

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052616\
 Data File : BF087417.D
 Acq On : 26 May 2016 20:08
 Operator : UM/SJ
 Sample : PB90866BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90866BL

Quant Time: May 27 01:29:11 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

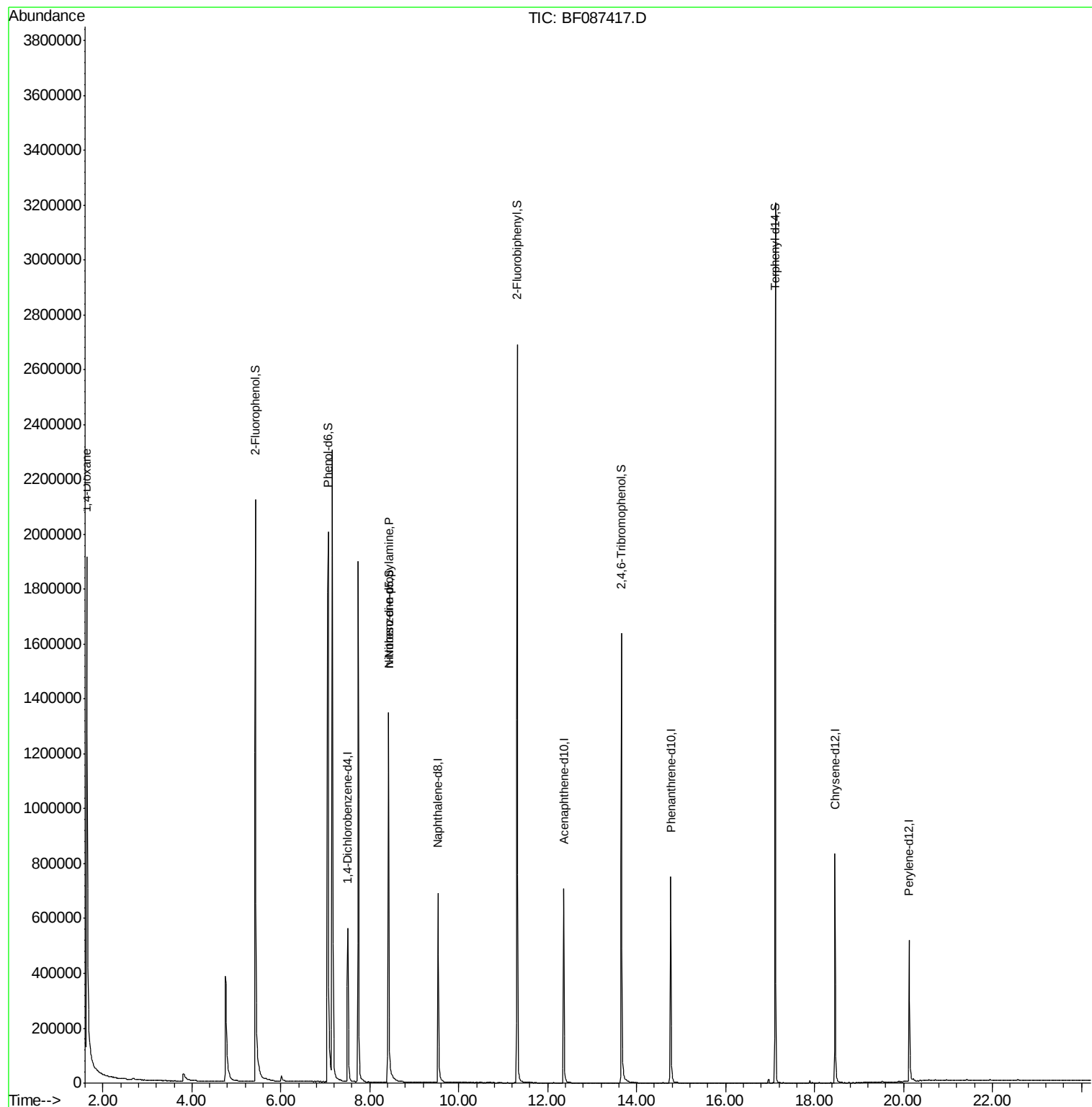
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	117140	20.00	ng	-0.01
21) Naphthalene-d8	9.53	136	483991	20.00	ng	-0.02
38) Acenaphthene-d10	12.37	164	227624	20.00	ng	-0.02
63) Phenanthrene-d10	14.77	188	467259	20.00	ng	-0.01
75) Chrysene-d12	18.46	240	377299	20.00	ng	-0.02
86) Perylene-d12	20.13	264	262300	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	813556	122.04	ng	0.01
7) Phenol-d6	7.06	99	1073876	119.21	ng	-0.01
23) Nitrobenzene-d5	8.42	82	695380	72.41	ng	-0.02
41) 2,4,6-Tribromophenol	13.66	330	235081	107.47	ng	-0.02
44) 2-Fluorobiphenyl	11.31	172	1132234	70.12	ng	-0.02
78) Terphenyl-d14	17.12	244	1163847	65.58	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	1.63	88	65557	18.64	ng	# 22
19) n-Nitroso-di-n-propylamine	8.42	70	94564	14.08	ng	# 79

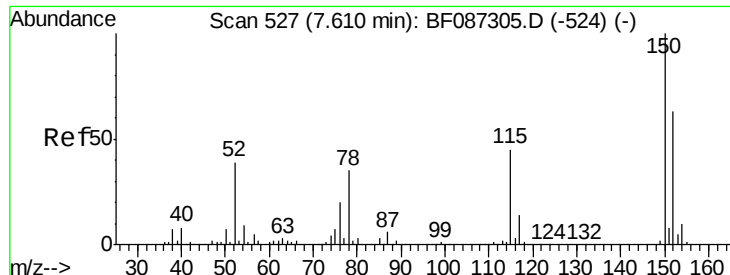
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052616\
Data File : BF087417.D
Acq On : 26 May 2016 20:08
Operator : UM/SJ
Sample : PB90866BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB90866BL

Quant Time: May 27 01:29:11 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.51 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF087417.D

Acq: 26 May 2016 20:08

Instrument :

BNA_F

ClientSampleId :

PB90866BL

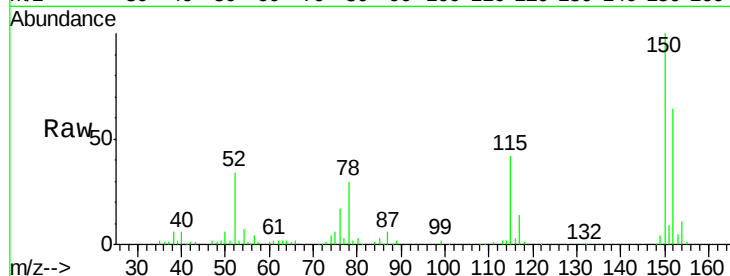
Tgt Ion: 152 Resp: 117140

Ion Ratio Lower Upper

152 100

150 155.7 125.8 188.6

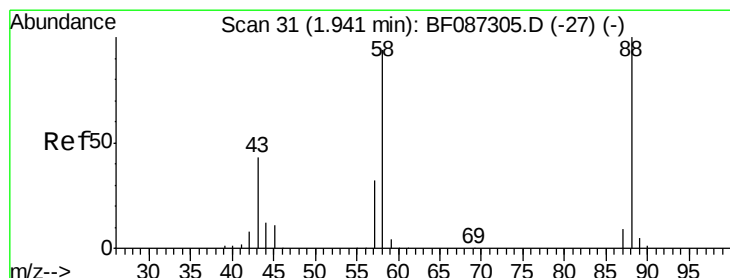
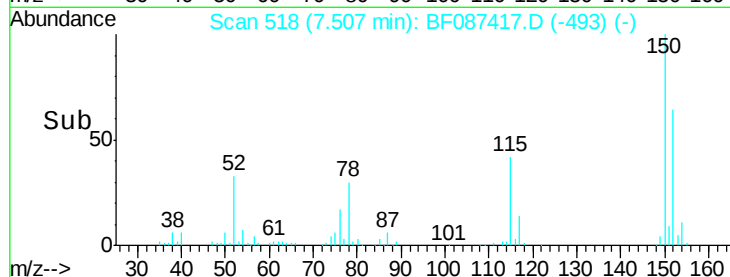
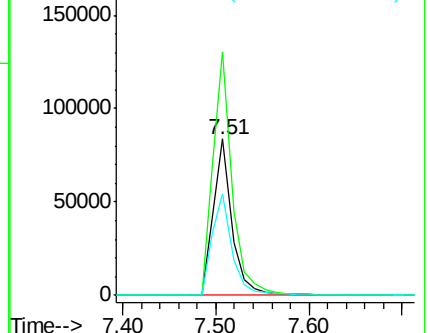
115 65.1 51.5 77.3



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: 18.64 ng

RT: 1.63 min Scan# 4

Delta R.T. -0.18 min

Lab File: BF087417.D

Acq: 26 May 2016 20:08

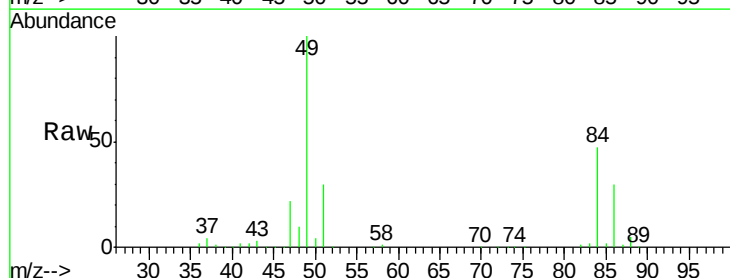
Tgt Ion: 88 Resp: 65557

Ion Ratio Lower Upper

88 100

58 0.0 59.6 89.4#

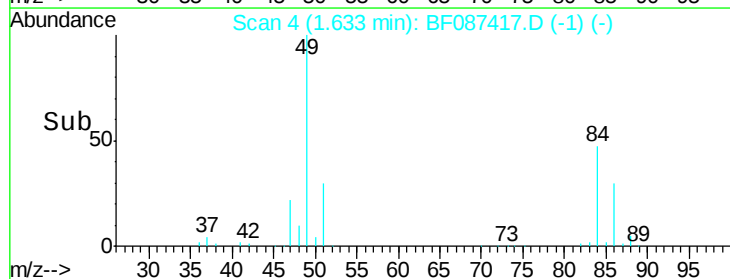
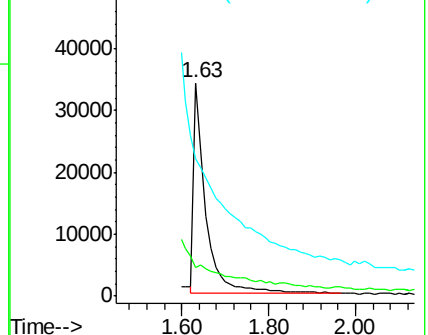
43 0.0 21.8 32.6#

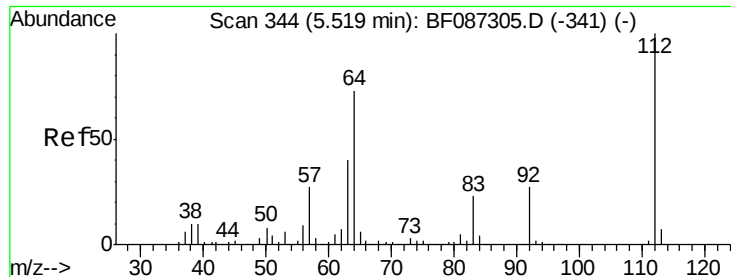


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 122.04 ng

RT: 5.43 min Scan# 336

Delta R.T. 0.01 min

Lab File: BF087417.D

Acq: 26 May 2016 20:08

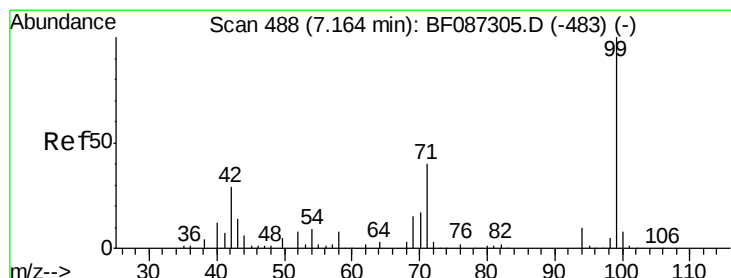
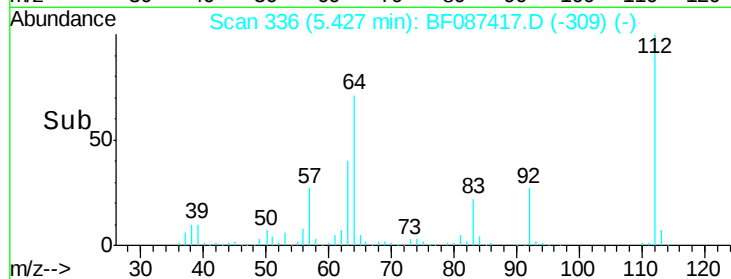
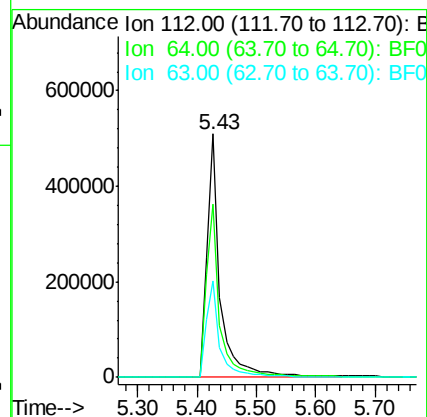
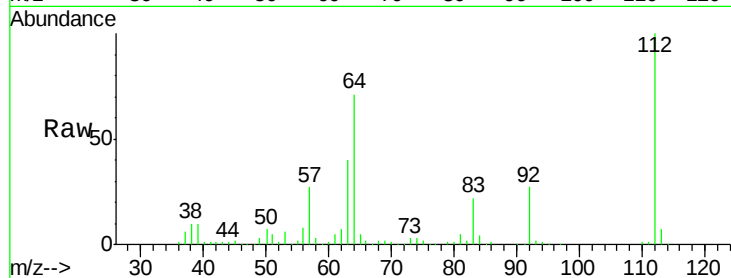
Instrument :

BNA_F

ClientSampleId :

PB90866BL

Tgt Ion:	112	Resp:	813556
Ion	Ratio	Lower	Upper
112	100		
64	71.3	52.1	78.1
63	39.8	25.7	38.5#



#7

Phenol-d6

Concen: 119.21 ng

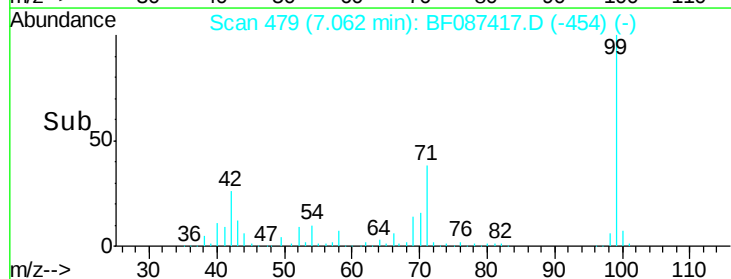
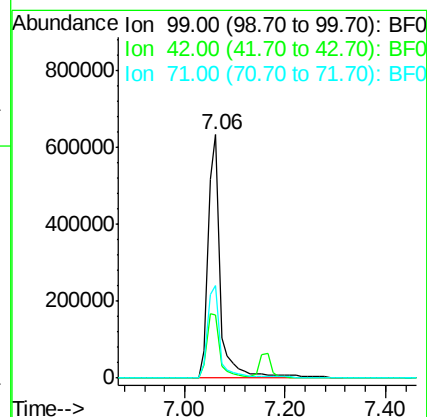
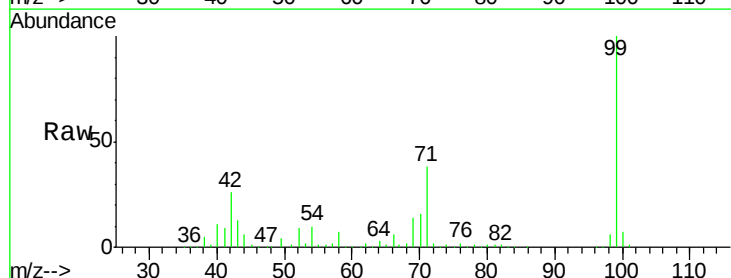
RT: 7.06 min Scan# 479

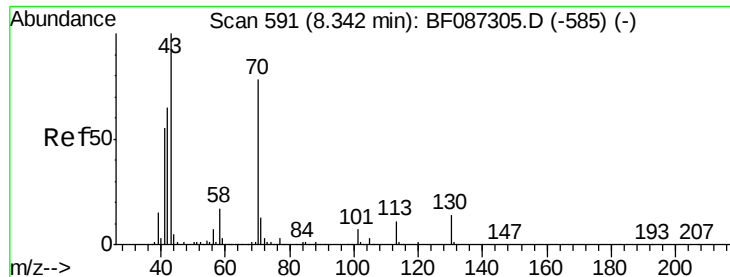
Delta R.T. -0.01 min

Lab File: BF087417.D

Acq: 26 May 2016 20:08

Tgt Ion:	99	Resp:	1073876
Ion	Ratio	Lower	Upper
99	100		
42	25.9	13.6	20.4#
71	38.0	24.6	36.8#

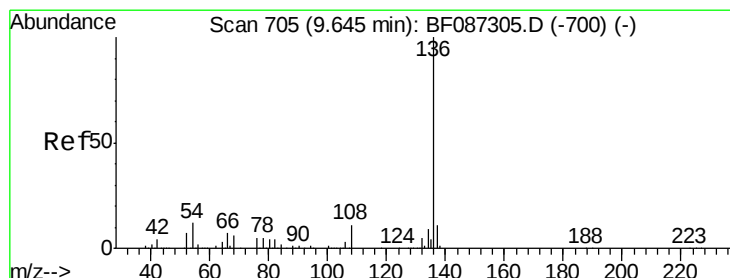
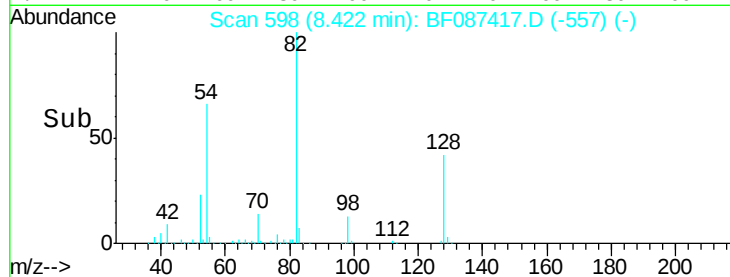
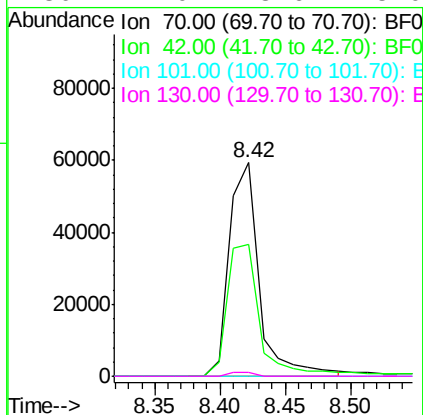
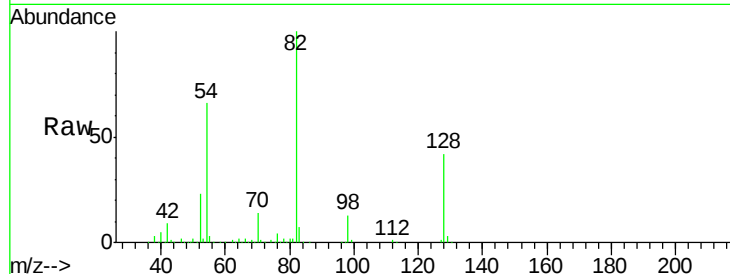




#19
n-Nitroso-di-n-propylamine
Concen: 14.08 ng
RT: 8.42 min Scan# 598
Delta R.T. 0.17 min
Lab File: BF087417.D
Acq: 26 May 2016 20:08

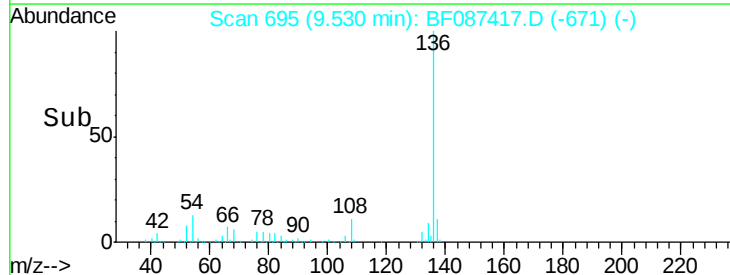
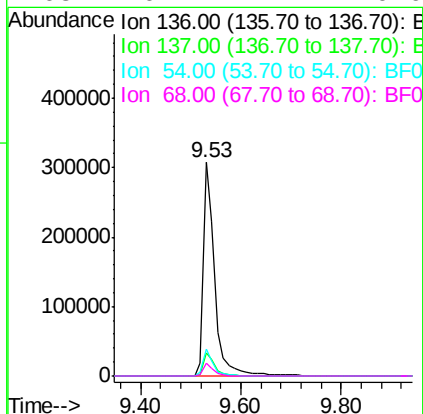
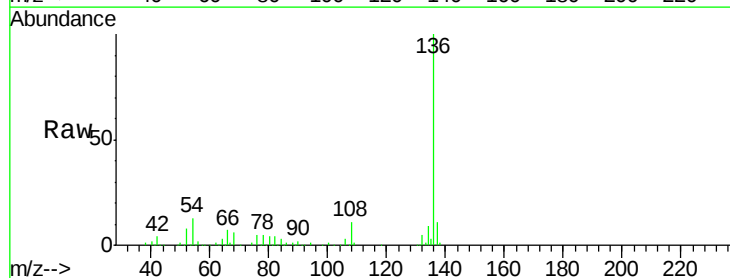
Instrument :
BNA_F
ClientSampleId :
PB90866BL

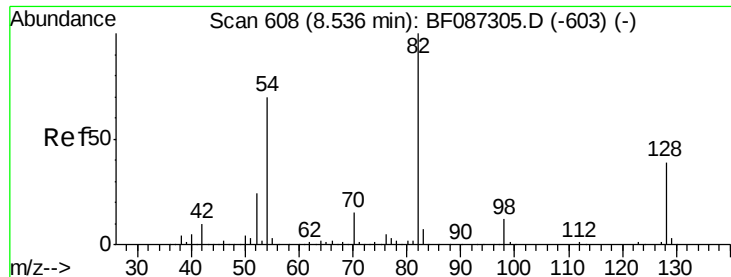
Tgt Ion: 70 Resp: 94564
Ion Ratio Lower Upper
70 100
42 61.6 43.1 64.7
101 0.0 8.1 12.1#
130 2.0 18.6 28.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.53 min Scan# 695
Delta R.T. -0.02 min
Lab File: BF087417.D
Acq: 26 May 2016 20:08

Tgt Ion: 136 Resp: 483991
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 12.6 5.0 7.4#
68 6.1 4.4 6.6

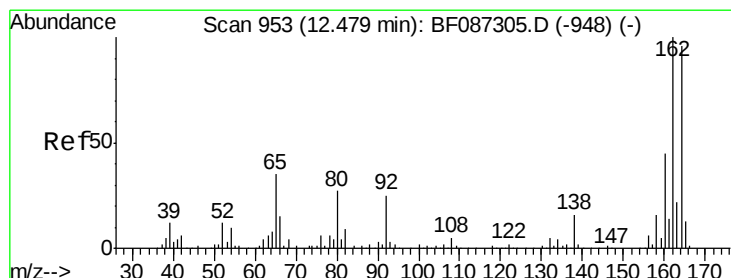
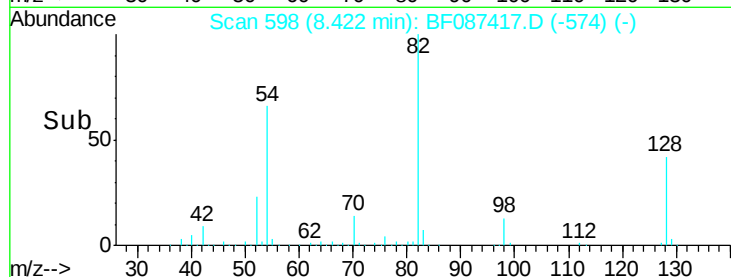
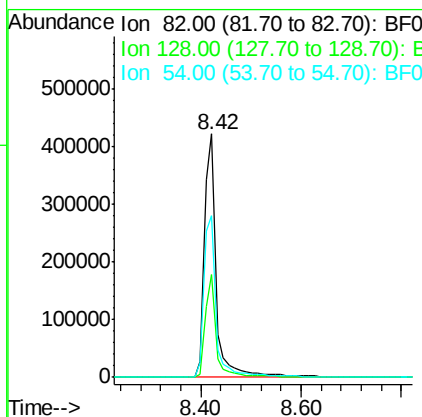
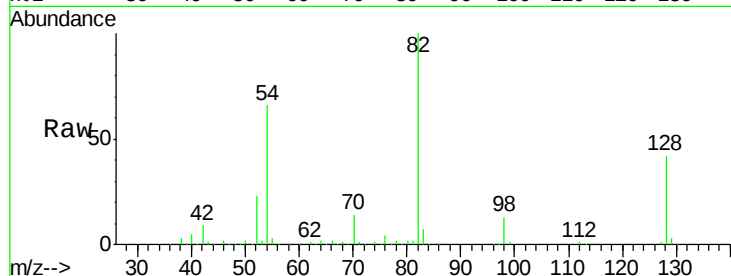




#23
 Nitrobenzene-d5
 Concen: 72.41 ng
 RT: 8.42 min Scan# 598
 Delta R.T. -0.02 min
 Lab File: BF087417.D
 Acq: 26 May 2016 20:08

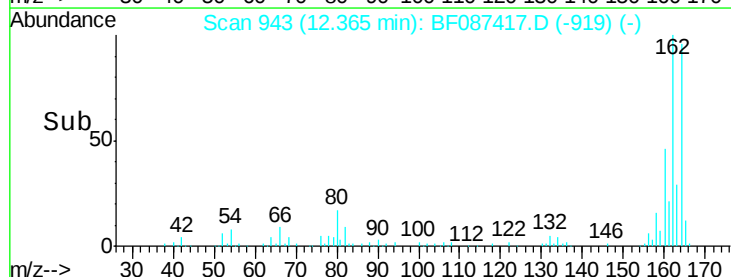
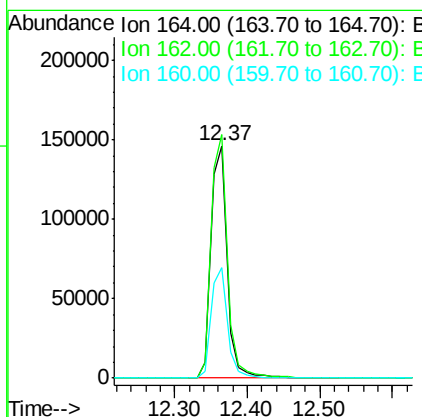
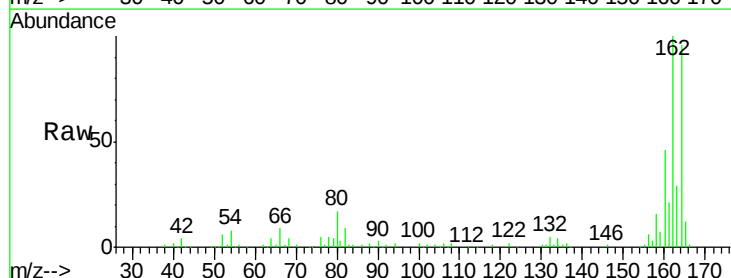
Instrument :
 BNA_F
 ClientSampleId :
 PB90866BL

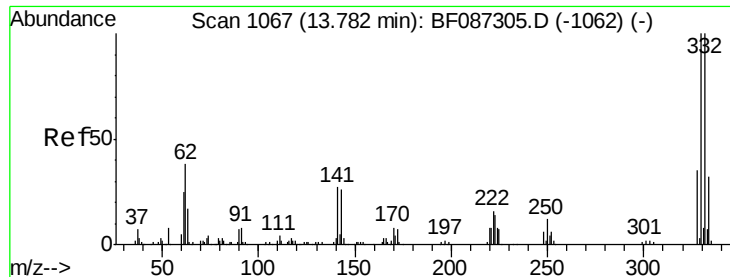
Tgt Ion: 82 Resp: 695380
 Ion Ratio Lower Upper
 82 100
 128 42.2 40.6 61.0
 54 66.3 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.37 min Scan# 943
 Delta R.T. -0.02 min
 Lab File: BF087417.D
 Acq: 26 May 2016 20:08

Tgt Ion: 164 Resp: 227624
 Ion Ratio Lower Upper
 164 100
 162 104.7 82.8 124.2
 160 47.7 36.9 55.3





#41

2,4,6-Tribromophenol

Concen: 107.47 ng

RT: 13.66 min Scan# 1056

Delta R.T. -0.02 min

Lab File: BF087417.D

Acq: 26 May 2016 20:08

Instrument :

BNA_F

ClientSampleId :

PB90866BL

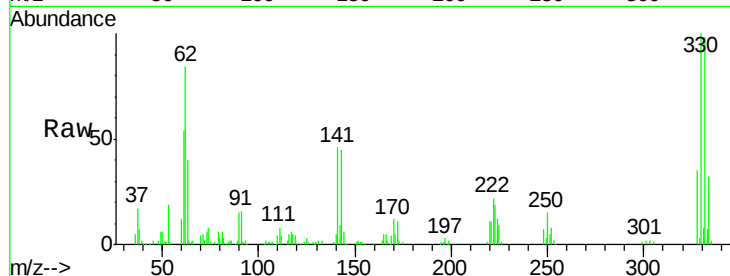
Tgt Ion:330 Resp: 235081

Ion Ratio Lower Upper

330 100

332 97.0 79.0 118.4

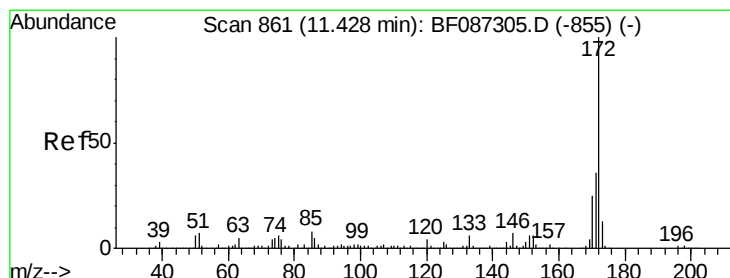
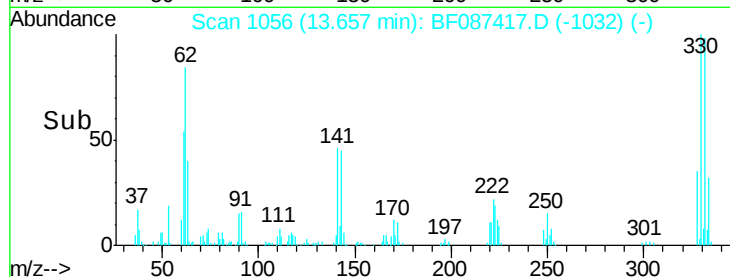
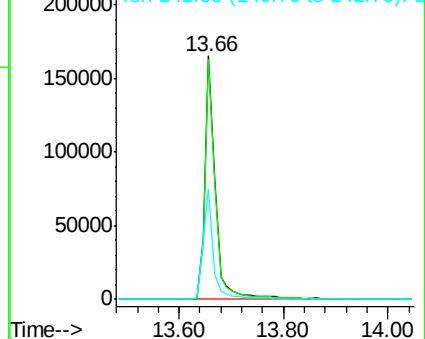
141 45.0 31.2 46.8



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: 70.12 ng

RT: 11.31 min Scan# 851

Delta R.T. -0.02 min

Lab File: BF087417.D

Acq: 26 May 2016 20:08

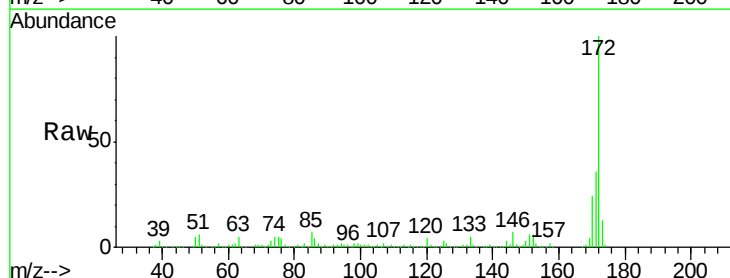
Tgt Ion:172 Resp: 1132234

Ion Ratio Lower Upper

172 100

171 36.2 29.0 43.6

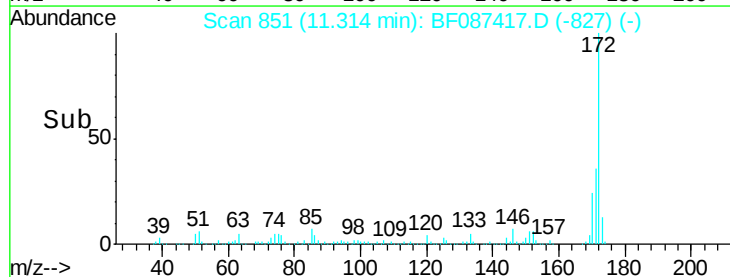
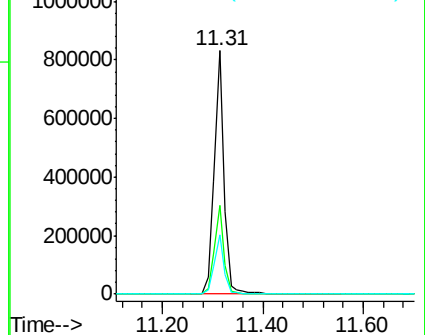
170 24.2 19.8 29.8

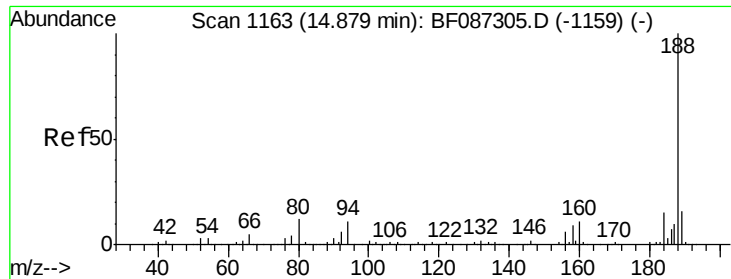


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

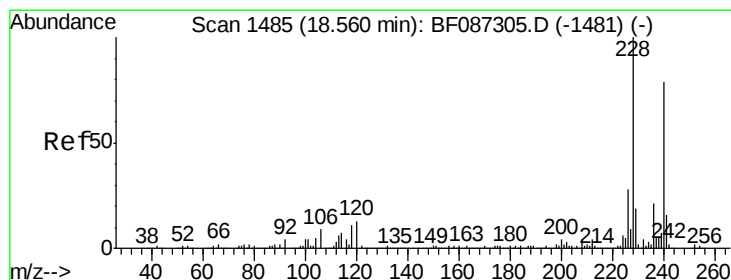
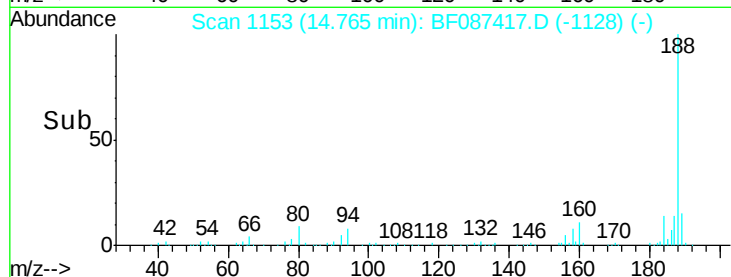
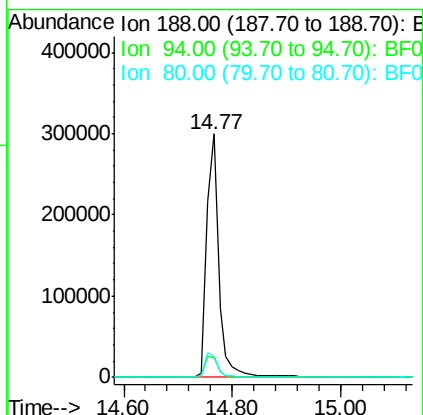
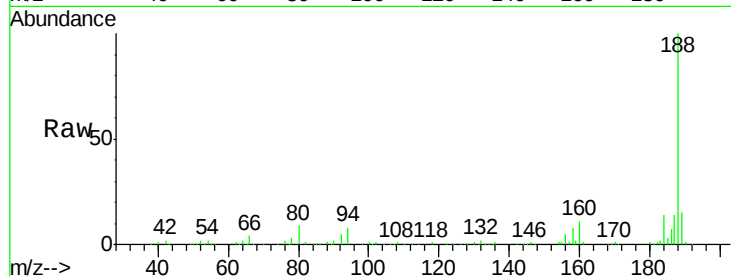




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.77 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF087417.D
Acq: 26 May 2016 20:08

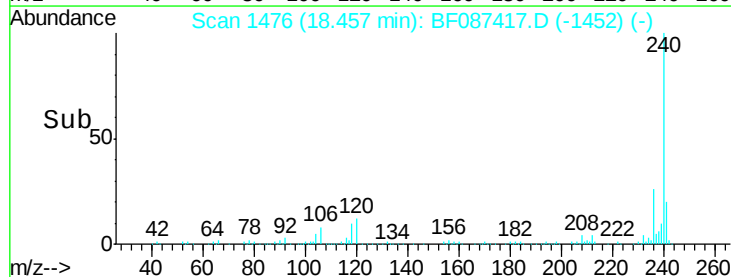
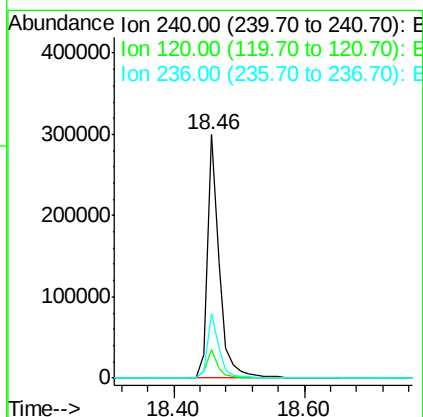
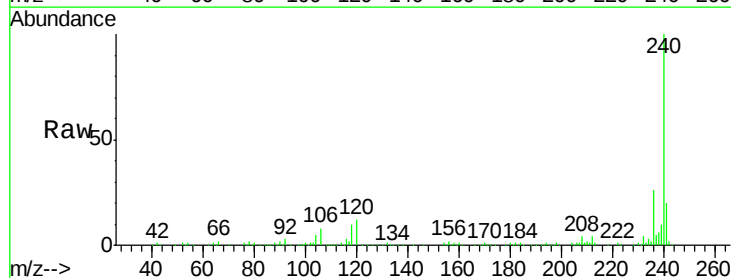
Instrument :
BNA_F
ClientSampleId :
PB90866BL

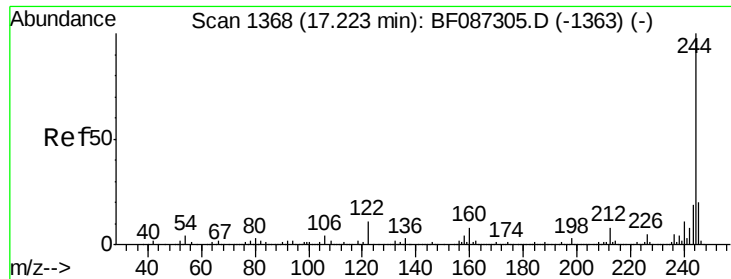
Tgt Ion:188 Resp: 467259
Ion Ratio Lower Upper
188 100
94 8.2 6.8 10.2
80 8.8 7.1 10.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.46 min Scan# 1476
Delta R.T. -0.02 min
Lab File: BF087417.D
Acq: 26 May 2016 20:08

Tgt Ion:240 Resp: 377299
Ion Ratio Lower Upper
240 100
120 11.6 11.2 16.8
236 26.5 21.2 31.8





#78

Terphenyl-d14

Concen: 65.58 ng

RT: 17.12 min Scan# 1359

Delta R.T. -0.01 min

Lab File: BF087417.D

Acq: 26 May 2016 20:08

Instrument :

BNA_F

ClientSampleId :

PB90866BL

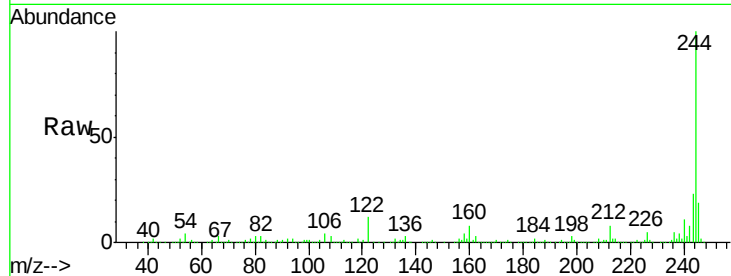
Tgt Ion:244 Resp: 1163847

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

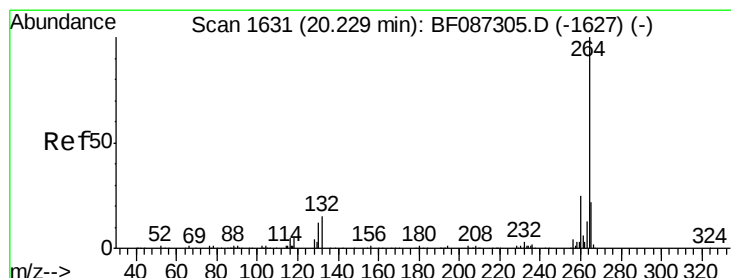
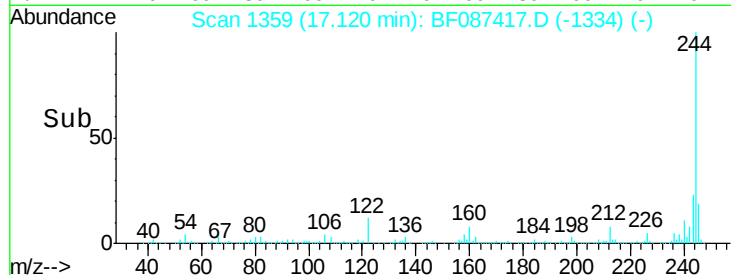
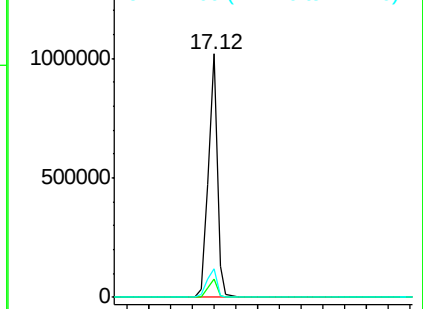
122 11.6 12.0 18.0#



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: 20.13 min Scan# 1622

Delta R.T. -0.01 min

Lab File: BF087417.D

Acq: 26 May 2016 20:08

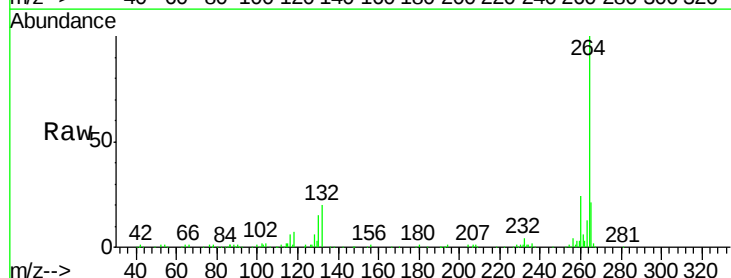
Tgt Ion:264 Resp: 262300

Ion Ratio Lower Upper

264 100

260 24.3 19.5 29.3

265 21.4 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

