

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE032816\
 Data File : BE091547.D
 Acq On : 28 Mar 2016 21:02
 Operator : UM/SJ
 Sample : H1855-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 TW-1

Quant Time: Mar 29 01:07:41 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE032516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 25 19:00:32 2016
 Response via : Initial Calibration

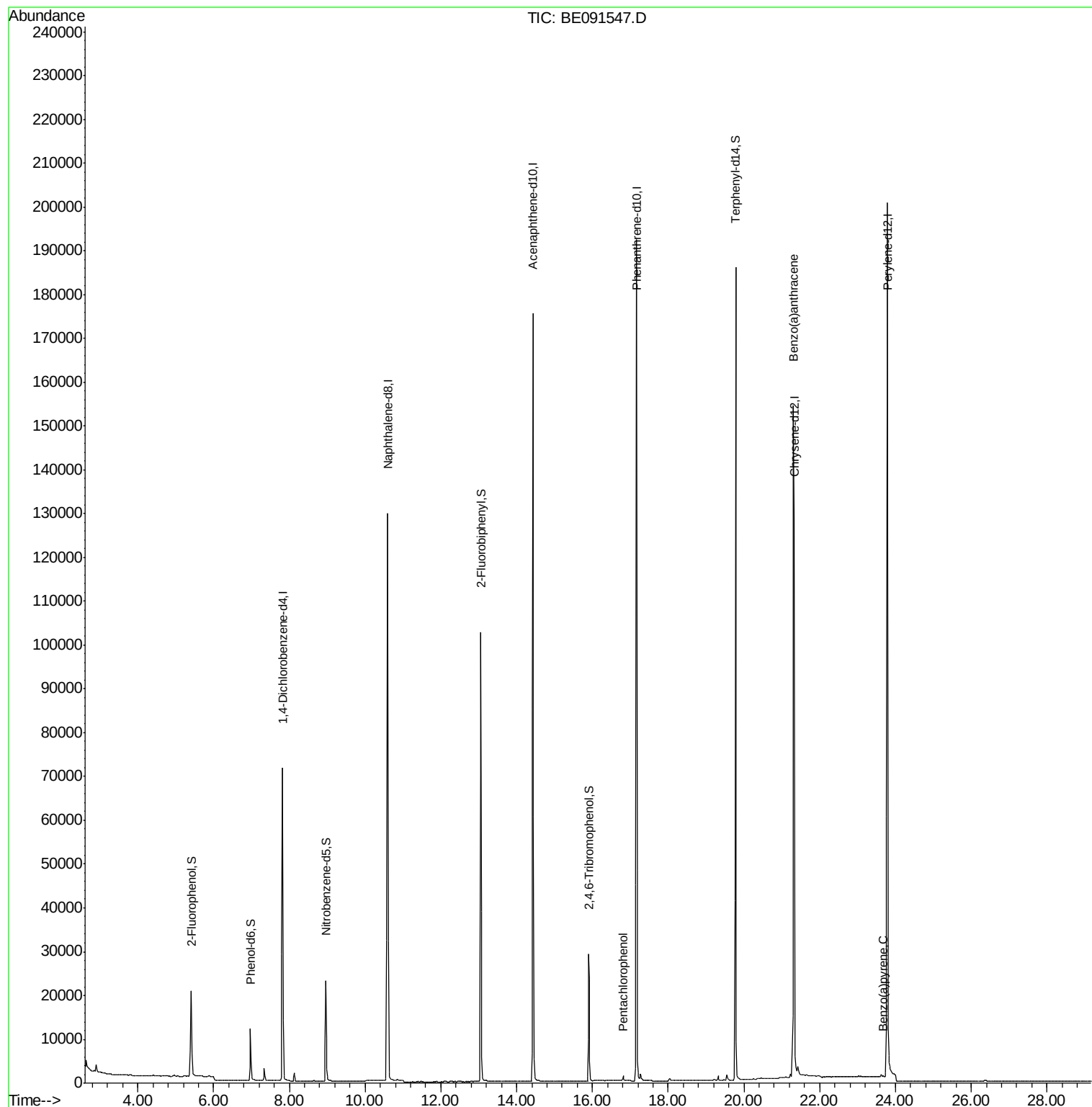
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	36878	5.00	ng	0.00
6) Naphthalene-d8	10.59	136	179418	5.00	ng	0.00
10) Acenaphthene-d10	14.43	164	105833	5.00	ng	-0.01
16) Phenanthrene-d10	17.17	188	276412	5.00	ng	0.00
22) Chrysene-d12	21.34	240	281870	5.00	ng	0.00
28) Perylene-d12	23.78	264	291263	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	16184	2.25	ng	-0.01
5) Phenol-d6	6.97	99	13552	1.38	ng	-0.02
7) Nitrobenzene-d5	8.97	82	23944	3.07	ng	-0.01
11) 2,4,6-Tribromophenol	15.91	330	21830	12.13	ng	-0.01
12) 2-Fluorobiphenyl	13.06	172	101738	3.41	ng	-0.01
24) Terphenyl-d14	19.78	244	220159	4.75	ng	0.00
Target Compounds						Qvalue
18) Pentachlorophenol	16.81	266	876	0.43	ng	94
25) Benzo(a)anthracene	21.31	228	1455	0.02	ng	# 75
31) Benzo(a)pyrene	23.67	252	207	0.21	ng	# 1

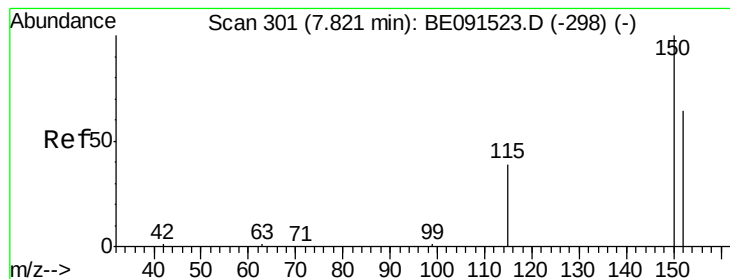
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.82 min Scan# 301

Delta R.T. 0.00 min

Lab File: BE091547.D

Acq: 28 Mar 2016 21:02

Instrument :

BNA_E

ClientSampleId :

TW-1

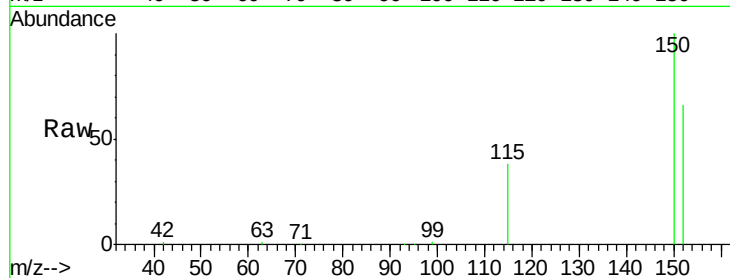
Tgt Ion:152 Resp: 36878

Ion Ratio Lower Upper

152 100

150 150.7 122.2 183.2

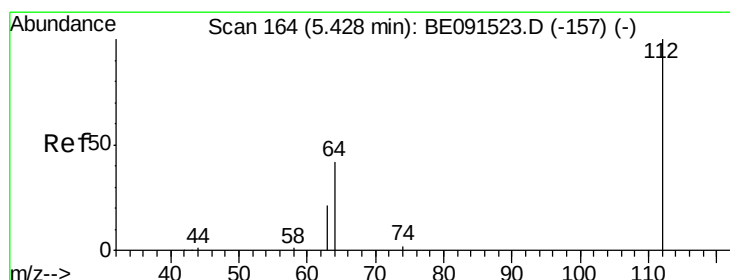
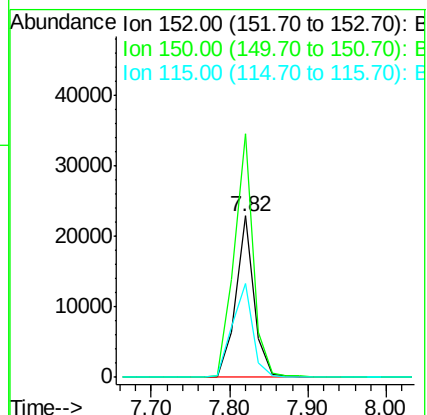
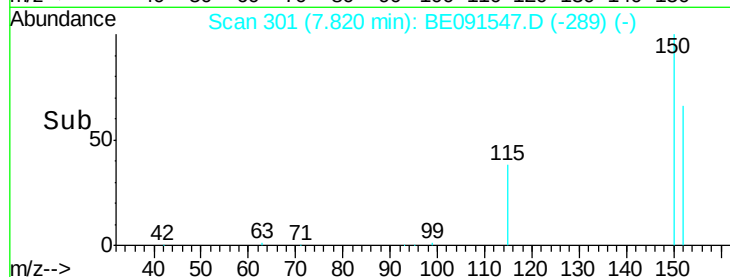
115 57.8 45.9 68.9



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: 2.25 ng

RT: 5.41 min Scan# 163

Delta R.T. -0.01 min

Lab File: BE091547.D

Acq: 28 Mar 2016 21:02

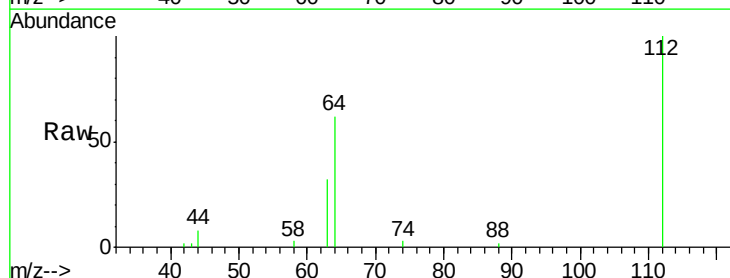
Tgt Ion:112 Resp: 16184

Ion Ratio Lower Upper

112 100

64 66.8 53.3 79.9

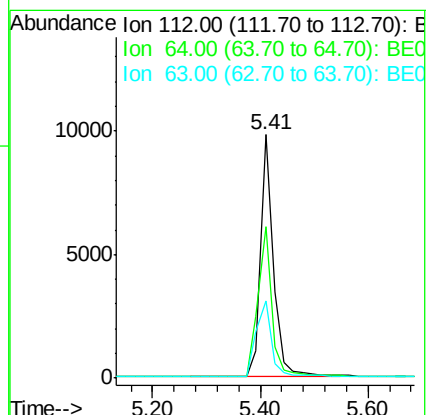
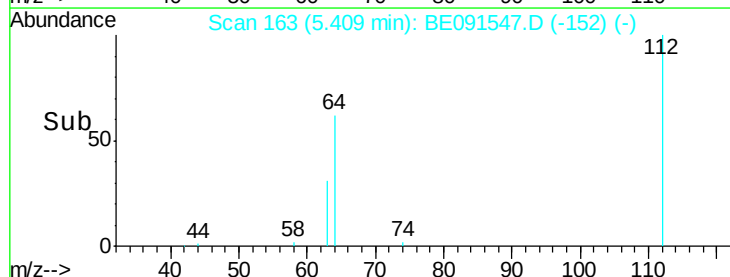
63 37.5 29.8 44.8

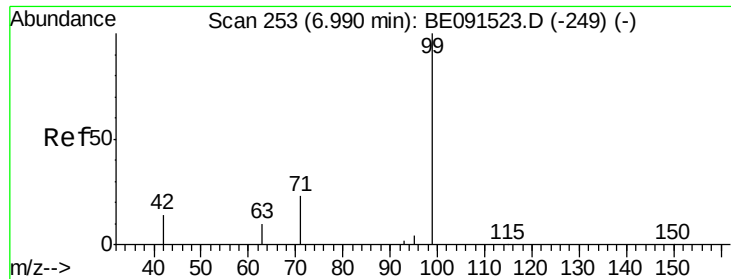


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 1.38 ng

RT: 6.97 min Scan# 252

Delta R.T. -0.02 min

Lab File: BE091547.D

Acq: 28 Mar 2016 21:02

Instrument :

BNA_E

ClientSampleId :

TW-1

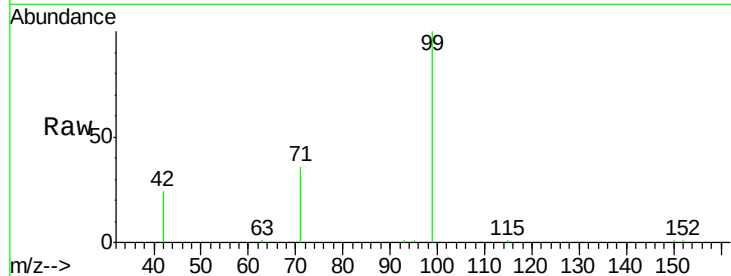
Tgt Ion: 99 Resp: 13552

Ion Ratio Lower Upper

99 100

42 27.1 20.6 30.8

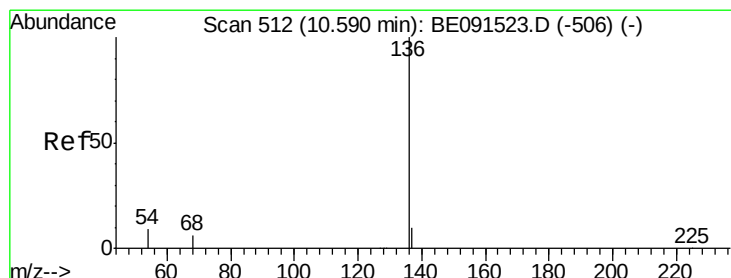
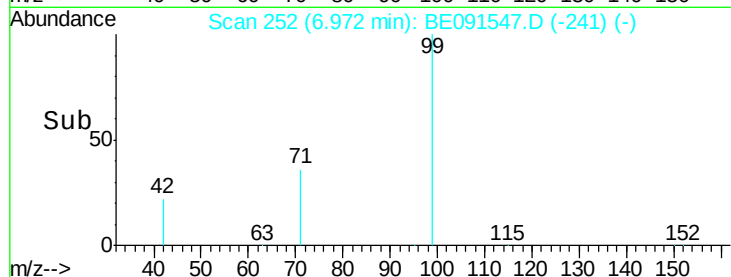
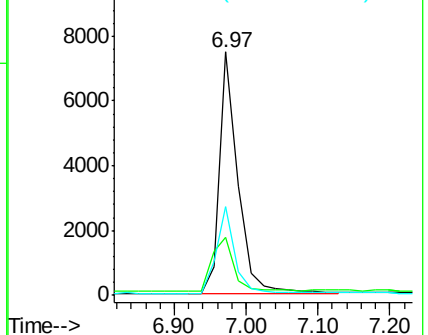
71 36.4 29.0 43.4



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: 10.59 min Scan# 512

Delta R.T. -0.00 min

Lab File: BE091547.D

Acq: 28 Mar 2016 21:02

Tgt Ion: 136 Resp: 179418

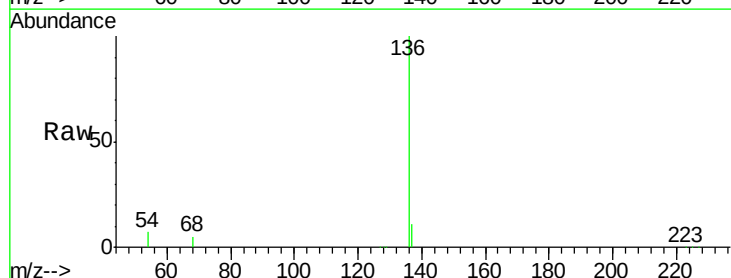
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 7.2 5.2 7.8

68 5.2 4.1 6.1

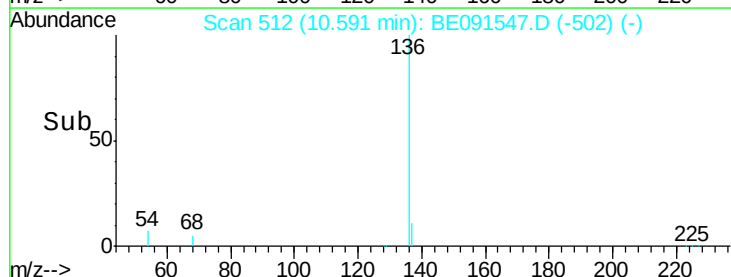
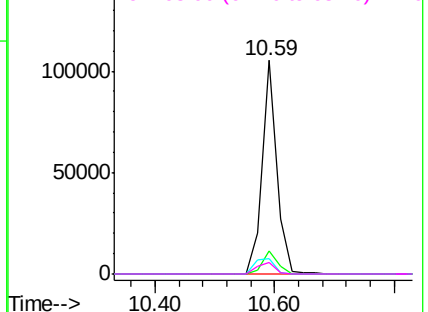


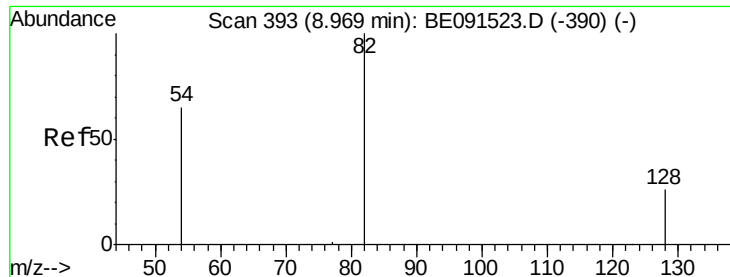
Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.07 ng

RT: 8.97 min Scan# 393

Delta R.T. -0.01 min

Lab File: BE091547.D

Acq: 28 Mar 2016 21:02

Instrument :

BNA_E

ClientSampled :

TW-1

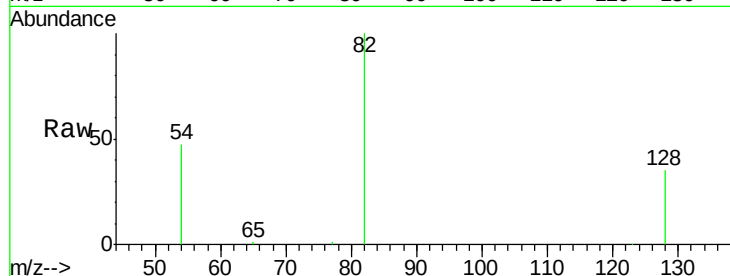
Tgt Ion: 82 Resp: 23944

Ion Ratio Lower Upper

82 100

128 35.4 23.5 35.3#

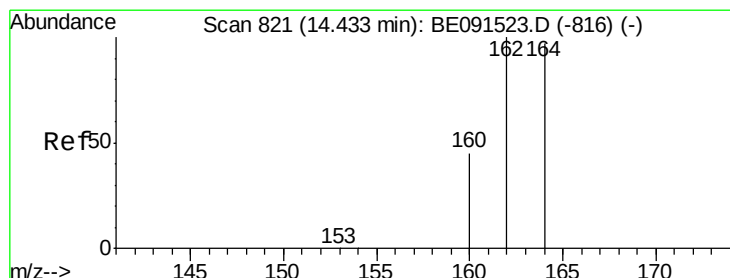
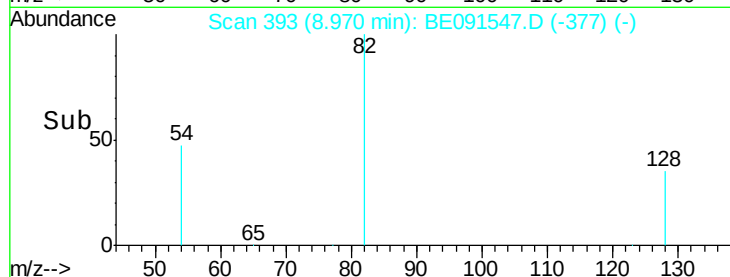
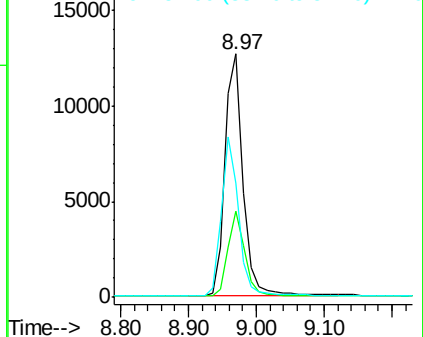
54 46.9 52.4 78.6#



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#10

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.43 min Scan# 821

Delta R.T. -0.01 min

Lab File: BE091547.D

Acq: 28 Mar 2016 21:02

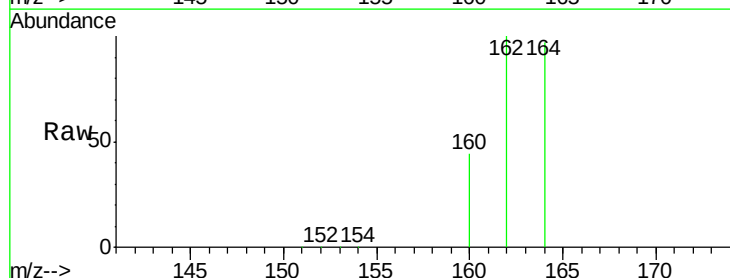
Tgt Ion: 164 Resp: 105833

Ion Ratio Lower Upper

164 100

162 102.8 84.4 126.6

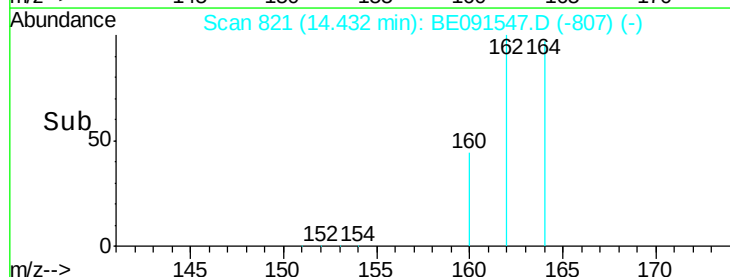
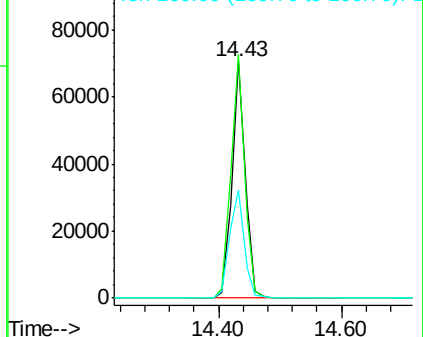
160 45.5 37.7 56.5

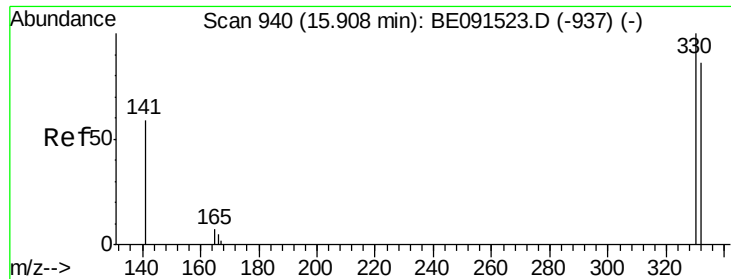


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

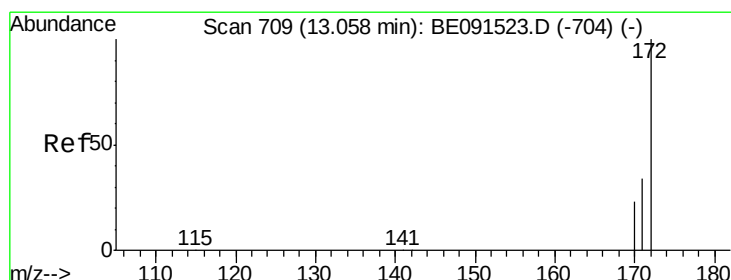
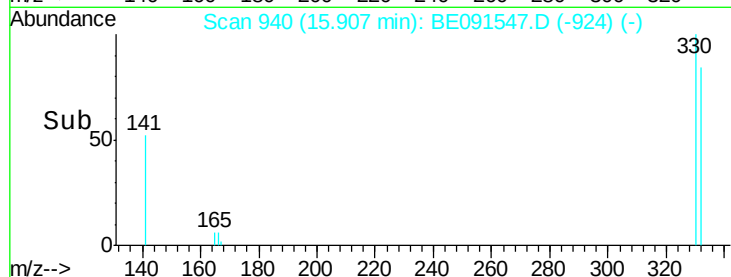
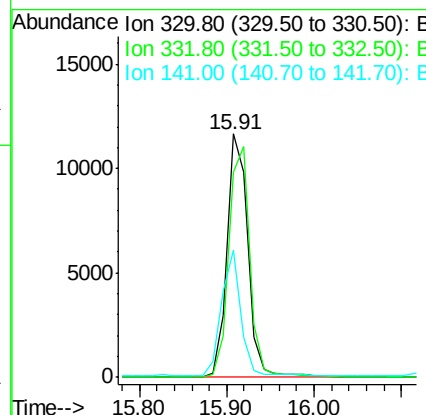
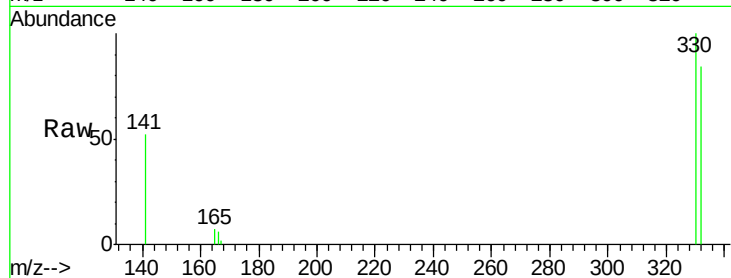




#11
 2,4,6-Tribromophenol
 Concen: 12.13 ng
 RT: 15.91 min Scan# 940
 Delta R.T. -0.01 min
 Lab File: BE091547.D
 Acq: 28 Mar 2016 21:02

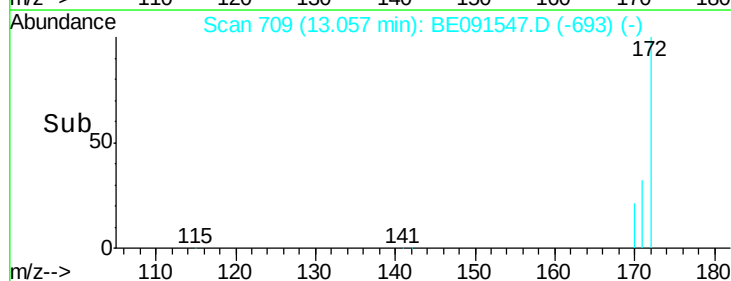
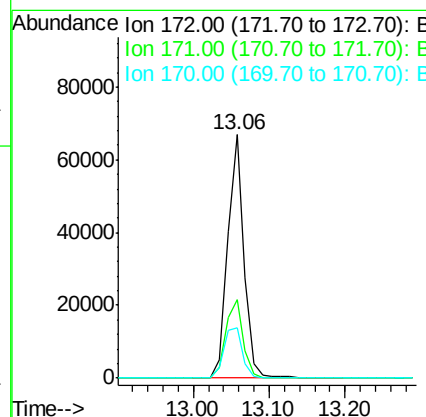
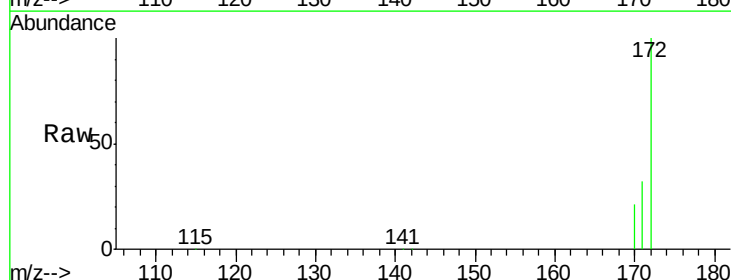
Instrument :
 BNA_E
 ClientSampleId :
 TW-1

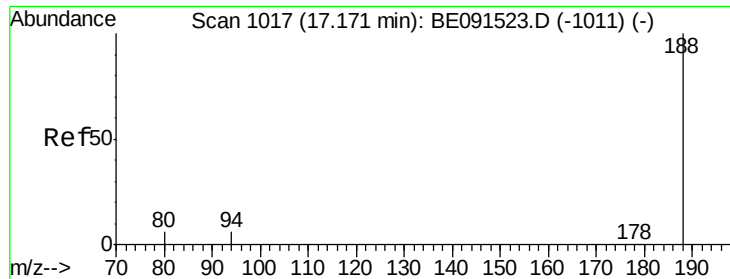
Tgt Ion:330 Resp: 21830
 Ion Ratio Lower Upper
 330 100
 332 96.4 79.2 118.8
 141 47.4 28.1 42.1#



#12
 2-Fluorobiphenyl
 Concen: 3.41 ng
 RT: 13.06 min Scan# 709
 Delta R.T. -0.01 min
 Lab File: BE091547.D
 Acq: 28 Mar 2016 21:02

Tgt Ion:172 Resp: 101738
 Ion Ratio Lower Upper
 172 100
 171 32.4 29.8 44.8
 170 20.7 21.4 32.2#

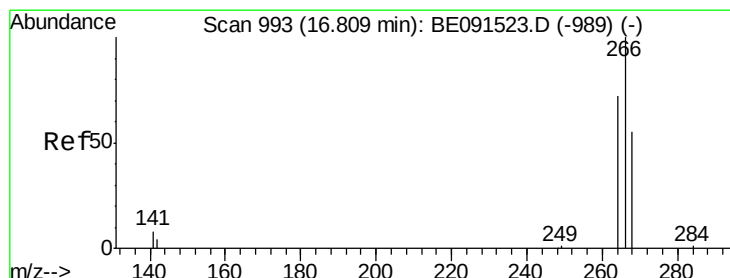
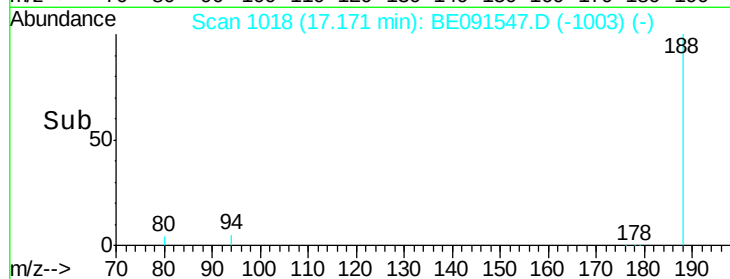
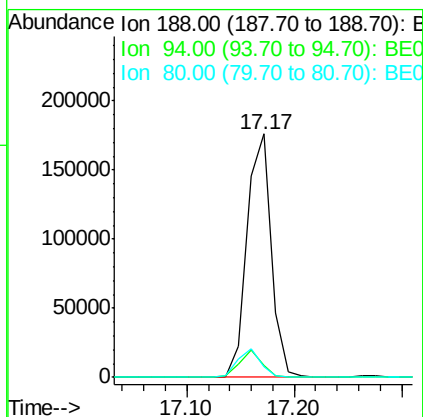
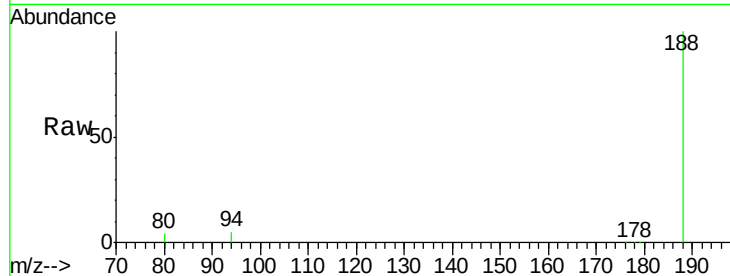




#16
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.17 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BE091547.D
Acq: 28 Mar 2016 21:02

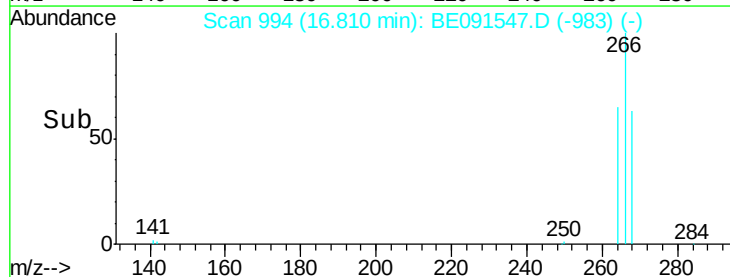
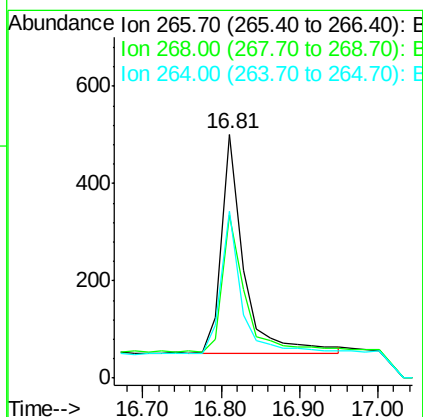
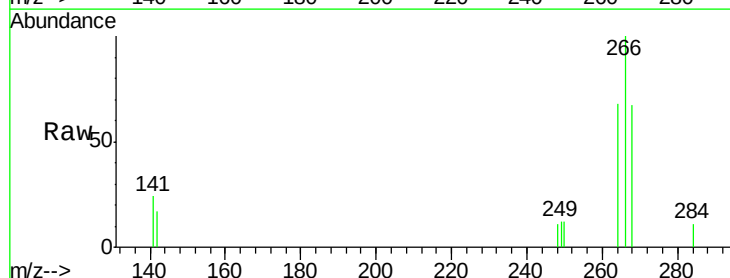
Instrument :
BNA_E
ClientSampled :
TW-1

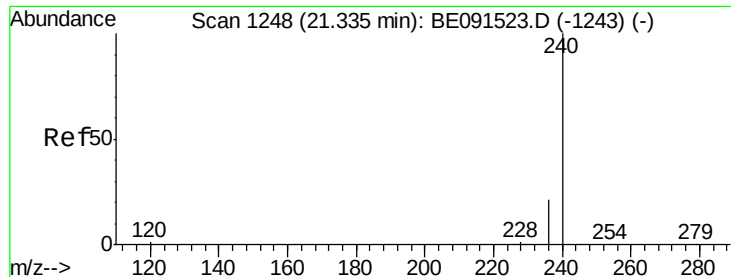
Tgt Ion:188 Resp: 276412
Ion Ratio Lower Upper
188 100
94 4.9 5.4 8.2#
80 4.2 5.0 7.4#



#18
Pentachlorophenol
Concen: 0.43 ng
RT: 16.81 min Scan# 994
Delta R.T. -0.02 min
Lab File: BE091547.D
Acq: 28 Mar 2016 21:02

Tgt Ion:266 Resp: 876
Ion Ratio Lower Upper
266 100
268 66.7 48.2 72.2
264 68.5 52.1 78.1





#22

Chrysene-d12

Concen: 5.00 ng

RT: 21.34 min Scan# 1249

Delta R.T. -0.00 min

Lab File: BE091547.D

Acq: 28 Mar 2016 21:02

Instrument :

BNA_E

ClientSampleId :

TW-1

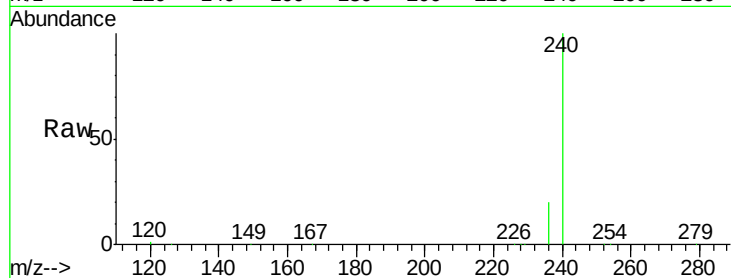
Tgt Ion:240 Resp: 281870

Ion Ratio Lower Upper

240 100

120 1.3 4.0 6.0#

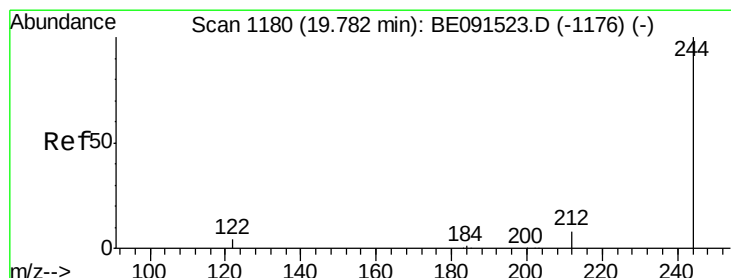
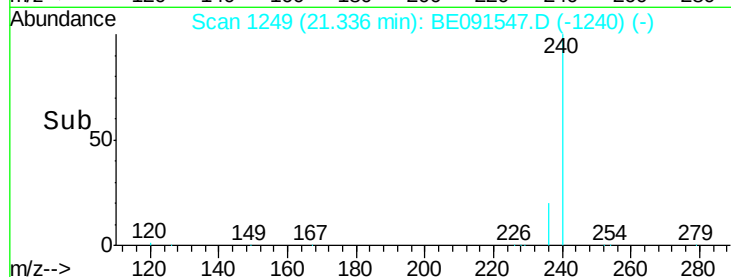
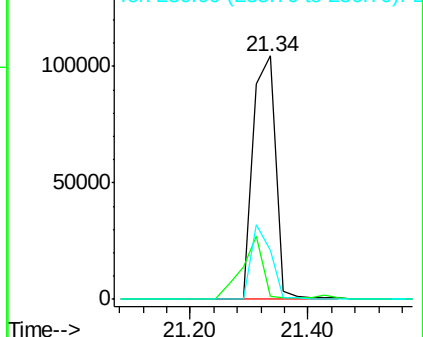
236 20.2 23.0 34.4#



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



#24

Terphenyl-d14

Concen: 4.75 ng

RT: 19.78 min Scan# 1181

Delta R.T. 0.00 min

Lab File: BE091547.D

Acq: 28 Mar 2016 21:02

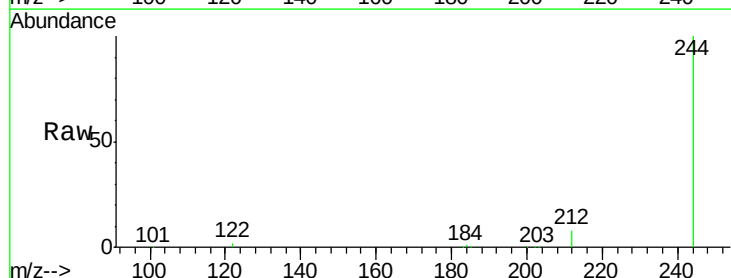
Tgt Ion:244 Resp: 220159

Ion Ratio Lower Upper

244 100

212 8.0 5.8 8.8

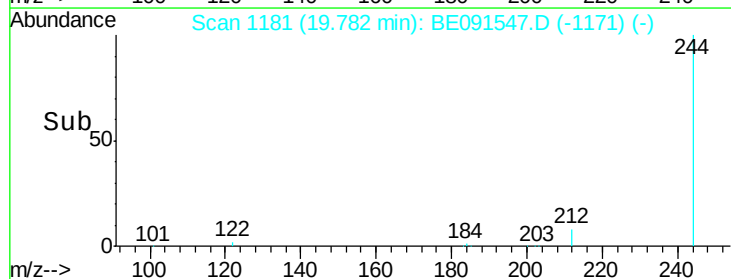
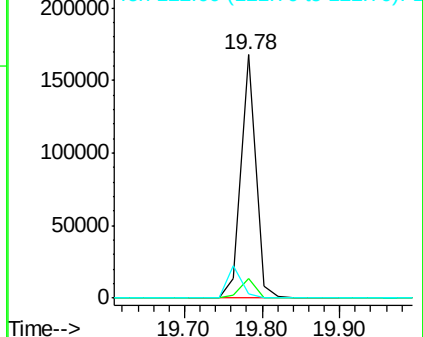
122 1.7 1.8 2.8#

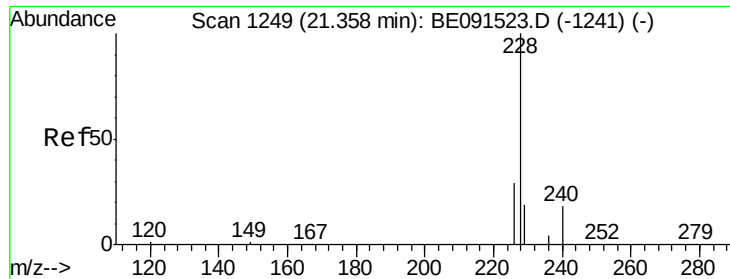


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

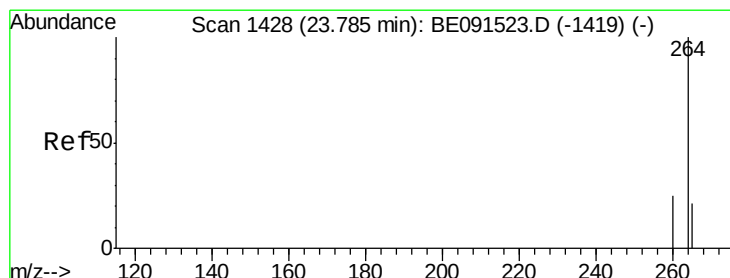
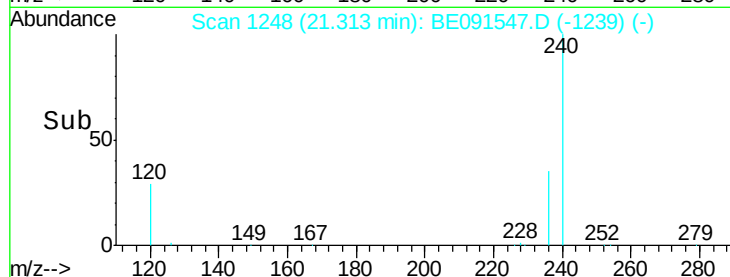
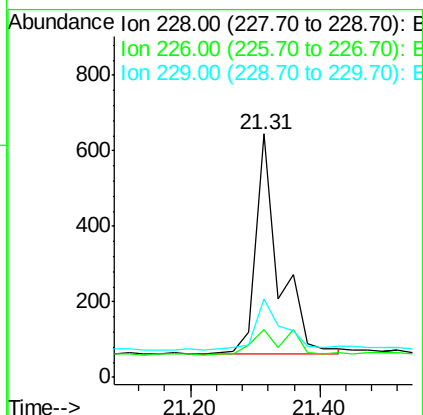
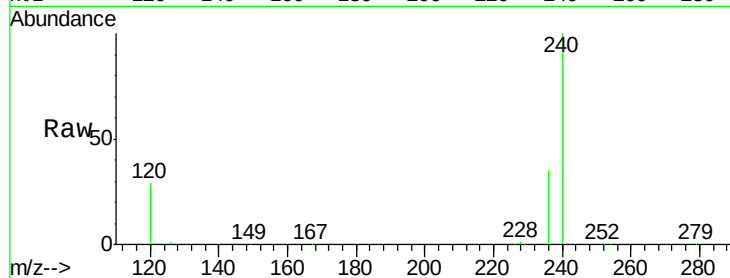




#25
Benzo(a)anthracene
Concen: 0.02 ng
RT: 21.31 min Scan# 1248
Delta R.T. -0.00 min
Lab File: BE091547.D
Acq: 28 Mar 2016 21:02

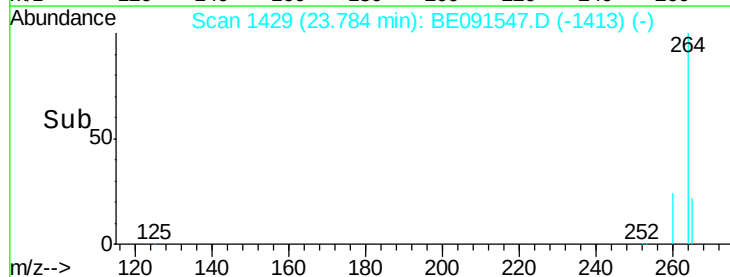
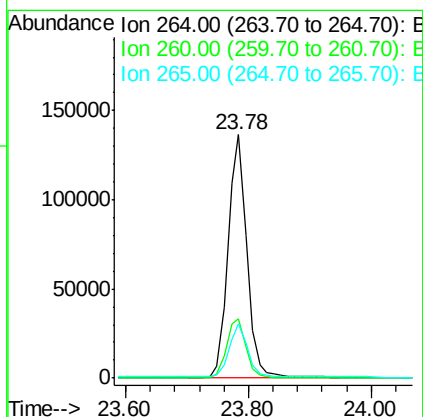
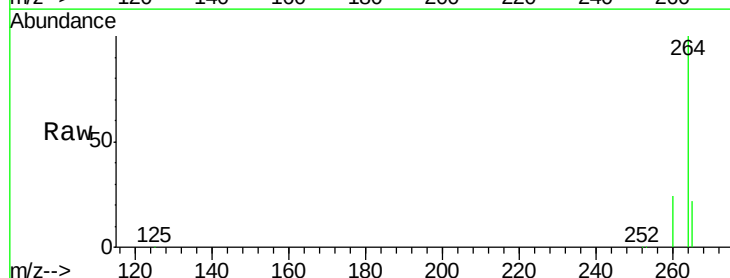
Instrument :
BNA_E
ClientSampleId :
TW-1

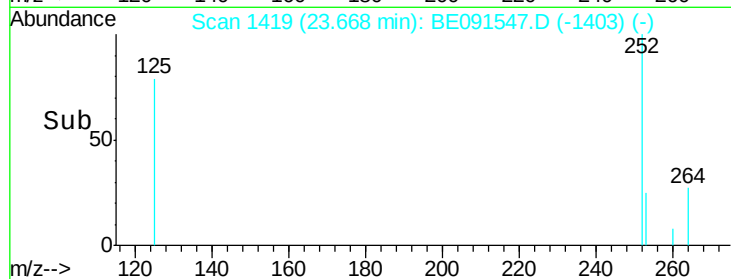
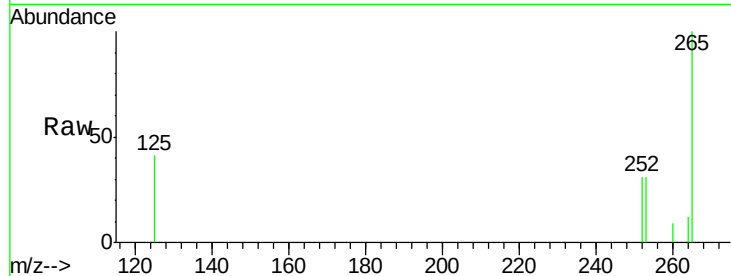
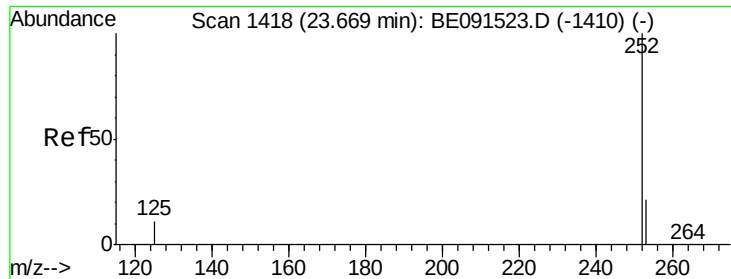
Tgt Ion:228 Resp: 1455
Ion Ratio Lower Upper
228 100
226 19.7 24.0 36.0#
229 32.4 13.8 20.6#



#28
Perylene-d12
Concen: 5.00 ng
RT: 23.78 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BE091547.D
Acq: 28 Mar 2016 21:02

Tgt Ion:264 Resp: 291263
Ion Ratio Lower Upper
264 100
260 24.2 20.1 30.1
265 22.1 18.3 27.5





#31

Benzo(a)pyrene

Concen: 0.21 ng

RT: 23.67 min Scan# 1419

Delta R.T. -0.01 min

Lab File: BE091547.D

Acq: 28 Mar 2016 21:02

Instrument :

BNA_E

ClientSampleId :

TW-1

Tgt Ion: 252 Resp: 207

Ion Ratio Lower Upper

252 100

253 98.2 19.4 29.0#

125 131.3 11.4 17.2#

