

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032015\
 Data File : BF077886.D
 Acq On : 21 Mar 2015 3:06
 Operator : TP/IZ
 Sample : G1575-04
 Misc : W
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RW-10V

Quant Time: Mar 21 03:35:40 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 21 04:23:04 2015
 Response via : Initial Calibration

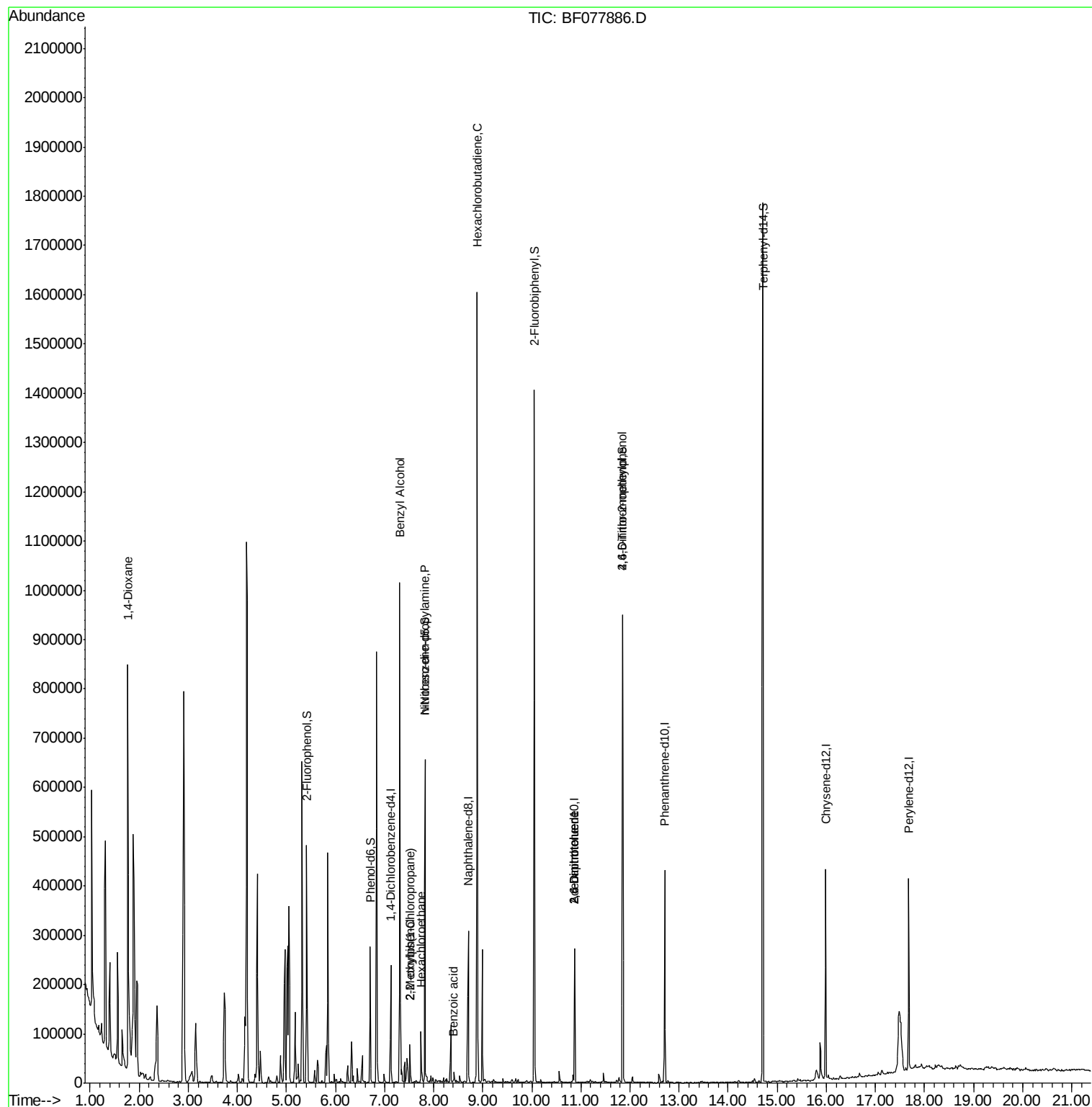
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.13	152	39747	20.00	ng	0.00
21) Naphthalene-d8	8.70	136	163842	20.00	ng	0.00
38) Acenaphthene-d10	10.87	164	82353	20.00	ng	-0.01
63) Phenanthrene-d10	12.71	188	169249	20.00	ng	0.00
75) Chrysene-d12	15.99	240	182840	20.00	ng	0.00
86) Perylene-d12	17.68	264	169206	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	153103	67.24	ng	0.00
7) Phenol-d6	6.70	99	119748	42.56	ng	0.00
23) Nitrobenzene-d5	7.82	82	253817	101.55	ng	0.00
41) 2,4,6-Tribromophenol	11.85	330	110731	140.53	ng	0.00
44) 2-Fluorobiphenyl	10.05	172	541367	96.61	ng	0.00
78) Terphenyl-d14	14.71	244	660920	88.30	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.77	88	39949	38.64	ng	# 100
15) Benzyl Alcohol	7.31	79	4574	2.08	ng	# 41
16) 2,2'-oxybis(1-Chloropropan	7.52	45	9490	2.83	ng	# 79
17) 2-Methylphenol	7.52	107	5644	2.56	ng	# 32
18) Hexachloroethane	7.74	117	11423	11.12	ng	# 97
19) n-Nitroso-di-n-propylamine	7.82	70	31952	16.42	ng	# 79
32) Benzoic acid	8.40	122	216	3.24	ng	# 55
34) Hexachlorobutadiene	8.89	225	202503	139.49	ng	# 97
50) 2,6-Dinitrotoluene	10.87	165	10635	8.40	ng	# 24
56) 2,4-Dinitrotoluene	10.87	165	10636	6.44	ng	# 11
64) 4,6-Dinitro-2-methylphenol	11.85	198	231	4.56	ng	# 1

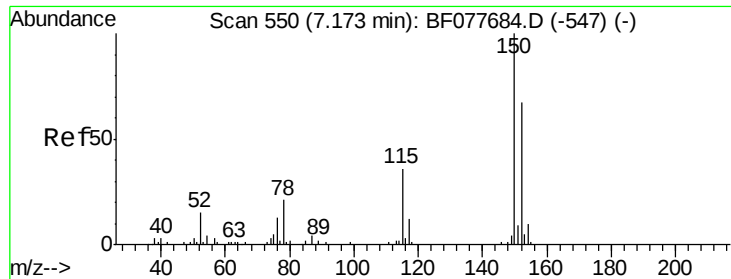
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032015\
Data File : BF077886.D
Acq On : 21 Mar 2015 3:06
Operator : TP/IZ
Sample : G1575-04
Misc : W
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW-10V

Quant Time: Mar 21 03:35:40 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 21 04:23:04 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.13 min Scan# 546

Delta R.T. -0.00 min

Lab File: BF077886.D

Acq: 21 Mar 2015 3:06

Instrument :

BNA_F

ClientSampleId :

RW-10V

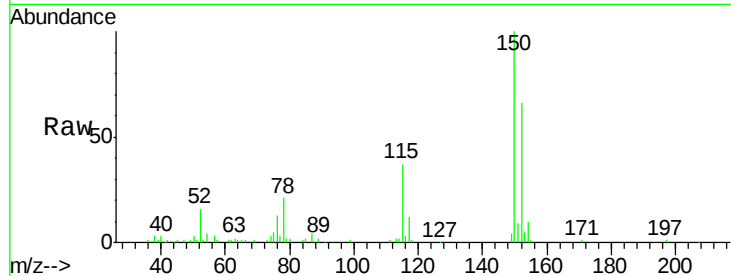
Tgt Ion:152 Resp: 39747

Ion Ratio Lower Upper

152 100

150 152.2 119.5 179.3

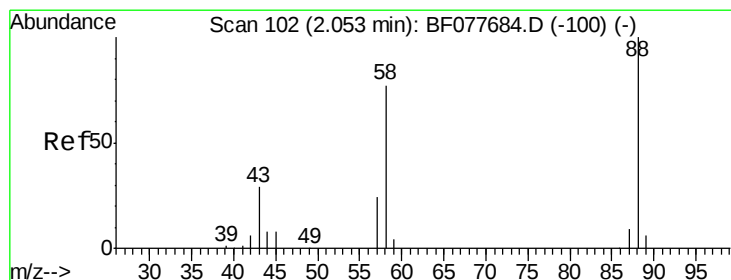
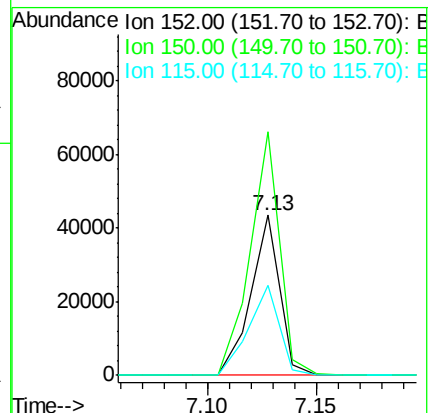
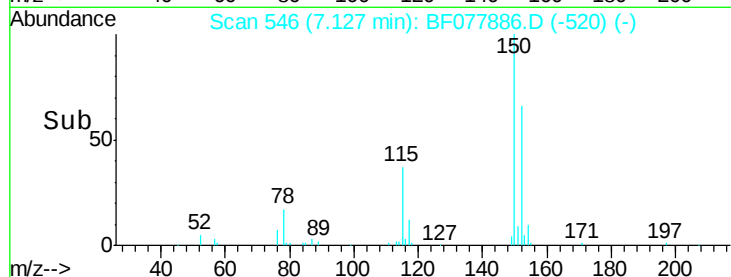
115 56.3 43.0 64.4



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: 38.64 ng

RT: 1.77 min Scan# 77

Delta R.T. -0.23 min

Lab File: BF077886.D

Acq: 21 Mar 2015 3:06

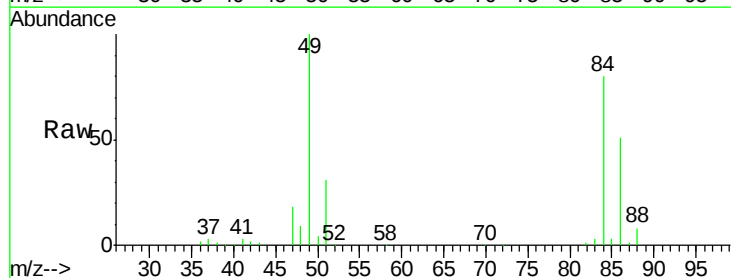
Tgt Ion: 88 Resp: 39949

Ion Ratio Lower Upper

88 100

58 0.0 0.0 0.0

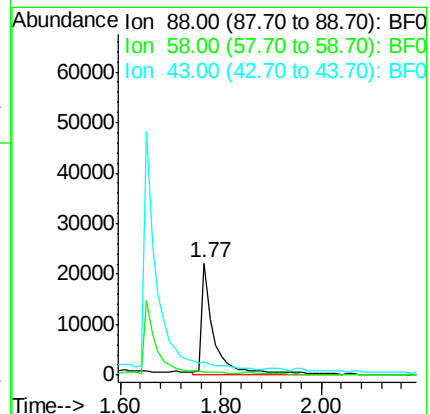
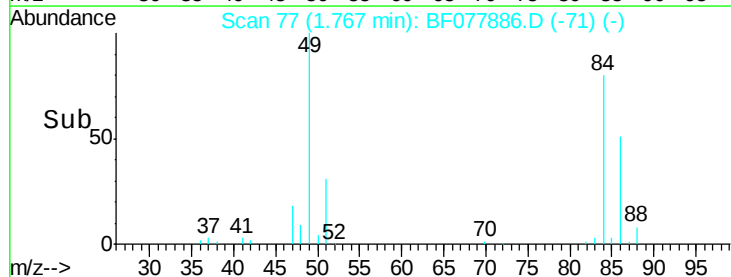
43 0.0 0.0 0.0

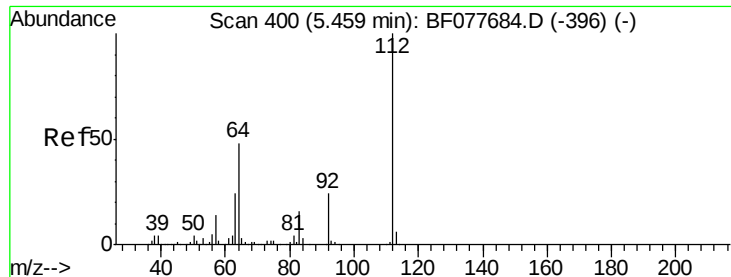


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 67.24 ng

RT: 5.41 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF077886.D

Acq: 21 Mar 2015 3:06

Instrument :

BNA_F

ClientSampleId :

RW-10V

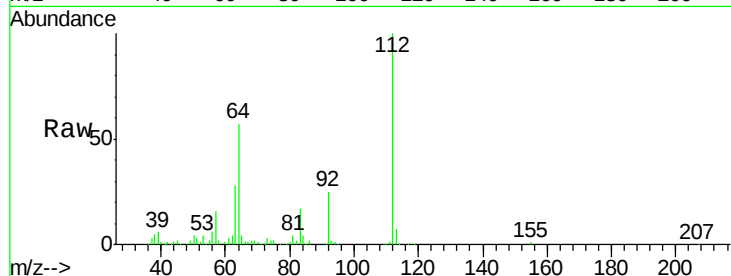
Tgt Ion: 112 Resp: 153103

Ion Ratio Lower Upper

112 100

64 56.6 38.6 57.8

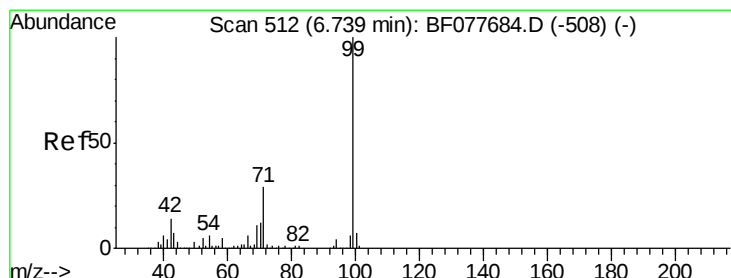
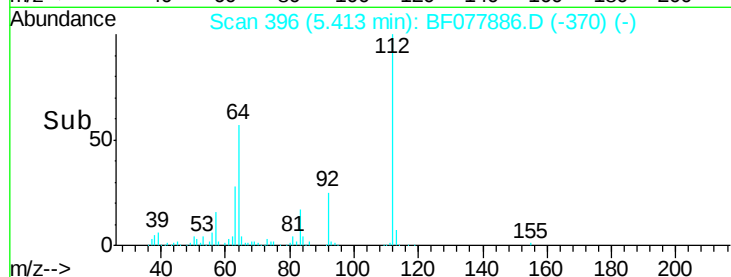
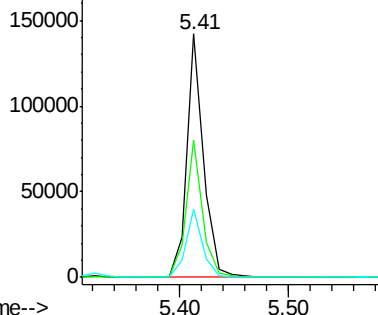
63 28.2 19.3 28.9



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 42.56 ng

RT: 6.70 min Scan# 509

Delta R.T. -0.00 min

Lab File: BF077886.D

Acq: 21 Mar 2015 3:06

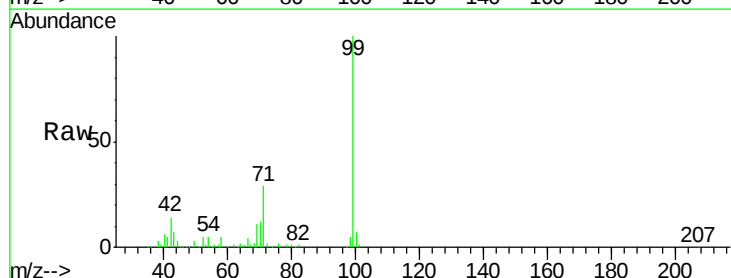
Tgt Ion: 99 Resp: 119748

Ion Ratio Lower Upper

99 100

42 14.2 11.0 16.4

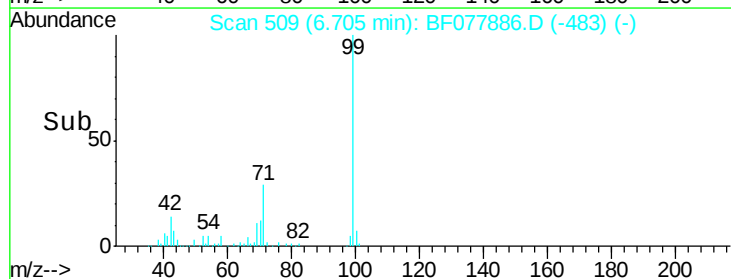
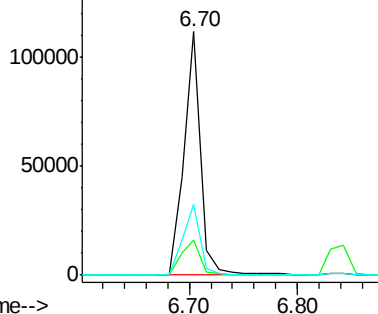
71 29.2 23.4 35.2

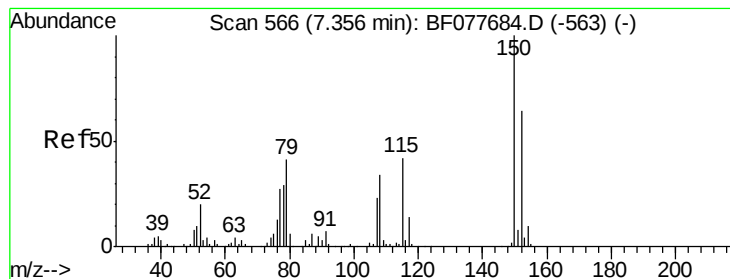


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#15

Benzyl Alcohol

Concen: 2.08 ng

RT: 7.31 min Scan# 562

Delta R.T. -0.00 min

Lab File: BF077886.D

Acq: 21 Mar 2015 3:06

Instrument :

BNA_F

ClientSampleId :

RW-10V

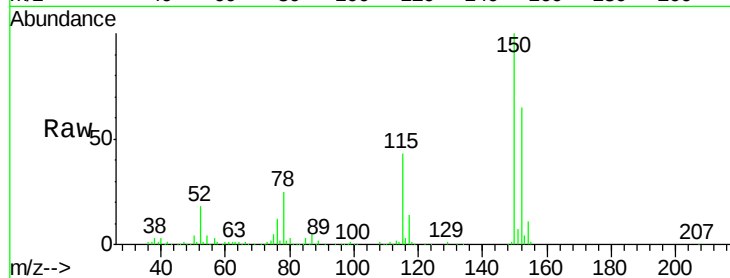
Tgt Ion: 79 Resp: 4574

Ion Ratio Lower Upper

79 100

108 30.4 65.0 97.4#

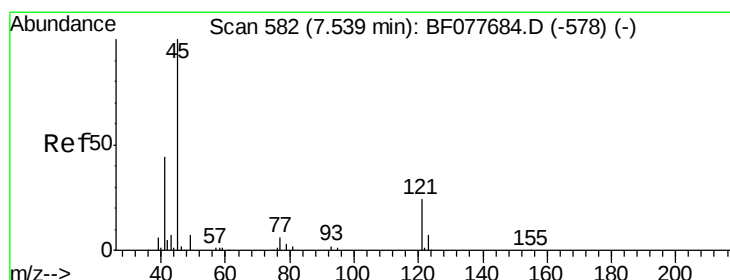
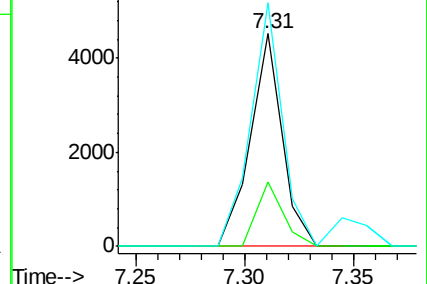
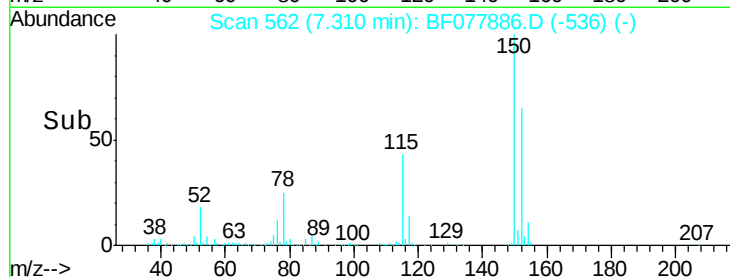
77 114.4 53.0 79.6#



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: 2.83 ng

RT: 7.52 min Scan# 580

Delta R.T. 0.02 min

Lab File: BF077886.D

Acq: 21 Mar 2015 3:06

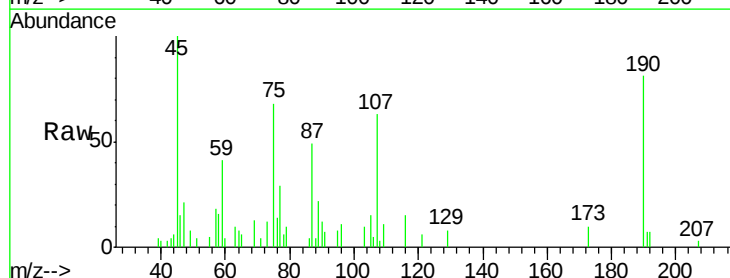
Tgt Ion: 45 Resp: 9490

Ion Ratio Lower Upper

45 100

77 29.0 0.0 35.2

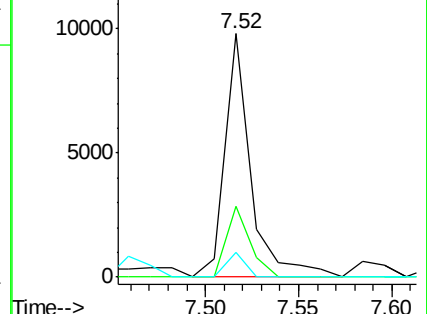
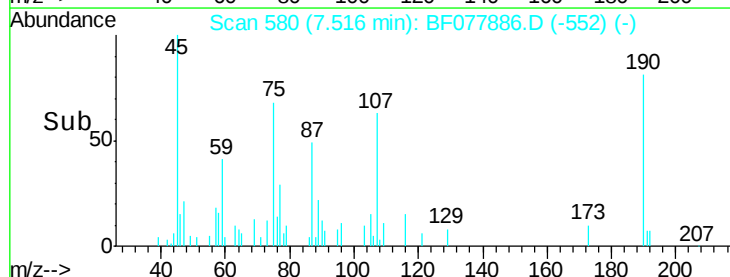
79 10.1 0.0 32.0

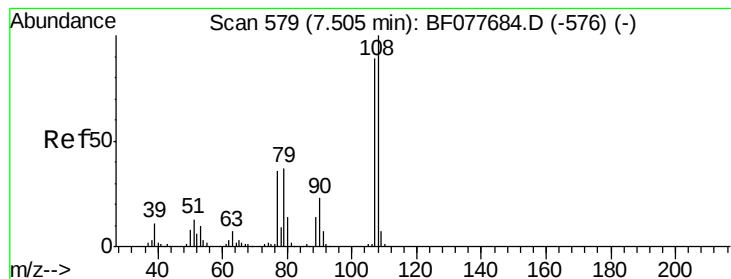


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 2.56 ng

RT: 7.52 min Scan# 580

Delta R.T. 0.05 min

Lab File: BF077886.D

Acq: 21 Mar 2015 3:06

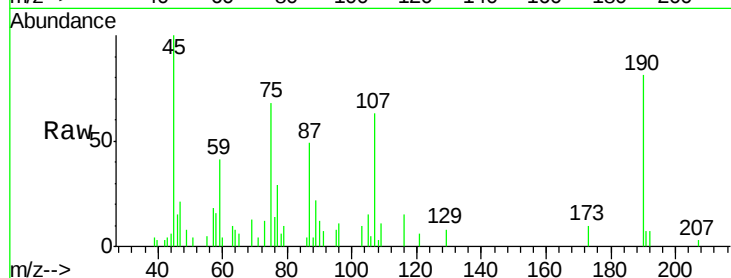
Instrument :

BNA_F

ClientSampleId :

RW-10V

Tgt Ion:	107	Resp:	5644
Ion Ratio	Lower	Upper	
107	100		
108	4.9	89.8	134.8#
77	45.7	32.6	48.8
79	15.9	32.8	49.2#

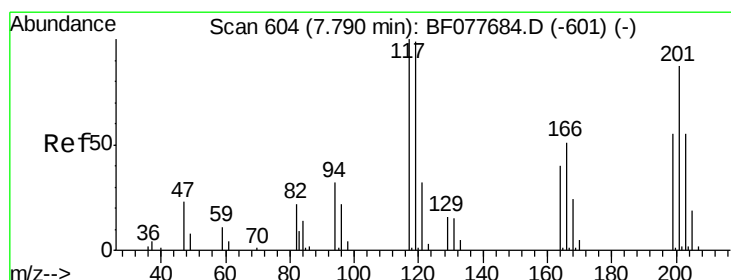
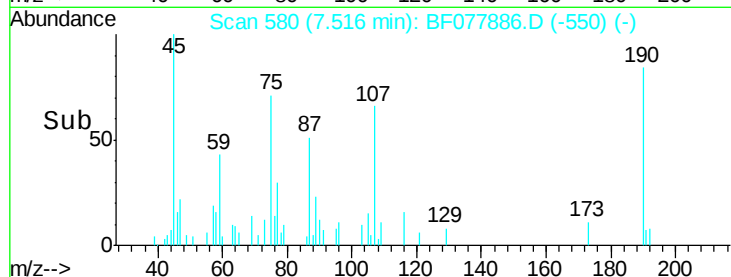
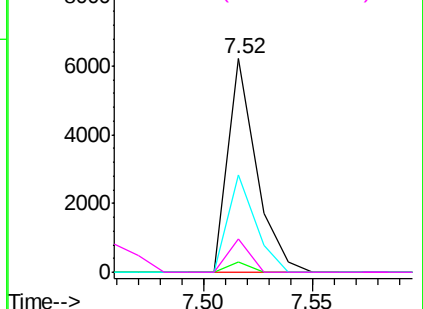


Abundance Ion 107.00 (106.70 to 107.70): E

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: 11.12 ng

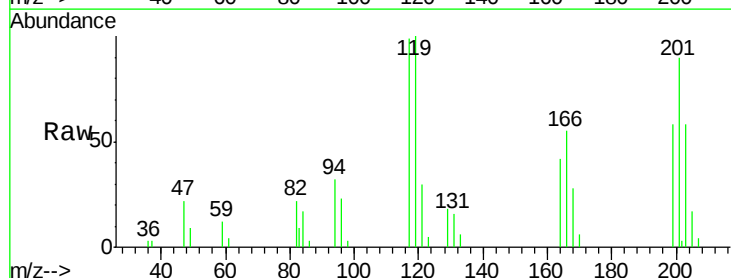
RT: 7.74 min Scan# 600

Delta R.T. -0.00 min

Lab File: BF077886.D

Acq: 21 Mar 2015 3:06

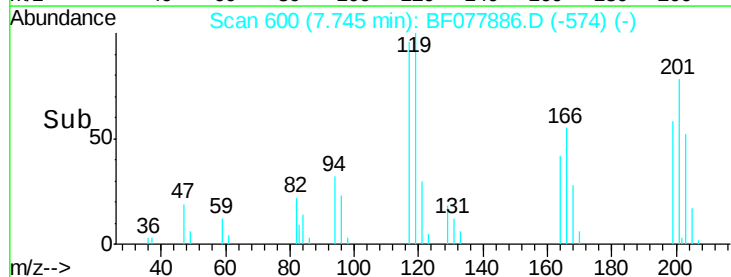
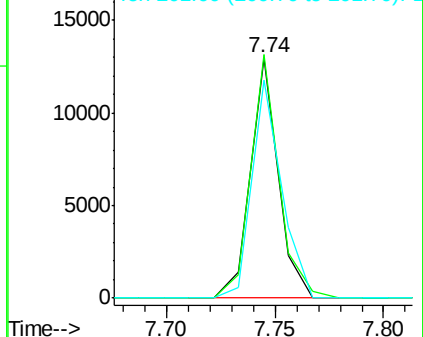
Tgt Ion:	117	Resp:	11423
Ion Ratio	Lower	Upper	
117	100		
119	101.4	79.2	118.8
201	91.0	69.8	104.6

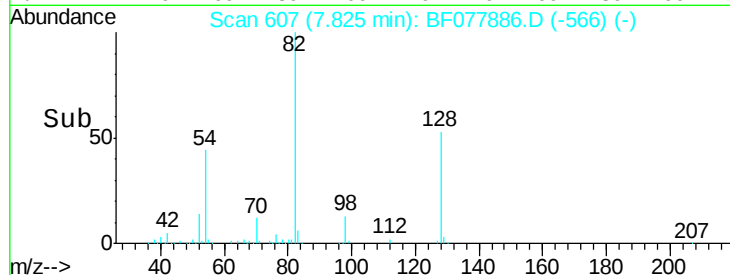
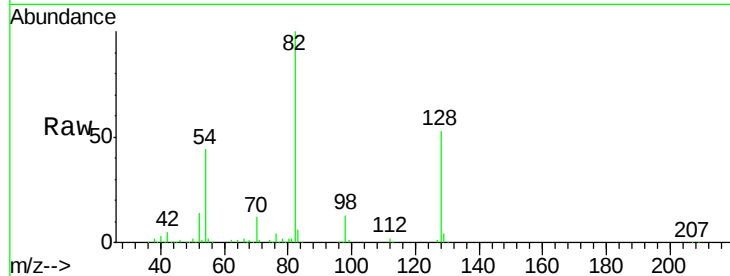
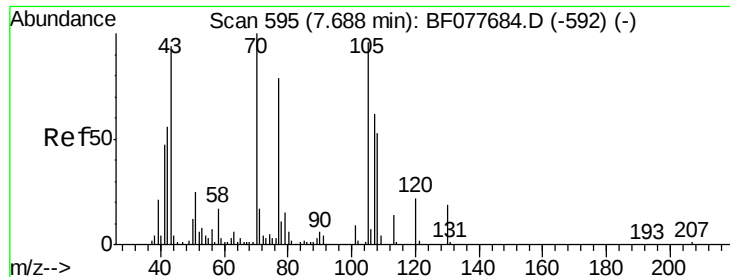


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

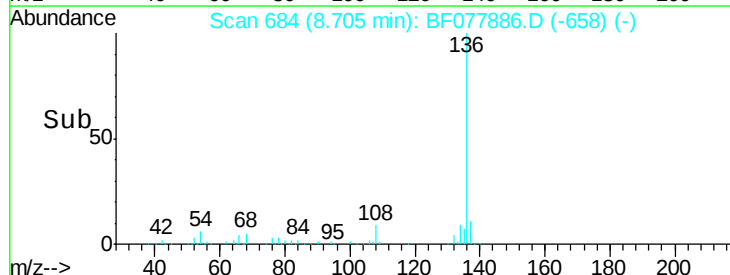
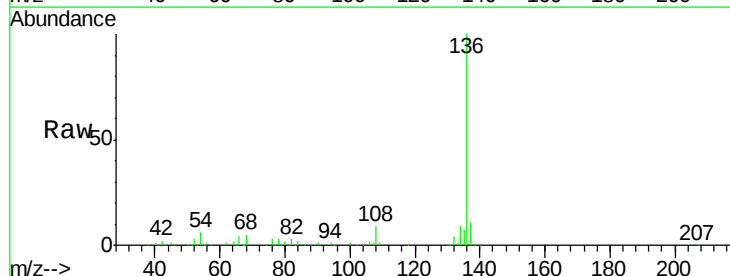
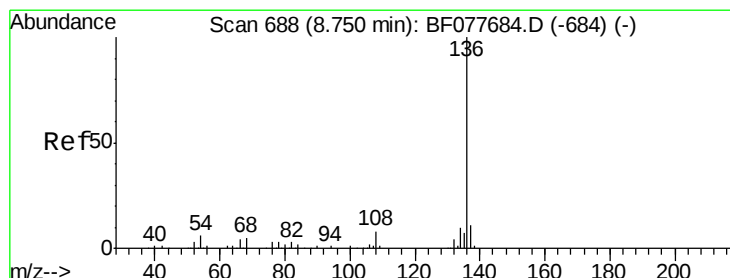
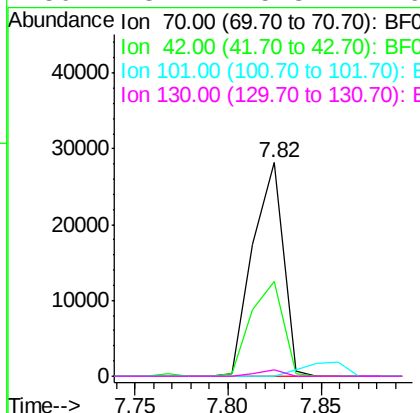




#19
n-Nitroso-di-n-propylamine
Concen: 16.42 ng
RT: 7.82 min Scan# 607
Delta R.T. 0.17 min
Lab File: BF077886.D
Acq: 21 Mar 2015 3:06

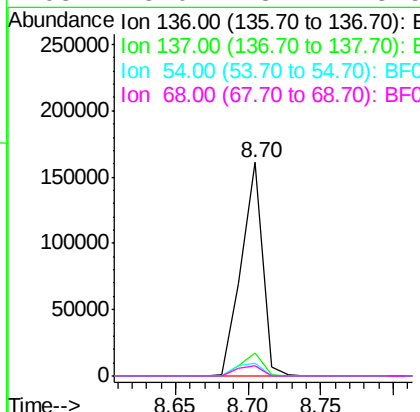
Instrument :
BNA_F
ClientSampleId :
RW-10V

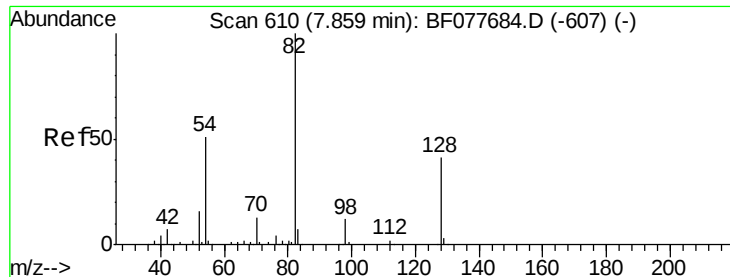
Tgt Ion: 70 Resp: 31952
Ion Ratio Lower Upper
70 100
42 44.3 44.5 66.7#
101 0.0 7.4 11.2#
130 3.1 15.3 22.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.70 min Scan# 684
Delta R.T. -0.00 min
Lab File: BF077886.D
Acq: 21 Mar 2015 3:06

Tgt Ion: 136 Resp: 163842
Ion Ratio Lower Upper
136 100
137 10.6 8.7 13.1
54 6.0 4.6 6.8
68 5.0 3.7 5.5

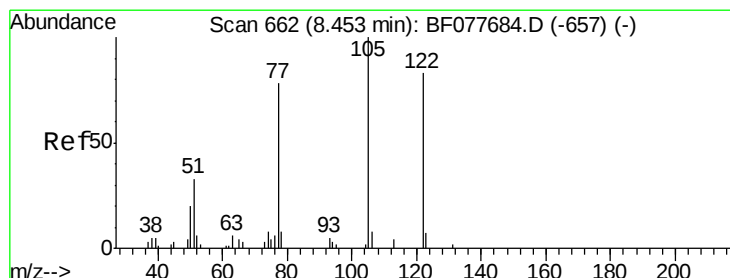
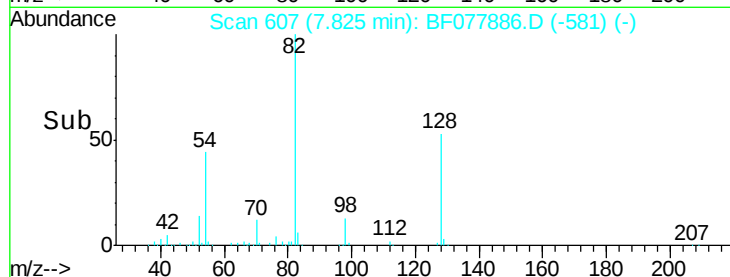
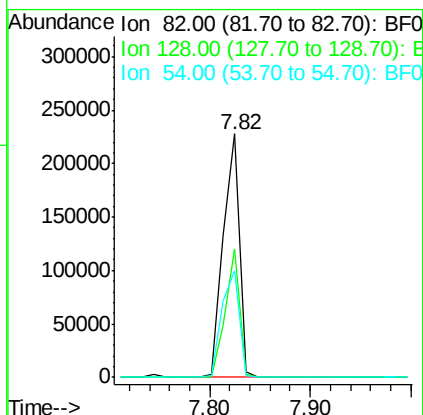
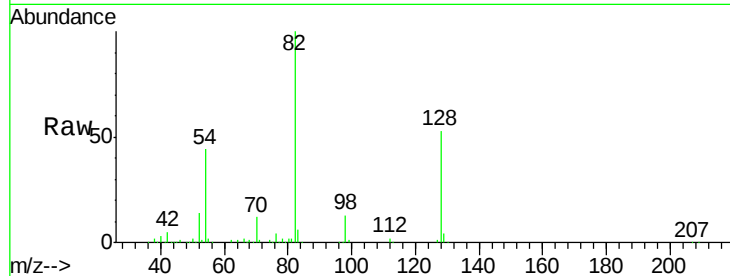




#23
 Nitrobenzene-d5
 Concen: 101.55 ng
 RT: 7.82 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: BF077886.D
 Acq: 21 Mar 2015 3:06

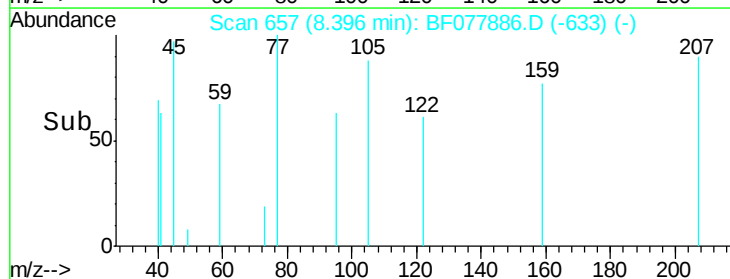
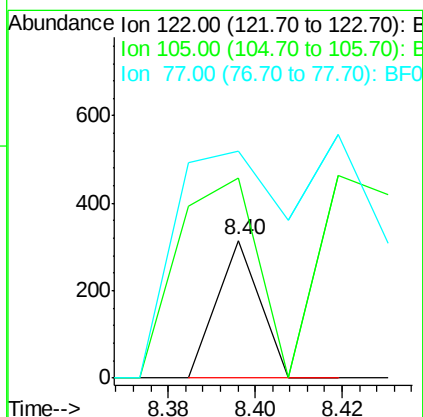
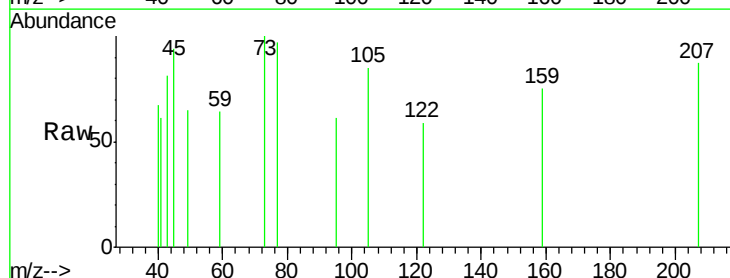
Instrument :
 BNA_F
 ClientSampleId :
 RW-10V

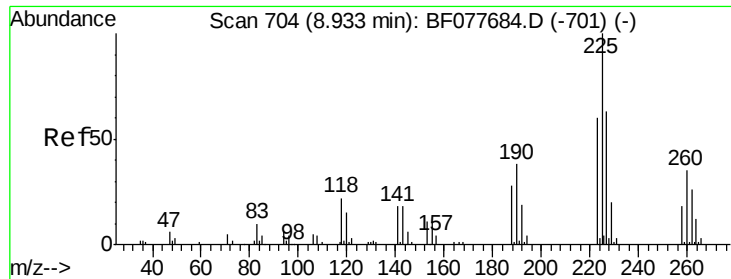
Tgt Ion: 82 Resp: 253817
 Ion Ratio Lower Upper
 82 100
 128 52.7 32.8 49.2#
 54 44.0 40.6 60.8



#32
 Benzoic acid
 Concen: 3.24 ng
 RT: 8.40 min Scan# 657
 Delta R.T. -0.02 min
 Lab File: BF077886.D
 Acq: 21 Mar 2015 3:06

Tgt Ion: 122 Resp: 216
 Ion Ratio Lower Upper
 122 100
 105 145.4 99.9 139.9#
 77 165.1 73.7 113.7#

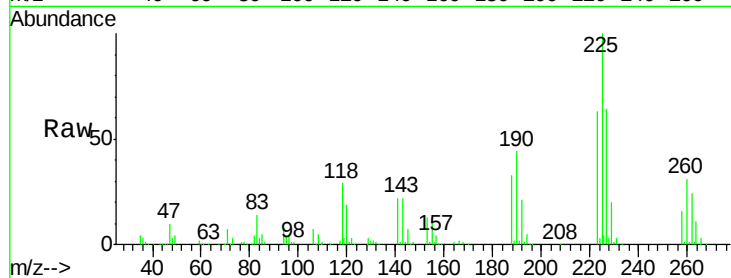




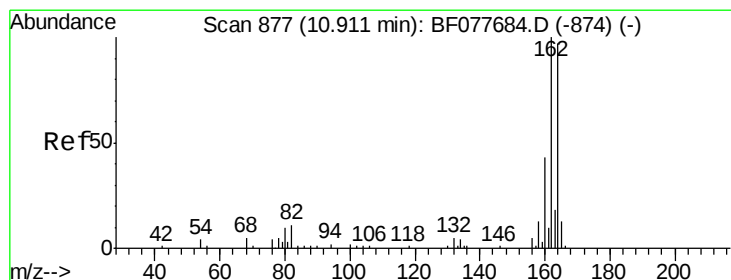
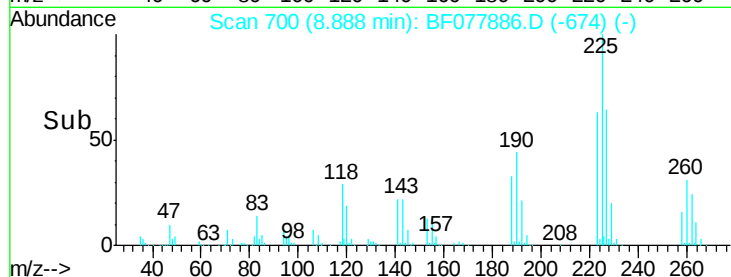
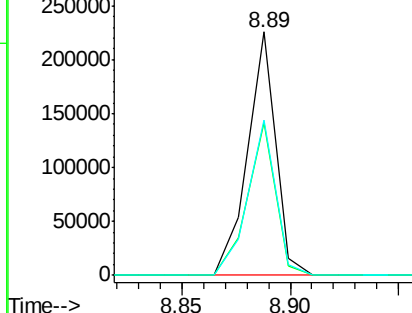
#34
Hexachlorobutadiene
Concen: 139.49 ng
RT: 8.89 min Scan# 700
Delta R.T. -0.00 min
Lab File: BF077886.D
Acq: 21 Mar 2015 3:06

Instrument :
BNA_F
ClientSampleId :
RW-10V

Tgt Ion: 225 Resp: 202503
Ion Ratio Lower Upper
225 100
223 62.9 47.9 71.9
227 63.9 50.1 75.1

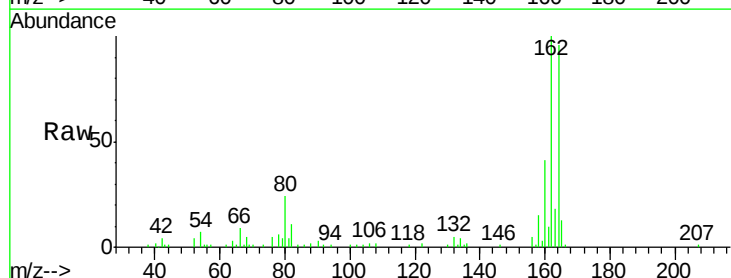


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

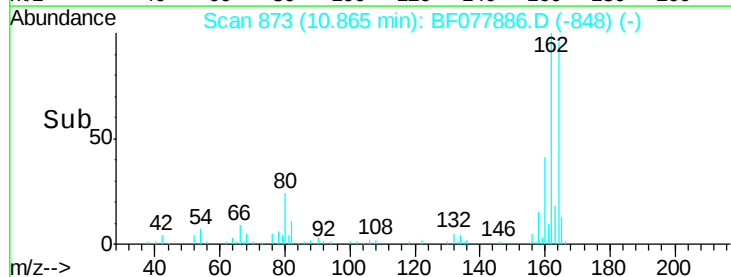
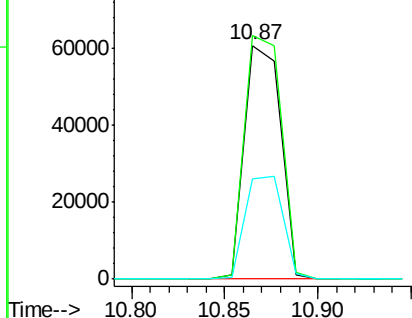


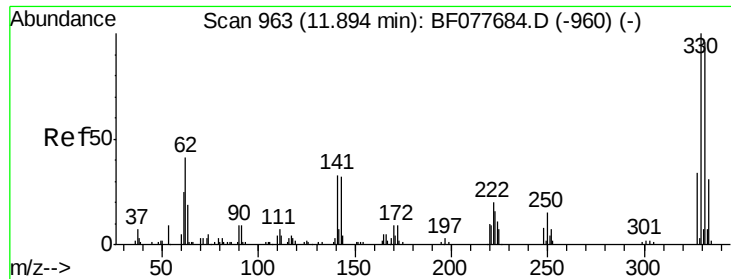
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.87 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF077886.D
Acq: 21 Mar 2015 3:06

Tgt Ion: 164 Resp: 82353
Ion Ratio Lower Upper
164 100
162 104.2 82.4 123.6
160 43.0 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

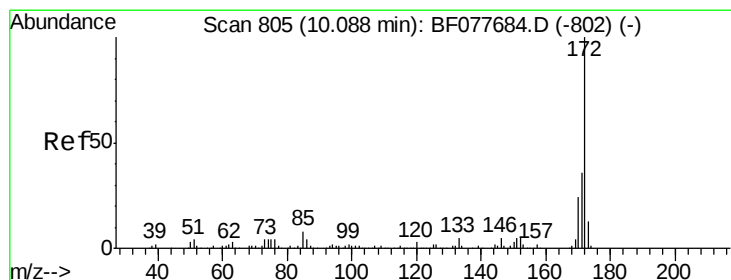
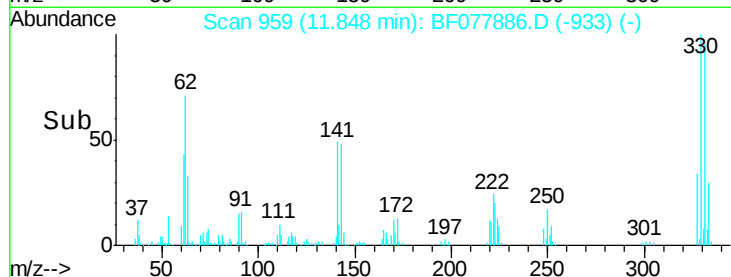
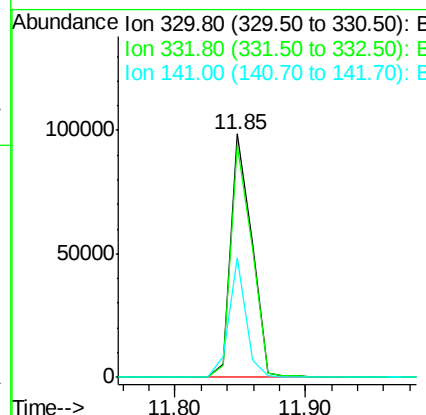
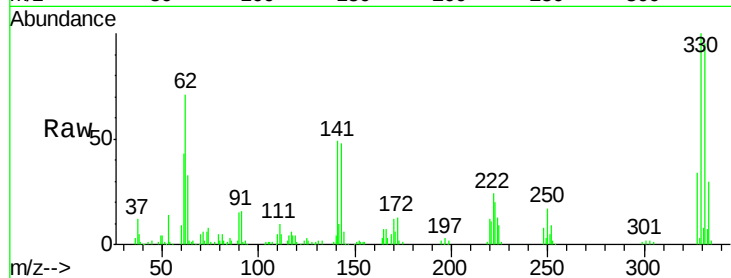




#41
 2,4,6-Tribromophenol
 Concen: 140.53 ng
 RT: 11.85 min Scan# 959
 Delta R.T. -0.00 min
 Lab File: BF077886.D
 Acq: 21 Mar 2015 3:06

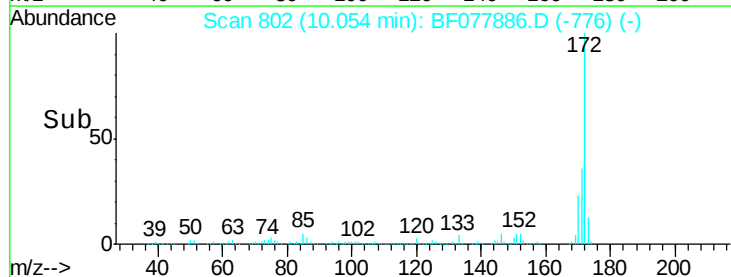
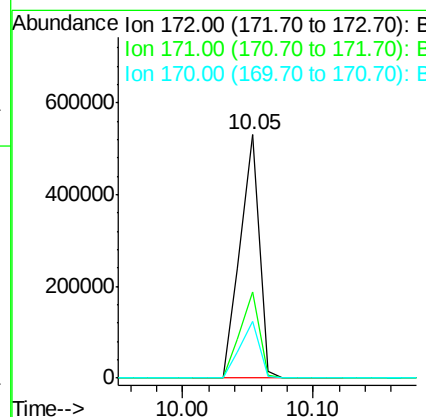
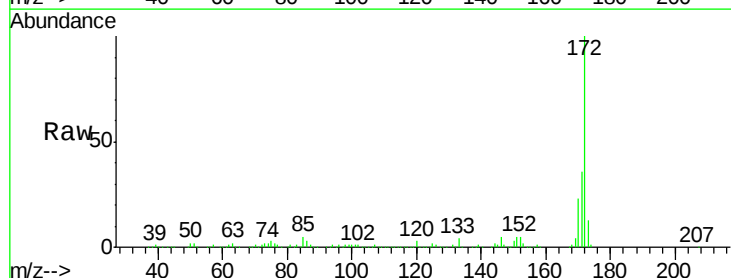
Instrument :
 BNA_F
 ClientSampleId :
 RW-10V

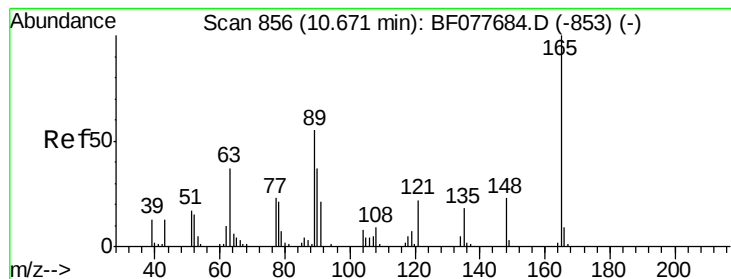
Tgt Ion:330 Resp: 110731
 Ion Ratio Lower Upper
 330 100
 332 95.9 0.0 0.0#
 141 40.3 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 96.61 ng
 RT: 10.05 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF077886.D
 Acq: 21 Mar 2015 3:06

Tgt Ion:172 Resp: 541367
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.5 42.7
 170 23.2 18.8 28.2





#50

2,6-Dinitrotoluene

Concen: 8.40 ng

RT: 10.87 min Scan# 873

Delta R.T. 0.23 min

Lab File: BF077886.D

Acq: 21 Mar 2015 3:06

Instrument :

BNA_F

ClientSampleId :

RW-10V

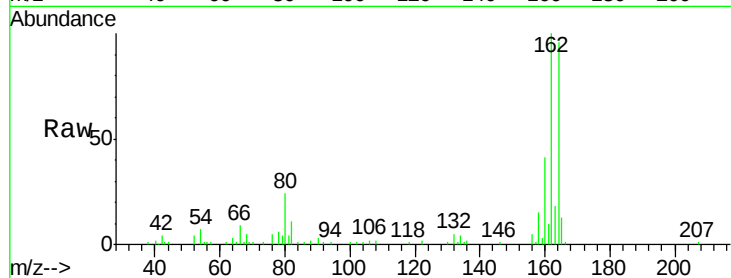
Tgt Ion:165 Resp: 10635

Ion Ratio Lower Upper

165 100

63 0.0 44.1 66.1#

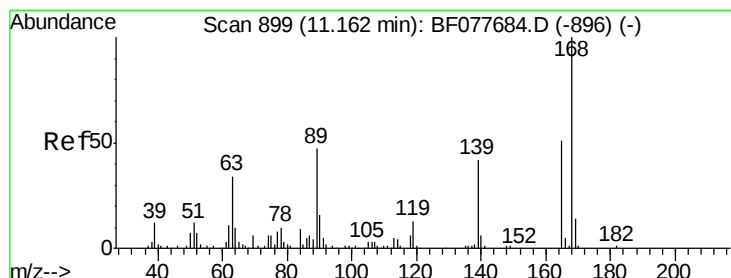
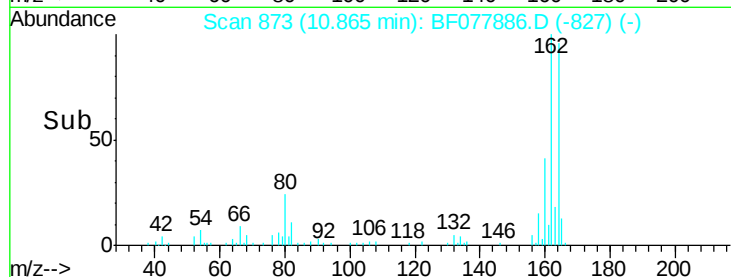
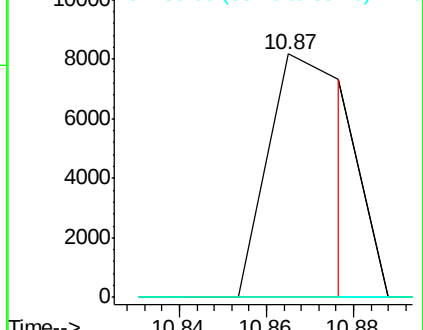
89 0.0 44.3 66.5#



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



#56

2,4-Dinitrotoluene

Concen: 6.44 ng

RT: 10.87 min Scan# 873

Delta R.T. -0.26 min

Lab File: BF077886.D

Acq: 21 Mar 2015 3:06

Tgt Ion:165 Resp: 10636

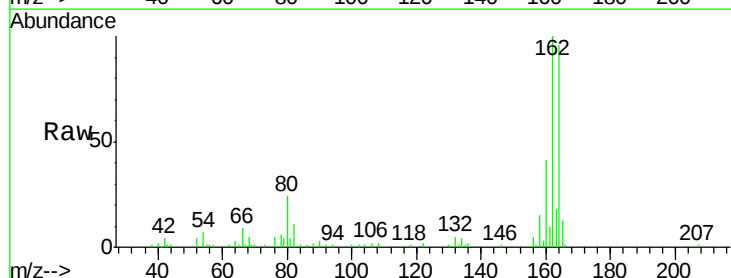
Ion Ratio Lower Upper

165 100

63 0.0 52.4 78.6#

89 0.0 72.4 108.6#

182 0.0 2.0 3.0#

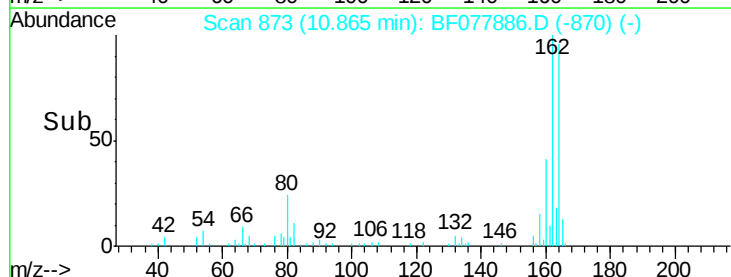
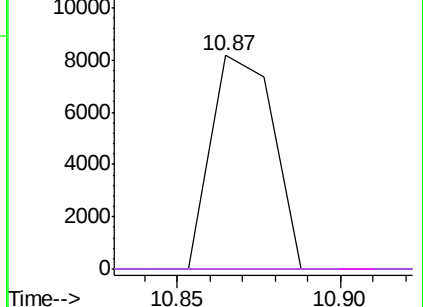


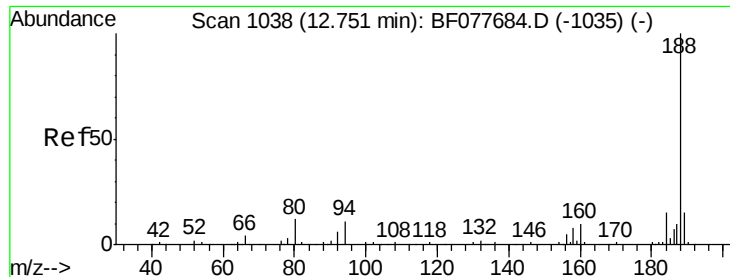
Abundance Ion 165.00 (164.70 to 165.70): E

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

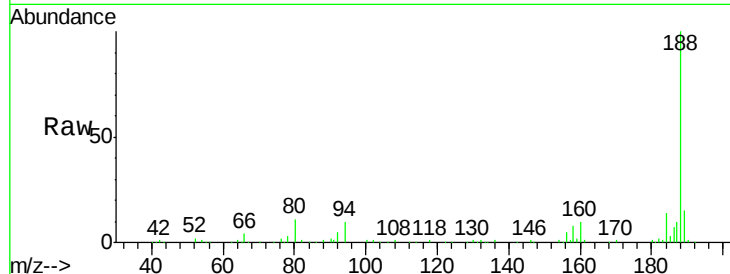




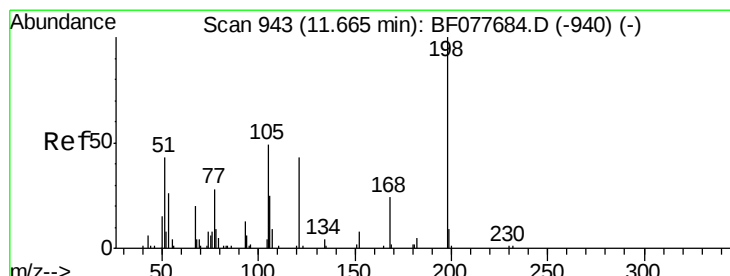
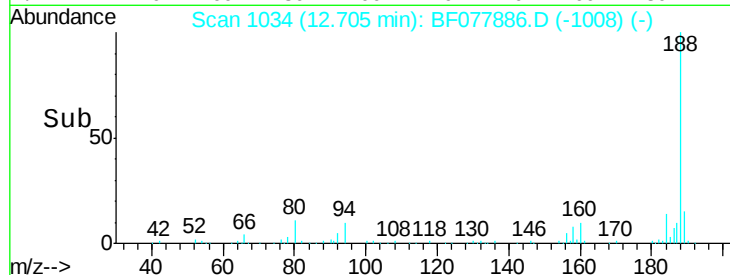
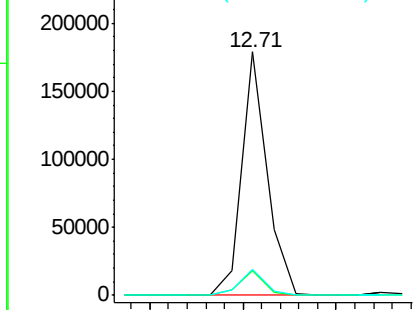
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.71 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF077886.D
Acq: 21 Mar 2015 3:06

Instrument :
BNA_F
ClientSampleId :
RW-10V

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.7	13.1
80	10.7	9.3	13.9

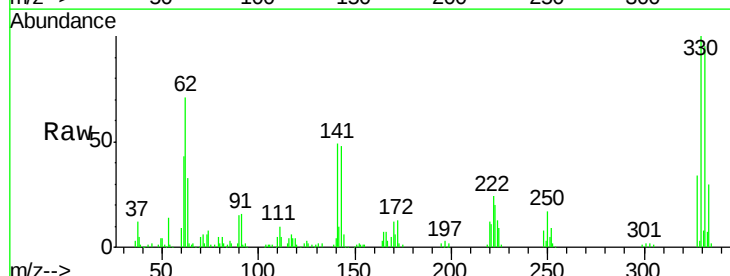


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

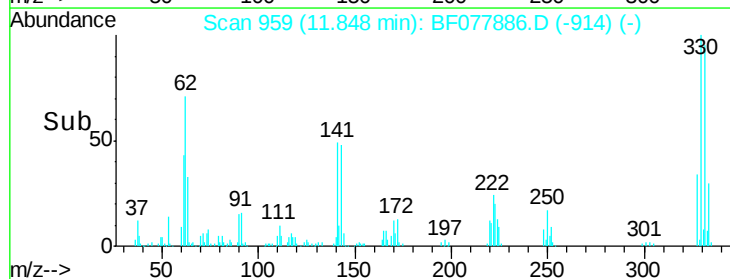
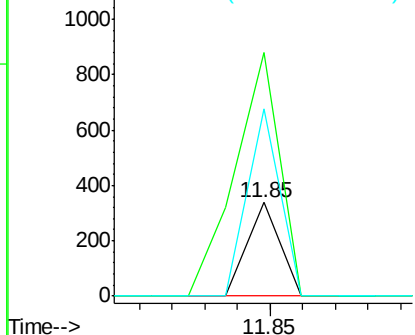


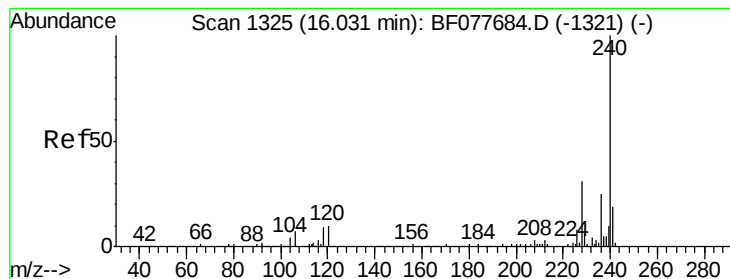
#64
4,6-Dinitro-2-methylphenol
Concen: 4.56 ng
RT: 11.85 min Scan# 959
Delta R.T. 0.22 min
Lab File: BF077886.D
Acq: 21 Mar 2015 3:06

Tgt Ion	Ratio	Lower	Upper
198	100		
51	260.8	28.8	68.8#
105	200.6	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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.99 min Scan# 1321

Delta R.T. -0.00 min

Lab File: BF077886.D

Acq: 21 Mar 2015 3:06

Instrument :

BNA_F

ClientSampleId :

RW-10V

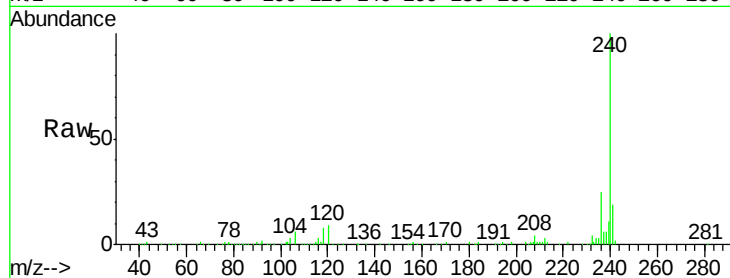
Tgt Ion:240 Resp: 182840

Ion Ratio Lower Upper

240 100

120 9.4 8.2 12.2

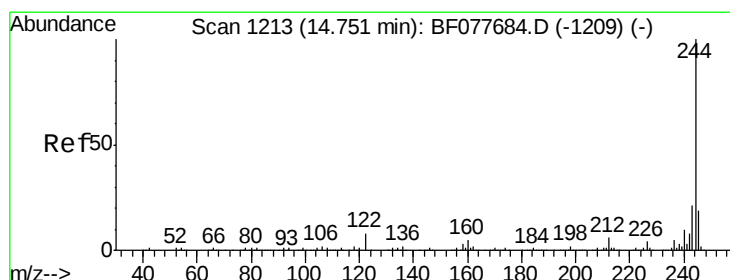
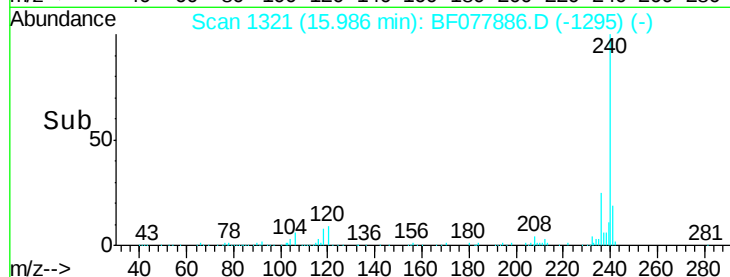
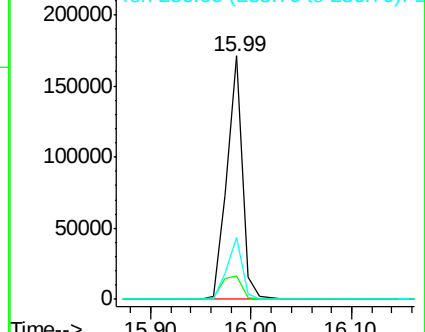
236 25.4 20.0 30.0



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



#78

Terphenyl-d14

Concen: 88.30 ng

RT: 14.71 min Scan# 1209

Delta R.T. -0.00 min

Lab File: BF077886.D

Acq: 21 Mar 2015 3:06

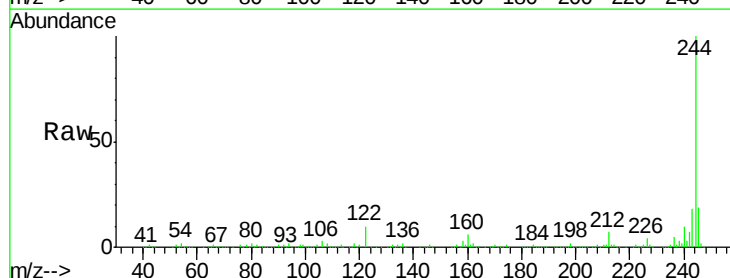
Tgt Ion:244 Resp: 660920

Ion Ratio Lower Upper

244 100

212 6.6 4.9 7.3

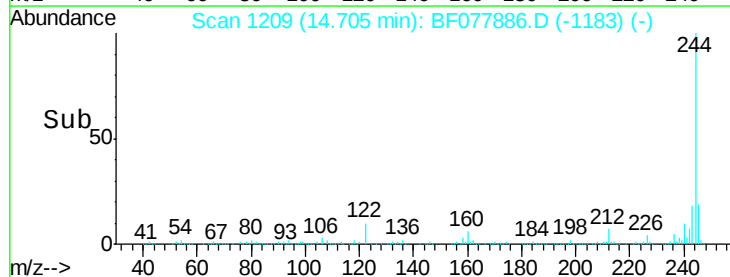
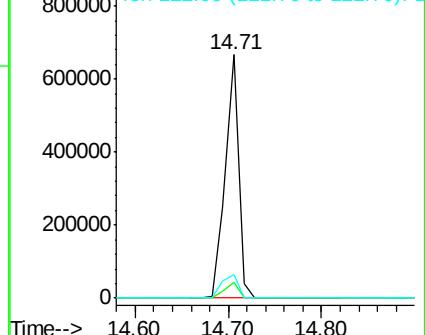
122 9.6 6.2 9.4#

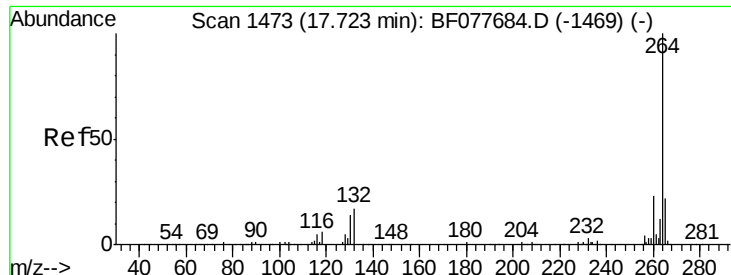


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

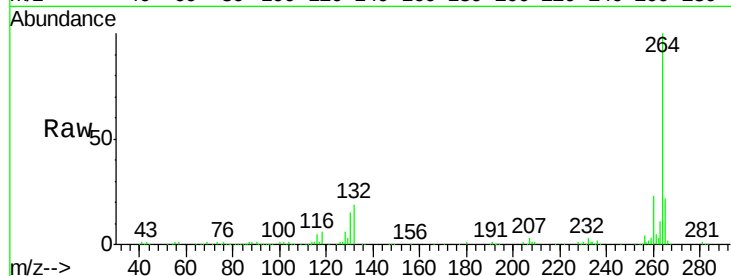




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.68 min Scan# 1469
Delta R.T. -0.02 min
Lab File: BF077886.D
Acq: 21 Mar 2015 3:06

Instrument :
BNA_F
ClientSampleId :
RW-10V

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.6	27.8
265	21.8	17.3	25.9



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

