

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082415\
 Data File : BF081172.D
 Acq On : 24 Aug 2015 16:53
 Operator : UM/IZ
 Sample : PB85134BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85134TB

Quant Time: Aug 24 23:17:42 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 13:58:19 2015
 Response via : Initial Calibration

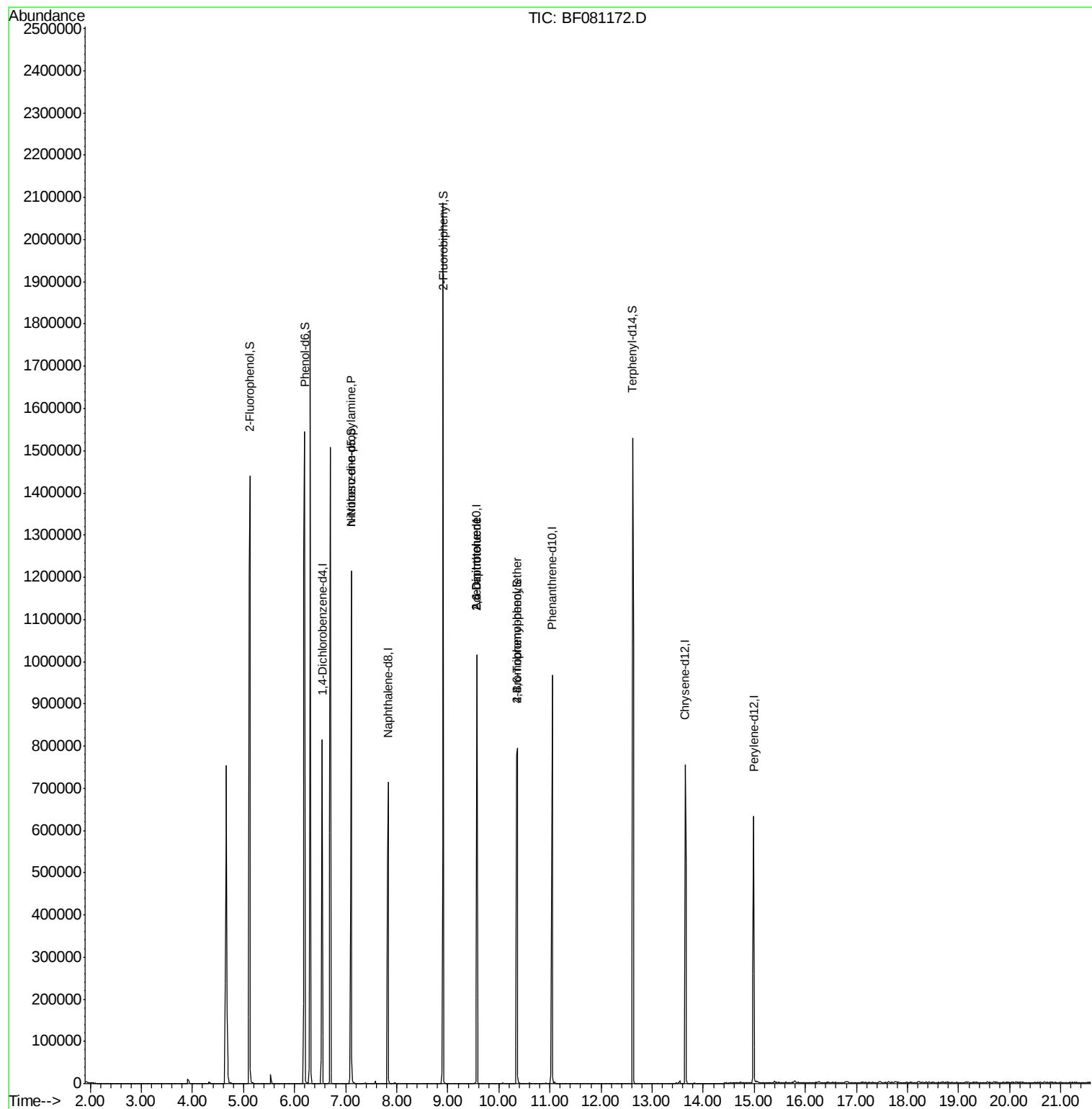
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	105089	20.00	ng	0.00
21) Naphthalene-d8	7.83	136	420374	20.00	ng	0.00
38) Acenaphthene-d10	9.57	164	196281	20.00	ng	-0.01
63) Phenanthrene-d10	11.04	188	414070	20.00	ng	0.00
75) Chrysene-d12	13.65	240	341982	20.00	ng	-0.01
86) Perylene-d12	14.99	264	247144	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	511113	73.15	ng	0.02
7) Phenol-d6	6.20	99	717026	78.65	ng	0.00
23) Nitrobenzene-d5	7.11	82	398978	43.36	ng	-0.01
41) 2,4,6-Tribromophenol	10.36	330	124352	73.09	ng	0.00
44) 2-Fluorobiphenyl	8.90	172	627066	41.86	ng	0.00
78) Terphenyl-d14	12.62	244	628137	39.38	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.11	70	53872	8.53	ng	# 69
50) 2,6-Dinitrotoluene	9.57	165	24479	7.05	ng	# 22
56) 2,4-Dinitrotoluene	9.57	165	24479	5.32	ng	# 18
66) 4-Bromophenyl-phenylether	10.36	248	9033	2.22	ng	# 1

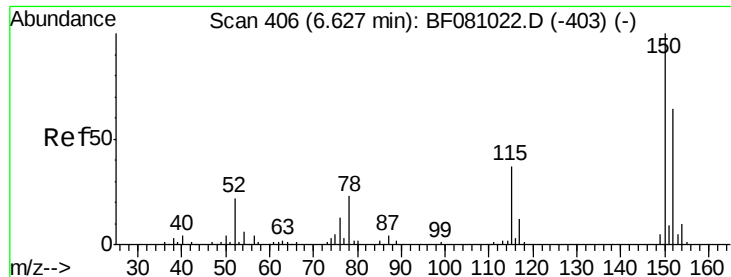
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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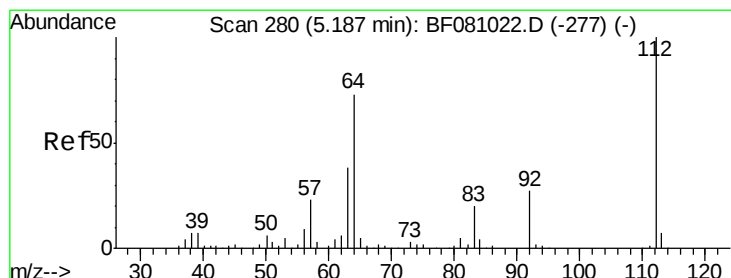
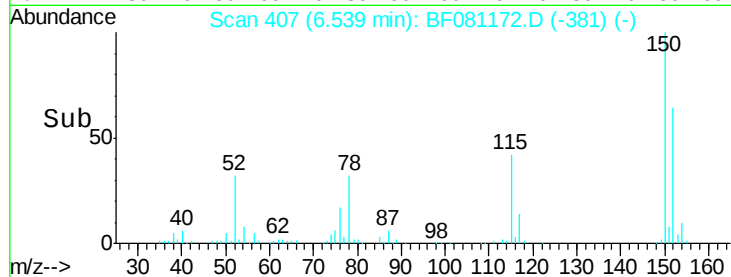
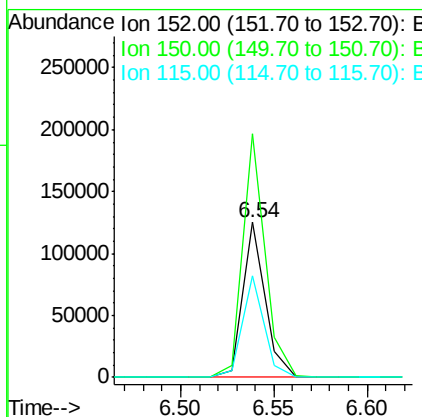
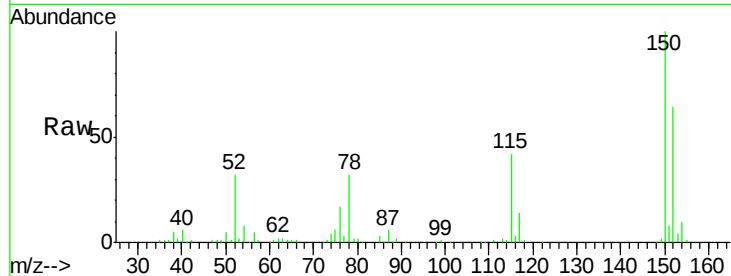




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.54 min Scan# 407
 Delta R.T. -0.00 min
 Lab File: BF081172.D
 Acq: 24 Aug 2015 16:53

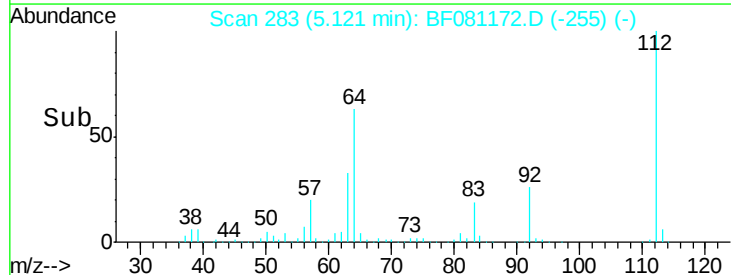
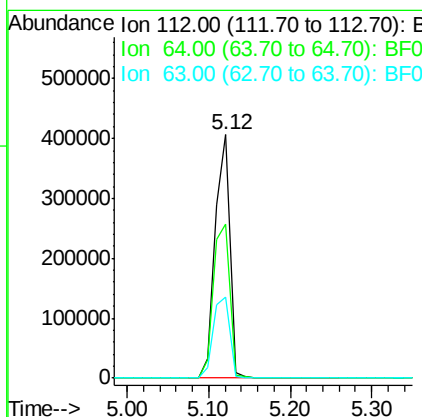
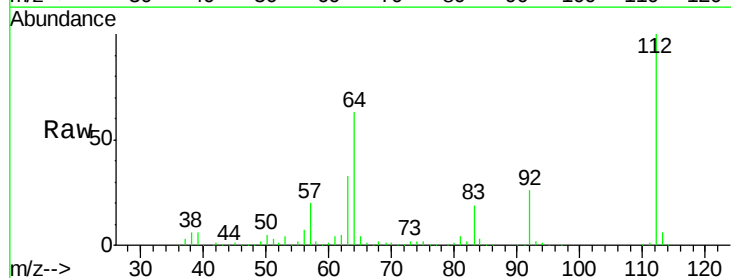
Instrument :
 BNA_F
 ClientSampleId :
 PB85134TB

Tgt Ion:152 Resp: 105089
 Ion Ratio Lower Upper
 152 100
 150 157.0 123.8 185.6
 115 65.6 52.1 78.1



#5
 2-Fluorophenol
 Concen: 73.15 ng
 RT: 5.12 min Scan# 283
 Delta R.T. 0.02 min
 Lab File: BF081172.D
 Acq: 24 Aug 2015 16:53

Tgt Ion:112 Resp: 511113
 Ion Ratio Lower Upper
 112 100
 64 63.1 66.9 100.3#
 63 33.1 38.1 57.1#





#7

Phenol-d6

Concen: 78.65 ng

RT: 6.20 min Scan# 377

Delta R.T. -0.00 min

Lab File: BF081172.D

Acq: 24 Aug 2015 16:53

Instrument :

BNA_F

ClientSampleId :

PB85134TB

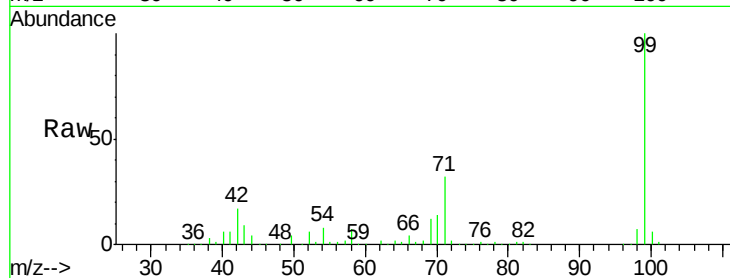
Tgt Ion: 99 Resp: 717026

Ion Ratio Lower Upper

99 100

42 16.8 19.6 29.4#

71 31.8 31.2 46.8



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

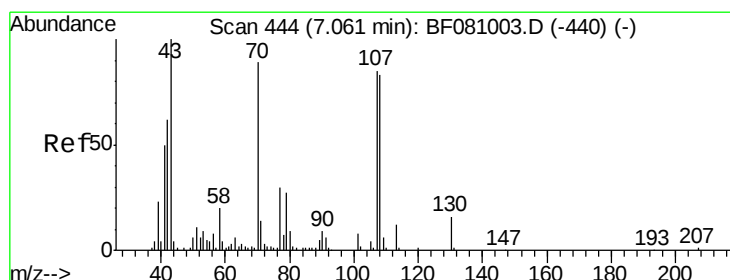
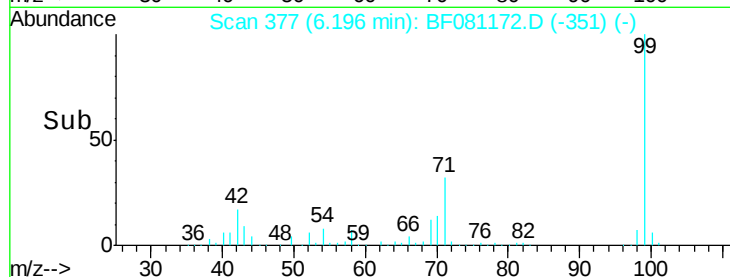
6.20

400000

200000

0

Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 8.53 ng

RT: 7.11 min Scan# 457

Delta R.T. 0.13 min

Lab File: BF081172.D

Acq: 24 Aug 2015 16:53

Tgt Ion: 70 Resp: 53872

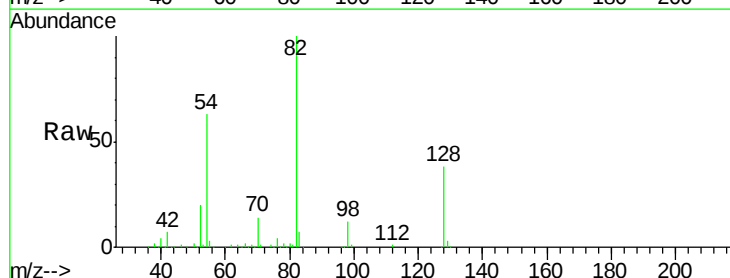
Ion Ratio Lower Upper

70 100

42 53.6 65.0 97.4#

101 0.0 7.4 11.2#

130 1.9 13.0 19.4#



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): BF0
Ion 130.00 (129.70 to 130.70): BF0

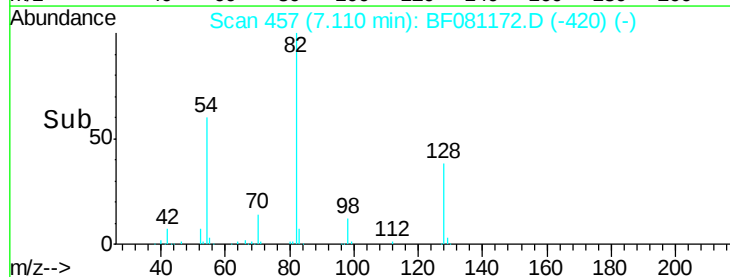
7.11

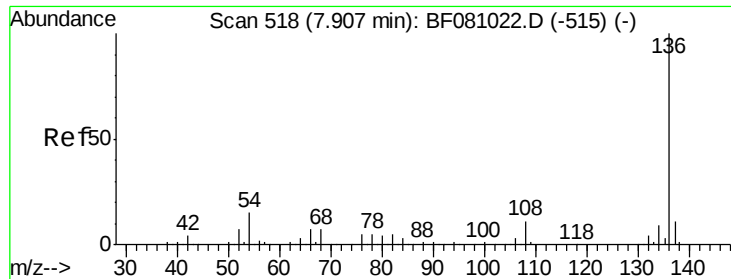
40000

20000

0

Time-->

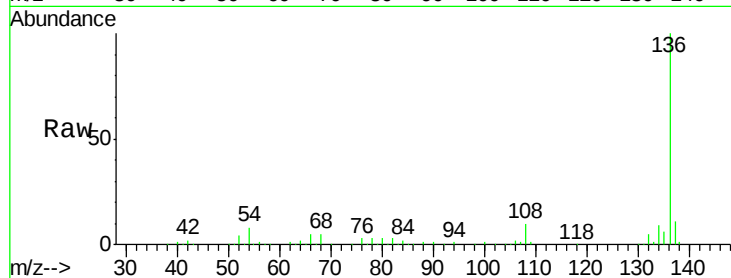




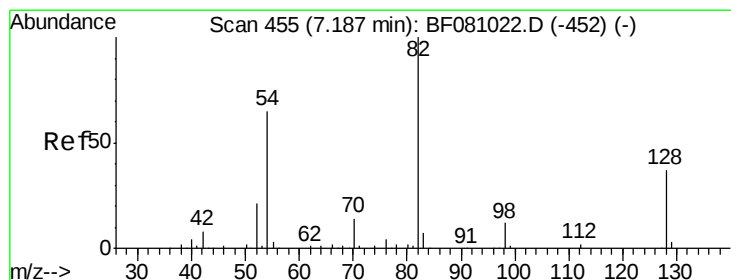
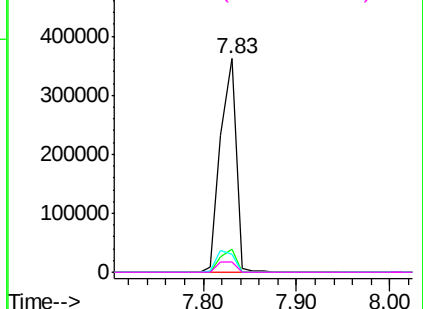
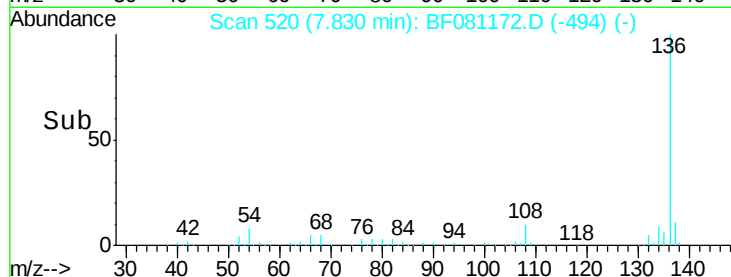
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.83 min Scan# 520
Delta R.T. -0.00 min
Lab File: BF081172.D
Acq: 24 Aug 2015 16:53

Instrument :
BNA_F
ClientSampleId :
PB85134TB

Tgt Ion:	136	Resp:	420374
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.2	12.2
54	8.2	7.7	11.5
68	4.6	3.4	5.2

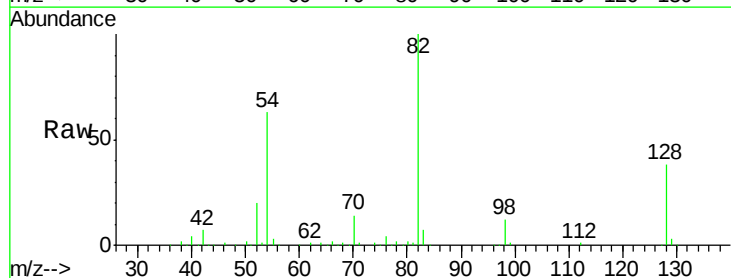


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

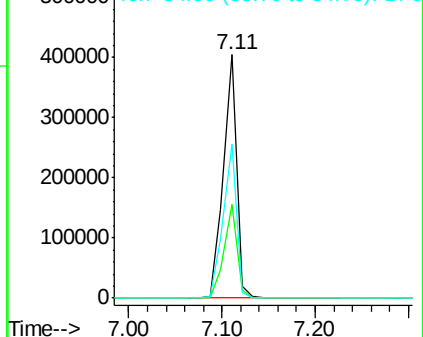
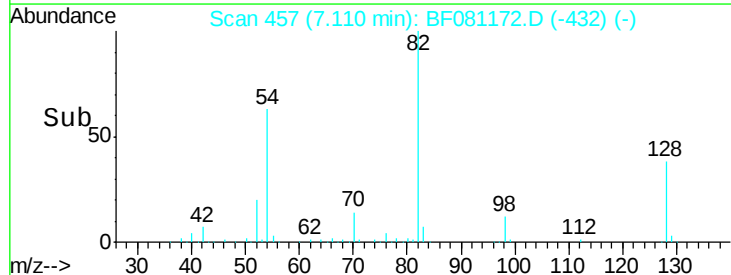


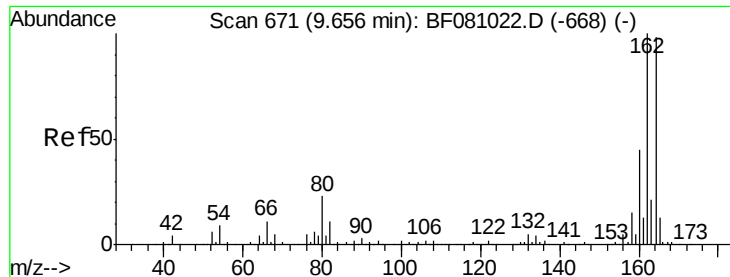
#23
Nitrobenzene-d5
Concen: 43.36 ng
RT: 7.11 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF081172.D
Acq: 24 Aug 2015 16:53

Tgt Ion:	82	Resp:	398978
Ion	Ratio	Lower	Upper
82	100		
128	38.4	28.6	42.8
54	63.3	55.1	82.7



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

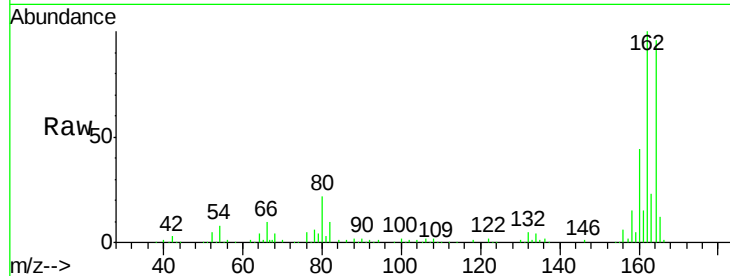




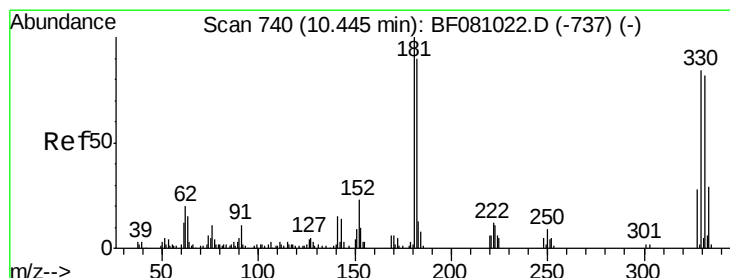
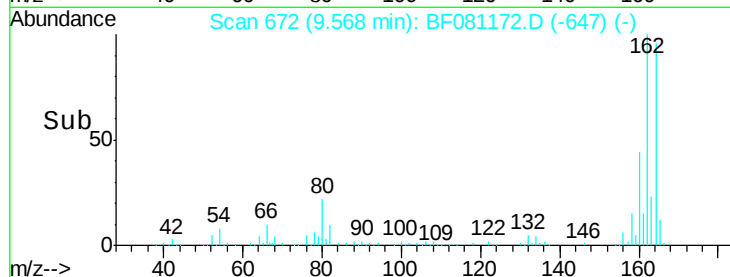
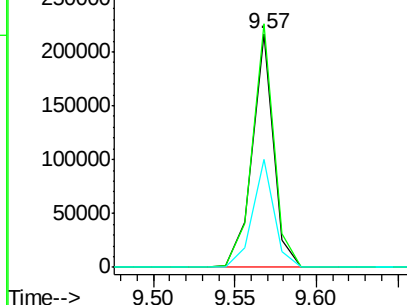
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.57 min Scan# 672
 Delta R.T. -0.01 min
 Lab File: BF081172.D
 Acq: 24 Aug 2015 16:53

Instrument :
 BNA_F
 ClientSampleId :
 PB85134TB

Tgt Ion:164 Resp: 196281
 Ion Ratio Lower Upper
 164 100
 162 104.1 83.8 125.8
 160 46.2 39.8 59.8

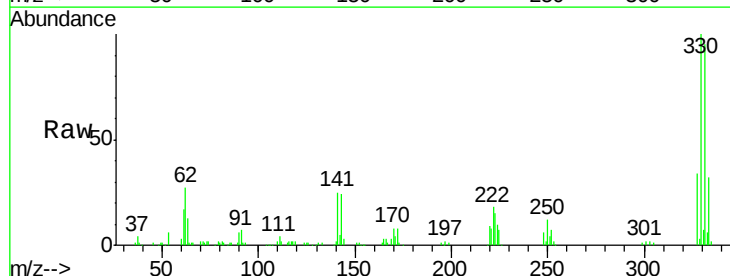


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

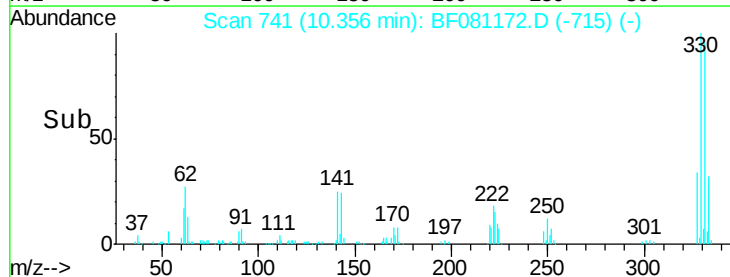
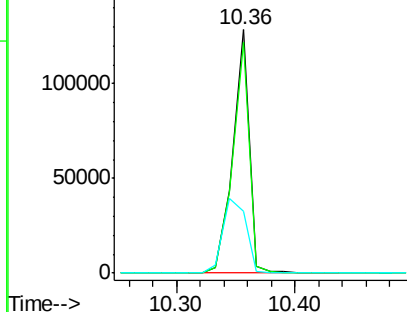


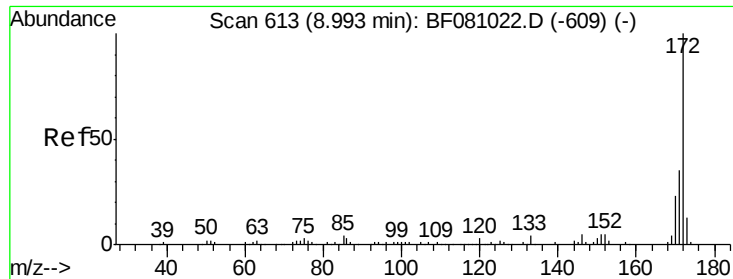
#41
 2,4,6-Tribromophenol
 Concen: 73.09 ng
 RT: 10.36 min Scan# 741
 Delta R.T. -0.00 min
 Lab File: BF081172.D
 Acq: 24 Aug 2015 16:53

Tgt Ion:330 Resp: 124352
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.3 115.9
 141 42.7 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

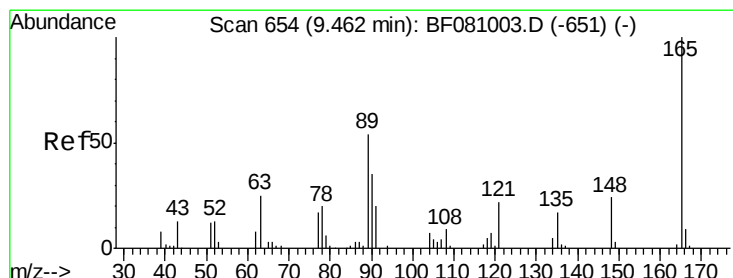
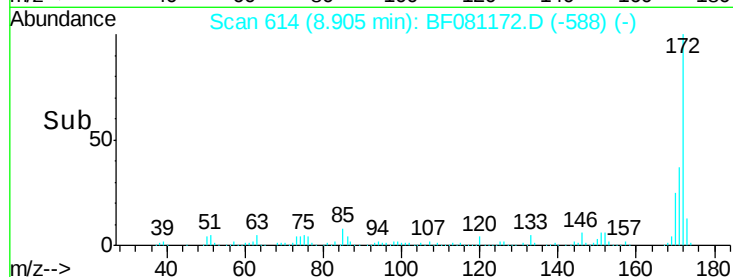
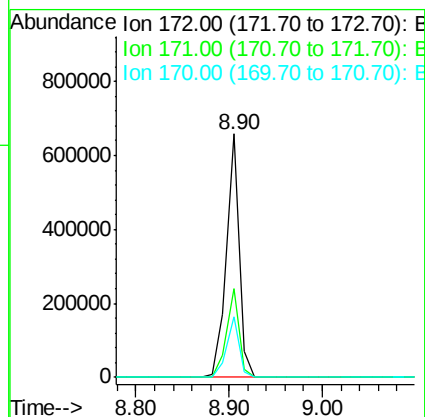
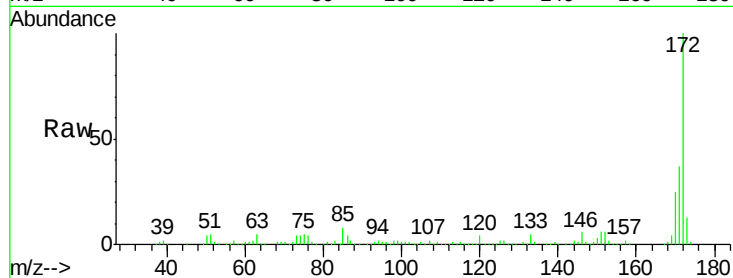




#44
 2-Fluorobiphenyl
 Concen: 41.86 ng
 RT: 8.90 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: BF081172.D
 Acq: 24 Aug 2015 16:53

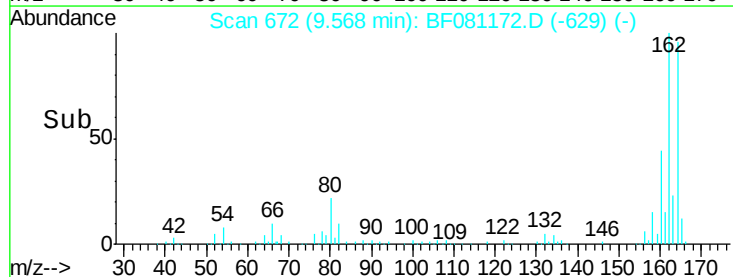
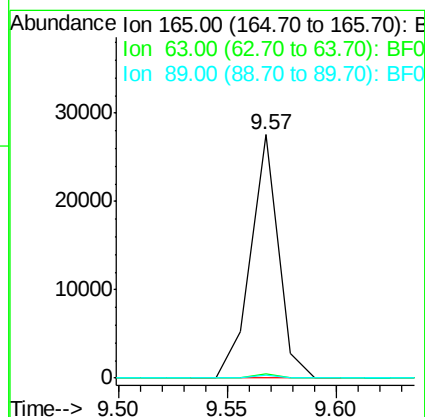
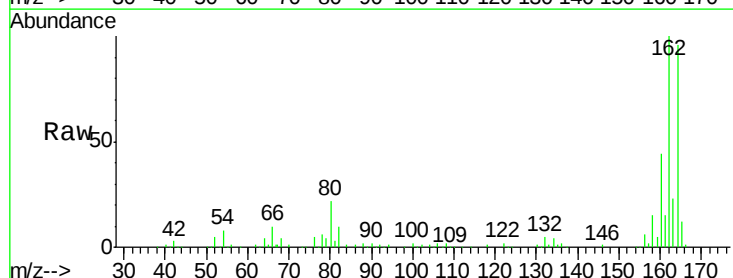
Instrument :
 BNA_F
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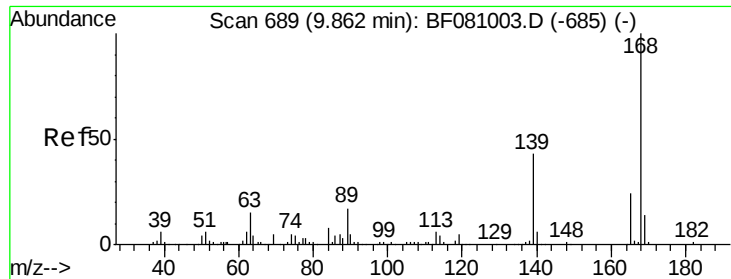
Tgt Ion:172 Resp: 627066
 Ion Ratio Lower Upper
 172 100
 171 36.6 28.9 43.3
 170 24.6 19.4 29.2



#50
 2,6-Dinitrotoluene
 Concen: 7.05 ng
 RT: 9.57 min Scan# 672
 Delta R.T. 0.19 min
 Lab File: BF081172.D
 Acq: 24 Aug 2015 16:53

Tgt Ion:165 Resp: 24479
 Ion Ratio Lower Upper
 165 100
 63 1.8 49.5 74.3#
 89 1.3 47.6 71.4#

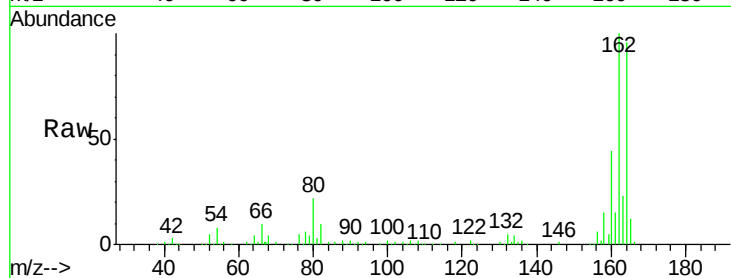




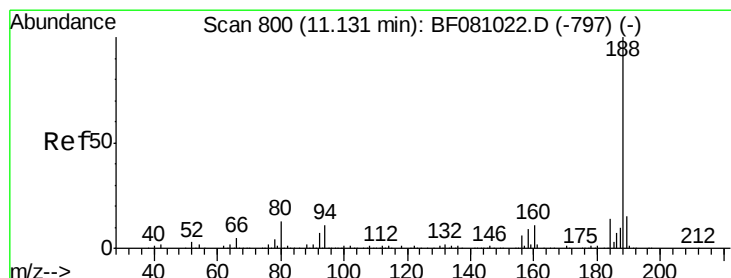
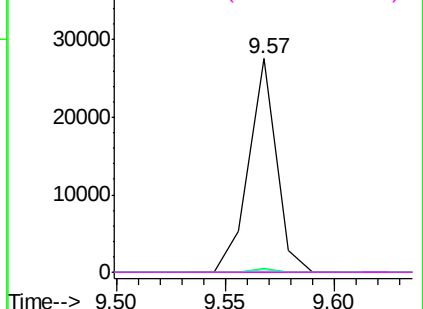
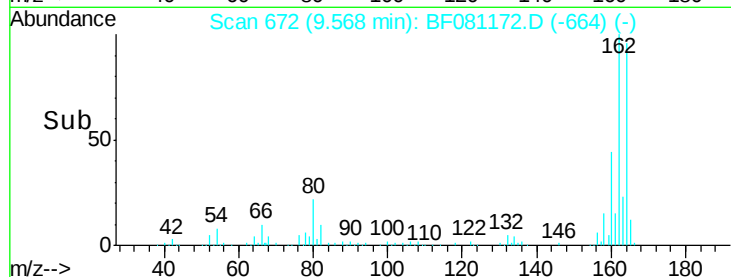
#56
 2,4-Dinitrotoluene
 Concen: 5.32 ng
 RT: 9.57 min Scan# 672
 Delta R.T. -0.21 min
 Lab File: BF081172.D
 Acq: 24 Aug 2015 16:53

Instrument :
 BNA_F
 ClientSampleId :
 PB85134TB

Tgt Ion:165 Resp: 24479
 Ion Ratio Lower Upper
 165 100
 63 1.8 52.2 78.4#
 89 1.3 60.1 90.1#
 182 0.0 1.8 2.6#

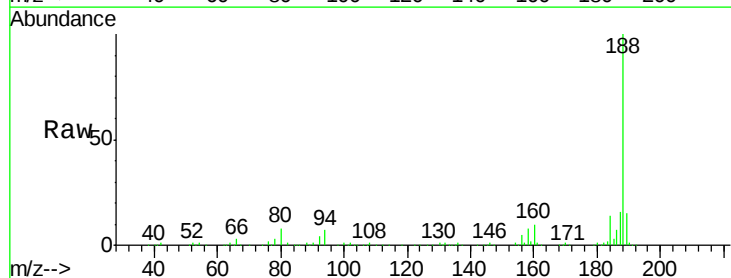


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

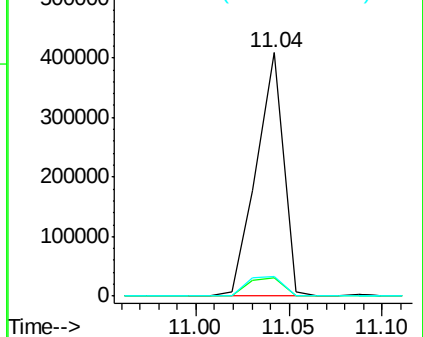
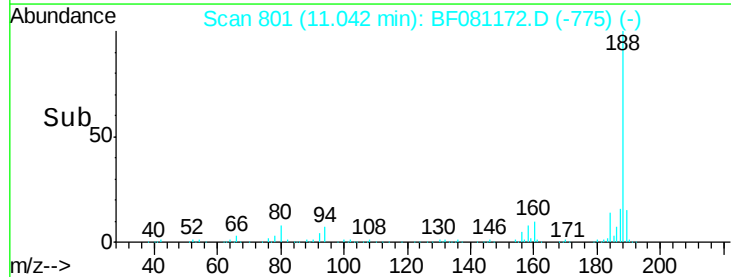


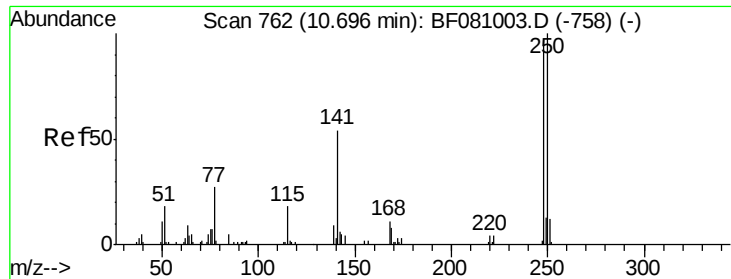
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.04 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: BF081172.D
 Acq: 24 Aug 2015 16:53

Tgt Ion:188 Resp: 414070
 Ion Ratio Lower Upper
 188 100
 94 7.5 8.2 12.2#
 80 7.8 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





#66

4-Bromophenyl-phenylether

Concen: 2.22 ng

RT: 10.36 min Scan# 741

Delta R.T. -0.24 min

Lab File: BF081172.D

Acq: 24 Aug 2015 16:53

Instrument :

BNA_F

ClientSampleId :

PB85134TB

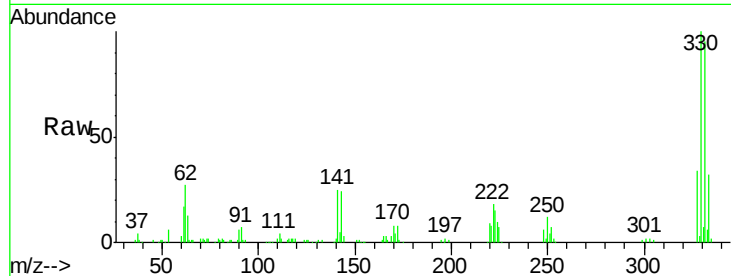
Tgt Ion:248 Resp: 9033

Ion Ratio Lower Upper

248 100

250 195.3 77.8 116.6#

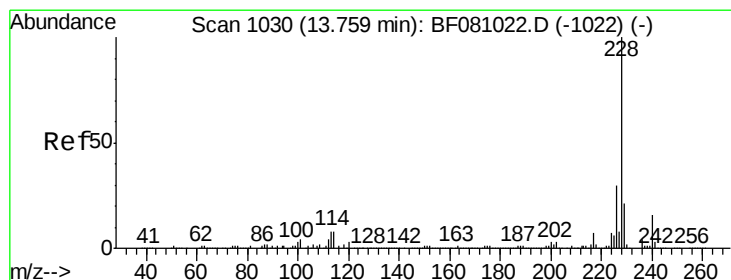
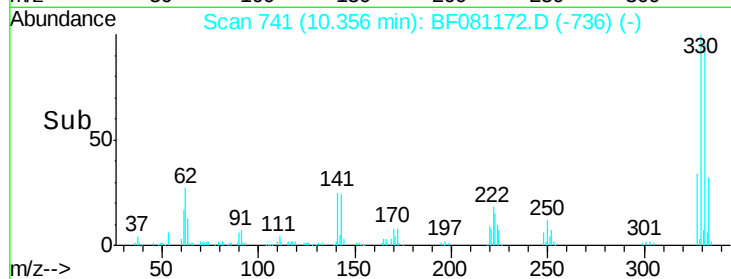
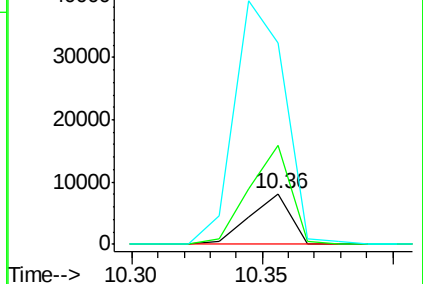
141 395.7 39.8 59.6#



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: 13.65 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF081172.D

Acq: 24 Aug 2015 16:53

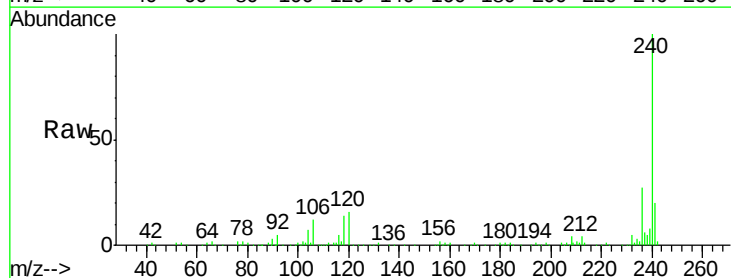
Tgt Ion:240 Resp: 341982

Ion Ratio Lower Upper

240 100

120 16.1 5.6 8.4#

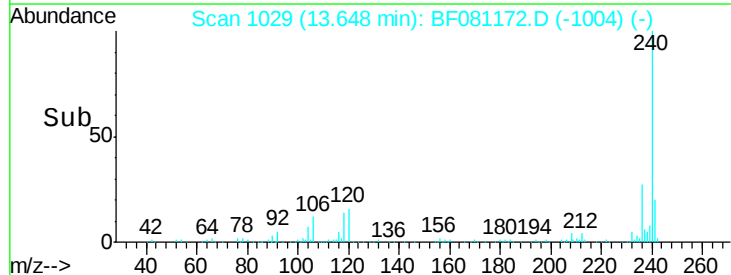
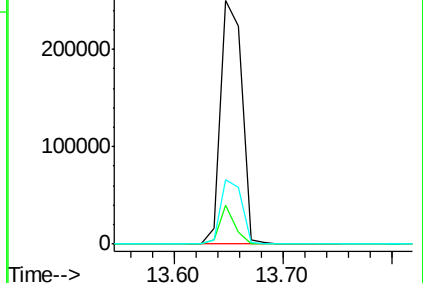
236 26.6 20.6 30.8

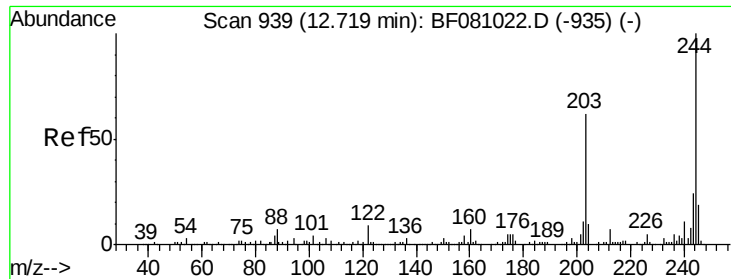


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

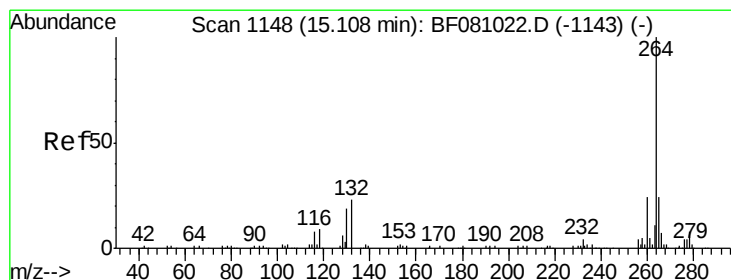
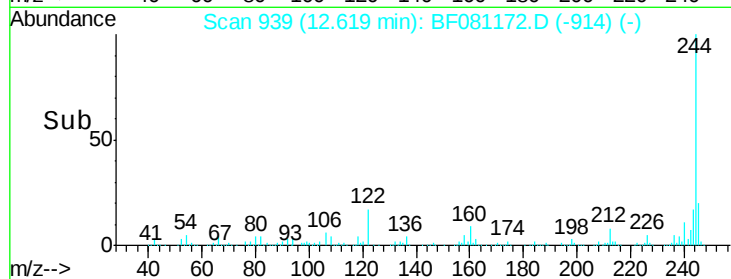
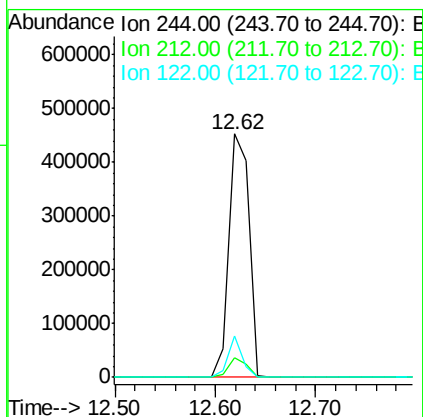
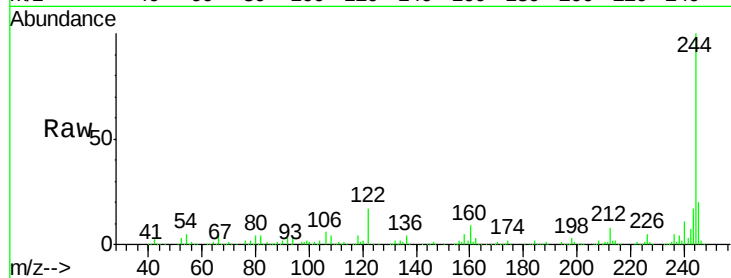




#78
 Terphenyl-d14
 Concen: 39.38 ng
 RT: 12.62 min Scan# 939
 Delta R.T. -0.01 min
 Lab File: BF081172.D
 Acq: 24 Aug 2015 16:53

Instrument :
 BNA_F
 ClientSampleId :
 PB85134TB

Tgt Ion: 244 Resp: 628137
 Ion Ratio Lower Upper
 244 100
 212 8.2 5.8 8.8
 122 16.9 8.2 12.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.99 min Scan# 1146
 Delta R.T. -0.00 min
 Lab File: BF081172.D
 Acq: 24 Aug 2015 16:53

Tgt Ion: 264 Resp: 247144
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.6 29.4
 265 21.2 17.5 26.3

