

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072318\
 Data File : BE097040.D
 Acq On : 23 Jul 2018 16:35
 Operator : SJ/JU
 Sample : J4048-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 FB02-071718

Quant Time: Jul 23 17:15:36 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 11:34:20 2018
 Response via : Initial Calibration

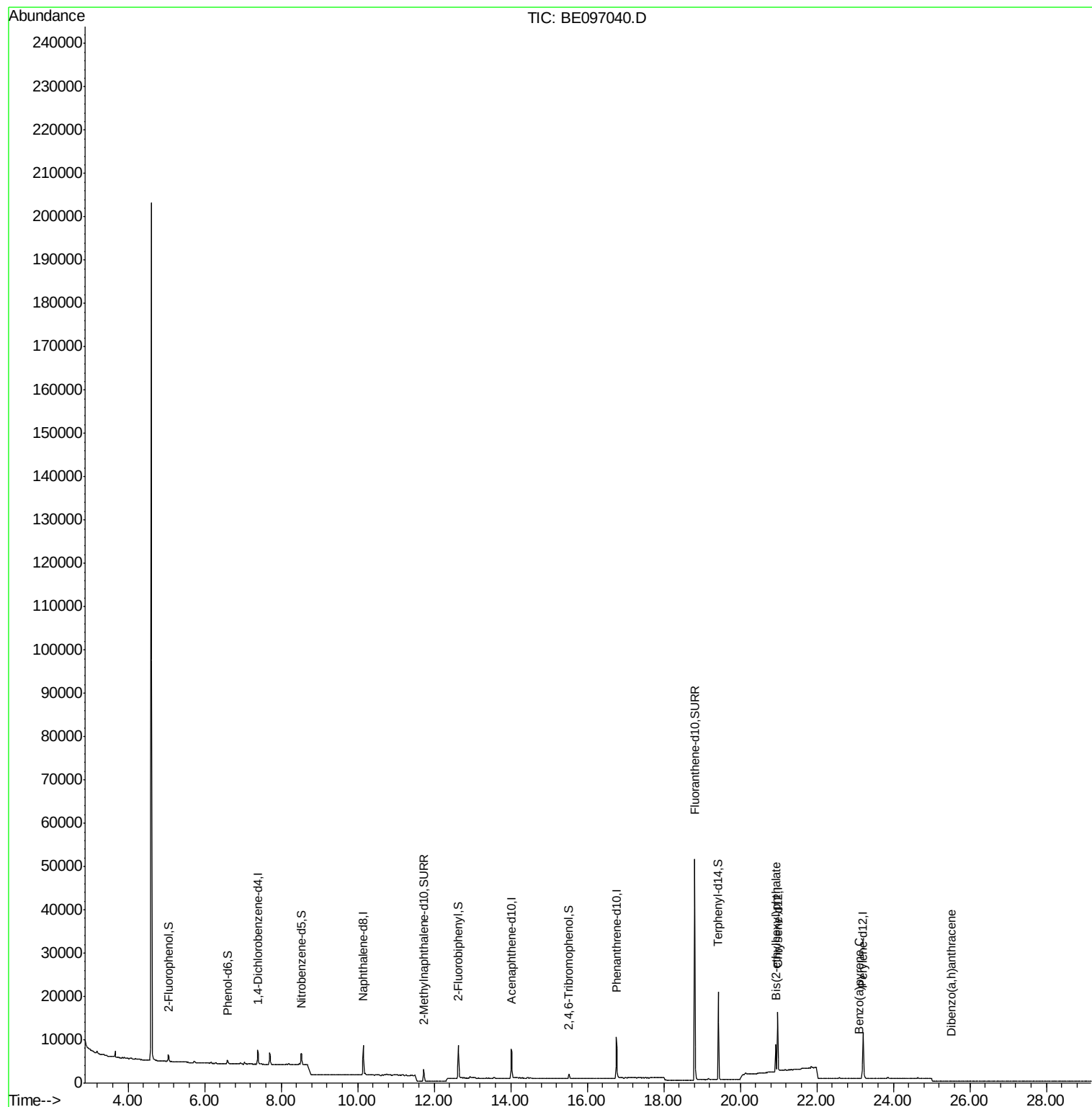
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1531	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	7250	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	4418	0.40	ng	0.00
19) Phenanthrene-d10	16.77	188	13099	0.40	ng	0.00
27) Chrysene-d12	20.98	240	14480	0.40	ng	0.00
34) Perylene-d12	23.21	264	14350	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.06	112	805	0.22	ng	0.01
5) Phenol-d6	6.60	99	745	0.13	ng	0.00
8) Nitrobenzene-d5	8.53	82	2621	0.50	ng	0.01
11) 2-Methylnaphthalene-d10	11.73	152	4029	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	644	0.61	ng	0.00
15) 2-Fluorobiphenyl	12.63	172	7256	0.44	ng	0.00
25) Fluoranthene-d10	18.81	212	64091	0.56	ng	0.00
29) Terphenyl-d14	19.43	244	17274	0.62	ng	0.00
Target Compounds						
22) Pentachlorophenol	16.42	266	13	Below Cal		94
32) Bis(2-ethylhexyl)phthalate	20.93	149	8636	0.251 ng	#	100
37) Benzo(a)pyrene	23.11	252	28	0.102 ng	#	1
38) Dibenzo(a,h)anthracene	25.52	278	3	0.118 ng	#	1

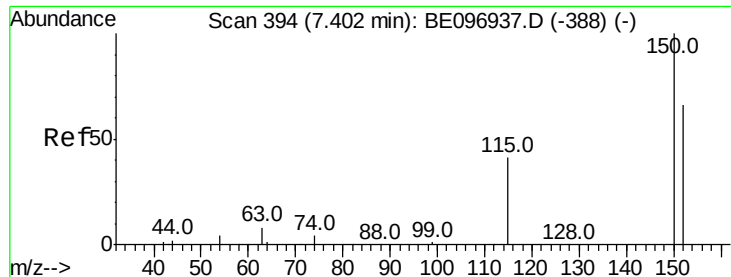
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.39 min Scan# 393

Delta R.T. -0.00 min

Lab File: BE097040.D

Acq: 23 Jul 2018 16:35

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FB02-071718

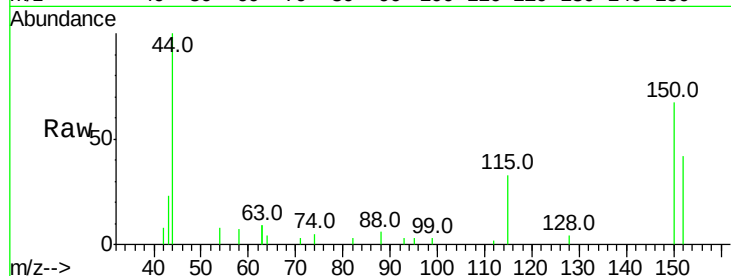
Tot Ion:152 Resp: 1531

Ion Ratio Lower Upper

152 100

150 157.5 117.2 175.8

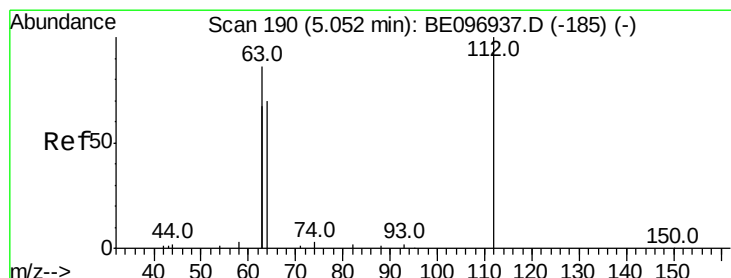
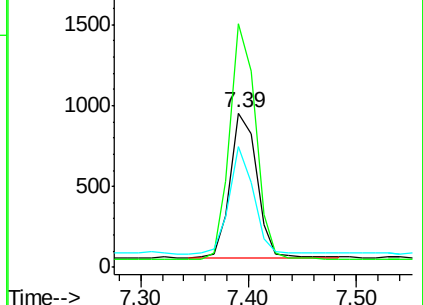
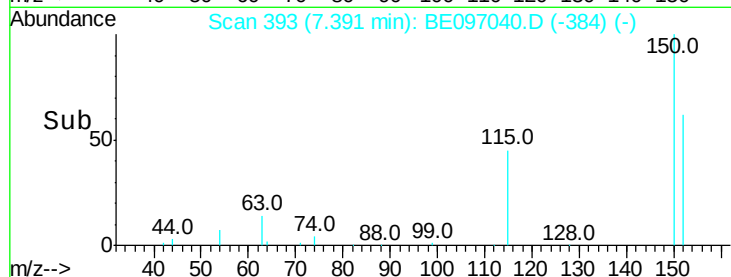
115 78.2 57.0 85.6



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: 0.220 ng

RT: 5.06 min Scan# 191

Delta R.T. 0.01 min

Lab File: BE097040.D

Acq: 23 Jul 2018 16:35

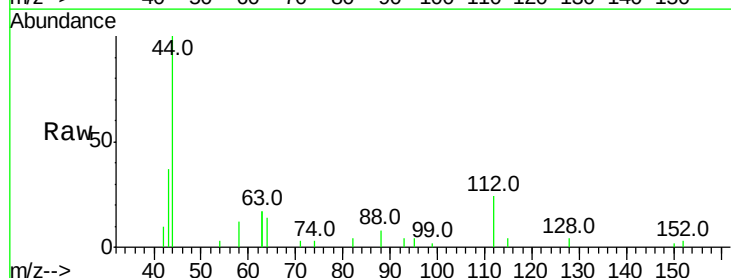
Tgt Ion:112 Resp: 805

Ion Ratio Lower Upper

112 100

64 68.3 60.1 90.1

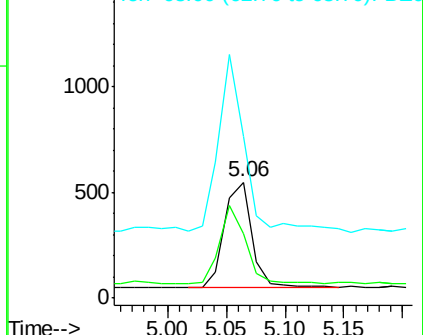
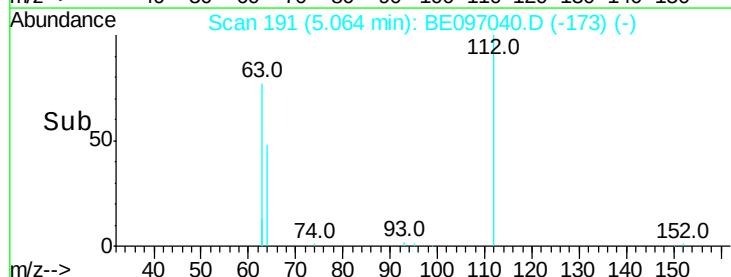
63 163.1 116.8 175.2

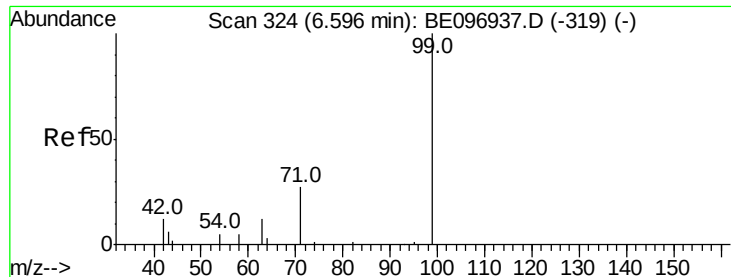


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.133 ng

RT: 6.60 min Scan# 324

Delta R.T. -0.00 min

Lab File: BE097040.D

Acq: 23 Jul 2018 16:35

Instrument :

BNA_E

ClientSampleId :

FB02-071718

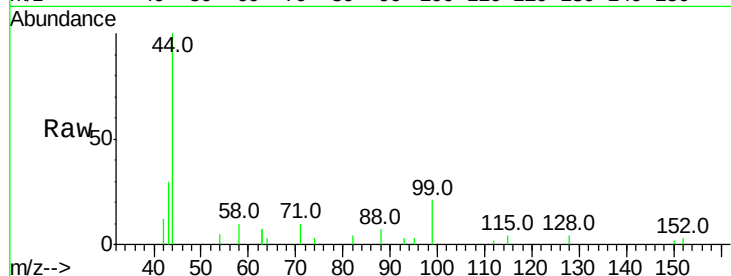
Tot Ion: 99 Resp: 745

Ion Ratio Lower Upper

99 100

42 29.5 20.2 30.2

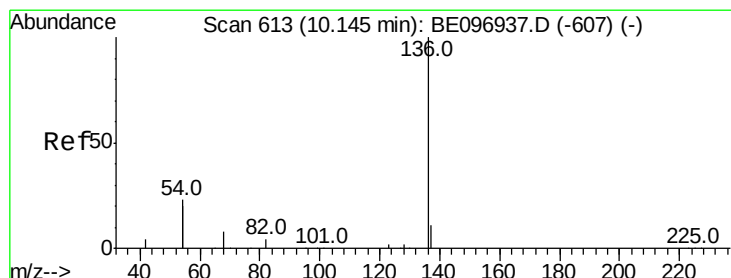
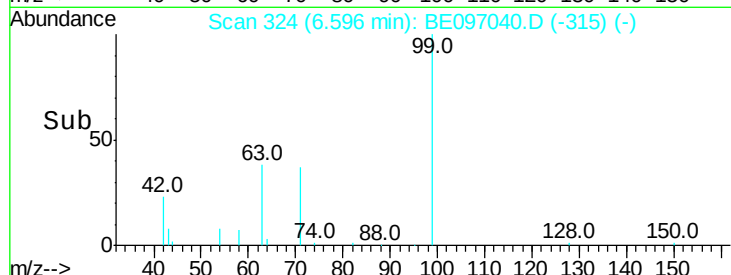
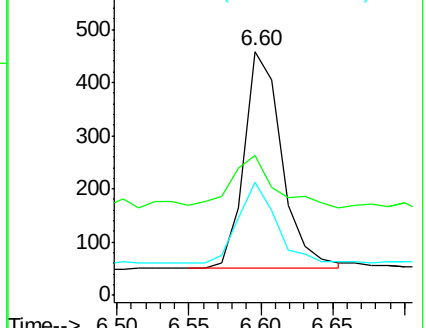
71 37.7 28.4 42.6



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: BE097040.D

Acq: 23 Jul 2018 16:35

Tgt Ion: 136 Resp: 7250

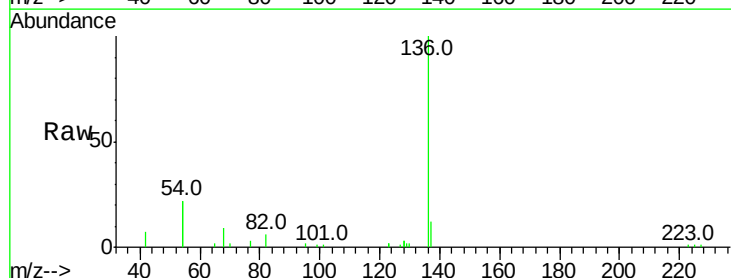
Ion Ratio Lower Upper

136 100

137 11.8 9.5 14.3

54 43.6 29.1 43.7

68 8.6 6.2 9.2

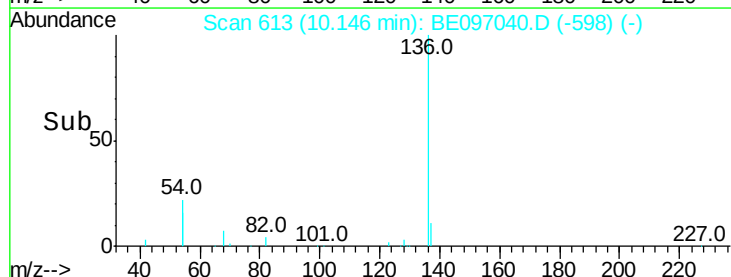
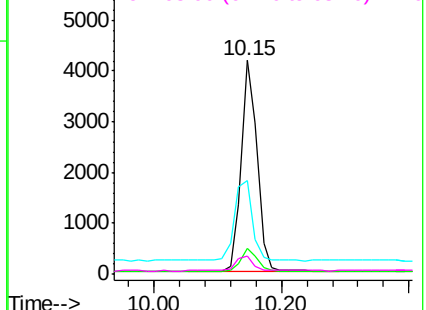


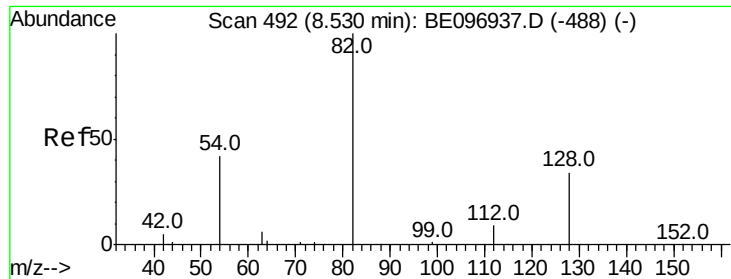
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.496 ng

RT: 8.53 min Scan# 492

Delta R.T. 0.01 min

Lab File: BE097040.D

Acq: 23 Jul 2018 16:35

Instrument :

BNA_E

ClientSampleId :

FB02-071718

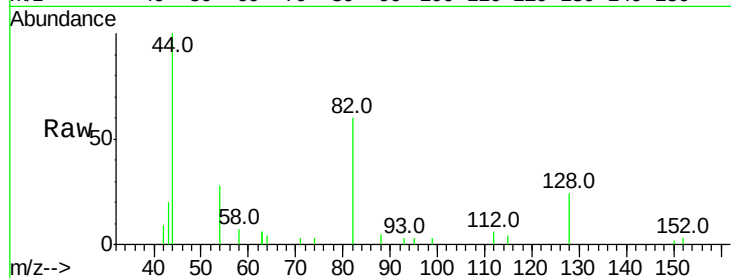
Tot Ion: 82 Resp: 2621

Ion Ratio Lower Upper

82 100

128 39.3 24.0 36.0#

54 47.0 40.0 60.0

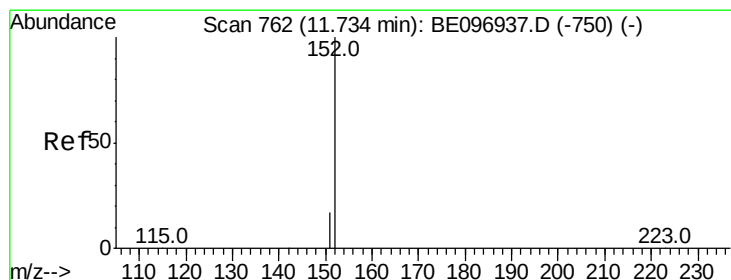
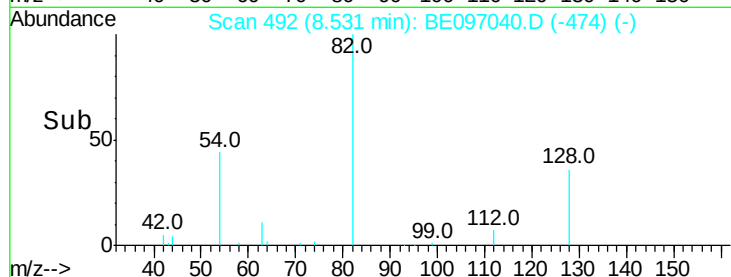


Abundance Ion 82.00 (81.70 to 82.70): BE096937.D (-488) (-)

Ion 128.00 (127.70 to 128.70): BE096937.D (-488) (-)

Ion 54.00 (53.70 to 54.70): BE096937.D (-488) (-)

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.381 ng

RT: 11.73 min Scan# 761

Delta R.T. -0.00 min

Lab File: BE097040.D

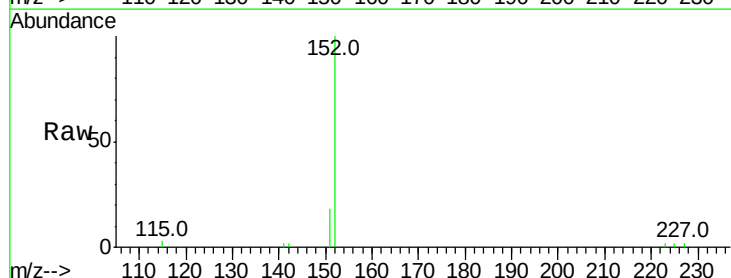
Acq: 23 Jul 2018 16:35

Tgt Ion: 152 Resp: 4029

Ion Ratio Lower Upper

152 100

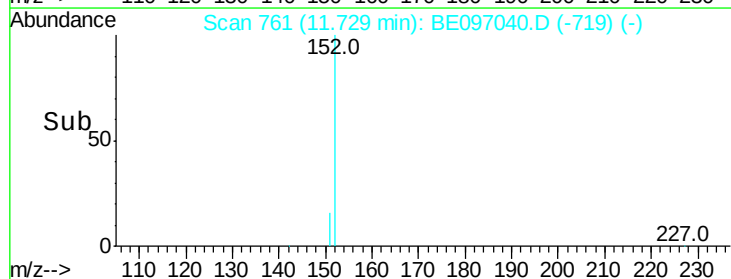
151 19.2 15.4 23.0

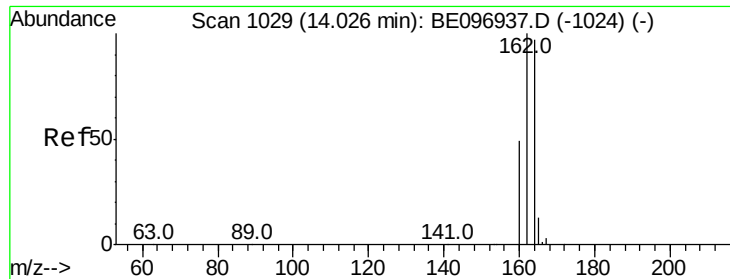


Abundance Ion 152.00 (151.70 to 152.70): BE096937.D (-750) (-)

Ion 151.00 (150.70 to 151.70): BE096937.D (-750) (-)

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.01 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BE097040.D

Acq: 23 Jul 2018 16:35

Instrument :

BNA_E

ClientSampleId :

FB02-071718

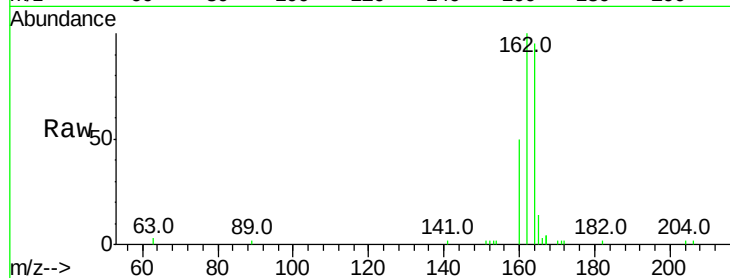
Tot Ion:164 Resp: 4418

Ion Ratio Lower Upper

164 100

162 105.5 83.1 124.7

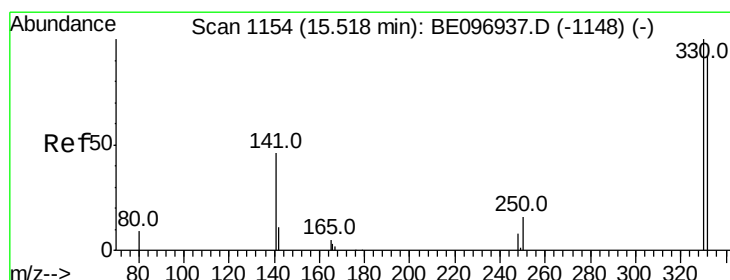
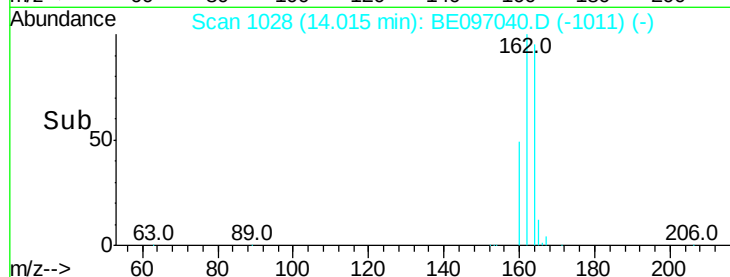
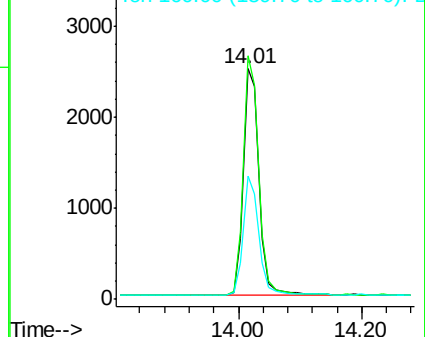
160 53.2 37.1 55.7



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: 0.615 ng

RT: 15.52 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BE097040.D

Acq: 23 Jul 2018 16:35

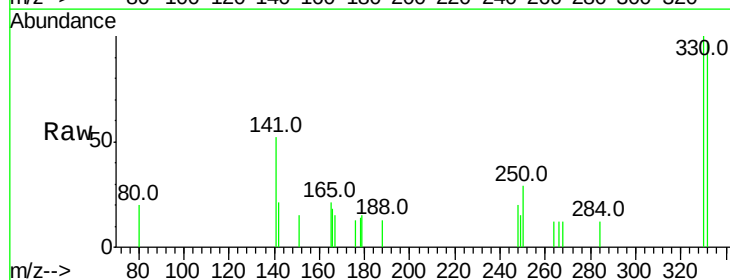
Tgt Ion:330 Resp: 644

Ion Ratio Lower Upper

330 100

332 97.5 152.7 229.1#

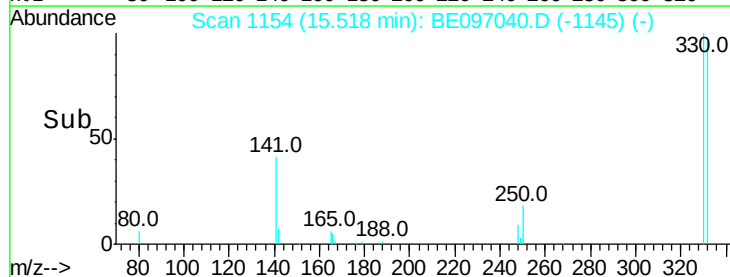
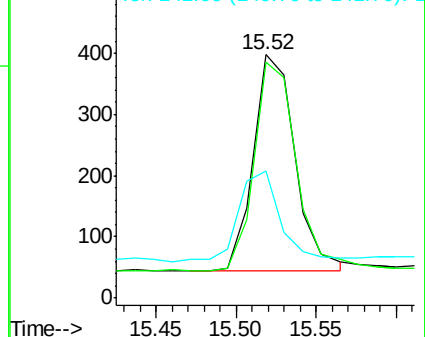
141 41.5 33.7 50.5

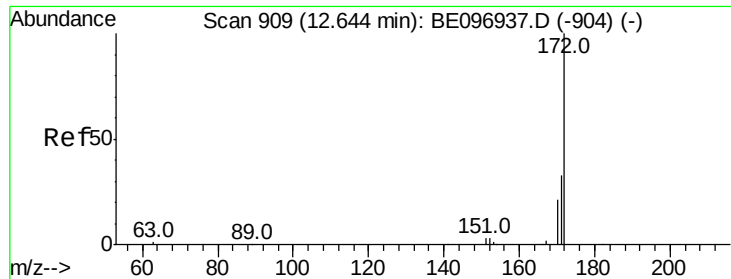


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

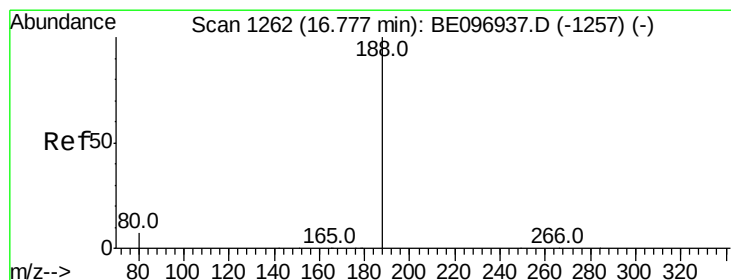
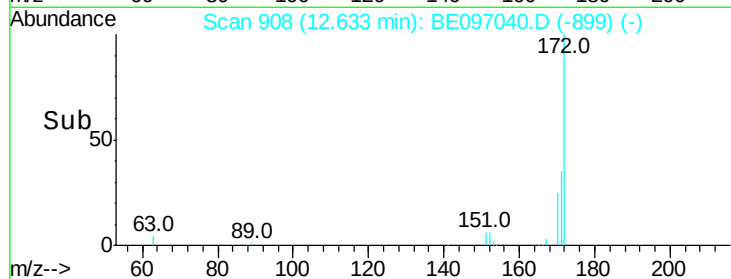
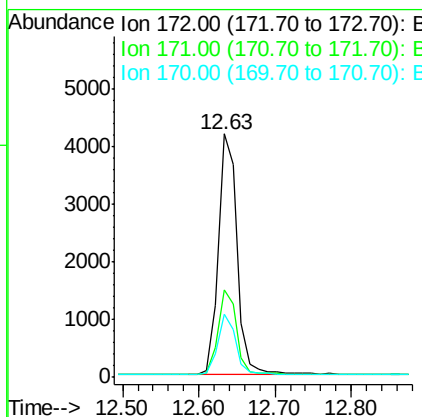
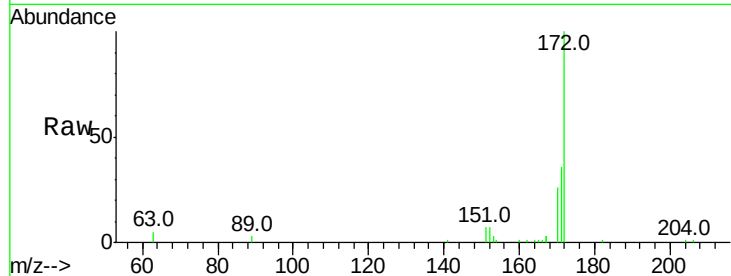




#15
2-Fluorobiphenyl
Concen: 0.442 ng
RT: 12.63 min Scan# 908
Delta R.T. 0.00 min
Lab File: BE097040.D
Acq: 23 Jul 2018 16:35

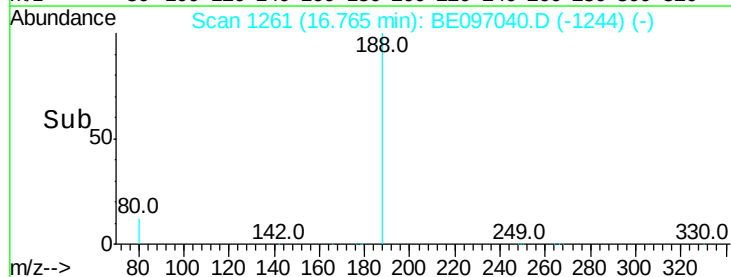
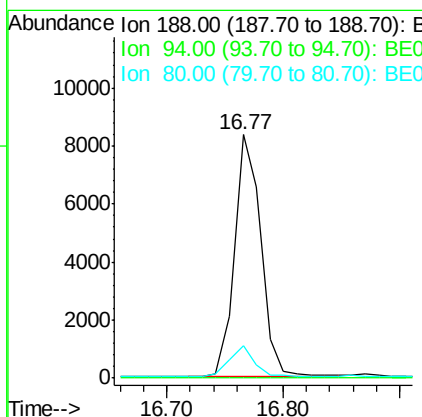
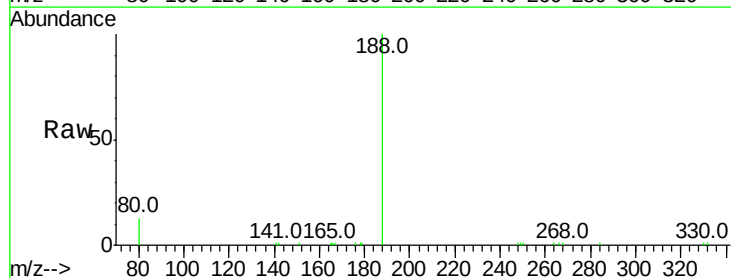
Instrument :
BNA_E
ClientSampleId :
FB02-071718

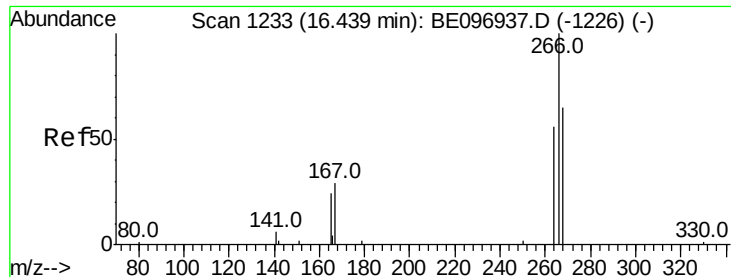
Tot Ion:172 Resp: 7256
Ion Ratio Lower Upper
172 100
171 36.1 29.9 44.9
170 25.9 21.8 32.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.77 min Scan# 1261
Delta R.T. 0.00 min
Lab File: BE097040.D
Acq: 23 Jul 2018 16:35

Tgt Ion:188 Resp: 13099
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 13.1 3.6 5.4#





#22

Pentachlorophenol

Concen: Below Cal

RT: 16.42 min Scan# 1231

Delta R.T. -0.01 min

Lab File: BE097040.D

Acq: 23 Jul 2018 16:35

Instrument :

BNA_E

ClientSampleId :

FB02-071718

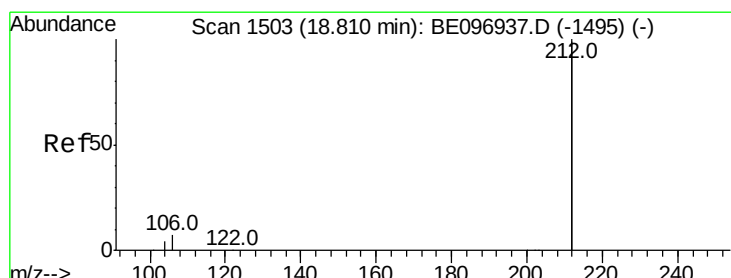
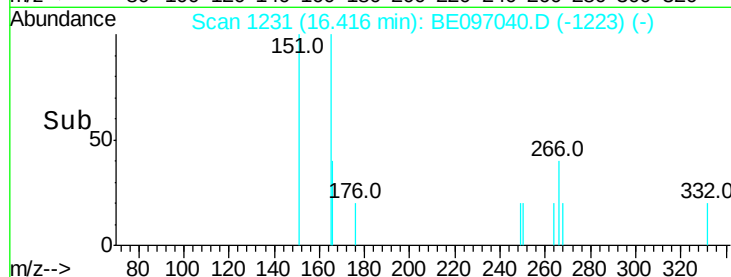
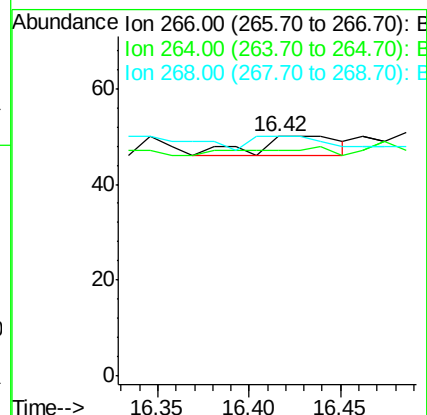
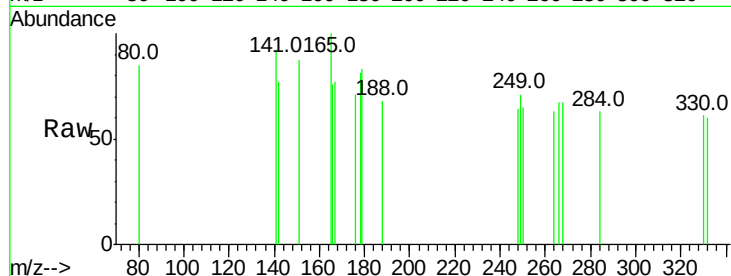
Tot Ion:266 Resp: 13

Ion Ratio Lower Upper

266 100

264 94.0 72.5 108.7

268 100.0 73.8 110.6



#25

Fluoranthene-d10

Concen: 0.562 ng

RT: 18.81 min Scan# 1503

Delta R.T. 0.00 min

Lab File: BE097040.D

Acq: 23 Jul 2018 16:35

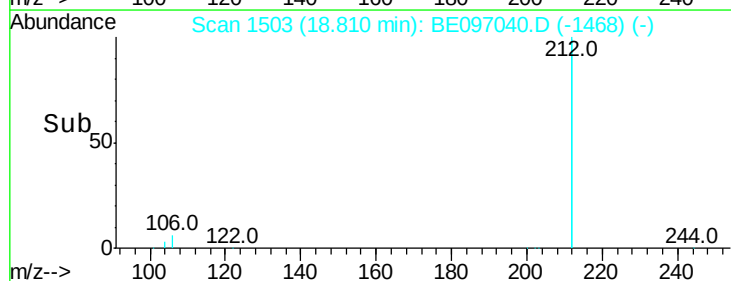
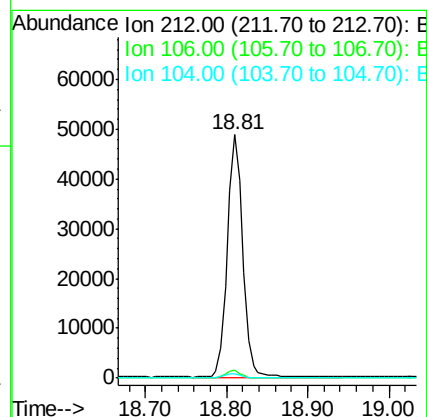
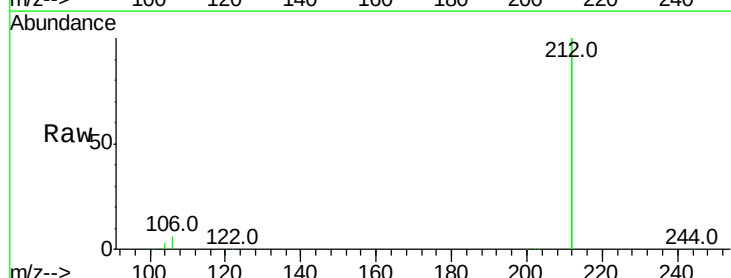
Tgt Ion:212 Resp: 64091

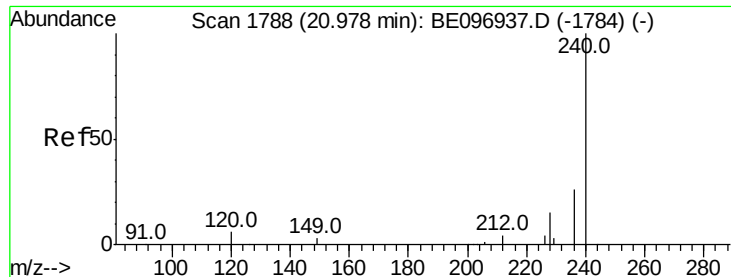
Ion Ratio Lower Upper

212 100

106 3.1 2.8 4.2

104 1.7 1.6 2.4

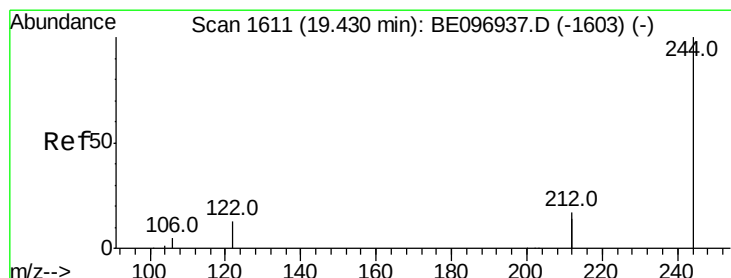
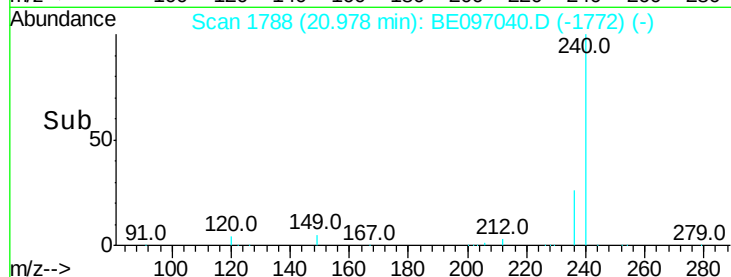
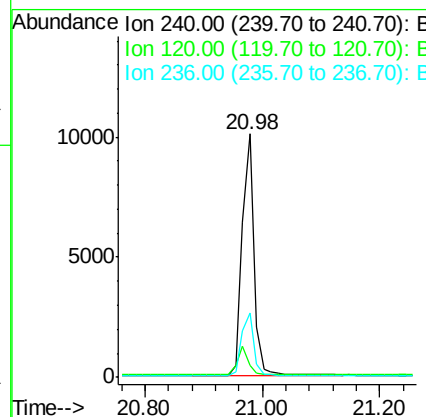
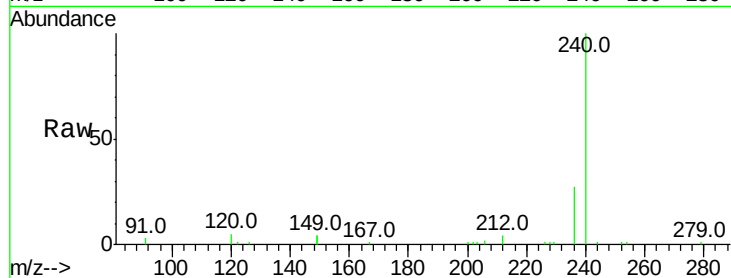




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 20.98 min Scan# 1788
 Delta R.T. -0.00 min
 Lab File: BE097040.D
 Acq: 23 Jul 2018 16:35

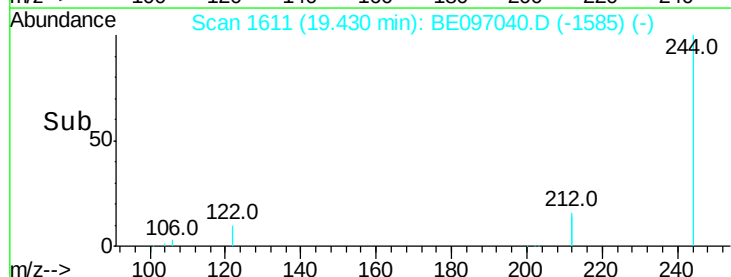
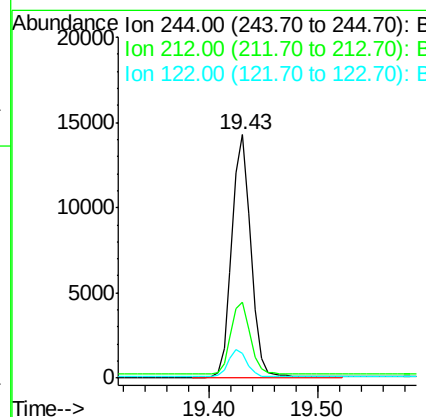
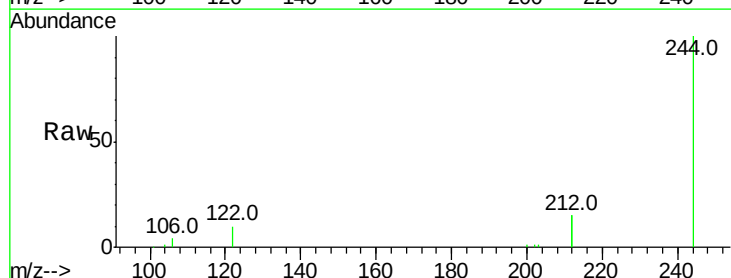
Instrument :
 BNA_E
 ClientSampleID :
 FB02-071718

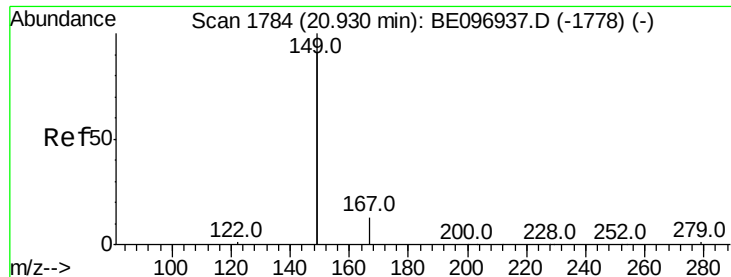
Tot Ion:240 Resp: 14480
 Ion Ratio Lower Upper
 240 100
 120 5.0 5.5 8.3#
 236 26.6 20.7 31.1



#29
 Terphenyl-d14
 Concen: 0.618 ng
 RT: 19.43 min Scan# 1611
 Delta R.T. 0.00 min
 Lab File: BE097040.D
 Acq: 23 Jul 2018 16:35

Tgt Ion:244 Resp: 17274
 Ion Ratio Lower Upper
 244 100
 212 31.0 25.4 38.0
 122 10.0 8.1 12.1





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.251 ng

RT: 20.93 min Scan# 1784

Delta R.T. -0.00 min

Lab File: BE097040.D

Acq: 23 Jul 2018 16:35

Instrument :

BNA_E

ClientSampleId :

FB02-071718

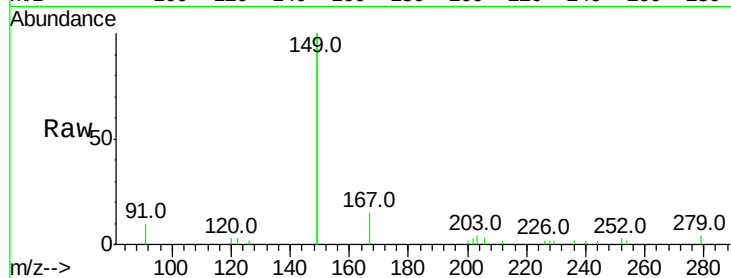
Tot Ion:149 Resp: 8636

Ion Ratio Lower Upper

149 100

167 6.8 5.4 8.0

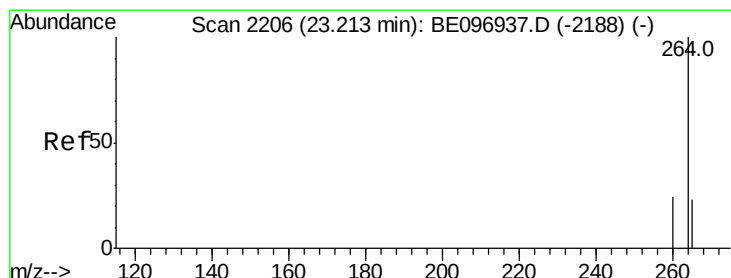
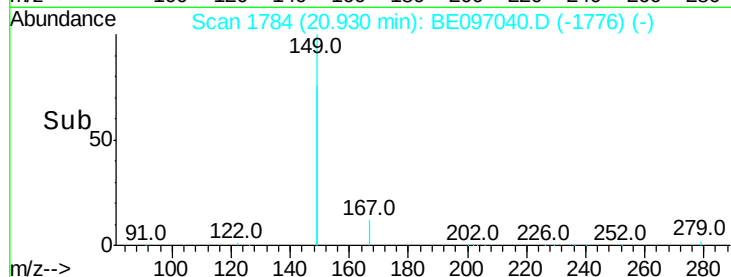
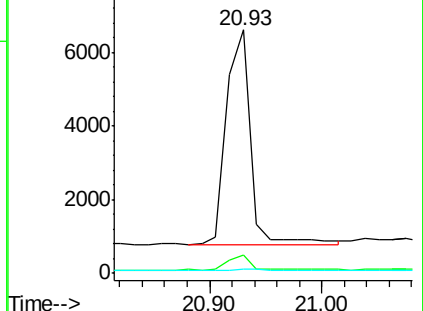
279 1.3 0.7 1.1#



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: 23.21 min Scan# 2206

Delta R.T. 0.00 min

Lab File: BE097040.D

Acq: 23 Jul 2018 16:35

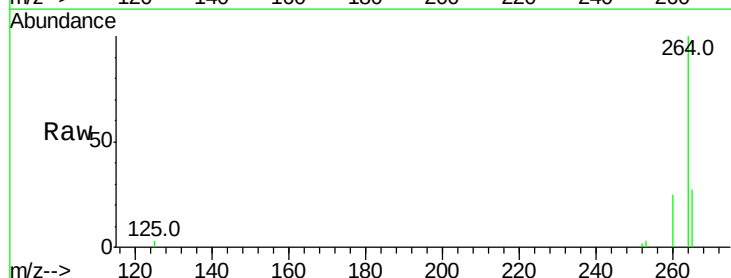
Tgt Ion:264 Resp: 14350

Ion Ratio Lower Upper

264 100

260 25.3 20.5 30.7

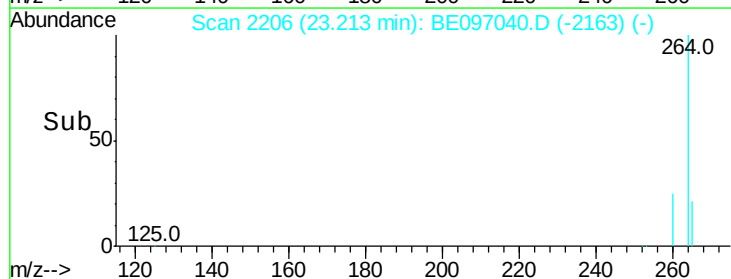
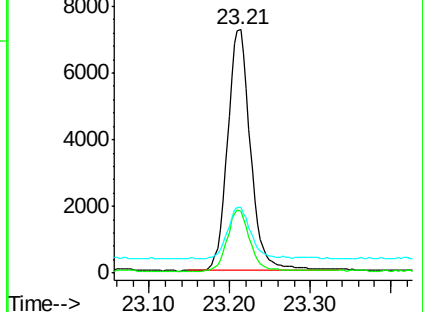
265 27.1 22.8 34.2

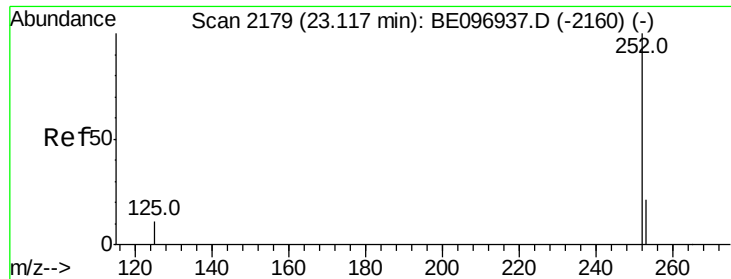


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#37

Benzo(a)pyrene

Concen: 0.102 ng

RT: 23.11 min Scan# 2176

Delta R.T. -0.00 min

Lab File: BE097040.D

Acq: 23 Jul 2018 16:35

Instrument :

BNA_E

ClientSampleId :

FB02-071718

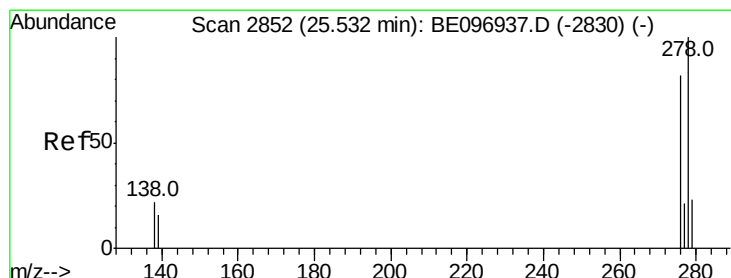
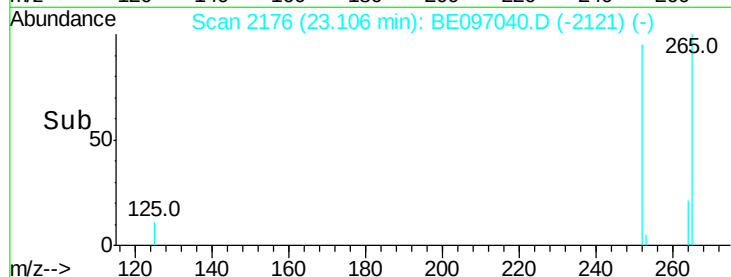
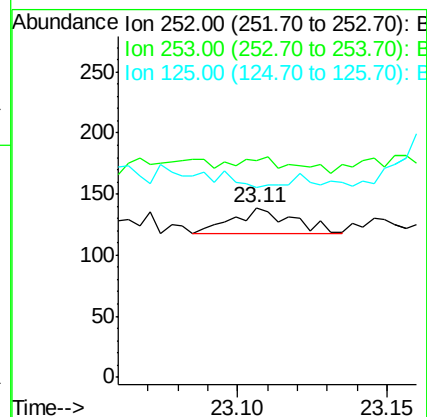
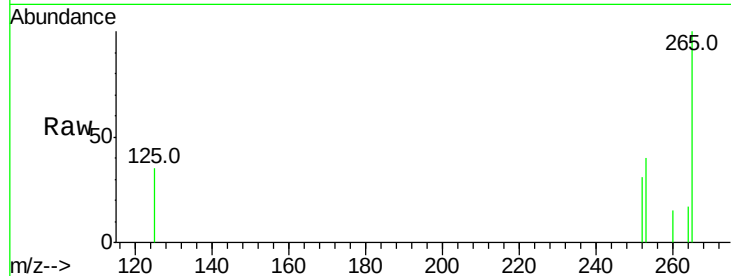
Tot Ion:252 Resp: 28

Ion Ratio Lower Upper

252 100

253 127.3 16.0 24.0#

125 111.5 12.0 18.0#



#38

Dibenzo(a,h)anthracene

Concen: 0.118 ng

RT: 25.52 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BE097040.D

Acq: 23 Jul 2018 16:35

Tgt Ion:278 Resp: 3

Ion Ratio Lower Upper

278 100

139 149.3 16.0 24.0#

279 115.9 20.0 30.0#

