

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
 Data File : BF087055.D
 Acq On : 15 May 2016 8:15
 Operator : UM/SJ
 Sample : H3052-11
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-09

Quant Time: May 16 07:07:05 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 16 05:03:47 2016
 Response via : Initial Calibration

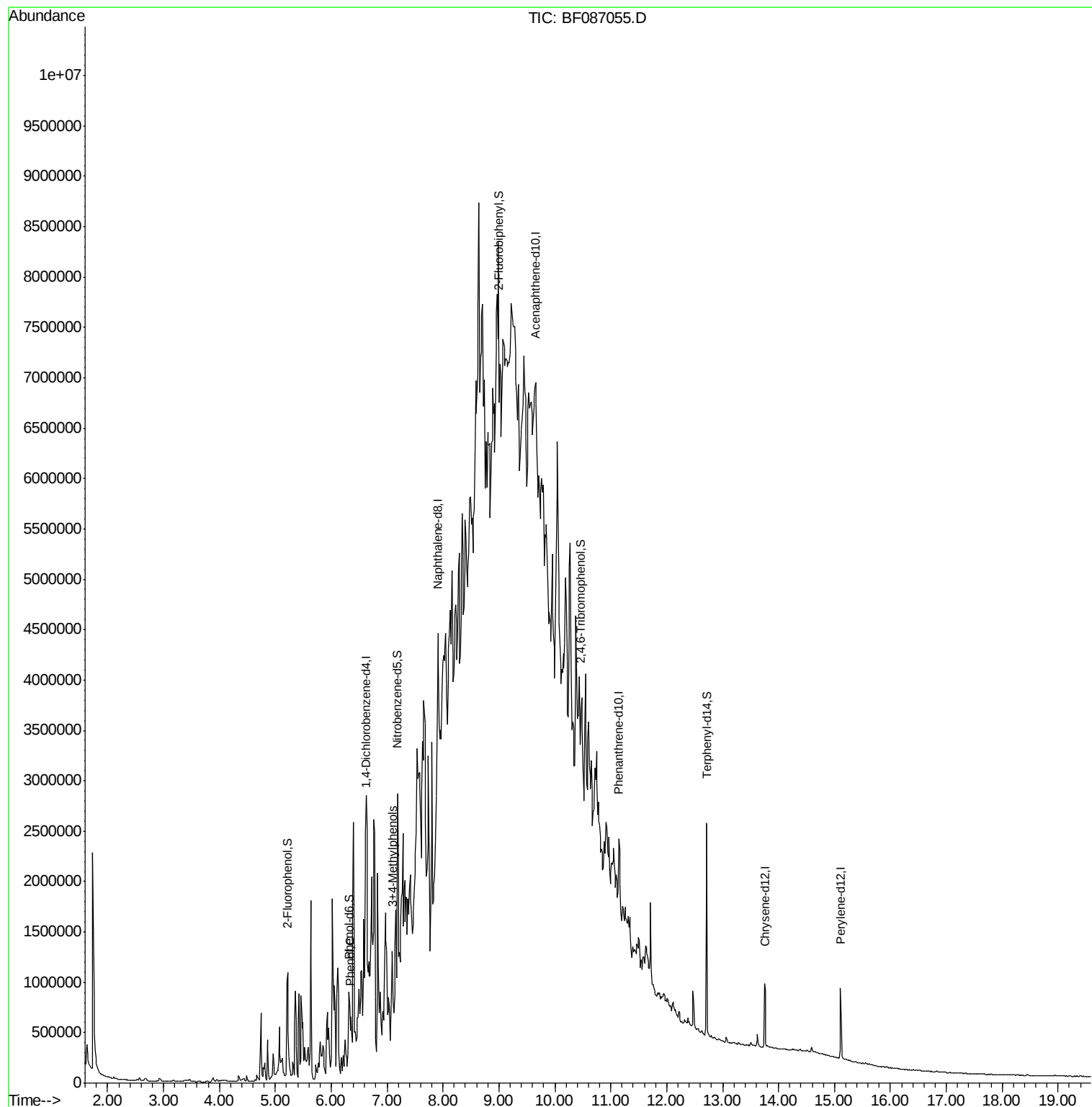
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	148333	20.00	ng	0.00
21) Naphthalene-d8	7.91	136	545495	20.00	ng	0.00
38) Acenaphthene-d10	9.66	164	196782	20.00	ng	0.00
63) Phenanthrene-d10	11.14	188	434848	20.00	ng	0.01
75) Chrysene-d12	13.76	240	313049	20.00	ng	0.00
86) Perylene-d12	15.11	264	330143	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	473995	54.12	ng	0.02
7) Phenol-d6	6.33	99	411871	35.18	ng	0.05
23) Nitrobenzene-d5	7.19	82	834429	76.81	ng	-0.01
41) 2,4,6-Tribromophenol	10.47	330	271499	130.32	ng	0.02
44) 2-Fluorobiphenyl	8.99	172	1067107	91.14	ng	0.01
78) Terphenyl-d14	12.72	244	836313	56.68	ng	0.01
Target Compounds						
10) Phenol	6.34	94	42854	3.08	ng	# 52
20) 3+4-Methylphenols	7.10	107	247200	22.50	ng	# 56

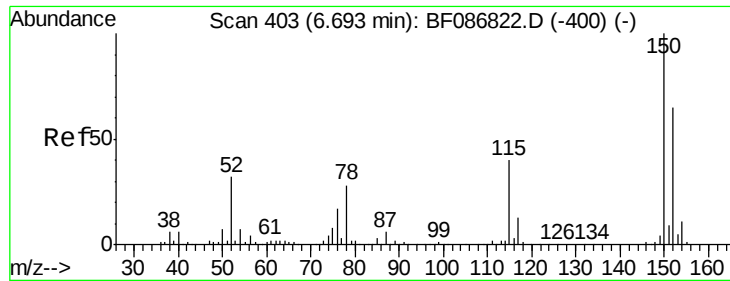
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.62 min Scan# 440

Delta R.T. 0.00 min

Lab File: BF087055.D

Acq: 15 May 2016 8:15

Instrument :

BNA_F

ClientSampleId :

MW-09

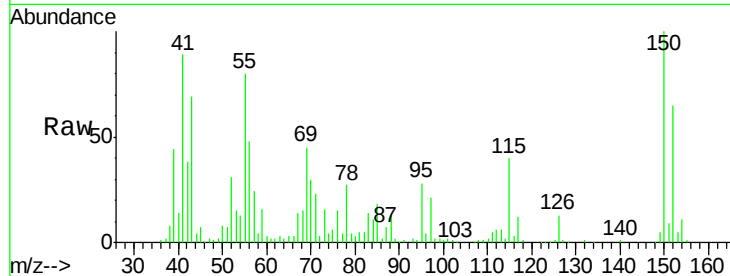
Tgt Ion:152 Resp: 148333

Ion Ratio Lower Upper

152 100

150 154.1 125.8 188.6

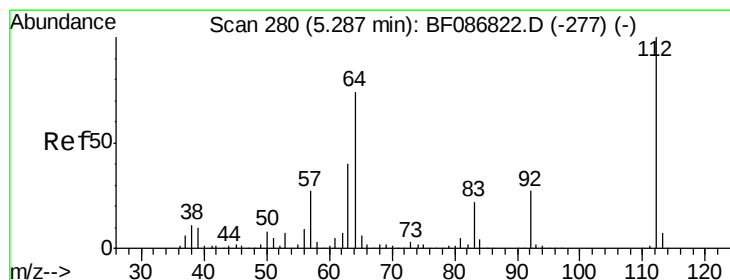
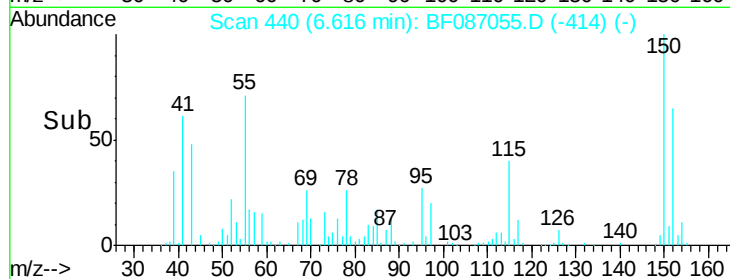
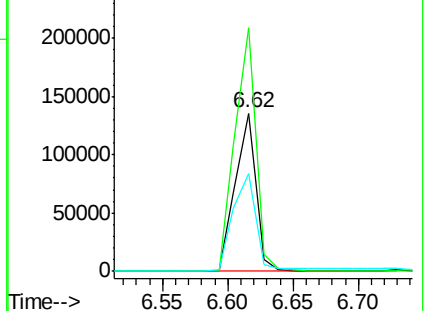
115 61.8 51.5 77.3



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: 54.12 ng

RT: 5.22 min Scan# 318

Delta R.T. 0.02 min

Lab File: BF087055.D

Acq: 15 May 2016 8:15

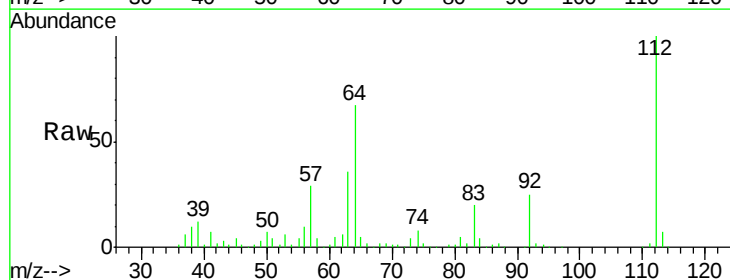
Tgt Ion:112 Resp: 473995

Ion Ratio Lower Upper

112 100

64 66.9 52.1 78.1

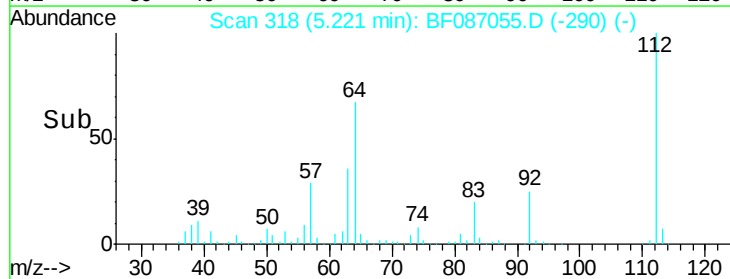
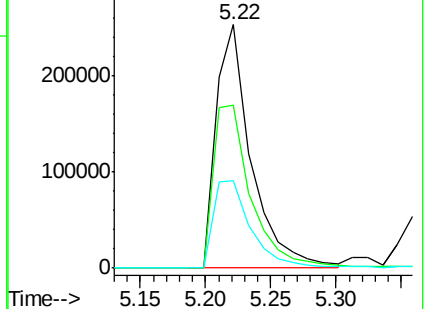
63 35.9 25.7 38.5

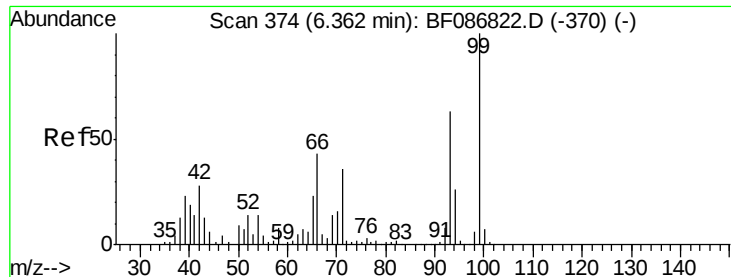


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 35.18 ng

RT: 6.33 min Scan# 415

Delta R.T. 0.05 min

Lab File: BF087055.D

Acq: 15 May 2016 8:15

Instrument :

BNA_F

ClientSampled :

MW-09

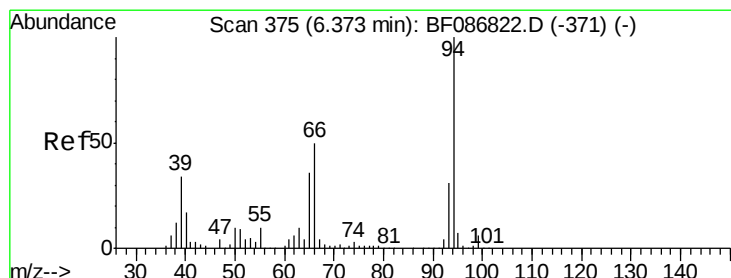
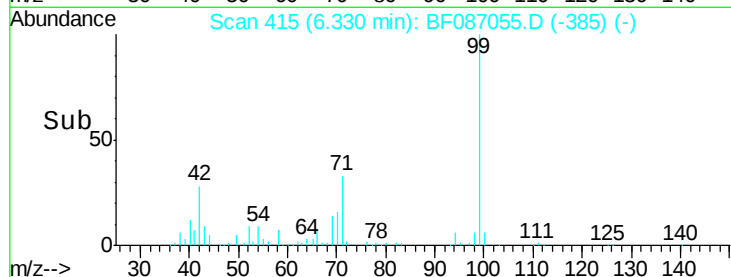
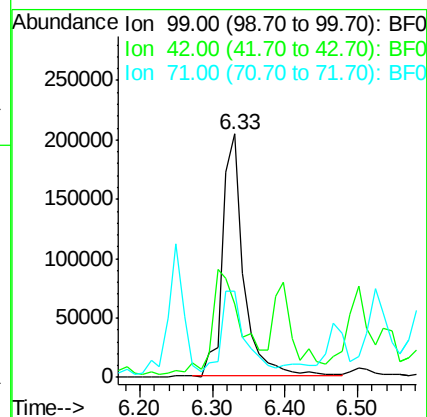
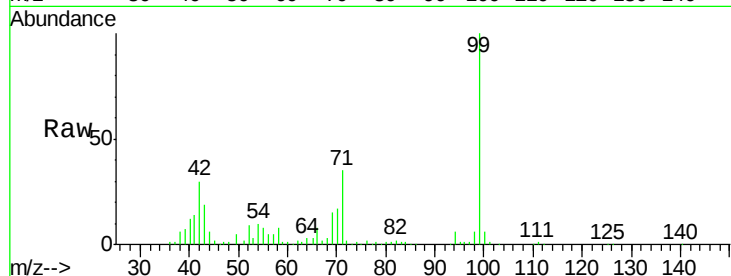
Tgt Ion: 99 Resp: 411871

Ion Ratio Lower Upper

99 100

42 30.0 13.6 20.4#

71 35.2 24.6 36.8



#10

Phenol

Concen: 3.08 ng

RT: 6.34 min Scan# 416

Delta R.T. 0.05 min

Lab File: BF087055.D

Acq: 15 May 2016 8:15

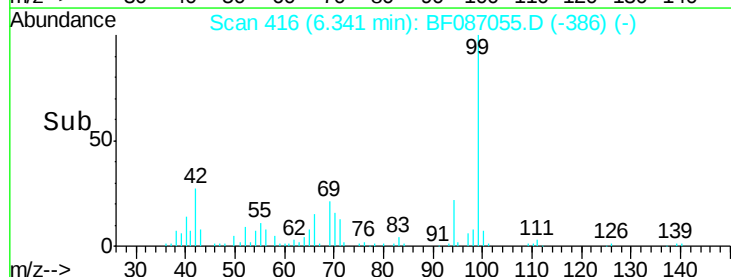
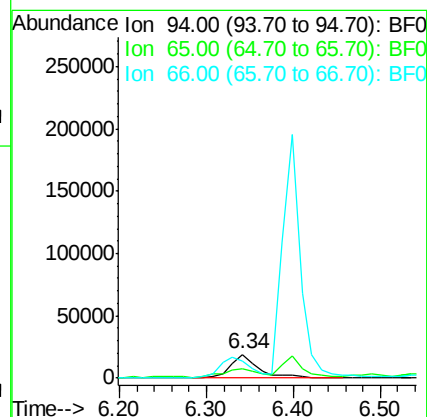
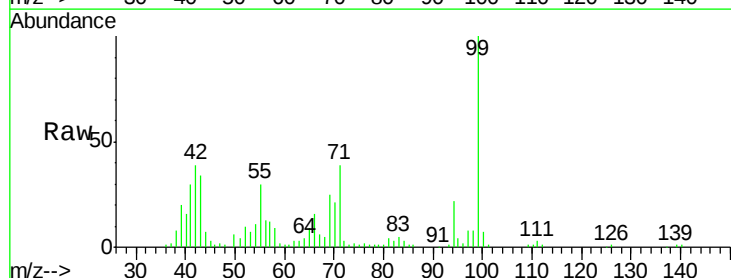
Tgt Ion: 94 Resp: 42854

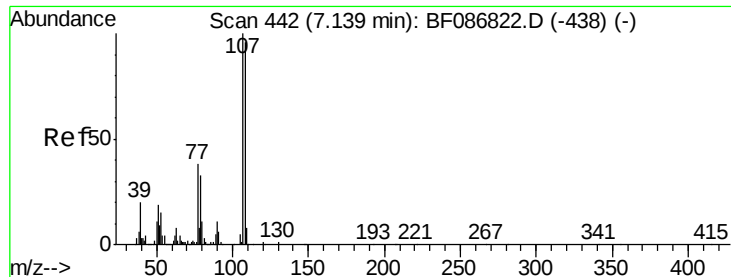
Ion Ratio Lower Upper

94 100

65 41.2 7.2 47.2

66 71.9 14.9 54.9#





#20

3+4-Methylphenols

Concen: 22.50 ng

RT: 7.10 min Scan# 482

Delta R.T. 0.03 min

Lab File: BF087055.D

Acq: 15 May 2016 8:15

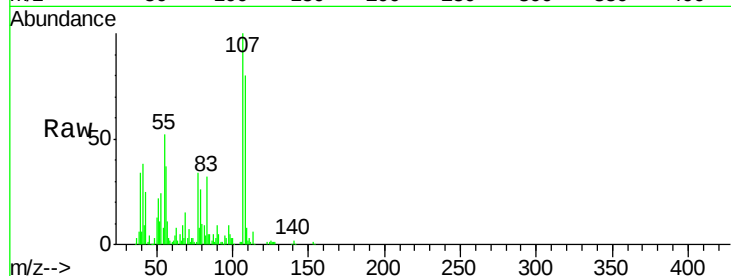
Instrument :

BNA_F

ClientSampled :

MW-09

Tgt Ion:	107	Resp:	247200
Ion	Ratio	Lower	Upper
107	100		
108	79.7	68.5	108.5
77	33.7	101.6	141.6#
79	25.6	7.4	47.4



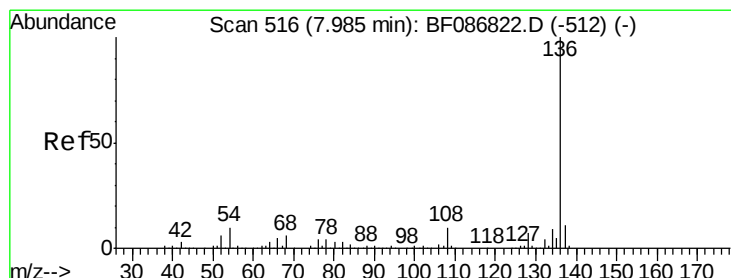
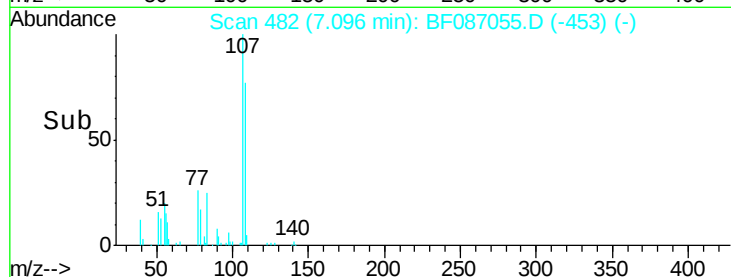
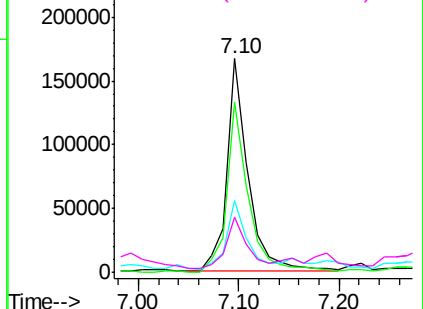
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

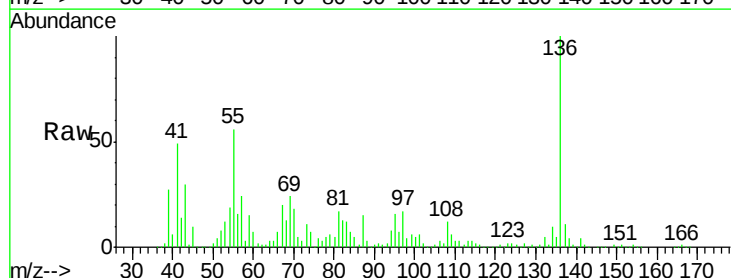
RT: 7.91 min Scan# 553

Delta R.T. 0.00 min

Lab File: BF087055.D

Acq: 15 May 2016 8:15

Tgt Ion:	136	Resp:	545495
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	18.7	5.0	7.4#
68	12.5	4.4	6.6#



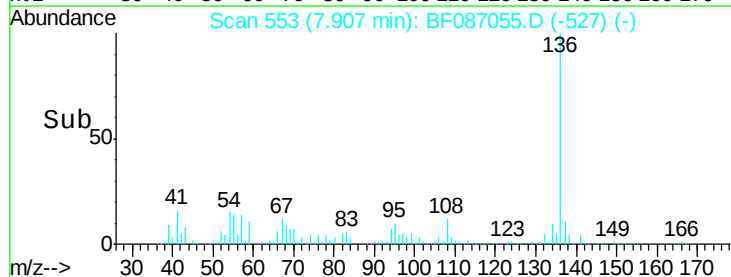
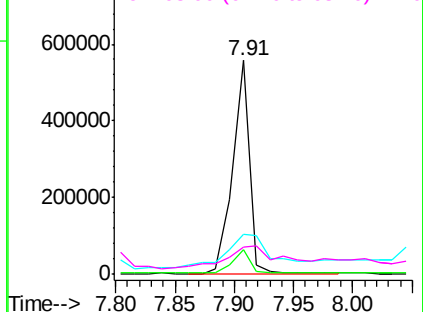
Abundance

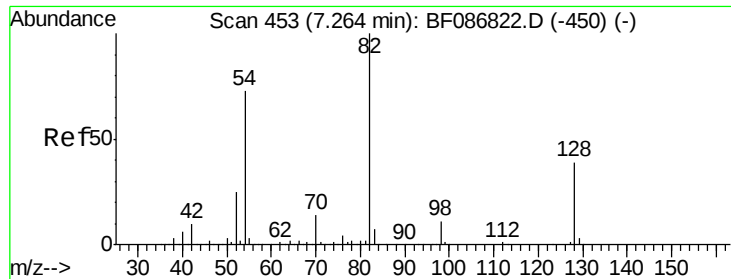
Ion 136.00 (135.70 to 136.70): E

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

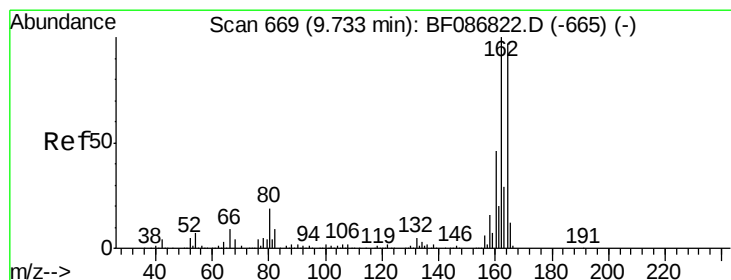
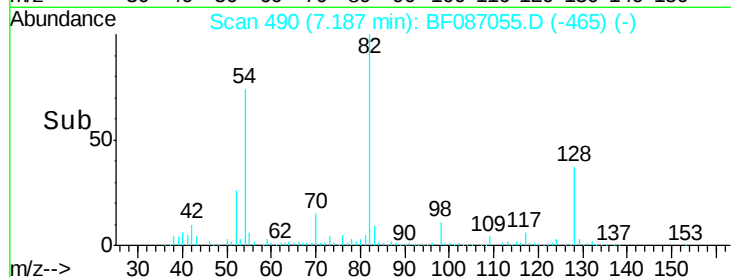
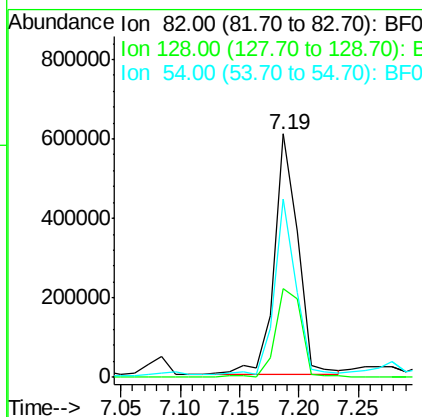
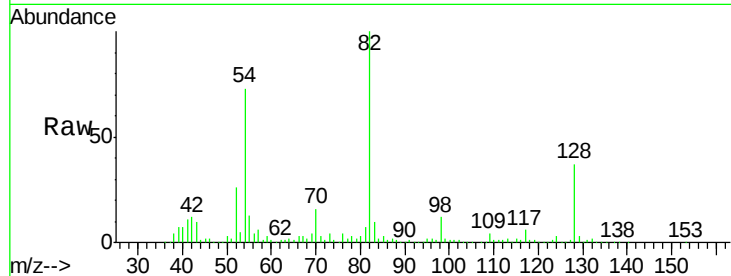




#23
 Nitrobenzene-d5
 Concen: 76.81 ng
 RT: 7.19 min Scan# 490
 Delta R.T. -0.01 min
 Lab File: BF087055.D
 Acq: 15 May 2016 8:15

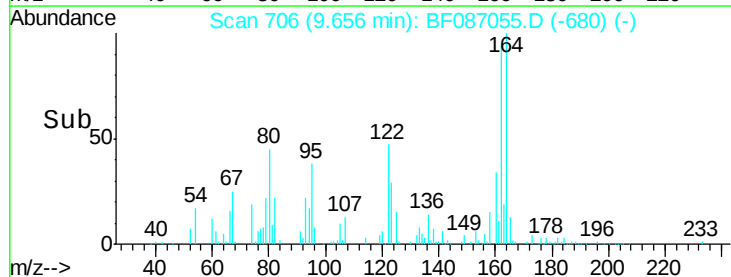
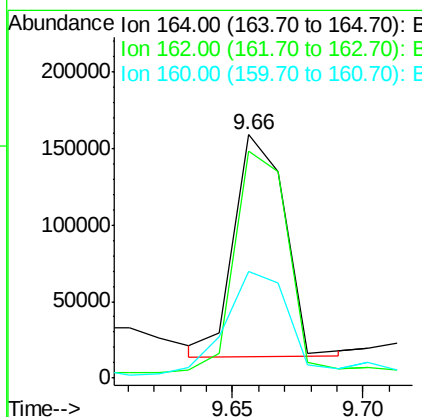
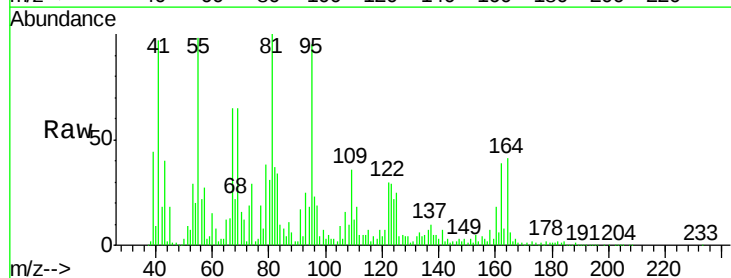
Instrument :
 BNA_F
 ClientSampleId :
 MW-09

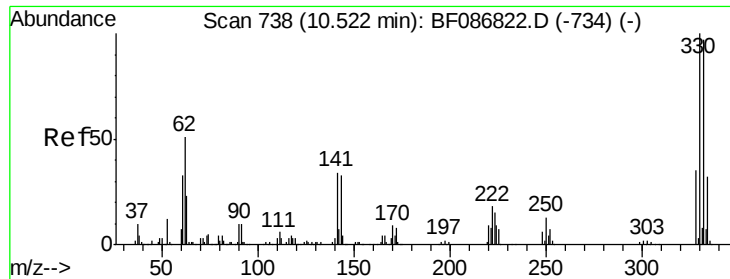
Tgt Ion: 82 Resp: 834429
 Ion Ratio Lower Upper
 82 100
 128 36.5 40.6 61.0#
 54 73.3 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.66 min Scan# 706
 Delta R.T. 0.00 min
 Lab File: BF087055.D
 Acq: 15 May 2016 8:15

Tgt Ion: 164 Resp: 196782
 Ion Ratio Lower Upper
 164 100
 162 93.2 82.8 124.2
 160 43.9 36.9 55.3

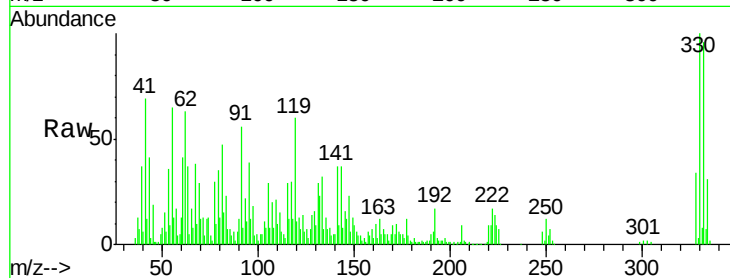




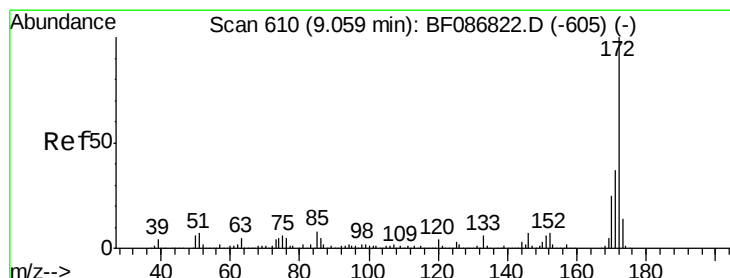
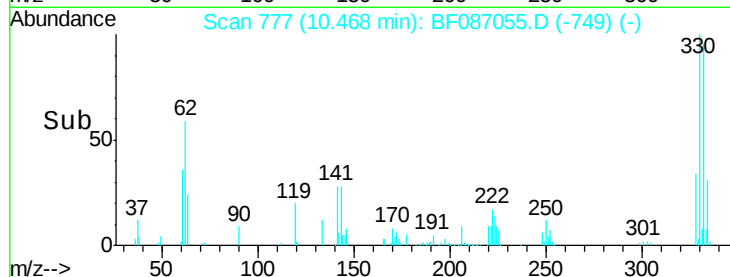
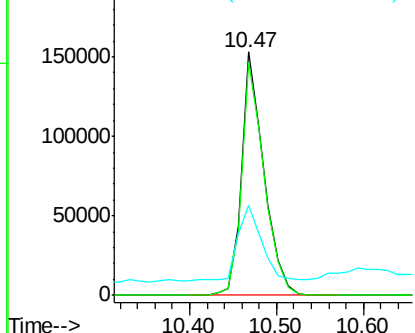
#41
 2,4,6-Tribromophenol
 Concen: 130.32 ng
 RT: 10.47 min Scan# 777
 Delta R.T. 0.02 min
 Lab File: BF087055.D
 Acq: 15 May 2016 8:15

Instrument :
 BNA_F
 ClientSampleId :
 MW-09

Tgt Ion:330 Resp: 271499
 Ion Ratio Lower Upper
 330 100
 332 96.7 79.0 118.4
 141 34.7 31.2 46.8

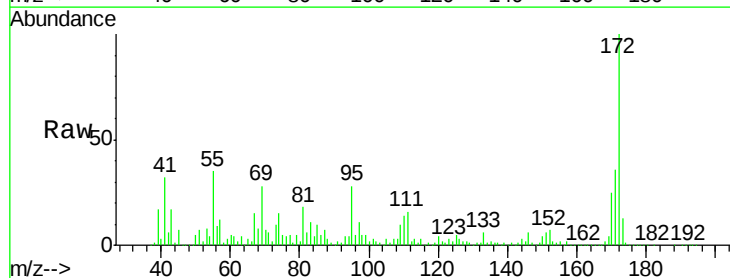


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

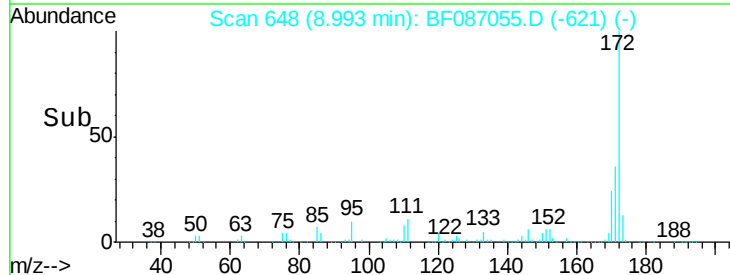
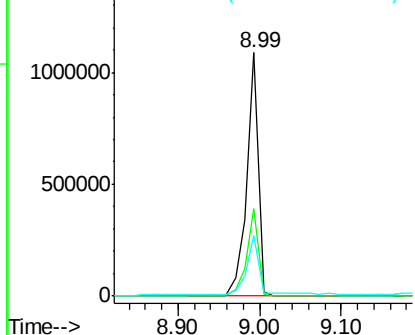


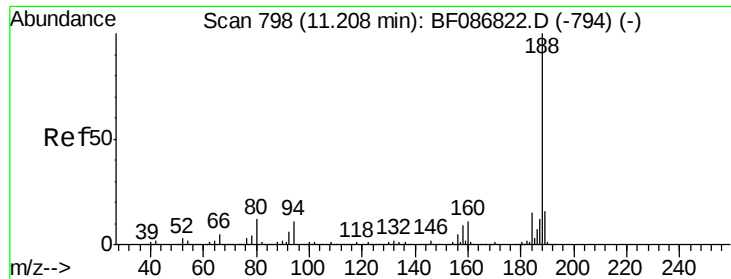
#44
 2-Fluorobiphenyl
 Concen: 91.14 ng
 RT: 8.99 min Scan# 648
 Delta R.T. 0.01 min
 Lab File: BF087055.D
 Acq: 15 May 2016 8:15

Tgt Ion:172 Resp: 1067107
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.0 43.6
 170 24.7 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

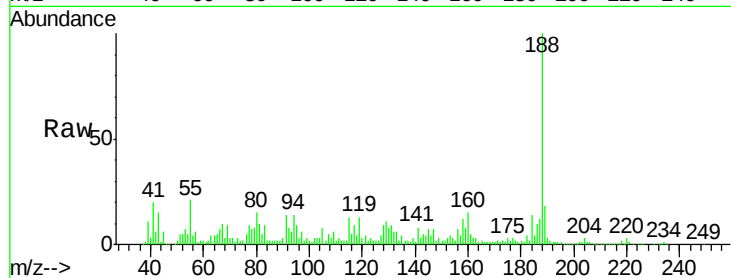




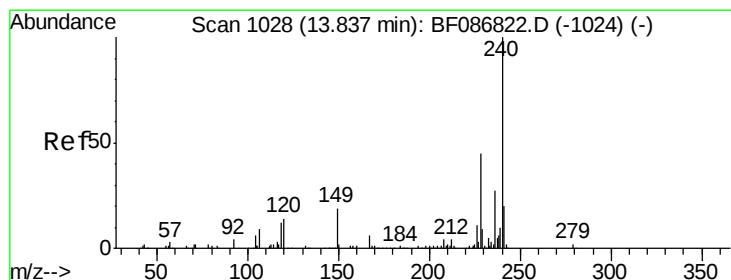
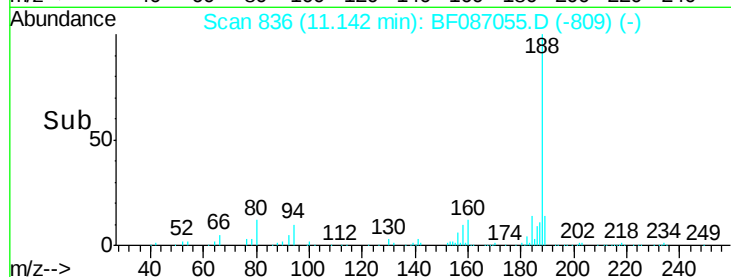
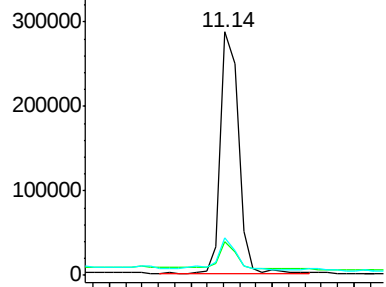
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 836
Delta R.T. 0.01 min
Lab File: BF087055.D
Acq: 15 May 2016 8:15

Instrument :
BNA_F
ClientSampleId :
MW-09

Tgt Ion:188 Resp: 434848
Ion Ratio Lower Upper
188 100
94 14.0 6.8 10.2#
80 15.2 7.1 10.7#

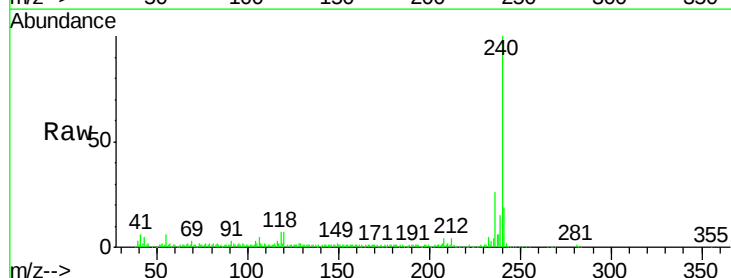


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

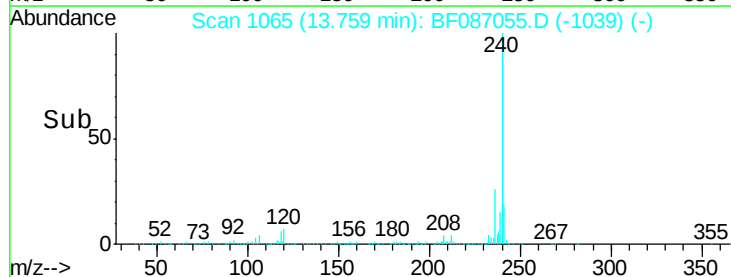
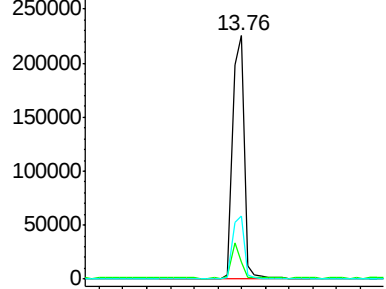


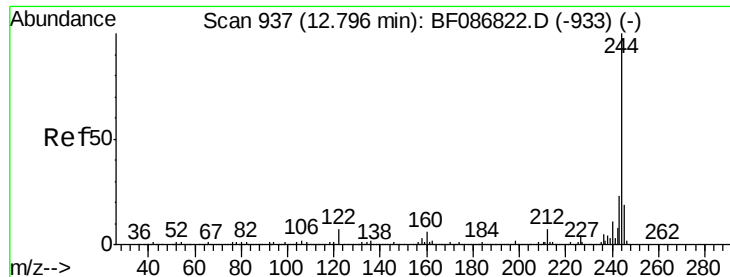
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.76 min Scan# 1065
Delta R.T. 0.00 min
Lab File: BF087055.D
Acq: 15 May 2016 8:15

Tgt Ion:240 Resp: 313049
Ion Ratio Lower Upper
240 100
120 7.2 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: 56.68 ng

RT: 12.72 min Scan# 974

Delta R.T. 0.01 min

Lab File: BF087055.D

Acq: 15 May 2016 8:15

Instrument :

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ClientSampleId :

MW-09

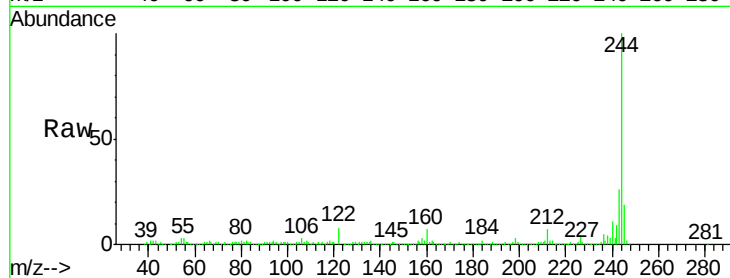
Tgt Ion:244 Resp: 836313

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

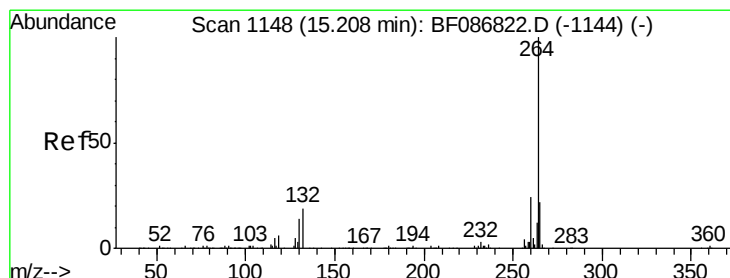
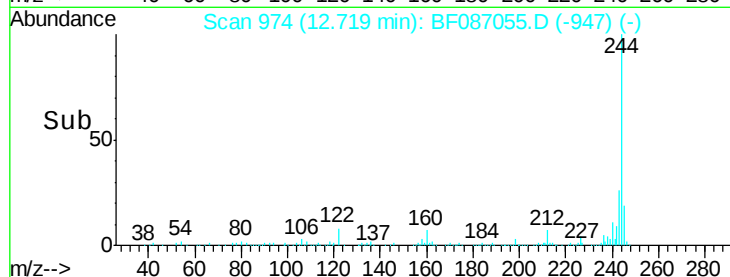
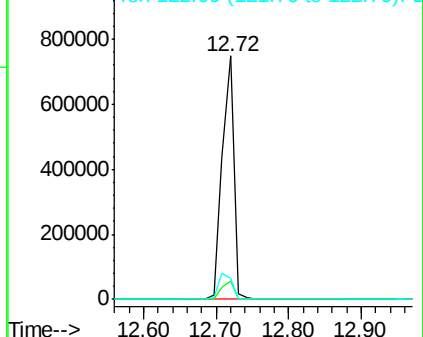
122 8.4 12.0 18.0#



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: 15.11 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BF087055.D

Acq: 15 May 2016 8:15

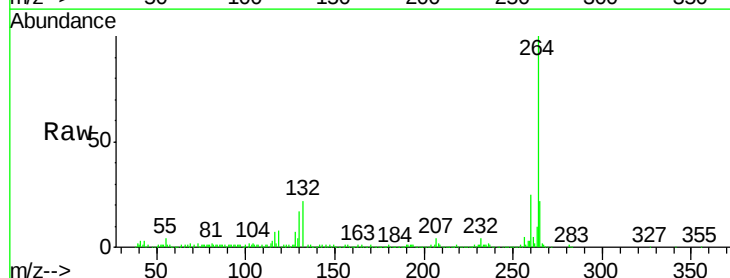
Tgt Ion:264 Resp: 330143

Ion Ratio Lower Upper

264 100

260 24.7 19.5 29.3

265 22.2 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

