

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE082715\
 Data File : BE090653.D
 Acq On : 27 Aug 2015 16:49
 Operator : UM/IZ
 Sample : G3415-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 082515-D534-E-D-S

Quant Time: Aug 27 23:04:48 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE081415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 27 23:02:45 2015
 Response via : Initial Calibration

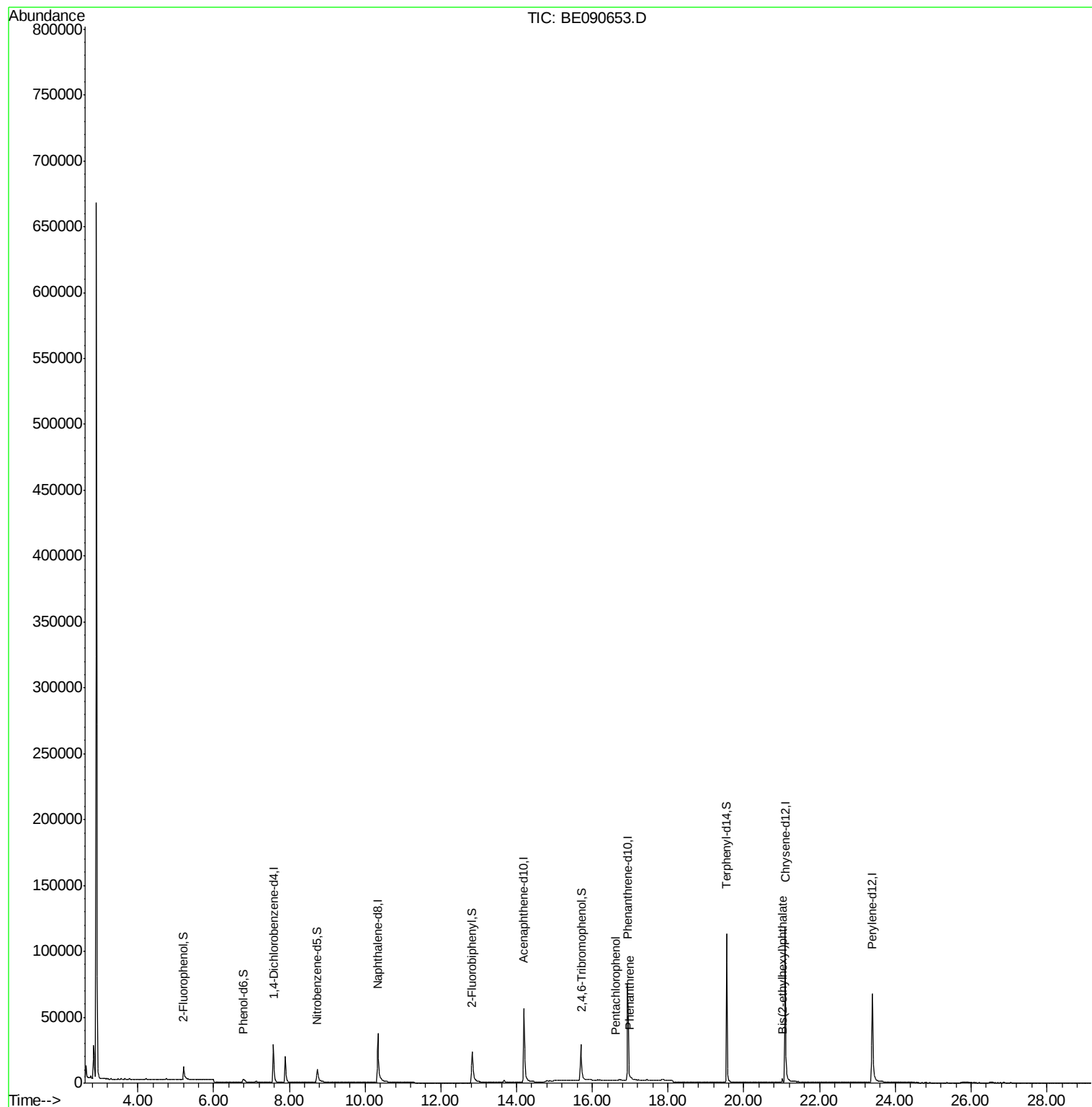
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	17916	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	78043	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	46977	5.00	ng	0.00
18) Phenanthrene-d10	16.93	188	128414	5.00	ng	-0.02
25) Chrysene-d12	21.09	240	137375	5.00	ng	0.00
32) Perylene-d12	23.39	264	115619	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	10380	2.00	ng	0.00
5) Phenol-d6	6.78	99	8219	1.08	ng	0.00
7) Nitrobenzene-d5	8.74	82	18944	3.05	ng	0.01
13) 2,4,6-Tribromophenol	15.71	330	16680	9.23	ng	0.00
14) 2-Fluorobiphenyl	12.82	172	48039	3.42	ng	0.00
27) Terphenyl-d14	19.55	244	123743	4.92	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.33	88	33	Below Cal	#	15
21) Pentachlorophenol	16.61	266	6	0.30 ng	#	69
22) Phenanthrene	16.98	178	687	0.02 ng	#	56
30) Bis(2-ethylhexyl)phthalate	21.02	149	2623	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: BE090653.D

Acq: 27 Aug 2015 16:49

Instrument :

BNA_E

ClientSampleId :

082515-D534-E-D-S

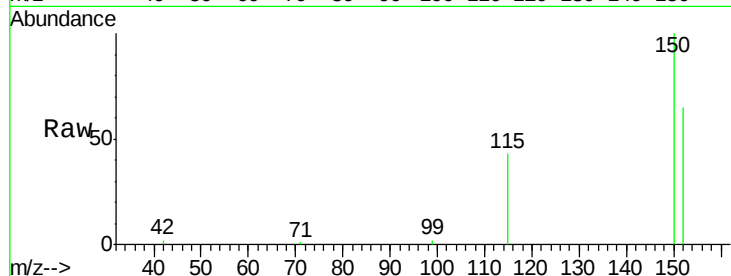
Tgt Ion:152 Resp: 17916

Ion Ratio Lower Upper

152 100

150 154.7 123.0 184.4

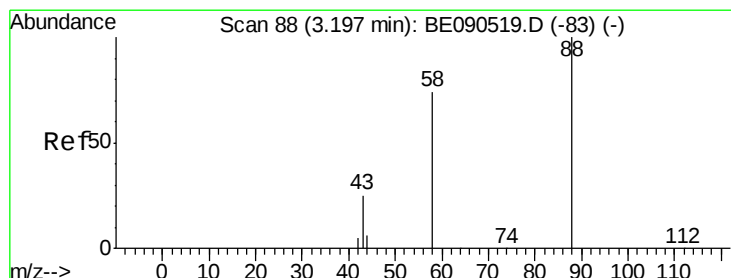
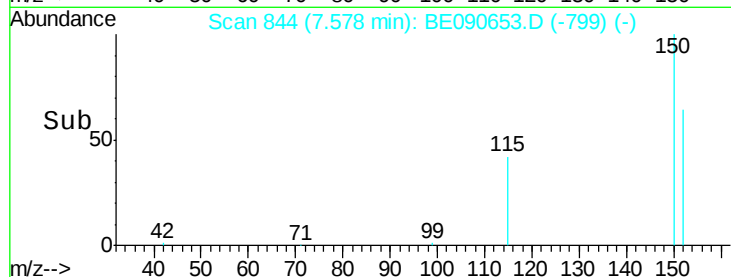
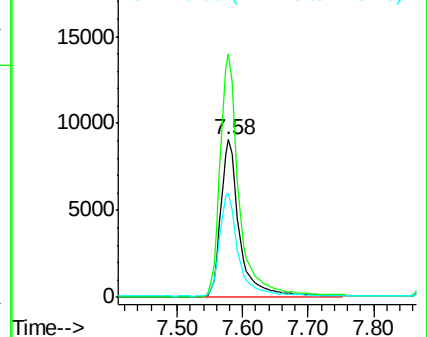
115 66.0 48.9 73.3



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: 3.33 min Scan# 108

Delta R.T. 0.15 min

Lab File: BE090653.D

Acq: 27 Aug 2015 16:49

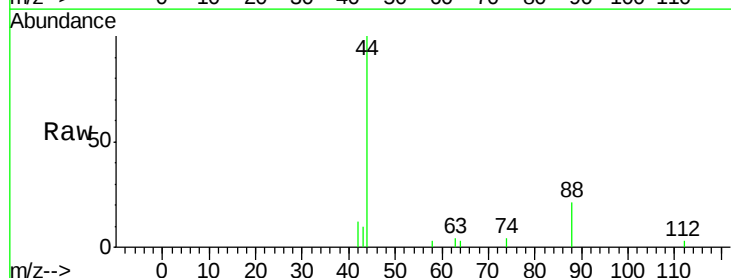
Tgt Ion: 88 Resp: 33

Ion Ratio Lower Upper

88 100

58 0.0 70.0 105.0#

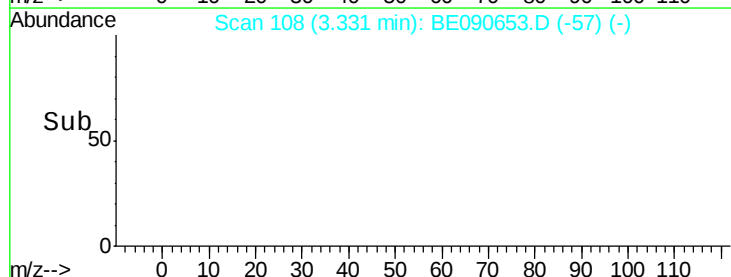
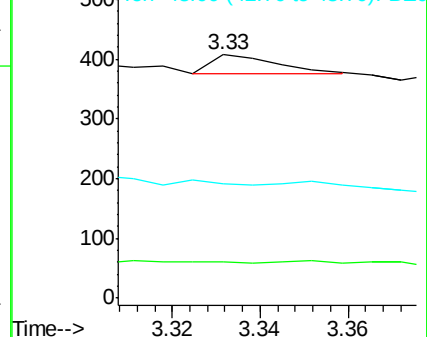
43 0.0 28.4 42.6#



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: 2.00 ng

RT: 5.21 min Scan# 385

Delta R.T. -0.00 min

Lab File: BE090653.D

Acq: 27 Aug 2015 16:49

Instrument :

BNA_E

ClientSampleId :

082515-D534-E-D-S

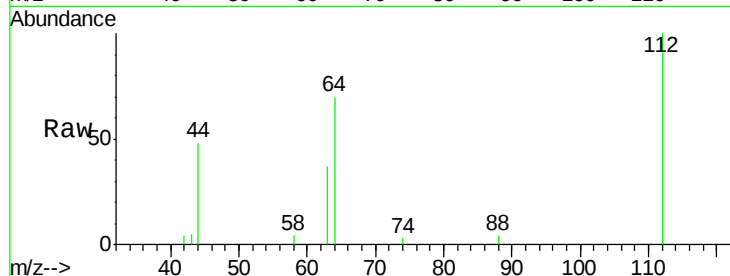
Tgt Ion: 112 Resp: 10380

Ion Ratio Lower Upper

112 100

64 69.2 37.1 55.7#

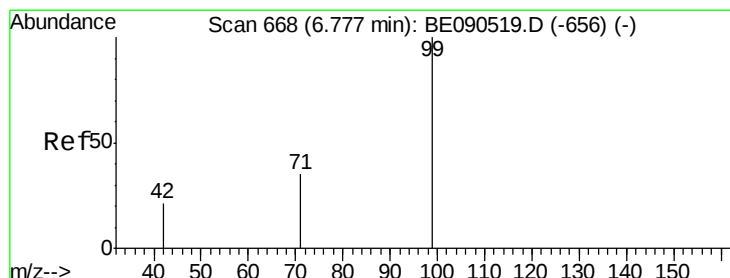
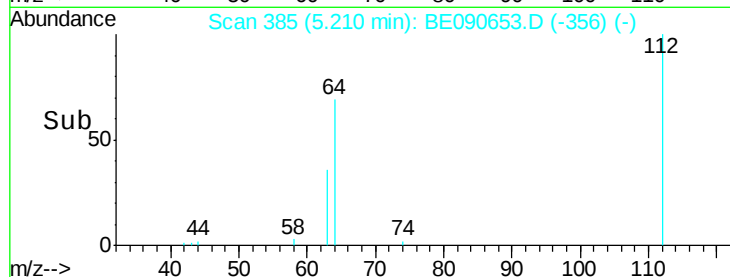
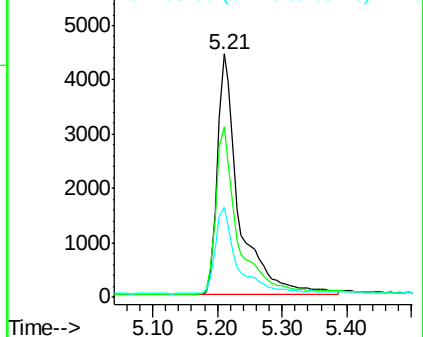
63 35.8 19.5 29.3#



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: 1.08 ng

RT: 6.78 min Scan# 669

Delta R.T. 0.01 min

Lab File: BE090653.D

Acq: 27 Aug 2015 16:49

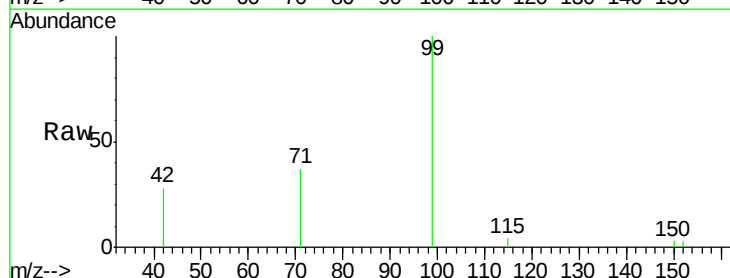
Tgt Ion: 99 Resp: 8219

Ion Ratio Lower Upper

99 100

42 19.1 18.2 27.4

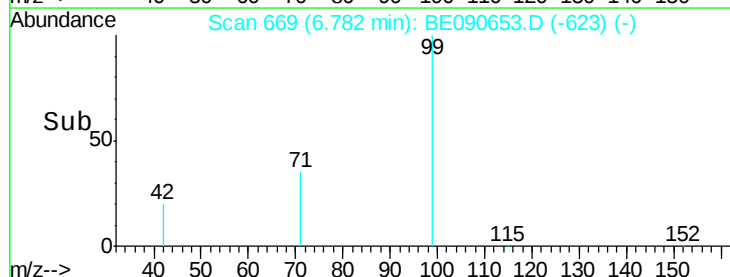
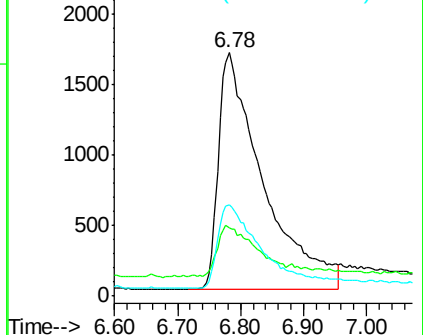
71 34.9 27.4 41.0

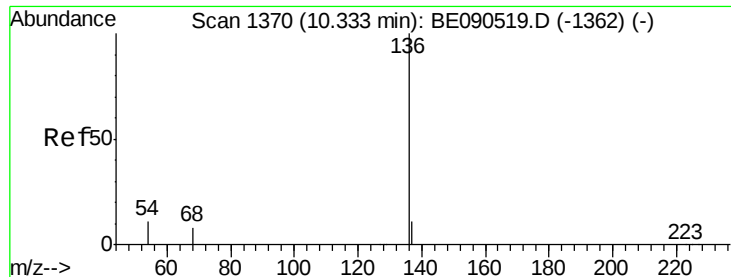


Abundance Ion 99.00 (98.70 to 99.70): BE090519.D (-656) (-)

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

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

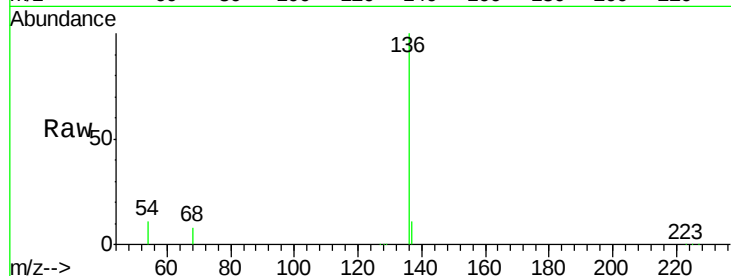




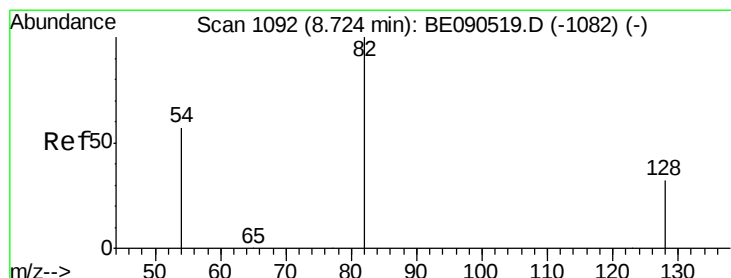
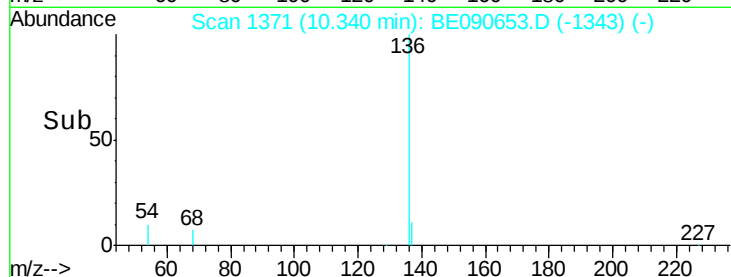
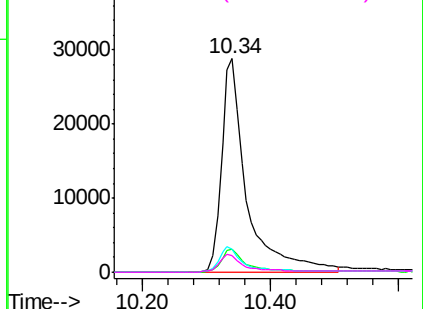
#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.34 min Scan# 1371
Delta R.T. 0.01 min
Lab File: BE090653.D
Acq: 27 Aug 2015 16:49

Instrument :
BNA_E
ClientSampleId :
082515-D534-E-D-S

Tgt Ion:	136	Resp:	78043
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	10.6	9.4	14.0
68	7.6	6.5	9.7

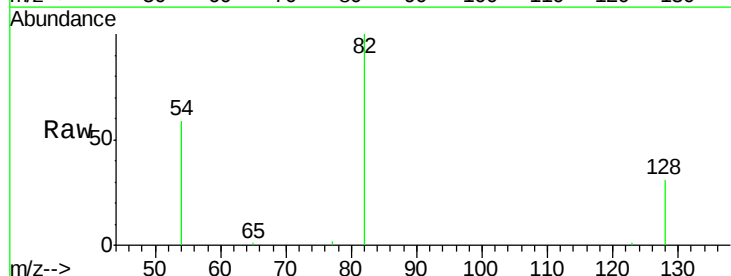


Abundance Ion 136.00 (135.70 to 136.70): BE090519.D (-1362) (-)
Ion 137.00 (136.70 to 137.70): BE090519.D (-1362) (-)
Ion 54.00 (53.70 to 54.70): BE090519.D (-1362) (-)
Ion 68.00 (67.70 to 68.70): BE090519.D (-1362) (-)

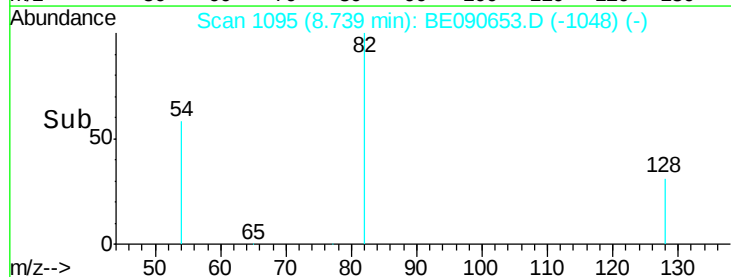
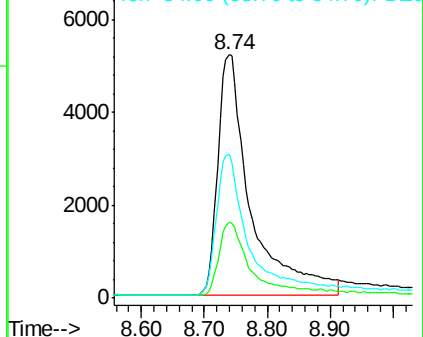


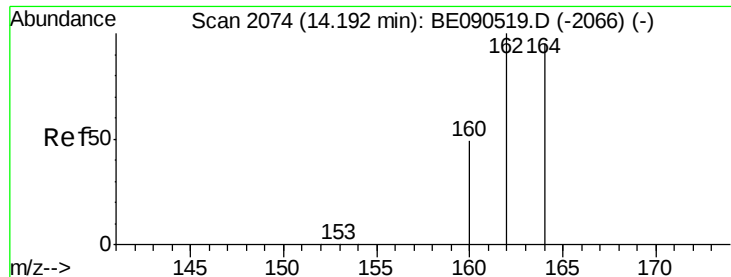
#7
Nitrobenzene-d5
Concen: 3.05 ng
RT: 8.74 min Scan# 1095
Delta R.T. 0.01 min
Lab File: BE090653.D
Acq: 27 Aug 2015 16:49

Tgt Ion:	82	Resp:	18944
Ion	Ratio	Lower	Upper
82	100		
128	31.2	25.0	37.6
54	58.8	48.8	73.2



Abundance Ion 82.00 (81.70 to 82.70): BE090519.D (-1082) (-)
Ion 128.00 (127.70 to 128.70): BE090519.D (-1082) (-)
Ion 54.00 (53.70 to 54.70): BE090519.D (-1082) (-)





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.19 min Scan# 2075

Delta R.T. 0.00 min

Lab File: BE090653.D

Acq: 27 Aug 2015 16:49

Instrument :

BNA_E

ClientSampleId :

082515-D534-E-D-S

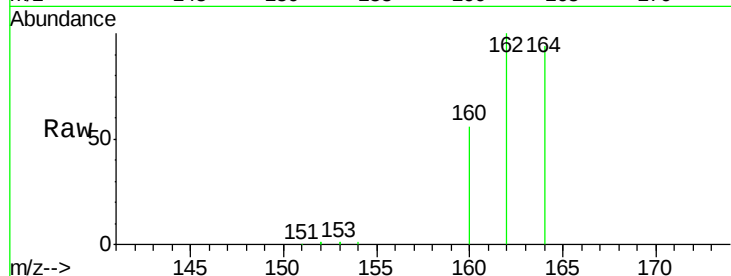
Tgt Ion:164 Resp: 46977

Ion Ratio Lower Upper

164 100

162 106.3 81.8 122.8

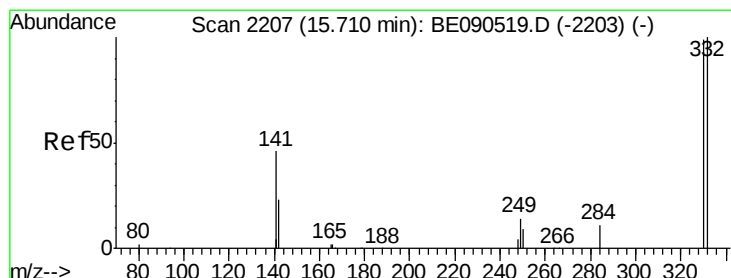
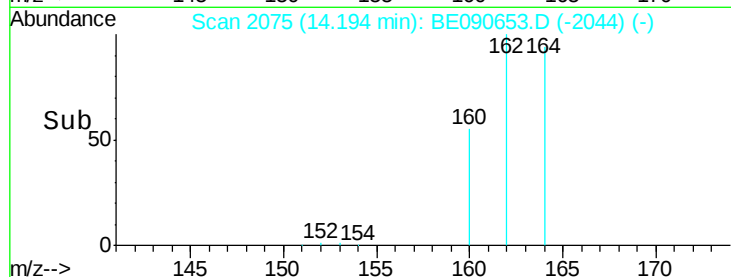
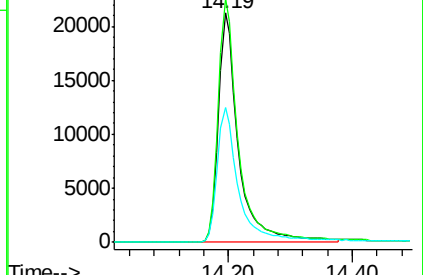
160 59.1 44.2 66.4



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: 9.23 ng

RT: 15.71 min Scan# 2207

Delta R.T. 0.00 min

Lab File: BE090653.D

Acq: 27 Aug 2015 16:49

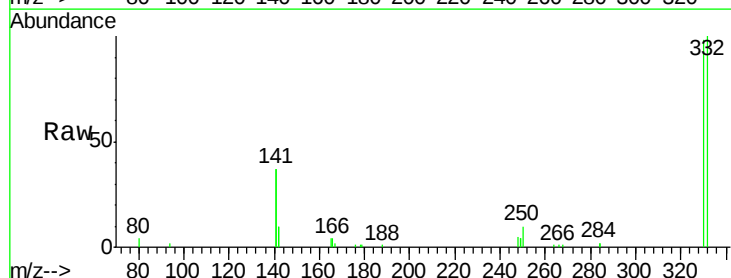
Tgt Ion:330 Resp: 16680

Ion Ratio Lower Upper

330 100

332 96.0 75.8 113.6

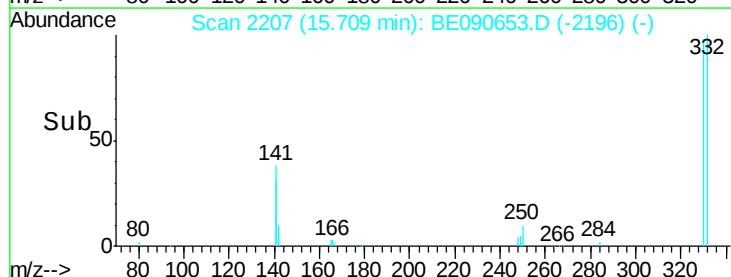
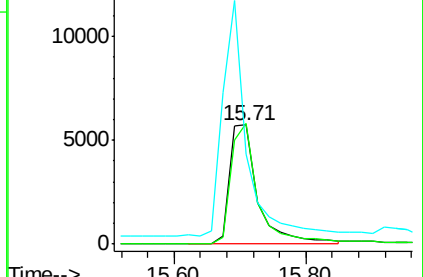
141 173.6 114.4 171.6#

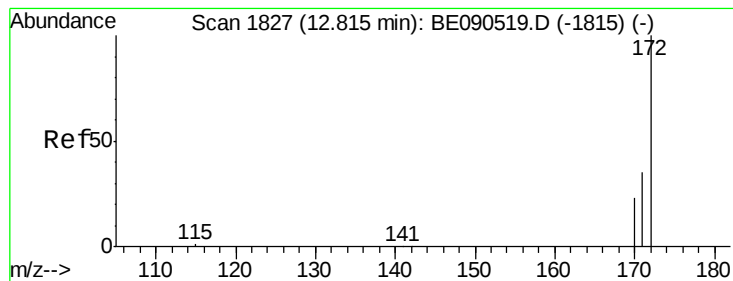


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#14

2-Fluorobiphenyl

Concen: 3.42 ng

RT: 12.82 min Scan# 1829

Delta R.T. 0.00 min

Lab File: BE090653.D

Acq: 27 Aug 2015 16:49

Instrument :

BNA_E

ClientSampleId :

082515-D534-E-D-S

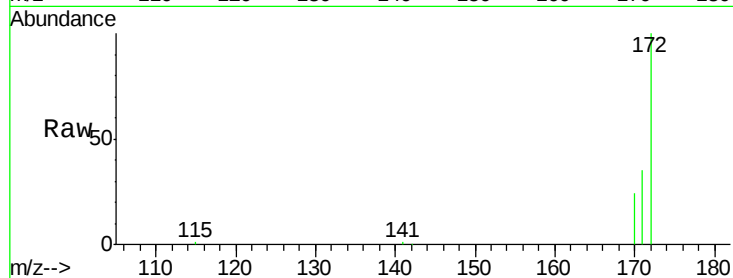
Tgt Ion:172 Resp: 48039

Ion Ratio Lower Upper

172 100

171 34.7 28.5 42.7

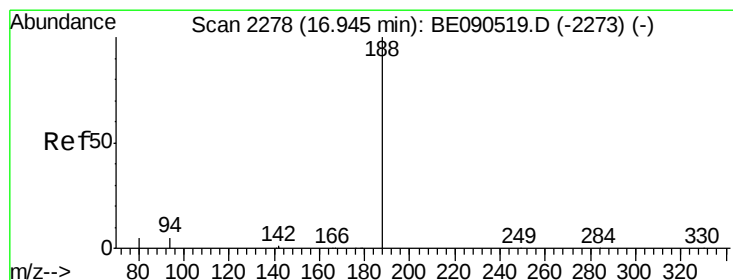
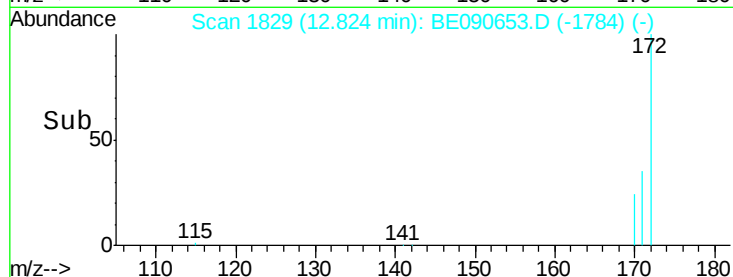
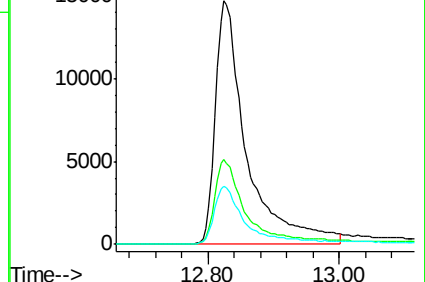
170 23.8 19.8 29.8



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: 16.93 min Scan# 2277

Delta R.T. -0.02 min

Lab File: BE090653.D

Acq: 27 Aug 2015 16:49

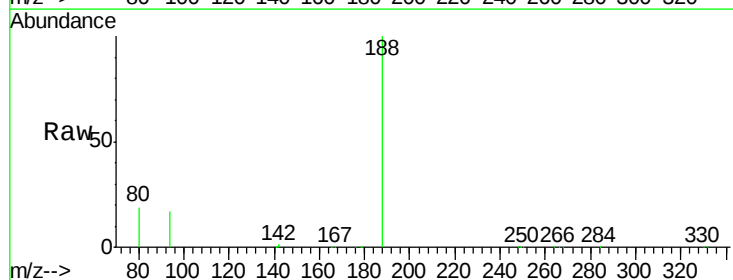
Tgt Ion:188 Resp: 128414

Ion Ratio Lower Upper

188 100

94 17.4 5.7 8.5#

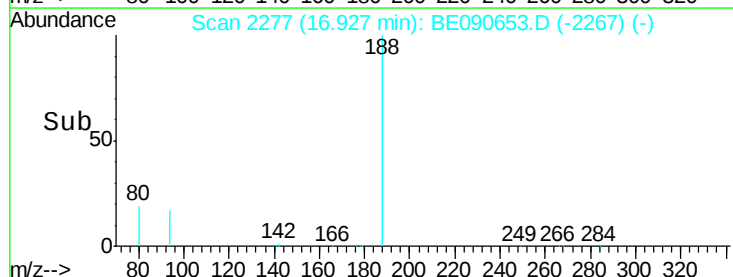
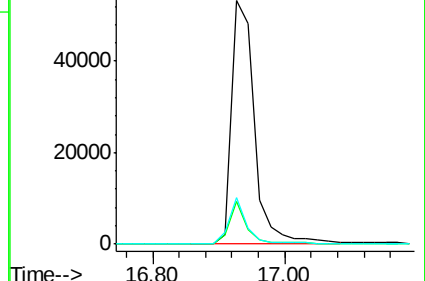
80 19.1 5.8 8.8#

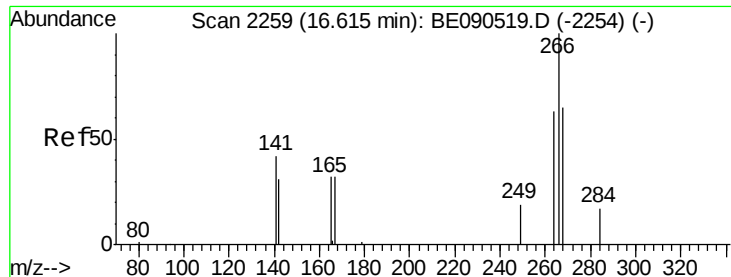


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

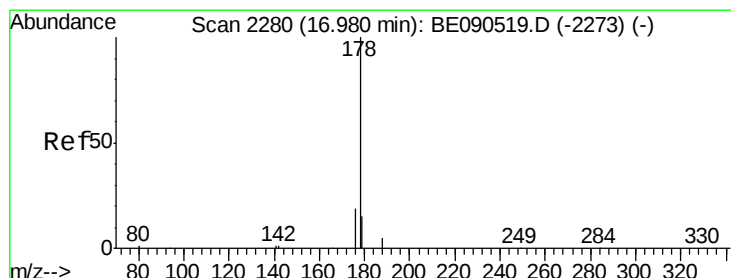
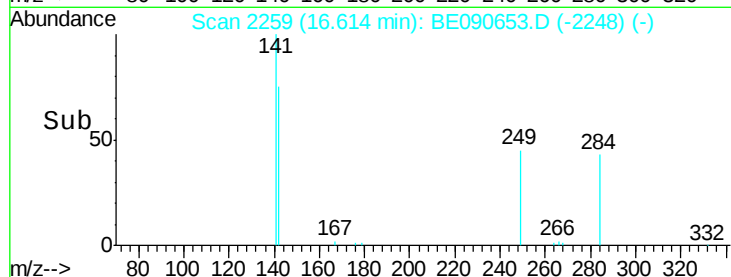
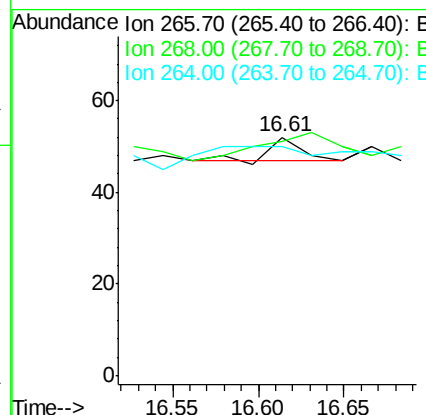
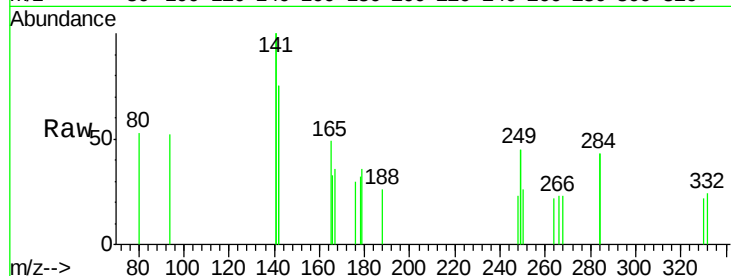




#21
 Pentachlorophenol
 Concen: 0.30 ng
 RT: 16.61 min Scan# 2259
 Delta R.T. 0.00 min
 Lab File: BE090653.D
 Acq: 27 Aug 2015 16:49

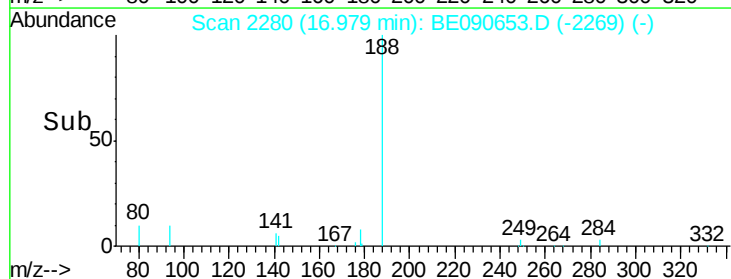
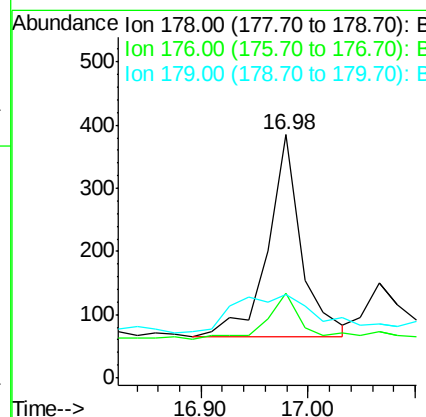
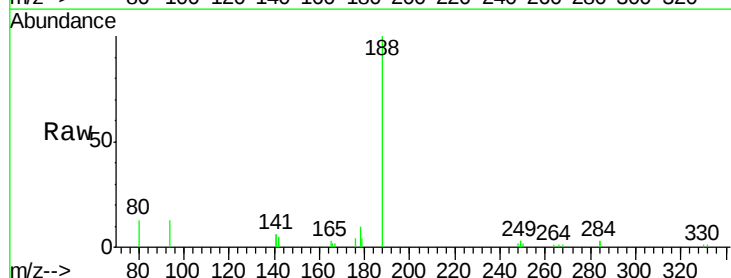
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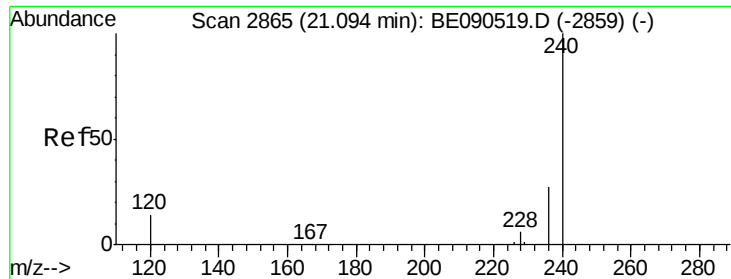
Tgt Ion: 266 Resp: 6
 Ion Ratio Lower Upper
 266 100
 268 98.1 58.5 87.7#
 264 96.2 56.0 84.0#



#22
 Phenanthrene
 Concen: 0.02 ng
 RT: 16.98 min Scan# 2280
 Delta R.T. 0.00 min
 Lab File: BE090653.D
 Acq: 27 Aug 2015 16:49

Tgt Ion: 178 Resp: 687
 Ion Ratio Lower Upper
 178 100
 176 25.3 15.4 23.2#
 179 49.9 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: BE090653.D

Acq: 27 Aug 2015 16:49

Instrument :

BNA_E

ClientSampleId :

082515-D534-E-D-S

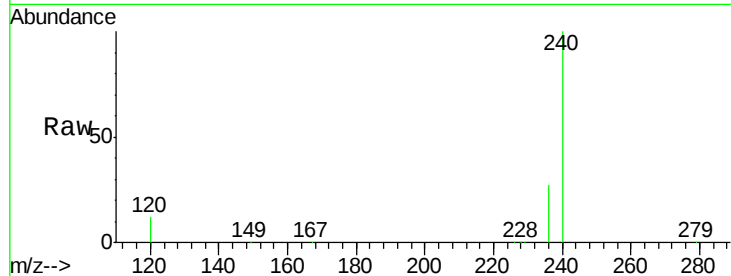
Tgt Ion:240 Resp: 137375

Ion Ratio Lower Upper

240 100

120 12.4 8.3 12.5

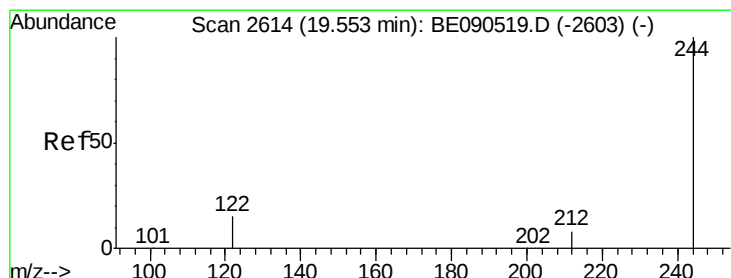
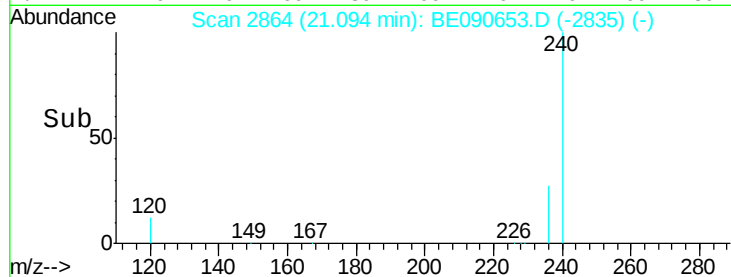
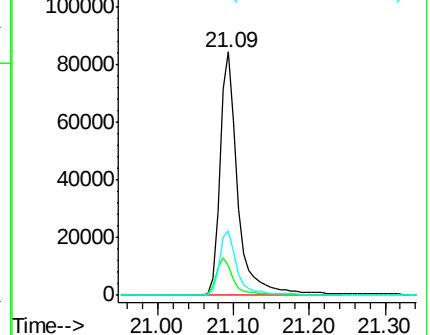
236 26.7 21.0 31.4



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: 4.92 ng

RT: 19.55 min Scan# 2613

Delta R.T. -0.01 min

Lab File: BE090653.D

Acq: 27 Aug 2015 16:49

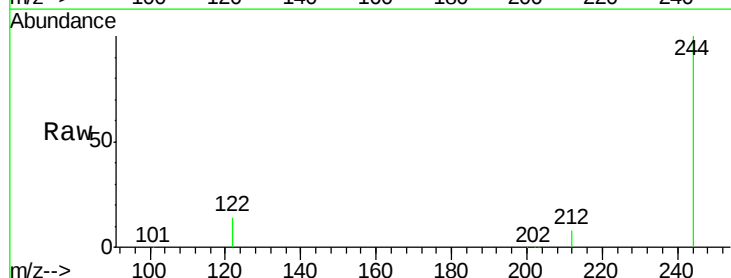
Tgt Ion:244 Resp: 123743

Ion Ratio Lower Upper

244 100

212 8.0 6.6 9.8

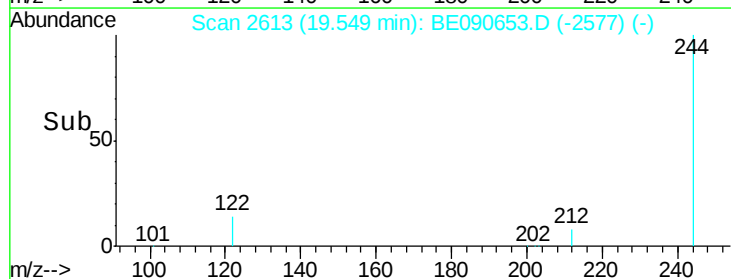
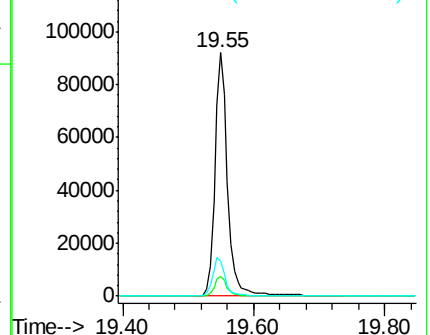
122 14.4 10.2 15.4

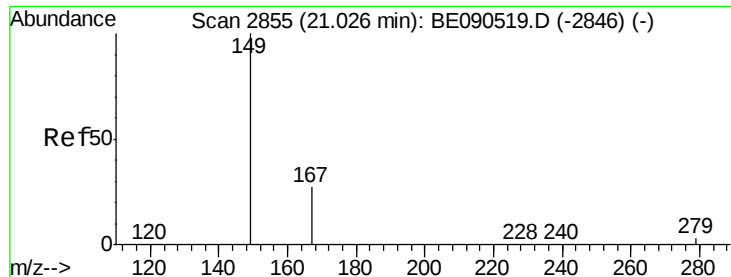


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#30

Bis(2-ethylhexyl)phthalate

Concen: 0.26 ng

RT: 21.02 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BE090653.D

Acq: 27 Aug 2015 16:49

Instrument :

BNA_E

ClientSampleId :

082515-D534-E-D-S

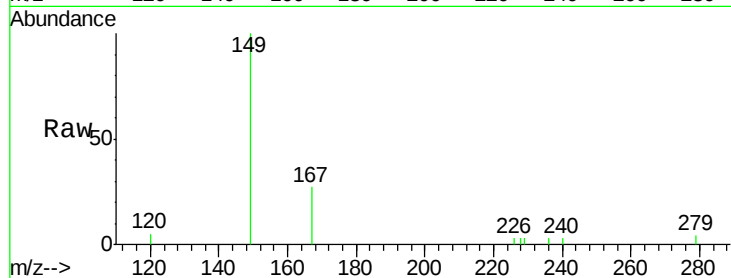
Tgt Ion:149 Resp: 2623

Ion Ratio Lower Upper

149 100

167 24.4 19.8 29.8

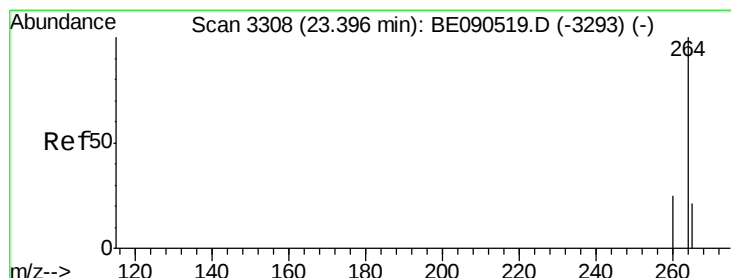
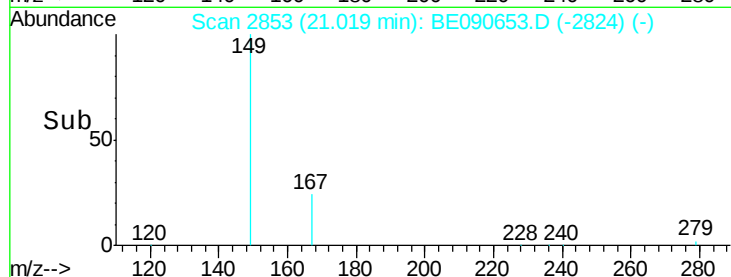
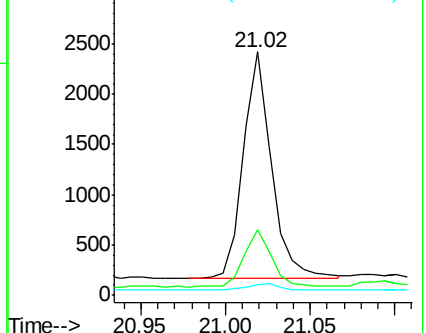
279 3.4 2.4 3.6



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

Perylene-d12

Concen: 5.00 ng

RT: 23.39 min Scan# 3307

Delta R.T. -0.00 min

Lab File: BE090653.D

Acq: 27 Aug 2015 16:49

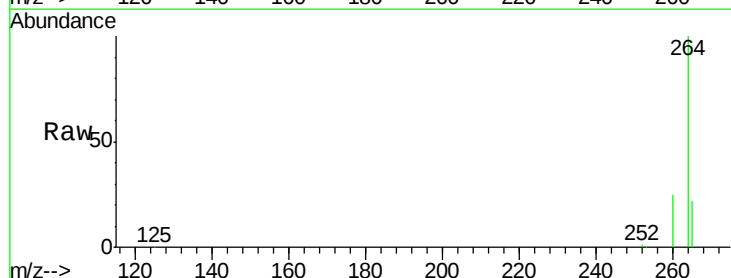
Tgt Ion:264 Resp: 115619

Ion Ratio Lower Upper

264 100

260 25.0 20.1 30.1

265 21.6 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

