

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081715\
 Data File : BE090539.D
 Acq On : 17 Aug 2015 18:53
 Operator : UM/IZ
 Sample : G3323-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 18 04:35:52 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

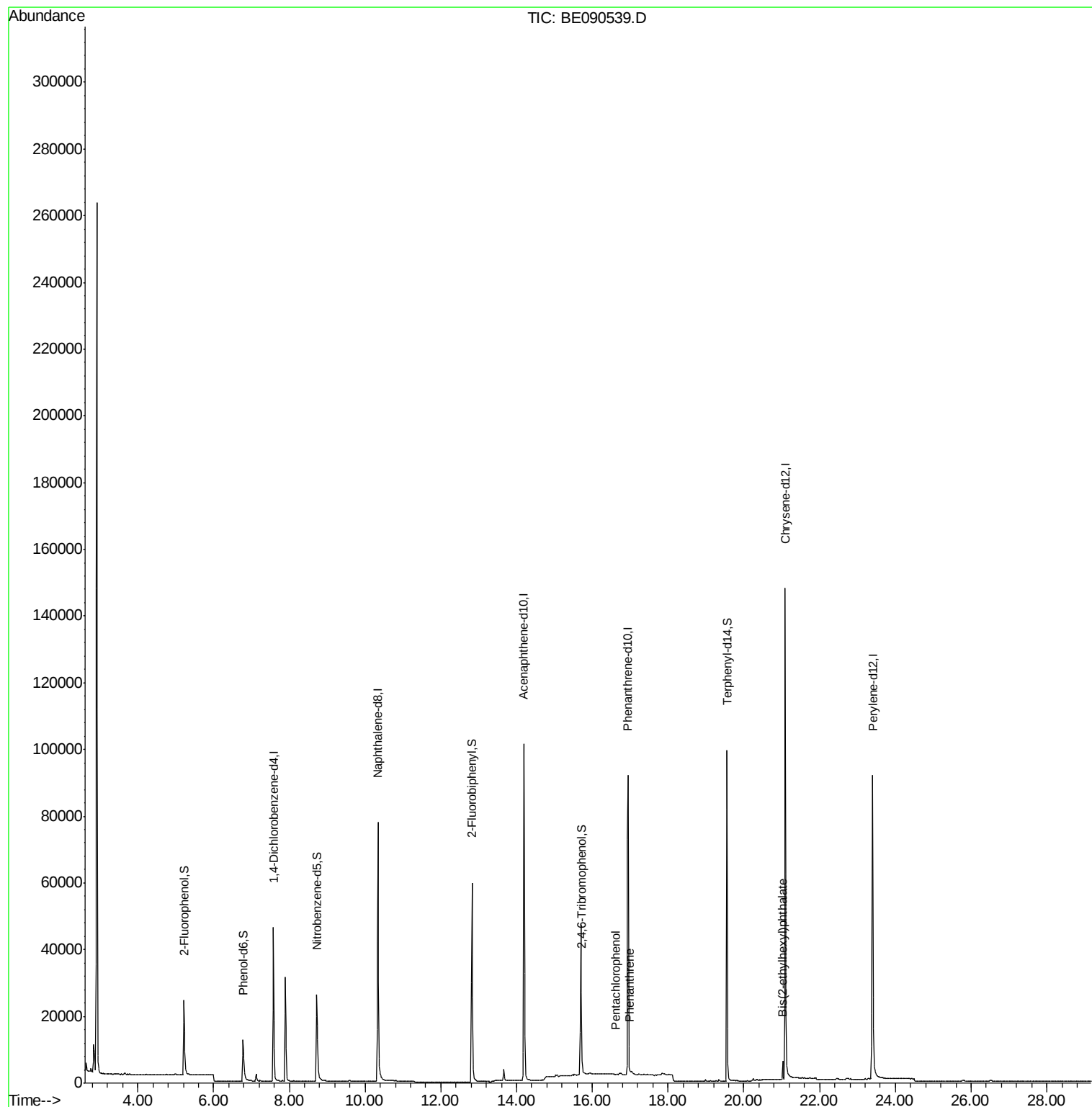
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	23597	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	118487	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	65291	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	143371	5.00	ng	0.00
25) Chrysene-d12	21.09	240	145216	5.00	ng	0.00
32) Perylene-d12	23.40	264	135217	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	20292	2.97	ng	0.00
5) Phenol-d6	6.78	99	20466	2.04	ng	0.00
7) Nitrobenzene-d5	8.73	82	32065	3.40	ng	0.00
13) 2,4,6-Tribromophenol	15.71	330	21853	8.70	ng	0.00
14) 2-Fluorobiphenyl	12.82	172	67703	3.47	ng	0.00
27) Terphenyl-d14	19.55	244	102585	3.86	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.18	88	76	Below Cal	#	28
21) Pentachlorophenol	16.61	266	66	0.32 ng	#	78
22) Phenanthrene	16.98	178	921	0.02 ng	#	79
30) Bis(2-ethylhexyl)phthalate	21.03	149	4826	0.34 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# 845

Delta R.T. -0.00 min

Lab File: BE090539.D

Acq: 17 Aug 2015 18:53

Instrument :

BNA_E

ClientSampled :

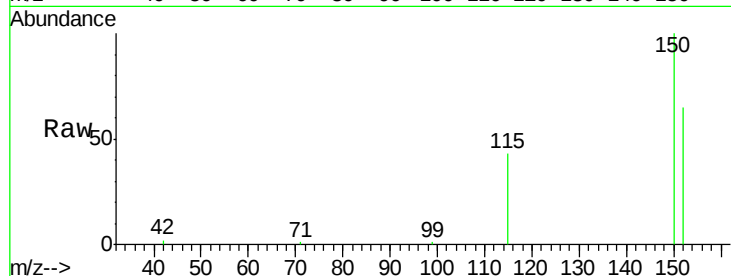
Tot Ion:152 Resp: 23597

Ion Ratio Lower Upper

152 100

150 153.9 123.0 184.4

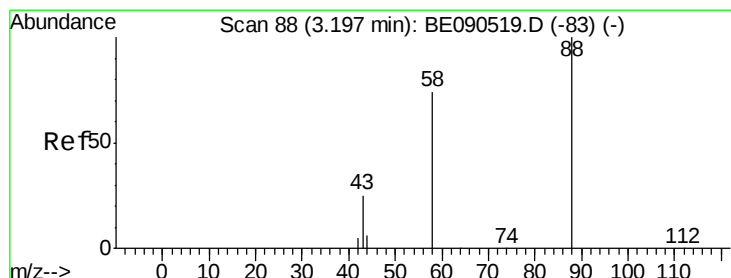
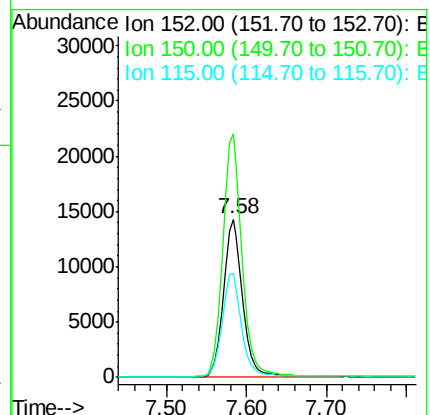
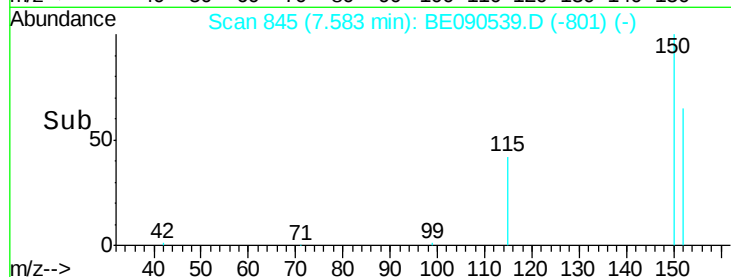
115 65.7 48.9 73.3



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: BE090539.D

Acq: 17 Aug 2015 18:53

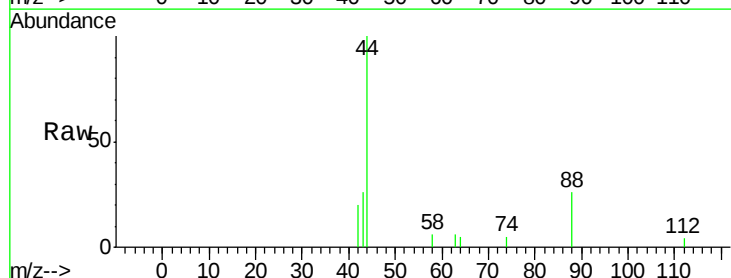
Tgt Ion: 88 Resp: 76

Ion Ratio Lower Upper

88 100

58 44.7 70.0 105.0#

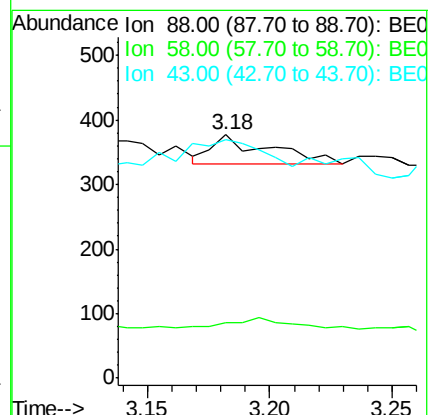
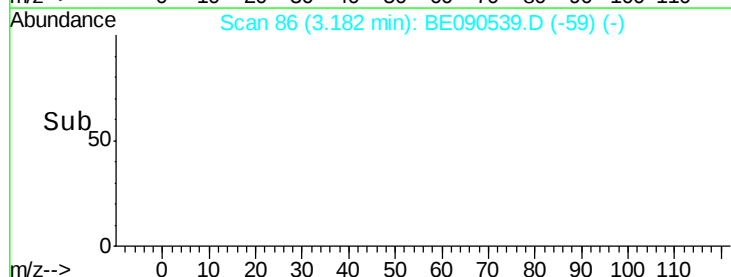
43 114.5 28.4 42.6#



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: 2.97 ng

RT: 5.22 min Scan# 386

Delta R.T. -0.00 min

Lab File: BE090539.D

Acq: 17 Aug 2015 18:53

Instrument :

BNA_E

ClientSampleId :

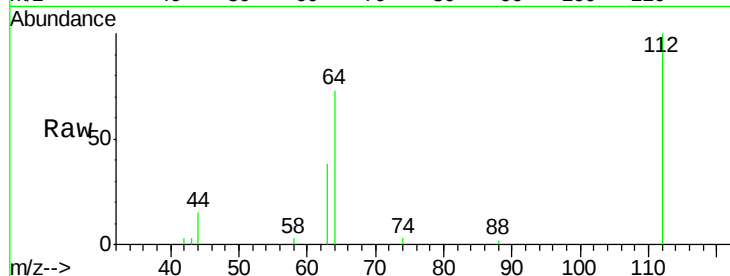
Tot Ion:112 Resp: 20292

Ion Ratio Lower Upper

112 100

64 69.9 37.1 55.7#

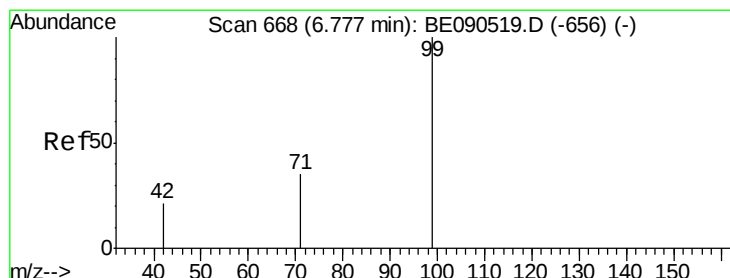
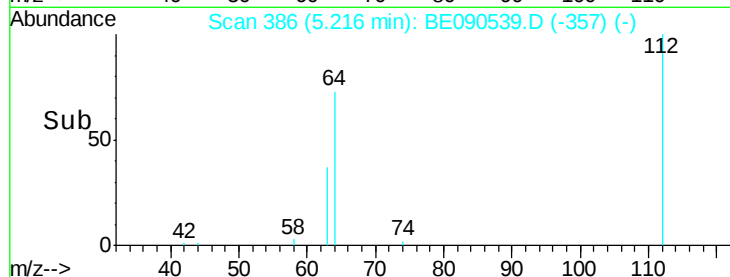
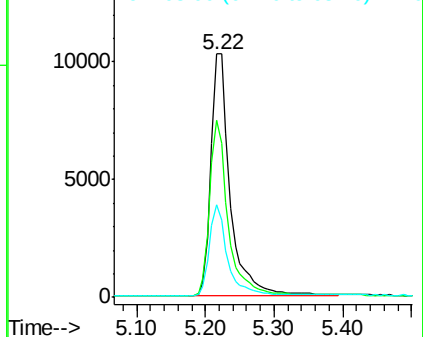
63 35.7 19.5 29.3#



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: 2.04 ng

RT: 6.78 min Scan# 669

Delta R.T. 0.00 min

Lab File: BE090539.D

Acq: 17 Aug 2015 18:53

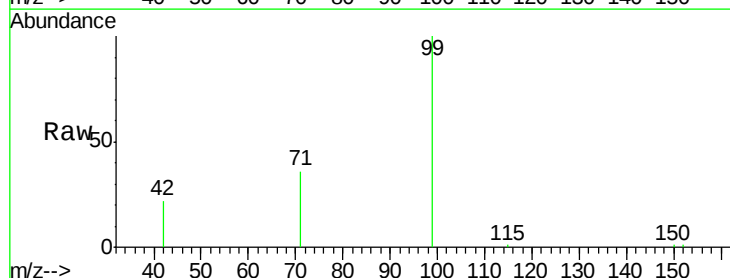
Tgt Ion: 99 Resp: 20466

Ion Ratio Lower Upper

99 100

42 19.7 18.2 27.4

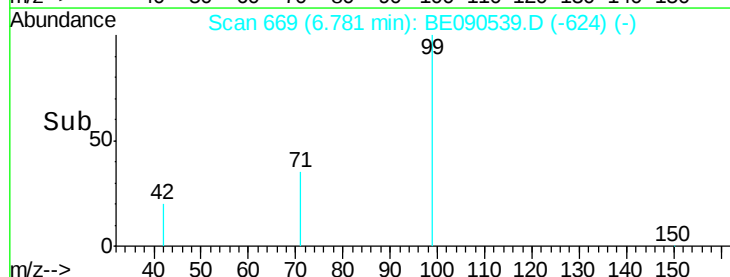
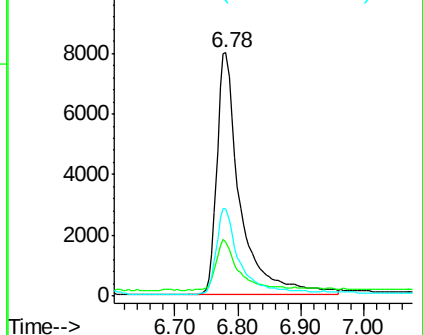
71 35.4 27.4 41.0

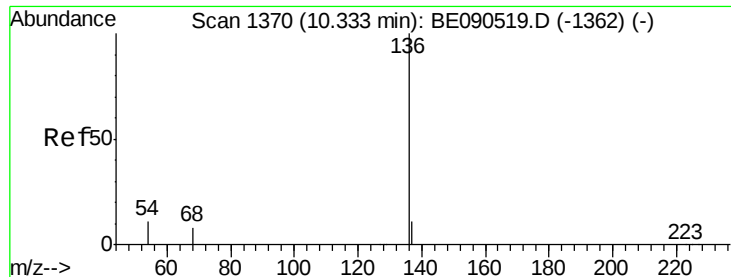


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

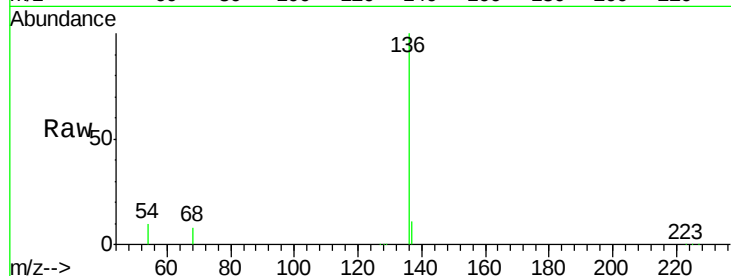




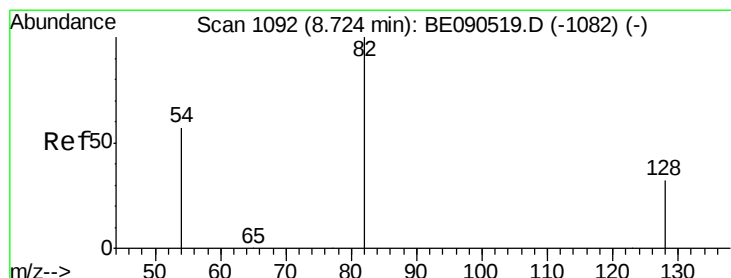
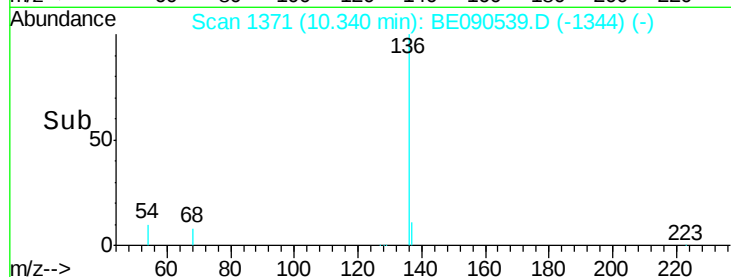
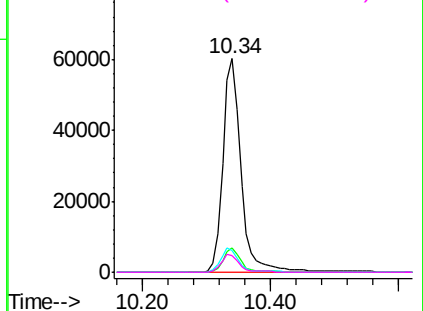
#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.34 min Scan# 1371
Delta R.T. 0.01 min
Lab File: BE090539.D
Acq: 17 Aug 2015 18:53

Instrument :
BNA_E
ClientSampleId :

Tot Ion:136	Resp:	118487
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.7 13.1
54	10.3	9.4 14.0
68	7.8	6.5 9.7

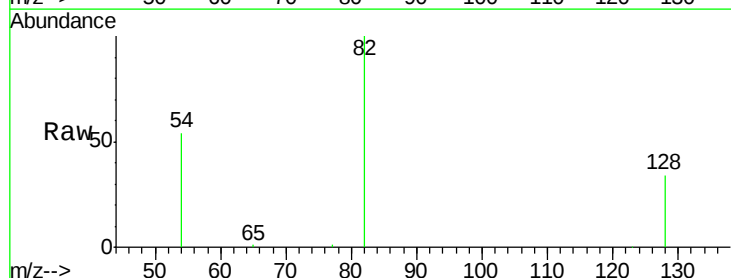


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BE0
Ion 68.00 (67.70 to 68.70): BE0

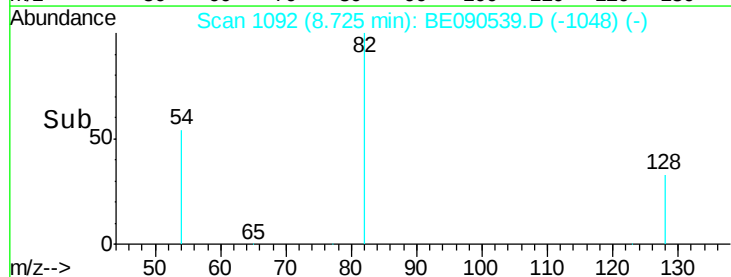
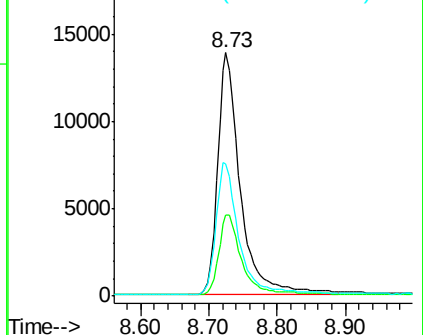


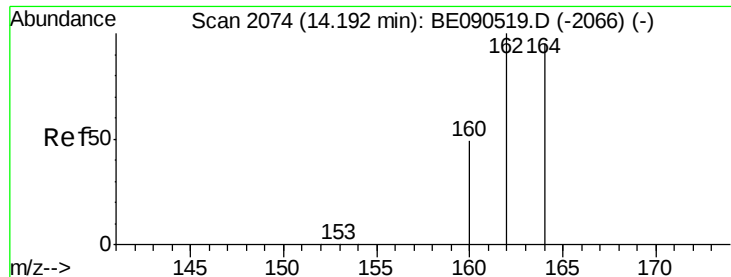
#7
Nitrobenzene-d5
Concen: 3.40 ng
RT: 8.73 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BE090539.D
Acq: 17 Aug 2015 18:53

Tgt Ion: 82	Resp:	32065
Ion Ratio	Lower	Upper
82	100	
128	33.5	25.0 37.6
54	54.3	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





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.19 min Scan# 2074

Delta R.T. 0.00 min

Lab File: BE090539.D

Acq: 17 Aug 2015 18:53

Instrument :

BNA_E

ClientSampleId :

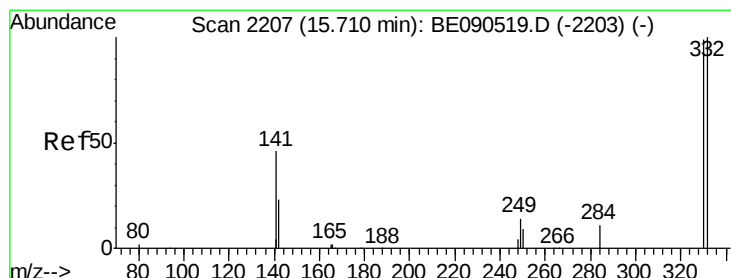
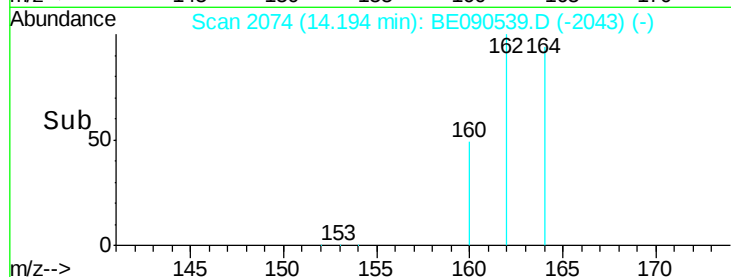
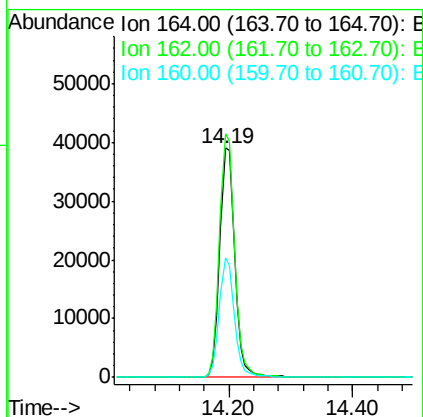
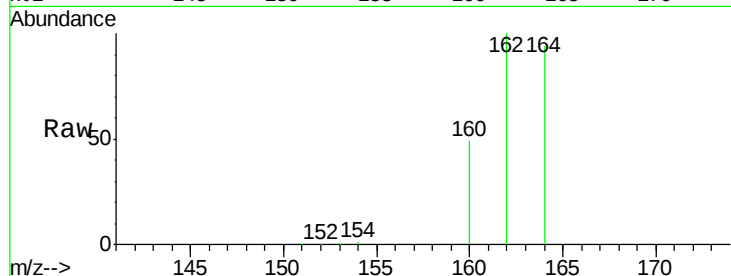
Tot Ion:164 Resp: 65291

Ion Ratio Lower Upper

164 100

162 106.2 81.8 122.8

160 51.9 44.2 66.4



#13

2,4,6-Tribromophenol

Concen: 8.70 ng

RT: 15.71 min Scan# 2206

Delta R.T. -0.00 min

Lab File: BE090539.D

Acq: 17 Aug 2015 18:53

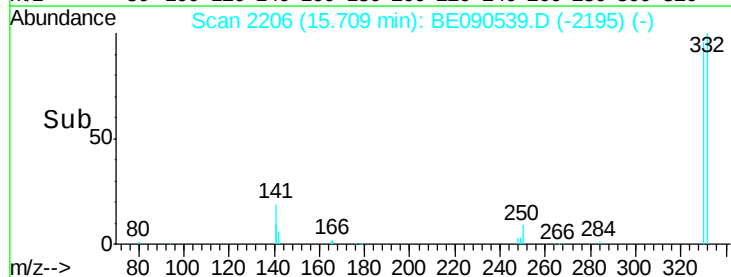
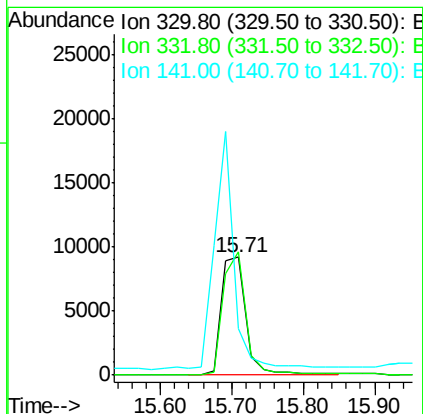
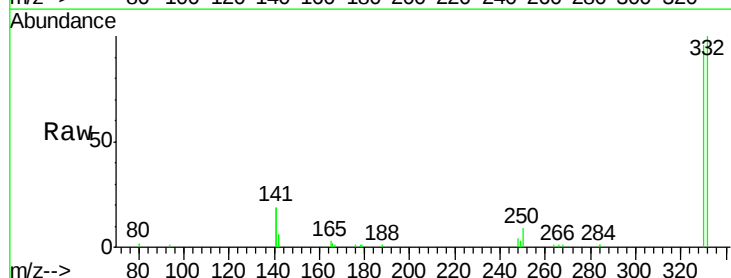
Tgt Ion:330 Resp: 21853

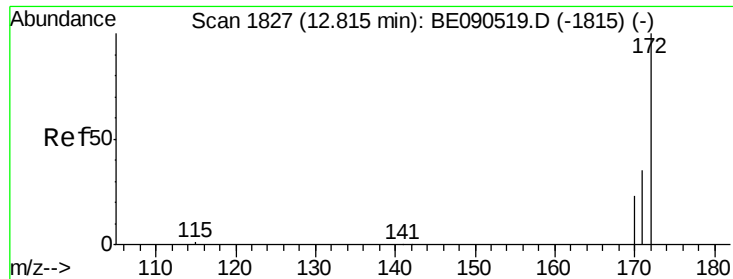
Ion Ratio Lower Upper

330 100

332 96.8 75.8 113.6

141 164.4 114.4 171.6

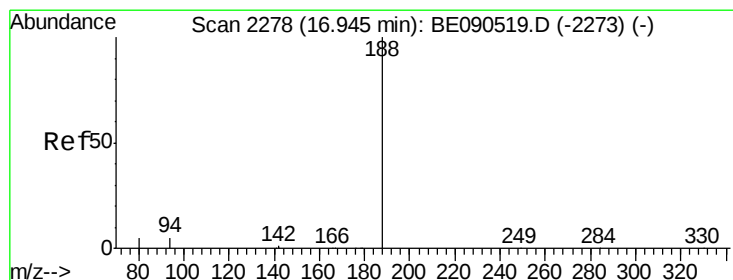
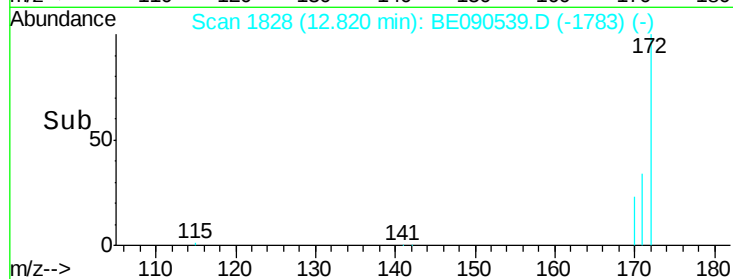
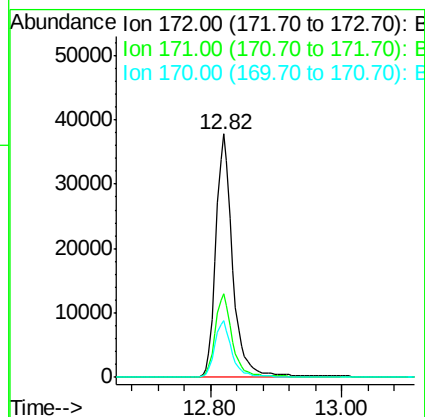
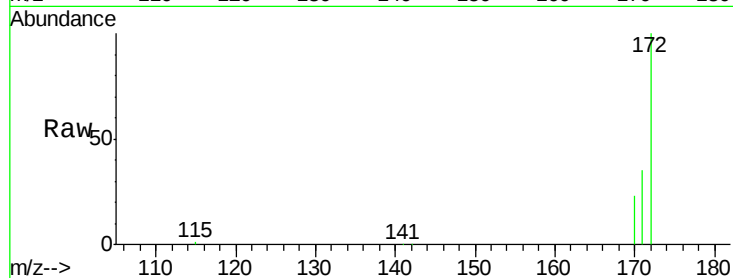




#14
2-Fluorobiphenyl
Concen: 3.47 ng
RT: 12.82 min Scan# 1828
Delta R.T. 0.00 min
Lab File: BE090539.D
Acq: 17 Aug 2015 18:53

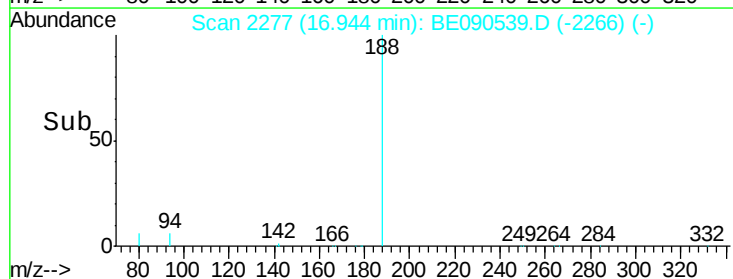
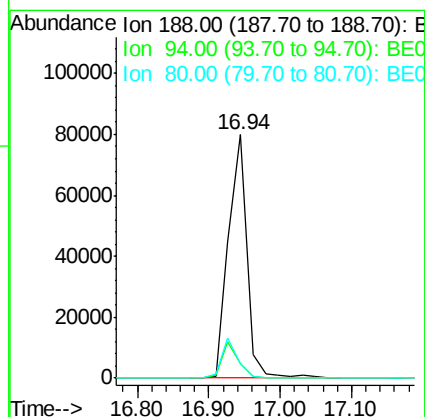
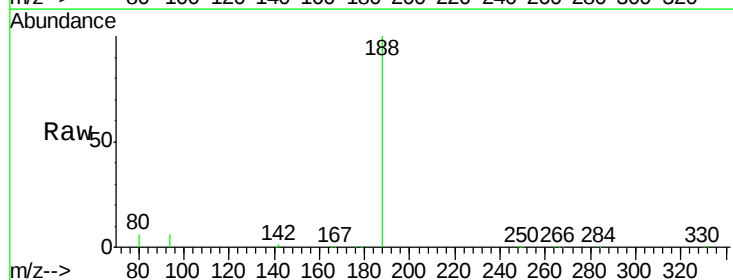
Instrument :
BNA_E
ClientSampleId :

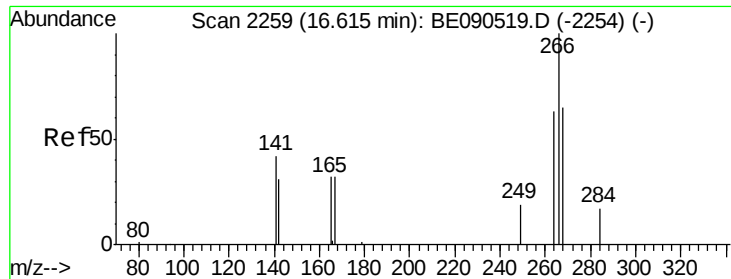
Tot Ion:172 Resp: 67703
Ion Ratio Lower Upper
172 100
171 34.6 28.5 42.7
170 23.1 19.8 29.8



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 2277
Delta R.T. -0.00 min
Lab File: BE090539.D
Acq: 17 Aug 2015 18:53

Tgt Ion:188 Resp: 143371
Ion Ratio Lower Upper
188 100
94 5.9 5.7 8.5
80 5.8 5.8 8.8

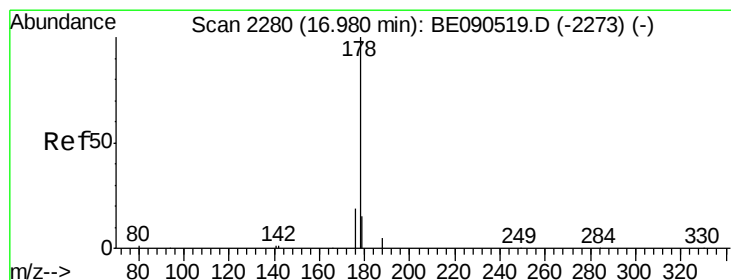
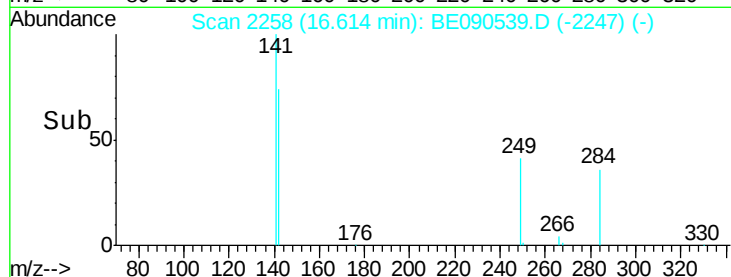
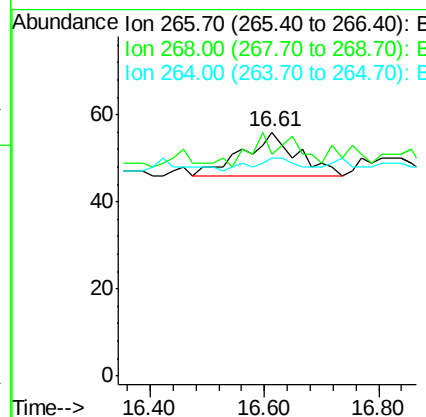
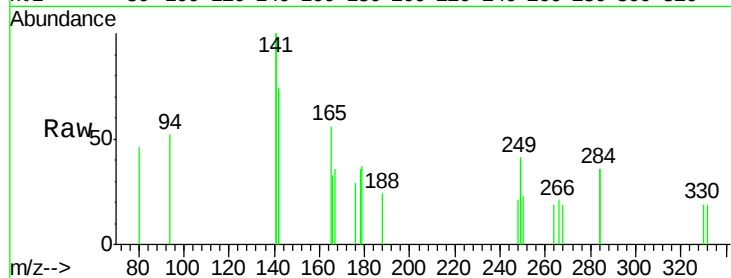




#21
 Pentachlorophenol
 Concen: 0.32 ng
 RT: 16.61 min Scan# 2258
 Delta R.T. -0.00 min
 Lab File: BE090539.D
 Acq: 17 Aug 2015 18:53

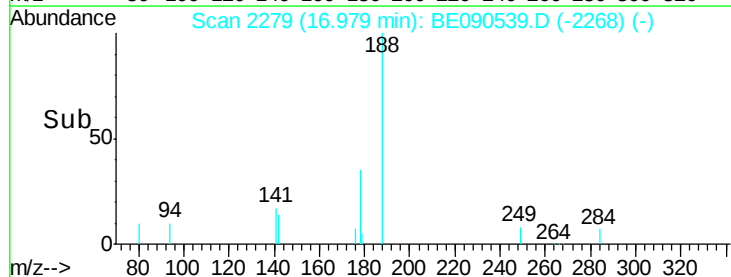
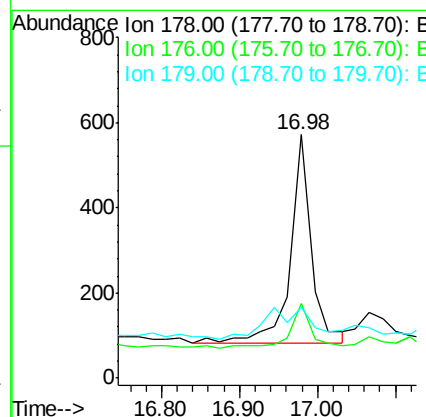
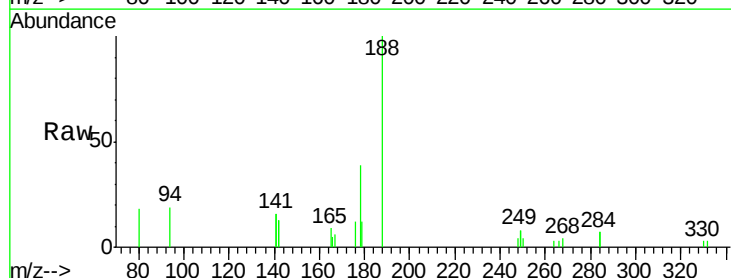
Instrument :
 BNA_E
 ClientSampleId :

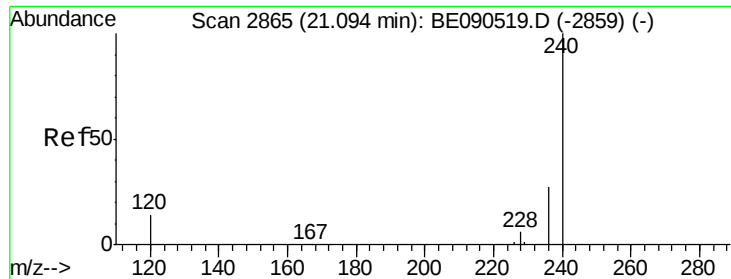
Tot Ion:266 Resp: 66
 Ion Ratio Lower Upper
 266 100
 268 91.1 58.5 87.7#
 264 89.3 56.0 84.0#



#22
 Phenanthrene
 Concen: 0.02 ng
 RT: 16.98 min Scan# 2279
 Delta R.T. -0.00 min
 Lab File: BE090539.D
 Acq: 17 Aug 2015 18:53

Tgt Ion:178 Resp: 921
 Ion Ratio Lower Upper
 178 100
 176 23.0 15.4 23.2
 179 0.0 12.5 18.7#





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.09 min Scan# 2863

Delta R.T. -0.00 min

Lab File: BE090539.D

Acq: 17 Aug 2015 18:53

Instrument :

BNA_E

ClientSampled :

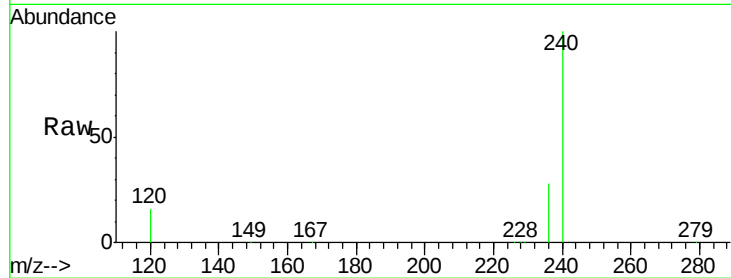
Tot Ion:240 Resp: 145216

Ion Ratio Lower Upper

240 100

120 15.9 8.3 12.5#

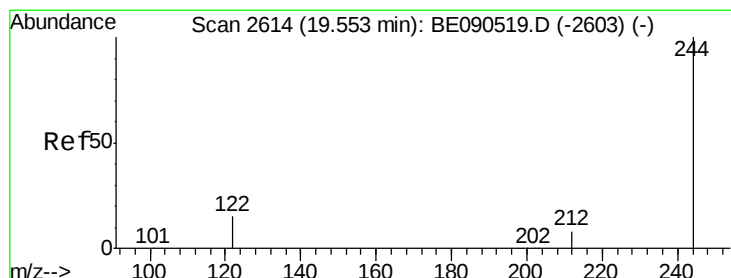
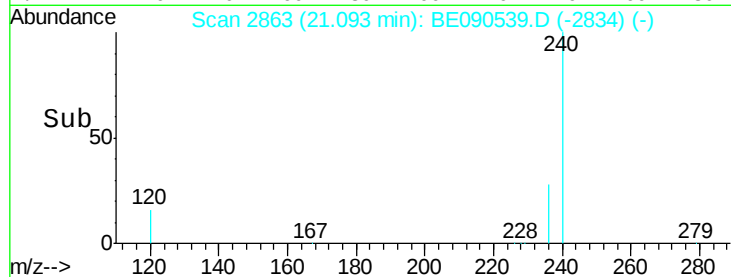
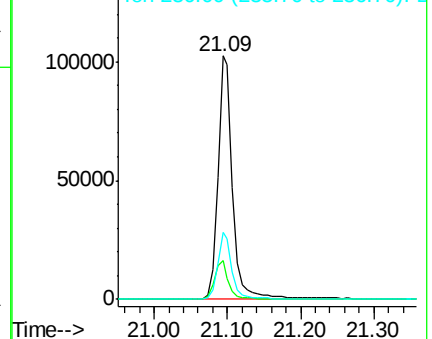
236 27.6 21.0 31.4



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: 3.86 ng

RT: 19.55 min Scan# 2613

Delta R.T. 0.00 min

Lab File: BE090539.D

Acq: 17 Aug 2015 18:53

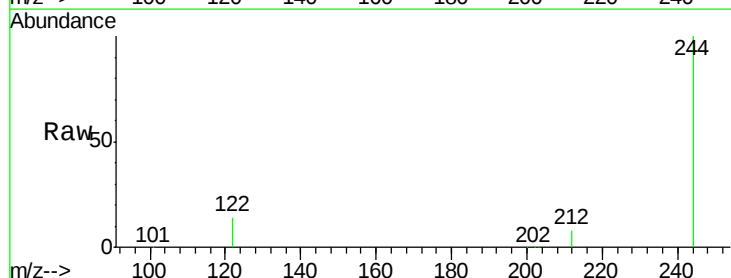
Tgt Ion:244 Resp: 102585

Ion Ratio Lower Upper

244 100

212 7.9 6.6 9.8

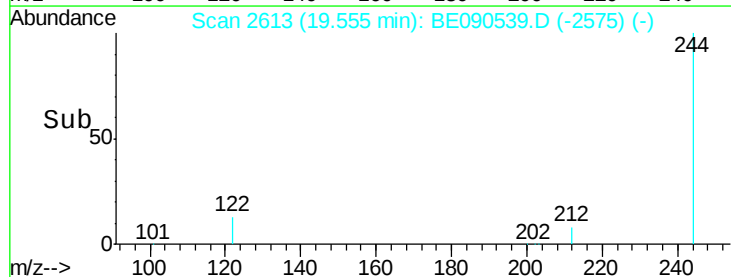
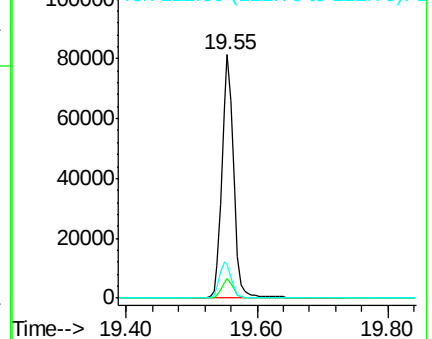
122 13.6 10.2 15.4

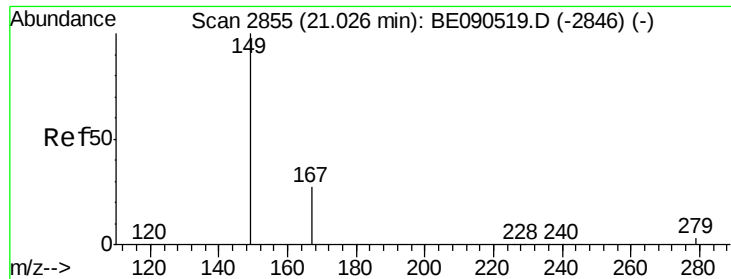


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#30

Bis(2-ethylhexyl)phthalate

Concen: 0.34 ng

RT: 21.03 min Scan# 2853

Delta R.T. 0.00 min

Lab File: BE090539.D

Acq: 17 Aug 2015 18:53

Instrument :

BNA_E

ClientSampleId :

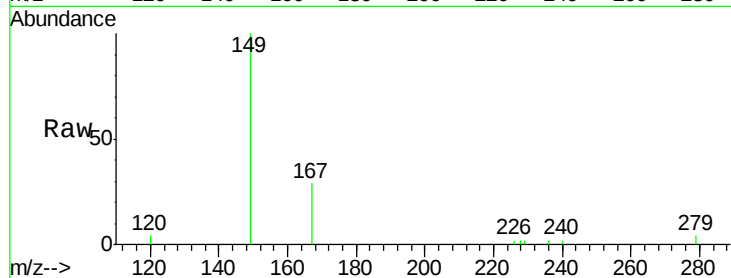
Tot Ion:149 Resp: 4826

Ion Ratio Lower Upper

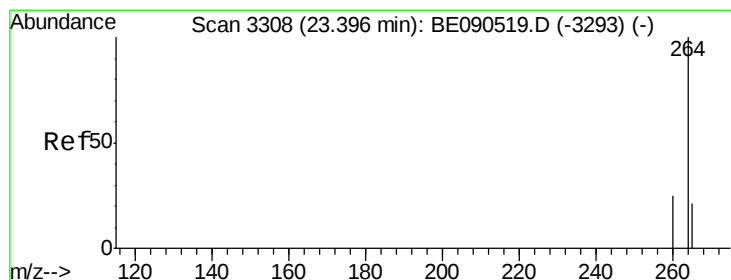
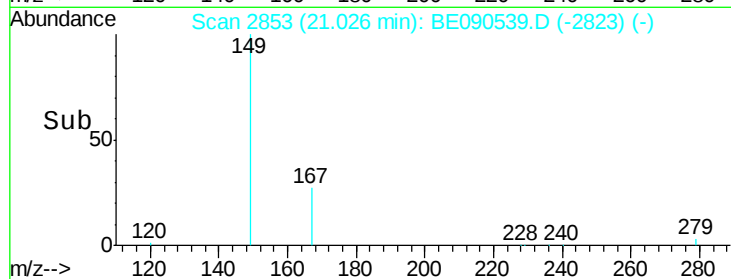
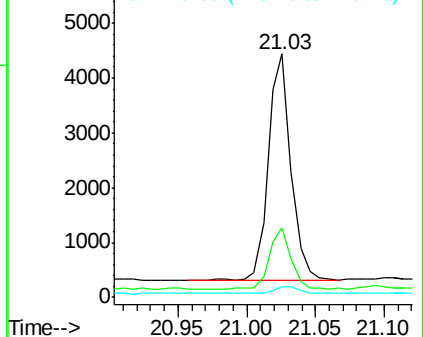
149 100

167 25.1 19.8 29.8

279 3.3 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: 23.40 min Scan# 3307

Delta R.T. 0.00 min

Lab File: BE090539.D

Acq: 17 Aug 2015 18:53

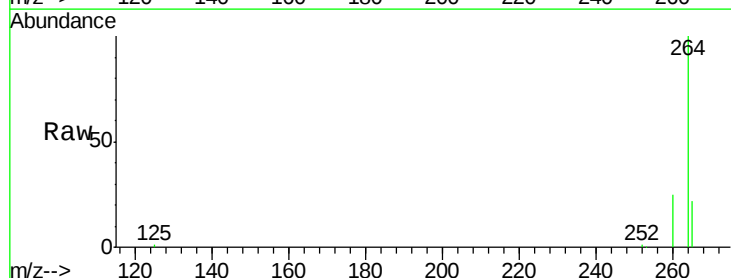
Tgt Ion:264 Resp: 135217

Ion Ratio Lower Upper

264 100

260 24.7 20.1 30.1

265 21.8 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

