

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080116\
 Data File : BF089537.D
 Acq On : 2 Aug 2016 4:25
 Operator : UM/SJ
 Sample : H4288-16
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-67-0.5-1.5

Quant Time: Aug 02 05:03:40 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 02 02:21:57 2016
 Response via : Initial Calibration

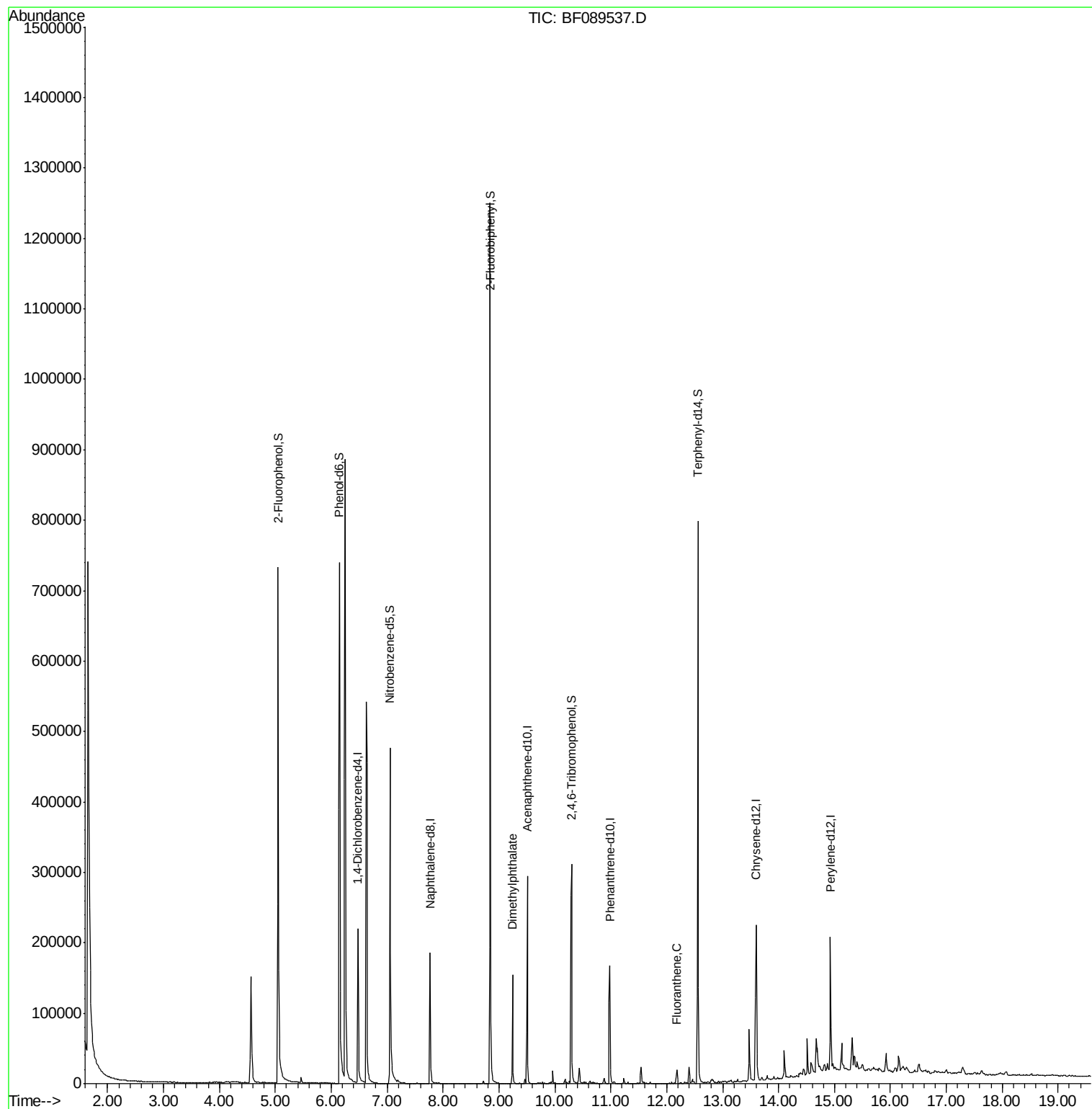
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	40900	20.00	ng	0.00
21) Naphthalene-d8	7.77	136	145313	20.00	ng	0.00
38) Acenaphthene-d10	9.51	164	58849	20.00	ng	-0.01
63) Phenanthrene-d10	10.98	188	91249	20.00	ng	0.00
75) Chrysene-d12	13.60	240	89872	20.00	ng	-0.01
86) Perylene-d12	14.93	264	76388	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	273843	106.91	ng	0.01
7) Phenol-d6	6.15	99	377652	111.56	ng	0.00
23) Nitrobenzene-d5	7.05	82	210726	85.60	ng	-0.01
41) 2,4,6-Tribromophenol	10.30	330	48186	98.86	ng	-0.01
44) 2-Fluorobiphenyl	8.84	172	372049	92.78	ng	-0.01
78) Terphenyl-d14	12.56	244	235585	61.35	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.24	163	60176	13.44	ng	99
74) Fluoranthene	12.18	202	11146	2.25	ng	99

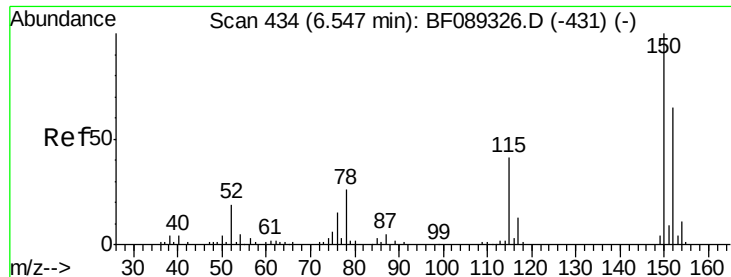
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.48 min Scan# 428

Delta R.T. 0.00 min

Lab File: BF089537.D

Acq: 2 Aug 2016 4:25

Instrument :

BNA_F

ClientSampleId :

SB-67-0.5-1.5

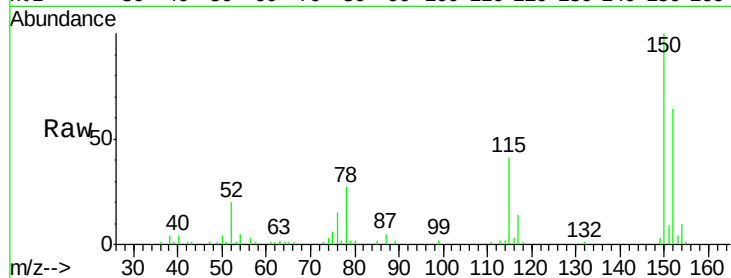
Tot Ion:152 Resp: 40900

Ion Ratio Lower Upper

152 100

150 157.1 129.5 194.3

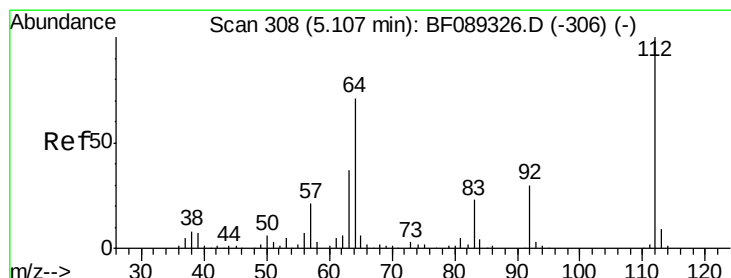
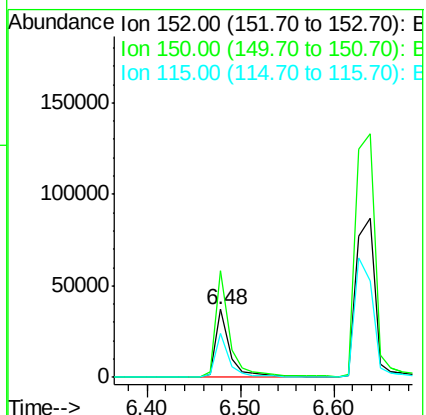
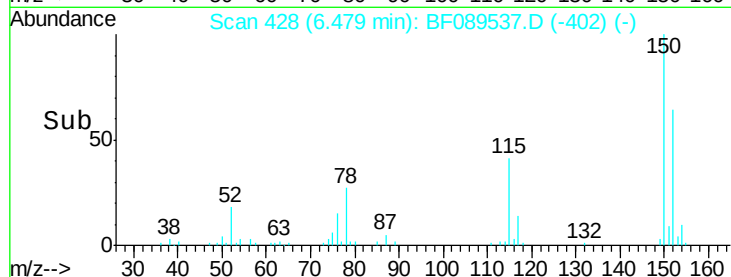
115 64.4 51.4 77.2



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: 106.91 ng

RT: 5.05 min Scan# 303

Delta R.T. 0.01 min

Lab File: BF089537.D

Acq: 2 Aug 2016 4:25

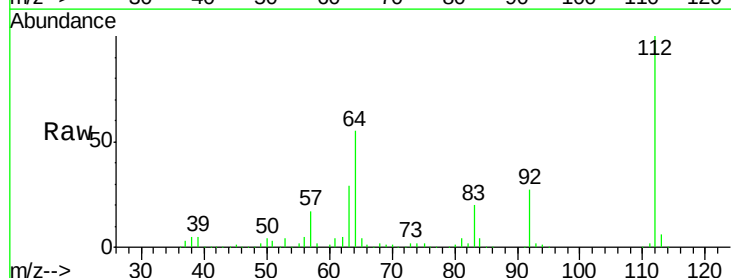
Tgt Ion:112 Resp: 273843

Ion Ratio Lower Upper

112 100

64 55.0 55.0 82.6#

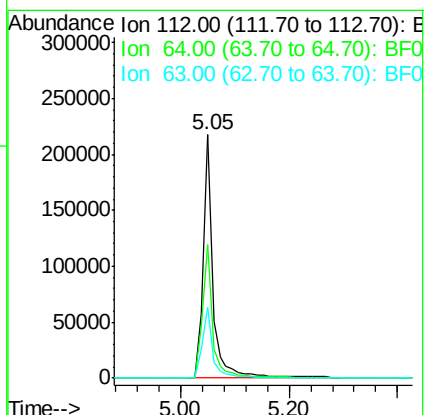
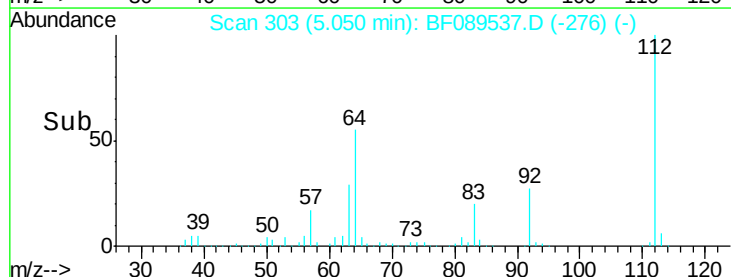
63 29.2 29.4 44.2#

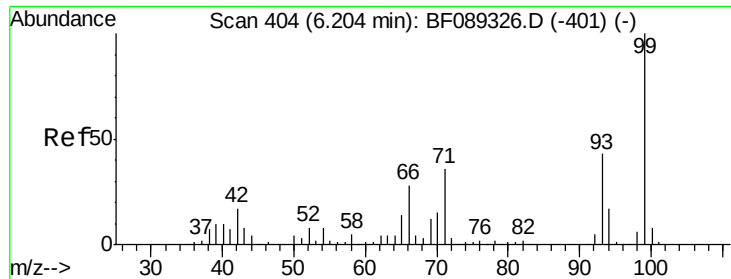


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 111.56 ng

RT: 6.15 min Scan# 399

Delta R.T. 0.00 min

Lab File: BF089537.D

Acq: 2 Aug 2016 4:25

Instrument :

BNA_F

ClientSampleId :

SB-67-0.5-1.5

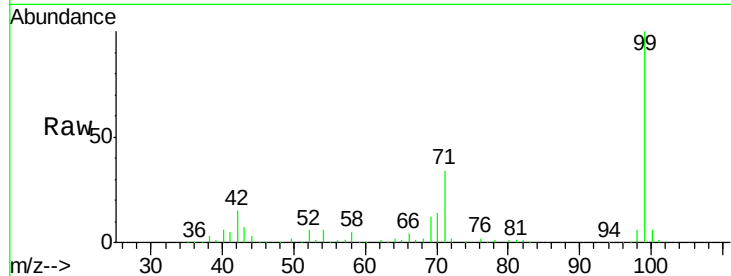
Tot Ion: 99 Resp: 377652

Ion Ratio Lower Upper

99 100

42 15.1 13.6 20.4

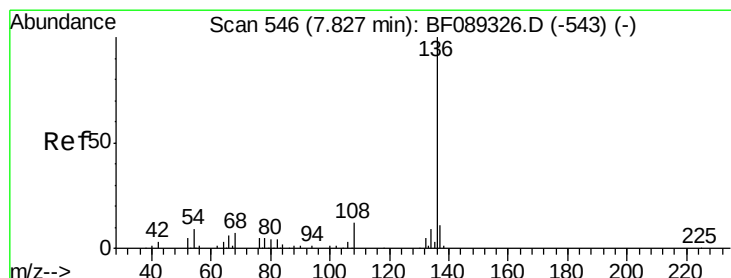
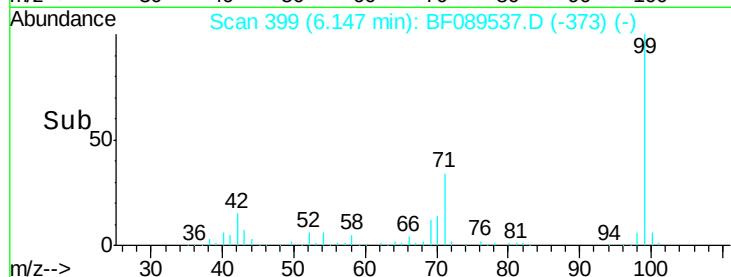
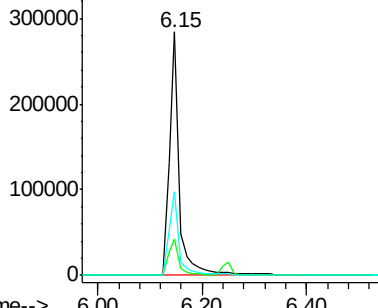
71 34.2 29.4 44.2



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: 7.77 min Scan# 541

Delta R.T. 0.00 min

Lab File: BF089537.D

Acq: 2 Aug 2016 4:25

Tgt Ion: 136 Resp: 145313

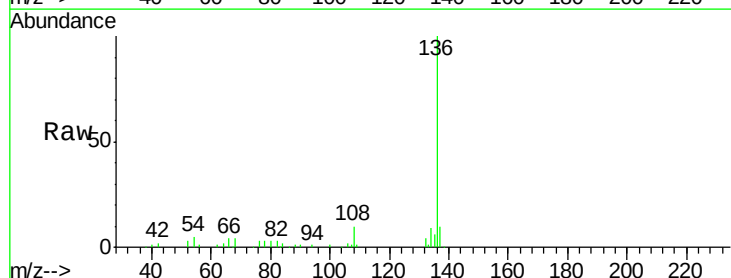
Ion Ratio Lower Upper

136 100

137 10.5 8.6 13.0

54 5.3 7.0 10.4#

68 4.4 4.9 7.3#

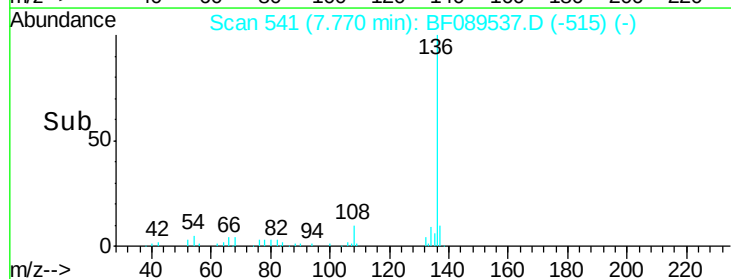
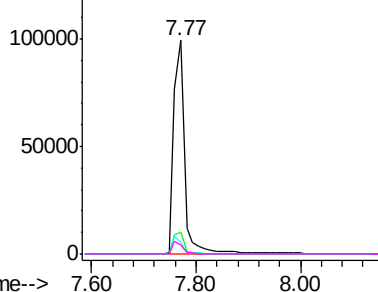


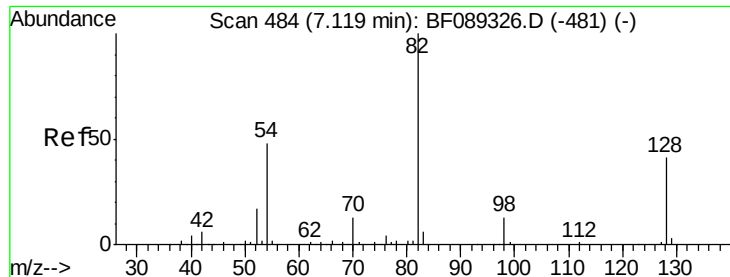
Abundance Ion 136.00 (135.70 to 136.70): E

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

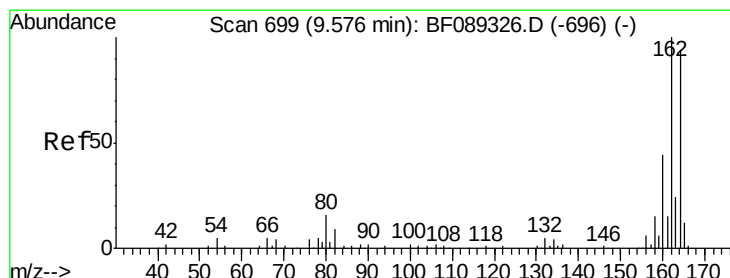
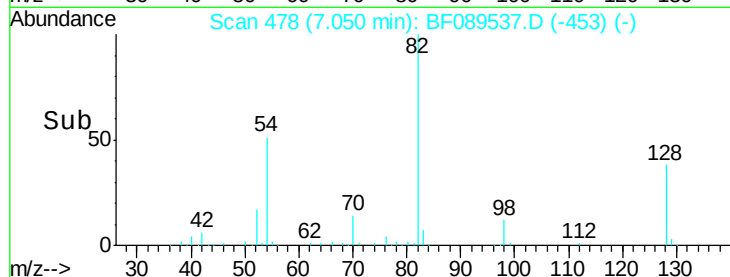
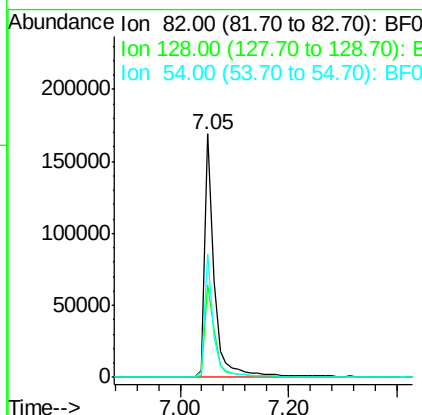
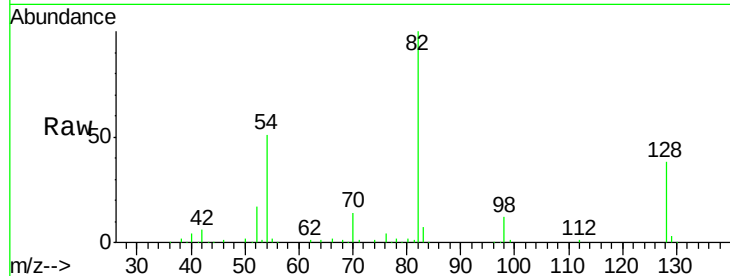




#23
 Nitrobenzene-d5
 Concen: 85.60 ng
 RT: 7.05 min Scan# 478
 Delta R.T. -0.01 min
 Lab File: BF089537.D
 Acq: 2 Aug 2016 4:25

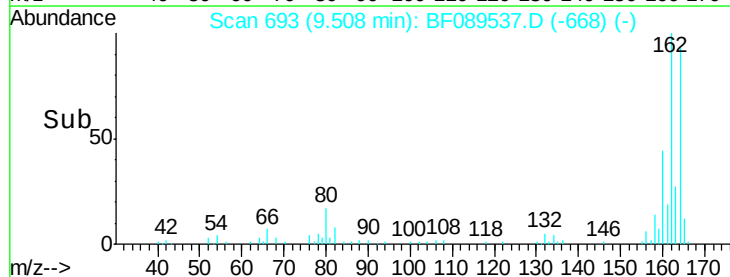
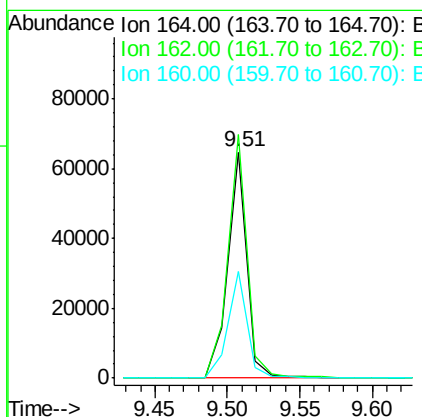
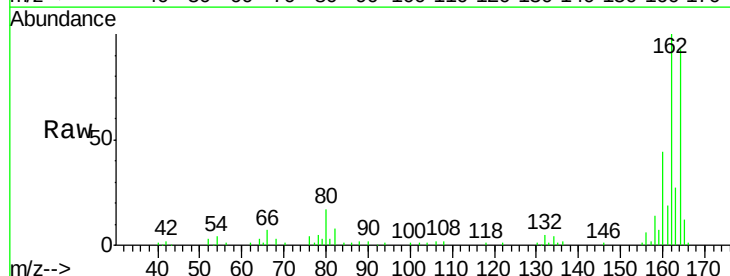
Instrument :
 BNA_F
 ClientSampleId :
 SB-67-0.5-1.5

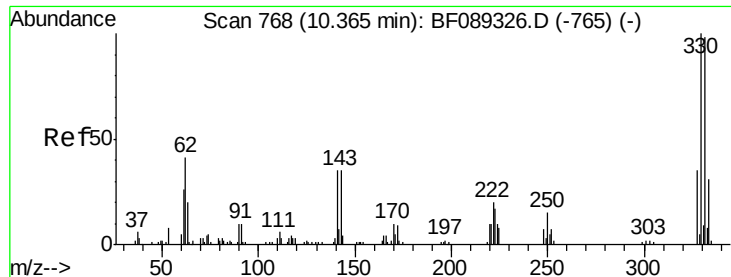
Tot Ion: 82 Resp: 210726
 Ion Ratio Lower Upper
 82 100
 128 38.1 32.5 48.7
 54 50.5 38.8 58.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.51 min Scan# 693
 Delta R.T. -0.01 min
 Lab File: BF089537.D
 Acq: 2 Aug 2016 4:25

Tgt Ion: 164 Resp: 58849
 Ion Ratio Lower Upper
 164 100
 162 107.8 83.7 125.5
 160 47.3 37.8 56.6

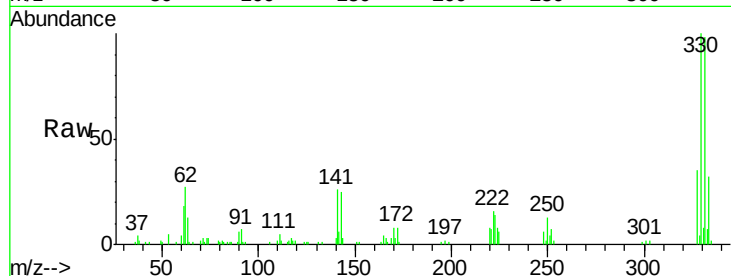




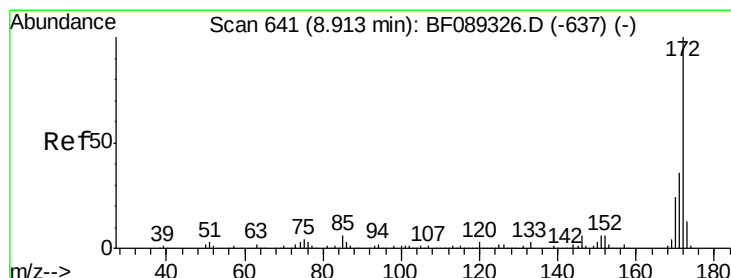
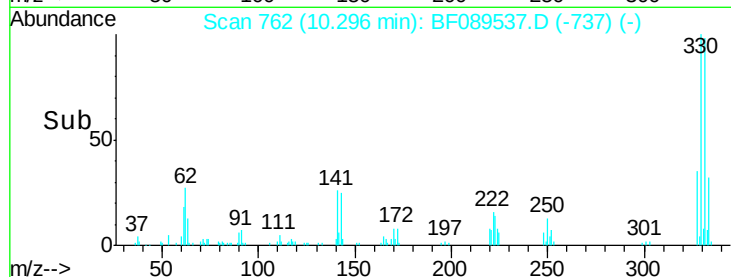
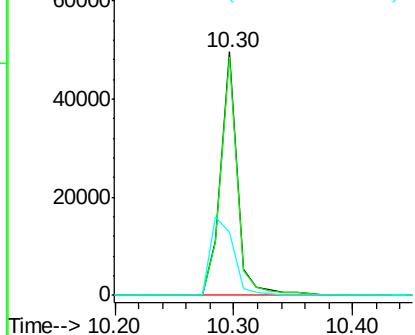
#41
 2,4,6-Tribromophenol
 Concen: 98.86 ng
 RT: 10.30 min Scan# 762
 Delta R.T. -0.01 min
 Lab File: BF089537.D
 Acq: 2 Aug 2016 4:25

Instrument :
 BNA_F
 ClientSampleId :
 SB-67-0.5-1.5

Tot Ion	330	332	141	Ratio	Lower	Upper
330	100					
332		97.3			76.8	115.2
141			44.8		37.3	55.9

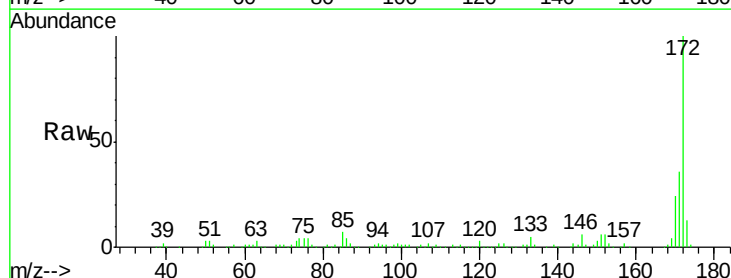


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

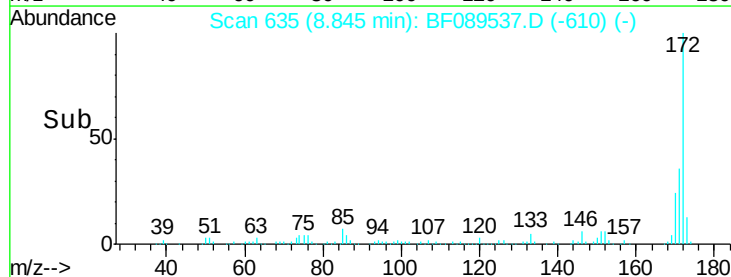
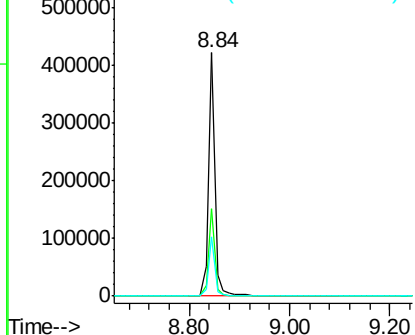


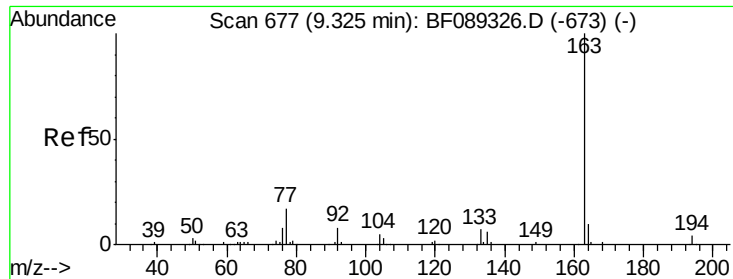
#44
 2-Fluorobiphenyl
 Concen: 92.78 ng
 RT: 8.84 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF089537.D
 Acq: 2 Aug 2016 4:25

Tgt Ion	172	171	170	Ratio	Lower	Upper
172	100					
171		36.2			29.2	43.8
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

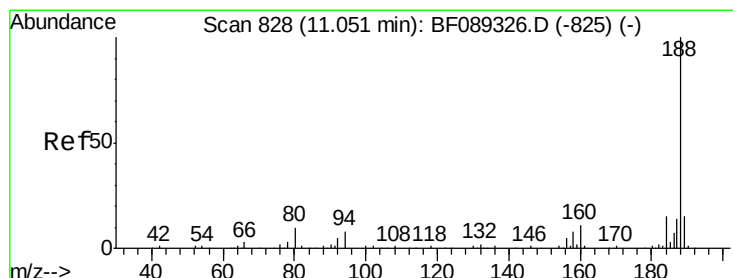
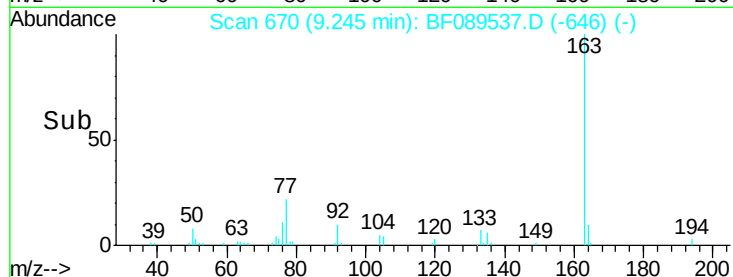
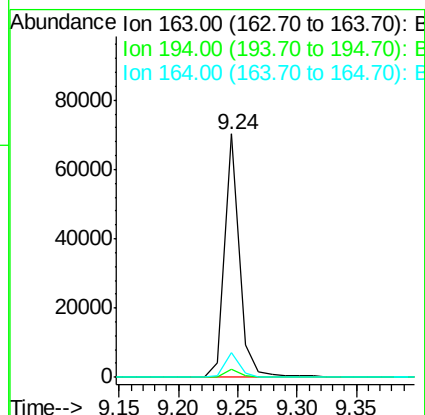
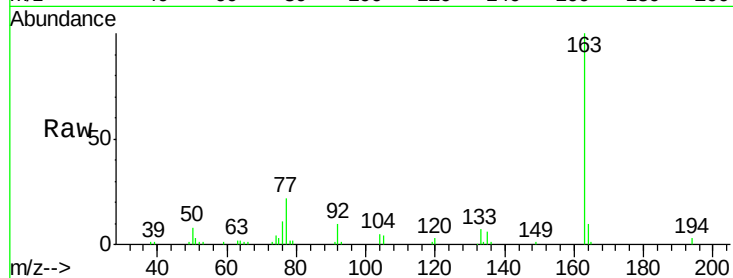




#49
Dimethylphthalate
Concen: 13.44 ng
RT: 9.24 min Scan# 670
Delta R.T. -0.02 min
Lab File: BF089537.D
Acq: 2 Aug 2016 4:25

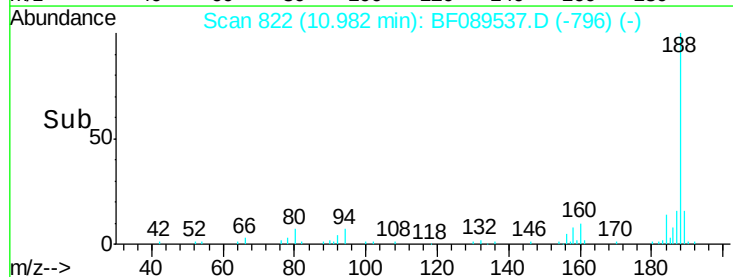
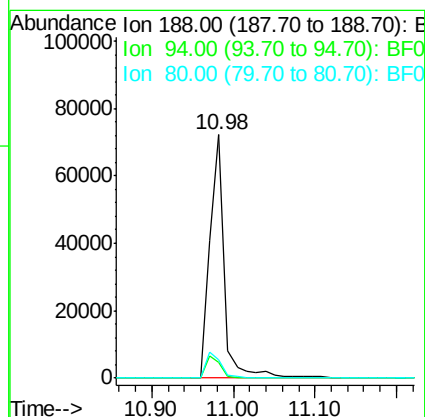
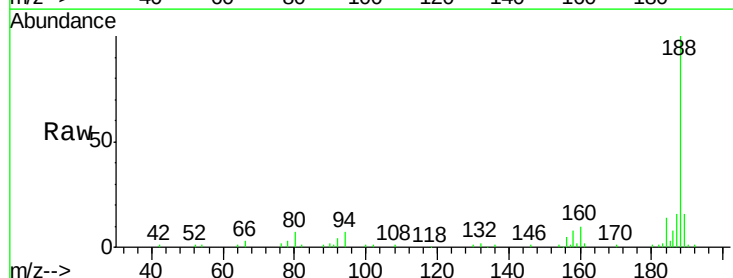
Instrument :
BNA_F
ClientSampleId :
SB-67-0.5-1.5

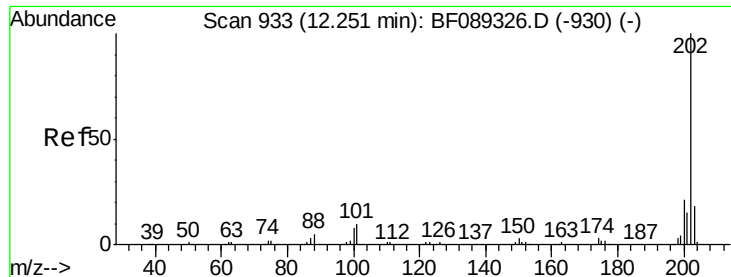
Tot Ion:163 Resp: 60176
Ion Ratio Lower Upper
163 100
194 3.2 2.8 4.2
164 10.3 7.8 11.8



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.98 min Scan# 822
Delta R.T. 0.00 min
Lab File: BF089537.D
Acq: 2 Aug 2016 4:25

Tgt Ion:188 Resp: 91249
Ion Ratio Lower Upper
188 100
94 6.7 6.5 9.7
80 7.4 7.2 10.8

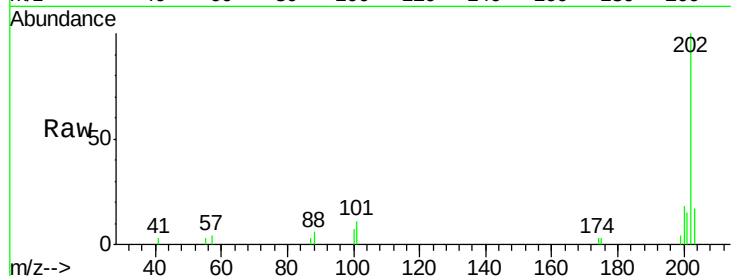




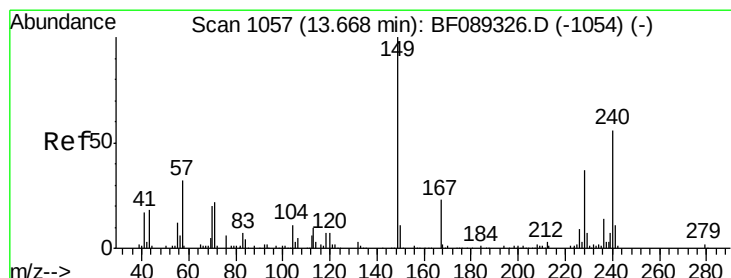
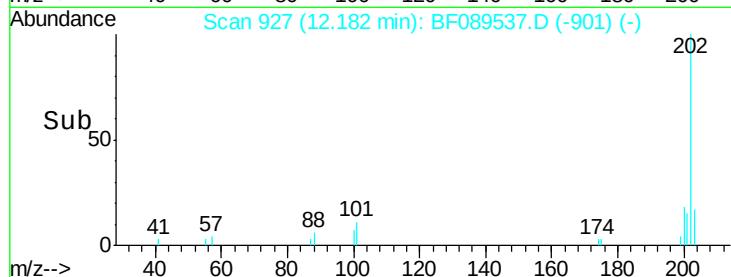
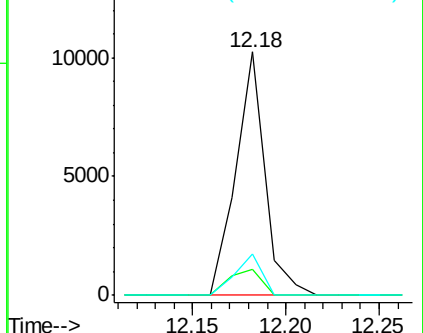
#74
Fluoranthene
Concen: 2.25 ng
RT: 12.18 min Scan# 927
Delta R.T. 0.00 min
Lab File: BF089537.D
Acq: 2 Aug 2016 4:25

Instrument :
BNA_F
ClientSampleId :
SB-67-0.5-1.5

Tot Ion:202 Resp: 11146
Ion Ratio Lower Upper
202 100
101 10.6 0.0 29.9
203 17.1 0.0 37.3

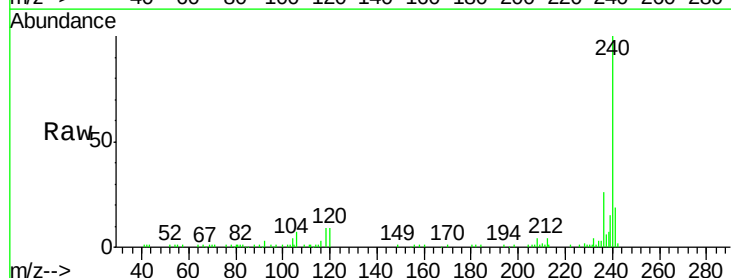


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

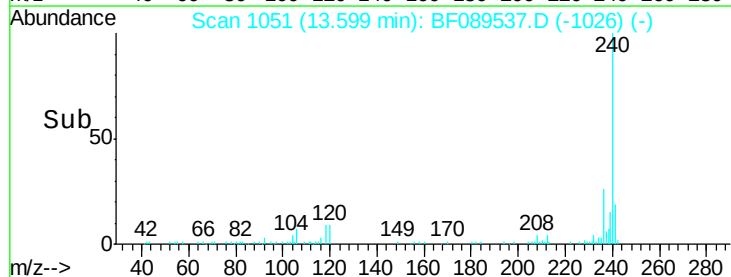
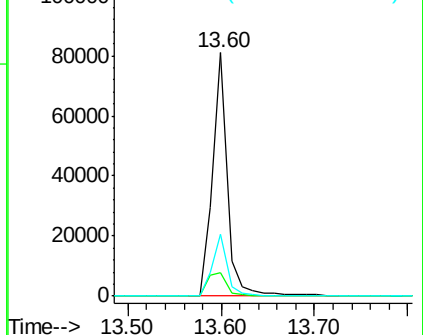


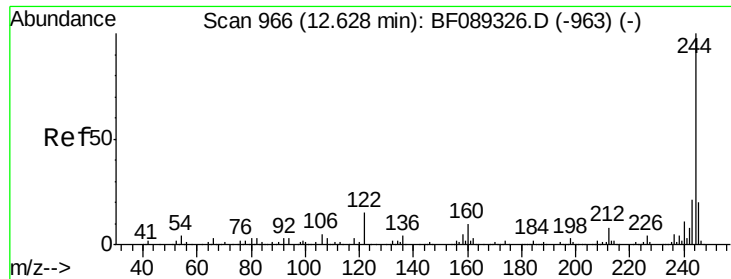
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.60 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BF089537.D
Acq: 2 Aug 2016 4:25

Tgt Ion:240 Resp: 89872
Ion Ratio Lower Upper
240 100
120 9.4 9.1 13.7
236 25.6 20.6 30.8



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: 61.35 ng

RT: 12.56 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF089537.D

Acq: 2 Aug 2016 4:25

Instrument :

BNA_F

ClientSampleId :

SB-67-0.5-1.5

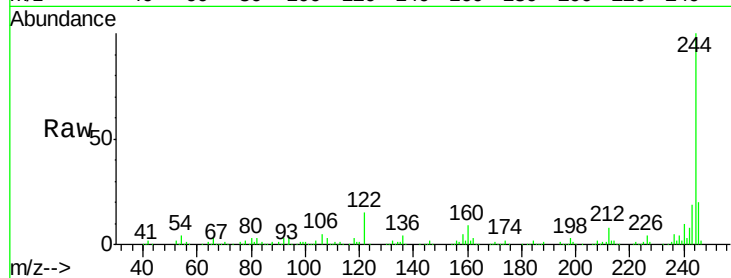
Tot Ion:244 Resp: 235585

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

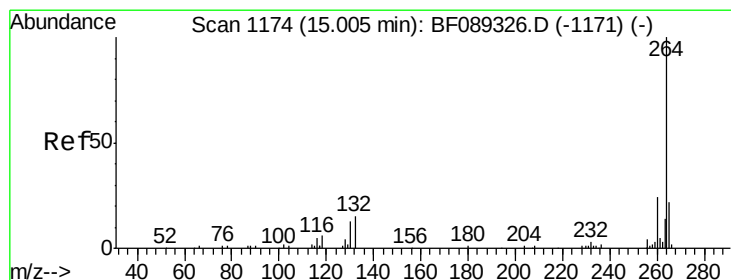
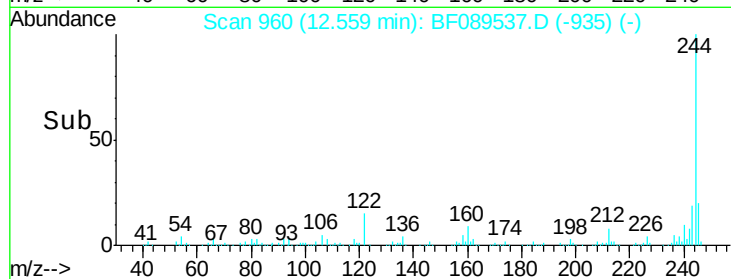
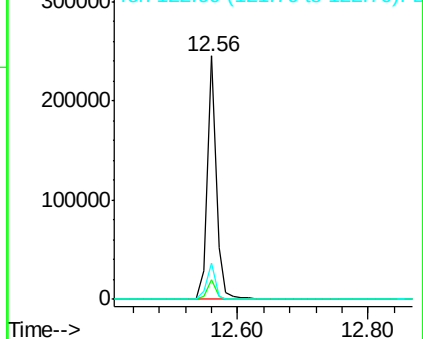
122 15.1 11.4 17.0



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: 14.93 min Scan# 1167

Delta R.T. -0.01 min

Lab File: BF089537.D

Acq: 2 Aug 2016 4:25

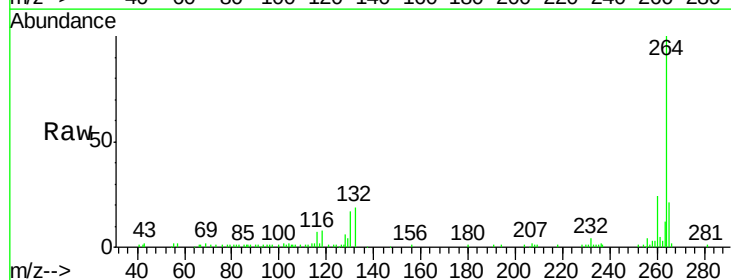
Tgt Ion:264 Resp: 76388

Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.4

265 21.2 17.5 26.3



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

