

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081015\
 Data File : BE090412.D
 Acq On : 10 Aug 2015 21:25
 Operator : TP/UM
 Sample : G3205-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 080515-D506-F-D-B

Quant Time: Aug 11 03:17:47 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	26788	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	124169	5.00	ng	0.00
12) Acenaphthene-d10	14.20	164	72267	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	166928	5.00	ng	0.00
25) Chrysene-d12	21.10	240	198884	5.00	ng	0.00
32) Perylene-d12	23.40	264	186626	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.21	112	14695	3.66	ng	0.00
5) Phenol-d6	6.77	99	13046	1.70	ng	0.00
7) Nitrobenzene-d5	8.73	82	31219	3.17	ng	0.00
13) 2,4,6-Tribromophenol	15.71	330	18449	8.23	ng	0.00
14) 2-Fluorobiphenyl	12.82	172	71679	3.61	ng	0.00
27) Terphenyl-d14	19.55	244	146261	4.99	ng	-0.01

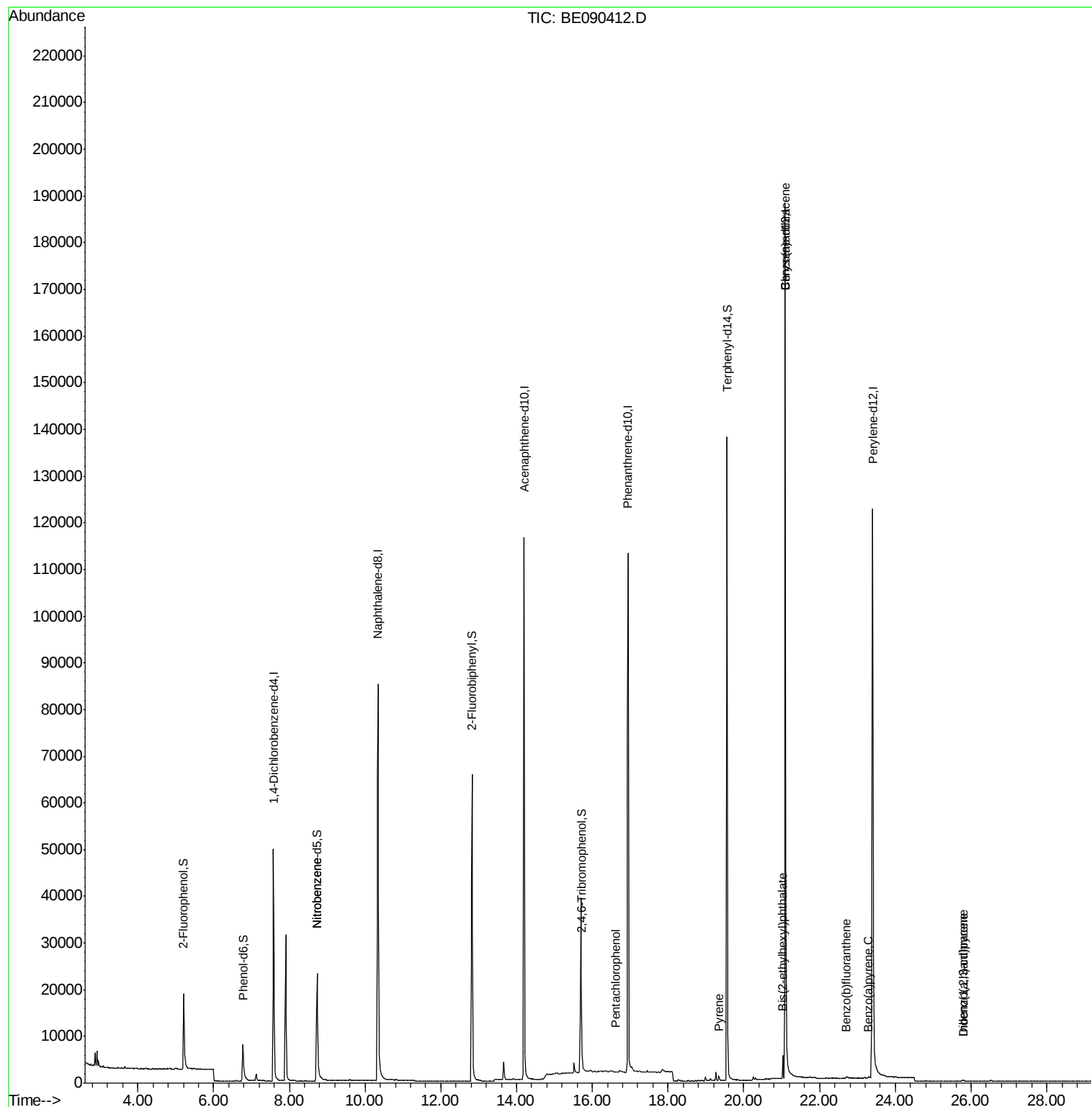
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.31	88	143	Below Cal	#	24
8) Nitrobenzene	8.73	77	93	0.22 ng	#	55
10) Hexachlorobutadiene	10.67	225	3	Below Cal	#	57
21) Pentachlorophenol	16.61	266	21	0.11 ng	#	76
26) Pyrene	19.34	202	952	0.02 ng	#	92
28) Benzo(a)anthracene	21.09	228	988	0.02 ng	#	81
30) Bis(2-ethylhexyl)phthalate	21.03	149	4149	0.49 ng		99
31) Indeno(1,2,3-cd)pyrene	25.79	276	245	0.26 ng	#	69
33) Benzo(b)fluoranthene	22.70	252	691	0.21 ng	#	1
35) Benzo(a)pyrene	23.30	252	258	0.23 ng	#	1
36) Dibenzo(a,h)anthracene	25.81	278	108	0.29 ng	#	1

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

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Sample : G3205-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
080515-D506-F-D-B

Quant Time: Aug 11 03:17:47 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: BE090412.D

Acq: 10 Aug 2015 21:25

Instrument :

BNA_E

ClientSampleId :

080515-D506-F-D-B

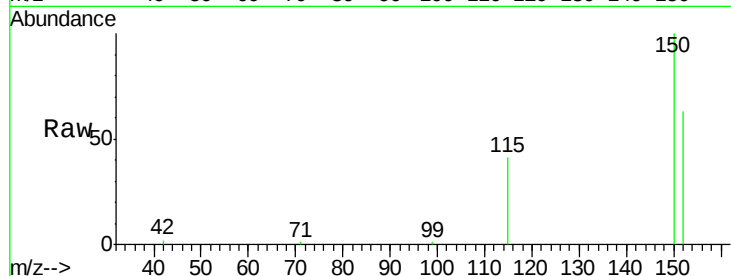
Tgt Ion:152 Resp: 26788

Ion Ratio Lower Upper

152 100

150 158.1 123.0 184.4

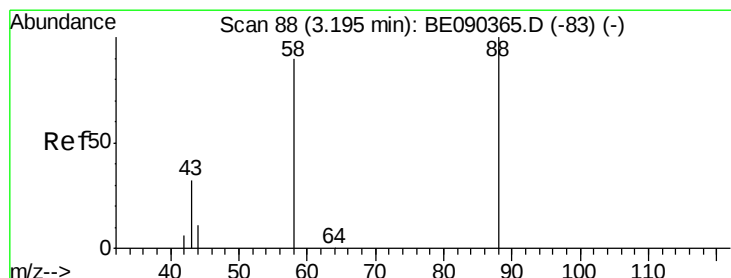
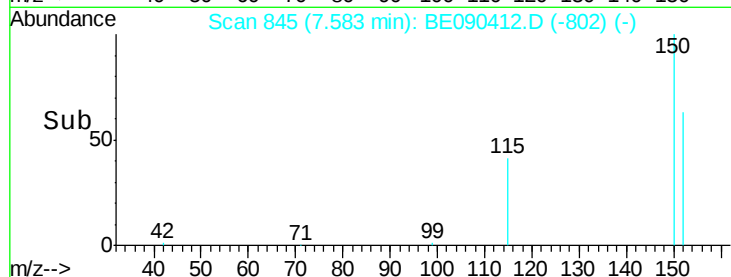
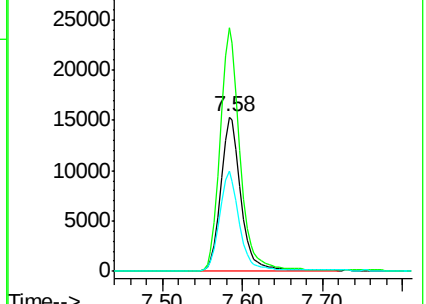
115 64.7 48.9 73.3



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



#2

1,4-Dioxane

Concen: Below Cal

RT: 3.31 min Scan# 104

Delta R.T. 0.11 min

Lab File: BE090412.D

Acq: 10 Aug 2015 21:25

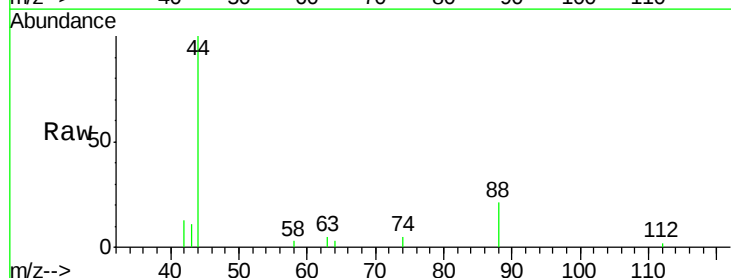
Tgt Ion: 88 Resp: 143

Ion Ratio Lower Upper

88 100

58 0.0 70.0 105.0#

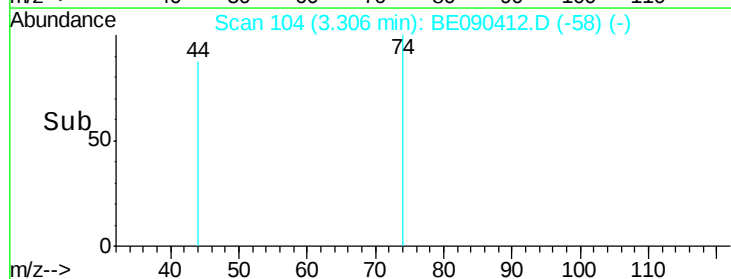
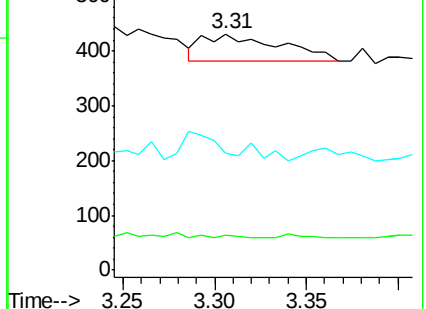
43 16.8 28.4 42.6#

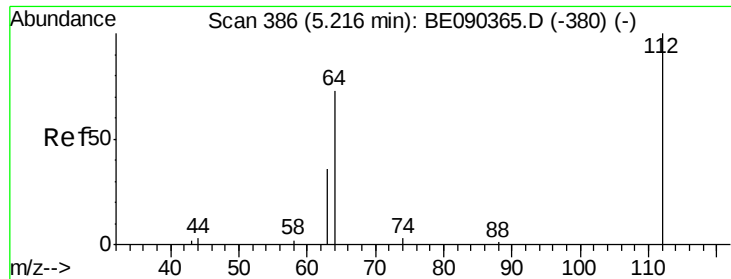


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 3.66 ng

RT: 5.21 min Scan# 385

Delta R.T. -0.00 min

Lab File: BE090412.D

Acq: 10 Aug 2015 21:25

Instrument :

BNA_E

ClientSampleId :

080515-D506-F-D-B

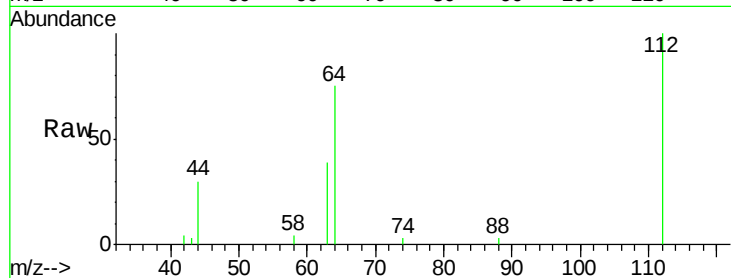
Tgt Ion: 112 Resp: 14695

Ion Ratio Lower Upper

112 100

64 71.0 37.1 55.7#

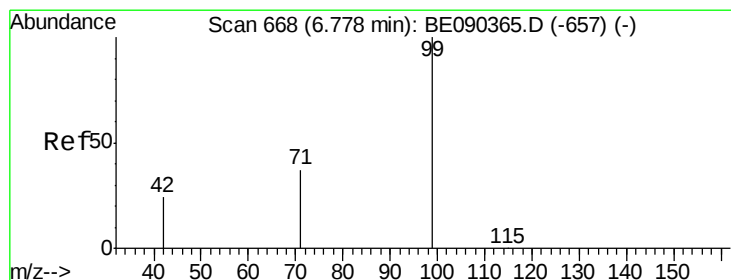
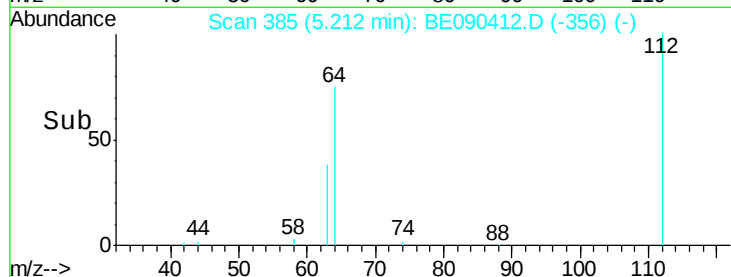
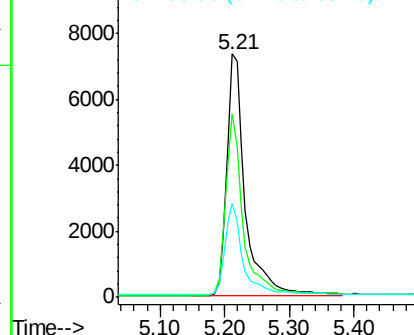
63 36.7 19.5 29.3#



Abundance Ion 112.00 (111.70 to 112.70): BE090412.D (-356) (-)

Ion 64.00 (63.70 to 64.70): BE090412.D (-356) (-)

Ion 63.00 (62.70 to 63.70): BE090412.D (-356) (-)



#5

Phenol-d6

Concen: 1.70 ng

RT: 6.77 min Scan# 667

Delta R.T. -0.01 min

Lab File: BE090412.D

Acq: 10 Aug 2015 21:25

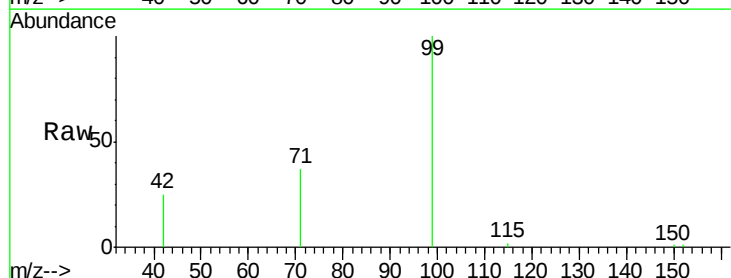
Tgt Ion: 99 Resp: 13046

Ion Ratio Lower Upper

99 100

42 21.6 18.2 27.4

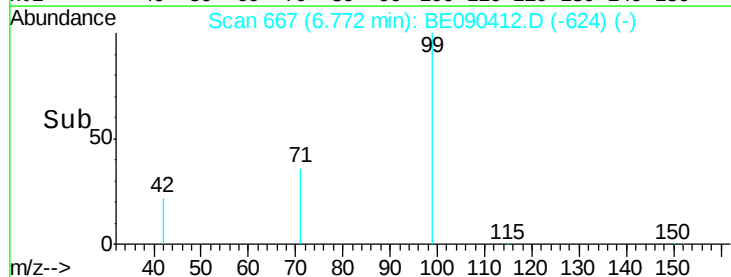
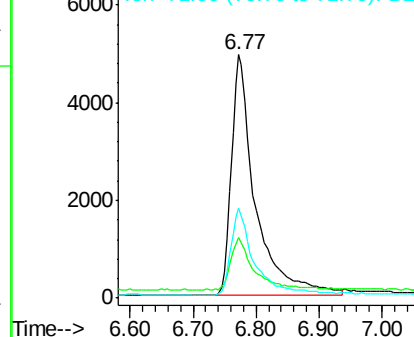
71 35.7 27.4 41.0

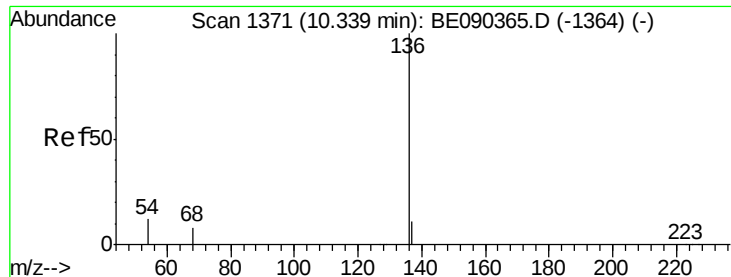


Abundance Ion 99.00 (98.70 to 99.70): BE090412.D (-624) (-)

Ion 42.00 (41.70 to 42.70): BE090412.D (-624) (-)

Ion 71.00 (70.70 to 71.70): BE090412.D (-624) (-)

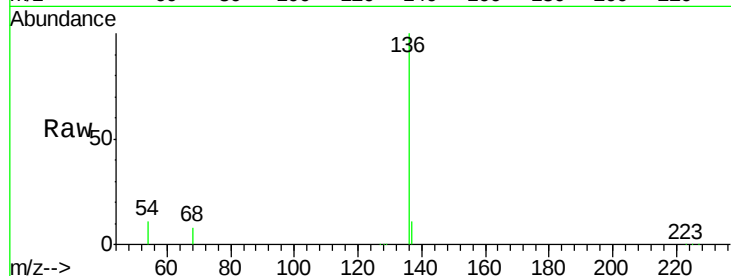




#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.34 min Scan# 1371
Delta R.T. 0.00 min
Lab File: BE090412.D
Acq: 10 Aug 2015 21:25

Instrument :
BNA_E
ClientSampleId :
080515-D506-F-D-B

Tgt Ion:	136	Resp:	124169
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	11.4	9.4	14.0
68	8.3	6.5	9.7

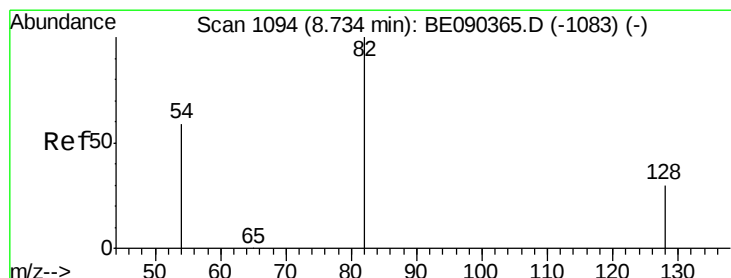
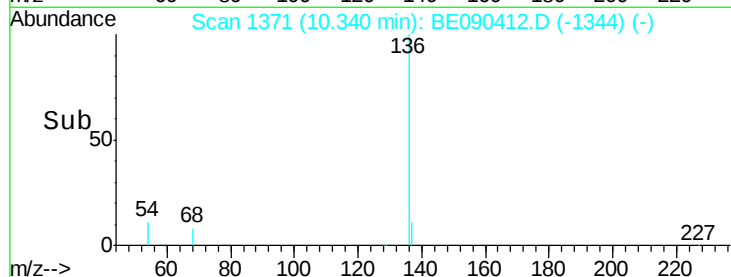
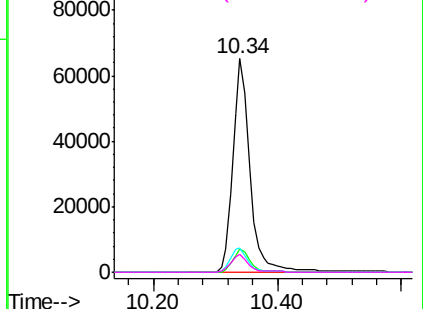


Abundance Ion 136.00 (135.70 to 136.70): BE090412.D (-1364) (-)

Ion 137.00 (136.70 to 137.70): BE090412.D (-1364) (-)

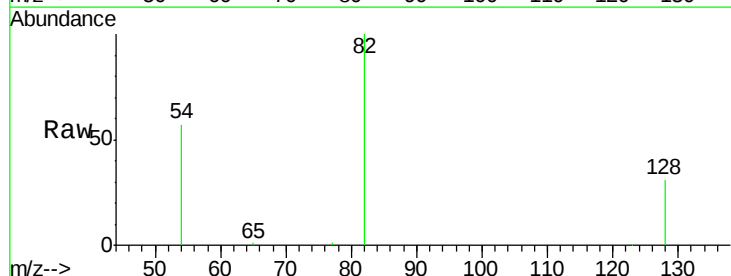
Ion 54.00 (53.70 to 54.70): BE090412.D (-1364) (-)

Ion 68.00 (67.70 to 68.70): BE090412.D (-1364) (-)



#7
Nitrobenzene-d5
Concen: 3.17 ng
RT: 8.73 min Scan# 1093
Delta R.T. -0.00 min
Lab File: BE090412.D
Acq: 10 Aug 2015 21:25

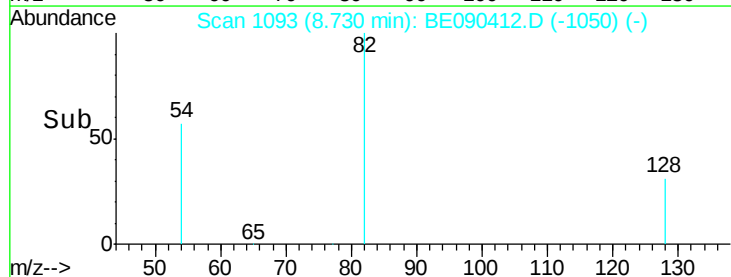
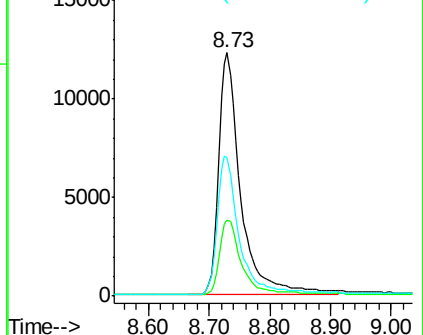
Tgt Ion:	82	Resp:	31219
Ion	Ratio	Lower	Upper
82	100		
128	31.4	25.0	37.6
54	57.2	48.8	73.2

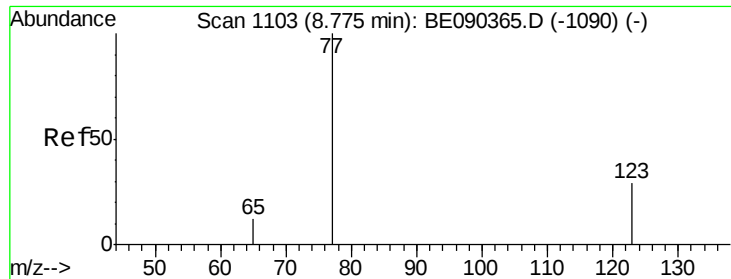


Abundance Ion 82.00 (81.70 to 82.70): BE090412.D (-1083) (-)

Ion 128.00 (127.70 to 128.70): BE090412.D (-1083) (-)

Ion 54.00 (53.70 to 54.70): BE090412.D (-1083) (-)





#8

Nitrobenzene

Concen: 0.22 ng

RT: 8.73 min Scan# 1092

Delta R.T. -0.05 min

Lab File: BE090412.D

Acq: 10 Aug 2015 21:25

Instrument :

BNA_E

ClientSampleId :

080515-D506-F-D-B

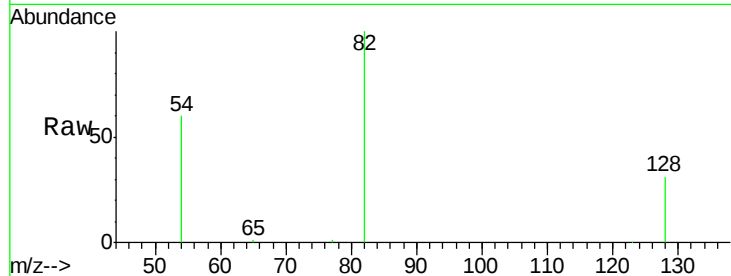
Tgt Ion: 77 Resp: 93

Ion Ratio Lower Upper

77 100

123 6.5 25.1 37.7#

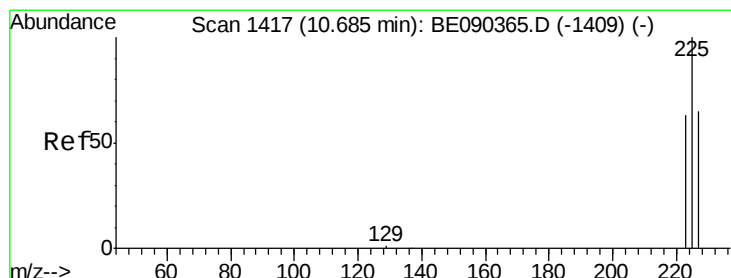
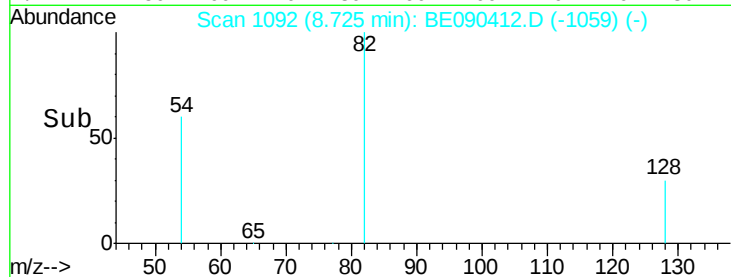
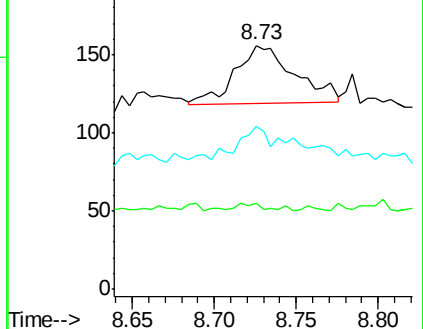
65 29.0 9.3 13.9#



Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0



#10

Hexachlorobutadiene

Concen: Below Cal

RT: 10.67 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BE090412.D

Acq: 10 Aug 2015 21:25

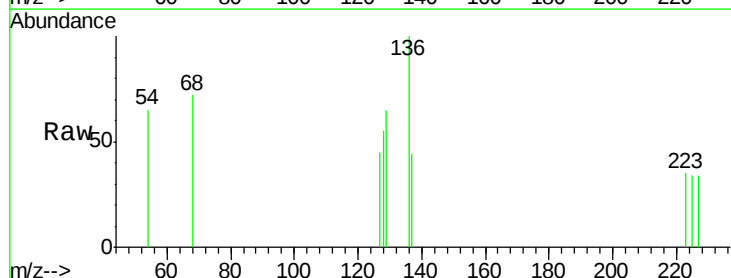
Tgt Ion: 225 Resp: 3

Ion Ratio Lower Upper

225 100

223 0.0 50.6 75.8#

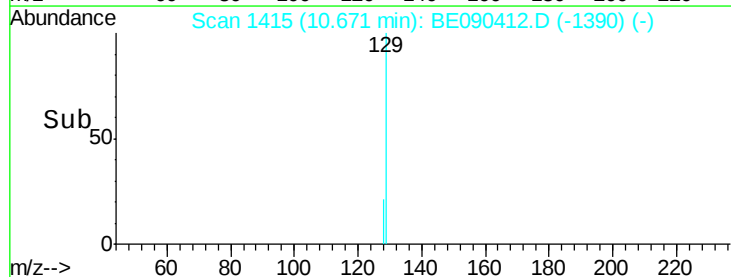
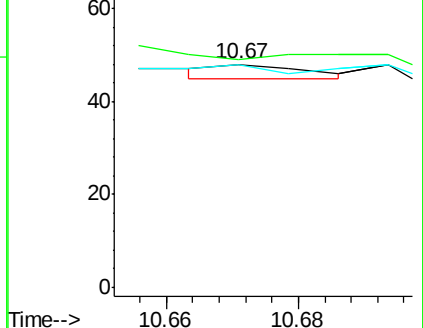
227 66.7 50.7 76.1

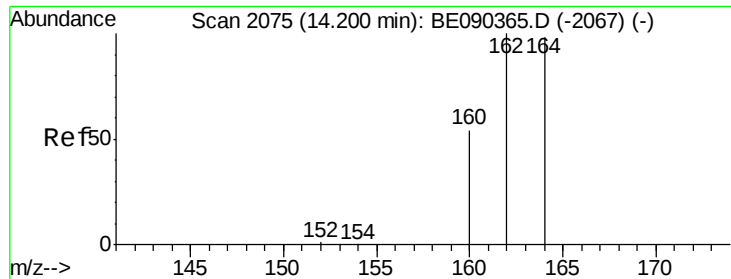


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

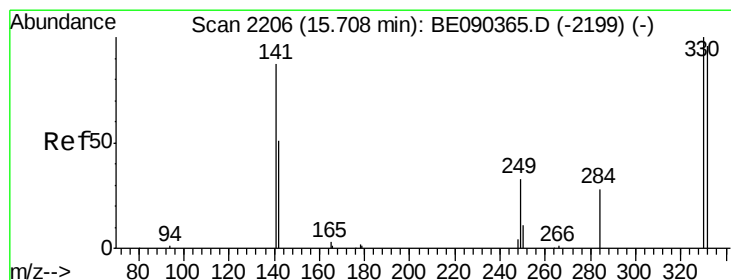
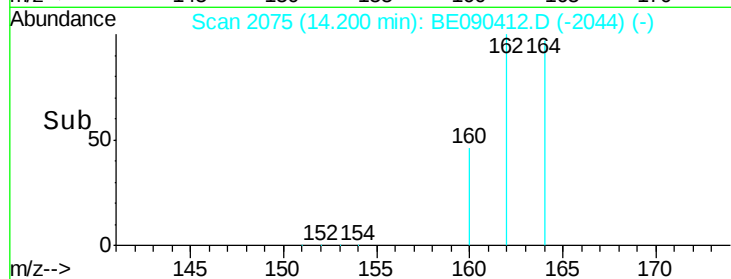
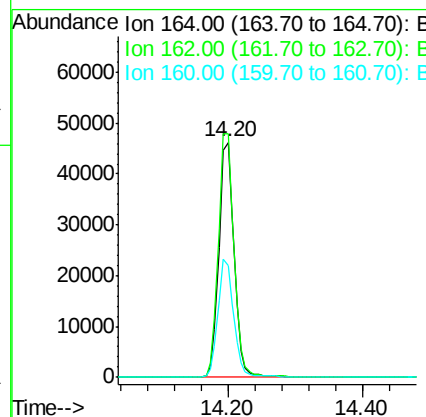
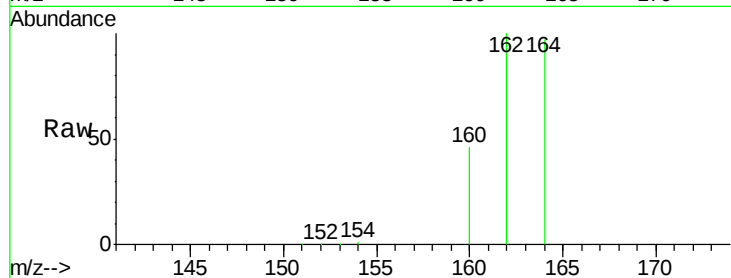




#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.20 min Scan# 2075
Delta R.T. 0.00 min
Lab File: BE090412.D
Acq: 10 Aug 2015 21:25

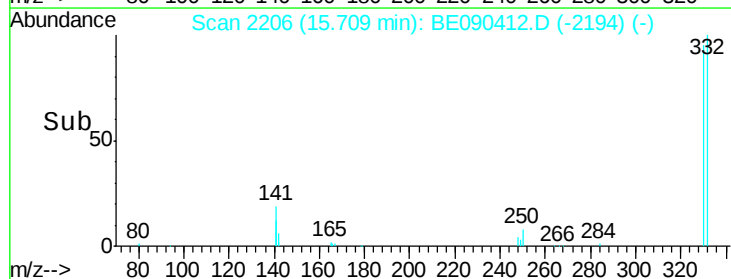
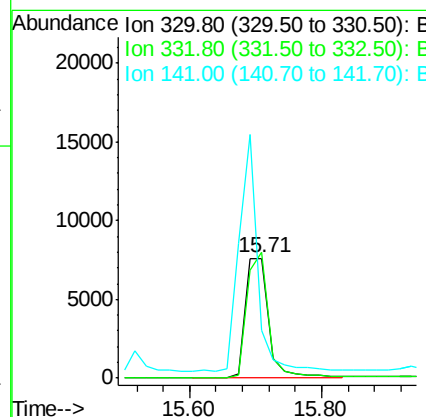
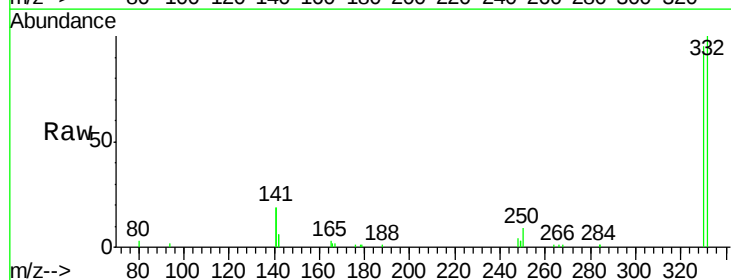
Instrument :
BNA_E
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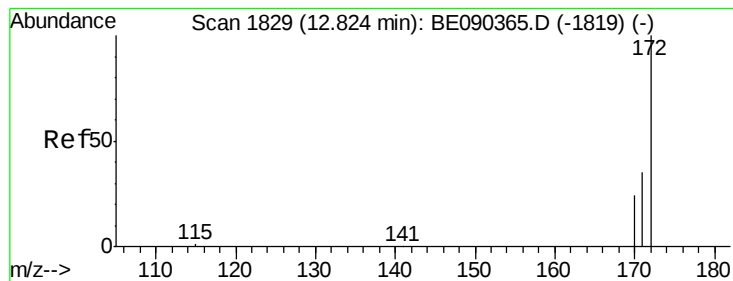
Tgt Ion:164 Resp: 72267
Ion Ratio Lower Upper
164 100
162 103.6 81.8 122.8
160 47.8 44.2 66.4



#13
2,4,6-Tribromophenol
Concen: 8.23 ng
RT: 15.71 min Scan# 2206
Delta R.T. 0.00 min
Lab File: BE090412.D
Acq: 10 Aug 2015 21:25

Tgt Ion:330 Resp: 18449
Ion Ratio Lower Upper
330 100
332 97.5 75.8 113.6
141 157.6 114.4 171.6





#14

2-Fluorobiphenyl

Concen: 3.61 ng

RT: 12.82 min Scan# 1828

Delta R.T. -0.00 min

Lab File: BE090412.D

Acq: 10 Aug 2015 21:25

Instrument :

BNA_E

ClientSampleId :

080515-D506-F-D-B

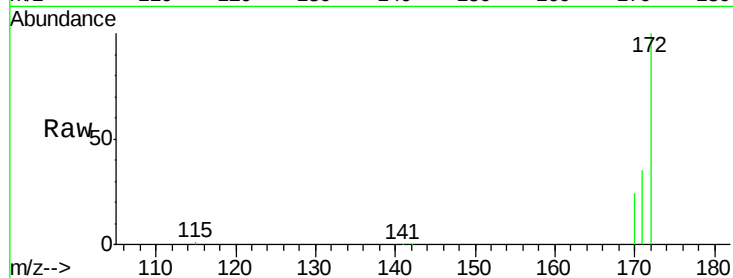
Tgt Ion:172 Resp: 71679

Ion Ratio Lower Upper

172 100

171 35.3 28.5 42.7

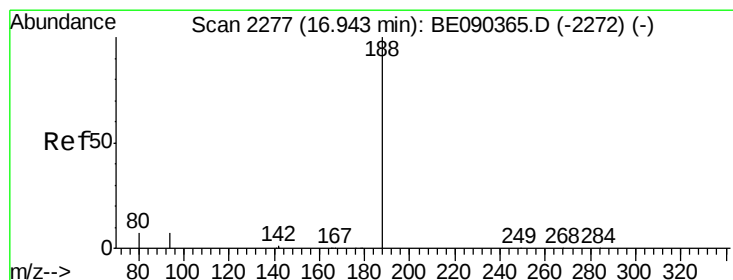
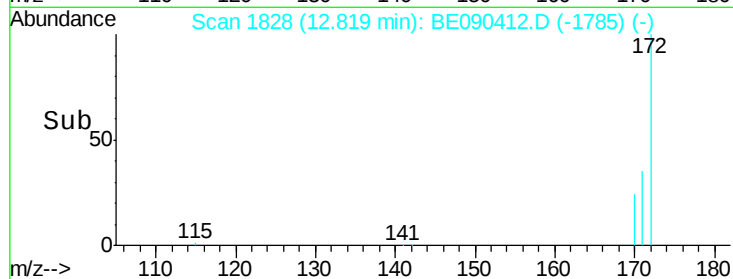
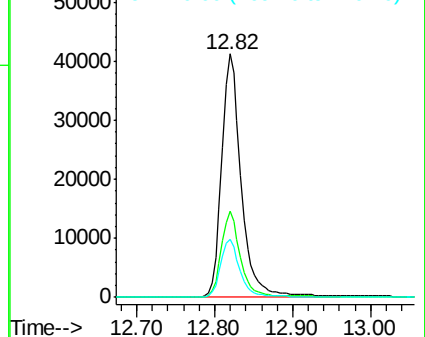
170 23.8 19.8 29.8



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



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.94 min Scan# 2277

Delta R.T. 0.00 min

Lab File: BE090412.D

Acq: 10 Aug 2015 21:25

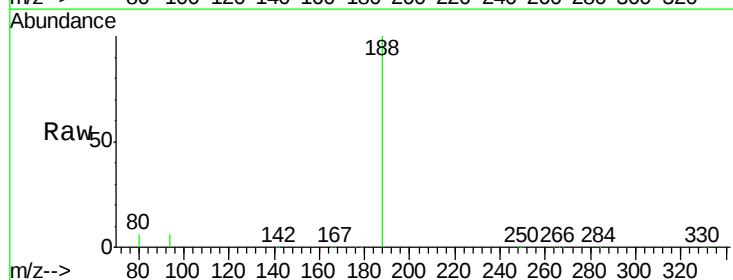
Tgt Ion:188 Resp: 166928

Ion Ratio Lower Upper

188 100

94 5.8 5.7 8.5

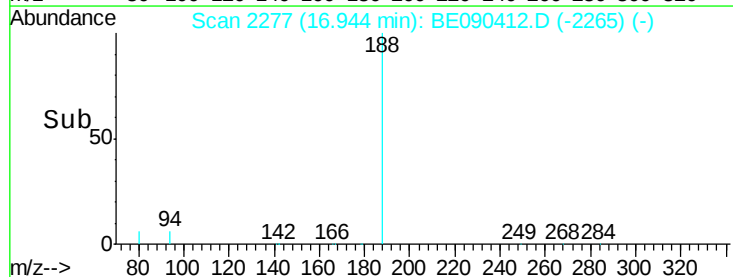
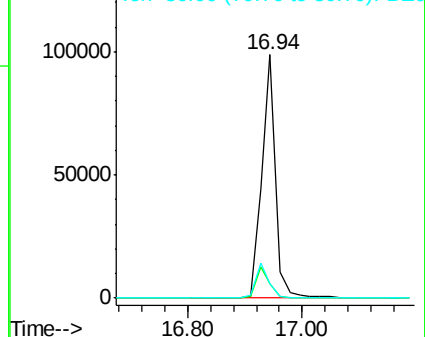
80 6.0 5.8 8.8

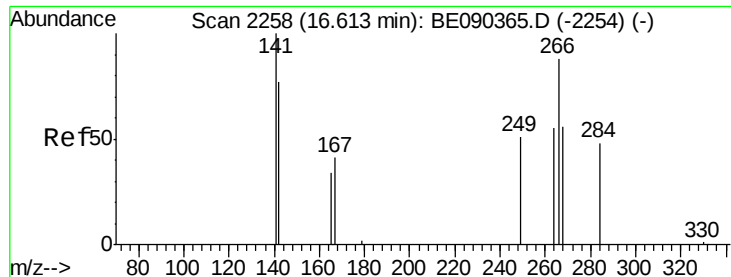


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#21

Pentachlorophenol

Concen: 0.11 ng

RT: 16.61 min Scan# 2258

Delta R.T. 0.00 min

Lab File: BE090412.D

Acq: 10 Aug 2015 21:25

Instrument :

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ClientSampleId :

080515-D506-F-D-B

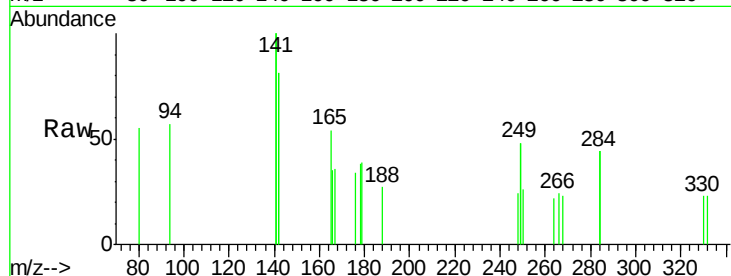
Tgt Ion:266 Resp: 21

Ion Ratio Lower Upper

266 100

268 92.6 58.5 87.7#

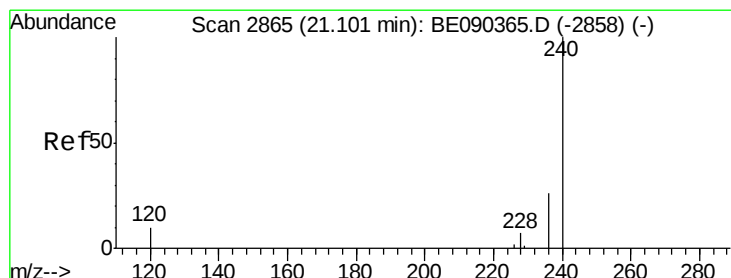
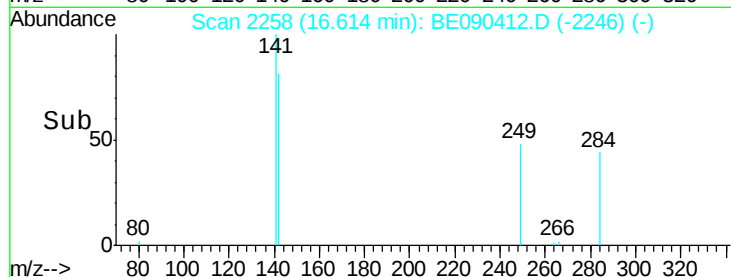
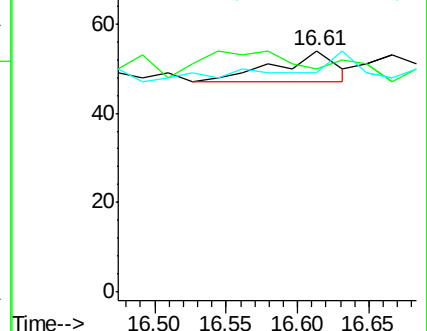
264 90.7 56.0 84.0#



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



#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.10 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BE090412.D

Acq: 10 Aug 2015 21:25

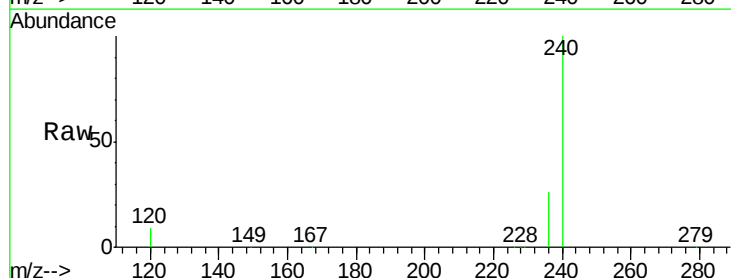
Tgt Ion:240 Resp: 198884

Ion Ratio Lower Upper

240 100

120 8.9 8.3 12.5

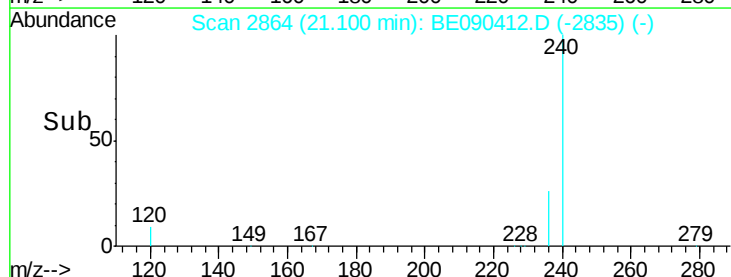
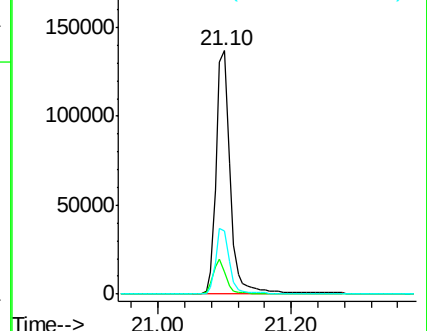
236 26.2 21.0 31.4

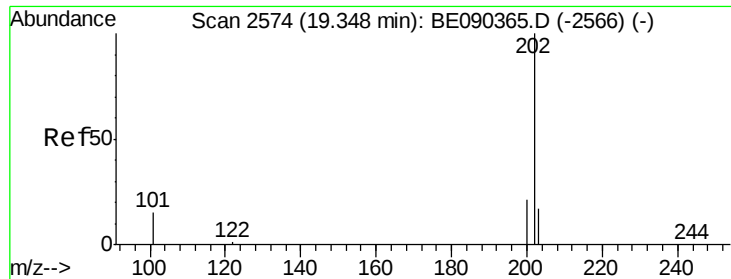


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#26

Pyrene

Concen: 0.02 ng

RT: 19.34 min Scan# 2573

Delta R.T. -0.01 min

Lab File: BE090412.D

Acq: 10 Aug 2015 21:25

Instrument :

BNA_E

ClientSampleId :

080515-D506-F-D-B

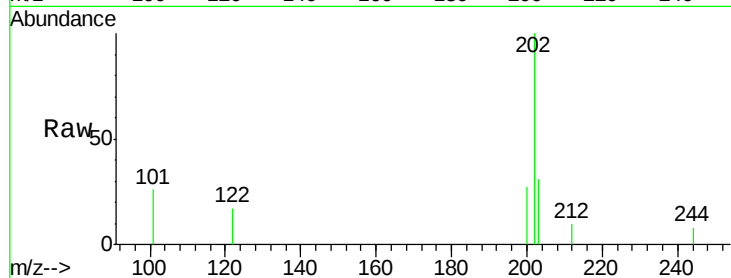
Tgt Ion:202 Resp: 952

Ion Ratio Lower Upper

202 100

200 22.7 16.7 25.1

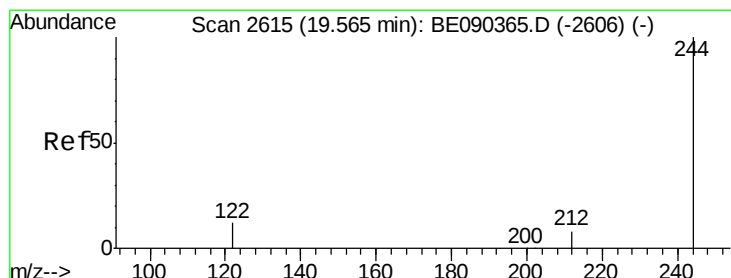
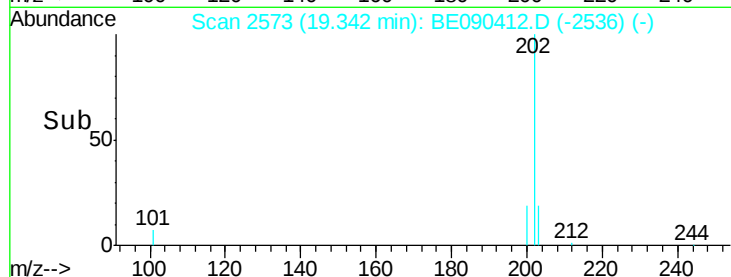
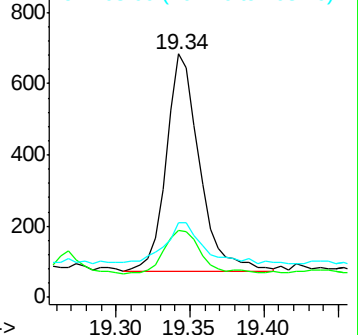
203 23.1 13.8 20.8#



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



#27

Terphenyl-d14

Concen: 4.99 ng

RT: 19.55 min Scan# 2613

Delta R.T. -0.01 min

Lab File: BE090412.D

Acq: 10 Aug 2015 21:25

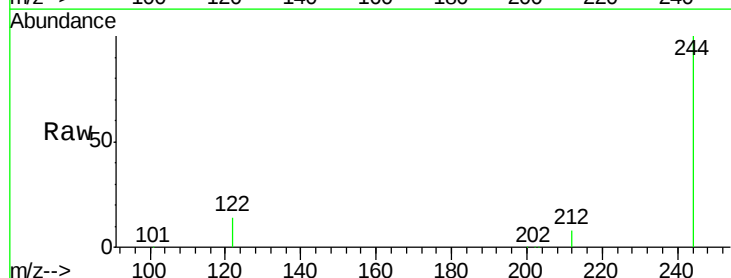
Tgt Ion:244 Resp: 146261

Ion Ratio Lower Upper

244 100

212 8.4 6.6 9.8

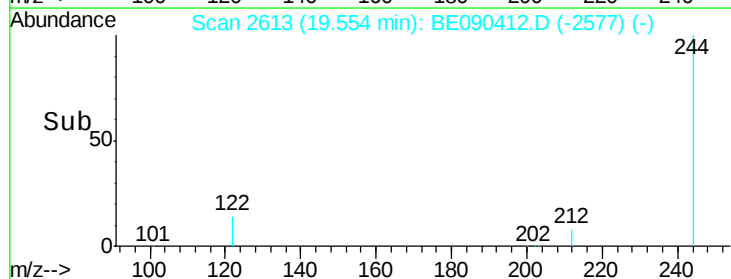
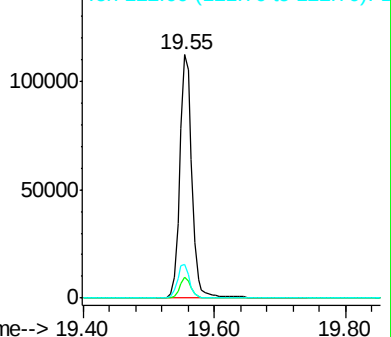
122 13.9 10.2 15.4

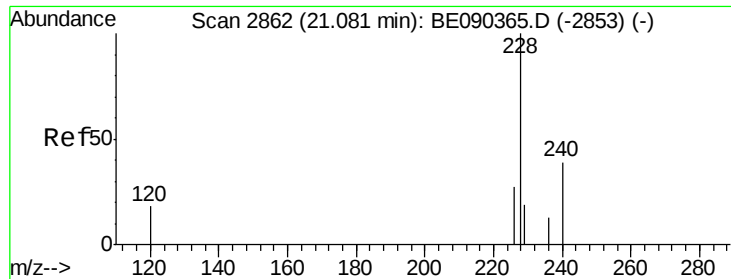


Abundance Ion 244.00 (243.70 to 244.70): E

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# 2863

Delta R.T. 0.01 min

Lab File: BE090412.D

Acq: 10 Aug 2015 21:25

Instrument :

BNA_E

ClientSampleId :

080515-D506-F-D-B

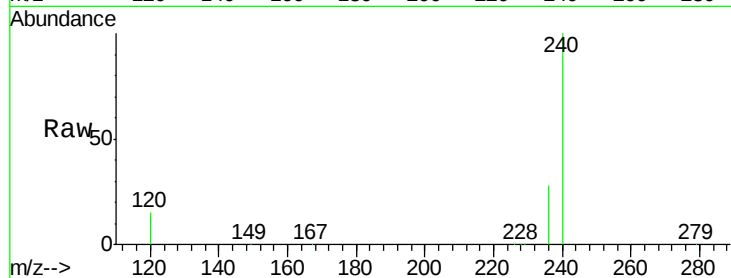
Tgt Ion:228 Resp: 988

Ion Ratio Lower Upper

228 100

226 27.0 21.9 32.9

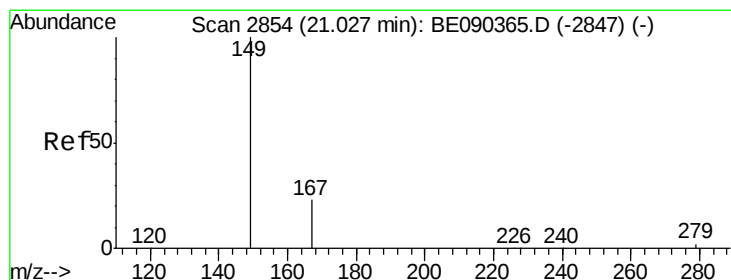
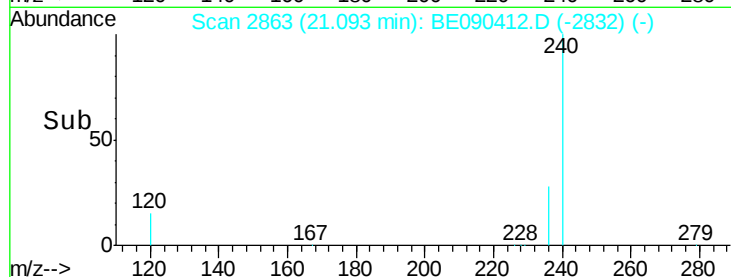
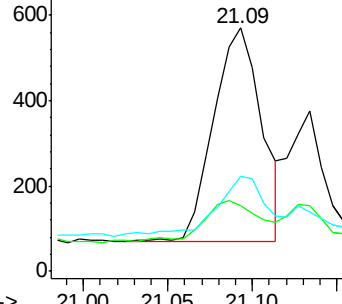
229 39.2 15.4 23.0#



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: 0.49 ng

RT: 21.03 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BE090412.D

Acq: 10 Aug 2015 21:25

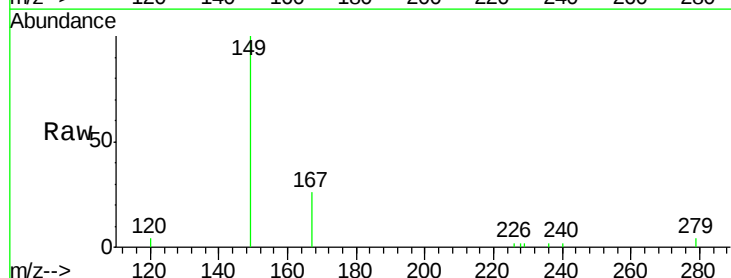
Tgt Ion:149 Resp: 4149

Ion Ratio Lower Upper

149 100

167 25.5 19.8 29.8

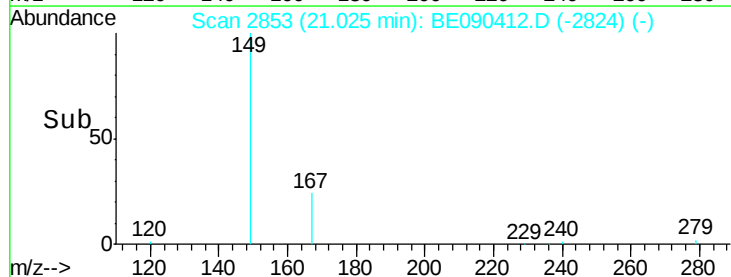
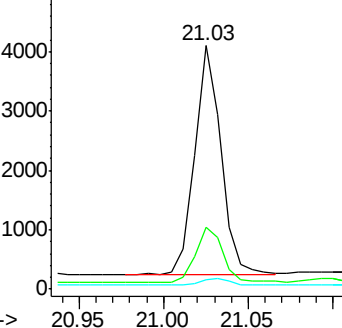
279 3.0 2.4 3.6

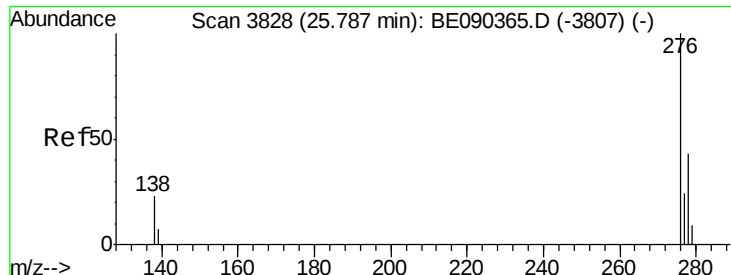


Abundance Ion 149.00 (148.70 to 149.70): E

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: 25.79 min Scan# 3828

Delta R.T. -0.00 min

Lab File: BE090412.D

Acq: 10 Aug 2015 21:25

Instrument :

BNA_E

ClientSampleId :

080515-D506-F-D-B

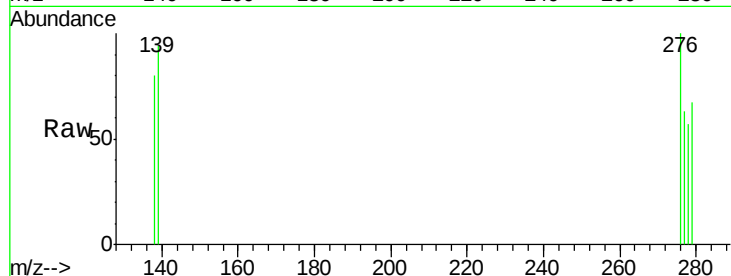
Tgt Ion:276 Resp: 245

Ion Ratio Lower Upper

276 100

138 0.0 18.8 28.2#

277 16.3 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

25.79

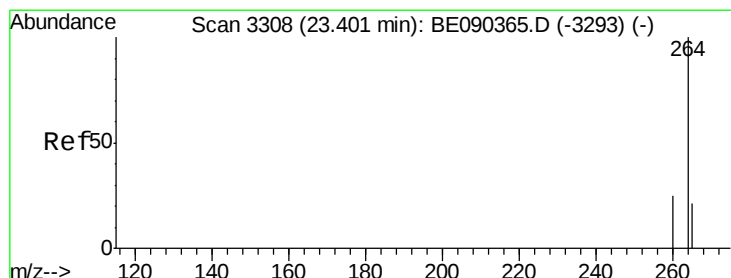
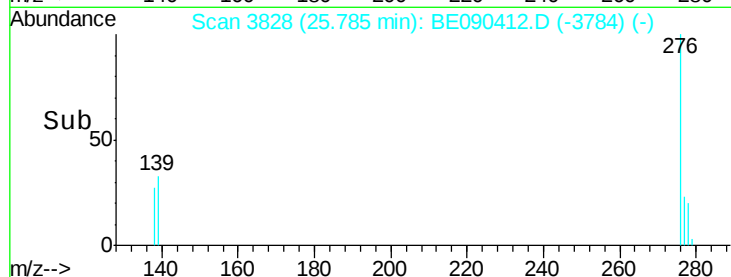
100

50

0

25.70 25.80 25.90

Time-->



#32

Perylene-d12

Concen: 5.00 ng

RT: 23.40 min Scan# 3308

Delta R.T. 0.00 min

Lab File: BE090412.D

Acq: 10 Aug 2015 21:25

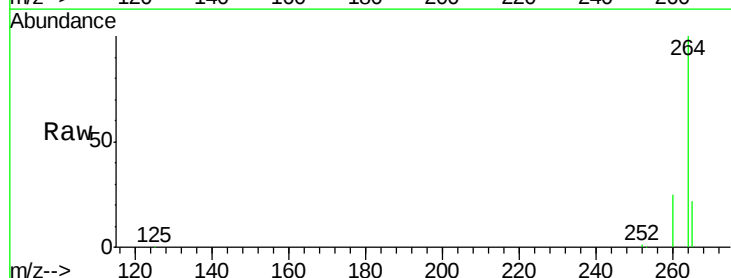
Tgt Ion:264 Resp: 186626

Ion Ratio Lower Upper

264 100

260 24.7 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

100000

80000

60000

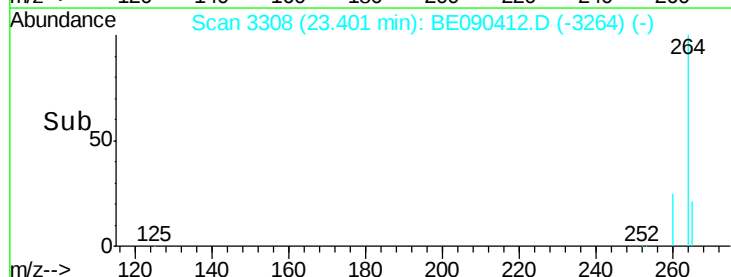
40000

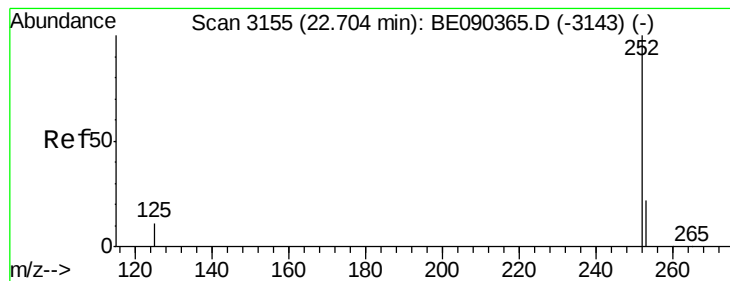
20000

0

23.20 23.40 23.60

Time-->





#33

Benzo(b)fluoranthene

Concen: 0.21 ng

RT: 22.70 min Scan# 3155

Delta R.T. 0.00 min

Lab File: BE090412.D

Acq: 10 Aug 2015 21:25

Instrument :

BNA_E

ClientSampleId :

080515-D506-F-D-B

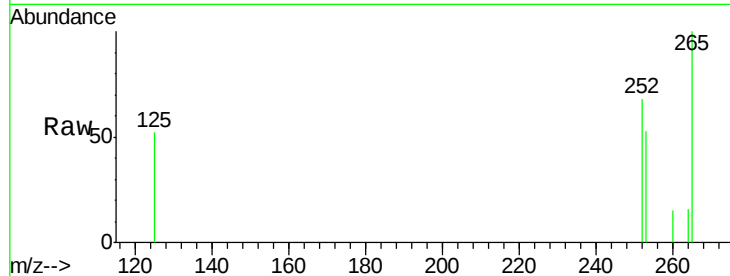
Tgt Ion: 252 Resp: 691

Ion Ratio Lower Upper

252 100

253 78.5 18.1 27.1#

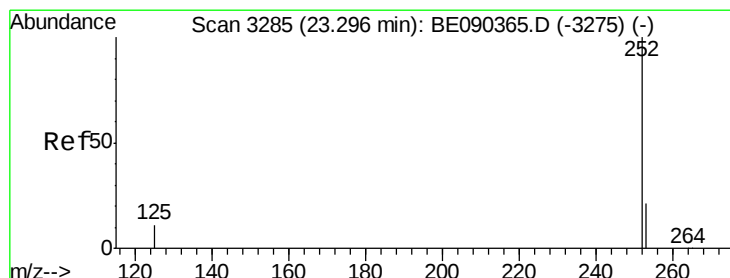
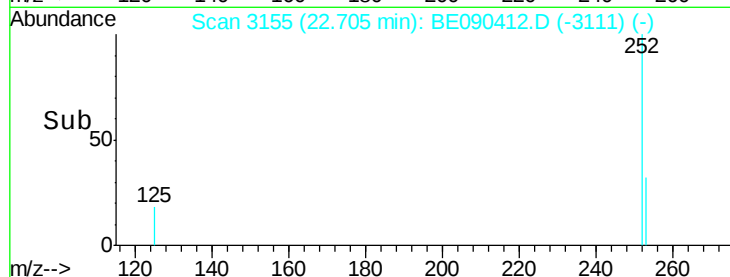
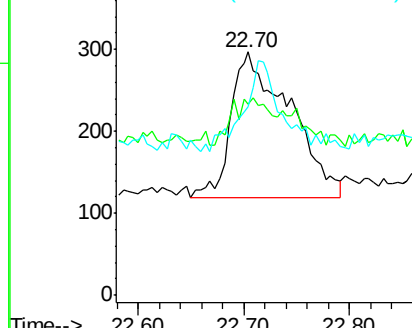
125 77.4 9.4 14.2#



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



#35

Benzo(a)pyrene

Concen: 0.23 ng

RT: 23.30 min Scan# 3285

Delta R.T. 0.00 min

Lab File: BE090412.D

Acq: 10 Aug 2015 21:25

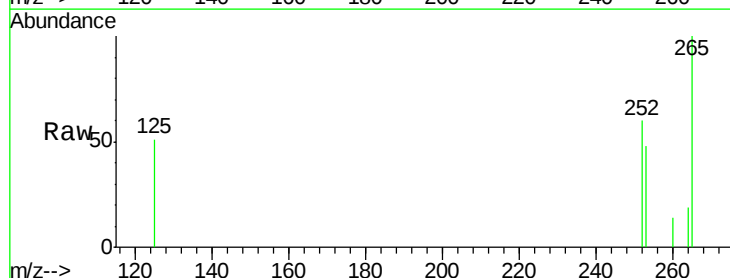
Tgt Ion: 252 Resp: 258

Ion Ratio Lower Upper

252 100

253 81.0 17.6 26.4#

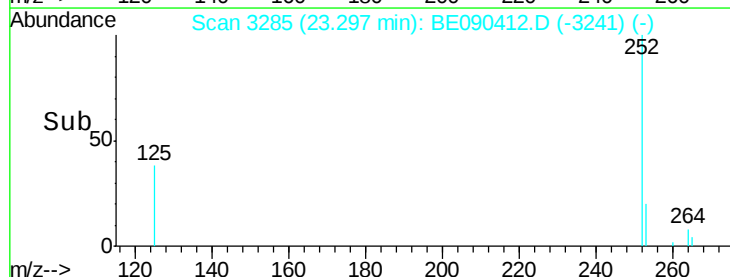
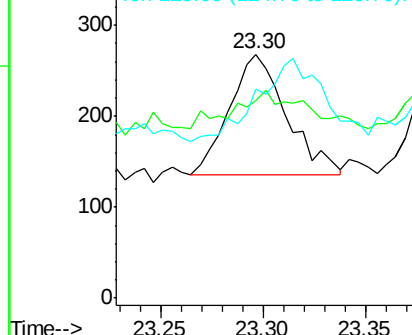
125 85.8 9.8 14.6#

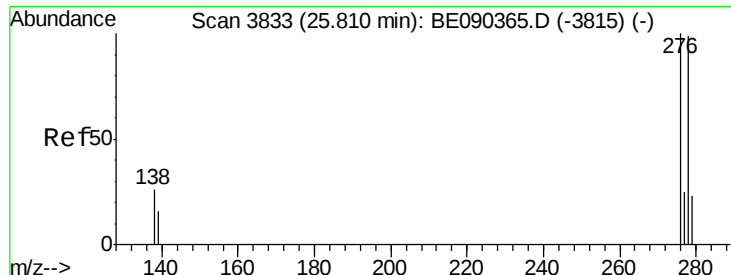


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#36

Dibenzo(a,h)anthracene

Concen: 0.29 ng

RT: 25.81 min Scan# 3833

Delta R.T. -0.00 min

Lab File: BE090412.D

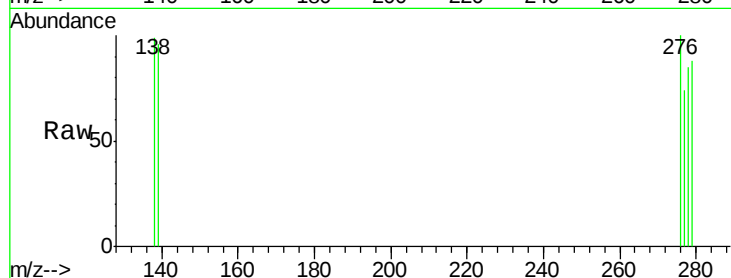
Acq: 10 Aug 2015 21:25

Instrument :

BNA_E

ClientSampleId :

080515-D506-F-D-B



Tgt Ion: 278 Resp: 108

Ion Ratio Lower Upper

278 100

139 112.8 14.2 21.4#

279 103.5 20.1 30.1#

