

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080515\
 Data File : BE090389.D
 Acq On : 6 Aug 2015 14:46
 Operator : TP/UM
 Sample : G3174-06RE
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 080215-D506-F-D-SRE

Quant Time: Aug 06 15:34:36 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 06 12:28:08 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	25204	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	109822	5.00	ng	0.00
12) Acenaphthene-d10	14.20	164	63296	5.00	ng	0.00
18) Phenanthrene-d10	16.95	188	147528	5.00	ng	0.00
25) Chrysene-d12	21.10	240	182197	5.00	ng	0.00
32) Perylene-d12	23.40	264	172533	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.22	112	14267	3.77	ng	0.00
5) Phenol-d6	6.77	99	12491	1.72	ng	0.00
7) Nitrobenzene-d5	8.73	82	30505	3.48	ng	0.00
13) 2,4,6-Tribromophenol	15.69	330	15232	7.91	ng	-0.02
14) 2-Fluorobiphenyl	12.82	172	76577	4.40	ng	0.00
27) Terphenyl-d14	19.56	244	146304	5.45	ng	0.00

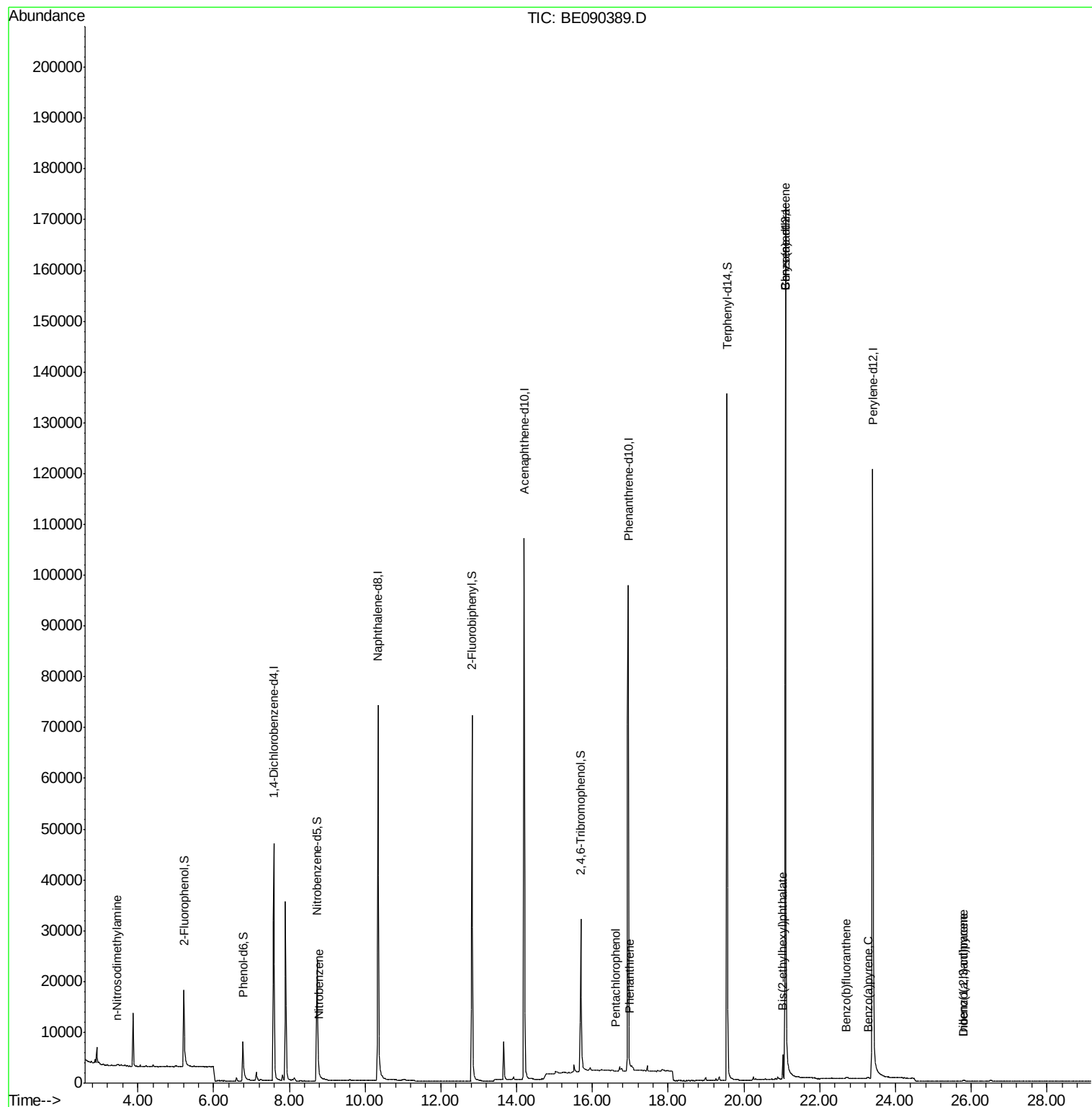
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.45	42	88	0.02	ng	# 1
8) Nitrobenzene	8.78	77	6	0.21	ng	# 25
10) Hexachlorobutadiene	10.65	225	1	Below Cal		# 1
21) Pentachlorophenol	16.61	266	22	0.11	ng	# 71
22) Phenanthrene	16.98	178	912	0.02	ng	# 78
28) Benzo(a)anthracene	21.09	228	994	0.02	ng	# 83
30) Bis(2-ethylhexyl)phthalate	21.03	149	4184	0.53	ng	# 98
31) Indeno(1,2,3-cd)pyrene	25.78	276	395	0.26	ng	# 83
33) Benzo(b)fluoranthene	22.70	252	547	0.21	ng	# 14
35) Benzo(a)pyrene	23.30	252	329	0.23	ng	# 1
36) Dibenzo(a,h)anthracene	25.81	278	268	0.29	ng	# 1

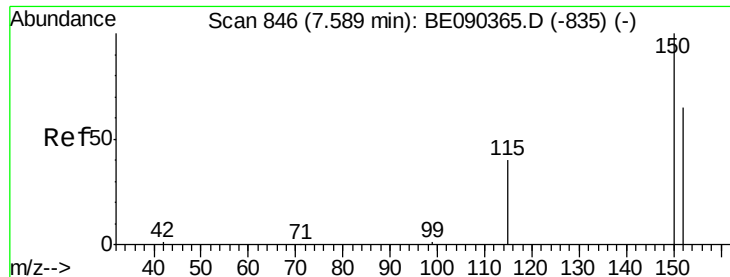
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080515\
Data File : BE090389.D
Acq On : 6 Aug 2015 14:46
Operator : TP/UM
Sample : G3174-06RE
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
080215-D506-F-D-SRE

Quant Time: Aug 06 15:34:36 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 12:28:08 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.58 min Scan# 845

Delta R.T. -0.01 min

Lab File: BE090389.D

Acq: 6 Aug 2015 14:46

Instrument :

BNA_E

ClientSampleId :

080215-D506-F-D-SRE

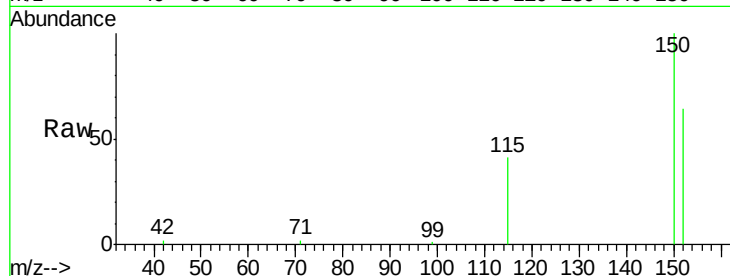
Tgt Ion:152 Resp: 25204

Ion Ratio Lower Upper

152 100

150 157.1 123.0 184.4

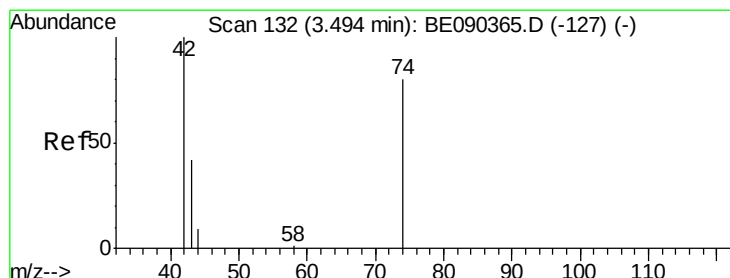
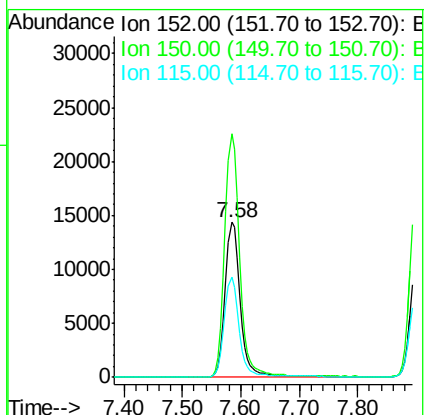
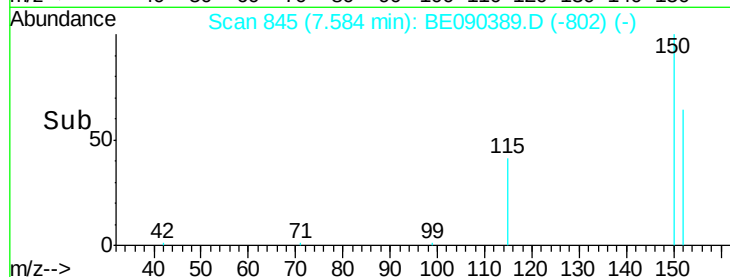
115 64.4 48.9 73.3



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



#3

n-Nitrosodimethylamine

Concen: 0.02 ng

RT: 3.45 min Scan# 125

Delta R.T. -0.05 min

Lab File: BE090389.D

Acq: 6 Aug 2015 14:46

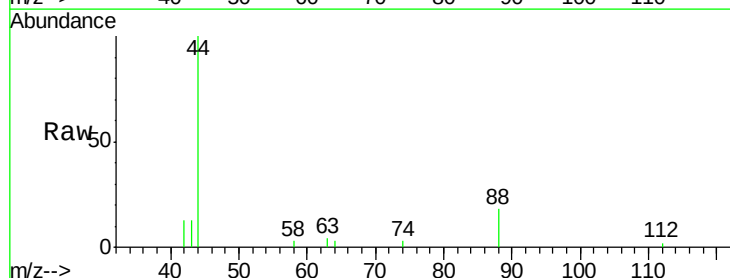
Tgt Ion: 42 Resp: 88

Ion Ratio Lower Upper

42 100

74 10.2 75.2 112.8#

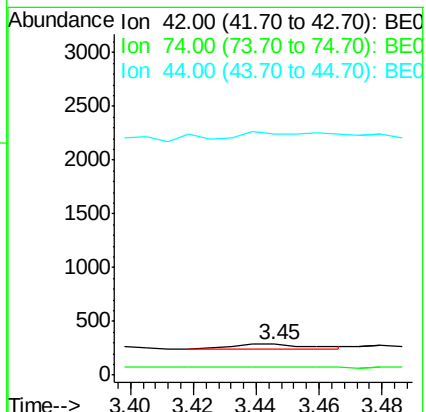
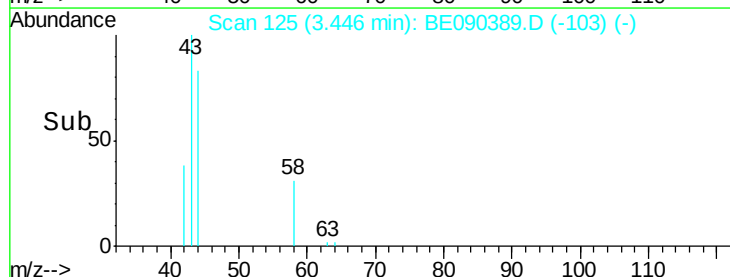
44 180.7 8.7 13.1#

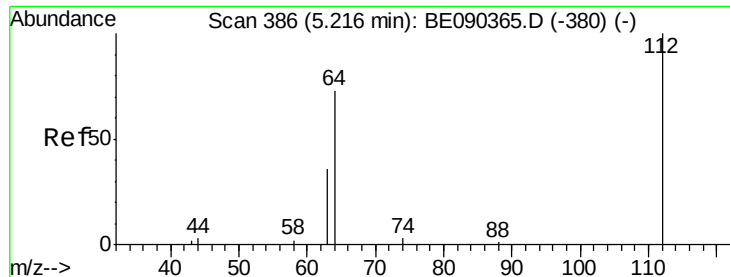


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 3.77 ng

RT: 5.22 min Scan# 386

Delta R.T. -0.00 min

Lab File: BE090389.D

Acq: 6 Aug 2015 14:46

Instrument :

BNA_E

ClientSampleId :

080215-D506-F-D-SRE

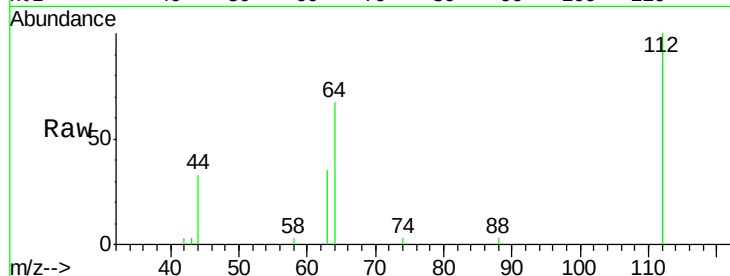
Tgt Ion: 112 Resp: 14267

Ion Ratio Lower Upper

112 100

64 70.7 37.1 55.7#

63 36.8 19.5 29.3#

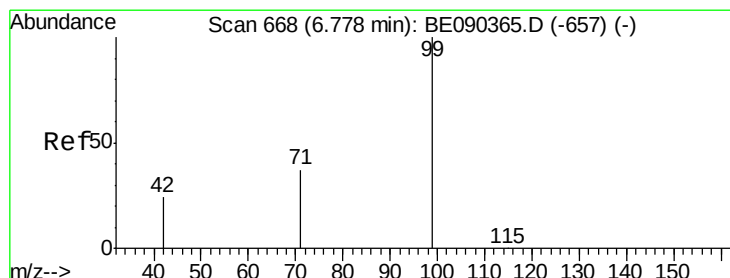
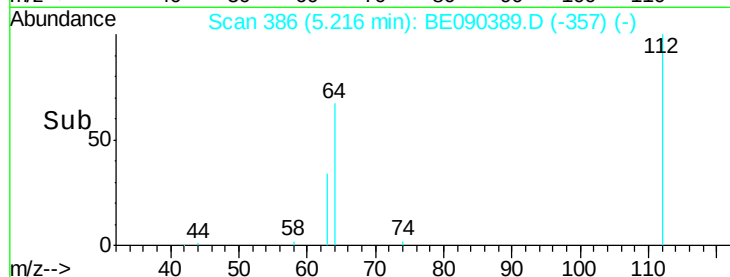


Abundance Ion 112.00 (111.70 to 112.70): BE090365.D (-380) (-)

Ion 64.00 (63.70 to 64.70): BE090365.D (-380) (-)

Ion 63.00 (62.70 to 63.70): BE090365.D (-380) (-)

Time-->



#5

Phenol-d6

Concen: 1.72 ng

RT: 6.77 min Scan# 667

Delta R.T. -0.00 min

Lab File: BE090389.D

Acq: 6 Aug 2015 14:46

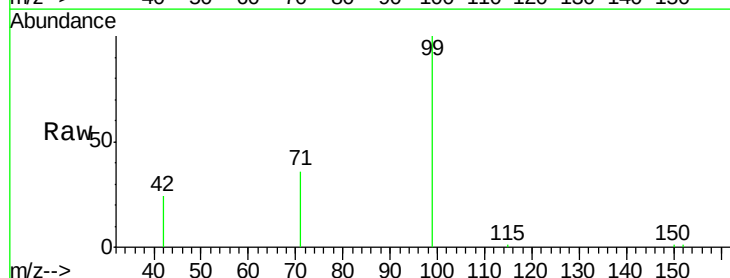
Tgt Ion: 99 Resp: 12491

Ion Ratio Lower Upper

99 100

42 21.9 18.2 27.4

71 36.9 27.4 41.0

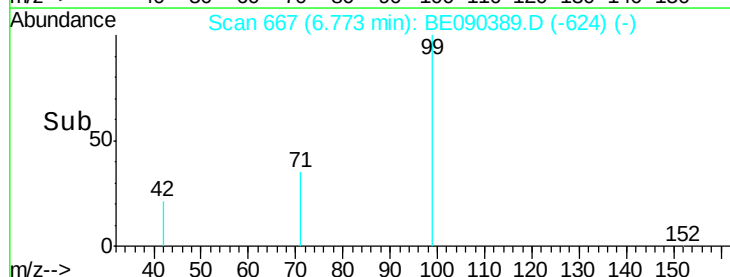


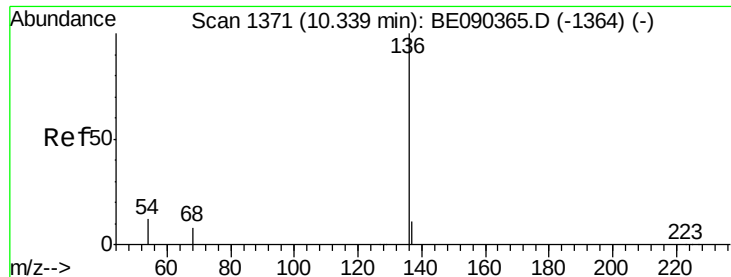
Abundance Ion 99.00 (98.70 to 99.70): BE090365.D (-657) (-)

Ion 42.00 (41.70 to 42.70): BE090365.D (-657) (-)

Ion 71.00 (70.70 to 71.70): BE090365.D (-657) (-)

Time-->

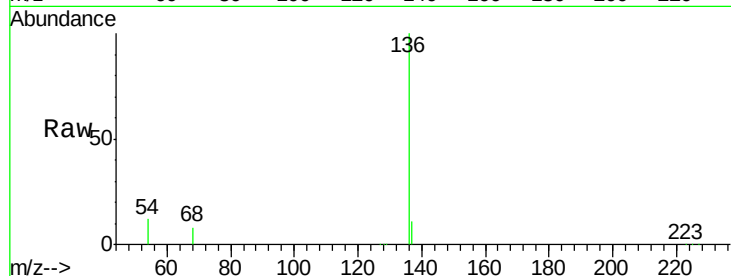




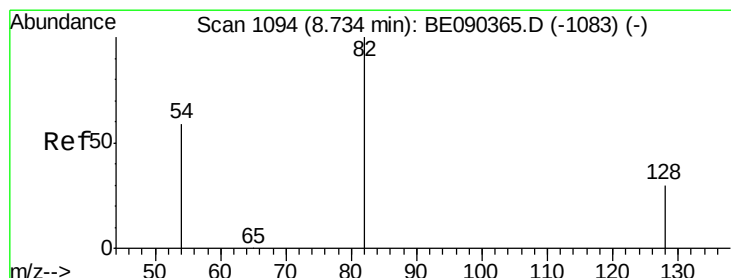
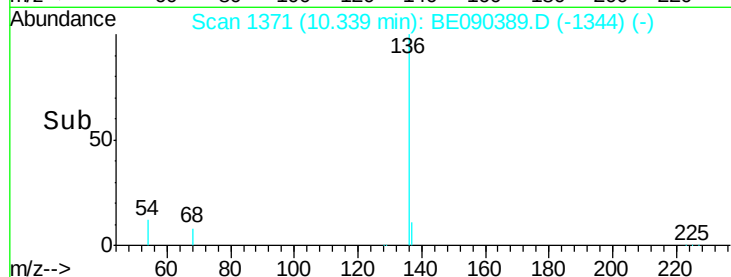
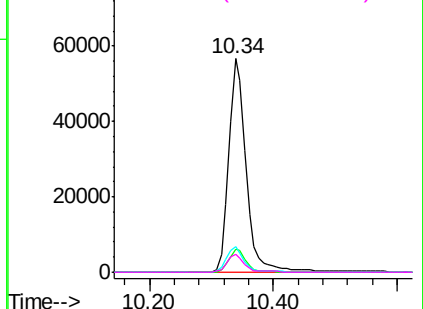
#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.34 min Scan# 1371
Delta R.T. -0.00 min
Lab File: BE090389.D
Acq: 6 Aug 2015 14:46

Instrument :
BNA_E
ClientSampleId :
080215-D506-F-D-SRE

Tgt Ion:	136	Resp:	109822
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	11.8	9.4	14.0
68	8.3	6.5	9.7

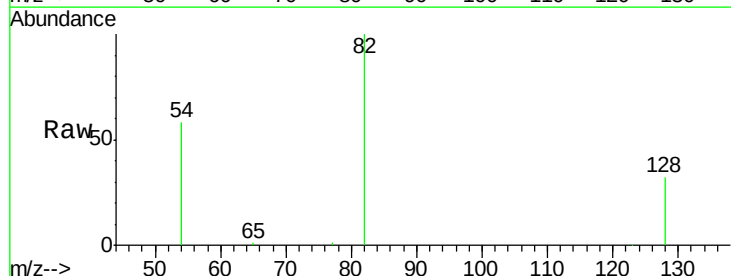


Abundance Ion 136.00 (135.70 to 136.70): BE090389.D (-1364) (-)
Ion 137.00 (136.70 to 137.70): BE090389.D (-1364) (-)
Ion 54.00 (53.70 to 54.70): BE090389.D (-1364) (-)
Ion 68.00 (67.70 to 68.70): BE090389.D (-1364) (-)

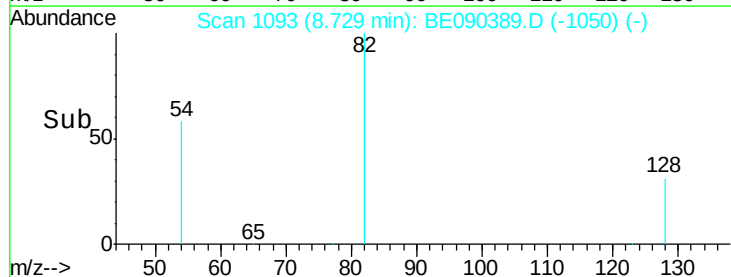
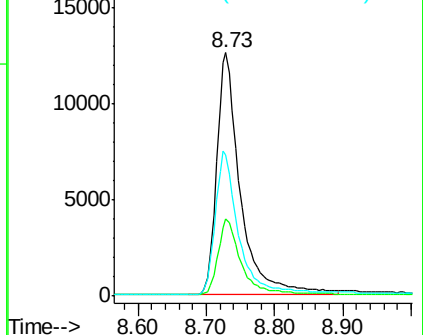


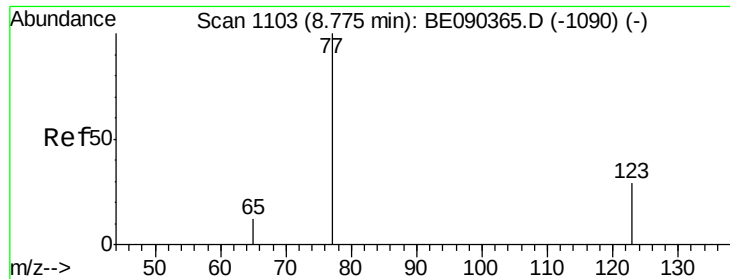
#7
Nitrobenzene-d5
Concen: 3.48 ng
RT: 8.73 min Scan# 1093
Delta R.T. -0.00 min
Lab File: BE090389.D
Acq: 6 Aug 2015 14:46

Tgt Ion:	82	Resp:	30505
Ion	Ratio	Lower	Upper
82	100		
128	31.6	25.0	37.6
54	57.8	48.8	73.2



Abundance Ion 82.00 (81.70 to 82.70): BE090389.D (-1050) (-)
Ion 128.00 (127.70 to 128.70): BE090389.D (-1050) (-)
Ion 54.00 (53.70 to 54.70): BE090389.D (-1050) (-)





#8

Nitrobenzene

Concen: 0.21 ng

RT: 8.78 min Scan# 1104

Delta R.T. 0.01 min

Lab File: BE090389.D

Acq: 6 Aug 2015 14:46

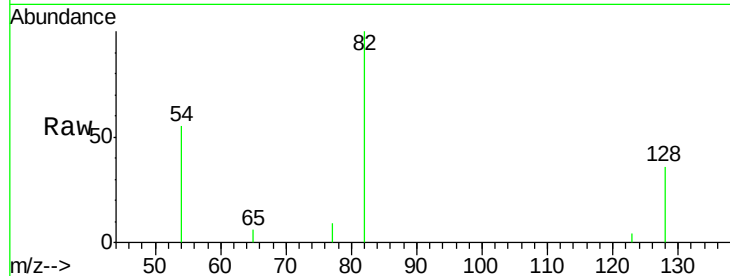
Instrument :

BNA_E

ClientSampleId :

080215-D506-F-D-SRE

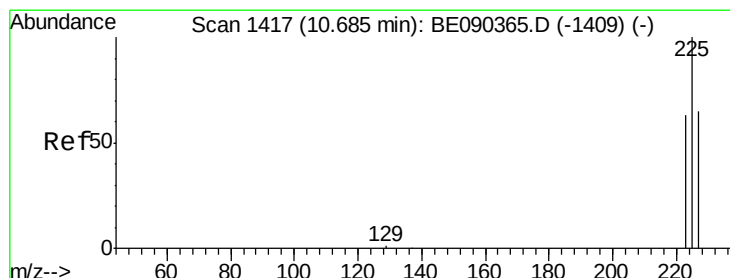
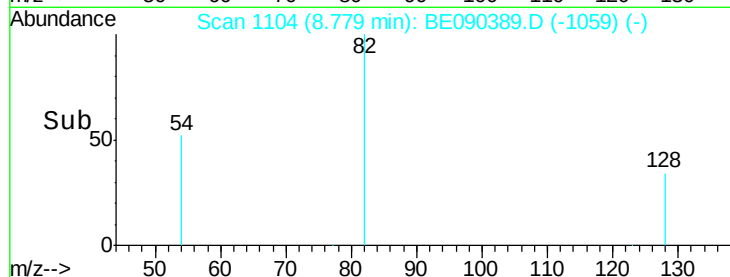
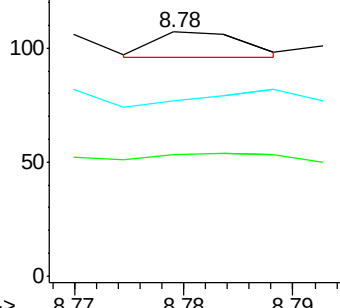
Tgt Ion:	77	Resp:	6
Ion	Ratio	Lower	Upper
77	100		
123	50.0	25.1	37.7#
65	83.3	9.3	13.9#



Abundance Ion 77.00 (76.70 to 77.70): BE090365.D (-1090) (-)

Ion 123.00 (122.70 to 123.70): BE090365.D (-1090) (-)

Ion 65.00 (64.70 to 65.70): BE090365.D (-1090) (-)



#10

Hexachlorobutadiene

Concen: Below Cal

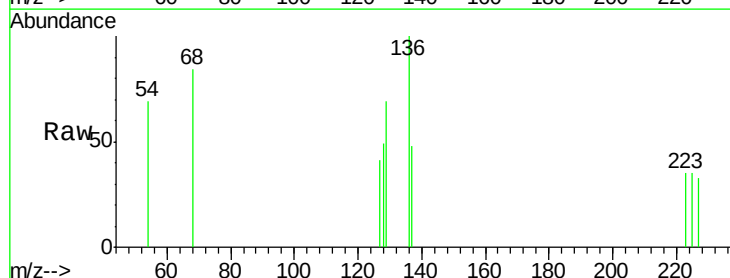
RT: 10.65 min Scan# 1412

Delta R.T. -0.04 min

Lab File: BE090389.D

Acq: 6 Aug 2015 14:46

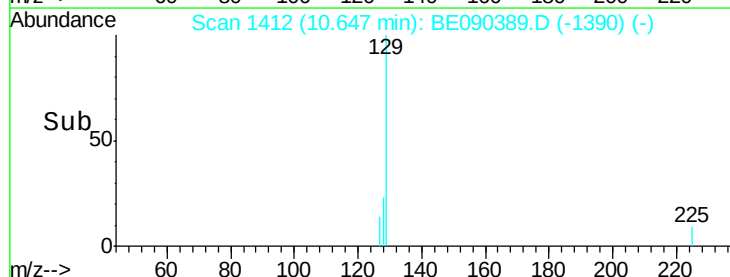
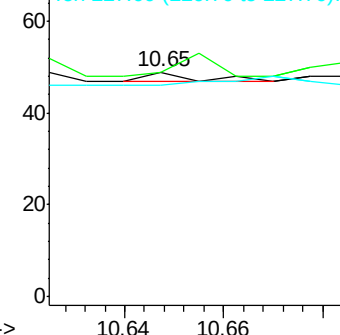
Tgt Ion:	225	Resp:	1
Ion	Ratio	Lower	Upper
225	100		
223	300.0	50.6	75.8#
227	0.0	50.7	76.1#

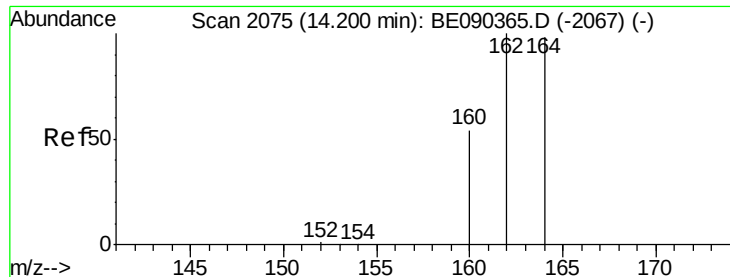


Abundance Ion 225.00 (224.70 to 225.70): BE090365.D (-1409) (-)

Ion 223.00 (222.70 to 223.70): BE090365.D (-1409) (-)

Ion 227.00 (226.70 to 227.70): BE090365.D (-1409) (-)





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.20 min Scan# 2075

Delta R.T. -0.00 min

Lab File: BE090389.D

Acq: 6 Aug 2015 14:46

Instrument :

BNA_E

ClientSampleId :

080215-D506-F-D-SRE

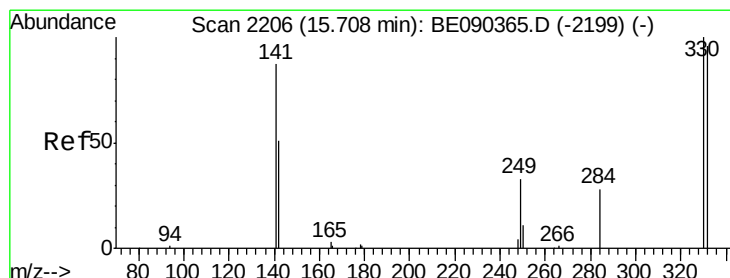
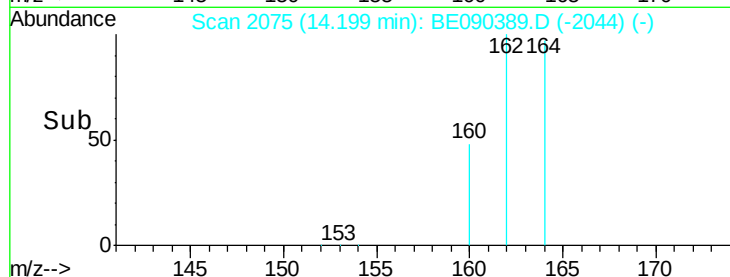
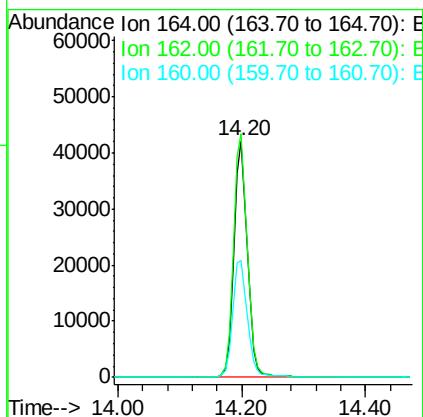
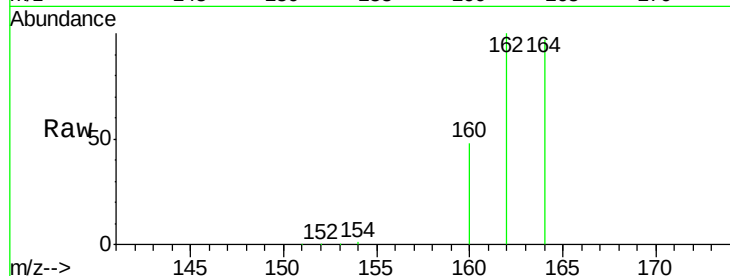
Tgt Ion:164 Resp: 63296

Ion Ratio Lower Upper

164 100

162 103.0 81.8 122.8

160 49.6 44.2 66.4



#13

2,4,6-Tribromophenol

Concen: 7.91 ng

RT: 15.69 min Scan# 2206

Delta R.T. -0.02 min

Lab File: BE090389.D

Acq: 6 Aug 2015 14:46

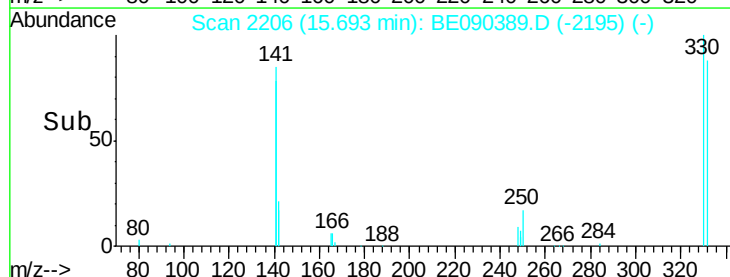
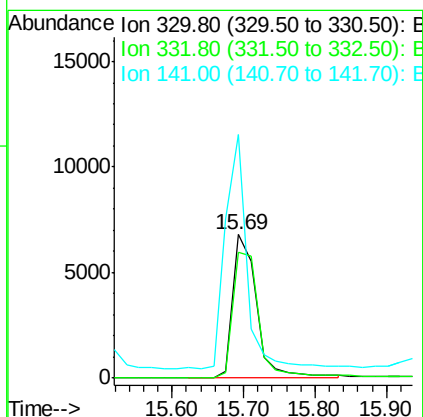
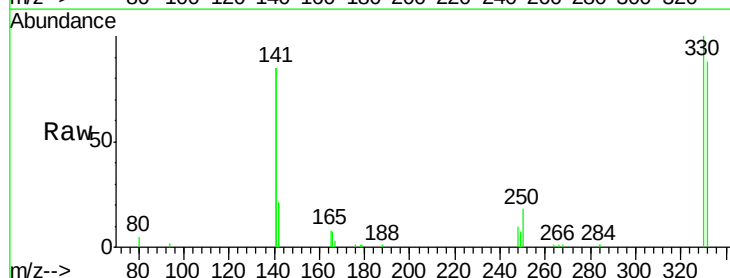
Tgt Ion:330 Resp: 15232

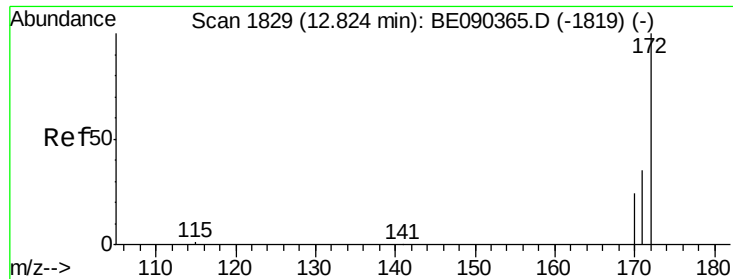
Ion Ratio Lower Upper

330 100

332 94.7 75.8 113.6

141 154.1 114.4 171.6

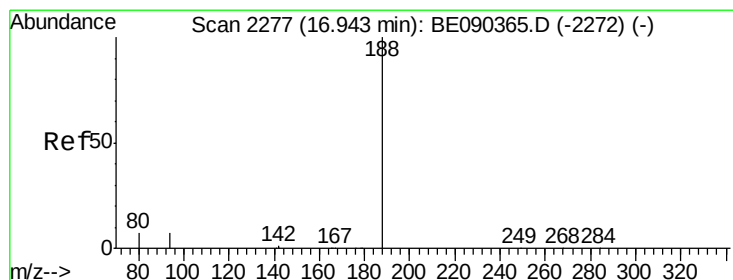
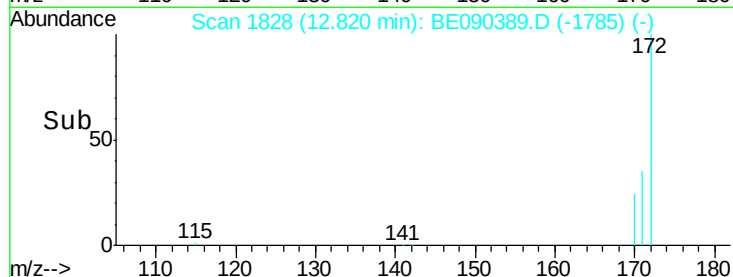
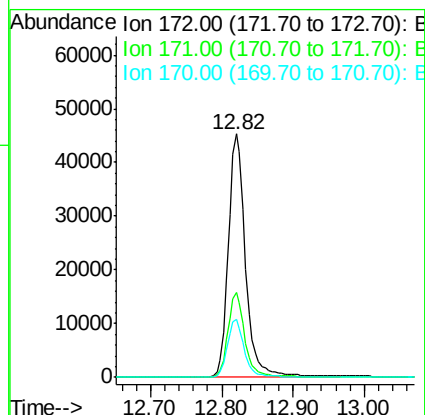
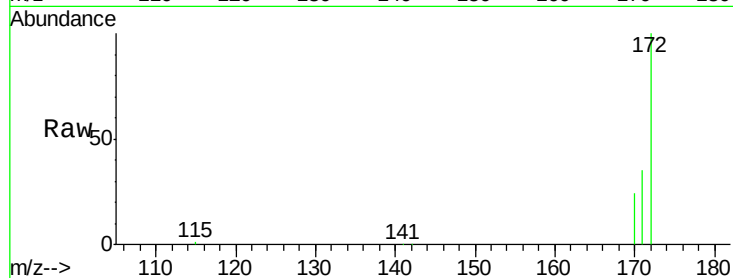




#14
2-Fluorobiphenyl
Concen: 4.40 ng
RT: 12.82 min Scan# 1828
Delta R.T. -0.00 min
Lab File: BE090389.D
Acq: 6 Aug 2015 14:46

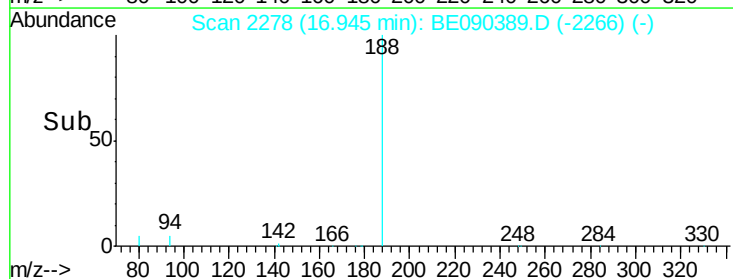
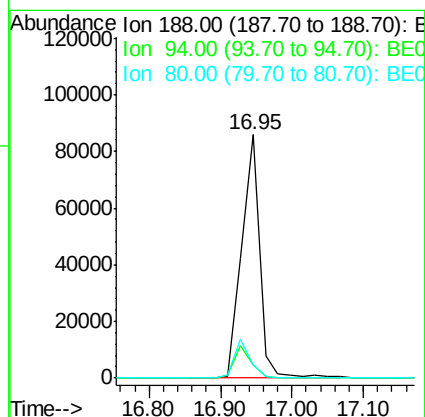
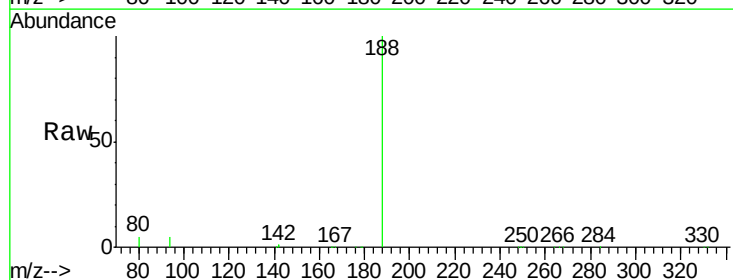
Instrument :
BNA_E
ClientSampleId :
080215-D506-F-D-SRE

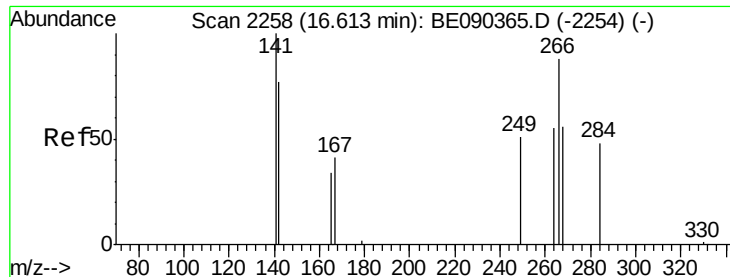
Tgt Ion:172 Resp: 76577
Ion Ratio Lower Upper
172 100
171 34.8 28.5 42.7
170 23.9 19.8 29.8



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.95 min Scan# 2278
Delta R.T. 0.00 min
Lab File: BE090389.D
Acq: 6 Aug 2015 14:46

Tgt Ion:188 Resp: 147528
Ion Ratio Lower Upper
188 100
94 5.4 5.7 8.5#
80 5.4 5.8 8.8#





#21

Pentachlorophenol

Concen: 0.11 ng

RT: 16.61 min Scan# 2259

Delta R.T. 0.00 min

Lab File: BE090389.D

Acq: 6 Aug 2015 14:46

Instrument :

BNA_E

ClientSampleId :

080215-D506-F-D-SRE

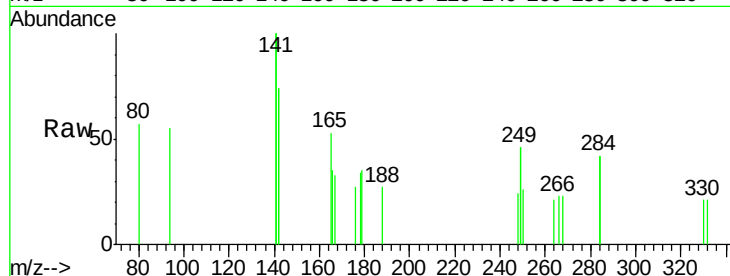
Tgt Ion:266 Resp: 22

Ion Ratio Lower Upper

266 100

268 100.0 58.5 87.7#

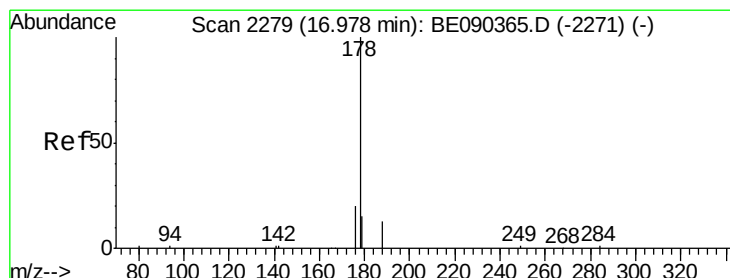
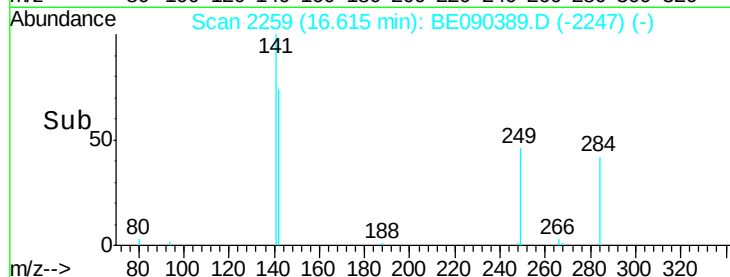
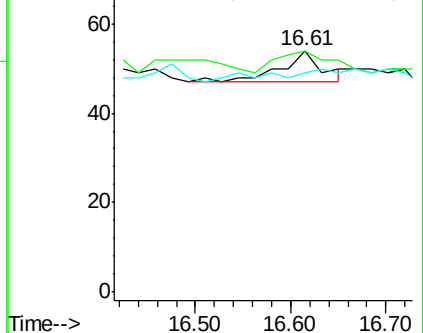
264 90.7 56.0 84.0#



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#22

Phenanthrene

Concen: 0.02 ng

RT: 16.98 min Scan# 2280

Delta R.T. 0.00 min

Lab File: BE090389.D

Acq: 6 Aug 2015 14:46

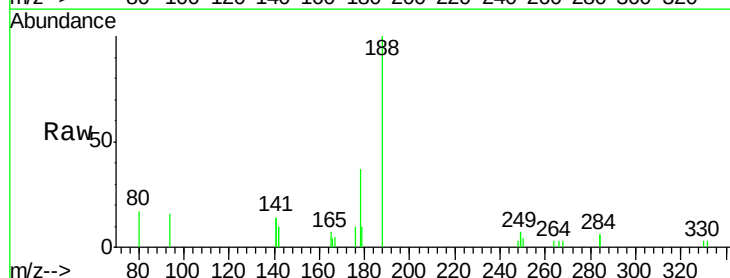
Tgt Ion:178 Resp: 912

Ion Ratio Lower Upper

178 100

176 23.9 15.4 23.2#

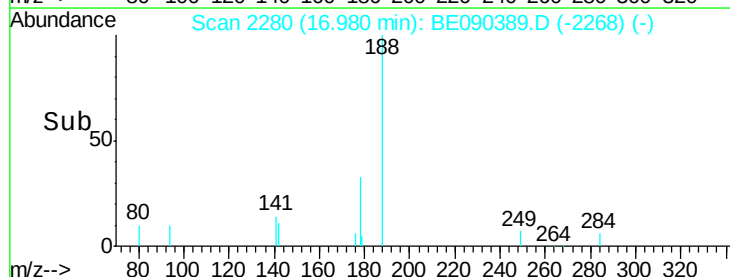
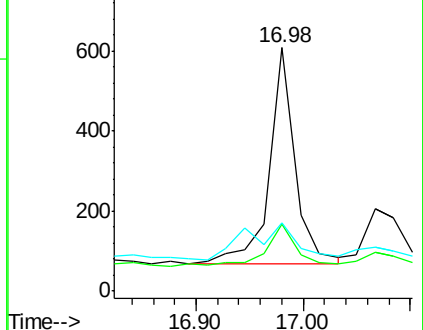
179 30.7 12.5 18.7#

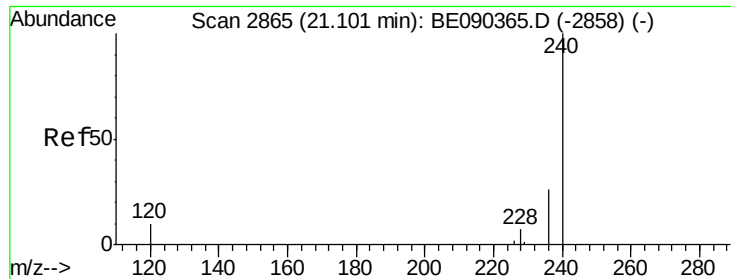


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.10 min Scan# 2866

Delta R.T. -0.00 min

Lab File: BE090389.D

Acq: 6 Aug 2015 14:46

Instrument :

BNA_E

ClientSampleId :

080215-D506-F-D-SRE

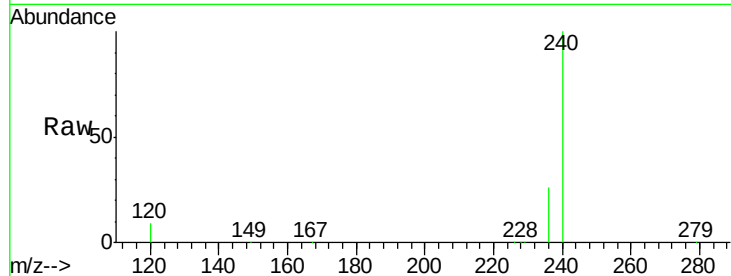
Tgt Ion:240 Resp: 182197

Ion Ratio Lower Upper

240 100

120 9.4 8.3 12.5

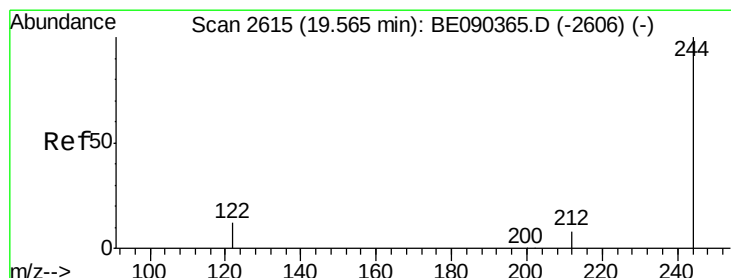
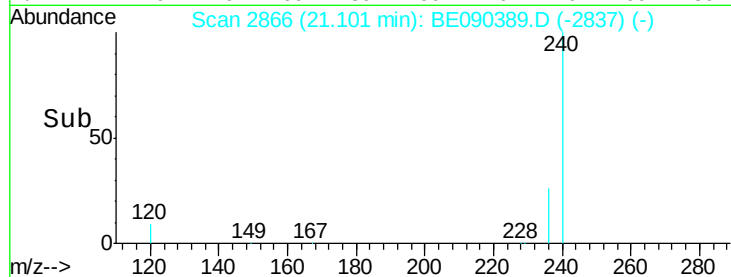
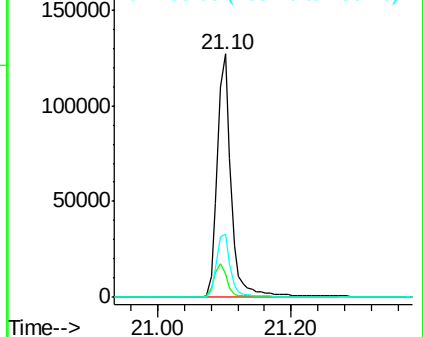
236 26.1 21.0 31.4



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



#27

Terphenyl-d14

Concen: 5.45 ng

RT: 19.56 min Scan# 2615

Delta R.T. -0.01 min

Lab File: BE090389.D

Acq: 6 Aug 2015 14:46

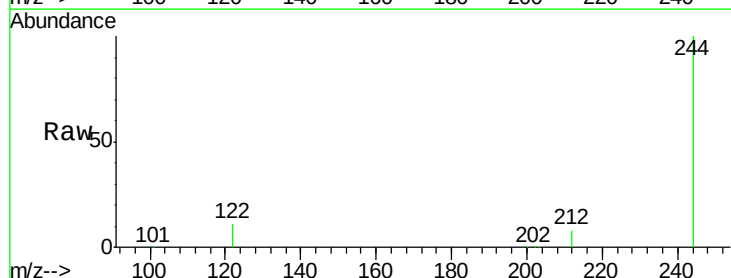
Tgt Ion:244 Resp: 146304

Ion Ratio Lower Upper

244 100

212 7.8 6.6 9.8

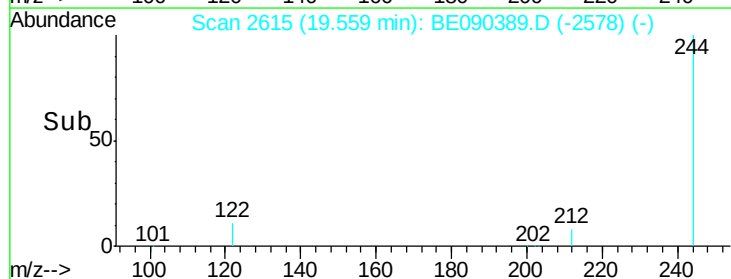
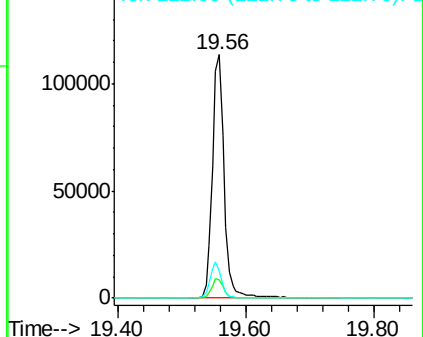
122 11.0 10.2 15.4

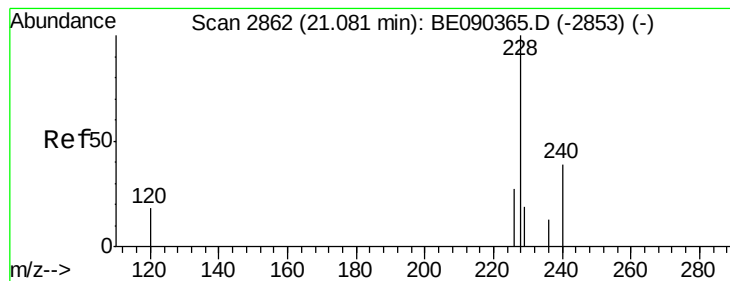


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#28

Benzo(a)anthracene

Concen: 0.02 ng

RT: 21.09 min Scan# 2865

Delta R.T. 0.01 min

Lab File: BE090389.D

Acq: 6 Aug 2015 14:46

Instrument :

BNA_E

ClientSampleId :

080215-D506-F-D-SRE

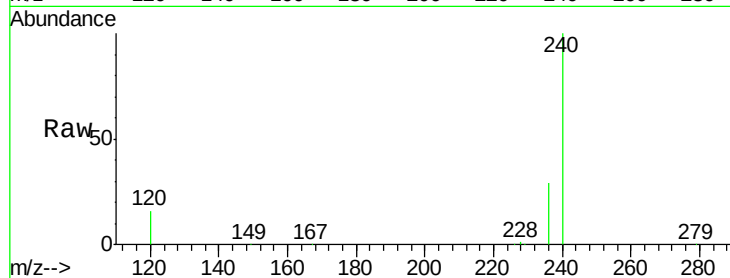
Tgt Ion:228 Resp: 994

Ion Ratio Lower Upper

228 100

226 23.6 21.9 32.9

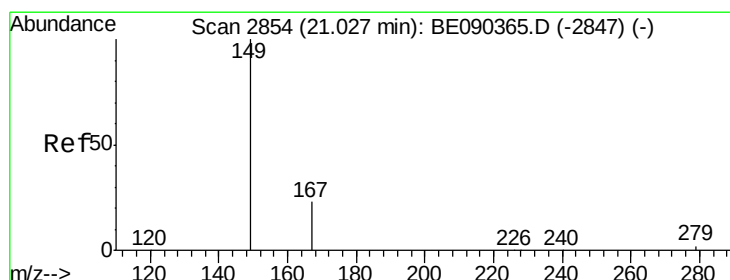
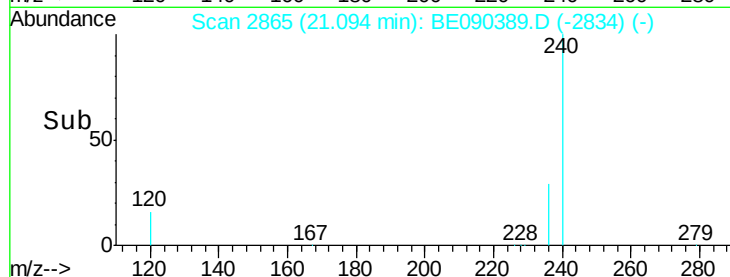
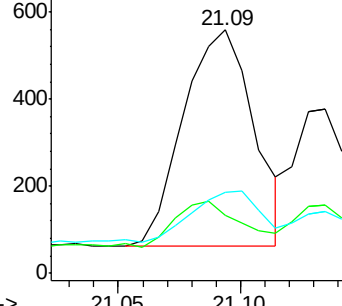
229 33.3 15.4 23.0#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#30

Bis(2-ethylhexyl)phthalate

Concen: 0.53 ng

RT: 21.03 min Scan# 2855

Delta R.T. -0.00 min

Lab File: BE090389.D

Acq: 6 Aug 2015 14:46

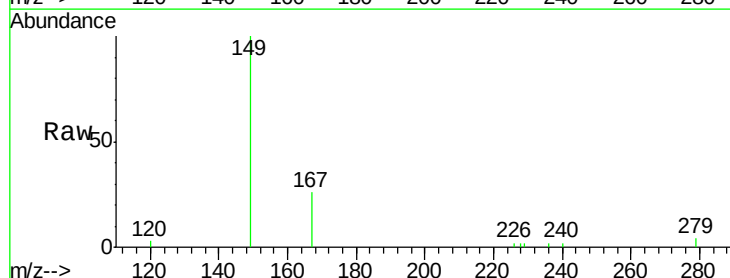
Tgt Ion:149 Resp: 4184

Ion Ratio Lower Upper

149 100

167 23.9 19.8 29.8

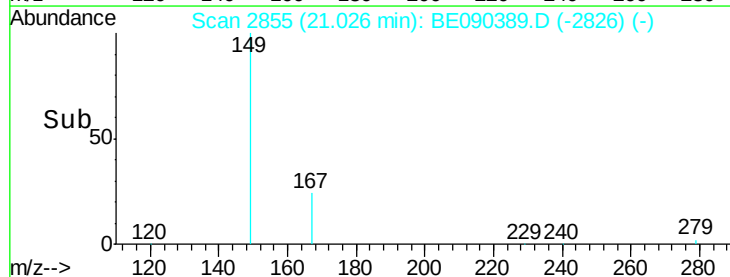
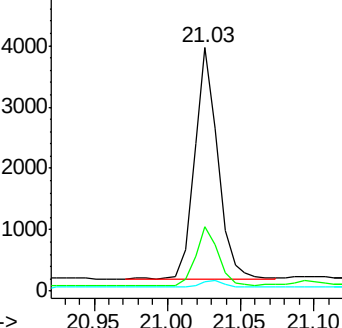
279 3.2 2.4 3.6

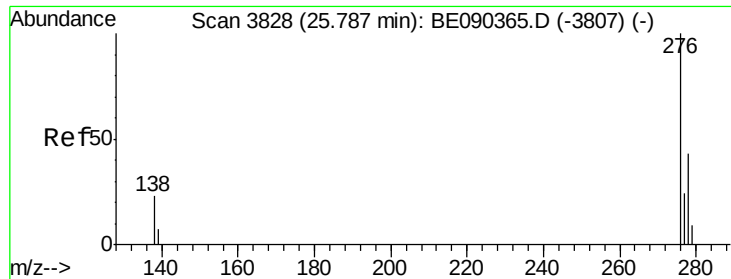


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#31

Indeno(1,2,3-cd)pyrene

Concen: 0.26 ng

RT: 25.78 min Scan# 3828

Delta R.T. -0.00 min

Lab File: BE090389.D

Acq: 6 Aug 2015 14:46

Instrument :

BNA_E

ClientSampleId :

080215-D506-F-D-SRE

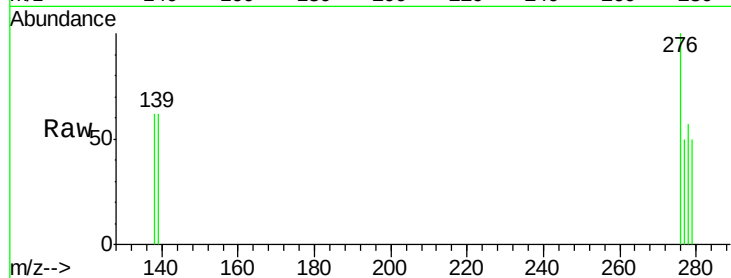
Tgt Ion: 276 Resp: 395

Ion Ratio Lower Upper

276 100

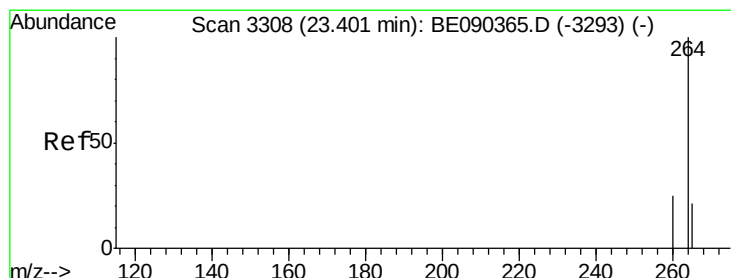
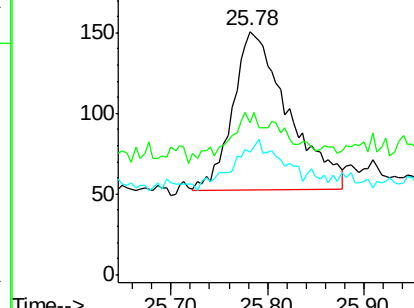
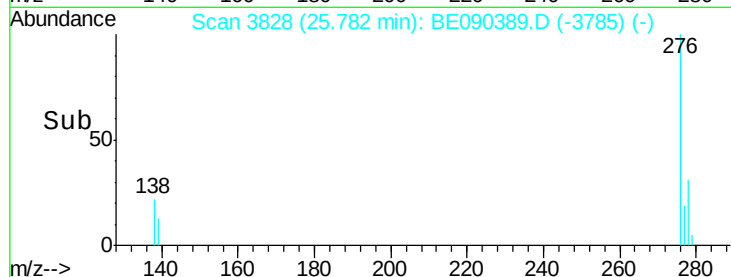
138 12.2 18.8 28.2#

277 28.1 18.2 27.4#



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

25.78



#32

Perylene-d12

Concen: 5.00 ng

RT: 23.40 min Scan# 3309

Delta R.T. -0.00 min

Lab File: BE090389.D

Acq: 6 Aug 2015 14:46

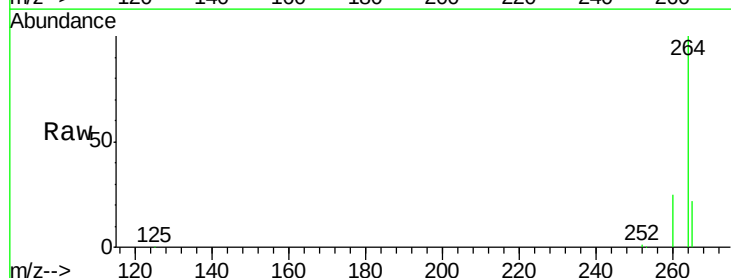
Tgt Ion: 264 Resp: 172533

Ion Ratio Lower Upper

264 100

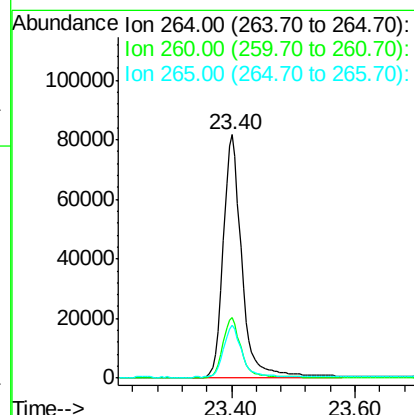
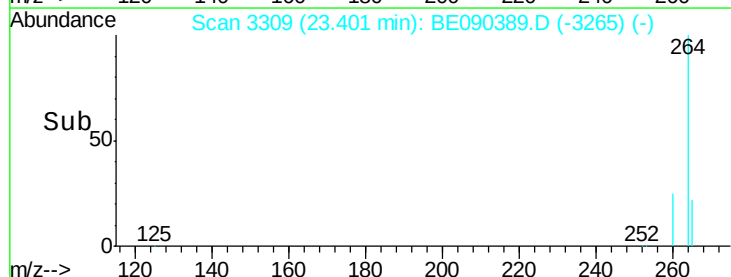
260 24.8 20.1 30.1

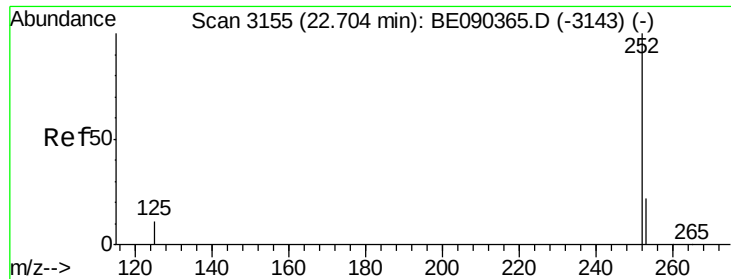
265 21.9 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

23.40





#33

Benzo(b)fluoranthene

Concen: 0.21 ng

RT: 22.70 min Scan# 3156

Delta R.T. 0.00 min

Lab File: BE090389.D

Acq: 6 Aug 2015 14:46

Instrument :

BNA_E

ClientSampleId :

080215-D506-F-D-SRE

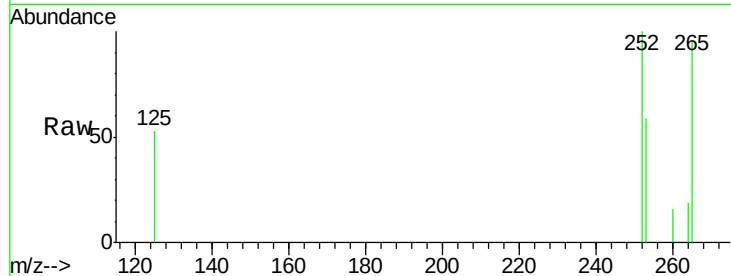
Tgt Ion:252 Resp: 547

Ion Ratio Lower Upper

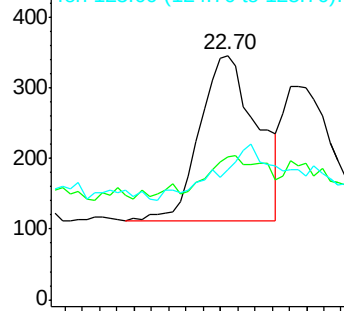
252 100

253 58.7 18.1 27.1#

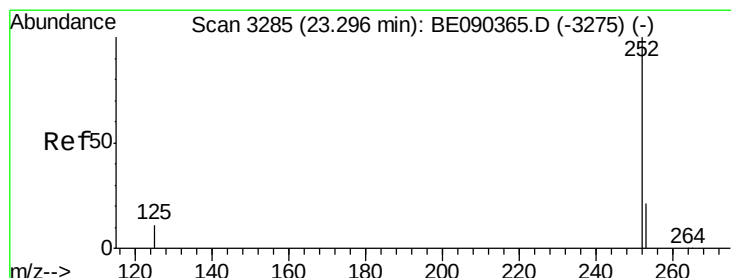
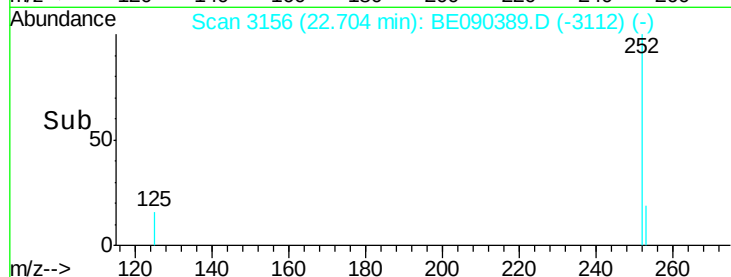
125 53.2 9.4 14.2#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->



#35

Benzo(a)pyrene

Concen: 0.23 ng

RT: 23.30 min Scan# 3286

Delta R.T. 0.00 min

Lab File: BE090389.D

Acq: 6 Aug 2015 14:46

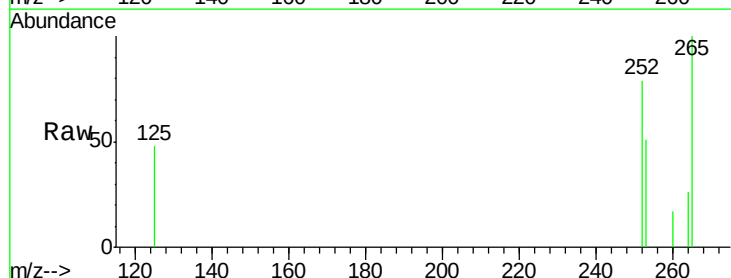
Tgt Ion:252 Resp: 329

Ion Ratio Lower Upper

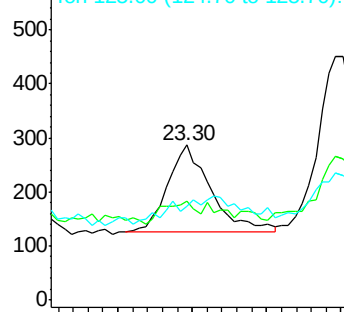
252 100

253 64.1 17.6 26.4#

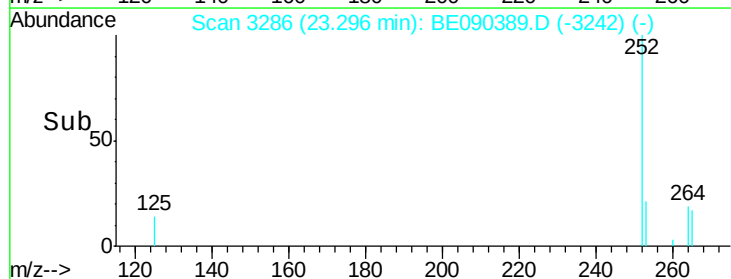
125 60.3 9.8 14.6#

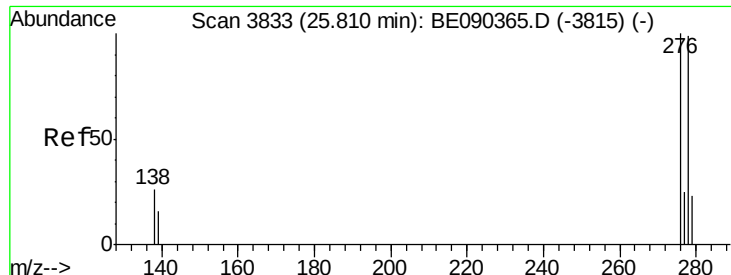


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->





#36

Dibenzo(a,h)anthracene

Concen: 0.29 ng

RT: 25.81 min Scan# 3834

Delta R.T. 0.00 min

Lab File: BE090389.D

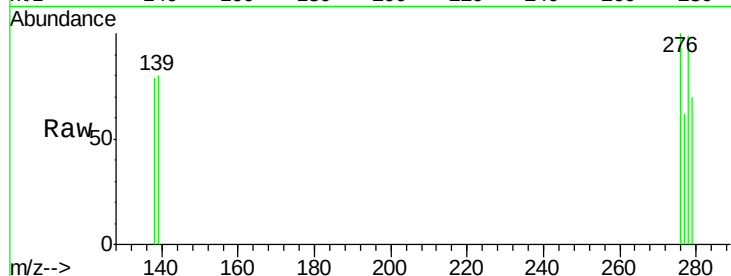
Acq: 6 Aug 2015 14:46

Instrument :

BNA_E

ClientSampleId :

080215-D506-F-D-SRE



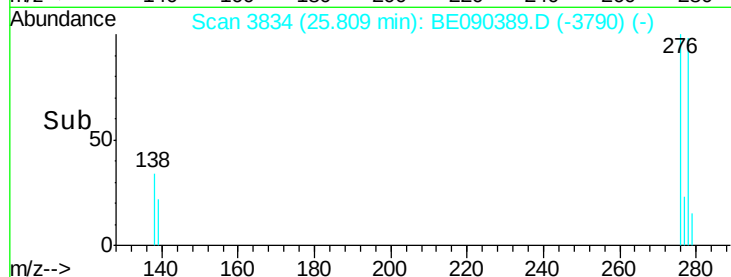
Tgt Ion: 278 Resp: 268

Ion Ratio Lower Upper

278 100

139 80.5 14.2 21.4#

279 70.3 20.1 30.1#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

25.81

100

50

0

Time-->