

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071318\
 Data File : BE096902.D
 Acq On : 13 Jul 2018 12:17
 Operator : SJ/JU
 Sample : PB111075BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB111075BL

Quant Time: Jul 13 17:03:41 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

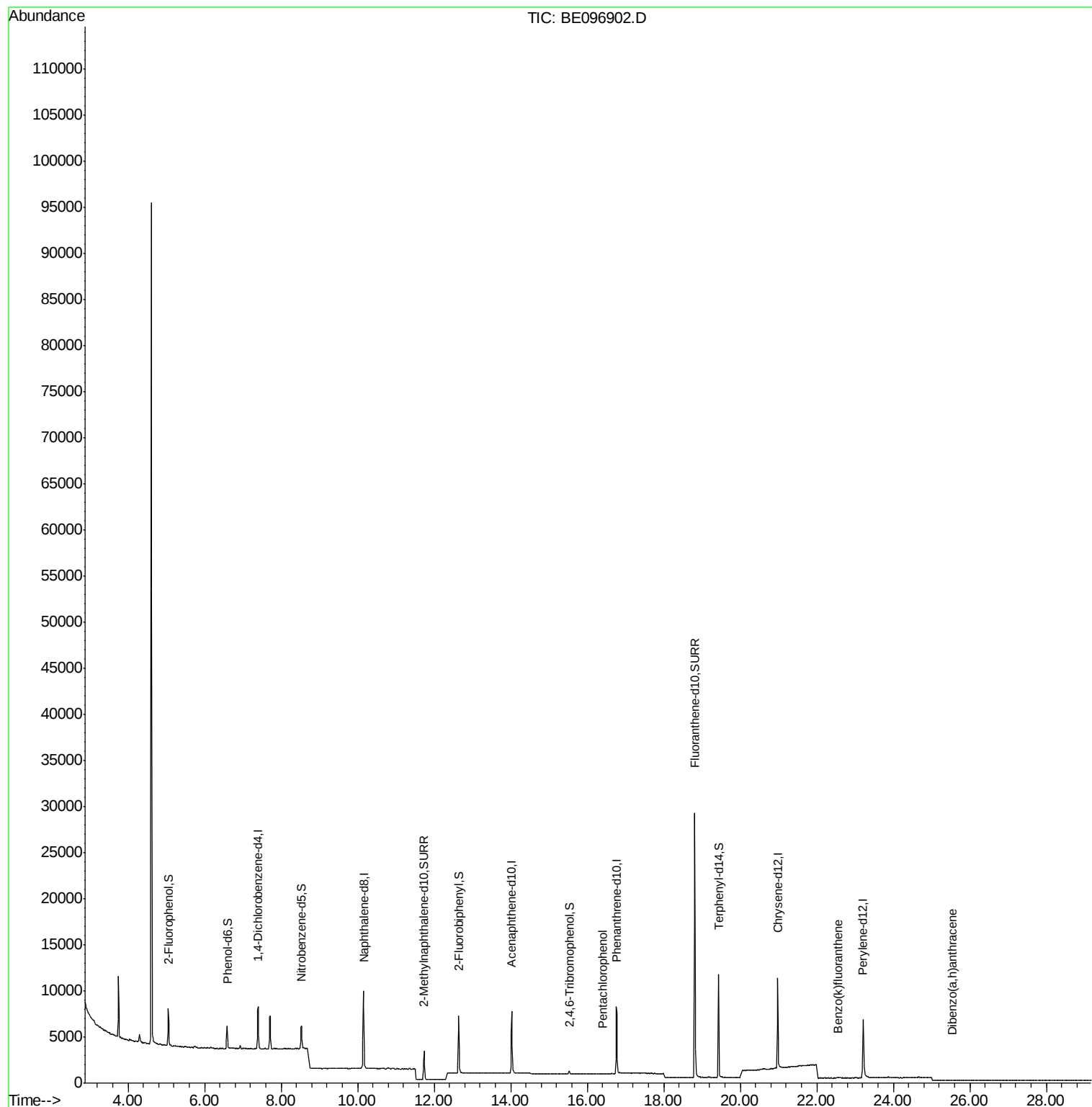
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	2298	0.40	ng	0.01
7) Naphthalene-d8	10.16	136	9668	0.40	ng	0.01
13) Acenaphthene-d10	14.03	164	3987	0.40	ng	0.00
19) Phenanthrene-d10	16.77	188	10988	0.40	ng	0.00
27) Chrysene-d12	20.98	240	9552	0.40	ng	0.00
34) Perylene-d12	23.21	264	9522	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.06	112	1932	0.38	ng	0.00
5) Phenol-d6	6.60	99	2380	0.31	ng	0.01
8) Nitrobenzene-d5	8.53	82	2409	0.41	ng	0.01
11) 2-Methylnaphthalene-d10	11.74	152	4598	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.53	330	219	0.32	ng	0.01
15) 2-Fluorobiphenyl	12.64	172	6006	0.41	ng	0.00
25) Fluoranthene-d10	18.81	212	38803	0.40	ng	0.00
29) Terphenyl-d14	19.43	244	9681	0.53	ng	0.00
Target Compounds						
22) Pentachlorophenol	16.40	266	1	0.036	ng	Qvalue 92
36) Benzo(k)fluoranthene	22.54	252	43	0.085	ng	# 1
38) Dibenzo(a,h)anthracene	25.54	278	7	0.110	ng	# 1

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.40 min Scan# 394

Delta R.T. 0.01 min

Lab File: BE096902.D

Acq: 13 Jul 2018 12:17

Instrument :

BNA_E

ClientSampleId :

PB111075BL

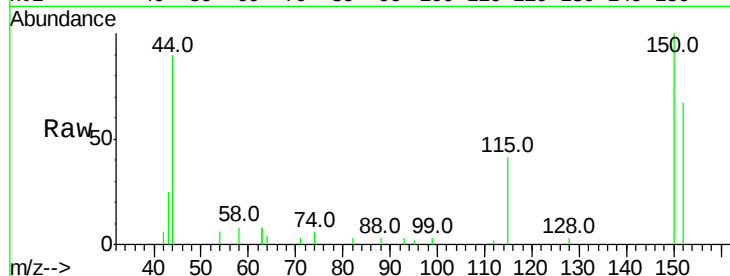
Tot Ion:152 Resp: 2298

Ion Ratio Lower Upper

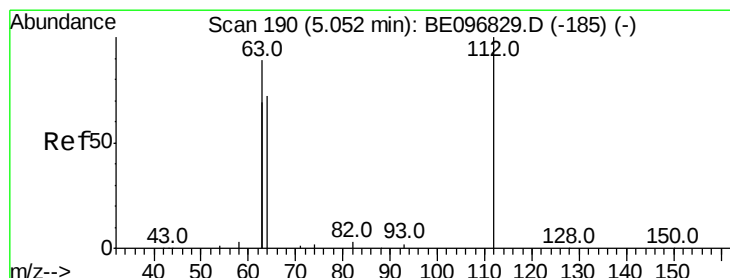
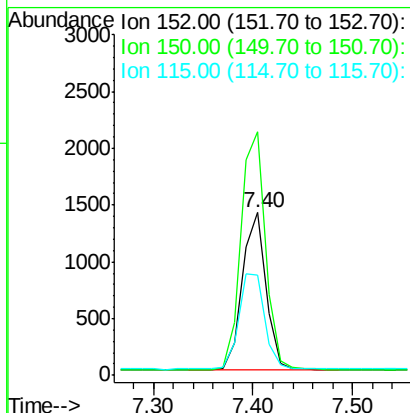
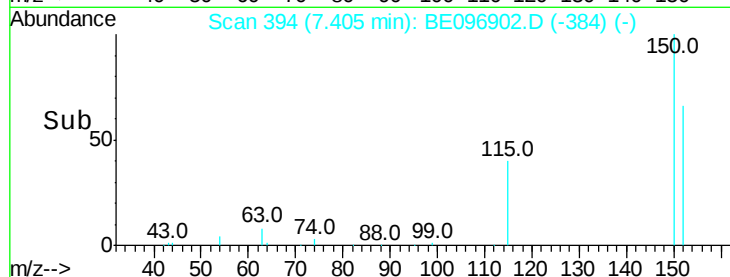
152 100

150 149.7 117.2 175.8

115 61.9 57.0 85.6



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: 0.376 ng

RT: 5.06 min Scan# 190

Delta R.T. 0.00 min

Lab File: BE096902.D

Acq: 13 Jul 2018 12:17

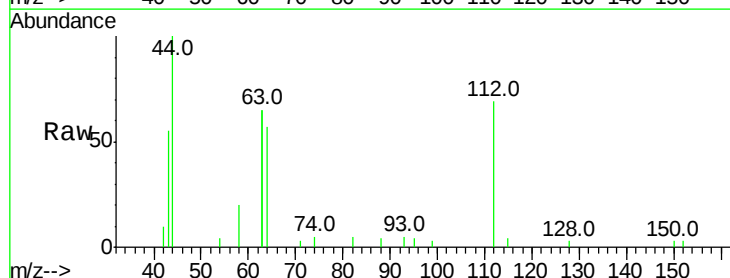
Tgt Ion:112 Resp: 1932

Ion Ratio Lower Upper

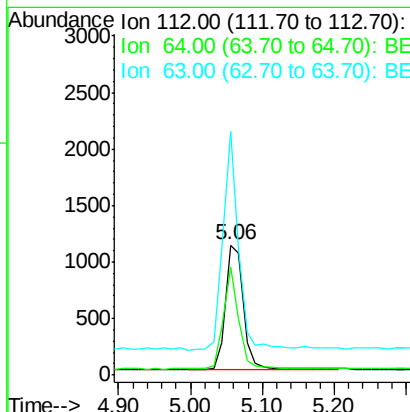
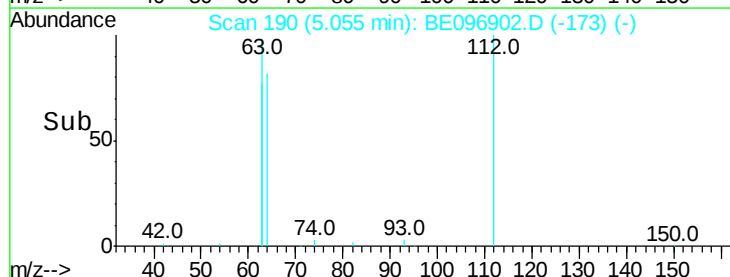
112 100

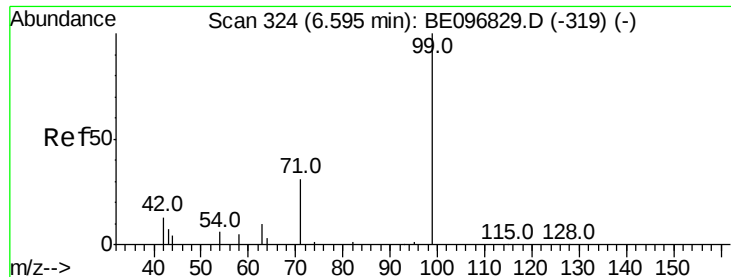
64 67.4 60.1 90.1

63 149.5 116.8 175.2



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: 0.311 ng

RT: 6.60 min Scan# 324

Delta R.T. 0.01 min

Lab File: BE096902.D

Acq: 13 Jul 2018 12:17

Instrument :

BNA_E

ClientSampleId :

PB111075BL

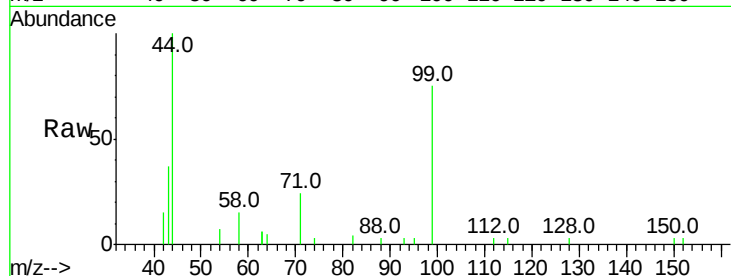
Tot Ion: 99 Resp: 2380

Ion Ratio Lower Upper

99 100

42 22.5 20.2 30.2

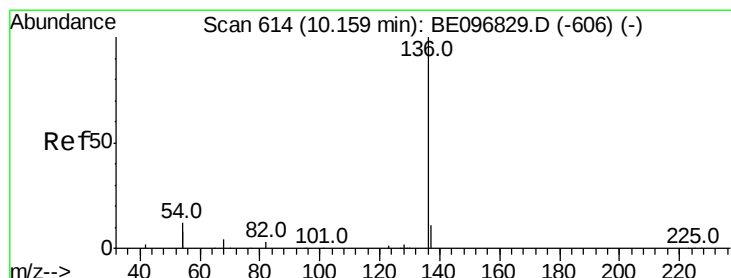
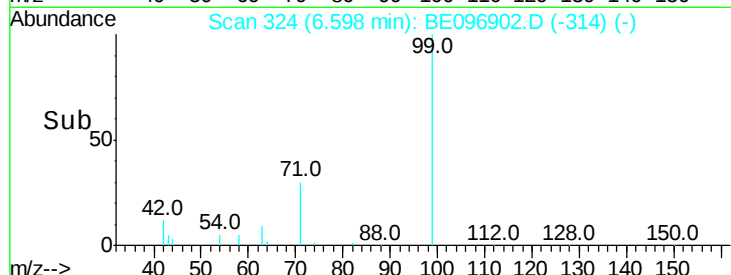
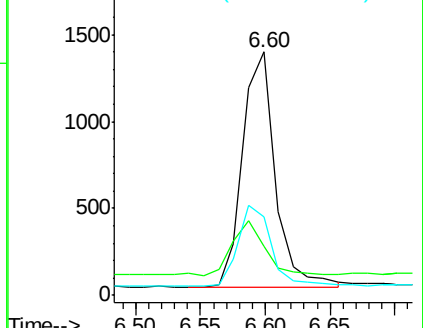
71 35.5 28.4 42.6



Abundance Ion 99.00 (98.70 to 99.70): BE096902.D (-598) (-)

Ion 42.00 (41.70 to 42.70): BE096902.D (-598) (-)

Ion 71.00 (70.70 to 71.70): BE096902.D (-598) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.16 min Scan# 614

Delta R.T. 0.01 min

Lab File: BE096902.D

Acq: 13 Jul 2018 12:17

Tgt Ion:136 Resp: 9668

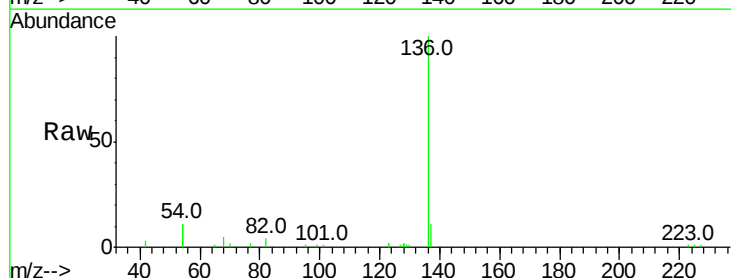
Ion Ratio Lower Upper

136 100

137 11.4 9.5 14.3

54 21.7 29.1 43.7#

68 4.8 6.2 9.2#

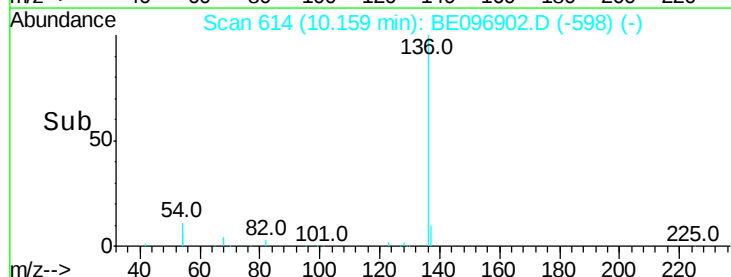
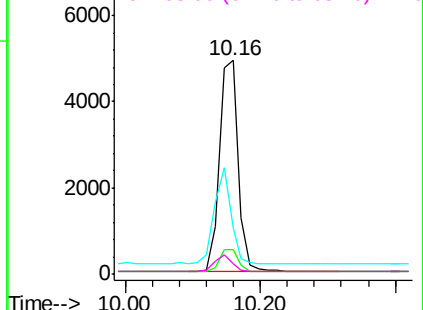


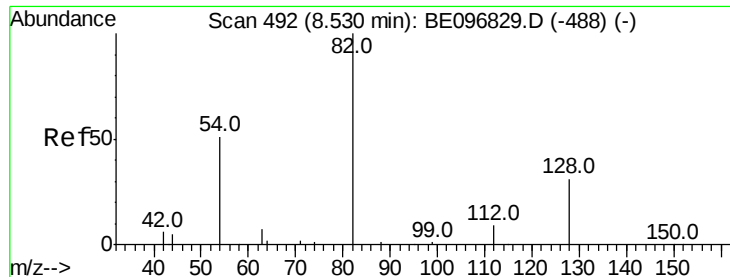
Abundance Ion 136.00 (135.70 to 136.70): BE096902.D (-598) (-)

Ion 137.00 (136.70 to 137.70): BE096902.D (-598) (-)

Ion 54.00 (53.70 to 54.70): BE096902.D (-598) (-)

Ion 68.00 (67.70 to 68.70): BE096902.D (-598) (-)

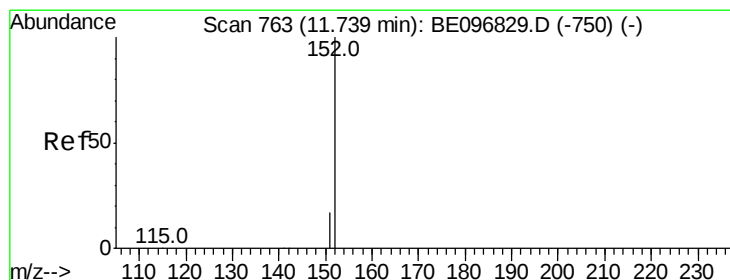
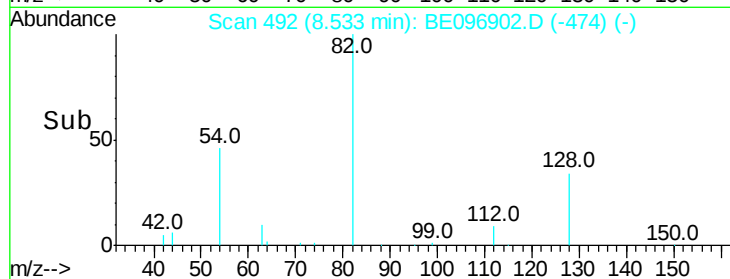
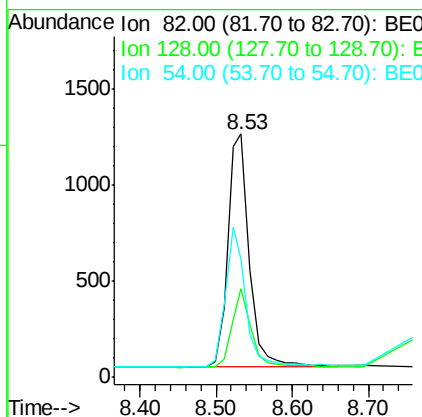
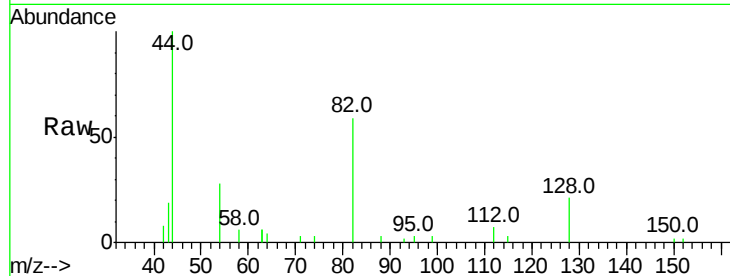




#8
 Nitrobenzene-d5
 Concen: 0.411 ng
 RT: 8.53 min Scan# 492
 Delta R.T. 0.01 min
 Lab File: BE096902.D
 Acq: 13 Jul 2018 12:17

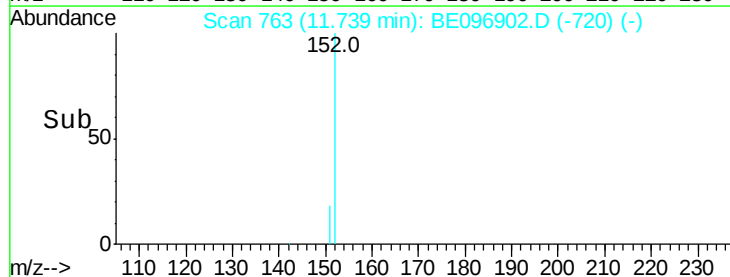
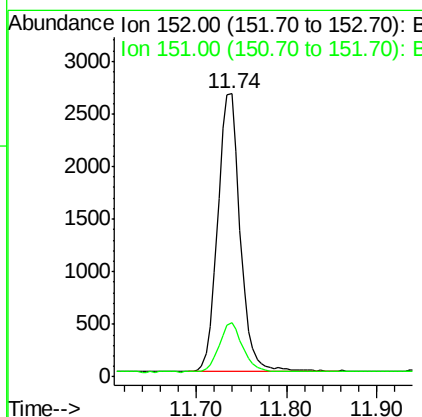
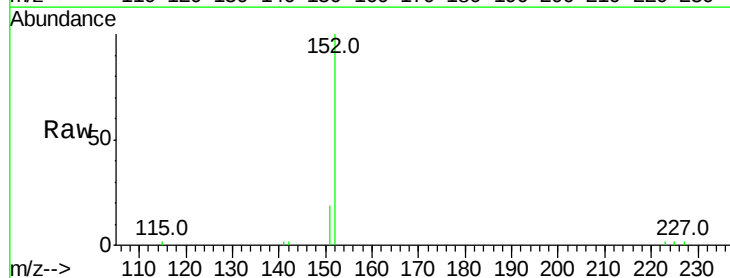
Instrument :
 BNA_E
 ClientSampleId :
 PB111075BL

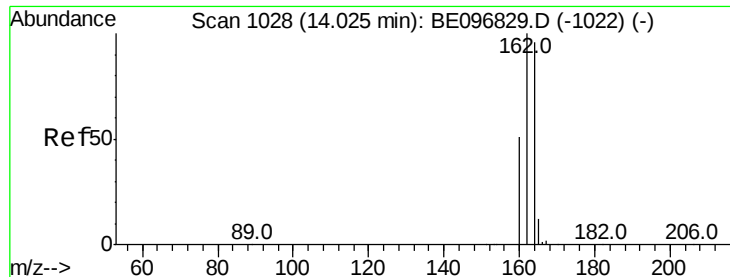
Tot Ion	Ratio	Lower	Upper
82	100		
128	36.6	24.0	36.0#
54	48.4	40.0	60.0



#11
 2-Methylnaphthalene-d10
 Concen: 0.331 ng
 RT: 11.74 min Scan# 763
 Delta R.T. 0.01 min
 Lab File: BE096902.D
 Acq: 13 Jul 2018 12:17

Tgt Ion	Ratio	Lower	Upper
152	100		
151	18.7	15.4	23.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.03 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BE096902.D

Acq: 13 Jul 2018 12:17

Instrument :

BNA_E

ClientSampleId :

PB111075BL

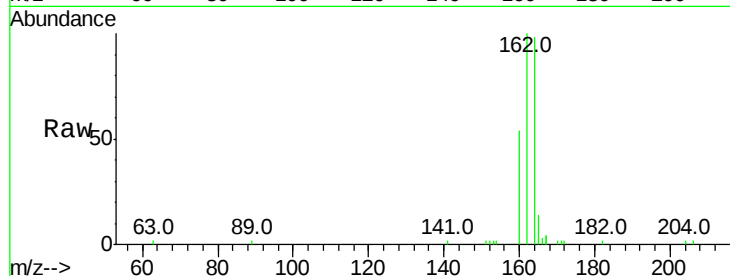
Tot Ion:164 Resp: 3987

Ion Ratio Lower Upper

164 100

162 102.0 83.1 124.7

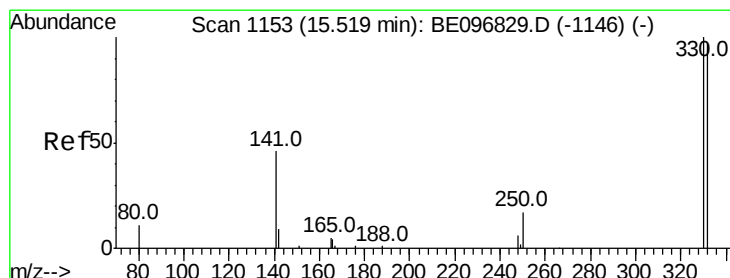
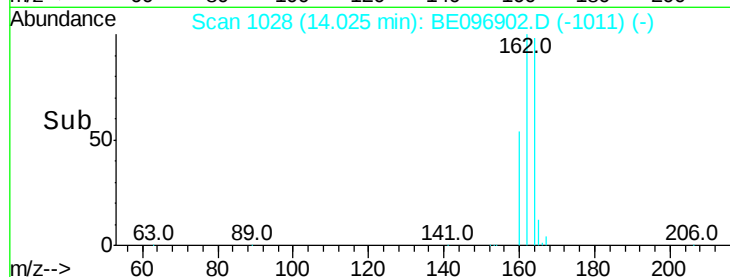
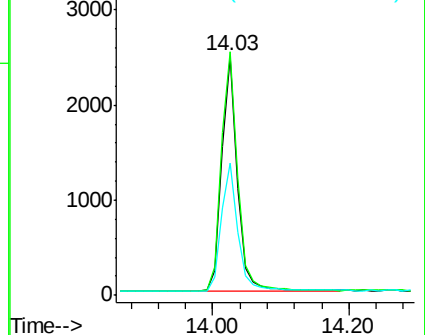
160 55.5 37.1 55.7



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



#14

2,4,6-Tribromophenol

Concen: 0.322 ng

RT: 15.53 min Scan# 1154

Delta R.T. 0.01 min

Lab File: BE096902.D

Acq: 13 Jul 2018 12:17

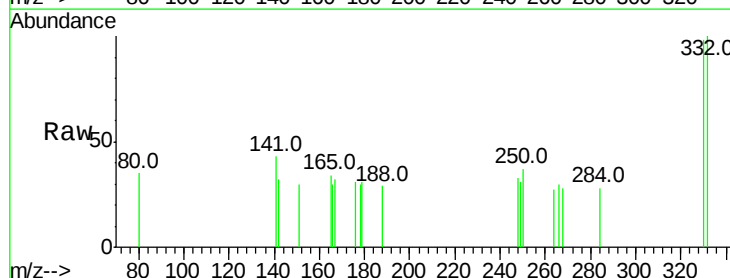
Tgt Ion:330 Resp: 219

Ion Ratio Lower Upper

330 100

332 99.1 152.7 229.1#

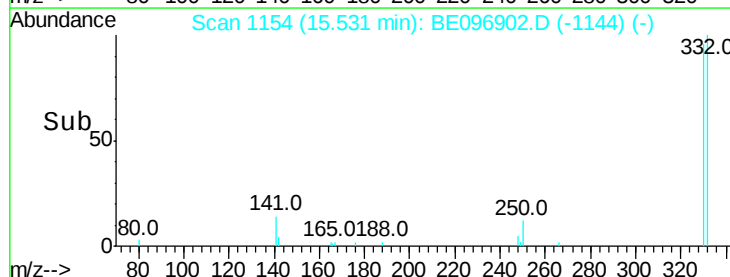
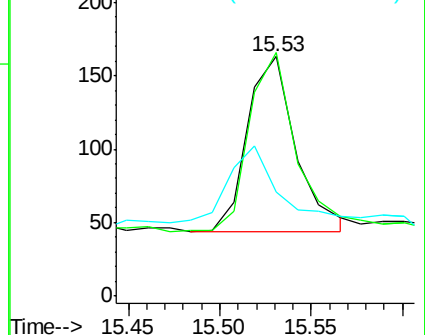
141 52.5 33.7 50.5#

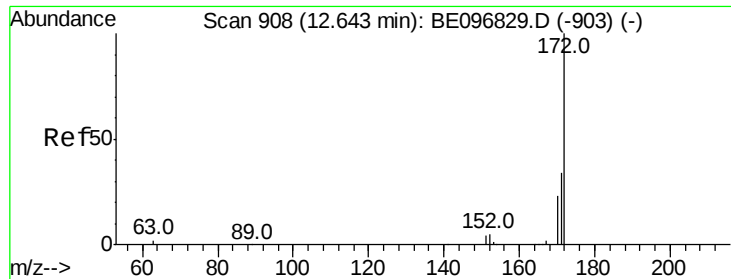


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

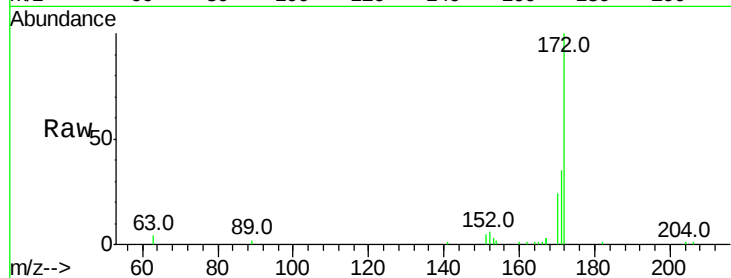




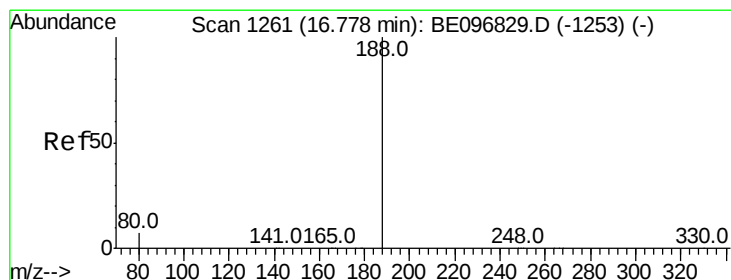
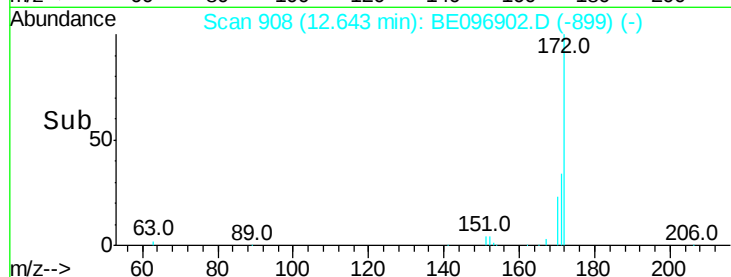
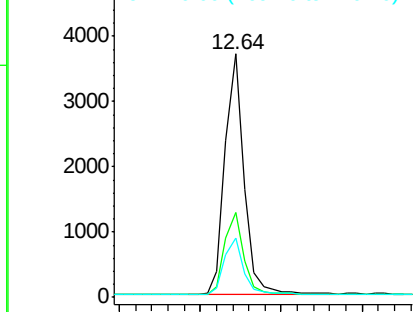
#15
2-Fluorobiphenyl
Concen: 0.412 ng
RT: 12.64 min Scan# 908
Delta R.T. -0.00 min
Lab File: BE096902.D
Acq: 13 Jul 2018 12:17

Instrument :
BNA_E
ClientSampleId :
PB111075BL

Tot Ion:172 Resp: 6006
Ion Ratio Lower Upper
172 100
171 35.1 29.9 44.9
170 24.1 21.8 32.8

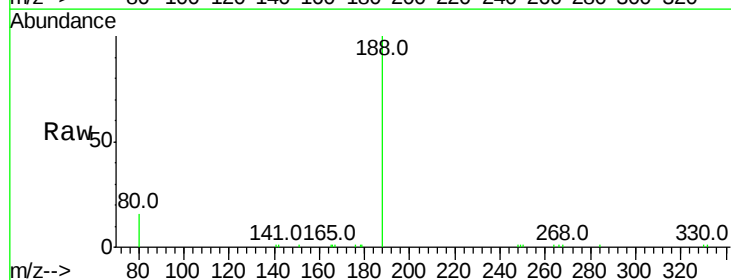


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

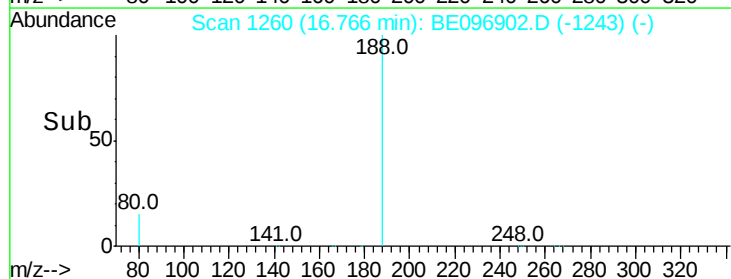
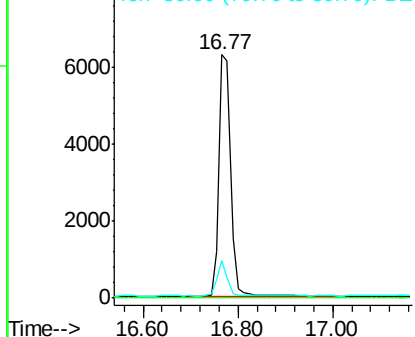


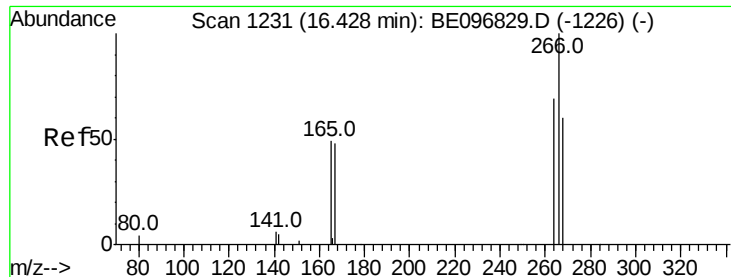
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.77 min Scan# 1260
Delta R.T. 0.00 min
Lab File: BE096902.D
Acq: 13 Jul 2018 12:17

Tgt Ion:188 Resp: 10988
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 15.7 3.6 5.4#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE0
Ion 80.00 (79.70 to 80.70): BE0





#22

Pentachlorophenol

Concen: 0.036 ng

RT: 16.40 min Scan# 1229

Delta R.T. -0.02 min

Lab File: BE096902.D

Acq: 13 Jul 2018 12:17

Instrument :

BNA_E

ClientSampleId :

PB111075BL

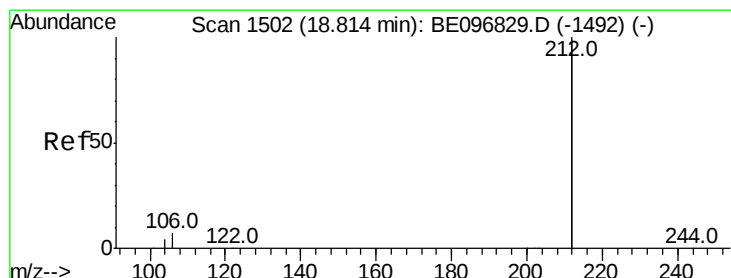
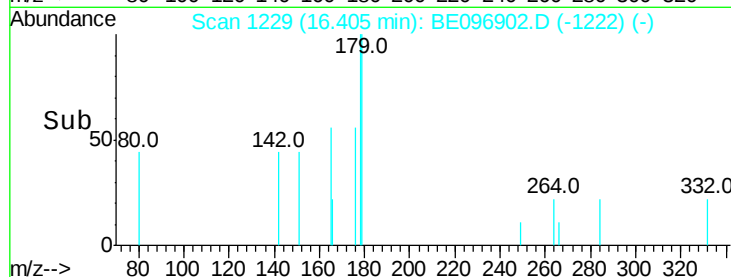
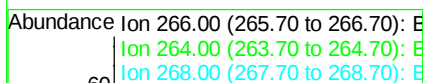
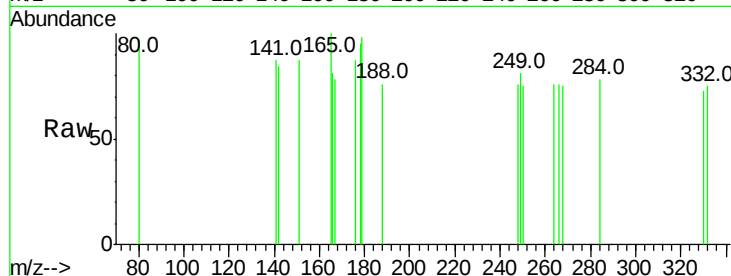
Tot Ion:266 Resp: 1

Ion Ratio Lower Upper

266 100

264 100.0 72.5 108.7

268 97.9 73.8 110.6



#25

Fluoranthene-d10

Concen: 0.401 ng

RT: 18.81 min Scan# 1502

Delta R.T. 0.00 min

Lab File: BE096902.D

Acq: 13 Jul 2018 12:17

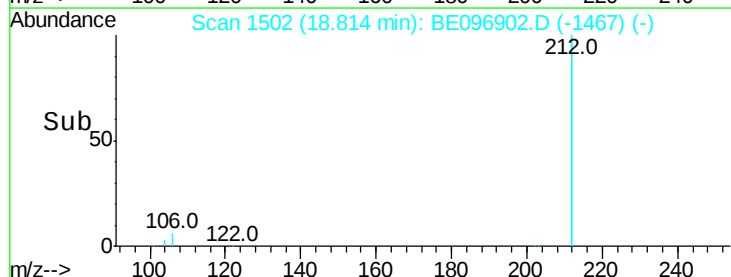
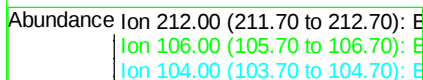
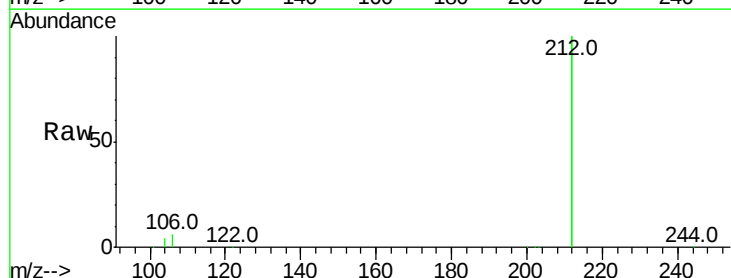
Tgt Ion:212 Resp: 38803

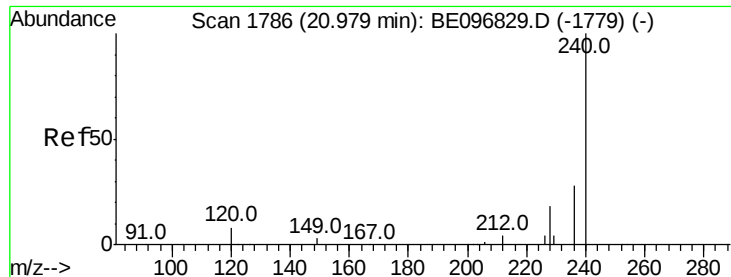
Ion Ratio Lower Upper

212 100

106 3.4 2.8 4.2

104 1.9 1.6 2.4





#27

Chrysene-d12

Concen: 0.400 ng

RT: 20.98 min Scan# 1786

Delta R.T. 0.00 min

Lab File: BE096902.D

Acq: 13 Jul 2018 12:17

Instrument :

BNA_E

ClientSampleId :

PB111075BL

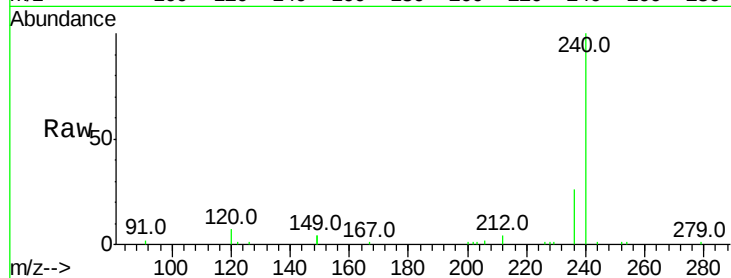
Tot Ion:240 Resp: 9552

Ion Ratio Lower Upper

240 100

120 7.1 5.5 8.3

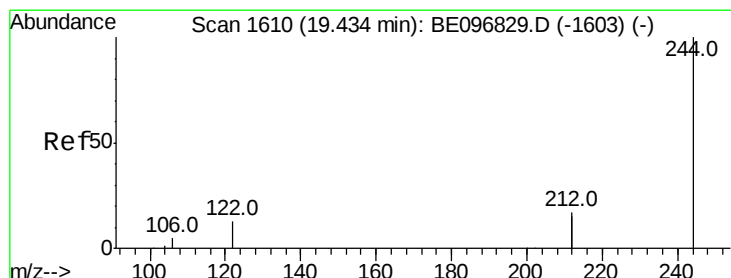
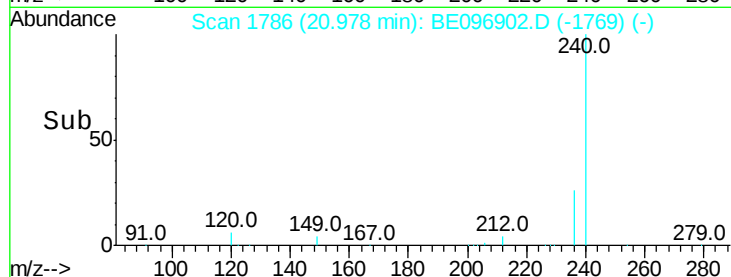
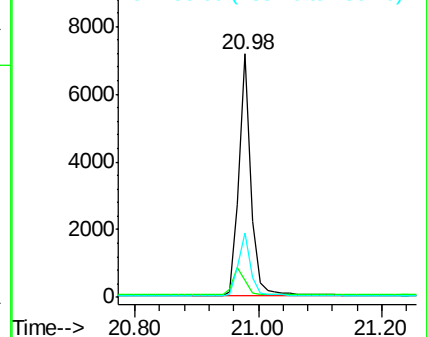
236 26.4 20.7 31.1



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: 0.525 ng

RT: 19.43 min Scan# 1610

Delta R.T. 0.00 min

Lab File: BE096902.D

Acq: 13 Jul 2018 12:17

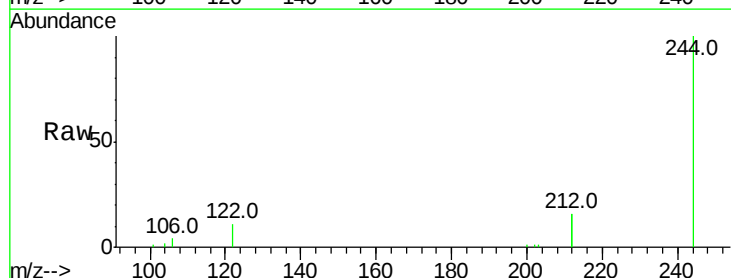
Tgt Ion:244 Resp: 9681

Ion Ratio Lower Upper

244 100

212 31.3 25.4 38.0

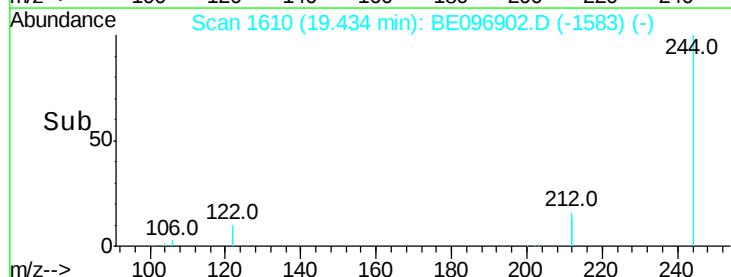
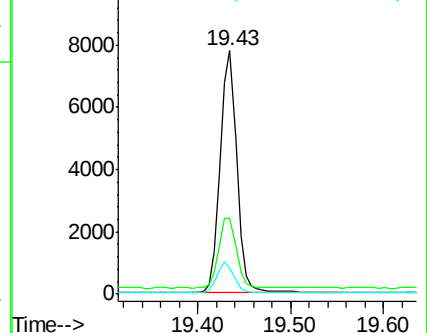
122 10.7 8.1 12.1

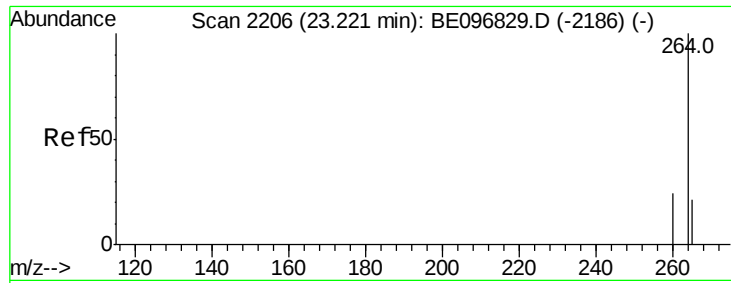


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

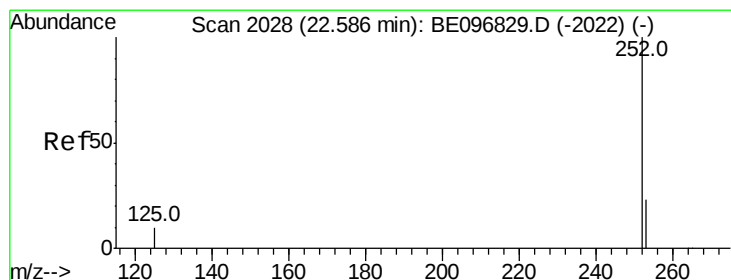
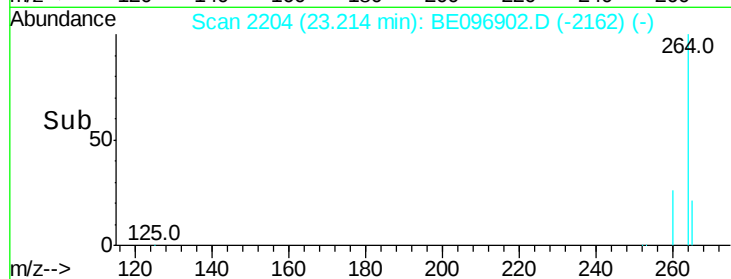
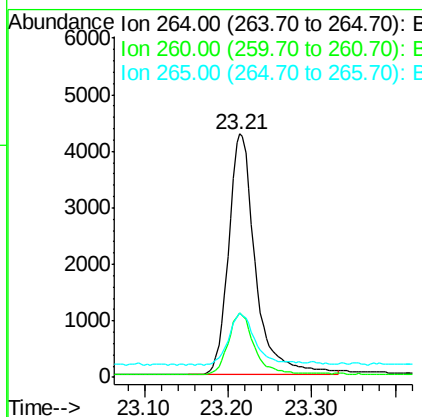
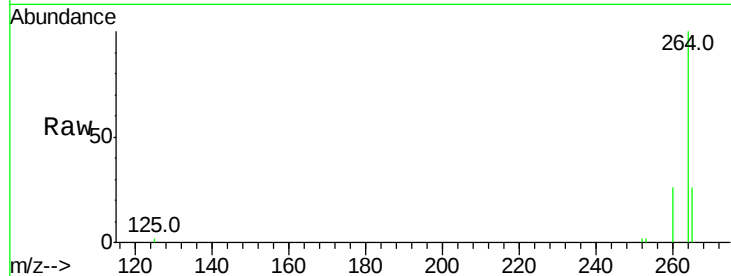




#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2204
Delta R.T. 0.00 min
Lab File: BE096902.D
Acq: 13 Jul 2018 12:17

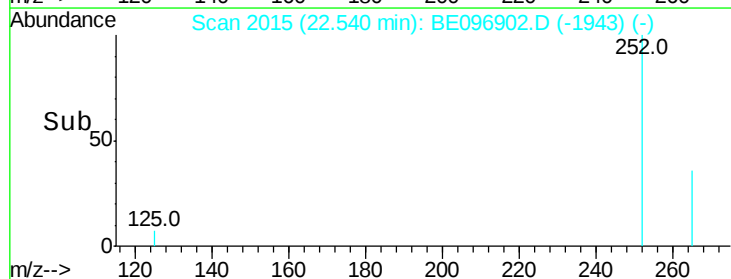
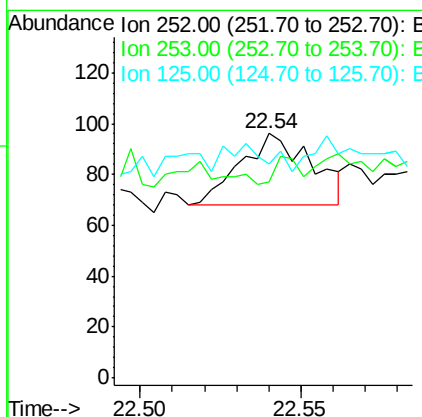
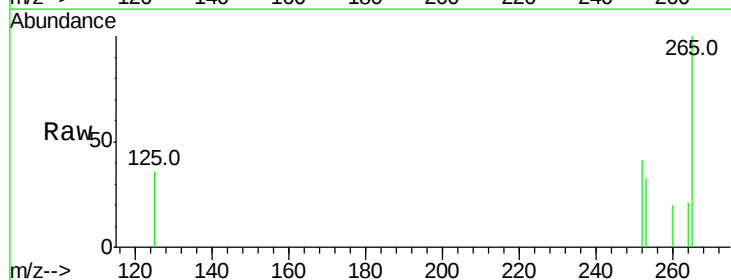
Instrument :
BNA_E
ClientSampleId :
PB111075BL

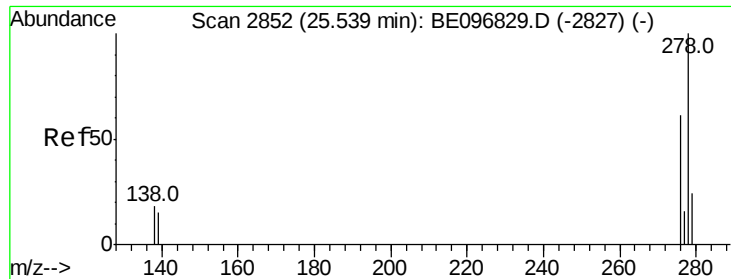
Tot Ion:264 Resp: 9522
Ion Ratio Lower Upper
264 100
260 26.4 20.5 30.7
265 26.4 22.8 34.2



#36
Benzo(k)fluoranthene
Concen: 0.085 ng
RT: 22.54 min Scan# 2015
Delta R.T. -0.04 min
Lab File: BE096902.D
Acq: 13 Jul 2018 12:17

Tgt Ion:252 Resp: 43
Ion Ratio Lower Upper
252 100
253 80.2 16.0 24.0#
125 87.5 8.0 12.0#





#38

Dibenzo(a,h)anthracene

Concen: 0.110 ng

RT: 25.54 min Scan# 2852

Delta R.T. 0.01 min

Lab File: BE096902.D

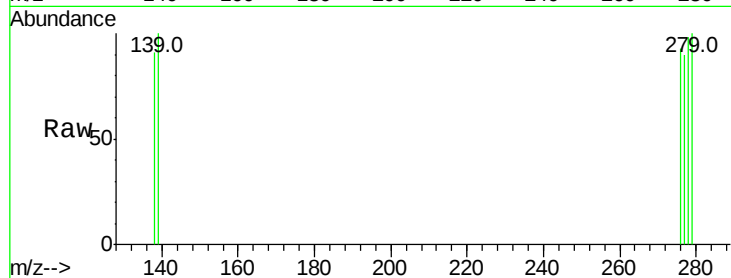
Acq: 13 Jul 2018 12:17

Instrument :

BNA_E

ClientSampleId :

PB111075BL



Tot Ion:278 Resp: 7

Ion Ratio Lower Upper

278 100

139 101.8 16.0 24.0#

279 101.8 20.0 30.0#

