

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052716\
 Data File : BF087461.D
 Acq On : 28 May 2016 1:29
 Operator : UM/SJ
 Sample : H3291-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB-201605

Quant Time: May 28 04:20:00 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

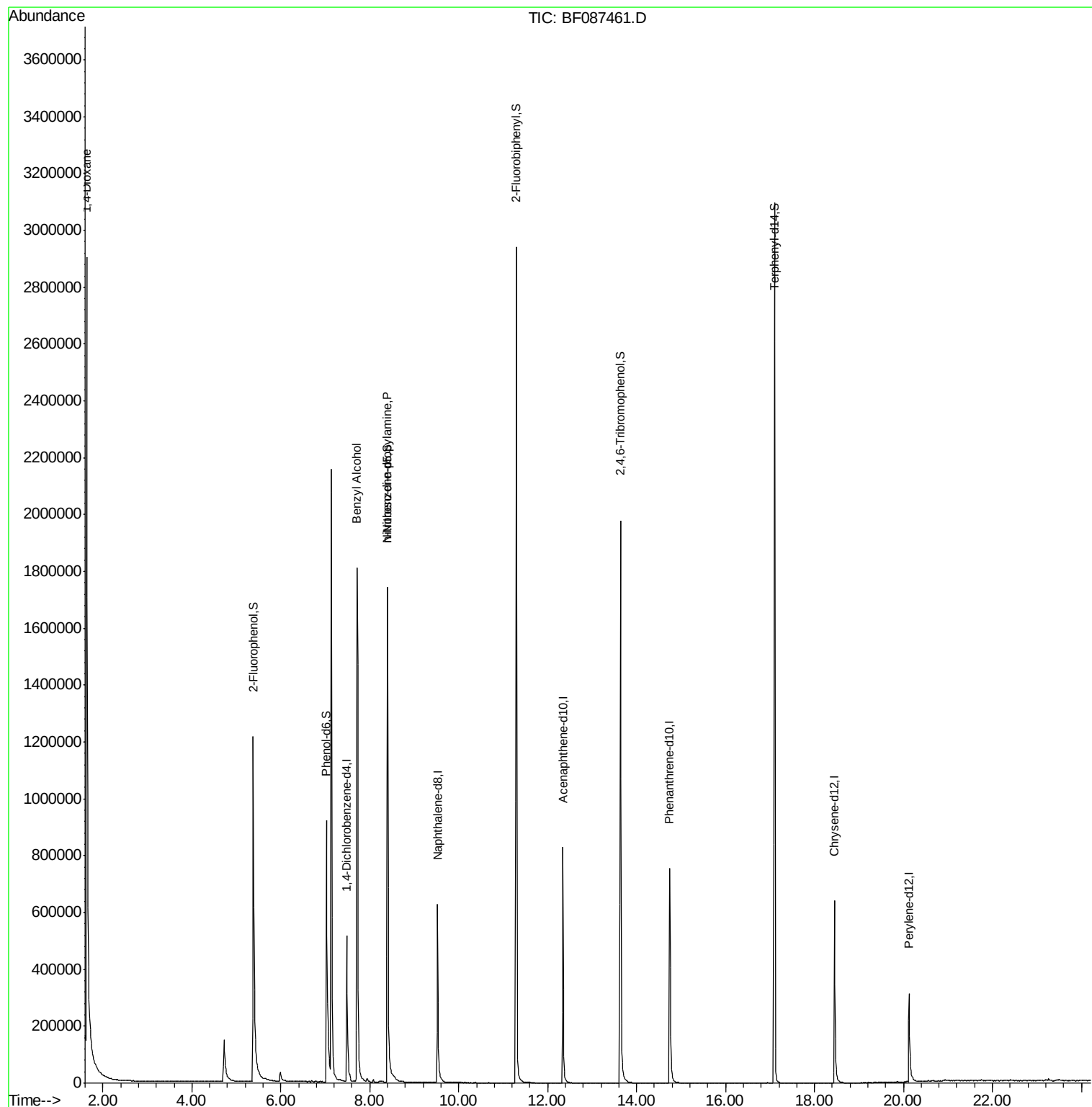
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	114490	20.00	ng	-0.03
21) Naphthalene-d8	9.52	136	460078	20.00	ng	-0.03
38) Acenaphthene-d10	12.34	164	227978	20.00	ng	-0.05
63) Phenanthrene-d10	14.74	188	440496	20.00	ng	-0.03
75) Chrysene-d12	18.45	240	363326	20.00	ng	-0.03
86) Perylene-d12	20.13	264	243753	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	549340	84.31	ng	-0.03
7) Phenol-d6	7.03	99	491376	55.81	ng	-0.05
23) Nitrobenzene-d5	8.40	82	781978	85.66	ng	-0.05
41) 2,4,6-Tribromophenol	13.63	330	311726	142.29	ng	-0.05
44) 2-Fluorobiphenyl	11.29	172	1382626	85.50	ng	-0.05
78) Terphenyl-d14	17.10	244	1490964	87.24	ng	-0.03
Target Compounds						
2) 1,4-Dioxane	1.63	88	105884	30.80	ng	# 22
15) Benzyl Alcohol	7.71	79	13527	2.11	ng	# 44
19) n-Nitroso-di-n-propylamine	8.40	70	101922	15.52	ng	# 75

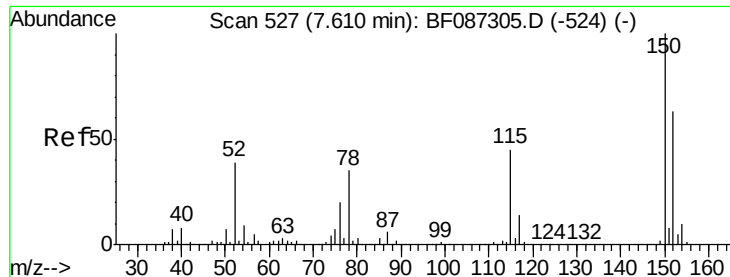
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.48 min Scan# 516

Delta R.T. -0.03 min

Lab File: BF087461.D

Acq: 28 May 2016 1:29

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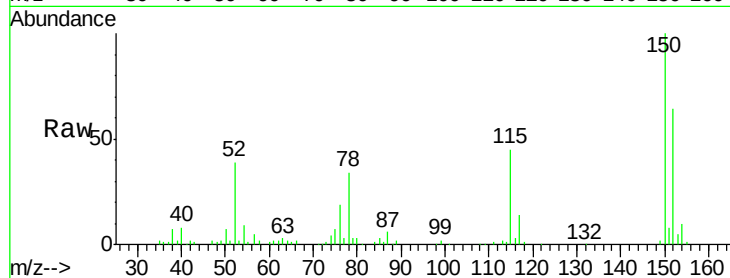
Tgt Ion: 152 Resp: 114490

Ion Ratio Lower Upper

152 100

150 155.5 125.8 188.6

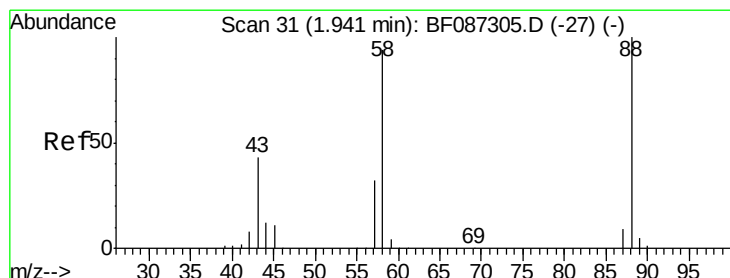
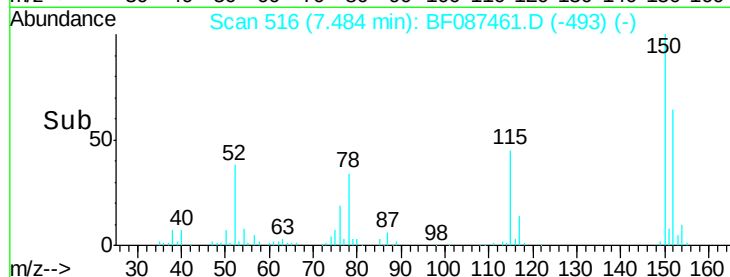
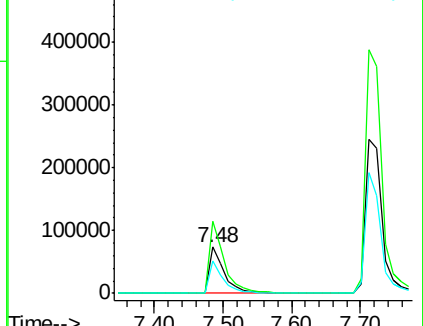
115 69.2 51.5 77.3



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: 30.80 ng

RT: 1.63 min Scan# 4

Delta R.T. -0.18 min

Lab File: BF087461.D

Acq: 28 May 2016 1:29

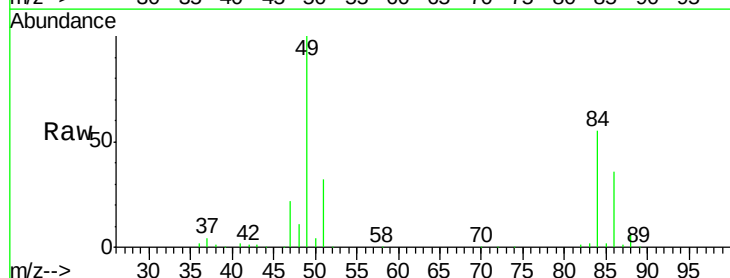
Tgt Ion: 88 Resp: 105884

Ion Ratio Lower Upper

88 100

58 0.0 59.6 89.4#

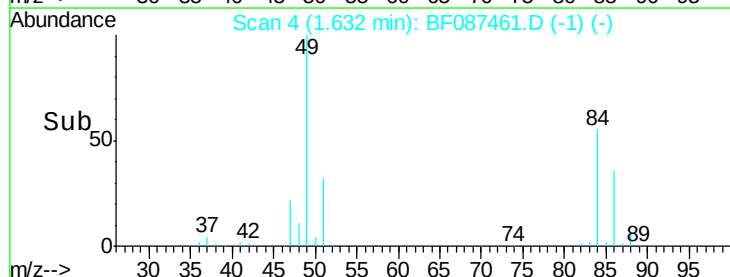
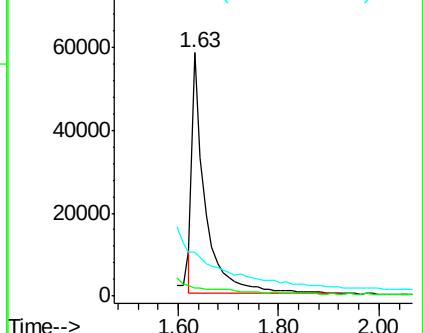
43 0.0 21.8 32.6#

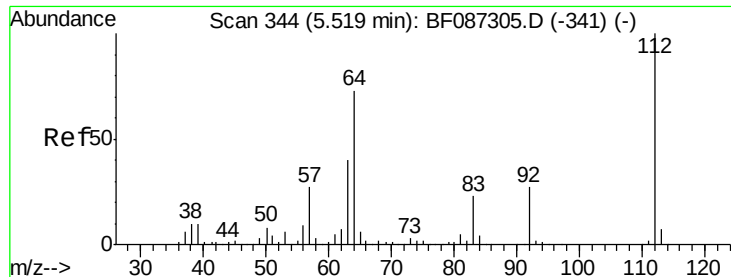


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 84.31 ng

RT: 5.38 min Scan# 332

Delta R.T. -0.03 min

Lab File: BF087461.D

Acq: 28 May 2016 1:29

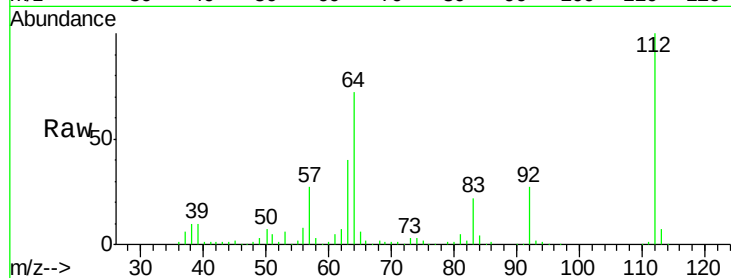
Instrument :

BNA_F

ClientSampleId :

FB-201605

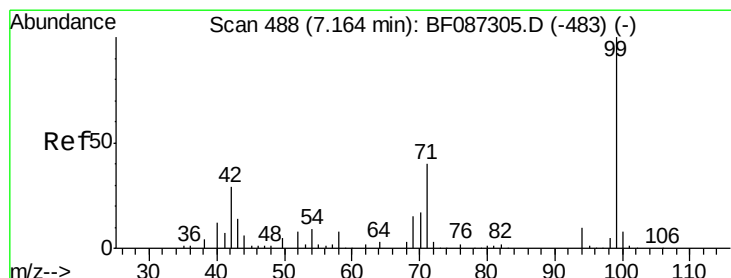
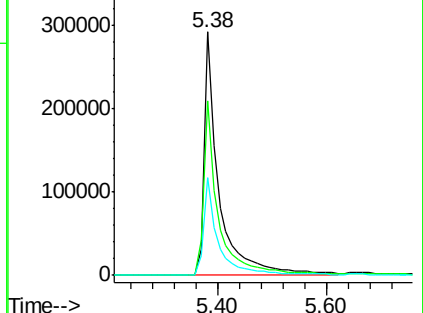
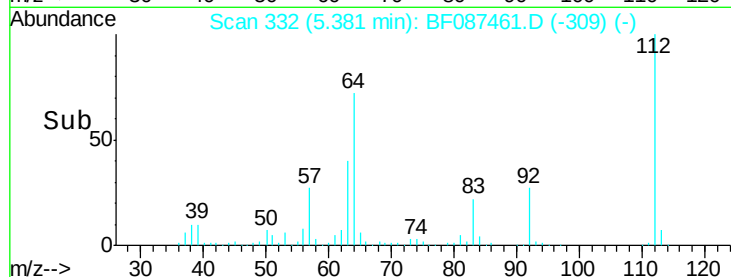
Tgt Ion:	112	Resp:	549340
Ion	Ratio	Lower	Upper
112	100		
64	71.6	52.1	78.1
63	40.2	25.7	38.5#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 55.81 ng

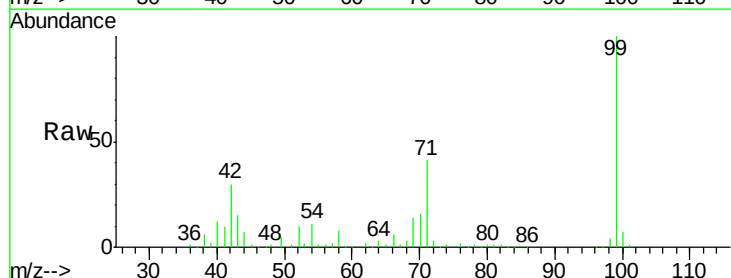
RT: 7.03 min Scan# 476

Delta R.T. -0.05 min

Lab File: BF087461.D

Acq: 28 May 2016 1:29

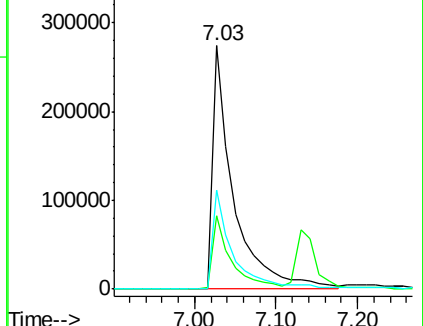
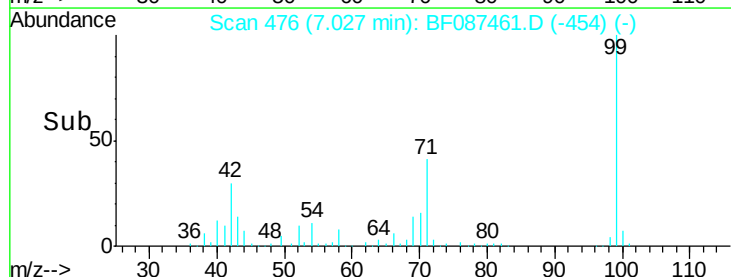
Tgt Ion:	99	Resp:	491376
Ion	Ratio	Lower	Upper
99	100		
42	30.2	13.6	20.4#
71	40.9	24.6	36.8#

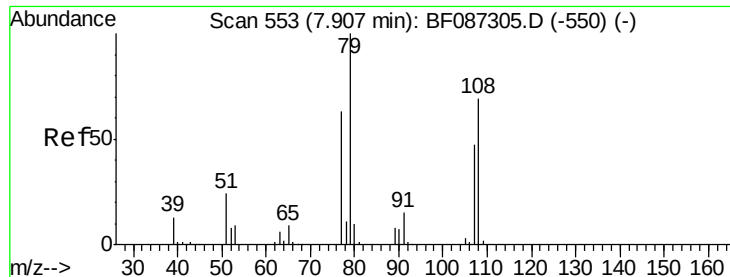


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#15

Benzyl Alcohol

Concen: 2.11 ng

RT: 7.71 min Scan# 536

Delta R.T. -0.10 min

Lab File: BF087461.D

Acq: 28 May 2016 1:29

Instrument :

BNA_F

ClientSampleId :

FB-201605

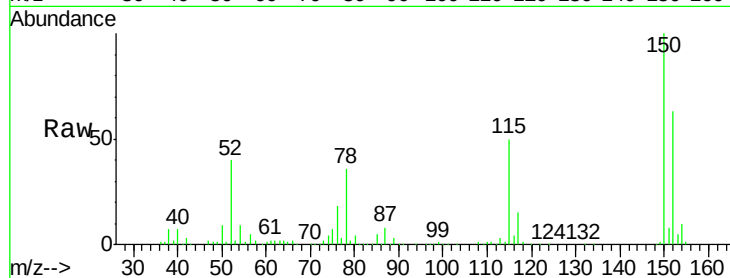
Tgt Ion: 79 Resp: 13527

Ion Ratio Lower Upper

79 100

108 29.1 68.4 102.6#

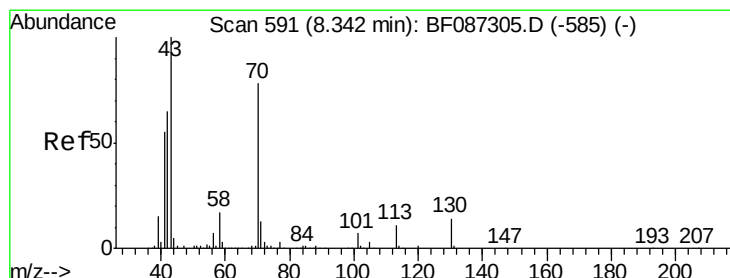
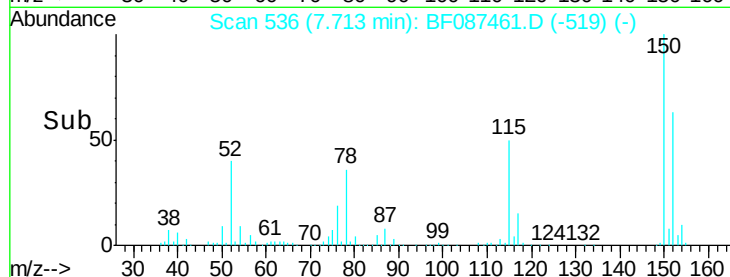
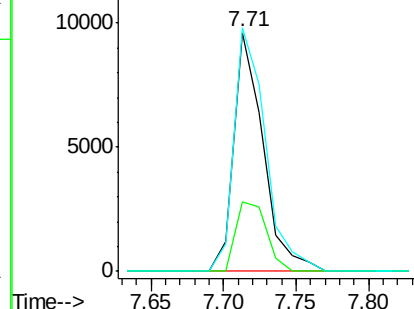
77 101.8 50.6 76.0#



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: 15.52 ng

RT: 8.40 min Scan# 596

Delta R.T. 0.15 min

Lab File: BF087461.D

Acq: 28 May 2016 1:29

Tgt Ion: 70 Resp: 101922

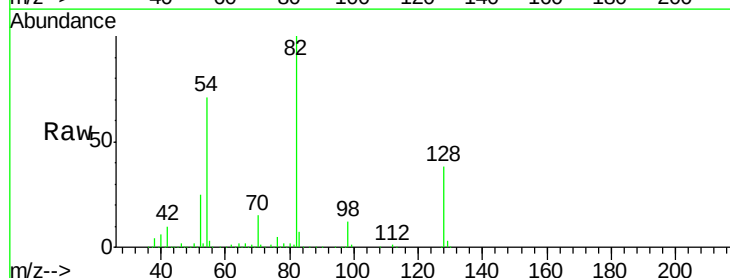
Ion Ratio Lower Upper

70 100

42 65.9 43.1 64.7#

101 0.0 8.1 12.1#

130 1.7 18.6 28.0#

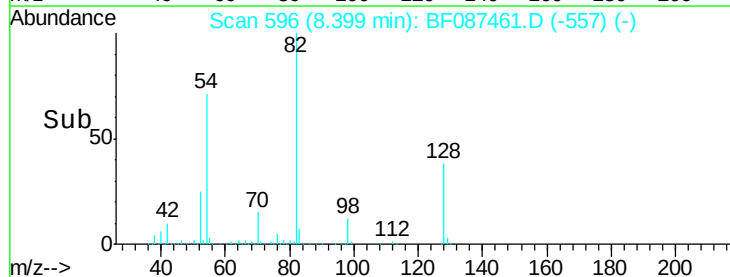
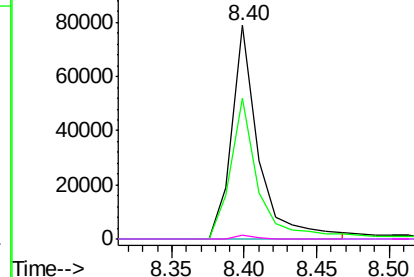


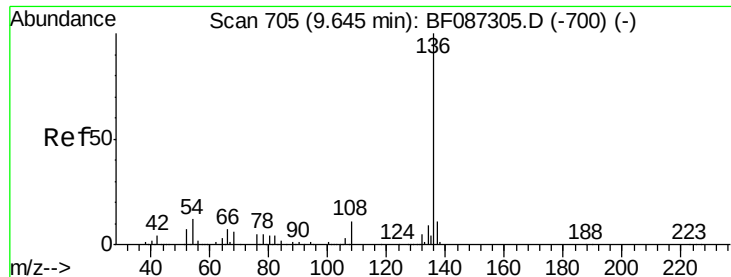
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

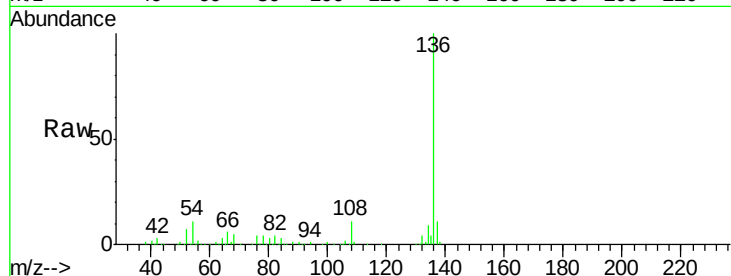




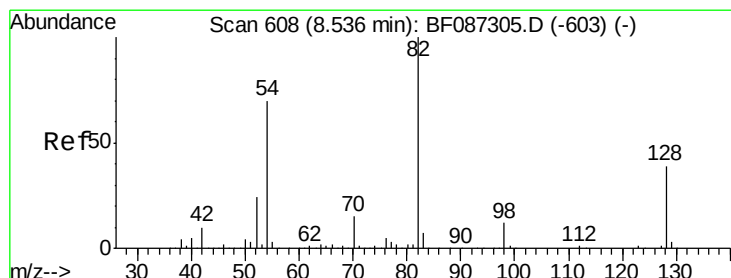
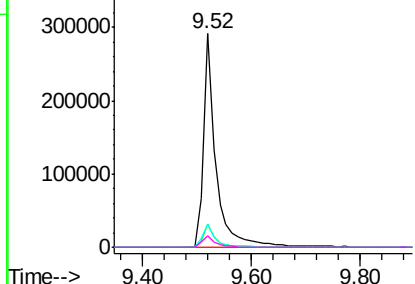
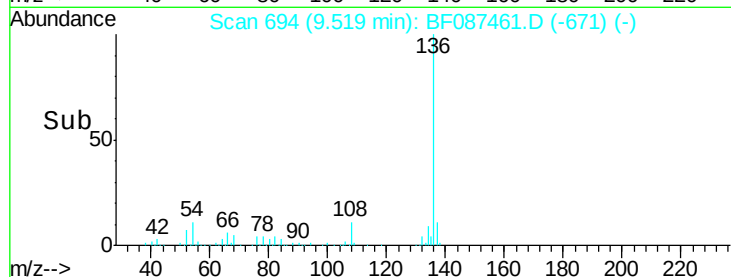
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.52 min Scan# 694
Delta R.T. -0.03 min
Lab File: BF087461.D
Acq: 28 May 2016 1:29

Instrument :
BNA_F
ClientSampleId :
FB-201605

Tgt Ion:	136	Resp:	460078
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	10.6	5.0	7.4#
68	5.3	4.4	6.6

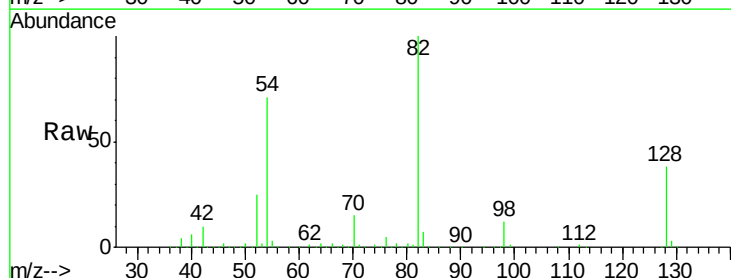


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

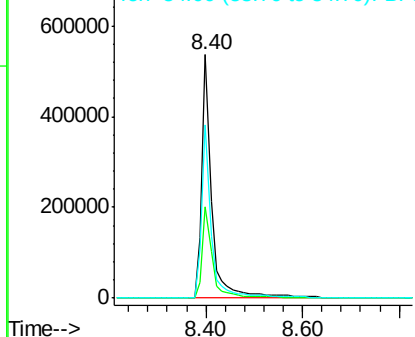
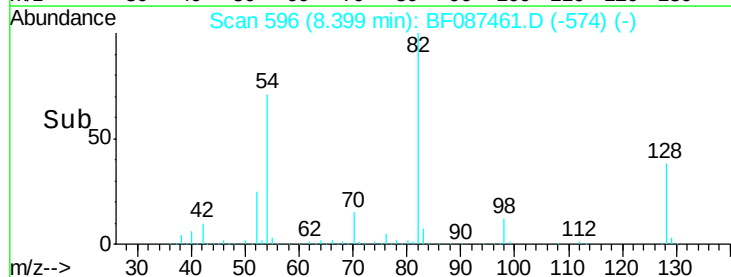


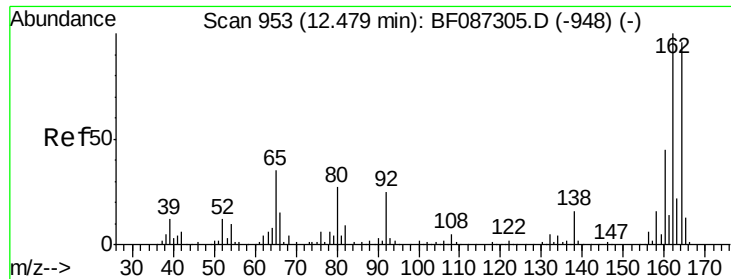
#23
Nitrobenzene-d5
Concen: 85.66 ng
RT: 8.40 min Scan# 596
Delta R.T. -0.05 min
Lab File: BF087461.D
Acq: 28 May 2016 1:29

Tgt Ion:	82	Resp:	781978
Ion	Ratio	Lower	Upper
82	100		
128	37.5	40.6	61.0#
54	71.3	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

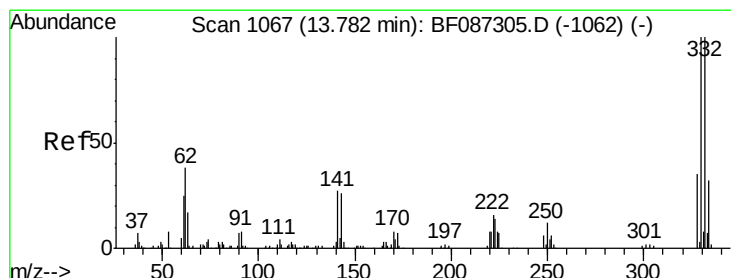
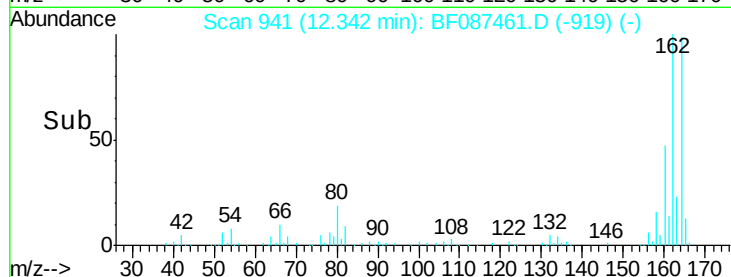
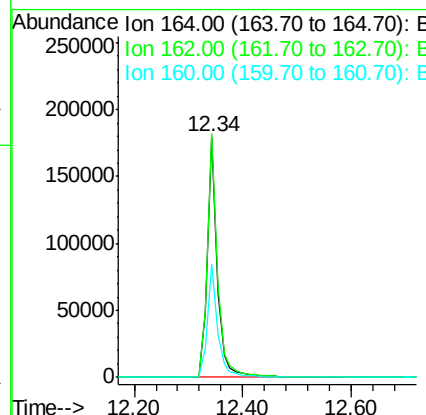
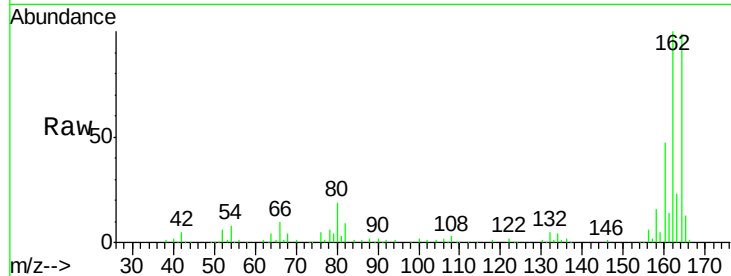




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.34 min Scan# 941
 Delta R.T. -0.05 min
 Lab File: BF087461.D
 Acq: 28 May 2016 1:29

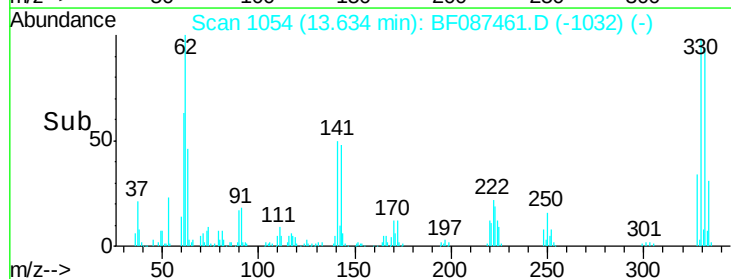
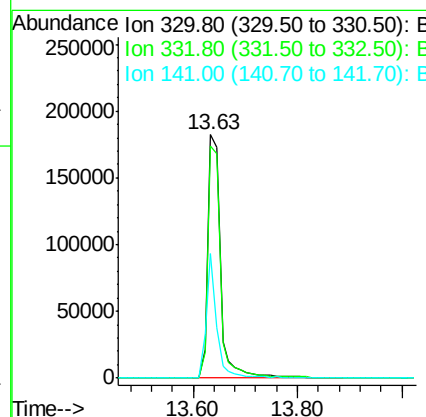
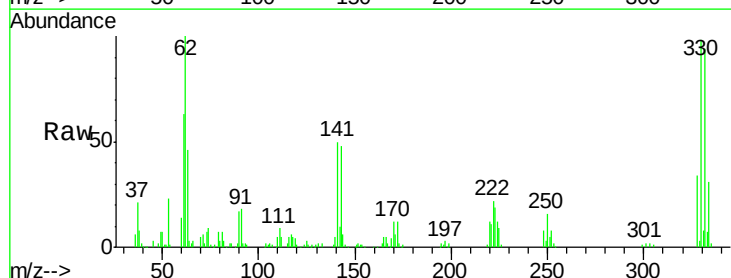
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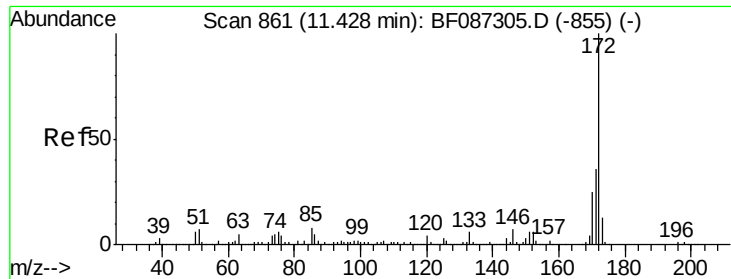
Tgt Ion:164 Resp: 227978
 Ion Ratio Lower Upper
 164 100
 162 101.4 82.8 124.2
 160 47.2 36.9 55.3



#41
 2,4,6-Tribromophenol
 Concen: 142.29 ng
 RT: 13.63 min Scan# 1054
 Delta R.T. -0.05 min
 Lab File: BF087461.D
 Acq: 28 May 2016 1:29

Tgt Ion:330 Resp: 311726
 Ion Ratio Lower Upper
 330 100
 332 96.1 79.0 118.4
 141 42.6 31.2 46.8

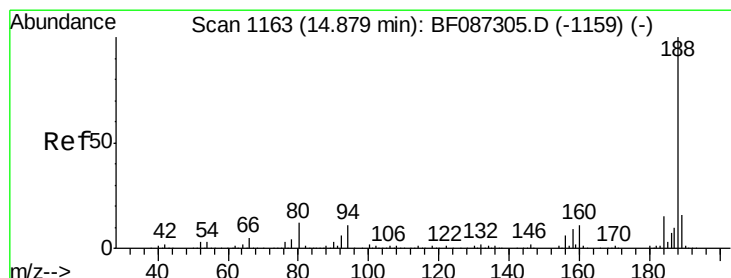
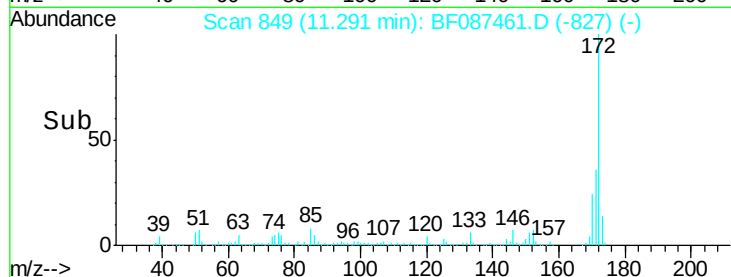
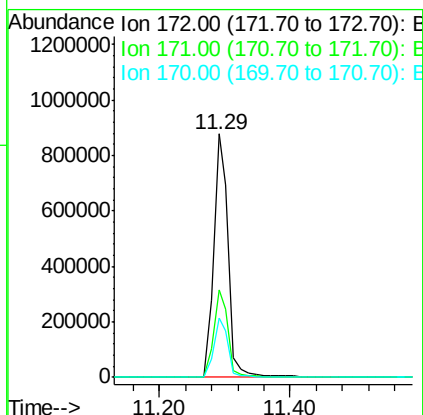
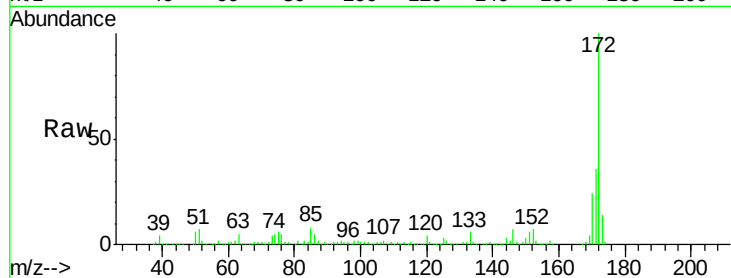




#44
 2-Fluorobiphenyl
 Concen: 85.50 ng
 RT: 11.29 min Scan# 849
 Delta R.T. -0.05 min
 Lab File: BF087461.D
 Acq: 28 May 2016 1:29

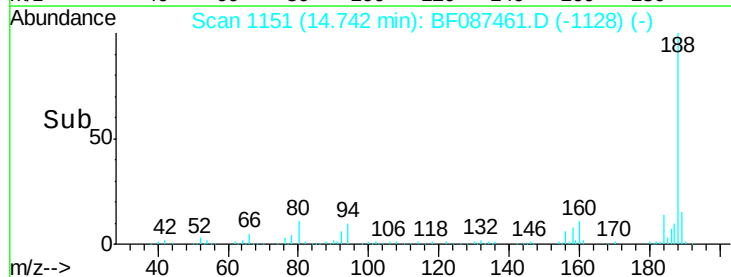
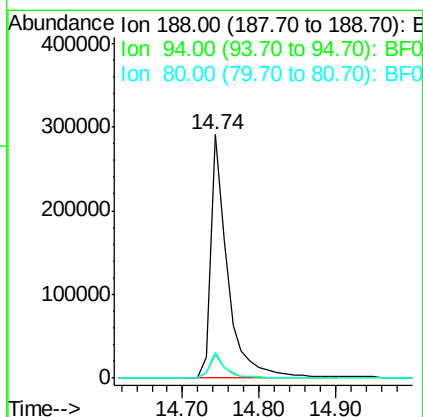
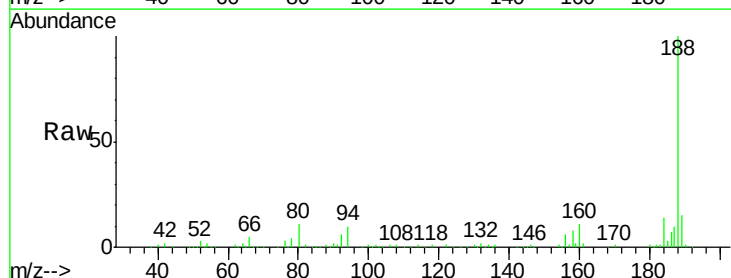
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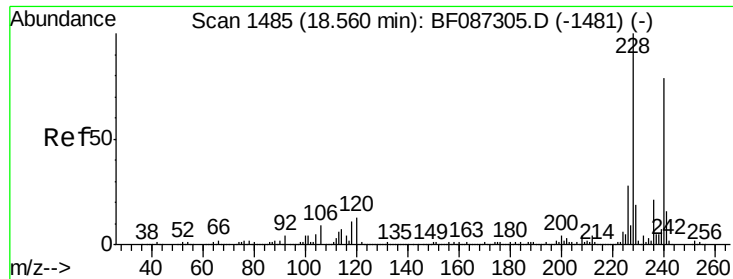
Tgt Ion:172 Resp: 1382626
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.0 43.6
 170 24.5 19.8 29.8



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.74 min Scan# 1151
 Delta R.T. -0.03 min
 Lab File: BF087461.D
 Acq: 28 May 2016 1:29

Tgt Ion:188 Resp: 440496
 Ion Ratio Lower Upper
 188 100
 94 9.8 6.8 10.2
 80 10.9 7.1 10.7#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.45 min Scan# 1475

Delta R.T. -0.03 min

Lab File: BF087461.D

Acq: 28 May 2016 1:29

Instrument :

BNA_F

ClientSampleId :

FB-201605

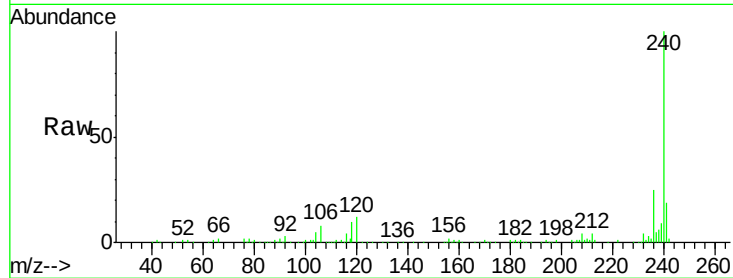
Tgt Ion:240 Resp: 363326

Ion Ratio Lower Upper

240 100

120 11.8 11.2 16.8

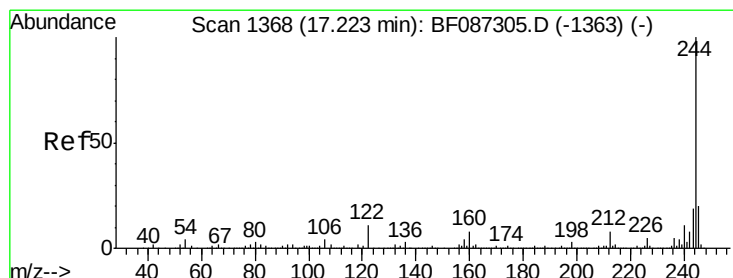
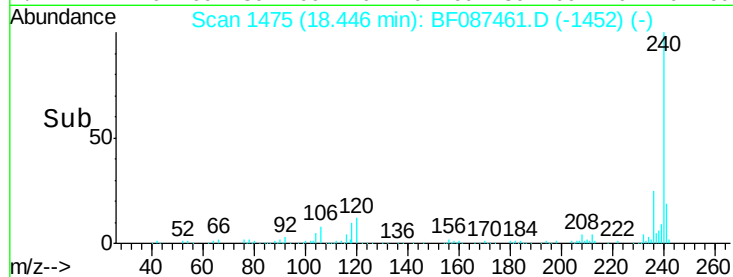
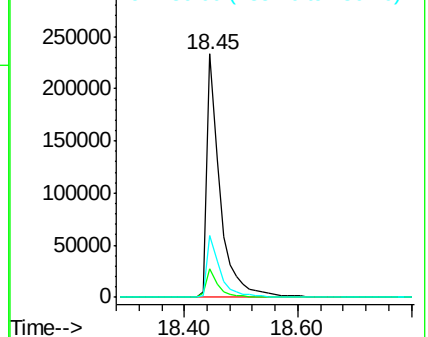
236 25.5 21.2 31.8



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: 87.24 ng

RT: 17.10 min Scan# 1357

Delta R.T. -0.03 min

Lab File: BF087461.D

Acq: 28 May 2016 1:29

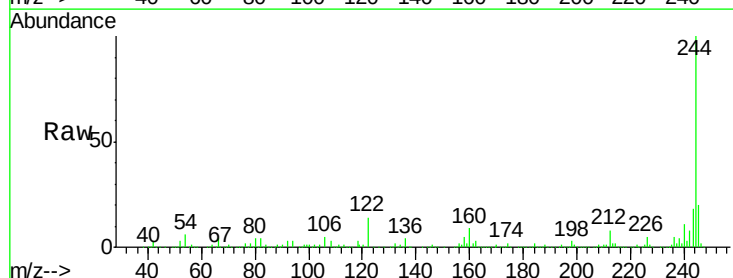
Tgt Ion:244 Resp: 1490964

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

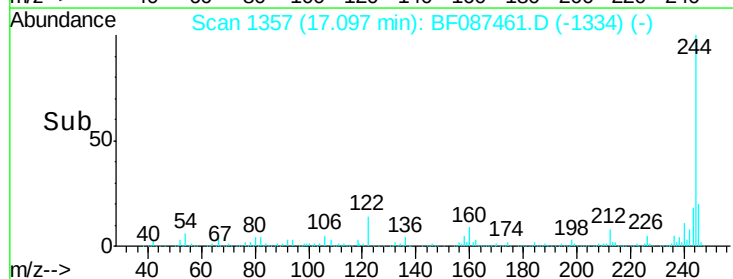
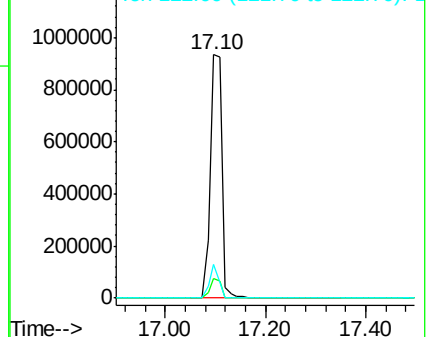
122 13.9 12.0 18.0

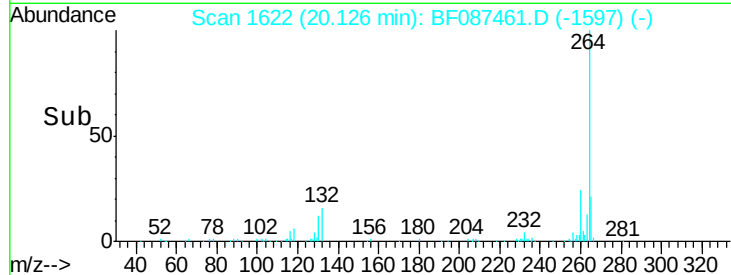
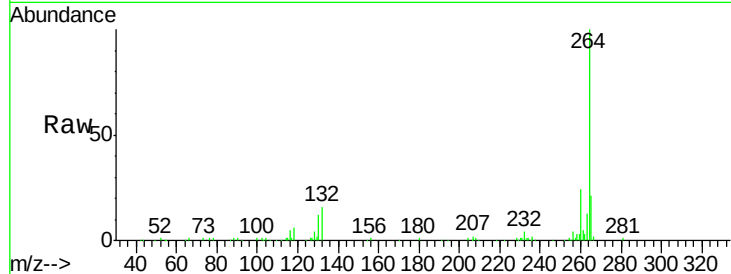
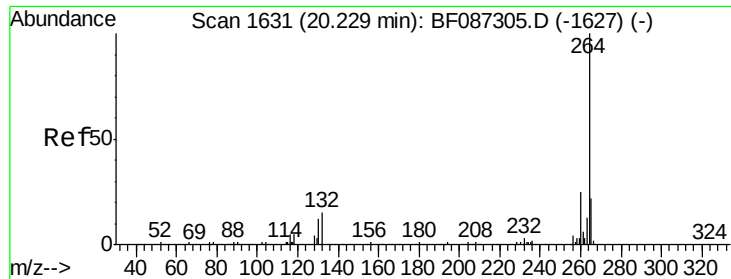


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF087461.D
Acq: 28 May 2016 1:29

Instrument :
BNA_F
ClientSampleId :
FB-201605

Tgt Ion:	264	Resp:	243753
Ion Ratio	Lower	Upper	
264	100		
260	23.9	19.5	29.3
265	20.7	17.3	25.9

