

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061516\
 Data File : BF088044.D
 Acq On : 15 Jun 2016 20:08
 Operator : UM/SJ
 Sample : H3609-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 181-03-NE-06142016

Quant Time: Jun 16 03:09:05 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 14:10:49 2016
 Response via : Initial Calibration

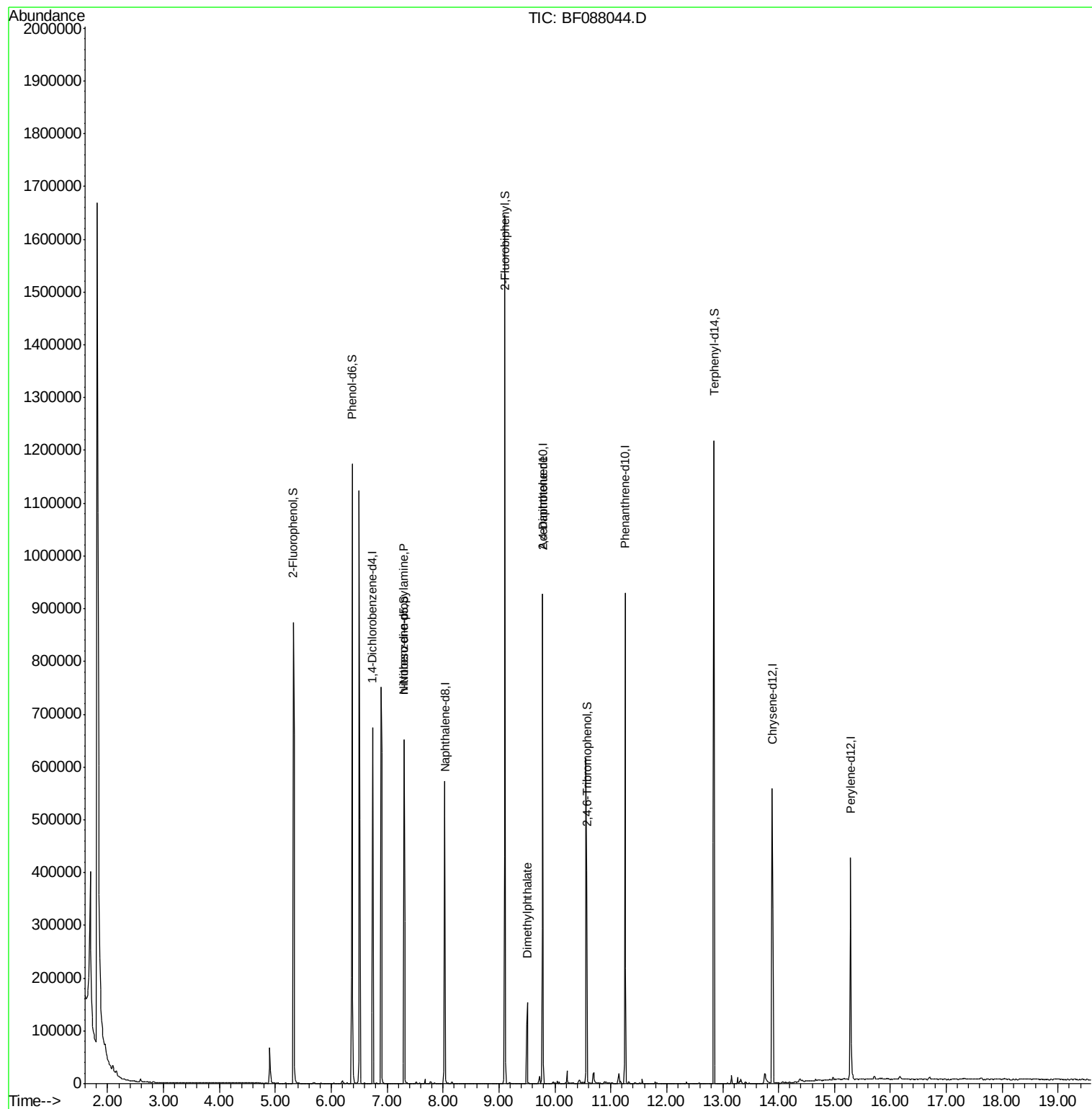
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	104585	20.00	ng	-0.05
21) Naphthalene-d8	8.03	136	400882	20.00	ng	-0.05
38) Acenaphthene-d10	9.78	164	190205	20.00	ng	-0.06
63) Phenanthrene-d10	11.26	188	326267	20.00	ng	-0.06
75) Chrysene-d12	13.89	240	226037	20.00	ng	-0.07
86) Perylene-d12	15.29	264	200655	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	349856	57.19	ng	-0.06
7) Phenol-d6	6.38	99	409835	55.28	ng	-0.06
23) Nitrobenzene-d5	7.30	82	245556	35.77	ng	-0.06
41) 2,4,6-Tribromophenol	10.57	330	94325	46.97	ng	-0.06
44) 2-Fluorobiphenyl	9.11	172	513303	39.43	ng	-0.06
78) Terphenyl-d14	12.85	244	401101	40.38	ng	-0.06
Target Compounds						
10) Phenol	6.39	94	7321	Below Cal	#	72
19) n-Nitroso-di-n-propylamine	7.30	70	30660	6.46 ng	#	73
45) 1,1'-Biphenyl	9.11	154	1049	Below Cal	#	1
49) Dimethylphthalate	9.51	163	92535	6.72 ng		98
56) 2,4-Dinitrotoluene	9.78	165	24189	5.97 ng	#	37
57) Fluorene	10.56	166	4635	Below Cal	#	85

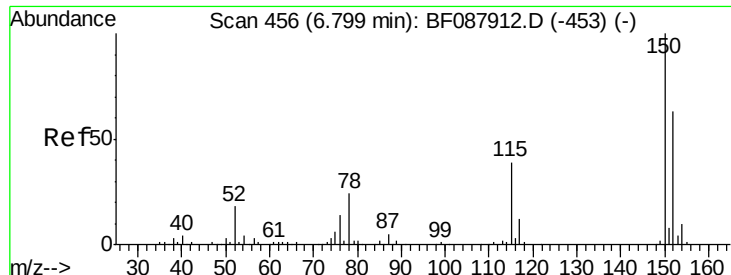
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 451

Delta R.T. -0.05 min

Lab File: BF088044.D

Acq: 15 Jun 2016 20:08

Instrument :

BNA_F

ClientSampleId :

181-03-NE-06142016

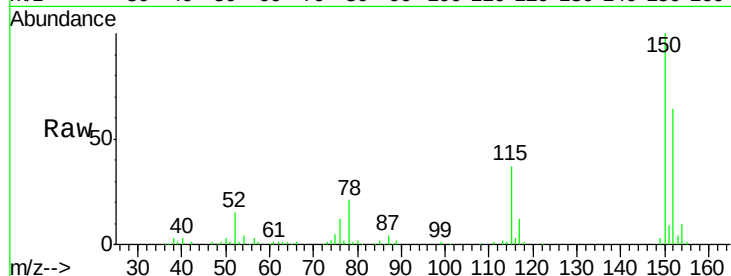
Tgt Ion:152 Resp: 104585

Ion Ratio Lower Upper

152 100

150 155.4 123.8 185.6

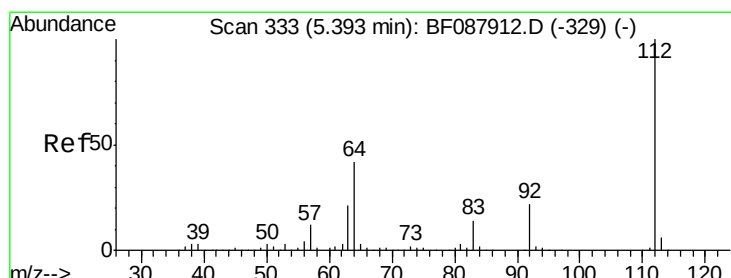
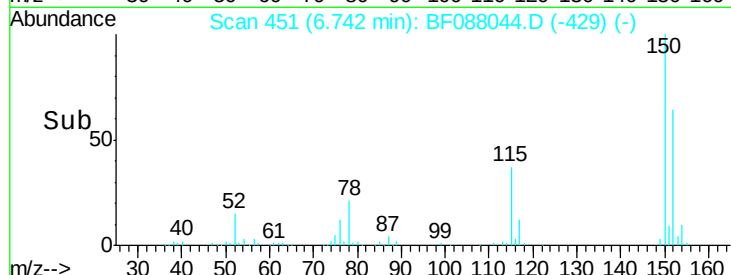
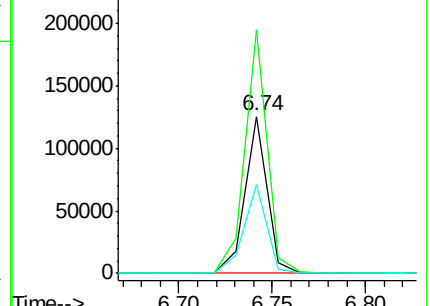
115 57.0 39.6 59.4



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: 57.19 ng

RT: 5.32 min Scan# 327

Delta R.T. -0.06 min

Lab File: BF088044.D

Acq: 15 Jun 2016 20:08

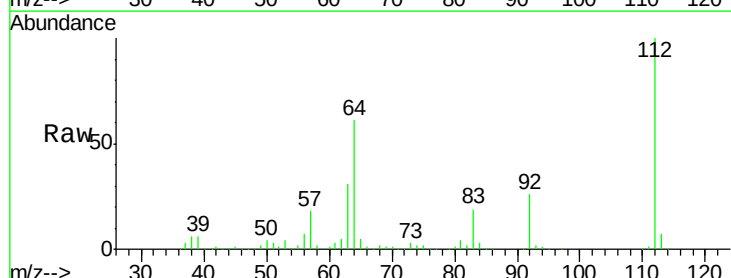
Tgt Ion:112 Resp: 349856

Ion Ratio Lower Upper

112 100

64 61.1 42.2 63.2

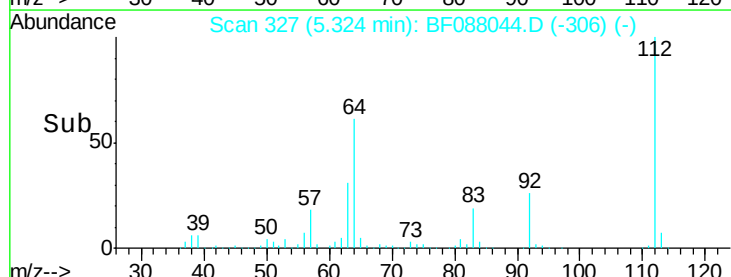
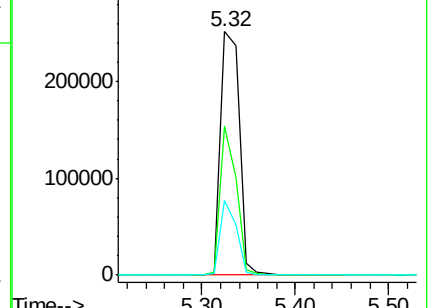
63 30.8 21.8 32.8

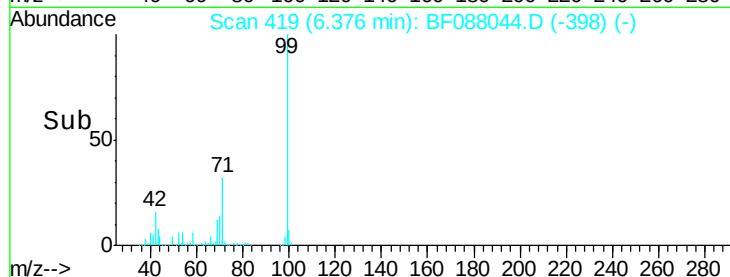
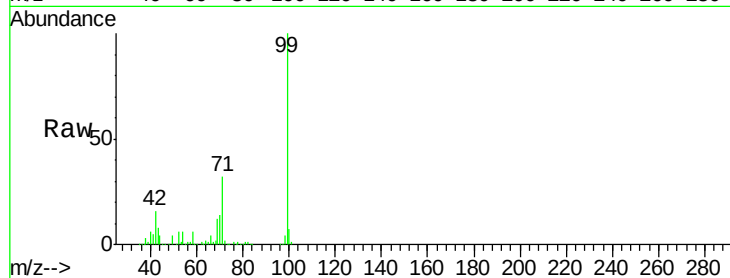
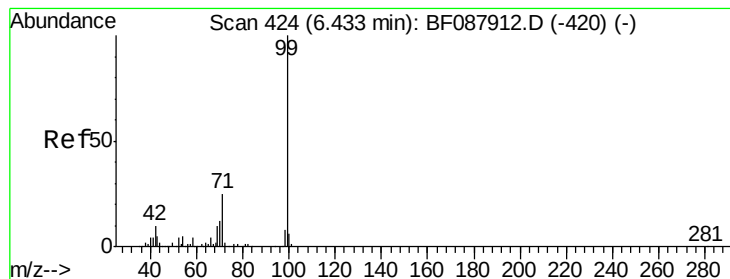


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 55.28 ng

RT: 6.38 min Scan# 419

Delta R.T. -0.06 min

Lab File: BF088044.D

Acq: 15 Jun 2016 20:08

Instrument :

BNA_F

ClientSampleId :

181-03-NE-06142016

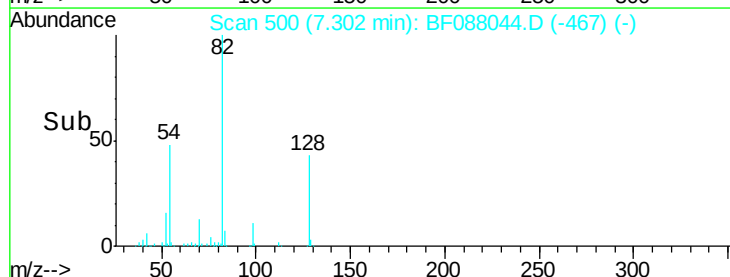
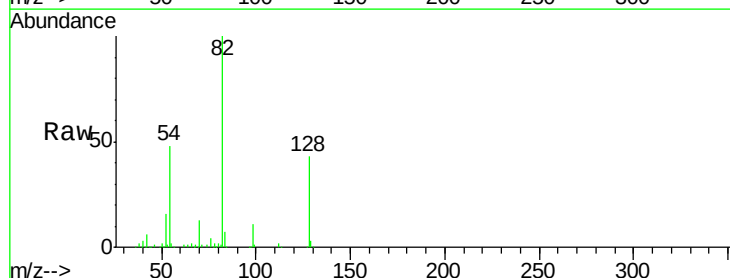
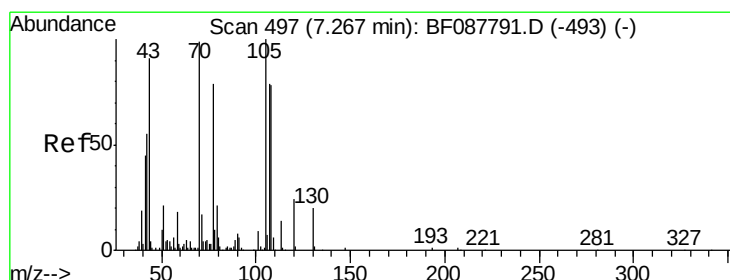
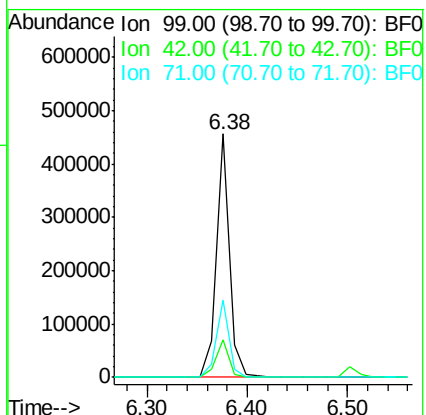
Tgt Ion: 99 Resp: 409835

Ion Ratio Lower Upper

99 100

42 15.7 12.2 18.2

71 31.5 23.4 35.0



#19

n-Nitroso-di-n-propylamine

Concen: 6.46 ng

RT: 7.30 min Scan# 500

Delta R.T. 0.08 min

Lab File: BF088044.D

Acq: 15 Jun 2016 20:08

Tgt Ion: 70 Resp: 30660

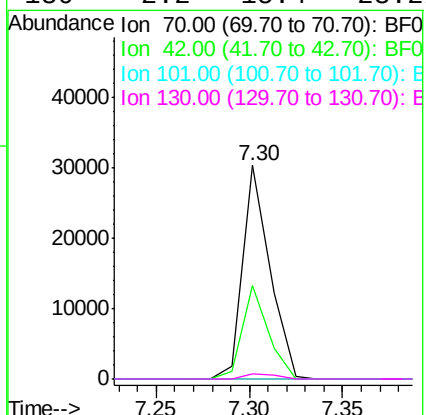
Ion Ratio Lower Upper

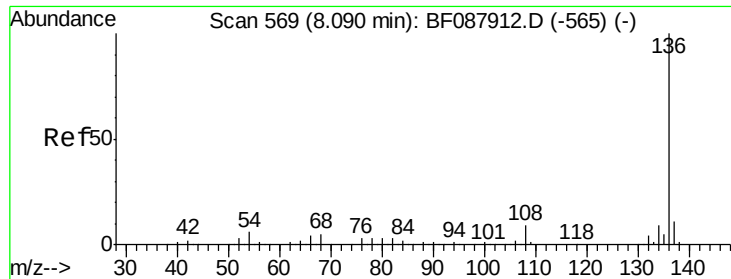
70 100

42 43.5 49.6 74.4#

101 0.0 7.1 10.7#

130 2.2 15.4 23.2#

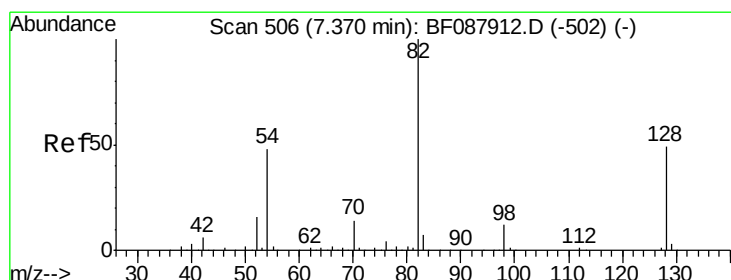
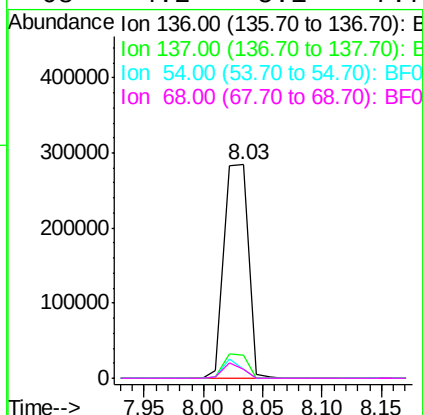
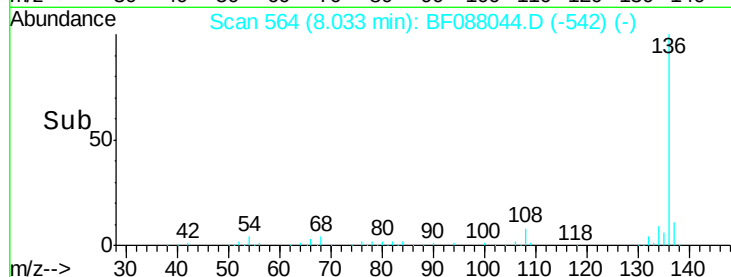
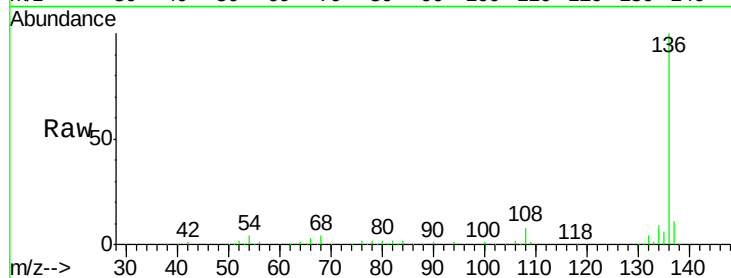




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 564
Delta R.T. -0.05 min
Lab File: BF088044.D
Acq: 15 Jun 2016 20:08

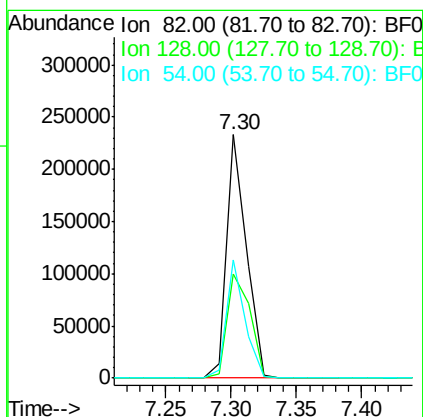
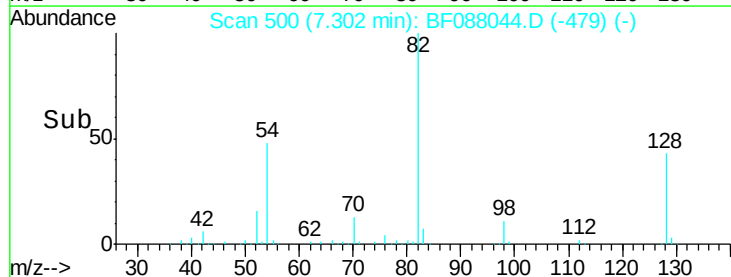
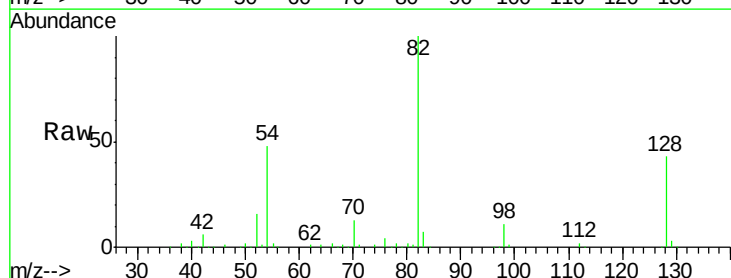
Instrument :
BNA_F
ClientSampleId :
181-03-NE-06142016

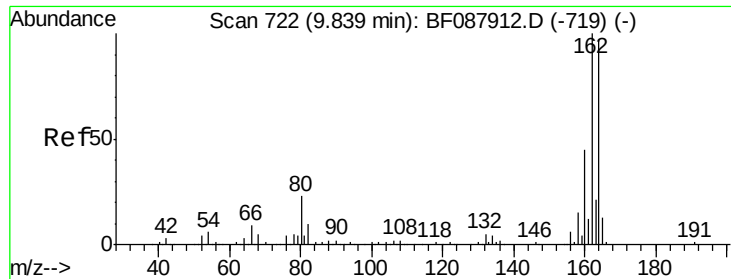
Tgt Ion: 136 Resp: 400882
Ion Ratio Lower Upper
136 100
137 10.5 9.1 13.7
54 4.4 6.6 10.0#
68 4.2 5.1 7.7#



#23
Nitrobenzene-d5
Concen: 35.77 ng
RT: 7.30 min Scan# 500
Delta R.T. -0.06 min
Lab File: BF088044.D
Acq: 15 Jun 2016 20:08

Tgt Ion: 82 Resp: 245556
Ion Ratio Lower Upper
82 100
128 42.8 35.9 53.9
54 48.4 40.9 61.3

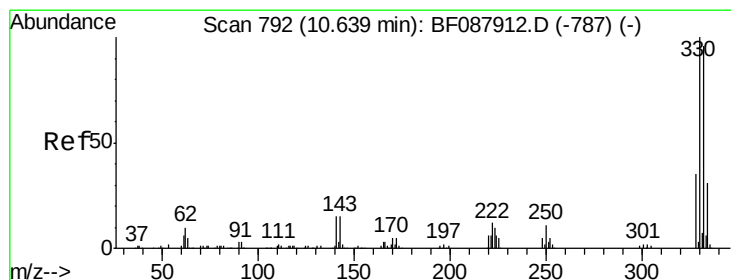
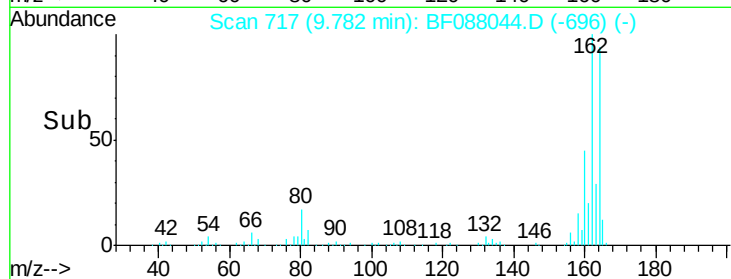
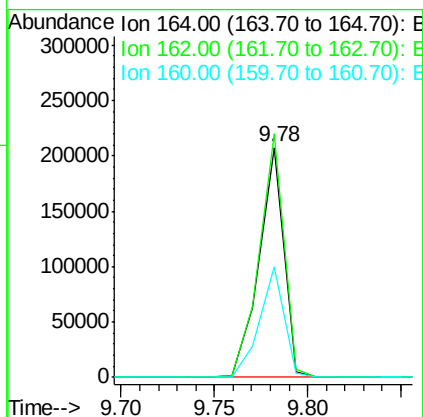
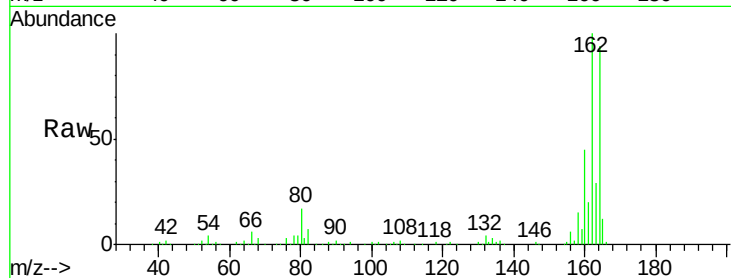




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.06 min
Lab File: BF088044.D
Acq: 15 Jun 2016 20:08

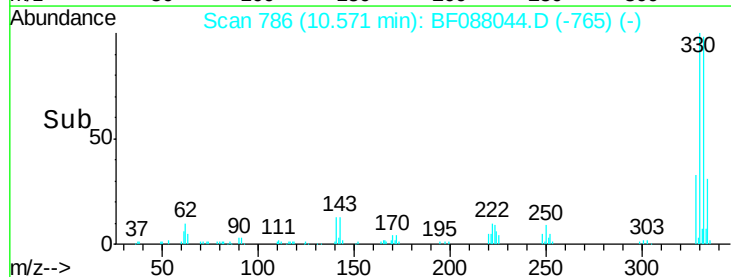
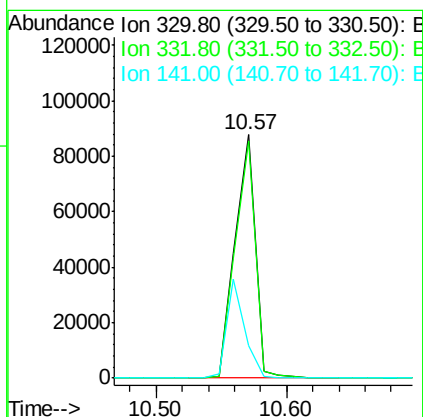
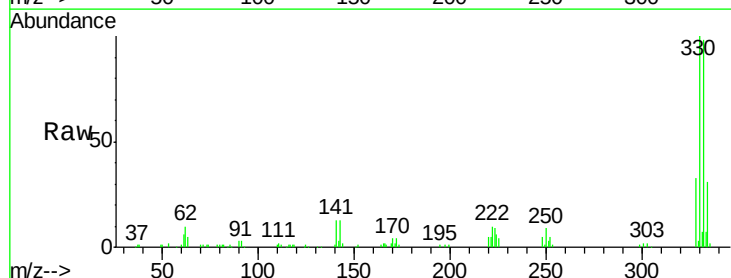
Instrument :
BNA_F
ClientSampleId :
181-03-NE-06142016

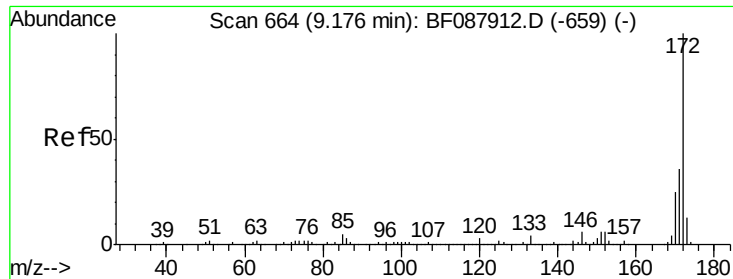
Tgt Ion:164 Resp: 190205
Ion Ratio Lower Upper
164 100
162 105.9 85.4 128.2
160 47.8 39.5 59.3



#41
2,4,6-Tribromophenol
Concen: 46.97 ng
RT: 10.57 min Scan# 786
Delta R.T. -0.06 min
Lab File: BF088044.D
Acq: 15 Jun 2016 20:08

Tgt Ion:330 Resp: 94325
Ion Ratio Lower Upper
330 100
332 97.2 0.0 0.0#
141 35.8 0.0 0.0#

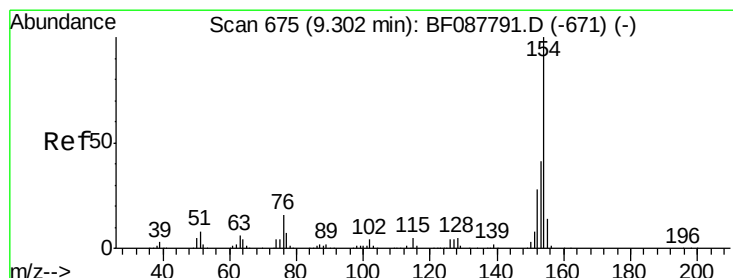
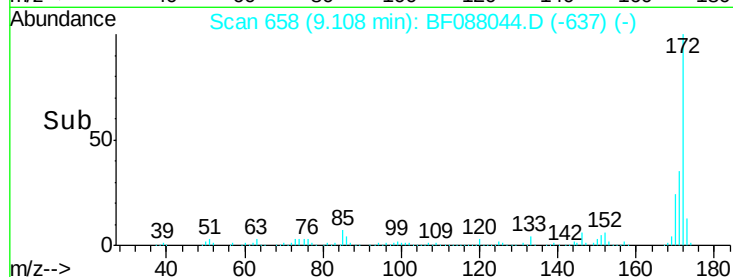
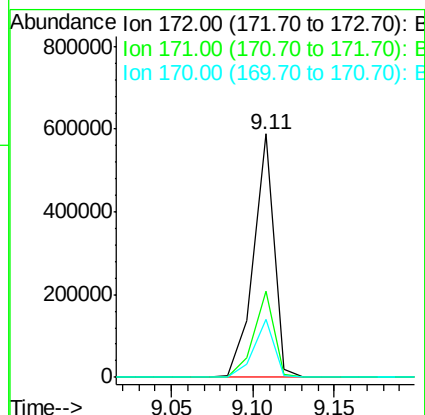
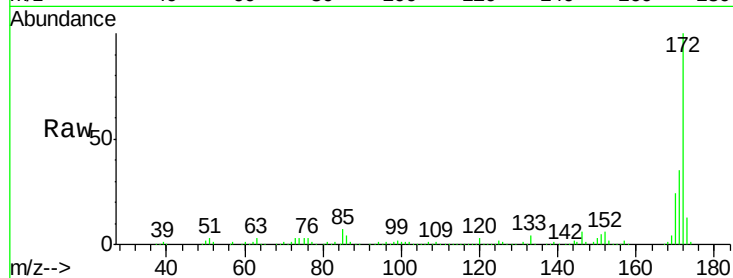




#44
2-Fluorobiphenyl
Concen: 39.43 ng
RT: 9.11 min Scan# 658
Delta R.T. -0.06 min
Lab File: BF088044.D
Acq: 15 Jun 2016 20:08

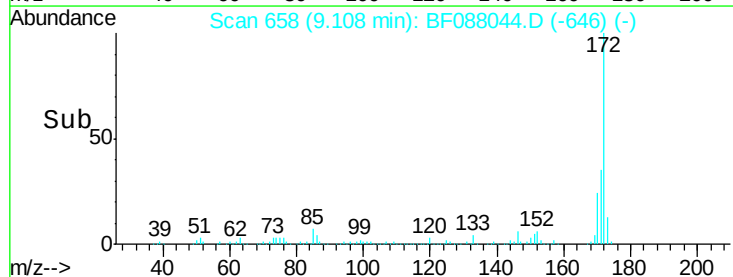
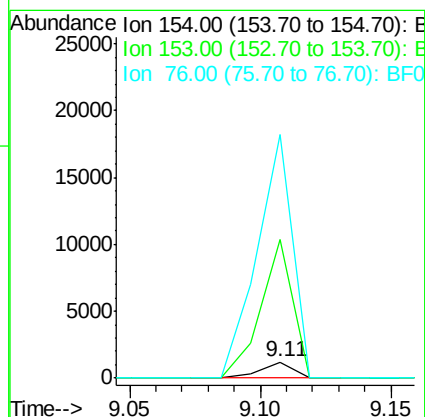
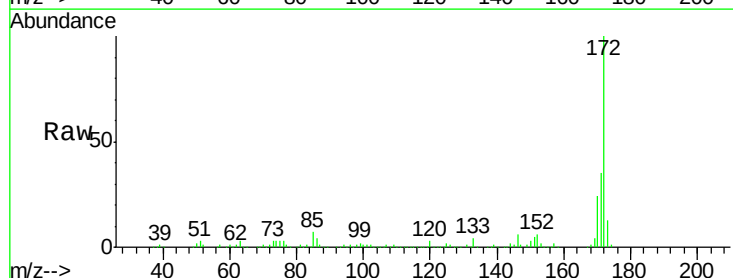
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ClientSampleId :
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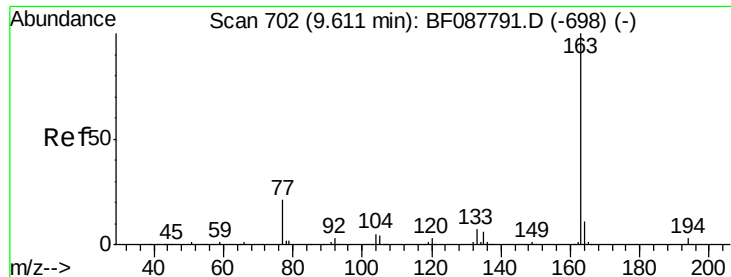
Tgt Ion:172 Resp: 513303
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 23.7 19.2 28.8



#45
1,1'-Biphenyl
Concen: Below Cal
RT: 9.11 min Scan# 658
Delta R.T. -0.16 min
Lab File: BF088044.D
Acq: 15 Jun 2016 20:08

Tgt Ion:154 Resp: 1049
Ion Ratio Lower Upper
154 100
153 858.1 20.6 60.6#
76 1506.0 0.0 35.1#





#49

Dimethylphthalate

Concen: 6.72 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.06 min

Lab File: BF088044.D

Acq: 15 Jun 2016 20:08

Instrument :

BNA_F

ClientSampleId :

181-03-NE-06142016

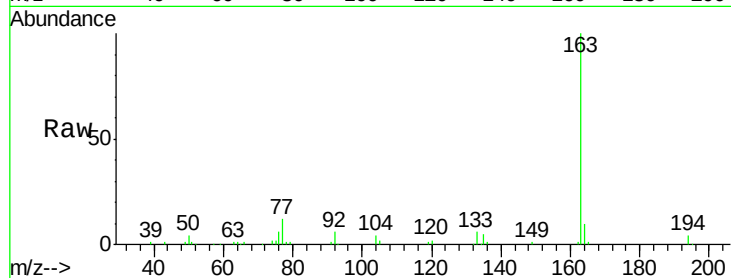
Tgt Ion:163 Resp: 92535

Ion Ratio Lower Upper

163 100

194 3.9 2.8 4.2

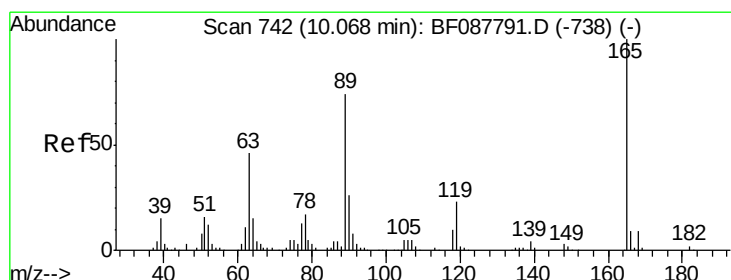
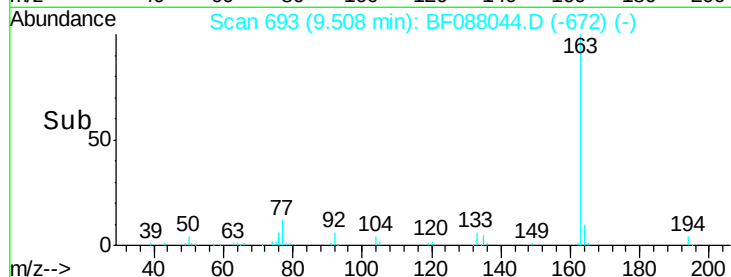
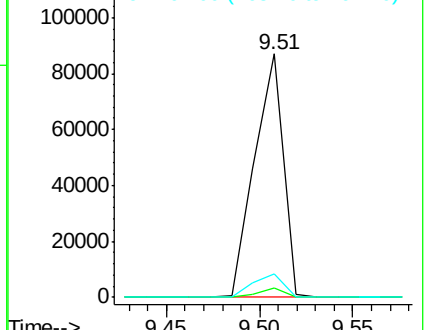
164 9.6 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#56

2,4-Dinitrotoluene

Concen: 5.97 ng

RT: 9.78 min Scan# 717

Delta R.T. -0.25 min

Lab File: BF088044.D

Acq: 15 Jun 2016 20:08

Tgt Ion:165 Resp: 24189

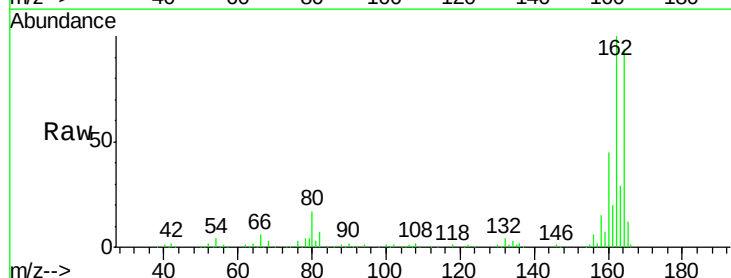
Ion Ratio Lower Upper

165 100

63 1.1 22.0 33.0#

89 1.3 41.1 61.7#

182 0.0 2.0 3.0#

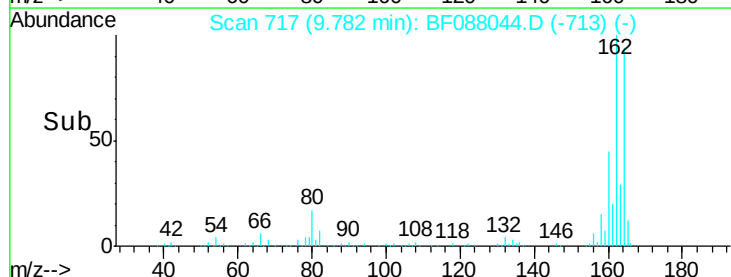
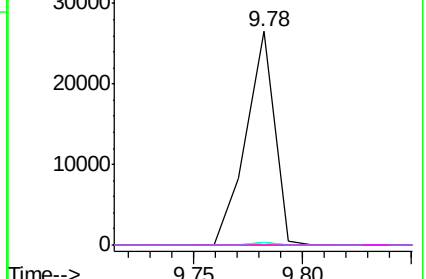


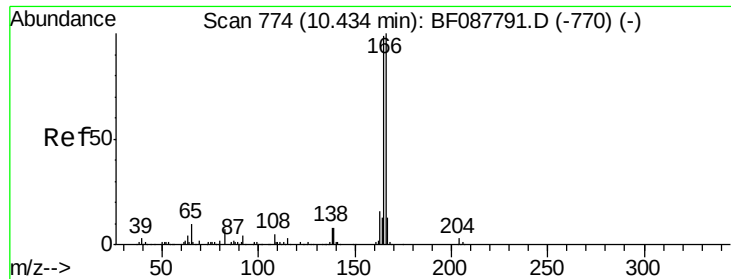
Abundance Ion 165.00 (164.70 to 165.70): E

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

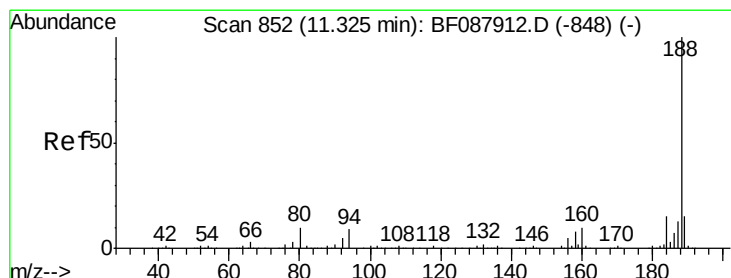
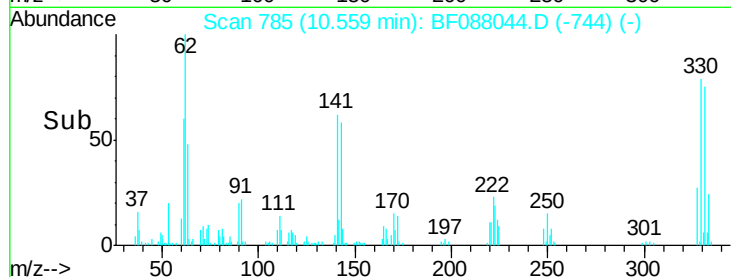
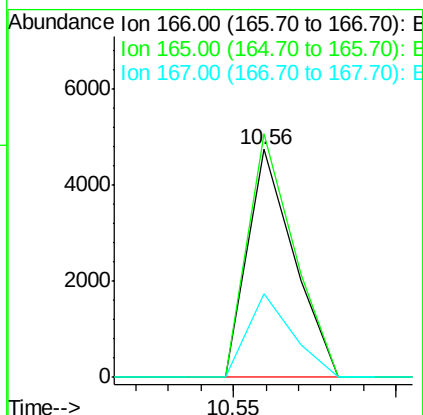
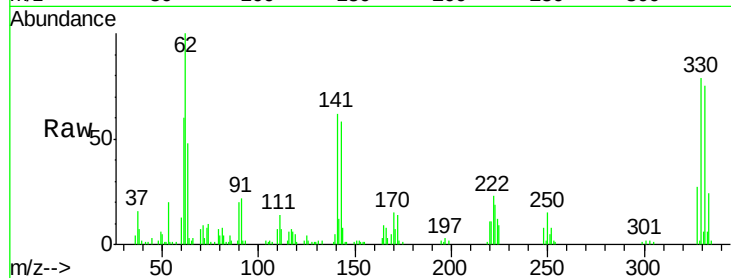




#57
 Fluorene
 Concen: Below Cal
 RT: 10.56 min Scan# 785
 Delta R.T. 0.17 min
 Lab File: BF088044.D
 Acq: 15 Jun 2016 20:08

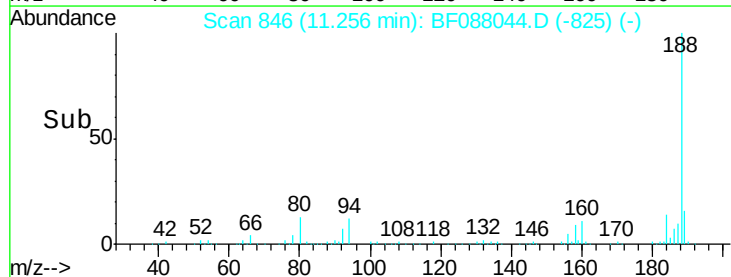
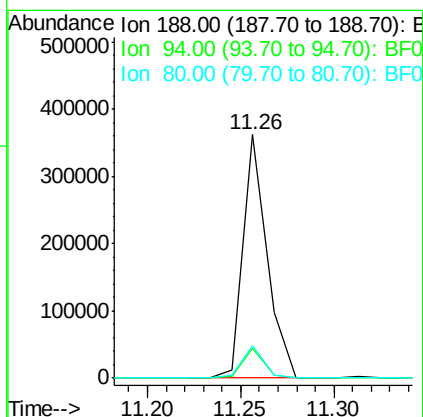
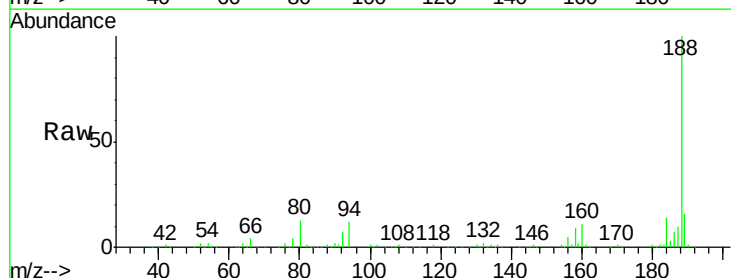
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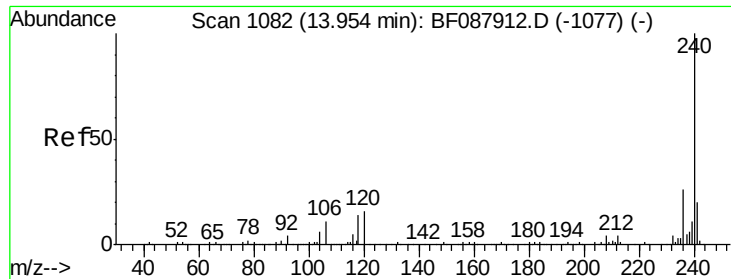
Tgt Ion:166 Resp: 4635
 Ion Ratio Lower Upper
 166 100
 165 106.9 77.8 116.8
 167 36.6 11.2 16.8#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.26 min Scan# 846
 Delta R.T. -0.06 min
 Lab File: BF088044.D
 Acq: 15 Jun 2016 20:08

Tgt Ion:188 Resp: 326267
 Ion Ratio Lower Upper
 188 100
 94 12.3 9.0 13.6
 80 13.2 10.0 15.0

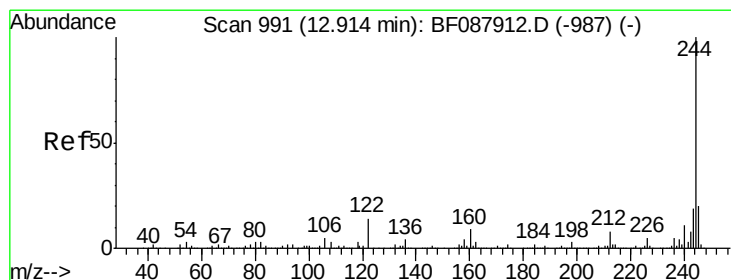
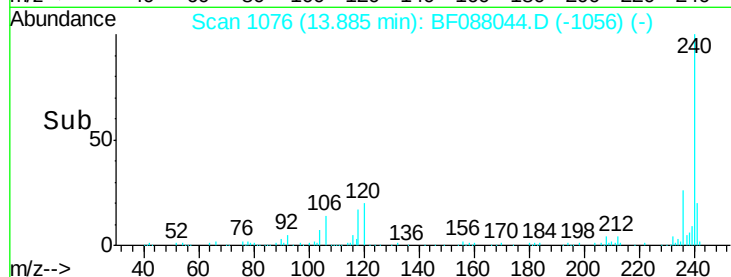
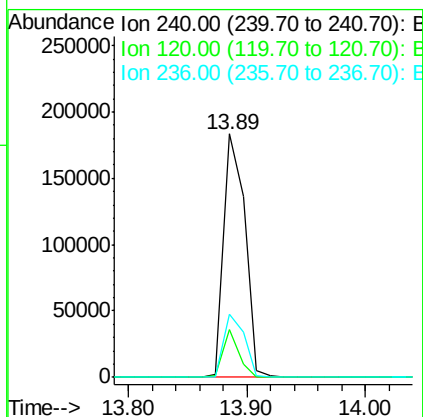
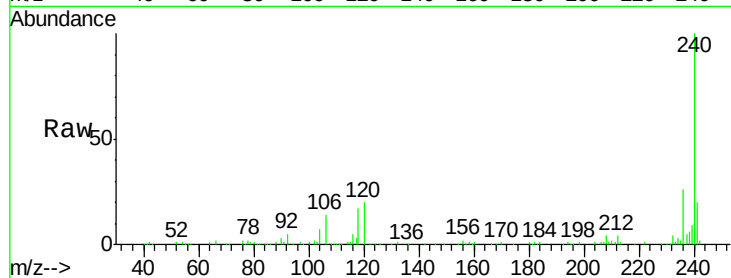




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1076
Delta R.T. -0.07 min
Lab File: BF088044.D
Acq: 15 Jun 2016 20:08

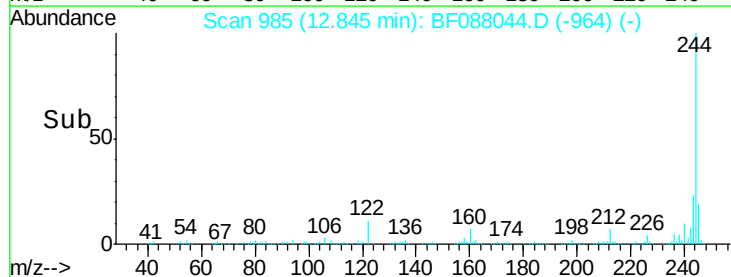
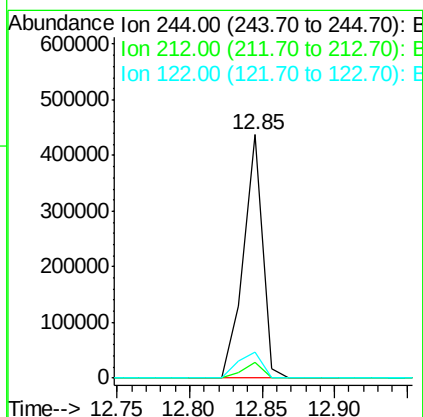
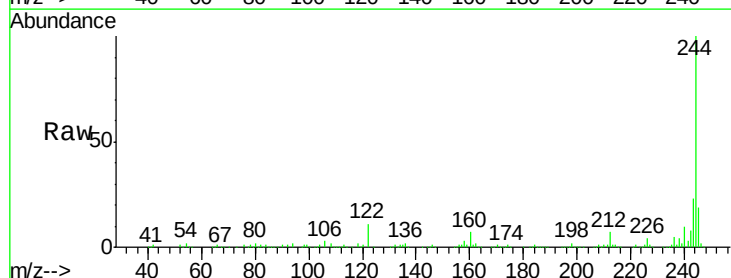
Instrument :
BNA_F
ClientSampleId :
181-03-NE-06142016

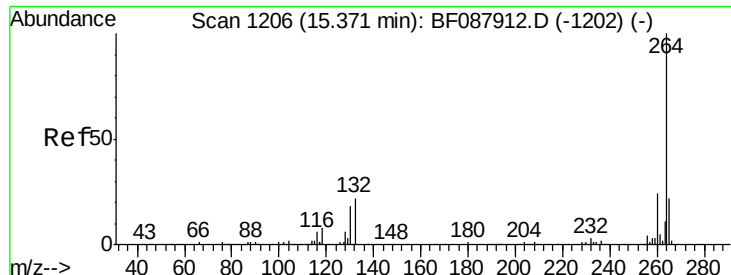
Tgt Ion:240 Resp: 226037
Ion Ratio Lower Upper
240 100
120 19.5 6.8 10.2#
236 25.8 20.2 30.2



#78
Terphenyl-d14
Concen: 40.38 ng
RT: 12.85 min Scan# 985
Delta R.T. -0.06 min
Lab File: BF088044.D
Acq: 15 Jun 2016 20:08

Tgt Ion:244 Resp: 401101
Ion Ratio Lower Upper
244 100
212 6.7 6.0 9.0
122 10.6 11.2 16.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1199
Delta R.T. -0.07 min
Lab File: BF088044.D
Acq: 15 Jun 2016 20:08

Instrument :
BNA_F
ClientSampleId :
181-03-NE-06142016

Tgt Ion: 264 Resp: 200655
Ion Ratio Lower Upper
264 100
260 23.5 19.2 28.8
265 21.5 16.9 25.3

