

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052616\
 Data File : BF087434.D
 Acq On : 27 May 2016 6:48
 Operator : UM/SJ
 Sample : PB90910TB
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90743TB

Quant Time: May 27 07:41:18 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

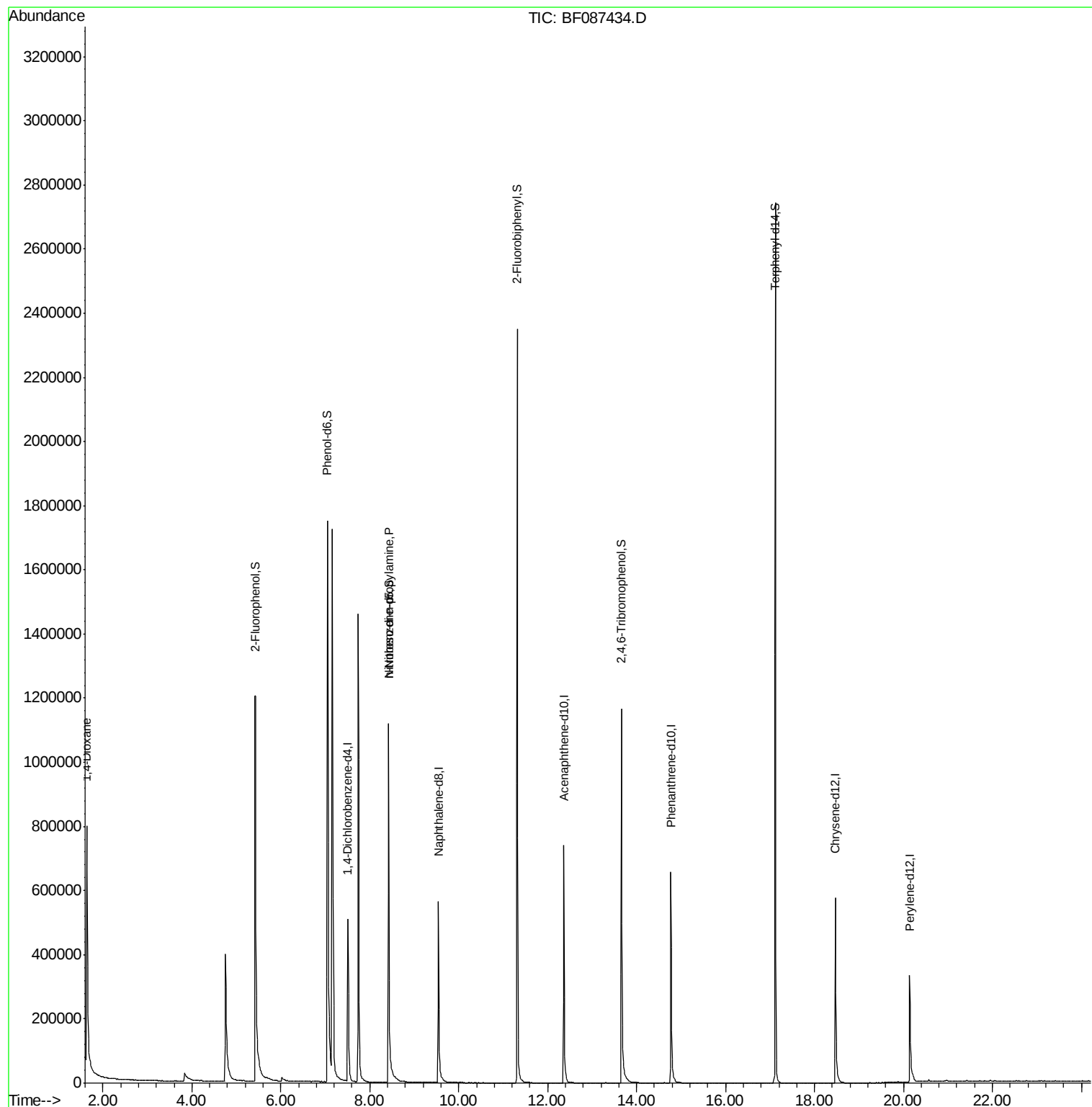
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	105534	20.00	ng	-0.01
21) Naphthalene-d8	9.54	136	428354	20.00	ng	-0.01
38) Acenaphthene-d10	12.37	164	203036	20.00	ng	-0.02
63) Phenanthrene-d10	14.77	188	414539	20.00	ng	-0.01
75) Chrysene-d12	18.47	240	330890	20.00	ng	-0.01
86) Perylene-d12	20.14	264	242956	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	663856	110.53	ng	0.01
7) Phenol-d6	7.05	99	834927	102.88	ng	-0.02
23) Nitrobenzene-d5	8.42	82	575869	67.75	ng	-0.02
41) 2,4,6-Tribromophenol	13.66	330	184441	94.53	ng	-0.02
44) 2-Fluorobiphenyl	11.31	172	971669	67.47	ng	-0.02
78) Terphenyl-d14	17.12	244	996045	64.00	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	1.63	88	28238	8.91	ng	# 22
19) n-Nitroso-di-n-propylamine	8.42	70	73690	12.18	ng	# 76

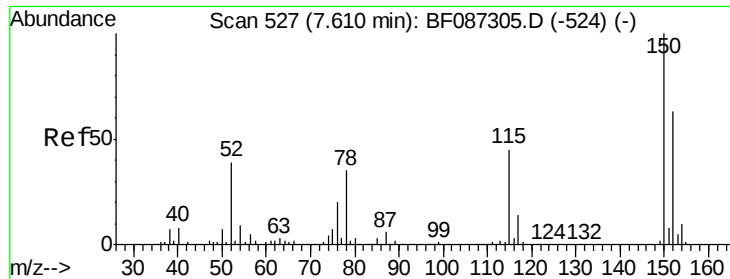
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.51 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF087434.D

Acq: 27 May 2016 6:48

Instrument :

BNA_F

ClientSampleId :

PB90743TB

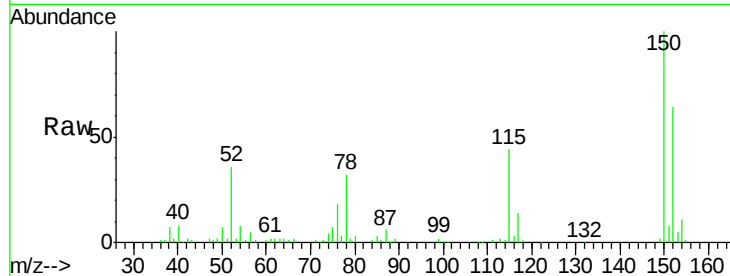
Tgt Ion: 152 Resp: 105534

Ion Ratio Lower Upper

152 100

150 155.1 125.8 188.6

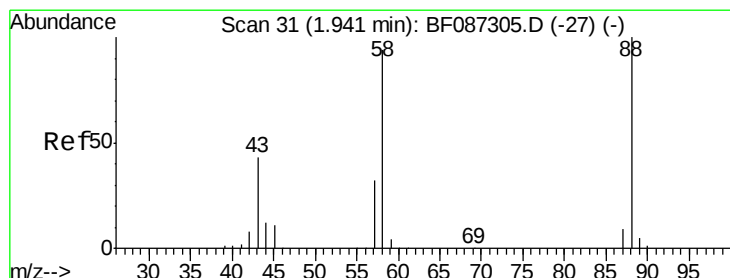
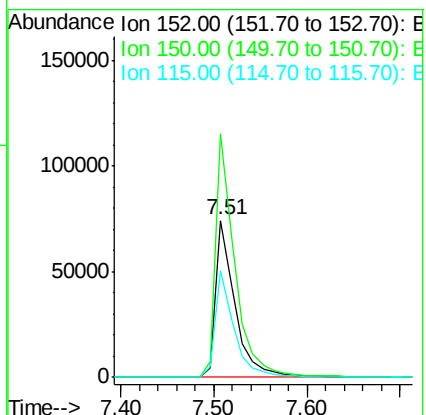
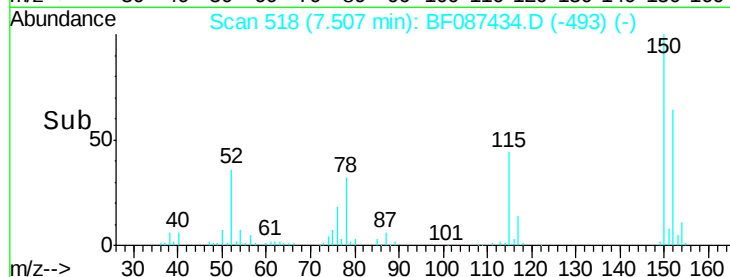
115 67.6 51.5 77.3



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



#2

1,4-Dioxane

Concen: 8.91 ng

RT: 1.63 min Scan# 4

Delta R.T. -0.18 min

Lab File: BF087434.D

Acq: 27 May 2016 6:48

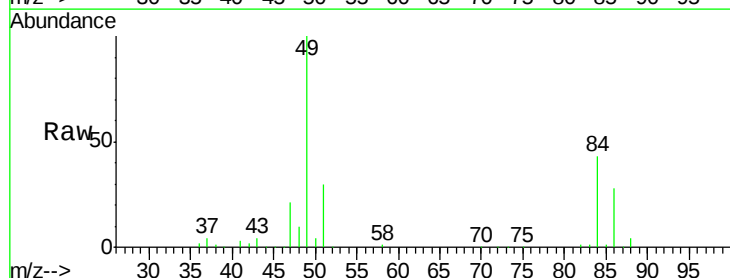
Tgt Ion: 88 Resp: 28238

Ion Ratio Lower Upper

88 100

58 0.0 59.6 89.4#

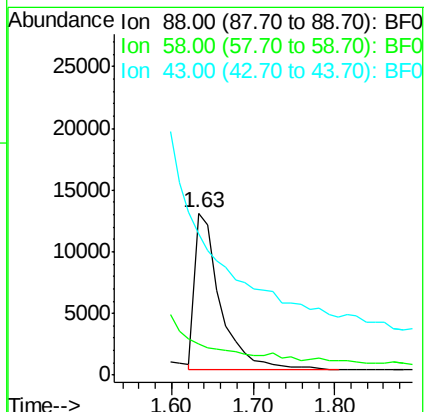
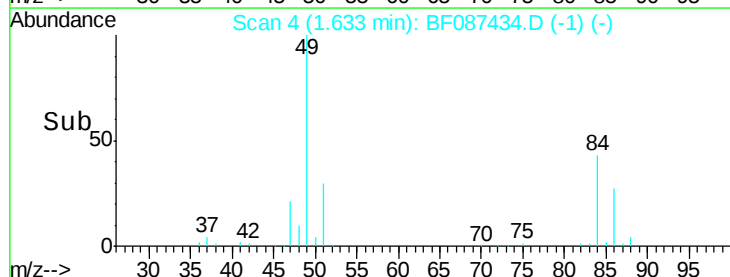
43 0.0 21.8 32.6#

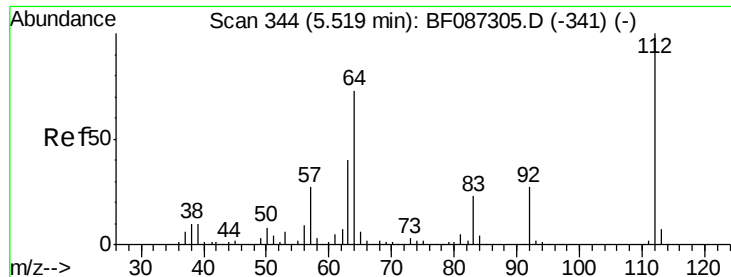


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 110.53 ng

RT: 5.43 min Scan# 336

Delta R.T. 0.01 min

Lab File: BF087434.D

Acq: 27 May 2016 6:48

Instrument :

BNA_F

ClientSampleId :

PB90743TB

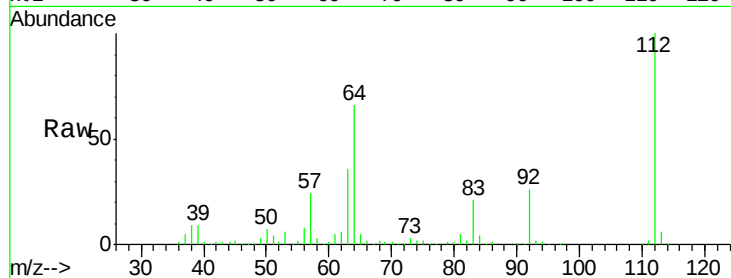
Tgt Ion: 112 Resp: 663856

Ion Ratio Lower Upper

112 100

64 65.8 52.1 78.1

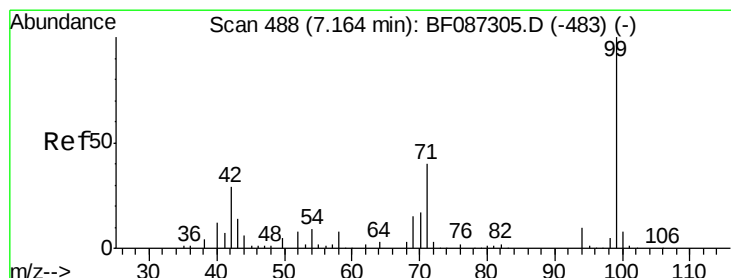
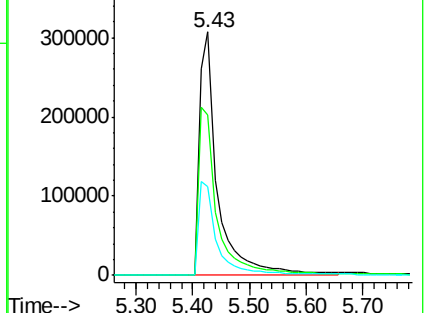
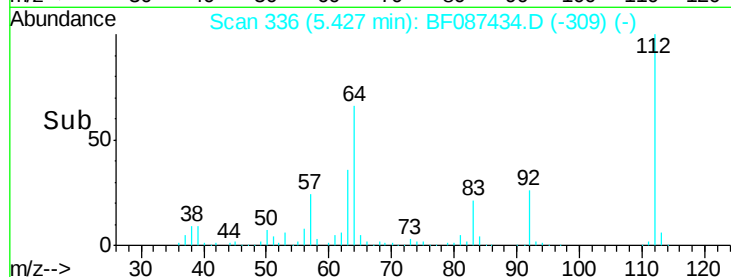
63 36.3 25.7 38.5



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



#7

Phenol-d6

Concen: 102.88 ng

RT: 7.05 min Scan# 478

Delta R.T. -0.02 min

Lab File: BF087434.D

Acq: 27 May 2016 6:48

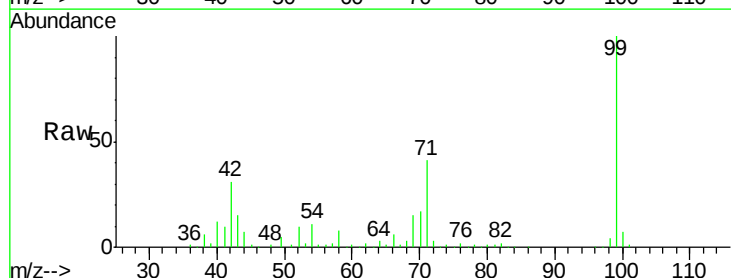
Tgt Ion: 99 Resp: 834927

Ion Ratio Lower Upper

99 100

42 31.1 13.6 20.4#

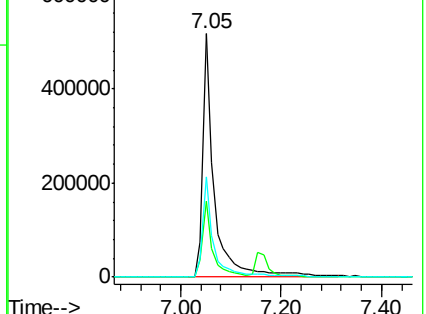
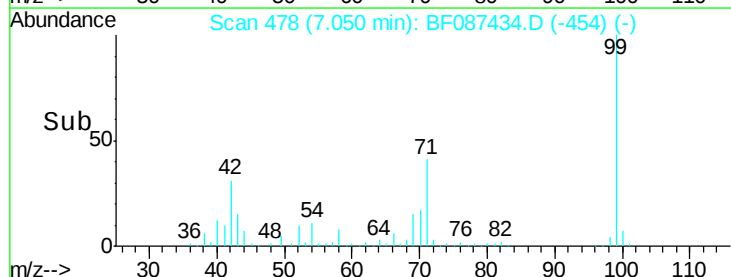
71 41.3 24.6 36.8#

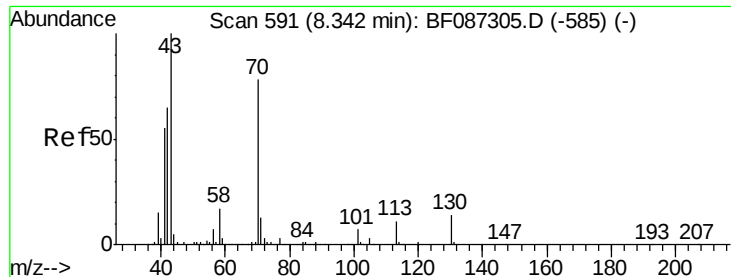


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

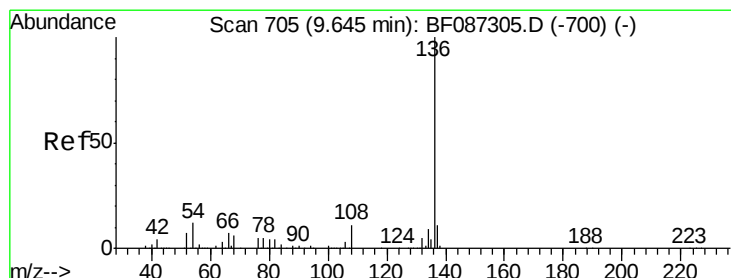
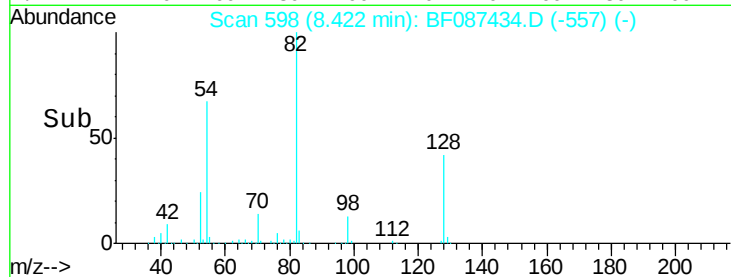
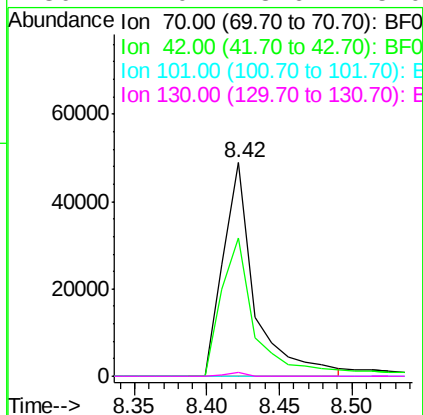
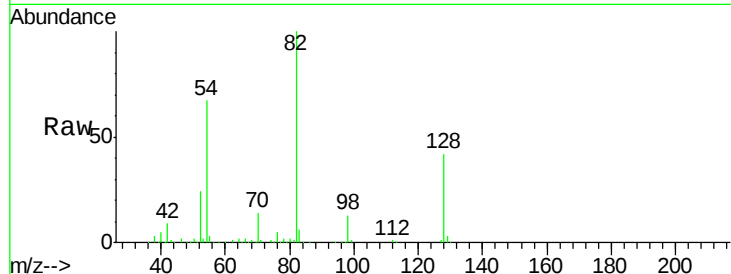




#19
 n-Nitroso-di-n-propylamine
 Concen: 12.18 ng
 RT: 8.42 min Scan# 598
 Delta R.T. 0.17 min
 Lab File: BF087434.D
 Acq: 27 May 2016 6:48

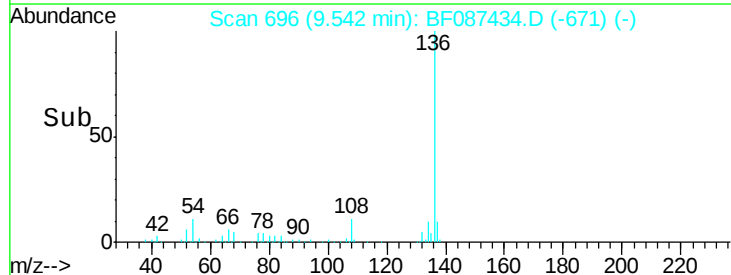
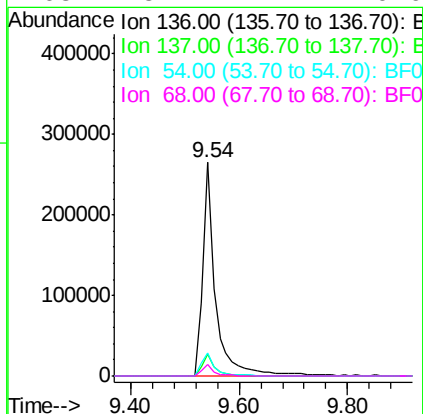
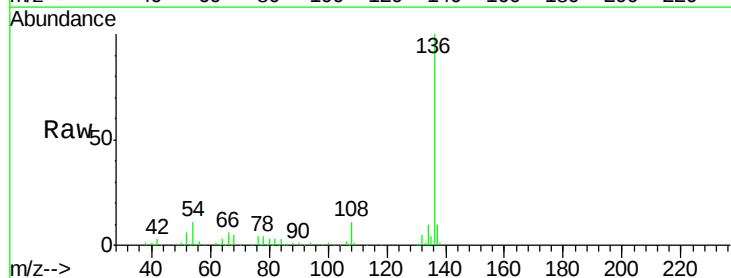
Instrument :
 BNA_F
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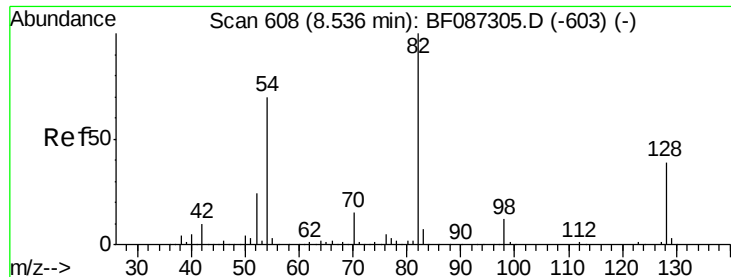
Tgt Ion: 70 Resp: 73690
 Ion Ratio Lower Upper
 70 100
 42 64.9 43.1 64.7#
 101 0.0 8.1 12.1#
 130 2.0 18.6 28.0#



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 9.54 min Scan# 696
 Delta R.T. -0.01 min
 Lab File: BF087434.D
 Acq: 27 May 2016 6:48

Tgt Ion: 136 Resp: 428354
 Ion Ratio Lower Upper
 136 100
 137 10.5 8.8 13.2
 54 10.7 5.0 7.4#
 68 5.4 4.4 6.6

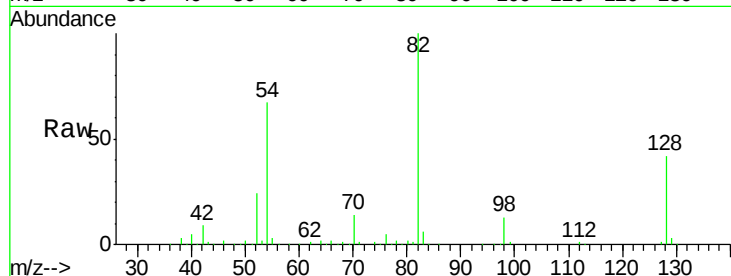




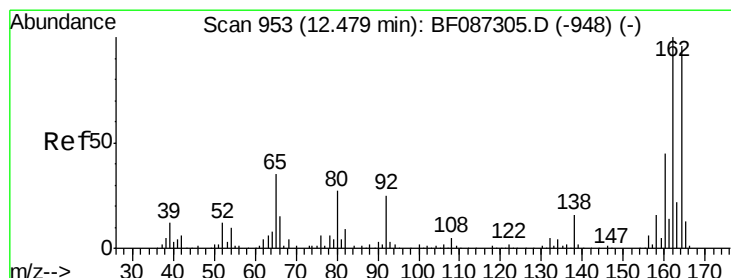
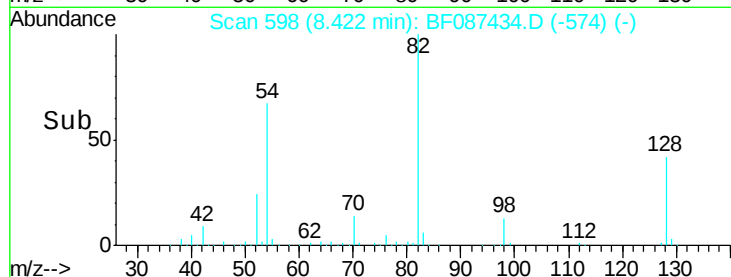
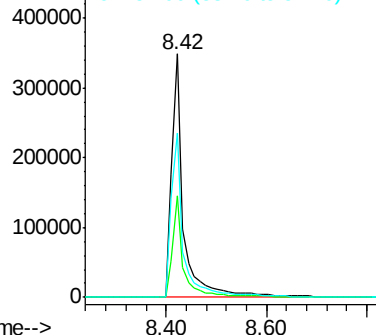
#23
 Nitrobenzene-d5
 Concen: 67.75 ng
 RT: 8.42 min Scan# 598
 Delta R.T. -0.02 min
 Lab File: BF087434.D
 Acq: 27 May 2016 6:48

Instrument :
 BNA_F
 ClientSampleId :
 PB90743TB

Tgt Ion: 82 Resp: 575869
 Ion Ratio Lower Upper
 82 100
 128 41.8 40.6 61.0
 54 67.3 38.1 57.1#

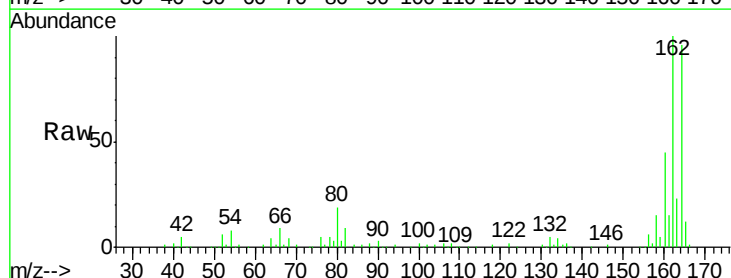


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

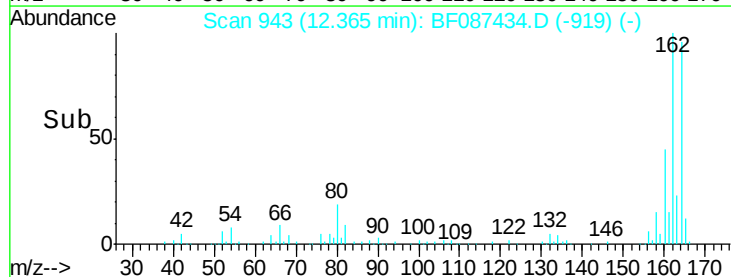
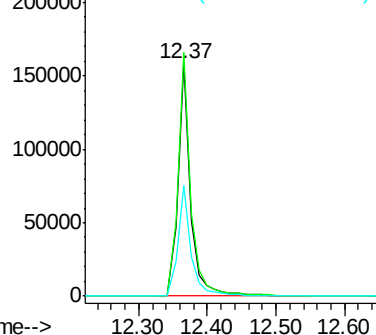


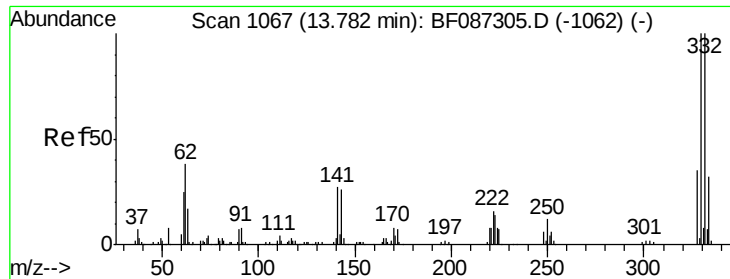
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.37 min Scan# 943
 Delta R.T. -0.02 min
 Lab File: BF087434.D
 Acq: 27 May 2016 6:48

Tgt Ion: 164 Resp: 203036
 Ion Ratio Lower Upper
 164 100
 162 104.5 82.8 124.2
 160 47.2 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

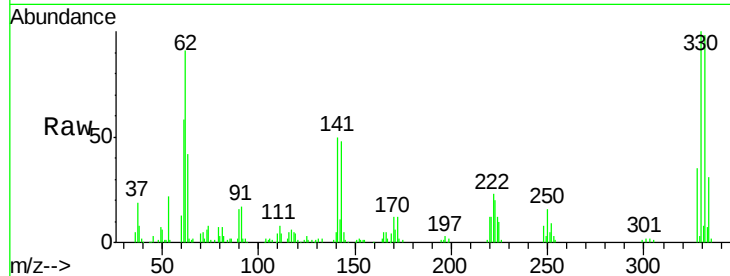




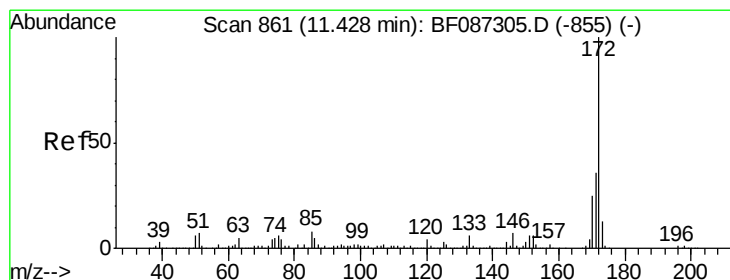
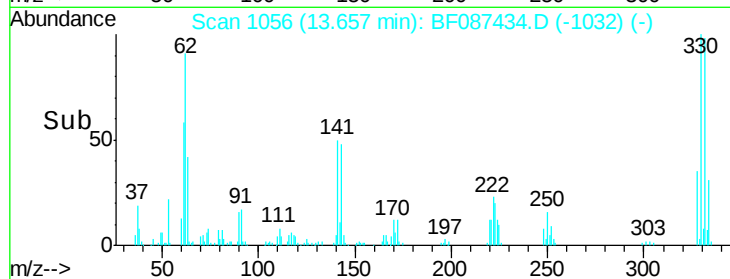
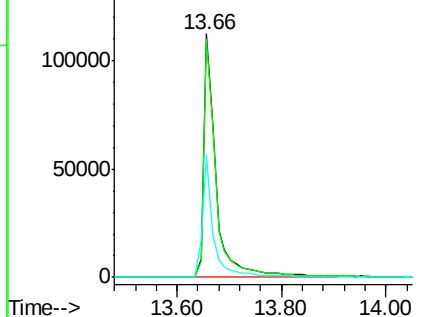
#41
 2,4,6-Tribromophenol
 Concen: 94.53 ng
 RT: 13.66 min Scan# 1056
 Delta R.T. -0.02 min
 Lab File: BF087434.D
 Acq: 27 May 2016 6:48

Instrument :
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 ClientSampleId :
 PB90743TB

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.8	79.0	118.4
141	46.0	31.2	46.8

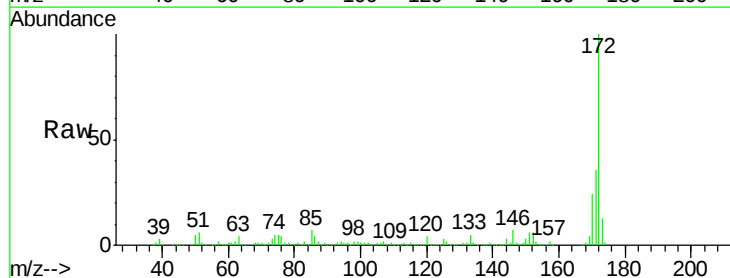


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

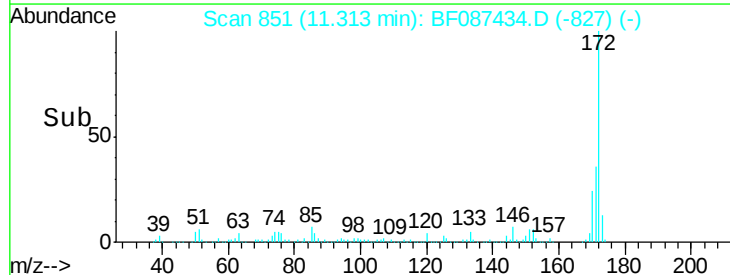
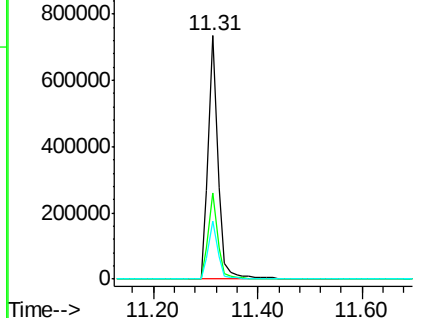


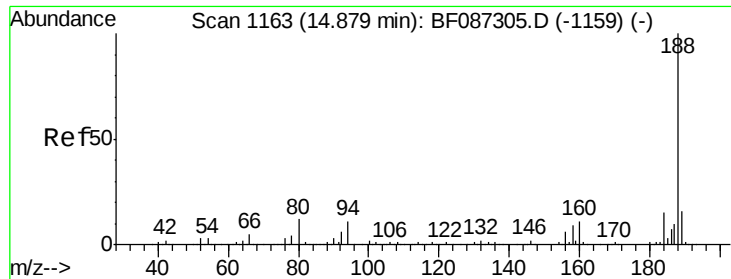
#44
 2-Fluorobiphenyl
 Concen: 67.47 ng
 RT: 11.31 min Scan# 851
 Delta R.T. -0.02 min
 Lab File: BF087434.D
 Acq: 27 May 2016 6:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.0	43.6
170	24.0	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

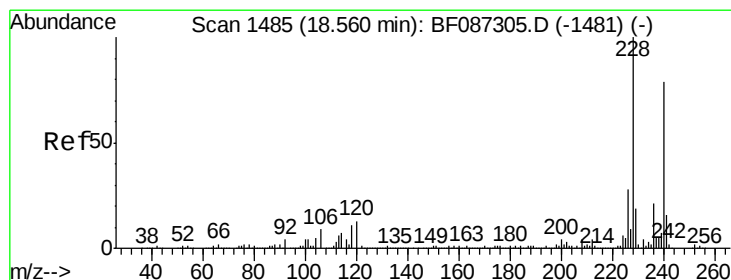
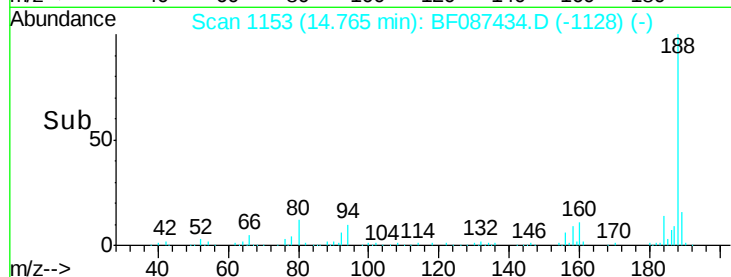
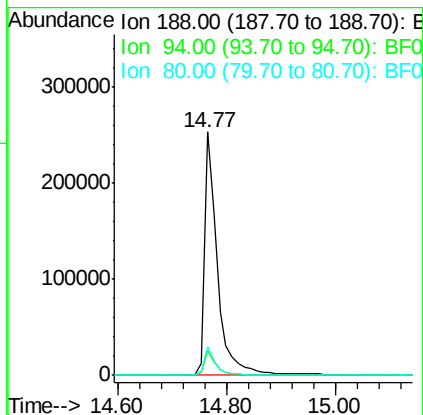
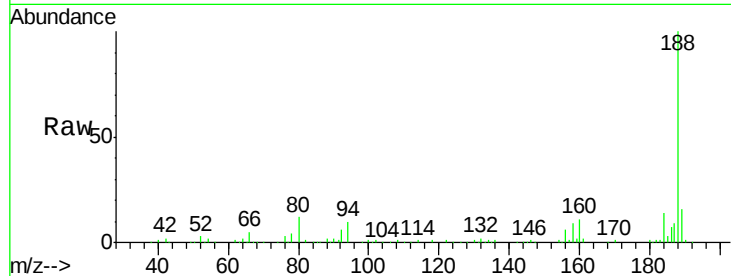




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.77 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF087434.D
Acq: 27 May 2016 6:48

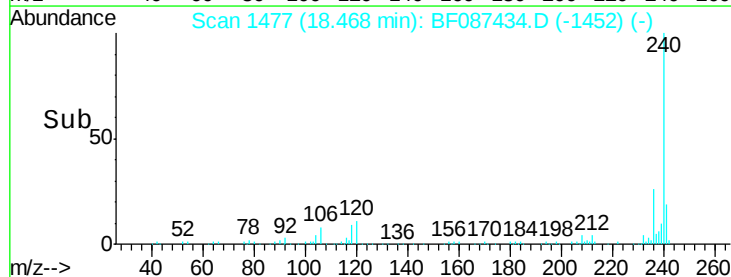
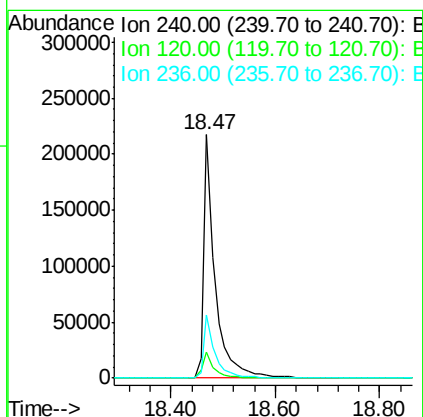
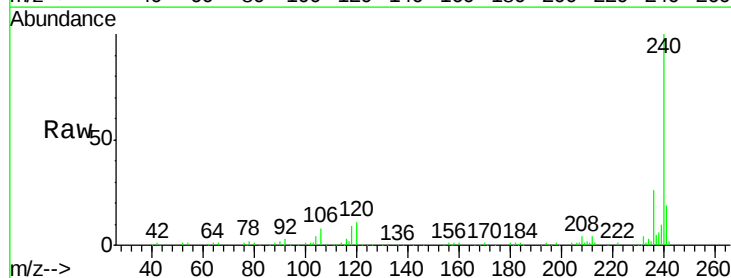
Instrument :
BNA_F
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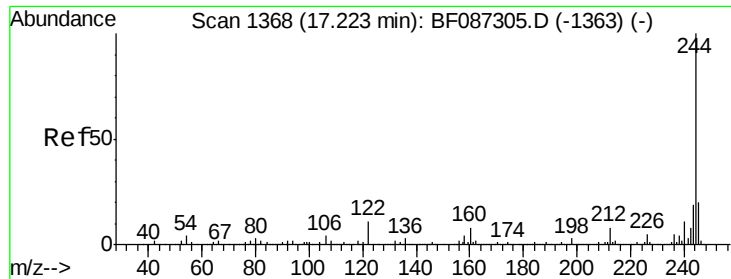
Tgt Ion:188 Resp: 414539
Ion Ratio Lower Upper
188 100
94 10.1 6.8 10.2
80 11.6 7.1 10.7#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.47 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BF087434.D
Acq: 27 May 2016 6:48

Tgt Ion:240 Resp: 330890
Ion Ratio Lower Upper
240 100
120 10.5 11.2 16.8#
236 25.8 21.2 31.8





#78

Terphenyl-d14

Concen: 64.00 ng

RT: 17.12 min Scan# 1359

Delta R.T. -0.01 min

Lab File: BF087434.D

Acq: 27 May 2016 6:48

Instrument :

BNA_F

ClientSampleId :

PB90743TB

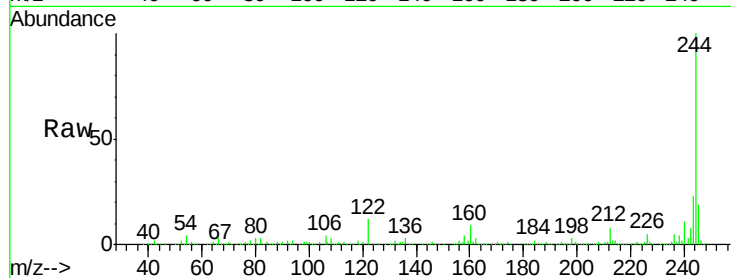
Tgt Ion:244 Resp: 996045

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

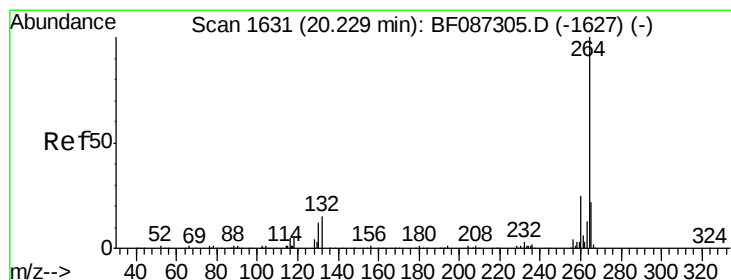
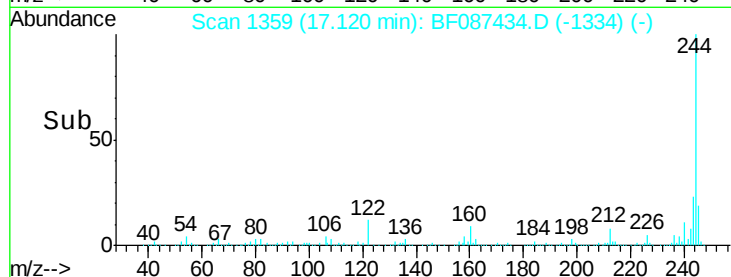
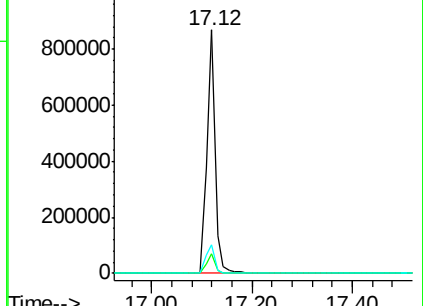
122 11.6 12.0 18.0#



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: 20.14 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BF087434.D

Acq: 27 May 2016 6:48

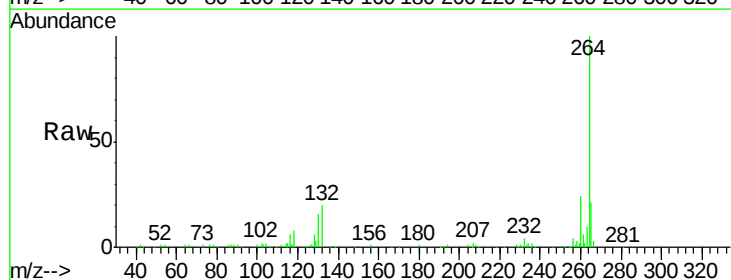
Tgt Ion:264 Resp: 242956

Ion Ratio Lower Upper

264 100

260 24.4 19.5 29.3

265 21.3 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

