

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE031916\
 Data File : BE097492.D
 Acq On : 18 Mar 2016 20:57
 Operator : UM/SJ
 Sample : H1808-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 19 00:00:23 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE031816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 18 14:14:30 2016
 Response via : Initial Calibration

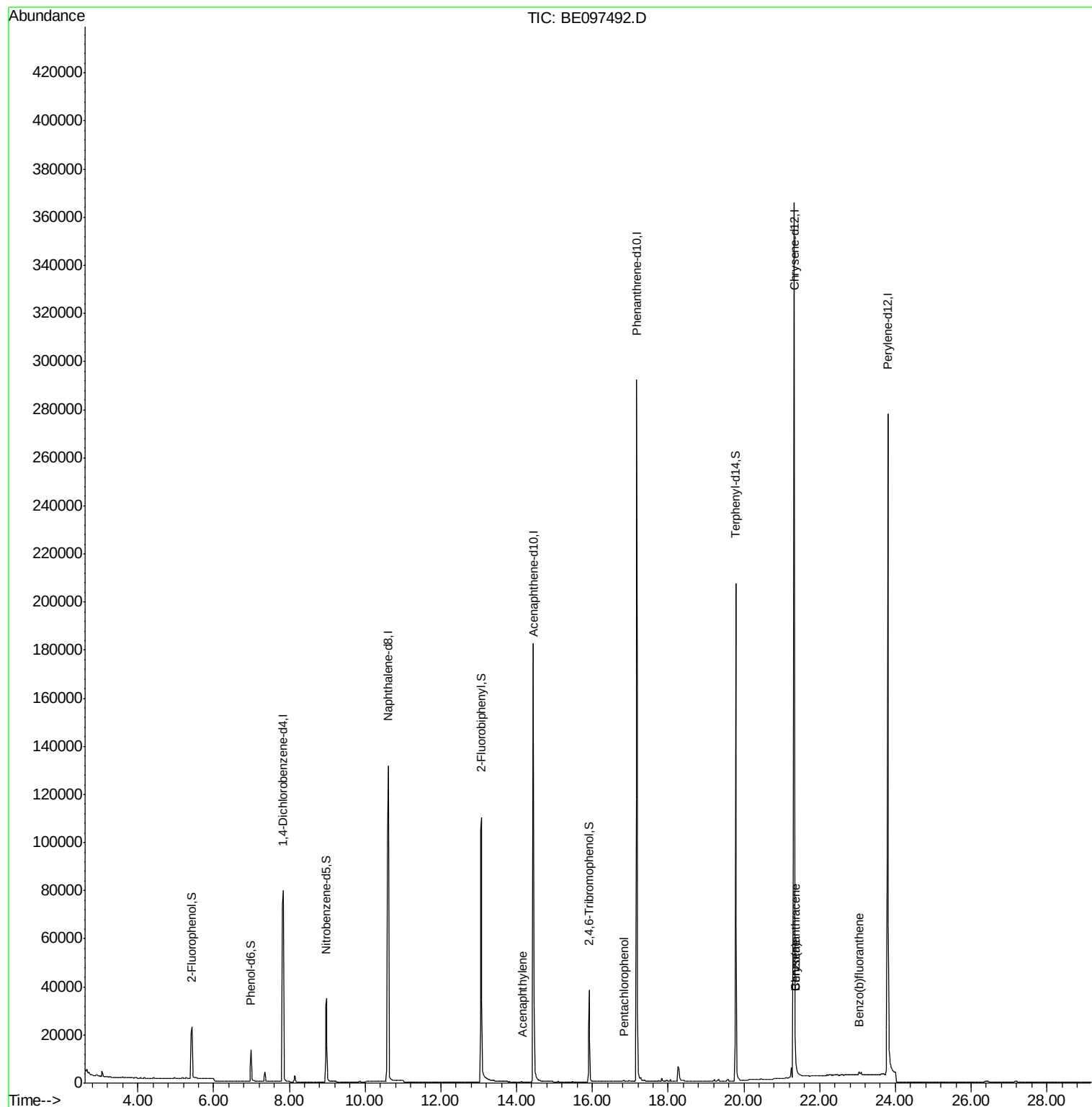
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	53087	5.00	ng	0.00
6) Naphthalene-d8	10.61	136	232587	5.00	ng	0.00
10) Acenaphthene-d10	14.45	164	139152	5.00	ng	0.00
16) Phenanthrene-d10	17.17	188	359738	5.00	ng	-0.01
22) Chrysene-d12	21.33	240	465830	5.00	ng	0.00
28) Perylene-d12	23.80	264	428161	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.43	112	23165	1.90	ng	0.00
5) Phenol-d6	6.99	99	16452	1.03	ng	0.00
7) Nitrobenzene-d5	8.98	82	35682	2.90	ng	0.00
11) 2,4,6-Tribromophenol	15.92	330	28591	5.65	ng	-0.01
12) 2-Fluorobiphenyl	13.07	172	135161	3.86	ng	0.00
24) Terphenyl-d14	19.78	244	275790	4.92	ng	-0.02
Target Compounds						
13) Acenaphthylene	14.15	152	156	0.14	ng	# 45
18) Pentachlorophenol	16.83	266	499	0.26	ng	# 86
25) Benzo(a)anthracene	21.36	228	6227	0.05	ng	92
26) Chrysene	21.36	228	6330	0.05	ng	# 86
29) Benzo(b)fluoranthene	23.03	252	2840	0.02	ng	# 43

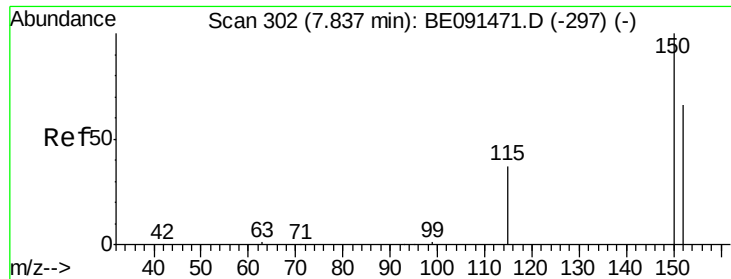
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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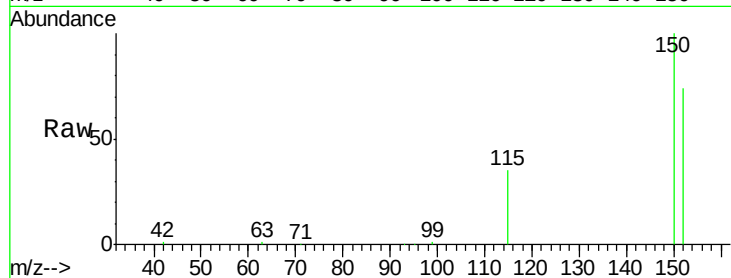




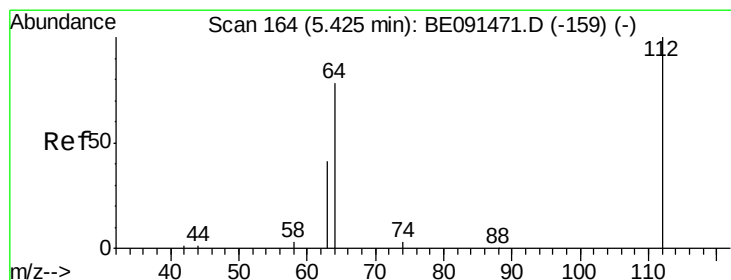
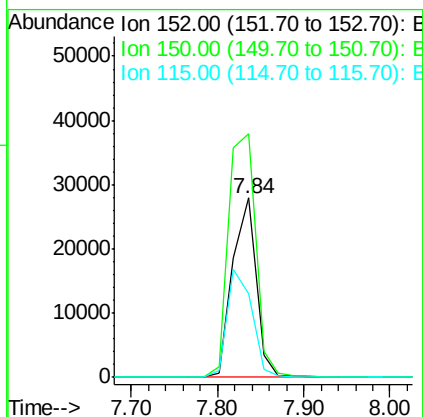
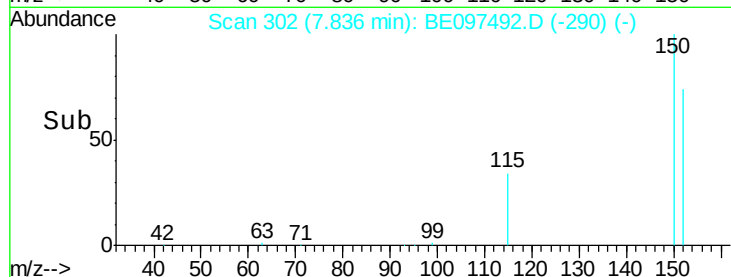
#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.84 min Scan# 302
 Delta R.T. -0.00 min
 Lab File: BE097492.D
 Acq: 18 Mar 2016 20:57

Instrument :
 BNA_E
 ClientSampled :

Tgt Ion:152 Resp: 53087
 Ion Ratio Lower Upper
 152 100
 150 136.0 122.2 183.2
 115 47.0 45.9 68.9

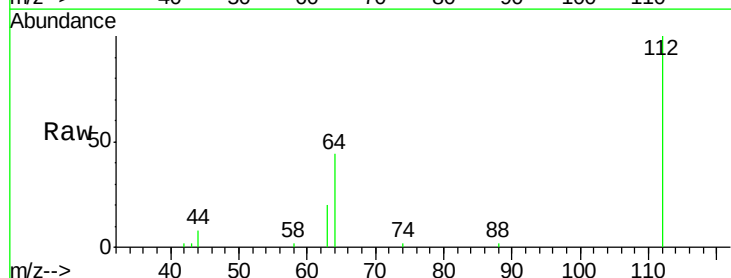


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

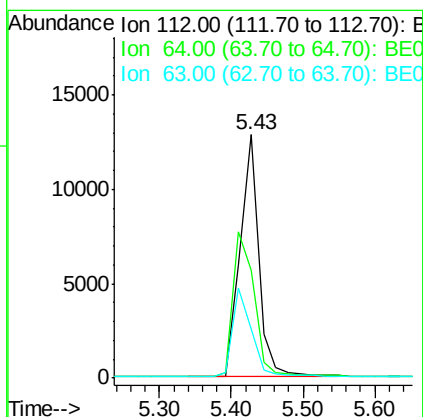
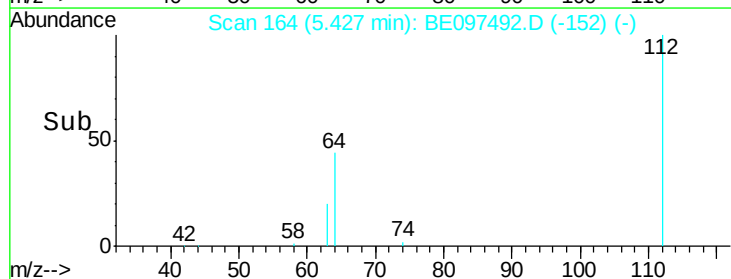


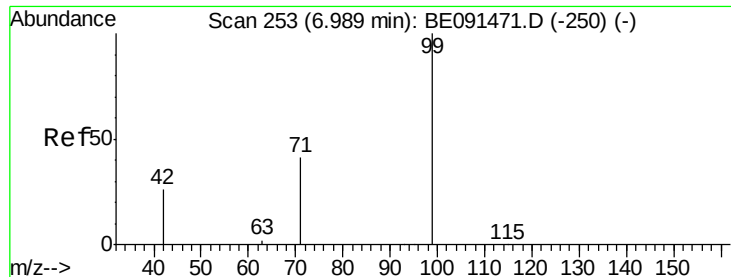
#4
 2-Fluorophenol
 Concen: 1.90 ng
 RT: 5.43 min Scan# 164
 Delta R.T. 0.00 min
 Lab File: BE097492.D
 Acq: 18 Mar 2016 20:57

Tgt Ion:112 Resp: 23165
 Ion Ratio Lower Upper
 112 100
 64 67.3 53.3 79.9
 63 36.8 29.8 44.8



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: 1.03 ng

RT: 6.99 min Scan# 253

Delta R.T. -0.00 min

Lab File: BE097492.D

Acq: 18 Mar 2016 20:57

Instrument :

BNA_E

ClientSampleId :

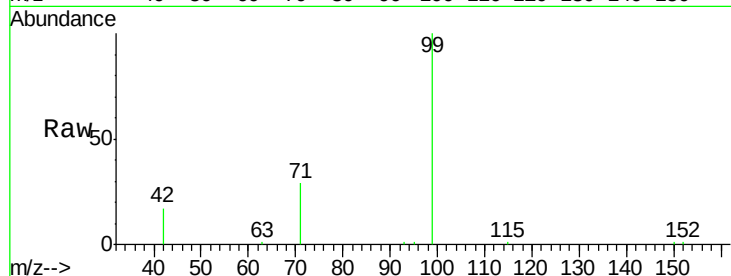
Tgt Ion: 99 Resp: 16452

Ion Ratio Lower Upper

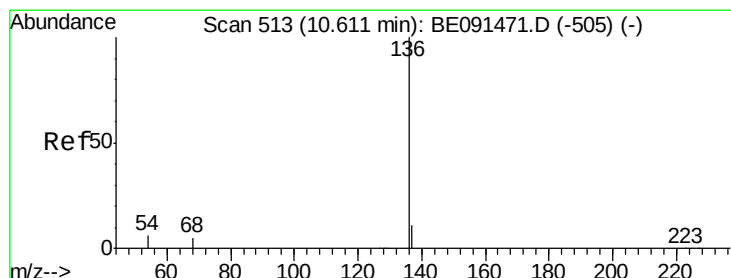
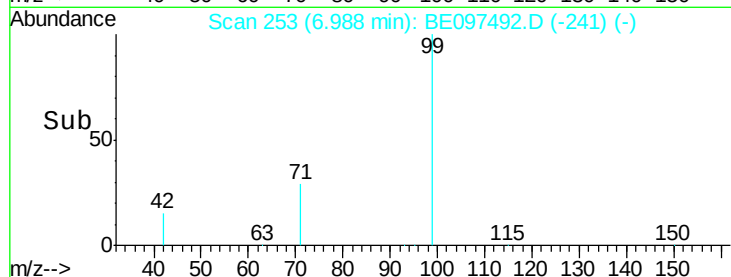
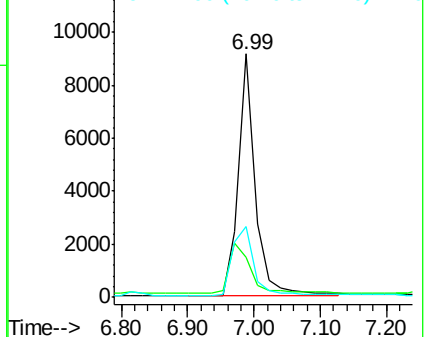
99 100

42 25.2 20.6 30.8

71 36.0 29.0 43.4



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: 10.61 min Scan# 513

Delta R.T. -0.00 min

Lab File: BE097492.D

Acq: 18 Mar 2016 20:57

Tgt Ion: 136 Resp: 232587

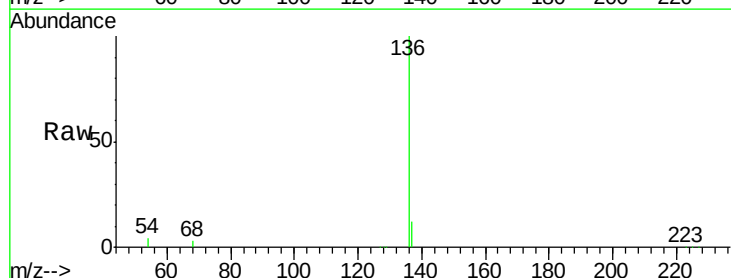
Ion Ratio Lower Upper

136 100

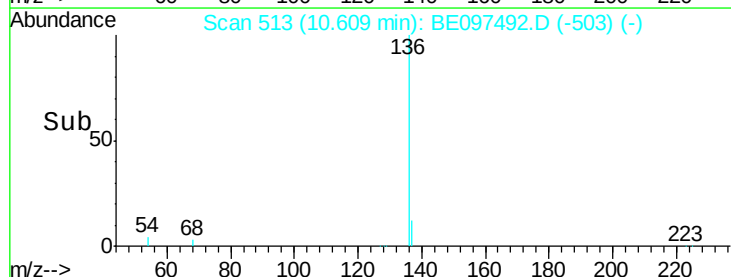
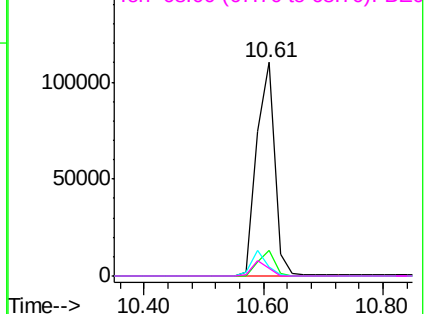
137 11.9 8.8 13.2

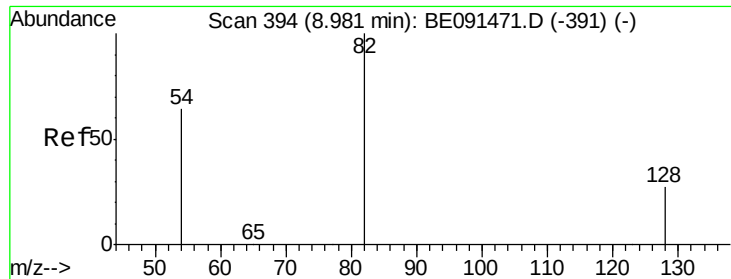
54 4.1 5.2 7.8#

68 3.4 4.1 6.1#



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: 2.90 ng

RT: 8.98 min Scan# 394

Delta R.T. 0.00 min

Lab File: BE097492.D

Acq: 18 Mar 2016 20:57

Instrument :

BNA_E

ClientSampleId :

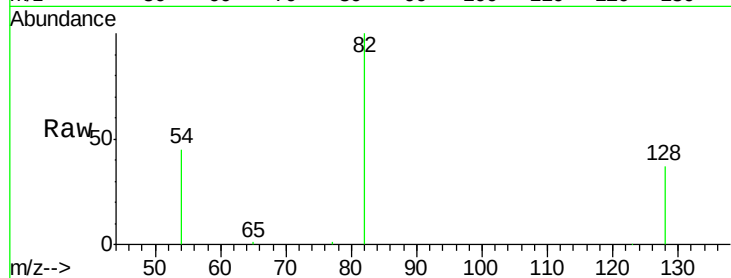
Tgt Ion: 82 Resp: 35682

Ion Ratio Lower Upper

82 100

128 37.2 23.5 35.3#

54 45.4 52.4 78.6#

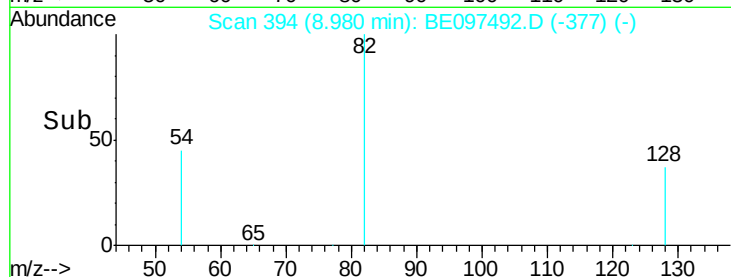


Abundance Ion 82.00 (81.70 to 82.70): BE091471.D (-391) (-)

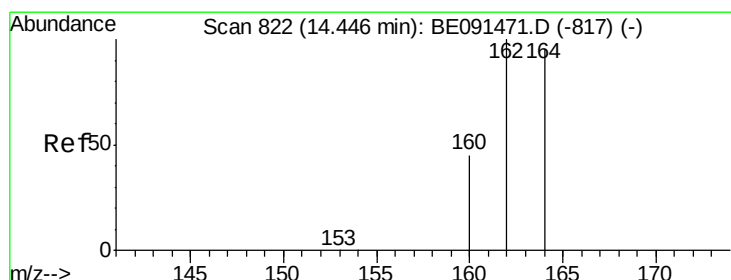
Ion 128.00 (127.70 to 128.70): BE091471.D (-391) (-)

Ion 54.00 (53.70 to 54.70): BE091471.D (-391) (-)

Time-->



Time-->



#10

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.45 min Scan# 822

Delta R.T. 0.00 min

Lab File: BE097492.D

Acq: 18 Mar 2016 20:57

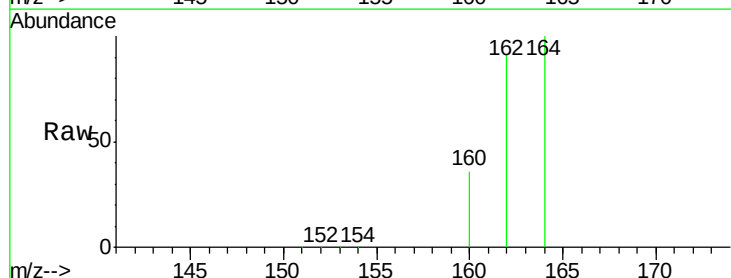
Tgt Ion: 164 Resp: 139152

Ion Ratio Lower Upper

164 100

162 90.9 84.4 126.6

160 36.3 37.7 56.5#

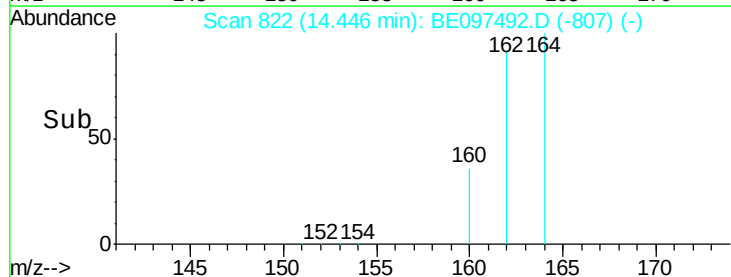


Abundance Ion 164.00 (163.70 to 164.70): BE091471.D (-817) (-)

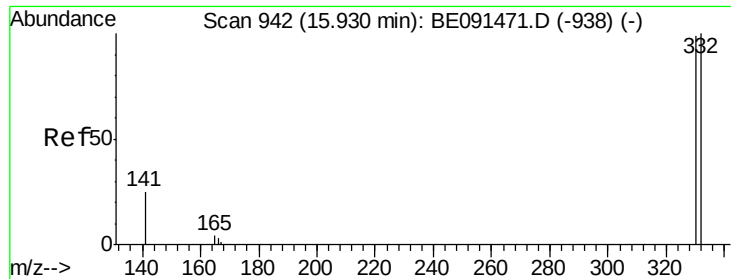
Ion 162.00 (161.70 to 162.70): BE091471.D (-817) (-)

Ion 160.00 (159.70 to 160.70): BE091471.D (-817) (-)

Time-->



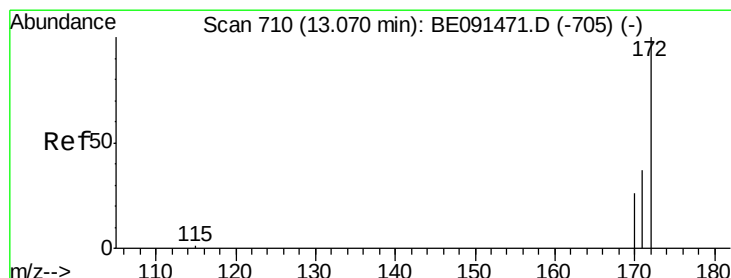
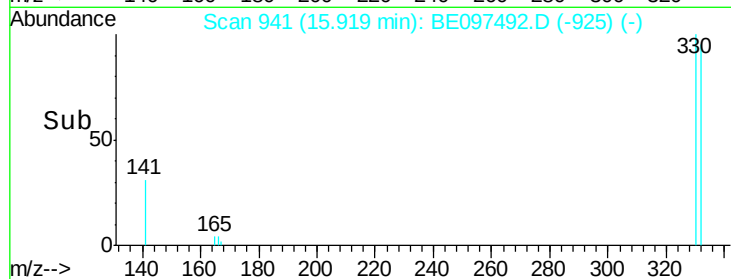
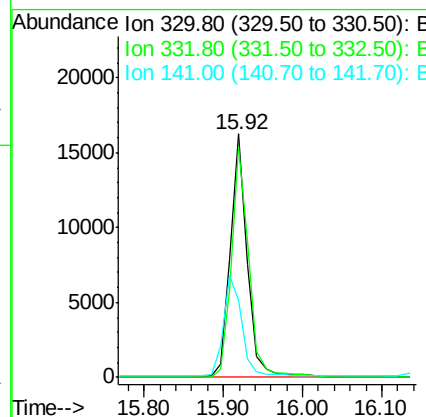
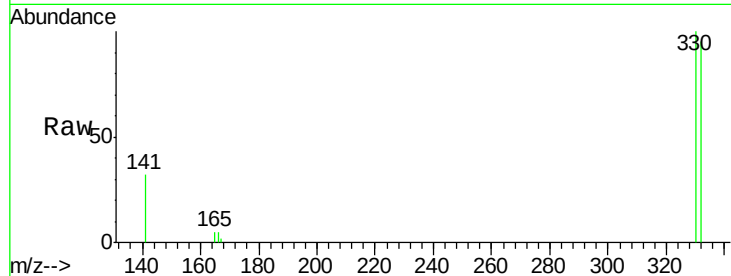
Time-->



#11
 2,4,6-Tribromophenol
 Concen: 5.65 ng
 RT: 15.92 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: BE097492.D
 Acq: 18 Mar 2016 20:57

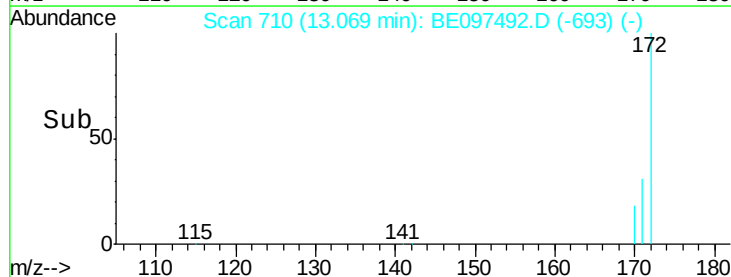
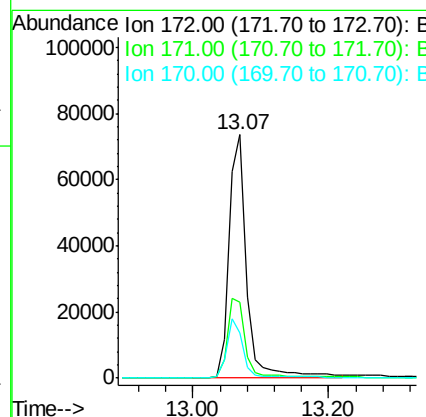
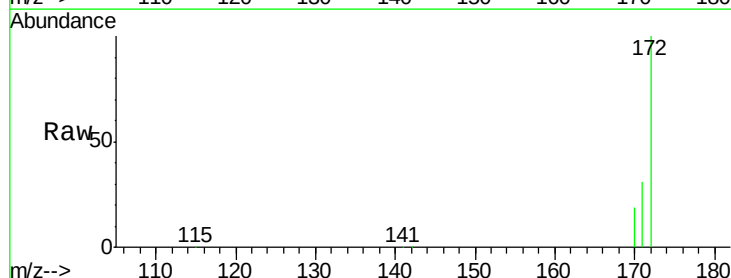
Instrument :
 BNA_E
 ClientSampleId :

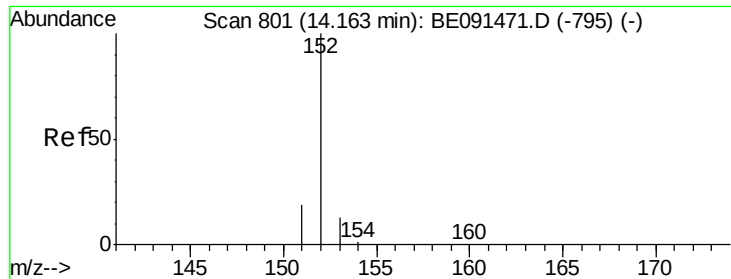
Tgt Ion:330 Resp: 28591
 Ion Ratio Lower Upper
 330 100
 332 97.3 79.2 118.8
 141 44.6 28.1 42.1#



#12
 2-Fluorobiphenyl
 Concen: 3.86 ng
 RT: 13.07 min Scan# 710
 Delta R.T. -0.00 min
 Lab File: BE097492.D
 Acq: 18 Mar 2016 20:57

Tgt Ion:172 Resp: 135161
 Ion Ratio Lower Upper
 172 100
 171 31.0 29.8 44.8
 170 18.6 21.4 32.2#





#13

Acenaphthylene

Concen: 0.14 ng

RT: 14.15 min Scan# 800

Delta R.T. -0.01 min

Lab File: BE097492.D

Acq: 18 Mar 2016 20:57

Instrument :

BNA_E

ClientSampleId :

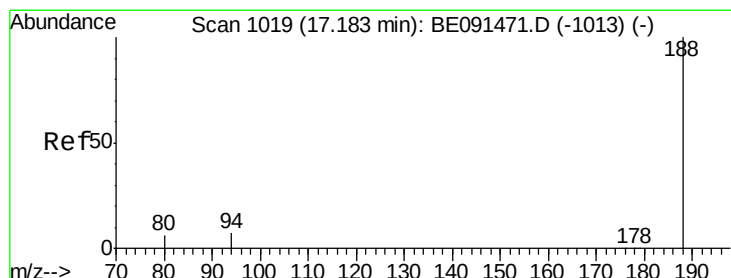
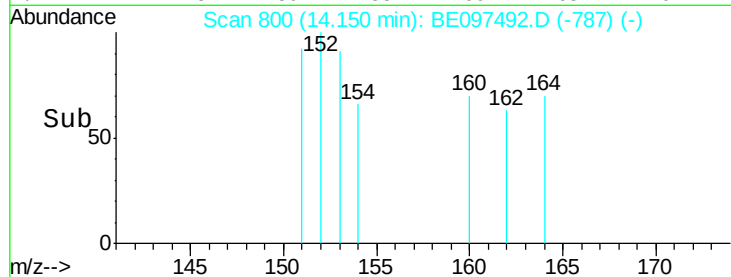
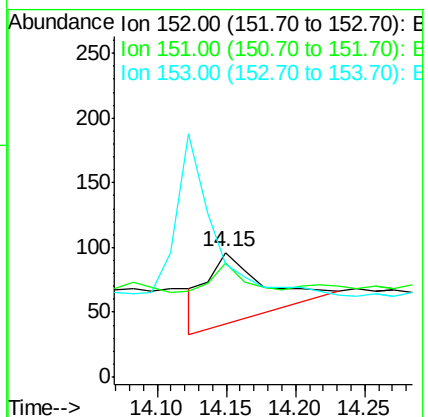
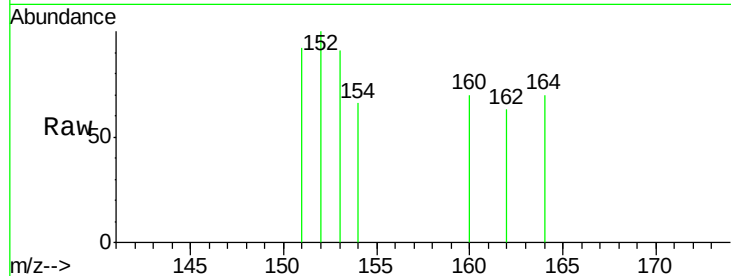
Tgt Ion:152 Resp: 156

Ion Ratio Lower Upper

152 100

151 52.6 16.3 24.5#

153 0.0 11.1 16.7#



#16

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.17 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BE097492.D

Acq: 18 Mar 2016 20:57

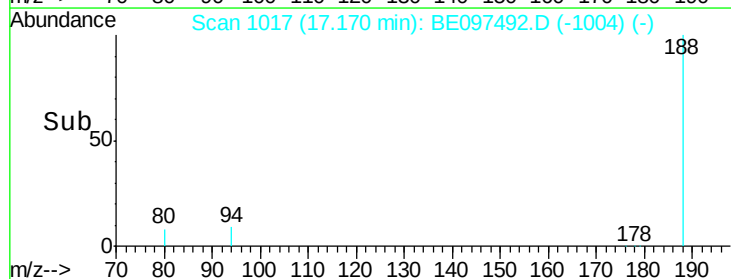
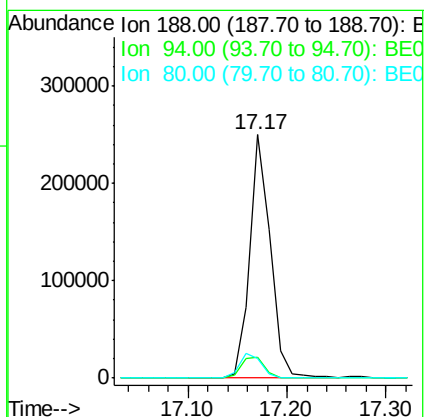
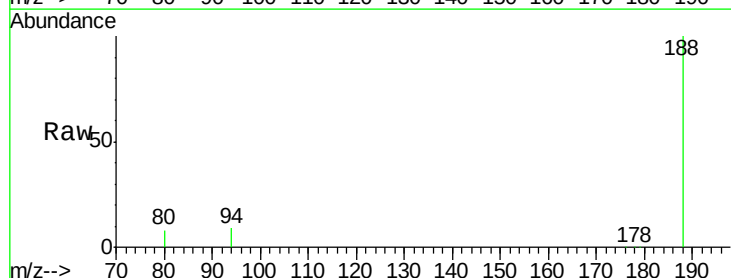
Tgt Ion:188 Resp: 359738

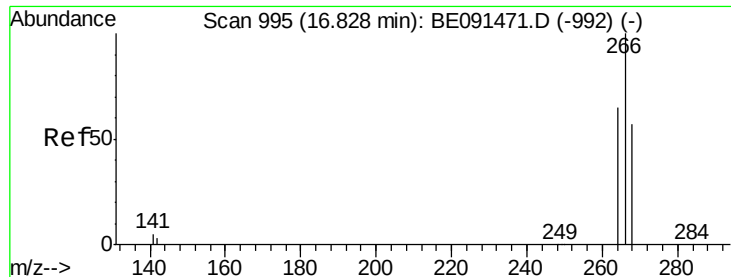
Ion Ratio Lower Upper

188 100

94 8.5 5.4 8.2#

80 8.2 5.0 7.4#

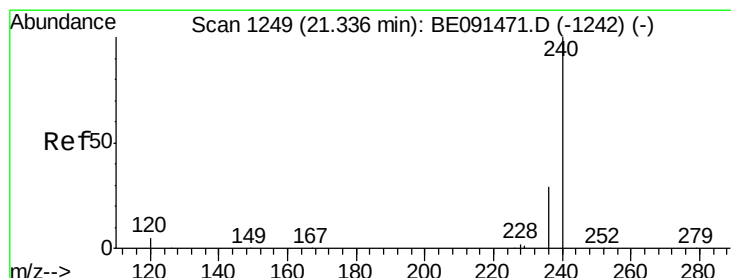
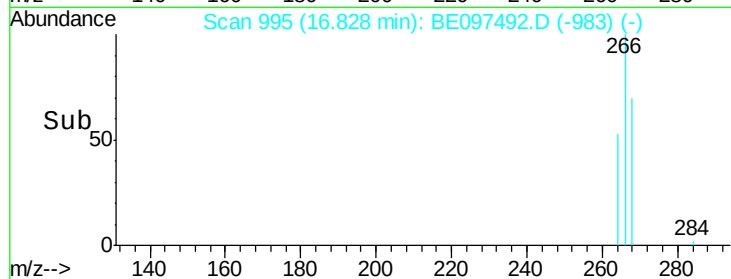
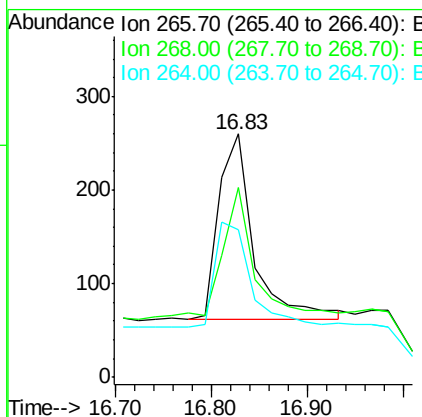
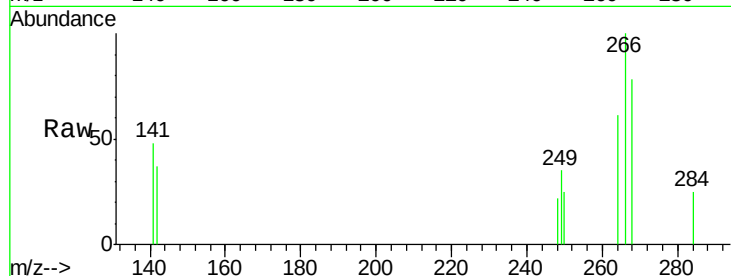




#18
 Pentachlorophenol
 Concen: 0.26 ng
 RT: 16.83 min Scan# 995
 Delta R.T. 0.00 min
 Lab File: BE097492.D
 Acq: 18 Mar 2016 20:57

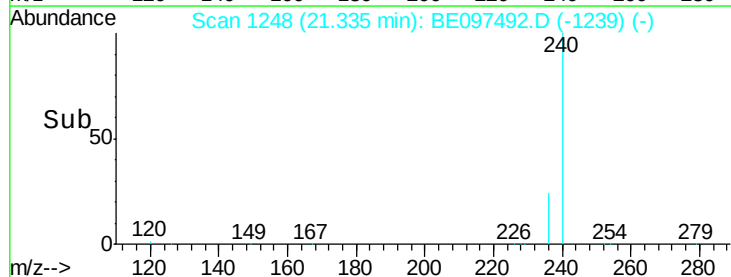
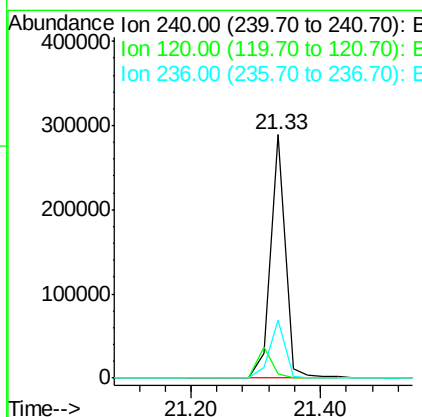
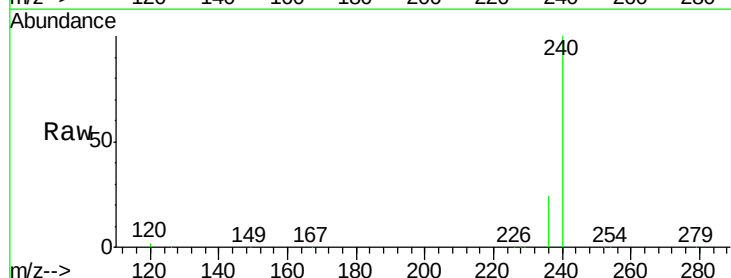
Instrument :
 BNA_E
 ClientSampleId :

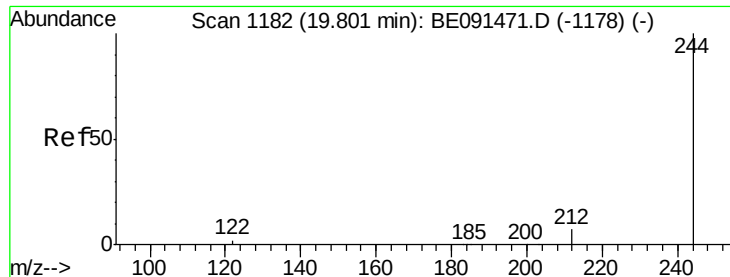
Tgt Ion: 266 Resp: 499
 Ion Ratio Lower Upper
 266 100
 268 78.1 48.2 72.2#
 264 60.8 52.1 78.1



#22
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.33 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: BE097492.D
 Acq: 18 Mar 2016 20:57

Tgt Ion: 240 Resp: 465830
 Ion Ratio Lower Upper
 240 100
 120 1.6 4.0 6.0#
 236 23.9 23.0 34.4





#24

Terphenyl-d14

Concen: 4.92 ng

RT: 19.78 min Scan# 1180

Delta R.T. -0.02 min

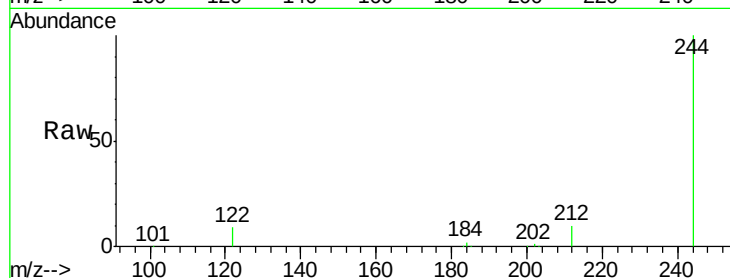
Lab File: BE097492.D

Acq: 18 Mar 2016 20:57

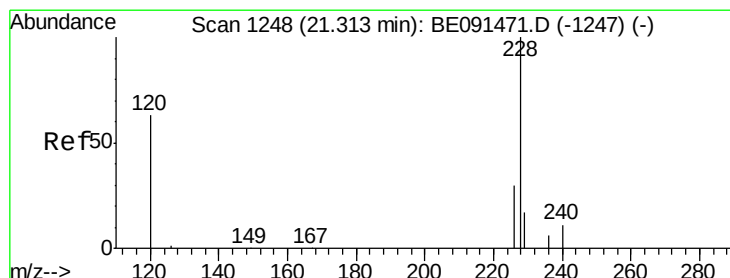
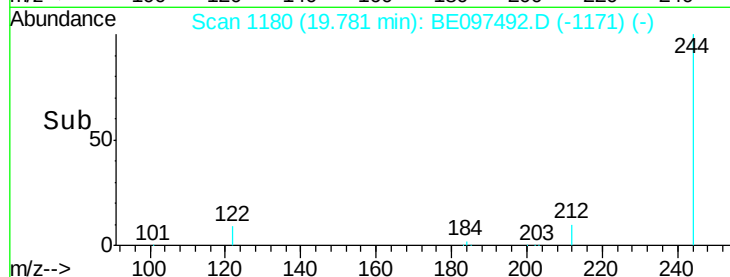
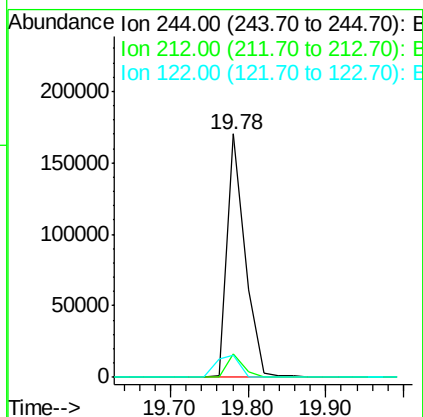
Instrument :

BNA_E

ClientSampled :



Tgt Ion:	244	Resp:	275790
Ion Ratio	Lower	Upper	
244	100		
212	9.6	5.8	8.8#
122	8.8	1.8	2.8#



#25

Benzo(a)anthracene

Concen: 0.05 ng

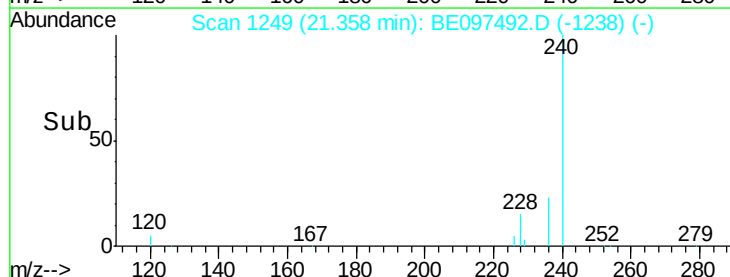
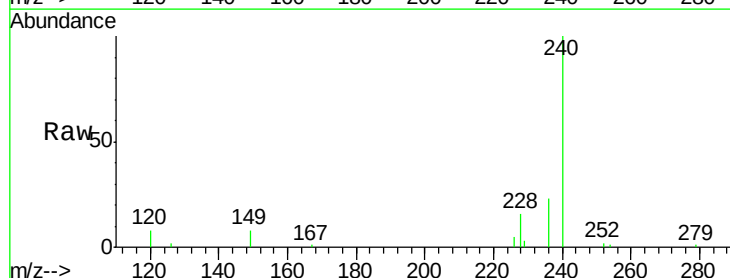
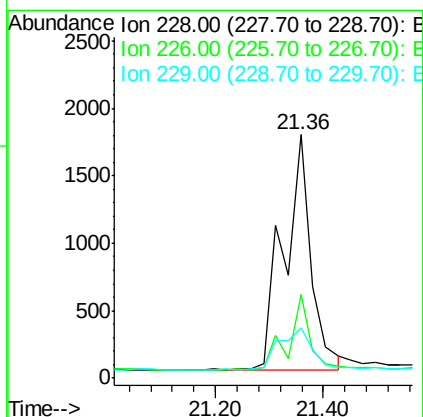
RT: 21.36 min Scan# 1249

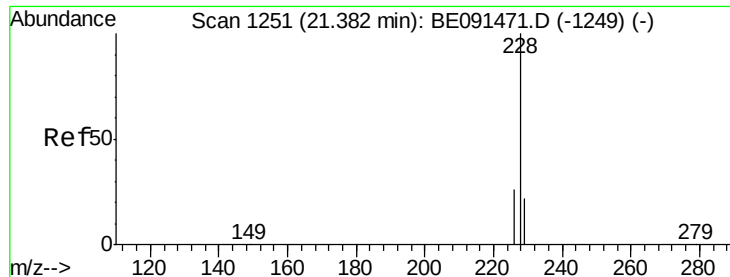
Delta R.T. 0.05 min

Lab File: BE097492.D

Acq: 18 Mar 2016 20:57

Tgt Ion:	228	Resp:	6227
Ion Ratio	Lower	Upper	
228	100		
226	34.6	24.0	36.0
229	20.6	13.8	20.6

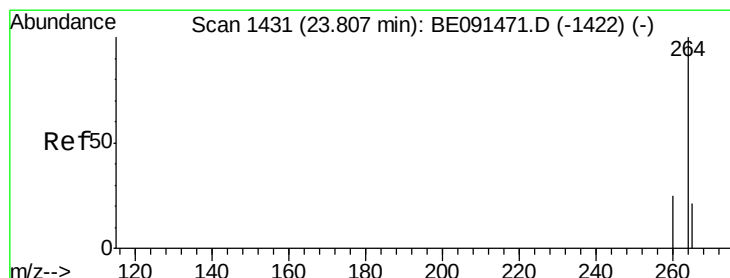
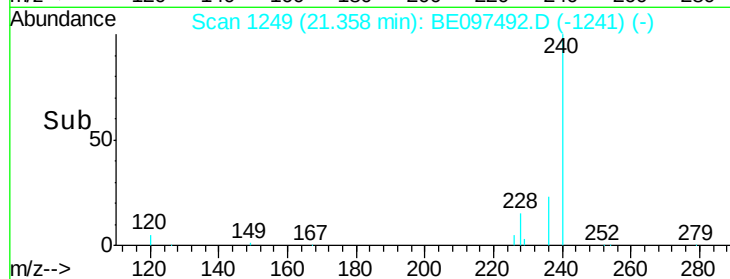
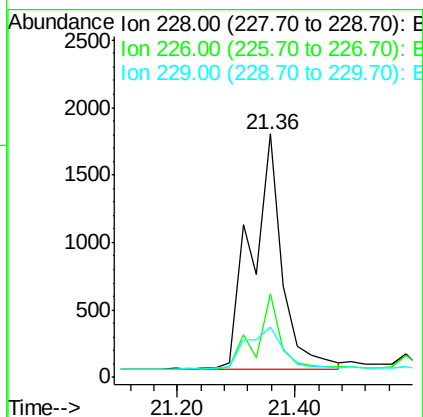
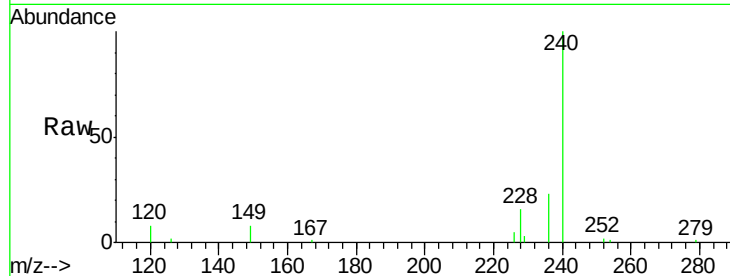




#26
Chrysene
Concen: 0.05 ng
RT: 21.36 min Scan# 1249
Delta R.T. -0.02 min
Lab File: BE097492.D
Acq: 18 Mar 2016 20:57

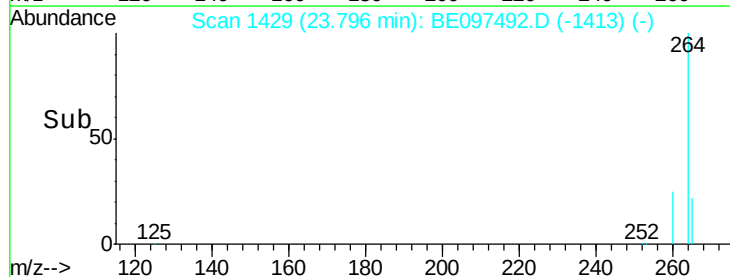
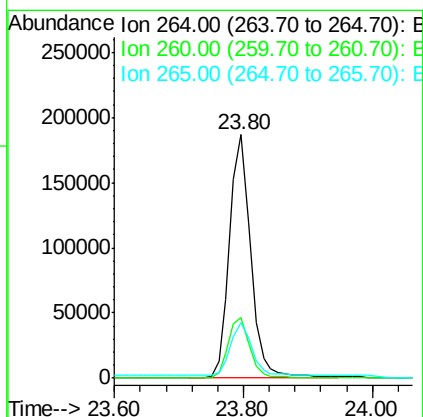
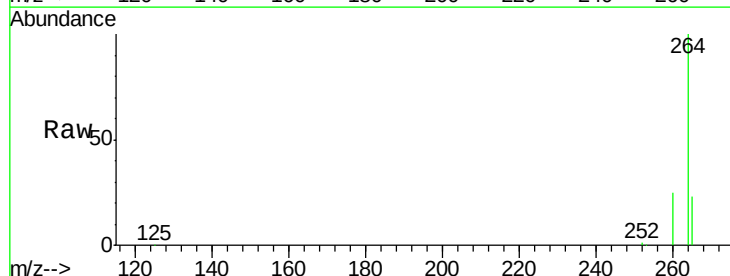
Instrument :
BNA_E
ClientSampleId :

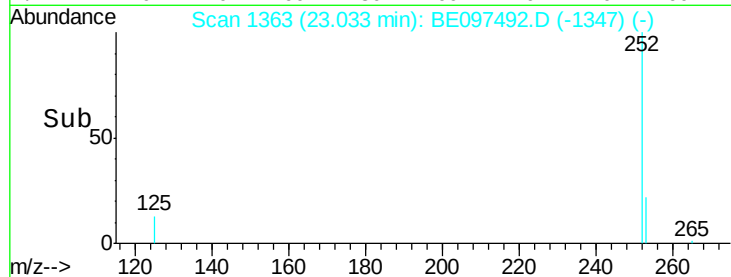
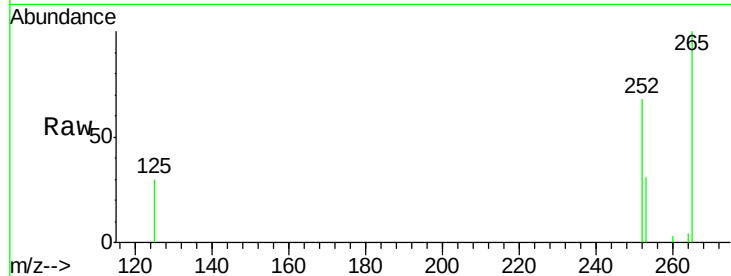
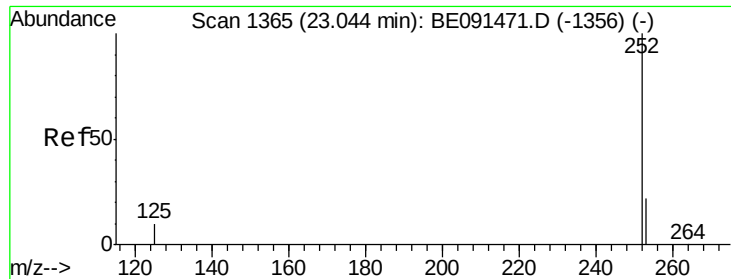
Tgt Ion:228 Resp: 6330
Ion Ratio Lower Upper
228 100
226 34.6 18.9 28.3#
229 20.6 19.1 28.7



#28
Perylene-d12
Concen: 5.00 ng
RT: 23.80 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BE097492.D
Acq: 18 Mar 2016 20:57

Tgt Ion:264 Resp: 428161
Ion Ratio Lower Upper
264 100
260 24.9 20.1 30.1
265 22.9 18.3 27.5





#29

Benzo(b)fluoranthene

Concen: 0.02 ng

RT: 23.03 min Scan# 1363

Delta R.T. -0.01 min

Lab File: BE097492.D

Acq: 18 Mar 2016 20:57

Instrument :

BNA_E

ClientSampleId :

Tgt Ion: 252 Resp: 2840

Ion Ratio Lower Upper

252 100

253 44.8 18.7 28.1#

125 44.3 9.8 14.6#

