

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070716\
 Data File : BF088796.D
 Acq On : 7 Jul 2016 23:36
 Operator : UM/SJ
 Sample : H3889-03 20X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-3

Quant Time: Jul 08 01:44:47 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 05 17:15:08 2016
 Response via : Initial Calibration

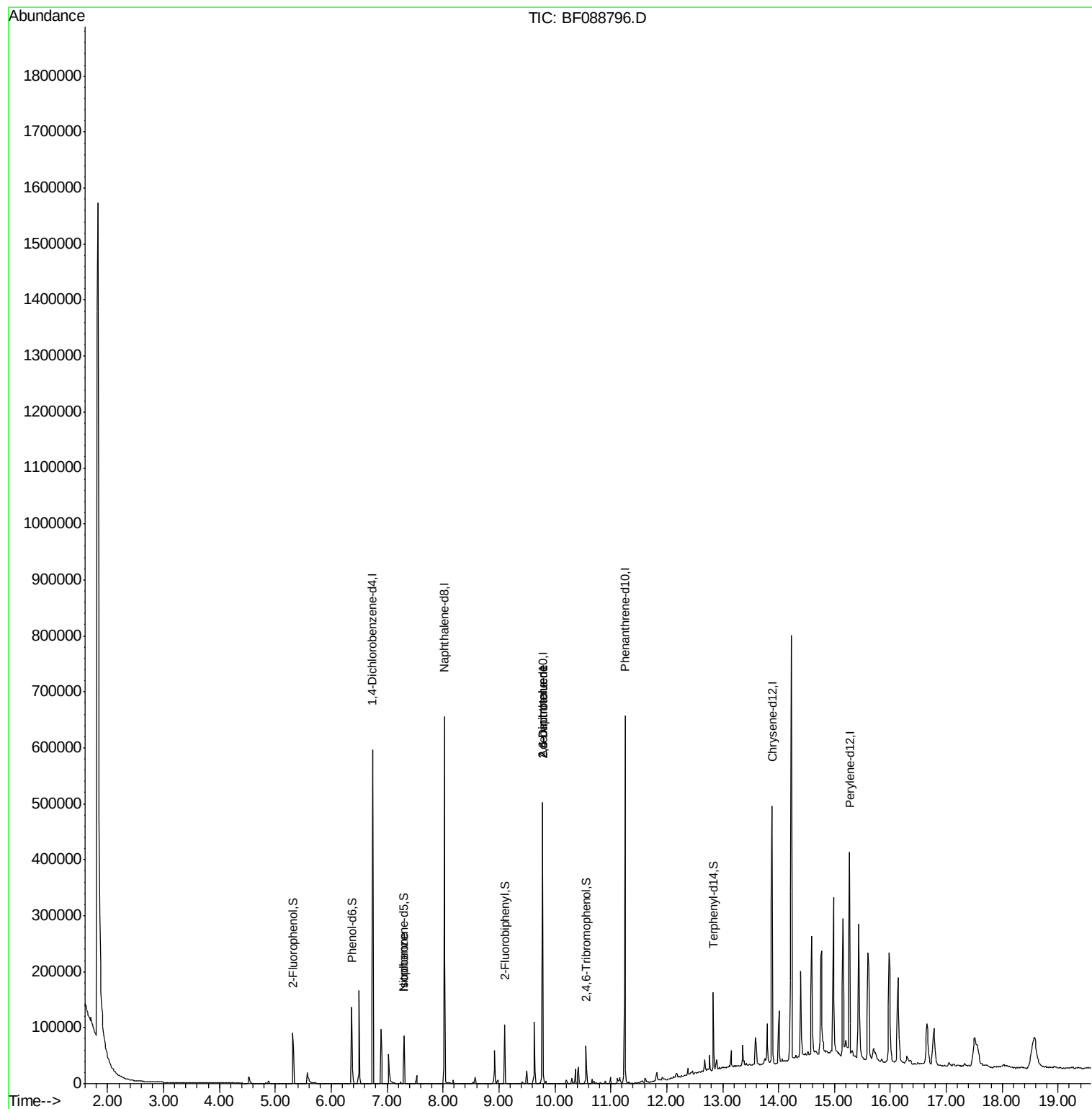
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	87890	20.00	ng	-0.03
21) Naphthalene-d8	8.02	136	306414	20.00	ng	-0.05
38) Acenaphthene-d10	9.78	164	131183	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	229795	20.00	ng	-0.03
75) Chrysene-d12	13.89	240	185283	20.00	ng	-0.03
86) Perylene-d12	15.27	264	145675	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	34353	5.86	ng	-0.06
7) Phenol-d6	6.36	99	48335	6.38	ng	-0.05
23) Nitrobenzene-d5	7.30	82	28644	4.90	ng	-0.05
41) 2,4,6-Tribromophenol	10.56	330	7357	6.04	ng	-0.05
44) 2-Fluorobiphenyl	9.11	172	52380	6.31	ng	-0.03
78) Terphenyl-d14	12.83	244	38905	4.68	ng	-0.03
Target Compounds						
25) Isophorone	7.30	82	22545	2.08	ng	# 65
50) 2,6-Dinitrotoluene	9.78	165	16140	7.79	ng	# 37
56) 2,4-Dinitrotoluene	9.78	165	16140	5.96	ng	# 36

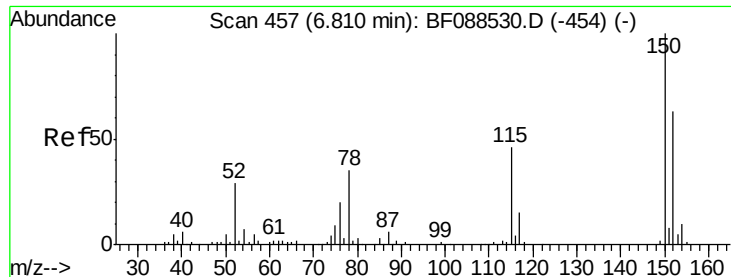
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 451

Delta R.T. -0.03 min

Lab File: BF088796.D

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ClientSampleId :

SS-3

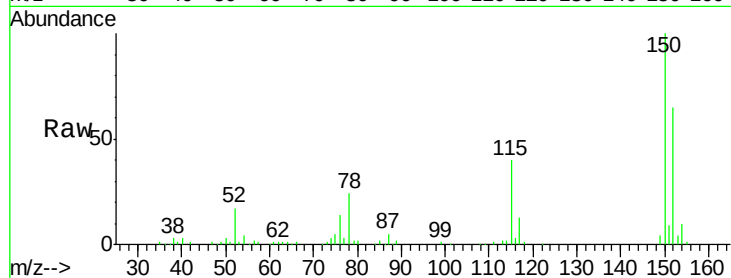
Tgt Ion:152 Resp: 87890

Ion Ratio Lower Upper

152 100

150 153.3 123.8 185.6

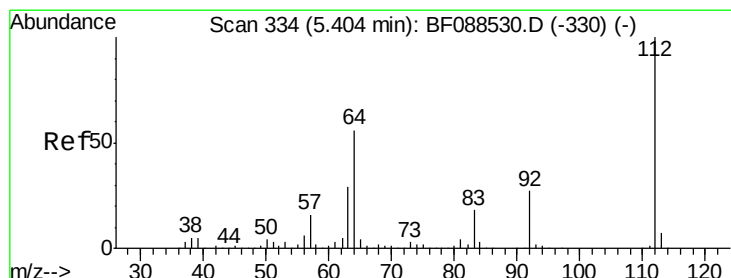
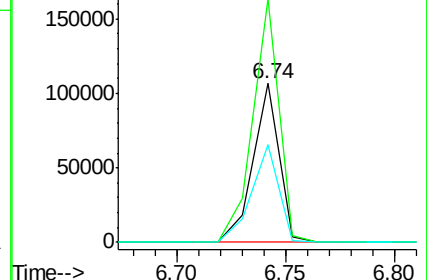
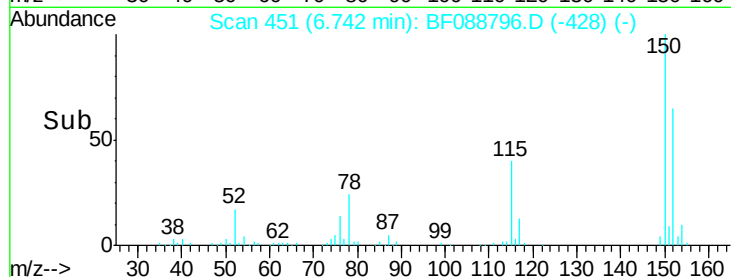
115 61.2 39.6 59.4#



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: 5.86 ng

RT: 5.31 min Scan# 326

Delta R.T. -0.06 min

Lab File: BF088796.D

Acq: 7 Jul 2016 23:36

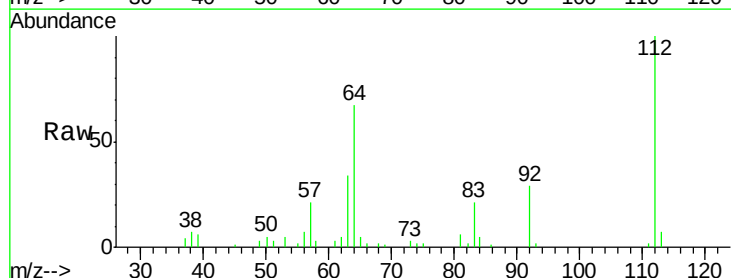
Tgt Ion:112 Resp: 34353

Ion Ratio Lower Upper

112 100

64 67.0 42.2 63.2#

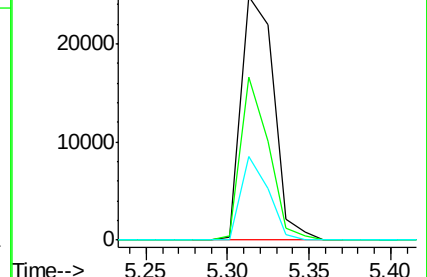
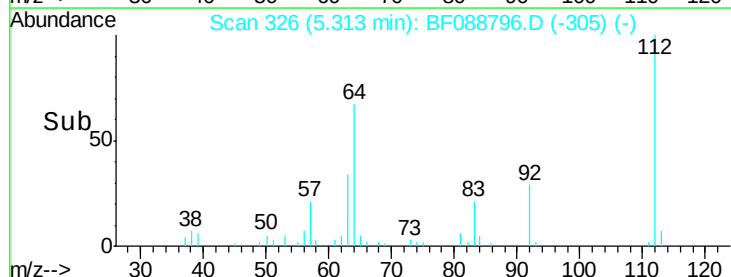
63 34.2 21.8 32.8#

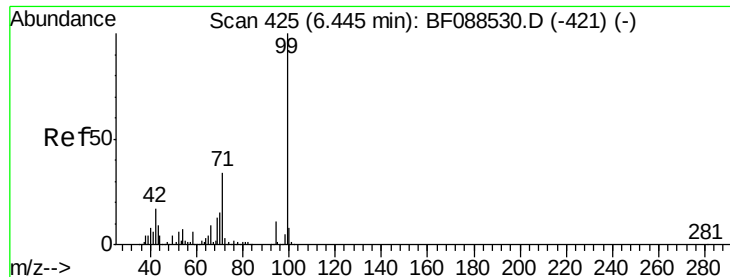


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 6.38 ng

RT: 6.36 min Scan# 418

Delta R.T. -0.05 min

Lab File: BF088796.D

Acq: 7 Jul 2016 23:36

Instrument :

BNA_F

ClientSampleId :

SS-3

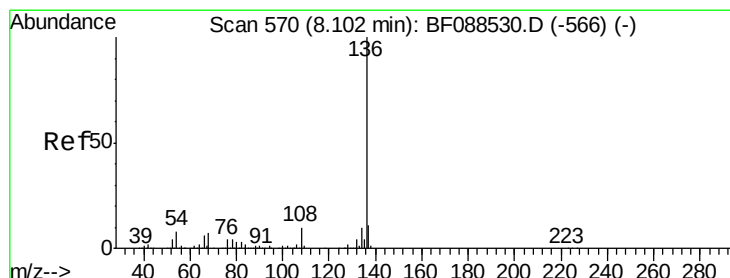
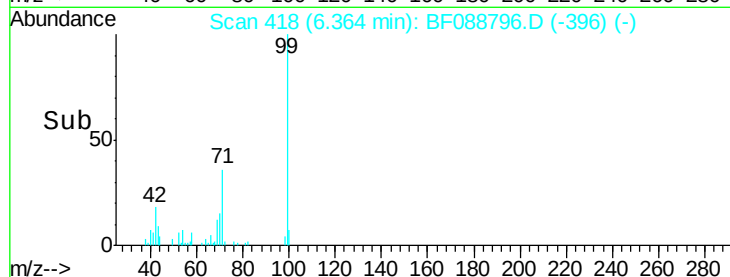
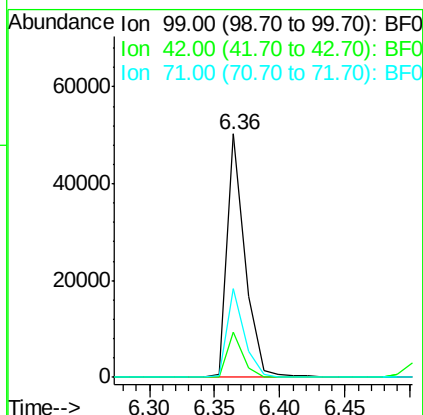
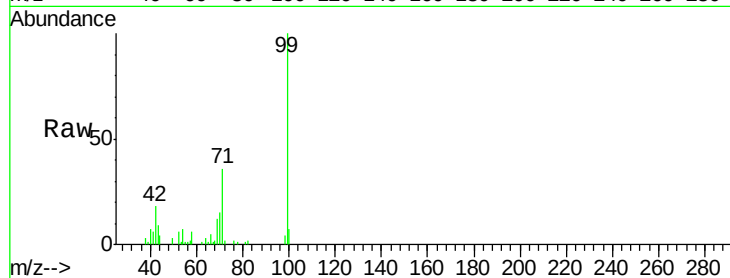
Tgt Ion: 99 Resp: 48335

Ion Ratio Lower Upper

99 100

42 18.4 12.2 18.2#

71 36.3 23.4 35.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 563

Delta R.T. -0.05 min

Lab File: BF088796.D

Acq: 7 Jul 2016 23:36

Tgt Ion: 136 Resp: 306414

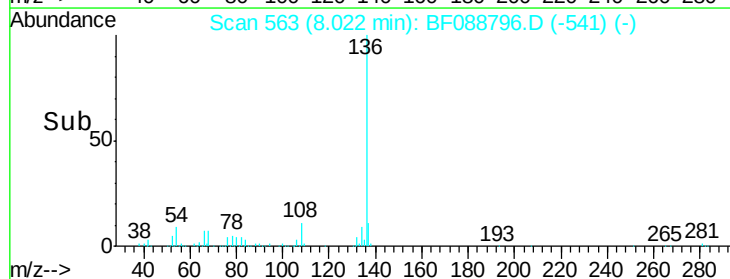
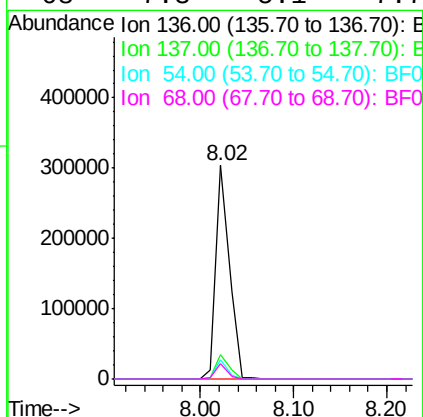
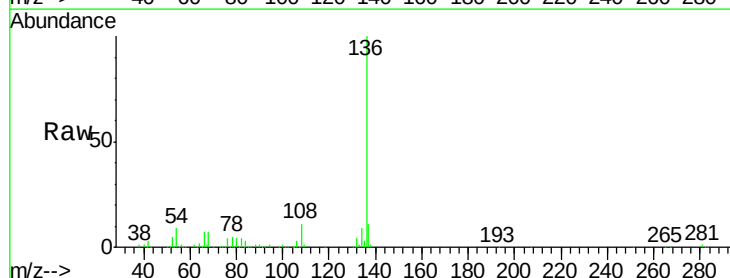
Ion Ratio Lower Upper

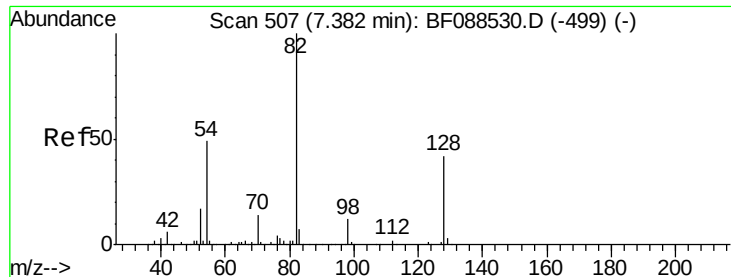
136 100

137 11.2 9.1 13.7

54 9.0 6.6 10.0

68 7.3 5.1 7.7

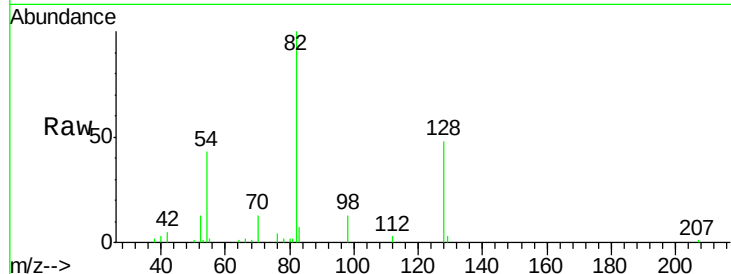




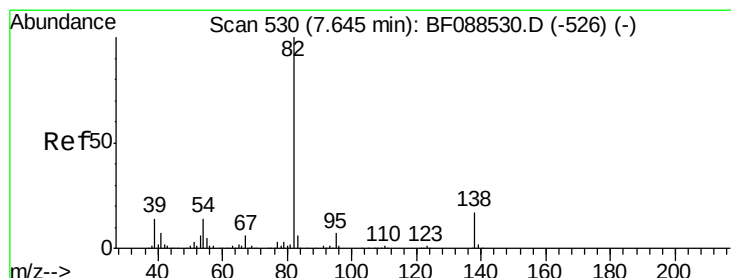
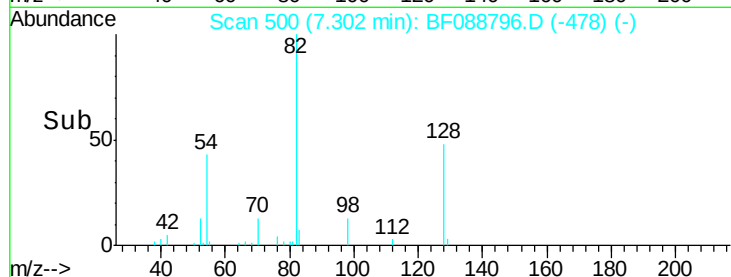
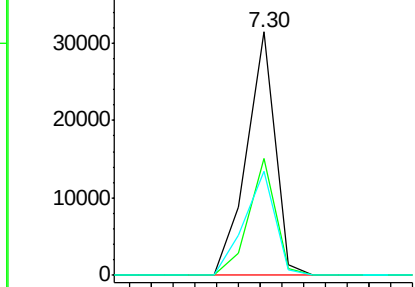
#23
 Nitrobenzene-d5
 Concen: 4.90 ng
 RT: 7.30 min Scan# 500
 Delta R.T. -0.05 min
 Lab File: BF088796.D
 Acq: 7 Jul 2016 23:36

Instrument :
 BNA_F
 ClientSampled :
 SS-3

Tgt Ion: 82 Resp: 28644
 Ion Ratio Lower Upper
 82 100
 128 47.8 35.9 53.9
 54 42.6 40.9 61.3

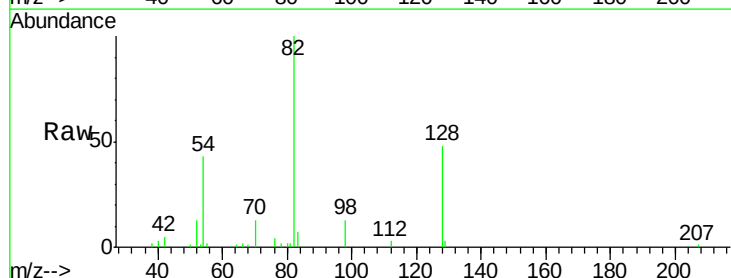


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

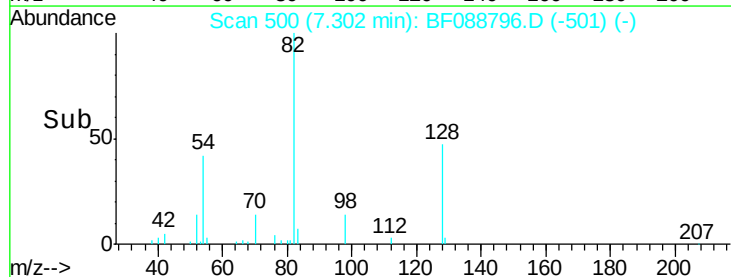
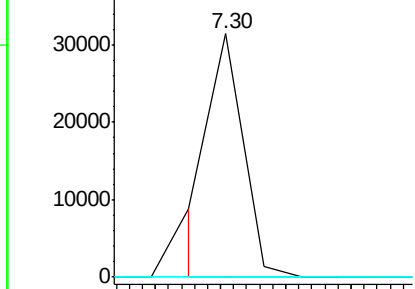


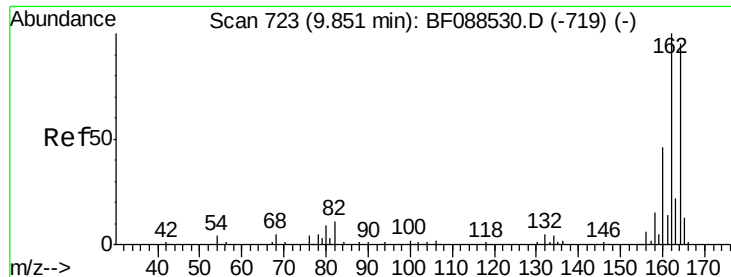
#25
 Isophorone
 Concen: 2.08 ng
 RT: 7.30 min Scan# 500
 Delta R.T. -0.31 min
 Lab File: BF088796.D
 Acq: 7 Jul 2016 23:36

Tgt Ion: 82 Resp: 22545
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.4 8.2#
 138 0.0 14.6 21.8#



Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0

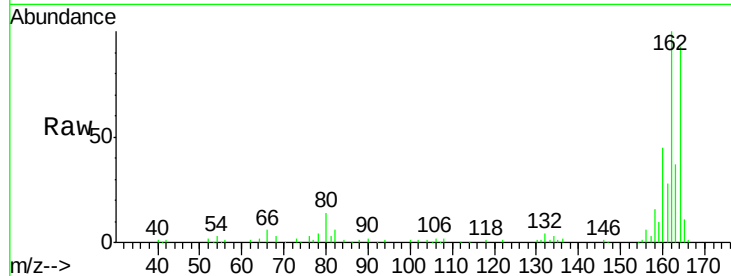




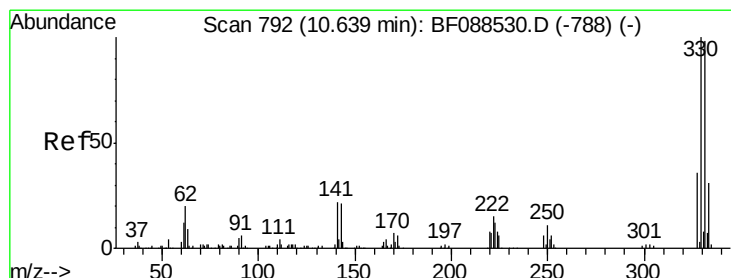
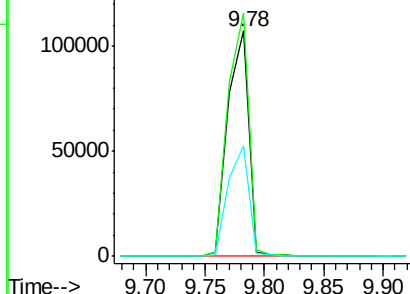
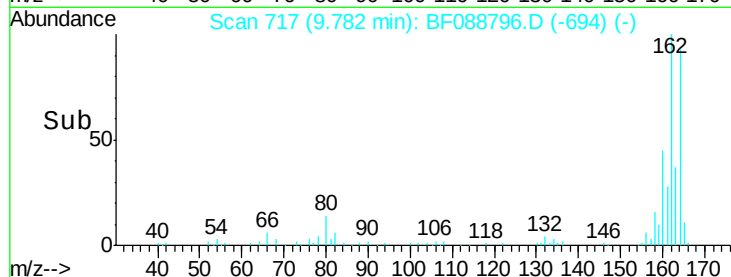
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.03 min
Lab File: BF088796.D
Acq: 7 Jul 2016 23:36

Instrument :
BNA_F
ClientSampleId :
SS-3

Tgt Ion:164 Resp: 131183
Ion Ratio Lower Upper
164 100
162 108.0 85.4 128.2
160 49.0 39.5 59.3

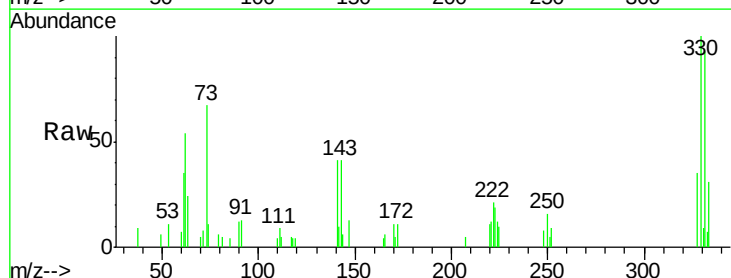


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

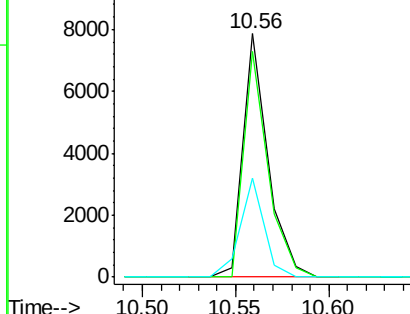
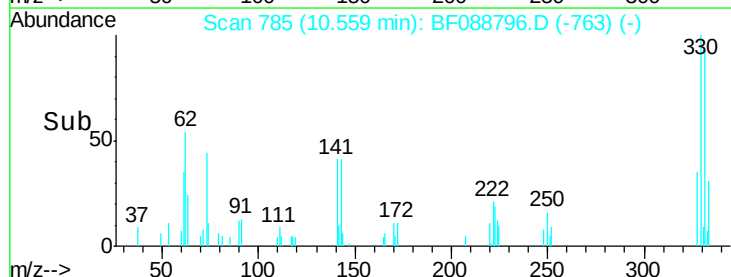


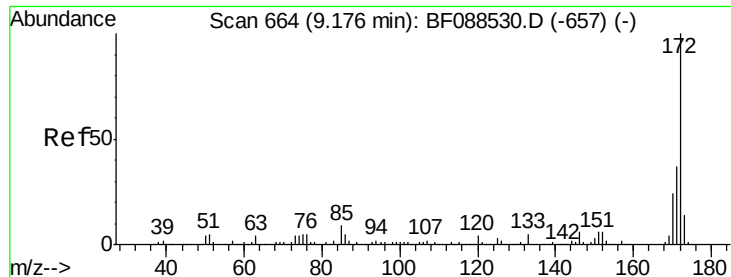
#41
2,4,6-Tribromophenol
Concen: 6.04 ng
RT: 10.56 min Scan# 785
Delta R.T. -0.05 min
Lab File: BF088796.D
Acq: 7 Jul 2016 23:36

Tgt Ion:330 Resp: 7357
Ion Ratio Lower Upper
330 100
332 89.9 0.0 0.0#
141 38.6 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

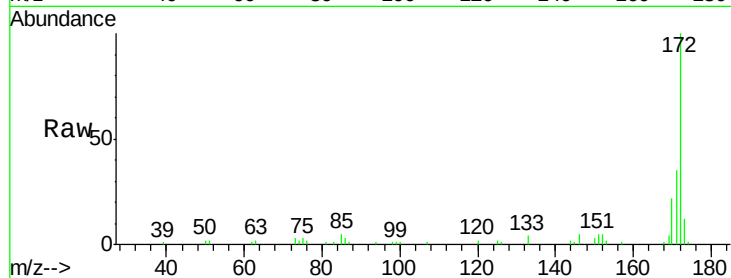




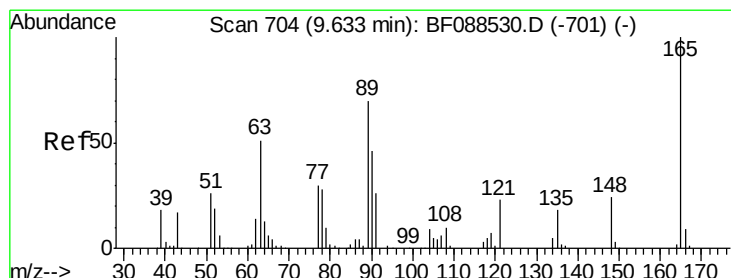
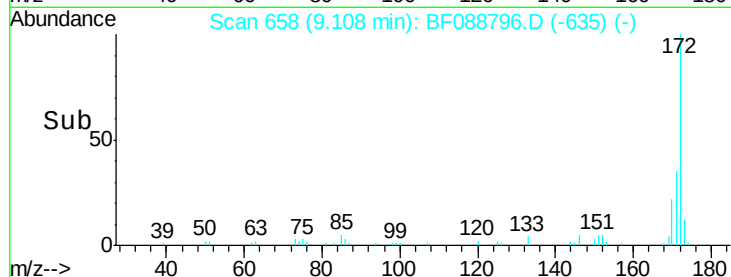
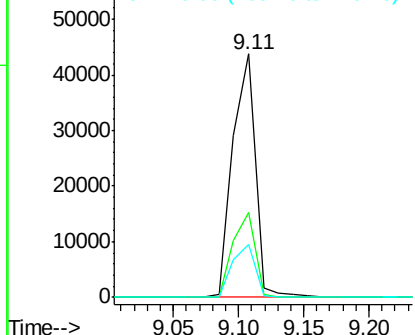
#44
 2-Fluorobiphenyl
 Concen: 6.31 ng
 RT: 9.11 min Scan# 658
 Delta R.T. -0.03 min
 Lab File: BF088796.D
 Acq: 7 Jul 2016 23:36

Instrument :
 BNA_F
 ClientSampled :
 SS-3

Tgt Ion:172 Resp: 52380
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.6 43.0
 170 21.6 19.2 28.8

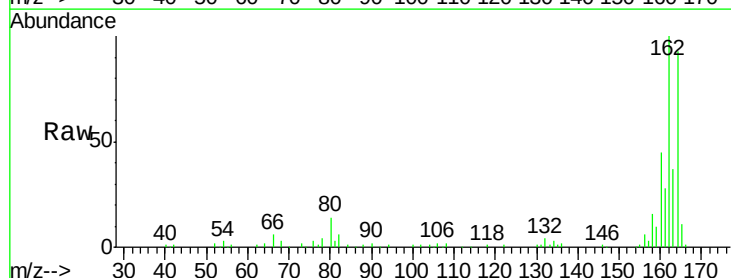


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

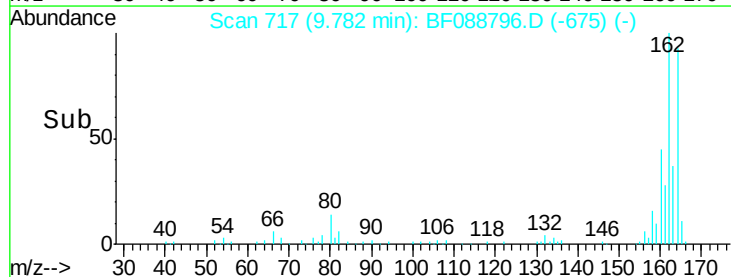
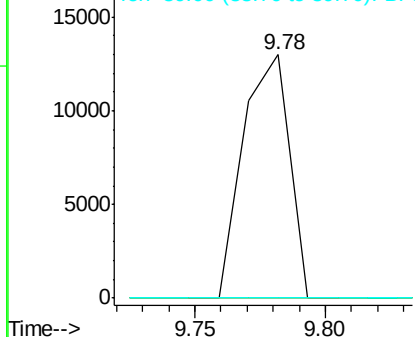


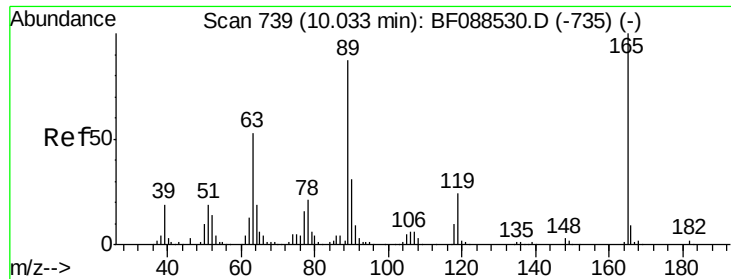
#50
 2,6-Dinitrotoluene
 Concen: 7.79 ng
 RT: 9.78 min Scan# 717
 Delta R.T. 0.18 min
 Lab File: BF088796.D
 Acq: 7 Jul 2016 23:36

Tgt Ion:165 Resp: 16140
 Ion Ratio Lower Upper
 165 100
 63 0.0 28.1 42.1#
 89 0.0 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

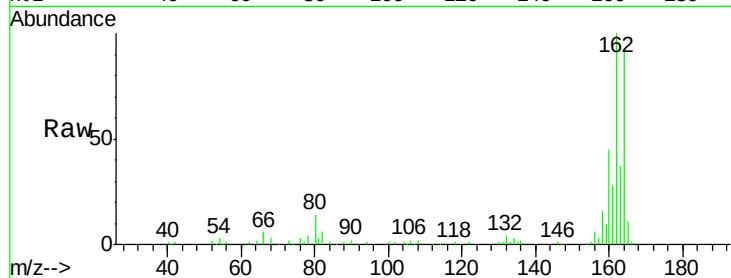




#56
 2,4-Dinitrotoluene
 Concen: 5.96 ng
 RT: 9.78 min Scan# 717
 Delta R.T. -0.22 min
 Lab File: BF088796.D
 Acq: 7 Jul 2016 23:36

Instrument :
 BNA_F
 ClientSampleId :
 SS-3

Tgt Ion:	165	Resp:	16140
Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.0	33.0#
89	0.0	41.1	61.7#
182	0.0	2.0	3.0#

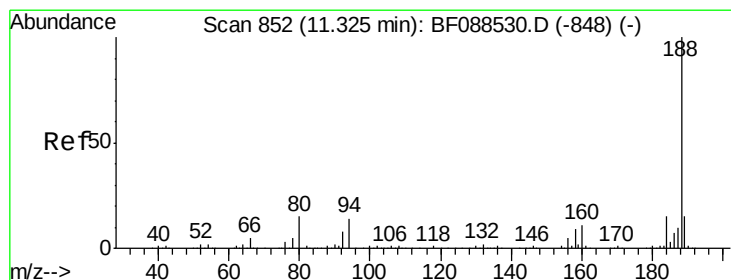
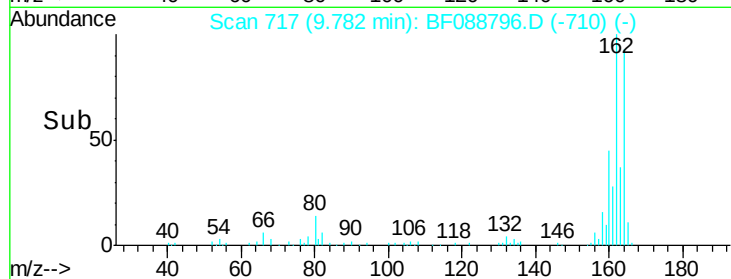
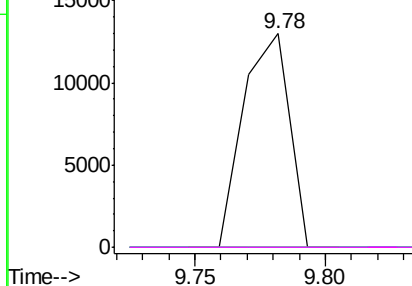


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

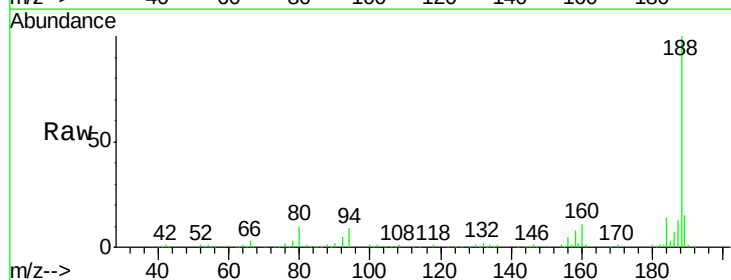
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.26 min Scan# 846
 Delta R.T. -0.03 min
 Lab File: BF088796.D
 Acq: 7 Jul 2016 23:36

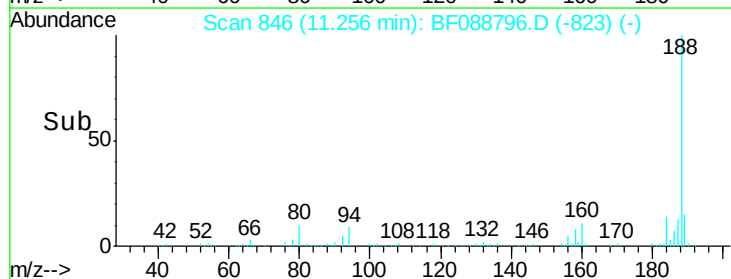
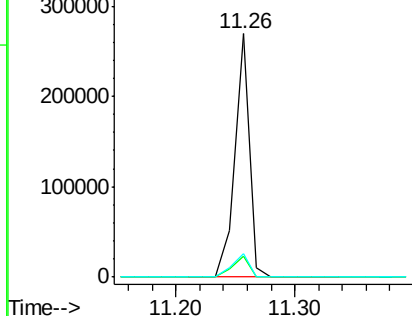
Tgt Ion:	188	Resp:	229795
Ion	Ratio	Lower	Upper
188	100		
94	8.6	9.0	13.6#
80	9.5	10.0	15.0#

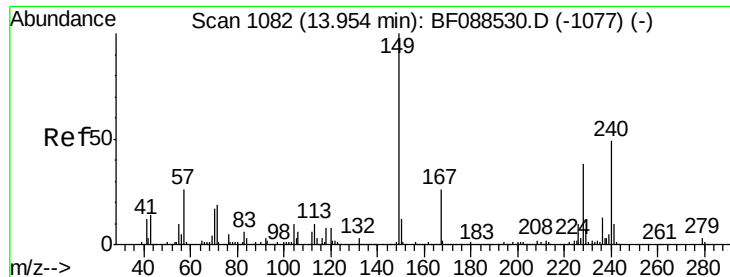


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1076

Delta R.T. -0.03 min

Lab File: BF088796.D

Acq: 7 Jul 2016 23:36

Instrument :

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ClientSampleId :

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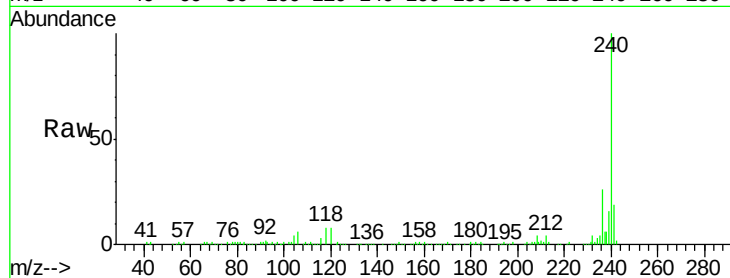
Tgt Ion:240 Resp: 185283

Ion Ratio Lower Upper

240 100

120 8.3 6.8 10.2

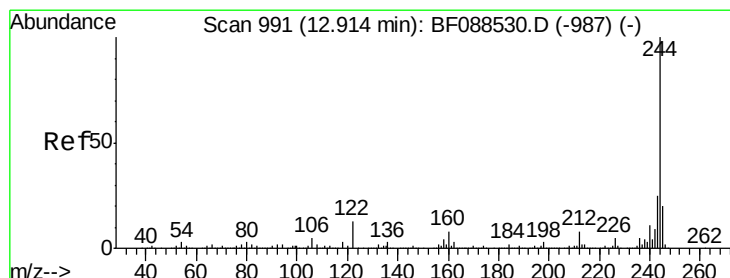
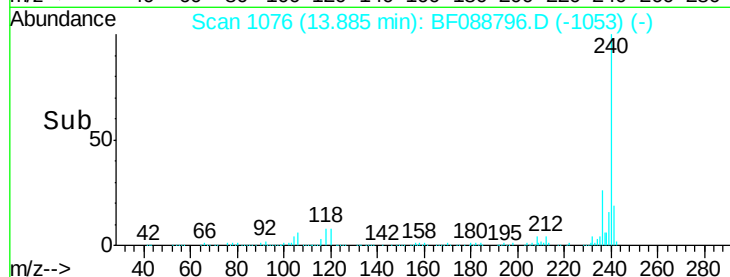
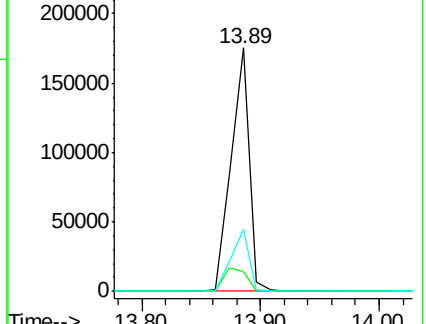
236 25.5 20.2 30.2



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: 4.68 ng

RT: 12.83 min Scan# 984

Delta R.T. -0.03 min

Lab File: BF088796.D

Acq: 7 Jul 2016 23:36

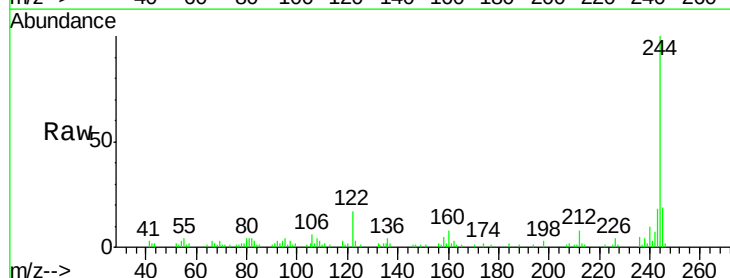
Tgt Ion:244 Resp: 38905

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

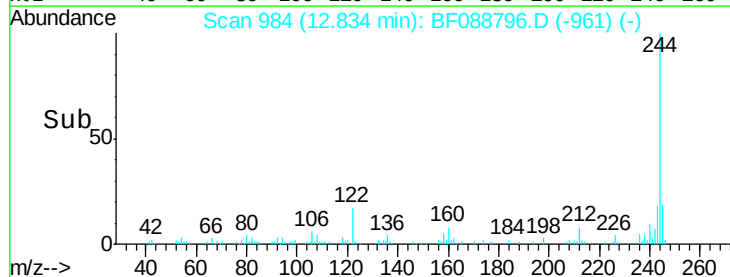
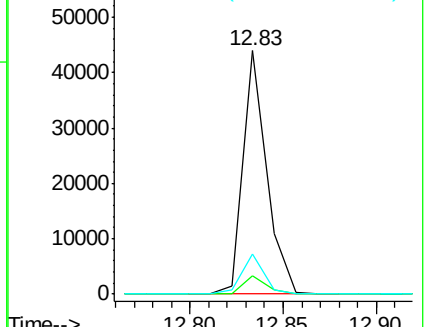
122 16.7 11.2 16.8

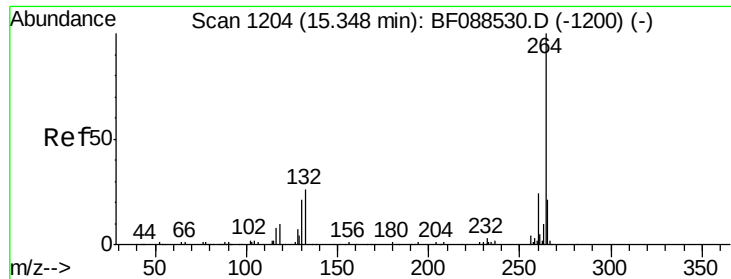


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.27 min Scan# 1197
Delta R.T. -0.03 min
Lab File: BF088796.D
Acq: 7 Jul 2016 23:36

Instrument :
BNA_F
ClientSampleId :
SS-3

Tgt Ion: 264 Resp: 145675
Ion Ratio Lower Upper
264 100
260 24.0 19.2 28.8
265 21.5 16.9 25.3

