

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
 Data File : BF089490.D
 Acq On : 1 Aug 2016 2:33
 Operator : UM/SJ
 Sample : H4222-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 01 04:03:15 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

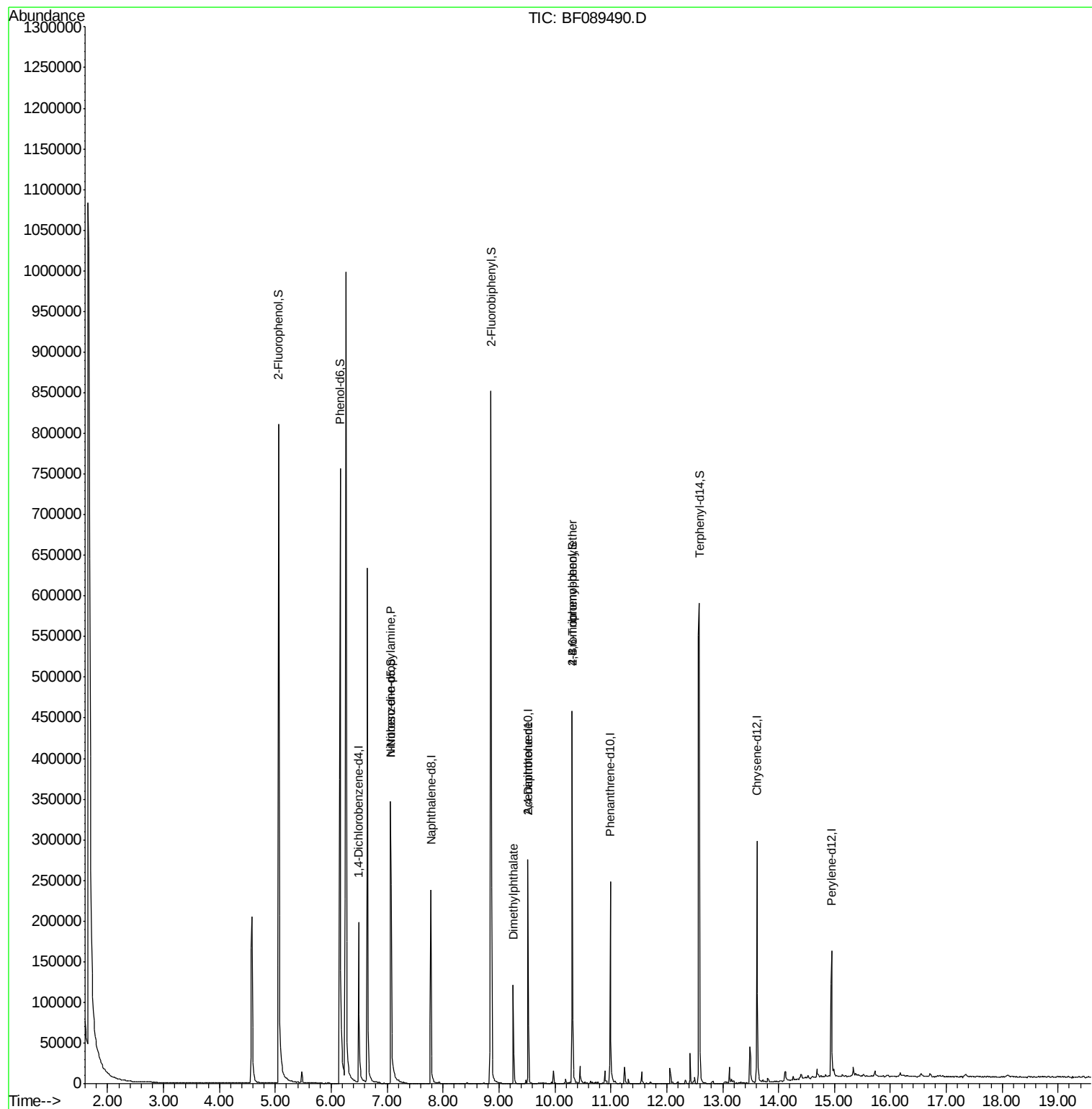
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	40999	20.00	ng	-0.06
21) Naphthalene-d8	7.78	136	139191	20.00	ng	-0.05
38) Acenaphthene-d10	9.52	164	54319	20.00	ng	-0.06
63) Phenanthrene-d10	10.99	188	105407	20.00	ng	-0.06
75) Chrysene-d12	13.61	240	109030	20.00	ng	-0.06
86) Perylene-d12	14.95	264	80386	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	285019	111.00	ng	-0.05
7) Phenol-d6	6.16	99	379222	111.76	ng	-0.05
23) Nitrobenzene-d5	7.06	82	198723	84.27	ng	-0.06
41) 2,4,6-Tribromophenol	10.31	330	49027	108.98	ng	-0.06
44) 2-Fluorobiphenyl	8.86	172	287511	77.68	ng	-0.06
78) Terphenyl-d14	12.58	244	278125	59.70	ng	-0.05
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.06	70	25434	12.43	ng	# 81
49) Dimethylphthalate	9.26	163	53281	12.89	ng	99
56) 2,4-Dinitrotoluene	9.52	165	6853	6.13	ng	# 7
66) 4-Bromophenyl-phenylether	10.31	248	3765	3.74	ng	# 1

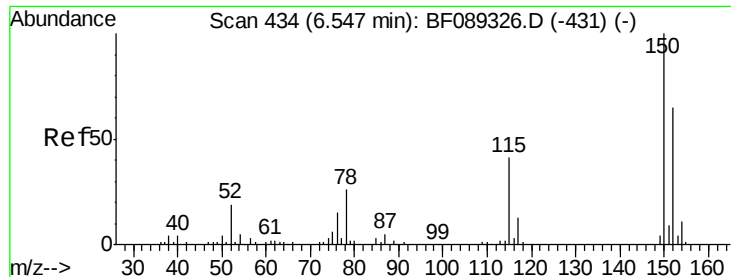
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF089490.D

Acq: 1 Aug 2016 2:33

Instrument :

BNA_F

ClientSampleId :

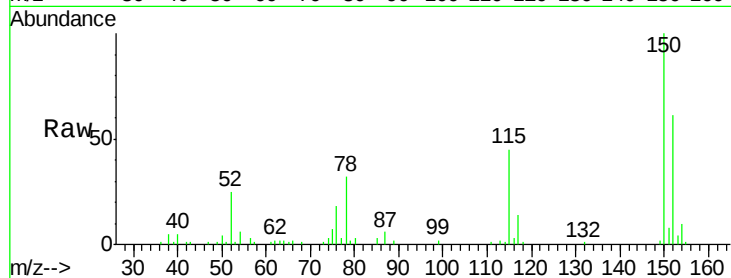
Tot Ion:152 Resp: 40999

Ion Ratio Lower Upper

152 100

150 163.9 129.5 194.3

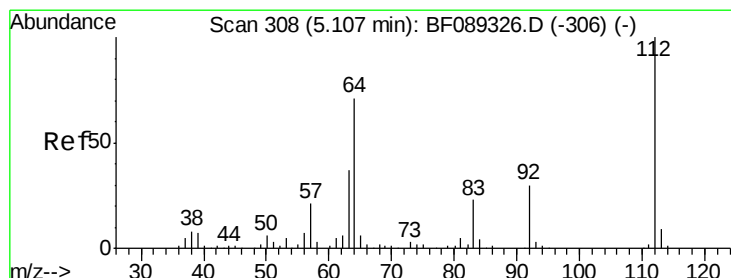
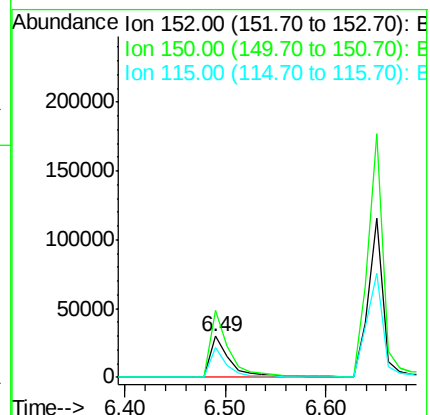
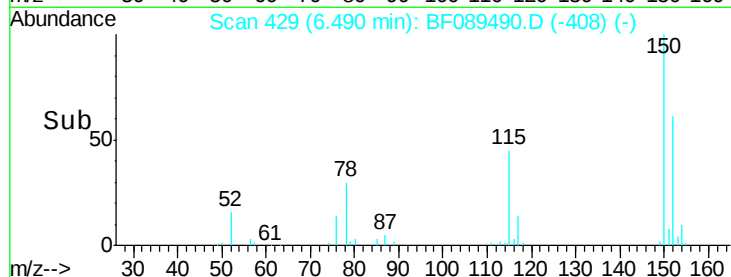
115 73.8 51.4 77.2



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



#5

2-Fluorophenol

Concen: 111.00 ng

RT: 5.06 min Scan# 304

Delta R.T. -0.05 min

Lab File: BF089490.D

Acq: 1 Aug 2016 2:33

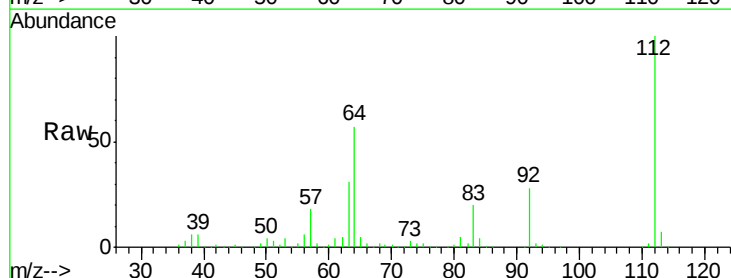
Tgt Ion:112 Resp: 285019

Ion Ratio Lower Upper

112 100

64 57.4 55.0 82.6

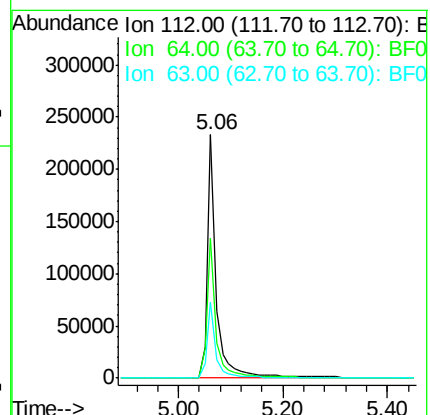
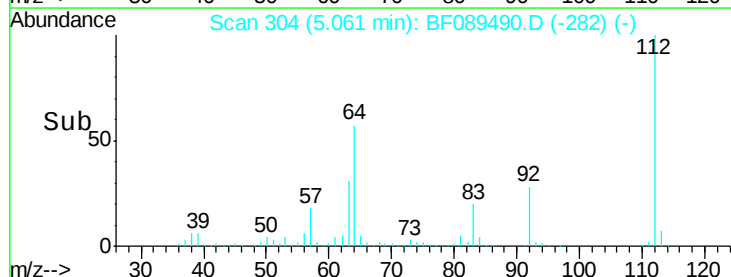
63 31.1 29.4 44.2



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: 111.76 ng

RT: 6.16 min Scan# 400

Delta R.T. -0.05 min

Lab File: BF089490.D

Acq: 1 Aug 2016 2:33

Instrument :

BNA_F

ClientSampled :

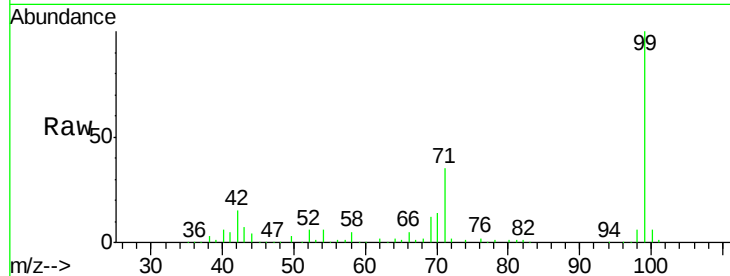
Tot Ion: 99 Resp: 379222

Ion Ratio Lower Upper

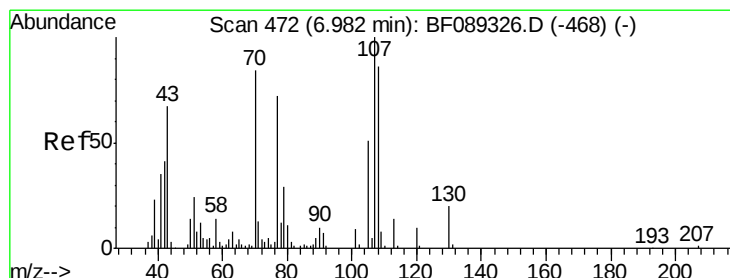
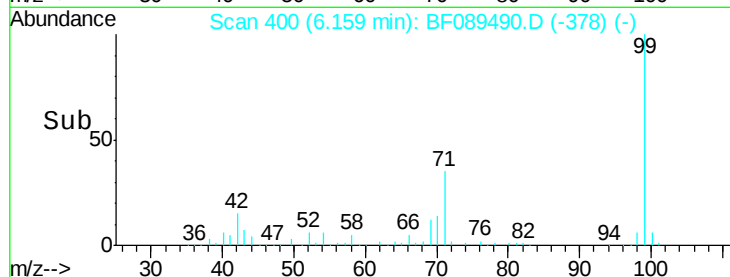
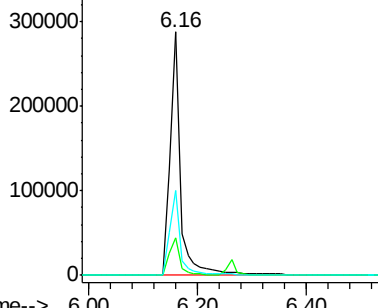
99 100

42 15.2 13.6 20.4

71 35.1 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



#19

n-Nitroso-di-n-propylamine

Concen: 12.43 ng

RT: 7.06 min Scan# 479

Delta R.T. 0.08 min

Lab File: BF089490.D

Acq: 1 Aug 2016 2:33

Tgt Ion: 70 Resp: 25434

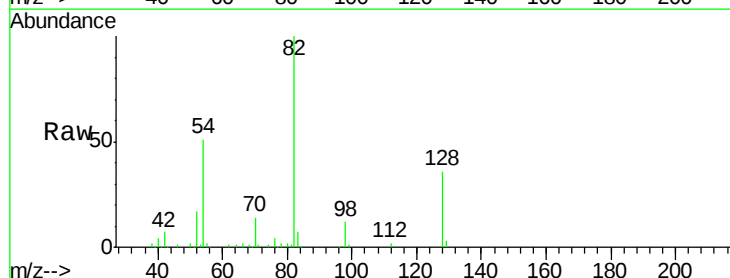
Ion Ratio Lower Upper

70 100

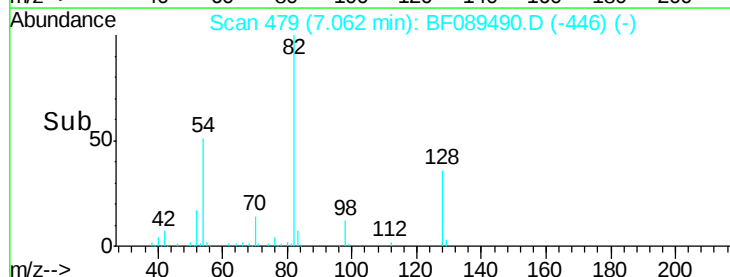
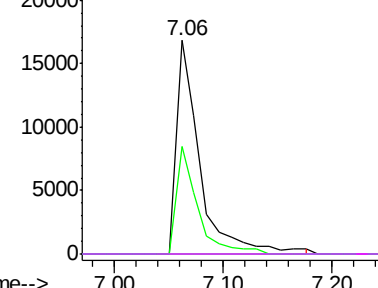
42 50.3 38.6 57.8

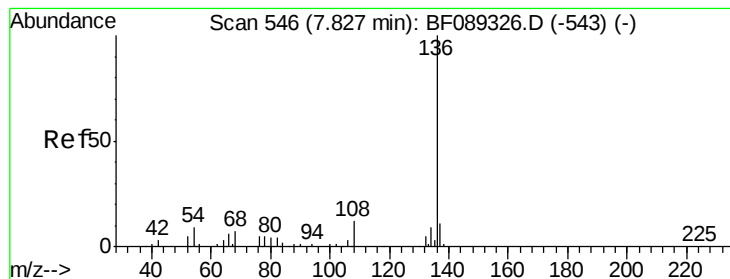
101 0.0 8.3 12.5#

130 0.0 19.0 28.4#



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: 7.78 min Scan# 542

Delta R.T. -0.05 min

Lab File: BF089490.D

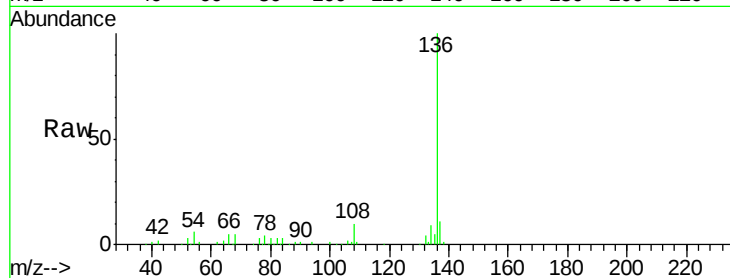
Acq: 1 Aug 2016 2:33

Instrument :

BNA_F

ClientSampled :

Tot Ion:136	Resp:	139191
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.6 13.0
54	5.9	7.0 10.4#
68	5.0	4.9 7.3

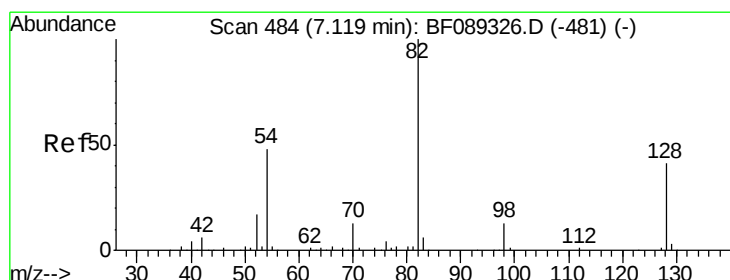
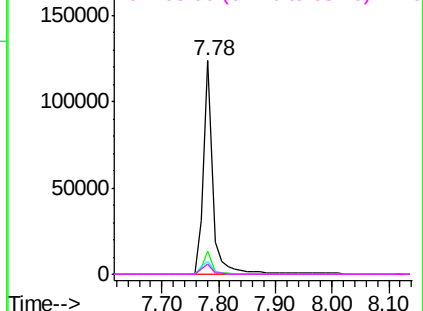
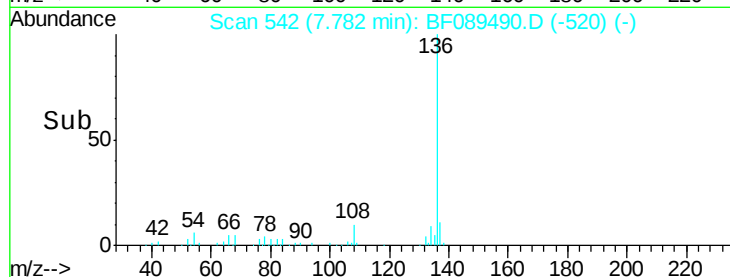


Abundance Ion 136.00 (135.70 to 136.70): E

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: 84.27 ng

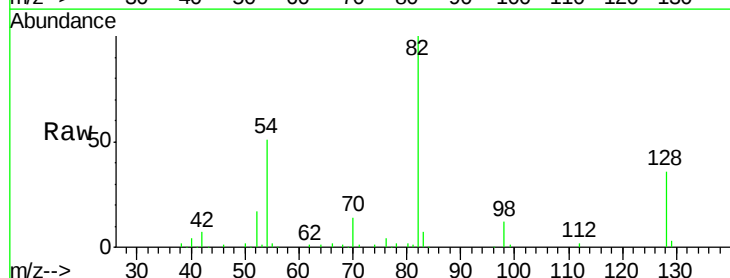
RT: 7.06 min Scan# 479

Delta R.T. -0.06 min

Lab File: BF089490.D

Acq: 1 Aug 2016 2:33

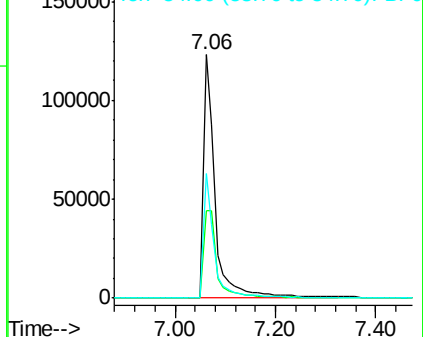
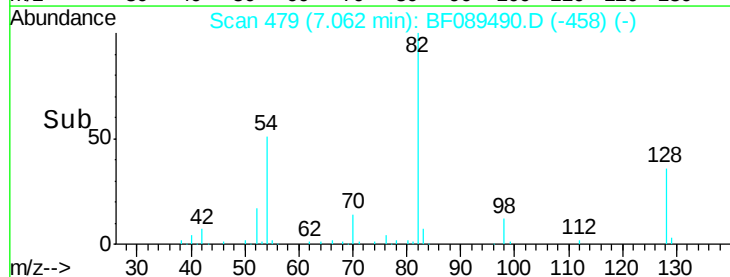
Tgt Ion: 82	Resp:	198723
Ion Ratio	Lower	Upper
82	100	
128	35.9	32.5 48.7
54	51.2	38.8 58.2

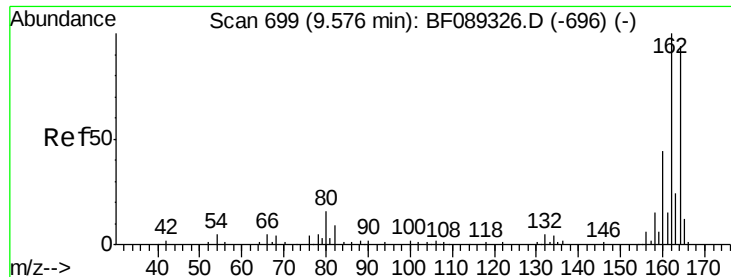


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: BF089490.D

Acq: 1 Aug 2016 2:33

Instrument :

BNA_F

ClientSampleId :

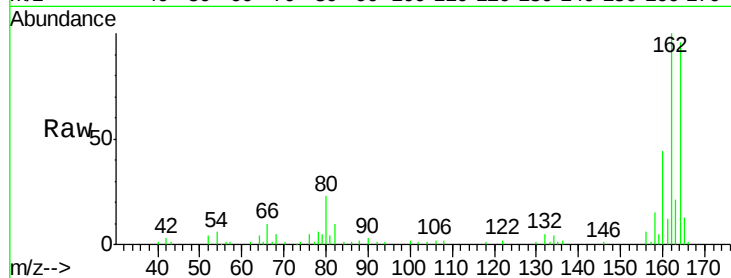
Tot Ion:164 Resp: 54319

Ion Ratio Lower Upper

164 100

162 104.3 83.7 125.5

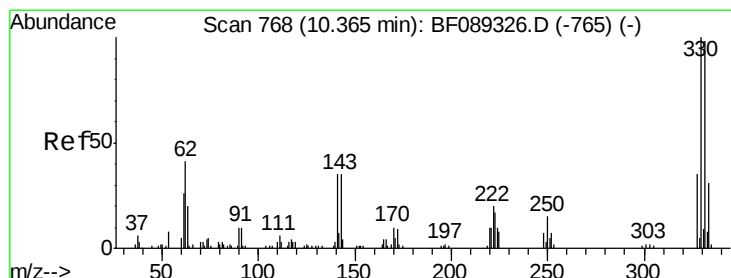
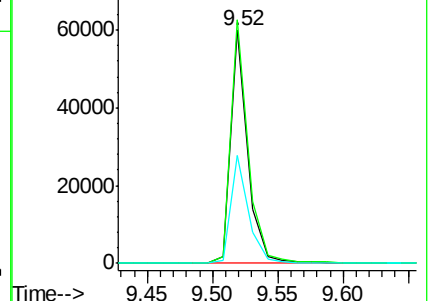
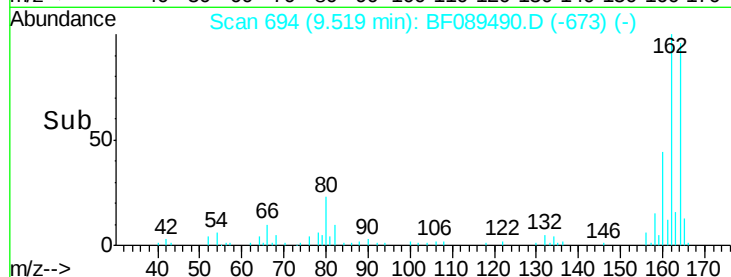
160 46.1 37.8 56.6



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: 108.98 ng

RT: 10.31 min Scan# 763

Delta R.T. -0.06 min

Lab File: BF089490.D

Acq: 1 Aug 2016 2:33

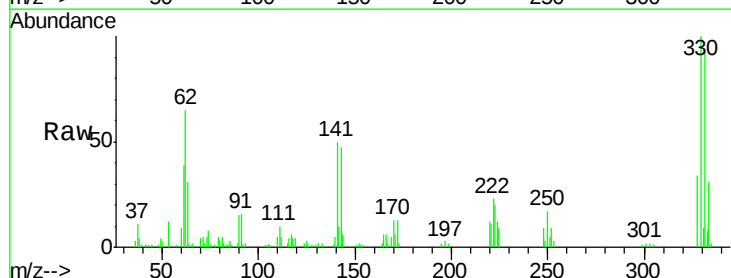
Tgt Ion:330 Resp: 49027

Ion Ratio Lower Upper

330 100

332 95.3 76.8 115.2

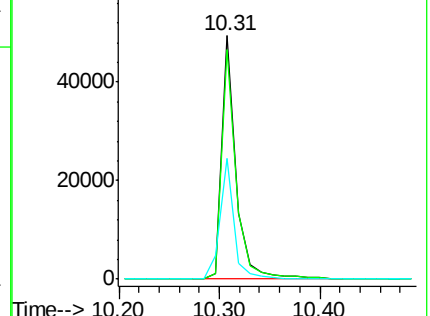
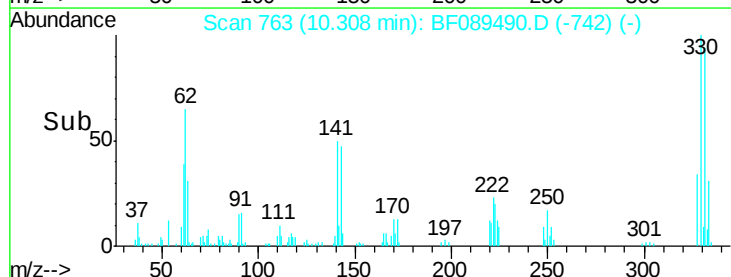
141 48.7 37.3 55.9

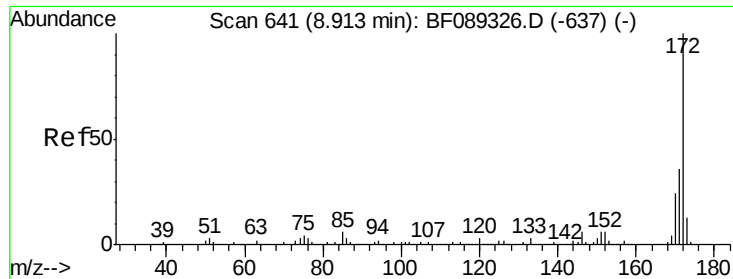


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

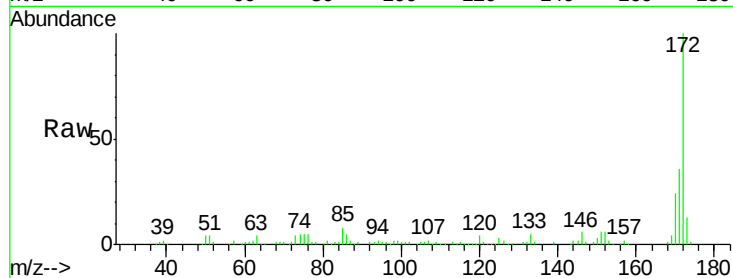




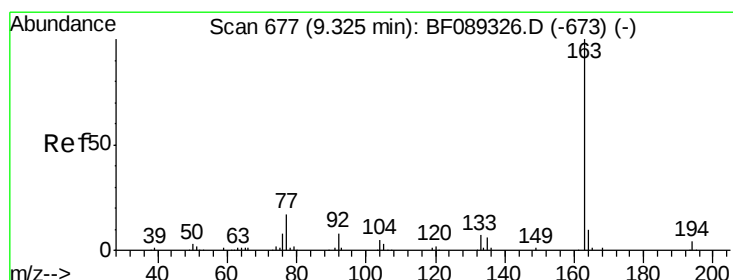
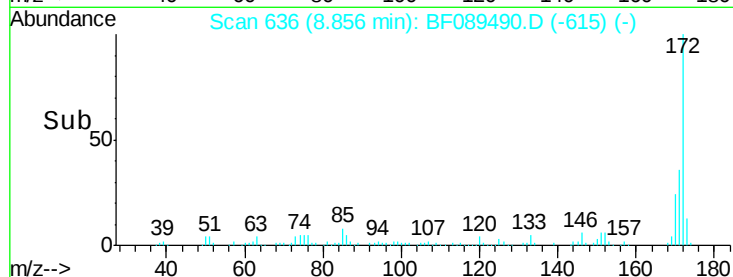
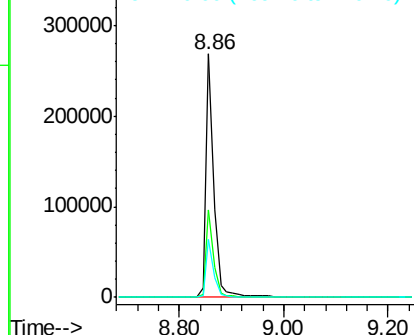
#44
2-Fluorobiphenyl
Concen: 77.68 ng
RT: 8.86 min Scan# 636
Delta R.T. -0.06 min
Lab File: BF089490.D
Acq: 1 Aug 2016 2:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 287511
Ion Ratio Lower Upper
172 100
171 35.7 29.2 43.8
170 23.8 19.2 28.8

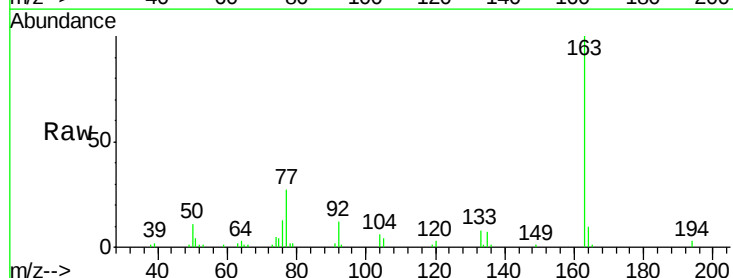


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

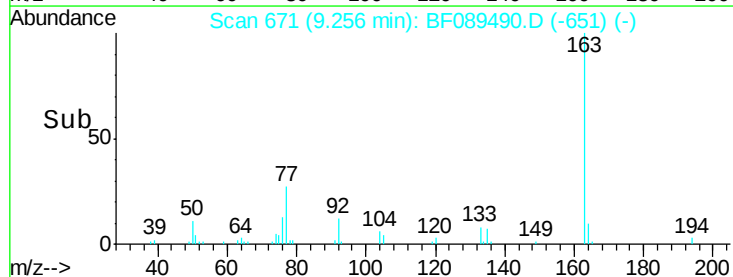
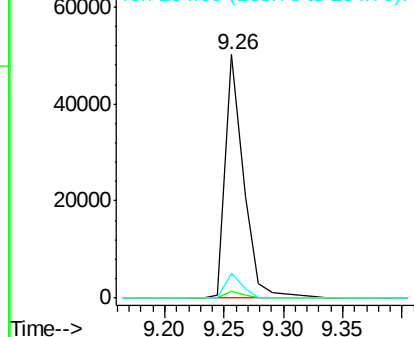


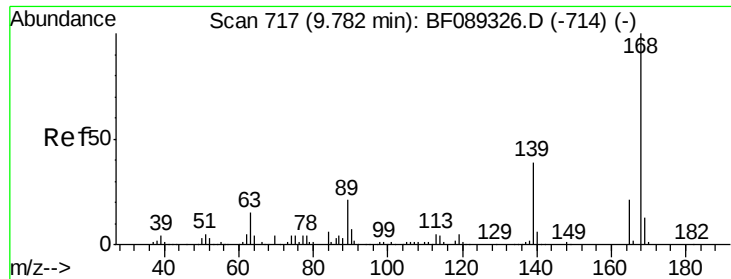
#49
Dimethylphthalate
Concen: 12.89 ng
RT: 9.26 min Scan# 671
Delta R.T. -0.07 min
Lab File: BF089490.D
Acq: 1 Aug 2016 2:33

Tgt Ion:163 Resp: 53281
Ion Ratio Lower Upper
163 100
194 2.9 2.8 4.2
164 10.3 7.8 11.8



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

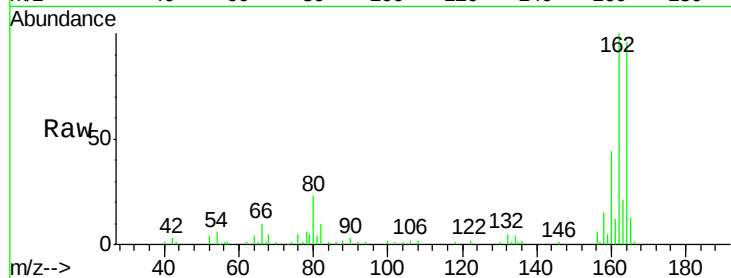




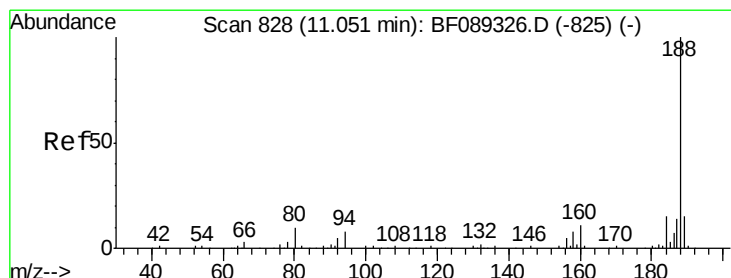
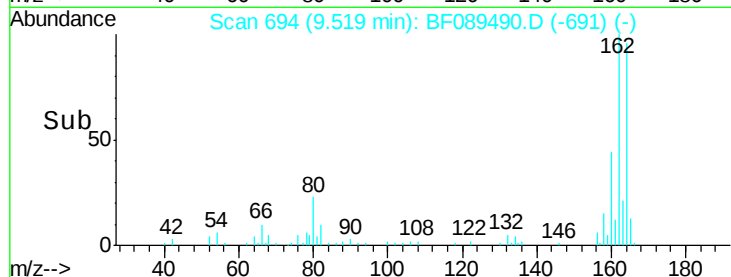
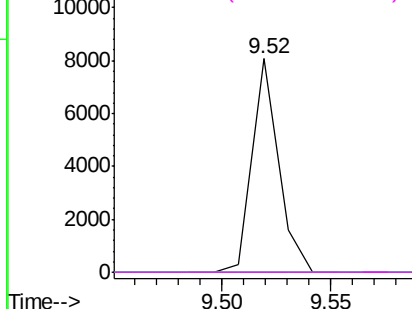
#56
 2,4-Dinitrotoluene
 Concen: 6.13 ng
 RT: 9.52 min Scan# 694
 Delta R.T. -0.26 min
 Lab File: BF089490.D
 Acq: 1 Aug 2016 2:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 6853
 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#

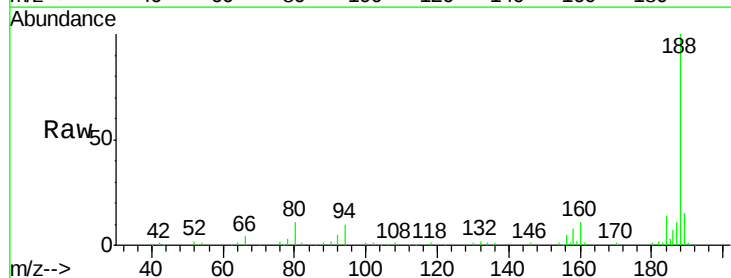


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

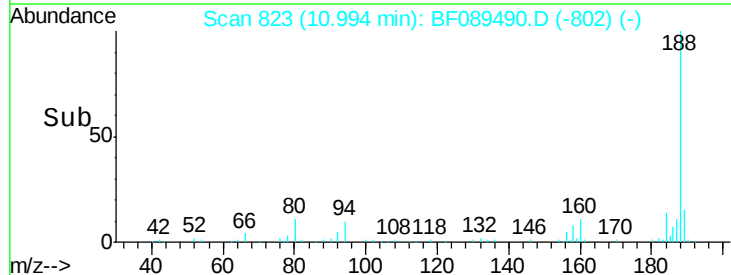
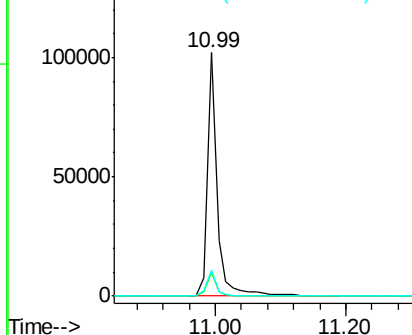


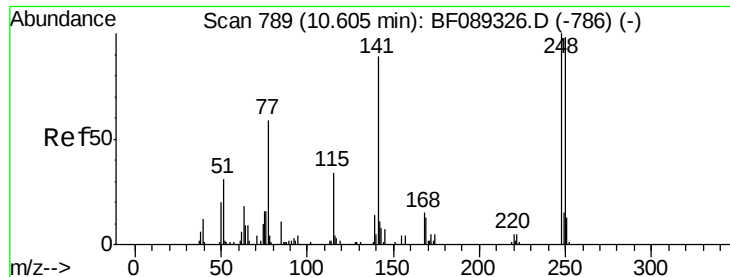
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.99 min Scan# 823
 Delta R.T. -0.06 min
 Lab File: BF089490.D
 Acq: 1 Aug 2016 2:33

Tgt Ion:188 Resp: 105407
 Ion Ratio Lower Upper
 188 100
 94 9.6 6.5 9.7
 80 10.7 7.2 10.8



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

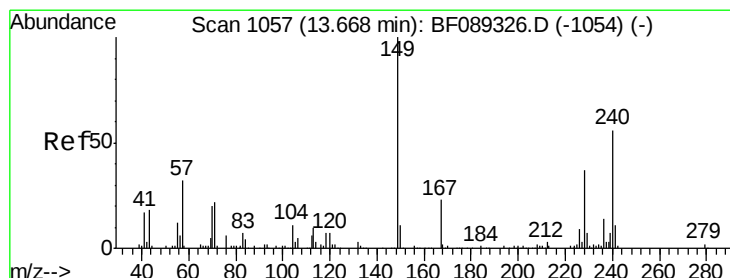
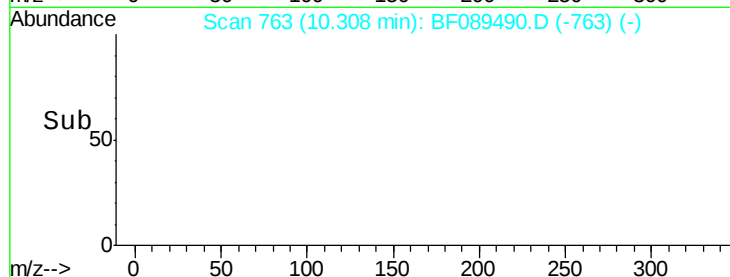
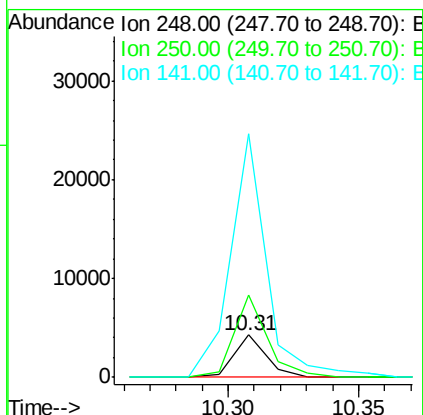
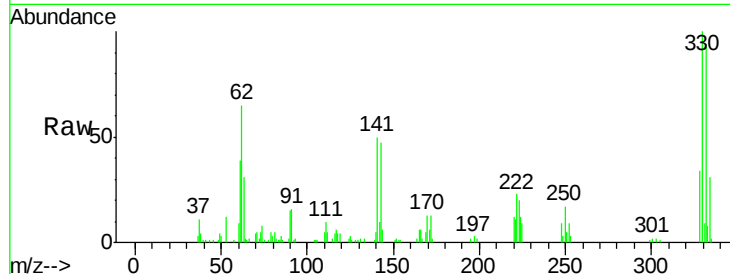




#66
4-Bromophenyl-phenylether
Concen: 3.74 ng
RT: 10.31 min Scan# 763
Delta R.T. -0.30 min
Lab File: BF089490.D
Acq: 1 Aug 2016 2:33

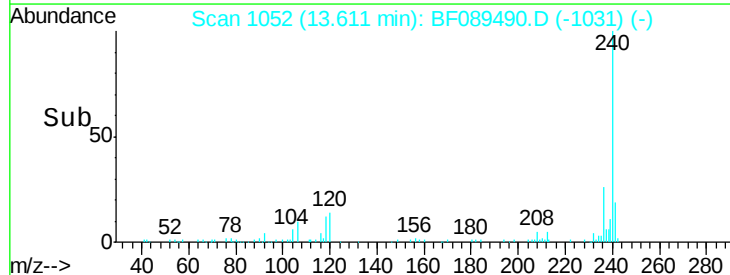
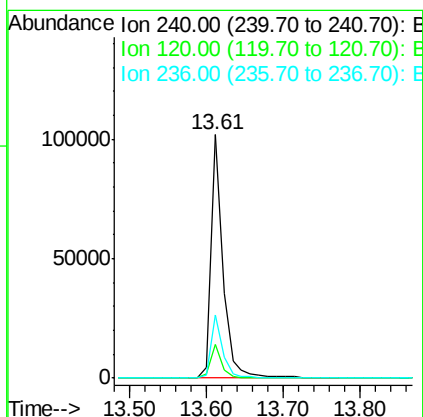
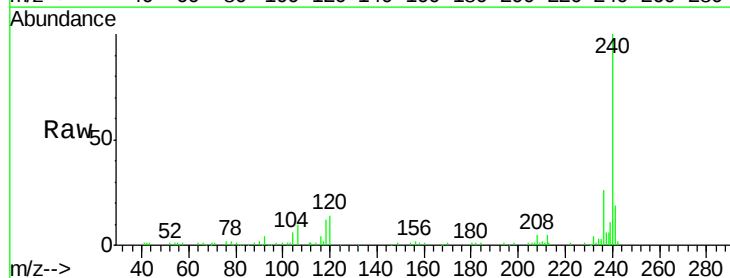
Instrument :
BNA_F
ClientSampleId :

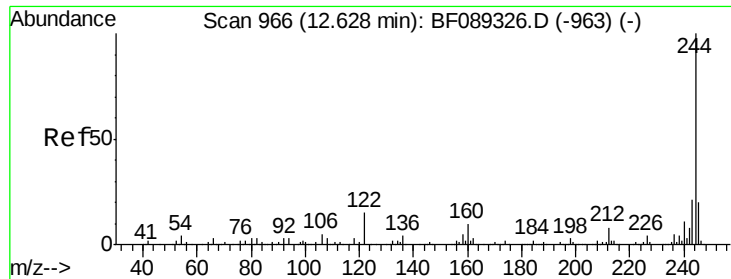
Tot Ion:248 Resp: 3765
Ion Ratio Lower Upper
248 100
250 194.7 78.2 117.2#
141 572.2 62.0 93.0#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.61 min Scan# 1052
Delta R.T. -0.06 min
Lab File: BF089490.D
Acq: 1 Aug 2016 2:33

Tgt Ion:240 Resp: 109030
Ion Ratio Lower Upper
240 100
120 13.8 9.1 13.7#
236 26.0 20.6 30.8

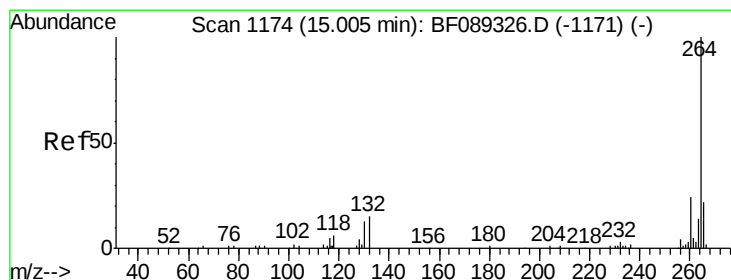
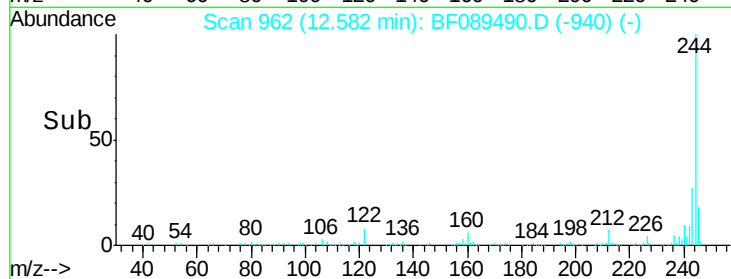
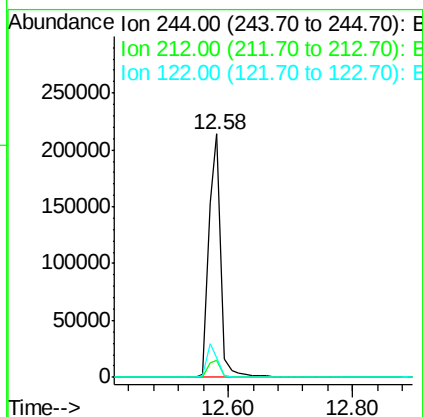
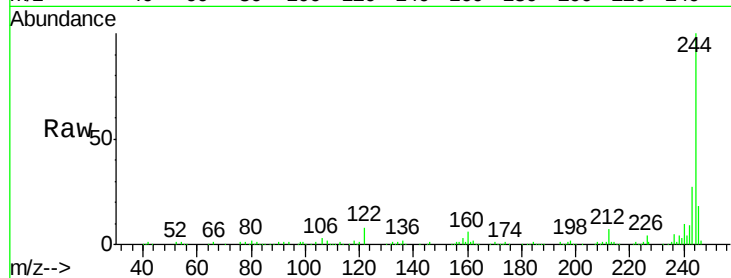




#78
 Terphenyl-d14
 Concen: 59.70 ng
 RT: 12.58 min Scan# 962
 Delta R.T. -0.05 min
 Lab File: BF089490.D
 Acq: 1 Aug 2016 2:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 278125
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.5 9.7
 122 7.8 11.4 17.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.95 min Scan# 1169
 Delta R.T. -0.06 min
 Lab File: BF089490.D
 Acq: 1 Aug 2016 2:33

Tgt Ion:264 Resp: 80386
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.0 28.4
 265 21.0 17.5 26.3

