

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052516\
 Data File : BF087399.D
 Acq On : 26 May 2016 7:01
 Operator : UM/SJ
 Sample : H3220-10
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-38-COMP

Quant Time: May 26 08:47:39 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 16:26:52 2016
 Response via : Initial Calibration

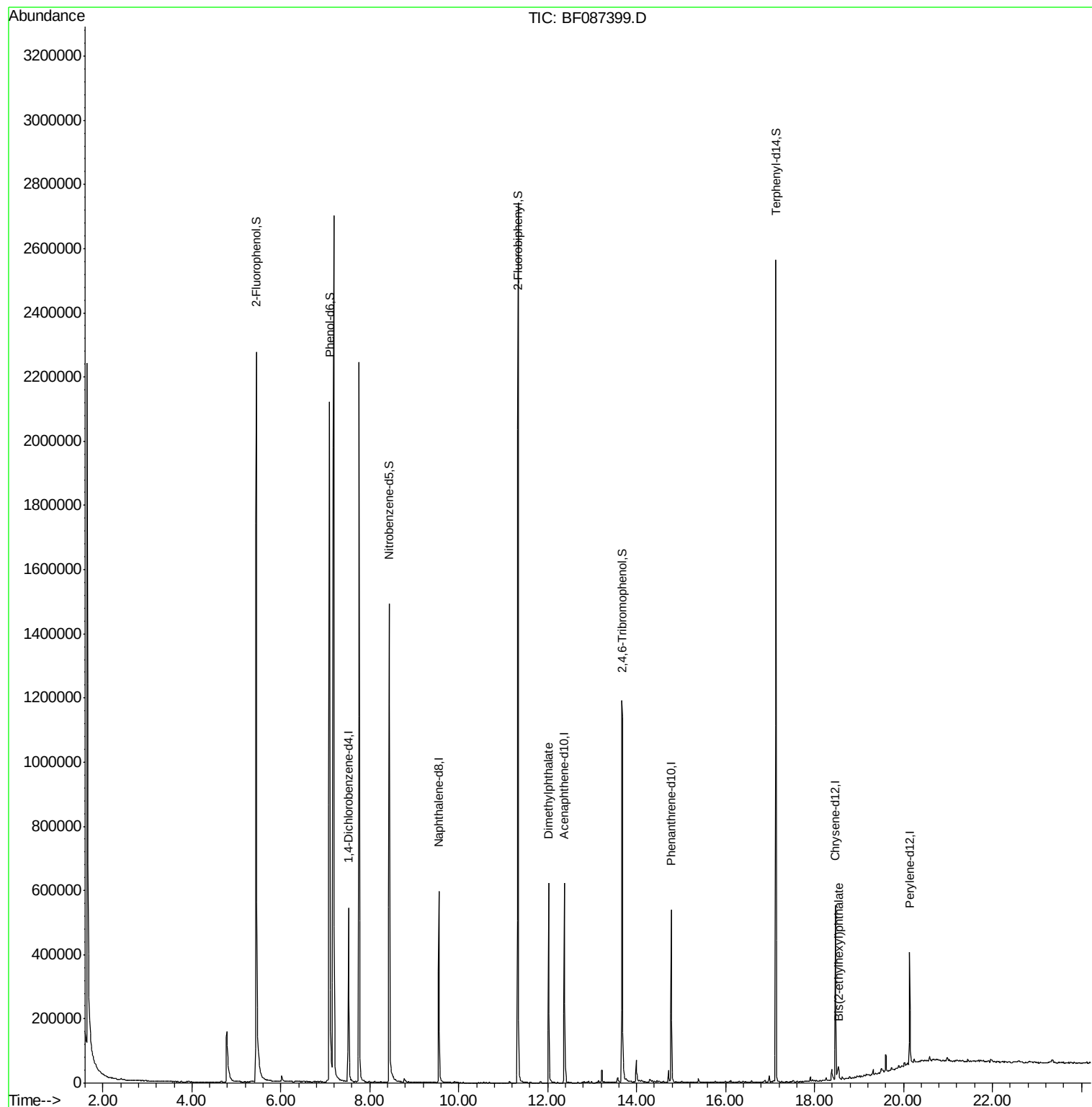
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	96562	20.00	ng	0.00
21) Naphthalene-d8	9.55	136	380781	20.00	ng	0.00
38) Acenaphthene-d10	12.38	164	156392	20.00	ng	-0.01
63) Phenanthrene-d10	14.78	188	261916	20.00	ng	0.00
75) Chrysene-d12	18.47	240	224507	20.00	ng	-0.01
86) Perylene-d12	20.14	264	156183	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	886484	161.32	ng	0.03
7) Phenol-d6	7.10	99	1211484	163.15	ng	0.02
23) Nitrobenzene-d5	8.43	82	770340	101.96	ng	-0.01
41) 2,4,6-Tribromophenol	13.68	330	200574	133.46	ng	0.00
44) 2-Fluorobiphenyl	11.34	172	1198599	108.05	ng	0.00
78) Terphenyl-d14	17.13	244	883404	83.66	ng	0.00
Target Compounds						
49) Dimethylphthalate	12.02	163	303770	24.25	ng	Qvalue 100
83) Bis(2-ethylhexyl)phthalate	18.54	149	27272	2.61	ng	# 98

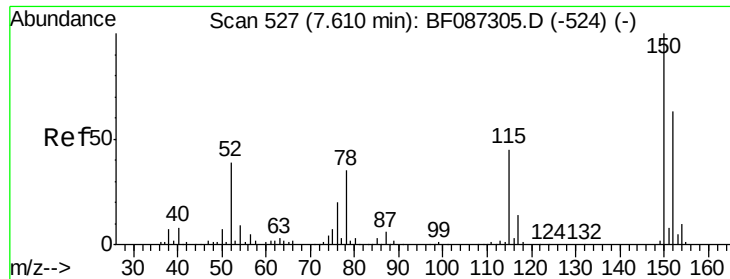
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.52 min Scan# 519

Delta R.T. 0.00 min

Lab File: BF087399.D

Acq: 26 May 2016 7:01

Instrument :

BNA_F

ClientSampleId :

SB-38-COMP

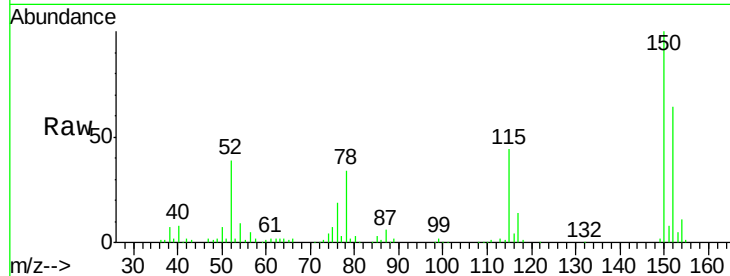
Tot Ion:152 Resp: 96562

Ion Ratio Lower Upper

152 100

150 156.4 125.8 188.6

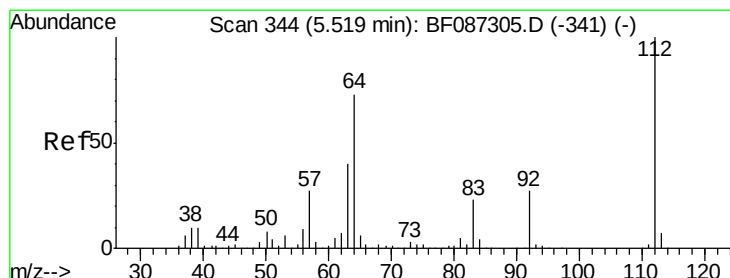
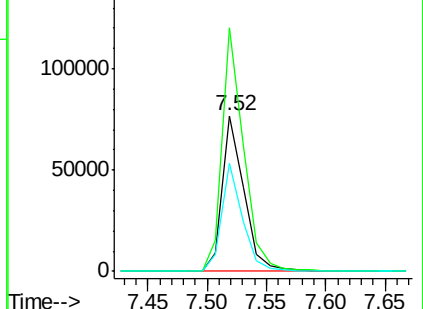
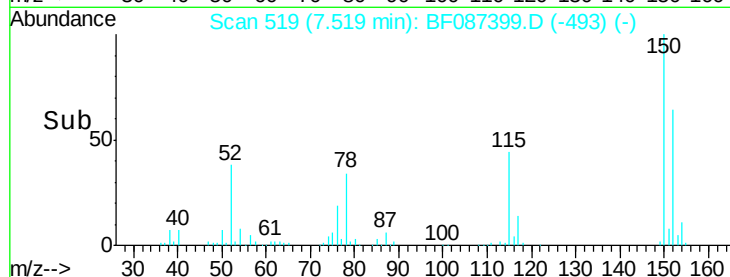
115 69.5 51.5 77.3



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: 161.32 ng

RT: 5.45 min Scan# 338

Delta R.T. 0.03 min

Lab File: BF087399.D

Acq: 26 May 2016 7:01

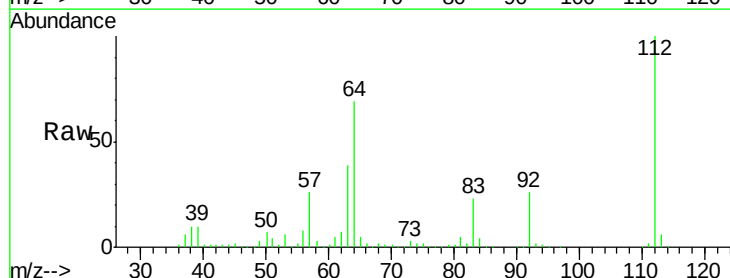
Tgt Ion:112 Resp: 886484

Ion Ratio Lower Upper

112 100

64 68.9 52.1 78.1

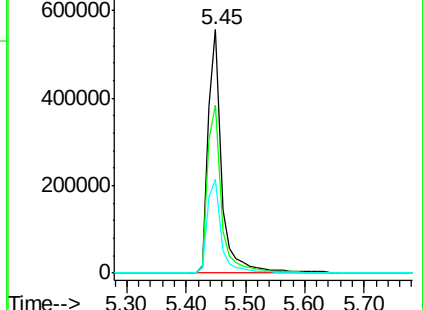
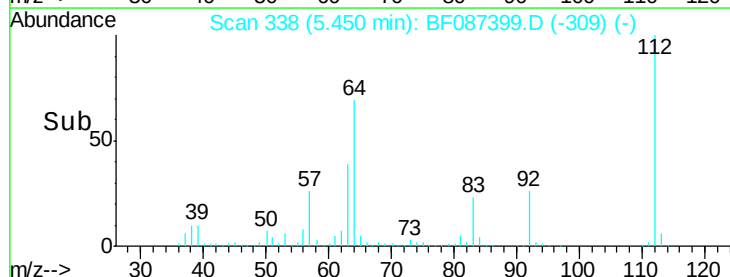
63 38.7 25.7 38.5

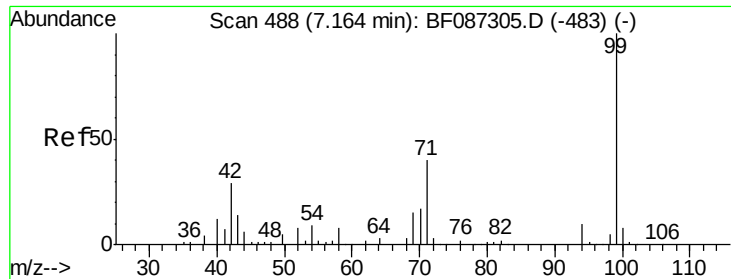


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 163.15 ng

RT: 7.10 min Scan# 482

Delta R.T. 0.02 min

Lab File: BF087399.D

Acq: 26 May 2016 7:01

Instrument :

BNA_F

ClientSampleId :

SB-38-COMP

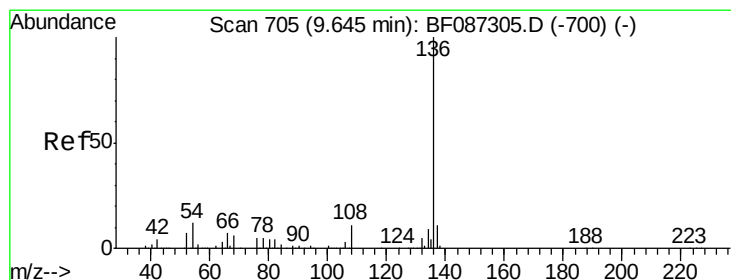
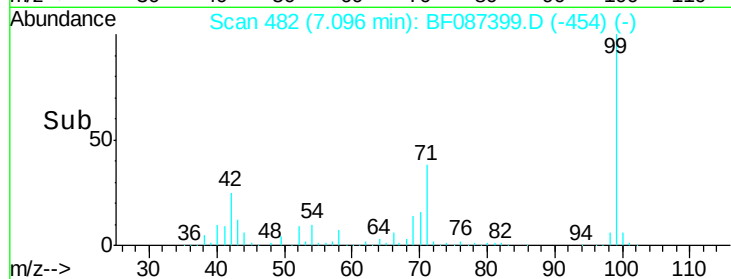
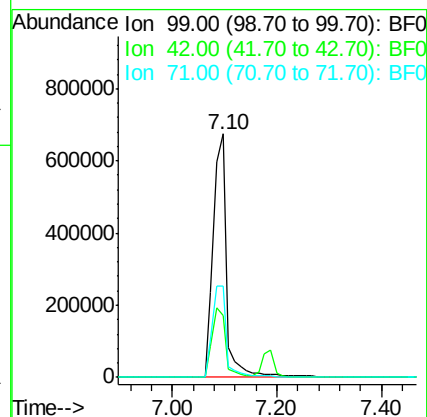
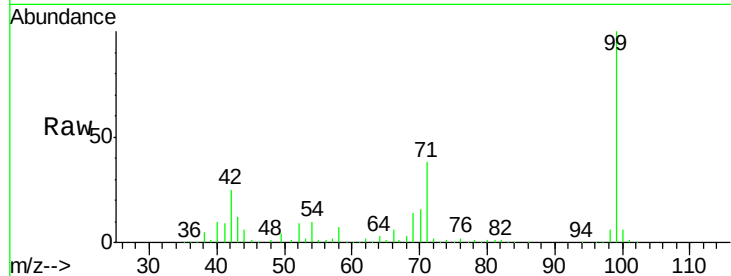
Tot Ion: 99 Resp: 1211484

Ion Ratio Lower Upper

99 100

42 25.5 13.6 20.4#

71 37.5 24.6 36.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.55 min Scan# 697

Delta R.T. 0.00 min

Lab File: BF087399.D

Acq: 26 May 2016 7:01

Tgt Ion: 136 Resp: 380781

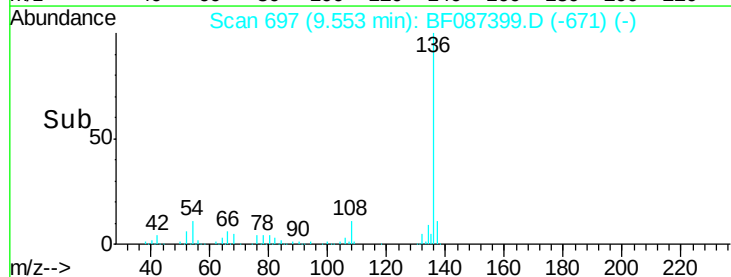
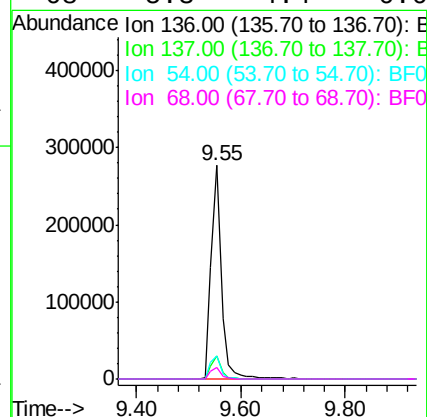
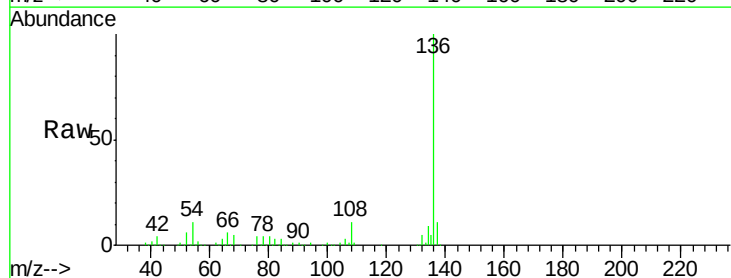
Ion Ratio Lower Upper

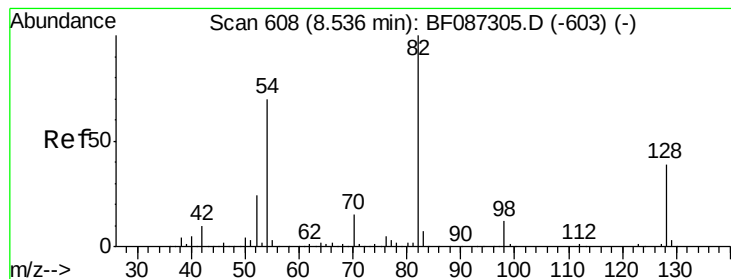
136 100

137 10.7 8.8 13.2

54 10.7 5.0 7.4#

68 5.3 4.4 6.6





#23

Nitrobenzene-d5

Concen: 101.96 ng

RT: 8.43 min Scan# 599

Delta R.T. -0.01 min

Lab File: BF087399.D

Acq: 26 May 2016 7:01

Instrument :

BNA_F

ClientSampleId :

SB-38-COMP

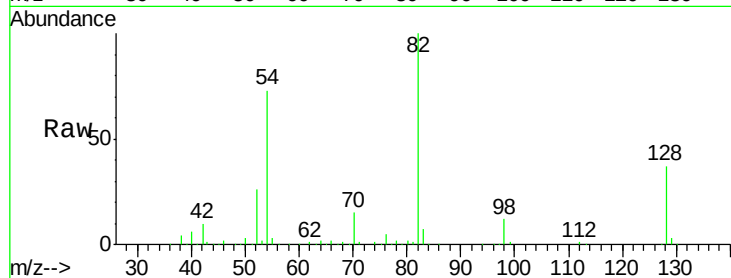
Tot Ion: 82 Resp: 770340

Ion Ratio Lower Upper

82 100

128 37.1 40.6 61.0#

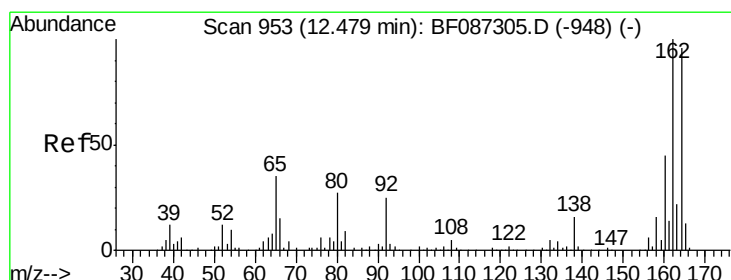
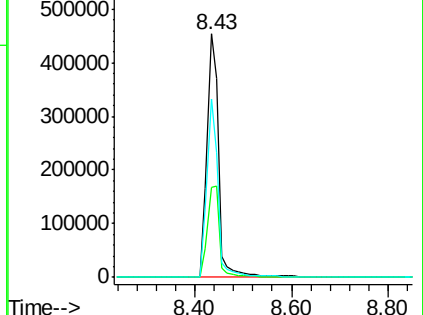
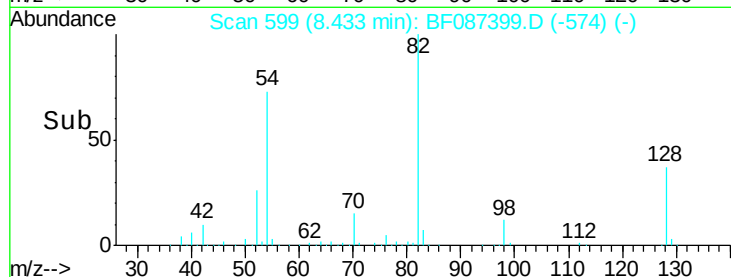
54 73.4 38.1 57.1#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.38 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF087399.D

Acq: 26 May 2016 7:01

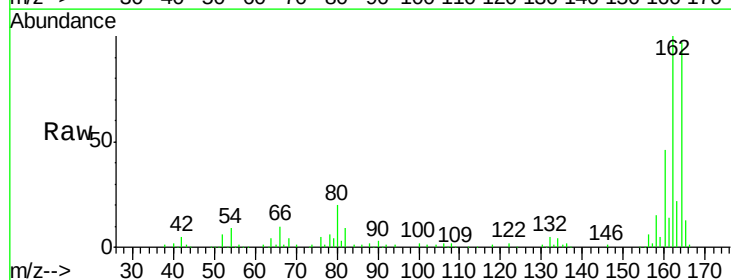
Tgt Ion: 164 Resp: 156392

Ion Ratio Lower Upper

164 100

162 102.7 82.8 124.2

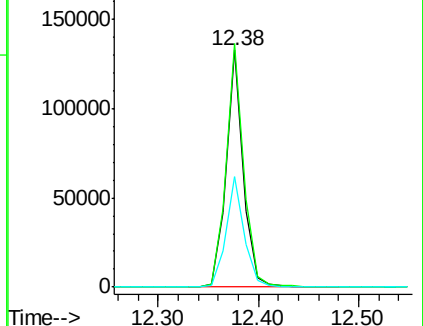
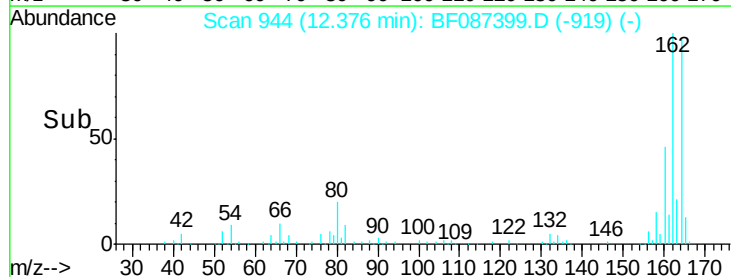
160 46.8 36.9 55.3

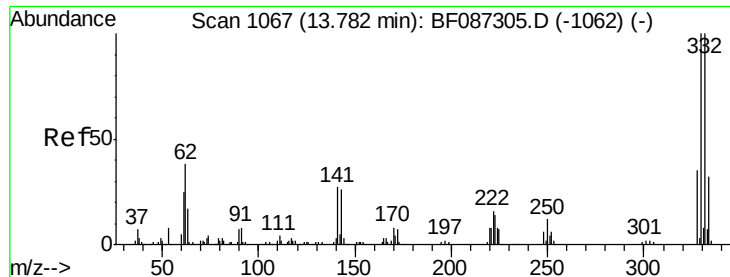


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 133.46 ng

RT: 13.68 min Scan# 1058

Delta R.T. 0.00 min

Lab File: BF087399.D

Acq: 26 May 2016 7:01

Instrument :

BNA_F

ClientSampleId :

SB-38-COMP

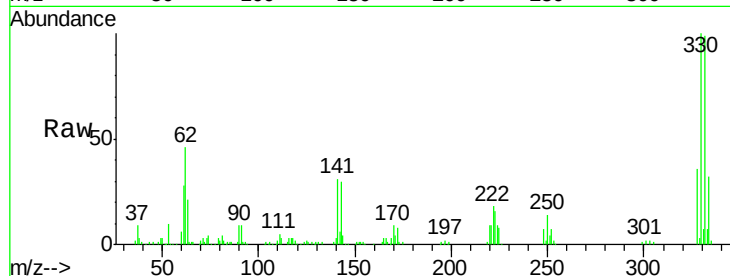
Tot Ion:330 Resp: 200574

Ion Ratio Lower Upper

330 100

332 98.2 79.0 118.4

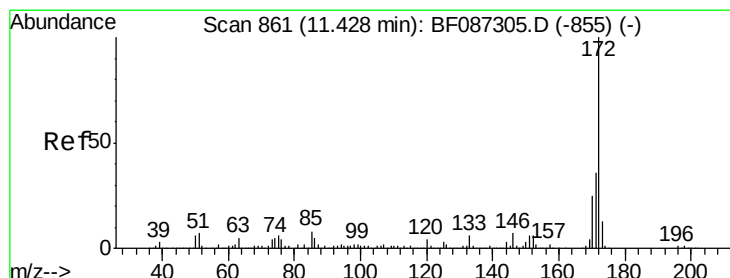
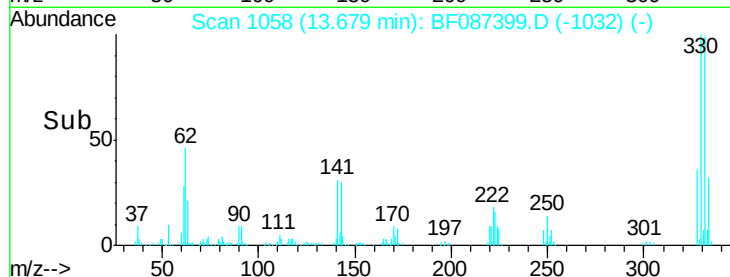
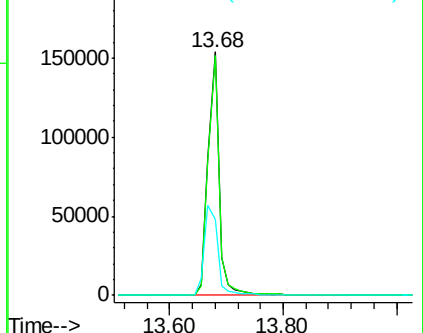
141 44.6 31.2 46.8



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: 108.05 ng

RT: 11.34 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF087399.D

Acq: 26 May 2016 7:01

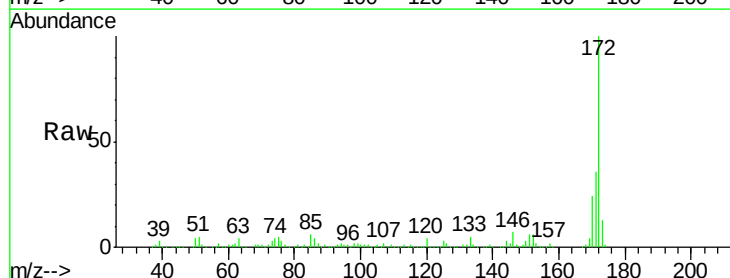
Tgt Ion:172 Resp: 1198599

Ion Ratio Lower Upper

172 100

171 36.2 29.0 43.6

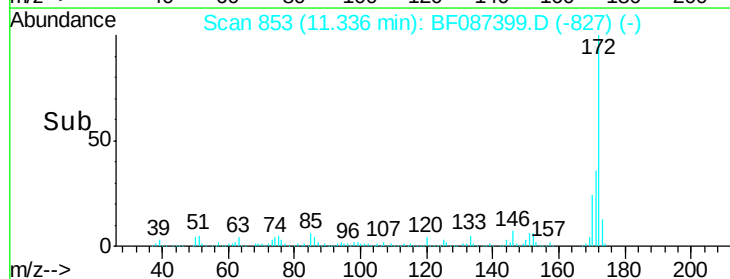
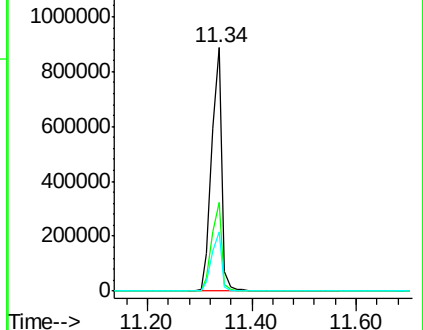
170 24.3 19.8 29.8

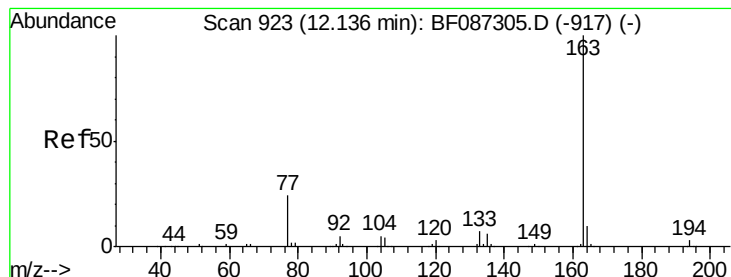


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 24.25 ng

RT: 12.02 min Scan# 913

Delta R.T. -0.02 min

Lab File: BF087399.D

Acq: 26 May 2016 7:01

Instrument :

BNA_F

ClientSampleId :

SB-38-COMP

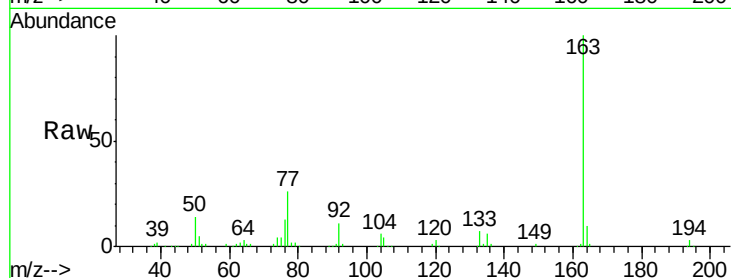
Tot Ion:163 Resp: 303770

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

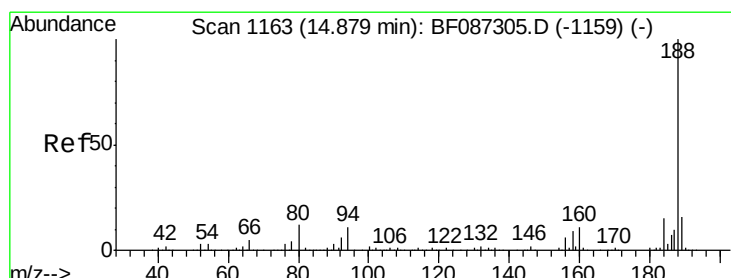
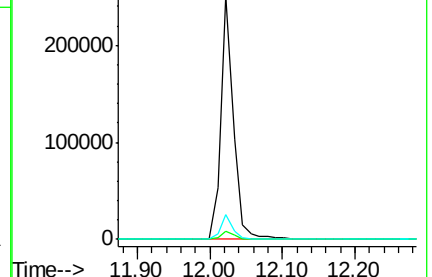
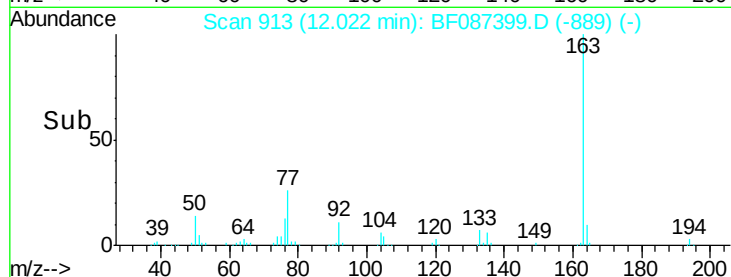
164 10.2 8.2 12.4



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: 14.78 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BF087399.D

Acq: 26 May 2016 7:01

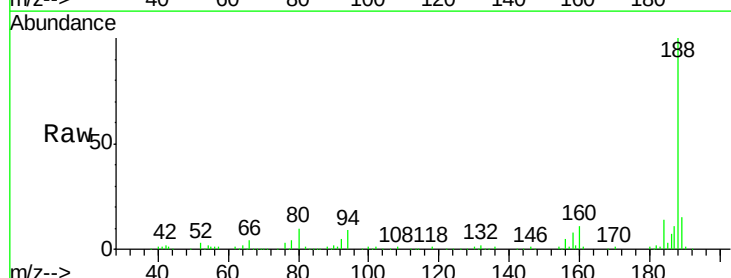
Tgt Ion:188 Resp: 261916

Ion Ratio Lower Upper

188 100

94 8.8 6.8 10.2

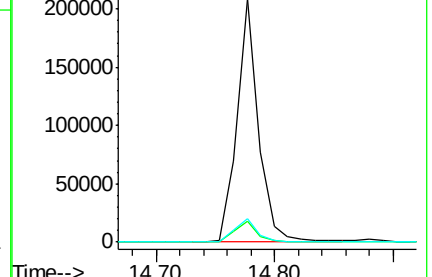
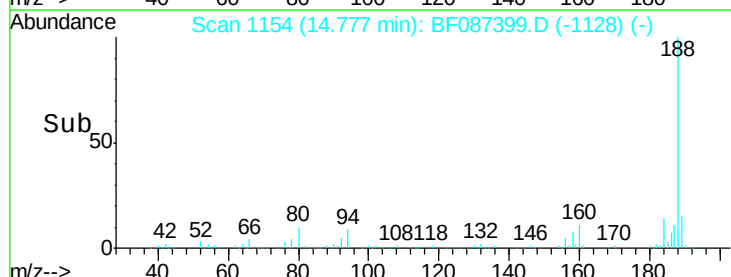
80 9.8 7.1 10.7

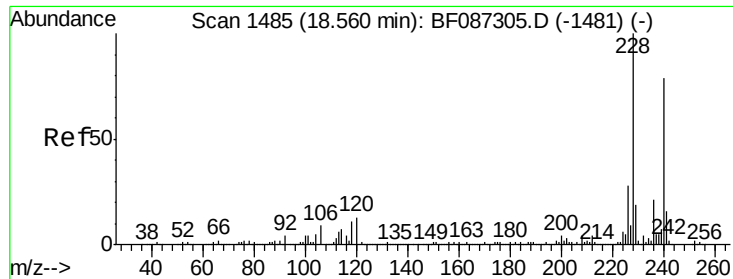


Abundance Ion 188.00 (187.70 to 188.70): E

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: 18.47 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BF087399.D

Acq: 26 May 2016 7:01

Instrument :

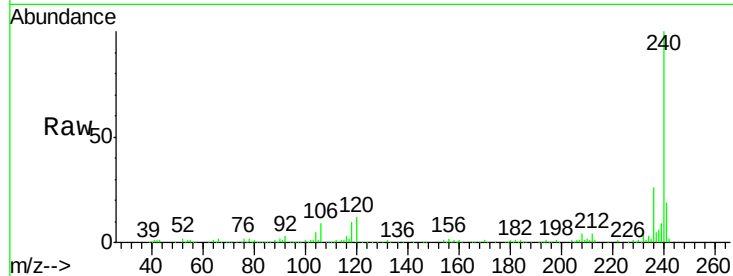
BNA_F

ClientSampleId :

SB-38-COMP

Tot Ion:240 Resp: 224507

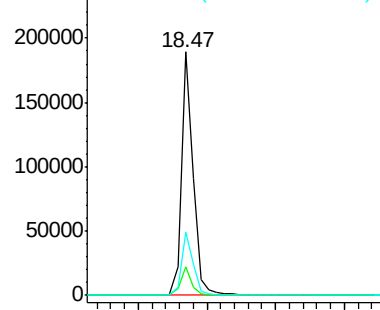
Ion	Ratio	Lower	Upper
240	100		
120	11.8	11.2	16.8
236	26.0	21.2	31.8



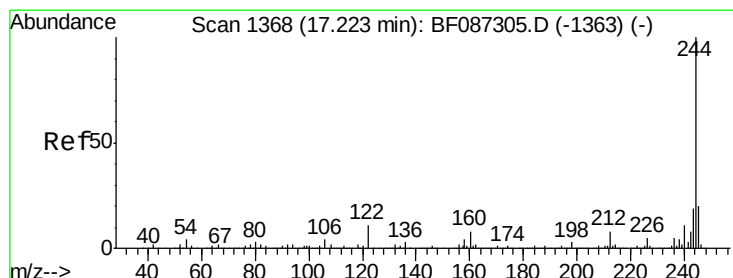
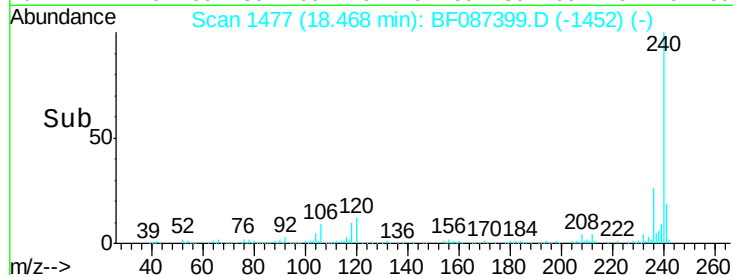
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#78

Terphenyl-d14

Concen: 83.66 ng

RT: 17.13 min Scan# 1360

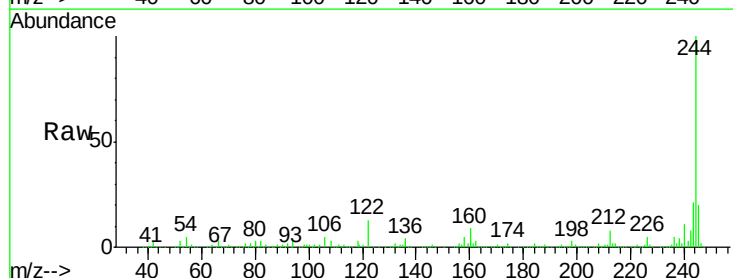
Delta R.T. 0.00 min

Lab File: BF087399.D

Acq: 26 May 2016 7:01

Tgt Ion:244 Resp: 883404

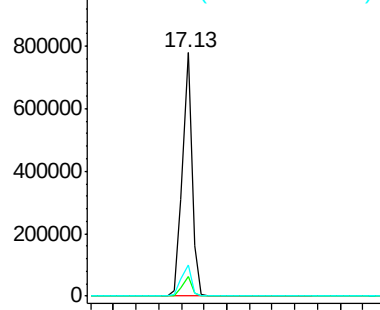
Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.2	9.2
122	12.6	12.0	18.0



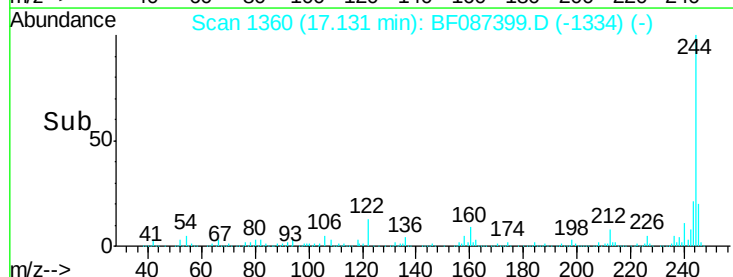
Abundance Ion 244.00 (243.70 to 244.70): E

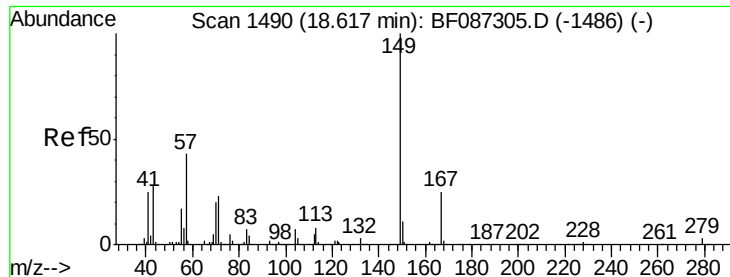
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.61 ng

RT: 18.54 min Scan# 1483

Delta R.T. 0.00 min

Lab File: BF087399.D

Acq: 26 May 2016 7:01

Instrument :

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SB-38-COMP

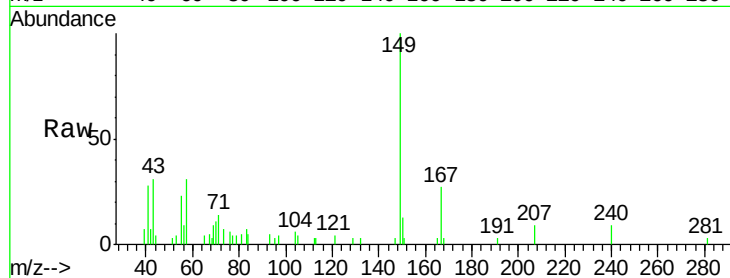
Tot Ion:149 Resp: 27272

Ion Ratio Lower Upper

149 100

167 26.6 21.8 32.6

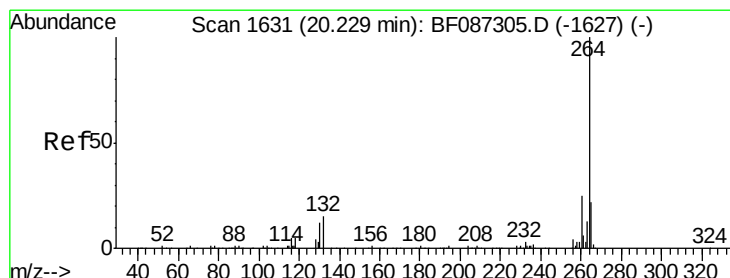
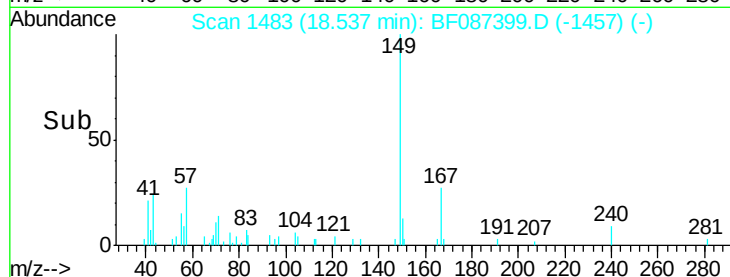
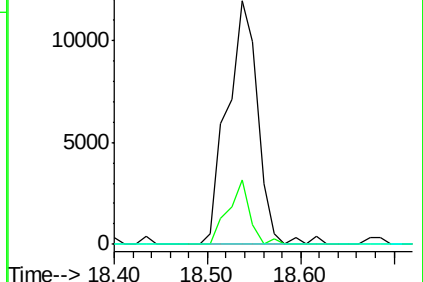
279 0.0 2.6 4.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 20.14 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BF087399.D

Acq: 26 May 2016 7:01

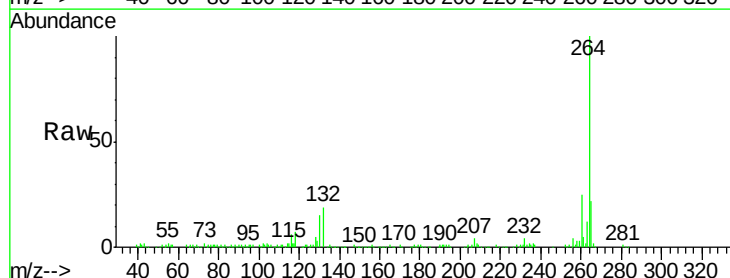
Tgt Ion:264 Resp: 156183

Ion Ratio Lower Upper

264 100

260 24.7 19.5 29.3

265 21.9 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

