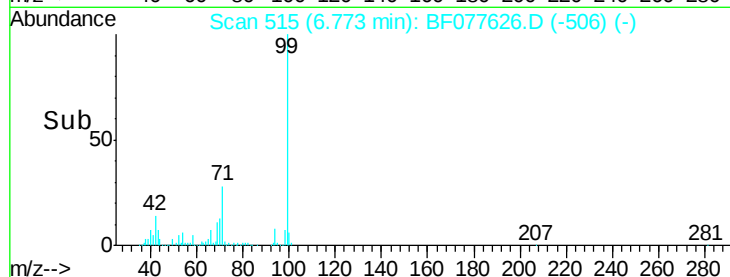
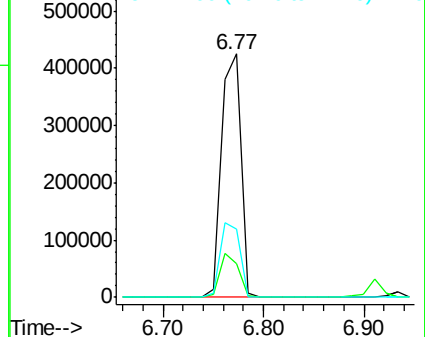
71 27.9 26.7 40.1



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: 39.27 ng

RT: 6.93 min Scan# 529

Delta R.T. -0.00 min

Lab File: BF077626.D

Acq: 6 Mar 2015 17:14

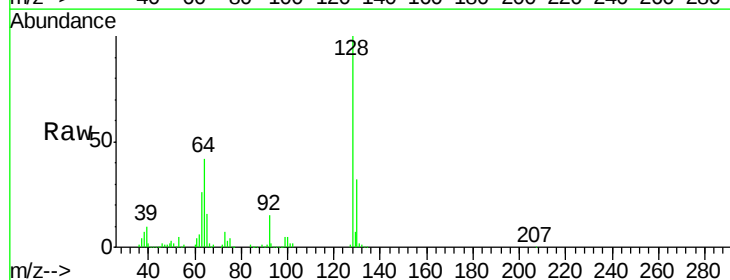
Tgt Ion: 128 Resp: 168731

Ion Ratio Lower Upper

128 100

130 32.1 12.0 52.0

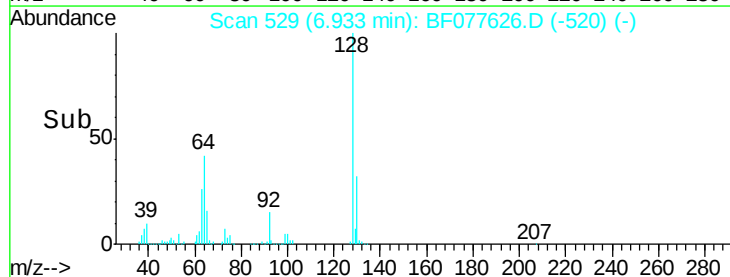
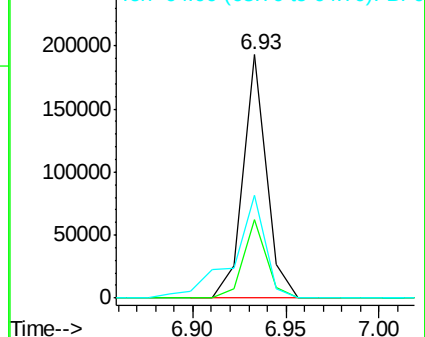
64 42.0 29.2 69.2

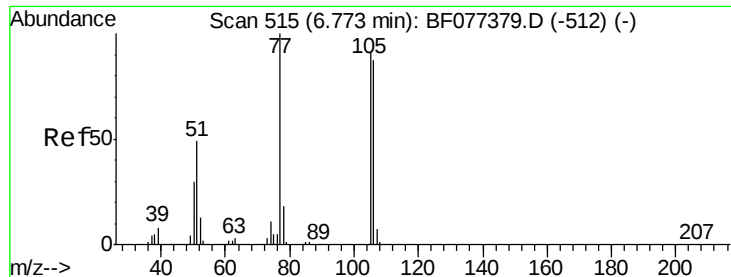


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 9.42 ng

RT: 6.65 min Scan# 504

Delta R.T. -0.00 min

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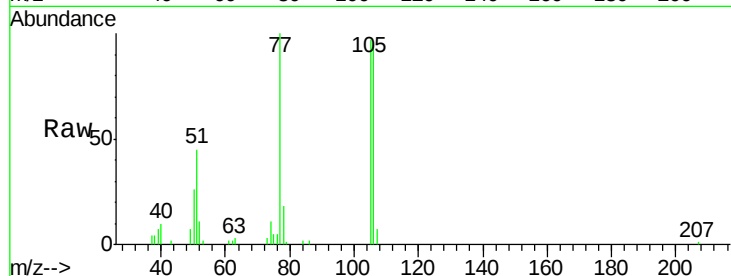
Tgt Ion: 77 Resp: 26790

Ion Ratio Lower Upper

77 100

105 97.4 85.9 125.9

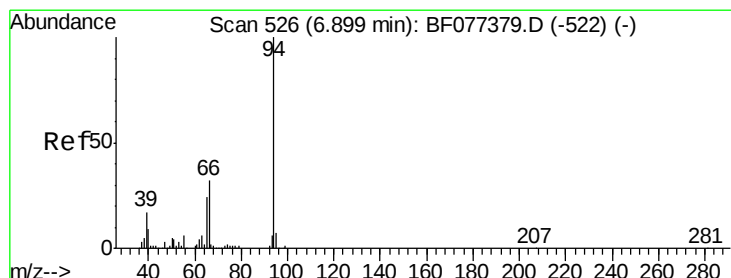
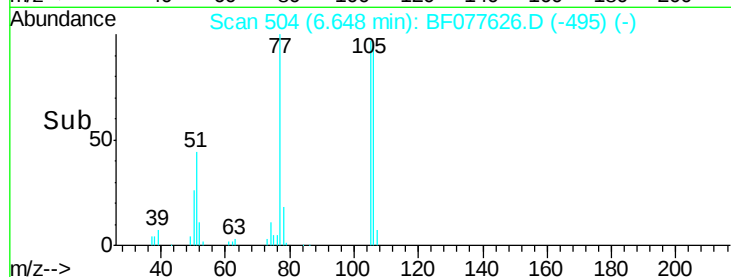
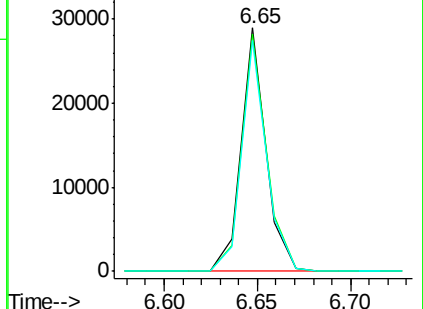
106 94.7 82.9 122.9



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: 37.58 ng

RT: 6.78 min Scan# 516

Delta R.T. -0.00 min

Lab File: BF077626.D

Acq: 6 Mar 2015 17:14

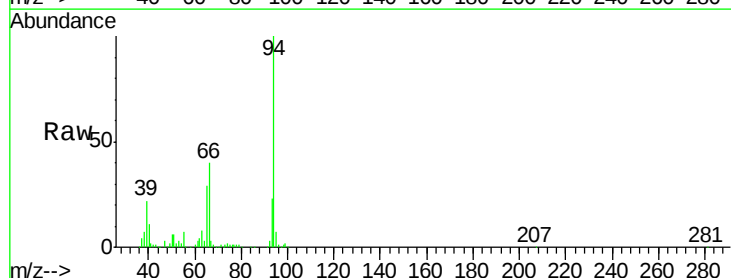
Tgt Ion: 94 Resp: 208815

Ion Ratio Lower Upper

94 100

65 28.9 5.7 45.7

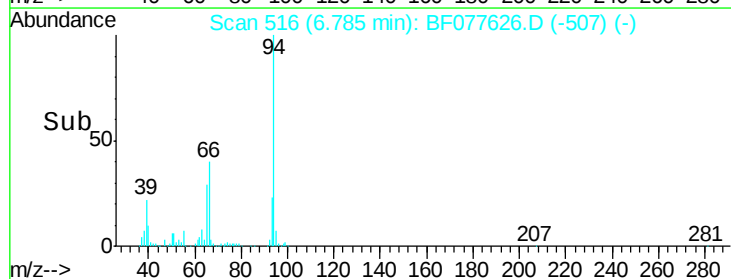
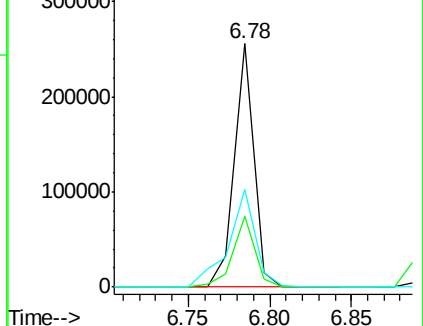
66 40.2 13.6 53.6

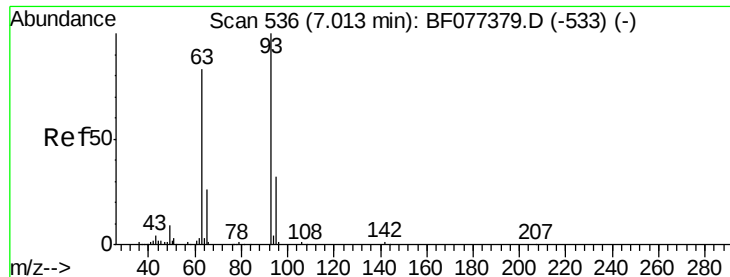


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

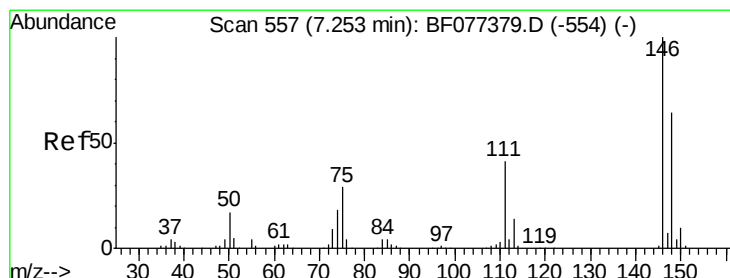
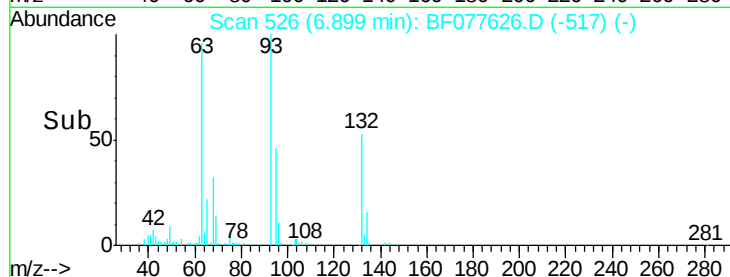
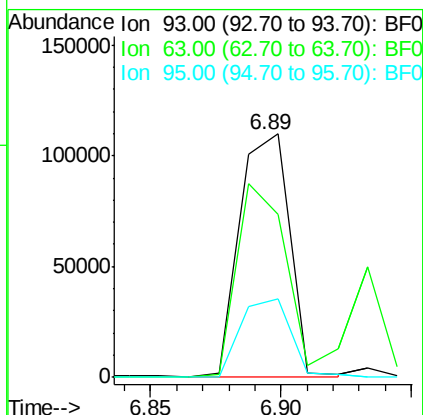
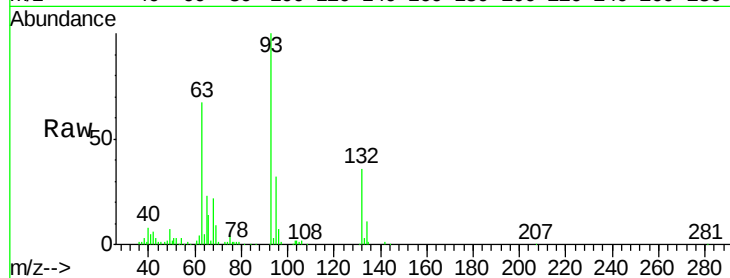




#11
bis(2-Chloroethyl)ether
Concen: 36.65 ng
RT: 6.89 min Scan# 526
Delta R.T. -0.00 min
Lab File: BF077626.D
Acq: 6 Mar 2015 17:14

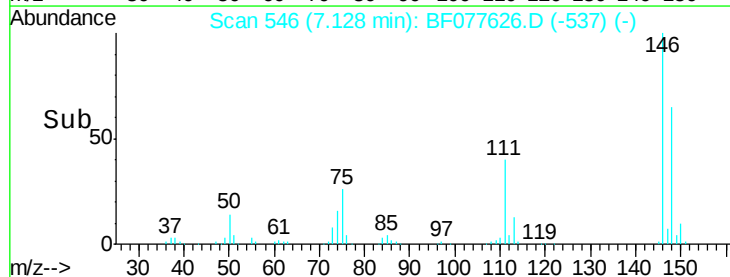
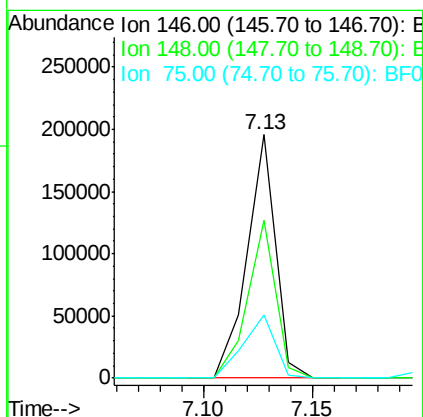
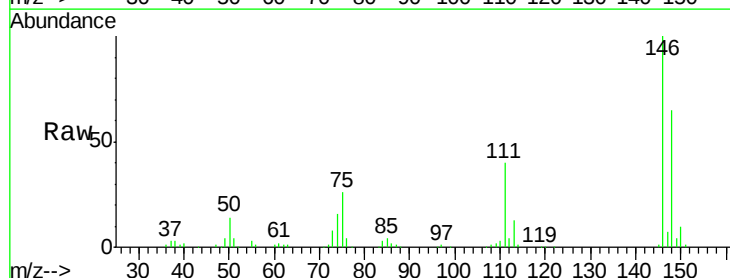
Instrument :
BNA_F
ClientSampled :
PB81995BS

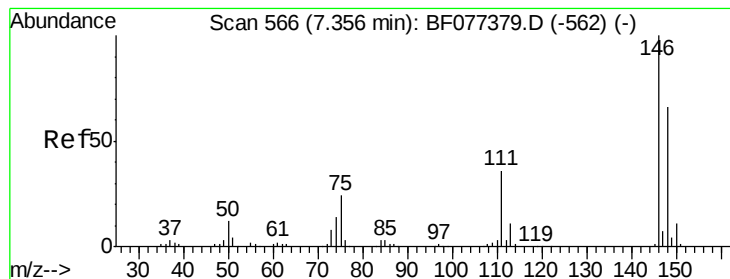
Tgt Ion: 93 Resp: 146337
Ion Ratio Lower Upper
93 100
63 67.0 48.7 88.7
95 32.0 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 37.95 ng
RT: 7.13 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF077626.D
Acq: 6 Mar 2015 17:14

Tgt Ion: 146 Resp: 177555
Ion Ratio Lower Upper
146 100
148 64.9 49.8 74.8
75 25.7 28.2 42.4#





#13

1,4-Dichlorobenzene

Concen: 36.77 ng

RT: 7.22 min Scan# 554

Delta R.T. -0.00 min

Lab File: BF077626.D

Acq: 6 Mar 2015 17:14

Instrument :

BNA_F

ClientSampleId :

PB81995BS

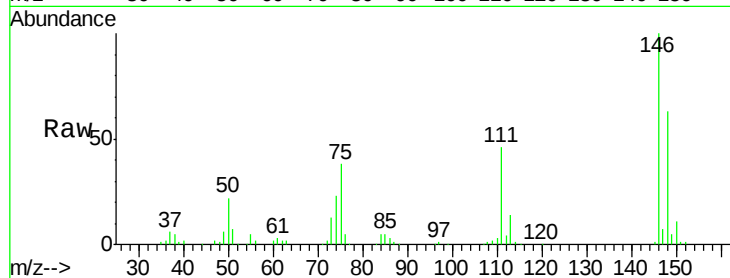
Tgt Ion:146 Resp: 175021

Ion Ratio Lower Upper

146 100

148 62.9 52.0 78.0

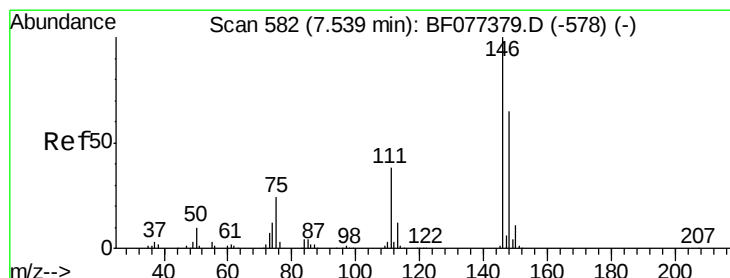
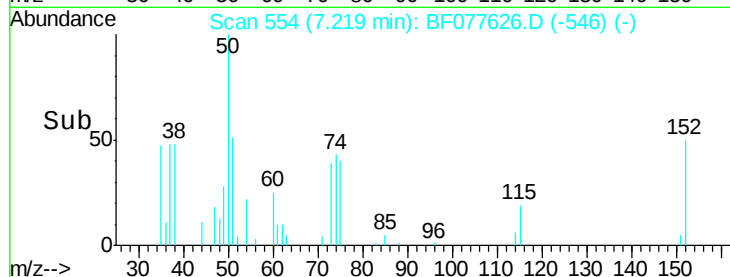
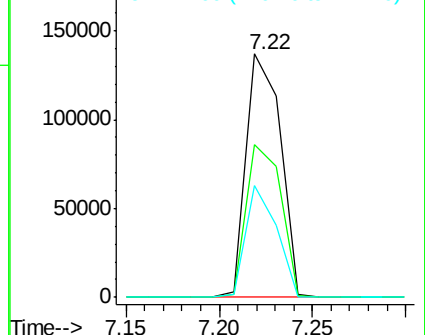
111 46.2 31.9 47.9



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 36.57 ng

RT: 7.41 min Scan# 570

Delta R.T. -0.00 min

Lab File: BF077626.D

Acq: 6 Mar 2015 17:14

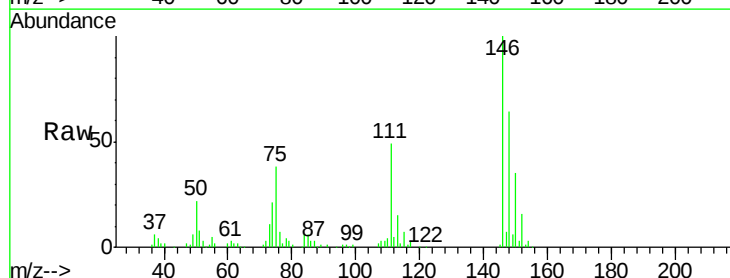
Tgt Ion:146 Resp: 165606

Ion Ratio Lower Upper

146 100

148 63.6 51.6 77.4

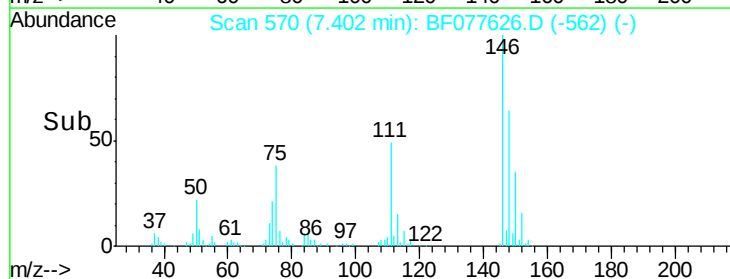
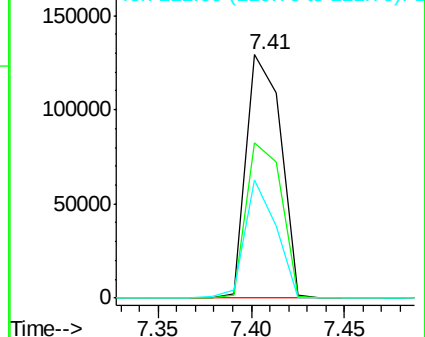
111 48.5 34.2 51.2

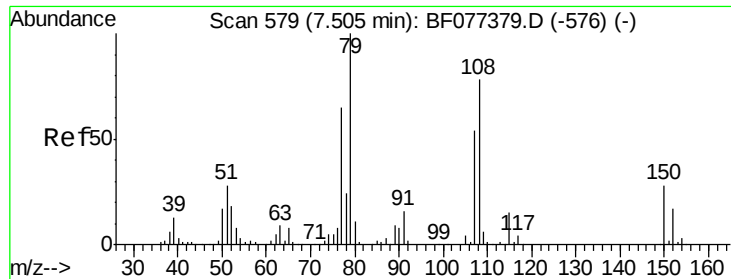


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.80 ng

RT: 7.39 min Scan# 569

Delta R.T. -0.00 min

Lab File: BF077626.D

Acq: 6 Mar 2015 17:14

Instrument :

BNA_F

ClientSampleId :

PB81995BS

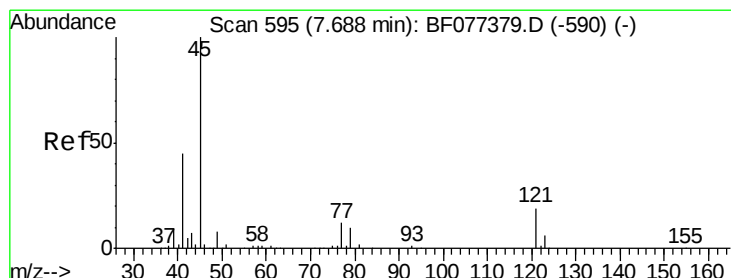
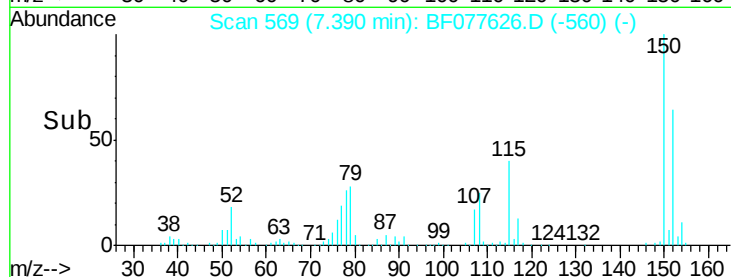
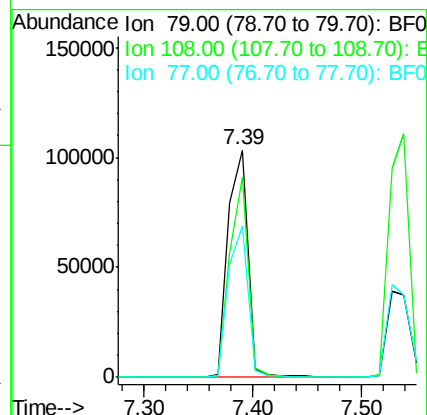
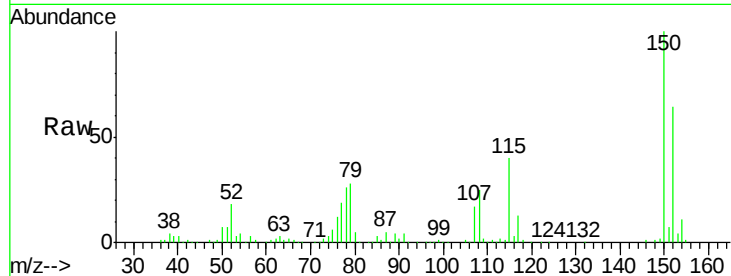
Tgt Ion: 79 Resp: 131021

Ion Ratio Lower Upper

79 100

108 88.4 58.3 87.5#

77 66.9 51.3 76.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.52 ng

RT: 7.56 min Scan# 584

Delta R.T. -0.00 min

Lab File: BF077626.D

Acq: 6 Mar 2015 17:14

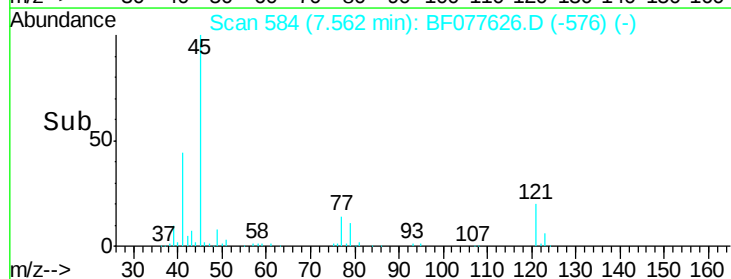
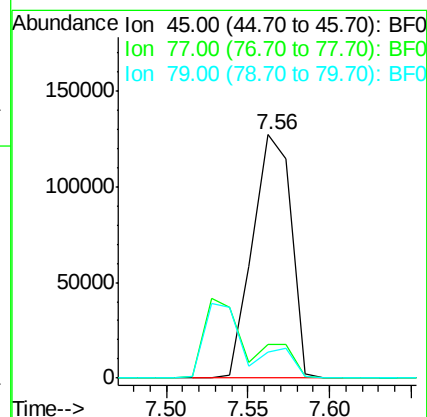
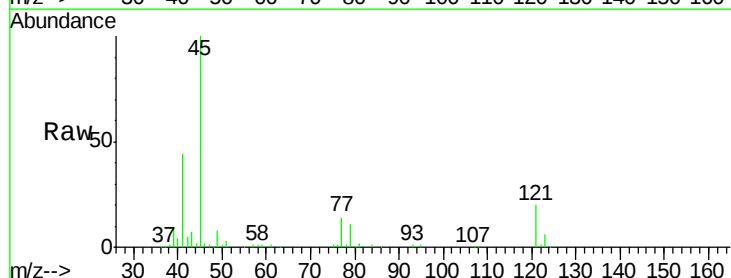
Tgt Ion: 45 Resp: 208463

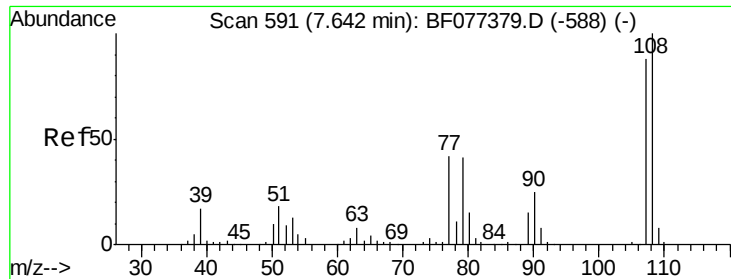
Ion Ratio Lower Upper

45 100

77 13.7 0.0 34.6

79 10.6 0.0 31.5

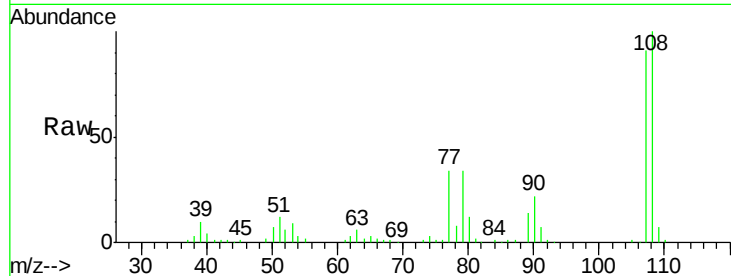




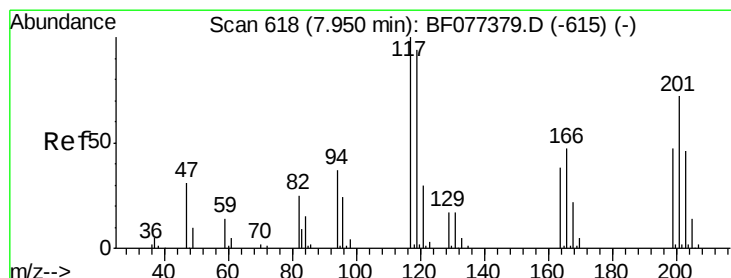
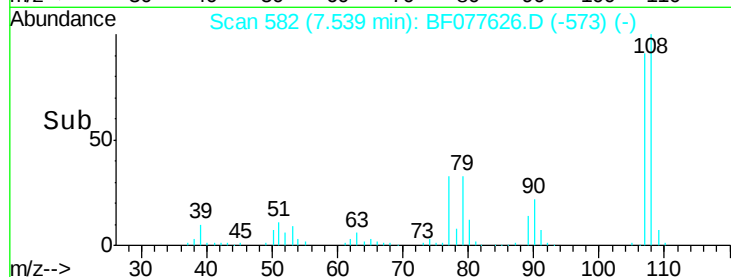
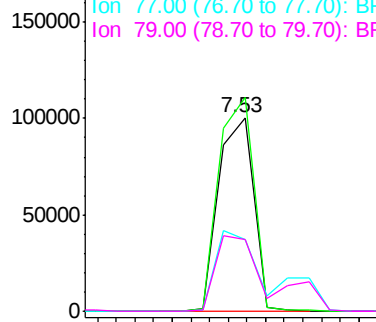
#17
2-Methylphenol
Concen: 38.81 ng
RT: 7.53 min Scan# 582
Delta R.T. -0.00 min
Lab File: BF077626.D
Acq: 6 Mar 2015 17:14

Instrument :
BNA_F
ClientSampleId :
PB81995BS

Tgt Ion:	107	Resp:	130342
Ion	Ratio	Lower	Upper
107	100		
108	110.5	91.2	136.8
77	37.2	33.6	50.4
79	37.2	32.1	48.1

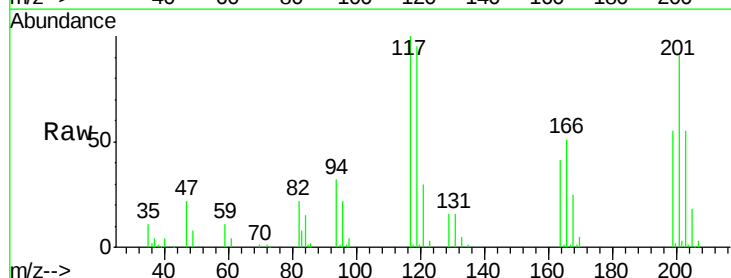


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

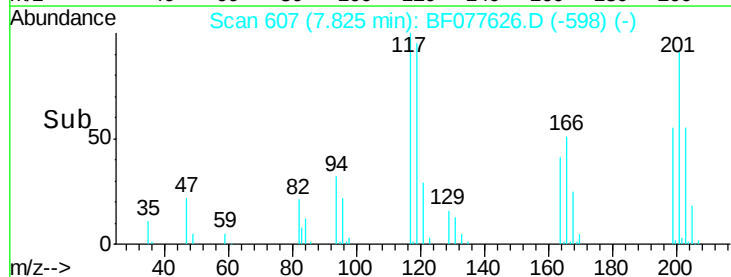
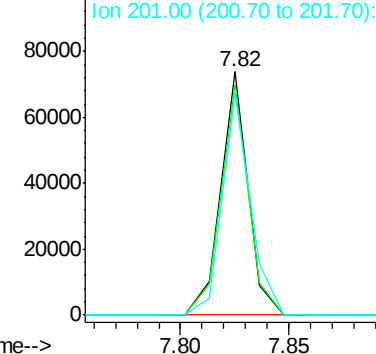


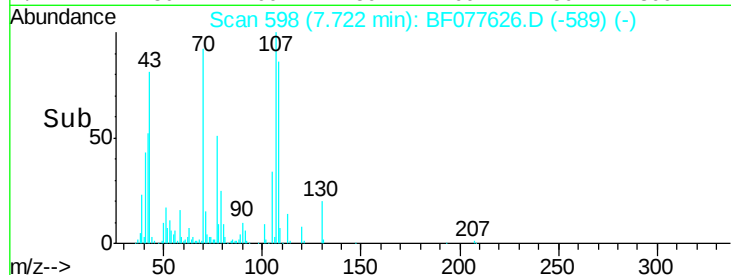
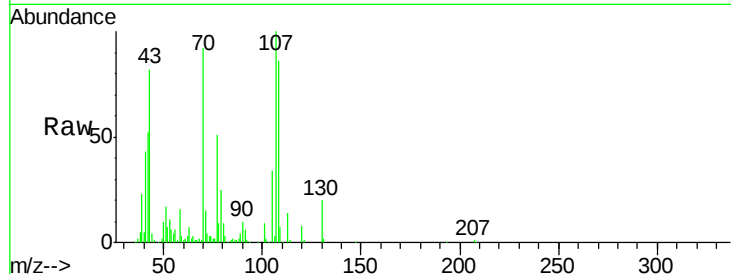
#18
Hexachloroethane
Concen: 40.15 ng
RT: 7.82 min Scan# 607
Delta R.T. -0.00 min
Lab File: BF077626.D
Acq: 6 Mar 2015 17:14

Tgt Ion:	117	Resp:	63830
Ion	Ratio	Lower	Upper
117	100		
119	94.6	77.8	116.8
201	91.0	90.6	136.0



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

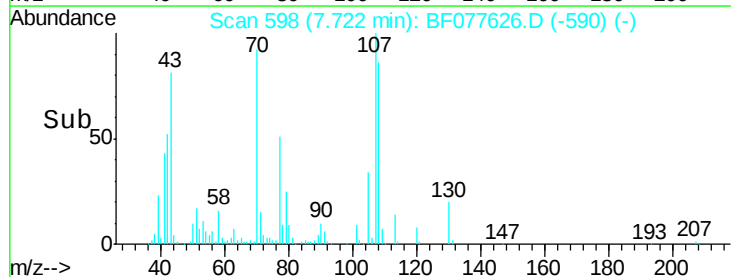
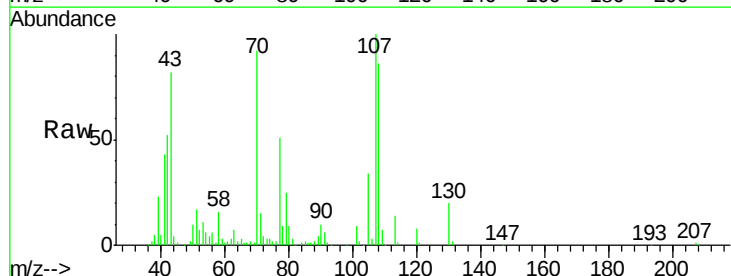
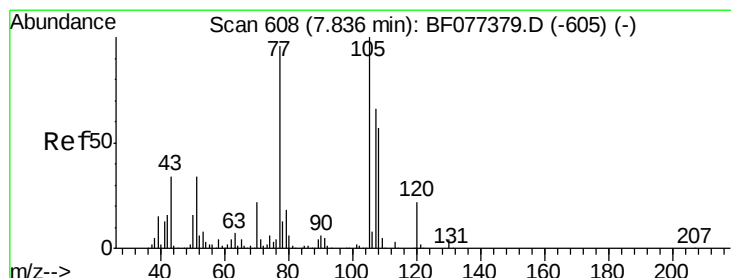
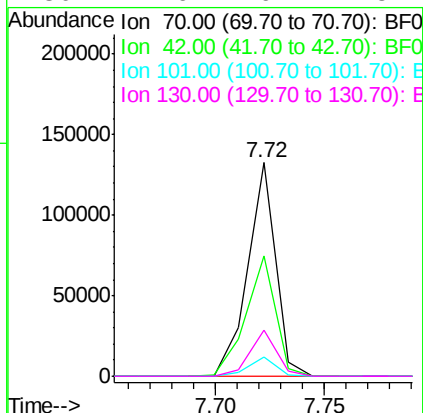




#19
n-Nitroso-di-n-propylamine
Concen: 39.60 ng
RT: 7.72 min Scan# 598
Delta R.T. -0.00 min
Lab File: BF077626.D
Acq: 6 Mar 2015 17:14

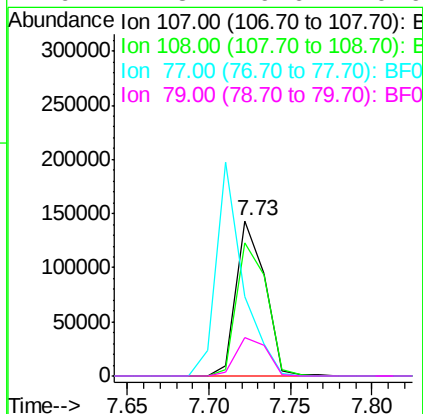
Instrument :
BNA_F
ClientSampleId :
PB81995BS

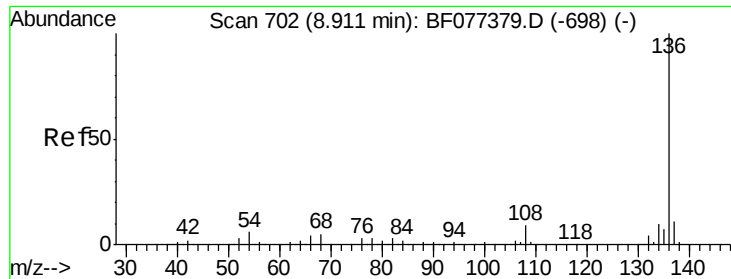
Tgt Ion:	70	Resp:	117776
Ion	Ratio	Lower	Upper
70	100		
42	56.5	48.3	72.5
101	9.2	7.5	11.3
130	21.6	16.7	25.1



#20
3+4-Methylphenols
Concen: 39.58 ng
RT: 7.73 min Scan# 598
Delta R.T. -0.00 min
Lab File: BF077626.D
Acq: 6 Mar 2015 17:14

Tgt Ion:	107	Resp:	175078
Ion	Ratio	Lower	Upper
107	100		
108	85.9	76.8	116.8
77	51.3	65.8	105.8
79	24.8	9.6	49.6

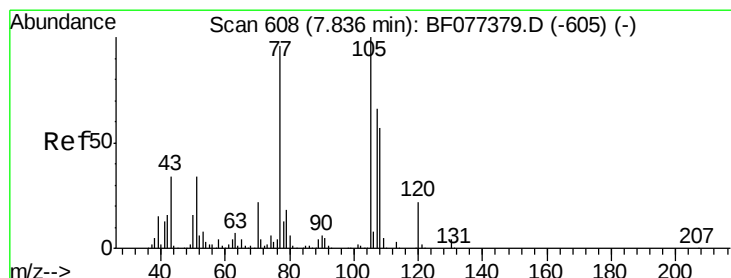
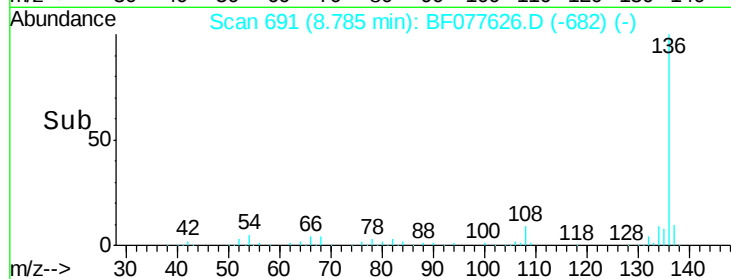
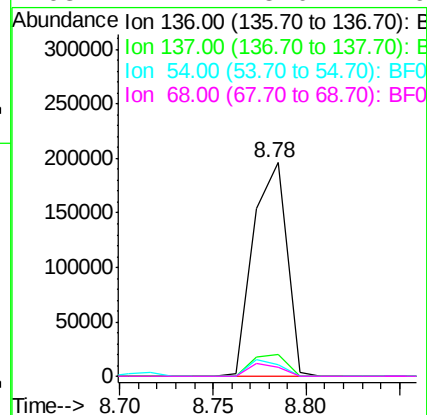
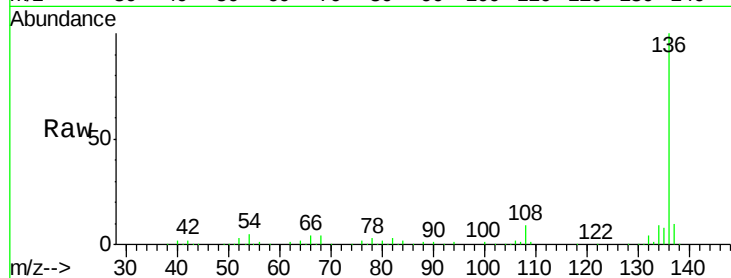




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.78 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF077626.D
Acq: 6 Mar 2015 17:14

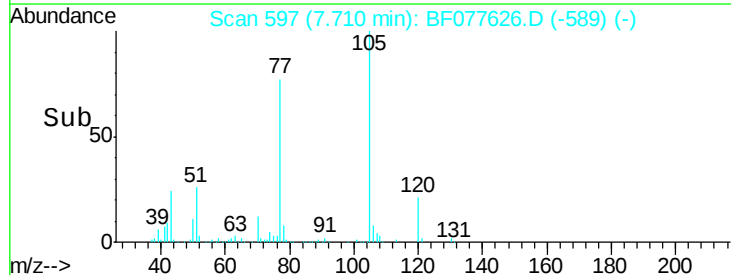
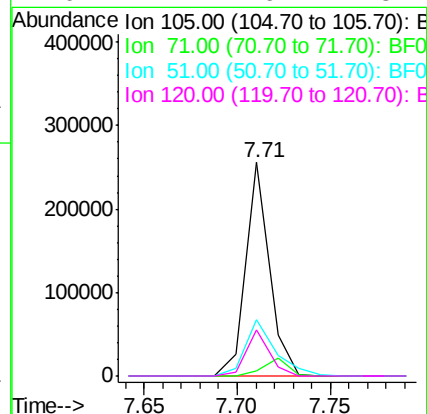
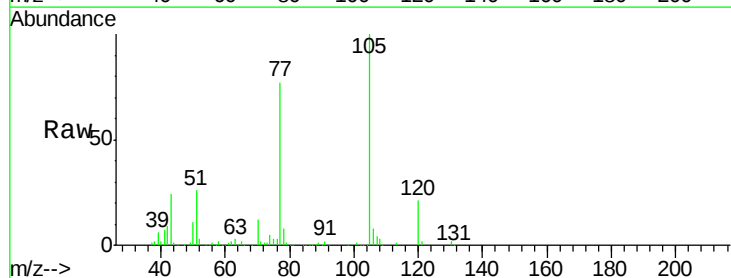
Instrument :
BNA_F
ClientSampleId :
PB81995BS

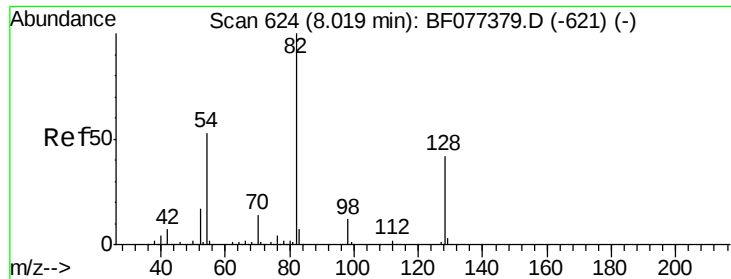
Tgt Ion:	136	Resp:	244562
Ion	Ratio	Lower	Upper
136	100		
137	10.0	8.6	13.0
54	5.2	6.2	9.4#
68	4.4	5.0	7.6#



#22
Acetophenone
Concen: 39.64 ng
RT: 7.71 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF077626.D
Acq: 6 Mar 2015 17:14

Tgt Ion:	105	Resp:	228060
Ion	Ratio	Lower	Upper
105	100		
71	2.1	1.7	2.5
51	26.3	30.7	46.1#
120	21.4	16.7	25.1

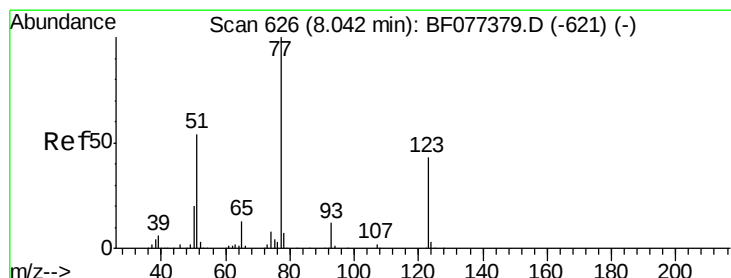
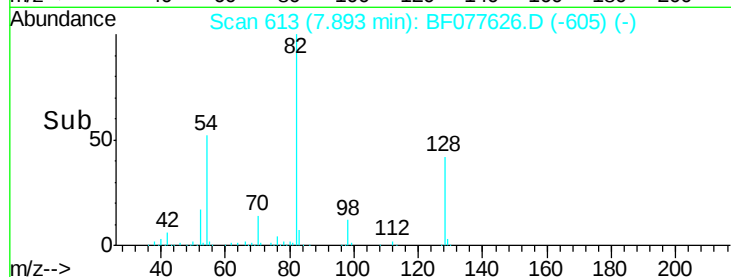
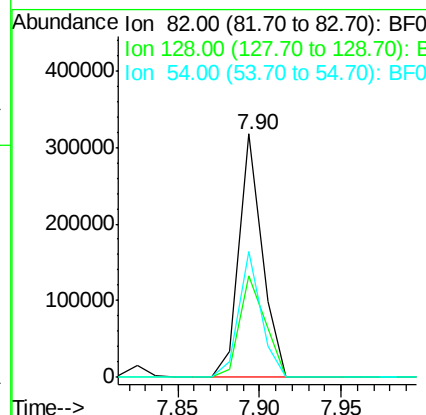
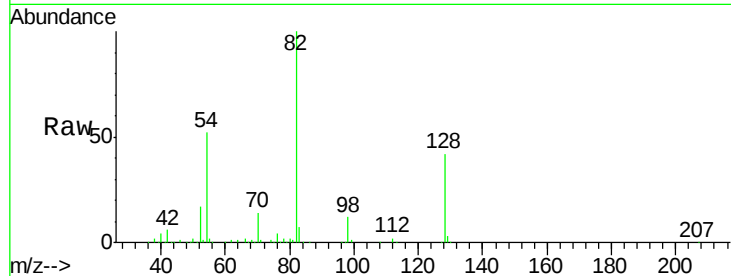




#23
 Nitrobenzene-d5
 Concen: 78.96 ng
 RT: 7.90 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF077626.D
 Acq: 6 Mar 2015 17:14

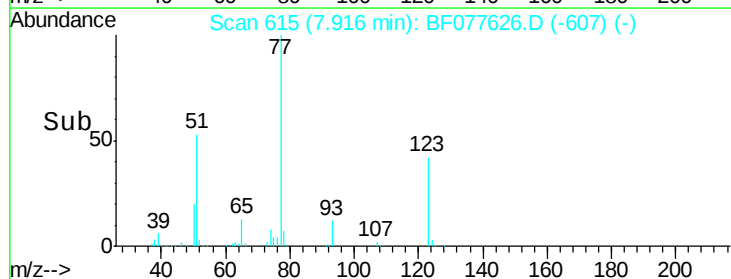
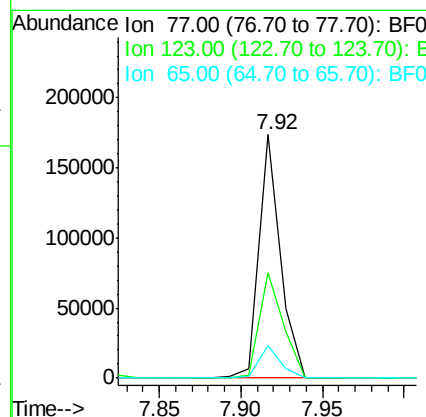
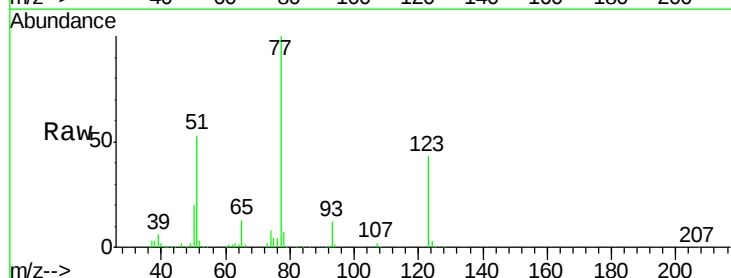
Instrument :
 BNA_F
 ClientSampleId :
 PB81995BS

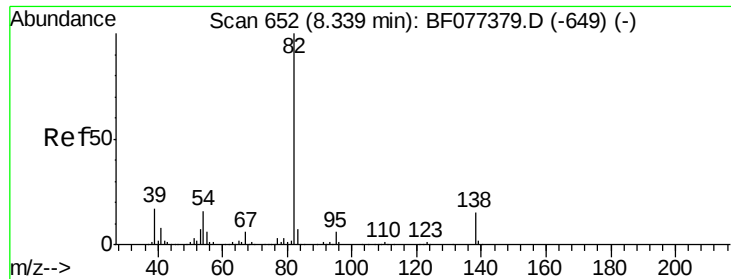
Tgt Ion: 82 Resp: 310517
 Ion Ratio Lower Upper
 82 100
 128 41.7 43.8 65.8#
 54 51.9 36.7 55.1



#24
 Nitrobenzene
 Concen: 38.50 ng
 RT: 7.92 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BF077626.D
 Acq: 6 Mar 2015 17:14

Tgt Ion: 77 Resp: 159287
 Ion Ratio Lower Upper
 77 100
 123 43.5 45.9 68.9#
 65 13.2 9.5 14.3





#25

Isophorone

Concen: 37.77 ng

RT: 8.22 min Scan# 641

Delta R.T. -0.00 min

Lab File: BF077626.D

Acq: 6 Mar 2015 17:14

Instrument :

BNA_F

ClientSampleId :

PB81995BS

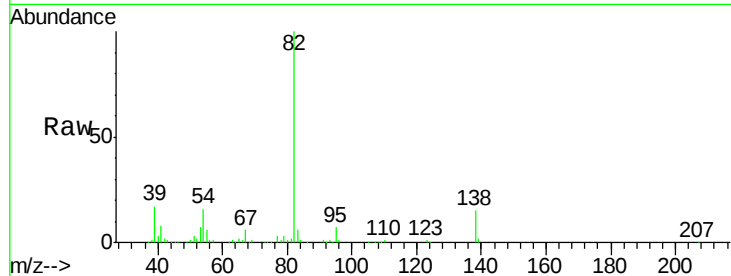
Tgt Ion: 82 Resp: 294698

Ion Ratio Lower Upper

82 100

95 6.6 5.4 8.2

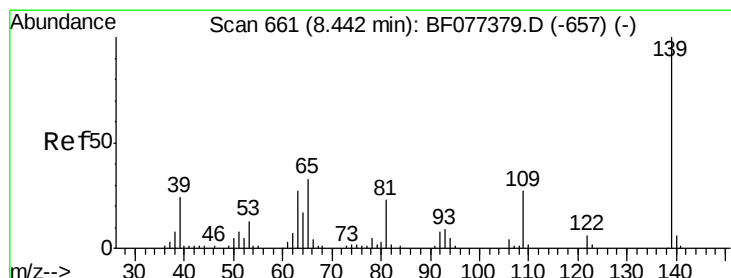
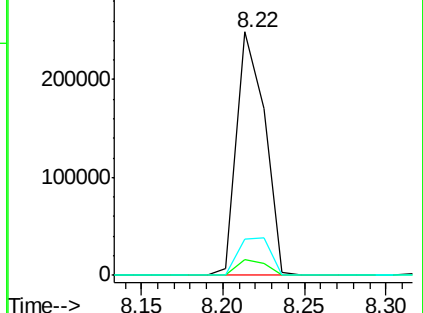
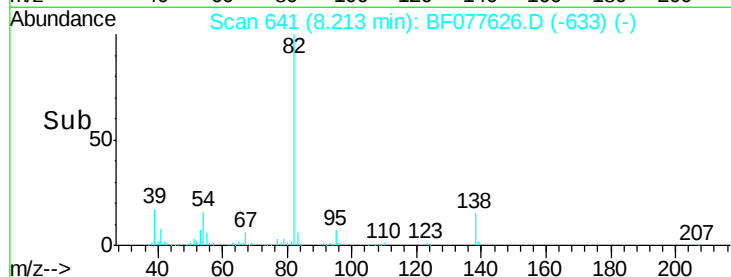
138 15.2 16.3 24.5#



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: 45.25 ng

RT: 8.31 min Scan# 650

Delta R.T. -0.00 min

Lab File: BF077626.D

Acq: 6 Mar 2015 17:14

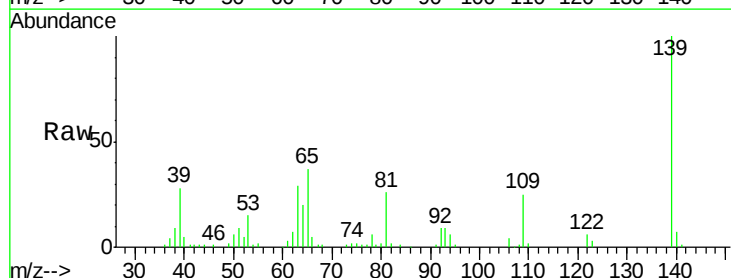
Tgt Ion: 139 Resp: 76747

Ion Ratio Lower Upper

139 100

109 25.3 22.6 34.0

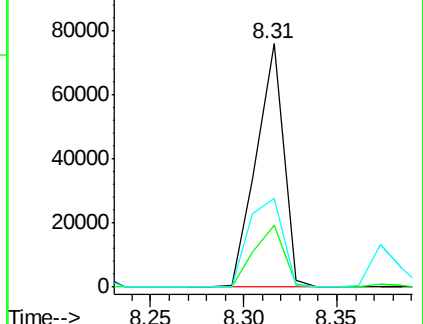
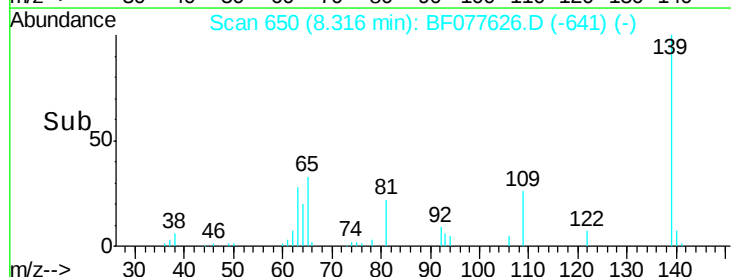
65 36.6 36.4 54.6

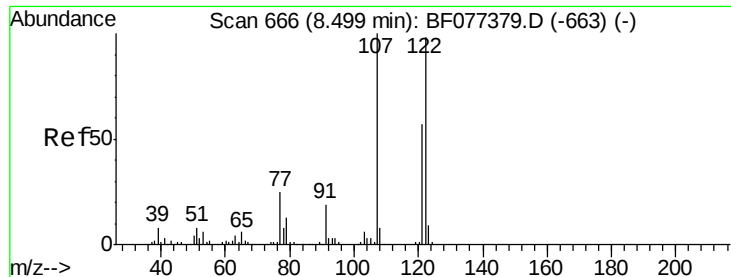


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

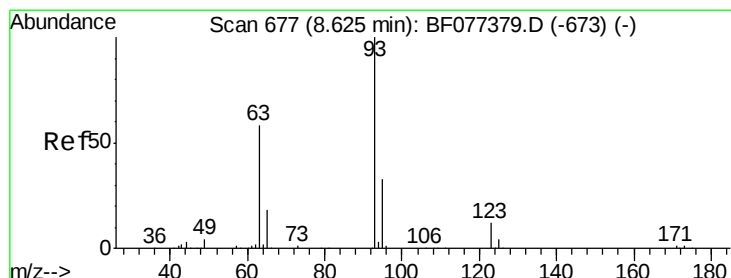
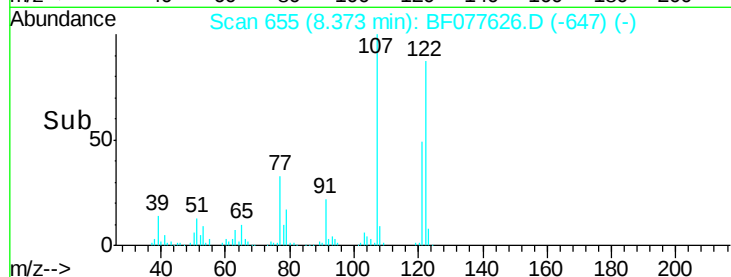
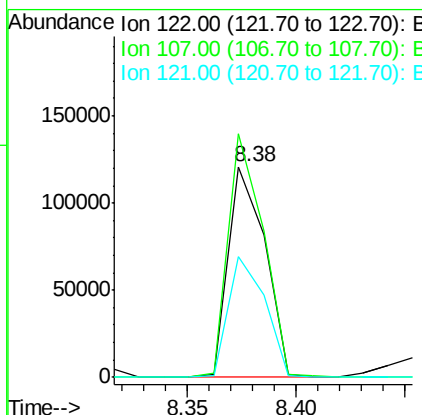
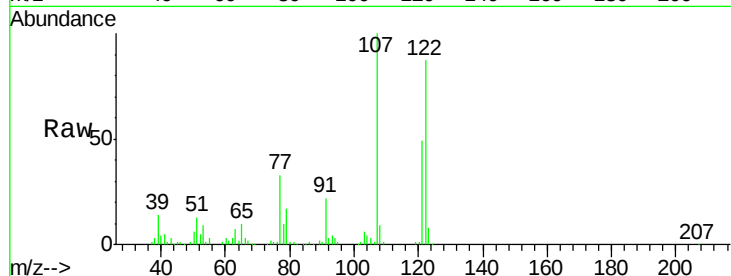




#27
 2,4-Dimethylphenol
 Concen: 37.47 ng
 RT: 8.38 min Scan# 655
 Delta R.T. -0.00 min
 Lab File: BF077626.D
 Acq: 6 Mar 2015 17:14

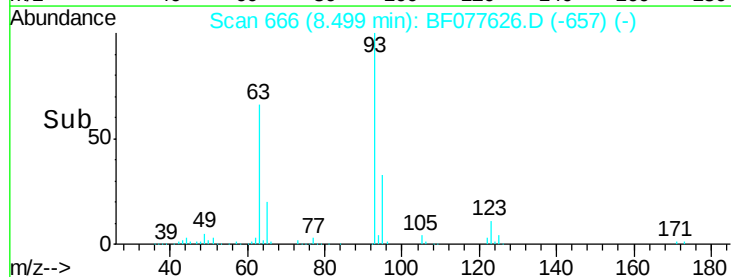
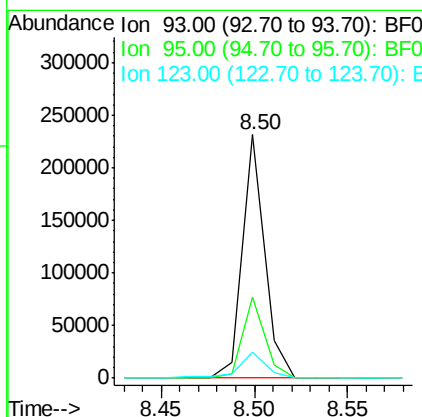
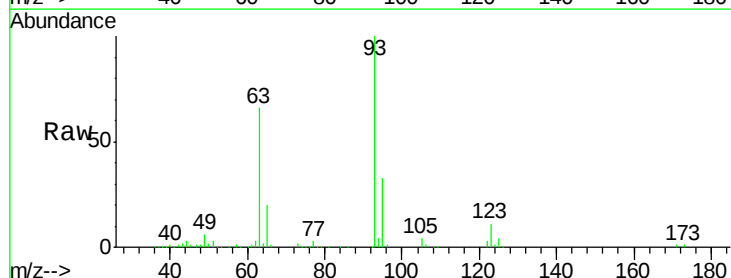
Instrument :
 BNA_F
 ClientSampleId :
 PB81995BS

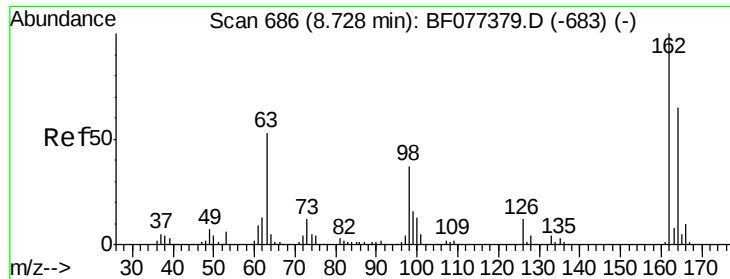
Tgt Ion:122 Resp: 142162
 Ion Ratio Lower Upper
 122 100
 107 115.5 86.6 130.0
 121 57.1 47.4 71.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.26 ng
 RT: 8.50 min Scan# 666
 Delta R.T. -0.00 min
 Lab File: BF077626.D
 Acq: 6 Mar 2015 17:14

Tgt Ion: 93 Resp: 193528
 Ion Ratio Lower Upper
 93 100
 95 33.1 26.4 39.6
 123 10.7 8.7 13.1

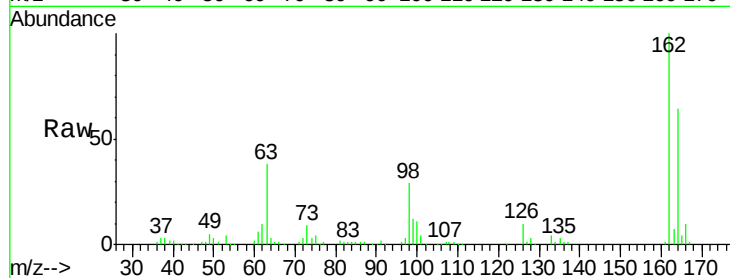




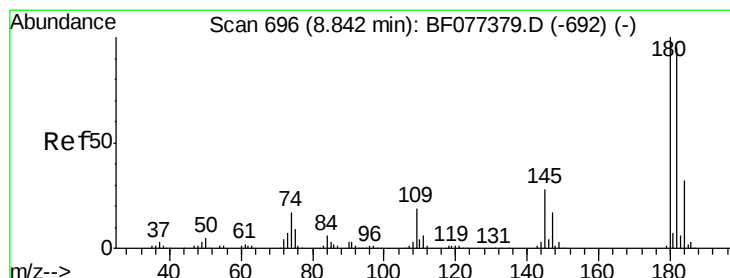
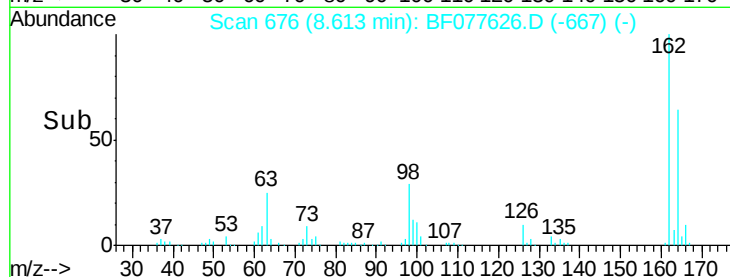
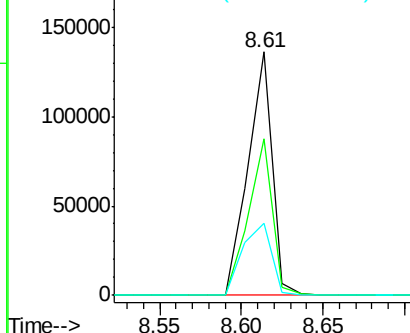
#29
 2,4-Dichlorophenol
 Concen: 39.33 ng
 RT: 8.61 min Scan# 676
 Delta R.T. -0.00 min
 Lab File: BF077626.D
 Acq: 6 Mar 2015 17:14

Instrument :
 BNA_F
 ClientSampleId :
 PB81995BS

Tgt Ion:162 Resp: 140088
 Ion Ratio Lower Upper
 162 100
 164 64.4 46.4 86.4
 98 29.4 6.9 46.9

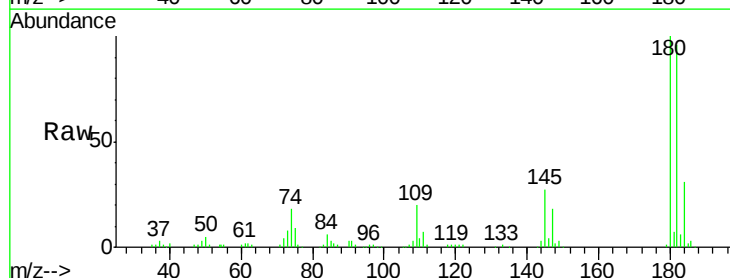


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

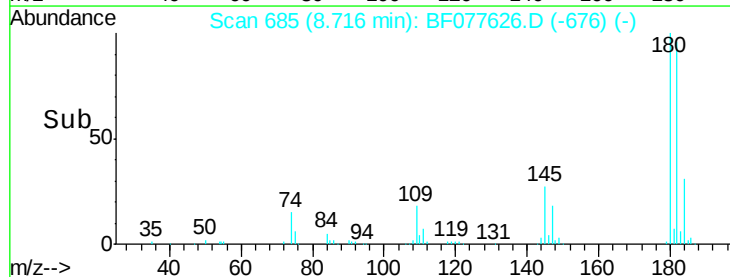
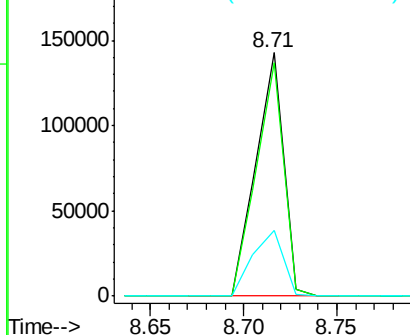


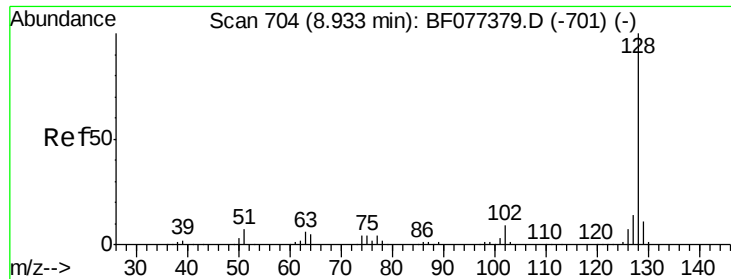
#30
 1,2,4-Trichlorobenzene
 Concen: 37.45 ng
 RT: 8.71 min Scan# 685
 Delta R.T. -0.00 min
 Lab File: BF077626.D
 Acq: 6 Mar 2015 17:14

Tgt Ion:180 Resp: 146656
 Ion Ratio Lower Upper
 180 100
 182 96.0 76.2 114.4
 145 26.8 24.5 36.7



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

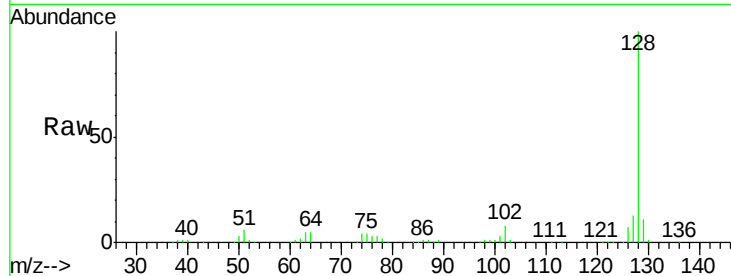




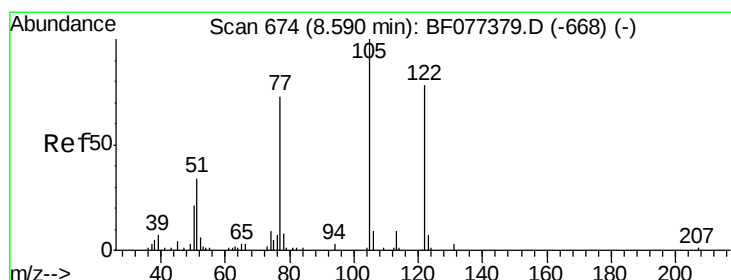
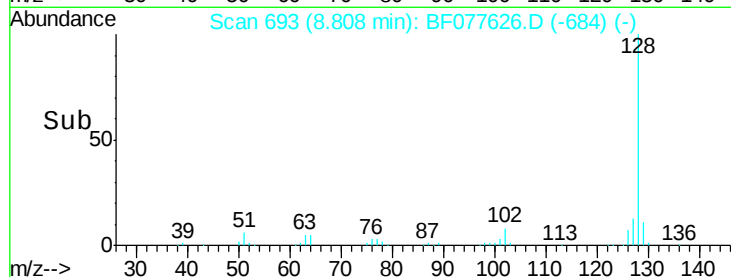
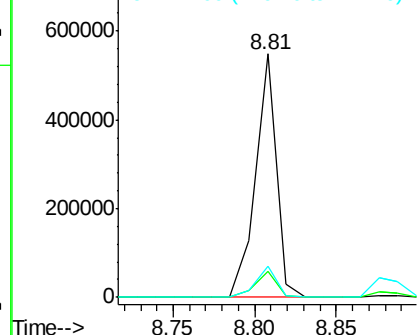
#31
Naphthalene
Concen: 39.63 ng
RT: 8.81 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF077626.D
Acq: 6 Mar 2015 17:14

Instrument :
BNA_F
ClientSampleId :
PB81995BS

Tgt Ion:128 Resp: 484731
Ion Ratio Lower Upper
128 100
129 10.9 9.4 14.0
127 13.0 10.6 15.8

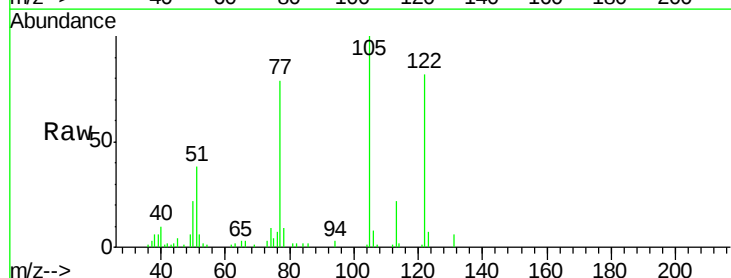


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

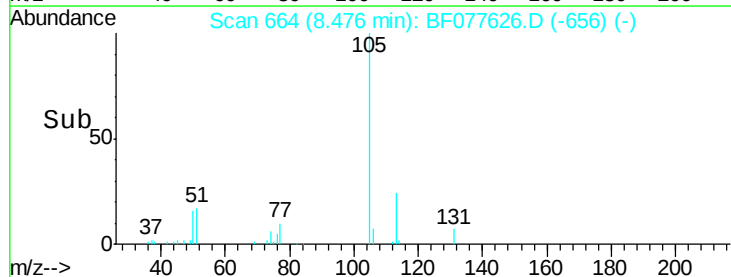
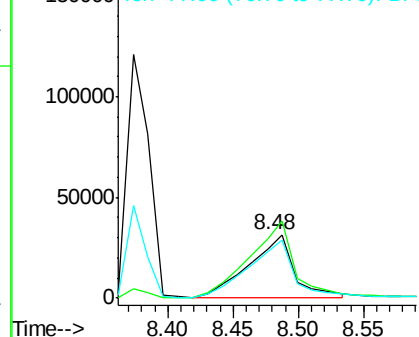


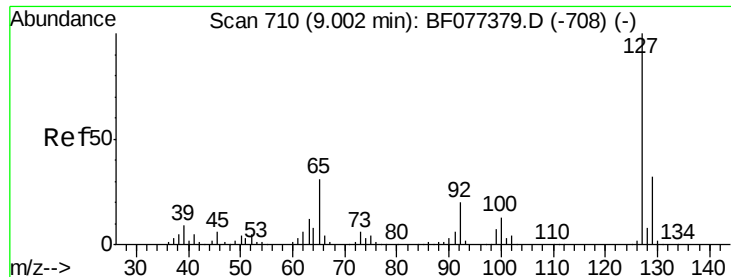
#32
Benzoic acid
Concen: 40.51 ng
RT: 8.48 min Scan# 664
Delta R.T. -0.00 min
Lab File: BF077626.D
Acq: 6 Mar 2015 17:14

Tgt Ion:122 Resp: 74693
Ion Ratio Lower Upper
122 100
105 122.5 100.3 140.3
77 96.3 68.7 108.7



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

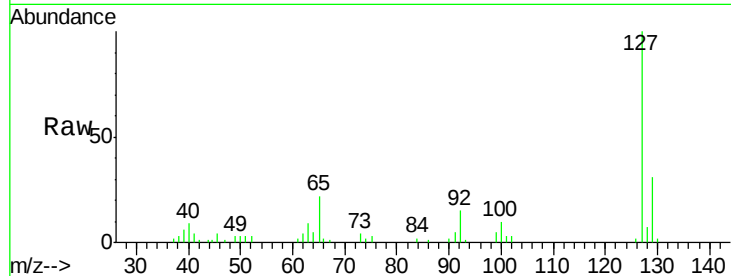




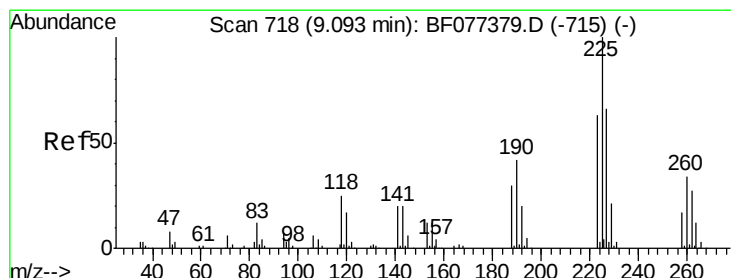
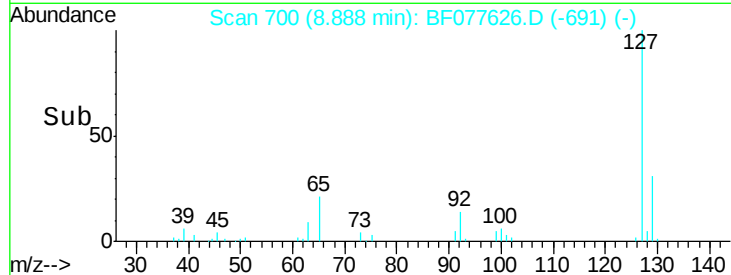
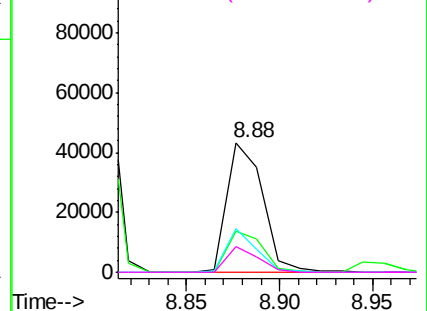
#33
4-Chloroaniline
Concen: 10.78 ng
RT: 8.88 min Scan# 700
Delta R.T. -0.00 min
Lab File: BF077626.D
Acq: 6 Mar 2015 17:14

Instrument :
BNA_F
ClientSampleId :
PB81995BS

Tgt Ion:	127	Resp:	58618
Ion	Ratio	Lower	Upper
127	100		
129	31.4	26.9	40.3
65	21.5	16.7	25.1
92	15.1	12.5	18.7

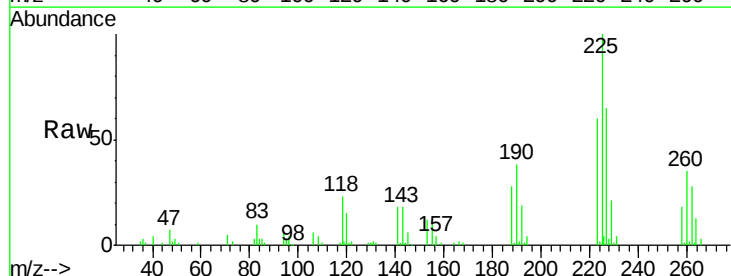


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

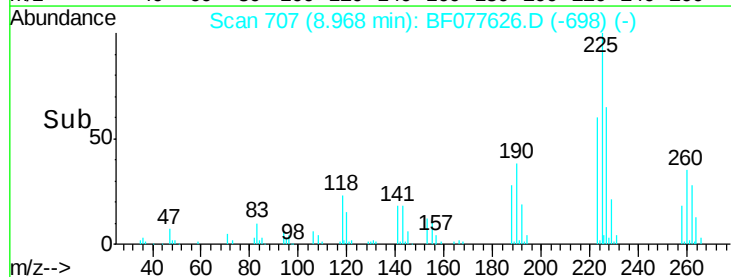
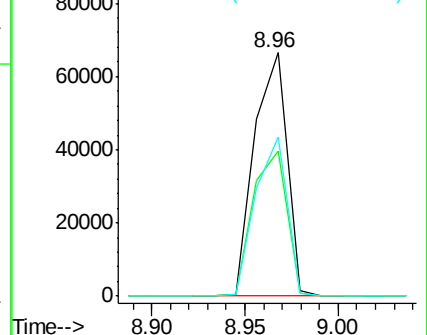


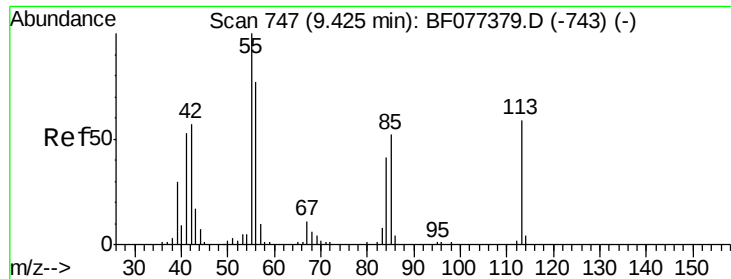
#34
Hexachlorobutadiene
Concen: 35.91 ng
RT: 8.96 min Scan# 707
Delta R.T. -0.00 min
Lab File: BF077626.D
Acq: 6 Mar 2015 17:14

Tgt Ion:	225	Resp:	80274
Ion	Ratio	Lower	Upper
225	100		
223	59.8	49.5	74.3
227	65.1	50.5	75.7



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

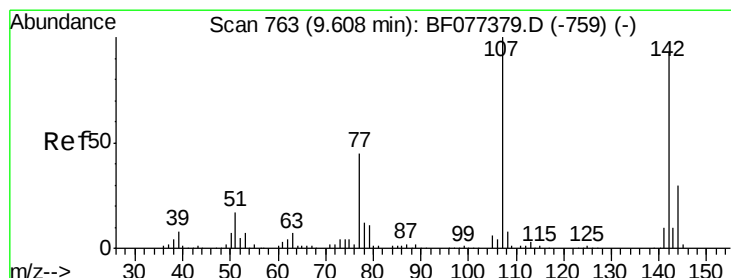
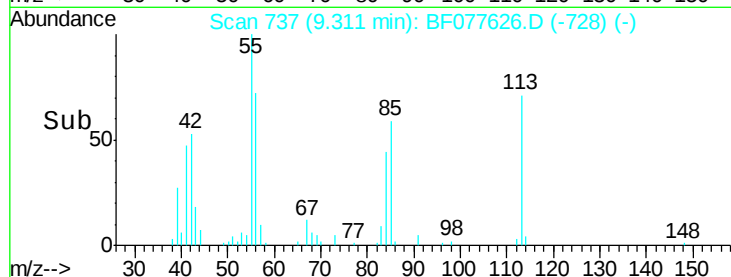
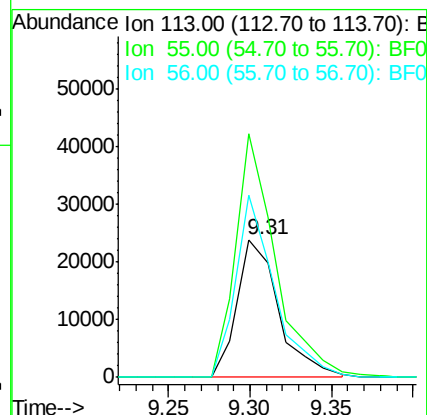
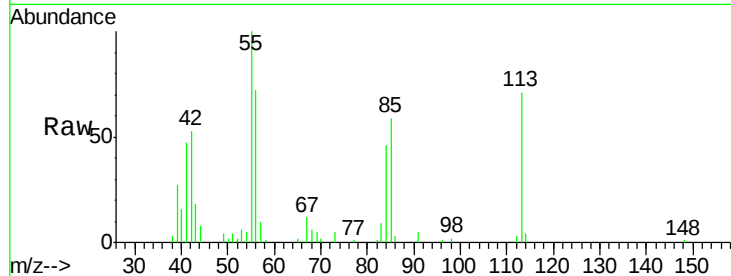




#35
 Caprolactam
 Concen: 39.12 ng
 RT: 9.31 min Scan# 737
 Delta R.T. 0.00 min
 Lab File: BF077626.D
 Acq: 6 Mar 2015 17:14

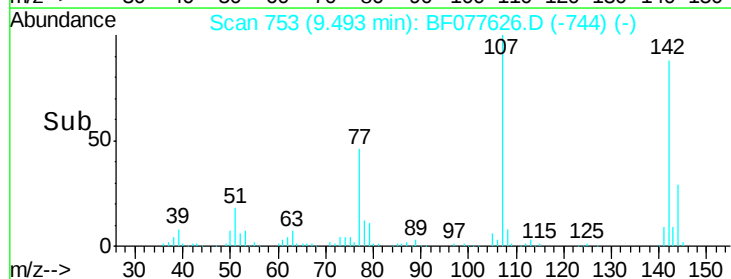
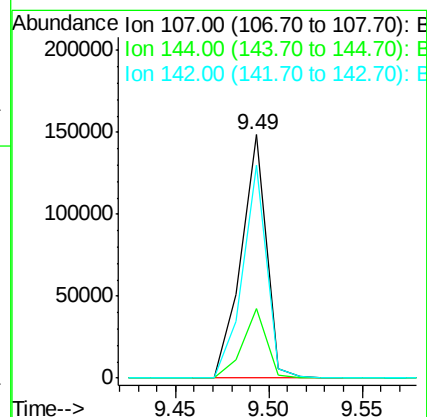
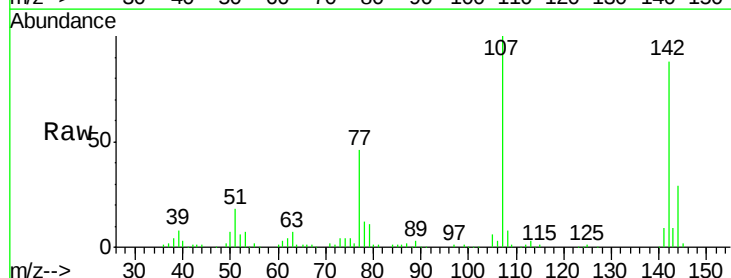
Instrument :
 BNA_F
 ClientSampled :
 PB81995BS

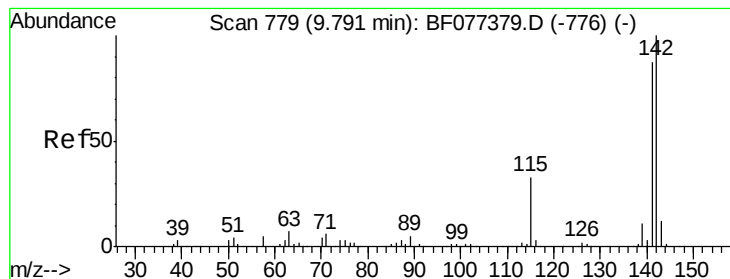
Tgt Ion:113 Resp: 42534
 Ion Ratio Lower Upper
 113 100
 55 140.3 154.6 194.6#
 56 101.1 114.0 154.0#



#36
 4-Chloro-3-methylphenol
 Concen: 39.57 ng
 RT: 9.49 min Scan# 753
 Delta R.T. -0.00 min
 Lab File: BF077626.D
 Acq: 6 Mar 2015 17:14

Tgt Ion:107 Resp: 141688
 Ion Ratio Lower Upper
 107 100
 144 28.6 21.1 31.7
 142 87.5 65.3 97.9





#37

2-Methylnaphthalene

Concen: 38.71 ng

RT: 9.67 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF077626.D

Acq: 6 Mar 2015 17:14

Instrument :

BNA_F

ClientSampleId :

PB81995BS

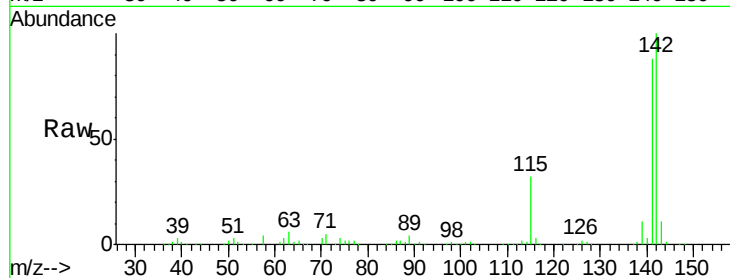
Tgt Ion:142 Resp: 336204

Ion Ratio Lower Upper

142 100

141 87.6 70.7 106.1

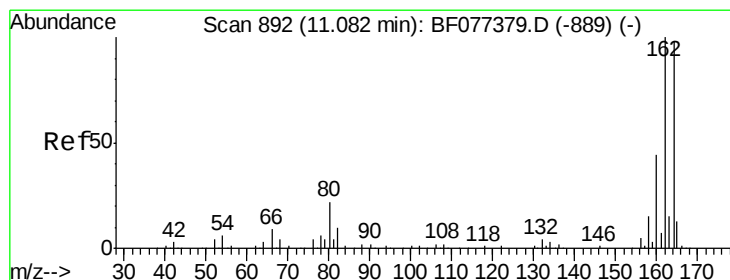
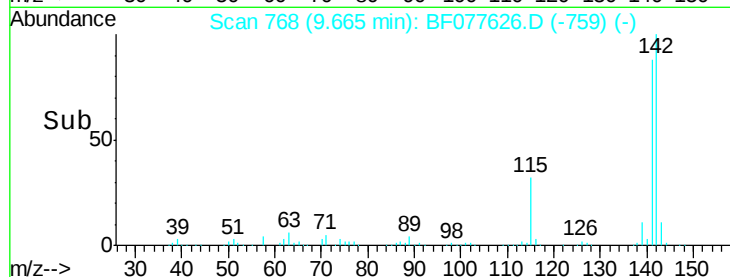
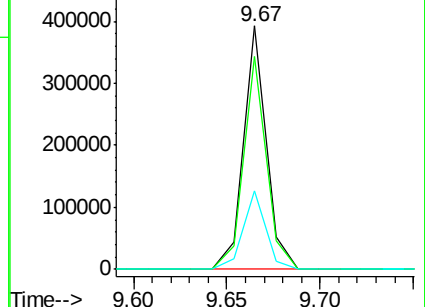
115 32.2 24.2 36.4



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: 10.95 min Scan# 881

Delta R.T. -0.00 min

Lab File: BF077626.D

Acq: 6 Mar 2015 17:14

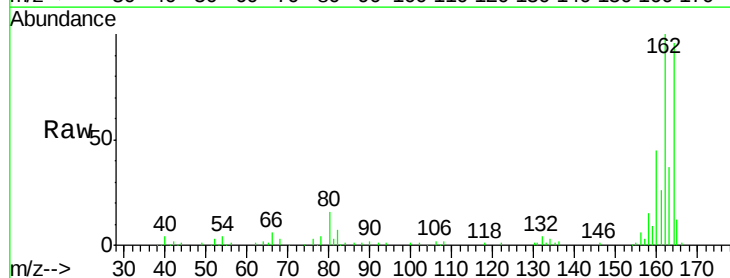
Tgt Ion:164 Resp: 120756

Ion Ratio Lower Upper

164 100

162 104.2 83.2 124.8

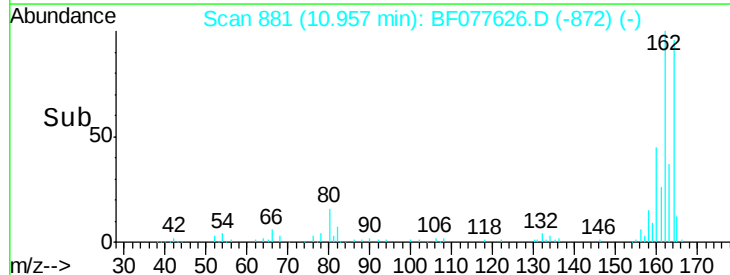
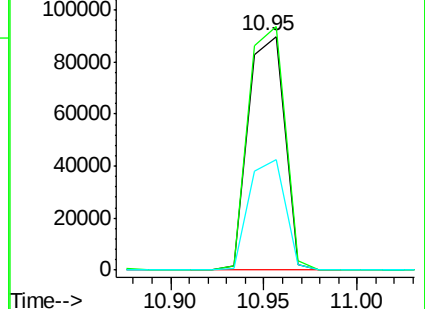
160 47.1 34.6 52.0

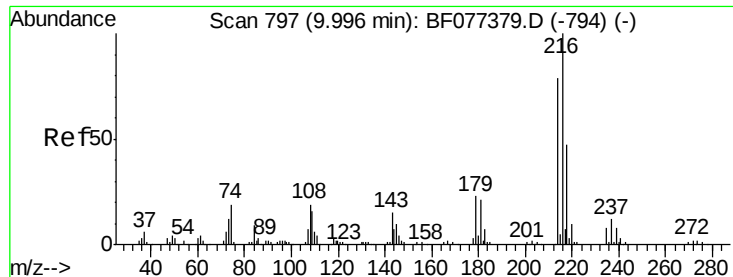


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

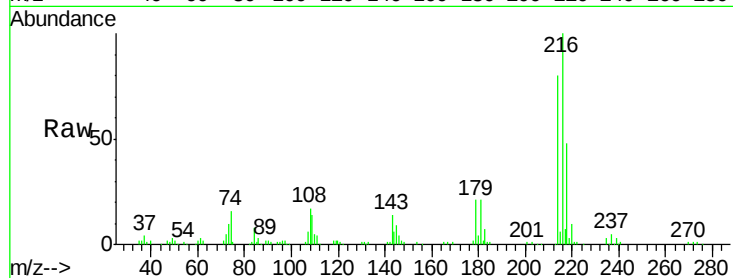




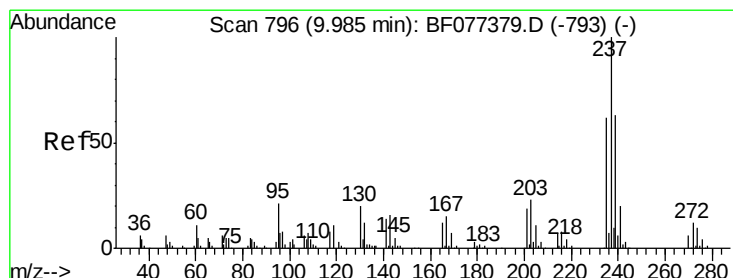
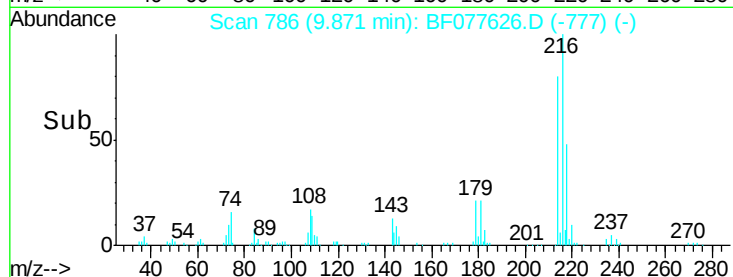
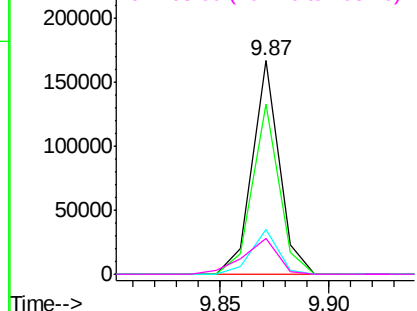
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.62 ng
 RT: 9.87 min Scan# 786
 Delta R.T. -0.00 min
 Lab File: BF077626.D
 Acq: 6 Mar 2015 17:14

Instrument :
 BNA_F
 ClientSampleId :
 PB81995BS

Tgt Ion:	216	Resp:	144212
Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.4	95.0
179	21.3	16.6	25.0
108	21.1	14.2	21.4

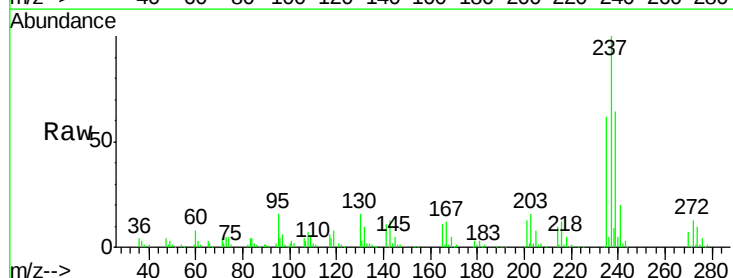


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

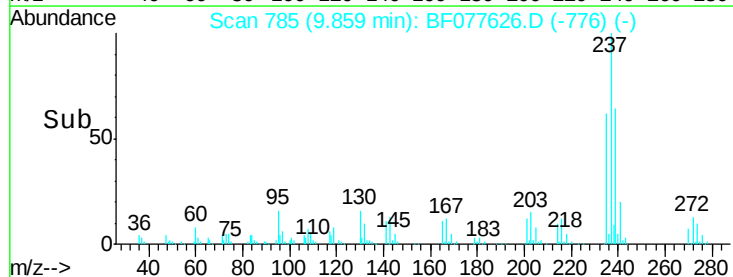
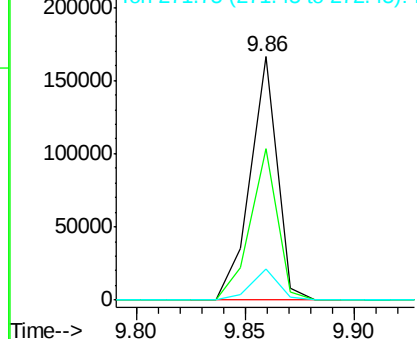


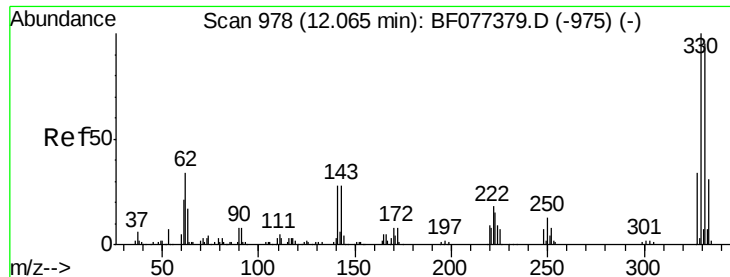
#40
 Hexachlorocyclopentadiene
 Concen: 77.61 ng
 RT: 9.86 min Scan# 785
 Delta R.T. -0.00 min
 Lab File: BF077626.D
 Acq: 6 Mar 2015 17:14

Tgt Ion:	237	Resp:	144194
Ion	Ratio	Lower	Upper
237	100		
235	62.0	41.0	81.0
272	12.6	0.0	34.3



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

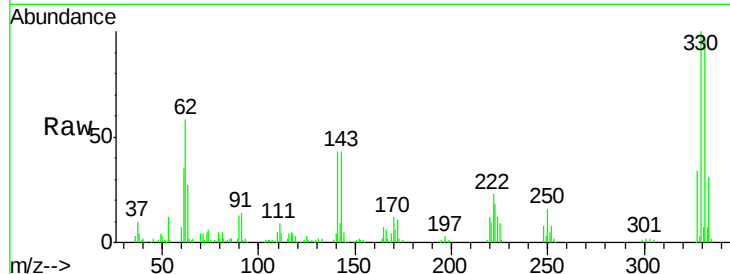




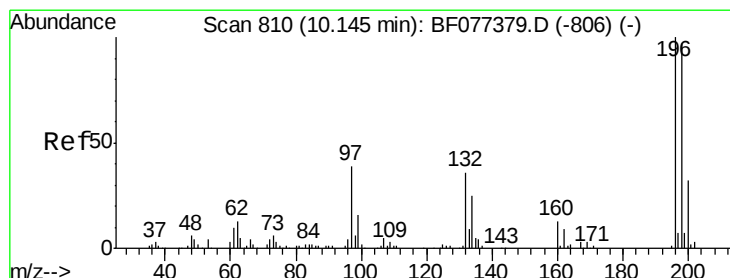
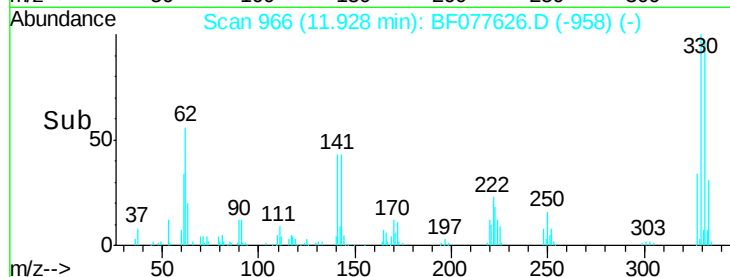
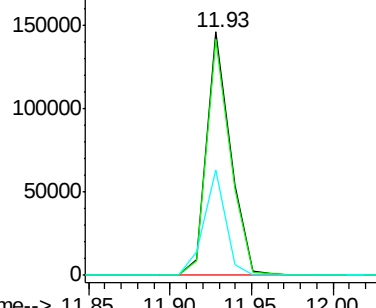
#41
 2,4,6-Tribromophenol
 Concen: 125.87 ng
 RT: 11.93 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: BF077626.D
 Acq: 6 Mar 2015 17:14

Instrument :
 BNA_F
 ClientSampleId :
 PB81995BS

Tgt Ion:330 Resp: 146356
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.4 116.2
 141 39.5 28.8 43.2

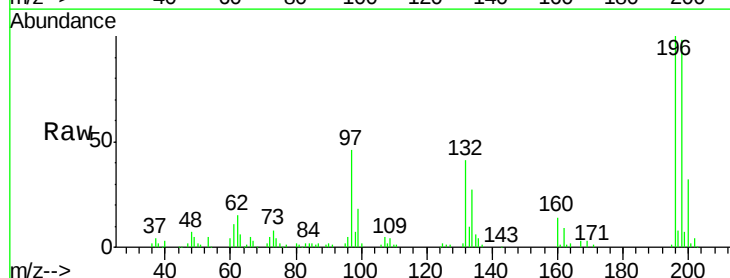


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

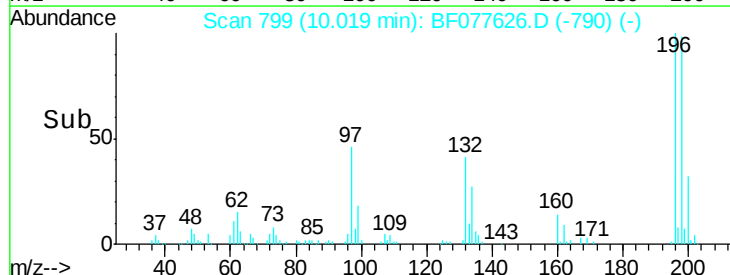
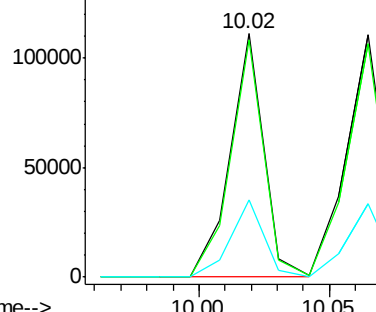


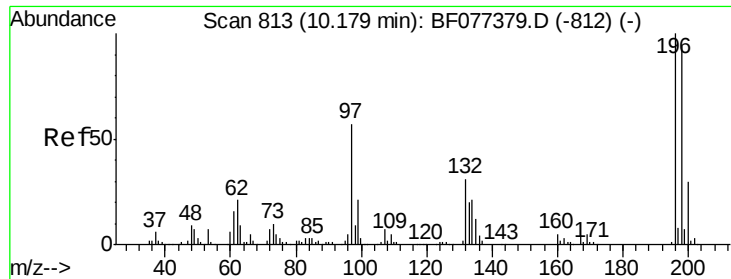
#42
 2,4,6-Trichlorophenol
 Concen: 43.77 ng
 RT: 10.02 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF077626.D
 Acq: 6 Mar 2015 17:14

Tgt Ion:196 Resp: 100438
 Ion Ratio Lower Upper
 196 100
 198 97.7 75.8 113.8
 200 31.8 24.2 36.4



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

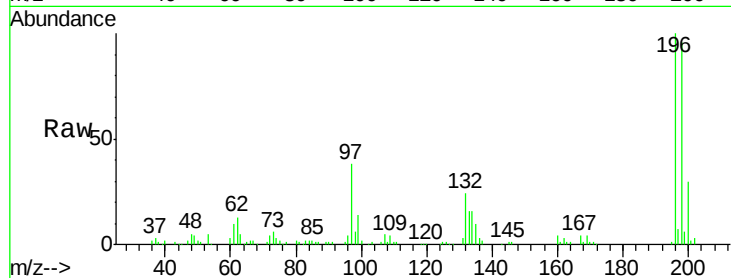




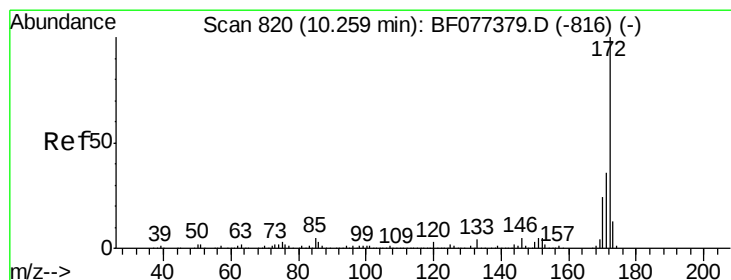
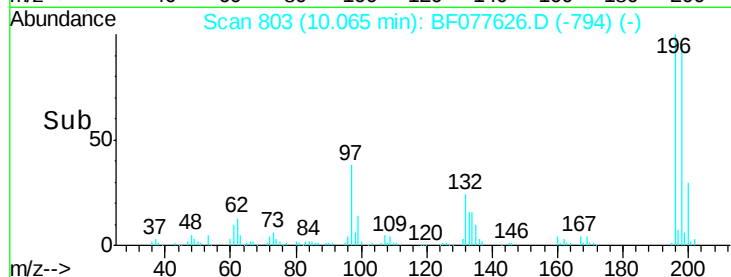
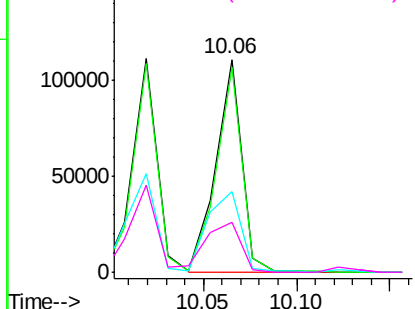
#43
 2,4,5-Trichlorophenol
 Concen: 43.55 ng
 RT: 10.06 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF077626.D
 Acq: 6 Mar 2015 17:14

Instrument :
 BNA_F
 ClientSampleId :
 PB81995BS

Tgt Ion:196 Resp: 106851
 Ion Ratio Lower Upper
 196 100
 198 96.4 77.2 115.8
 97 37.9 27.7 41.5
 132 23.7 18.0 27.0

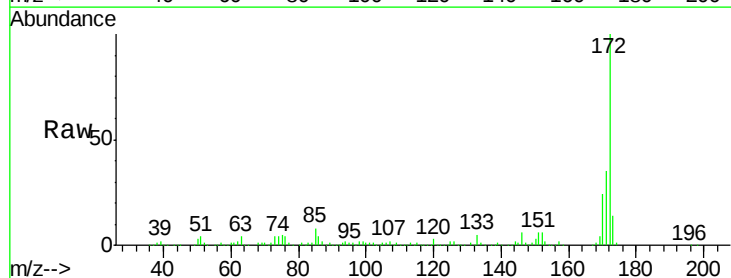


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

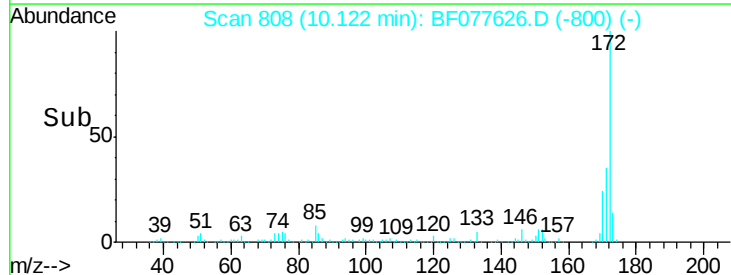
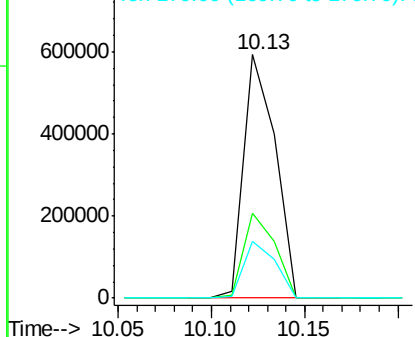


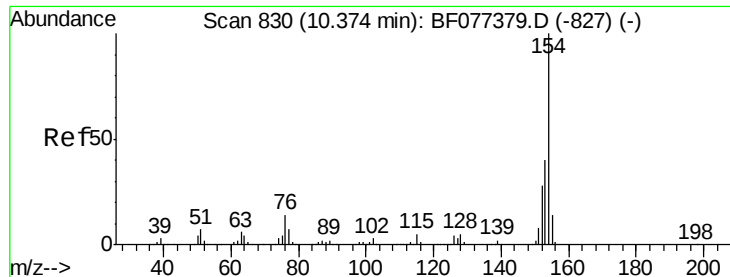
#44
 2-Fluorobiphenyl
 Concen: 89.67 ng
 RT: 10.13 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF077626.D
 Acq: 6 Mar 2015 17:14

Tgt Ion:172 Resp: 694469
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.9 43.3
 170 23.6 19.4 29.2



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

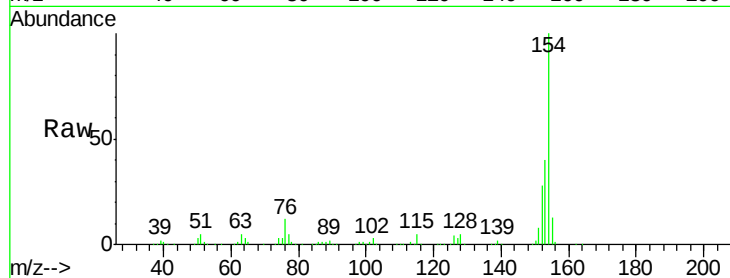




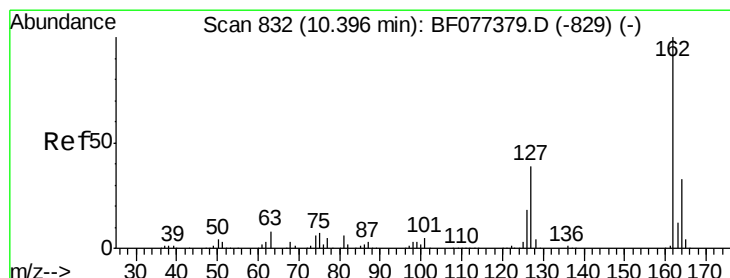
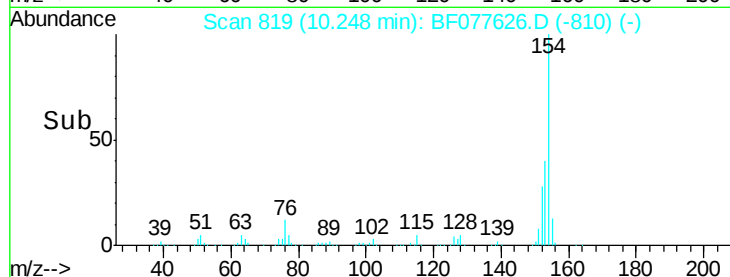
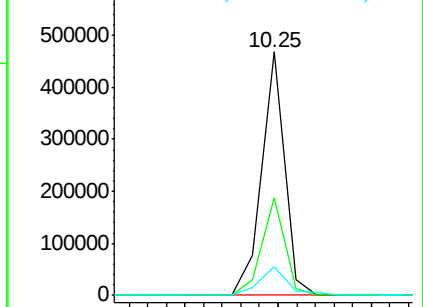
#45
 1,1'-Biphenyl
 Concen: 43.25 ng
 RT: 10.25 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF077626.D
 Acq: 6 Mar 2015 17:14

Instrument :
 BNA_F
 ClientSampleId :
 PB81995BS

Tgt Ion:154 Resp: 395648
 Ion Ratio Lower Upper
 154 100
 153 40.1 20.2 60.2
 76 12.0 0.0 29.4

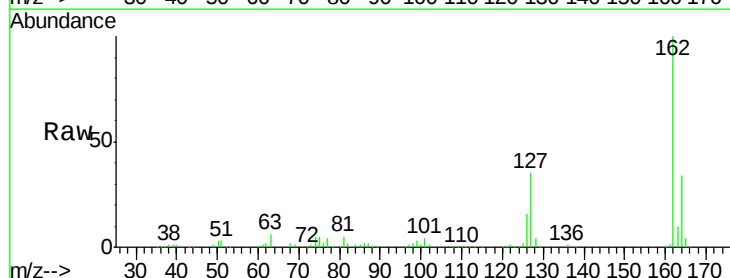


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

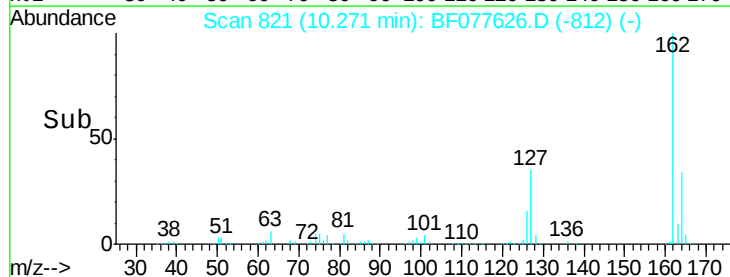
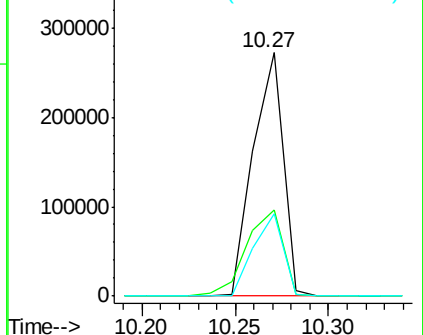


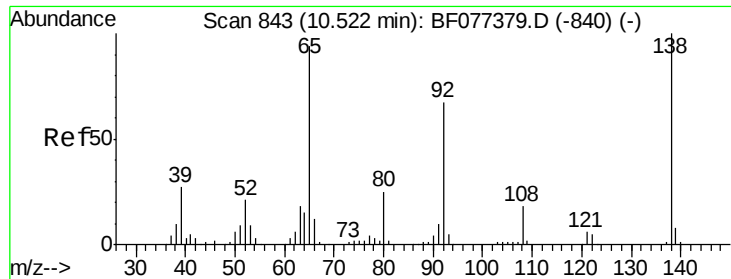
#46
 2-Chloronaphthalene
 Concen: 42.37 ng
 RT: 10.27 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BF077626.D
 Acq: 6 Mar 2015 17:14

Tgt Ion:162 Resp: 303977
 Ion Ratio Lower Upper
 162 100
 127 35.4 33.3 49.9
 164 33.9 26.2 39.4



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

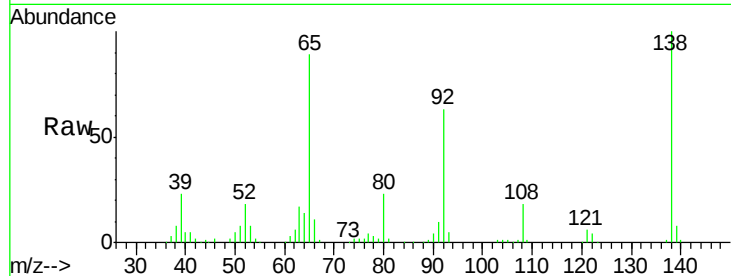




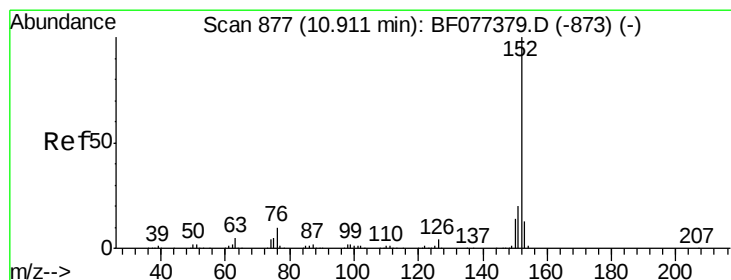
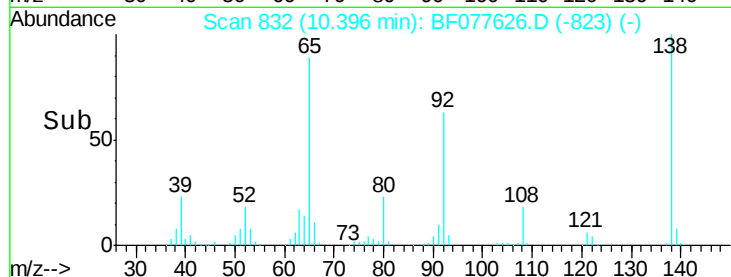
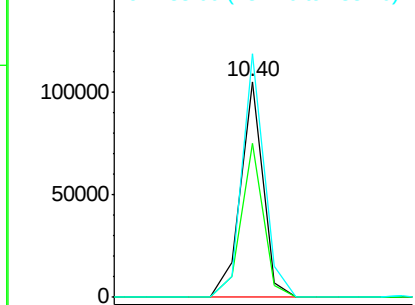
#47
2-Nitroaniline
Concen: 50.31 ng
RT: 10.40 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF077626.D
Acq: 6 Mar 2015 17:14

Instrument :
BNA_F
ClientSampleId :
PB81995BS

Tgt Ion: 65 Resp: 88863
Ion Ratio Lower Upper
65 100
92 71.5 52.4 78.6
138 112.9 73.4 110.0#

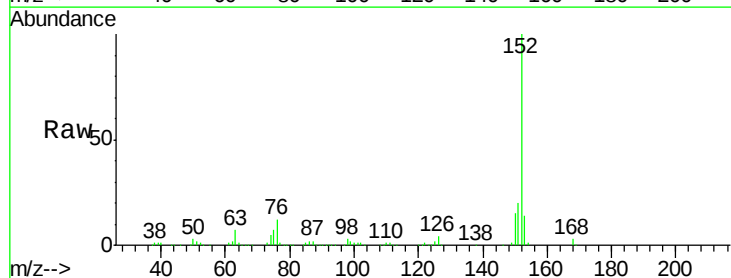


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

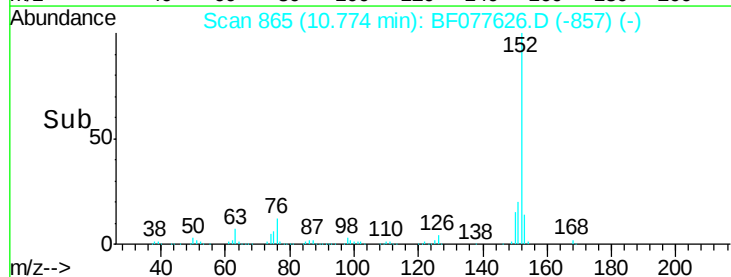
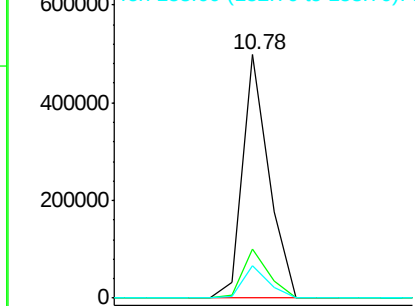


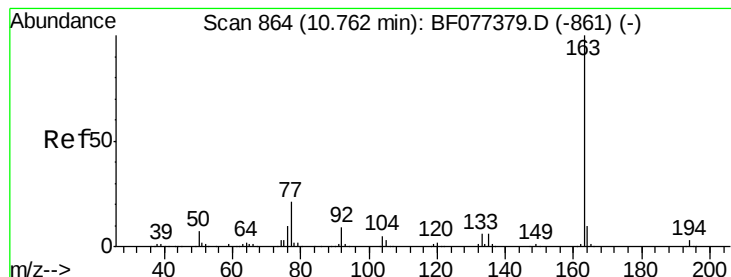
#48
Acenaphthylene
Concen: 42.68 ng
RT: 10.78 min Scan# 865
Delta R.T. -0.00 min
Lab File: BF077626.D
Acq: 6 Mar 2015 17:14

Tgt Ion: 152 Resp: 484837
Ion Ratio Lower Upper
152 100
151 20.4 16.1 24.1
153 13.5 10.9 16.3



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





#49

Dimethylphthalate

Concen: 43.09 ng

RT: 10.64 min Scan# 853

Delta R.T. -0.00 min

Lab File: BF077626.D

Acq: 6 Mar 2015 17:14

Instrument :

BNA_F

ClientSampleId :

PB81995BS

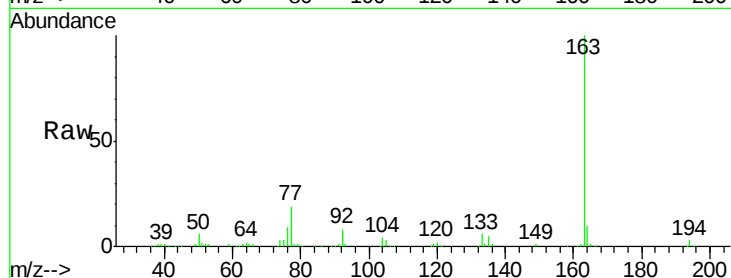
Tgt Ion:163 Resp: 365795

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

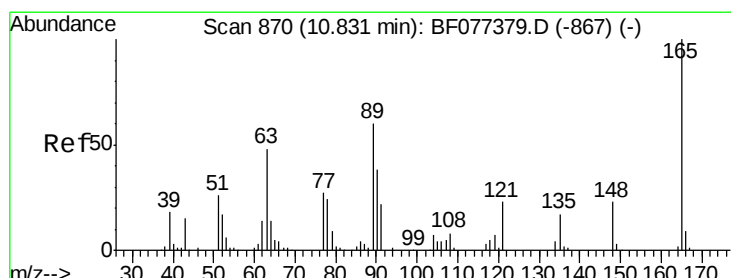
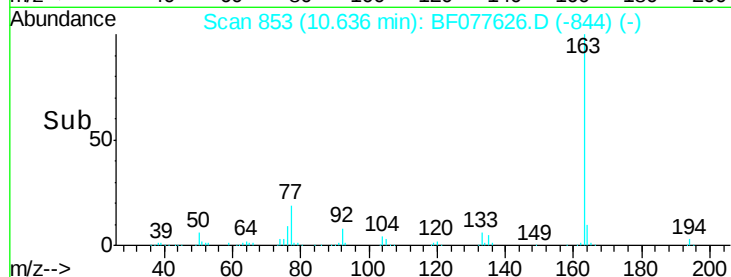
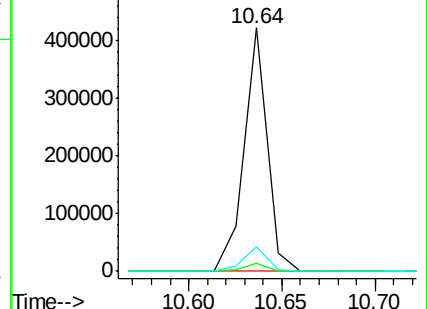
164 10.2 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 44.85 ng

RT: 10.71 min Scan# 859

Delta R.T. -0.00 min

Lab File: BF077626.D

Acq: 6 Mar 2015 17:14

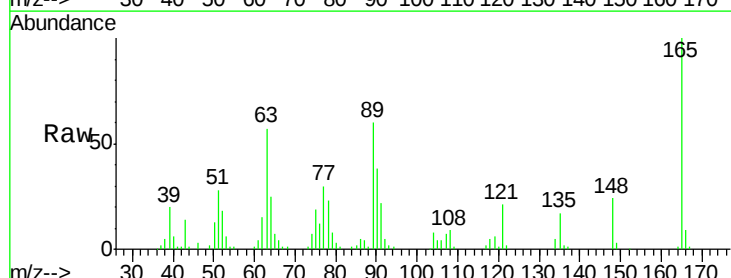
Tgt Ion:165 Resp: 76340

Ion Ratio Lower Upper

165 100

63 57.1 25.2 37.8#

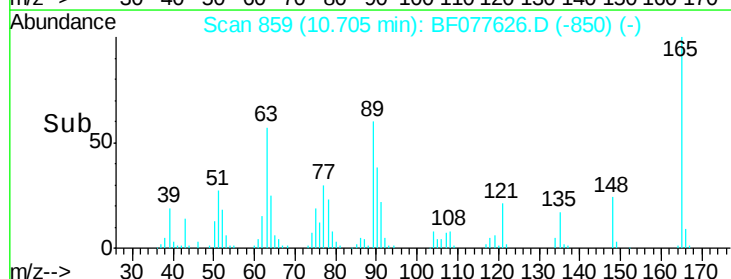
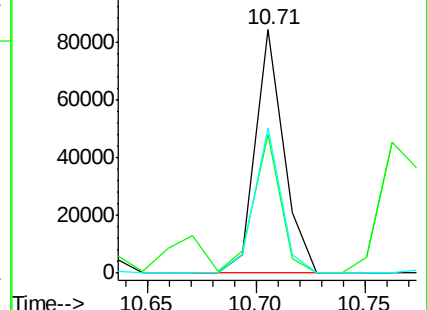
89 59.5 30.5 45.7#

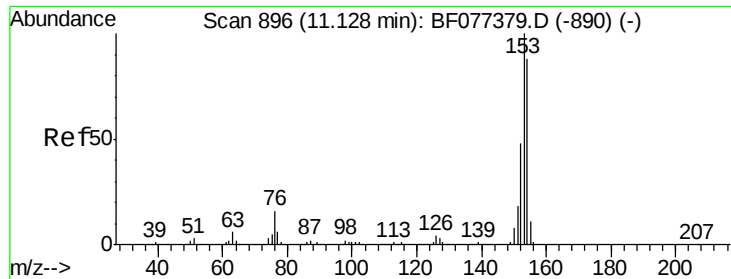


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 42.83 ng

RT: 10.99 min Scan# 884

Delta R.T. -0.00 min

Lab File: BF077626.D

Acq: 6 Mar 2015 17:14

Instrument :

BNA_F

ClientSampleId :

PB81995BS

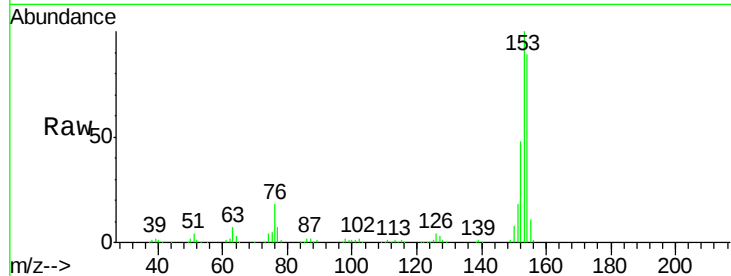
Tgt Ion:154 Resp: 290325

Ion Ratio Lower Upper

154 100

153 111.8 90.5 135.7

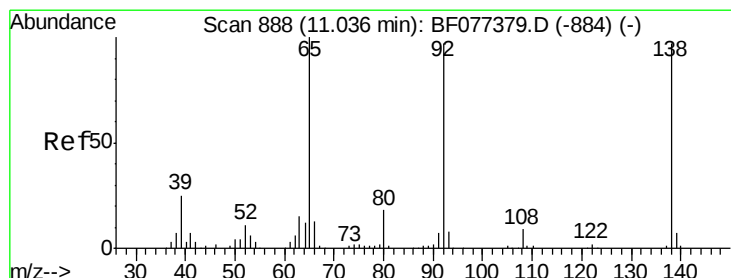
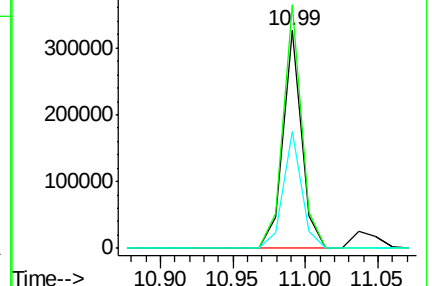
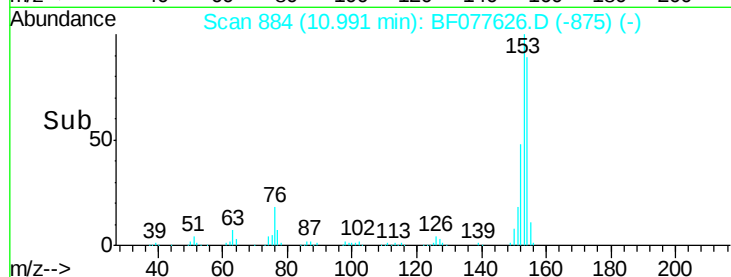
152 53.8 43.5 65.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 17.92 ng

RT: 10.90 min Scan# 876

Delta R.T. -0.00 min

Lab File: BF077626.D

Acq: 6 Mar 2015 17:14

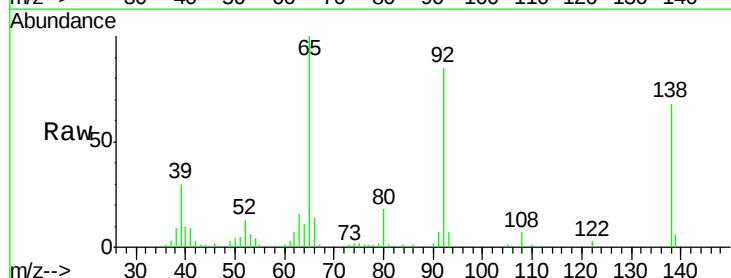
Tgt Ion:138 Resp: 35170

Ion Ratio Lower Upper

138 100

108 10.7 7.8 11.8

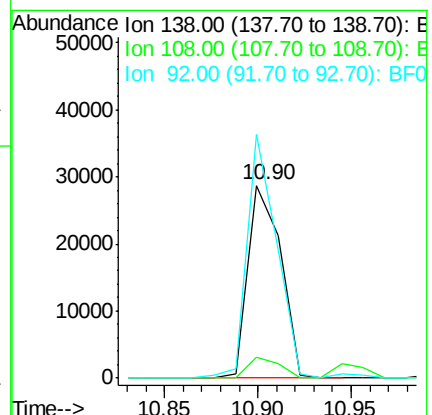
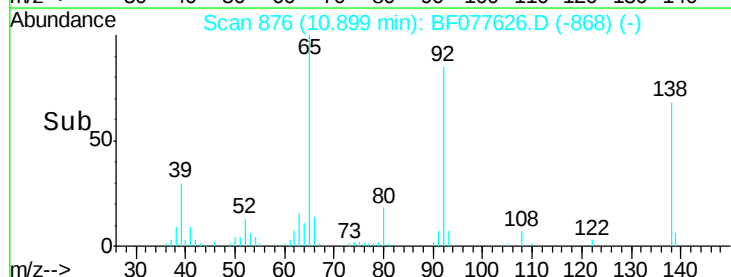
92 126.2 90.6 135.8

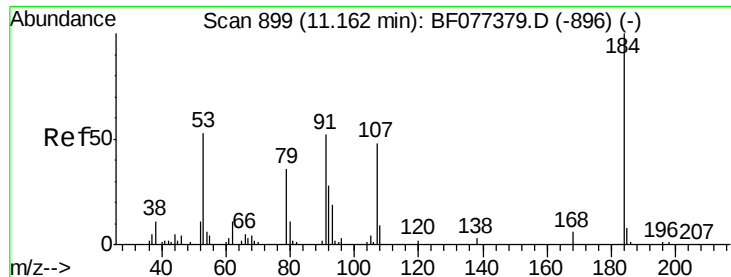


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

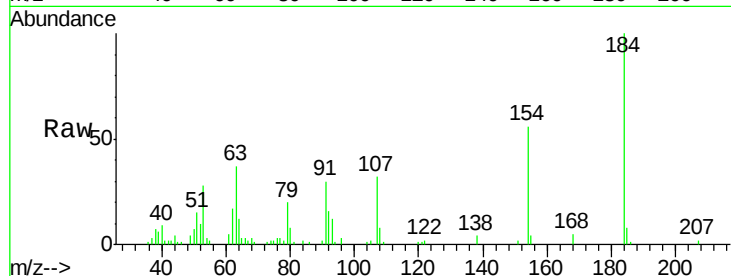




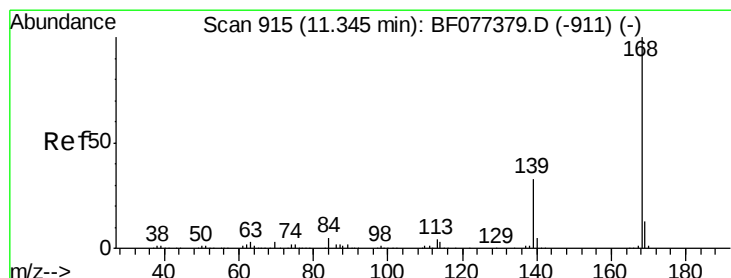
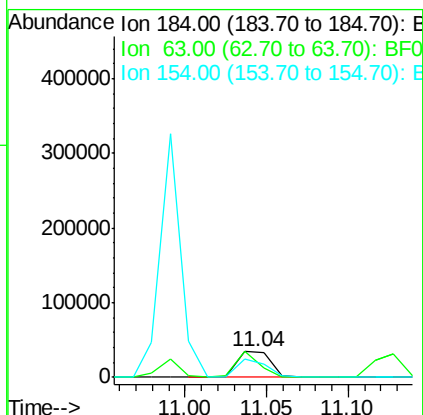
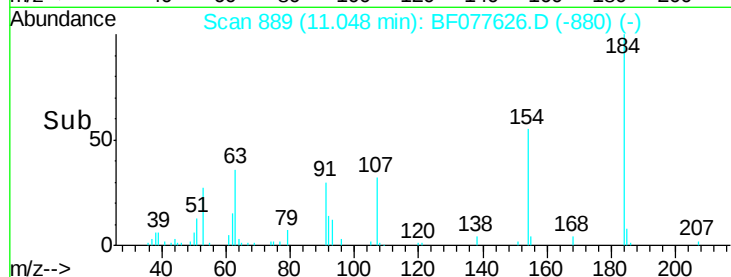
#53
2,4-Dinitrophenol
Concen: 95.07 ng
RT: 11.04 min Scan# 889
Delta R.T. 0.00 min
Lab File: BF077626.D
Acq: 6 Mar 2015 17:14

Instrument :
BNA_F
ClientSampleId :
PB81995BS

Tgt Ion:184 Resp: 49243
Ion Ratio Lower Upper
184 100
63 37.3 29.5 44.3
154 56.4 43.2 64.8

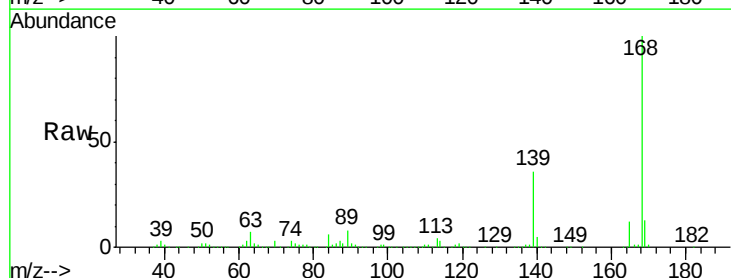


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

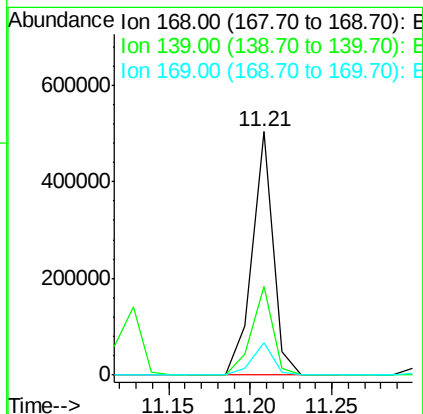
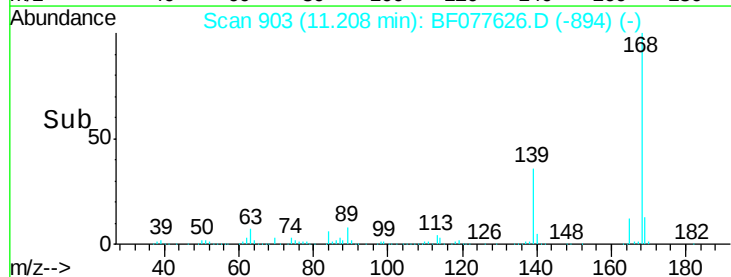


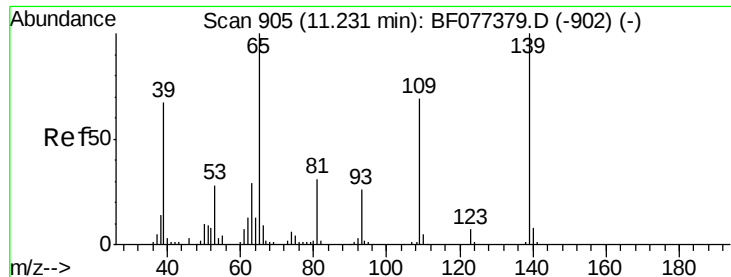
#54
Dibenzofuran
Concen: 42.98 ng
RT: 11.21 min Scan# 903
Delta R.T. -0.00 min
Lab File: BF077626.D
Acq: 6 Mar 2015 17:14

Tgt Ion:168 Resp: 449786
Ion Ratio Lower Upper
168 100
139 36.3 29.3 43.9
169 13.5 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

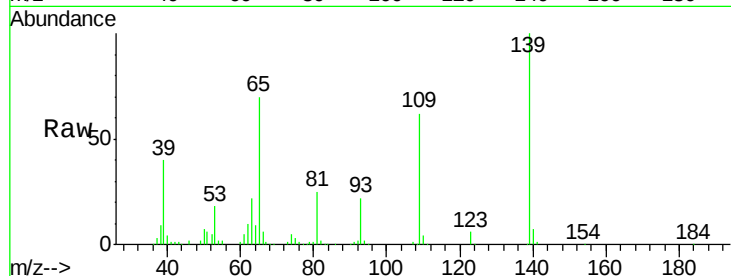




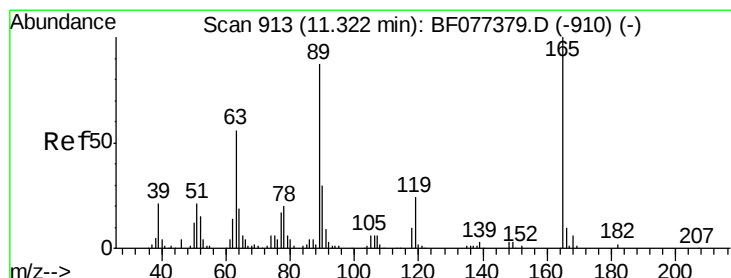
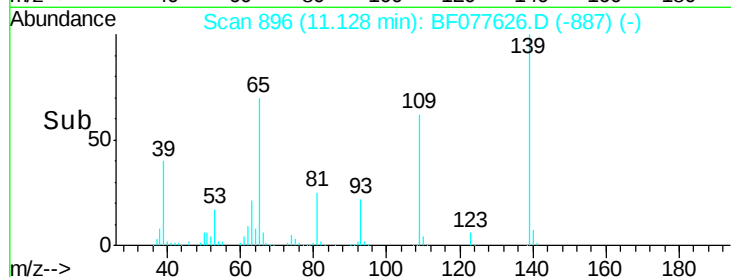
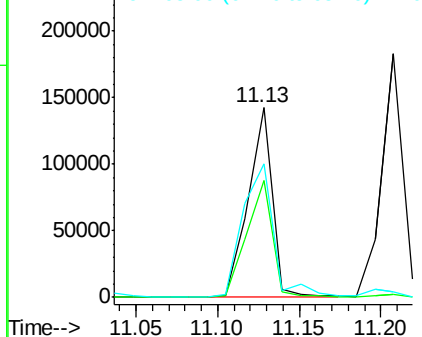
#55
4-Nitrophenol
Concen: 92.35 ng
RT: 11.13 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF077626.D
Acq: 6 Mar 2015 17:14

Instrument :
BNA_F
ClientSampled :
PB81995BS

Tgt Ion:139 Resp: 145777
Ion Ratio Lower Upper
139 100
109 61.9 36.2 76.2
65 70.2 40.3 80.3



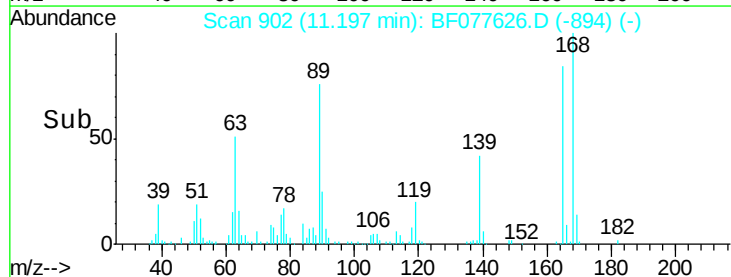
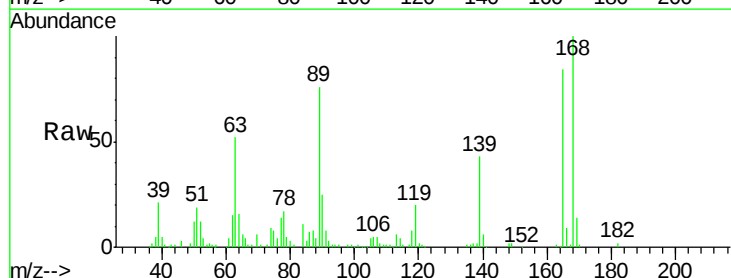
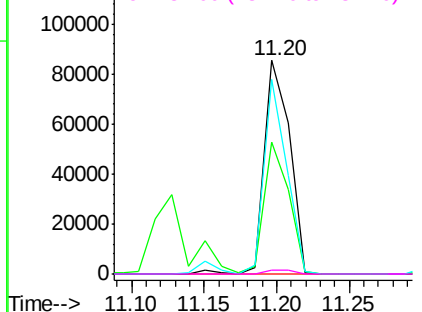
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

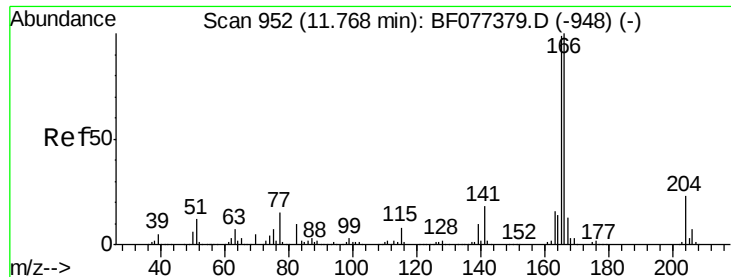


#56
2,4-Dinitrotoluene
Concen: 45.02 ng
RT: 11.20 min Scan# 902
Delta R.T. -0.00 min
Lab File: BF077626.D
Acq: 6 Mar 2015 17:14

Tgt Ion:165 Resp: 103548
Ion Ratio Lower Upper
165 100
63 61.7 29.8 44.8#
89 90.8 48.5 72.7#
182 2.0 1.9 2.9

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

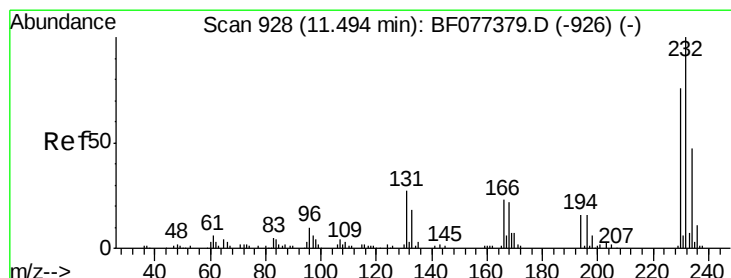
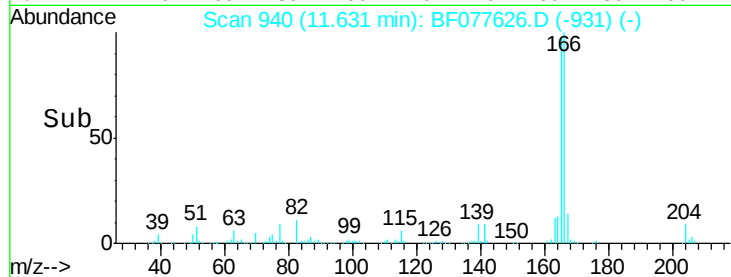
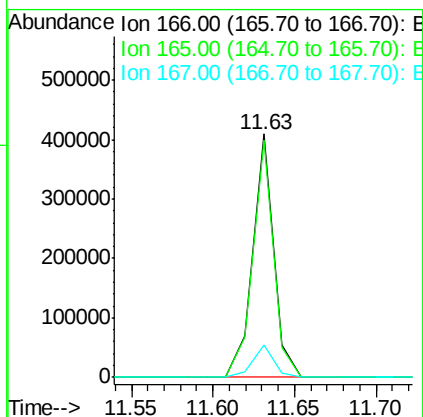
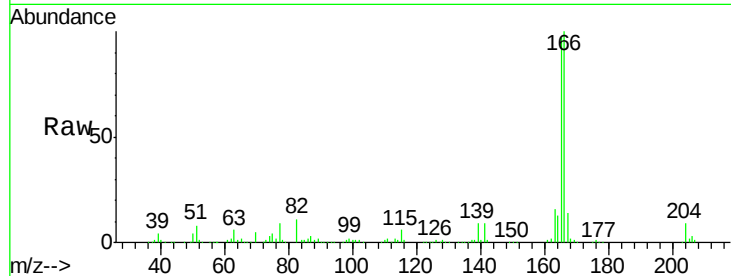




#57
 Fluorene
 Concen: 43.85 ng
 RT: 11.63 min Scan# 940
 Delta R.T. -0.00 min
 Lab File: BF077626.D
 Acq: 6 Mar 2015 17:14

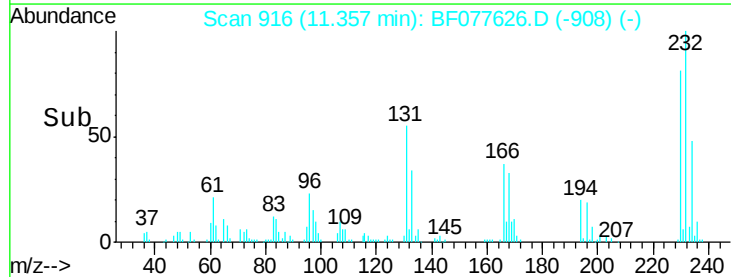
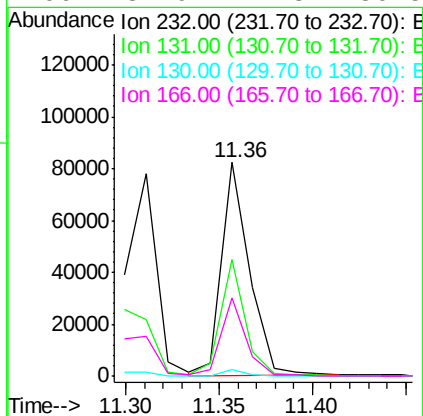
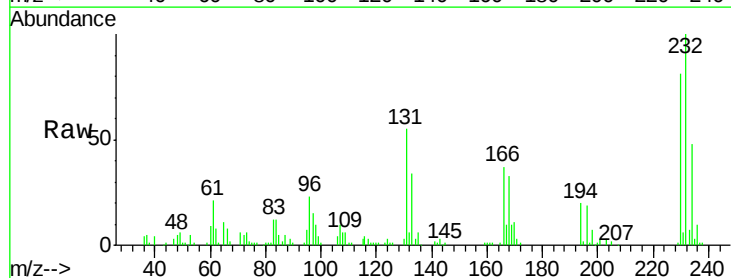
Instrument :
 BNA_F
 ClientSampled :
 PB81995BS

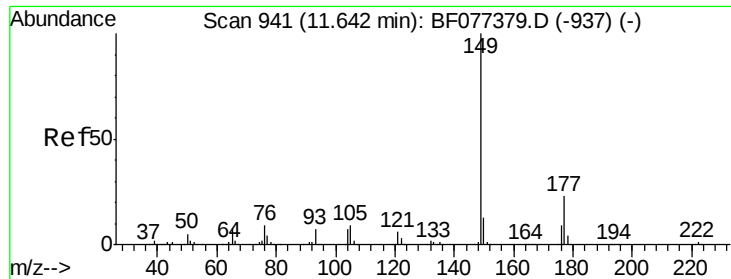
Tgt Ion:166 Resp: 366891
 Ion Ratio Lower Upper
 166 100
 165 97.3 77.6 116.4
 167 13.6 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.20 ng
 RT: 11.36 min Scan# 916
 Delta R.T. -0.00 min
 Lab File: BF077626.D
 Acq: 6 Mar 2015 17:14

Tgt Ion:232 Resp: 85205
 Ion Ratio Lower Upper
 232 100
 131 49.1 34.2 51.2
 130 2.3 1.8 2.6
 166 32.9 24.3 36.5

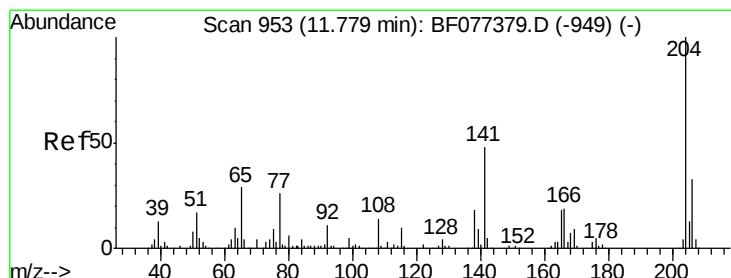
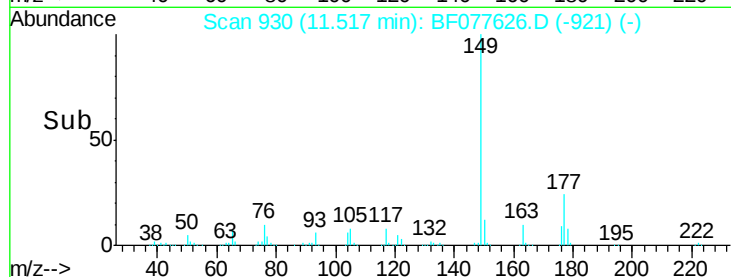
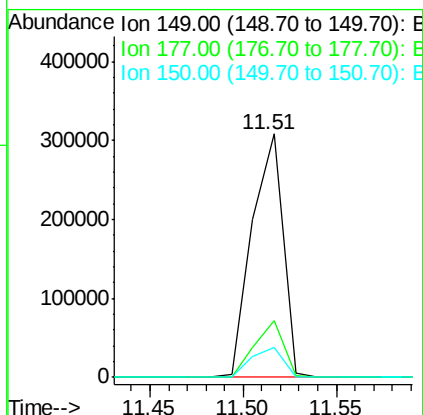
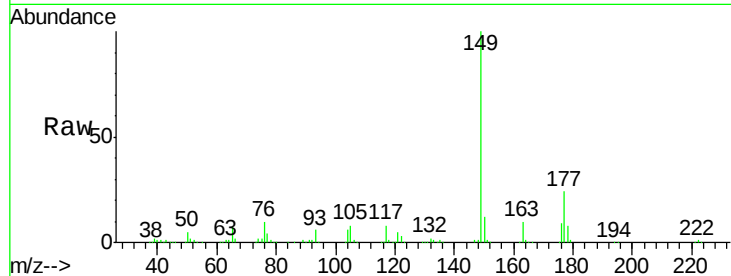




#59
Diethylphthalate
Concen: 42.43 ng
RT: 11.51 min Scan# 930
Delta R.T. -0.00 min
Lab File: BF077626.D
Acq: 6 Mar 2015 17:14

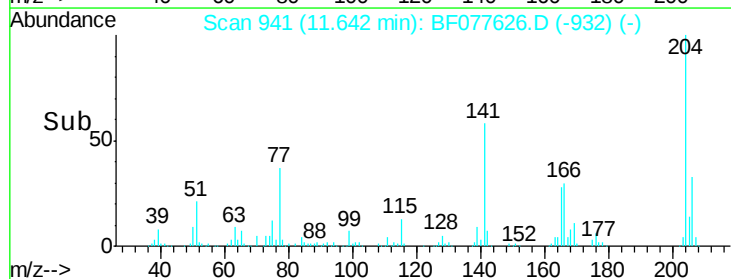
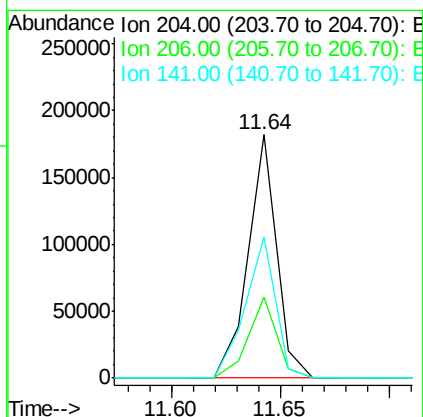
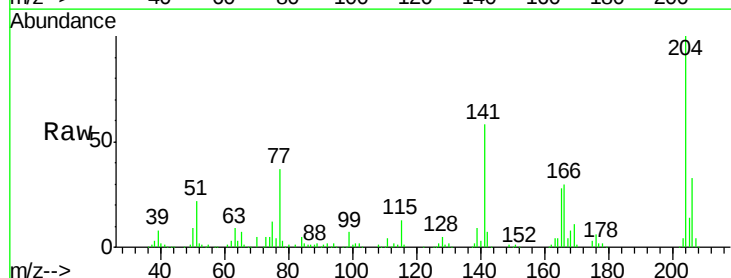
Instrument :
BNA_F
ClientSampleId :
PB81995BS

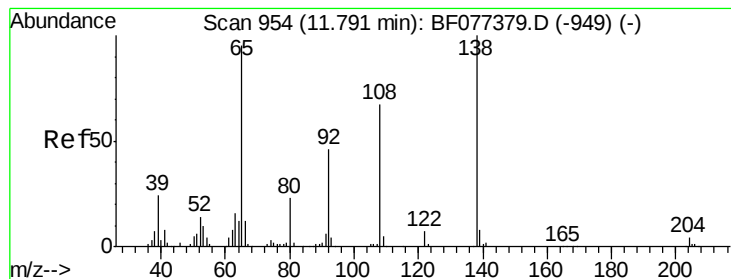
Tgt Ion:149 Resp: 355046
Ion Ratio Lower Upper
149 100
177 23.5 17.2 25.8
150 12.4 10.5 15.7



#60
4-Chlorophenyl-phenylether
Concen: 41.01 ng
RT: 11.64 min Scan# 941
Delta R.T. -0.00 min
Lab File: BF077626.D
Acq: 6 Mar 2015 17:14

Tgt Ion:204 Resp: 165317
Ion Ratio Lower Upper
204 100
206 33.1 25.9 38.9
141 57.9 43.6 65.4





#61

4-Nitroaniline

Concen: 40.73 ng

RT: 11.66 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF077626.D

Acq: 6 Mar 2015 17:14

Instrument :

BNA_F

ClientSampleId :

PB81995BS

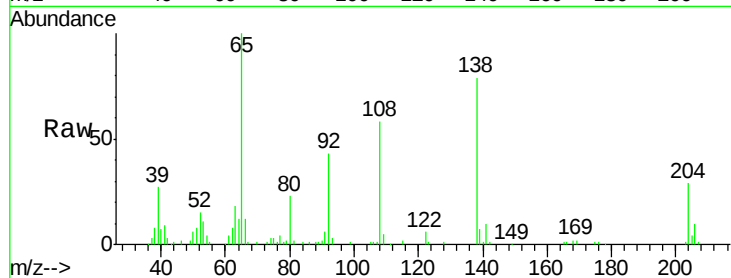
Tgt Ion:138 Resp: 76615

Ion Ratio Lower Upper

138 100

92 54.9 32.8 72.8

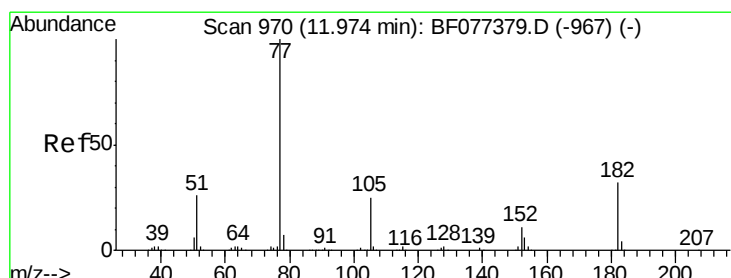
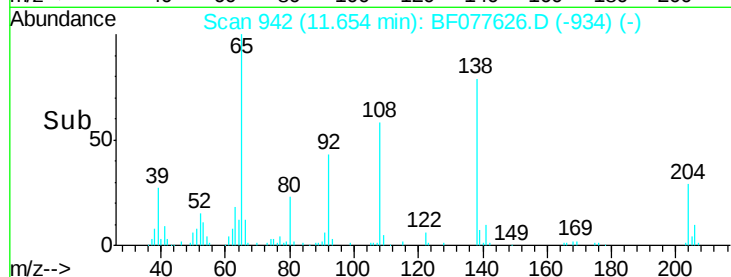
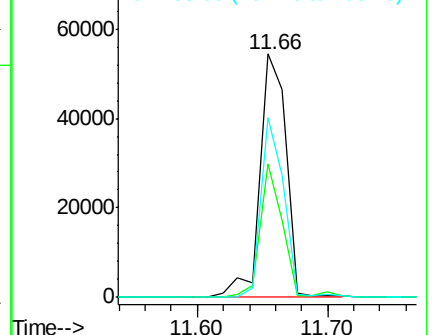
108 73.9 52.1 92.1



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 43.92 ng

RT: 11.84 min Scan# 958

Delta R.T. -0.00 min

Lab File: BF077626.D

Acq: 6 Mar 2015 17:14

Tgt Ion: 77 Resp: 348668

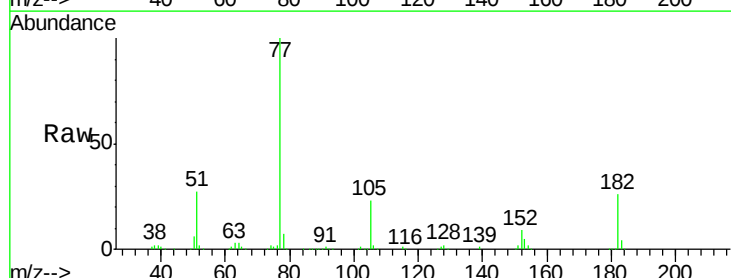
Ion Ratio Lower Upper

77 100

182 25.9 4.9 44.9

105 23.5 3.3 43.3

51 27.5 8.9 48.9

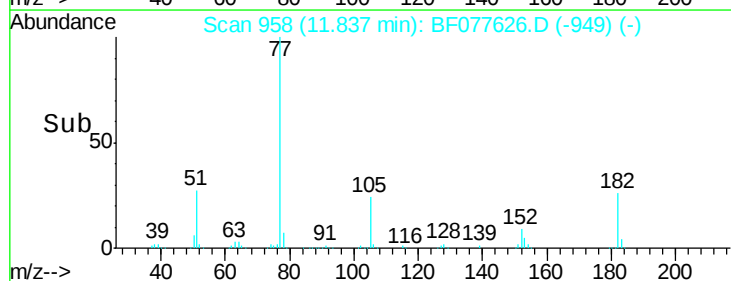
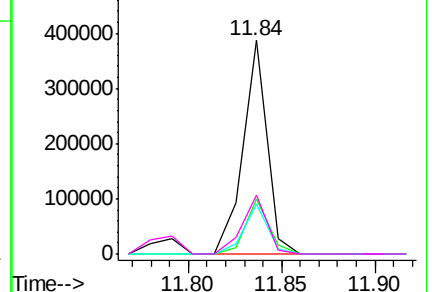


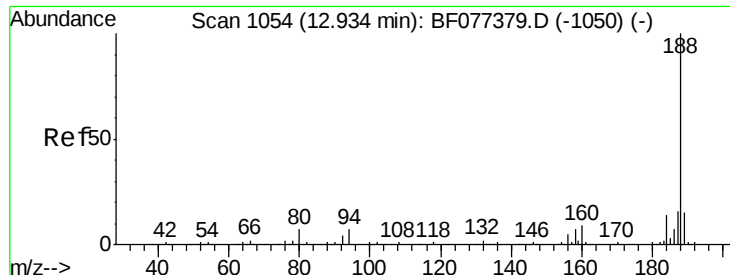
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

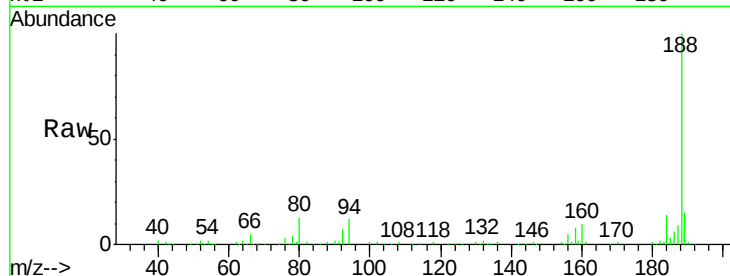




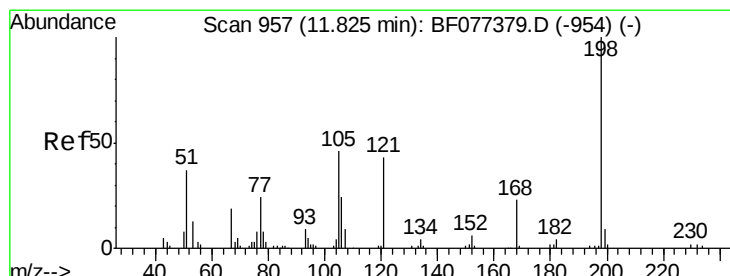
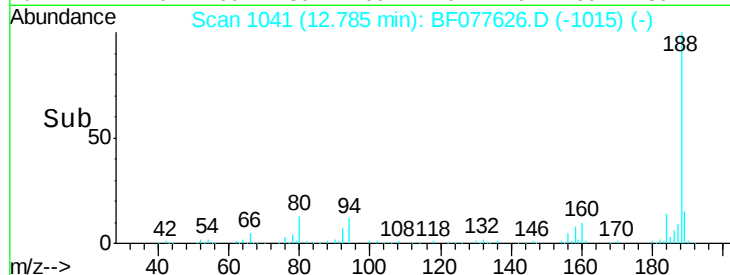
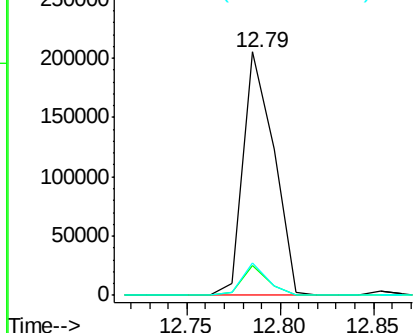
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.79 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF077626.D
Acq: 6 Mar 2015 17:14

Instrument :
BNA_F
ClientSampleId :
PB81995BS

Tgt Ion:188 Resp: 234743
Ion Ratio Lower Upper
188 100
94 12.5 7.4 11.2#
80 13.3 8.0 12.0#

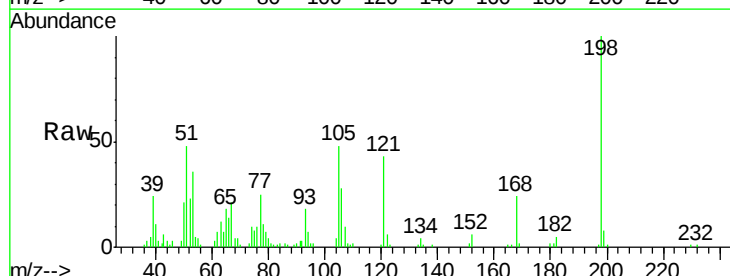


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

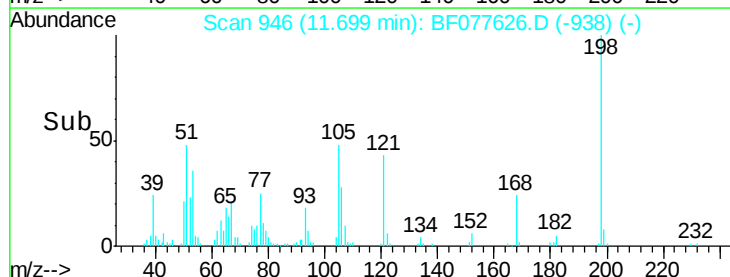
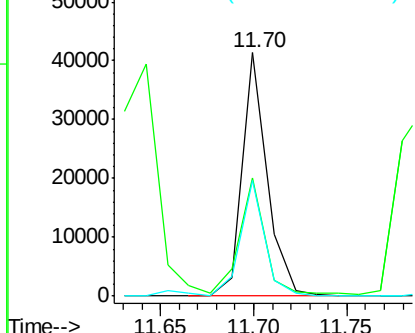


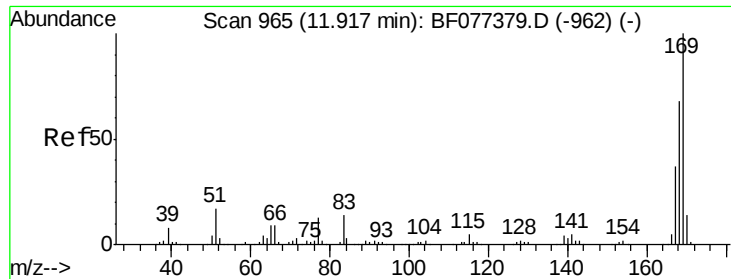
#64
4,6-Dinitro-2-methylphenol
Concen: 41.74 ng
RT: 11.70 min Scan# 946
Delta R.T. -0.00 min
Lab File: BF077626.D
Acq: 6 Mar 2015 17:14

Tgt Ion:198 Resp: 38606
Ion Ratio Lower Upper
198 100
51 48.5 2.7 42.7#
105 47.6 10.0 50.0



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

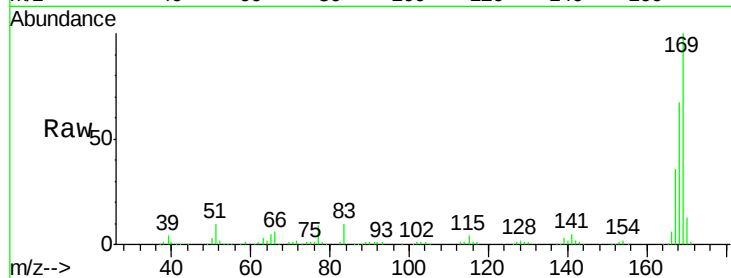




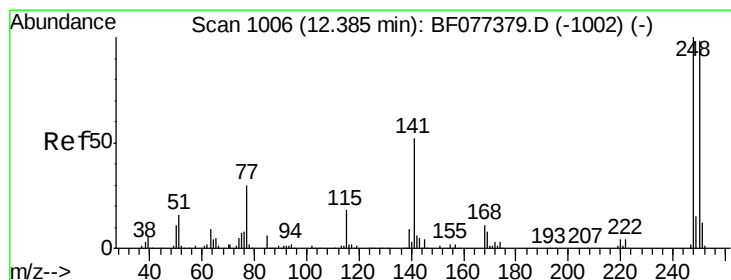
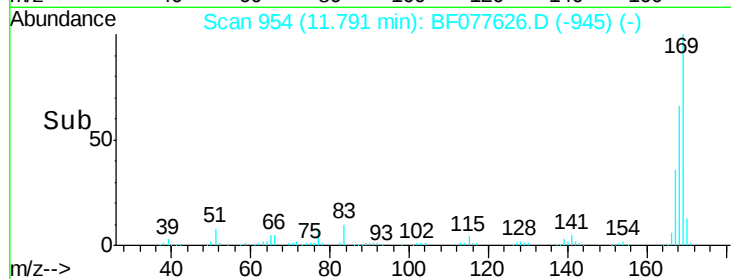
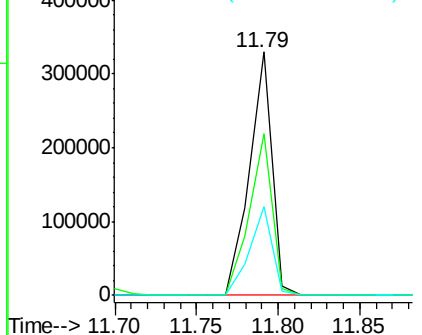
#65
n-Nitrosodiphenylamine
Concen: 40.72 ng
RT: 11.79 min Scan# 954
Delta R.T. -0.00 min
Lab File: BF077626.D
Acq: 6 Mar 2015 17:14

Instrument :
BNA_F
ClientSampleId :
PB81995BS

Tgt Ion:169 Resp: 317157
Ion Ratio Lower Upper
169 100
168 66.6 53.0 79.6
167 36.3 29.5 44.3

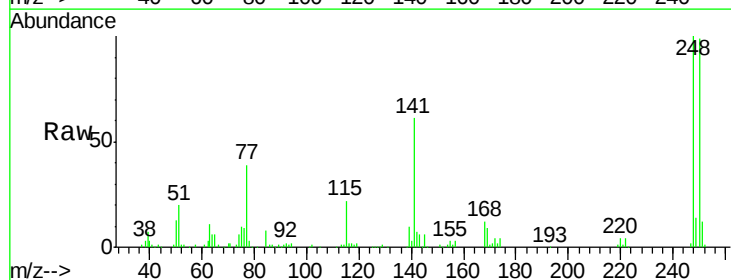


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

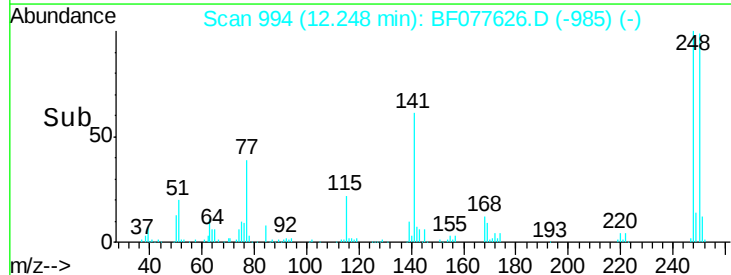
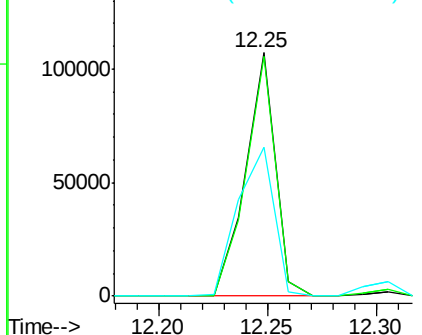


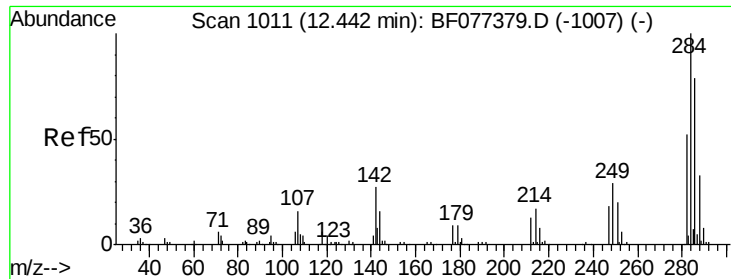
#66
4-Bromophenyl-phenylether
Concen: 36.87 ng
RT: 12.25 min Scan# 994
Delta R.T. -0.00 min
Lab File: BF077626.D
Acq: 6 Mar 2015 17:14

Tgt Ion:248 Resp: 101338
Ion Ratio Lower Upper
248 100
250 98.7 78.0 117.0
141 61.1 54.1 81.1



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

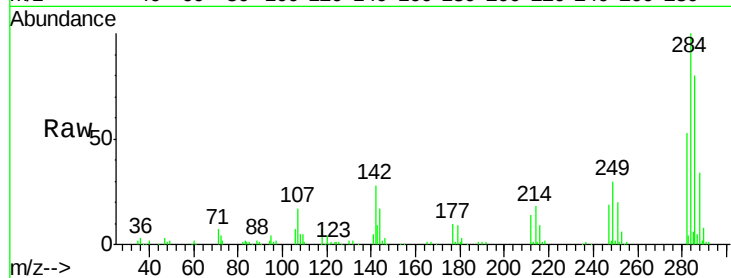




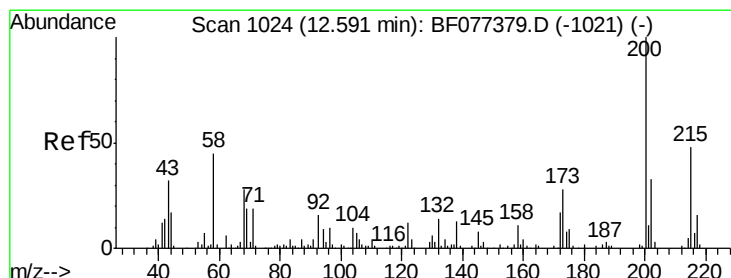
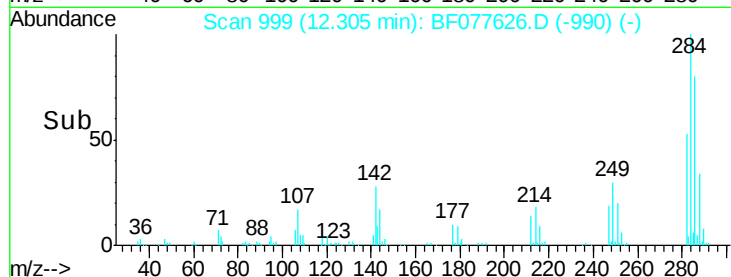
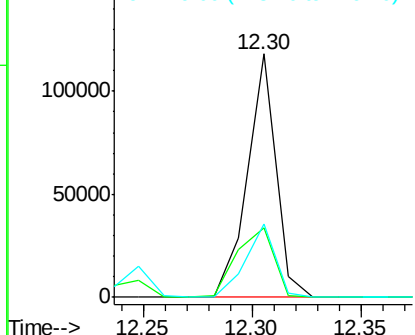
#67
Hexachlorobenzene
Concen: 36.48 ng
RT: 12.30 min Scan# 999
Delta R.T. -0.00 min
Lab File: BF077626.D
Acq: 6 Mar 2015 17:14

Instrument :
BNA_F
ClientSampleId :
PB81995BS

Tgt Ion:284 Resp: 107622
Ion Ratio Lower Upper
284 100
142 28.4 31.6 47.4#
249 30.4 27.0 40.4

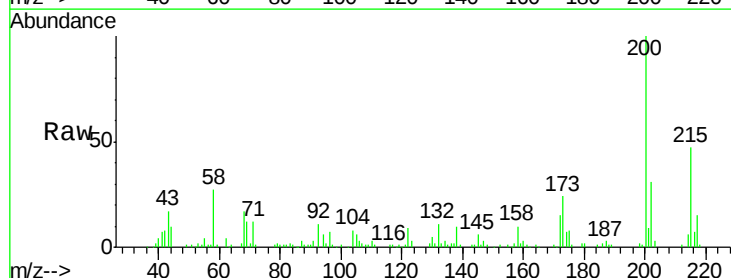


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

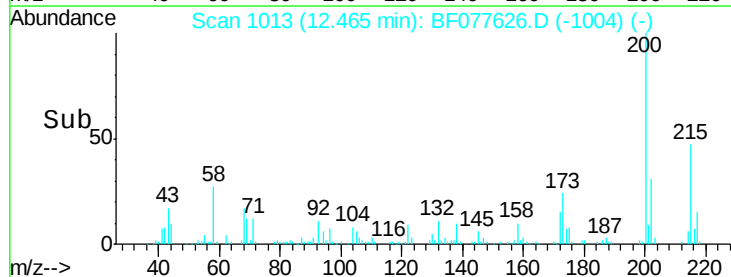
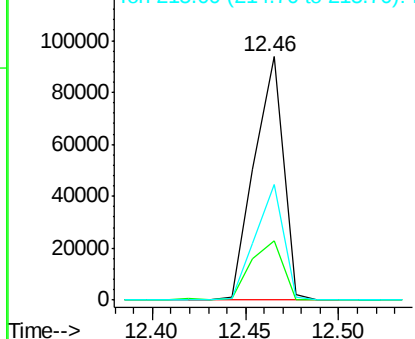


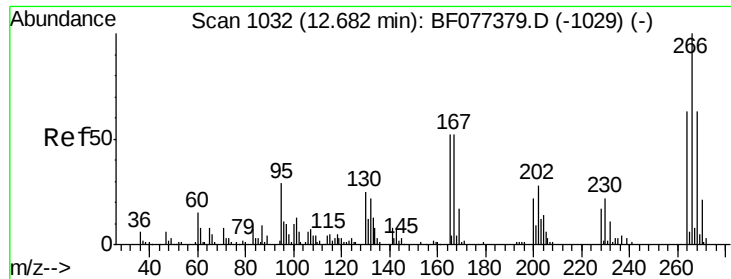
#68
Atrazine
Concen: 39.94 ng
RT: 12.46 min Scan# 1013
Delta R.T. -0.00 min
Lab File: BF077626.D
Acq: 6 Mar 2015 17:14

Tgt Ion:200 Resp: 101141
Ion Ratio Lower Upper
200 100
173 24.3 9.6 49.6
215 47.3 24.4 64.4



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

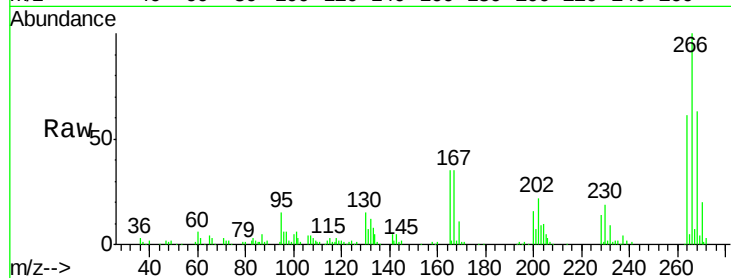




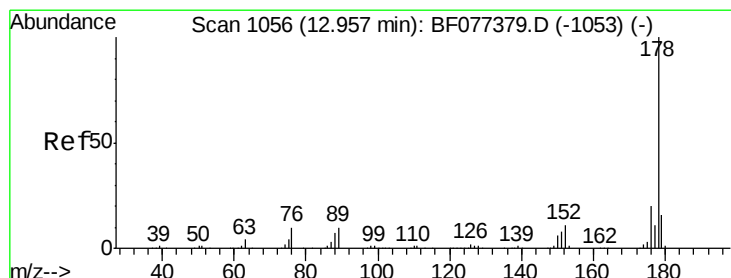
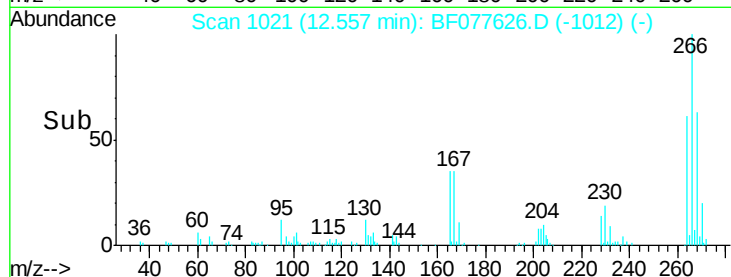
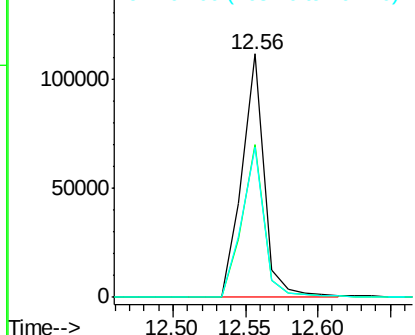
#69
 Pentachlorophenol
 Concen: 77.20 ng
 RT: 12.56 min Scan# 1021
 Delta R.T. -0.00 min
 Lab File: BF077626.D
 Acq: 6 Mar 2015 17:14

Instrument :
 BNA_F
 ClientSampleId :
 PB81995BS

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.7	51.2	76.8
264	61.5	50.7	76.1

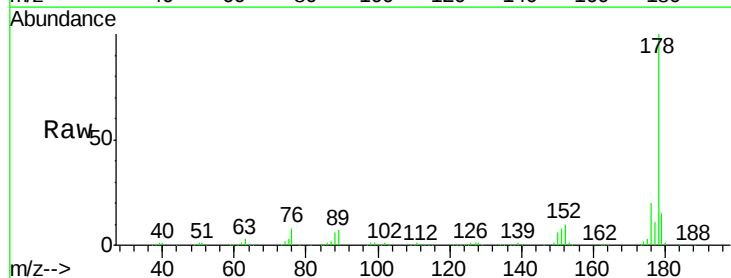


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

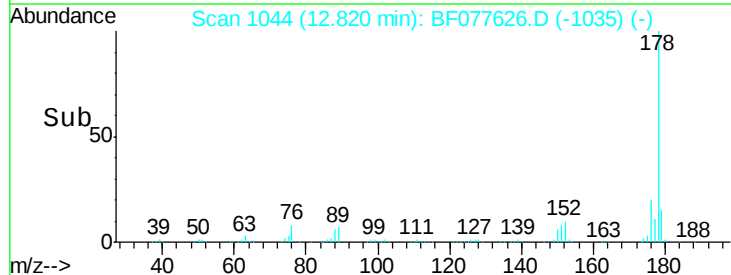
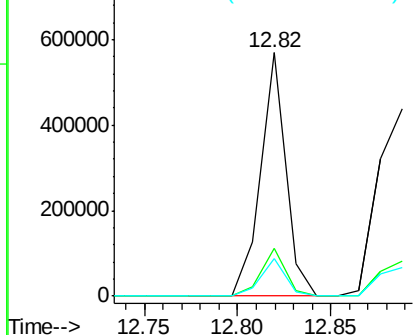


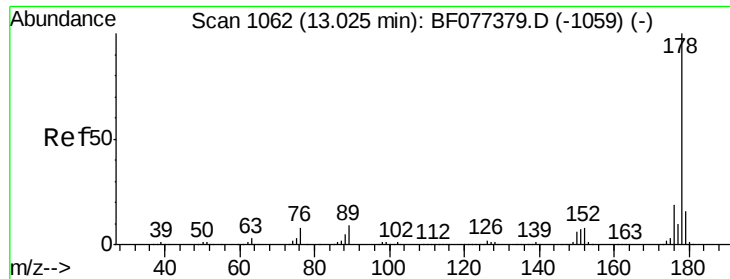
#70
 Phenanthrene
 Concen: 39.13 ng
 RT: 12.82 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: BF077626.D
 Acq: 6 Mar 2015 17:14

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.5	23.3
179	15.4	12.2	18.2



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

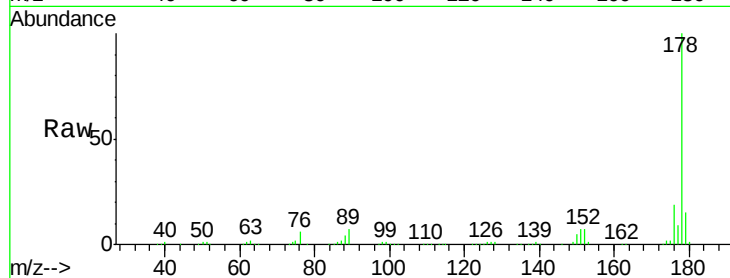




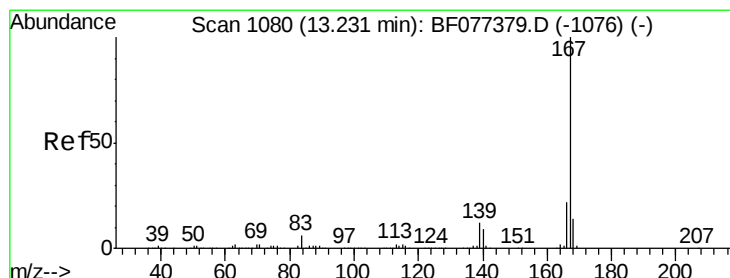
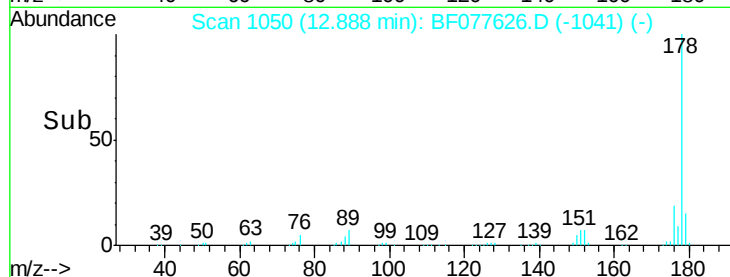
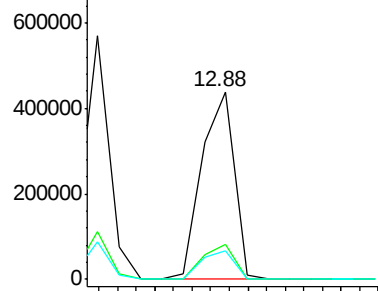
#71
 Anthracene
 Concen: 39.77 ng
 RT: 12.88 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: BF077626.D
 Acq: 6 Mar 2015 17:14

Instrument :
 BNA_F
 ClientSampleId :
 PB81995BS

Tgt Ion:178 Resp: 536961
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.4 23.0
 179 15.0 12.9 19.3

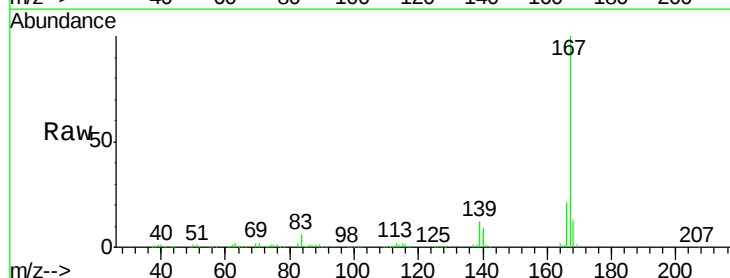


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

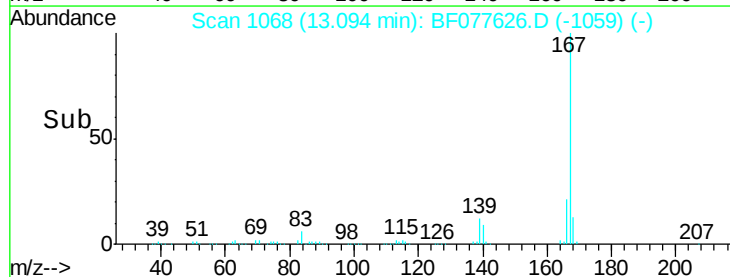
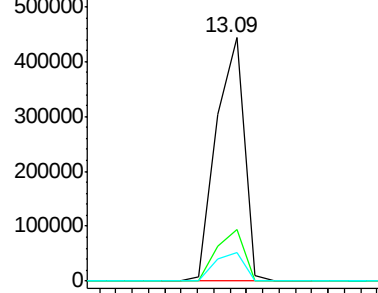


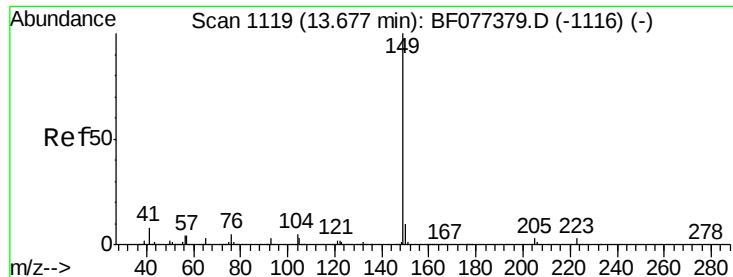
#72
 Carbazole
 Concen: 41.01 ng
 RT: 13.09 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: BF077626.D
 Acq: 6 Mar 2015 17:14

Tgt Ion:167 Resp: 526530
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.6 26.4
 139 11.7 9.9 14.9



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 38.27 ng

RT: 13.54 min Scan# 1107

Delta R.T. -0.00 min

Lab File: BF077626.D

Acq: 6 Mar 2015 17:14

Instrument :

BNA_F

ClientSampleId :

PB81995BS

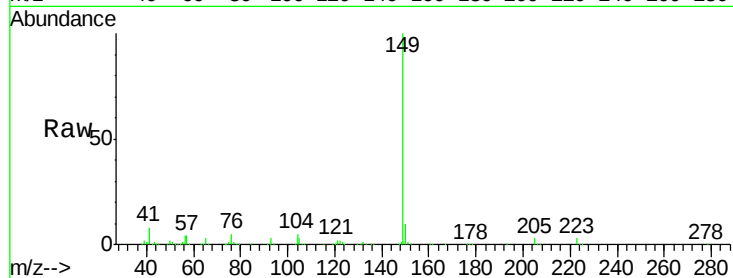
Tgt Ion:149 Resp: 576846

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.8

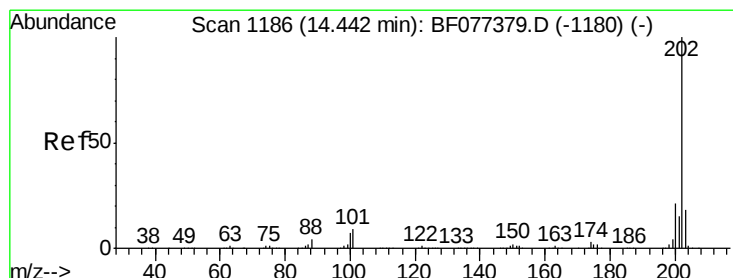
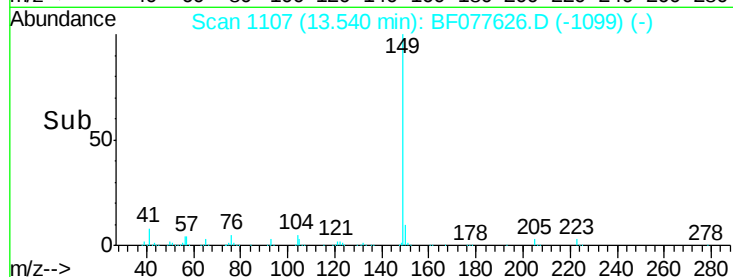
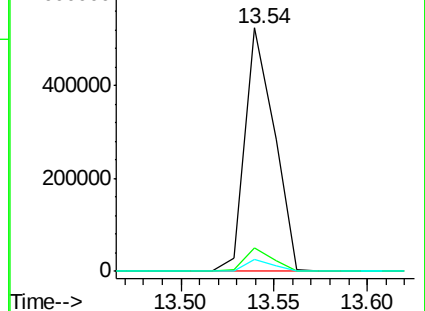
104 5.1 4.1 6.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.46 ng

RT: 14.29 min Scan# 1173

Delta R.T. -0.00 min

Lab File: BF077626.D

Acq: 6 Mar 2015 17:14

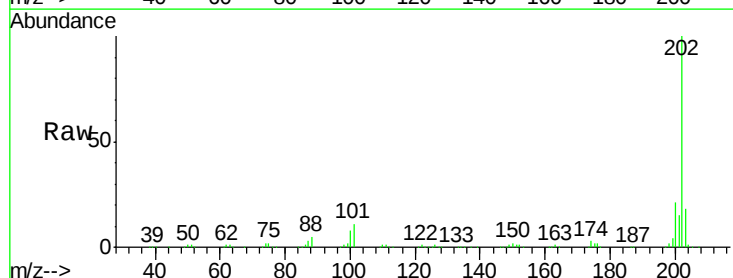
Tgt Ion:202 Resp: 586428

Ion Ratio Lower Upper

202 100

101 11.3 0.0 30.8

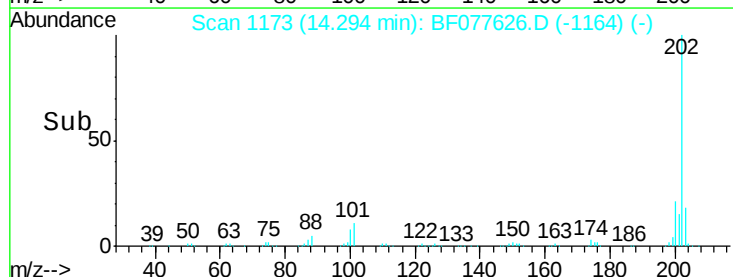
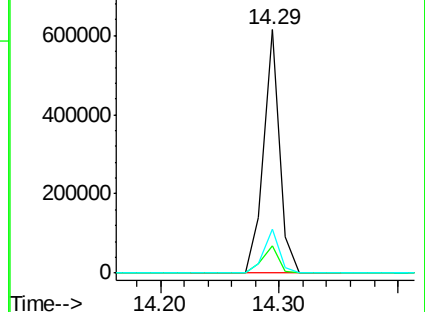
203 17.9 0.0 37.7

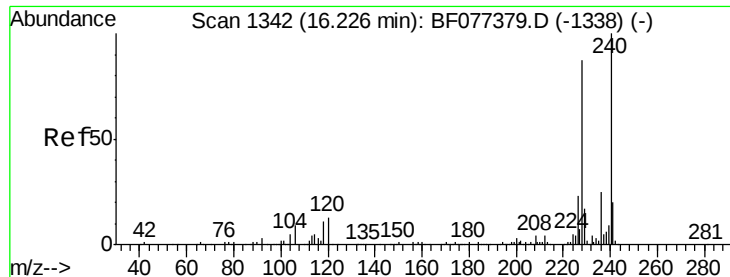


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

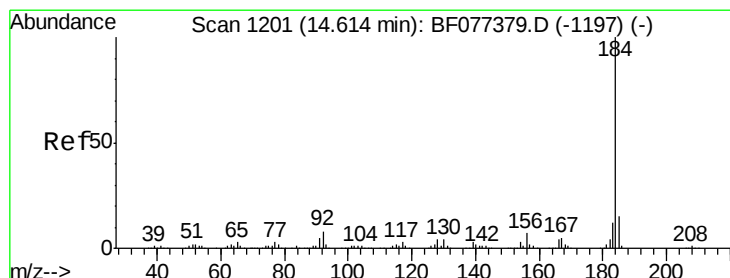
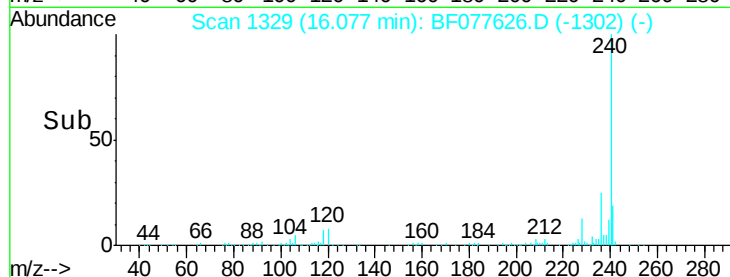
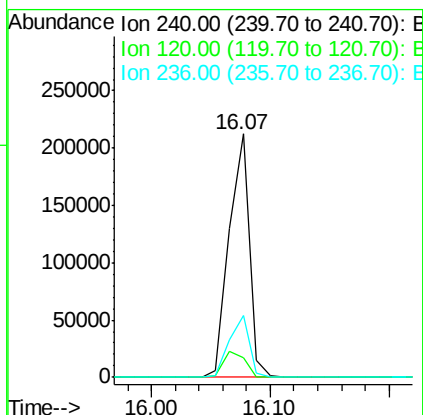
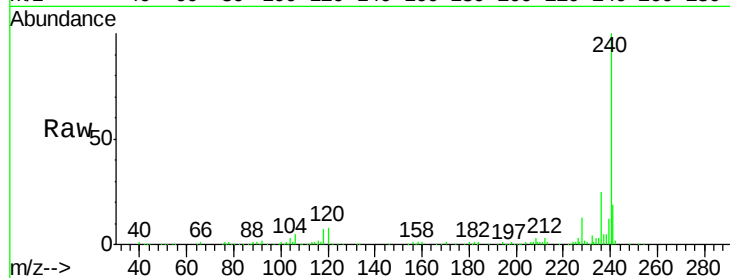




#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.07 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BF077626.D
Acq: 6 Mar 2015 17:14

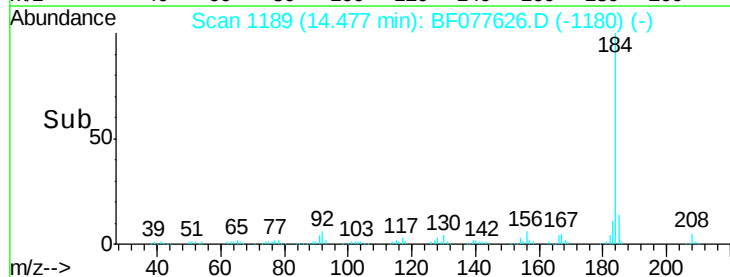
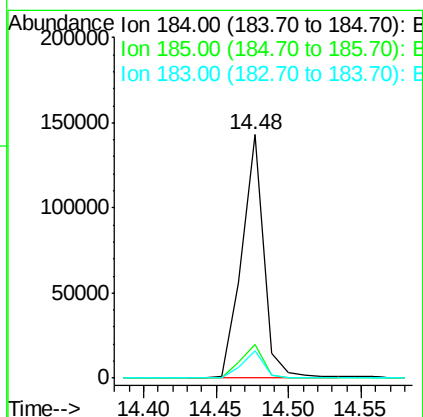
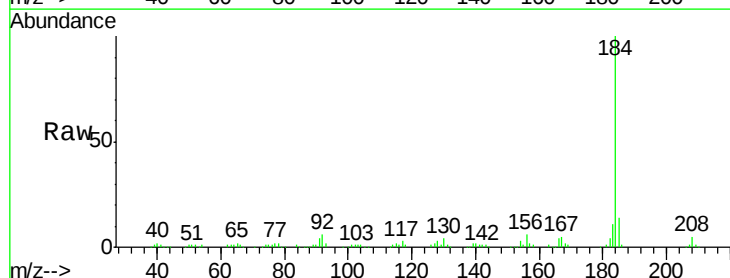
Instrument :
BNA_F
ClientSampleId :
PB81995BS

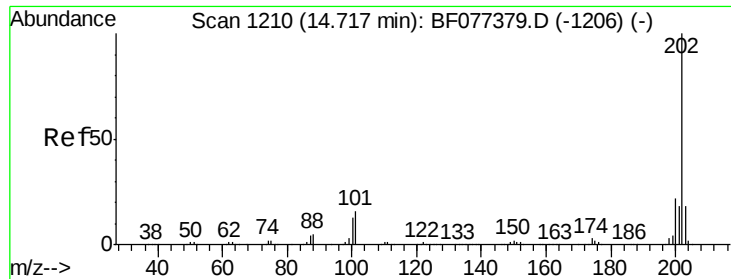
Tgt Ion:240 Resp: 251527
Ion Ratio Lower Upper
240 100
120 8.2 8.8 13.2#
236 25.4 20.7 31.1



#76
Benzidine
Concen: 17.94 ng
RT: 14.48 min Scan# 1189
Delta R.T. -0.00 min
Lab File: BF077626.D
Acq: 6 Mar 2015 17:14

Tgt Ion:184 Resp: 152473
Ion Ratio Lower Upper
184 100
185 14.1 12.6 18.8
183 11.1 9.3 13.9

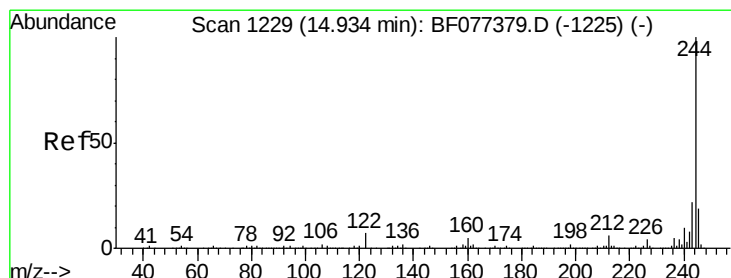
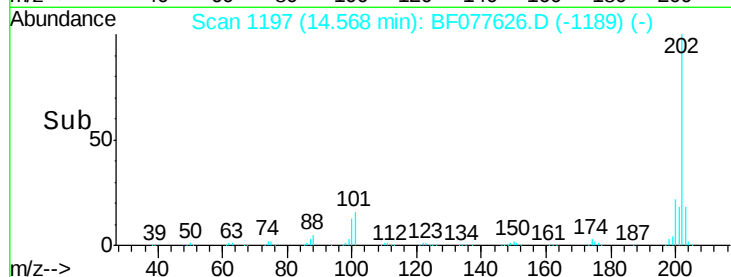
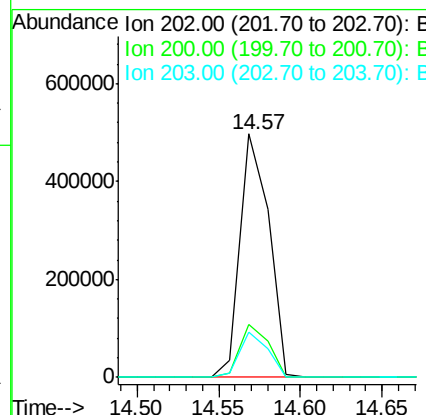
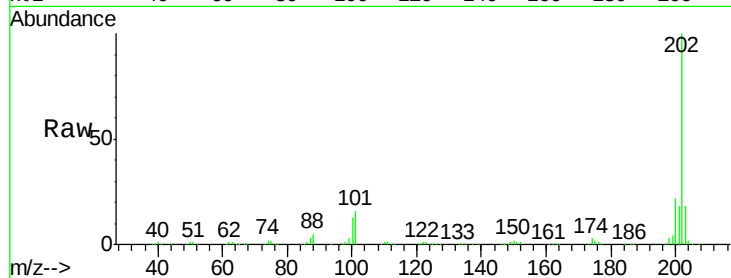




#77
 Pyrene
 Concen: 39.37 ng
 RT: 14.57 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BF077626.D
 Acq: 6 Mar 2015 17:14

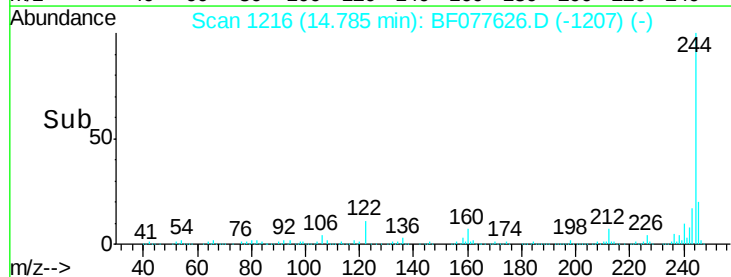
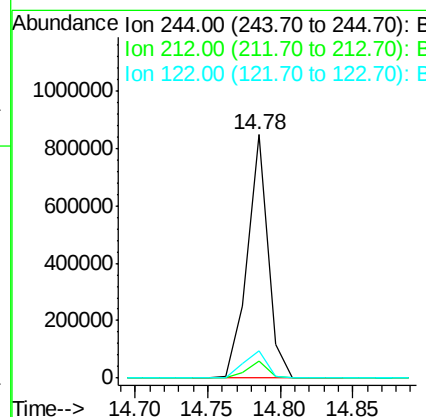
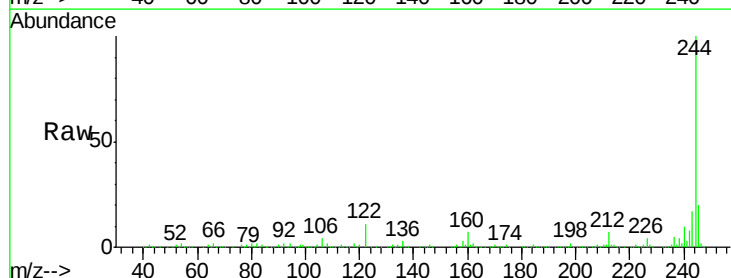
Instrument :
 BNA_F
 ClientSampleId :
 PB81995BS

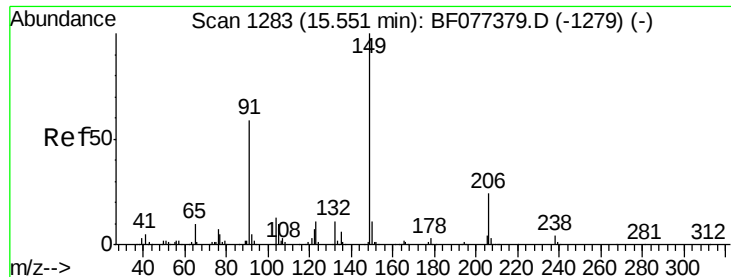
Tgt Ion: 202 Resp: 605672
 Ion Ratio Lower Upper
 202 100
 200 21.5 17.1 25.7
 203 18.4 14.2 21.2



#78
 Terphenyl-d14
 Concen: 77.99 ng
 RT: 14.78 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF077626.D
 Acq: 6 Mar 2015 17:14

Tgt Ion: 244 Resp: 839160
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.2 7.8
 122 11.1 7.8 11.8

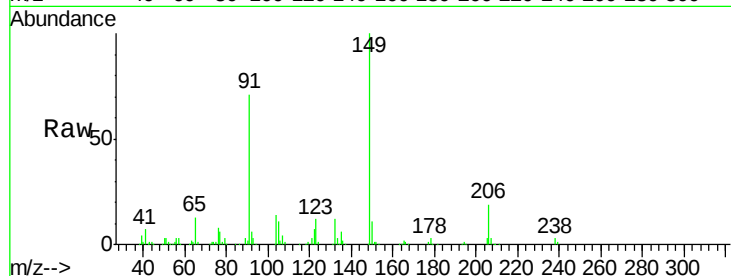




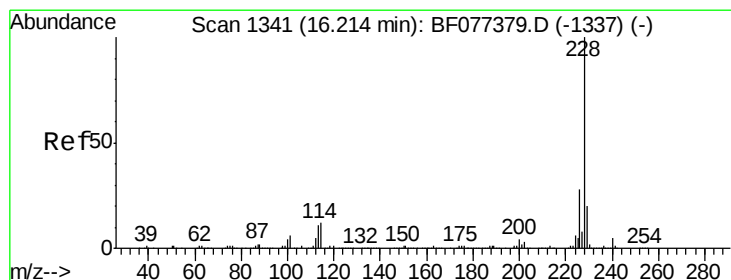
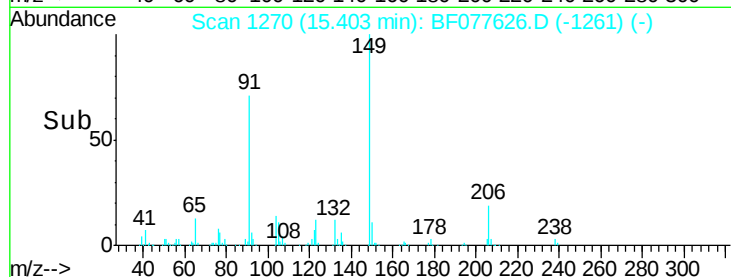
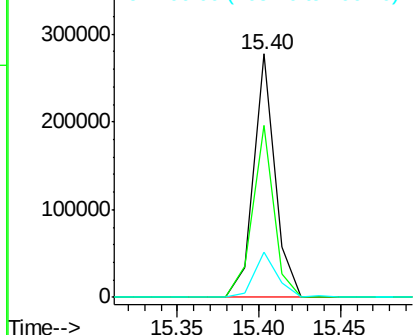
#79
Butylbenzylphthalate
Concen: 40.28 ng
RT: 15.40 min Scan# 1270
Delta R.T. -0.00 min
Lab File: BF077626.D
Acq: 6 Mar 2015 17:14

Instrument :
BNA_F
ClientSampleId :
PB81995BS

Tgt Ion:149 Resp: 254979
Ion Ratio Lower Upper
149 100
91 70.8 51.2 76.8
206 18.8 17.8 26.8

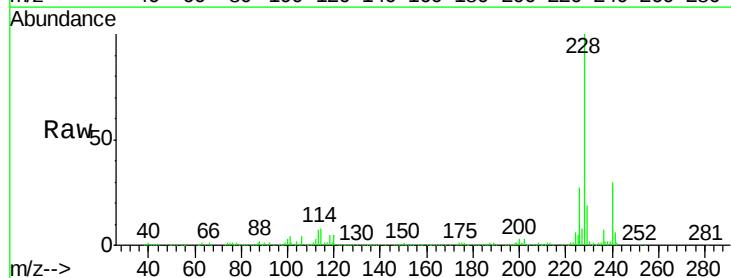


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

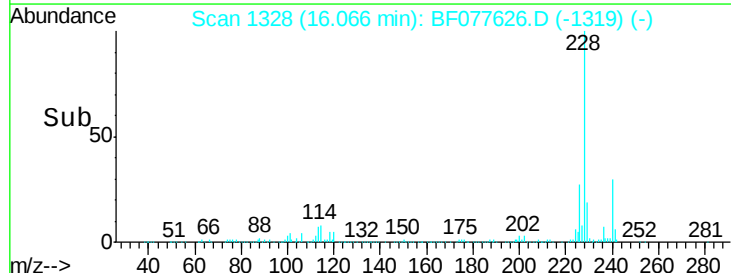
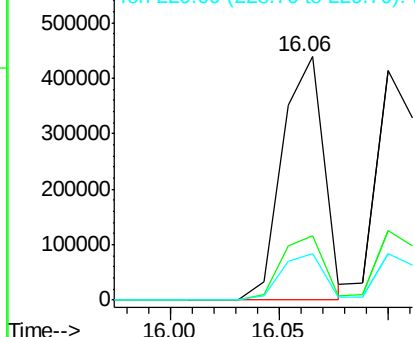


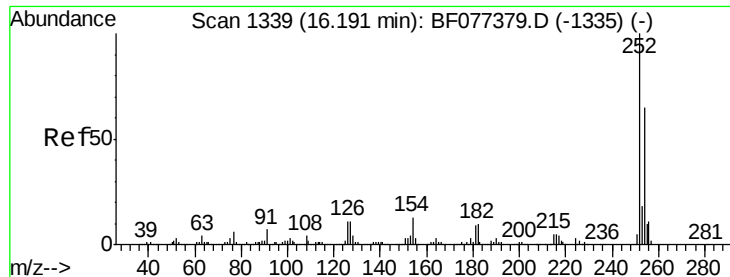
#80
Benzo(a)anthracene
Concen: 39.65 ng
RT: 16.06 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BF077626.D
Acq: 6 Mar 2015 17:14

Tgt Ion:228 Resp: 584485
Ion Ratio Lower Upper
228 100
226 26.6 22.0 33.0
229 19.1 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

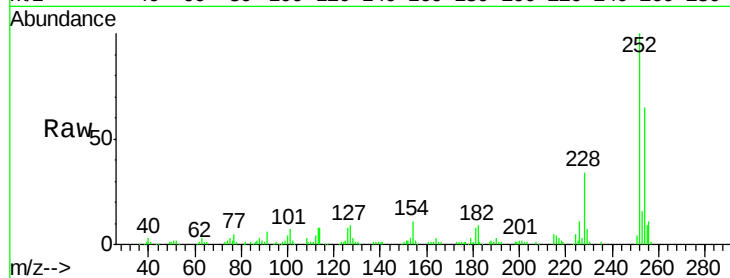




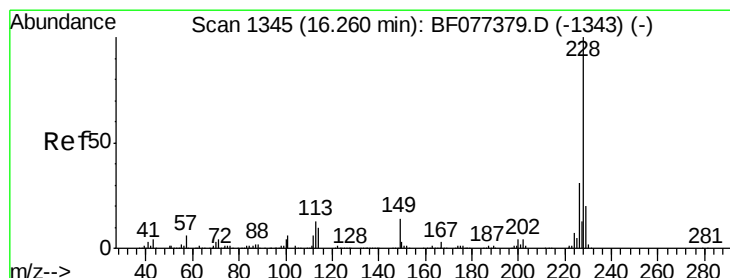
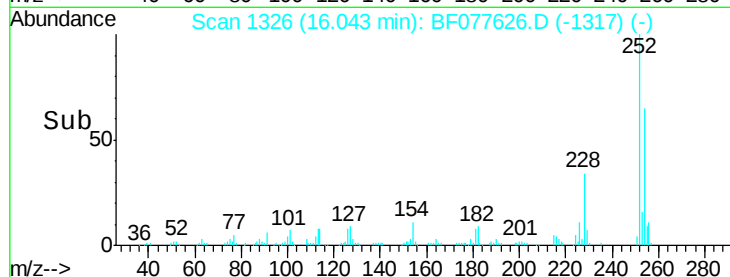
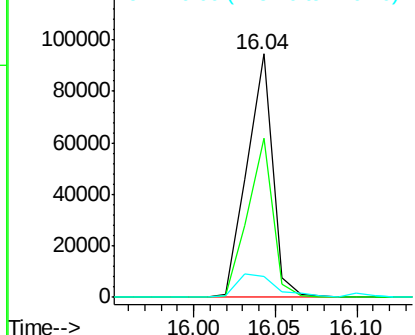
#81
 3,3'-Dichlorobenzidine
 Concen: 19.13 ng
 RT: 16.04 min Scan# 1326
 Delta R.T. -0.00 min
 Lab File: BF077626.D
 Acq: 6 Mar 2015 17:14

Instrument :
 BNA_F
 ClientSampleId :
 PB81995BS

Tgt Ion:252 Resp: 103320
 Ion Ratio Lower Upper
 252 100
 254 65.4 52.9 79.3
 126 8.4 7.3 10.9

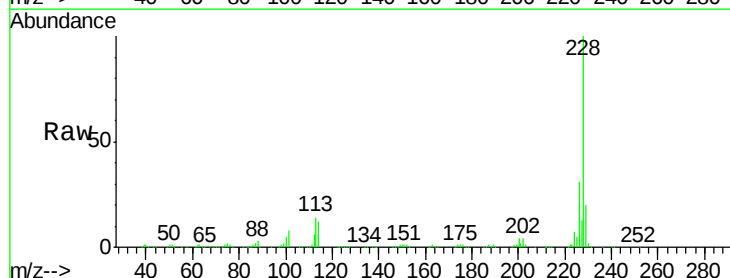


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

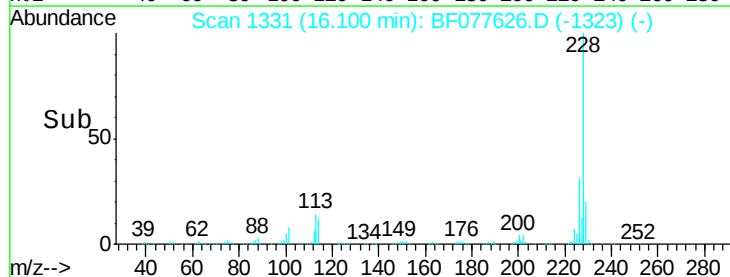
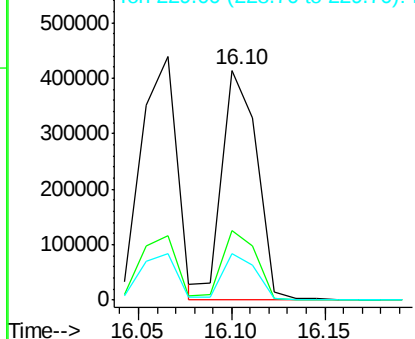


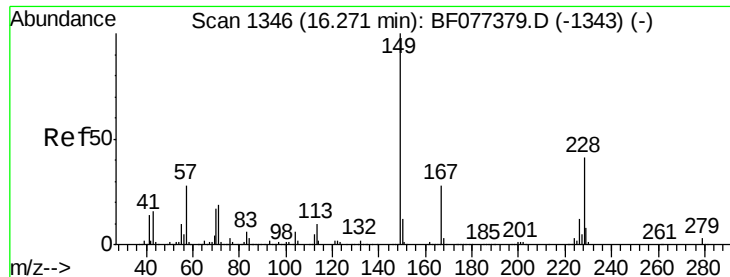
#82
 Chrysene
 Concen: 39.03 ng
 RT: 16.10 min Scan# 1331
 Delta R.T. 0.00 min
 Lab File: BF077626.D
 Acq: 6 Mar 2015 17:14

Tgt Ion:228 Resp: 540293
 Ion Ratio Lower Upper
 228 100
 226 30.5 24.9 37.3
 229 20.0 16.4 24.6



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: 36.67 ng

RT: 16.12 min Scan# 1333

Delta R.T. 0.00 min

Lab File: BF077626.D

Acq: 6 Mar 2015 17:14

Instrument :

BNA_F

ClientSampleId :

PB81995BS

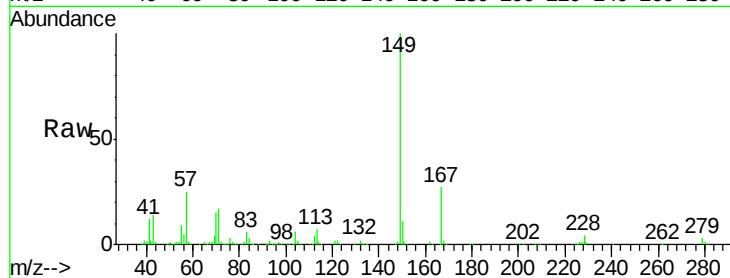
Tgt Ion:149 Resp: 372226

Ion Ratio Lower Upper

149 100

167 27.3 22.8 34.2

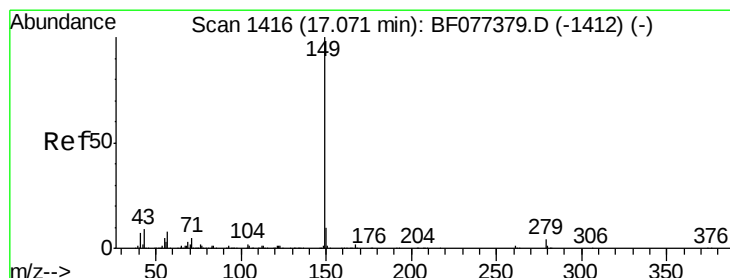
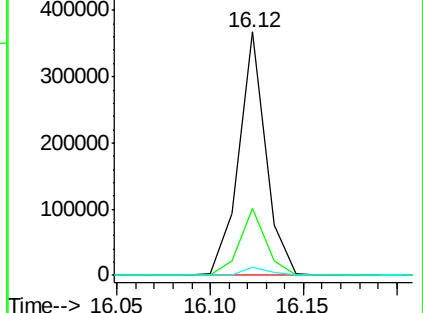
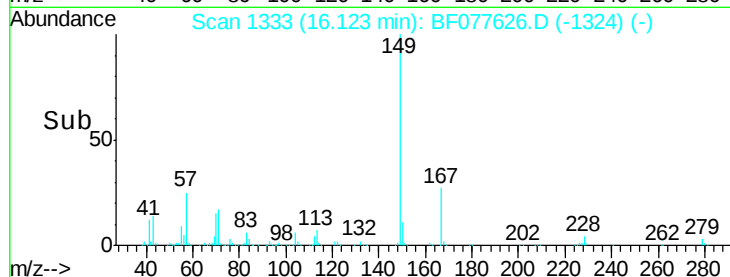
279 3.2 3.8 5.6#



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: 37.59 ng

RT: 16.91 min Scan# 1402

Delta R.T. 0.01 min

Lab File: BF077626.D

Acq: 6 Mar 2015 17:14

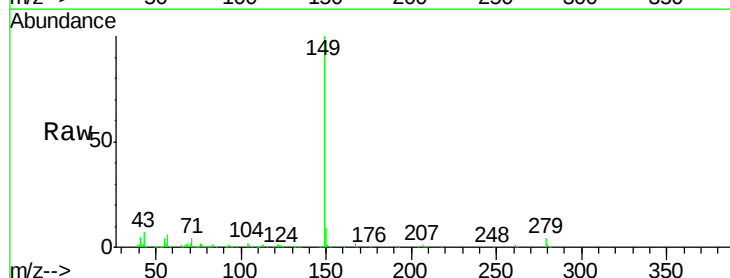
Tgt Ion:149 Resp: 637093

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

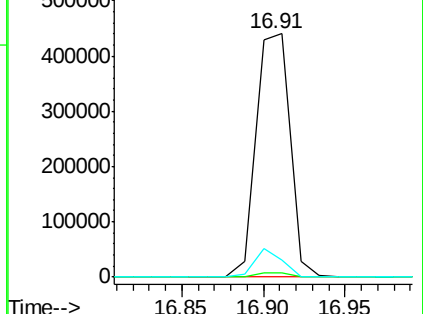
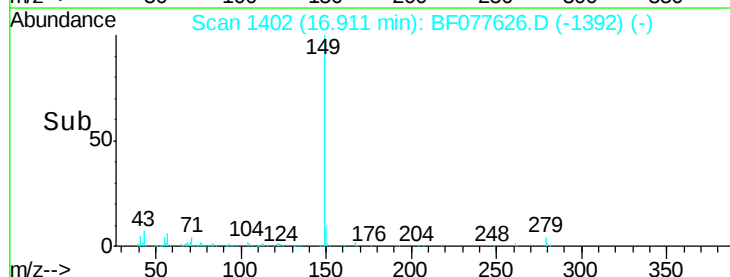
43 9.7 8.1 12.1

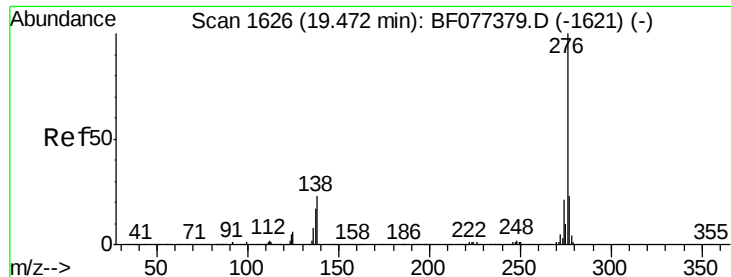


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

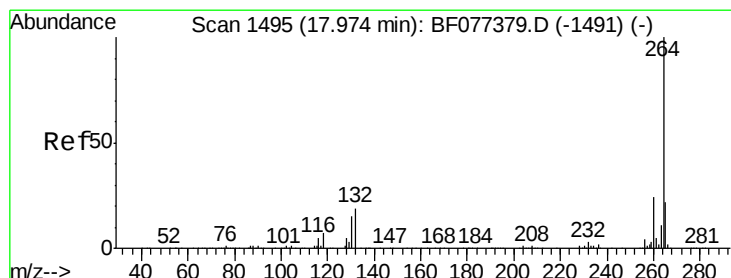
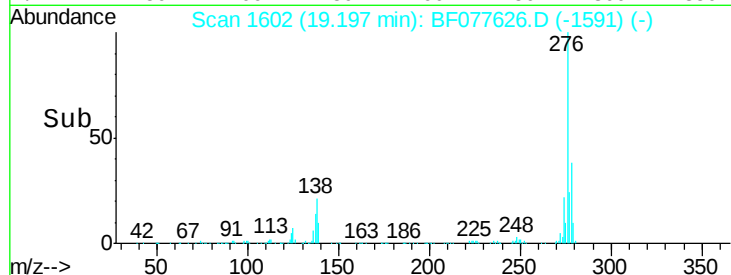
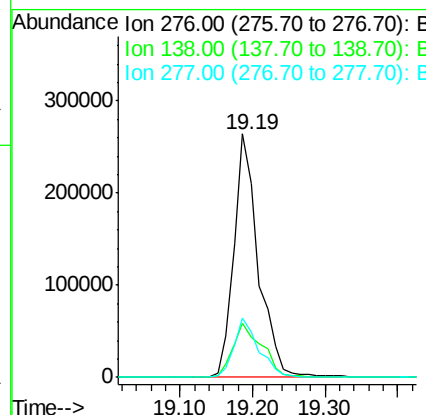
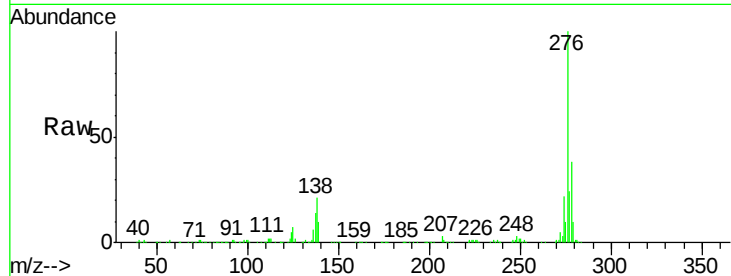




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.25 ng
 RT: 19.19 min Scan# 1602
 Delta R.T. 0.02 min
 Lab File: BF077626.D
 Acq: 6 Mar 2015 17:14

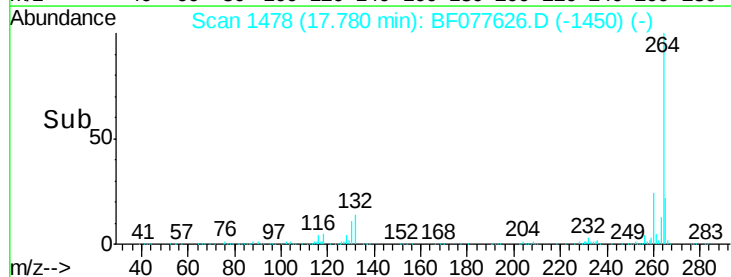
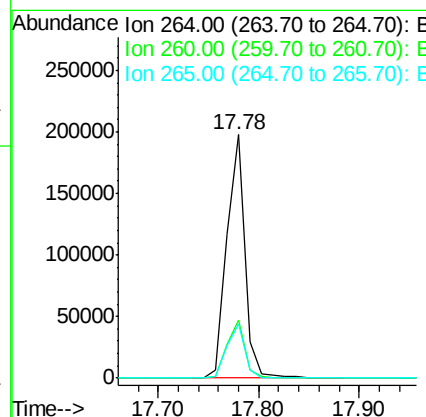
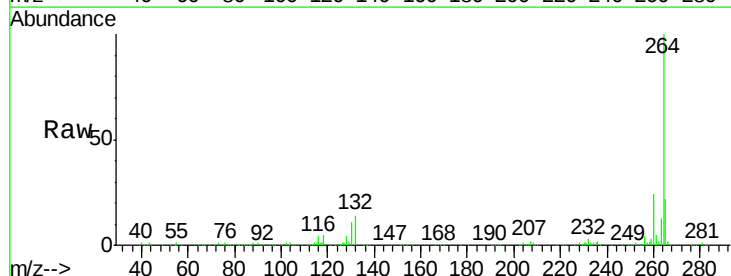
Instrument :
 BNA_F
 ClientSampleId :
 PB81995BS

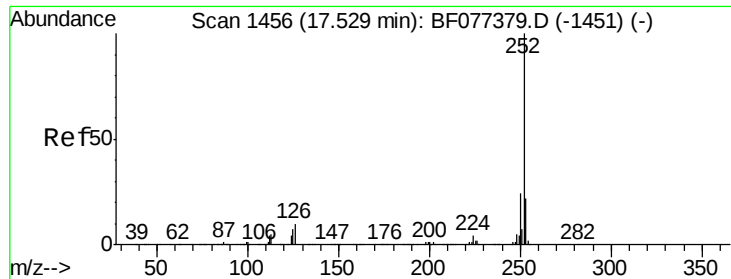
Tgt Ion:276 Resp: 619408
 Ion Ratio Lower Upper
 276 100
 138 27.0 21.2 31.8
 277 24.9 20.0 30.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.78 min Scan# 1478
 Delta R.T. 0.02 min
 Lab File: BF077626.D
 Acq: 6 Mar 2015 17:14

Tgt Ion:264 Resp: 246131
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.3 28.9
 265 22.0 16.8 25.2

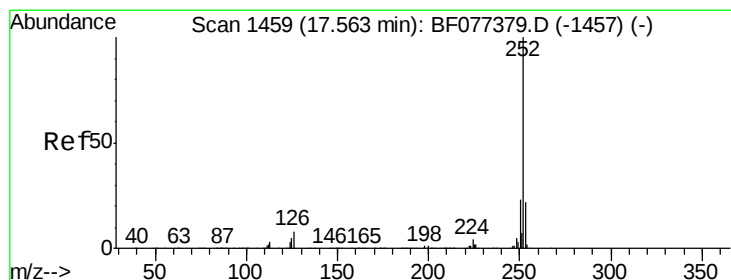
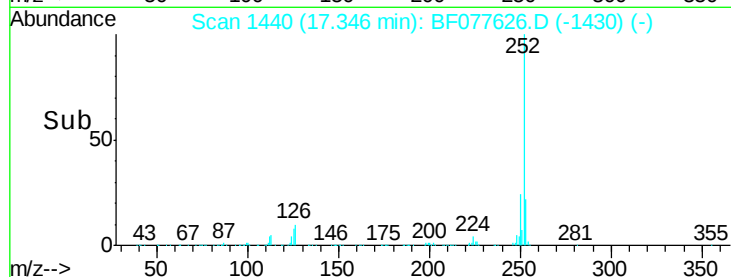
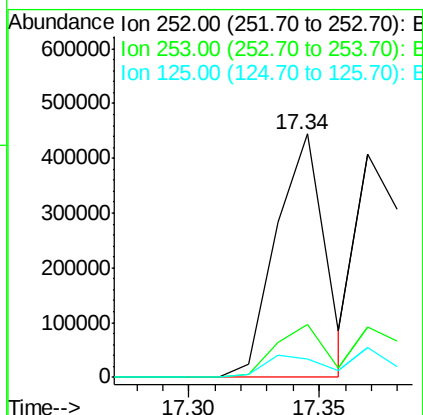
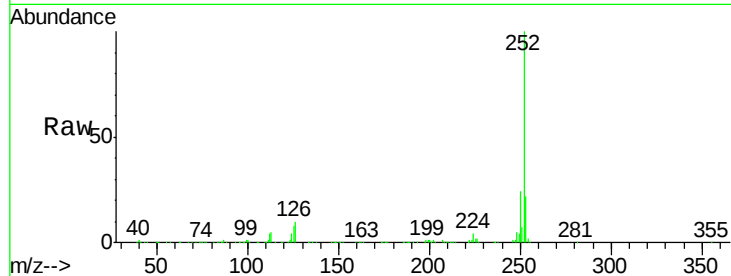




#87
Benzo(b)fluoranthene
Concen: 40.08 ng
RT: 17.34 min Scan# 1440
Delta R.T. 0.01 min
Lab File: BF077626.D
Acq: 6 Mar 2015 17:14

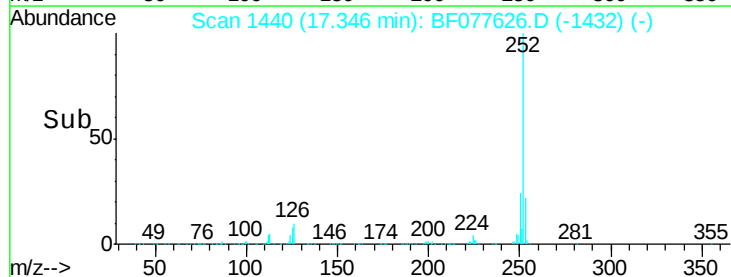
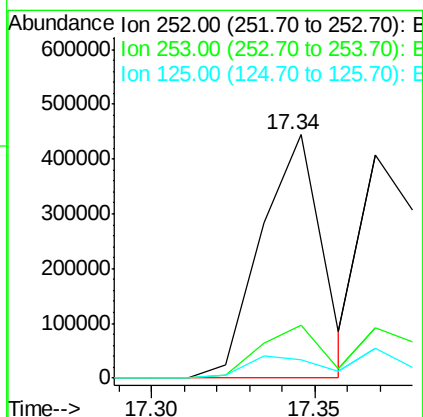
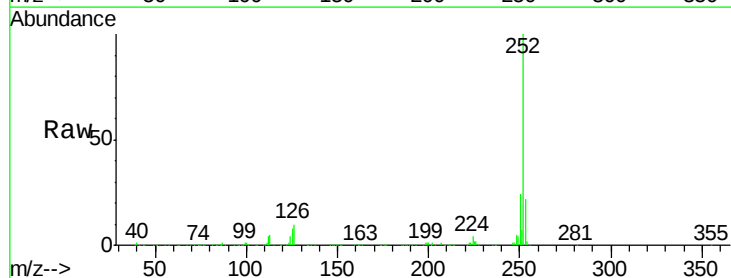
Instrument :
BNA_F
ClientSampleId :
PB81995BS

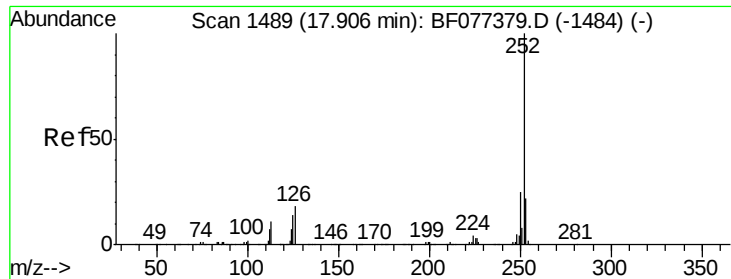
Tgt Ion:252 Resp: 573625
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 7.5 5.4 8.2



#88
Benzo(k)fluoranthene
Concen: 40.89 ng
RT: 17.34 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF077626.D
Acq: 6 Mar 2015 17:14

Tgt Ion:252 Resp: 573583
Ion Ratio Lower Upper
252 100
253 21.8 18.1 27.1
125 7.5 10.1 15.1#





#89

Benzo(a)pyrene

Concen: 38.02 ng

RT: 17.72 min Scan# 1472

Delta R.T. 0.02 min

Lab File: BF077626.D

Acq: 6 Mar 2015 17:14

Instrument :

BNA_F

ClientSampleId :

PB81995BS

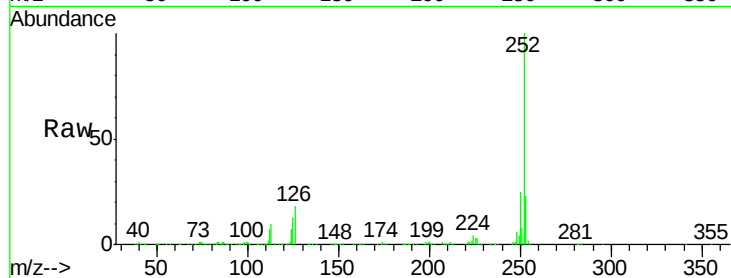
Tgt Ion:252 Resp: 518246

Ion Ratio Lower Upper

252 100

253 22.6 18.2 27.2

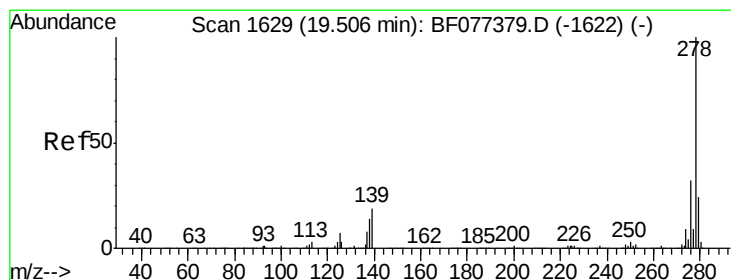
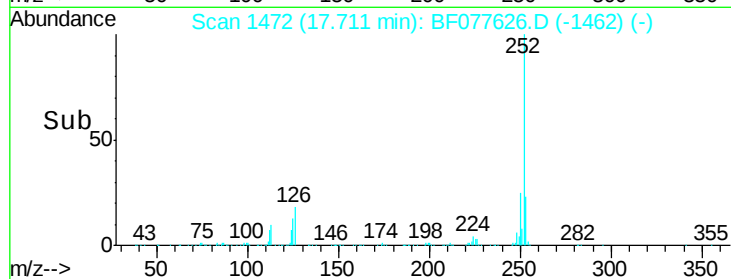
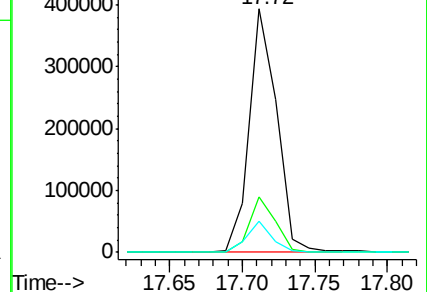
125 13.0 8.3 12.5#



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: 39.20 ng

RT: 19.22 min Scan# 1604

Delta R.T. 0.02 min

Lab File: BF077626.D

Acq: 6 Mar 2015 17:14

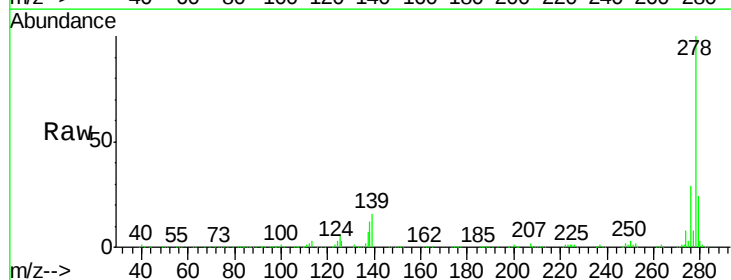
Tgt Ion:278 Resp: 509575

Ion Ratio Lower Upper

278 100

139 16.3 14.3 21.5

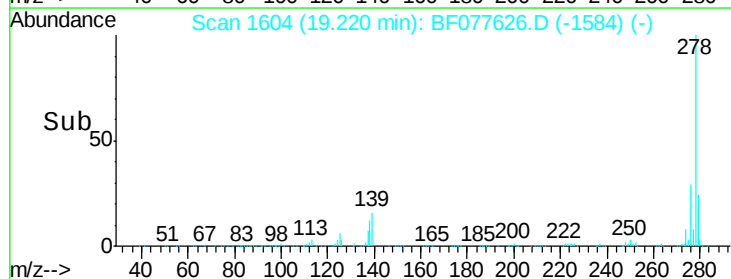
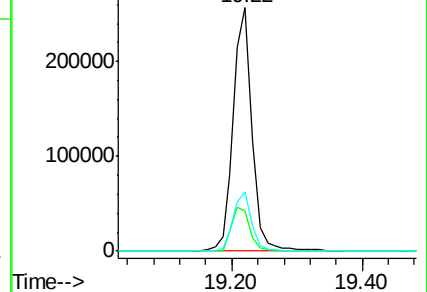
279 24.3 19.0 28.6

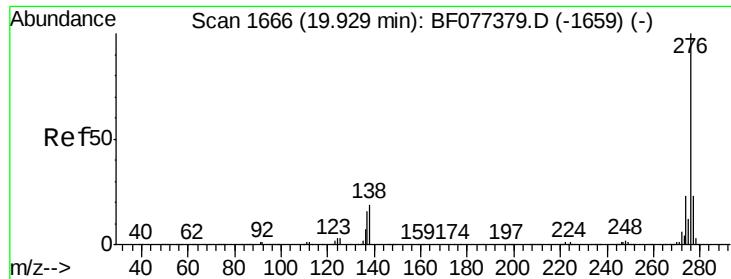


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 39.92 ng

RT: 19.61 min Scan# 1638

Delta R.T. 0.02 min

Lab File: BF077626.D

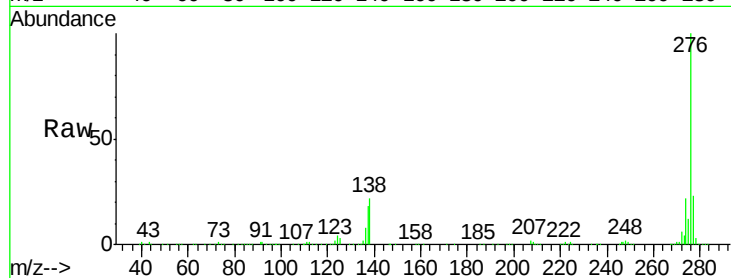
Acq: 6 Mar 2015 17:14

Instrument :

BNA_F

ClientSampleId :

PB81995BS



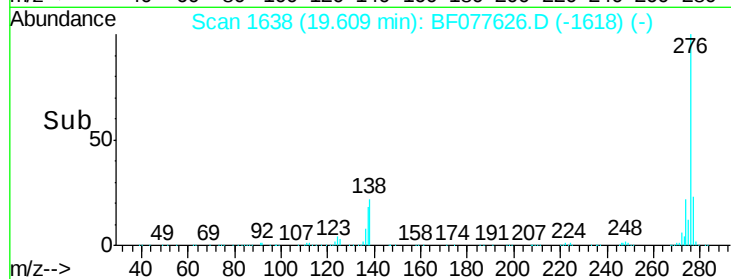
Tgt Ion: 276 Resp: 523746

Ion Ratio Lower Upper

276 100

277 23.2 18.9 28.3

138 21.9 20.5 30.7



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

