

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051116\
 Data File : BF086905.D
 Acq On : 11 May 2016 23:31
 Operator : UM/SJ
 Sample : H2940-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E20(16-16.5)

Quant Time: May 12 01:38:45 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 12 01:06:48 2016
 Response via : Initial Calibration

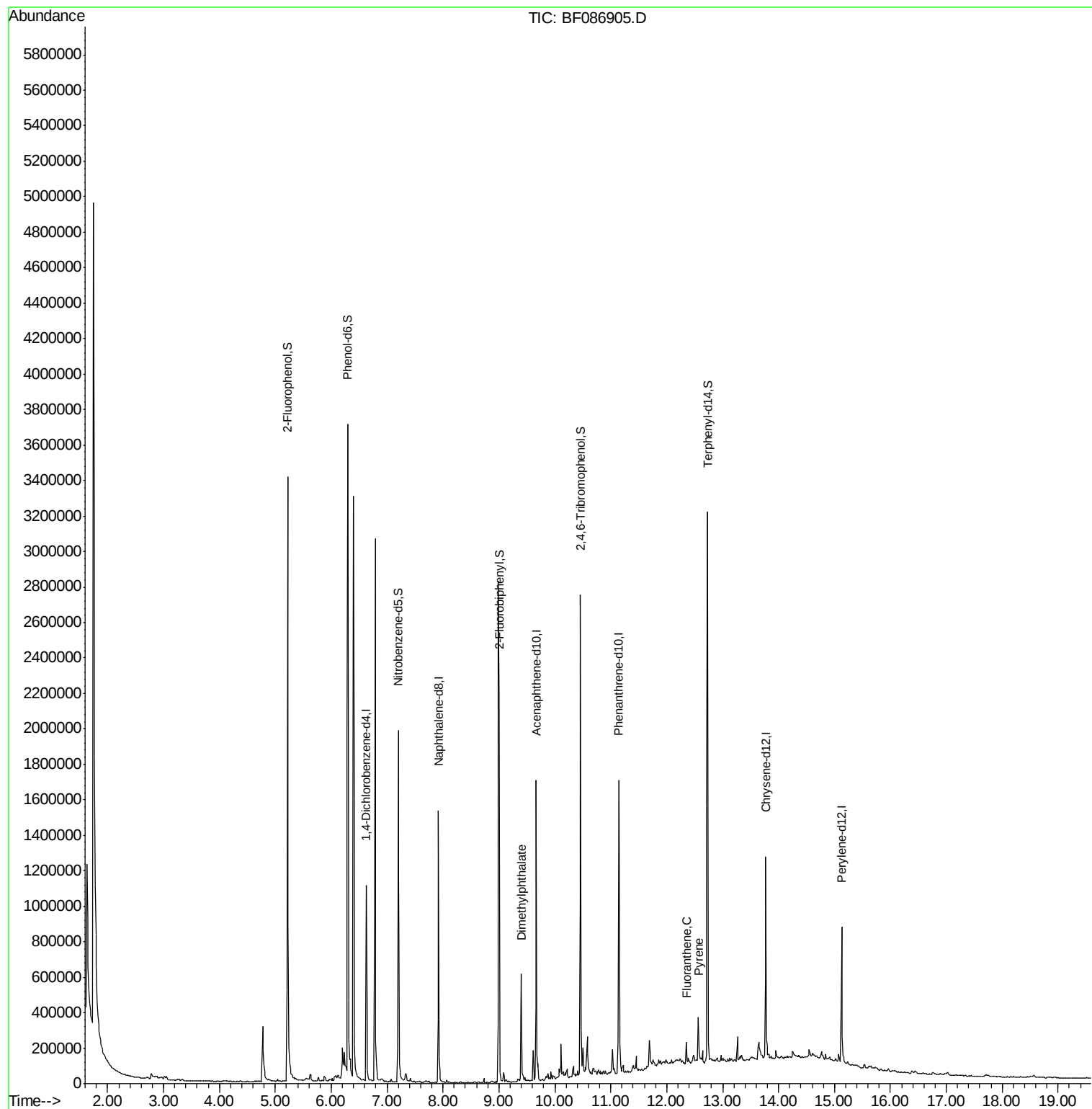
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	155623	20.00	ng	-0.01
21) Naphthalene-d8	7.92	136	654394	20.00	ng	0.00
38) Acenaphthene-d10	9.67	164	311961	20.00	ng	-0.01
63) Phenanthrene-d10	11.14	188	542818	20.00	ng	-0.01
75) Chrysene-d12	13.77	240	406458	20.00	ng	-0.01
86) Perylene-d12	15.13	264	317250	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	895807	97.48	ng	0.00
7) Phenol-d6	6.30	99	1360212	110.75	ng	-0.01
23) Nitrobenzene-d5	7.20	82	751892	57.69	ng	-0.02
41) 2,4,6-Tribromophenol	10.46	330	311027	94.18	ng	-0.01
44) 2-Fluorobiphenyl	9.00	172	1218041	65.62	ng	0.00
78) Terphenyl-d14	12.73	244	1029797	53.76	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.40	163	350315	14.72	ng	98
74) Fluoranthene	12.35	202	69101	2.32	ng	93
77) Pyrene	12.57	202	65446	2.10	ng	97

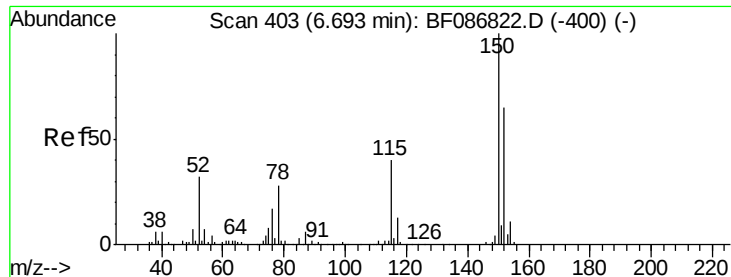
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu May 12 01:06:48 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.63 min Scan# 441

Delta R.T. -0.01 min

Lab File: BF086905.D

Acq: 11 May 2016 23:31

Instrument :

BNA_F

ClientSampleId :

E20(16-16.5)

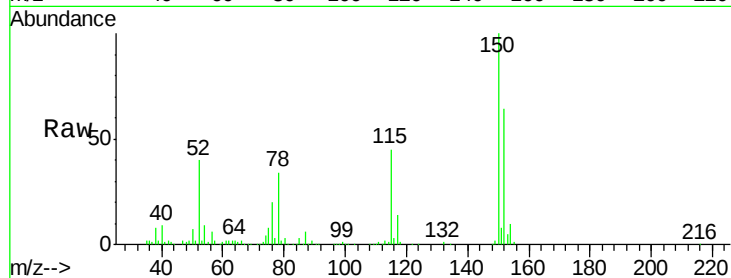
Tgt Ion:152 Resp: 155623

Ion Ratio Lower Upper

152 100

150 157.4 125.8 188.6

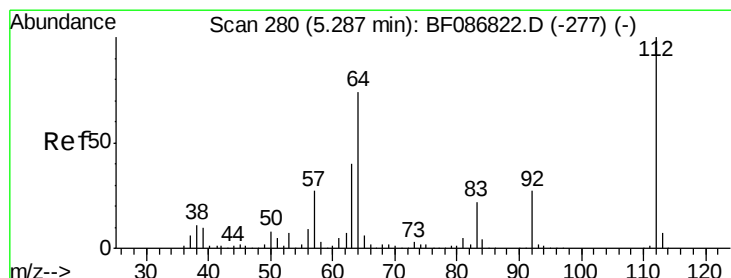
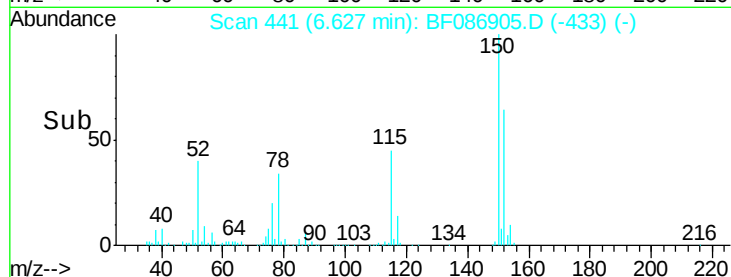
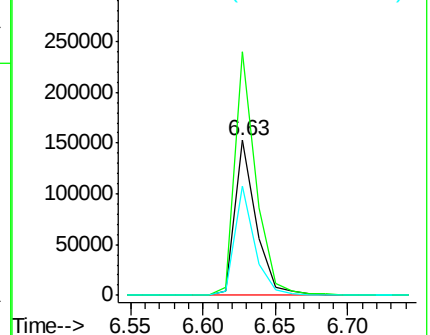
115 70.2 51.5 77.3



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: 97.48 ng

RT: 5.22 min Scan# 318

Delta R.T. -0.00 min

Lab File: BF086905.D

Acq: 11 May 2016 23:31

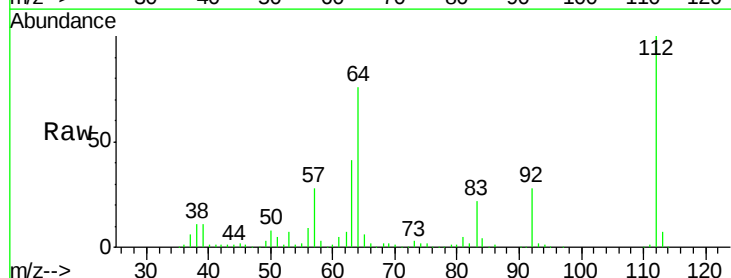
Tgt Ion:112 Resp: 895807

Ion Ratio Lower Upper

112 100

64 76.1 52.1 78.1

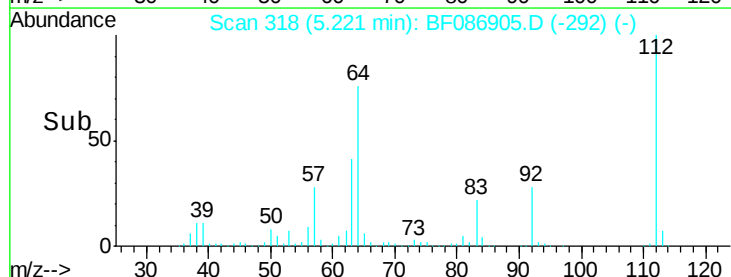
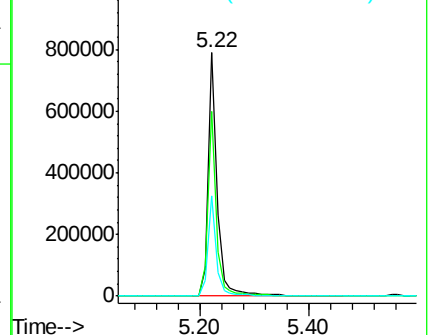
63 41.0 25.7 38.5

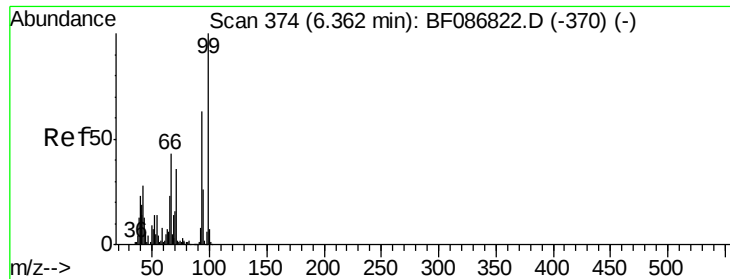


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 110.75 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.01 min

Lab File: BF086905.D

Acq: 11 May 2016 23:31

Instrument :

BNA_F

ClientSampleId :

E20(16-16.5)

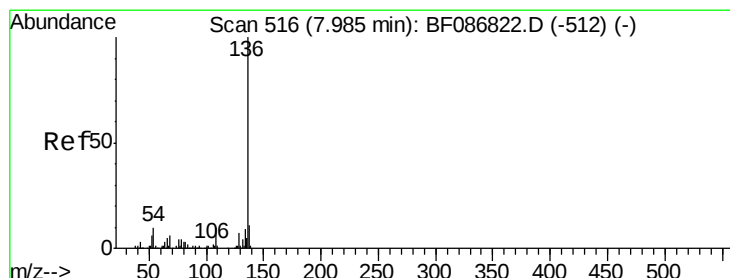
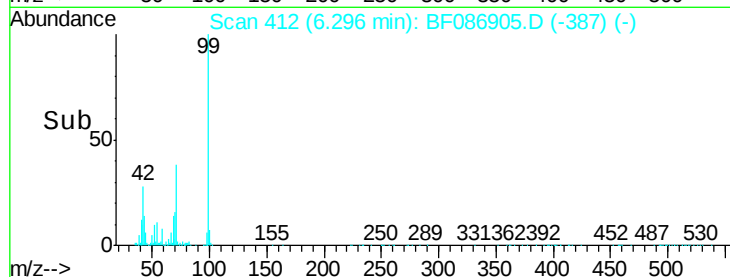
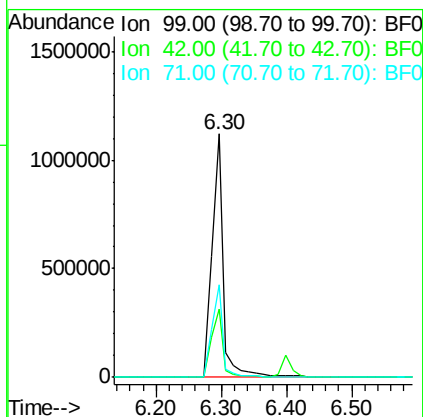
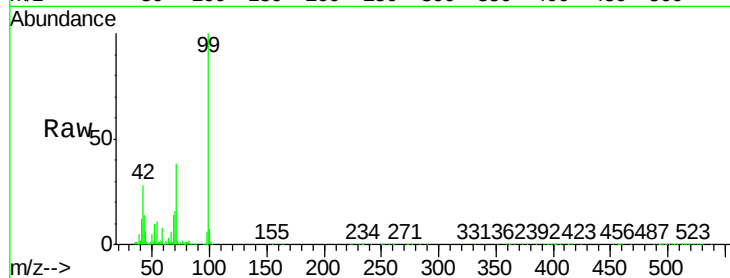
Tgt Ion: 99 Resp: 1360212

Ion Ratio Lower Upper

99 100

42 27.9 13.6 20.4#

71 38.2 24.6 36.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.92 min Scan# 554

Delta R.T. -0.00 min

Lab File: BF086905.D

Acq: 11 May 2016 23:31

Tgt Ion: 136 Resp: 654394

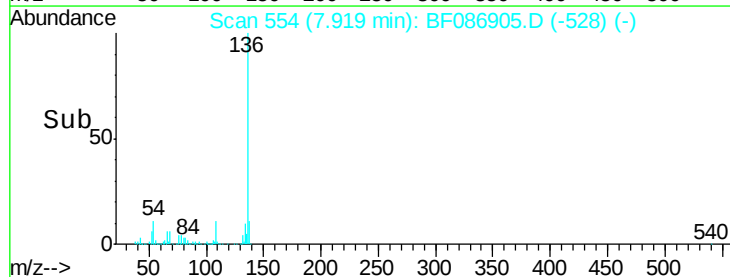
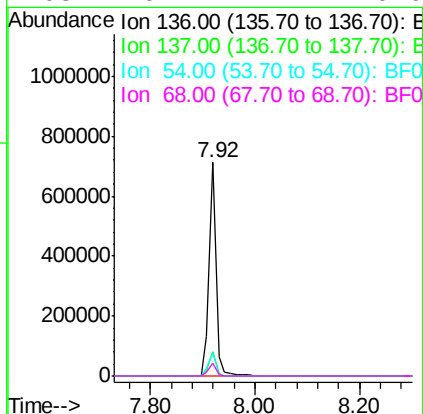
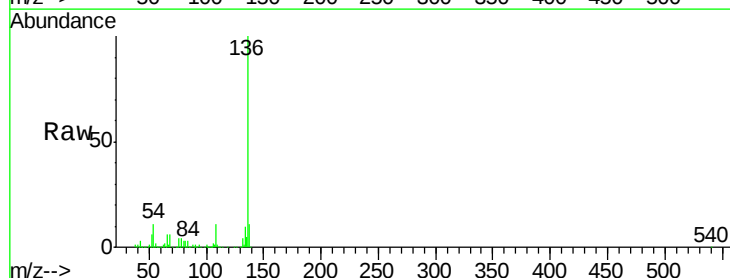
Ion Ratio Lower Upper

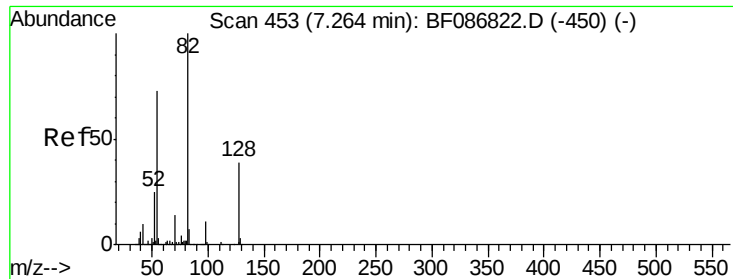
136 100

137 11.1 8.8 13.2

54 11.0 5.0 7.4#

68 6.2 4.4 6.6





#23

Nitrobenzene-d5

Concen: 57.69 ng

RT: 7.20 min Scan# 491

Delta R.T. -0.02 min

Lab File: BF086905.D

Acq: 11 May 2016 23:31

Instrument :

BNA_F

ClientSampleId :

E20(16-16.5)

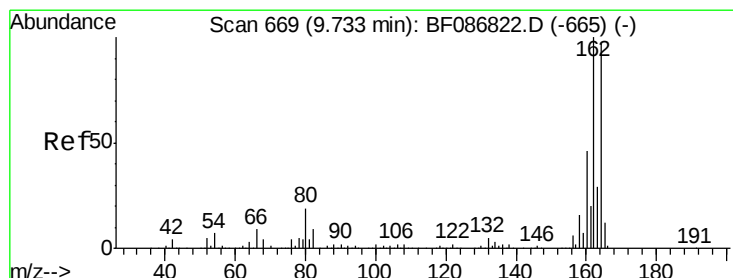
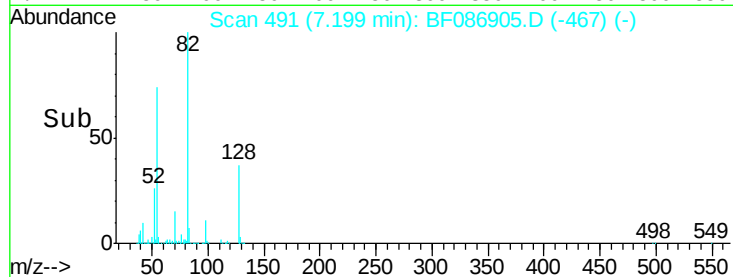
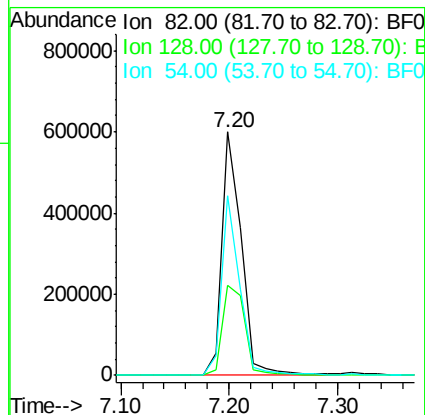
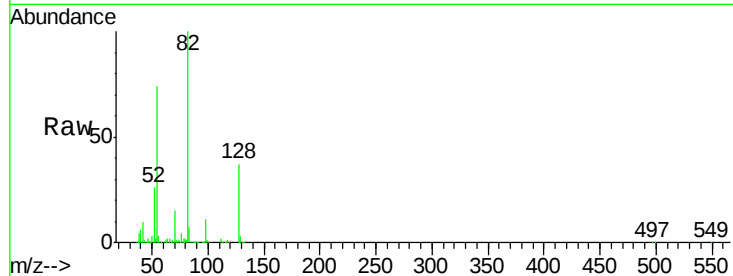
Tgt Ion: 82 Resp: 751892

Ion Ratio Lower Upper

82 100

128 37.0 40.6 61.0#

54 73.9 38.1 57.1#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.67 min Scan# 707

Delta R.T. -0.01 min

Lab File: BF086905.D

Acq: 11 May 2016 23:31

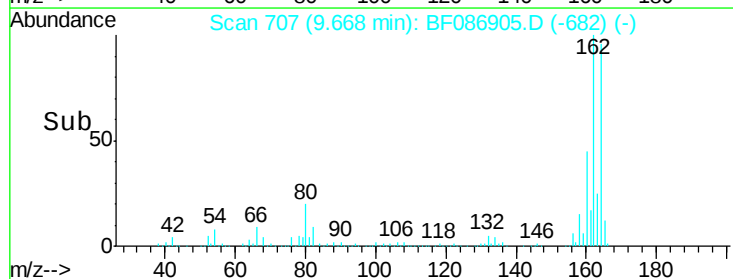
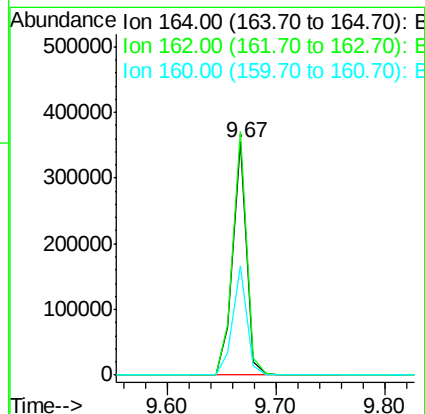
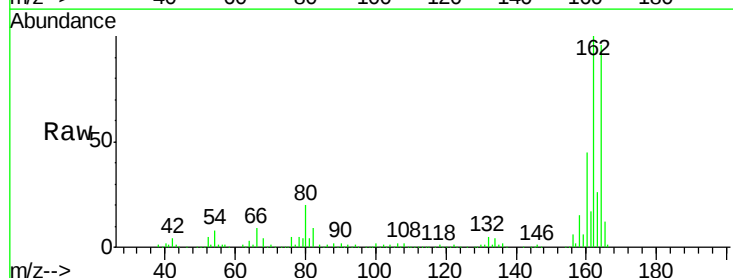
Tgt Ion: 164 Resp: 311961

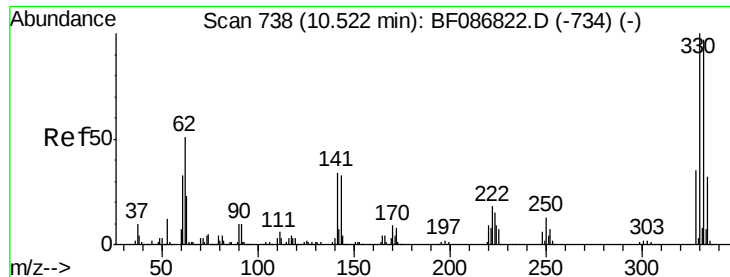
Ion Ratio Lower Upper

164 100

162 104.4 82.8 124.2

160 46.6 36.9 55.3

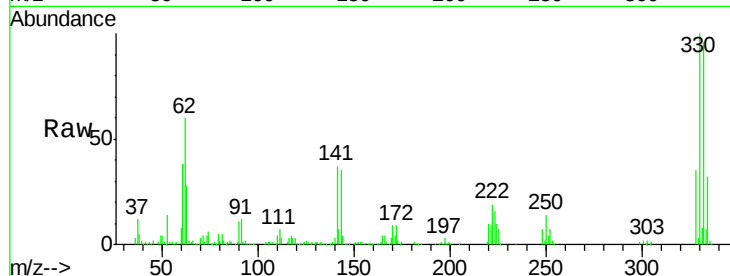




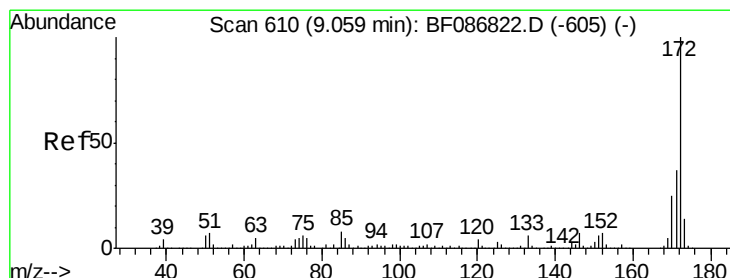
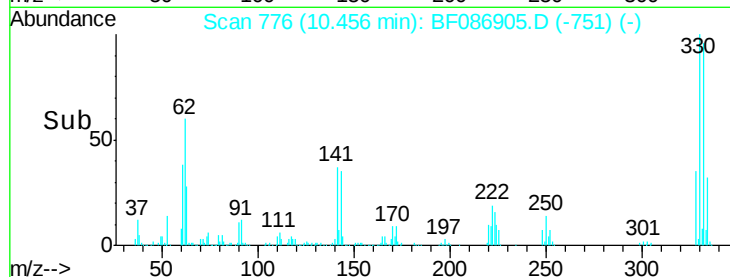
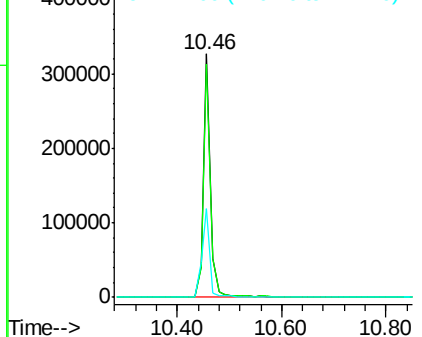
#41
 2,4,6-Tribromophenol
 Concen: 94.18 ng
 RT: 10.46 min Scan# 776
 Delta R.T. -0.01 min
 Lab File: BF086905.D
 Acq: 11 May 2016 23:31

Instrument :
 BNA_F
 ClientSampleId :
 E20(16-16.5)

Tgt Ion:330 Resp: 311027
 Ion Ratio Lower Upper
 330 100
 332 93.9 79.0 118.4
 141 40.8 31.2 46.8

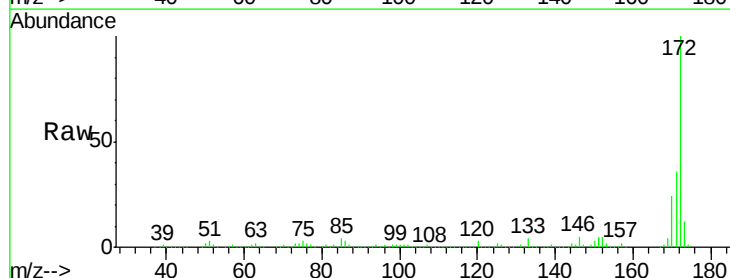


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

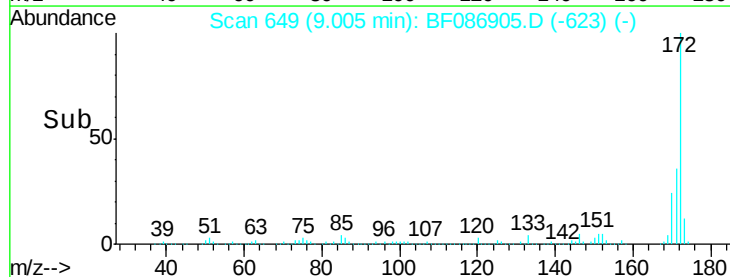
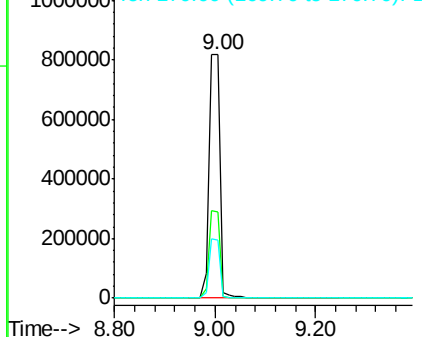


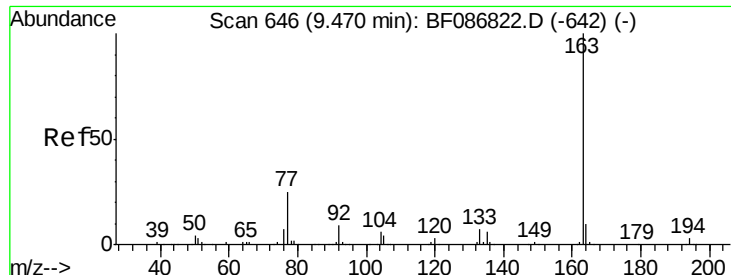
#44
 2-Fluorobiphenyl
 Concen: 65.62 ng
 RT: 9.00 min Scan# 649
 Delta R.T. -0.00 min
 Lab File: BF086905.D
 Acq: 11 May 2016 23:31

Tgt Ion:172 Resp: 1218041
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.0 43.6
 170 24.0 19.8 29.8



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: 14.72 ng

RT: 9.40 min Scan# 684

Delta R.T. -0.01 min

Lab File: BF086905.D

Acq: 11 May 2016 23:31

Instrument :

BNA_F

ClientSampleId :

E20(16-16.5)

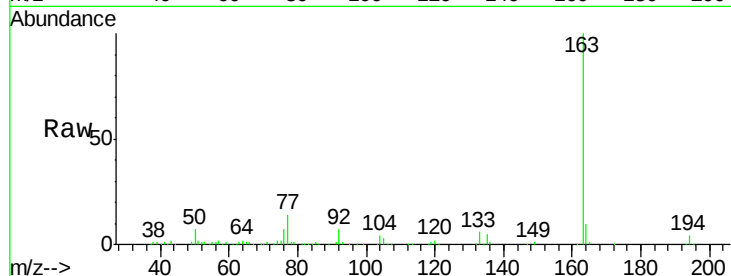
Tgt Ion:163 Resp: 350315

Ion Ratio Lower Upper

163 100

194 3.9 2.6 4.0

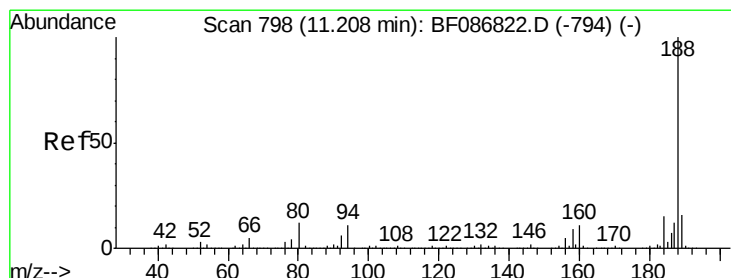
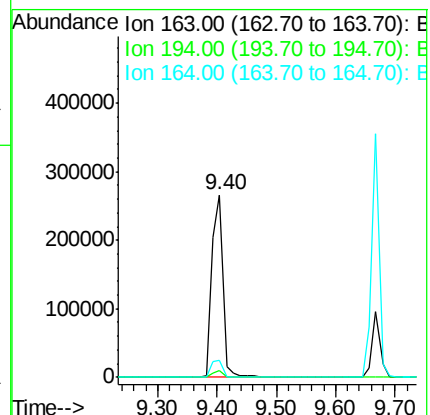
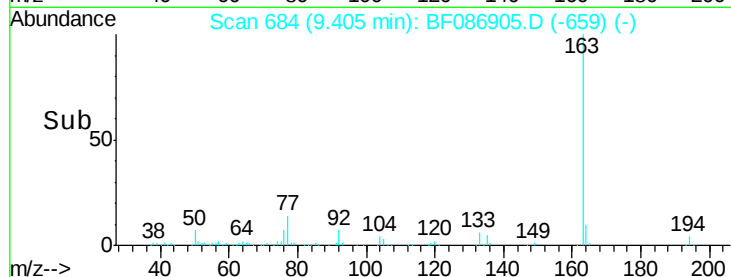
164 9.5 8.2 12.4



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.14 min Scan# 836

Delta R.T. -0.01 min

Lab File: BF086905.D

Acq: 11 May 2016 23:31

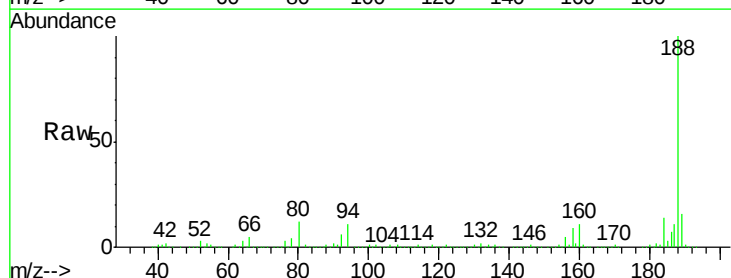
Tgt Ion:188 Resp: 542818

Ion Ratio Lower Upper

188 100

94 10.7 6.8 10.2#

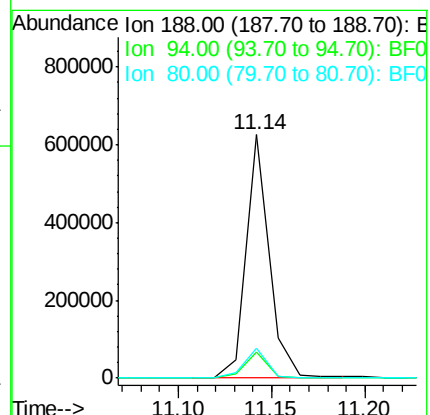
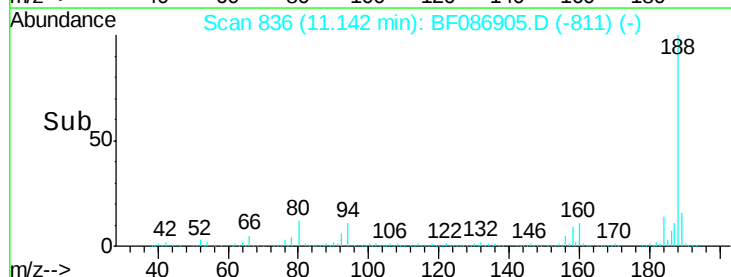
80 12.2 7.1 10.7#

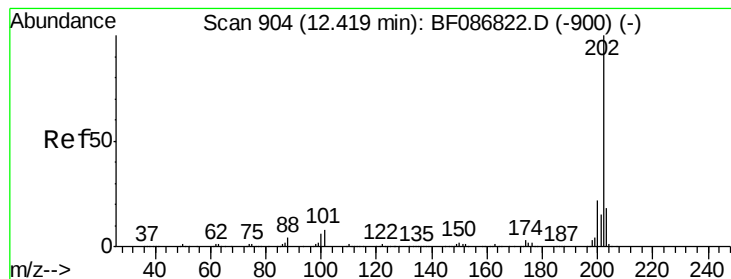


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#74

Fluoranthene

Concen: 2.32 ng

RT: 12.35 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF086905.D

Acq: 11 May 2016 23:31

Instrument :

BNA_F

ClientSampleId :

E20(16-16.5)

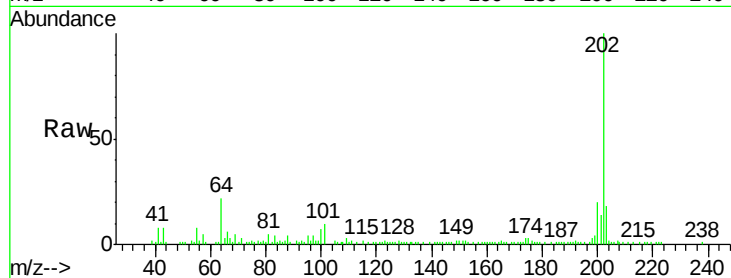
Tgt Ion:202 Resp: 69101

Ion Ratio Lower Upper

202 100

101 9.6 0.0 35.4

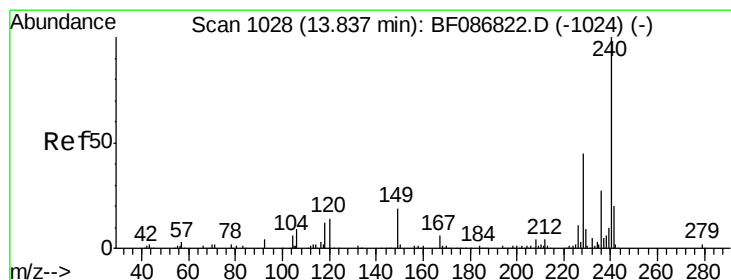
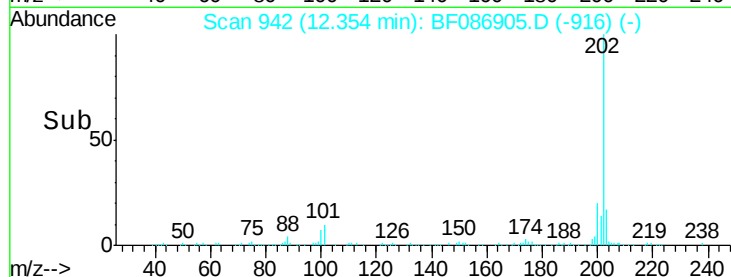
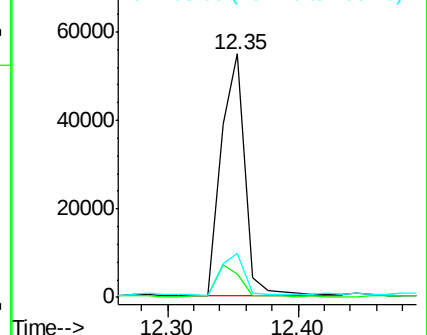
203 17.9 0.0 38.1



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: 13.77 min Scan# 1066

Delta R.T. -0.01 min

Lab File: BF086905.D

Acq: 11 May 2016 23:31

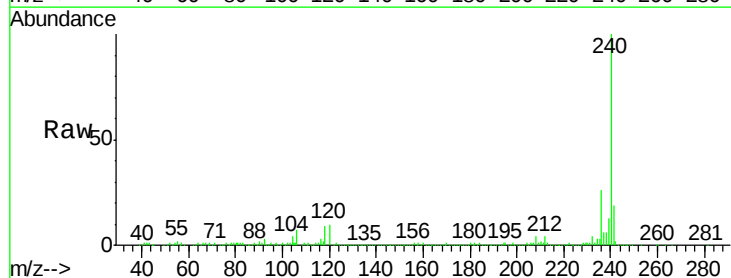
Tgt Ion:240 Resp: 406458

Ion Ratio Lower Upper

240 100

120 10.4 11.2 16.8#

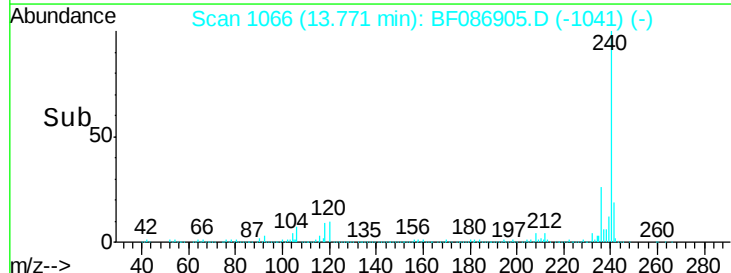
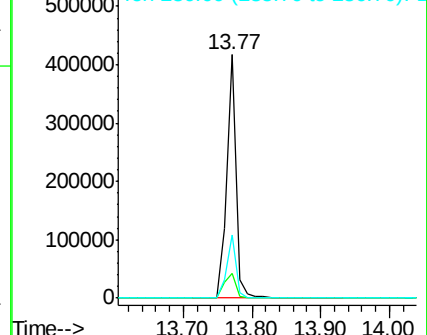
236 26.1 21.2 31.8

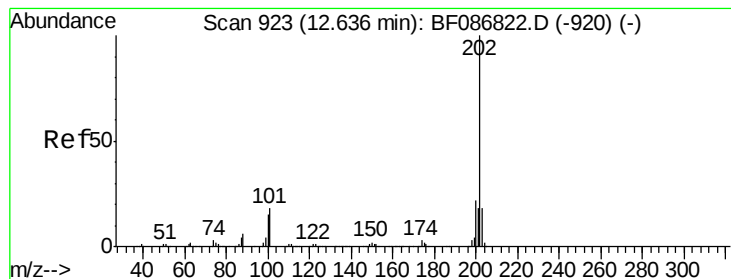


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 2.10 ng

RT: 12.57 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF086905.D

Acq: 11 May 2016 23:31

Instrument :

BNA_F

ClientSampleId :

E20(16-16.5)

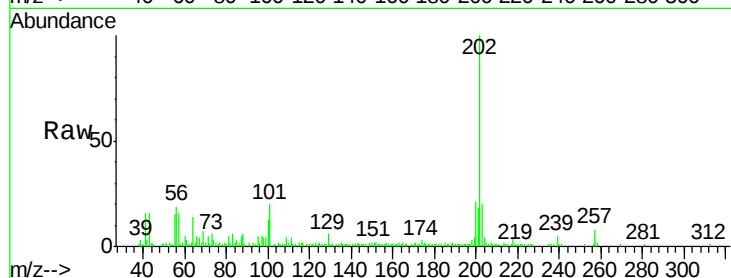
Tgt Ion:202 Resp: 65446

Ion Ratio Lower Upper

202 100

200 20.8 17.7 26.5

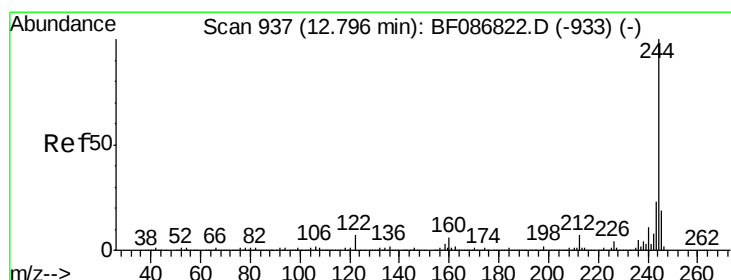
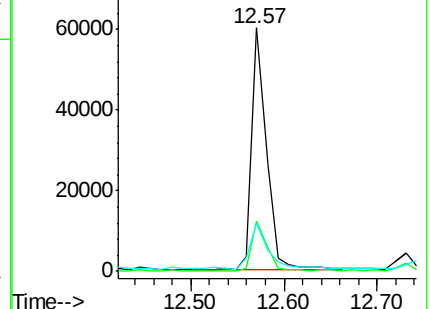
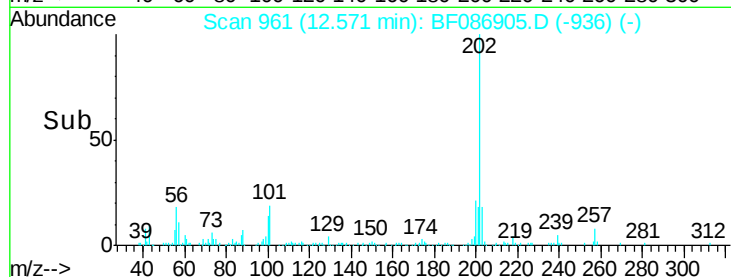
203 19.6 14.2 21.4



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: 53.76 ng

RT: 12.73 min Scan# 975

Delta R.T. -0.00 min

Lab File: BF086905.D

Acq: 11 May 2016 23:31

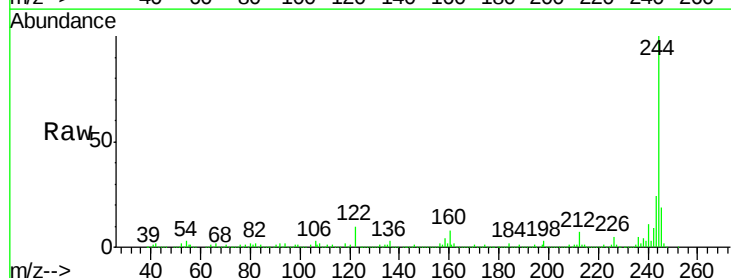
Tgt Ion:244 Resp: 1029797

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

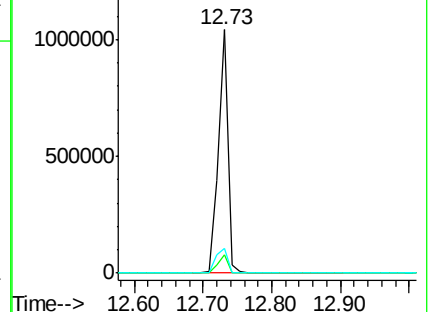
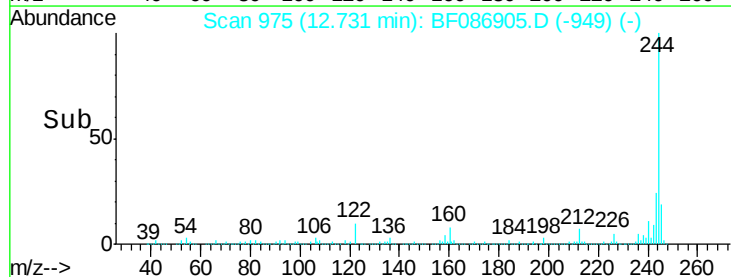
122 10.2 12.0 18.0#

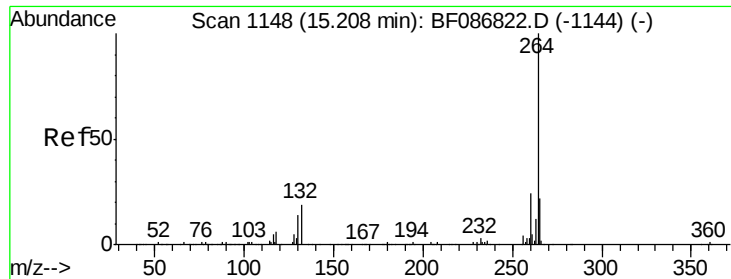


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

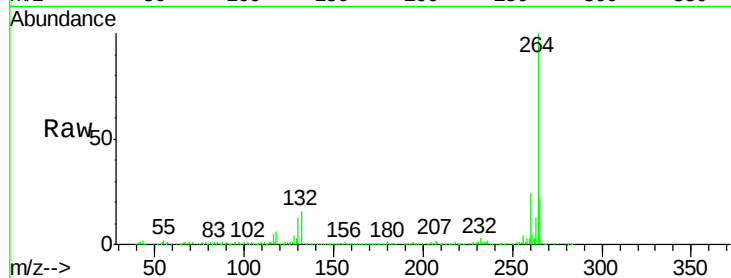




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.13 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BF086905.D
Acq: 11 May 2016 23:31

Instrument :
BNA_F
ClientSampleId :
E20(16-16.5)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	21.6	17.3	25.9



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

