

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092916\
 Data File : BF090301.D
 Acq On : 29 Sep 2016 20:38
 Operator : UM/SJ
 Sample : H4998-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B044-6-9

Quant Time: Sep 30 00:59:22 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 26 15:58:38 2016
 Response via : Initial Calibration

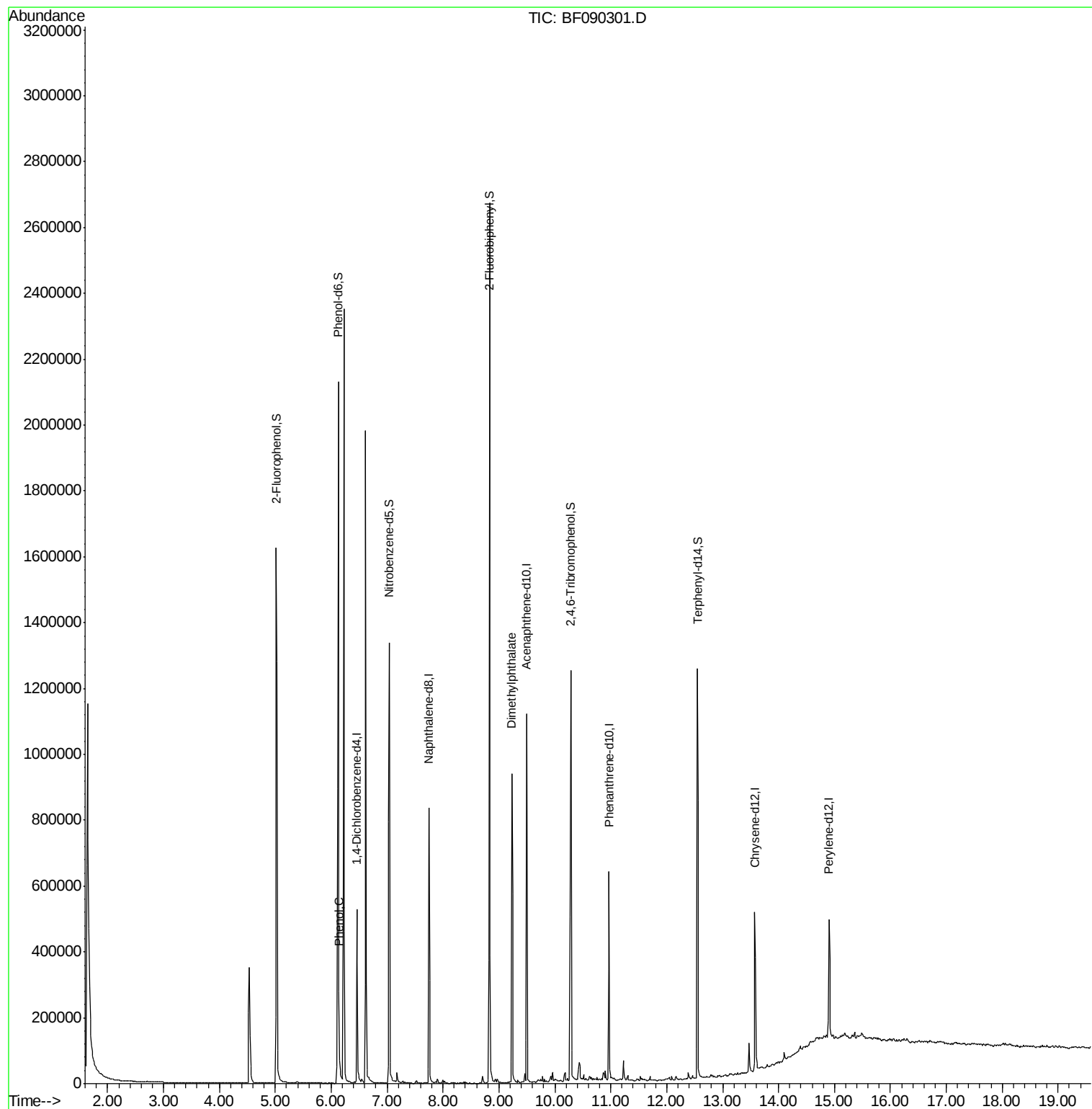
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.46	152	117383	20.00	ng	-0.02
21) Naphthalene-d8	7.75	136	441885	20.00	ng	-0.02
38) Acenaphthene-d10	9.50	164	226288	20.00	ng	-0.01
63) Phenanthrene-d10	10.97	188	291833	20.00	ng	-0.01
75) Chrysene-d12	13.58	240	221272	20.00	ng	-0.02
86) Perylene-d12	14.90	264	176835	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.02	112	757521	105.19	ng	-0.01
7) Phenol-d6	6.12	99	955905	107.48	ng	-0.01
23) Nitrobenzene-d5	7.04	82	611558	80.23	ng	-0.02
41) 2,4,6-Tribromophenol	10.28	330	171261	88.22	ng	-0.01
44) 2-Fluorobiphenyl	8.83	172	836880	72.60	ng	-0.02
78) Terphenyl-d14	12.55	244	525548	60.30	ng	-0.01
Target Compounds						
10) Phenol	6.14	94	22456	2.14	ng	Qvalue # 72
49) Dimethylphthalate	9.23	163	541834	37.59	ng	98

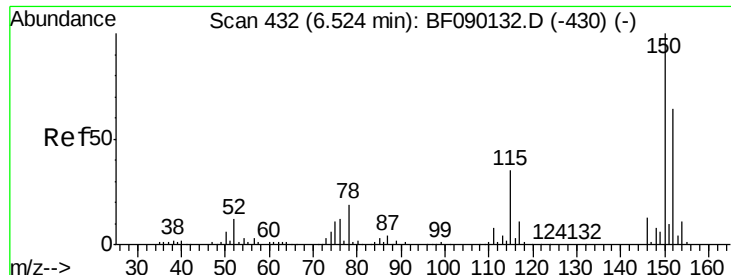
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.46 min Scan# 426

Delta R.T. -0.02 min

Lab File: BF090301.D

Acq: 29 Sep 2016 20:38

Instrument :

BNA_F

ClientSampleId :

SUP-B044-6-9

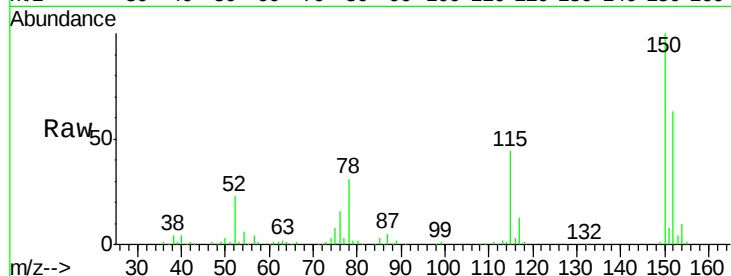
Tot Ion:152 Resp: 117383

Ion Ratio Lower Upper

152 100

150 159.0 128.9 193.3

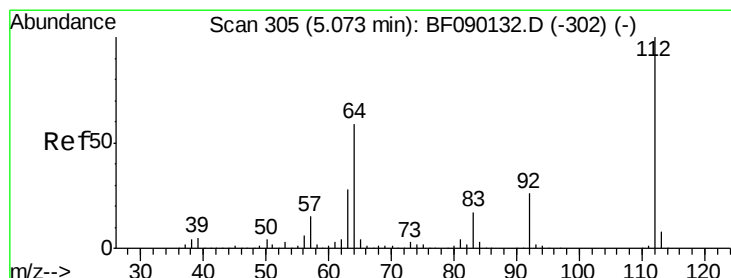
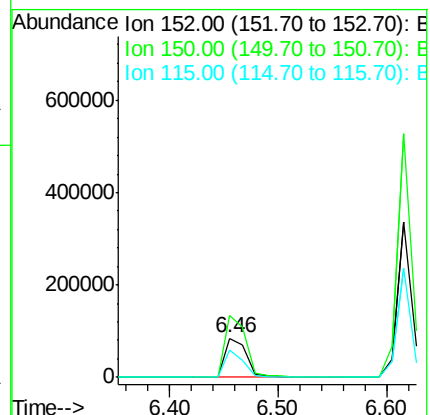
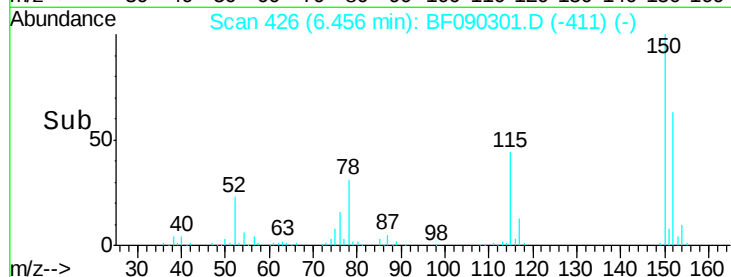
115 69.4 55.5 83.3



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: 105.19 ng

RT: 5.02 min Scan# 300

Delta R.T. -0.01 min

Lab File: BF090301.D

Acq: 29 Sep 2016 20:38

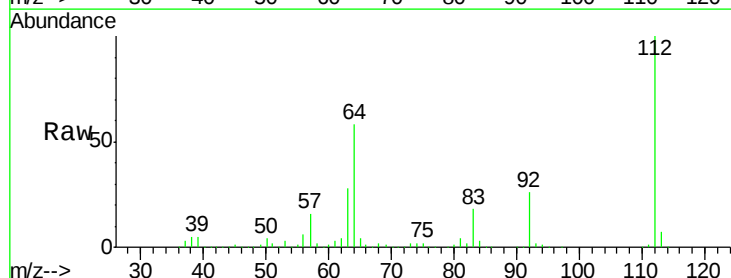
Tgt Ion:112 Resp: 757521

Ion Ratio Lower Upper

112 100

64 57.5 39.8 59.6

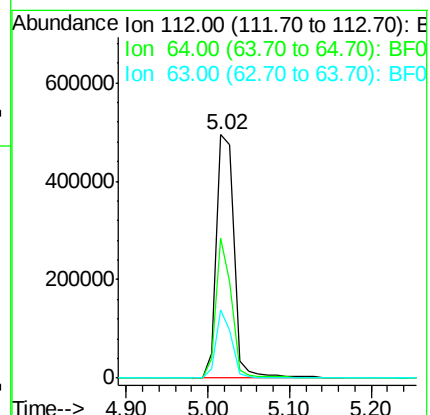
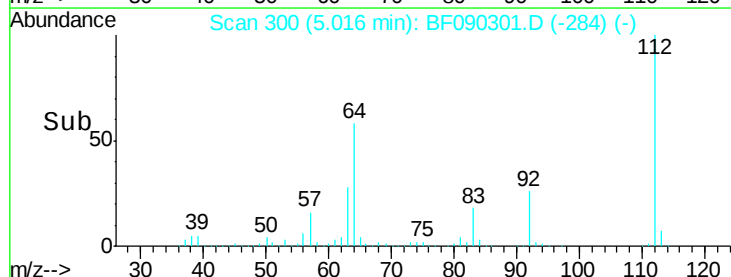
63 28.1 18.9 28.3

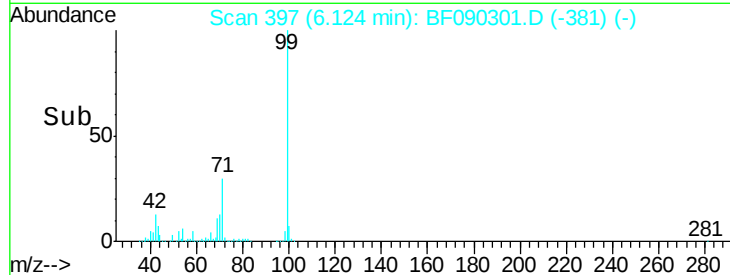
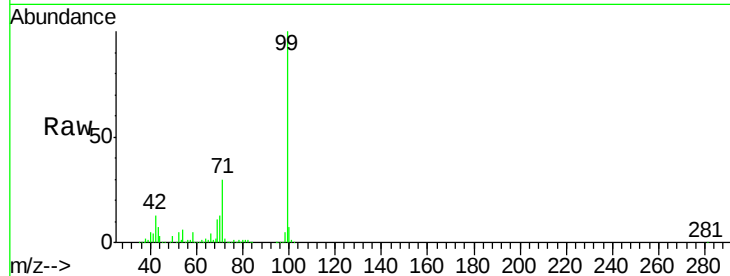
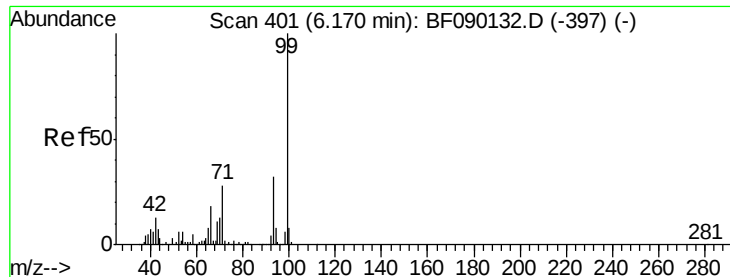


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 107.48 ng

RT: 6.12 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF090301.D

Acq: 29 Sep 2016 20:38

Instrument :

BNA_F

ClientSampleId :

SUP-B044-6-9

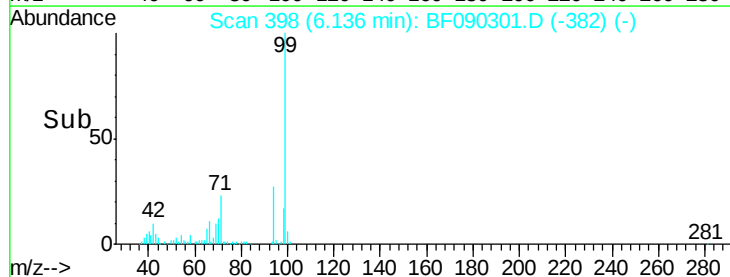
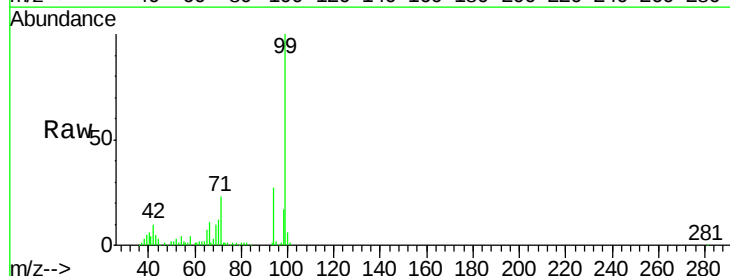
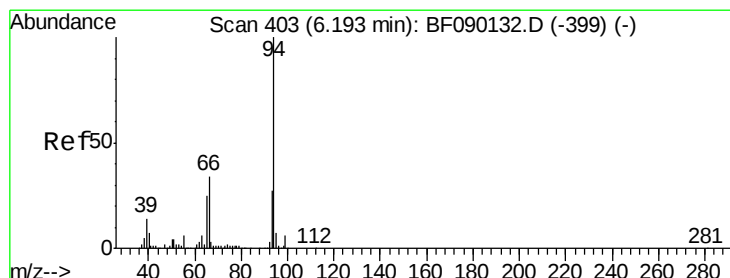
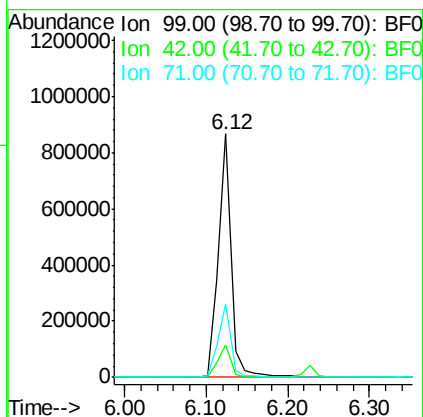
Tot Ion: 99 Resp: 955905

Ion Ratio Lower Upper

99 100

42 13.4 10.6 15.8

71 30.3 23.0 34.6



#10

Phenol

Concen: 2.14 ng

RT: 6.14 min Scan# 398

Delta R.T. -0.01 min

Lab File: BF090301.D

Acq: 29 Sep 2016 20:38

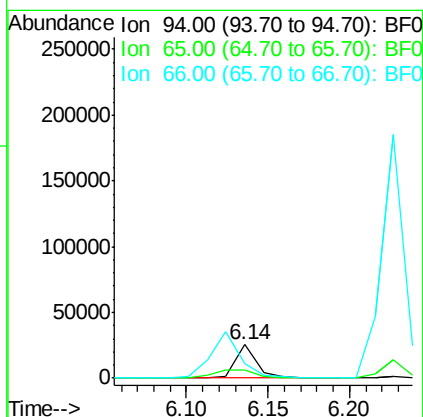
Tgt Ion: 94 Resp: 22456

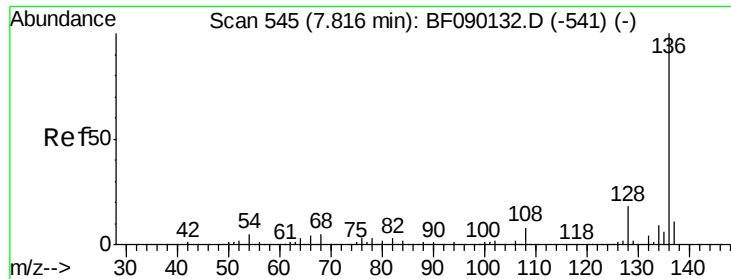
Ion Ratio Lower Upper

94 100

65 24.8 20.6 60.6

66 41.9 45.1 85.1#

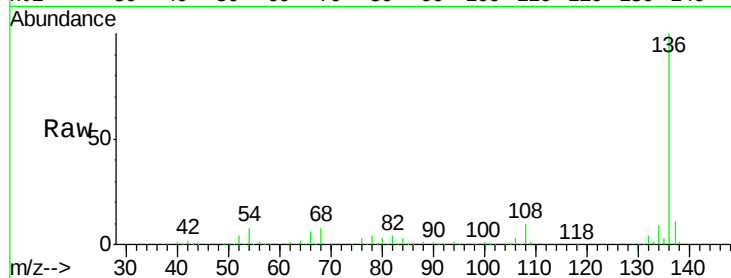




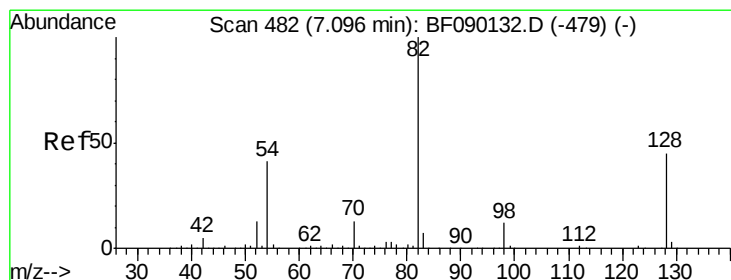
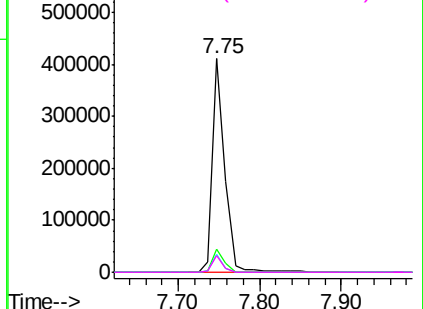
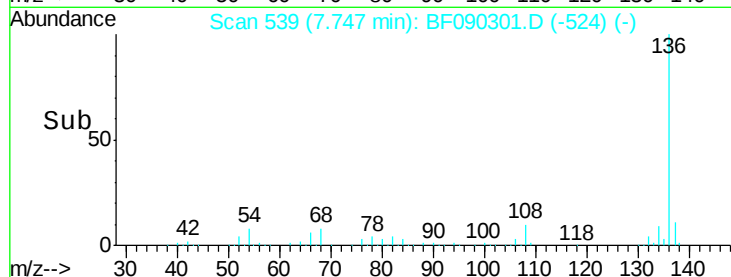
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.75 min Scan# 539
Delta R.T. -0.02 min
Lab File: BF090301.D
Acq: 29 Sep 2016 20:38

Instrument :
BNA_F
ClientSampleId :
SUP-B044-6-9

Tot Ion:136	Resp:	441885
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.0 13.4
54	8.4	6.4 9.6
68	8.0	6.3 9.5

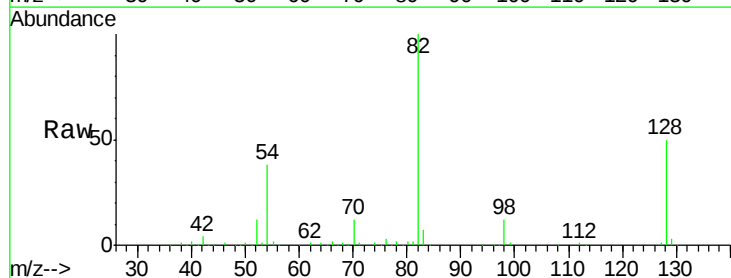


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

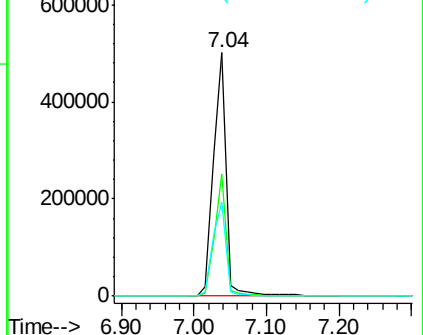
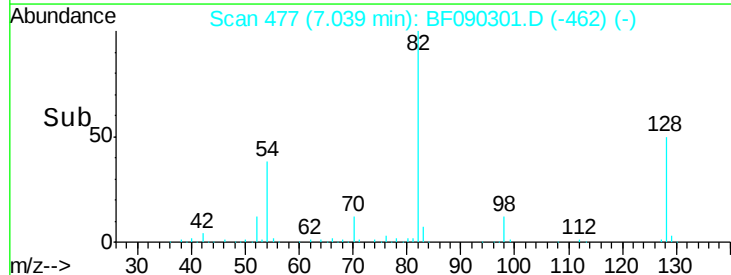


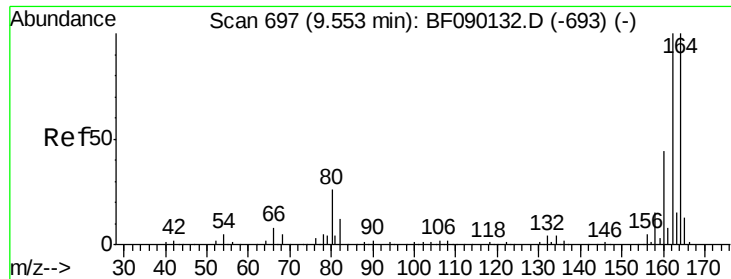
#23
Nitrobenzene-d5
Concen: 80.23 ng
RT: 7.04 min Scan# 477
Delta R.T. -0.02 min
Lab File: BF090301.D
Acq: 29 Sep 2016 20:38

Tgt Ion: 82	Resp:	611558
Ion Ratio	Lower	Upper
82	100	
128	50.3	37.5 56.3
54	38.3	31.9 47.9



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: 9.50 min Scan# 692

Delta R.T. -0.01 min

Lab File: BF090301.D

Acq: 29 Sep 2016 20:38

Instrument :

BNA_F

ClientSampleId :

SUP-B044-6-9

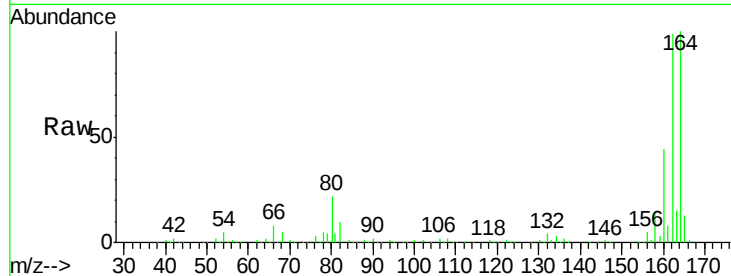
Tot Ion:164 Resp: 226288

Ion Ratio Lower Upper

164 100

162 99.2 81.4 122.2

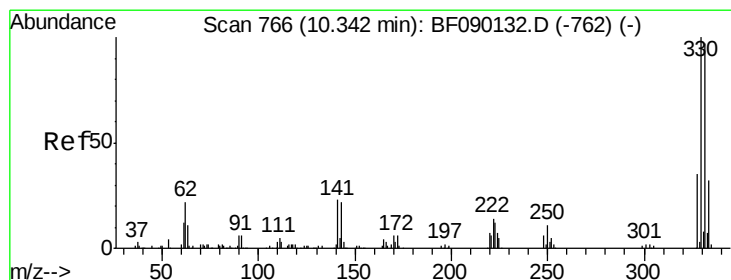
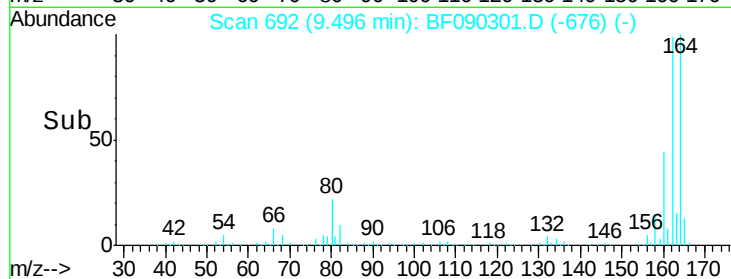
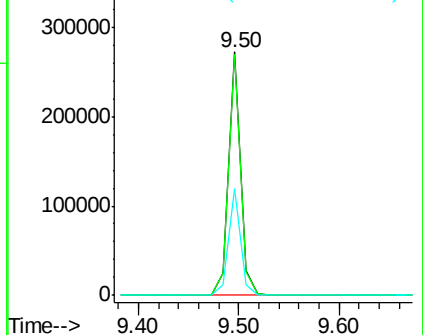
160 44.1 36.6 54.8



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: 88.22 ng

RT: 10.28 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF090301.D

Acq: 29 Sep 2016 20:38

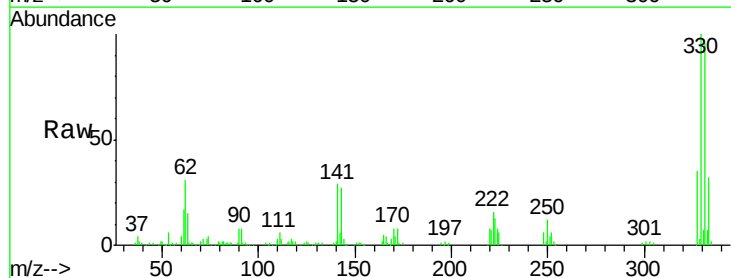
Tgt Ion:330 Resp: 171261

Ion Ratio Lower Upper

330 100

332 96.0 78.1 117.1

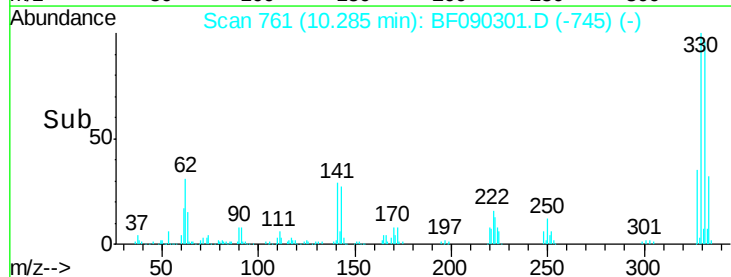
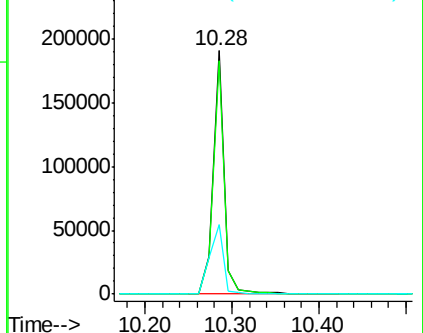
141 35.8 23.9 35.9

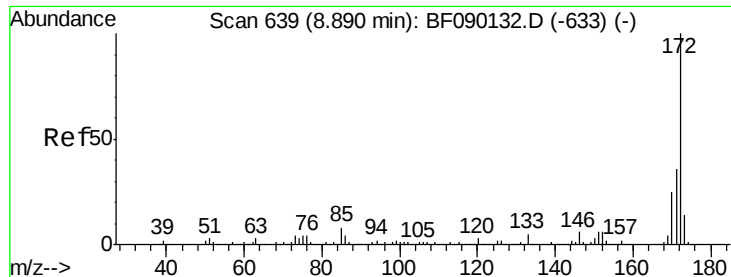


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

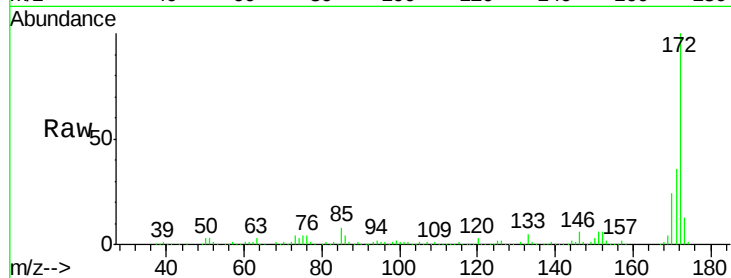




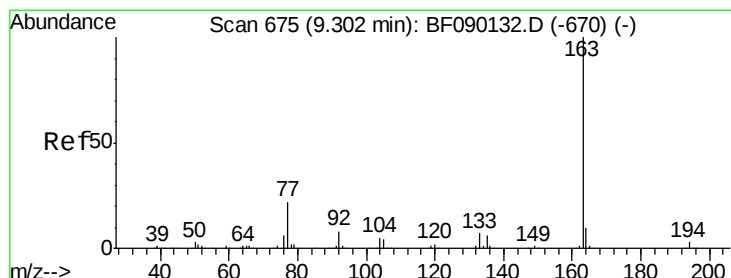
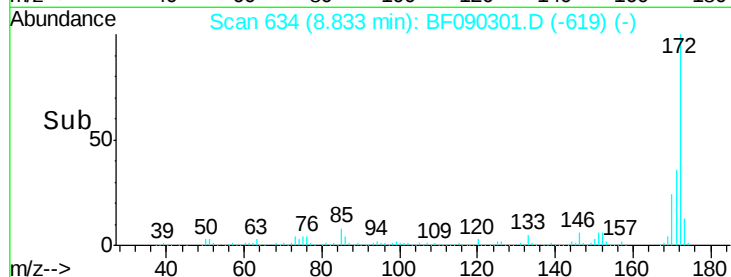
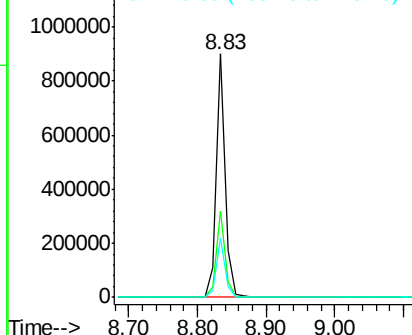
#44
2-Fluorobiphenyl
Concen: 72.60 ng
RT: 8.83 min Scan# 634
Delta R.T. -0.02 min
Lab File: BF090301.D
Acq: 29 Sep 2016 20:38

Instrument :
BNA_F
ClientSampleId :
SUP-B044-6-9

Tot Ion:172 Resp: 836880
Ion Ratio Lower Upper
172 100
171 35.5 29.2 43.8
170 24.3 19.8 29.8

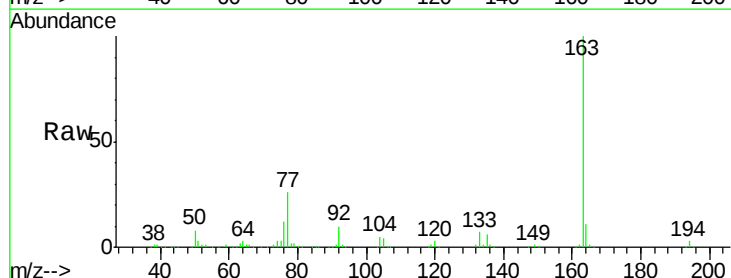


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

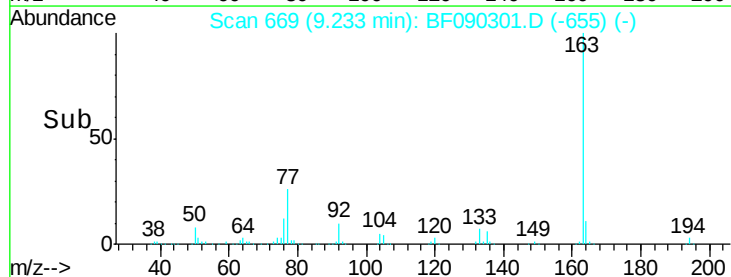
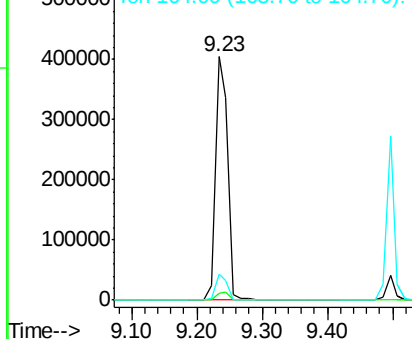


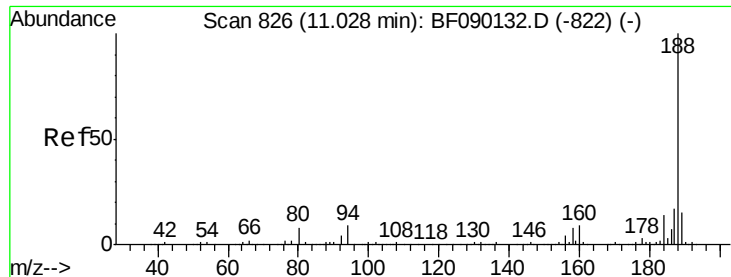
#49
Dimethylphthalate
Concen: 37.59 ng
RT: 9.23 min Scan# 669
Delta R.T. -0.03 min
Lab File: BF090301.D
Acq: 29 Sep 2016 20:38

Tgt Ion:163 Resp: 541834
Ion Ratio Lower Upper
163 100
194 2.9 2.8 4.2
164 10.8 8.1 12.1



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

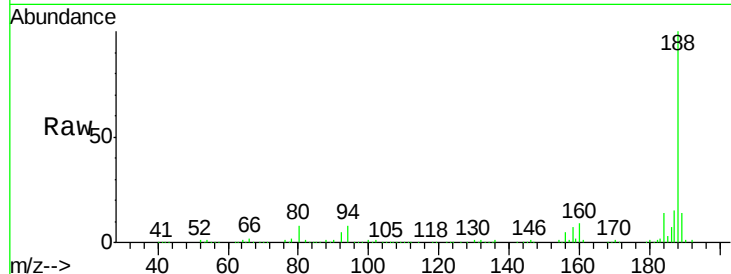




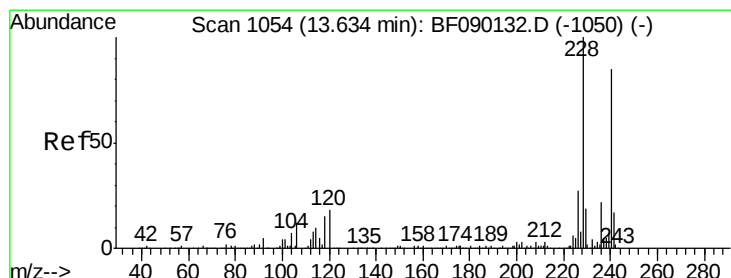
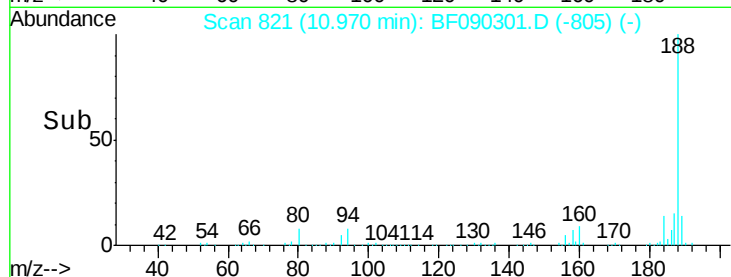
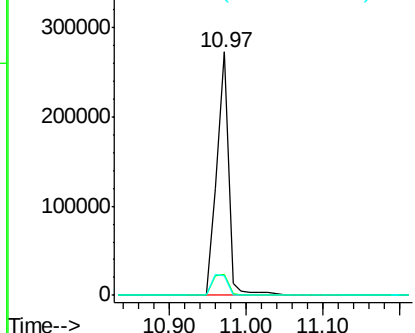
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.97 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF090301.D
Acq: 29 Sep 2016 20:38

Instrument :
BNA_F
ClientSampleId :
SUP-B044-6-9

Tot Ion:188 Resp: 291833
Ion Ratio Lower Upper
188 100
94 8.5 10.5 15.7#
80 8.3 11.2 16.8#

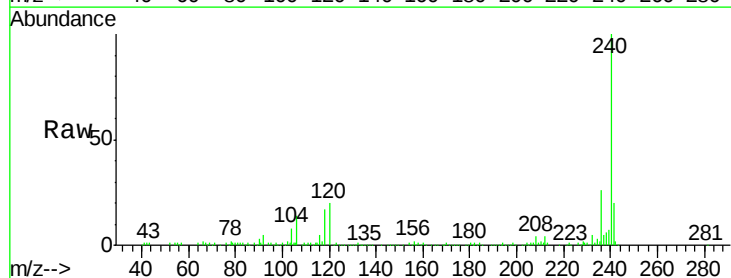


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

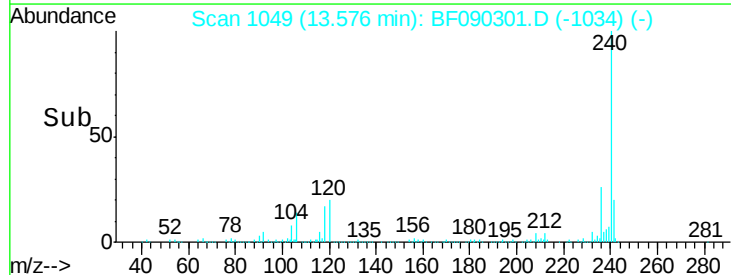
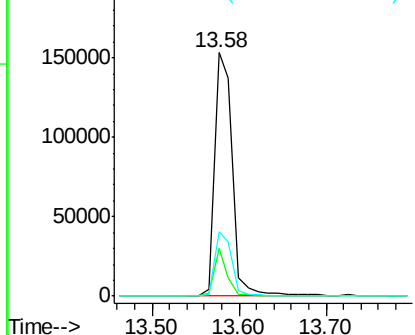


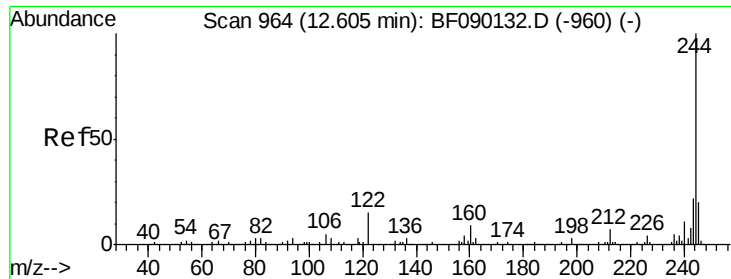
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.58 min Scan# 1049
Delta R.T. -0.02 min
Lab File: BF090301.D
Acq: 29 Sep 2016 20:38

Tgt Ion:240 Resp: 221272
Ion Ratio Lower Upper
240 100
120 19.6 10.6 16.0#
236 26.2 21.6 32.4



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

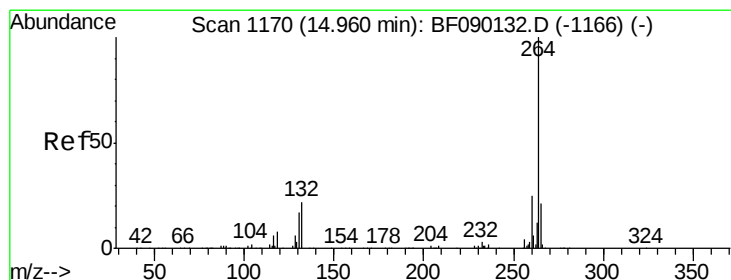
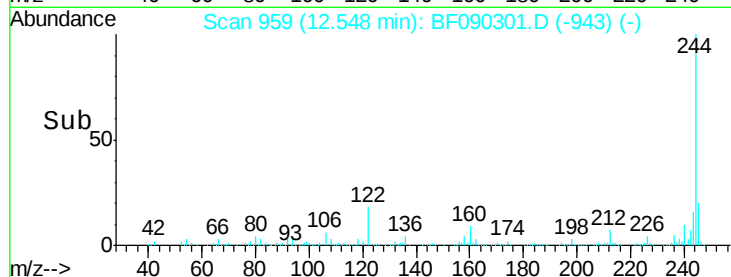
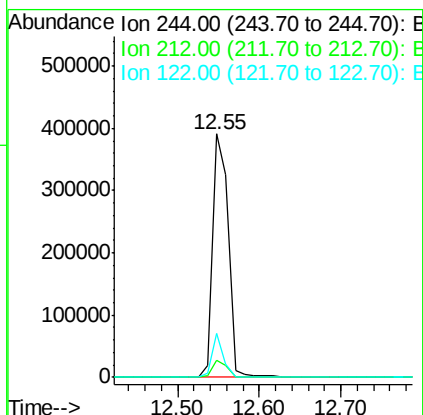
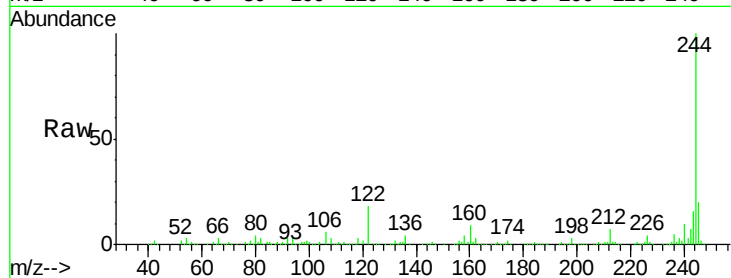




#78
 Terphenyl-d14
 Concen: 60.30 ng
 RT: 12.55 min Scan# 959
 Delta R.T. -0.01 min
 Lab File: BF090301.D
 Acq: 29 Sep 2016 20:38

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B044-6-9

Tot Ion:244 Resp: 525548
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 18.1 9.4 14.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.90 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF090301.D
 Acq: 29 Sep 2016 20:38

Tgt Ion:264 Resp: 176835
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.5 29.3
 265 21.9 17.0 25.4

