

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031715\
 Data File : BF077782.D
 Acq On : 17 Mar 2015 20:14
 Operator : TP/IZ
 Sample : PB82152BSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82152BSD

Quant Time: Mar 18 02:18:13 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 00:52:09 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.16	152	41564	20.00	ng	0.00
21) Naphthalene-d8	8.74	136	167810	20.00	ng	0.00
38) Acenaphthene-d10	10.91	164	83773	20.00	ng	0.00
63) Phenanthrene-d10	12.75	188	158352	20.00	ng	0.00
75) Chrysene-d12	16.03	240	174218	20.00	ng	0.00
86) Perylene-d12	17.72	264	161644	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.45	112	307234	129.03	ng	0.00
7) Phenol-d6	6.73	99	371673	126.33	ng	0.00
23) Nitrobenzene-d5	7.86	82	215336	84.12	ng	0.00
41) 2,4,6-Tribromophenol	11.88	330	96350	120.21	ng	-0.01
44) 2-Fluorobiphenyl	10.09	172	485962	85.25	ng	0.00
78) Terphenyl-d14	14.74	244	534401	74.93	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.06	88	36413	33.68	ng	# 100
3) Pyridine	2.76	79	88546	30.48	ng	97
4) n-Nitrosodimethylamine	2.68	42	44249	34.98	ng	# 96
6) Aniline	6.75	93	89998	21.39	ng	# 62
8) 2-Chlorophenol	6.89	128	113436	40.02	ng	97
9) Benzaldehyde	6.60	77	7762	6.44	ng	95
10) Phenol	6.74	94	133192	38.30	ng	97
11) bis(2-Chloroethyl)ether	6.85	93	106894	41.04	ng	98
12) 1,3-Dichlorobenzene	7.08	146	118873	37.71	ng	99
13) 1,4-Dichlorobenzene	7.18	146	119516	36.49	ng	99
14) 1,2-Dichlorobenzene	7.37	146	114420	38.10	ng	97
15) Benzyl Alcohol	7.34	79	88392	38.49	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.53	45	136952	39.01	ng	99
17) 2-Methylphenol	7.49	107	91546	39.67	ng	97
18) Hexachloroethane	7.78	117	40711	37.90	ng	95
19) n-Nitroso-di-n-propylamine	7.68	70	72454	35.60	ng	97
20) 3+4-Methylphenols	7.69	107	115475	38.14	ng	98
22) Acetophenone	7.68	105	150628	40.55	ng	# 91
24) Nitrobenzene	7.88	77	108118	39.20	ng	# 79
25) Isophorone	8.18	82	202383	39.15	ng	98
26) 2-Nitrophenol	8.27	139	55689	41.24	ng	93
27) 2,4-Dimethylphenol	8.34	122	103307	42.00	ng	97
28) bis(2-Chloroethoxy)methane	8.46	93	129128	41.15	ng	99
29) 2,4-Dichlorophenol	8.57	162	96864	41.31	ng	97
30) 1,2,4-Trichlorobenzene	8.67	180	100730	38.40	ng	98
31) Naphthalene	8.76	128	320849	37.23	ng	100
32) Benzoic acid	8.45	122	45711	34.26	ng	94
33) 4-Chloroaniline	8.84	127	78011	22.30	ng	97
34) Hexachlorobutadiene	8.92	225	54649	36.75	ng	97
35) Caprolactam	9.26	113	28708	41.89	ng	93
36) 4-Chloro-3-methylphenol	9.45	107	93177	39.50	ng	85
37) 2-Methylnaphthalene	9.62	142	224911	38.84	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.82	216	98434	39.40	ng	# 100
40) Hexachlorocyclopentadiene	9.81	237	94323	75.59	ng	97

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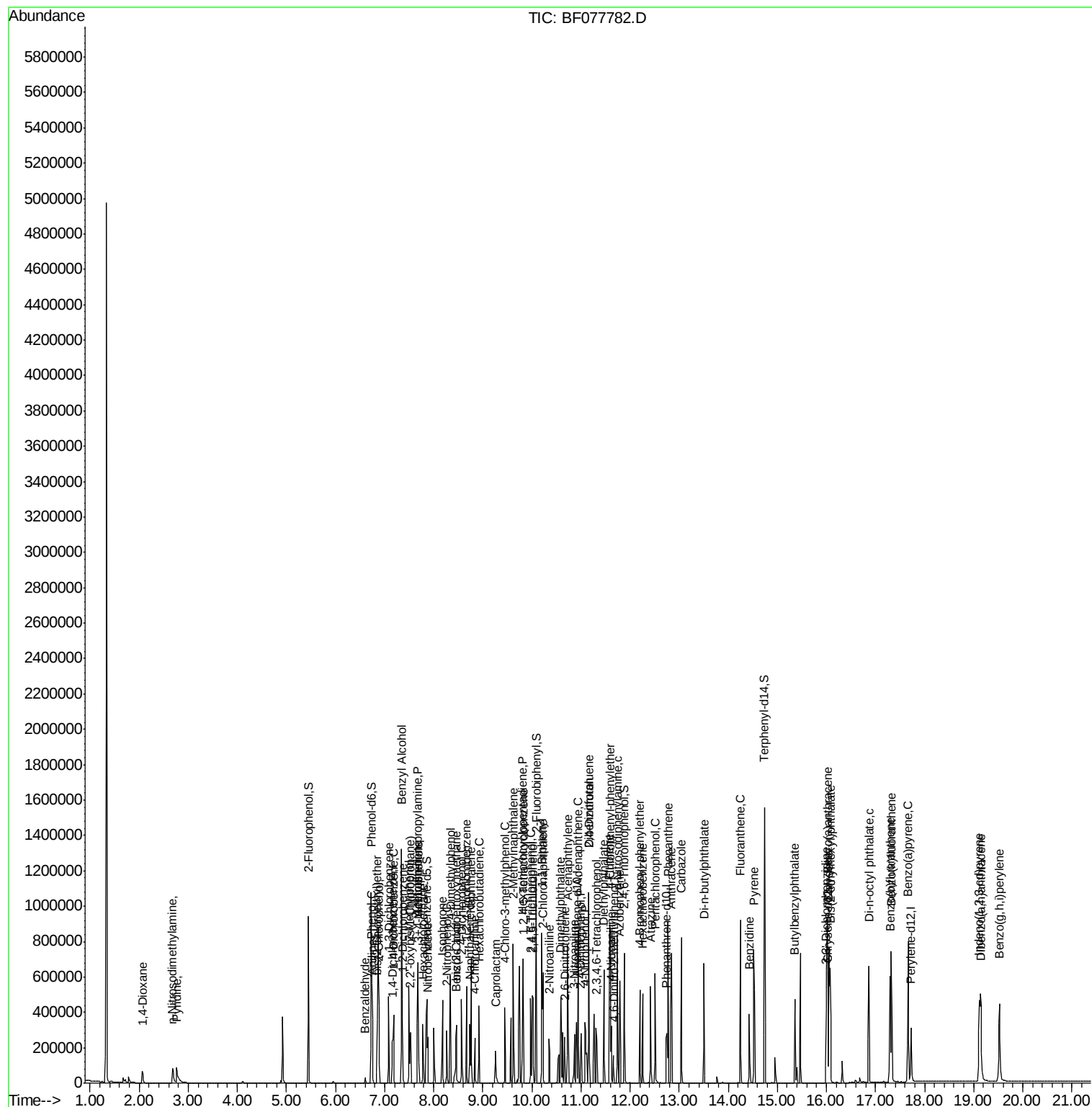
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.97	196	66145	38.22	nq	98
43) 2,4,5-Trichlorophenol	10.02	196	72001	38.51	nq	# 88
45) 1,1'-Biphenyl	10.20	154	266362	39.77	nq	97
46) 2-Chloronaphthalene	10.22	162	213147	39.16	nq	98
47) 2-Nitroaniline	10.35	65	52835	39.09	nq	# 81
48) Acenaphthylene	10.73	152	330455	36.51	nq	100
49) Dimethylphthalate	10.59	163	237753	38.26	nq	100
50) 2,6-Dinitrotoluene	10.67	165	52640	40.87	nq	# 70
51) Acenaphthene	10.94	154	192728	37.14	nq	98
52) 3-Nitroaniline	10.86	138	43729	29.23	nq	85
53) 2,4-Dinitrophenol	11.00	184	40698	85.41	nq	# 76
54) Dibenzofuran	11.16	168	303801	39.48	nq	97
55) 4-Nitrophenol	11.09	139	91225	82.33	nq	93
56) 2,4-Dinitrotoluene	11.16	165	74909	44.60	nq	# 76
57) Fluorene	11.58	166	246074	38.51	nq	98
58) 2,3,4,6-Tetrachlorophenol	11.32	232	56833	39.47	nq	# 100
59) Diethylphthalate	11.47	149	236776	39.11	nq	97
60) 4-Chlorophenyl-phenylether	11.60	204	112355	38.53	nq	92
61) 4-Nitroaniline	11.62	138	57836	38.80	nq	84
62) Azobenzene	11.79	77	227658	39.35	nq	93
64) 4,6-Dinitro-2-methylphenol	11.66	198	27562	37.86	nq	# 69
65) n-Nitrosodiphenylamine	11.74	169	211191	40.05	nq	99
66) 4-Bromophenyl-phenylether	12.20	248	68149	40.33	nq	# 91
67) Hexachlorobenzene	12.26	284	72312	38.94	nq	# 94
68) Atrazine	12.42	200	64330	43.54	nq	95
69) Pentachlorophenol	12.51	266	76509	78.72	nq	97
70) Phenanthrene	12.77	178	368454	40.53	nq	100
71) Anthracene	12.84	178	370247	41.22	nq	99
72) Carbazole	13.05	167	350982	41.08	nq	99
73) Di-n-butylphthalate	13.51	149	380807	39.75	nq	99
74) Fluoranthene	14.25	202	390287	38.92	nq	96
76) Benzidine	14.43	184	165470	38.38	nq	98
77) Pyrene	14.52	202	417038	38.07	nq	99
79) Butylbenzylphthalate	15.36	149	162290	37.57	nq	# 78
80) Benzo(a)anthracene	16.02	228	401318	38.86	nq	99
81) 3,3'-Dichlorobenzidine	16.00	252	89047	26.14	nq	99
82) Chrysene	16.05	228	354048	38.13	nq	99
83) Bis(2-ethylhexyl)phthalate	16.08	149	233750	35.73	nq	# 95
84) Di-n-octyl phthalate	16.87	149	385302	34.44	nq	99
85) Indeno(1,2,3-cd)pyrene	19.12	276	404559	34.91	nq	# 100
87) Benzo(b)fluoranthene	17.30	252	382987	36.29	nq	# 95
88) Benzo(k)fluoranthene	17.32	252	373431m	45.30	nq	
89) Benzo(a)pyrene	17.67	252	363754	41.31	nq	# 97
90) Dibenzo(a,h)anthracene	19.15	278	332048	38.02	nq	99
91) Benzo(g,h,i)perylene	19.53	276	343766	38.67	nq	98

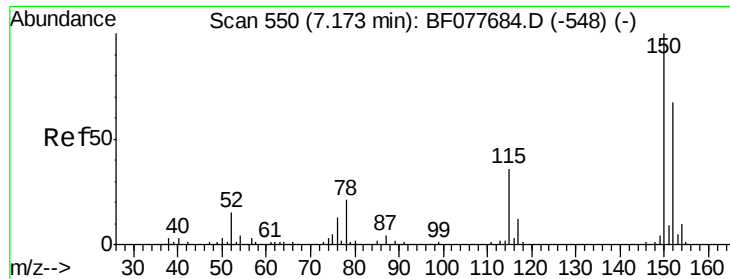
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.16 min Scan# 549

Delta R.T. -0.00 min

Lab File: BF077782.D

Acq: 17 Mar 2015 20:14

Instrument :

BNA_F

ClientSampleId :

PB82152BSD

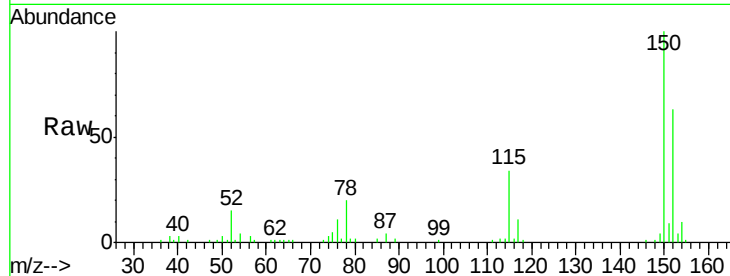
Tot Ion:152 Resp: 41564

Ion Ratio Lower Upper

152 100

150 157.9 119.5 179.3

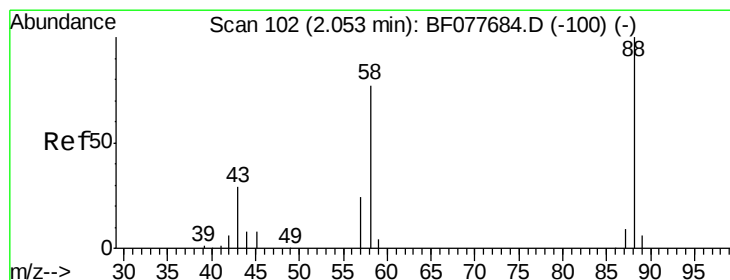
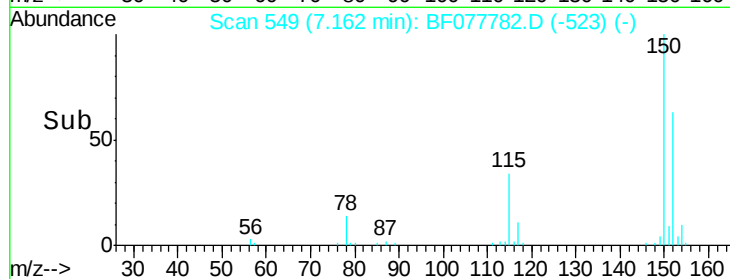
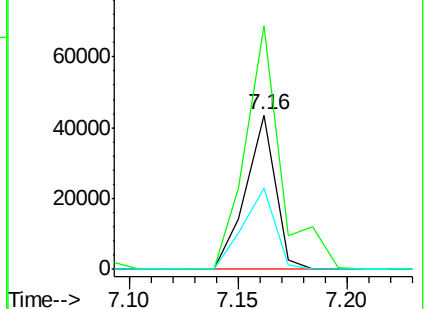
115 53.0 43.0 64.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 33.68 ng

RT: 2.06 min Scan# 103

Delta R.T. 0.02 min

Lab File: BF077782.D

Acq: 17 Mar 2015 20:14

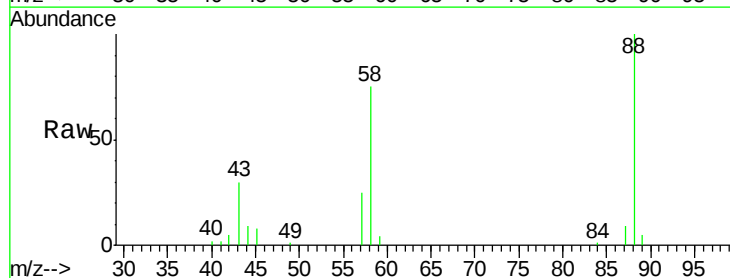
Tgt Ion: 88 Resp: 36413

Ion Ratio Lower Upper

88 100

58 75.6 0.0 0.0#

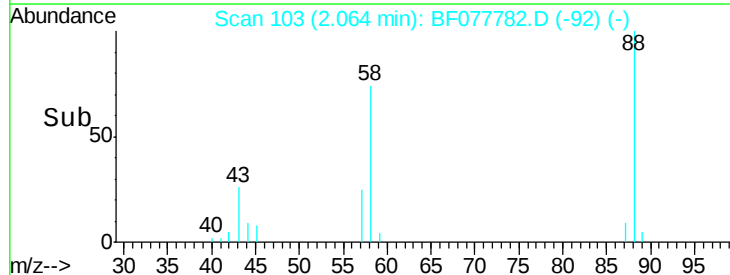
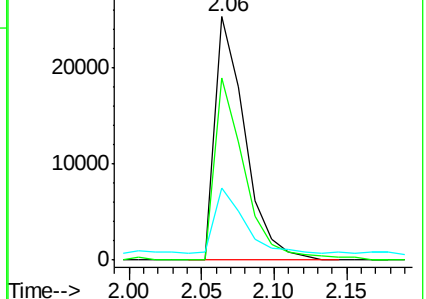
43 26.1 0.0 0.0#

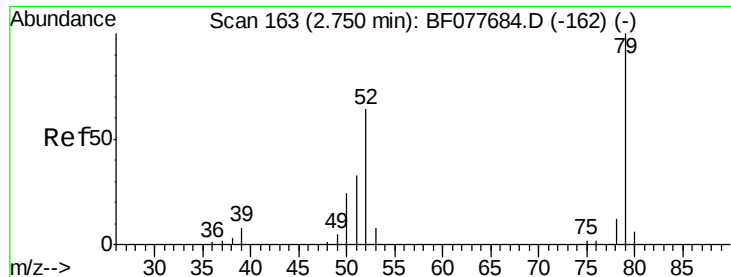


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

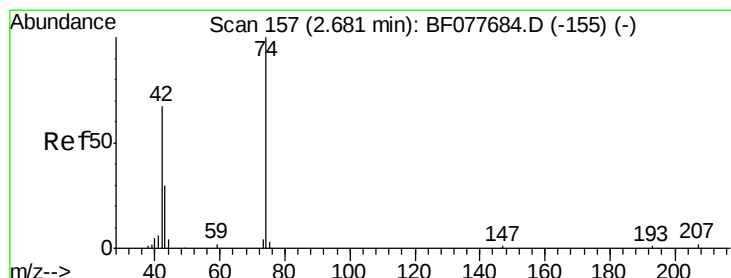
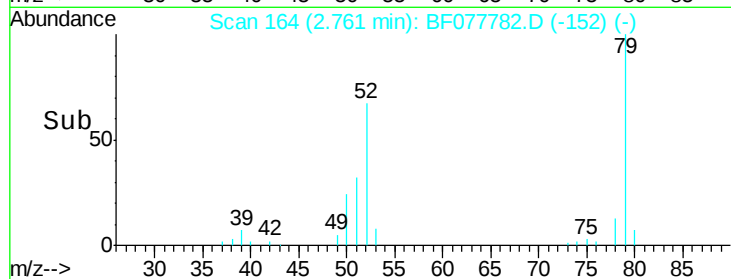
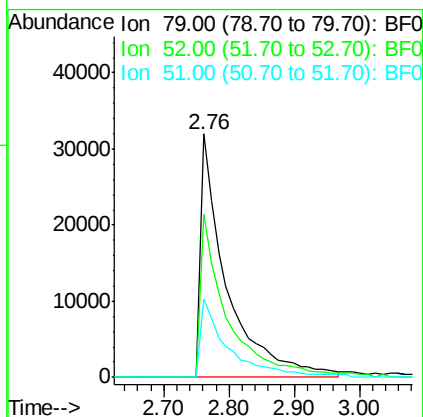
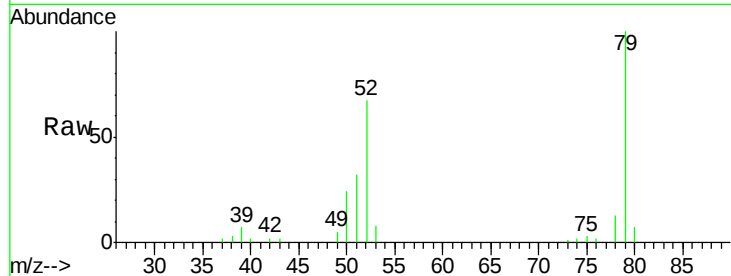




#3
 Pvridine
 Concen: 30.48 ng
 RT: 2.76 min Scan# 164
 Delta R.T. 0.03 min
 Lab File: BF077782.D
 Acq: 17 Mar 2015 20:14

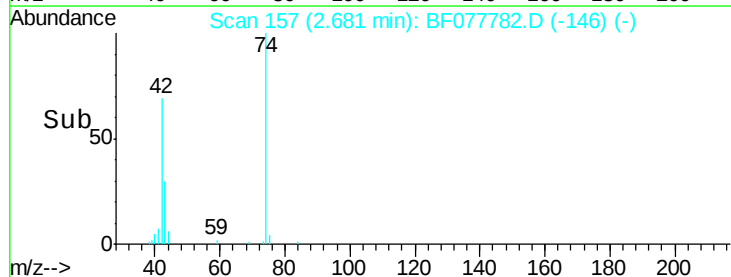
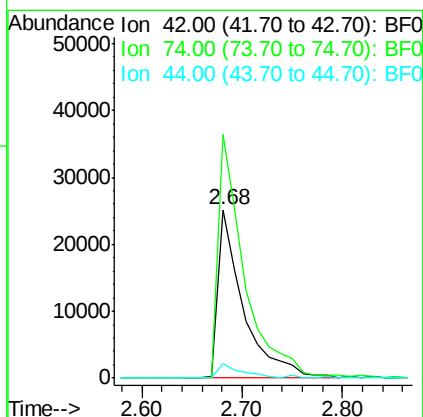
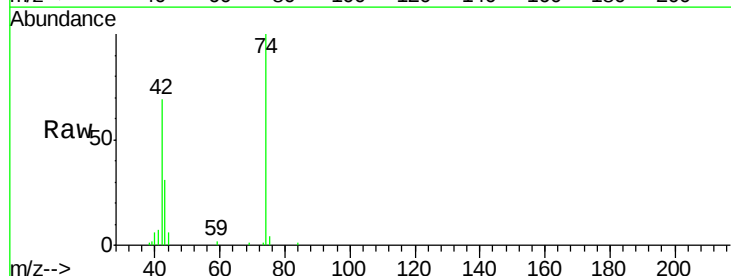
Instrument :
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Tot Ion: 79 Resp: 88546
 Ion Ratio Lower Upper
 79 100
 52 66.9 51.1 76.7
 51 32.5 26.1 39.1



#4
 n-Nitrosodimethylamine
 Concen: 34.98 ng
 RT: 2.68 min Scan# 157
 Delta R.T. 0.02 min
 Lab File: BF077782.D
 Acq: 17 Mar 2015 20:14

Tgt Ion: 42 Resp: 44249
 Ion Ratio Lower Upper
 42 100
 74 144.4 119.3 178.9
 44 8.4 5.4 8.2#





#5

2-Fluorophenol

Concen: 129.03 ng

RT: 5.45 min Scan# 399

Delta R.T. -0.00 min

Lab File: BF077782.D

Acq: 17 Mar 2015 20:14

Instrument :

BNA_F

ClientSampleId :

PB82152BSD

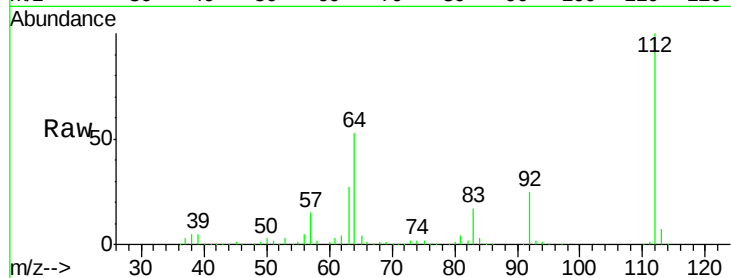
Tot Ion: 112 Resp: 307234

Ion Ratio Lower Upper

112 100

64 52.8 38.6 57.8

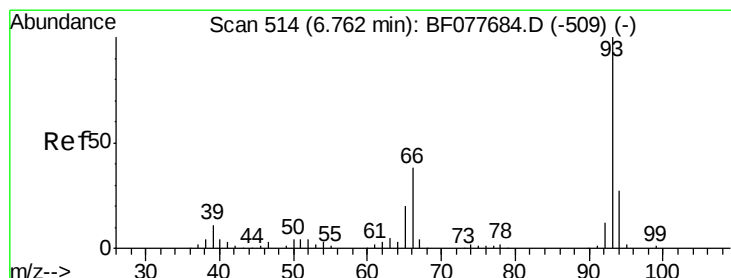
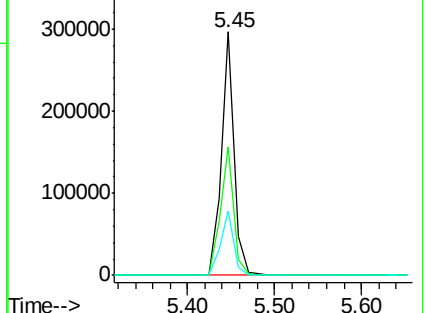
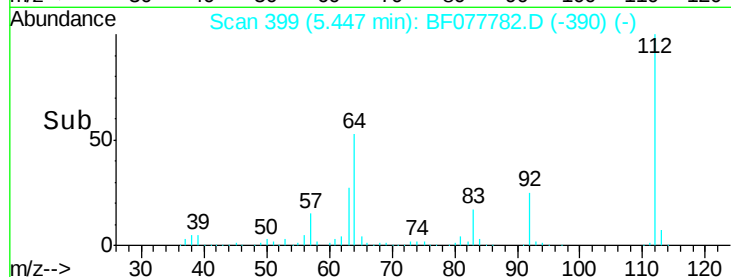
63 26.5 19.3 28.9



Abundance Ion 112.00 (111.70 to 112.70): BF077782.D (-504) (-)

Ion 64.00 (63.70 to 64.70): BF077782.D (-504) (-)

Ion 63.00 (62.70 to 63.70): BF077782.D (-504) (-)



#6

Aniline

Concen: 21.39 ng

RT: 6.75 min Scan# 513

Delta R.T. -0.00 min

Lab File: BF077782.D

Acq: 17 Mar 2015 20:14

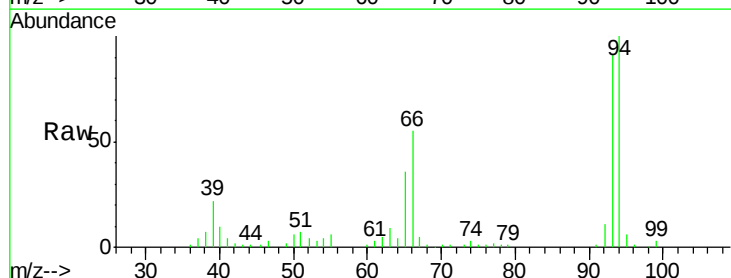
Tgt Ion: 93 Resp: 89998

Ion Ratio Lower Upper

93 100

66 60.5 30.8 46.2#

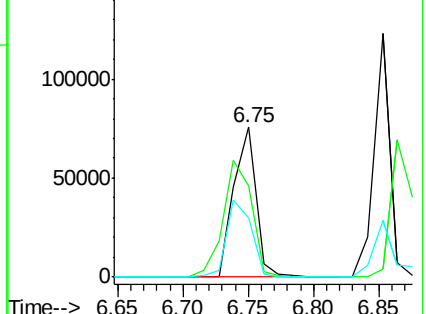
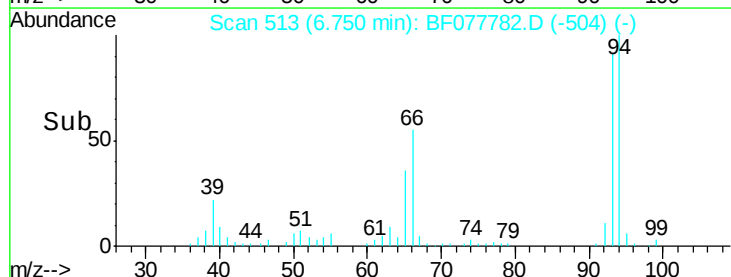
65 39.4 16.0 24.0#



Abundance Ion 93.00 (92.70 to 93.70): BF077782.D (-504) (-)

Ion 66.00 (65.70 to 66.70): BF077782.D (-504) (-)

Ion 65.00 (64.70 to 65.70): BF077782.D (-504) (-)





#7

Phenol-d6

Concen: 126.33 ng

RT: 6.73 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF077782.D

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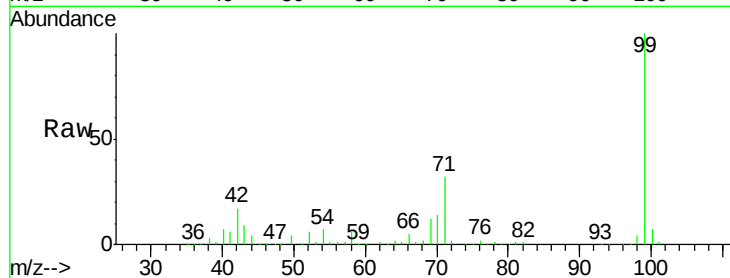
Tot Ion: 99 Resp: 371673

Ion Ratio Lower Upper

99 100

42 17.2 11.0 16.4#

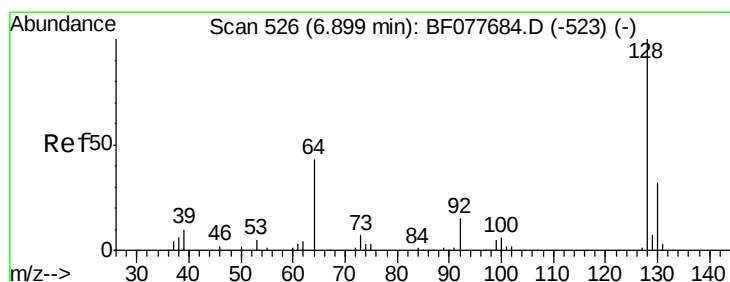
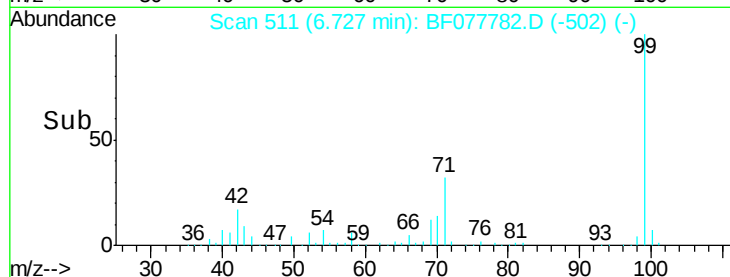
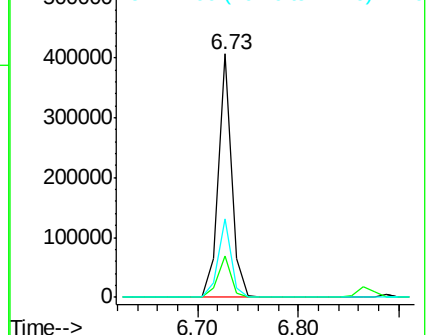
71 32.4 23.4 35.2



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: 40.02 ng

RT: 6.89 min Scan# 525

Delta R.T. -0.00 min

Lab File: BF077782.D

Acq: 17 Mar 2015 20:14

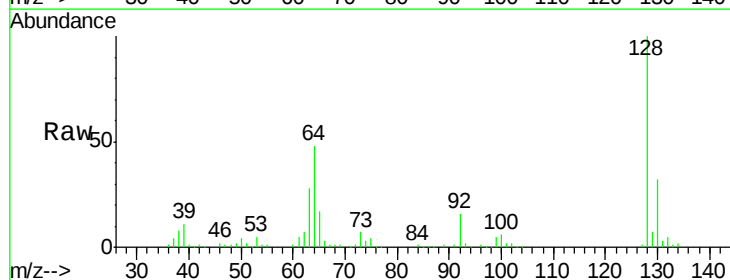
Tgt Ion:128 Resp: 113436

Ion Ratio Lower Upper

128 100

130 32.4 12.0 52.0

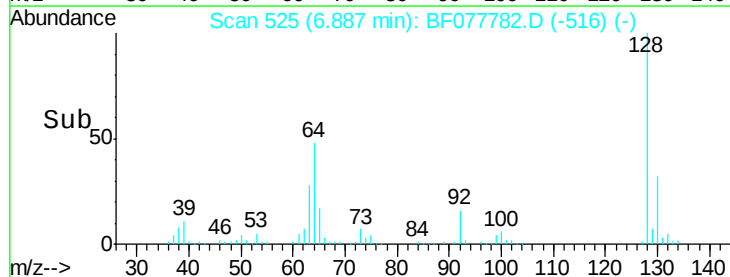
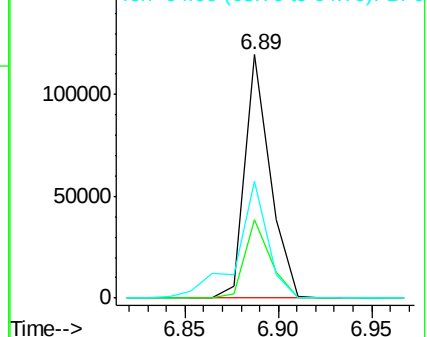
64 47.8 24.9 64.9

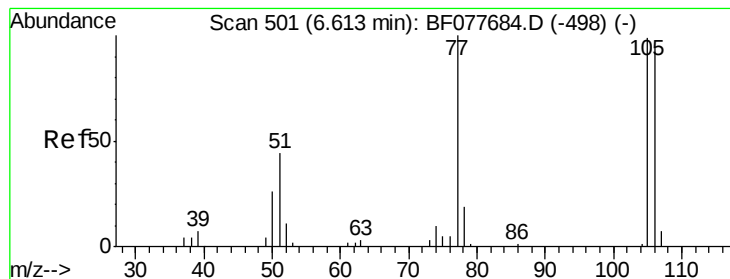


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 6.44 ng

RT: 6.60 min Scan# 500

Delta R.T. -0.00 min

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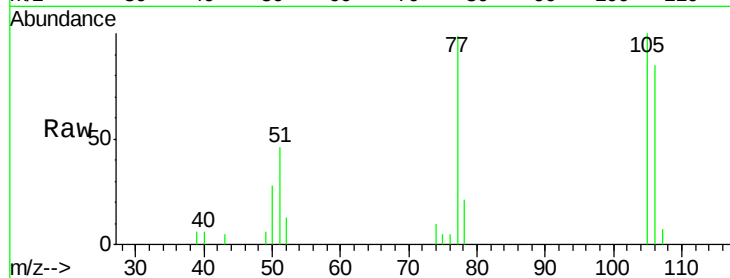
Tot Ion: 77 Resp: 7762

Ion Ratio Lower Upper

77 100

105 101.0 78.8 118.8

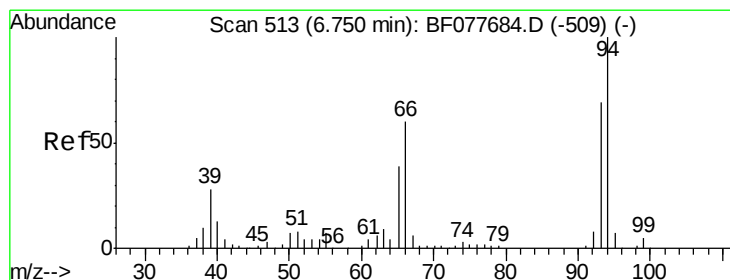
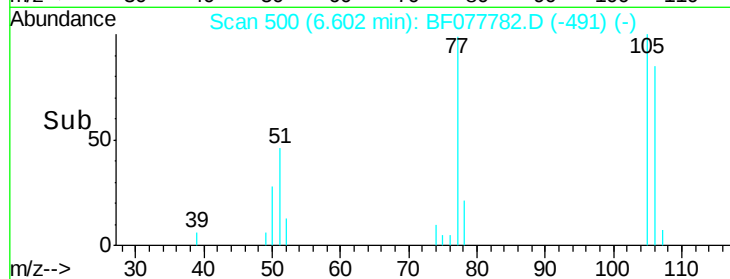
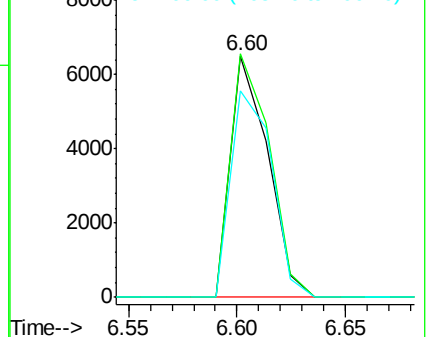
106 85.6 73.7 113.7



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 38.30 ng

RT: 6.74 min Scan# 512

Delta R.T. -0.01 min

Lab File: BF077782.D

Acq: 17 Mar 2015 20:14

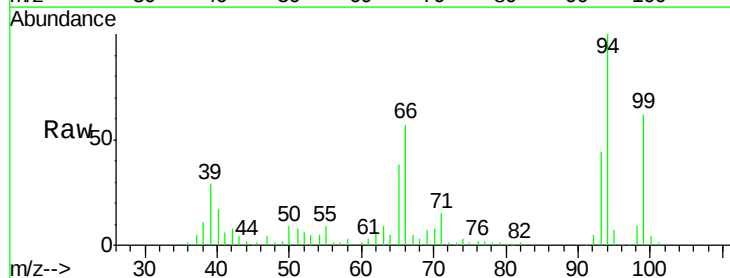
Tgt Ion: 94 Resp: 133192

Ion Ratio Lower Upper

94 100

65 37.6 18.8 58.8

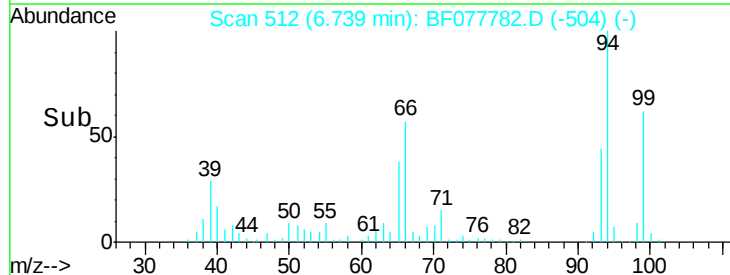
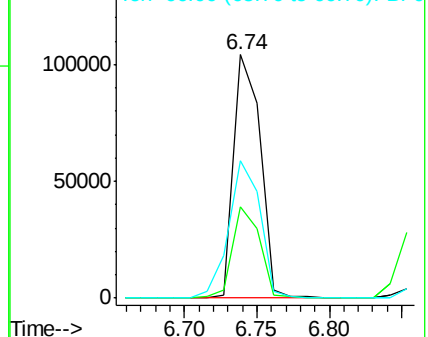
66 56.7 39.9 79.9

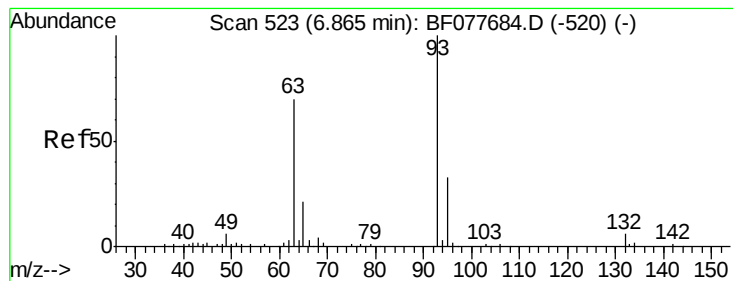


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

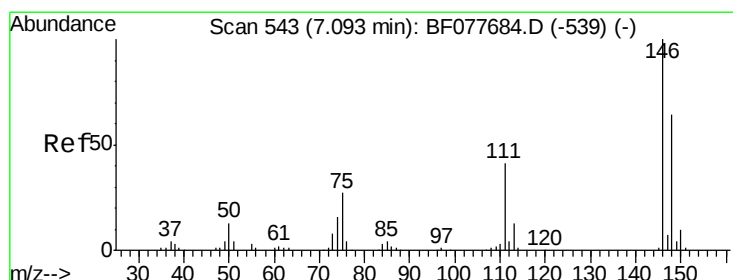
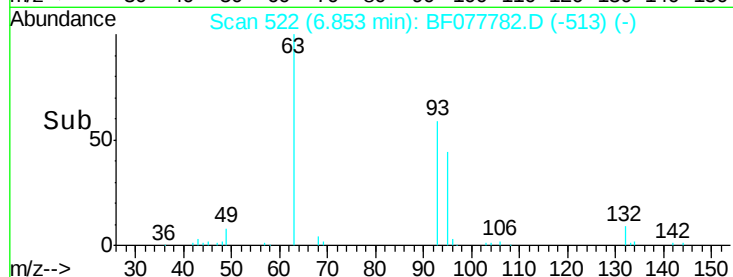
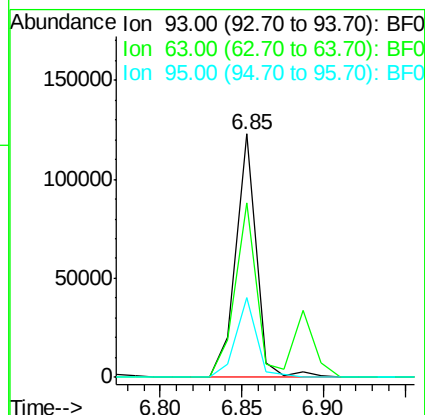
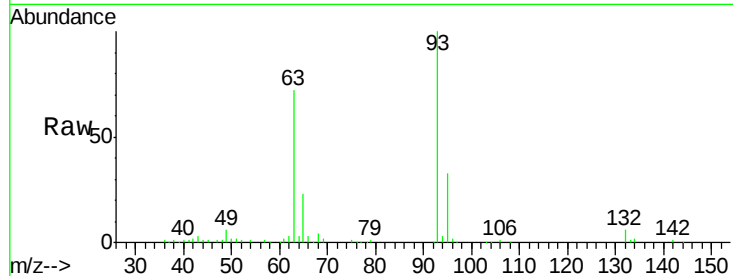




#11
bis(2-Chloroethyl)ether
Concen: 41.04 ng
RT: 6.85 min Scan# 522
Delta R.T. -0.00 min
Lab File: BF077782.D
Acq: 17 Mar 2015 20:14

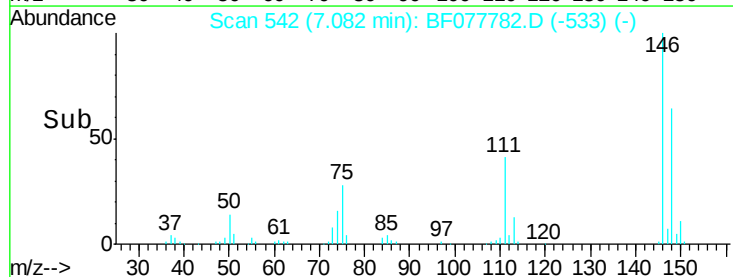
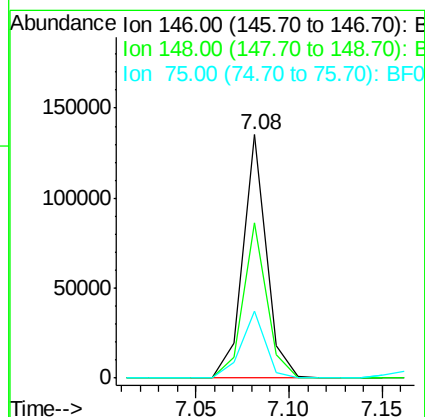
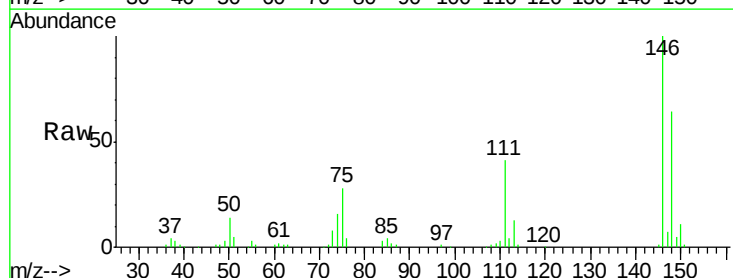
Instrument :
BNA_F
ClientSampleId :
PB82152BSD

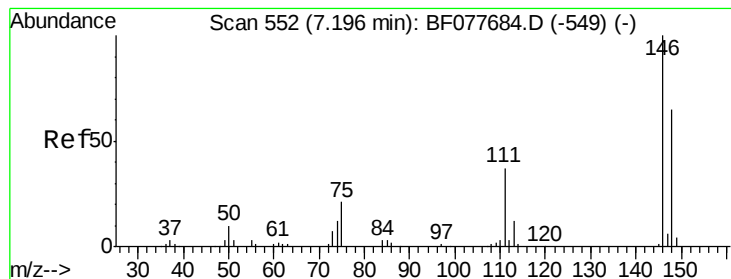
Tot Ion: 93 Resp: 106894
Ion Ratio Lower Upper
93 100
63 71.8 49.5 89.5
95 32.6 13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 37.71 ng
RT: 7.08 min Scan# 542
Delta R.T. -0.00 min
Lab File: BF077782.D
Acq: 17 Mar 2015 20:14

Tgt Ion: 146 Resp: 118873
Ion Ratio Lower Upper
146 100
148 64.0 50.9 76.3
75 27.8 21.4 32.2





#13

1,4-Dichlorobenzene

Concen: 36.49 ng

RT: 7.18 min Scan# 551

Delta R.T. -0.00 min

Lab File: BF077782.D

Acq: 17 Mar 2015 20:14

Instrument :

BNA_F

ClientSampleId :

PB82152BSD

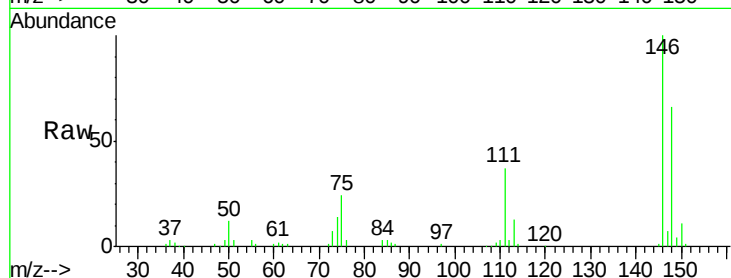
Tot Ion:146 Resp: 119516

Ion Ratio Lower Upper

146 100

148 65.5 51.9 77.9

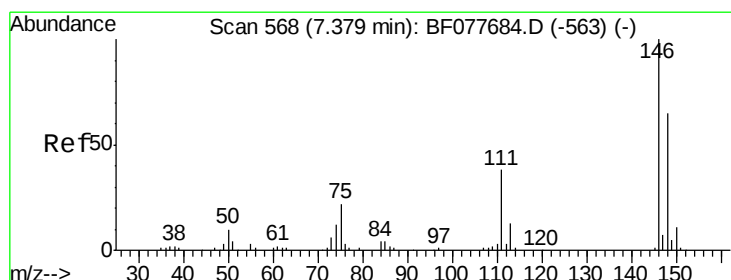
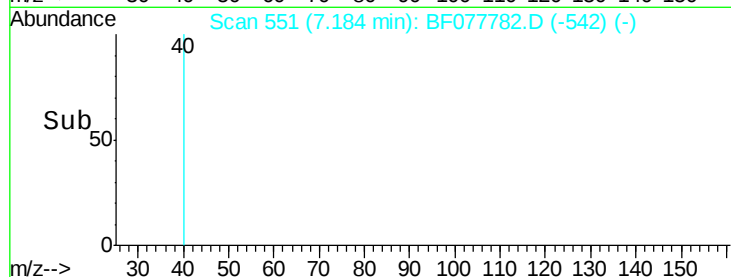
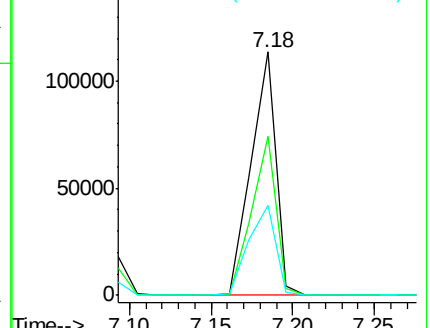
111 36.9 29.2 43.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.10 ng

RT: 7.37 min Scan# 567

Delta R.T. -0.00 min

Lab File: BF077782.D

Acq: 17 Mar 2015 20:14

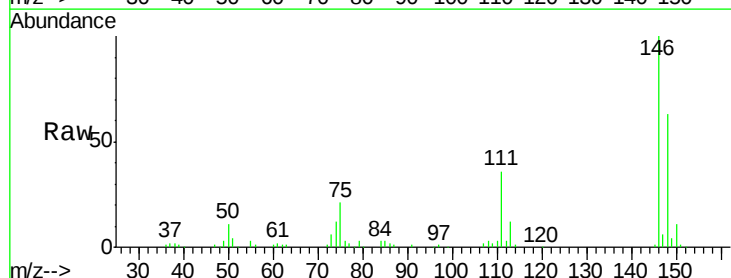
Tgt Ion:146 Resp: 114420

Ion Ratio Lower Upper

146 100

148 63.2 52.3 78.5

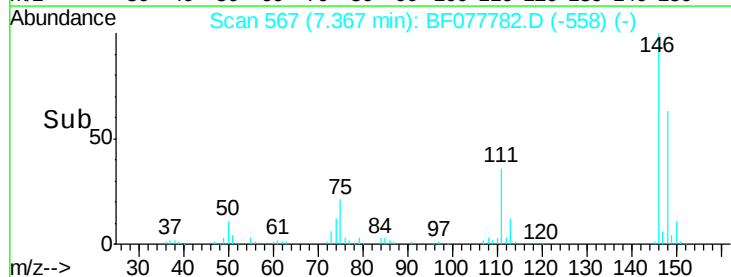
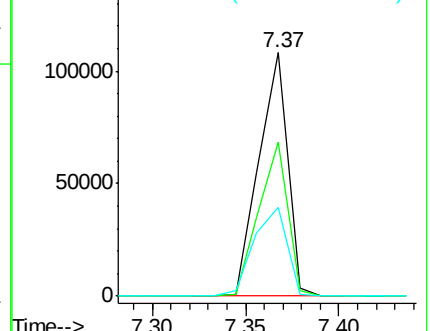
111 36.3 30.6 45.8

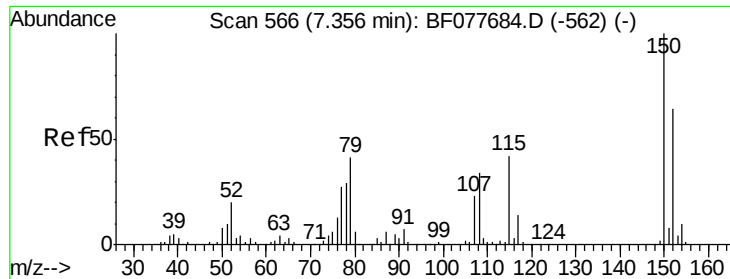


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

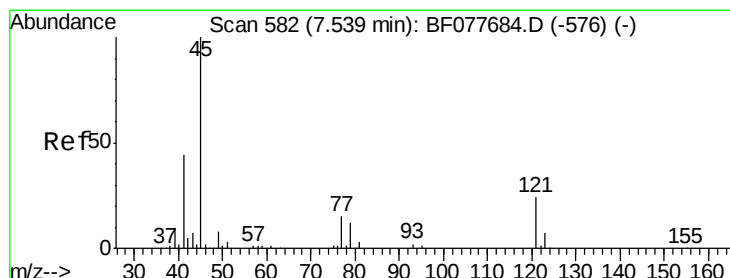
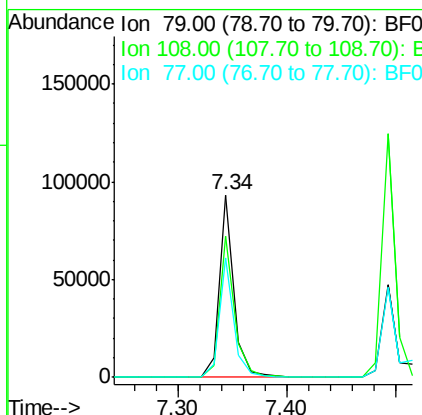
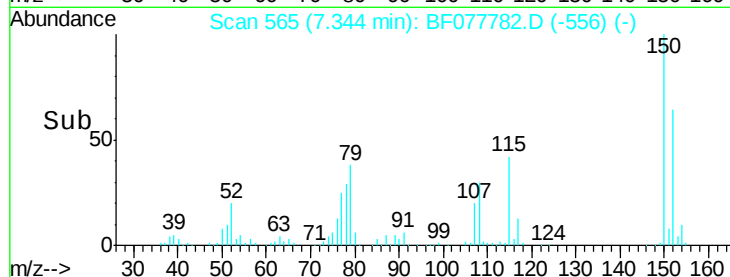
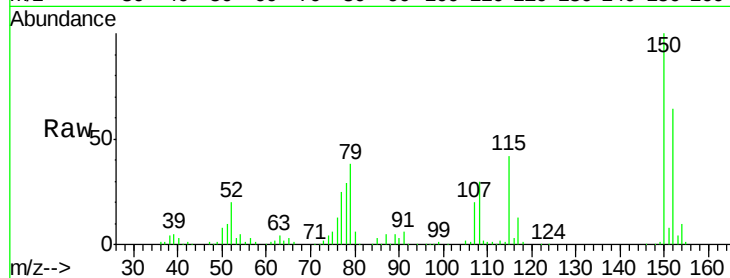




#15
Benzyl Alcohol
Concen: 38.49 ng
RT: 7.34 min Scan# 565
Delta R.T. -0.00 min
Lab File: BF077782.D
Acq: 17 Mar 2015 20:14

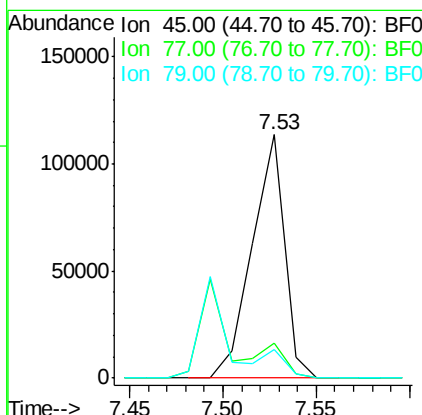
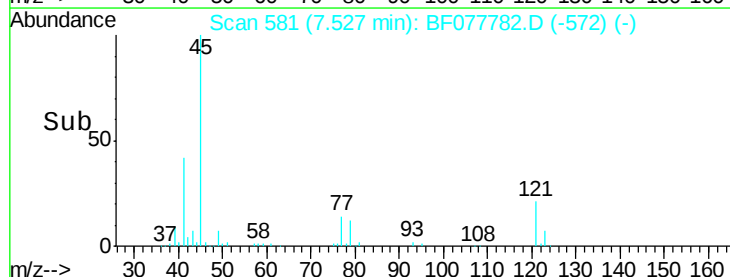
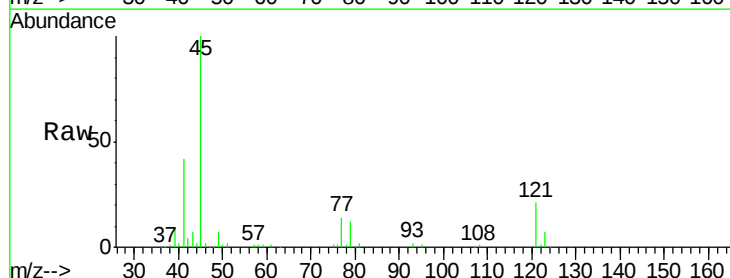
Instrument :
BNA_F
ClientSampleId :
PB82152BSD

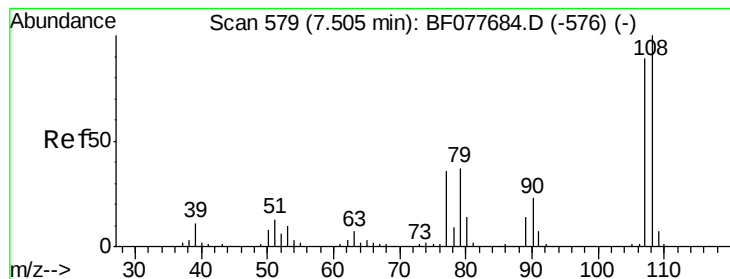
Tot Ion: 79 Resp: 88392
Ion Ratio Lower Upper
79 100
108 77.3 65.0 97.4
77 65.6 53.0 79.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 39.01 ng
RT: 7.53 min Scan# 581
Delta R.T. -0.00 min
Lab File: BF077782.D
Acq: 17 Mar 2015 20:14

Tgt Ion: 45 Resp: 136952
Ion Ratio Lower Upper
45 100
77 14.4 0.0 35.2
79 11.8 0.0 32.0





#17

2-Methylphenol

Concen: 39.67 ng

RT: 7.49 min Scan# 578

Delta R.T. -0.00 min

Lab File: BF077782.D

Acq: 17 Mar 2015 20:14

Instrument :

BNA_F

ClientSampleId :

PB82152BSD

Tot Ion:107 Resp: 91546

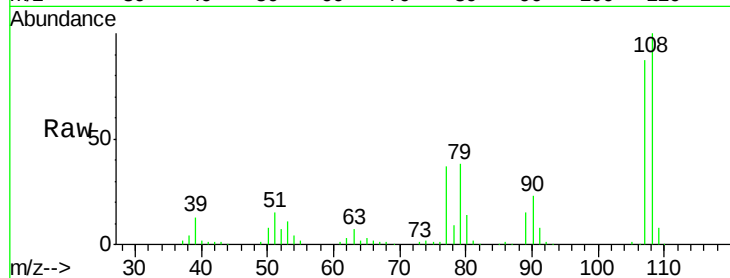
Ion Ratio Lower Upper

107 100

108 114.8 89.8 134.8

77 42.7 32.6 48.8

79 43.7 32.8 49.2

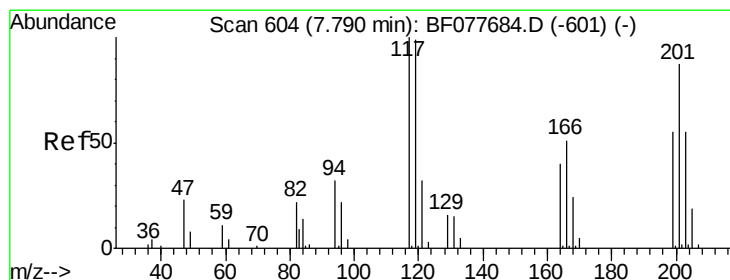
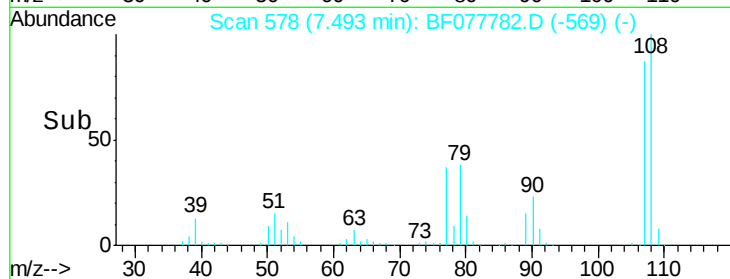
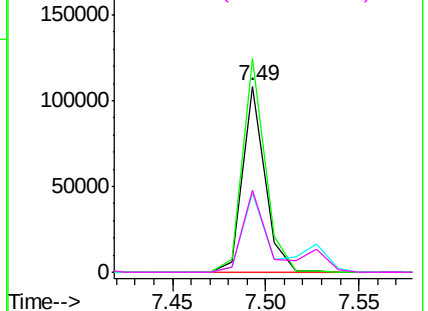


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 37.90 ng

RT: 7.78 min Scan# 603

Delta R.T. -0.00 min

Lab File: BF077782.D

Acq: 17 Mar 2015 20:14

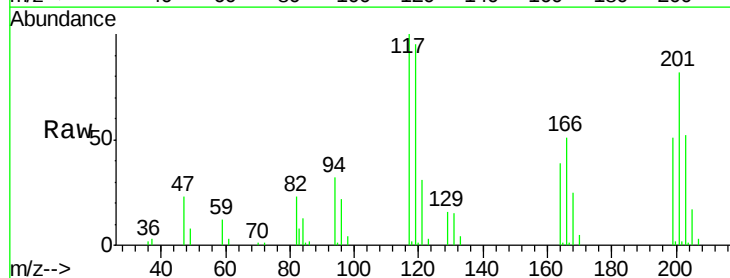
Tgt Ion:117 Resp: 40711

Ion Ratio Lower Upper

117 100

119 95.1 79.2 118.8

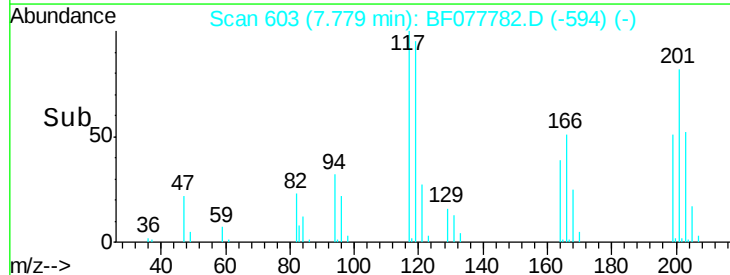
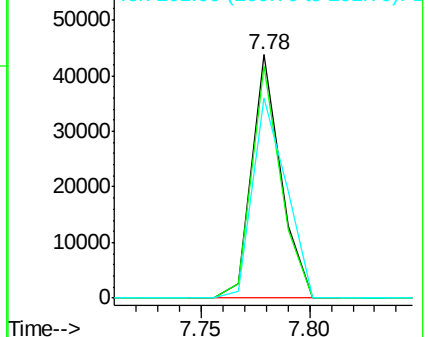
201 82.2 69.8 104.6

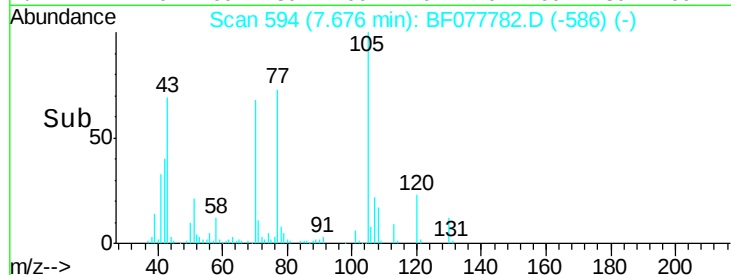
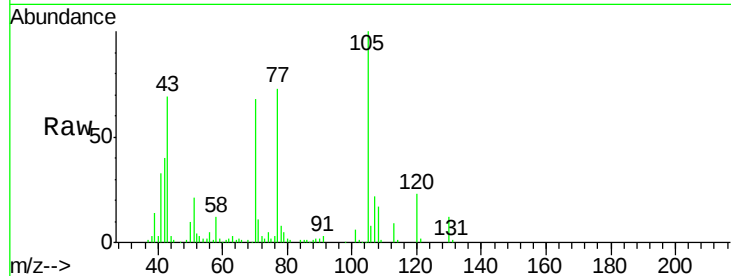
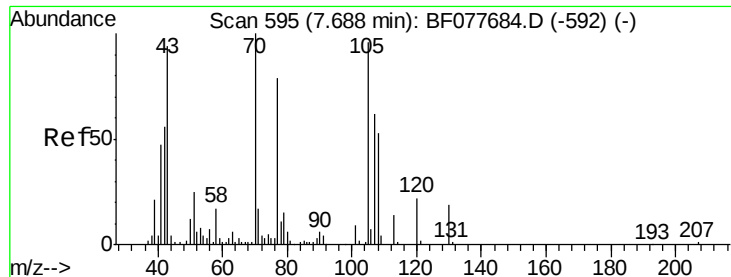


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

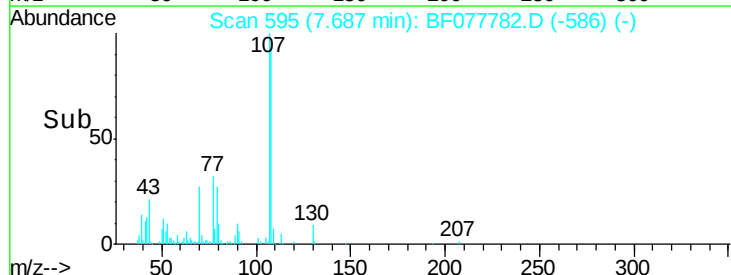
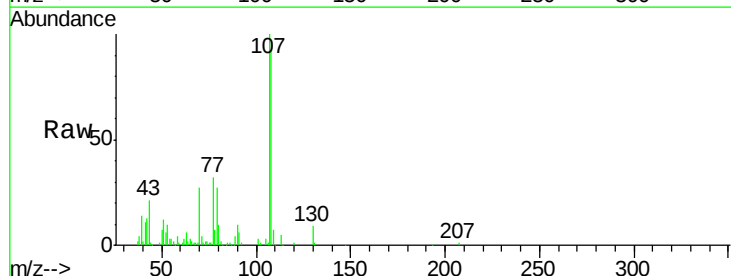
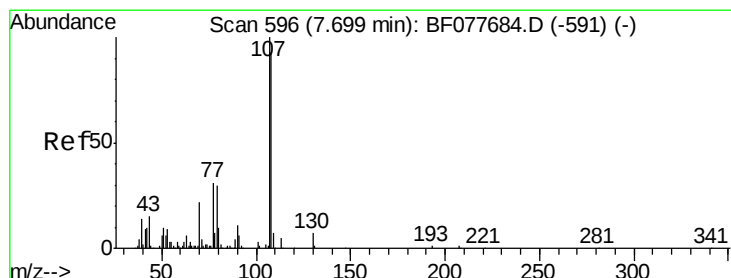
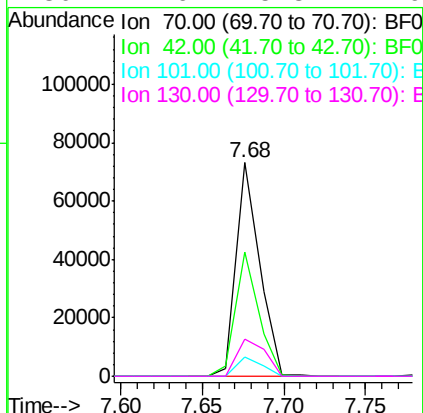




#19
n-Nitroso-di-n-propylamine
Concen: 35.60 ng
RT: 7.68 min Scan# 594
Delta R.T. -0.01 min
Lab File: BF077782.D
Acq: 17 Mar 2015 20:14

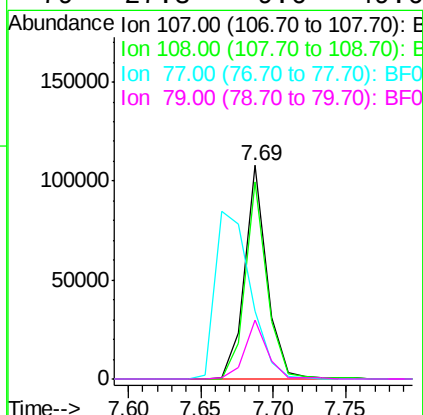
Instrument :
BNA_F
ClientSampleId :
PB82152BSD

Tot Ion:	70	Resp:	72454
Ion	Ratio	Lower	Upper
70	100		
42	58.3	44.5	66.7
101	9.2	7.4	11.2
130	17.6	15.3	22.9



#20
3+4-Methylphenols
Concen: 38.14 ng
RT: 7.69 min Scan# 595
Delta R.T. -0.00 min
Lab File: BF077782.D
Acq: 17 Mar 2015 20:14

Tgt Ion:	107	Resp:	115475
Ion	Ratio	Lower	Upper
107	100		
108	92.4	73.2	113.2
77	32.1	10.7	50.7
79	27.3	9.6	49.6

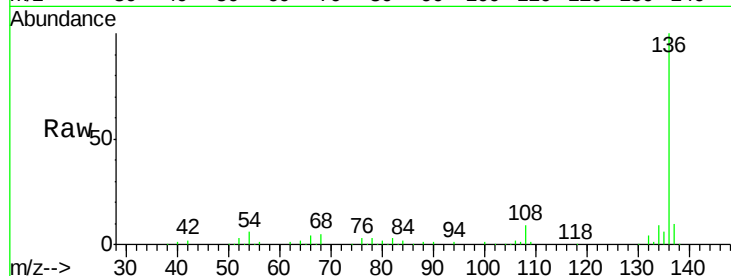




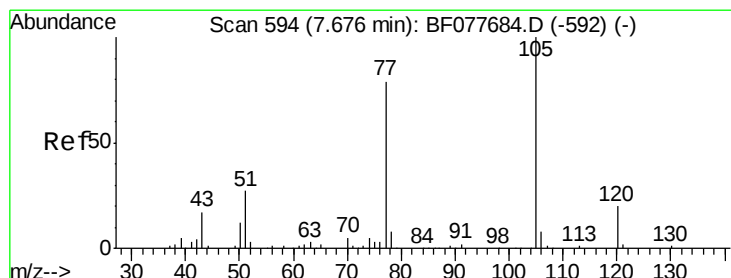
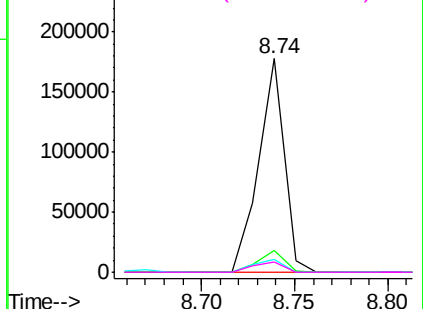
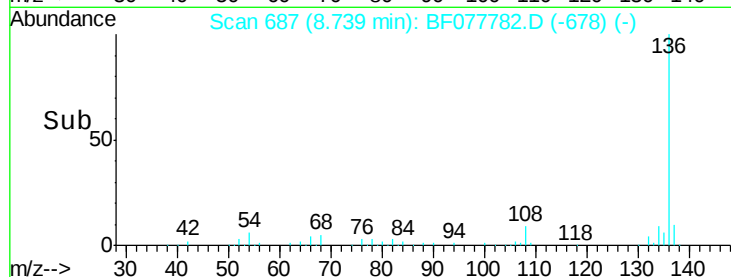
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.74 min Scan# 687
Delta R.T. -0.00 min
Lab File: BF077782.D
Acq: 17 Mar 2015 20:14

Instrument :
BNA_F
ClientSampleId :
PB82152BSD

Tot Ion:136	Resp:	167810
Ion	Ratio	Lower Upper
136	100	
137	10.3	8.7 13.1
54	5.8	4.6 6.8
68	4.6	3.7 5.5

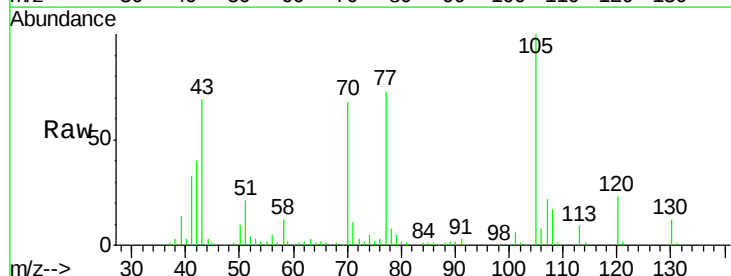


Abundance Ion 136.00 (135.70 to 136.70): E

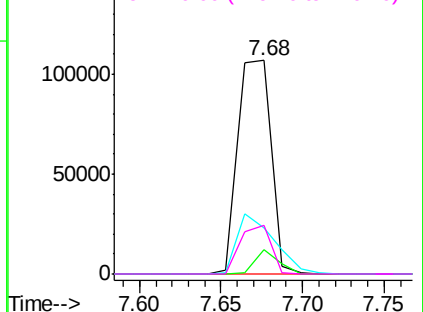
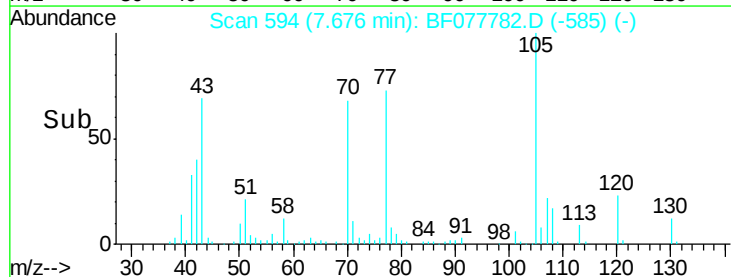


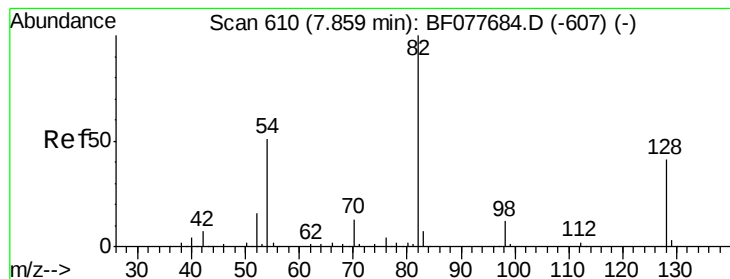
#22
Acetophenone
Concen: 40.55 ng
RT: 7.68 min Scan# 594
Delta R.T. -0.00 min
Lab File: BF077782.D
Acq: 17 Mar 2015 20:14

Tgt Ion:105	Resp:	150628
Ion	Ratio	Lower Upper
105	100	
71	11.3	0.6 1.0#
51	21.5	21.6 32.4#
120	22.7	16.1 24.1



Abundance Ion 105.00 (104.70 to 105.70): E





#23

Nitrobenzene-d5

Concen: 84.12 ng

RT: 7.86 min Scan# 610

Delta R.T. -0.00 min

Lab File: BF077782.D

Acq: 17 Mar 2015 20:14

Instrument :

BNA_F

ClientSampleId :

PB82152BSD

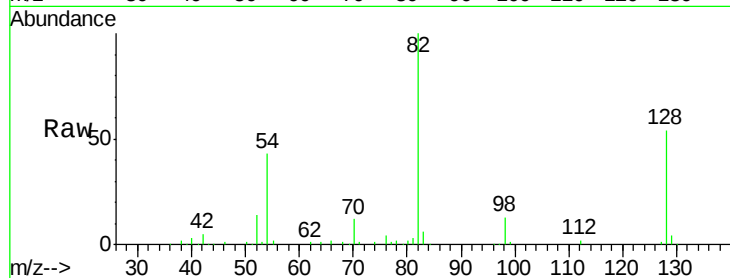
Tot Ion: 82 Resp: 215336

Ion Ratio Lower Upper

82 100

128 54.2 32.8 49.2#

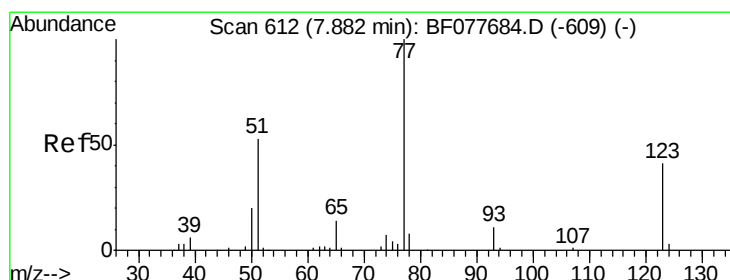
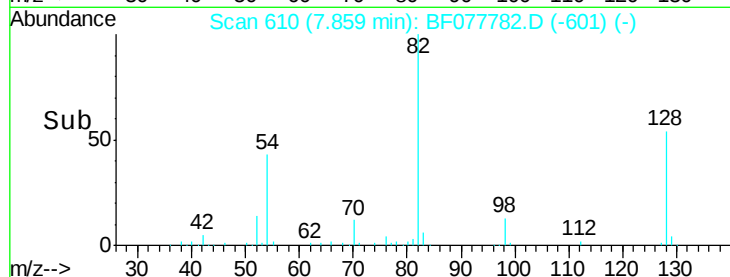
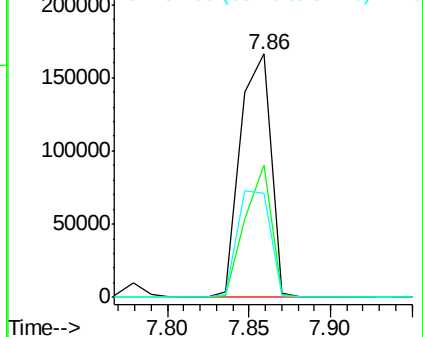
54 42.5 40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 39.20 ng

RT: 7.88 min Scan# 612

Delta R.T. -0.00 min

Lab File: BF077782.D

Acq: 17 Mar 2015 20:14

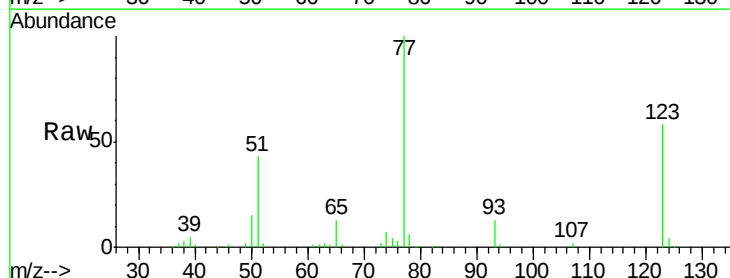
Tgt Ion: 77 Resp: 108118

Ion Ratio Lower Upper

77 100

123 57.9 32.6 49.0#

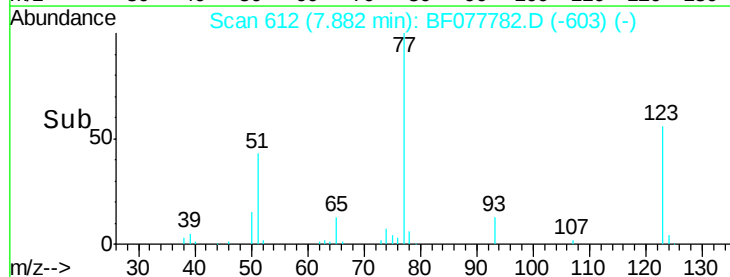
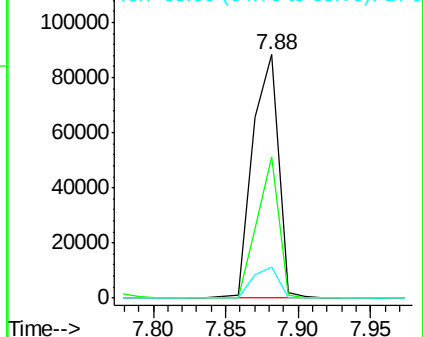
65 12.6 10.9 16.3



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 39.15 ng

RT: 8.18 min Scan# 638

Delta R.T. -0.00 min

Lab File: BF077782.D

Acq: 17 Mar 2015 20:14

Instrument :

BNA_F

ClientSampleId :

PB82152BSD

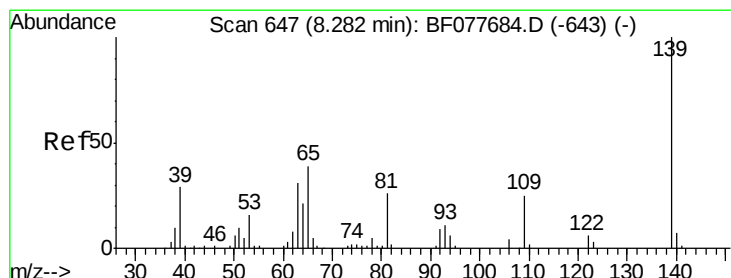
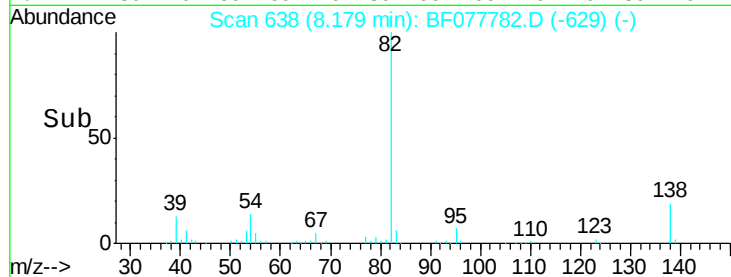
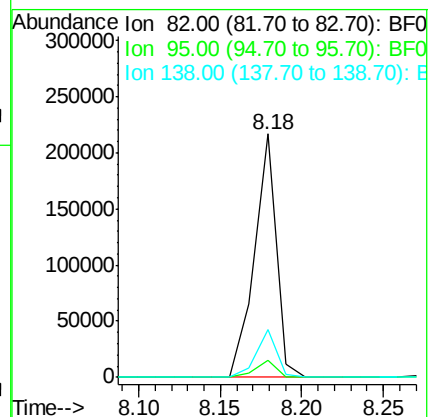
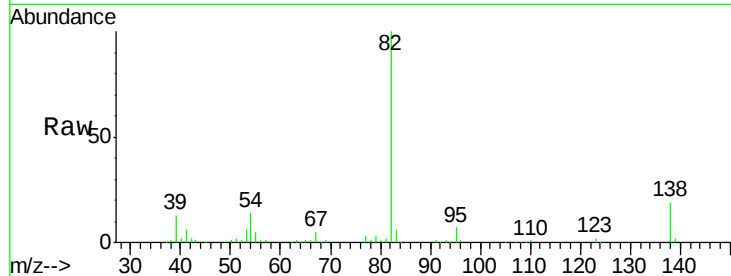
Tot Ion: 82 Resp: 202383

Ion Ratio Lower Upper

82 100

95 6.9 5.8 8.6

138 19.5 16.3 24.5



#26

2-Nitrophenol

Concen: 41.24 ng

RT: 8.27 min Scan# 646

Delta R.T. -0.00 min

Lab File: BF077782.D

Acq: 17 Mar 2015 20:14

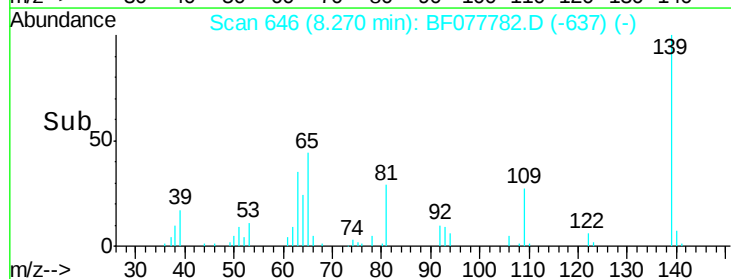
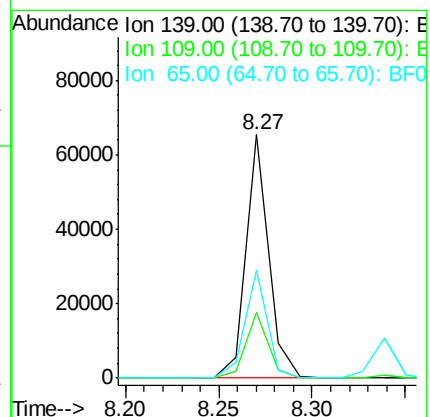
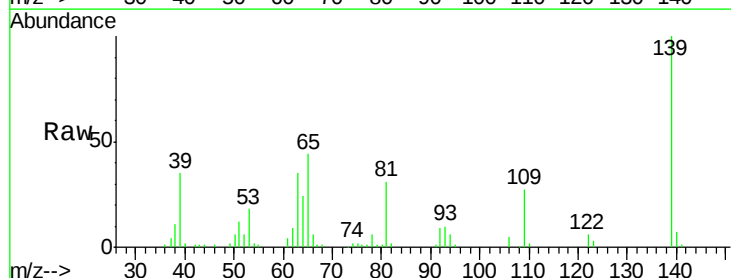
Tgt Ion: 139 Resp: 55689

Ion Ratio Lower Upper

139 100

109 27.1 20.1 30.1

65 44.4 31.5 47.3

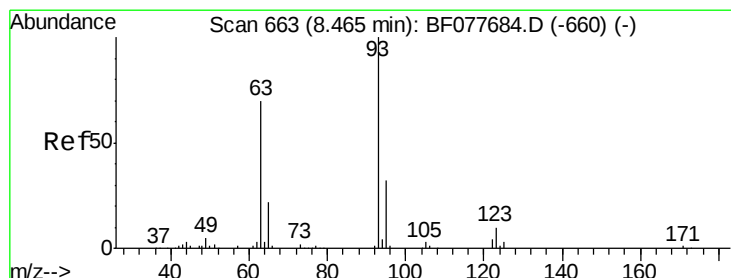
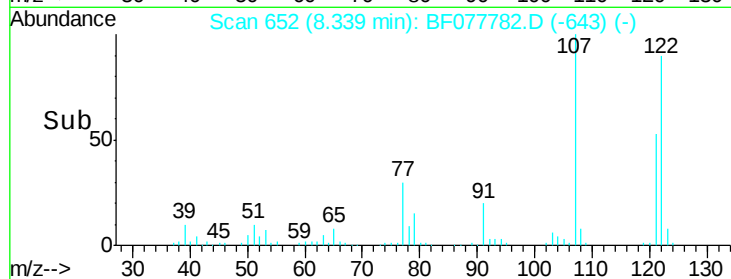
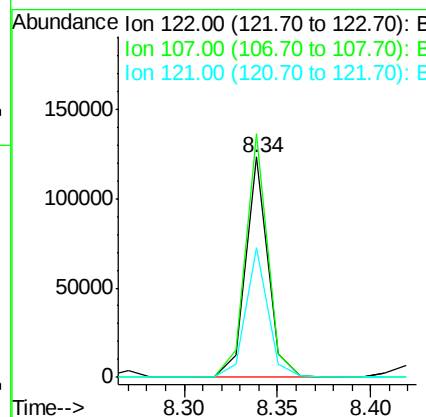
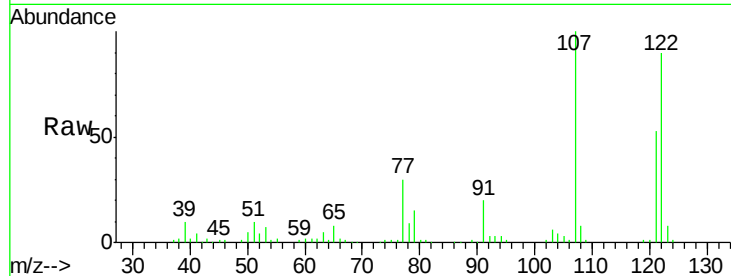




#27
 2,4-Dimethylphenol
 Concen: 42.00 ng
 RT: 8.34 min Scan# 652
 Delta R.T. -0.00 min
 Lab File: BF077782.D
 Acq: 17 Mar 2015 20:14

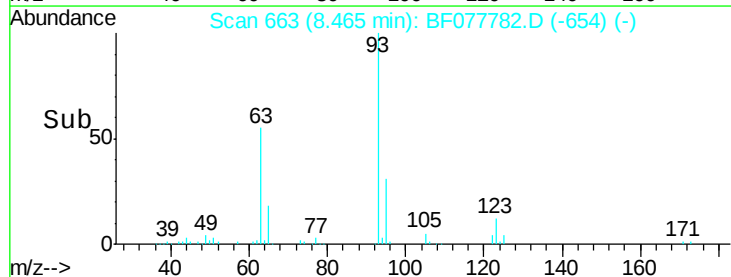
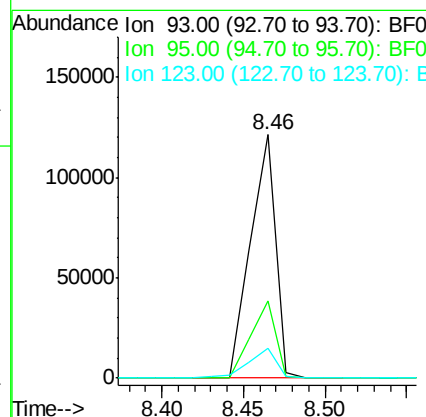
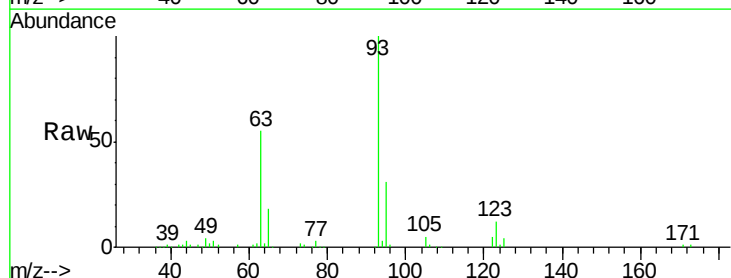
Instrument :
 BNA_F
 ClientSampleId :
 PB82152BSD

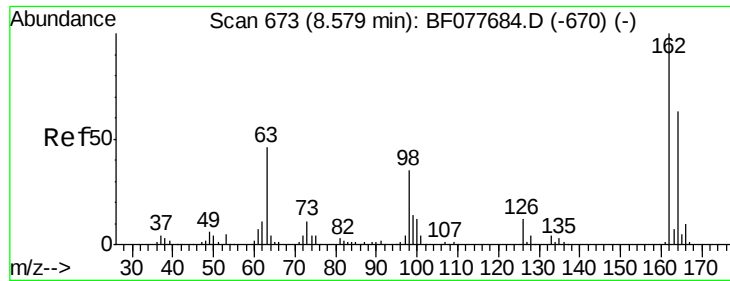
Tot Ion:122 Resp: 103307
 Ion Ratio Lower Upper
 122 100
 107 110.6 84.7 127.1
 121 58.8 46.6 69.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.15 ng
 RT: 8.46 min Scan# 663
 Delta R.T. -0.00 min
 Lab File: BF077782.D
 Acq: 17 Mar 2015 20:14

Tgt Ion: 93 Resp: 129128
 Ion Ratio Lower Upper
 93 100
 95 31.5 25.5 38.3
 123 12.1 8.6 13.0

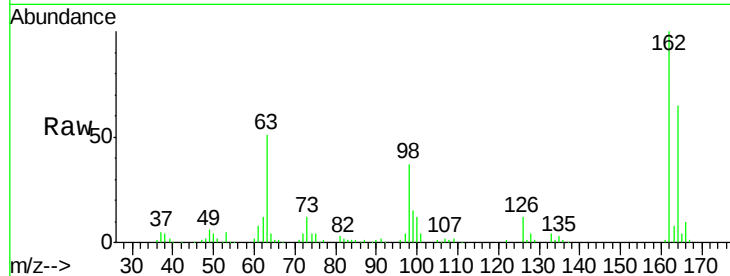




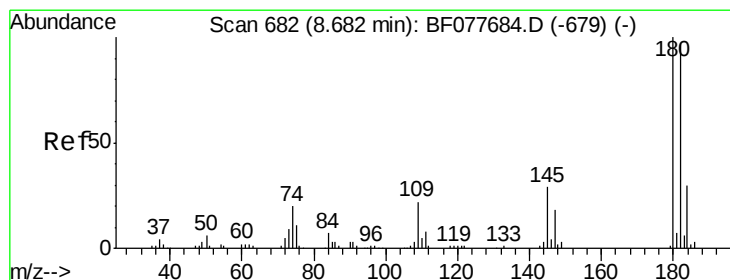
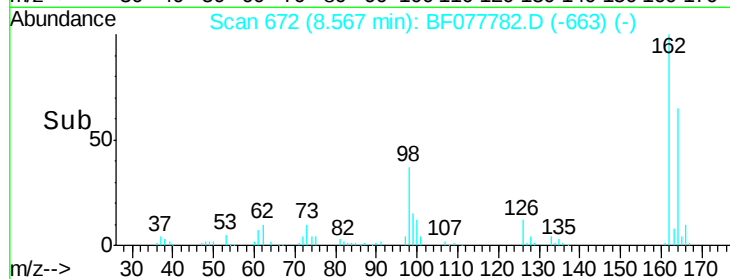
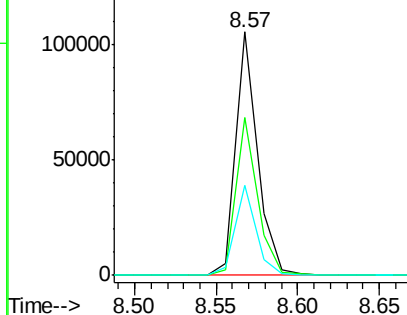
#29
 2,4-Dichlorophenol
 Concen: 41.31 ng
 RT: 8.57 min Scan# 672
 Delta R.T. -0.00 min
 Lab File: BF077782.D
 Acq: 17 Mar 2015 20:14

Instrument :
 BNA_F
 ClientSampleId :
 PB82152BSD

Tot Ion:162 Resp: 96864
 Ion Ratio Lower Upper
 162 100
 164 64.7 42.8 82.8
 98 37.1 14.5 54.5

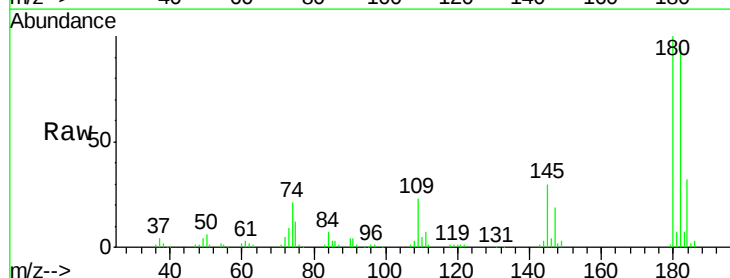


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

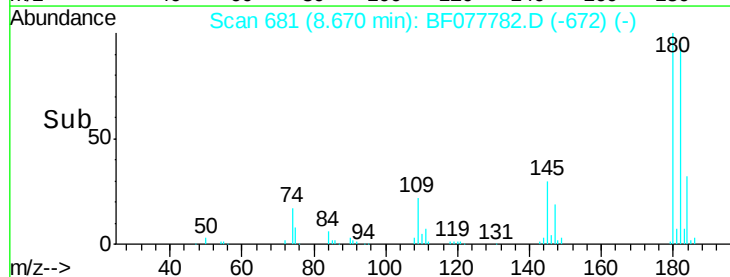
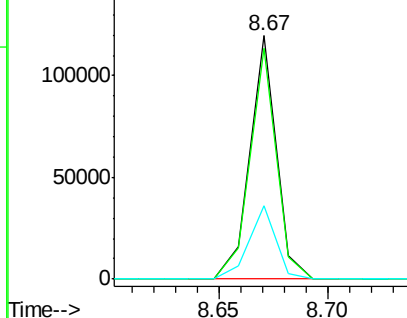


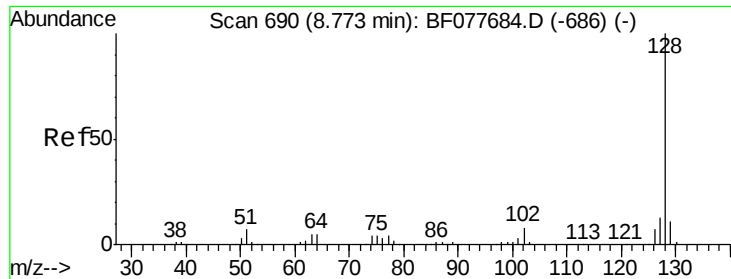
#30
 1,2,4-Trichlorobenzene
 Concen: 38.40 ng
 RT: 8.67 min Scan# 681
 Delta R.T. -0.00 min
 Lab File: BF077782.D
 Acq: 17 Mar 2015 20:14

Tgt Ion:180 Resp: 100730
 Ion Ratio Lower Upper
 180 100
 182 95.0 77.6 116.4
 145 29.9 23.4 35.2



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

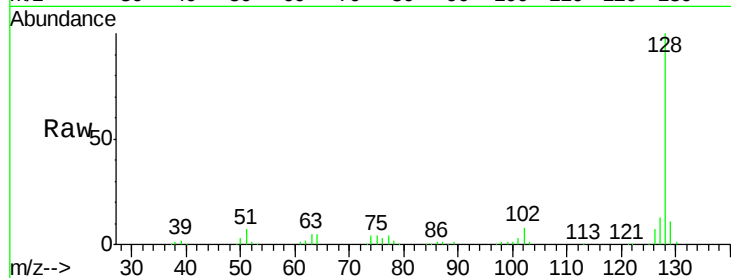




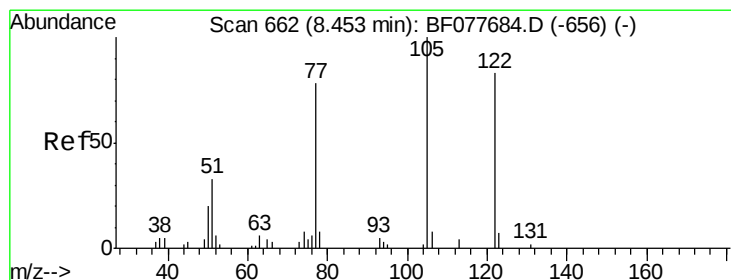
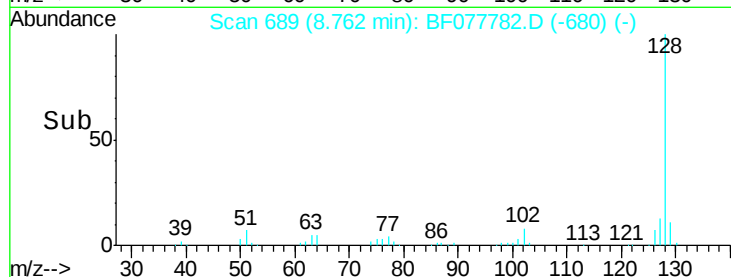
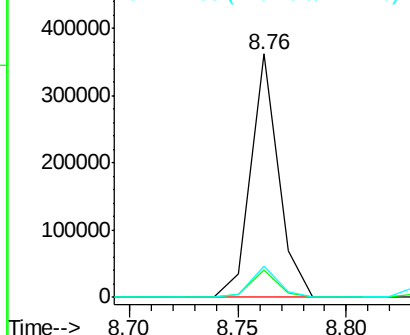
#31
Naphthalene
Concen: 37.23 ng
RT: 8.76 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF077782.D
Acq: 17 Mar 2015 20:14

Instrument :
BNA_F
ClientSampleId :
PB82152BSD

Tot Ion:128 Resp: 320849
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 12.8 10.4 15.6

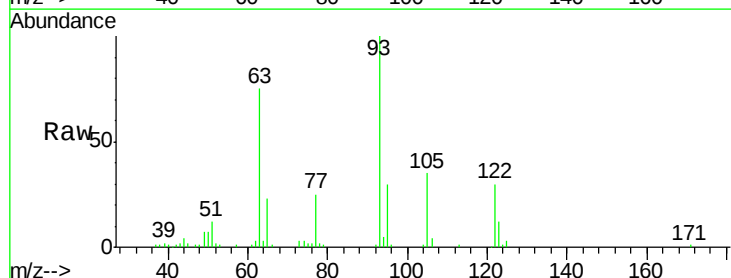


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

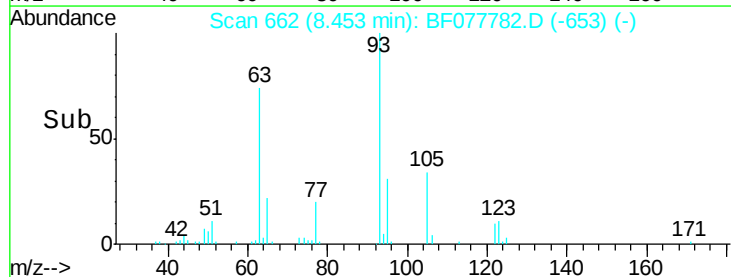
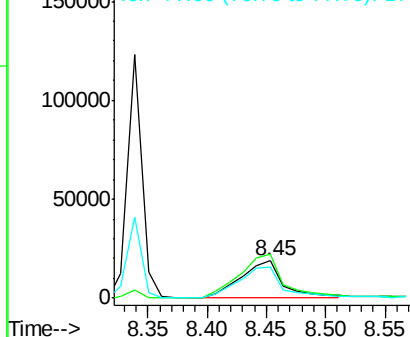


#32
Benzoic acid
Concen: 34.26 ng
RT: 8.45 min Scan# 662
Delta R.T. -0.00 min
Lab File: BF077782.D
Acq: 17 Mar 2015 20:14

Tgt Ion:122 Resp: 45711
Ion Ratio Lower Upper
122 100
105 116.8 99.9 139.9
77 82.9 73.7 113.7



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

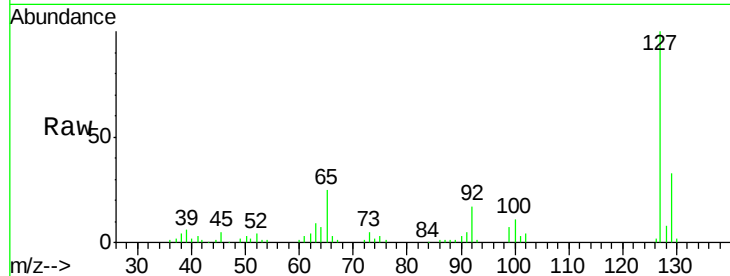




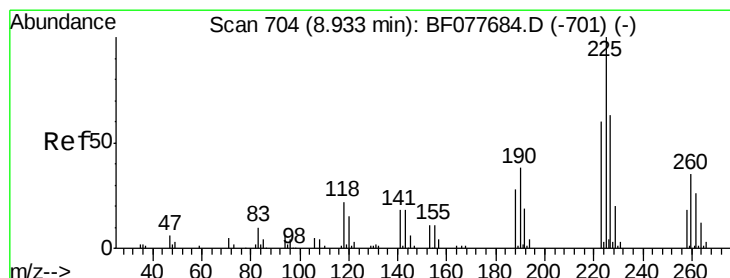
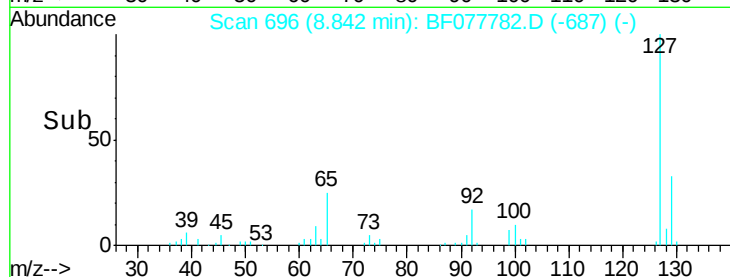
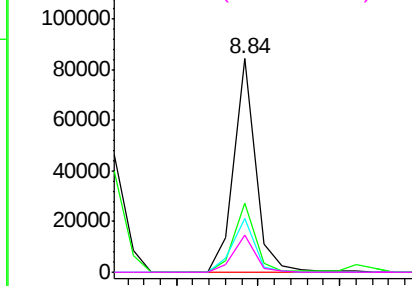
#33
4-Chloroaniline
Concen: 22.30 ng
RT: 8.84 min Scan# 696
Delta R.T. -0.00 min
Lab File: BF077782.D
Acq: 17 Mar 2015 20:14

Instrument :
BNA_F
ClientSampleId :
PB82152BSD

Tot Ion:	127	Resp:	78011
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.3	37.9
65	25.2	17.6	26.4
92	17.2	13.1	19.7

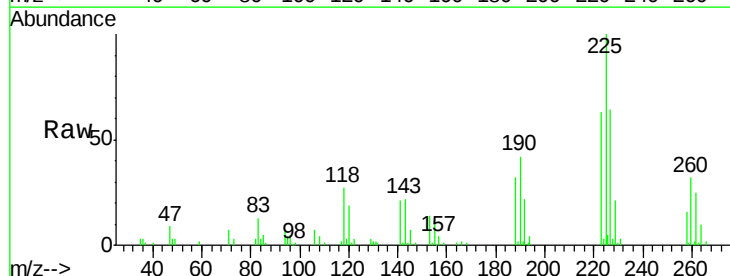


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

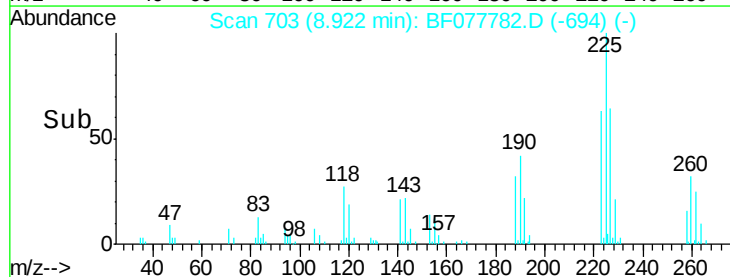
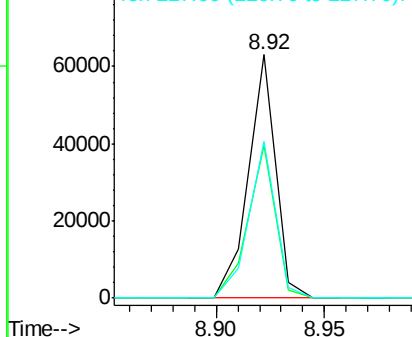


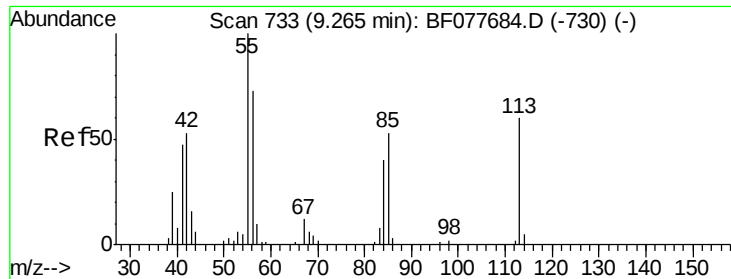
#34
Hexachlorobutadiene
Concen: 36.75 ng
RT: 8.92 min Scan# 703
Delta R.T. -0.00 min
Lab File: BF077782.D
Acq: 17 Mar 2015 20:14

Tgt Ion:	225	Resp:	54649
Ion	Ratio	Lower	Upper
225	100		
223	62.6	47.9	71.9
227	64.2	50.1	75.1



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

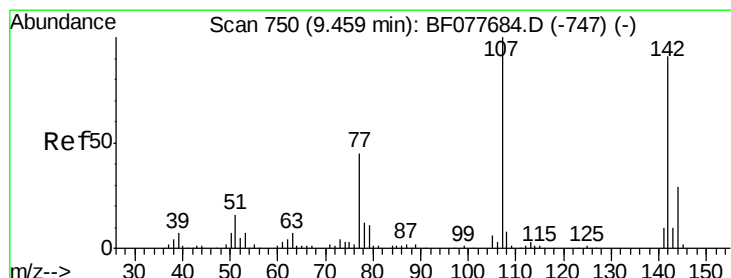
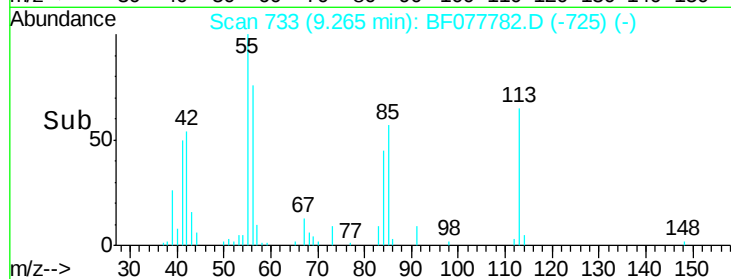
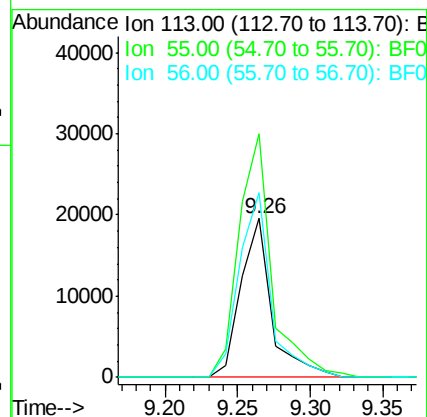
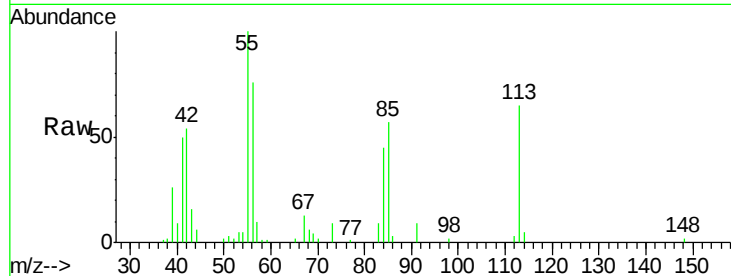




#35
 Caprolactam
 Concen: 41.89 ng
 RT: 9.26 min Scan# 733
 Delta R.T. -0.01 min
 Lab File: BF077782.D
 Acq: 17 Mar 2015 20:14

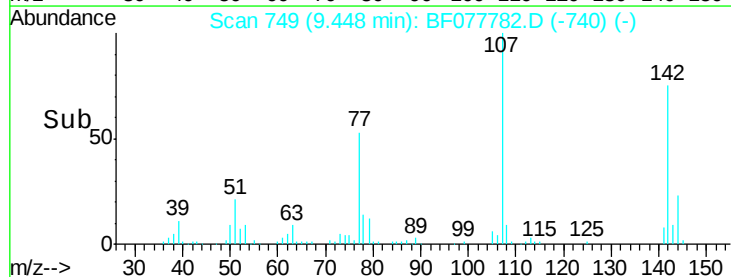
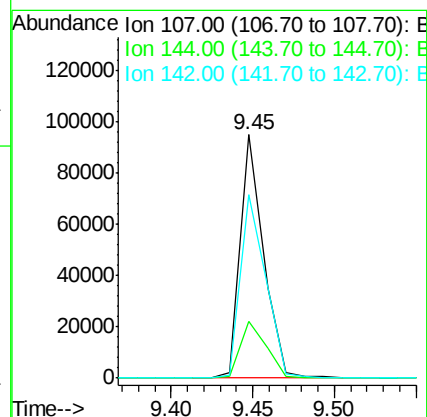
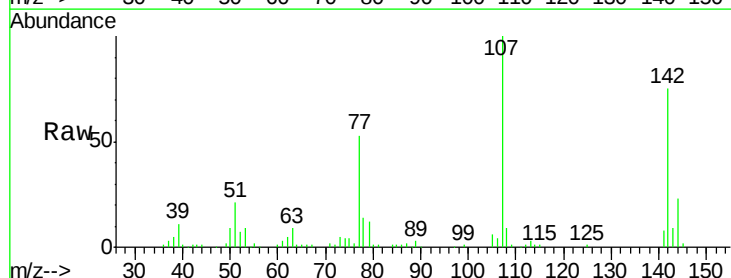
Instrument :
 BNA_F
 ClientSampleId :
 PB82152BSD

Tot Ion:113 Resp: 28708
 Ion Ratio Lower Upper
 113 100
 55 153.4 145.9 185.9
 56 116.5 101.0 141.0



#36
 4-Chloro-3-methylphenol
 Concen: 39.50 ng
 RT: 9.45 min Scan# 749
 Delta R.T. -0.00 min
 Lab File: BF077782.D
 Acq: 17 Mar 2015 20:14

Tgt Ion:107 Resp: 93177
 Ion Ratio Lower Upper
 107 100
 144 23.5 23.3 34.9
 142 75.3 72.6 109.0

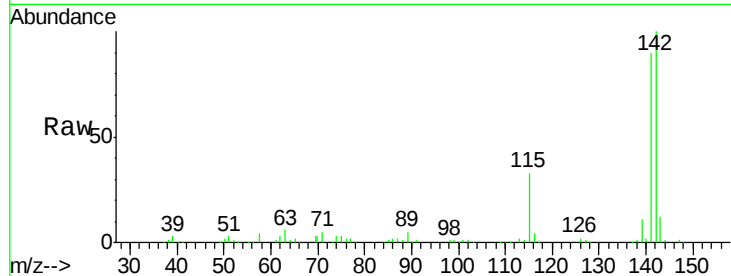




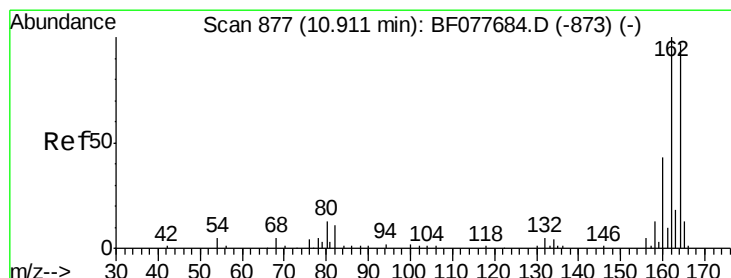
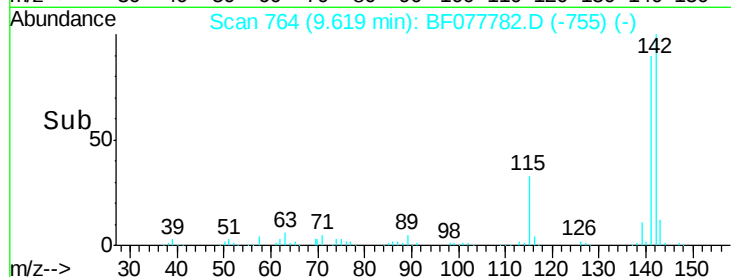
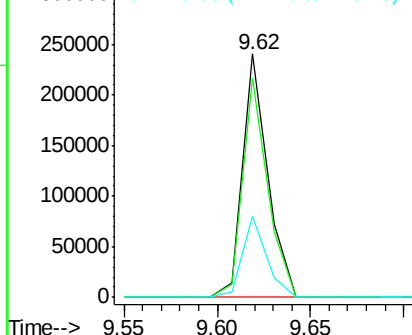
#37
2-Methylnaphthalene
Concen: 38.84 ng
RT: 9.62 min Scan# 764
Delta R.T. -0.00 min
Lab File: BF077782.D
Acq: 17 Mar 2015 20:14

Instrument :
BNA_F
ClientSampleId :
PB82152BSD

Tot Ion:142 Resp: 224911
Ion Ratio Lower Upper
142 100
141 89.9 71.9 107.9
115 33.4 25.4 38.0

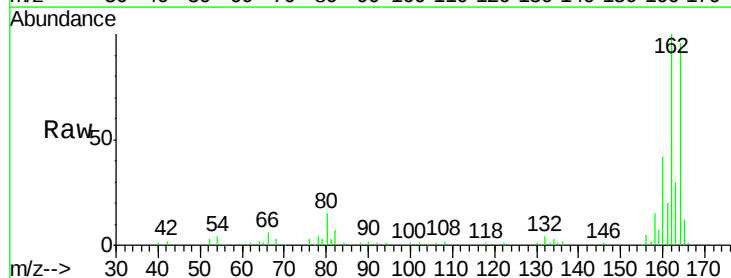


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

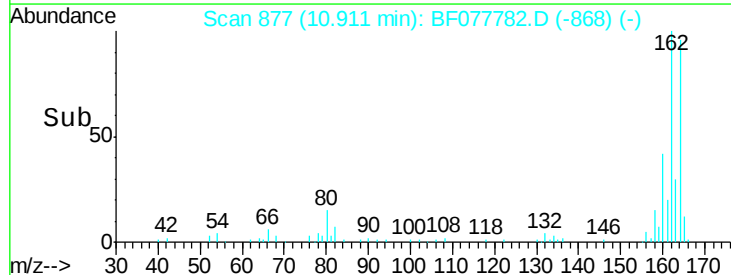
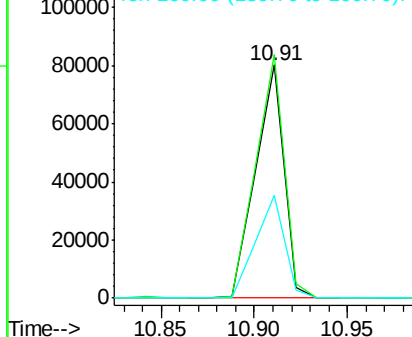


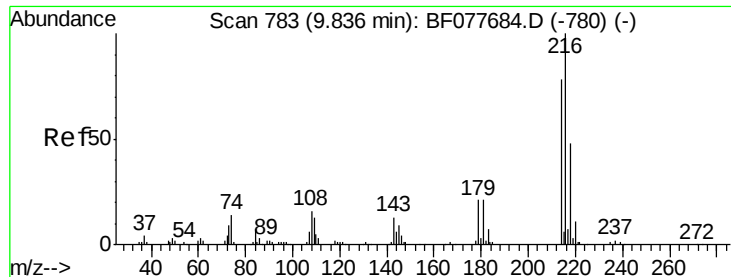
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.91 min Scan# 877
Delta R.T. -0.00 min
Lab File: BF077782.D
Acq: 17 Mar 2015 20:14

Tgt Ion:164 Resp: 83773
Ion Ratio Lower Upper
164 100
162 104.5 82.4 123.6
160 44.2 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.40 ng

RT: 9.82 min Scan# 782

Delta R.T. -0.00 min

Lab File: BF077782.D

Acq: 17 Mar 2015 20:14

Instrument :

BNA_F

ClientSampleId :

PB82152BSD

Tot Ion:216 Resp: 98434

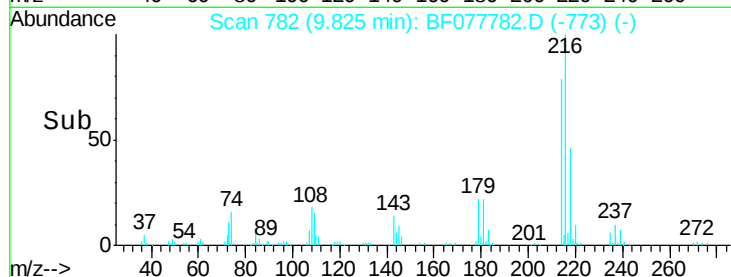
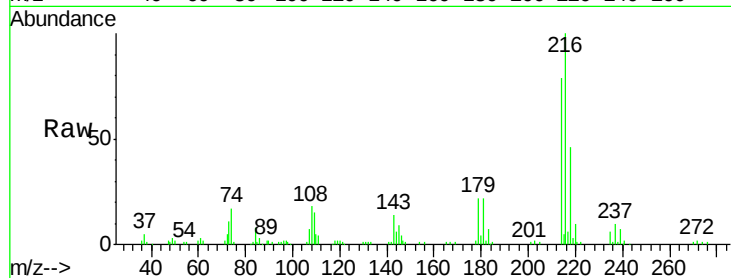
Ion Ratio Lower Upper

216 100

214 78.5 0.0 0.0#

179 20.8 0.0 0.0#

108 20.5 0.0 0.0#

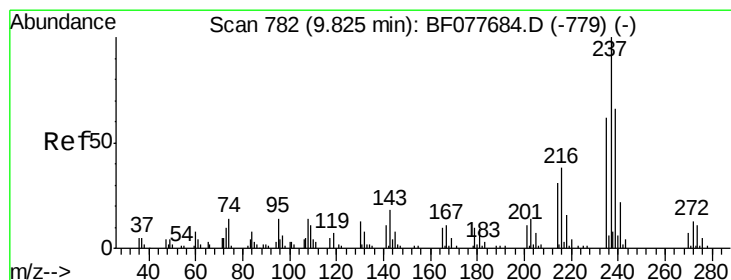
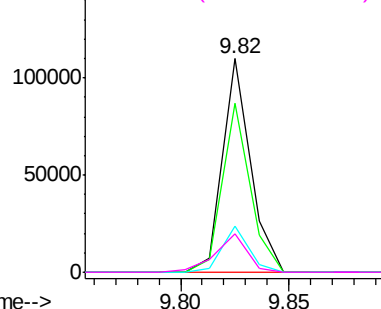


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 75.59 ng

RT: 9.81 min Scan# 781

Delta R.T. -0.00 min

Lab File: BF077782.D

Acq: 17 Mar 2015 20:14

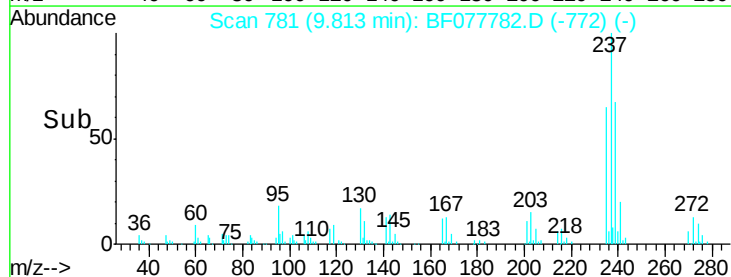
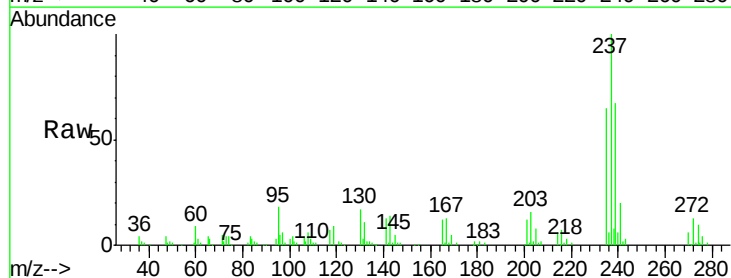
Tgt Ion:237 Resp: 94323

Ion Ratio Lower Upper

237 100

235 64.6 42.0 82.0

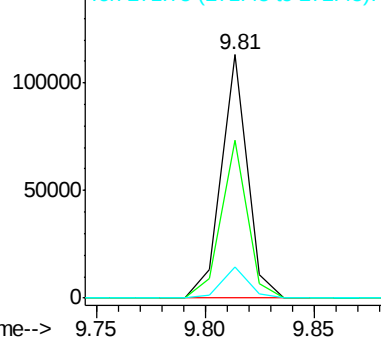
272 12.9 0.0 33.4



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

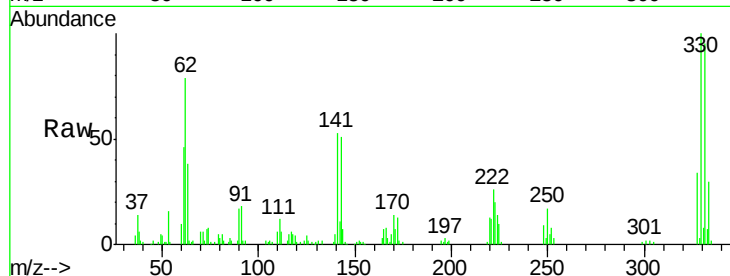




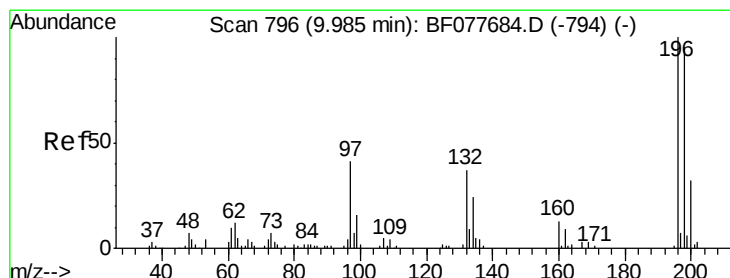
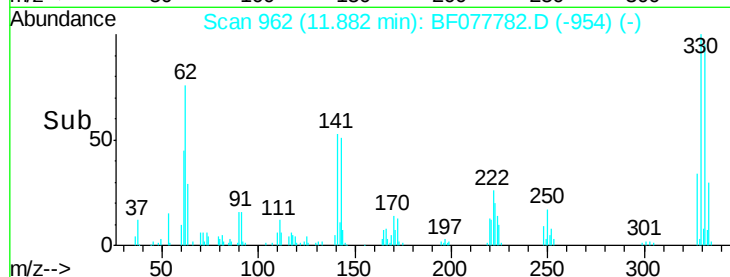
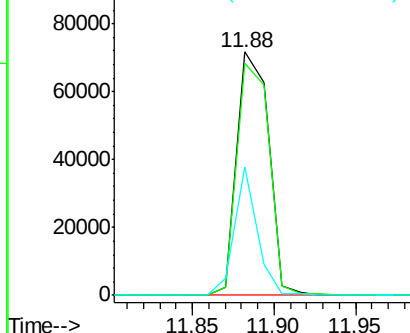
#41
 2,4,6-Tribromophenol
 Concen: 120.21 ng
 RT: 11.88 min Scan# 962
 Delta R.T. -0.01 min
 Lab File: BF077782.D
 Acq: 17 Mar 2015 20:14

Instrument :
 BNA_F
 ClientSampleId :
 PB82152BSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	0.0	0.0#
141	37.7	0.0	0.0#

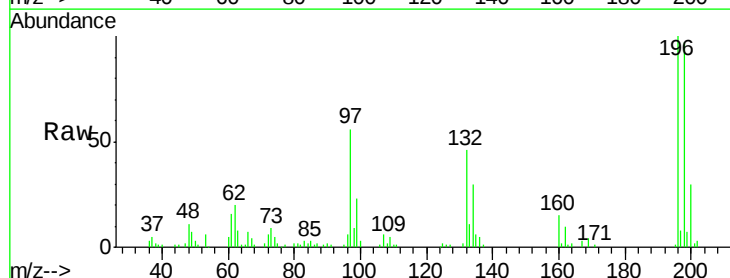


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

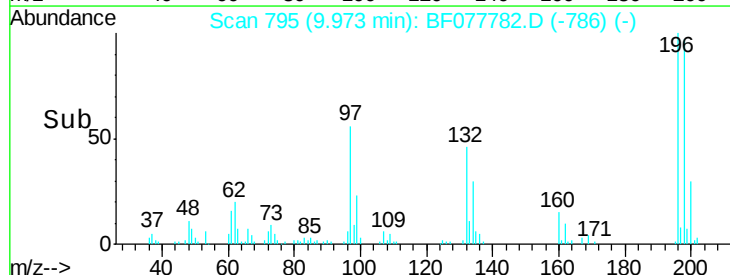
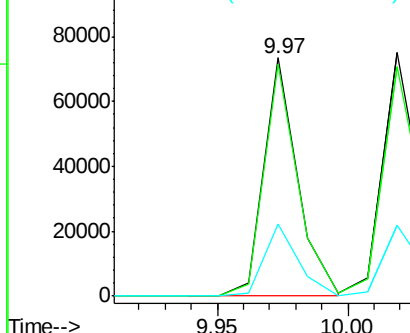


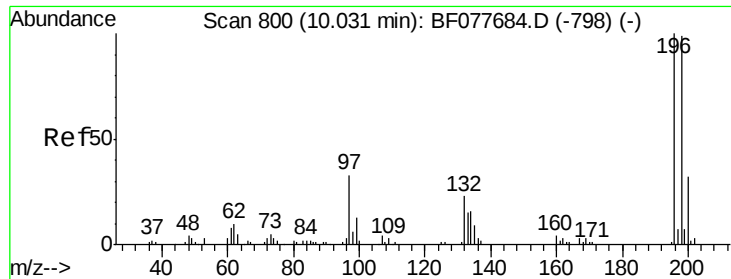
#42
 2,4,6-Trichlorophenol
 Concen: 38.22 ng
 RT: 9.97 min Scan# 795
 Delta R.T. -0.00 min
 Lab File: BF077782.D
 Acq: 17 Mar 2015 20:14

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.2	76.3	114.5
200	30.2	25.6	38.4



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

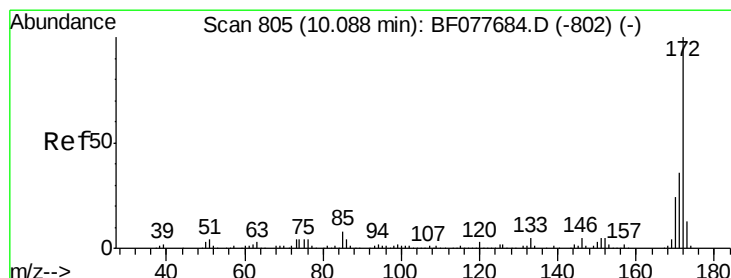
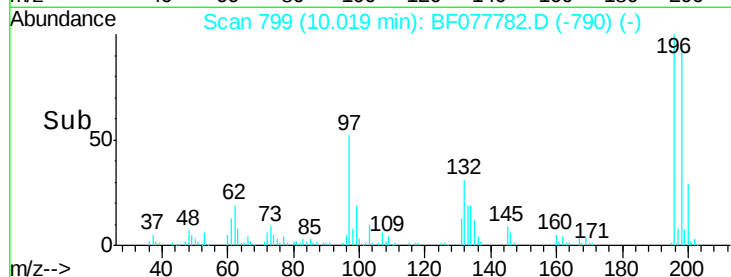
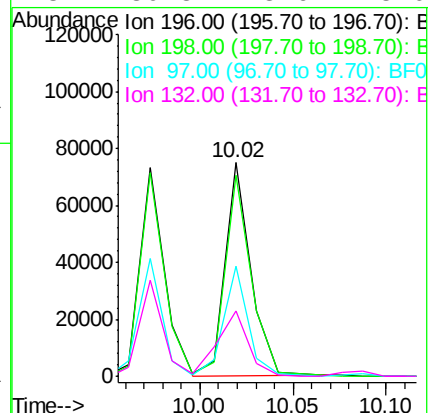
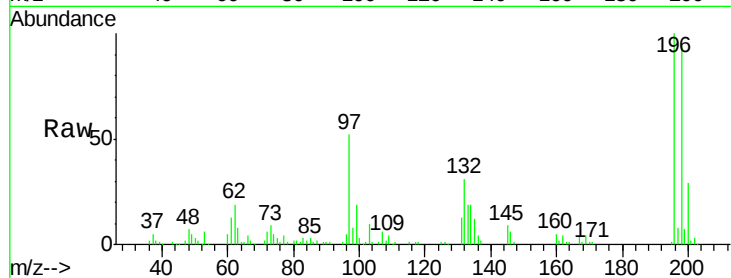




#43
 2,4,5-Trichlorophenol
 Concen: 38.51 ng
 RT: 10.02 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF077782.D
 Acq: 17 Mar 2015 20:14

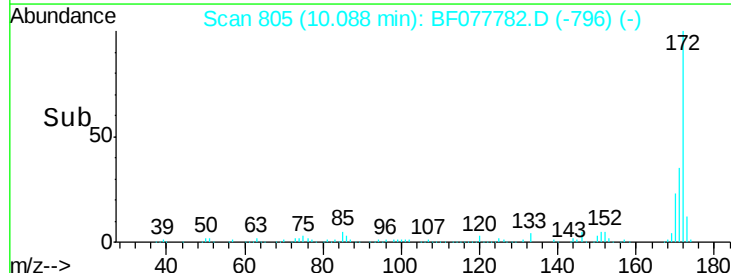
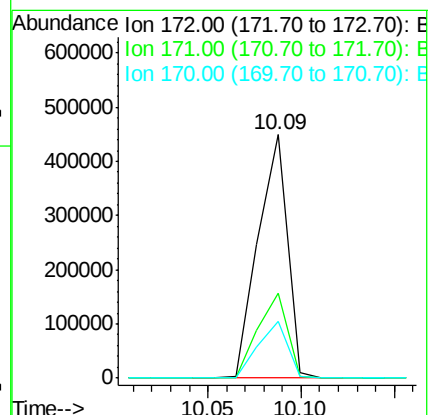
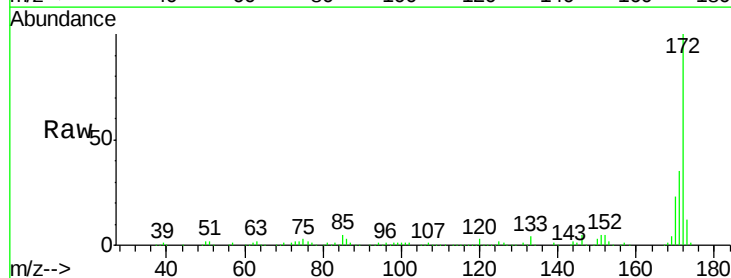
Instrument :
 BNA_F
 ClientSampleId :
 PB82152BSD

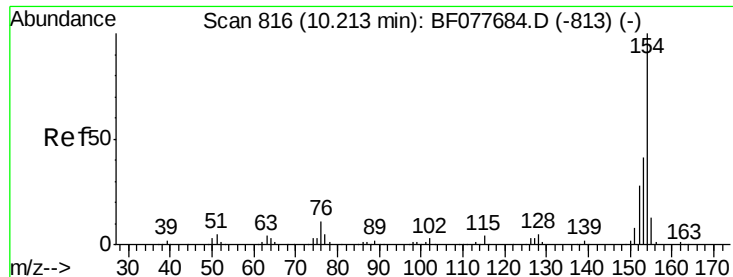
Tot Ion:196 Resp: 72001
 Ion Ratio Lower Upper
 196 100
 198 94.0 79.4 119.0
 97 51.6 26.8 40.2#
 132 30.8 18.6 28.0#



#44
 2-Fluorobiphenyl
 Concen: 85.25 ng
 RT: 10.09 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF077782.D
 Acq: 17 Mar 2015 20:14

Tgt Ion:172 Resp: 485962
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.5 42.7
 170 23.3 18.8 28.2

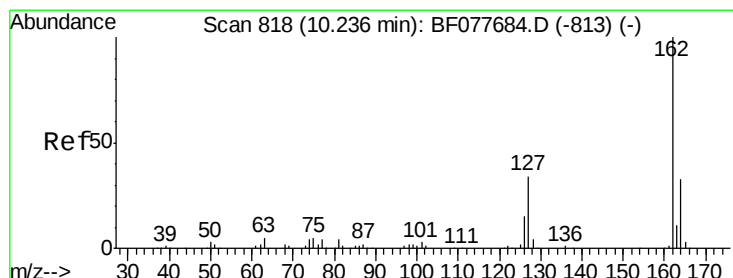
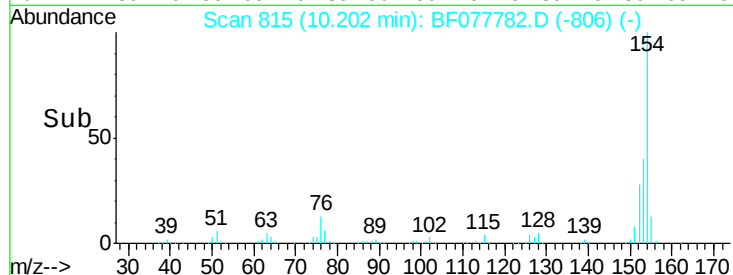
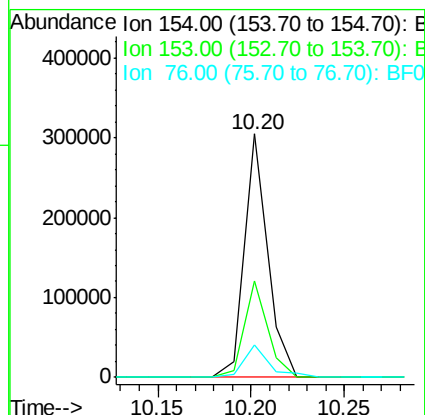
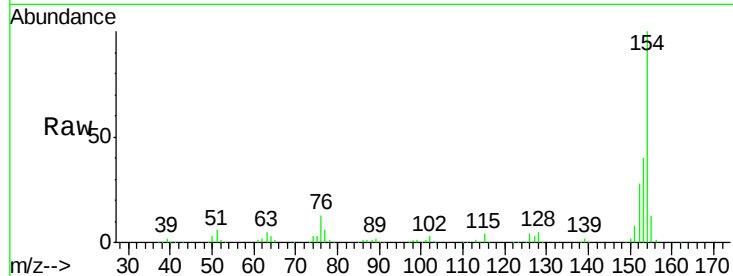




#45
1,1'-Biphenyl
Concen: 39.77 ng
RT: 10.20 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF077782.D
Acq: 17 Mar 2015 20:14

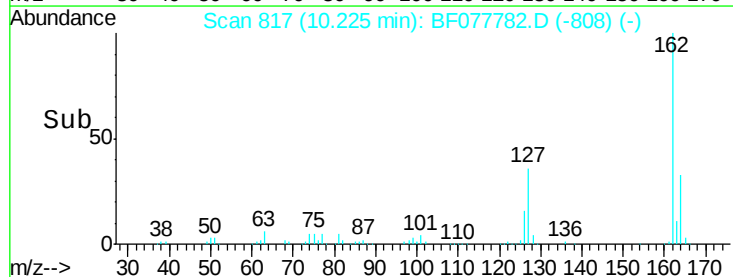
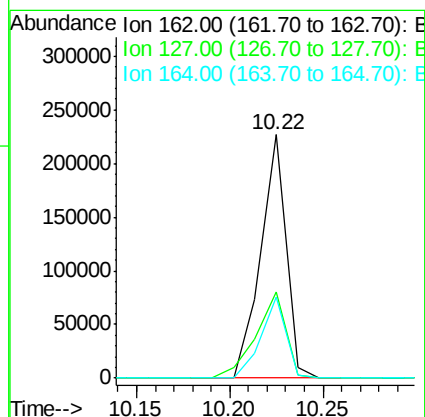
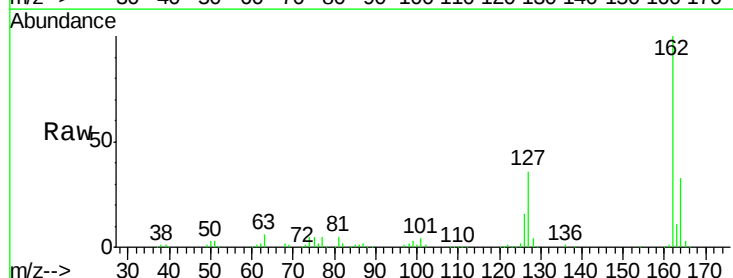
Instrument :
BNA_F
ClientSampleId :
PB82152BSD

Tot Ion:154 Resp: 266362
Ion Ratio Lower Upper
154 100
153 39.6 20.7 60.7
76 13.5 0.0 30.9



#46
2-Chloronaphthalene
Concen: 39.16 ng
RT: 10.22 min Scan# 817
Delta R.T. -0.00 min
Lab File: BF077782.D
Acq: 17 Mar 2015 20:14

Tgt Ion:162 Resp: 213147
Ion Ratio Lower Upper
162 100
127 35.5 26.9 40.3
164 33.2 26.8 40.2

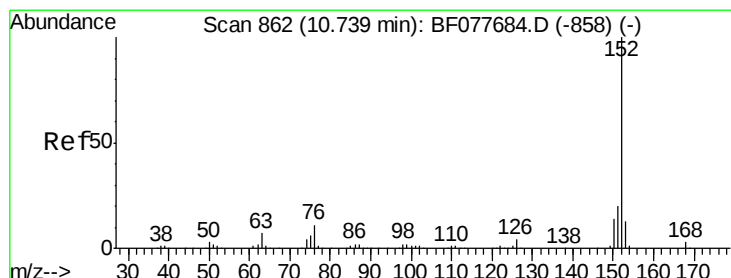
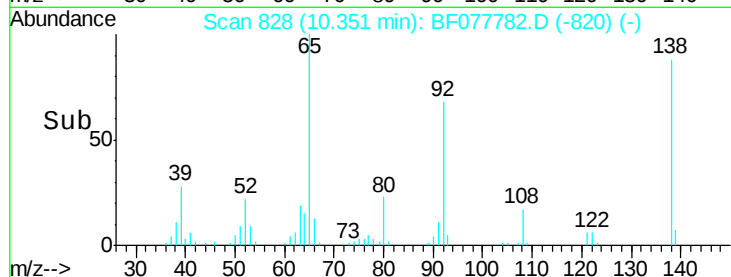
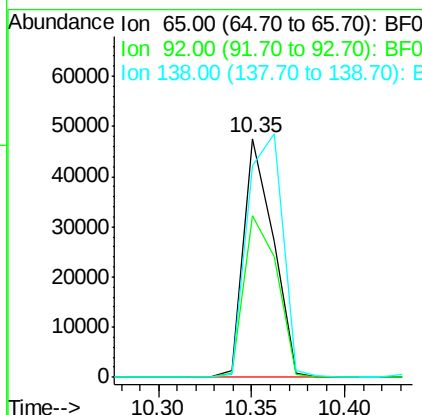
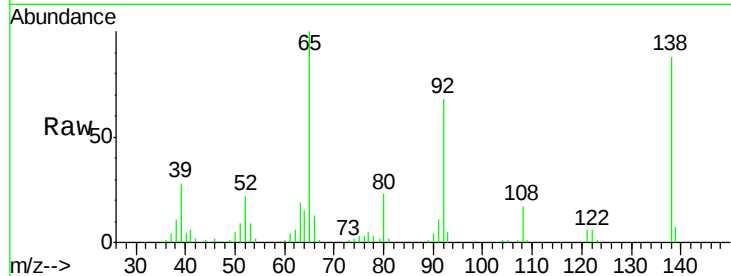




#47
 2-Nitroaniline
 Concen: 39.09 ng
 RT: 10.35 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BF077782.D
 Acq: 17 Mar 2015 20:14

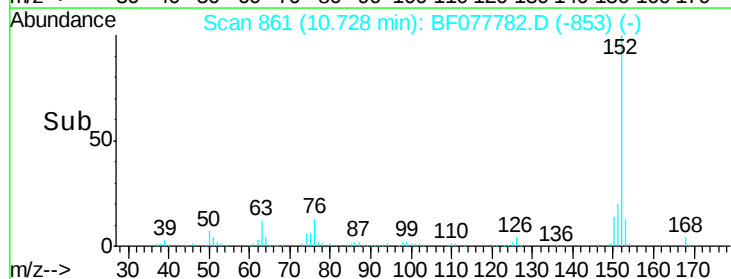
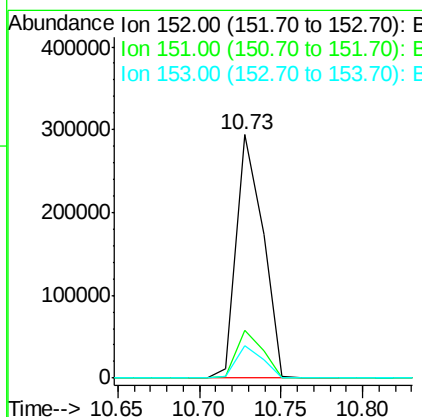
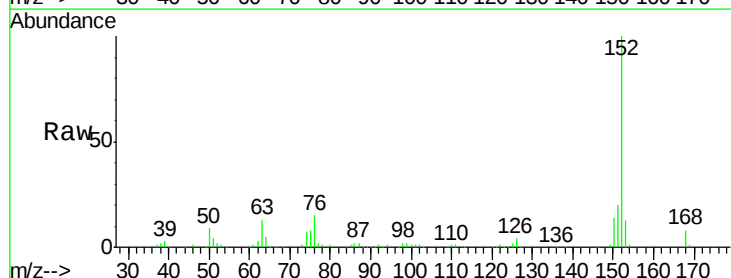
Instrument :
 BNA_F
 ClientSampleId :
 PB82152BSD

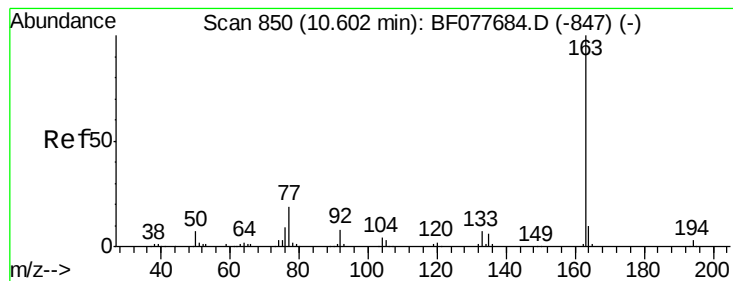
Tot Ion: 65 Resp: 52835
 Ion Ratio Lower Upper
 65 100
 92 67.9 59.1 88.7
 138 88.3 93.9 140.9#



#48
 Acenaphthylene
 Concen: 36.51 ng
 RT: 10.73 min Scan# 861
 Delta R.T. -0.01 min
 Lab File: BF077782.D
 Acq: 17 Mar 2015 20:14

Tgt Ion: 152 Resp: 330455
 Ion Ratio Lower Upper
 152 100
 151 19.9 15.9 23.9
 153 13.4 10.6 16.0





#49

Dimethylphthalate

Concen: 38.26 ng

RT: 10.59 min Scan# 849

Delta R.T. -0.01 min

Lab File: BF077782.D

Acq: 17 Mar 2015 20:14

Instrument :

BNA_F

ClientSampled :

PB82152BSD

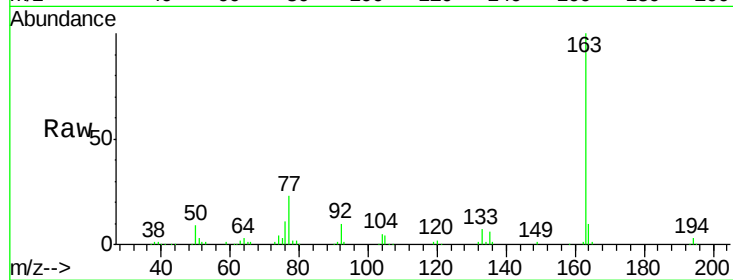
Tot Ion:163 Resp: 237753

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

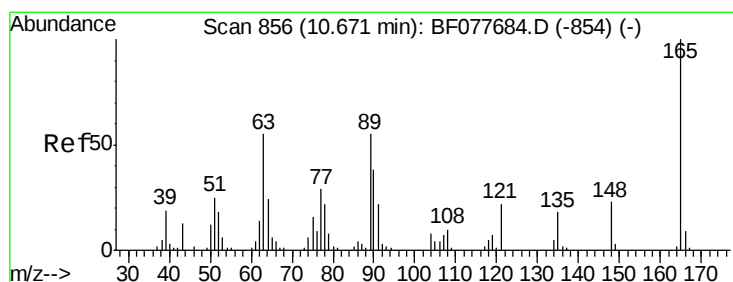
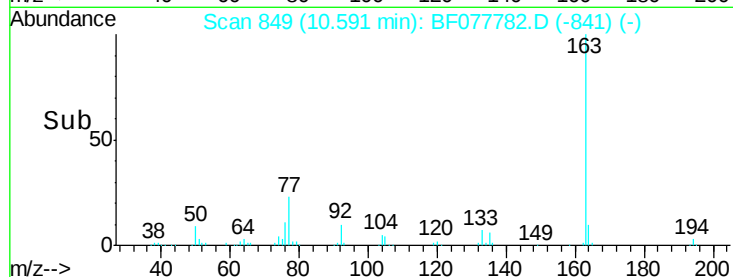
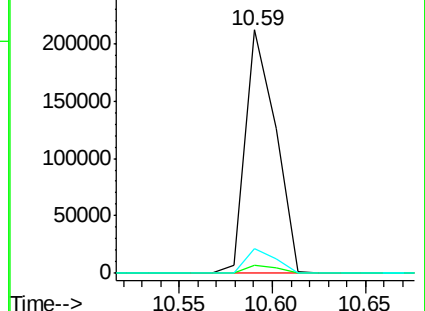
164 10.4 8.2 12.2



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: 40.87 ng

RT: 10.67 min Scan# 856

Delta R.T. -0.00 min

Lab File: BF077782.D

Acq: 17 Mar 2015 20:14

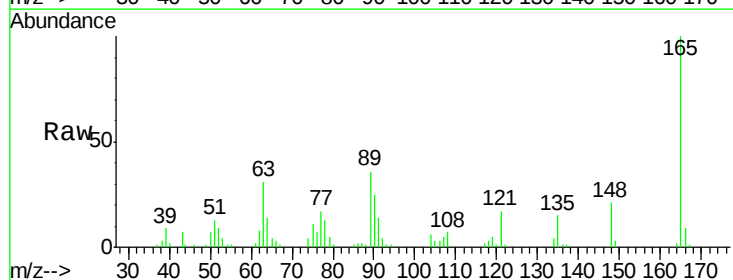
Tgt Ion:165 Resp: 52640

Ion Ratio Lower Upper

165 100

63 31.1 44.1 66.1#

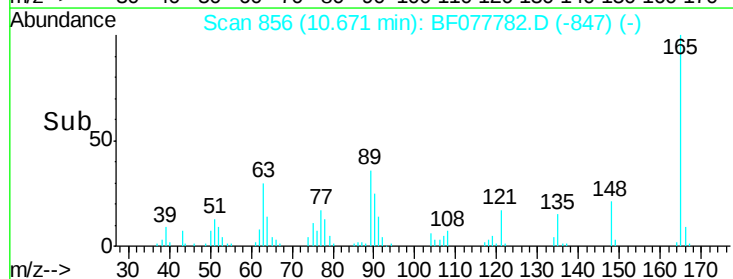
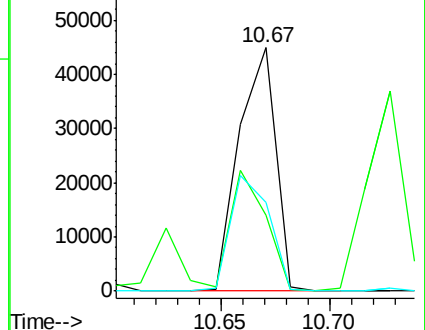
89 36.4 44.3 66.5#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.14 ng

RT: 10.94 min Scan# 880

Delta R.T. -0.00 min

Lab File: BF077782.D

Acq: 17 Mar 2015 20:14

Instrument :

BNA_F

ClientSampleId :

PB82152BSD

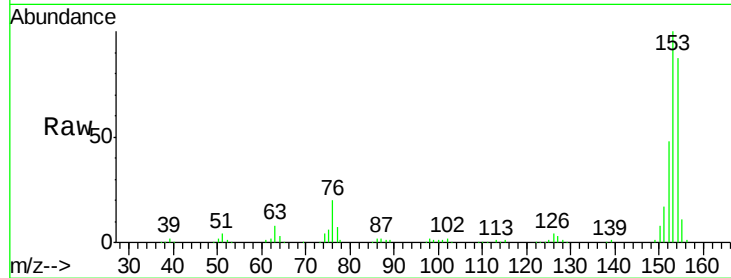
Tot Ion:154 Resp: 192728

Ion Ratio Lower Upper

154 100

153 114.4 90.0 135.0

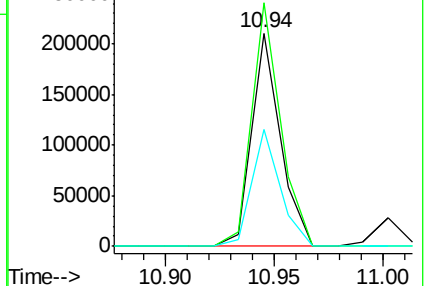
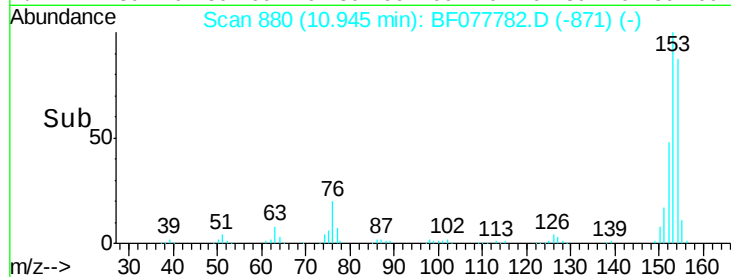
152 54.7 42.6 63.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 29.23 ng

RT: 10.86 min Scan# 873

Delta R.T. -0.00 min

Lab File: BF077782.D

Acq: 17 Mar 2015 20:14

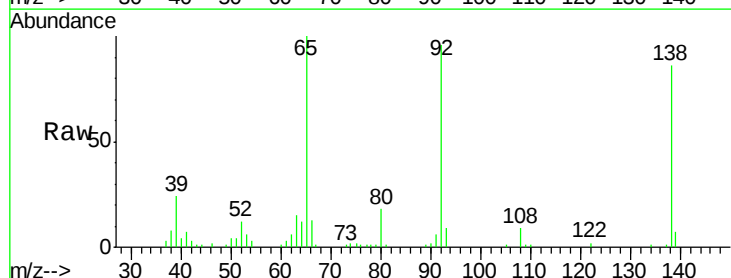
Tgt Ion:138 Resp: 43729

Ion Ratio Lower Upper

138 100

108 10.3 7.3 10.9

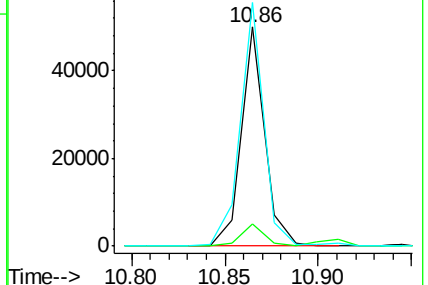
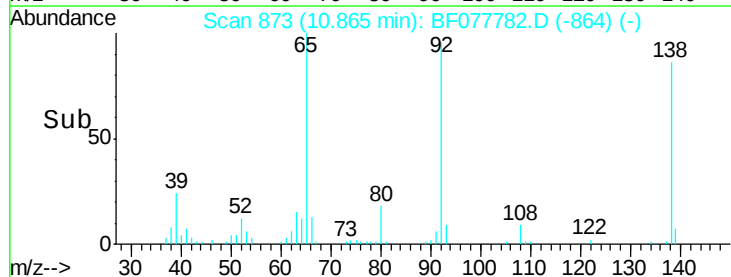
92 111.2 76.6 114.8

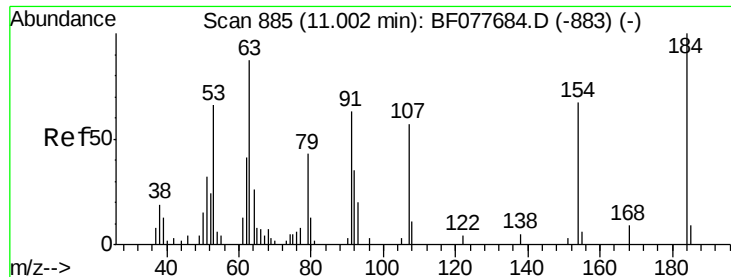


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

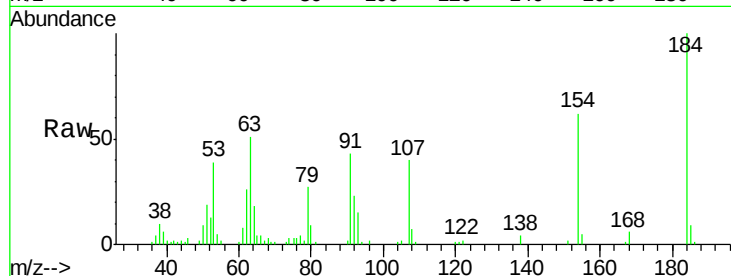




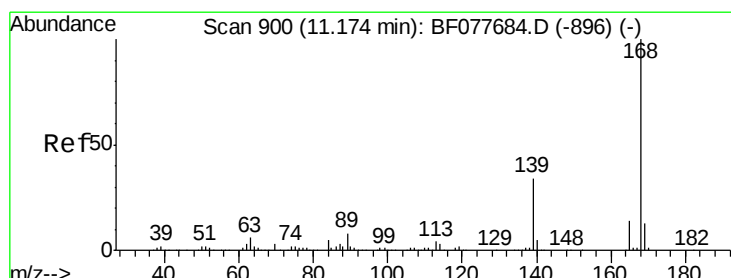
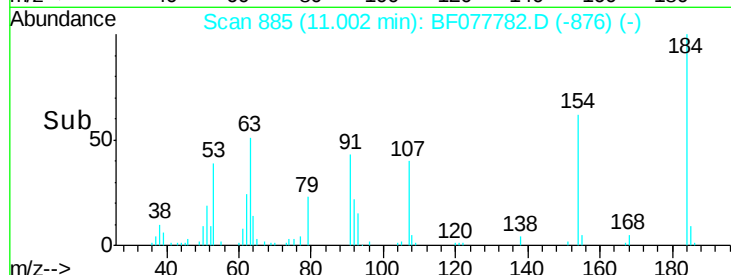
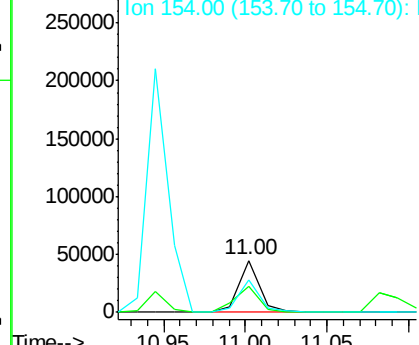
#53
2,4-Dinitrophenol
Concen: 85.41 ng
RT: 11.00 min Scan# 885
Delta R.T. -0.00 min
Lab File: BF077782.D
Acq: 17 Mar 2015 20:14

Instrument :
BNA_F
ClientSampleId :
PB82152BSD

Tot Ion:184 Resp: 40698
Ion Ratio Lower Upper
184 100
63 51.3 69.2 103.8#
154 62.4 53.3 79.9

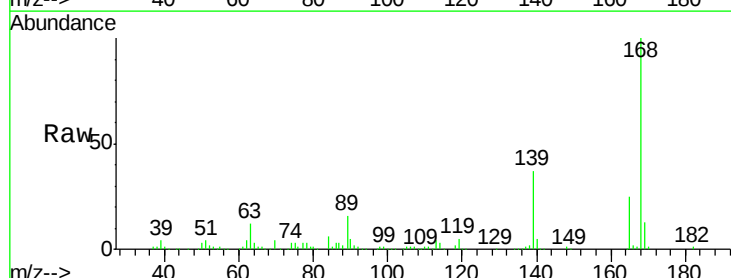


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

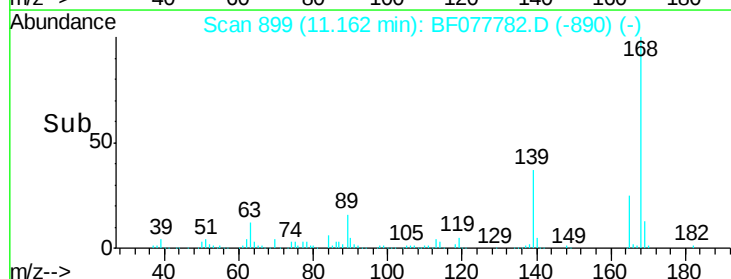
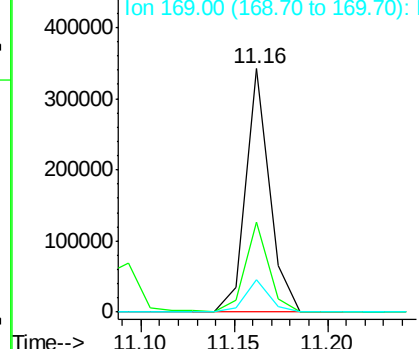


#54
Dibenzofuran
Concen: 39.48 ng
RT: 11.16 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF077782.D
Acq: 17 Mar 2015 20:14

Tgt Ion:168 Resp: 303801
Ion Ratio Lower Upper
168 100
139 36.8 27.3 40.9
169 13.3 10.6 16.0



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





#55

4-Nitrophenol

Concen: 82.33 ng

RT: 11.09 min Scan# 893

Delta R.T. -0.00 min

Lab File: BF077782.D

Acq: 17 Mar 2015 20:14

Instrument :

BNA_F

ClientSampleId :

PB82152BSD

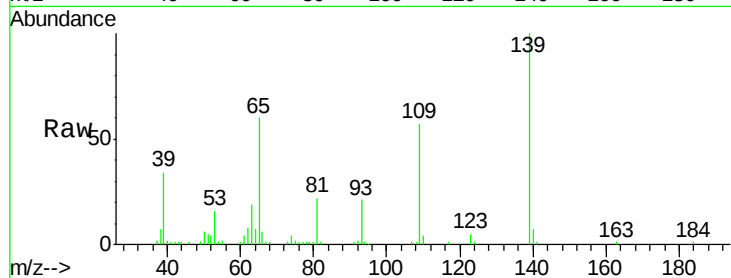
Tot Ion:139 Resp: 91225

Ion Ratio Lower Upper

139 100

109 56.8 37.7 77.7

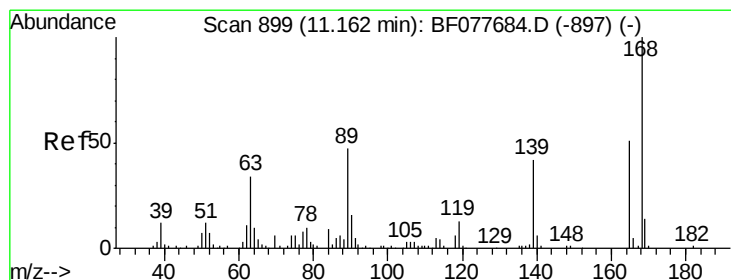
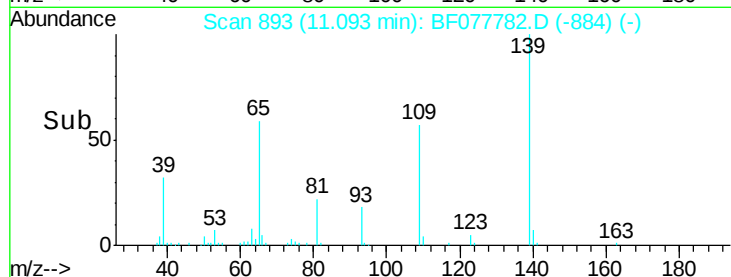
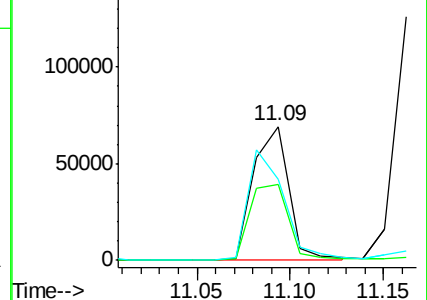
65 60.3 49.9 89.9



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E



#56

2,4-Dinitrotoluene

Concen: 44.60 ng

RT: 11.16 min Scan# 899

Delta R.T. -0.00 min

Lab File: BF077782.D

Acq: 17 Mar 2015 20:14

Tgt Ion:165 Resp: 74909

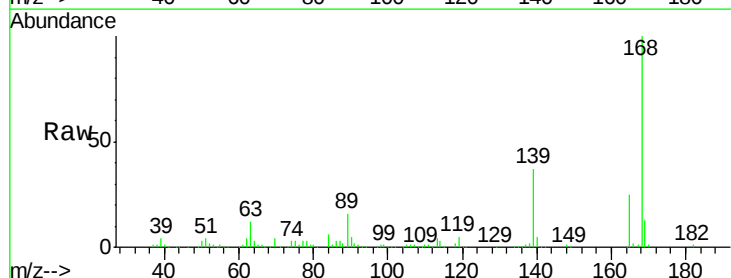
Ion Ratio Lower Upper

165 100

63 46.8 52.4 78.6#

89 66.5 72.4 108.6#

182 2.4 2.0 3.0

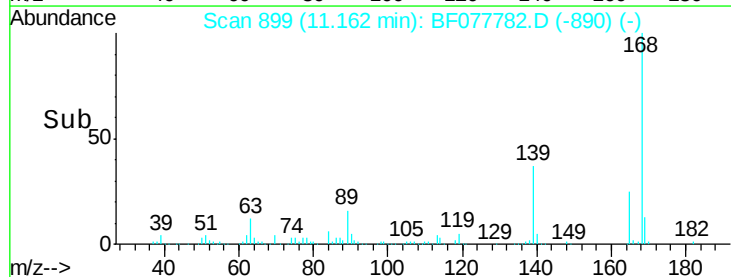
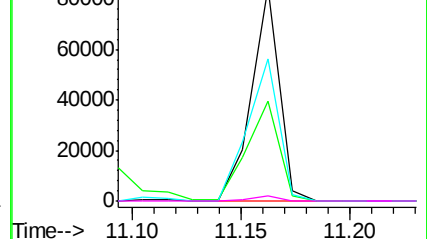


Abundance Ion 165.00 (164.70 to 165.70): E

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: 38.51 ng

RT: 11.58 min Scan# 936

Delta R.T. -0.00 min

Lab File: BF077782.D

Acq: 17 Mar 2015 20:14

Instrument :

BNA_F

ClientSampleId :

PB82152BSD

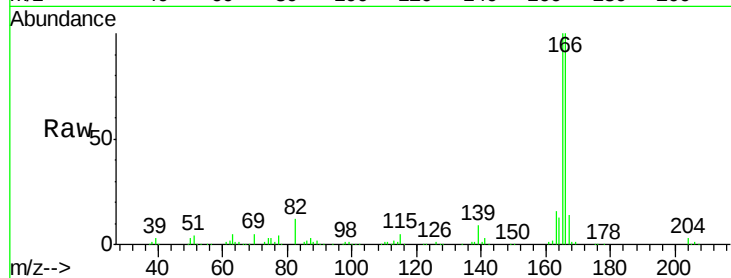
Tot Ion:166 Resp: 246074

Ion Ratio Lower Upper

166 100

165 100.3 79.0 118.4

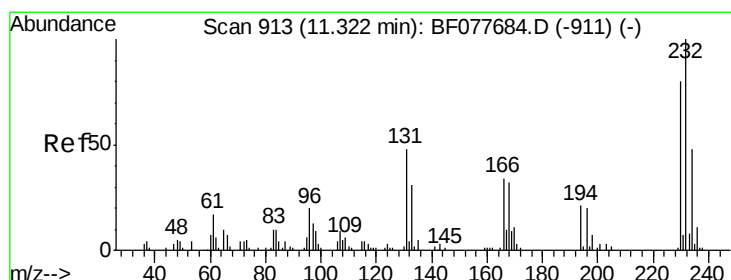
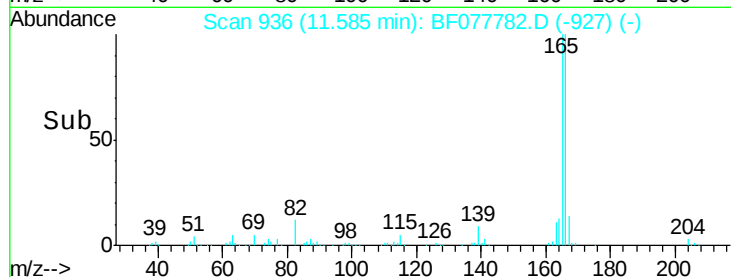
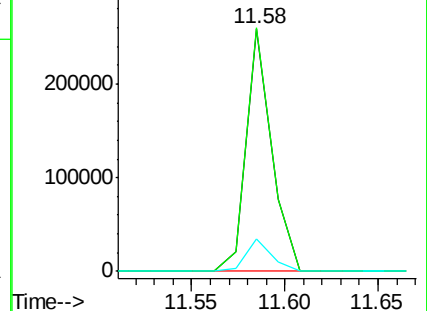
167 13.6 10.3 15.5



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.47 ng

RT: 11.32 min Scan# 913

Delta R.T. -0.00 min

Lab File: BF077782.D

Acq: 17 Mar 2015 20:14

Tgt Ion:232 Resp: 56833

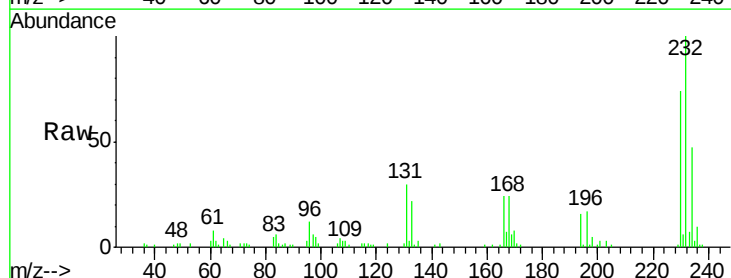
Ion Ratio Lower Upper

232 100

131 46.8 0.0 0.0#

130 2.4 0.0 0.0#

166 32.4 0.0 0.0#

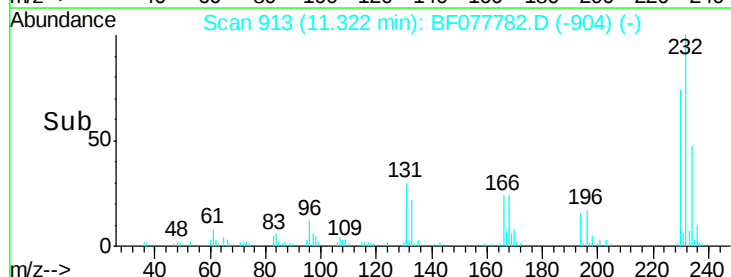
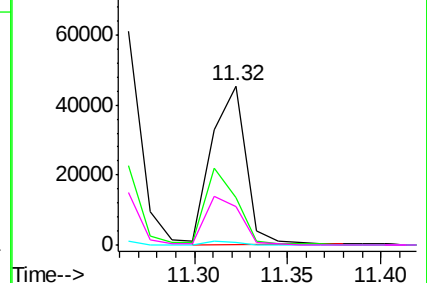


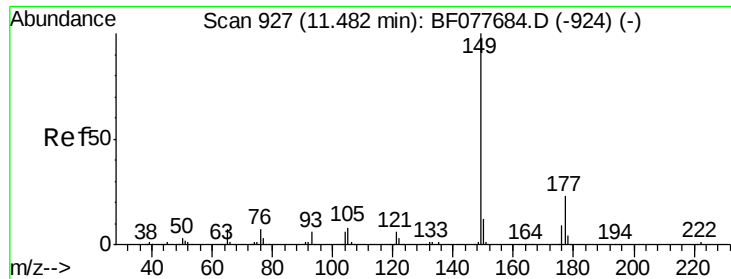
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

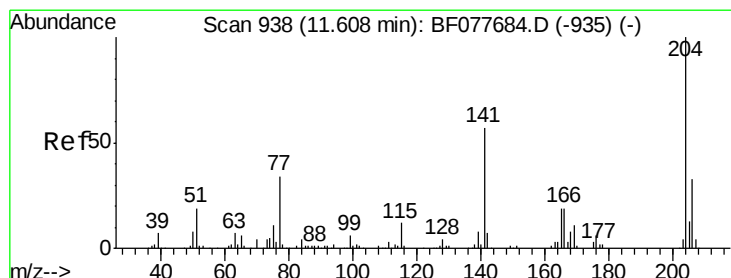
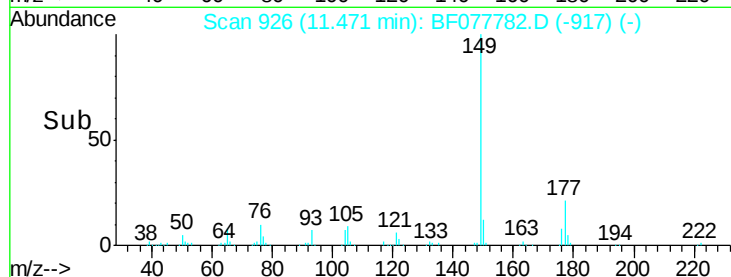
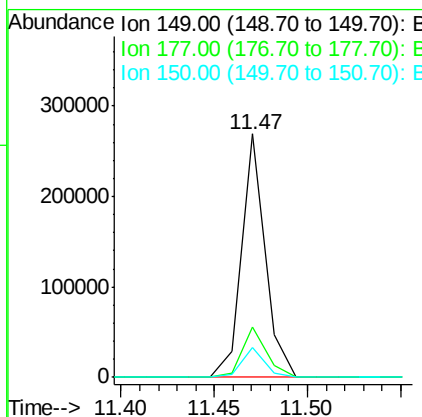
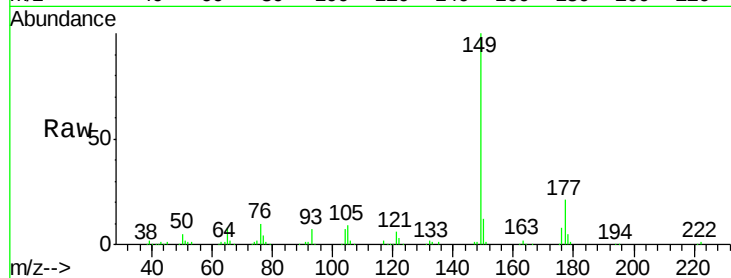




#59
Diethylphthalate
Concen: 39.11 ng
RT: 11.47 min Scan# 926
Delta R.T. -0.00 min
Lab File: BF077782.D
Acq: 17 Mar 2015 20:14

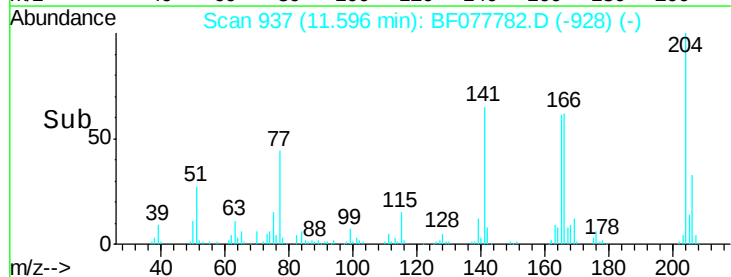
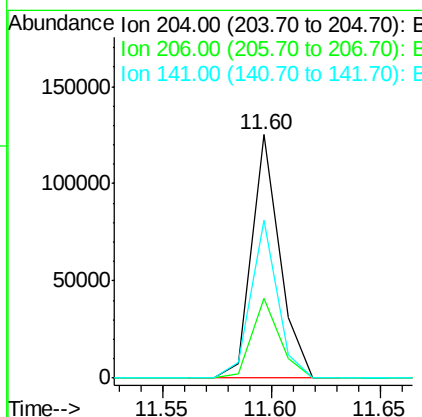
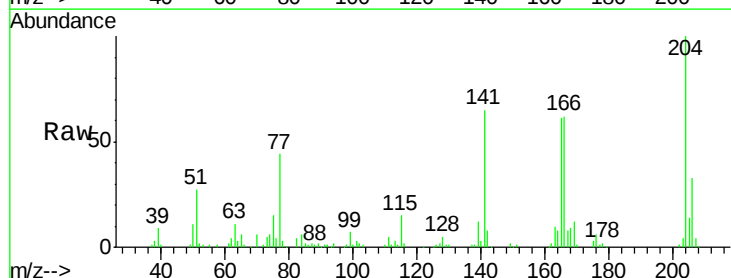
Instrument :
BNA_F
ClientSampleId :
PB82152BSD

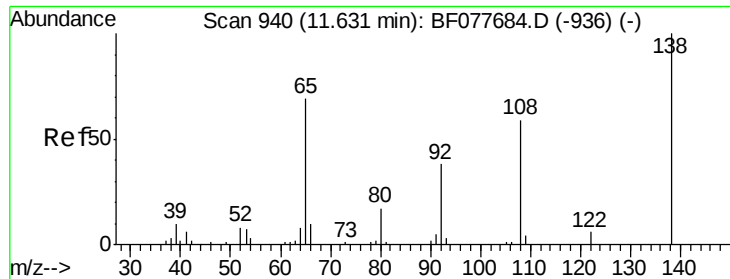
Tot Ion:149 Resp: 236776
Ion Ratio Lower Upper
149 100
177 20.7 18.3 27.5
150 12.4 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 38.53 ng
RT: 11.60 min Scan# 937
Delta R.T. -0.00 min
Lab File: BF077782.D
Acq: 17 Mar 2015 20:14

Tgt Ion:204 Resp: 112355
Ion Ratio Lower Upper
204 100
206 32.5 26.6 39.8
141 64.9 45.2 67.8

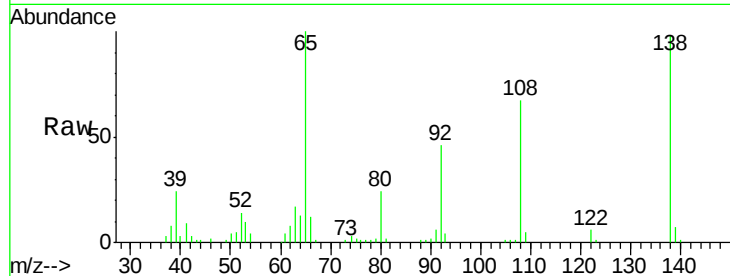




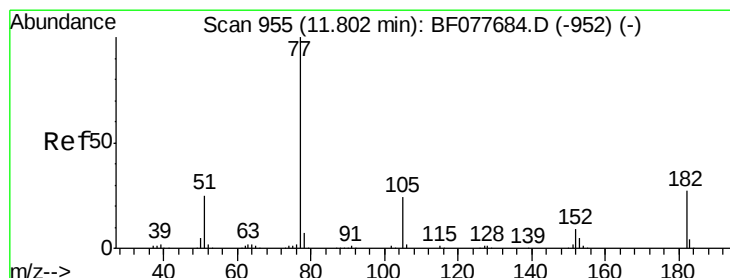
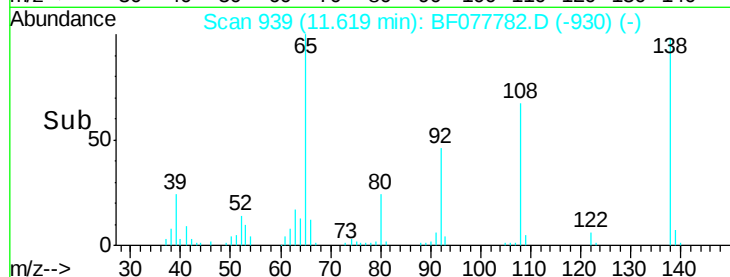
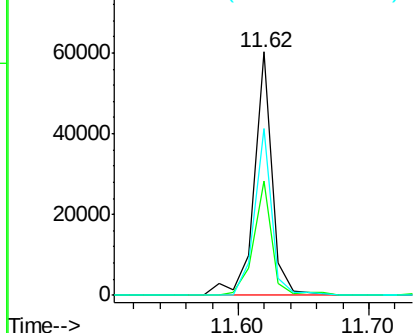
#61
4-Nitroaniline
Concen: 38.80 ng
RT: 11.62 min Scan# 939
Delta R.T. -0.00 min
Lab File: BF077782.D
Acq: 17 Mar 2015 20:14

Instrument :
BNA_F
ClientSampleId :
PB82152BSD

Tot Ion:138 Resp: 57836
Ion Ratio Lower Upper
138 100
92 46.9 16.7 56.7
108 68.5 37.6 77.6

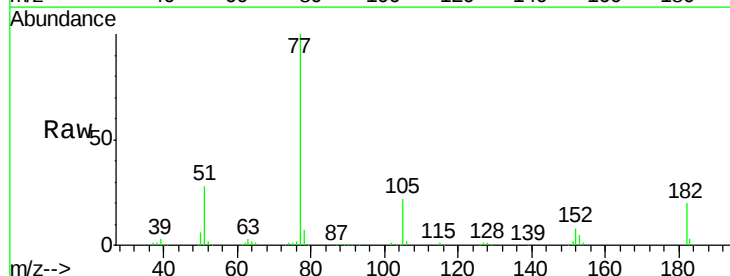


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

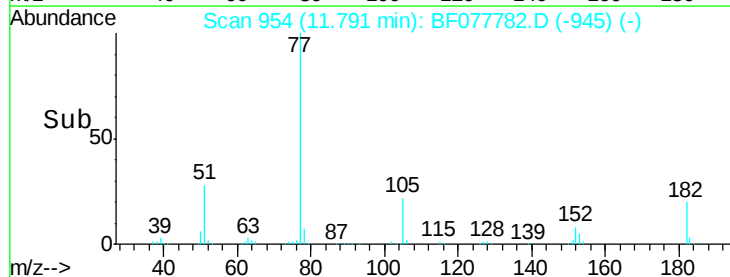
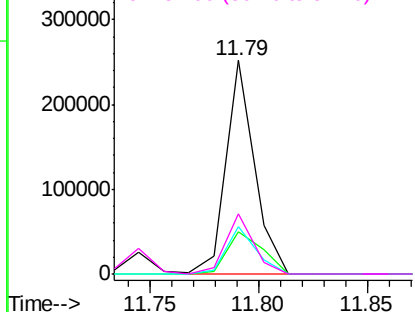


#62
Azobenzene
Concen: 39.35 ng
RT: 11.79 min Scan# 954
Delta R.T. -0.00 min
Lab File: BF077782.D
Acq: 17 Mar 2015 20:14

Tgt Ion: 77 Resp: 227658
Ion Ratio Lower Upper
77 100
182 20.0 6.5 46.5
105 22.0 3.8 43.8
51 28.1 5.5 45.5



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

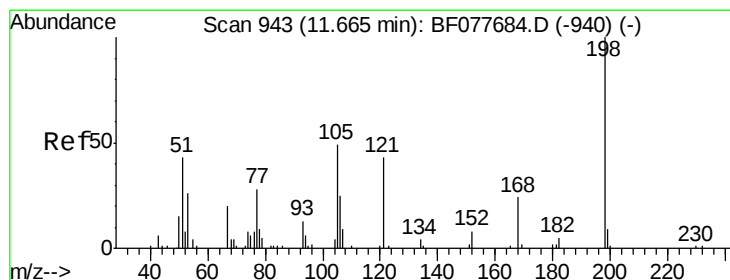
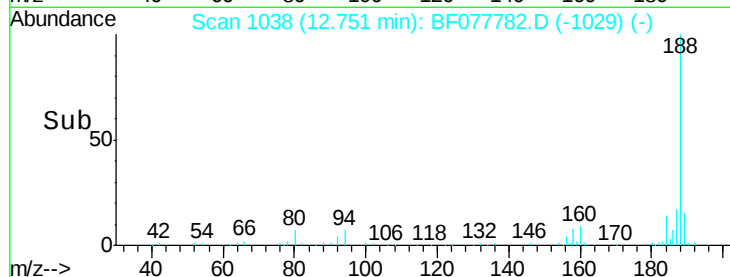
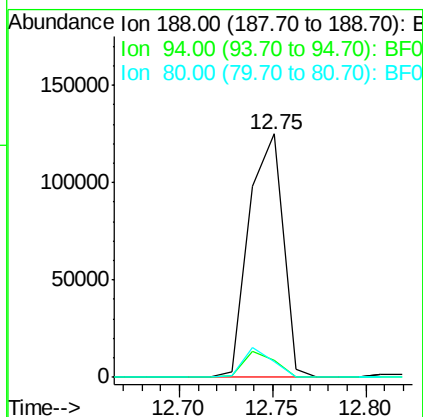
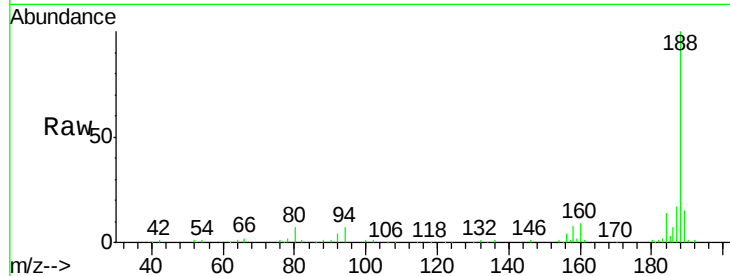




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.75 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BF077782.D
 Acq: 17 Mar 2015 20:14

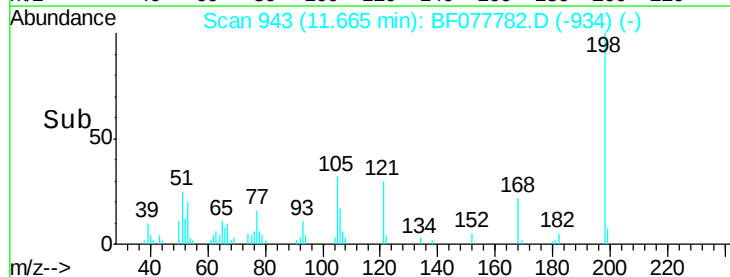
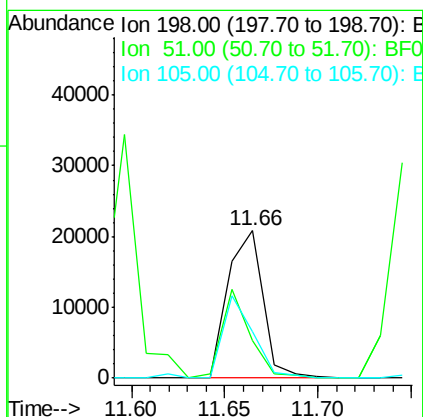
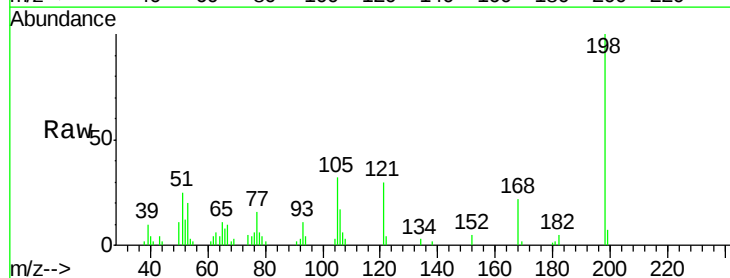
Instrument :
 BNA_F
 ClientSampleId :
 PB82152BSD

Tot Ion:188 Resp: 158352
 Ion Ratio Lower Upper
 188 100
 94 7.1 8.7 13.1#
 80 6.7 9.3 13.9#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 37.86 ng
 RT: 11.66 min Scan# 943
 Delta R.T. -0.00 min
 Lab File: BF077782.D
 Acq: 17 Mar 2015 20:14

Tgt Ion:198 Resp: 27562
 Ion Ratio Lower Upper
 198 100
 51 25.1 28.8 68.8#
 105 31.8 30.5 70.5

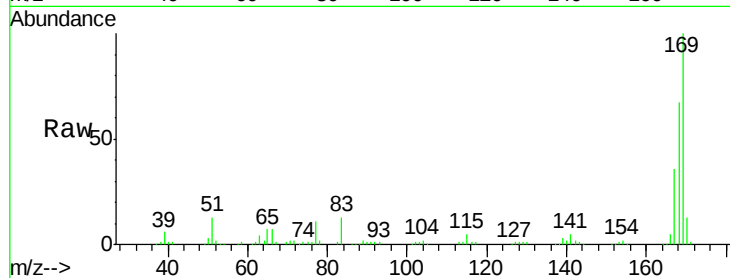




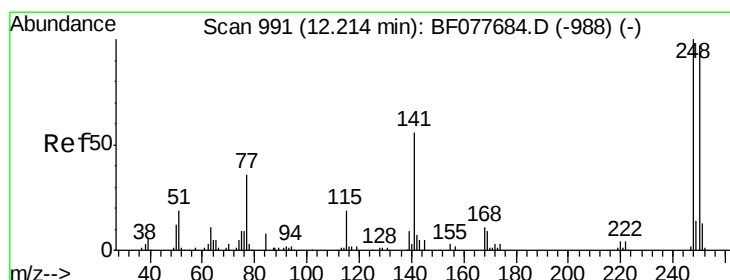
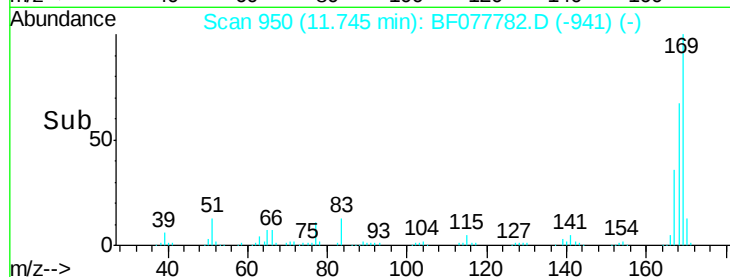
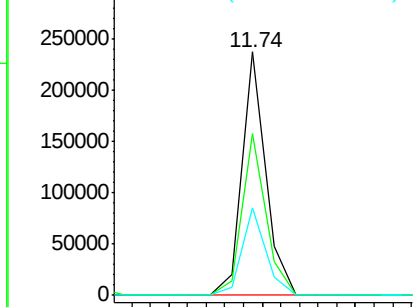
#65
n-Nitrosodiphenylamine
Concen: 40.05 ng
RT: 11.74 min Scan# 950
Delta R.T. -0.00 min
Lab File: BF077782.D
Acq: 17 Mar 2015 20:14

Instrument :
BNA_F
ClientSampleId :
PB82152BSD

Tot Ion:169 Resp: 211191
Ion Ratio Lower Upper
169 100
168 66.6 53.9 80.9
167 35.9 28.9 43.3

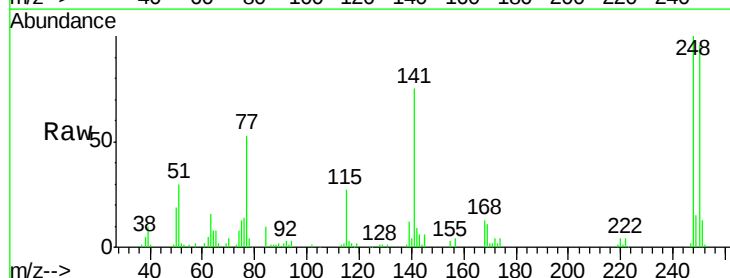


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

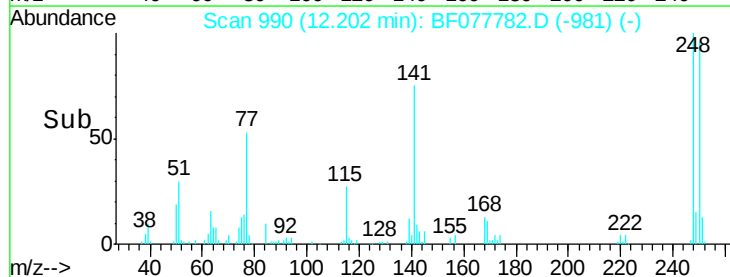
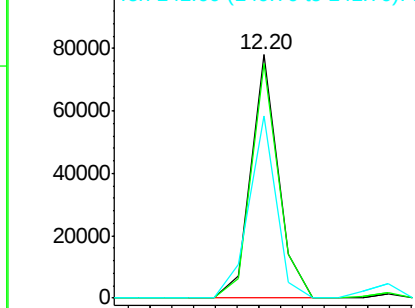


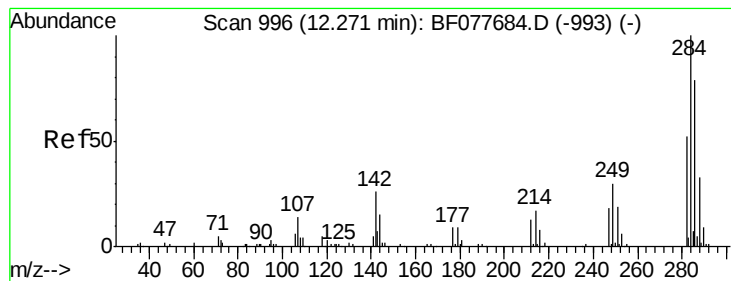
#66
4-Bromophenyl-phenylether
Concen: 40.33 ng
RT: 12.20 min Scan# 990
Delta R.T. -0.00 min
Lab File: BF077782.D
Acq: 17 Mar 2015 20:14

Tgt Ion:248 Resp: 68149
Ion Ratio Lower Upper
248 100
250 96.3 77.4 116.0
141 74.8 45.2 67.8#



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: 38.94 ng

RT: 12.26 min Scan# 995

Delta R.T. -0.00 min

Lab File: BF077782.D

Acq: 17 Mar 2015 20:14

Instrument :

BNA_F

ClientSampleId :

PB82152BSD

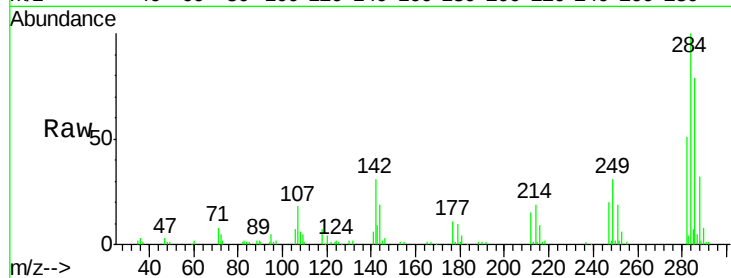
Tot Ion:284 Resp: 72312

Ion Ratio Lower Upper

284 100

142 31.1 20.4 30.6#

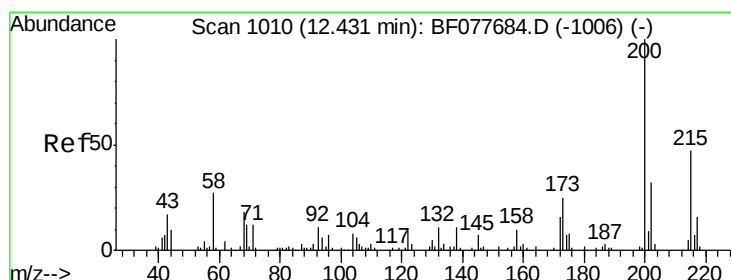
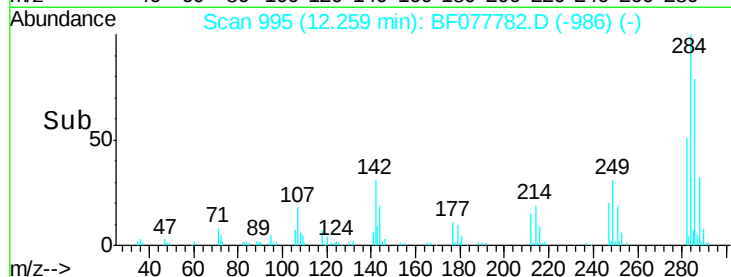
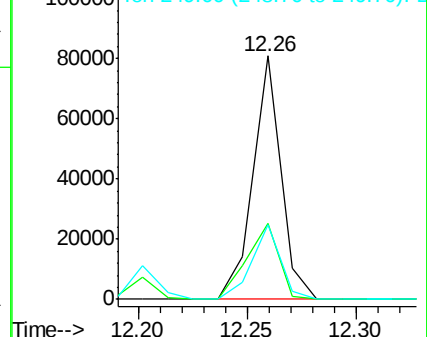
249 30.9 23.8 35.6



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: 43.54 ng

RT: 12.42 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BF077782.D

Acq: 17 Mar 2015 20:14

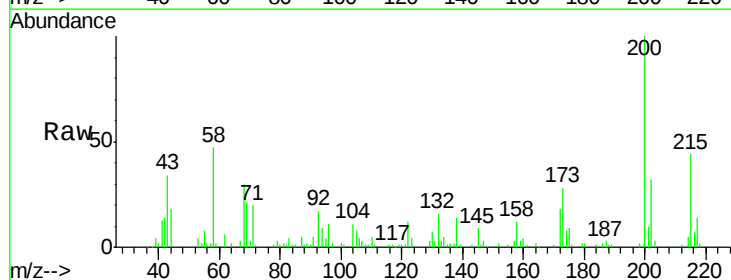
Tgt Ion:200 Resp: 64330

Ion Ratio Lower Upper

200 100

173 27.9 4.8 44.8

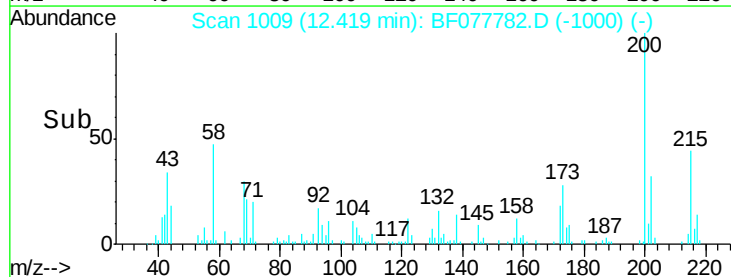
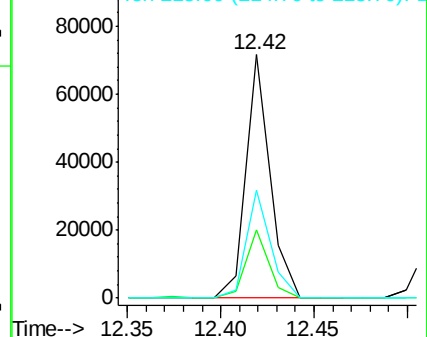
215 44.2 26.9 66.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

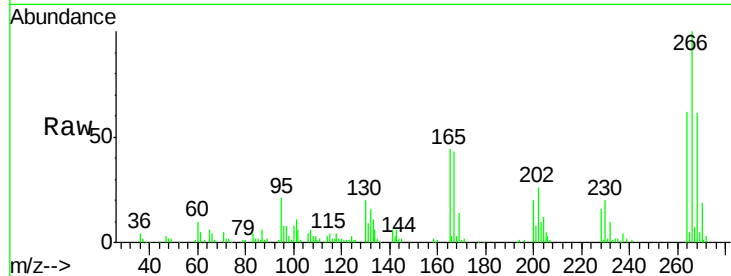




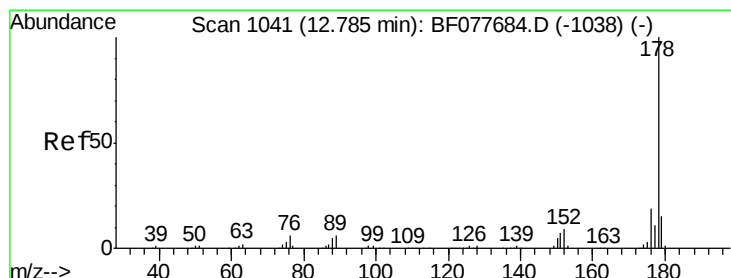
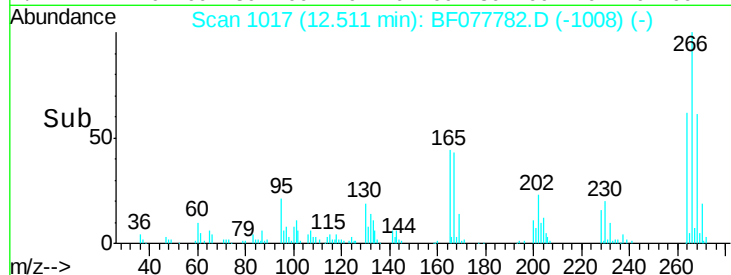
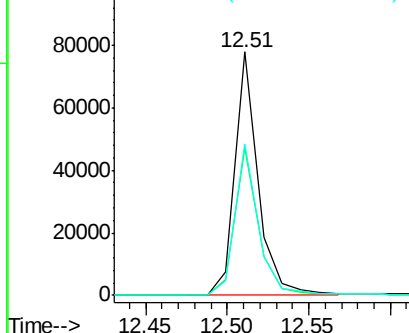
#69
 Pentachlorophenol
 Concen: 78.72 ng
 RT: 12.51 min Scan# 1017
 Delta R.T. -0.00 min
 Lab File: BF077782.D
 Acq: 17 Mar 2015 20:14

Instrument :
 BNA_F
 ClientSampleId :
 PB82152BSD

Tot Ion:266 Resp: 76509
 Ion Ratio Lower Upper
 266 100
 268 60.9 52.0 78.0
 264 62.3 49.0 73.4

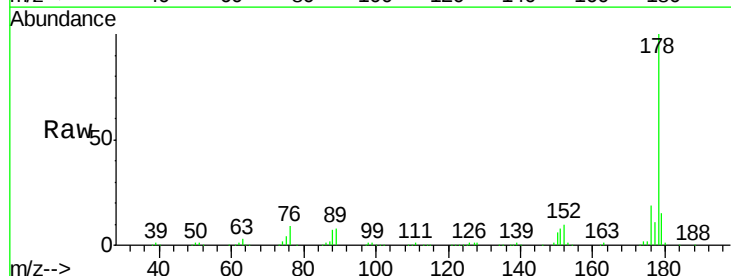


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

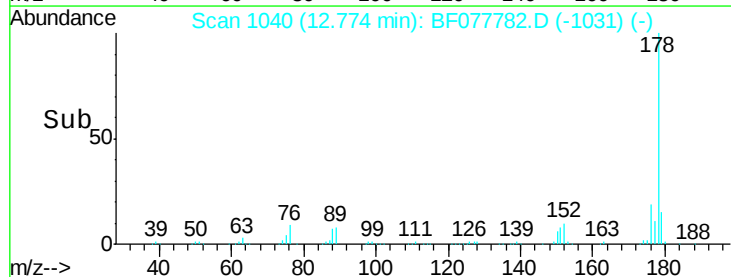
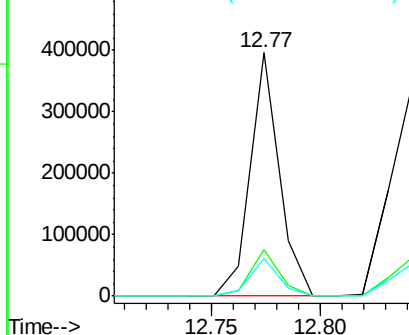


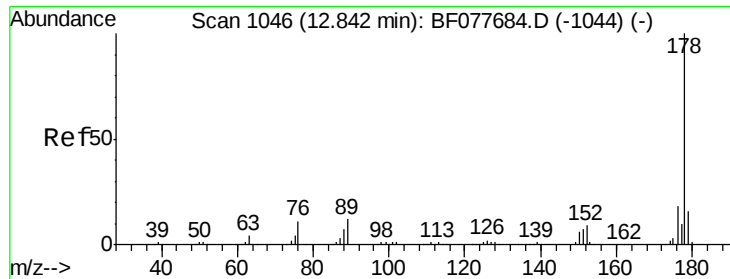
#70
 Phenanthrene
 Concen: 40.53 ng
 RT: 12.77 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BF077782.D
 Acq: 17 Mar 2015 20:14

Tgt Ion:178 Resp: 368454
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.2 22.8
 179 15.2 12.1 18.1



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

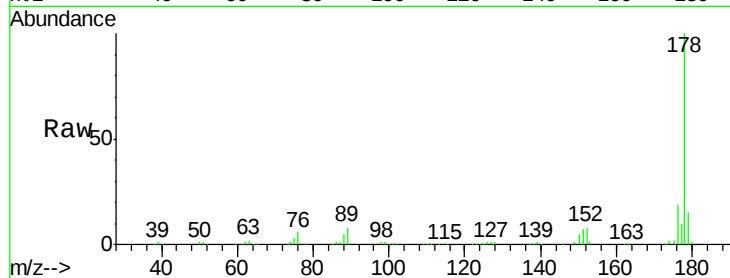




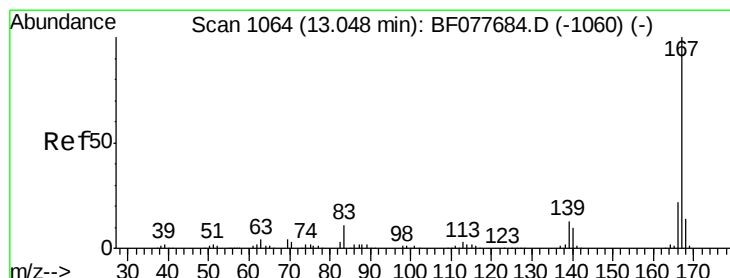
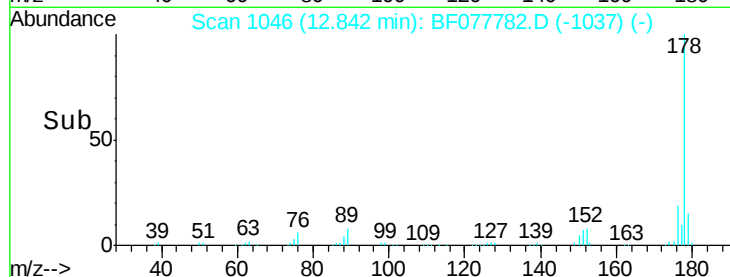
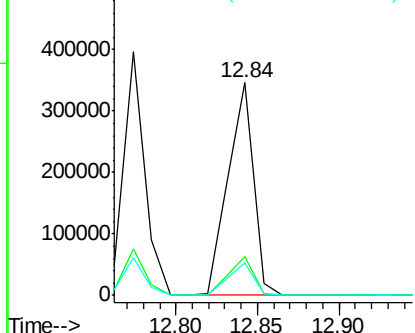
#71
 Anthracene
 Concen: 41.22 ng
 RT: 12.84 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: BF077782.D
 Acq: 17 Mar 2015 20:14

Instrument :
 BNA_F
 ClientSampleId :
 PB82152BSD

Tot Ion:178 Resp: 370247
 Ion Ratio Lower Upper
 178 100
 176 18.5 14.6 22.0
 179 15.5 12.6 19.0

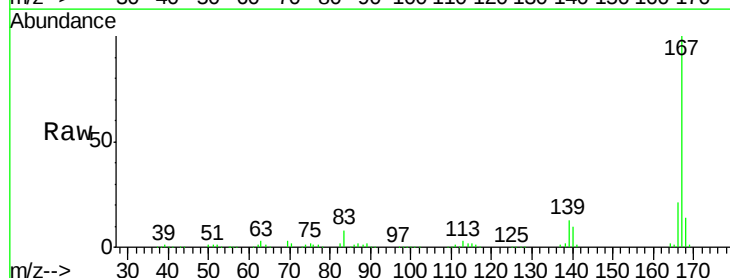


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

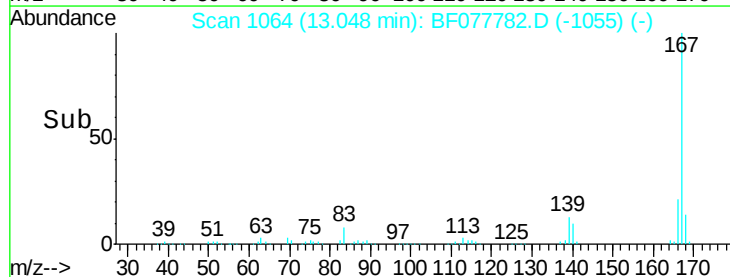
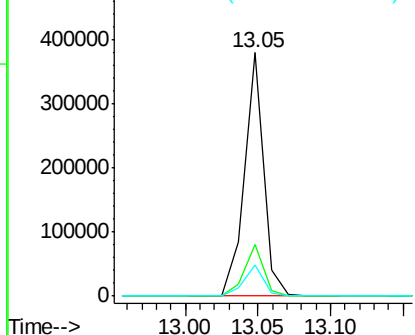


#72
 Carbazole
 Concen: 41.08 ng
 RT: 13.05 min Scan# 1064
 Delta R.T. -0.00 min
 Lab File: BF077782.D
 Acq: 17 Mar 2015 20:14

Tgt Ion:167 Resp: 350982
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.2 25.8
 139 12.8 10.8 16.2



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: 39.75 ng

RT: 13.51 min Scan# 1104

Delta R.T. -0.00 min

Lab File: BF077782.D

Acq: 17 Mar 2015 20:14

Instrument :

BNA_F

ClientSampleId :

PB82152BSD

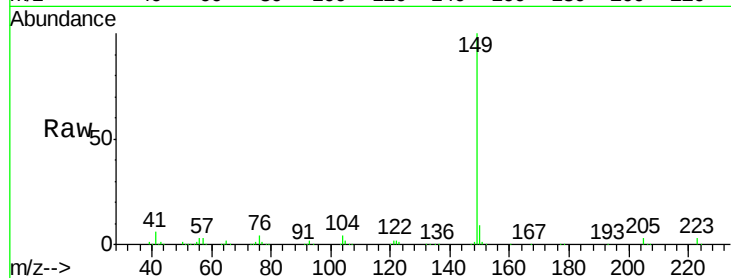
Tot Ion:149 Resp: 380807

Ion Ratio Lower Upper

149 100

150 9.1 7.5 11.3

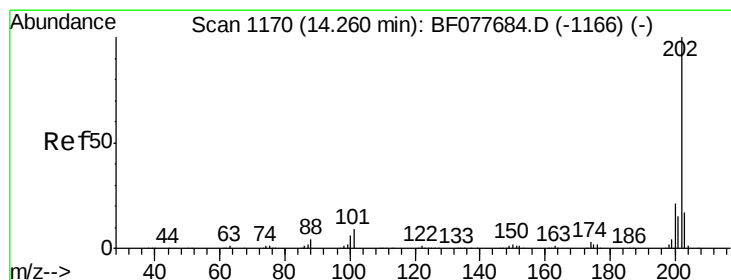
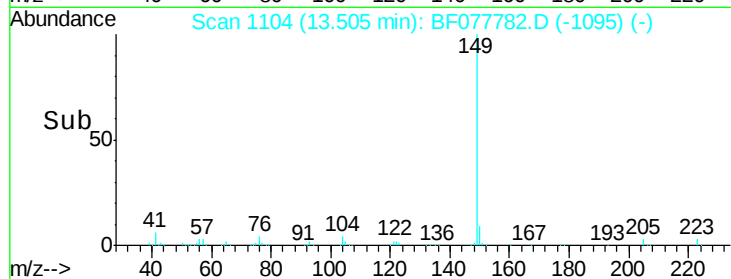
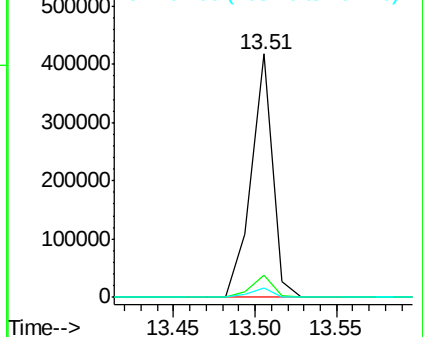
104 4.1 3.7 5.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.92 ng

RT: 14.25 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BF077782.D

Acq: 17 Mar 2015 20:14

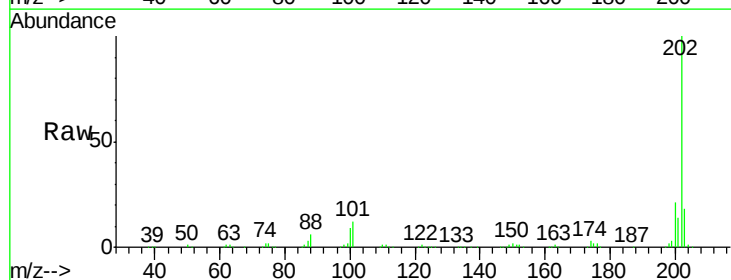
Tgt Ion:202 Resp: 390287

Ion Ratio Lower Upper

202 100

101 12.1 0.0 28.7

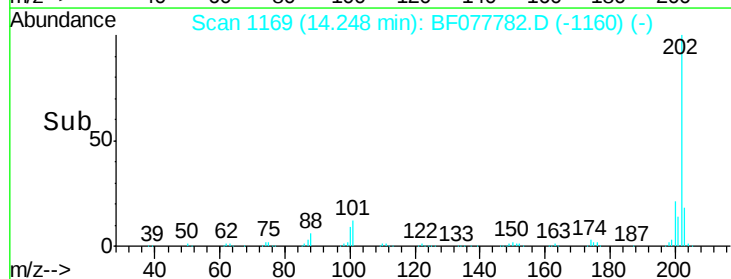
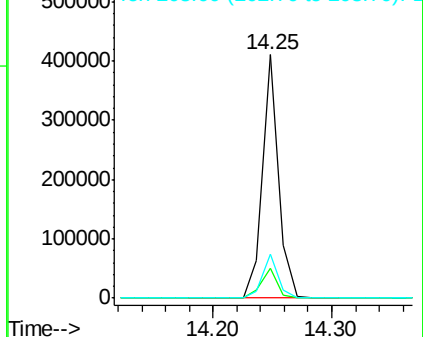
203 18.0 0.0 37.2

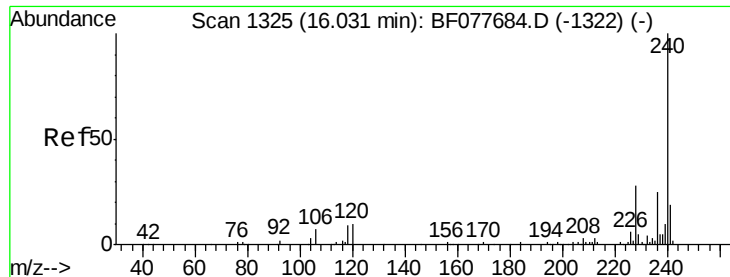


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

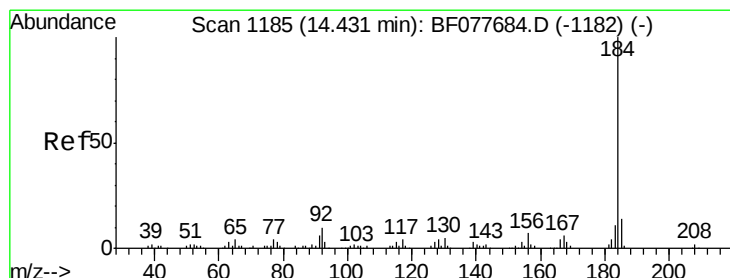
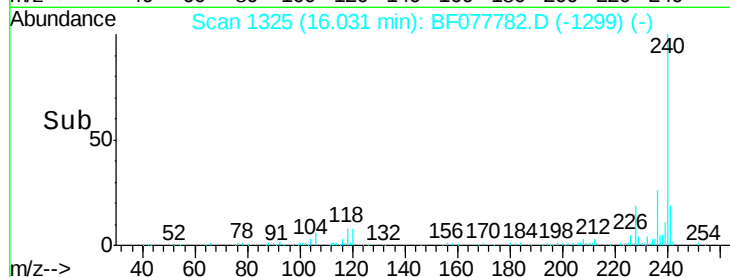
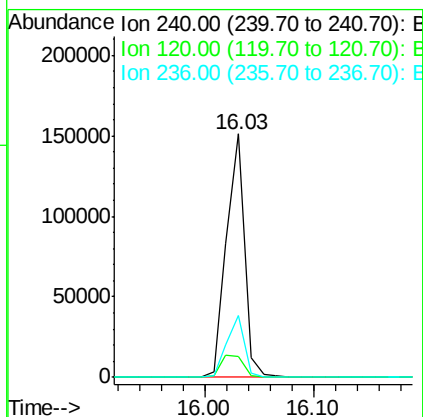
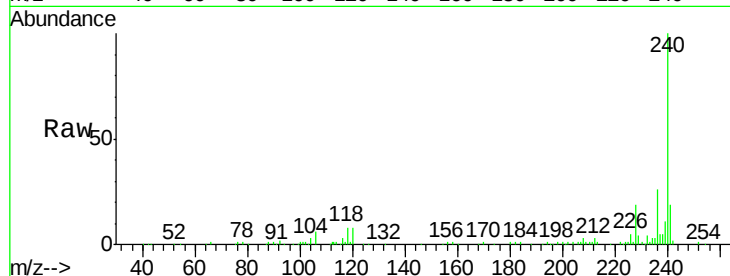




#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.03 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BF077782.D
Acq: 17 Mar 2015 20:14

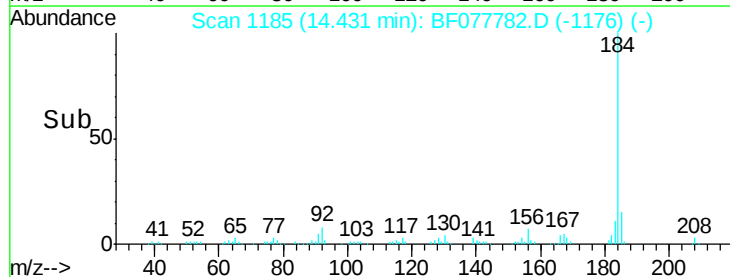
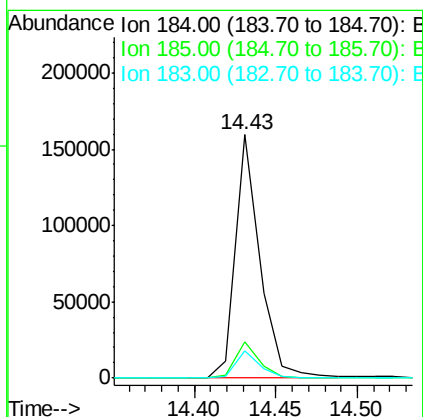
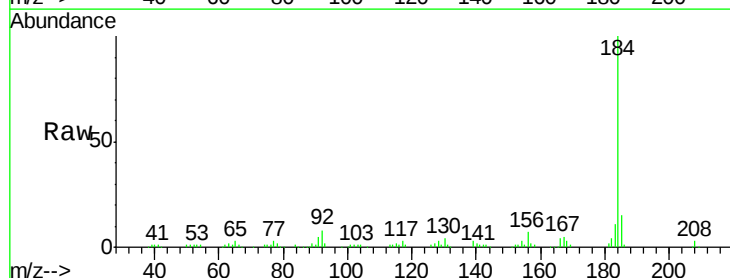
Instrument :
BNA_F
ClientSampleId :
PB82152BSD

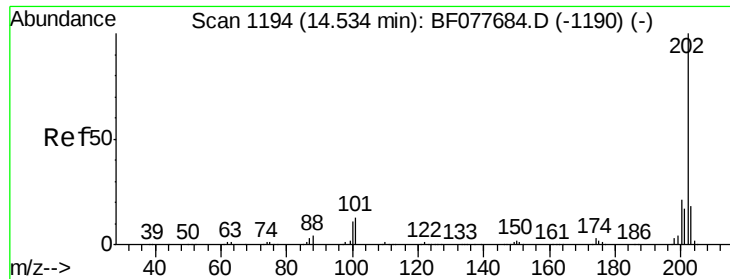
Tot Ion:240 Resp: 174218
Ion Ratio Lower Upper
240 100
120 8.4 8.2 12.2
236 25.6 20.0 30.0



#76
Benzidine
Concen: 38.38 ng
RT: 14.43 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BF077782.D
Acq: 17 Mar 2015 20:14

Tgt Ion:184 Resp: 165470
Ion Ratio Lower Upper
184 100
185 15.0 11.3 16.9
183 11.3 8.9 13.3

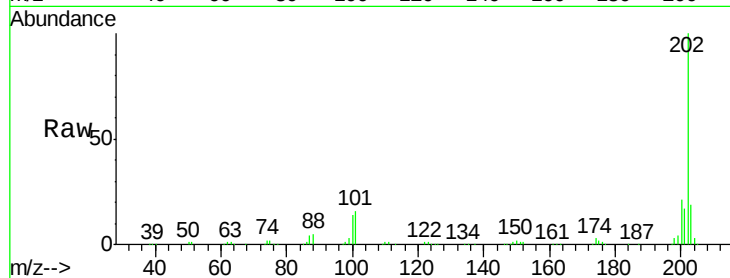




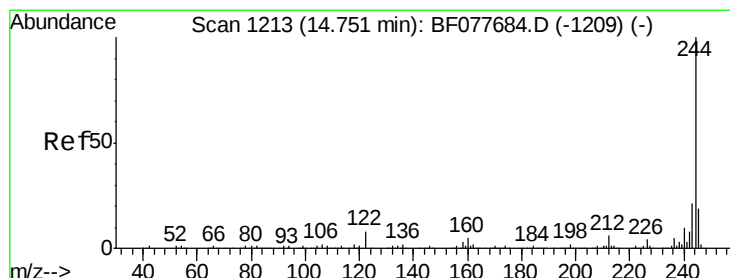
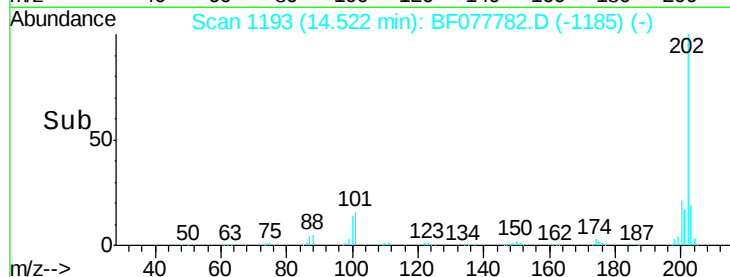
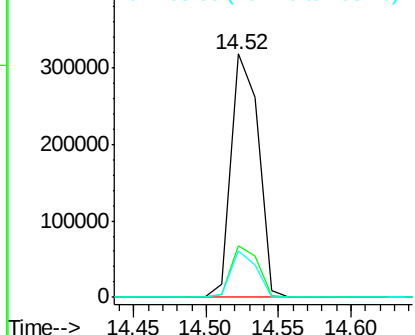
#77
Pvrene
Concen: 38.07 ng
RT: 14.52 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF077782.D
Acq: 17 Mar 2015 20:14

Instrument :
BNA_F
ClientSampleId :
PB82152BSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.9	25.3
203	18.9	14.1	21.1

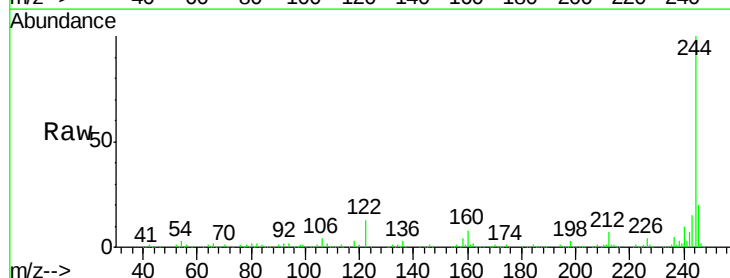


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

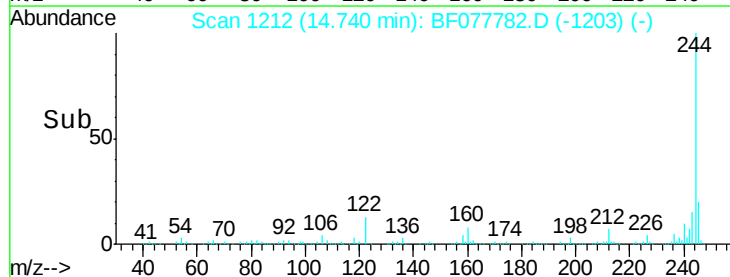
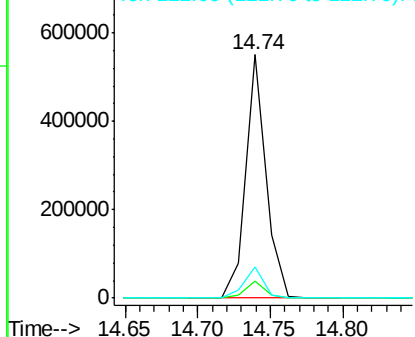


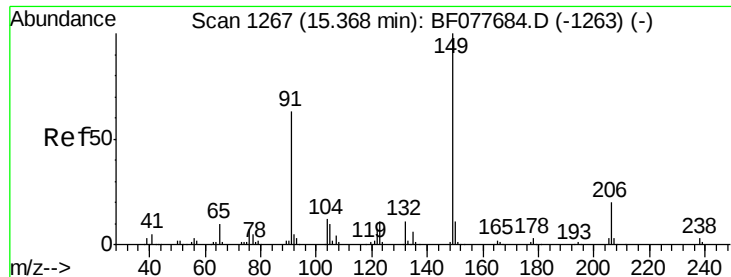
#78
Terphenyl-d14
Concen: 74.93 ng
RT: 14.74 min Scan# 1212
Delta R.T. -0.00 min
Lab File: BF077782.D
Acq: 17 Mar 2015 20:14

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	4.9	7.3
122	12.9	6.2	9.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

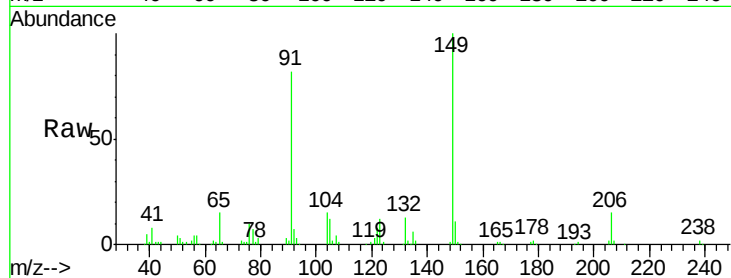




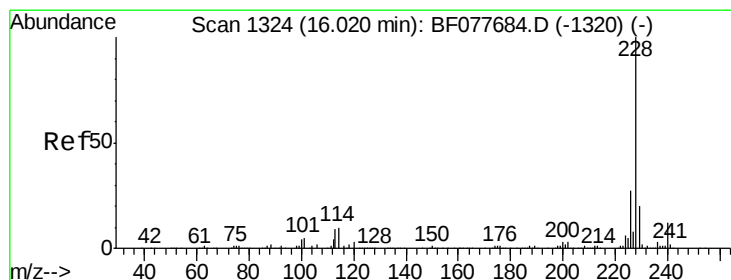
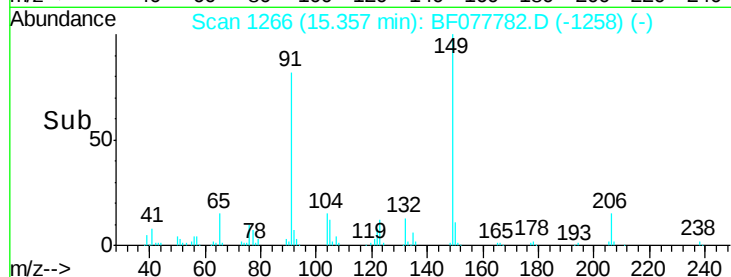
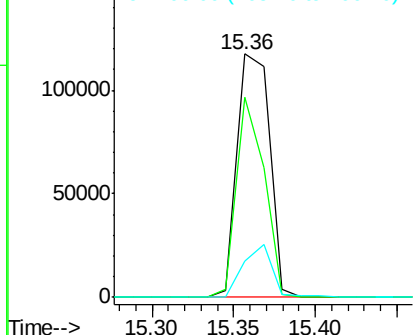
#79
Butylbenzylphthalate
Concen: 37.57 ng
RT: 15.36 min Scan# 1266
Delta R.T. -0.01 min
Lab File: BF077782.D
Acq: 17 Mar 2015 20:14

Instrument :
BNA_F
ClientSampleId :
PB82152BSD

Tot Ion:149 Resp: 162290
Ion Ratio Lower Upper
149 100
91 82.2 50.1 75.1#
206 14.8 16.2 24.2#

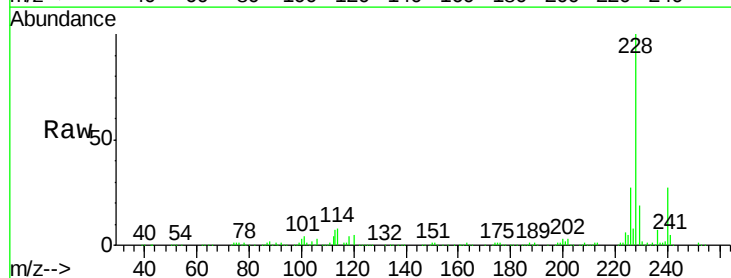


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

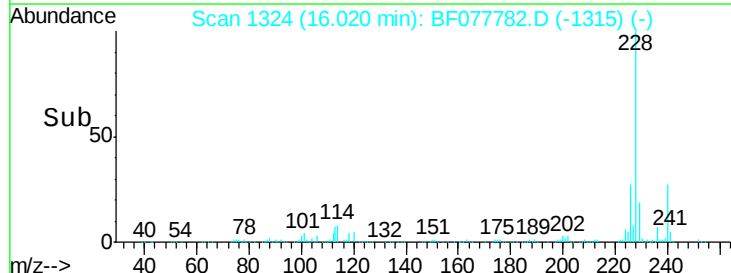
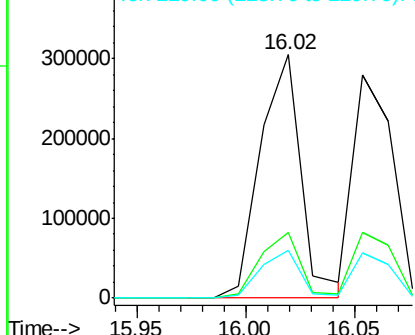


#80
Benzo(a)anthracene
Concen: 38.86 ng
RT: 16.02 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF077782.D
Acq: 17 Mar 2015 20:14

Tgt Ion:228 Resp: 401318
Ion Ratio Lower Upper
228 100
226 26.9 21.7 32.5
229 19.5 16.0 24.0



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

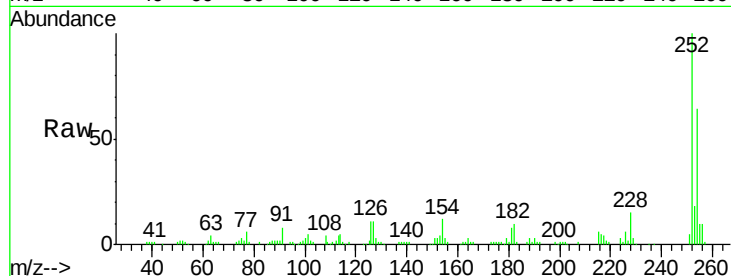




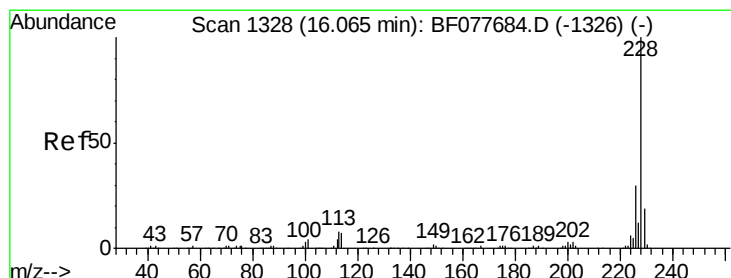
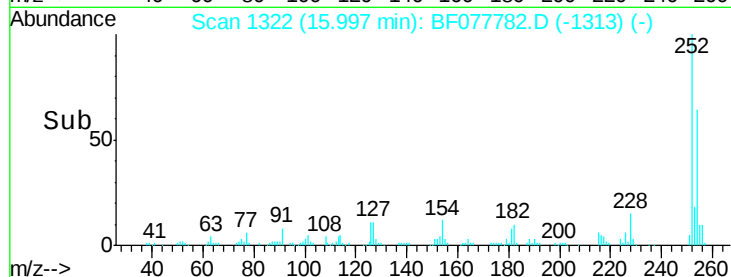
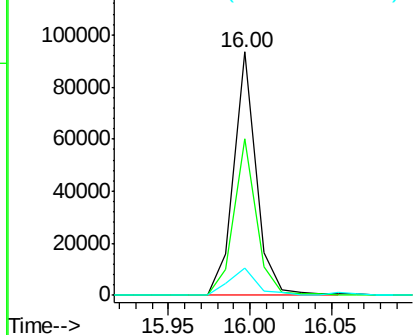
#81
 3,3'-Dichlorobenzidine
 Concen: 26.14 ng
 RT: 16.00 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: BF077782.D
 Acq: 17 Mar 2015 20:14

Instrument :
 BNA_F
 ClientSampleId :
 PB82152BSD

Tot Ion:252 Resp: 89047
 Ion Ratio Lower Upper
 252 100
 254 64.1 51.9 77.9
 126 11.3 9.8 14.8

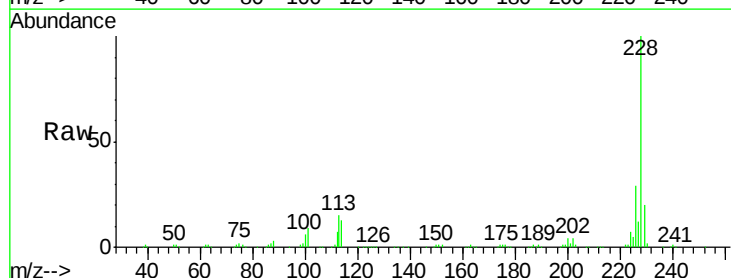


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

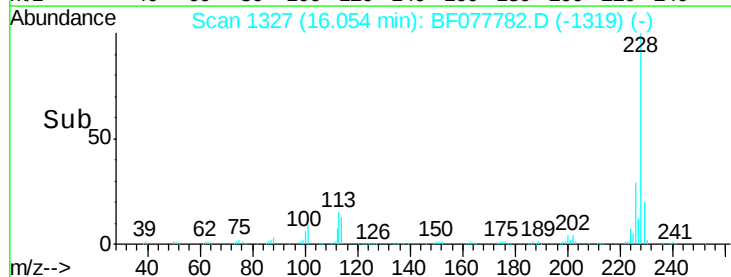
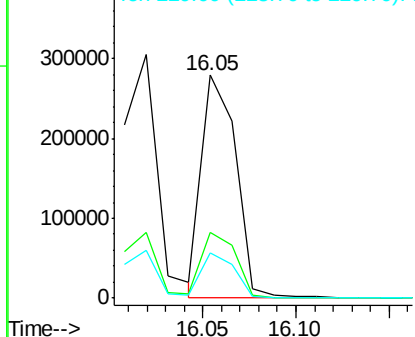


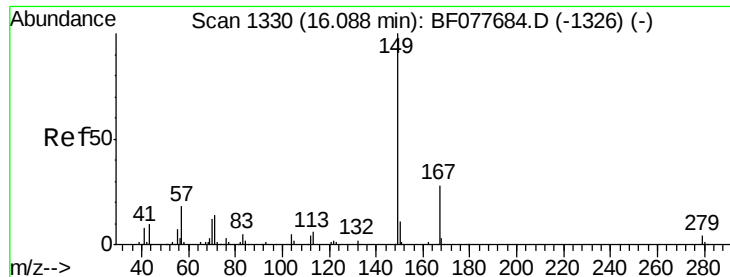
#82
 Chrysene
 Concen: 38.13 ng
 RT: 16.05 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: BF077782.D
 Acq: 17 Mar 2015 20:14

Tgt Ion:228 Resp: 354048
 Ion Ratio Lower Upper
 228 100
 226 29.4 24.1 36.1
 229 20.1 15.5 23.3



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

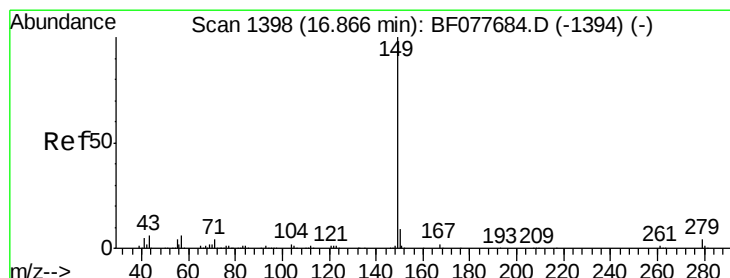
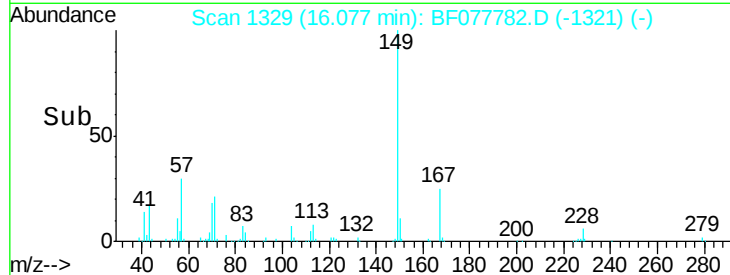
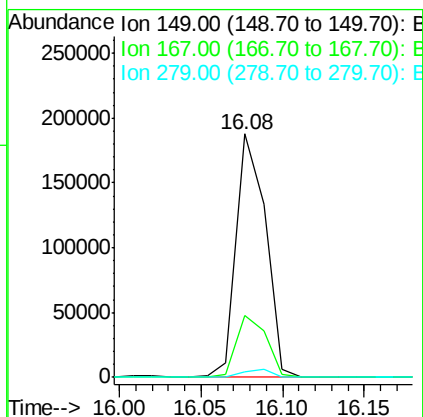
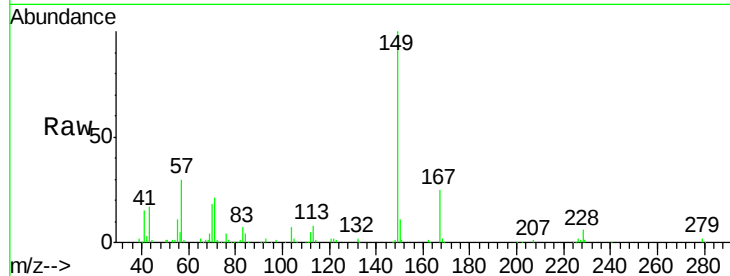




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 35.73 ng
 RT: 16.08 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: BF077782.D
 Acq: 17 Mar 2015 20:14

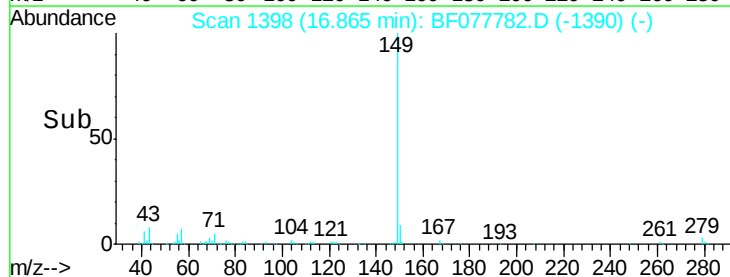
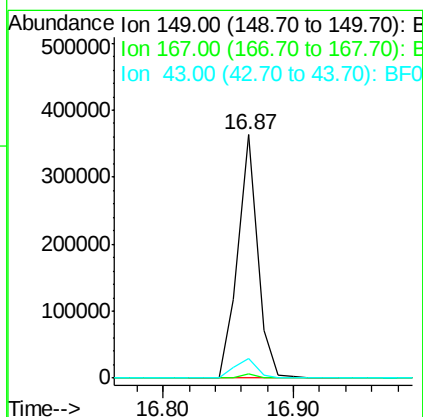
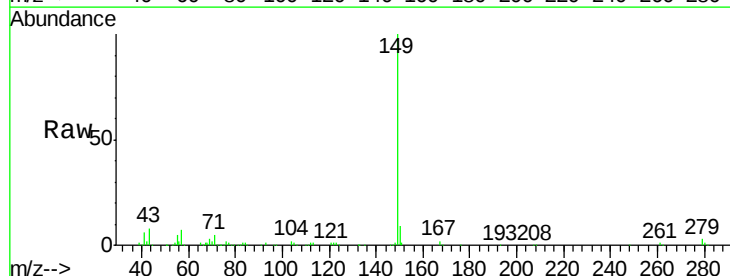
Instrument :
 BNA_F
 ClientSampleId :
 PB82152BSD

Tot Ion:149 Resp: 233750
 Ion Ratio Lower Upper
 149 100
 167 25.4 22.4 33.6
 279 2.2 3.4 5.0#



#84
 Di-n-octyl phthalate
 Concen: 34.44 ng
 RT: 16.87 min Scan# 1398
 Delta R.T. -0.01 min
 Lab File: BF077782.D
 Acq: 17 Mar 2015 20:14

Tgt Ion:149 Resp: 385302
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.4 7.3 10.9





#85

Indeno(1,2,3-cd)pyrene

Concen: 34.91 ng

RT: 19.12 min Scan# 1595

Delta R.T. -0.02 min

Lab File: BF077782.D

Acq: 17 Mar 2015 20:14

Instrument :

BNA_F

ClientSampleId :

PB82152BSD

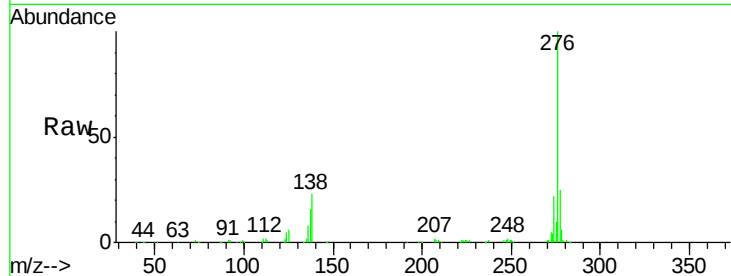
Tot Ion:276 Resp: 404559

Ion Ratio Lower Upper

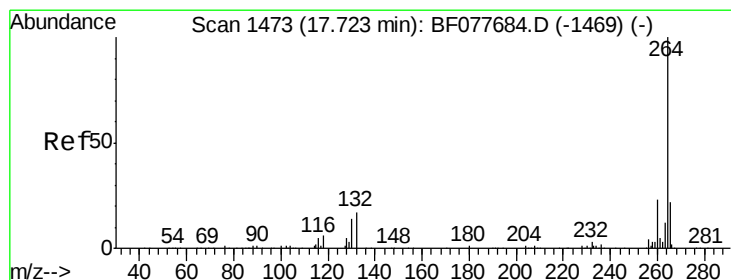
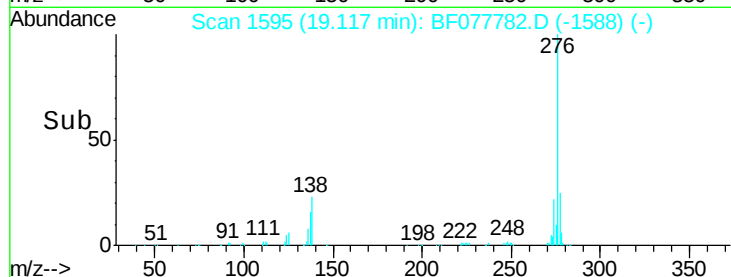
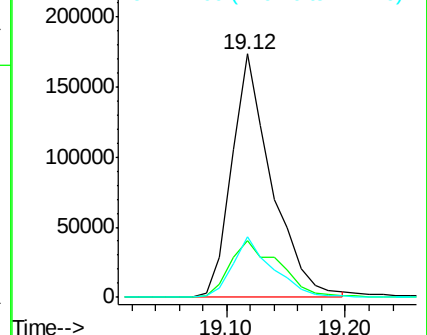
276 100

138 28.8 0.0 0.0#

277 25.0 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 17.72 min Scan# 1473

Delta R.T. -0.02 min

Lab File: BF077782.D

Acq: 17 Mar 2015 20:14

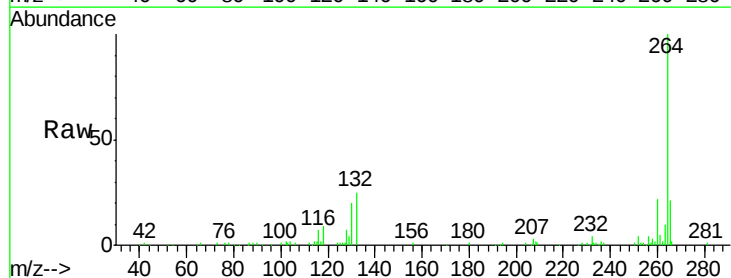
Tgt Ion:264 Resp: 161644

Ion Ratio Lower Upper

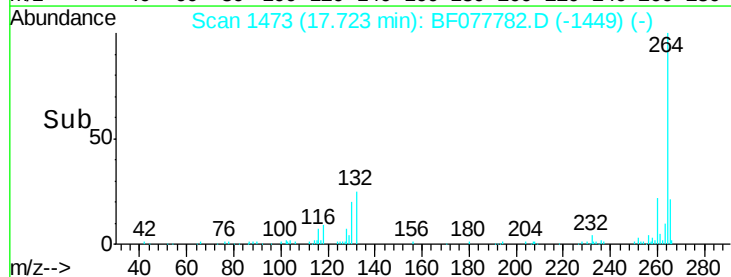
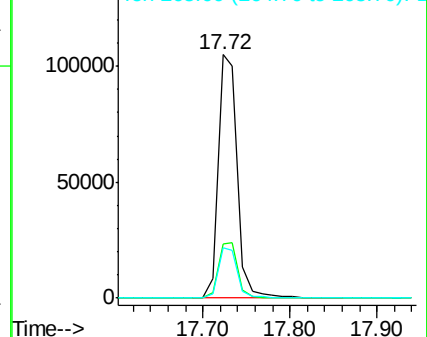
264 100

260 22.2 18.6 27.8

265 20.8 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

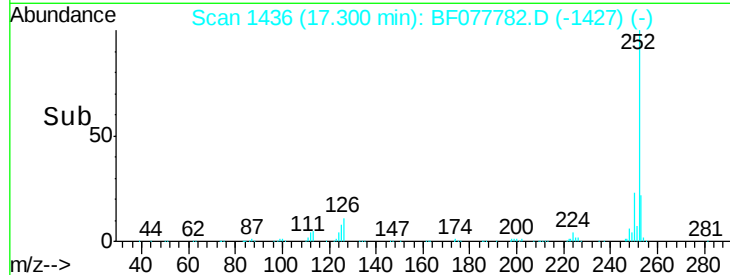
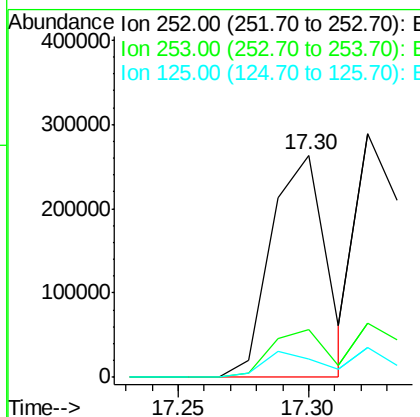
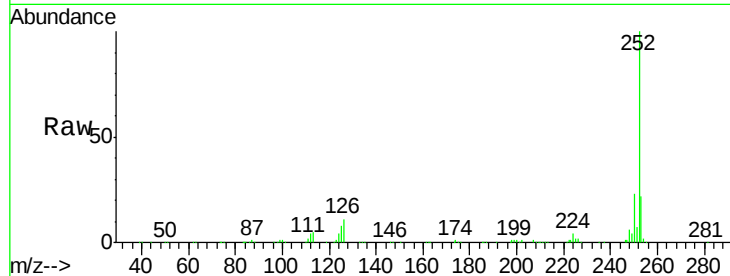




#87
Benzo(b)fluoranthene
Concen: 36.29 ng
RT: 17.30 min Scan# 1436
Delta R.T. -0.00 min
Lab File: BF077782.D
Acq: 17 Mar 2015 20:14

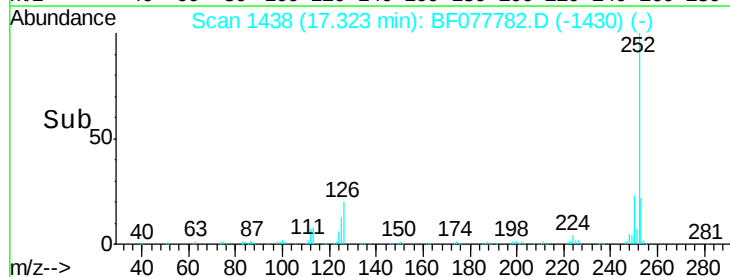
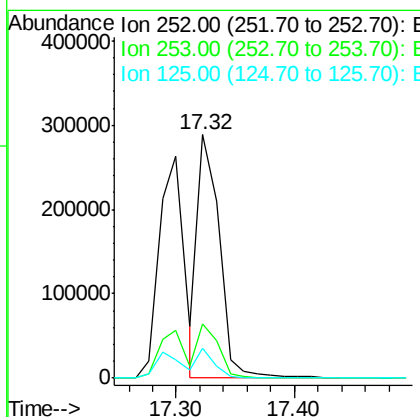
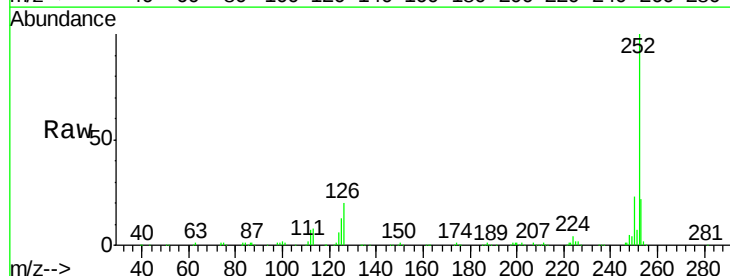
Instrument :
BNA_F
ClientSampleId :
PB82152BSD

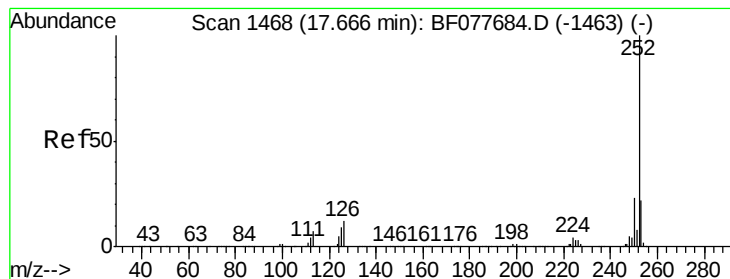
Tot Ion:252 Resp: 382987
Ion Ratio Lower Upper
252 100
253 21.6 18.0 27.0
125 8.3 9.9 14.9#



#88
Benzo(k)fluoranthene
Concen: 45.30 ng m
RT: 17.32 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF077782.D
Acq: 17 Mar 2015 20:14

Tgt Ion:252 Resp: 373431
Ion Ratio Lower Upper
252 100
253 22.2 17.2 25.8
125 12.5 8.1 12.1#





#89

Benzo(a)pyrene

Concen: 41.31 ng

RT: 17.67 min Scan# 1468

Delta R.T. -0.01 min

Lab File: BF077782.D

Acq: 17 Mar 2015 20:14

Instrument :

BNA_F

ClientSampleId :

PB82152BSD

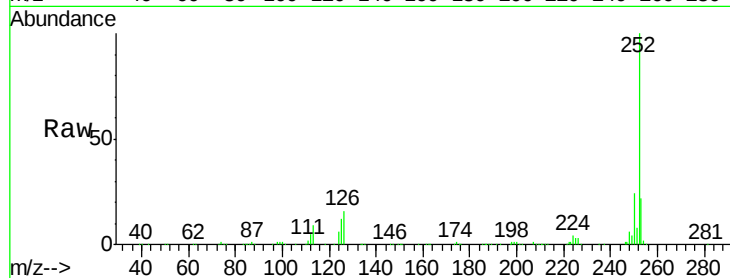
Tot Ion:252 Resp: 363754

Ion Ratio Lower Upper

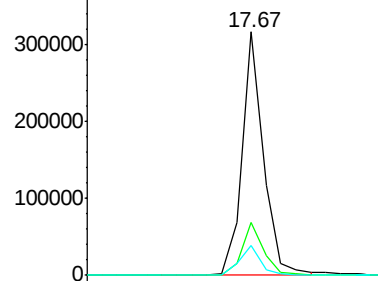
252 100

253 21.6 17.6 26.4

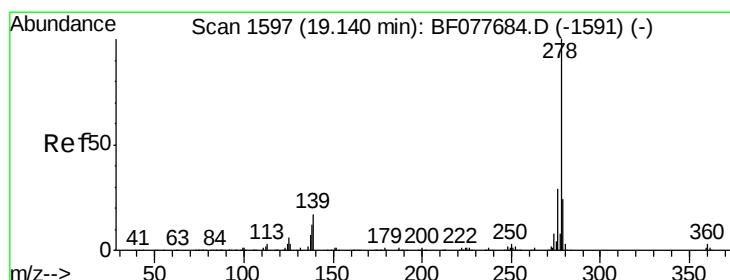
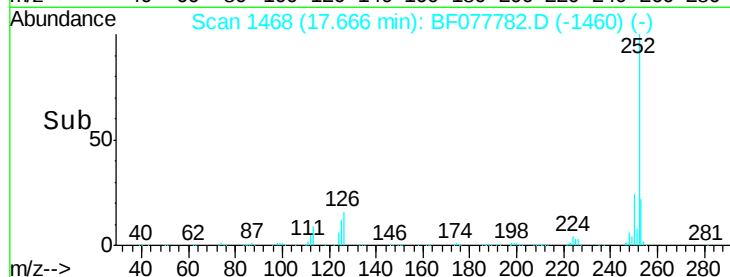
125 12.1 7.4 11.2#



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



Time-->



#90

Dibenzo(a,h)anthracene

Concen: 38.02 ng

RT: 19.15 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BF077782.D

Acq: 17 Mar 2015 20:14

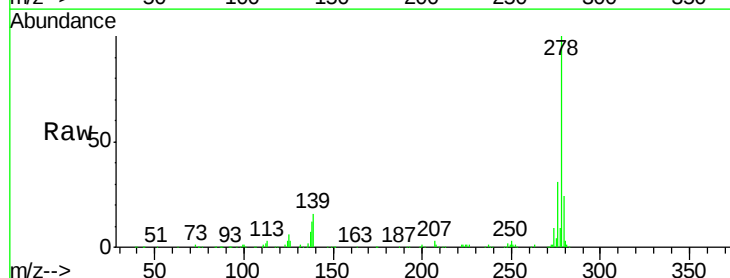
Tgt Ion:278 Resp: 332048

Ion Ratio Lower Upper

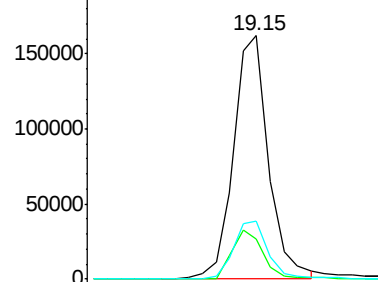
278 100

139 16.3 13.4 20.0

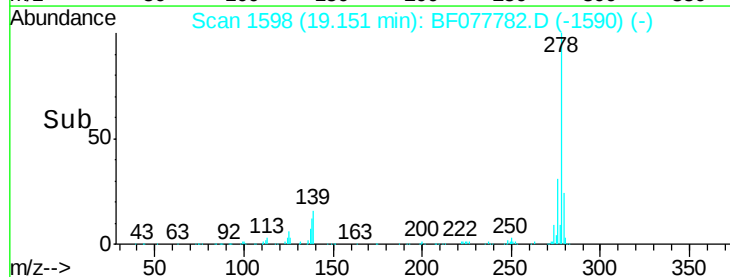
279 23.9 19.0 28.4

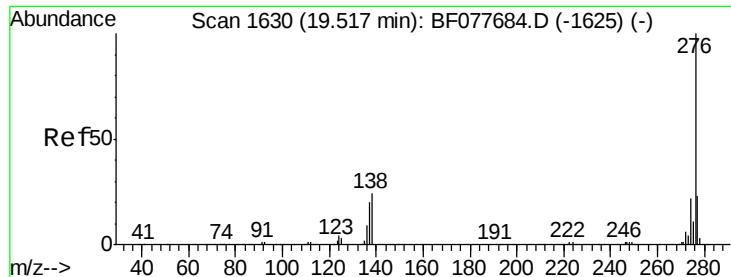


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



Time-->





#91

Benzo(a,h,i)perylene

Concen: 38.67 ng

RT: 19.53 min Scan# 1631

Delta R.T. -0.02 min

Lab File: BF077782.D

Acq: 17 Mar 2015 20:14

Instrument :

BNA_F

ClientSampleId :

PB82152BSD

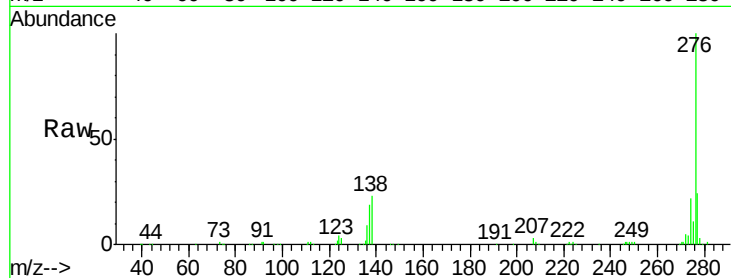
Tot Ion:276 Resp: 343766

Ion Ratio Lower Upper

276 100

277 23.9 18.5 27.7

138 23.1 19.0 28.6



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

