

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052416\
 Data File : BF087359.D
 Acq On : 25 May 2016 3:04
 Operator : UM/SJ
 Sample : H3211-22
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TA-1320-(0-4)

Quant Time: May 25 05:18:37 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 00:58:25 2016
 Response via : Initial Calibration

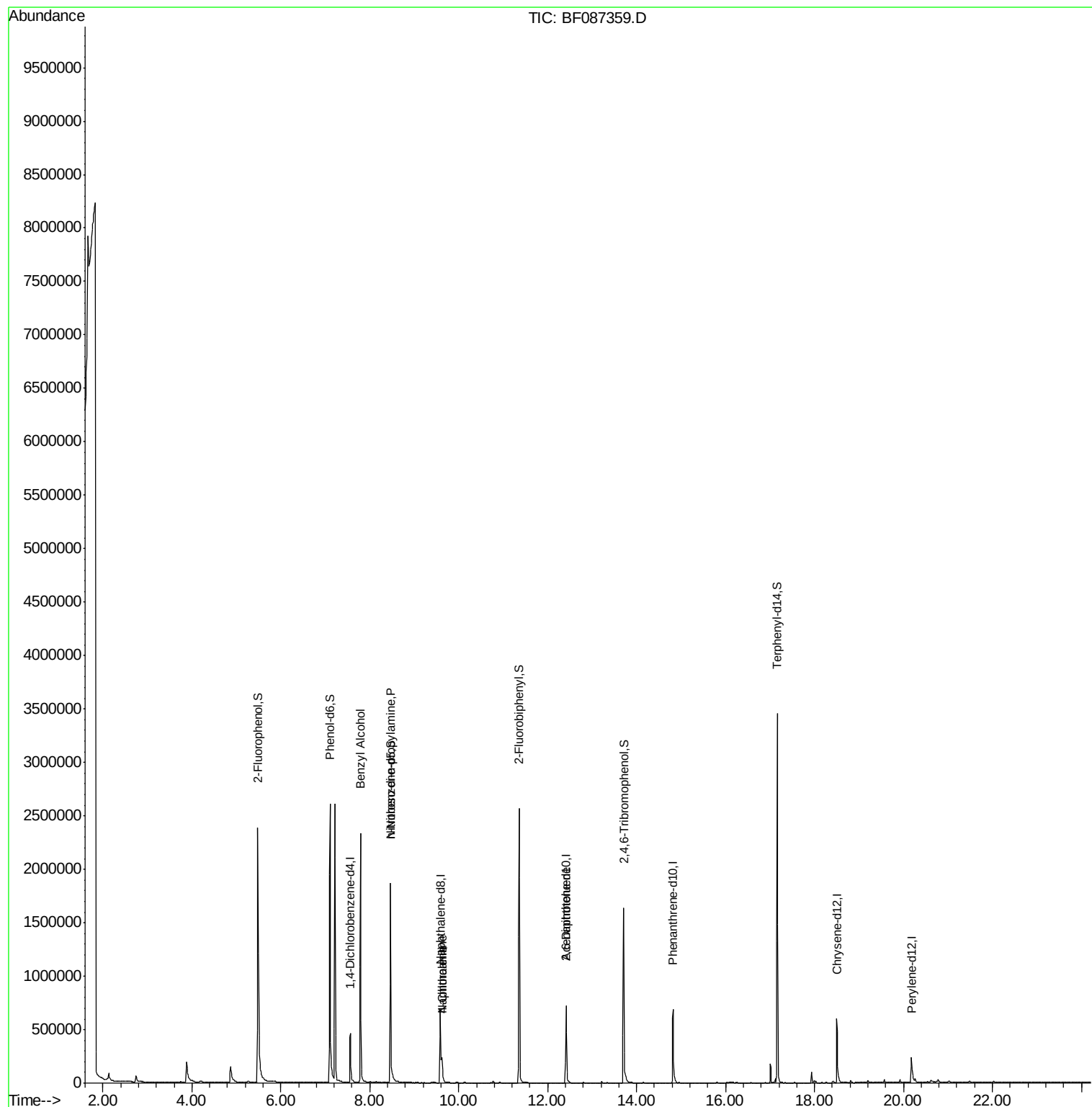
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	113216	20.00	ng	0.00
21) Naphthalene-d8	9.59	136	456087	20.00	ng	-0.01
38) Acenaphthene-d10	12.41	164	214696	20.00	ng	-0.01
63) Phenanthrene-d10	14.82	188	445359	20.00	ng	0.00
75) Chrysene-d12	18.50	240	346102	20.00	ng	-0.01
86) Perylene-d12	20.18	264	127331	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	917333	142.37	ng	0.02
7) Phenol-d6	7.11	99	1238555	142.26	ng	0.00
23) Nitrobenzene-d5	8.47	82	812047	89.73	ng	-0.02
41) 2,4,6-Tribromophenol	13.71	330	317853	154.06	ng	-0.01
44) 2-Fluorobiphenyl	11.36	172	1389397	91.23	ng	-0.02
78) Terphenyl-d14	17.17	244	1395975	85.75	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	7.79	79	14371	2.26	ng	# 44
19) n-Nitroso-di-n-propylamine	8.47	70	108795	16.76	ng	# 73
31) Naphthalene	9.62	128	199361	8.72	ng	100
33) 4-Chloroaniline	9.62	127	25349	3.01	ng	# 35
50) 2,6-Dinitrotoluene	12.41	165	24840	7.17	ng	# 21

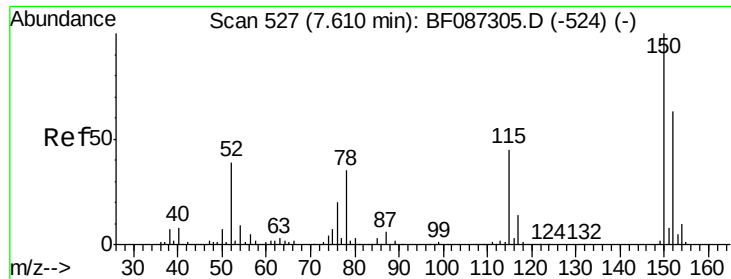
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.56 min Scan# 523

Delta R.T. -0.00 min

Lab File: BF087359.D

Acq: 25 May 2016 3:04

Instrument :

BNA_F

ClientSampleId :

TA-1320-(0-4)

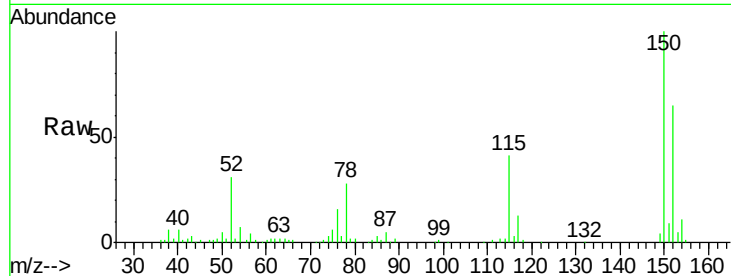
Tgt Ion:152 Resp: 113216

Ion Ratio Lower Upper

152 100

150 154.2 125.8 188.6

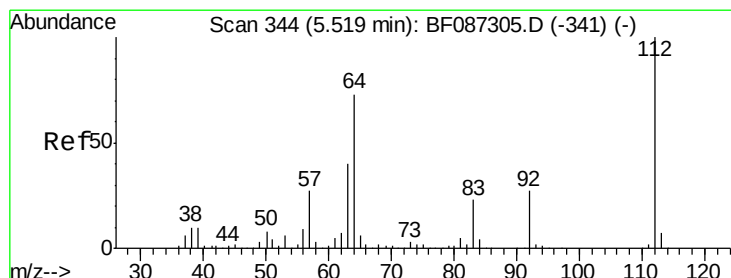
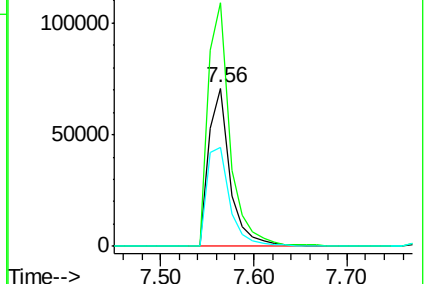
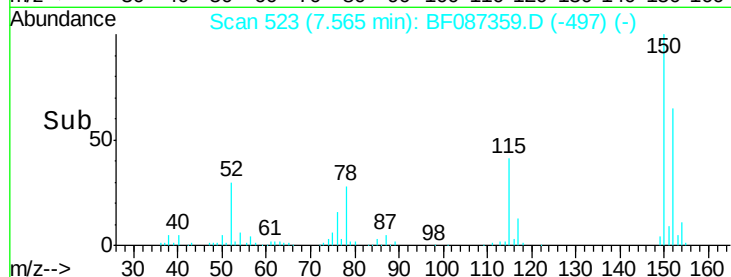
115 63.0 51.5 77.3



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



#5

2-Fluorophenol

Concen: 142.37 ng

RT: 5.48 min Scan# 341

Delta R.T. 0.02 min

Lab File: BF087359.D

Acq: 25 May 2016 3:04

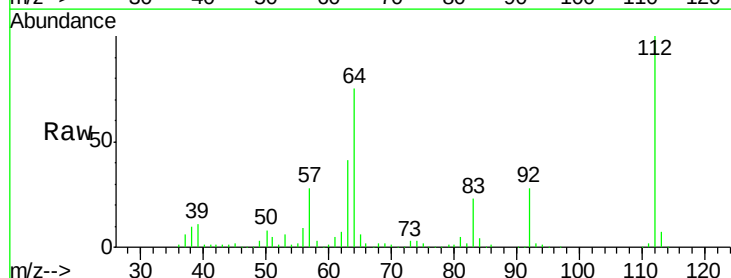
Tgt Ion:112 Resp: 917333

Ion Ratio Lower Upper

112 100

64 75.5 52.1 78.1

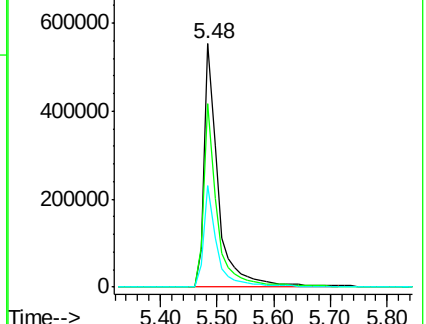
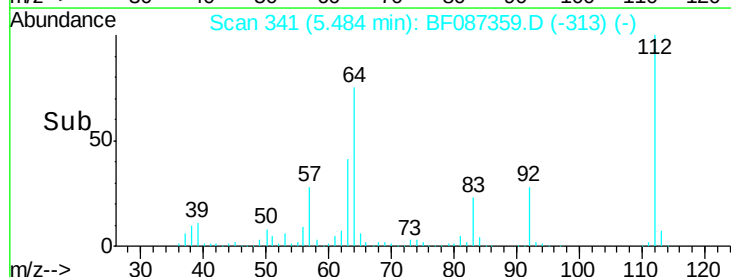
63 41.5 25.7 38.5#

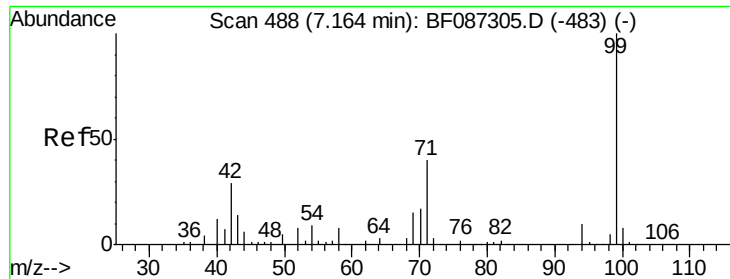


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 142.26 ng

RT: 7.11 min Scan# 483

Delta R.T. -0.00 min

Lab File: BF087359.D

Acq: 25 May 2016 3:04

Instrument :

BNA_F

ClientSampleId :

TA-1320-(0-4)

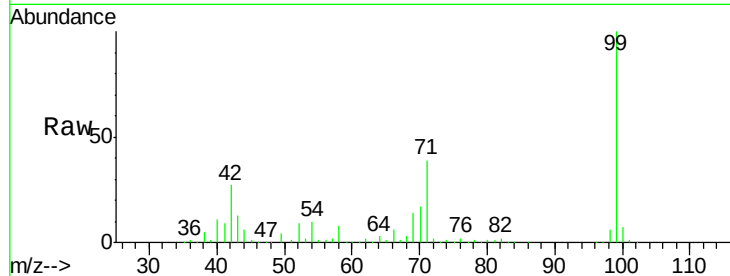
Tgt Ion: 99 Resp: 1238555

Ion Ratio Lower Upper

99 100

42 26.7 13.6 20.4#

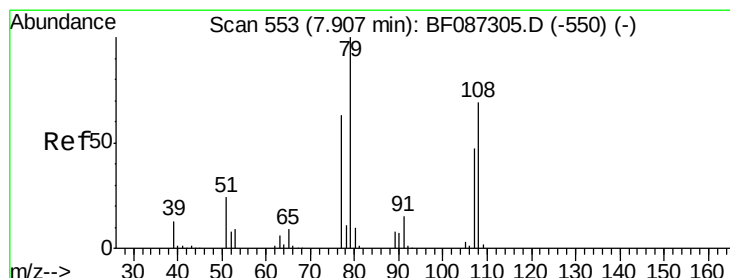
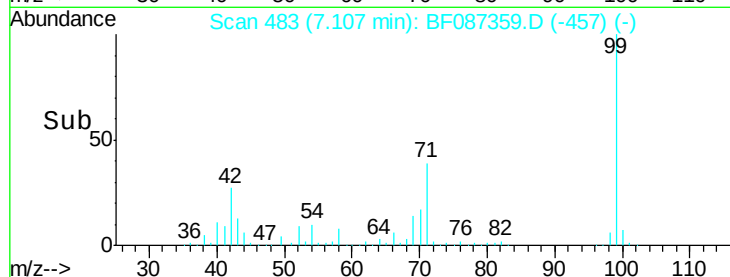
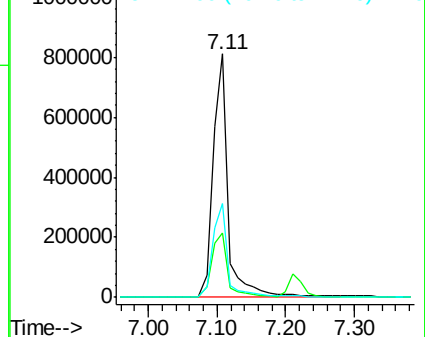
71 38.5 24.6 36.8#



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: 2.26 ng

RT: 7.79 min Scan# 543

Delta R.T. -0.07 min

Lab File: BF087359.D

Acq: 25 May 2016 3:04

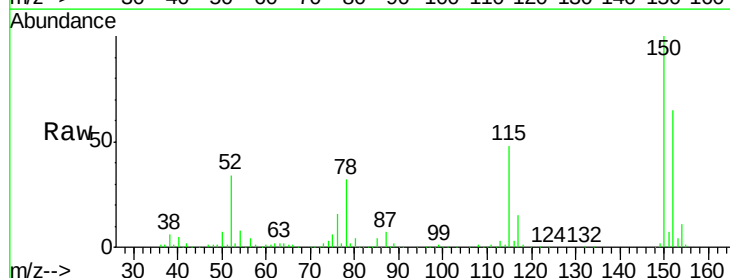
Tgt Ion: 79 Resp: 14371

Ion Ratio Lower Upper

79 100

108 31.9 68.4 102.6#

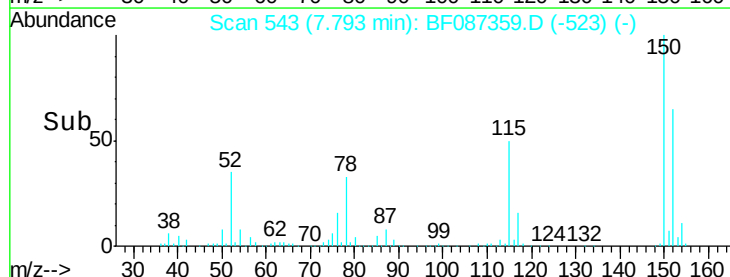
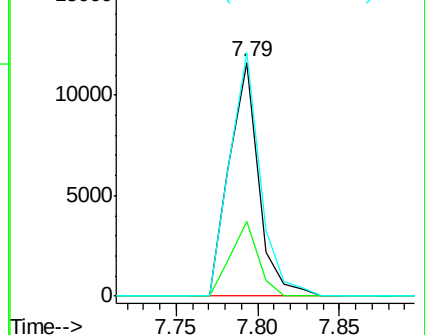
77 104.2 50.6 76.0#

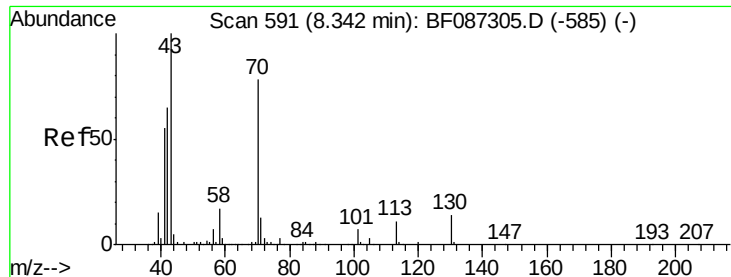


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

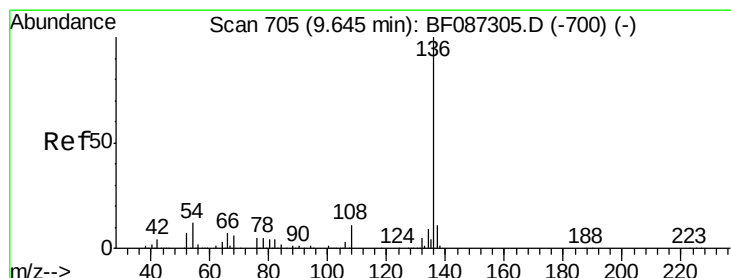
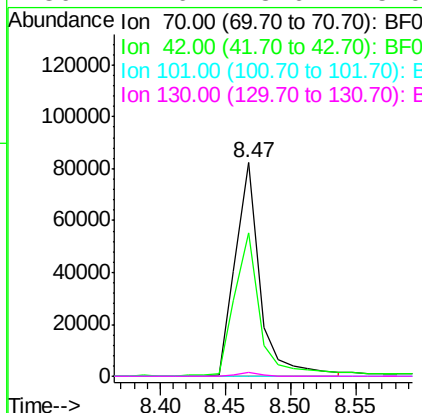
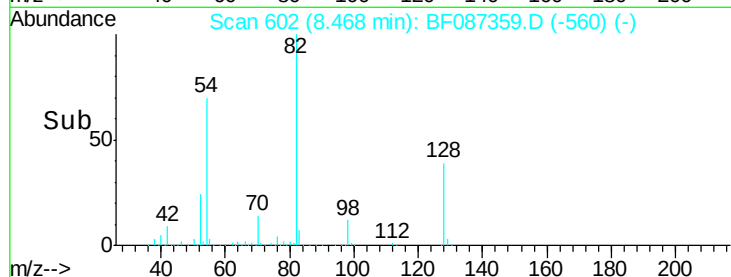
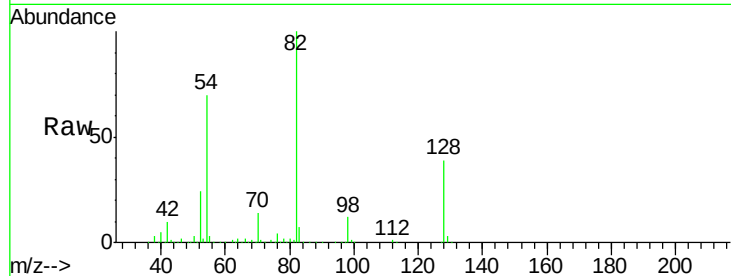




#19
n-Nitroso-di-n-propylamine
Concen: 16.76 ng
RT: 8.47 min Scan# 602
Delta R.T. 0.18 min
Lab File: BF087359.D
Acq: 25 May 2016 3:04

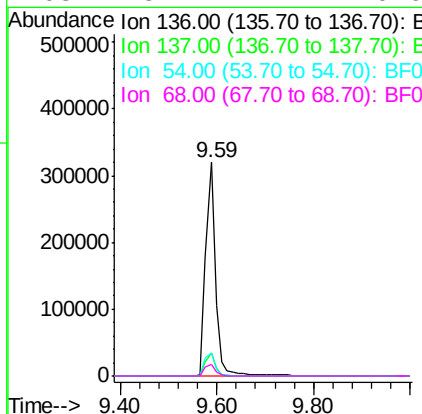
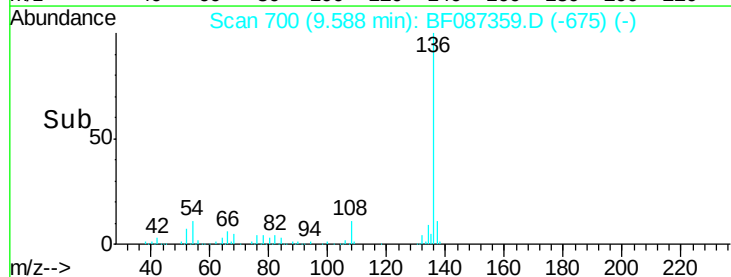
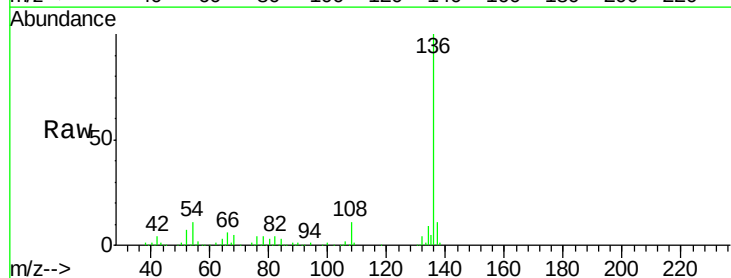
Instrument :
BNA_F
ClientSampleId :
TA-1320-(0-4)

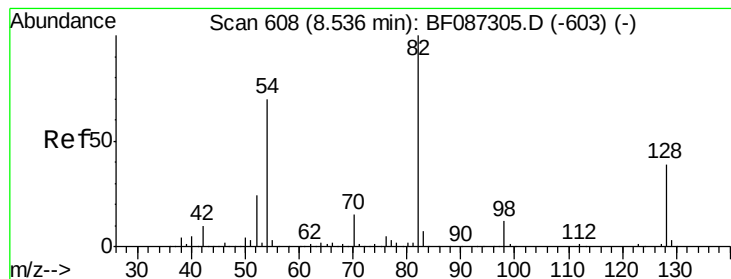
Tgt Ion: 70 Resp: 108795
Ion Ratio Lower Upper
70 100
42 67.3 43.1 64.7#
101 0.0 8.1 12.1#
130 1.6 18.6 28.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.01 min
Lab File: BF087359.D
Acq: 25 May 2016 3:04

Tgt Ion: 136 Resp: 456087
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 10.9 5.0 7.4#
68 5.4 4.4 6.6





#23

Nitrobenzene-d5

Concen: 89.73 ng

RT: 8.47 min Scan# 602

Delta R.T. -0.02 min

Lab File: BF087359.D

Acq: 25 May 2016 3:04

Instrument :

BNA_F

ClientSampleId :

TA-1320-(0-4)

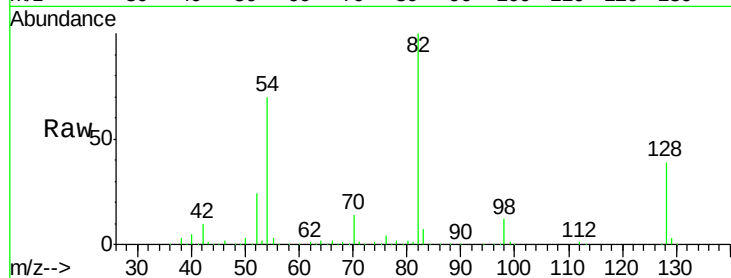
Tgt Ion: 82 Resp: 812047

Ion Ratio Lower Upper

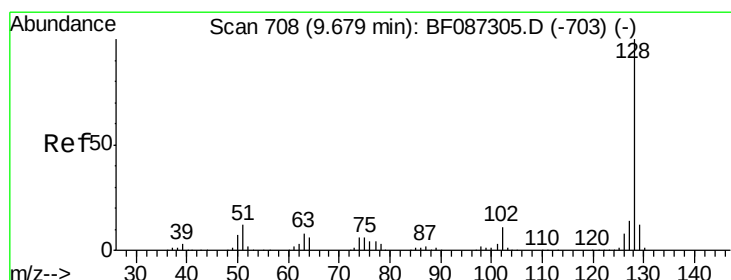
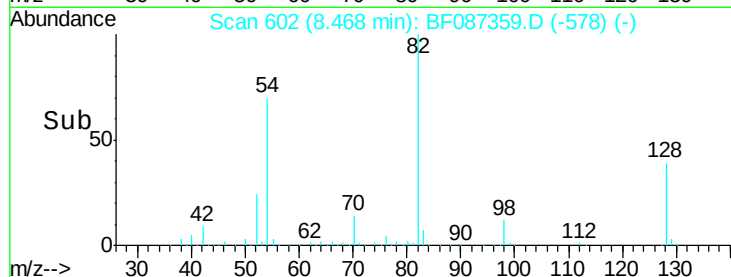
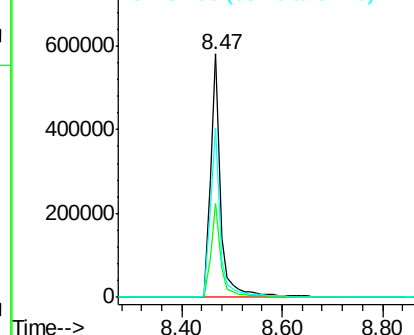
82 100

128 38.5 40.6 61.0#

54 69.6 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



#31

Naphthalene

Concen: 8.72 ng

RT: 9.62 min Scan# 703

Delta R.T. -0.01 min

Lab File: BF087359.D

Acq: 25 May 2016 3:04

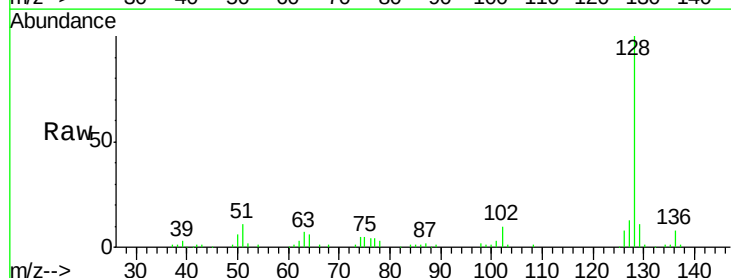
Tgt Ion: 128 Resp: 199361

Ion Ratio Lower Upper

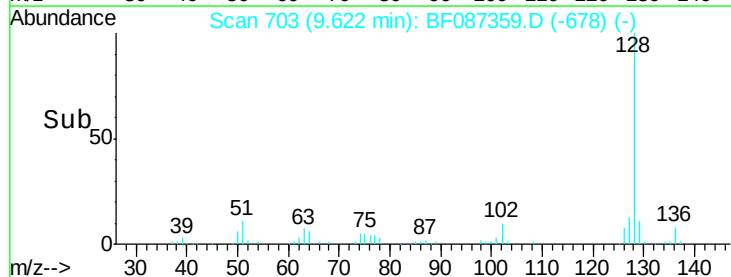
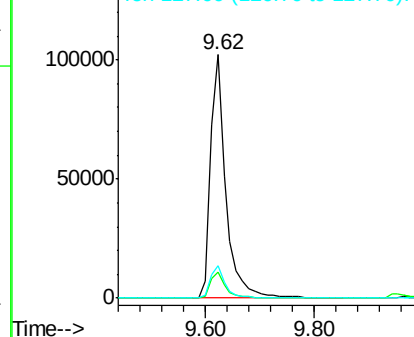
128 100

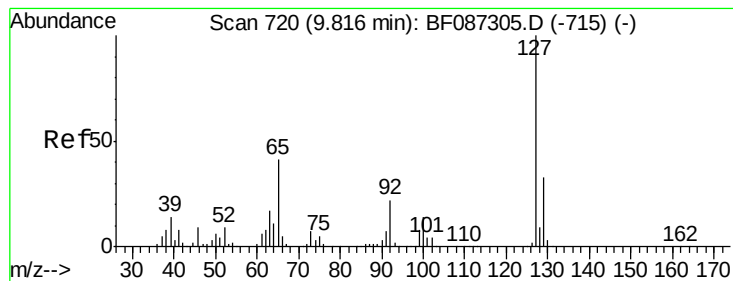
129 10.9 8.6 13.0

127 13.3 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E





#33

4-Chloroaniline

Concen: 3.01 ng

RT: 9.62 min Scan# 703

Delta R.T. -0.15 min

Lab File: BF087359.D

Acq: 25 May 2016 3:04

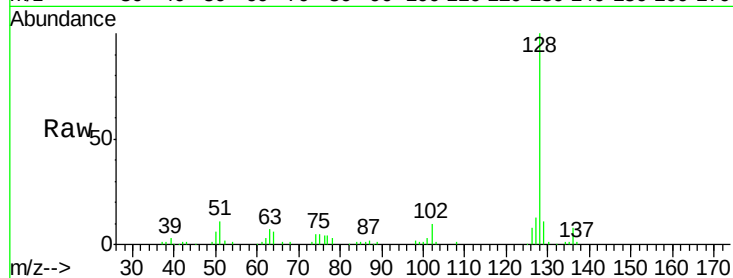
Instrument :

BNA_F

ClientSampleId :

TA-1320-(0-4)

Tgt Ion:	127	Resp:	25349
Ion Ratio		Lower	Upper
127	100		
129	81.9	26.2	39.4#
65	0.0	23.0	34.4#
92	0.0	15.1	22.7#

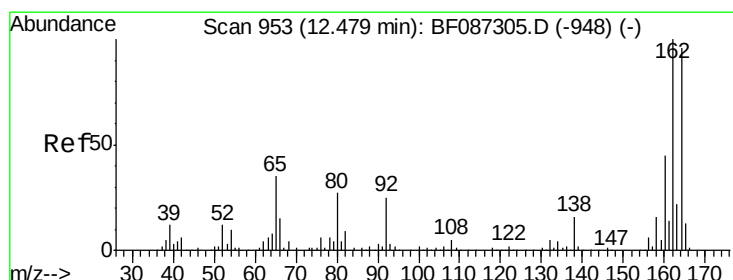
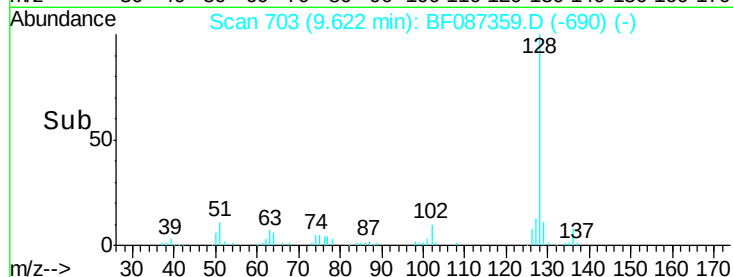
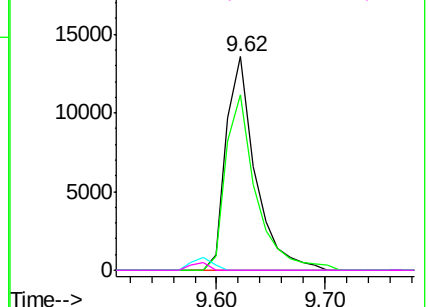


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

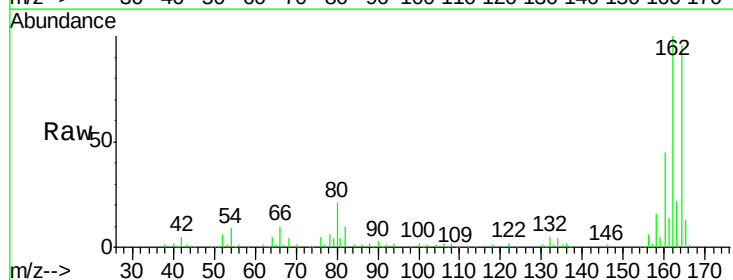
RT: 12.41 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF087359.D

Acq: 25 May 2016 3:04

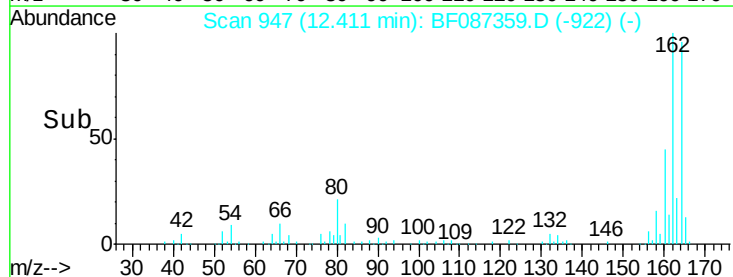
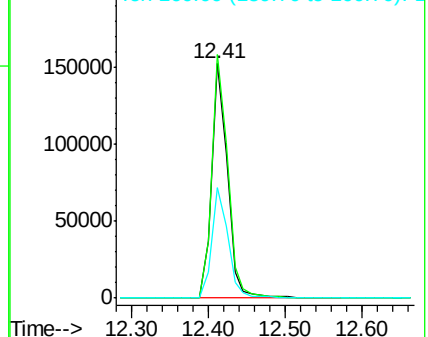
Tgt Ion:	164	Resp:	214696
Ion Ratio		Lower	Upper
164	100		
162	103.8	82.8	124.2
160	47.1	36.9	55.3

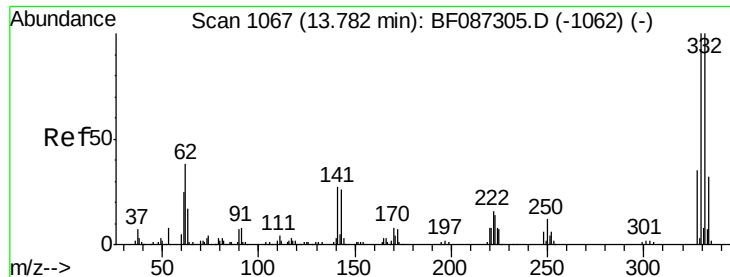


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 154.06 ng

RT: 13.71 min Scan# 1061

Delta R.T. -0.01 min

Lab File: BF087359.D

Acq: 25 May 2016 3:04

Instrument :

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ClientSampleId :

TA-1320-(0-4)

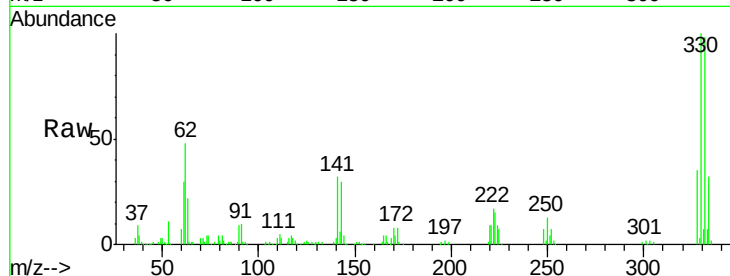
Tgt Ion:330 Resp: 317853

Ion Ratio Lower Upper

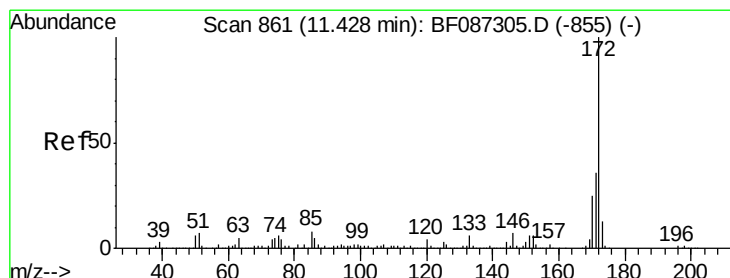
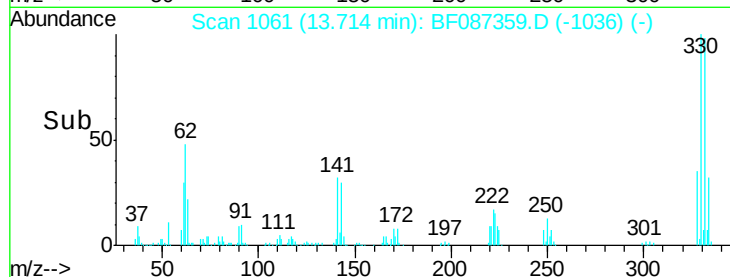
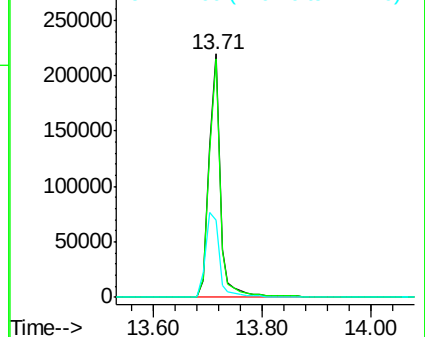
330 100

332 98.0 79.0 118.4

141 42.9 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: 91.23 ng

RT: 11.36 min Scan# 855

Delta R.T. -0.02 min

Lab File: BF087359.D

Acq: 25 May 2016 3:04

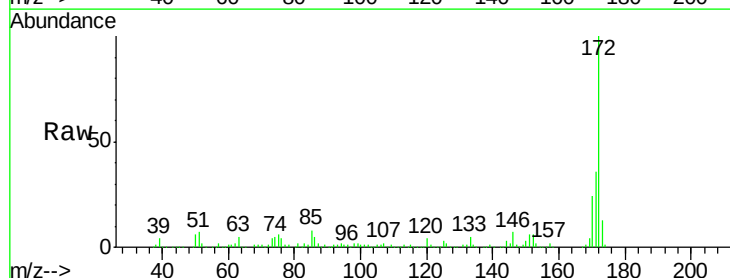
Tgt Ion:172 Resp: 1389397

Ion Ratio Lower Upper

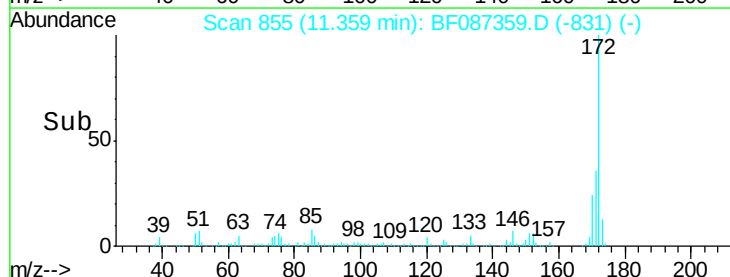
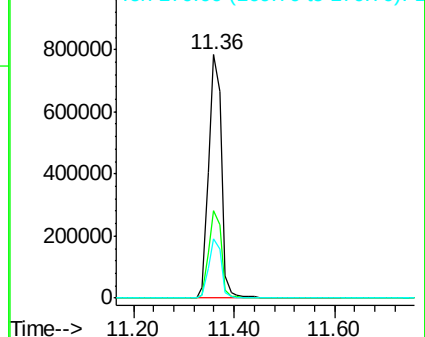
172 100

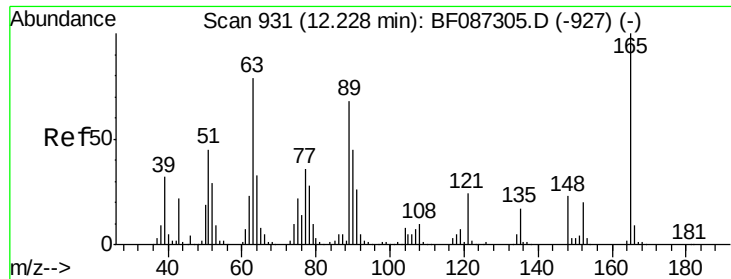
171 36.1 29.0 43.6

170 24.4 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

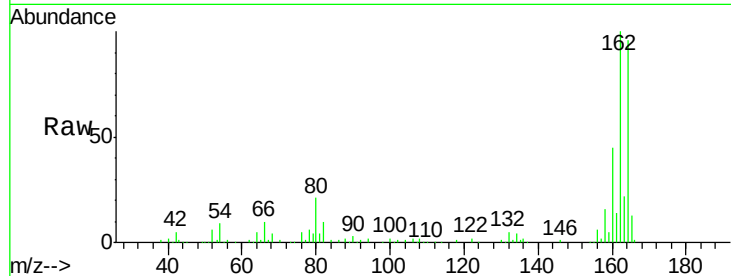




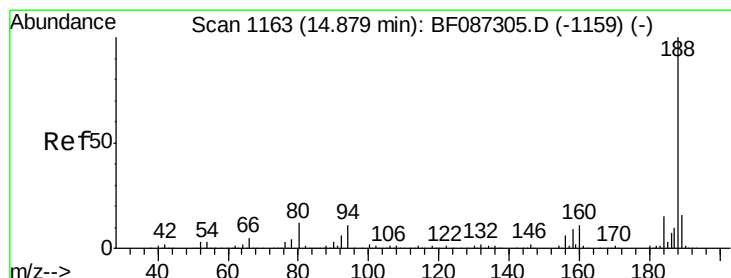
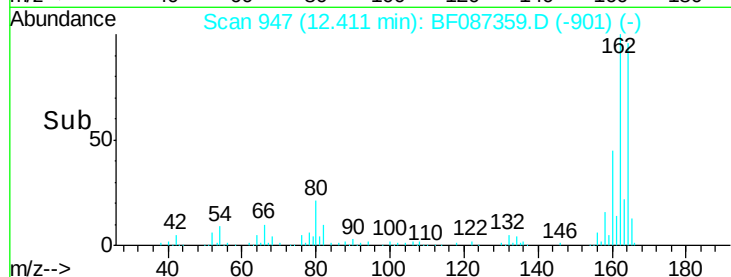
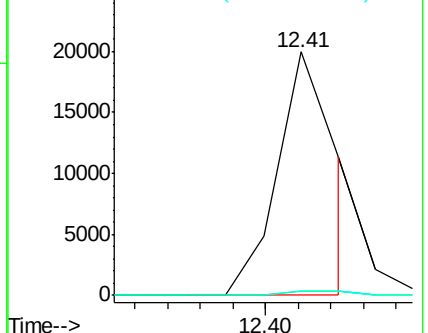
#50
 2,6-Dinitrotoluene
 Concen: 7.17 ng
 RT: 12.41 min Scan# 947
 Delta R.T. 0.23 min
 Lab File: BF087359.D
 Acq: 25 May 2016 3:04

Instrument :
 BNA_F
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 TA-1320-(0-4)

Tgt Ion:165 Resp: 24840
 Ion Ratio Lower Upper
 165 100
 63 1.9 51.8 77.8#
 89 2.0 50.7 76.1#

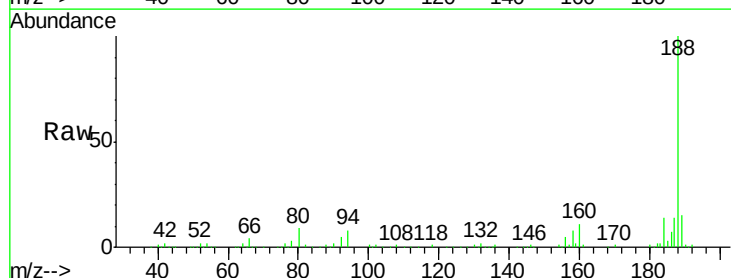


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

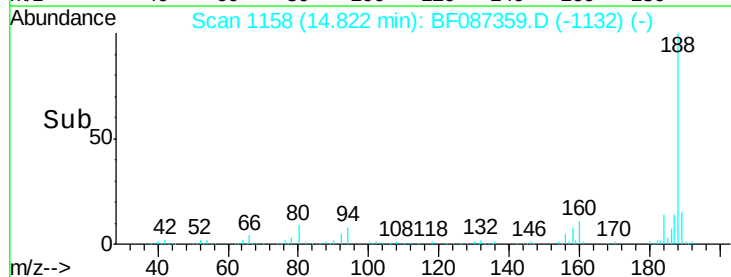
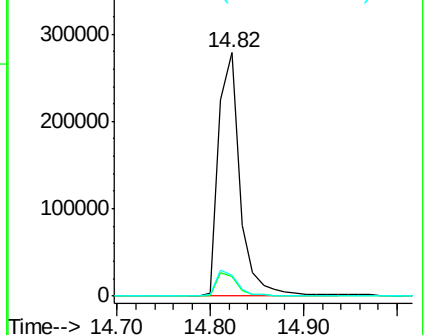


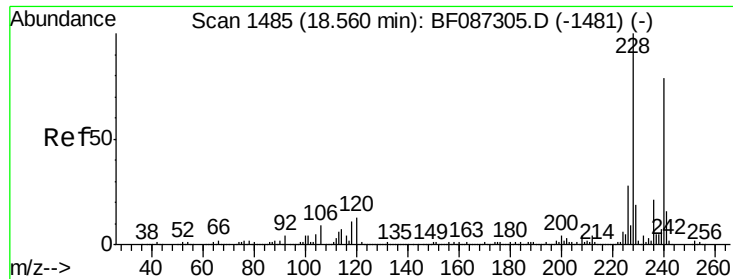
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.82 min Scan# 1158
 Delta R.T. -0.00 min
 Lab File: BF087359.D
 Acq: 25 May 2016 3:04

Tgt Ion:188 Resp: 445359
 Ion Ratio Lower Upper
 188 100
 94 7.8 6.8 10.2
 80 8.7 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: 18.50 min Scan# 1480

Delta R.T. -0.01 min

Lab File: BF087359.D

Acq: 25 May 2016 3:04

Instrument :

BNA_F

ClientSampleId :

TA-1320-(0-4)

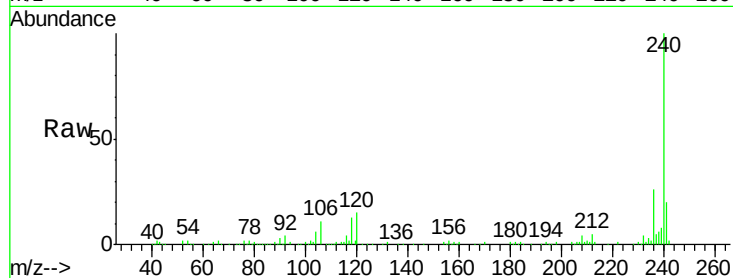
Tgt Ion:240 Resp: 346102

Ion Ratio Lower Upper

240 100

120 14.7 11.2 16.8

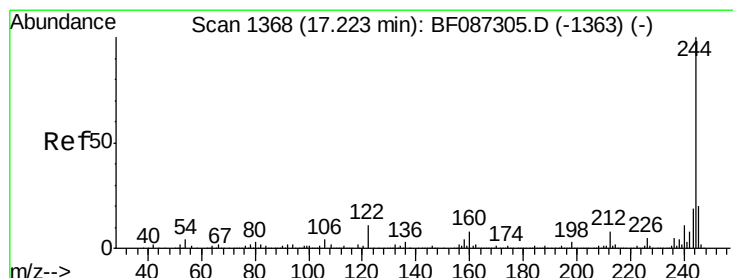
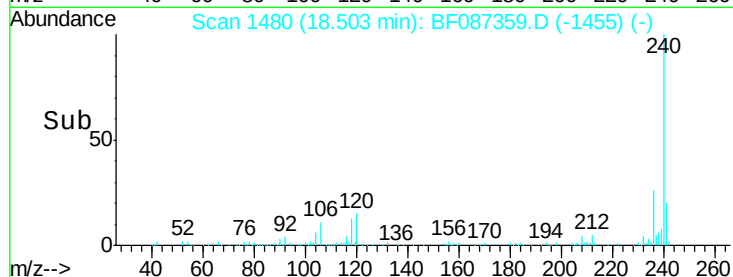
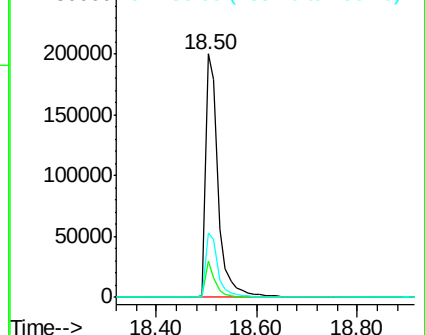
236 26.4 21.2 31.8



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: 85.75 ng

RT: 17.17 min Scan# 1363

Delta R.T. -0.01 min

Lab File: BF087359.D

Acq: 25 May 2016 3:04

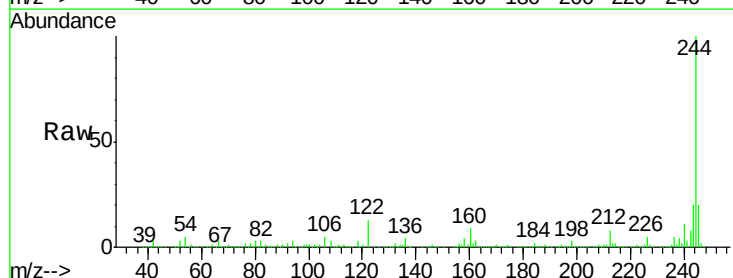
Tgt Ion:244 Resp: 1395975

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

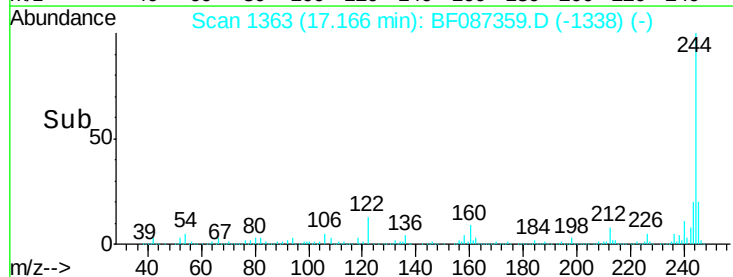
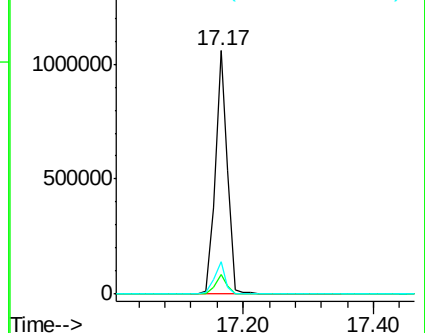
122 13.4 12.0 18.0

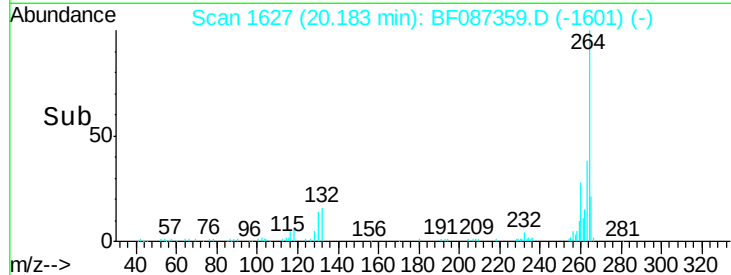
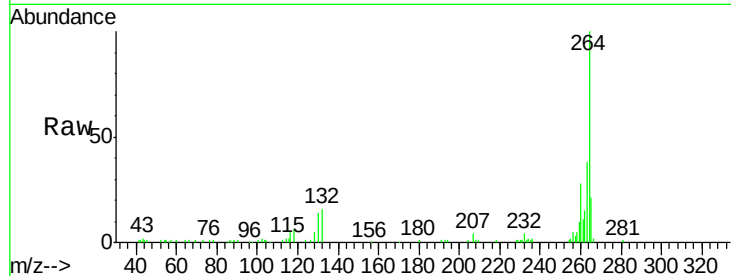
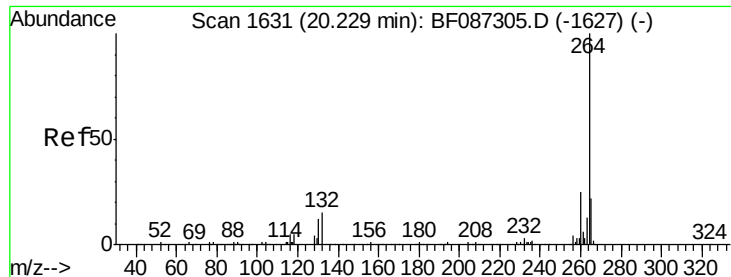


Abundance Ion 244.00 (243.70 to 244.70): E

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: 20.18 min Scan# 1627
Delta R.T. -0.00 min
Lab File: BF087359.D
Acq: 25 May 2016 3:04

Instrument :
BNA_F
ClientSampleId :
TA-1320-(0-4)

Tgt Ion:	264	Resp:	127331
Ion	Ratio	Lower	Upper
264	100		
260	27.9	19.5	29.3
265	20.9	17.3	25.9

