

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081015\
 Data File : BE090420.D
 Acq On : 11 Aug 2015 2:50
 Operator : TP/UM
 Sample : G3213-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DFTPP

Quant Time: Aug 11 04:16:54 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	27687	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	128810	5.00	ng	0.00
12) Acenaphthene-d10	14.20	164	75878	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	178038	5.00	ng	0.00
25) Chrysene-d12	21.09	240	204053	5.00	ng	0.00
32) Perylene-d12	23.40	264	190120	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.21	112	15216	3.66	ng	0.00
5) Phenol-d6	6.77	99	14686	1.83	ng	0.00
7) Nitrobenzene-d5	8.73	82	34361	3.35	ng	0.00
13) 2,4,6-Tribromophenol	15.71	330	18931	8.10	ng	0.00
14) 2-Fluorobiphenyl	12.82	172	83147	3.98	ng	0.00
27) Terphenyl-d14	19.55	244	153848	5.12	ng	-0.01

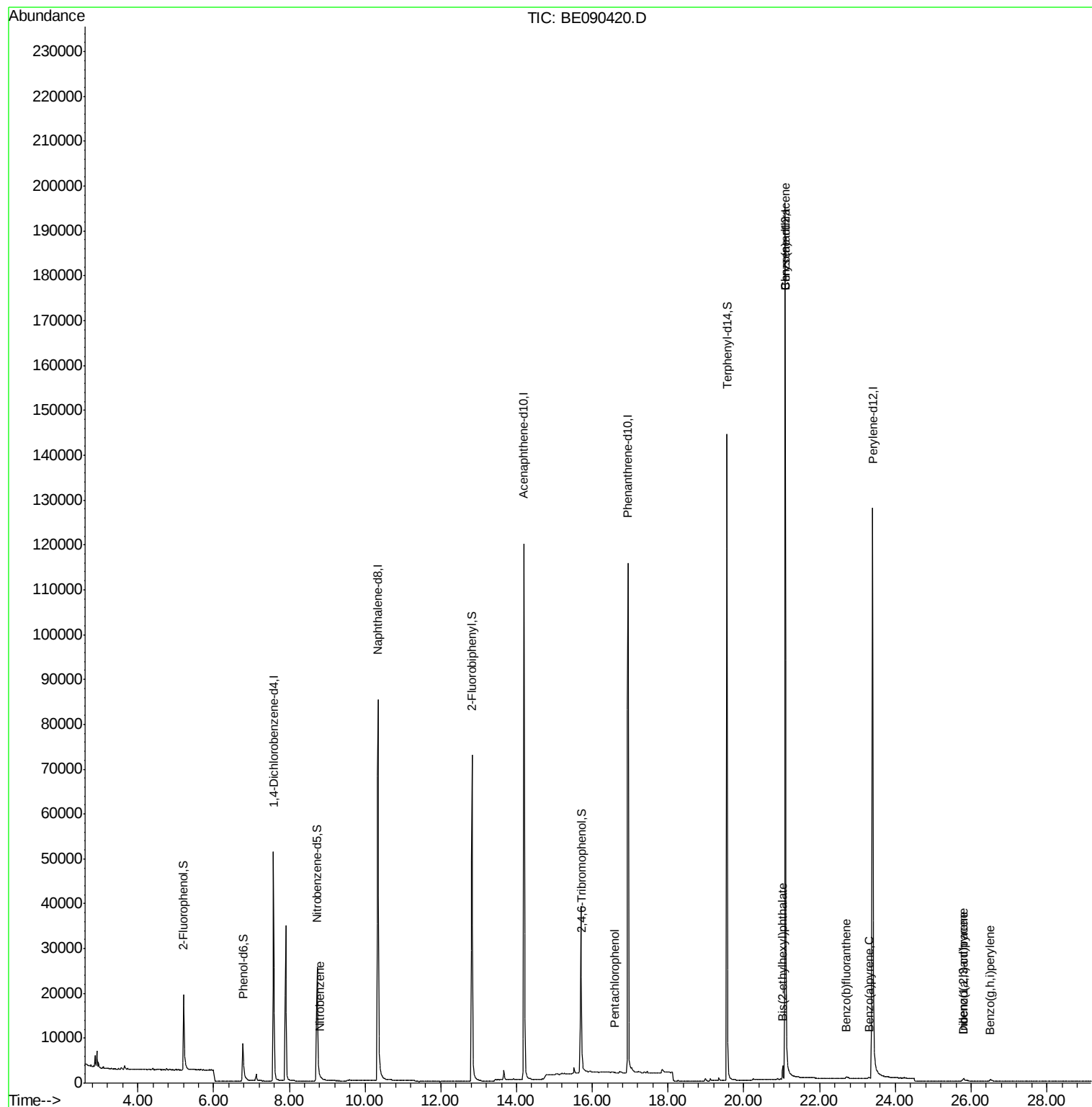
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.20	88	79	Below Cal	#	1
8) Nitrobenzene	8.82	77	14	0.21 ng	#	52
10) Hexachlorobutadiene	10.69	225	2	Below Cal	#	1
21) Pentachlorophenol	16.60	266	19	0.11 ng	#	69
28) Benzo(a)anthracene	21.09	228	938	0.02 ng	#	81
30) Bis(2-ethylhexyl)phthalate	21.03	149	2548	0.34 ng	#	98
31) Indeno(1,2,3-cd)pyrene	25.79	276	981	0.27 ng		95
33) Benzo(b)fluoranthene	22.71	252	537	0.20 ng	#	1
35) Benzo(a)pyrene	23.30	252	489	0.24 ng	#	1
36) Dibenzo(a,h)anthracene	25.81	278	708	0.30 ng	#	39
37) Benzo(g,h,i)perylene	26.51	276	810	0.02 ng	#	50

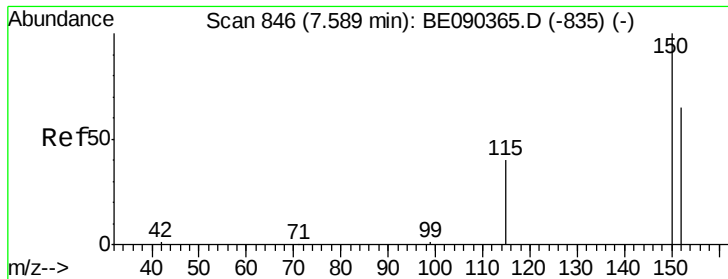
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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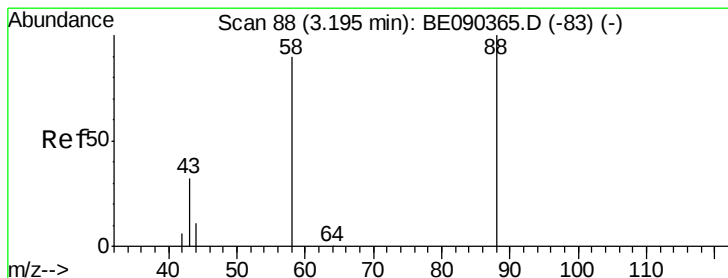
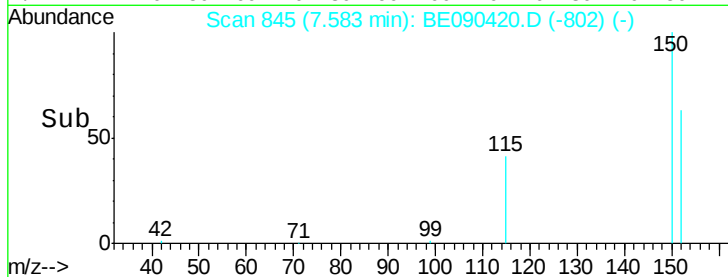
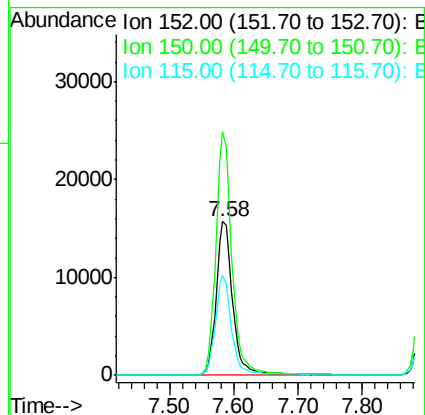
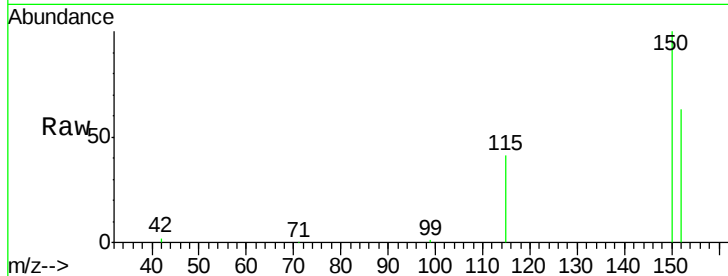


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.58 min Scan# 845
Delta R.T. -0.01 min
Lab File: BE090420.D
Acq: 11 Aug 2015 2:50

Instrument :
BNA_E
ClientSampleId :
DFTPP

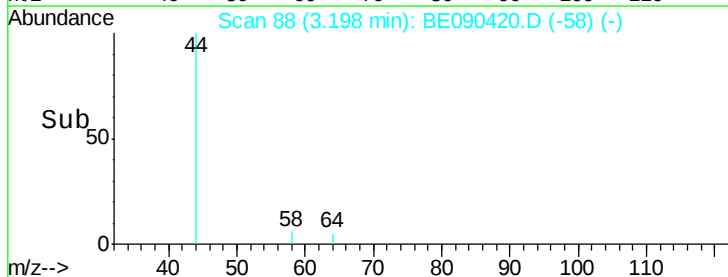
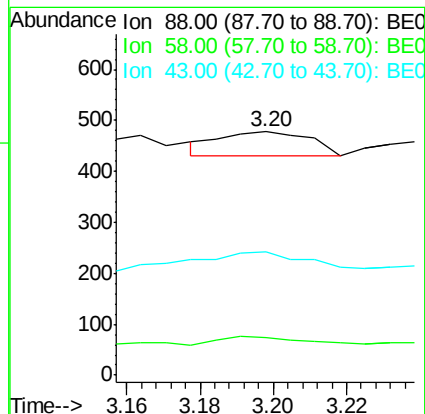
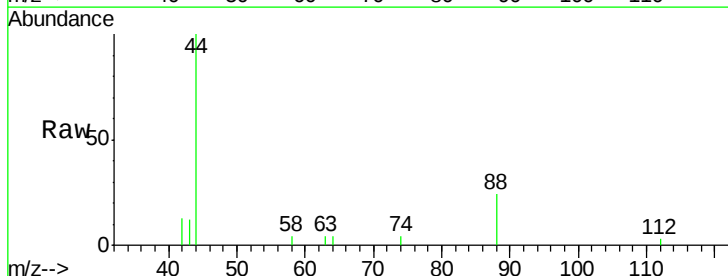
Tgt Ion:152 Resp: 27687
Ion Ratio Lower Upper
152 100
150 158.4 123.0 184.4
115 65.0 48.9 73.3



#2

1,4-Dioxane
Concen: Below Cal
RT: 3.20 min Scan# 88
Delta R.T. 0.00 min
Lab File: BE090420.D
Acq: 11 Aug 2015 2:50

Tgt Ion: 88 Resp: 79
Ion Ratio Lower Upper
88 100
58 35.4 70.0 105.0#
43 163.3 28.4 42.6#





#4

2-Fluorophenol

Concen: 3.66 ng

RT: 5.21 min Scan# 385

Delta R.T. -0.00 min

Lab File: BE090420.D

Acq: 11 Aug 2015 2:50

Instrument :

BNA_E

ClientSampleId :

DFTPP

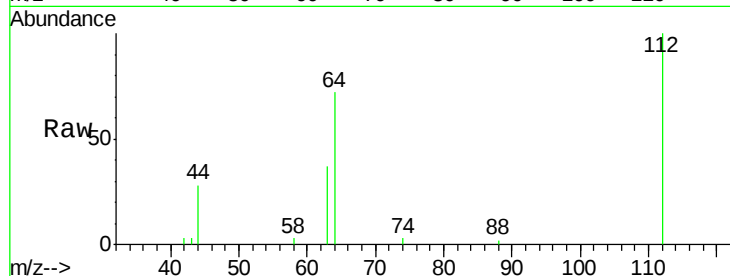
Tgt Ion: 112 Resp: 15216

Ion Ratio Lower Upper

112 100

64 70.9 37.1 55.7#

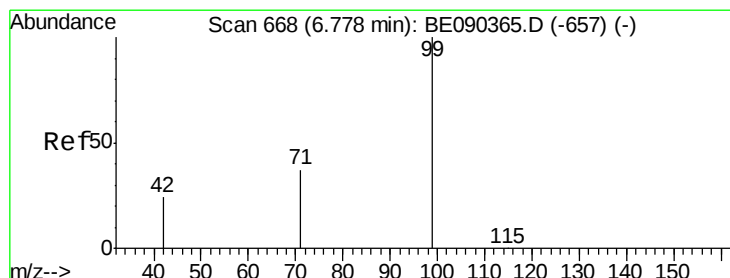
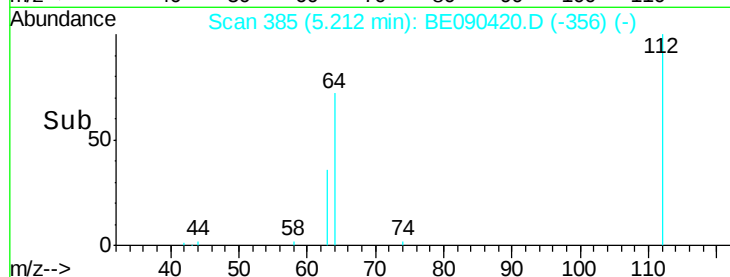
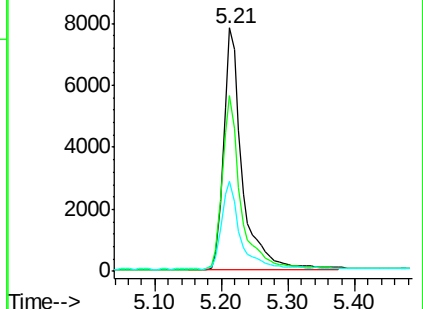
63 35.8 19.5 29.3#



Abundance Ion 112.00 (111.70 to 112.70): BE090420.D (-356) (-)

Ion 64.00 (63.70 to 64.70): BE090420.D (-356) (-)

Ion 63.00 (62.70 to 63.70): BE090420.D (-356) (-)



#5

Phenol-d6

Concen: 1.83 ng

RT: 6.77 min Scan# 667

Delta R.T. -0.01 min

Lab File: BE090420.D

Acq: 11 Aug 2015 2:50

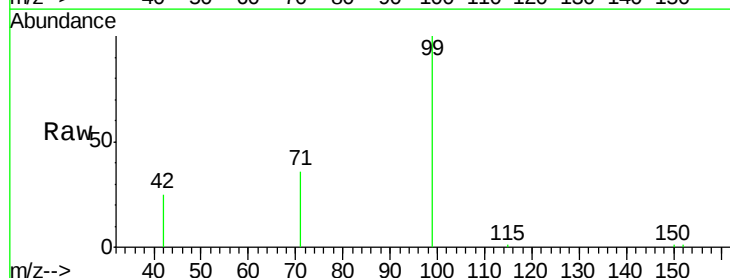
Tgt Ion: 99 Resp: 14686

Ion Ratio Lower Upper

99 100

42 21.0 18.2 27.4

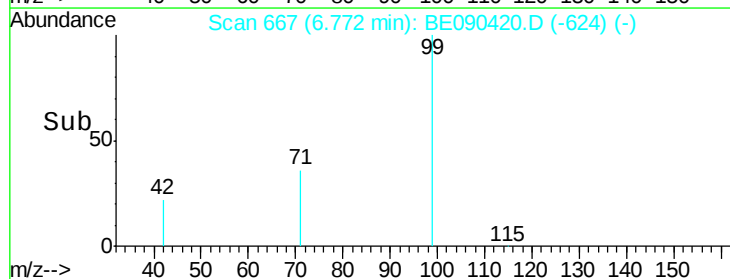
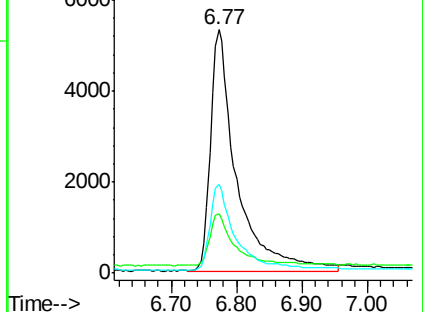
71 35.0 27.4 41.0

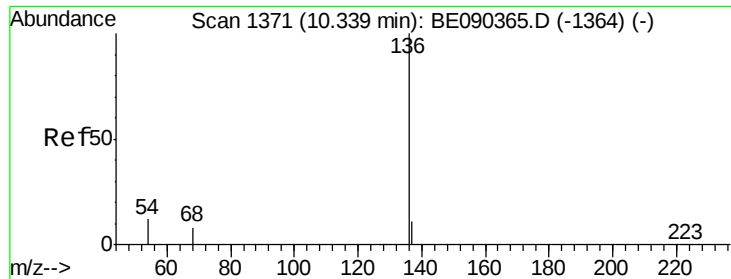


Abundance Ion 99.00 (98.70 to 99.70): BE090420.D (-624) (-)

Ion 42.00 (41.70 to 42.70): BE090420.D (-624) (-)

Ion 71.00 (70.70 to 71.70): BE090420.D (-624) (-)

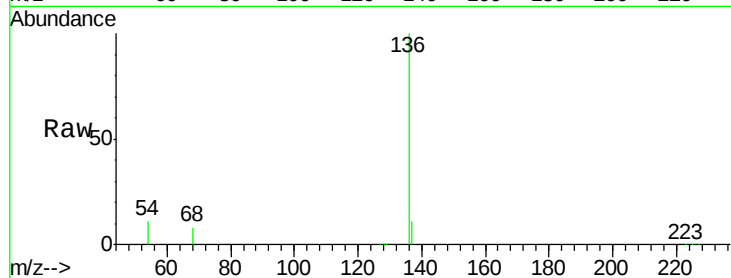




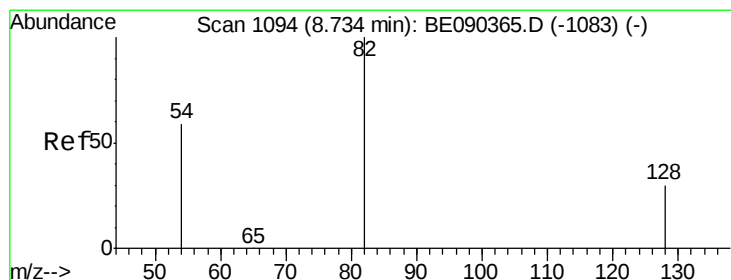
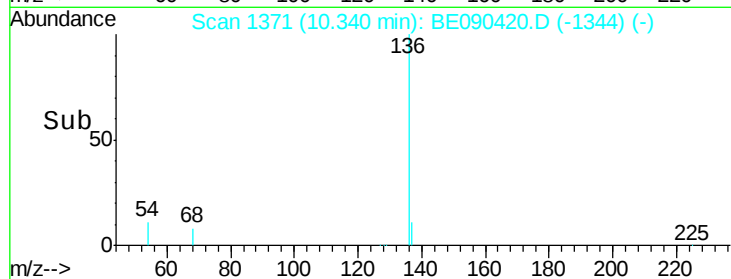
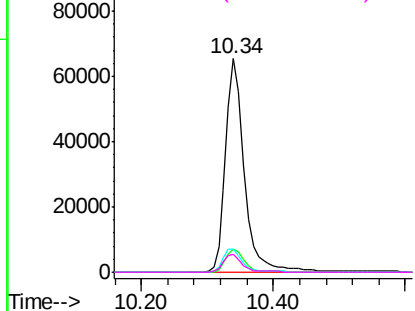
#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.34 min Scan# 1371
Delta R.T. 0.00 min
Lab File: BE090420.D
Acq: 11 Aug 2015 2:50

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tgt Ion:	136	Resp:	128810
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	11.1	9.4	14.0
68	8.2	6.5	9.7

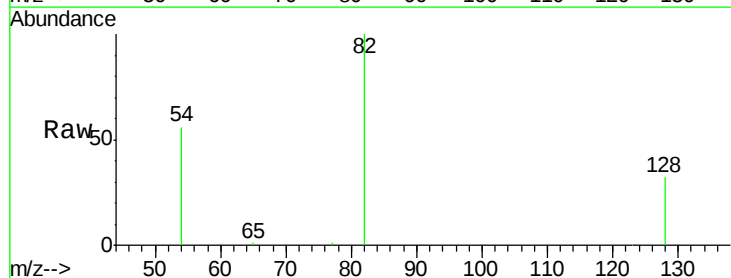


Abundance Ion 136.00 (135.70 to 136.70): BE090420.D (-1364) (-)
Ion 137.00 (136.70 to 137.70): BE090420.D (-1364) (-)
Ion 54.00 (53.70 to 54.70): BE090420.D (-1364) (-)
Ion 68.00 (67.70 to 68.70): BE090420.D (-1364) (-)

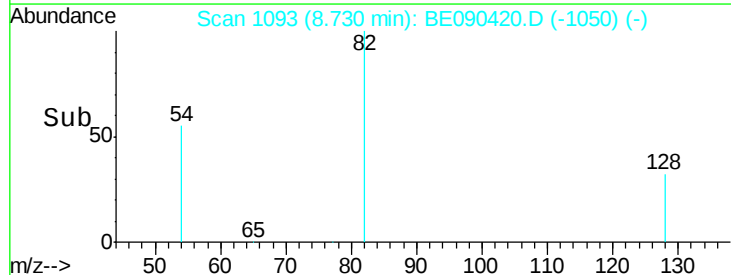
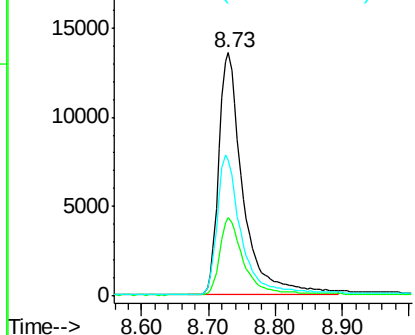


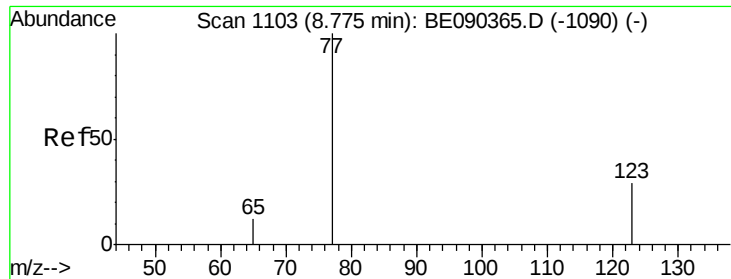
#7
Nitrobenzene-d5
Concen: 3.35 ng
RT: 8.73 min Scan# 1093
Delta R.T. -0.00 min
Lab File: BE090420.D
Acq: 11 Aug 2015 2:50

Tgt Ion:	82	Resp:	34361
Ion	Ratio	Lower	Upper
82	100		
128	32.0	25.0	37.6
54	55.8	48.8	73.2



Abundance Ion 82.00 (81.70 to 82.70): BE090420.D (-1050) (-)
Ion 128.00 (127.70 to 128.70): BE090420.D (-1050) (-)
Ion 54.00 (53.70 to 54.70): BE090420.D (-1050) (-)





#8

Nitrobenzene

Concen: 0.21 ng

RT: 8.82 min Scan# 1113

Delta R.T. 0.05 min

Lab File: BE090420.D

Acq: 11 Aug 2015 2:50

Instrument :

BNA_E

ClientSampleId :

DFTPP

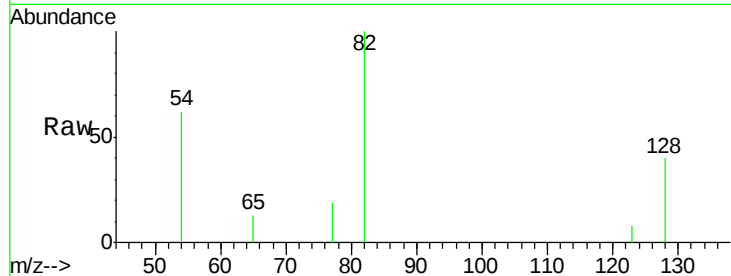
Tgt Ion: 77 Resp: 14

Ion Ratio Lower Upper

77 100

123 0.0 25.1 37.7#

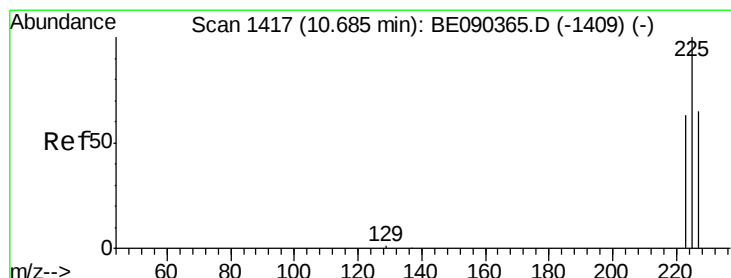
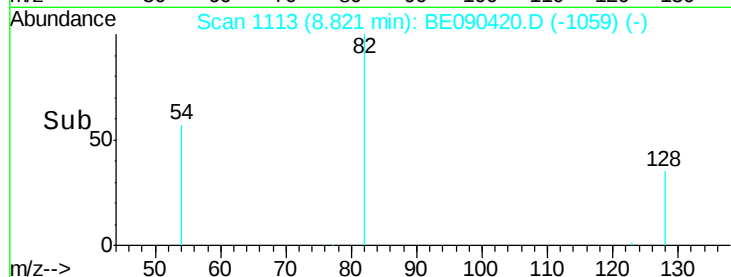
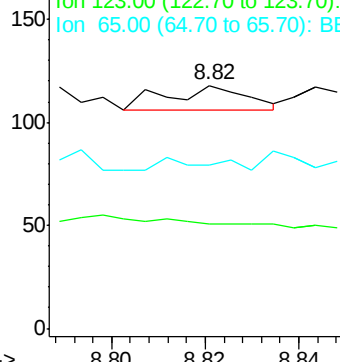
65 21.4 9.3 13.9#



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: 10.69 min Scan# 1417

Delta R.T. 0.00 min

Lab File: BE090420.D

Acq: 11 Aug 2015 2:50

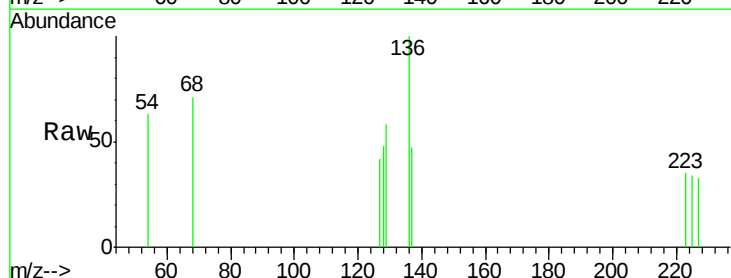
Tgt Ion: 225 Resp: 2

Ion Ratio Lower Upper

225 100

223 200.0 50.6 75.8#

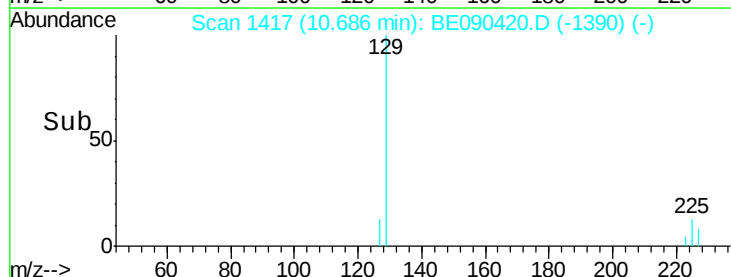
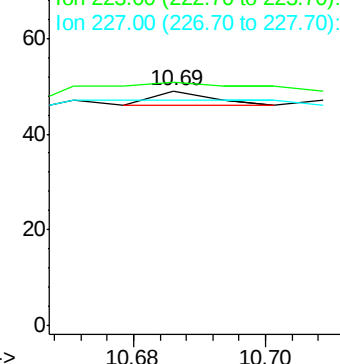
227 0.0 50.7 76.1#

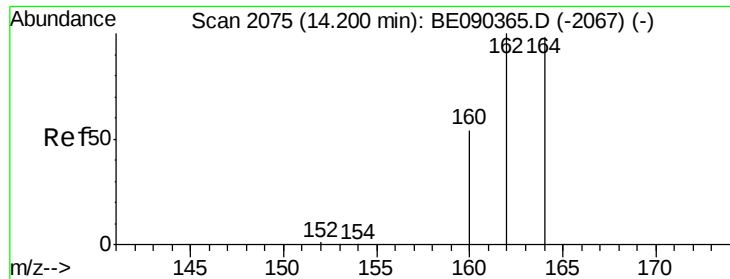


Abundance Ion 225.00 (224.70 to 225.70): BE090365.D (-1409) (-)

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: BE090420.D

Acq: 11 Aug 2015 2:50

Instrument :

BNA_E

ClientSampleId :

DFTPP

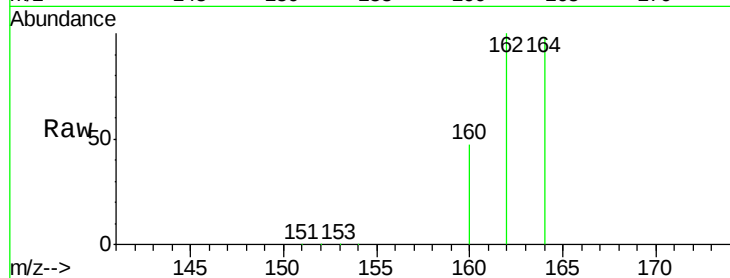
Tgt Ion:164 Resp: 75878

Ion Ratio Lower Upper

164 100

162 101.9 81.8 122.8

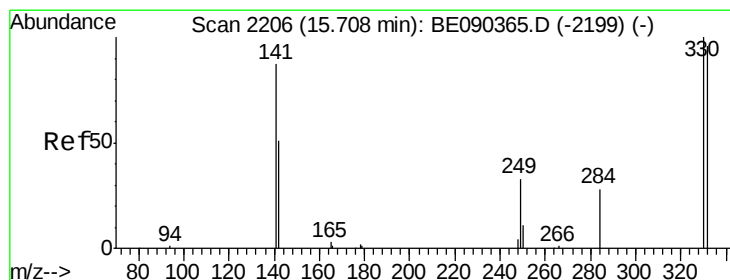
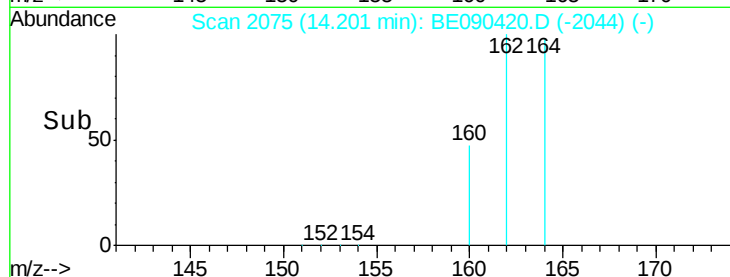
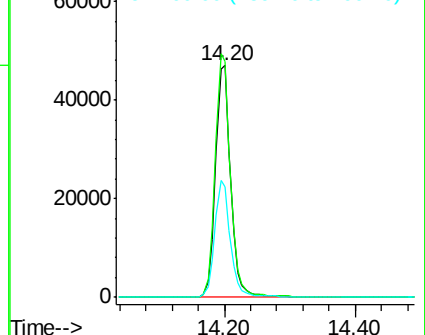
160 47.5 44.2 66.4



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: 8.10 ng

RT: 15.71 min Scan# 2206

Delta R.T. 0.00 min

Lab File: BE090420.D

Acq: 11 Aug 2015 2:50

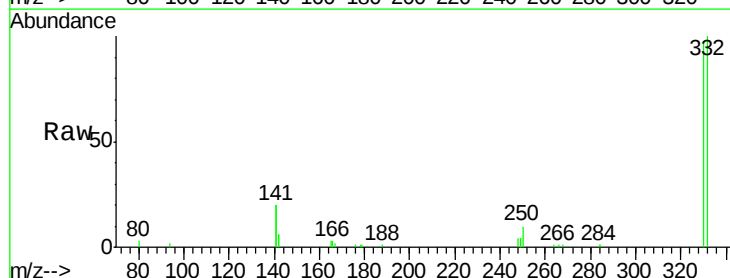
Tgt Ion:330 Resp: 18931

Ion Ratio Lower Upper

330 100

332 97.7 75.8 113.6

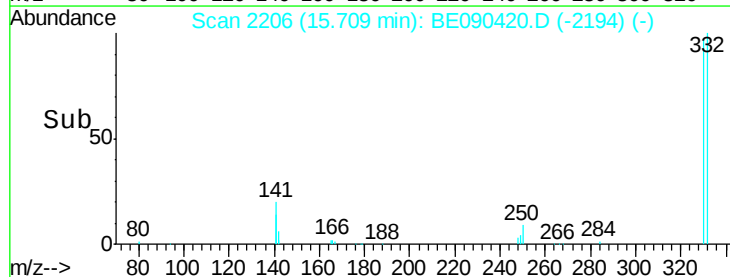
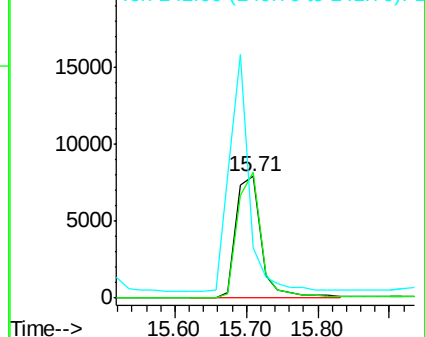
141 154.3 114.4 171.6



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

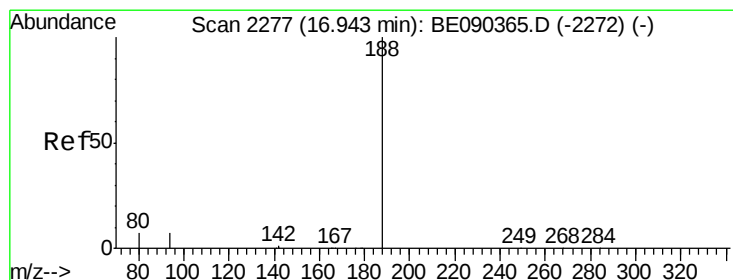
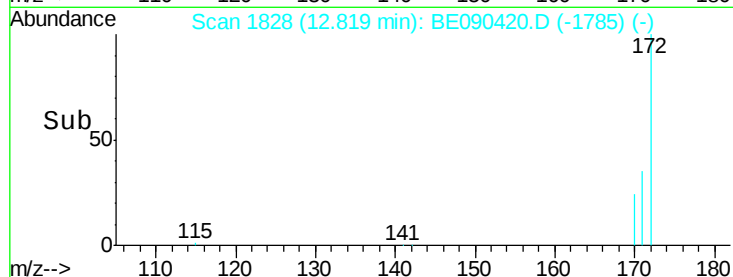
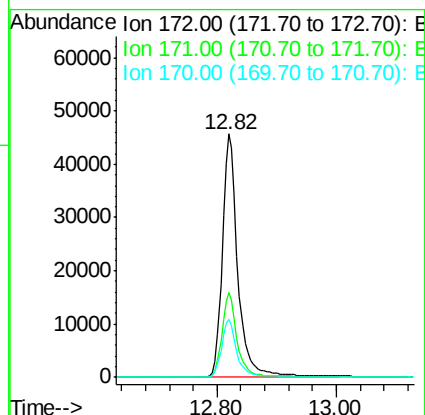
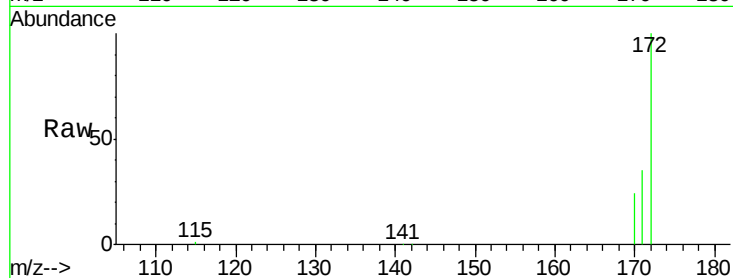




#14
2-Fluorobiphenyl
Concen: 3.98 ng
RT: 12.82 min Scan# 1828
Delta R.T. -0.00 min
Lab File: BE090420.D
Acq: 11 Aug 2015 2:50

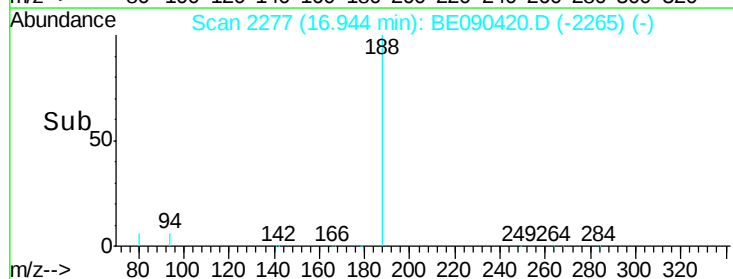
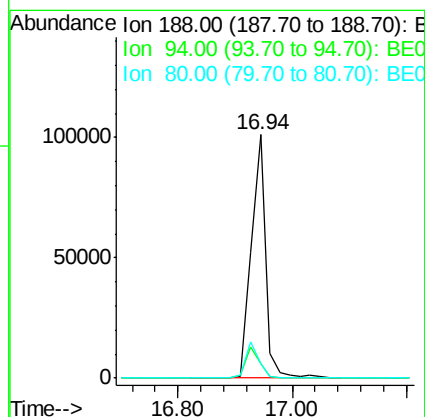
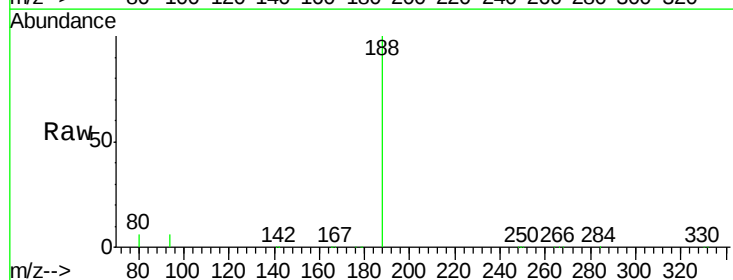
Instrument :
BNA_E
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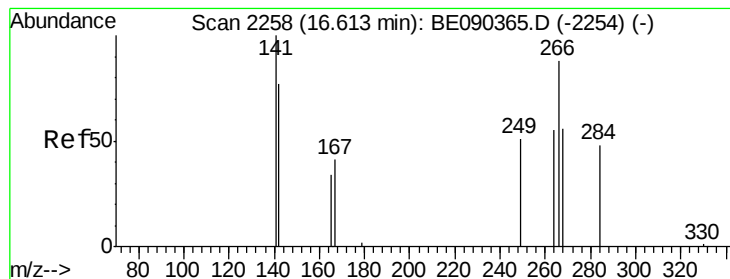
Tgt Ion:172 Resp: 83147
Ion Ratio Lower Upper
172 100
171 35.1 28.5 42.7
170 23.9 19.8 29.8



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 2277
Delta R.T. 0.00 min
Lab File: BE090420.D
Acq: 11 Aug 2015 2:50

Tgt Ion:188 Resp: 178038
Ion Ratio Lower Upper
188 100
94 5.9 5.7 8.5
80 5.9 5.8 8.8





#21

Pentachlorophenol

Concen: 0.11 ng

RT: 16.60 min Scan# 2257

Delta R.T. -0.02 min

Lab File: BE090420.D

Acq: 11 Aug 2015 2:50

Instrument :

BNA_E

ClientSampleId :

DFTPP

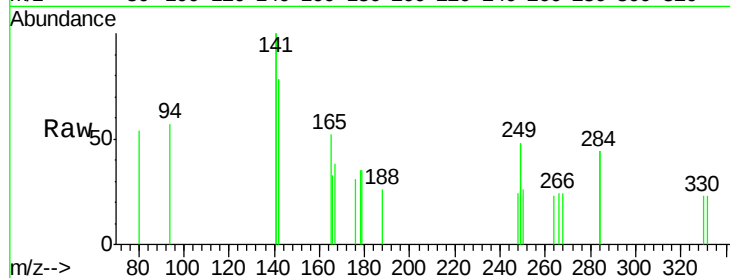
Tgt Ion:266 Resp: 19

Ion Ratio Lower Upper

266 100

268 100.0 58.5 87.7#

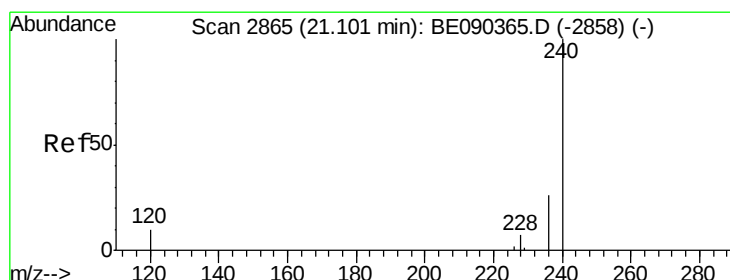
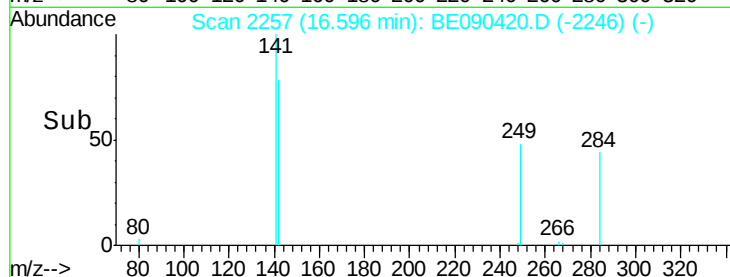
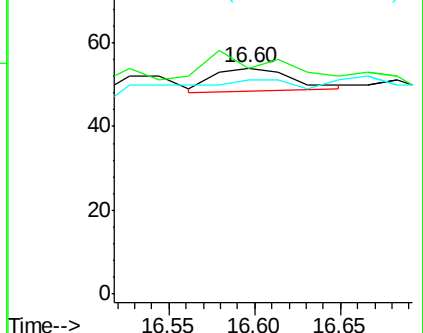
264 94.4 56.0 84.0#



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: 21.09 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BE090420.D

Acq: 11 Aug 2015 2:50

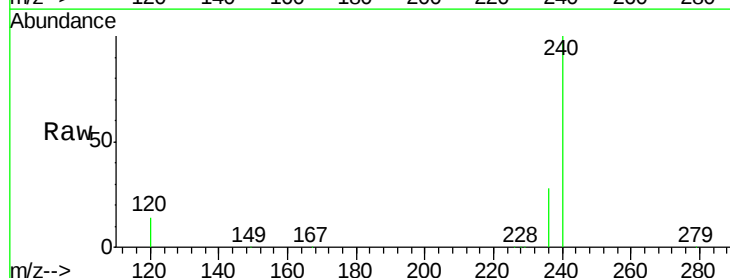
Tgt Ion:240 Resp: 204053

Ion Ratio Lower Upper

240 100

120 14.4 8.3 12.5#

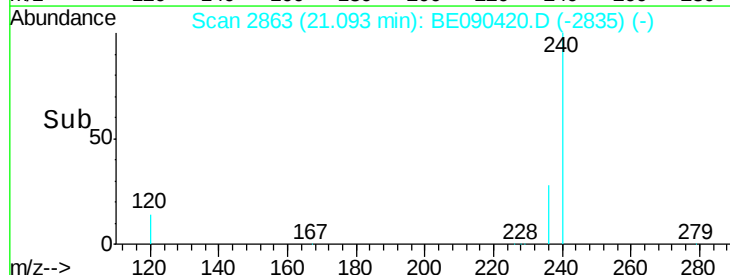
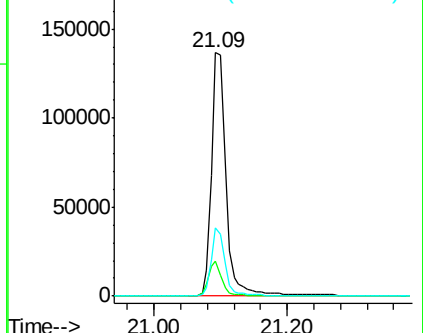
236 28.1 21.0 31.4

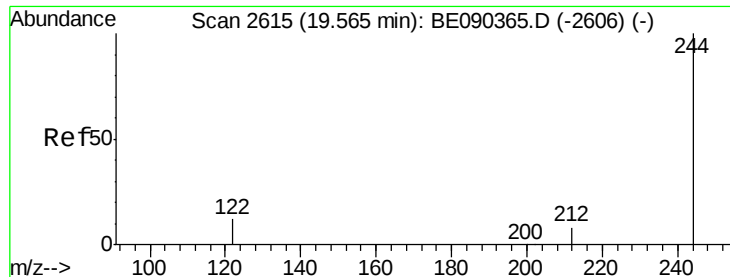


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

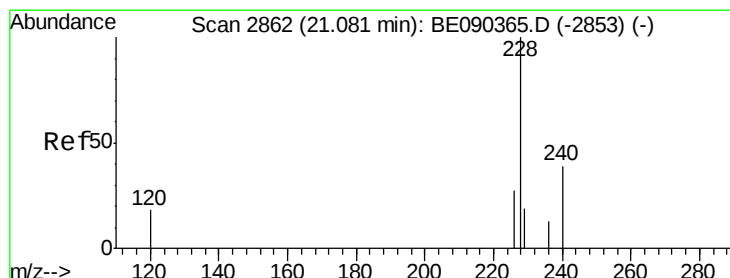
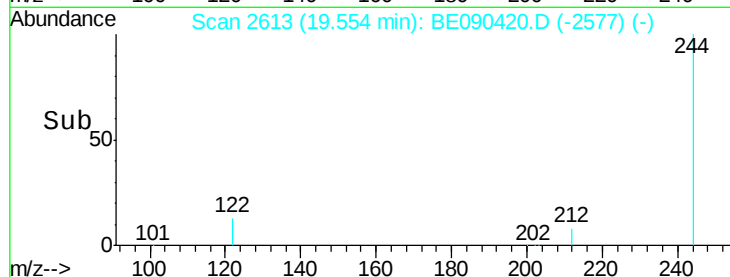
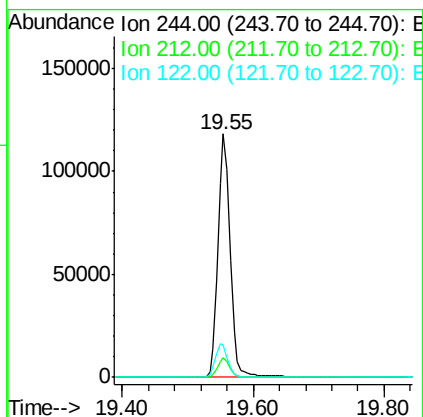
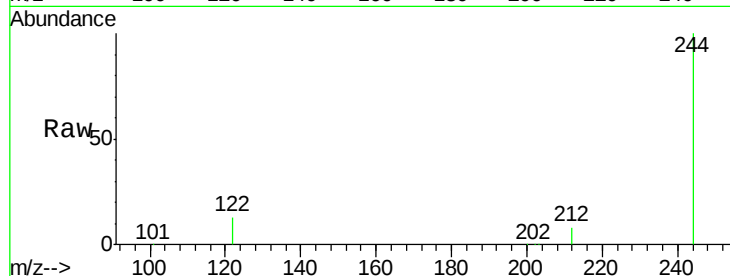




#27
 Terphenyl-d14
 Concen: 5.12 ng
 RT: 19.55 min Scan# 2613
 Delta R.T. -0.01 min
 Lab File: BE090420.D
 Acq: 11 Aug 2015 2:50

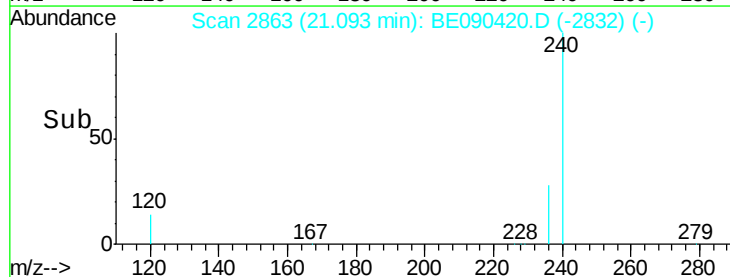
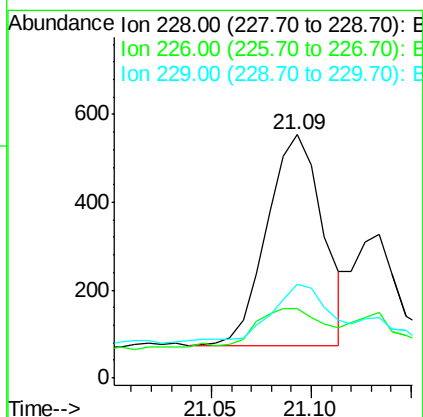
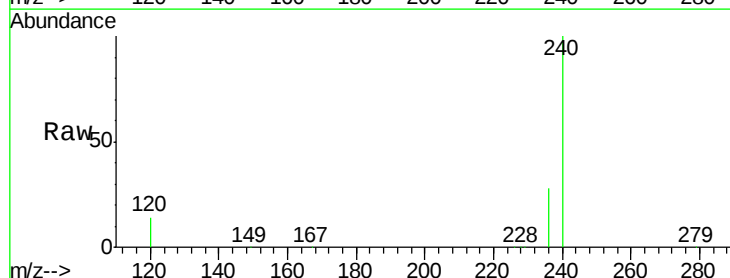
Instrument :
 BNA_E
 ClientSampleId :
 DFTPP

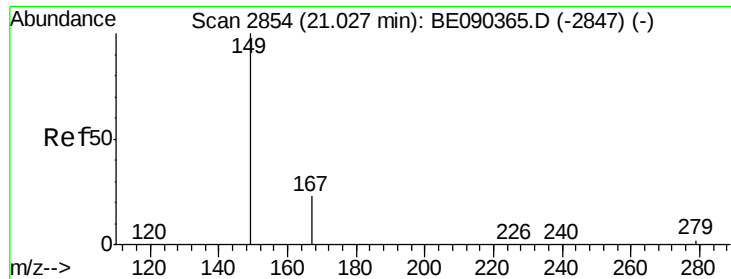
Tgt Ion: 244 Resp: 153848
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.6 9.8
 122 13.4 10.2 15.4



#28
 Benzo(a)anthracene
 Concen: 0.02 ng
 RT: 21.09 min Scan# 2863
 Delta R.T. 0.01 min
 Lab File: BE090420.D
 Acq: 11 Aug 2015 2:50

Tgt Ion: 228 Resp: 938
 Ion Ratio Lower Upper
 228 100
 226 28.3 21.9 32.9
 229 38.6 15.4 23.0#

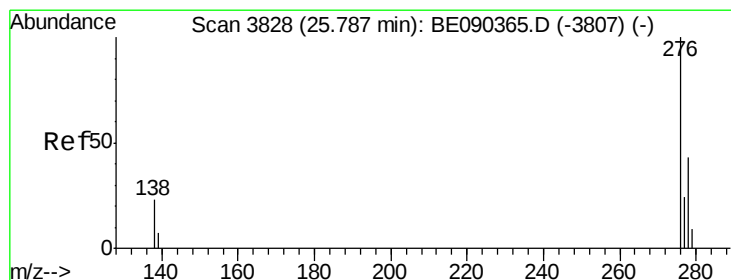
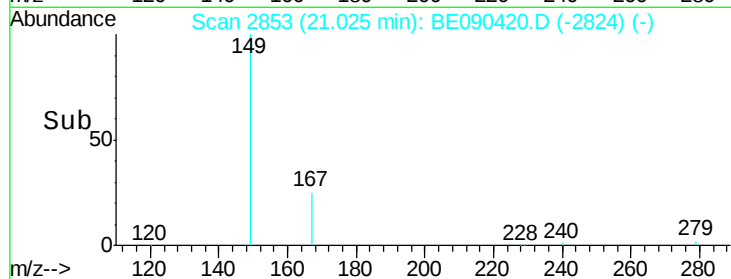
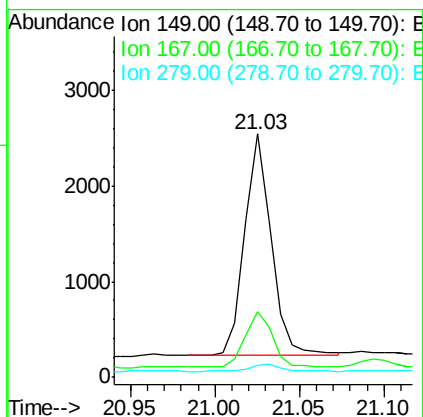
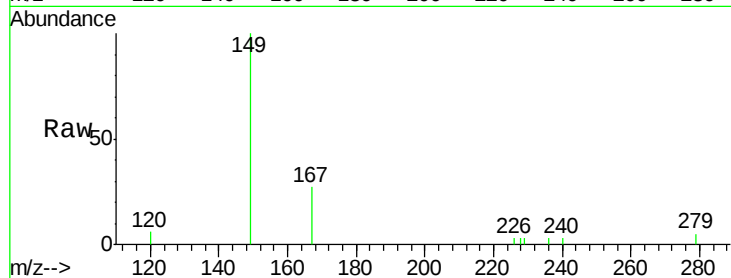




#30
 Bis(2-ethylhexyl)phthalate
 Concen: 0.34 ng
 RT: 21.03 min Scan# 2853
 Delta R.T. -0.00 min
 Lab File: BE090420.D
 Acq: 11 Aug 2015 2:50

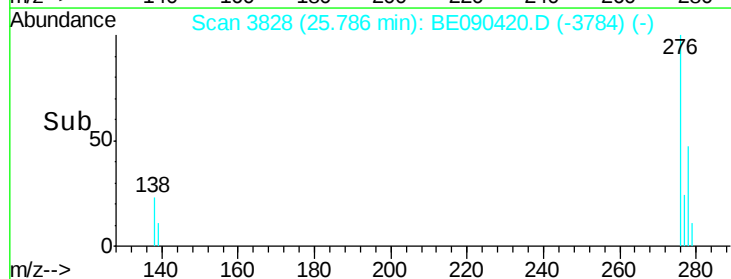
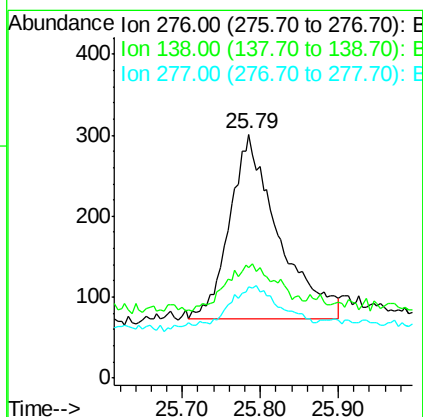
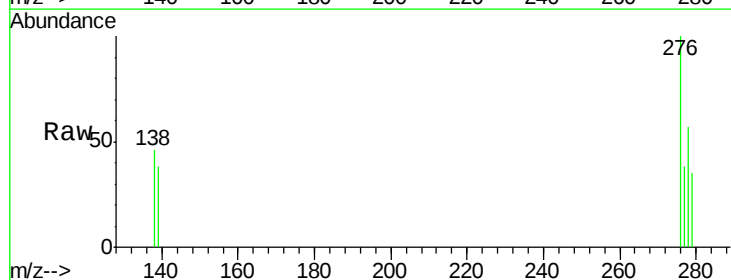
Instrument :
 BNA_E
 ClientSampleId :
 DFTPP

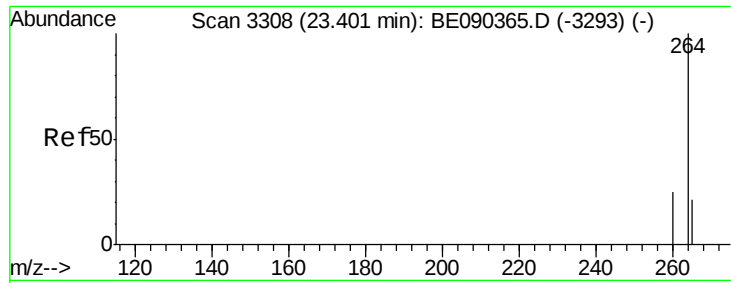
Tgt Ion: 149 Resp: 2548
 Ion Ratio Lower Upper
 149 100
 167 25.9 19.8 29.8
 279 4.1 2.4 3.6#



#31
 Indeno(1,2,3-cd)pyrene
 Concen: 0.27 ng
 RT: 25.79 min Scan# 3828
 Delta R.T. -0.00 min
 Lab File: BE090420.D
 Acq: 11 Aug 2015 2:50

Tgt Ion: 276 Resp: 981
 Ion Ratio Lower Upper
 276 100
 138 27.5 18.8 28.2
 277 21.8 18.2 27.4

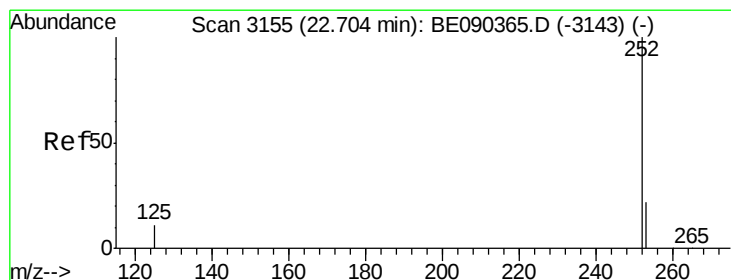
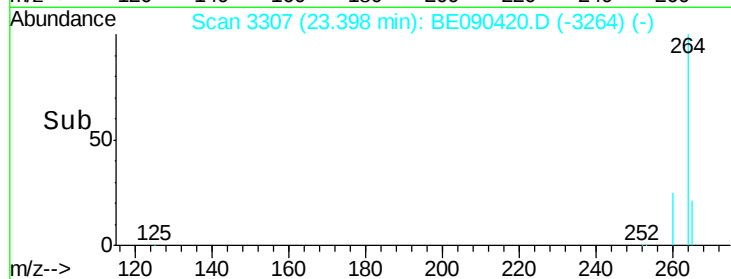
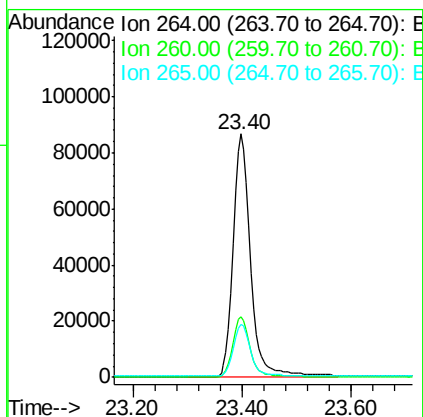




#32
Perylene-d12
 Concen: 5.00 ng
 RT: 23.40 min Scan# 3307
 Delta R.T. -0.00 min
 Lab File: BE090420.D
 Acq: 11 Aug 2015 2:50

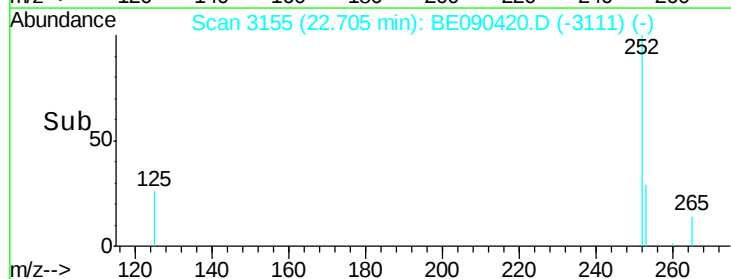
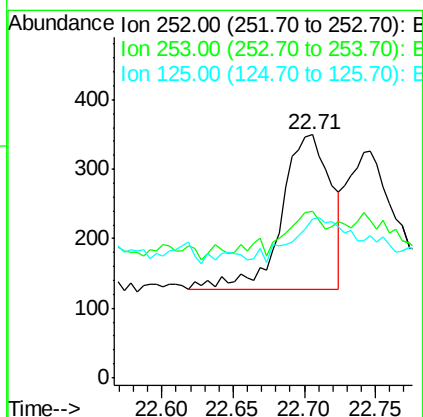
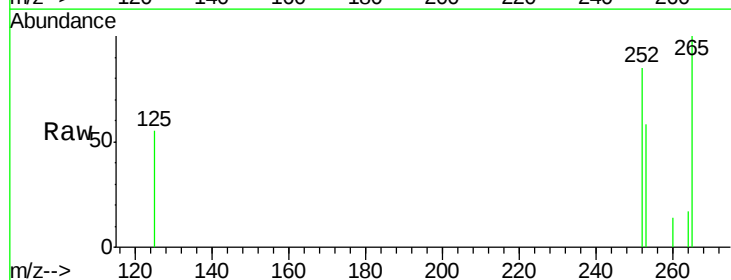
Instrument :
 BNA_E
 ClientSampleId :
 DFTPP

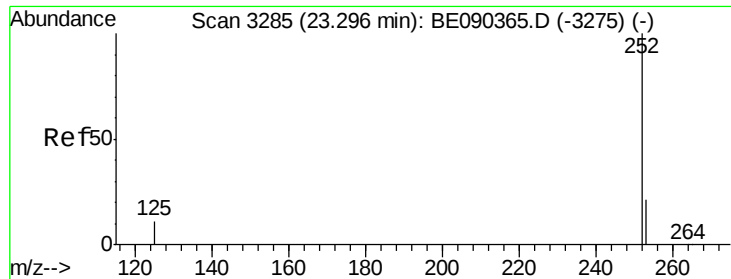
Tgt Ion: 264 Resp: 190120
 Ion Ratio Lower Upper
 264 100
 260 24.9 20.1 30.1
 265 21.8 17.2 25.8



#33
Benzo(b)fluoranthene
 Concen: 0.20 ng
 RT: 22.71 min Scan# 3155
 Delta R.T. 0.00 min
 Lab File: BE090420.D
 Acq: 11 Aug 2015 2:50

Tgt Ion: 252 Resp: 537
 Ion Ratio Lower Upper
 252 100
 253 68.3 18.1 27.1#
 125 65.1 9.4 14.2#





#35

Benzo(a)pyrene

Concen: 0.24 ng

RT: 23.30 min Scan# 3285

Delta R.T. 0.00 min

Lab File: BE090420.D

Acq: 11 Aug 2015 2:50

Instrument :

BNA_E

ClientSampleId :

DFTPP

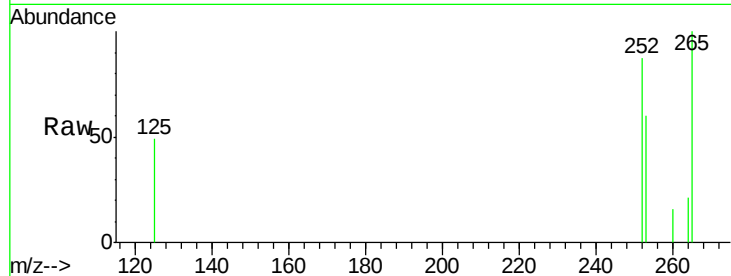
Tgt Ion: 252 Resp: 489

Ion Ratio Lower Upper

252 100

253 68.9 17.6 26.4#

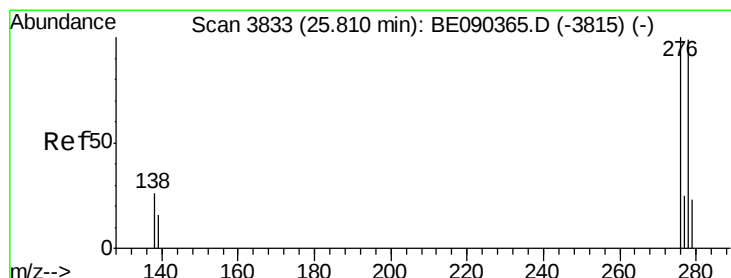
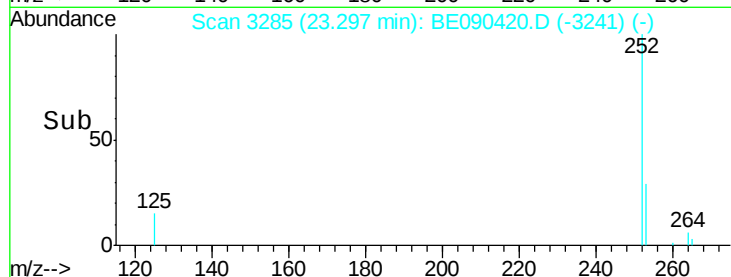
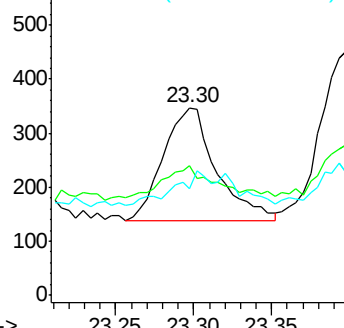
125 56.8 9.8 14.6#



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: 0.30 ng

RT: 25.81 min Scan# 3834

Delta R.T. 0.00 min

Lab File: BE090420.D

Acq: 11 Aug 2015 2:50

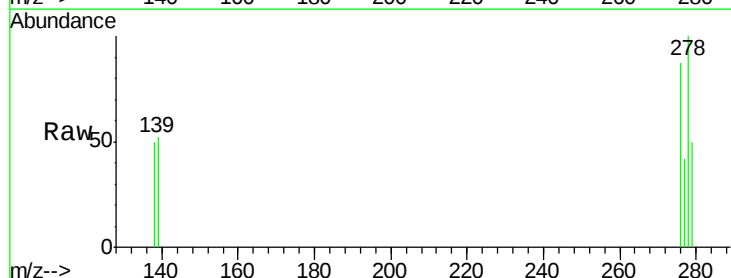
Tgt Ion: 278 Resp: 708

Ion Ratio Lower Upper

278 100

139 52.1 14.2 21.4#

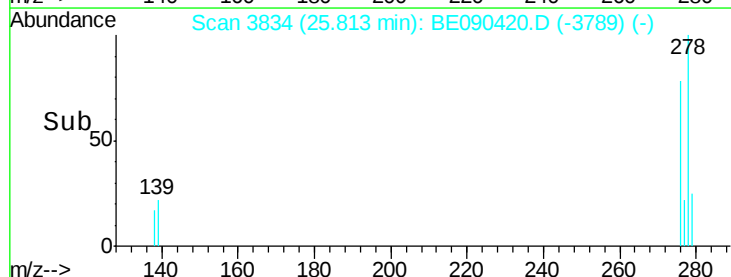
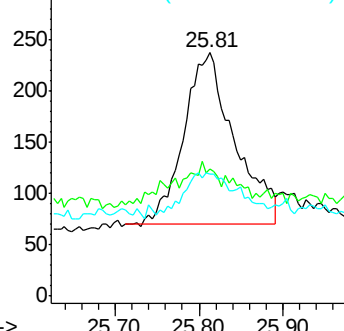
279 50.0 20.1 30.1#

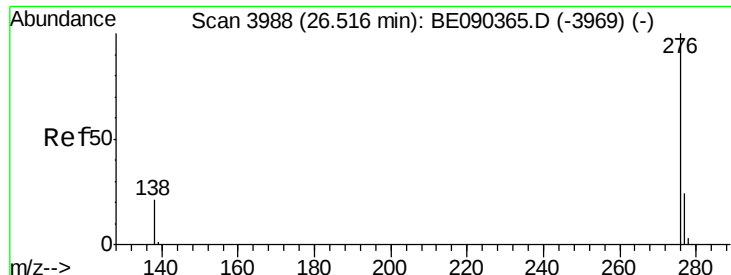


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#37

Benzo(g,h,i)perylene

Concen: 0.02 ng

RT: 26.51 min Scan# 3987

Delta R.T. -0.01 min

Lab File: BE090420.D

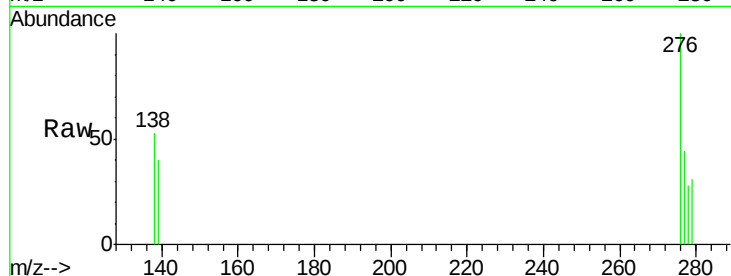
Acq: 11 Aug 2015 2:50

Instrument :

BNA_E

ClientSampleId :

DFTPP



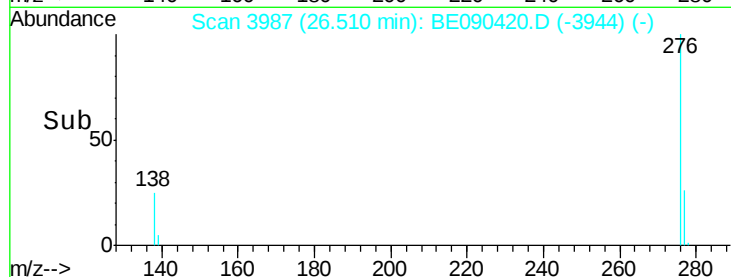
Tgt Ion: 276 Resp: 810

Ion Ratio Lower Upper

276 100

277 43.8 20.1 30.1#

138 53.5 18.1 27.1#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

