

Data Path : Z:\HPCHEM1\BNA_F\Data\BF081915\
 Data File : BF081122.D
 Acq On : 20 Aug 2015 12:24
 Operator : UM/IZ
 Sample : G3230-02 5X
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB2A

Quant Time: Aug 20 13:06:34 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 20 11:22:13 2015
 Response via : Initial Calibration

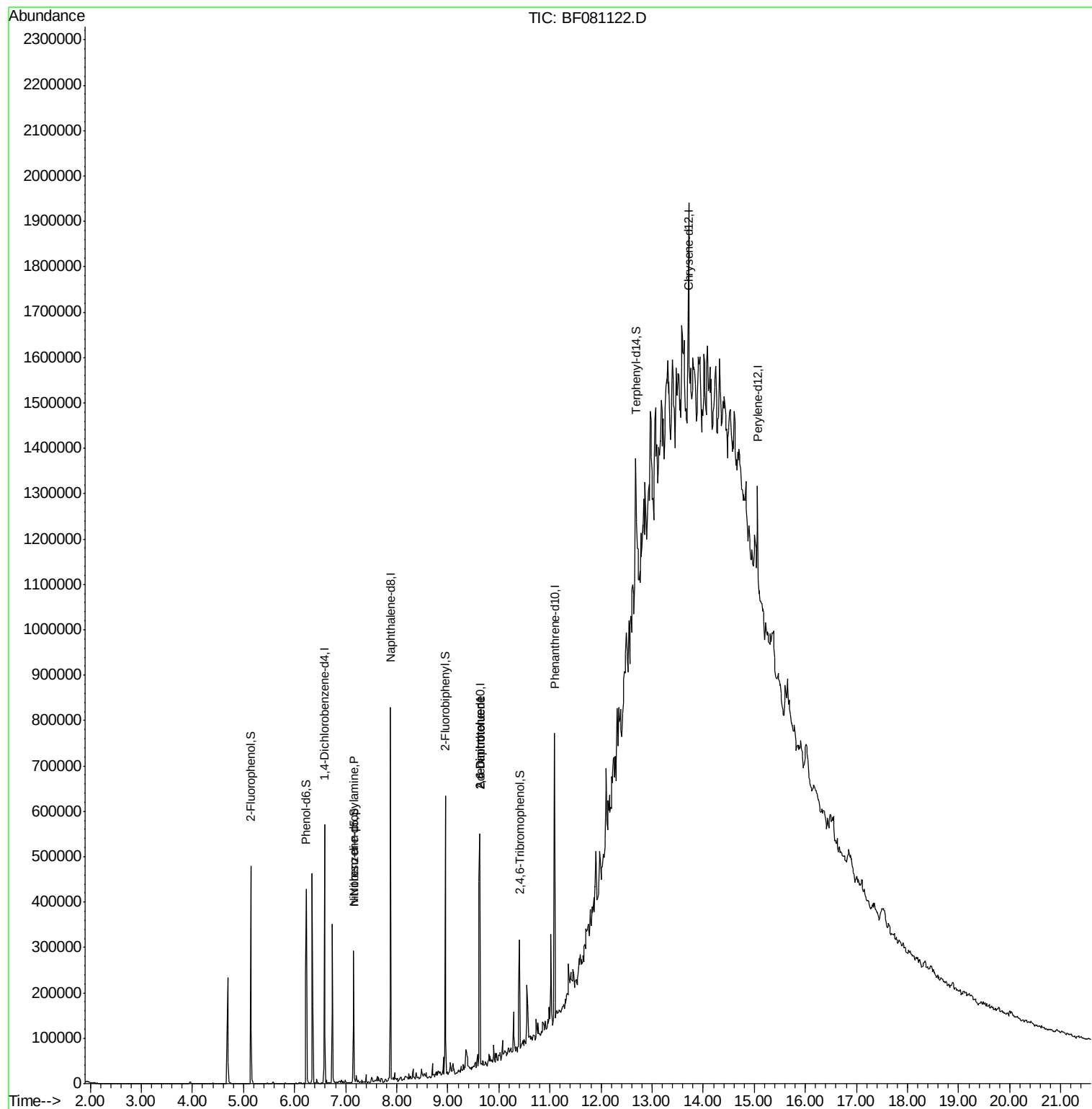
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	73063	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	319444	20.00	ng	0.00
38) Acenaphthene-d10	9.62	164	128419	20.00	ng	0.00
63) Phenanthrene-d10	11.09	188	223250	20.00	ng	0.00
75) Chrysene-d12	13.72	240	141386	20.00	ng	0.01
86) Perylene-d12	15.07	264	113034	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	113630	23.39	ng	0.00
7) Phenol-d6	6.23	99	163897	25.86	ng	0.00
23) Nitrobenzene-d5	7.16	82	99027	14.16	ng	-0.01
41) 2,4,6-Tribromophenol	10.40	330	23674	21.27	ng	0.00
44) 2-Fluorobiphenyl	8.95	172	168585	17.20	ng	-0.01
78) Terphenyl-d14	12.68	244	116387	17.65	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.16	70	12418	2.83	ng	# 67
50) 2,6-Dinitrotoluene	9.62	165	16873	7.43	ng	# 24
56) 2,4-Dinitrotoluene	9.62	165	16871	5.61	ng	# 19

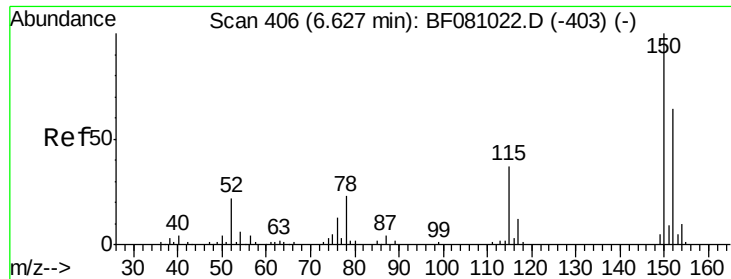
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

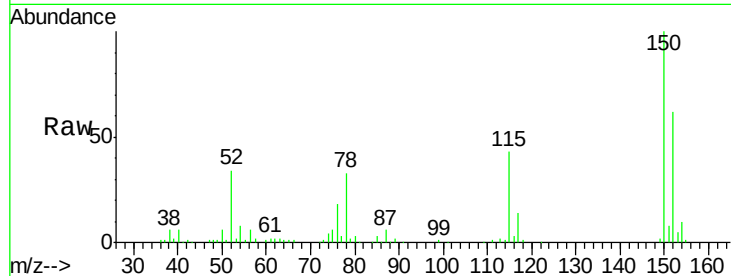




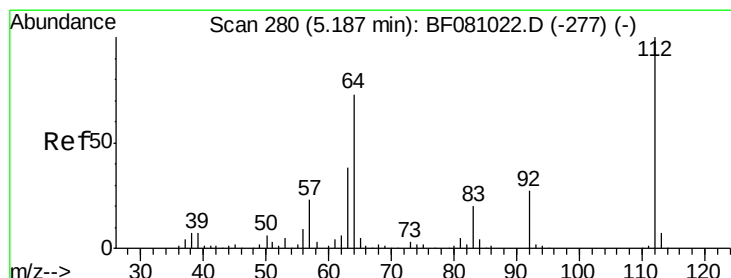
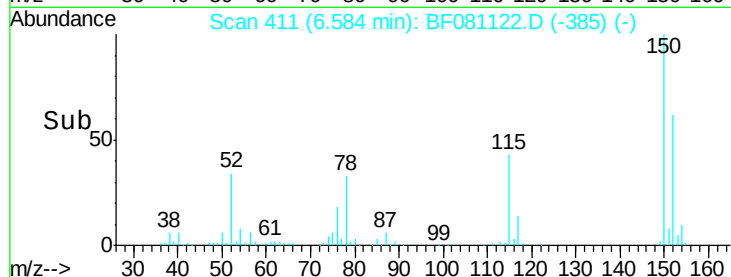
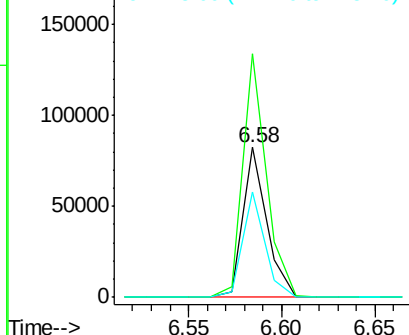
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.58 min Scan# 411
 Delta R.T. -0.00 min
 Lab File: BF081122.D
 Acq: 20 Aug 2015 12:24

Instrument :
 BNA_F
 ClientSampleId :
 SB2A

Tgt Ion:152 Resp: 73063
 Ion Ratio Lower Upper
 152 100
 150 162.5 123.8 185.6
 115 69.9 52.1 78.1

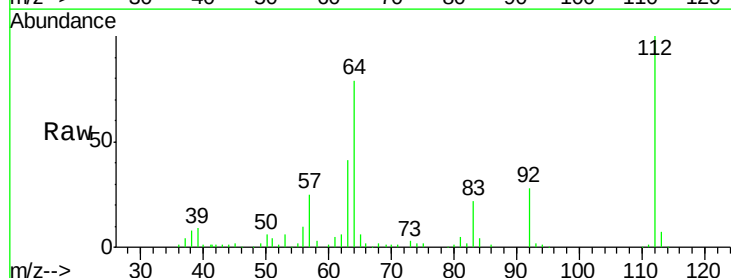


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

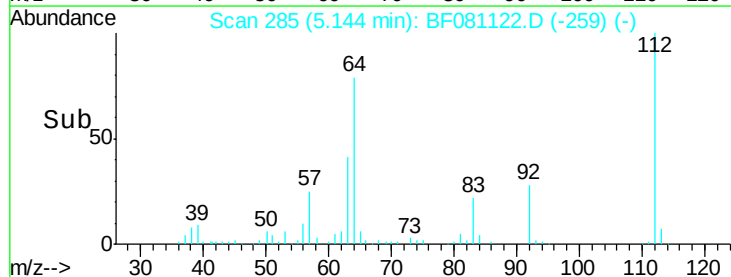
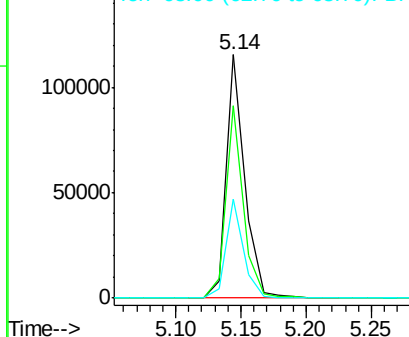


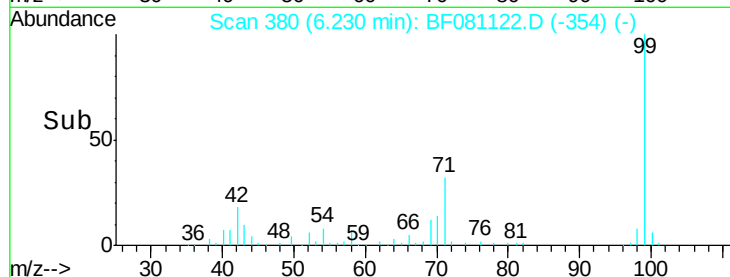
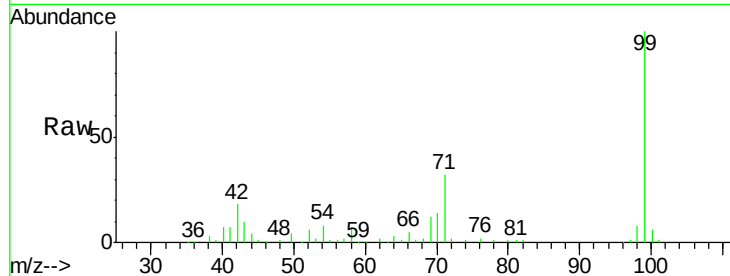
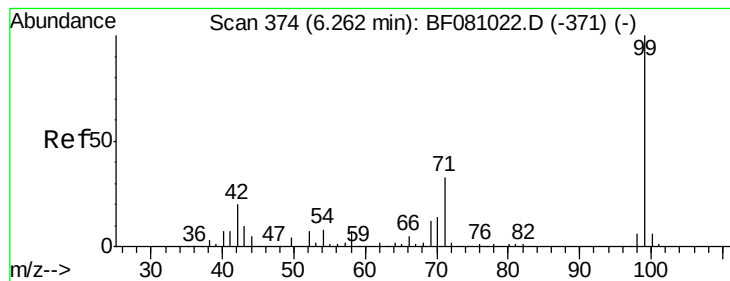
#5
 2-Fluorophenol
 Concen: 23.39 ng
 RT: 5.14 min Scan# 285
 Delta R.T. -0.00 min
 Lab File: BF081122.D
 Acq: 20 Aug 2015 12:24

Tgt Ion:112 Resp: 113630
 Ion Ratio Lower Upper
 112 100
 64 79.0 66.9 100.3
 63 40.6 38.1 57.1



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: 25.86 ng

RT: 6.23 min Scan# 380

Delta R.T. -0.00 min

Lab File: BF081122.D

Acq: 20 Aug 2015 12:24

Instrument :

BNA_F

ClientSampleId :

SB2A

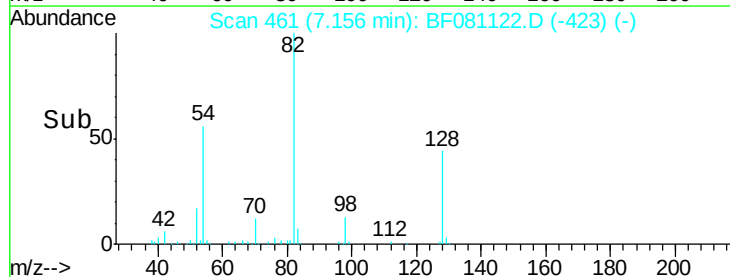
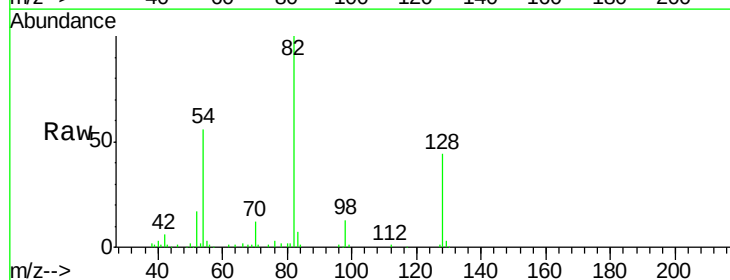
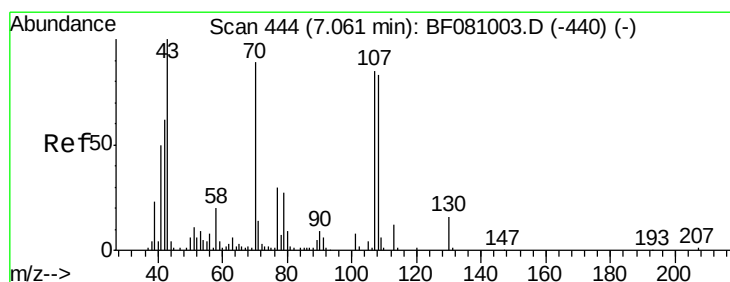
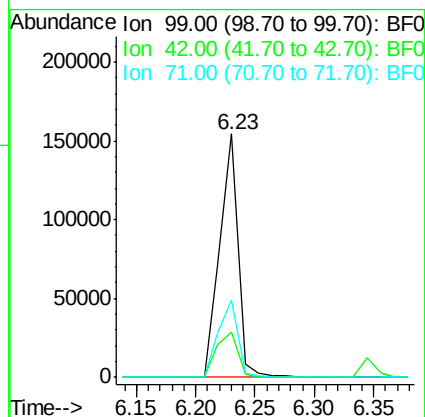
Tgt Ion: 99 Resp: 163897

Ion Ratio Lower Upper

99 100

42 18.4 19.6 29.4#

71 31.9 31.2 46.8



#19

n-Nitroso-di-n-propylamine

Concen: 2.83 ng

RT: 7.16 min Scan# 461

Delta R.T. 0.14 min

Lab File: BF081122.D

Acq: 20 Aug 2015 12:24

Tgt Ion: 70 Resp: 12418

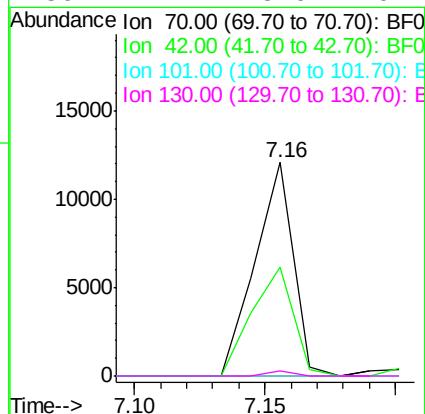
Ion Ratio Lower Upper

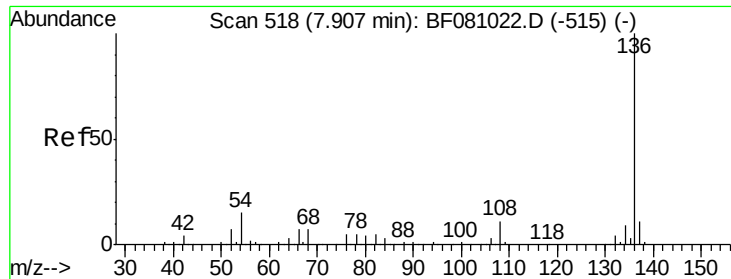
70 100

42 51.1 65.0 97.4#

101 0.0 7.4 11.2#

130 2.7 13.0 19.4#

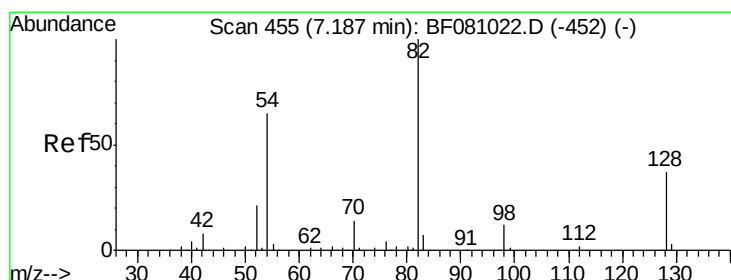
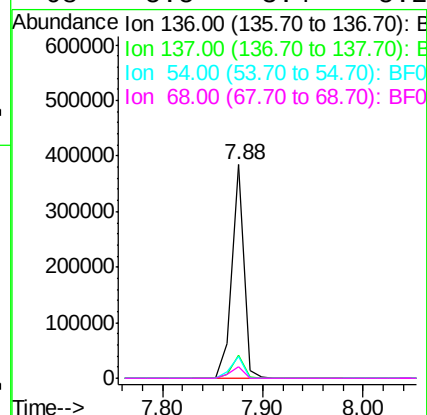
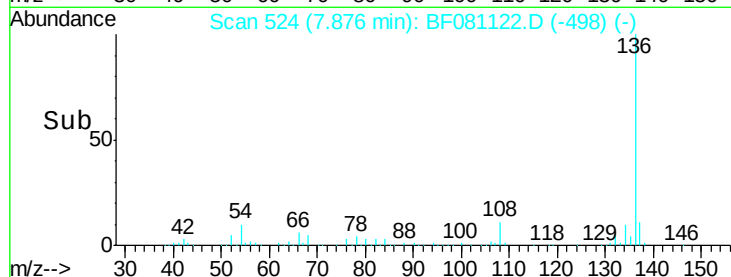
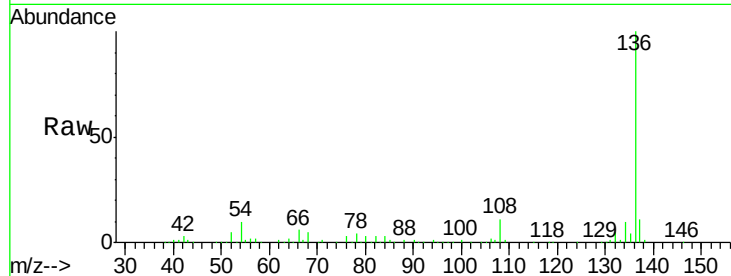




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 524
Delta R.T. -0.00 min
Lab File: BF081122.D
Acq: 20 Aug 2015 12:24

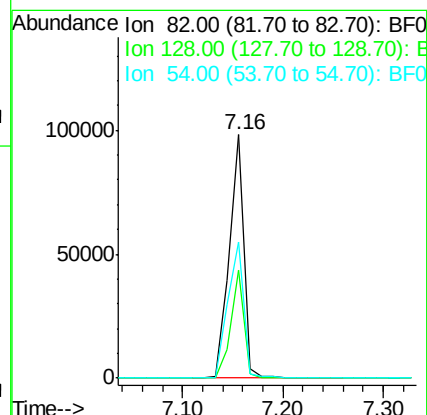
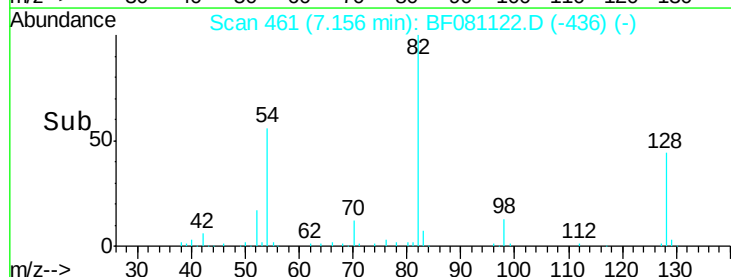
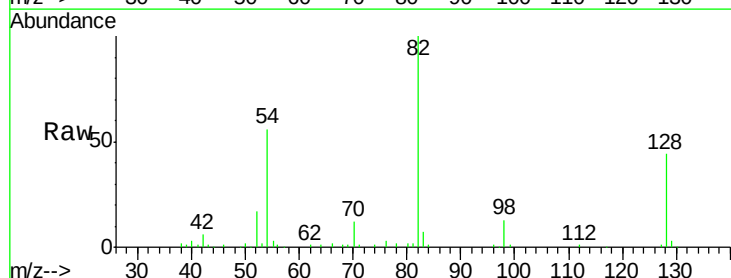
Instrument :
BNA_F
ClientSampleId :
SB2A

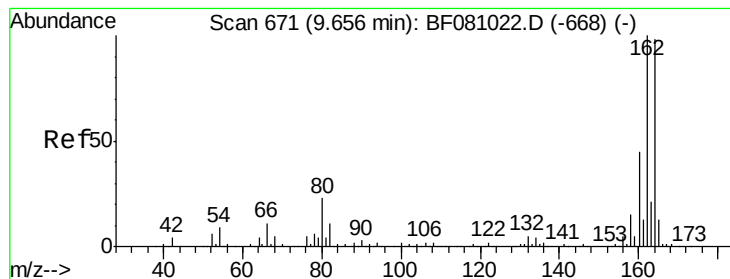
Tgt Ion:	136	Resp:	319444
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.2	12.2
54	10.4	7.7	11.5
68	5.5	3.4	5.2#



#23
Nitrobenzene-d5
Concen: 14.16 ng
RT: 7.16 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF081122.D
Acq: 20 Aug 2015 12:24

Tgt Ion:	82	Resp:	99027
Ion	Ratio	Lower	Upper
82	100		
128	44.3	28.6	42.8#
54	55.7	55.1	82.7





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.62 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF081122.D

Acq: 20 Aug 2015 12:24

Instrument :

BNA_F

ClientSampleId :

SB2A

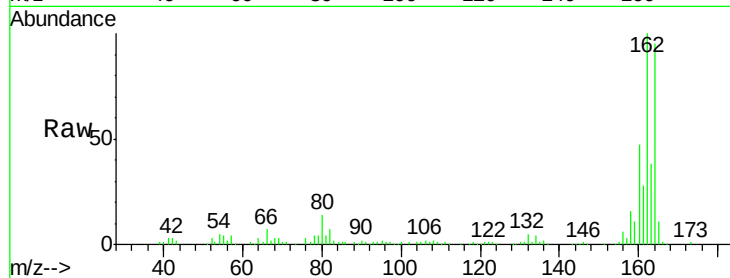
Tgt Ion:164 Resp: 128419

Ion Ratio Lower Upper

164 100

162 105.5 83.8 125.8

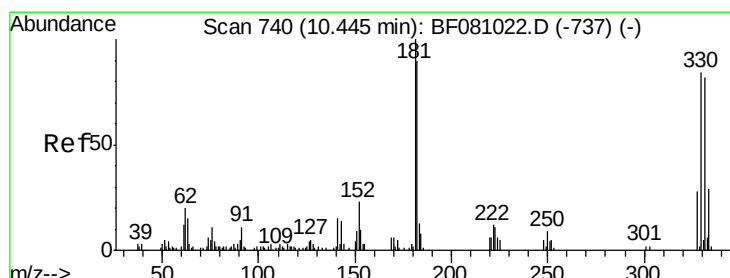
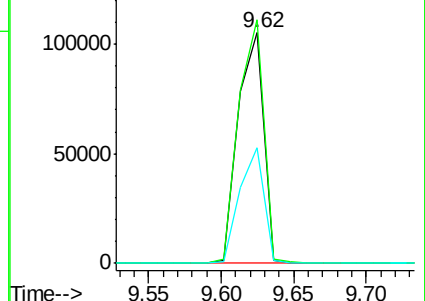
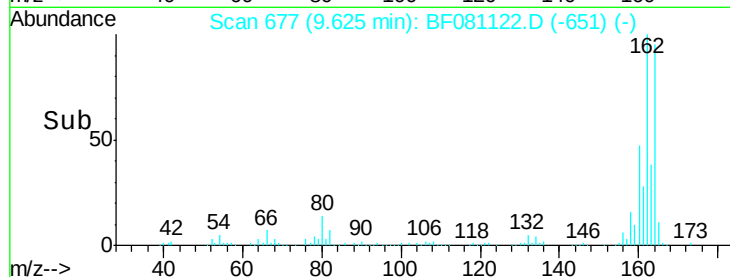
160 49.9 39.8 59.8



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: 21.27 ng

RT: 10.40 min Scan# 745

Delta R.T. -0.00 min

Lab File: BF081122.D

Acq: 20 Aug 2015 12:24

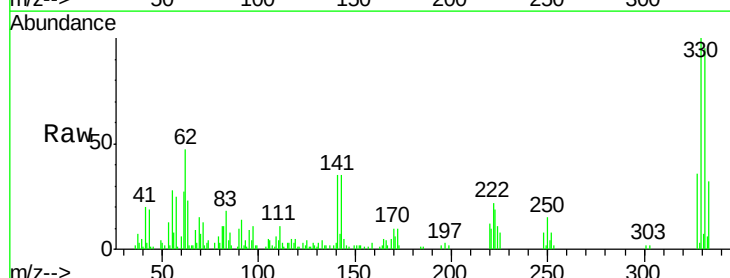
Tgt Ion:330 Resp: 23674

Ion Ratio Lower Upper

330 100

332 97.1 77.3 115.9

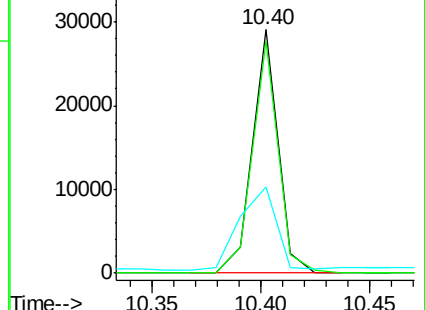
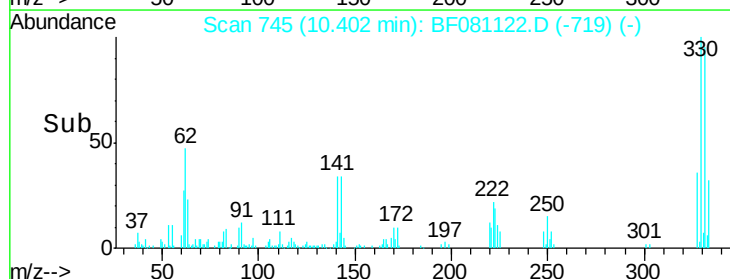
141 51.1 44.9 67.3

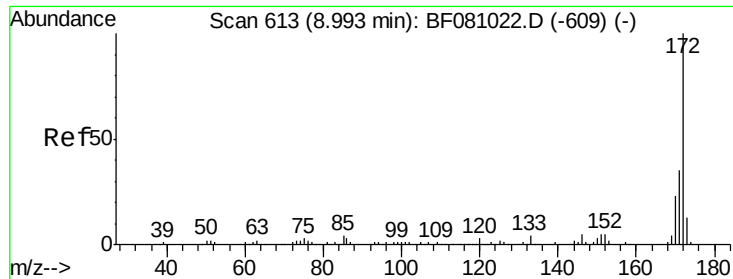


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

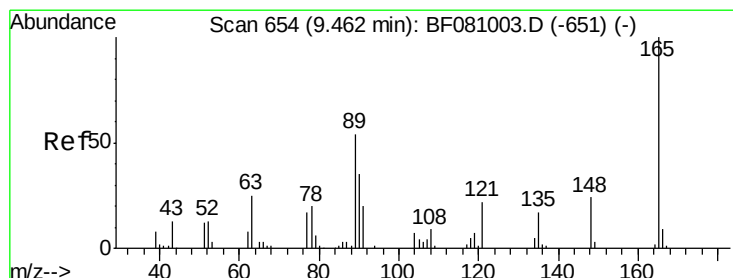
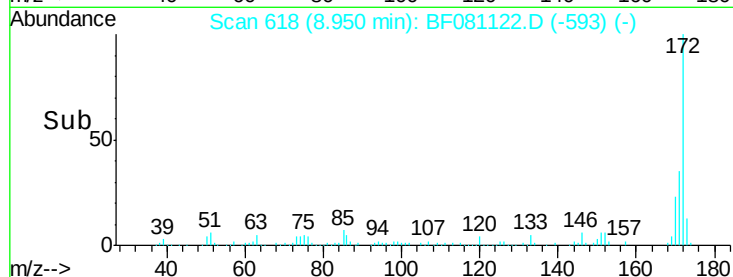
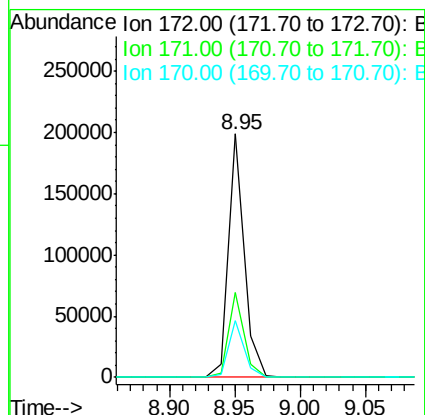
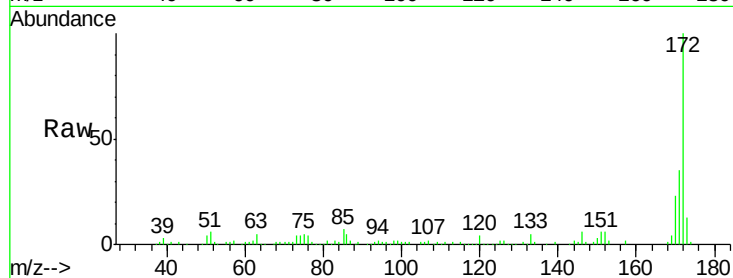




#44
 2-Fluorobiphenyl
 Concen: 17.20 ng
 RT: 8.95 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF081122.D
 Acq: 20 Aug 2015 12:24

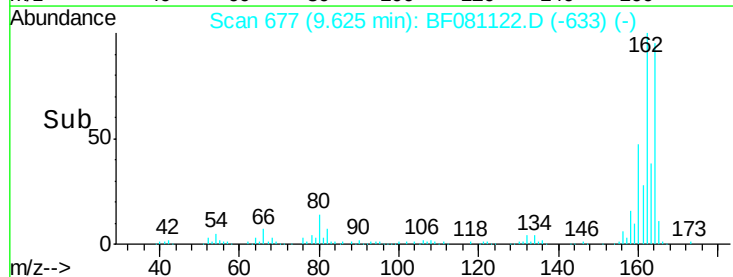
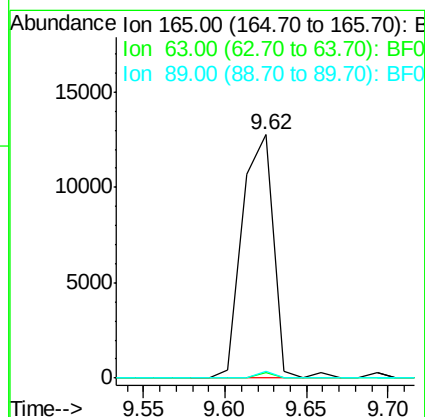
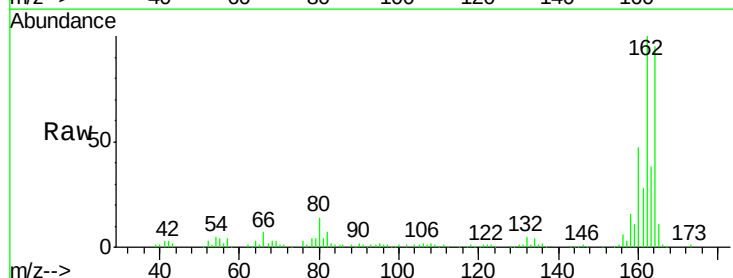
Instrument :
 BNA_F
 ClientSampleId :
 SB2A

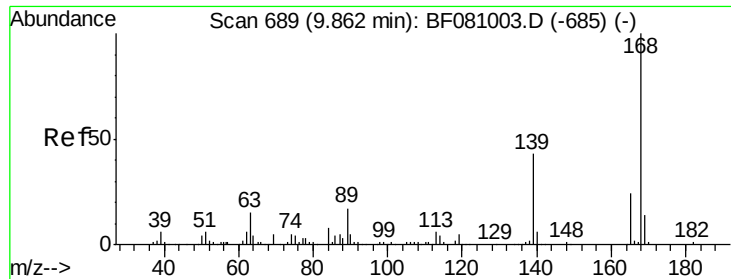
Tgt Ion:172 Resp: 168585
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.9 43.3
 170 23.3 19.4 29.2



#50
 2,6-Dinitrotoluene
 Concen: 7.43 ng
 RT: 9.62 min Scan# 677
 Delta R.T. 0.21 min
 Lab File: BF081122.D
 Acq: 20 Aug 2015 12:24

Tgt Ion:165 Resp: 16873
 Ion Ratio Lower Upper
 165 100
 63 2.4 49.5 74.3#
 89 2.7 47.6 71.4#

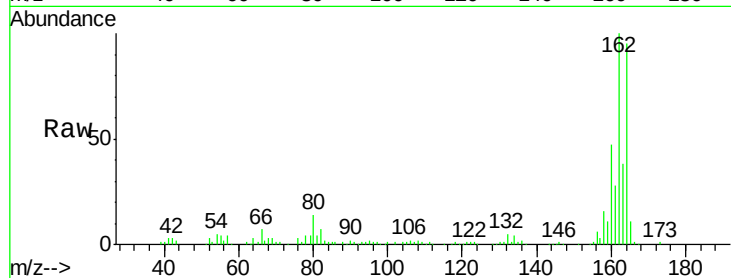




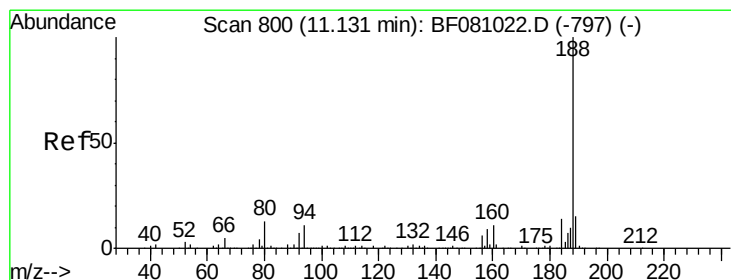
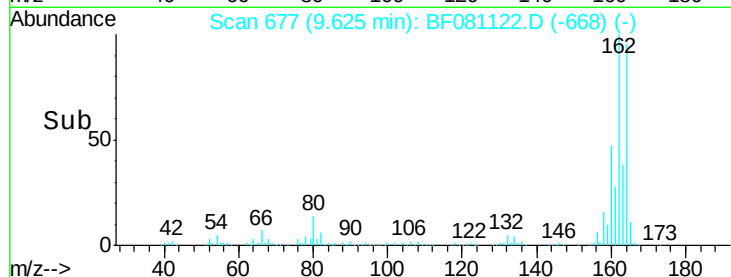
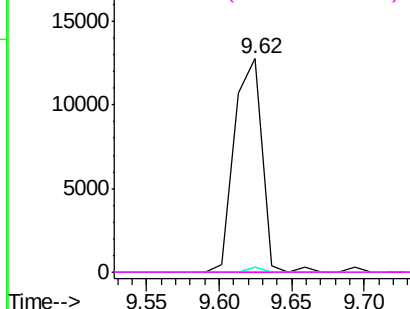
#56
 2,4-Dinitrotoluene
 Concen: 5.61 ng
 RT: 9.62 min Scan# 677
 Delta R.T. -0.19 min
 Lab File: BF081122.D
 Acq: 20 Aug 2015 12:24

Instrument :
 BNA_F
 ClientSampleId :
 SB2A

Tgt Ion:165 Resp: 16871
 Ion Ratio Lower Upper
 165 100
 63 2.4 52.2 78.4#
 89 2.7 60.1 90.1#
 182 0.0 1.8 2.6#

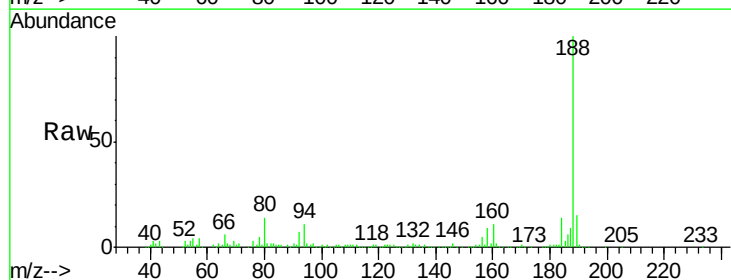


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

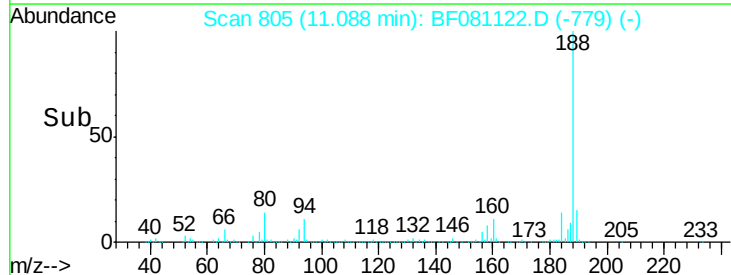
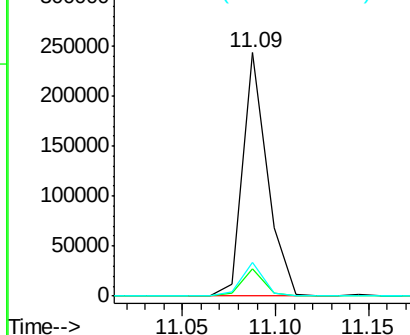


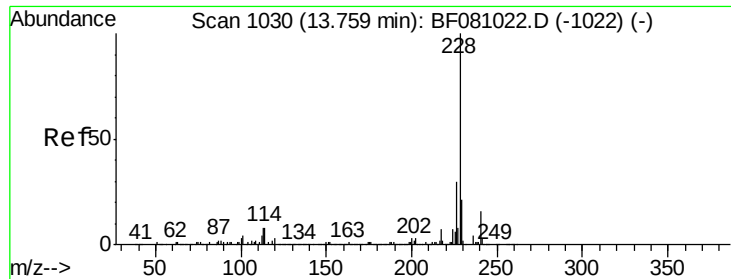
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.09 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF081122.D
 Acq: 20 Aug 2015 12:24

Tgt Ion:188 Resp: 223250
 Ion Ratio Lower Upper
 188 100
 94 11.2 8.2 12.2
 80 13.9 9.5 14.3



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.72 min Scan# 1035

Delta R.T. 0.01 min

Lab File: BF081122.D

Acq: 20 Aug 2015 12:24

Instrument :

BNA_F

ClientSampleId :

SB2A

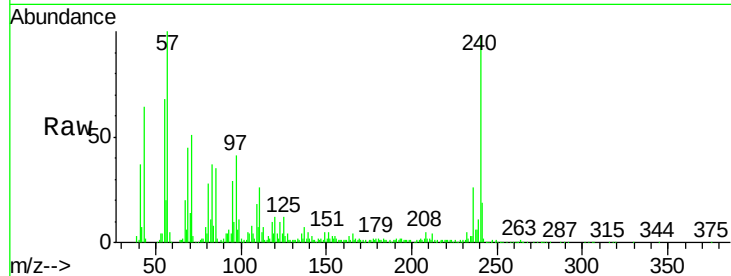
Tgt Ion:240 Resp: 141386

Ion Ratio Lower Upper

240 100

120 11.9 5.6 8.4#

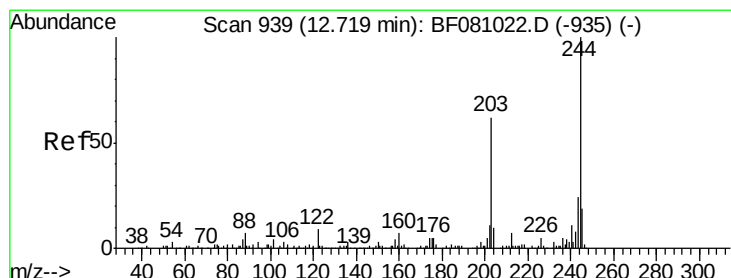
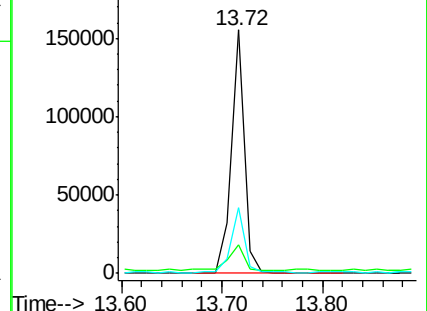
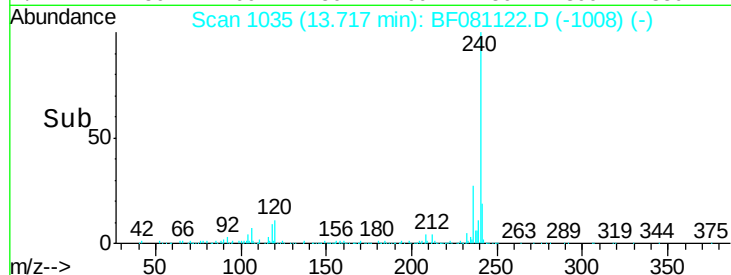
236 27.0 20.6 30.8



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: 17.65 ng

RT: 12.68 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF081122.D

Acq: 20 Aug 2015 12:24

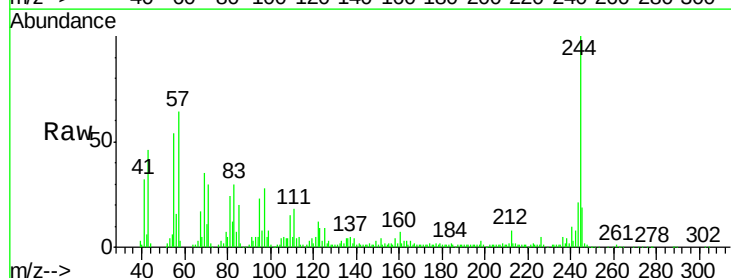
Tgt Ion:244 Resp: 116387

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

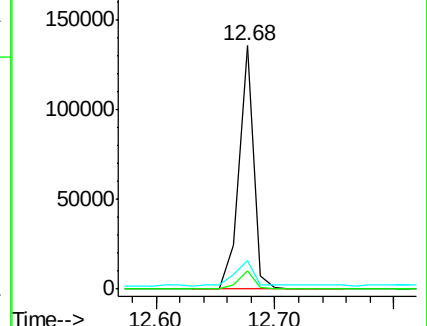
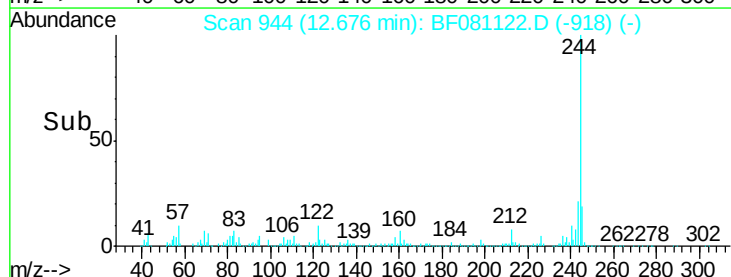
122 11.5 8.2 12.4

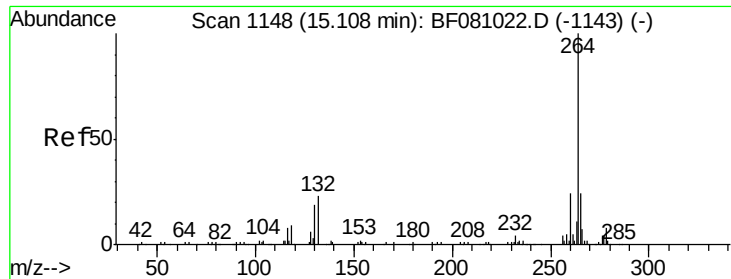


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

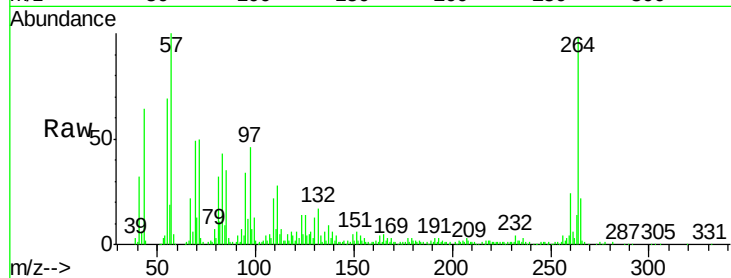




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.07 min Scan# 1153
Delta R.T. 0.02 min
Lab File: BF081122.D
Acq: 20 Aug 2015 12:24

Instrument :
BNA_F
ClientSampleId :
SB2A

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.6	29.4
265	22.5	17.5	26.3



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

