

Data Path : Z:\HPCHEM1\BNA E\DATA\BE082515\
 Data File : BE090621.D
 Acq On : 25 Aug 2015 19:45
 Operator : UM/IZ
 Sample : G3401-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 26 03:27:53 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

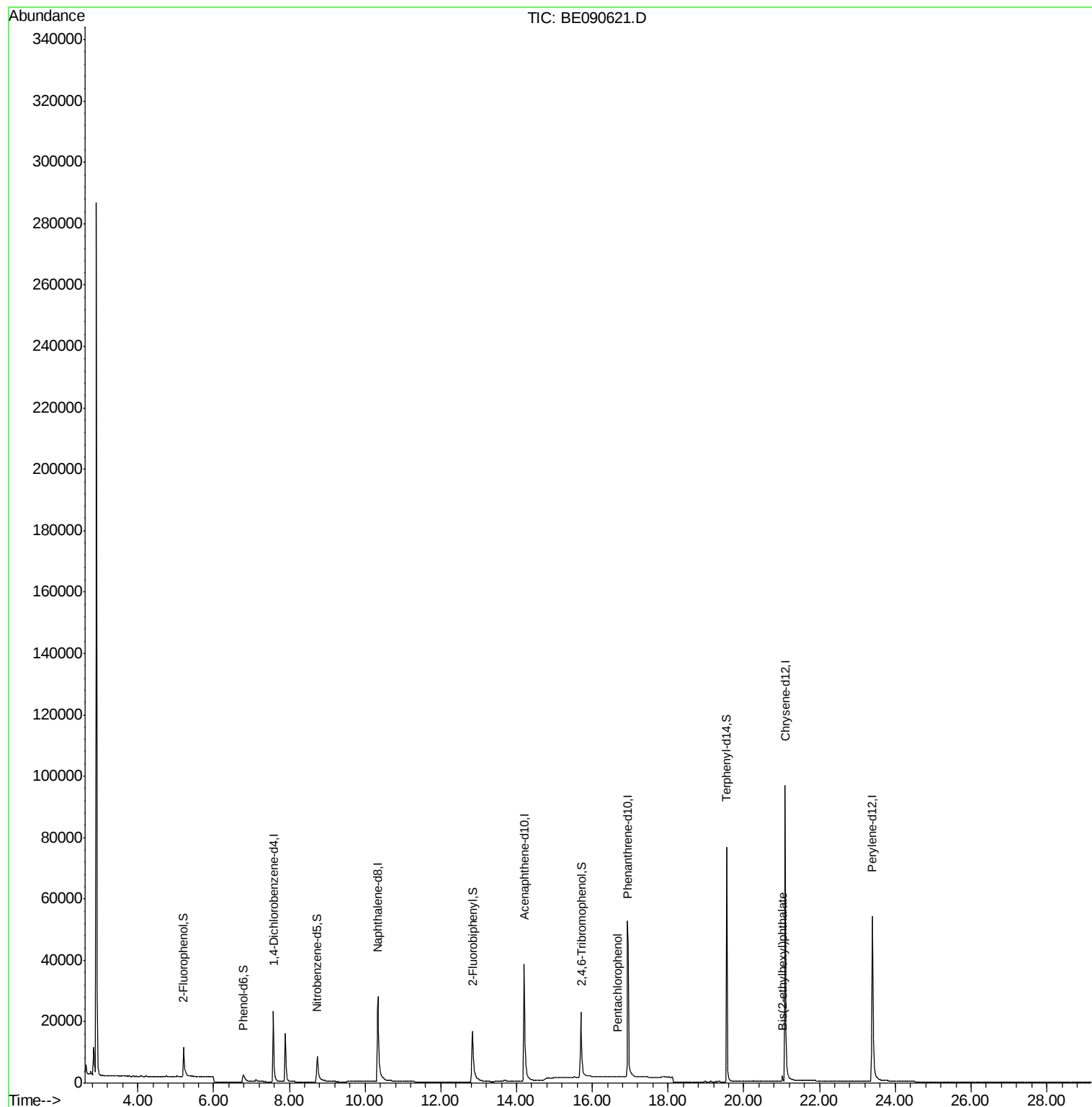
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	14094	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	60130	5.00	ng	0.00
12) Acenaphthene-d10	14.20	164	36148	5.00	ng	0.00
18) Phenanthrene-d10	16.95	188	95530	5.00	ng	0.00
25) Chrysene-d12	21.09	240	109727	5.00	ng	0.00
32) Perylene-d12	23.40	264	94397	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	10338	2.54	ng	0.00
5) Phenol-d6	6.78	99	7127	1.19	ng	0.00
7) Nitrobenzene-d5	8.74	82	16180	3.38	ng	0.01
13) 2,4,6-Tribromophenol	15.71	330	13145	9.45	ng	0.00
14) 2-Fluorobiphenyl	12.83	172	37312	3.46	ng	0.02
27) Terphenyl-d14	19.55	244	88348	4.40	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.34	88	40	Below Cal	#	15
21) Pentachlorophenol	16.67	266	7	0.30 ng	#	71
30) Bis(2-ethylhexyl)phthalate	21.02	149	1891	0.25 ng		95

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

Data Path : Z:\HPCHEM1\BNA E\DATA\BE082515\
Data File : BE090621.D
Acq On : 25 Aug 2015 19:45
Operator : UM/IZ
Sample : G3401-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Aug 26 03:27:53 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



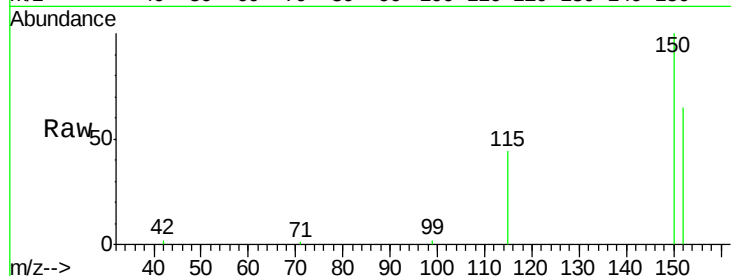


#1

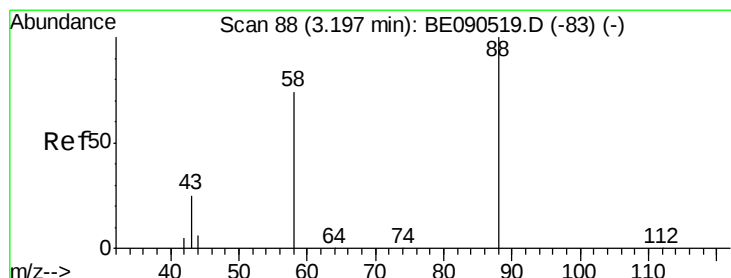
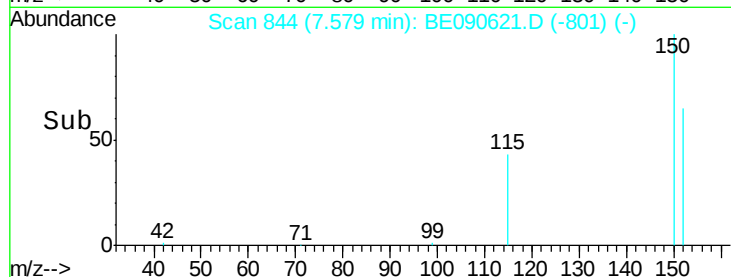
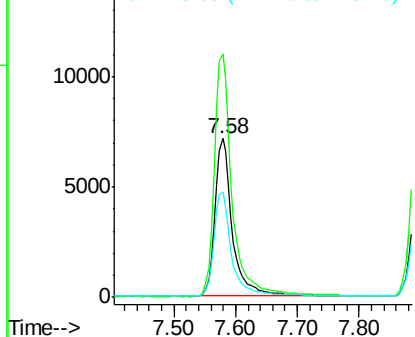
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.58 min Scan# 844
Delta R.T. -0.00 min
Lab File: BE090621.D
Acq: 25 Aug 2015 19:45

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 14094
Ion Ratio Lower Upper
152 100
150 153.0 123.0 184.4
115 66.6 48.9 73.3



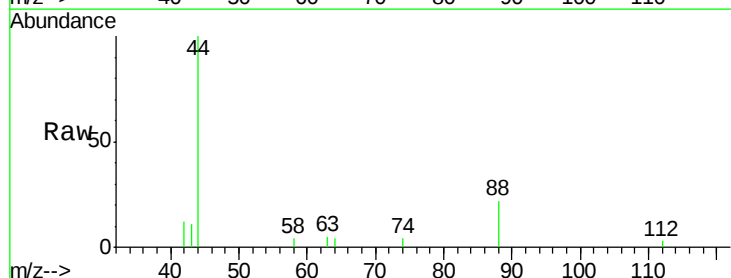
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



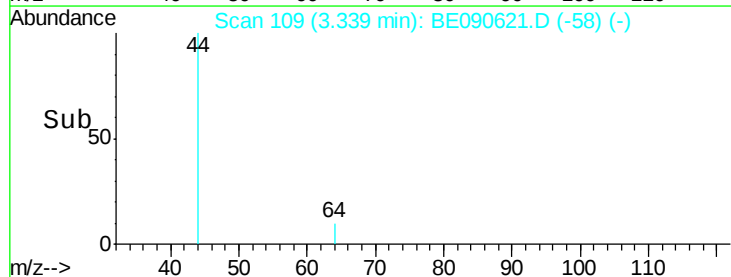
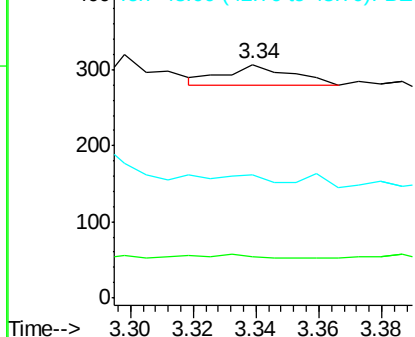
#2

1,4-Dioxane
Concen: Below Cal
RT: 3.34 min Scan# 109
Delta R.T. 0.14 min
Lab File: BE090621.D
Acq: 25 Aug 2015 19:45

Tgt Ion: 88 Resp: 40
Ion Ratio Lower Upper
88 100
58 0.0 70.0 105.0#
43 0.0 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: 2.54 ng

RT: 5.21 min Scan# 385

Delta R.T. -0.01 min

Lab File: BE090621.D

Acq: 25 Aug 2015 19:45

Instrument :

BNA_E

ClientSampleId :

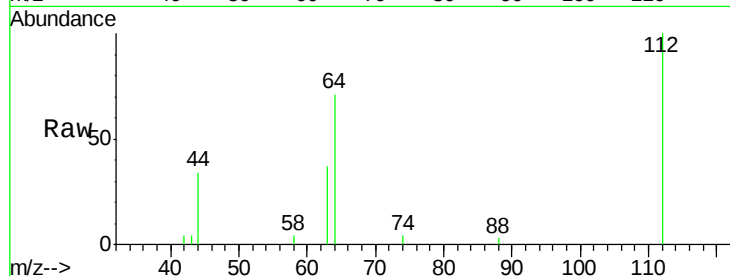
Tot Ion:112 Resp: 10338

Ion Ratio Lower Upper

112 100

64 70.1 37.1 55.7#

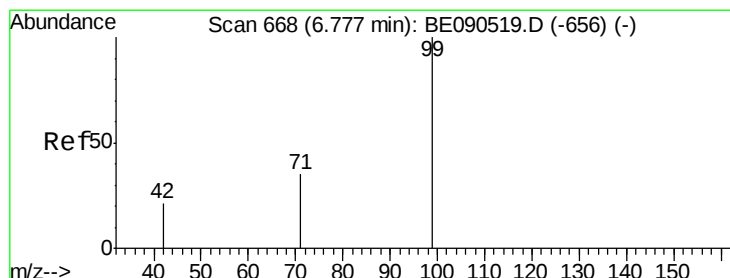
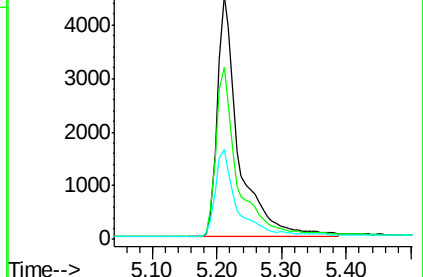
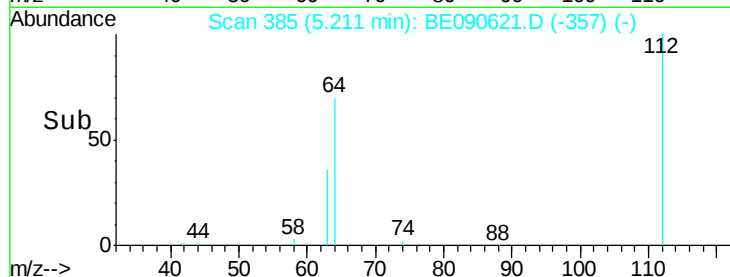
63 36.2 19.5 29.3#



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) (-)



#5

Phenol-d6

Concen: 1.19 ng

RT: 6.78 min Scan# 669

Delta R.T. 0.00 min

Lab File: BE090621.D

Acq: 25 Aug 2015 19:45

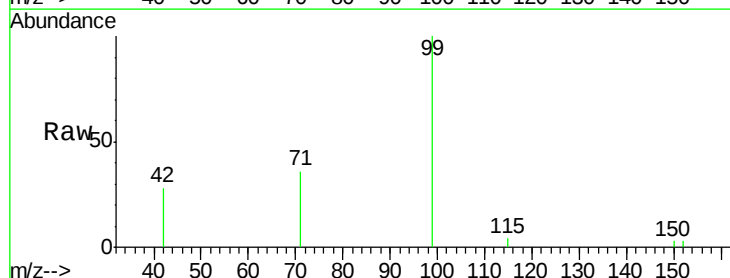
Tgt Ion: 99 Resp: 7127

Ion Ratio Lower Upper

99 100

42 20.3 18.2 27.4

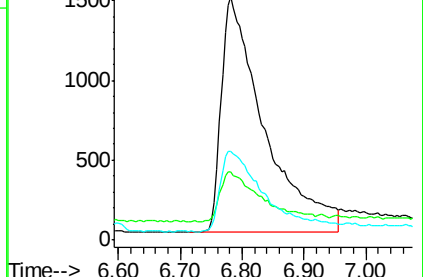
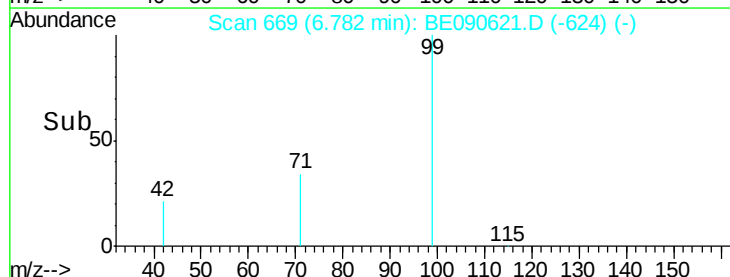
71 35.9 27.4 41.0

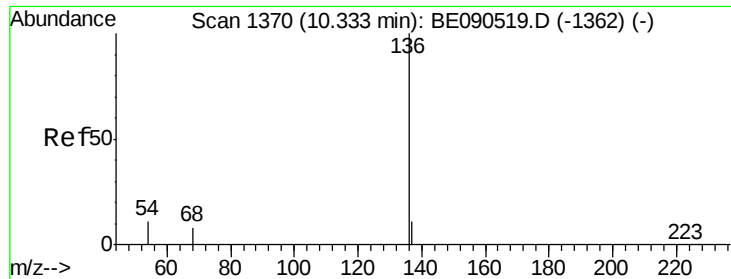


Abundance Ion 99.00 (98.70 to 99.70): BE090519.D (-656) (-)

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: BE090621.D

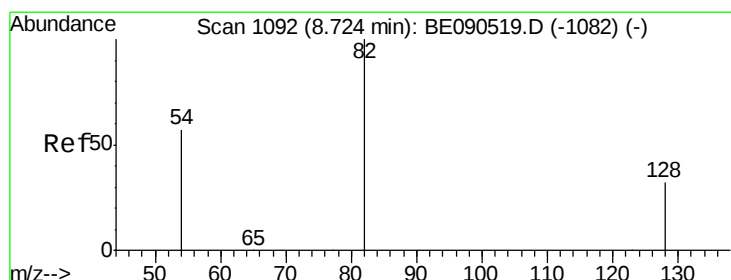
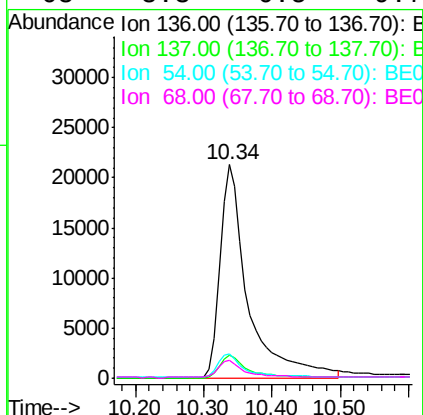
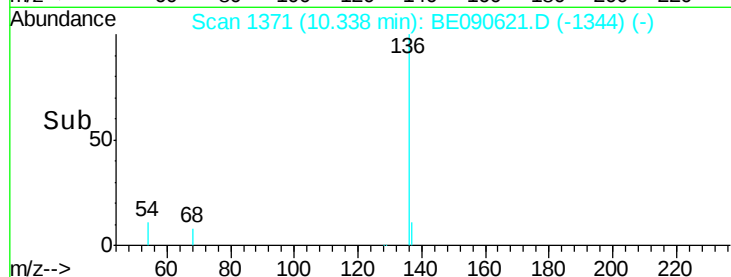
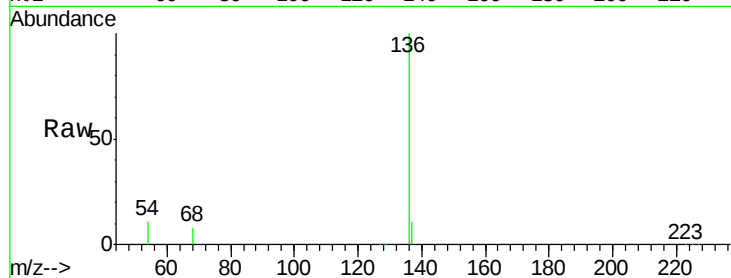
Acq: 25 Aug 2015 19:45

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136	Resp:	60130
Ion	Ratio	Lower Upper
136	100	
137	11.0	8.7 13.1
54	11.3	9.4 14.0
68	8.3	6.5 9.7



#7

Nitrobenzene-d5

Concen: 3.38 ng

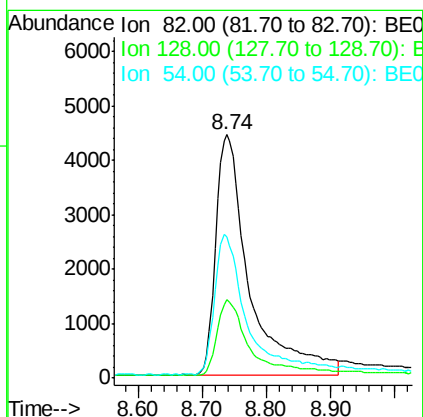
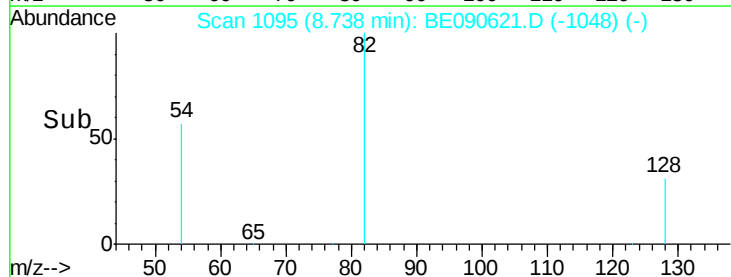
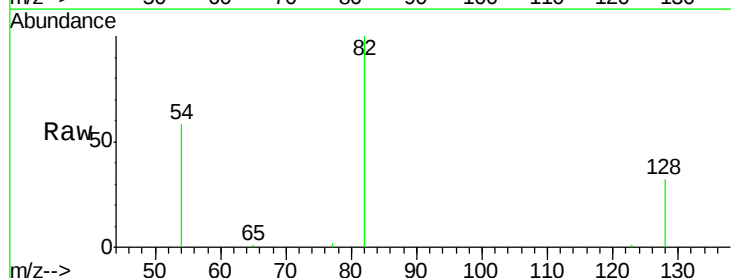
RT: 8.74 min Scan# 1095

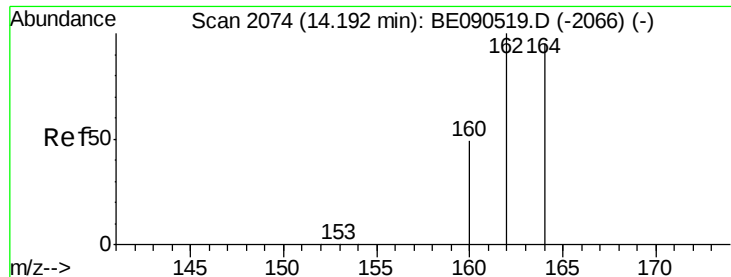
Delta R.T. 0.01 min

Lab File: BE090621.D

Acq: 25 Aug 2015 19:45

Tgt Ion: 82	Resp:	16180
Ion	Ratio	Lower Upper
82	100	
128	32.0	25.0 37.6
54	58.1	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: BE090621.D

Acq: 25 Aug 2015 19:45

Instrument :

BNA_E

ClientSampleId :

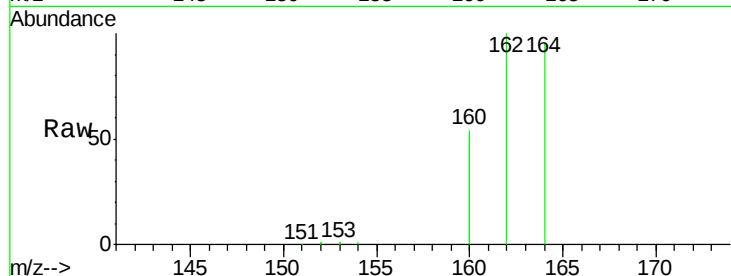
Tot Ion:164 Resp: 36148

Ion Ratio Lower Upper

164 100

162 104.9 81.8 122.8

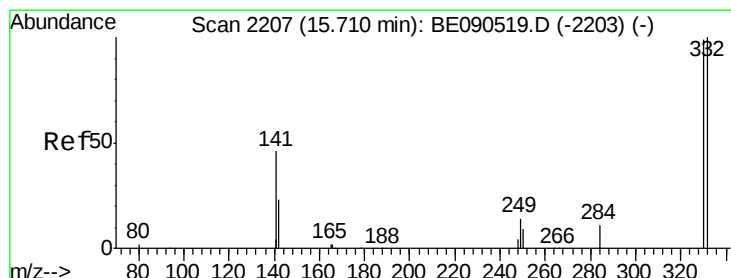
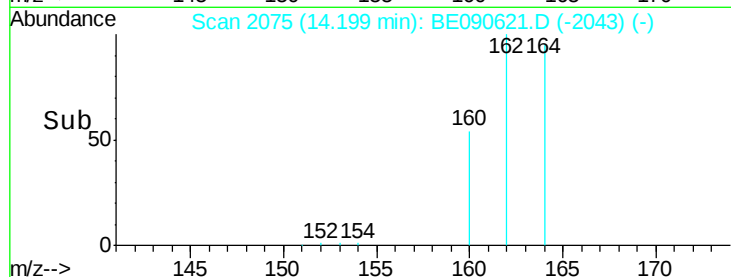
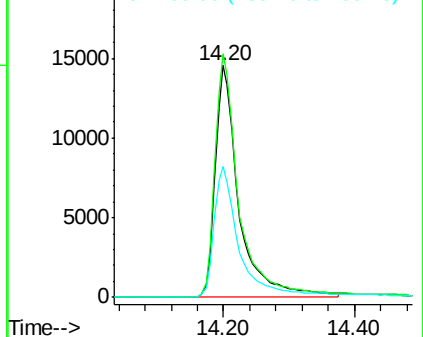
160 56.3 44.2 66.4



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: 9.45 ng

RT: 15.71 min Scan# 2207

Delta R.T. -0.00 min

Lab File: BE090621.D

Acq: 25 Aug 2015 19:45

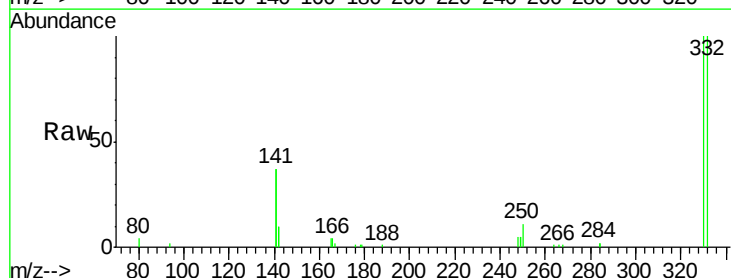
Tgt Ion:330 Resp: 13145

Ion Ratio Lower Upper

330 100

332 96.1 75.8 113.6

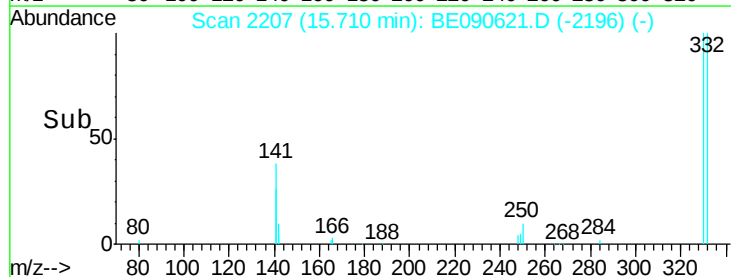
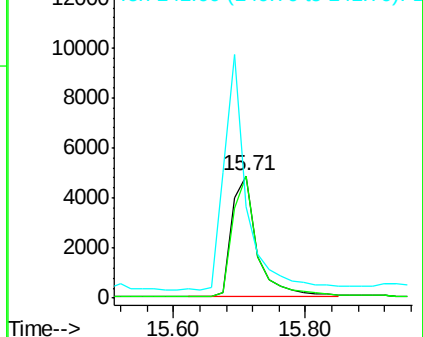
141 171.7 114.4 171.6#

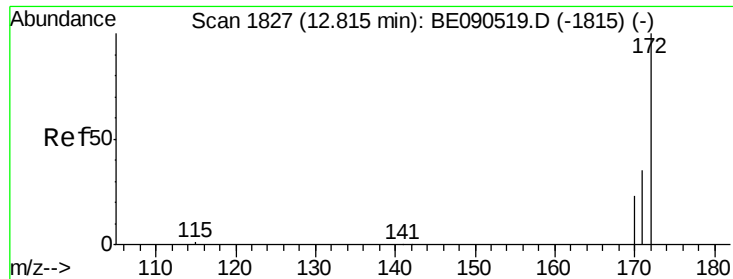


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

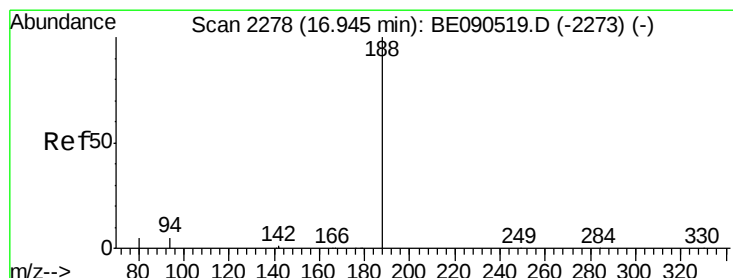
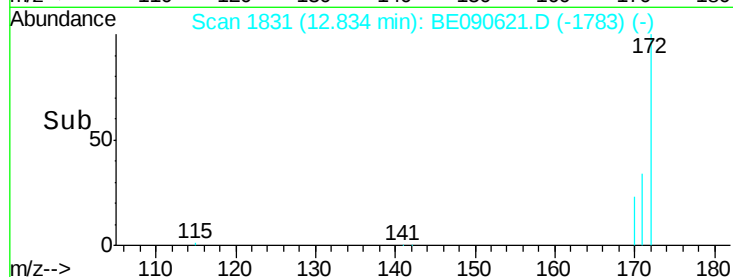
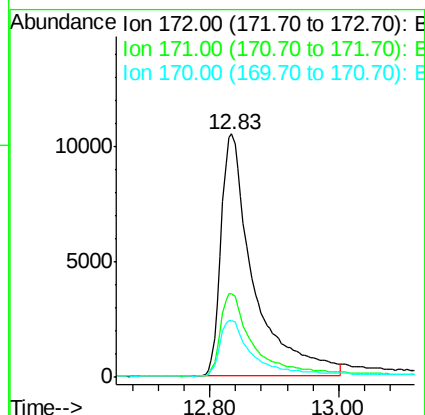
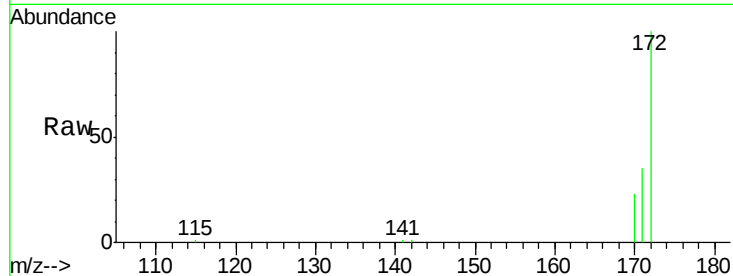




#14
 2-Fluorobiphenyl
 Concen: 3.46 ng
 RT: 12.83 min Scan# 1831
 Delta R.T. 0.02 min
 Lab File: BE090621.D
 Acq: 25 Aug 2015 19:45

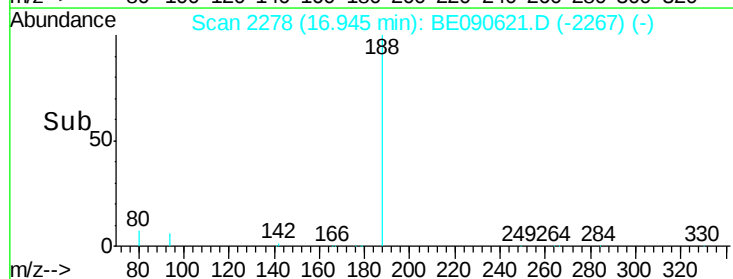
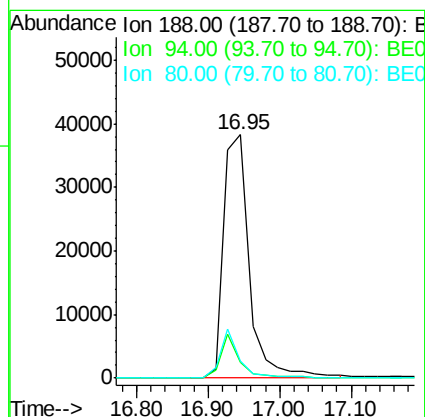
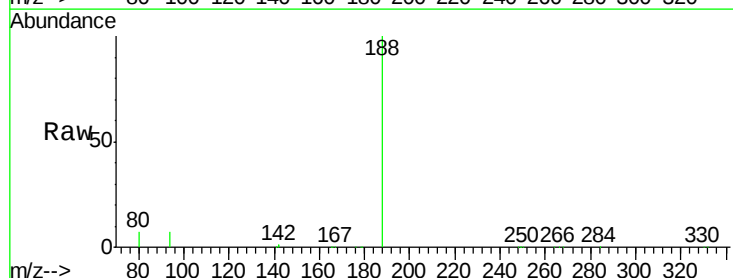
Instrument :
 BNA_E
 ClientSampleId :

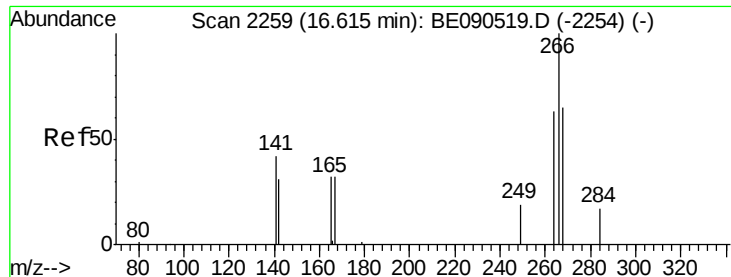
Tot Ion:172 Resp: 37312
 Ion Ratio Lower Upper
 172 100
 171 34.5 28.5 42.7
 170 23.4 19.8 29.8



#18
 Phenanthrene-d10
 Concen: 5.00 ng
 RT: 16.95 min Scan# 2278
 Delta R.T. -0.00 min
 Lab File: BE090621.D
 Acq: 25 Aug 2015 19:45

Tgt Ion:188 Resp: 95530
 Ion Ratio Lower Upper
 188 100
 94 6.7 5.7 8.5
 80 7.0 5.8 8.8

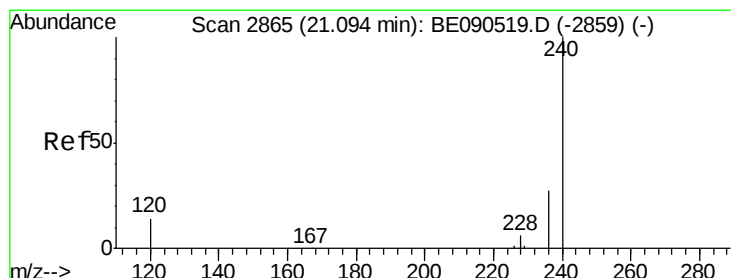
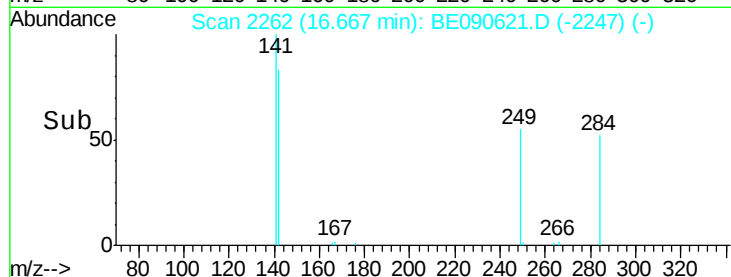
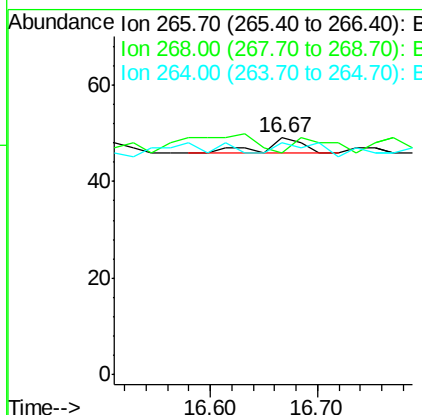
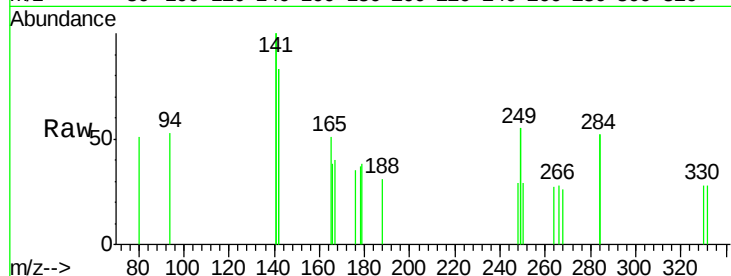




#21
Pentachlorophenol
Concen: 0.30 ng
RT: 16.67 min Scan# 2262
Delta R.T. 0.05 min
Lab File: BE090621.D
Acq: 25 Aug 2015 19:45

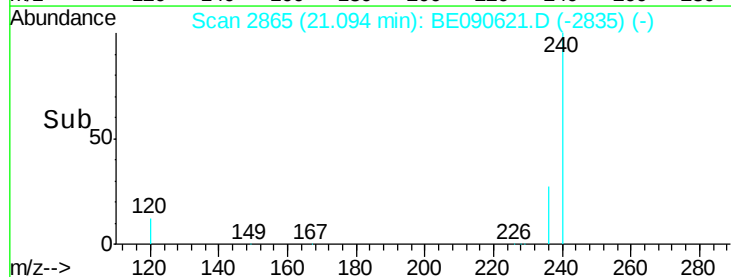
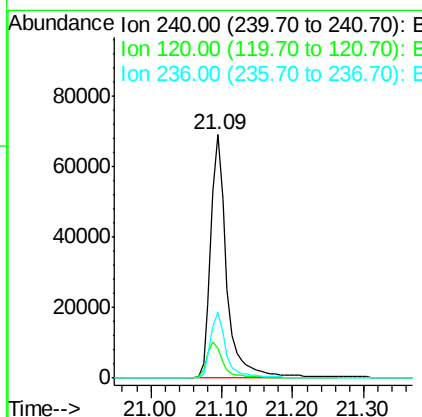
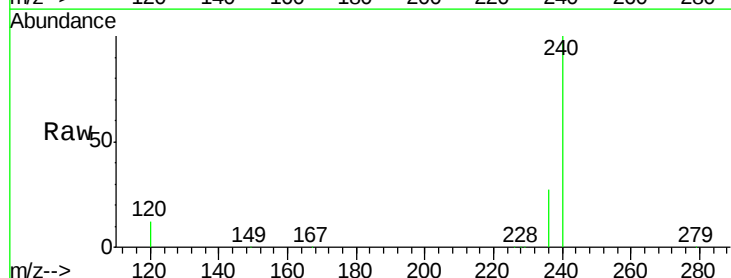
Instrument :
BNA_E
ClientSampleId :

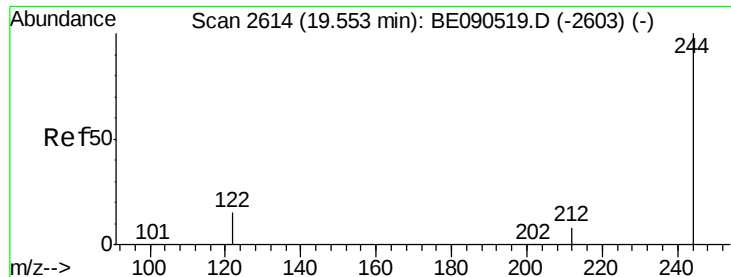
Tot Ion:266 Resp: 7
Ion Ratio Lower Upper
266 100
268 93.9 58.5 87.7#
264 98.0 56.0 84.0#



#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.09 min Scan# 2865
Delta R.T. 0.00 min
Lab File: BE090621.D
Acq: 25 Aug 2015 19:45

Tgt Ion:240 Resp: 109727
Ion Ratio Lower Upper
240 100
120 12.2 8.3 12.5
236 26.8 21.0 31.4





#27

Terphenyl-d14

Concen: 4.40 ng

RT: 19.55 min Scan# 2613

Delta R.T. -0.00 min

Lab File: BE090621.D

Acq: 25 Aug 2015 19:45

Instrument :

BNA_E

ClientSampleId :

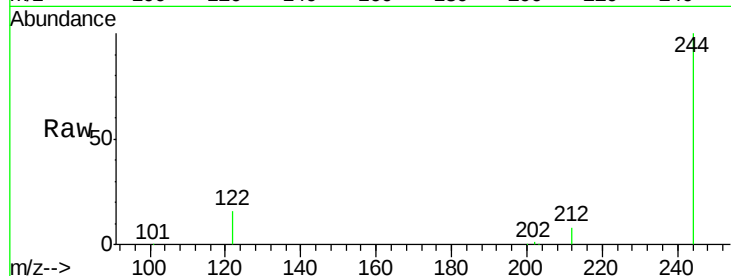
Tot Ion:244 Resp: 88348

Ion Ratio Lower Upper

244 100

212 8.3 6.6 9.8

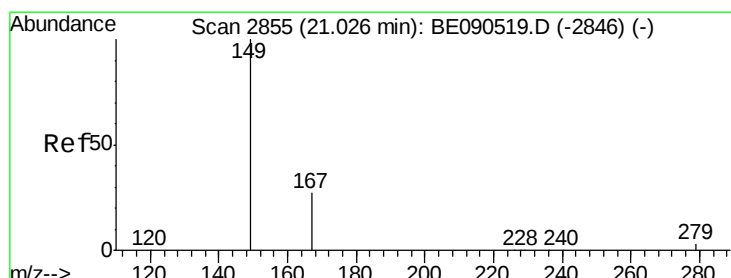
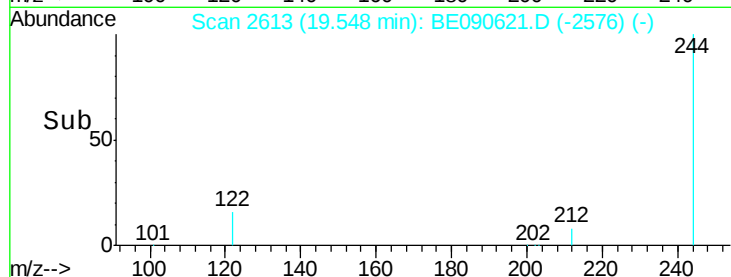
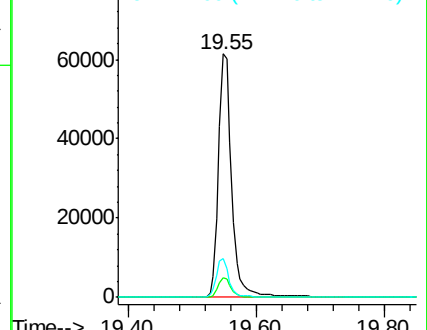
122 16.0 10.2 15.4#



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



#30

Bis(2-ethylhexyl)phthalate

Concen: 0.25 ng

RT: 21.02 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BE090621.D

Acq: 25 Aug 2015 19:45

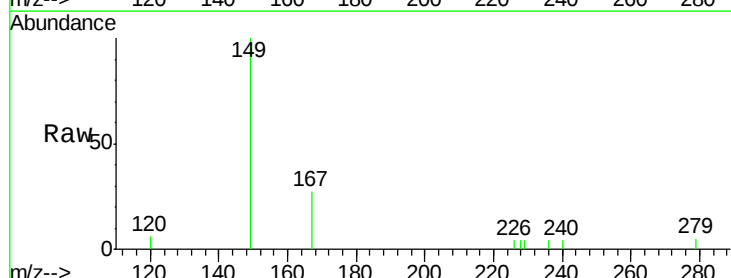
Tgt Ion:149 Resp: 1891

Ion Ratio Lower Upper

149 100

167 21.9 19.8 29.8

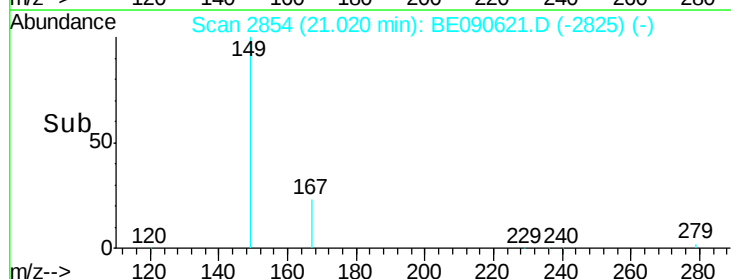
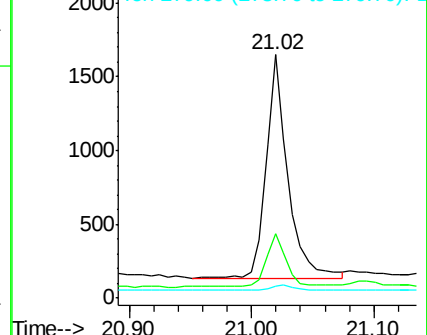
279 2.7 2.4 3.6

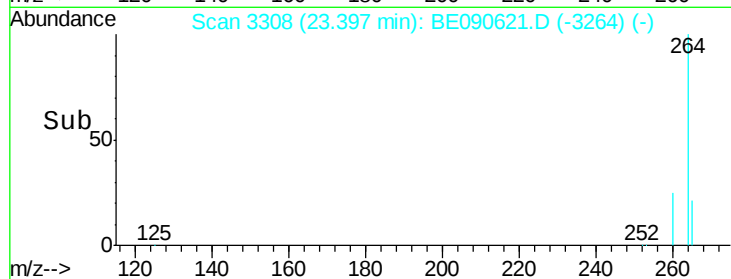
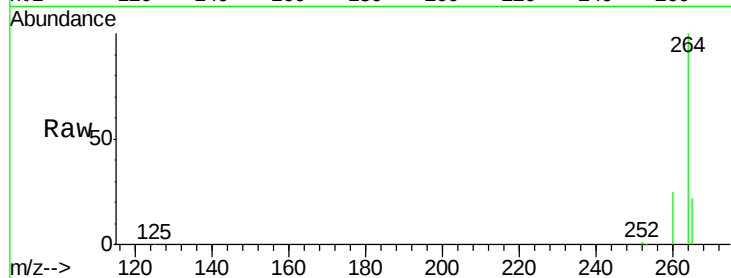
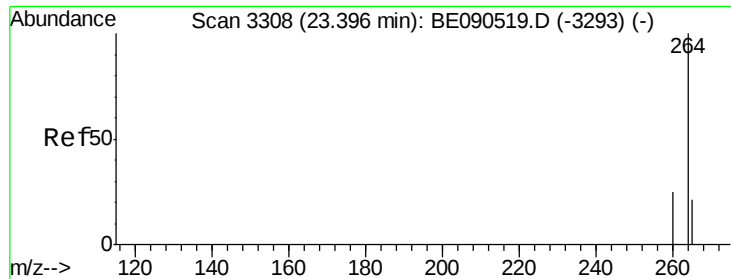


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#32
Pervlene-d12
Concen: 5.00 ng
RT: 23.40 min Scan# 3308
Delta R.T. 0.00 min
Lab File: BE090621.D
Acq: 25 Aug 2015 19:45

Instrument :
BNA_E
ClientSampleId :

Tot Ion:264 Resp: 94397
Ion Ratio Lower Upper
264 100
260 25.1 20.1 30.1
265 21.8 17.2 25.8

