

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
 Data File : BF089485.D
 Acq On : 31 Jul 2016 22:18
 Operator : UM/SJ
 Sample : H4251-10 10X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 01 01:17:41 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 28 16:02:32 2016
 Response via : Initial Calibration

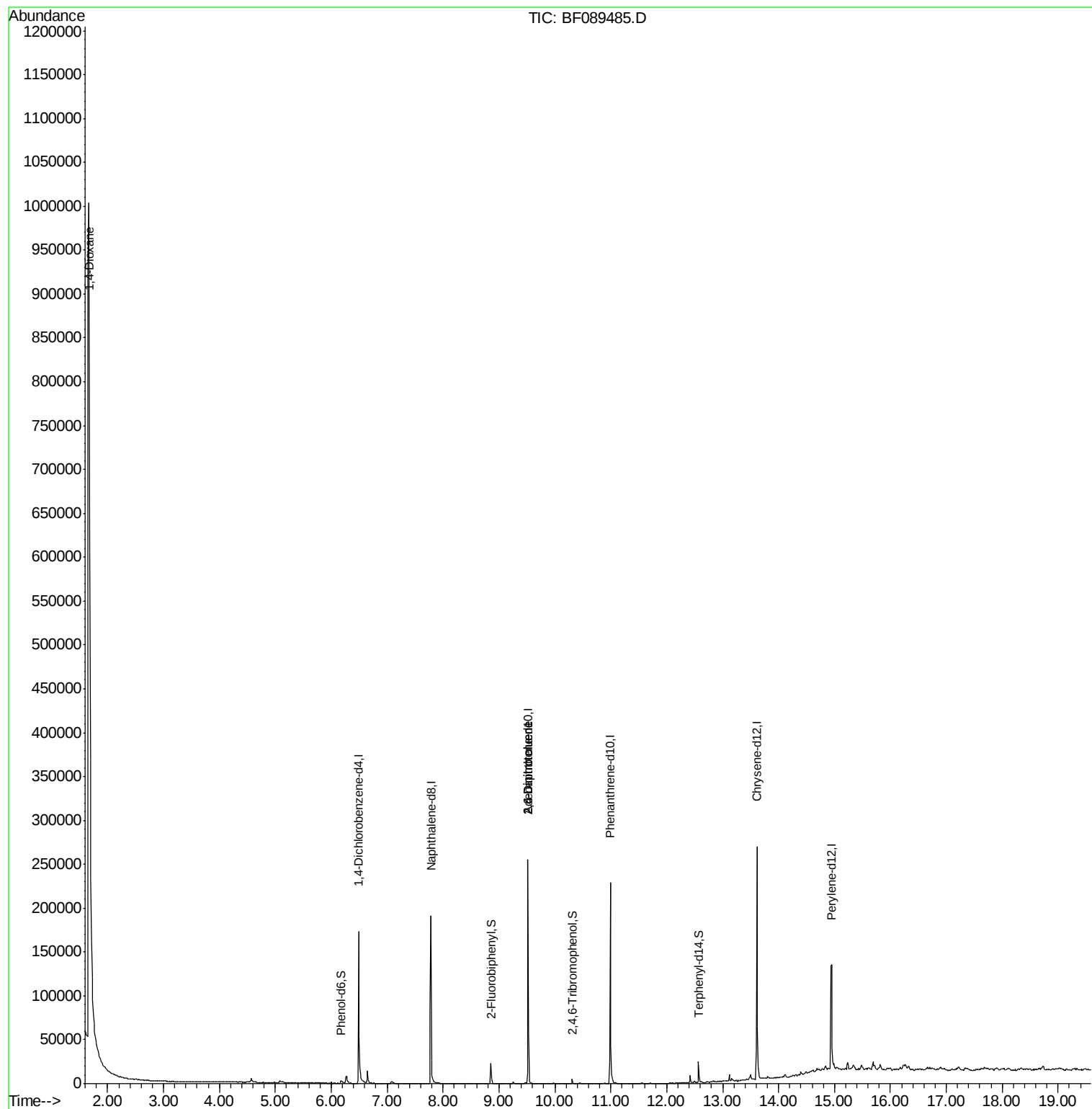
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	34094	20.00	ng	-0.06
21) Naphthalene-d8	7.78	136	121822	20.00	ng	-0.05
38) Acenaphthene-d10	9.52	164	50264	20.00	ng	-0.06
63) Phenanthrene-d10	10.99	188	95151	20.00	ng	-0.06
75) Chrysene-d12	13.61	240	98022	20.00	ng	-0.06
86) Perylene-d12	14.95	264	69875	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	4220	1.98	ng	-0.02
7) Phenol-d6	6.17	99	8357	2.96	ng	-0.03
23) Nitrobenzene-d5	7.07	82	4033	1.95	ng	-0.05
41) 2,4,6-Tribromophenol	10.31	330	1088	2.61	ng	-0.06
44) 2-Fluorobiphenyl	8.86	172	9797	2.86	ng	-0.06
78) Terphenyl-d14	12.57	244	10409	2.49	ng	-0.06
Target Compounds						
2) 1,4-Dioxane	1.67	88	51521	54.53	ng	# 26
50) 2,6-Dinitrotoluene	9.52	165	6229	7.92	ng	# 24
56) 2,4-Dinitrotoluene	9.52	165	6229	6.02	ng	# 7

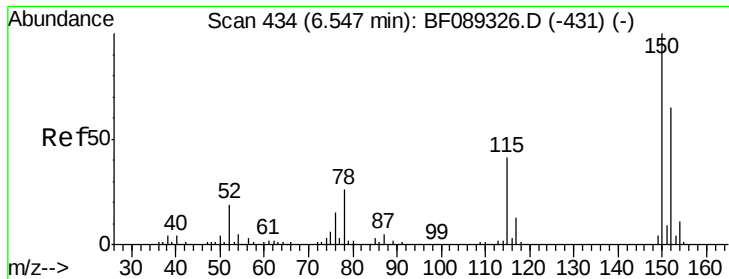
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
Data File : BF089485.D
Acq On : 31 Jul 2016 22:18
Operator : UM/SJ
Sample : H4251-10 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 01 01:17:41 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 28 16:02:32 2016
Response via : Initial Calibration



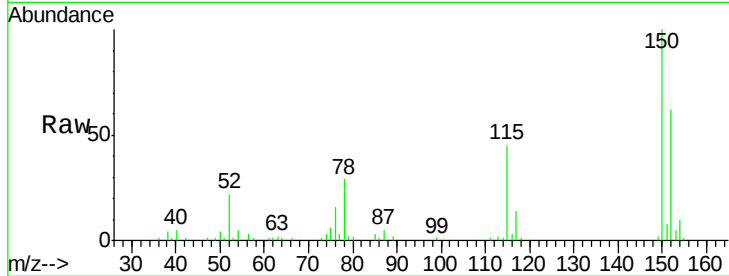


#1

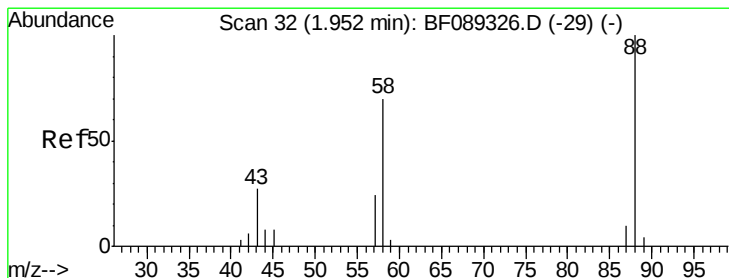
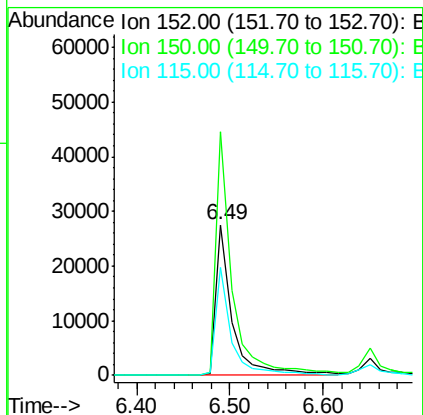
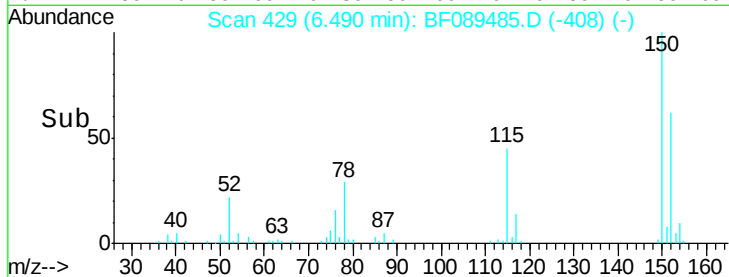
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.49 min Scan# 429
Delta R.T. -0.06 min
Lab File: BF089485.D
Acq: 31 Jul 2016 22:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 34094
Ion Ratio Lower Upper
152 100
150 161.7 129.5 194.3
115 72.0 51.4 77.2



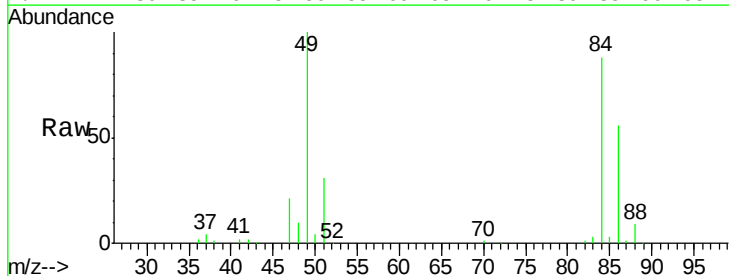
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



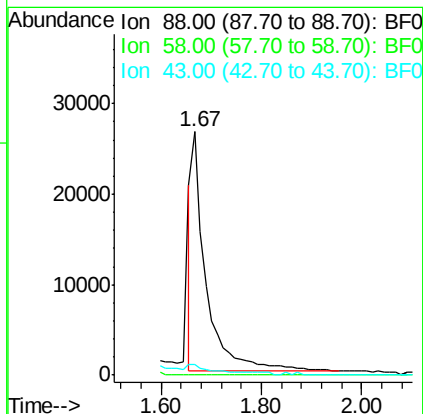
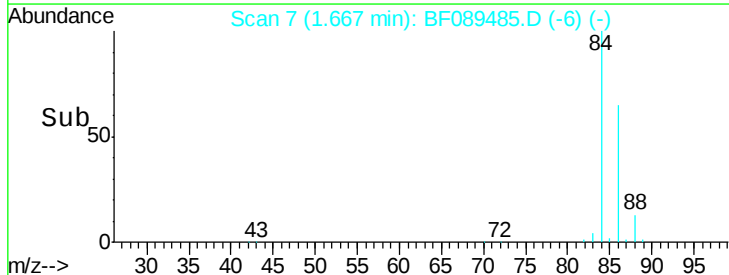
#2

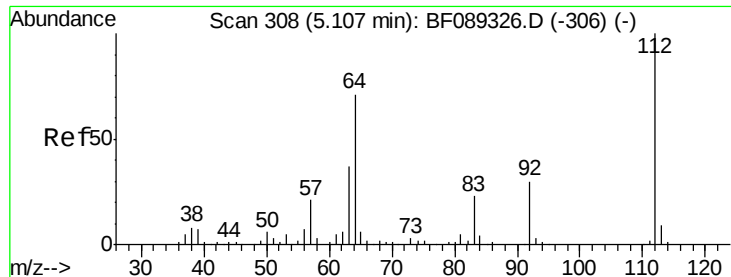
1,4-Dioxane
Concen: 54.53 ng
RT: 1.67 min Scan# 7
Delta R.T. -0.29 min
Lab File: BF089485.D
Acq: 31 Jul 2016 22:18

Tgt Ion: 88 Resp: 51521
Ion Ratio Lower Upper
88 100
58 0.0 53.2 79.8#
43 0.0 20.6 31.0#



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: 1.98 ng

RT: 5.08 min Scan# 306

Delta R.T. -0.02 min

Lab File: BF089485.D

Acq: 31 Jul 2016 22:18

Instrument :

BNA_F

ClientSampleId :

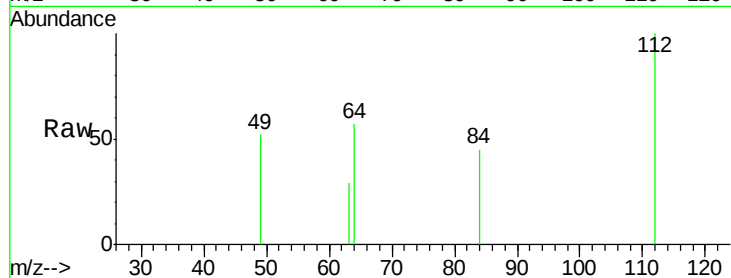
Tot Ion: 112 Resp: 4220

Ion Ratio Lower Upper

112 100

64 57.0 55.0 82.6

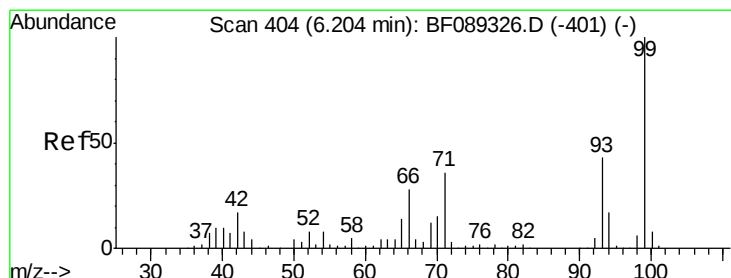
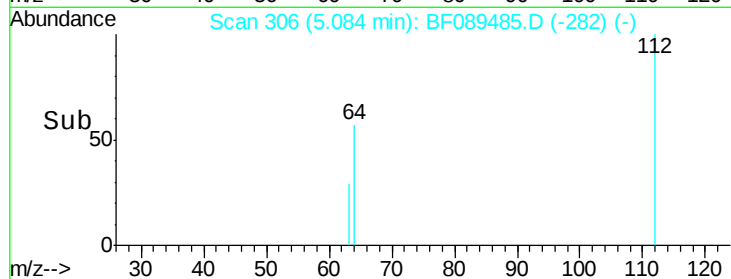
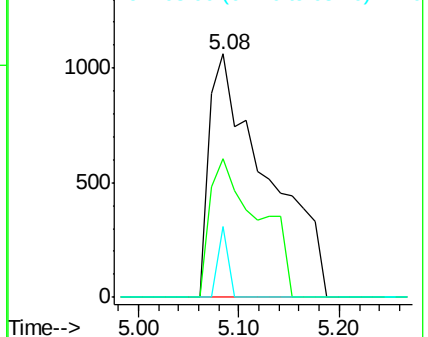
63 29.2 29.4 44.2#



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: 2.96 ng

RT: 6.17 min Scan# 401

Delta R.T. -0.03 min

Lab File: BF089485.D

Acq: 31 Jul 2016 22:18

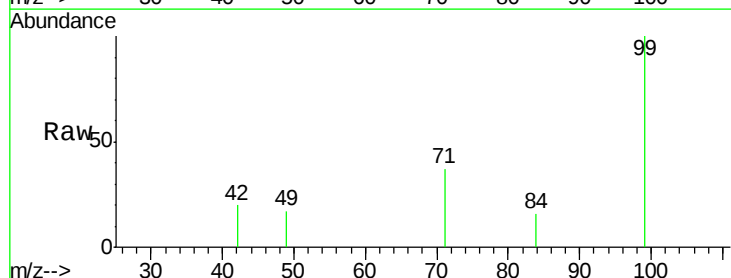
Tgt Ion: 99 Resp: 8357

Ion Ratio Lower Upper

99 100

42 19.6 13.6 20.4

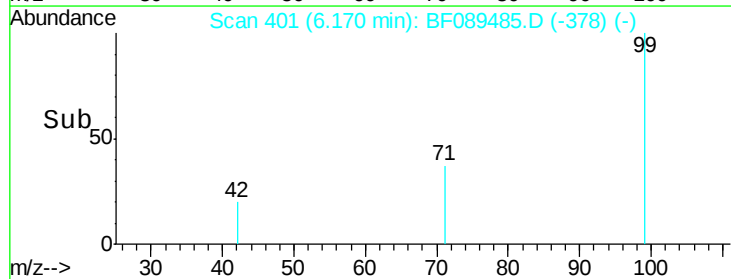
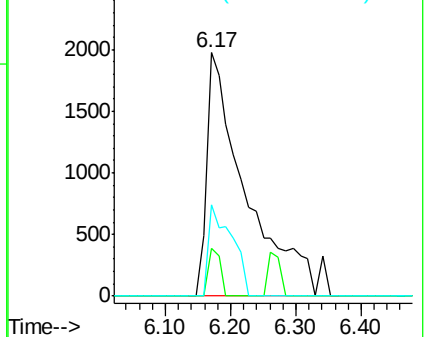
71 37.3 29.4 44.2

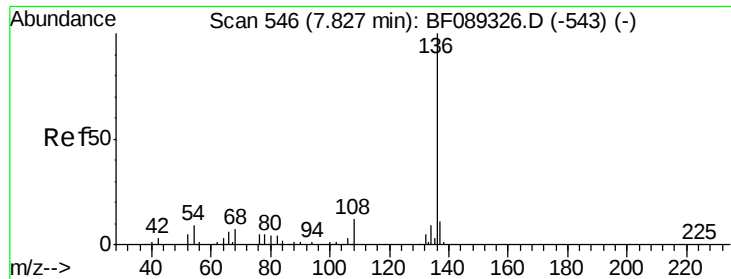


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

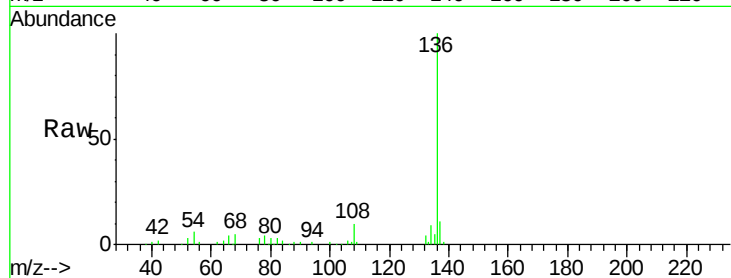




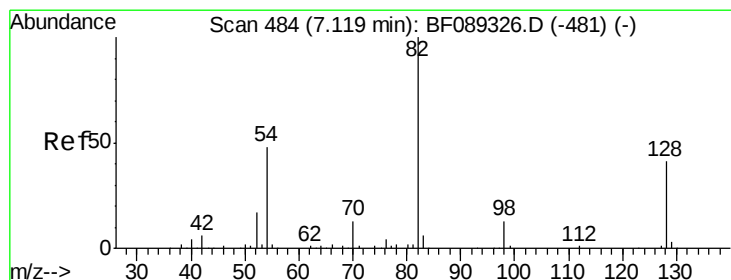
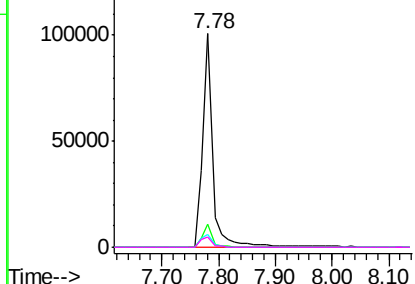
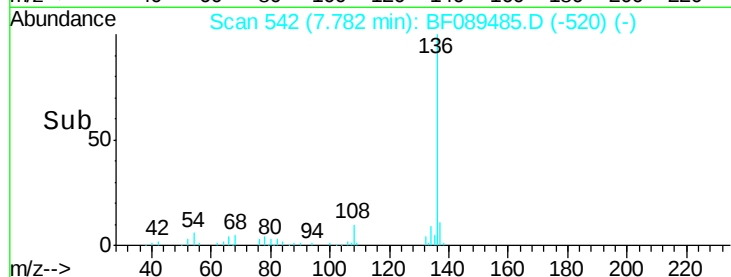
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.78 min Scan# 542
Delta R.T. -0.05 min
Lab File: BF089485.D
Acq: 31 Jul 2016 22:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	121822
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.6 13.0
54	5.9	7.0 10.4#
68	4.8	4.9 7.3#

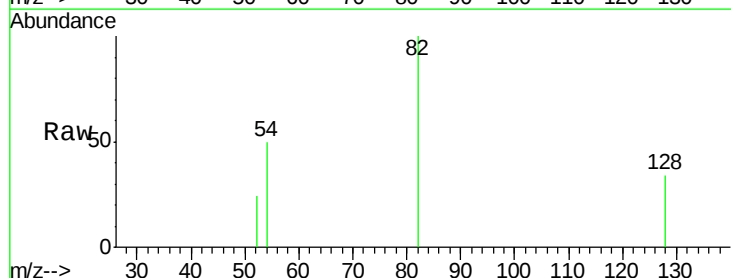


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

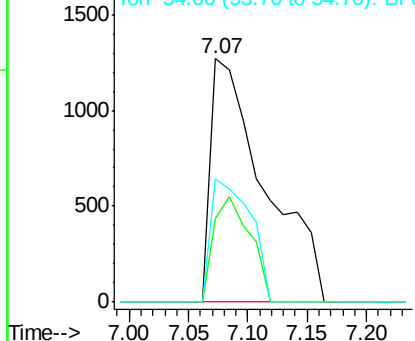
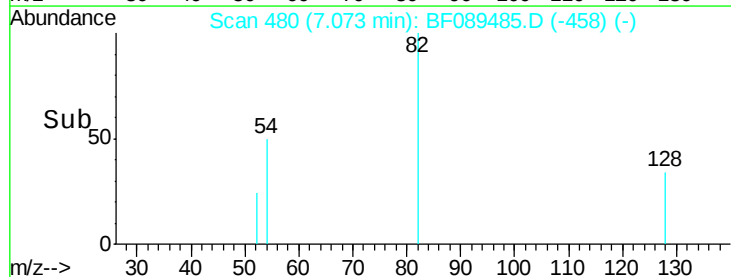


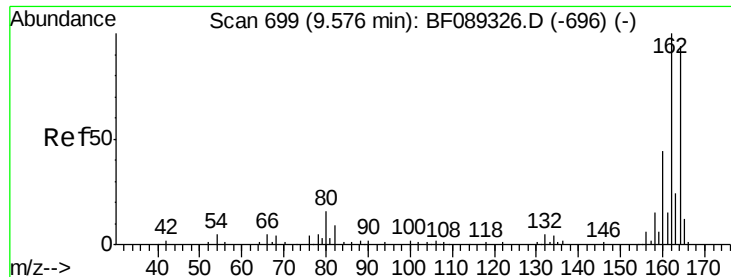
#23
Nitrobenzene-d5
Concen: 1.95 ng
RT: 7.07 min Scan# 480
Delta R.T. -0.05 min
Lab File: BF089485.D
Acq: 31 Jul 2016 22:18

Tgt Ion: 82	Resp:	4033
Ion Ratio	Lower	Upper
82	100	
128	34.4	32.5 48.7
54	50.4	38.8 58.2



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

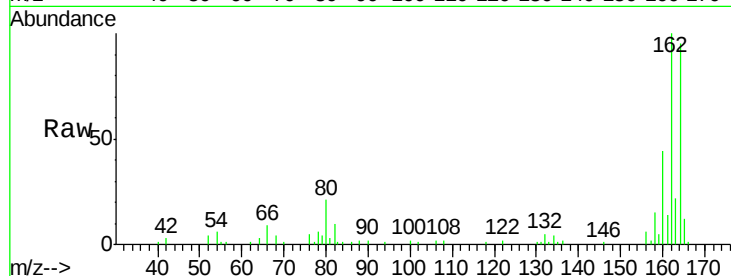




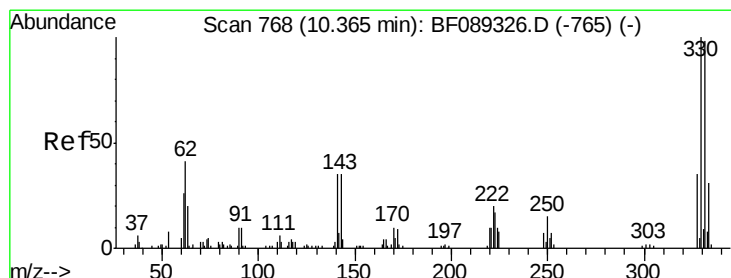
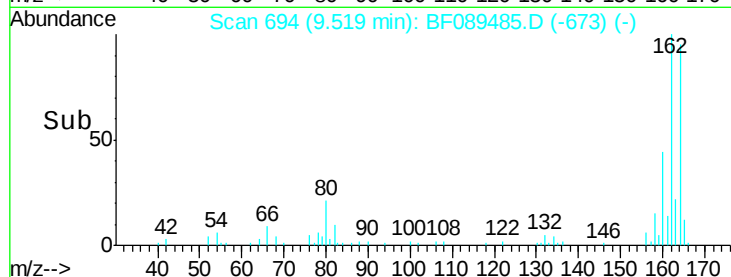
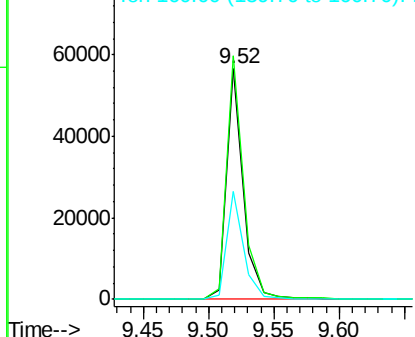
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.52 min Scan# 694
Delta R.T. -0.06 min
Lab File: BF089485.D
Acq: 31 Jul 2016 22:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 50264
Ion Ratio Lower Upper
164 100
162 105.6 83.7 125.5
160 46.7 37.8 56.6

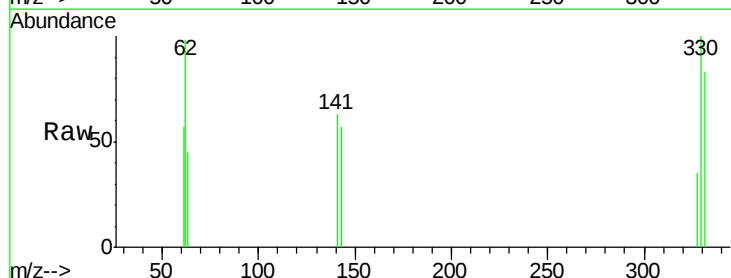


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

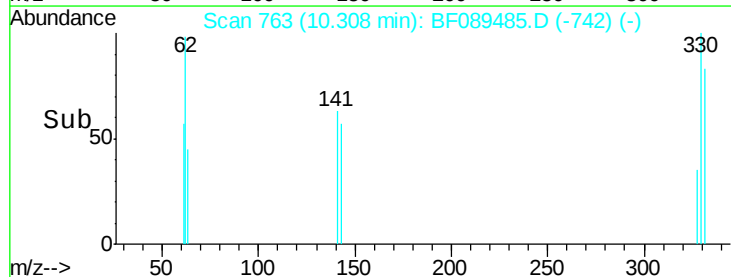
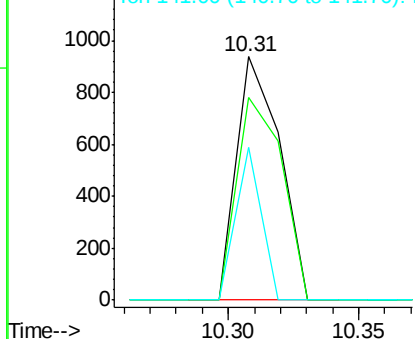


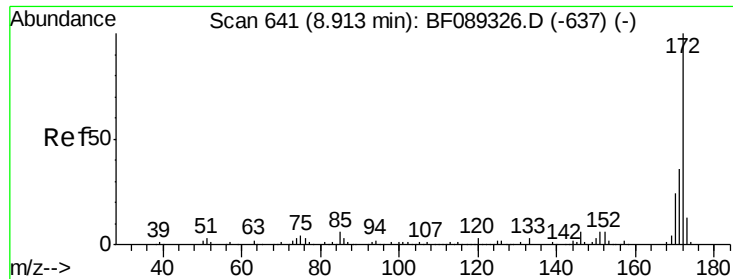
#41
2,4,6-Tribromophenol
Concen: 2.61 ng
RT: 10.31 min Scan# 763
Delta R.T. -0.06 min
Lab File: BF089485.D
Acq: 31 Jul 2016 22:18

Tgt Ion:330 Resp: 1088
Ion Ratio Lower Upper
330 100
332 88.0 76.8 115.2
141 37.0 37.3 55.9#



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

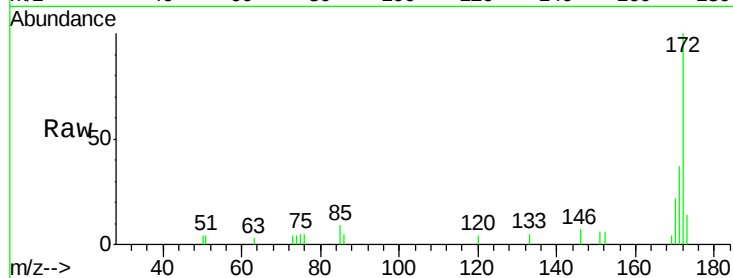




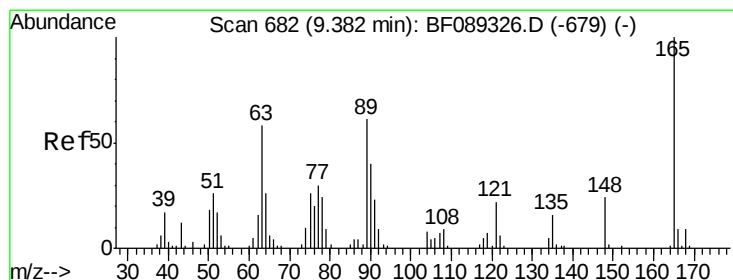
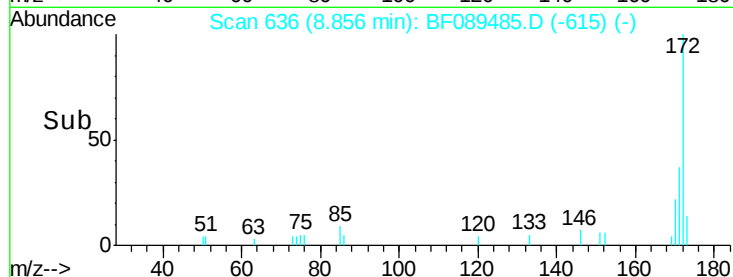
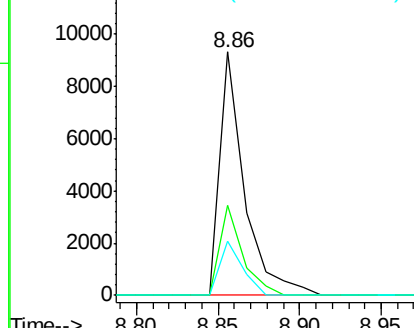
#44
 2-Fluorobiphenyl
 Concen: 2.86 ng
 RT: 8.86 min Scan# 636
 Delta R.T. -0.06 min
 Lab File: BF089485.D
 Acq: 31 Jul 2016 22:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 9797
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.2 43.8
 170 22.4 19.2 28.8

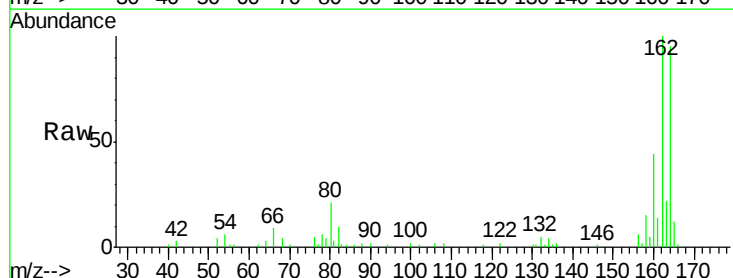


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

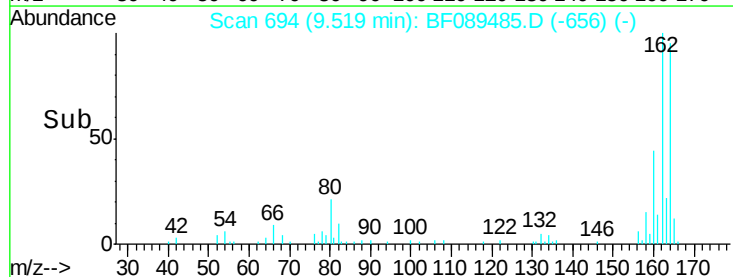
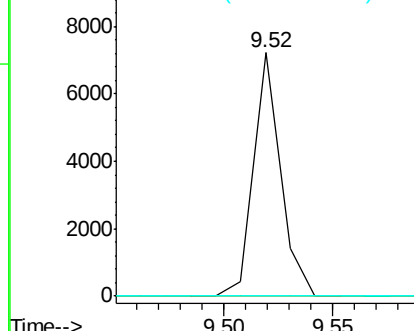


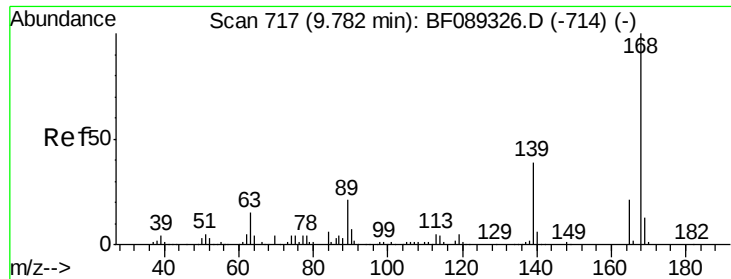
#50
 2,6-Dinitrotoluene
 Concen: 7.92 ng
 RT: 9.52 min Scan# 694
 Delta R.T. 0.14 min
 Lab File: BF089485.D
 Acq: 31 Jul 2016 22:18

Tgt Ion:165 Resp: 6229
 Ion Ratio Lower Upper
 165 100
 63 0.0 43.5 65.3#
 89 0.0 45.0 67.4#



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

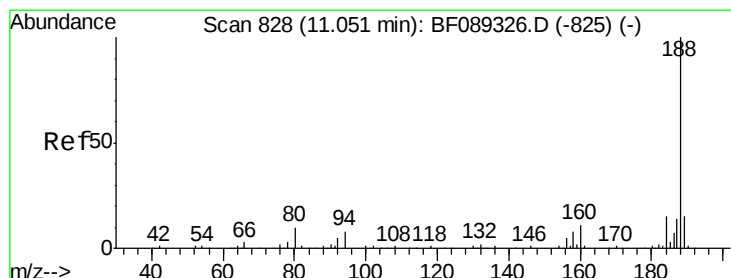
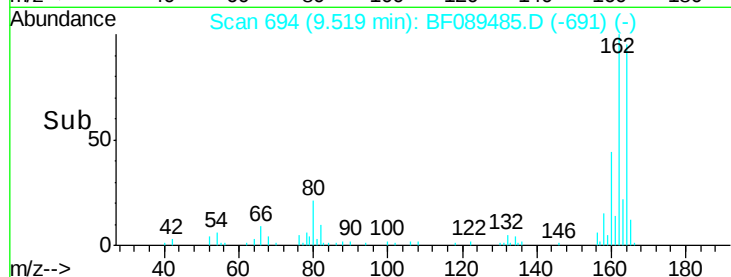
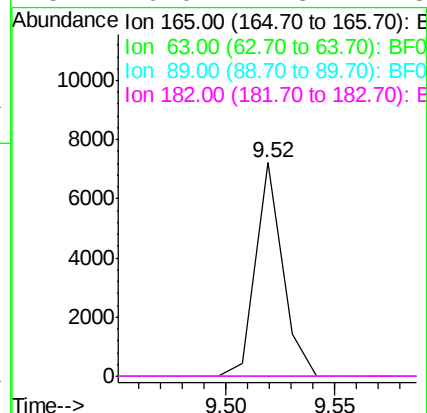
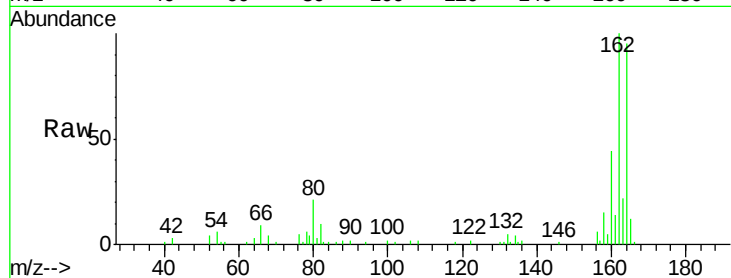




#56
 2,4-Dinitrotoluene
 Concen: 6.02 ng
 RT: 9.52 min Scan# 694
 Delta R.T. -0.26 min
 Lab File: BF089485.D
 Acq: 31 Jul 2016 22:18

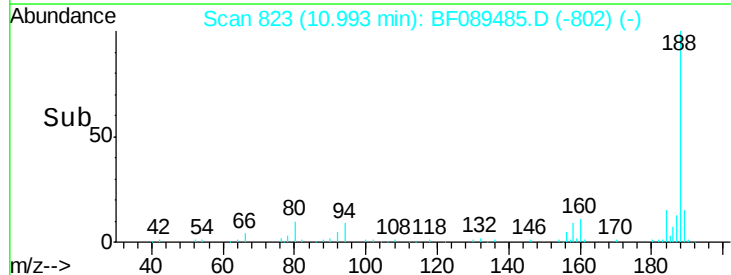
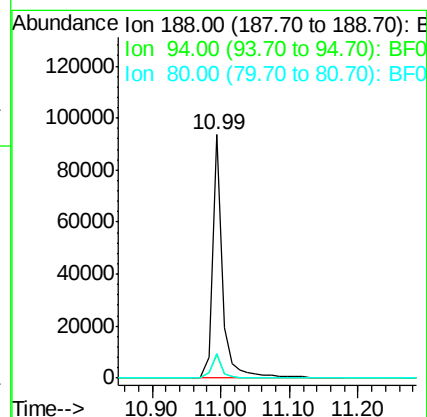
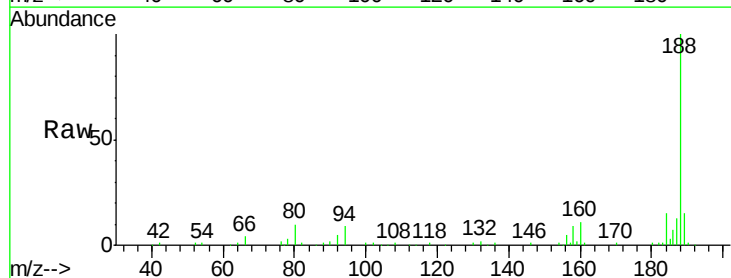
Instrument :
 BNA_F
 ClientSampled :

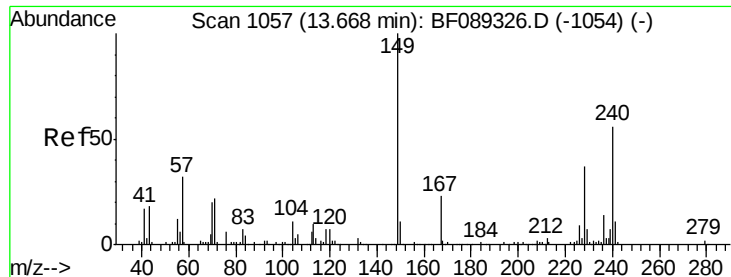
Tot Ion:165 Resp: 6229
 Ion Ratio Lower Upper
 165 100
 63 0.0 58.2 87.2#
 89 0.0 79.1 118.7#
 182 0.0 1.8 2.8#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.99 min Scan# 823
 Delta R.T. -0.06 min
 Lab File: BF089485.D
 Acq: 31 Jul 2016 22:18

Tgt Ion:188 Resp: 95151
 Ion Ratio Lower Upper
 188 100
 94 9.5 6.5 9.7
 80 10.0 7.2 10.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.61 min Scan# 1052

Delta R.T. -0.06 min

Lab File: BF089485.D

Acq: 31 Jul 2016 22:18

Instrument :

BNA_F

ClientSampleId :

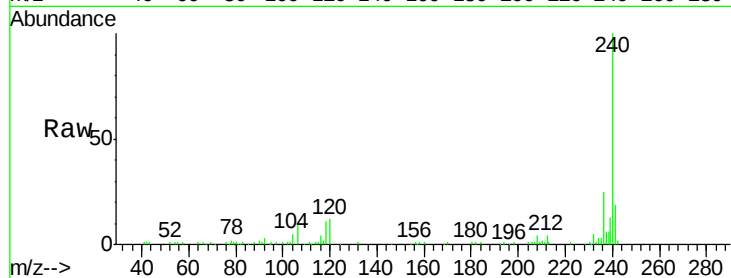
Tot Ion:240 Resp: 98022

Ion Ratio Lower Upper

240 100

120 12.4 9.1 13.7

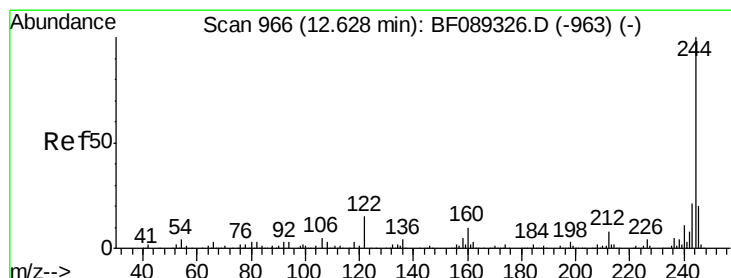
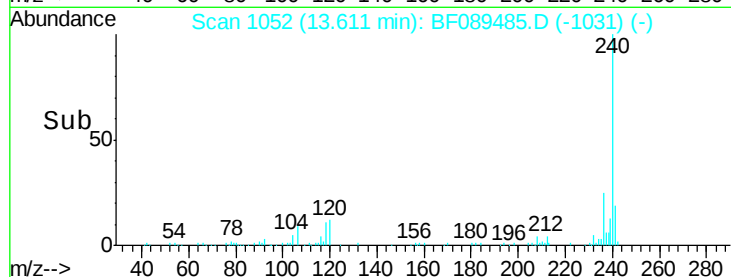
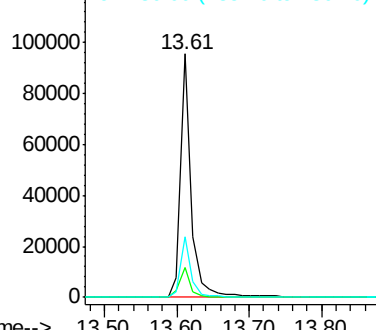
236 25.0 20.6 30.8



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: 2.49 ng

RT: 12.57 min Scan# 961

Delta R.T. -0.06 min

Lab File: BF089485.D

Acq: 31 Jul 2016 22:18

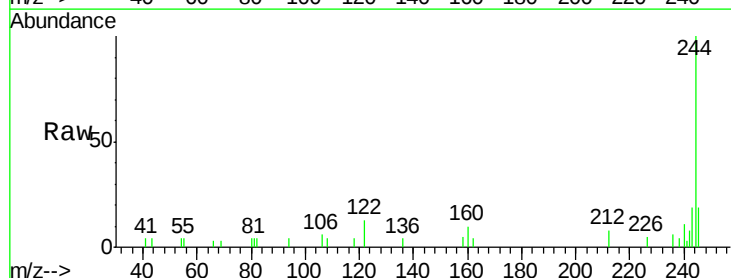
Tgt Ion:244 Resp: 10409

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

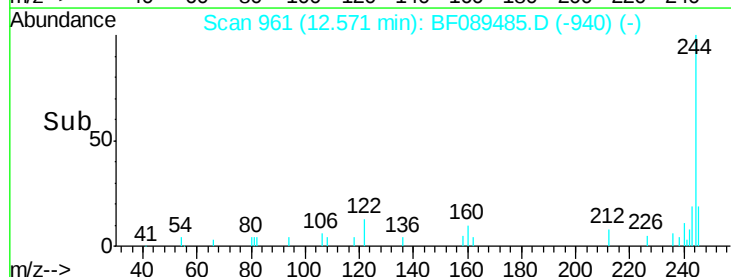
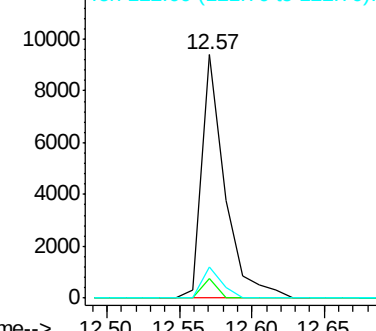
122 13.0 11.4 17.0

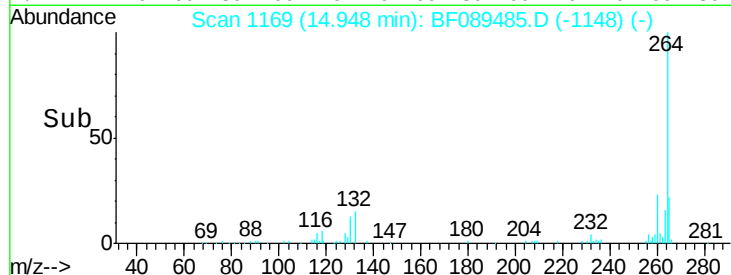
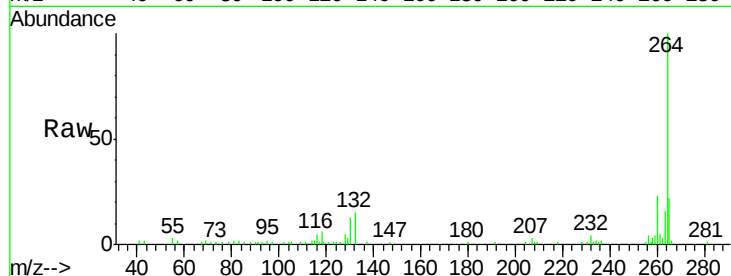
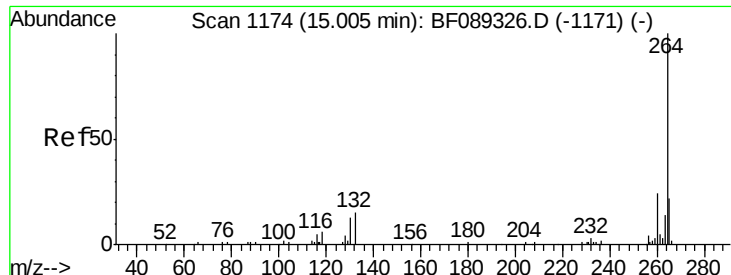


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 14.95 min Scan# 1169
 Delta R.T. -0.06 min
 Lab File: BF089485.D
 Acq: 31 Jul 2016 22:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	69875
Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.4
265	22.1	17.5	26.3

