

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
 Data File : BF090367.D
 Acq On : 5 Oct 2016 2:50
 Operator : UM/SJ
 Sample : H5025-02DL 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PA-2DL

Quant Time: Oct 05 04:33:32 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 05 03:16:32 2016
 Response via : Initial Calibration

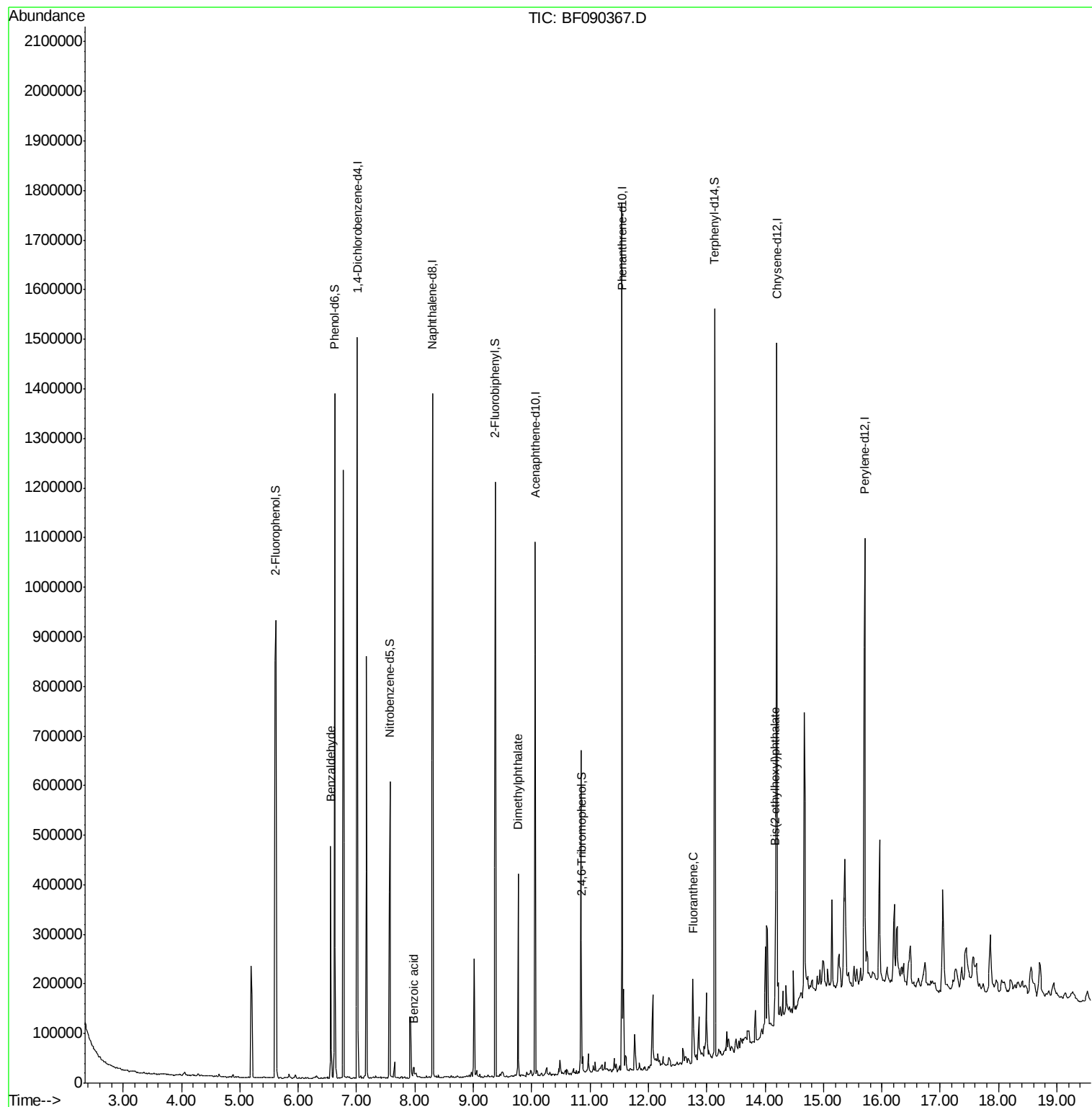
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	184163	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	669785	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	293436	20.00	ng	0.01
63) Phenanthrene-d10	11.55	188	527099	20.00	ng	0.00
75) Chrysene-d12	14.20	240	526120	20.00	ng	0.01
86) Perylene-d12	15.71	264	409688	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	333724	28.58	ng	0.01
7) Phenol-d6	6.62	99	408414	27.98	ng	0.00
23) Nitrobenzene-d5	7.57	82	236188	20.56	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	63109	24.76	ng	0.01
44) 2-Fluorobiphenyl	9.38	172	369986	20.56	ng	0.00
78) Terphenyl-d14	13.14	244	392786	17.38	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.55	77	88198	13.02	ng	92
32) Benzoic acid	7.98	122	7568	6.24	ng	99
49) Dimethylphthalate	9.77	163	128346	7.39	ng	# 96
74) Fluoranthene	12.76	202	59720	2.23	ng	95
83) Bis(2-ethylhexyl)phthalate	14.18	149	49604	2.34	ng	# 94

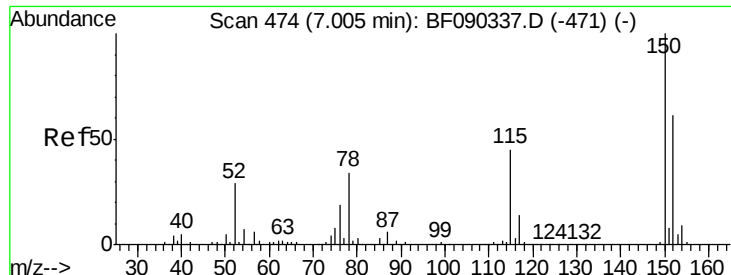
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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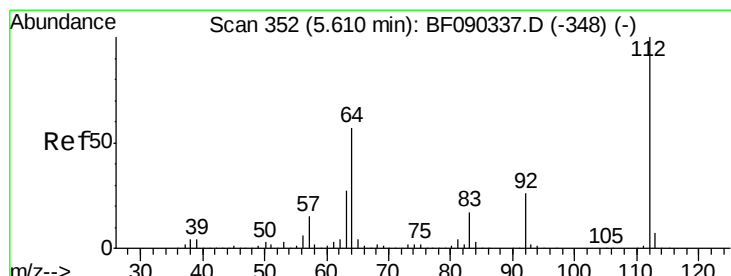
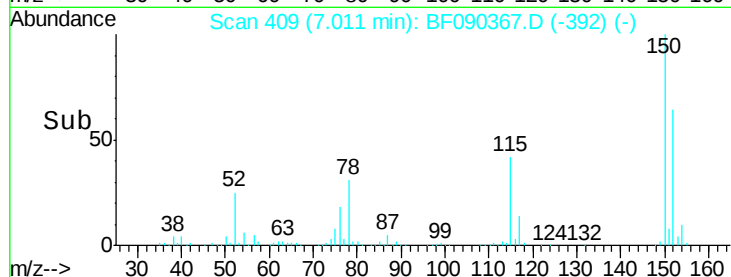
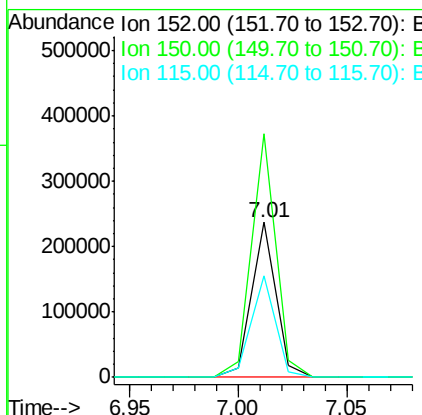
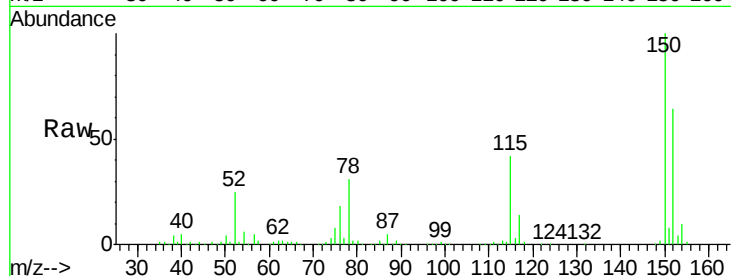




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.01 min Scan# 409
 Delta R.T. -0.00 min
 Lab File: BF090367.D
 Acq: 5 Oct 2016 2:50

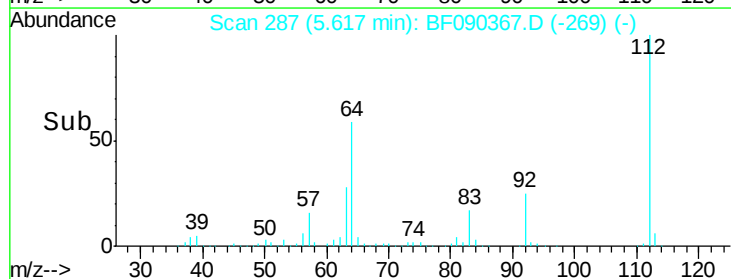
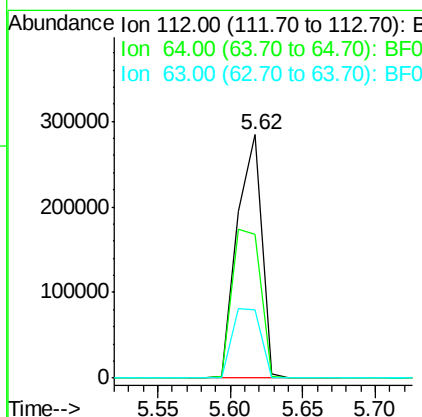
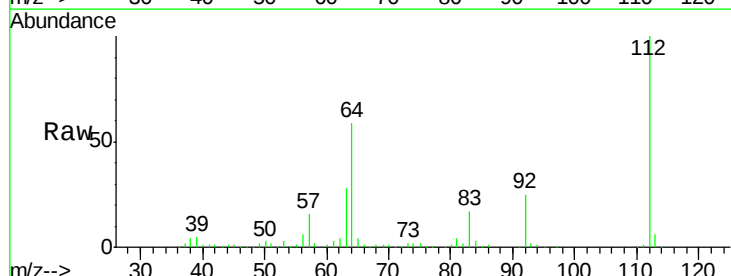
Instrument :
 BNA_F
 ClientSampleID :
 PA-2DL

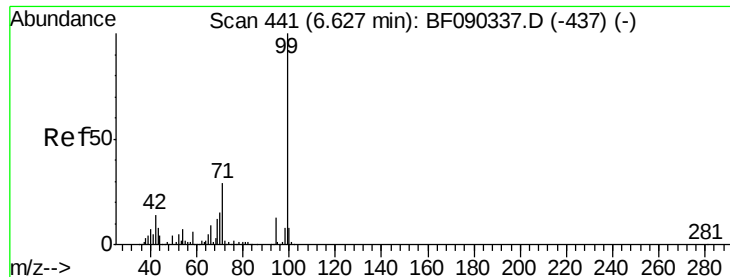
Tgt Ion:152 Resp: 184163
 Ion Ratio Lower Upper
 152 100
 150 157.4 124.6 186.8
 115 65.8 46.2 69.4



#5
 2-Fluorophenol
 Concen: 28.58 ng
 RT: 5.62 min Scan# 287
 Delta R.T. 0.01 min
 Lab File: BF090367.D
 Acq: 5 Oct 2016 2:50

Tgt Ion:112 Resp: 333724
 Ion Ratio Lower Upper
 112 100
 64 58.9 57.9 86.9
 63 28.0 29.6 44.4#





#7

Phenol-d6

Concen: 27.98 ng

RT: 6.62 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF090367.D

Acq: 5 Oct 2016 2:50

Instrument :

BNA_F

ClientSampleId :

PA-2DL

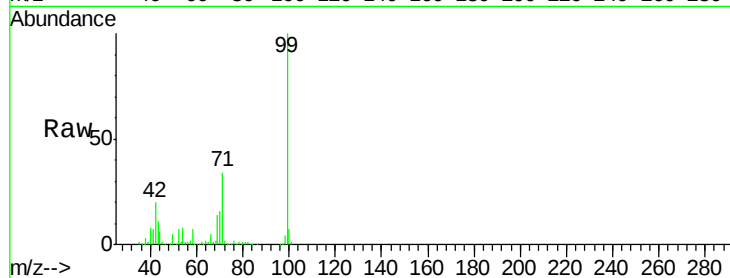
Tgt Ion: 99 Resp: 408414

Ion Ratio Lower Upper

99 100

42 20.1 20.0 30.0

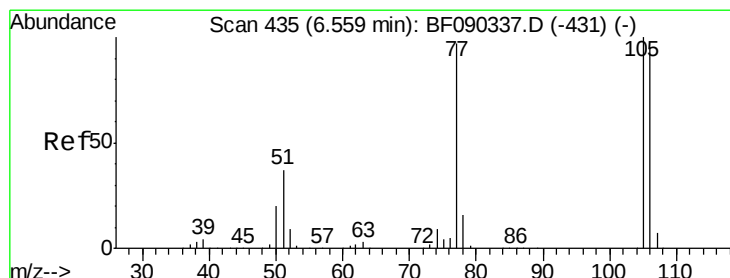
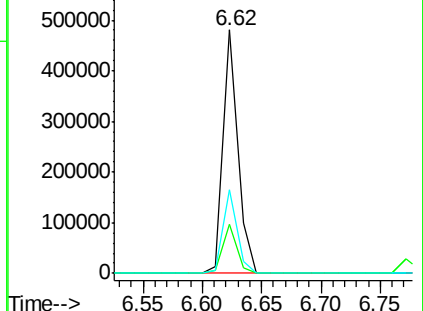
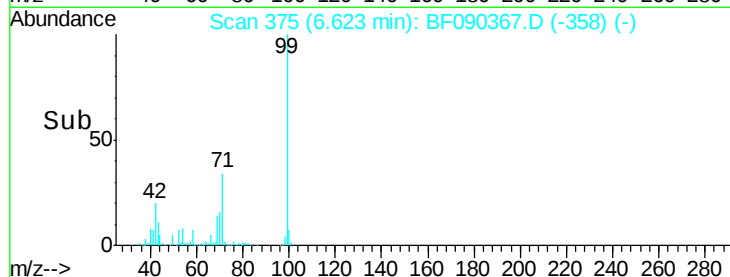
71 34.3 27.9 41.9



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



#9

Benzaldehyde

Concen: 13.02 ng

RT: 6.55 min Scan# 369

Delta R.T. -0.00 min

Lab File: BF090367.D

Acq: 5 Oct 2016 2:50

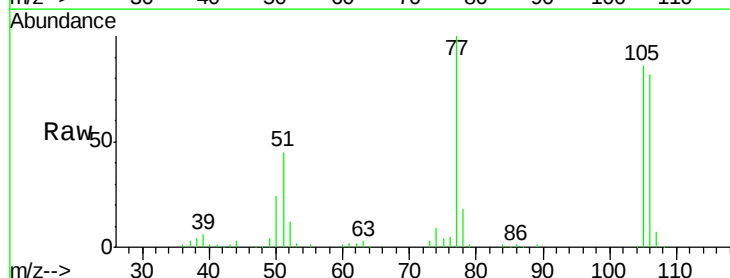
Tgt Ion: 77 Resp: 88198

Ion Ratio Lower Upper

77 100

105 85.9 73.1 113.1

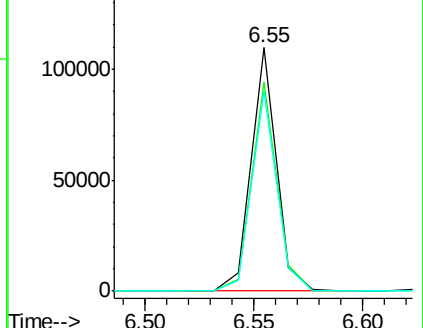
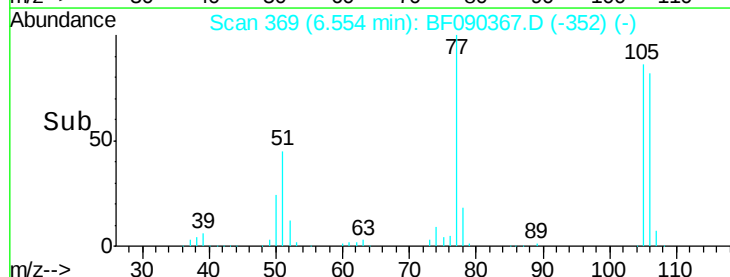
106 82.1 70.2 110.2

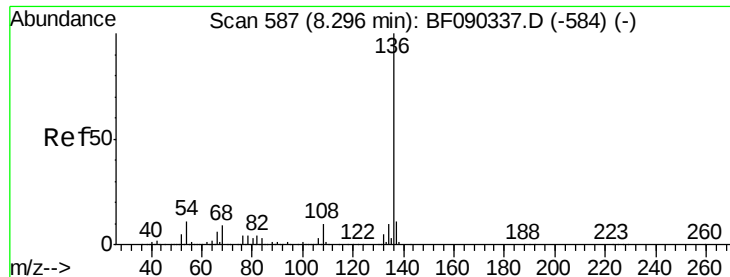


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0

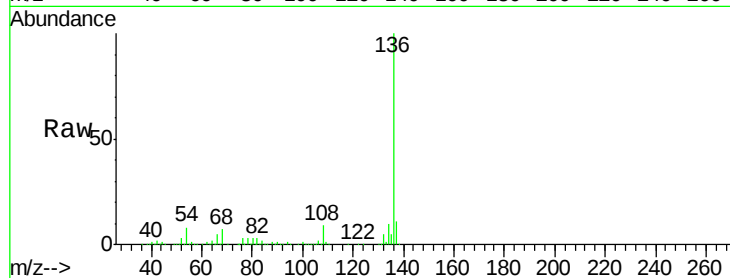




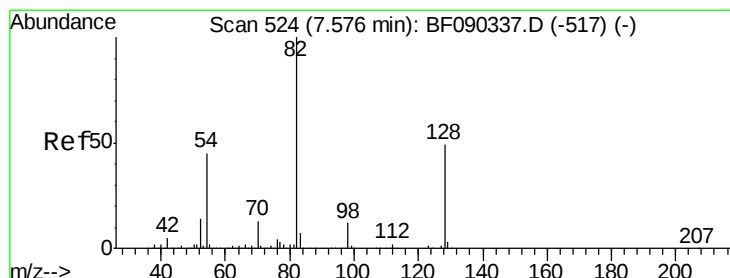
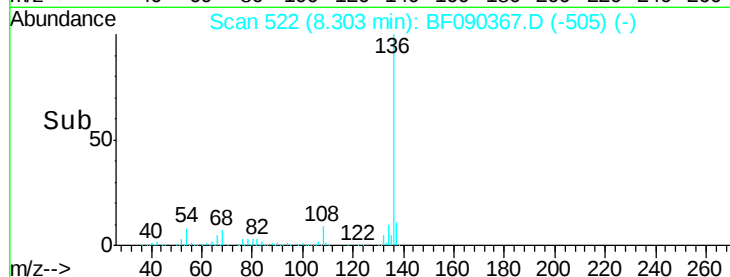
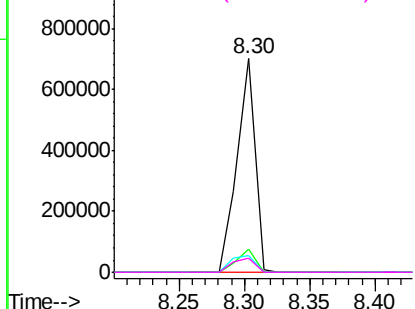
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.30 min Scan# 522
Delta R.T. -0.00 min
Lab File: BF090367.D
Acq: 5 Oct 2016 2:50

Instrument :
BNA_F
ClientSampleId :
PA-2DL

Tgt Ion:	136	Resp:	669785
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	7.9	6.6	10.0
68	6.8	5.0	7.6

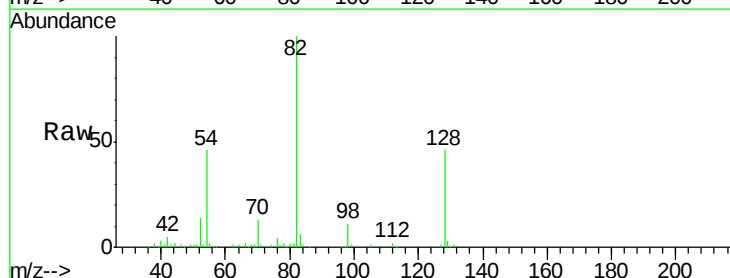


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

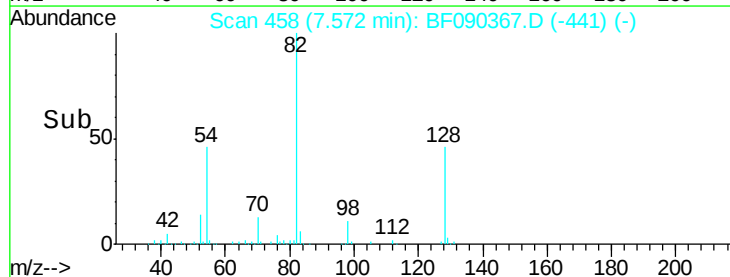
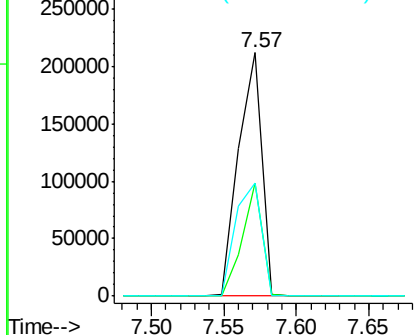


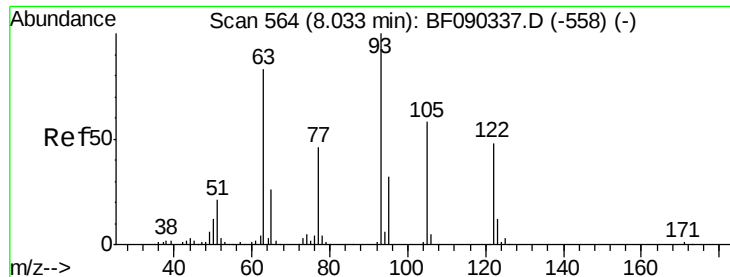
#23
Nitrobenzene-d5
Concen: 20.56 ng
RT: 7.57 min Scan# 458
Delta R.T. -0.00 min
Lab File: BF090367.D
Acq: 5 Oct 2016 2:50

Tgt Ion:	82	Resp:	236188
Ion	Ratio	Lower	Upper
82	100		
128	46.4	40.0	60.0
54	46.3	42.6	64.0



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

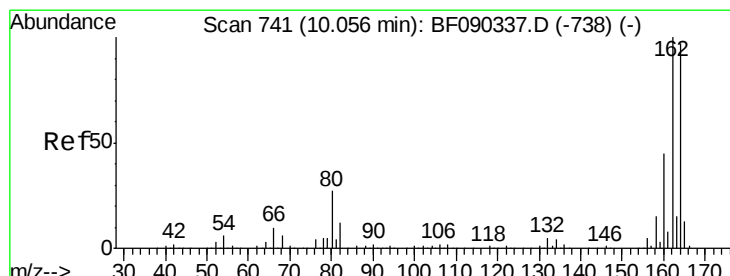
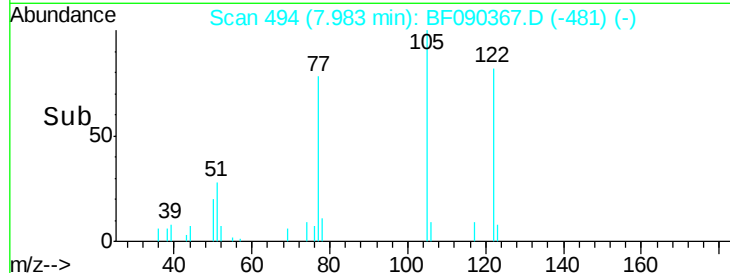
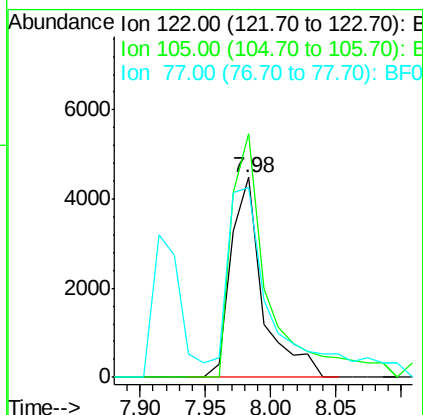
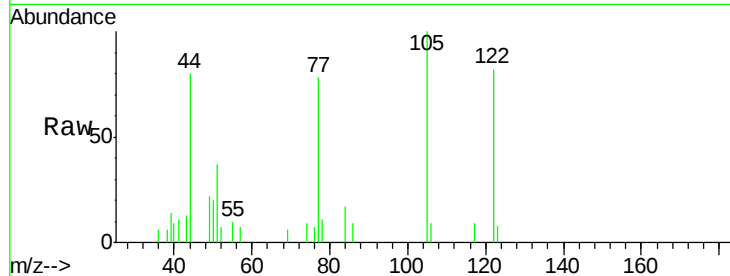




#32
Benzoic acid
Concen: 6.24 ng
RT: 7.98 min Scan# 494
Delta R.T. -0.05 min
Lab File: BF090367.D
Acq: 5 Oct 2016 2:50

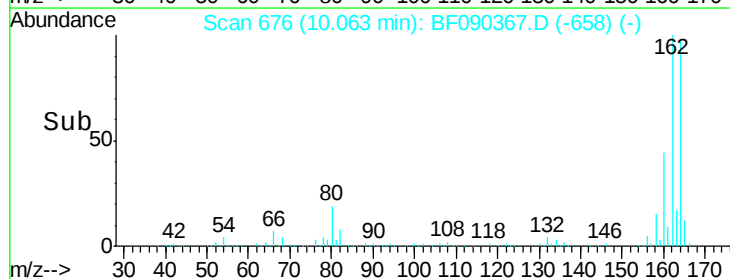
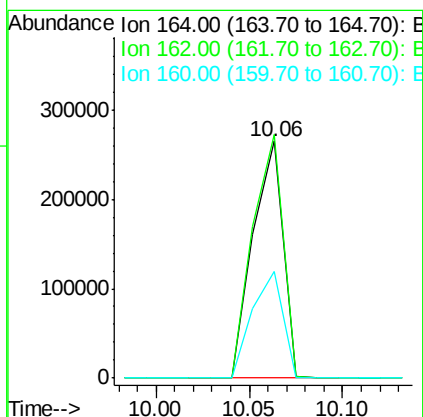
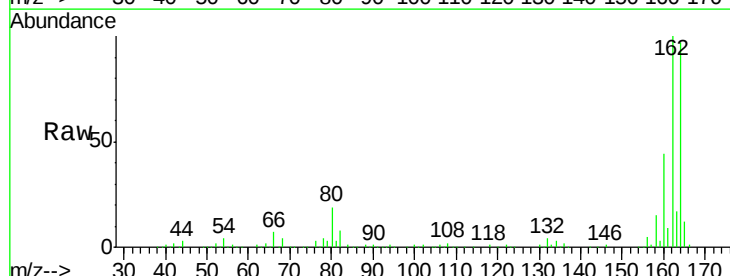
Instrument :
BNA_F
ClientSampleId :
PA-2DL

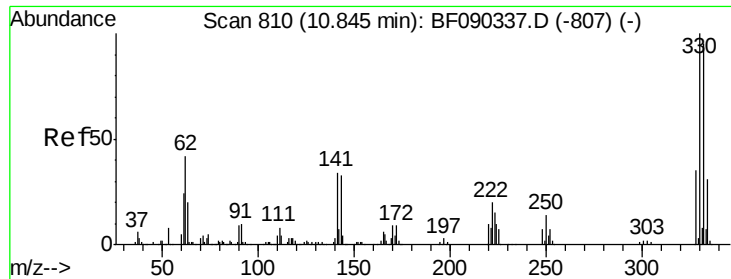
Tgt Ion:122 Resp: 7568
Ion Ratio Lower Upper
122 100
105 121.9 103.9 143.9
77 94.8 74.6 114.6



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.06 min Scan# 676
Delta R.T. 0.01 min
Lab File: BF090367.D
Acq: 5 Oct 2016 2:50

Tgt Ion:164 Resp: 293436
Ion Ratio Lower Upper
164 100
162 102.8 80.1 120.1
160 45.1 36.3 54.5

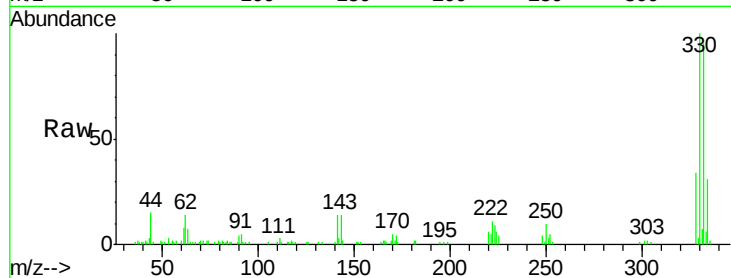




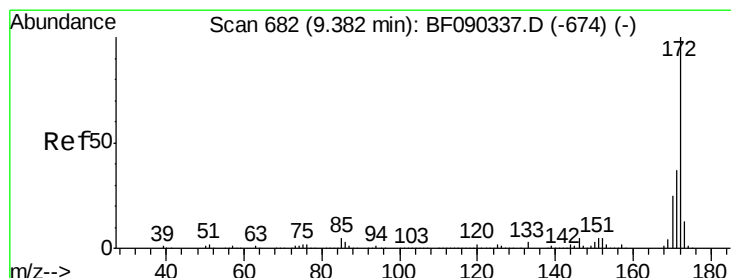
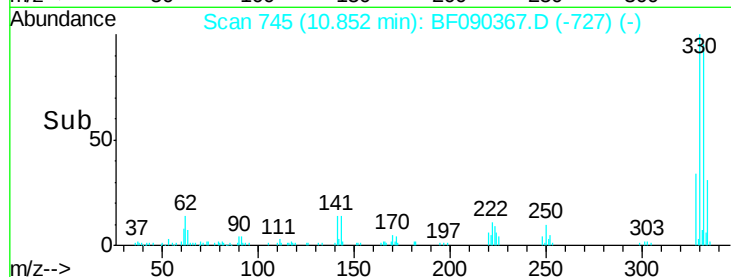
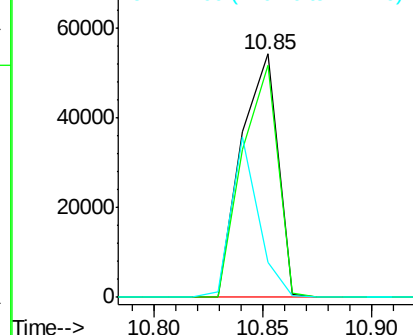
#41
 2,4,6-Tribromophenol
 Concen: 24.76 ng
 RT: 10.85 min Scan# 745
 Delta R.T. 0.01 min
 Lab File: BF090367.D
 Acq: 5 Oct 2016 2:50

Instrument :
 BNA_F
 ClientSampleId :
 PA-2DL

Tgt Ion:330 Resp: 63109
 Ion Ratio Lower Upper
 330 100
 332 92.9 75.4 113.0
 141 49.0 26.9 40.3#

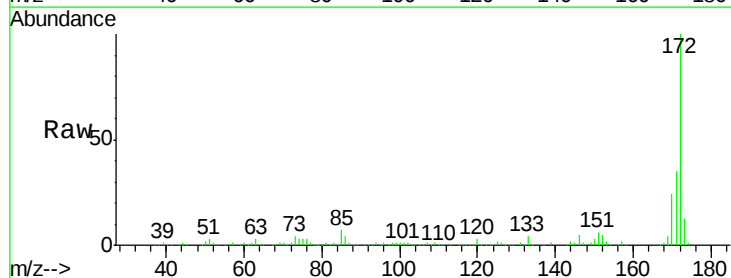


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

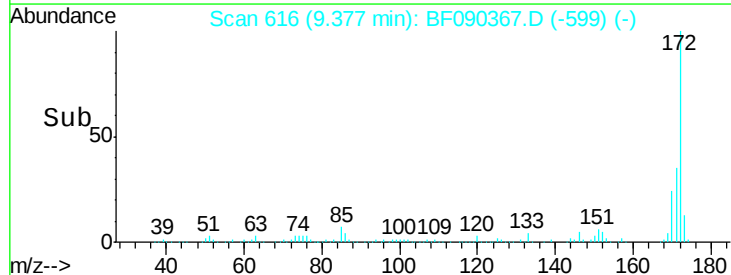
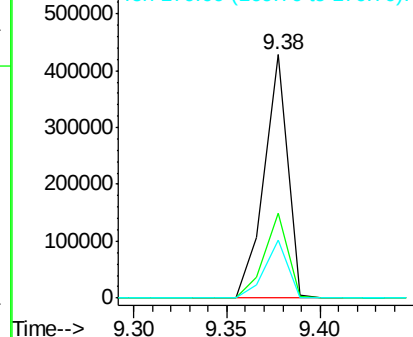


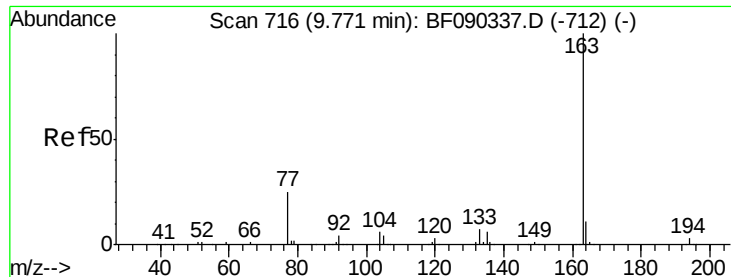
#44
 2-Fluorobiphenyl
 Concen: 20.56 ng
 RT: 9.38 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF090367.D
 Acq: 5 Oct 2016 2:50

Tgt Ion:172 Resp: 369986
 Ion Ratio Lower Upper
 172 100
 171 34.9 31.8 47.8
 170 23.8 21.7 32.5



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: 7.39 ng

RT: 9.77 min Scan# 650

Delta R.T. -0.01 min

Lab File: BF090367.D

Acq: 5 Oct 2016 2:50

Instrument :

BNA_F

ClientSampleId :

PA-2DL

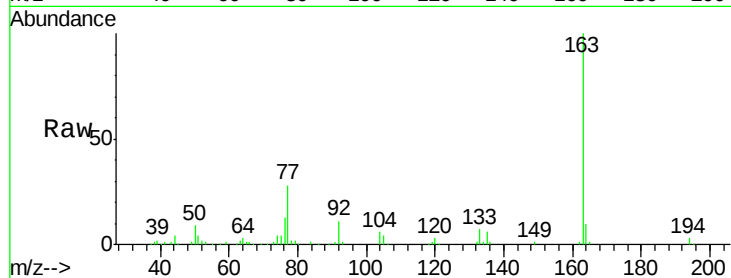
Tgt Ion:163 Resp: 128346

Ion Ratio Lower Upper

163 100

194 2.8 2.8 4.2#

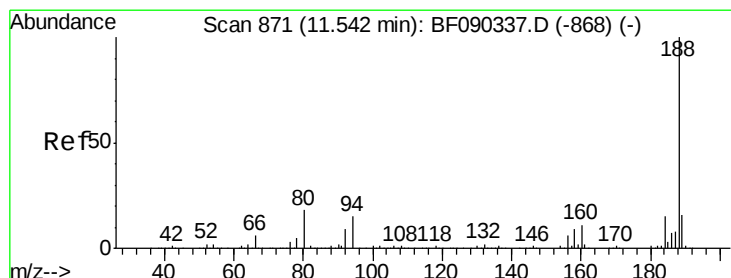
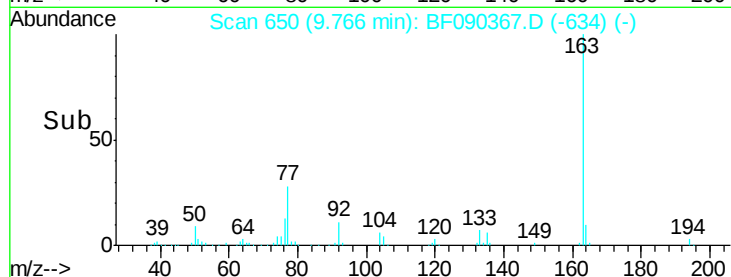
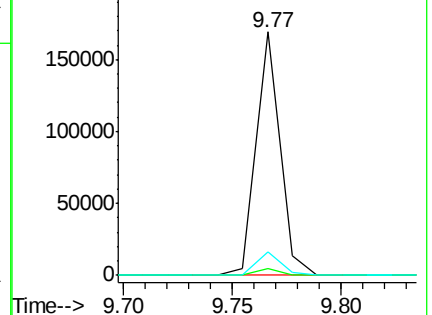
164 9.7 9.0 13.4



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: 11.55 min Scan# 806

Delta R.T. -0.00 min

Lab File: BF090367.D

Acq: 5 Oct 2016 2:50

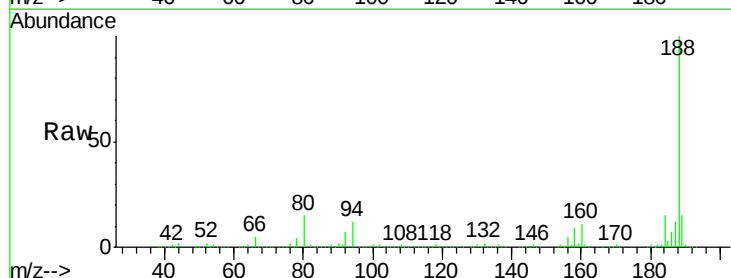
Tgt Ion:188 Resp: 527099

Ion Ratio Lower Upper

188 100

94 12.5 8.2 12.2#

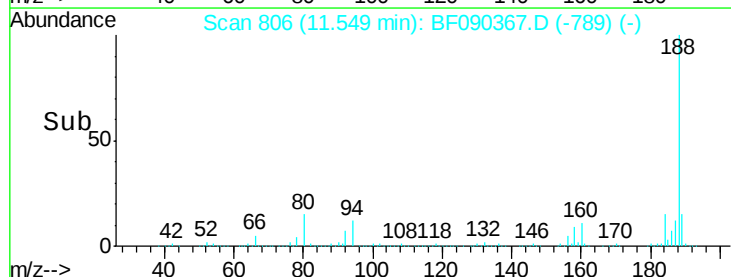
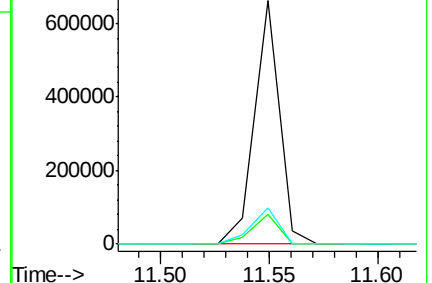
80 14.8 8.8 13.2#

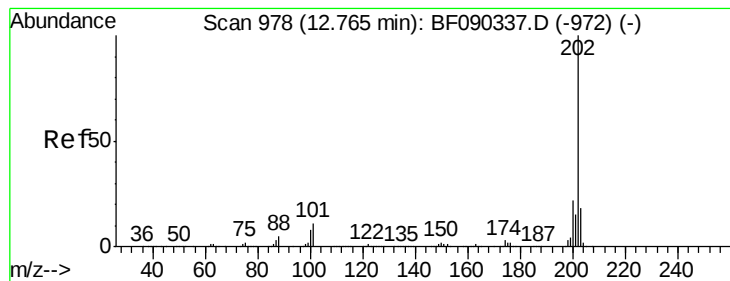


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#74

Fluoranthene

Concen: 2.23 ng

RT: 12.76 min Scan# 912

Delta R.T. -0.00 min

Lab File: BF090367.D

Acq: 5 Oct 2016 2:50

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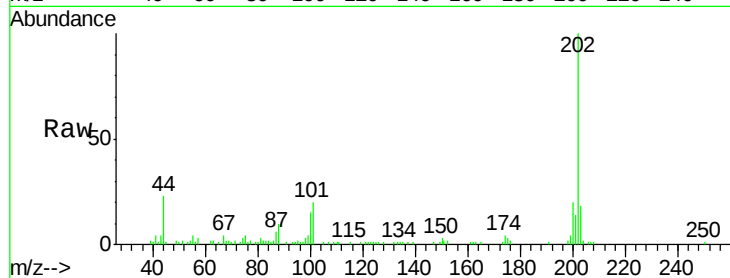
Tgt Ion:202 Resp: 59720

Ion Ratio Lower Upper

202 100

101 20.0 0.0 37.2

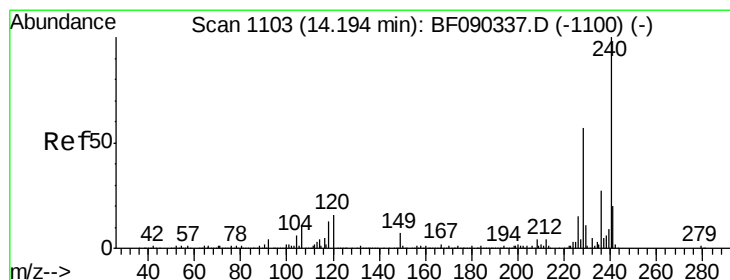
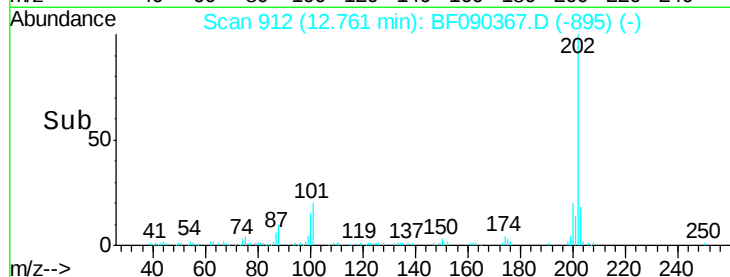
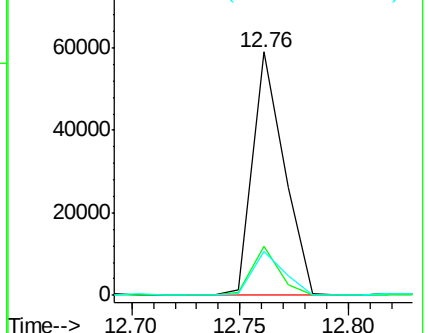
203 17.9 0.0 39.3



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.20 min Scan# 1038

Delta R.T. 0.01 min

Lab File: BF090367.D

Acq: 5 Oct 2016 2:50

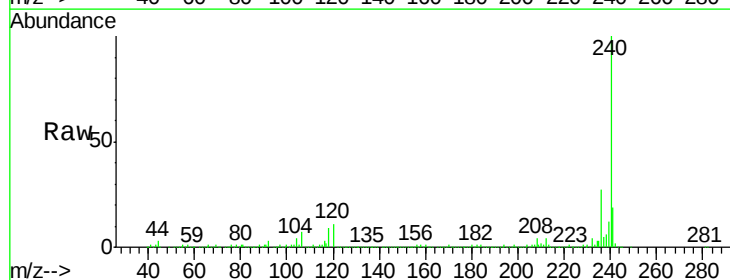
Tgt Ion:240 Resp: 526120

Ion Ratio Lower Upper

240 100

120 10.6 8.6 13.0

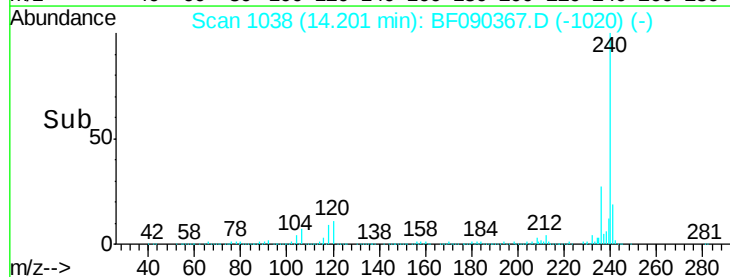
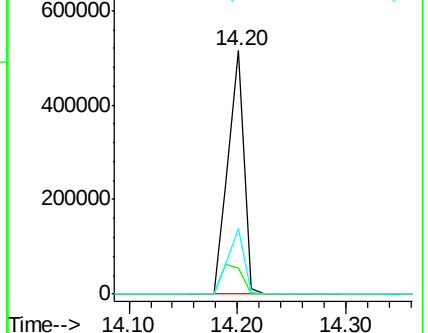
236 26.7 21.6 32.4

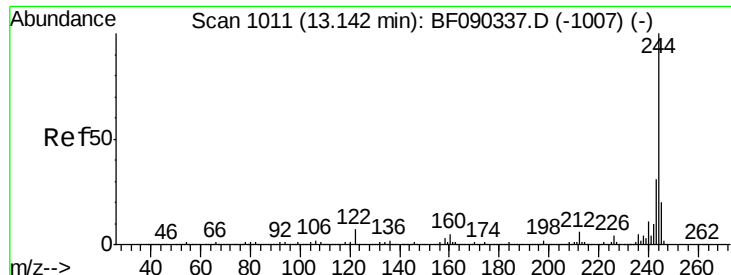


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 17.38 ng

RT: 13.14 min Scan# 945

Delta R.T. -0.00 min

Lab File: BF090367.D

Acq: 5 Oct 2016 2:50

Instrument :

BNA_F

ClientSampleId :

PA-2DL

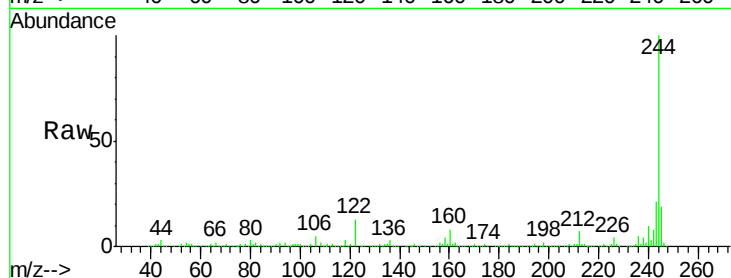
Tgt Ion:244 Resp: 392786

Ion Ratio Lower Upper

244 100

212 6.9 6.8 10.2

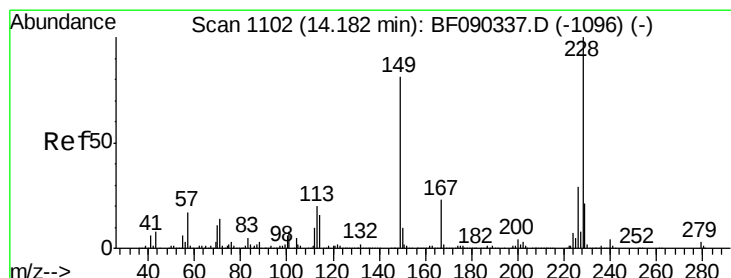
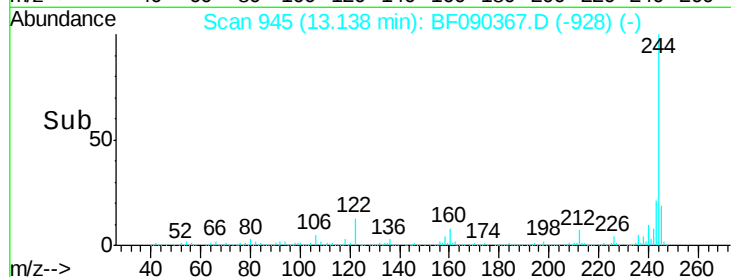
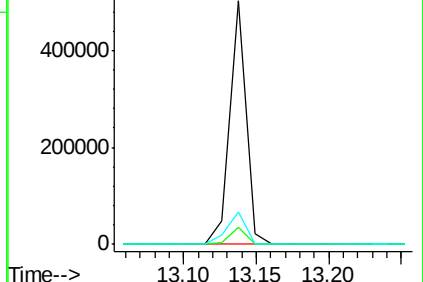
122 13.1 13.3 19.9#



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.34 ng

RT: 14.18 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BF090367.D

Acq: 5 Oct 2016 2:50

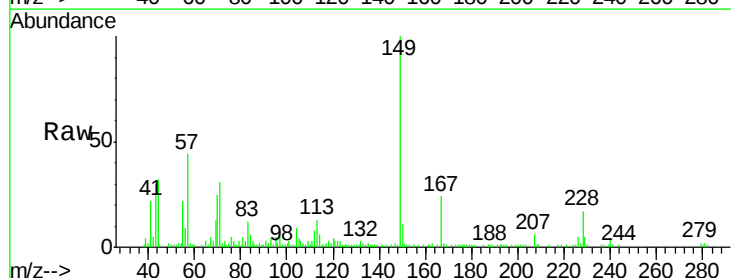
Tgt Ion:149 Resp: 49604

Ion Ratio Lower Upper

149 100

167 23.6 21.5 32.3

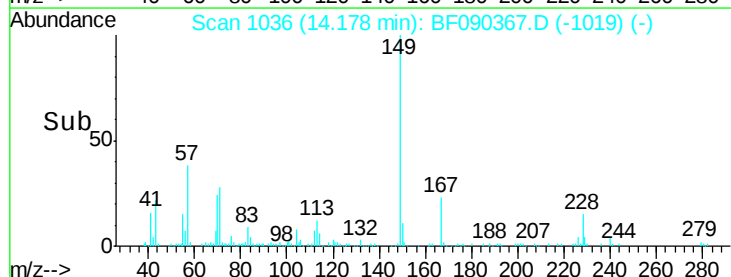
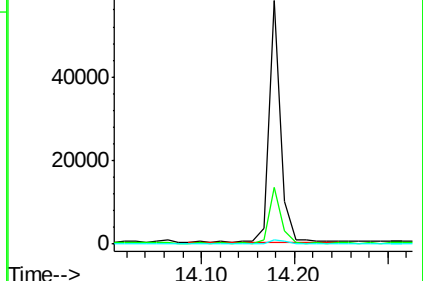
279 1.7 2.6 3.8#

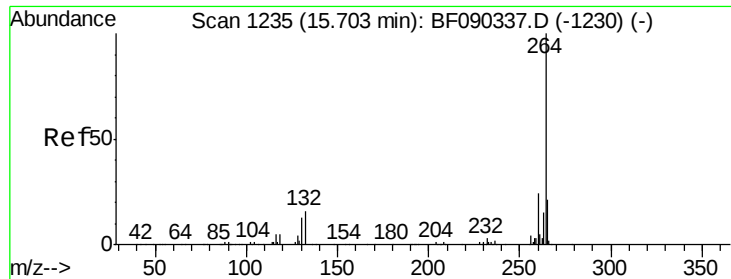


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.71 min Scan# 1170
Delta R.T. 0.01 min
Lab File: BF090367.D
Acq: 5 Oct 2016 2:50

Instrument :
BNA_F
ClientSampleId :
PA-2DL

Tgt Ion: 264 Resp: 409688
Ion Ratio Lower Upper
264 100
260 24.9 19.3 28.9
265 21.7 17.4 26.0

