

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052616\
 Data File : BF087419.D
 Acq On : 26 May 2016 21:17
 Operator : UM/SJ
 Sample : PB90910BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90910BL

Quant Time: May 27 01:29:33 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

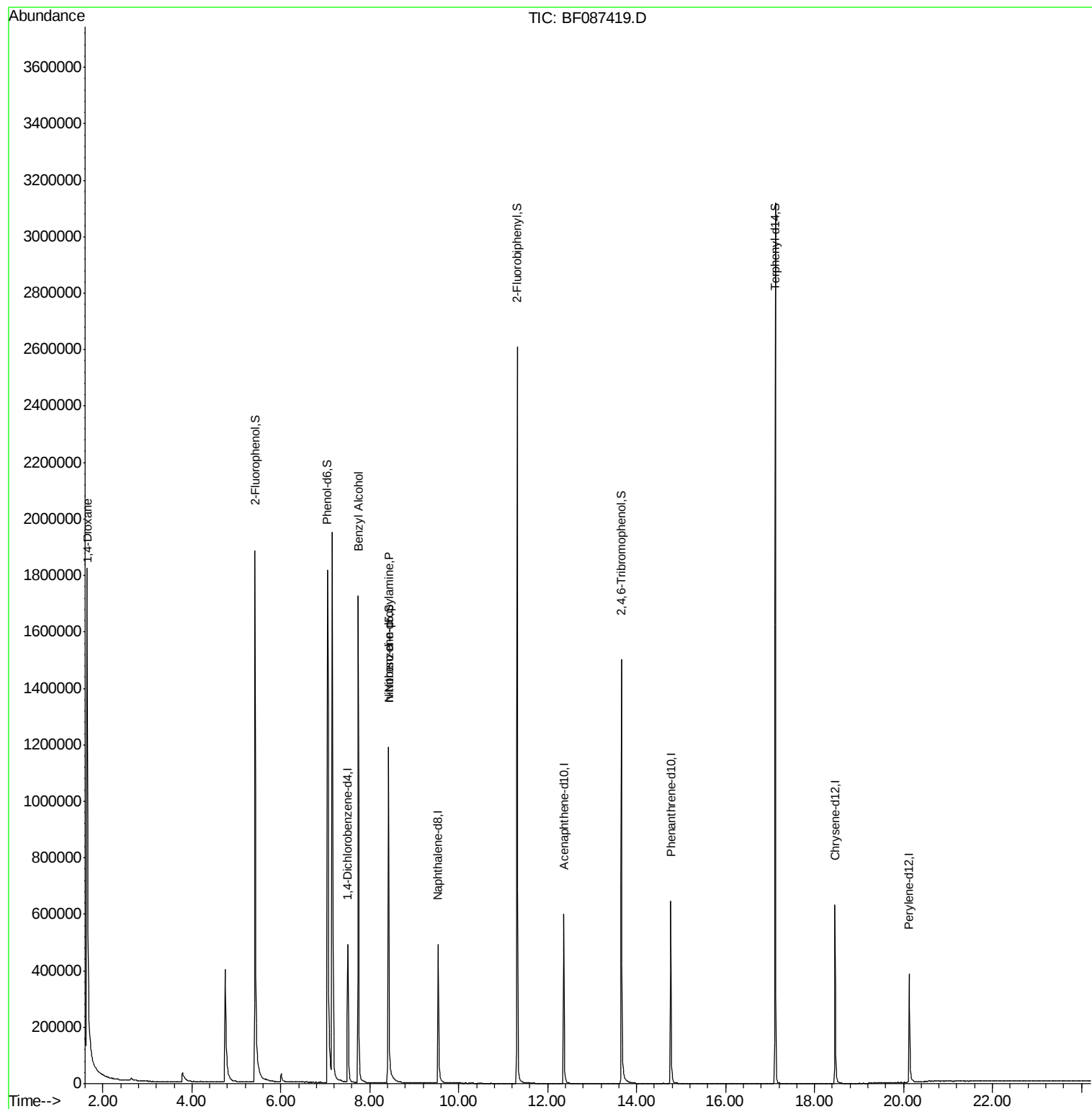
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	97882	20.00	ng	-0.01
21) Naphthalene-d8	9.53	136	397632	20.00	ng	-0.02
38) Acenaphthene-d10	12.37	164	184820	20.00	ng	-0.02
63) Phenanthrene-d10	14.77	188	381943	20.00	ng	-0.01
75) Chrysene-d12	18.46	240	313044	20.00	ng	-0.02
86) Perylene-d12	20.13	264	213983	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	723722	129.92	ng	0.00
7) Phenol-d6	7.05	99	946168	125.70	ng	-0.02
23) Nitrobenzene-d5	8.42	82	636986	80.74	ng	-0.02
41) 2,4,6-Tribromophenol	13.66	330	218290	122.91	ng	-0.02
44) 2-Fluorobiphenyl	11.31	172	1045739	79.77	ng	-0.02
78) Terphenyl-d14	17.12	244	1126190	76.48	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	1.64	88	79040	26.89	ng	# 22
15) Benzyl Alcohol	7.74	79	11055	2.01	ng	# 45
19) n-Nitroso-di-n-propylamine	8.42	70	84280	15.01	ng	# 77

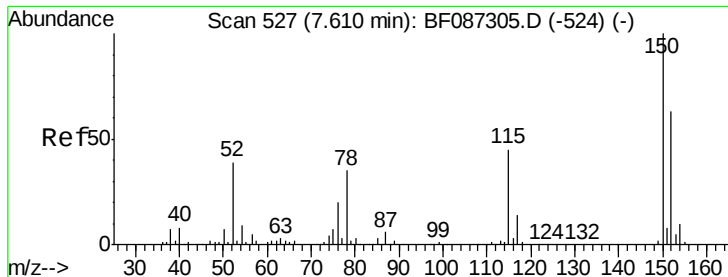
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF087419.D

Acq: 26 May 2016 21:17

Instrument :

BNA_F

ClientSampleId :

PB90910BL

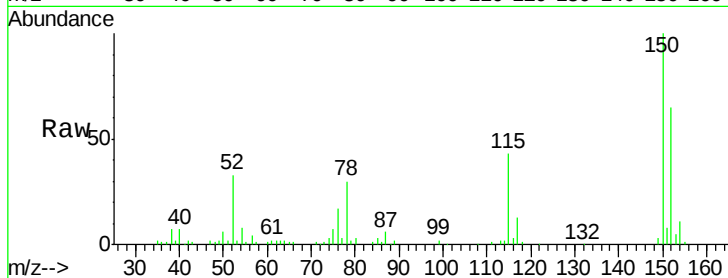
Tgt Ion:152 Resp: 97882

Ion Ratio Lower Upper

152 100

150 154.1 125.8 188.6

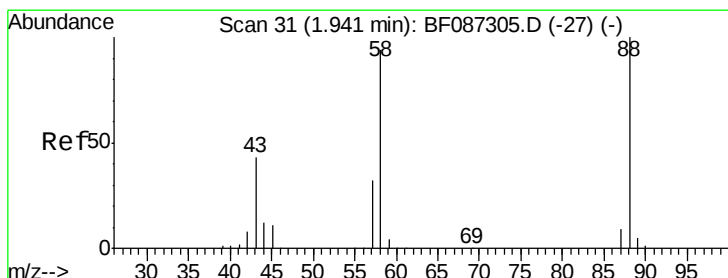
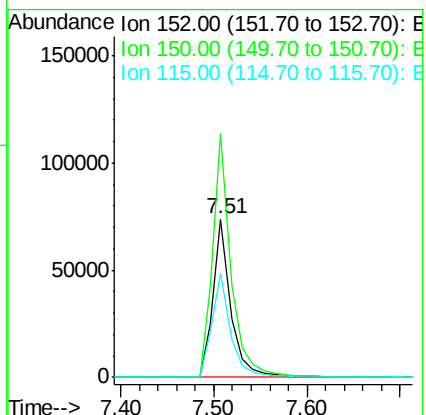
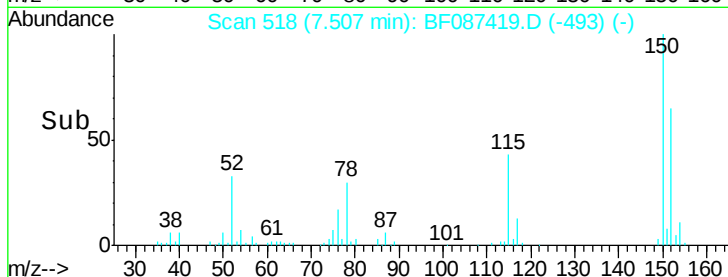
115 65.5 51.5 77.3



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



#2

1,4-Dioxane

Concen: 26.89 ng

RT: 1.64 min Scan# 5

Delta R.T. -0.17 min

Lab File: BF087419.D

Acq: 26 May 2016 21:17

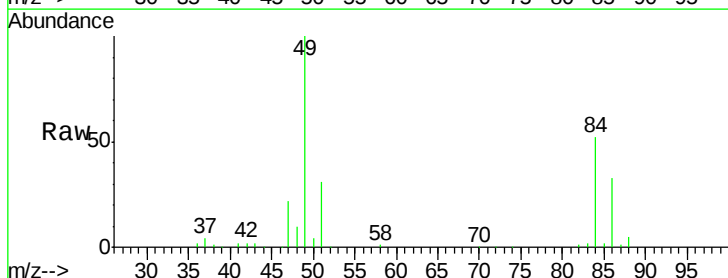
Tgt Ion: 88 Resp: 79040

Ion Ratio Lower Upper

88 100

58 0.0 59.6 89.4#

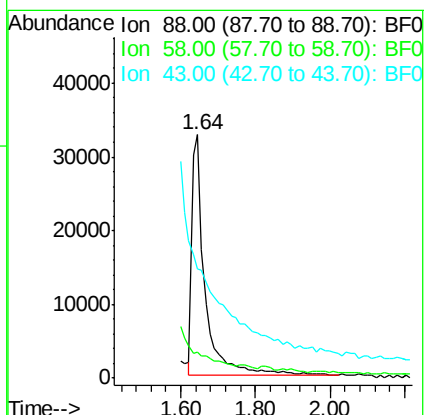
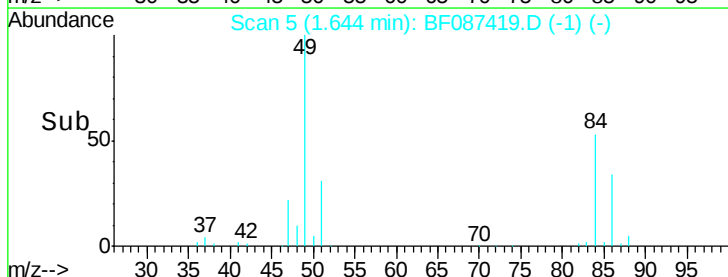
43 0.0 21.8 32.6#

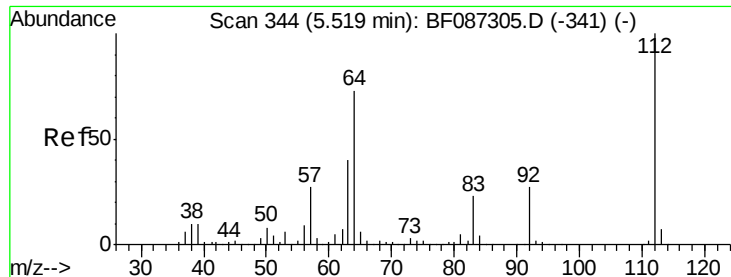


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 129.92 ng

RT: 5.42 min Scan# 335

Delta R.T. 0.00 min

Lab File: BF087419.D

Acq: 26 May 2016 21:17

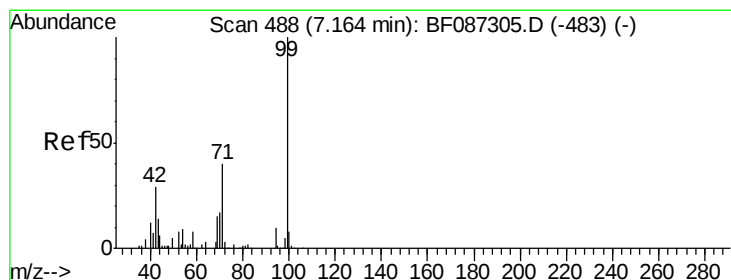
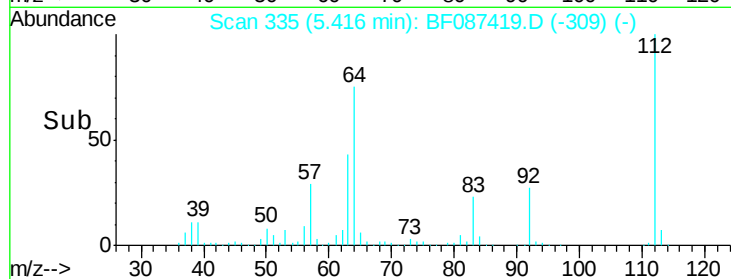
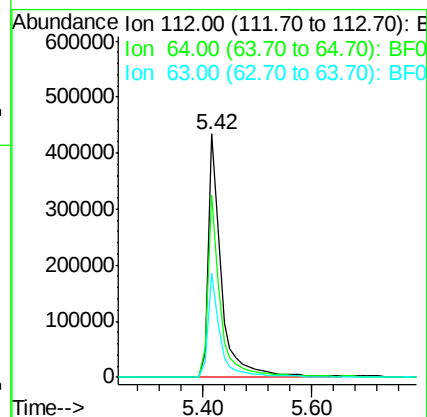
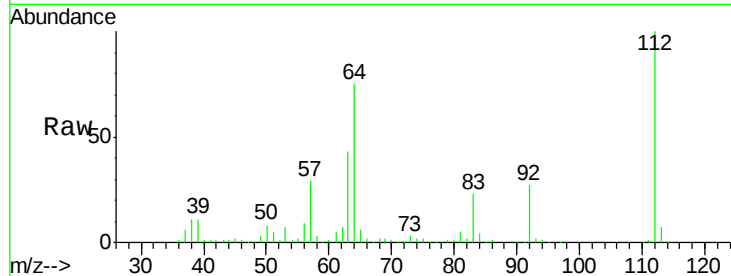
Instrument :

BNA_F

ClientSampleId :

PB90910BL

Tgt Ion:	112	Resp:	723722
Ion	Ratio	Lower	Upper
112	100		
64	75.1	52.1	78.1
63	42.6	25.7	38.5#



#7

Phenol-d6

Concen: 125.70 ng

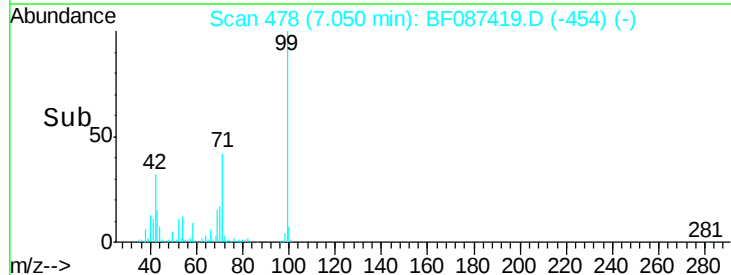
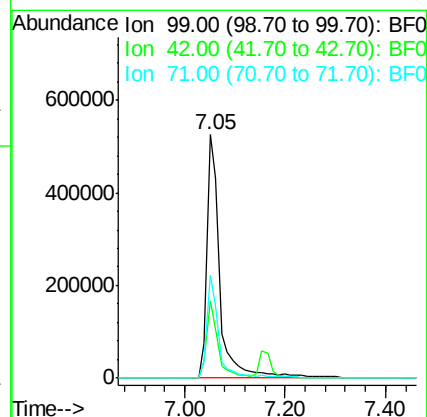
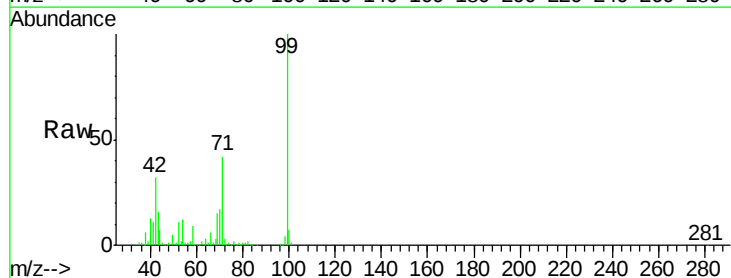
RT: 7.05 min Scan# 478

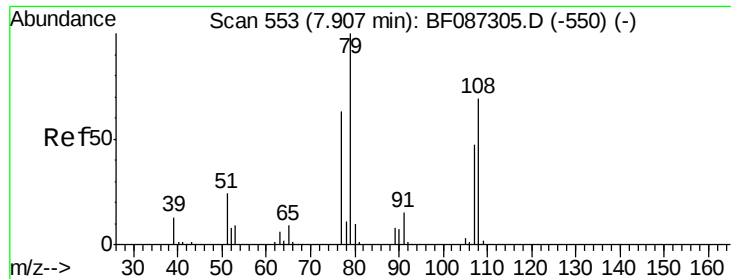
Delta R.T. -0.02 min

Lab File: BF087419.D

Acq: 26 May 2016 21:17

Tgt Ion:	99	Resp:	946168
Ion	Ratio	Lower	Upper
99	100		
42	31.8	13.6	20.4#
71	42.3	24.6	36.8#





#15

Benzyl Alcohol

Concen: 2.01 ng

RT: 7.74 min Scan# 538

Delta R.T. -0.08 min

Lab File: BF087419.D

Acq: 26 May 2016 21:17

Instrument :

BNA_F

ClientSampleId :

PB90910BL

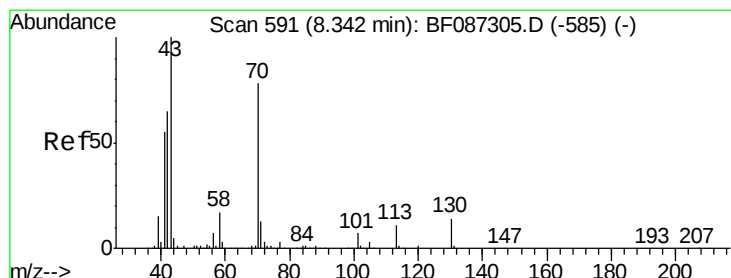
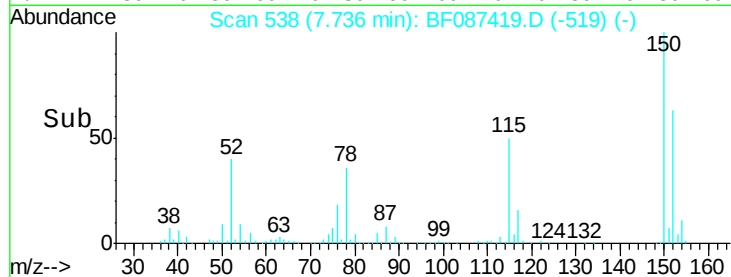
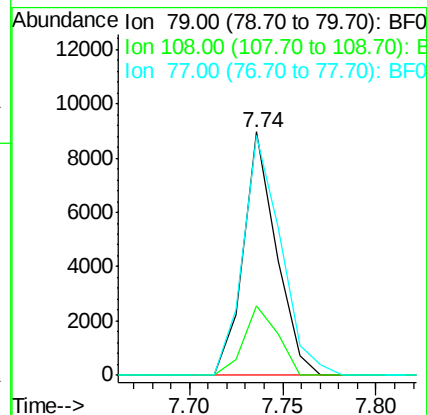
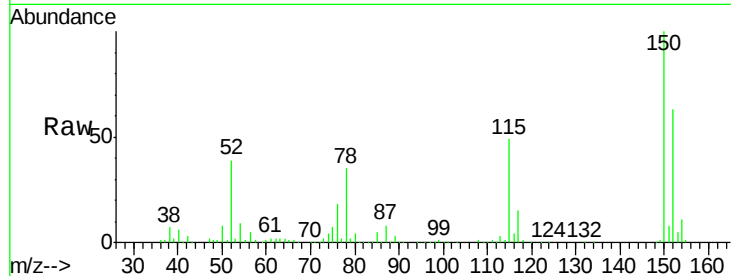
Tgt Ion: 79 Resp: 11055

Ion Ratio Lower Upper

79 100

108 28.3 68.4 102.6#

77 98.7 50.6 76.0#



#19

n-Nitroso-di-n-propylamine

Concen: 15.01 ng

RT: 8.42 min Scan# 598

Delta R.T. 0.17 min

Lab File: BF087419.D

Acq: 26 May 2016 21:17

Tgt Ion: 70 Resp: 84280

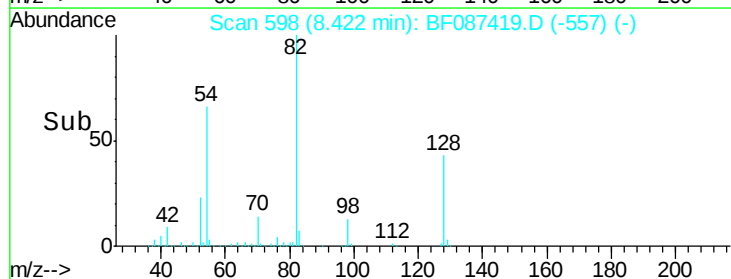
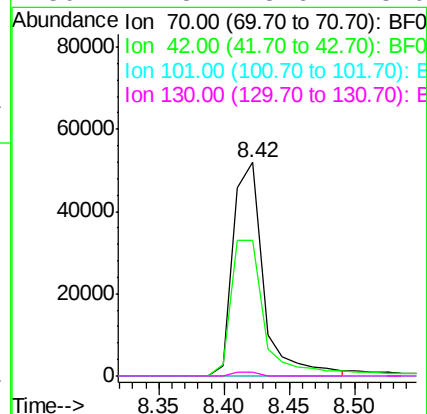
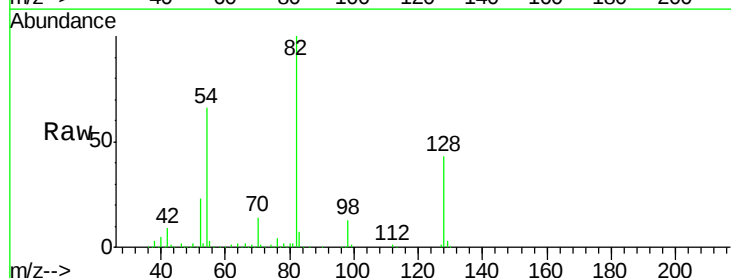
Ion Ratio Lower Upper

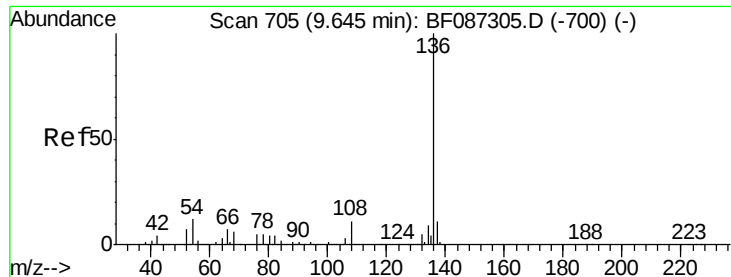
70 100

42 63.5 43.1 64.7

101 0.0 8.1 12.1#

130 1.8 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: BF087419.D

Acq: 26 May 2016 21:17

Instrument :

BNA_F

ClientSampleId :

PB90910BL

Tgt Ion:136 Resp: 397632

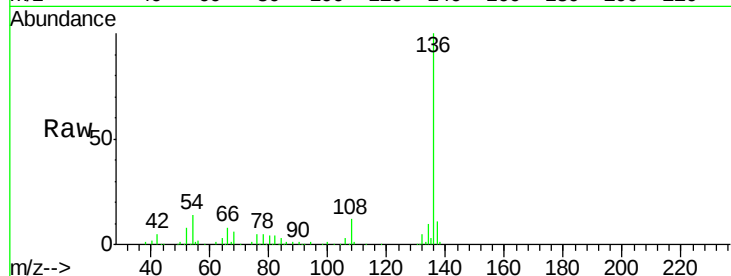
Ion Ratio Lower Upper

136 100

137 11.5 8.8 13.2

54 13.5 5.0 7.4#

68 6.2 4.4 6.6

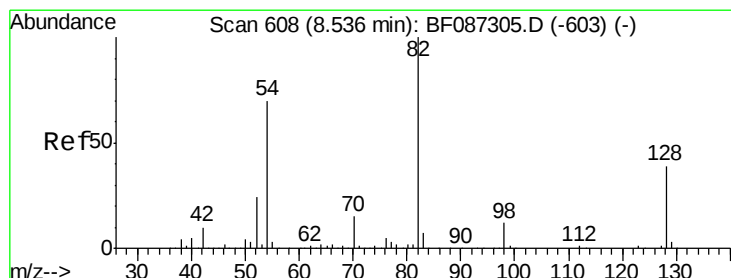
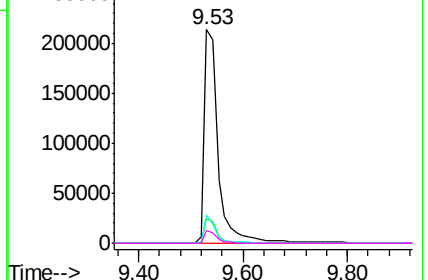
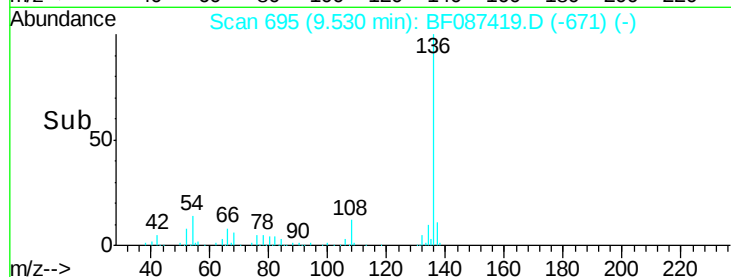


Abundance Ion 136.00 (135.70 to 136.70): E

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: 80.74 ng

RT: 8.42 min Scan# 598

Delta R.T. -0.02 min

Lab File: BF087419.D

Acq: 26 May 2016 21:17

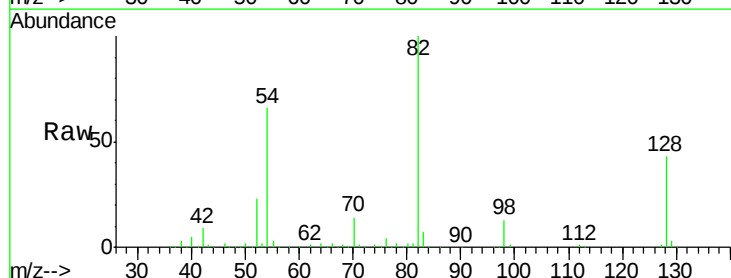
Tgt Ion: 82 Resp: 636986

Ion Ratio Lower Upper

82 100

128 42.8 40.6 61.0

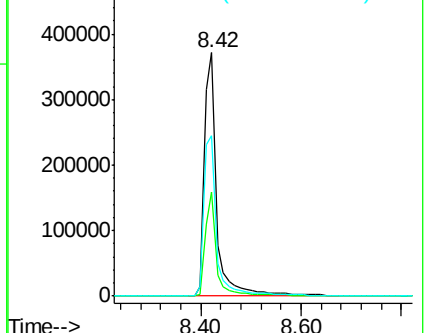
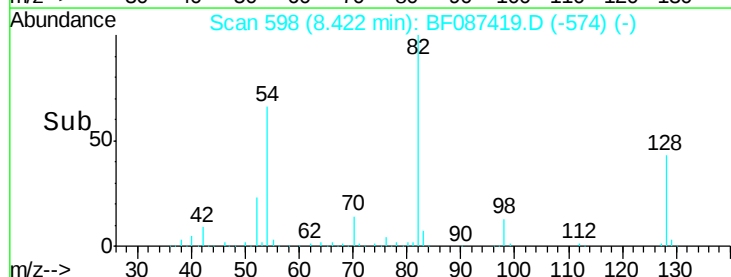
54 65.8 38.1 57.1#

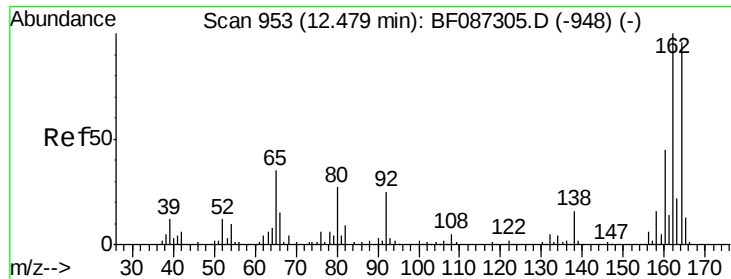


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

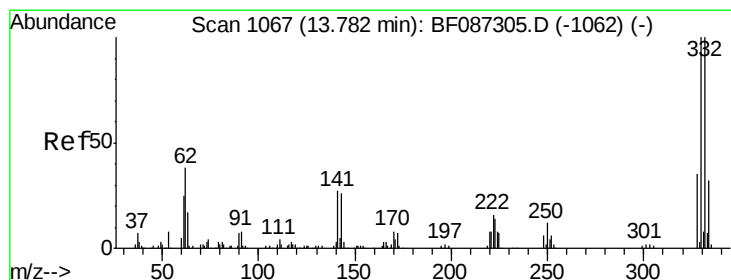
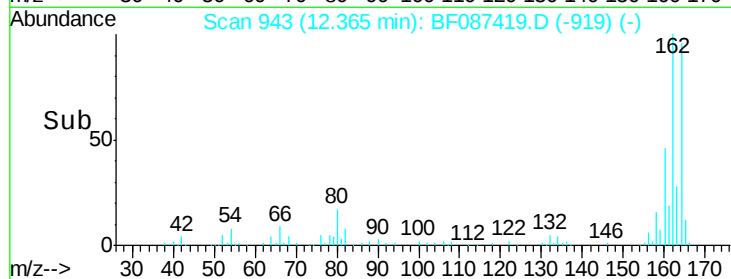
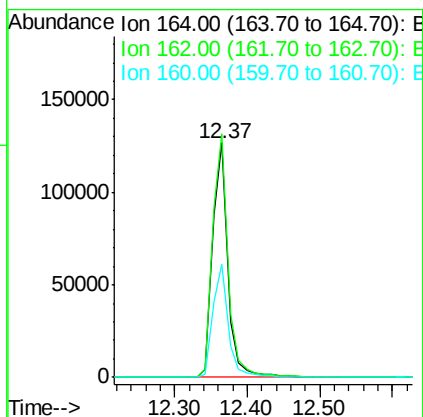
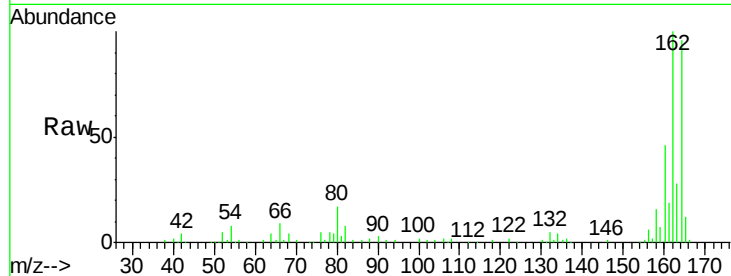




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.37 min Scan# 943
 Delta R.T. -0.02 min
 Lab File: BF087419.D
 Acq: 26 May 2016 21:17

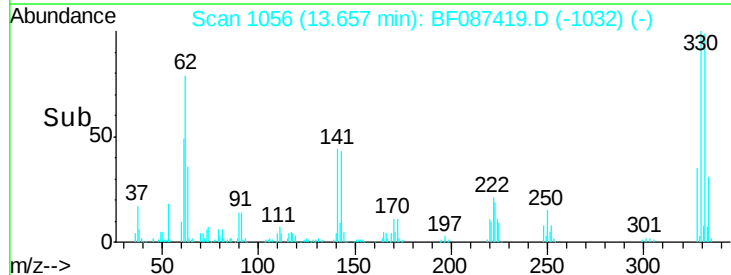
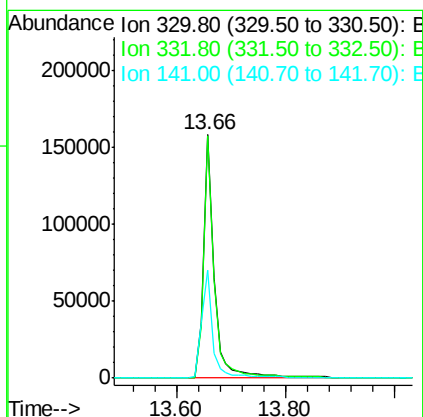
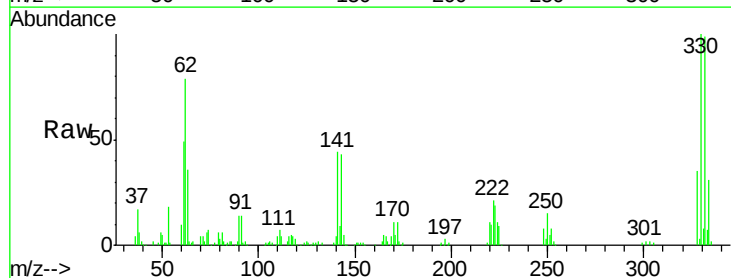
Instrument :
 BNA_F
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 PB90910BL

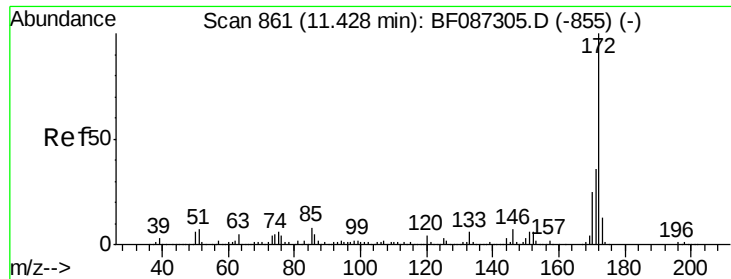
Tgt Ion:164 Resp: 184820
 Ion Ratio Lower Upper
 164 100
 162 103.9 82.8 124.2
 160 48.1 36.9 55.3



#41
 2,4,6-Tribromophenol
 Concen: 122.91 ng
 RT: 13.66 min Scan# 1056
 Delta R.T. -0.02 min
 Lab File: BF087419.D
 Acq: 26 May 2016 21:17

Tgt Ion:330 Resp: 218290
 Ion Ratio Lower Upper
 330 100
 332 98.0 79.0 118.4
 141 45.9 31.2 46.8





#44

2-Fluorobiphenyl

Concen: 79.77 ng

RT: 11.31 min Scan# 851

Delta R.T. -0.02 min

Lab File: BF087419.D

Acq: 26 May 2016 21:17

Instrument :

BNA_F

ClientSampleId :

PB90910BL

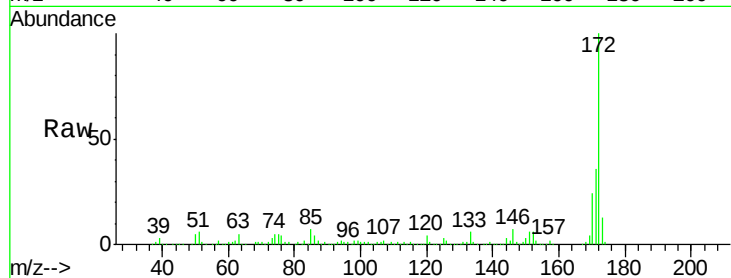
Tgt Ion:172 Resp: 1045739

Ion Ratio Lower Upper

172 100

171 35.9 29.0 43.6

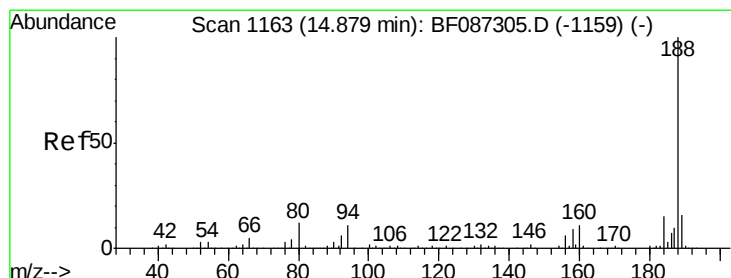
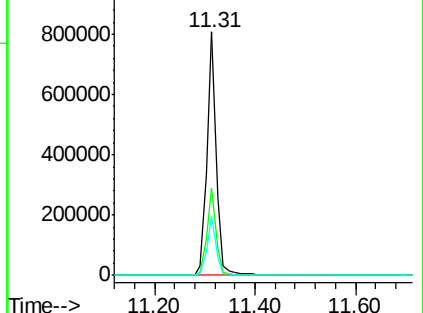
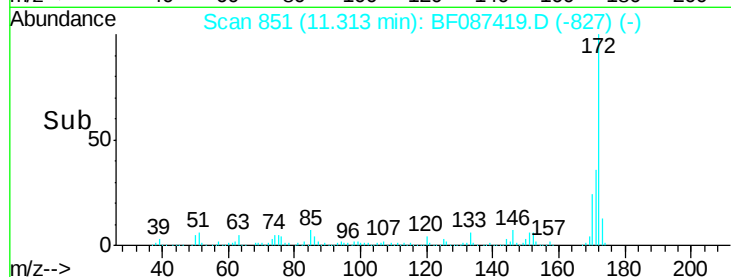
170 24.1 19.8 29.8



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: BF087419.D

Acq: 26 May 2016 21:17

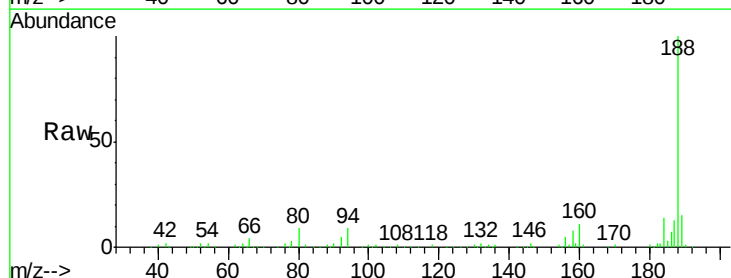
Tgt Ion:188 Resp: 381943

Ion Ratio Lower Upper

188 100

94 8.5 6.8 10.2

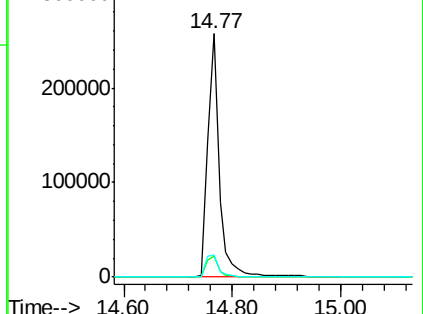
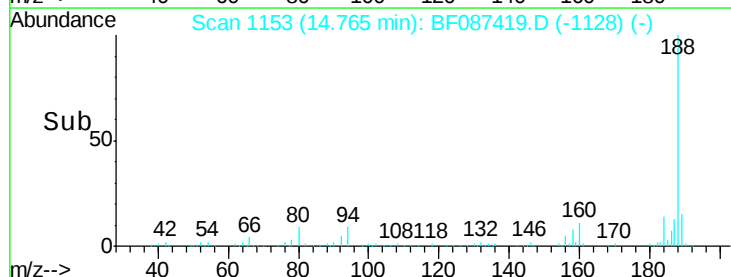
80 9.0 7.1 10.7

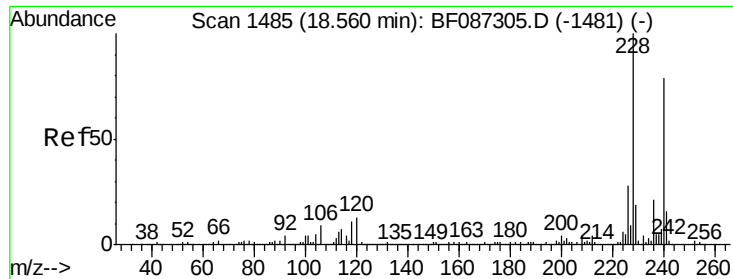


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

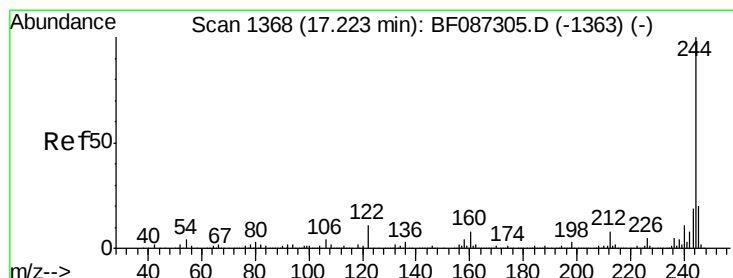
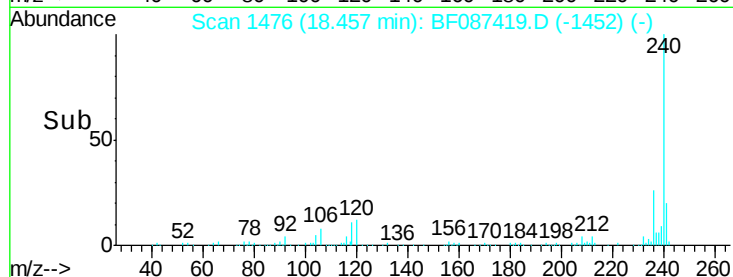
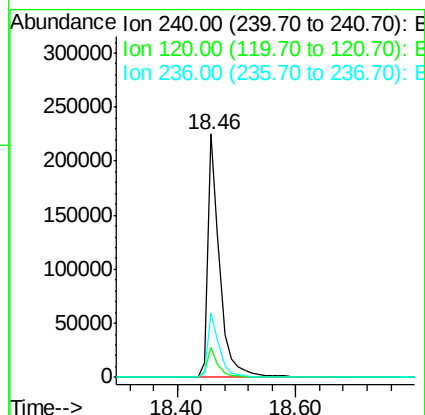
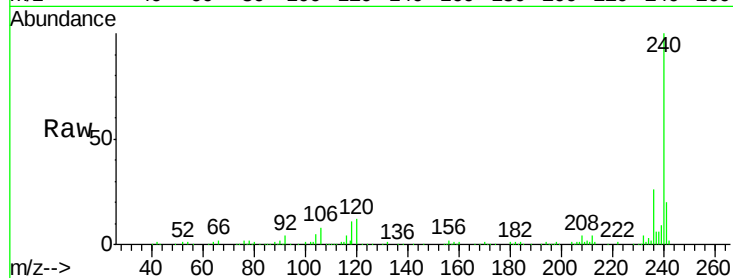




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.46 min Scan# 1476
 Delta R.T. -0.02 min
 Lab File: BF087419.D
 Acq: 26 May 2016 21:17

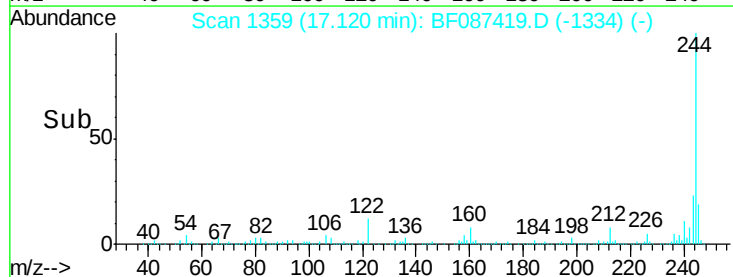
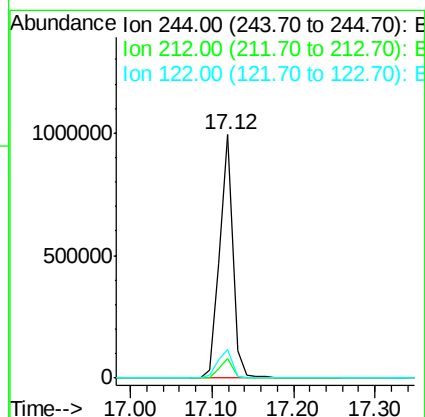
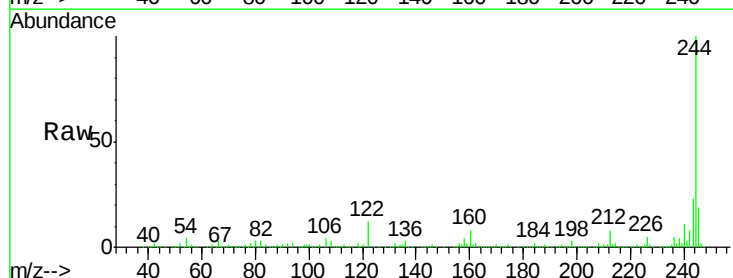
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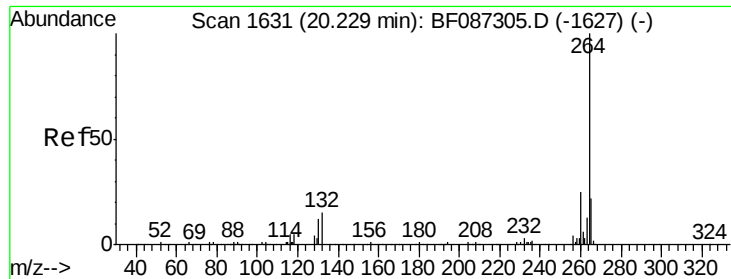
Tgt Ion:240 Resp: 313044
 Ion Ratio Lower Upper
 240 100
 120 12.4 11.2 16.8
 236 26.4 21.2 31.8



#78
 Terphenyl-d14
 Concen: 76.48 ng
 RT: 17.12 min Scan# 1359
 Delta R.T. -0.01 min
 Lab File: BF087419.D
 Acq: 26 May 2016 21:17

Tgt Ion:244 Resp: 1126190
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 11.6 12.0 18.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 20.13 min Scan# 1622
Delta R.T. -0.01 min
Lab File: BF087419.D
Acq: 26 May 2016 21:17

Instrument :
BNA_F
ClientSampleId :
PB90910BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.5	29.3
265	21.4	17.3	25.9

