

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062316\
 Data File : BF088311.D
 Acq On : 24 Jun 2016 2:03
 Operator : UM/SJ
 Sample : H3682-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3(3.5-4)

Quant Time: Jun 24 04:43:53 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 01:47:17 2016
 Response via : Initial Calibration

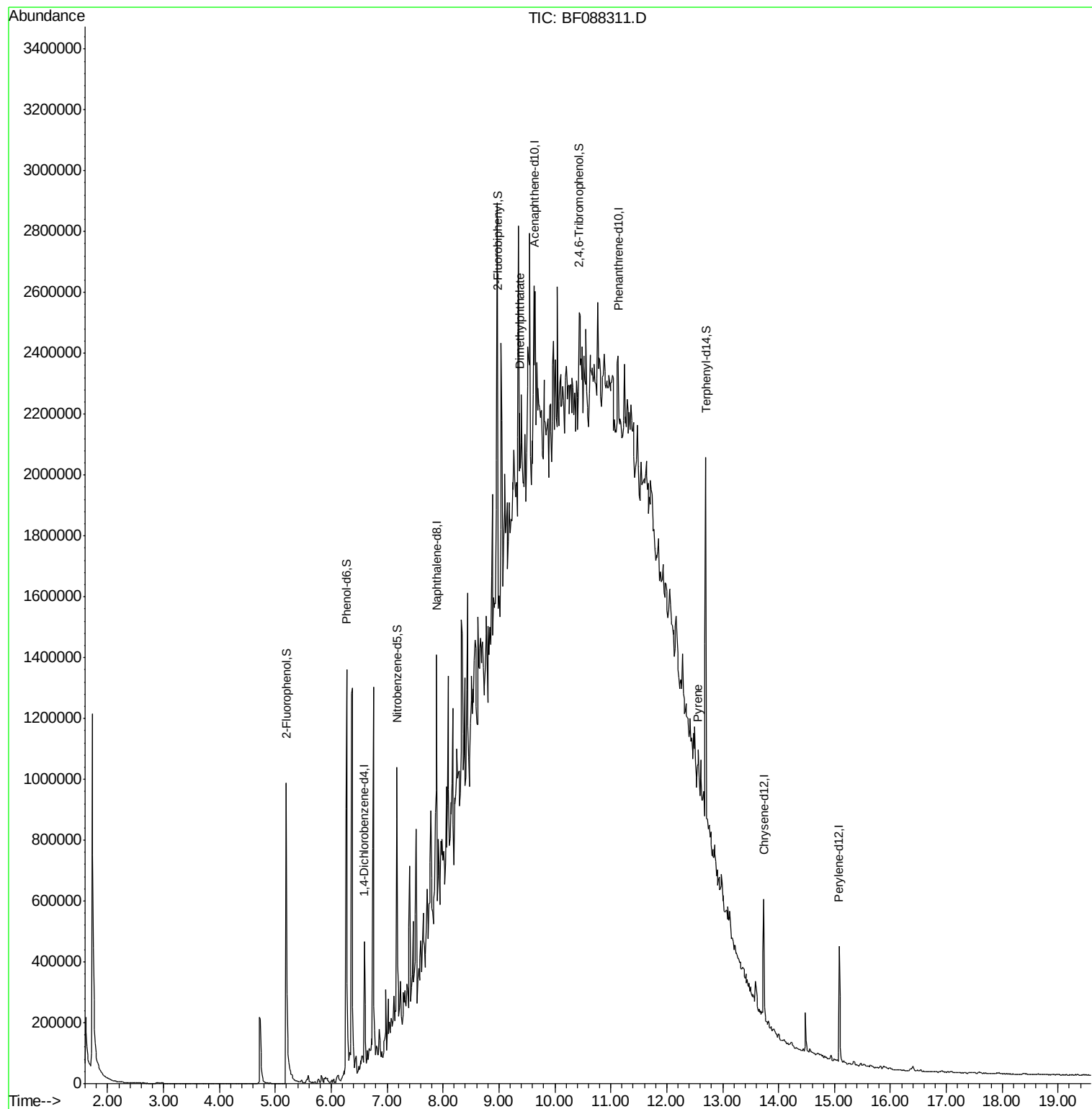
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	83031	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	285491	20.00	ng	0.00
38) Acenaphthene-d10	9.64	164	98126	20.00	ng	0.01
63) Phenanthrene-d10	11.13	188	161428	20.00	ng	0.02
75) Chrysene-d12	13.74	240	156990	20.00	ng	0.00
86) Perylene-d12	15.09	264	163500	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	628434	129.39	ng	0.01
7) Phenol-d6	6.27	99	806233	136.97	ng	-0.01
23) Nitrobenzene-d5	7.18	82	459144	93.91	ng	0.00
41) 2,4,6-Tribromophenol	10.43	330	123493	119.19	ng	0.00
44) 2-Fluorobiphenyl	8.97	172	595786	96.10	ng	0.00
78) Terphenyl-d14	12.70	244	460711	66.78	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.37	163	117540	16.54	ng	# 95
77) Pyrene	12.55	202	33903	2.91	ng	# 84

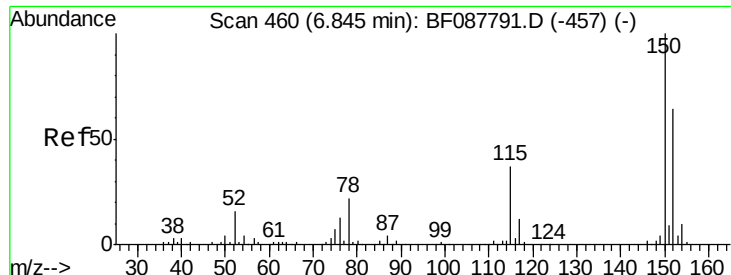
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.59 min Scan# 438

Delta R.T. 0.00 min

Lab File: BF088311.D

Acq: 24 Jun 2016 2:03

Instrument :

BNA_F

ClientSampleId :

SB-3(3.5-4)

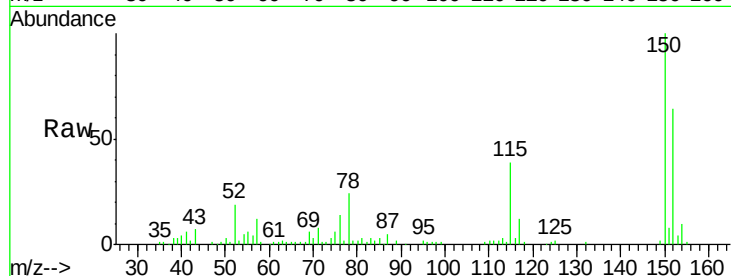
Tgt Ion:152 Resp: 83031

Ion Ratio Lower Upper

152 100

150 156.2 123.8 185.6

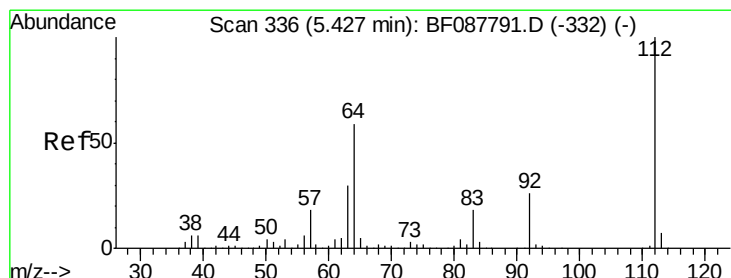
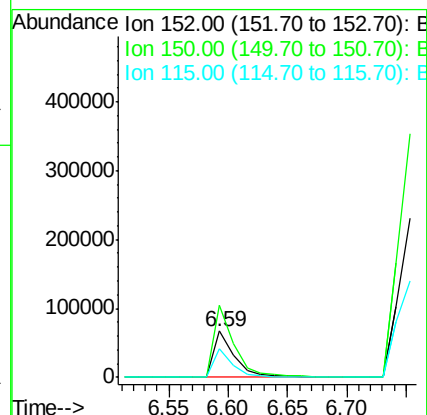
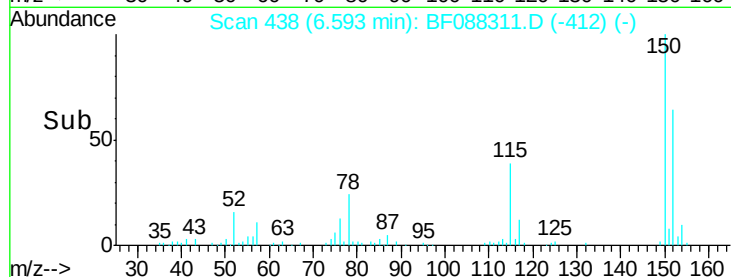
115 61.3 39.6 59.4#



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: 129.39 ng

RT: 5.20 min Scan# 316

Delta R.T. 0.01 min

Lab File: BF088311.D

Acq: 24 Jun 2016 2:03

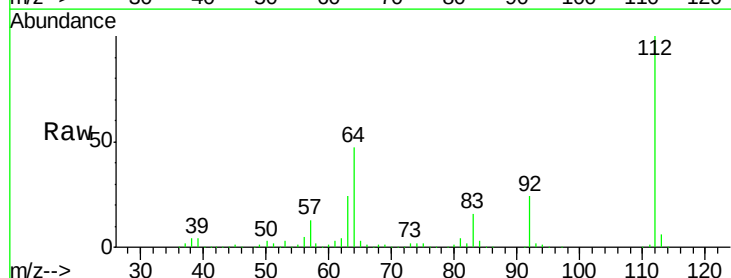
Tgt Ion:112 Resp: 628434

Ion Ratio Lower Upper

112 100

64 47.0 42.2 63.2

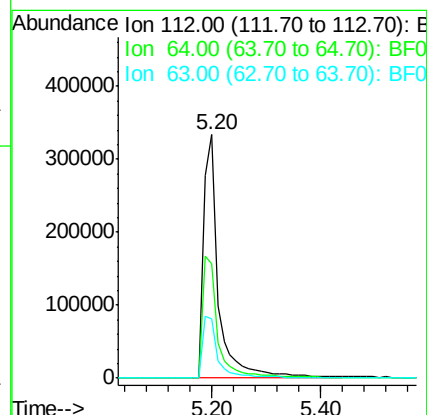
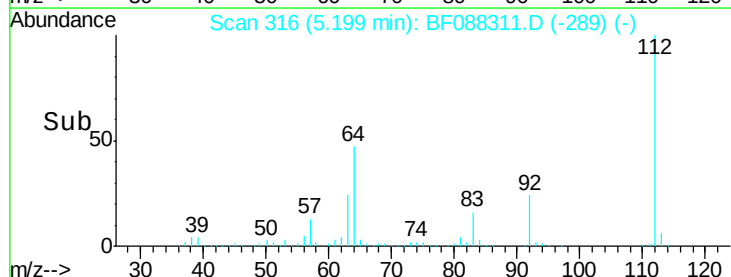
63 24.3 21.8 32.8

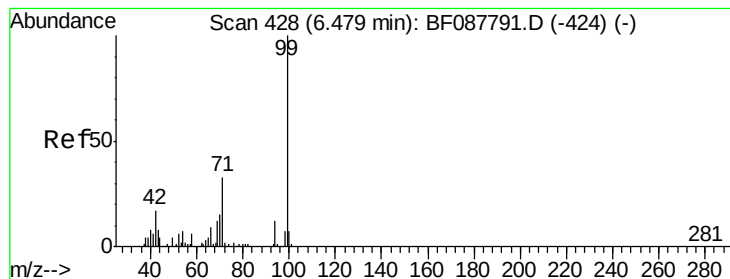


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 136.97 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF088311.D

Acq: 24 Jun 2016 2:03

Instrument :

BNA_F

ClientSampleId :

SB-3(3.5-4)

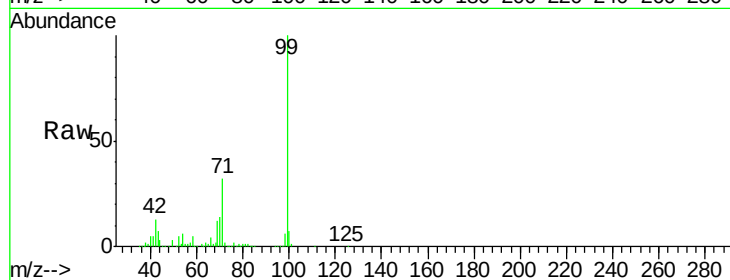
Tgt Ion: 99 Resp: 806233

Ion Ratio Lower Upper

99 100

42 13.4 12.2 18.2

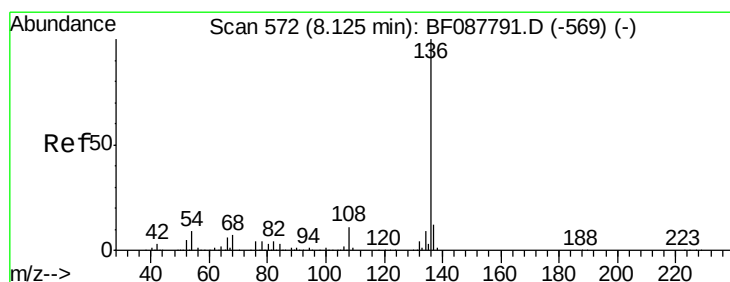
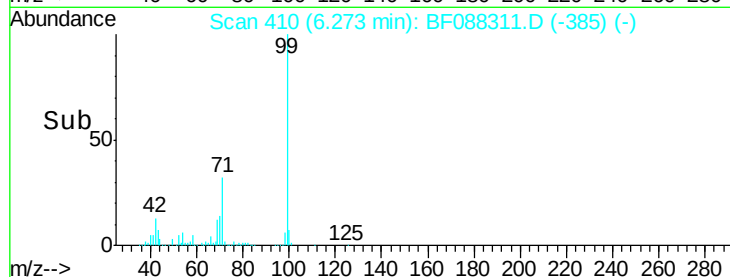
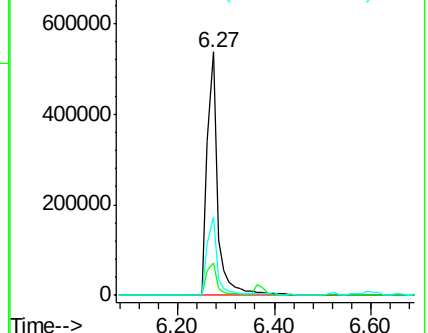
71 32.0 23.4 35.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.88 min Scan# 551

Delta R.T. 0.00 min

Lab File: BF088311.D

Acq: 24 Jun 2016 2:03

Tgt Ion: 136 Resp: 285491

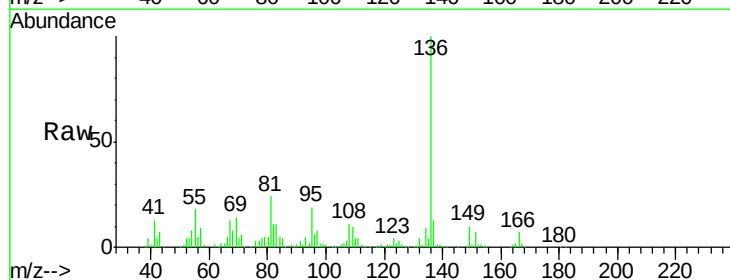
Ion Ratio Lower Upper

136 100

137 12.7 9.1 13.7

54 8.0 6.6 10.0

68 8.4 5.1 7.7#

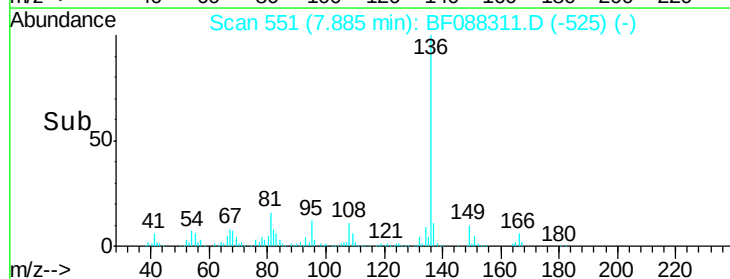
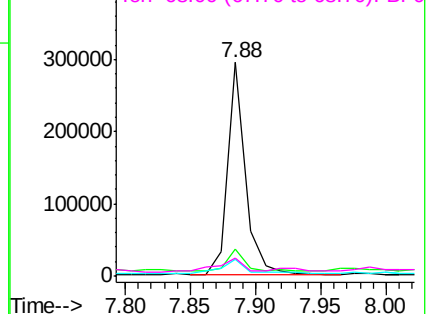


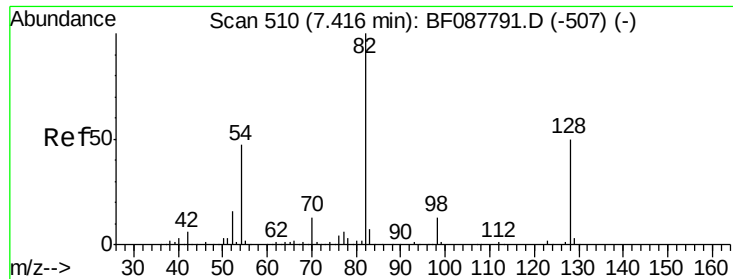
Abundance Ion 136.00 (135.70 to 136.70): E

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

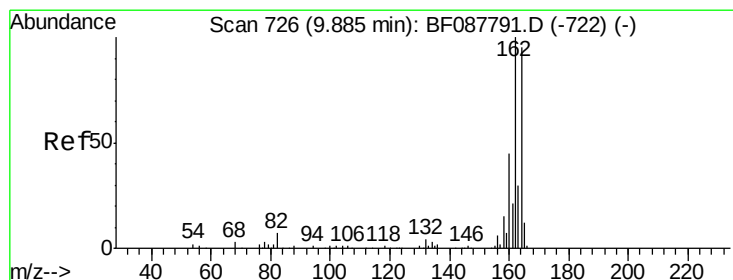
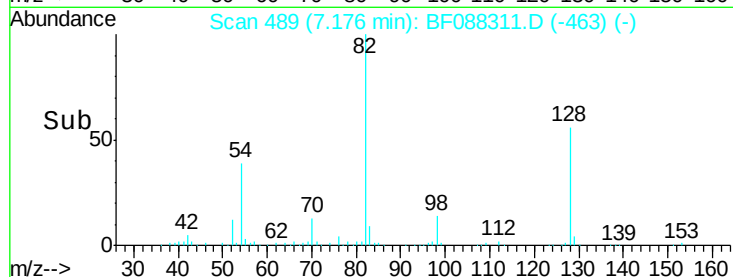
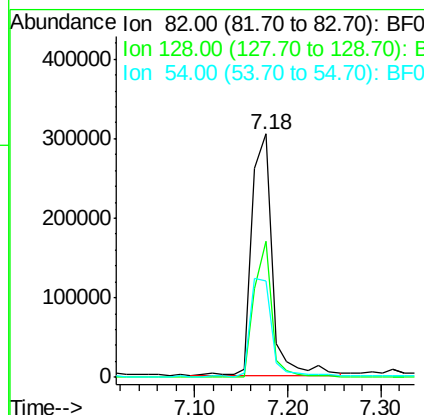
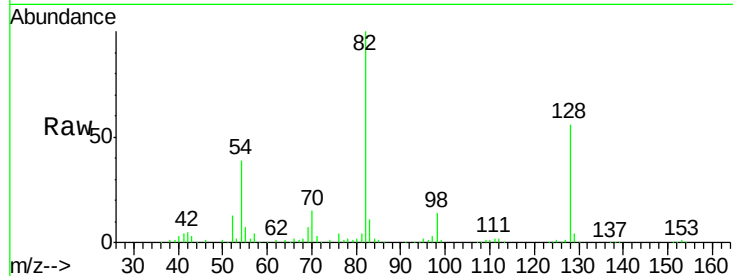




#23
Nitrobenzene-d5
Concen: 93.91 ng
RT: 7.18 min Scan# 489
Delta R.T. 0.00 min
Lab File: BF088311.D
Acq: 24 Jun 2016 2:03

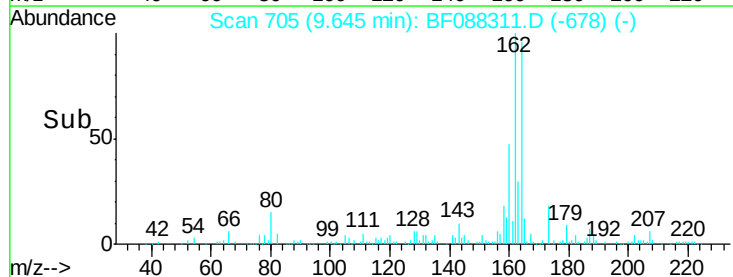
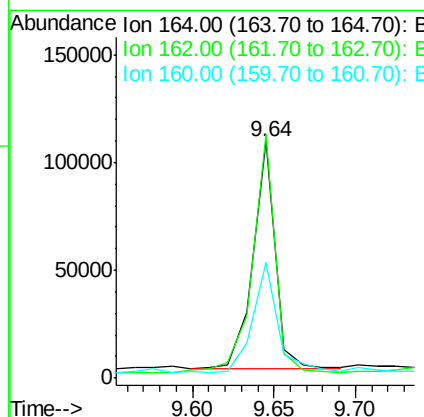
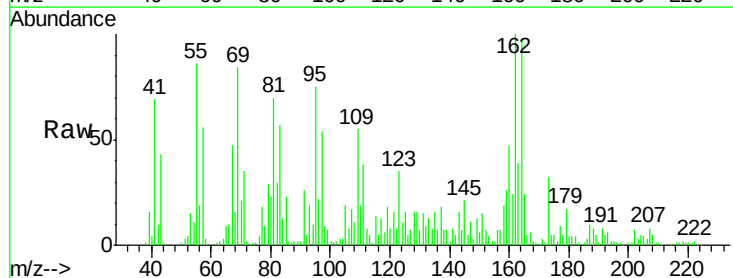
Instrument :
BNA_F
ClientSampleId :
SB-3(3.5-4)

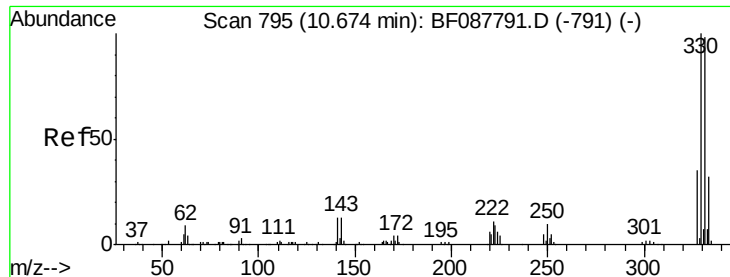
Tgt Ion: 82 Resp: 459144
Ion Ratio Lower Upper
82 100
128 55.7 35.9 53.9#
54 39.4 40.9 61.3#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.64 min Scan# 705
Delta R.T. 0.01 min
Lab File: BF088311.D
Acq: 24 Jun 2016 2:03

Tgt Ion: 164 Resp: 98126
Ion Ratio Lower Upper
164 100
162 102.9 85.4 128.2
160 48.7 39.5 59.3

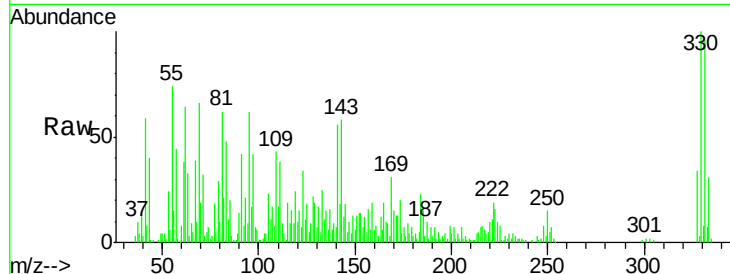




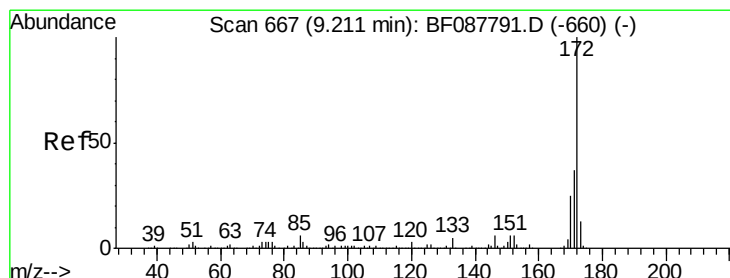
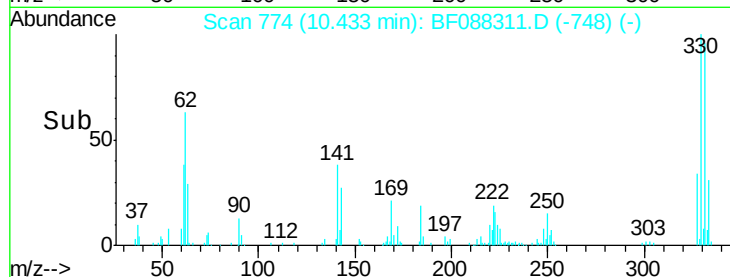
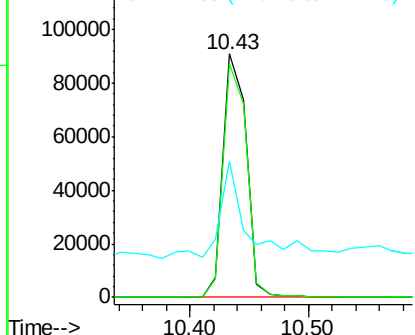
#41
 2,4,6-Tribromophenol
 Concen: 119.19 ng
 RT: 10.43 min Scan# 774
 Delta R.T. 0.00 min
 Lab File: BF088311.D
 Acq: 24 Jun 2016 2:03

Instrument :
 BNA_F
 ClientSampleId :
 SB-3(3.5-4)

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.0	0.0	0.0#
141	49.1	0.0	0.0#

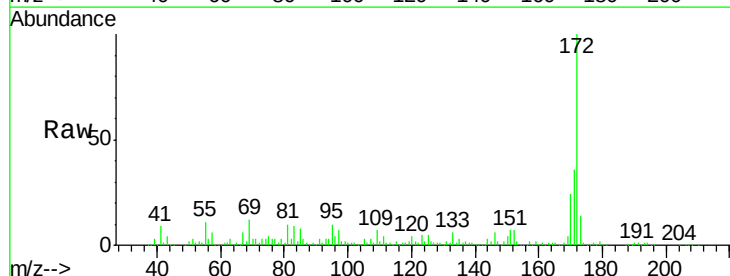


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

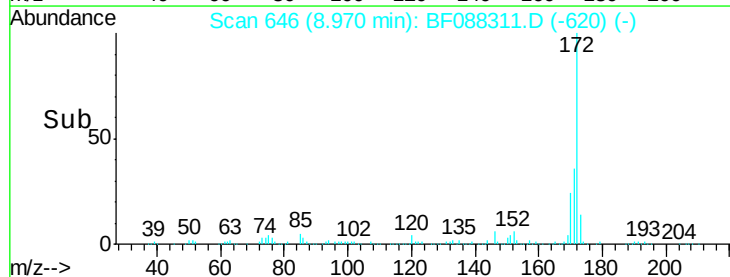
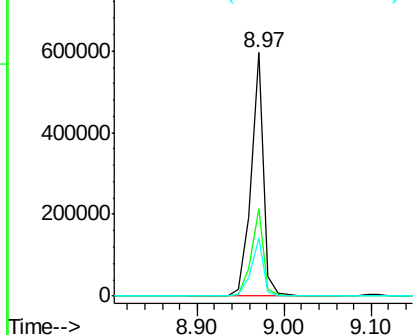


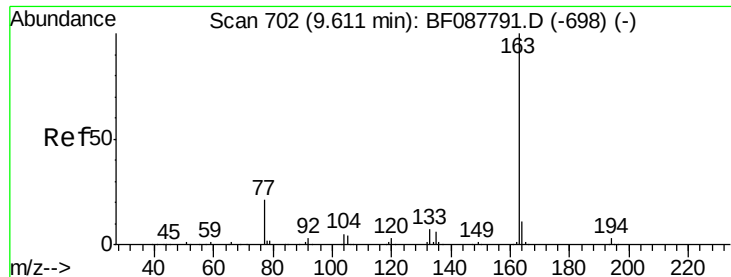
#44
 2-Fluorobiphenyl
 Concen: 96.10 ng
 RT: 8.97 min Scan# 646
 Delta R.T. 0.00 min
 Lab File: BF088311.D
 Acq: 24 Jun 2016 2:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	23.7	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

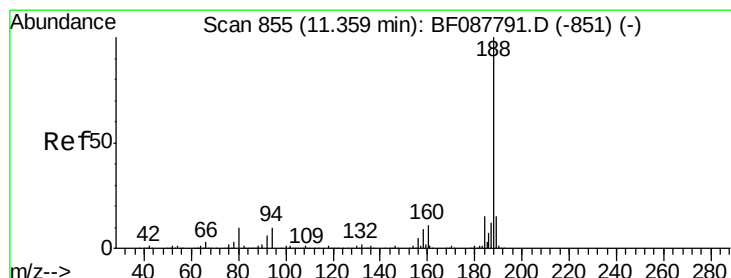
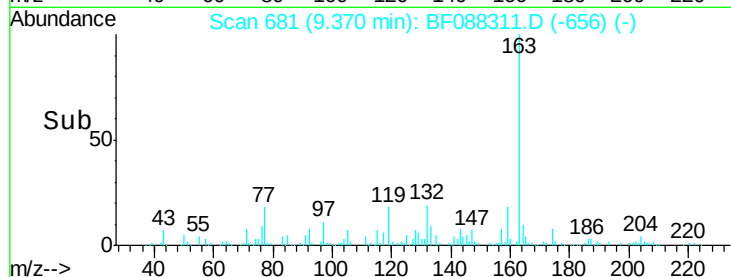
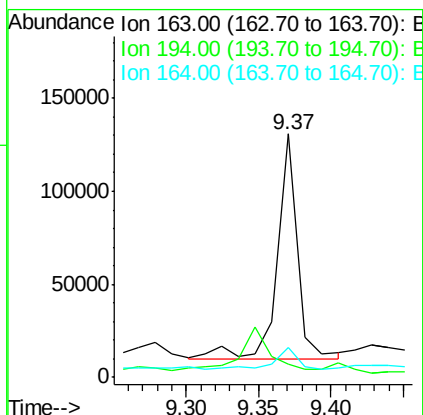
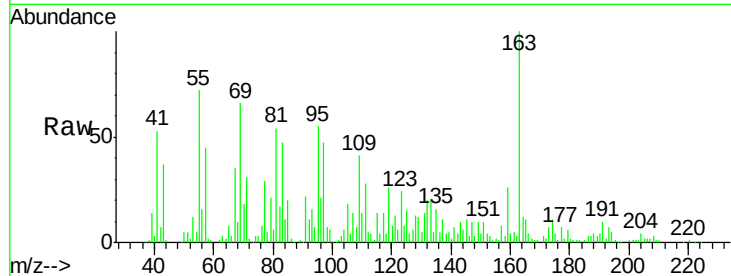




#49
Dimethylphthalate
Concen: 16.54 ng
RT: 9.37 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF088311.D
Acq: 24 Jun 2016 2:03

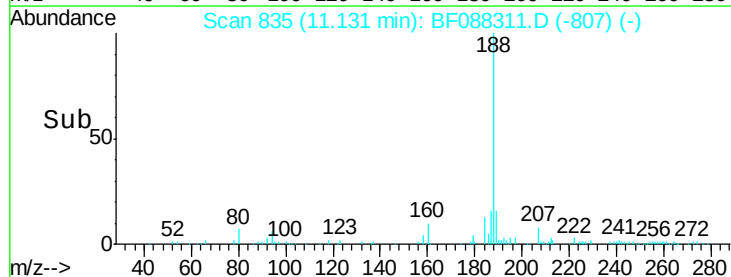
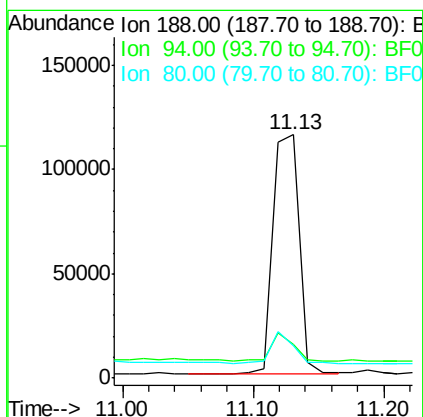
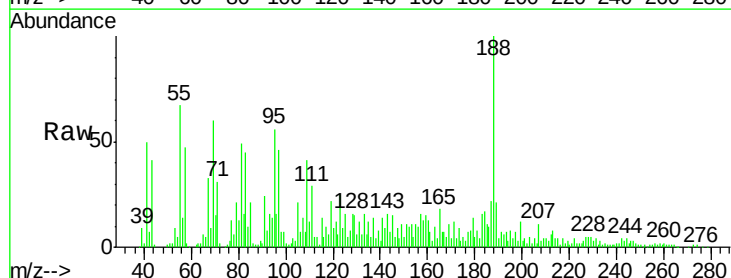
Instrument :
BNA_F
ClientSampleId :
SB-3(3.5-4)

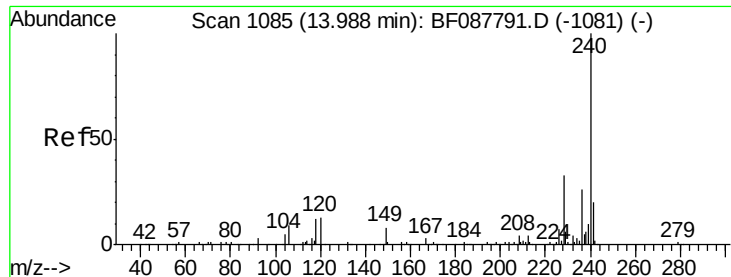
Tgt Ion:163 Resp: 117540
Ion Ratio Lower Upper
163 100
194 5.5 2.8 4.2#
164 12.3 8.3 12.5



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 835
Delta R.T. 0.02 min
Lab File: BF088311.D
Acq: 24 Jun 2016 2:03

Tgt Ion:188 Resp: 161428
Ion Ratio Lower Upper
188 100
94 13.8 9.0 13.6#
80 13.2 10.0 15.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.74 min Scan# 1063

Delta R.T. 0.00 min

Lab File: BF088311.D

Acq: 24 Jun 2016 2:03

Instrument :

BNA_F

ClientSampleId :

SB-3(3.5-4)

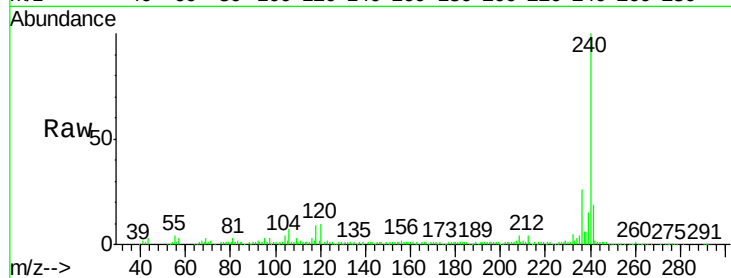
Tgt Ion:240 Resp: 156990

Ion Ratio Lower Upper

240 100 6.8 10.2#

120 10.2 20.2 30.2

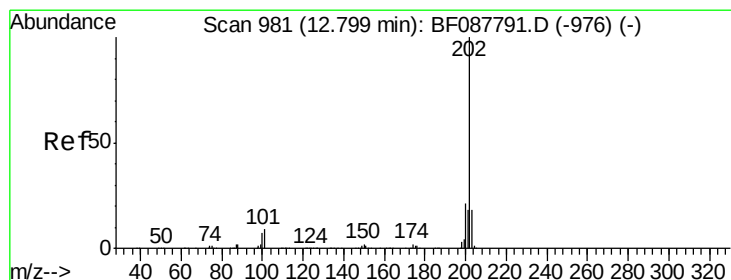
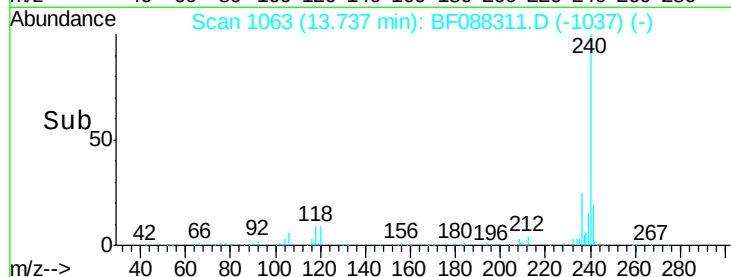
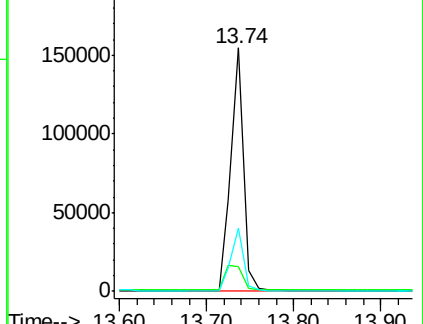
236 25.7 20.2 30.2



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



#77

Pyrene

Concen: 2.91 ng

RT: 12.55 min Scan# 959

Delta R.T. 0.00 min

Lab File: BF088311.D

Acq: 24 Jun 2016 2:03

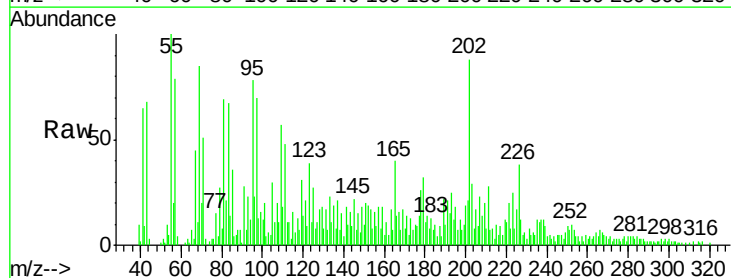
Tgt Ion:202 Resp: 33903

Ion Ratio Lower Upper

202 100 17.4 26.2

200 21.7 14.5 21.7#

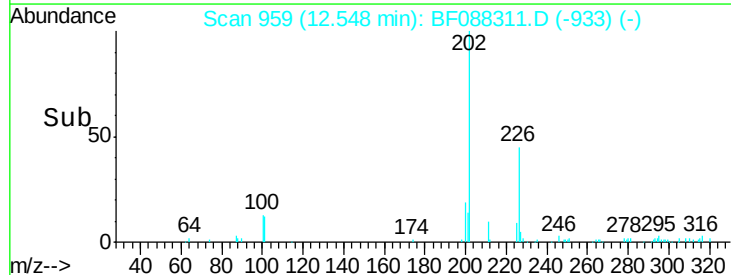
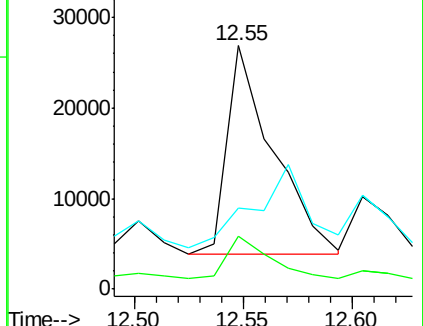
203 33.2 14.5 21.7#

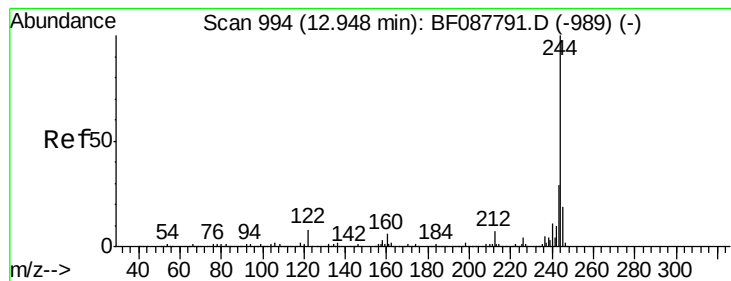


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 66.78 ng

RT: 12.70 min Scan# 972

Delta R.T. 0.00 min

Lab File: BF088311.D

Acq: 24 Jun 2016 2:03

Instrument :

BNA_F

ClientSampleId :

SB-3(3.5-4)

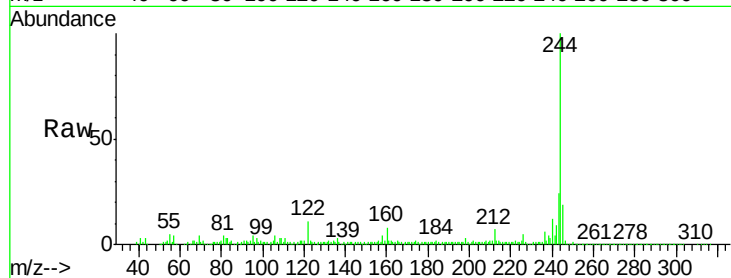
Tgt Ion:244 Resp: 460711

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

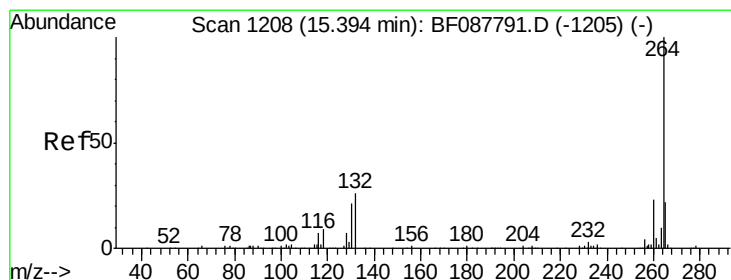
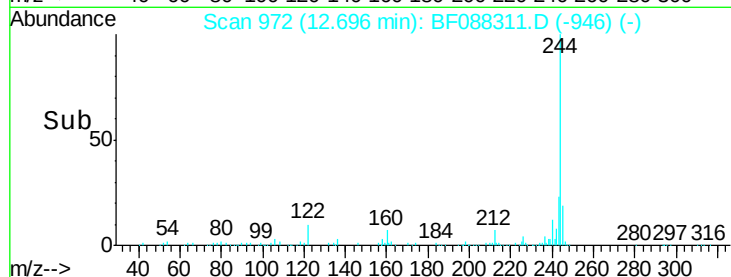
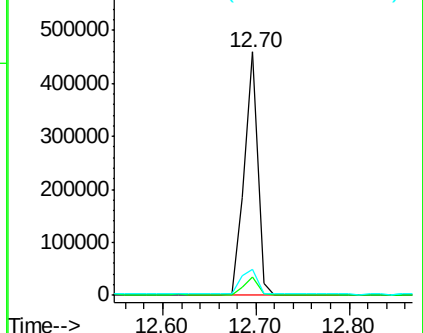
122 10.9 11.2 16.8#



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: 15.09 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BF088311.D

Acq: 24 Jun 2016 2:03

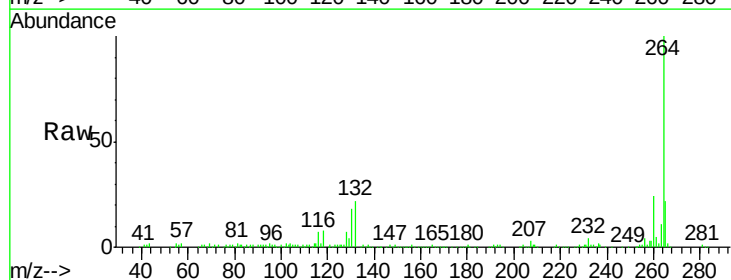
Tgt Ion:264 Resp: 163500

Ion Ratio Lower Upper

264 100

260 24.1 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

