

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071316\
 Data File : BF088969.D
 Acq On : 13 Jul 2016 20:39
 Operator : UM/SJ
 Sample : H3988-16
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C4.2-3

Quant Time: Jul 14 01:15:28 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 11 18:13:32 2016
 Response via : Initial Calibration

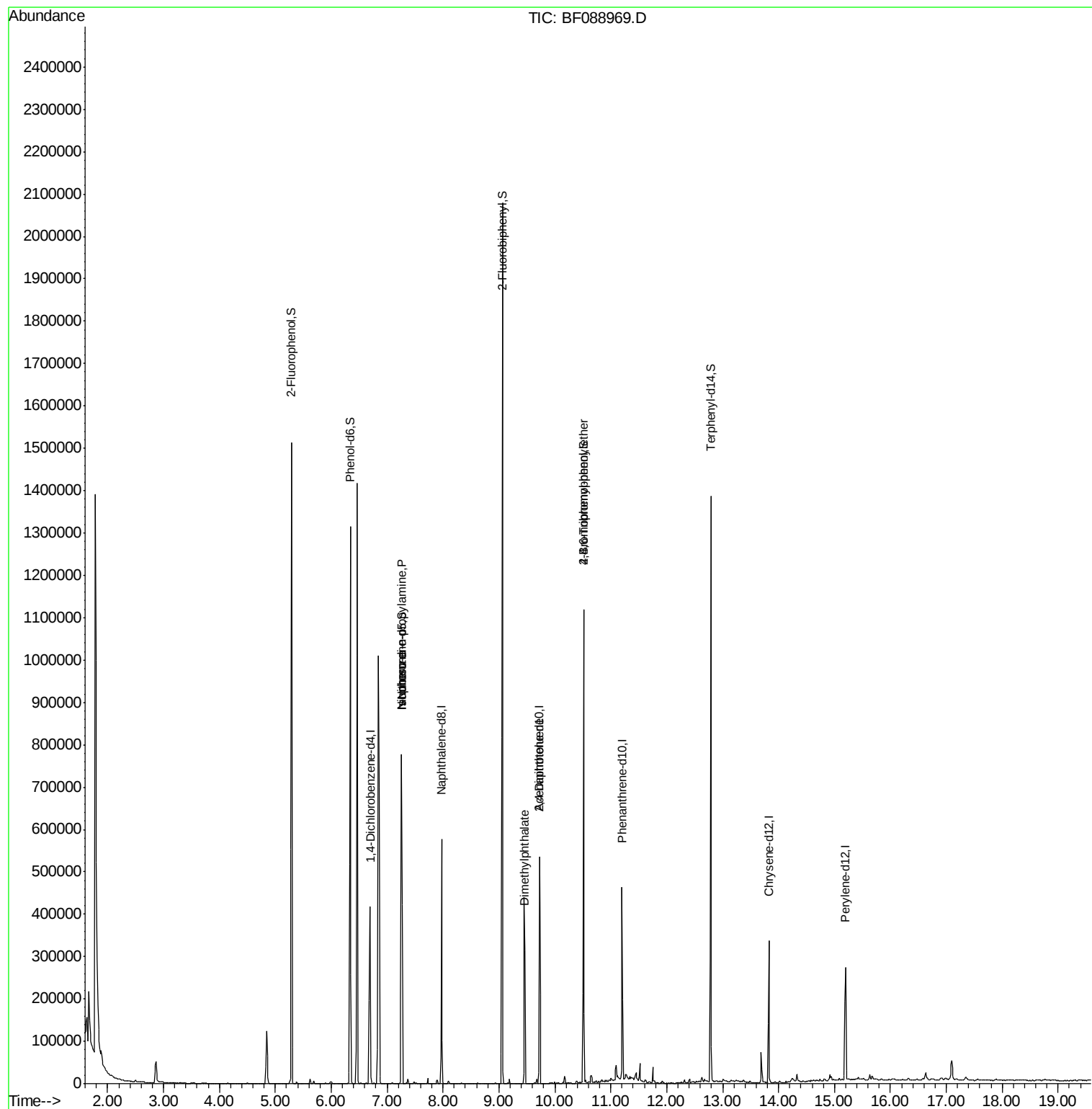
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	67958	20.00	ng	-0.01
21) Naphthalene-d8	7.98	136	248357	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	110294	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	176841	20.00	ng	-0.02
75) Chrysene-d12	13.83	240	120028	20.00	ng	-0.02
86) Perylene-d12	15.20	264	126985	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	416535	91.86	ng	0.00
7) Phenol-d6	6.34	99	517291	88.29	ng	-0.01
23) Nitrobenzene-d5	7.26	82	339550	71.65	ng	-0.02
41) 2,4,6-Tribromophenol	10.51	330	113618	110.93	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	675835	96.79	ng	-0.01
78) Terphenyl-d14	12.79	244	377981	70.14	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	45138	11.47	ng	# 75
25) Isophorone	7.26	82	289232	32.95	ng	# 65
49) Dimethylphthalate	9.46	163	246115	31.32	ng	96
56) 2,4-Dinitrotoluene	9.72	165	14217	6.24	ng	# 37
66) 4-Bromophenyl-phenylether	10.51	248	8042	4.51	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: 6.70 min Scan# 447

Delta R.T. -0.01 min

Lab File: BF088969.D

Acq: 13 Jul 2016 20:39

Instrument :

BNA_F

ClientSampled :

C4.2-3

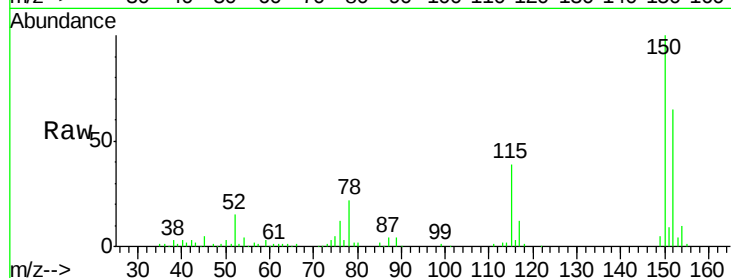
Tgt Ion:152 Resp: 67958

Ion Ratio Lower Upper

152 100

150 153.9 123.8 185.6

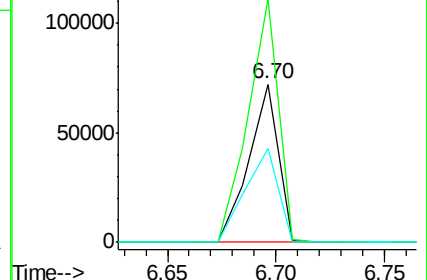
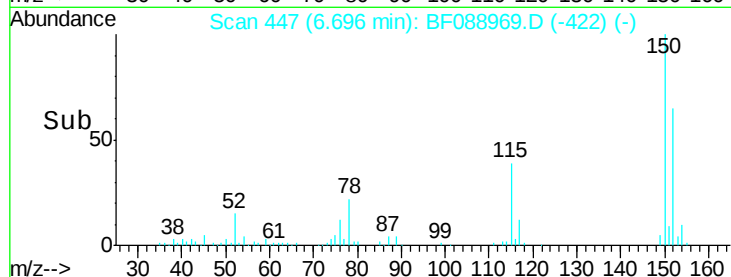
115 59.5 39.6 59.4#



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: 91.86 ng

RT: 5.29 min Scan# 324

Delta R.T. 0.00 min

Lab File: BF088969.D

Acq: 13 Jul 2016 20:39

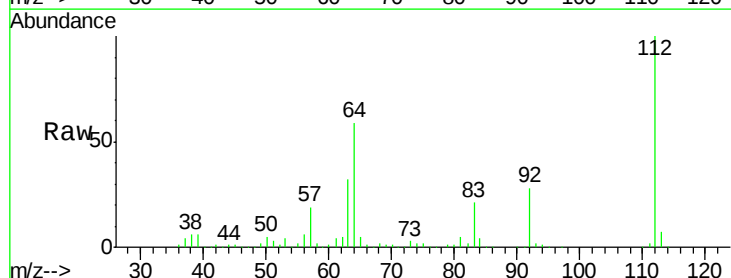
Tgt Ion:112 Resp: 416535

Ion Ratio Lower Upper

112 100

64 59.0 42.2 63.2

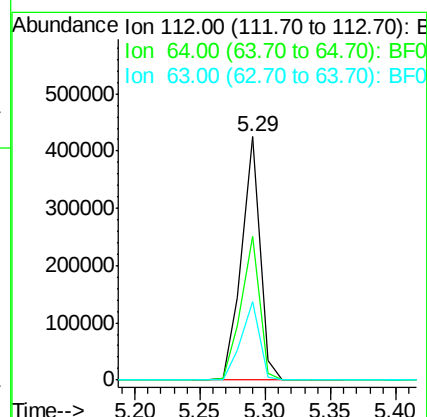
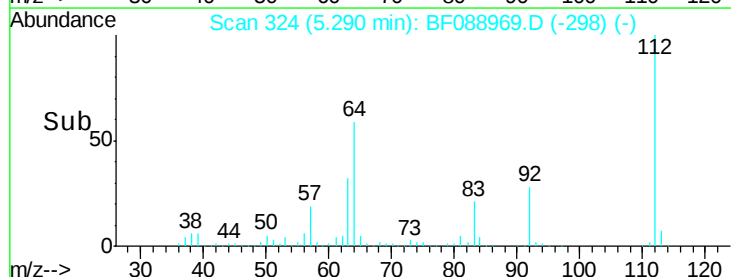
63 32.0 21.8 32.8



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: 88.29 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF088969.D

Acq: 13 Jul 2016 20:39

Instrument :

BNA_F

ClientSampleId :

C4.2-3

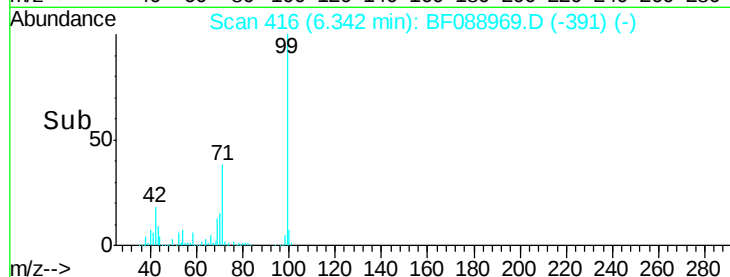
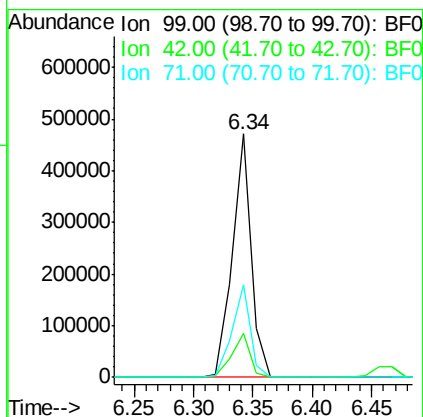
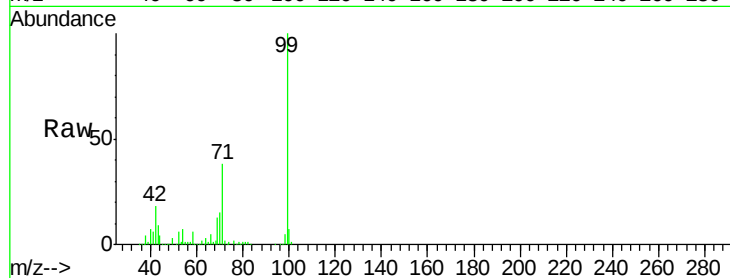
Tgt Ion: 99 Resp: 517291

Ion Ratio Lower Upper

99 100

42 18.0 12.2 18.2

71 38.1 23.4 35.0#



#19

n-Nitroso-di-n-propylamine

Concen: 11.47 ng

RT: 7.26 min Scan# 496

Delta R.T. 0.11 min

Lab File: BF088969.D

Acq: 13 Jul 2016 20:39

Tgt Ion: 70 Resp: 45138

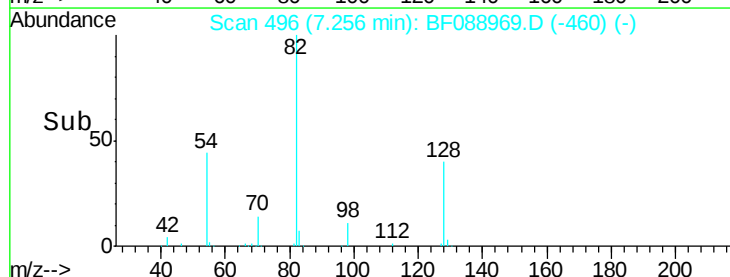
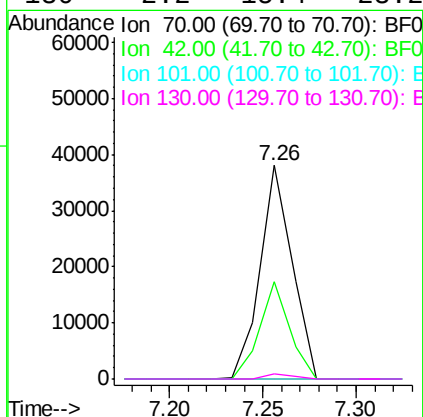
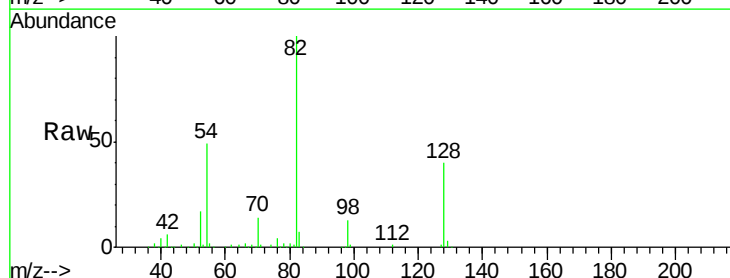
Ion Ratio Lower Upper

70 100

42 45.5 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: 7.98 min Scan# 559

Delta R.T. -0.02 min

Lab File: BF088969.D

Acq: 13 Jul 2016 20:39

Instrument :

BNA_F

ClientSampleId :

C4.2-3

Tgt Ion: 136 Resp: 248357

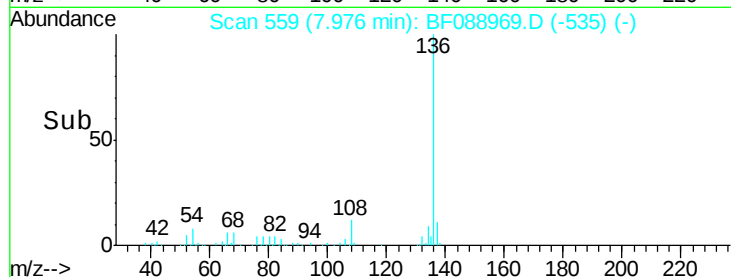
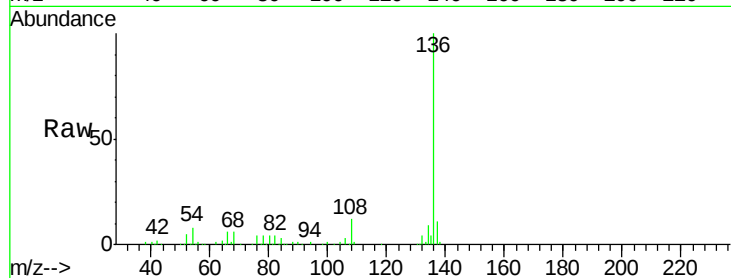
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 8.1 6.6 10.0

68 6.1 5.1 7.7

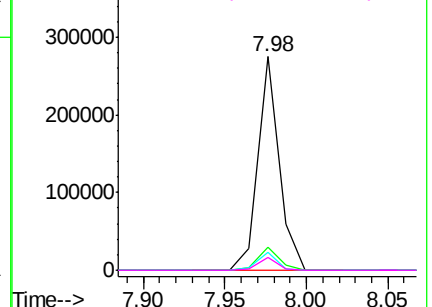


Abundance Ion 136.00 (135.70 to 136.70): E

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: 71.65 ng

RT: 7.26 min Scan# 496

Delta R.T. -0.02 min

Lab File: BF088969.D

Acq: 13 Jul 2016 20:39

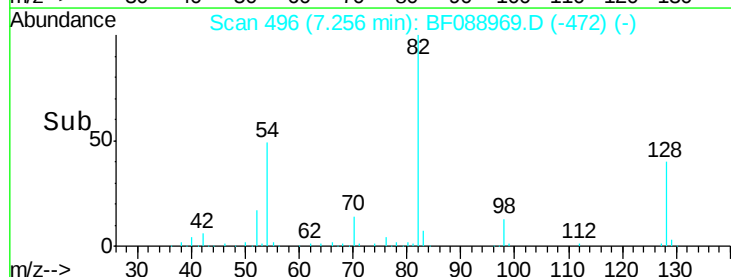
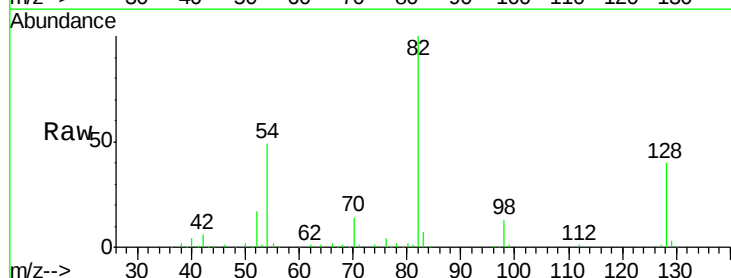
Tgt Ion: 82 Resp: 339550

Ion Ratio Lower Upper

82 100

128 39.6 35.9 53.9

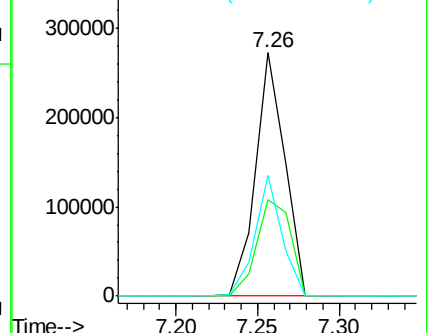
54 49.5 40.9 61.3

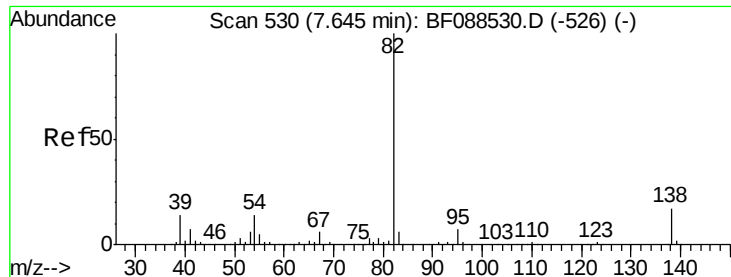


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 32.95 ng

RT: 7.26 min Scan# 496

Delta R.T. -0.29 min

Lab File: BF088969.D

Acq: 13 Jul 2016 20:39

Instrument :

BNA_F

ClientSampleId :

C4.2-3

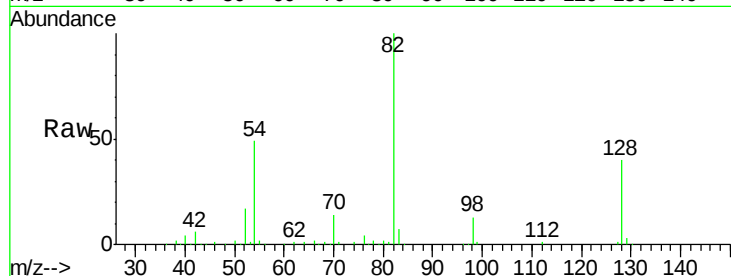
Tgt Ion: 82 Resp: 289232

Ion Ratio Lower Upper

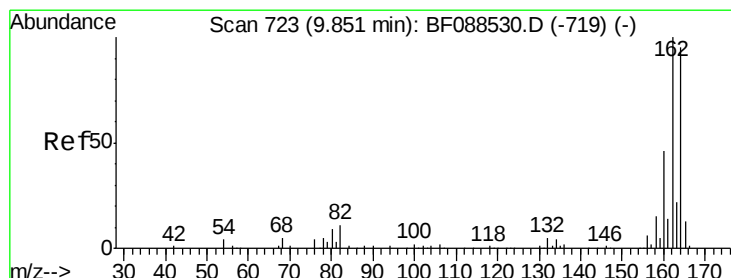
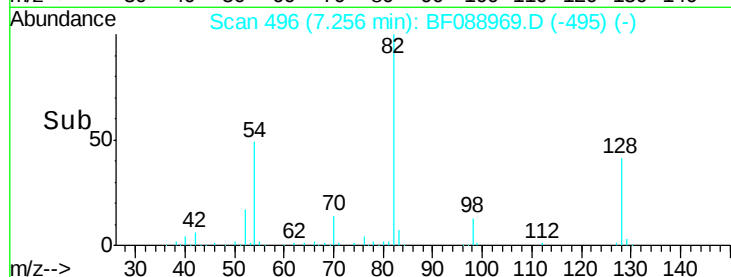
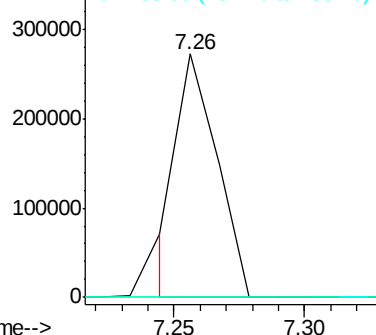
82 100

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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.72 min Scan# 712

Delta R.T. -0.02 min

Lab File: BF088969.D

Acq: 13 Jul 2016 20:39

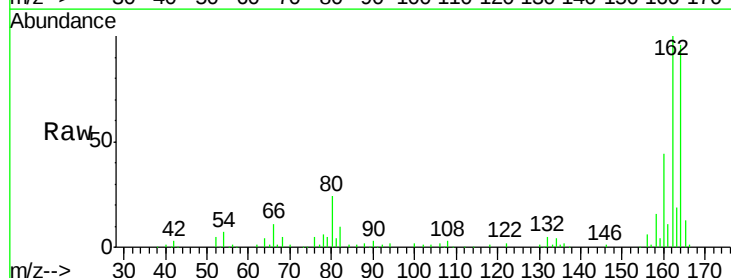
Tgt Ion: 164 Resp: 110294

Ion Ratio Lower Upper

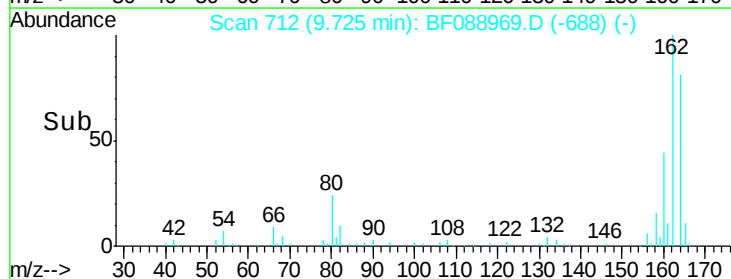
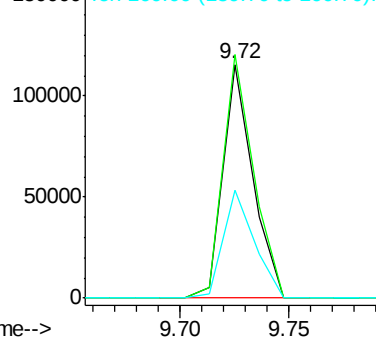
164 100

162 104.3 85.4 128.2

160 46.0 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

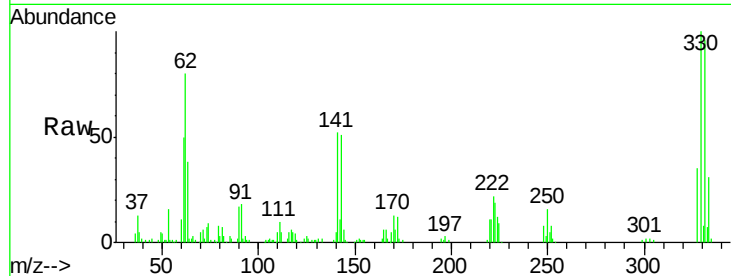




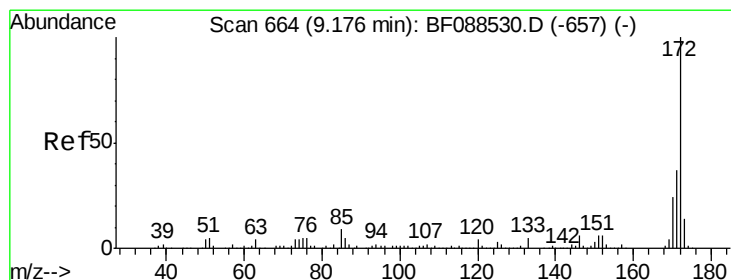
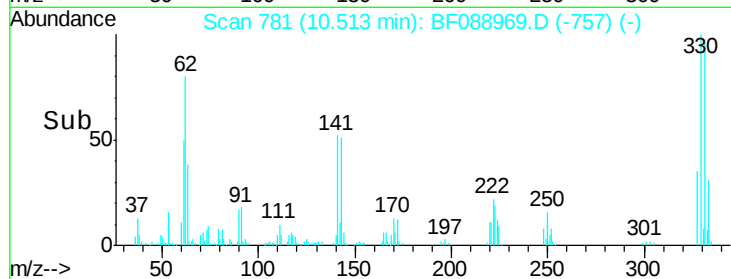
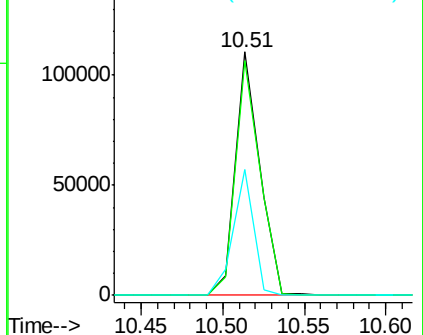
#41
 2,4,6-Tribromophenol
 Concen: 110.93 ng
 RT: 10.51 min Scan# 781
 Delta R.T. -0.02 min
 Lab File: BF088969.D
 Acq: 13 Jul 2016 20:39

Instrument :
 BNA_F
 ClientSampled :
 C4.2-3

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	0.0	0.0#
141	43.3	0.0	0.0#

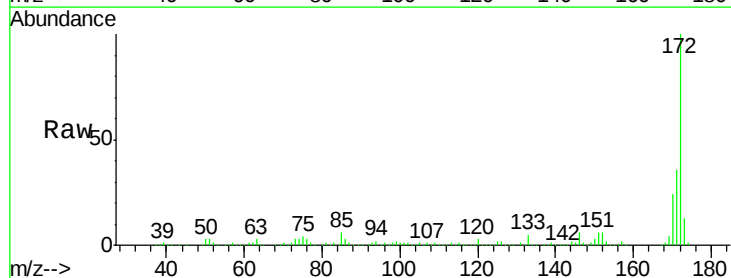


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

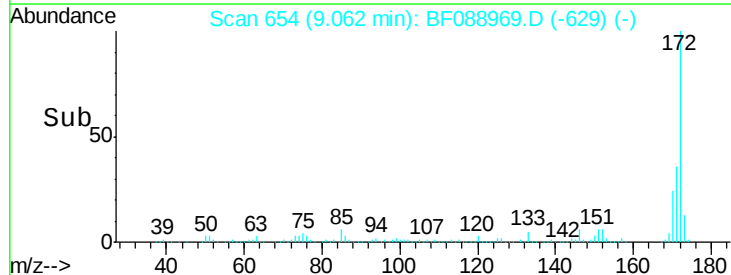
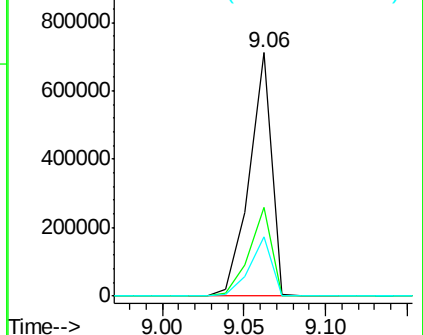


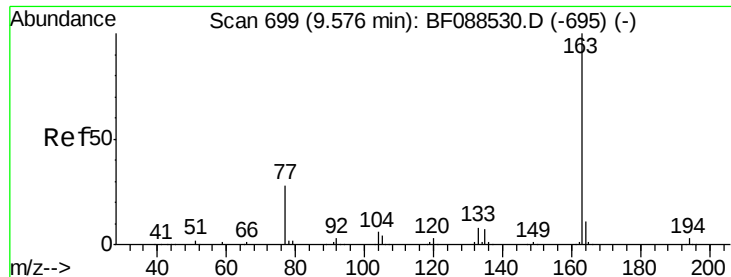
#44
 2-Fluorobiphenyl
 Concen: 96.79 ng
 RT: 9.06 min Scan# 654
 Delta R.T. -0.01 min
 Lab File: BF088969.D
 Acq: 13 Jul 2016 20:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	24.1	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





#49

Dimethylphthalate

Concen: 31.32 ng

RT: 9.46 min Scan# 689

Delta R.T. -0.02 min

Lab File: BF088969.D

Acq: 13 Jul 2016 20:39

Instrument :

BNA_F

ClientSampleId :

C4.2-3

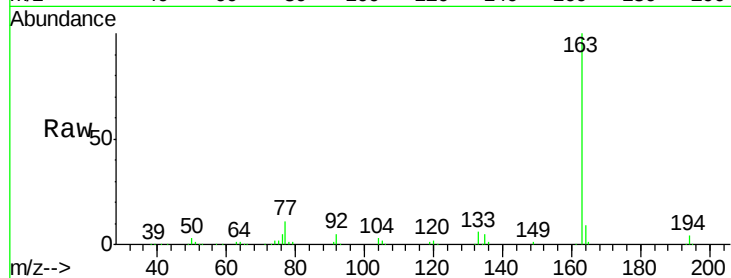
Tgt Ion:163 Resp: 246115

Ion Ratio Lower Upper

163 100

194 4.1 2.8 4.2

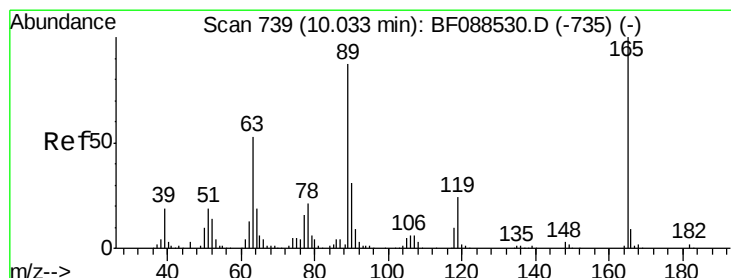
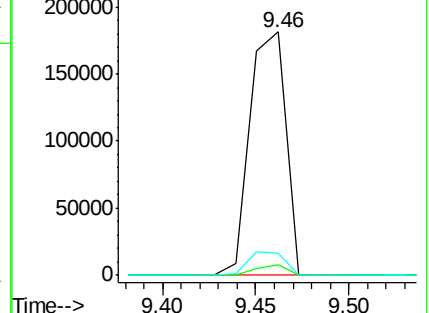
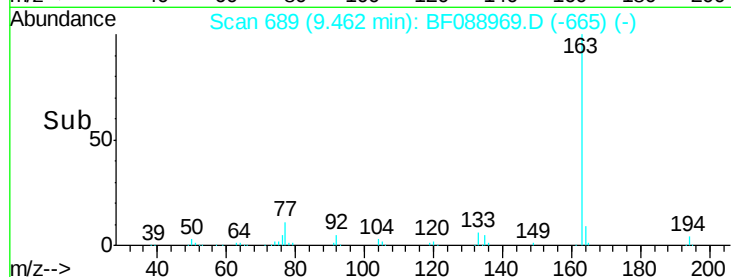
164 8.9 8.3 12.5



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: 6.24 ng

RT: 9.72 min Scan# 712

Delta R.T. -0.22 min

Lab File: BF088969.D

Acq: 13 Jul 2016 20:39

Tgt Ion:165 Resp: 14217

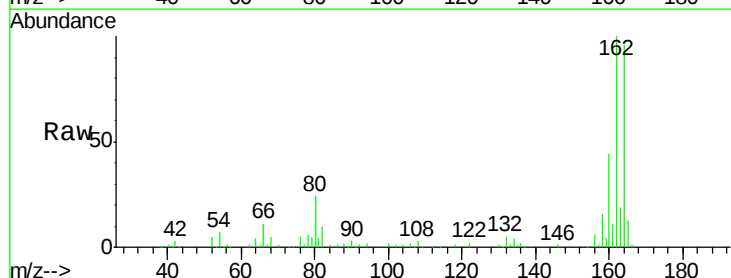
Ion Ratio Lower Upper

165 100

63 0.0 22.0 33.0#

89 2.0 41.1 61.7#

182 0.0 2.0 3.0#

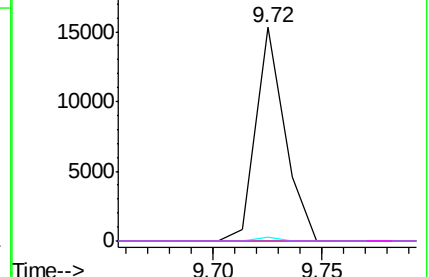
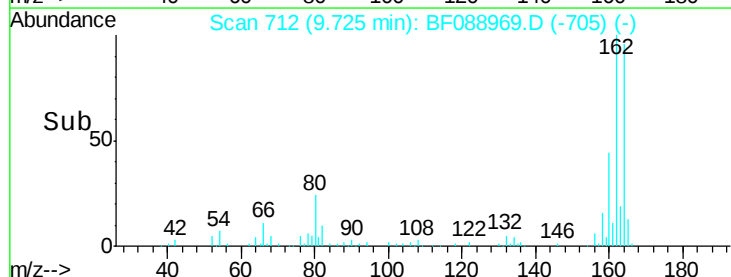


Abundance Ion 165.00 (164.70 to 165.70): E

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

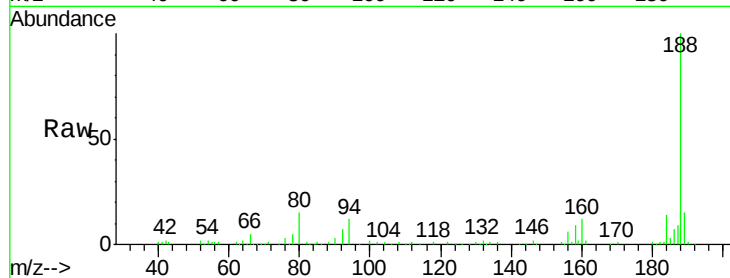




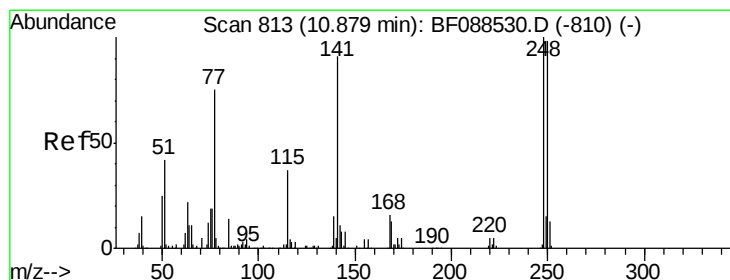
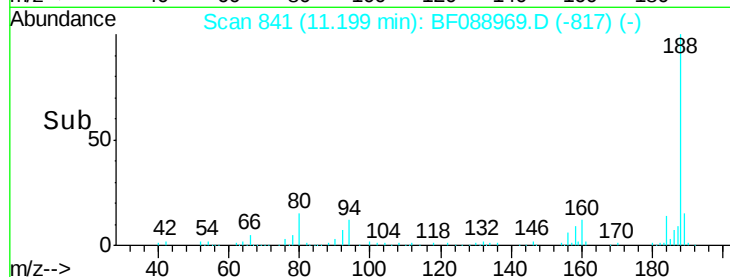
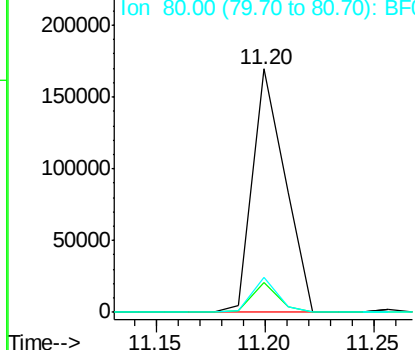
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 841
Delta R.T. -0.02 min
Lab File: BF088969.D
Acq: 13 Jul 2016 20:39

Instrument :
BNA_F
ClientSampled :
C4.2-3

Tgt Ion:188 Resp: 176841
Ion Ratio Lower Upper
188 100
94 12.3 9.0 13.6
80 14.6 10.0 15.0

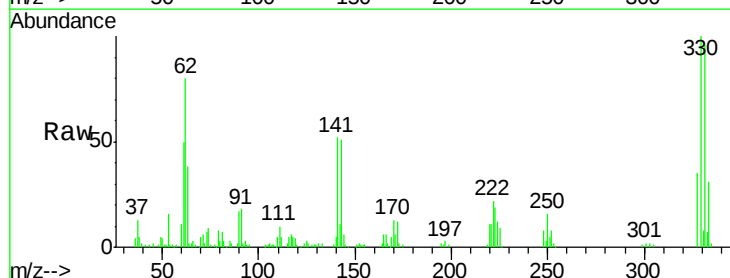


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

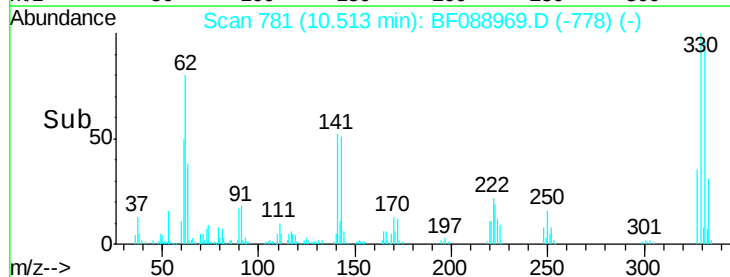
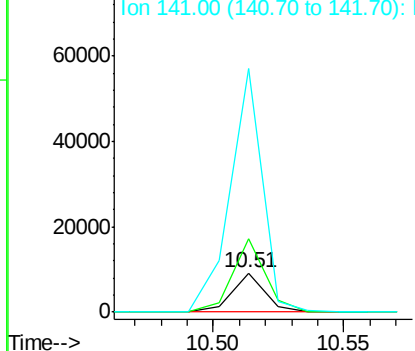


#66
4-Bromophenyl-phenylether
Concen: 4.51 ng
RT: 10.51 min Scan# 781
Delta R.T. -0.26 min
Lab File: BF088969.D
Acq: 13 Jul 2016 20:39

Tgt Ion:248 Resp: 8042
Ion Ratio Lower Upper
248 100
250 187.2 77.1 115.7#
141 619.4 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: 13.83 min Scan# 1071

Delta R.T. -0.02 min

Lab File: BF088969.D

Acq: 13 Jul 2016 20:39

Instrument :

BNA_F

ClientSampleId :

C4.2-3

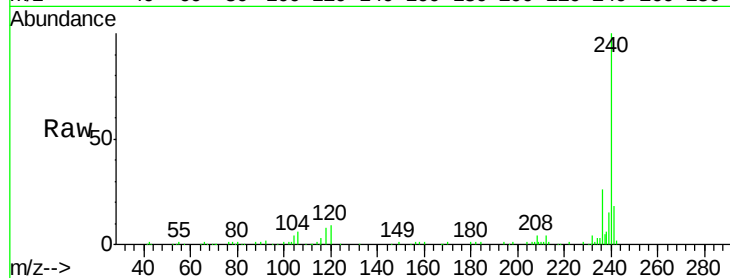
Tgt Ion:240 Resp: 120028

Ion Ratio Lower Upper

240 100

120 8.9 6.8 10.2

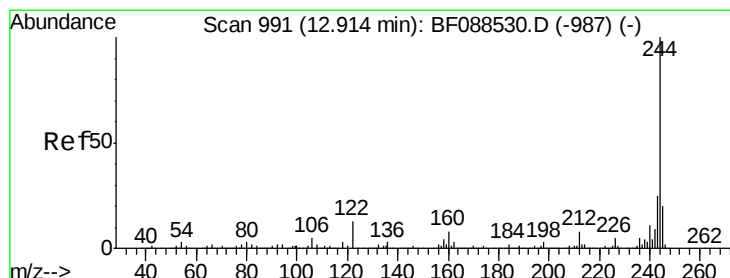
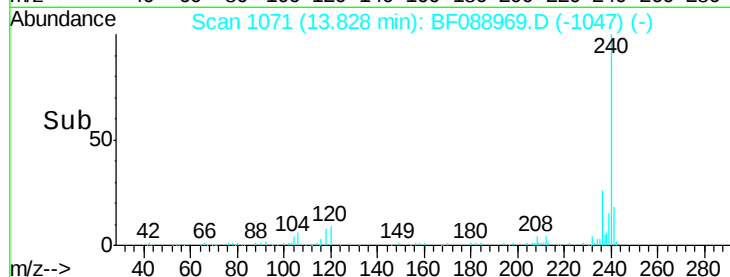
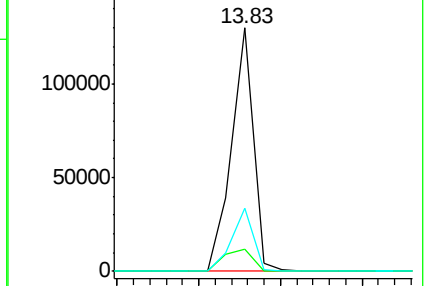
236 25.7 20.2 30.2



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: 70.14 ng

RT: 12.79 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF088969.D

Acq: 13 Jul 2016 20:39

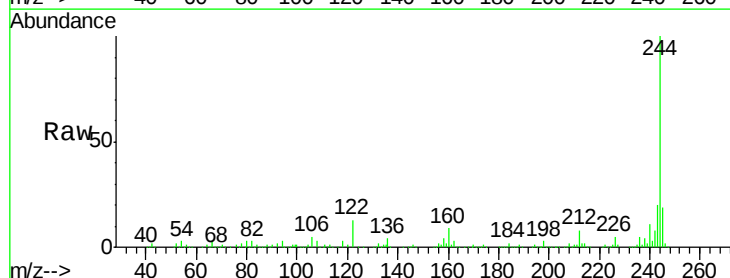
Tgt Ion:244 Resp: 377981

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

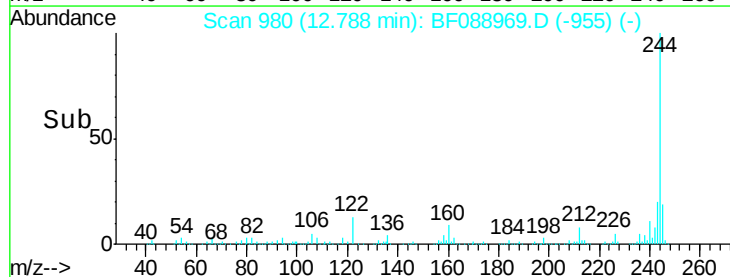
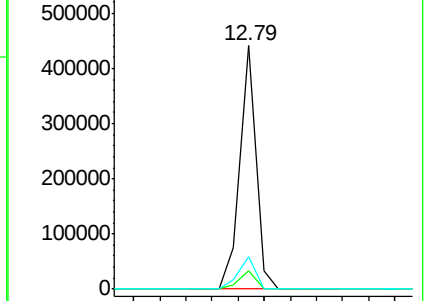
122 13.5 11.2 16.8

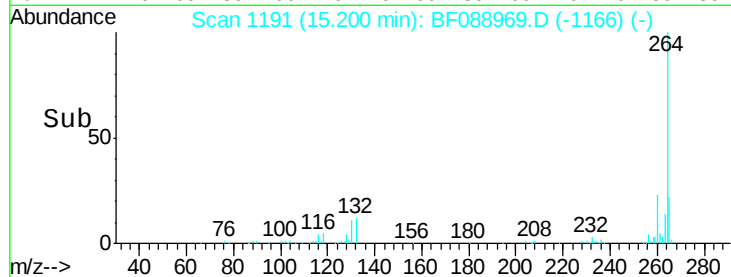
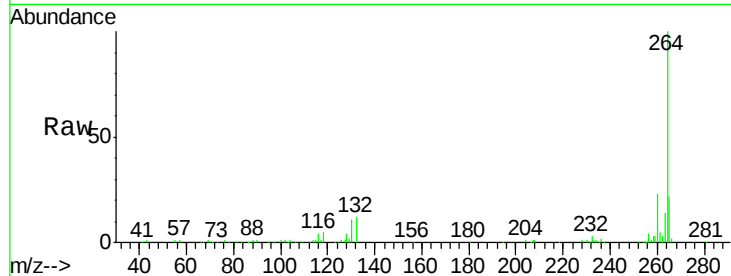
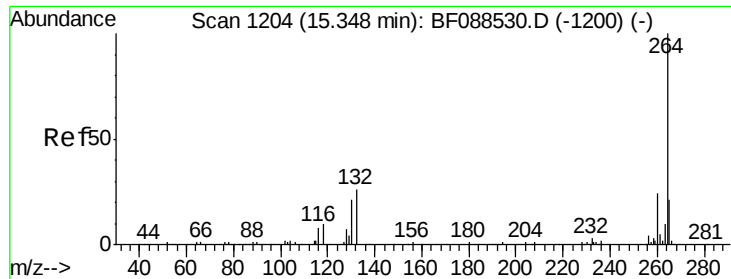


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.20 min Scan# 1191

Delta R.T. -0.01 min

Lab File: BF088969.D

Acq: 13 Jul 2016 20:39

Instrument :

BNA_F

ClientSampleId :

C4.2-3

Tgt Ion:264 Resp: 126985

Ion Ratio Lower Upper

264 100

260 22.7 19.2 28.8

265 21.7 16.9 25.3

