

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061818\
 Data File : BE096822.D
 Acq On : 18 Jun 2018 23:31
 Operator : SJ/JU
 Sample : J3467-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jun 19 01:26:55 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 18 13:28:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	2976	0.40	ng	0.00
7) Naphthalene-d8	10.16	136	14318	0.40	ng	0.00
13) Acenaphthene-d10	14.03	164	8120	0.40	ng	0.00
19) Phenanthrene-d10	16.78	188	23080	0.40	ng	0.00
27) Chrysene-d12	20.98	240	26219	0.40	ng	0.00
34) Perylene-d12	23.22	264	26038	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.06	112	1674	0.26	ng	0.00
5) Phenol-d6	6.59	99	1506	0.15	ng	0.00
8) Nitrobenzene-d5	8.53	82	5005	0.63	ng	0.00
11) 2-Methylnaphthalene-d10	11.74	152	8933	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	1660	0.85	ng	0.00
15) 2-Fluorobiphenyl	12.64	172	17812	0.53	ng	0.00
25) Fluoranthene-d10	18.81	212	116160	0.51	ng	0.00
29) Terphenyl-d14	19.43	244	32397	0.55	ng	0.00

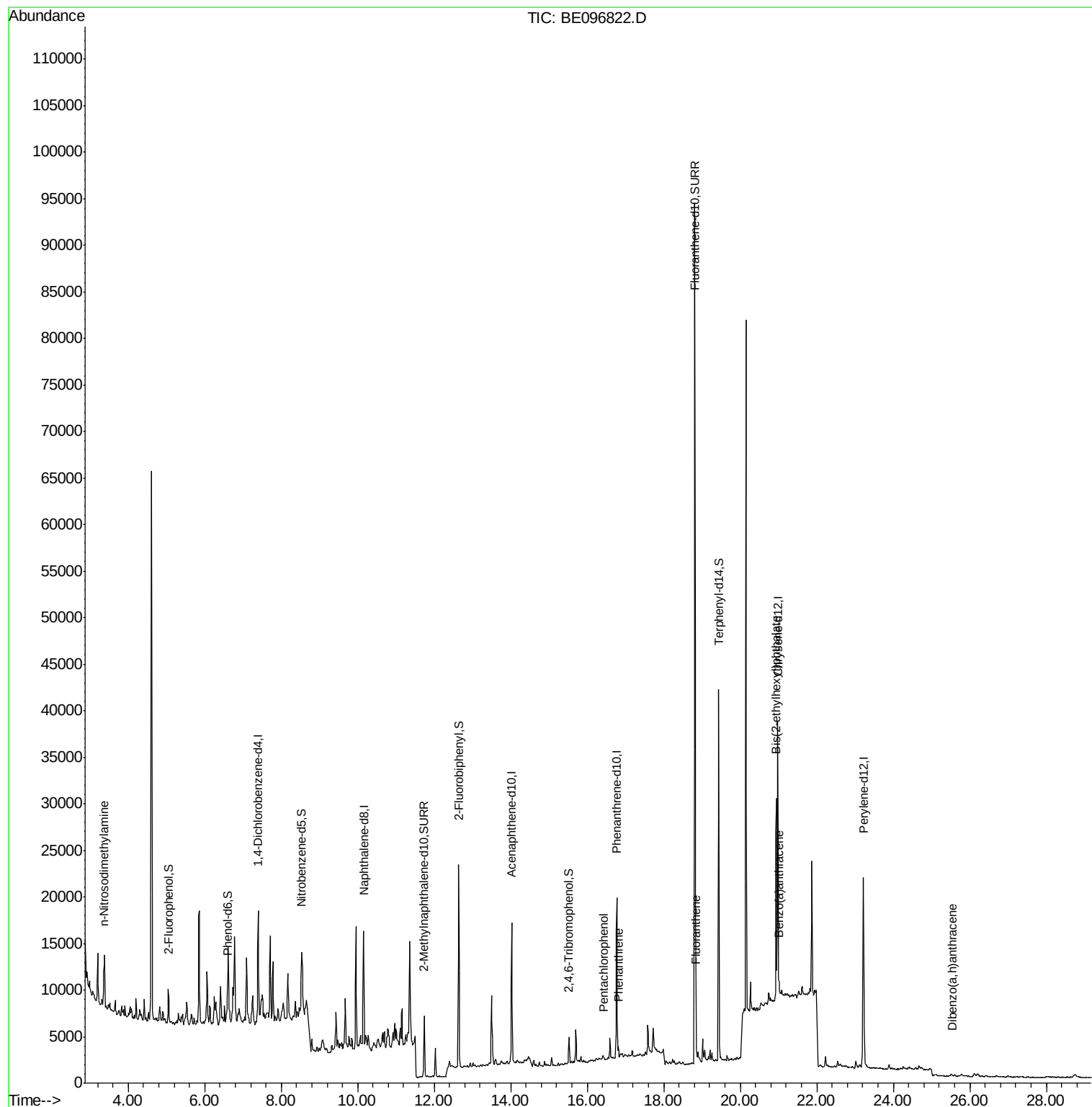
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.36	42	802	0.158	ng	# 1
22) Pentachlorophenol	16.43	266	73	0.118	ng	97
23) Phenanthrene	16.81	178	1265	0.020	ng	# 93
26) Fluoranthene	18.84	202	1553	0.023	ng	# 94
30) Benzo(a)anthracene	21.02	228	1432	0.023	ng	# 56
32) Bis(2-ethylhexyl)phthalate	20.94	149	29546	0.619	ng	100
38) Dibenzo(a,h)anthracene	25.54	278	9	0.077	ng	# 1

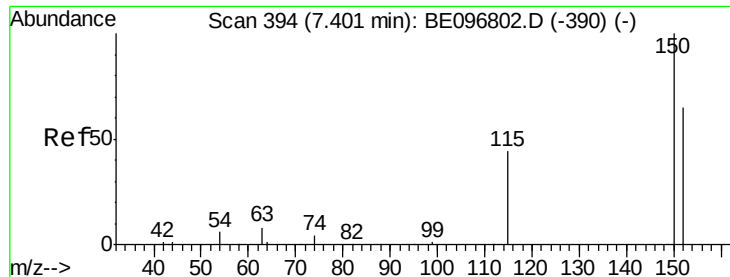
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061818\
Data File : BE096822.D
Acq On : 18 Jun 2018 23:31
Operator : SJ/JU
Sample : J3467-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jun 19 01:26:55 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 18 13:28:13 2018
Response via : Initial Calibration



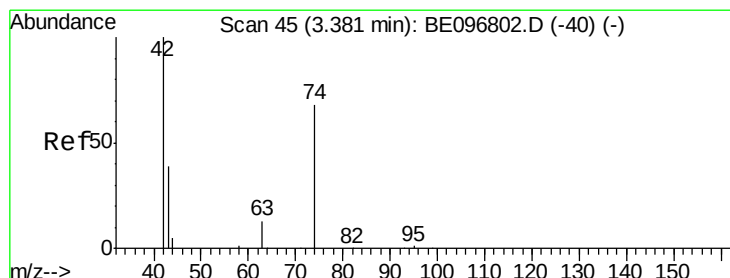
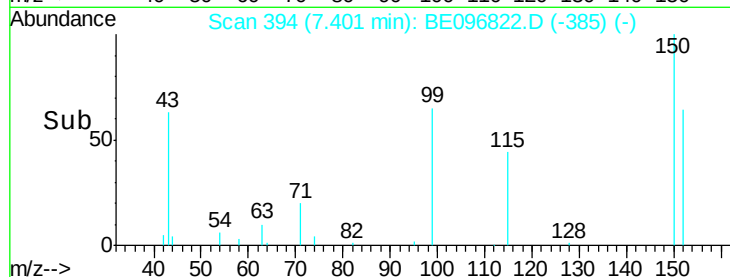
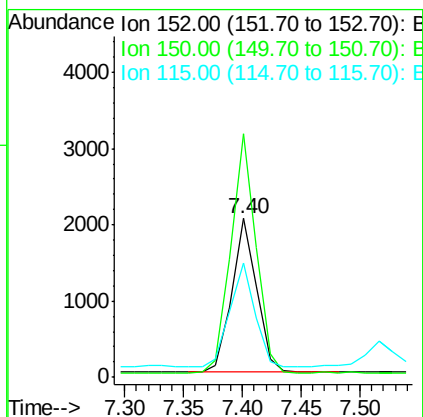
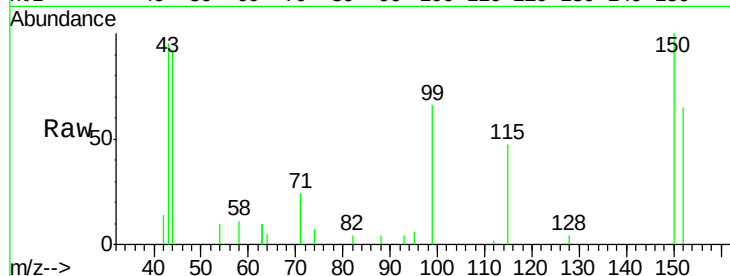


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 394
Delta R.T. -0.00 min
Lab File: BE096822.D
Acq: 18 Jun 2018 23:31

Instrument :
BNA_E
ClientSampleId :

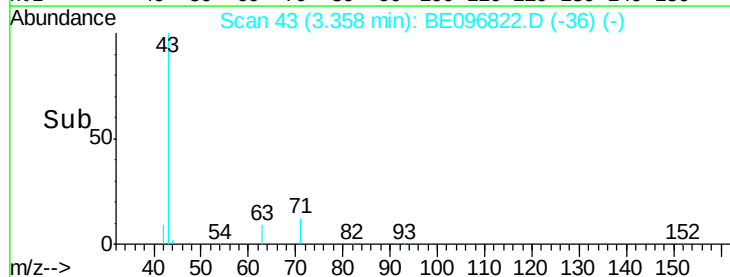
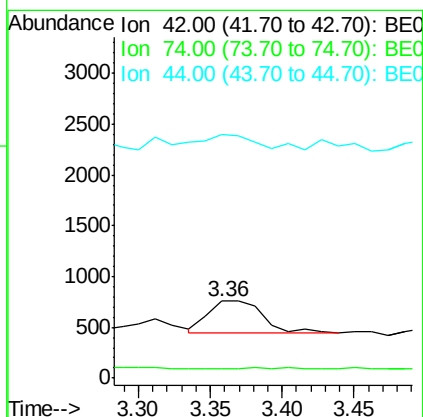
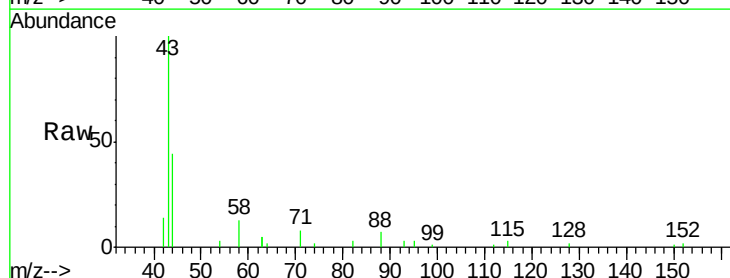
Tot Ion:152 Resp: 2976
Ion Ratio Lower Upper
152 100
150 153.1 117.2 175.8
115 72.0 57.0 85.6

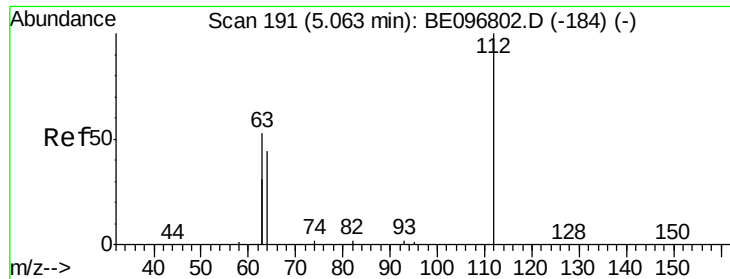


#3

n-Nitrosodimethylamine
Concen: 0.158 ng
RT: 3.36 min Scan# 43
Delta R.T. -0.02 min
Lab File: BE096822.D
Acq: 18 Jun 2018 23:31

Tgt Ion: 42 Resp: 802
Ion Ratio Lower Upper
42 100
74 0.0 96.0 144.0#
44 35.5 12.0 18.0#





#4

2-Fluorophenol

Concen: 0.257 ng

RT: 5.06 min Scan# 191

Delta R.T. -0.00 min

Lab File: BE096822.D

Acq: 18 Jun 2018 23:31

Instrument :

BNA_E

ClientSampleId :

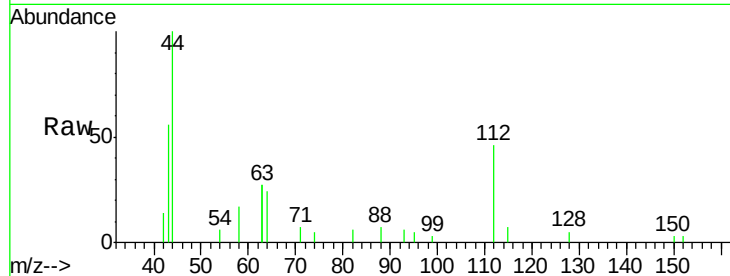
Tot Ion:112 Resp: 1674

Ion Ratio Lower Upper

112 100

64 69.7 60.1 90.1

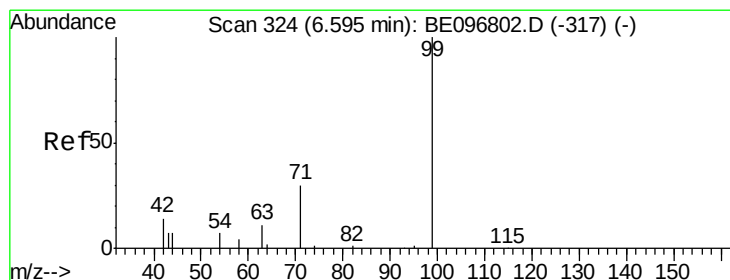
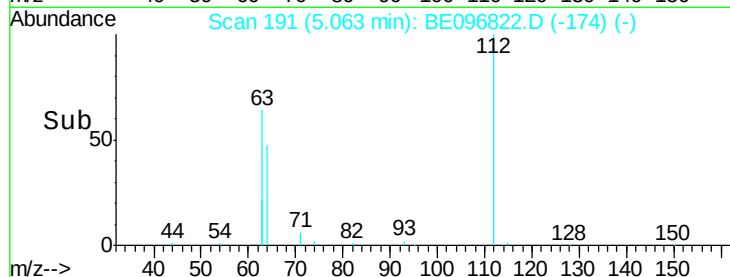
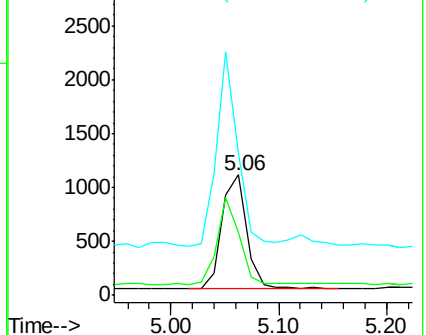
63 150.2 116.8 175.2



Abundance Ion 112.00 (111.70 to 112.70): BE096822.D (-184) (-)

Ion 64.00 (63.70 to 64.70): BE096822.D (-184) (-)

Ion 63.00 (62.70 to 63.70): BE096822.D (-184) (-)



#5

Phenol-d6

Concen: 0.155 ng

RT: 6.59 min Scan# 324

Delta R.T. -0.00 min

Lab File: BE096822.D

Acq: 18 Jun 2018 23:31

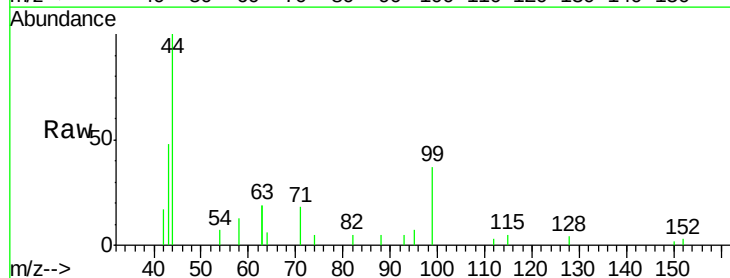
Tgt Ion: 99 Resp: 1506

Ion Ratio Lower Upper

99 100

42 24.5 20.2 30.2

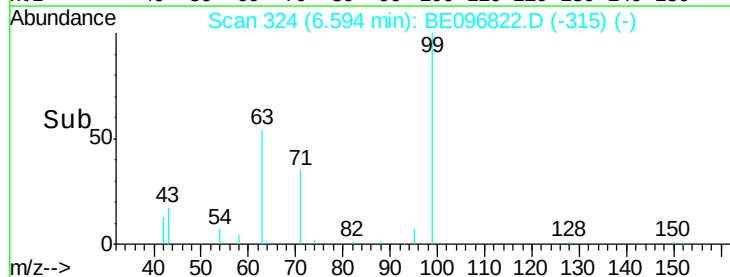
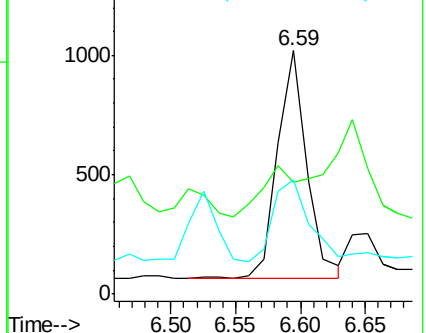
71 45.1 28.4 42.6#

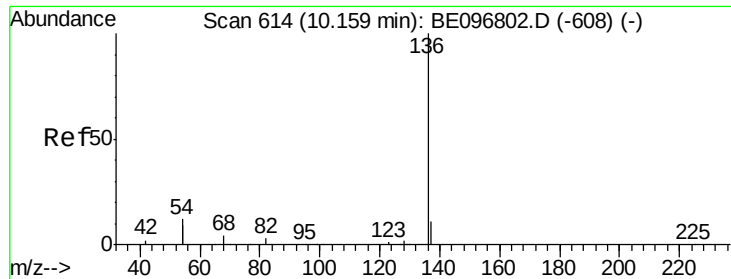


Abundance Ion 99.00 (98.70 to 99.70): BE096822.D (-317) (-)

Ion 42.00 (41.70 to 42.70): BE096822.D (-317) (-)

Ion 71.00 (70.70 to 71.70): BE096822.D (-317) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.16 min Scan# 614

Delta R.T. 0.00 min

Lab File: BE096822.D

Acq: 18 Jun 2018 23:31

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 14318

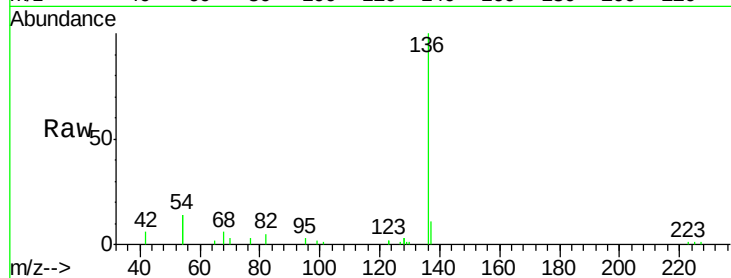
Ion Ratio Lower Upper

136 100

137 11.2 9.5 14.3

54 28.4 29.1 43.7#

68 6.4 6.2 9.2

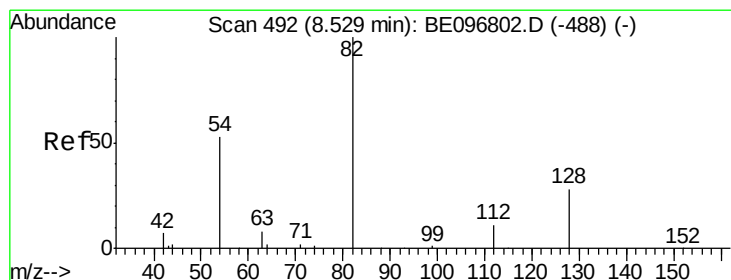
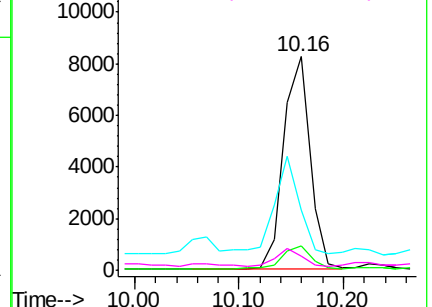
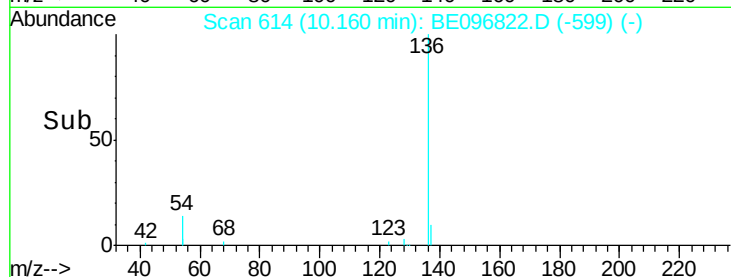


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.628 ng

RT: 8.53 min Scan# 492

Delta R.T. -0.00 min

Lab File: BE096822.D

Acq: 18 Jun 2018 23:31

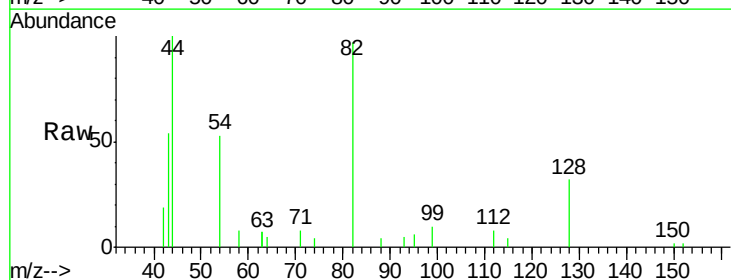
Tgt Ion: 82 Resp: 5005

Ion Ratio Lower Upper

82 100

128 33.0 24.0 36.0

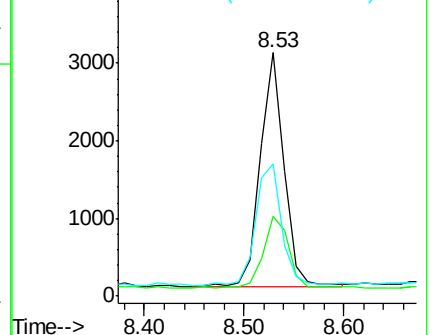
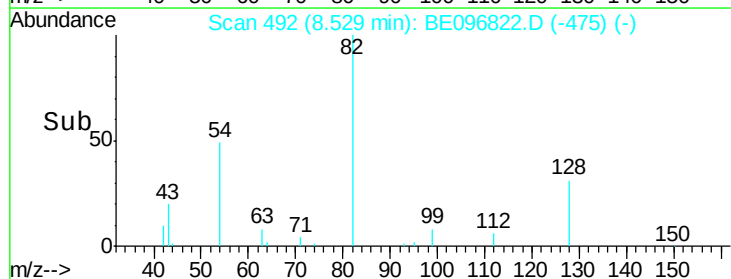
54 54.4 40.0 60.0

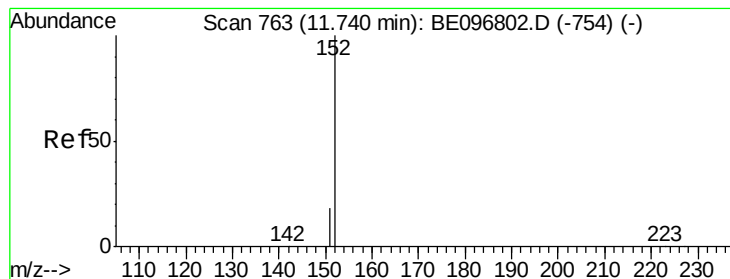


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.391 ng

RT: 11.74 min Scan# 763

Delta R.T. -0.00 min

Lab File: BE096822.D

Acq: 18 Jun 2018 23:31

Instrument :

BNA_E

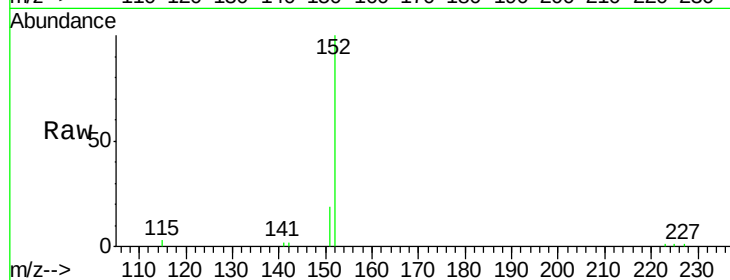
ClientSampleId :

Tot Ion:152 Resp: 8933

Ion Ratio Lower Upper

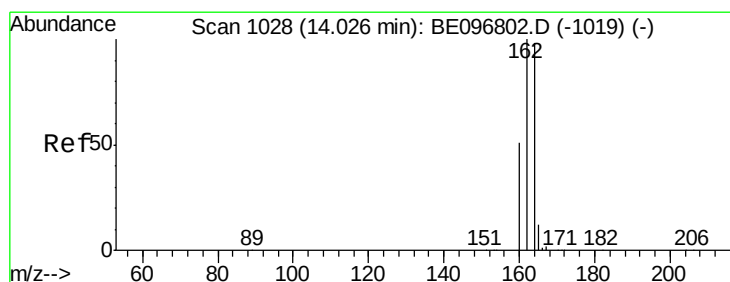
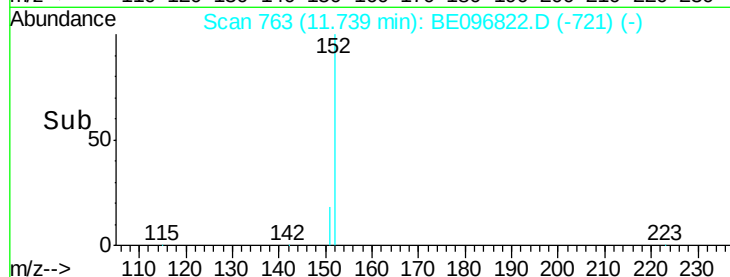
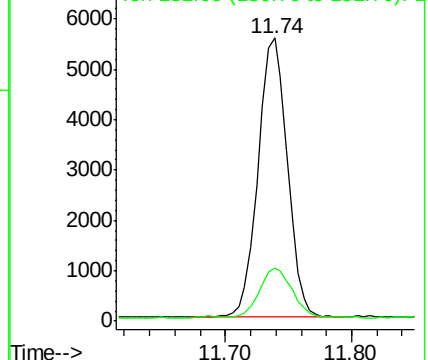
152 100

151 19.7 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.03 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BE096822.D

Acq: 18 Jun 2018 23:31

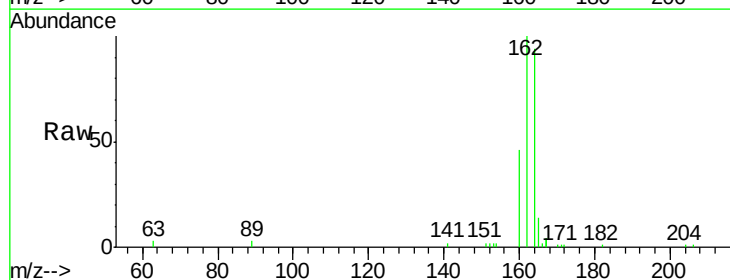
Tgt Ion:164 Resp: 8120

Ion Ratio Lower Upper

164 100

162 106.2 83.1 124.7

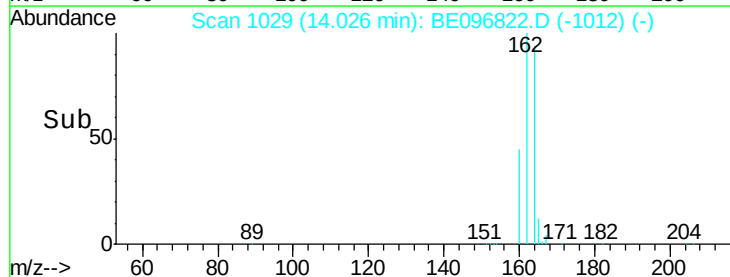
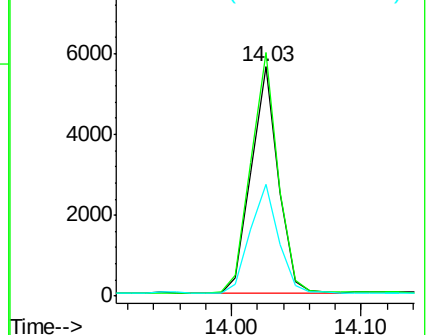
160 48.9 37.1 55.7

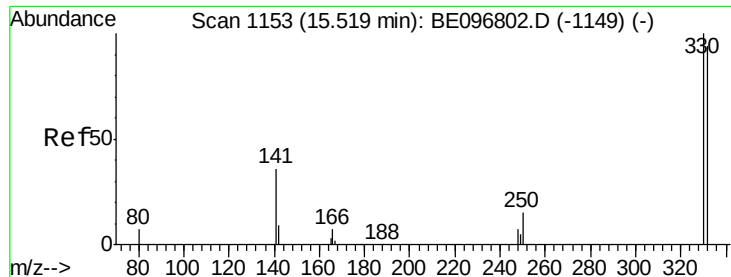


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

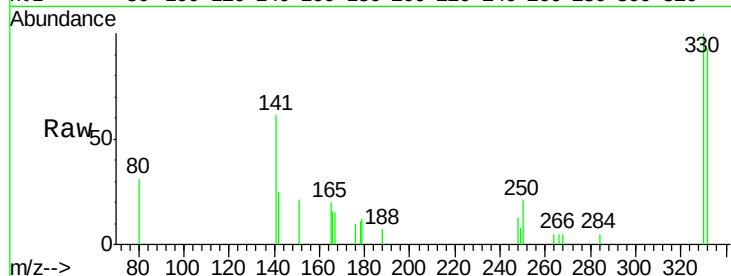




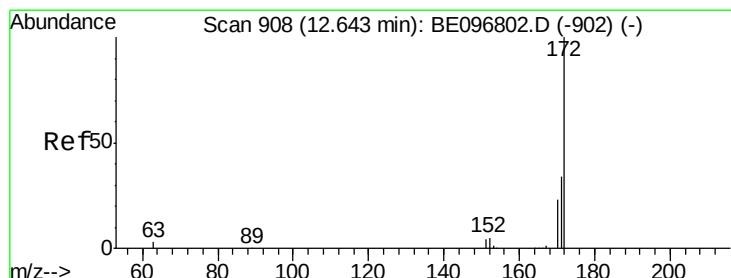
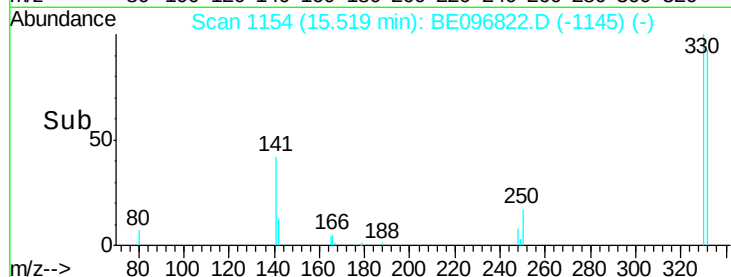
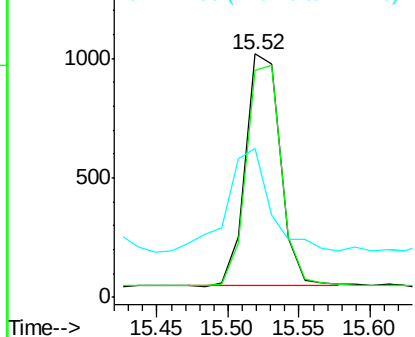
#14
 2,4,6-Tribromophenol
 Concen: 0.852 ng
 RT: 15.52 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BE096822.D
 Acq: 18 Jun 2018 23:31

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:330 Resp: 1660
 Ion Ratio Lower Upper
 330 100
 332 95.6 152.7 229.1#
 141 54.8 33.7 50.5#

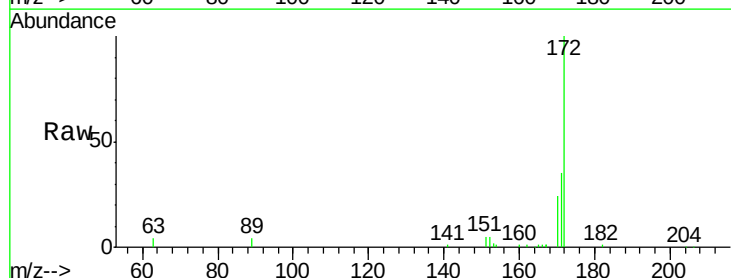


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

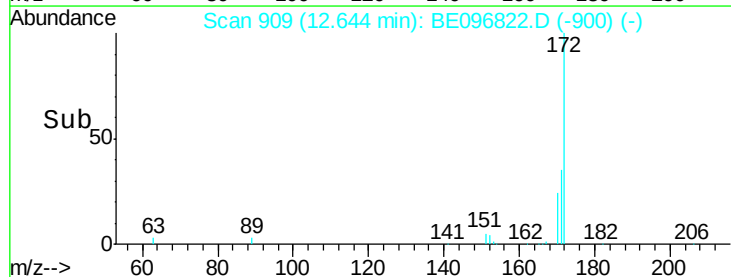
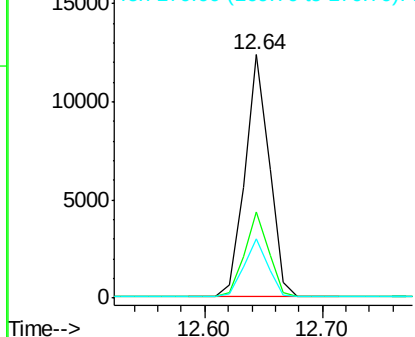


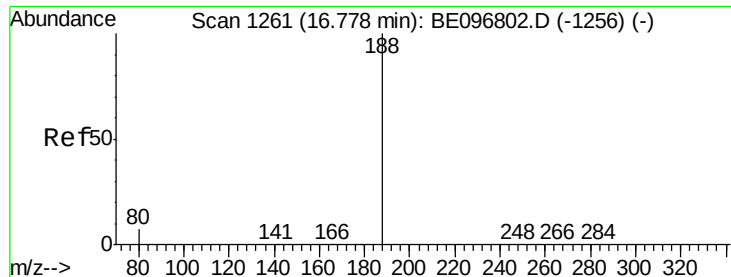
#15
 2-Fluorobiphenyl
 Concen: 0.533 ng
 RT: 12.64 min Scan# 909
 Delta R.T. 0.00 min
 Lab File: BE096822.D
 Acq: 18 Jun 2018 23:31

Tgt Ion:172 Resp: 17812
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.9 44.9
 170 24.4 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: 16.78 min Scan# 1262

Delta R.T. -0.00 min

Lab File: BE096822.D

Acq: 18 Jun 2018 23:31

Instrument :

BNA_E

ClientSampleId :

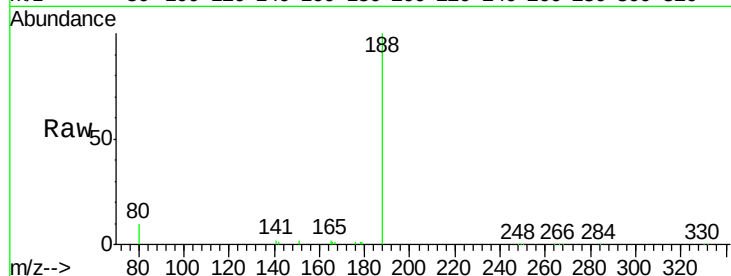
Tot Ion:188 Resp: 23080

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

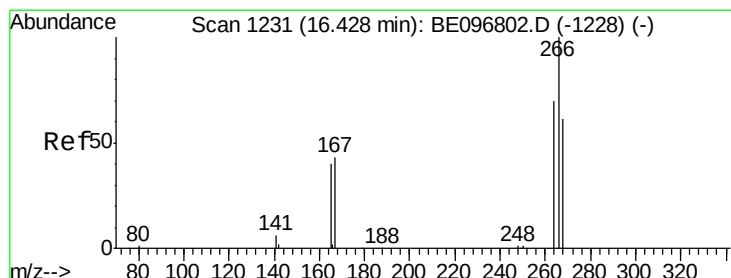
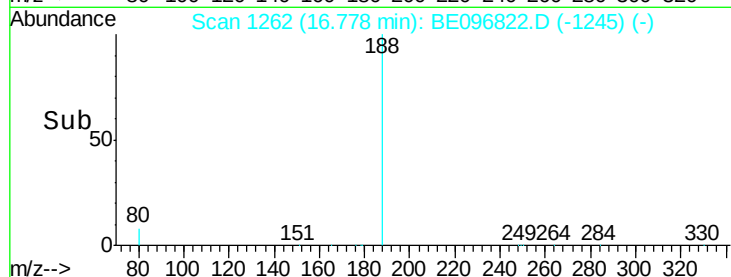
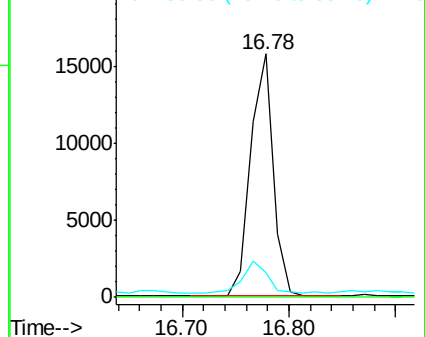
80 10.3 3.6 5.4#



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: 0.118 ng

RT: 16.43 min Scan# 1232

Delta R.T. 0.00 min

Lab File: BE096822.D

Acq: 18 Jun 2018 23:31

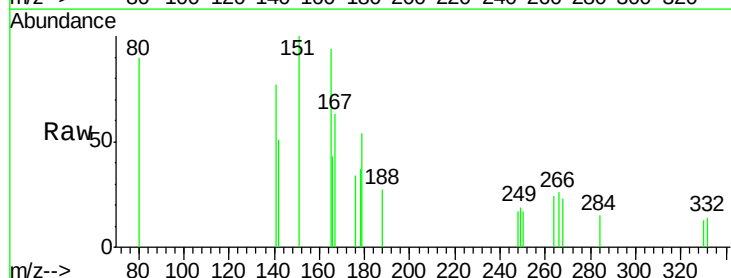
Tgt Ion:266 Resp: 73

Ion Ratio Lower Upper

266 100

264 92.0 72.5 108.7

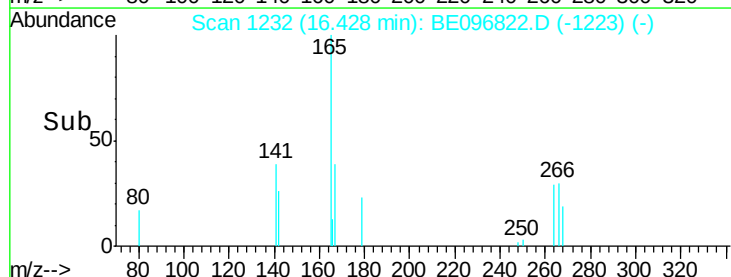
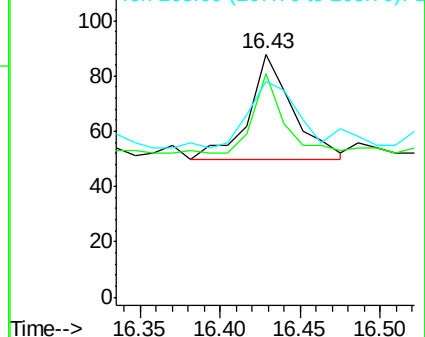
268 88.6 73.8 110.6

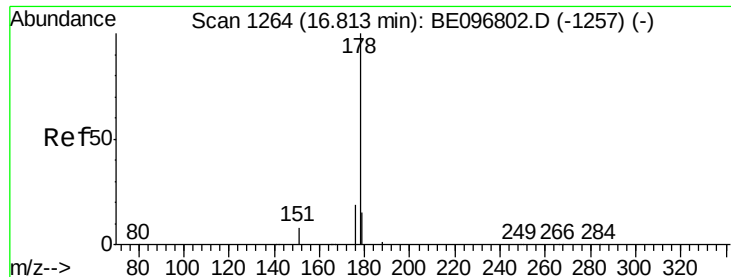


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

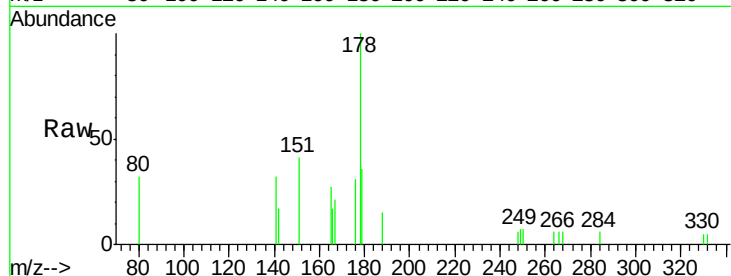




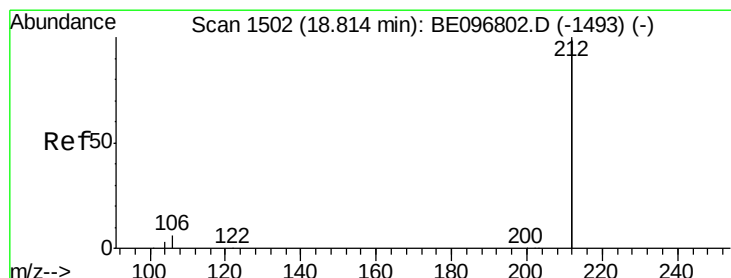
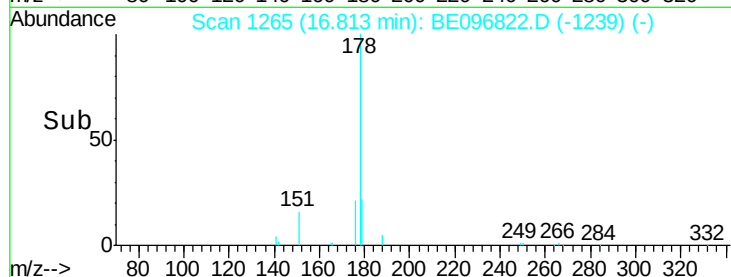
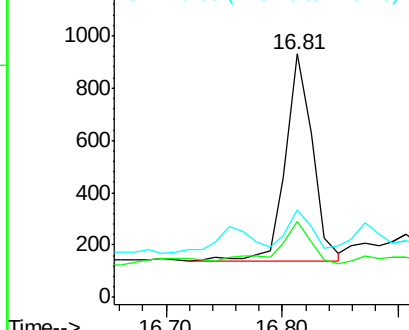
#23
Phenanthrene
Concen: 0.020 ng
RT: 16.81 min Scan# 1265
Delta R.T. -0.00 min
Lab File: BE096822.D
Acq: 18 Jun 2018 23:31

Instrument :
BNA_E
ClientSampleId :

Tot Ion:178 Resp: 1265
Ion Ratio Lower Upper
178 100
176 24.3 15.1 22.7#
179 15.3 11.8 17.6

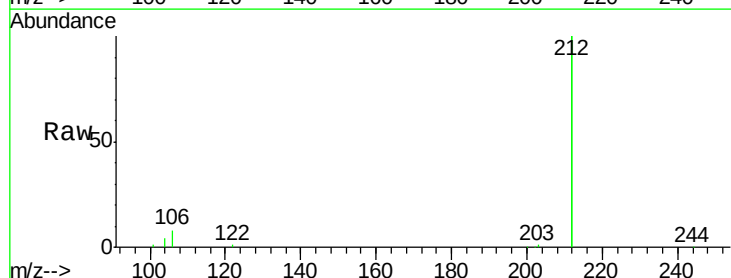


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

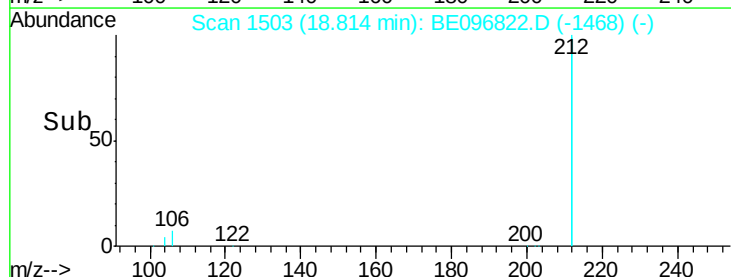
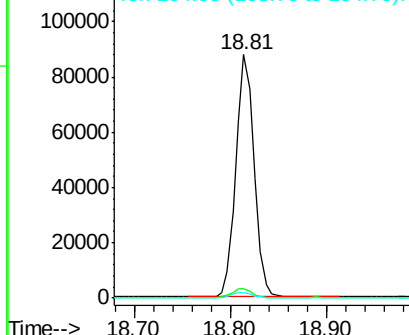


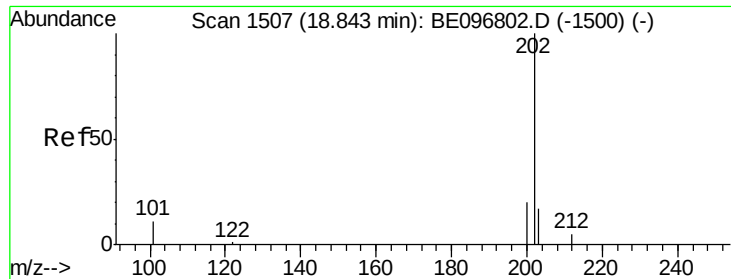
#25
Fluoranthene-d10
Concen: 0.514 ng
RT: 18.81 min Scan# 1503
Delta R.T. -0.00 min
Lab File: BE096822.D
Acq: 18 Jun 2018 23:31

Tgt Ion:212 Resp: 116160
Ion Ratio Lower Upper
212 100
106 3.6 2.8 4.2
104 2.0 1.6 2.4



Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E

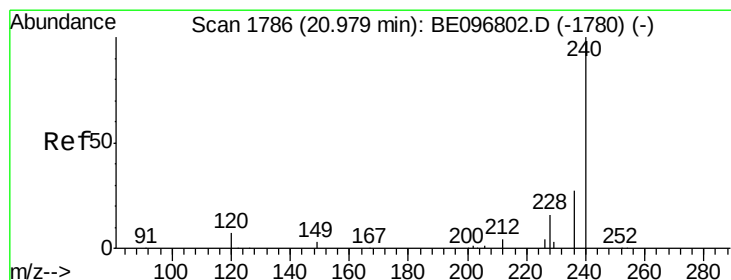
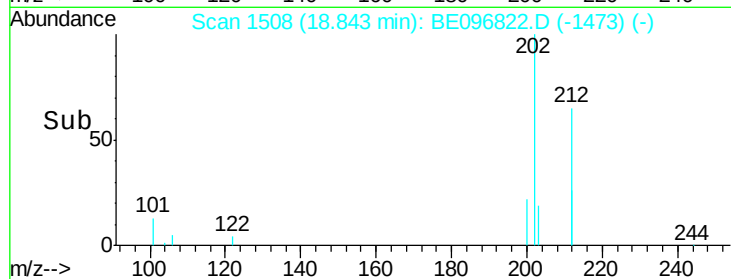
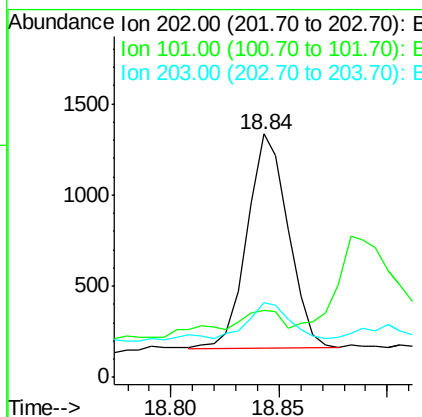
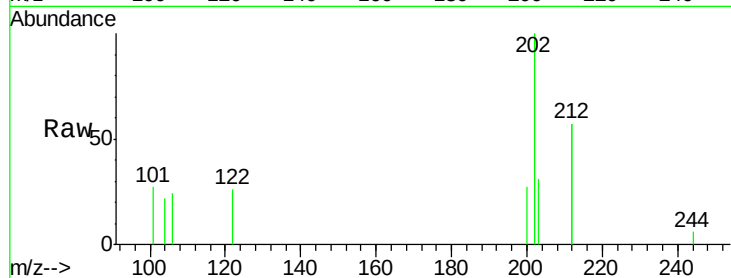




#26
Fluoranthene
Concen: 0.023 ng
RT: 18.84 min Scan# 1508
Delta R.T. -0.00 min
Lab File: BE096822.D
Acq: 18 Jun 2018 23:31

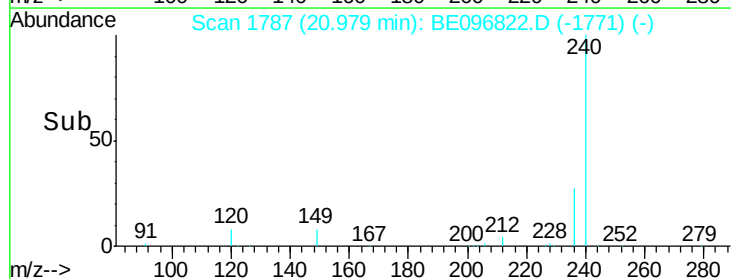
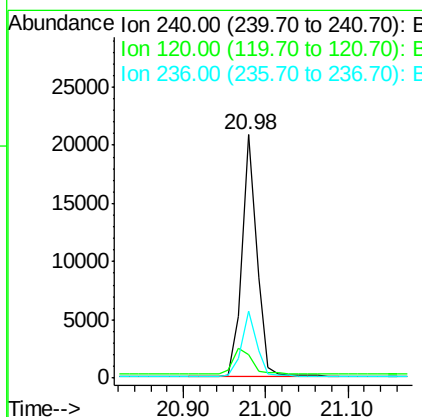
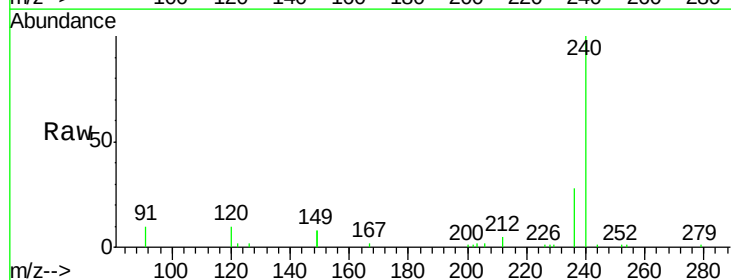
Instrument :
BNA_E
ClientSampleId :

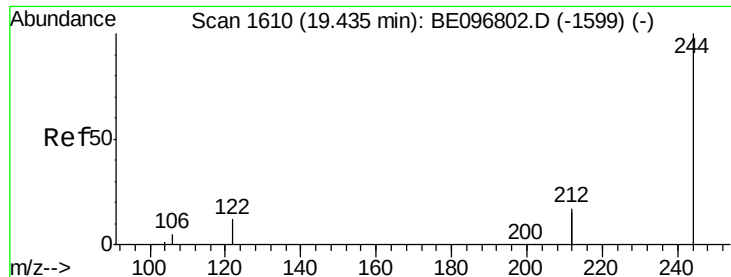
Tot Ion:202 Resp: 1553
Ion Ratio Lower Upper
202 100
101 17.7 9.8 14.8#
203 17.0 13.7 20.5



#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.98 min Scan# 1787
Delta R.T. -0.00 min
Lab File: BE096822.D
Acq: 18 Jun 2018 23:31

Tgt Ion:240 Resp: 26219
Ion Ratio Lower Upper
240 100
120 9.6 5.5 8.3#
236 27.6 20.7 31.1





#29

Terphenyl-d14

Concen: 0.545 ng

RT: 19.43 min Scan# 1611

Delta R.T. -0.00 min

Lab File: BE096822.D

Acq: 18 Jun 2018 23:31

Instrument :

BNA_E

ClientSampleId :

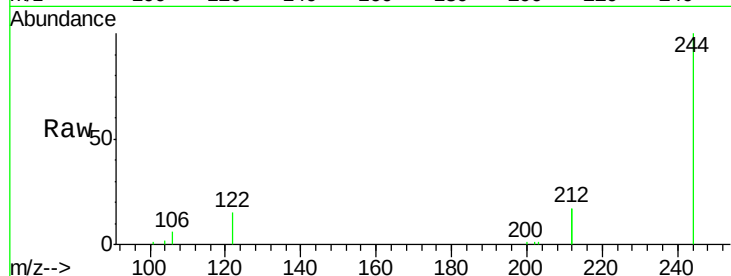
Tot Ion:244 Resp: 32397

Ion Ratio Lower Upper

244 100

212 33.6 25.4 38.0

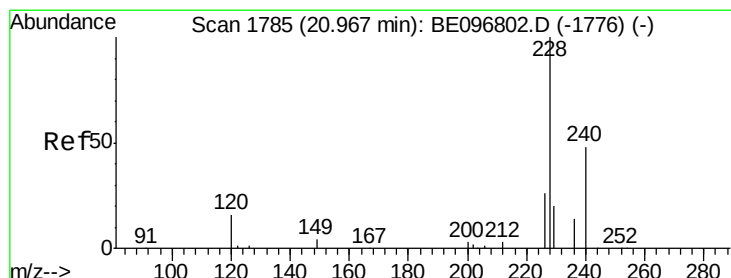
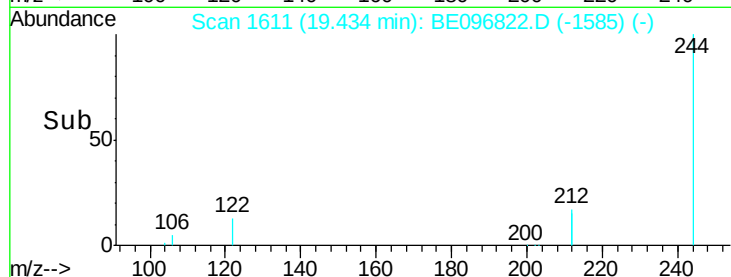
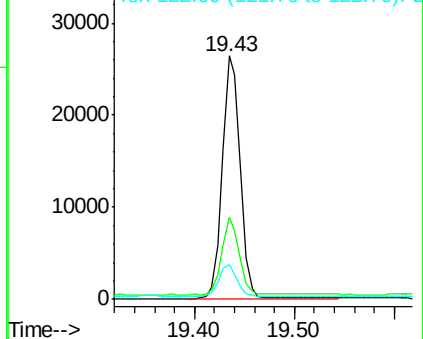
122 14.6 8.1 12.1#



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: 0.023 ng

RT: 21.02 min Scan# 1790

Delta R.T. 0.05 min

Lab File: BE096822.D

Acq: 18 Jun 2018 23:31

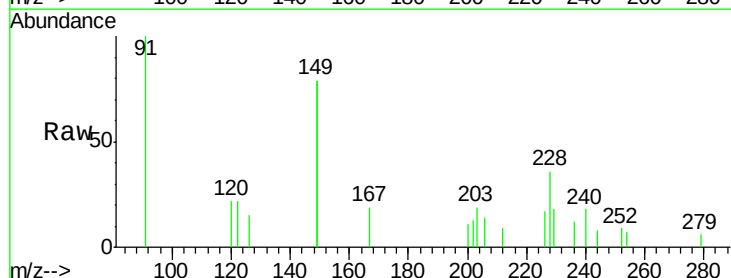
Tgt Ion:228 Resp: 1432

Ion Ratio Lower Upper

228 100

226 46.6 24.0 36.0#

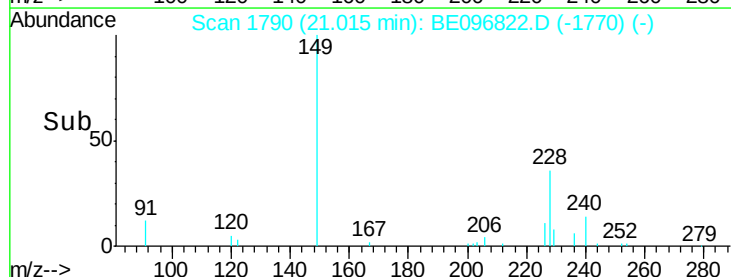
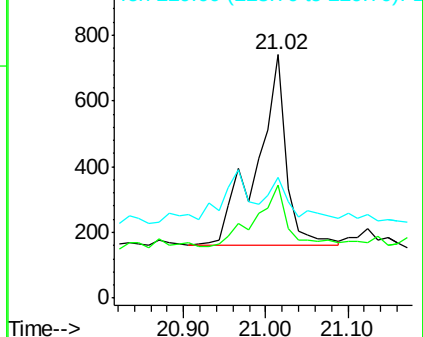
229 49.7 16.0 24.0#

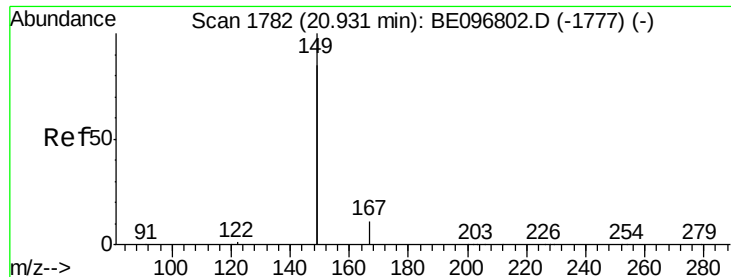


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.619 ng

RT: 20.94 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BE096822.D

Acq: 18 Jun 2018 23:31

Instrument :

BNA_E

ClientSampleId :

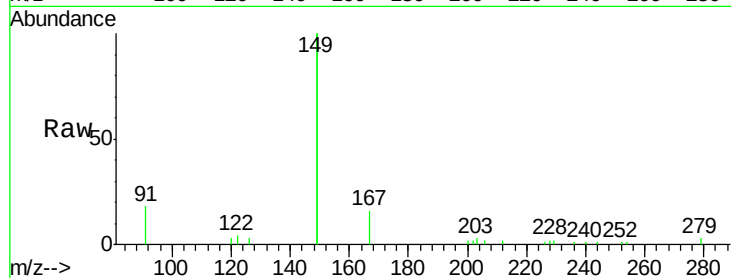
Tot Ion:149 Resp: 29546

Ion Ratio Lower Upper

149 100

167 6.8 5.4 8.0

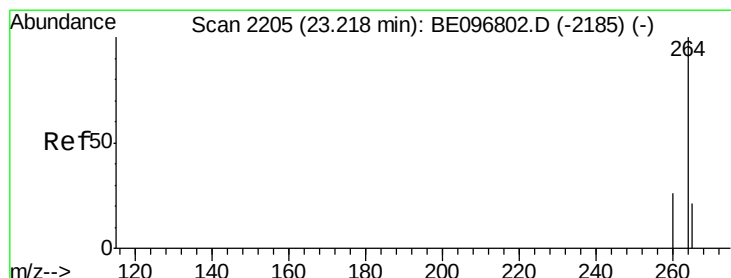
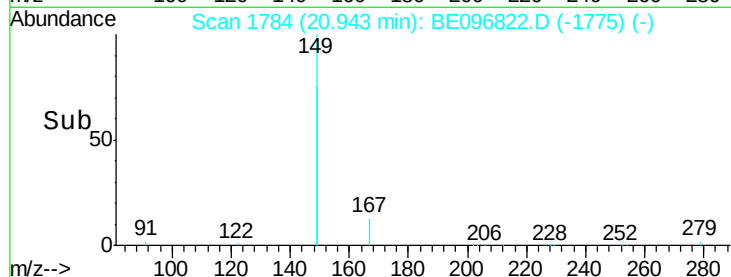
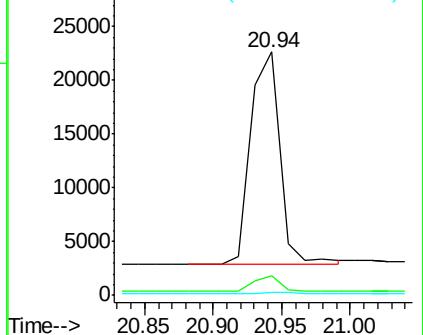
279 1.1 0.7 1.1



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

Perylene-d12

Concen: 0.400 ng

RT: 23.22 min Scan# 2206

Delta R.T. -0.00 min

Lab File: BE096822.D

Acq: 18 Jun 2018 23:31

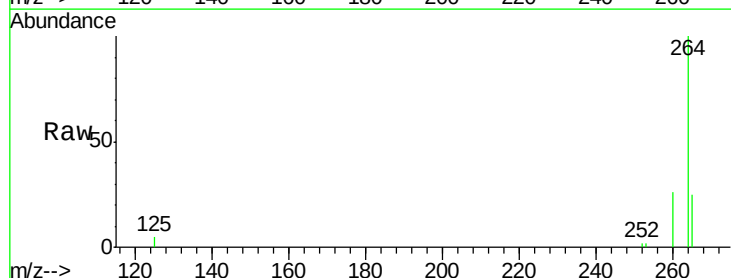
Tgt Ion:264 Resp: 26038

Ion Ratio Lower Upper

264 100

260 25.6 20.5 30.7

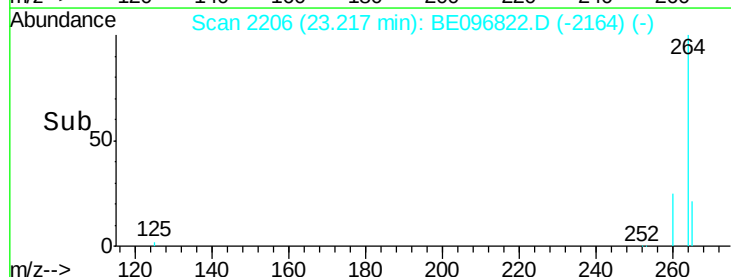
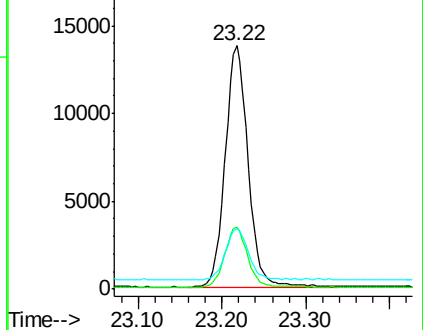
265 24.7 22.8 34.2

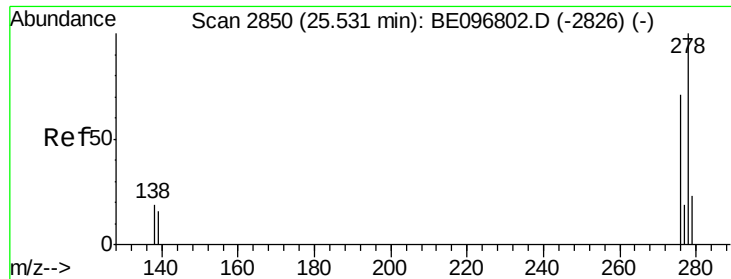


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#38

Dibenzo(a,h)anthracene

Concen: 0.077 ng

RT: 25.54 min Scan# 2852

Delta R.T. 0.00 min

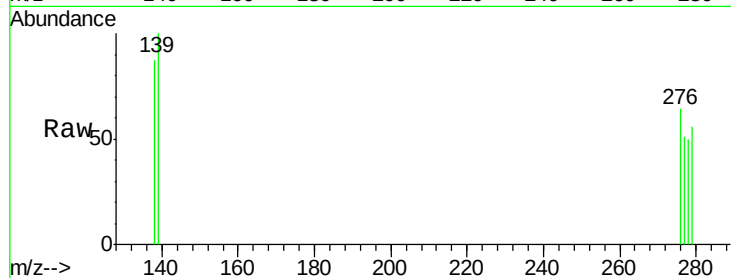
Lab File: BE096822.D

Acq: 18 Jun 2018 23:31

Instrument :

BNA_E

ClientSampleId :



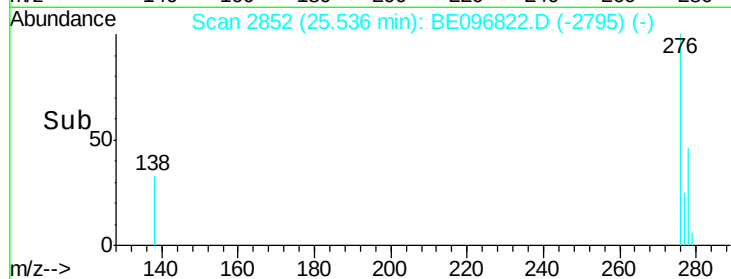
Tot Ion: 278 Resp: 9

Ion Ratio Lower Upper

278 100

139 199.1 16.0 24.0#

279 111.3 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

