

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051816\
 Data File : BF087149.D
 Acq On : 18 May 2016 17:51
 Operator : UM/SJ
 Sample : H3135-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SEWER-JOB

Quant Time: May 19 04:09:47 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 16:55:01 2016
 Response via : Initial Calibration

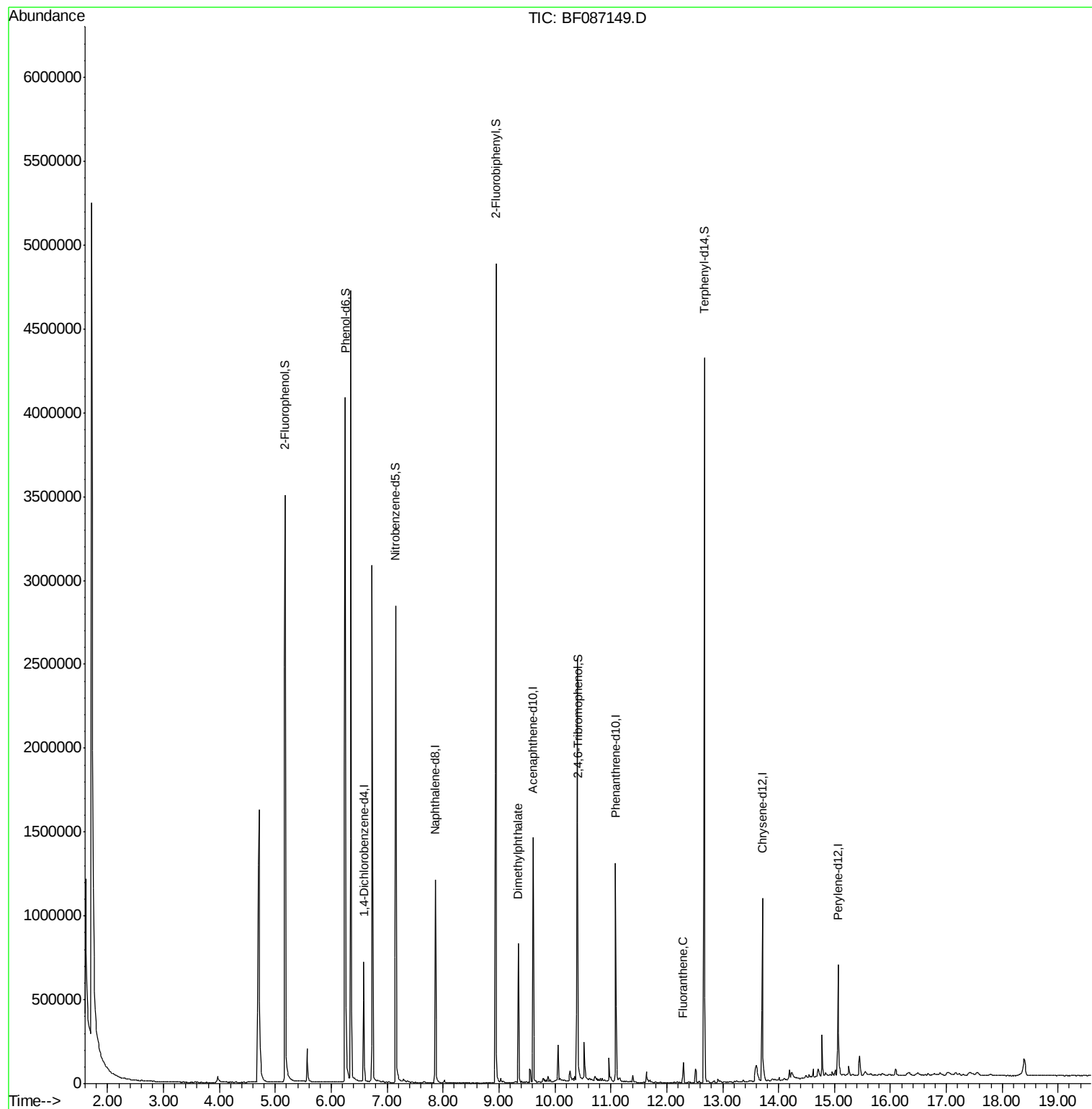
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	132572	20.00	ng	-0.02
21) Naphthalene-d8	7.86	136	545896	20.00	ng	-0.03
38) Acenaphthene-d10	9.61	164	265381	20.00	ng	-0.03
63) Phenanthrene-d10	11.08	188	477590	20.00	ng	-0.03
75) Chrysene-d12	13.71	240	383567	20.00	ng	-0.05
86) Perylene-d12	15.06	264	277576	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	1150252	145.84	ng	-0.02
7) Phenol-d6	6.25	99	1388974	131.30	ng	-0.03
23) Nitrobenzene-d5	7.15	82	923469	84.31	ng	-0.03
41) 2,4,6-Tribromophenol	10.41	330	420214	143.29	ng	-0.03
44) 2-Fluorobiphenyl	8.95	172	1508069	94.11	ng	-0.03
78) Terphenyl-d14	12.67	244	1304043	76.91	ng	-0.03
Target Compounds						
49) Dimethylphthalate	9.35	163	290499	14.35	ng	Qvalue 100
74) Fluoranthene	12.30	202	52557	2.03	ng	93

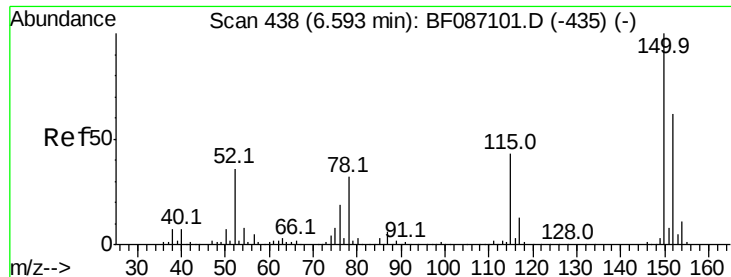
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051816\
Data File : BF087149.D
Acq On : 18 May 2016 17:51
Operator : UM/SJ
Sample : H3135-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SEWER-JOB

Quant Time: May 19 04:09:47 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 17 16:55:01 2016
Response via : Initial Calibration



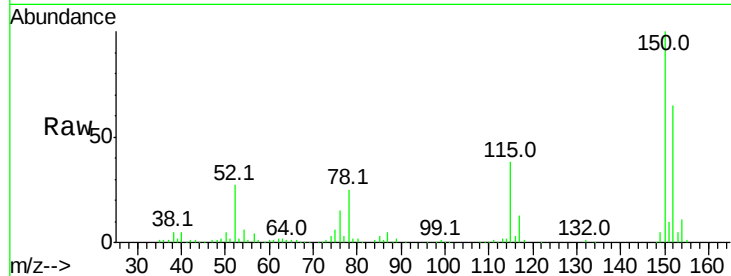


#1

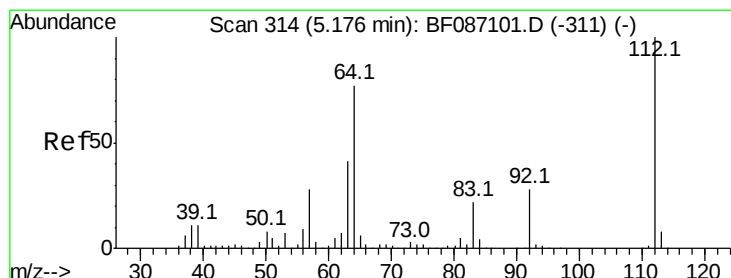
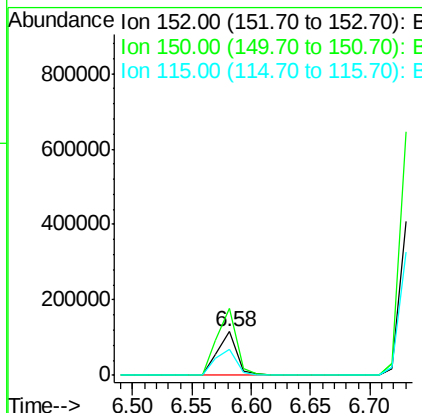
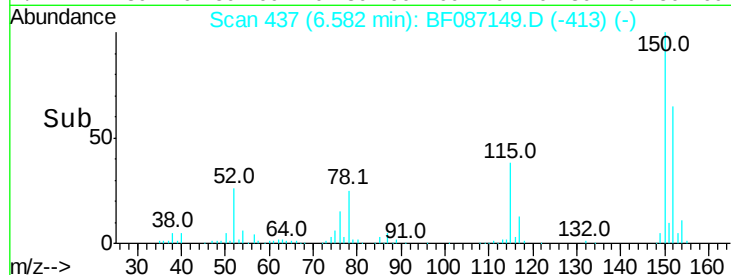
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.58 min Scan# 437
 Delta R.T. -0.02 min
 Lab File: BF087149.D
 Acq: 18 May 2016 17:51

Instrument :
 BNA_F
 ClientSampleId :
 SEWER-JOB

Tot Ion:152 Resp: 132572
 Ion Ratio Lower Upper
 152 100
 150 153.5 125.8 188.6
 115 59.0 51.5 77.3



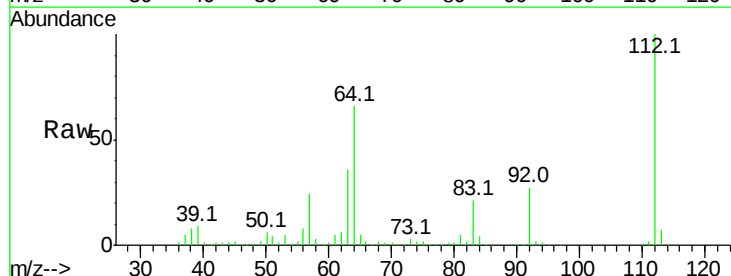
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



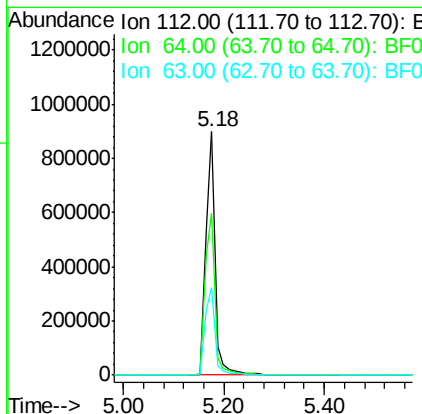
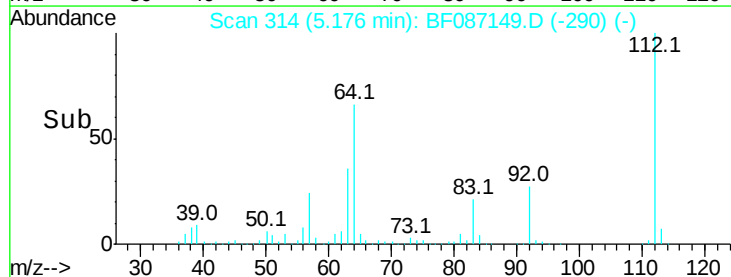
#5

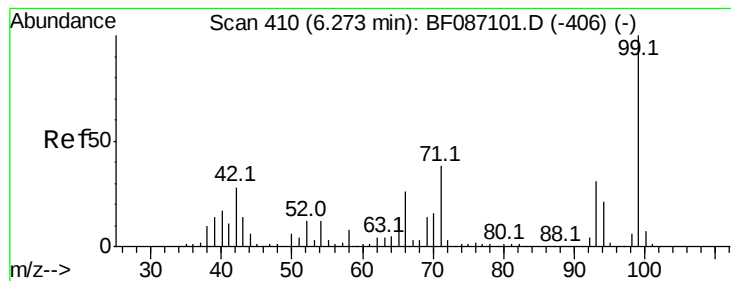
2-Fluorophenol
 Concen: 145.84 ng
 RT: 5.18 min Scan# 314
 Delta R.T. -0.02 min
 Lab File: BF087149.D
 Acq: 18 May 2016 17:51

Tgt Ion:112 Resp: 1150252
 Ion Ratio Lower Upper
 112 100
 64 66.5 52.1 78.1
 63 36.0 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: 131.30 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.03 min

Lab File: BF087149.D

Acq: 18 May 2016 17:51

Instrument :

BNA_F

ClientSampleId :

SEWER-JOB

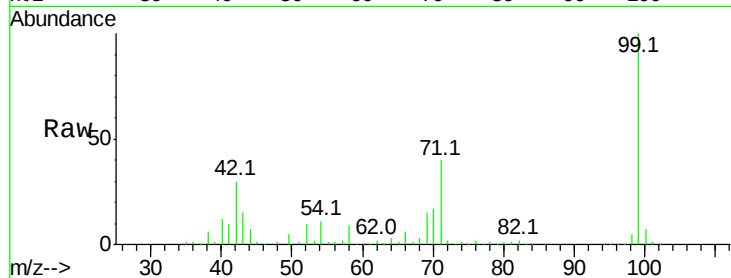
Tot Ion: 99 Resp: 1388974

Ion Ratio Lower Upper

99 100

42 29.7 13.6 20.4#

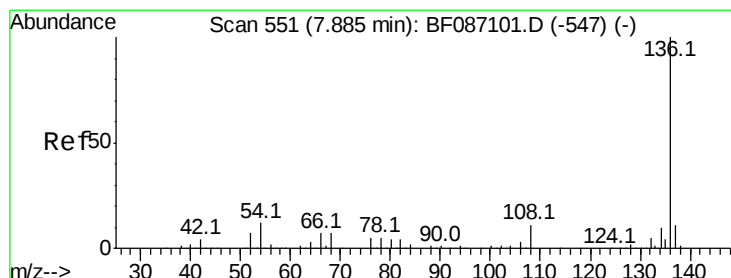
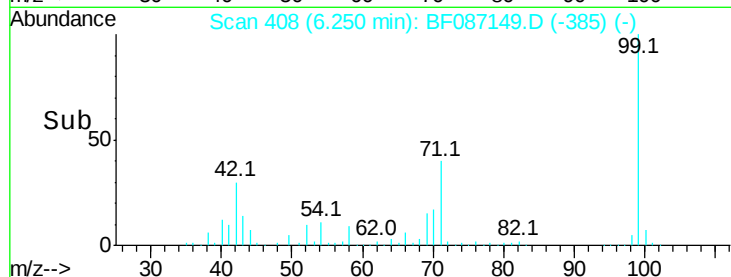
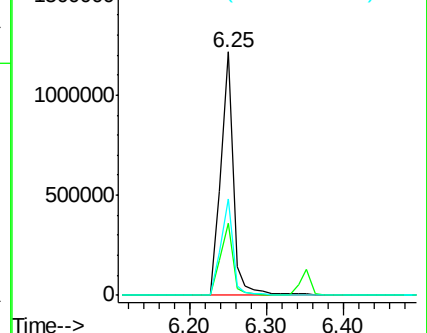
71 39.7 24.6 36.8#



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: 7.86 min Scan# 549

Delta R.T. -0.03 min

Lab File: BF087149.D

Acq: 18 May 2016 17:51

Tgt Ion:136 Resp: 545896

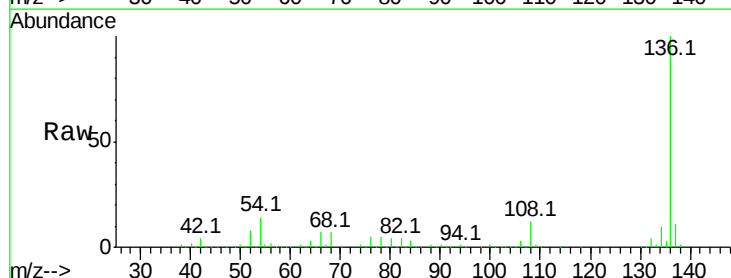
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 13.8 5.0 7.4#

68 7.3 4.4 6.6#

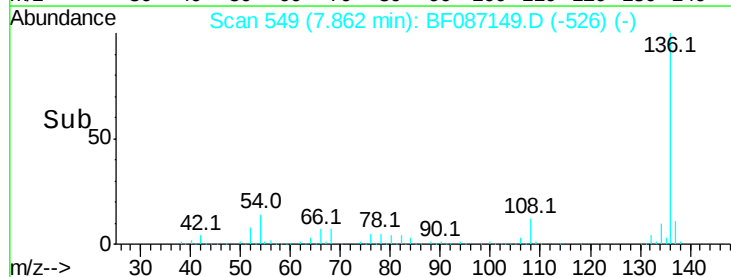
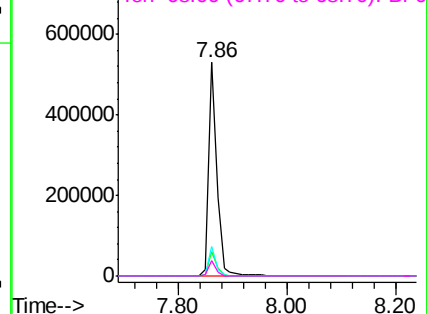


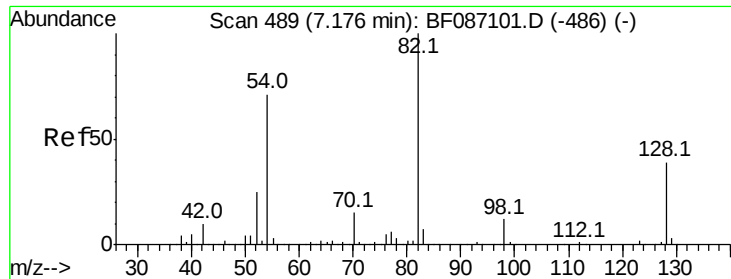
Abundance Ion 136.00 (135.70 to 136.70): E

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

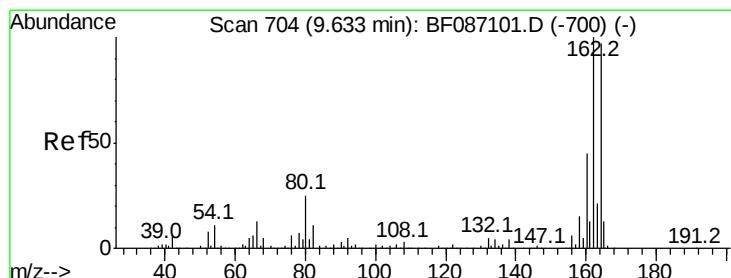
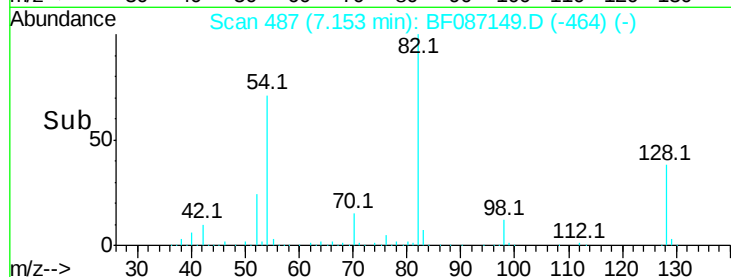
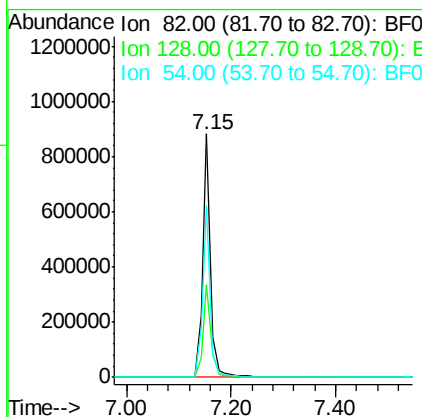
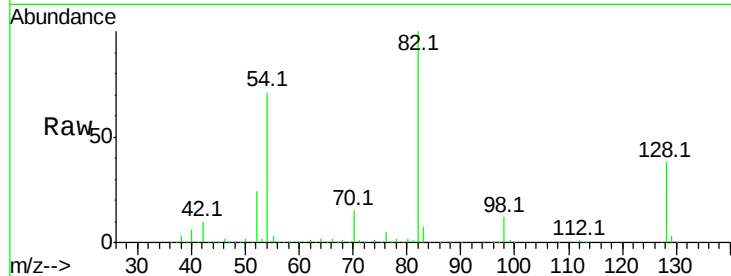




#23
Nitrobenzene-d5
Concen: 84.31 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.03 min
Lab File: BF087149.D
Acq: 18 May 2016 17:51

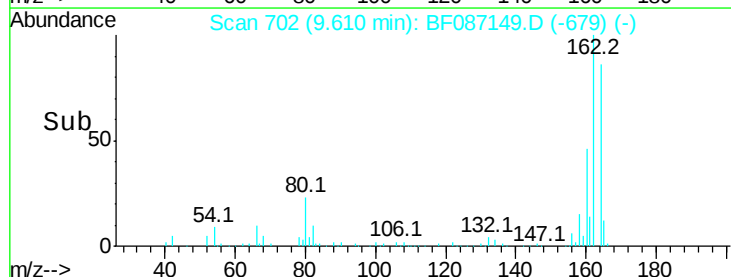
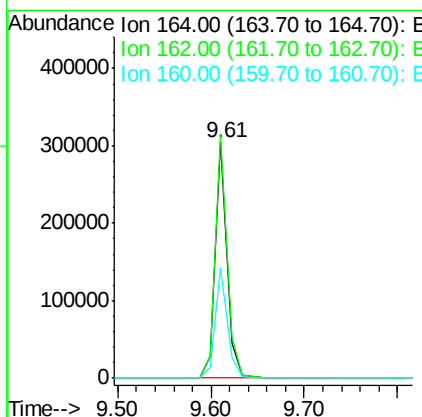
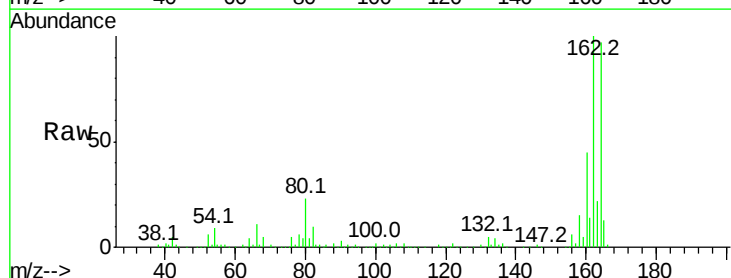
Instrument :
BNA_F
ClientSampleId :
SEWER-JOB

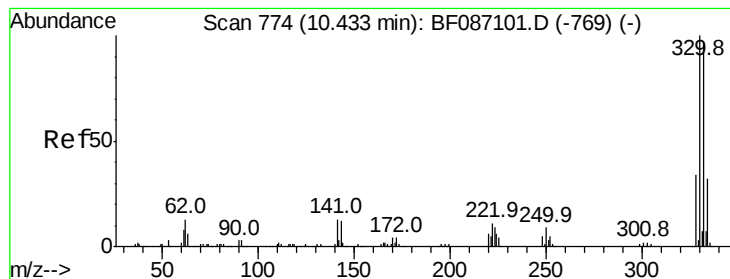
Tot Ion: 82 Resp: 923469
Ion Ratio Lower Upper
82 100
128 37.8 40.6 61.0#
54 70.5 38.1 57.1#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.03 min
Lab File: BF087149.D
Acq: 18 May 2016 17:51

Tgt Ion: 164 Resp: 265381
Ion Ratio Lower Upper
164 100
162 103.4 82.8 124.2
160 46.6 36.9 55.3





#41

2,4,6-Tribromophenol

Concen: 143.29 ng

RT: 10.41 min Scan# 772

Delta R.T. -0.03 min

Lab File: BF087149.D

Acq: 18 May 2016 17:51

Instrument :

BNA_F

ClientSampleId :

SEWER-JOB

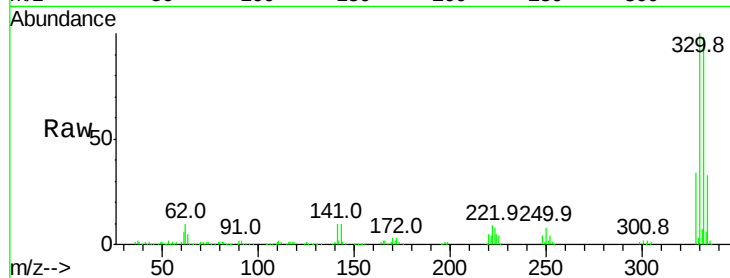
Tot Ion:330 Resp: 420214

Ion Ratio Lower Upper

330 100

332 97.2 79.0 118.4

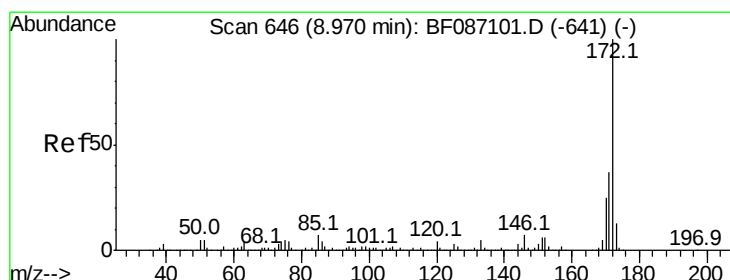
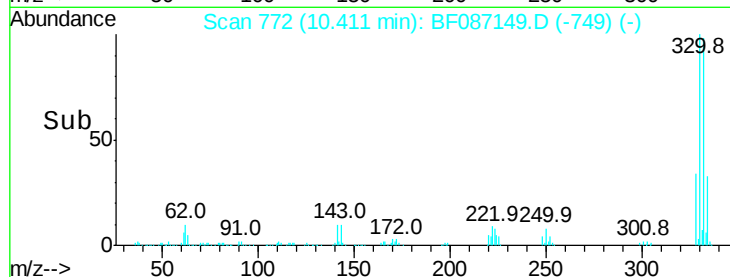
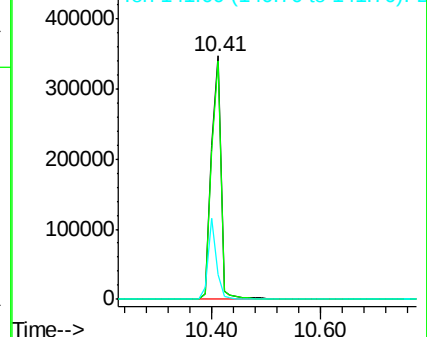
141 29.0 31.2 46.8#



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: 94.11 ng

RT: 8.95 min Scan# 644

Delta R.T. -0.03 min

Lab File: BF087149.D

Acq: 18 May 2016 17:51

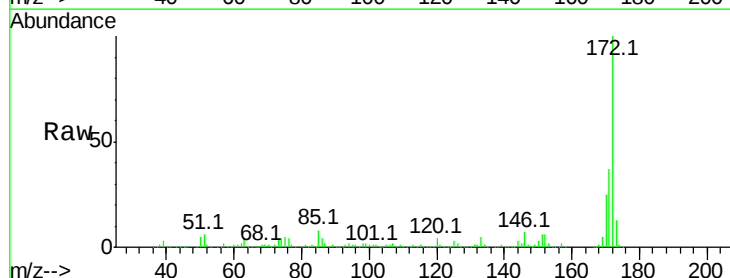
Tgt Ion:172 Resp: 1508069

Ion Ratio Lower Upper

172 100

171 36.5 29.0 43.6

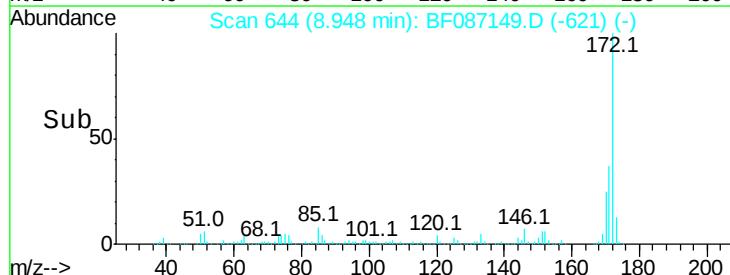
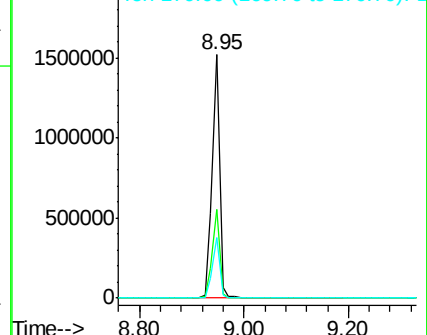
170 24.9 19.8 29.8

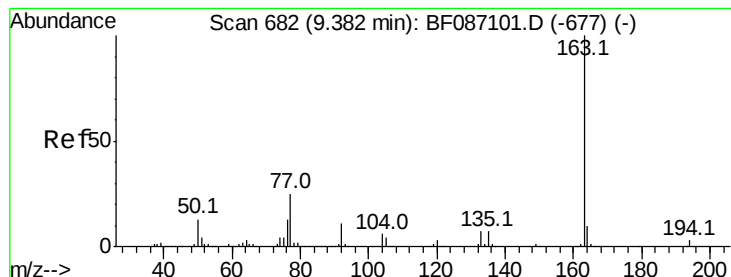


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 14.35 ng

RT: 9.35 min Scan# 679

Delta R.T. -0.05 min

Lab File: BF087149.D

Acq: 18 May 2016 17:51

Instrument :

BNA_F

ClientSampleId :

SEWER-JOB

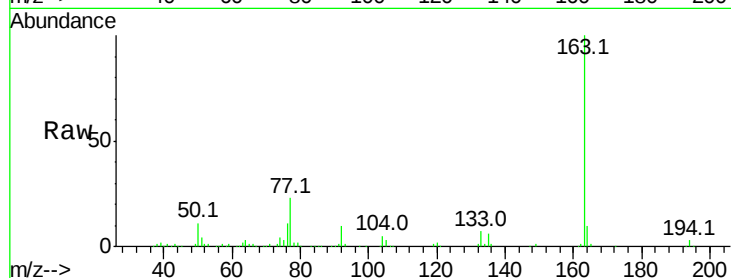
Tot Ion:163 Resp: 290499

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

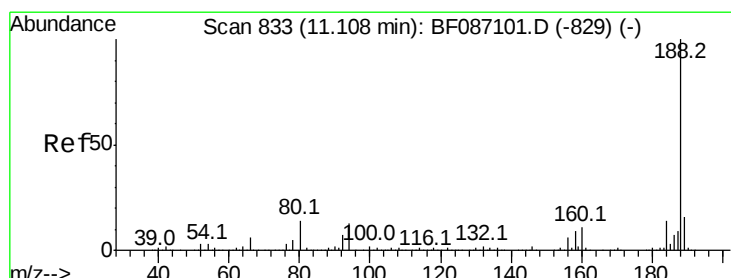
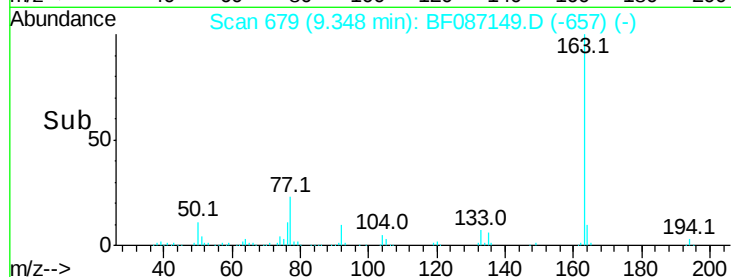
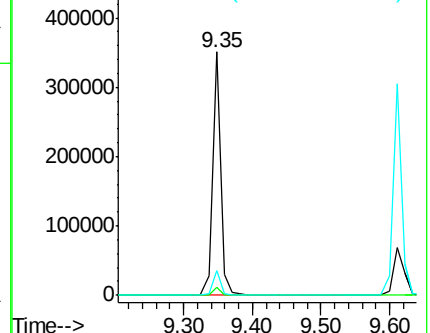
164 10.1 8.2 12.4



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: 11.08 min Scan# 831

Delta R.T. -0.03 min

Lab File: BF087149.D

Acq: 18 May 2016 17:51

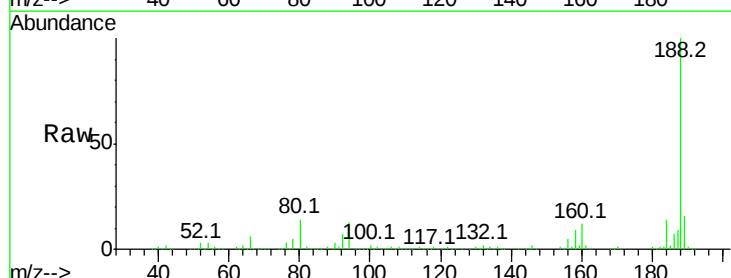
Tgt Ion:188 Resp: 477590

Ion Ratio Lower Upper

188 100

94 12.7 6.8 10.2#

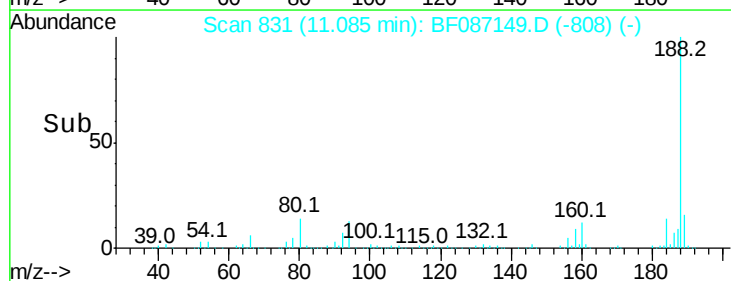
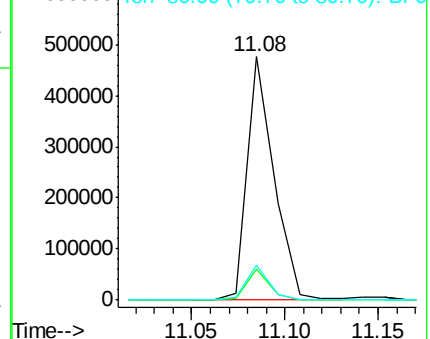
80 14.2 7.1 10.7#

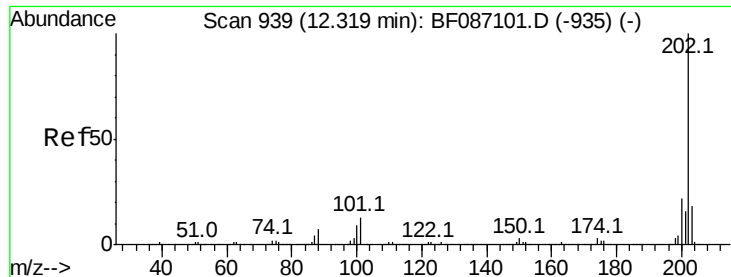


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

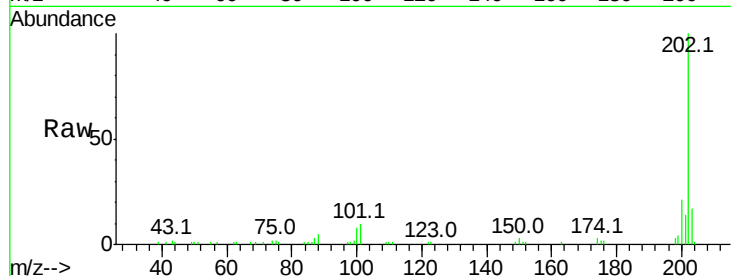




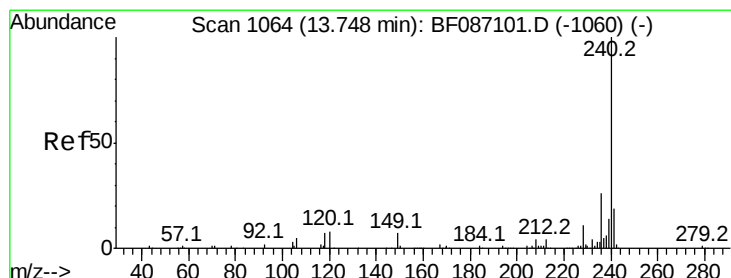
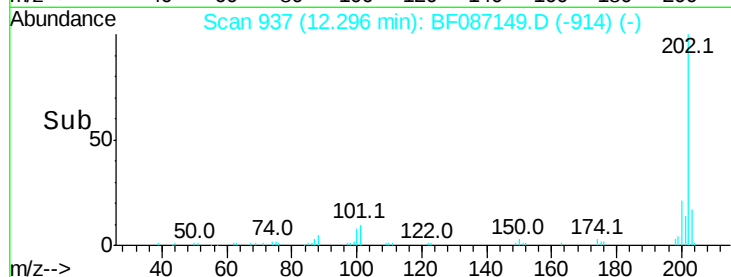
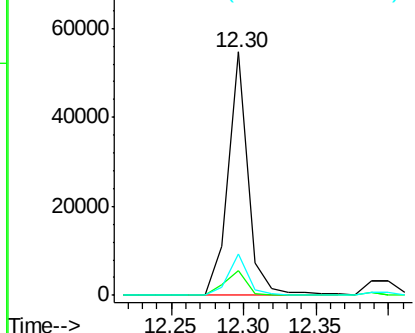
#74
Fluoranthene
 Concen: 2.03 ng
 RT: 12.30 min Scan# 937
 Delta R.T. -0.03 min
 Lab File: BF087149.D
 Acq: 18 May 2016 17:51

Instrument :
 BNA_F
 ClientSampleId :
 SEWER-JOB

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	35.4
203	17.2	0.0	38.1

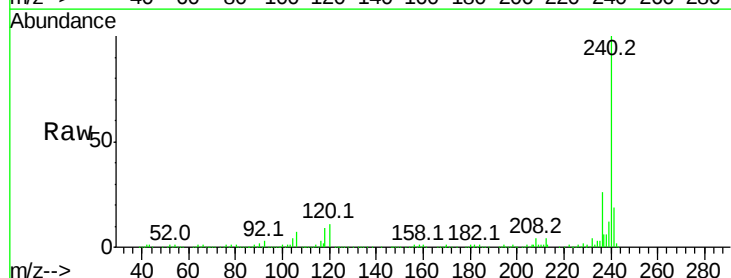


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

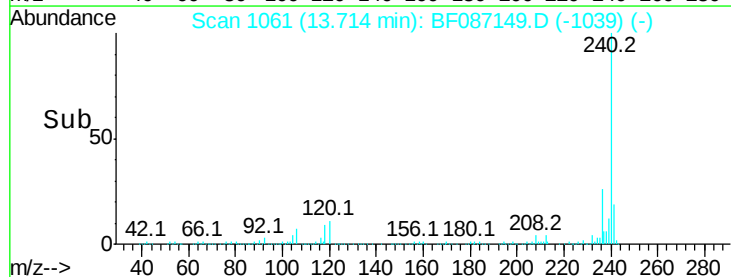
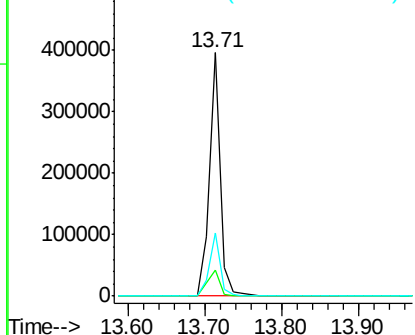


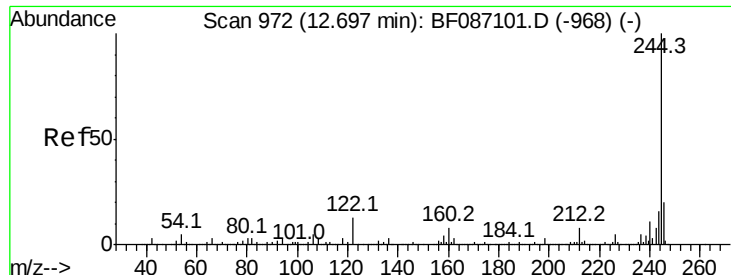
#75
Chrysene-d12
 Concen: 20.00 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. -0.05 min
 Lab File: BF087149.D
 Acq: 18 May 2016 17:51

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.7	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





#78

Terphenyl-d14

Concen: 76.91 ng

RT: 12.67 min Scan# 970

Delta R.T. -0.03 min

Lab File: BF087149.D

Acq: 18 May 2016 17:51

Instrument :

BNA_F

ClientSampleId :

SEWER-JOB

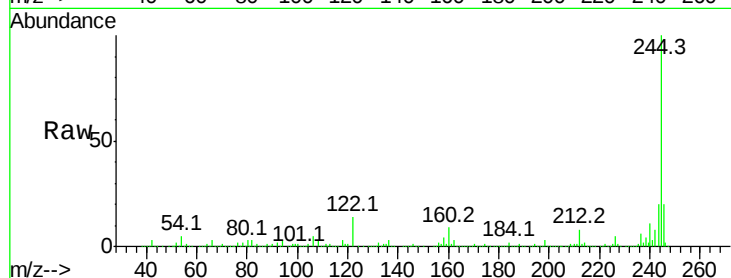
Tot Ion:244 Resp: 1304043

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

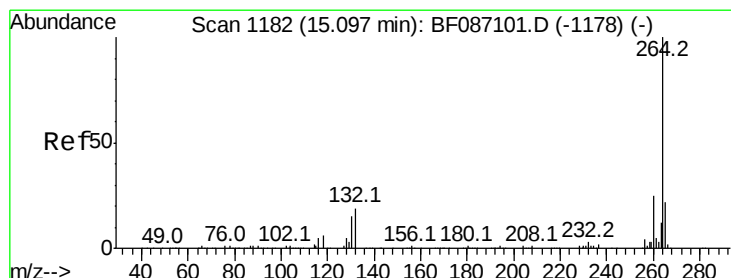
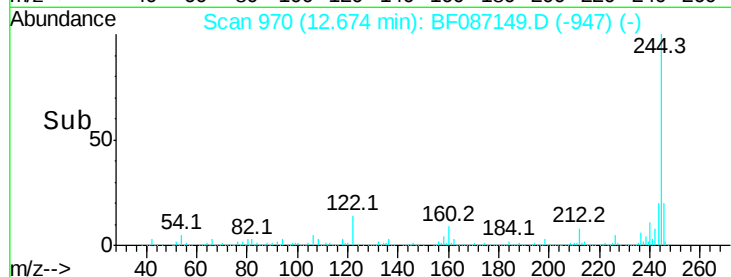
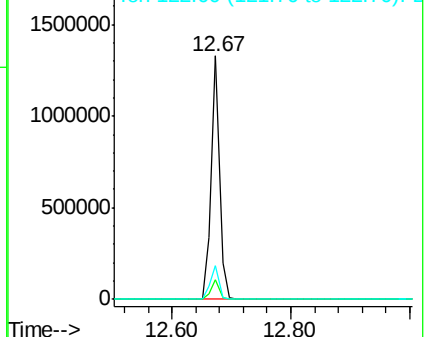
122 13.6 12.0 18.0



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: 15.06 min Scan# 1179

Delta R.T. -0.05 min

Lab File: BF087149.D

Acq: 18 May 2016 17:51

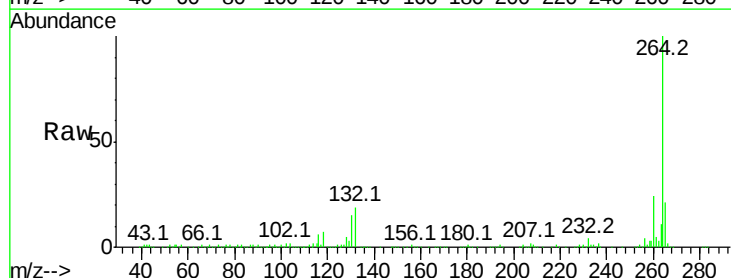
Tgt Ion:264 Resp: 277576

Ion Ratio Lower Upper

264 100

260 24.3 19.5 29.3

265 21.0 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

