

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052616\
 Data File : BF087414.D
 Acq On : 26 May 2016 18:23
 Operator : UM/SJ
 Sample : H3233-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 052016-P42-E-U-M

Quant Time: May 27 01:28:37 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

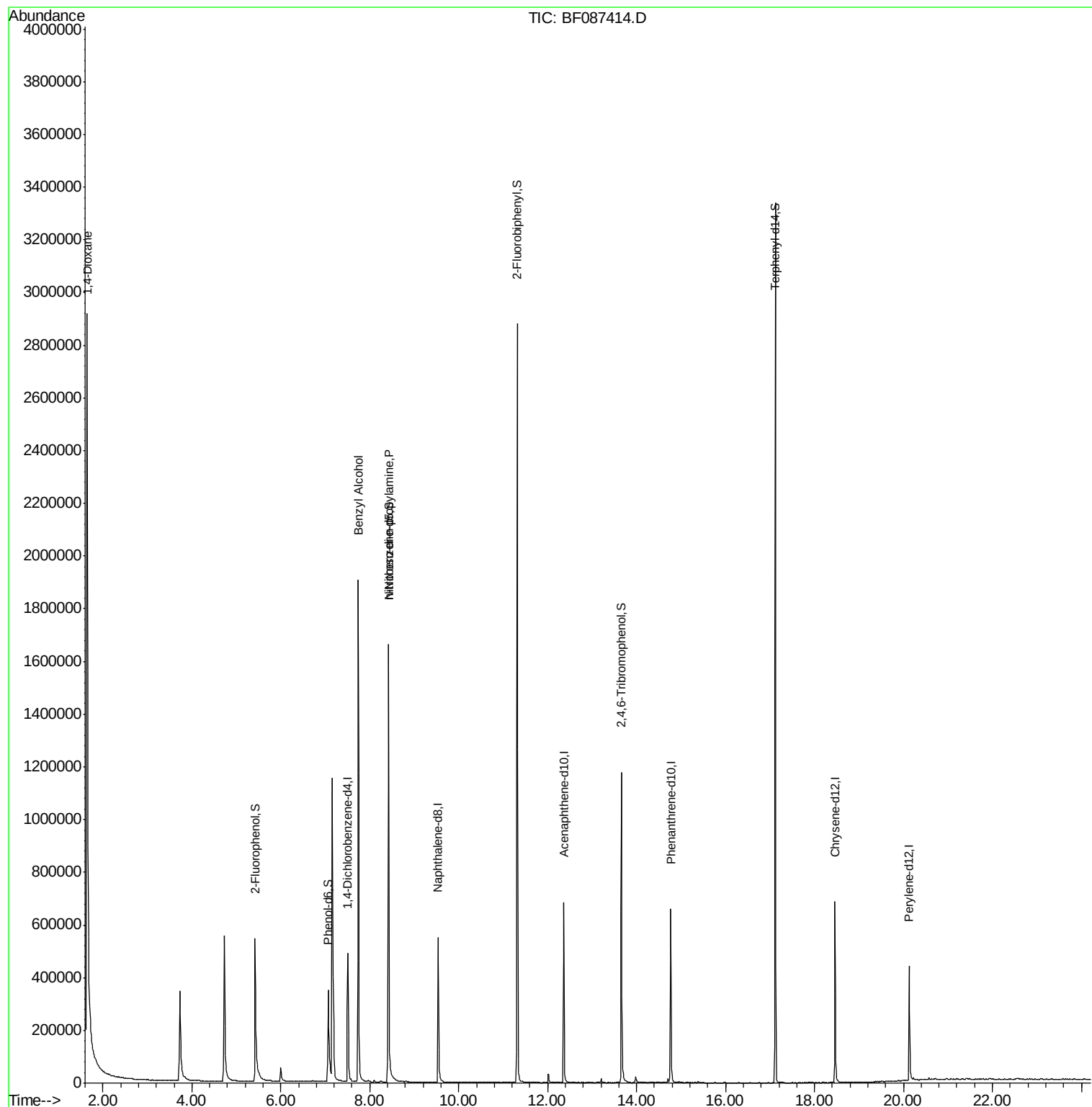
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	102876	20.00	ng	-0.01
21) Naphthalene-d8	9.53	136	416162	20.00	ng	-0.02
38) Acenaphthene-d10	12.37	164	192359	20.00	ng	-0.02
63) Phenanthrene-d10	14.77	188	381626	20.00	ng	-0.01
75) Chrysene-d12	18.46	240	313966	20.00	ng	-0.02
86) Perylene-d12	20.13	264	224731	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	275932	47.13	ng	0.00
7) Phenol-d6	7.06	99	235579	29.78	ng	-0.01
23) Nitrobenzene-d5	8.42	82	762141	92.30	ng	-0.02
41) 2,4,6-Tribromophenol	13.66	330	168374	91.09	ng	-0.02
44) 2-Fluorobiphenyl	11.31	172	1224714	89.76	ng	-0.02
78) Terphenyl-d14	17.12	244	1172613	79.40	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	1.64	88	127445	41.25	ng	# 22
15) Benzyl Alcohol	7.74	79	12718	2.21	ng	# 45
19) n-Nitroso-di-n-propylamine	8.42	70	104091	17.64	ng	# 75

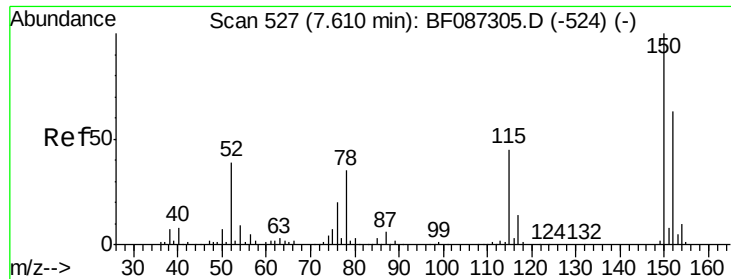
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF087414.D

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ClientSampleId :

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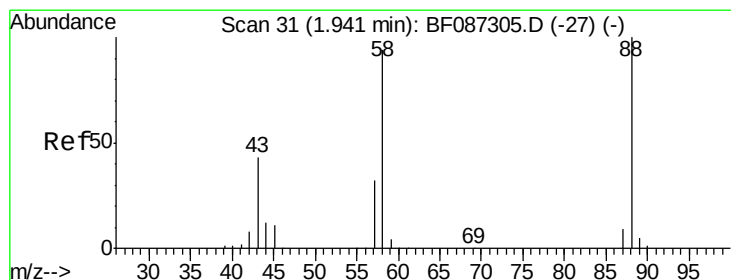
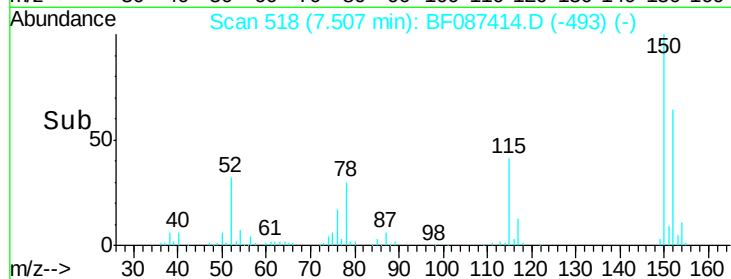
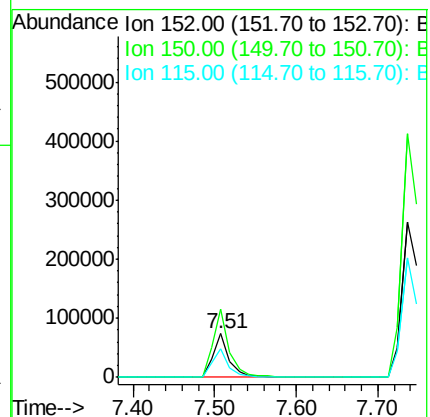
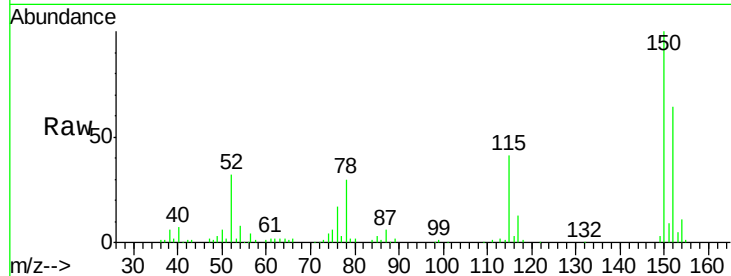
Tgt Ion: 152 Resp: 102876

Ion Ratio Lower Upper

152 100

150 157.4 125.8 188.6

115 64.4 51.5 77.3



#2

1,4-Dioxane

Concen: 41.25 ng

RT: 1.64 min Scan# 5

Delta R.T. -0.17 min

Lab File: BF087414.D

Acq: 26 May 2016 18:23

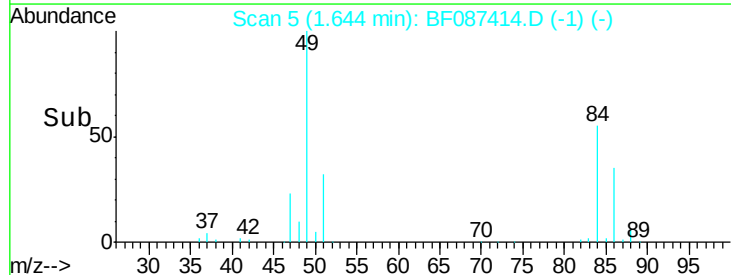
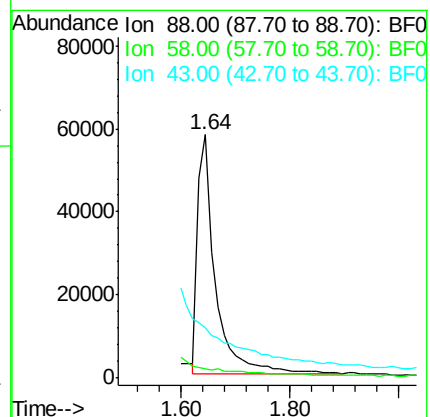
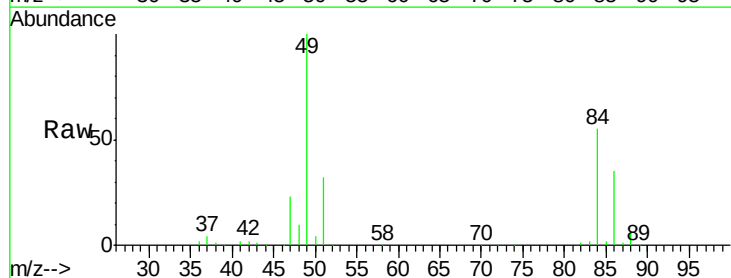
Tgt Ion: 88 Resp: 127445

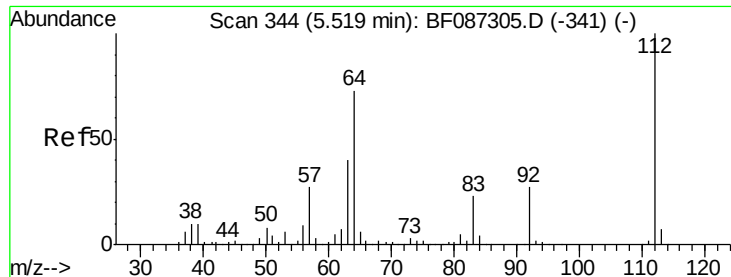
Ion Ratio Lower Upper

88 100

58 0.0 59.6 89.4#

43 0.0 21.8 32.6#

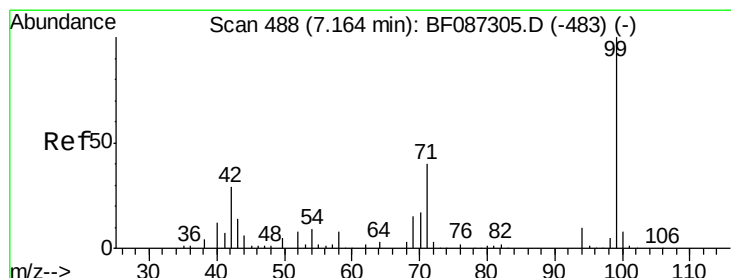
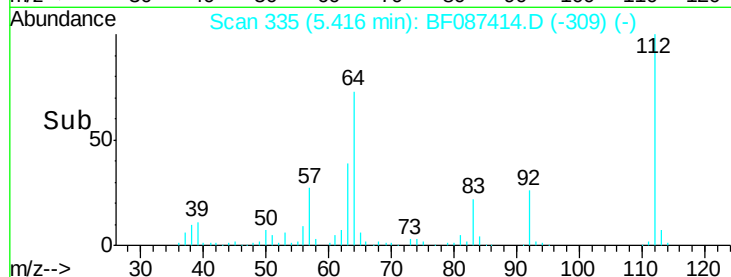
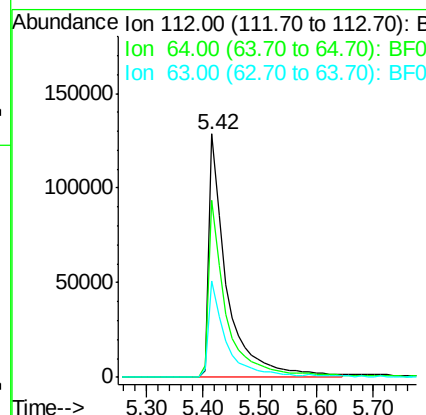
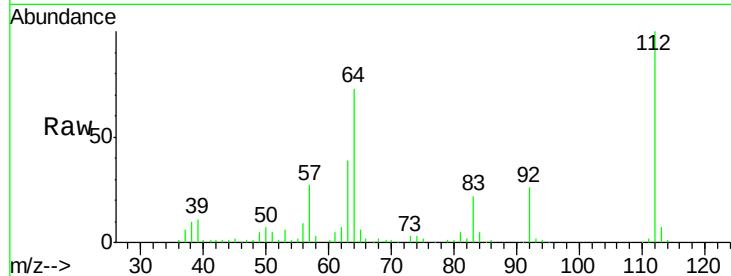




#5
 2-Fluorophenol
 Concen: 47.13 ng
 RT: 5.42 min Scan# 335
 Delta R.T. 0.00 min
 Lab File: BF087414.D
 Acq: 26 May 2016 18:23

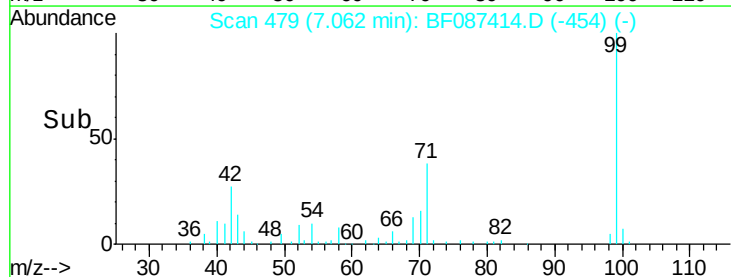
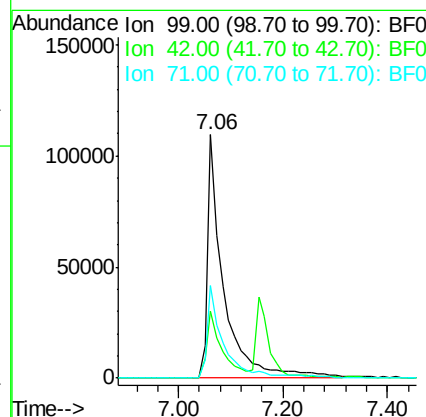
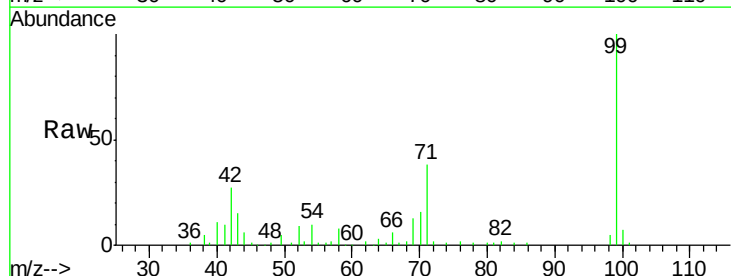
Instrument :
 BNA_F
 ClientSampleId :
 052016-P42-E-U-M

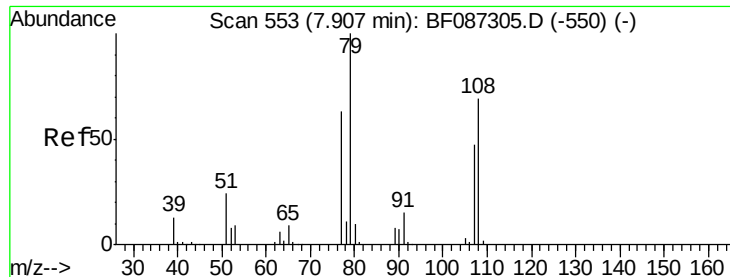
Tgt Ion: 112 Resp: 275932
 Ion Ratio Lower Upper
 112 100
 64 72.6 52.1 78.1
 63 39.5 25.7 38.5#



#7
 Phenol-d6
 Concen: 29.78 ng
 RT: 7.06 min Scan# 479
 Delta R.T. -0.01 min
 Lab File: BF087414.D
 Acq: 26 May 2016 18:23

Tgt Ion: 99 Resp: 235579
 Ion Ratio Lower Upper
 99 100
 42 27.3 13.6 20.4#
 71 38.0 24.6 36.8#





#15

Benzyl Alcohol

Concen: 2.21 ng

RT: 7.74 min Scan# 538

Delta R.T. -0.08 min

Lab File: BF087414.D

Acq: 26 May 2016 18:23

Instrument :

BNA_F

ClientSampleId :

052016-P42-E-U-M

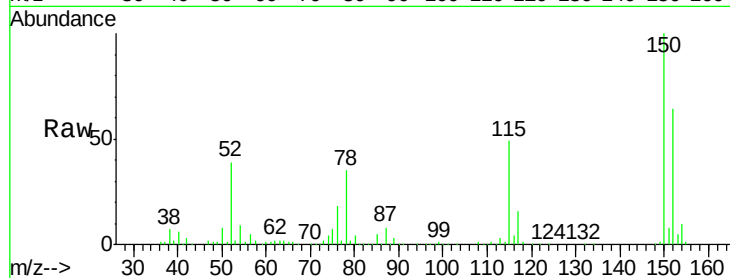
Tgt Ion: 79 Resp: 12718

Ion Ratio Lower Upper

79 100

108 32.0 68.4 102.6#

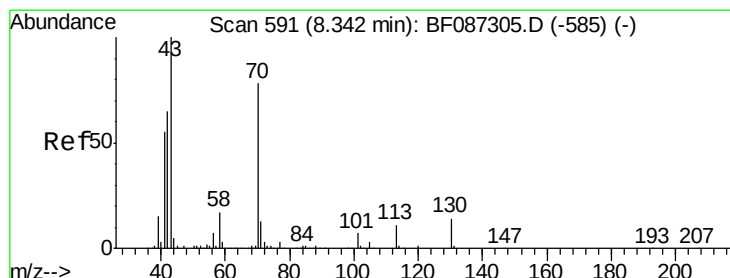
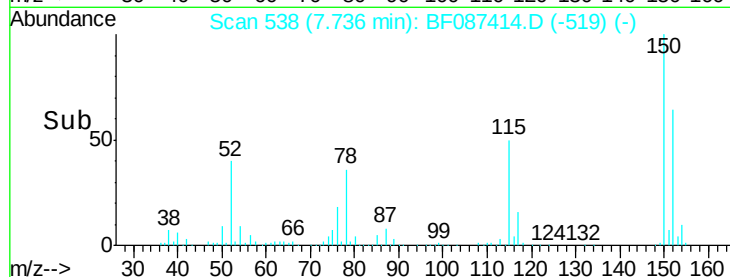
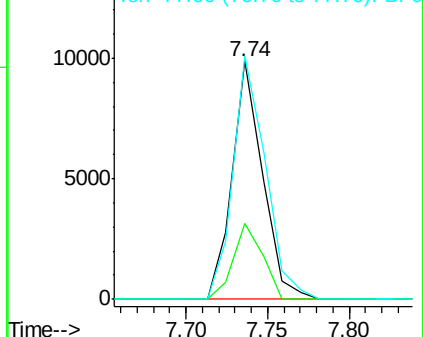
77 102.3 50.6 76.0#



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: 17.64 ng

RT: 8.42 min Scan# 598

Delta R.T. 0.17 min

Lab File: BF087414.D

Acq: 26 May 2016 18:23

Tgt Ion: 70 Resp: 104091

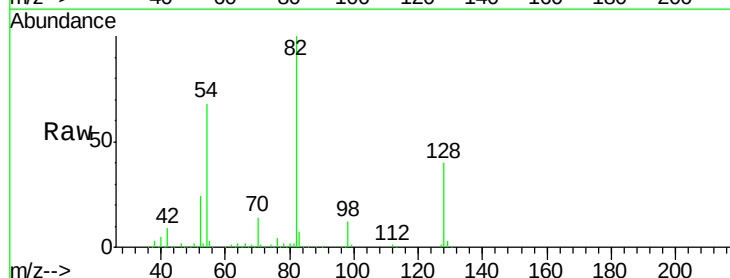
Ion Ratio Lower Upper

70 100

42 65.7 43.1 64.7#

101 0.0 8.1 12.1#

130 1.8 18.6 28.0#

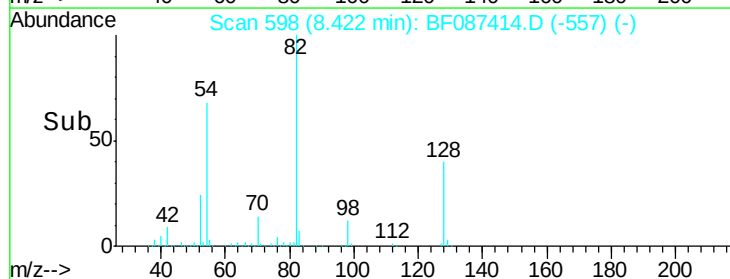
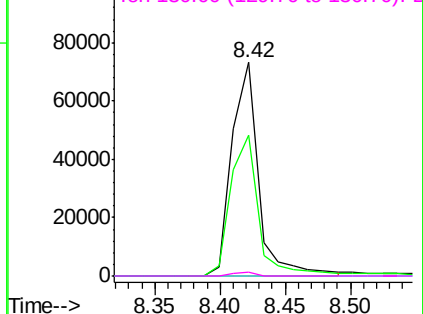


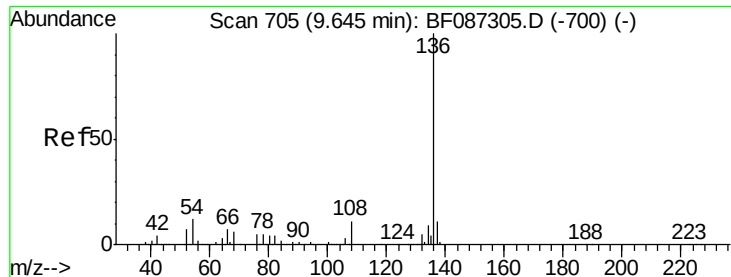
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

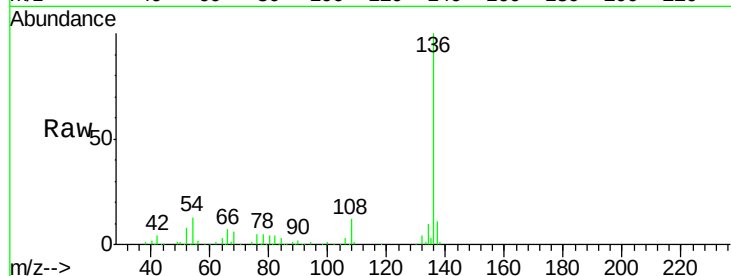




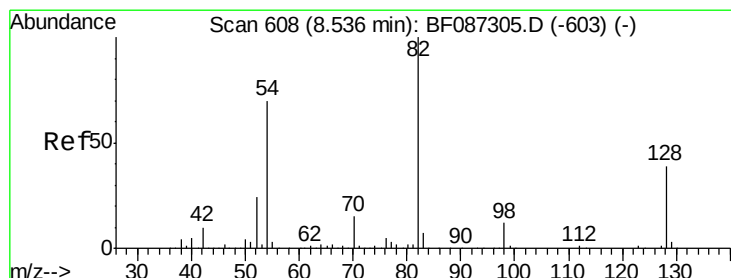
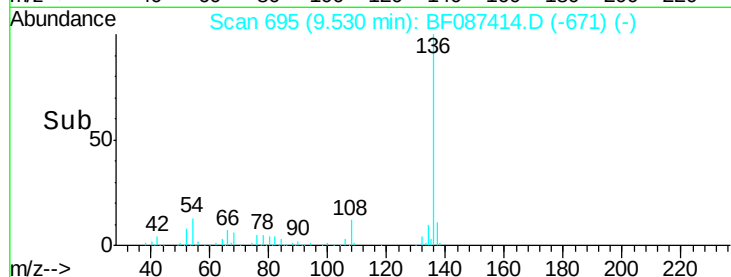
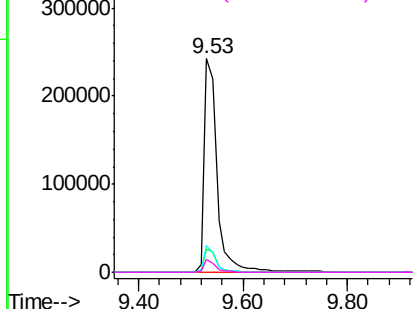
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.53 min Scan# 695
Delta R.T. -0.02 min
Lab File: BF087414.D
Acq: 26 May 2016 18:23

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Tgt Ion:	136	Resp:	416162
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	12.8	5.0	7.4#
68	6.2	4.4	6.6

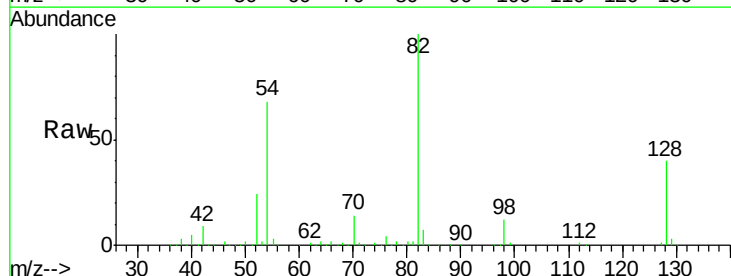


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

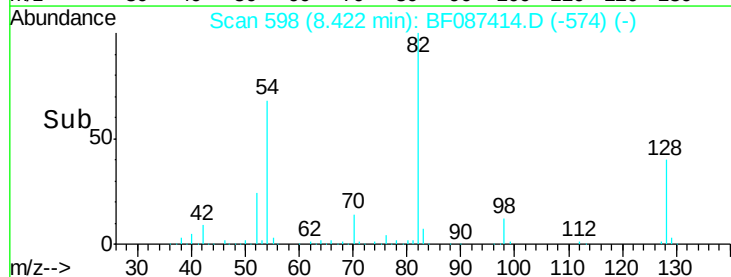
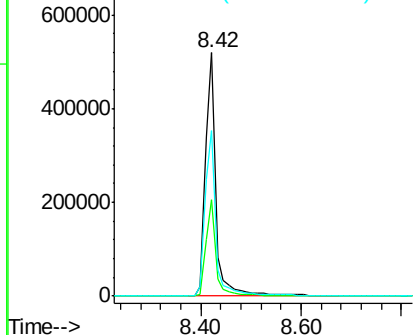


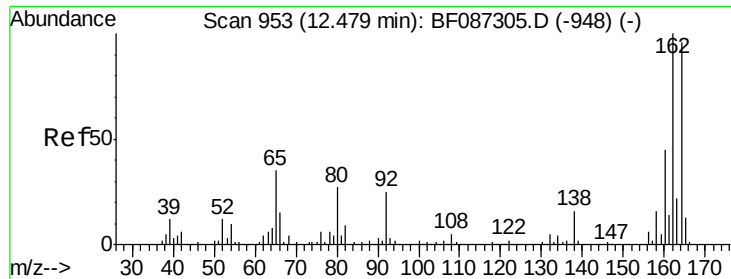
#23
Nitrobenzene-d5
Concen: 92.30 ng
RT: 8.42 min Scan# 598
Delta R.T. -0.02 min
Lab File: BF087414.D
Acq: 26 May 2016 18:23

Tgt Ion:	82	Resp:	762141
Ion	Ratio	Lower	Upper
82	100		
128	39.6	40.6	61.0#
54	68.0	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

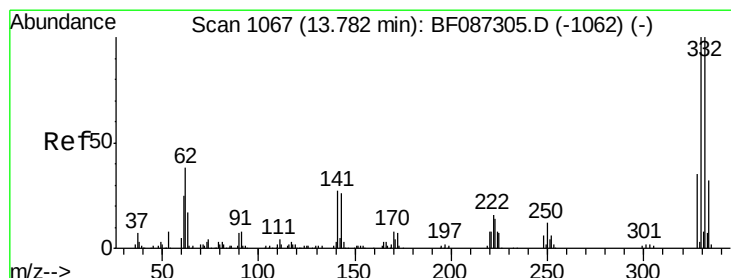
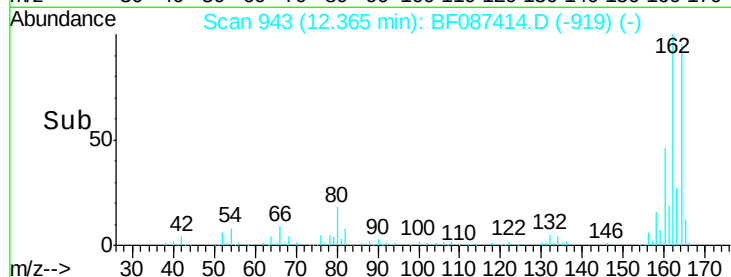
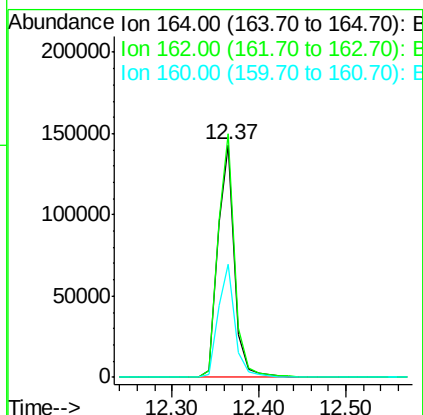
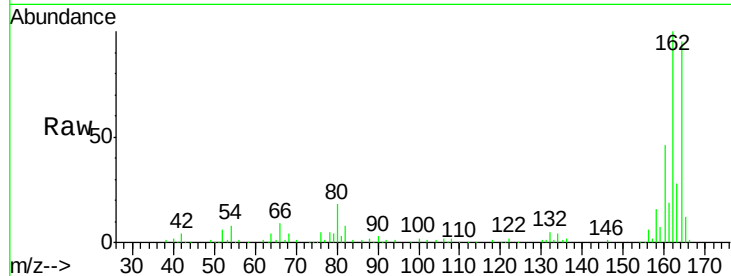




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.37 min Scan# 943
 Delta R.T. -0.02 min
 Lab File: BF087414.D
 Acq: 26 May 2016 18:23

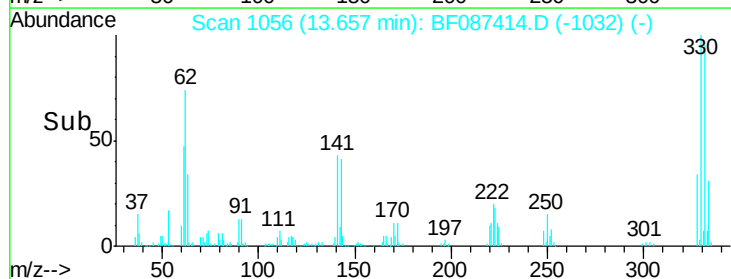
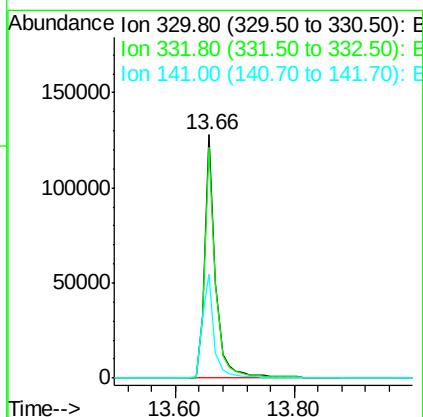
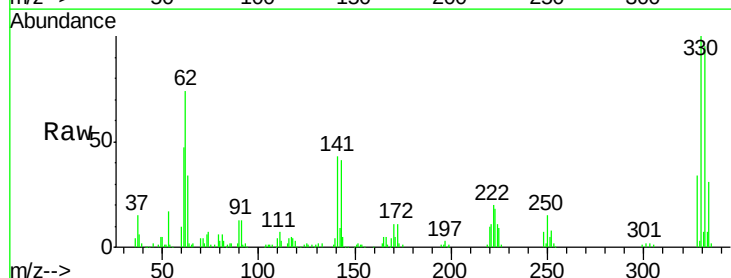
Instrument :
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 052016-P42-E-U-M

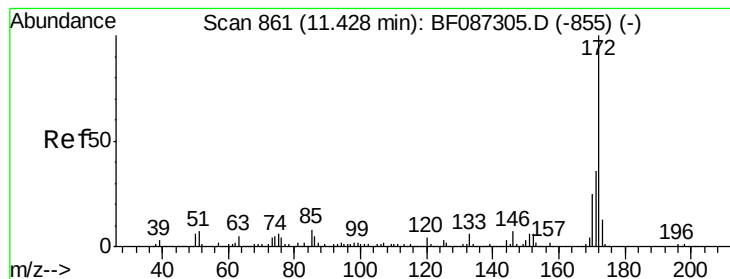
Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.8	82.8	124.2
160	48.4	36.9	55.3



#41
 2,4,6-Tribromophenol
 Concen: 91.09 ng
 RT: 13.66 min Scan# 1056
 Delta R.T. -0.02 min
 Lab File: BF087414.D
 Acq: 26 May 2016 18:23

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.4	79.0	118.4
141	46.2	31.2	46.8





#44

2-Fluorobiphenyl

Concen: 89.76 ng

RT: 11.31 min Scan# 851

Delta R.T. -0.02 min

Lab File: BF087414.D

Acq: 26 May 2016 18:23

Instrument :

BNA_F

ClientSampleId :

052016-P42-E-U-M

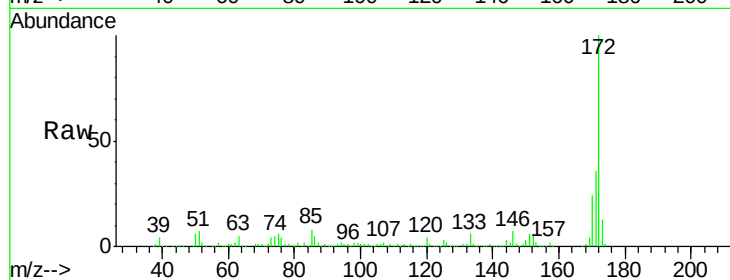
Tgt Ion:172 Resp: 1224714

Ion Ratio Lower Upper

172 100

171 36.5 29.0 43.6

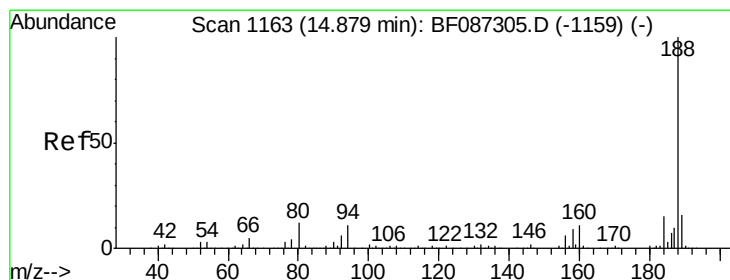
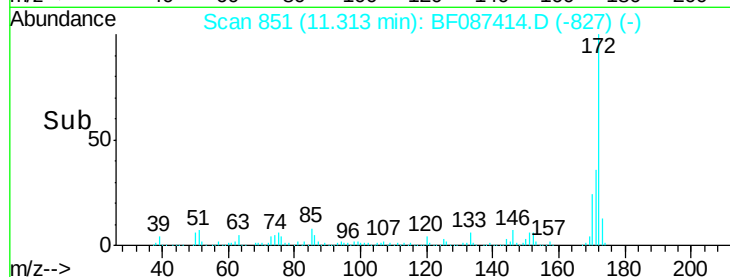
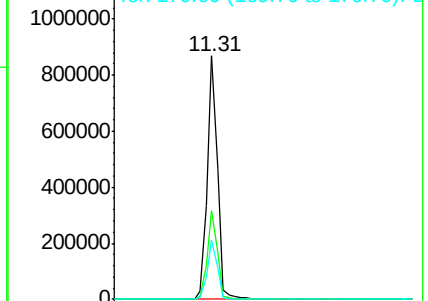
170 24.2 19.8 29.8



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: BF087414.D

Acq: 26 May 2016 18:23

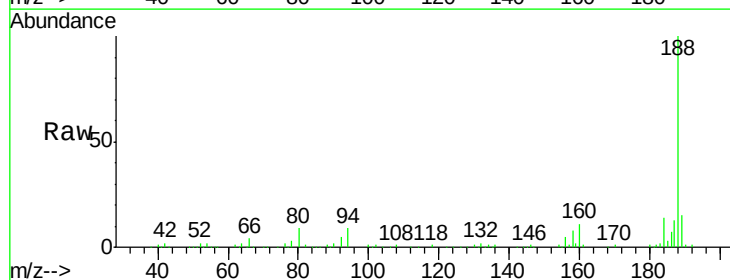
Tgt Ion:188 Resp: 381626

Ion Ratio Lower Upper

188 100

94 8.5 6.8 10.2

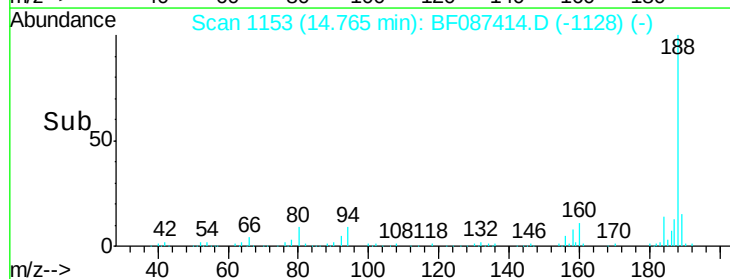
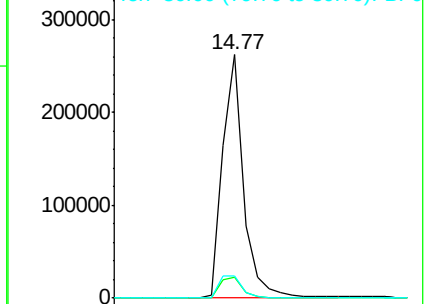
80 8.9 7.1 10.7

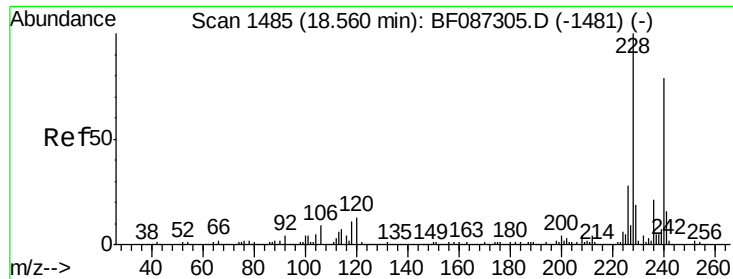


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF087414.D

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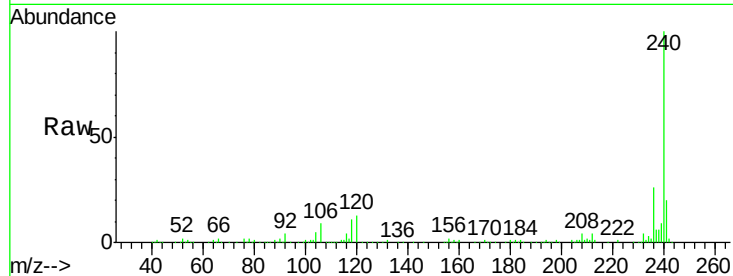
Tgt Ion:240 Resp: 313966

Ion Ratio Lower Upper

240 100

120 12.7 11.2 16.8

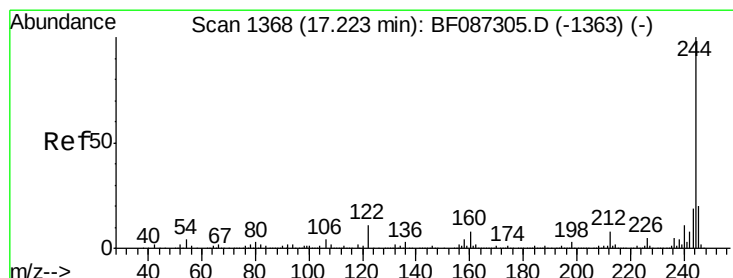
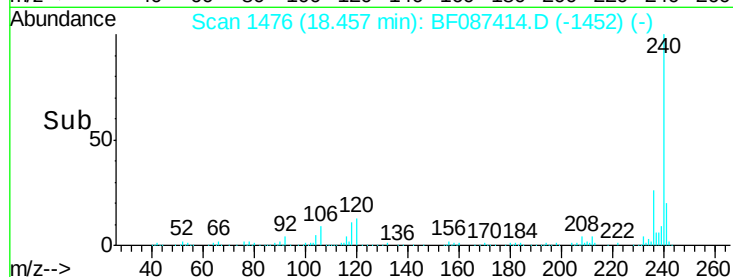
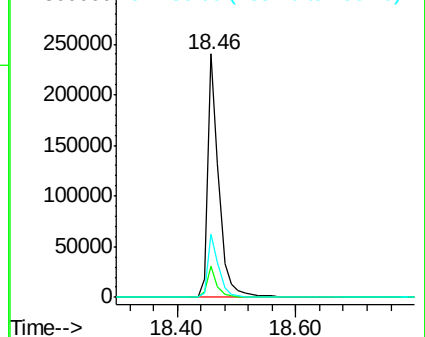
236 26.0 21.2 31.8



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: 79.40 ng

RT: 17.12 min Scan# 1359

Delta R.T. -0.01 min

Lab File: BF087414.D

Acq: 26 May 2016 18:23

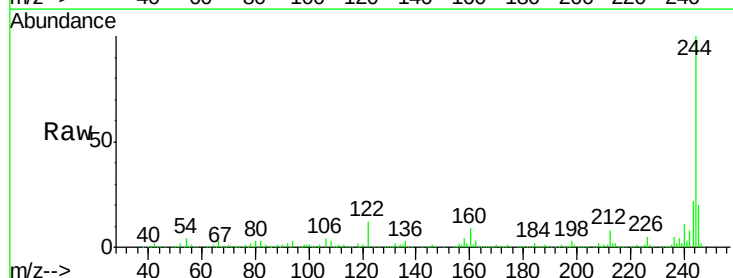
Tgt Ion:244 Resp: 1172613

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

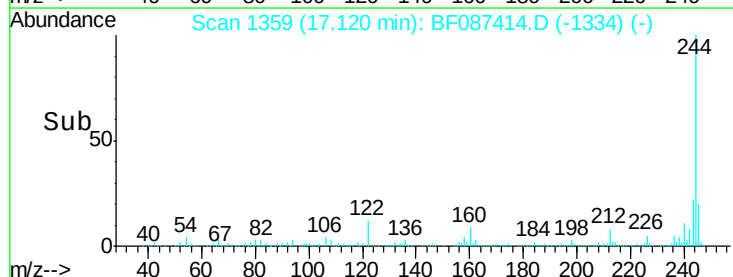
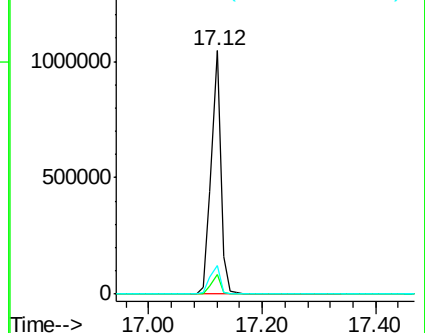
122 11.9 12.0 18.0#

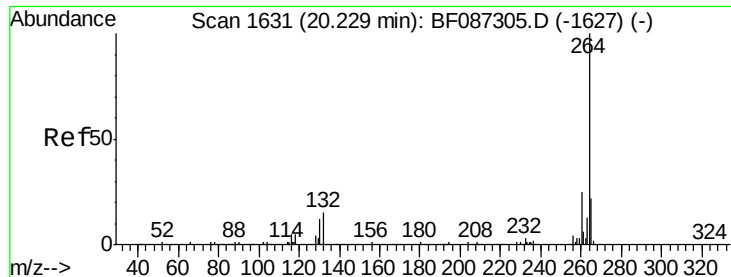


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF087414.D
Acq: 26 May 2016 18:23

Instrument :
BNA_F
ClientSampleId :
052016-P42-E-U-M

Tgt Ion:	264	Resp:	224731
Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.5	29.3
265	21.4	17.3	25.9

