

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053116\
 Data File : BF087596.D
 Acq On : 31 May 2016 23:43
 Operator : UM/SJ
 Sample : H3268-09RE
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STA-TA-1261+50(0-4)RE

Quant Time: Jun 01 00:54:28 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

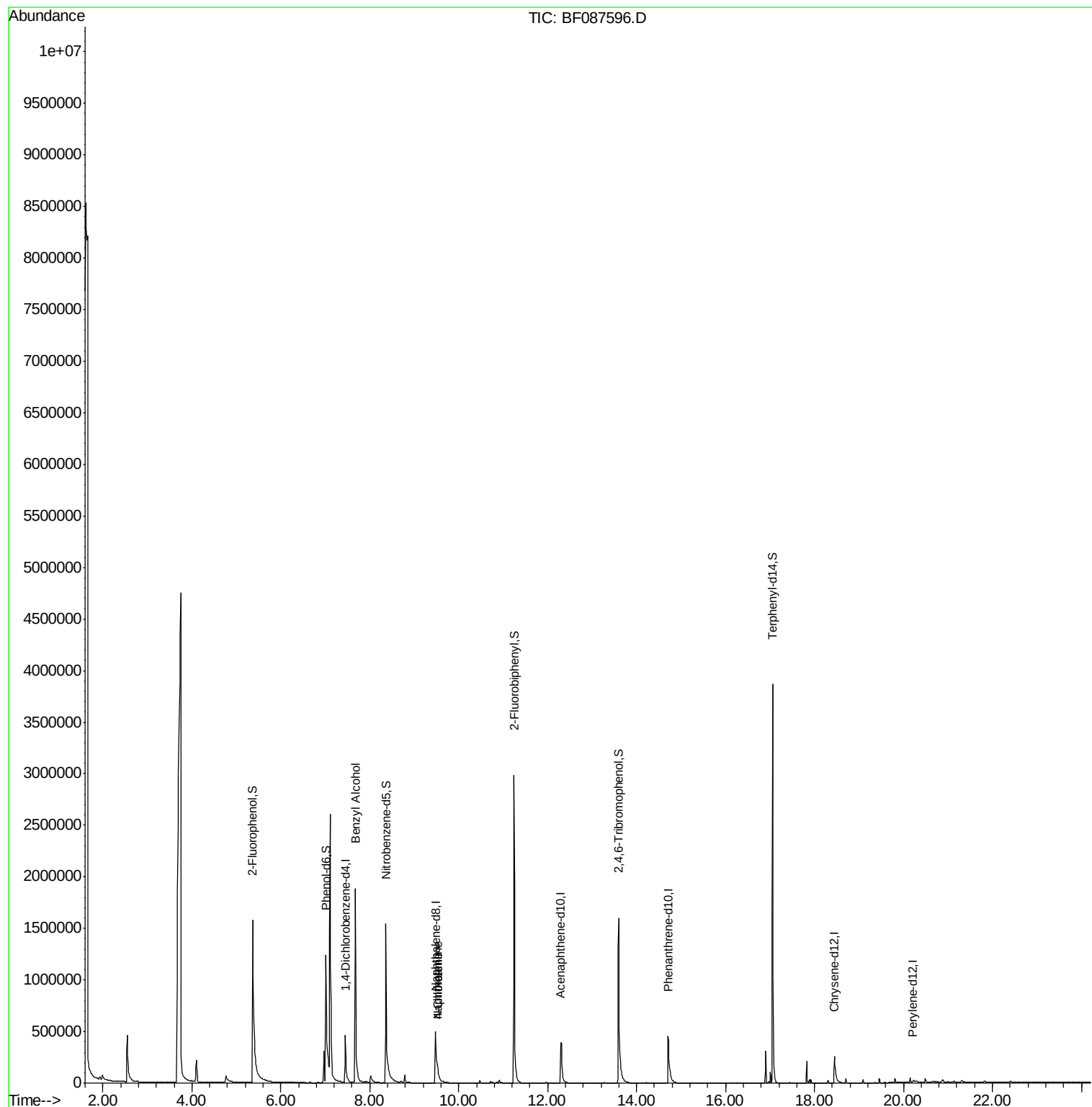
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	111884	20.00	ng	-0.07
21) Naphthalene-d8	9.48	136	482809	20.00	ng	-0.07
38) Acenaphthene-d10	12.30	164	145486	20.00	ng	-0.09
63) Phenanthrene-d10	14.71	188	414612	20.00	ng	-0.07
75) Chrysene-d12	18.45	240	186662	20.00	ng	-0.03
86) Perylene-d12	20.21	264	1610	20.00	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	870014	136.64	ng	-0.05
7) Phenol-d6	7.02	99	875456	101.75	ng	-0.06
23) Nitrobenzene-d5	8.36	82	863441	90.13	ng	-0.08
41) 2,4,6-Tribromophenol	13.60	330	328702	235.11	ng	-0.08
44) 2-Fluorobiphenyl	11.24	172	1440741	139.61	ng	-0.09
78) Terphenyl-d14	17.06	244	1373904	156.48	ng	-0.07
Target Compounds						
15) Benzyl Alcohol	7.68	79	14629	2.33	ng	# 40
31) Naphthalene	9.52	128	176588	7.30	ng	99
33) 4-Chloroaniline	9.52	127	22316	2.50	ng	# 34

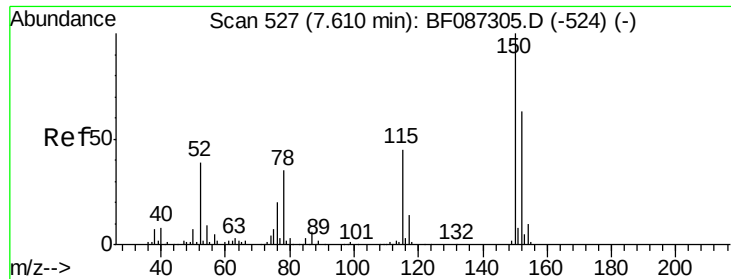
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.45 min Scan# 513

Delta R.T. -0.07 min

Lab File: BF087596.D

Acq: 31 May 2016 23:43

Instrument :

BNA_F

ClientSampleId :

STA-TA-1261+50(0-4)RE

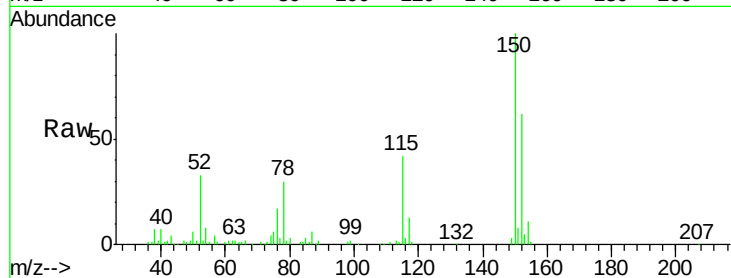
Tgt Ion:152 Resp: 111884

Ion Ratio Lower Upper

152 100

150 161.9 125.8 188.6

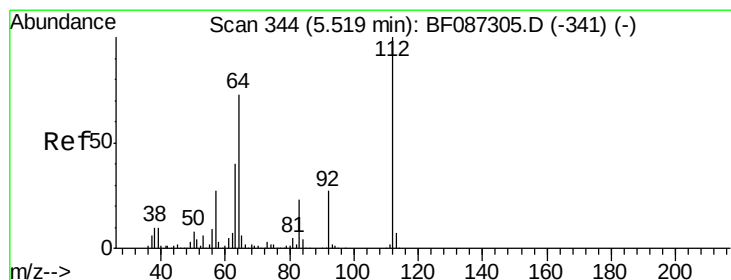
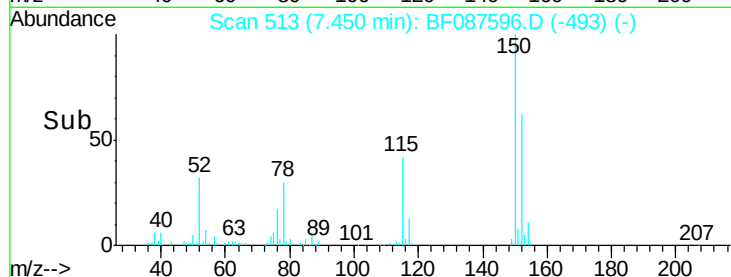
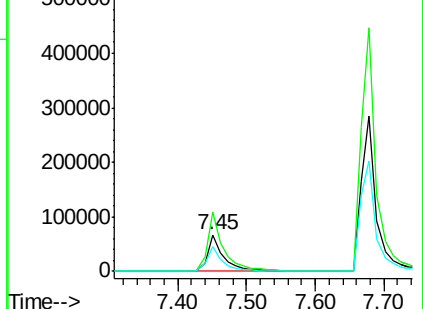
115 67.3 51.5 77.3



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: 136.64 ng

RT: 5.37 min Scan# 331

Delta R.T. -0.05 min

Lab File: BF087596.D

Acq: 31 May 2016 23:43

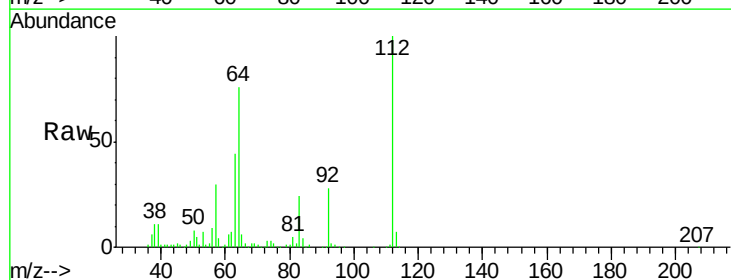
Tgt Ion:112 Resp: 870014

Ion Ratio Lower Upper

112 100

64 76.4 52.1 78.1

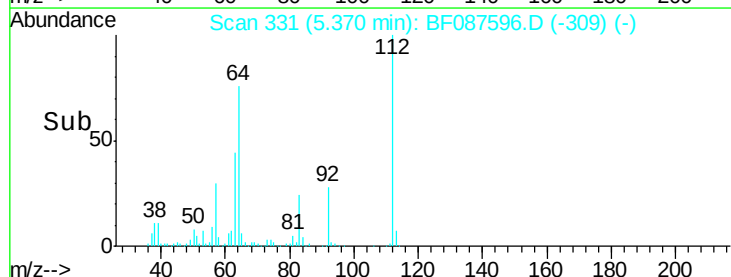
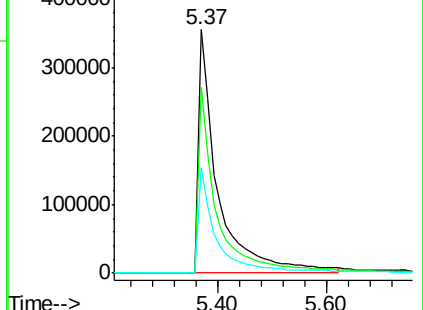
63 43.5 25.7 38.5#

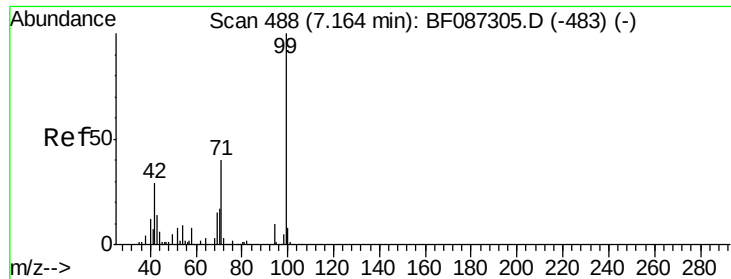


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 101.75 ng

RT: 7.02 min Scan# 475

Delta R.T. -0.06 min

Lab File: BF087596.D

Acq: 31 May 2016 23:43

Instrument :

BNA_F

ClientSampleId :

STA-TA-1261+50(0-4)RE

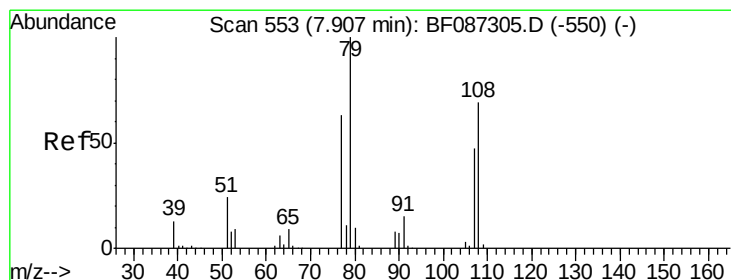
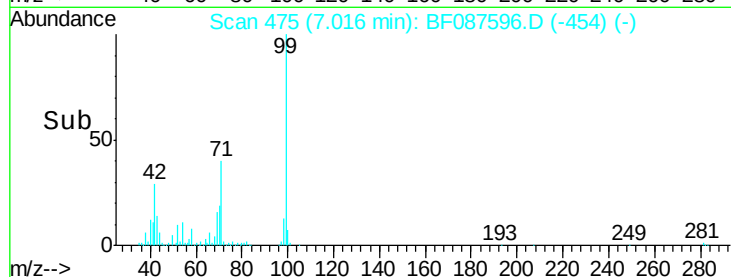
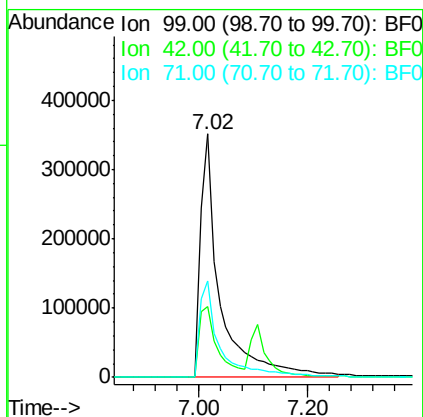
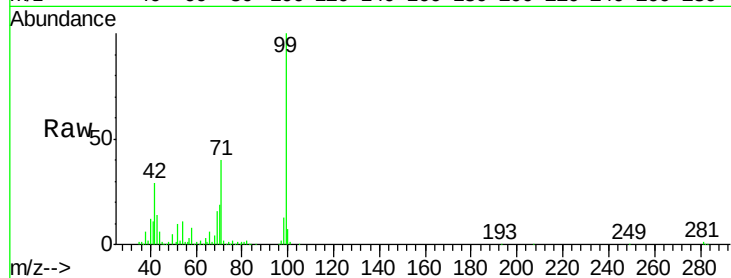
Tgt Ion: 99 Resp: 875456

Ion Ratio Lower Upper

99 100

42 29.1 13.6 20.4#

71 39.7 24.6 36.8#



#15

Benzyl Alcohol

Concen: 2.33 ng

RT: 7.68 min Scan# 533

Delta R.T. -0.14 min

Lab File: BF087596.D

Acq: 31 May 2016 23:43

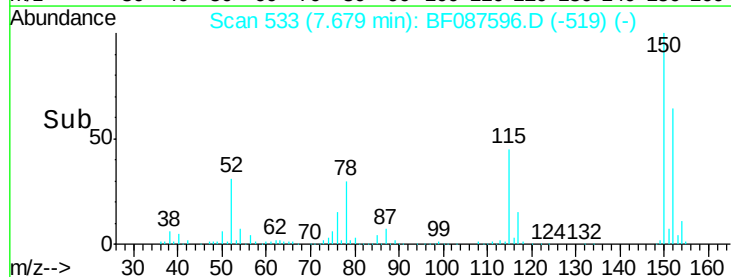
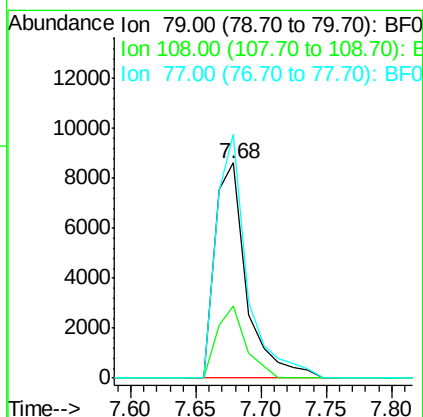
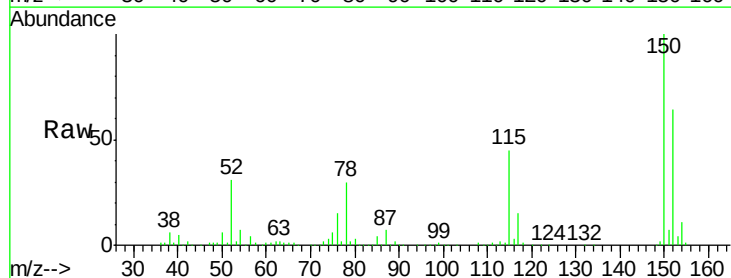
Tgt Ion: 79 Resp: 14629

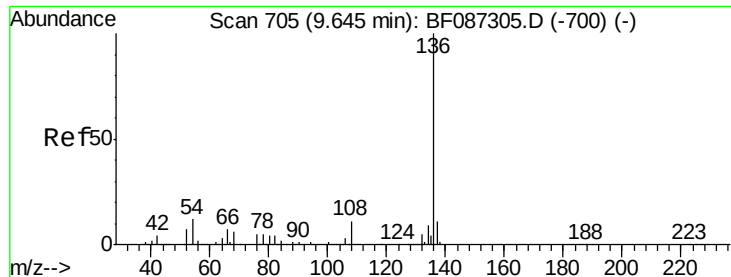
Ion Ratio Lower Upper

79 100

108 33.7 68.4 102.6#

77 113.1 50.6 76.0#

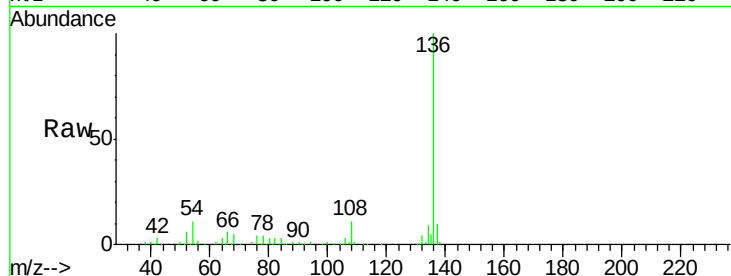




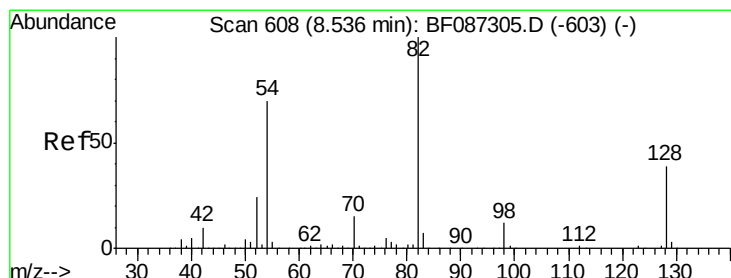
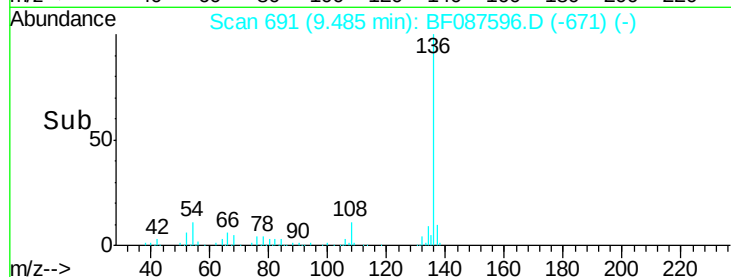
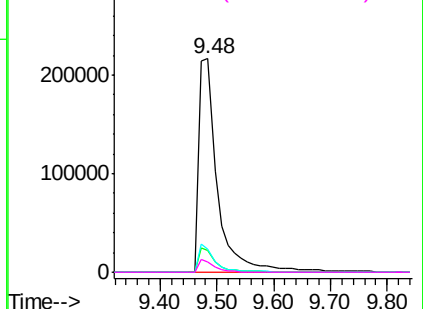
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.48 min Scan# 691
Delta R.T. -0.07 min
Lab File: BF087596.D
Acq: 31 May 2016 23:43

Instrument :
BNA_F
ClientSampleId :
STA-TA-1261+50(0-4)RE

Tgt Ion:	136	Resp:	482809
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.8	13.2
54	10.5	5.0	7.4#
68	5.0	4.4	6.6

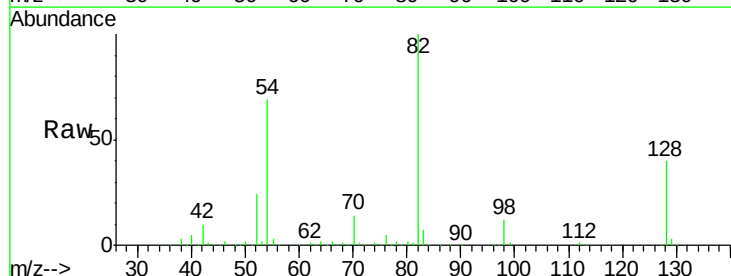


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

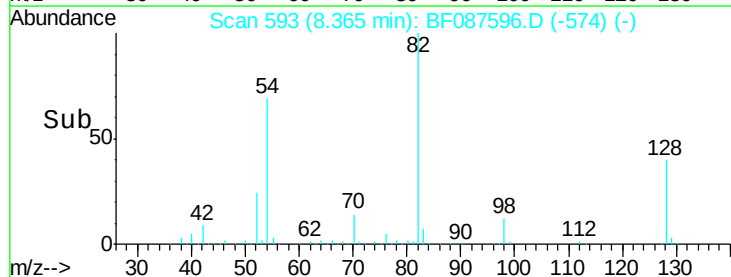
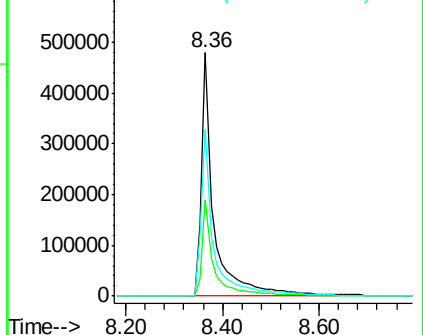


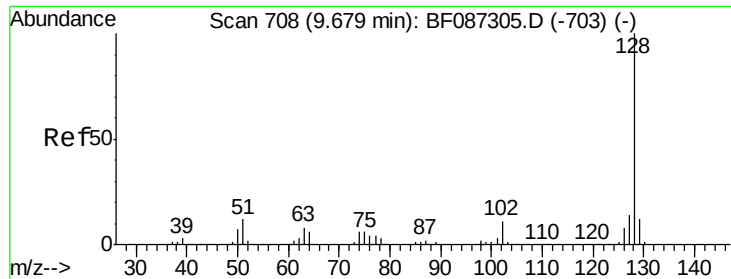
#23
Nitrobenzene-d5
Concen: 90.13 ng
RT: 8.36 min Scan# 593
Delta R.T. -0.08 min
Lab File: BF087596.D
Acq: 31 May 2016 23:43

Tgt Ion:	82	Resp:	863441
Ion	Ratio	Lower	Upper
82	100		
128	39.6	40.6	61.0#
54	68.8	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

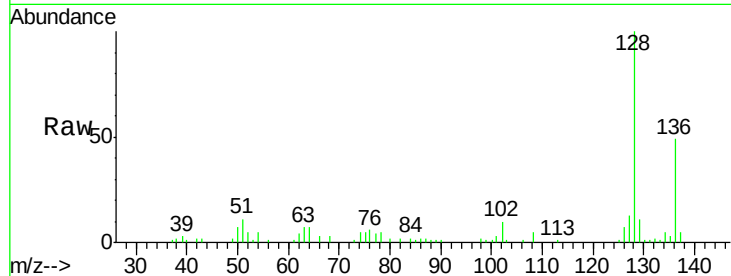




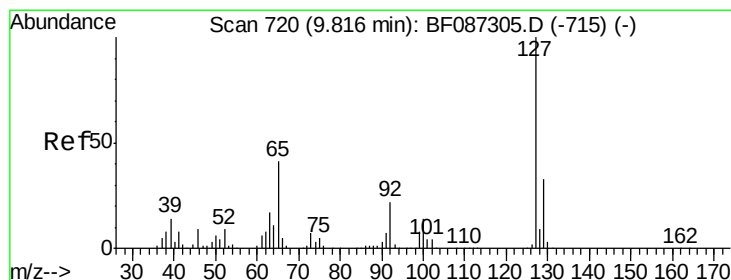
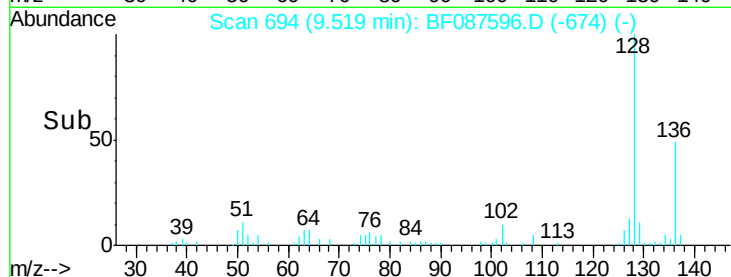
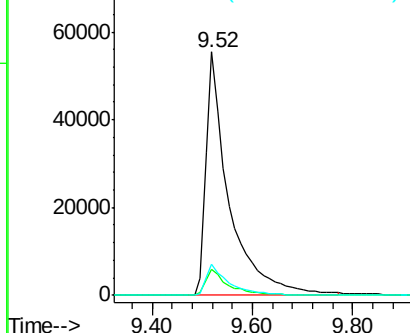
#31
Naphthalene
Concen: 7.30 ng
RT: 9.52 min Scan# 694
Delta R.T. -0.07 min
Lab File: BF087596.D
Acq: 31 May 2016 23:43

Instrument :
BNA_F
ClientSampleId :
STA-TA-1261+50(0-4)RE

Tgt Ion:128 Resp: 176588
Ion Ratio Lower Upper
128 100
129 10.7 8.6 13.0
127 12.9 10.8 16.2

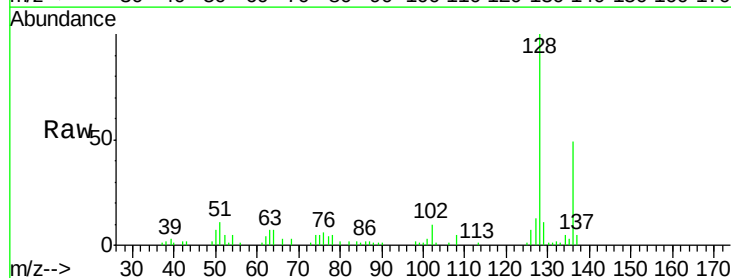


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

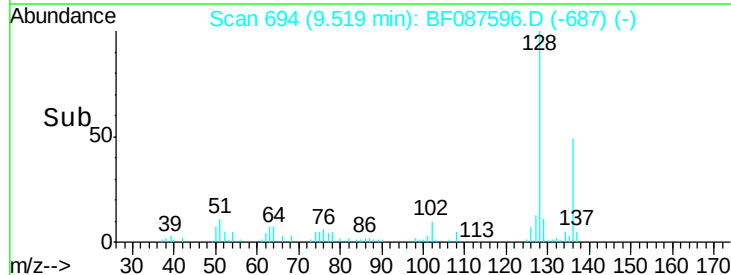
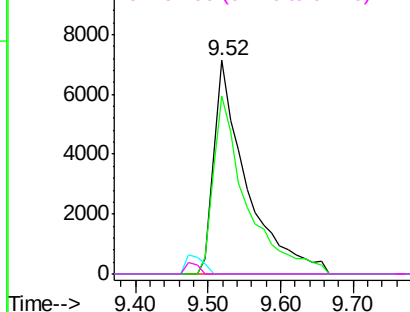


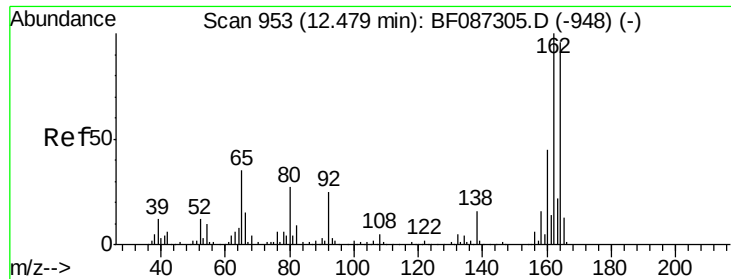
#33
4-Chloroaniline
Concen: 2.50 ng
RT: 9.52 min Scan# 694
Delta R.T. -0.22 min
Lab File: BF087596.D
Acq: 31 May 2016 23:43

Tgt Ion:127 Resp: 22316
Ion Ratio Lower Upper
127 100
129 83.3 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

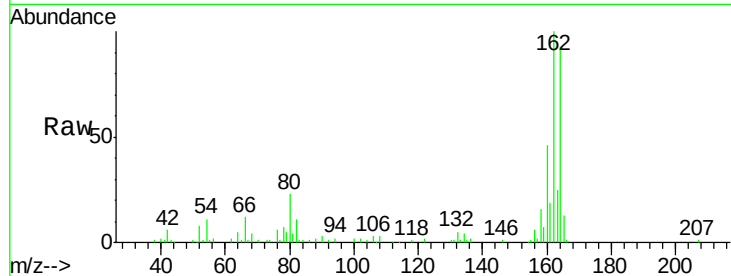




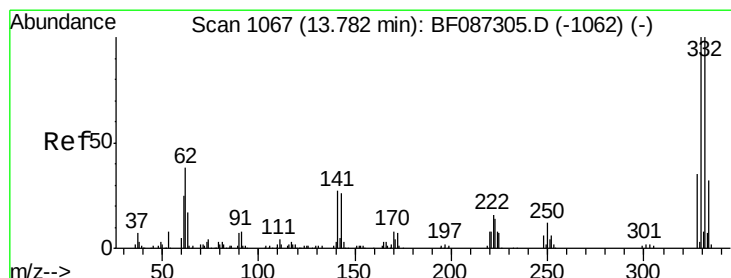
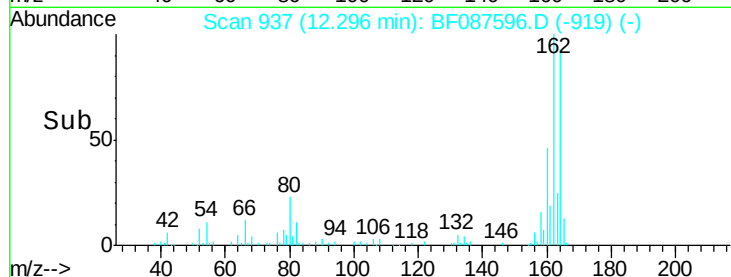
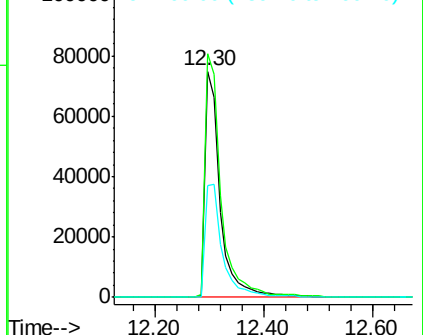
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.30 min Scan# 937
Delta R.T. -0.09 min
Lab File: BF087596.D
Acq: 31 May 2016 23:43

Instrument :
BNA_F
ClientSampleId :
STA-TA-1261+50(0-4)RE

Tgt Ion:164 Resp: 145486
Ion Ratio Lower Upper
164 100
162 107.6 82.8 124.2
160 49.5 36.9 55.3

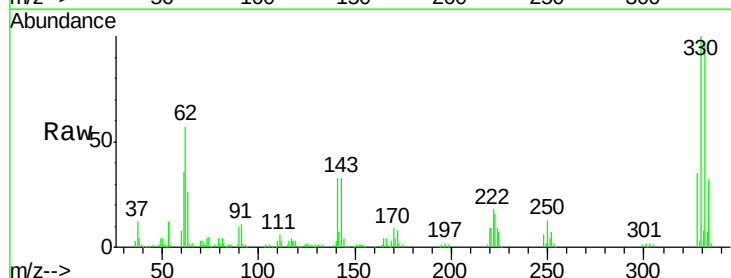


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

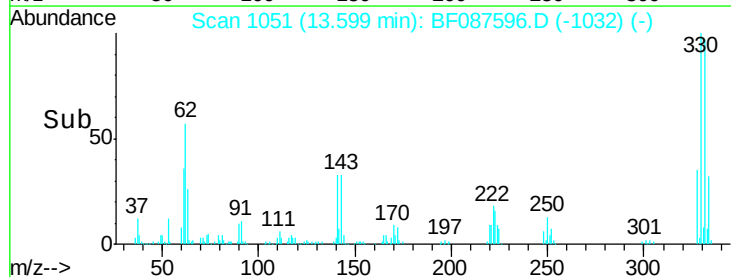
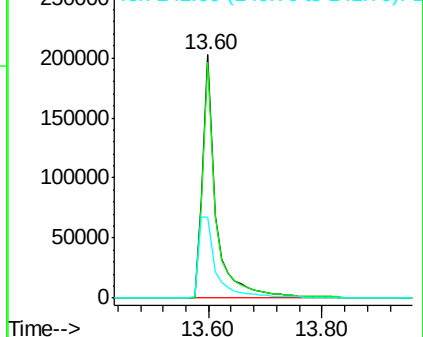


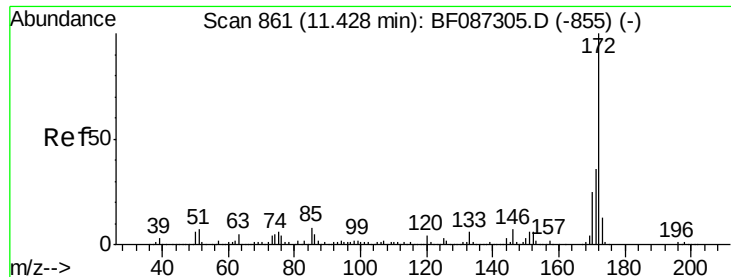
#41
2,4,6-Tribromophenol
Concen: 235.11 ng
RT: 13.60 min Scan# 1051
Delta R.T. -0.08 min
Lab File: BF087596.D
Acq: 31 May 2016 23:43

Tgt Ion:330 Resp: 328702
Ion Ratio Lower Upper
330 100
332 97.0 79.0 118.4
141 43.7 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: 139.61 ng

RT: 11.24 min Scan# 845

Delta R.T. -0.09 min

Lab File: BF087596.D

Acq: 31 May 2016 23:43

Instrument :

BNA_F

ClientSampleId :

STA-TA-1261+50(0-4)RE

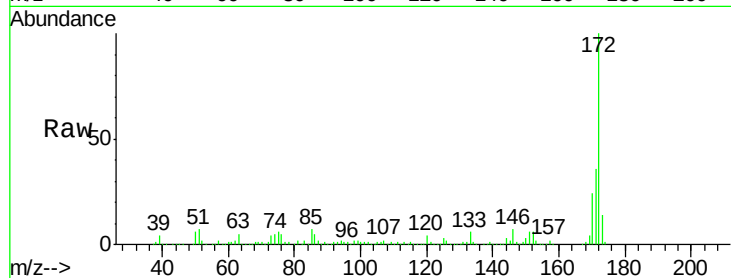
Tgt Ion:172 Resp: 1440741

Ion Ratio Lower Upper

172 100

171 35.6 29.0 43.6

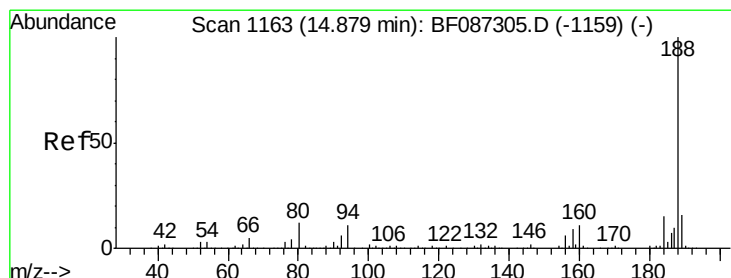
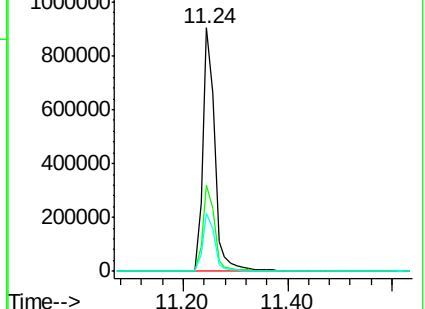
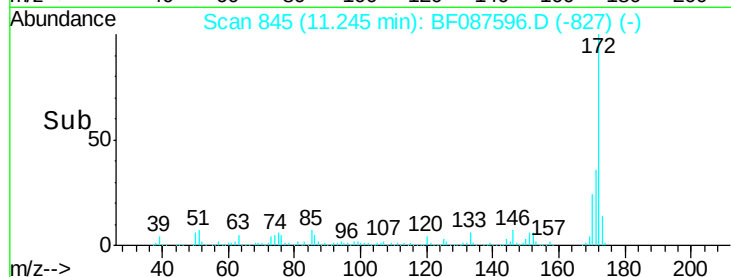
170 24.1 19.8 29.8



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: 14.71 min Scan# 1148

Delta R.T. -0.07 min

Lab File: BF087596.D

Acq: 31 May 2016 23:43

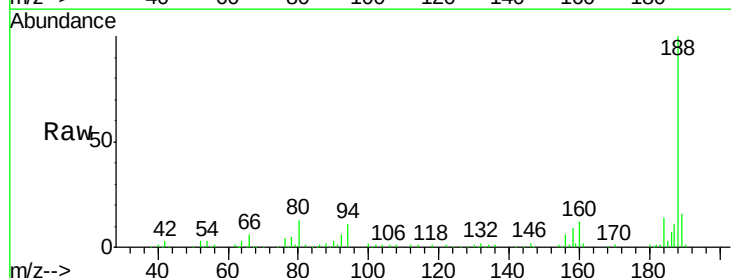
Tgt Ion:188 Resp: 414612

Ion Ratio Lower Upper

188 100

94 11.1 6.8 10.2#

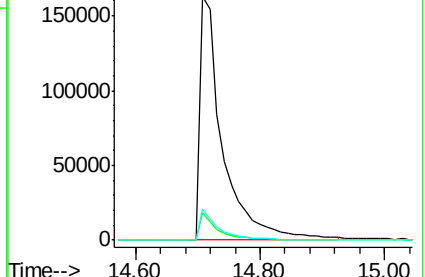
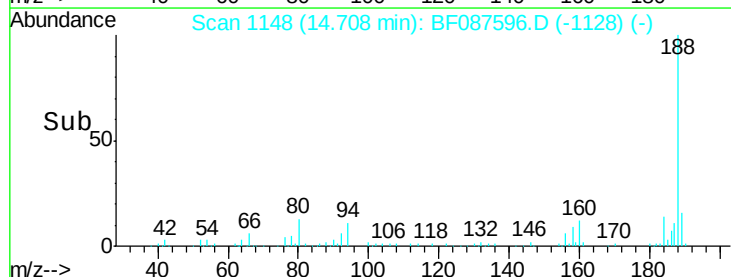
80 12.6 7.1 10.7#

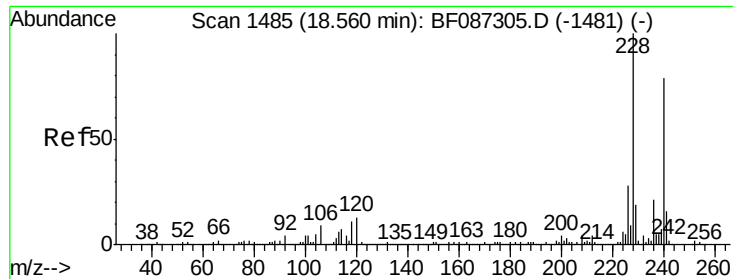


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF087596.D

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STA-TA-1261+50(0-4)RE

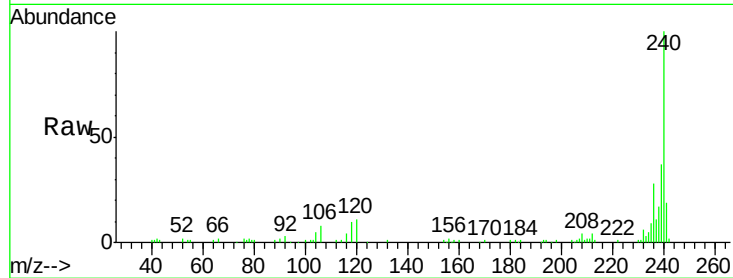
Tgt Ion:240 Resp: 186662

Ion Ratio Lower Upper

240 100

120 10.7 11.2 16.8#

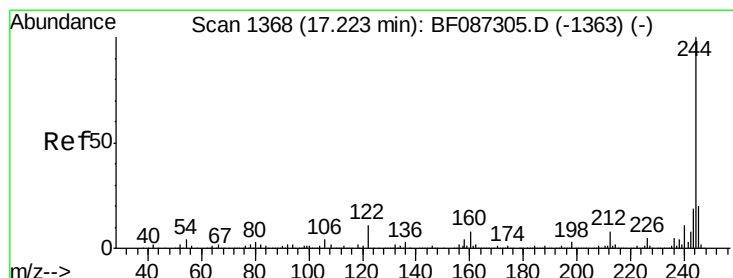
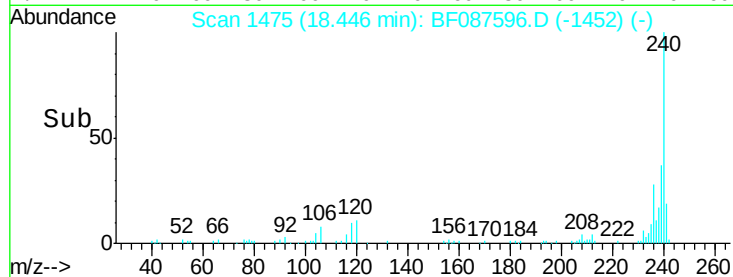
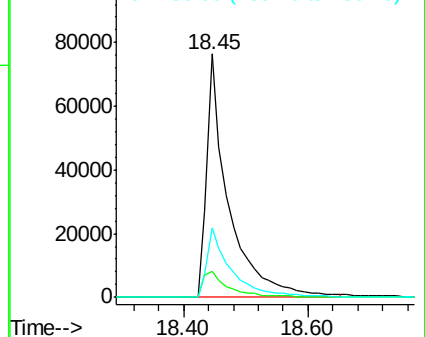
236 28.5 21.2 31.8



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: 156.48 ng

RT: 17.06 min Scan# 1354

Delta R.T. -0.07 min

Lab File: BF087596.D

Acq: 31 May 2016 23:43

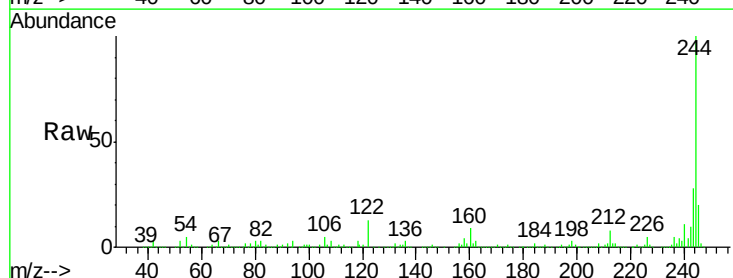
Tgt Ion:244 Resp: 1373904

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

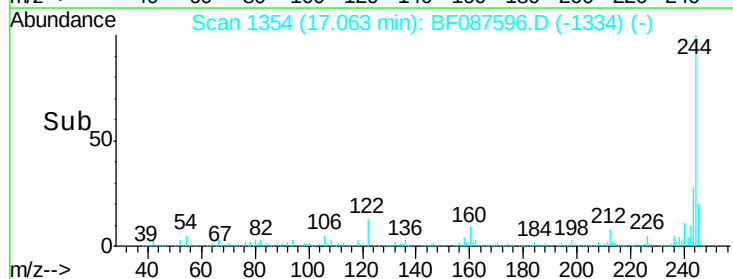
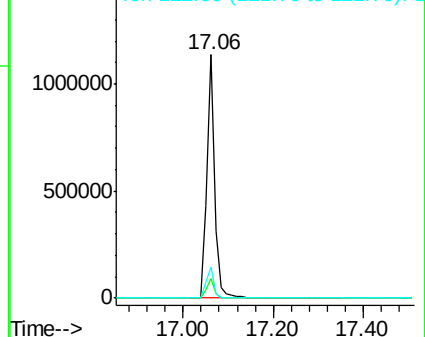
122 12.6 12.0 18.0

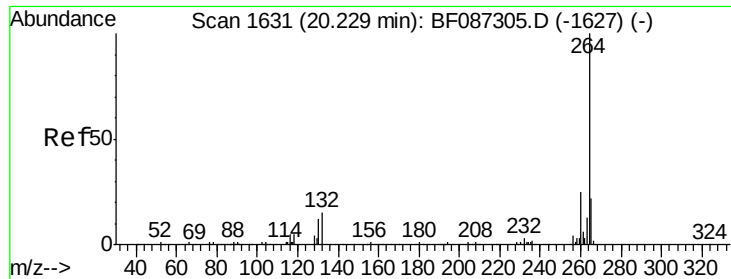


Abundance Ion 244.00 (243.70 to 244.70): E

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: 20.21 min Scan# 1629
Delta R.T. 0.07 min
Lab File: BF087596.D
Acq: 31 May 2016 23:43

Instrument :
BNA_F
ClientSampleId :
STA-TA-1261+50(0-4)RE

Tgt Ion: 264 Resp: 1610
Ion Ratio Lower Upper
264 100
260 62.7 19.5 29.3#
265 0.0 17.3 25.9#

