

Data Path : Z:\HPCHEM1\BNA E\DATA\BE091715\
 Data File : BE090877.D
 Acq On : 17 Sep 2015 22:43
 Operator : UM/IZ
 Sample : G3700-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 091515-P004-E-D-S

Quant Time: Sep 18 00:47:25 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 11:40:50 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	31022	5.00	ng	0.00
6) Naphthalene-d8	10.30	136	138695	5.00	ng	0.00
12) Acenaphthene-d10	14.16	164	73419	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	180106	5.00	ng	0.00
25) Chrysene-d12	21.07	240	229234	5.00	ng	0.00
32) Perylene-d12	23.35	264	205451	5.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.18	112	23996	3.98	ng	0.00
5) Phenol-d6	6.75	99	19716	2.28	ng	0.00
7) Nitrobenzene-d5	8.71	82	33203	3.62	ng	0.00
13) 2,4,6-Tribromophenol	15.67	330	16590	7.70	ng	0.00
14) 2-Fluorobiphenyl	12.80	172	76673	3.77	ng	0.00
27) Terphenyl-d14	19.53	244	141532	5.58	ng	-0.01

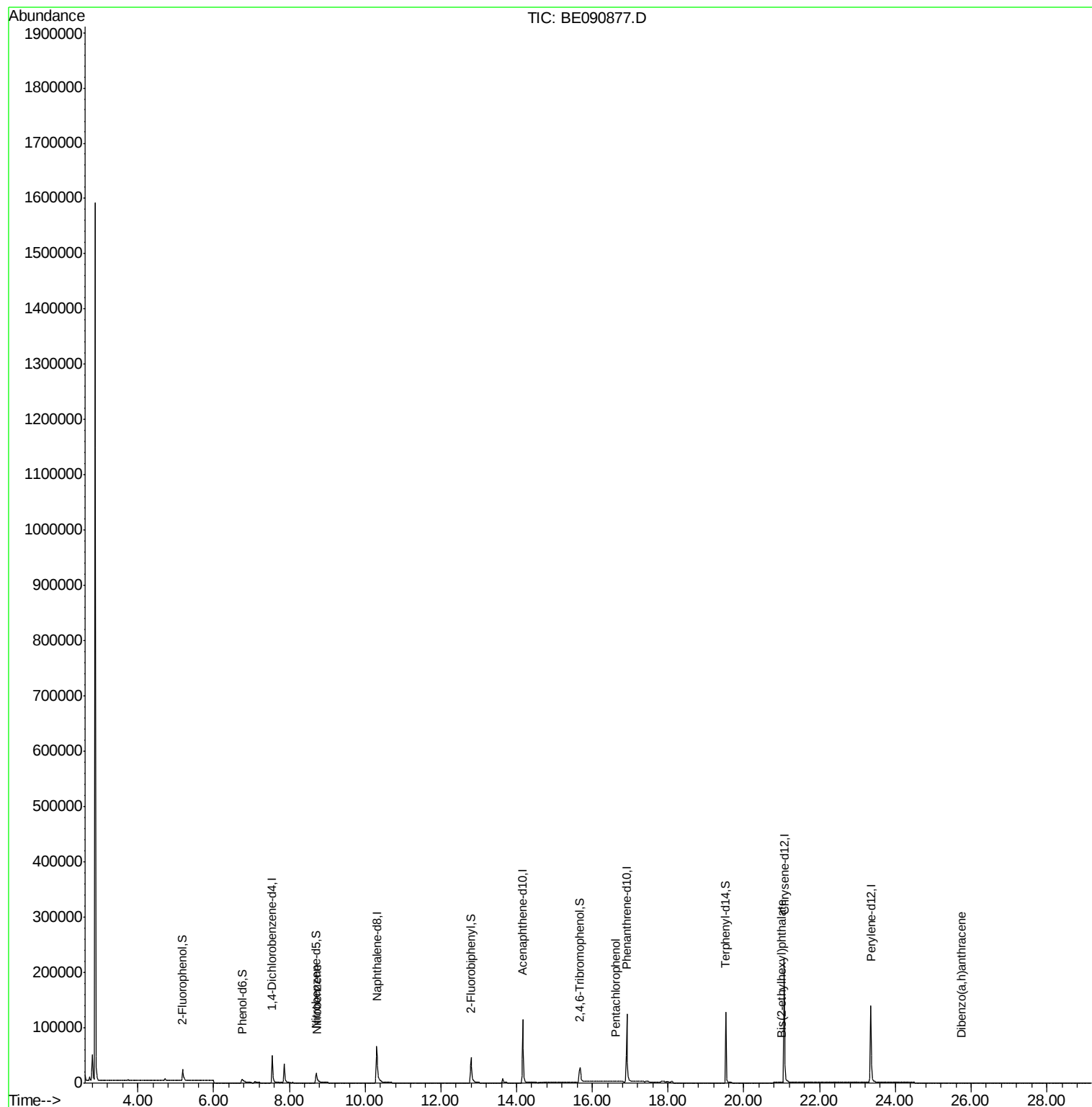
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.15	88	62	Below Cal	#	1
3) n-Nitrosodimethylamine	3.41	42	35	Below Cal	#	1
8) Nitrobenzene	8.75	77	14	0.11 ng	#	1
20) Hexachlorobenzene	16.20	284	23	Below Cal	#	1
21) Pentachlorophenol	16.61	266	21	0.47 ng	#	67
29) Chrysene	21.10	228	461	Below Cal	#	76
30) Bis(2-ethylhexyl)phthalate	21.00	149	742	0.12 ng	#	93
36) Dibenzo(a,h)anthracene	25.74	278	152	0.14 ng	#	1

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

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.55 min Scan# 837

Delta R.T. -0.01 min

Lab File: BE090877.D

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Instrument :

BNA_E

ClientSampleId :

091515-P004-E-D-S

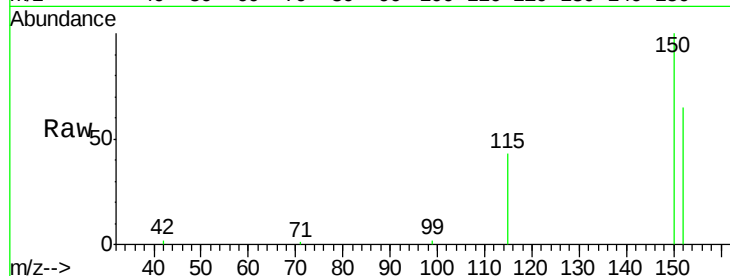
Tot Ion:152 Resp: 31022

Ion Ratio Lower Upper

152 100

150 155.0 122.2 183.4

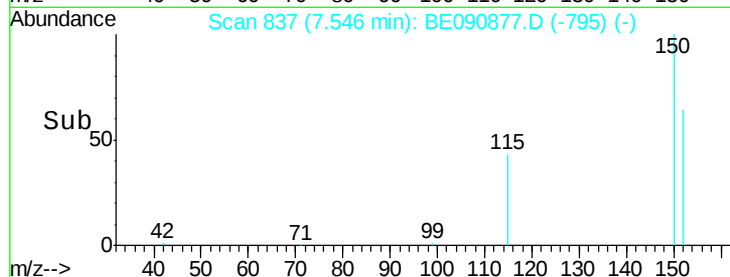
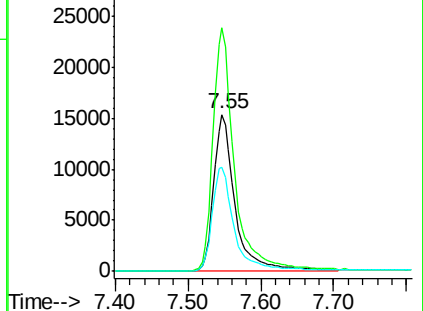
115 66.2 51.0 76.4



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: 3.15 min Scan# 82

Delta R.T. -0.01 min

Lab File: BE090877.D

Acq: 17 Sep 2015 22:43

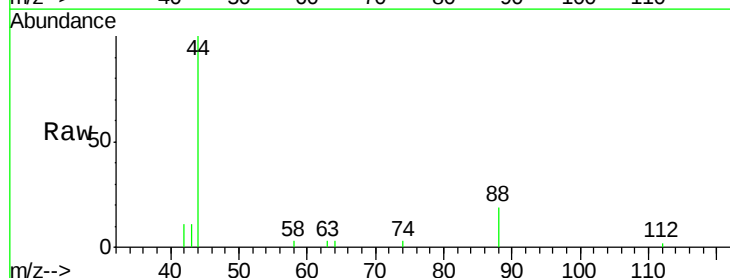
Tgt Ion: 88 Resp: 62

Ion Ratio Lower Upper

88 100

58 54.8 68.4 102.6#

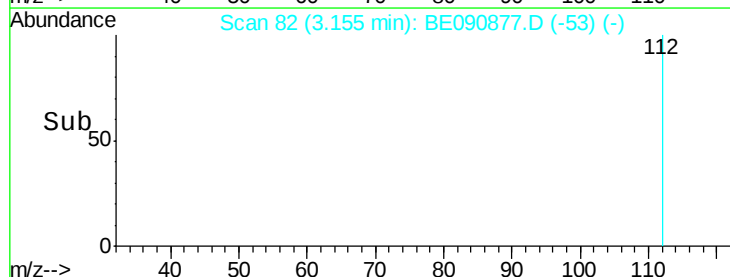
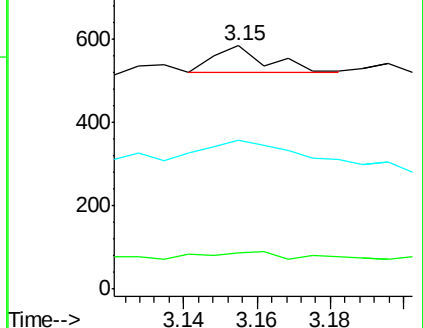
43 250.0 26.9 40.3#



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



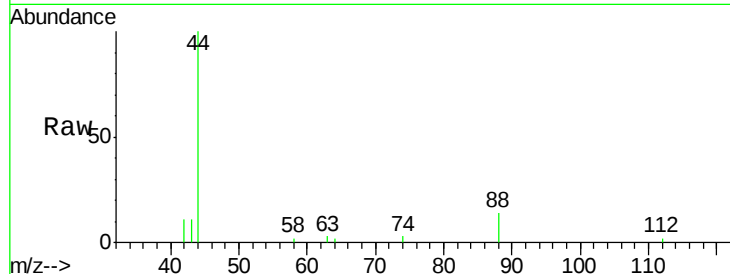


#3

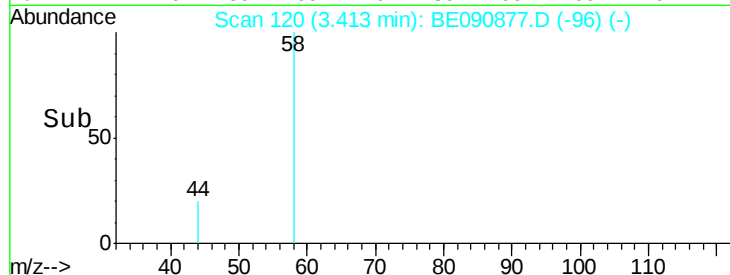
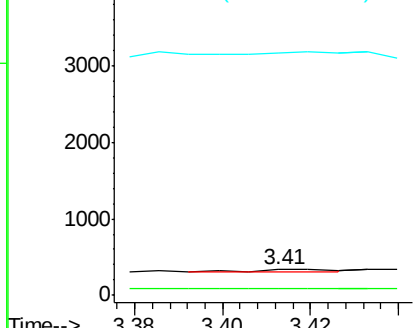
n-Nitrosodimethylamine
 Concen: Below Cal
 RT: 3.41 min Scan# 120
 Delta R.T. -0.04 min
 Lab File: BE090877.D
 Acq: 17 Sep 2015 22:43

Instrument :
 BNA_E
 ClientSampleId :
 091515-P004-E-D-S

Tot Ion: 42 Resp: 35
 Ion Ratio Lower Upper
 42 100
 74 0.0 83.7 125.5#
 44 340.0 10.0 15.0#



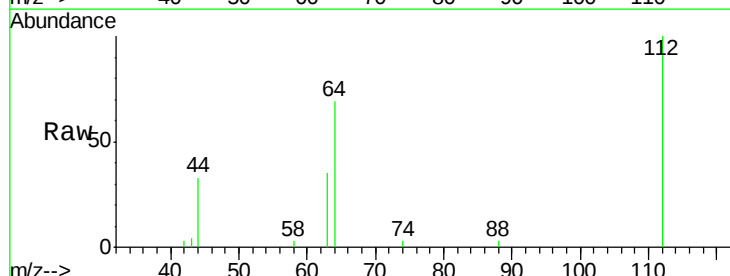
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



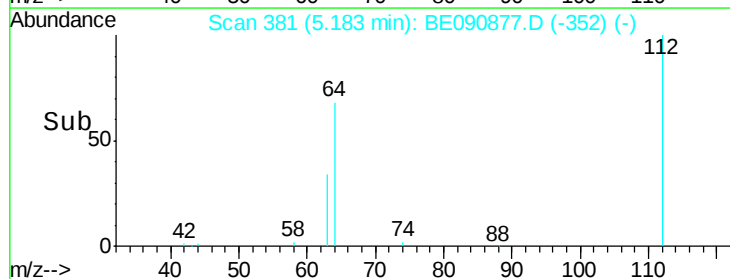
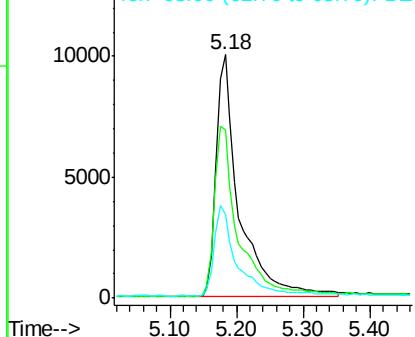
#4

2-Fluorophenol
 Concen: 3.98 ng
 RT: 5.18 min Scan# 381
 Delta R.T. -0.01 min
 Lab File: BE090877.D
 Acq: 17 Sep 2015 22:43

Tgt Ion: 112 Resp: 23996
 Ion Ratio Lower Upper
 112 100
 64 72.6 57.3 85.9
 63 37.2 29.2 43.8



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BE0
 Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 2.28 ng

RT: 6.75 min Scan# 662

Delta R.T. -0.00 min

Lab File: BE090877.D

Acq: 17 Sep 2015 22:43

Instrument :

BNA_E

ClientSampleId :

091515-P004-E-D-S

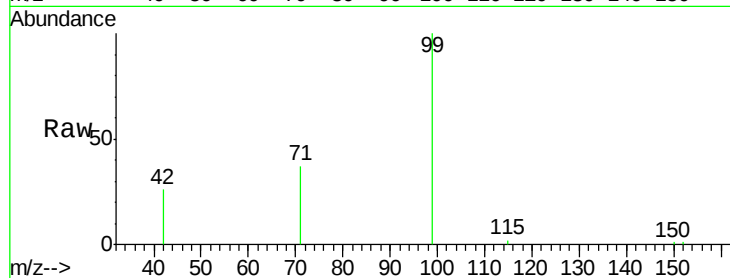
Tot Ion: 99 Resp: 19716

Ion Ratio Lower Upper

99 100

42 21.8 16.8 25.2

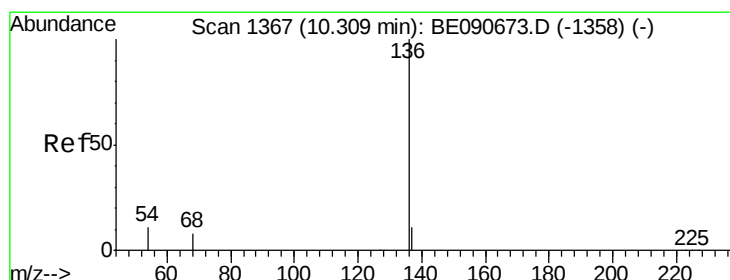
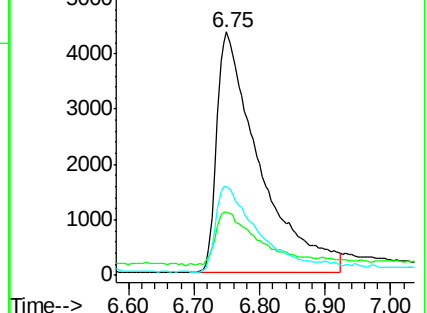
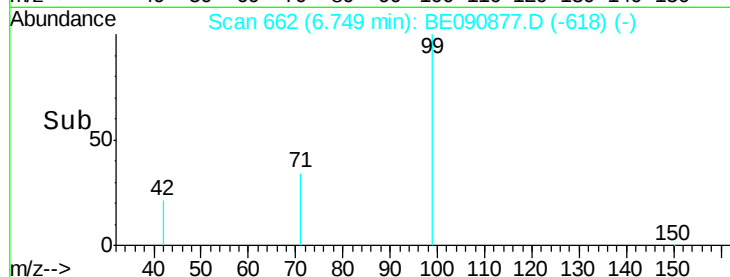
71 35.4 28.3 42.5



Abundance Ion 99.00 (98.70 to 99.70): BE090877.D (-618) (-)

Ion 42.00 (41.70 to 42.70): BE090877.D (-618) (-)

Ion 71.00 (70.70 to 71.70): BE090877.D (-618) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.30 min Scan# 1366

Delta R.T. -0.01 min

Lab File: BE090877.D

Acq: 17 Sep 2015 22:43

Tgt Ion: 136 Resp: 138695

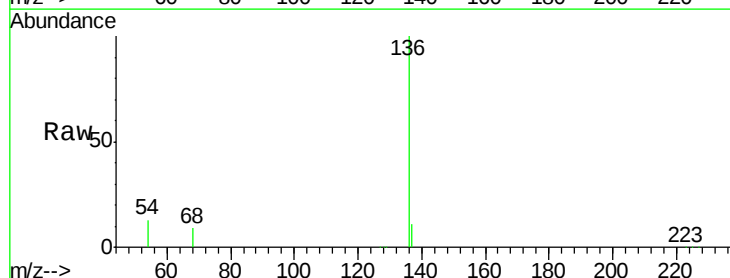
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 12.8 9.0 13.6

68 8.8 6.3 9.5

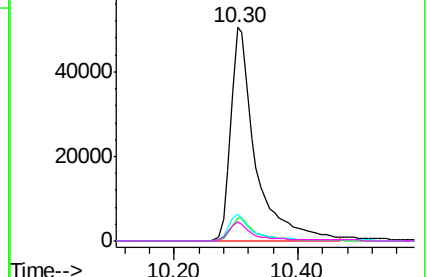
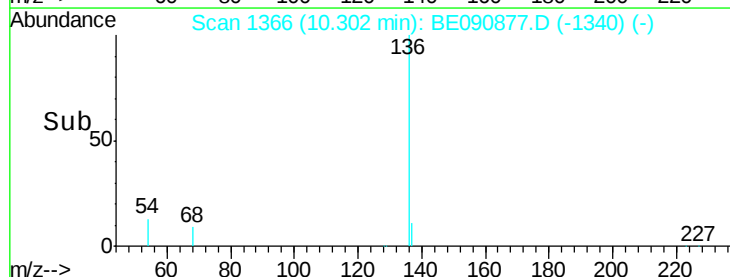


Abundance Ion 136.00 (135.70 to 136.70): BE090877.D (-1340) (-)

Ion 137.00 (136.70 to 137.70): BE090877.D (-1340) (-)

Ion 54.00 (53.70 to 54.70): BE090877.D (-1340) (-)

Ion 68.00 (67.70 to 68.70): BE090877.D (-1340) (-)





#7

Nitrobenzene-d5

Concen: 3.62 ng

RT: 8.71 min Scan# 1088

Delta R.T. 0.00 min

Lab File: BE090877.D

Acq: 17 Sep 2015 22:43

Instrument :

BNA_E

ClientSampleId :

091515-P004-E-D-S

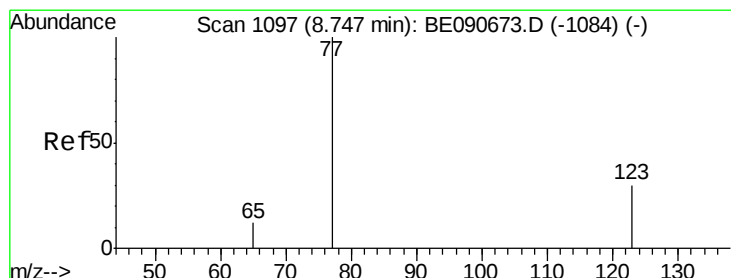
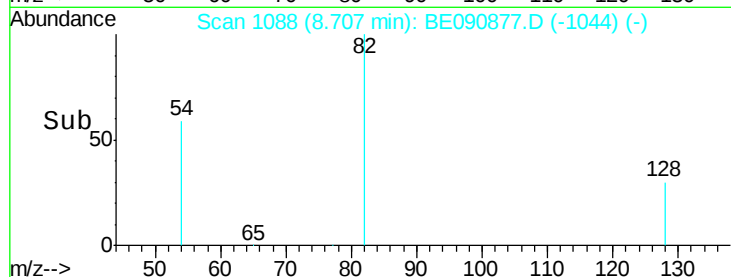
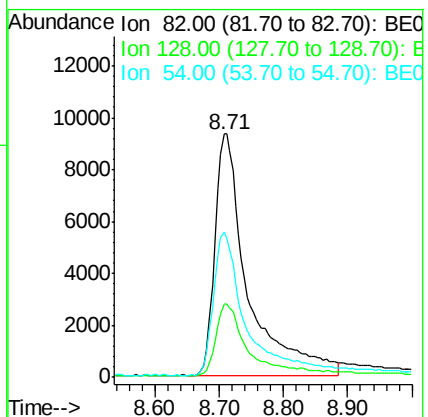
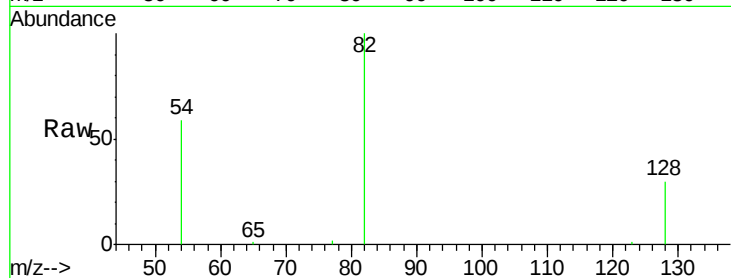
Tot Ion: 82 Resp: 33203

Ion Ratio Lower Upper

82 100

128 30.0 25.0 37.4

54 59.4 46.3 69.5



#8

Nitrobenzene

Concen: 0.11 ng

RT: 8.75 min Scan# 1097

Delta R.T. 0.00 min

Lab File: BE090877.D

Acq: 17 Sep 2015 22:43

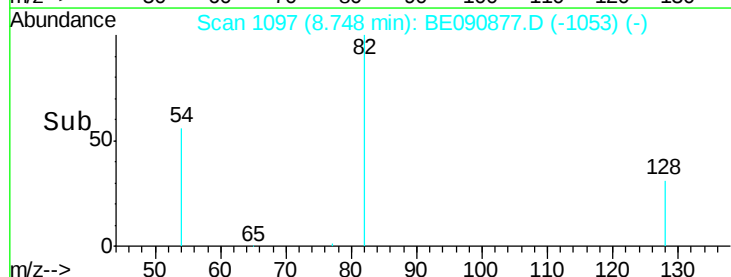
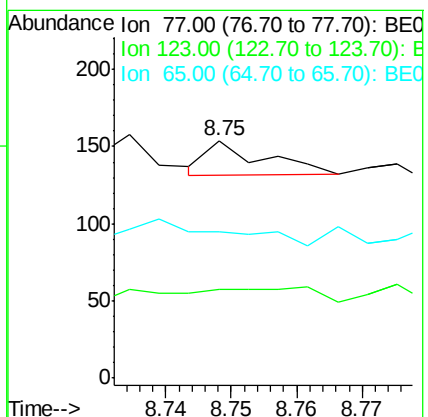
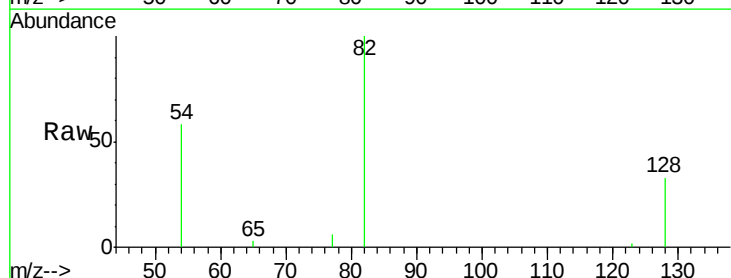
Tgt Ion: 77 Resp: 14

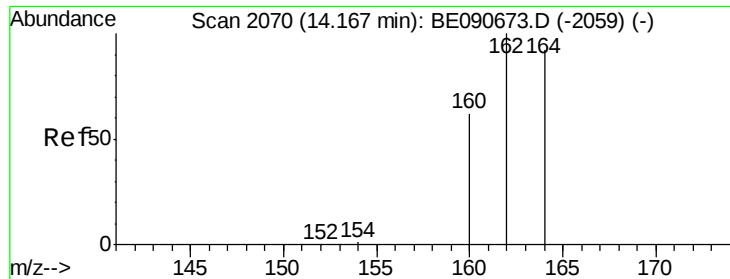
Ion Ratio Lower Upper

77 100

123 0.0 25.1 37.7#

65 142.9 9.9 14.9#





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.16 min Scan# 2069

Delta R.T. -0.00 min

Lab File: BE090877.D

Acq: 17 Sep 2015 22:43

Instrument :

BNA_E

ClientSampleId :

091515-P004-E-D-S

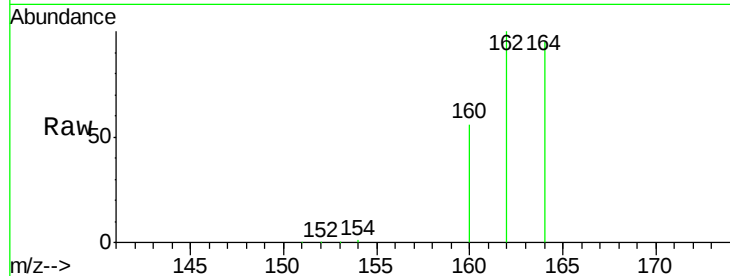
Tot Ion:164 Resp: 73419

Ion Ratio Lower Upper

164 100

162 105.8 86.8 130.2

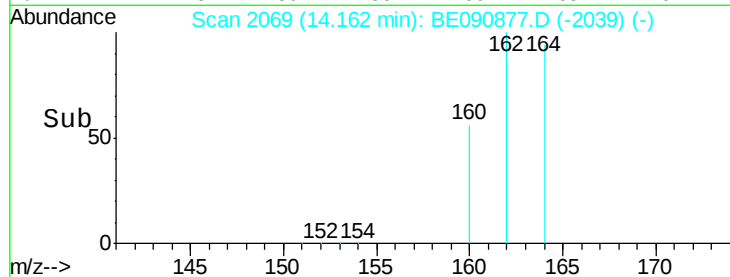
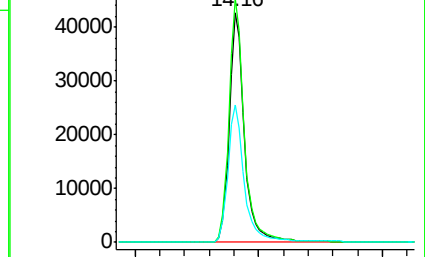
160 59.5 53.9 80.9



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: 7.70 ng

RT: 15.67 min Scan# 2204

Delta R.T. -0.00 min

Lab File: BE090877.D

Acq: 17 Sep 2015 22:43

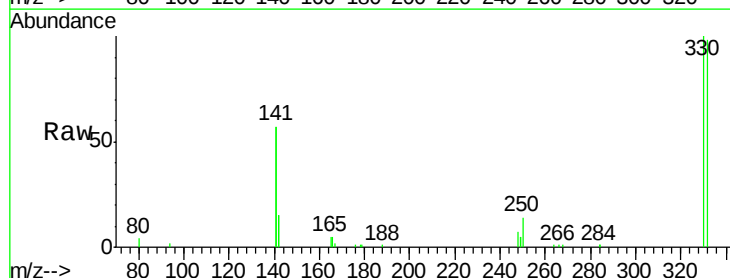
Tgt Ion:330 Resp: 16590

Ion Ratio Lower Upper

330 100

332 97.0 74.9 112.3

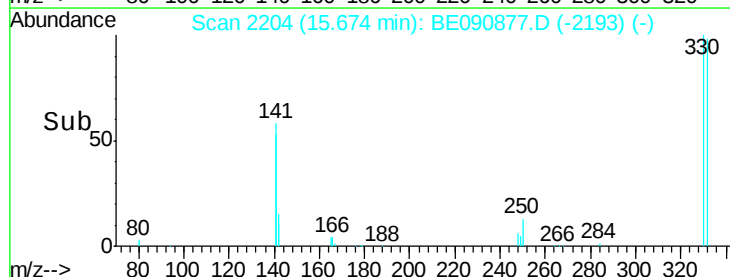
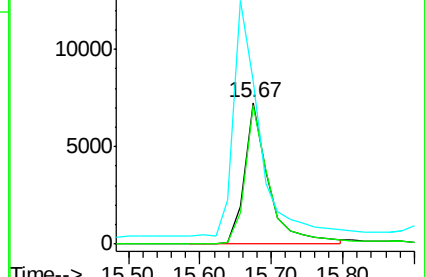
141 180.9 145.2 217.8



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

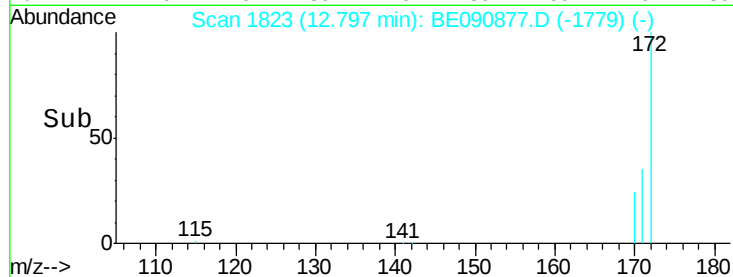
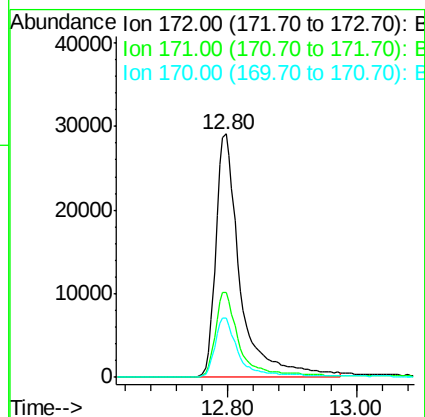
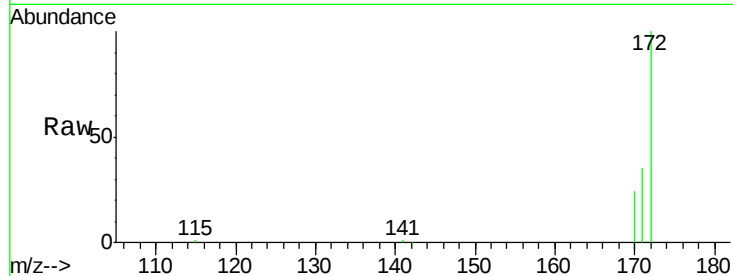




#14
2-Fluorobiphenyl
Concen: 3.77 ng
RT: 12.80 min Scan# 1823
Delta R.T. -0.00 min
Lab File: BE090877.D
Acq: 17 Sep 2015 22:43

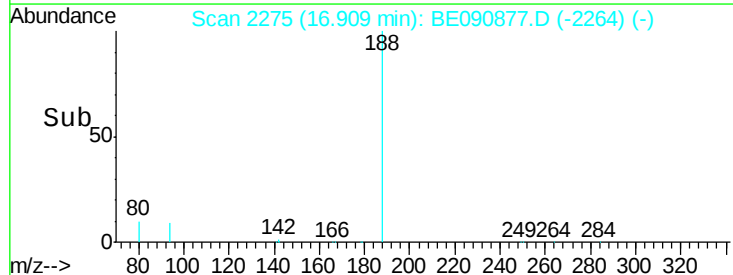
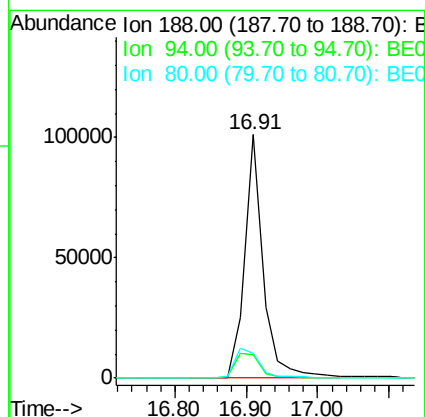
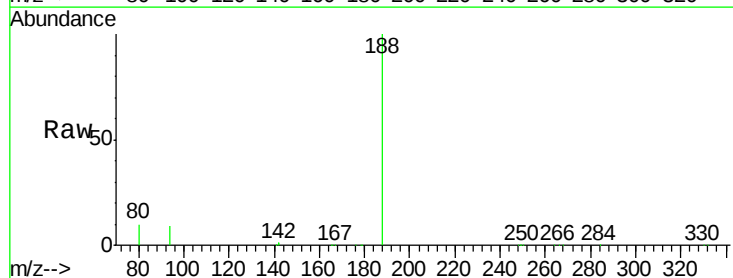
Instrument :
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Tot Ion:172 Resp: 76673
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.8
170 24.3 19.8 29.6



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BE090877.D
Acq: 17 Sep 2015 22:43

Tgt Ion:188 Resp: 180106
Ion Ratio Lower Upper
188 100
94 9.5 10.3 15.5#
80 10.2 11.0 16.6#





#20

Hexachlorobenzene

Concen: Below Cal

RT: 16.20 min Scan# 2234

Delta R.T. -0.03 min

Lab File: BE090877.D

Acq: 17 Sep 2015 22:43

Instrument :

BNA_E

ClientSampleId :

091515-P004-E-D-S

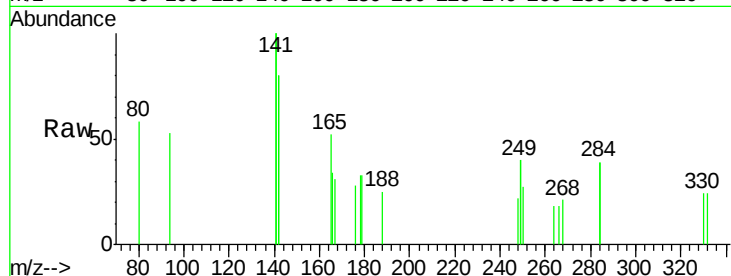
Tot Ion:284 Resp: 23

Ion Ratio Lower Upper

284 100

142 500.0 35.0 52.4#

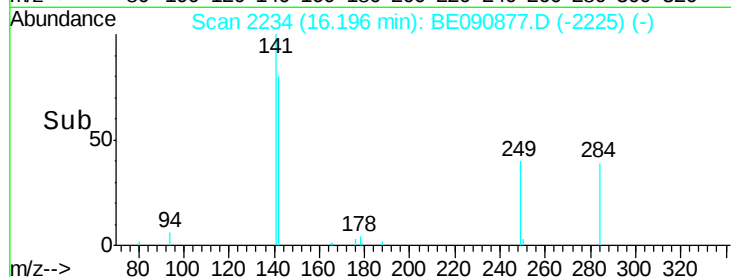
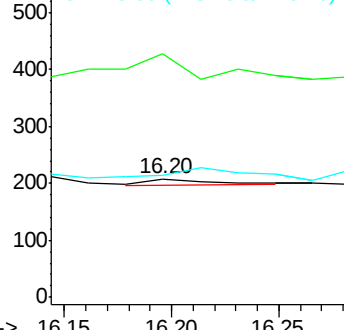
249 265.2 25.5 38.3#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#21

Pentachlorophenol

Concen: 0.47 ng

RT: 16.61 min Scan# 2258

Delta R.T. 0.02 min

Lab File: BE090877.D

Acq: 17 Sep 2015 22:43

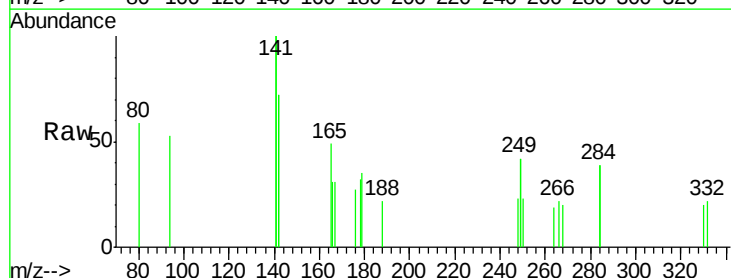
Tgt Ion:266 Resp: 21

Ion Ratio Lower Upper

266 100

268 92.9 49.6 74.4#

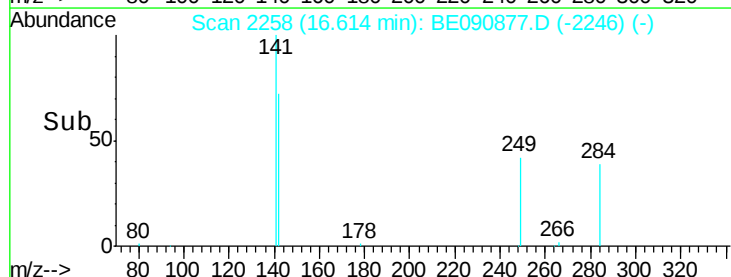
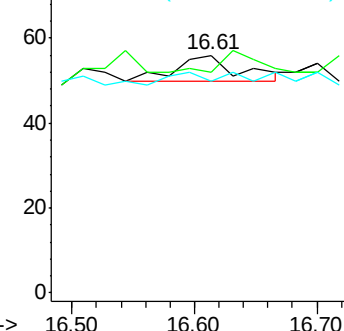
264 89.3 53.9 80.9#



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: 21.07 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BE090877.D

Acq: 17 Sep 2015 22:43

Instrument :

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ClientSampleId :

091515-P004-E-D-S

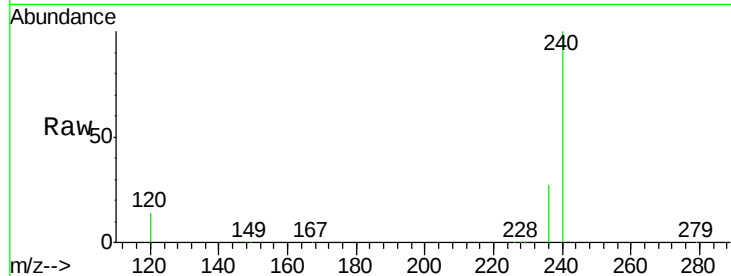
Tot Ion:240 Resp: 229234

Ion Ratio Lower Upper

240 100

120 13.7 10.1 15.1

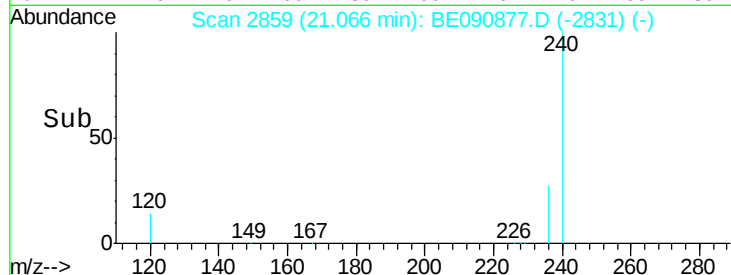
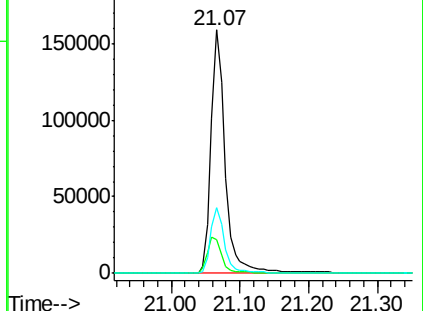
236 27.2 21.9 32.9



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: 5.58 ng

RT: 19.53 min Scan# 2608

Delta R.T. -0.01 min

Lab File: BE090877.D

Acq: 17 Sep 2015 22:43

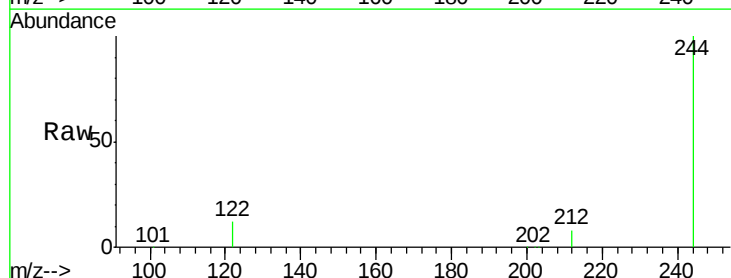
Tgt Ion:244 Resp: 141532

Ion Ratio Lower Upper

244 100

212 7.8 6.9 10.3

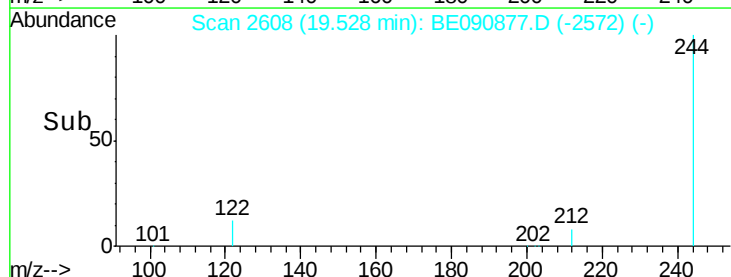
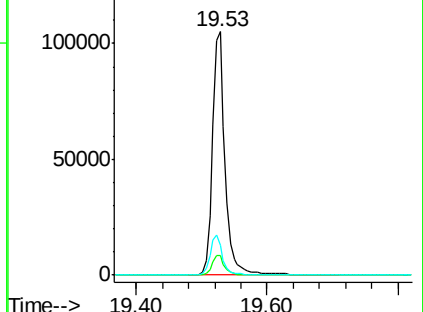
122 12.0 12.9 19.3#



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





#29

Chrysene

Concen: Below Cal

RT: 21.10 min Scan# 2864

Delta R.T. -0.01 min

Lab File: BE090877.D

Acq: 17 Sep 2015 22:43

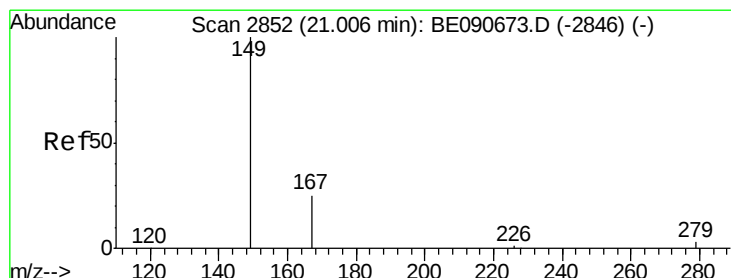
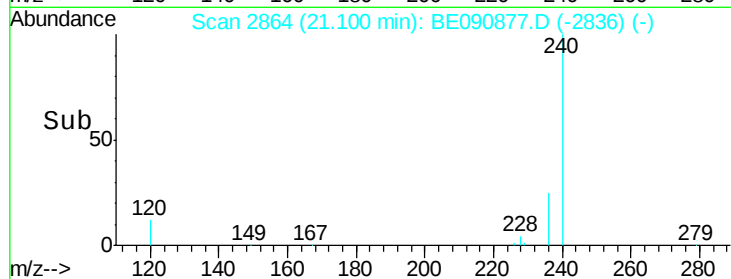
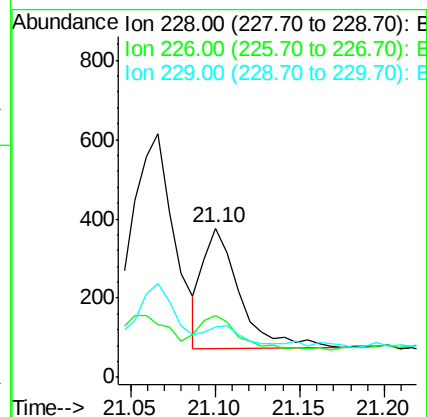
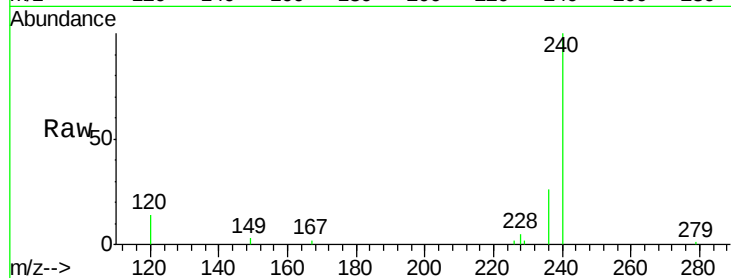
Instrument :

BNA_E

ClientSampleId :

091515-P004-E-D-S

Tot Ion:228	Resp:	461	
Ion Ratio	Lower	Upper	
228 100			
226 41.1	24.2	36.4#	
229 33.4	15.3	22.9#	



#30

Bis(2-ethylhexyl)phthalate

Concen: 0.12 ng

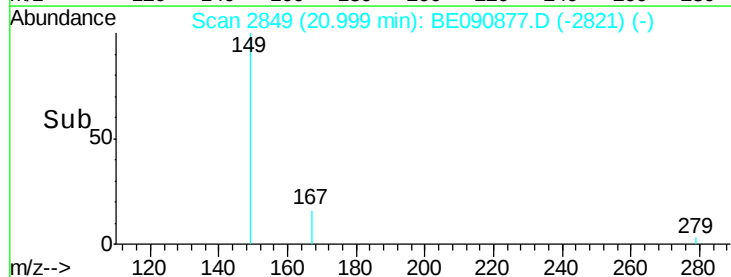
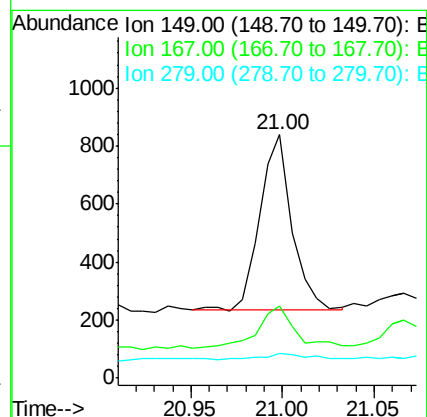
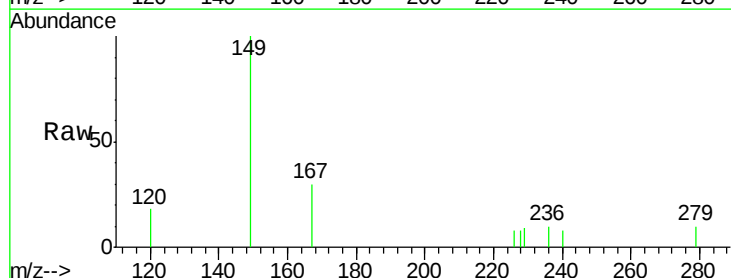
RT: 21.00 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BE090877.D

Acq: 17 Sep 2015 22:43

Tgt Ion:149	Resp:	742
Ion Ratio	Lower	Upper
149 100		
167 28.7	20.1	30.1
279 4.6	2.3	3.5#

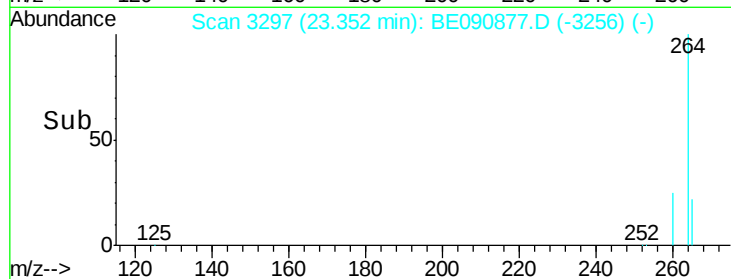
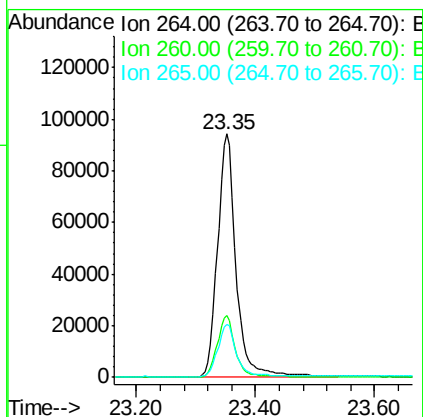




#32
Pervlene-d12
Concen: 5.00 ng
RT: 23.35 min Scan# 3297
Delta R.T. -0.01 min
Lab File: BE090877.D
Acq: 17 Sep 2015 22:43

Instrument :
BNA_E
ClientSampleId :
091515-P004-E-D-S

Tot Ion:264 Resp: 205451
Ion Ratio Lower Upper
264 100
260 25.2 19.7 29.5
265 22.0 17.5 26.3



#36
Dibenzo(a,h)anthracene
Concen: 0.14 ng
RT: 25.74 min Scan# 3818
Delta R.T. -0.01 min
Lab File: BE090877.D
Acq: 17 Sep 2015 22:43

Tgt Ion:278 Resp: 152
Ion Ratio Lower Upper
278 100
139 105.0 15.4 23.0#
279 81.2 18.8 28.2#

