

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071318\
 Data File : BE096922.D
 Acq On : 14 Jul 2018 3:11
 Operator : SJ/JU
 Sample : J3921-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 14 04:35:48 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 13 17:02:57 2018
 Response via : Initial Calibration

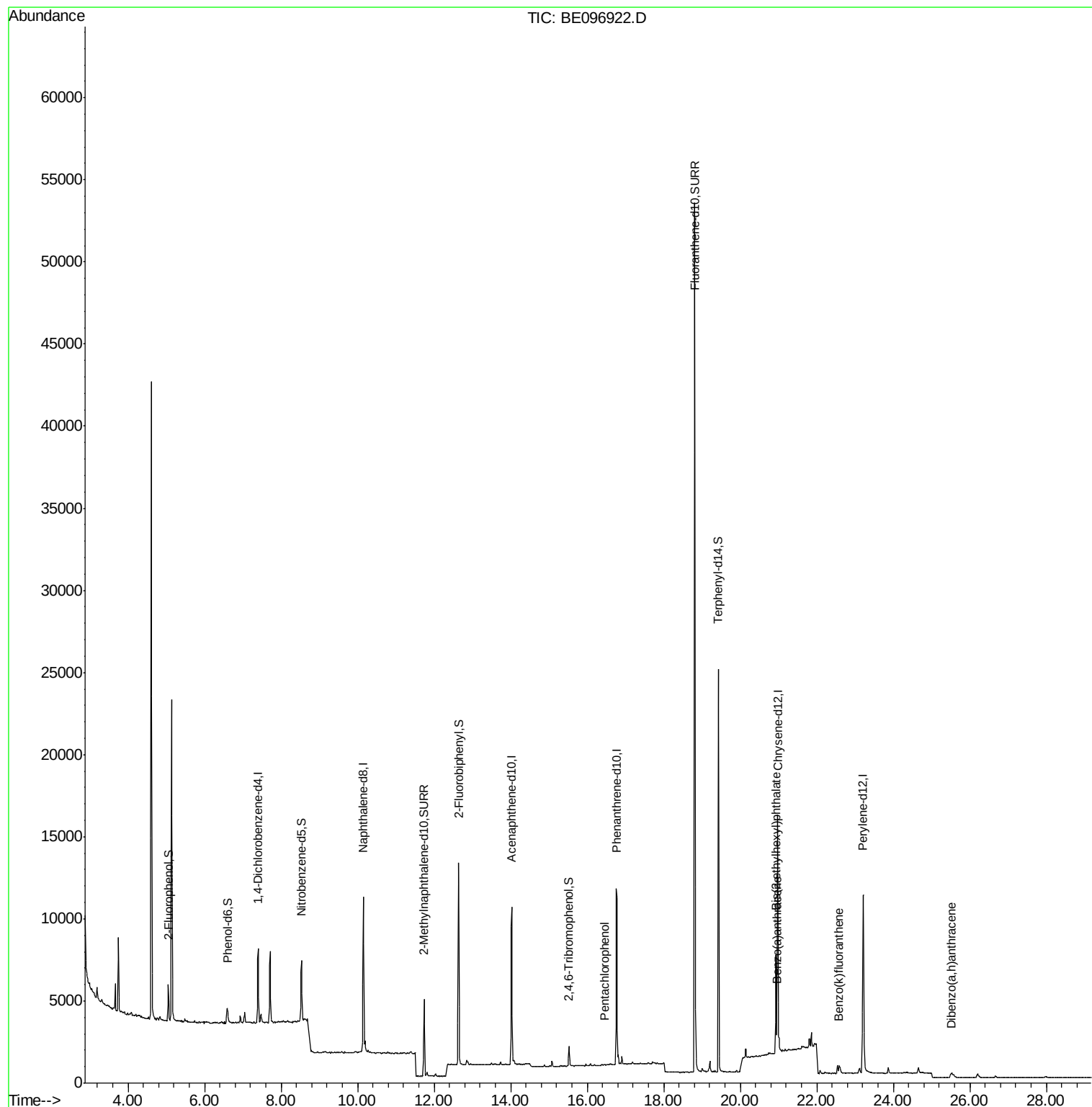
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	2130	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	10425	0.40	ng	0.00
13) Acenaphthene-d10	14.03	164	5896	0.40	ng	0.00
19) Phenanthrene-d10	16.78	188	15953	0.40	ng	0.01
27) Chrysene-d12	20.98	240	14380	0.40	ng	0.00
34) Perylene-d12	23.21	264	15173	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	1013	0.21	ng	0.00
5) Phenol-d6	6.59	99	893	0.13	ng	0.00
8) Nitrobenzene-d5	8.53	82	3335	0.53	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	6437	0.43	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	756	0.53	ng	0.00
15) 2-Fluorobiphenyl	12.64	172	11891	0.55	ng	0.00
25) Fluoranthene-d10	18.81	212	68571	0.49	ng	0.00
29) Terphenyl-d14	19.43	244	20642	0.74	ng	0.00
Target Compounds						
22) Pentachlorophenol	16.45	266	22	0.053	ng	Qvalue 97
30) Benzo(a)anthracene	20.95	228	650	0.020	ng	# 83
32) Bis(2-ethylhexyl)phthalate	20.93	149	6375	0.223	ng	# 100
36) Benzo(k)fluoranthene	22.58	252	674	0.095	ng	# 47
38) Dibenzo(a,h)anthracene	25.53	278	355	0.117	ng	# 38

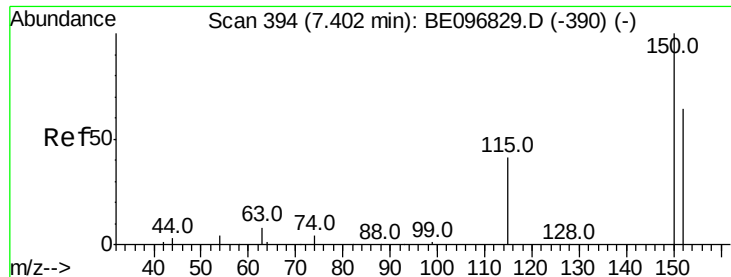
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071318\
Data File : BE096922.D
Acq On : 14 Jul 2018 3:11
Operator : SJ/JU
Sample : J3921-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jul 14 04:35:48 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 13 17:02:57 2018
Response via : Initial Calibration



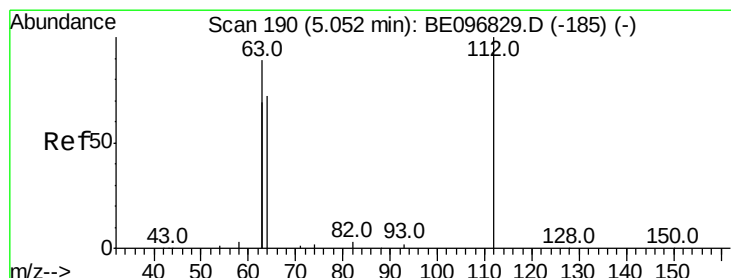
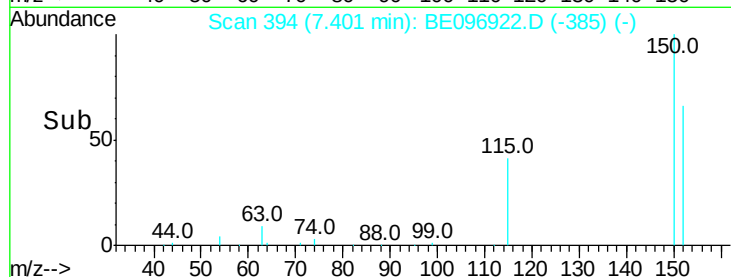
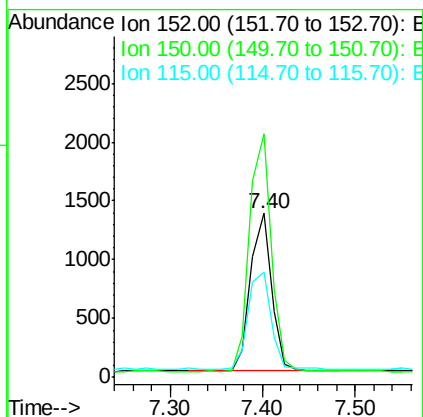
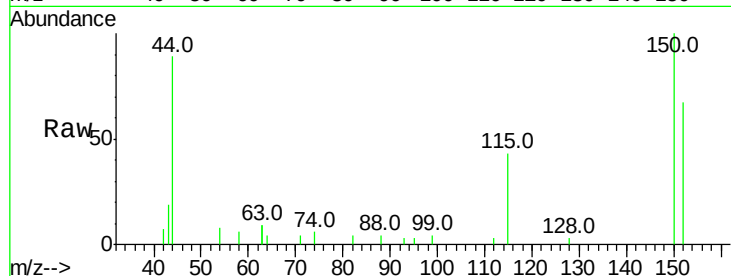


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 394
Delta R.T. 0.01 min
Lab File: BE096922.D
Acq: 14 Jul 2018 3:11

Instrument :
BNA_E
ClientSampleId :

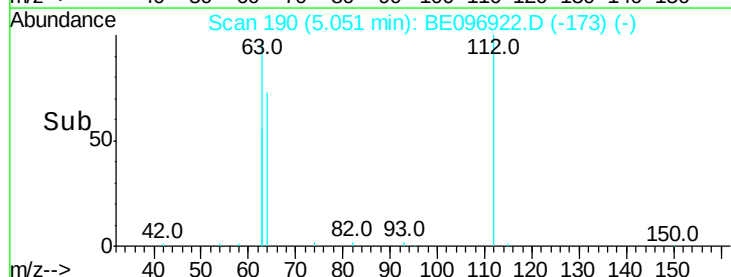
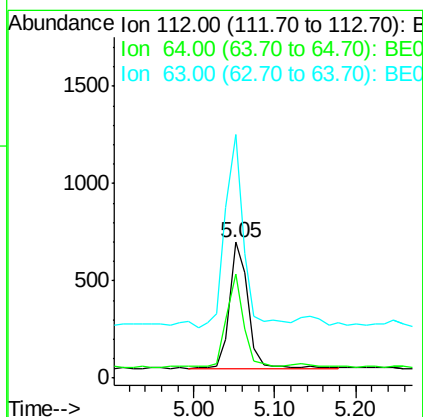
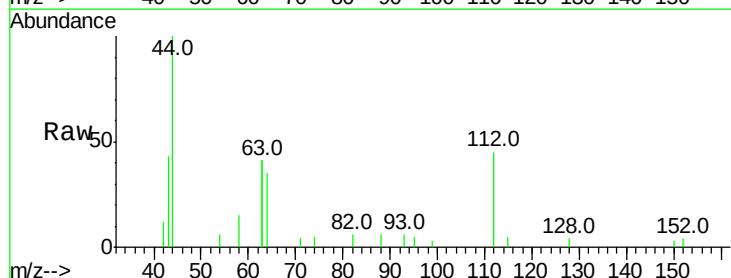
Tot Ion:152 Resp: 2130
Ion Ratio Lower Upper
152 100
150 148.6 117.2 175.8
115 64.0 57.0 85.6

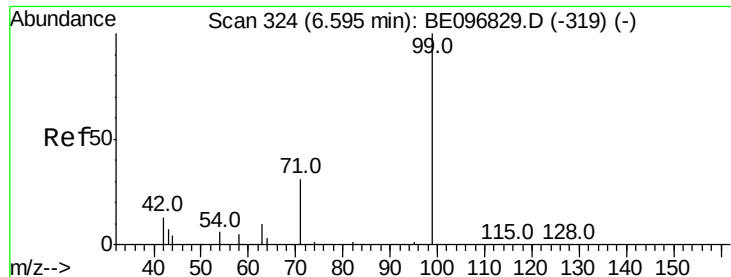


#4

2-Fluorophenol
Concen: 0.213 ng
RT: 5.05 min Scan# 190
Delta R.T. -0.00 min
Lab File: BE096922.D
Acq: 14 Jul 2018 3:11

Tgt Ion:112 Resp: 1013
Ion Ratio Lower Upper
112 100
64 69.1 60.1 90.1
63 154.3 116.8 175.2





#5

Phenol-d6

Concen: 0.126 ng

RT: 6.59 min Scan# 324

Delta R.T. 0.01 min

Lab File: BE096922.D

Acq: 14 Jul 2018 3:11

Instrument :

BNA_E

ClientSampleId :

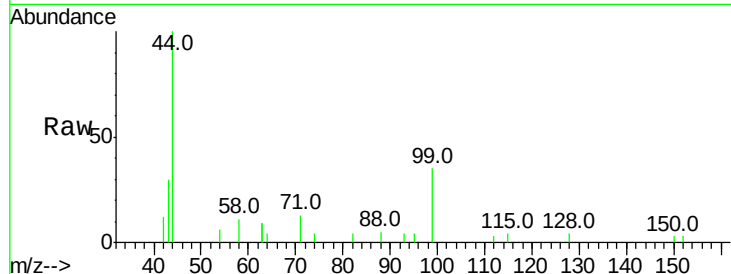
Tot Ion: 99 Resp: 893

Ion Ratio Lower Upper

99 100

42 26.4 20.2 30.2

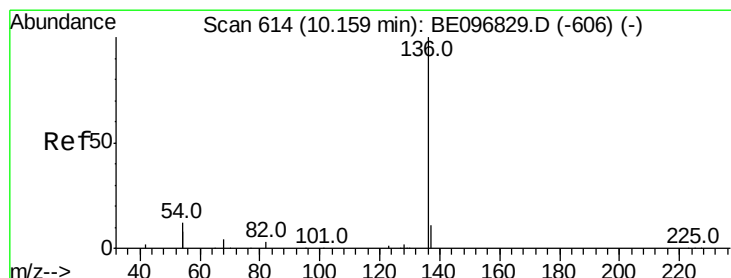
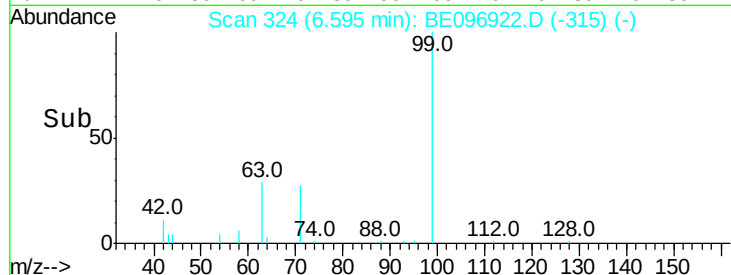
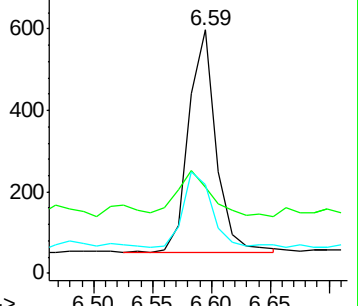
71 34.9 28.4 42.6



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



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 613

Delta R.T. 0.00 min

Lab File: BE096922.D

Acq: 14 Jul 2018 3:11

Tgt Ion: 136 Resp: 10425

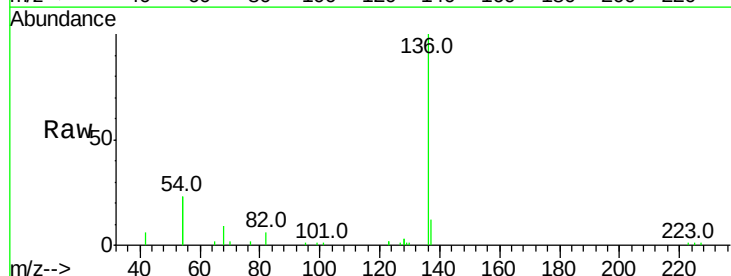
Ion Ratio Lower Upper

136 100

137 11.6 9.5 14.3

54 46.5 29.1 43.7#

68 9.0 6.2 9.2

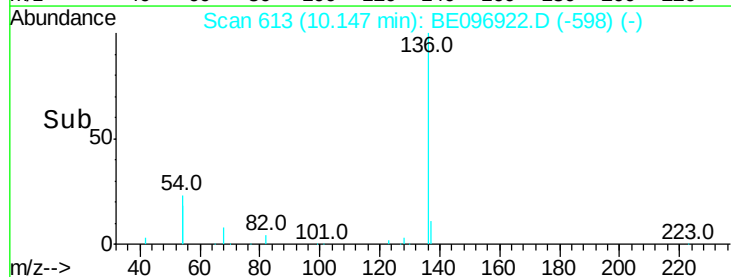
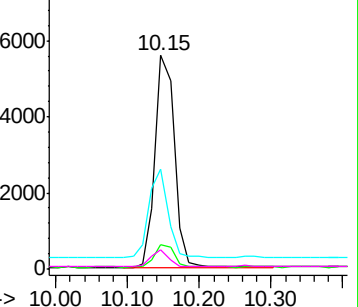


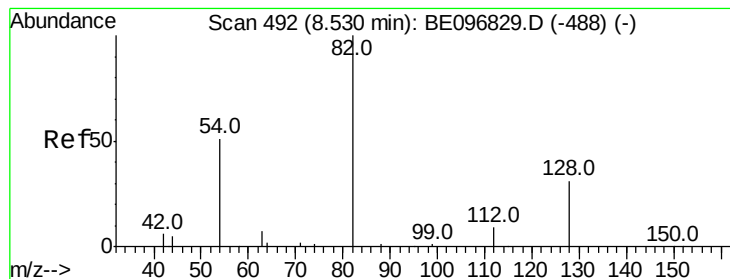
Abundance Ion 136.00 (135.70 to 136.70): E

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





#8

Nitrobenzene-d5

Concen: 0.528 ng

RT: 8.53 min Scan# 492

Delta R.T. 0.01 min

Lab File: BE096922.D

Acq: 14 Jul 2018 3:11

Instrument :

BNA_E

ClientSampleId :

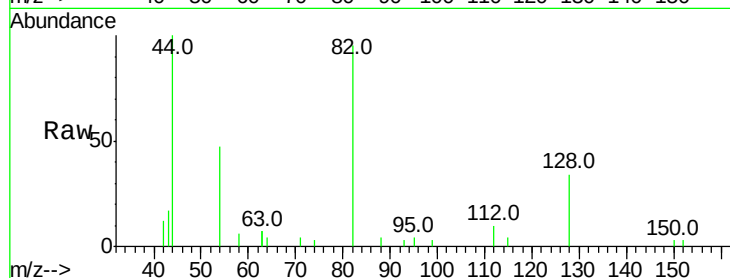
Tot Ion: 82 Resp: 3335

Ion Ratio Lower Upper

82 100

128 36.1 24.0 36.0#

54 49.3 40.0 60.0

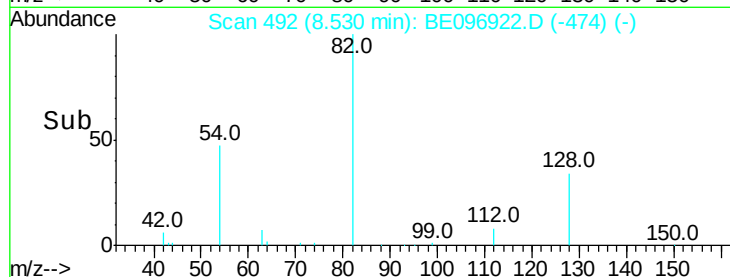


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0

Time-->



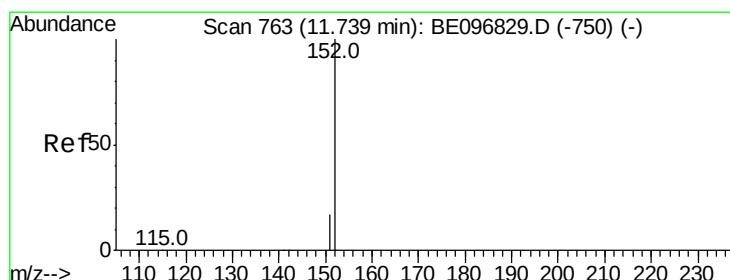
Abundance

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

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.429 ng

RT: 11.73 min Scan# 762

Delta R.T. 0.00 min

Lab File: BE096922.D

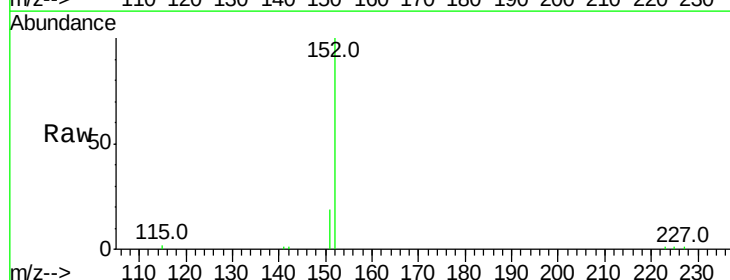
Acq: 14 Jul 2018 3:11

Tgt Ion:152 Resp: 6437

Ion Ratio Lower Upper

152 100

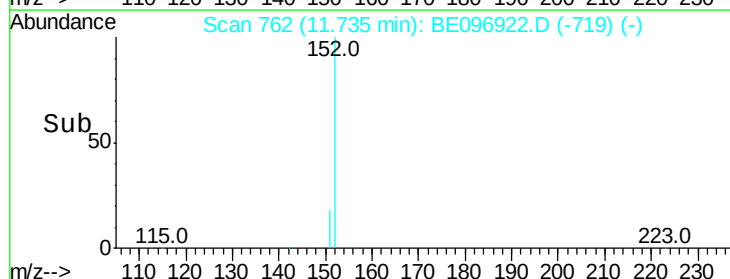
151 19.3 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): BE0

Ion 151.00 (150.70 to 151.70): BE0

Time-->

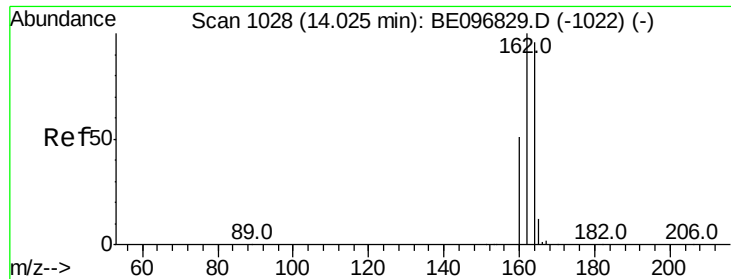


Abundance

Ion 152.00 (151.70 to 152.70): BE0

Ion 151.00 (150.70 to 151.70): BE0

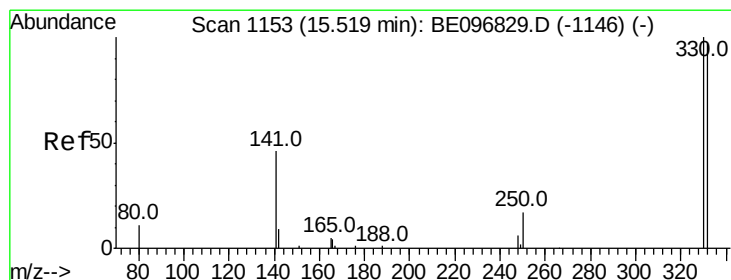
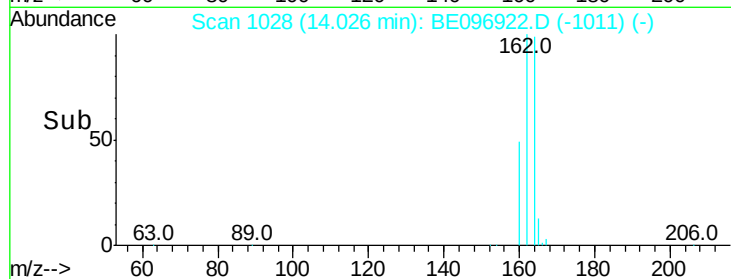
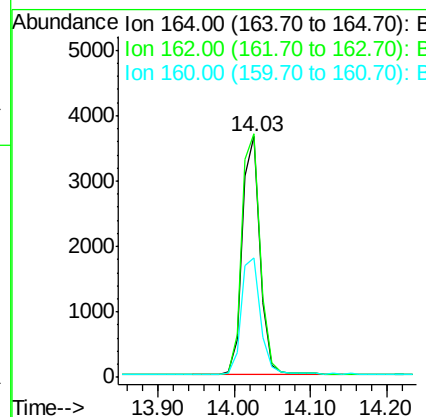
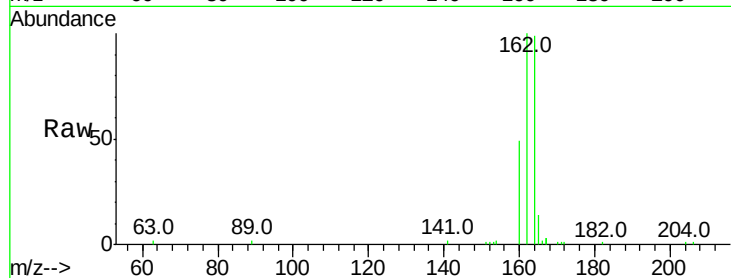
Time-->



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.03 min Scan# 1028
 Delta R.T. -0.00 min
 Lab File: BE096922.D
 Acq: 14 Jul 2018 3:11

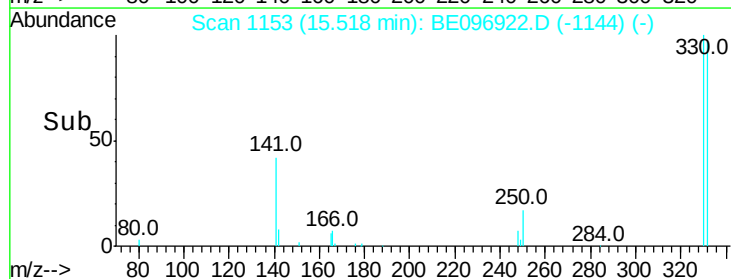
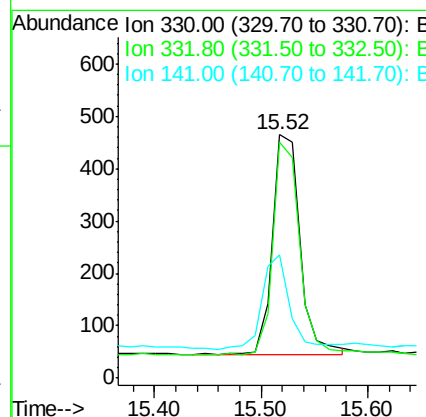
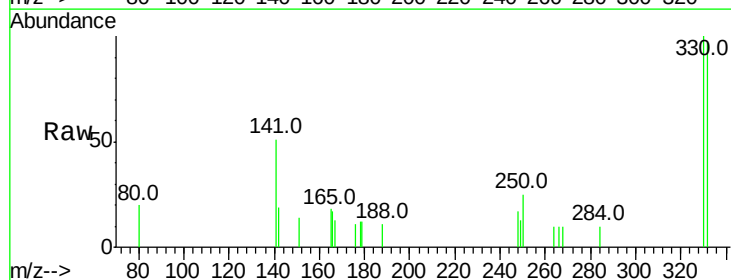
Instrument :
 BNA_E
 ClientSampleId :

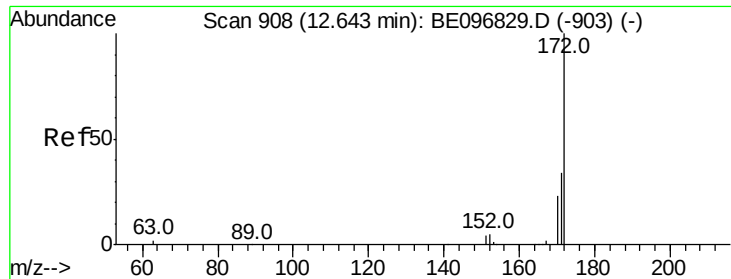
Tot Ion:164 Resp: 5896
 Ion Ratio Lower Upper
 164 100
 162 101.1 83.1 124.7
 160 49.7 37.1 55.7



#14
 2,4,6-Tribromophenol
 Concen: 0.530 ng
 RT: 15.52 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BE096922.D
 Acq: 14 Jul 2018 3:11

Tgt Ion:330 Resp: 756
 Ion Ratio Lower Upper
 330 100
 332 92.9 152.7 229.1#
 141 45.4 33.7 50.5

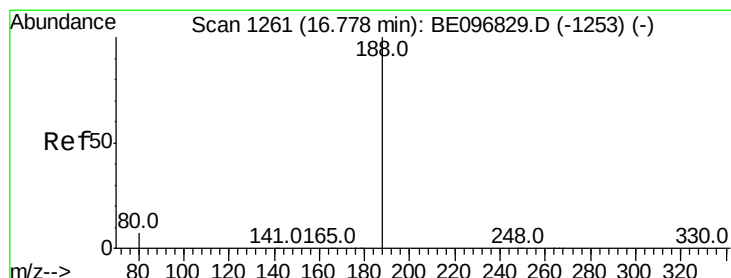
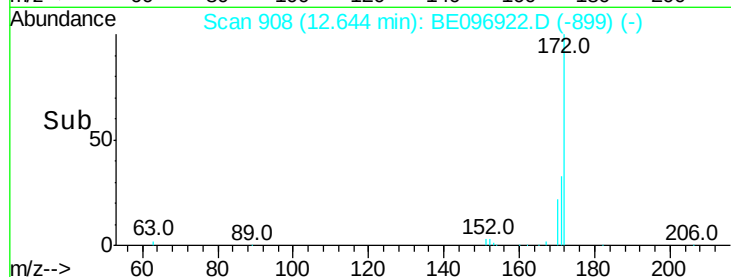
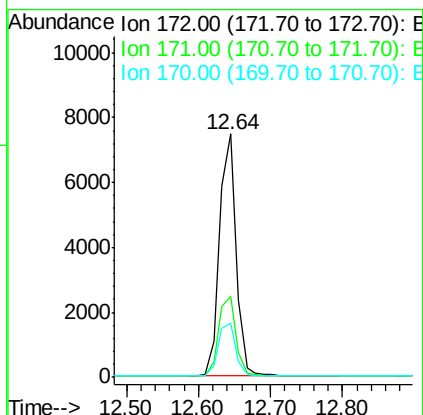
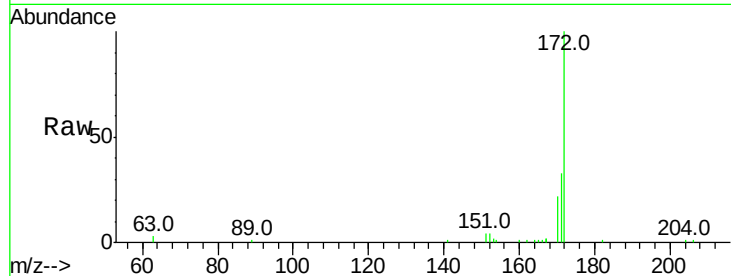




#15
2-Fluorobiphenyl
Concen: 0.551 ng
RT: 12.64 min Scan# 908
Delta R.T. -0.00 min
Lab File: BE096922.D
Acq: 14 Jul 2018 3:11

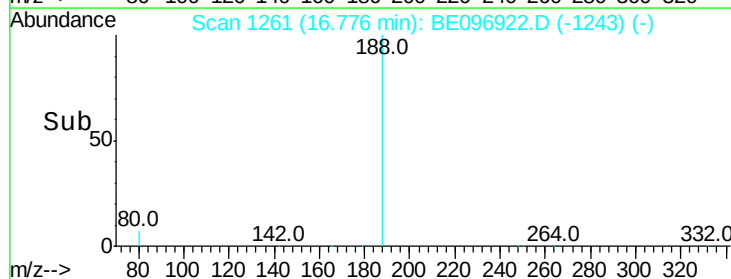
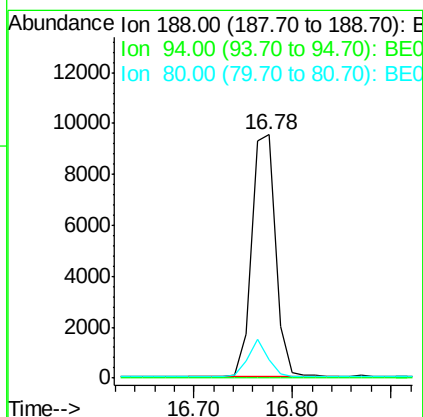
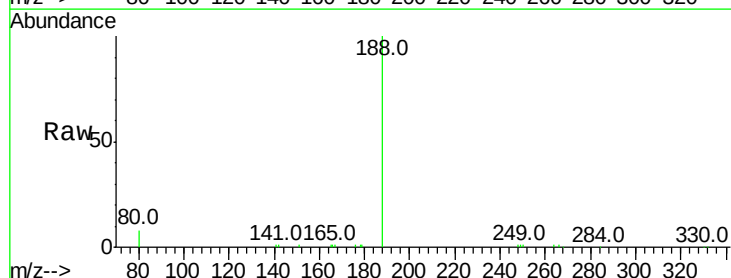
Instrument :
BNA_E
ClientSampleId :

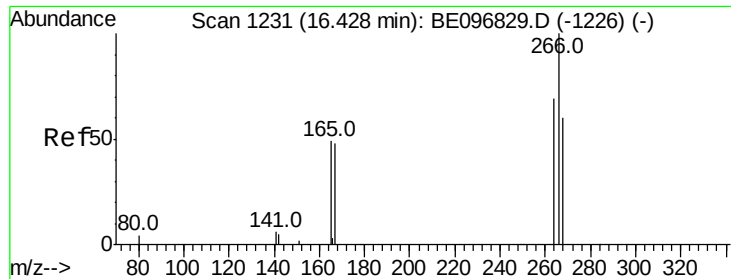
Tot Ion:172 Resp: 11891
Ion Ratio Lower Upper
172 100
171 33.2 29.9 44.9
170 22.3 21.8 32.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.78 min Scan# 1261
Delta R.T. 0.01 min
Lab File: BE096922.D
Acq: 14 Jul 2018 3:11

Tgt Ion:188 Resp: 15953
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 7.5 3.6 5.4#

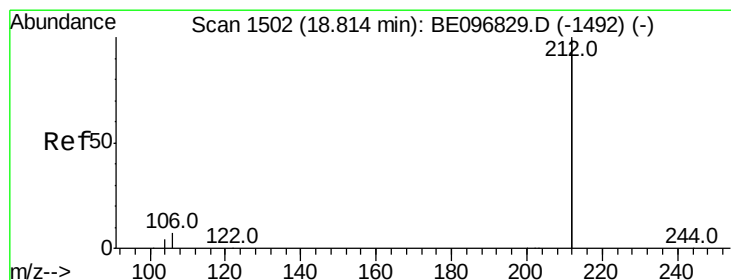
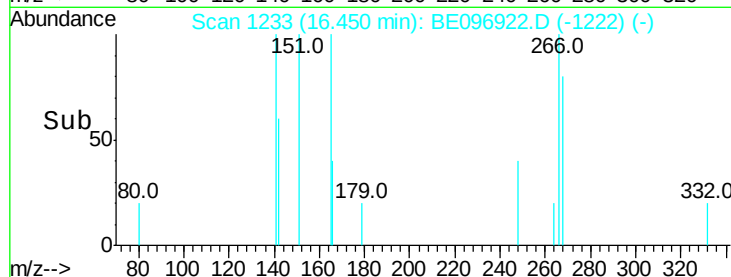
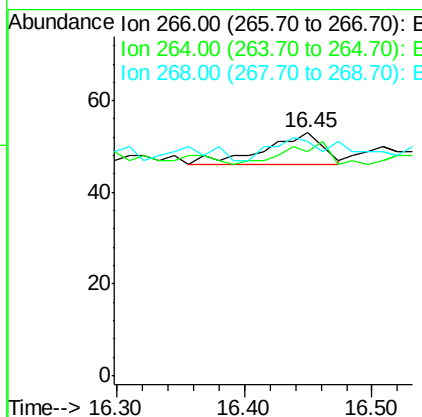
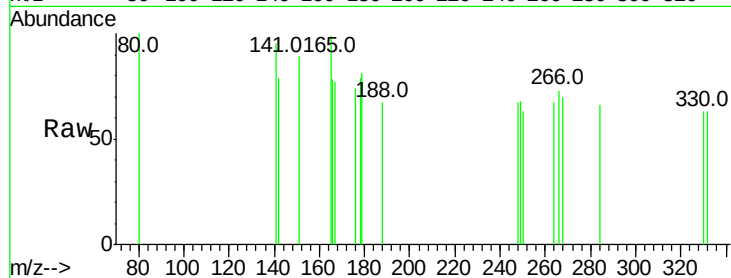




#22
 Pentachlorophenol
 Concen: 0.053 ng
 RT: 16.45 min Scan# 1233
 Delta R.T. 0.02 min
 Lab File: BE096922.D
 Acq: 14 Jul 2018 3:11

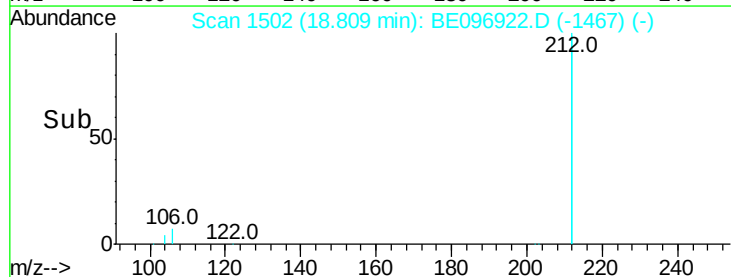
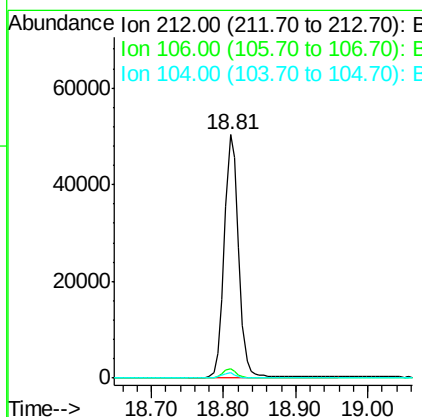
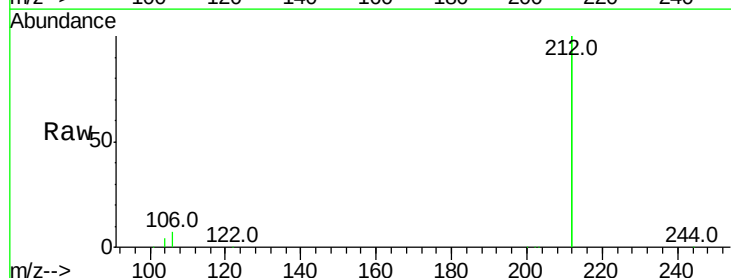
Instrument :
 BNA_E
 ClientSampleId :

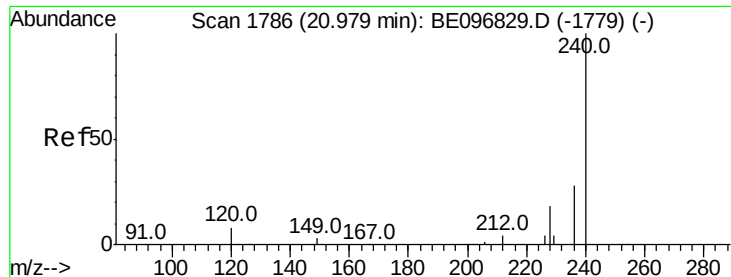
Tot Ion:266 Resp: 22
 Ion Ratio Lower Upper
 266 100
 264 92.5 72.5 108.7
 268 96.2 73.8 110.6



#25
 Fluoranthene-d10
 Concen: 0.488 ng
 RT: 18.81 min Scan# 1502
 Delta R.T. -0.00 min
 Lab File: BE096922.D
 Acq: 14 Jul 2018 3:11

Tgt Ion:212 Resp: 68571
 Ion Ratio Lower Upper
 212 100
 106 3.5 2.8 4.2
 104 1.9 1.6 2.4





#27

Chrysene-d12

Concen: 0.400 ng

RT: 20.98 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BE096922.D

Acq: 14 Jul 2018 3:11

Instrument :

BNA_E

ClientSampleId :

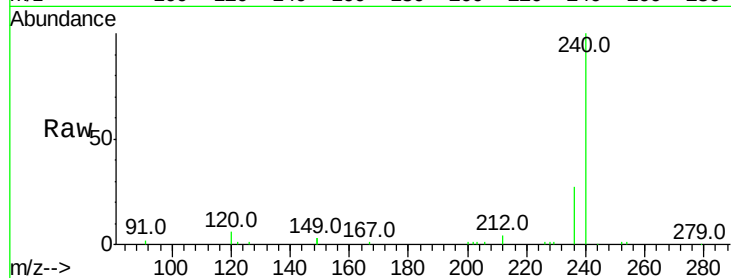
Tot Ion:240 Resp: 14380

Ion Ratio Lower Upper

240 100

120 6.3 5.5 8.3

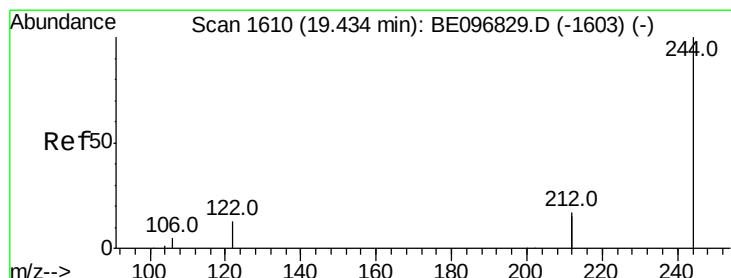
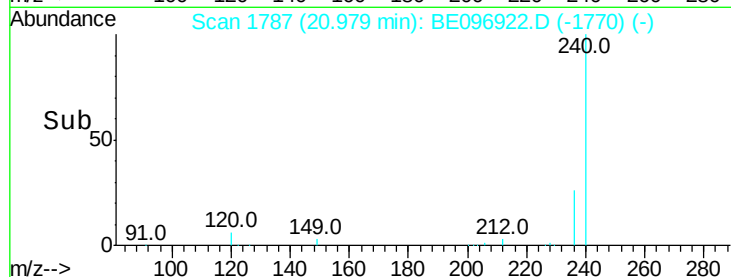
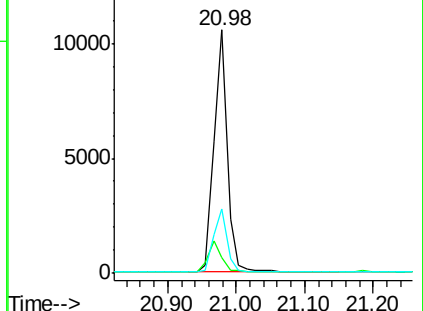
236 26.6 20.7 31.1



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



#29

Terphenyl-d14

Concen: 0.744 ng

RT: 19.43 min Scan# 1610

Delta R.T. -0.00 min

Lab File: BE096922.D

Acq: 14 Jul 2018 3:11

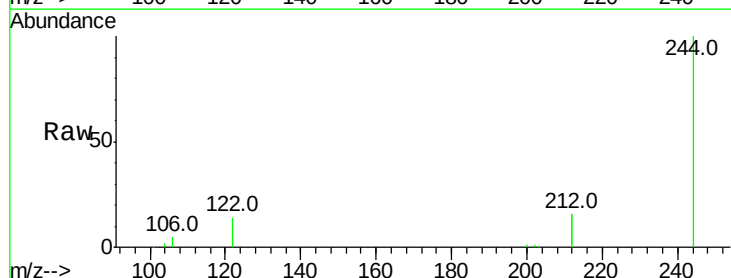
Tgt Ion:244 Resp: 20642

Ion Ratio Lower Upper

244 100

212 33.0 25.4 38.0

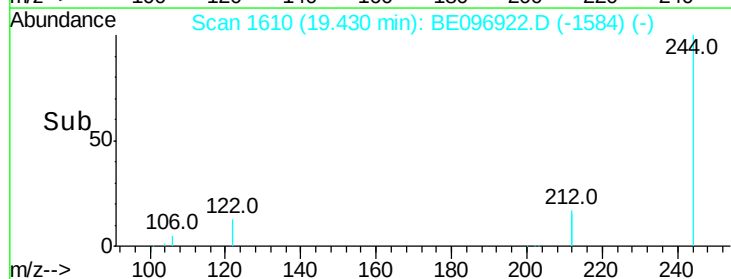
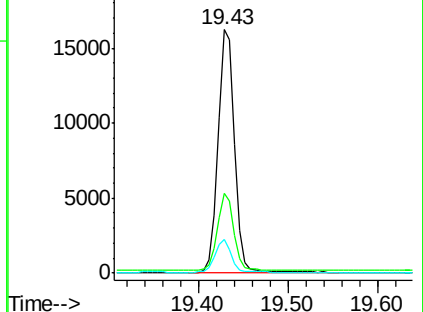
122 13.6 8.1 12.1#

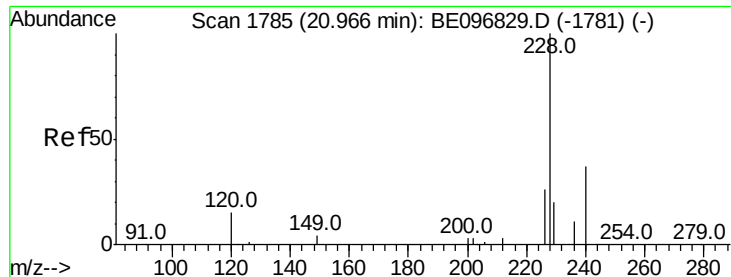


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#30

Benzo(a)anthracene

Concen: 0.020 ng

RT: 20.95 min Scan# 1785

Delta R.T. -0.01 min

Lab File: BE096922.D

Acq: 14 Jul 2018 3:11

Instrument :

BNA_E

ClientSampleId :

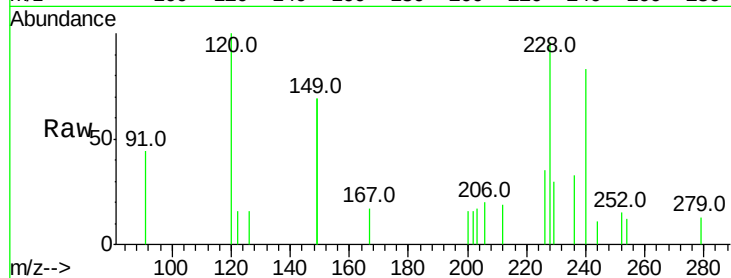
Tot Ion:228 Resp: 650

Ion Ratio Lower Upper

228 100

226 36.4 24.0 36.0#

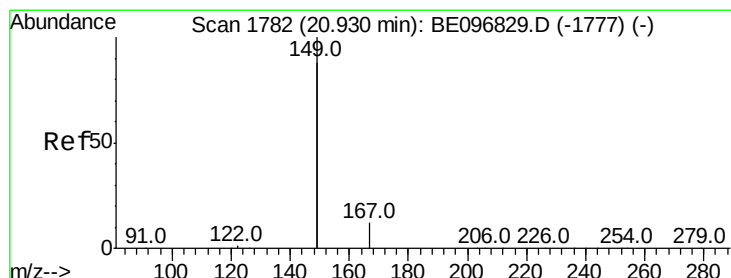
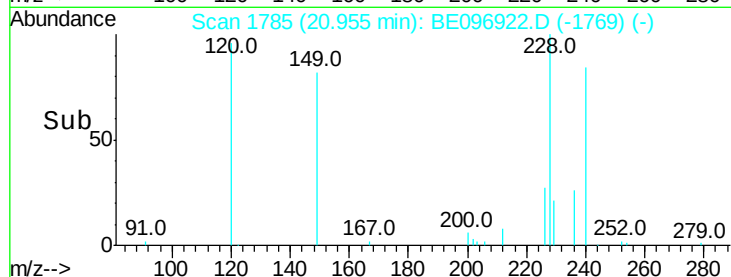
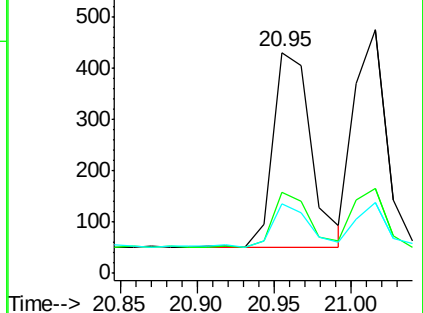
229 31.6 16.0 24.0#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.223 ng

RT: 20.93 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BE096922.D

Acq: 14 Jul 2018 3:11

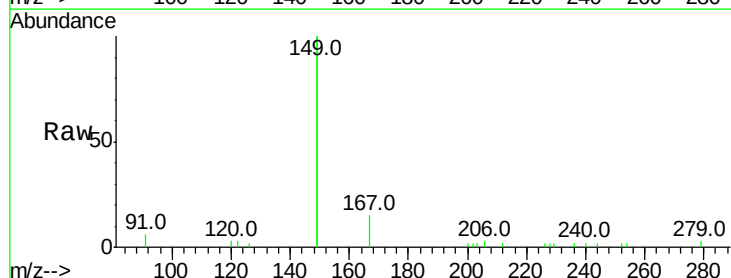
Tgt Ion:149 Resp: 6375

Ion Ratio Lower Upper

149 100

167 6.6 5.4 8.0

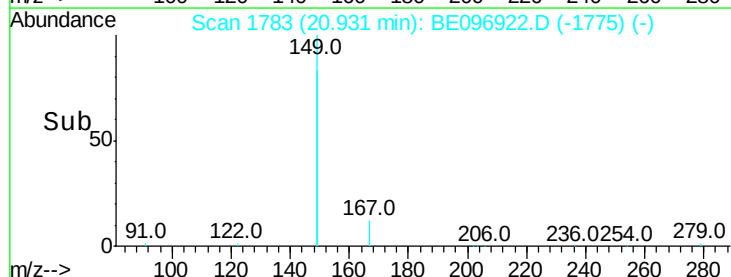
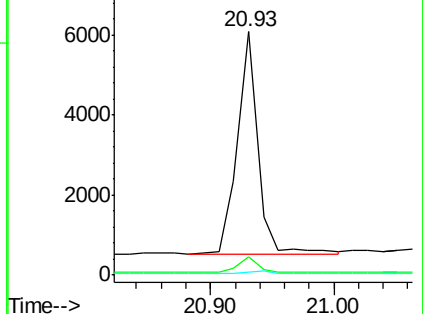
279 1.2 0.7 1.1#

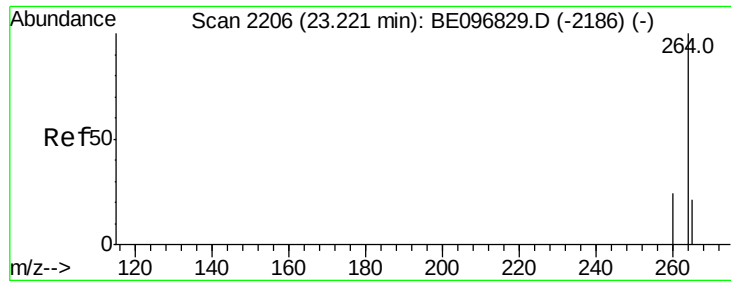


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

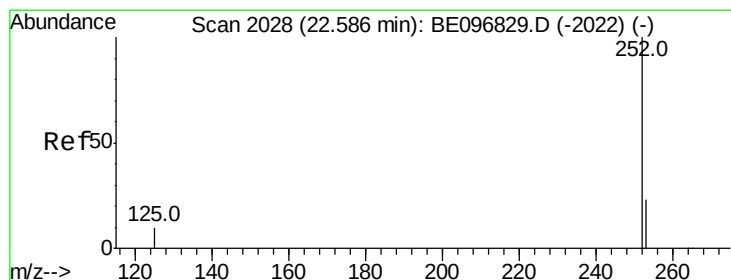
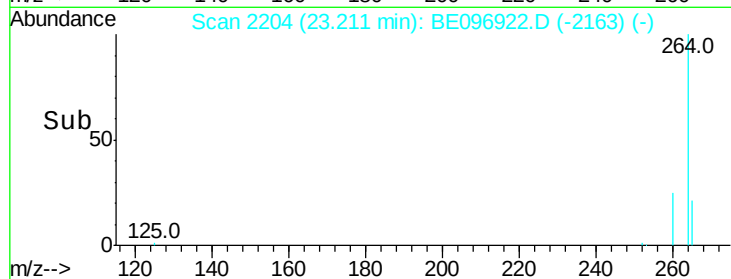
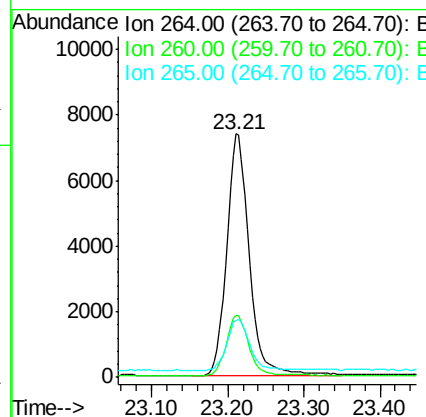
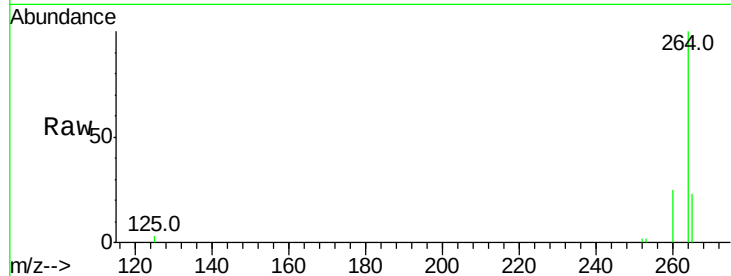




#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.21 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: BE096922.D
 Acq: 14 Jul 2018 3:11

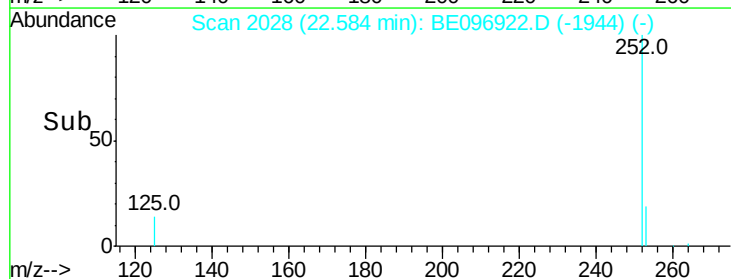
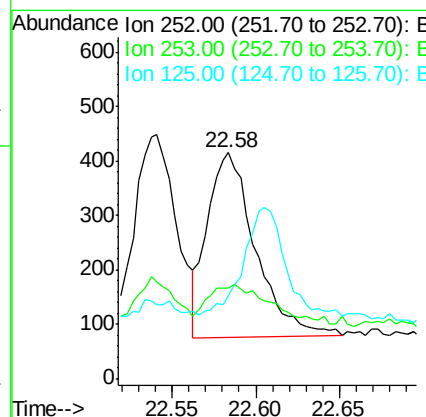
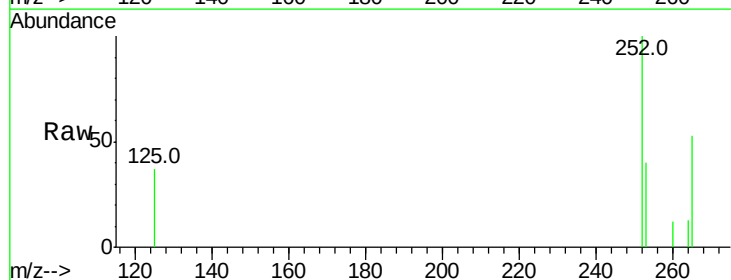
Instrument :
 BNA_E
 ClientSampleId :

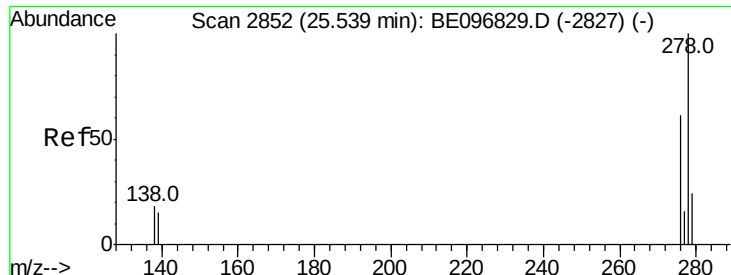
Tot Ion:264 Resp: 15173
 Ion Ratio Lower Upper
 264 100
 260 25.2 20.5 30.7
 265 23.3 22.8 34.2



#36
 Benzo(k)fluoranthene
 Concen: 0.095 ng
 RT: 22.58 min Scan# 2028
 Delta R.T. 0.00 min
 Lab File: BE096922.D
 Acq: 14 Jul 2018 3:11

Tgt Ion:252 Resp: 674
 Ion Ratio Lower Upper
 252 100
 253 39.8 16.0 24.0#
 125 36.6 8.0 12.0#





#38

Dibenzo(a,h)anthracene

Concen: 0.117 ng

RT: 25.53 min Scan# 2850

Delta R.T. 0.00 min

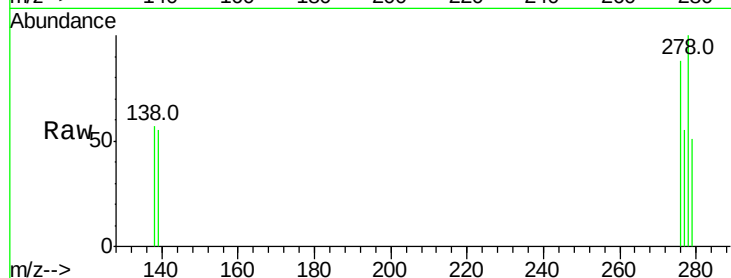
Lab File: BE096922.D

Acq: 14 Jul 2018 3:11

Instrument :

BNA_E

ClientSampleId :



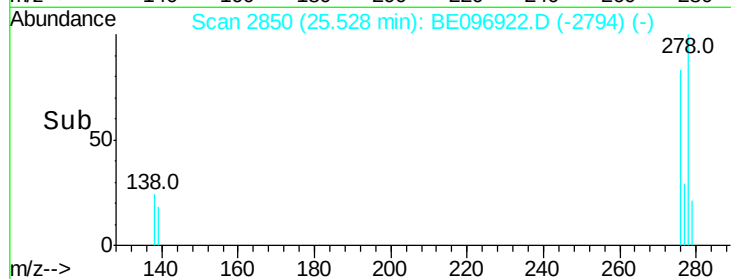
Tot Ion:278 Resp: 355

Ion Ratio Lower Upper

278 100

139 54.7 16.0 24.0#

279 50.7 20.0 30.0#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

