

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE082015\
 Data File : BE090577.D
 Acq On : 20 Aug 2015 16:10
 Operator : UM/IZ
 Sample : G3364-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 081915-D534-E-U-B

Quant Time: Aug 21 01:31:37 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

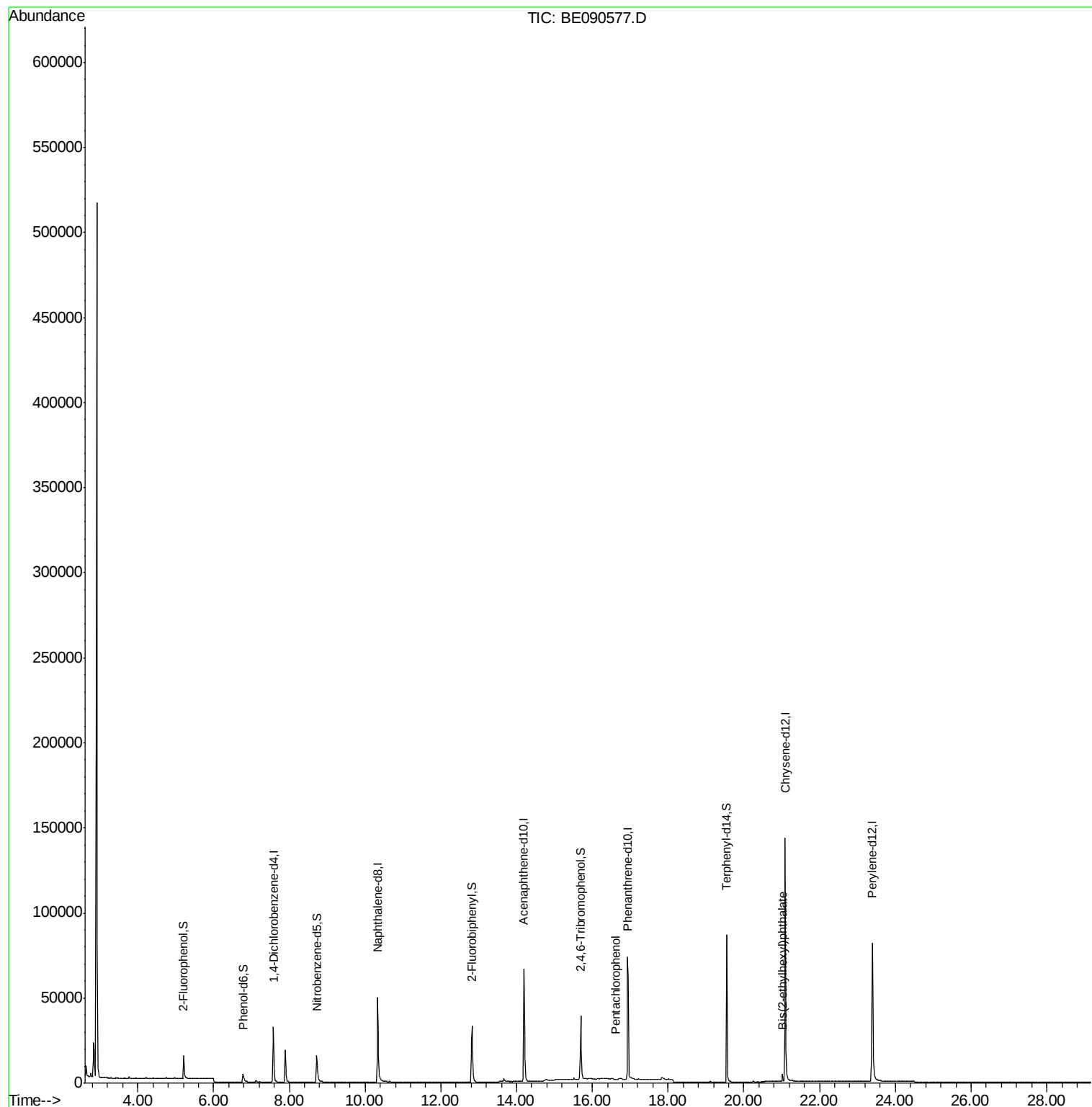
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	17237	5.00	ng	0.00
6) Naphthalene-d8	10.33	136	80971	5.00	ng	0.00
12) Acenaphthene-d10	14.20	164	49121	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	120993	5.00	ng	0.00
25) Chrysene-d12	21.09	240	142547	5.00	ng	0.00
32) Perylene-d12	23.39	264	130951	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	11191	2.25	ng	0.00
5) Phenol-d6	6.78	99	9445	1.29	ng	0.00
7) Nitrobenzene-d5	8.73	82	20848	3.23	ng	0.00
13) 2,4,6-Tribromophenol	15.69	330	17912	9.48	ng	-0.02
14) 2-Fluorobiphenyl	12.82	172	46087	3.14	ng	0.00
27) Terphenyl-d14	19.55	244	91593	3.51	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.18	88	51	Below Cal	#	1
21) Pentachlorophenol	16.61	266	22	0.31 ng	#	68
30) Bis(2-ethylhexyl)phthalate	21.02	149	4275	0.32 ng		98

(#) = 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: BE090577.D

Acq: 20 Aug 2015 16:10

Instrument :

BNA_E

ClientSampleId :

081915-D534-E-U-B

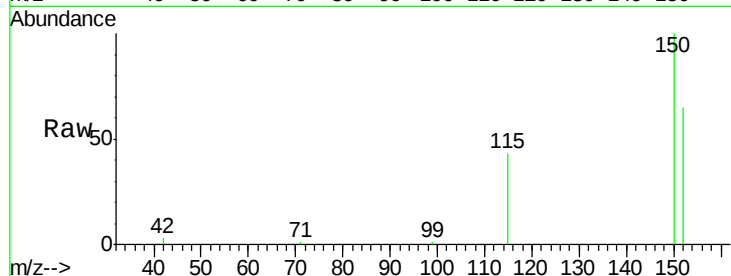
Tgt Ion:152 Resp: 17237

Ion Ratio Lower Upper

152 100

150 155.0 123.0 184.4

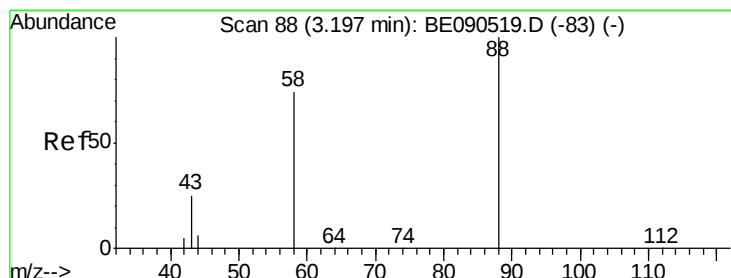
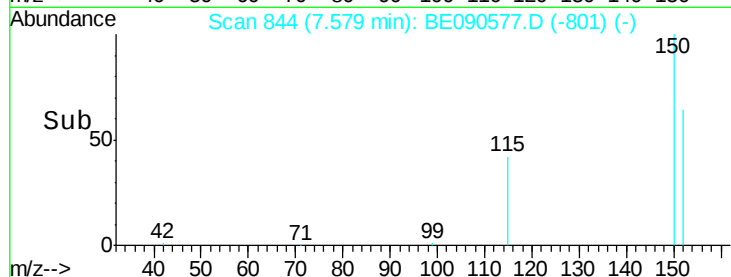
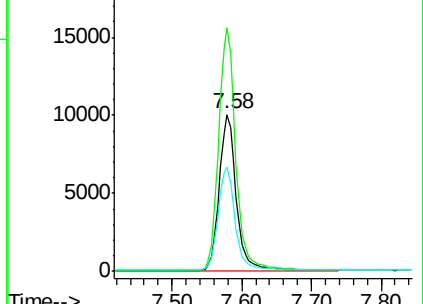
115 66.2 48.9 73.3



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: 3.18 min Scan# 86

Delta R.T. -0.01 min

Lab File: BE090577.D

Acq: 20 Aug 2015 16:10

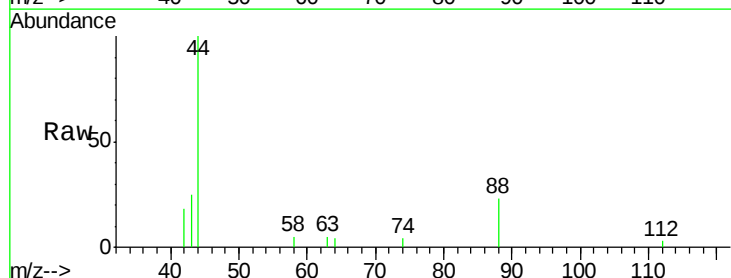
Tgt Ion: 88 Resp: 51

Ion Ratio Lower Upper

88 100

58 47.1 70.0 105.0#

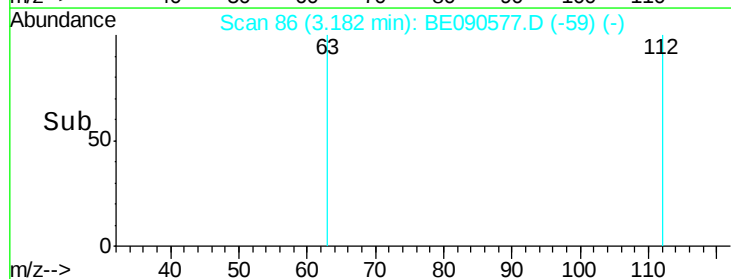
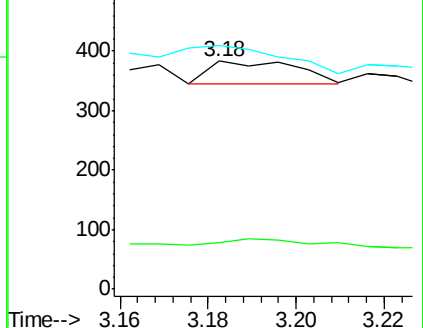
43 213.7 28.4 42.6#



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: 2.25 ng

RT: 5.21 min Scan# 385

Delta R.T. -0.01 min

Lab File: BE090577.D

Acq: 20 Aug 2015 16:10

Instrument :

BNA_E

ClientSampleId :

081915-D534-E-U-B

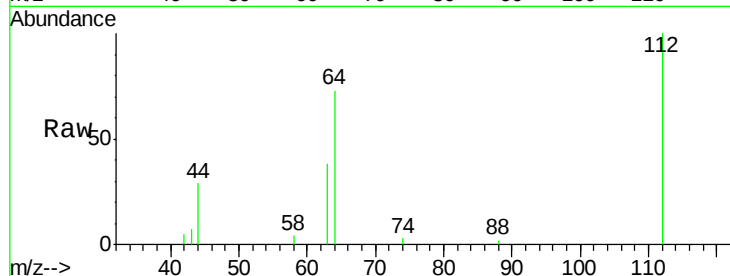
Tgt Ion: 112 Resp: 11191

Ion Ratio Lower Upper

112 100

64 70.0 37.1 55.7#

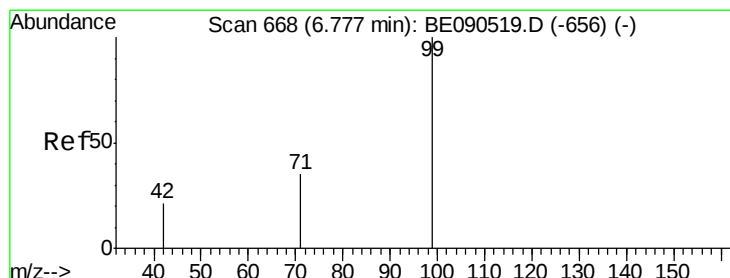
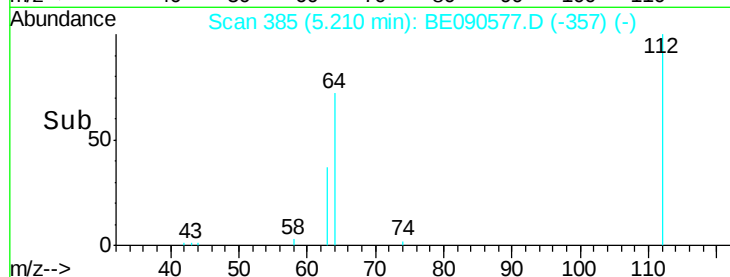
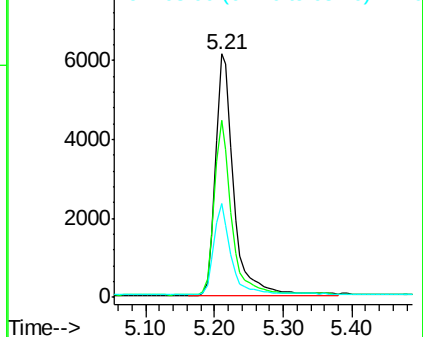
63 35.7 19.5 29.3#



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 1.29 ng

RT: 6.78 min Scan# 668

Delta R.T. -0.00 min

Lab File: BE090577.D

Acq: 20 Aug 2015 16:10

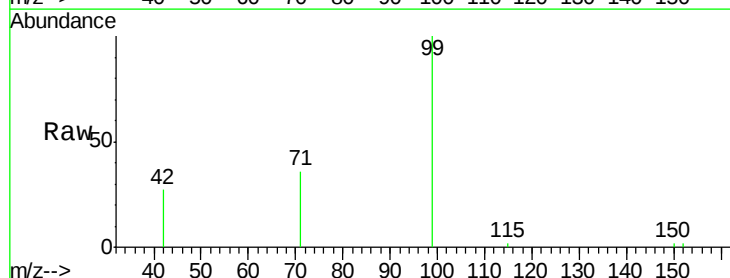
Tgt Ion: 99 Resp: 9445

Ion Ratio Lower Upper

99 100

42 19.8 18.2 27.4

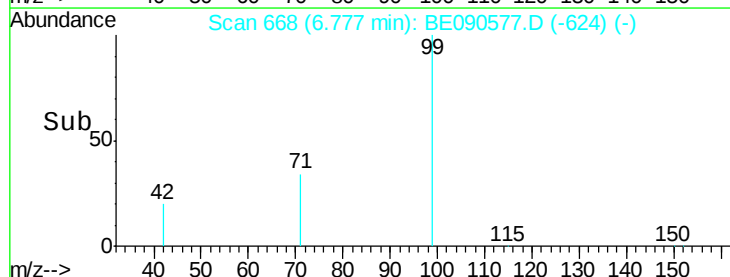
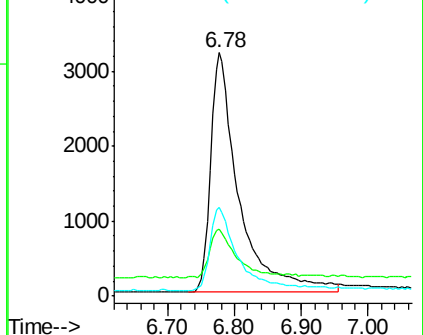
71 33.8 27.4 41.0

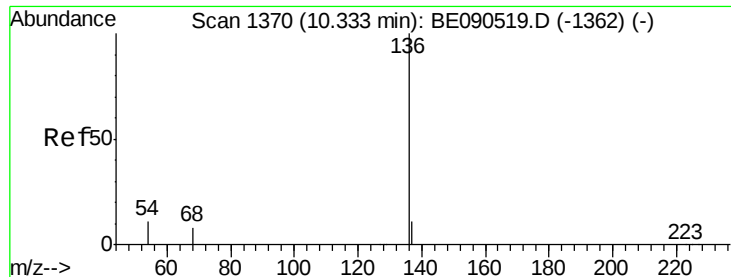


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

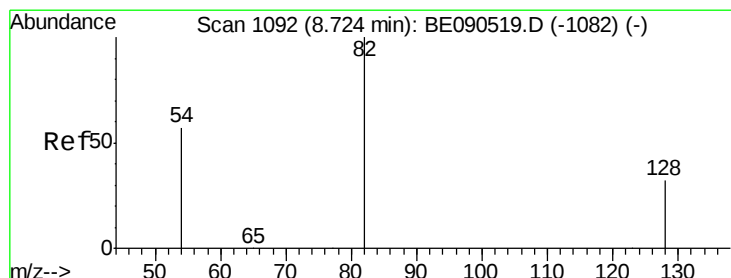
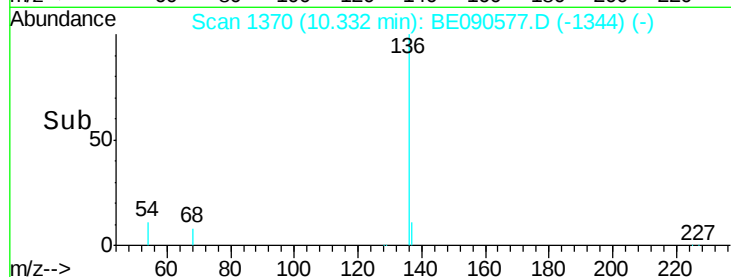
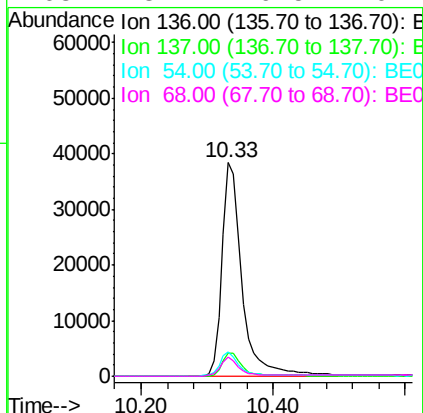
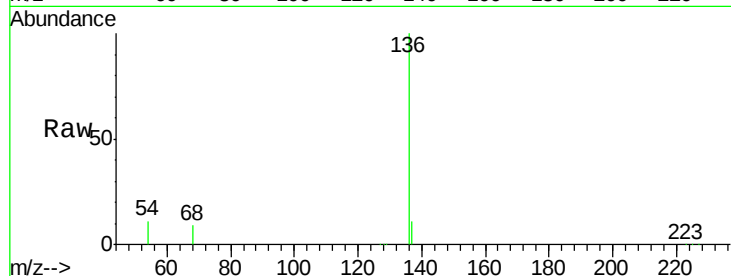




#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.33 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BE090577.D
Acq: 20 Aug 2015 16:10

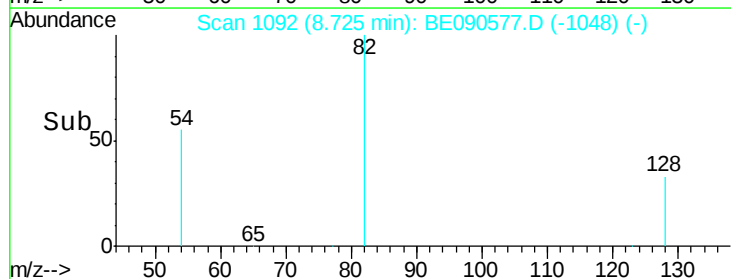
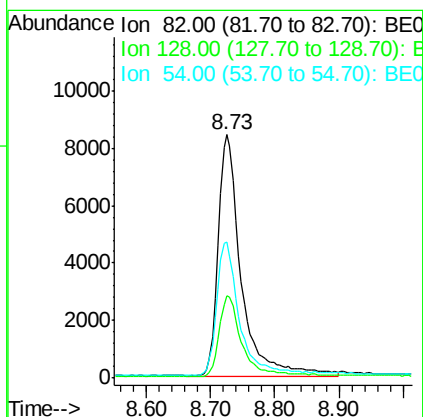
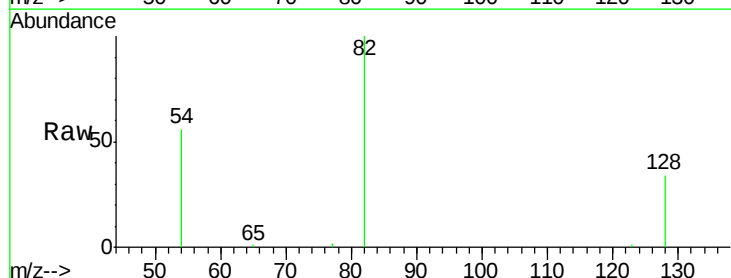
Instrument :
BNA_E
ClientSampleId :
081915-D534-E-U-B

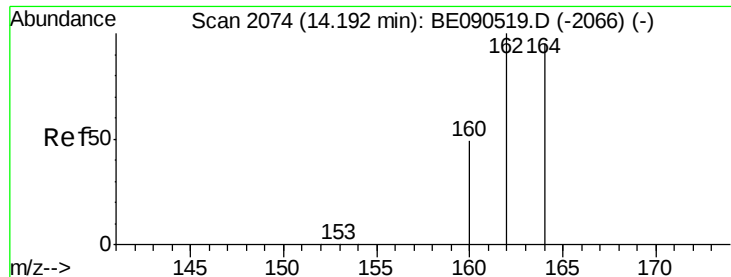
Tgt Ion:	136	Resp:	80971
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	11.5	9.4	14.0
68	8.7	6.5	9.7



#7
Nitrobenzene-d5
Concen: 3.23 ng
RT: 8.73 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BE090577.D
Acq: 20 Aug 2015 16:10

Tgt Ion:	82	Resp:	20848
Ion	Ratio	Lower	Upper
82	100		
128	33.6	25.0	37.6
54	56.0	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: BE090577.D

Acq: 20 Aug 2015 16:10

Instrument :

BNA_E

ClientSampleId :

081915-D534-E-U-B

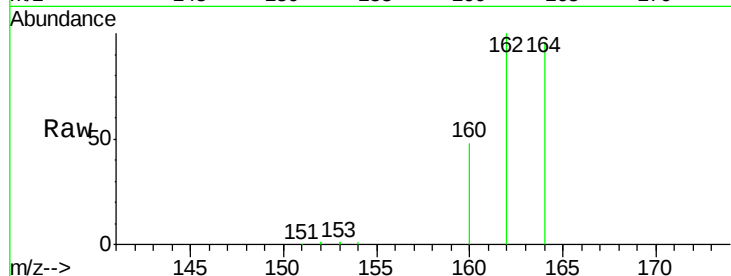
Tgt Ion:164 Resp: 49121

Ion Ratio Lower Upper

164 100

162 104.4 81.8 122.8

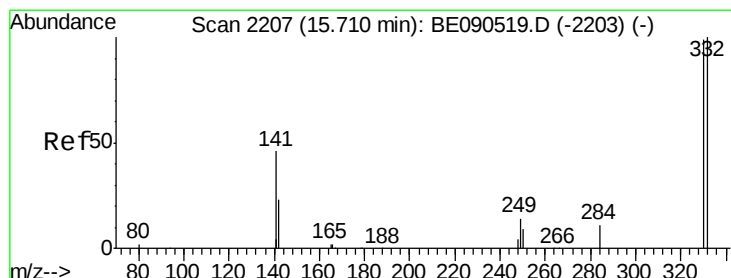
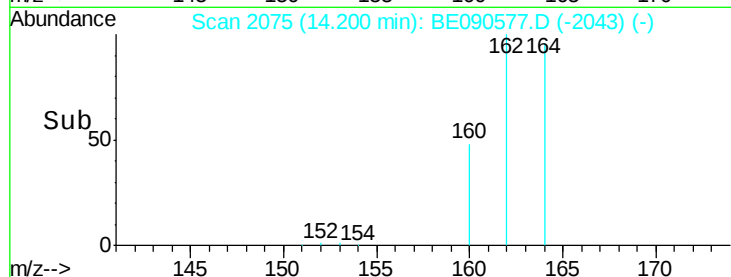
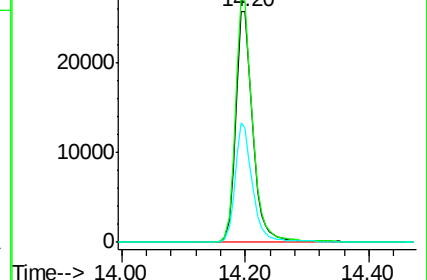
160 49.8 44.2 66.4



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: 9.48 ng

RT: 15.69 min Scan# 2205

Delta R.T. -0.02 min

Lab File: BE090577.D

Acq: 20 Aug 2015 16:10

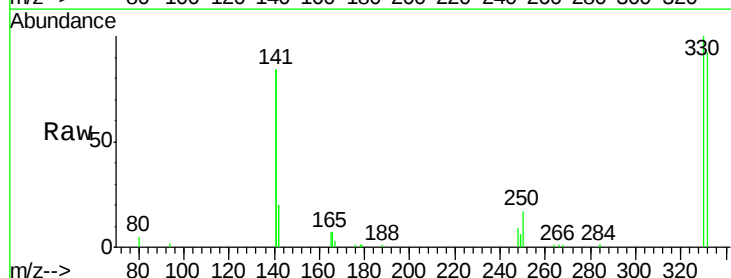
Tgt Ion:330 Resp: 17912

Ion Ratio Lower Upper

330 100

332 97.5 75.8 113.6

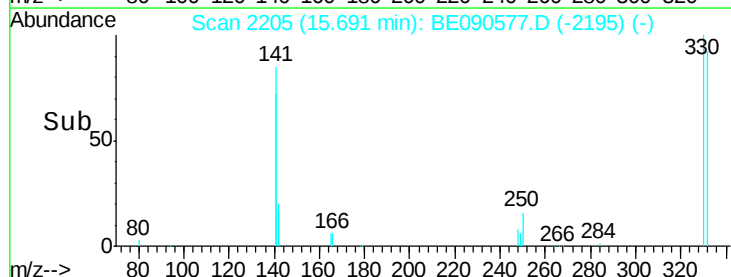
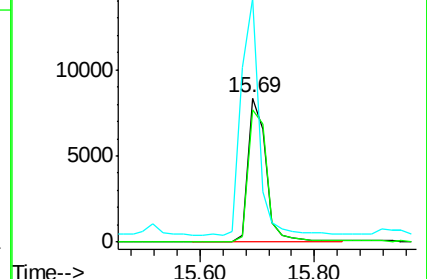
141 161.3 114.4 171.6

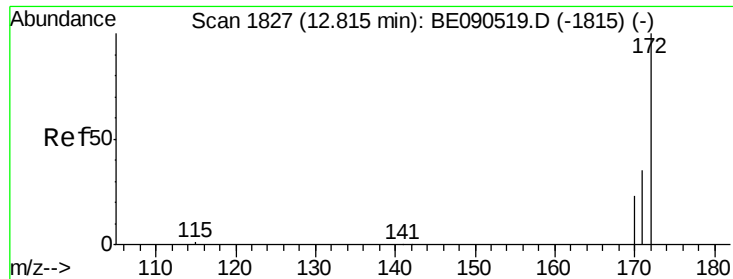


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

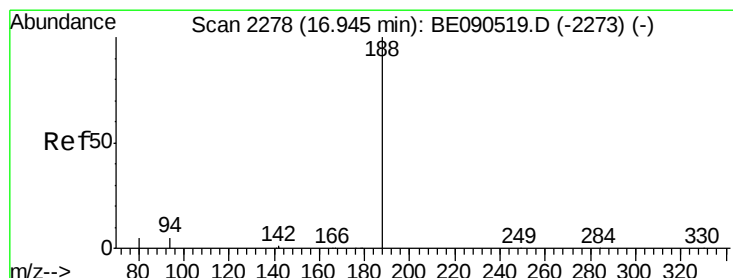
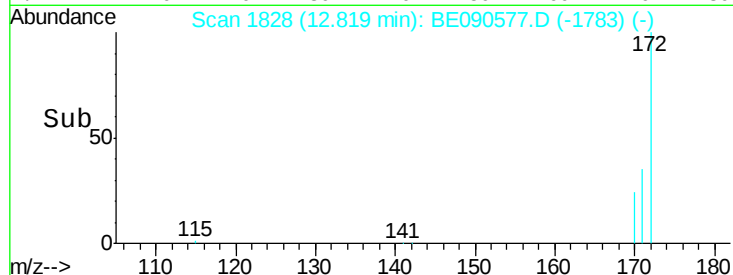
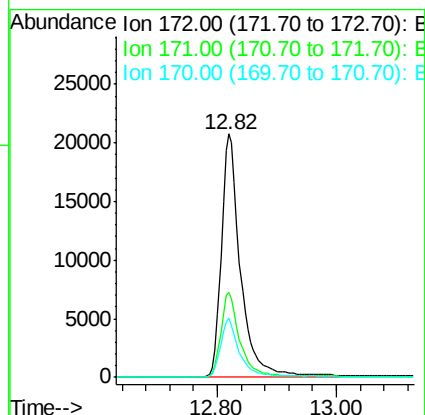
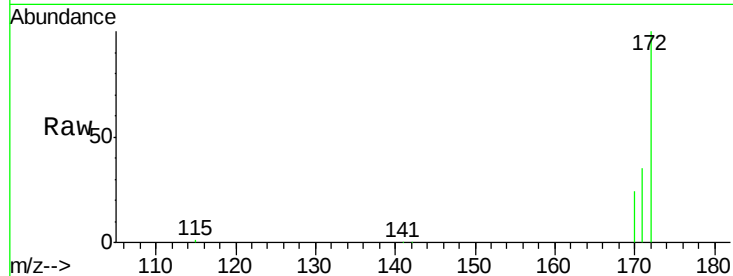




#14
2-Fluorobiphenyl
Concen: 3.14 ng
RT: 12.82 min Scan# 1828
Delta R.T. 0.00 min
Lab File: BE090577.D
Acq: 20 Aug 2015 16:10

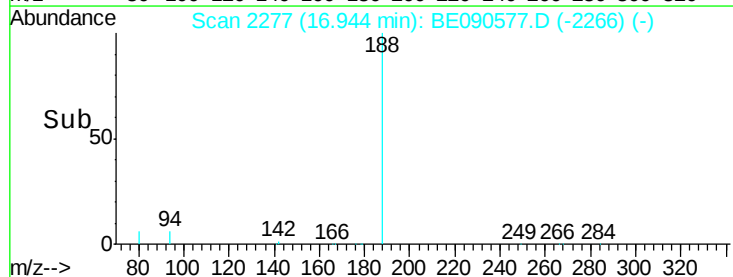
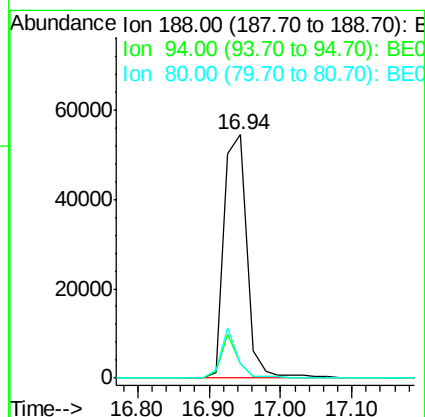
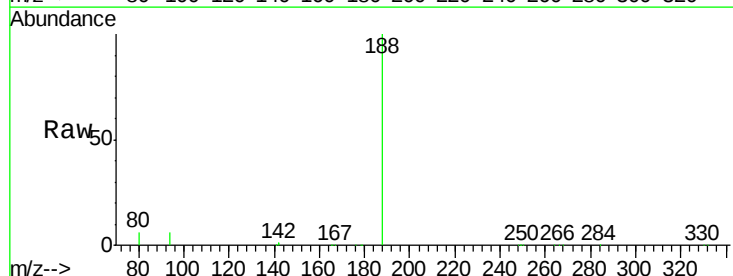
Instrument :
BNA_E
ClientSampleId :
081915-D534-E-U-B

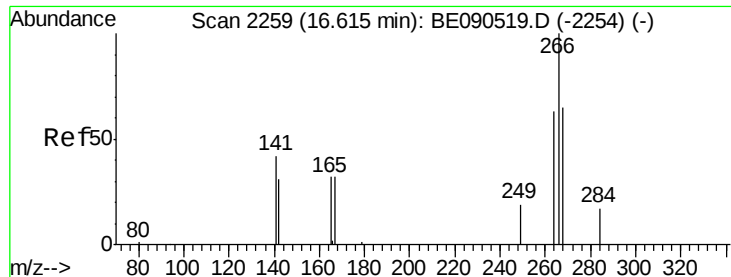
Tgt Ion:172 Resp: 46087
Ion Ratio Lower Upper
172 100
171 34.9 28.5 42.7
170 24.3 19.8 29.8



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 2277
Delta R.T. -0.00 min
Lab File: BE090577.D
Acq: 20 Aug 2015 16:10

Tgt Ion:188 Resp: 120993
Ion Ratio Lower Upper
188 100
94 5.8 5.7 8.5
80 5.9 5.8 8.8

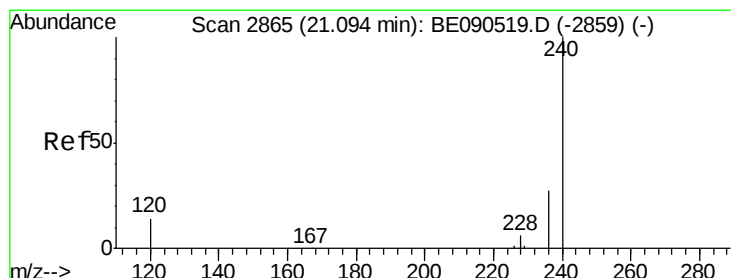
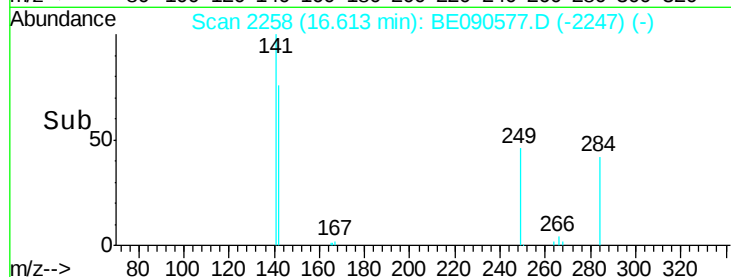
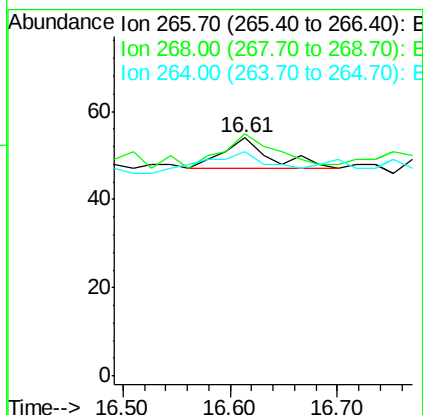
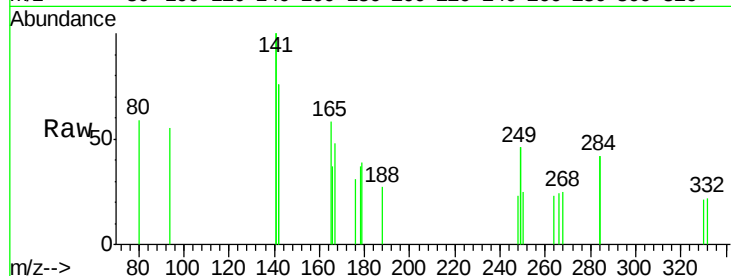




#21
 Pentachlorophenol
 Concen: 0.31 ng
 RT: 16.61 min Scan# 2258
 Delta R.T. -0.00 min
 Lab File: BE090577.D
 Acq: 20 Aug 2015 16:10

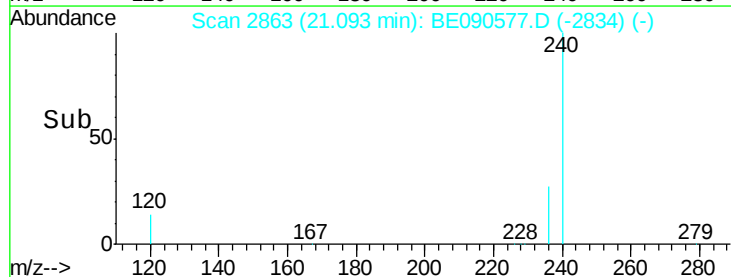
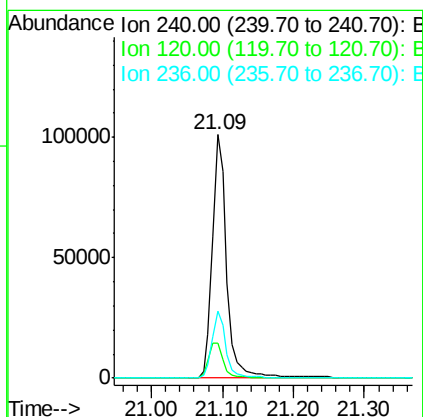
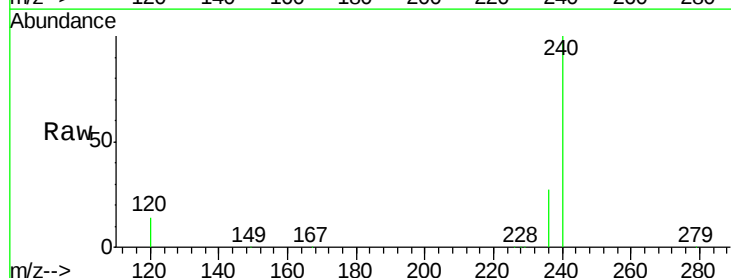
Instrument :
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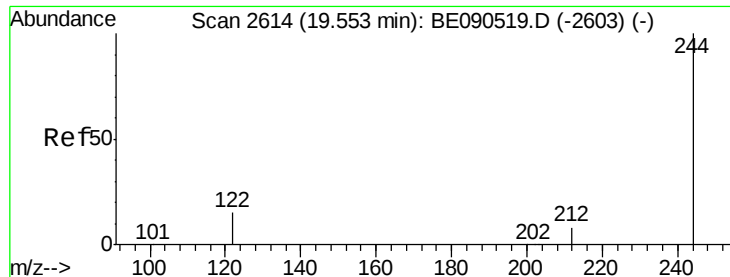
Tgt Ion: 266 Resp: 22
 Ion Ratio Lower Upper
 266 100
 268 101.9 58.5 87.7#
 264 94.4 56.0 84.0#



#25
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.09 min Scan# 2863
 Delta R.T. -0.00 min
 Lab File: BE090577.D
 Acq: 20 Aug 2015 16:10

Tgt Ion: 240 Resp: 142547
 Ion Ratio Lower Upper
 240 100
 120 14.3 8.3 12.5#
 236 27.3 21.0 31.4

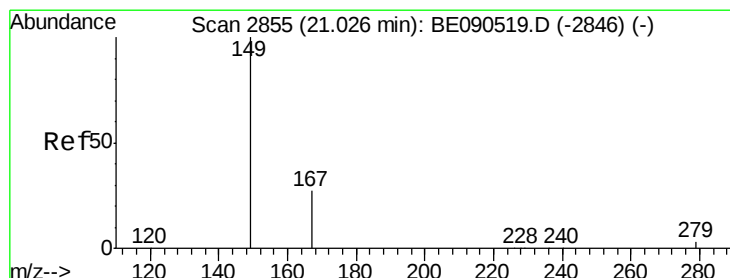
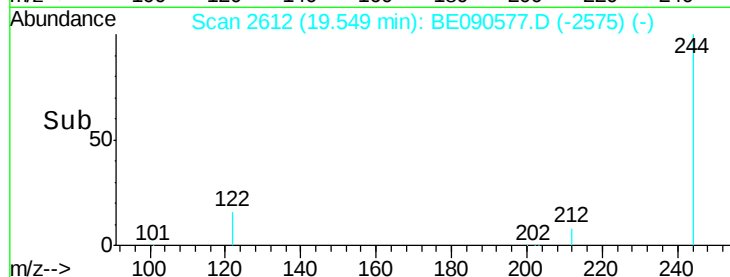
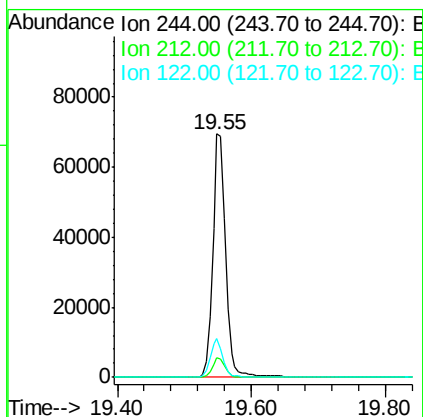
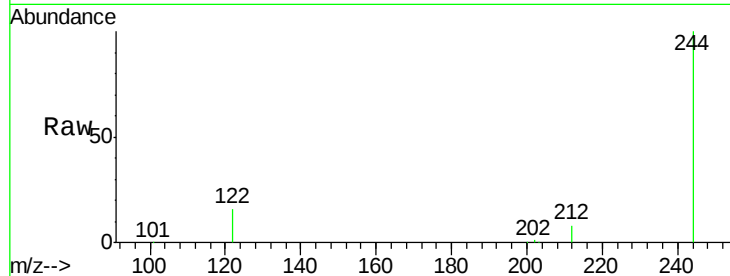




#27
 Terphenyl-d14
 Concen: 3.51 ng
 RT: 19.55 min Scan# 2612
 Delta R.T. -0.00 min
 Lab File: BE090577.D
 Acq: 20 Aug 2015 16:10

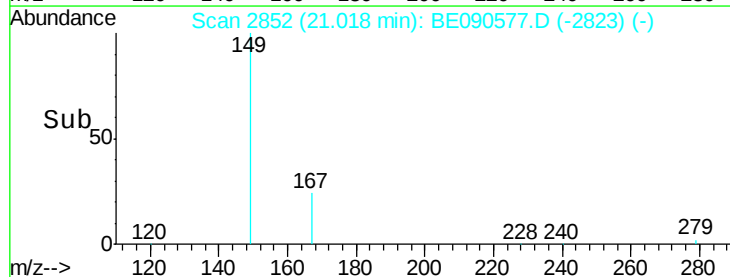
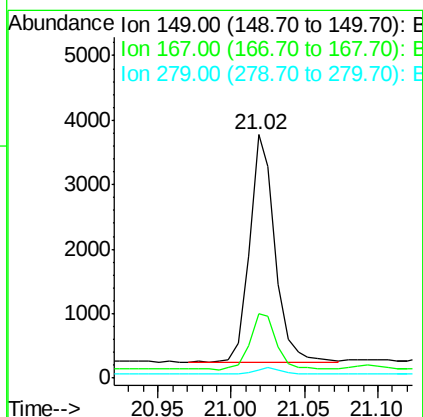
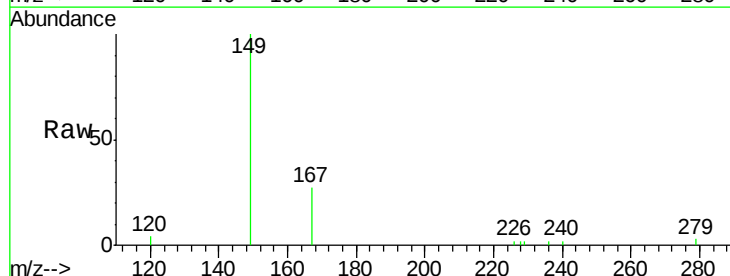
Instrument :
 BNA_E
 ClientSampleId :
 081915-D534-E-U-B

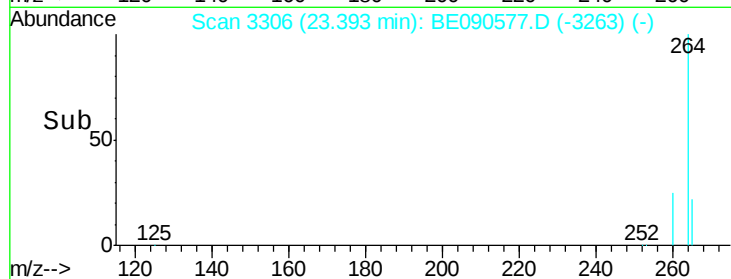
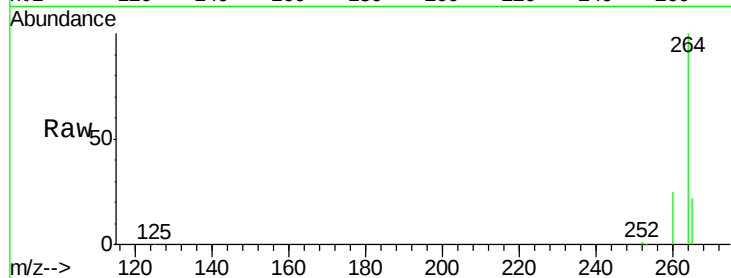
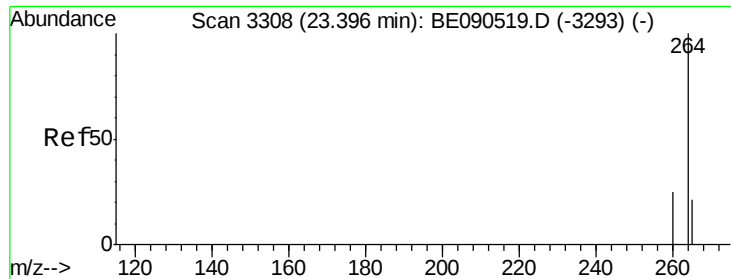
Tgt Ion: 244 Resp: 91593
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.6 9.8
 122 16.2 10.2 15.4#



#30
 Bis(2-ethylhexyl)phthalate
 Concen: 0.32 ng
 RT: 21.02 min Scan# 2852
 Delta R.T. -0.01 min
 Lab File: BE090577.D
 Acq: 20 Aug 2015 16:10

Tgt Ion: 149 Resp: 4275
 Ion Ratio Lower Upper
 149 100
 167 25.7 19.8 29.8
 279 3.1 2.4 3.6





#32

Perylene-d12

Concen: 5.00 ng

RT: 23.39 min Scan# 3306

Delta R.T. -0.00 min

Lab File: BE090577.D

Acq: 20 Aug 2015 16:10

Instrument :

BNA_E

ClientSampleId :

081915-D534-E-U-B

Tgt Ion: 264 Resp: 130951

Ion Ratio Lower Upper

264 100

260 24.9 20.1 30.1

265 22.1 17.2 25.8

