

Data Path : Z:\HPCHEM1\BNA E\DATA\BE082515\
 Data File : BE090620.D
 Acq On : 25 Aug 2015 19:09
 Operator : UM/IZ
 Sample : G3401-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 26 03:27:43 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE081415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 14 16:52:42 2015
 Response via : Initial Calibration

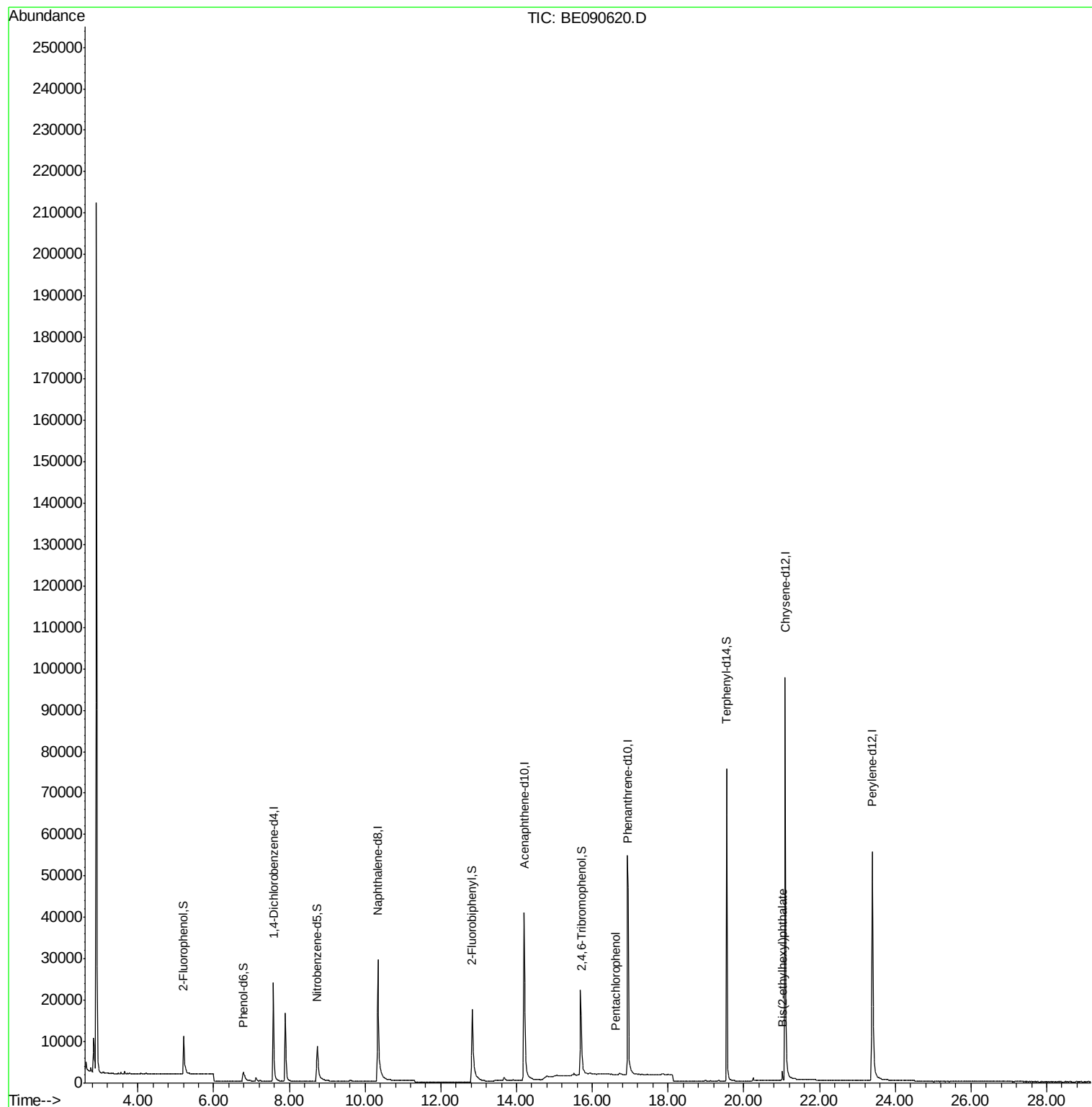
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	14085	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	61065	5.00	ng	0.00
12) Acenaphthene-d10	14.20	164	37021	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	96666	5.00	ng	0.00
25) Chrysene-d12	21.09	240	111226	5.00	ng	0.00
32) Perylene-d12	23.39	264	96465	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	9929	2.44	ng	0.00
5) Phenol-d6	6.78	99	6754	1.13	ng	0.00
7) Nitrobenzene-d5	8.74	82	16278	3.35	ng	0.01
13) 2,4,6-Tribromophenol	15.71	330	12303	8.64	ng	0.00
14) 2-Fluorobiphenyl	12.83	172	37844	3.42	ng	0.01
27) Terphenyl-d14	19.55	244	81844	4.02	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.35	88	7	Below Cal	#	15
21) Pentachlorophenol	16.61	266	19	0.31 ng	#	71
30) Bis(2-ethylhexyl)phthalate	21.02	149	2145	0.26 ng		99

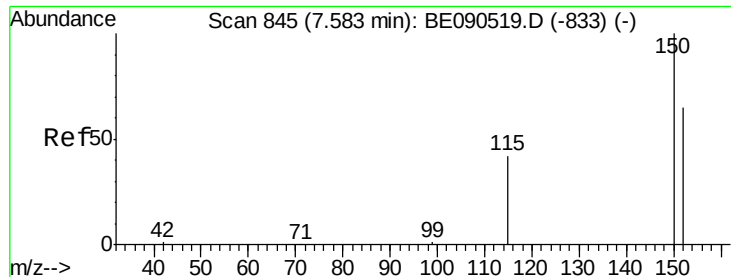
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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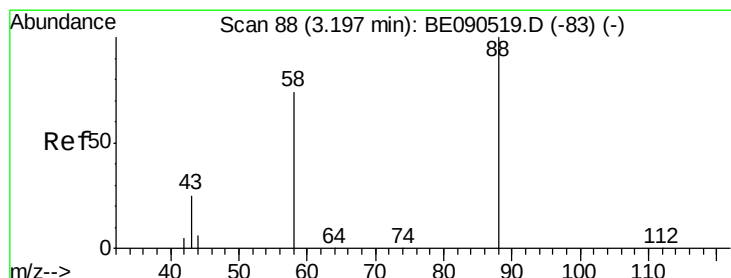
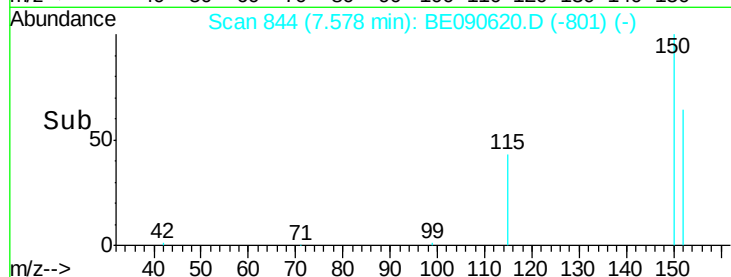
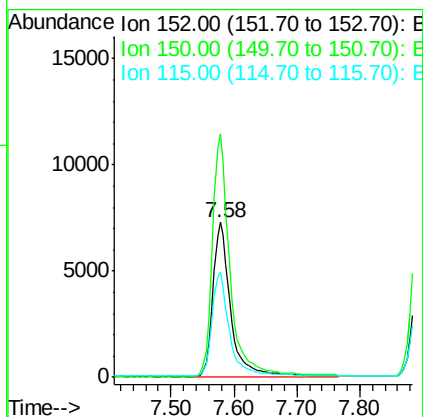
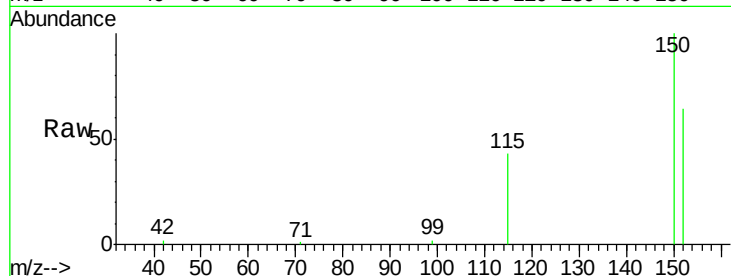


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.58 min Scan# 844
Delta R.T. -0.00 min
Lab File: BE090620.D
Acq: 25 Aug 2015 19:09

Instrument :
BNA_E
ClientSampled :

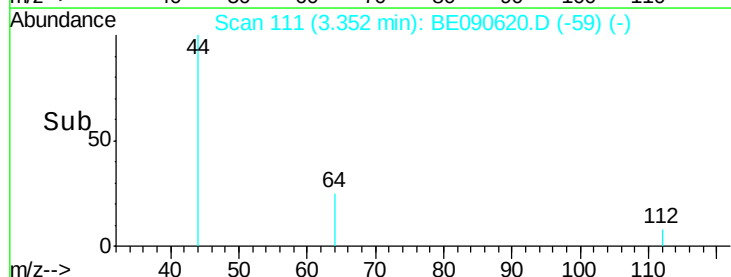
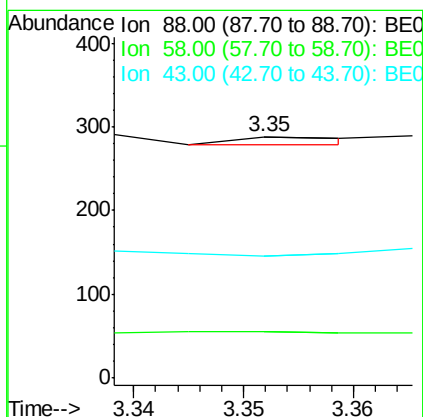
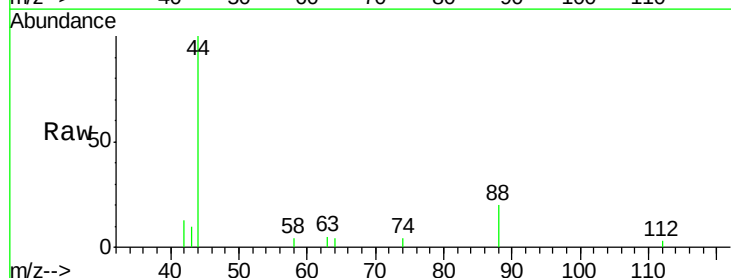
Tot Ion:152 Resp: 14085
Ion Ratio Lower Upper
152 100
150 157.0 123.0 184.4
115 67.9 48.9 73.3

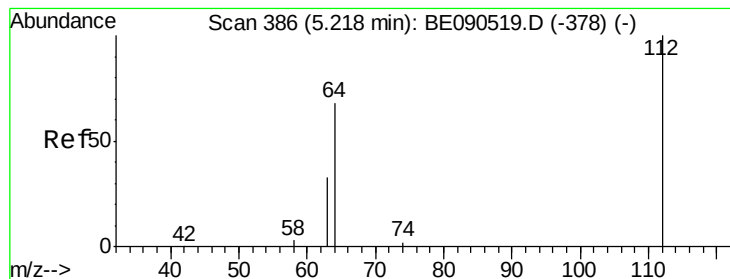


#2

1,4-Dioxane
Concen: Below Cal
RT: 3.35 min Scan# 111
Delta R.T. 0.16 min
Lab File: BE090620.D
Acq: 25 Aug 2015 19:09

Tgt Ion: 88 Resp: 7
Ion Ratio Lower Upper
88 100
58 0.0 70.0 105.0#
43 0.0 28.4 42.6#





#4

2-Fluorophenol

Concen: 2.44 ng

RT: 5.21 min Scan# 385

Delta R.T. -0.01 min

Lab File: BE090620.D

Acq: 25 Aug 2015 19:09

Instrument :

BNA_E

ClientSampleId :

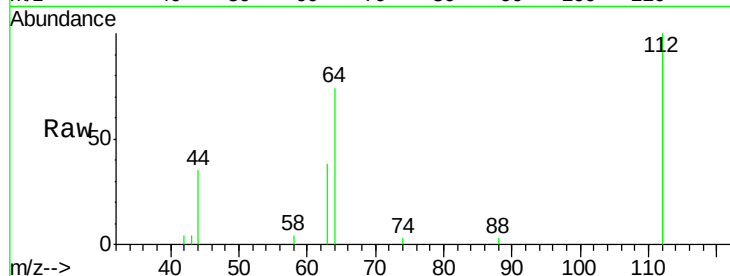
Tot Ion:112 Resp: 9929

Ion Ratio Lower Upper

112 100

64 71.2 37.1 55.7#

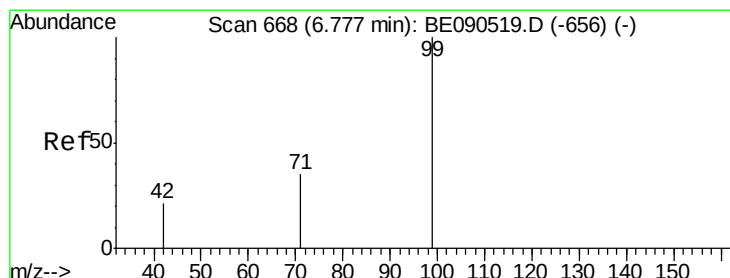
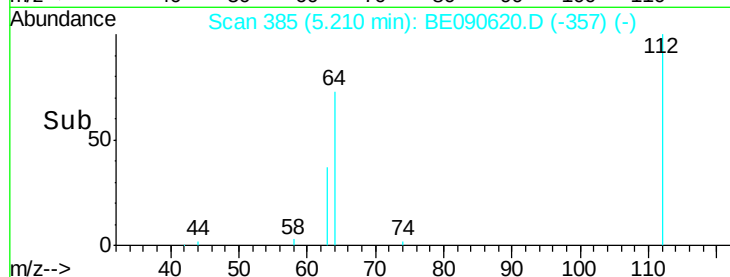
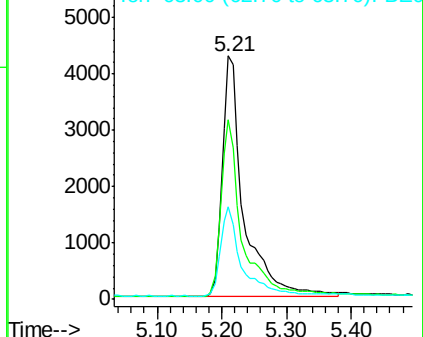
63 36.3 19.5 29.3#



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) (-)



#5

Phenol-d6

Concen: 1.13 ng

RT: 6.78 min Scan# 669

Delta R.T. 0.00 min

Lab File: BE090620.D

Acq: 25 Aug 2015 19:09

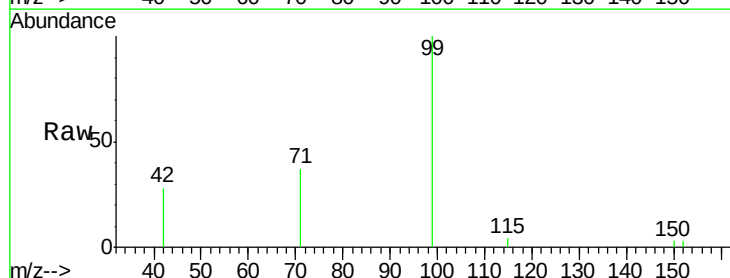
Tgt Ion: 99 Resp: 6754

Ion Ratio Lower Upper

99 100

42 20.1 18.2 27.4

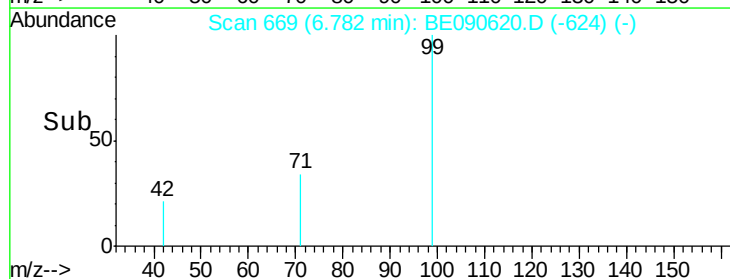
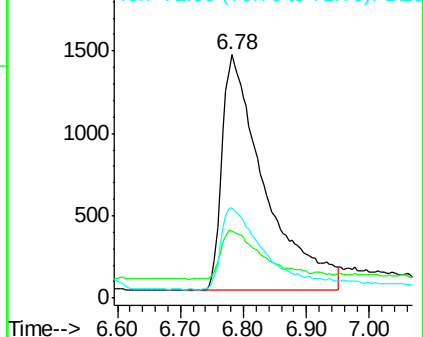
71 36.3 27.4 41.0

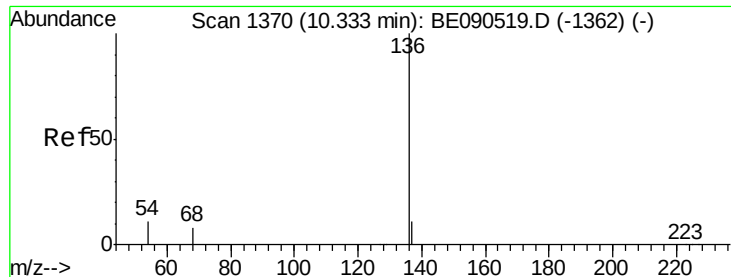


Abundance Ion 99.00 (98.70 to 99.70): BE090519.D (-656) (-)

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

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





#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.34 min Scan# 1371

Delta R.T. 0.01 min

Lab File: BE090620.D

Acq: 25 Aug 2015 19:09

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 61065

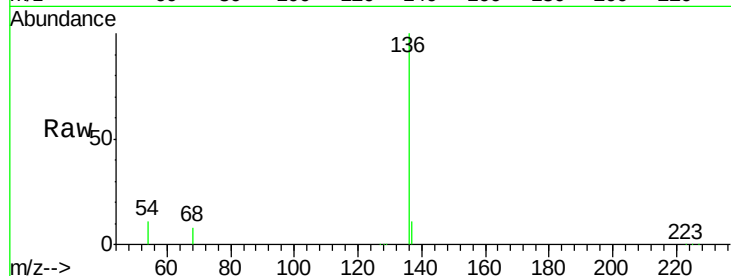
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 10.7 9.4 14.0

68 7.7 6.5 9.7

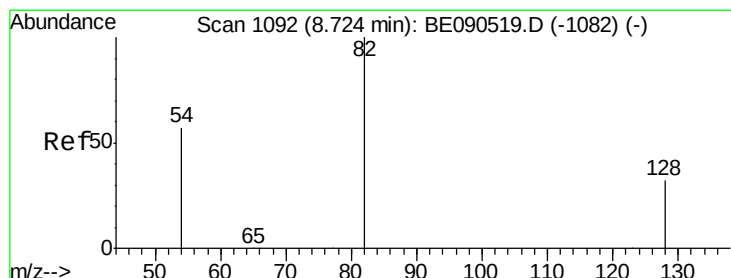
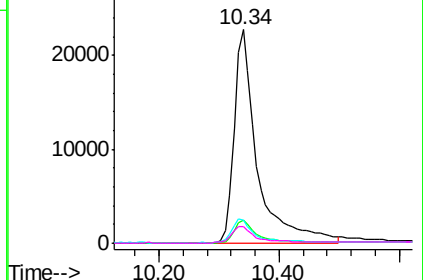
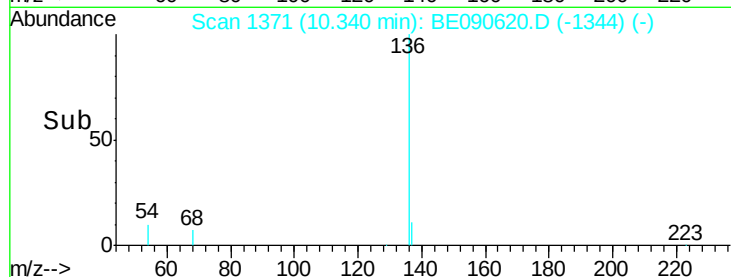


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#7

Nitrobenzene-d5

Concen: 3.35 ng

RT: 8.74 min Scan# 1095

Delta R.T. 0.01 min

Lab File: BE090620.D

Acq: 25 Aug 2015 19:09

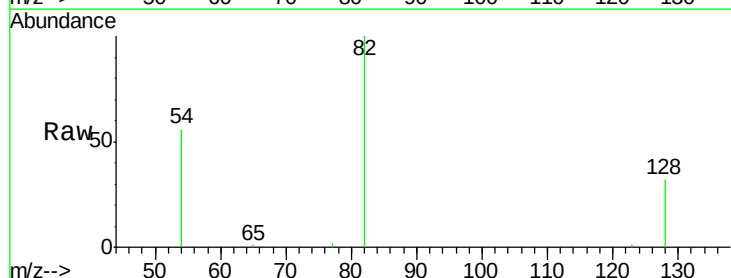
Tgt Ion: 82 Resp: 16278

Ion Ratio Lower Upper

82 100

128 31.7 25.0 37.6

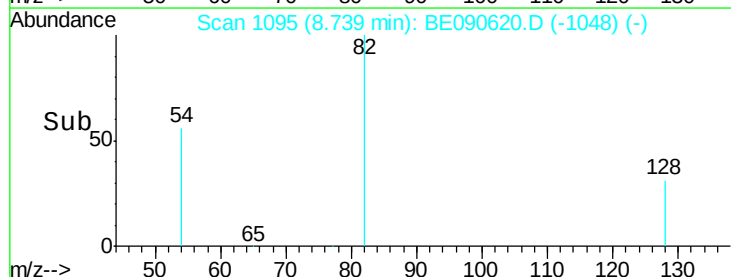
54 56.2 48.8 73.2



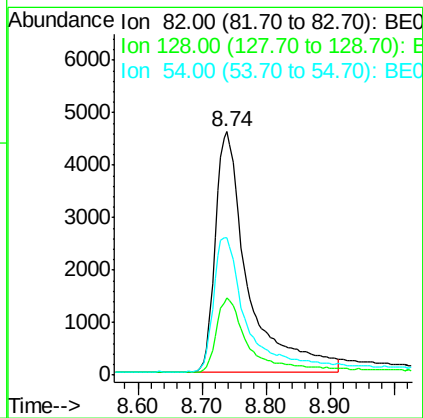
Abundance Ion 82.00 (81.70 to 82.70): BE0

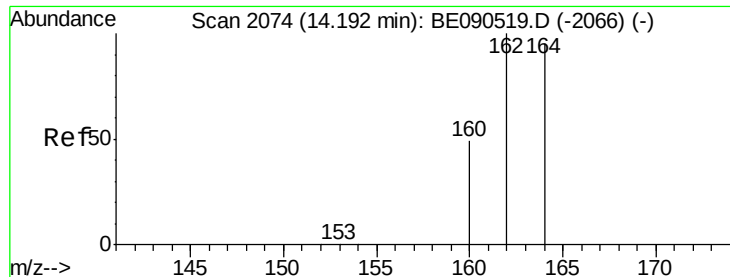
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0



Time-->





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.20 min Scan# 2075

Delta R.T. 0.01 min

Lab File: BE090620.D

Acq: 25 Aug 2015 19:09

Instrument :

BNA_E

ClientSampled :

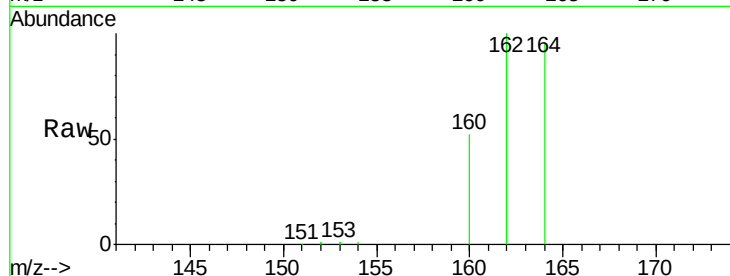
Tot Ion:164 Resp: 37021

Ion Ratio Lower Upper

164 100

162 105.5 81.8 122.8

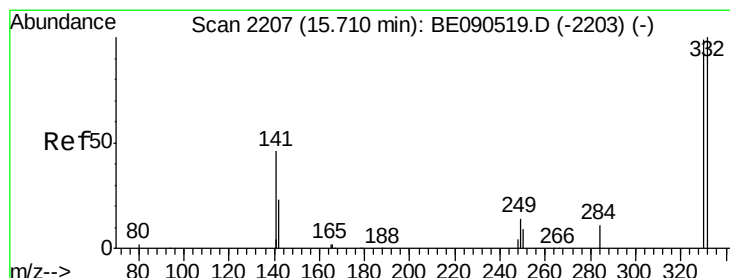
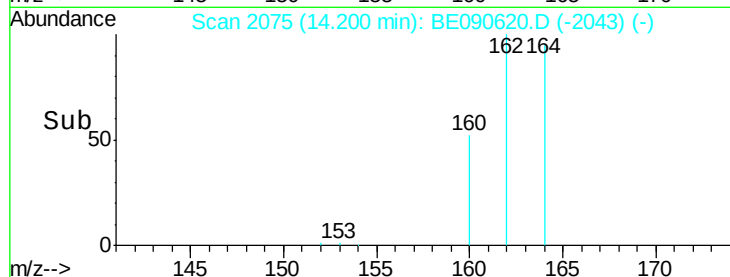
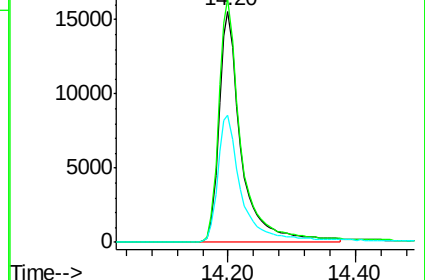
160 54.8 44.2 66.4



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: 8.64 ng

RT: 15.71 min Scan# 2206

Delta R.T. -0.00 min

Lab File: BE090620.D

Acq: 25 Aug 2015 19:09

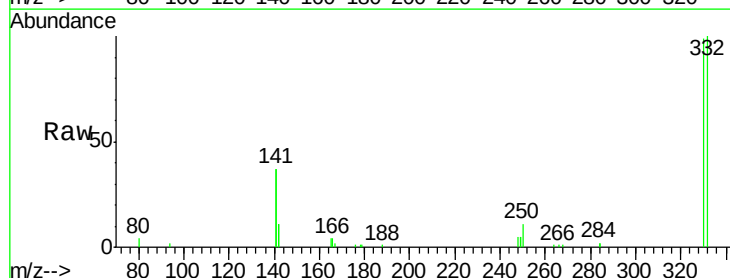
Tgt Ion:330 Resp: 12303

Ion Ratio Lower Upper

330 100

332 97.2 75.8 113.6

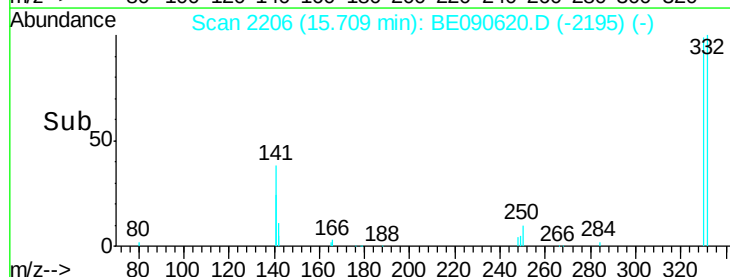
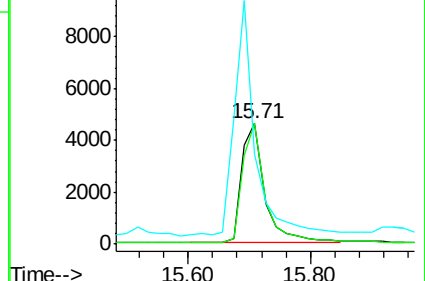
141 175.5 114.4 171.6#

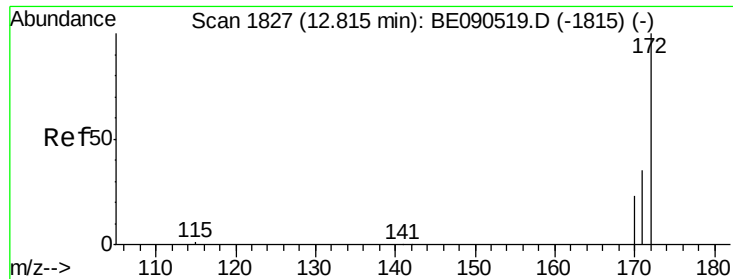


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

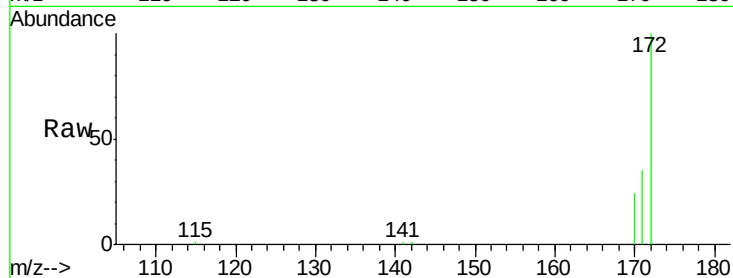




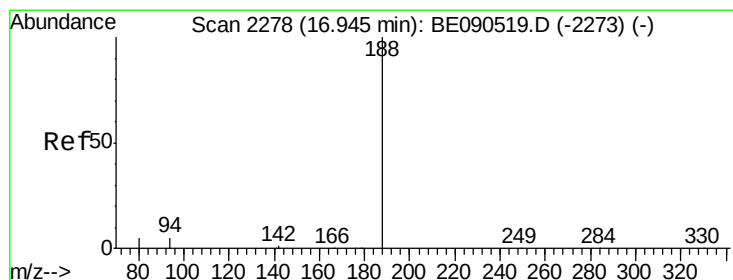
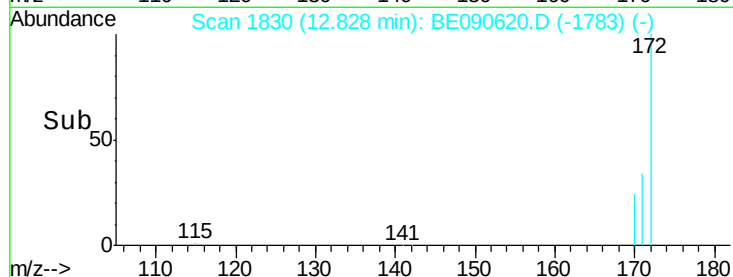
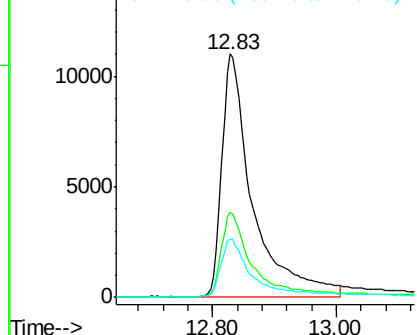
#14
2-Fluorobiphenyl
Concen: 3.42 ng
RT: 12.83 min Scan# 1830
Delta R.T. 0.01 min
Lab File: BE090620.D
Acq: 25 Aug 2015 19:09

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 37844
Ion Ratio Lower Upper
172 100
171 34.7 28.5 42.7
170 24.0 19.8 29.8

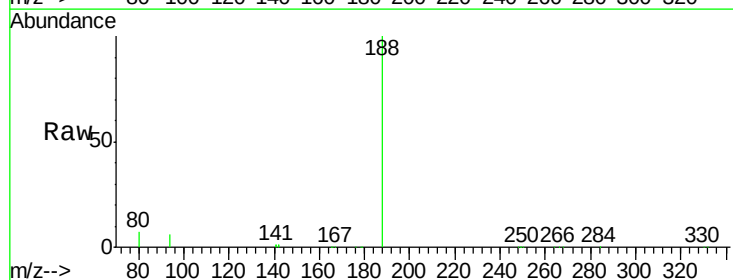


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

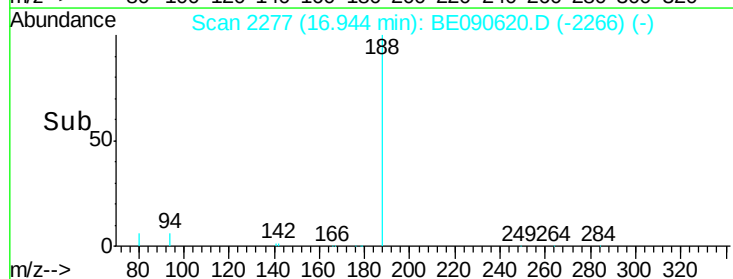
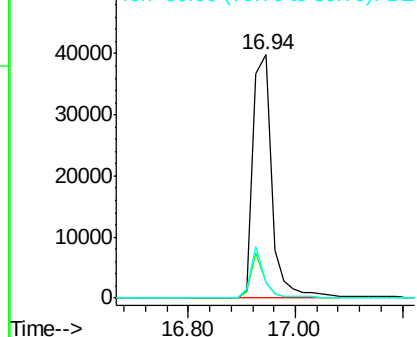


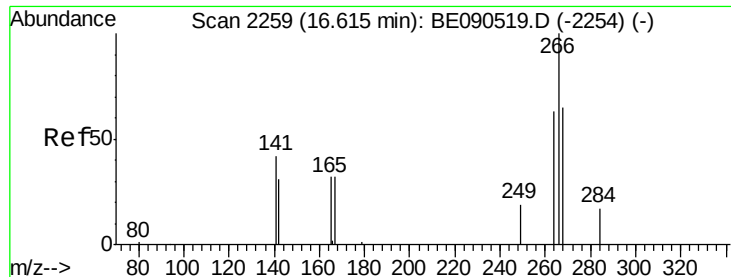
#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 2277
Delta R.T. -0.00 min
Lab File: BE090620.D
Acq: 25 Aug 2015 19:09

Tgt Ion:188 Resp: 96666
Ion Ratio Lower Upper
188 100
94 6.4 5.7 8.5
80 6.6 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

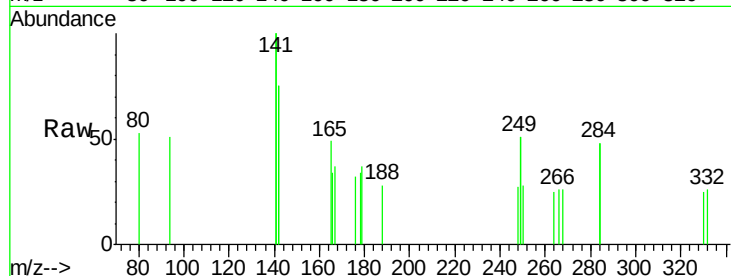




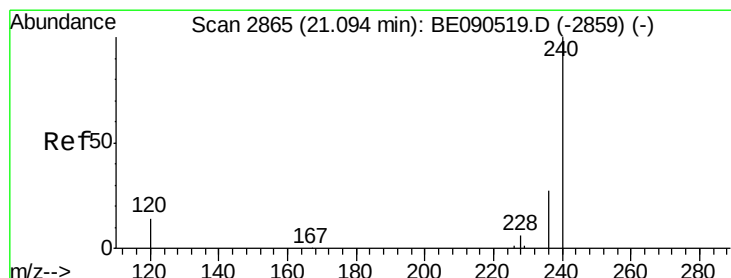
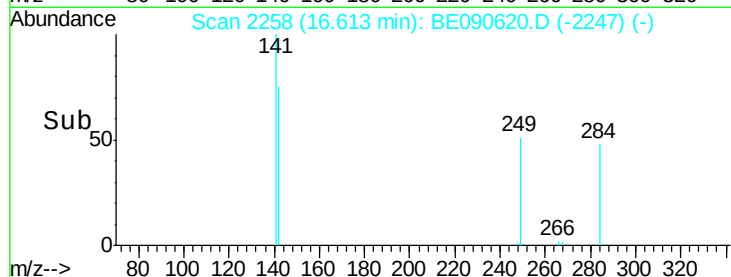
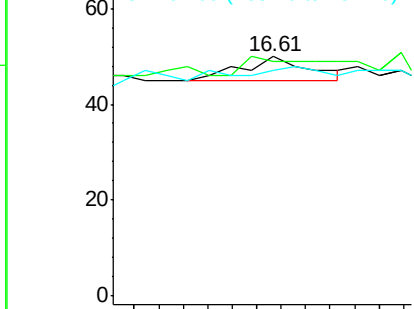
#21
 Pentachlorophenol
 Concen: 0.31 ng
 RT: 16.61 min Scan# 2258
 Delta R.T. -0.00 min
 Lab File: BE090620.D
 Acq: 25 Aug 2015 19:09

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:266 Resp: 19
 Ion Ratio Lower Upper
 266 100
 268 98.0 58.5 87.7#
 264 94.0 56.0 84.0#

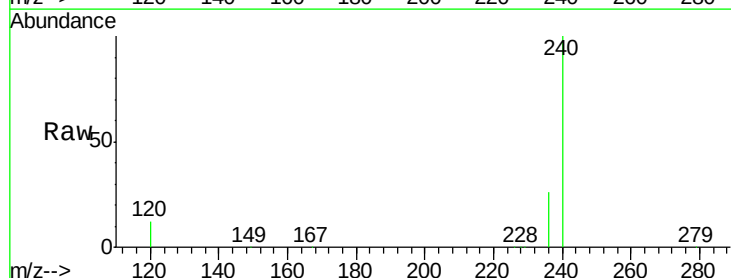


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

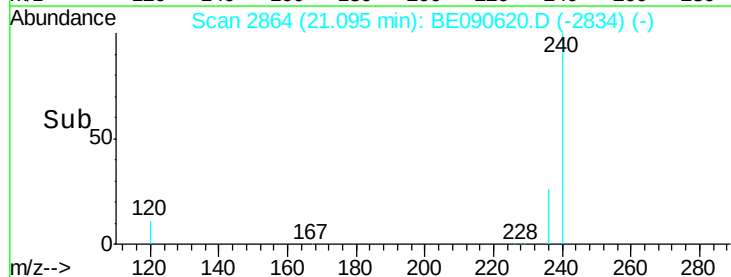
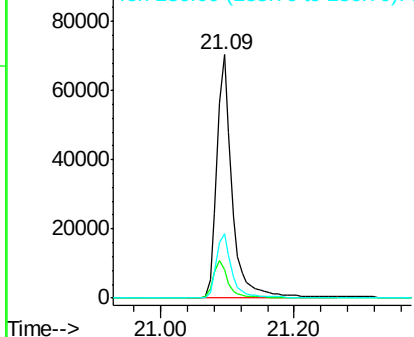


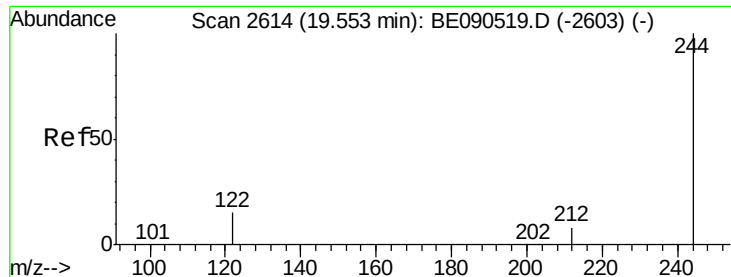
#25
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.09 min Scan# 2864
 Delta R.T. 0.00 min
 Lab File: BE090620.D
 Acq: 25 Aug 2015 19:09

Tgt Ion:240 Resp: 111226
 Ion Ratio Lower Upper
 240 100
 120 11.6 8.3 12.5
 236 26.4 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

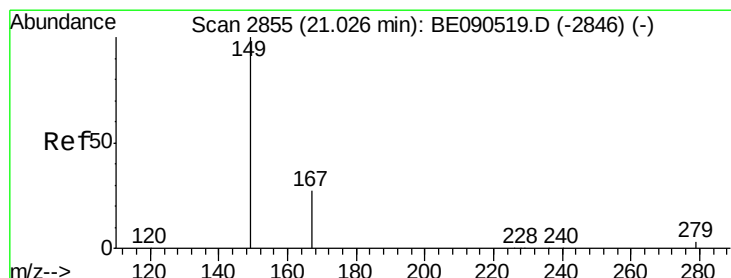
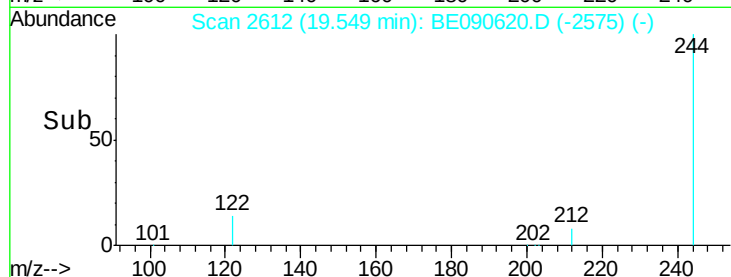
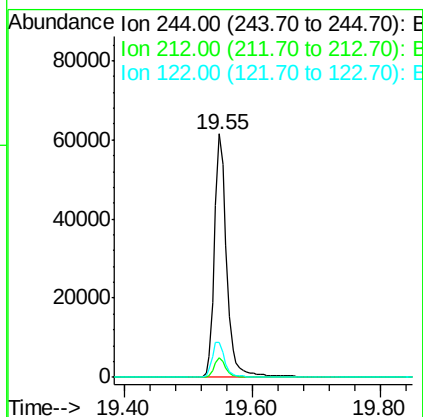
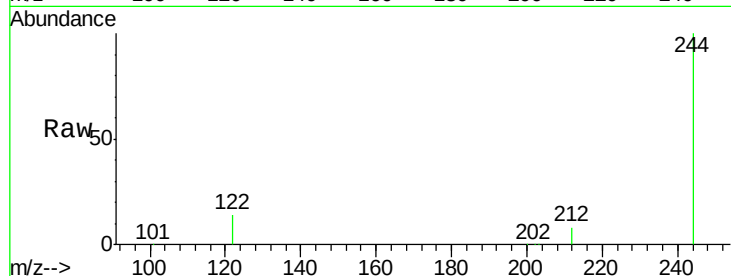




#27
 Terphenyl-d14
 Concen: 4.02 ng
 RT: 19.55 min Scan# 2612
 Delta R.T. -0.00 min
 Lab File: BE090620.D
 Acq: 25 Aug 2015 19:09

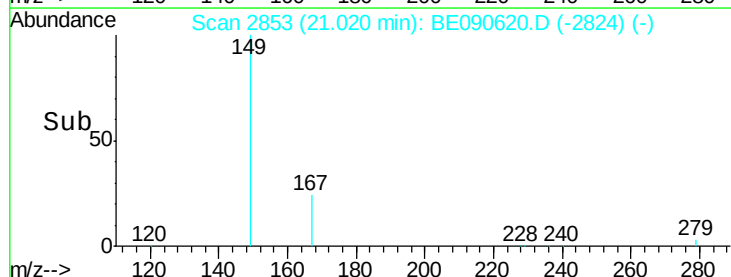
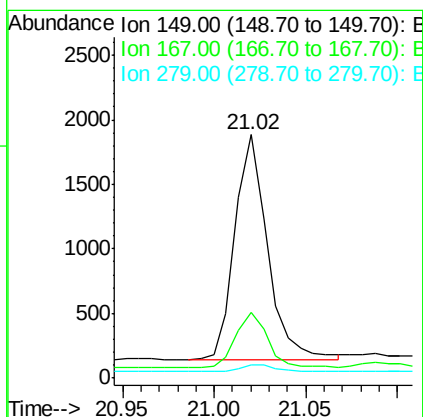
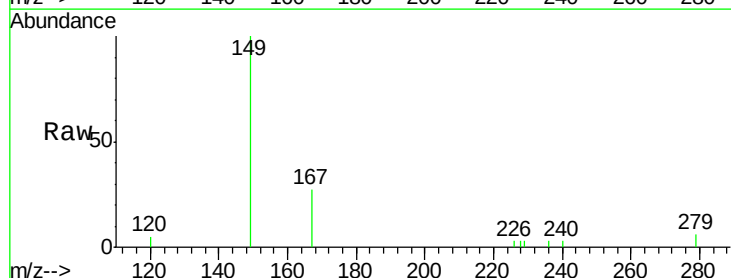
Instrument :
 BNA_E
 ClientSampleId :

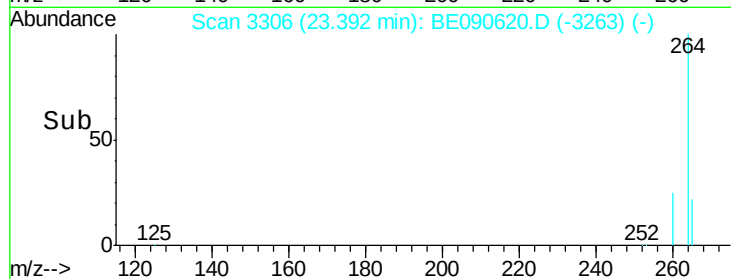
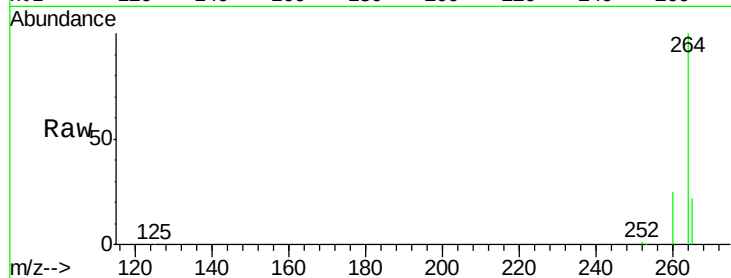
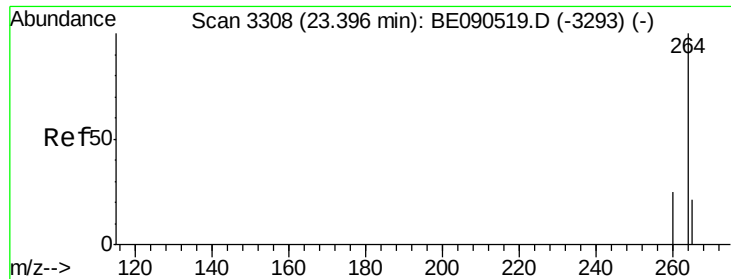
Tot Ion:244 Resp: 81844
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.6 9.8
 122 14.3 10.2 15.4



#30
 Bis(2-ethylhexyl)phthalate
 Concen: 0.26 ng
 RT: 21.02 min Scan# 2853
 Delta R.T. -0.00 min
 Lab File: BE090620.D
 Acq: 25 Aug 2015 19:09

Tgt Ion:149 Resp: 2145
 Ion Ratio Lower Upper
 149 100
 167 24.5 19.8 29.8
 279 3.1 2.4 3.6





#32
Pervlene-d12
Concen: 5.00 ng
RT: 23.39 min Scan# 3306
Delta R.T. -0.00 min
Lab File: BE090620.D
Acq: 25 Aug 2015 19:09

Instrument :
BNA_E
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.1	30.1
265	22.2	17.2	25.8

