

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051816\
 Data File : BF087170.D
 Acq On : 19 May 2016 4:48
 Operator : UM/SJ
 Sample : H3105-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-05

Quant Time: May 19 12:31:09 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

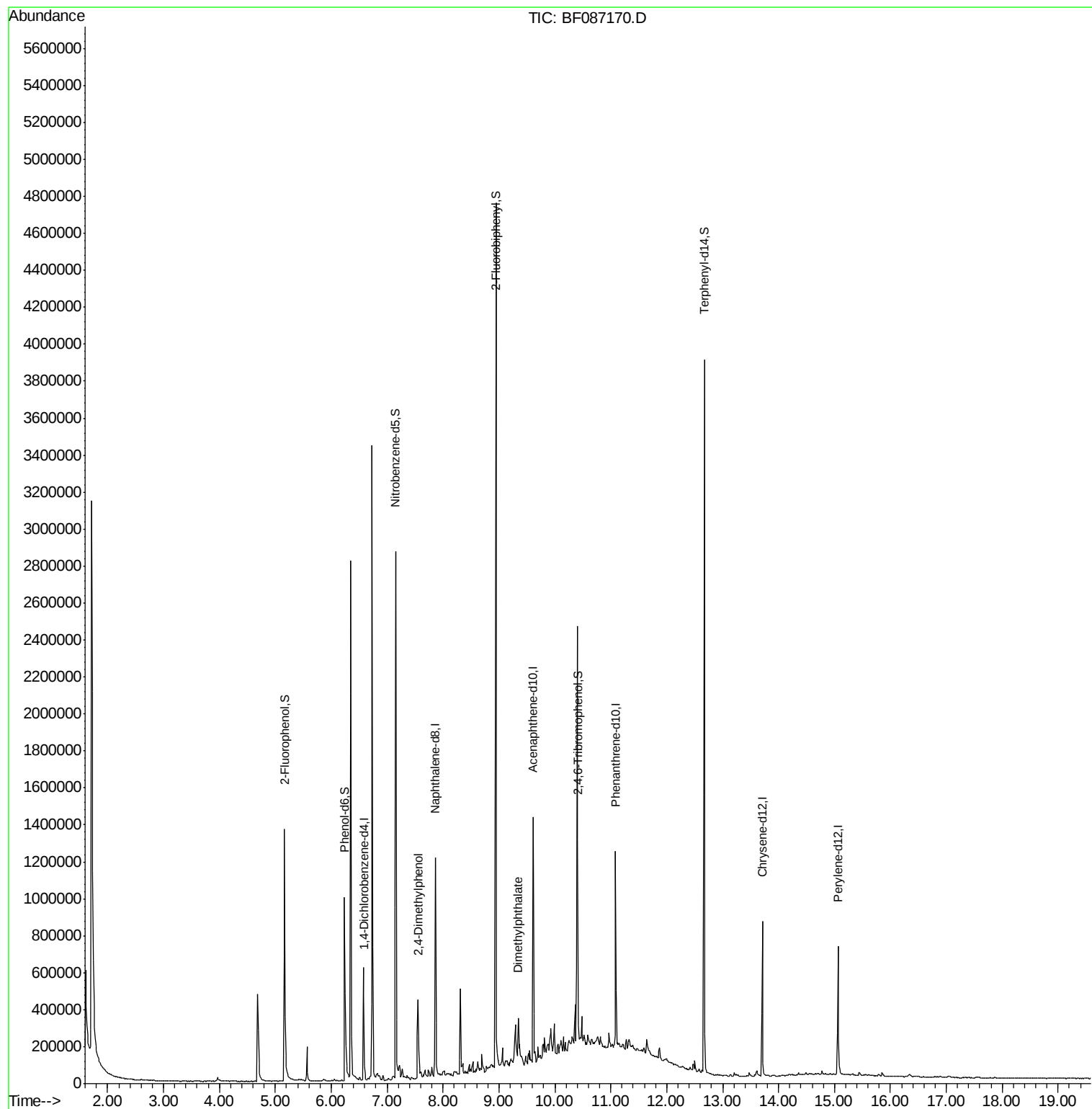
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	117266	20.00	ng	-0.02
21) Naphthalene-d8	7.86	136	477091	20.00	ng	-0.03
38) Acenaphthene-d10	9.61	164	223665	20.00	ng	-0.03
63) Phenanthrene-d10	11.08	188	372732	20.00	ng	-0.03
75) Chrysene-d12	13.71	240	298707	20.00	ng	-0.05
86) Perylene-d12	15.06	264	284551	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	478265	68.55	ng	-0.03
7) Phenol-d6	6.24	99	391234	41.81	ng	-0.05
23) Nitrobenzene-d5	7.15	82	930076	97.16	ng	-0.03
41) 2,4,6-Tribromophenol	10.41	330	346194	140.07	ng	-0.03
44) 2-Fluorobiphenyl	8.95	172	1474255	109.16	ng	-0.03
78) Terphenyl-d14	12.67	244	1194446	90.45	ng	-0.03
Target Compounds						
27) 2,4-Dimethylphenol	7.55	122	107695	14.58	ng	94
49) Dimethylphthalate	9.35	163	72526	4.25	ng	99

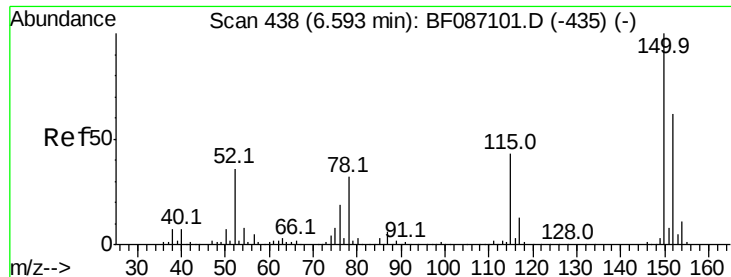
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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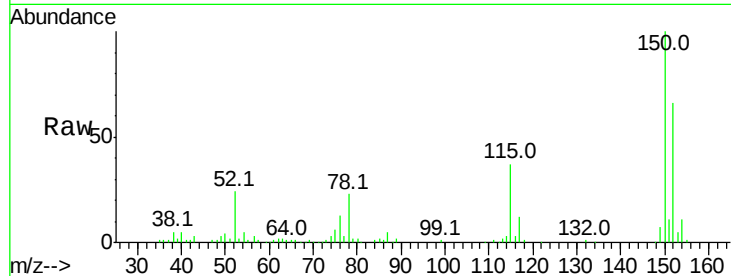


#1

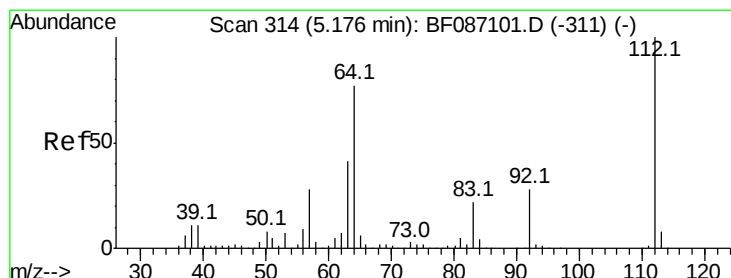
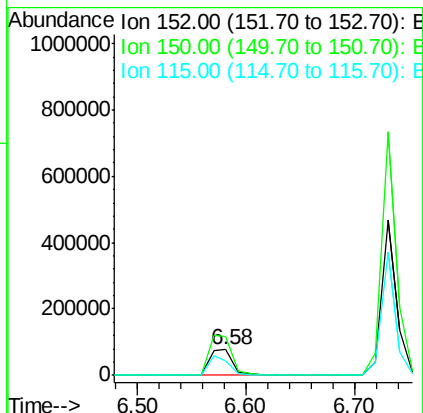
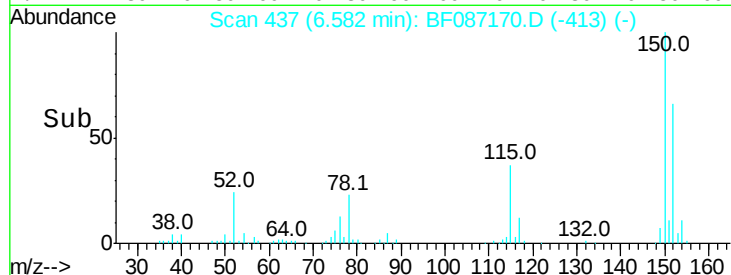
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.58 min Scan# 437
 Delta R.T. -0.02 min
 Lab File: BF087170.D
 Acq: 19 May 2016 4:48

Instrument :
 BNA_F
 ClientSampled :
 W-05

Tot Ion:152 Resp: 117266
 Ion Ratio Lower Upper
 152 100
 150 150.9 125.8 188.6
 115 55.5 51.5 77.3



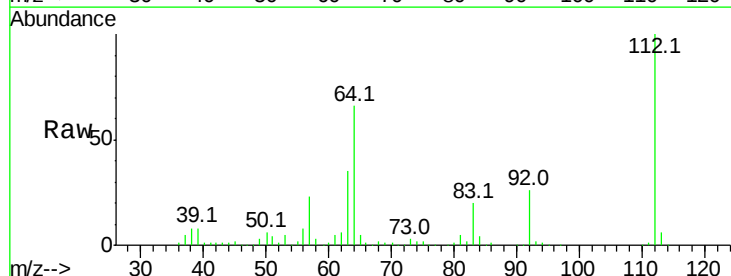
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



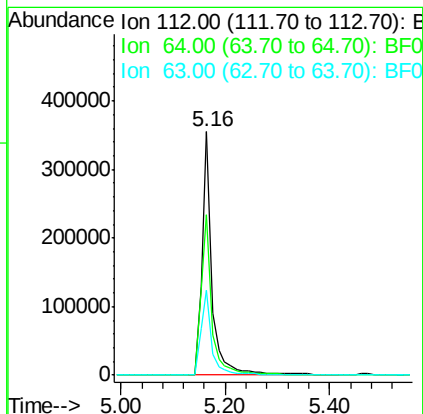
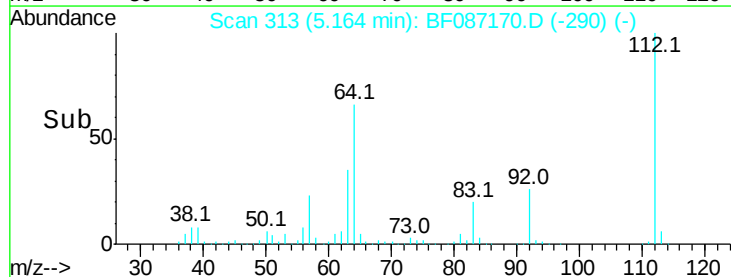
#5

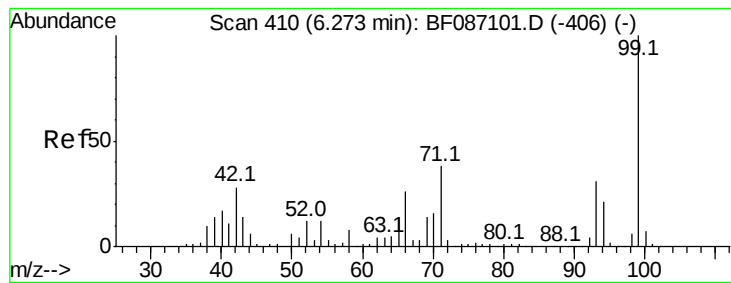
2-Fluorophenol
 Concen: 68.55 ng
 RT: 5.16 min Scan# 313
 Delta R.T. -0.03 min
 Lab File: BF087170.D
 Acq: 19 May 2016 4:48

Tgt Ion:112 Resp: 478265
 Ion Ratio Lower Upper
 112 100
 64 65.7 52.1 78.1
 63 35.1 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: 41.81 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.05 min

Lab File: BF087170.D

Acq: 19 May 2016 4:48

Instrument :

BNA_F

ClientSampleId :

W-05

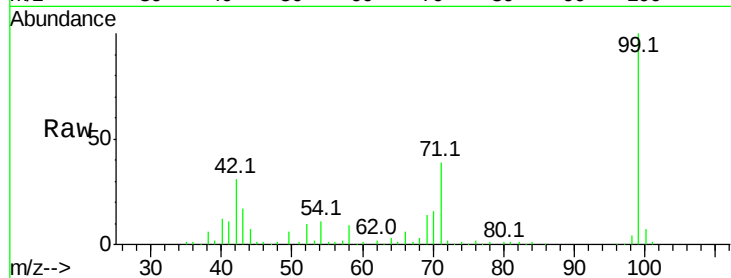
Tot Ion: 99 Resp: 391234

Ion Ratio Lower Upper

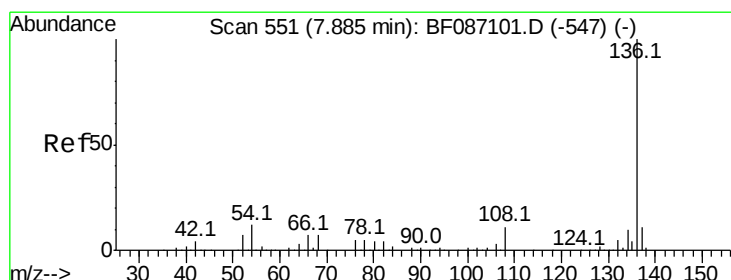
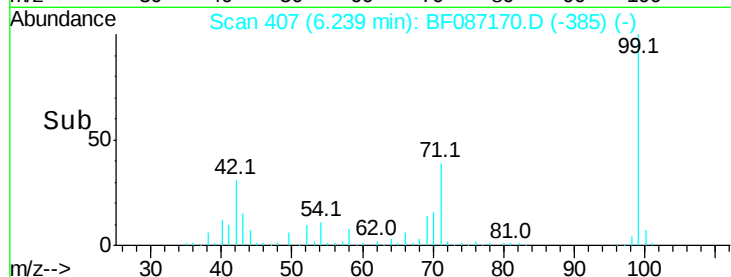
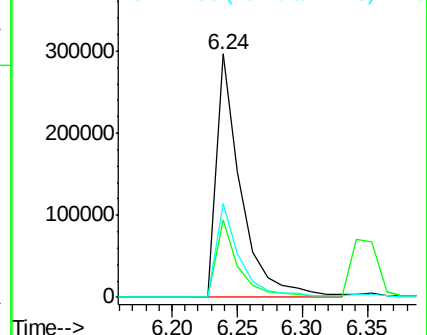
99 100

42 31.5 13.6 20.4#

71 38.7 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: BF087170.D

Acq: 19 May 2016 4:48

Tgt Ion: 136 Resp: 477091

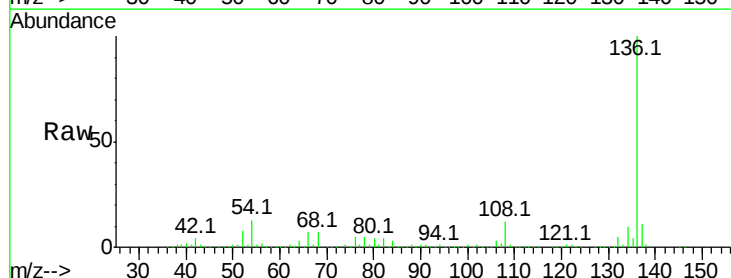
Ion Ratio Lower Upper

136 100

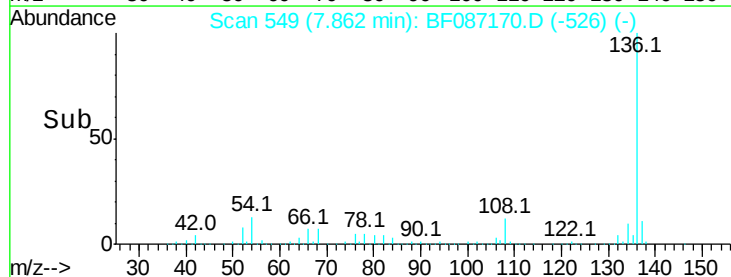
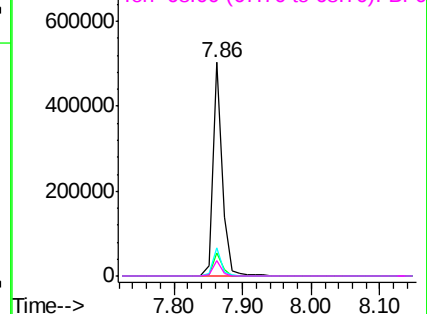
137 11.0 8.8 13.2

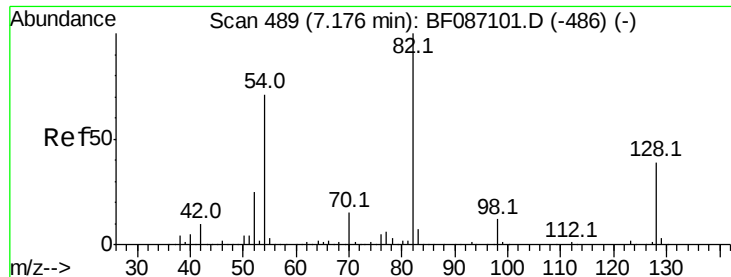
54 13.2 5.0 7.4#

68 7.2 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

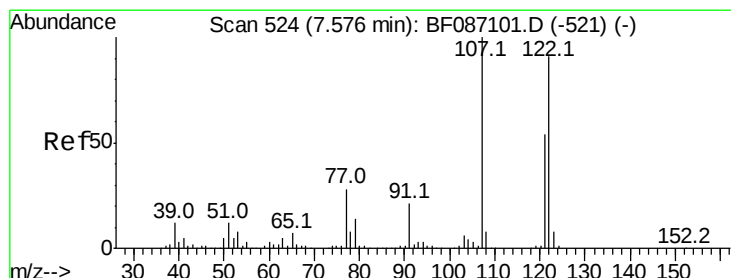
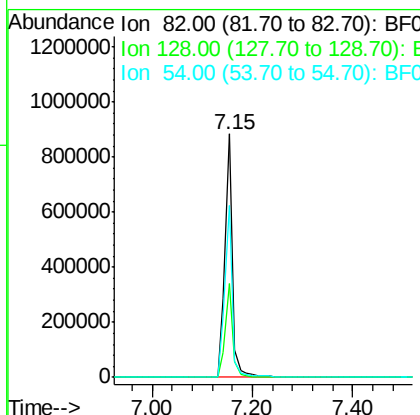
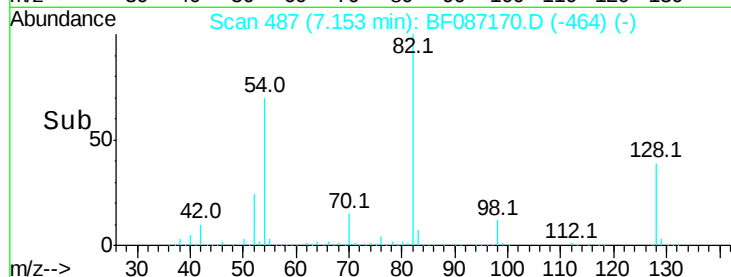
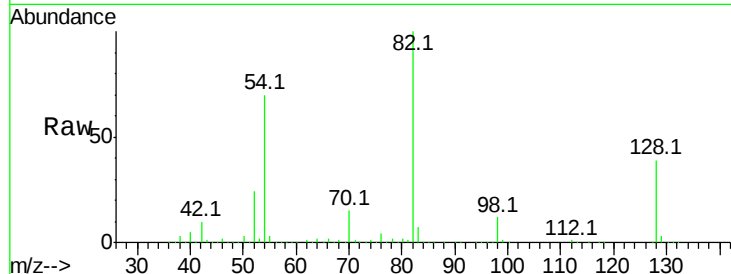




#23
 Nitrobenzene-d5
 Concen: 97.16 ng
 RT: 7.15 min Scan# 487
 Delta R.T. -0.03 min
 Lab File: BF087170.D
 Acq: 19 May 2016 4:48

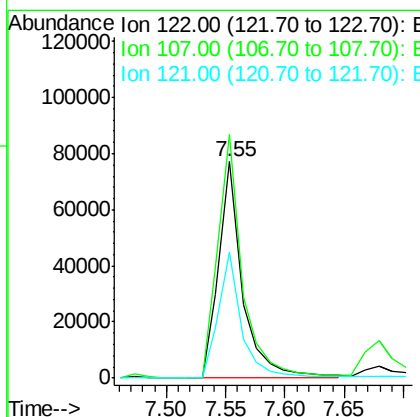
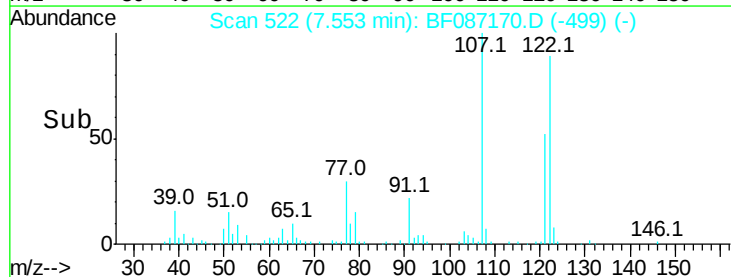
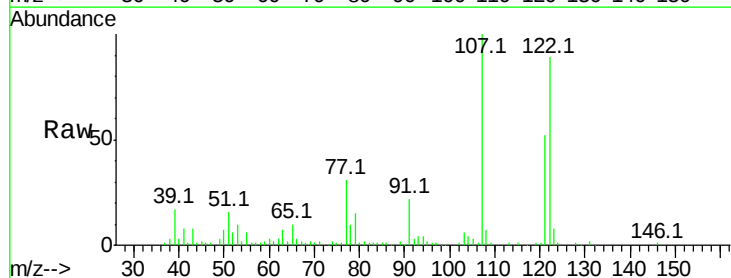
Instrument :
 BNA_F
 ClientSampleID :
 W-05

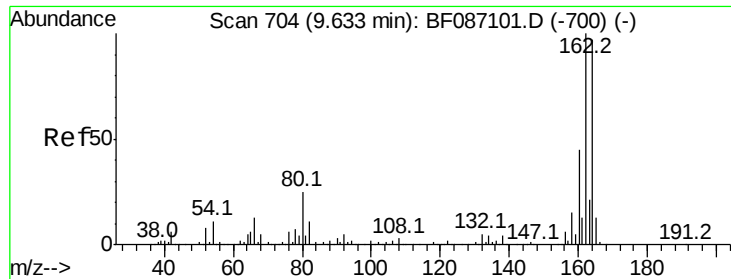
Tot Ion	82	Resp	930076
Ion Ratio	100	Lower	Upper
128	38.8	40.6	61.0#
54	70.4	38.1	57.1#



#27
 2,4-Dimethylphenol
 Concen: 14.58 ng
 RT: 7.55 min Scan# 522
 Delta R.T. -0.03 min
 Lab File: BF087170.D
 Acq: 19 May 2016 4:48

Tgt Ion	122	Resp	107695
Ion Ratio	100	Lower	Upper
107	112.4	82.0	123.0
121	58.0	46.1	69.1

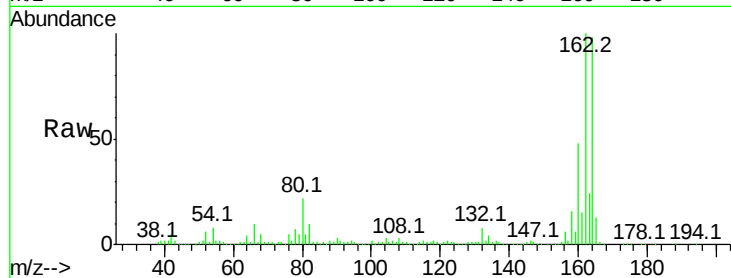




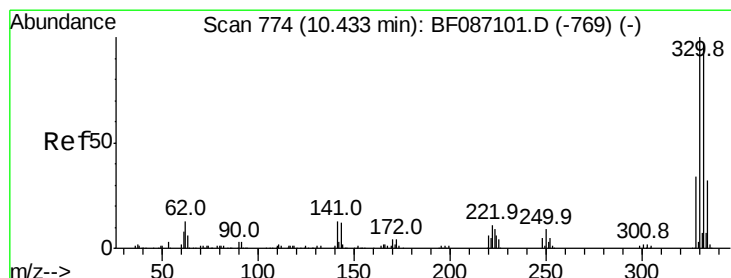
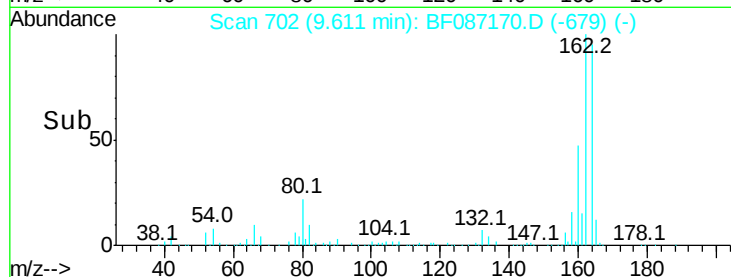
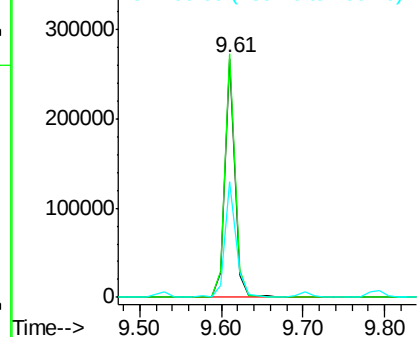
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.03 min
Lab File: BF087170.D
Acq: 19 May 2016 4:48

Instrument :
BNA_F
ClientSampleId :
W-05

Tot Ion:164 Resp: 223665
Ion Ratio Lower Upper
164 100
162 101.9 82.8 124.2
160 48.4 36.9 55.3

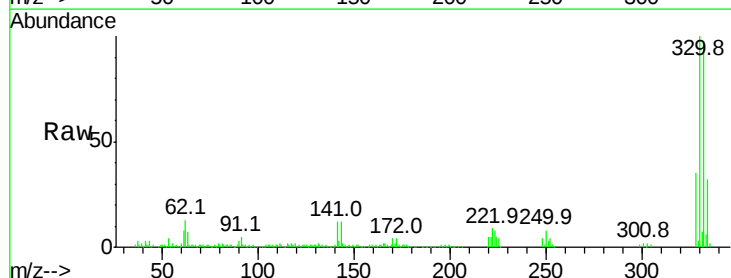


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

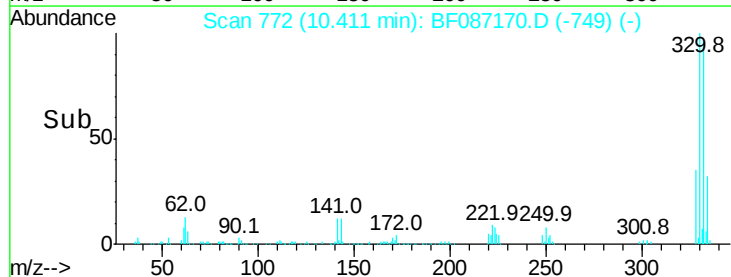
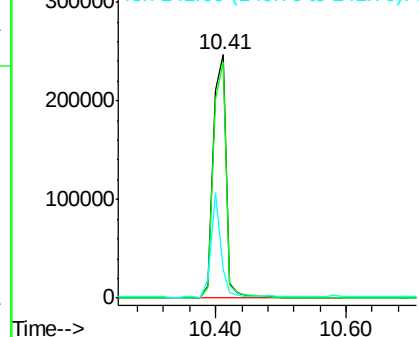


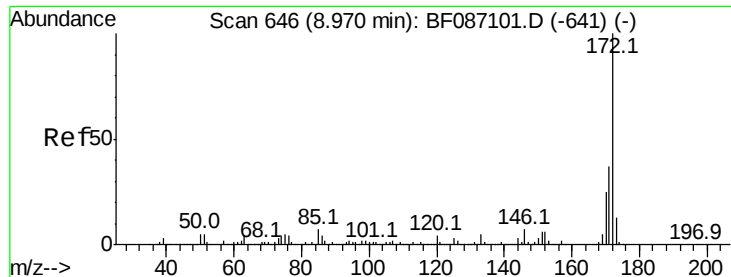
#41
2,4,6-Tribromophenol
Concen: 140.07 ng
RT: 10.41 min Scan# 772
Delta R.T. -0.03 min
Lab File: BF087170.D
Acq: 19 May 2016 4:48

Tgt Ion:330 Resp: 346194
Ion Ratio Lower Upper
330 100
332 96.8 79.0 118.4
141 32.2 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: 109.16 ng

RT: 8.95 min Scan# 644

Delta R.T. -0.03 min

Lab File: BF087170.D

Acq: 19 May 2016 4:48

Instrument :

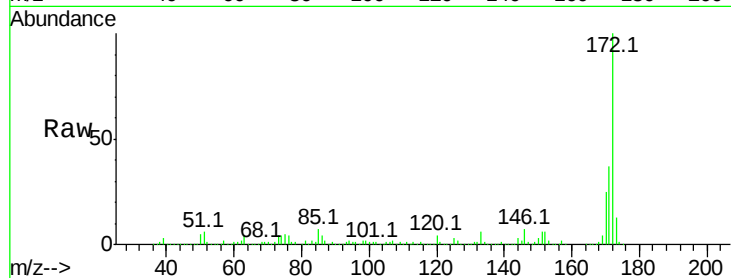
BNA_F

ClientSampleId :

W-05

Tot Ion:172 Resp: 1474255

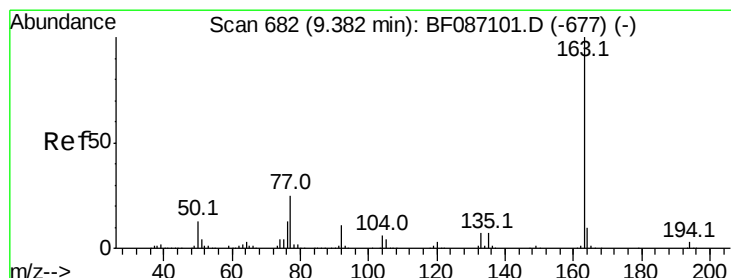
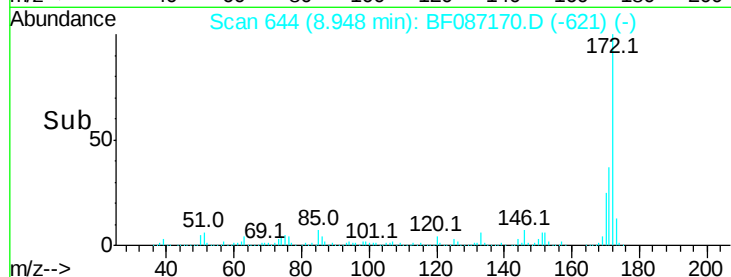
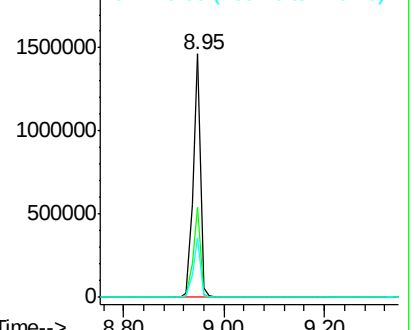
Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.0	43.6
170	24.6	19.8	29.8



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: 4.25 ng

RT: 9.35 min Scan# 679

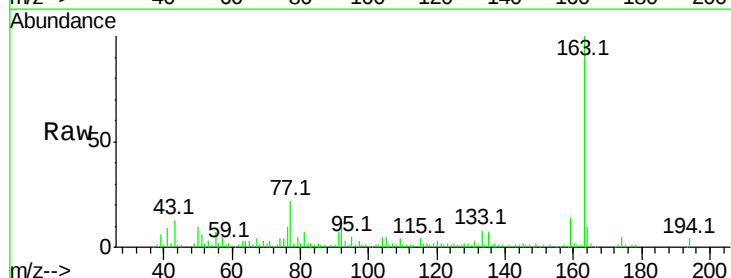
Delta R.T. -0.05 min

Lab File: BF087170.D

Acq: 19 May 2016 4:48

Tgt Ion:163 Resp: 72526

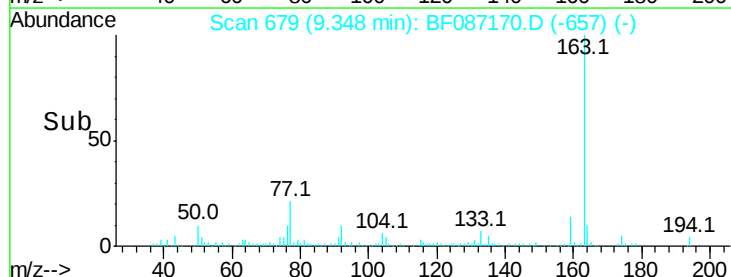
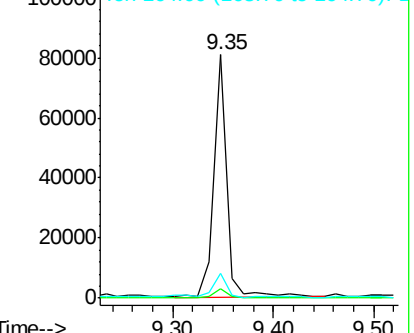
Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	10.1	8.2	12.4

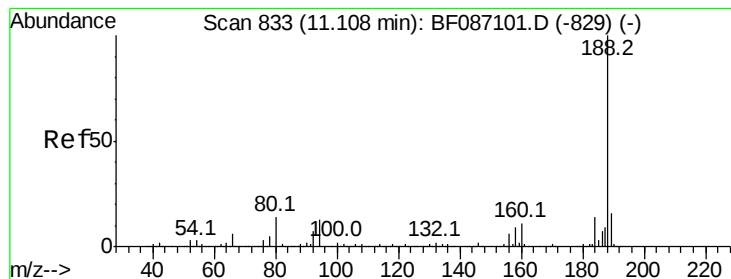


Abundance Ion 163.00 (162.70 to 163.70): E

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: BF087170.D

Acq: 19 May 2016 4:48

Instrument :

BNA_F

ClientSampleId :

W-05

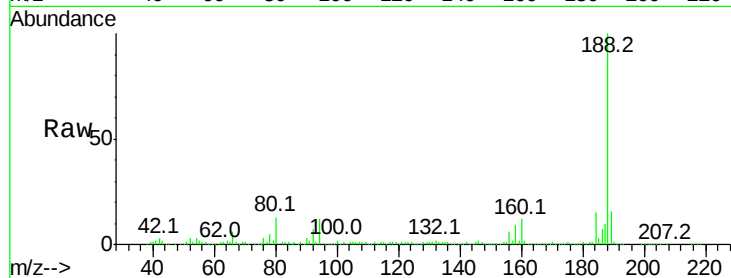
Tot Ion:188 Resp: 372732

Ion Ratio Lower Upper

188 100

94 11.8 6.8 10.2#

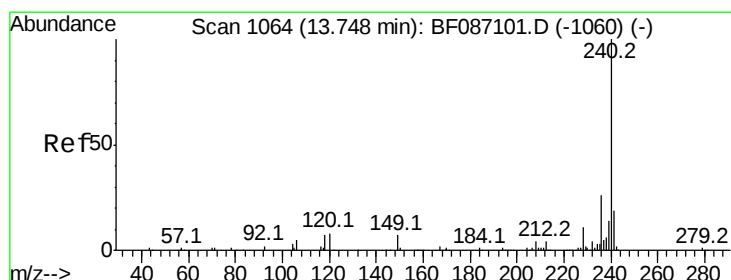
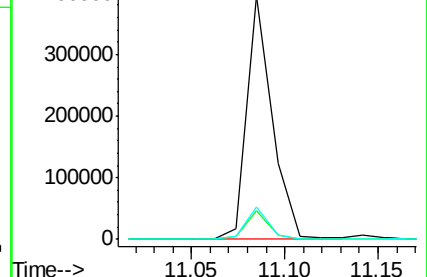
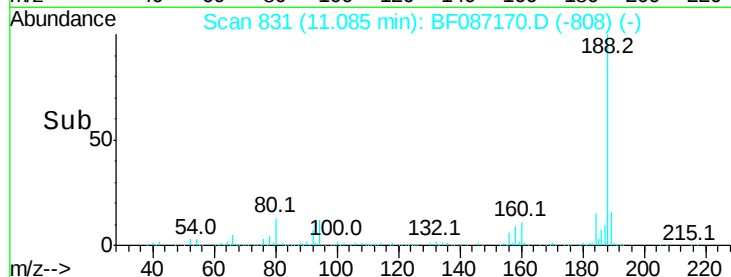
80 13.4 7.1 10.7#



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: 13.71 min Scan# 1061

Delta R.T. -0.05 min

Lab File: BF087170.D

Acq: 19 May 2016 4:48

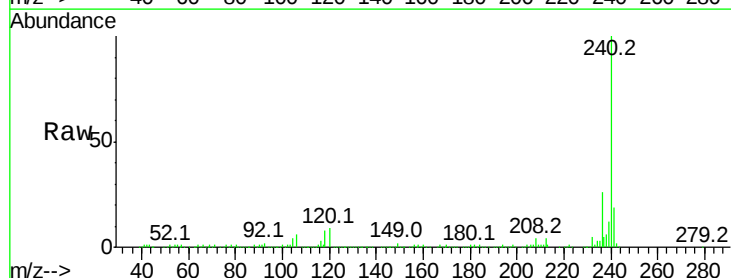
Tgt Ion:240 Resp: 298707

Ion Ratio Lower Upper

240 100

120 9.4 11.2 16.8#

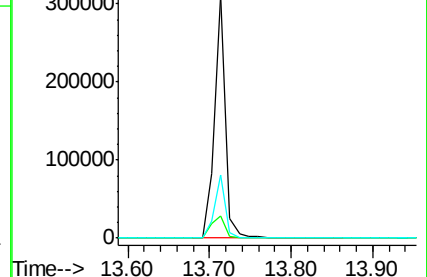
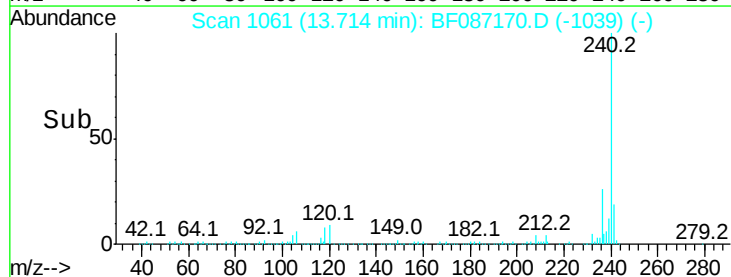
236 26.0 21.2 31.8

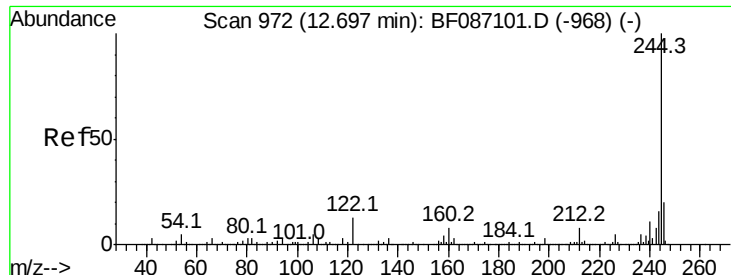


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 90.45 ng

RT: 12.67 min Scan# 970

Delta R.T. -0.03 min

Lab File: BF087170.D

Acq: 19 May 2016 4:48

Instrument :

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W-05

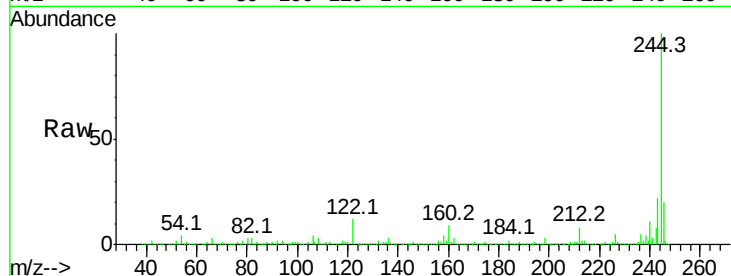
Tot Ion:244 Resp: 1194446

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

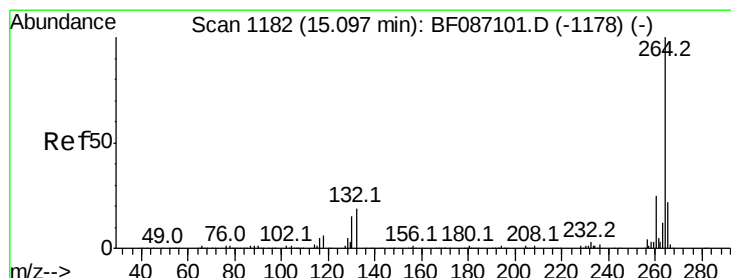
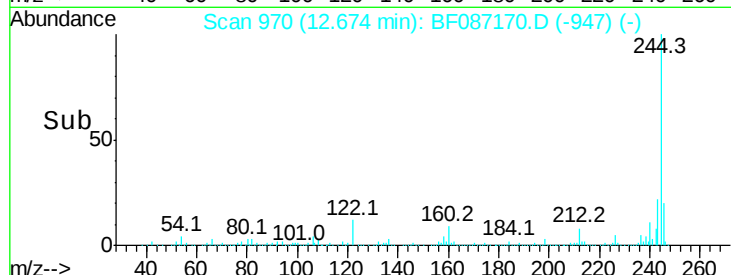
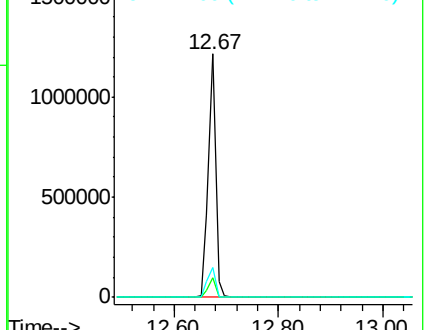
122 12.4 12.0 18.0



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: 15.06 min Scan# 1179

Delta R.T. -0.05 min

Lab File: BF087170.D

Acq: 19 May 2016 4:48

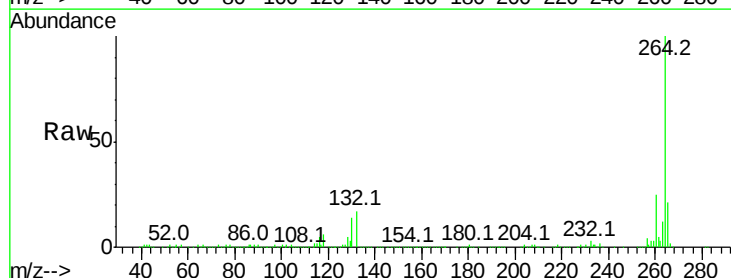
Tgt Ion:264 Resp: 284551

Ion Ratio Lower Upper

264 100

260 24.7 19.5 29.3

265 21.2 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

