

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052616\
 Data File : BF087418.D
 Acq On : 26 May 2016 20:42
 Operator : UM/SJ
 Sample : PB90917BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90917BL

Quant Time: May 27 01:29:22 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

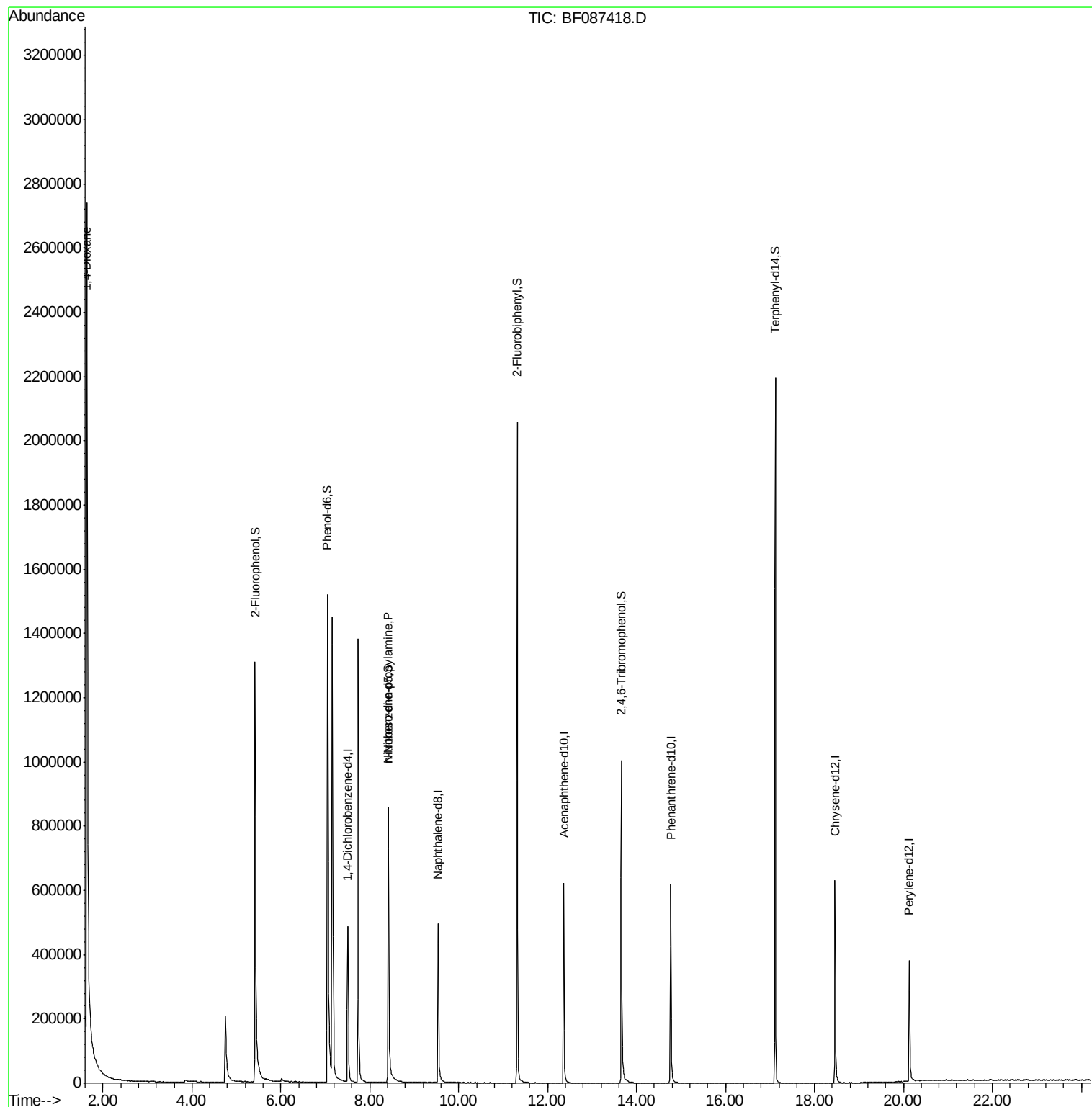
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	98303	20.00	ng	-0.01
21) Naphthalene-d8	9.53	136	402175	20.00	ng	-0.02
38) Acenaphthene-d10	12.37	164	187460	20.00	ng	-0.02
63) Phenanthrene-d10	14.77	188	384059	20.00	ng	-0.01
75) Chrysene-d12	18.46	240	307228	20.00	ng	-0.02
86) Perylene-d12	20.13	264	223843	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	554101	99.05	ng	0.00
7) Phenol-d6	7.05	99	701173	92.76	ng	-0.02
23) Nitrobenzene-d5	8.41	82	477081	59.79	ng	-0.03
41) 2,4,6-Tribromophenol	13.66	330	167685	93.08	ng	-0.02
44) 2-Fluorobiphenyl	11.31	172	820365	61.69	ng	-0.02
78) Terphenyl-d14	17.12	244	882687	61.08	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	1.63	88	109599	37.13	ng	# 22
19) n-Nitroso-di-n-propylamine	8.41	70	61357	10.88	ng	# 68

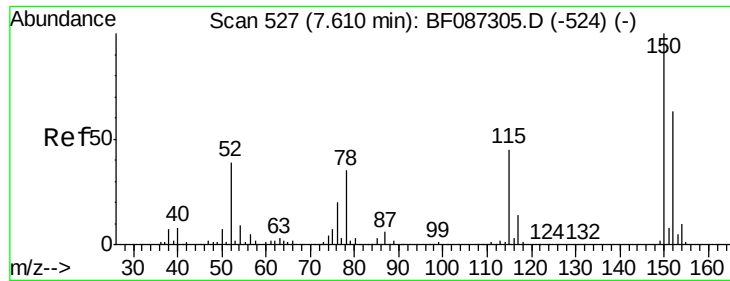
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF087418.D

Acq: 26 May 2016 20:42

Instrument :

BNA_F

ClientSampleId :

PB90917BL

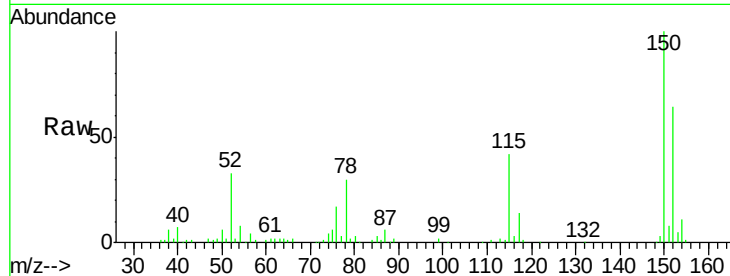
Tgt Ion: 152 Resp: 98303

Ion Ratio Lower Upper

152 100

150 155.3 125.8 188.6

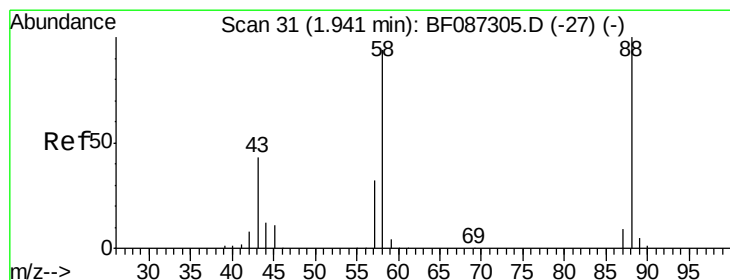
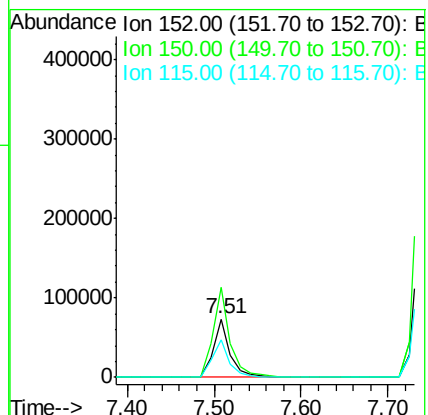
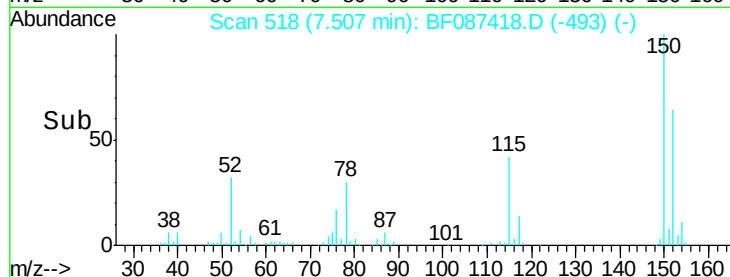
115 65.3 51.5 77.3



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: 37.13 ng

RT: 1.63 min Scan# 4

Delta R.T. -0.18 min

Lab File: BF087418.D

Acq: 26 May 2016 20:42

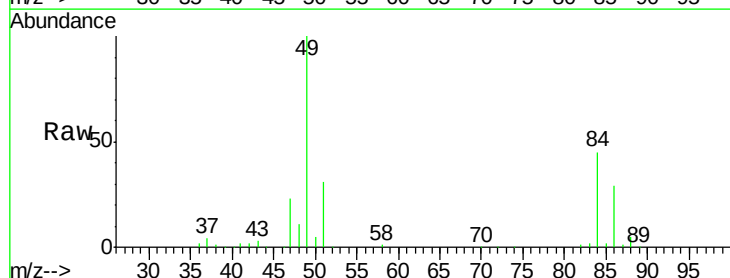
Tgt Ion: 88 Resp: 109599

Ion Ratio Lower Upper

88 100

58 0.0 59.6 89.4#

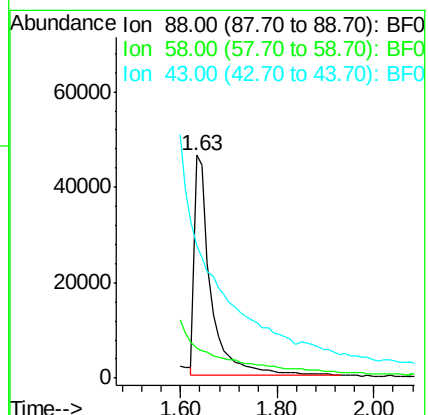
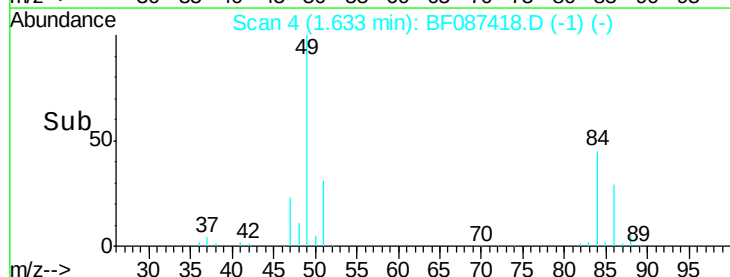
43 0.0 21.8 32.6#

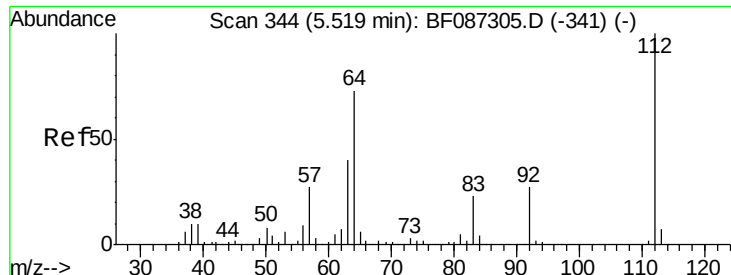


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

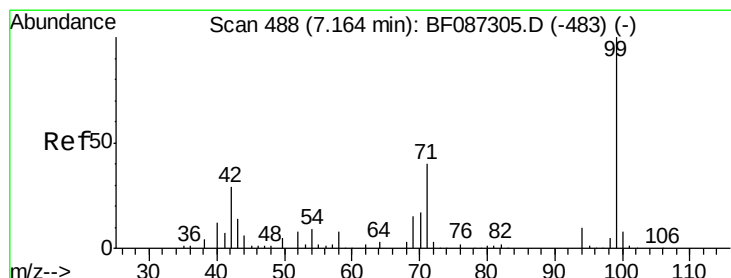
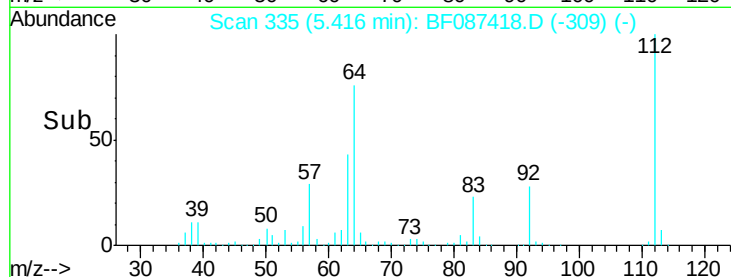
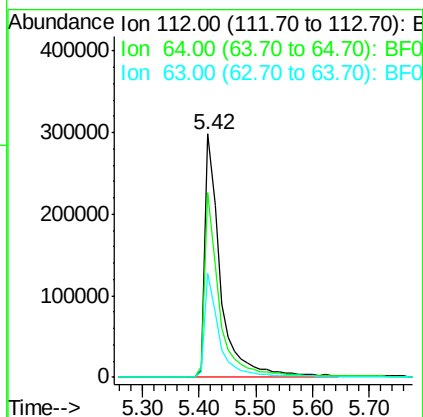
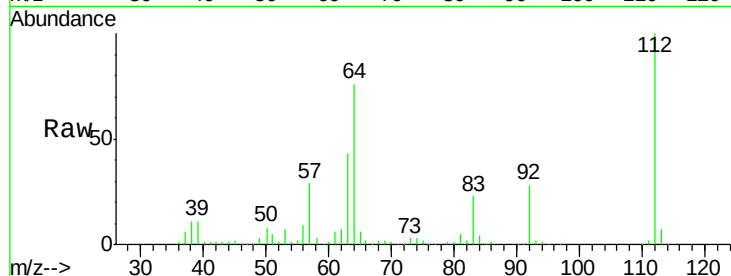




#5
 2-Fluorophenol
 Concen: 99.05 ng
 RT: 5.42 min Scan# 335
 Delta R.T. 0.00 min
 Lab File: BF087418.D
 Acq: 26 May 2016 20:42

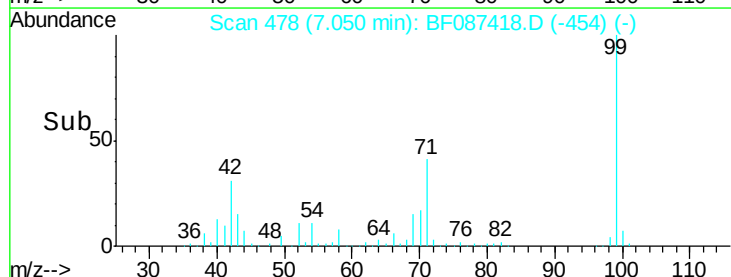
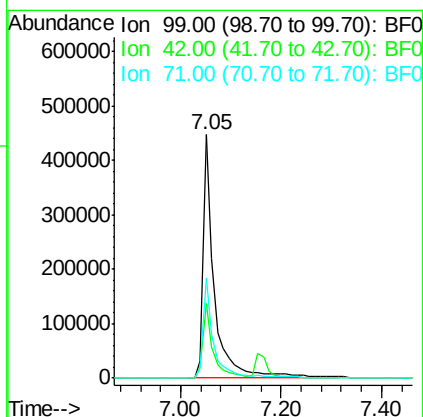
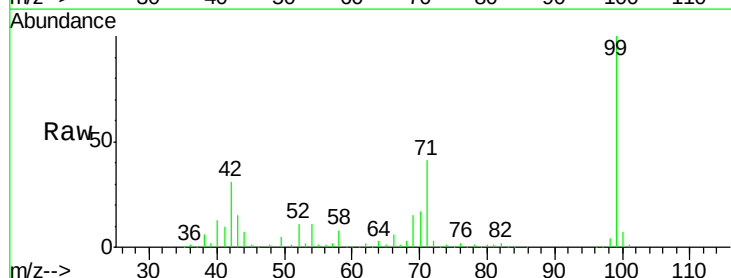
Instrument :
 BNA_F
 ClientSampleId :
 PB90917BL

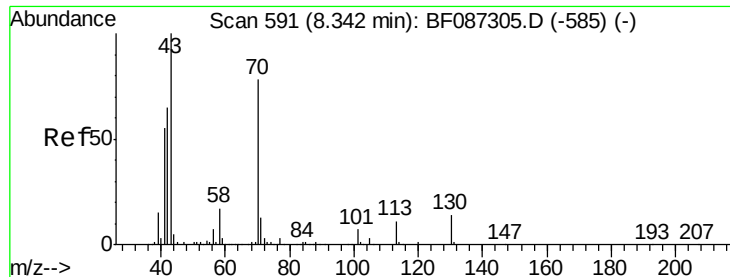
Tgt Ion	Ratio	Lower	Upper
112	100		
64	75.9	52.1	78.1
63	42.9	25.7	38.5



#7
 Phenol-d6
 Concen: 92.76 ng
 RT: 7.05 min Scan# 478
 Delta R.T. -0.02 min
 Lab File: BF087418.D
 Acq: 26 May 2016 20:42

Tgt Ion	Ratio	Lower	Upper
99	100		
42	30.9	13.6	20.4
71	41.1	24.6	36.8





#19

n-Nitroso-di-n-propylamine

Concen: 10.88 ng

RT: 8.41 min Scan# 597

Delta R.T. 0.16 min

Lab File: BF087418.D

Acq: 26 May 2016 20:42

Instrument :

BNA_F

ClientSampleId :

PB90917BL

Tgt Ion: 70 Resp: 61357

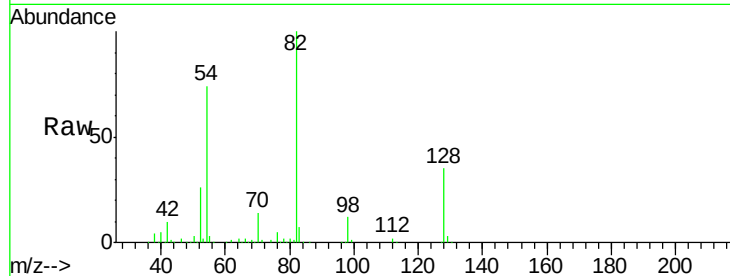
Ion Ratio Lower Upper

70 100

42 73.4 43.1 64.7#

101 0.0 8.1 12.1#

130 1.8 18.6 28.0#

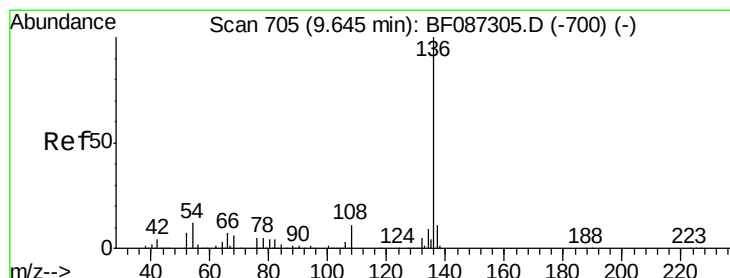
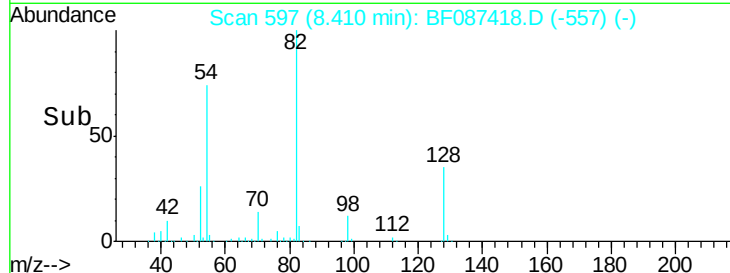
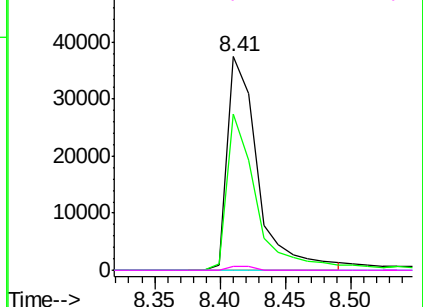


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.53 min Scan# 695

Delta R.T. -0.02 min

Lab File: BF087418.D

Acq: 26 May 2016 20:42

Tgt Ion: 136 Resp: 402175

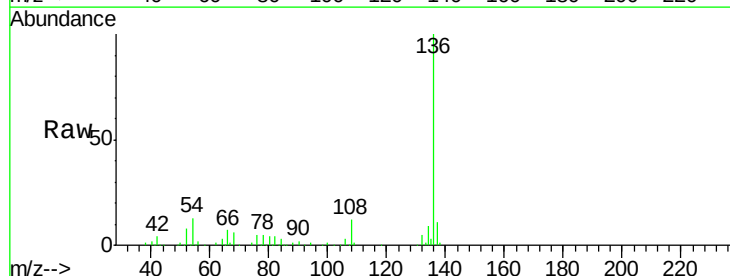
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 13.0 5.0 7.4#

68 6.1 4.4 6.6

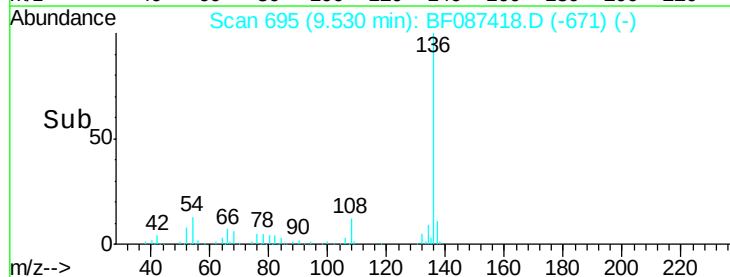
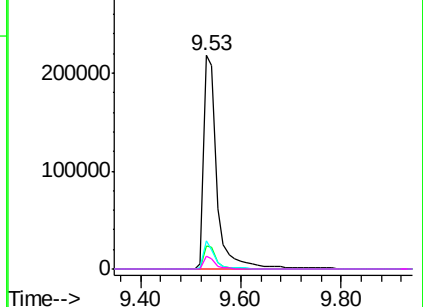


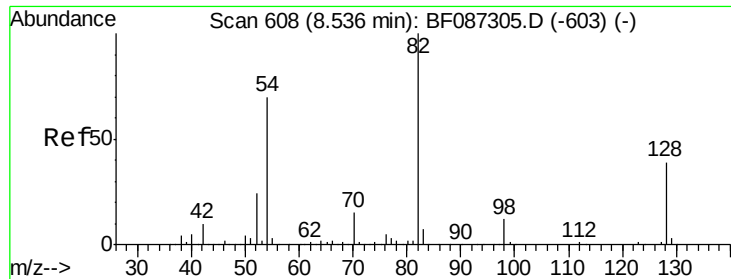
Abundance Ion 136.00 (135.70 to 136.70): E

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

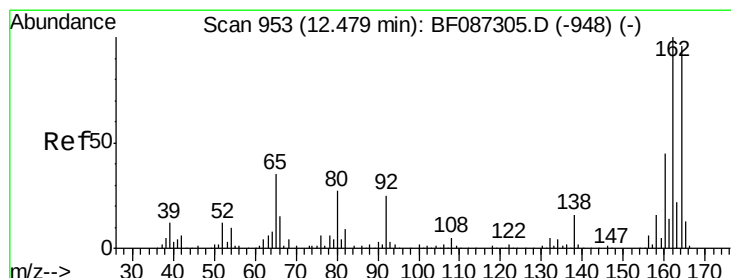
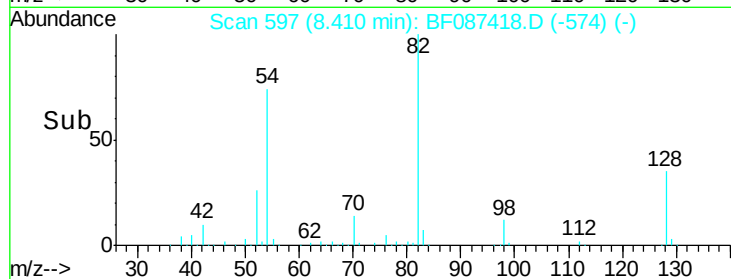
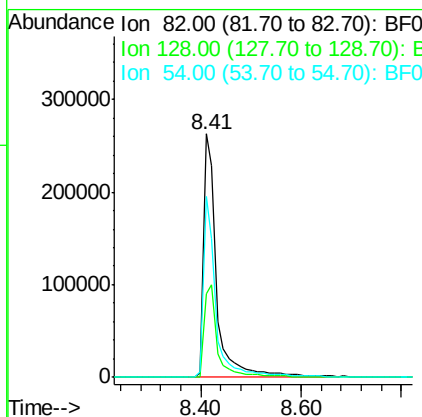
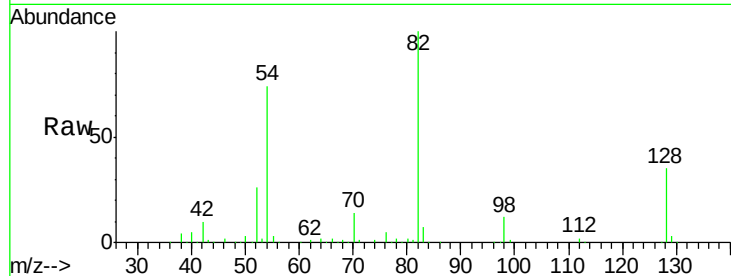




#23
 Nitrobenzene-d5
 Concen: 59.79 ng
 RT: 8.41 min Scan# 597
 Delta R.T. -0.03 min
 Lab File: BF087418.D
 Acq: 26 May 2016 20:42

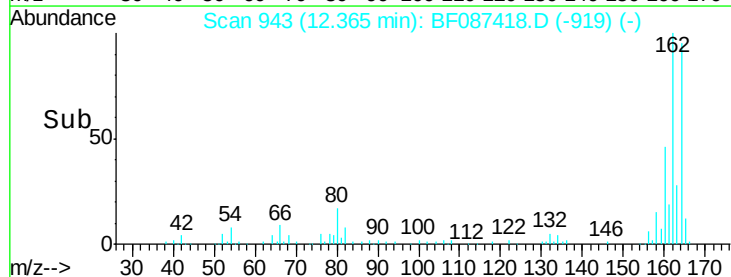
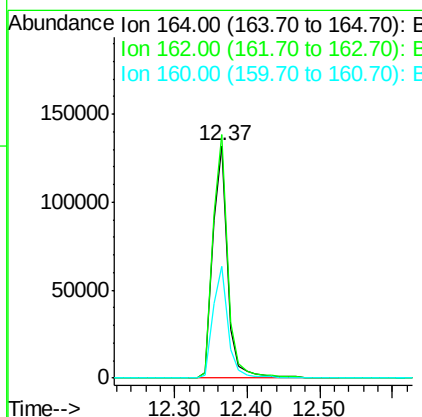
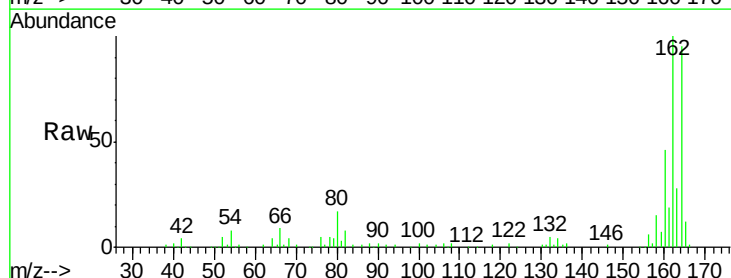
Instrument :
 BNA_F
 ClientSampleId :
 PB90917BL

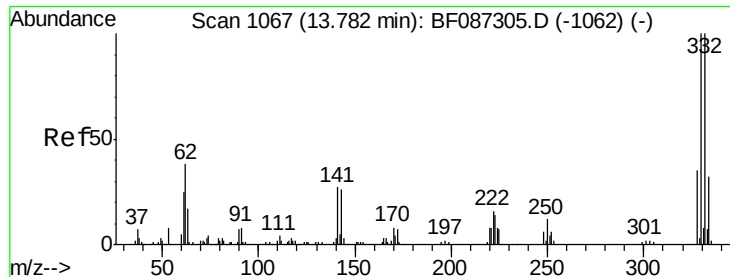
Tgt Ion: 82 Resp: 477081
 Ion Ratio Lower Upper
 82 100
 128 34.6 40.6 61.0#
 54 74.1 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.37 min Scan# 943
 Delta R.T. -0.02 min
 Lab File: BF087418.D
 Acq: 26 May 2016 20:42

Tgt Ion: 164 Resp: 187460
 Ion Ratio Lower Upper
 164 100
 162 104.9 82.8 124.2
 160 48.0 36.9 55.3

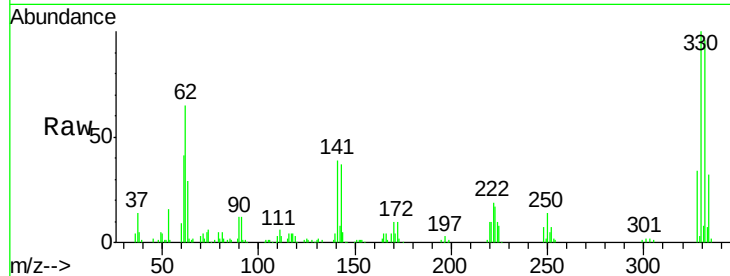




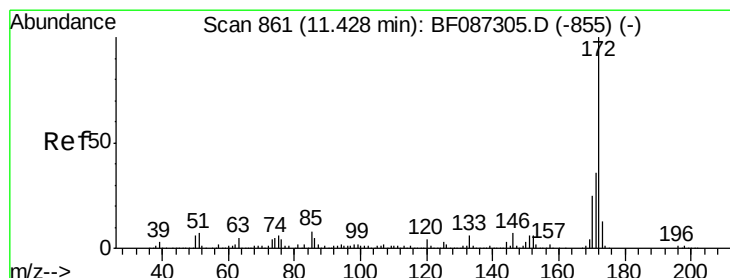
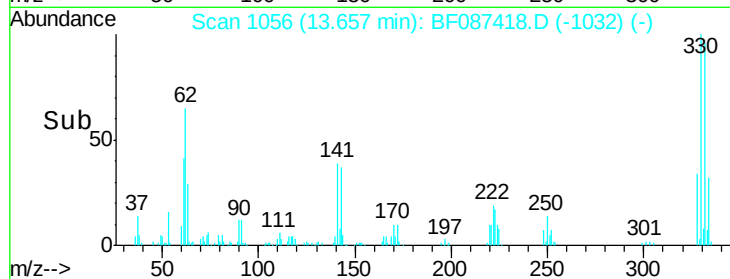
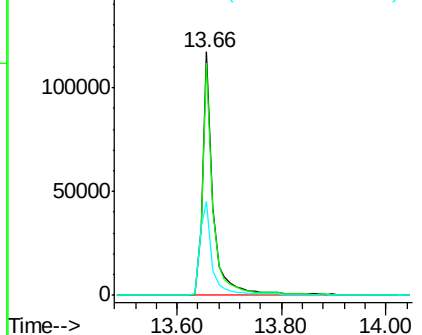
#41
 2,4,6-Tribromophenol
 Concen: 93.08 ng
 RT: 13.66 min Scan# 1056
 Delta R.T. -0.02 min
 Lab File: BF087418.D
 Acq: 26 May 2016 20:42

Instrument :
 BNA_F
 ClientSampleId :
 PB90917BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.5	79.0	118.4
141	45.2	31.2	46.8

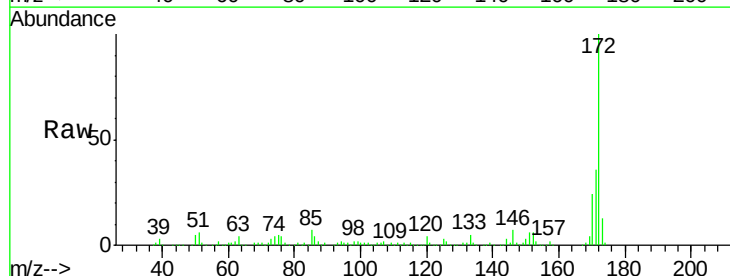


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

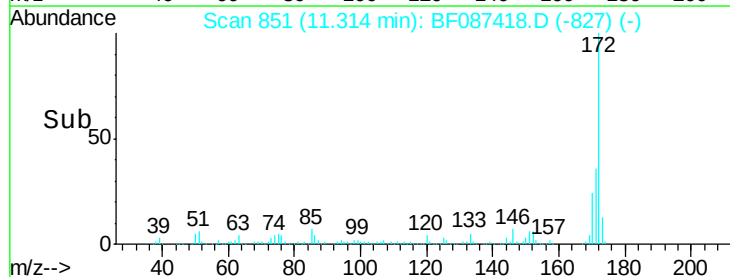
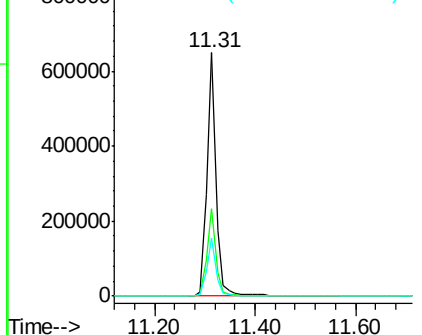


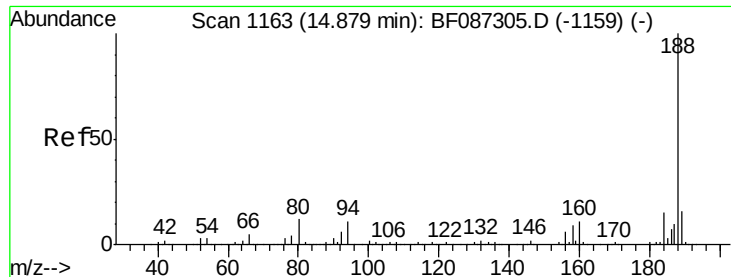
#44
 2-Fluorobiphenyl
 Concen: 61.69 ng
 RT: 11.31 min Scan# 851
 Delta R.T. -0.02 min
 Lab File: BF087418.D
 Acq: 26 May 2016 20:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.0	43.6
170	23.9	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

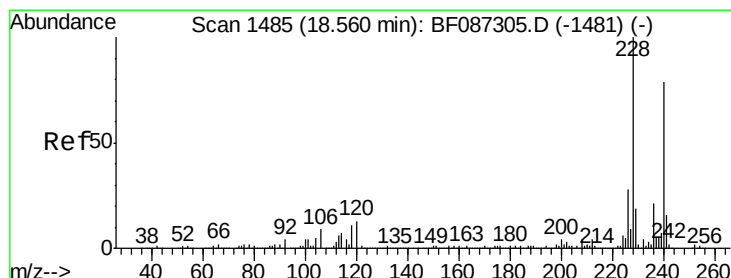
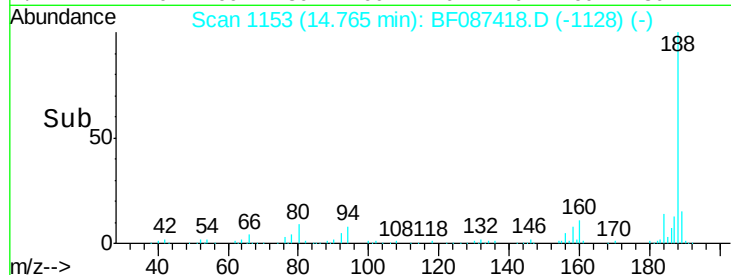
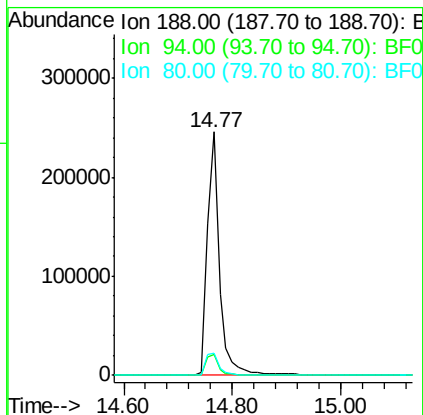
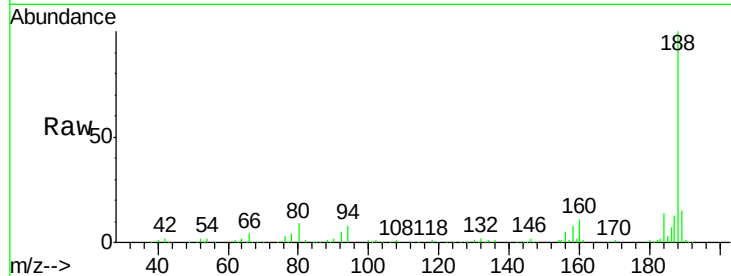




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.77 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF087418.D
Acq: 26 May 2016 20:42

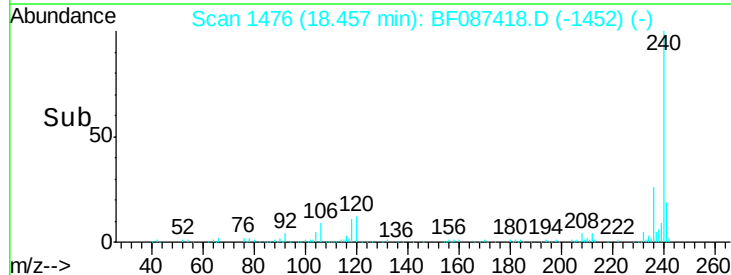
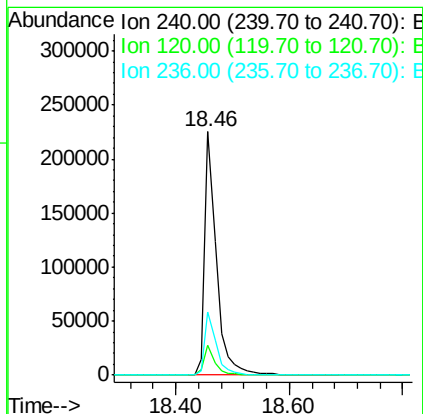
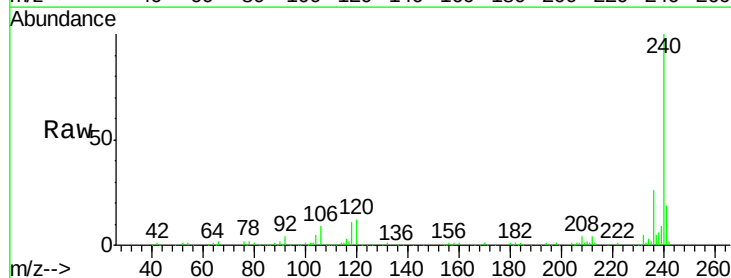
Instrument :
BNA_F
ClientSampleId :
PB90917BL

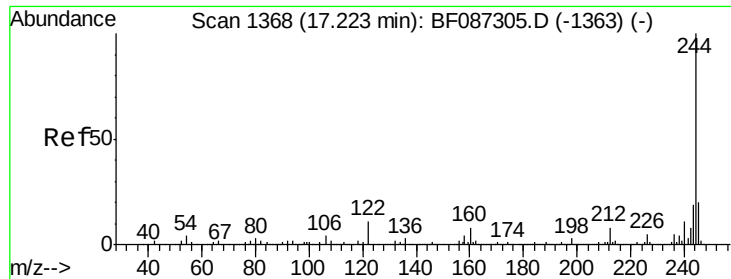
Tgt Ion:188 Resp: 384059
Ion Ratio Lower Upper
188 100
94 8.4 6.8 10.2
80 9.4 7.1 10.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.46 min Scan# 1476
Delta R.T. -0.02 min
Lab File: BF087418.D
Acq: 26 May 2016 20:42

Tgt Ion:240 Resp: 307228
Ion Ratio Lower Upper
240 100
120 12.2 11.2 16.8
236 26.2 21.2 31.8





#78

Terphenyl-d14

Concen: 61.08 ng

RT: 17.12 min Scan# 1359

Delta R.T. -0.01 min

Lab File: BF087418.D

Acq: 26 May 2016 20:42

Instrument :

BNA_F

ClientSampleId :

PB90917BL

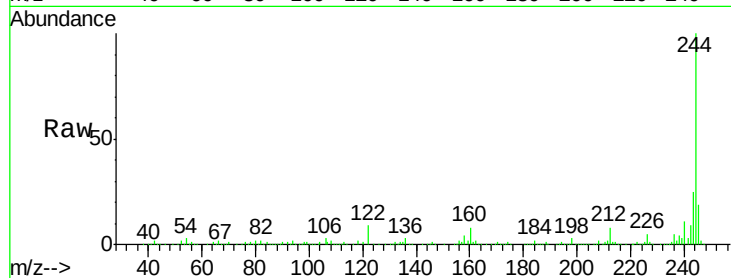
Tgt Ion:244 Resp: 882687

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

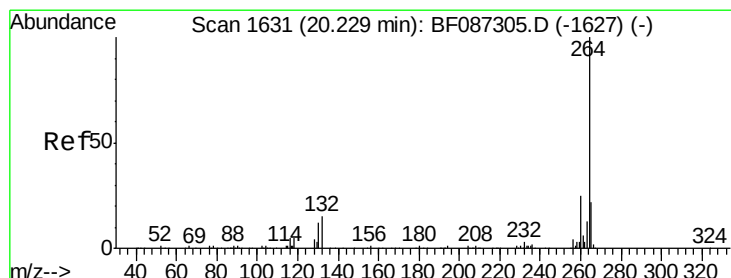
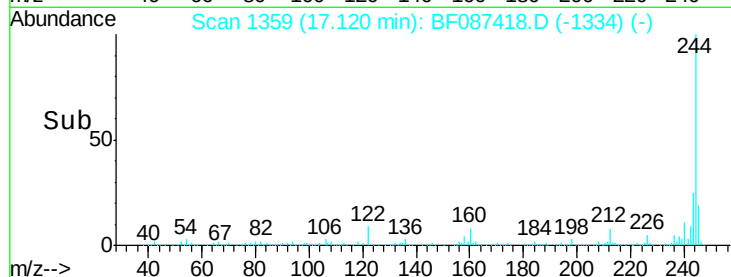
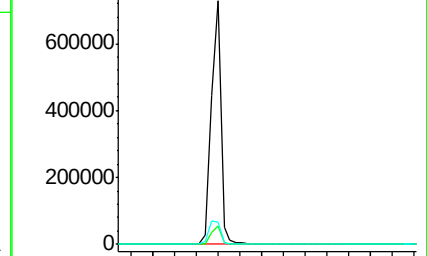
122 9.3 12.0 18.0#



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: BF087418.D

Acq: 26 May 2016 20:42

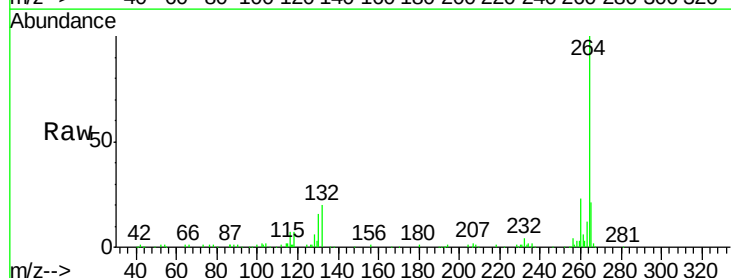
Tgt Ion:264 Resp: 223843

Ion Ratio Lower Upper

264 100

260 23.4 19.5 29.3

265 20.7 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

