

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
 Data File : BF088639.D
 Acq On : 3 Jul 2016 10:13
 Operator : UM/SJ
 Sample : PB91727BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 04 04:53:29 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 18:01:55 2016
 Response via : Initial Calibration

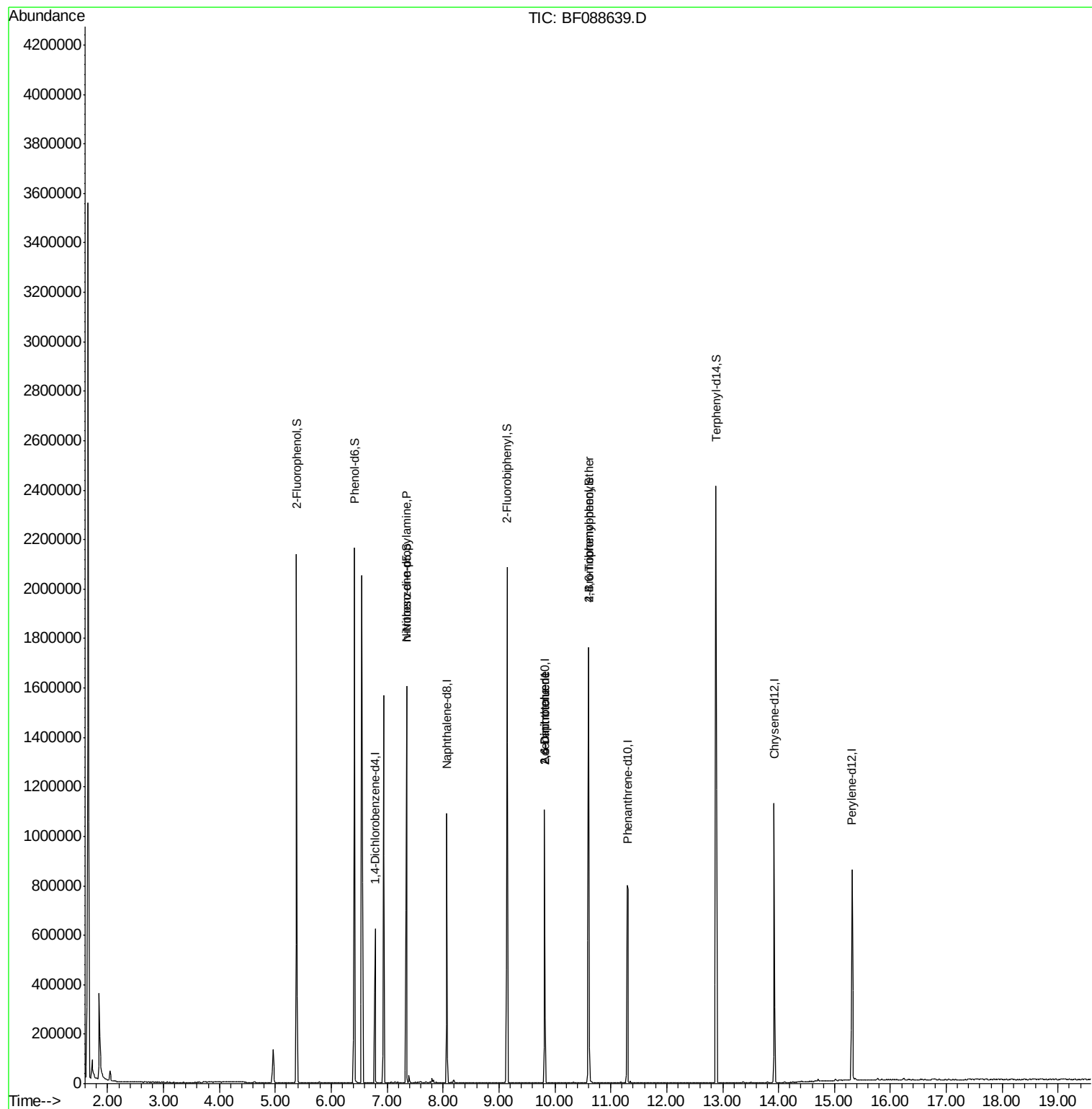
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	114651	20.00	ng	-0.02
21) Naphthalene-d8	8.07	136	465245	20.00	ng	-0.03
38) Acenaphthene-d10	9.82	164	214120	20.00	ng	-0.03
63) Phenanthrene-d10	11.30	188	436152	20.00	ng	-0.02
75) Chrysene-d12	13.92	240	366661	20.00	ng	-0.03
86) Perylene-d12	15.31	264	357834	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	603438	78.88	ng	-0.02
7) Phenol-d6	6.42	99	932759	94.36	ng	-0.02
23) Nitrobenzene-d5	7.35	82	577364	65.03	ng	-0.03
41) 2,4,6-Tribromophenol	10.60	330	195861	98.51	ng	-0.03
44) 2-Fluorobiphenyl	9.14	172	921994	68.02	ng	-0.03
78) Terphenyl-d14	12.88	244	894492	54.34	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.35	70	78046	11.75	ng	# 71
50) 2,6-Dinitrotoluene	9.82	165	27351	8.09	ng	# 40
56) 2,4-Dinitrotoluene	9.82	165	27352	6.19	ng	# 38
66) 4-Bromophenyl-phenylether	10.60	248	13713	3.12	ng	# 1

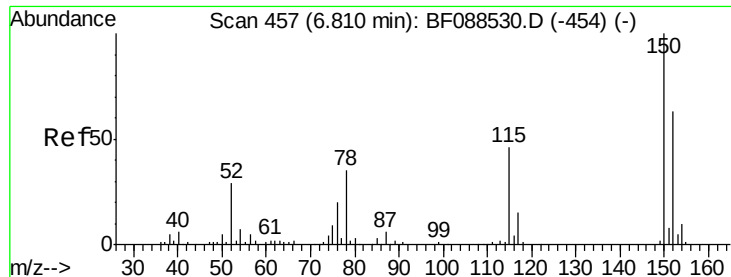
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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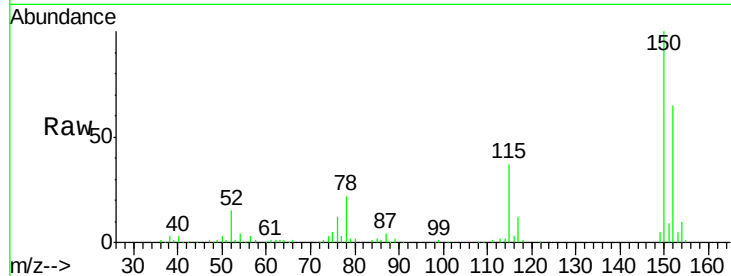


#1

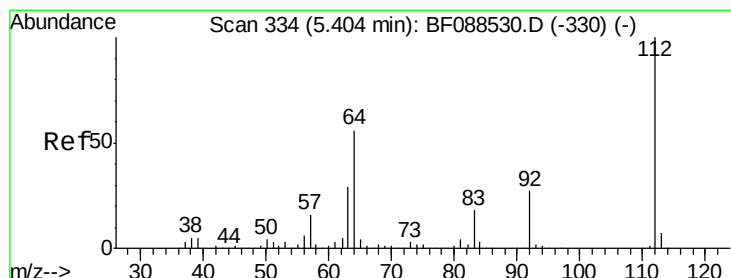
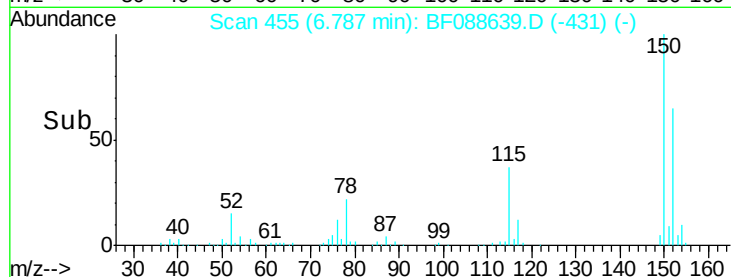
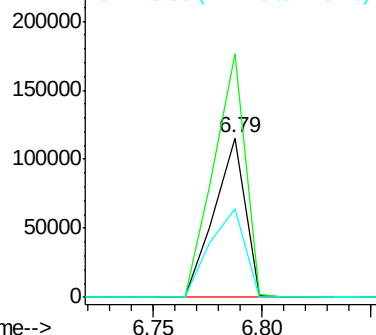
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF088639.D
Acq: 3 Jul 2016 10:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 114651
Ion Ratio Lower Upper
152 100
150 152.7 123.8 185.6
115 55.9 39.6 59.4



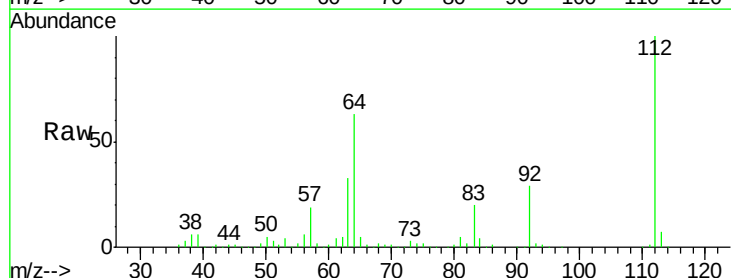
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



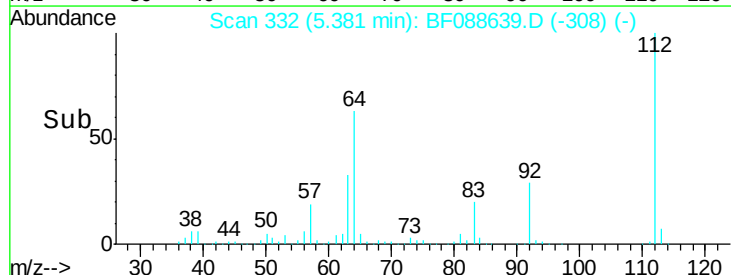
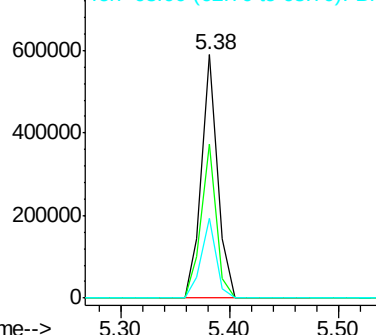
#5

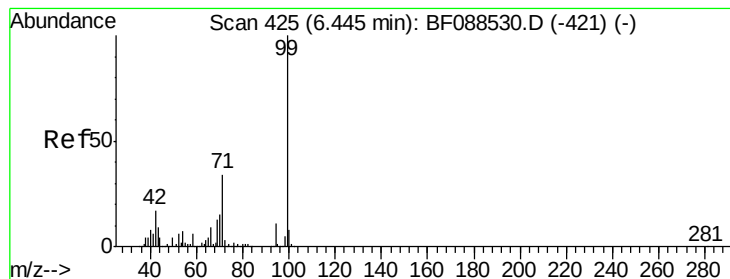
2-Fluorophenol
Concen: 78.88 ng
RT: 5.38 min Scan# 332
Delta R.T. -0.02 min
Lab File: BF088639.D
Acq: 3 Jul 2016 10:13

Tgt Ion:112 Resp: 603438
Ion Ratio Lower Upper
112 100
64 63.0 42.2 63.2
63 32.6 21.8 32.8



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: 94.36 ng

RT: 6.42 min Scan# 423

Delta R.T. -0.02 min

Lab File: BF088639.D

Acq: 3 Jul 2016 10:13

Instrument :

BNA_F

ClientSampled :

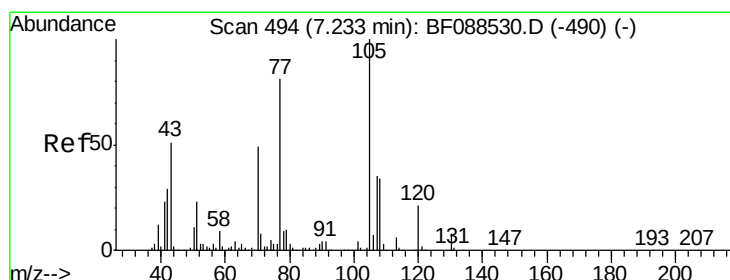
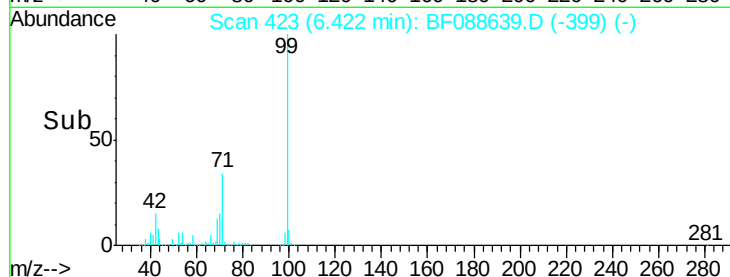
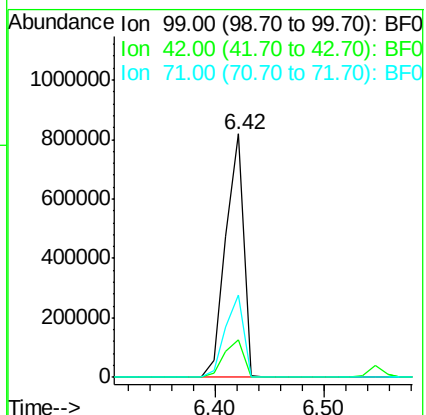
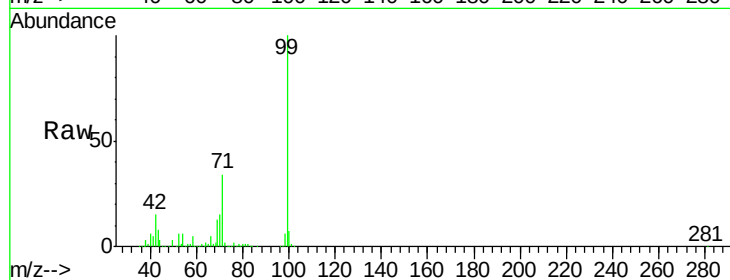
Tot Ion: 99 Resp: 932759

Ion Ratio Lower Upper

99 100

42 15.5 12.2 18.2

71 34.0 23.4 35.0



#19

n-Nitroso-di-n-propylamine

Concen: 11.75 ng

RT: 7.35 min Scan# 504

Delta R.T. 0.11 min

Lab File: BF088639.D

Acq: 3 Jul 2016 10:13

Tgt Ion: 70 Resp: 78046

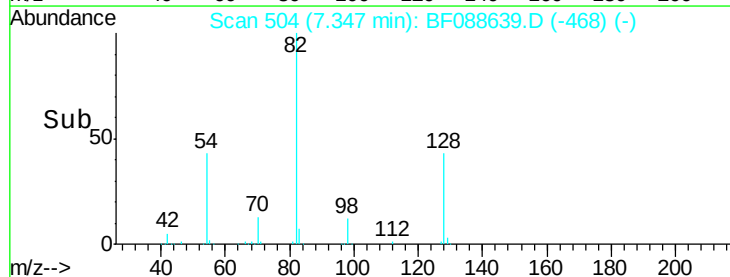
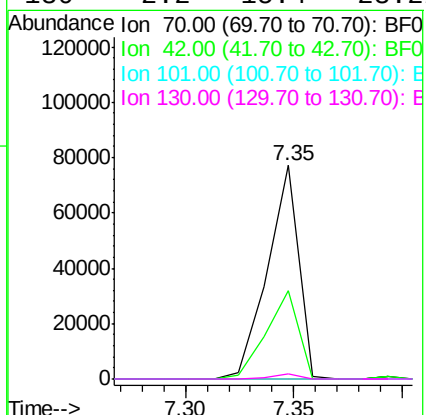
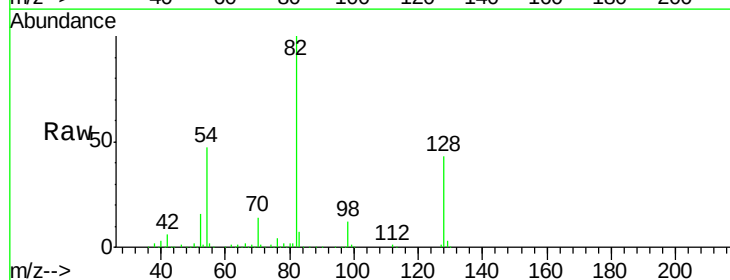
Ion Ratio Lower Upper

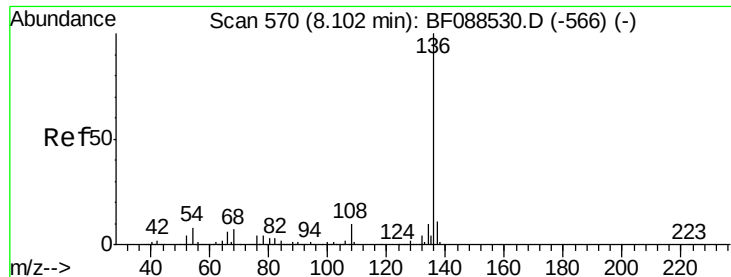
70 100

42 41.6 49.6 74.4#

101 0.0 7.1 10.7#

130 2.2 15.4 23.2#

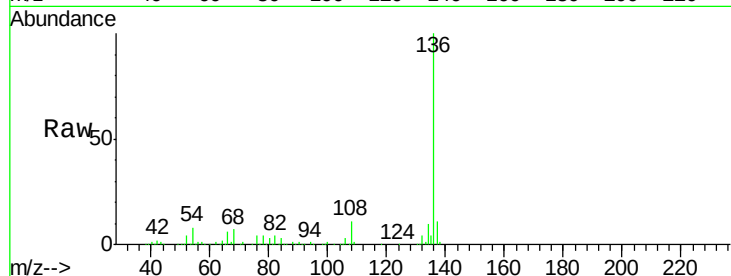




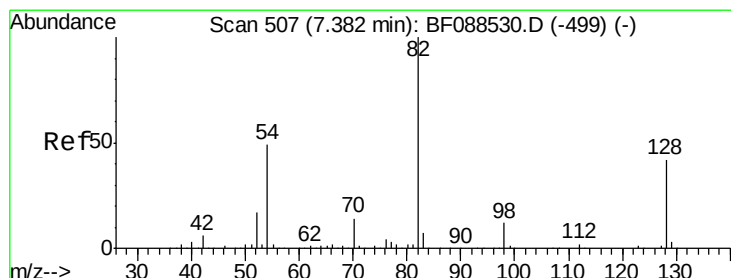
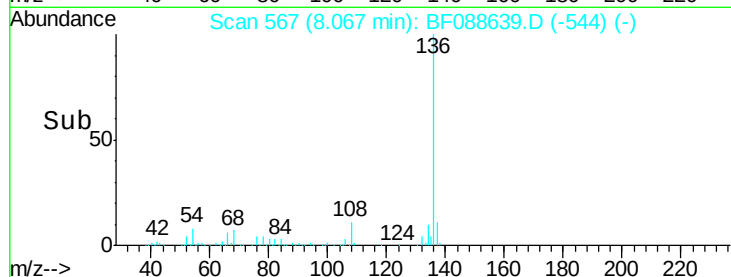
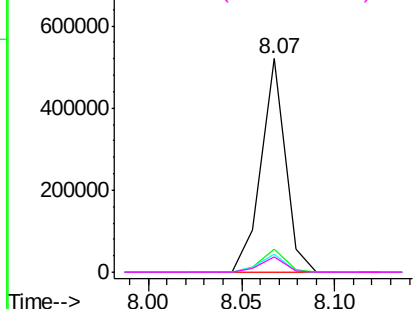
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 567
Delta R.T. -0.03 min
Lab File: BF088639.D
Acq: 3 Jul 2016 10:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	465245
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.1 13.7
54	8.2	6.6 10.0
68	7.1	5.1 7.7

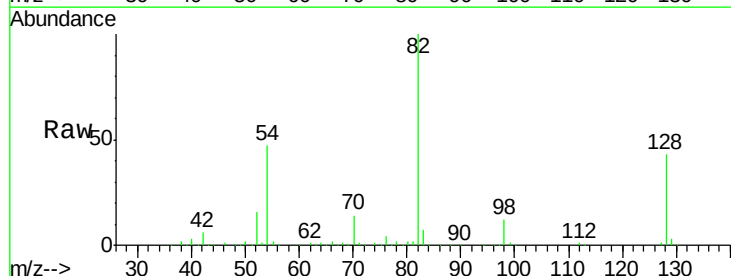


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

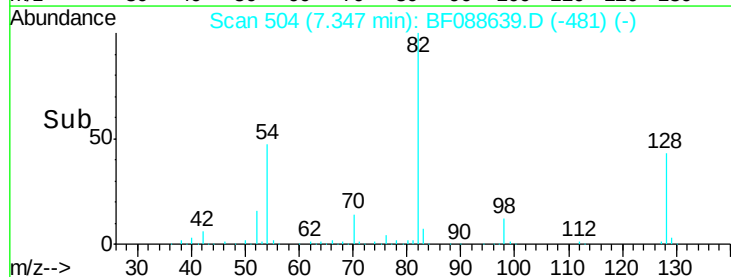
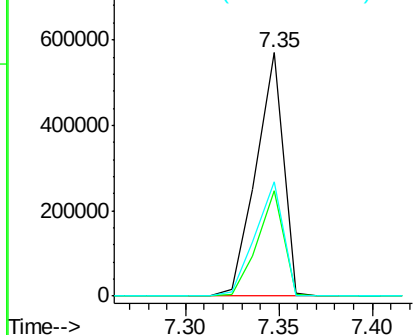


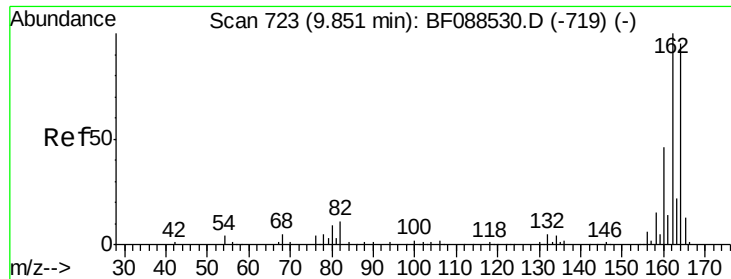
#23
Nitrobenzene-d5
Concen: 65.03 ng
RT: 7.35 min Scan# 504
Delta R.T. -0.03 min
Lab File: BF088639.D
Acq: 3 Jul 2016 10:13

Tgt Ion: 82	Resp:	577364
Ion Ratio	Lower	Upper
82	100	
128	43.4	35.9 53.9
54	46.8	40.9 61.3



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

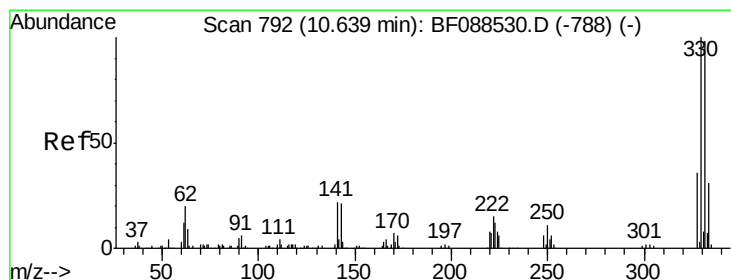
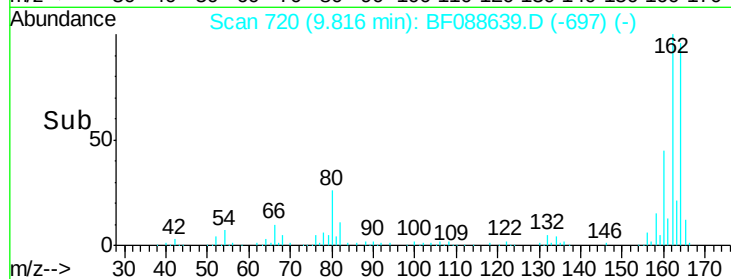
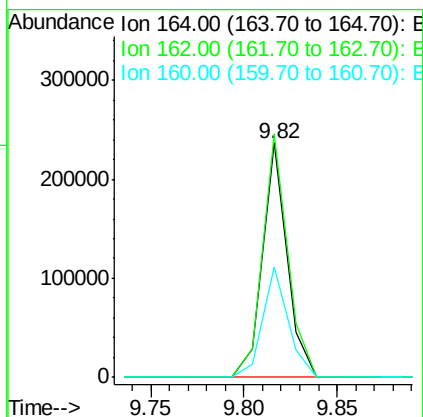
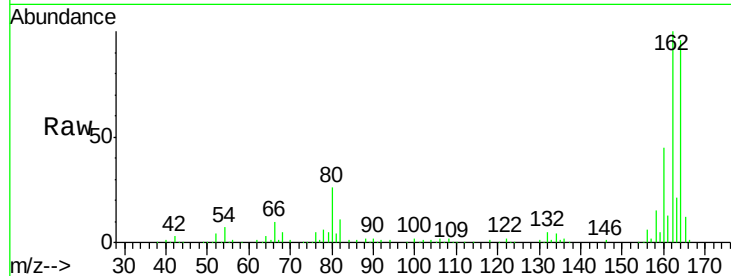




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 720
 Delta R.T. -0.03 min
 Lab File: BF088639.D
 Acq: 3 Jul 2016 10:13

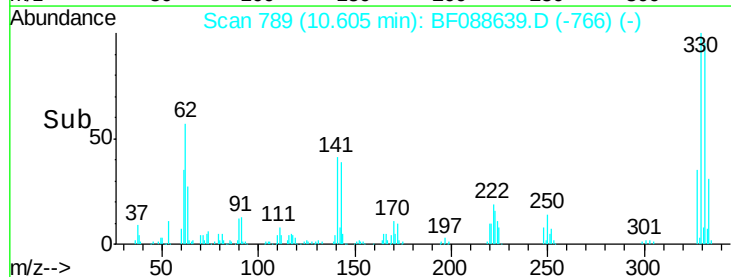
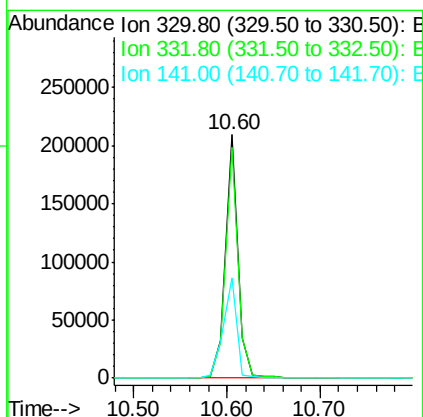
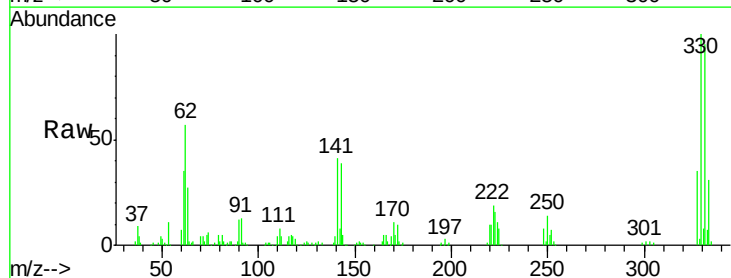
Instrument :
 BNA_F
 ClientSampleId :

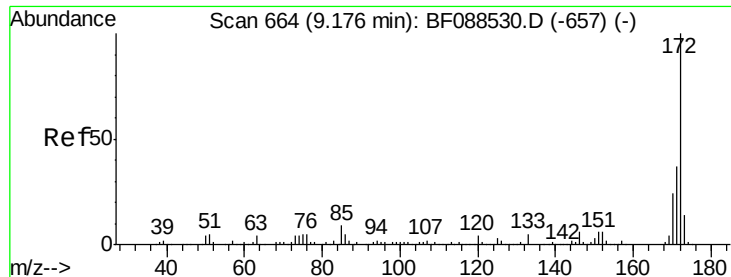
Tot Ion:164 Resp: 214120
 Ion Ratio Lower Upper
 164 100
 162 103.8 85.4 128.2
 160 47.1 39.5 59.3



#41
 2,4,6-Tribromophenol
 Concen: 98.51 ng
 RT: 10.60 min Scan# 789
 Delta R.T. -0.03 min
 Lab File: BF088639.D
 Acq: 3 Jul 2016 10:13

Tgt Ion:330 Resp: 195861
 Ion Ratio Lower Upper
 330 100
 332 95.5 0.0 0.0#
 141 43.8 0.0 0.0#

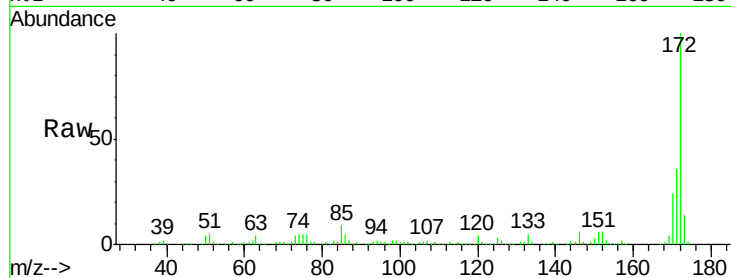




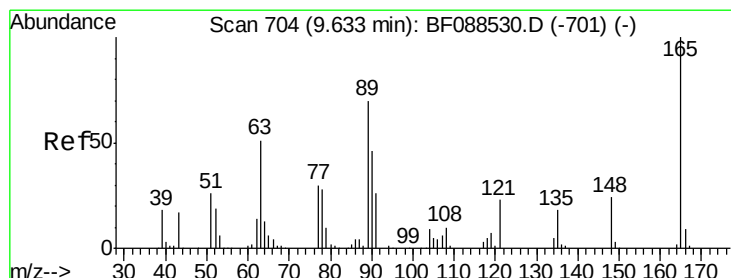
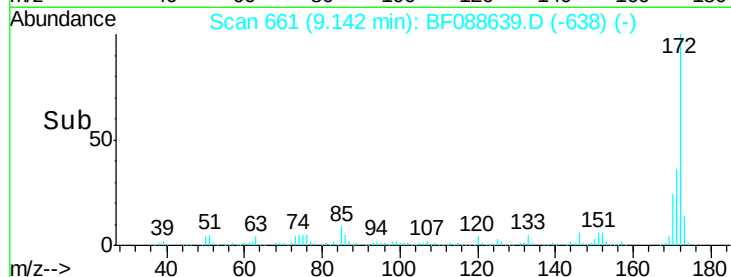
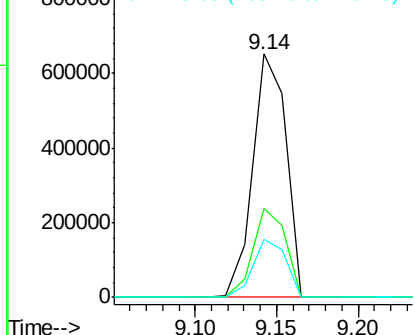
#44
2-Fluorobiphenyl
Concen: 68.02 ng
RT: 9.14 min Scan# 661
Delta R.T. -0.03 min
Lab File: BF088639.D
Acq: 3 Jul 2016 10:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 921994
Ion Ratio Lower Upper
172 100
171 36.2 28.6 43.0
170 23.9 19.2 28.8

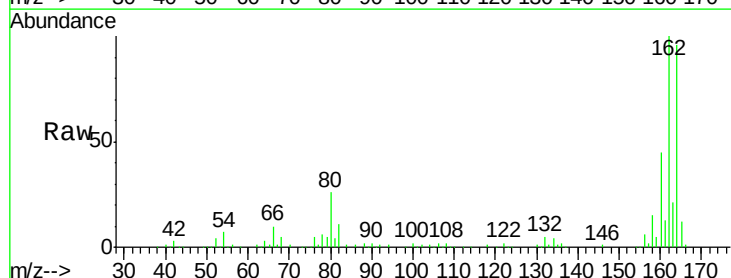


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

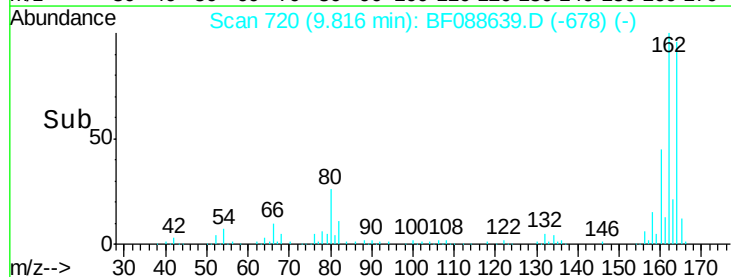
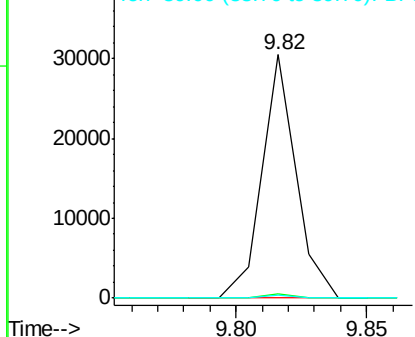


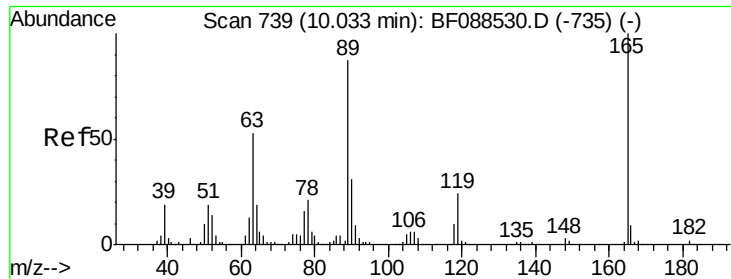
#50
2,6-Dinitrotoluene
Concen: 8.09 ng
RT: 9.82 min Scan# 720
Delta R.T. 0.18 min
Lab File: BF088639.D
Acq: 3 Jul 2016 10:13

Tgt Ion:165 Resp: 27351
Ion Ratio Lower Upper
165 100
63 1.7 28.1 42.1#
89 1.5 32.2 48.2#



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: 6.19 ng

RT: 9.82 min Scan# 720

Delta R.T. -0.22 min

Lab File: BF088639.D

Acq: 3 Jul 2016 10:13

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 27352

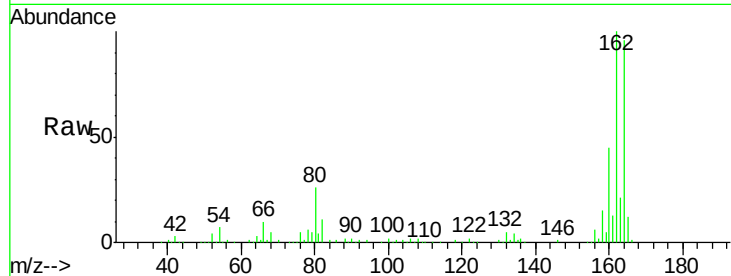
Ion Ratio Lower Upper

165 100

63 1.7 22.0 33.0#

89 1.5 41.1 61.7#

182 0.0 2.0 3.0#

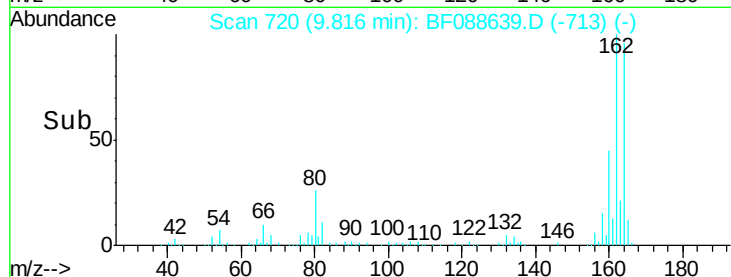


Abundance Ion 165.00 (164.70 to 165.70): E

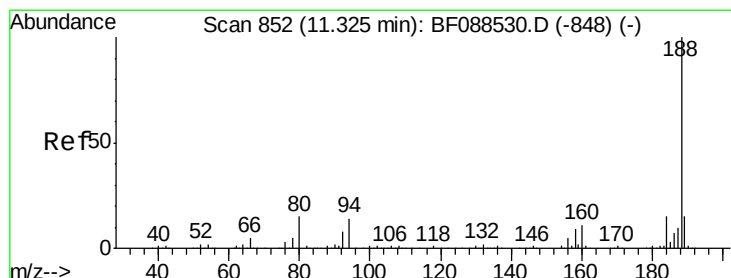
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



Time--> 9.75 9.80 9.85



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.30 min Scan# 850

Delta R.T. -0.02 min

Lab File: BF088639.D

Acq: 3 Jul 2016 10:13

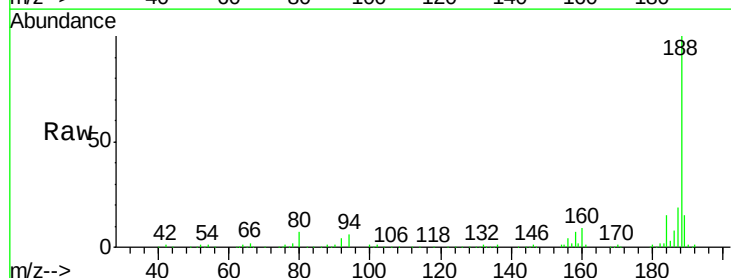
Tgt Ion:188 Resp: 436152

Ion Ratio Lower Upper

188 100

94 6.5 9.0 13.6#

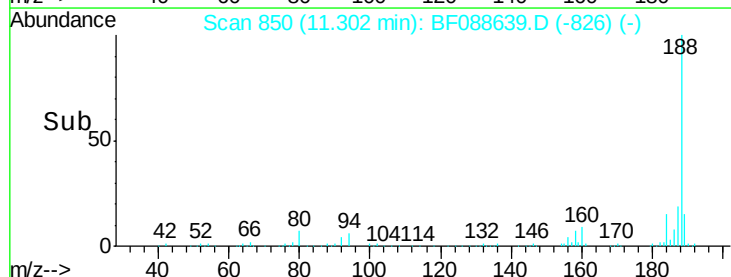
80 6.8 10.0 15.0#



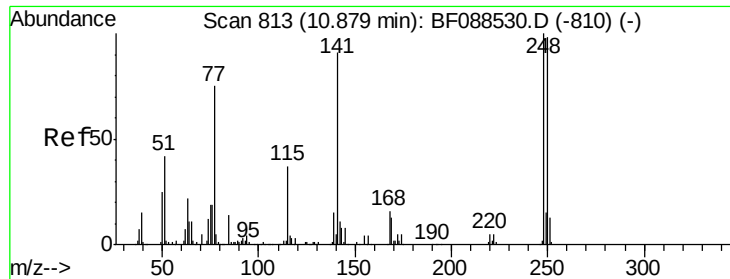
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



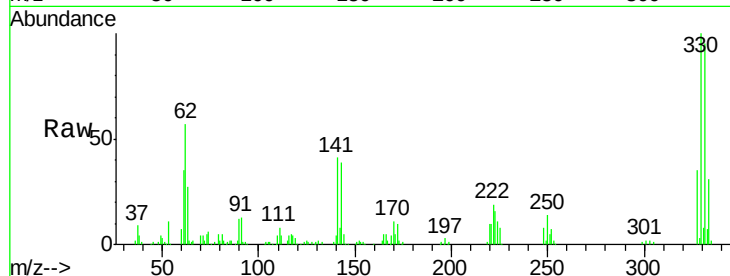
Time--> 11.25 11.30 11.35



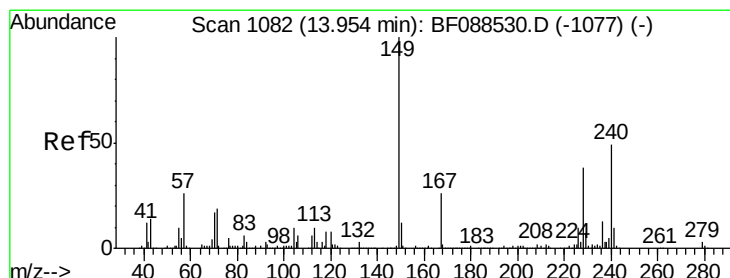
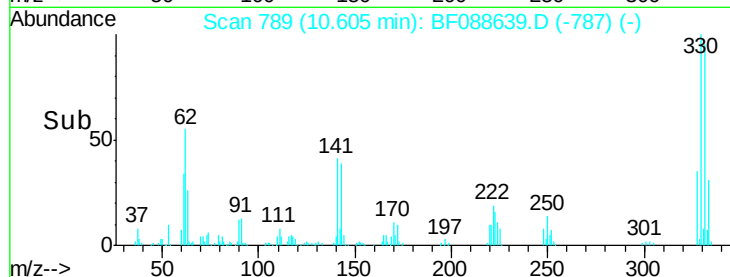
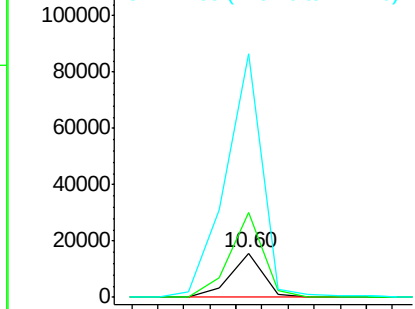
#66
4-Bromophenyl-phenylether
Concen: 3.12 ng
RT: 10.60 min Scan# 789
Delta R.T. -0.27 min
Lab File: BF088639.D
Acq: 3 Jul 2016 10:13

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 13713
Ion Ratio Lower Upper
248 100
250 191.8 77.1 115.7#
141 550.2 50.6 76.0#

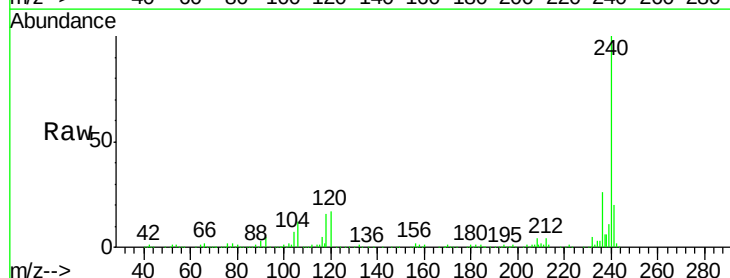


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

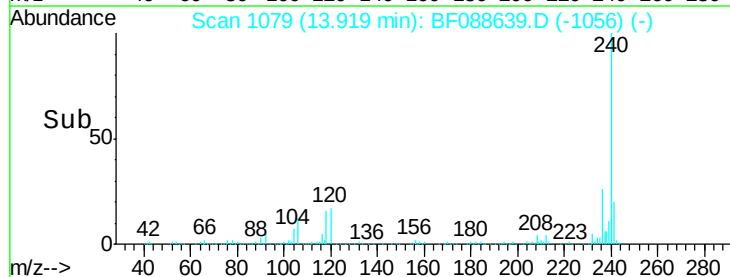
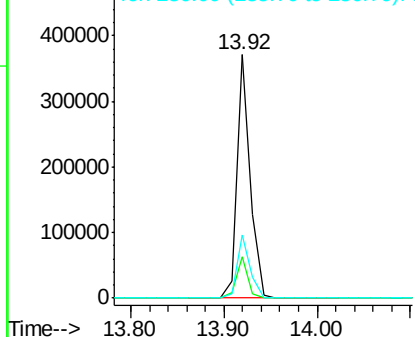


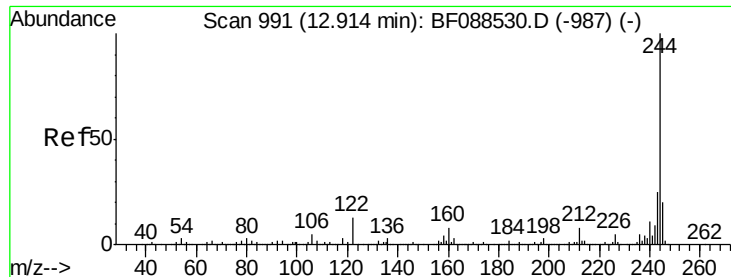
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 1079
Delta R.T. -0.03 min
Lab File: BF088639.D
Acq: 3 Jul 2016 10:13

Tgt Ion:240 Resp: 366661
Ion Ratio Lower Upper
240 100
120 16.8 6.8 10.2#
236 25.8 20.2 30.2



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: 54.34 ng

RT: 12.88 min Scan# 988

Delta R.T. -0.03 min

Lab File: BF088639.D

Acq: 3 Jul 2016 10:13

Instrument :

BNA_F

ClientSampleId :

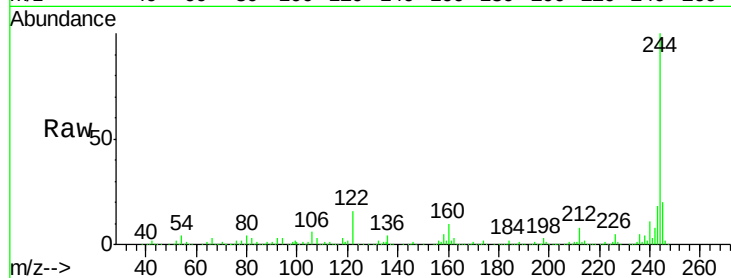
Tot Ion:244 Resp: 894492

Ion Ratio Lower Upper

244 100

212 8.0 6.0 9.0

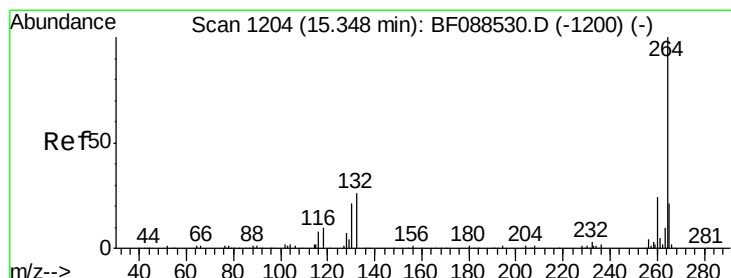
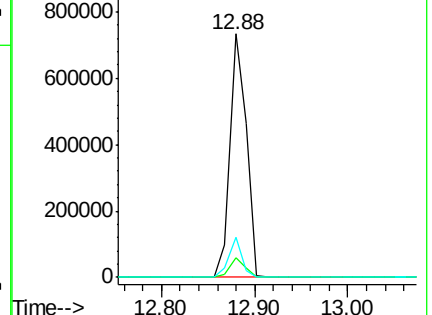
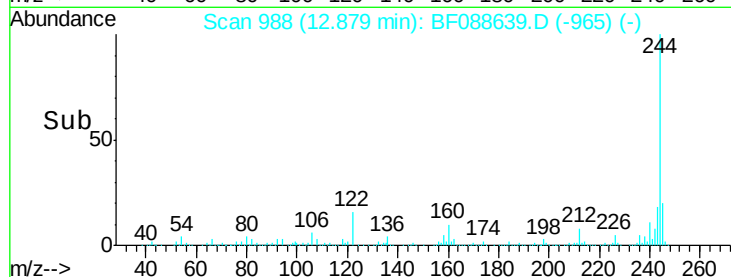
122 16.3 11.2 16.8



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: 15.31 min Scan# 1201

Delta R.T. -0.03 min

Lab File: BF088639.D

Acq: 3 Jul 2016 10:13

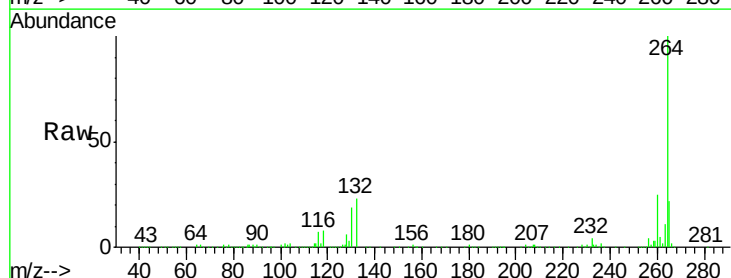
Tgt Ion:264 Resp: 357834

Ion Ratio Lower Upper

264 100

260 24.6 19.2 28.8

265 21.9 16.9 25.3



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

