

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101515\
 Data File : BF082281.D
 Acq On : 14 Oct 2015 15:59
 Operator : UM/IZ
 Sample : G4015-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CW-1

Quant Time: Oct 15 01:46:46 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 15 01:42:16 2015
 Response via : Initial Calibration

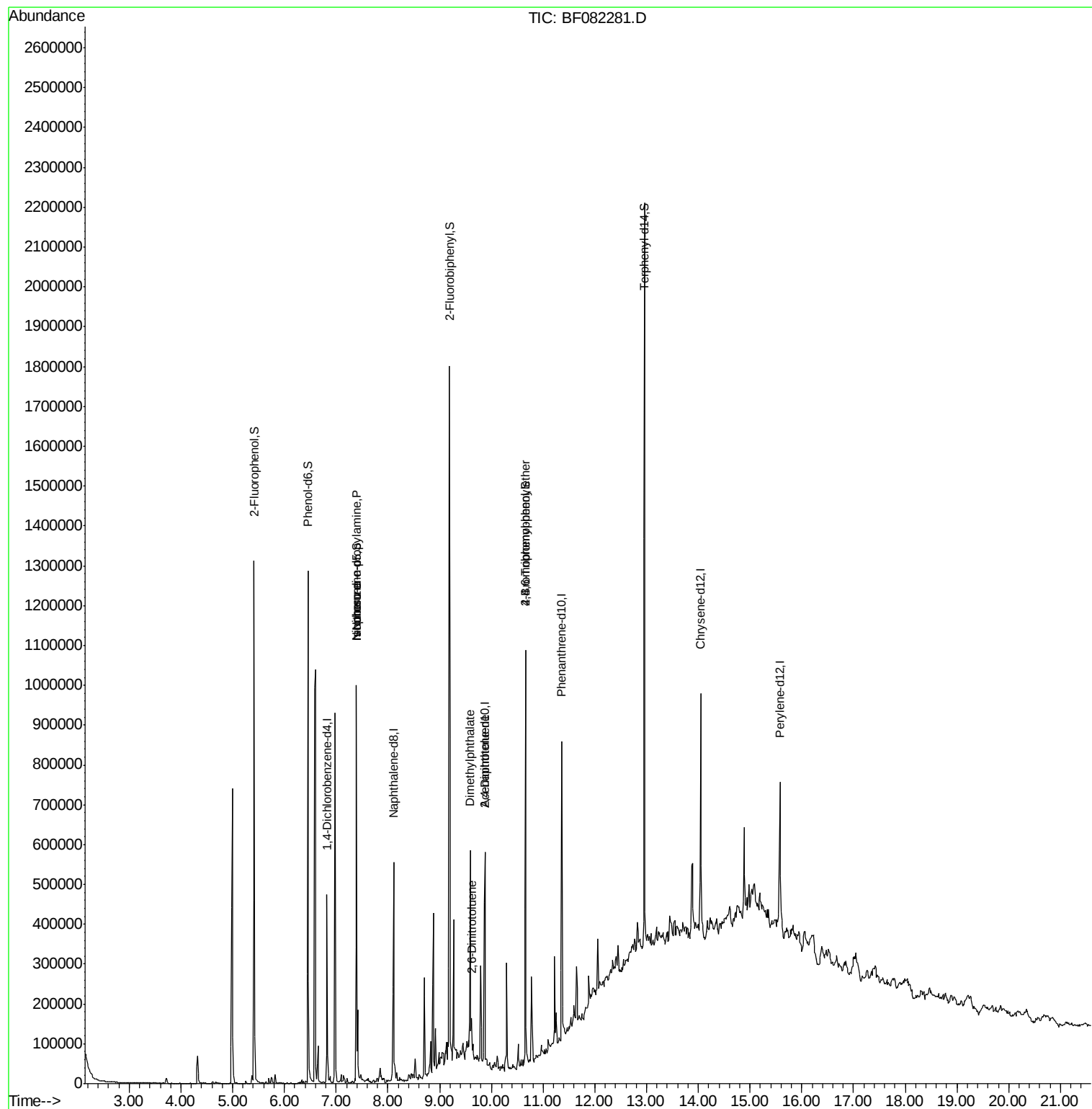
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	75516	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	292693	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	148710	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	298725	20.00	ng	0.00
75) Chrysene-d12	14.05	240	246182	20.00	ng	-0.08
86) Perylene-d12	15.58	264	177180	20.00	ng	-0.16
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	384818	102.85	ng	0.01
7) Phenol-d6	6.46	99	471880	96.91	ng	-0.01
23) Nitrobenzene-d5	7.39	82	366967	84.20	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	137045	98.27	ng	-0.01
44) 2-Fluorobiphenyl	9.19	172	695246	77.53	ng	-0.01
78) Terphenyl-d14	12.96	244	760525	81.86	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	52230	15.27	ng	# 78
25) Isophorone	7.39	82	272626	30.99	ng	# 66
49) Dimethylphthalate	9.59	163	191584	18.30	ng	# 99
50) 2,6-Dinitrotoluene	9.62	165	16756	7.58	ng	# 30
55) 4-Nitrophenol	10.00	139	685	Below Cal		# 1
56) 2,4-Dinitrotoluene	9.87	165	20929	7.58	ng	# 21
66) 4-Bromophenyl-phenylether	10.66	248	9671	3.23	ng	# 1

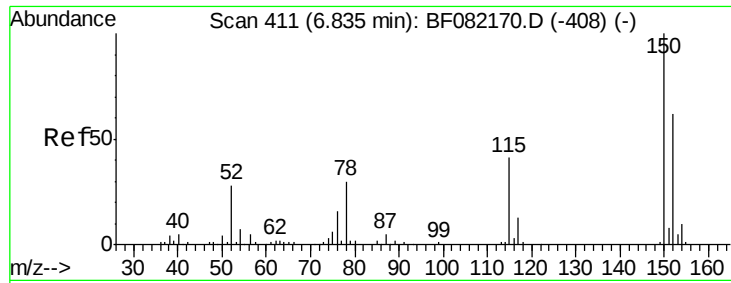
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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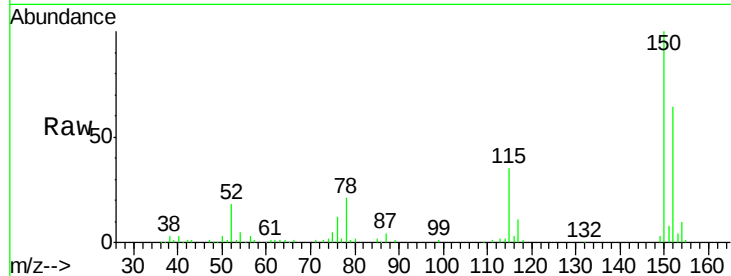


#1

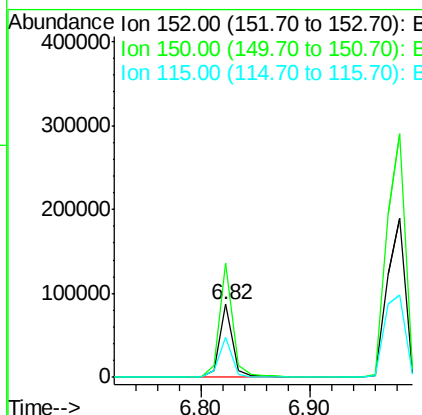
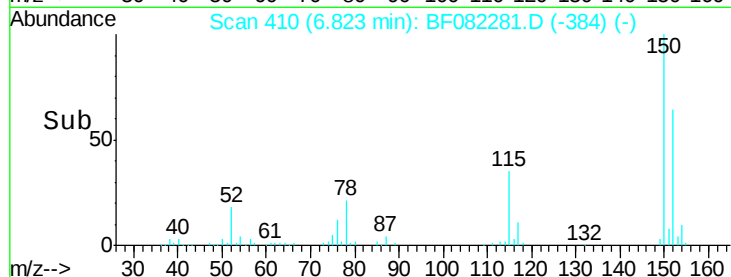
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 410
Delta R.T. -0.00 min
Lab File: BF082281.D
Acq: 14 Oct 2015 15:59

Instrument :
BNA_F
ClientSampleId :
CW-1

Tot Ion:152 Resp: 75516
Ion Ratio Lower Upper
152 100
150 156.5 129.0 193.4
115 55.4 52.1 78.1



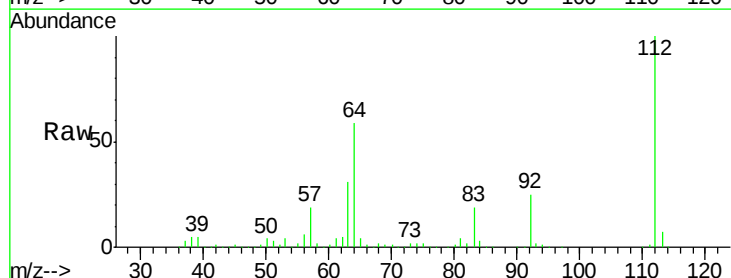
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



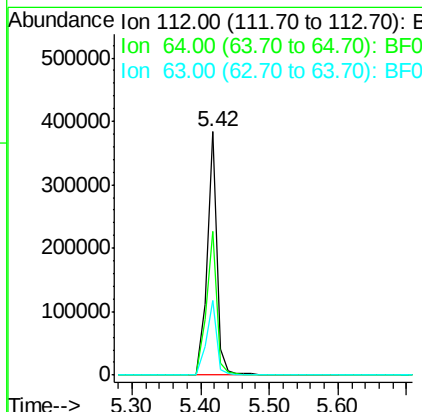
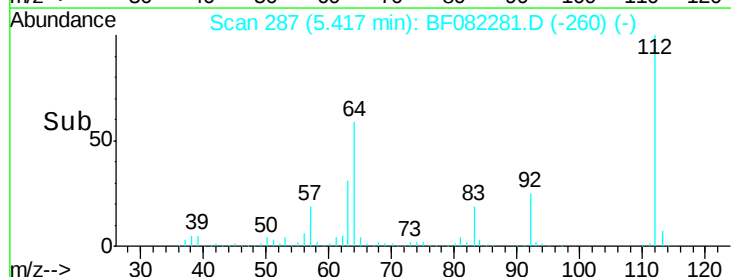
#5

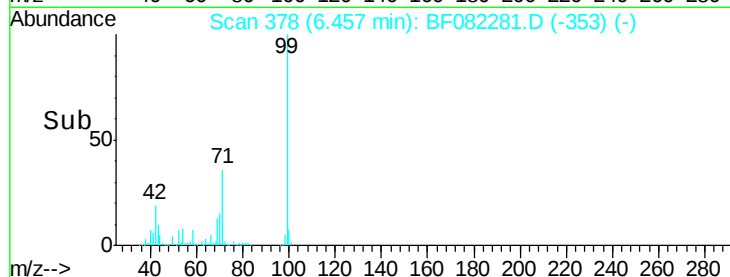
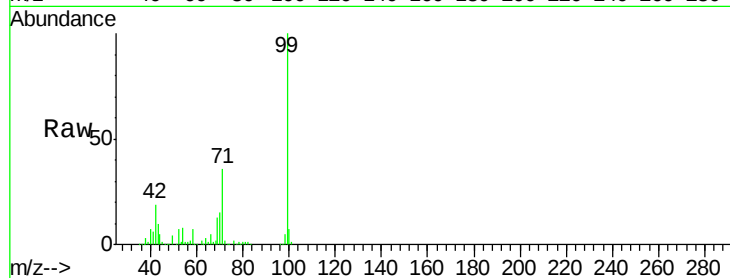
2-Fluorophenol
Concen: 102.85 ng
RT: 5.42 min Scan# 287
Delta R.T. 0.01 min
Lab File: BF082281.D
Acq: 14 Oct 2015 15:59

Tgt Ion:112 Resp: 384818
Ion Ratio Lower Upper
112 100
64 59.0 48.6 73.0
63 30.7 25.1 37.7



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 96.91 ng

RT: 6.46 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF082281.D

Acq: 14 Oct 2015 15:59

Instrument :

BNA_F

ClientSampleId :

CW-1

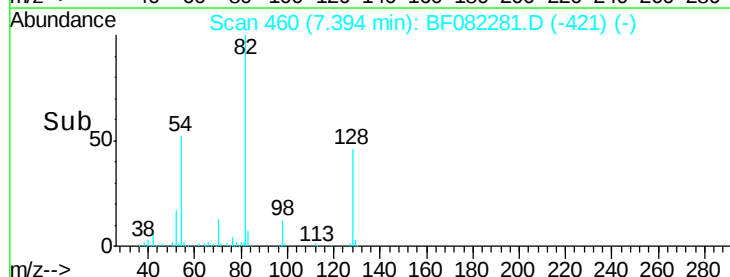
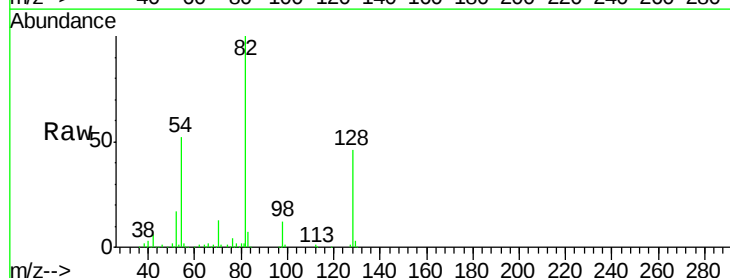
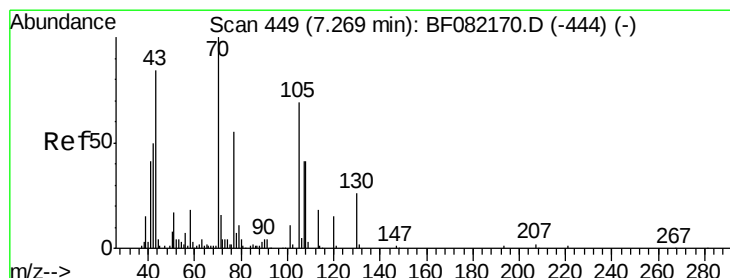
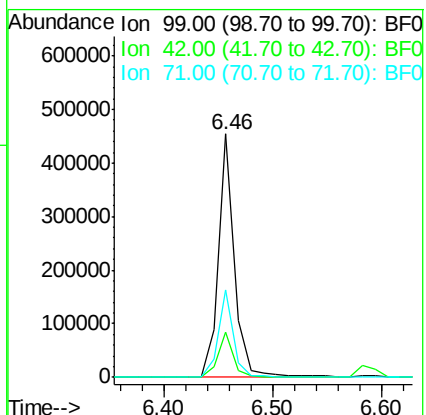
Tot Ion: 99 Resp: 471880

Ion Ratio Lower Upper

99 100

42 18.8 13.2 19.8

71 35.7 25.6 38.4



#19

n-Nitroso-di-n-propylamine

Concen: 15.27 ng

RT: 7.39 min Scan# 460

Delta R.T. 0.15 min

Lab File: BF082281.D

Acq: 14 Oct 2015 15:59

Tgt Ion: 70 Resp: 52230

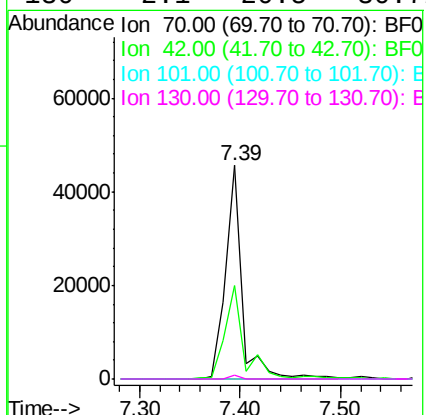
Ion Ratio Lower Upper

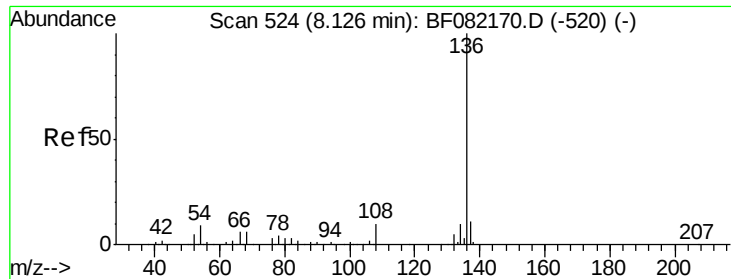
70 100

42 43.7 39.8 59.8

101 0.0 8.6 13.0#

130 2.1 20.5 30.7#

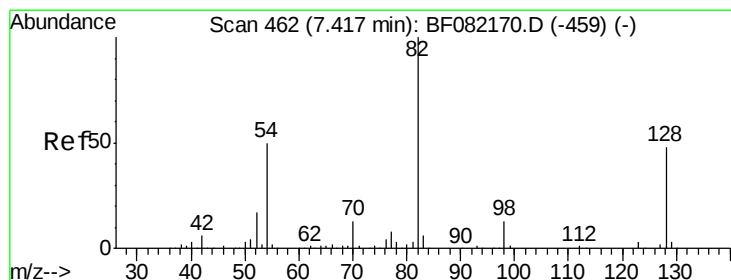
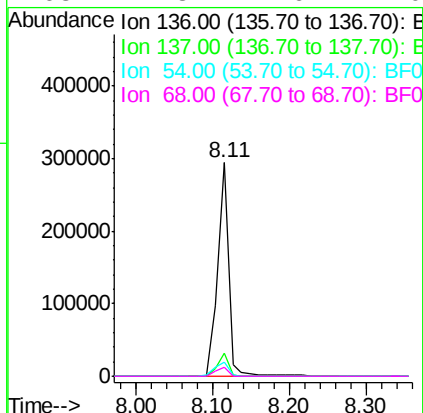
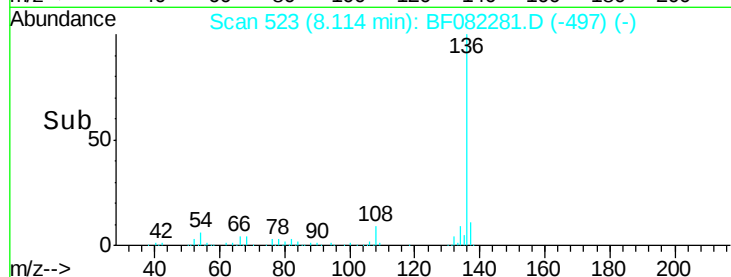
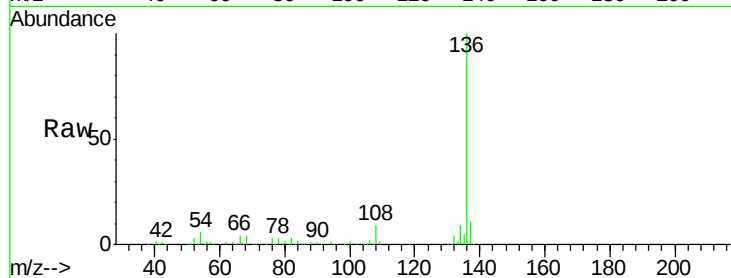




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 523
Delta R.T. -0.00 min
Lab File: BF082281.D
Acq: 14 Oct 2015 15:59

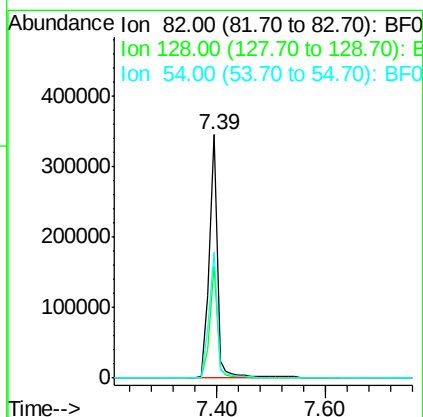
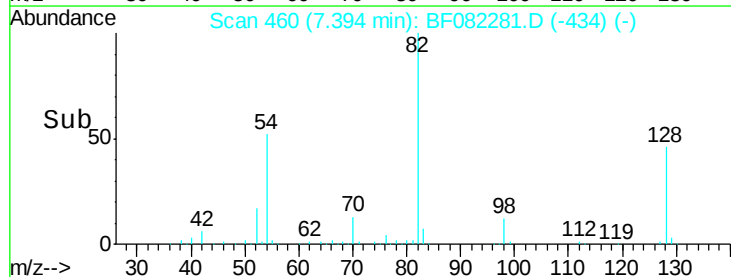
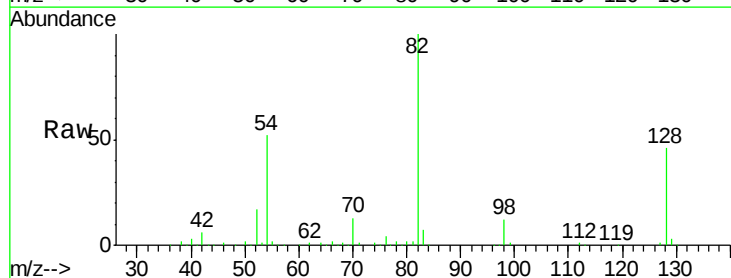
Instrument :
BNA_F
ClientSampleId :
CW-1

Tot Ion:136	Resp:	292693
Ion Ratio	Lower	Upper
136	100	
137	10.8	9.0 13.6
54	6.4	7.5 11.3#
68	4.3	4.6 7.0#



#23
Nitrobenzene-d5
Concen: 84.20 ng
RT: 7.39 min Scan# 460
Delta R.T. -0.00 min
Lab File: BF082281.D
Acq: 14 Oct 2015 15:59

Tgt Ion: 82	Resp:	366967
Ion Ratio	Lower	Upper
82	100	
128	45.7	38.7 58.1
54	51.6	40.1 60.1





#25

Isophorone

Concen: 30.99 ng

RT: 7.39 min Scan# 460

Delta R.T. -0.26 min

Lab File: BF082281.D

Acq: 14 Oct 2015 15:59

Instrument :

BNA_F

ClientSampleId :

CW-1

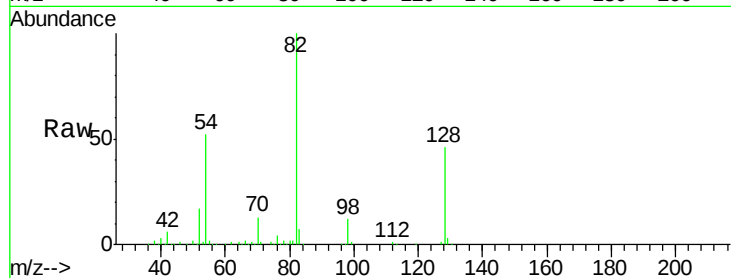
Tot Ion: 82 Resp: 272626

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

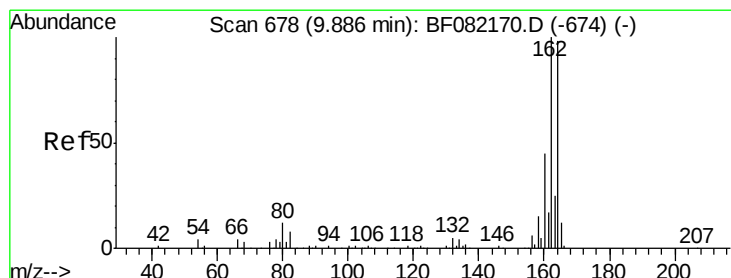
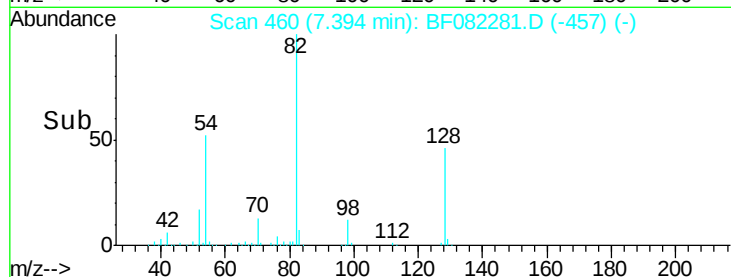
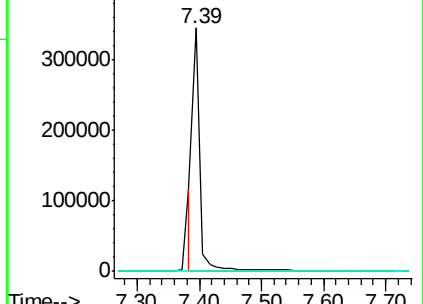
138 0.0 13.6 20.4#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.87 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF082281.D

Acq: 14 Oct 2015 15:59

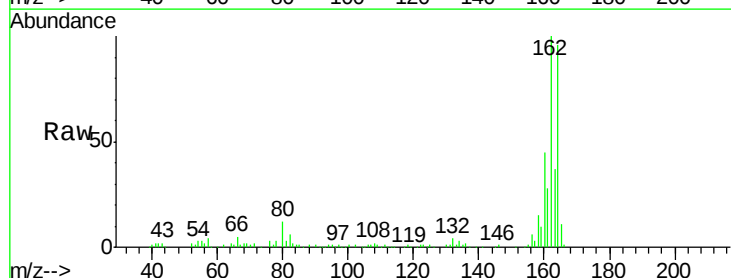
Tgt Ion: 164 Resp: 148710

Ion Ratio Lower Upper

164 100

162 104.7 81.6 122.4

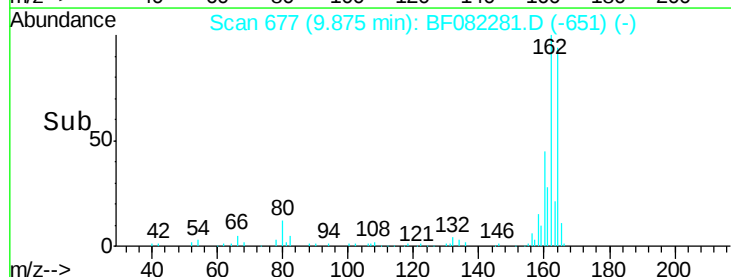
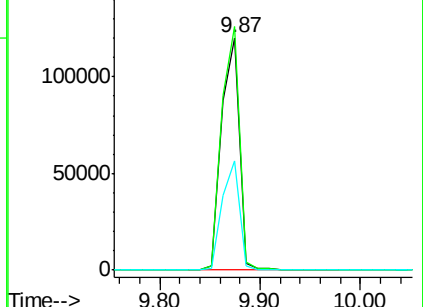
160 46.9 36.4 54.6



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

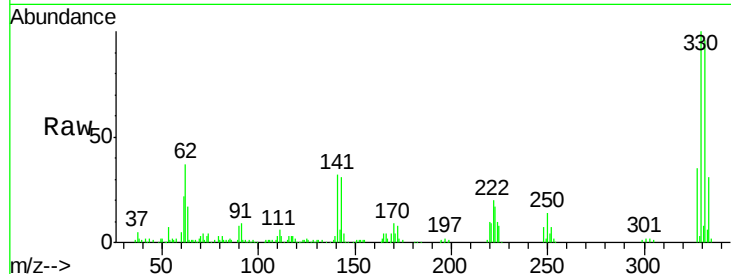




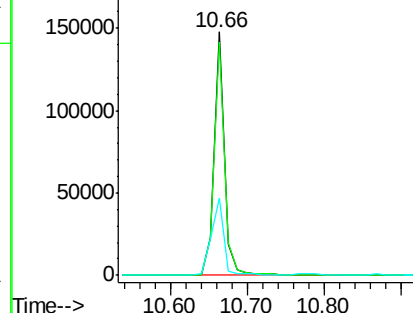
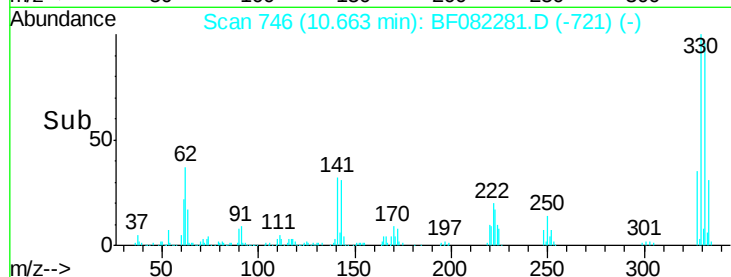
#41
 2,4,6-Tribromophenol
 Concen: 98.27 ng
 RT: 10.66 min Scan# 746
 Delta R.T. -0.01 min
 Lab File: BF082281.D
 Acq: 14 Oct 2015 15:59

Instrument :
 BNA_F
 ClientSampleId :
 CW-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.1	115.7
141	39.2	29.8	44.8

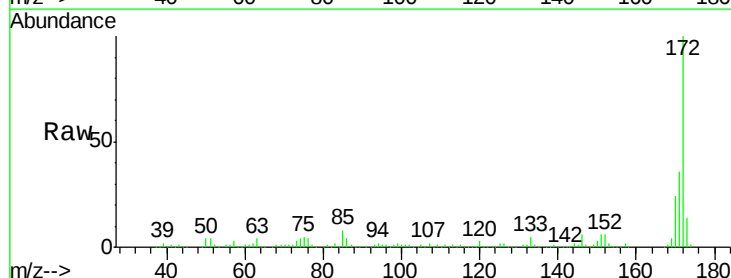


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

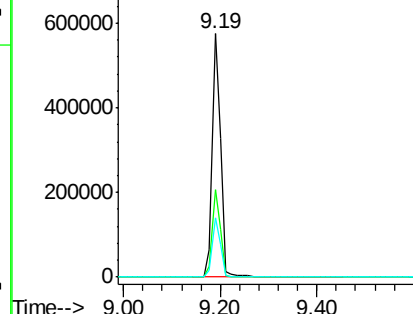
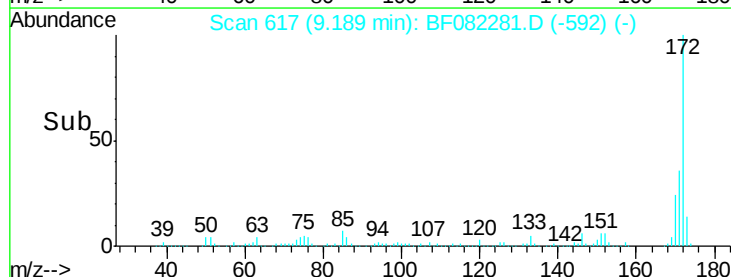


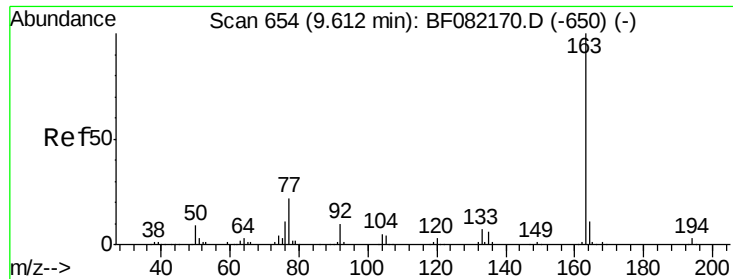
#44
 2-Fluorobiphenyl
 Concen: 77.53 ng
 RT: 9.19 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: BF082281.D
 Acq: 14 Oct 2015 15:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	42.8
170	24.2	19.7	29.5



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

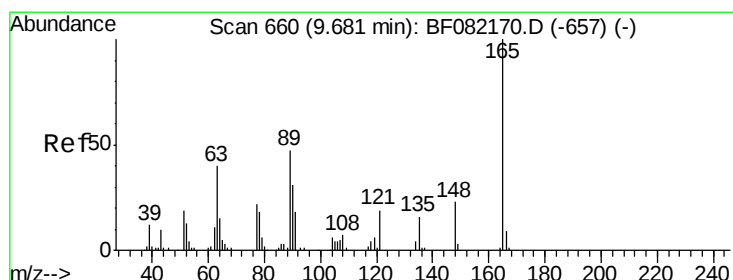
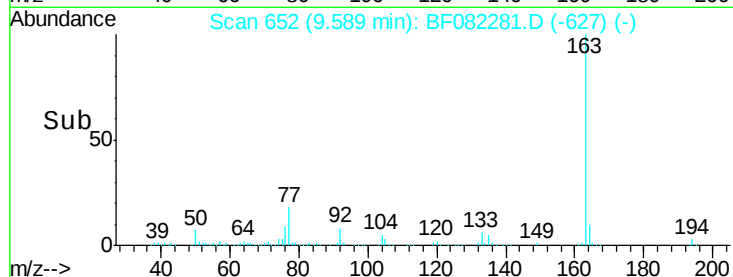
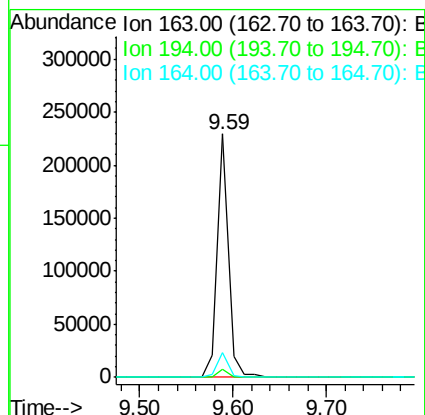
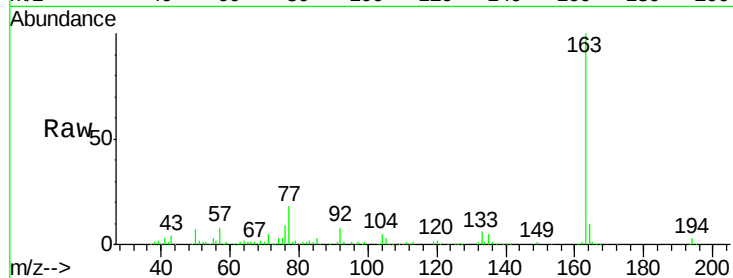




#49
Dimethylphthalate
Concen: 18.30 ng
RT: 9.59 min Scan# 652
Delta R.T. -0.01 min
Lab File: BF082281.D
Acq: 14 Oct 2015 15:59

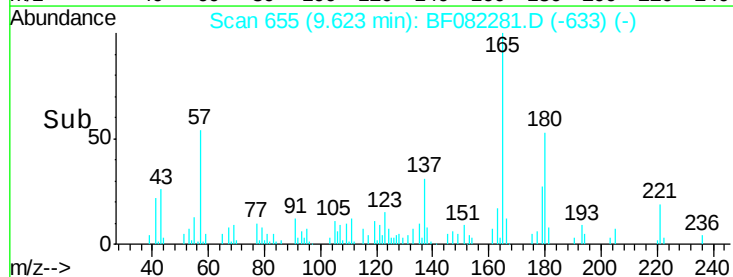
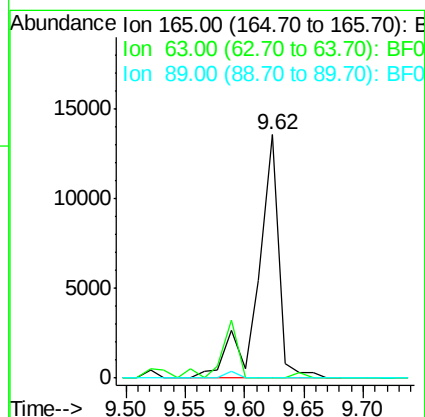
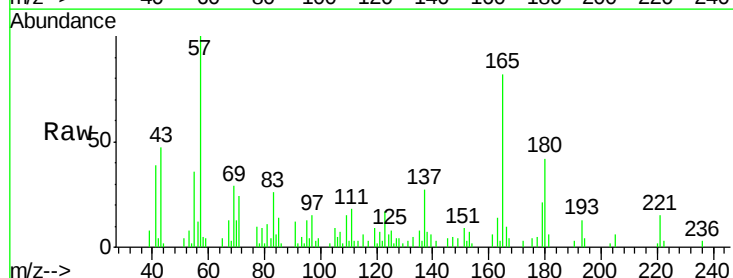
Instrument :
BNA_F
ClientSampleId :
CW-1

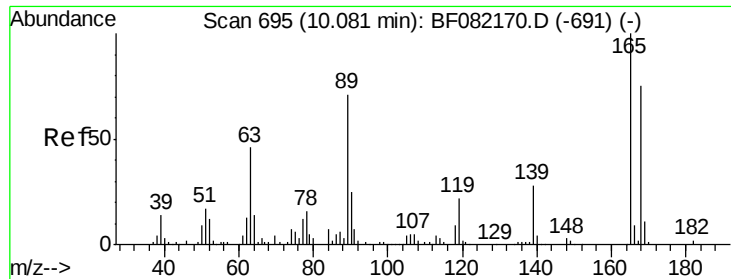
Tot Ion:163 Resp: 191584
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.0 8.5 12.7



#50
2,6-Dinitrotoluene
Concen: 7.58 ng
RT: 9.62 min Scan# 655
Delta R.T. -0.05 min
Lab File: BF082281.D
Acq: 14 Oct 2015 15:59

Tgt Ion:165 Resp: 16756
Ion Ratio Lower Upper
165 100
63 0.0 36.7 55.1#
89 0.0 37.8 56.6#

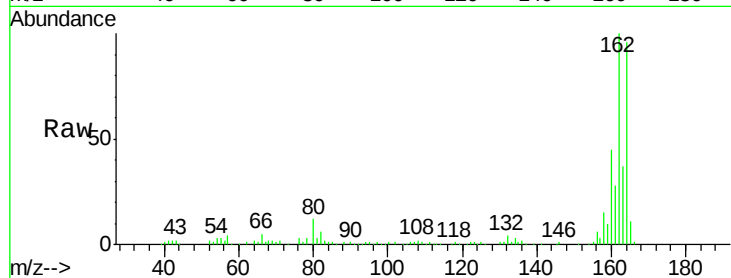




#56
 2,4-Dinitrotoluene
 Concen: 7.58 ng
 RT: 9.87 min Scan# 677
 Delta R.T. -0.19 min
 Lab File: BF082281.D
 Acq: 14 Oct 2015 15:59

Instrument :
 BNA_F
 ClientSampleId :
 CW-1

Tot Ion:165	Resp:	20929
Ion Ratio	Lower	Upper
165	100	
63	0.0	38.6 58.0#
89	0.0	57.0 85.6#
182	0.0	1.8 2.6#

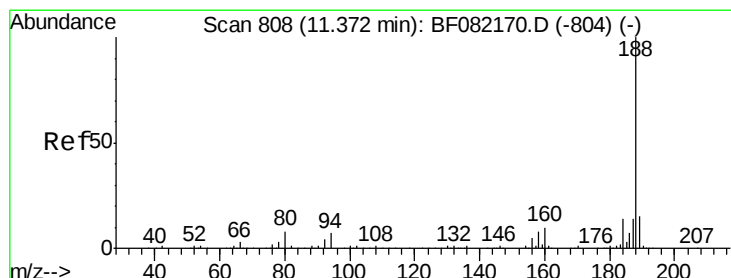
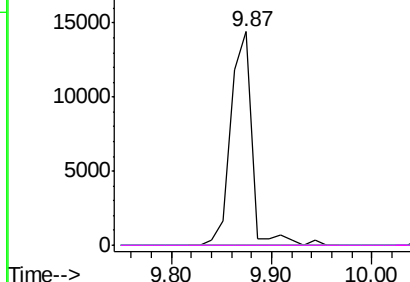
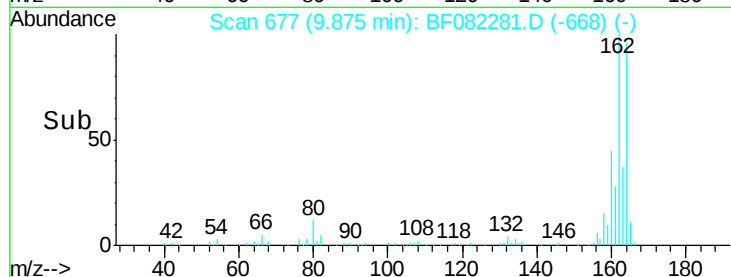


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

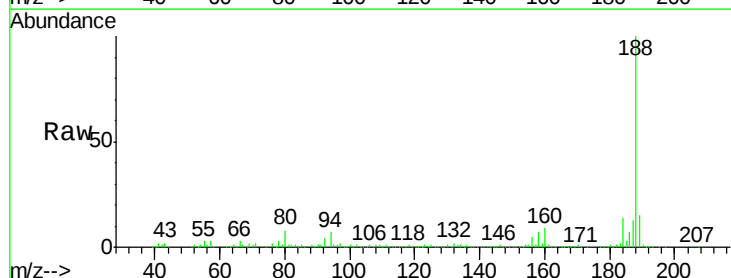
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.36 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF082281.D
 Acq: 14 Oct 2015 15:59

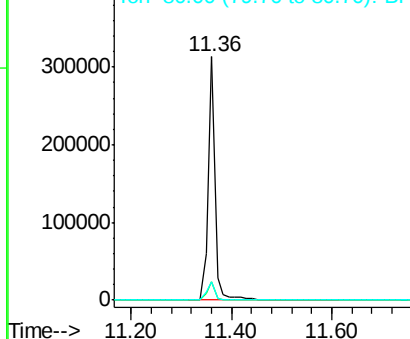
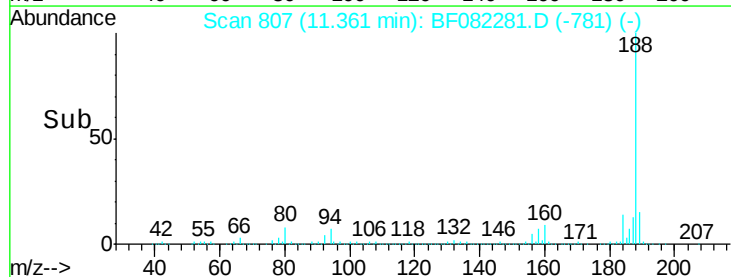
Tgt Ion:188	Resp:	298725
Ion Ratio	Lower	Upper
188	100	
94	7.5	5.8 8.6
80	7.8	6.4 9.6

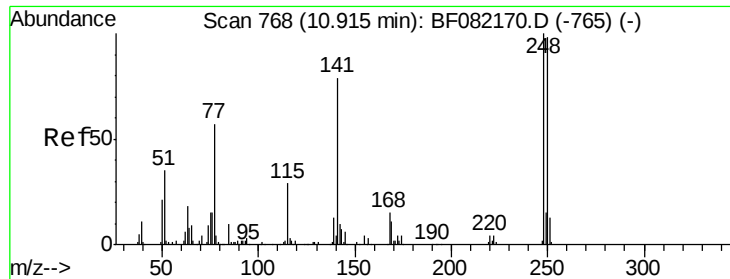


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 3.23 ng

RT: 10.66 min Scan# 746

Delta R.T. -0.24 min

Lab File: BF082281.D

Acq: 14 Oct 2015 15:59

Instrument :

BNA_F

ClientSampleId :

CW-1

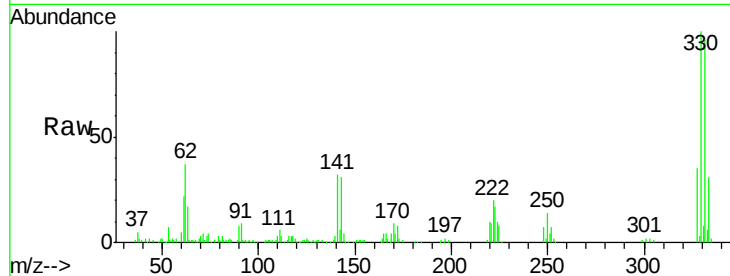
Tot Ion:248 Resp: 9671

Ion Ratio Lower Upper

248 100

250 191.4 78.6 117.8#

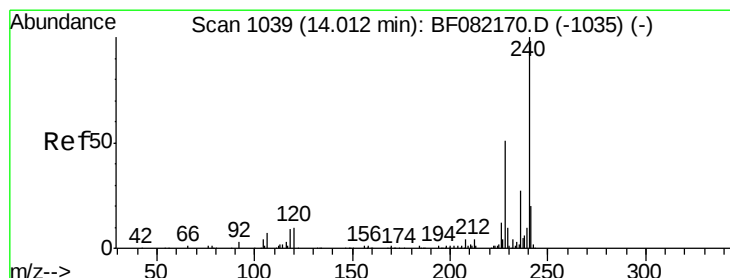
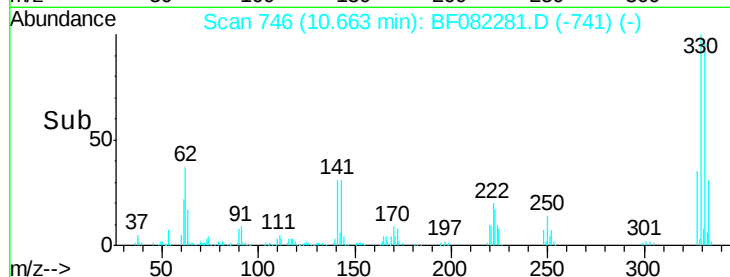
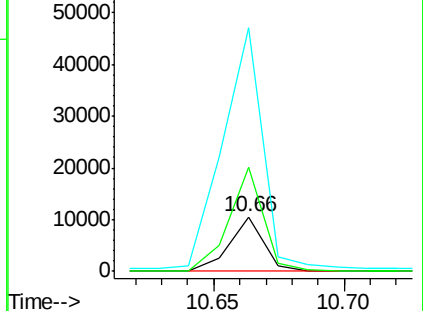
141 447.3 63.3 94.9#



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.05 min Scan# 1042

Delta R.T. -0.08 min

Lab File: BF082281.D

Acq: 14 Oct 2015 15:59

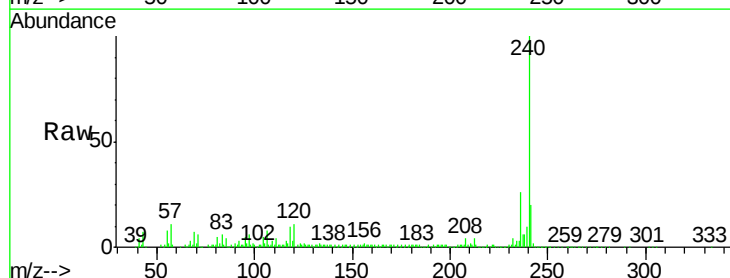
Tgt Ion:240 Resp: 246182

Ion Ratio Lower Upper

240 100

120 11.3 8.1 12.1

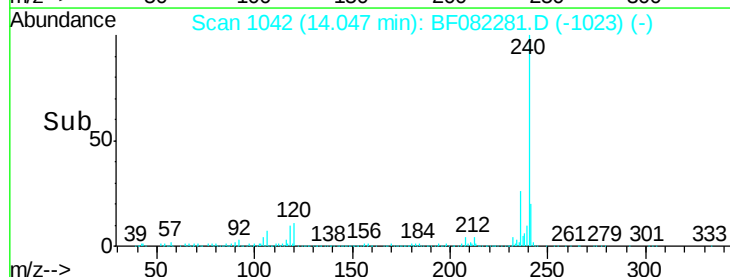
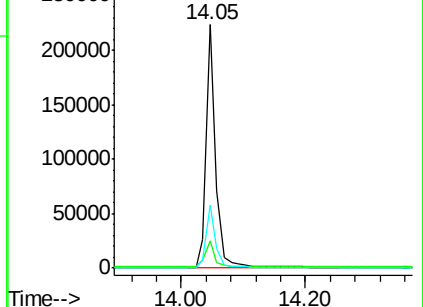
236 26.2 21.3 31.9

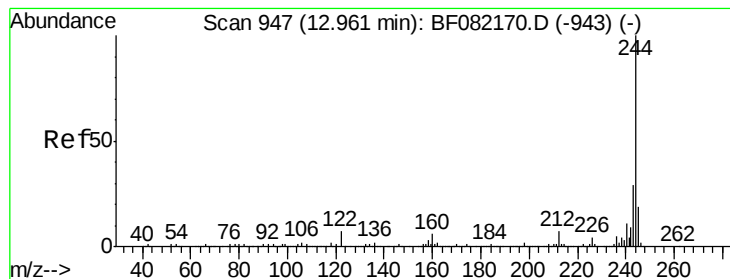


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 81.86 ng

RT: 12.96 min Scan# 947

Delta R.T. -0.02 min

Lab File: BF082281.D

Acq: 14 Oct 2015 15:59

Instrument :

BNA_F

ClientSampleId :

CW-1

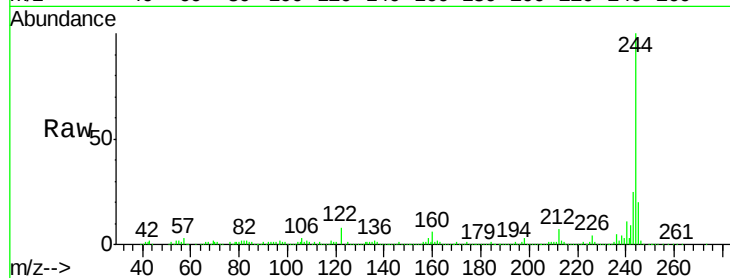
Tot Ion:244 Resp: 760525

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

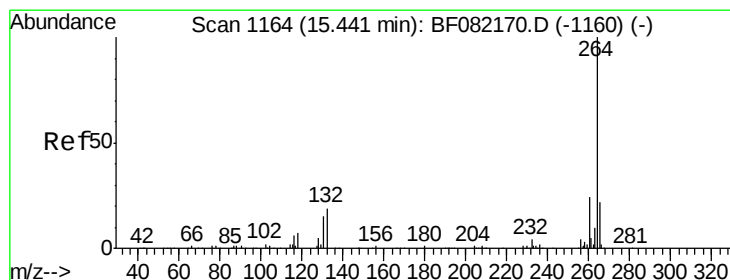
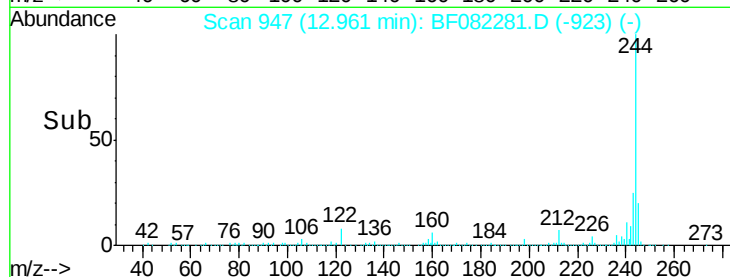
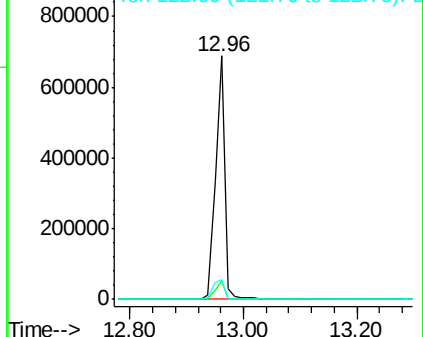
122 7.9 5.9 8.9



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: 15.58 min Scan# 1176

Delta R.T. -0.16 min

Lab File: BF082281.D

Acq: 14 Oct 2015 15:59

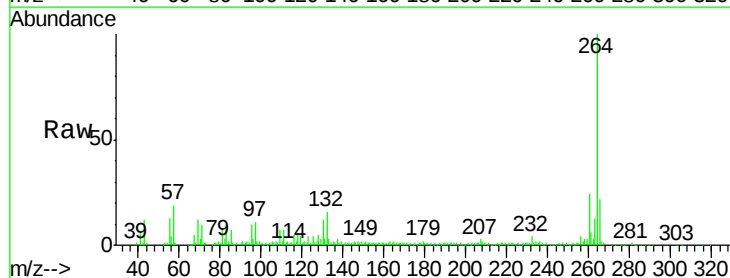
Tgt Ion:264 Resp: 177180

Ion Ratio Lower Upper

264 100

260 23.9 19.0 28.6

265 22.0 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

