

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072116\
 Data File : BF089184.D
 Acq On : 21 Jul 2016 17:12
 Operator : UM/SJ
 Sample : H4150-01 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS-1

Quant Time: Jul 22 01:10:31 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 19:03:15 2016
 Response via : Initial Calibration

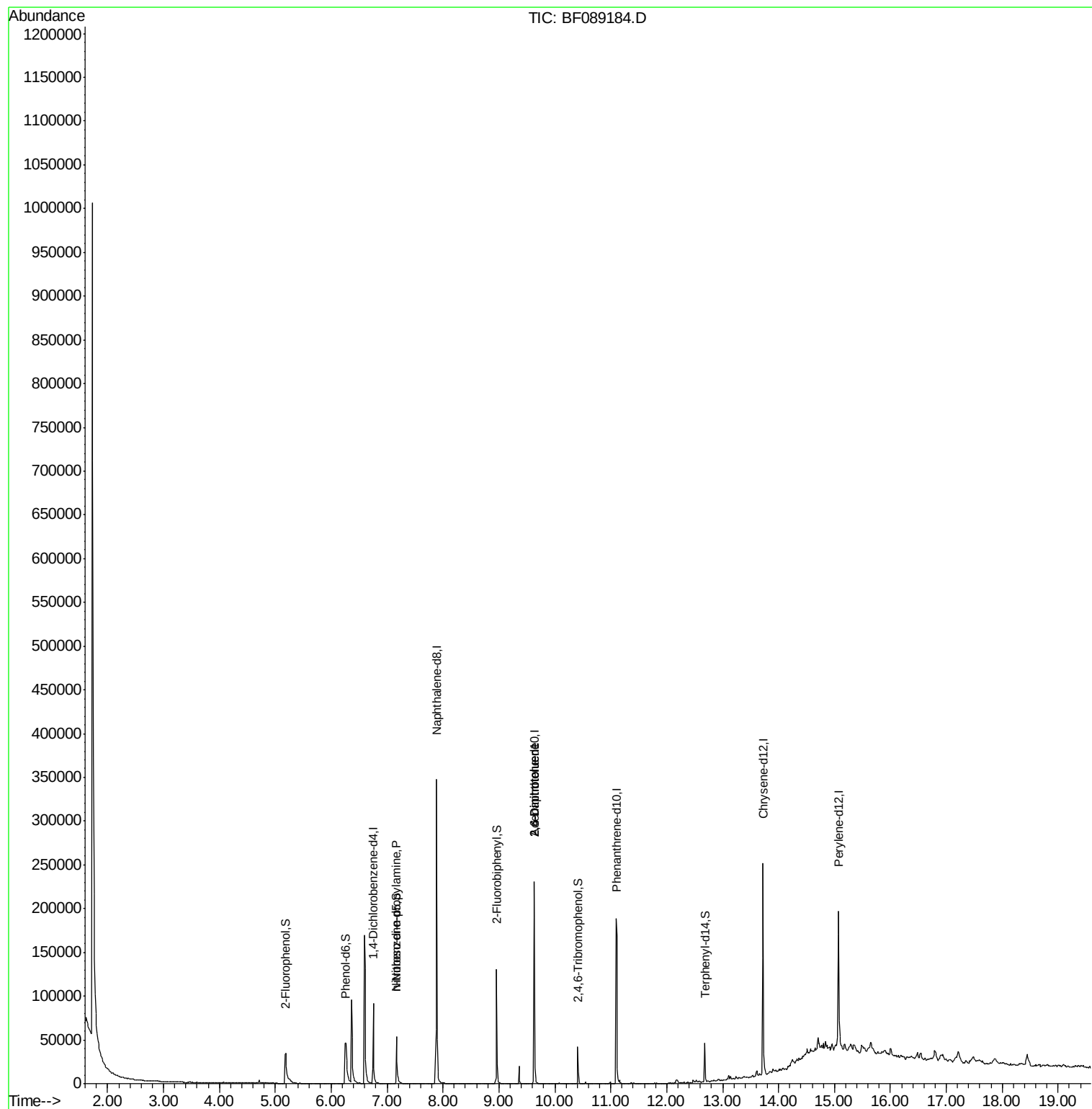
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	18176	20.00	ng	0.15
21) Naphthalene-d8	7.88	136	177281	20.00	ng	0.00
38) Acenaphthene-d10	9.63	164	65988	20.00	ng	0.00
63) Phenanthrene-d10	11.11	188	110744	20.00	ng	0.00
75) Chrysene-d12	13.73	240	95951	20.00	ng	0.00
86) Perylene-d12	15.07	264	75490	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	34613	28.96	ng	0.00
7) Phenol-d6	6.26	99	48450	31.44	ng	-0.01
23) Nitrobenzene-d5	7.16	82	28839	8.64	ng	-0.01
41) 2,4,6-Tribromophenol	10.41	330	5624	9.47	ng	-0.01
44) 2-Fluorobiphenyl	8.96	172	45616	9.52	ng	-0.01
78) Terphenyl-d14	12.69	244	22578	5.10	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.16	70	3439	3.41	ng	# 82
50) 2,6-Dinitrotoluene	9.63	165	8204	7.18	ng	# 28
56) 2,4-Dinitrotoluene	9.63	165	8204	5.57	ng	# 10

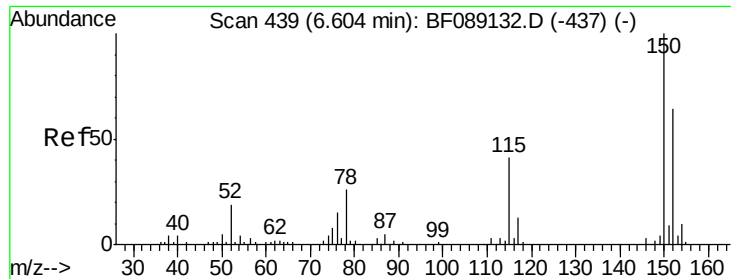
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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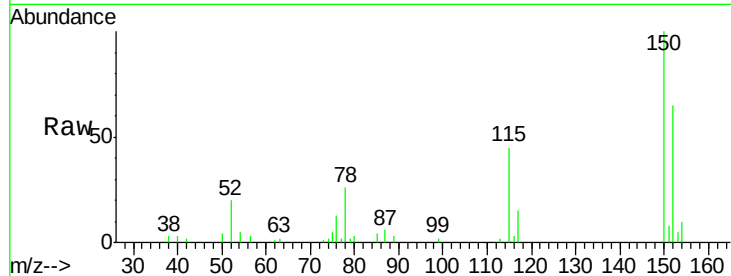


#1

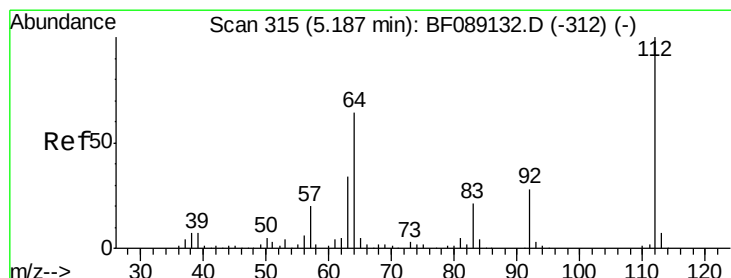
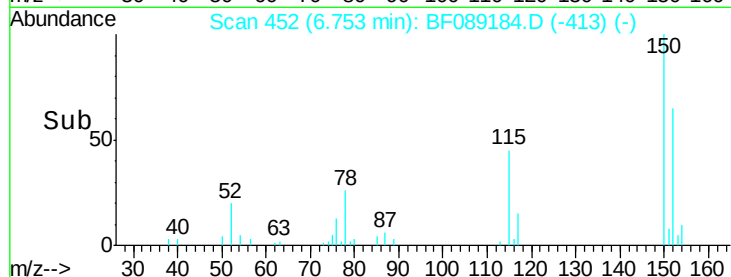
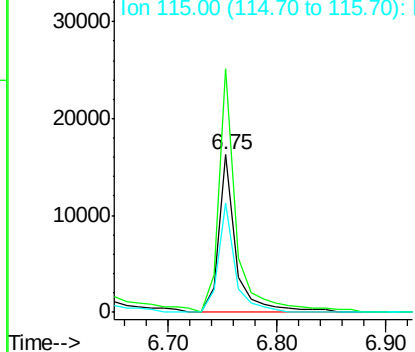
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.75 min Scan# 452
 Delta R.T. 0.15 min
 Lab File: BF089184.D
 Acq: 21 Jul 2016 17:12

Instrument :
 BNA_F
 ClientSampleId :
 TS-1

Tgt Ion:152 Resp: 18176
 Ion Ratio Lower Upper
 152 100
 150 154.5 125.1 187.7
 115 69.6 51.1 76.7



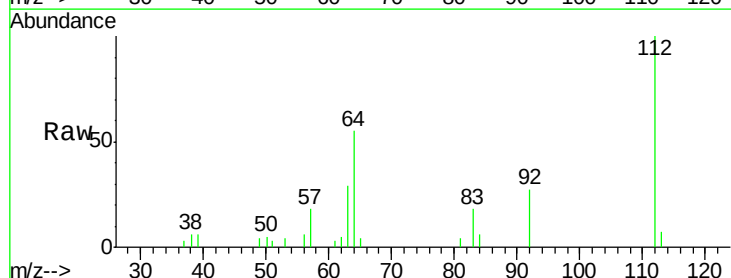
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



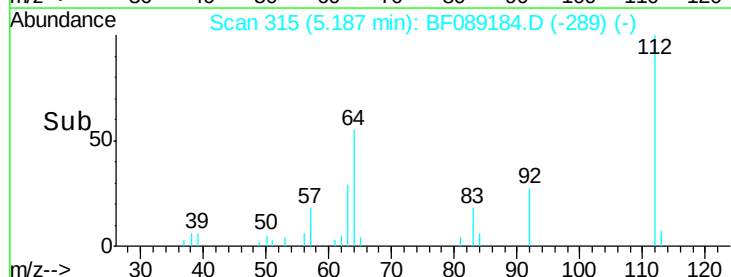
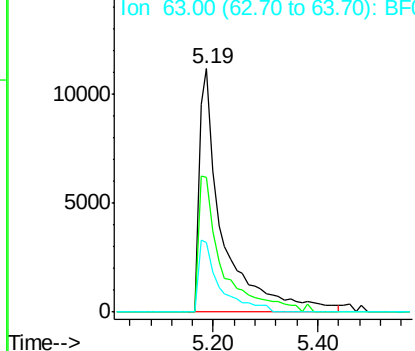
#5

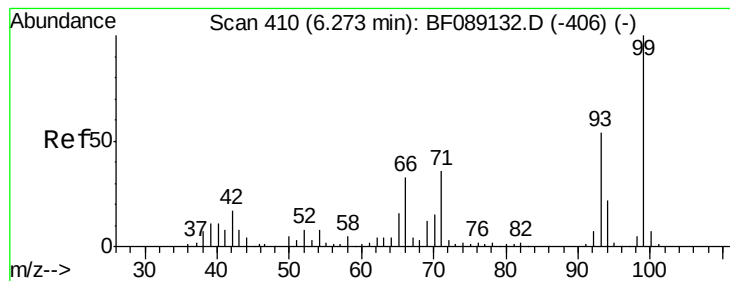
2-Fluorophenol
 Concen: 28.96 ng
 RT: 5.19 min Scan# 315
 Delta R.T. 0.00 min
 Lab File: BF089184.D
 Acq: 21 Jul 2016 17:12

Tgt Ion:112 Resp: 34613
 Ion Ratio Lower Upper
 112 100
 64 55.4 51.0 76.4
 63 28.7 27.3 40.9



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: 31.44 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF089184.D

Acq: 21 Jul 2016 17:12

Instrument :

BNA_F

ClientSampleId :

TS-1

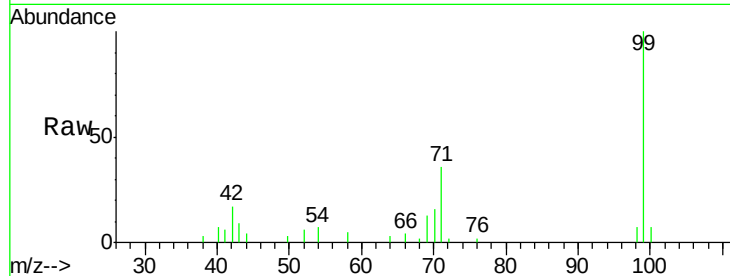
Tgt Ion: 99 Resp: 48450

Ion Ratio Lower Upper

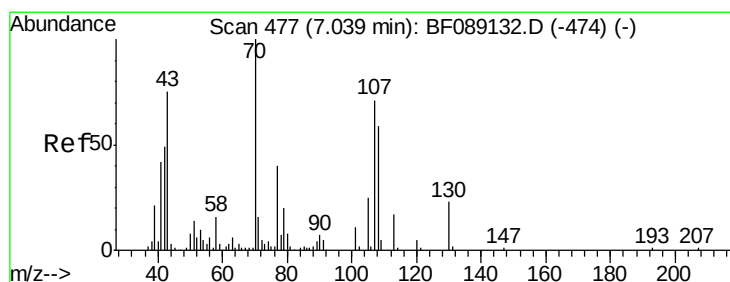
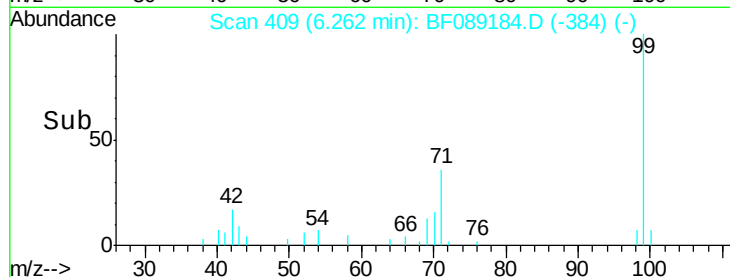
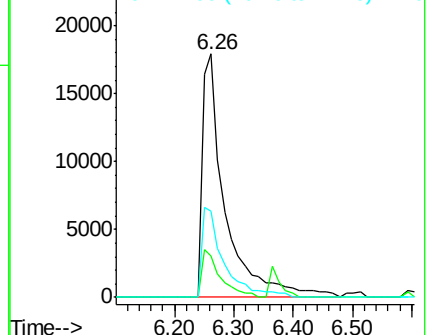
99 100

42 17.0 13.5 20.3

71 35.6 28.9 43.3



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: 3.41 ng

RT: 7.16 min Scan# 488

Delta R.T. 0.13 min

Lab File: BF089184.D

Acq: 21 Jul 2016 17:12

Tgt Ion: 70 Resp: 3439

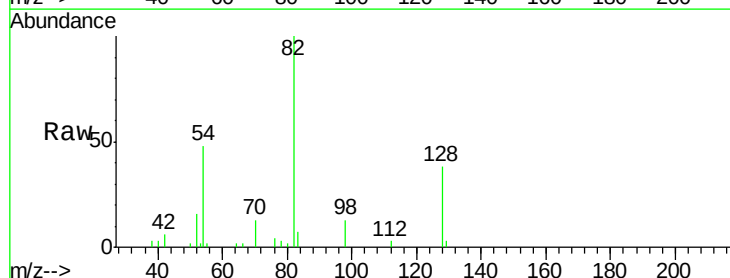
Ion Ratio Lower Upper

70 100

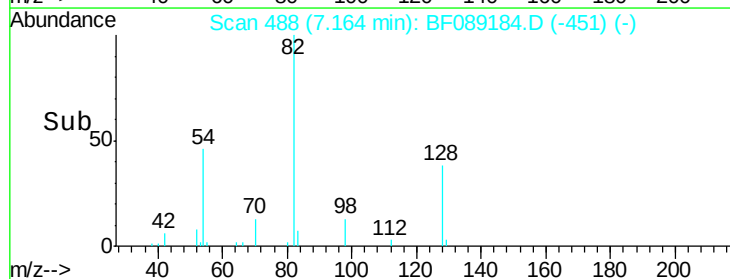
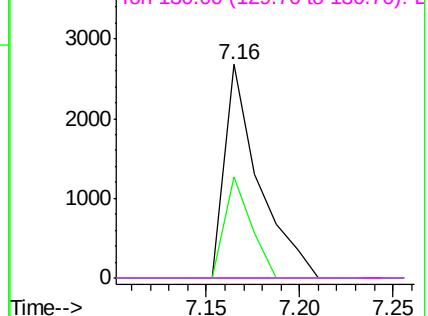
42 47.2 39.2 58.8

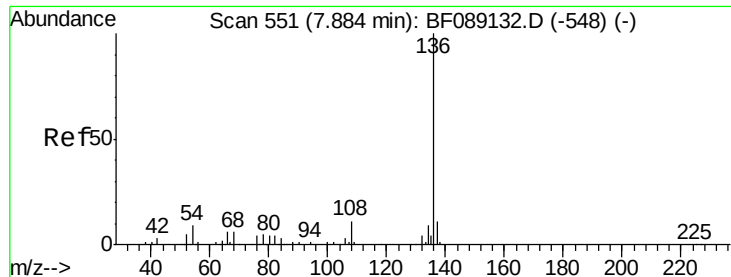
101 0.0 8.5 12.7#

130 0.0 18.4 27.6#



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): E
Ion 130.00 (129.70 to 130.70): E

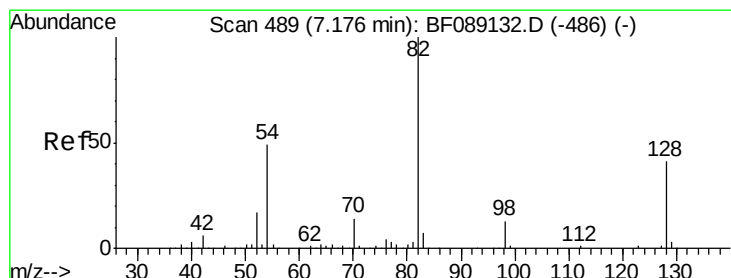
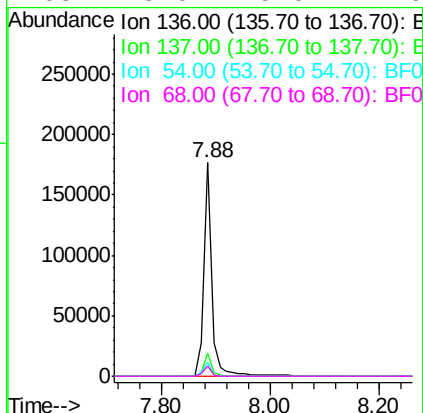
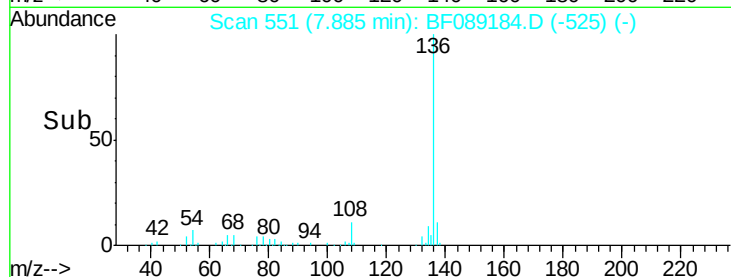
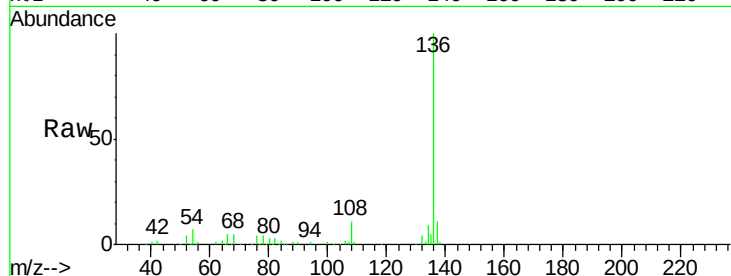




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 551
Delta R.T. 0.00 min
Lab File: BF089184.D
Acq: 21 Jul 2016 17:12

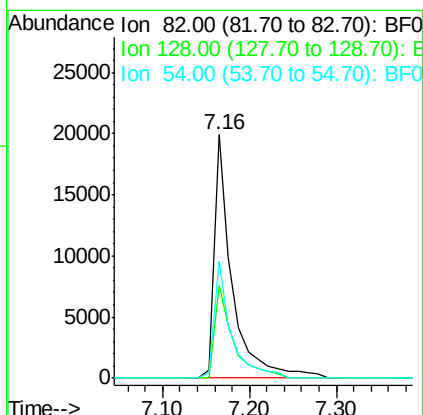
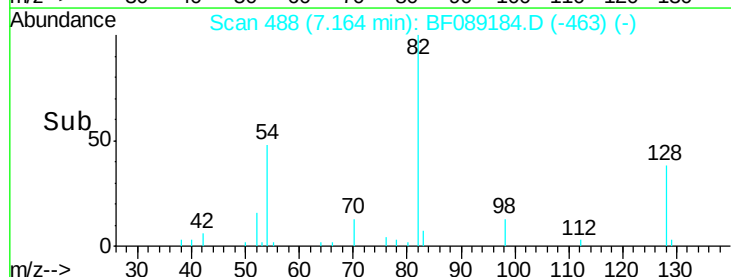
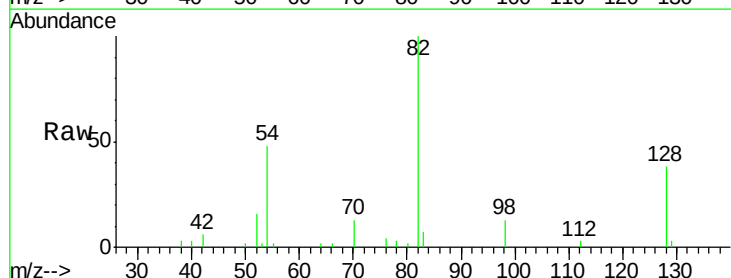
Instrument :
BNA_F
ClientSampled :
TS-1

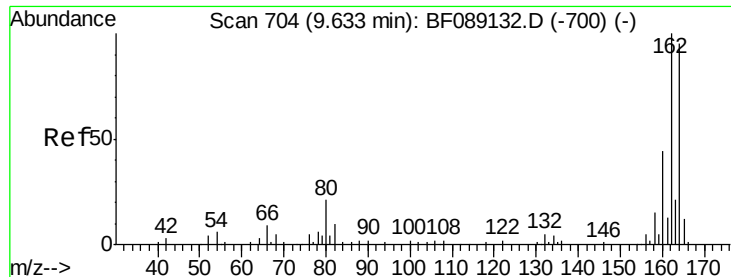
Tgt Ion:	136	Resp:	177281
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	6.6	7.0	10.4#
68	5.0	5.0	7.6#



#23
Nitrobenzene-d5
Concen: 8.64 ng
RT: 7.16 min Scan# 488
Delta R.T. -0.01 min
Lab File: BF089184.D
Acq: 21 Jul 2016 17:12

Tgt Ion:	82	Resp:	28839
Ion	Ratio	Lower	Upper
82	100		
128	37.8	33.0	49.6
54	48.1	39.0	58.4





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.63 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF089184.D

Acq: 21 Jul 2016 17:12

Instrument :

BNA_F

ClientSampleId :

TS-1

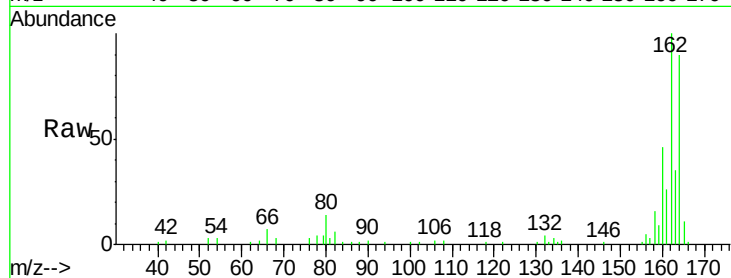
Tgt Ion:164 Resp: 65988

Ion Ratio Lower Upper

164 100

162 111.3 84.1 126.1

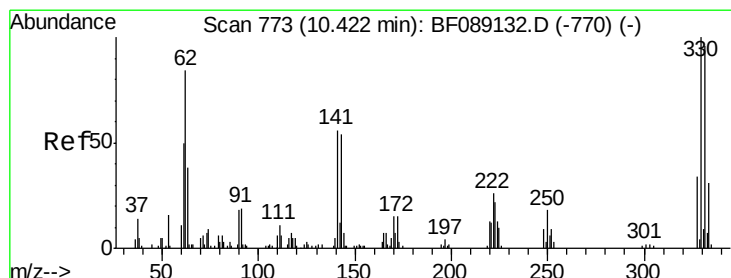
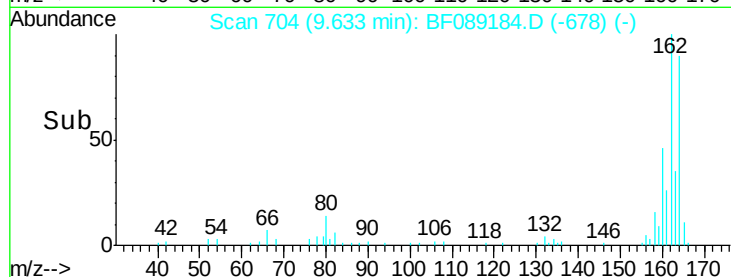
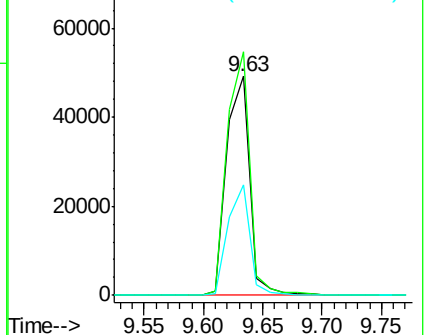
160 50.8 37.1 55.7



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: 9.47 ng

RT: 10.41 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF089184.D

Acq: 21 Jul 2016 17:12

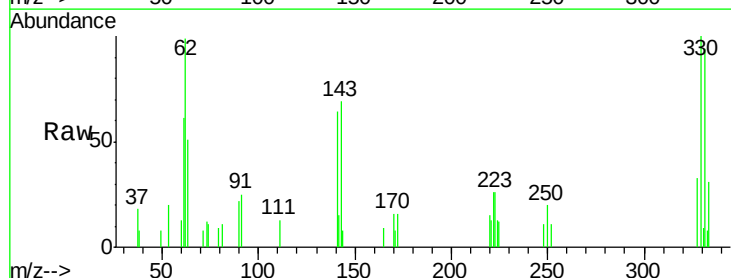
Tgt Ion:330 Resp: 5624

Ion Ratio Lower Upper

330 100

332 89.0 77.2 115.8

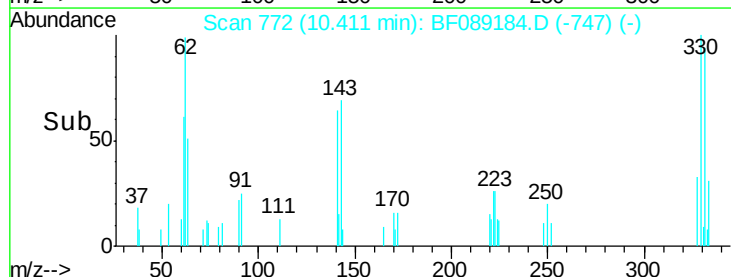
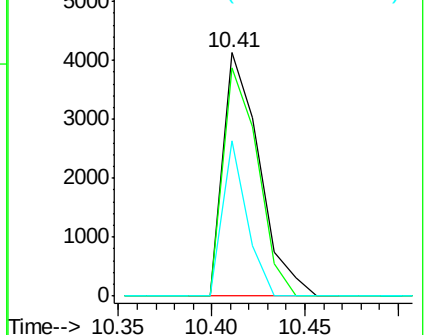
141 42.7 42.2 63.2

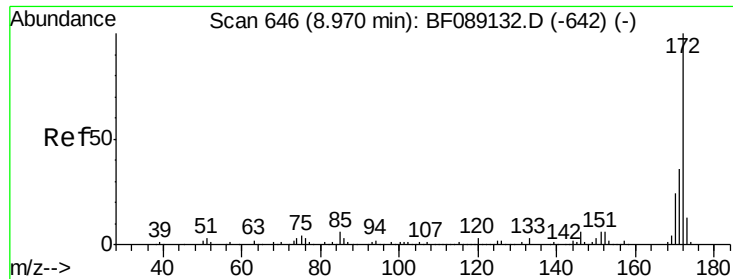


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

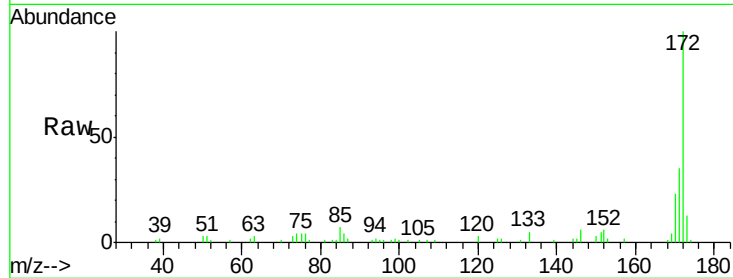




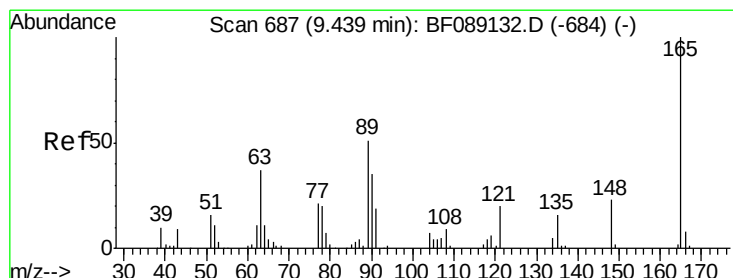
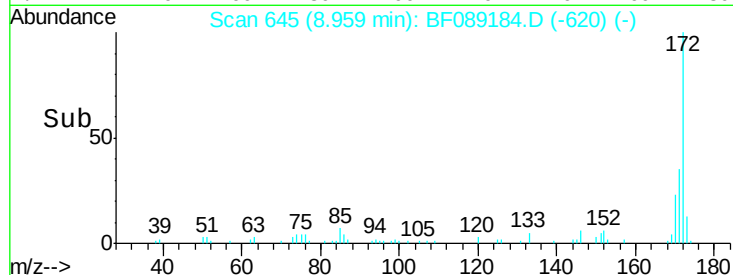
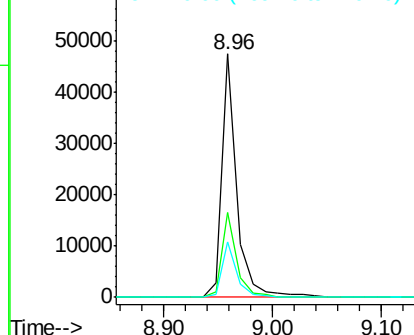
#44
 2-Fluorobiphenyl
 Concen: 9.52 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.01 min
 Lab File: BF089184.D
 Acq: 21 Jul 2016 17:12

Instrument :
 BNA_F
 ClientSampleId :
 TS-1

Tgt Ion:172 Resp: 45616
 Ion Ratio Lower Upper
 172 100
 171 35.1 29.2 43.8
 170 22.6 19.1 28.7

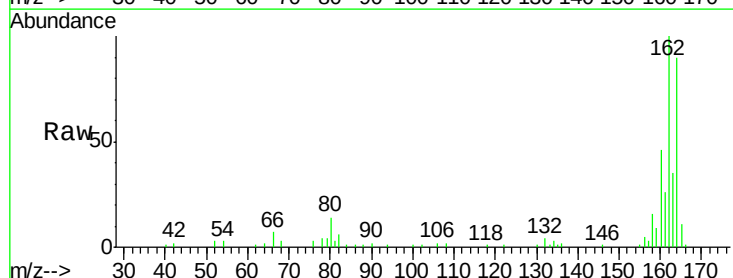


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

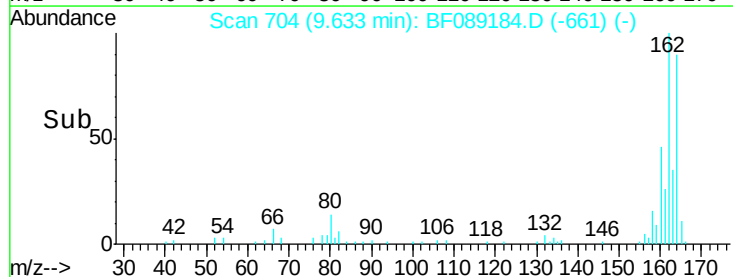
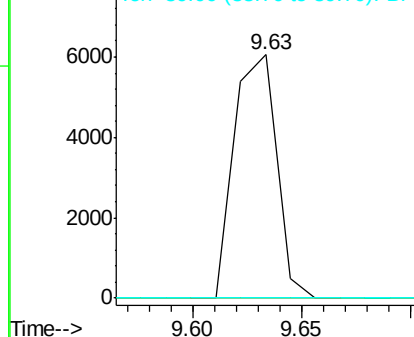


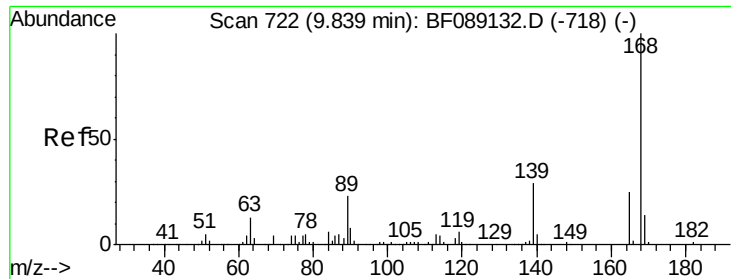
#50
 2,6-Dinitrotoluene
 Concen: 7.18 ng
 RT: 9.63 min Scan# 704
 Delta R.T. 0.19 min
 Lab File: BF089184.D
 Acq: 21 Jul 2016 17:12

Tgt Ion:165 Resp: 8204
 Ion Ratio Lower Upper
 165 100
 63 0.0 37.0 55.4#
 89 0.0 40.9 61.3#



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

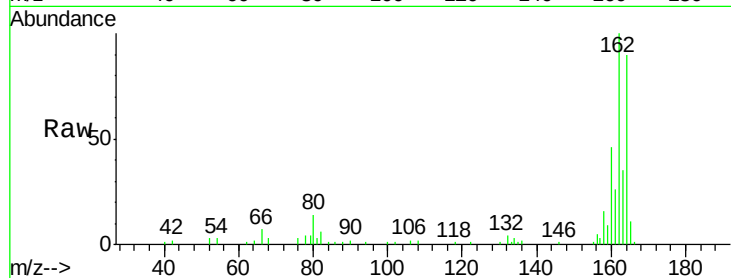




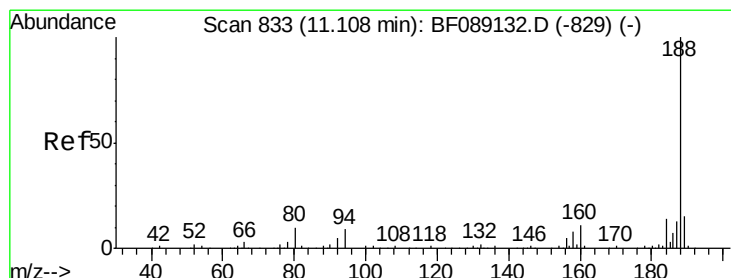
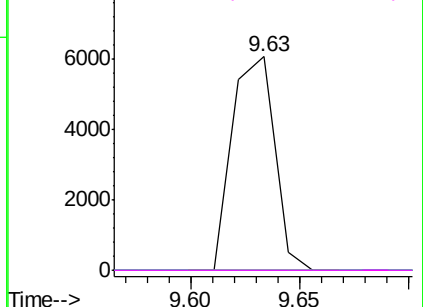
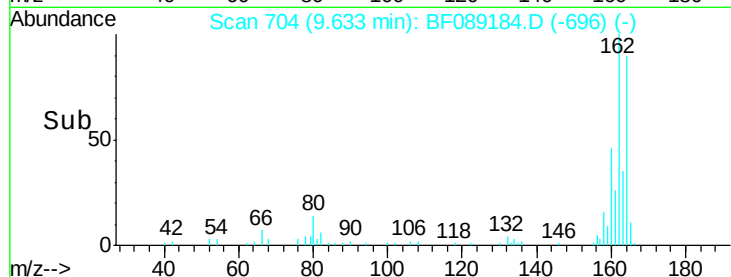
#56
 2,4-Dinitrotoluene
 Concen: 5.57 ng
 RT: 9.63 min Scan# 704
 Delta R.T. -0.21 min
 Lab File: BF089184.D
 Acq: 21 Jul 2016 17:12

Instrument :
 BNA_F
 ClientSampleId :
 TS-1

Tgt Ion:165 Resp: 8204
 Ion Ratio Lower Upper
 165 100
 63 0.0 55.4 83.2#
 89 0.0 74.3 111.5#
 182 0.0 2.0 3.0#

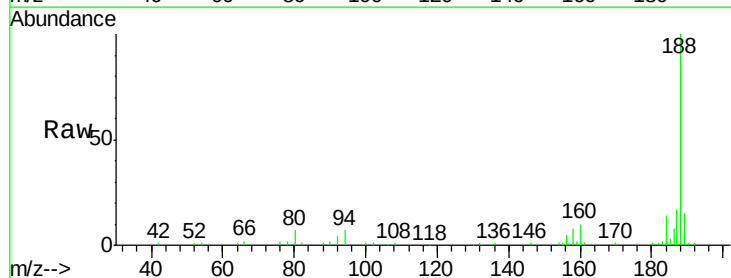


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

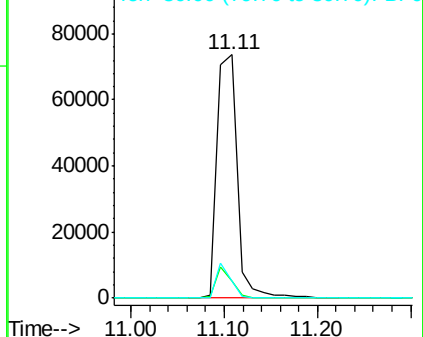
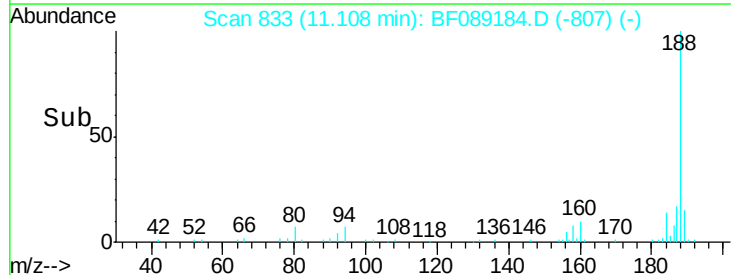


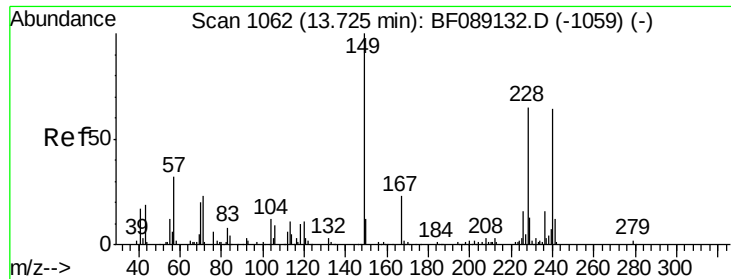
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.11 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: BF089184.D
 Acq: 21 Jul 2016 17:12

Tgt Ion:188 Resp: 110744
 Ion Ratio Lower Upper
 188 100
 94 6.9 7.0 10.4#
 80 7.2 7.7 11.5#



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: 13.73 min Scan# 1062

Delta R.T. 0.00 min

Lab File: BF089184.D

Acq: 21 Jul 2016 17:12

Instrument :

BNA_F

ClientSampleId :

TS-1

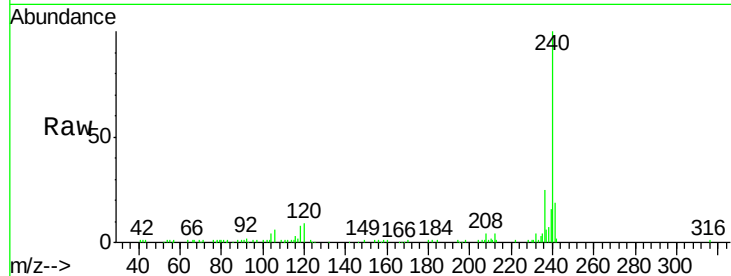
Tgt Ion:240 Resp: 95951

Ion Ratio Lower Upper

240 100

120 8.9 13.6 20.4#

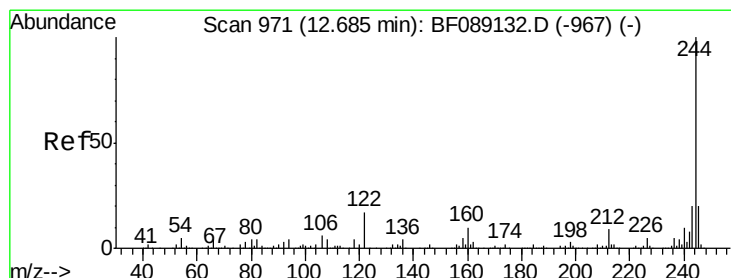
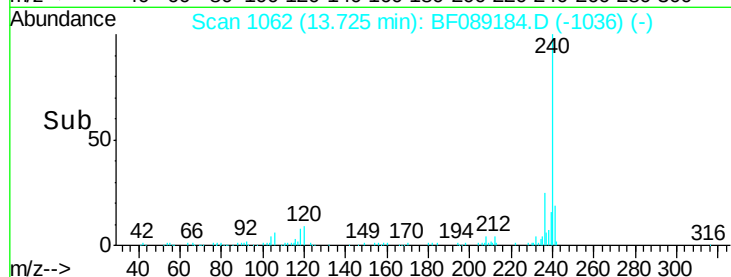
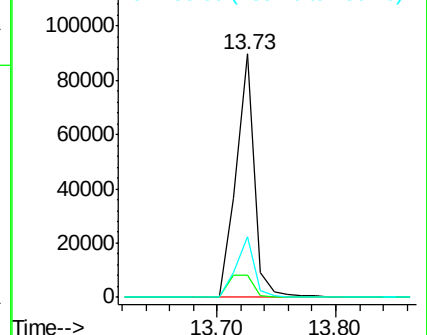
236 24.7 20.5 30.7



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: 5.10 ng

RT: 12.69 min Scan# 971

Delta R.T. 0.00 min

Lab File: BF089184.D

Acq: 21 Jul 2016 17:12

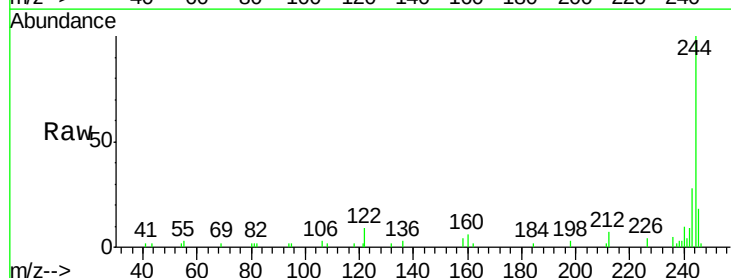
Tgt Ion:244 Resp: 22578

Ion Ratio Lower Upper

244 100

212 7.3 7.0 10.4

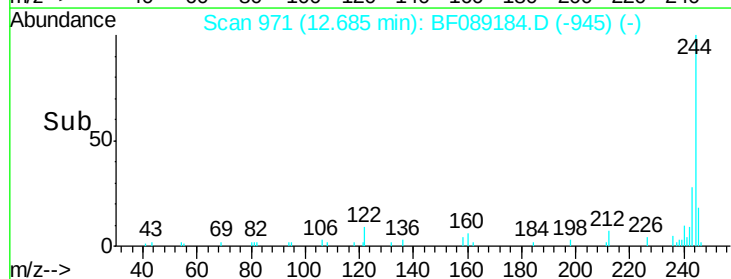
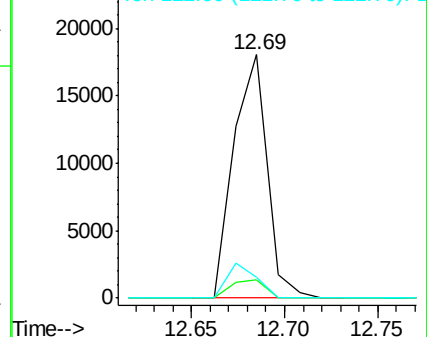
122 8.6 13.8 20.8#

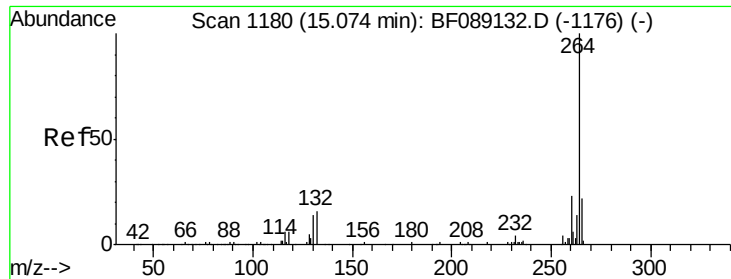


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

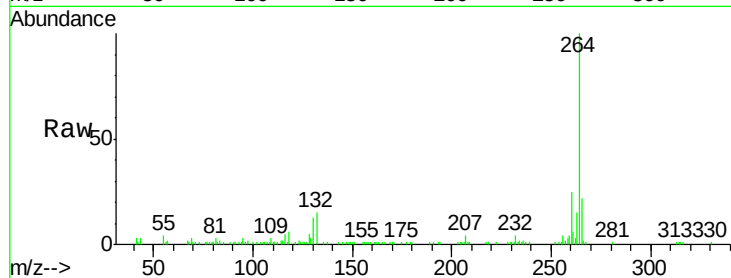




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.07 min Scan# 1180
Delta R.T. 0.00 min
Lab File: BF089184.D
Acq: 21 Jul 2016 17:12

Instrument :
BNA_F
ClientSampleId :
TS-1

Tgt Ion: 264 Resp: 75490
Ion Ratio Lower Upper
264 100
260 24.6 18.5 27.7
265 21.9 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

