

Data Path : Z:\HPCHEM1\BNA E\DATA\BE091615\
 Data File : BE090844.D
 Acq On : 16 Sep 2015 15:10
 Operator : UM/IZ
 Sample : G3677-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 091415-D534-F-D-B

Quant Time: Sep 17 01:14:04 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 11:40:50 2015
 Response via : Initial Calibration

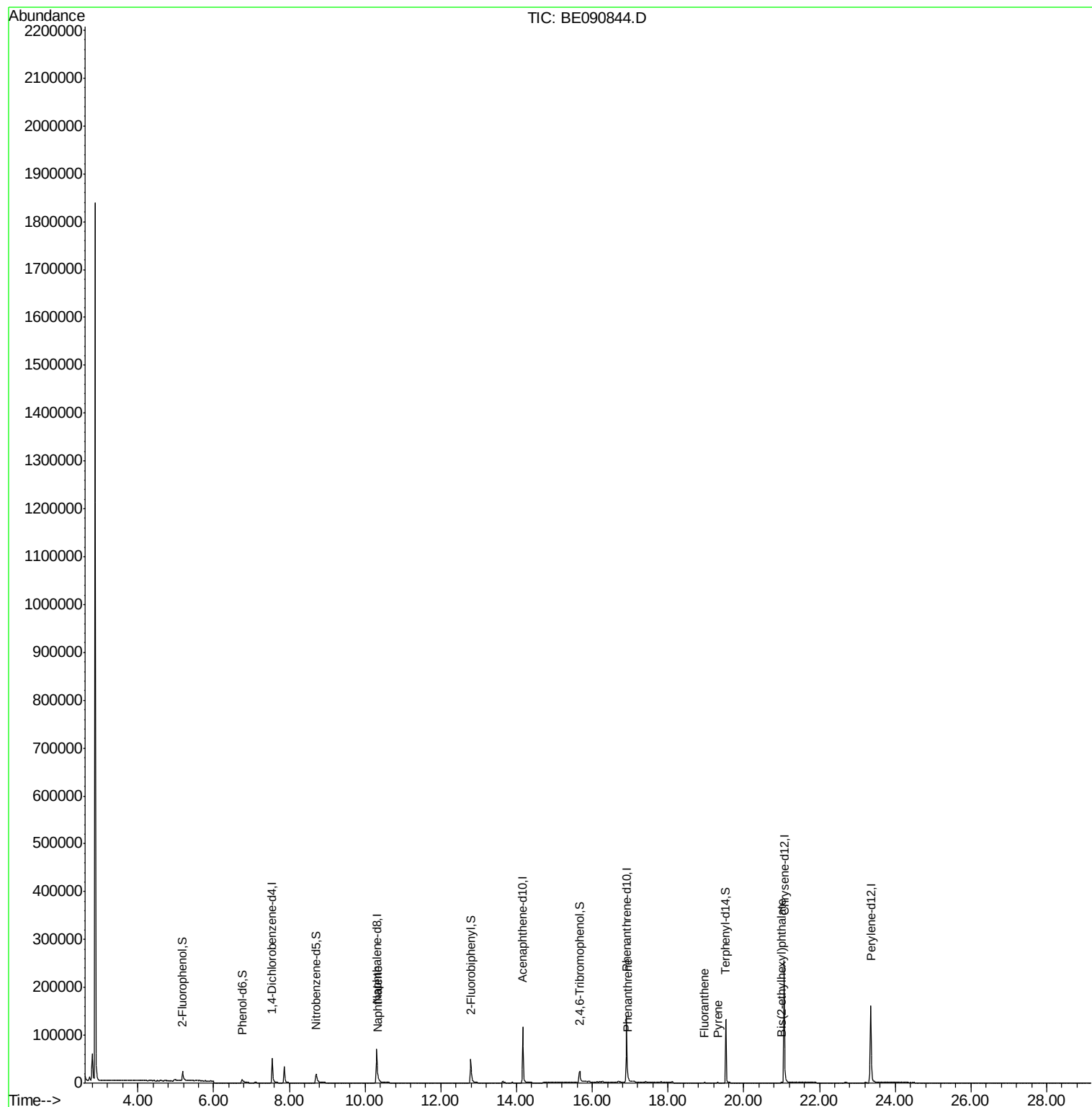
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	31406	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	138790	5.00	ng	0.00
12) Acenaphthene-d10	14.17	164	74397	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	192582	5.00	ng	0.00
25) Chrysene-d12	21.07	240	253650	5.00	ng	0.00
32) Perylene-d12	23.35	264	235960	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	22236	3.64	ng	0.00
5) Phenol-d6	6.75	99	17784	2.03	ng	0.00
7) Nitrobenzene-d5	8.71	82	33569	3.66	ng	0.00
13) 2,4,6-Tribromophenol	15.67	330	14208	6.53	ng	0.00
14) 2-Fluorobiphenyl	12.79	172	76192	3.70	ng	0.00
27) Terphenyl-d14	19.53	244	148395	5.29	ng	-0.01
Target Compounds						
9) Naphthalene	10.35	128	2026	0.07	ng	# 83
22) Phenanthrene	16.94	178	3934	0.08	ng	# 95
24) Fluoranthene	18.96	202	1131	0.02	ng	# 93
26) Pyrene	19.32	202	1583	0.03	ng	97
30) Bis(2-ethylhexyl)phthalate	20.99	149	1831	0.19	ng	100

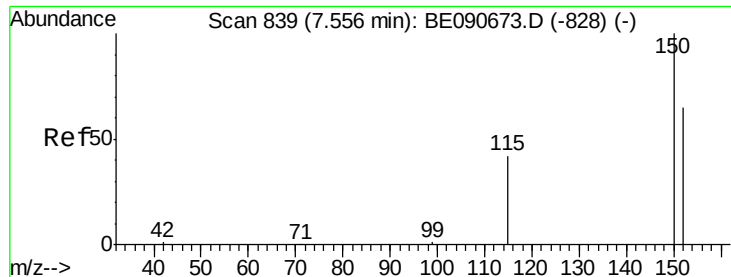
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



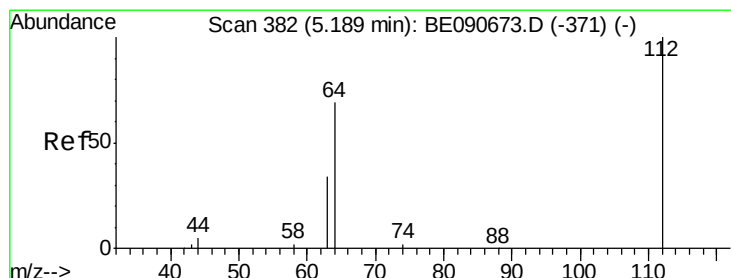
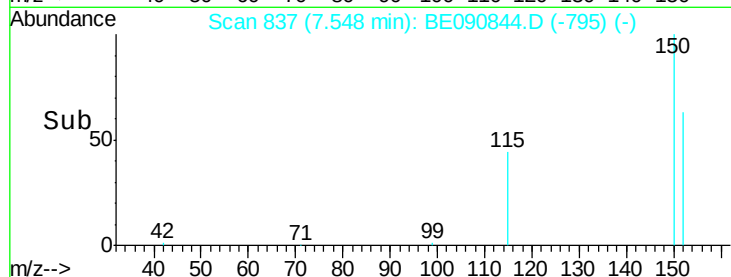
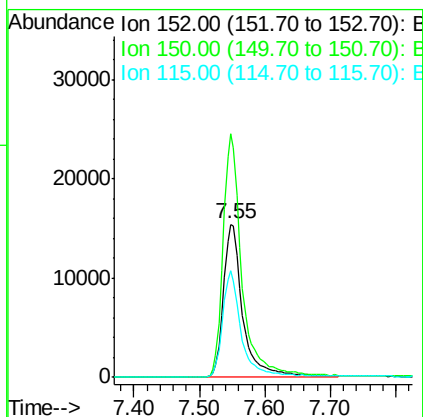
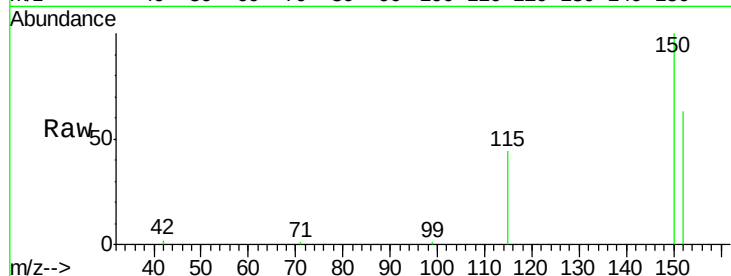


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.55 min Scan# 837
Delta R.T. -0.01 min
Lab File: BE090844.D
Acq: 16 Sep 2015 15:10

Instrument :
BNA_E
ClientSampleId :
091415-D534-F-D-B

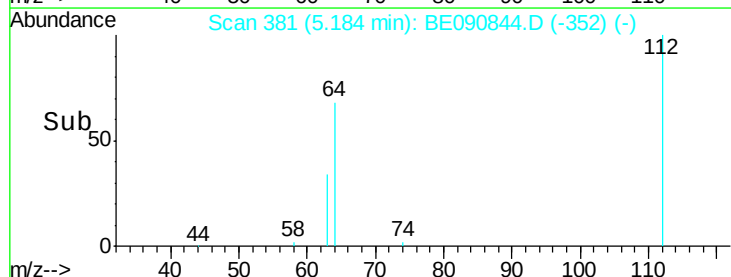
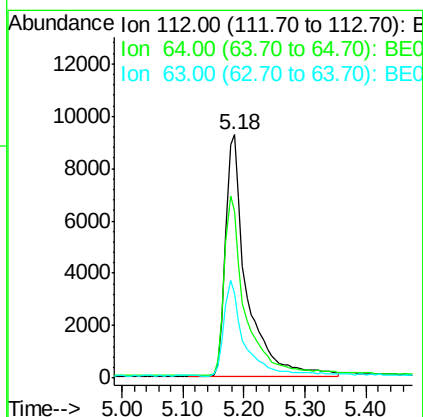
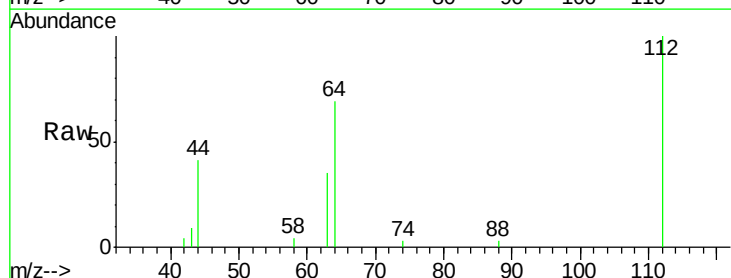
Tot Ion:152 Resp: 31406
Ion Ratio Lower Upper
152 100
150 158.9 122.2 183.4
115 69.5 51.0 76.4

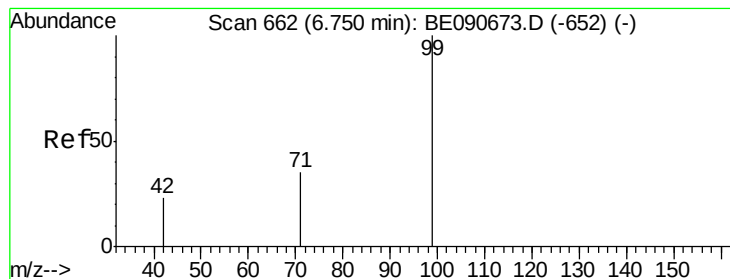


#4

2-Fluorophenol
Concen: 3.64 ng
RT: 5.18 min Scan# 381
Delta R.T. -0.00 min
Lab File: BE090844.D
Acq: 16 Sep 2015 15:10

Tgt Ion:112 Resp: 22236
Ion Ratio Lower Upper
112 100
64 73.2 57.3 85.9
63 38.1 29.2 43.8





#5

Phenol-d6

Concen: 2.03 ng

RT: 6.75 min Scan# 662

Delta R.T. 0.00 min

Lab File: BE090844.D

Acq: 16 Sep 2015 15:10

Instrument :

BNA_E

ClientSampleId :

091415-D534-F-D-B

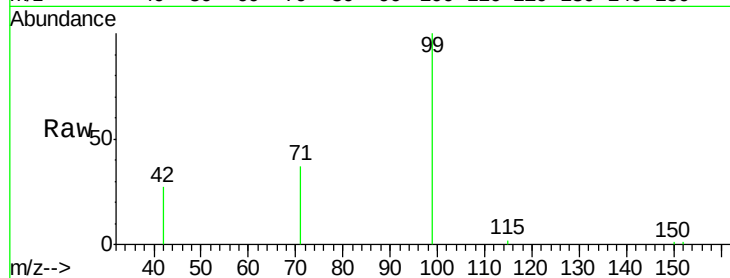
Tot Ion: 99 Resp: 17784

Ion Ratio Lower Upper

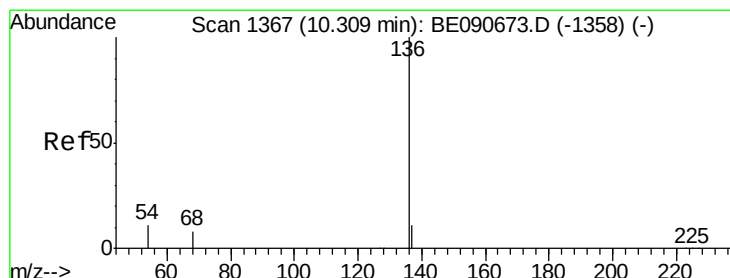
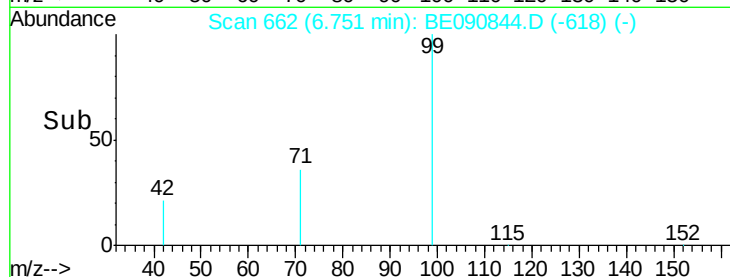
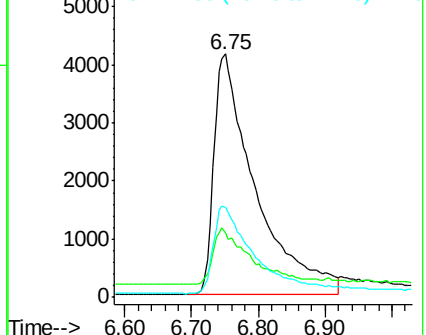
99 100

42 22.1 16.8 25.2

71 36.6 28.3 42.5



Abundance Ion 99.00 (98.70 to 99.70): BE0
Ion 42.00 (41.70 to 42.70): BE0
Ion 71.00 (70.70 to 71.70): BE0



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.31 min Scan# 1367

Delta R.T. 0.00 min

Lab File: BE090844.D

Acq: 16 Sep 2015 15:10

Tgt Ion: 136 Resp: 138790

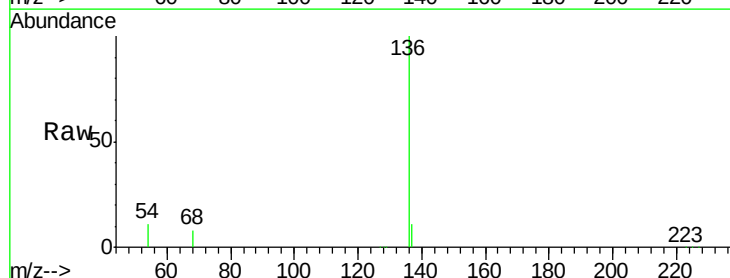
Ion Ratio Lower Upper

136 100

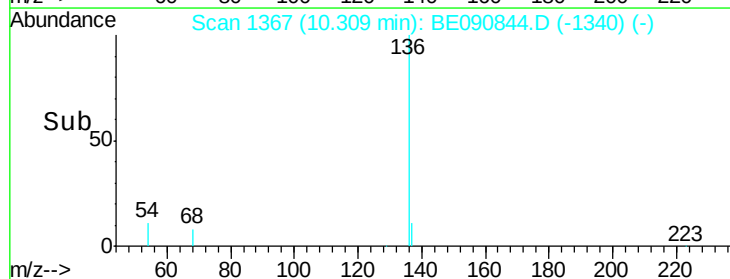
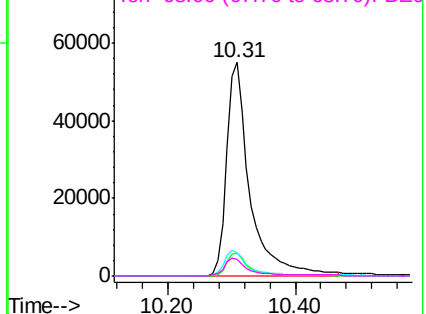
137 11.0 8.7 13.1

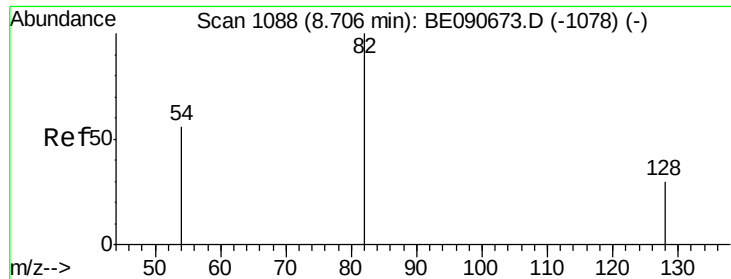
54 11.0 9.0 13.6

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): BE0
Ion 68.00 (67.70 to 68.70): BE0





#7

Nitrobenzene-d5

Concen: 3.66 ng

RT: 8.71 min Scan# 1088

Delta R.T. 0.00 min

Lab File: BE090844.D

Acq: 16 Sep 2015 15:10

Instrument :

BNA_E

ClientSampleId :

091415-D534-F-D-B

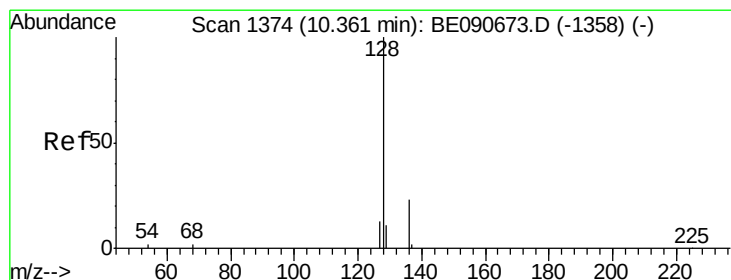
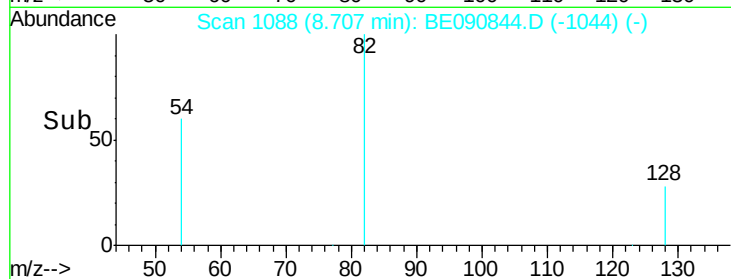
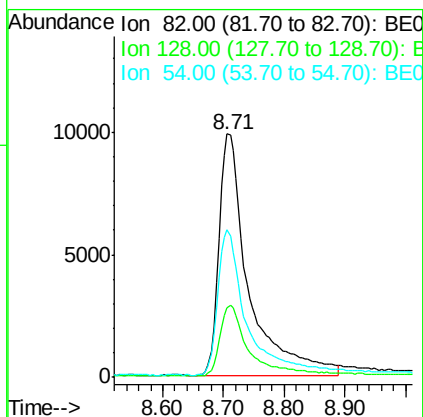
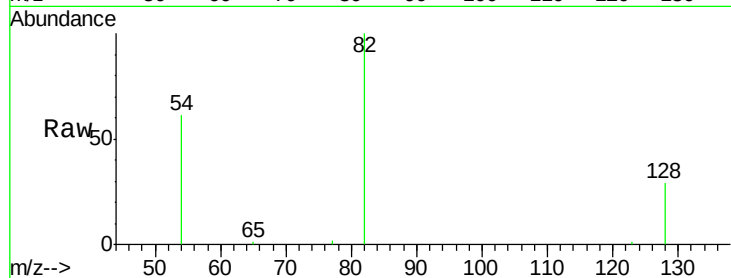
Tot Ion: 82 Resp: 33569

Ion Ratio Lower Upper

82 100

128 28.6 25.0 37.4

54 60.8 46.3 69.5



#9

Naphthalene

Concen: 0.07 ng

RT: 10.35 min Scan# 1373

Delta R.T. -0.01 min

Lab File: BE090844.D

Acq: 16 Sep 2015 15:10

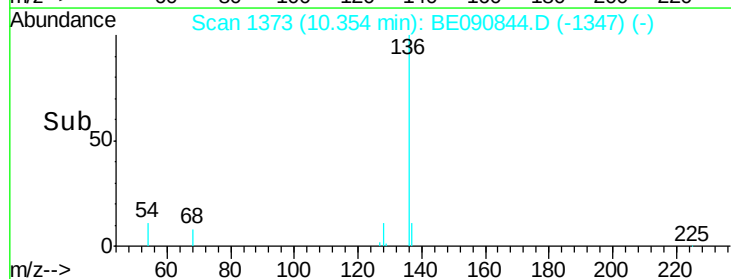
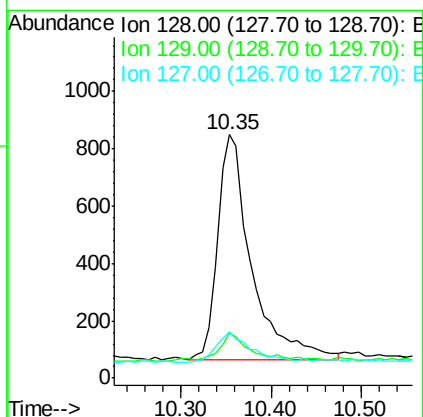
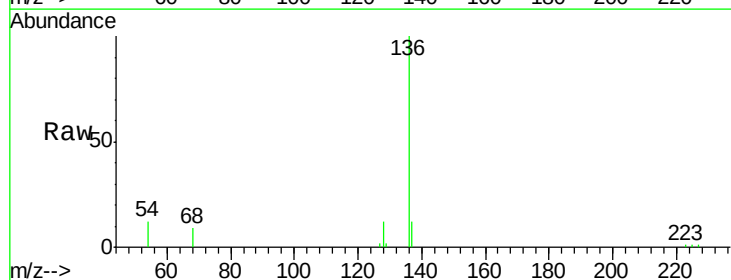
Tgt Ion: 128 Resp: 2026

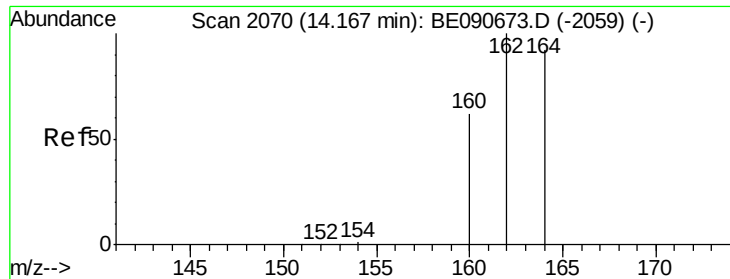
Ion Ratio Lower Upper

128 100

129 18.6 9.0 13.6#

127 19.2 10.6 15.8#





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.17 min Scan# 2070

Delta R.T. 0.00 min

Lab File: BE090844.D

Acq: 16 Sep 2015 15:10

Instrument :

BNA_E

ClientSampleId :

091415-D534-F-D-B

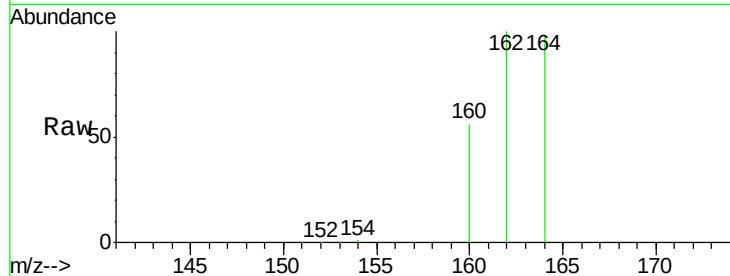
Tot Ion:164 Resp: 74397

Ion Ratio Lower Upper

164 100

162 102.3 86.8 130.2

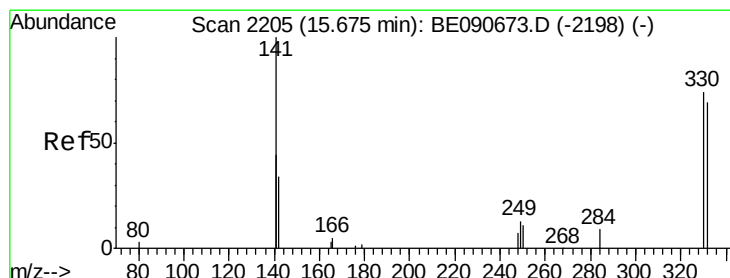
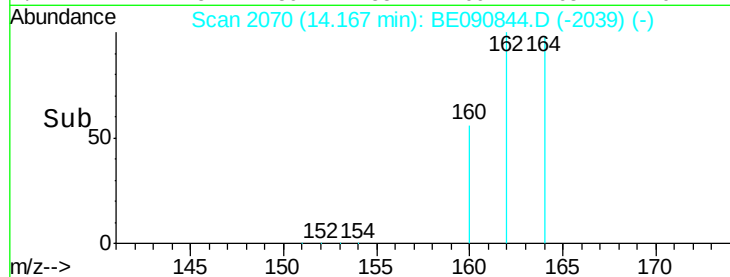
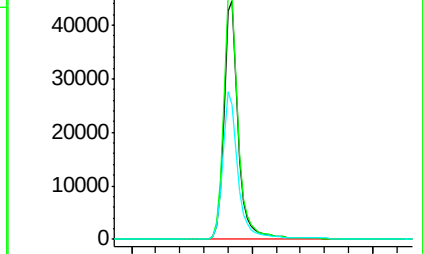
160 56.9 53.9 80.9



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



#13

2,4,6-Tribromophenol

Concen: 6.53 ng

RT: 15.67 min Scan# 2204

Delta R.T. -0.00 min

Lab File: BE090844.D

Acq: 16 Sep 2015 15:10

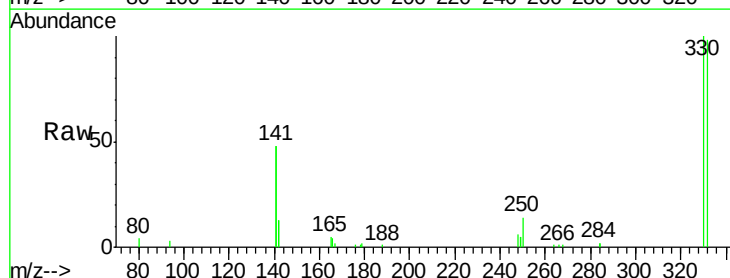
Tgt Ion:330 Resp: 14208

Ion Ratio Lower Upper

330 100

332 96.8 74.9 112.3

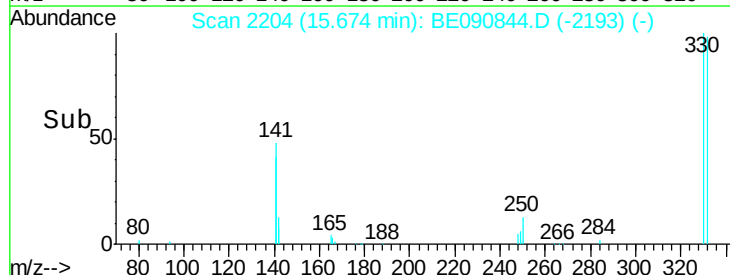
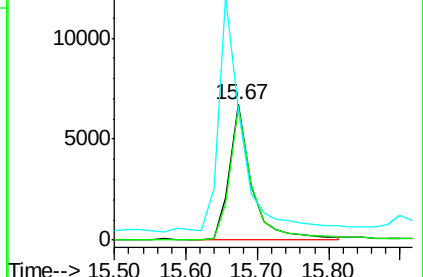
141 186.6 145.2 217.8

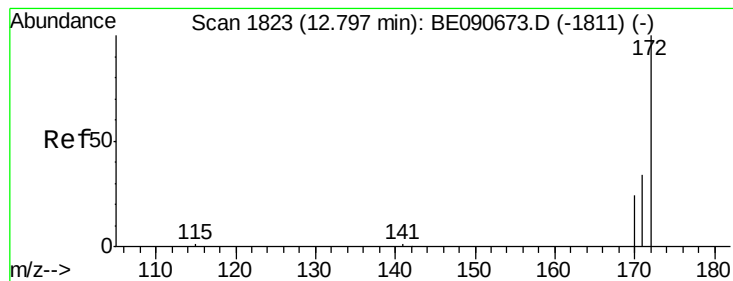


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#14

2-Fluorobiphenyl

Concen: 3.70 ng

RT: 12.79 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BE090844.D

Acq: 16 Sep 2015 15:10

Instrument :

BNA_E

ClientSampleId :

091415-D534-F-D-B

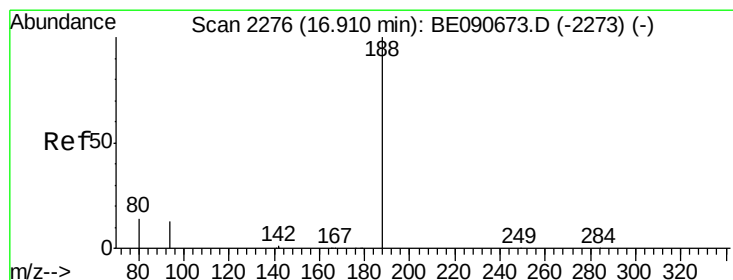
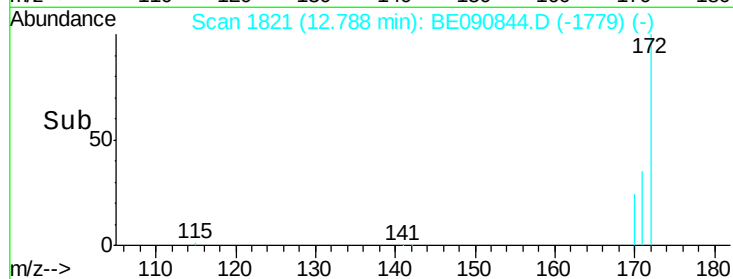
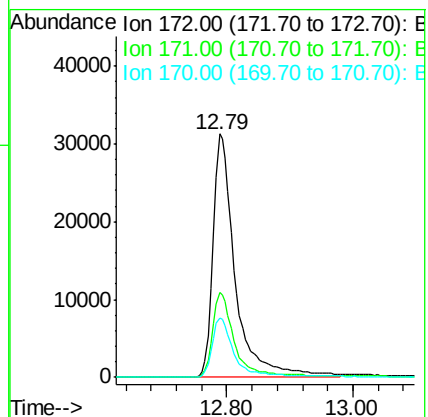
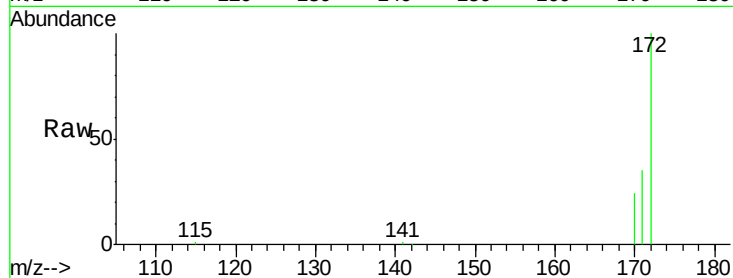
Tot Ion:172 Resp: 76192

Ion Ratio Lower Upper

172 100

171 35.1 27.8 41.8

170 24.4 19.8 29.6



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.91 min Scan# 2275

Delta R.T. -0.00 min

Lab File: BE090844.D

Acq: 16 Sep 2015 15:10

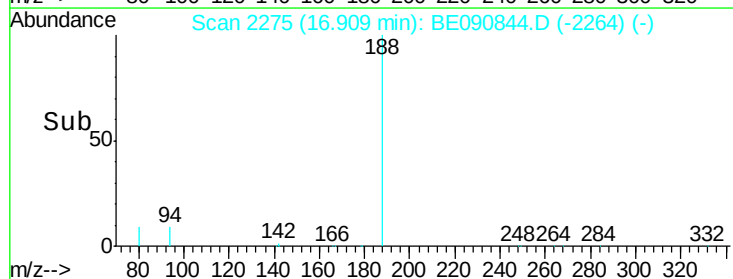
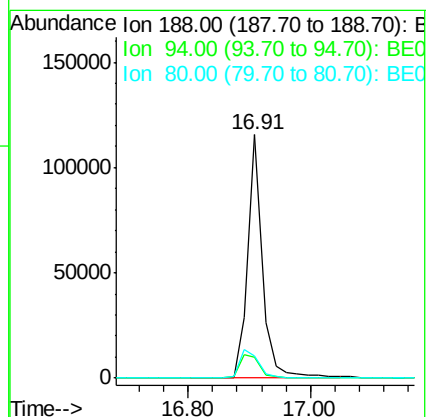
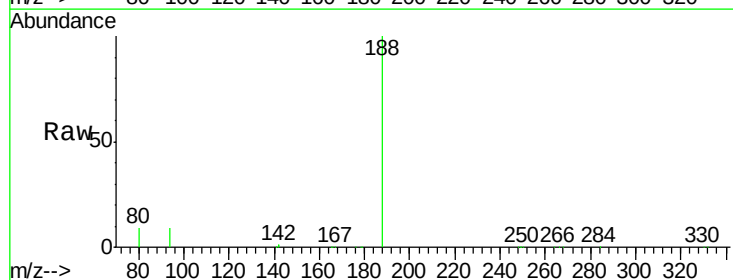
Tgt Ion:188 Resp: 192582

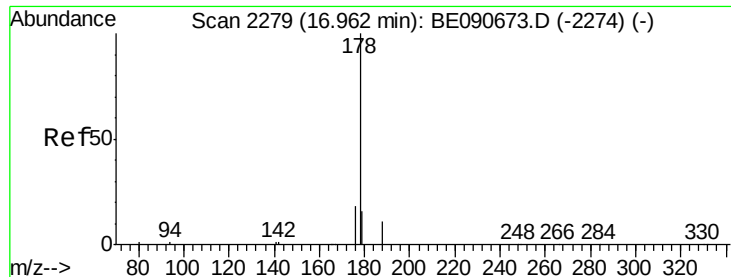
Ion Ratio Lower Upper

188 100

94 8.7 10.3 15.5#

80 9.2 11.0 16.6#





#22

Phenanthrene

Concen: 0.08 ng

RT: 16.94 min Scan# 2277

Delta R.T. -0.02 min

Lab File: BE090844.D

Acq: 16 Sep 2015 15:10

Instrument :

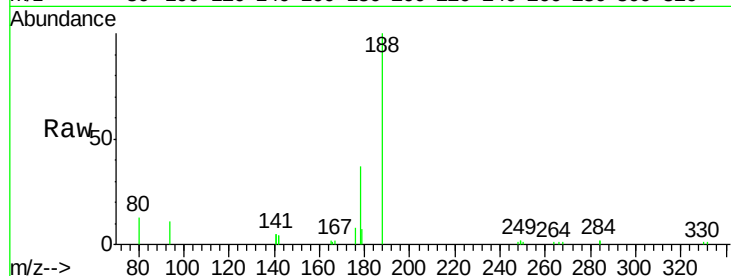
BNA_E

ClientSampleId :

091415-D534-F-D-B

Tot Ion:178 Resp: 3934

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.6	23.4
179	20.6	12.8	19.2

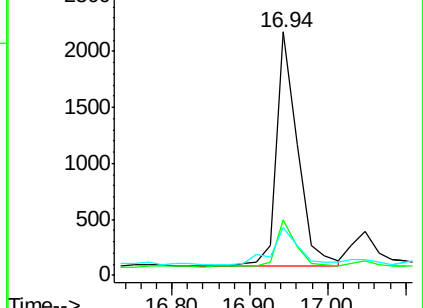
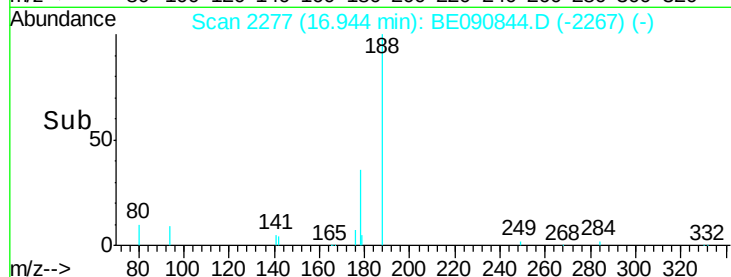


Abundance

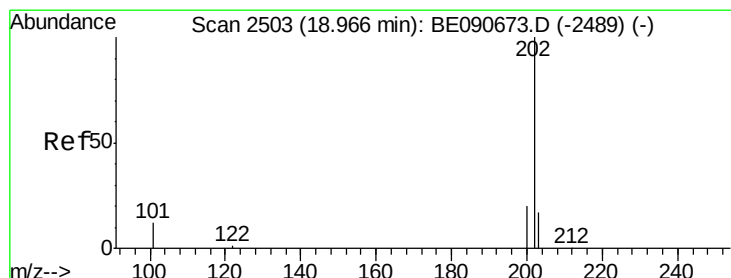
Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#24

Fluoranthene

Concen: 0.02 ng

RT: 18.96 min Scan# 2500

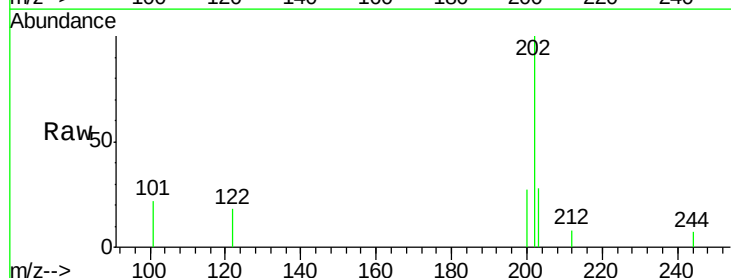
Delta R.T. -0.01 min

Lab File: BE090844.D

Acq: 16 Sep 2015 15:10

Tgt Ion:202 Resp: 1131

Ion	Ratio	Lower	Upper
202	100		
101	18.9	11.0	16.6
203	18.6	13.9	20.9

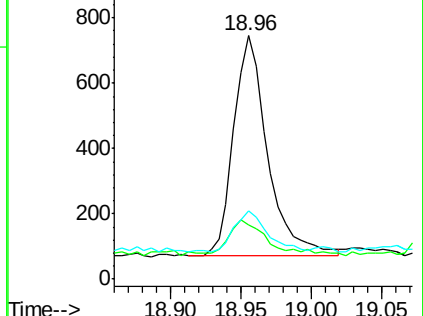
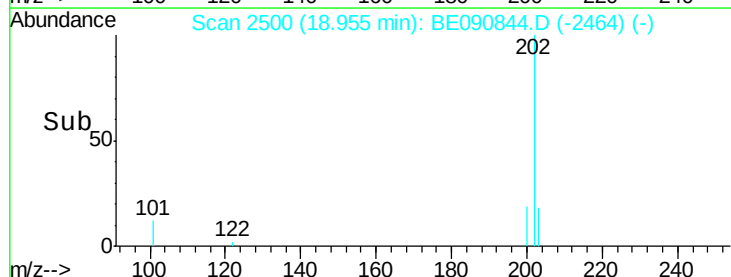


Abundance

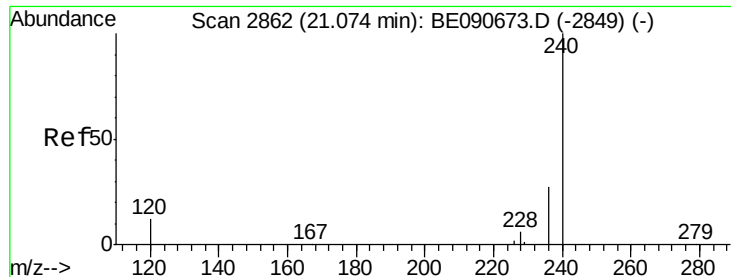
Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.07 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BE090844.D

Acq: 16 Sep 2015 15:10

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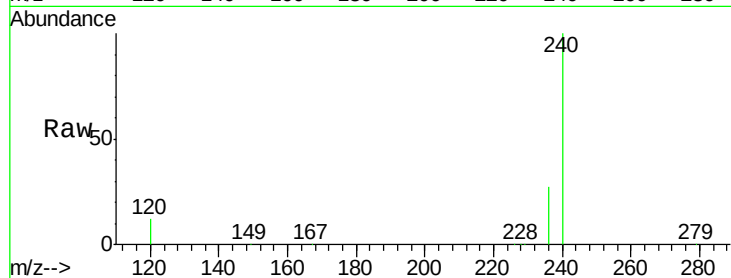
Tot Ion:240 Resp: 253650

Ion Ratio Lower Upper

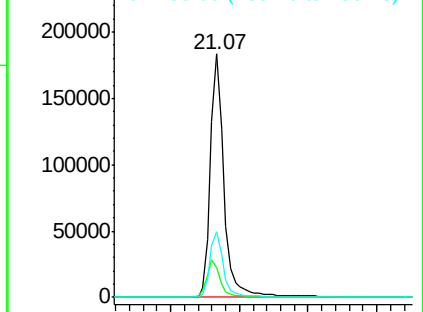
240 100

120 12.4 10.1 15.1

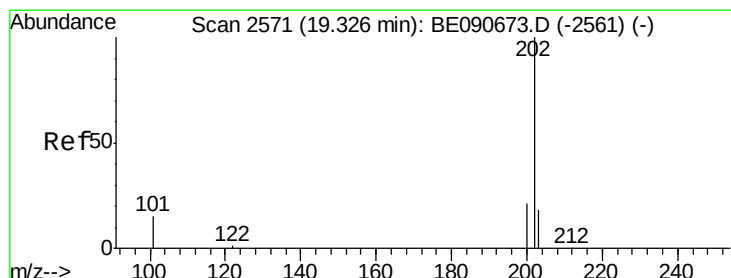
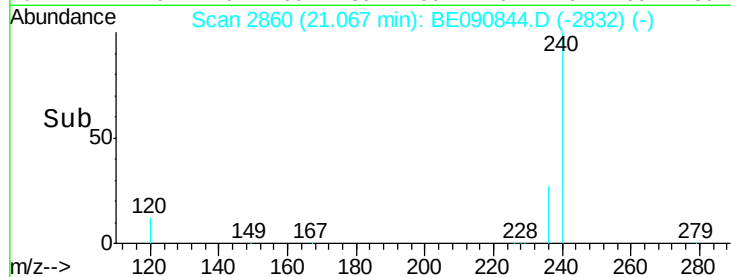
236 26.8 21.9 32.9



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



Time-->



#26

Pyrene

Concen: 0.03 ng

RT: 19.32 min Scan# 2568

Delta R.T. -0.01 min

Lab File: BE090844.D

Acq: 16 Sep 2015 15:10

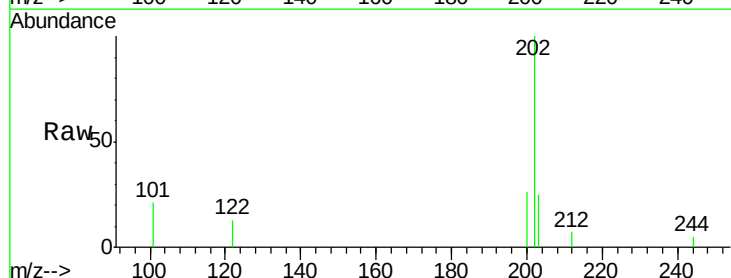
Tgt Ion:202 Resp: 1583

Ion Ratio Lower Upper

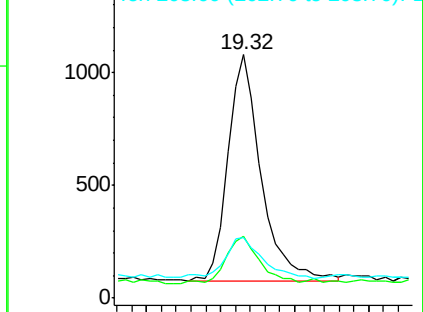
202 100

200 20.8 16.7 25.1

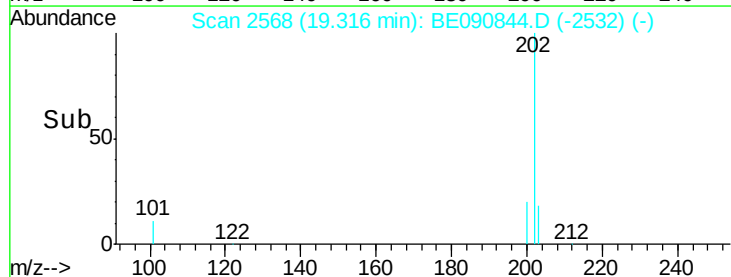
203 20.5 13.8 20.6

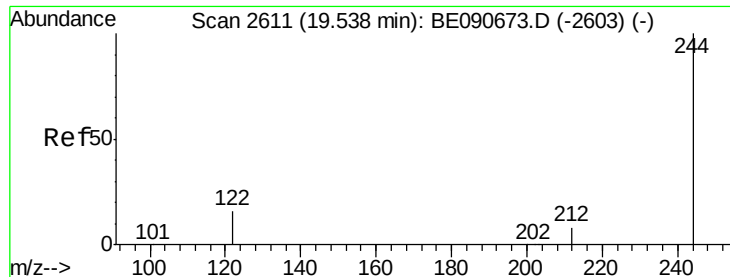


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->

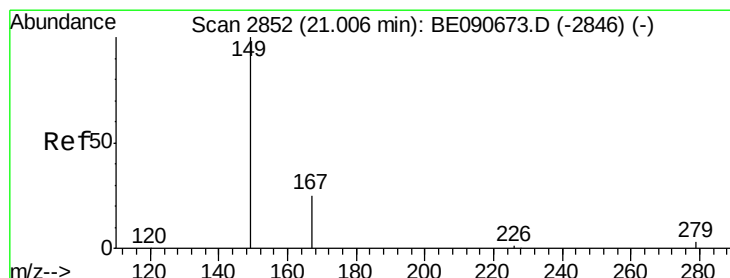
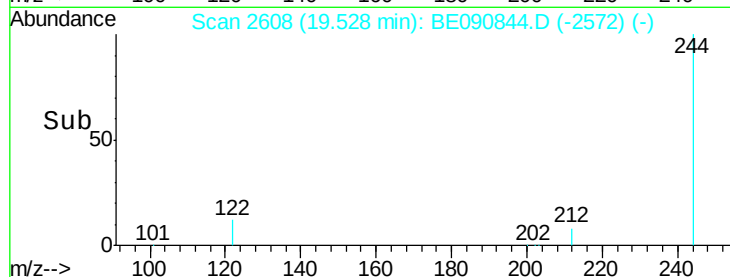
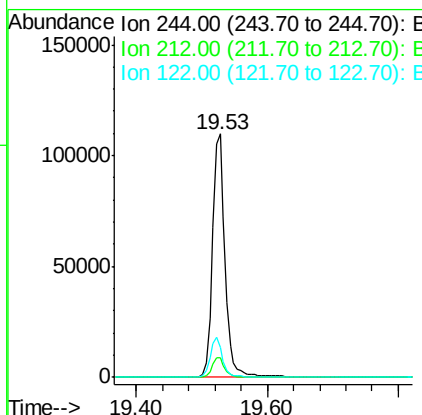
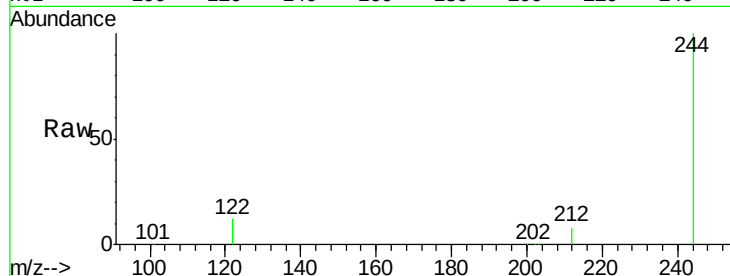




#27
 Terphenyl-d14
 Concen: 5.29 ng
 RT: 19.53 min Scan# 2608
 Delta R.T. -0.01 min
 Lab File: BE090844.D
 Acq: 16 Sep 2015 15:10

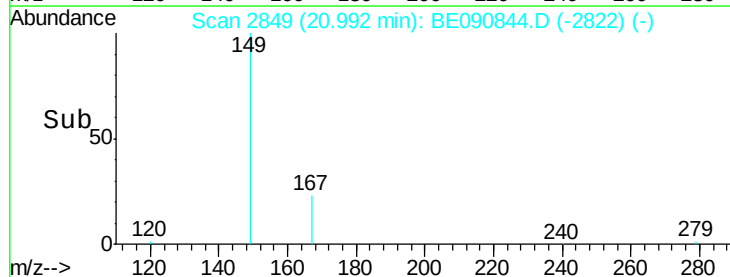
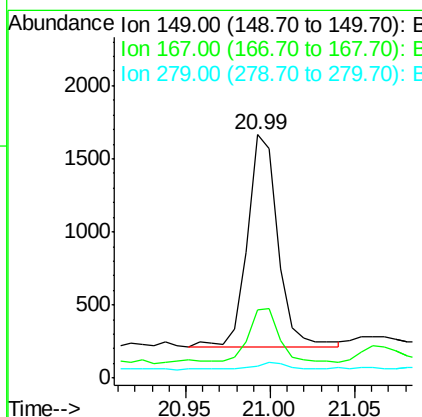
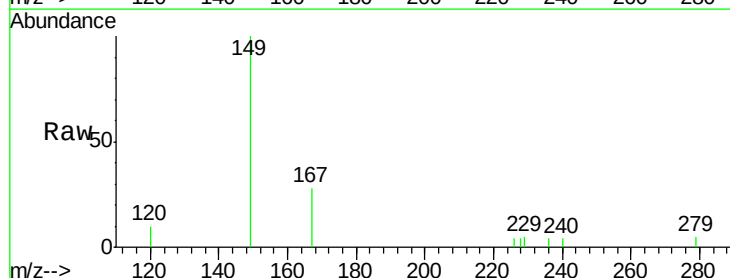
Instrument :
 BNA_E
 ClientSampleId :
 091415-D534-F-D-B

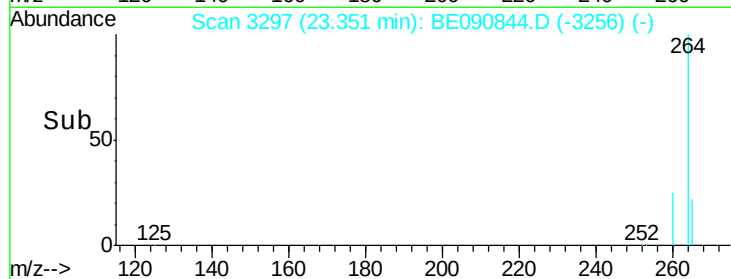
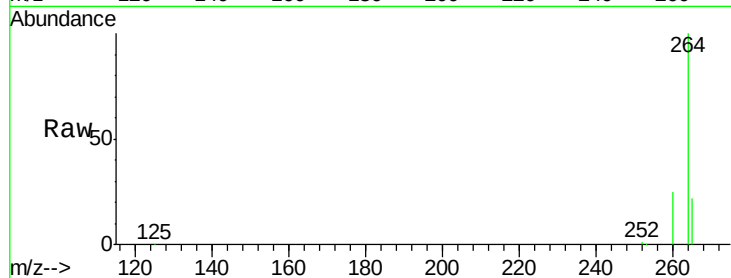
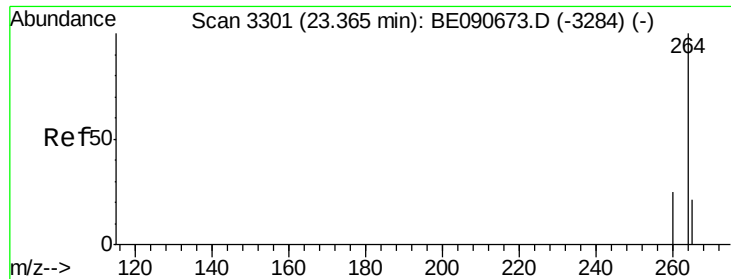
Tot Ion:244 Resp: 148395
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.9 10.3
 122 12.5 12.9 19.3#



#30
 Bis(2-ethylhexyl)phthalate
 Concen: 0.19 ng
 RT: 20.99 min Scan# 2849
 Delta R.T. -0.01 min
 Lab File: BE090844.D
 Acq: 16 Sep 2015 15:10

Tgt Ion:149 Resp: 1831
 Ion Ratio Lower Upper
 149 100
 167 25.3 20.1 30.1
 279 2.8 2.3 3.5





#32
 Pervlene-d12
 Concen: 5.00 ng
 RT: 23.35 min Scan# 3297
 Delta R.T. -0.01 min
 Lab File: BE090844.D
 Acq: 16 Sep 2015 15:10

Instrument :
 BNA_E
 ClientSampleId :
 091415-D534-F-D-B

Tot Ion: 264 Resp: 235960
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.7 29.5
 265 21.9 17.5 26.3

