

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
 Data File : BF089479.D
 Acq On : 31 Jul 2016 19:18
 Operator : UM/SJ
 Sample : H4285-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

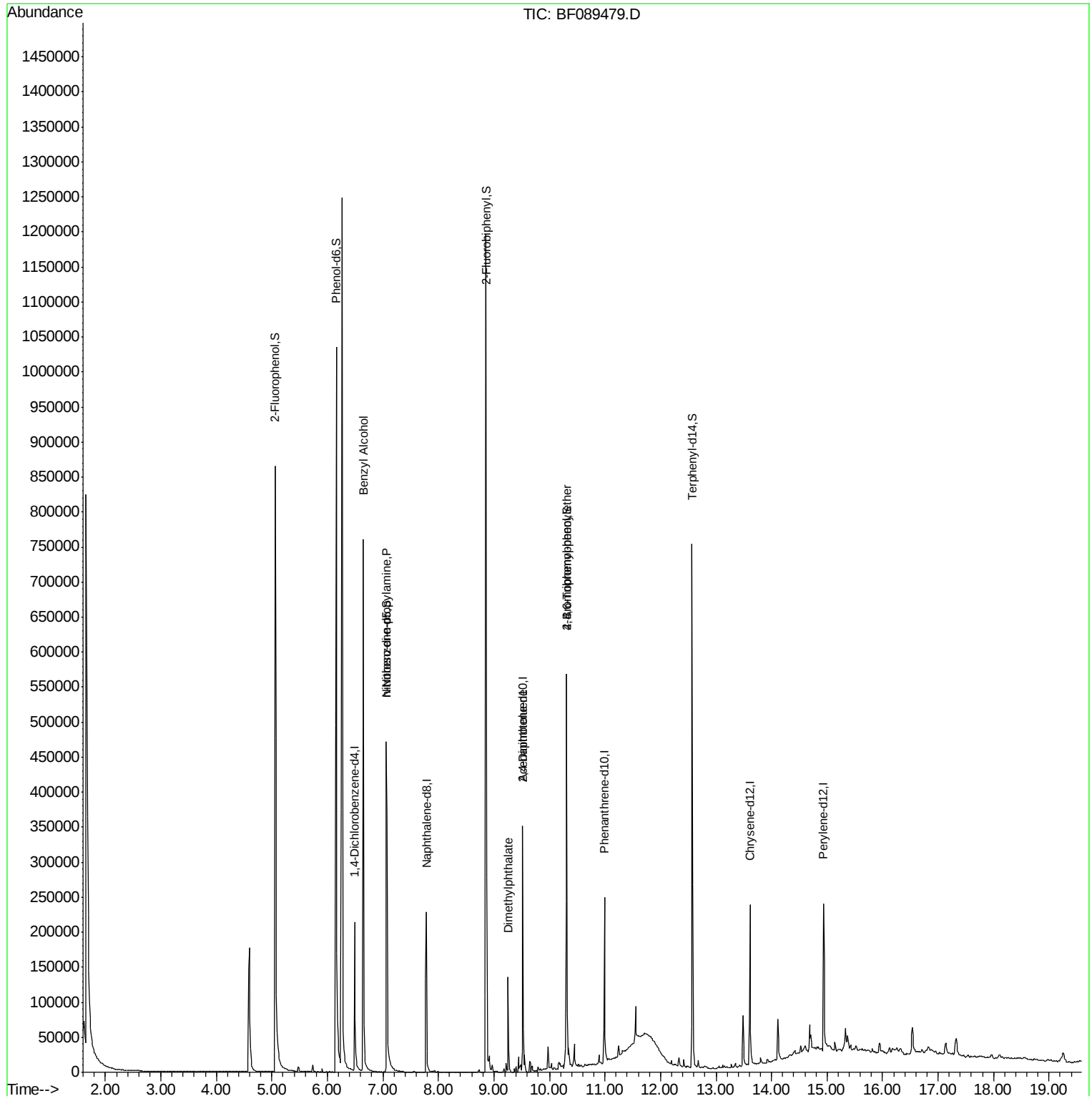
Quant Time: Aug 01 01:15:51 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 28 16:02:32 2016
 Response via : Initial Calibration

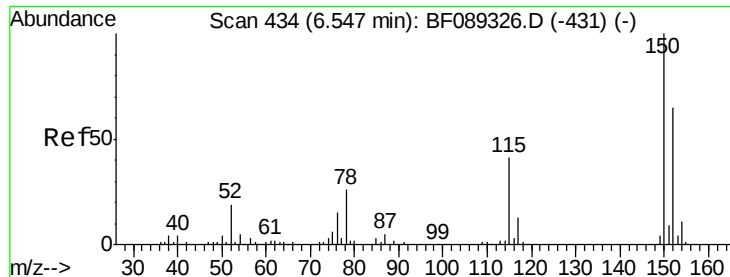
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	41915	20.00	ng	-0.06
21) Naphthalene-d8	7.78	136	154240	20.00	ng	-0.05
38) Acenaphthene-d10	9.52	164	66637	20.00	ng	-0.06
63) Phenanthrene-d10	10.99	188	98792	20.00	ng	-0.06
75) Chrysene-d12	13.61	240	88486	20.00	ng	-0.06
86) Perylene-d12	14.94	264	95230	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	344971	131.41	ng	-0.05
7) Phenol-d6	6.16	99	488755	140.89	ng	-0.05
23) Nitrobenzene-d5	7.06	82	269908	103.29	ng	-0.06
41) 2,4,6-Tribromophenol	10.31	330	64070	116.09	ng	-0.06
44) 2-Fluorobiphenyl	8.86	172	391335	86.19	ng	-0.06
78) Terphenyl-d14	12.57	244	247906	65.57	ng	-0.06
Target Compounds						
15) Benzyl Alcohol	6.65	79	4585	2.13	ng	# 47
19) n-Nitroso-di-n-propylamine	7.06	70	34865	16.67	ng	# 81
49) Dimethylphthalate	9.26	163	55474	10.94	ng	97
56) 2,4-Dinitrotoluene	9.52	165	8285	6.04	ng	# 7
66) 4-Bromophenyl-phenylether	10.31	248	4768	5.05	ng	# 1

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

```
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Acq On    : 31 Jul 2016   19:18  
Operator  : UM/SJ  
Sample    : H4285-05  
Misc      :  
ALS Vial  : 16      Sample Multiplier: 1
```

Quant Time: Aug 01 01:15:51 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: BF089479.D

Acq: 31 Jul 2016 19:18

Instrument :

BNA_F

ClientSampled :

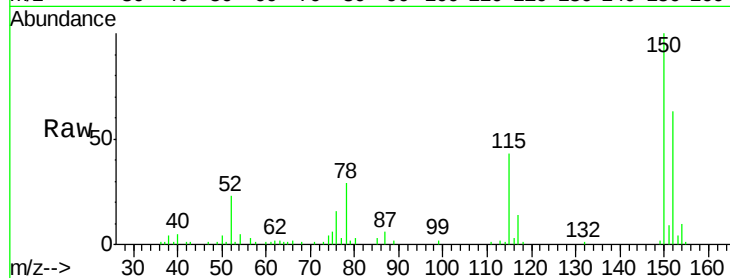
Tot Ion:152 Resp: 41915

Ion Ratio Lower Upper

152 100

150 158.3 129.5 194.3

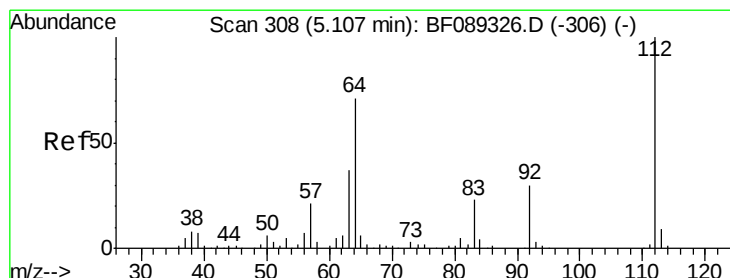
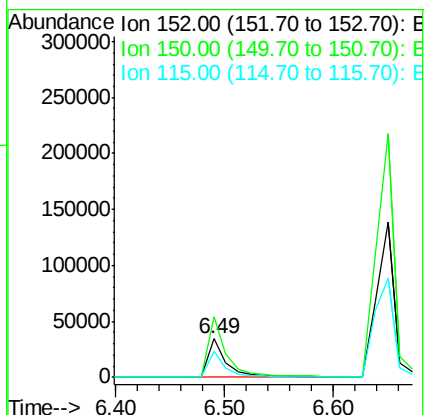
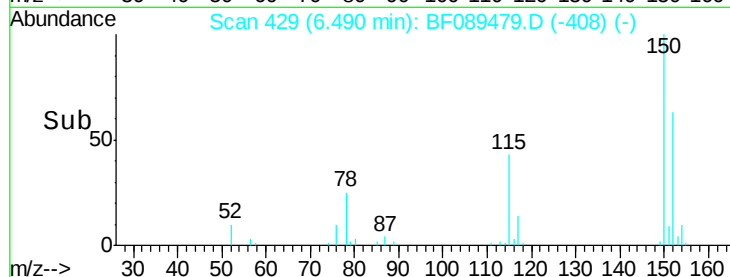
115 67.7 51.4 77.2



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: 131.41 ng

RT: 5.06 min Scan# 304

Delta R.T. -0.05 min

Lab File: BF089479.D

Acq: 31 Jul 2016 19:18

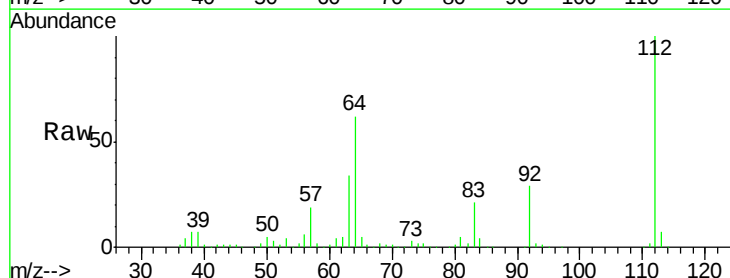
Tgt Ion:112 Resp: 344971

Ion Ratio Lower Upper

112 100

64 62.4 55.0 82.6

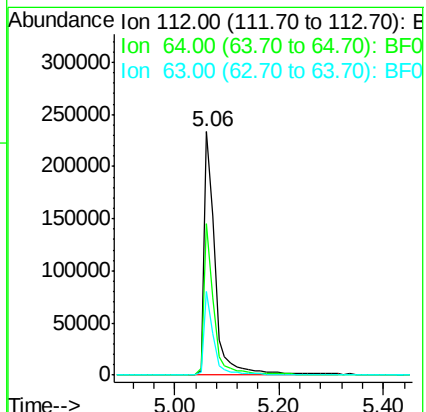
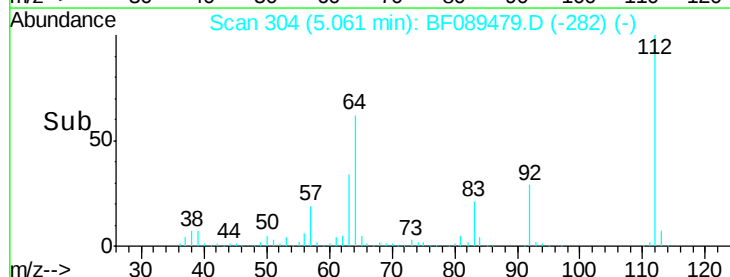
63 34.3 29.4 44.2



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: 140.89 ng

RT: 6.16 min Scan# 400

Delta R.T. -0.05 min

Lab File: BF089479.D

Acq: 31 Jul 2016 19:18

Instrument :

BNA_F

ClientSampleId :

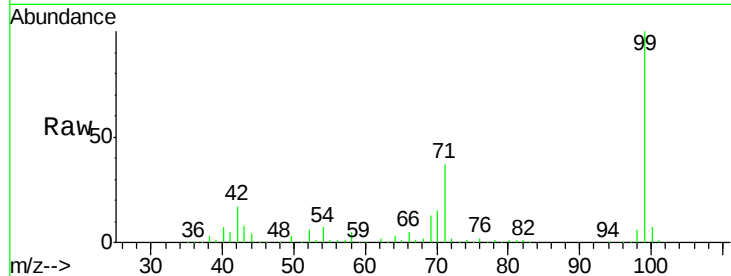
Tot Ion: 99 Resp: 488755

Ion Ratio Lower Upper

99 100

42 16.9 13.6 20.4

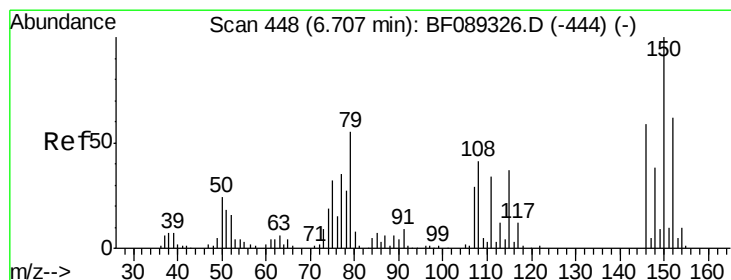
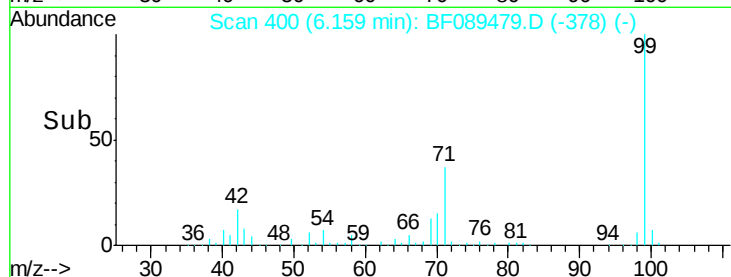
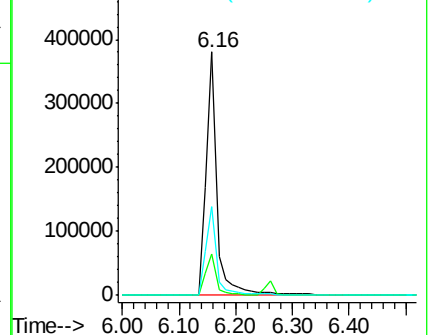
71 36.5 29.4 44.2



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



#15

Benzyl Alcohol

Concen: 2.13 ng

RT: 6.65 min Scan# 443

Delta R.T. -0.06 min

Lab File: BF089479.D

Acq: 31 Jul 2016 19:18

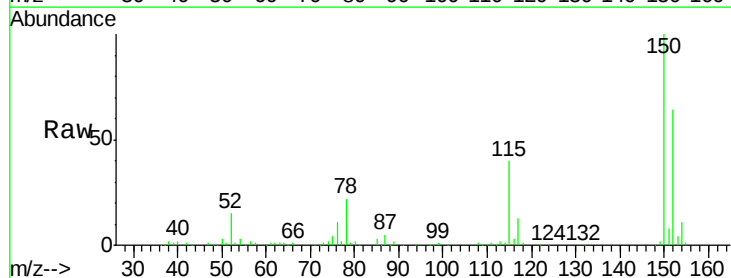
Tgt Ion: 79 Resp: 4585

Ion Ratio Lower Upper

79 100

108 34.7 59.8 89.6#

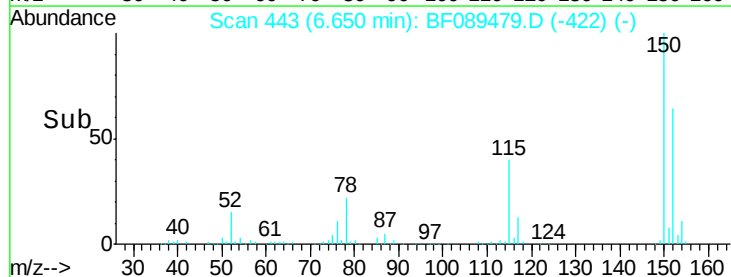
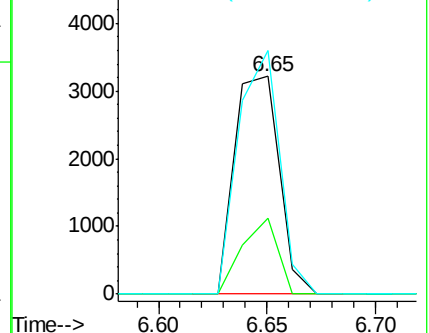
77 111.9 51.7 77.5#

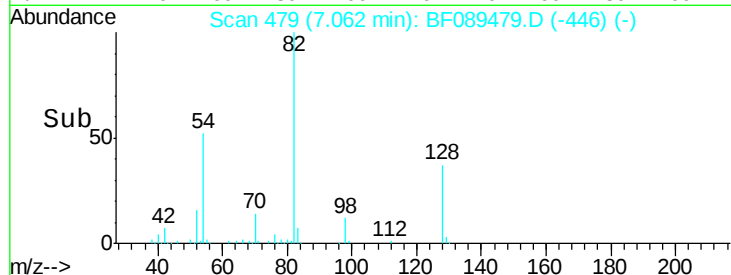
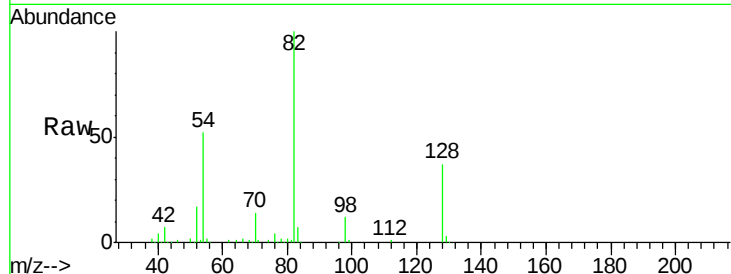
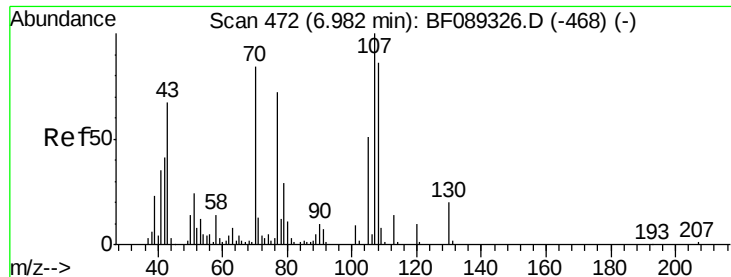


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

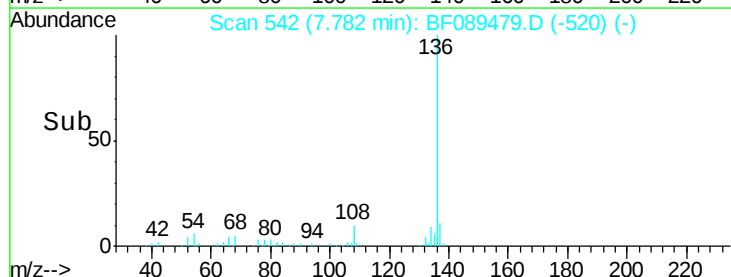
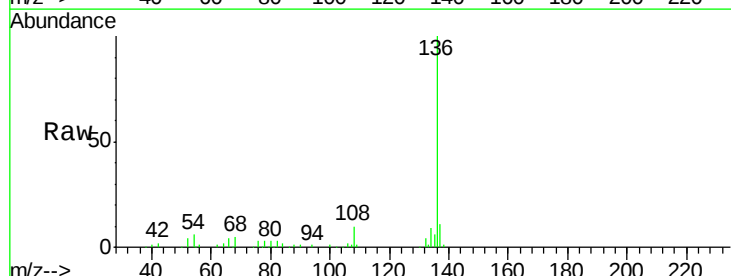
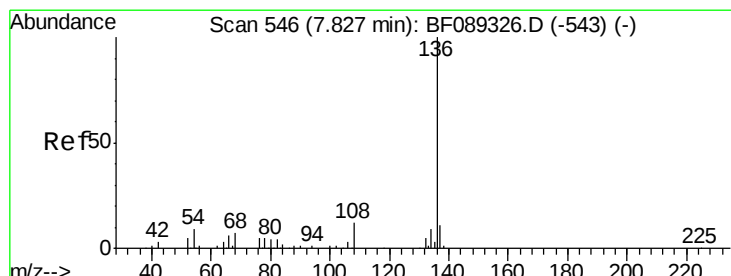
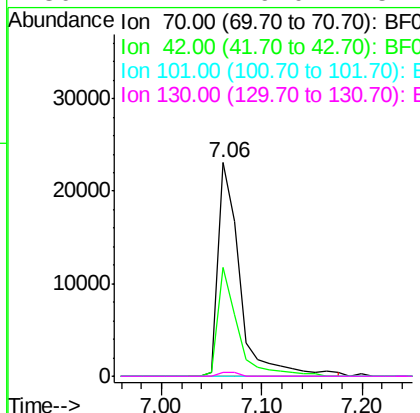




#19
n-Nitroso-di-n-propylamine
Concen: 16.67 ng
RT: 7.06 min Scan# 479
Delta R.T. 0.08 min
Lab File: BF089479.D
Acq: 31 Jul 2016 19:18

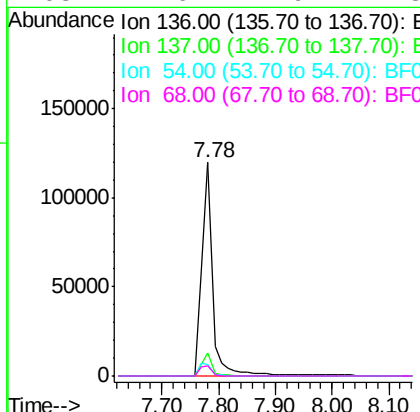
Instrument :
BNA_F
ClientSampleId :

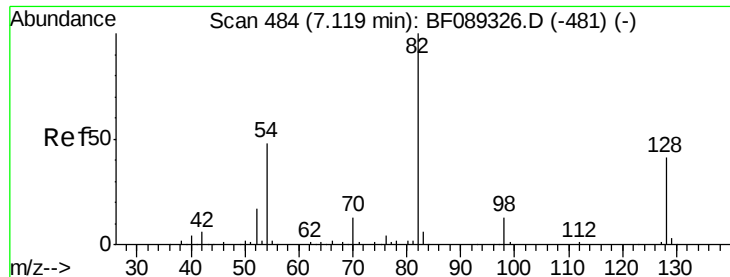
Tot Ion: 70 Resp: 34865
Ion Ratio Lower Upper
70 100
42 50.8 38.6 57.8
101 0.0 8.3 12.5#
130 1.7 19.0 28.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.78 min Scan# 542
Delta R.T. -0.05 min
Lab File: BF089479.D
Acq: 31 Jul 2016 19:18

Tgt Ion:136 Resp: 154240
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 5.7 7.0 10.4#
68 4.6 4.9 7.3#

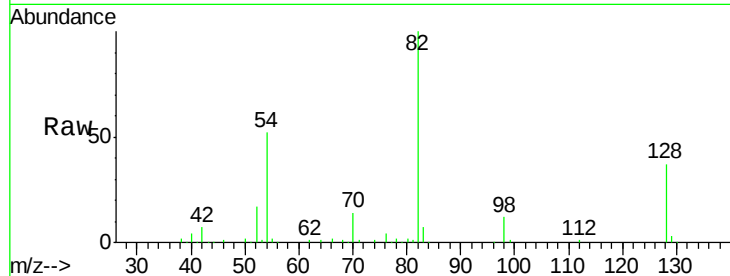




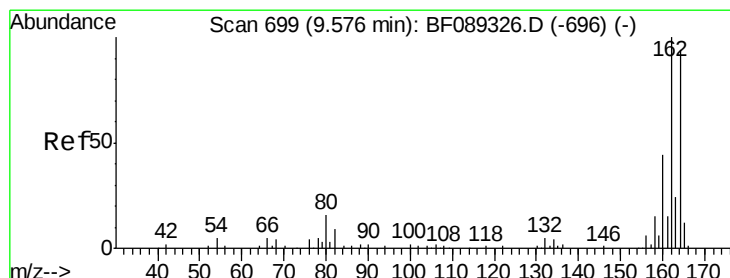
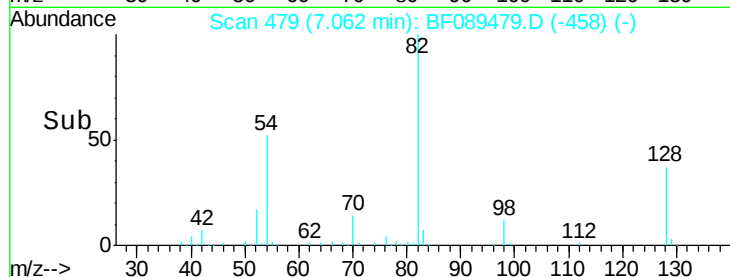
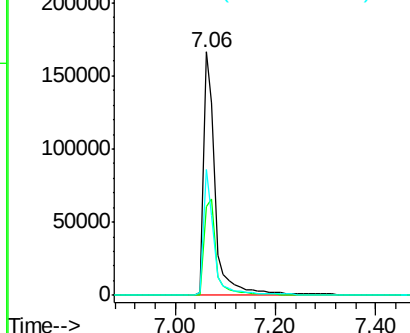
#23
 Nitrobenzene-d5
 Concen: 103.29 ng
 RT: 7.06 min Scan# 479
 Delta R.T. -0.06 min
 Lab File: BF089479.D
 Acq: 31 Jul 2016 19:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 269908
 Ion Ratio Lower Upper
 82 100
 128 36.6 32.5 48.7
 54 51.8 38.8 58.2

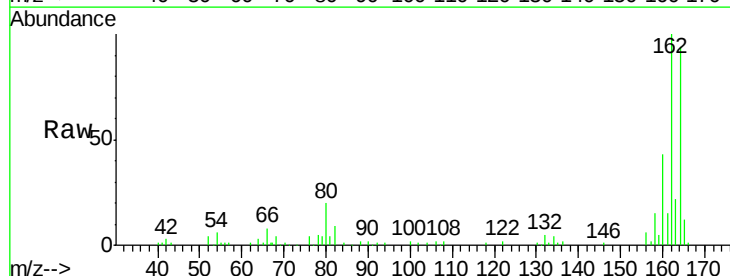


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

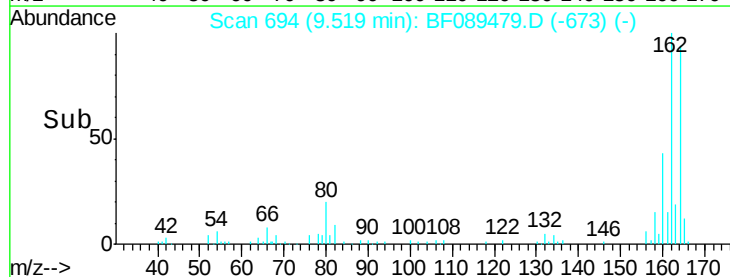
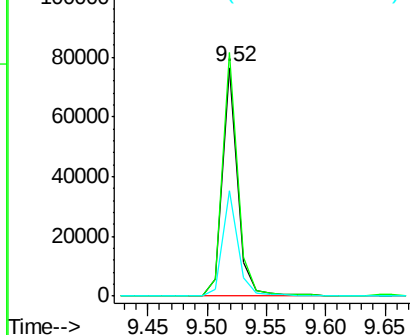


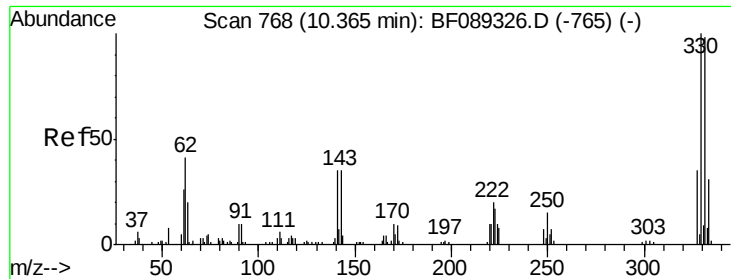
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.52 min Scan# 694
 Delta R.T. -0.06 min
 Lab File: BF089479.D
 Acq: 31 Jul 2016 19:18

Tgt Ion:164 Resp: 66637
 Ion Ratio Lower Upper
 164 100
 162 106.6 83.7 125.5
 160 46.0 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

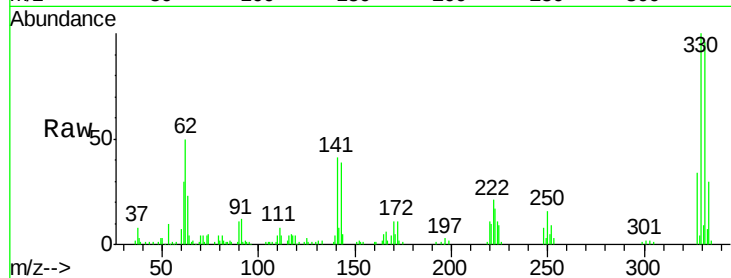




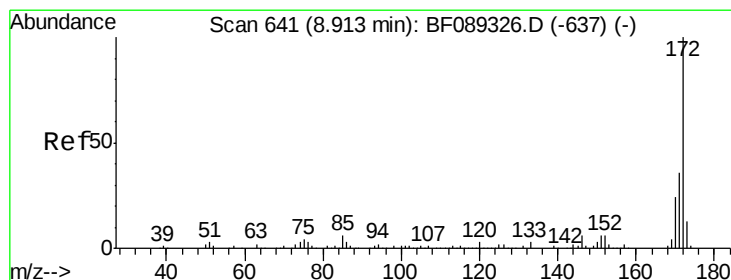
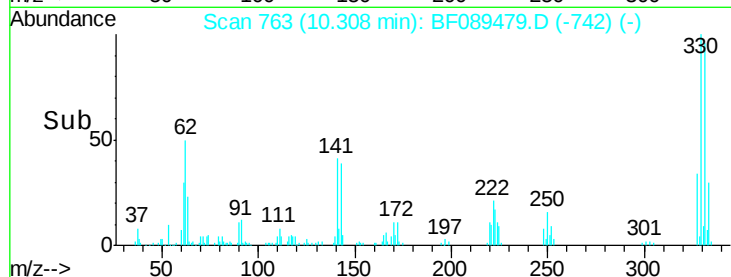
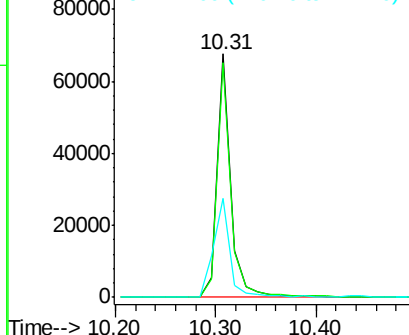
#41
 2,4,6-Tribromophenol
 Concen: 116.09 ng
 RT: 10.31 min Scan# 763
 Delta R.T. -0.06 min
 Lab File: BF089479.D
 Acq: 31 Jul 2016 19:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 64070
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.8 115.2
 141 48.9 37.3 55.9

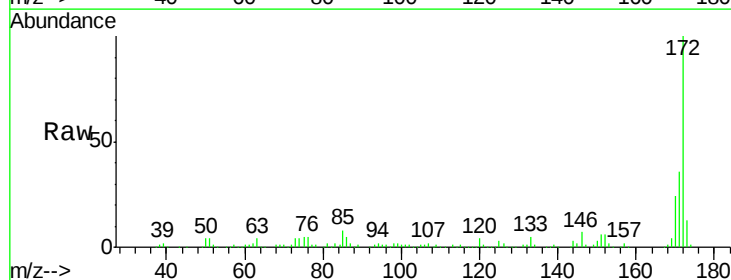


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

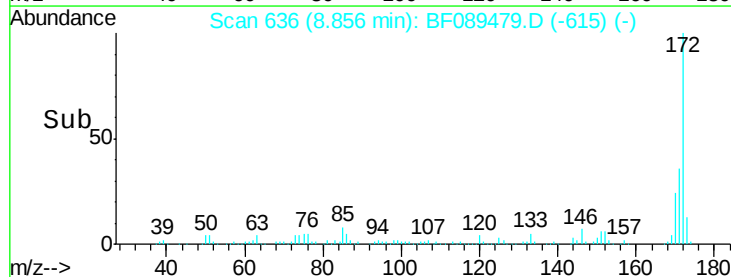
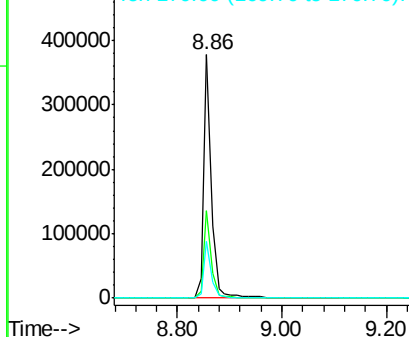


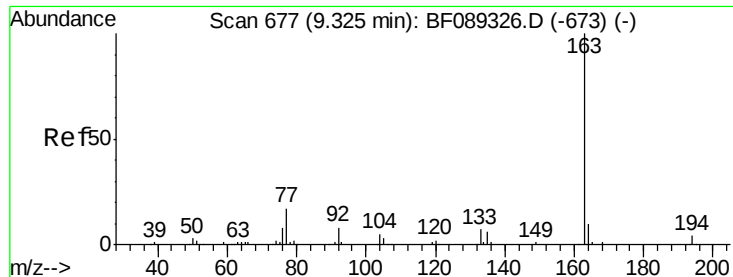
#44
 2-Fluorobiphenyl
 Concen: 86.19 ng
 RT: 8.86 min Scan# 636
 Delta R.T. -0.06 min
 Lab File: BF089479.D
 Acq: 31 Jul 2016 19:18

Tgt Ion:172 Resp: 391335
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.2 43.8
 170 23.5 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

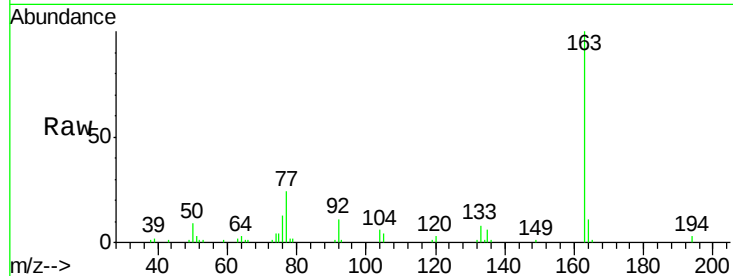




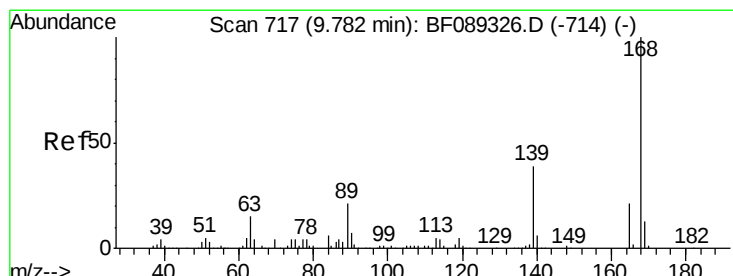
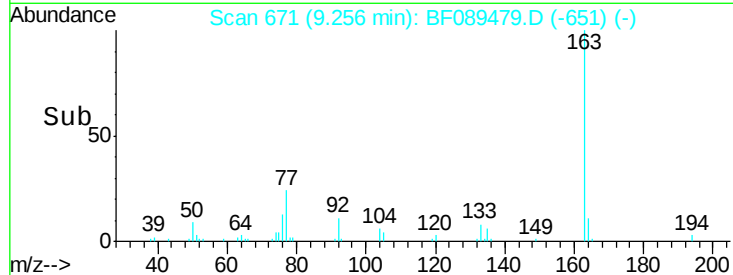
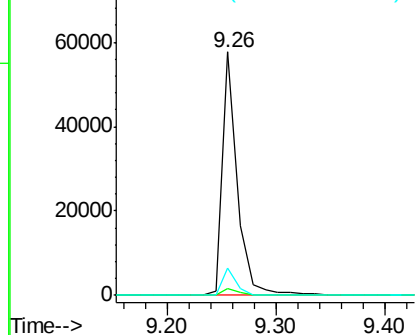
#49
Dimethylphthalate
Concen: 10.94 ng
RT: 9.26 min Scan# 671
Delta R.T. -0.07 min
Lab File: BF089479.D
Acq: 31 Jul 2016 19:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 55474
Ion Ratio Lower Upper
163 100
194 3.0 2.8 4.2
164 10.9 7.8 11.8

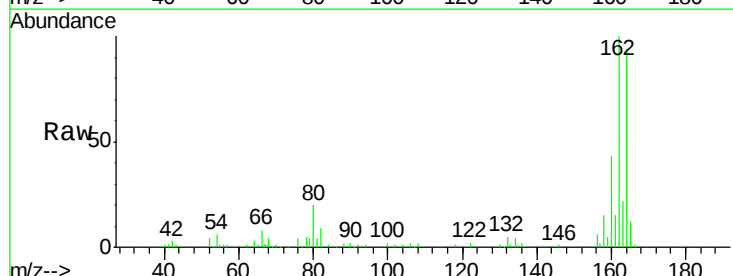


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

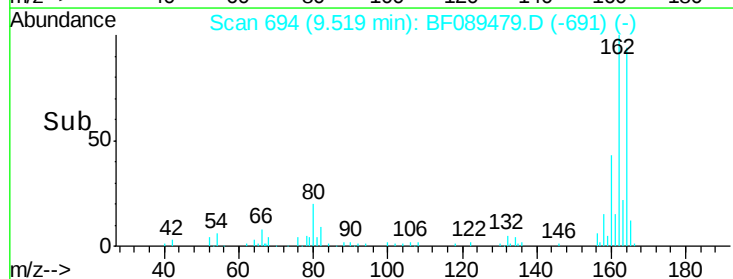
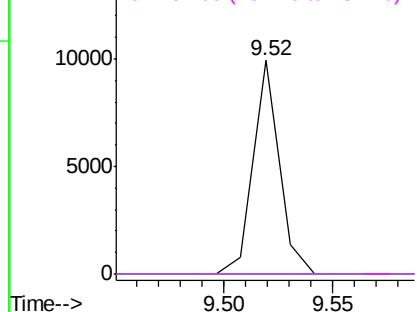


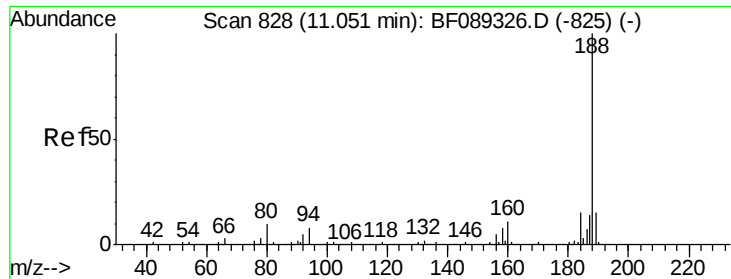
#56
2,4-Dinitrotoluene
Concen: 6.04 ng
RT: 9.52 min Scan# 694
Delta R.T. -0.26 min
Lab File: BF089479.D
Acq: 31 Jul 2016 19:18

Tgt Ion:165 Resp: 8285
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

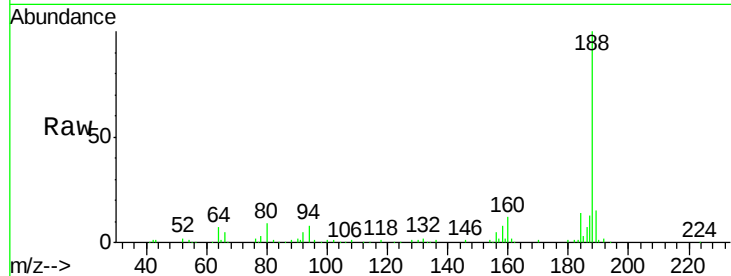




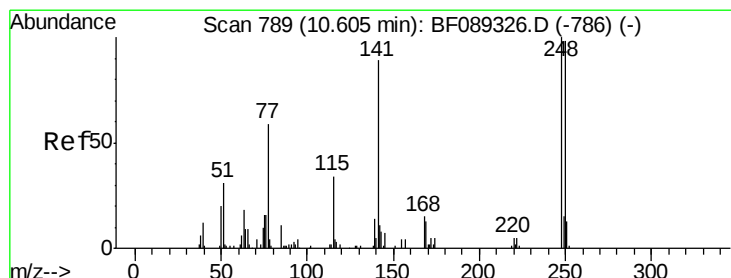
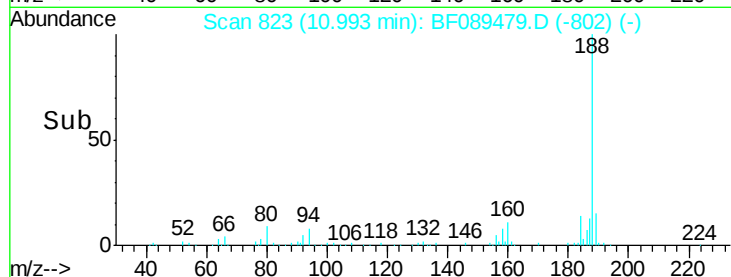
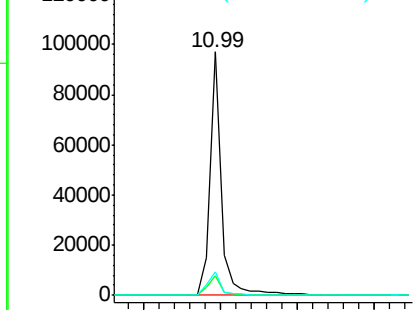
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.99 min Scan# 823
Delta R.T. -0.06 min
Lab File: BF089479.D
Acq: 31 Jul 2016 19:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 98792
Ion Ratio Lower Upper
188 100
94 7.9 6.5 9.7
80 9.4 7.2 10.8

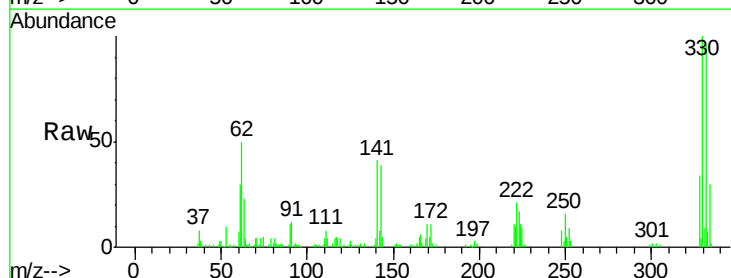


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

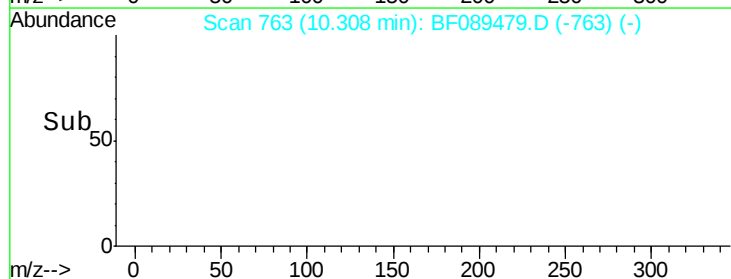
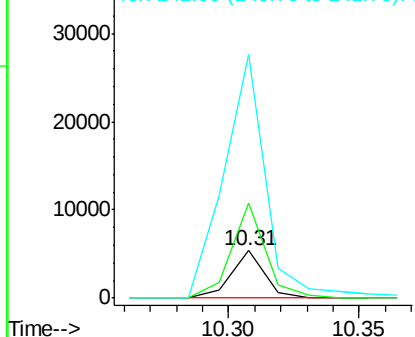


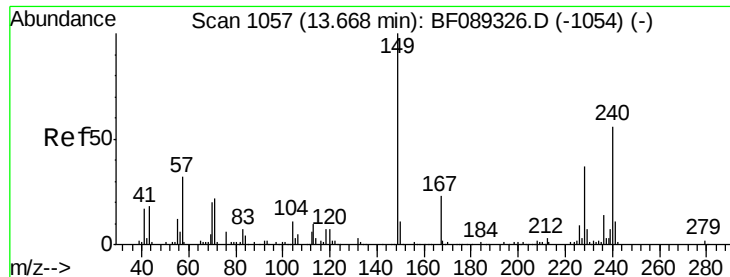
#66
4-Bromophenyl-phenylether
Concen: 5.05 ng
RT: 10.31 min Scan# 763
Delta R.T. -0.30 min
Lab File: BF089479.D
Acq: 31 Jul 2016 19:18

Tgt Ion:248 Resp: 4768
Ion Ratio Lower Upper
248 100
250 200.2 78.2 117.2#
141 512.7 62.0 93.0#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 13.61 min Scan# 1052

Delta R.T. -0.06 min

Lab File: BF089479.D

Acq: 31 Jul 2016 19:18

Instrument :

BNA_F

ClientSampleId :

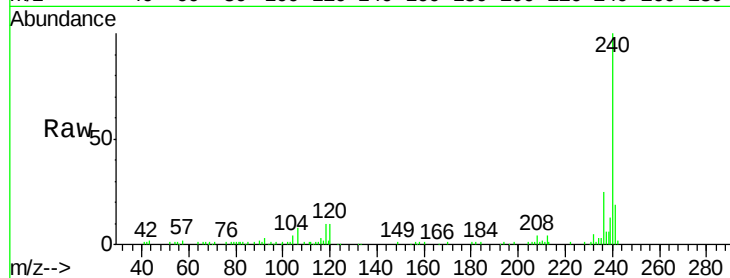
Tot Ion:240 Resp: 88486

Ion Ratio Lower Upper

240 100

120 10.2 9.1 13.7

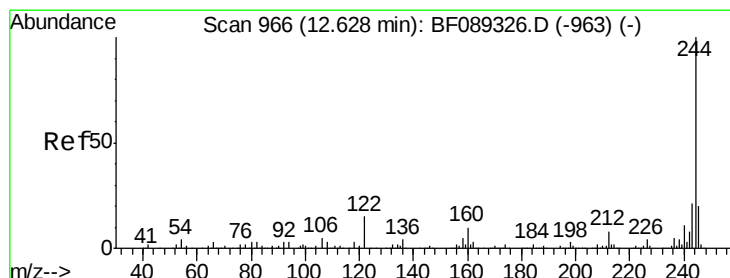
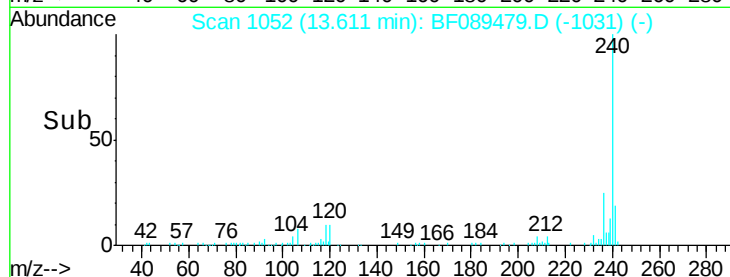
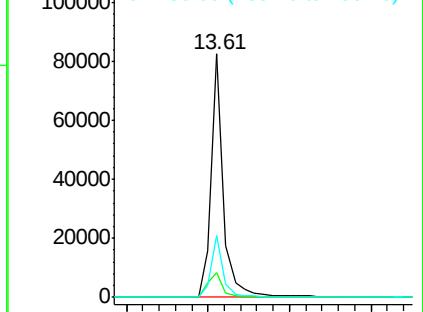
236 25.3 20.6 30.8



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: 65.57 ng

RT: 12.57 min Scan# 961

Delta R.T. -0.06 min

Lab File: BF089479.D

Acq: 31 Jul 2016 19:18

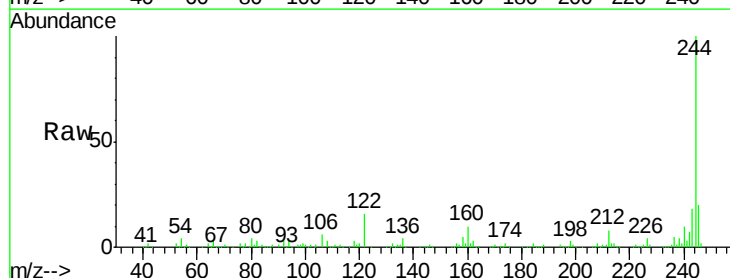
Tgt Ion:244 Resp: 247906

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

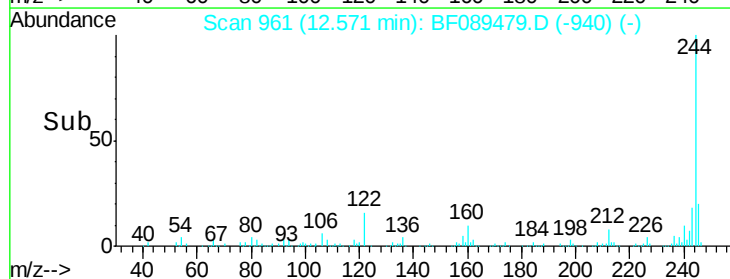
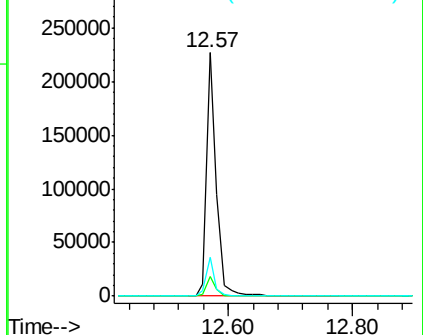
122 15.9 11.4 17.0

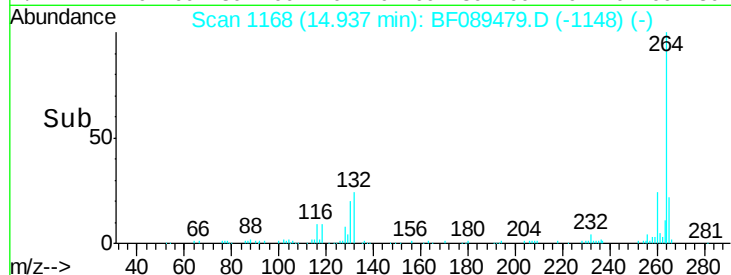
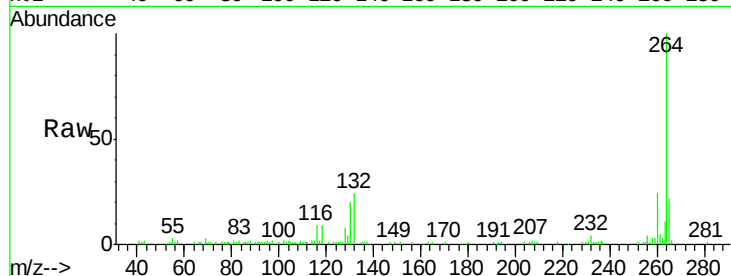
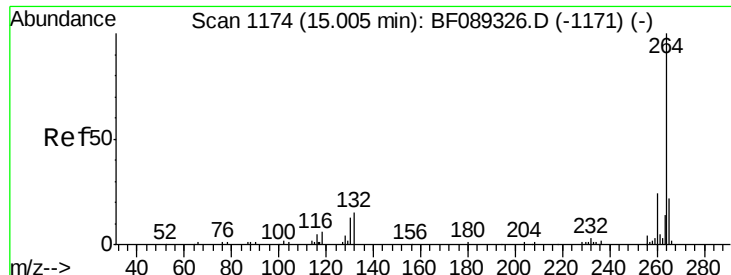


Abundance Ion 244.00 (243.70 to 244.70): E

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: 14.94 min Scan# 1168
Delta R.T. -0.07 min
Lab File: BF089479.D
Acq: 31 Jul 2016 19:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	95230
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.0	28.4
265	22.1	17.5	26.3

