

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE082615\
 Data File : BE090639.D
 Acq On : 26 Aug 2015 16:17
 Operator : UM/IZ
 Sample : G3415-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 082515-D534-E-U-B

Quant Time: Aug 26 23:49:52 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE081415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 26 23:44:39 2015
 Response via : Initial Calibration

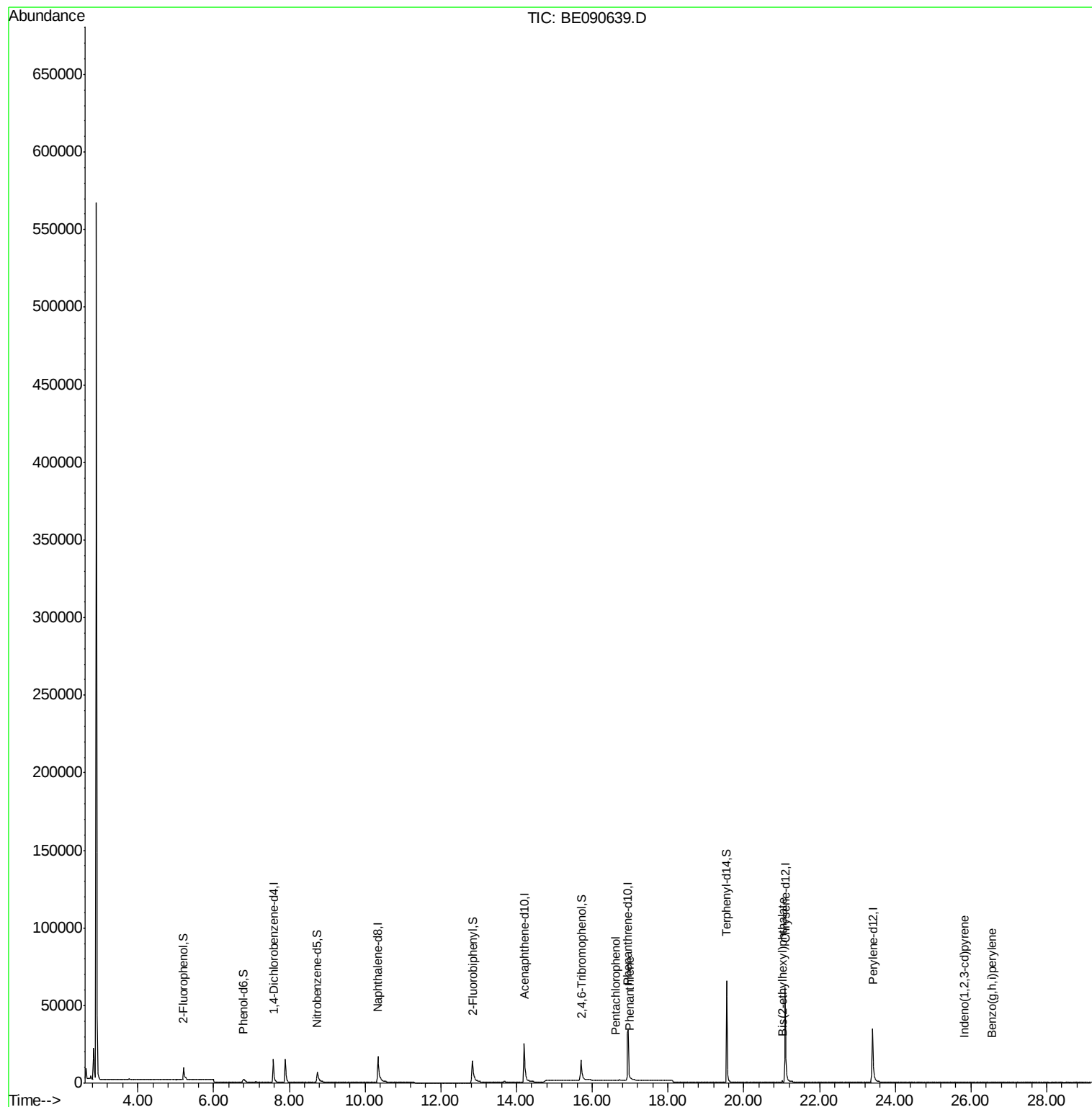
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	9583	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	40903	5.00	ng	0.00
12) Acenaphthene-d10	14.20	164	24242	5.00	ng	0.00
18) Phenanthrene-d10	16.95	188	66789	5.00	ng	0.00
25) Chrysene-d12	21.09	240	73673	5.00	ng	0.00
32) Perylene-d12	23.40	264	60839	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	8797	3.17	ng	0.00
5) Phenol-d6	6.78	99	6654	1.63	ng	0.00
7) Nitrobenzene-d5	8.74	82	13950	4.28	ng	0.01
13) 2,4,6-Tribromophenol	15.71	330	9161	9.82	ng	0.00
14) 2-Fluorobiphenyl	12.83	172	32919	4.55	ng	0.01
27) Terphenyl-d14	19.55	244	75253	5.58	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.31	88	34	Below Cal	#	36
21) Pentachlorophenol	16.61	266	23	0.32 ng	#	70
22) Phenanthrene	16.98	178	376	0.02 ng	#	81
30) Bis(2-ethylhexyl)phthalate	21.02	149	1056	0.23 ng		99
31) Indeno(1,2,3-cd)pyrene	25.81	276	474	0.03 ng	#	80
37) Benzo(g,h,i)perylene	26.53	276	290	0.02 ng	#	25

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

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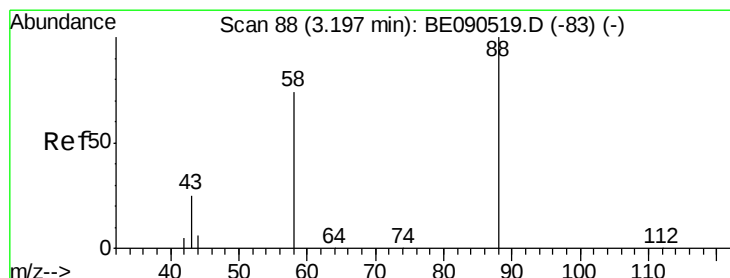
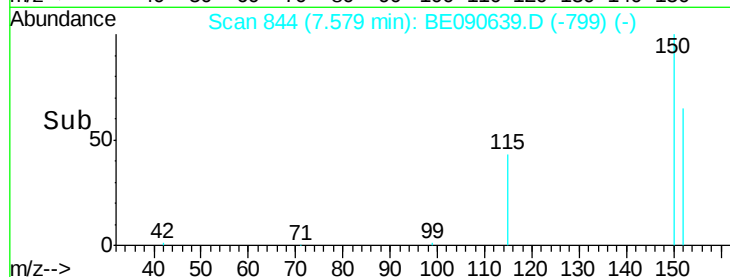
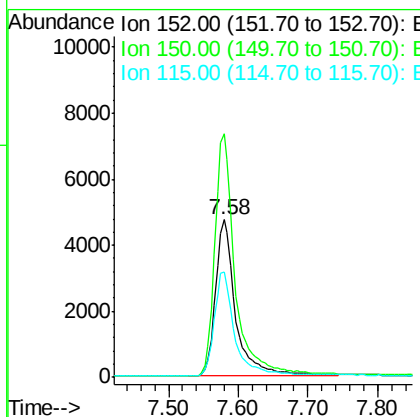
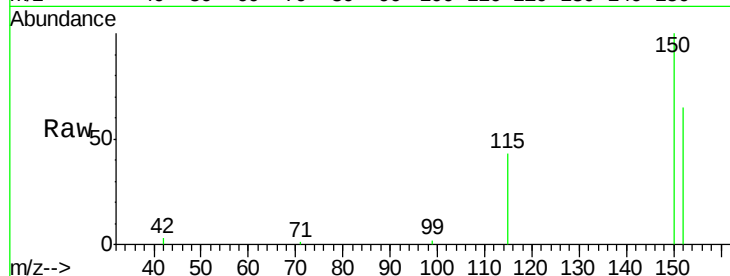




#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.58 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: BE090639.D
 Acq: 26 Aug 2015 16:17

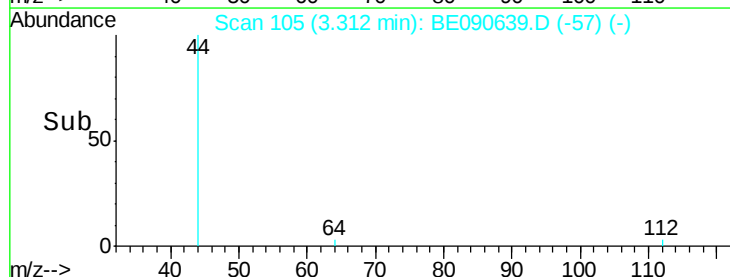
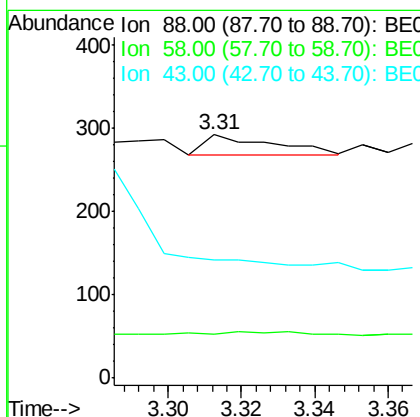
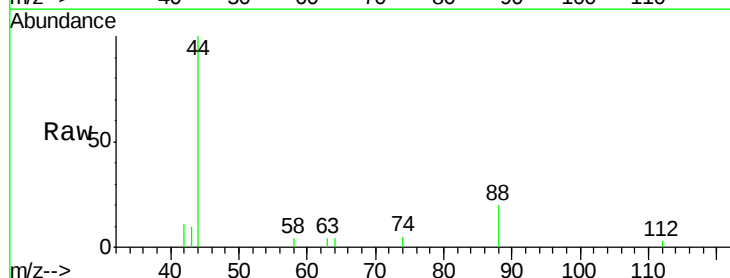
Instrument :
 BNA_E
 ClientSampleId :
 082515-D534-E-U-B

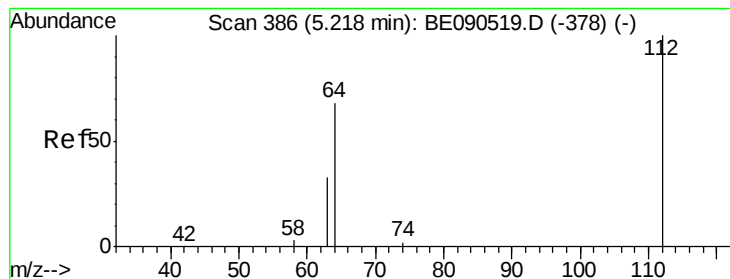
Tgt Ion: 152 Resp: 9583
 Ion Ratio Lower Upper
 152 100
 150 154.5 123.0 184.4
 115 66.9 48.9 73.3



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.31 min Scan# 105
 Delta R.T. 0.12 min
 Lab File: BE090639.D
 Acq: 26 Aug 2015 16:17

Tgt Ion: 88 Resp: 34
 Ion Ratio Lower Upper
 88 100
 58 26.5 70.0 105.0#
 43 0.0 28.4 42.6#





#4

2-Fluorophenol

Concen: 3.17 ng

RT: 5.21 min Scan# 385

Delta R.T. 0.00 min

Lab File: BE090639.D

Acq: 26 Aug 2015 16:17

Instrument :

BNA_E

ClientSampleId :

082515-D534-E-U-B

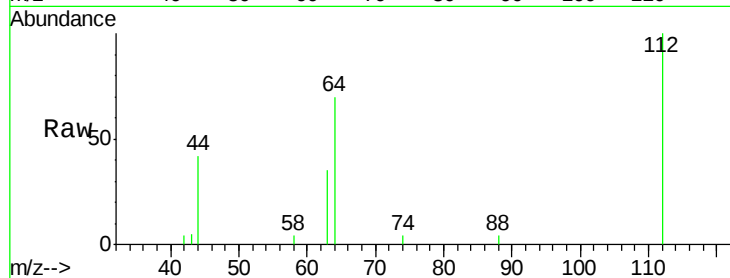
Tgt Ion: 112 Resp: 8797

Ion Ratio Lower Upper

112 100

64 70.9 37.1 55.7#

63 37.2 19.5 29.3#

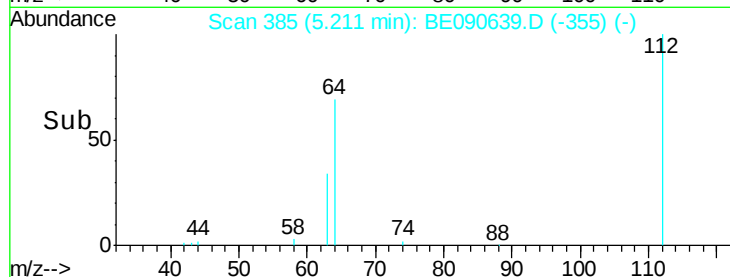


Abundance Ion 112.00 (111.70 to 112.70): BE090519.D (-378) (-)

Ion 64.00 (63.70 to 64.70): BE090519.D (-378) (-)

Ion 63.00 (62.70 to 63.70): BE090519.D (-378) (-)

Time-->

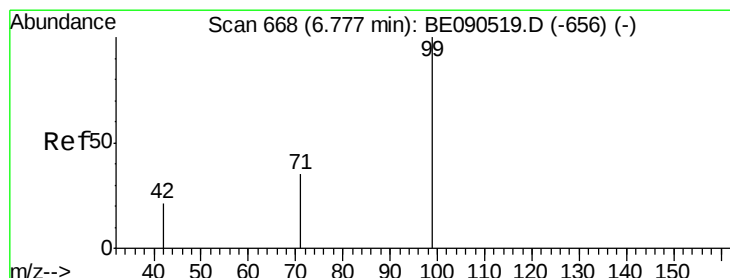


Abundance Ion 112.00 (111.70 to 112.70): BE090639.D (-355) (-)

Ion 64.00 (63.70 to 64.70): BE090639.D (-355) (-)

Ion 63.00 (62.70 to 63.70): BE090639.D (-355) (-)

Time-->



#5

Phenol-d6

Concen: 1.63 ng

RT: 6.78 min Scan# 669

Delta R.T. 0.01 min

Lab File: BE090639.D

Acq: 26 Aug 2015 16:17

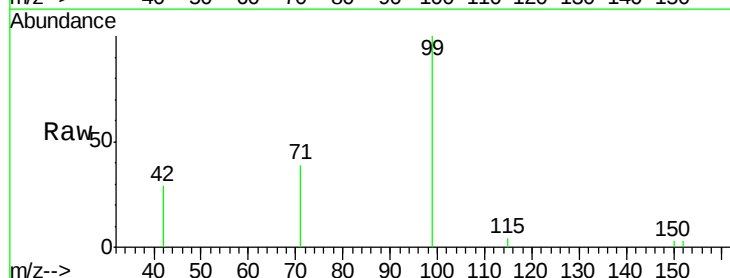
Tgt Ion: 99 Resp: 6654

Ion Ratio Lower Upper

99 100

42 22.4 18.2 27.4

71 38.6 27.4 41.0

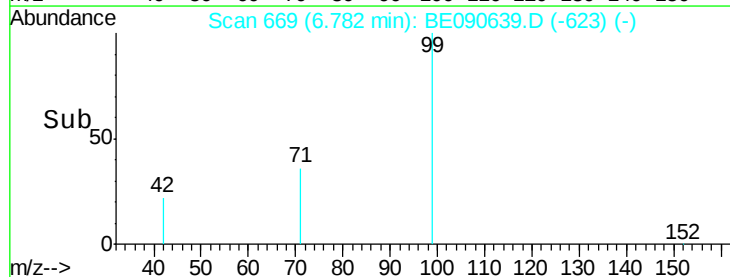


Abundance Ion 99.00 (98.70 to 99.70): BE090519.D (-656) (-)

Ion 42.00 (41.70 to 42.70): BE090519.D (-656) (-)

Ion 71.00 (70.70 to 71.70): BE090519.D (-656) (-)

Time-->

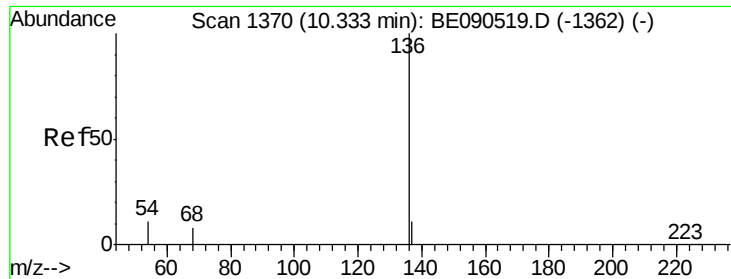


Abundance Ion 99.00 (98.70 to 99.70): BE090639.D (-623) (-)

Ion 42.00 (41.70 to 42.70): BE090639.D (-623) (-)

Ion 71.00 (70.70 to 71.70): BE090639.D (-623) (-)

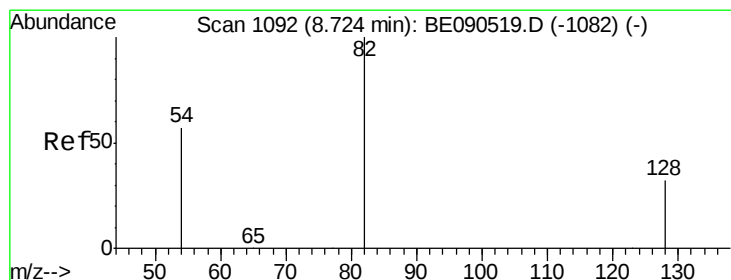
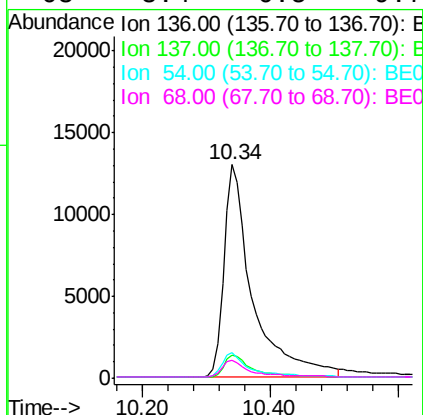
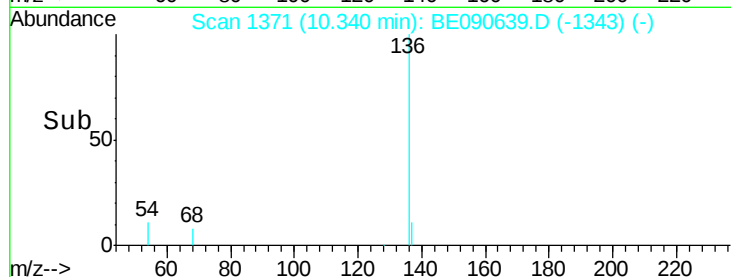
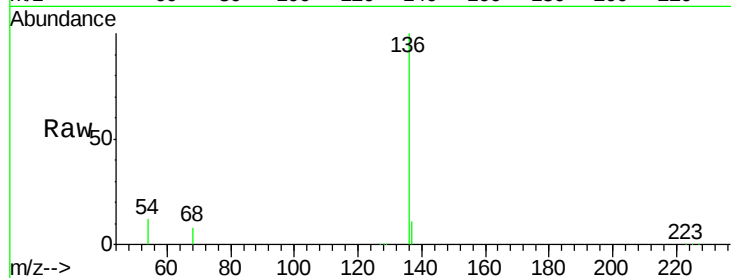
Time-->



#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.34 min Scan# 1371
Delta R.T. 0.01 min
Lab File: BE090639.D
Acq: 26 Aug 2015 16:17

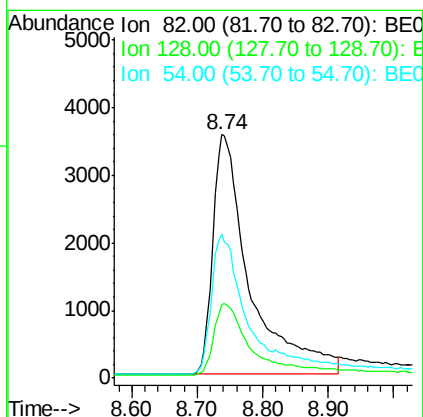
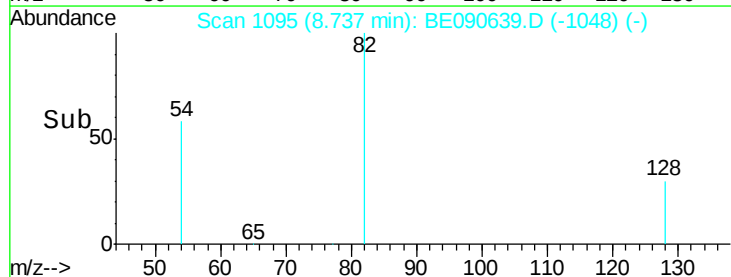
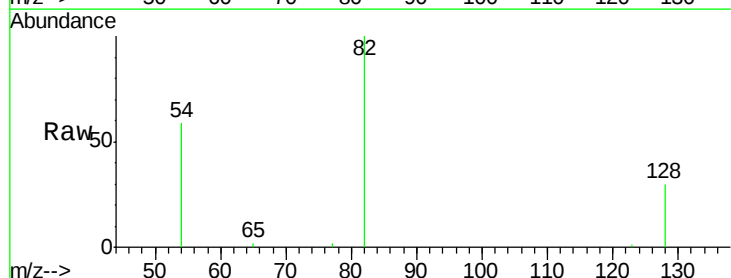
Instrument :
BNA_E
ClientSampleId :
082515-D534-E-U-B

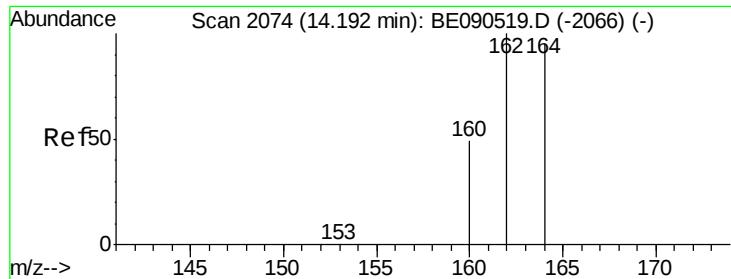
Tgt Ion:	136	Resp:	40903
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	11.7	9.4	14.0
68	8.4	6.5	9.7



#7
Nitrobenzene-d5
Concen: 4.28 ng
RT: 8.74 min Scan# 1095
Delta R.T. 0.01 min
Lab File: BE090639.D
Acq: 26 Aug 2015 16:17

Tgt Ion:	82	Resp:	13950
Ion	Ratio	Lower	Upper
82	100		
128	30.4	25.0	37.6
54	59.1	48.8	73.2





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.20 min Scan# 2075

Delta R.T. 0.01 min

Lab File: BE090639.D

Acq: 26 Aug 2015 16:17

Instrument :

BNA_E

ClientSampleId :

082515-D534-E-U-B

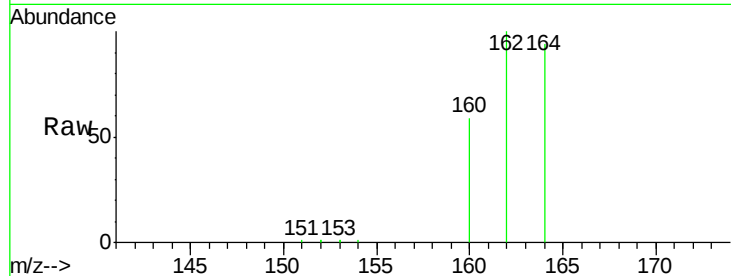
Tgt Ion:164 Resp: 24242

Ion Ratio Lower Upper

164 100

162 105.9 81.8 122.8

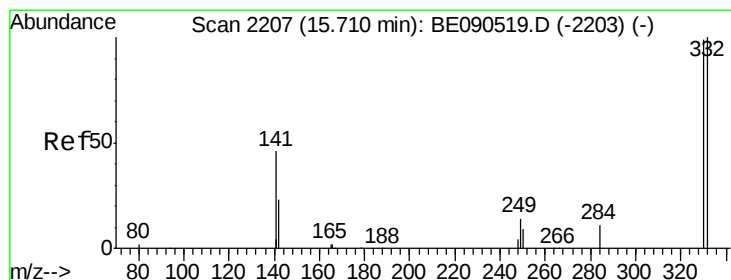
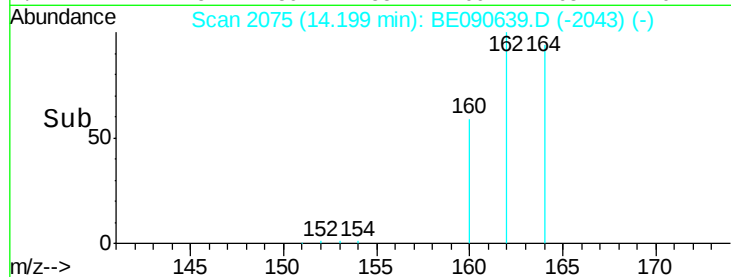
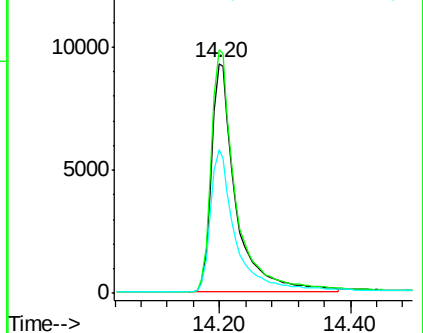
160 62.4 44.2 66.4



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: 9.82 ng

RT: 15.71 min Scan# 2207

Delta R.T. 0.00 min

Lab File: BE090639.D

Acq: 26 Aug 2015 16:17

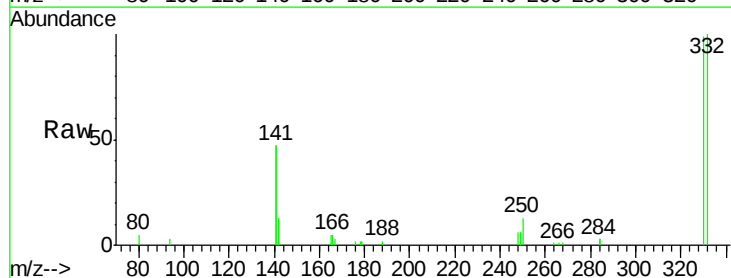
Tgt Ion:330 Resp: 9161

Ion Ratio Lower Upper

330 100

332 97.3 75.8 113.6

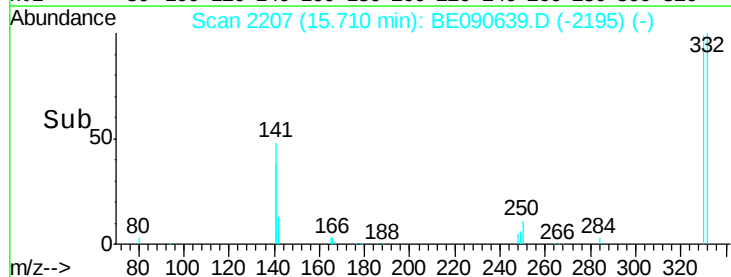
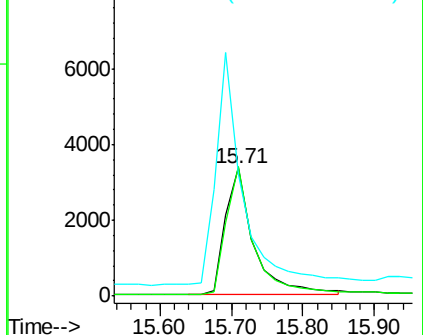
141 174.4 114.4 171.6#

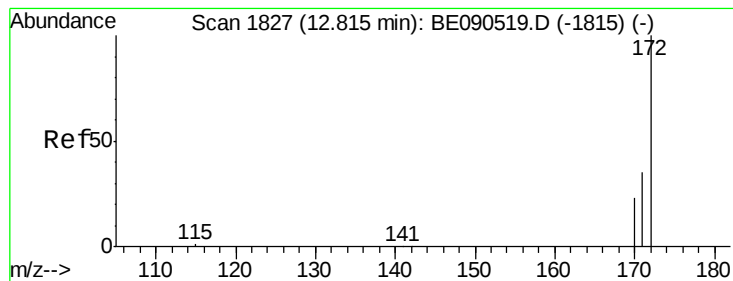


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#14

2-Fluorobiphenyl

Concen: 4.55 ng

RT: 12.83 min Scan# 1831

Delta R.T. 0.01 min

Lab File: BE090639.D

Acq: 26 Aug 2015 16:17

Instrument :

BNA_E

ClientSampleId :

082515-D534-E-U-B

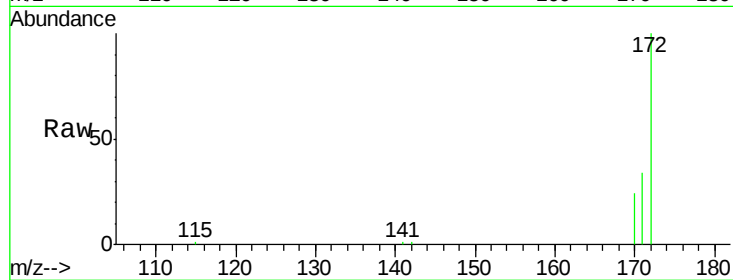
Tgt Ion:172 Resp: 32919

Ion Ratio Lower Upper

172 100

171 34.4 28.5 42.7

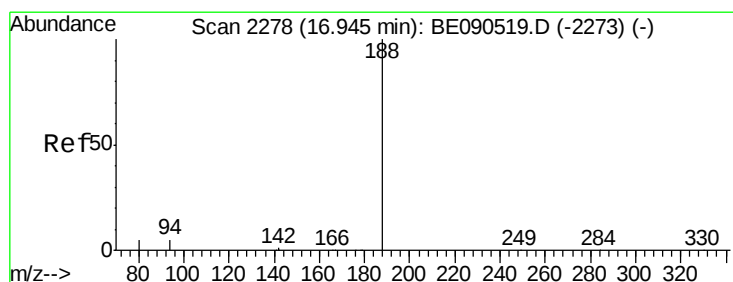
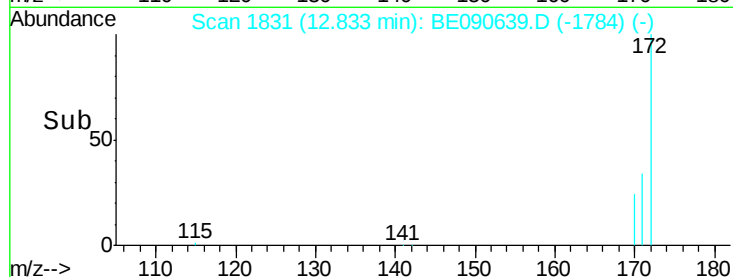
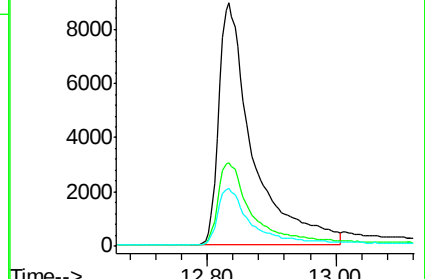
170 24.1 19.8 29.8



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: 16.95 min Scan# 2278

Delta R.T. 0.00 min

Lab File: BE090639.D

Acq: 26 Aug 2015 16:17

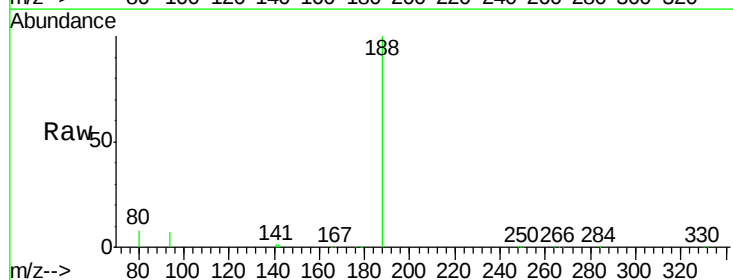
Tgt Ion:188 Resp: 66789

Ion Ratio Lower Upper

188 100

94 7.3 5.7 8.5

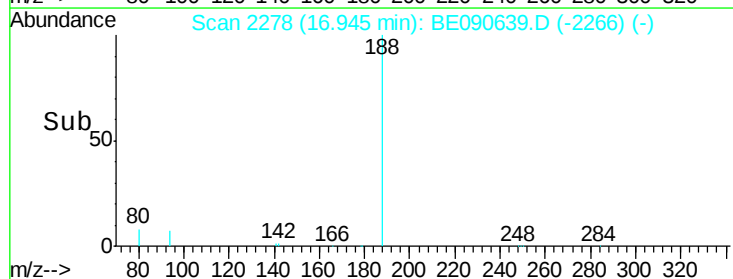
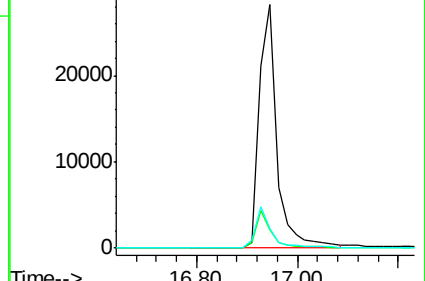
80 7.8 5.8 8.8

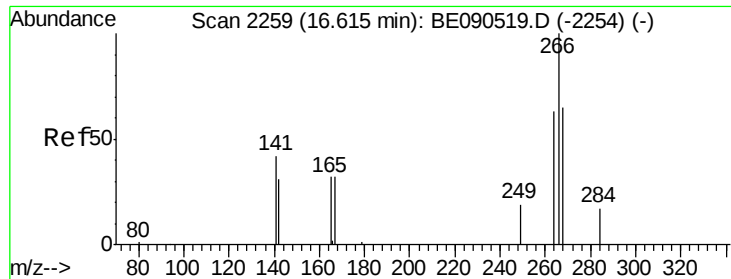


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

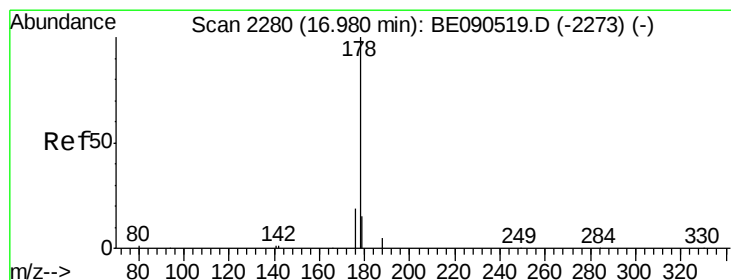
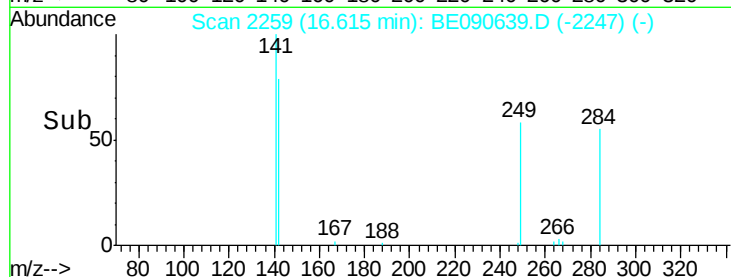
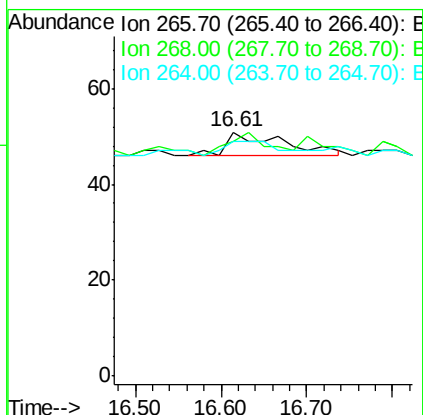
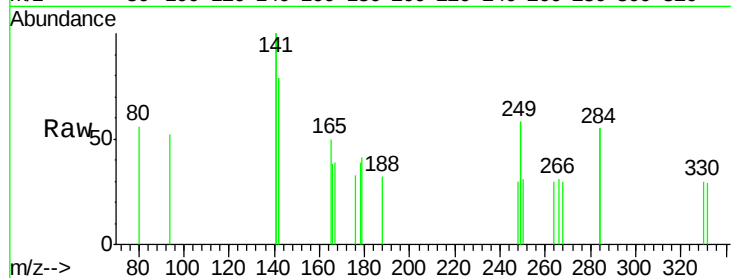




#21
 Pentachlorophenol
 Concen: 0.32 ng
 RT: 16.61 min Scan# 2259
 Delta R.T. 0.00 min
 Lab File: BE090639.D
 Acq: 26 Aug 2015 16:17

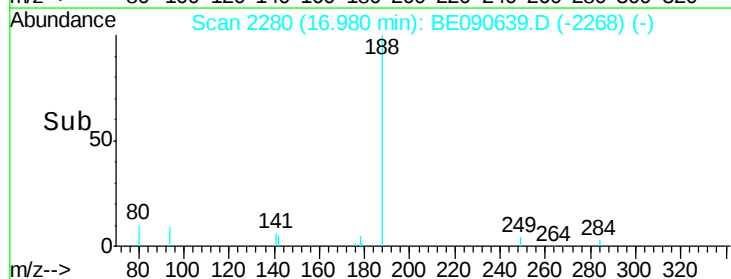
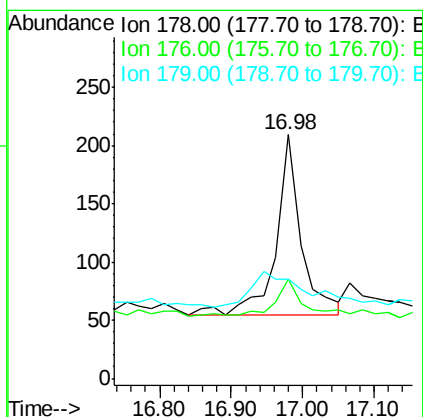
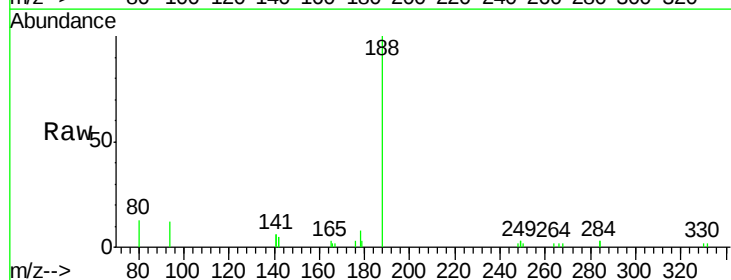
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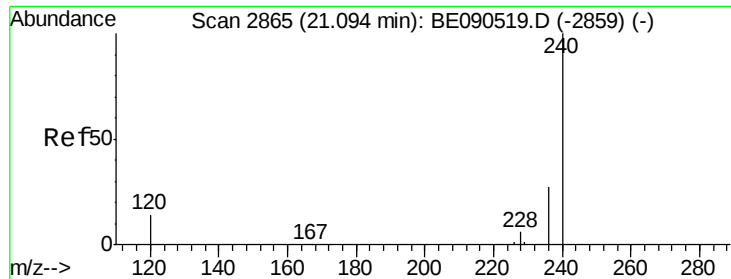
Tgt Ion: 266 Resp: 23
 Ion Ratio Lower Upper
 266 100
 268 96.1 58.5 87.7#
 264 96.1 56.0 84.0#



#22
 Phenanthrene
 Concen: 0.02 ng
 RT: 16.98 min Scan# 2280
 Delta R.T. 0.00 min
 Lab File: BE090639.D
 Acq: 26 Aug 2015 16:17

Tgt Ion: 178 Resp: 376
 Ion Ratio Lower Upper
 178 100
 176 21.0 15.4 23.2
 179 0.0 12.5 18.7#





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.09 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BE090639.D

Acq: 26 Aug 2015 16:17

Instrument :

BNA_E

ClientSampleId :

082515-D534-E-U-B

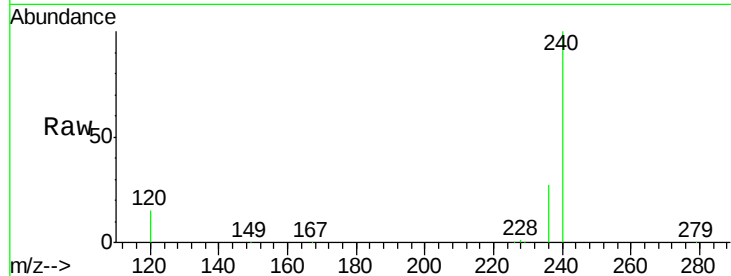
Tgt Ion:240 Resp: 73673

Ion Ratio Lower Upper

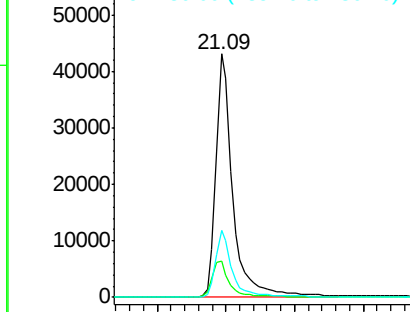
240 100

120 14.8 8.3 12.5#

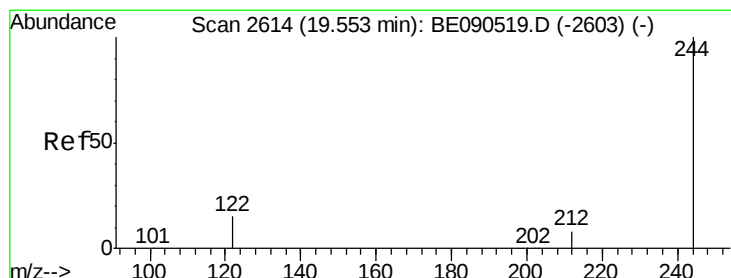
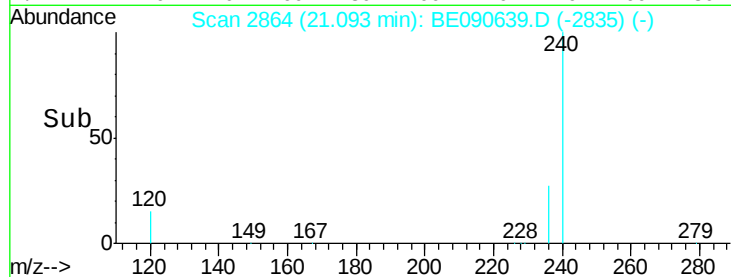
236 27.3 21.0 31.4



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



Time-->



#27

Terphenyl-d14

Concen: 5.58 ng

RT: 19.55 min Scan# 2613

Delta R.T. -0.00 min

Lab File: BE090639.D

Acq: 26 Aug 2015 16:17

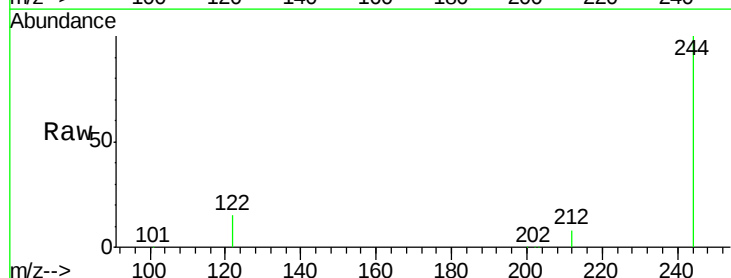
Tgt Ion:244 Resp: 75253

Ion Ratio Lower Upper

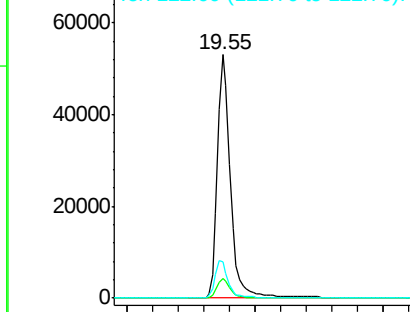
244 100

212 8.2 6.6 9.8

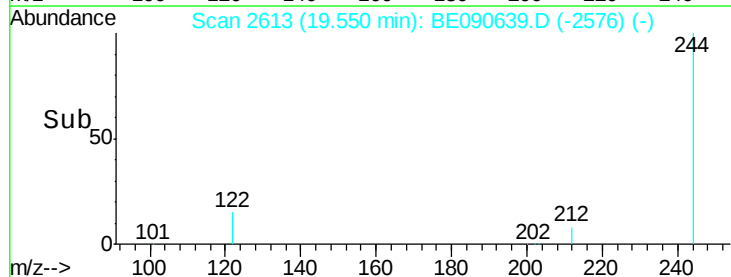
122 15.0 10.2 15.4

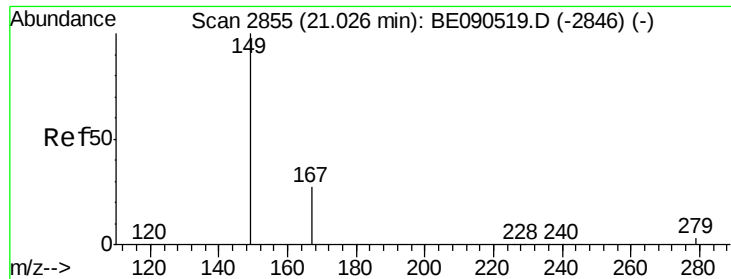


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



Time-->





#30

Bis(2-ethylhexyl)phthalate

Concen: 0.23 ng

RT: 21.02 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BE090639.D

Acq: 26 Aug 2015 16:17

Instrument :

BNA_E

ClientSampleId :

082515-D534-E-U-B

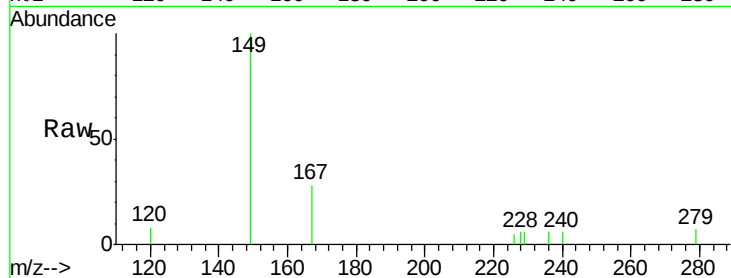
Tgt Ion:149 Resp: 1056

Ion Ratio Lower Upper

149 100

167 24.2 19.8 29.8

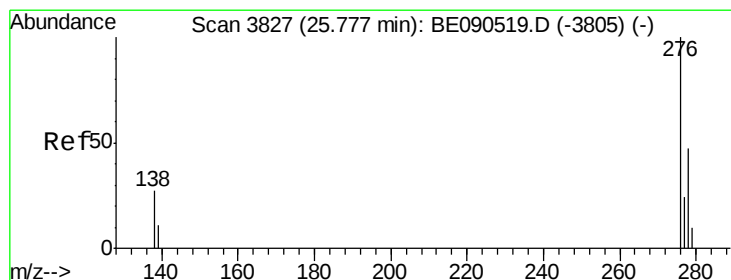
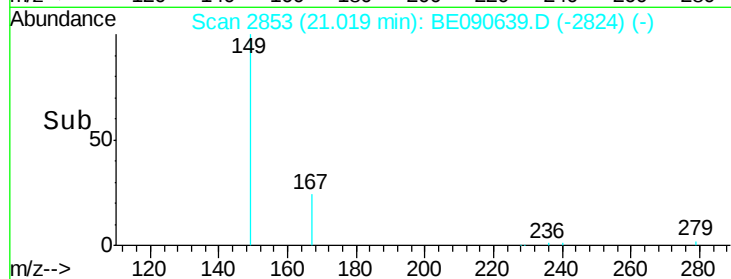
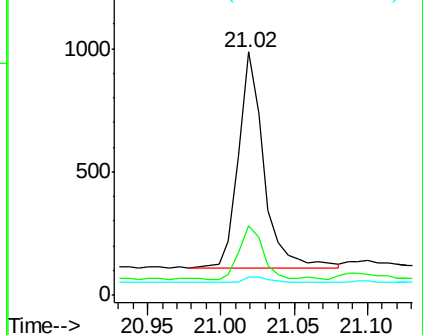
279 3.3 2.4 3.6



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: 0.03 ng

RT: 25.81 min Scan# 3835

Delta R.T. 0.03 min

Lab File: BE090639.D

Acq: 26 Aug 2015 16:17

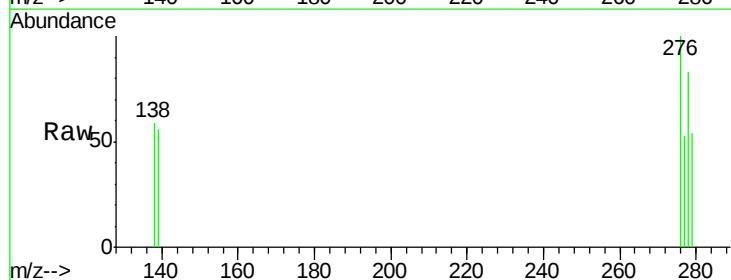
Tgt Ion:276 Resp: 474

Ion Ratio Lower Upper

276 100

138 4.0 18.8 28.2#

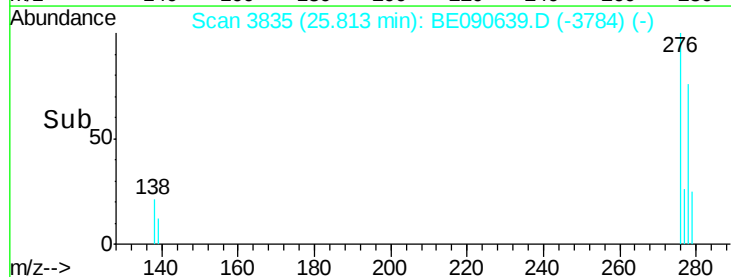
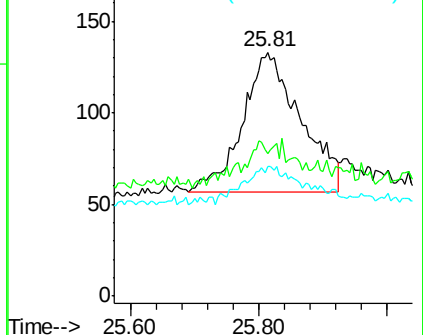
277 22.8 18.2 27.4

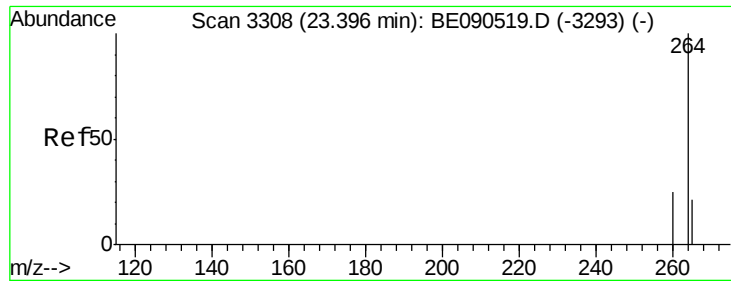


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

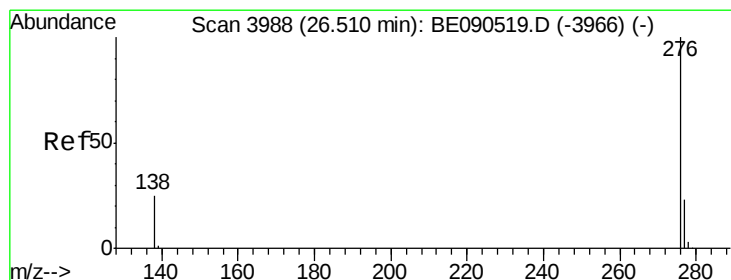
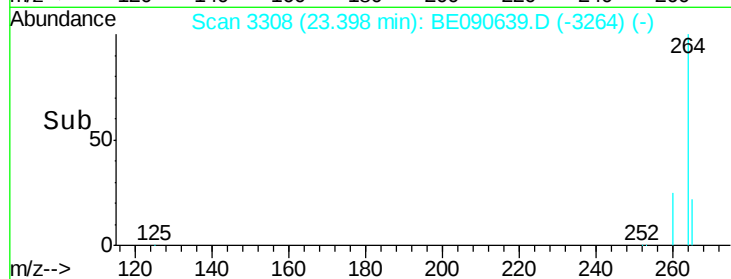
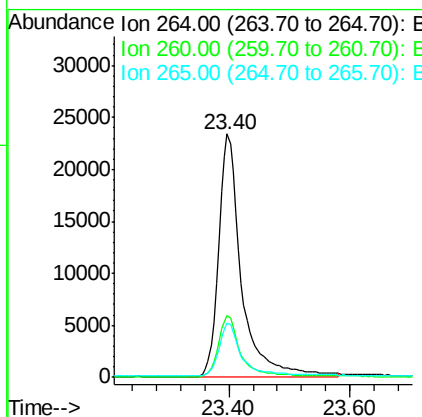
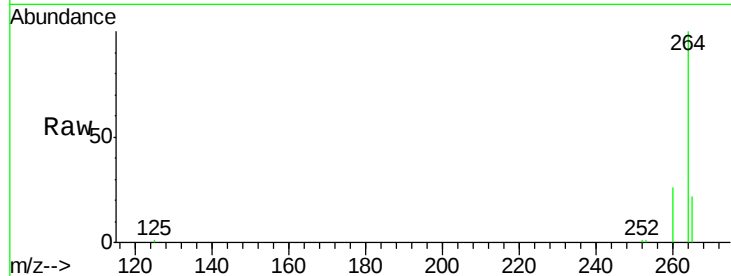




#32
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.40 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: BE090639.D
 Acq: 26 Aug 2015 16:17

Instrument :
 BNA_E
 ClientSampleId :
 082515-D534-E-U-B

Tgt Ion: 264 Resp: 60839
 Ion Ratio Lower Upper
 264 100
 260 25.6 20.1 30.1
 265 22.2 17.2 25.8



#37
 Benzo(g,h,i)perylene
 Concen: 0.02 ng
 RT: 26.53 min Scan# 3993
 Delta R.T. 0.02 min
 Lab File: BE090639.D
 Acq: 26 Aug 2015 16:17

Tgt Ion: 276 Resp: 290
 Ion Ratio Lower Upper
 276 100
 277 54.9 20.1 30.1#
 138 67.3 18.1 27.1#

