

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032615\
 Data File : BF078016.D
 Acq On : 27 Mar 2015 2:38
 Operator : TP/IZ
 Sample : G1653-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUMP1

Quant Time: Mar 27 05:56:11 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 27 05:57:29 2015
 Response via : Initial Calibration

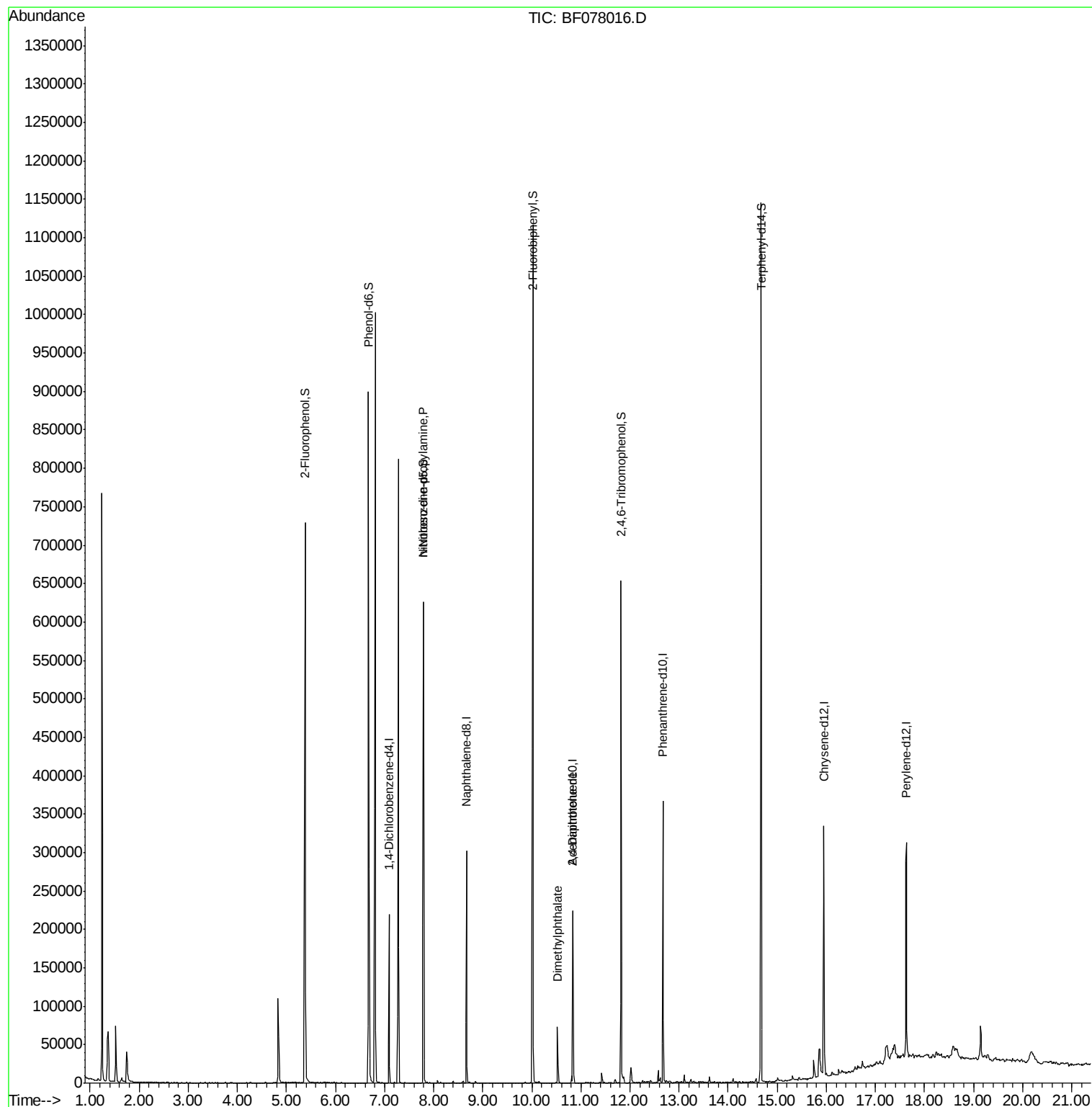
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.09	152	35271	20.00	ng	0.00
21) Naphthalene-d8	8.67	136	145702	20.00	ng	0.00
38) Acenaphthene-d10	10.83	164	70387	20.00	ng	-0.01
63) Phenanthrene-d10	12.67	188	144201	20.00	ng	0.00
75) Chrysene-d12	15.95	240	155761	20.00	ng	0.00
86) Perylene-d12	17.63	264	152198	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	270533	133.88	ng	0.01
7) Phenol-d6	6.67	99	343159	137.45	ng	0.00
23) Nitrobenzene-d5	7.79	82	212164	95.45	ng	0.00
41) 2,4,6-Tribromophenol	11.81	330	78768	116.96	ng	-0.01
44) 2-Fluorobiphenyl	10.02	172	394538	82.38	ng	0.00
78) Terphenyl-d14	14.67	244	464400	72.83	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.79	70	27061	15.67	ng	# 76
49) Dimethylphthalate	10.52	163	35405	6.78	ng	99
56) 2,4-Dinitrotoluene	10.83	165	8704	6.17	ng	# 11

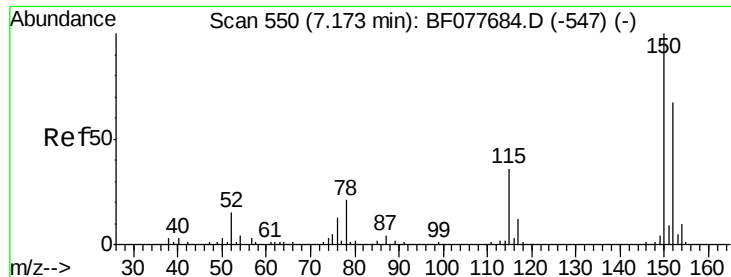
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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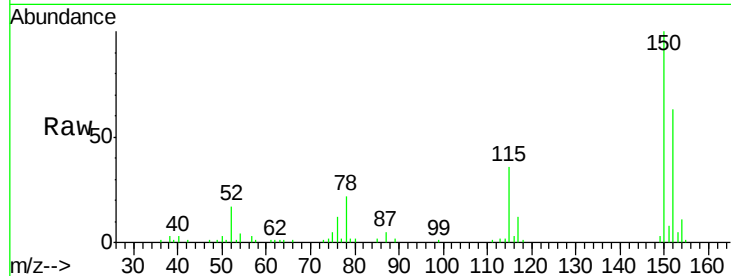




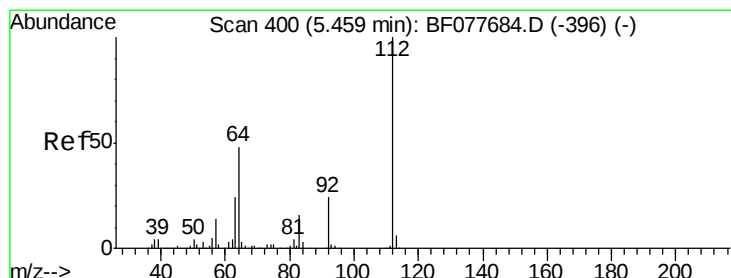
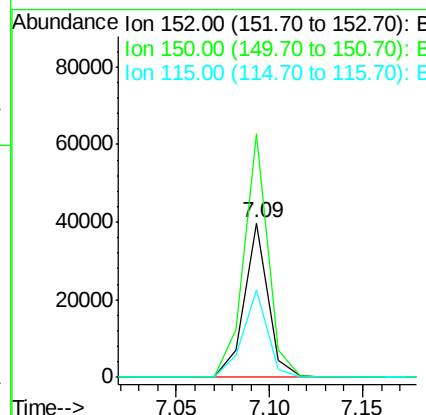
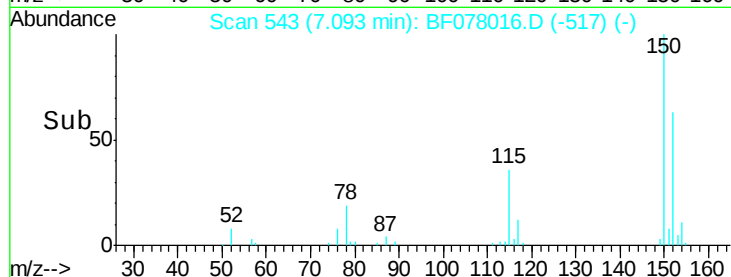
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.09 min Scan# 543
 Delta R.T. -0.00 min
 Lab File: BF078016.D
 Acq: 27 Mar 2015 2:38

Instrument :
 BNA_F
 ClientSampleId :
 SUMP1

Tgt Ion:152 Resp: 35271
 Ion Ratio Lower Upper
 152 100
 150 157.7 119.5 179.3
 115 56.7 43.0 64.4

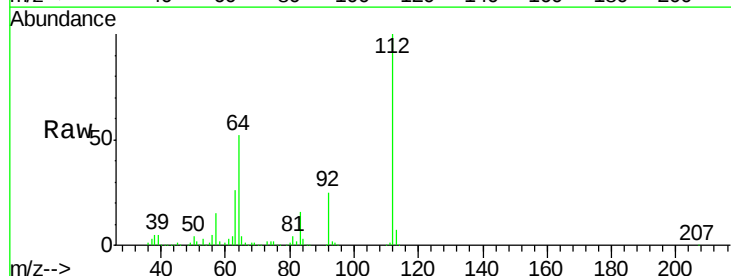


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

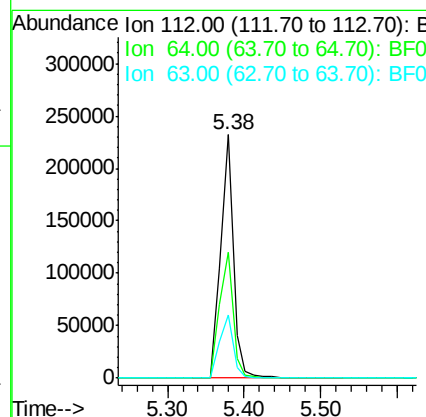
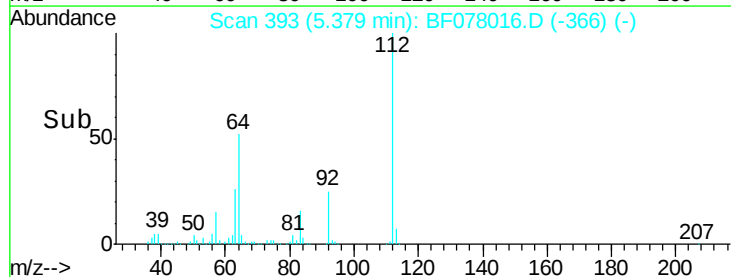


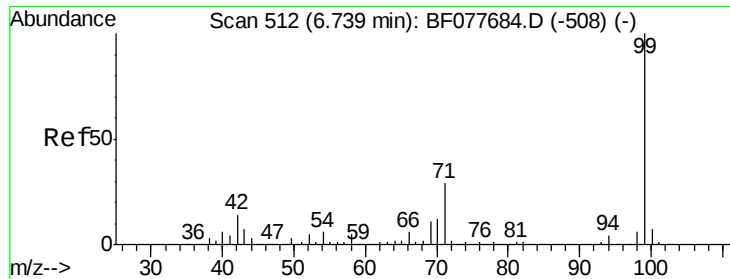
#5
 2-Fluorophenol
 Concen: 133.88 ng
 RT: 5.38 min Scan# 393
 Delta R.T. 0.01 min
 Lab File: BF078016.D
 Acq: 27 Mar 2015 2:38

Tgt Ion:112 Resp: 270533
 Ion Ratio Lower Upper
 112 100
 64 51.9 38.6 57.8
 63 26.1 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: 137.45 ng

RT: 6.67 min Scan# 506

Delta R.T. -0.00 min

Lab File: BF078016.D

Acq: 27 Mar 2015 2:38

Instrument :

BNA_F

ClientSampleId :

SUMP1

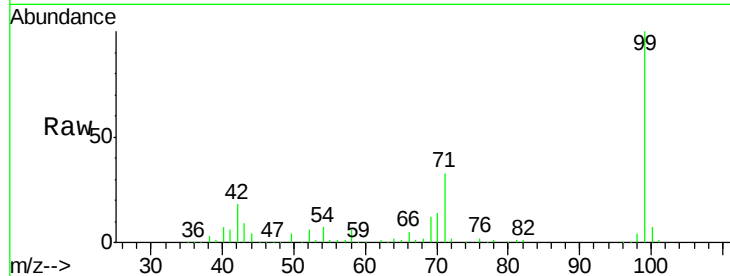
Tgt Ion: 99 Resp: 343159

Ion Ratio Lower Upper

99 100

42 18.0 11.0 16.4#

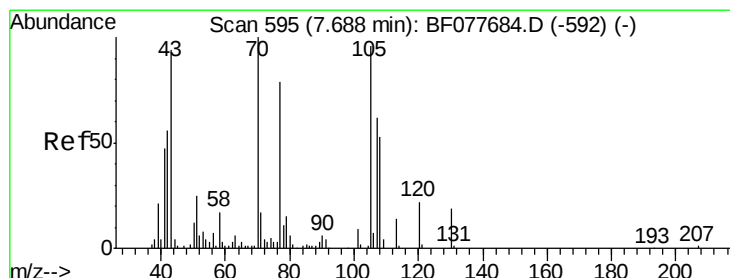
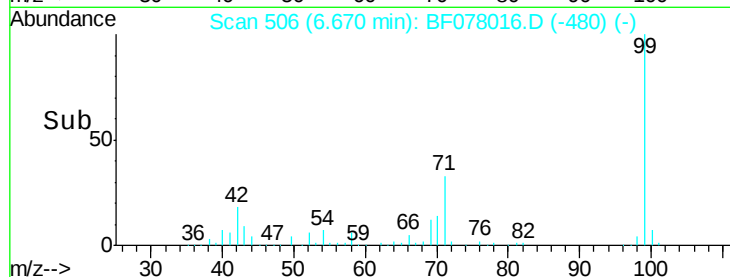
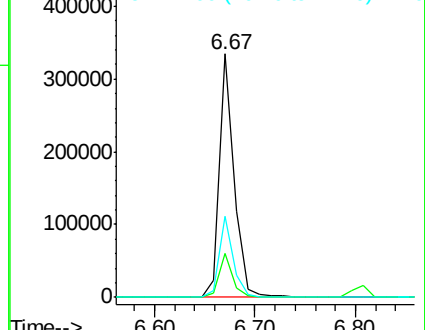
71 33.1 23.4 35.2



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: 15.67 ng

RT: 7.79 min Scan# 604

Delta R.T. 0.17 min

Lab File: BF078016.D

Acq: 27 Mar 2015 2:38

Tgt Ion: 70 Resp: 27061

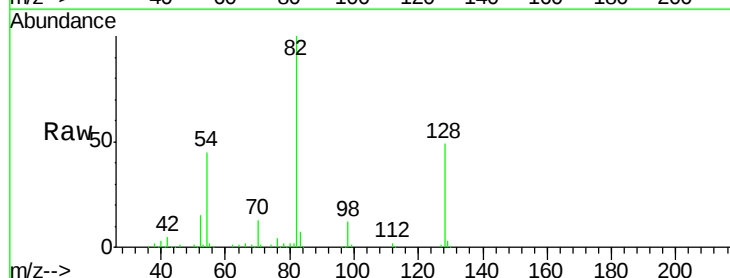
Ion Ratio Lower Upper

70 100

42 41.2 44.5 66.7#

101 0.0 7.4 11.2#

130 2.1 15.3 22.9#

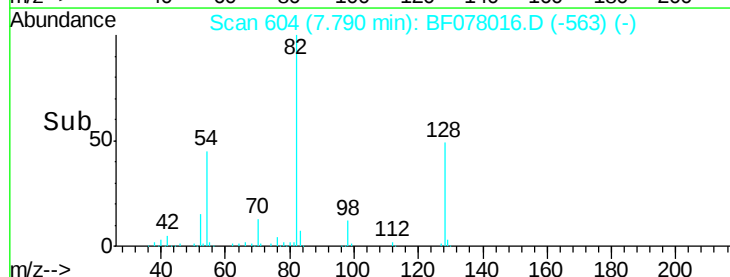
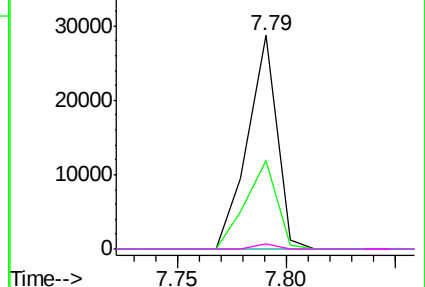


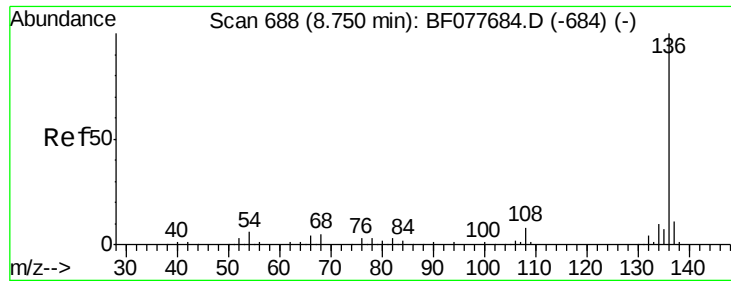
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

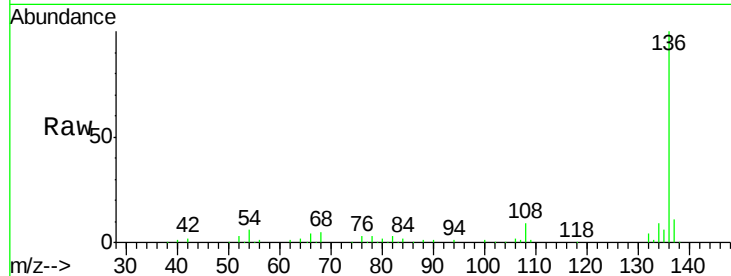




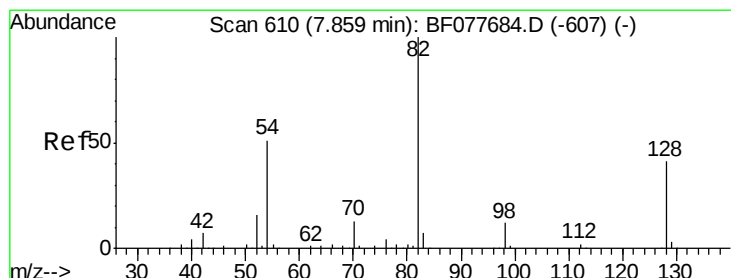
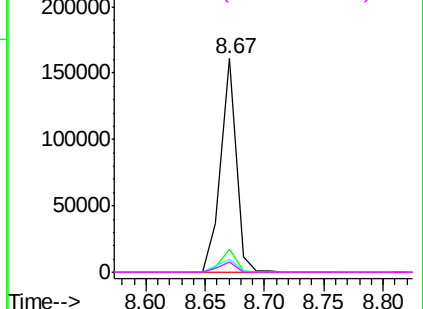
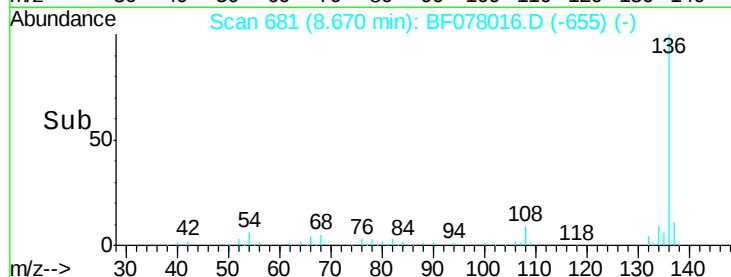
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.67 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF078016.D
Acq: 27 Mar 2015 2:38

Instrument :
BNA_F
ClientSampled :
SUMP1

Tgt Ion:	136	Resp:	145702
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	6.3	4.6	6.8
68	5.0	3.7	5.5

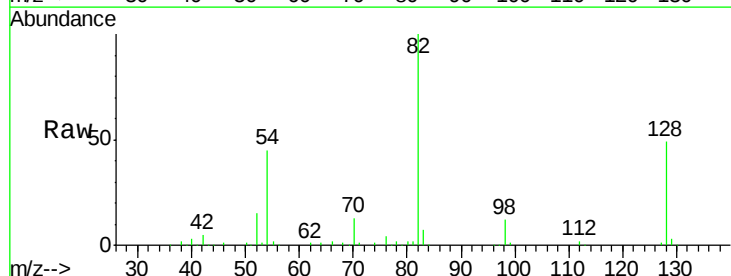


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

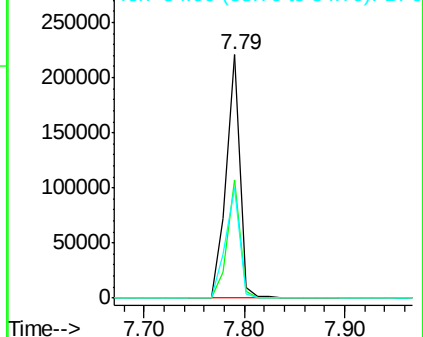
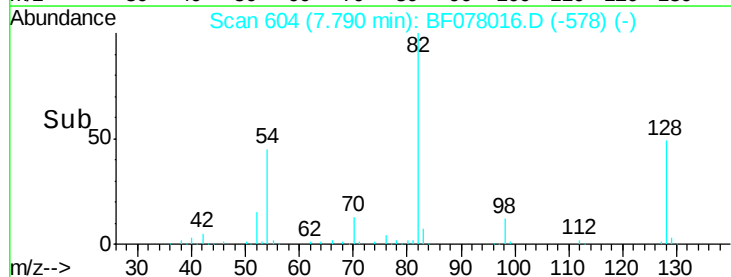


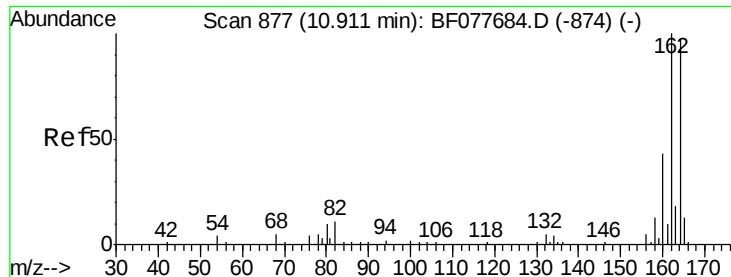
#23
Nitrobenzene-d5
Concen: 95.45 ng
RT: 7.79 min Scan# 604
Delta R.T. -0.00 min
Lab File: BF078016.D
Acq: 27 Mar 2015 2:38

Tgt Ion:	82	Resp:	212164
Ion	Ratio	Lower	Upper
82	100		
128	48.7	32.8	49.2
54	45.4	40.6	60.8



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

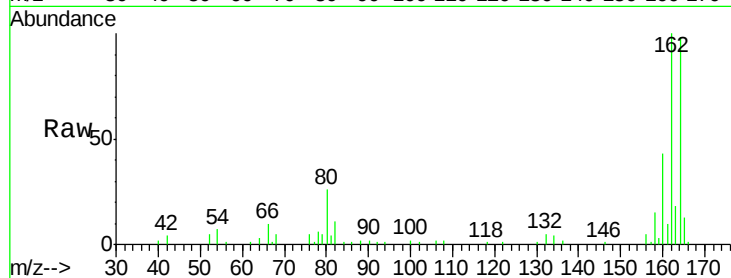




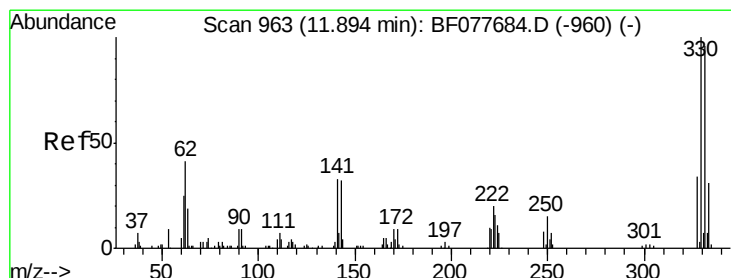
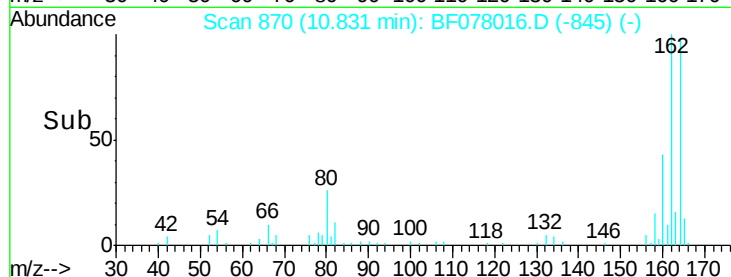
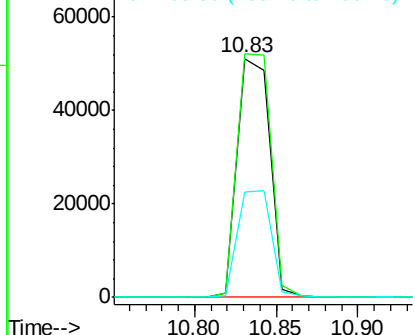
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.83 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF078016.D
Acq: 27 Mar 2015 2:38

Instrument :
BNA_F
ClientSampleId :
SUMP1

Tgt Ion:164 Resp: 70387
Ion Ratio Lower Upper
164 100
162 102.0 82.4 123.6
160 44.2 35.8 53.6

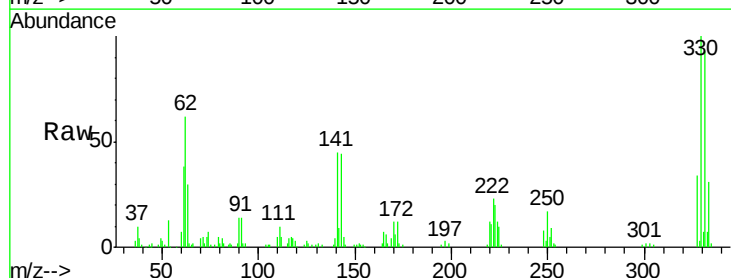


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

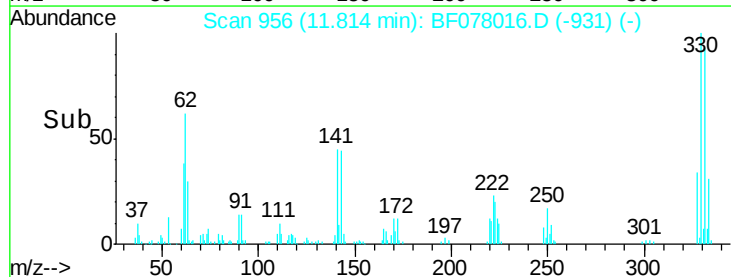
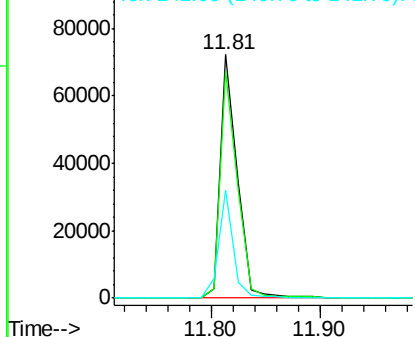


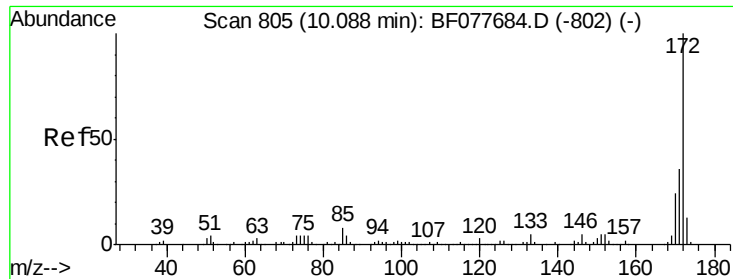
#41
2,4,6-Tribromophenol
Concen: 116.96 ng
RT: 11.81 min Scan# 956
Delta R.T. -0.01 min
Lab File: BF078016.D
Acq: 27 Mar 2015 2:38

Tgt Ion:330 Resp: 78768
Ion Ratio Lower Upper
330 100
332 93.8 0.0 0.0#
141 38.5 0.0 0.0#



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

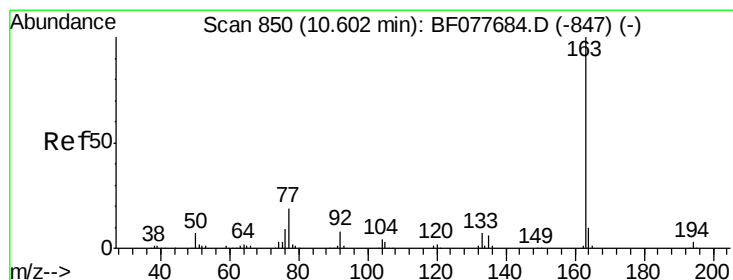
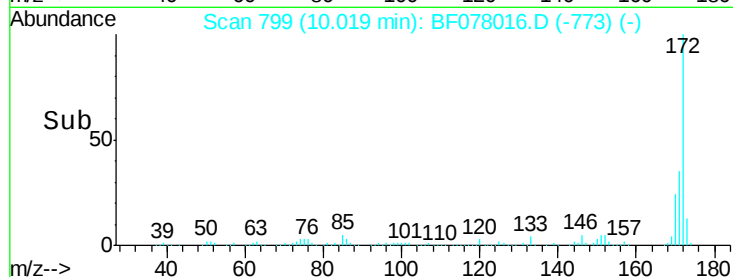
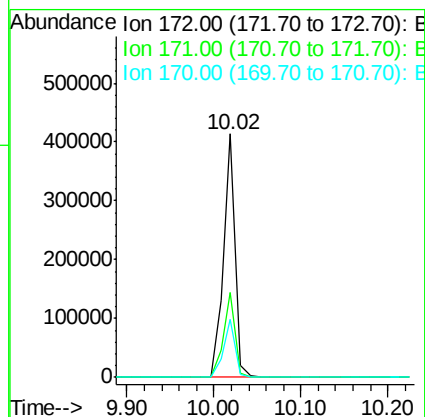
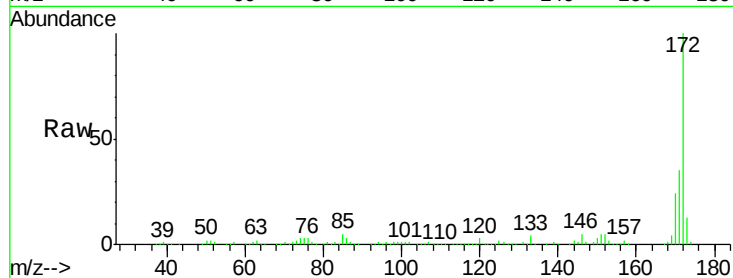




#44
 2-Fluorobiphenyl
 Concen: 82.38 ng
 RT: 10.02 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF078016.D
 Acq: 27 Mar 2015 2:38

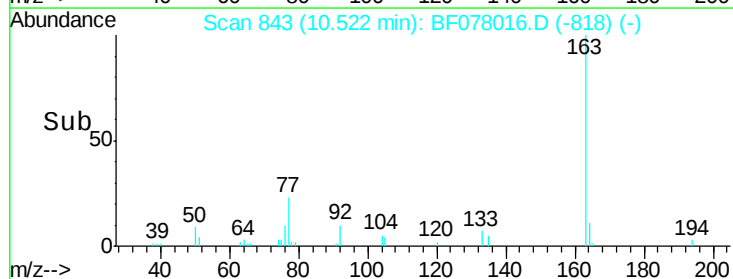
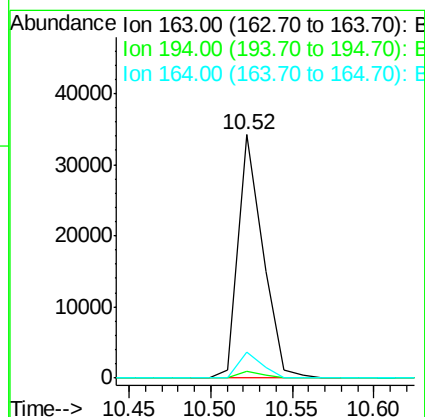
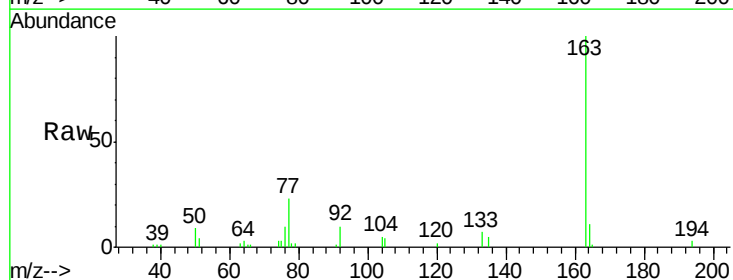
Instrument :
 BNA_F
 ClientSampleId :
 SUMP1

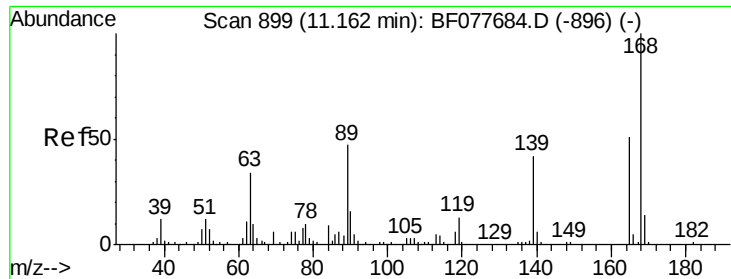
Tgt Ion:172 Resp: 394538
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.5 42.7
 170 23.6 18.8 28.2



#49
 Dimethylphthalate
 Concen: 6.78 ng
 RT: 10.52 min Scan# 843
 Delta R.T. -0.01 min
 Lab File: BF078016.D
 Acq: 27 Mar 2015 2:38

Tgt Ion:163 Resp: 35405
 Ion Ratio Lower Upper
 163 100
 194 2.9 2.7 4.1
 164 10.6 8.2 12.2





#56

2,4-Dinitrotoluene

Concen: 6.17 ng

RT: 10.83 min Scan# 870

Delta R.T. -0.26 min

Lab File: BF078016.D

Acq: 27 Mar 2015 2:38

Instrument :

BNA_F

ClientSampleId :

SUMP1

Tgt Ion:165 Resp: 8704

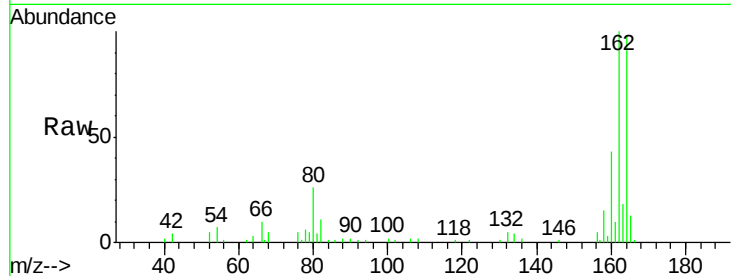
Ion Ratio Lower Upper

165 100

63 0.0 52.4 78.6#

89 0.0 72.4 108.6#

182 0.0 2.0 3.0#

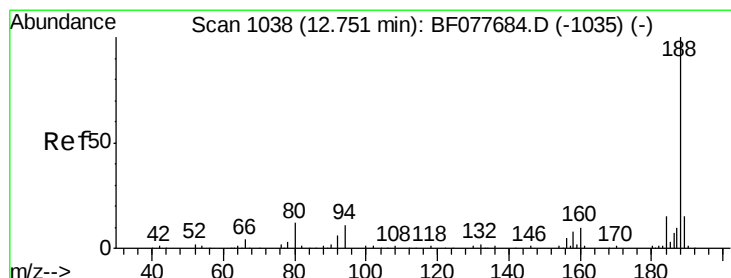
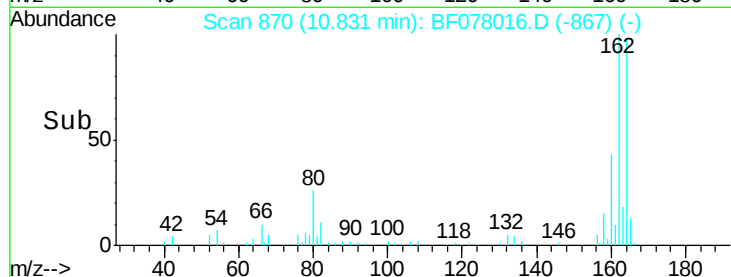
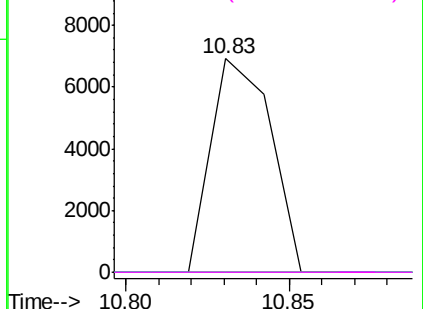


Abundance Ion 165.00 (164.70 to 165.70): E

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: 12.67 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BF078016.D

Acq: 27 Mar 2015 2:38

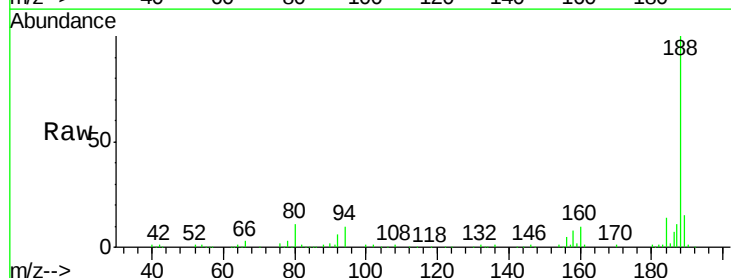
Tgt Ion:188 Resp: 144201

Ion Ratio Lower Upper

188 100

94 9.7 8.7 13.1

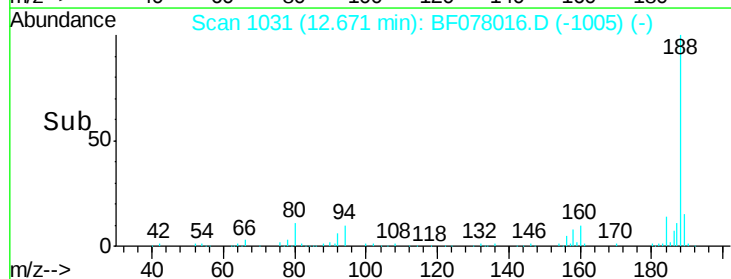
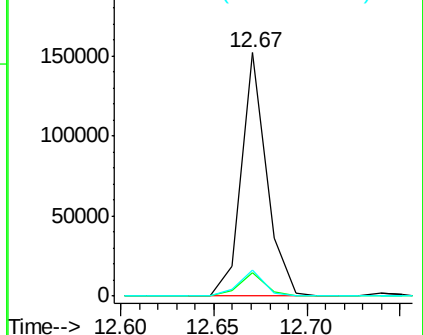
80 10.8 9.3 13.9

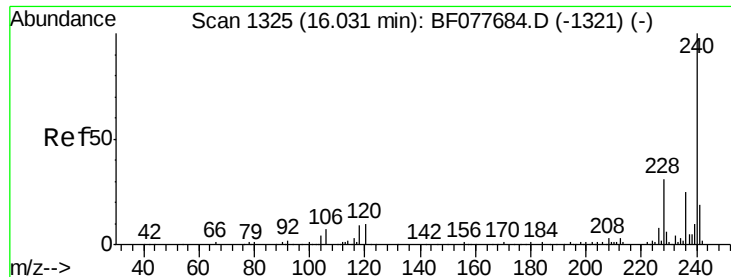


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

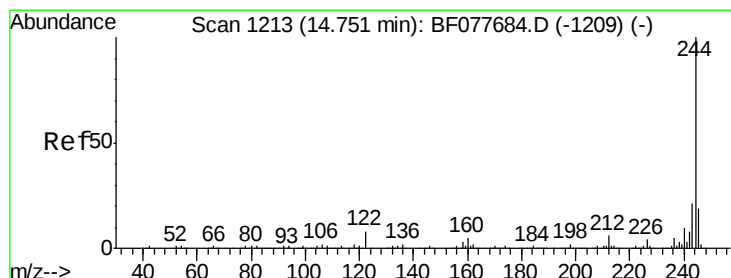
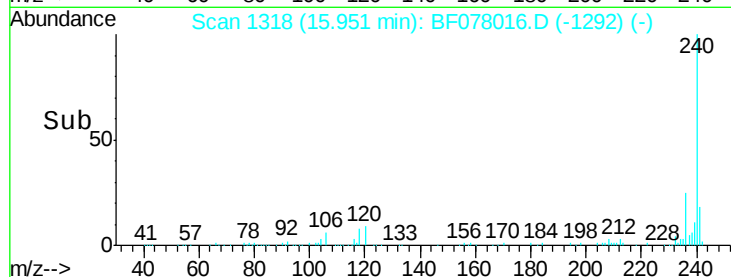
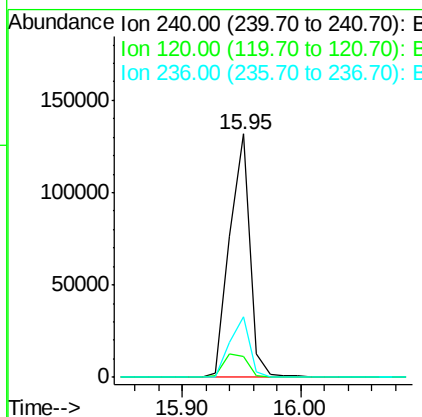
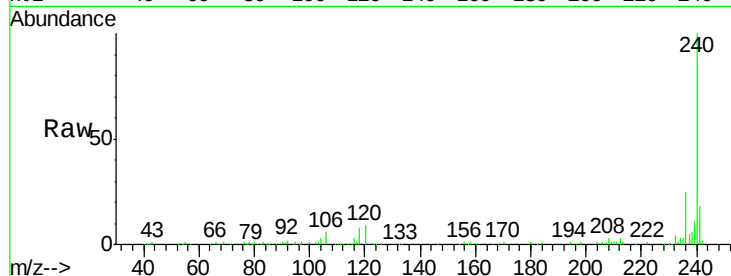




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.95 min Scan# 1318
 Delta R.T. -0.00 min
 Lab File: BF078016.D
 Acq: 27 Mar 2015 2:38

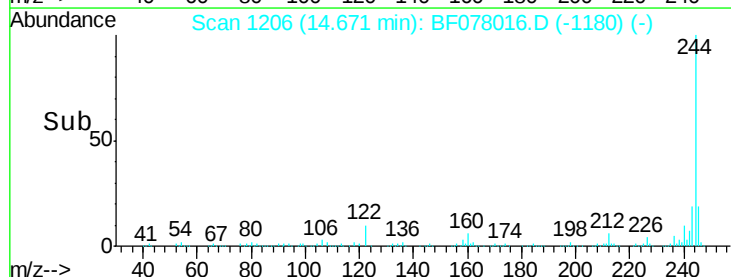
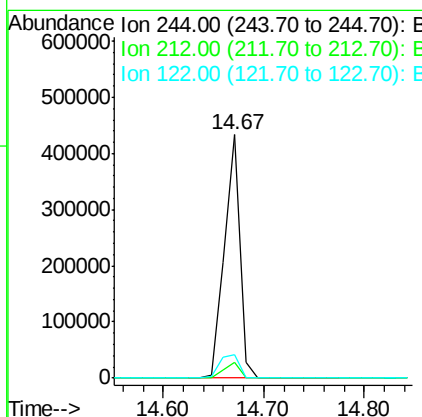
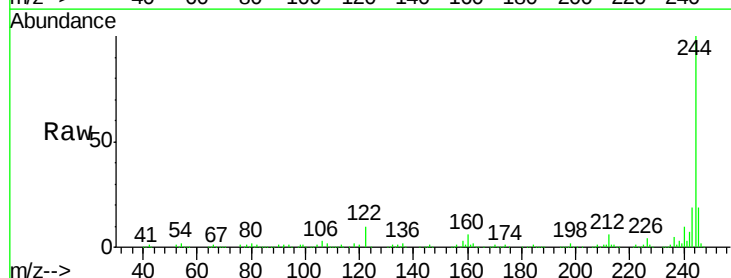
Instrument :
 BNA_F
 ClientSampleId :
 SUMP1

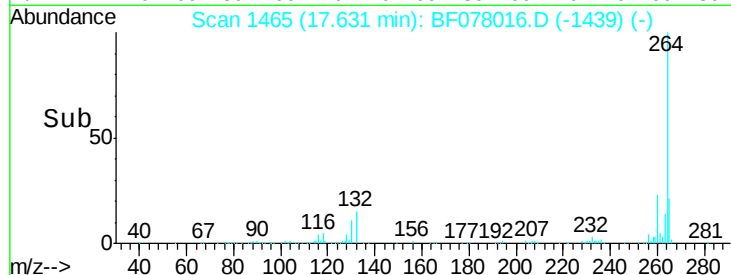
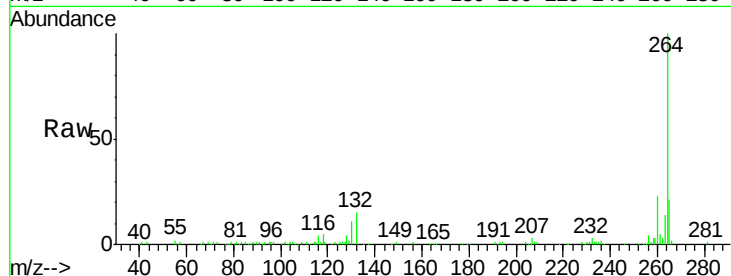
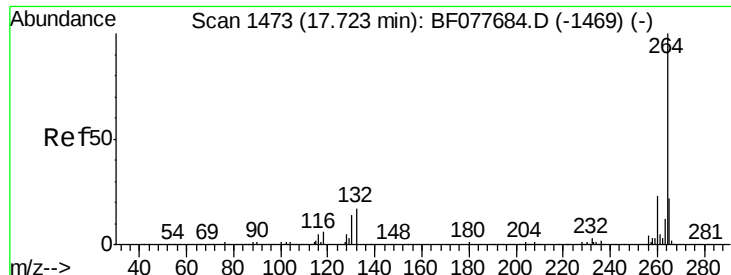
Tgt Ion:240 Resp: 155761
 Ion Ratio Lower Upper
 240 100
 120 8.7 8.2 12.2
 236 24.7 20.0 30.0



#78
 Terphenyl-d14
 Concen: 72.83 ng
 RT: 14.67 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BF078016.D
 Acq: 27 Mar 2015 2:38

Tgt Ion:244 Resp: 464400
 Ion Ratio Lower Upper
 244 100
 212 6.5 4.9 7.3
 122 9.6 6.2 9.4#





#86

Perylene-d12

Concen: 20.00 ng

RT: 17.63 min Scan# 1465

Delta R.T. -0.00 min

Lab File: BF078016.D

Acq: 27 Mar 2015 2:38

Instrument :

BNA_F

ClientSampleId :

SUMP1

Tgt Ion:264 Resp: 152198

Ion Ratio Lower Upper

264 100

260 23.1 18.6 27.8

265 21.1 17.3 25.9

