

Data Path : S:\HPCHEM1\BNA_F\DATA\BF060916\
 Data File : BF087849.D
 Acq On : 9 Jun 2016 13:38
 Operator : UM/SJ
 Sample : H3477-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1300-03-SE-06072016

Quant Time: Jun 09 14:40:41 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 07 18:51:55 2016
 Response via : Initial Calibration

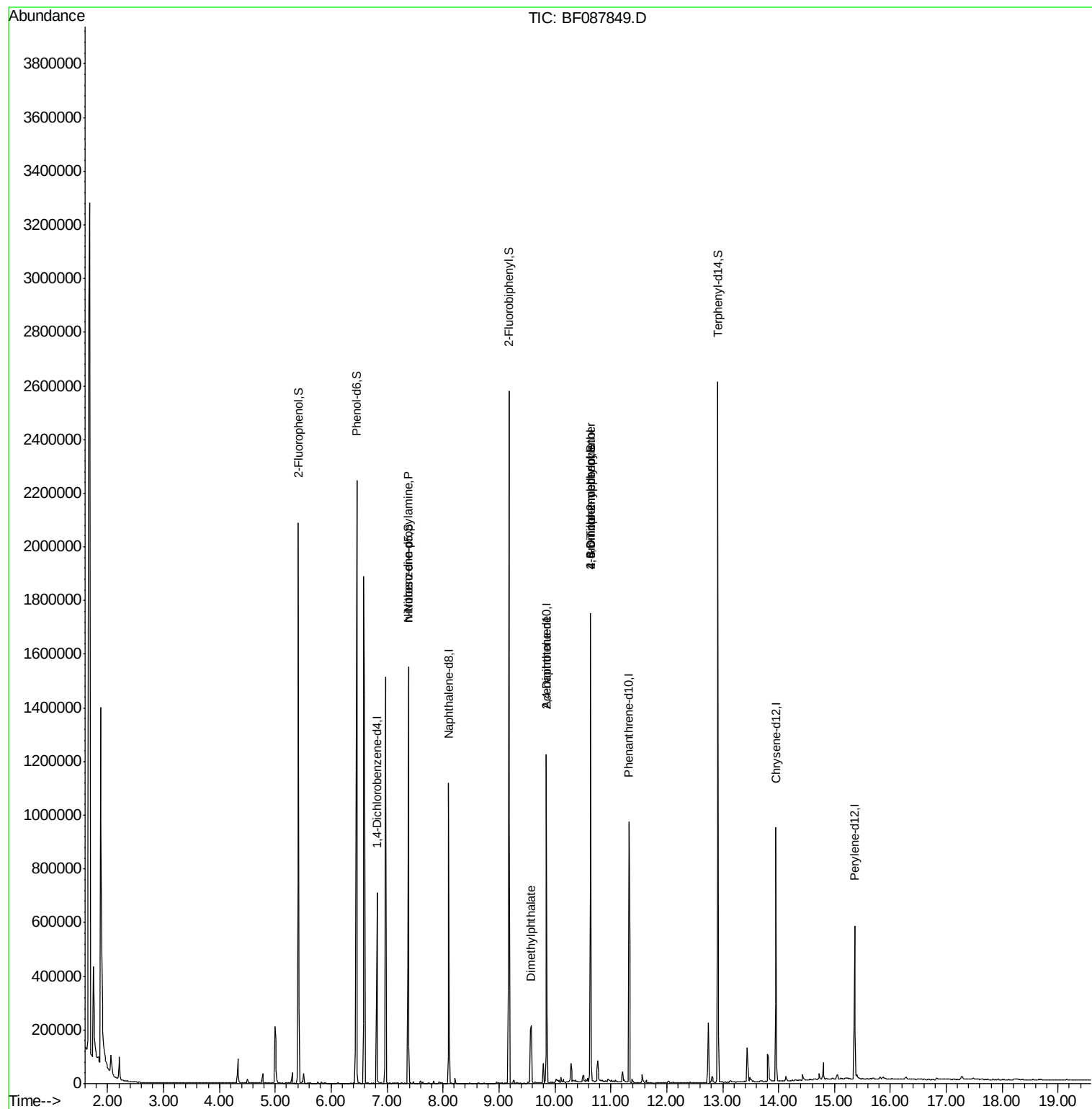
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	124956	20.00	ng	-0.02
21) Naphthalene-d8	8.10	136	484224	20.00	ng	-0.02
38) Acenaphthene-d10	9.85	164	232695	20.00	ng	-0.03
63) Phenanthrene-d10	11.32	188	414671	20.00	ng	-0.03
75) Chrysene-d12	13.95	240	316264	20.00	ng	-0.03
86) Perylene-d12	15.36	264	243214	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	652481	89.27	ng	-0.01
7) Phenol-d6	6.46	99	911548	102.90	ng	-0.02
23) Nitrobenzene-d5	7.38	82	505571	60.97	ng	-0.03
41) 2,4,6-Tribromophenol	10.64	330	216060	87.94	ng	-0.03
44) 2-Fluorobiphenyl	9.18	172	944768	62.30	ng	-0.03
78) Terphenyl-d14	12.91	244	809376	58.24	ng	-0.03
Target Compounds						
10) Phenol	6.47	94	5523	Below Cal		Qvalue 98
19) n-Nitroso-di-n-propylamine	7.38	70	67427	11.90 ng	#	74
45) 1,1'-Biphenyl	9.18	154	1755	Below Cal	#	1
49) Dimethylphthalate	9.58	163	137584	8.16 ng		97
56) 2,4-Dinitrotoluene	9.85	165	30272	6.10 ng	#	38
57) Fluorene	10.64	166	10956	Below Cal	#	90
64) 4,6-Dinitro-2-methylphenol	10.64	198	403	2.31 ng	#	1
66) 4-Bromophenyl-phenylether	10.64	248	14047	3.16 ng	#	1

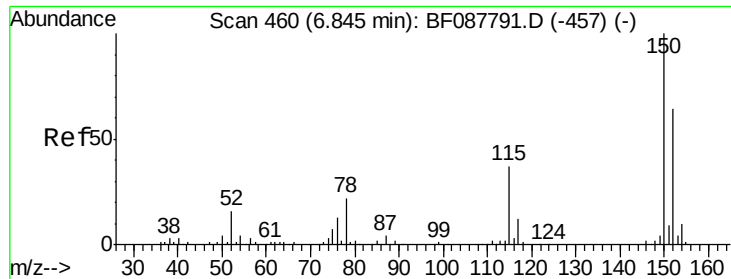
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 458

Delta R.T. -0.02 min

Lab File: BF087849.D

Acq: 9 Jun 2016 13:38

Instrument :

BNA_F

ClientSampleId :

1300-03-SE-06072016

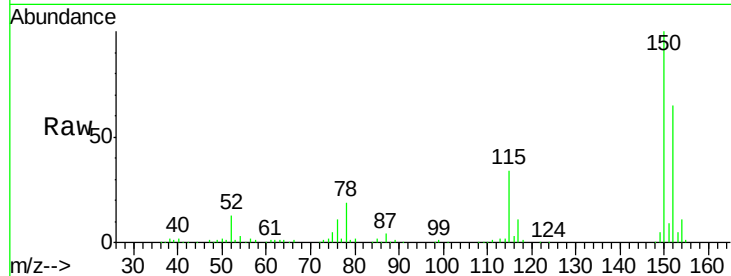
Tgt Ion:152 Resp: 124956

Ion Ratio Lower Upper

152 100

150 153.4 123.8 185.6

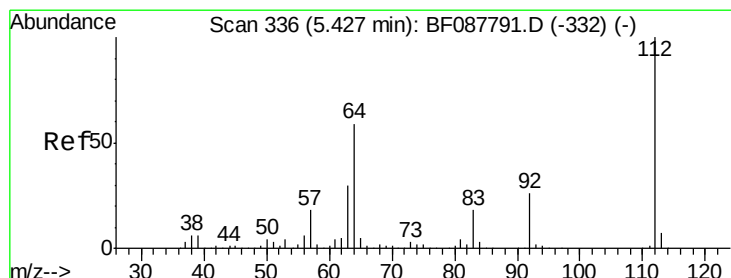
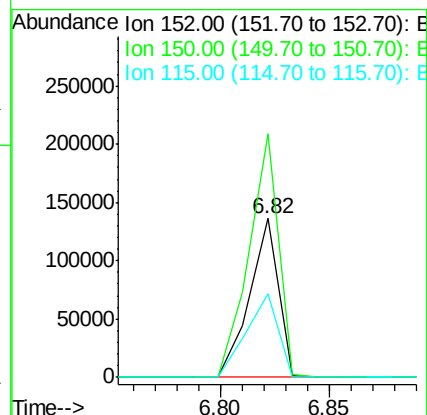
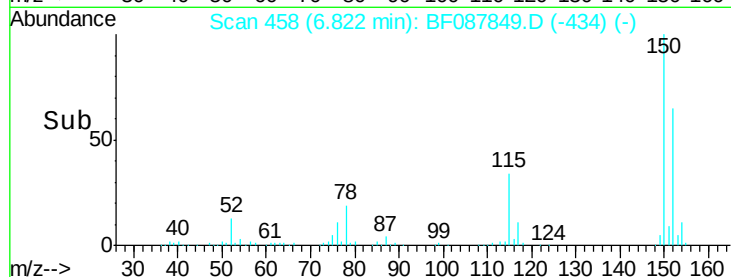
115 52.6 39.6 59.4



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: 89.27 ng

RT: 5.42 min Scan# 335

Delta R.T. -0.01 min

Lab File: BF087849.D

Acq: 9 Jun 2016 13:38

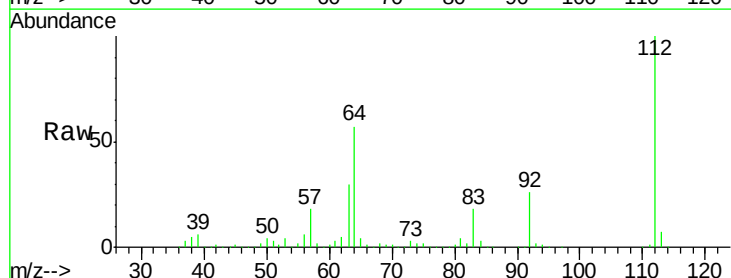
Tgt Ion:112 Resp: 652481

Ion Ratio Lower Upper

112 100

64 57.4 42.2 63.2

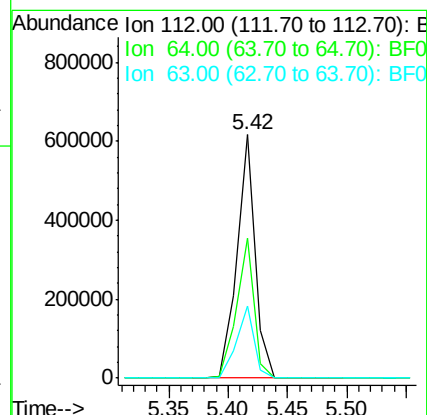
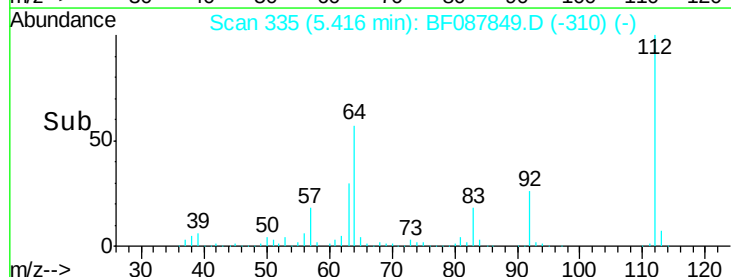
63 29.6 21.8 32.8

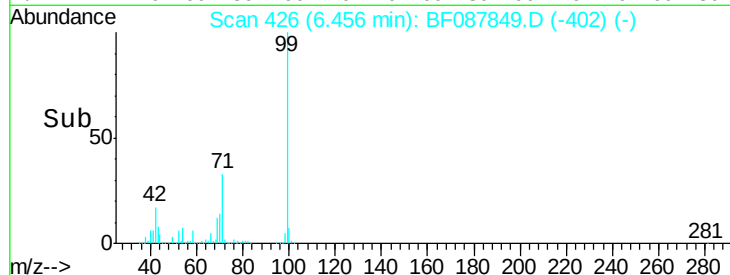
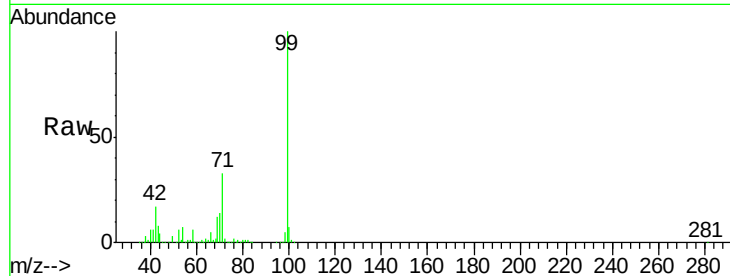
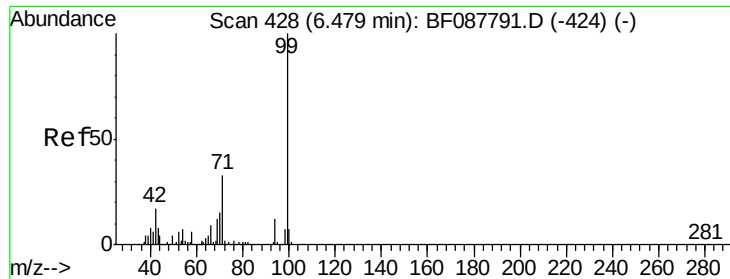


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 102.90 ng

RT: 6.46 min Scan# 426

Delta R.T. -0.02 min

Lab File: BF087849.D

Acq: 9 Jun 2016 13:38

Instrument :

BNA_F

ClientSampleId :

1300-03-SE-06072016

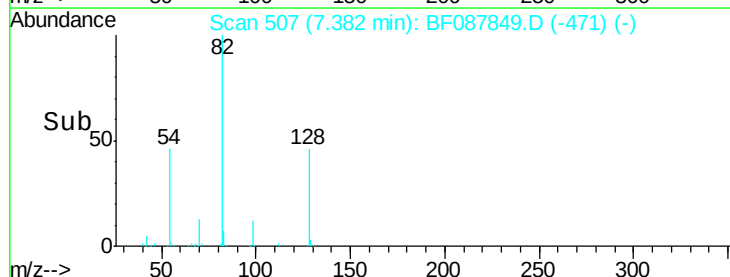
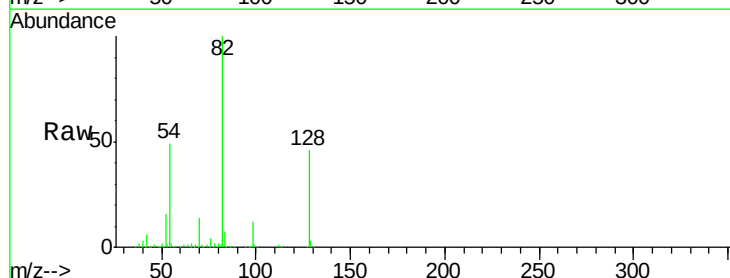
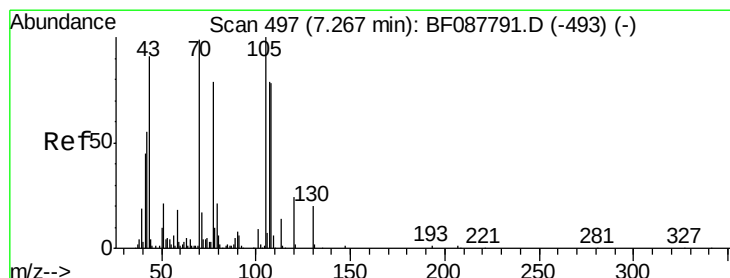
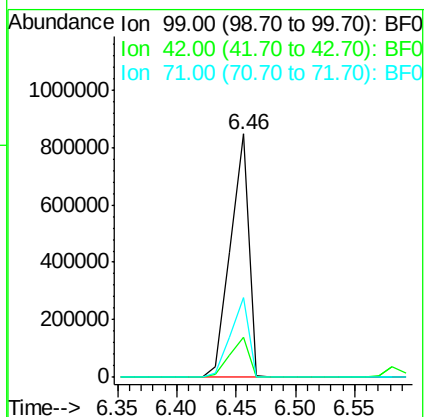
Tgt Ion: 99 Resp: 911548

Ion Ratio Lower Upper

99 100

42 16.5 12.2 18.2

71 33.0 23.4 35.0



#19

n-Nitroso-di-n-propylamine

Concen: 11.90 ng

RT: 7.38 min Scan# 507

Delta R.T. 0.11 min

Lab File: BF087849.D

Acq: 9 Jun 2016 13:38

Tgt Ion: 70 Resp: 67427

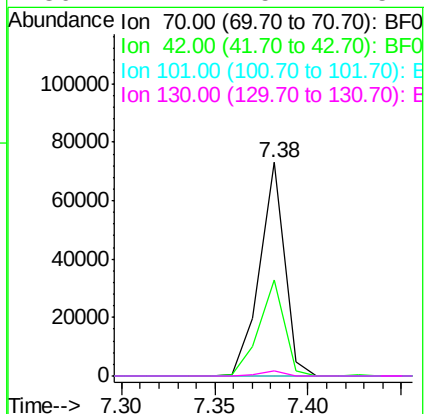
Ion Ratio Lower Upper

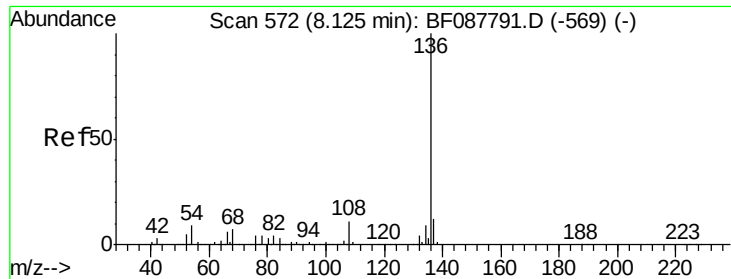
70 100

42 44.9 49.6 74.4#

101 0.0 7.1 10.7#

130 2.2 15.4 23.2#

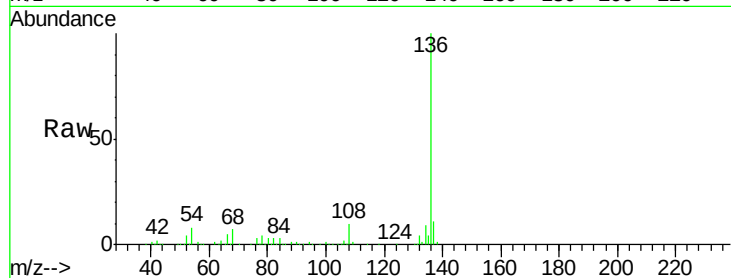




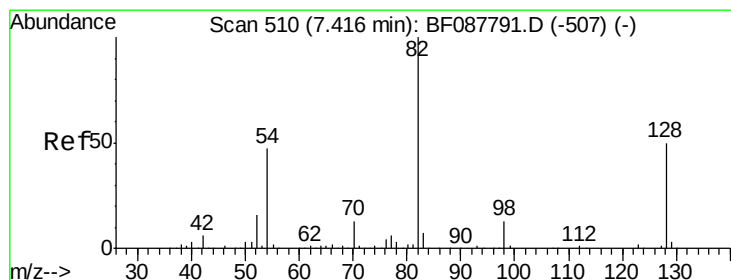
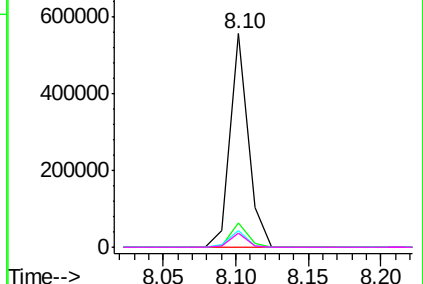
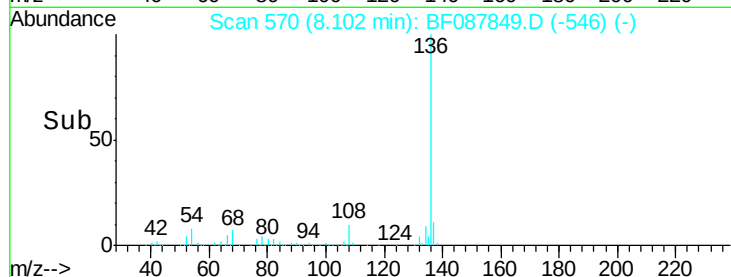
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 570
Delta R.T. -0.02 min
Lab File: BF087849.D
Acq: 9 Jun 2016 13:38

Instrument :
BNA_F
ClientSampleId :
1300-03-SE-06072016

Tgt Ion:	136	Resp:	484224
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	8.0	6.6	10.0
68	6.5	5.1	7.7

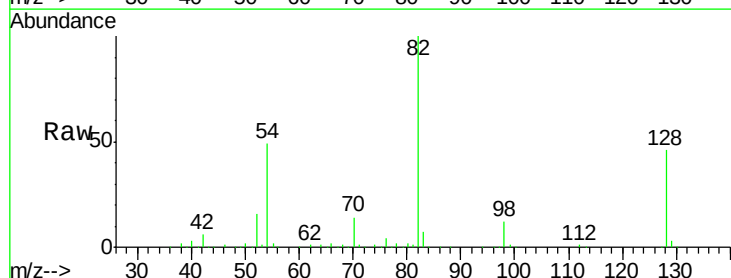


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

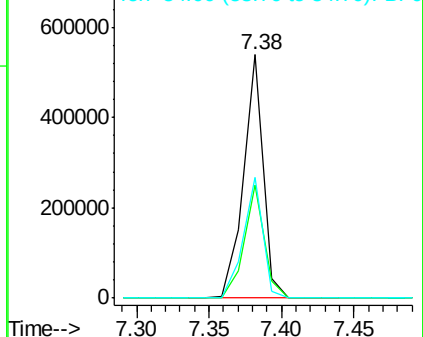
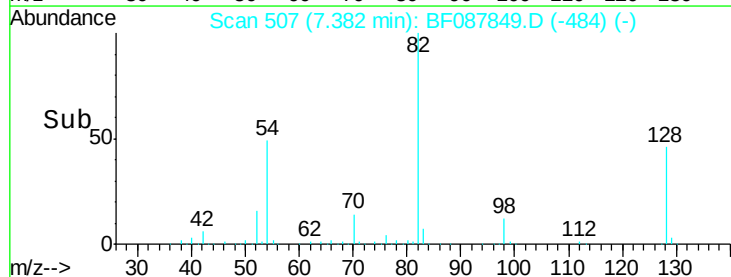


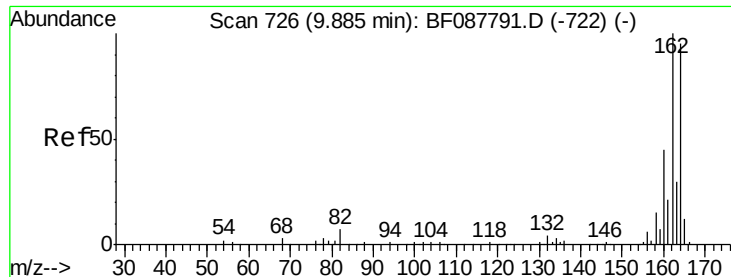
#23
Nitrobenzene-d5
Concen: 60.97 ng
RT: 7.38 min Scan# 507
Delta R.T. -0.03 min
Lab File: BF087849.D
Acq: 9 Jun 2016 13:38

Tgt Ion:	82	Resp:	505571
Ion	Ratio	Lower	Upper
82	100		
128	46.3	35.9	53.9
54	49.4	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: 9.85 min Scan# 723

Delta R.T. -0.03 min

Lab File: BF087849.D

Acq: 9 Jun 2016 13:38

Instrument :

BNA_F

ClientSampleId :

1300-03-SE-06072016

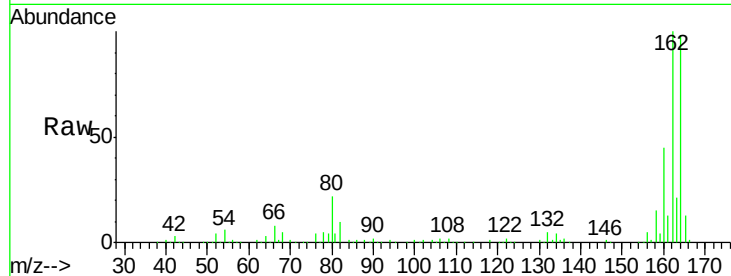
Tgt Ion:164 Resp: 232695

Ion Ratio Lower Upper

164 100

162 102.2 85.4 128.2

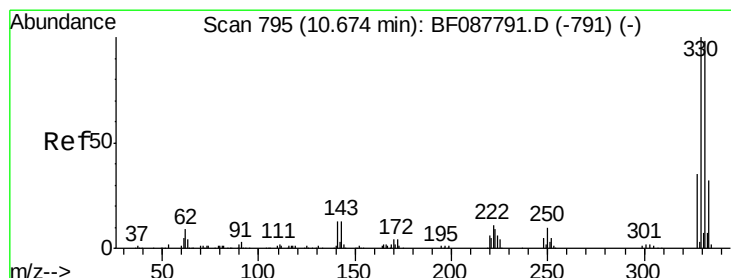
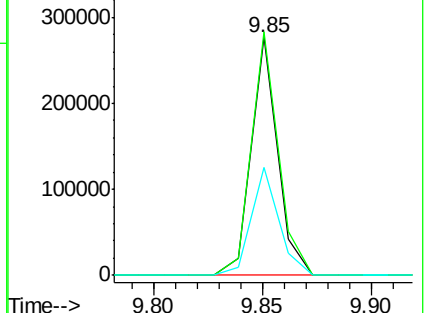
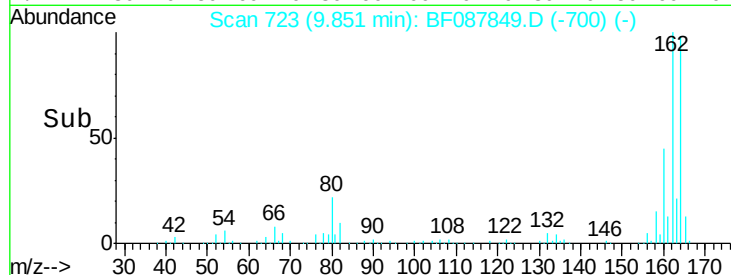
160 45.6 39.5 59.3



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: 87.94 ng

RT: 10.64 min Scan# 792

Delta R.T. -0.03 min

Lab File: BF087849.D

Acq: 9 Jun 2016 13:38

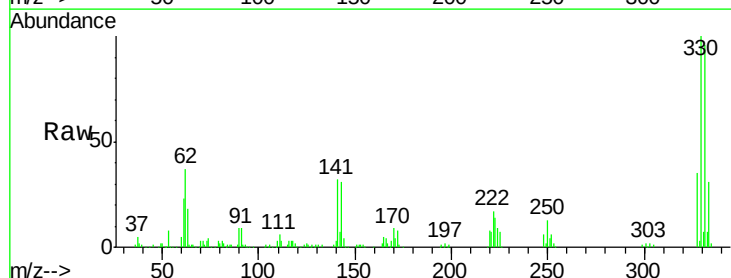
Tgt Ion:330 Resp: 216060

Ion Ratio Lower Upper

330 100

332 96.1 0.0 0.0#

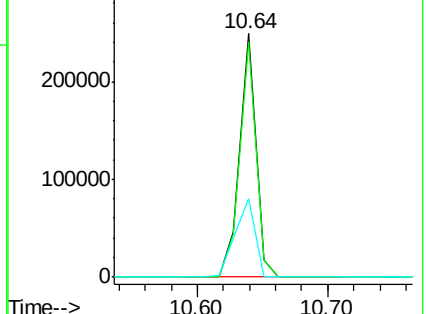
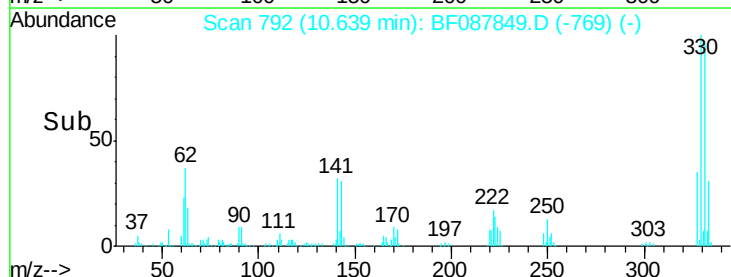
141 38.7 0.0 0.0#

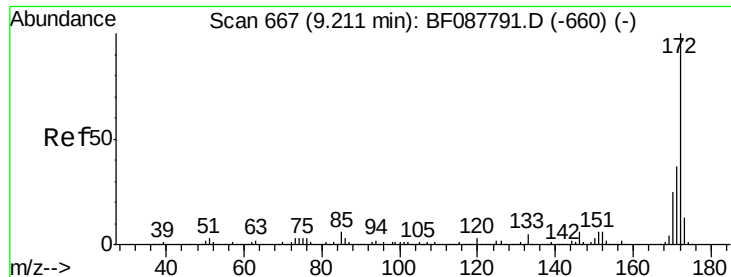


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

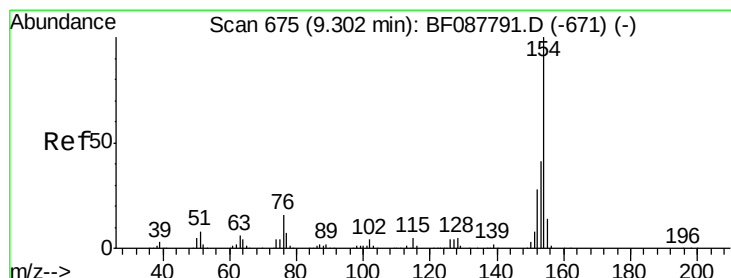
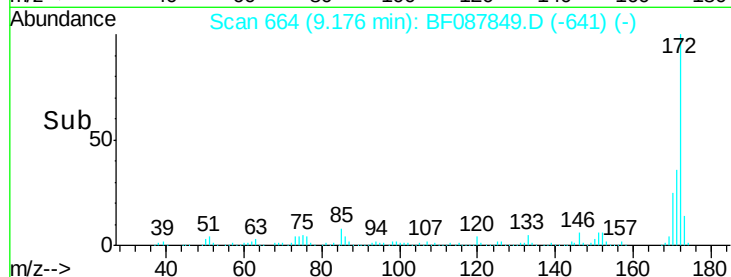
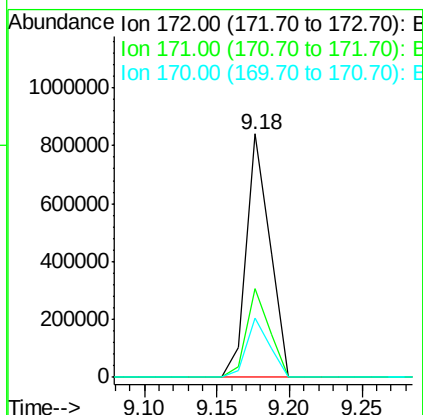
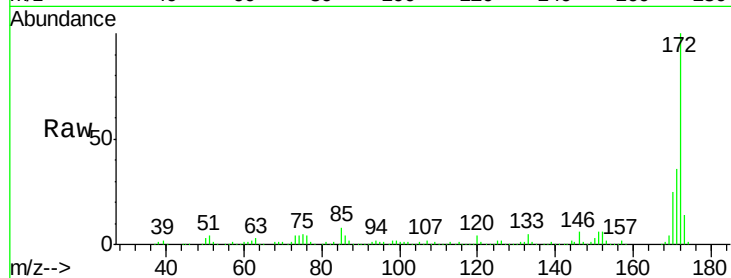




#44
2-Fluorobiphenyl
Concen: 62.30 ng
RT: 9.18 min Scan# 664
Delta R.T. -0.03 min
Lab File: BF087849.D
Acq: 9 Jun 2016 13:38

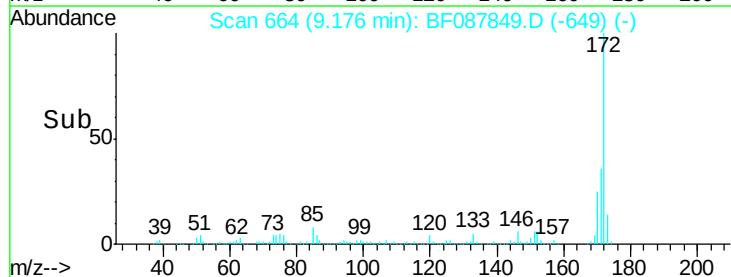
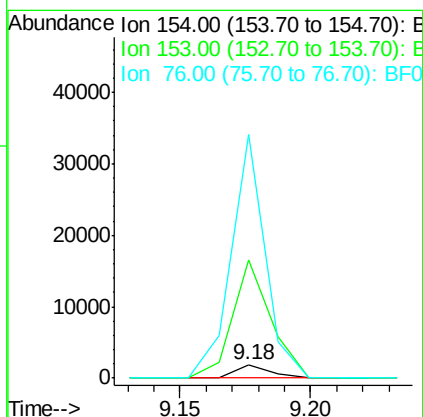
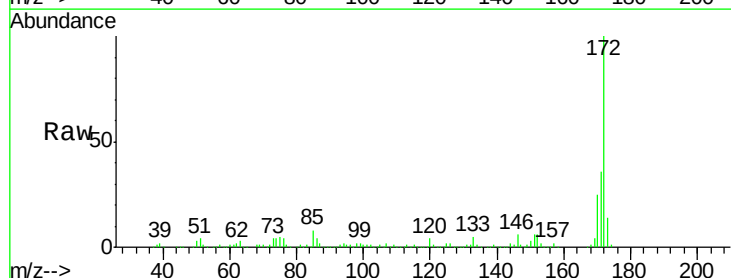
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1300-03-SE-06072016

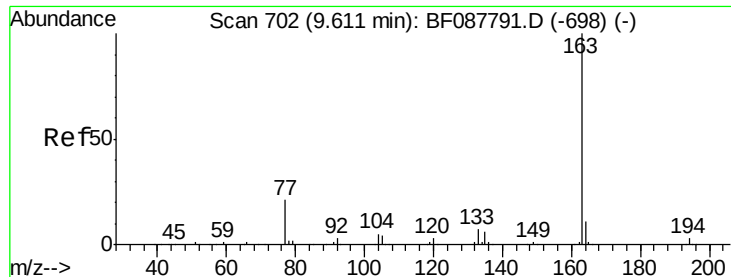
Tgt Ion:172 Resp: 944768
Ion Ratio Lower Upper
172 100
171 36.5 28.6 43.0
170 24.5 19.2 28.8



#45
1,1'-Biphenyl
Concen: Below Cal
RT: 9.18 min Scan# 664
Delta R.T. -0.12 min
Lab File: BF087849.D
Acq: 9 Jun 2016 13:38

Tgt Ion:154 Resp: 1755
Ion Ratio Lower Upper
154 100
153 873.2 20.6 60.6#
76 1793.2 0.0 35.1#

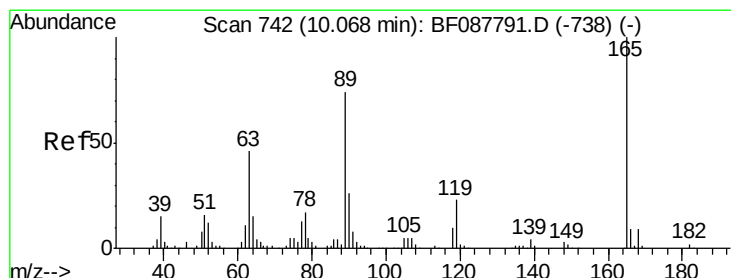
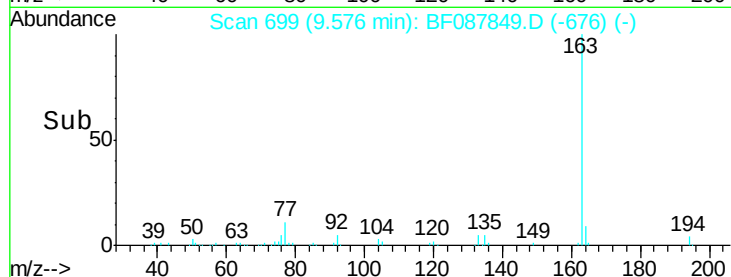
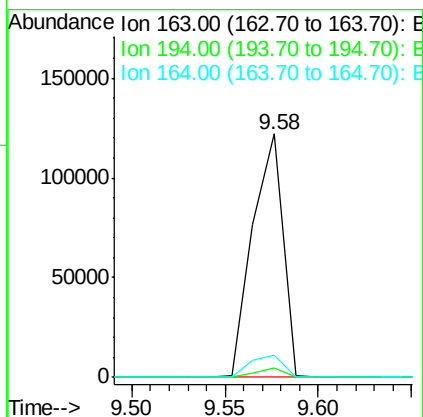
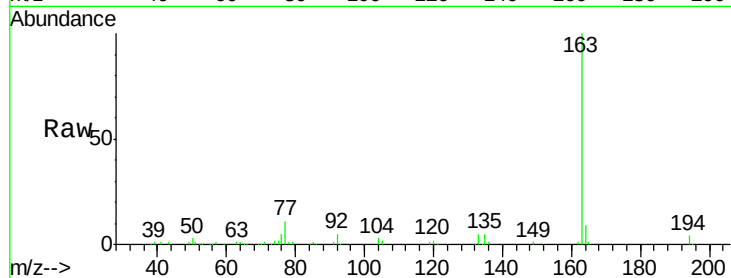




#49
Dimethylphthalate
Concen: 8.16 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.03 min
Lab File: BF087849.D
Acq: 9 Jun 2016 13:38

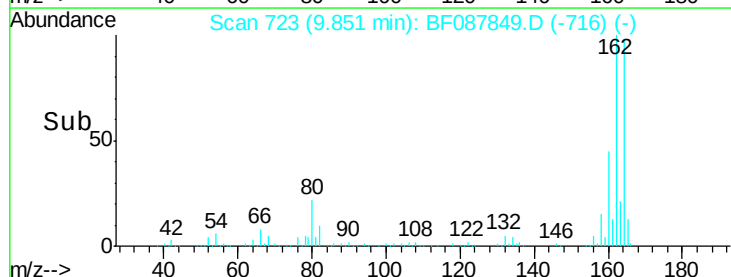
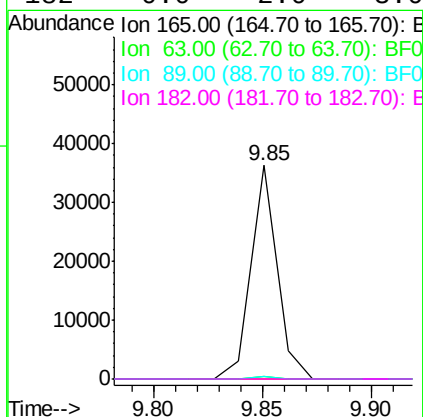
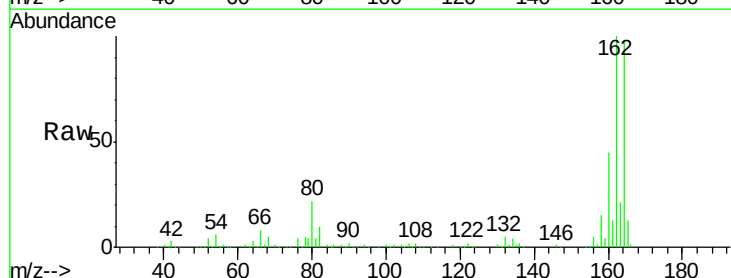
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BNA_F
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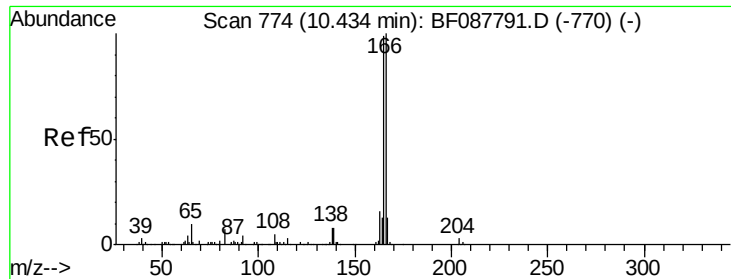
Tgt Ion:163 Resp: 137584
Ion Ratio Lower Upper
163 100
194 3.9 2.8 4.2
164 9.2 8.3 12.5



#56
2,4-Dinitrotoluene
Concen: 6.10 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.22 min
Lab File: BF087849.D
Acq: 9 Jun 2016 13:38

Tgt Ion:165 Resp: 30272
Ion Ratio Lower Upper
165 100
63 1.2 22.0 33.0#
89 1.4 41.1 61.7#
182 0.0 2.0 3.0#

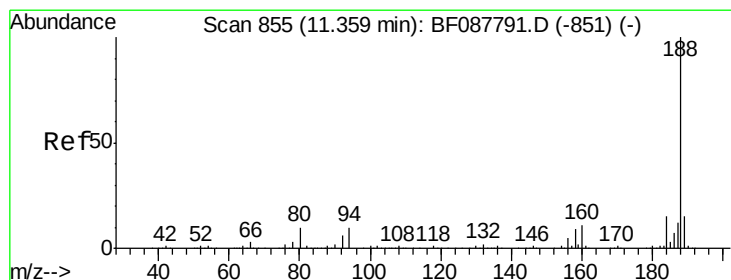
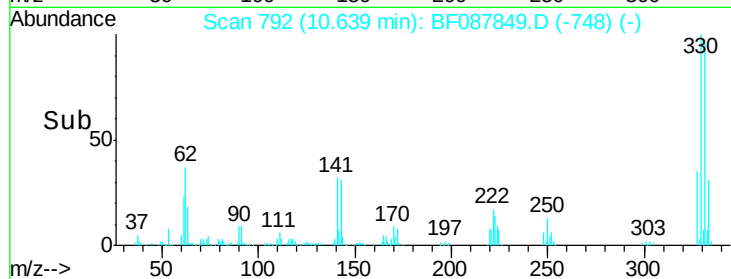
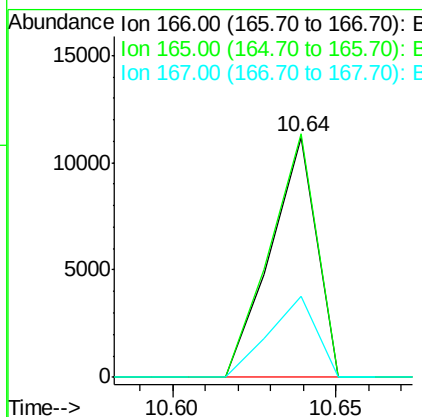
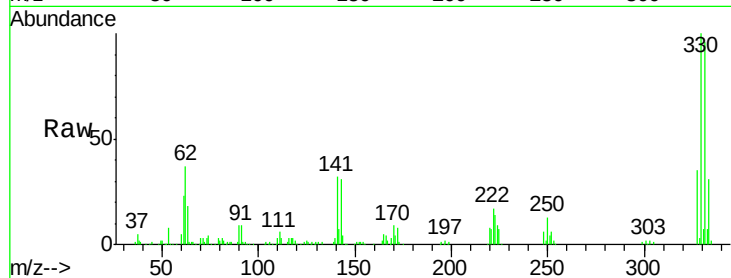




#57
Fluorene
Concen: Below Cal
RT: 10.64 min Scan# 792
Delta R.T. 0.21 min
Lab File: BF087849.D
Acq: 9 Jun 2016 13:38

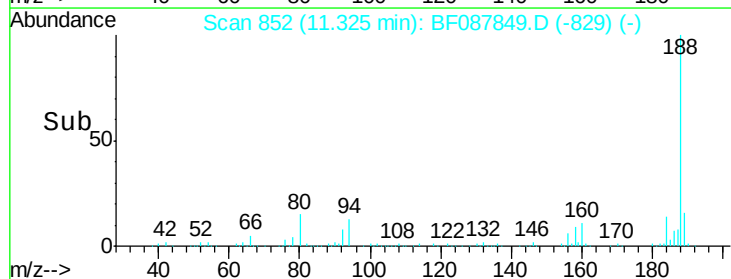
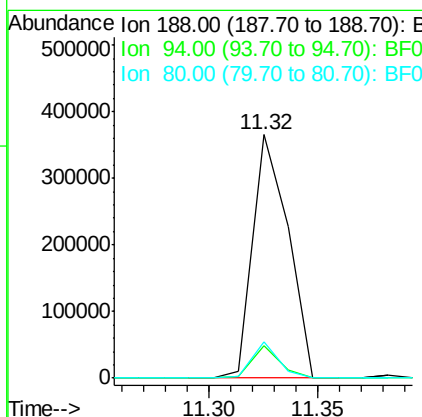
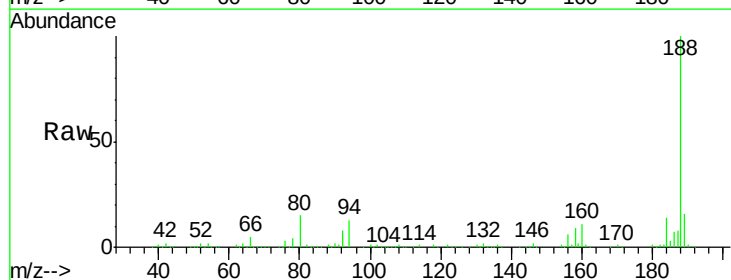
Instrument :
BNA_F
ClientSampleId :
1300-03-SE-06072016

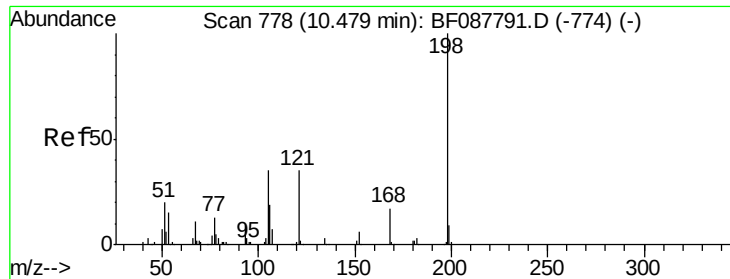
Tgt Ion:166 Resp: 10956
Ion Ratio Lower Upper
166 100
165 101.4 77.8 116.8
167 33.9 11.2 16.8#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.03 min
Lab File: BF087849.D
Acq: 9 Jun 2016 13:38

Tgt Ion:188 Resp: 414671
Ion Ratio Lower Upper
188 100
94 13.4 9.0 13.6
80 14.8 10.0 15.0

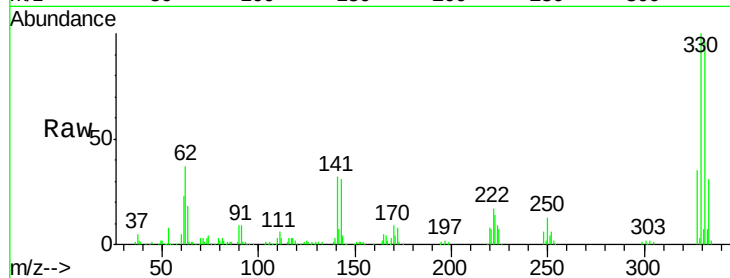




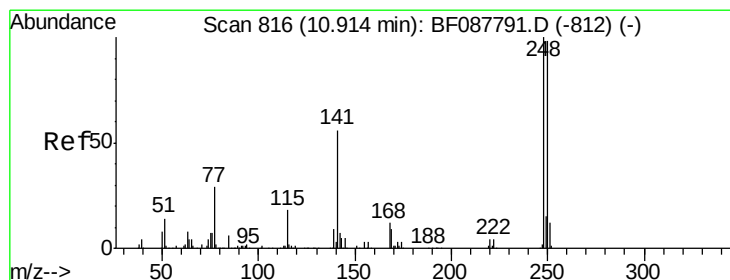
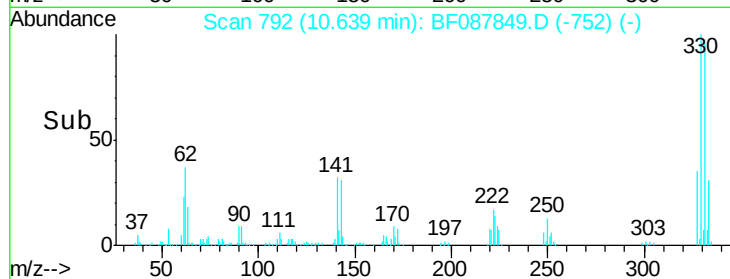
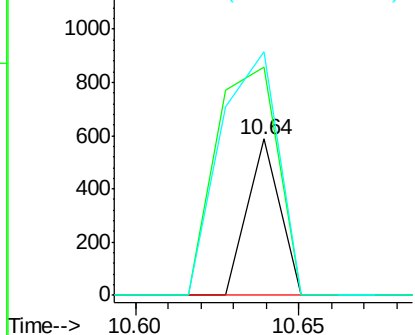
#64
4,6-Dinitro-2-methylphenol
Concen: 2.31 ng
RT: 10.64 min Scan# 792
Delta R.T. 0.16 min
Lab File: BF087849.D
Acq: 9 Jun 2016 13:38

Instrument :
BNA_F
ClientSampleId :
1300-03-SE-06072016

Tgt Ion:198 Resp: 403
Ion Ratio Lower Upper
198 100
51 145.6 39.6 79.6#
105 155.4 36.6 76.6#

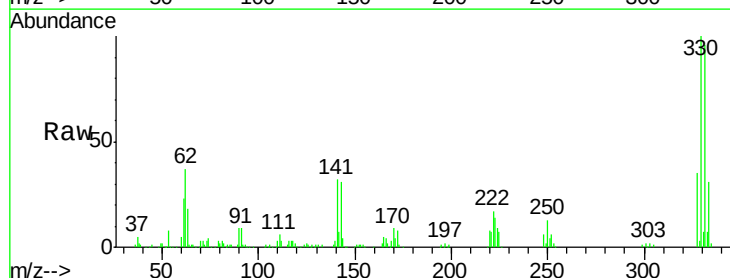


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

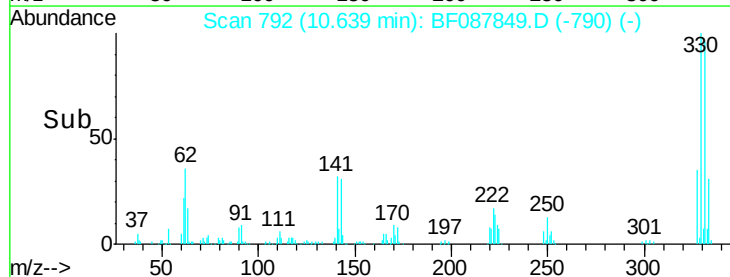
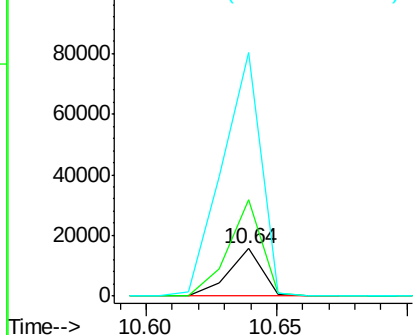


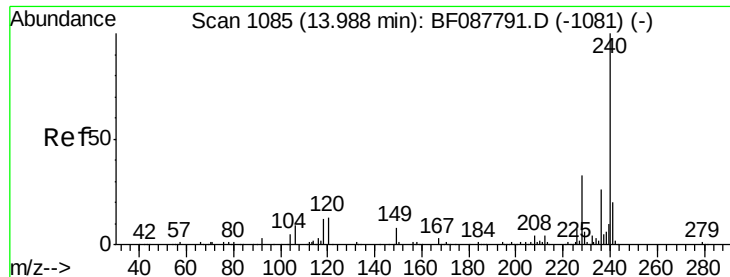
#66
4-Bromophenyl-phenylether
Concen: 3.16 ng
RT: 10.64 min Scan# 792
Delta R.T. -0.27 min
Lab File: BF087849.D
Acq: 9 Jun 2016 13:38

Tgt Ion:248 Resp: 14047
Ion Ratio Lower Upper
248 100
250 202.0 77.1 115.7#
141 512.7 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: 13.95 min Scan# 1082

Delta R.T. -0.03 min

Lab File: BF087849.D

Acq: 9 Jun 2016 13:38

Instrument :

BNA_F

ClientSampleId :

1300-03-SE-06072016

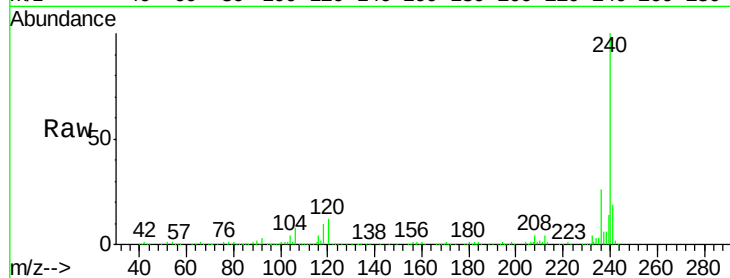
Tgt Ion:240 Resp: 316264

Ion Ratio Lower Upper

240 100

120 11.6 6.8 10.2#

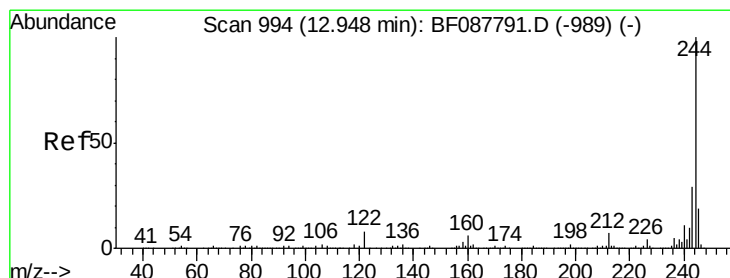
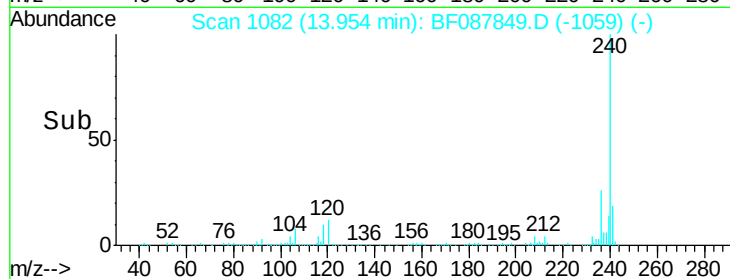
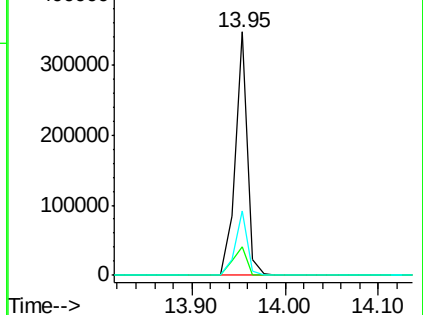
236 26.2 20.2 30.2



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: 58.24 ng

RT: 12.91 min Scan# 991

Delta R.T. -0.03 min

Lab File: BF087849.D

Acq: 9 Jun 2016 13:38

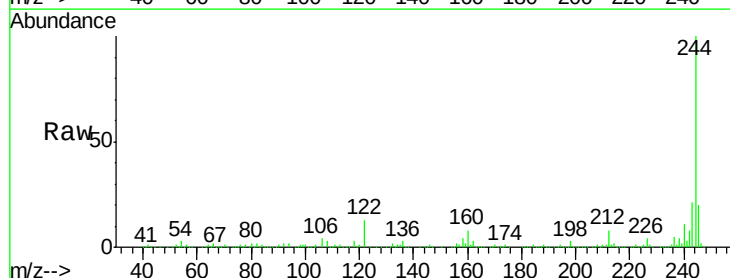
Tgt Ion:244 Resp: 809376

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

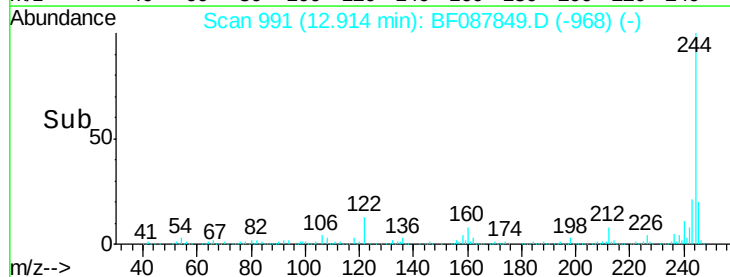
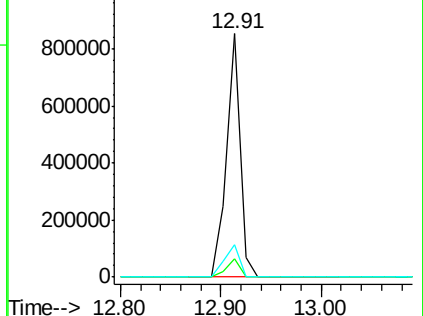
122 13.2 11.2 16.8

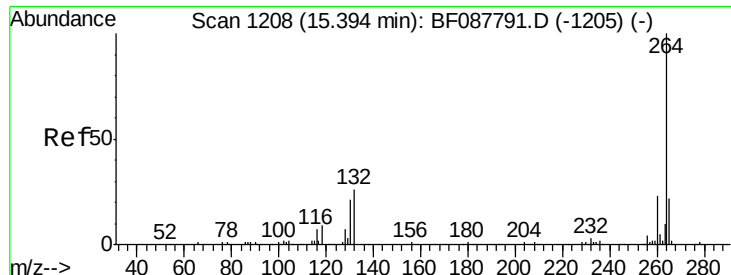


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

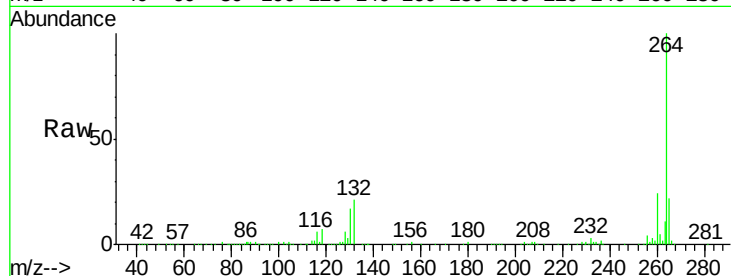




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1205
Delta R.T. -0.03 min
Lab File: BF087849.D
Acq: 9 Jun 2016 13:38

Instrument :
BNA_F
ClientSampleId :
1300-03-SE-06072016

Tgt Ion: 264 Resp: 243214
Ion Ratio Lower Upper
264 100
260 23.9 19.2 28.8
265 21.8 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

