

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
 Data File : BF089224.D
 Acq On : 23 Jul 2016 8:23
 Operator : UM/SJ
 Sample : H4121-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-TEMP-MW

Quant Time: Jul 25 03:41:17 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

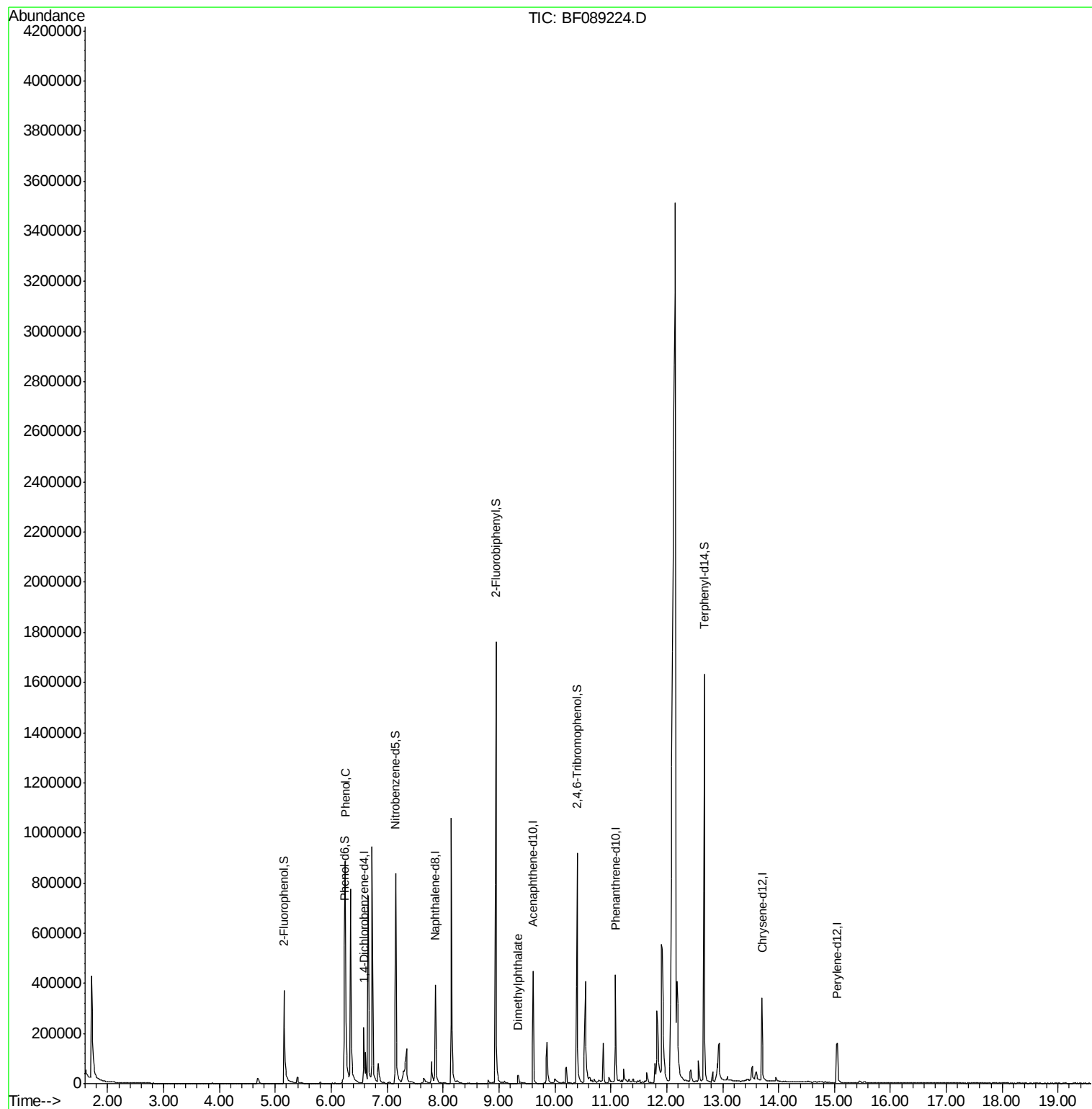
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	49277	20.00	ng	-0.02
21) Naphthalene-d8	7.86	136	211574	20.00	ng	-0.02
38) Acenaphthene-d10	9.61	164	100117	20.00	ng	-0.02
63) Phenanthrene-d10	11.08	188	190780	20.00	ng	-0.02
75) Chrysene-d12	13.70	240	129304	20.00	ng	-0.02
86) Perylene-d12	15.05	264	92746	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	187815	57.97	ng	-0.03
7) Phenol-d6	6.24	99	161374	38.62	ng	-0.03
23) Nitrobenzene-d5	7.15	82	367917	92.40	ng	-0.02
41) 2,4,6-Tribromophenol	10.40	330	113747	126.19	ng	-0.02
44) 2-Fluorobiphenyl	8.95	172	679092	93.46	ng	-0.02
78) Terphenyl-d14	12.67	244	570251	95.66	ng	-0.01
Target Compounds						
10) Phenol	6.25	94	377491	78.42	ng	92
49) Dimethylphthalate	9.35	163	22588	2.94	ng	99

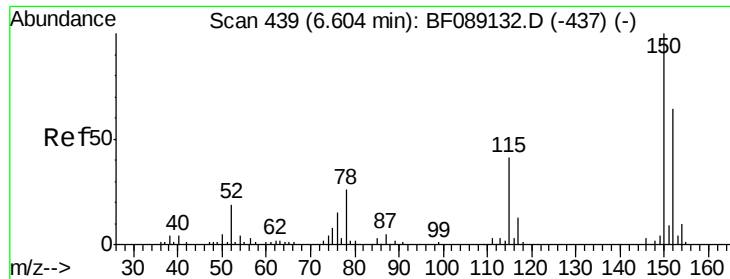
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jul 20 19:03:15 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.58 min Scan# 437

Delta R.T. -0.02 min

Lab File: BF089224.D

Acq: 23 Jul 2016 8:23

Instrument :

BNA_F

ClientSampleId :

TEC-TEMP-MW

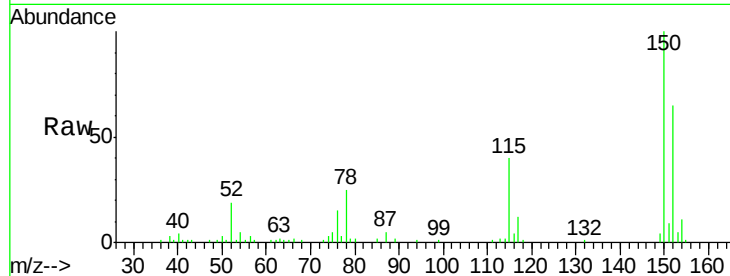
Tgt Ion:152 Resp: 49277

Ion Ratio Lower Upper

152 100

150 154.2 125.1 187.7

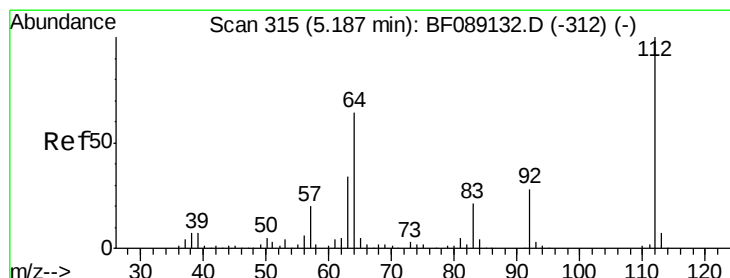
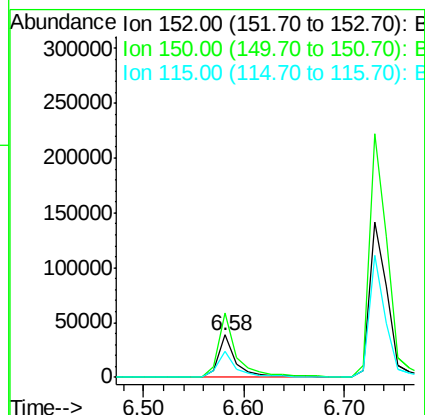
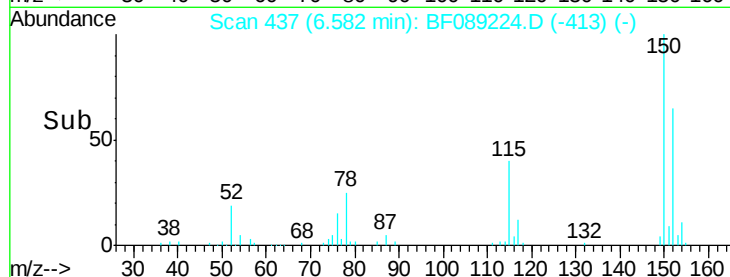
115 61.4 51.1 76.7



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: 57.97 ng

RT: 5.15 min Scan# 312

Delta R.T. -0.03 min

Lab File: BF089224.D

Acq: 23 Jul 2016 8:23

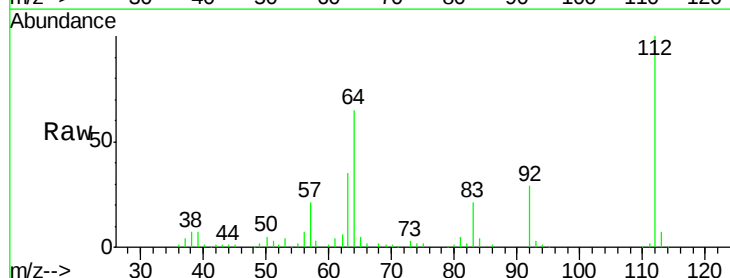
Tgt Ion:112 Resp: 187815

Ion Ratio Lower Upper

112 100

64 64.7 51.0 76.4

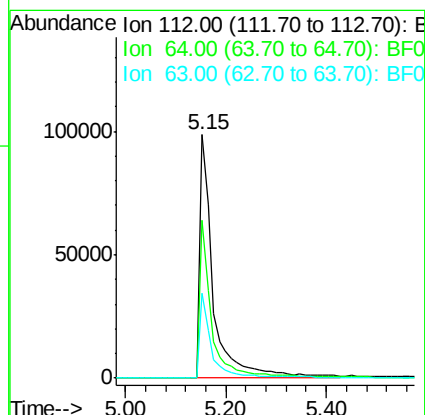
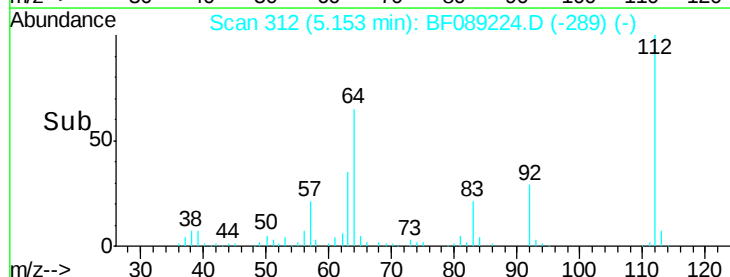
63 34.7 27.3 40.9

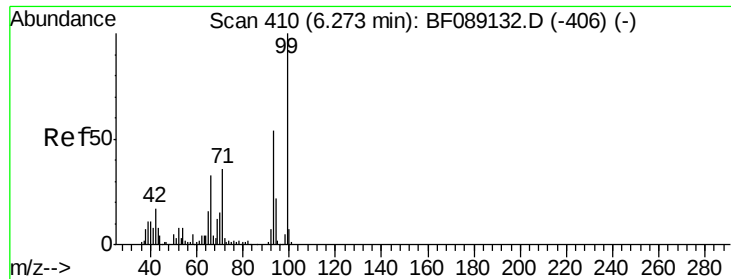


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 38.62 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.03 min

Lab File: BF089224.D

Acq: 23 Jul 2016 8:23

Instrument :

BNA_F

ClientSampleId :

TEC-TEMP-MW

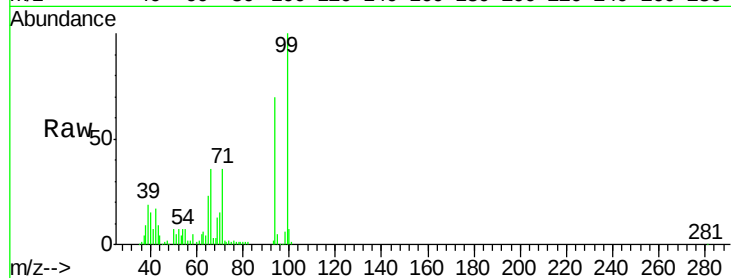
Tgt Ion: 99 Resp: 161374

Ion Ratio Lower Upper

99 100

42 17.4 13.5 20.3

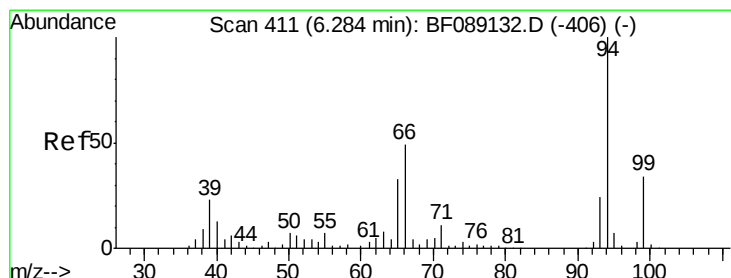
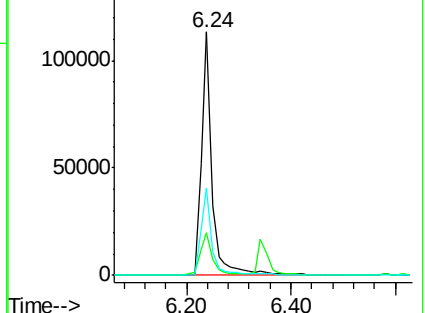
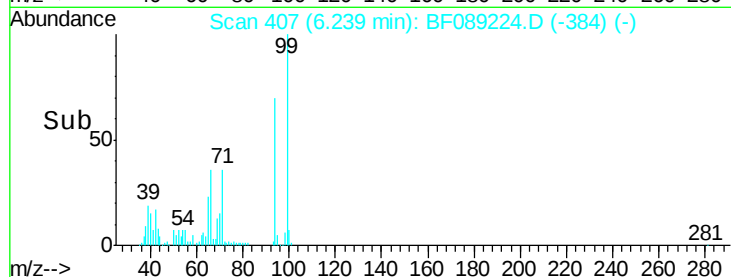
71 36.1 28.9 43.3



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



#10

Phenol

Concen: 78.42 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.03 min

Lab File: BF089224.D

Acq: 23 Jul 2016 8:23

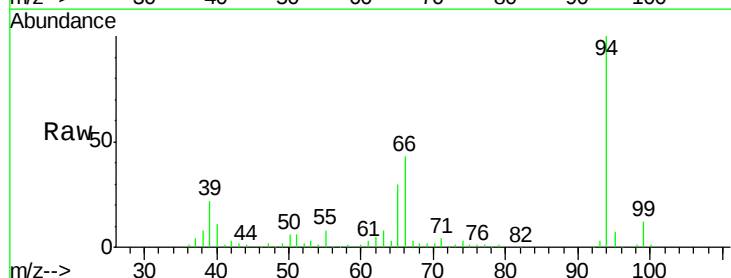
Tgt Ion: 94 Resp: 377491

Ion Ratio Lower Upper

94 100

65 29.9 13.3 53.3

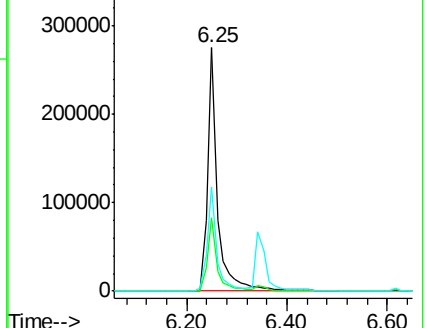
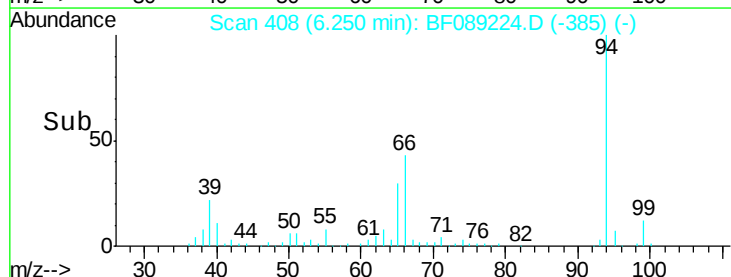
66 42.8 29.3 69.3

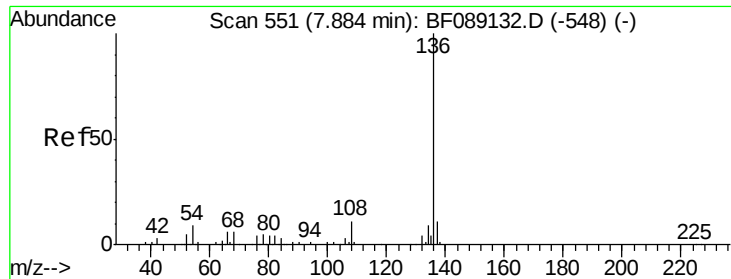


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

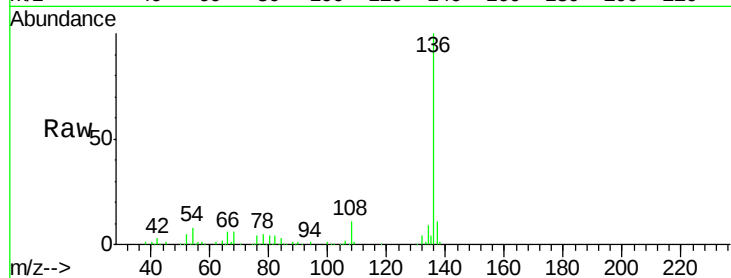




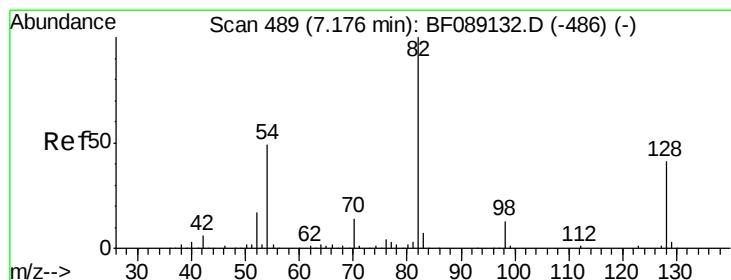
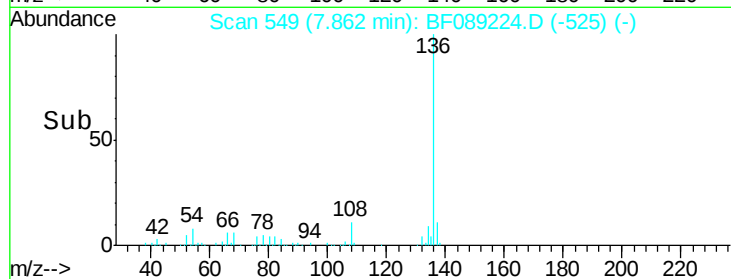
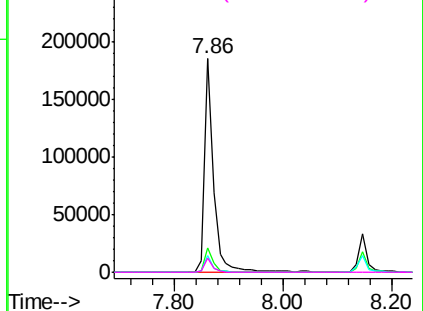
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.86 min Scan# 549
Delta R.T. -0.02 min
Lab File: BF089224.D
Acq: 23 Jul 2016 8:23

Instrument :
BNA_F
ClientSampleId :
TEC-TEMP-MW

Tgt Ion:	136	Resp:	211574
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	7.9	7.0	10.4
68	6.4	5.0	7.6

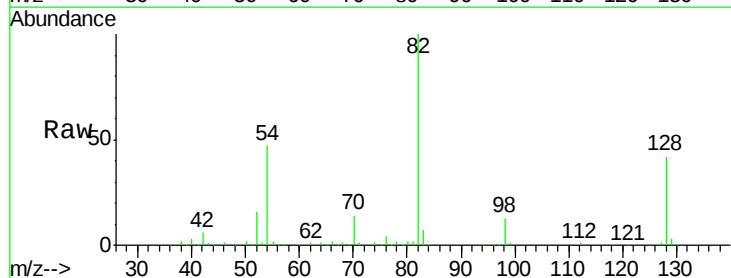


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

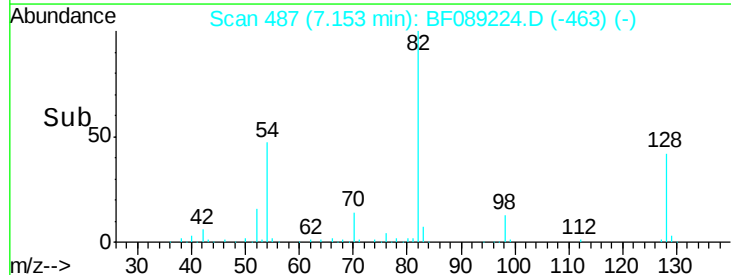
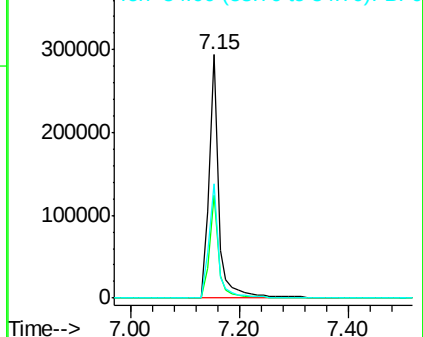


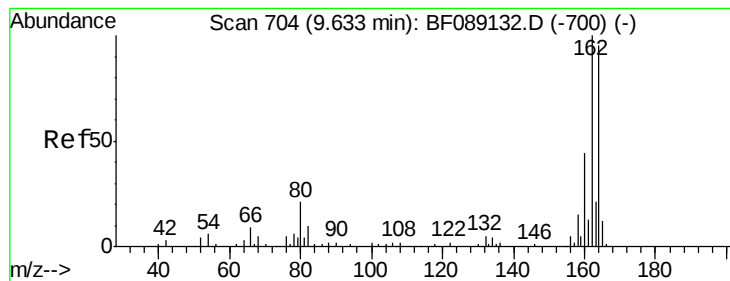
#23
Nitrobenzene-d5
Concen: 92.40 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.02 min
Lab File: BF089224.D
Acq: 23 Jul 2016 8:23

Tgt Ion:	82	Resp:	367917
Ion	Ratio	Lower	Upper
82	100		
128	42.2	33.0	49.6
54	46.7	39.0	58.4



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: 9.61 min Scan# 702

Delta R.T. -0.02 min

Lab File: BF089224.D

Acq: 23 Jul 2016 8:23

Instrument :

BNA_F

ClientSampleId :

TEC-TEMP-MW

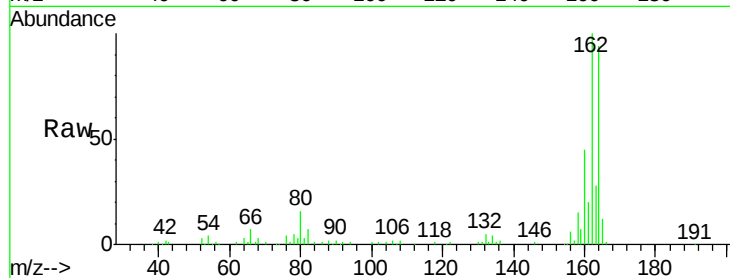
Tgt Ion:164 Resp: 100117

Ion Ratio Lower Upper

164 100

162 106.3 84.1 126.1

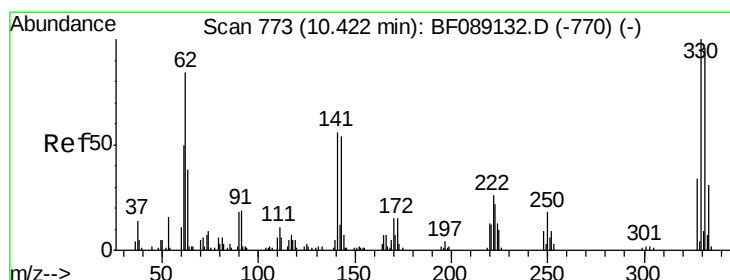
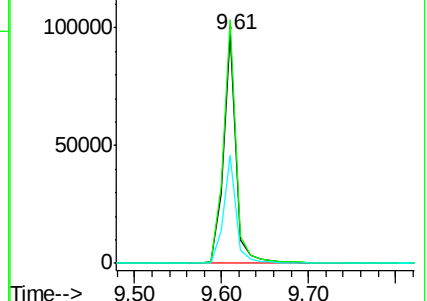
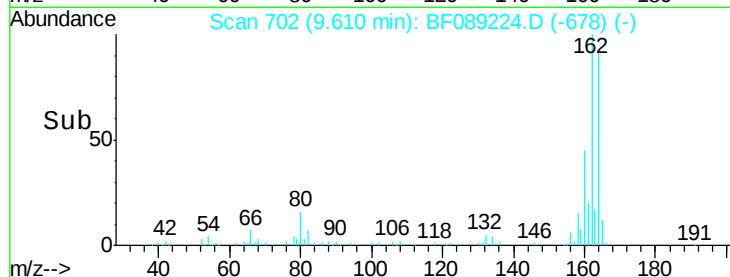
160 47.4 37.1 55.7



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: 126.19 ng

RT: 10.40 min Scan# 771

Delta R.T. -0.02 min

Lab File: BF089224.D

Acq: 23 Jul 2016 8:23

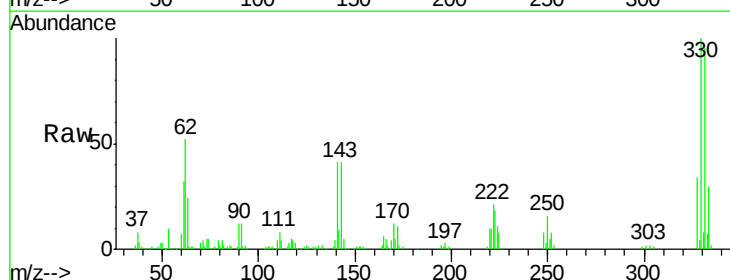
Tgt Ion:330 Resp: 113747

Ion Ratio Lower Upper

330 100

332 96.1 77.2 115.8

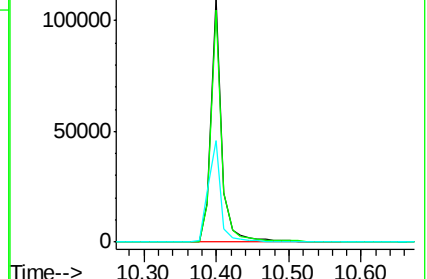
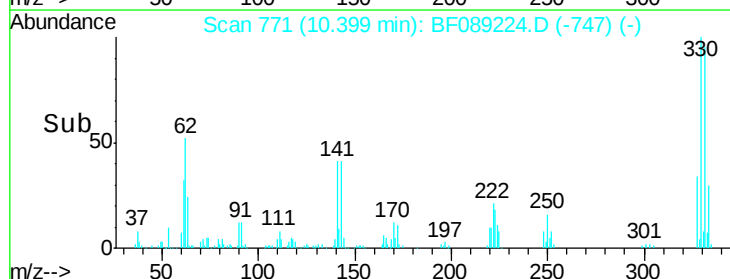
141 48.7 42.2 63.2

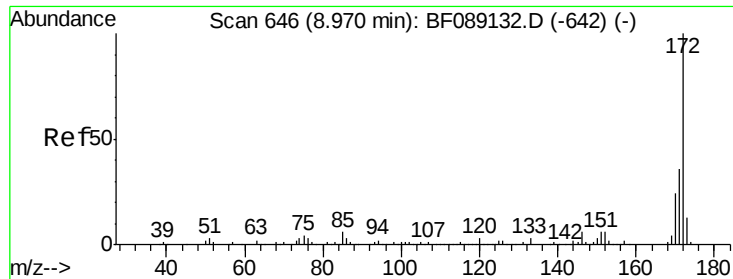


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

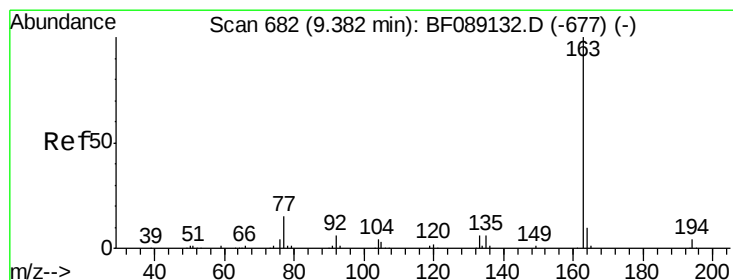
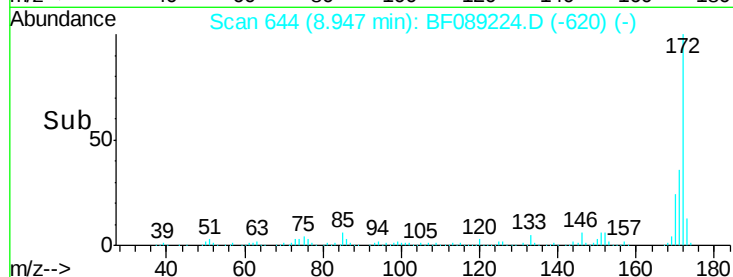
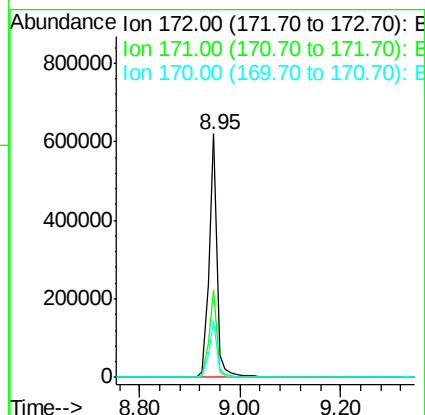
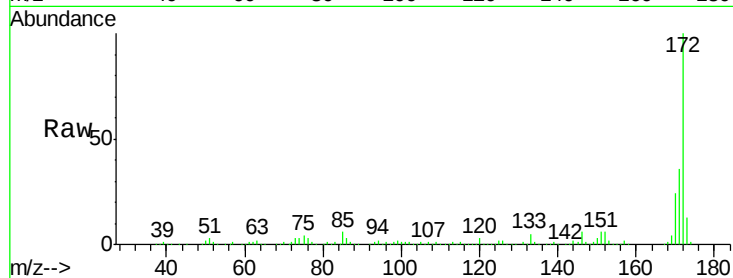




#44
 2-Fluorobiphenyl
 Concen: 93.46 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.02 min
 Lab File: BF089224.D
 Acq: 23 Jul 2016 8:23

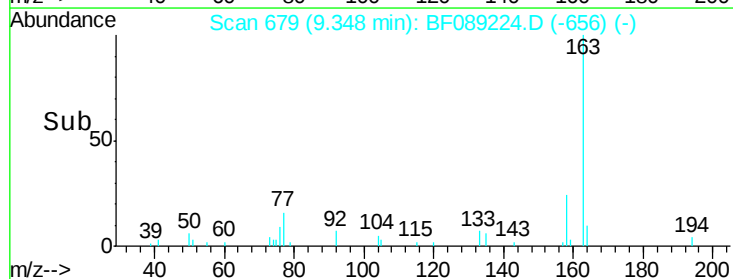
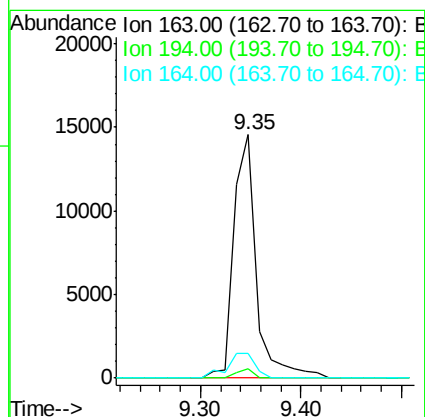
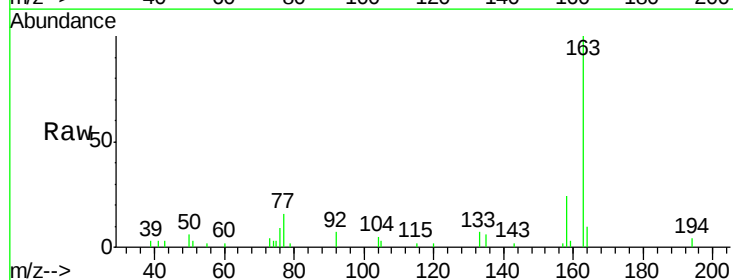
Instrument :
 BNA_F
 ClientSampleId :
 TEC-TEMP-MW

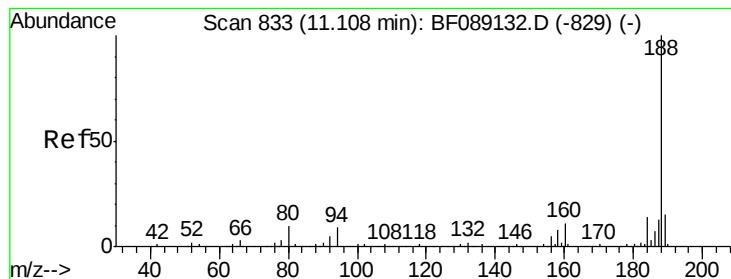
Tgt Ion:172 Resp: 679092
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.2 43.8
 170 23.6 19.1 28.7



#49
 Dimethylphthalate
 Concen: 2.94 ng
 RT: 9.35 min Scan# 679
 Delta R.T. -0.03 min
 Lab File: BF089224.D
 Acq: 23 Jul 2016 8:23

Tgt Ion:163 Resp: 22588
 Ion Ratio Lower Upper
 163 100
 194 3.8 2.9 4.3
 164 10.0 7.6 11.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.08 min Scan# 831

Delta R.T. -0.02 min

Lab File: BF089224.D

Acq: 23 Jul 2016 8:23

Instrument :

BNA_F

ClientSampleId :

TEC-TEMP-MW

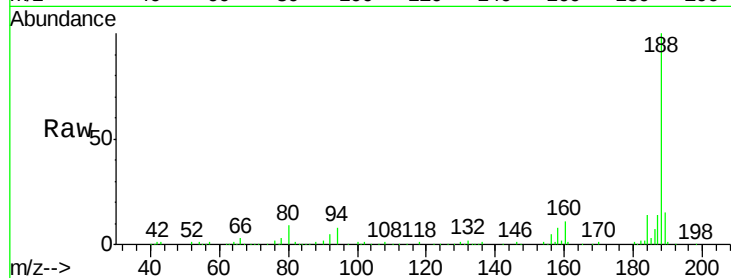
Tgt Ion:188 Resp: 190780

Ion Ratio Lower Upper

188 100

94 7.7 7.0 10.4

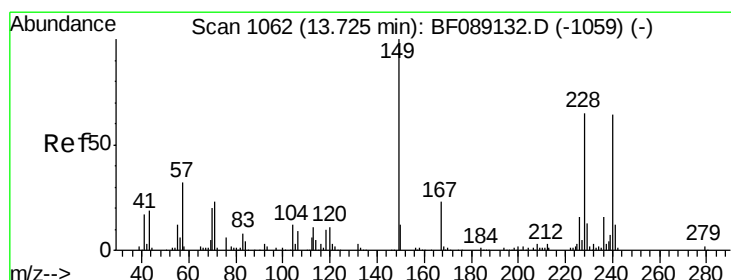
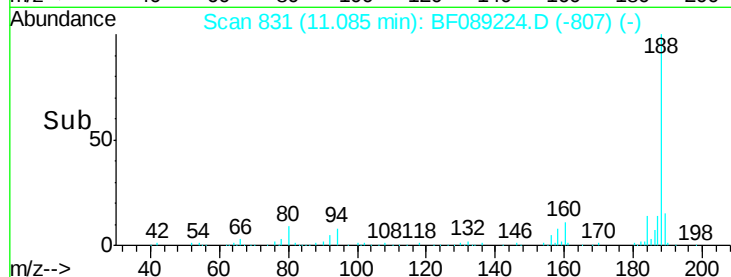
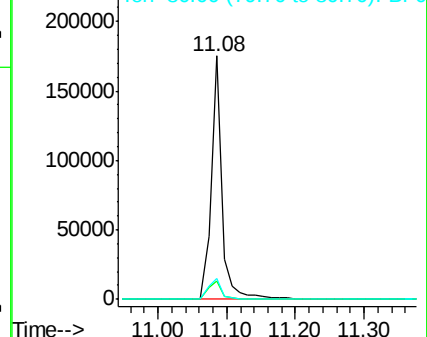
80 8.8 7.7 11.5



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: 13.70 min Scan# 1060

Delta R.T. -0.02 min

Lab File: BF089224.D

Acq: 23 Jul 2016 8:23

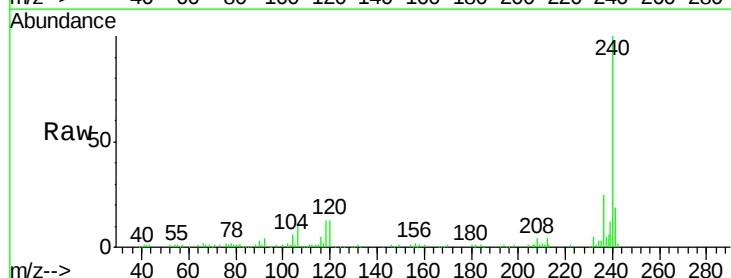
Tgt Ion:240 Resp: 129304

Ion Ratio Lower Upper

240 100

120 13.4 13.6 20.4#

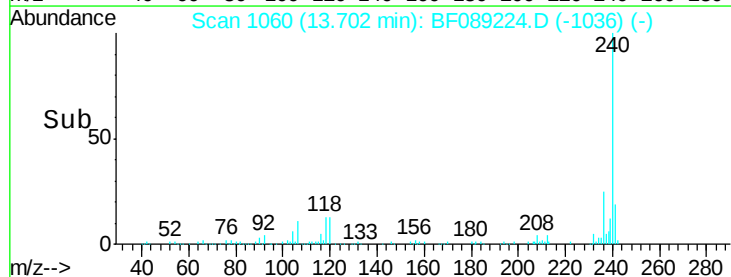
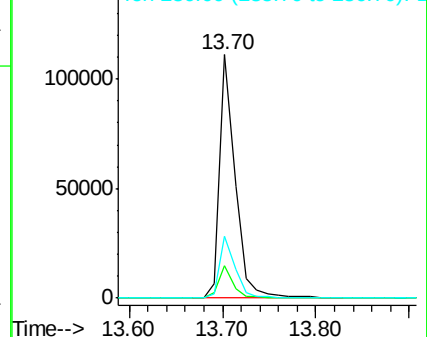
236 25.3 20.5 30.7

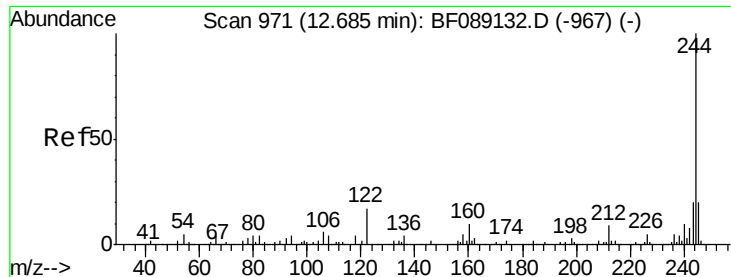


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

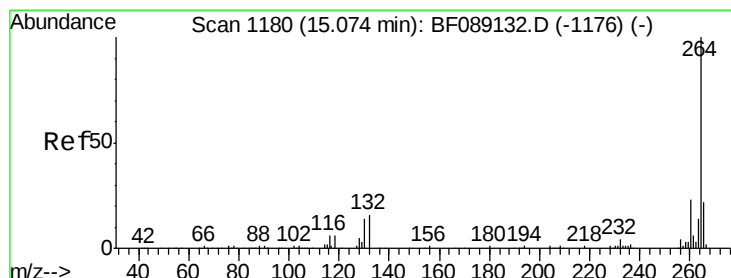
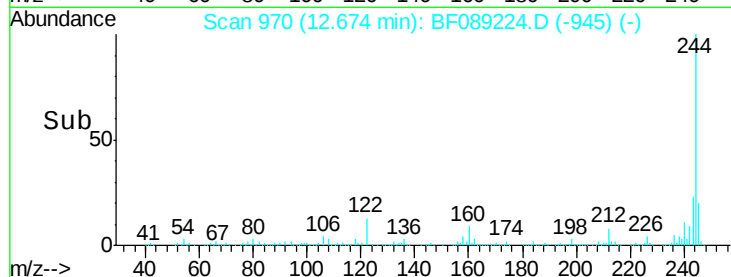
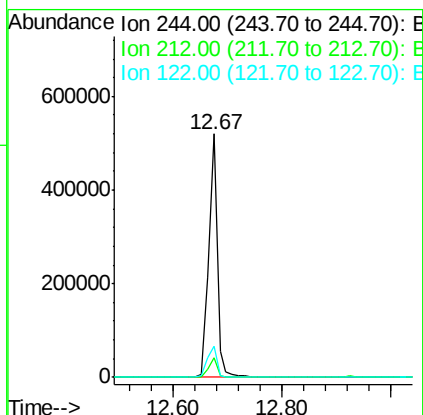
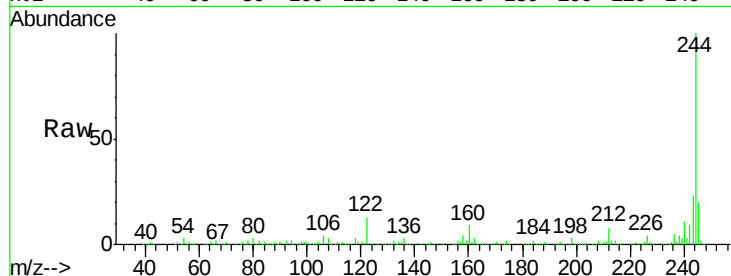




#78
 Terphenyl-d14
 Concen: 95.66 ng
 RT: 12.67 min Scan# 970
 Delta R.T. -0.01 min
 Lab File: BF089224.D
 Acq: 23 Jul 2016 8:23

Instrument :
 BNA_F
 ClientSampleId :
 TEC-TEMP-MW

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	7.0	10.4
122	12.7	13.8	20.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.05 min Scan# 1178
 Delta R.T. -0.02 min
 Lab File: BF089224.D
 Acq: 23 Jul 2016 8:23

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.5	27.7
265	21.4	17.3	25.9

