

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031815\
 Data File : BF077815.D
 Acq On : 19 Mar 2015 2:22
 Operator : TP/IZ
 Sample : PB82167BSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82167BSD

Quant Time: Mar 19 03:45:42 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 19 04:21:27 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.16	152	37831	20.00	ng	0.00
21) Naphthalene-d8	8.74	136	149712	20.00	ng	0.00
38) Acenaphthene-d10	10.91	164	74293	20.00	ng	0.00
63) Phenanthrene-d10	12.74	188	144124	20.00	ng	0.00
75) Chrysene-d12	16.03	240	166055	20.00	ng	0.00
86) Perylene-d12	17.78	264	164967	20.00	ng	0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	275362	127.05	ng	0.01
7) Phenol-d6	6.73	99	361561	135.02	ng	0.00
23) Nitrobenzene-d5	7.85	82	189167	82.83	ng	-0.01
41) 2,4,6-Tribromophenol	11.88	330	86607	121.84	ng	0.00
44) 2-Fluorobiphenyl	10.09	172	430512	85.16	ng	0.00
78) Terphenyl-d14	14.74	244	542809	79.85	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.05	88	34697	35.26	ng	# 100
3) Pyridine	2.75	79	83880	31.73	ng	97
4) n-Nitrosodimethylamine	2.67	42	42423	36.85	ng	93
6) Aniline	6.75	93	57044	14.89	ng	# 70
8) 2-Chlorophenol	6.89	128	106265	41.19	ng	98
9) Benzaldehyde	6.60	77	6347	5.79	ng	95
10) Phenol	6.74	94	129683	40.97	ng	84
11) bis(2-Chloroethyl)ether	6.85	93	95059	40.09	ng	99
12) 1,3-Dichlorobenzene	7.08	146	111506	38.86	ng	100
13) 1,4-Dichlorobenzene	7.18	146	109989	36.89	ng	99
14) 1,2-Dichlorobenzene	7.37	146	104462	38.22	ng	99
15) Benzyl Alcohol	7.34	79	81578	39.03	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.53	45	123669	38.71	ng	100
17) 2-Methylphenol	7.49	107	82837	39.44	ng	97
18) Hexachloroethane	7.78	117	36325	37.15	ng	97
19) n-Nitroso-di-n-propylamine	7.68	70	67649	36.52	ng	99
20) 3+4-Methylphenols	7.69	107	109491	39.73	ng	97
22) Acetophenone	7.66	105	136842	41.29	ng	# 97
24) Nitrobenzene	7.87	77	97588	39.66	ng	99
25) Isophorone	8.18	82	184039	39.90	ng	99
26) 2-Nitrophenol	8.27	139	49528	41.12	ng	96
27) 2,4-Dimethylphenol	8.34	122	95945	43.72	ng	98
28) bis(2-Chloroethoxy)methane	8.46	93	113169	40.42	ng	98
29) 2,4-Dichlorophenol	8.57	162	91979	43.97	ng	99
30) 1,2,4-Trichlorobenzene	8.67	180	91924	39.28	ng	99
31) Naphthalene	8.76	128	307060	39.93	ng	100
32) Benzoic acid	8.45	122	38113	32.22	ng	95
33) 4-Chloroaniline	8.84	127	53634	17.19	ng	97
34) Hexachlorobutadiene	8.92	225	48750	36.75	ng	98
35) Caprolactam	9.26	113	27908	45.65	ng	# 82
36) 4-Chloro-3-methylphenol	9.45	107	90834	43.16	ng	88
37) 2-Methylnaphthalene	9.62	142	208530	40.37	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.82	216	89061	40.19	ng	# 100
40) Hexachlorocyclopentadiene	9.81	237	84451	76.28	ng	98

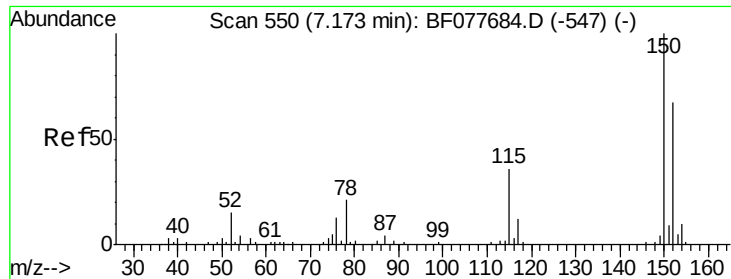
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031815\
 Data File : BF077815.D
 Acq On : 19 Mar 2015 2:22
 Operator : TP/IZ
 Sample : PB82167BSD
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 ALS Vial : 24 Sample Multiplier: 1

Instrument :
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Quant Time: Mar 19 03:45:42 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 19 04:21:27 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.97	196	61176	39.86	ng	98
43) 2,4,5-Trichlorophenol	10.02	196	68768	41.47	ng	# 90
45) 1,1'-Biphenyl	10.20	154	244924	41.24	ng	99
46) 2-Chloronaphthalene	10.22	162	196596	40.73	ng	97
47) 2-Nitroaniline	10.35	65	53377	44.53	ng	# 83
48) Acenaphthylene	10.73	152	304283	37.91	ng	99
49) Dimethylphthalate	10.59	163	226866	41.17	ng	99
50) 2,6-Dinitrotoluene	10.67	165	49448	43.29	ng	# 70
51) Acenaphthene	10.95	154	186485	40.53	ng	99
52) 3-Nitroaniline	10.87	138	34217	25.79	ng	92
53) 2,4-Dinitrophenol	11.00	184	36824	86.98	ng	# 75
54) Dibenzofuran	11.16	168	293314	42.98	ng	97
55) 4-Nitrophenol	11.08	139	85616	87.13	ng	# 70
56) 2,4-Dinitrotoluene	11.16	165	70195	47.13	ng	# 75
57) Fluorene	11.59	166	232287	40.99	ng	100
58) 2,3,4,6-Tetrachlorophenol	11.32	232	54078	42.35	ng	# 100
59) Diethylphthalate	11.47	149	226319	42.15	ng	97
60) 4-Chlorophenyl-phenylether	11.60	204	106483	41.17	ng	95
61) 4-Nitroaniline	11.62	138	58024	43.89	ng	85
62) Azobenzene	11.79	77	215123	41.92	ng	94
64) 4,6-Dinitro-2-methylphenol	11.67	198	25636	38.60	ng	# 69
65) n-Nitrosodiphenylamine	11.75	169	209879	43.73	ng	98
66) 4-Bromophenyl-phenylether	12.20	248	64160	41.71	ng	# 91
67) Hexachlorobenzene	12.26	284	69125	40.90	ng	# 93
68) Atrazine	12.42	200	63228	47.01	ng	95
69) Pentachlorophenol	12.51	266	72613	81.96	ng	96
70) Phenanthrene	12.77	178	361548	43.70	ng	100
71) Anthracene	12.84	178	359775	44.01	ng	99
72) Carbazole	13.05	167	355098	45.67	ng	99
73) Di-n-butylphthalate	13.51	149	353193	40.51	ng	99
74) Fluoranthene	14.25	202	393494	43.12	ng	97
76) Benzidine	14.43	184	125043	30.32	ng	98
77) Pyrene	14.53	202	423300	40.54	ng	100
79) Butylbenzylphthalate	15.37	149	162804	39.54	ng	94
80) Benzo(a)anthracene	16.02	228	402224	40.86	ng	100
81) 3,3'-Dichlorobenzidine	16.01	252	64421	19.84	ng	98
82) Chrysene	16.07	228	394692	44.59	ng	99
83) Bis(2-ethylhexyl)phthalate	16.09	149	232166	37.23	ng	# 96
84) Di-n-octyl phthalate	16.89	149	388486	36.43	ng	100
85) Indeno(1,2,3-cd)pyrene	19.17	276	455117	41.20	ng	# 100
87) Benzo(b)fluoranthene	17.33	252	407475	37.84	ng	# 96
88) Benzo(k)fluoranthene	17.33	252	407475	48.44	ng	99
89) Benzo(a)pyrene	17.71	252	397994	44.29	ng	# 95
90) Dibenzo(a,h)anthracene	19.21	278	380746	42.72	ng	99
91) Benzo(g,h,i)perylene	19.59	276	389913	42.97	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.16 min Scan# 549

Delta R.T. 0.00 min

Lab File: BF077815.D

Acq: 19 Mar 2015 2:22

Instrument :

BNA_F

ClientSampleId :

PB82167BSD

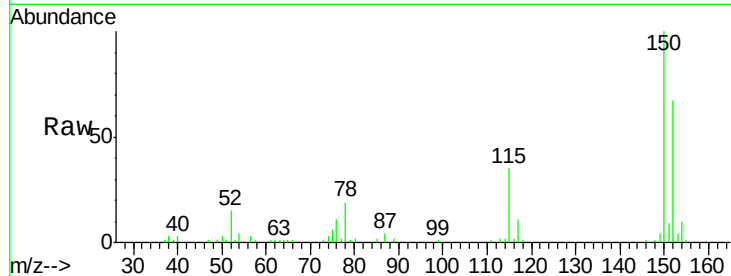
Tgt Ion:152 Resp: 37831

Ion Ratio Lower Upper

152 100

150 149.0 119.5 179.3

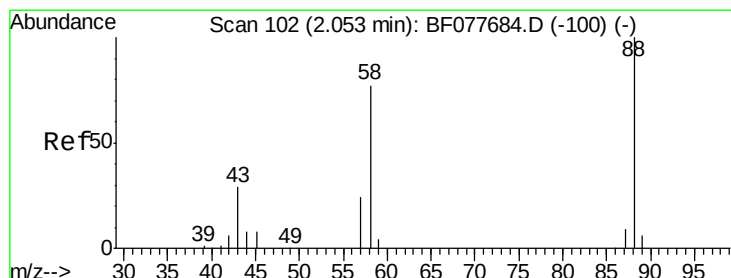
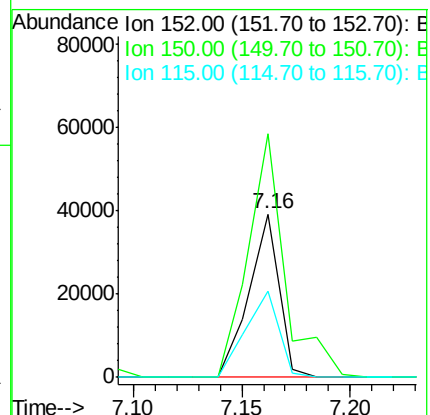
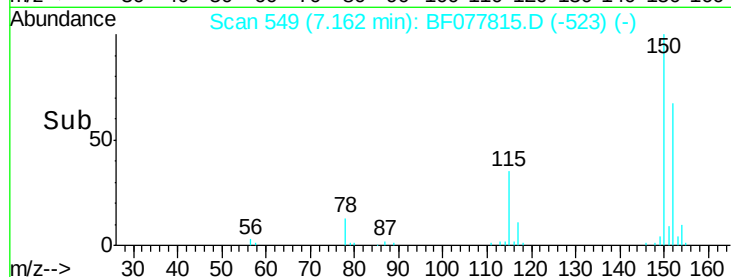
115 52.8 43.0 64.4



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: 35.26 ng

RT: 2.05 min Scan# 102

Delta R.T. 0.01 min

Lab File: BF077815.D

Acq: 19 Mar 2015 2:22

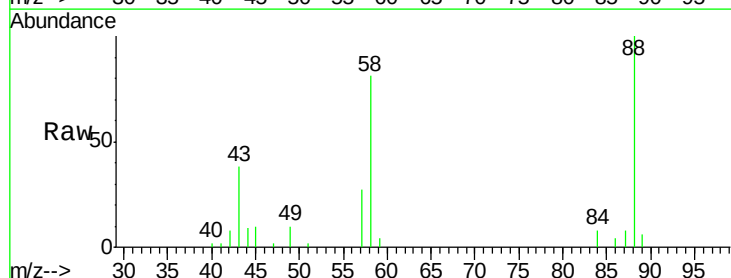
Tgt Ion: 88 Resp: 34697

Ion Ratio Lower Upper

88 100

58 72.9 0.0 0.0#

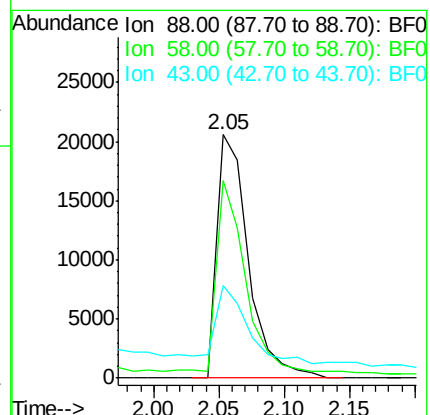
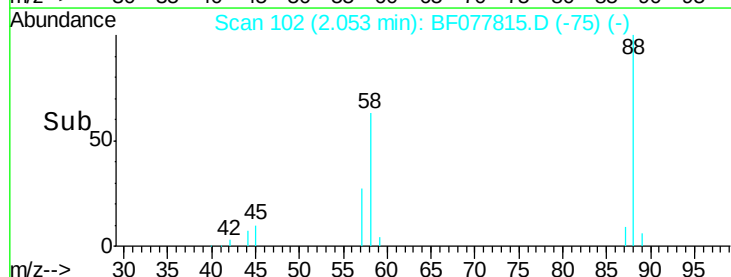
43 41.0 0.0 0.0#

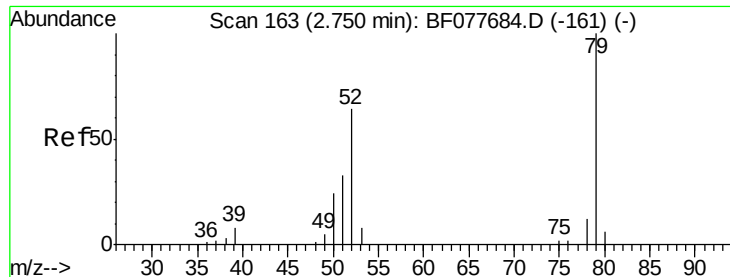


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 31.73 ng

RT: 2.75 min Scan# 163

Delta R.T. 0.02 min

Lab File: BF077815.D

Acq: 19 Mar 2015 2:22

Instrument :

BNA_F

ClientSampleId :

PB82167BSD

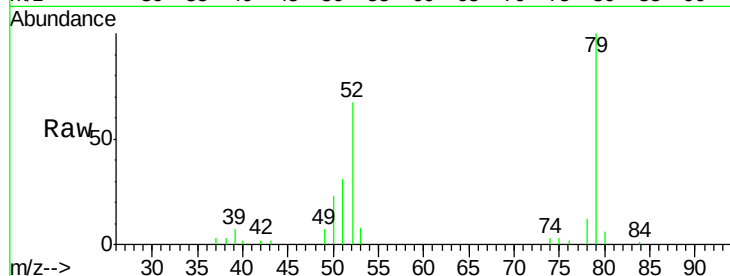
Tgt Ion: 79 Resp: 83880

Ion Ratio Lower Upper

79 100

52 66.7 51.1 76.7

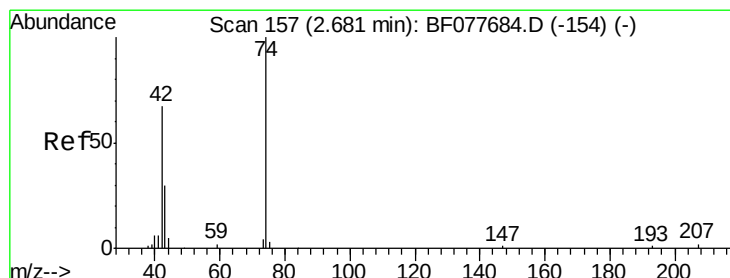
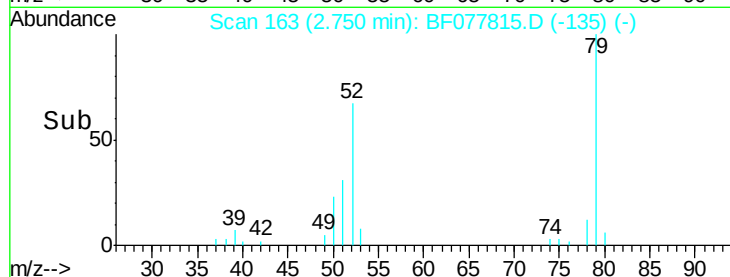
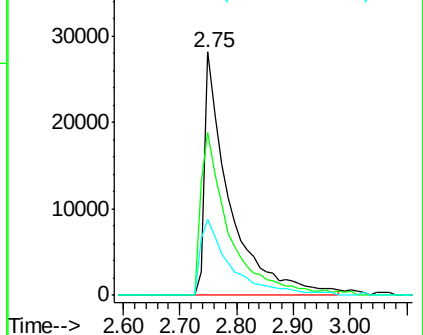
51 31.3 26.1 39.1



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 36.85 ng

RT: 2.67 min Scan# 156

Delta R.T. 0.01 min

Lab File: BF077815.D

Acq: 19 Mar 2015 2:22

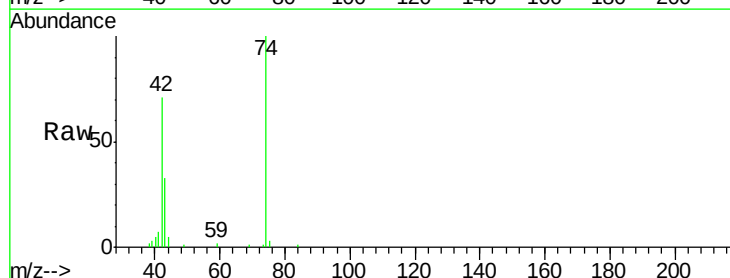
Tgt Ion: 42 Resp: 42423

Ion Ratio Lower Upper

42 100

74 140.4 119.3 178.9

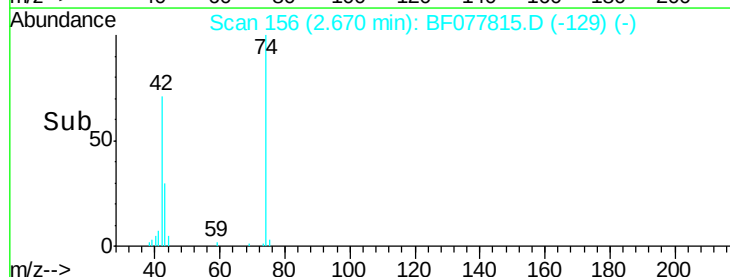
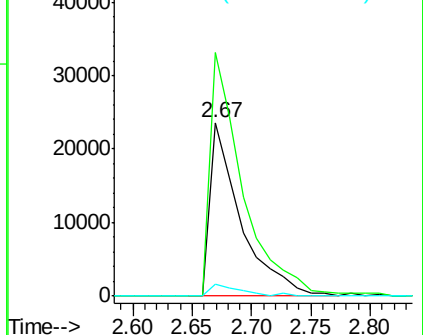
44 6.8 5.4 8.2

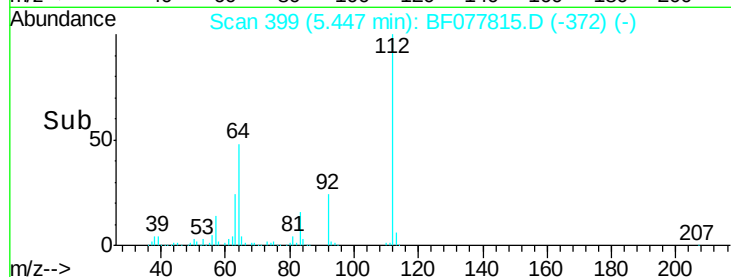
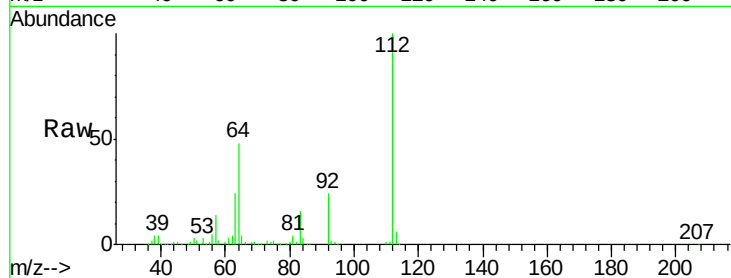
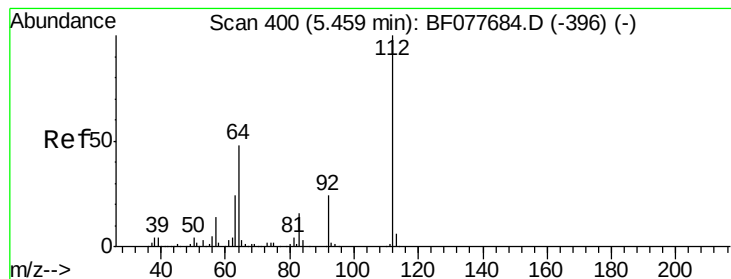


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 127.05 ng

RT: 5.45 min Scan# 399

Delta R.T. 0.01 min

Lab File: BF077815.D

Acq: 19 Mar 2015 2:22

Instrument :

BNA_F

ClientSampleId :

PB82167BSD

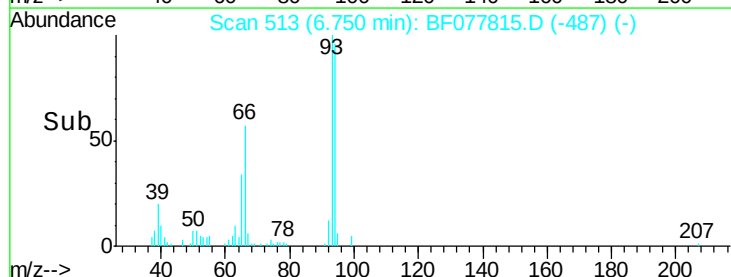
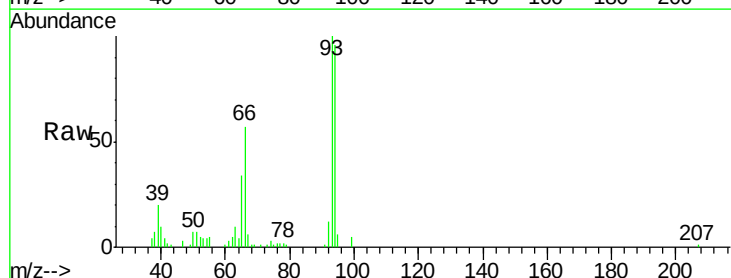
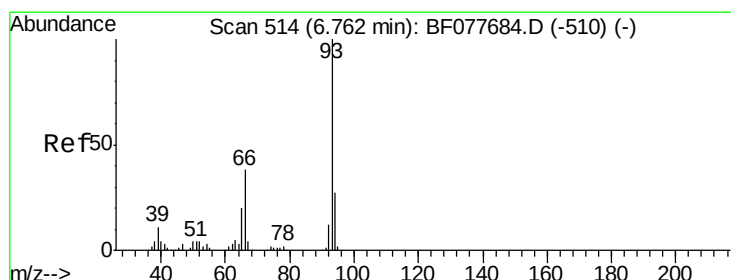
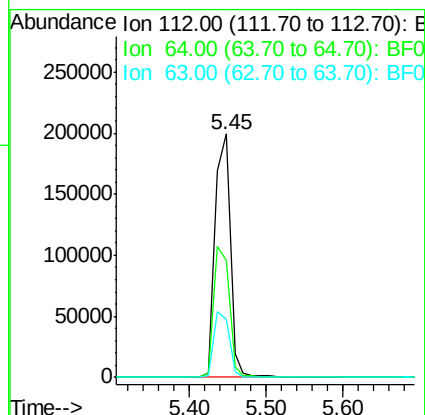
Tgt Ion: 112 Resp: 275362

Ion Ratio Lower Upper

112 100

64 48.0 38.6 57.8

63 23.9 19.3 28.9



#6

Aniline

Concen: 14.89 ng

RT: 6.75 min Scan# 513

Delta R.T. 0.00 min

Lab File: BF077815.D

Acq: 19 Mar 2015 2:22

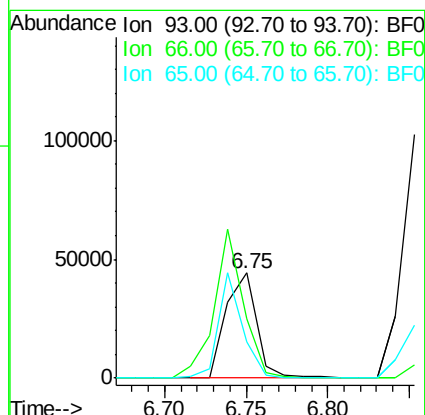
Tgt Ion: 93 Resp: 57044

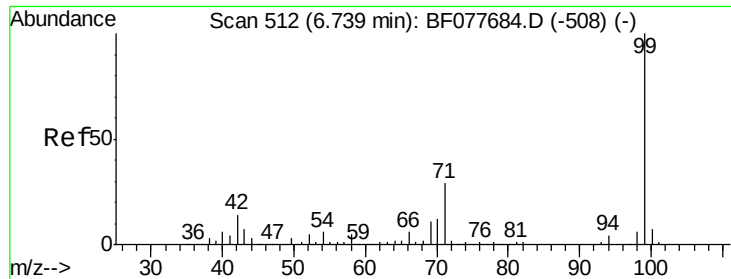
Ion Ratio Lower Upper

93 100

66 56.6 30.8 46.2#

65 34.4 16.0 24.0#





#7

Phenol-d6

Concen: 135.02 ng

RT: 6.73 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF077815.D

Acq: 19 Mar 2015 2:22

Instrument :

BNA_F

ClientSampleId :

PB82167BSD

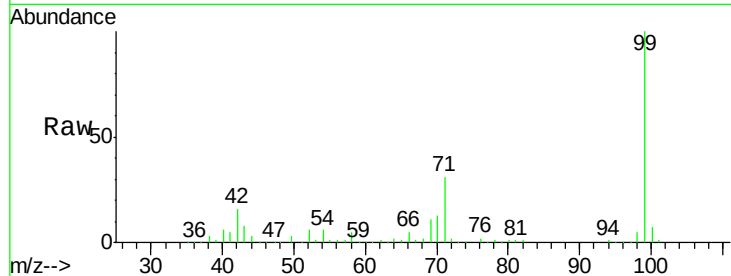
Tgt Ion: 99 Resp: 361561

Ion Ratio Lower Upper

99 100

42 15.5 11.0 16.4

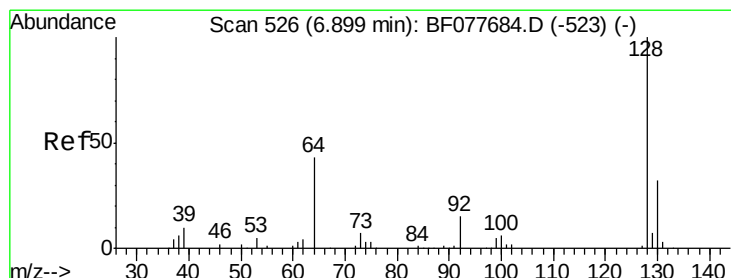
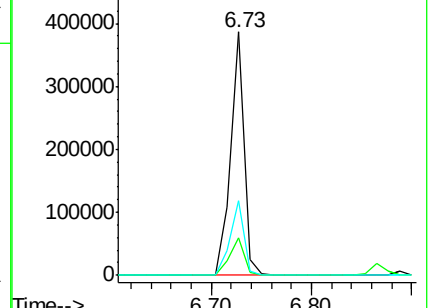
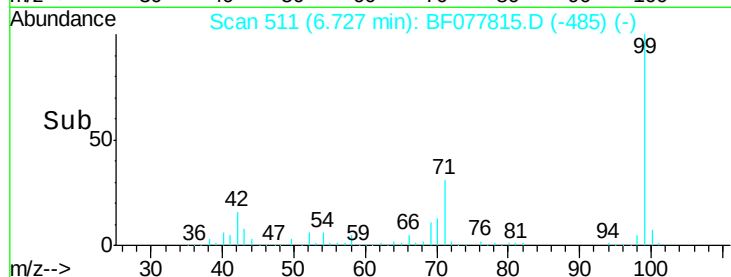
71 30.8 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BF077684.D (-508) (-)

Ion 42.00 (41.70 to 42.70): BF077684.D (-508) (-)

Ion 71.00 (70.70 to 71.70): BF077684.D (-508) (-)



#8

2-Chlorophenol

Concen: 41.19 ng

RT: 6.89 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF077815.D

Acq: 19 Mar 2015 2:22

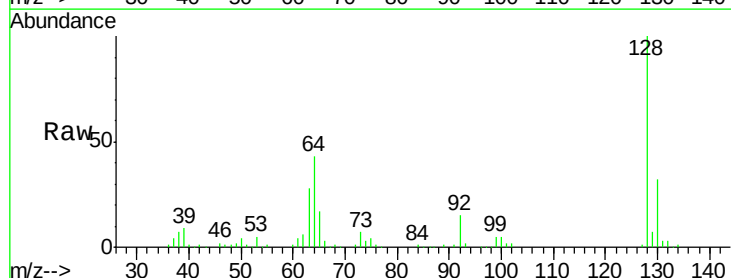
Tgt Ion: 128 Resp: 106265

Ion Ratio Lower Upper

128 100

130 32.0 12.0 52.0

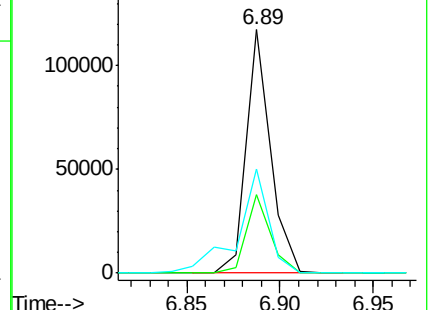
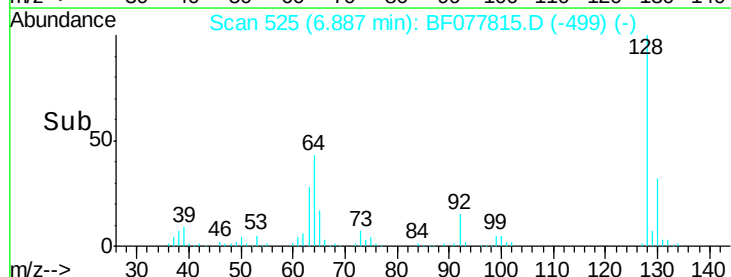
64 42.8 24.9 64.9

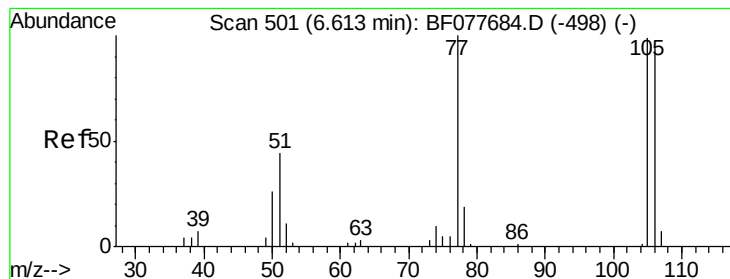


Abundance Ion 128.00 (127.70 to 128.70): BF077684.D (-523) (-)

Ion 130.00 (129.70 to 130.70): BF077684.D (-523) (-)

Ion 64.00 (63.70 to 64.70): BF077684.D (-523) (-)





#9

Benzaldehyde

Concen: 5.79 ng

RT: 6.60 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF077815.D

Acq: 19 Mar 2015 2:22

Instrument :

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PB82167BSD

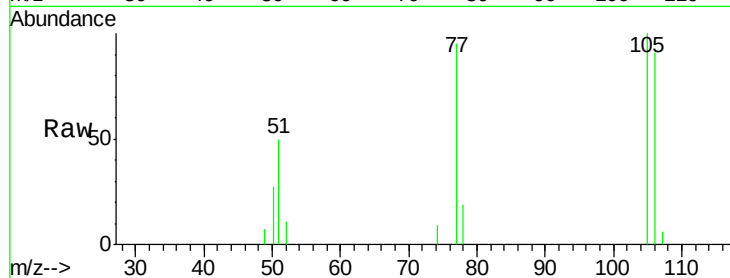
Tgt Ion: 77 Resp: 6347

Ion Ratio Lower Upper

77 100

105 105.4 78.8 118.8

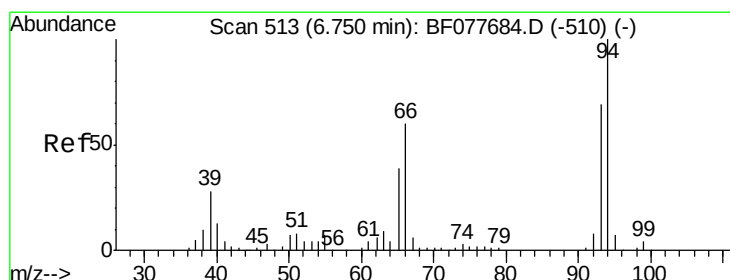
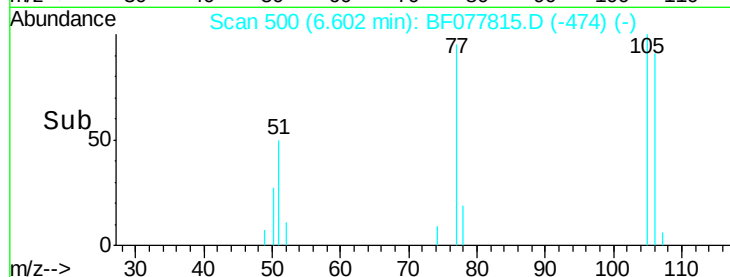
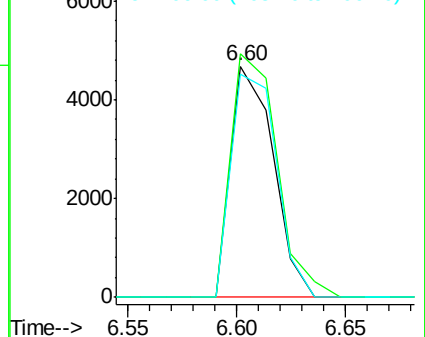
106 96.3 73.7 113.7



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: 40.97 ng

RT: 6.74 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF077815.D

Acq: 19 Mar 2015 2:22

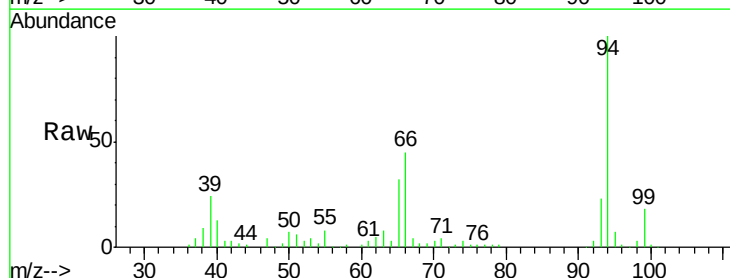
Tgt Ion: 94 Resp: 129683

Ion Ratio Lower Upper

94 100

65 32.0 18.8 58.8

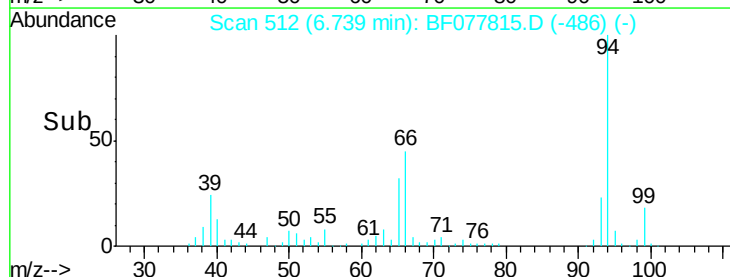
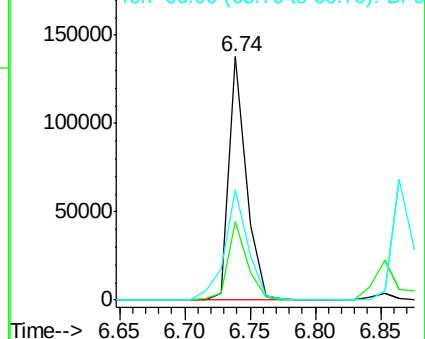
66 45.4 39.9 79.9

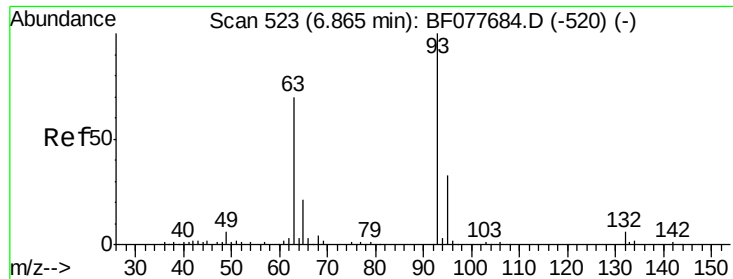


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

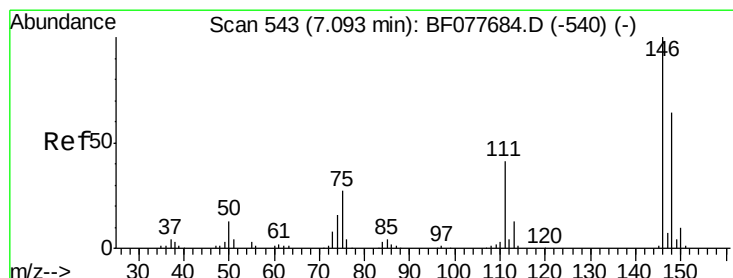
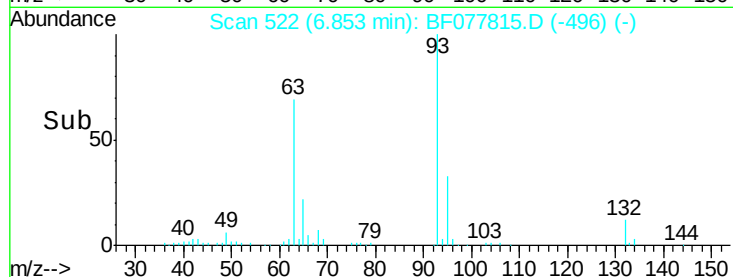
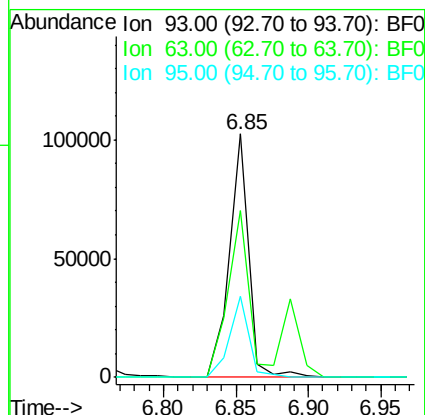
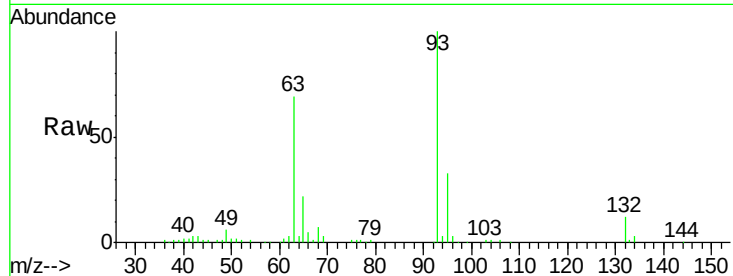




#11
bis(2-Chloroethyl)ether
Concen: 40.09 ng
RT: 6.85 min Scan# 522
Delta R.T. 0.00 min
Lab File: BF077815.D
Acq: 19 Mar 2015 2:22

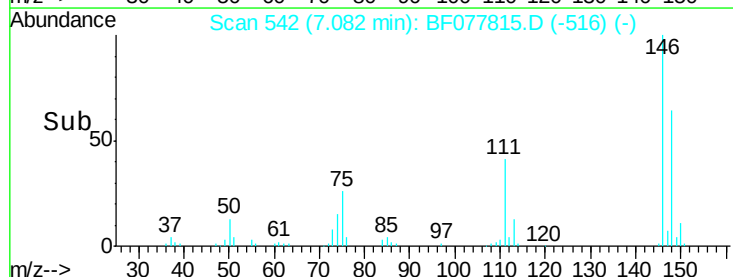
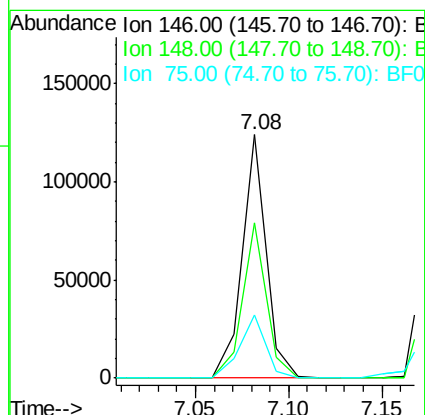
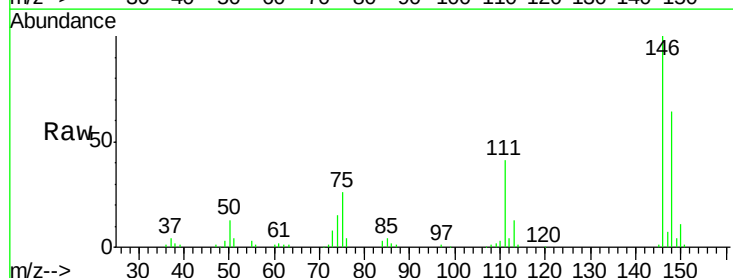
Instrument :
BNA_F
ClientSampleId :
PB82167BSD

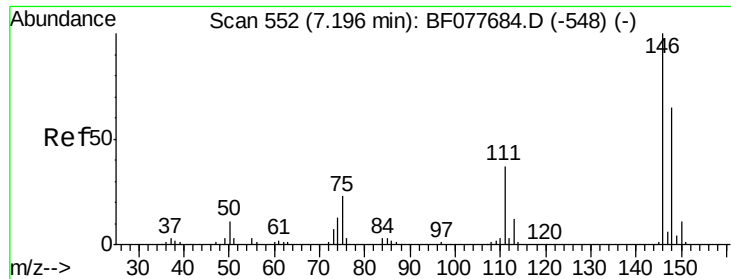
Tgt Ion	Ratio	Lower	Upper
93	100		
63	68.8	49.5	89.5
95	33.2	13.5	53.5



#12
1,3-Dichlorobenzene
Concen: 38.86 ng
RT: 7.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF077815.D
Acq: 19 Mar 2015 2:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.9	76.3
75	26.1	21.4	32.2

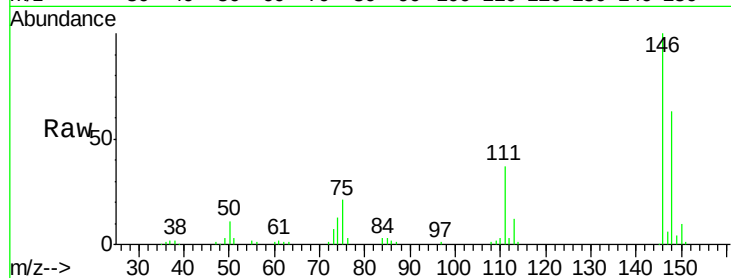




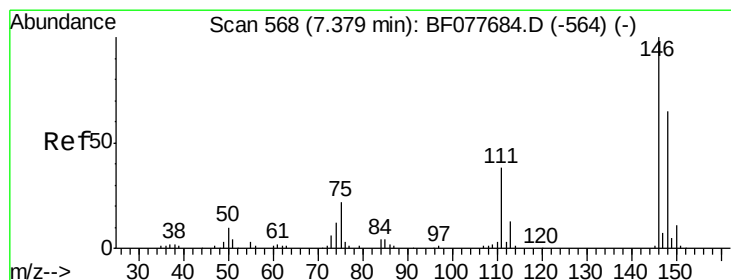
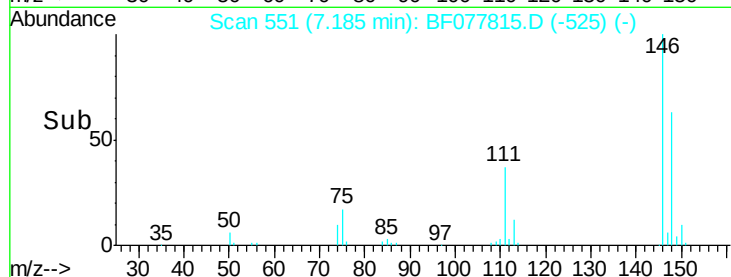
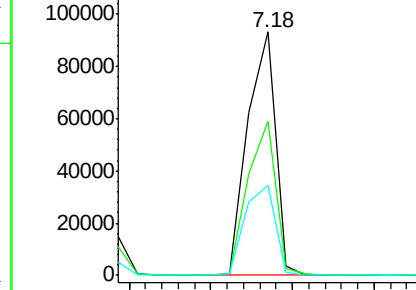
#13
 1,4-Dichlorobenzene
 Concen: 36.89 ng
 RT: 7.18 min Scan# 551
 Delta R.T. 0.00 min
 Lab File: BF077815.D
 Acq: 19 Mar 2015 2:22

Instrument :
 BNA_F
 ClientSampleId :
 PB82167BSD

Tgt Ion:146 Resp: 109989
 Ion Ratio Lower Upper
 146 100
 148 63.4 51.9 77.9
 111 36.7 29.2 43.8

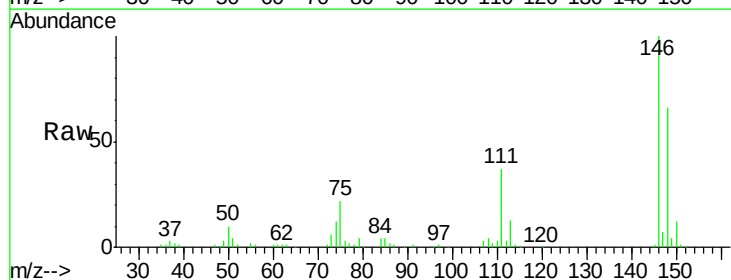


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

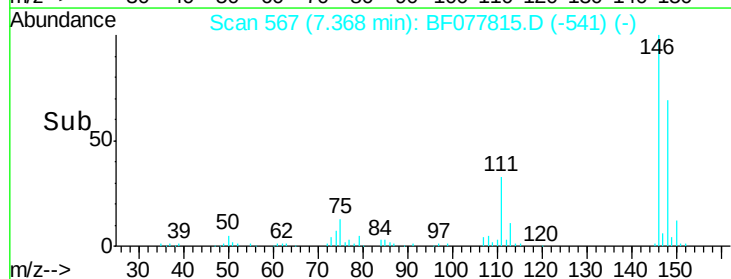
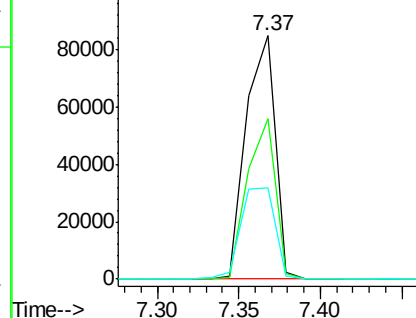


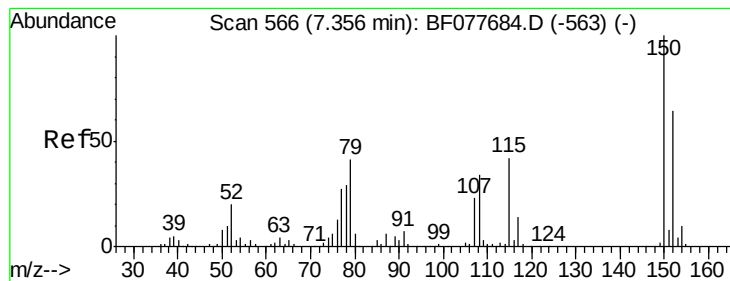
#14
 1,2-Dichlorobenzene
 Concen: 38.22 ng
 RT: 7.37 min Scan# 567
 Delta R.T. 0.00 min
 Lab File: BF077815.D
 Acq: 19 Mar 2015 2:22

Tgt Ion:146 Resp: 104462
 Ion Ratio Lower Upper
 146 100
 148 66.0 52.3 78.5
 111 37.3 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: 39.03 ng

RT: 7.34 min Scan# 565

Delta R.T. 0.00 min

Lab File: BF077815.D

Acq: 19 Mar 2015 2:22

Instrument :

BNA_F

ClientSampleId :

PB82167BSD

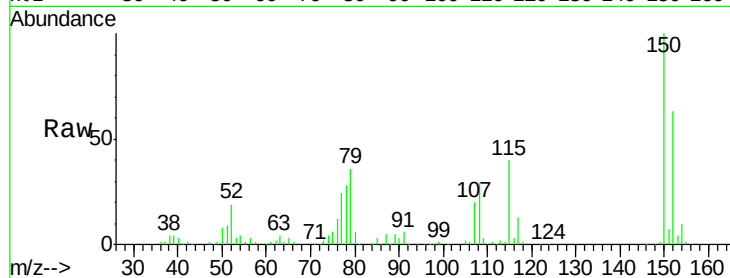
Tgt Ion: 79 Resp: 81578

Ion Ratio Lower Upper

79 100

108 79.6 65.0 97.4

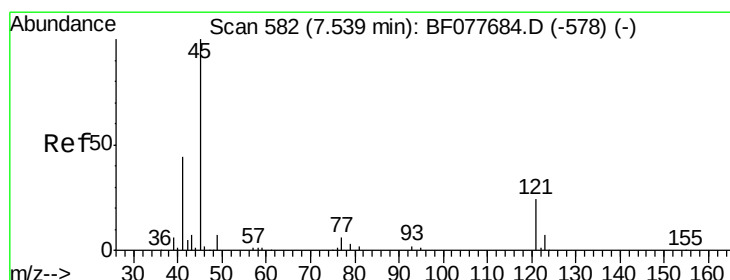
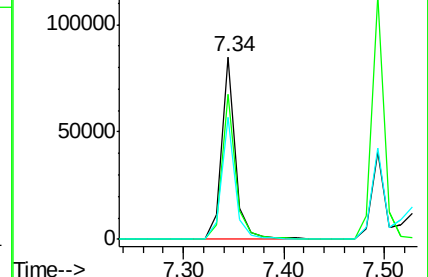
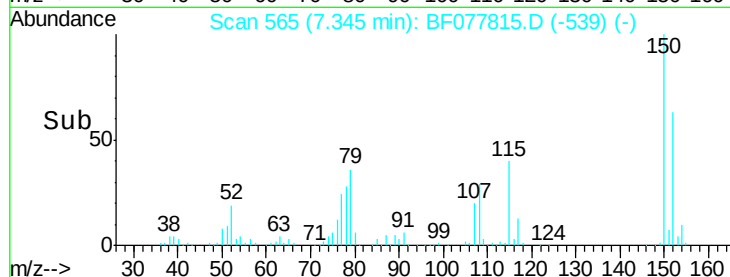
77 66.7 53.0 79.6



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.71 ng

RT: 7.53 min Scan# 581

Delta R.T. 0.00 min

Lab File: BF077815.D

Acq: 19 Mar 2015 2:22

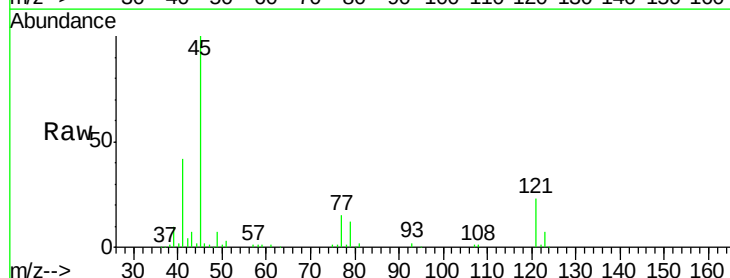
Tgt Ion: 45 Resp: 123669

Ion Ratio Lower Upper

45 100

77 15.1 0.0 35.2

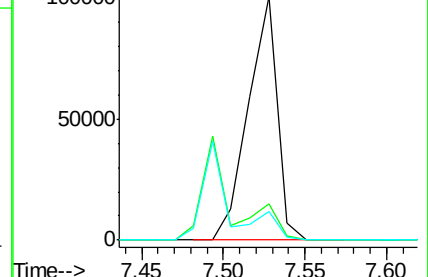
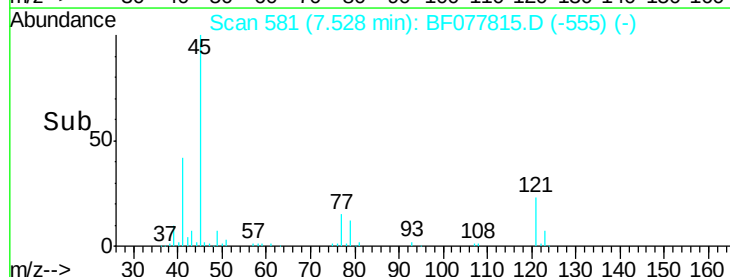
79 11.9 0.0 32.0

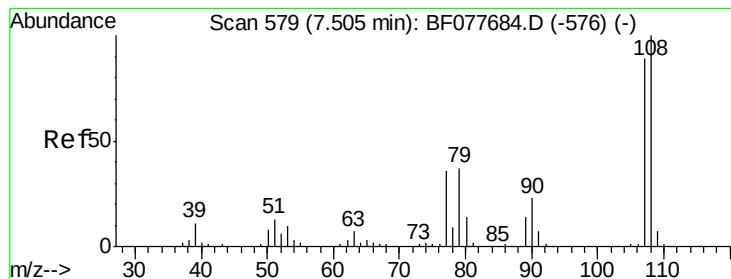


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 39.44 ng

RT: 7.49 min Scan# 578

Delta R.T. 0.00 min

Lab File: BF077815.D

Acq: 19 Mar 2015 2:22

Instrument :

BNA_F

ClientSampleId :

PB82167BSD

Tgt Ion:107 Resp: 82837

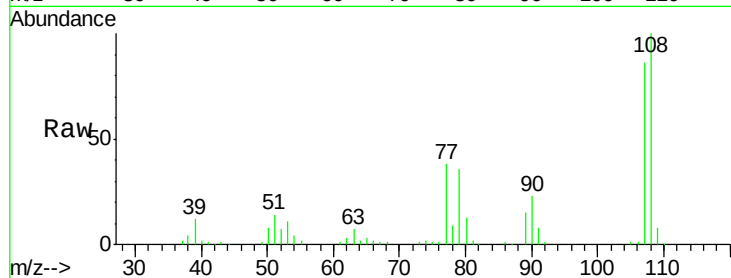
Ion Ratio Lower Upper

107 100

108 115.6 89.8 134.8

77 43.6 32.6 48.8

79 41.7 32.8 49.2

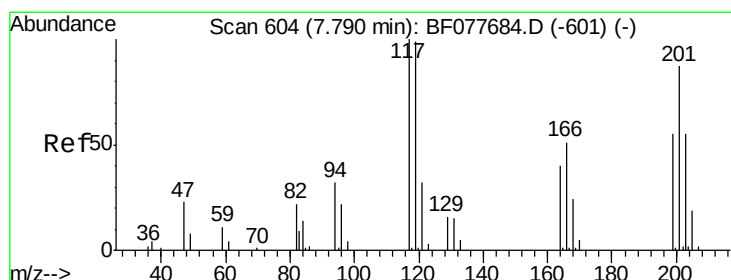
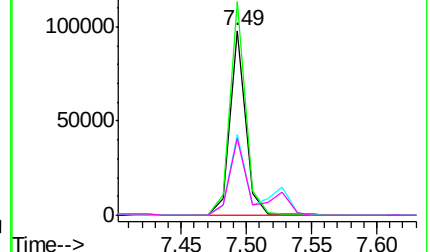
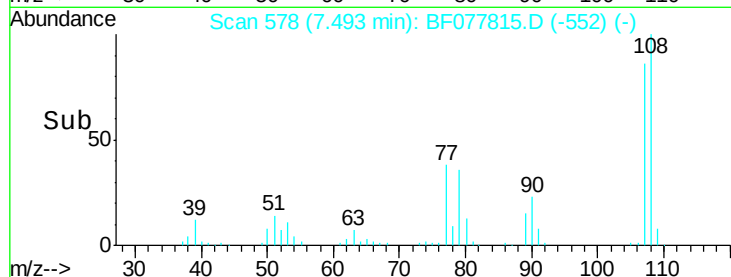


Abundance Ion 107.00 (106.70 to 107.70): E

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: 37.15 ng

RT: 7.78 min Scan# 603

Delta R.T. 0.00 min

Lab File: BF077815.D

Acq: 19 Mar 2015 2:22

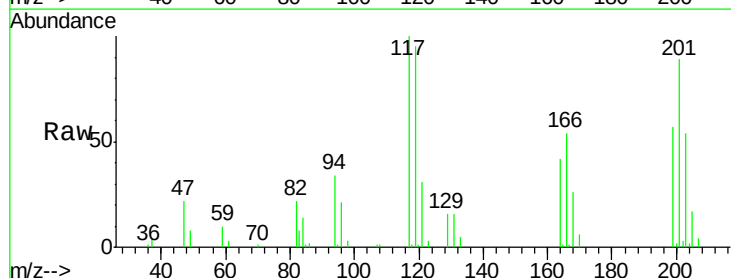
Tgt Ion:117 Resp: 36325

Ion Ratio Lower Upper

117 100

119 94.9 79.2 118.8

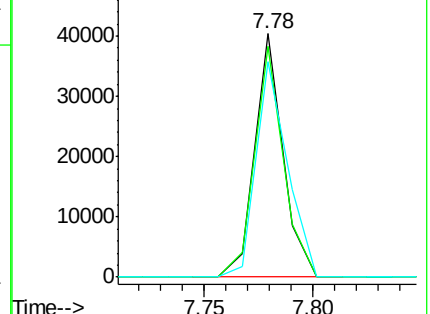
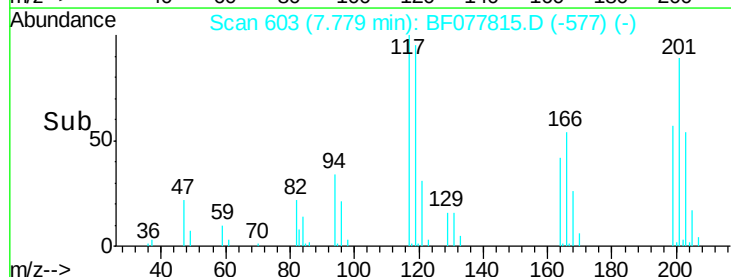
201 88.6 69.8 104.6

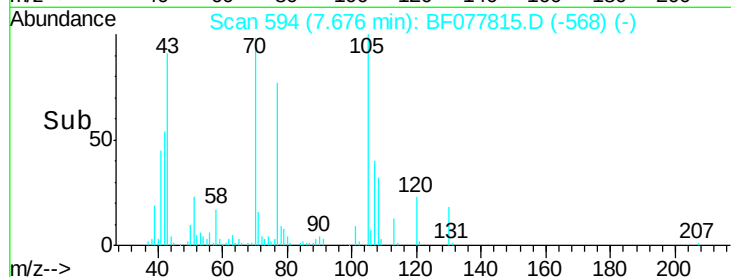
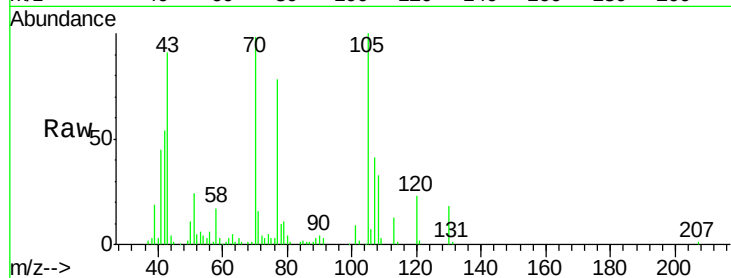
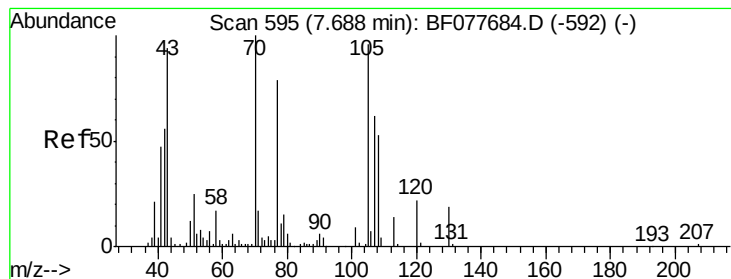


Abundance Ion 117.00 (116.70 to 117.70): E

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: 36.52 ng

RT: 7.68 min Scan# 594

Delta R.T. 0.00 min

Lab File: BF077815.D

Acq: 19 Mar 2015 2:22

Instrument :

BNA_F

ClientSampleId :

PB82167BSD

Tgt Ion: 70 Resp: 67649

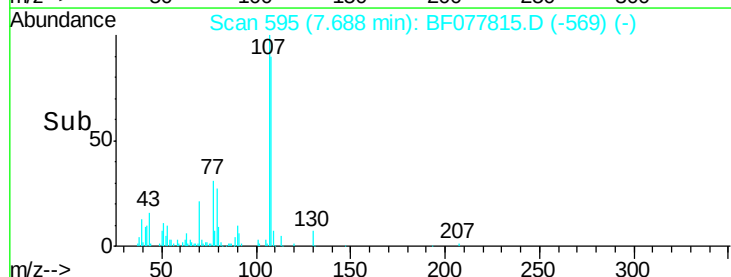
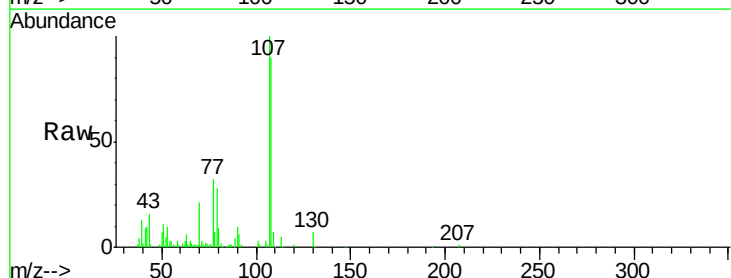
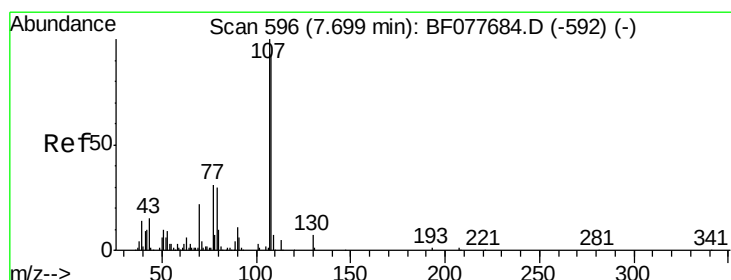
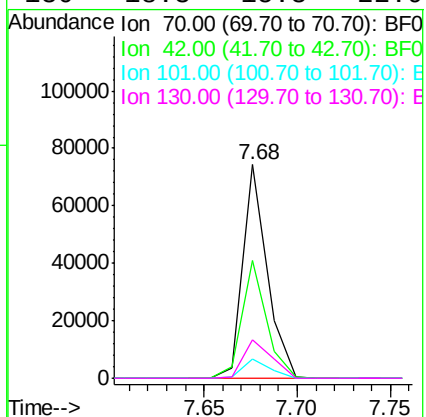
Ion Ratio Lower Upper

70 100

42 55.1 44.5 66.7

101 9.1 7.4 11.2

130 18.3 15.3 22.9



#20

3+4-Methylphenols

Concen: 39.73 ng

RT: 7.69 min Scan# 595

Delta R.T. 0.00 min

Lab File: BF077815.D

Acq: 19 Mar 2015 2:22

Tgt Ion: 107 Resp: 109491

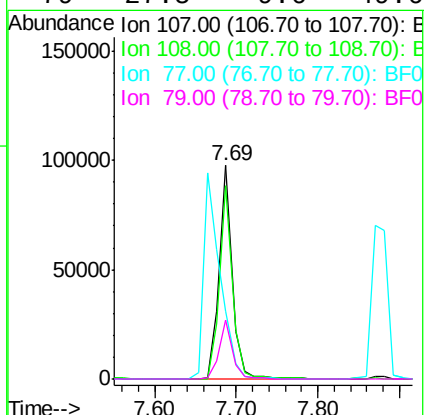
Ion Ratio Lower Upper

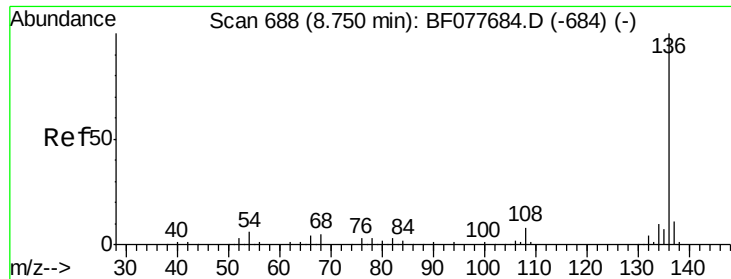
107 100

108 90.5 73.2 113.2

77 31.9 10.7 50.7

79 27.5 9.6 49.6

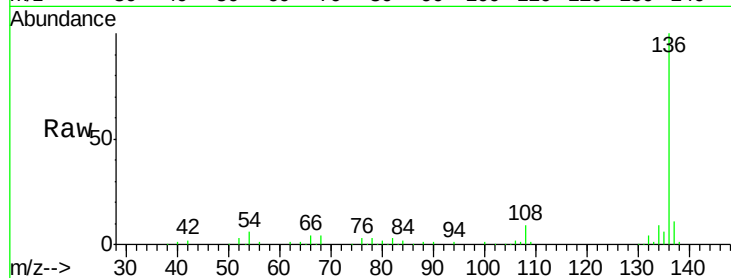




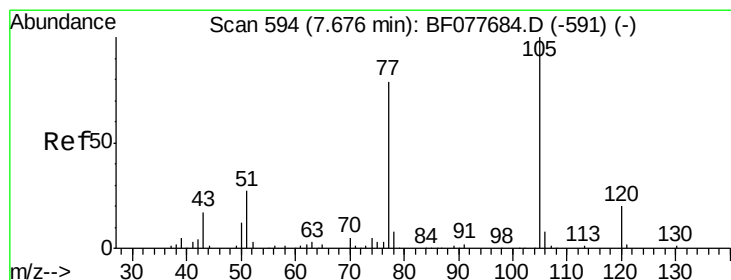
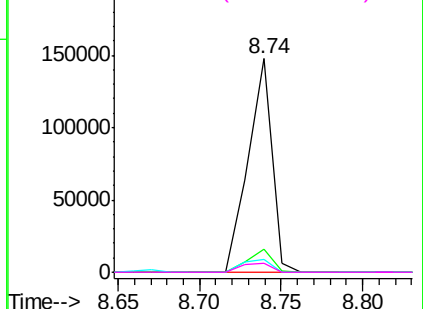
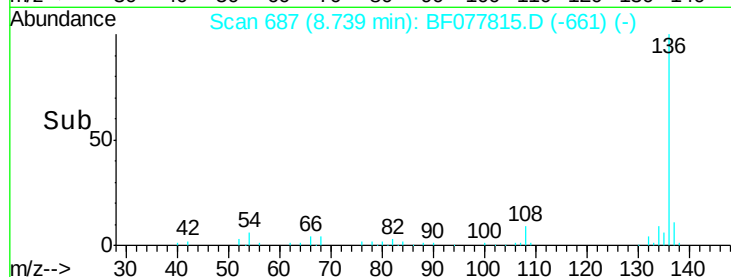
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.74 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF077815.D
Acq: 19 Mar 2015 2:22

Instrument :
BNA_F
ClientSampleId :
PB82167BSD

Tgt Ion:	136	Resp:	149712
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	5.8	4.6	6.8
68	4.4	3.7	5.5

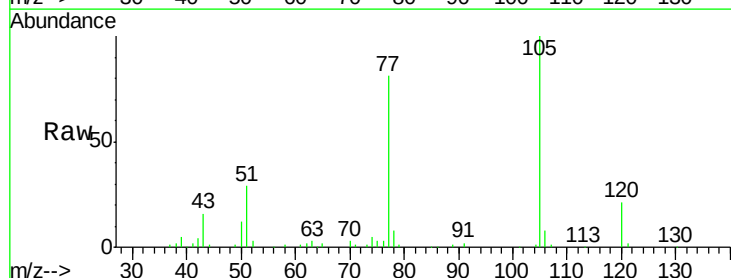


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

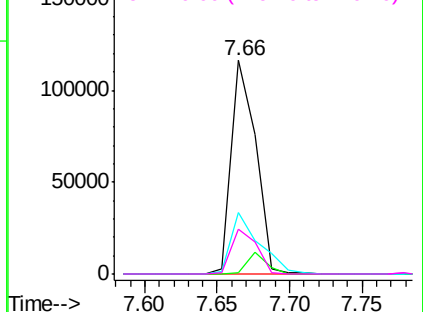
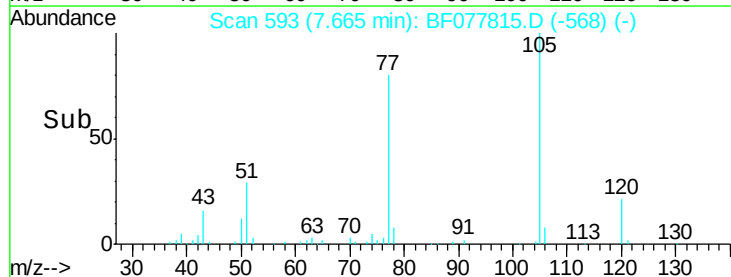


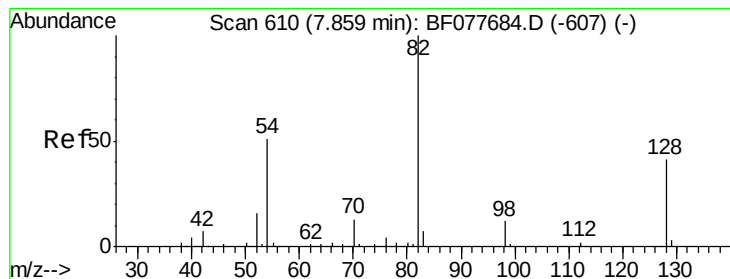
#22
Acetophenone
Concen: 41.29 ng
RT: 7.66 min Scan# 593
Delta R.T. -0.01 min
Lab File: BF077815.D
Acq: 19 Mar 2015 2:22

Tgt Ion:	105	Resp:	136842
Ion	Ratio	Lower	Upper
105	100		
71	0.6	0.6	1.0#
51	29.0	21.6	32.4
120	20.7	16.1	24.1



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 82.83 ng

RT: 7.85 min Scan# 609

Delta R.T. -0.01 min

Lab File: BF077815.D

Acq: 19 Mar 2015 2:22

Instrument :

BNA_F

ClientSampleId :

PB82167BSD

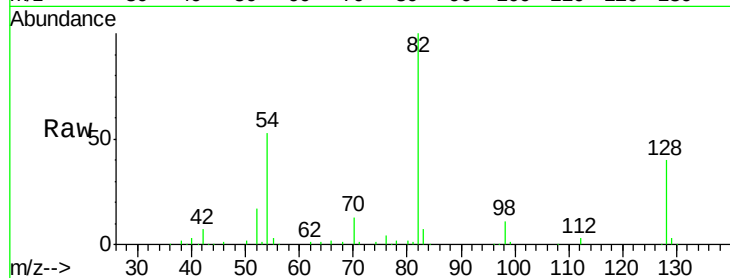
Tgt Ion: 82 Resp: 189167

Ion Ratio Lower Upper

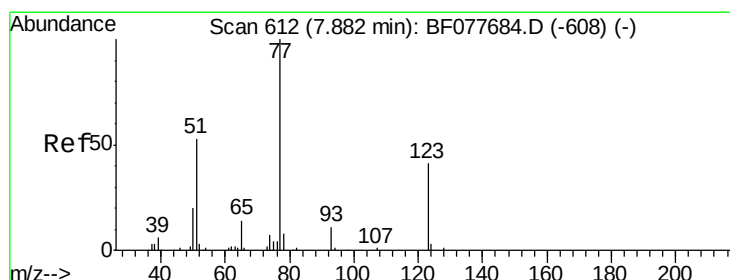
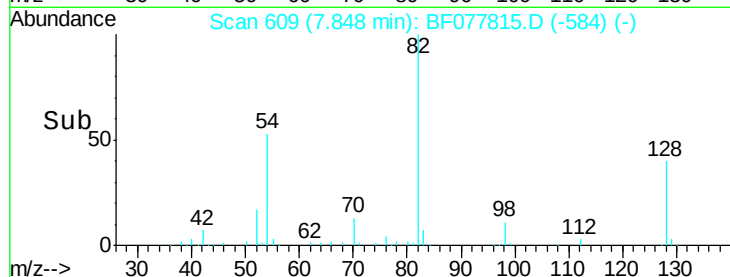
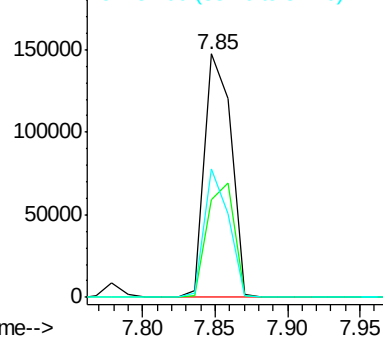
82 100

128 40.3 32.8 49.2

54 52.6 40.6 60.8



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



#24

Nitrobenzene

Concen: 39.66 ng

RT: 7.87 min Scan# 611

Delta R.T. -0.01 min

Lab File: BF077815.D

Acq: 19 Mar 2015 2:22

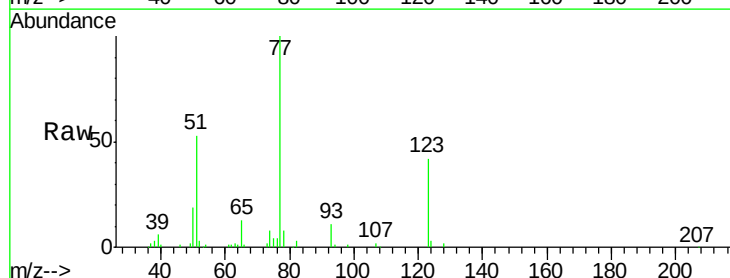
Tgt Ion: 77 Resp: 97588

Ion Ratio Lower Upper

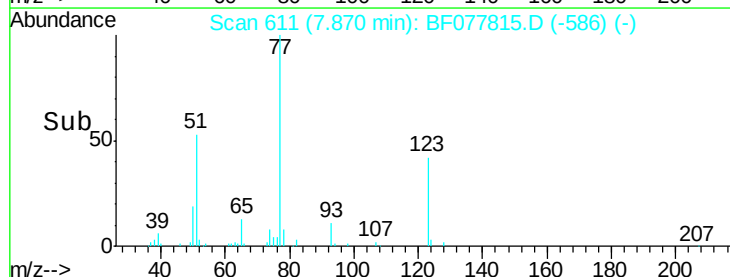
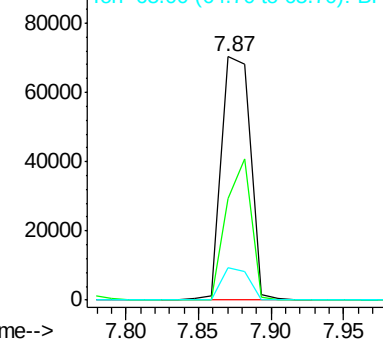
77 100

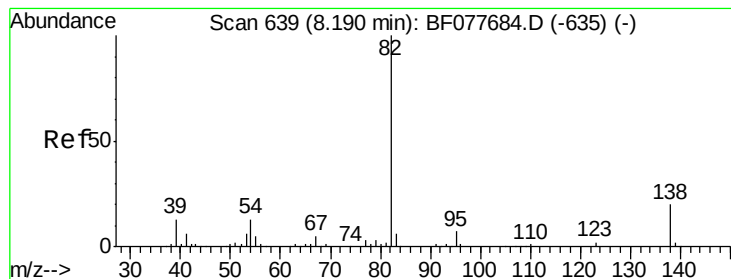
123 41.6 32.6 49.0

65 13.5 10.9 16.3



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





#25

Isophorone

Concen: 39.90 ng

RT: 8.18 min Scan# 638

Delta R.T. 0.00 min

Lab File: BF077815.D

Acq: 19 Mar 2015 2:22

Instrument :

BNA_F

ClientSampleId :

PB82167BSD

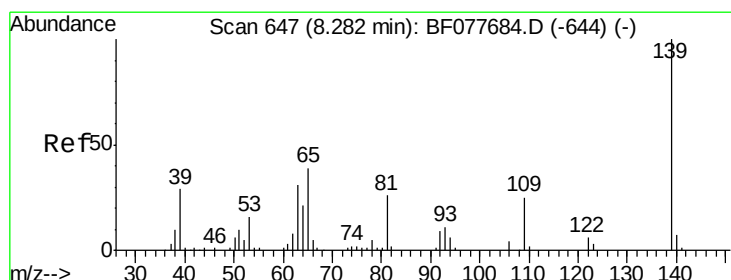
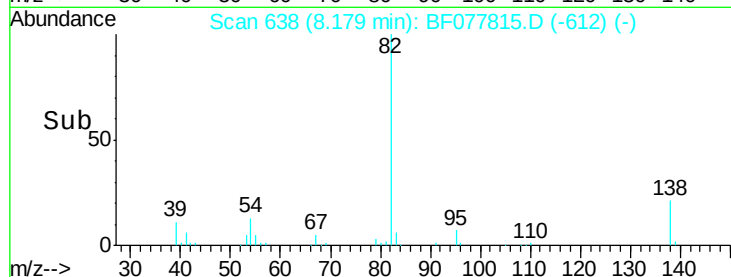
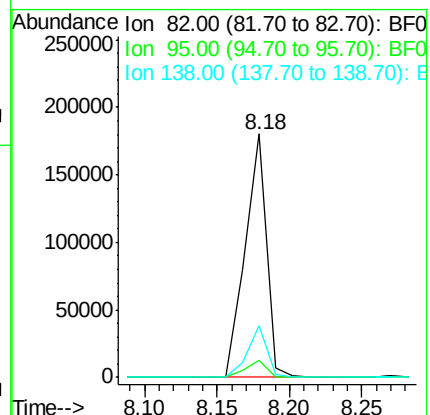
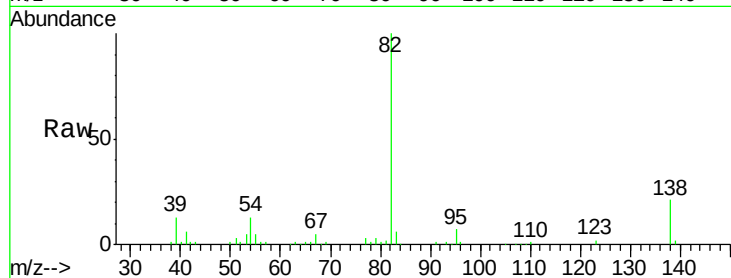
Tgt Ion: 82 Resp: 184039

Ion Ratio Lower Upper

82 100

95 7.1 5.8 8.6

138 21.1 16.3 24.5



#26

2-Nitrophenol

Concen: 41.12 ng

RT: 8.27 min Scan# 646

Delta R.T. 0.00 min

Lab File: BF077815.D

Acq: 19 Mar 2015 2:22

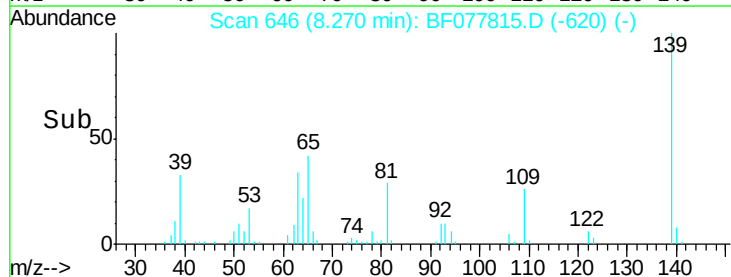
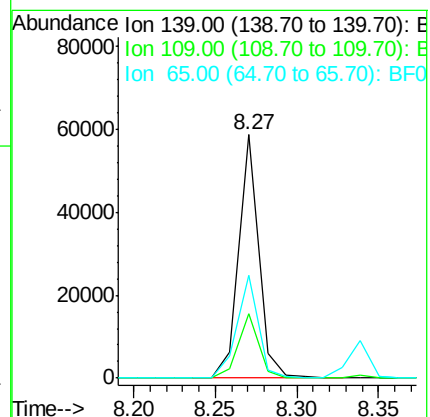
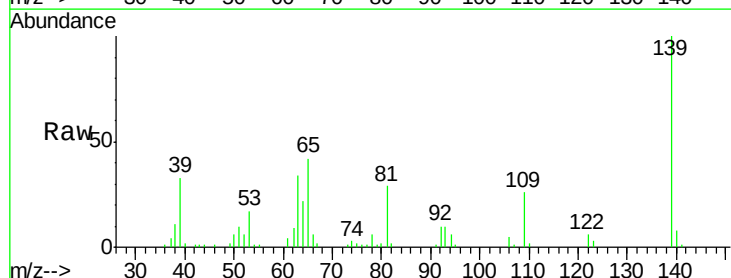
Tgt Ion: 139 Resp: 49528

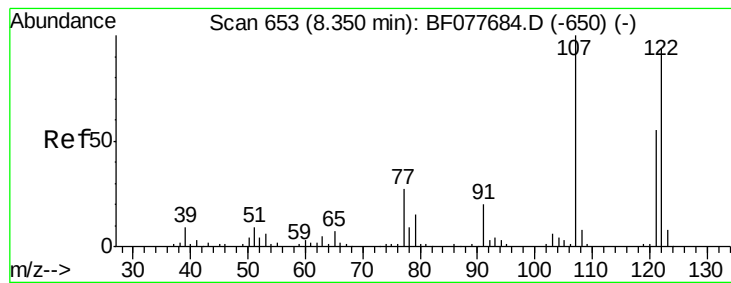
Ion Ratio Lower Upper

139 100

109 26.4 20.1 30.1

65 42.4 31.5 47.3

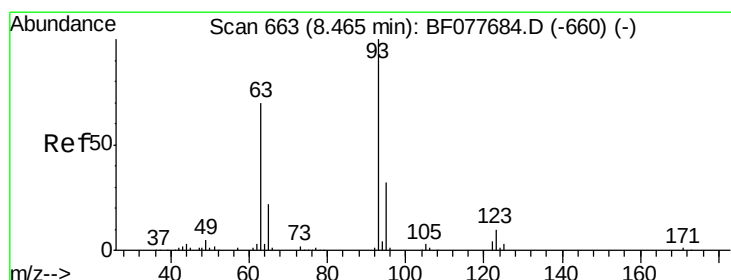
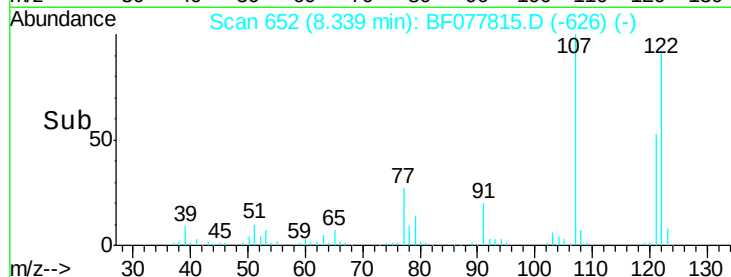
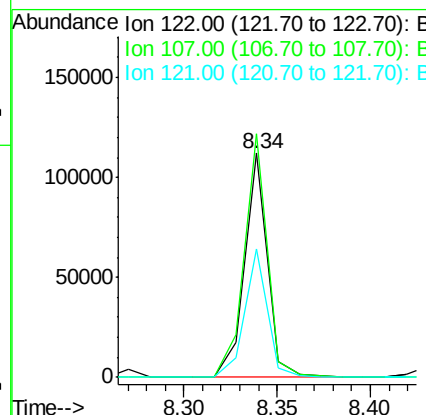
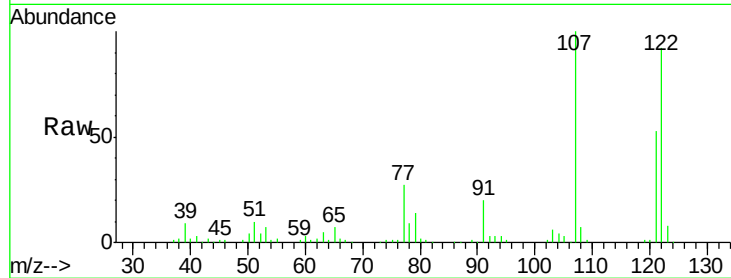




#27
 2,4-Dimethylphenol
 Concen: 43.72 ng
 RT: 8.34 min Scan# 652
 Delta R.T. 0.00 min
 Lab File: BF077815.D
 Acq: 19 Mar 2015 2:22

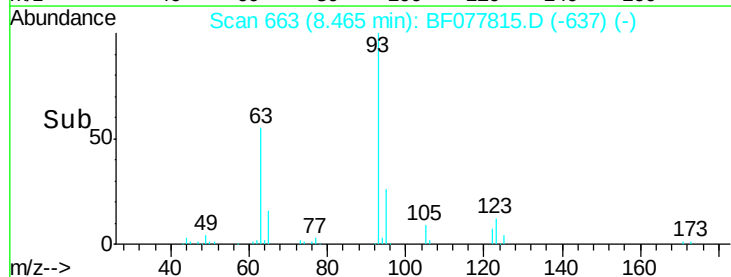
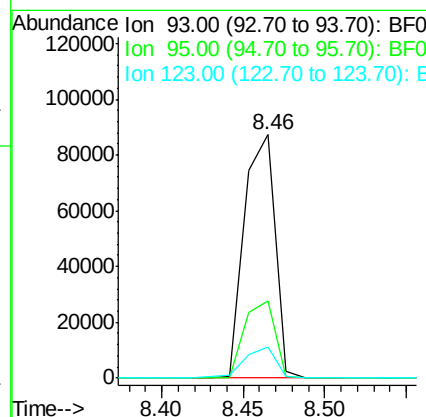
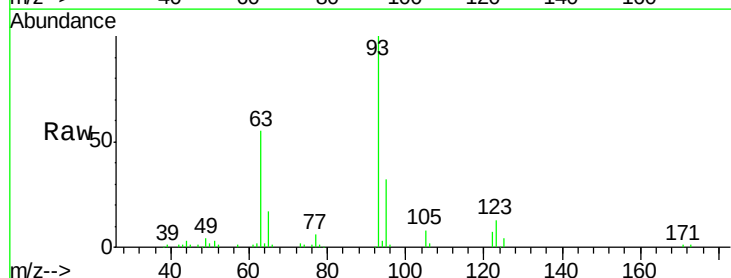
Instrument :
 BNA_F
 ClientSampleId :
 PB82167BSD

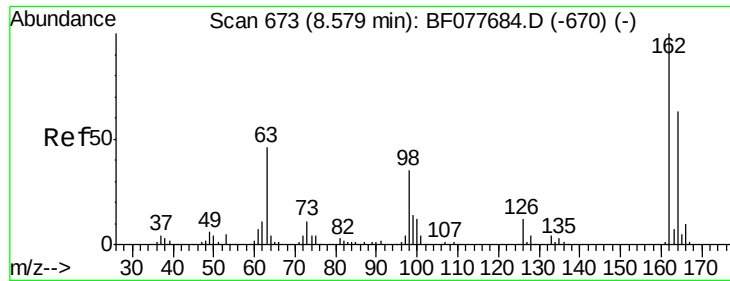
Tgt Ion: 122 Resp: 95945
 Ion Ratio Lower Upper
 122 100
 107 108.6 84.7 127.1
 121 57.2 46.6 69.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.42 ng
 RT: 8.46 min Scan# 663
 Delta R.T. 0.00 min
 Lab File: BF077815.D
 Acq: 19 Mar 2015 2:22

Tgt Ion: 93 Resp: 113169
 Ion Ratio Lower Upper
 93 100
 95 31.7 25.5 38.3
 123 12.7 8.6 13.0

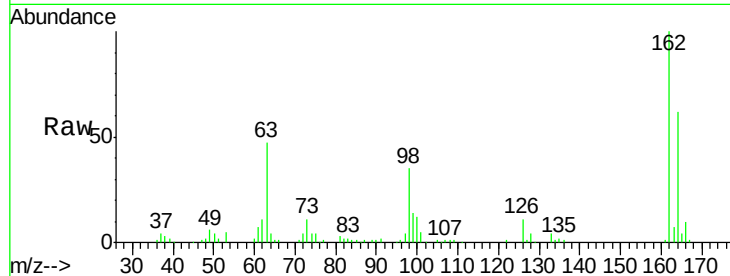




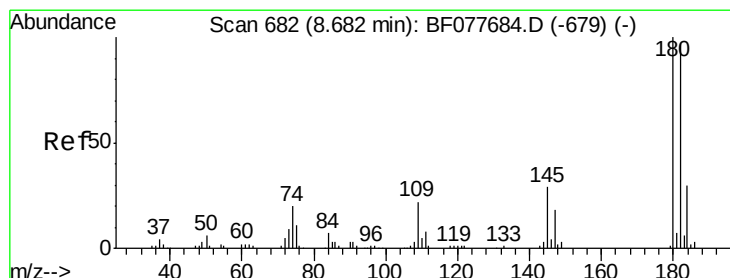
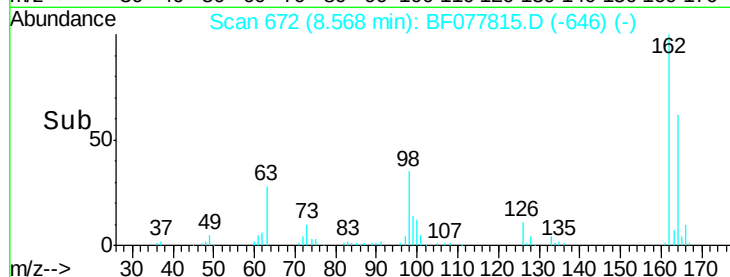
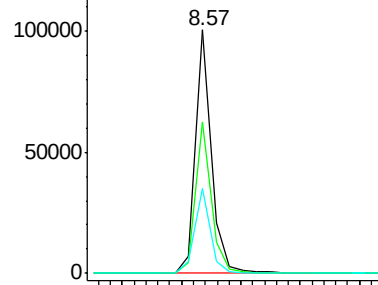
#29
 2,4-Dichlorophenol
 Concen: 43.97 ng
 RT: 8.57 min Scan# 672
 Delta R.T. 0.00 min
 Lab File: BF077815.D
 Acq: 19 Mar 2015 2:22

Instrument :
 BNA_F
 ClientSampleId :
 PB82167BSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.2	42.8	82.8
98	34.9	14.5	54.5

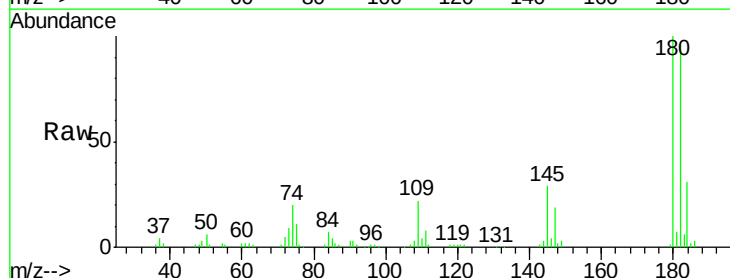


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

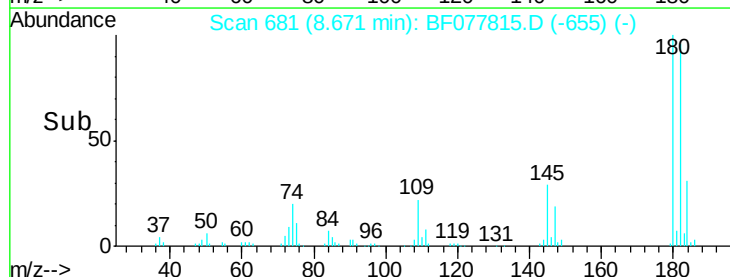
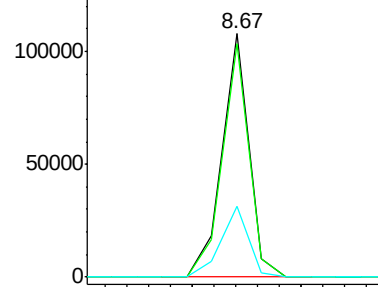


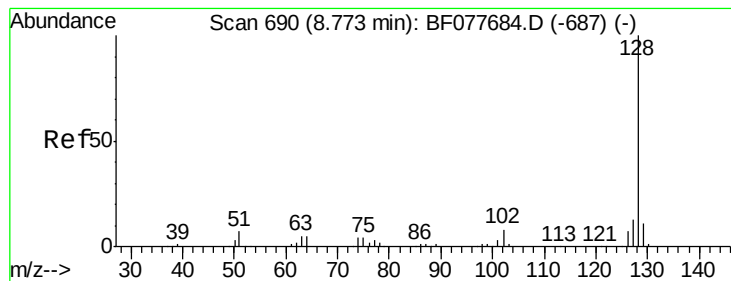
#30
 1,2,4-Trichlorobenzene
 Concen: 39.28 ng
 RT: 8.67 min Scan# 681
 Delta R.T. 0.00 min
 Lab File: BF077815.D
 Acq: 19 Mar 2015 2:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	77.6	116.4
145	29.0	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: 39.93 ng

RT: 8.76 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF077815.D

Acq: 19 Mar 2015 2:22

Instrument :

BNA_F

ClientSampleId :

PB82167BSD

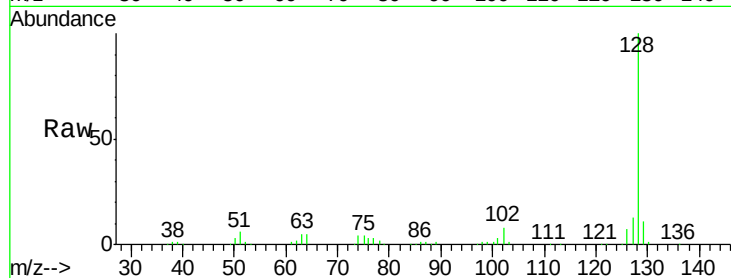
Tgt Ion:128 Resp: 307060

Ion Ratio Lower Upper

128 100

129 11.2 8.9 13.3

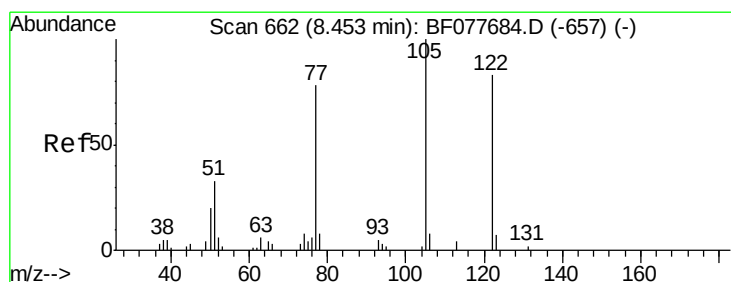
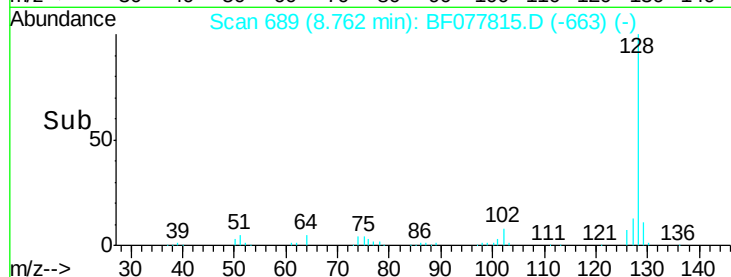
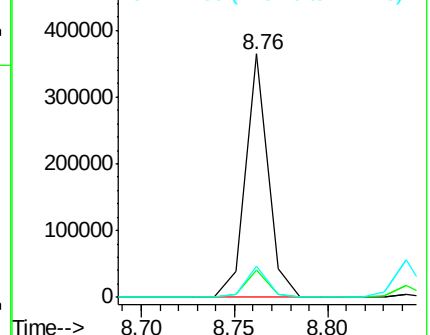
127 12.8 10.4 15.6



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: 32.22 ng

RT: 8.45 min Scan# 662

Delta R.T. 0.00 min

Lab File: BF077815.D

Acq: 19 Mar 2015 2:22

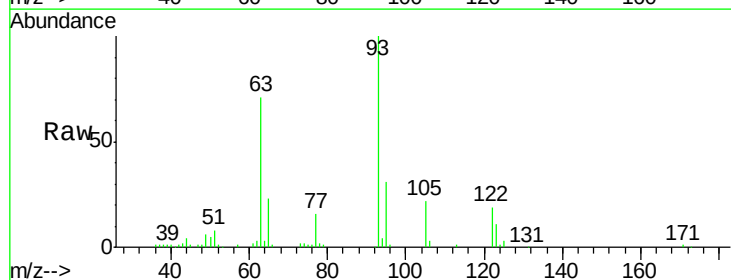
Tgt Ion:122 Resp: 38113

Ion Ratio Lower Upper

122 100

105 117.7 99.9 139.9

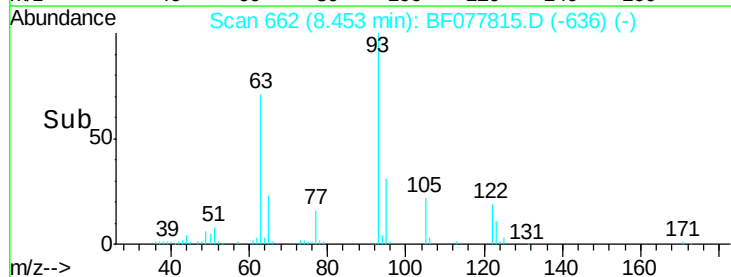
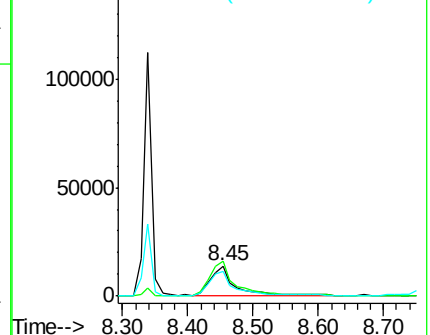
77 84.1 73.7 113.7

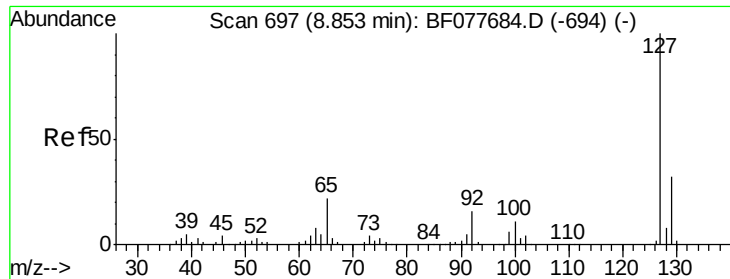


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

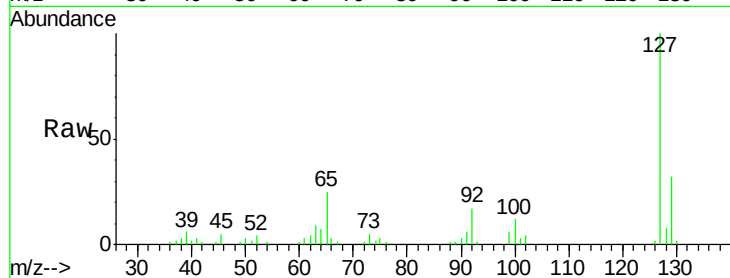




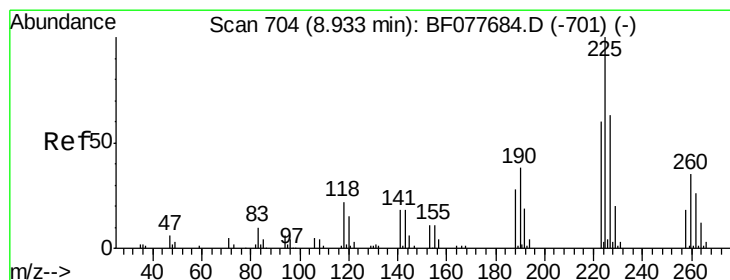
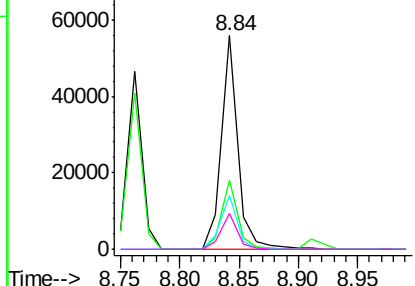
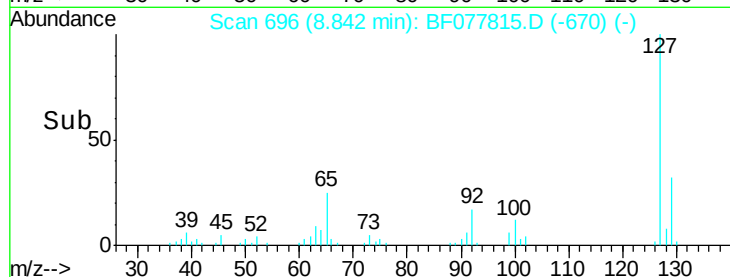
#33
4-Chloroaniline
Concen: 17.19 ng
RT: 8.84 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF077815.D
Acq: 19 Mar 2015 2:22

Instrument :
BNA_F
ClientSampleId :
PB82167BSD

Tgt Ion:	127	Resp:	53634
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.3	37.9
65	25.2	17.6	26.4
92	16.9	13.1	19.7

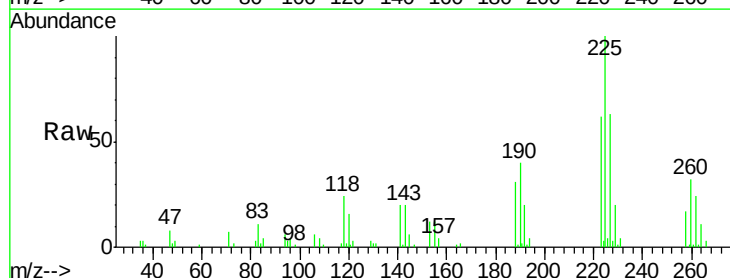


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

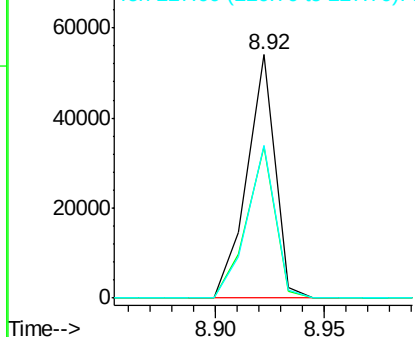
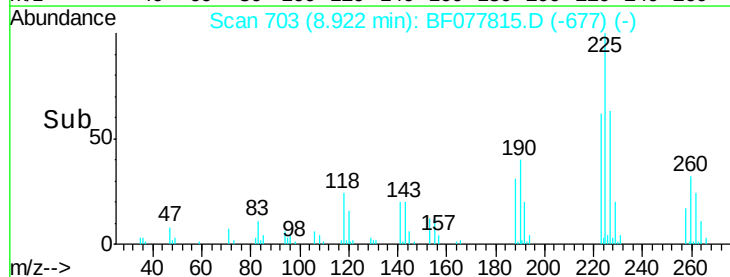


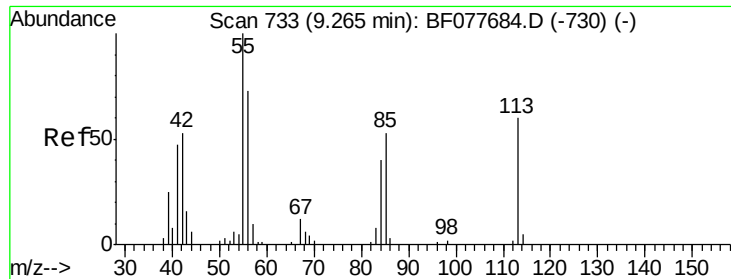
#34
Hexachlorobutadiene
Concen: 36.75 ng
RT: 8.92 min Scan# 703
Delta R.T. 0.00 min
Lab File: BF077815.D
Acq: 19 Mar 2015 2:22

Tgt Ion:	225	Resp:	48750
Ion	Ratio	Lower	Upper
225	100		
223	62.0	47.9	71.9
227	62.9	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

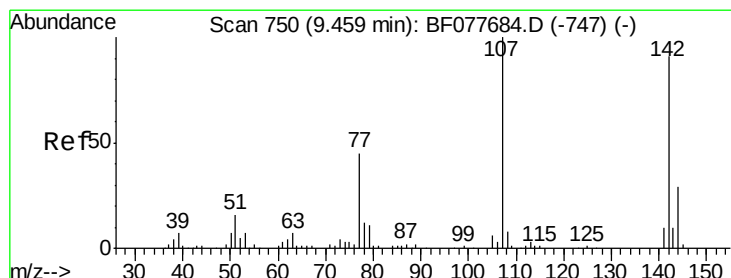
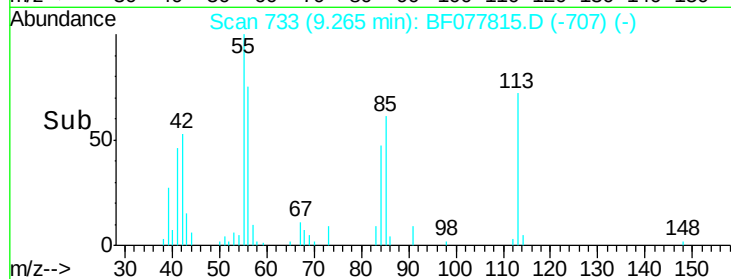
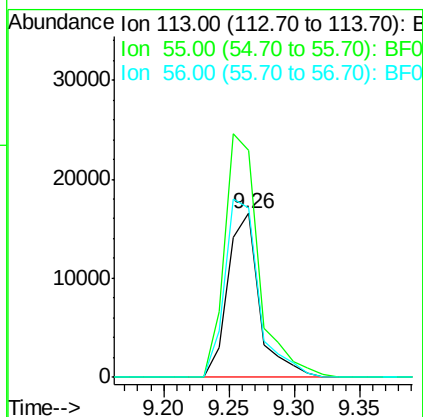
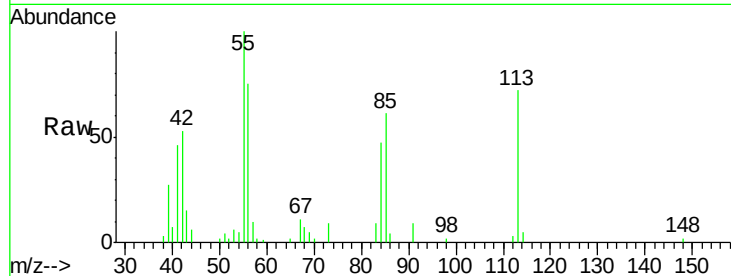




#35
 Caprolactam
 Concen: 45.65 ng
 RT: 9.26 min Scan# 733
 Delta R.T. 0.00 min
 Lab File: BF077815.D
 Acq: 19 Mar 2015 2:22

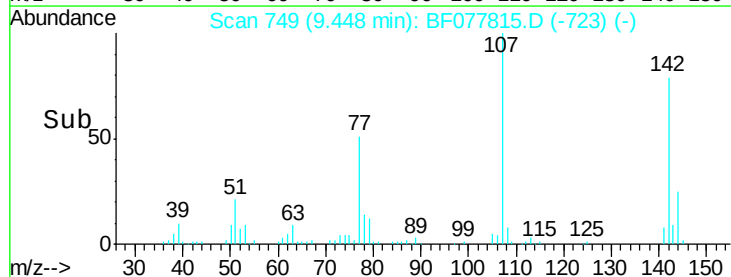
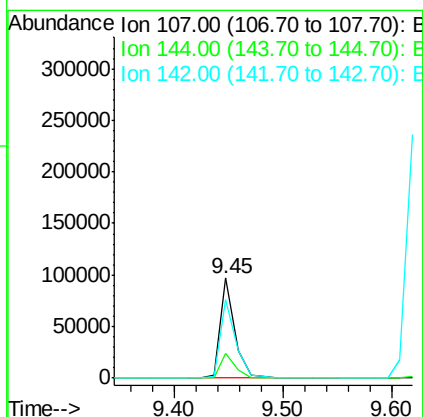
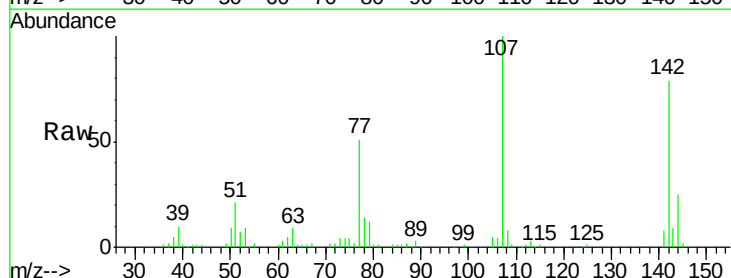
Instrument :
 BNA_F
 ClientSampleId :
 PB82167BSD

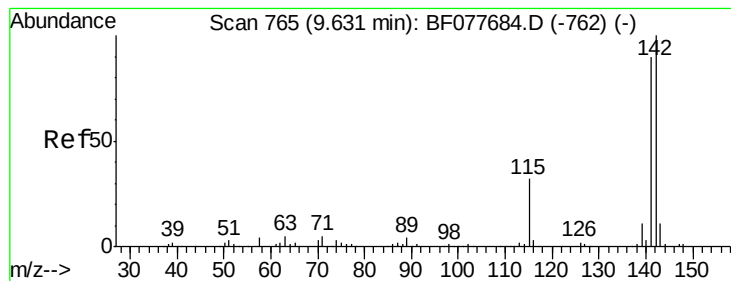
Tgt Ion:113 Resp: 27908
 Ion Ratio Lower Upper
 113 100
 55 138.4 145.9 185.9#
 56 103.6 101.0 141.0



#36
 4-Chloro-3-methylphenol
 Concen: 43.16 ng
 RT: 9.45 min Scan# 749
 Delta R.T. 0.00 min
 Lab File: BF077815.D
 Acq: 19 Mar 2015 2:22

Tgt Ion:107 Resp: 90834
 Ion Ratio Lower Upper
 107 100
 144 25.1 23.3 34.9
 142 78.7 72.6 109.0





#37

2-Methylnaphthalene

Concen: 40.37 ng

RT: 9.62 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF077815.D

Acq: 19 Mar 2015 2:22

Instrument :

BNA_F

ClientSampleId :

PB82167BSD

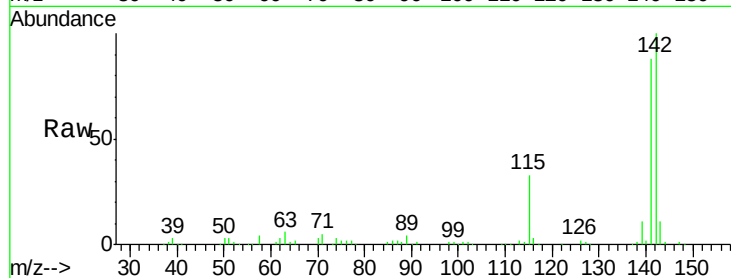
Tgt Ion:142 Resp: 208530

Ion Ratio Lower Upper

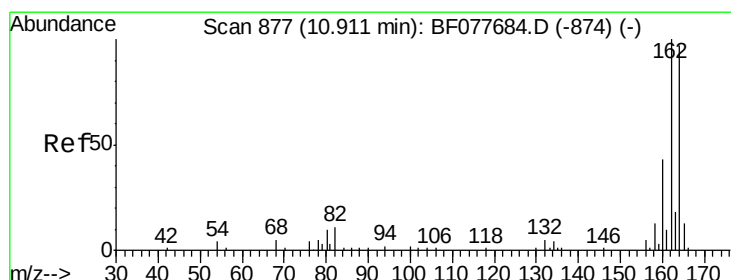
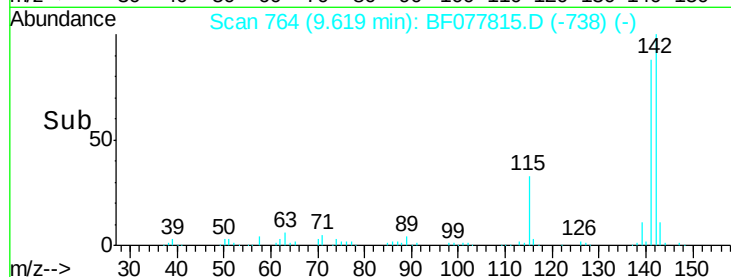
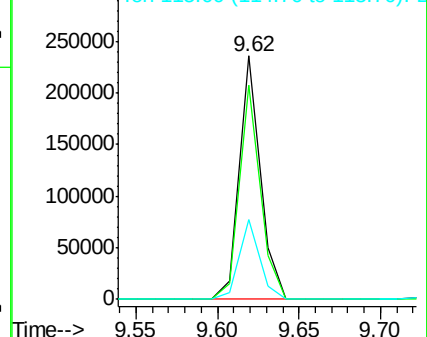
142 100

141 87.8 71.9 107.9

115 32.5 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: BF077815.D

Acq: 19 Mar 2015 2:22

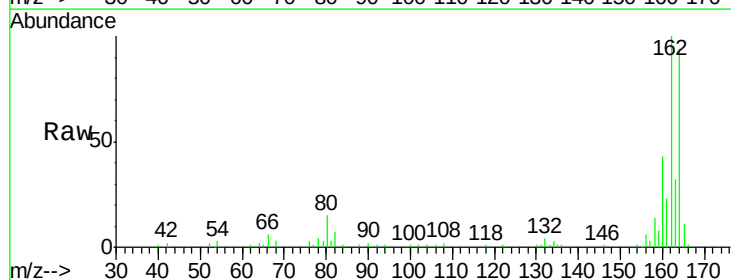
Tgt Ion:164 Resp: 74293

Ion Ratio Lower Upper

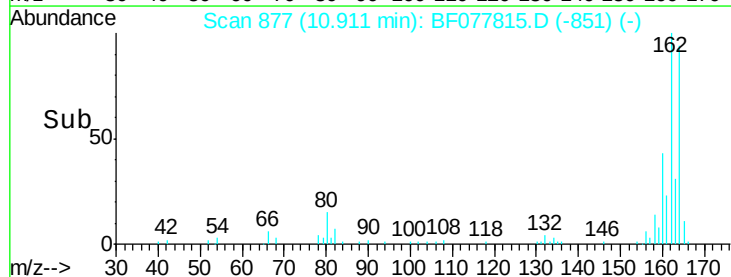
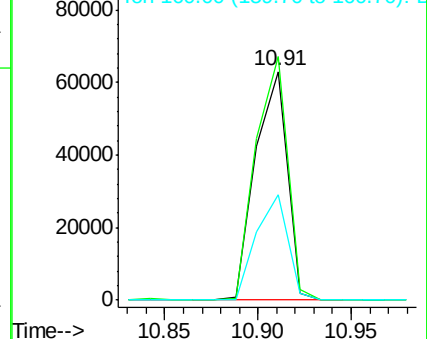
164 100

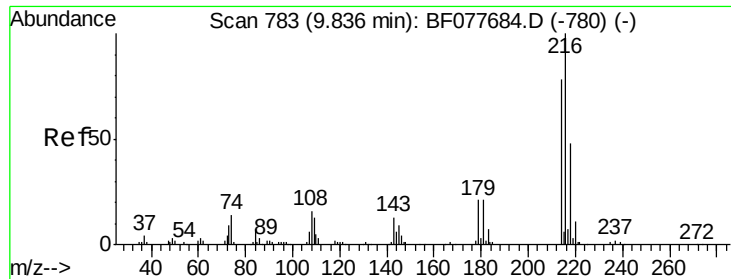
162 106.4 82.4 123.6

160 46.1 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: 40.19 ng

RT: 9.82 min Scan# 782

Delta R.T. 0.00 min

Lab File: BF077815.D

Acq: 19 Mar 2015 2:22

Instrument :

BNA_F

ClientSampleId :

PB82167BSD

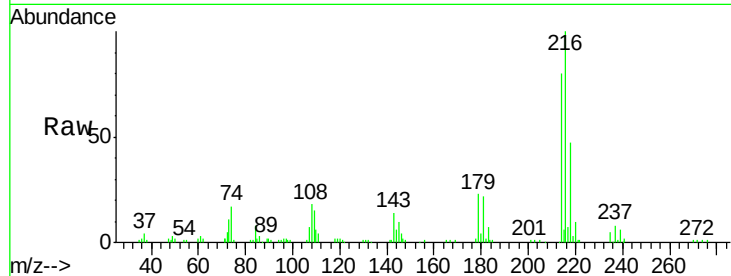
Tgt Ion:216 Resp: 89061
Ion Ratio Lower Upper

216 100

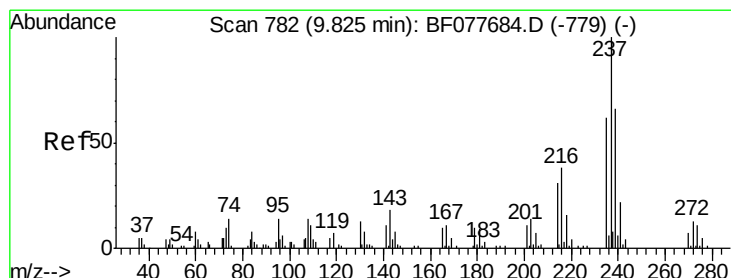
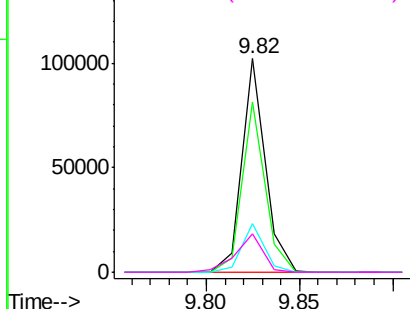
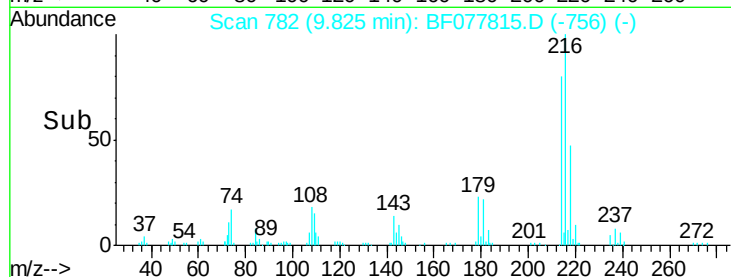
214 78.9 0.0 0.0#

179 22.2 0.0 0.0#

108 21.3 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: 76.28 ng

RT: 9.81 min Scan# 781

Delta R.T. 0.00 min

Lab File: BF077815.D

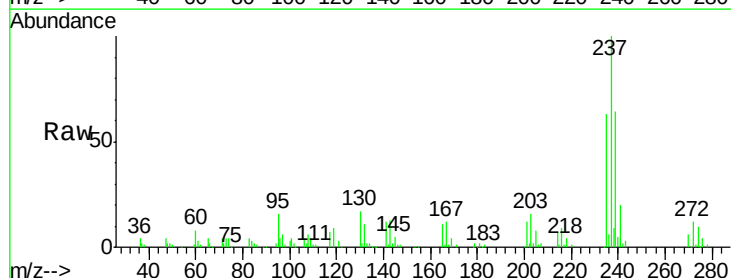
Acq: 19 Mar 2015 2:22

Tgt Ion:237 Resp: 84451
Ion Ratio Lower Upper

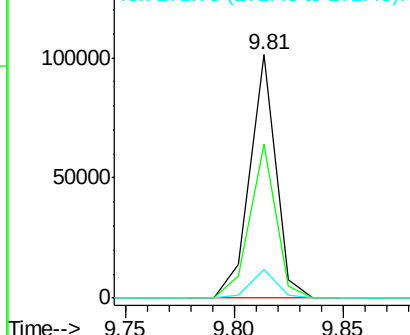
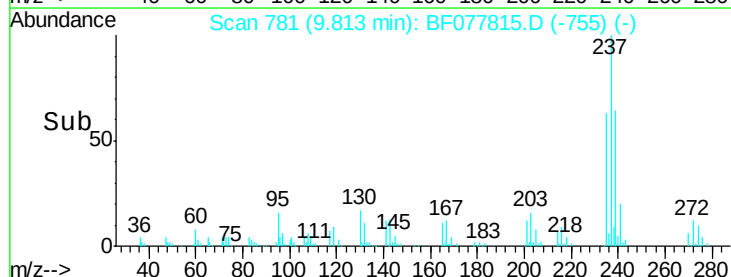
237 100

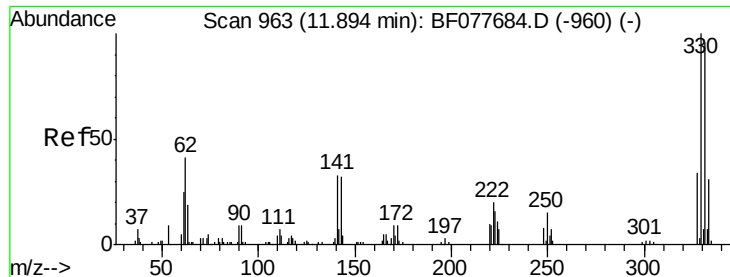
235 63.4 42.0 82.0

272 11.8 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

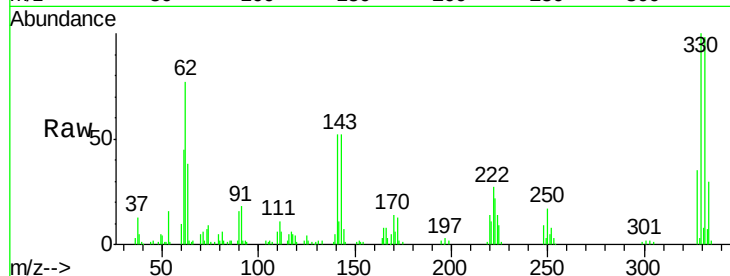




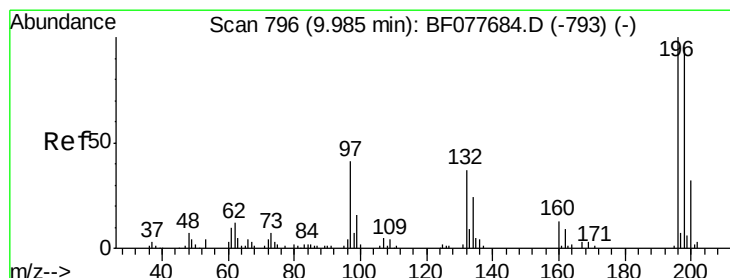
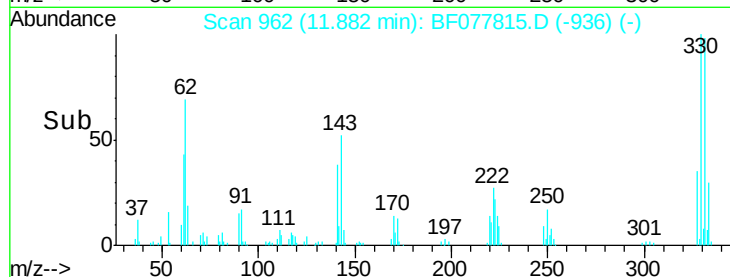
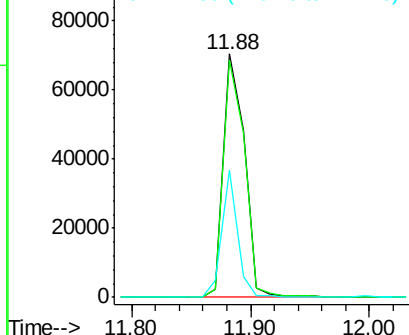
#41
 2,4,6-Tribromophenol
 Concen: 121.84 ng
 RT: 11.88 min Scan# 962
 Delta R.T. 0.00 min
 Lab File: BF077815.D
 Acq: 19 Mar 2015 2:22

Instrument :
 BNA_F
 ClientSampleId :
 PB82167BSD

Tgt Ion:330 Resp: 86607
 Ion Ratio Lower Upper
 330 100
 332 98.2 0.0 0.0#
 141 38.6 0.0 0.0#

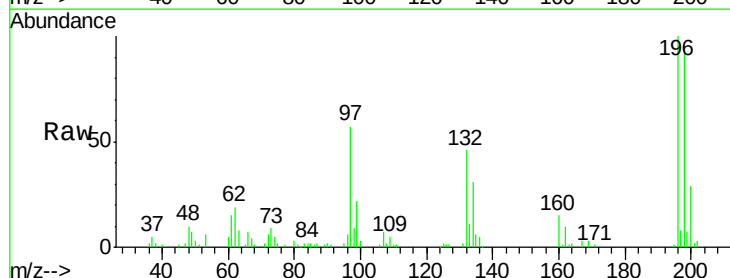


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

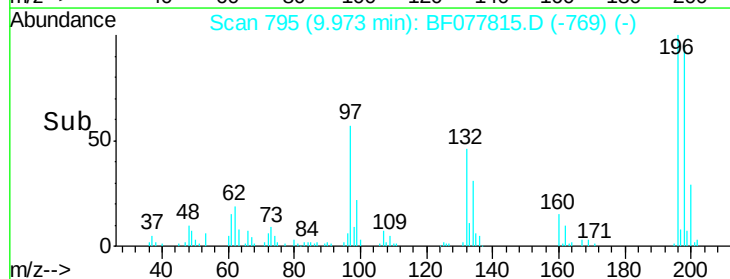
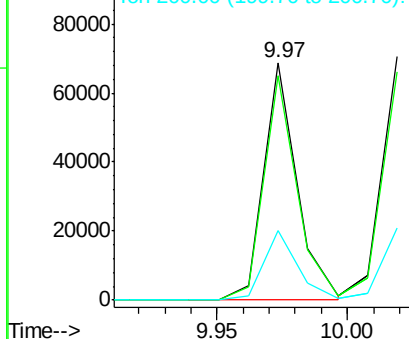


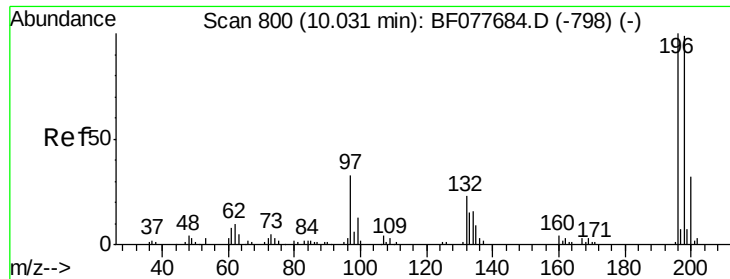
#42
 2,4,6-Trichlorophenol
 Concen: 39.86 ng
 RT: 9.97 min Scan# 795
 Delta R.T. 0.00 min
 Lab File: BF077815.D
 Acq: 19 Mar 2015 2:22

Tgt Ion:196 Resp: 61176
 Ion Ratio Lower Upper
 196 100
 198 94.7 76.3 114.5
 200 29.4 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

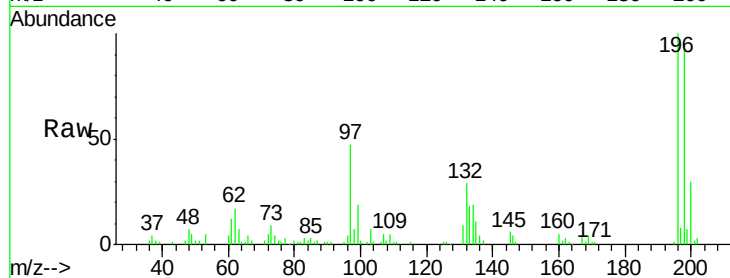




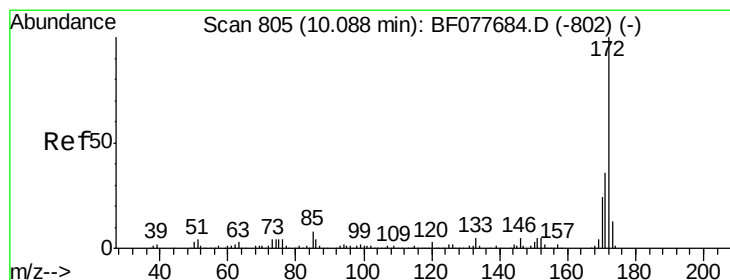
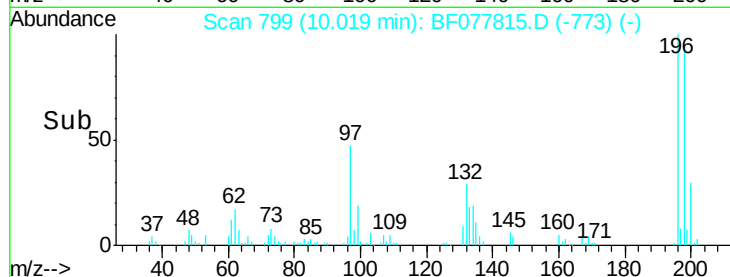
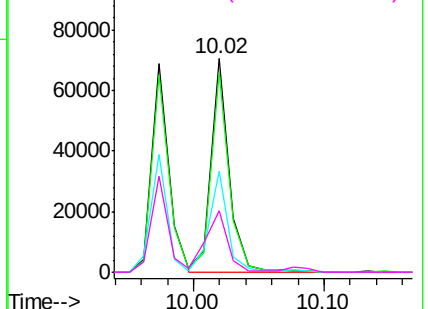
#43
 2,4,5-Trichlorophenol
 Concen: 41.47 ng
 RT: 10.02 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF077815.D
 Acq: 19 Mar 2015 2:22

Instrument :
 BNA_F
 ClientSampleId :
 PB82167BSD

Tgt Ion:196 Resp: 68768
 Ion Ratio Lower Upper
 196 100
 198 93.8 79.4 119.0
 97 47.2 26.8 40.2#
 132 29.0 18.6 28.0#

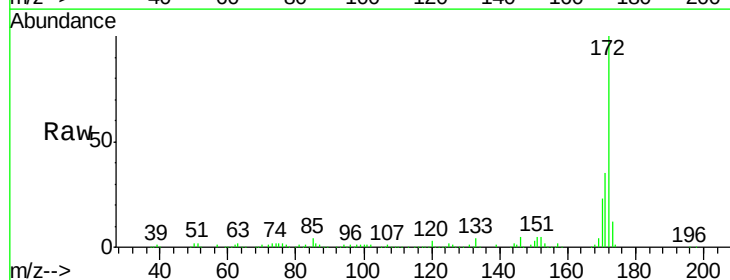


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

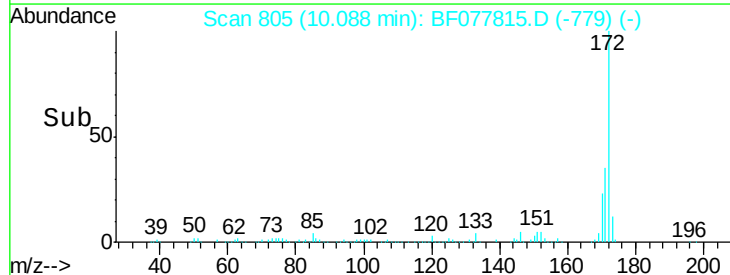
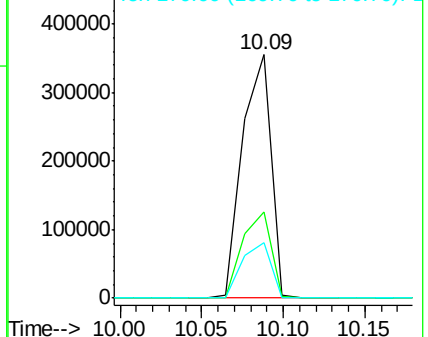


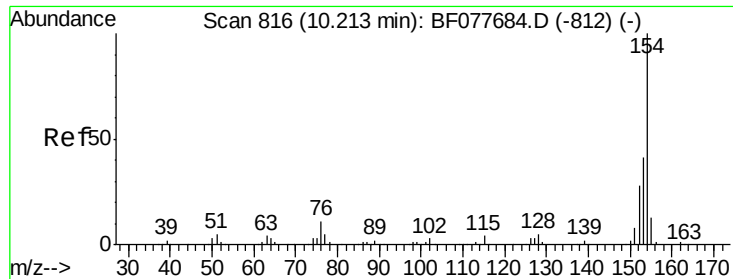
#44
 2-Fluorobiphenyl
 Concen: 85.16 ng
 RT: 10.09 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF077815.D
 Acq: 19 Mar 2015 2:22

Tgt Ion:172 Resp: 430512
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.5 42.7
 170 23.0 18.8 28.2



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

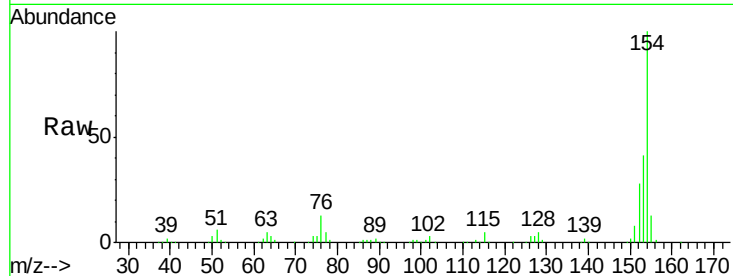




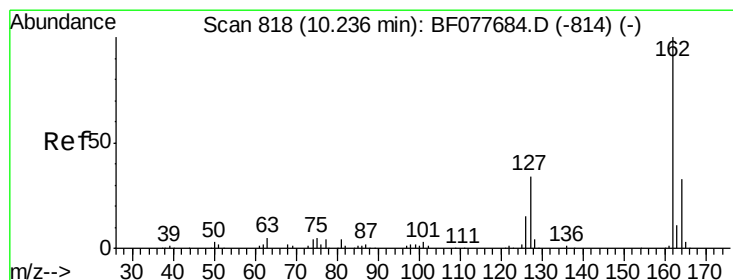
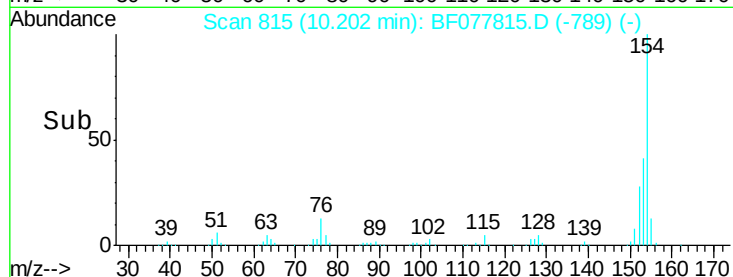
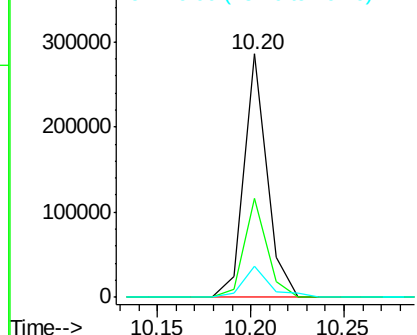
#45
1,1'-Biphenyl
Concen: 41.24 ng
RT: 10.20 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF077815.D
Acq: 19 Mar 2015 2:22

Instrument :
BNA_F
ClientSampleId :
PB82167BSD

Tgt Ion:154 Resp: 244924
Ion Ratio Lower Upper
154 100
153 40.8 20.7 60.7
76 12.5 0.0 30.9

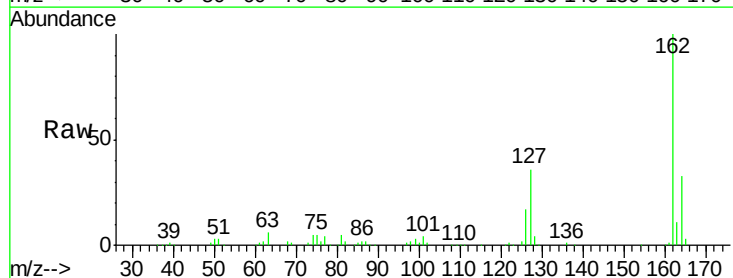


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

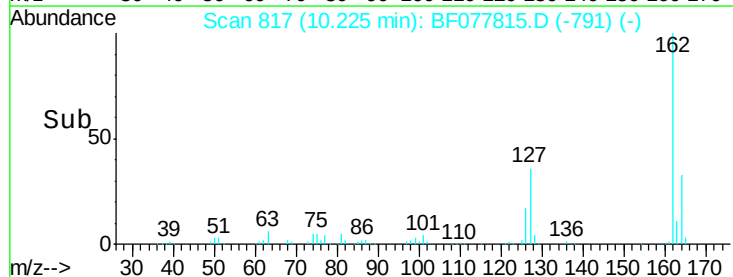
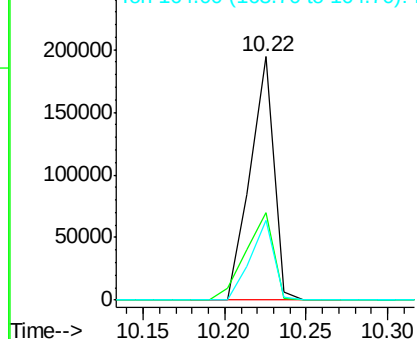


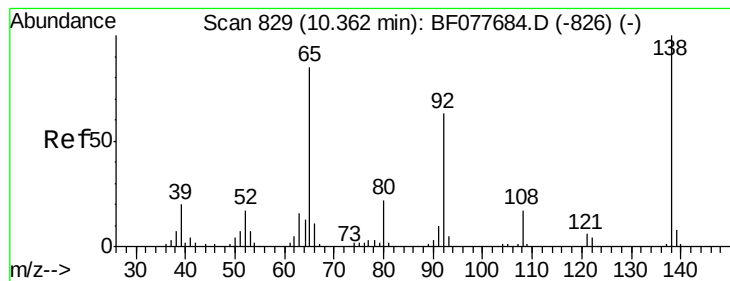
#46
2-Chloronaphthalene
Concen: 40.73 ng
RT: 10.22 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF077815.D
Acq: 19 Mar 2015 2:22

Tgt Ion:162 Resp: 196596
Ion Ratio Lower Upper
162 100
127 36.0 26.9 40.3
164 32.9 26.8 40.2



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





#47

2-Nitroaniline

Concen: 44.53 ng

RT: 10.35 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF077815.D

Acq: 19 Mar 2015 2:22

Instrument :

BNA_F

ClientSampleId :

PB82167BSD

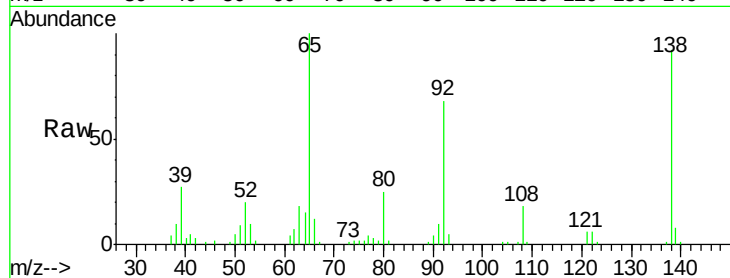
Tgt Ion: 65 Resp: 53377

Ion Ratio Lower Upper

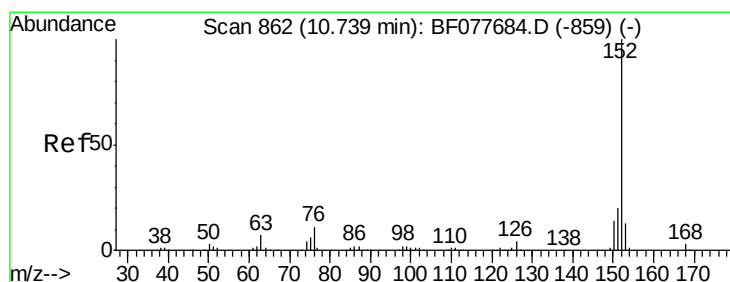
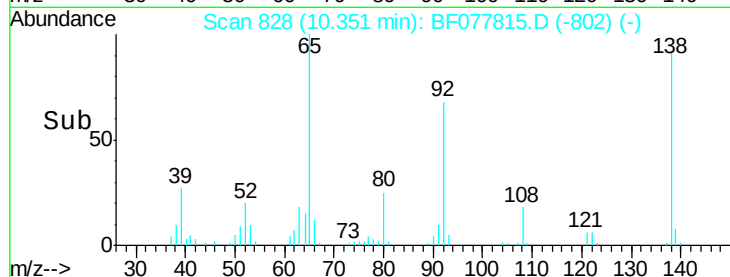
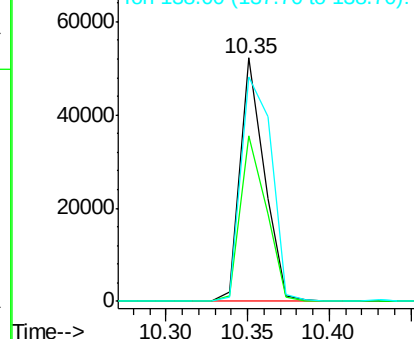
65 100

92 67.8 59.1 88.7

138 92.2 93.9 140.9#



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



#48

Acenaphthylene

Concen: 37.91 ng

RT: 10.73 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF077815.D

Acq: 19 Mar 2015 2:22

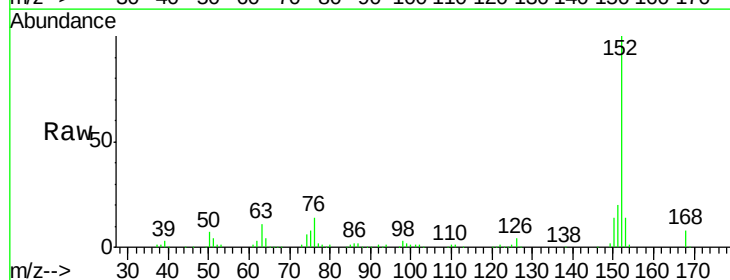
Tgt Ion: 152 Resp: 304283

Ion Ratio Lower Upper

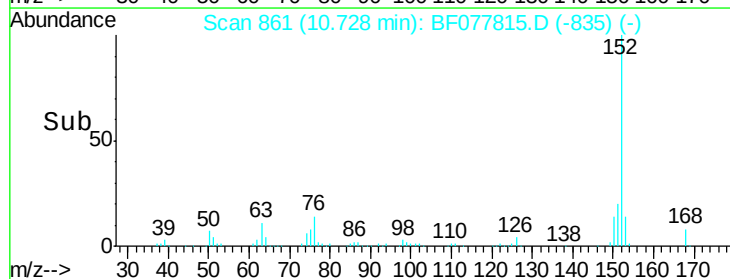
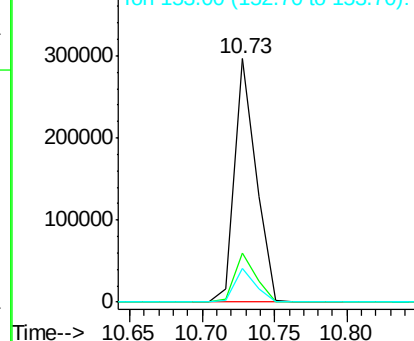
152 100

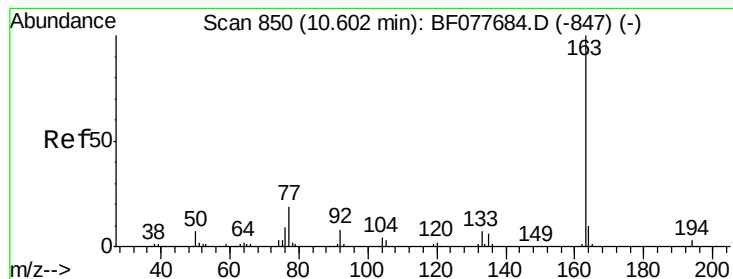
151 20.3 15.9 23.9

153 13.7 10.6 16.0



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





#49

Dimethylphthalate

Concen: 41.17 ng

RT: 10.59 min Scan# 849

Delta R.T. 0.00 min

Lab File: BF077815.D

Acq: 19 Mar 2015 2:22

Instrument :

BNA_F

ClientSampleId :

PB82167BSD

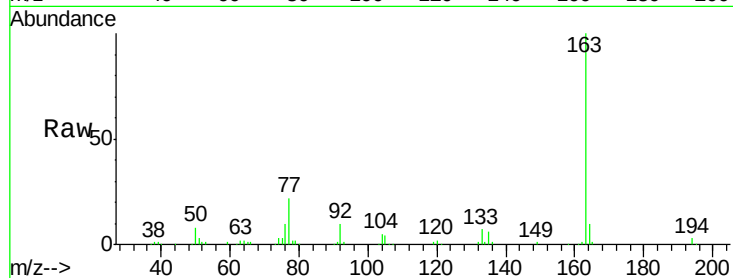
Tgt Ion:163 Resp: 226866

Ion Ratio Lower Upper

163 100

194 3.2 2.7 4.1

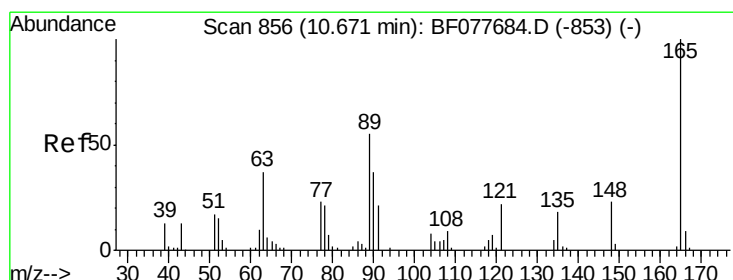
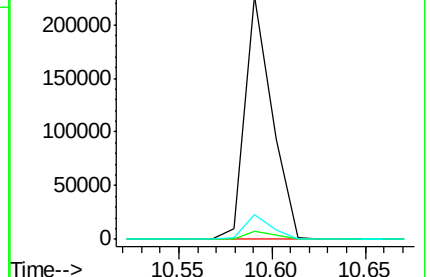
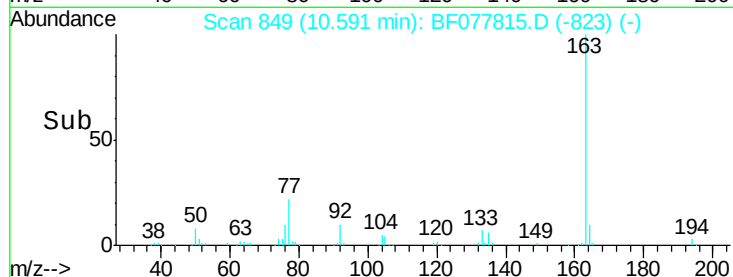
164 10.0 8.2 12.2



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: 43.29 ng

RT: 10.67 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF077815.D

Acq: 19 Mar 2015 2:22

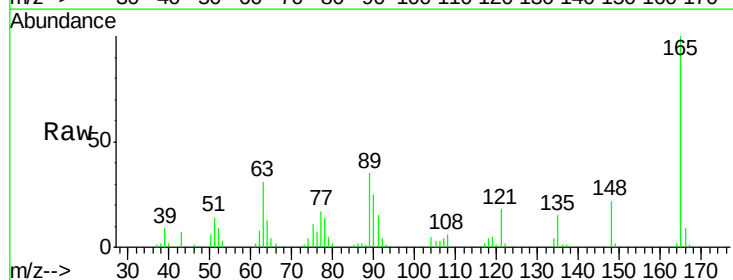
Tgt Ion:165 Resp: 49448

Ion Ratio Lower Upper

165 100

63 30.9 44.1 66.1#

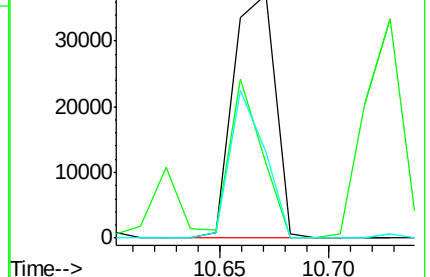
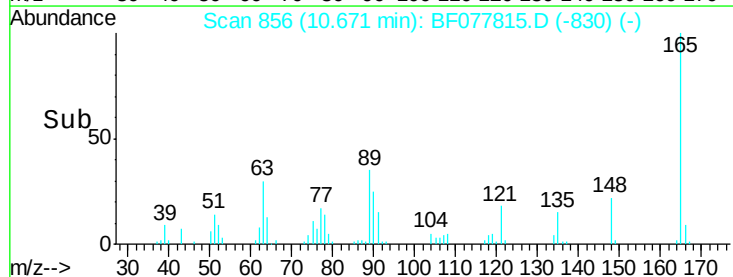
89 35.5 44.3 66.5#

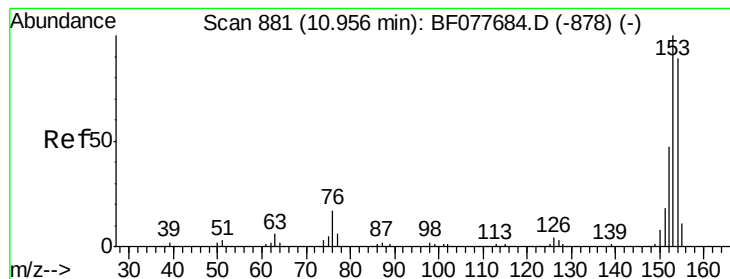


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.53 ng

RT: 10.95 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF077815.D

Acq: 19 Mar 2015 2:22

Instrument :

BNA_F

ClientSampleId :

PB82167BSD

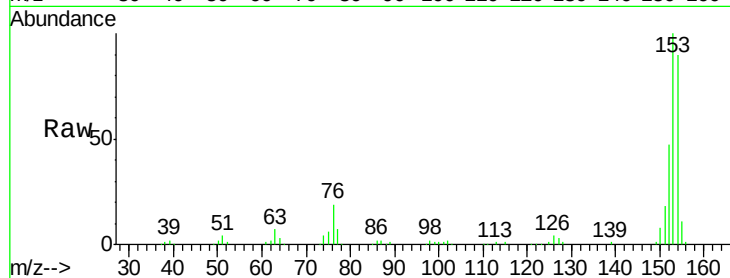
Tgt Ion:154 Resp: 186485

Ion Ratio Lower Upper

154 100

153 111.5 90.0 135.0

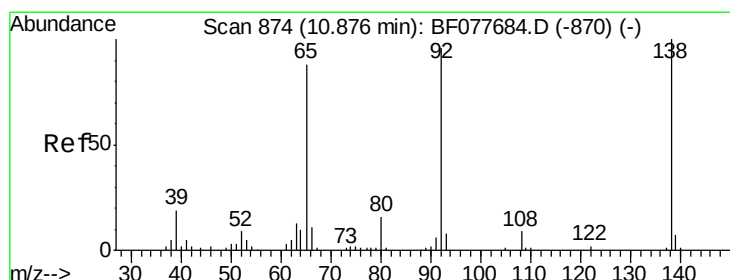
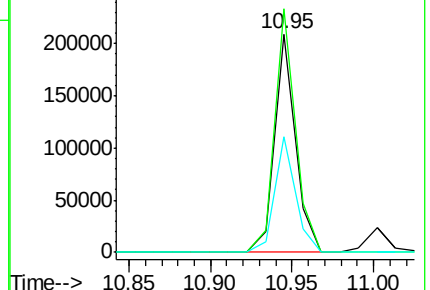
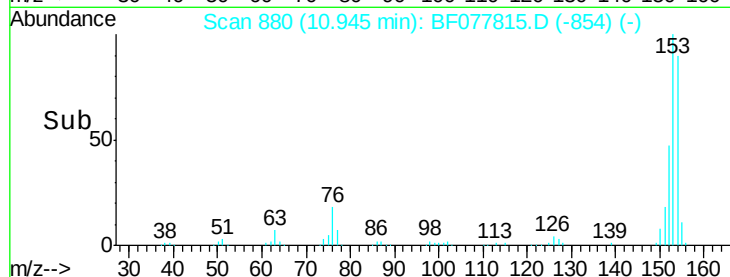
152 52.9 42.6 63.8



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: 25.79 ng

RT: 10.87 min Scan# 873

Delta R.T. 0.00 min

Lab File: BF077815.D

Acq: 19 Mar 2015 2:22

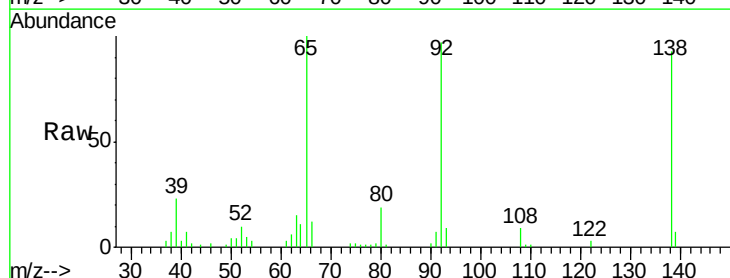
Tgt Ion:138 Resp: 34217

Ion Ratio Lower Upper

138 100

108 9.5 7.3 10.9

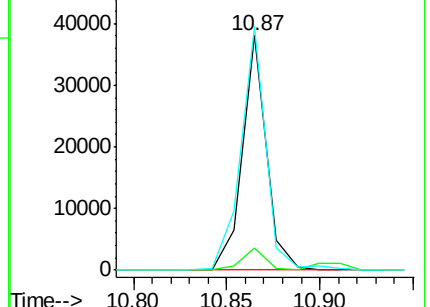
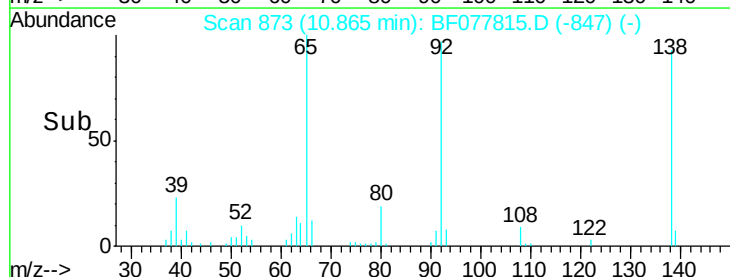
92 103.9 76.6 114.8

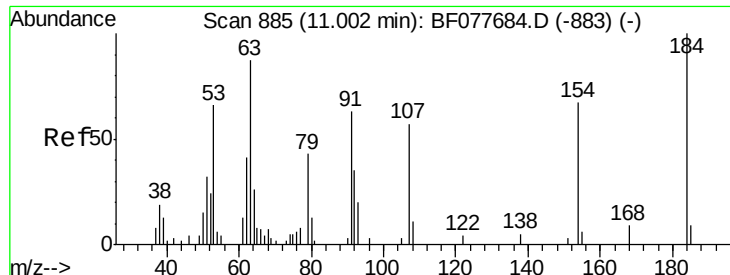


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

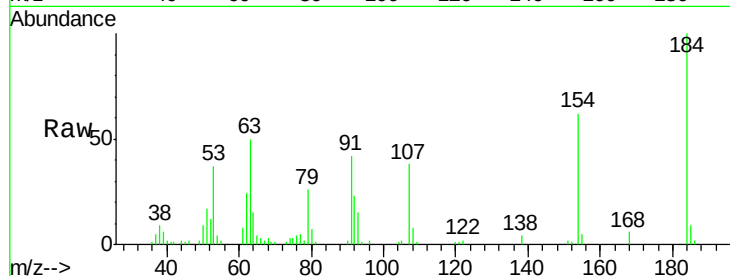




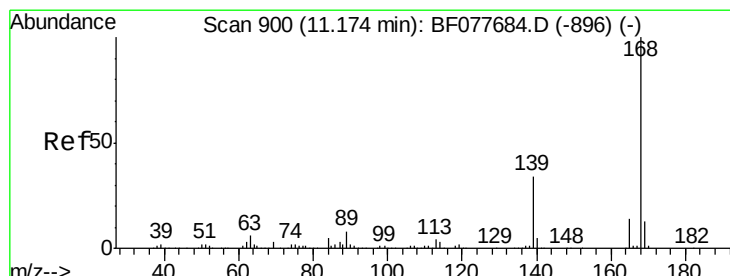
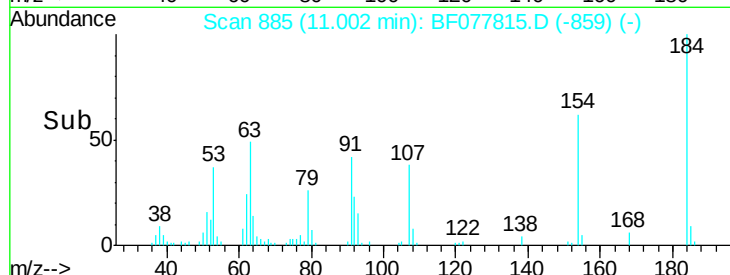
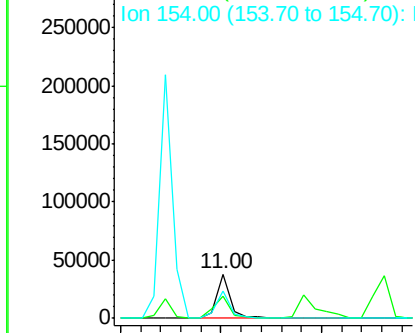
#53
 2,4-Dinitrophenol
 Concen: 86.98 ng
 RT: 11.00 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: BF077815.D
 Acq: 19 Mar 2015 2:22

Instrument :
 BNA_F
 ClientSampleId :
 PB82167BSD

Tgt Ion:184 Resp: 36824
 Ion Ratio Lower Upper
 184 100
 63 50.1 69.2 103.8#
 154 62.1 53.3 79.9

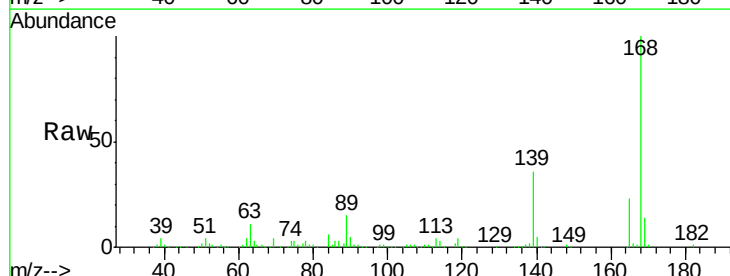


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

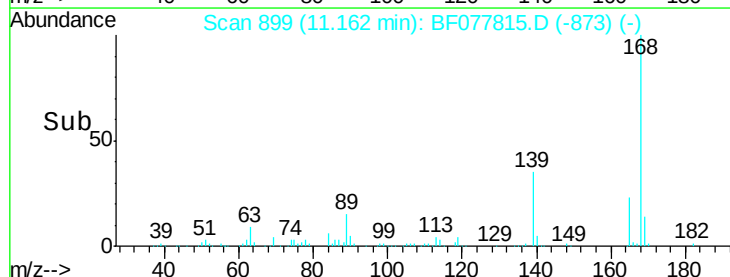
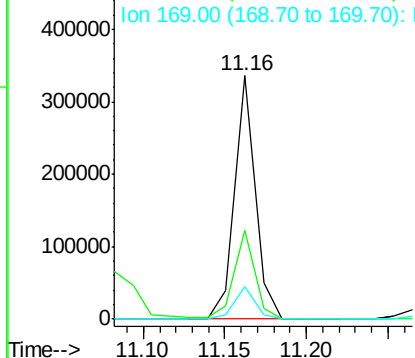


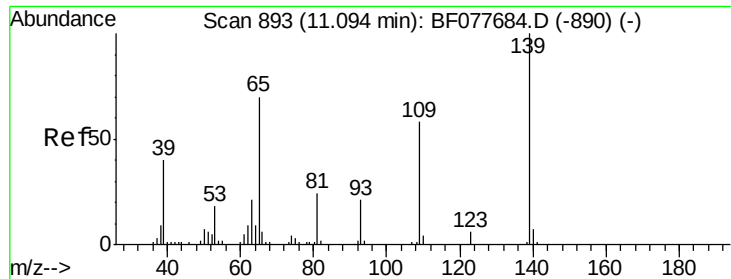
#54
 Dibenzofuran
 Concen: 42.98 ng
 RT: 11.16 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: BF077815.D
 Acq: 19 Mar 2015 2:22

Tgt Ion:168 Resp: 293314
 Ion Ratio Lower Upper
 168 100
 139 36.4 27.3 40.9
 169 13.5 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: 87.13 ng

RT: 11.08 min Scan# 892

Delta R.T. 0.00 min

Lab File: BF077815.D

Acq: 19 Mar 2015 2:22

Instrument :

BNA_F

ClientSampleId :

PB82167BSD

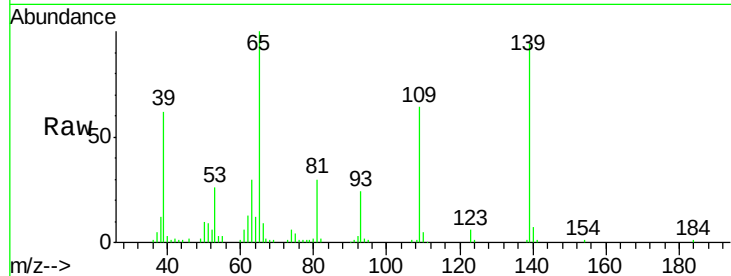
Tgt Ion:139 Resp: 85616

Ion Ratio Lower Upper

139 100

109 67.5 37.7 77.7

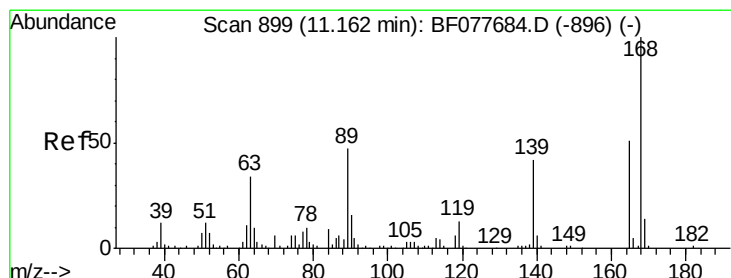
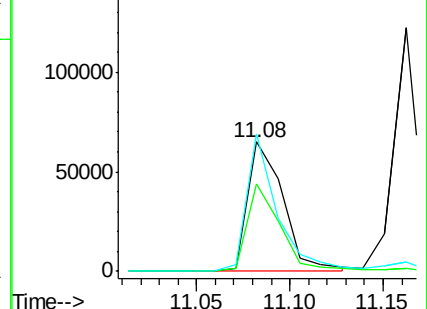
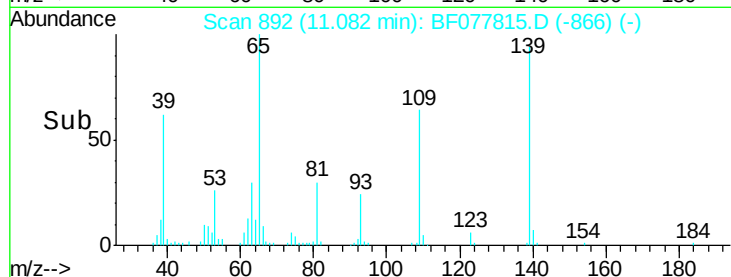
65 105.9 49.9 89.9#



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): BF0



#56

2,4-Dinitrotoluene

Concen: 47.13 ng

RT: 11.16 min Scan# 899

Delta R.T. 0.00 min

Lab File: BF077815.D

Acq: 19 Mar 2015 2:22

Tgt Ion:165 Resp: 70195

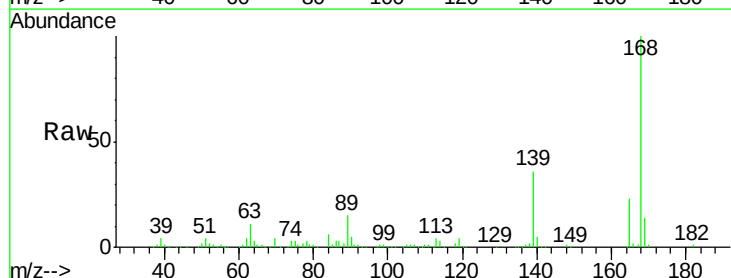
Ion Ratio Lower Upper

165 100

63 47.0 52.4 78.6#

89 65.6 72.4 108.6#

182 2.5 2.0 3.0

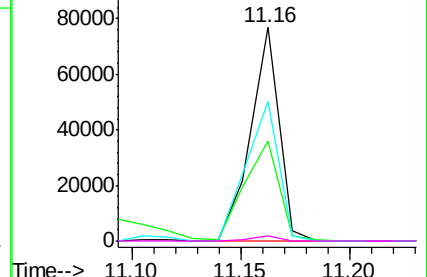
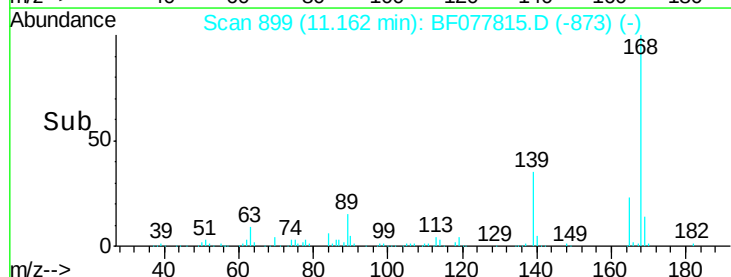


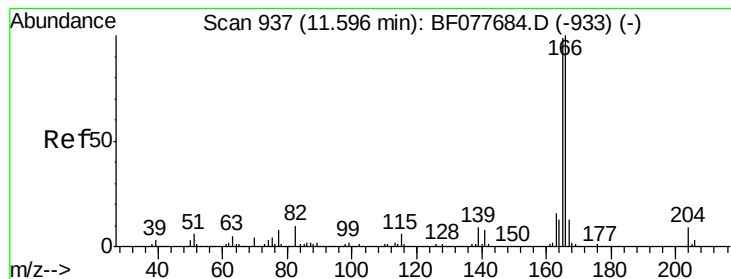
Abundance Ion 165.00 (164.70 to 165.70): E

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: 40.99 ng

RT: 11.59 min Scan# 936

Delta R.T. 0.00 min

Lab File: BF077815.D

Acq: 19 Mar 2015 2:22

Instrument :

BNA_F

ClientSampleId :

PB82167BSD

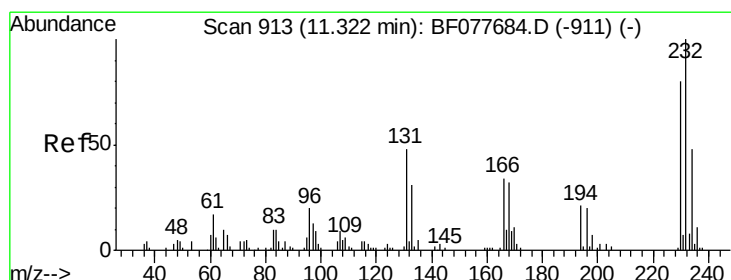
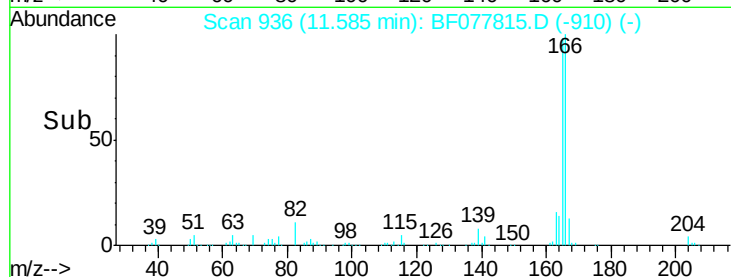
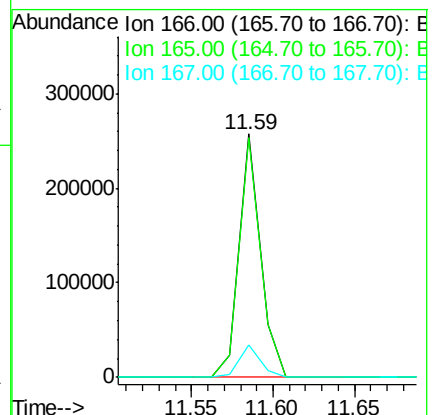
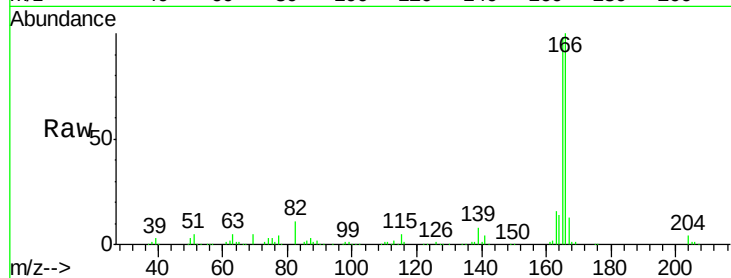
Tgt Ion:166 Resp: 232287

Ion Ratio Lower Upper

166 100

165 98.3 79.0 118.4

167 13.2 10.3 15.5



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.35 ng

RT: 11.32 min Scan# 913

Delta R.T. 0.01 min

Lab File: BF077815.D

Acq: 19 Mar 2015 2:22

Tgt Ion:232 Resp: 54078

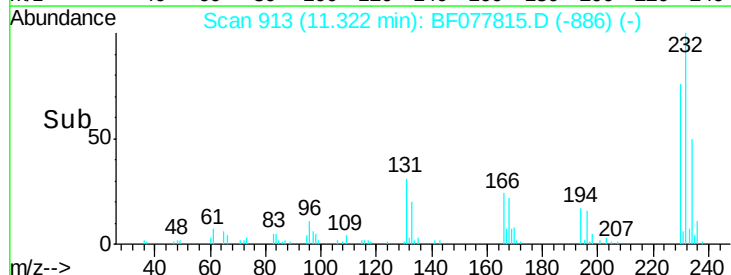
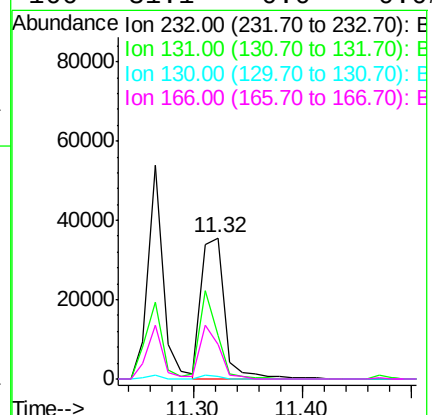
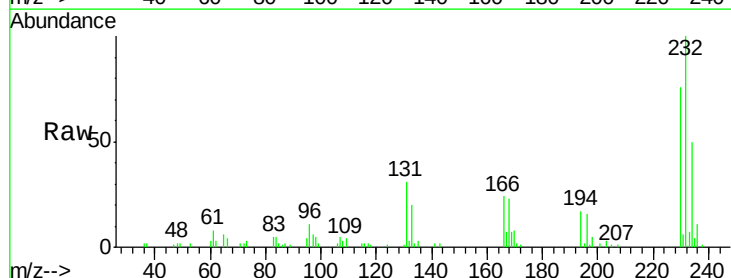
Ion Ratio Lower Upper

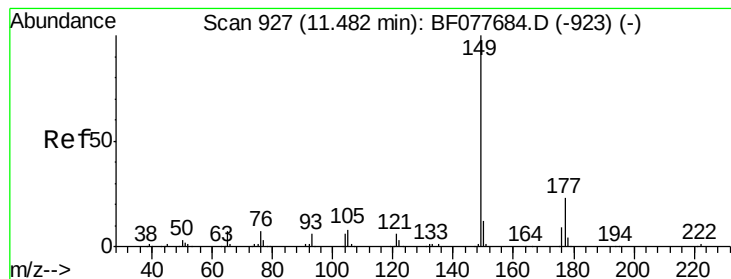
232 100

131 47.1 0.0 0.0#

130 2.1 0.0 0.0#

166 31.1 0.0 0.0#





#59

Diethylphthalate

Concen: 42.15 ng

RT: 11.47 min Scan# 926

Delta R.T. 0.00 min

Lab File: BF077815.D

Acq: 19 Mar 2015 2:22

Instrument :

BNA_F

ClientSampleId :

PB82167BSD

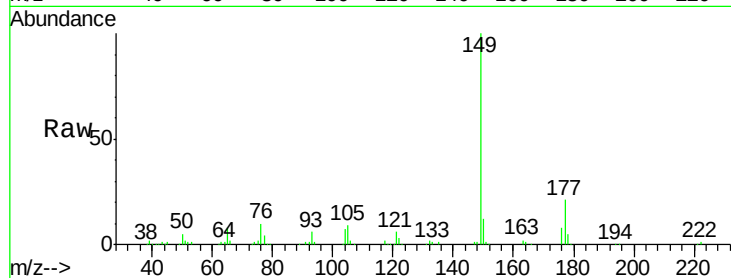
Tgt Ion:149 Resp: 226319

Ion Ratio Lower Upper

149 100

177 21.1 18.3 27.5

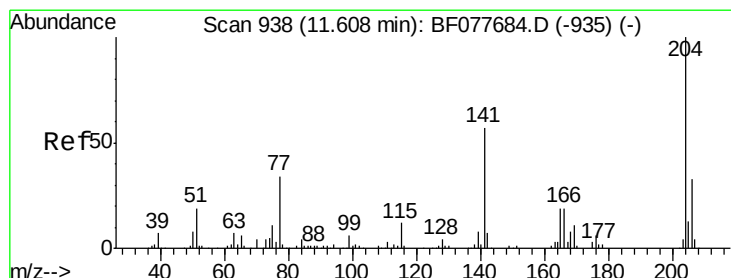
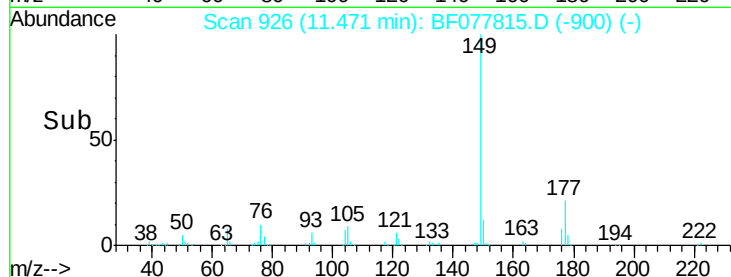
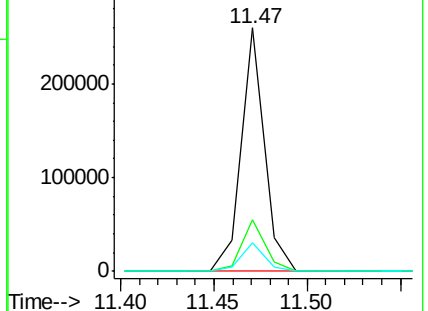
150 12.0 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 41.17 ng

RT: 11.60 min Scan# 937

Delta R.T. 0.00 min

Lab File: BF077815.D

Acq: 19 Mar 2015 2:22

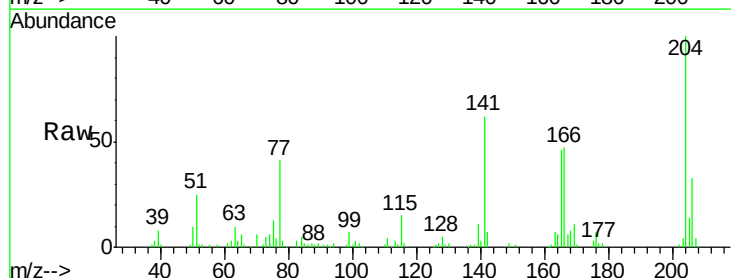
Tgt Ion:204 Resp: 106483

Ion Ratio Lower Upper

204 100

206 32.7 26.6 39.8

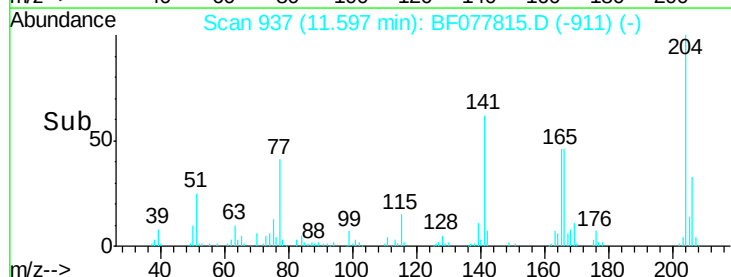
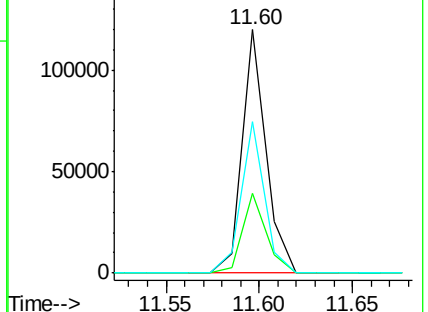
141 62.3 45.2 67.8

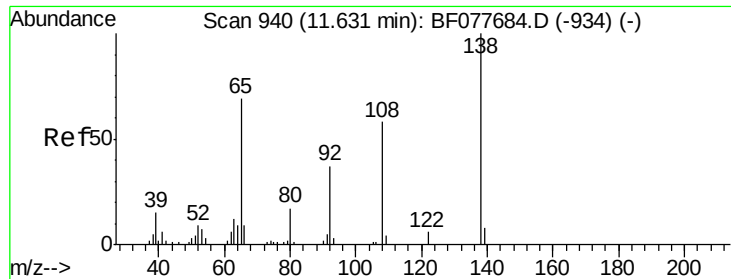


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

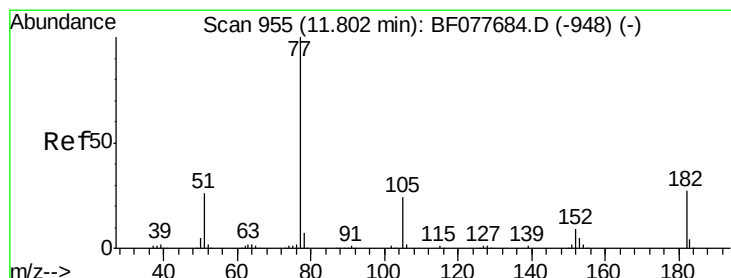
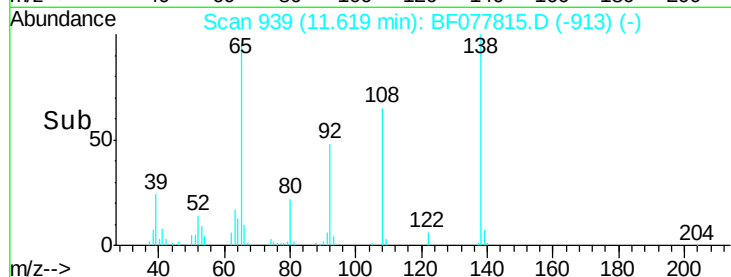
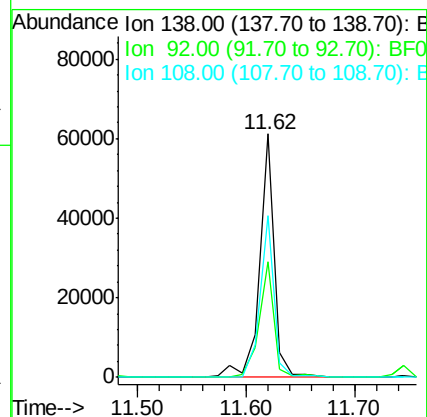
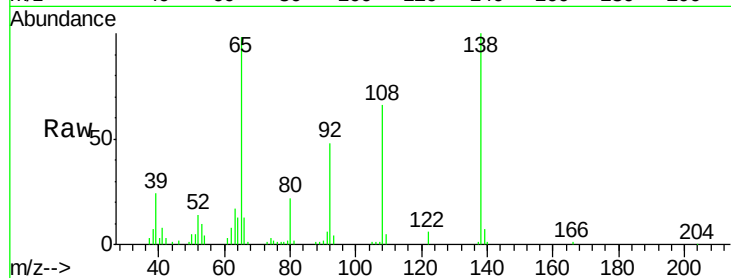




#61
4-Nitroaniline
Concen: 43.89 ng
RT: 11.62 min Scan# 939
Delta R.T. 0.00 min
Lab File: BF077815.D
Acq: 19 Mar 2015 2:22

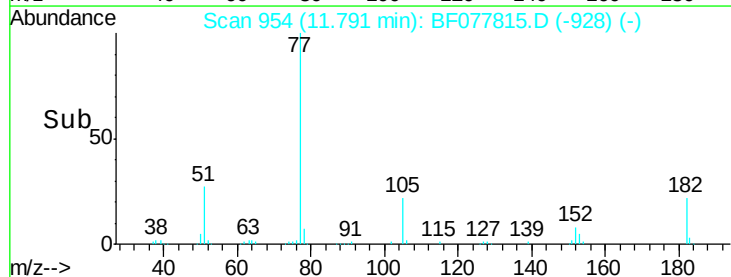
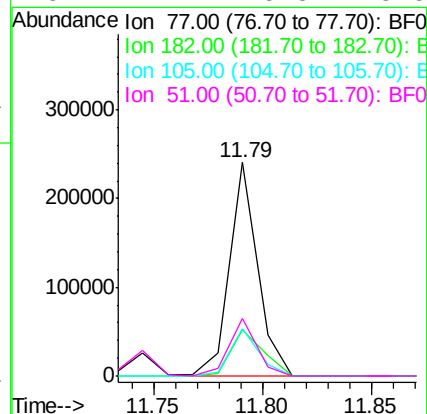
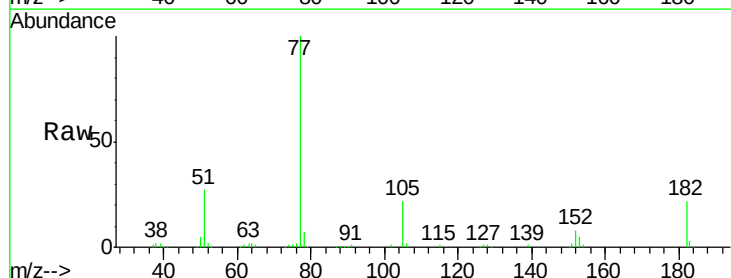
Instrument :
BNA_F
ClientSampleId :
PB82167BSD

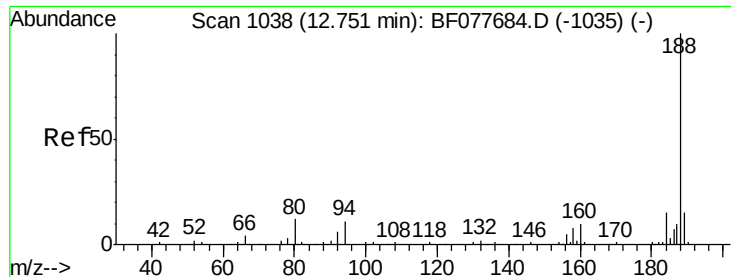
Tgt Ion:138 Resp: 58024
Ion Ratio Lower Upper
138 100
92 47.7 16.7 56.7
108 66.5 37.6 77.6



#62
Azobenzene
Concen: 41.92 ng
RT: 11.79 min Scan# 954
Delta R.T. 0.00 min
Lab File: BF077815.D
Acq: 19 Mar 2015 2:22

Tgt Ion: 77 Resp: 215123
Ion Ratio Lower Upper
77 100
182 21.6 6.5 46.5
105 22.0 3.8 43.8
51 27.2 5.5 45.5

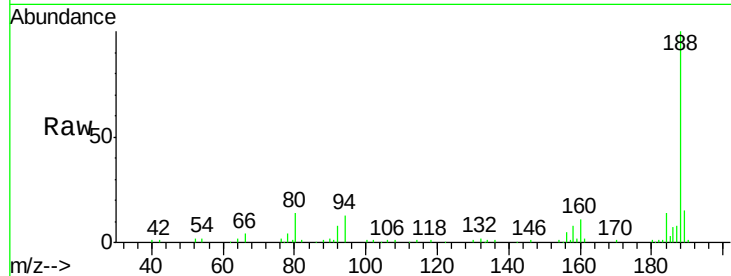




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.74 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: BF077815.D
 Acq: 19 Mar 2015 2:22

Instrument :
 BNA_F
 ClientSampleId :
 PB82167BSD

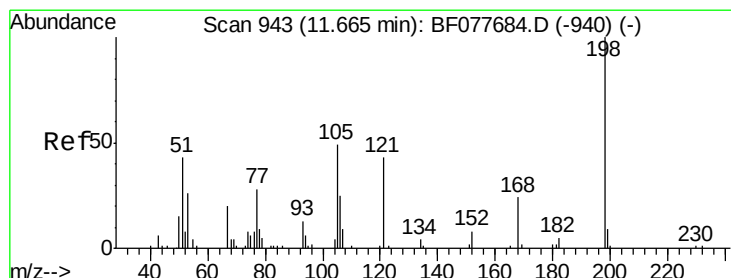
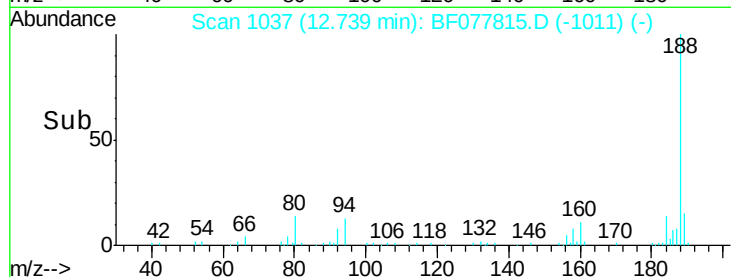
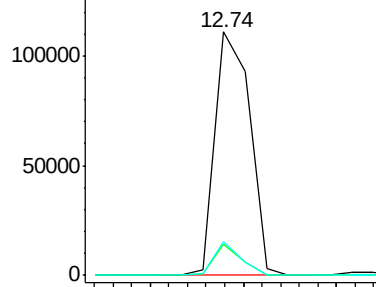
Tgt Ion	Ratio	Resp	Lower	Upper
188	100	144124		
94	12.8		8.7	13.1
80	13.6		9.3	13.9



Abundance Ion 188.00 (187.70 to 188.70): E

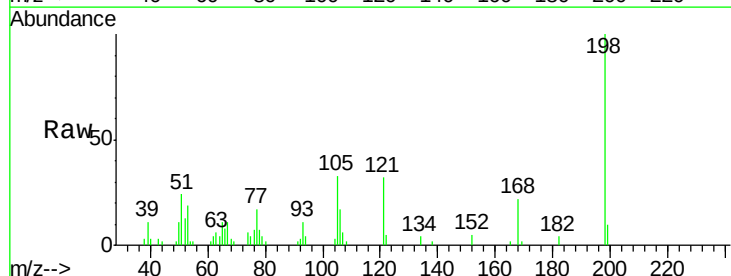
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64
 4,6-Dinitro-2-methylphenol
 Concen: 38.60 ng
 RT: 11.67 min Scan# 943
 Delta R.T. 0.00 min
 Lab File: BF077815.D
 Acq: 19 Mar 2015 2:22

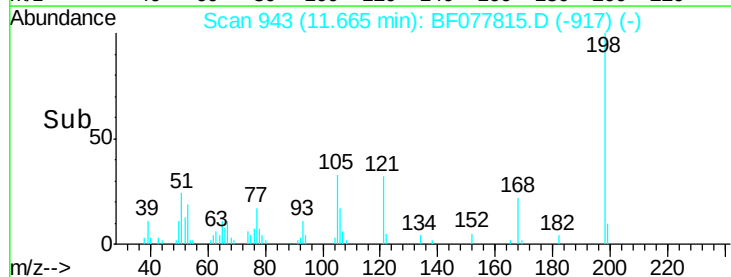
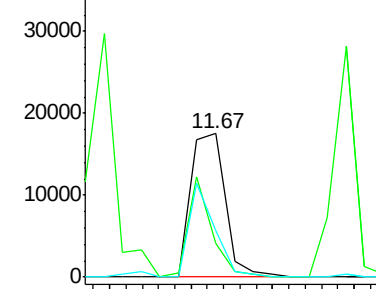
Tgt Ion	Ratio	Resp	Lower	Upper
198	100	25636		
51	23.8		28.8	68.8#
105	32.6		30.5	70.5

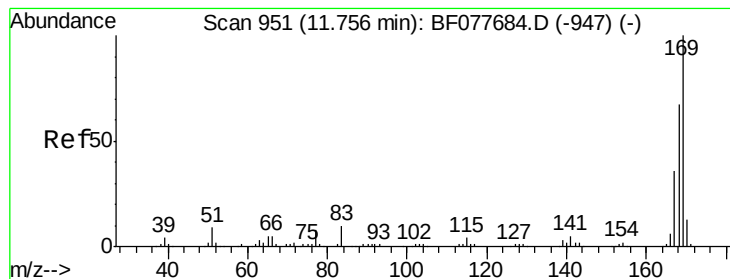


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 43.73 ng

RT: 11.75 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF077815.D

Acq: 19 Mar 2015 2:22

Instrument :

BNA_F

ClientSampleId :

PB82167BSD

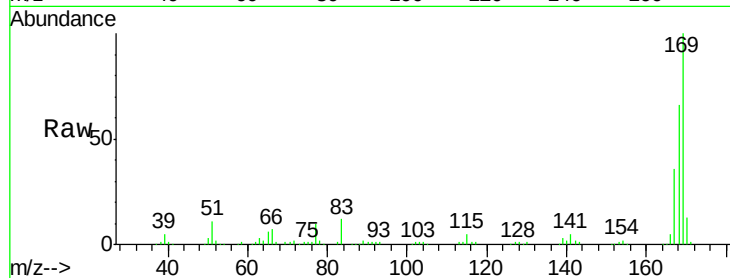
Tgt Ion:169 Resp: 209879

Ion Ratio Lower Upper

169 100

168 65.8 53.9 80.9

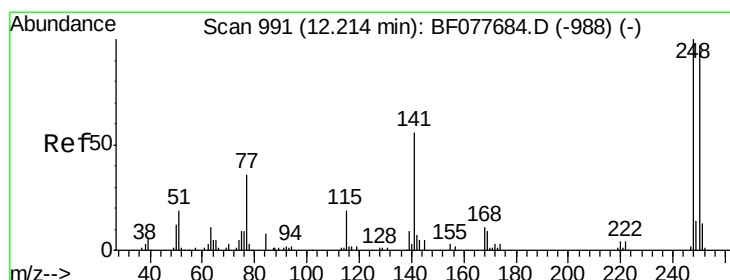
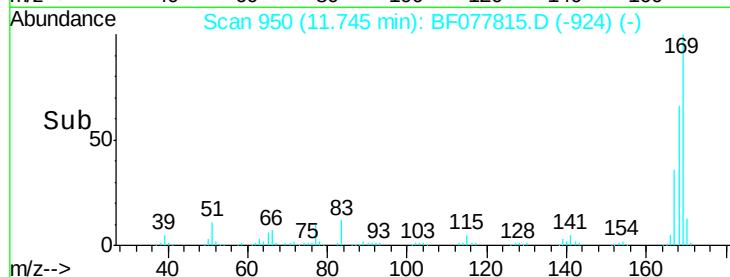
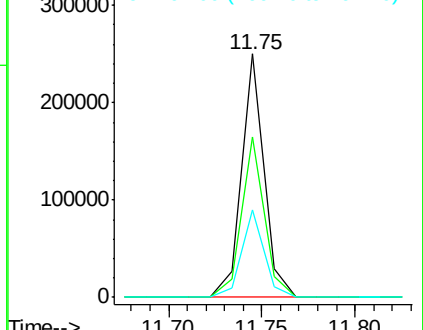
167 35.7 28.9 43.3



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: 41.71 ng

RT: 12.20 min Scan# 990

Delta R.T. 0.00 min

Lab File: BF077815.D

Acq: 19 Mar 2015 2:22

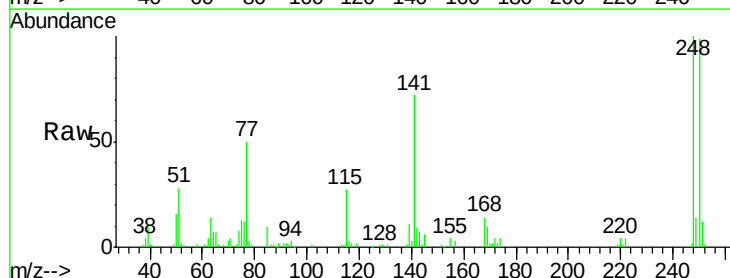
Tgt Ion:248 Resp: 64160

Ion Ratio Lower Upper

248 100

250 99.3 77.4 116.0

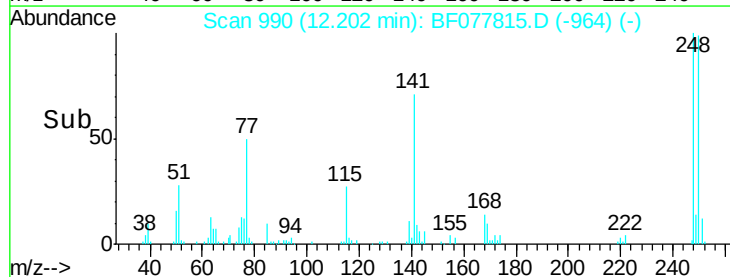
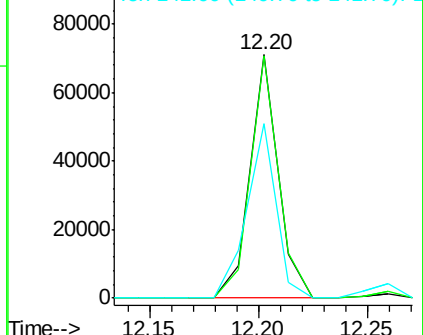
141 71.8 45.2 67.8#

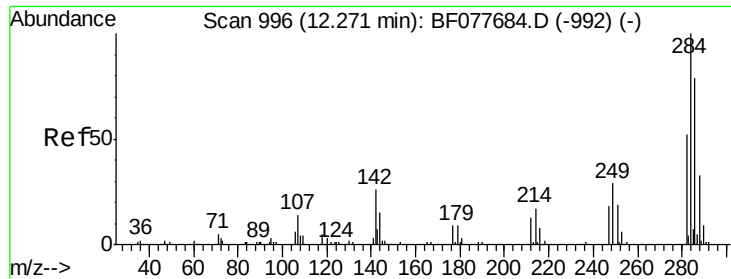


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

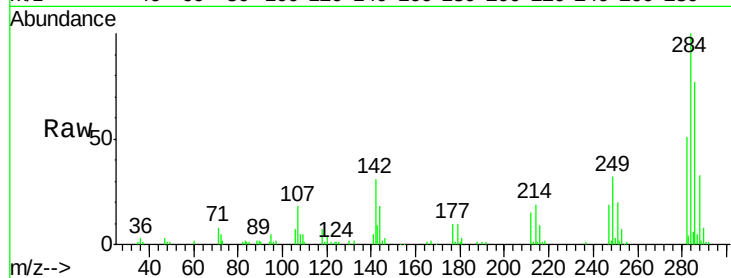




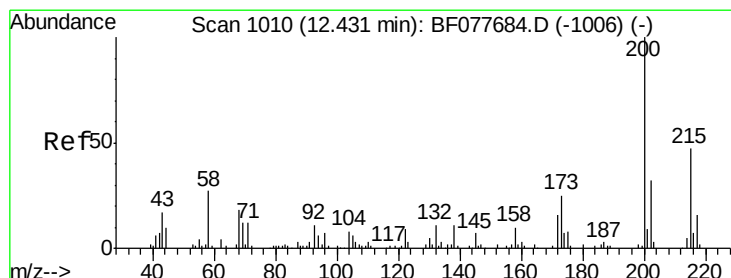
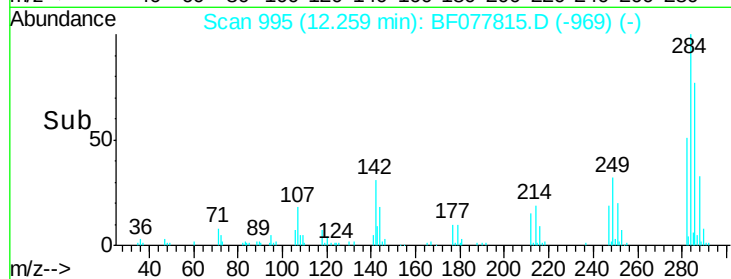
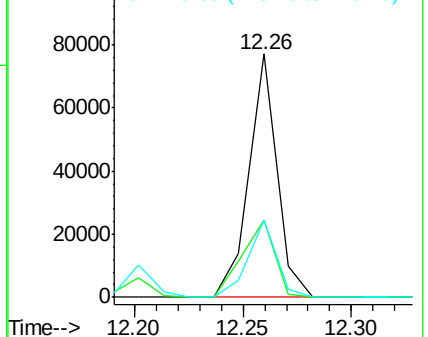
#67
Hexachlorobenzene
Concen: 40.90 ng
RT: 12.26 min Scan# 995
Delta R.T. 0.00 min
Lab File: BF077815.D
Acq: 19 Mar 2015 2:22

Instrument :
BNA_F
ClientSampleId :
PB82167BSD

Tgt Ion:284 Resp: 69125
Ion Ratio Lower Upper
284 100
142 31.5 20.4 30.6#
249 31.6 23.8 35.6

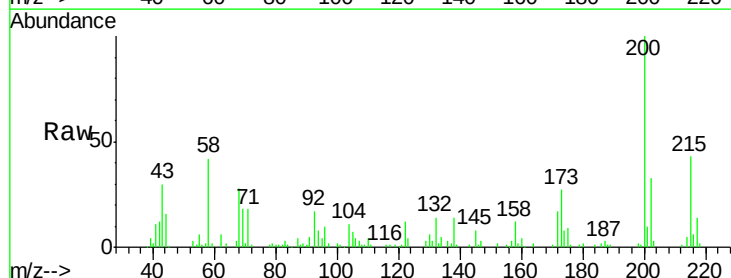


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

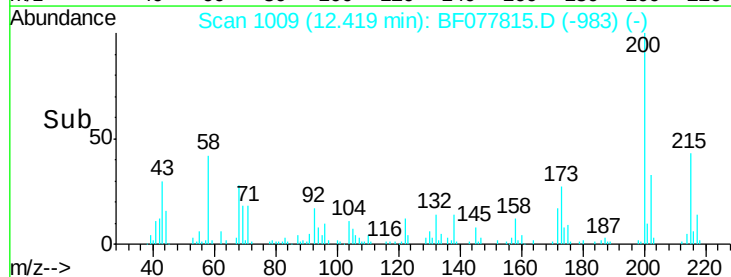
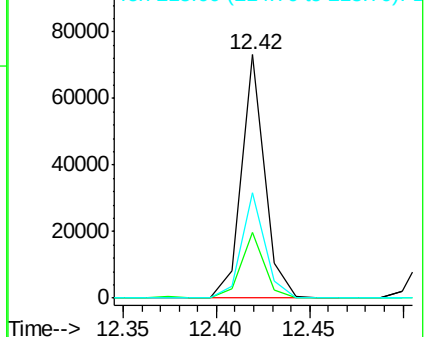


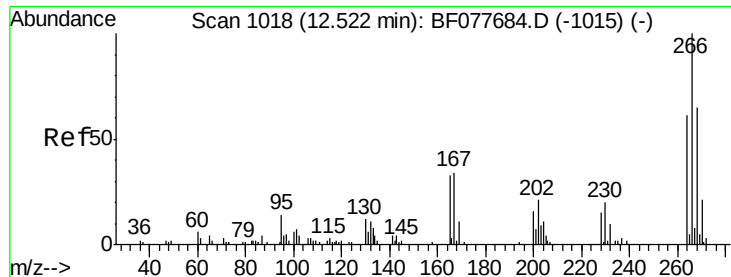
#68
Atrazine
Concen: 47.01 ng
RT: 12.42 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF077815.D
Acq: 19 Mar 2015 2:22

Tgt Ion:200 Resp: 63228
Ion Ratio Lower Upper
200 100
173 26.9 4.8 44.8
215 43.4 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: 81.96 ng

RT: 12.51 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BF077815.D

Acq: 19 Mar 2015 2:22

Instrument :

BNA_F

ClientSampleId :

PB82167BSD

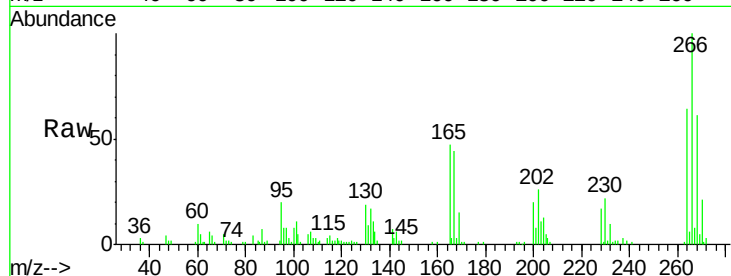
Tgt Ion:266 Resp: 72613

Ion Ratio Lower Upper

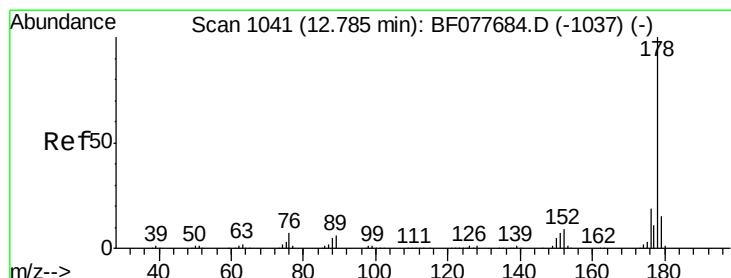
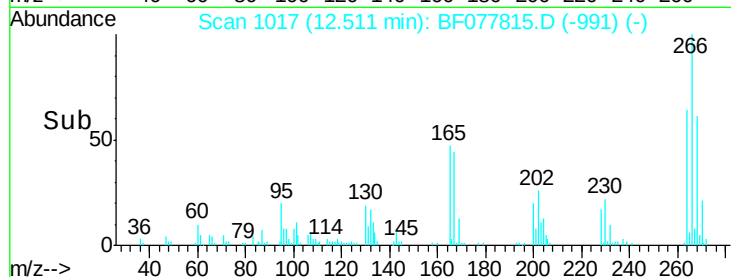
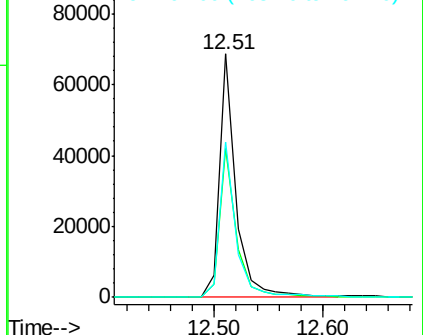
266 100

268 61.3 52.0 78.0

264 64.0 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: 43.70 ng

RT: 12.77 min Scan# 1040

Delta R.T. 0.00 min

Lab File: BF077815.D

Acq: 19 Mar 2015 2:22

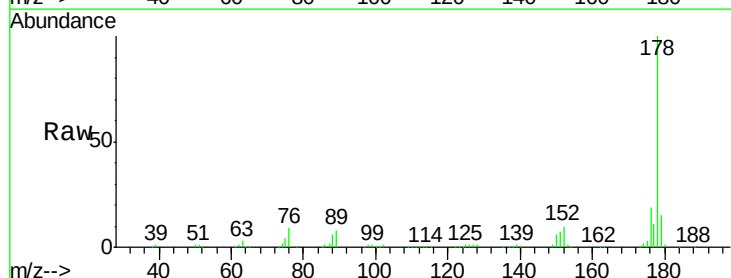
Tgt Ion:178 Resp: 361548

Ion Ratio Lower Upper

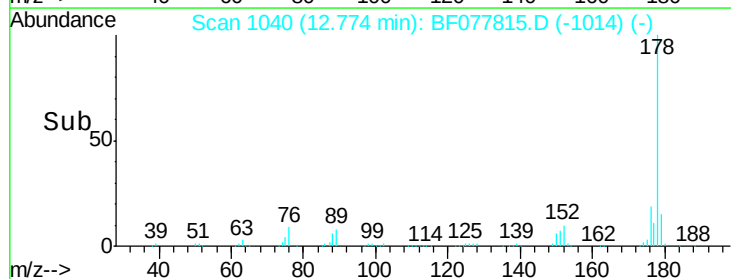
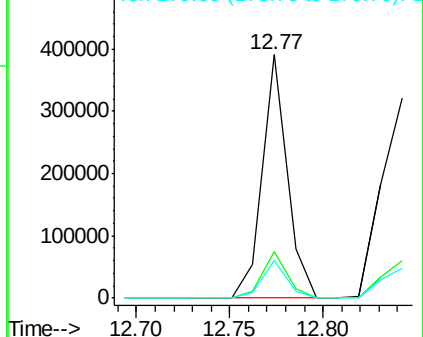
178 100

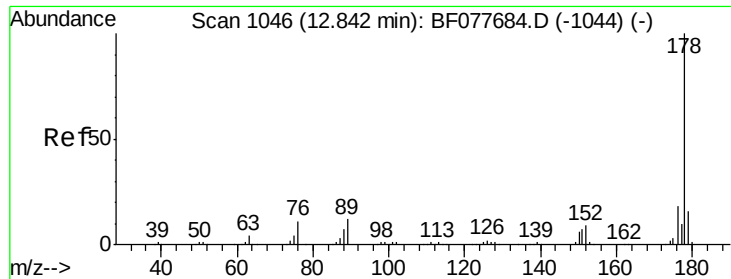
176 19.0 15.2 22.8

179 15.5 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

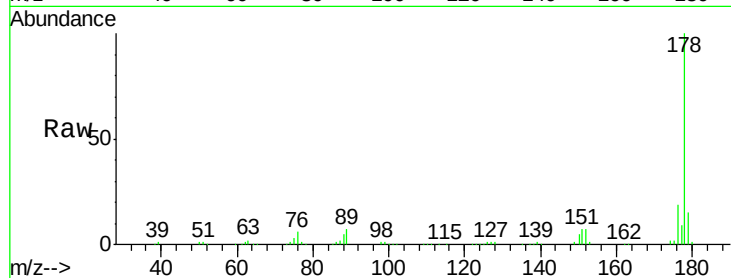




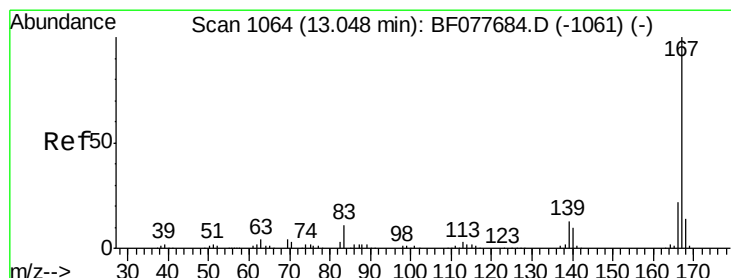
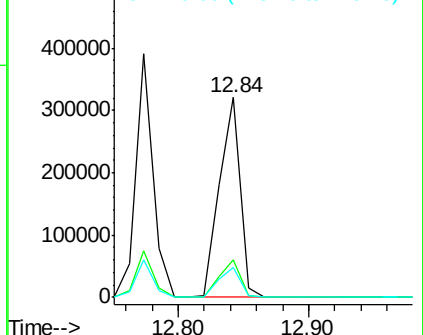
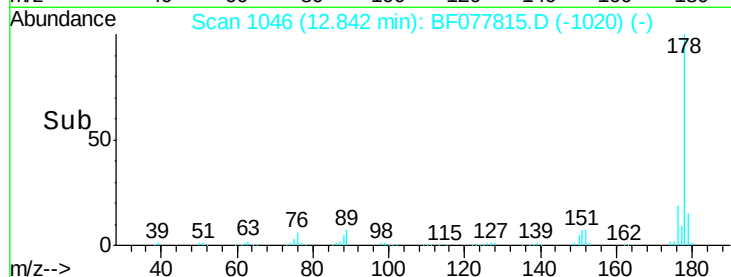
#71
 Anthracene
 Concen: 44.01 ng
 RT: 12.84 min Scan# 1046
 Delta R.T. 0.00 min
 Lab File: BF077815.D
 Acq: 19 Mar 2015 2:22

Instrument :
 BNA_F
 ClientSampleId :
 PB82167BSD

Tgt Ion:178 Resp: 359775
 Ion Ratio Lower Upper
 178 100
 176 18.8 14.6 22.0
 179 15.2 12.6 19.0

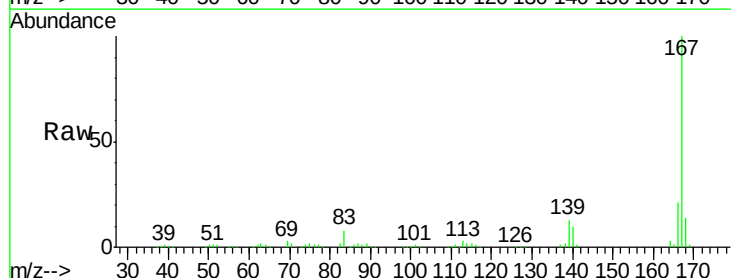


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

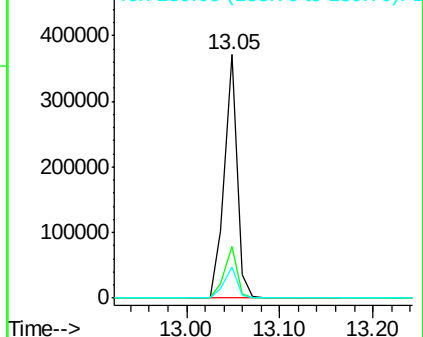
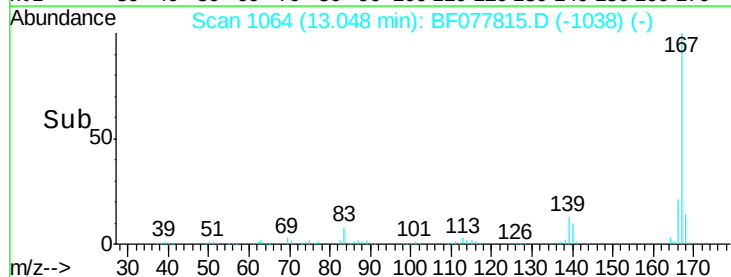


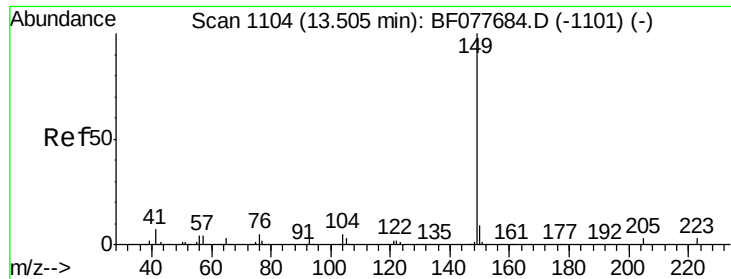
#72
 Carbazole
 Concen: 45.67 ng
 RT: 13.05 min Scan# 1064
 Delta R.T. 0.00 min
 Lab File: BF077815.D
 Acq: 19 Mar 2015 2:22

Tgt Ion:167 Resp: 355098
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.2 25.8
 139 12.7 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

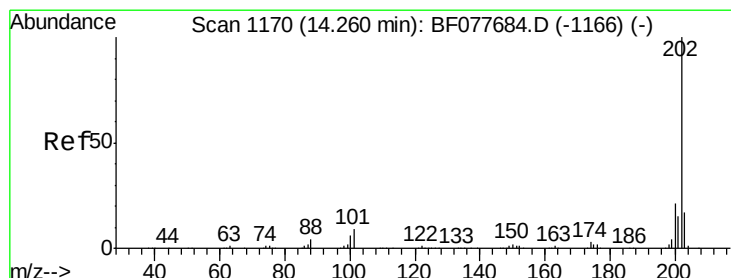
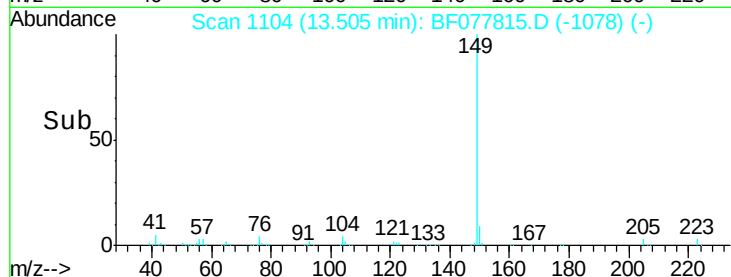
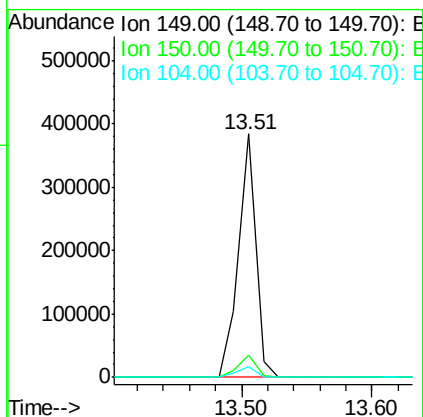
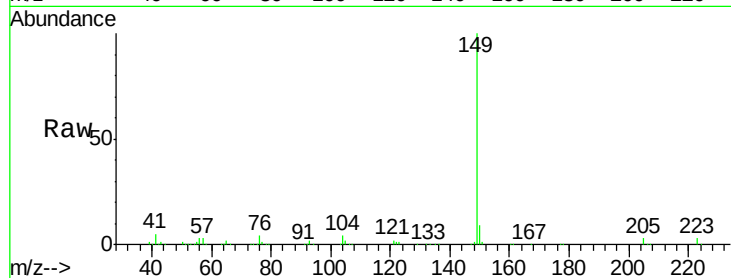




#73
Di-n-butylphthalate
Concen: 40.51 ng
RT: 13.51 min Scan# 1104
Delta R.T. 0.00 min
Lab File: BF077815.D
Acq: 19 Mar 2015 2:22

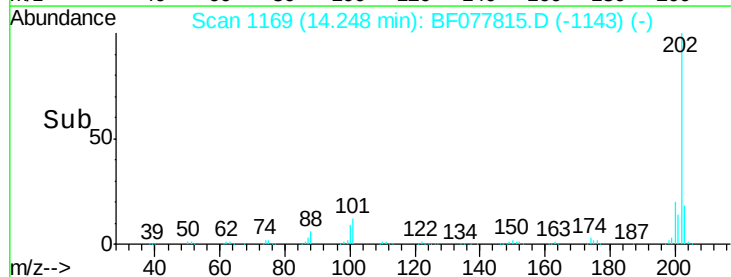
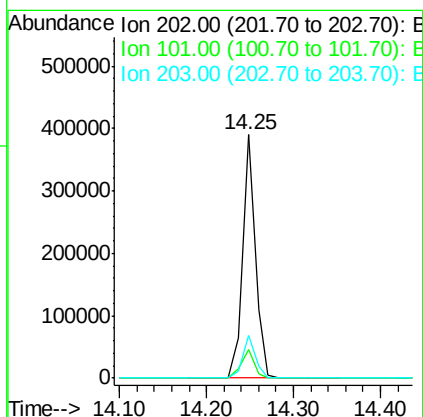
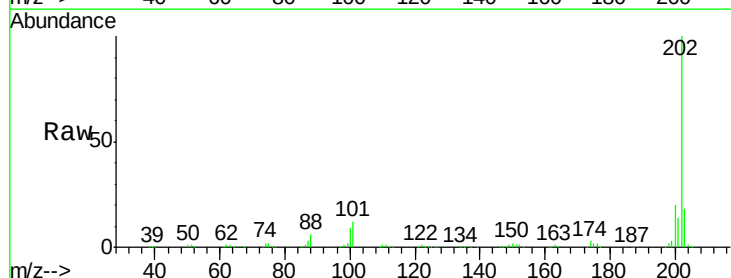
Instrument :
BNA_F
ClientSampleId :
PB82167BSD

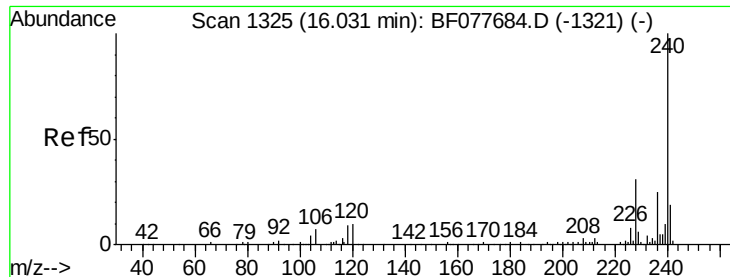
Tgt Ion:149 Resp: 353193
Ion Ratio Lower Upper
149 100
150 9.0 7.5 11.3
104 4.3 3.7 5.5



#74
Fluoranthene
Concen: 43.12 ng
RT: 14.25 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BF077815.D
Acq: 19 Mar 2015 2:22

Tgt Ion:202 Resp: 393494
Ion Ratio Lower Upper
202 100
101 11.6 0.0 28.7
203 17.5 0.0 37.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.03 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BF077815.D

Acq: 19 Mar 2015 2:22

Instrument :

BNA_F

ClientSampleId :

PB82167BSD

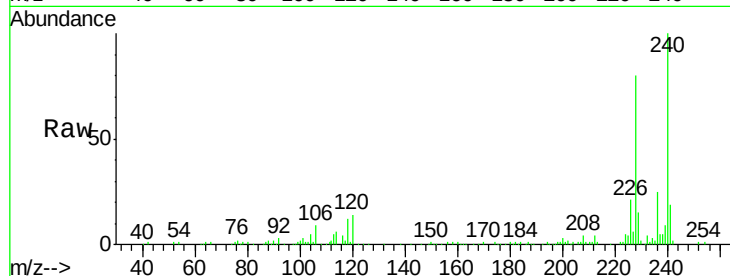
Tgt Ion:240 Resp: 166055

Ion Ratio Lower Upper

240 100

120 13.5 8.2 12.2#

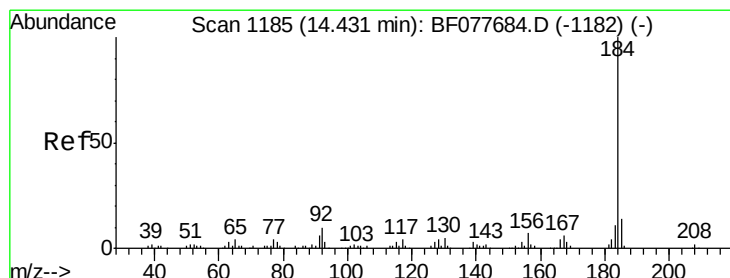
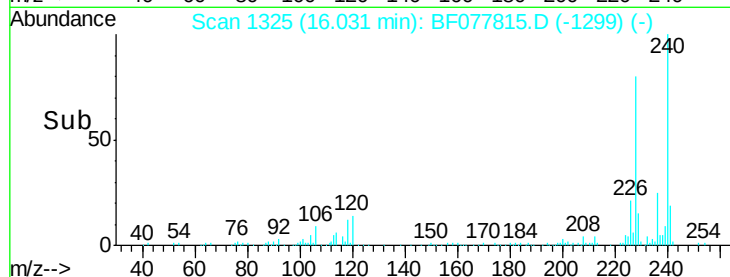
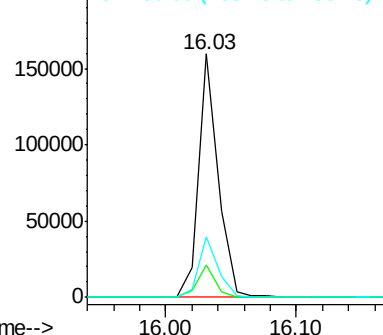
236 25.0 20.0 30.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 30.32 ng

RT: 14.43 min Scan# 1185

Delta R.T. 0.00 min

Lab File: BF077815.D

Acq: 19 Mar 2015 2:22

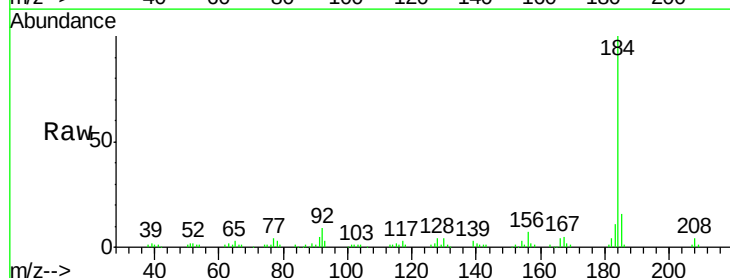
Tgt Ion:184 Resp: 125043

Ion Ratio Lower Upper

184 100

185 15.5 11.3 16.9

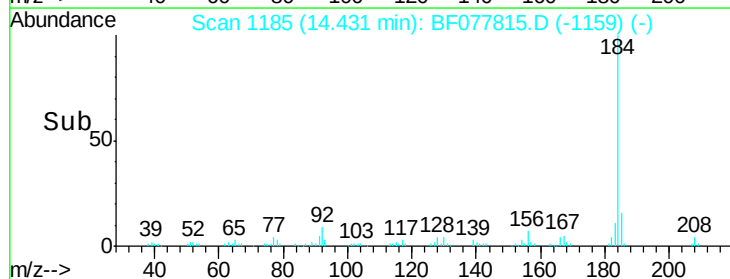
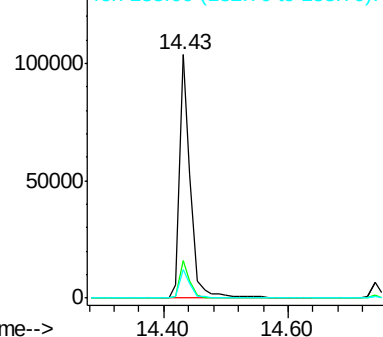
183 11.5 8.9 13.3

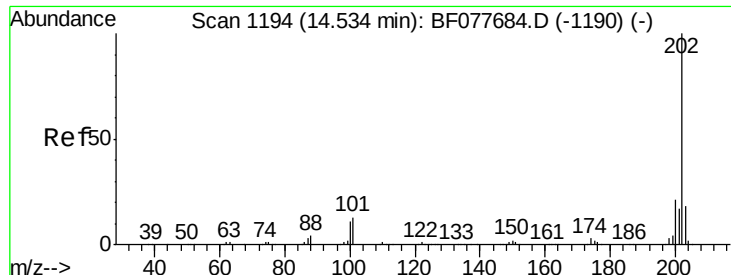


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

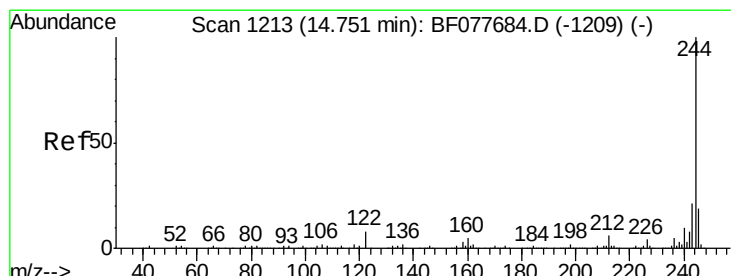
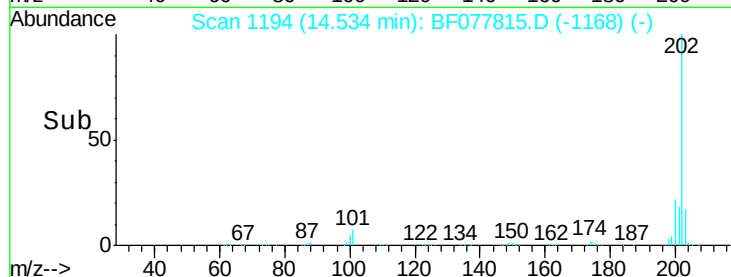
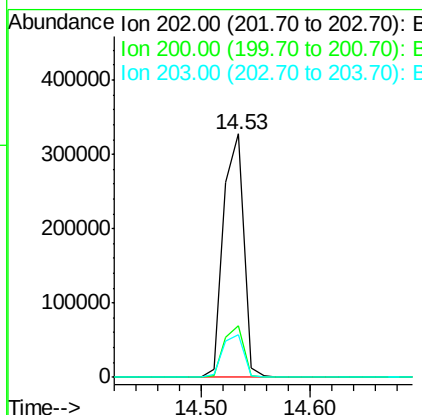
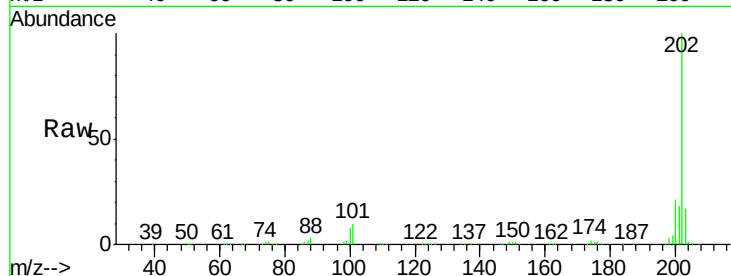




#77
 Pyrene
 Concen: 40.54 ng
 RT: 14.53 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BF077815.D
 Acq: 19 Mar 2015 2:22

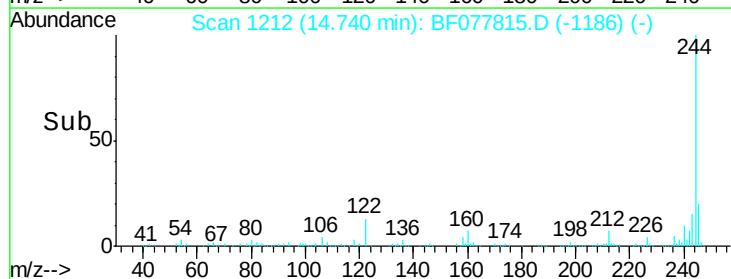
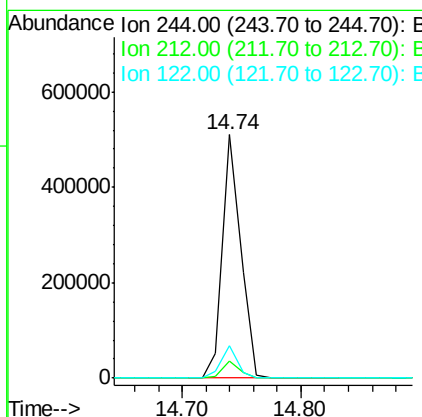
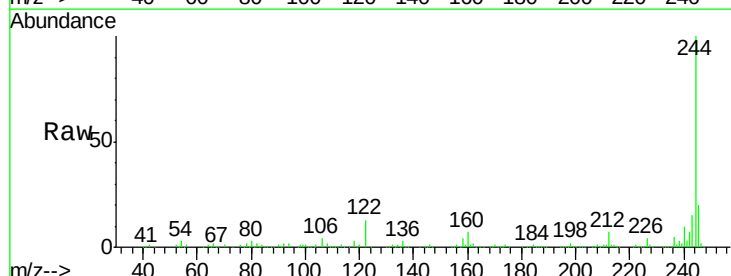
Instrument :
 BNA_F
 ClientSampleId :
 PB82167BSD

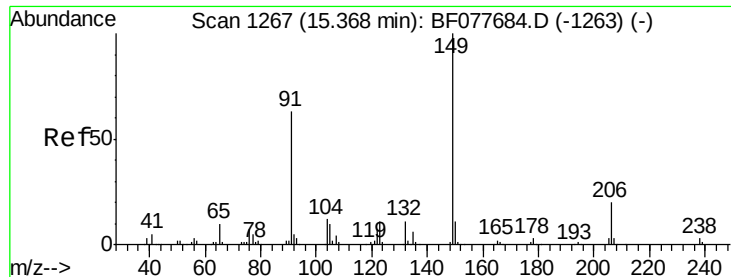
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.9	25.3
203	17.4	14.1	21.1



#78
 Terphenyl-d14
 Concen: 79.85 ng
 RT: 14.74 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BF077815.D
 Acq: 19 Mar 2015 2:22

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	4.9	7.3
122	13.4	6.2	9.4

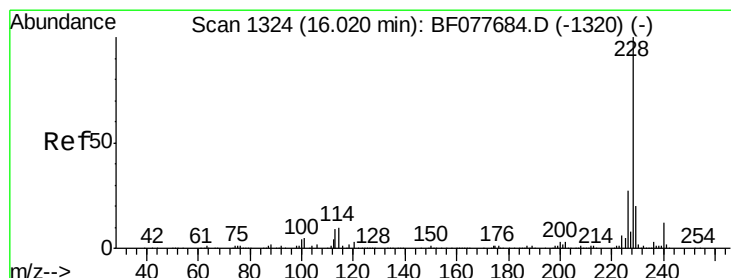
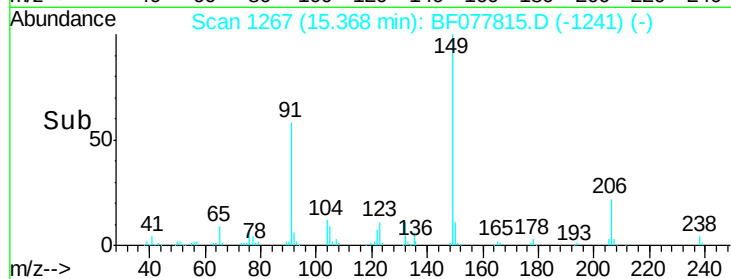
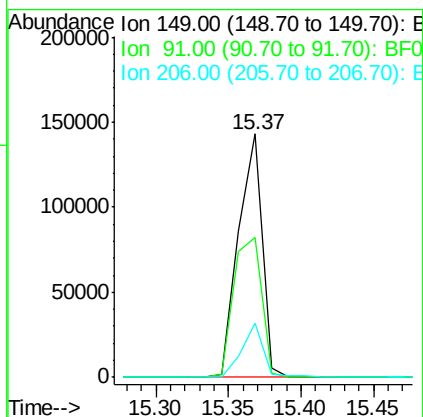
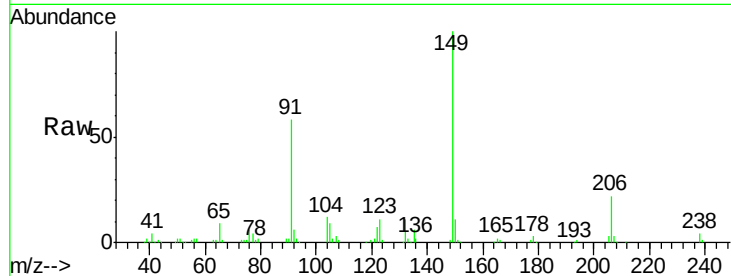




#79
Butylbenzylphthalate
Concen: 39.54 ng
RT: 15.37 min Scan# 1267
Delta R.T. 0.00 min
Lab File: BF077815.D
Acq: 19 Mar 2015 2:22

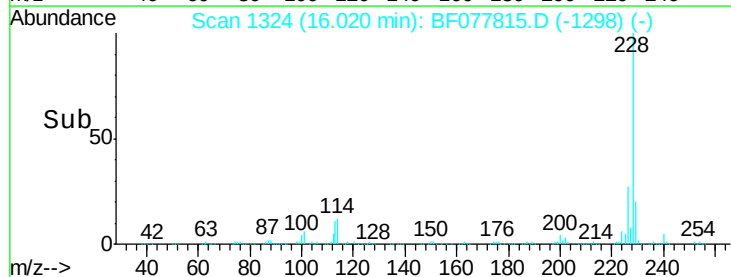
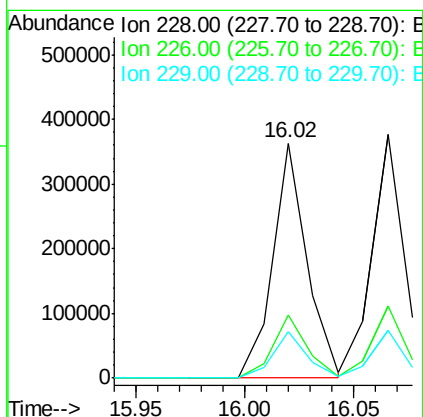
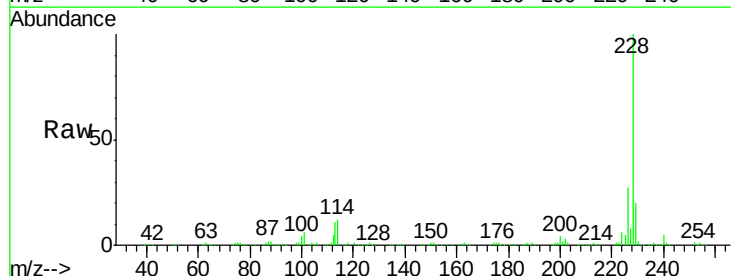
Instrument :
BNA_F
ClientSampleId :
PB82167BSD

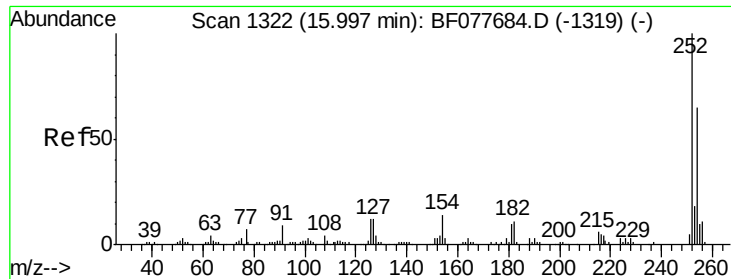
Tgt Ion:149 Resp: 162804
Ion Ratio Lower Upper
149 100
91 57.6 50.1 75.1
206 22.2 16.2 24.2



#80
Benzo(a)anthracene
Concen: 40.86 ng
RT: 16.02 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BF077815.D
Acq: 19 Mar 2015 2:22

Tgt Ion:228 Resp: 402224
Ion Ratio Lower Upper
228 100
226 27.1 21.7 32.5
229 19.7 16.0 24.0

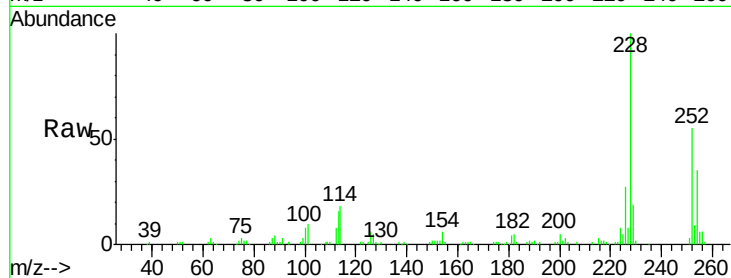




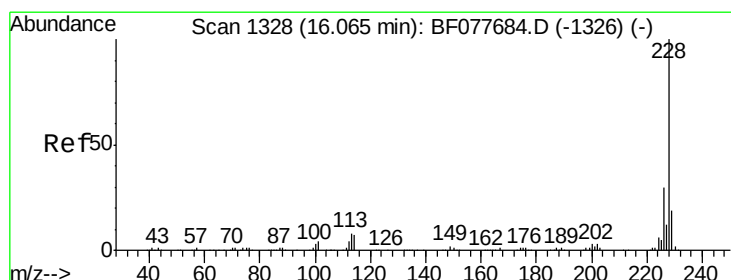
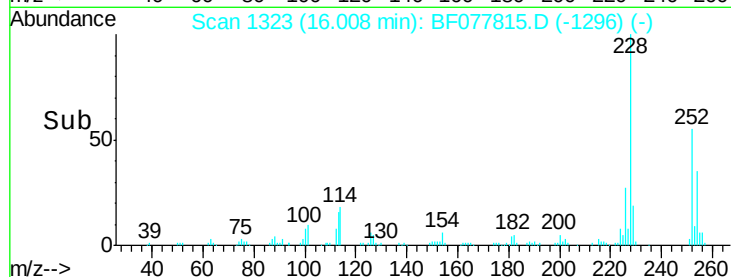
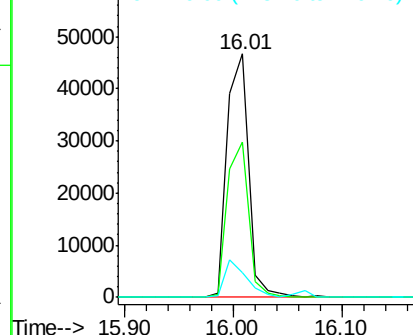
#81
 3,3'-Dichlorobenzidine
 Concen: 19.84 ng
 RT: 16.01 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: BF077815.D
 Acq: 19 Mar 2015 2:22

Instrument :
 BNA_F
 ClientSampleId :
 PB82167BSD

Tgt Ion:252 Resp: 64421
 Ion Ratio Lower Upper
 252 100
 254 63.6 51.9 77.9
 126 10.4 9.8 14.8

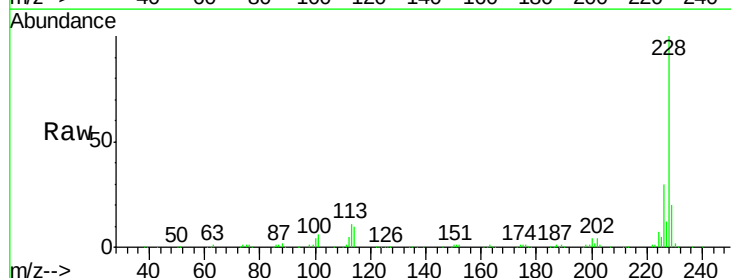


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

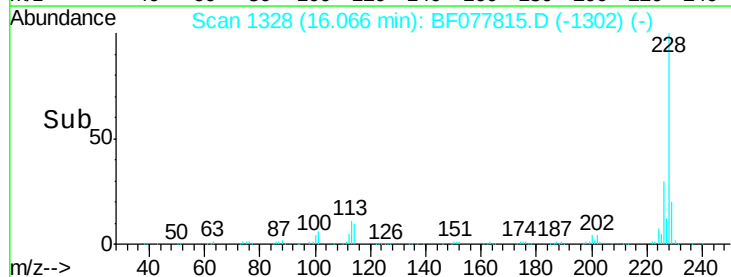
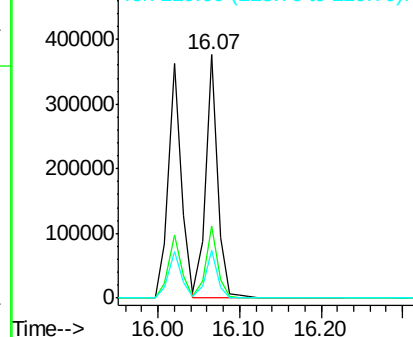


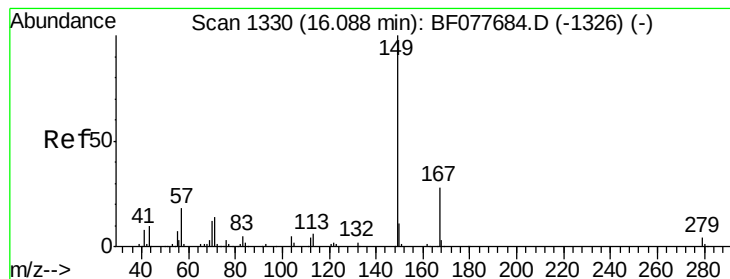
#82
 Chrysene
 Concen: 44.59 ng
 RT: 16.07 min Scan# 1328
 Delta R.T. 0.00 min
 Lab File: BF077815.D
 Acq: 19 Mar 2015 2:22

Tgt Ion:228 Resp: 394692
 Ion Ratio Lower Upper
 228 100
 226 29.8 24.1 36.1
 229 19.8 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: 37.23 ng

RT: 16.09 min Scan# 1330

Delta R.T. 0.00 min

Lab File: BF077815.D

Acq: 19 Mar 2015 2:22

Instrument :

BNA_F

ClientSampleId :

PB82167BSD

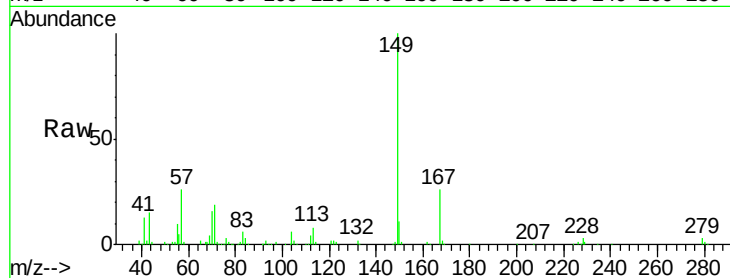
Tgt Ion:149 Resp: 232166

Ion Ratio Lower Upper

149 100

167 26.1 22.4 33.6

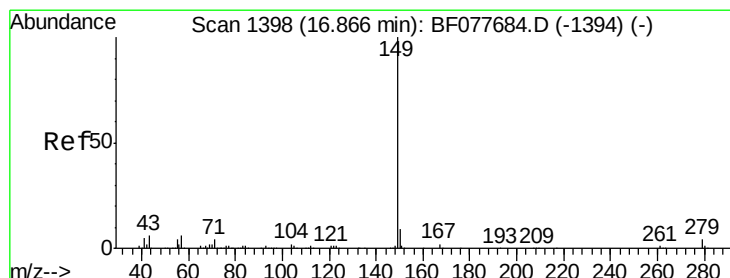
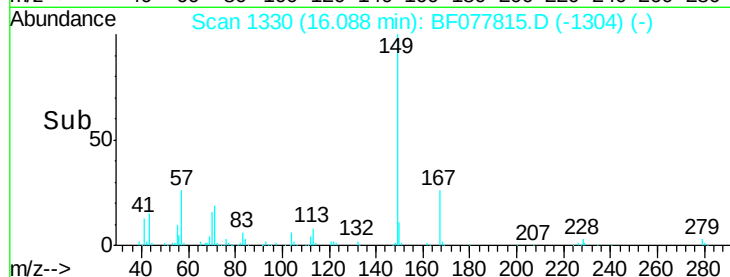
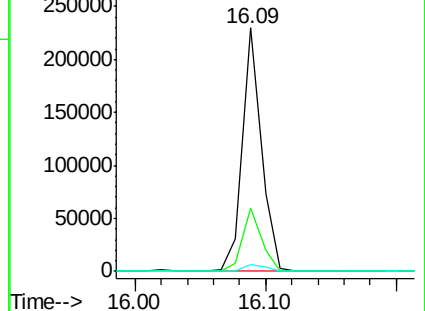
279 2.6 3.4 5.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 36.43 ng

RT: 16.89 min Scan# 1400

Delta R.T. 0.01 min

Lab File: BF077815.D

Acq: 19 Mar 2015 2:22

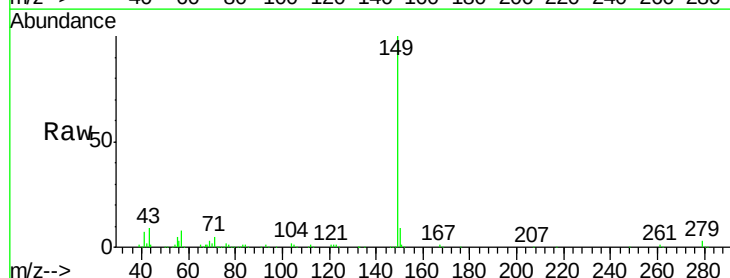
Tgt Ion:149 Resp: 388486

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

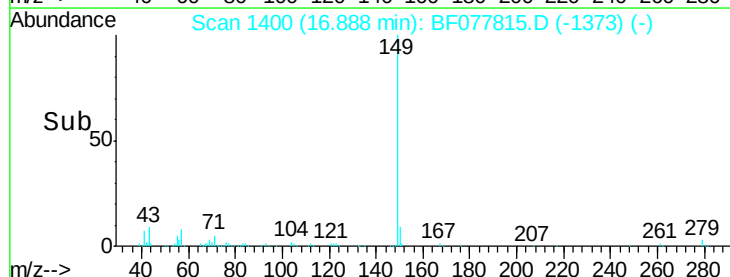
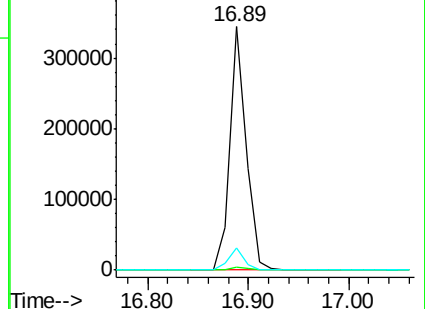
43 9.1 7.3 10.9

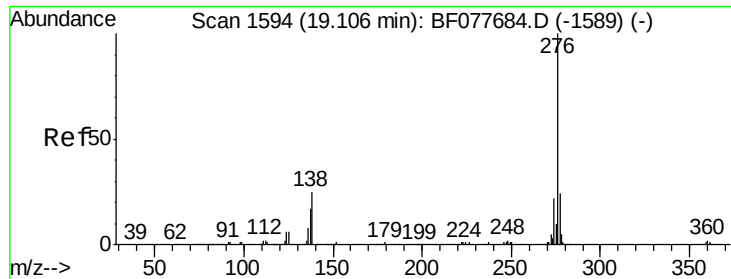


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

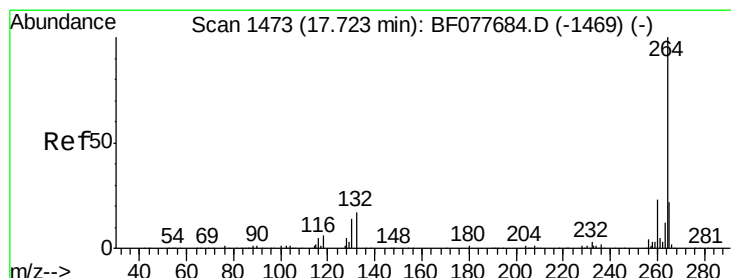
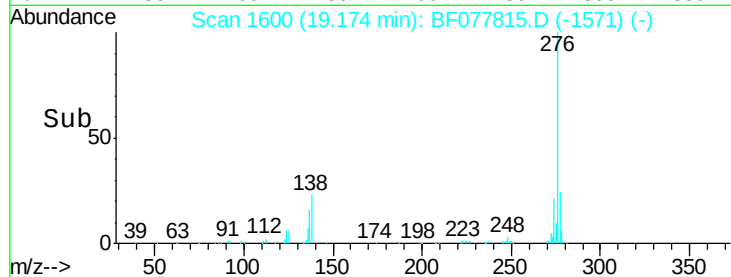
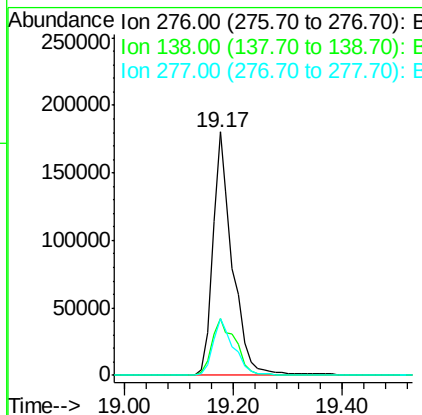
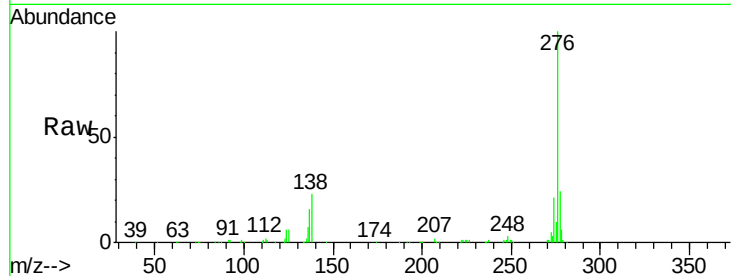




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.20 ng
 RT: 19.17 min Scan# 1600
 Delta R.T. 0.03 min
 Lab File: BF077815.D
 Acq: 19 Mar 2015 2:22

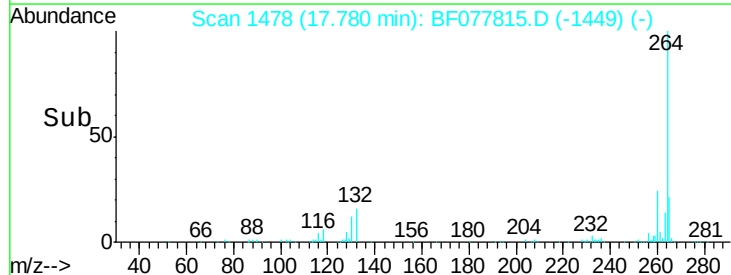
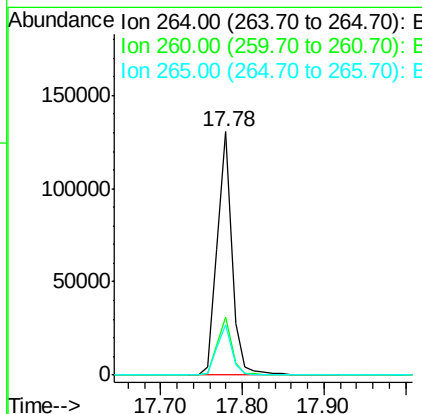
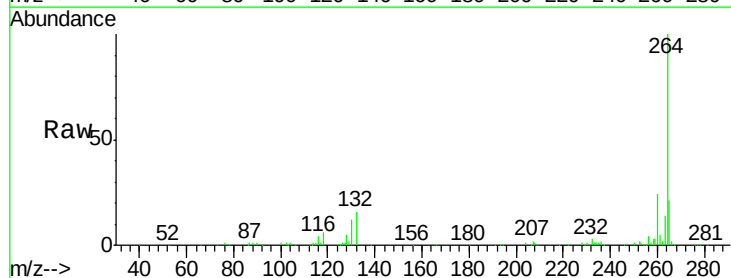
Instrument :
 BNA_F
 ClientSampleId :
 PB82167BSD

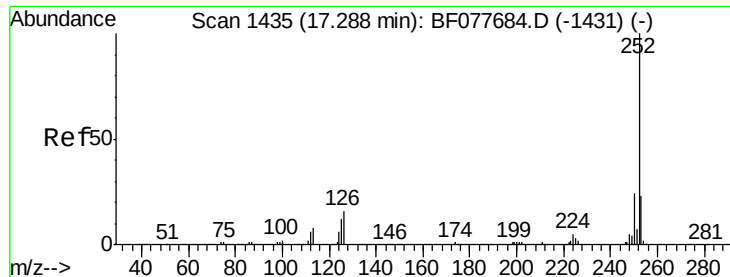
Tgt Ion: 276 Resp: 455117
 Ion Ratio Lower Upper
 276 100
 138 28.4 0.0 0.0#
 277 24.8 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.78 min Scan# 1478
 Delta R.T. 0.03 min
 Lab File: BF077815.D
 Acq: 19 Mar 2015 2:22

Tgt Ion: 264 Resp: 164967
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.6 27.8
 265 20.9 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 37.84 ng

RT: 17.33 min Scan# 1439

Delta R.T. 0.02 min

Lab File: BF077815.D

Acq: 19 Mar 2015 2:22

Instrument :

BNA_F

ClientSampleId :

PB82167BSD

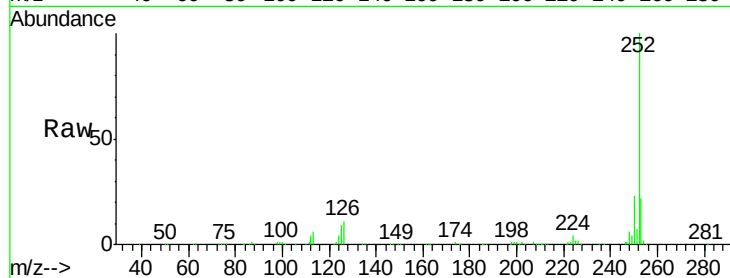
Tgt Ion:252 Resp: 407475

Ion Ratio Lower Upper

252 100

253 21.6 18.0 27.0

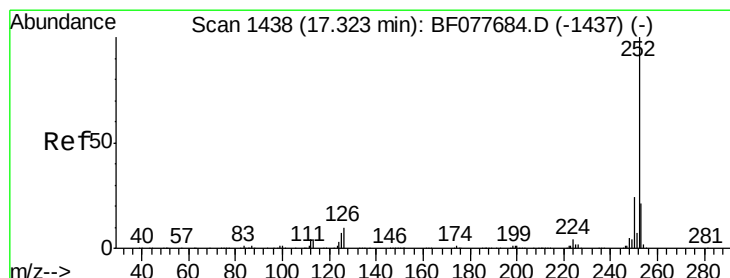
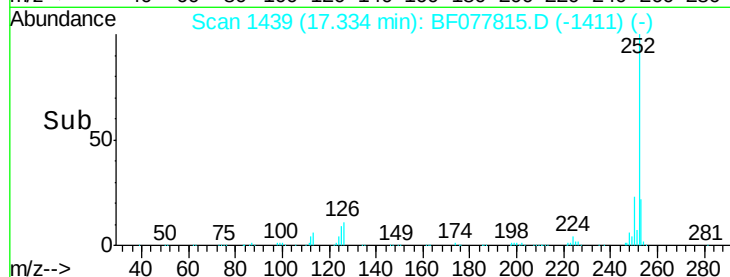
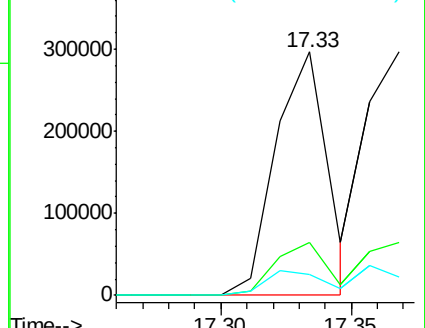
125 8.8 9.9 14.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 48.44 ng

RT: 17.33 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF077815.D

Acq: 19 Mar 2015 2:22

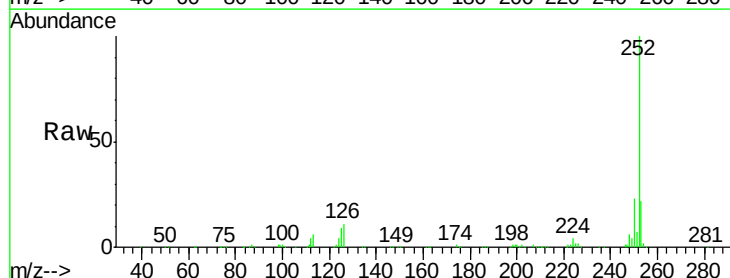
Tgt Ion:252 Resp: 407475

Ion Ratio Lower Upper

252 100

253 21.6 17.2 25.8

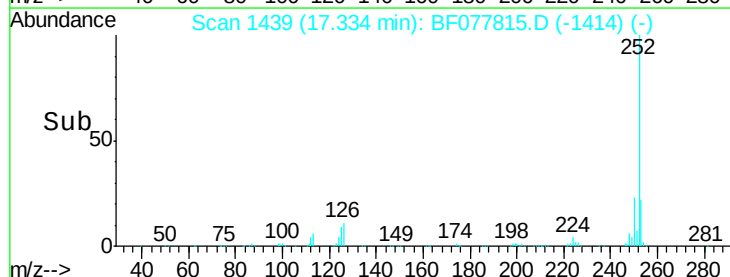
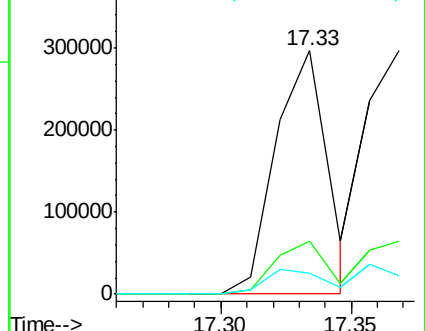
125 8.8 8.1 12.1

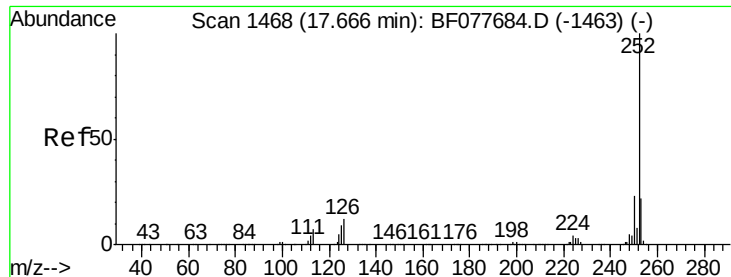


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 44.29 ng

RT: 17.71 min Scan# 1472

Delta R.T. 0.02 min

Lab File: BF077815.D

Acq: 19 Mar 2015 2:22

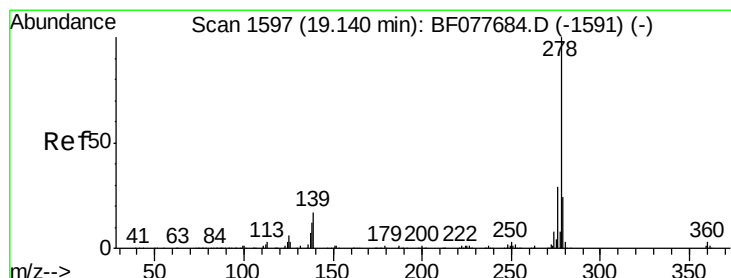
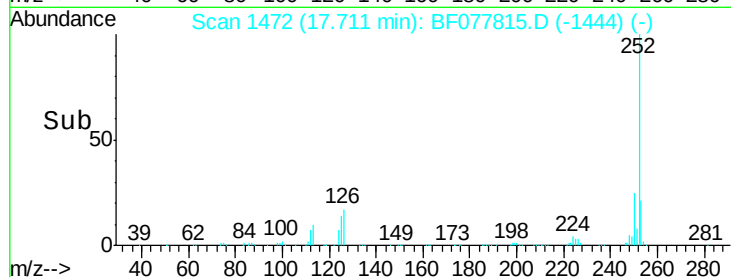
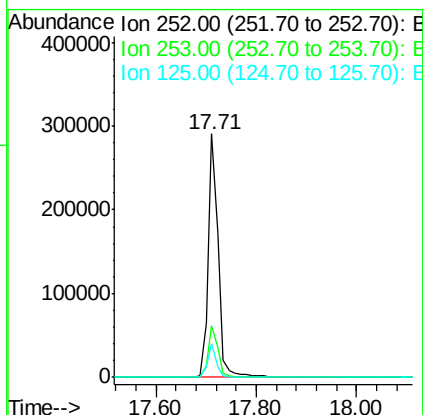
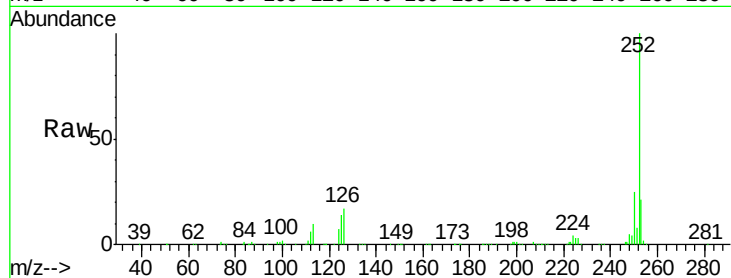
Instrument :

BNA_F

ClientSampleId :

PB82167BSD

Tgt Ion:	252	Resp:	397994
Ion Ratio	Lower	Upper	
252	100		
253	21.3	17.6	26.4
125	13.7	7.4	11.2#



#90

Dibenzo(a,h)anthracene

Concen: 42.72 ng

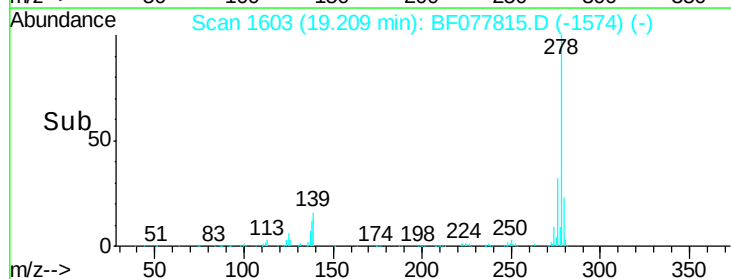
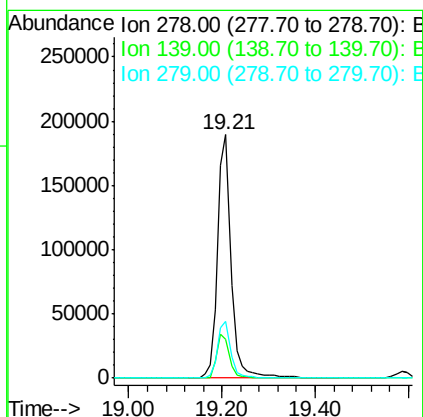
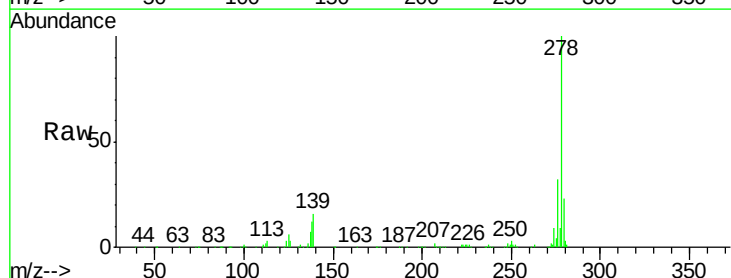
RT: 19.21 min Scan# 1603

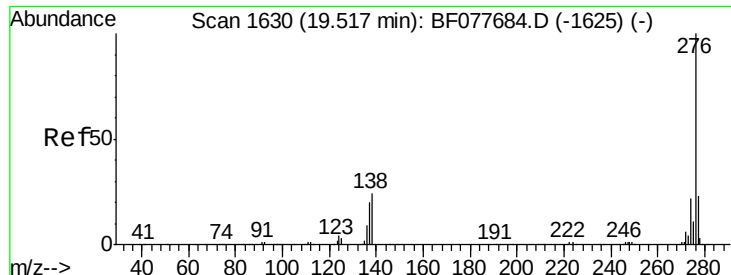
Delta R.T. 0.03 min

Lab File: BF077815.D

Acq: 19 Mar 2015 2:22

Tgt Ion:	278	Resp:	380746
Ion Ratio	Lower	Upper	
278	100		
139	15.8	13.4	20.0
279	23.4	19.0	28.4





#91

Benzo(g,h,i)perylene

Concen: 42.97 ng

RT: 19.59 min Scan# 1636

Delta R.T. 0.03 min

Lab File: BF077815.D

Acq: 19 Mar 2015 2:22

Instrument :

BNA_F

ClientSampleId :

PB82167BSD

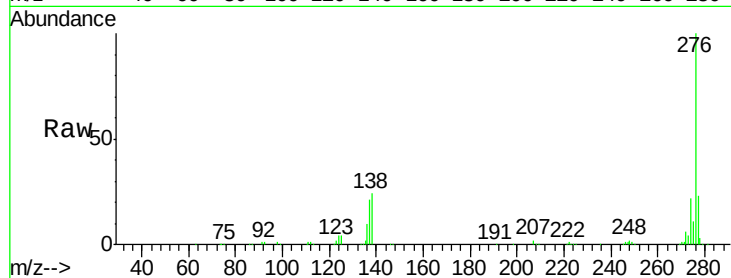
Tgt Ion:276 Resp: 389913

Ion Ratio Lower Upper

276 100

277 23.4 18.5 27.7

138 24.2 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

