

Data Path : Z:\HPCHEM1\BNA E\DATA\BE082815\
 Data File : BE090663.D
 Acq On : 28 Aug 2015 19:31
 Operator : UM/IZ
 Sample : G3460-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 31 04:52:57 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

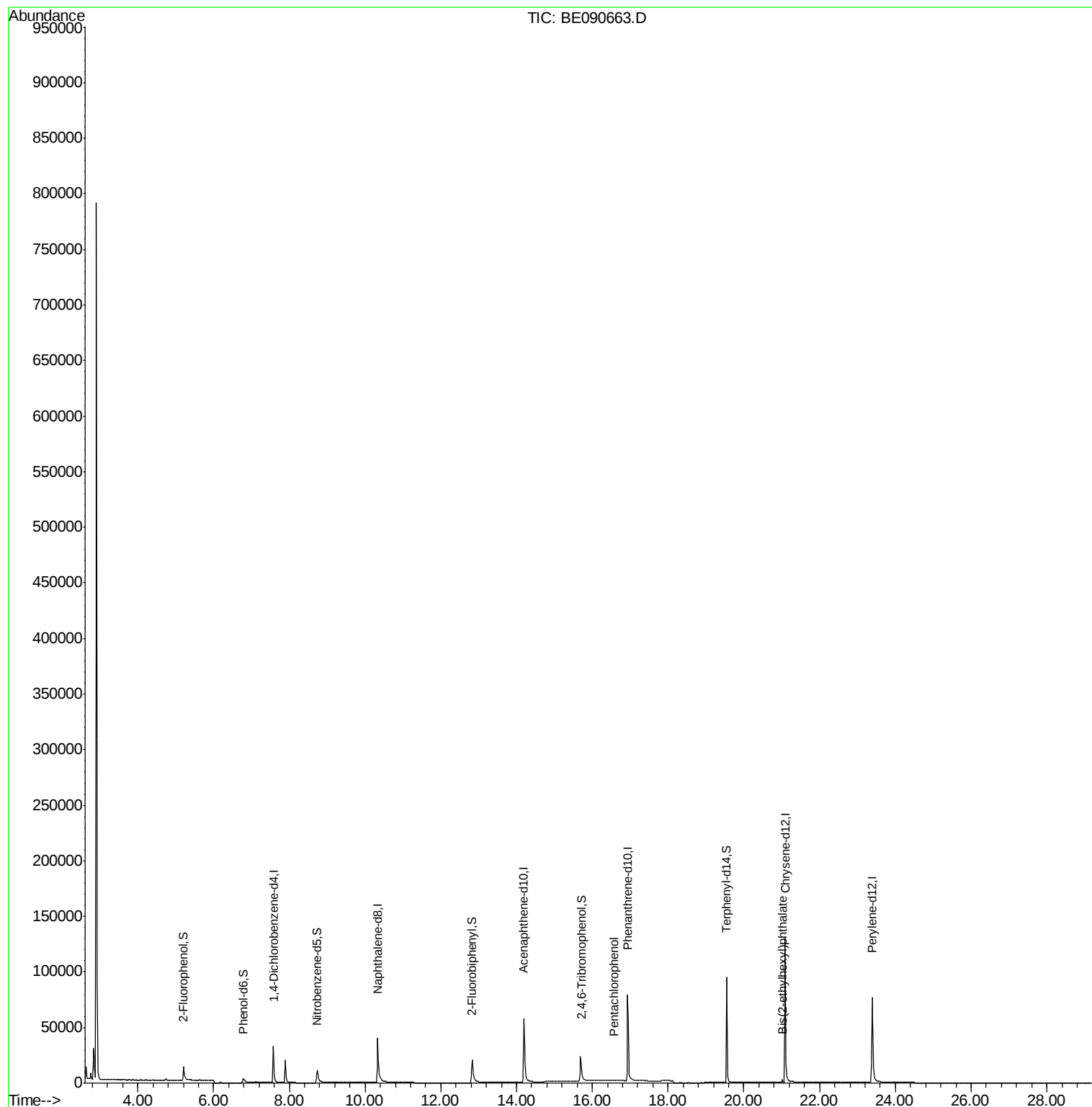
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	19748	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	85590	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	51427	5.00	ng	0.00
18) Phenanthrene-d10	16.93	188	137265	5.00	ng	-0.02
25) Chrysene-d12	21.09	240	152108	5.00	ng	0.00
32) Perylene-d12	23.39	264	128013	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	12698	2.22	ng	0.00
5) Phenol-d6	6.78	99	9662	1.15	ng	0.00
7) Nitrobenzene-d5	8.74	82	20302	2.98	ng	0.01
13) 2,4,6-Tribromophenol	15.71	330	13842	6.99	ng	0.00
14) 2-Fluorobiphenyl	12.83	172	45118	2.94	ng	0.01
27) Terphenyl-d14	19.55	244	107565	3.87	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.30	88	28	Below Cal	#	1
21) Pentachlorophenol	16.58	266	2	0.30 ng	#	66
30) Bis(2-ethylhexyl)phthalate	21.02	149	2662	0.25 ng		98

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

Data Path : Z:\HPCHEM1\BNA E\DATA\BE082815\
Data File : BE090663.D
Acq On : 28 Aug 2015 19:31
Operator : UM/IZ
Sample : G3460-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Aug 31 04:52:57 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# 843

Delta R.T. -0.01 min

Lab File: BE090663.D

Acq: 28 Aug 2015 19:31

Instrument :

BNA_E

ClientSampleId :

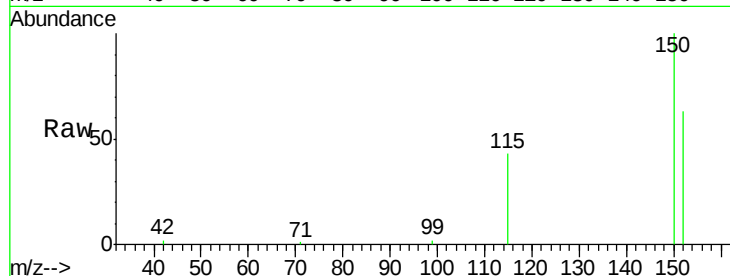
Tot Ion:152 Resp: 19748

Ion Ratio Lower Upper

152 100

150 160.0 123.0 184.4

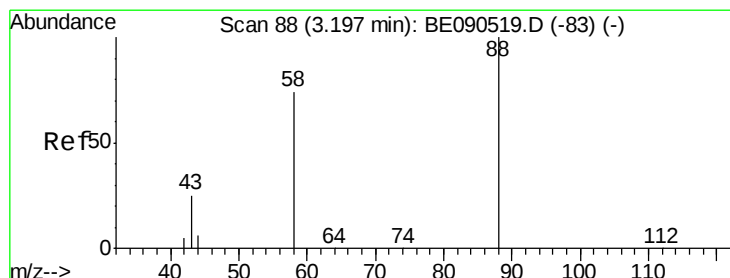
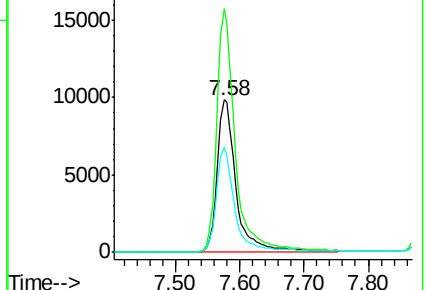
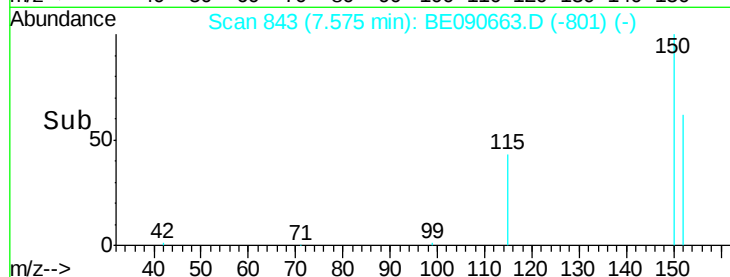
115 69.2 48.9 73.3



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: 3.30 min Scan# 103

Delta R.T. 0.10 min

Lab File: BE090663.D

Acq: 28 Aug 2015 19:31

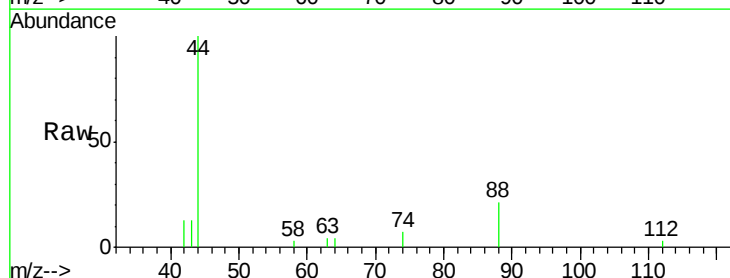
Tgt Ion: 88 Resp: 28

Ion Ratio Lower Upper

88 100

58 0.0 70.0 105.0#

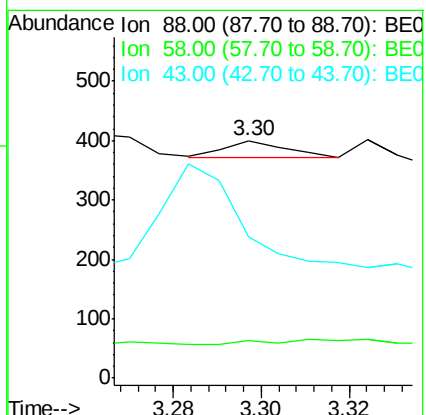
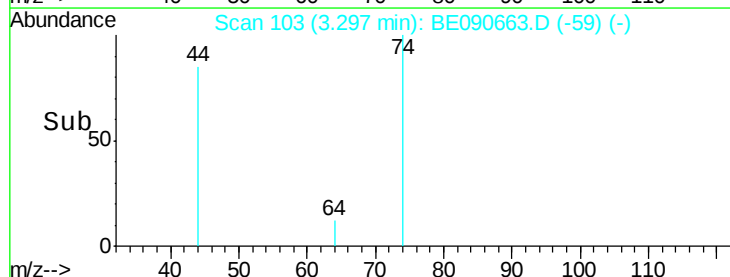
43 785.7 28.4 42.6#



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: 2.22 ng

RT: 5.21 min Scan# 385

Delta R.T. -0.01 min

Lab File: BE090663.D

Acq: 28 Aug 2015 19:31

Instrument :

BNA_E

ClientSampleId :

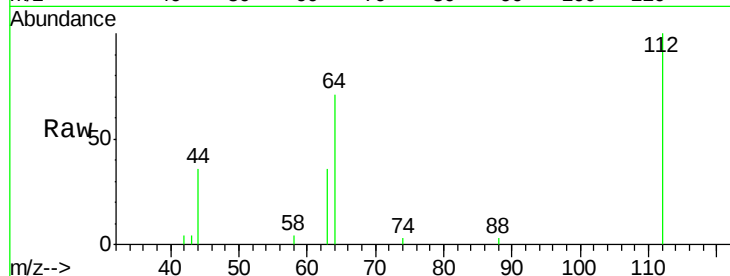
Tot Ion:112 Resp: 12698

Ion Ratio Lower Upper

112 100

64 71.3 37.1 55.7#

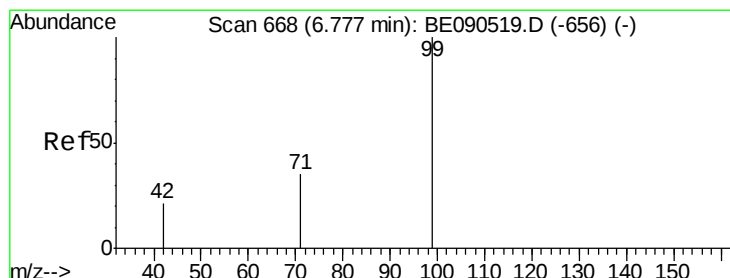
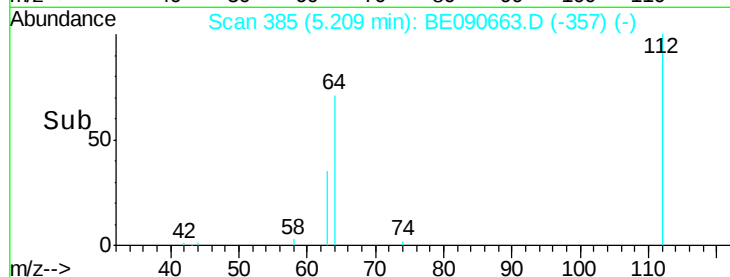
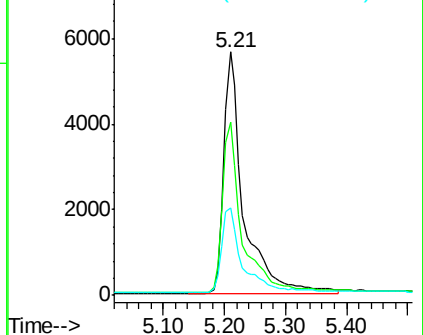
63 37.0 19.5 29.3#



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: 1.15 ng

RT: 6.78 min Scan# 668

Delta R.T. 0.00 min

Lab File: BE090663.D

Acq: 28 Aug 2015 19:31

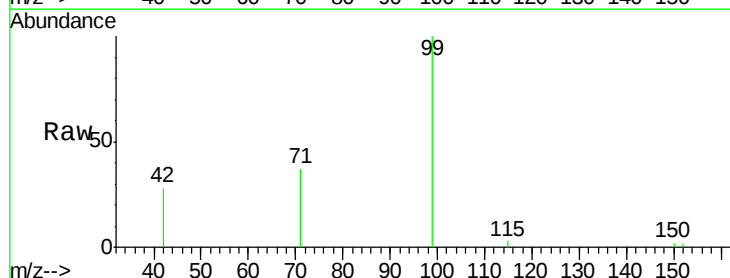
Tgt Ion: 99 Resp: 9662

Ion Ratio Lower Upper

99 100

42 21.7 18.2 27.4

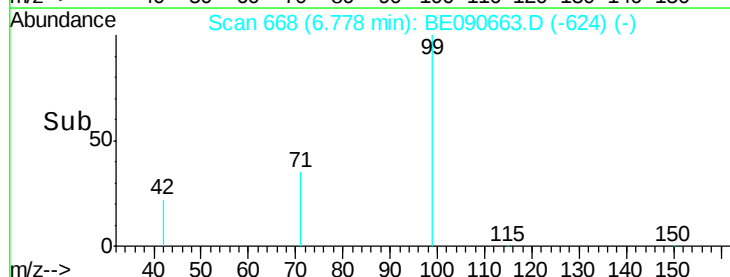
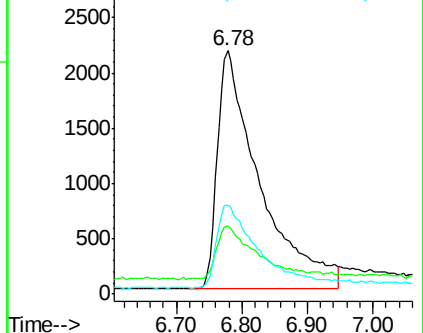
71 35.5 27.4 41.0

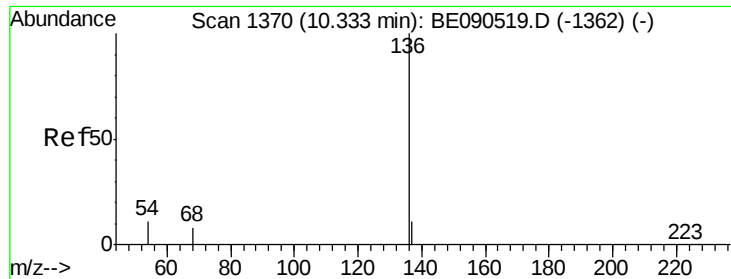


Abundance Ion 99.00 (98.70 to 99.70): BE090519.D (-656) (-)

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

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

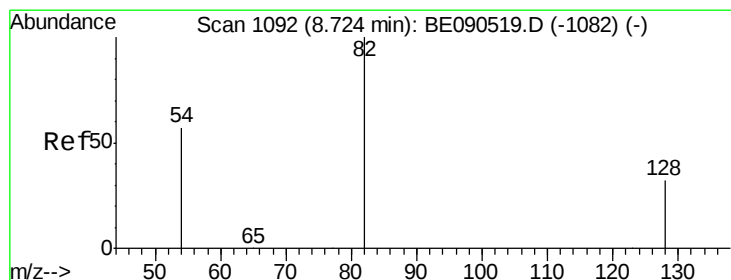
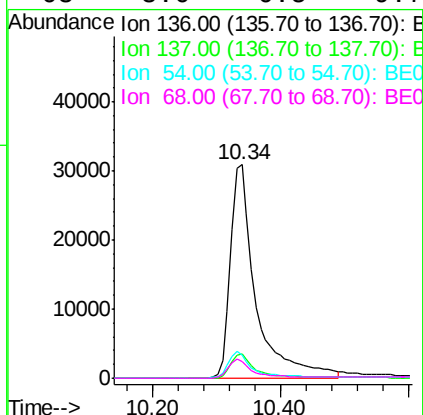
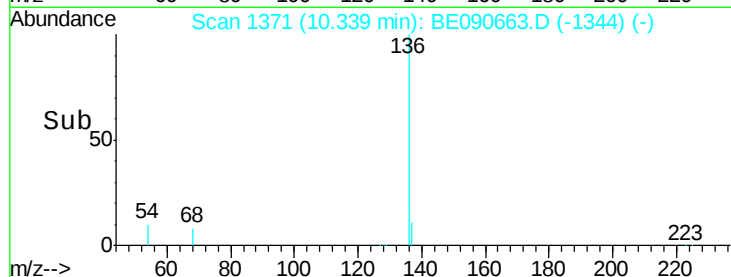
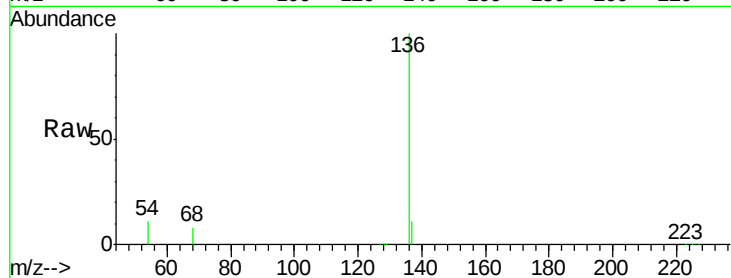




#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.34 min Scan# 1371
Delta R.T. 0.01 min
Lab File: BE090663.D
Acq: 28 Aug 2015 19:31

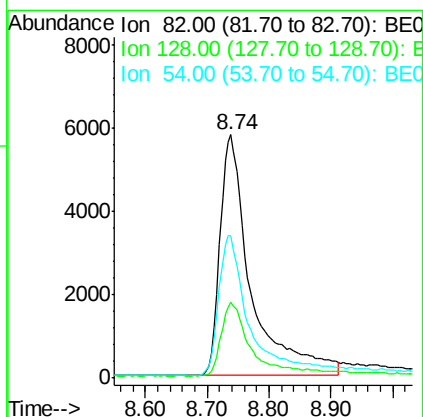
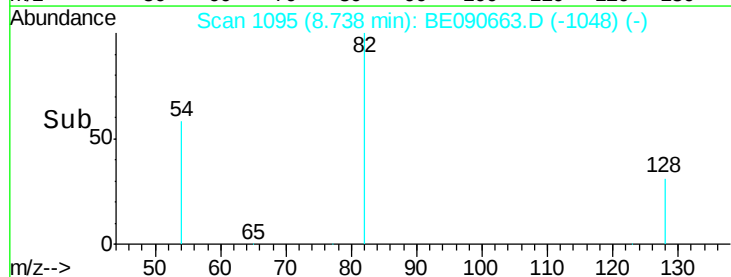
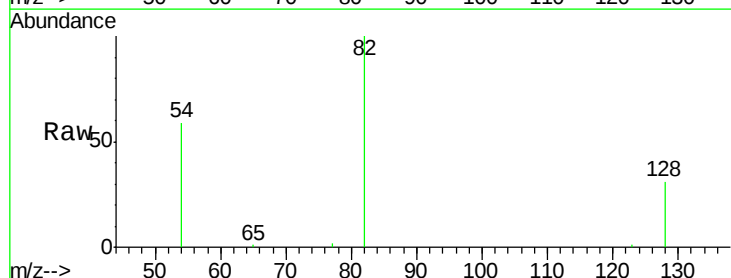
Instrument :
BNA_E
ClientSampleId :

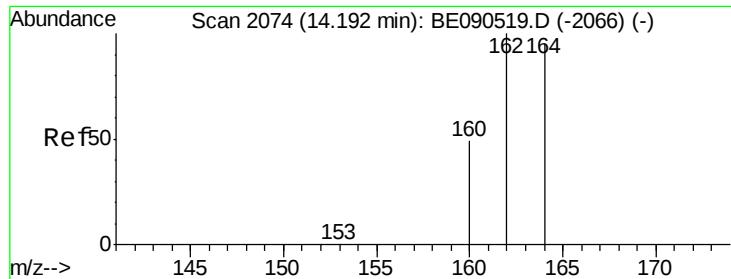
Tot Ion:136	Resp:	85590
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.7 13.1
54	10.7	9.4 14.0
68	8.0	6.5 9.7



#7
Nitrobenzene-d5
Concen: 2.98 ng
RT: 8.74 min Scan# 1095
Delta R.T. 0.01 min
Lab File: BE090663.D
Acq: 28 Aug 2015 19:31

Tgt Ion: 82	Resp:	20302
Ion Ratio	Lower	Upper
82	100	
128	31.2	25.0 37.6
54	58.8	48.8 73.2





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.19 min Scan# 2075

Delta R.T. 0.00 min

Lab File: BE090663.D

Acq: 28 Aug 2015 19:31

Instrument :

BNA_E

ClientSampleId :

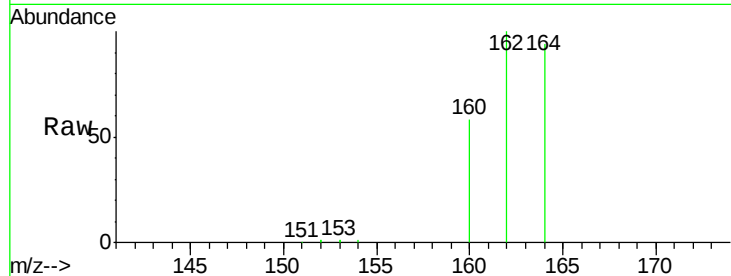
Tot Ion:164 Resp: 51427

Ion Ratio Lower Upper

164 100

162 106.6 81.8 122.8

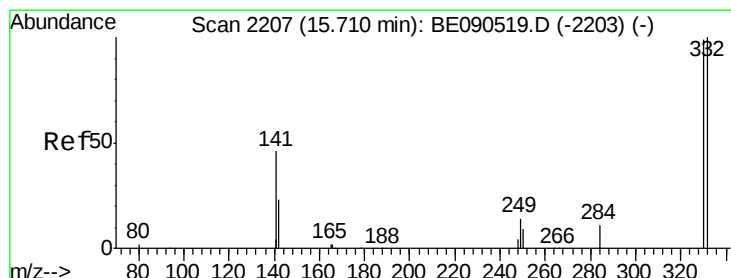
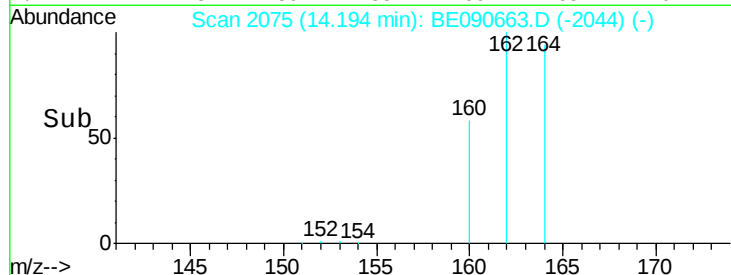
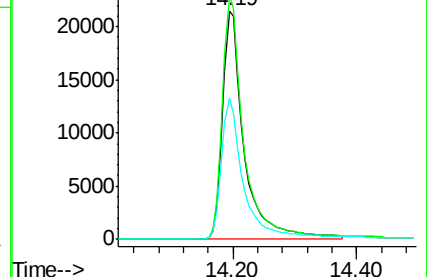
160 62.1 44.2 66.4



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: 6.99 ng

RT: 15.71 min Scan# 2207

Delta R.T. -0.00 min

Lab File: BE090663.D

Acq: 28 Aug 2015 19:31

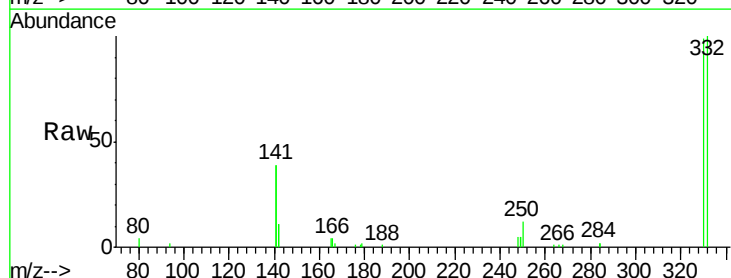
Tgt Ion:330 Resp: 13842

Ion Ratio Lower Upper

330 100

332 95.3 75.8 113.6

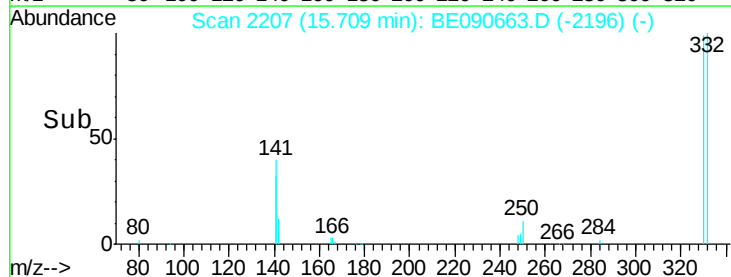
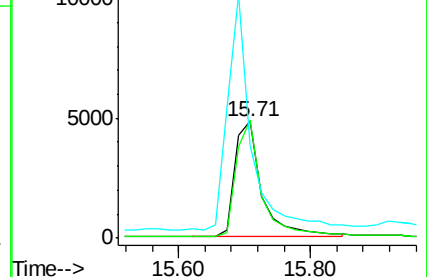
141 175.6 114.4 171.6#

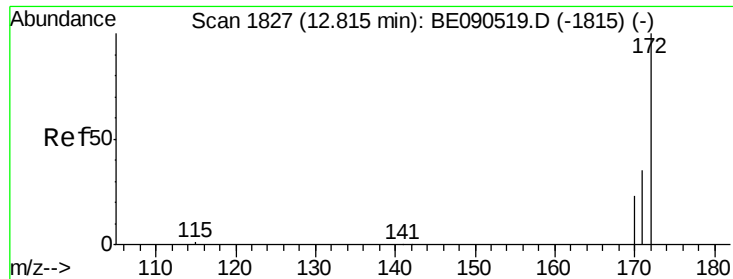


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

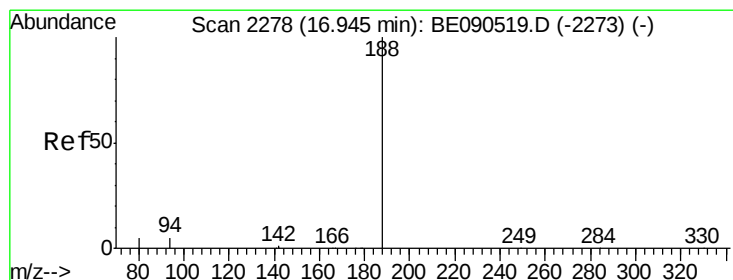
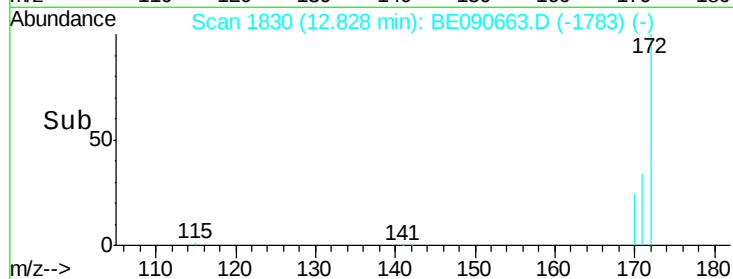
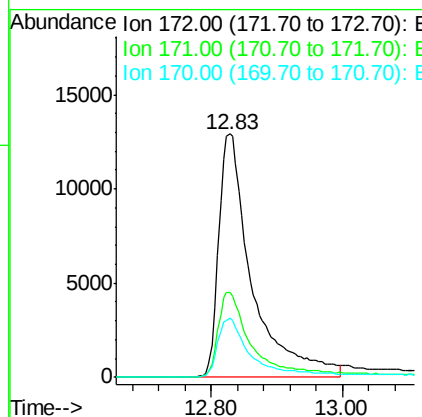
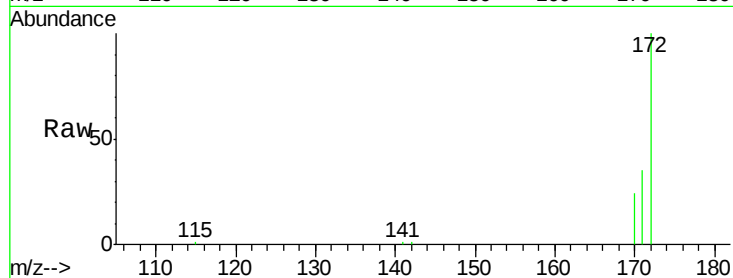




#14
2-Fluorobiphenyl
Concen: 2.94 ng
RT: 12.83 min Scan# 1830
Delta R.T. 0.01 min
Lab File: BE090663.D
Acq: 28 Aug 2015 19:31

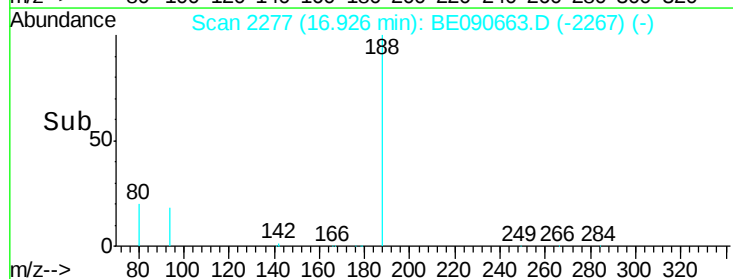
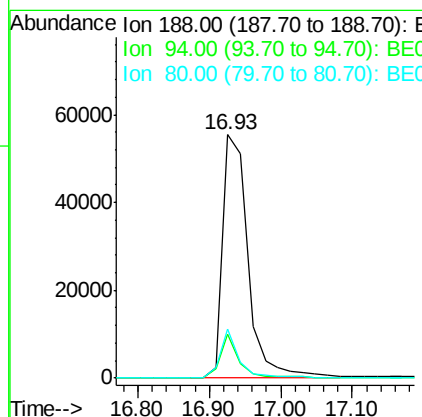
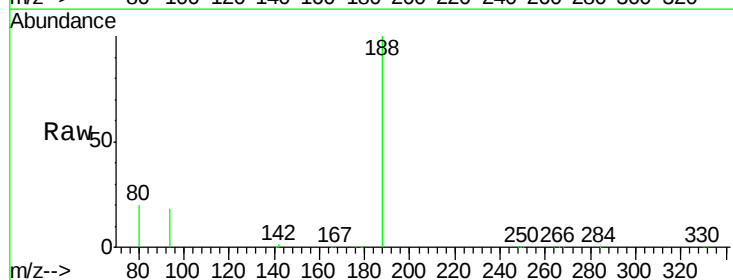
Instrument :
BNA_E
ClientSampleId :

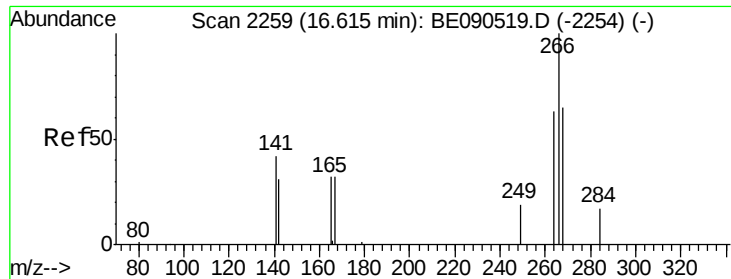
Tot Ion:172 Resp: 45118
Ion Ratio Lower Upper
172 100
171 34.7 28.5 42.7
170 24.1 19.8 29.8



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.93 min Scan# 2277
Delta R.T. -0.02 min
Lab File: BE090663.D
Acq: 28 Aug 2015 19:31

Tgt Ion:188 Resp: 137265
Ion Ratio Lower Upper
188 100
94 18.0 5.7 8.5#
80 20.1 5.8 8.8#

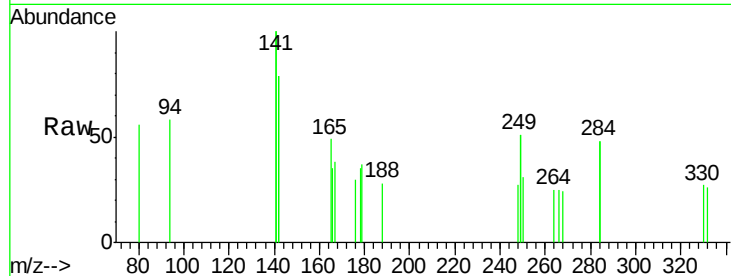




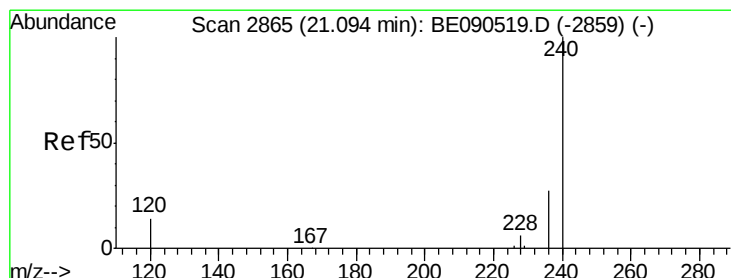
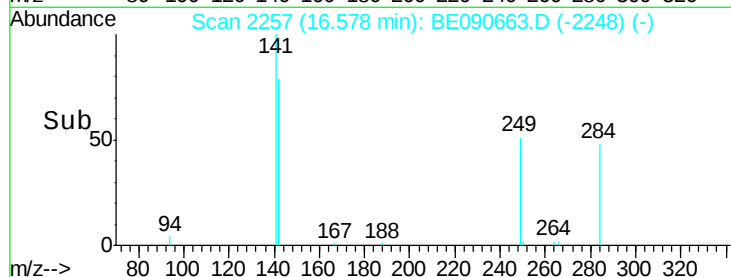
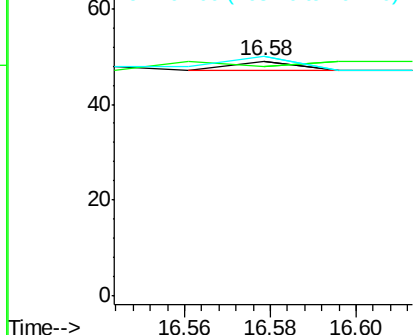
#21
Pentachlorophenol
Concen: 0.30 ng
RT: 16.58 min Scan# 2257
Delta R.T. -0.04 min
Lab File: BE090663.D
Acq: 28 Aug 2015 19:31

Instrument :
BNA_E
ClientSampleId :

Tot Ion:266 Resp: 2
Ion Ratio Lower Upper
266 100
268 98.0 58.5 87.7#
264 102.0 56.0 84.0#

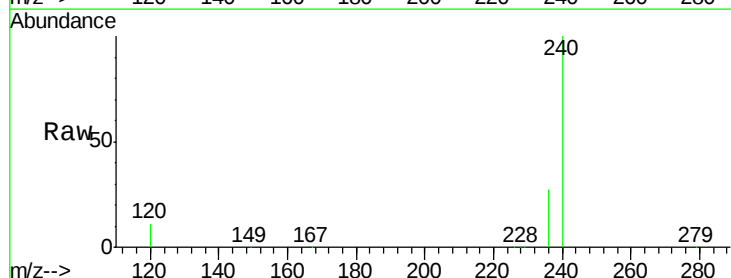


Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E

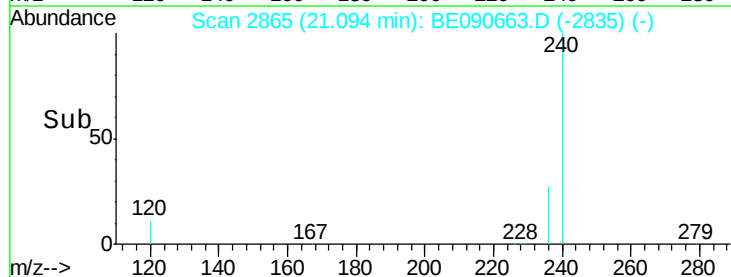
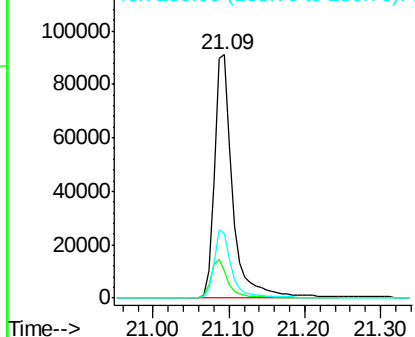


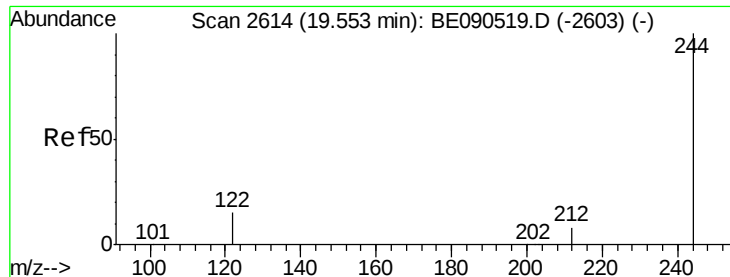
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.09 min Scan# 2865
Delta R.T. 0.00 min
Lab File: BE090663.D
Acq: 28 Aug 2015 19:31

Tgt Ion:240 Resp: 152108
Ion Ratio Lower Upper
240 100
120 11.1 8.3 12.5
236 26.6 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

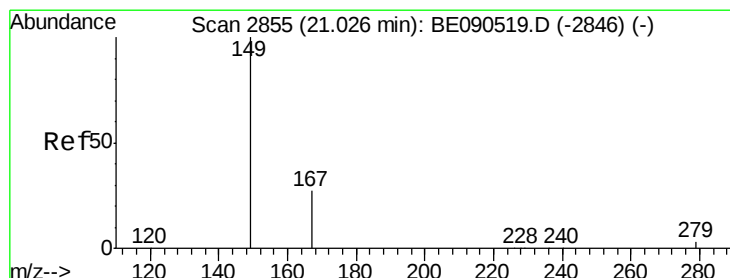
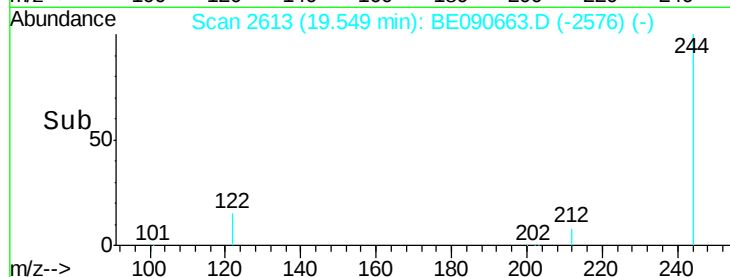
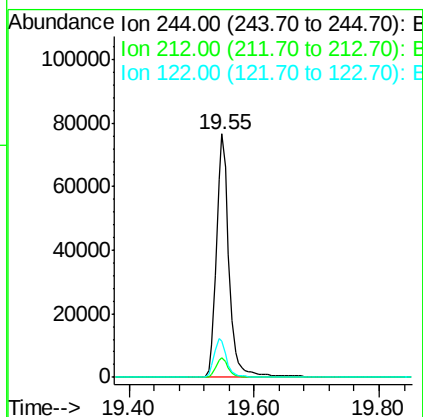
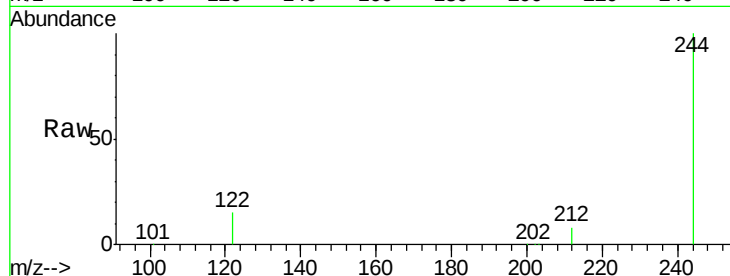




#27
 Terphenyl-d14
 Concen: 3.87 ng
 RT: 19.55 min Scan# 2613
 Delta R.T. -0.00 min
 Lab File: BE090663.D
 Acq: 28 Aug 2015 19:31

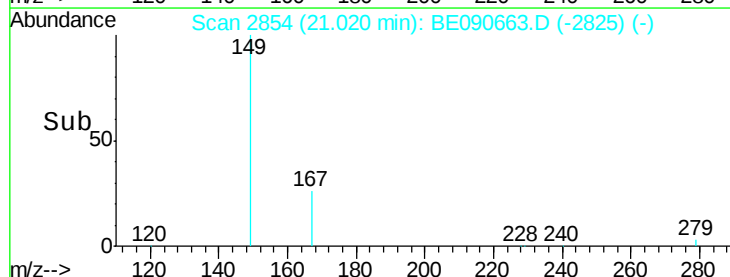
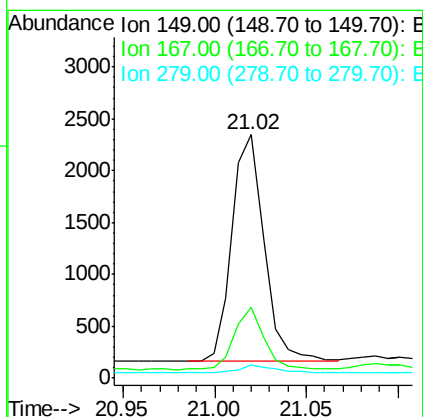
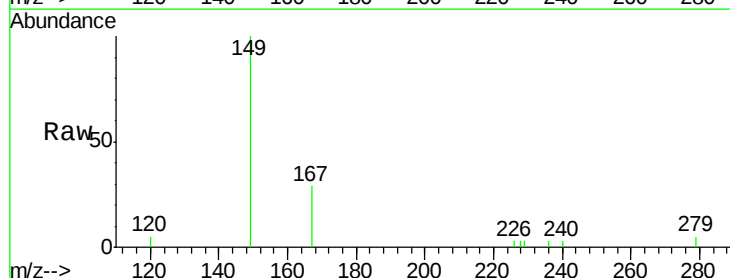
Instrument :
 BNA_E
 ClientSampleId :

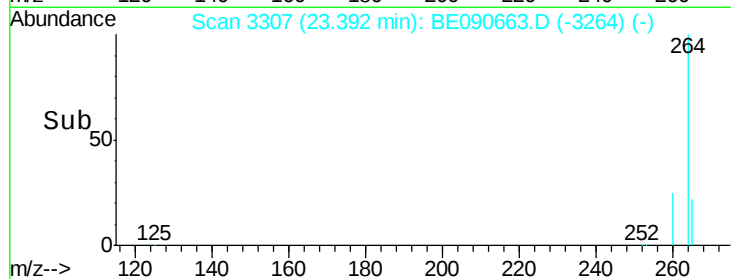
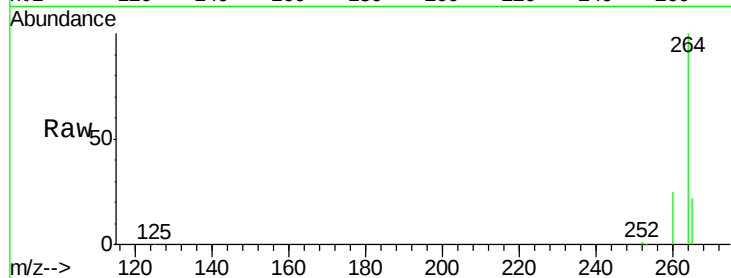
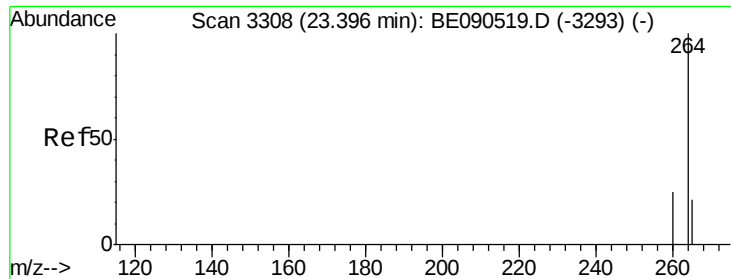
Tot Ion:244 Resp: 107565
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.6 9.8
 122 14.9 10.2 15.4



#30
 Bis(2-ethylhexyl)phthalate
 Concen: 0.25 ng
 RT: 21.02 min Scan# 2854
 Delta R.T. -0.01 min
 Lab File: BE090663.D
 Acq: 28 Aug 2015 19:31

Tgt Ion:149 Resp: 2662
 Ion Ratio Lower Upper
 149 100
 167 25.8 19.8 29.8
 279 3.3 2.4 3.6





#32

Pervlene-d12

Concen: 5.00 ng

RT: 23.39 min Scan# 3307

Delta R.T. -0.00 min

Lab File: BE090663.D

Acq: 28 Aug 2015 19:31

Instrument :

BNA_E

ClientSampleId :

Tot Ion:264 Resp: 128013

Ion Ratio Lower Upper

264 100

260 24.6 20.1 30.1

265 22.3 17.2 25.8

