

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052616\
 Data File : BF087415.D
 Acq On : 26 May 2016 18:58
 Operator : UM/SJ
 Sample : PB90852BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90852BL

Quant Time: May 27 01:28:49 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

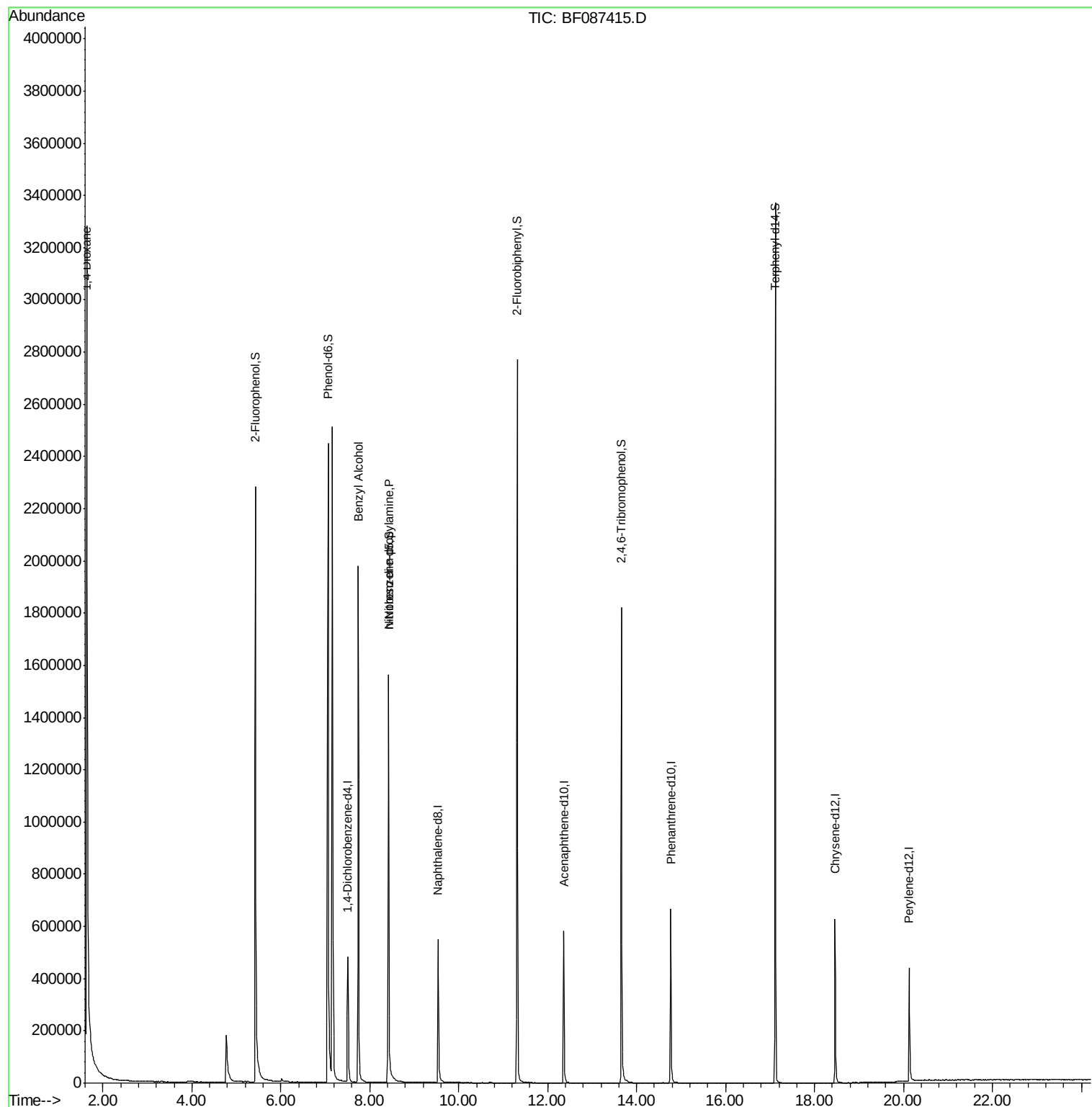
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	99657	20.00	ng	-0.01
21) Naphthalene-d8	9.53	136	410667	20.00	ng	-0.02
38) Acenaphthene-d10	12.37	164	191360	20.00	ng	-0.02
63) Phenanthrene-d10	14.77	188	388580	20.00	ng	-0.01
75) Chrysene-d12	18.46	240	322093	20.00	ng	-0.02
86) Perylene-d12	20.13	264	232921	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	844614	148.92	ng	0.01
7) Phenol-d6	7.06	99	1119111	146.03	ng	-0.01
23) Nitrobenzene-d5	8.42	82	743451	91.24	ng	-0.02
41) 2,4,6-Tribromophenol	13.66	330	248456	135.11	ng	-0.02
44) 2-Fluorobiphenyl	11.31	172	1186381	87.40	ng	-0.02
78) Terphenyl-d14	17.12	244	1220174	80.54	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	1.63	88	105469	35.24	ng	# 22
15) Benzyl Alcohol	7.74	79	13237	2.37	ng	# 47
19) n-Nitroso-di-n-propylamine	8.42	70	100943	17.66	ng	# 77

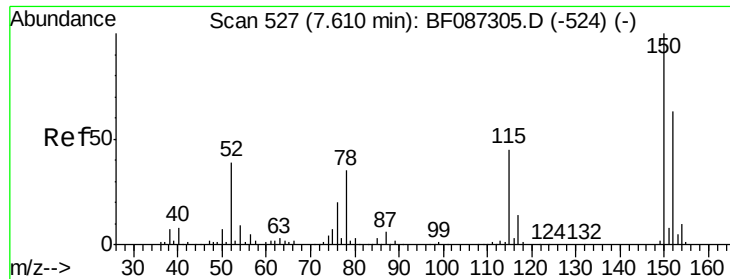
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF087415.D

Acq: 26 May 2016 18:58

Instrument :

BNA_F

ClientSampleId :

PB90852BL

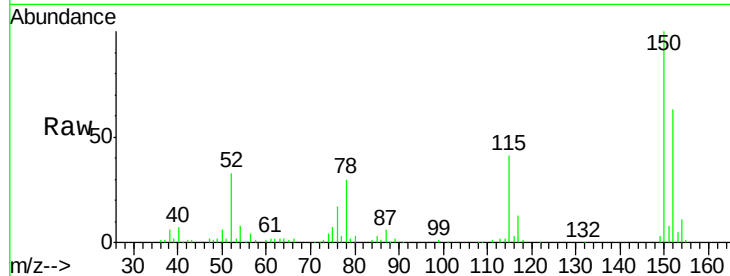
Tgt Ion:152 Resp: 99657

Ion Ratio Lower Upper

152 100

150 158.6 125.8 188.6

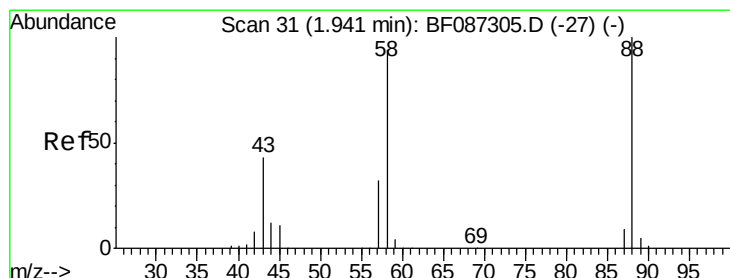
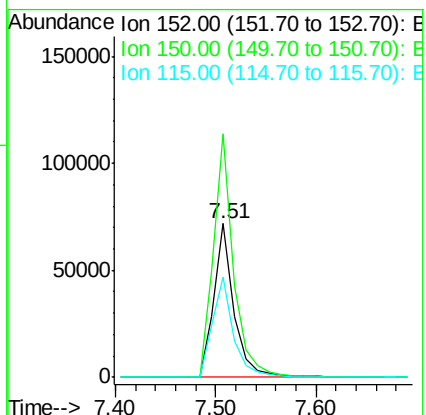
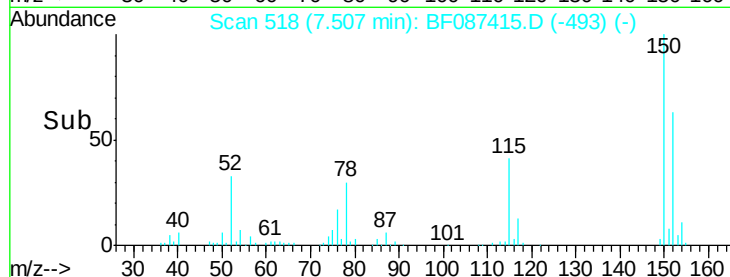
115 65.2 51.5 77.3



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: 35.24 ng

RT: 1.63 min Scan# 4

Delta R.T. -0.18 min

Lab File: BF087415.D

Acq: 26 May 2016 18:58

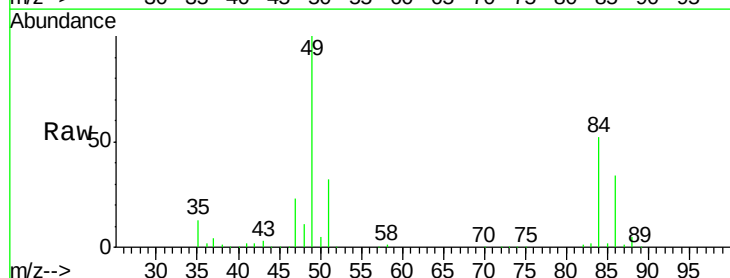
Tgt Ion: 88 Resp: 105469

Ion Ratio Lower Upper

88 100

58 0.0 59.6 89.4#

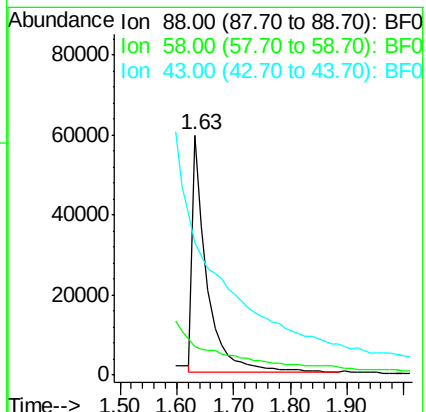
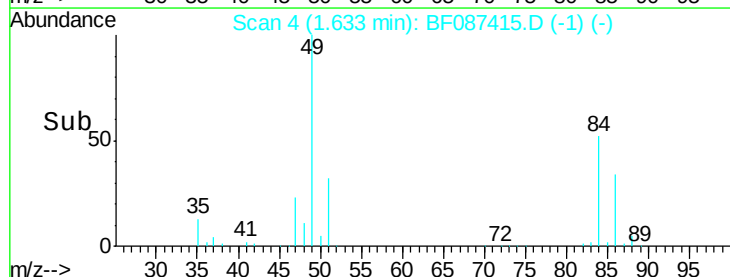
43 0.0 21.8 32.6#

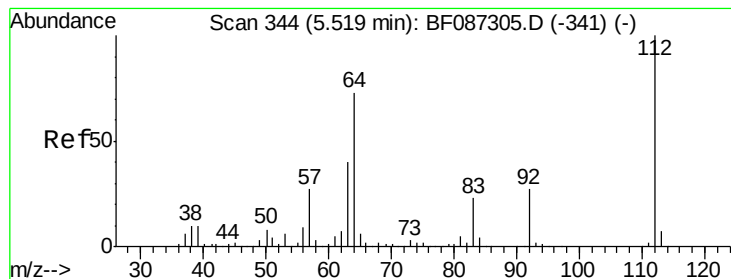


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 148.92 ng

RT: 5.43 min Scan# 336

Delta R.T. 0.01 min

Lab File: BF087415.D

Acq: 26 May 2016 18:58

Instrument :

BNA_F

ClientSampleId :

PB90852BL

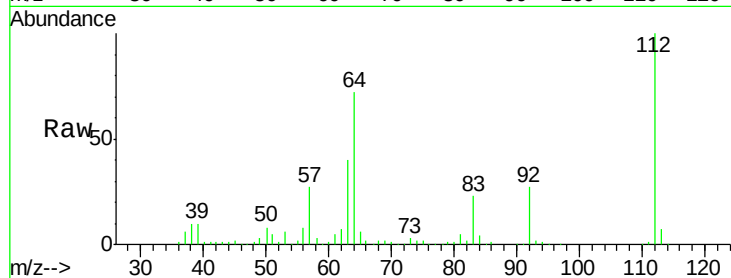
Tgt Ion: 112 Resp: 844614

Ion Ratio Lower Upper

112 100

64 71.8 52.1 78.1

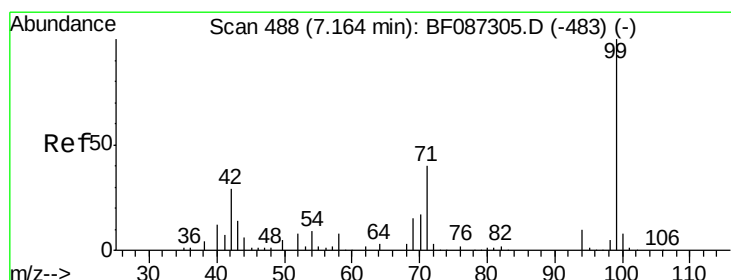
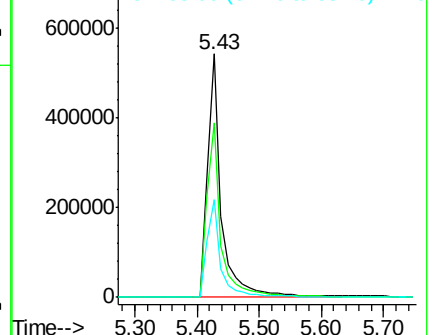
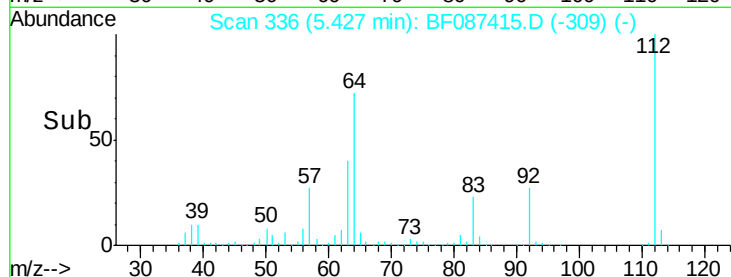
63 40.3 25.7 38.5#



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: 146.03 ng

RT: 7.06 min Scan# 479

Delta R.T. -0.01 min

Lab File: BF087415.D

Acq: 26 May 2016 18:58

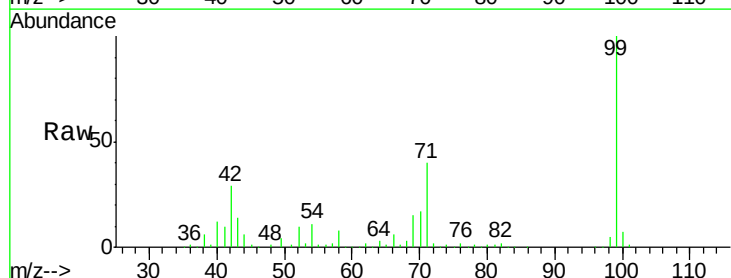
Tgt Ion: 99 Resp: 1119111

Ion Ratio Lower Upper

99 100

42 28.7 13.6 20.4#

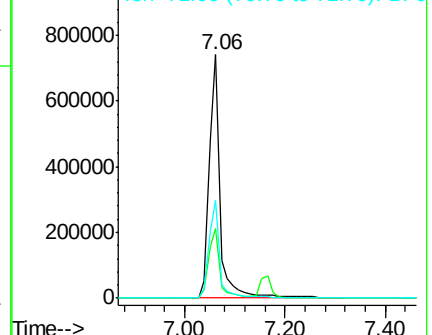
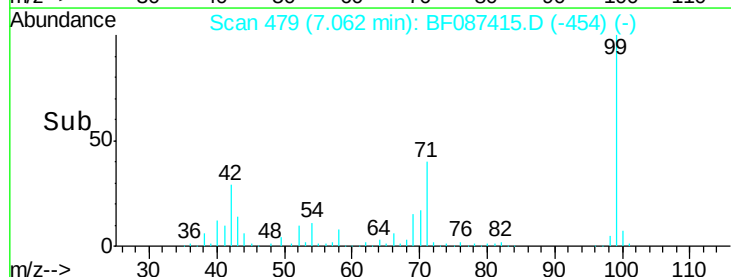
71 40.3 24.6 36.8#

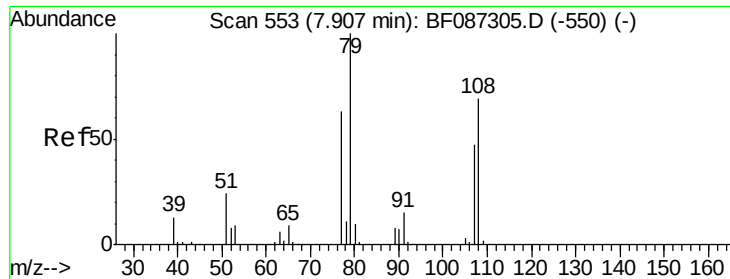


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#15

Benzyl Alcohol

Concen: 2.37 ng

RT: 7.74 min Scan# 538

Delta R.T. -0.08 min

Lab File: BF087415.D

Acq: 26 May 2016 18:58

Instrument :

BNA_F

ClientSampleId :

PB90852BL

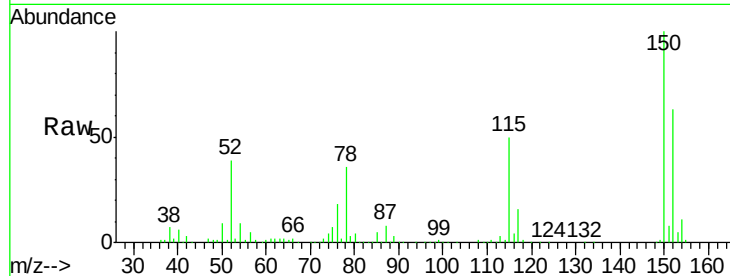
Tgt Ion: 79 Resp: 13237

Ion Ratio Lower Upper

79 100

108 28.1 68.4 102.6#

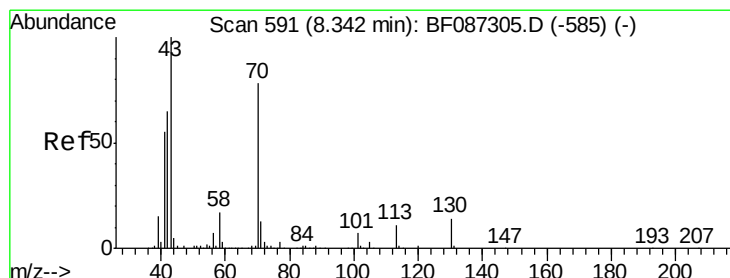
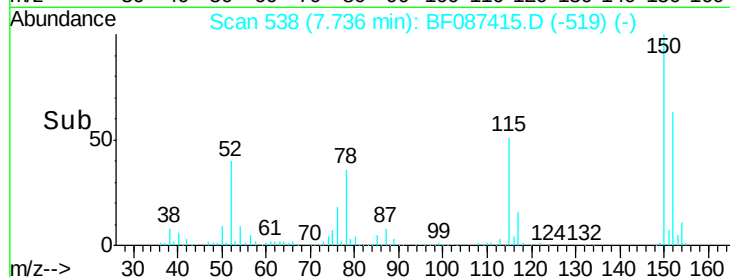
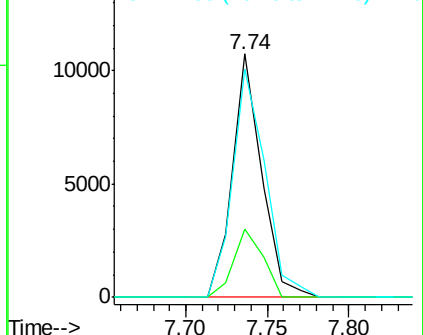
77 93.5 50.6 76.0#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 17.66 ng

RT: 8.42 min Scan# 598

Delta R.T. 0.17 min

Lab File: BF087415.D

Acq: 26 May 2016 18:58

Tgt Ion: 70 Resp: 100943

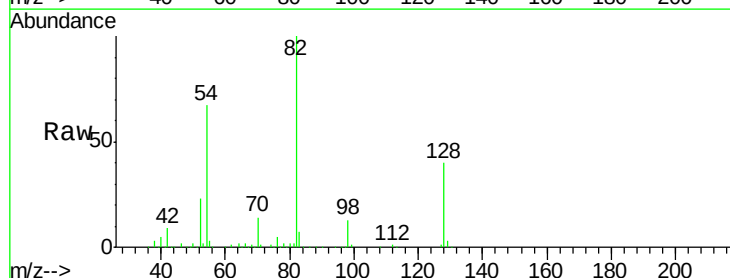
Ion Ratio Lower Upper

70 100

42 63.1 43.1 64.7

101 0.0 8.1 12.1#

130 1.6 18.6 28.0#

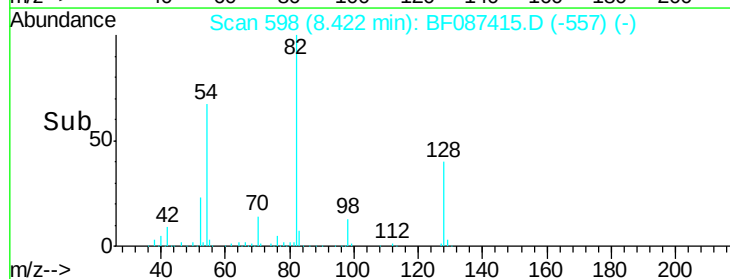
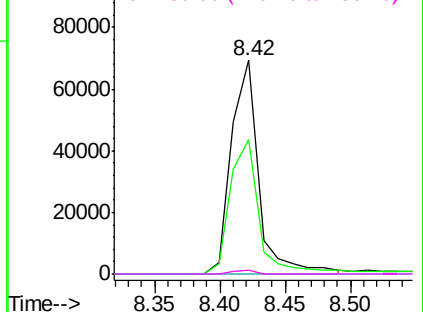


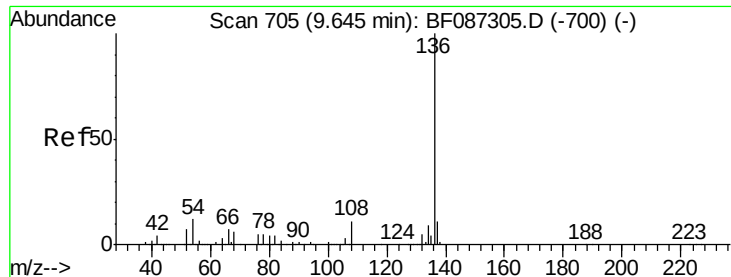
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

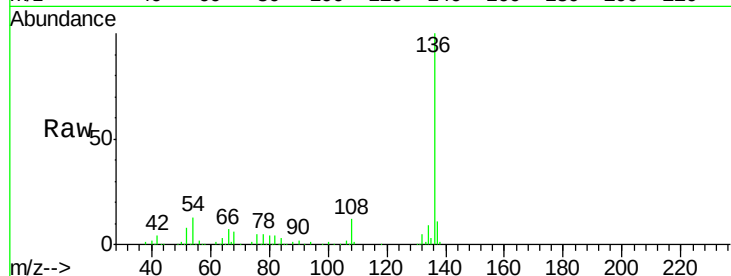




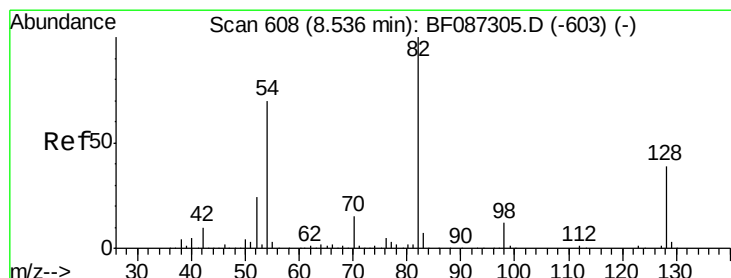
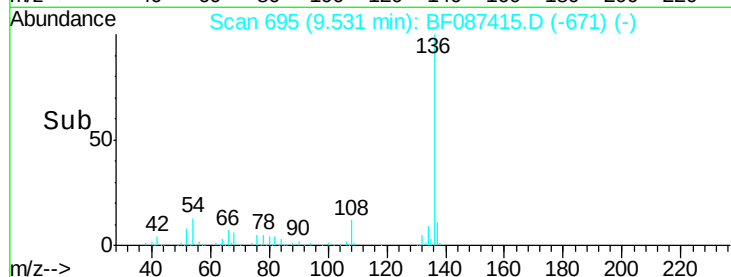
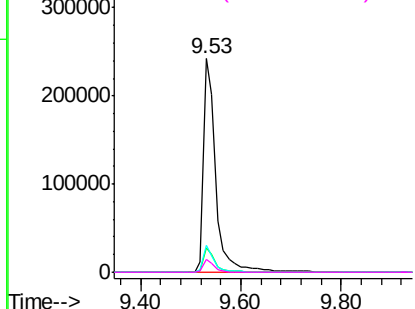
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.53 min Scan# 695
Delta R.T. -0.02 min
Lab File: BF087415.D
Acq: 26 May 2016 18:58

Instrument :
BNA_F
ClientSampleId :
PB90852BL

Tgt Ion:	136	Resp:	410667
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	12.8	5.0	7.4#
68	6.3	4.4	6.6

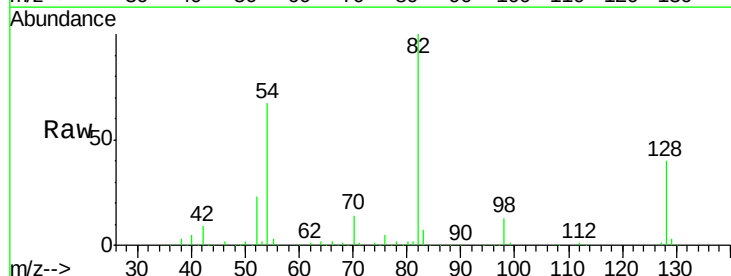


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

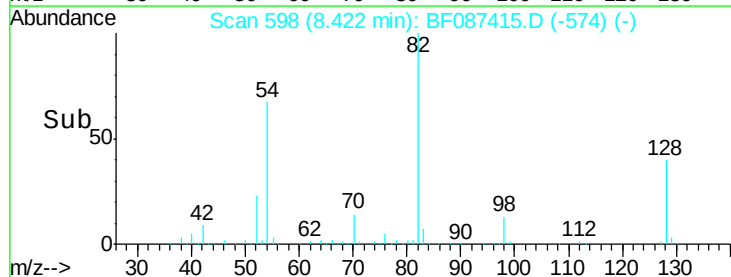
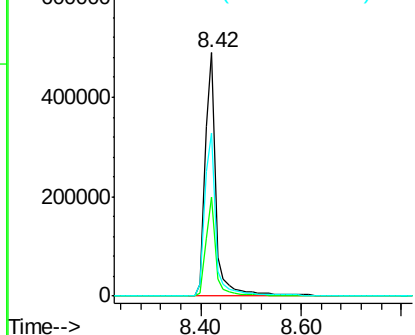


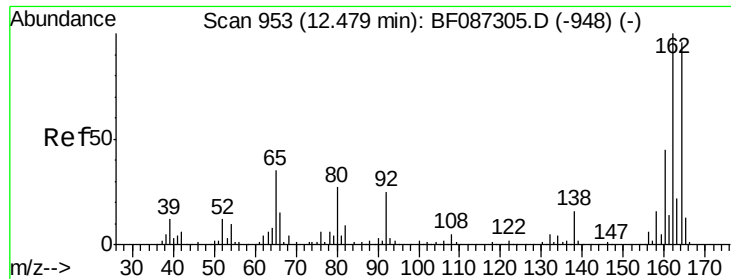
#23
Nitrobenzene-d5
Concen: 91.24 ng
RT: 8.42 min Scan# 598
Delta R.T. -0.02 min
Lab File: BF087415.D
Acq: 26 May 2016 18:58

Tgt Ion:	82	Resp:	743451
Ion	Ratio	Lower	Upper
82	100		
128	40.4	40.6	61.0#
54	67.0	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

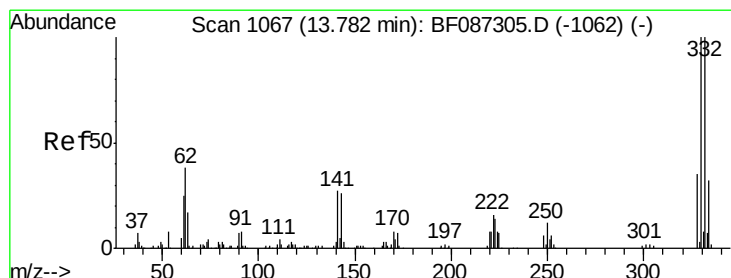
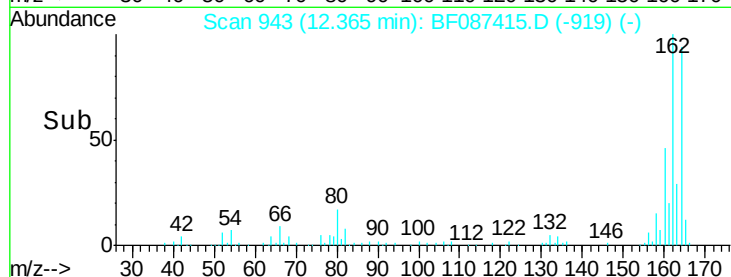
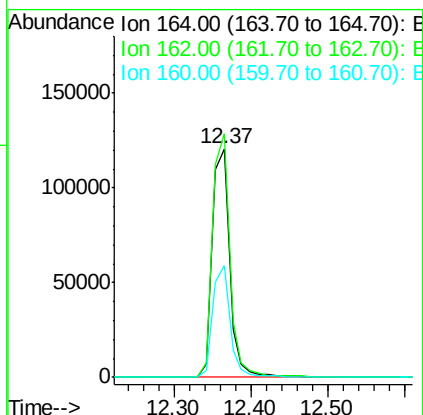
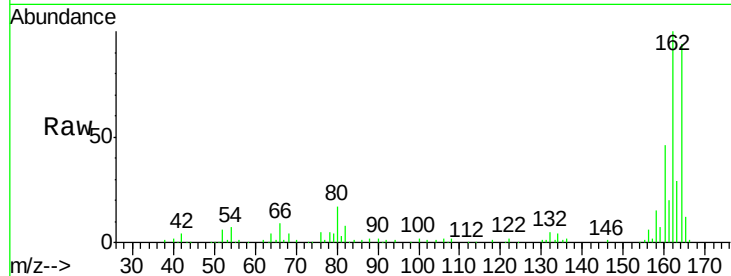




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.37 min Scan# 943
 Delta R.T. -0.02 min
 Lab File: BF087415.D
 Acq: 26 May 2016 18:58

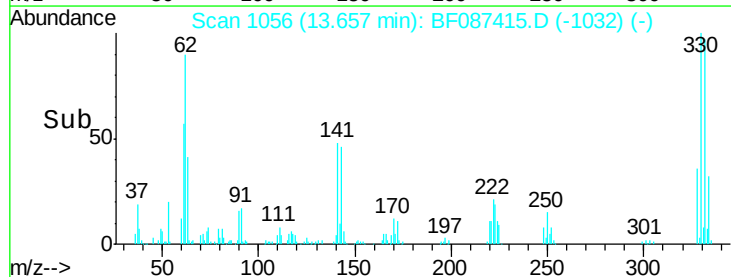
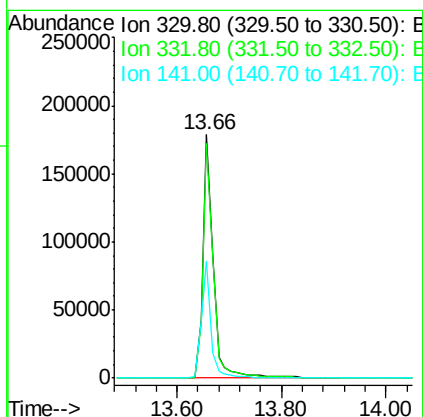
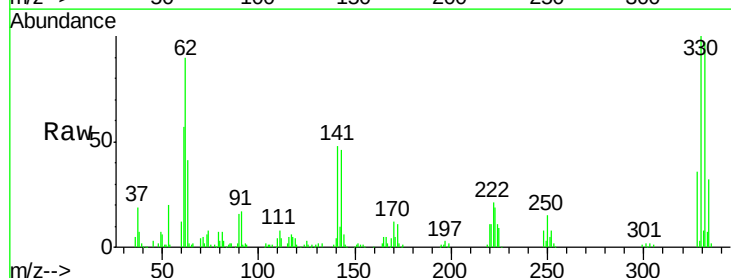
Instrument :
 BNA_F
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 PB90852BL

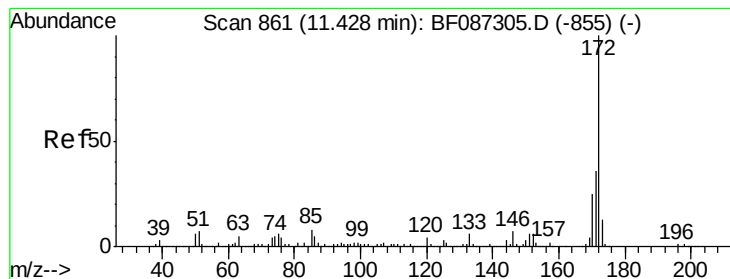
Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.5	82.8	124.2
160	48.8	36.9	55.3



#41
 2,4,6-Tribromophenol
 Concen: 135.11 ng
 RT: 13.66 min Scan# 1056
 Delta R.T. -0.02 min
 Lab File: BF087415.D
 Acq: 26 May 2016 18:58

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	79.0	118.4
141	45.7	31.2	46.8





#44

2-Fluorobiphenyl

Concen: 87.40 ng

RT: 11.31 min Scan# 851

Delta R.T. -0.02 min

Lab File: BF087415.D

Acq: 26 May 2016 18:58

Instrument :

BNA_F

ClientSampleId :

PB90852BL

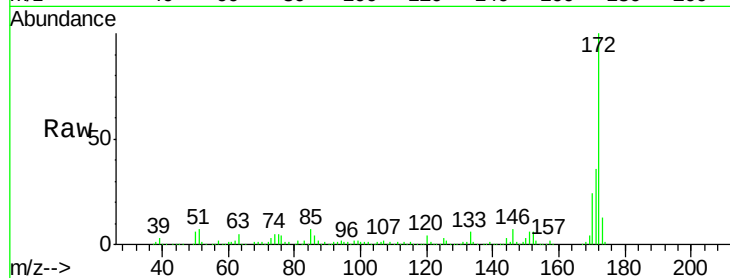
Tgt Ion:172 Resp: 1186381

Ion Ratio Lower Upper

172 100

171 35.9 29.0 43.6

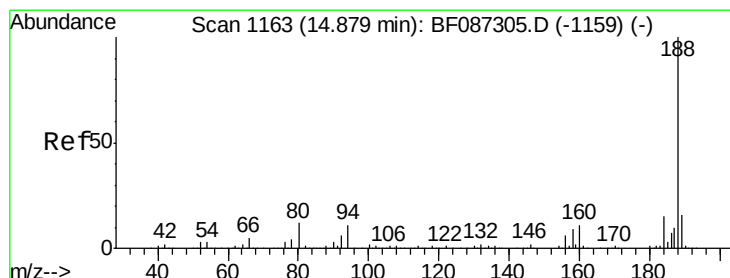
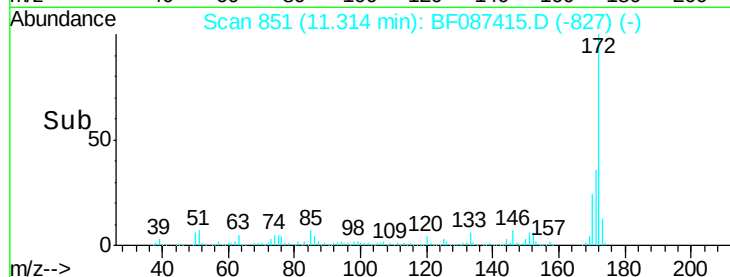
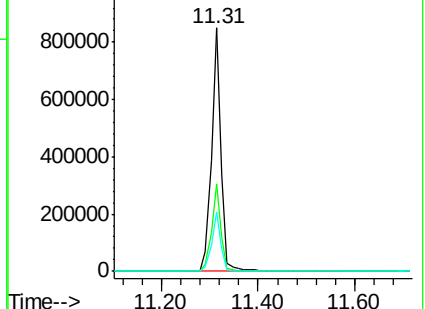
170 24.3 19.8 29.8



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.77 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF087415.D

Acq: 26 May 2016 18:58

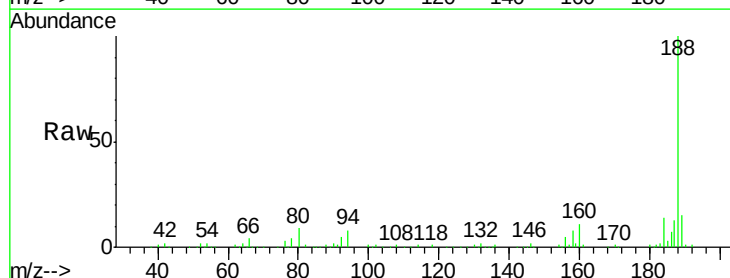
Tgt Ion:188 Resp: 388580

Ion Ratio Lower Upper

188 100

94 8.4 6.8 10.2

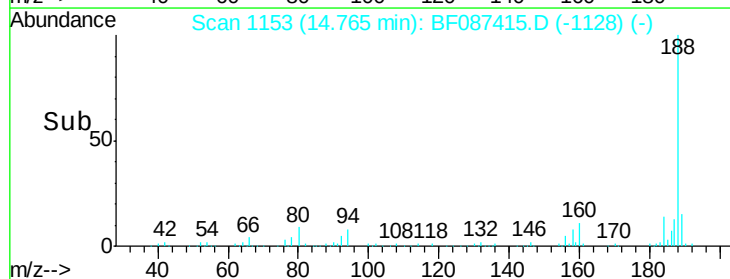
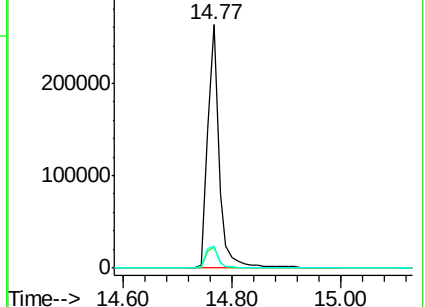
80 9.3 7.1 10.7

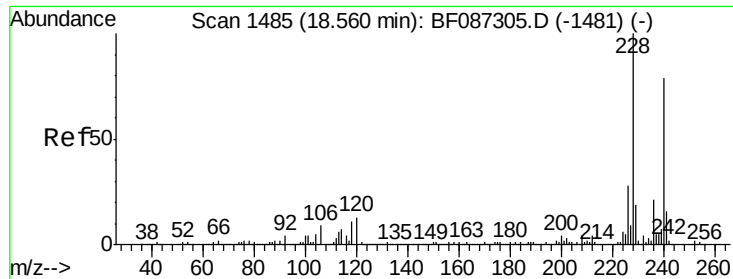


Abundance Ion 188.00 (187.70 to 188.70): E

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: 18.46 min Scan# 1476

Delta R.T. -0.02 min

Lab File: BF087415.D

Acq: 26 May 2016 18:58

Instrument :

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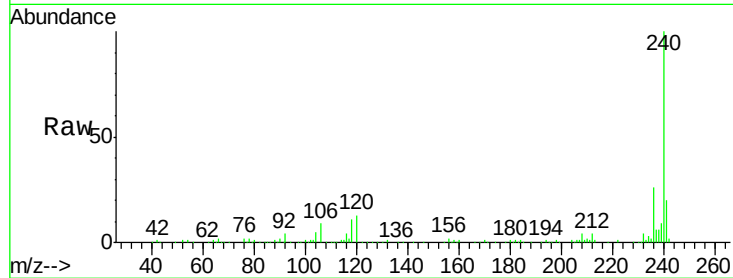
Tgt Ion:240 Resp: 322093

Ion Ratio Lower Upper

240 100

120 12.7 11.2 16.8

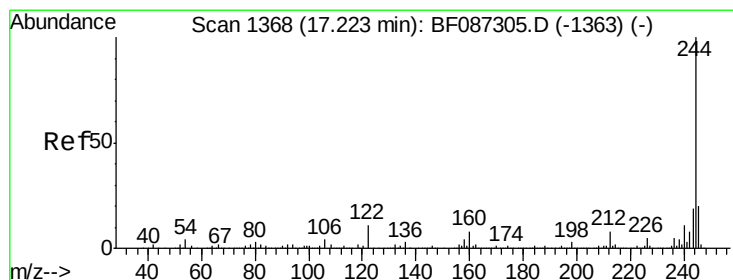
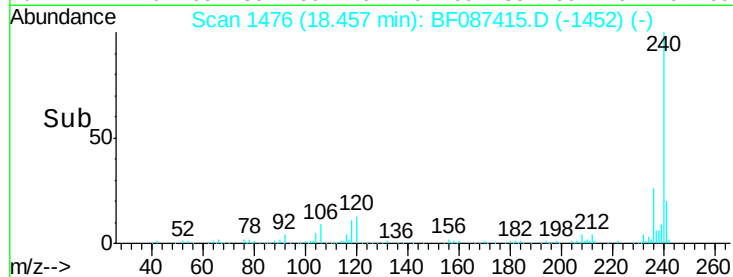
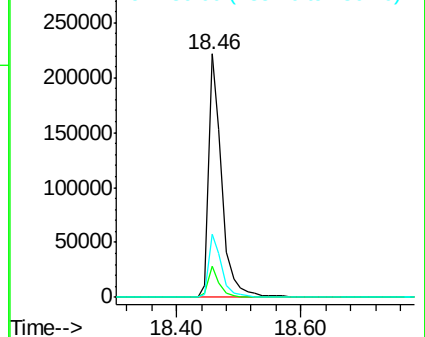
236 26.1 21.2 31.8



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: 80.54 ng

RT: 17.12 min Scan# 1359

Delta R.T. -0.01 min

Lab File: BF087415.D

Acq: 26 May 2016 18:58

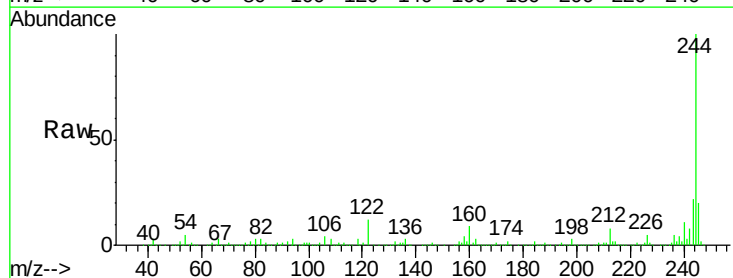
Tgt Ion:244 Resp: 1220174

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

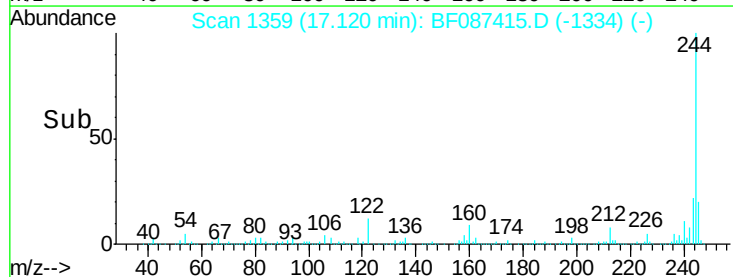
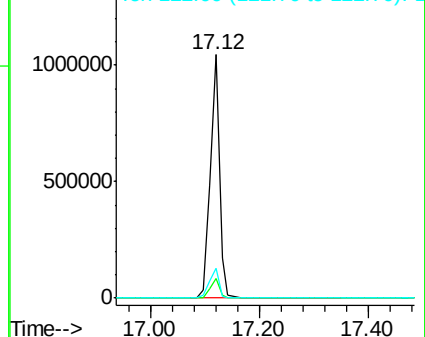
122 12.3 12.0 18.0

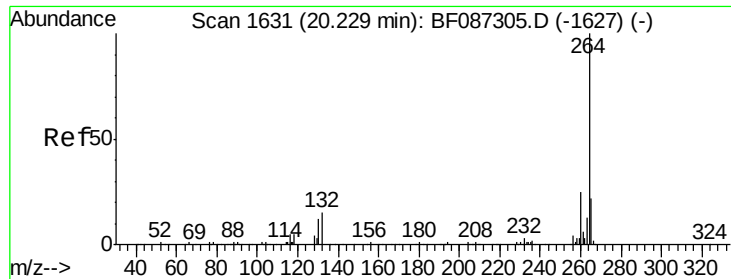


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF087415.D
Acq: 26 May 2016 18:58

Instrument :
BNA_F
ClientSampleId :
PB90852BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	20.8	17.3	25.9

