

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031815\
 Data File : BF077813.D
 Acq On : 19 Mar 2015 1:25
 Operator : TP/IZ
 Sample : PB82167BL
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82167BL

Quant Time: Mar 19 03:40:07 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

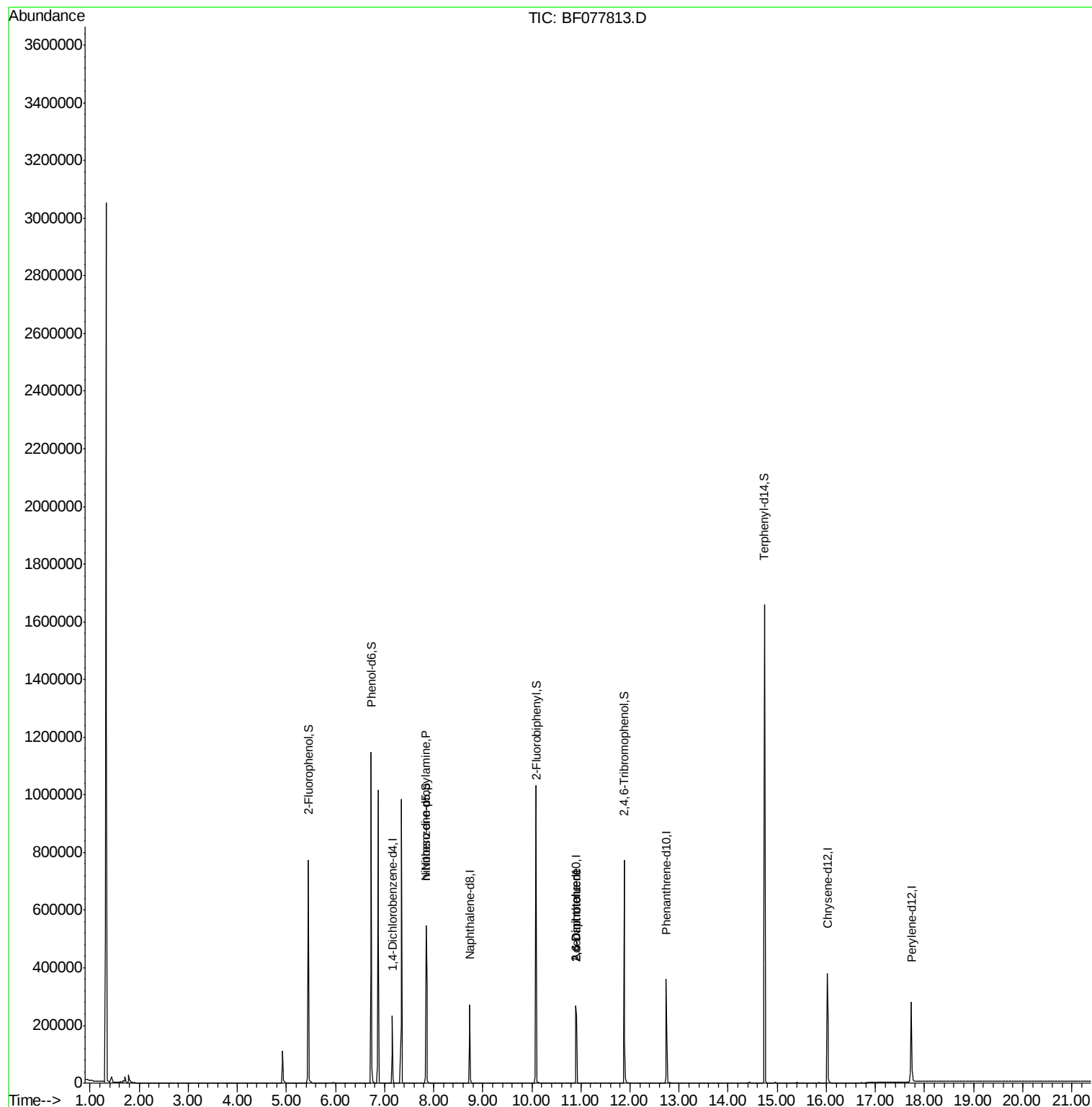
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.16	152	42744	20.00	ng	0.00
21) Naphthalene-d8	8.74	136	165759	20.00	ng	0.00
38) Acenaphthene-d10	10.90	164	79471	20.00	ng	-0.01
63) Phenanthrene-d10	12.74	188	158098	20.00	ng	0.00
75) Chrysene-d12	16.02	240	171114	20.00	ng	-0.01
86) Perylene-d12	17.73	264	168334	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	331666	135.44	ng	0.01
7) Phenol-d6	6.73	99	427626	141.34	ng	0.00
23) Nitrobenzene-d5	7.85	82	222643	88.05	ng	-0.01
41) 2,4,6-Tribromophenol	11.88	330	91468	120.30	ng	0.00
44) 2-Fluorobiphenyl	10.09	172	494041	91.36	ng	0.00
78) Terphenyl-d14	14.74	244	586331	83.70	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.85	70	27586	13.18	ng	# 82
50) 2,6-Dinitrotoluene	10.90	165	9784	8.01	ng	# 24
56) 2,4-Dinitrotoluene	10.90	165	9780	6.14	ng	# 11

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

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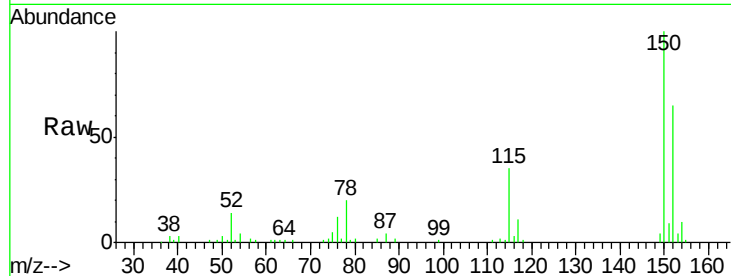




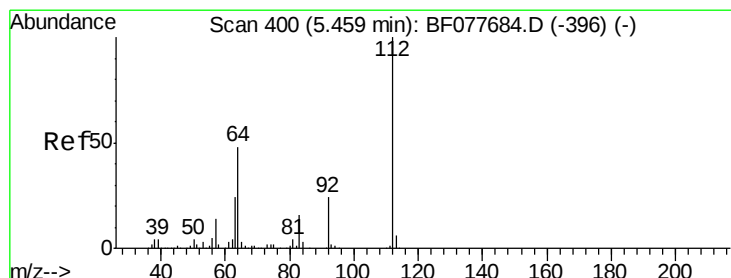
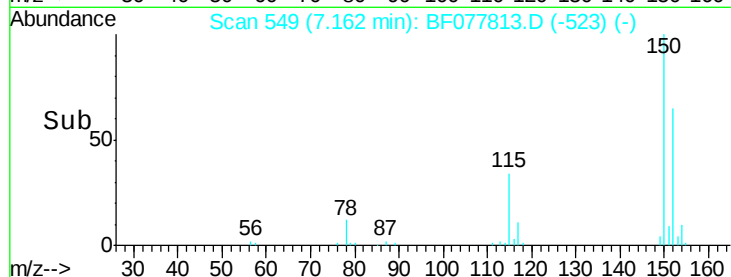
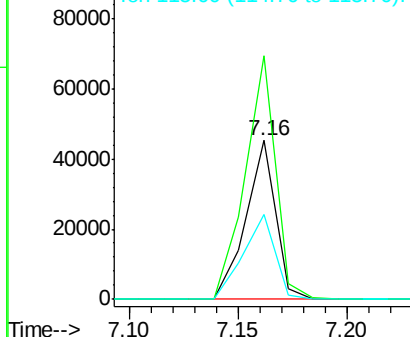
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.16 min Scan# 549
 Delta R.T. 0.00 min
 Lab File: BF077813.D
 Acq: 19 Mar 2015 1:25

Instrument :
 BNA_F
 ClientSampleId :
 PB82167BL

Tgt Ion:152 Resp: 42744
 Ion Ratio Lower Upper
 152 100
 150 153.4 119.5 179.3
 115 53.1 43.0 64.4

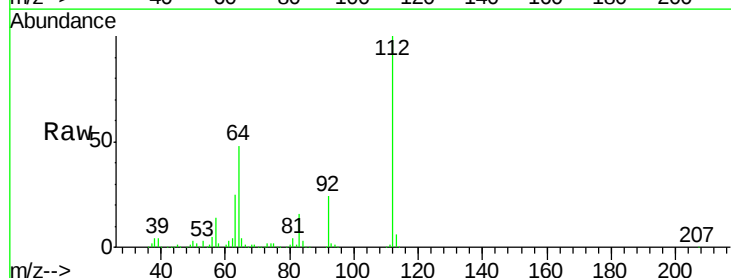


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

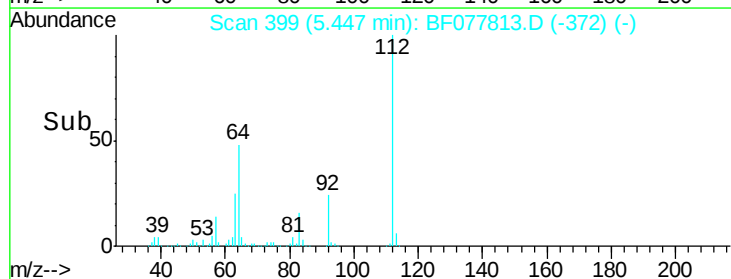
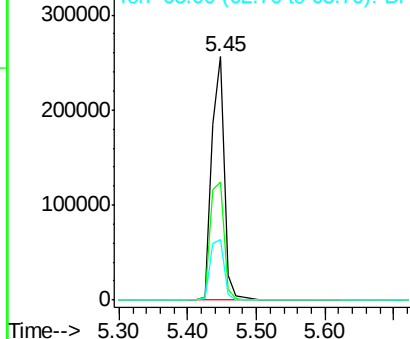


#5
 2-Fluorophenol
 Concen: 135.44 ng
 RT: 5.45 min Scan# 399
 Delta R.T. 0.01 min
 Lab File: BF077813.D
 Acq: 19 Mar 2015 1:25

Tgt Ion:112 Resp: 331666
 Ion Ratio Lower Upper
 112 100
 64 48.4 38.6 57.8
 63 24.8 19.3 28.9



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: 141.34 ng

RT: 6.73 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF077813.D

Acq: 19 Mar 2015 1:25

Instrument :

BNA_F

ClientSampleId :

PB82167BL

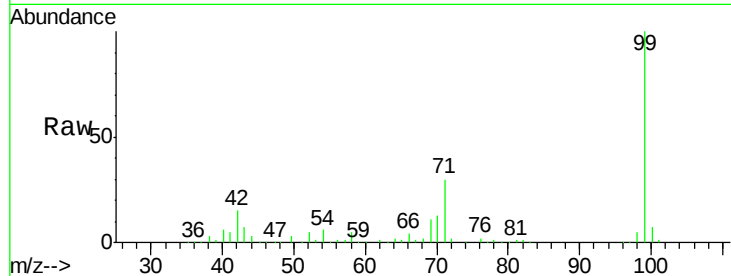
Tgt Ion: 99 Resp: 427626

Ion Ratio Lower Upper

99 100

42 14.9 11.0 16.4

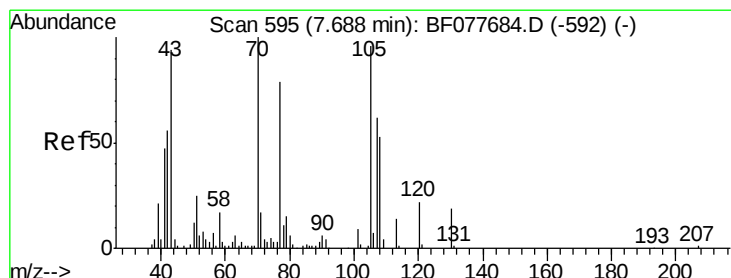
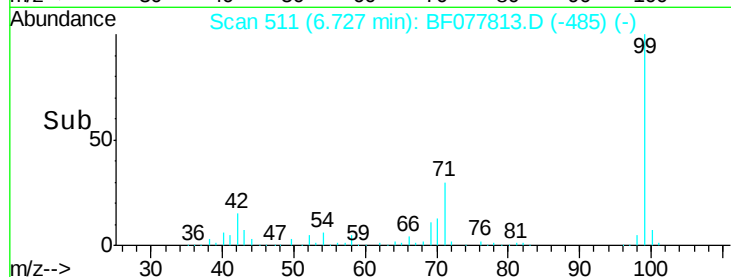
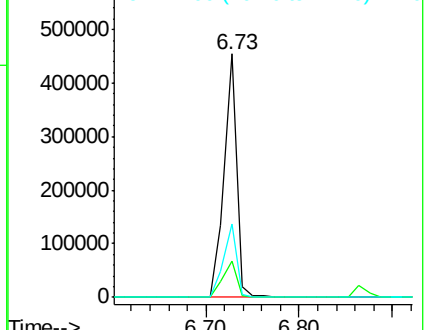
71 30.3 23.4 35.2



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.18 ng

RT: 7.85 min Scan# 609

Delta R.T. 0.17 min

Lab File: BF077813.D

Acq: 19 Mar 2015 1:25

Tgt Ion: 70 Resp: 27586

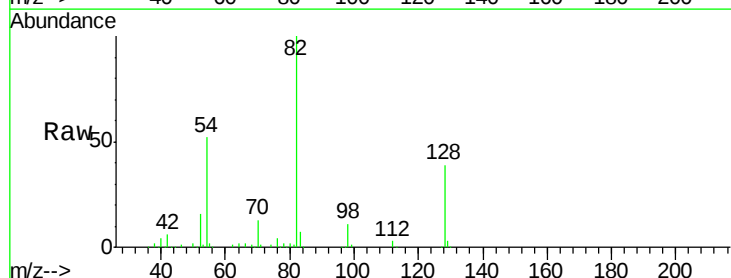
Ion Ratio Lower Upper

70 100

42 48.0 44.5 66.7

101 0.0 7.4 11.2#

130 2.4 15.3 22.9#

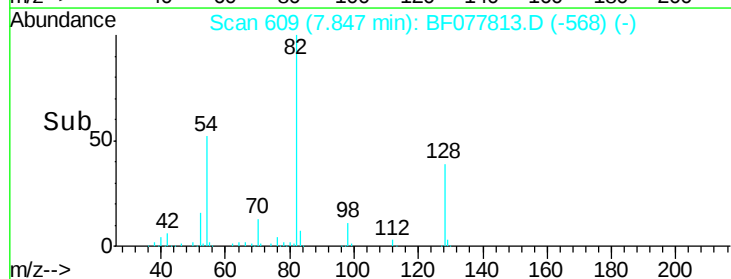
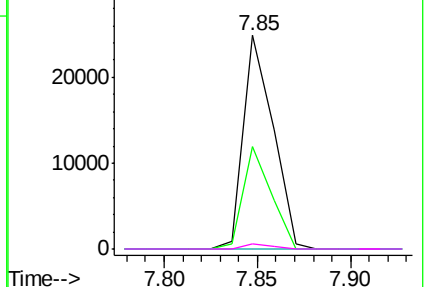


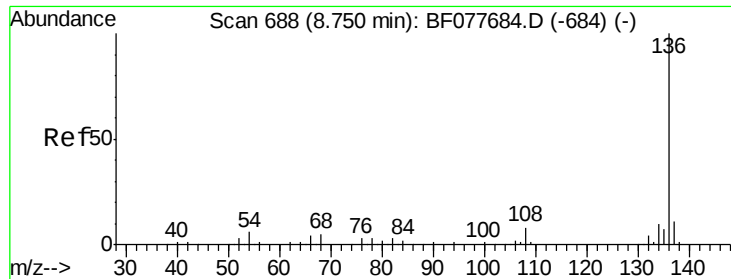
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

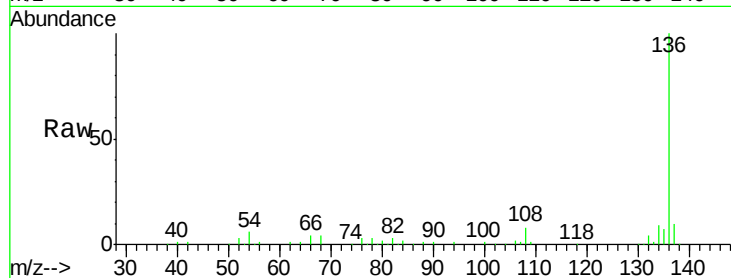




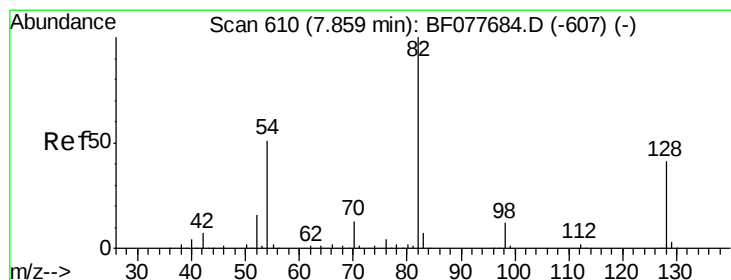
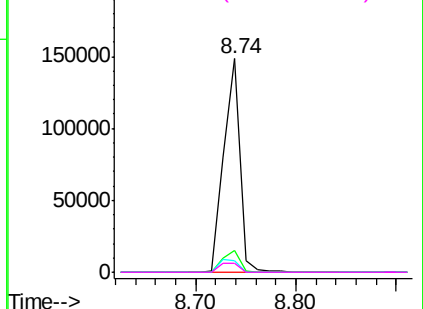
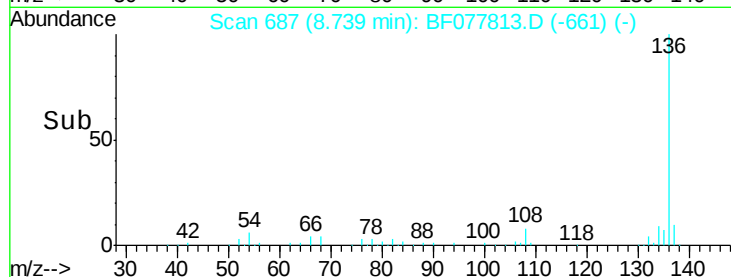
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.74 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF077813.D
Acq: 19 Mar 2015 1:25

Instrument :
BNA_F
ClientSampleId :
PB82167BL

Tgt Ion:	136	Resp:	165759
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.7	13.1
54	5.6	4.6	6.8
68	4.3	3.7	5.5

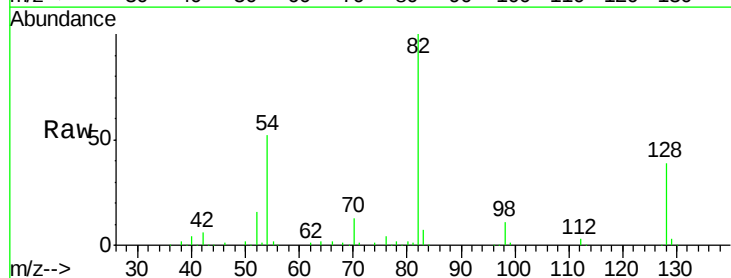


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

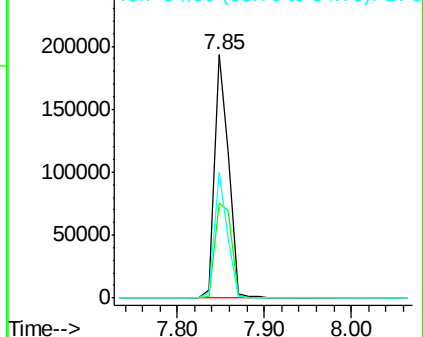
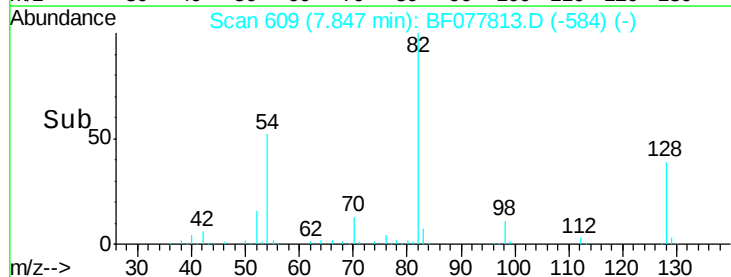


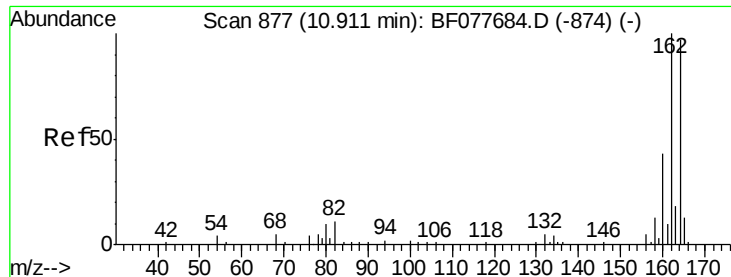
#23
Nitrobenzene-d5
Concen: 88.05 ng
RT: 7.85 min Scan# 609
Delta R.T. -0.01 min
Lab File: BF077813.D
Acq: 19 Mar 2015 1:25

Tgt Ion:	82	Resp:	222643
Ion	Ratio	Lower	Upper
82	100		
128	39.3	32.8	49.2
54	51.6	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

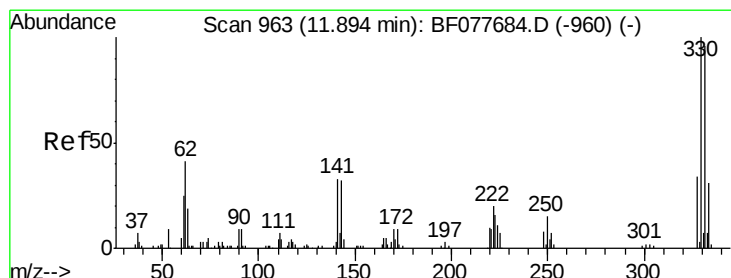
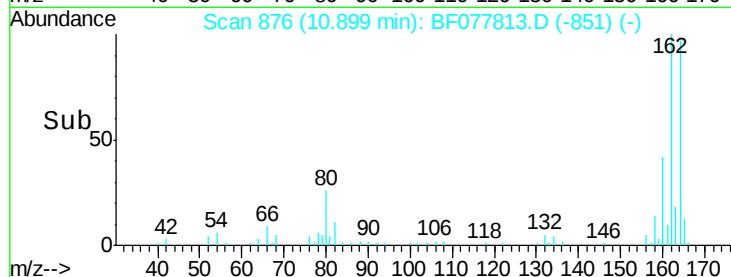
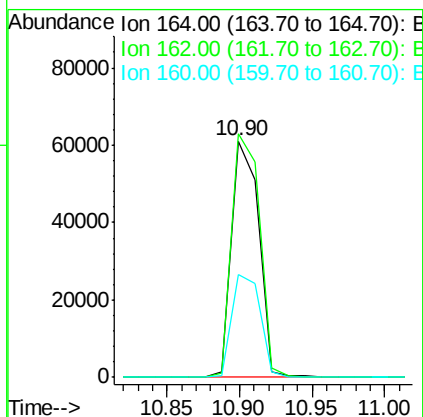
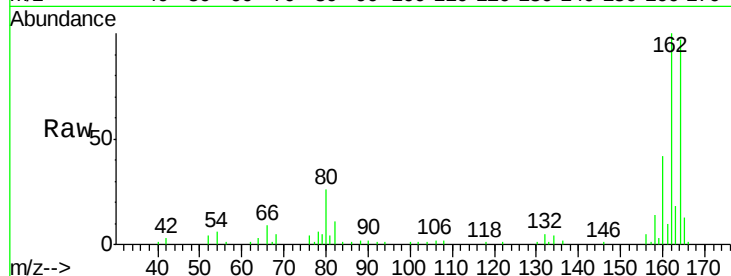




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.90 min Scan# 876
 Delta R.T. -0.01 min
 Lab File: BF077813.D
 Acq: 19 Mar 2015 1:25

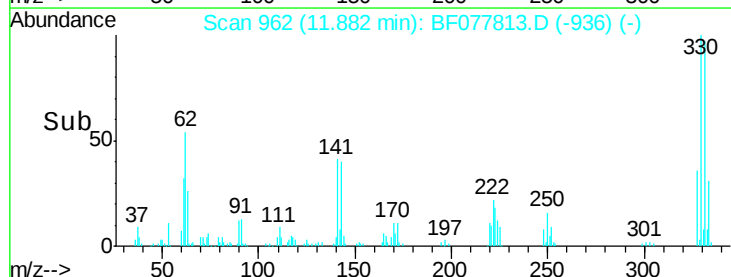
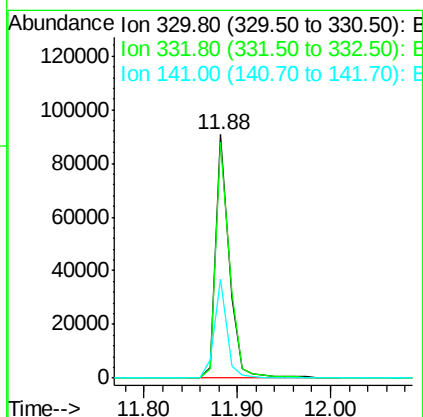
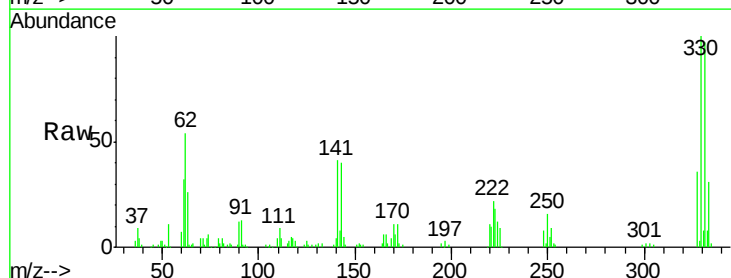
Instrument :
 BNA_F
 ClientSampled :
 PB82167BL

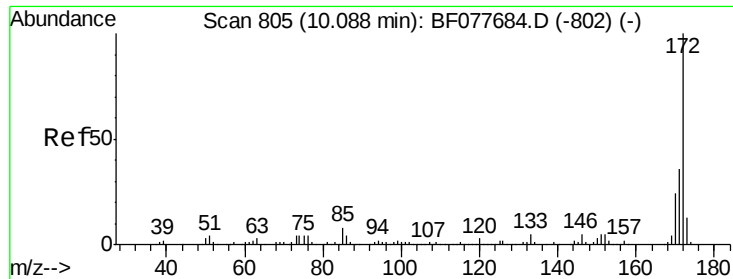
Tgt Ion:164 Resp: 79471
 Ion Ratio Lower Upper
 164 100
 162 103.2 82.4 123.6
 160 43.5 35.8 53.6



#41
 2,4,6-Tribromophenol
 Concen: 120.30 ng
 RT: 11.88 min Scan# 962
 Delta R.T. 0.00 min
 Lab File: BF077813.D
 Acq: 19 Mar 2015 1:25

Tgt Ion:330 Resp: 91468
 Ion Ratio Lower Upper
 330 100
 332 98.3 0.0 0.0#
 141 37.4 0.0 0.0#

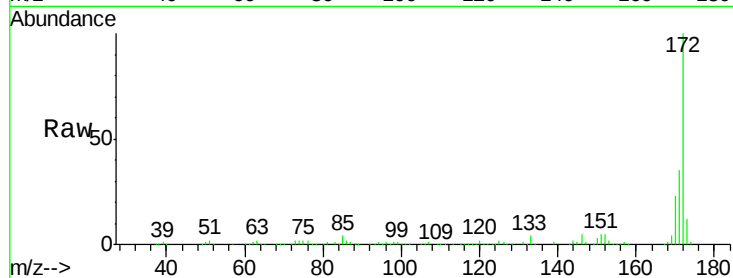




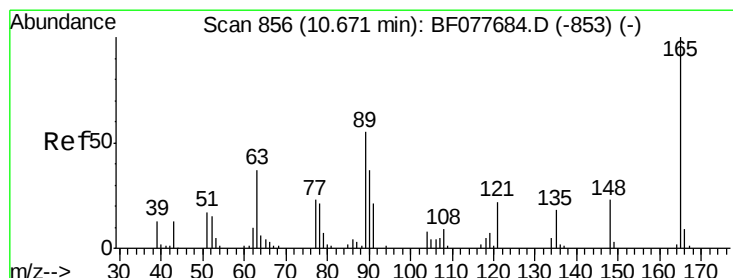
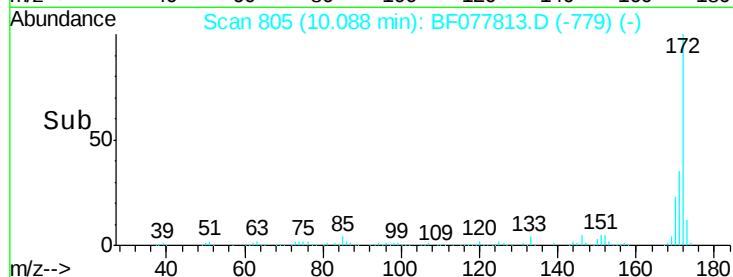
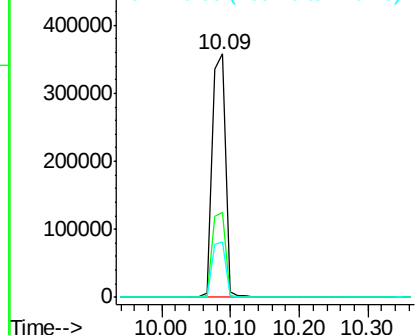
#44
 2-Fluorobiphenyl
 Concen: 91.36 ng
 RT: 10.09 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF077813.D
 Acq: 19 Mar 2015 1:25

Instrument :
 BNA_F
 ClientSampleId :
 PB82167BL

Tgt Ion:172 Resp: 494041
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.5 42.7
 170 22.8 18.8 28.2

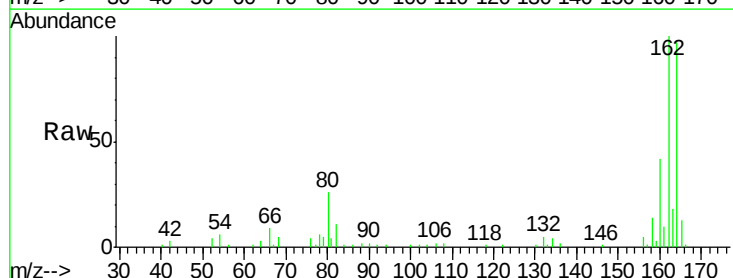


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

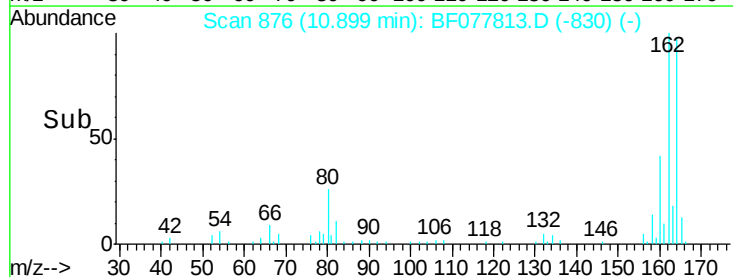
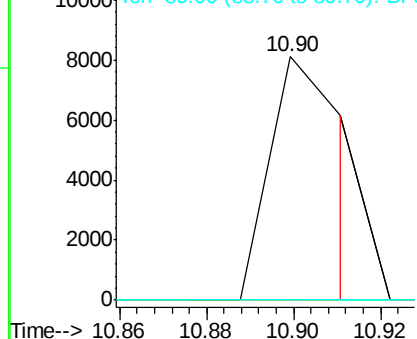


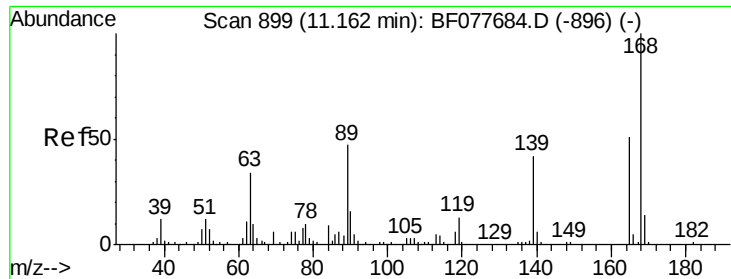
#50
 2,6-Dinitrotoluene
 Concen: 8.01 ng
 RT: 10.90 min Scan# 876
 Delta R.T. 0.23 min
 Lab File: BF077813.D
 Acq: 19 Mar 2015 1:25

Tgt Ion:165 Resp: 9784
 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

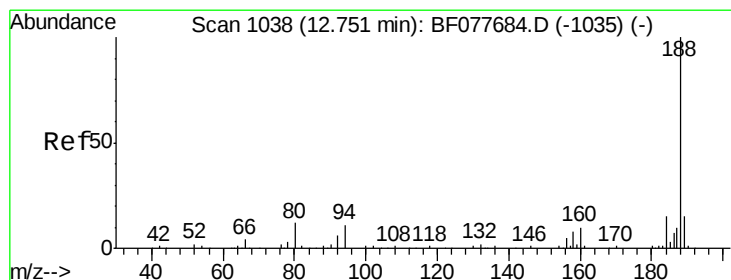
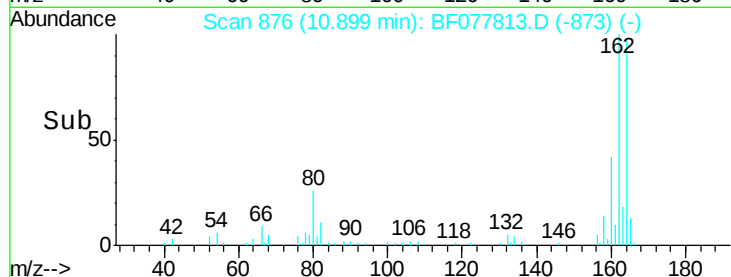
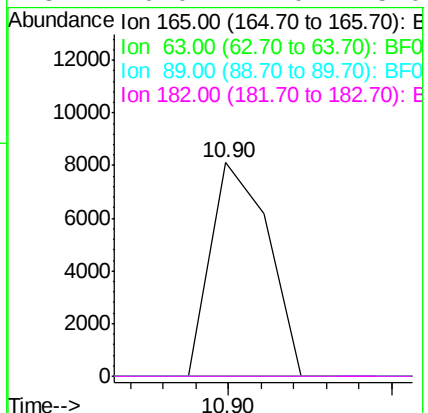
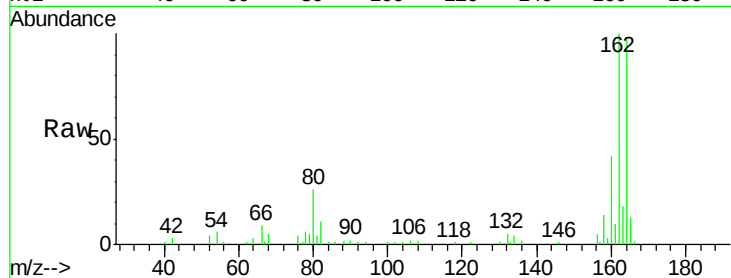




#56
 2,4-Dinitrotoluene
 Concen: 6.14 ng
 RT: 10.90 min Scan# 876
 Delta R.T. -0.26 min
 Lab File: BF077813.D
 Acq: 19 Mar 2015 1:25

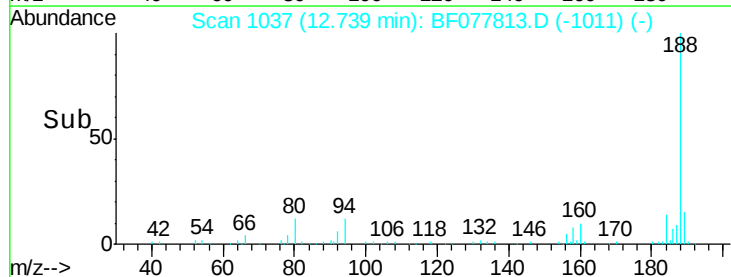
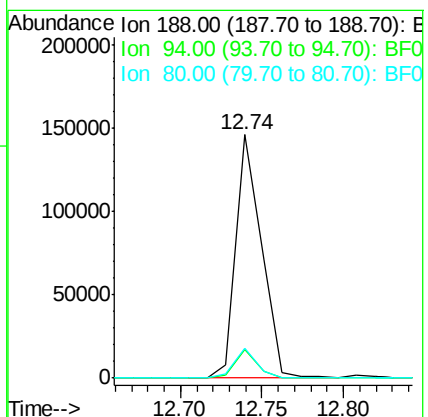
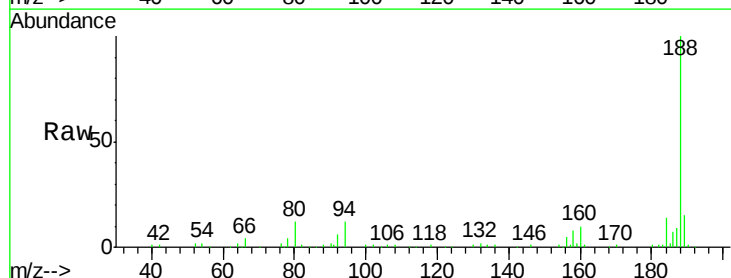
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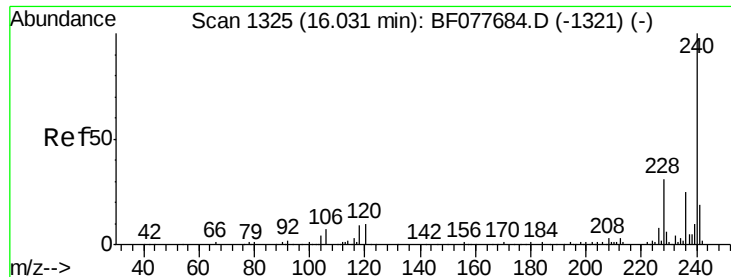
Tgt Ion:165 Resp: 9780
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.4 78.6#
 89 0.0 72.4 108.6#
 182 0.0 2.0 3.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.74 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: BF077813.D
 Acq: 19 Mar 2015 1:25

Tgt Ion:188 Resp: 158098
 Ion Ratio Lower Upper
 188 100
 94 11.8 8.7 13.1
 80 12.3 9.3 13.9

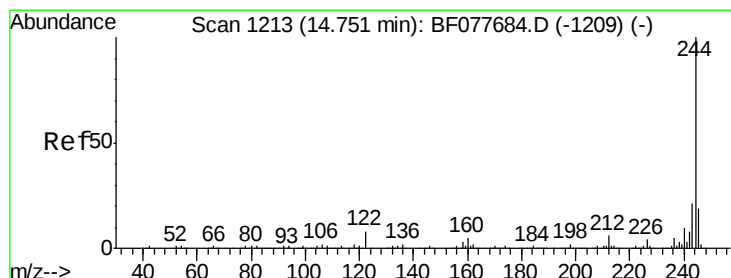
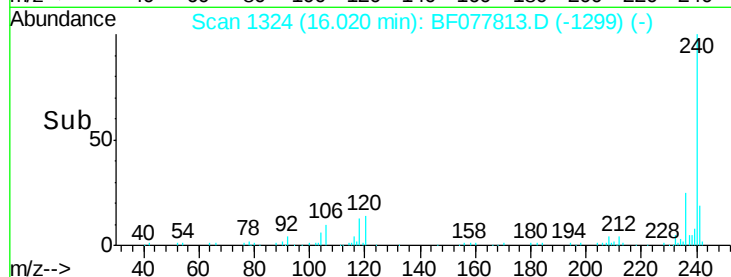
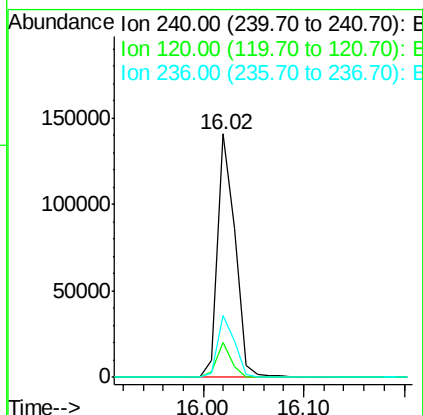
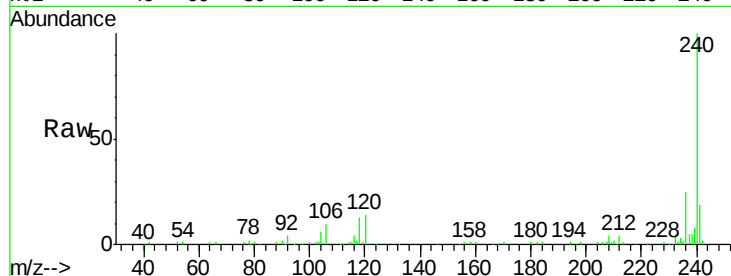




#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.02 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF077813.D
Acq: 19 Mar 2015 1:25

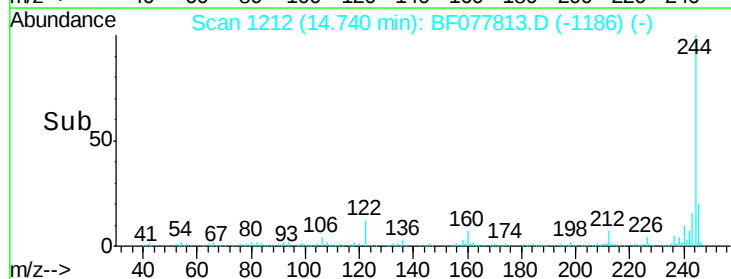
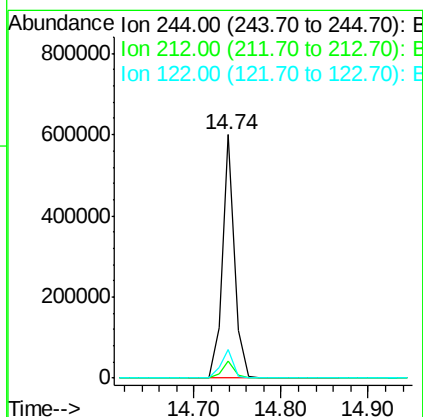
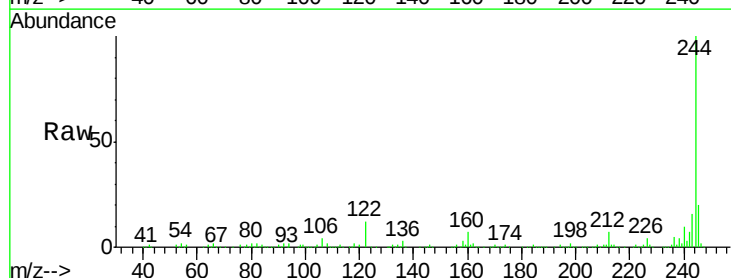
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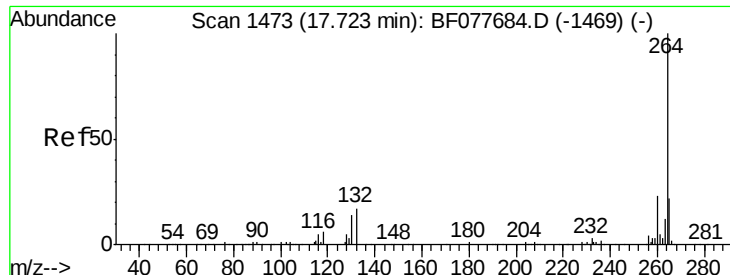
Tgt Ion:240 Resp: 171114
Ion Ratio Lower Upper
240 100
120 14.4 8.2 12.2#
236 25.4 20.0 30.0



#78
Terphenyl-d14
Concen: 83.70 ng
RT: 14.74 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BF077813.D
Acq: 19 Mar 2015 1:25

Tgt Ion:244 Resp: 586331
Ion Ratio Lower Upper
244 100
212 6.8 4.9 7.3
122 11.9 6.2 9.4#

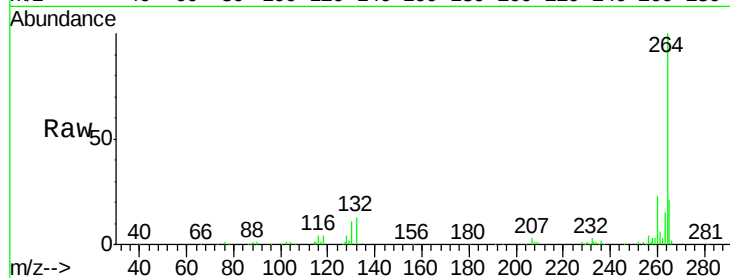




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.73 min Scan# 1474
Delta R.T. -0.01 min
Lab File: BF077813.D
Acq: 19 Mar 2015 1:25

Instrument :
BNA_F
ClientSampleId :
PB82167BL

Tgt Ion: 264 Resp: 168334
Ion Ratio Lower Upper
264 100
260 23.3 18.6 27.8
265 20.9 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

