

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
 Data File : BF090362.D
 Acq On : 5 Oct 2016 00:34
 Operator : UM/SJ
 Sample : H5025-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PA-1

Quant Time: Oct 05 04:13:51 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 04 14:16:07 2016
 Response via : Initial Calibration

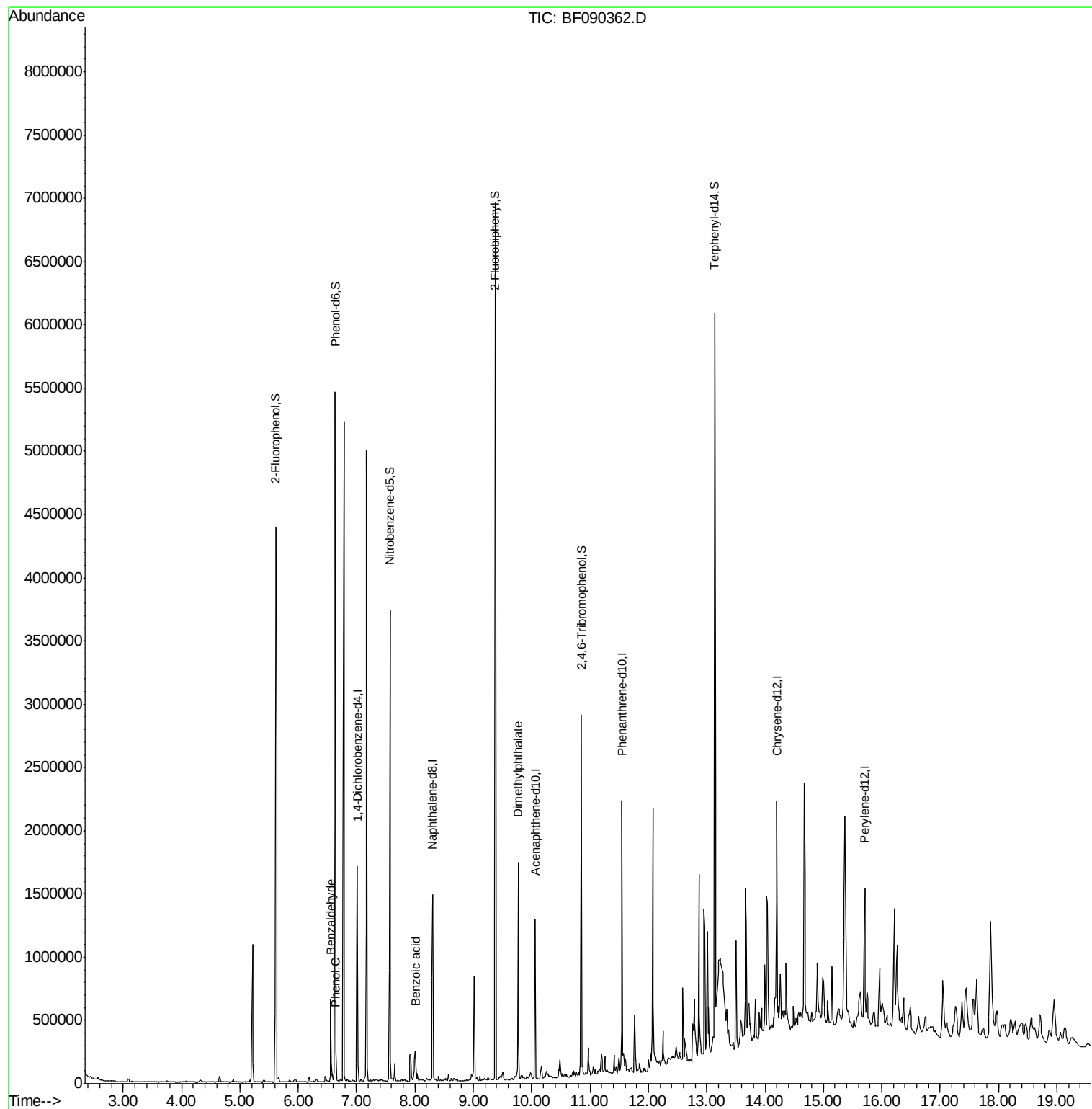
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	208188	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	757965	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	361141	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	648527	20.00	ng	0.00
75) Chrysene-d12	14.20	240	640504	20.00	ng	0.00
86) Perylene-d12	15.71	264	491406	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	1478558	112.02	ng	0.00
7) Phenol-d6	6.63	99	1871111	113.41	ng	0.00
23) Nitrobenzene-d5	7.57	82	1152493	88.63	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	405382	129.24	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	1778570	80.30	ng	0.00
78) Terphenyl-d14	13.14	244	1709063	62.12	ng	0.00
Target Compounds						
9) Benzaldehyde	6.55	77	133440	17.42	ng	91
10) Phenol	6.65	94	41683	2.08	ng	89
32) Benzoic acid	8.01	122	74656	13.81	ng	93
49) Dimethylphthalate	9.77	163	581338	27.19	ng	98

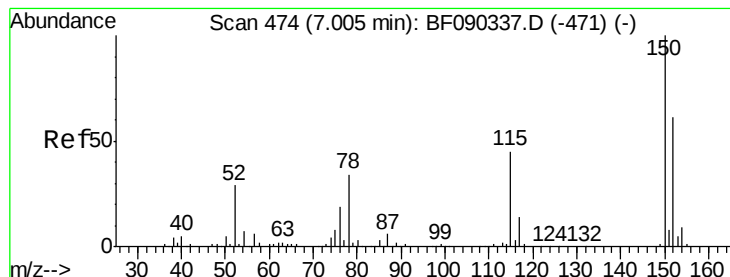
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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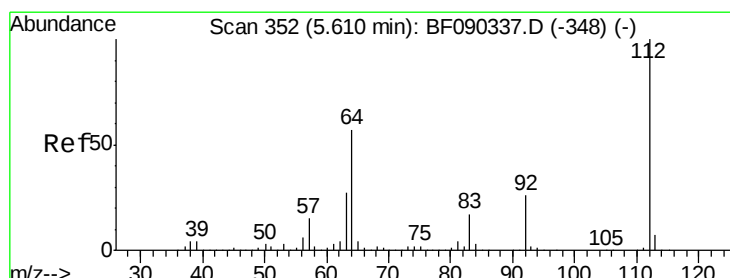
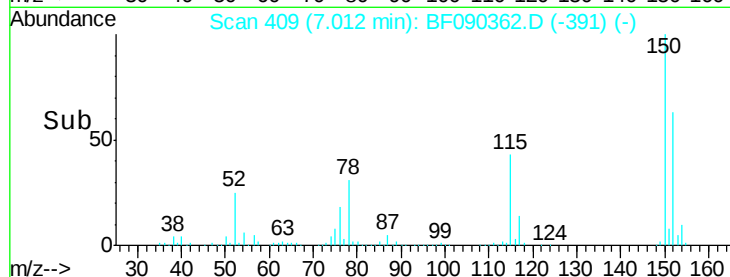
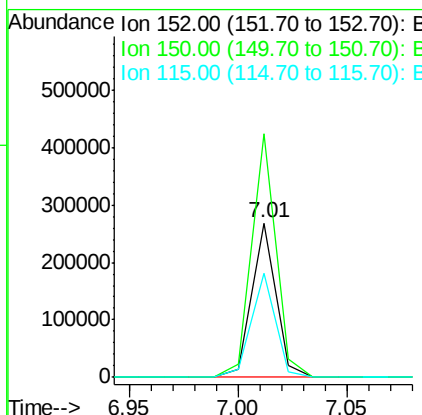
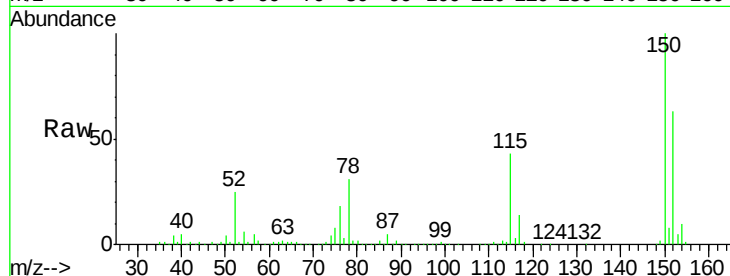




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.01 min Scan# 409
 Delta R.T. 0.01 min
 Lab File: BF090362.D
 Acq: 5 Oct 2016 00:34

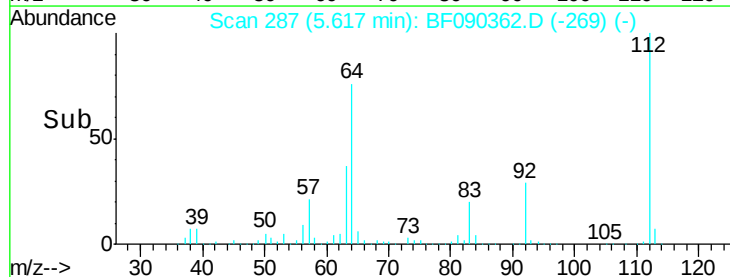
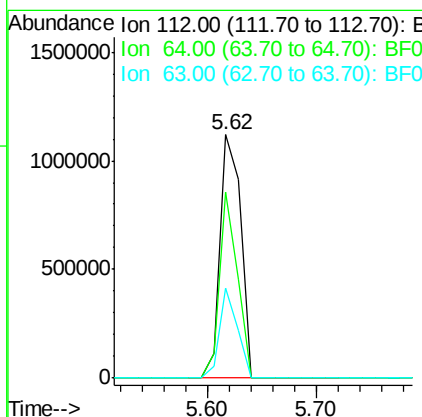
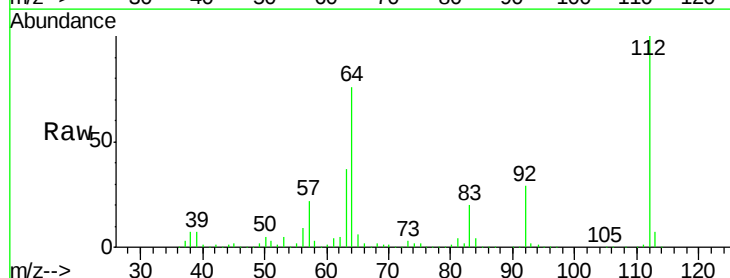
Instrument :
 BNA_F
 ClientSampleId :
 PA-1

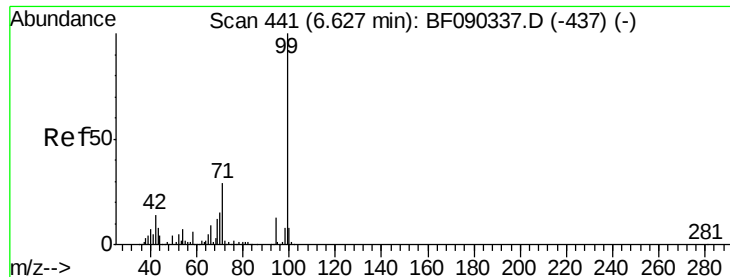
Tgt Ion:152 Resp: 208188
 Ion Ratio Lower Upper
 152 100
 150 157.5 124.6 186.8
 115 67.0 46.2 69.4



#5
 2-Fluorophenol
 Concen: 112.02 ng
 RT: 5.62 min Scan# 287
 Delta R.T. 0.01 min
 Lab File: BF090362.D
 Acq: 5 Oct 2016 00:34

Tgt Ion:112 Resp: 1478558
 Ion Ratio Lower Upper
 112 100
 64 76.5 57.9 86.9
 63 37.0 29.6 44.4





#7

Phenol-d6

Concen: 113.41 ng

RT: 6.63 min Scan# 376

Delta R.T. 0.01 min

Lab File: BF090362.D

Acq: 5 Oct 2016 00:34

Instrument :

BNA_F

ClientSampleId :

PA-1

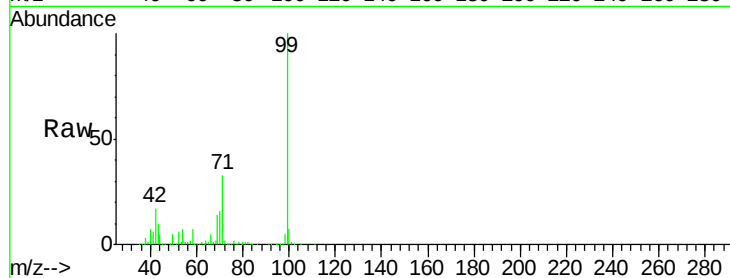
Tgt Ion: 99 Resp: 1871111

Ion Ratio Lower Upper

99 100

42 17.3 20.0 30.0#

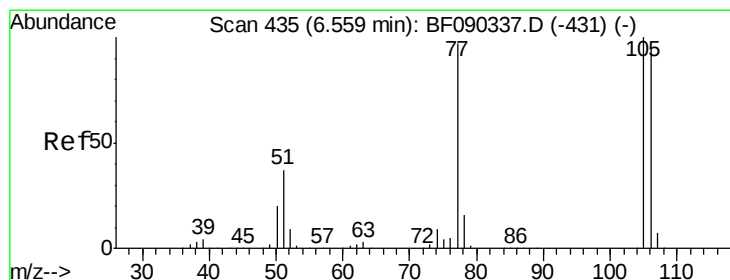
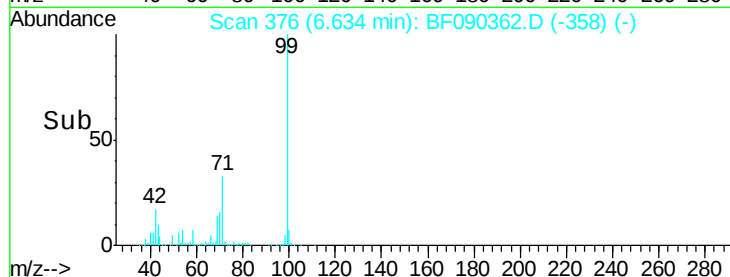
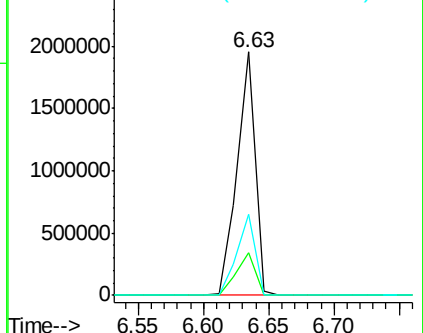
71 33.4 27.9 41.9



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: 17.42 ng

RT: 6.55 min Scan# 369

Delta R.T. -0.00 min

Lab File: BF090362.D

Acq: 5 Oct 2016 00:34

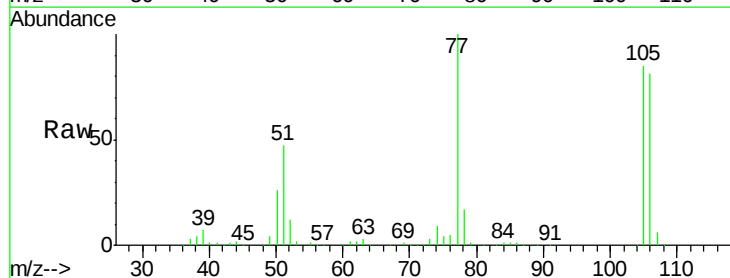
Tgt Ion: 77 Resp: 133440

Ion Ratio Lower Upper

77 100

105 84.7 73.1 113.1

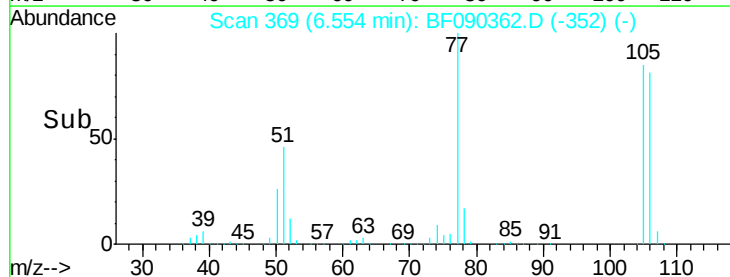
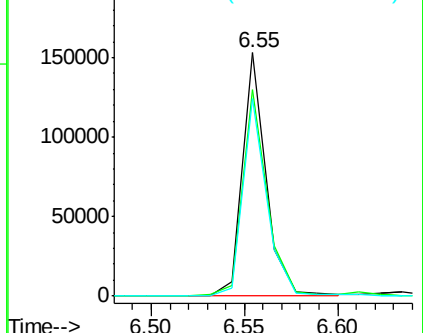
106 81.1 70.2 110.2

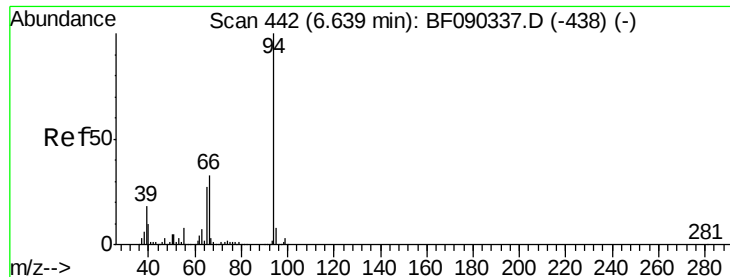


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 2.08 ng

RT: 6.65 min Scan# 377

Delta R.T. 0.01 min

Lab File: BF090362.D

Acq: 5 Oct 2016 00:34

Instrument :

BNA_F

ClientSampleId :

PA-1

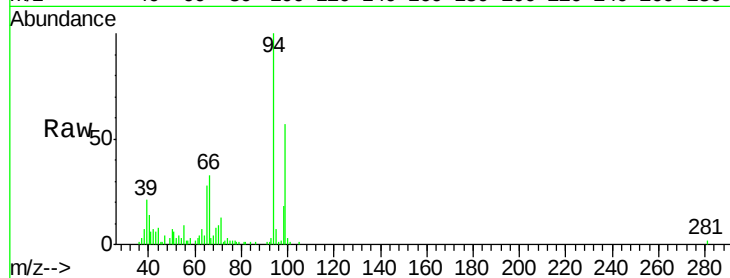
Tgt Ion: 94 Resp: 41683

Ion Ratio Lower Upper

94 100

65 27.9 13.3 53.3

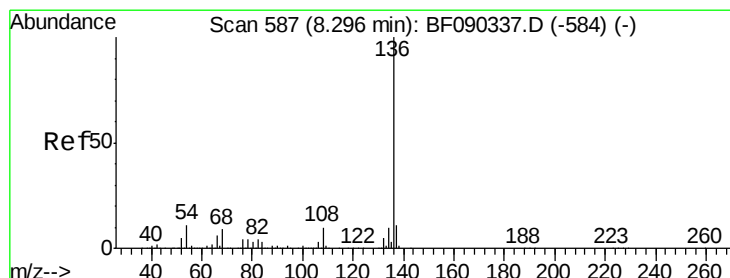
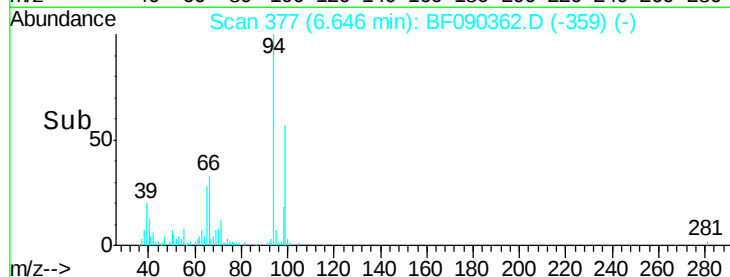
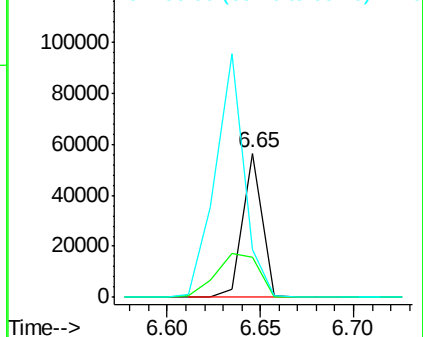
66 32.8 20.4 60.4



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: 8.30 min Scan# 522

Delta R.T. 0.01 min

Lab File: BF090362.D

Acq: 5 Oct 2016 00:34

Tgt Ion: 136 Resp: 757965

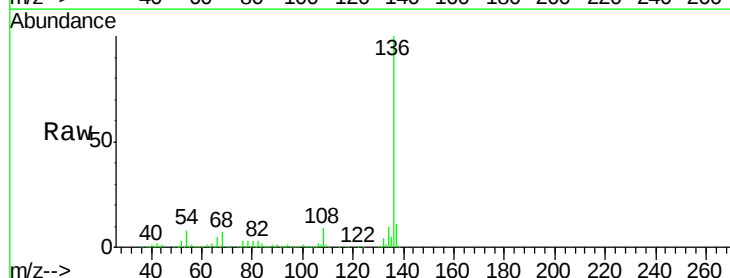
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.6

54 7.6 6.6 10.0

68 6.9 5.0 7.6

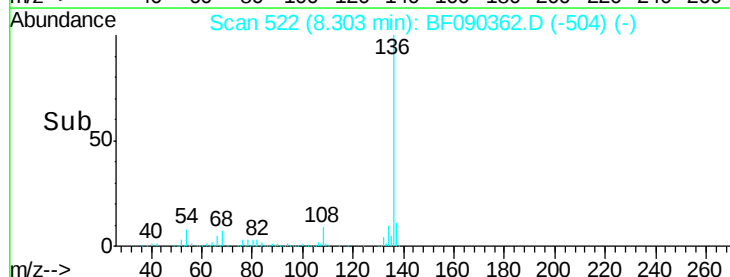
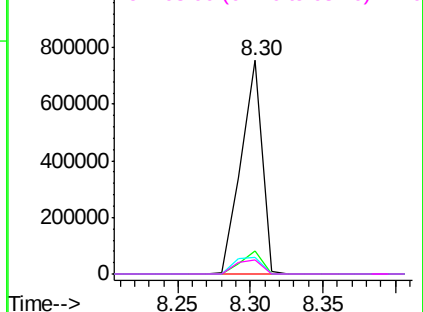


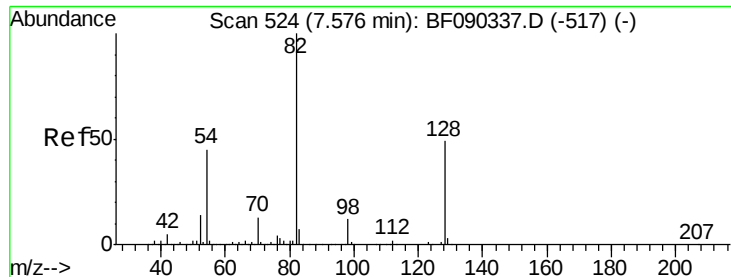
Abundance Ion 136.00 (135.70 to 136.70): E

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

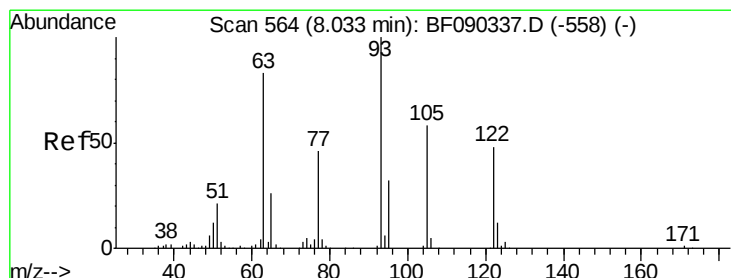
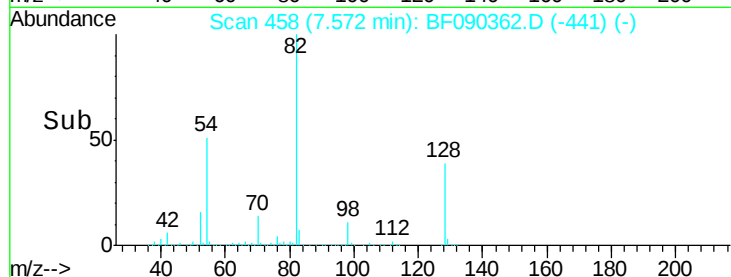
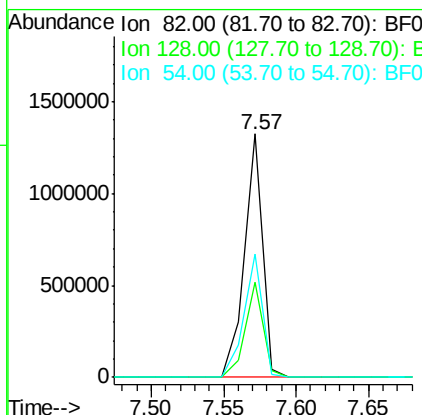
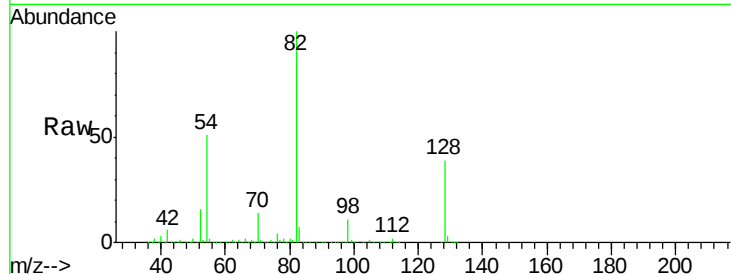




#23
Nitrobenzene-d5
Concen: 88.63 ng
RT: 7.57 min Scan# 458
Delta R.T. -0.00 min
Lab File: BF090362.D
Acq: 5 Oct 2016 00:34

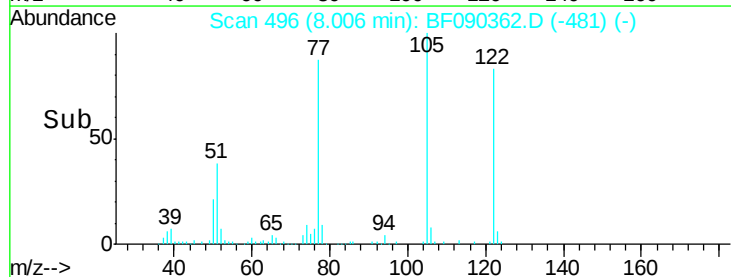
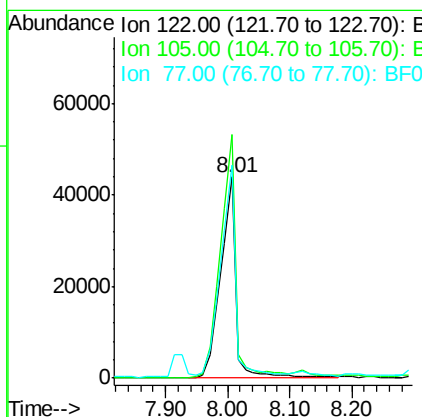
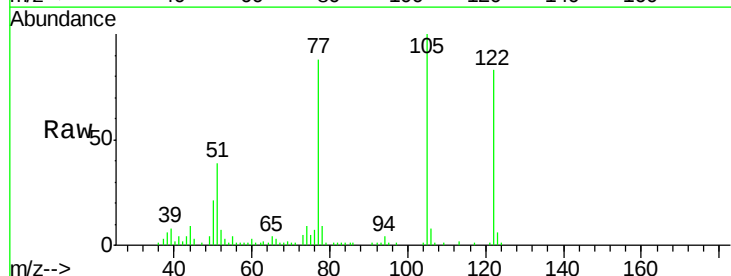
Instrument :
BNA_F
ClientSampleId :
PA-1

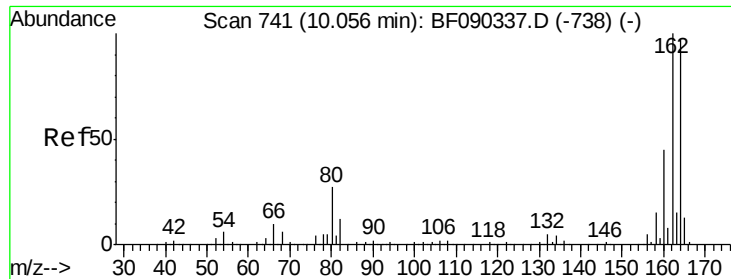
Tgt Ion: 82 Resp: 1152493
Ion Ratio Lower Upper
82 100
128 39.2 40.0 60.0#
54 50.9 42.6 64.0



#32
Benzoic acid
Concen: 13.81 ng
RT: 8.01 min Scan# 496
Delta R.T. -0.03 min
Lab File: BF090362.D
Acq: 5 Oct 2016 00:34

Tgt Ion: 122 Resp: 74656
Ion Ratio Lower Upper
122 100
105 121.1 103.9 143.9
77 106.0 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: BF090362.D

Acq: 5 Oct 2016 00:34

Instrument :

BNA_F

ClientSampleId :

PA-1

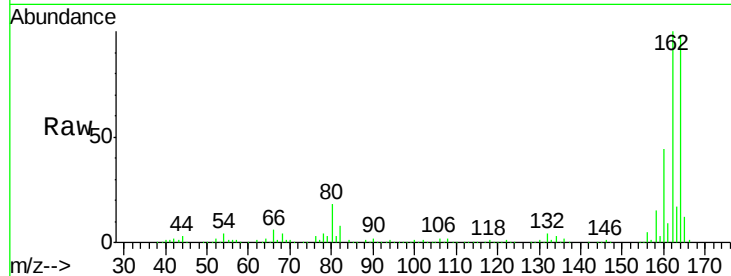
Tgt Ion:164 Resp: 361141

Ion Ratio Lower Upper

164 100

162 102.4 80.1 120.1

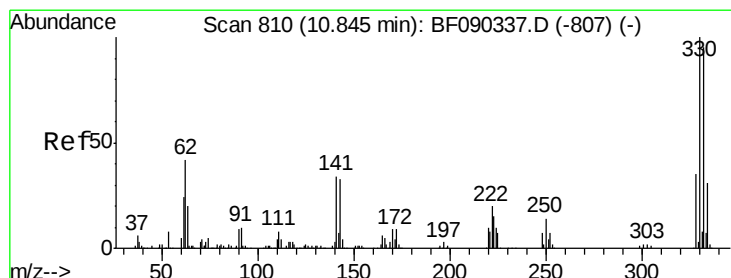
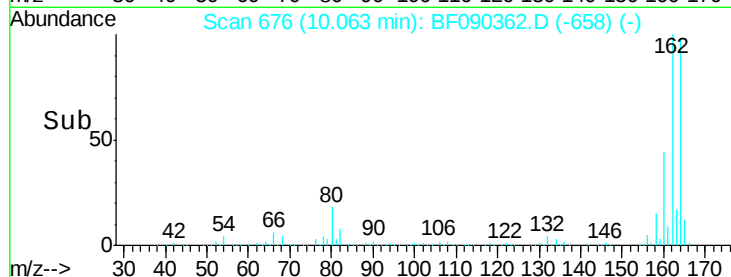
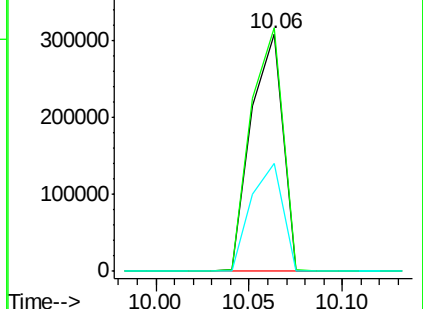
160 45.3 36.3 54.5



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: 129.24 ng

RT: 10.85 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF090362.D

Acq: 5 Oct 2016 00:34

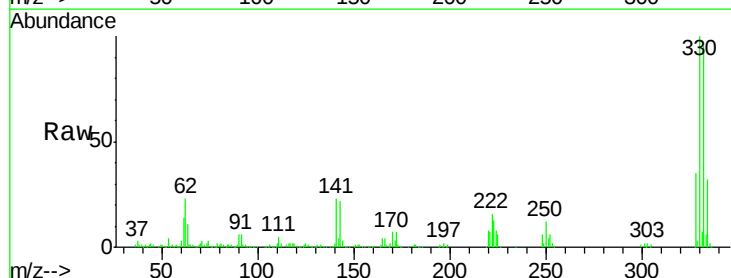
Tgt Ion:330 Resp: 405382

Ion Ratio Lower Upper

330 100

332 95.0 75.4 113.0

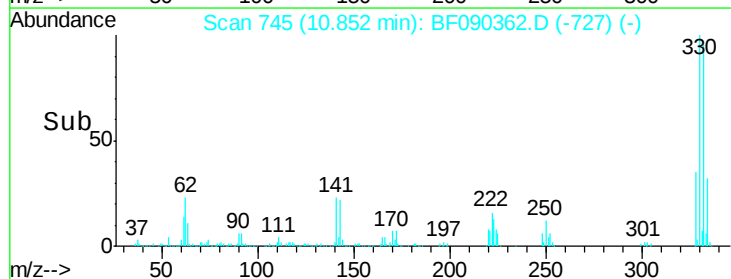
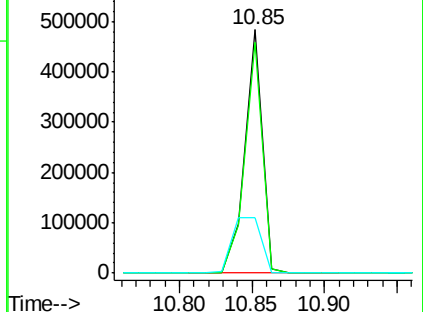
141 38.2 26.9 40.3

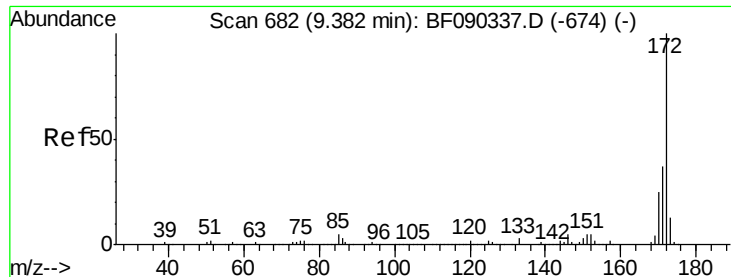


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 80.30 ng

RT: 9.38 min Scan# 616

Delta R.T. -0.00 min

Lab File: BF090362.D

Acq: 5 Oct 2016 00:34

Instrument :

BNA_F

ClientSampleId :

PA-1

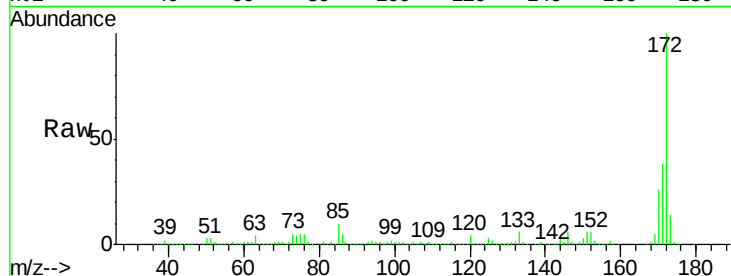
Tgt Ion:172 Resp: 1778570

Ion Ratio Lower Upper

172 100

171 37.8 31.8 47.8

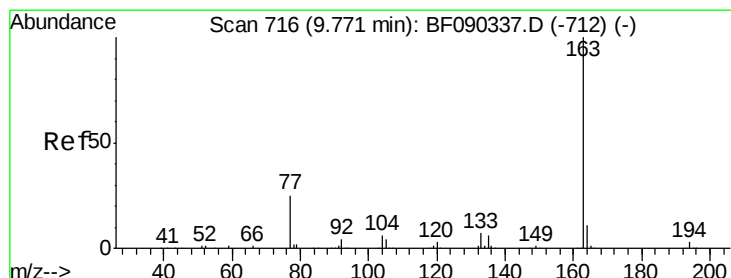
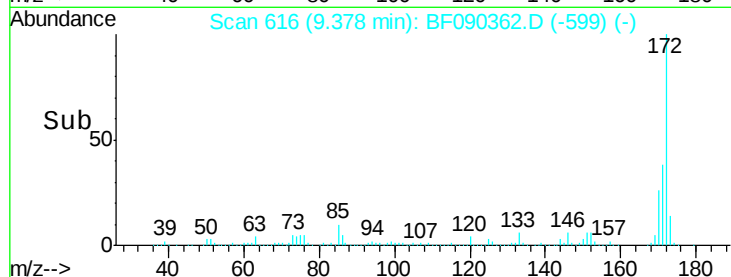
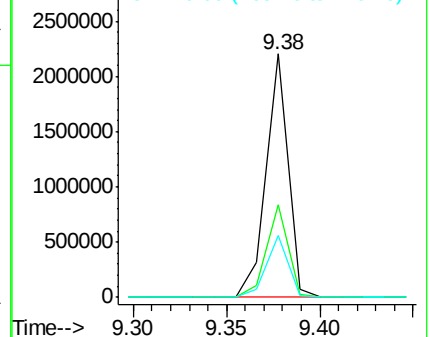
170 25.6 21.7 32.5



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: 27.19 ng

RT: 9.77 min Scan# 650

Delta R.T. -0.00 min

Lab File: BF090362.D

Acq: 5 Oct 2016 00:34

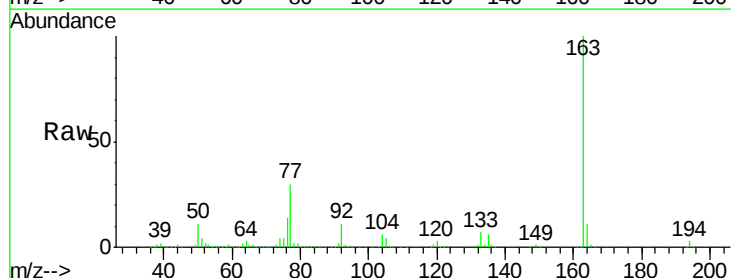
Tgt Ion:163 Resp: 581338

Ion Ratio Lower Upper

163 100

194 3.0 2.8 4.2

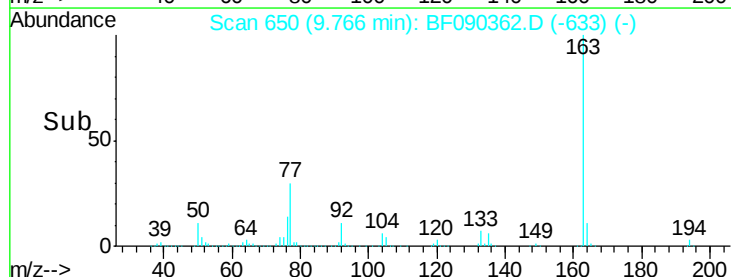
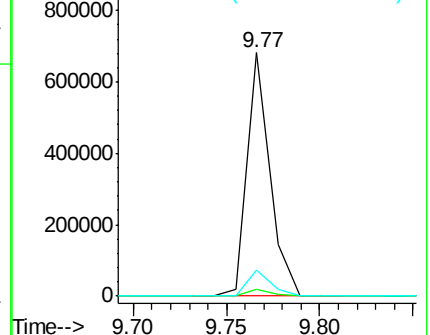
164 10.6 9.0 13.4

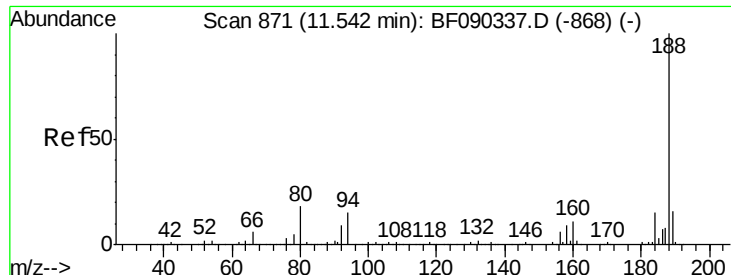


Abundance Ion 163.00 (162.70 to 163.70): E

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. 0.01 min

Lab File: BF090362.D

Acq: 5 Oct 2016 00:34

Instrument :

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PA-1

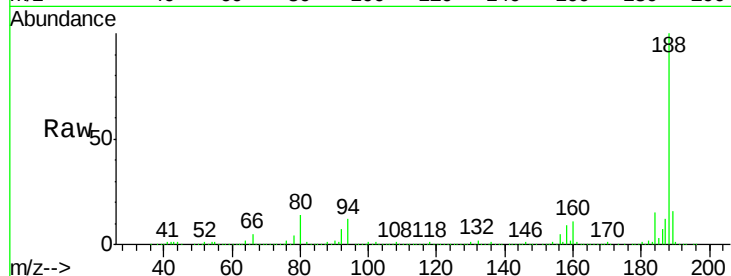
Tgt Ion:188 Resp: 648527

Ion Ratio Lower Upper

188 100

94 12.3 8.2 12.2#

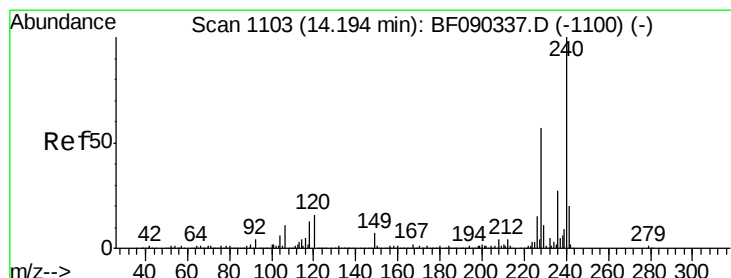
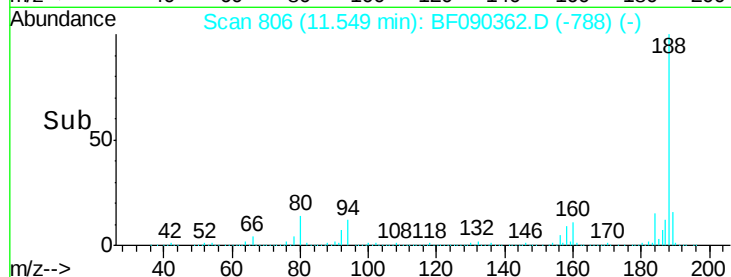
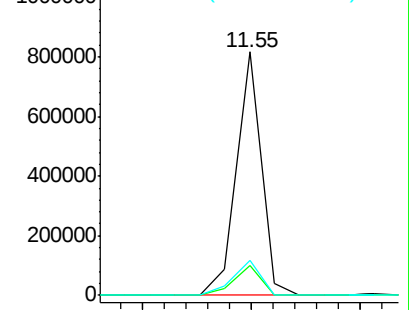
80 14.4 8.8 13.2#



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.20 min Scan# 1038

Delta R.T. 0.01 min

Lab File: BF090362.D

Acq: 5 Oct 2016 00:34

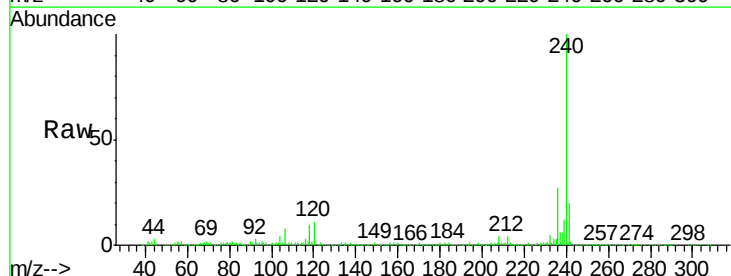
Tgt Ion:240 Resp: 640504

Ion Ratio Lower Upper

240 100

120 11.4 8.6 13.0

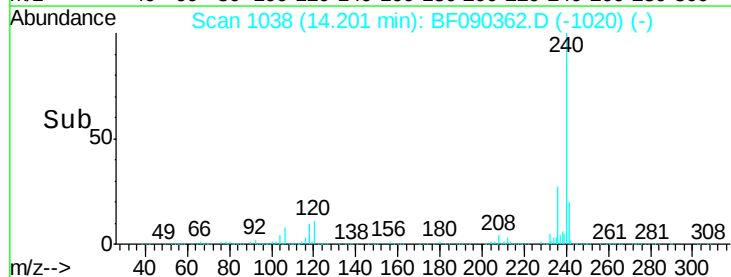
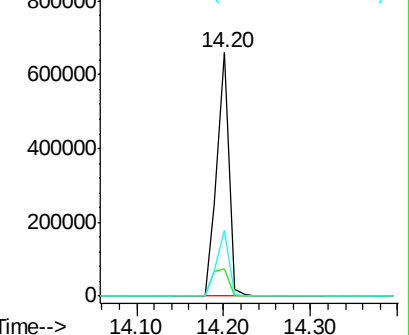
236 26.9 21.6 32.4

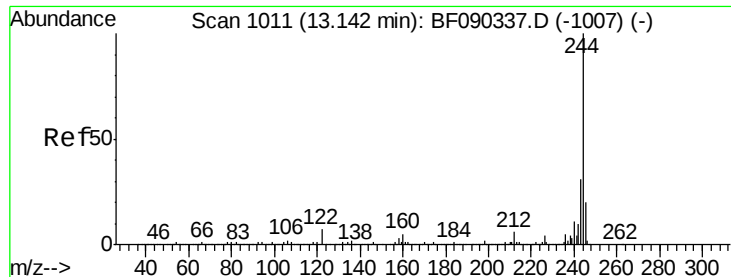


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

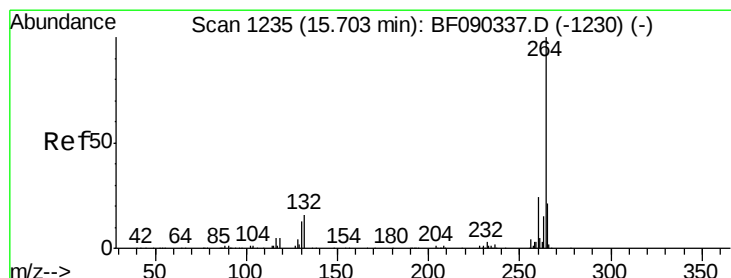
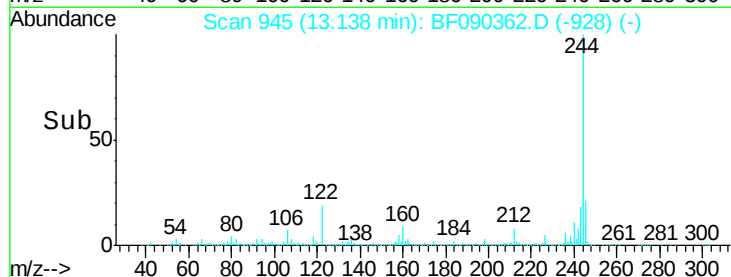
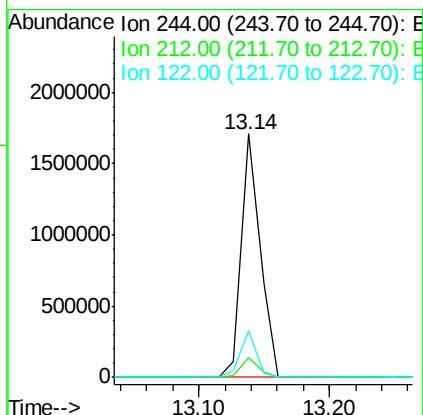
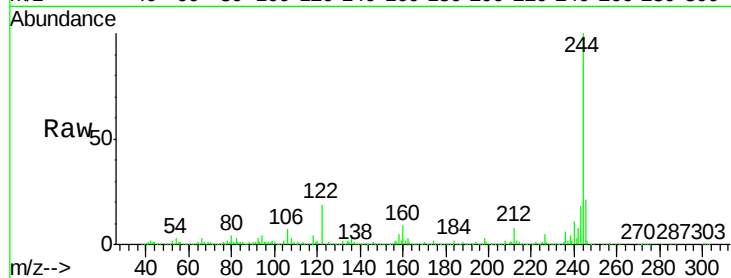




#78
 Terphenyl-d14
 Concen: 62.12 ng
 RT: 13.14 min Scan# 945
 Delta R.T. -0.00 min
 Lab File: BF090362.D
 Acq: 5 Oct 2016 00:34

Instrument :
 BNA_F
 ClientSampleId :
 PA-1

Tgt Ion:244 Resp: 1709063
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.8 10.2
 122 19.3 13.3 19.9



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.71 min Scan# 1170
 Delta R.T. 0.01 min
 Lab File: BF090362.D
 Acq: 5 Oct 2016 00:34

Tgt Ion:264 Resp: 491406
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.3 28.9
 265 22.1 17.4 26.0

