

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052716\
 Data File : BF087454.D
 Acq On : 27 May 2016 21:27
 Operator : UM/SJ
 Sample : H3278-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DSN001

Quant Time: May 28 00:22:48 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

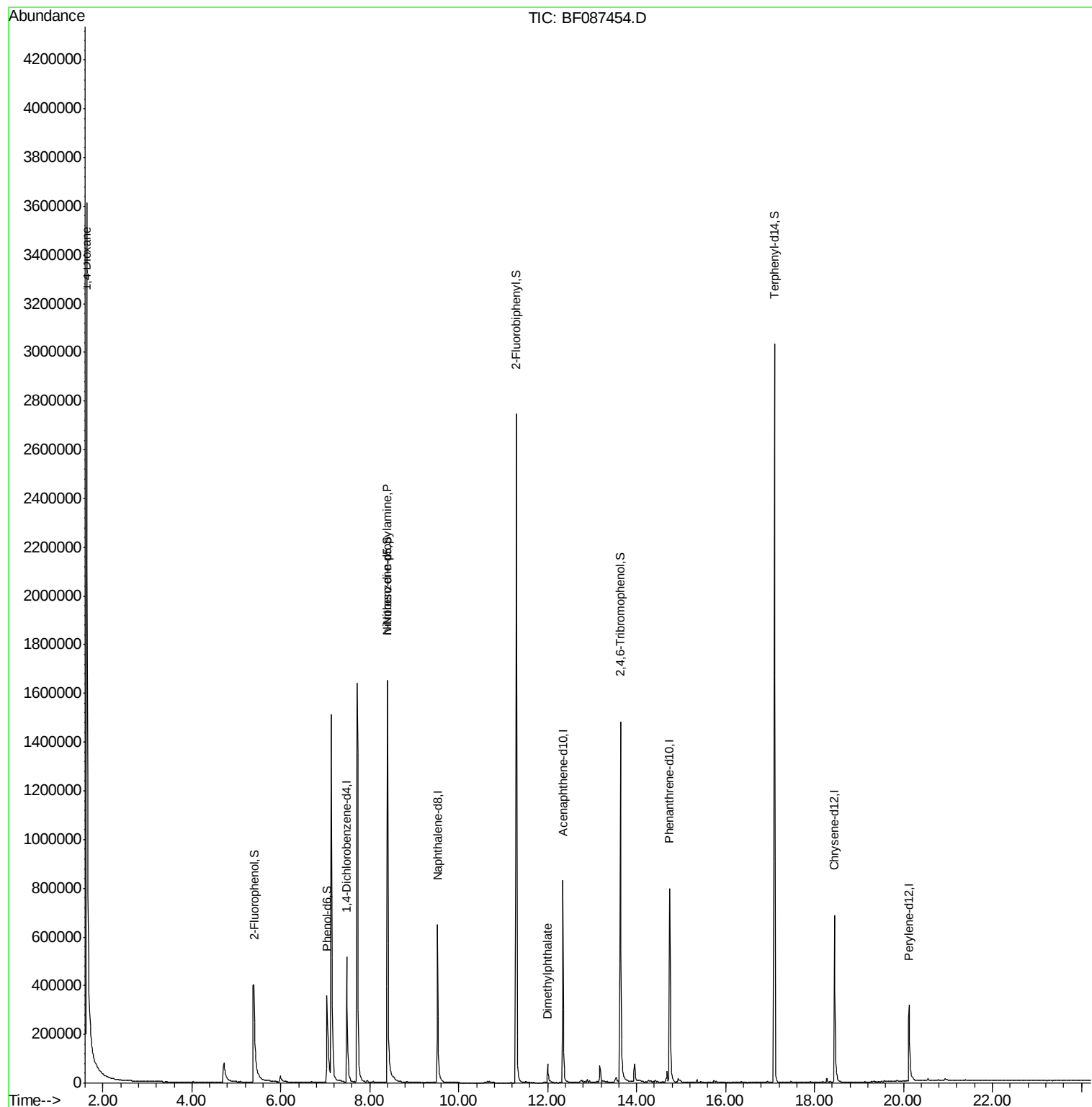
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	113184	20.00	ng	-0.03
21) Naphthalene-d8	9.52	136	456243	20.00	ng	-0.03
38) Acenaphthene-d10	12.34	164	221815	20.00	ng	-0.05
63) Phenanthrene-d10	14.74	188	423190	20.00	ng	-0.03
75) Chrysene-d12	18.45	240	358142	20.00	ng	-0.03
86) Perylene-d12	20.13	264	243903	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	306995	47.66	ng	-0.02
7) Phenol-d6	7.04	99	246307	28.30	ng	-0.03
23) Nitrobenzene-d5	8.40	82	722219	79.78	ng	-0.05
41) 2,4,6-Tribromophenol	13.63	330	208846	97.98	ng	-0.05
44) 2-Fluorobiphenyl	11.29	172	1302764	82.80	ng	-0.05
78) Terphenyl-d14	17.10	244	1238619	73.53	ng	-0.03
Target Compounds						
2) 1,4-Dioxane	1.63	88	132956	39.12	ng	# 22
19) n-Nitroso-di-n-propylamine	8.40	70	94555	14.57	ng	# 75
49) Dimethylphthalate	12.00	163	55479	3.12	ng	99

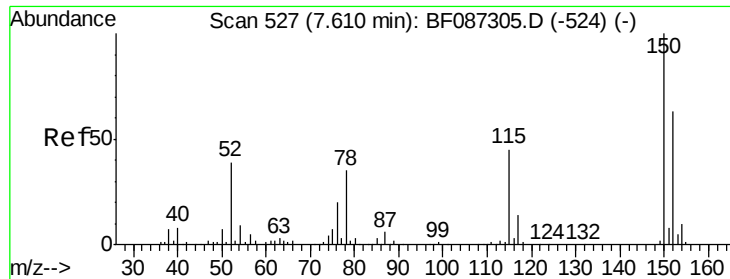
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF087454.D

Acq: 27 May 2016 21:27

Instrument :

BNA_F

ClientSampleId :

DSN001

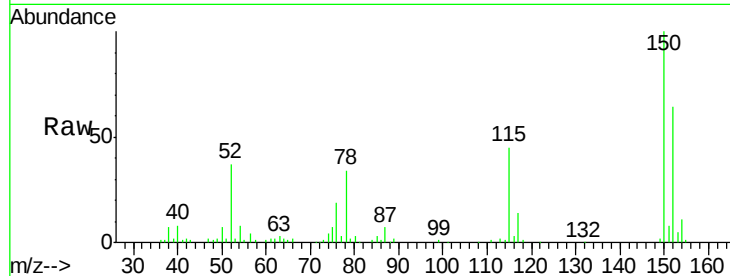
Tgt Ion: 152 Resp: 113184

Ion Ratio Lower Upper

152 100

150 157.0 125.8 188.6

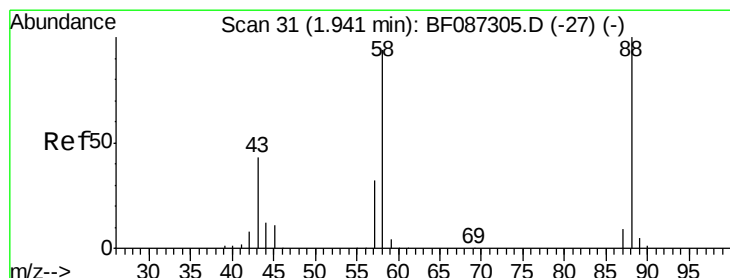
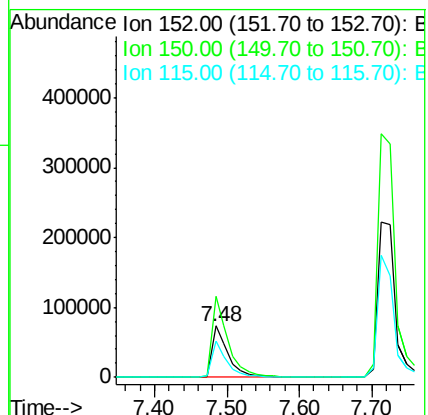
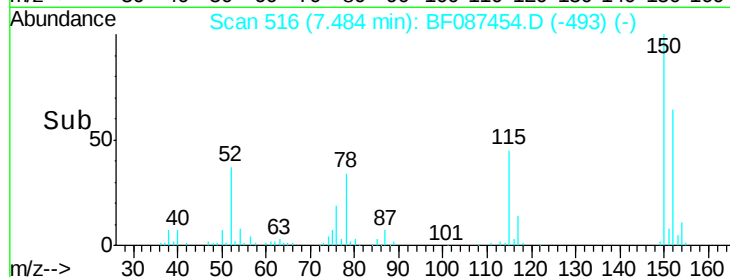
115 70.1 51.5 77.3



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: 39.12 ng

RT: 1.63 min Scan# 4

Delta R.T. -0.18 min

Lab File: BF087454.D

Acq: 27 May 2016 21:27

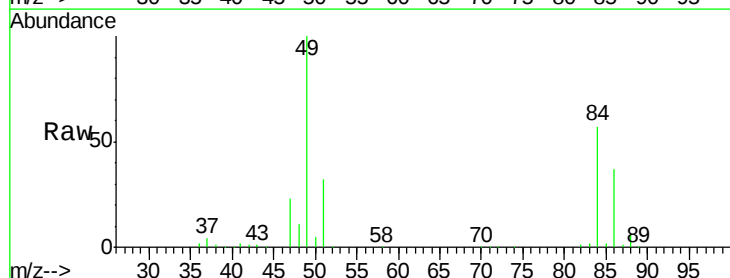
Tgt Ion: 88 Resp: 132956

Ion Ratio Lower Upper

88 100

58 0.0 59.6 89.4#

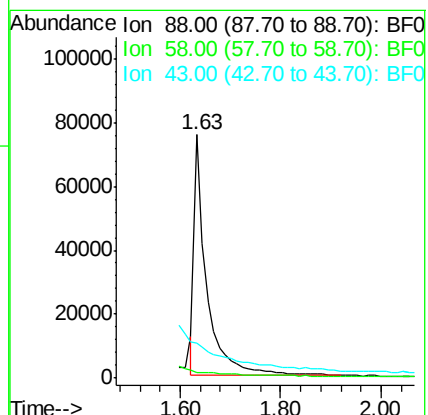
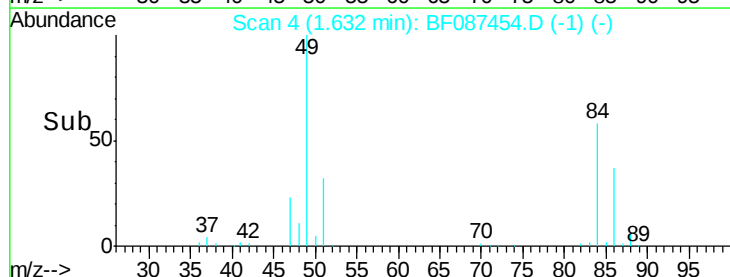
43 0.0 21.8 32.6#

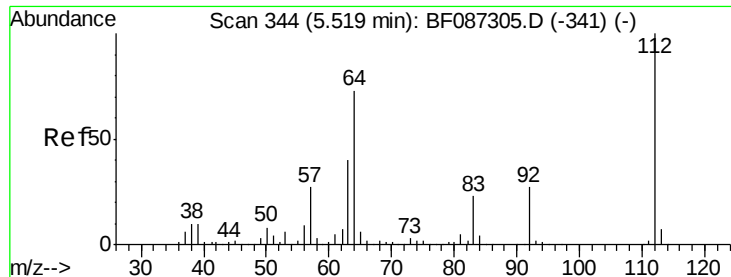


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 47.66 ng

RT: 5.39 min Scan# 333

Delta R.T. -0.02 min

Lab File: BF087454.D

Acq: 27 May 2016 21:27

Instrument :

BNA_F

ClientSampled :

DSN001

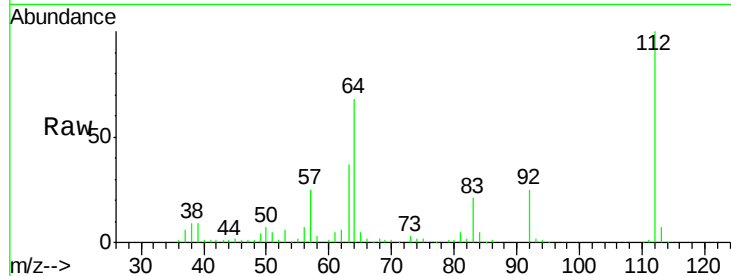
Tgt Ion: 112 Resp: 306995

Ion Ratio Lower Upper

112 100

64 67.9 52.1 78.1

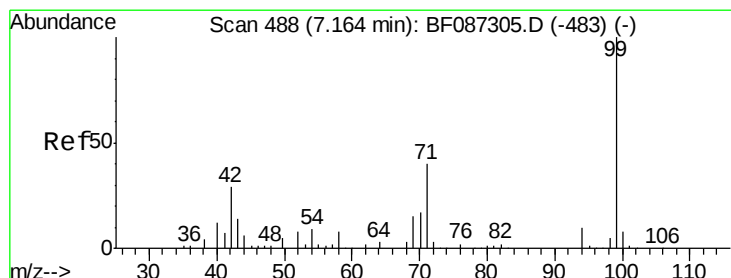
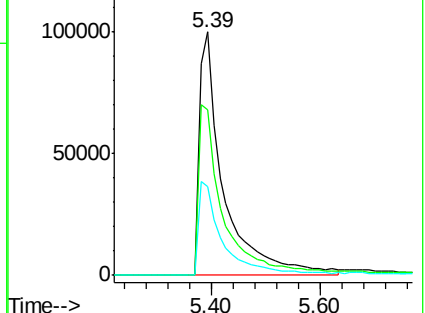
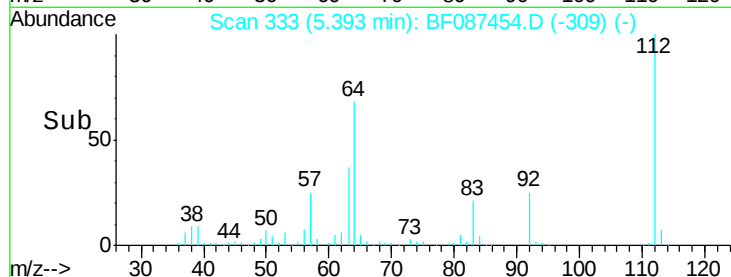
63 36.6 25.7 38.5



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: 28.30 ng

RT: 7.04 min Scan# 477

Delta R.T. -0.03 min

Lab File: BF087454.D

Acq: 27 May 2016 21:27

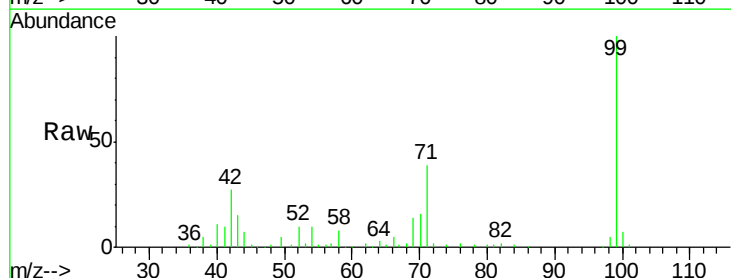
Tgt Ion: 99 Resp: 246307

Ion Ratio Lower Upper

99 100

42 27.1 13.6 20.4#

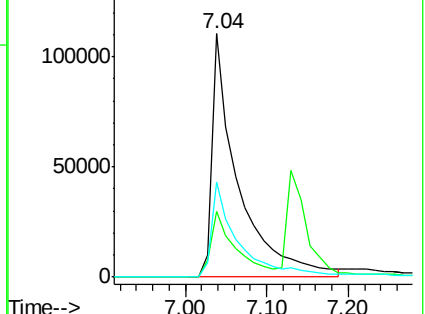
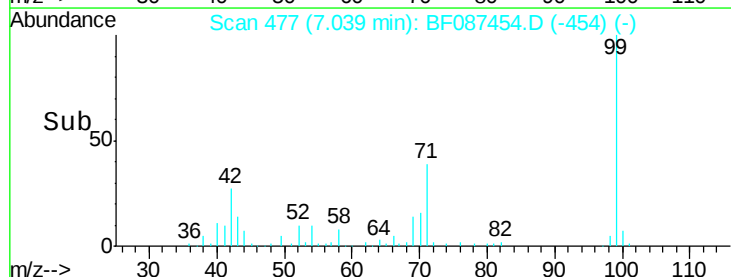
71 39.3 24.6 36.8#

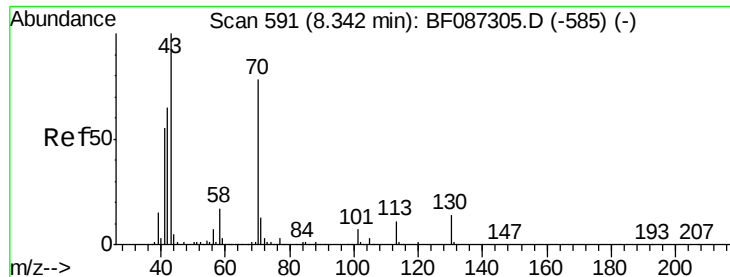


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

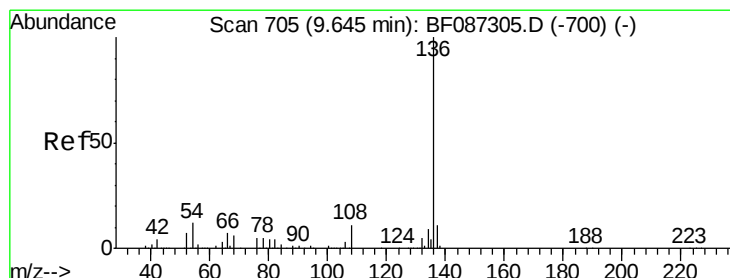
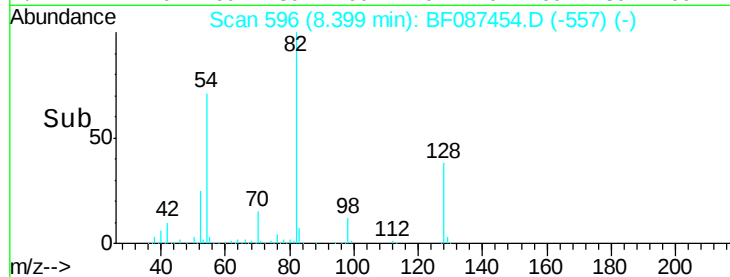
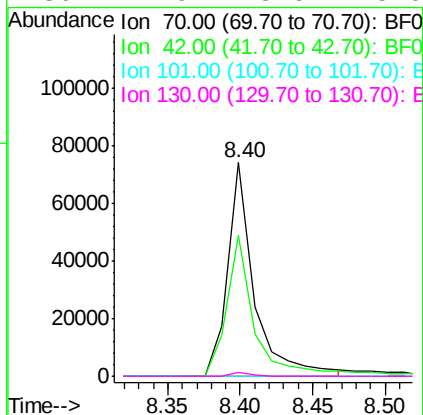
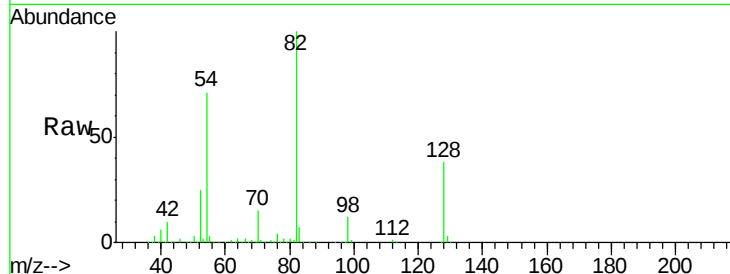




#19
n-Nitroso-di-n-propylamine
Concen: 14.57 ng
RT: 8.40 min Scan# 596
Delta R.T. 0.15 min
Lab File: BF087454.D
Acq: 27 May 2016 21:27

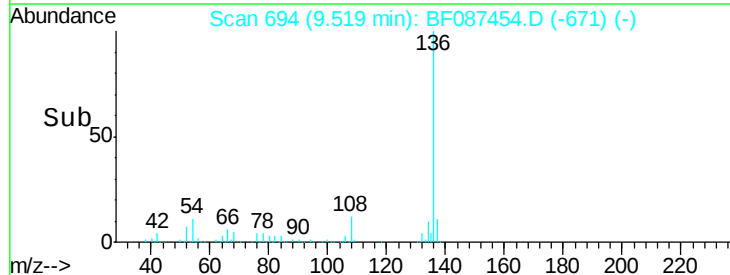
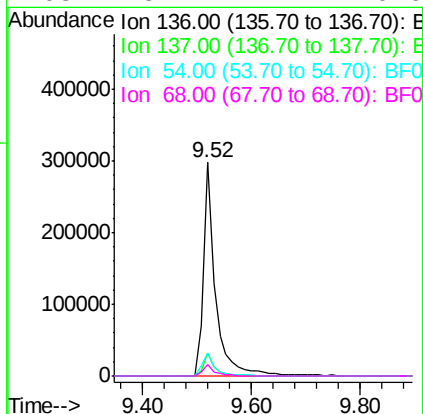
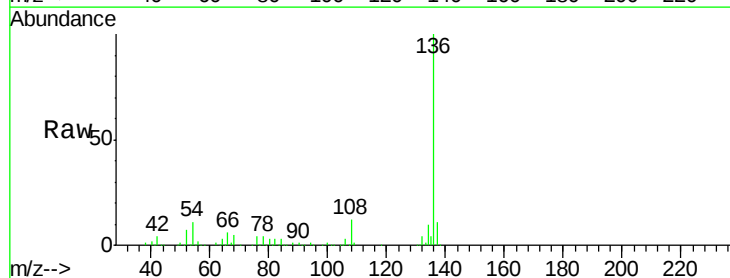
Instrument :
BNA_F
ClientSampleId :
DSN001

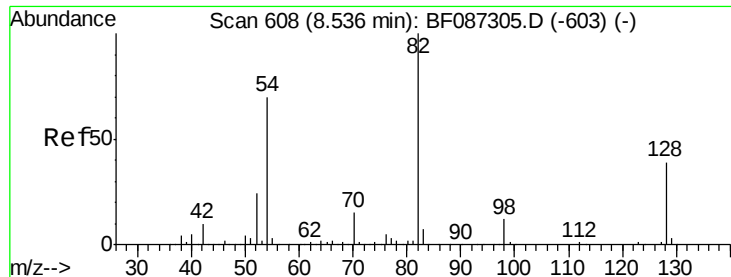
Tgt Ion: 70 Resp: 94555
Ion Ratio Lower Upper
70 100
42 65.7 43.1 64.7#
101 0.0 8.1 12.1#
130 1.9 18.6 28.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.52 min Scan# 694
Delta R.T. -0.03 min
Lab File: BF087454.D
Acq: 27 May 2016 21:27

Tgt Ion: 136 Resp: 456243
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 10.6 5.0 7.4#
68 5.4 4.4 6.6

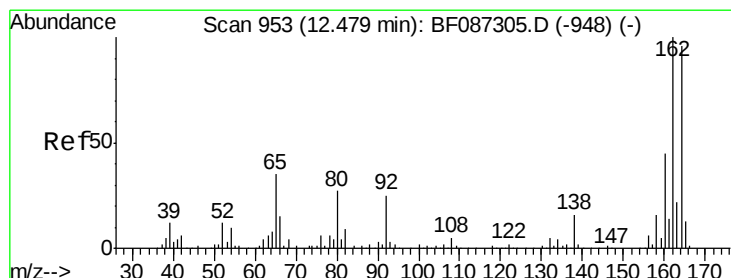
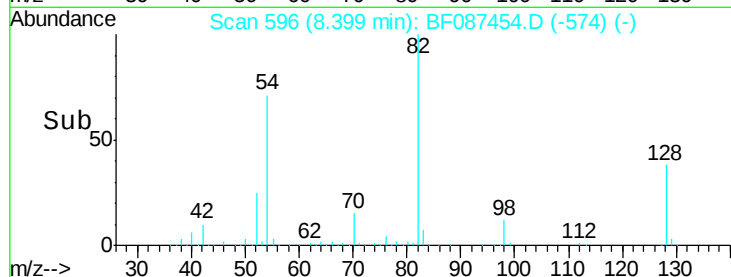
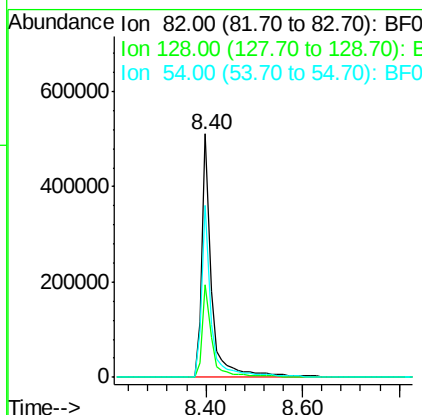
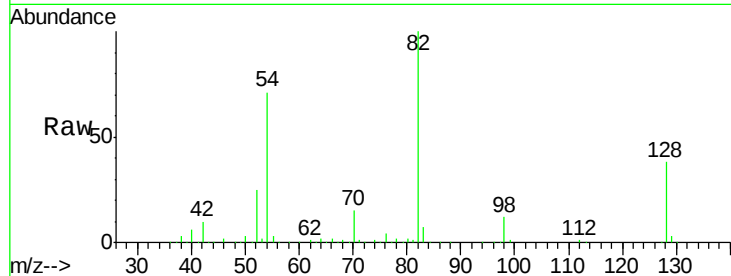




#23
 Nitrobenzene-d5
 Concen: 79.78 ng
 RT: 8.40 min Scan# 596
 Delta R.T. -0.05 min
 Lab File: BF087454.D
 Acq: 27 May 2016 21:27

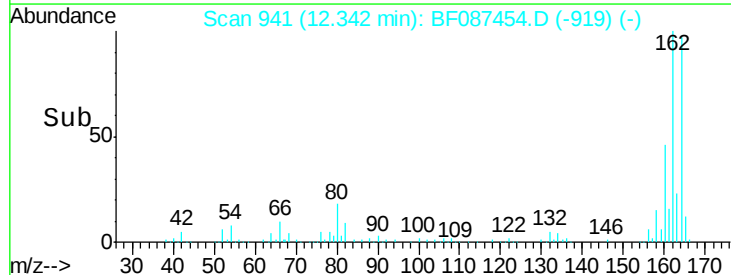
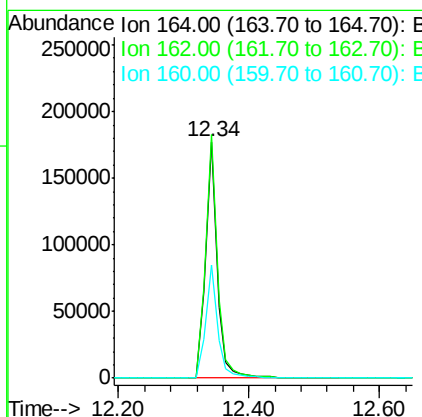
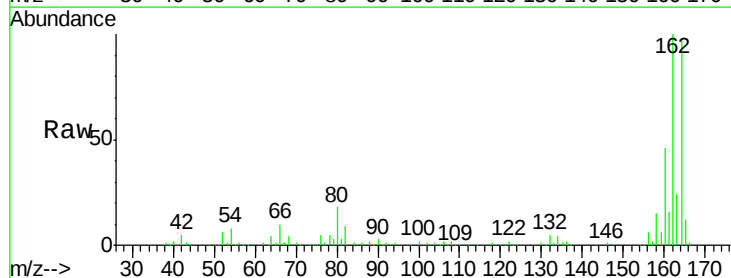
Instrument :
 BNA_F
 ClientSampleId :
 DSN001

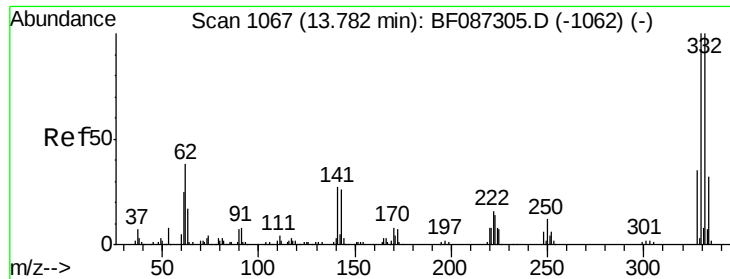
Tgt Ion: 82 Resp: 722219
 Ion Ratio Lower Upper
 82 100
 128 38.0 40.6 61.0#
 54 70.6 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.34 min Scan# 941
 Delta R.T. -0.05 min
 Lab File: BF087454.D
 Acq: 27 May 2016 21:27

Tgt Ion: 164 Resp: 221815
 Ion Ratio Lower Upper
 164 100
 162 103.1 82.8 124.2
 160 48.0 36.9 55.3

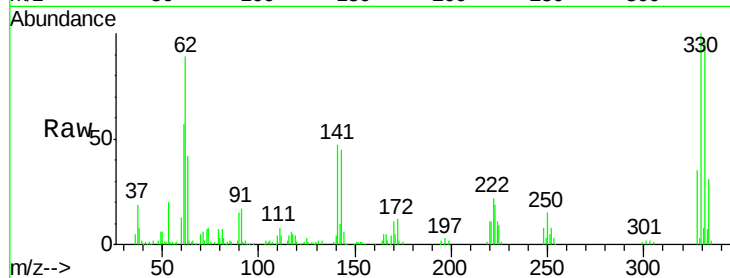




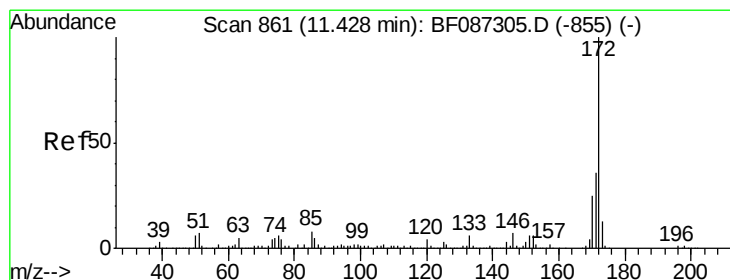
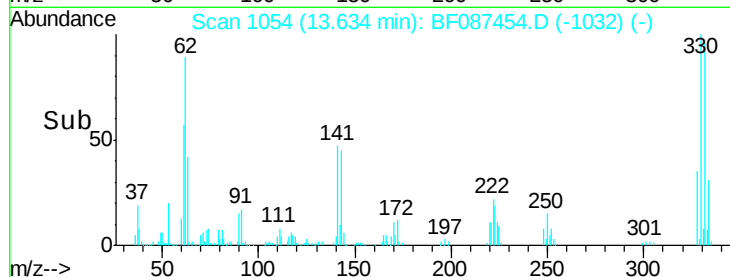
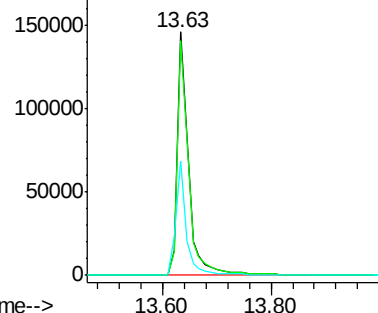
#41
 2,4,6-Tribromophenol
 Concen: 97.98 ng
 RT: 13.63 min Scan# 1054
 Delta R.T. -0.05 min
 Lab File: BF087454.D
 Acq: 27 May 2016 21:27

Instrument :
 BNA_F
 ClientSampleId :
 DSN001

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.5	79.0	118.4
141	44.3	31.2	46.8

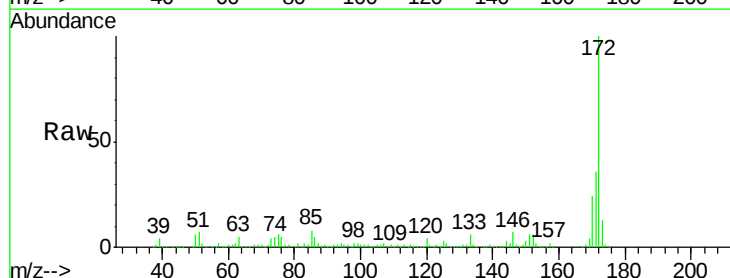


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

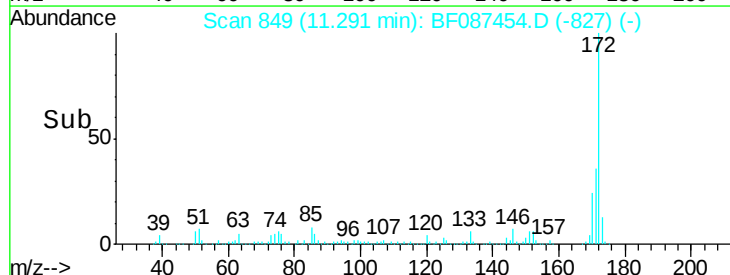
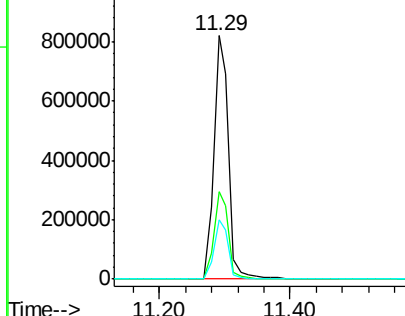


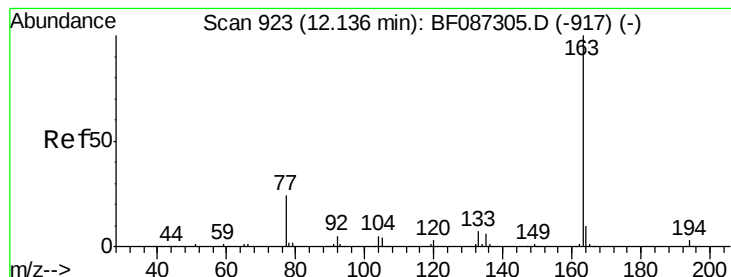
#44
 2-Fluorobiphenyl
 Concen: 82.80 ng
 RT: 11.29 min Scan# 849
 Delta R.T. -0.05 min
 Lab File: BF087454.D
 Acq: 27 May 2016 21:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	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





#49

Dimethylphthalate

Concen: 3.12 ng

RT: 12.00 min Scan# 911

Delta R.T. -0.05 min

Lab File: BF087454.D

Acq: 27 May 2016 21:27

Instrument :

BNA_F

ClientSampleId :

DSN001

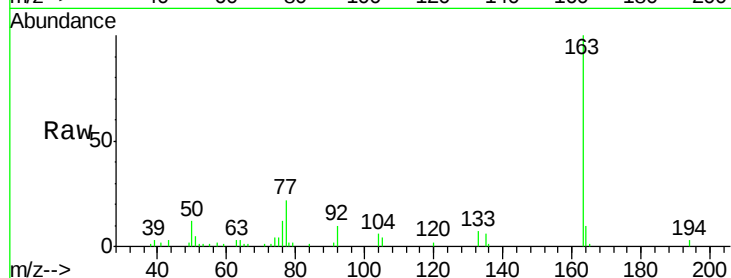
Tgt Ion:163 Resp: 55479

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

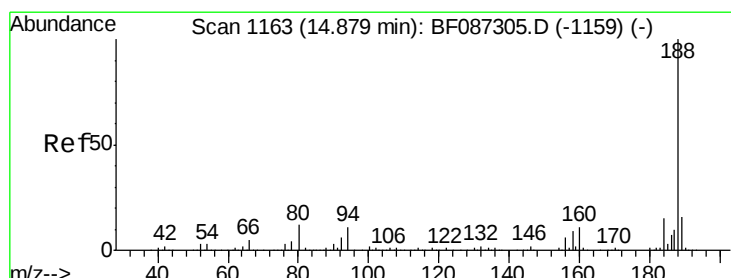
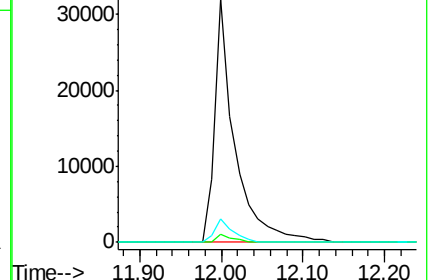
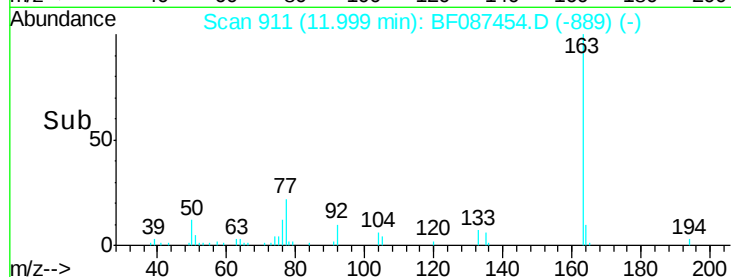
164 9.7 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.74 min Scan# 1151

Delta R.T. -0.03 min

Lab File: BF087454.D

Acq: 27 May 2016 21:27

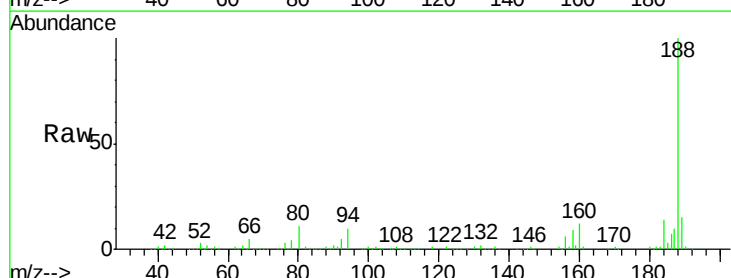
Tgt Ion:188 Resp: 423190

Ion Ratio Lower Upper

188 100

94 9.6 6.8 10.2

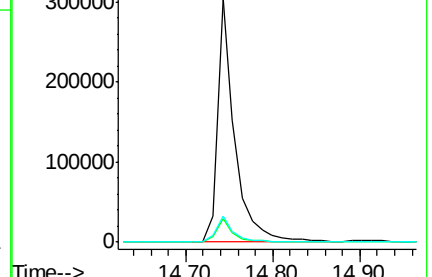
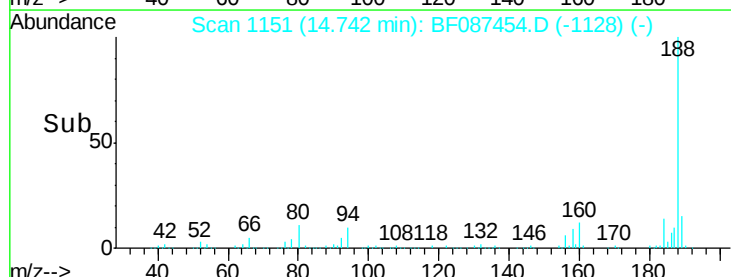
80 10.6 7.1 10.7

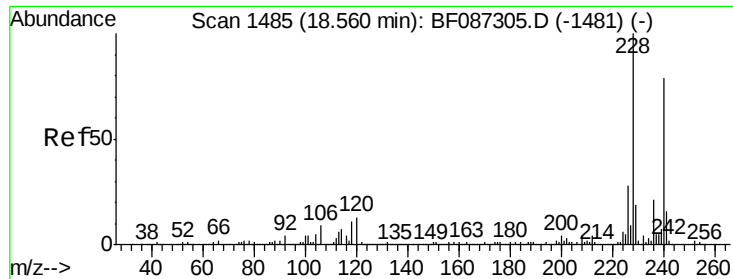


Abundance Ion 188.00 (187.70 to 188.70): E

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: 18.45 min Scan# 1475

Delta R.T. -0.03 min

Lab File: BF087454.D

Acq: 27 May 2016 21:27

Instrument :

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DSN001

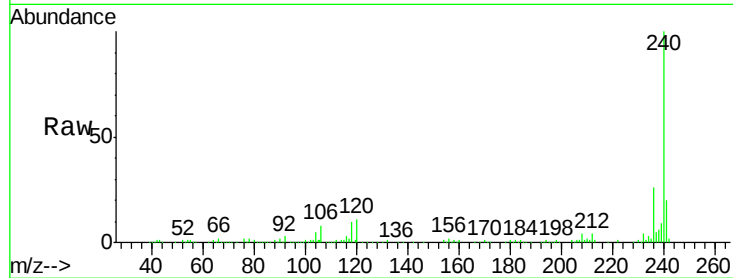
Tgt Ion:240 Resp: 358142

Ion Ratio Lower Upper

240 100

120 11.5 11.2 16.8

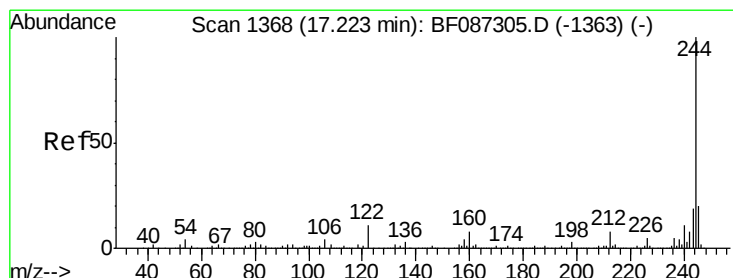
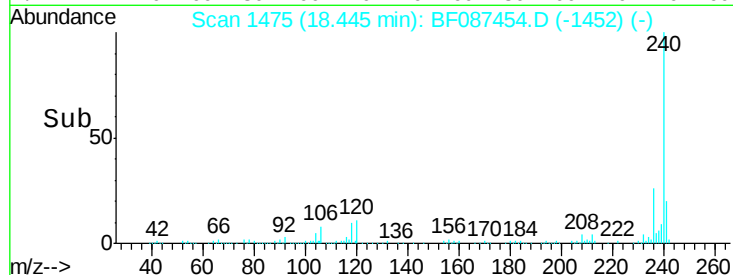
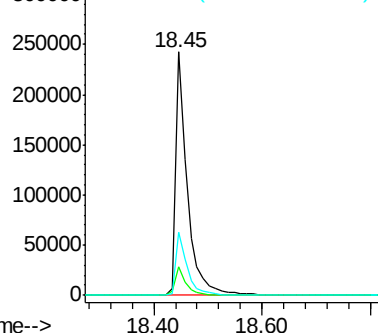
236 26.1 21.2 31.8



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: 73.53 ng

RT: 17.10 min Scan# 1357

Delta R.T. -0.03 min

Lab File: BF087454.D

Acq: 27 May 2016 21:27

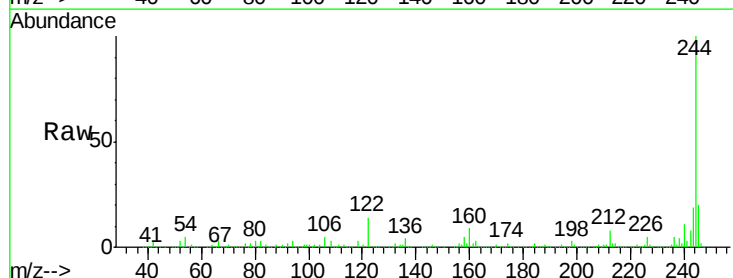
Tgt Ion:244 Resp: 1238619

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

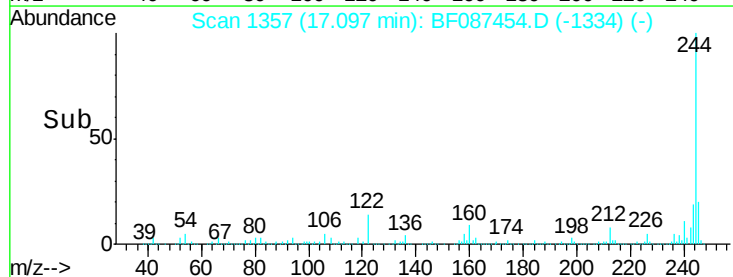
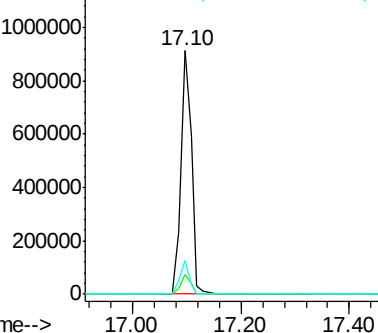
122 14.0 12.0 18.0

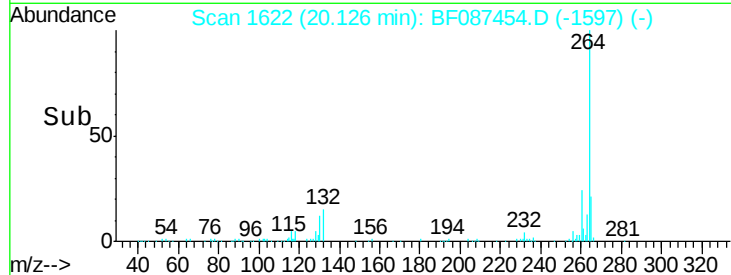
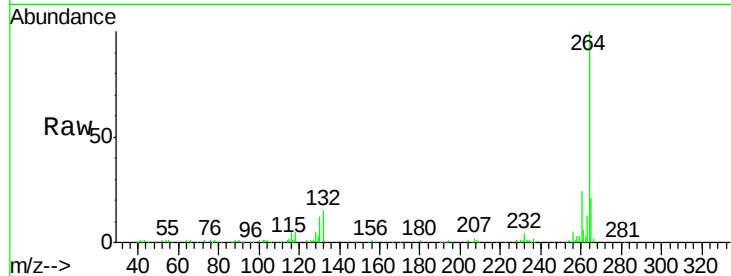
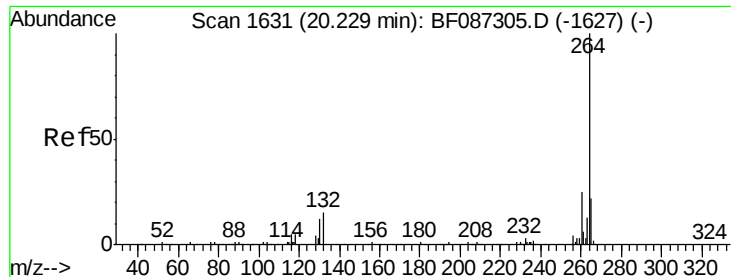


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF087454.D
Acq: 27 May 2016 21:27

Instrument :
BNA_F
ClientSampleId :
DSN001

Tgt Ion:	264	Resp:	243903
Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	21.5	17.3	25.9

