

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052016\
 Data File : BF087274.D
 Acq On : 21 May 2016 15:53
 Operator : UM/SJ
 Sample : H3185-01
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SYSDIS-051916

Quant Time: May 23 01:57:50 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 23 01:56:40 2016
 Response via : Initial Calibration

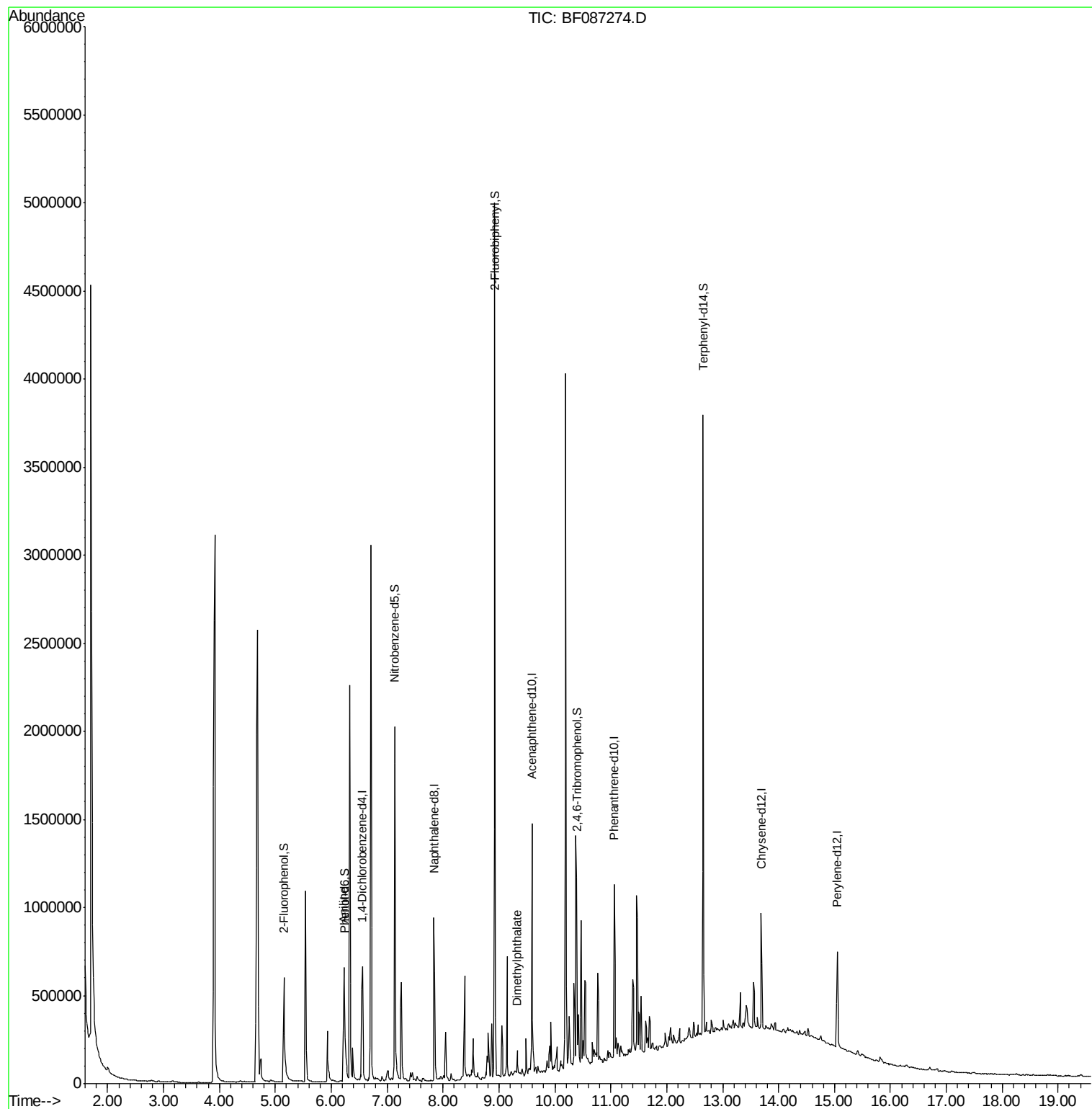
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	126839	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	518048	20.00	ng	-0.01
38) Acenaphthene-d10	9.59	164	245835	20.00	ng	0.00
63) Phenanthrene-d10	11.06	188	402488	20.00	ng	-0.01
75) Chrysene-d12	13.69	240	262192	20.00	ng	-0.01
86) Perylene-d12	15.05	264	236301	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	267750	35.48	ng	0.02
7) Phenol-d6	6.24	99	234645	23.18	ng	0.01
23) Nitrobenzene-d5	7.13	82	903639	86.93	ng	-0.01
41) 2,4,6-Tribromophenol	10.39	330	195753	72.06	ng	0.00
44) 2-Fluorobiphenyl	8.92	172	1385764	93.36	ng	0.00
78) Terphenyl-d14	12.65	244	1013873	87.47	ng	0.00
Target Compounds						
6) Aniline	6.23	93	238469	18.55	ng	91
49) Dimethylphthalate	9.32	163	51156	2.73	ng	100

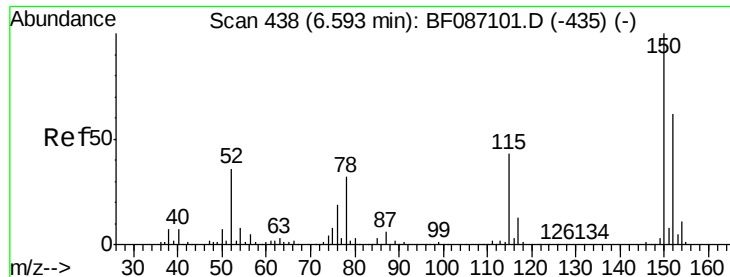
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.56 min Scan# 435

Delta R.T. -0.00 min

Lab File: BF087274.D

Acq: 21 May 2016 15:53

Instrument :

BNA_F

ClientSampleId :

SYSDIS-051916

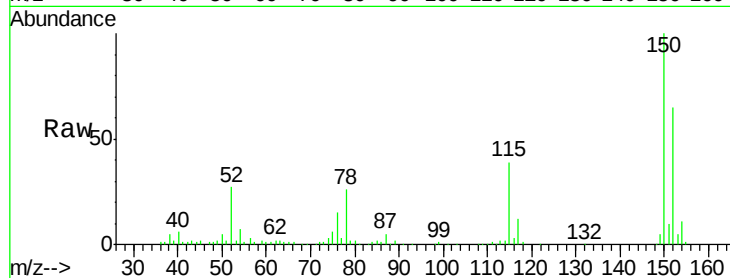
Tot Ion:152 Resp: 126839

Ion Ratio Lower Upper

152 100

150 153.7 125.8 188.6

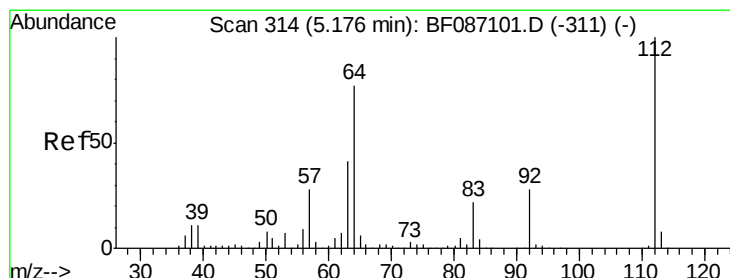
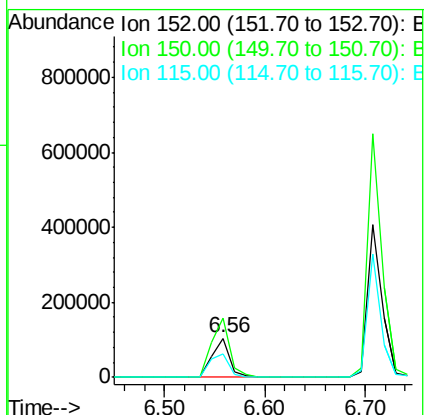
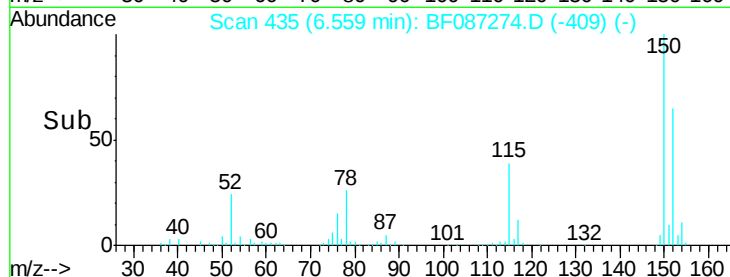
115 59.2 51.5 77.3



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: 35.48 ng

RT: 5.15 min Scan# 312

Delta R.T. 0.02 min

Lab File: BF087274.D

Acq: 21 May 2016 15:53

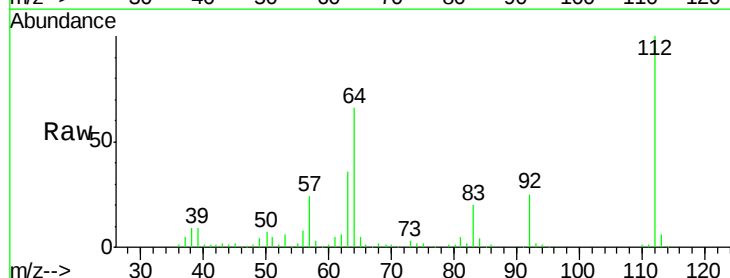
Tgt Ion:112 Resp: 267750

Ion Ratio Lower Upper

112 100

64 65.5 52.1 78.1

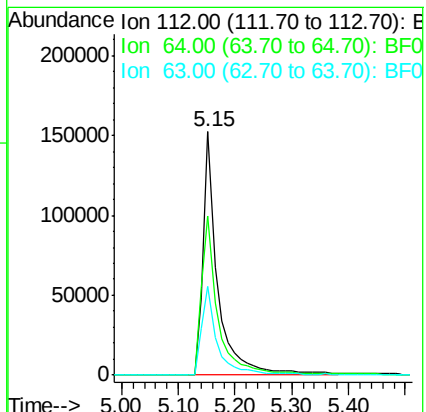
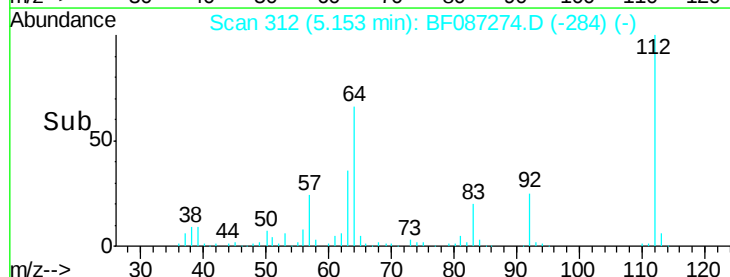
63 36.3 25.7 38.5

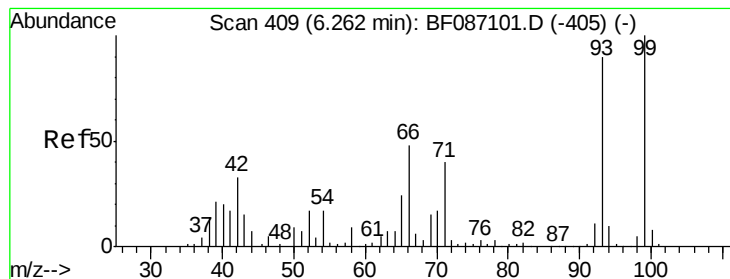


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 18.55 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.00 min

Lab File: BF087274.D

Acq: 21 May 2016 15:53

Instrument :

BNA_F

ClientSampleId :

SYSDIS-051916

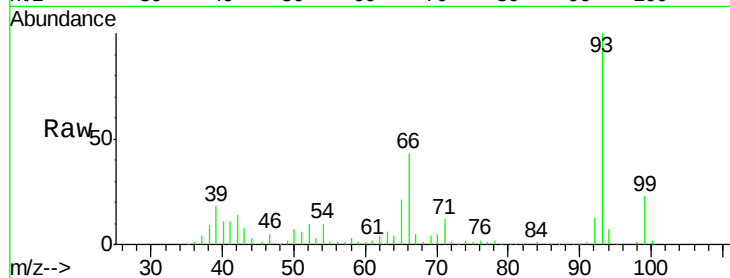
Tot Ion: 93 Resp: 238469

Ion Ratio Lower Upper

93 100

66 42.8 39.0 58.6

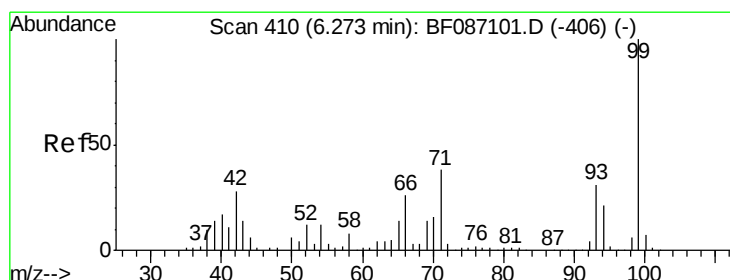
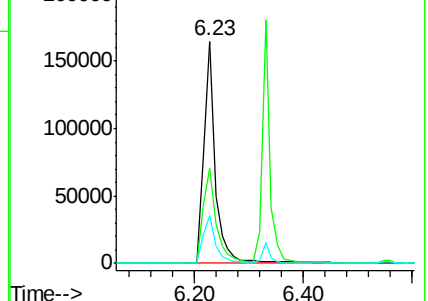
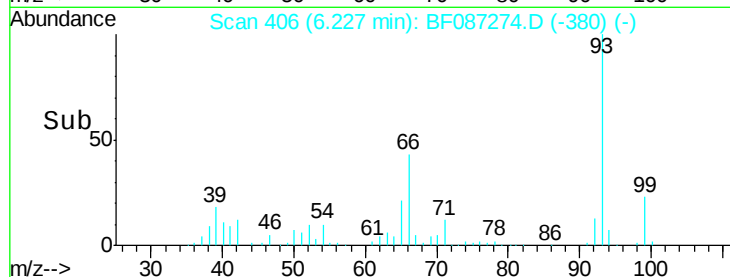
65 21.2 20.6 31.0



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#7

Phenol-d6

Concen: 23.18 ng

RT: 6.24 min Scan# 407

Delta R.T. 0.01 min

Lab File: BF087274.D

Acq: 21 May 2016 15:53

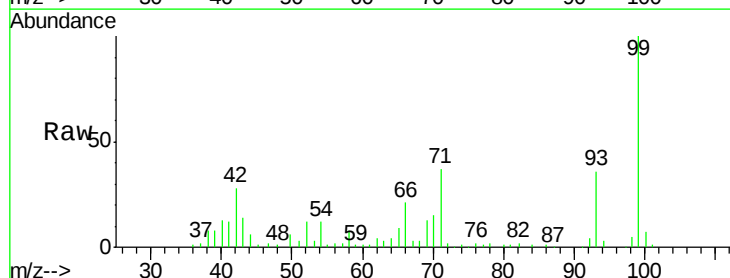
Tgt Ion: 99 Resp: 234645

Ion Ratio Lower Upper

99 100

42 28.0 13.6 20.4#

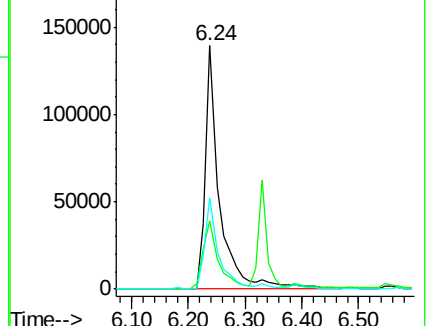
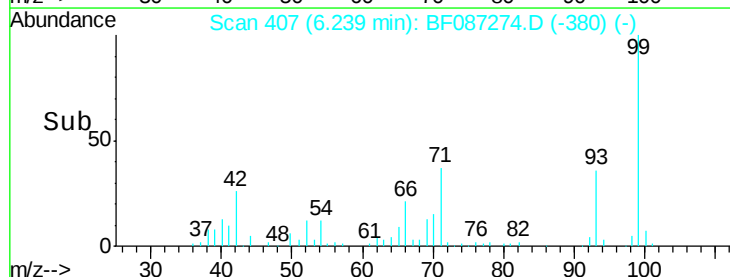
71 37.3 24.6 36.8#

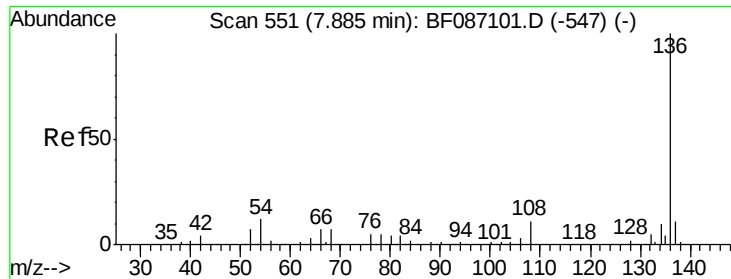


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

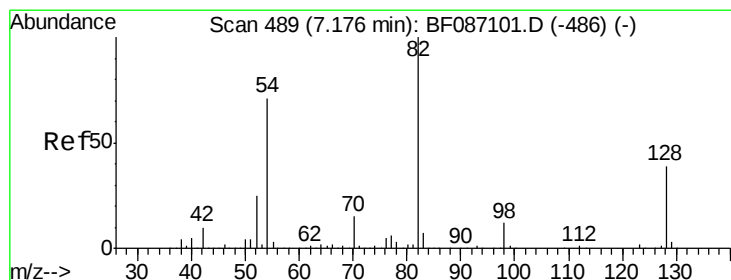
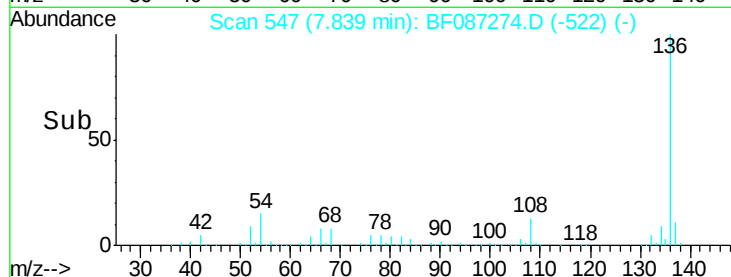
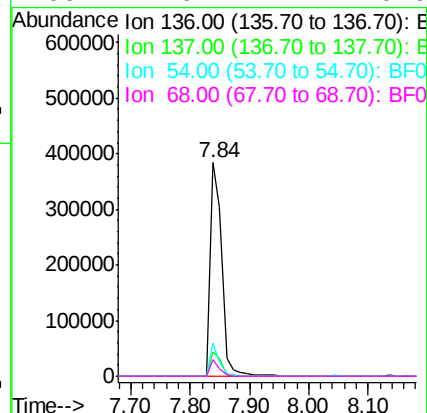
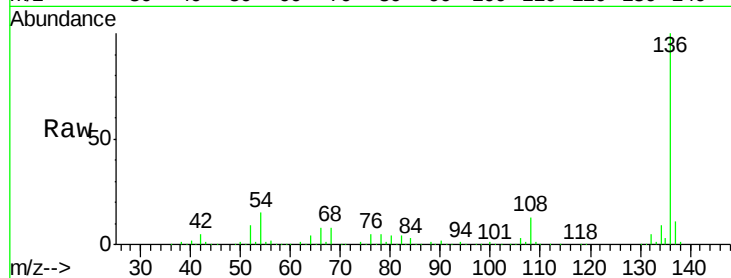




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 547
Delta R.T. -0.01 min
Lab File: BF087274.D
Acq: 21 May 2016 15:53

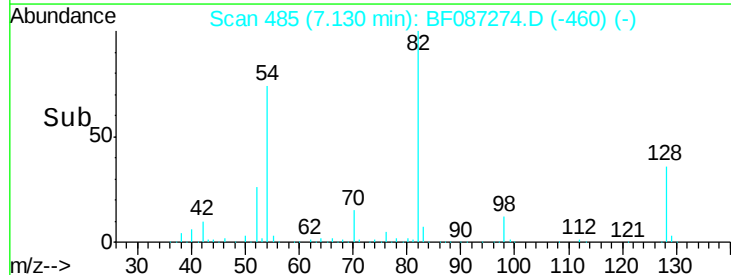
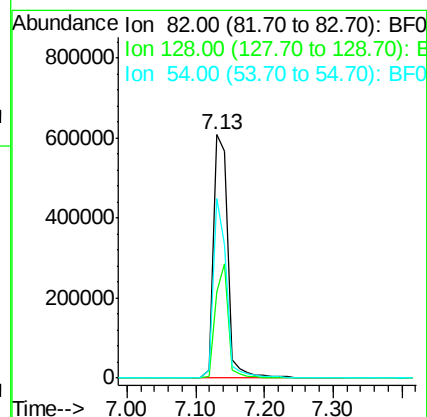
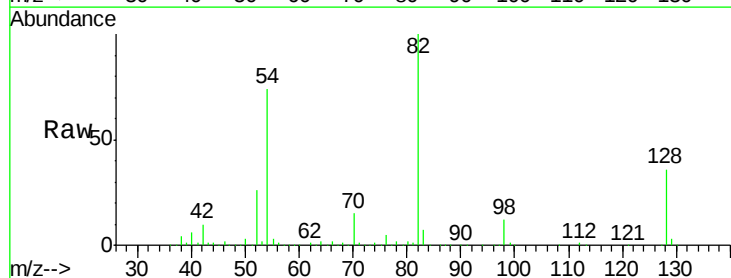
Instrument :
BNA_F
ClientSampleId :
SYSDIS-051916

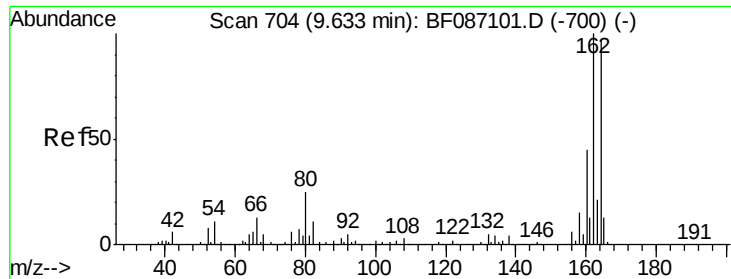
Tot Ion:136 Resp: 518048
Ion Ratio Lower Upper
136 100
137 11.5 8.8 13.2
54 15.5 5.0 7.4#
68 7.6 4.4 6.6#



#23
Nitrobenzene-d5
Concen: 86.93 ng
RT: 7.13 min Scan# 485
Delta R.T. -0.01 min
Lab File: BF087274.D
Acq: 21 May 2016 15:53

Tgt Ion: 82 Resp: 903639
Ion Ratio Lower Upper
82 100
128 35.5 40.6 61.0#
54 73.7 38.1 57.1#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.59 min Scan# 700

Delta R.T. -0.00 min

Lab File: BF087274.D

Acq: 21 May 2016 15:53

Instrument :

BNA_F

ClientSampleId :

SYSDIS-051916

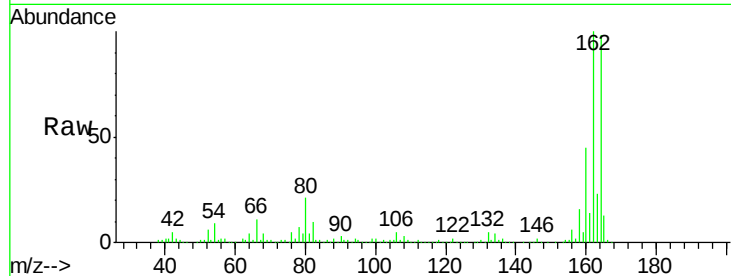
Tot Ion:164 Resp: 245835

Ion Ratio Lower Upper

164 100

162 102.6 82.8 124.2

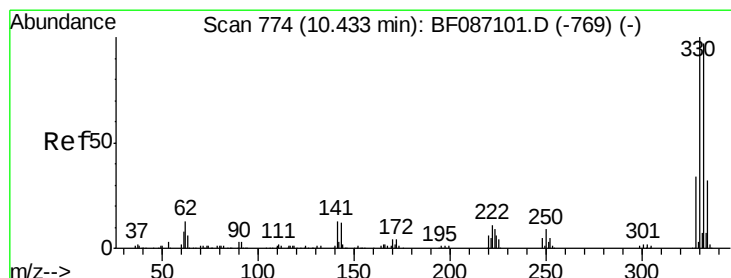
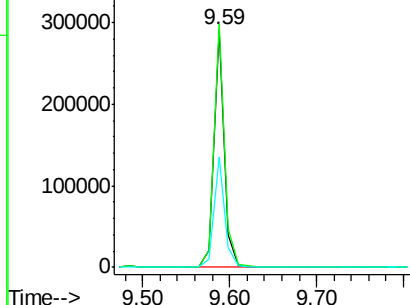
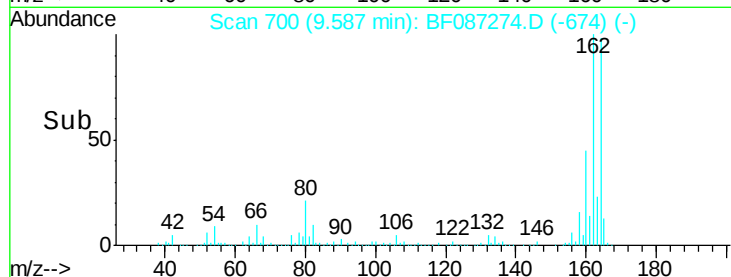
160 46.4 36.9 55.3



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: 72.06 ng

RT: 10.39 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF087274.D

Acq: 21 May 2016 15:53

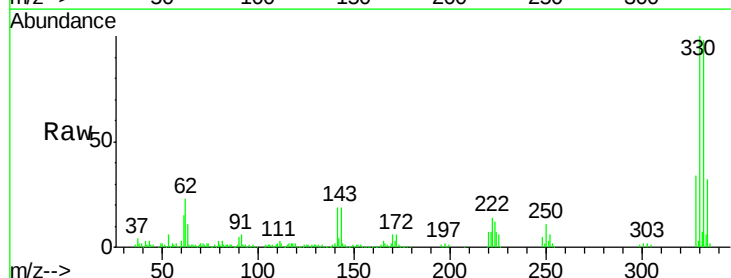
Tgt Ion:330 Resp: 195753

Ion Ratio Lower Upper

330 100

332 96.6 79.0 118.4

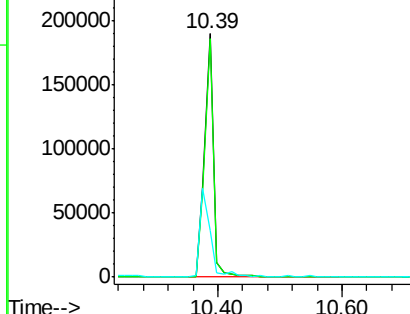
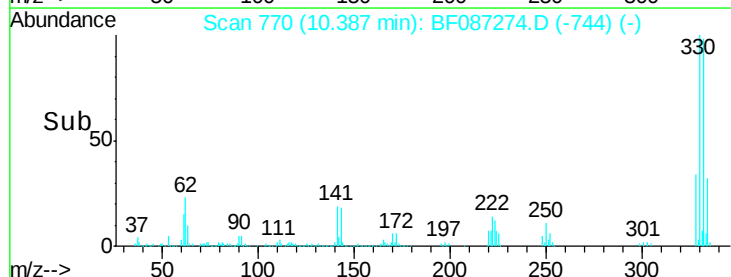
141 41.1 31.2 46.8

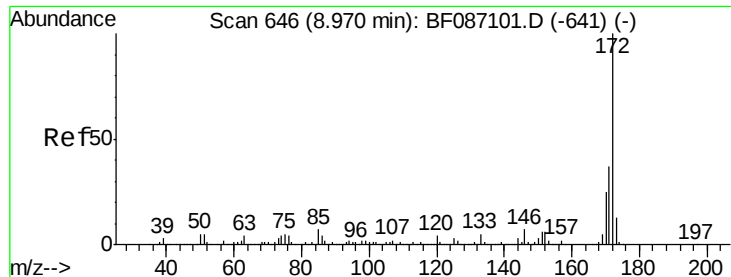


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

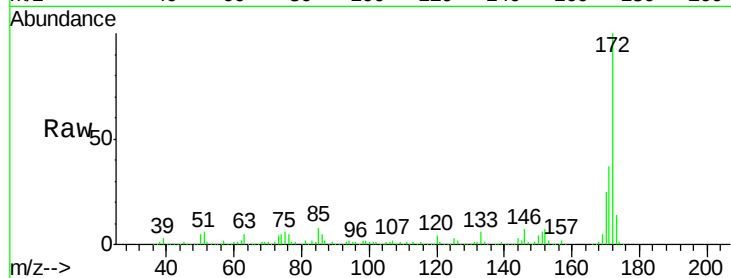




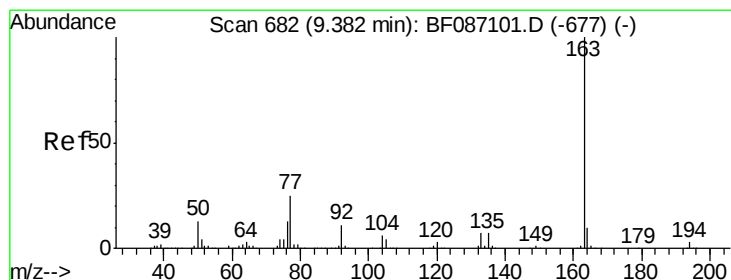
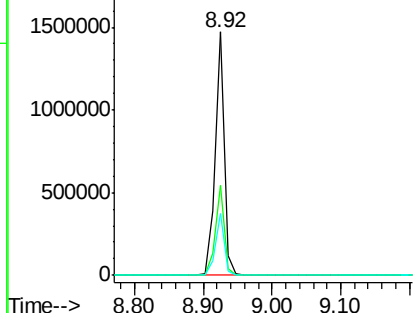
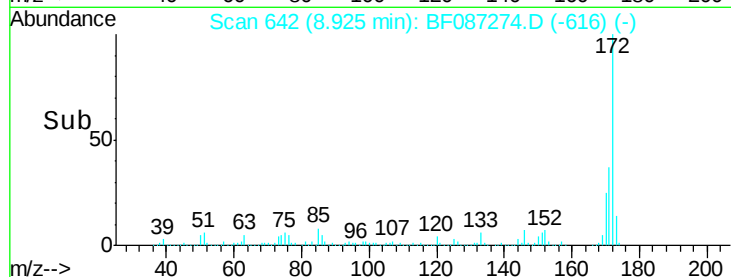
#44
2-Fluorobiphenyl
Concen: 93.36 ng
RT: 8.92 min Scan# 642
Delta R.T. -0.00 min
Lab File: BF087274.D
Acq: 21 May 2016 15:53

Instrument :
BNA_F
ClientSampleId :
SYSDIS-051916

Tot Ion:172 Resp: 1385764
Ion Ratio Lower Upper
172 100
171 37.2 29.0 43.6
170 25.5 19.8 29.8

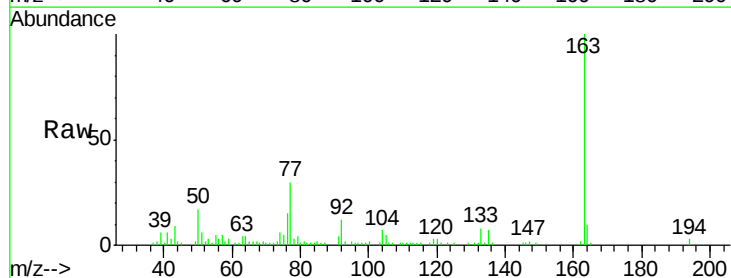


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

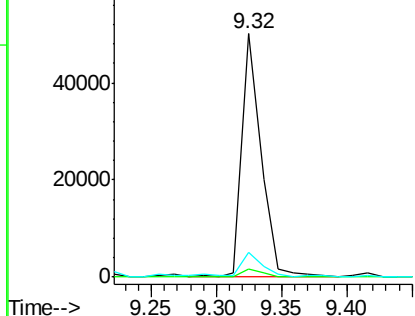
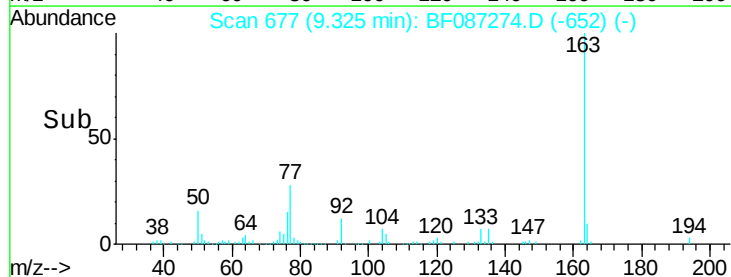


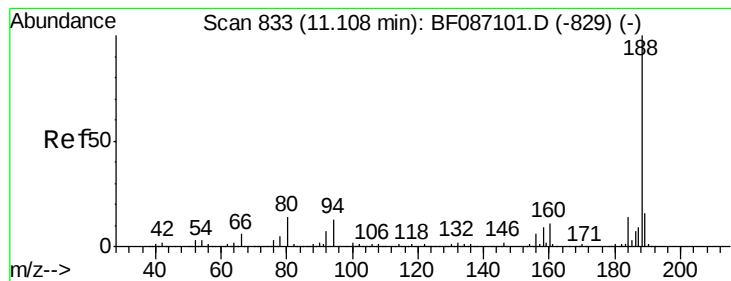
#49
Dimethylphthalate
Concen: 2.73 ng
RT: 9.32 min Scan# 677
Delta R.T. -0.01 min
Lab File: BF087274.D
Acq: 21 May 2016 15:53

Tgt Ion:163 Resp: 51156
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 10.4 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: 11.06 min Scan# 829

Delta R.T. -0.01 min

Lab File: BF087274.D

Acq: 21 May 2016 15:53

Instrument :

BNA_F

ClientSampleId :

SYSDIS-051916

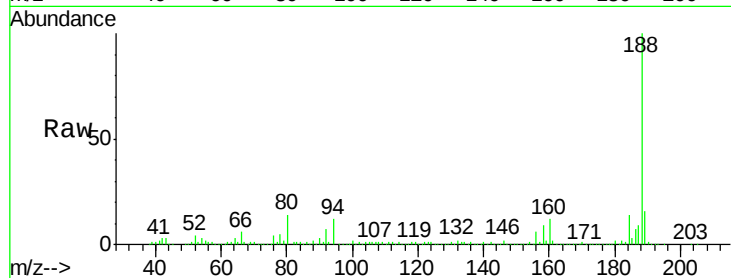
Tot Ion:188 Resp: 402488

Ion Ratio Lower Upper

188 100

94 12.4 6.8 10.2#

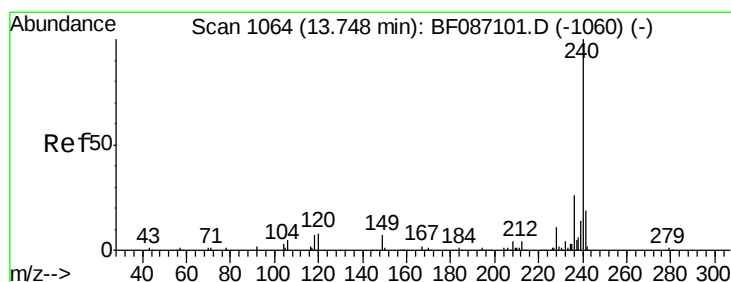
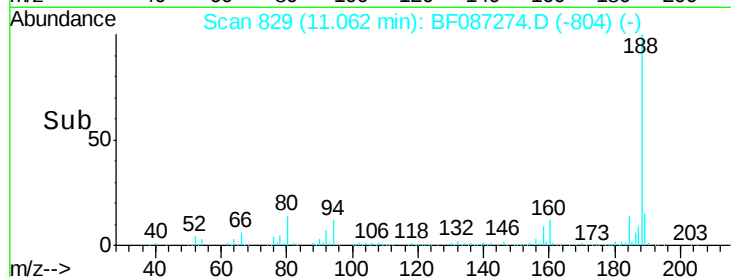
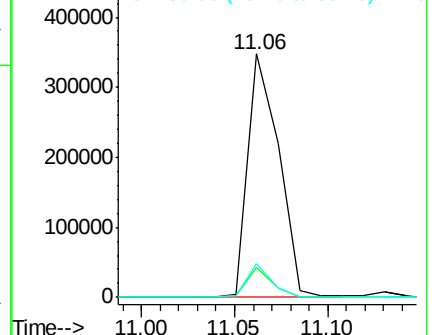
80 14.0 7.1 10.7#



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.69 min Scan# 1059

Delta R.T. -0.01 min

Lab File: BF087274.D

Acq: 21 May 2016 15:53

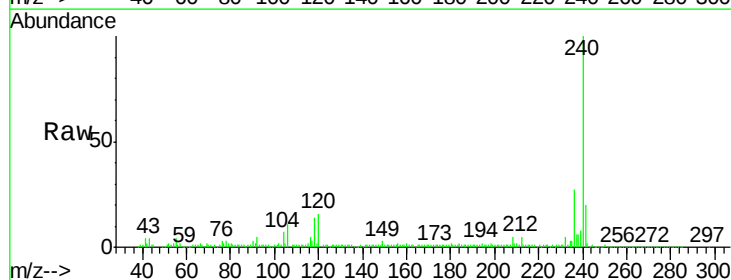
Tgt Ion:240 Resp: 262192

Ion Ratio Lower Upper

240 100

120 15.8 11.2 16.8

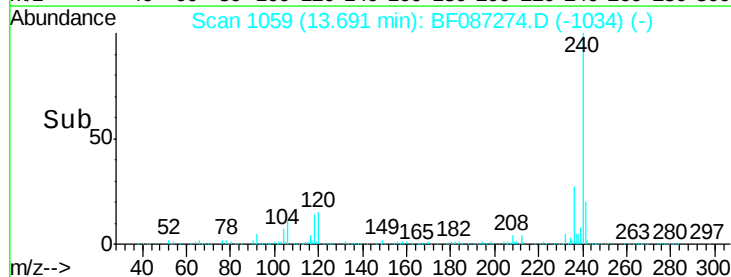
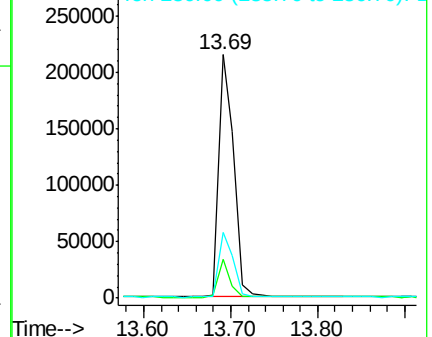
236 26.9 21.2 31.8

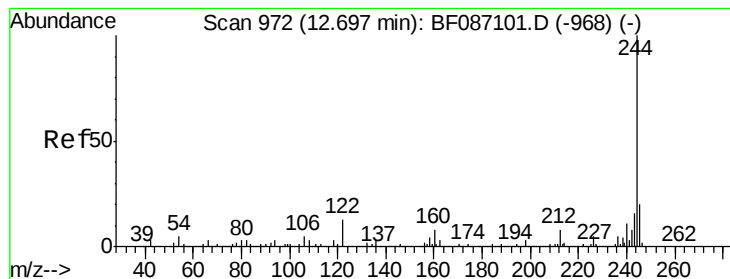


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 87.47 ng

RT: 12.65 min Scan# 968

Delta R.T. -0.00 min

Lab File: BF087274.D

Acq: 21 May 2016 15:53

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SYSDIS-051916

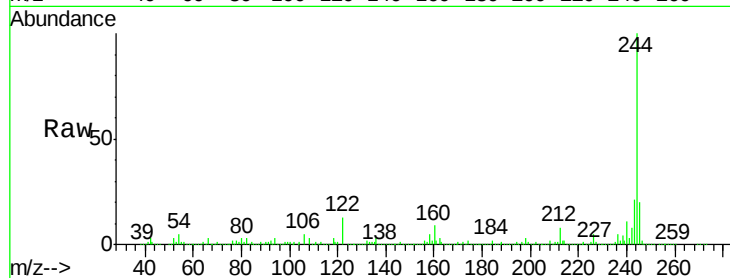
Tot Ion:244 Resp: 1013873

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

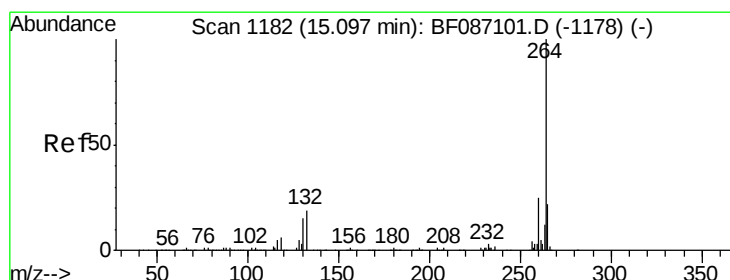
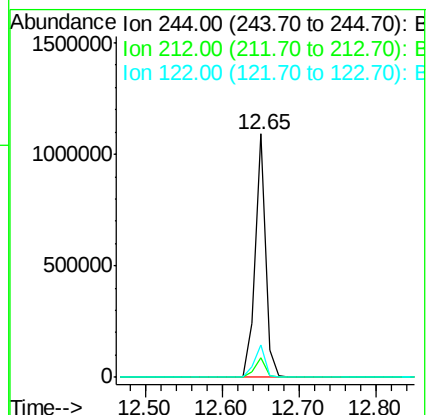
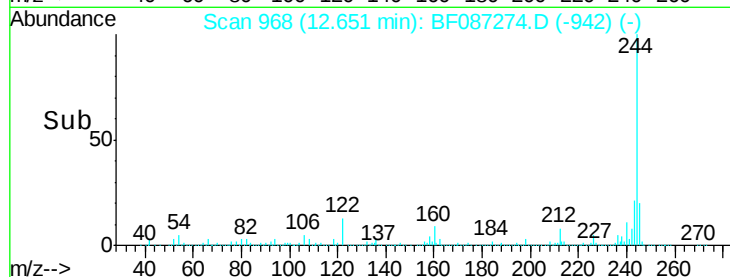
122 13.4 12.0 18.0



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: 15.05 min Scan# 1178

Delta R.T. 0.01 min

Lab File: BF087274.D

Acq: 21 May 2016 15:53

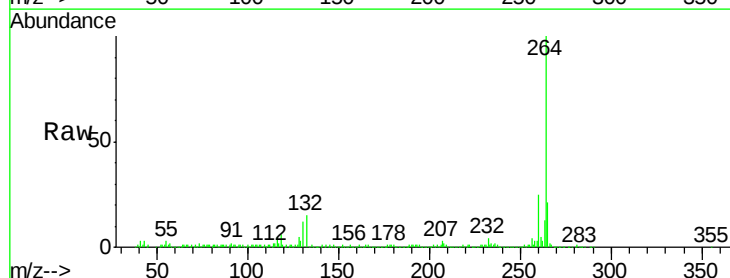
Tgt Ion:264 Resp: 236301

Ion Ratio Lower Upper

264 100

260 24.6 19.5 29.3

265 21.1 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

