

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072318\
 Data File : BE097053.D
 Acq On : 24 Jul 2018 1:59
 Operator : SJ/JU
 Sample : J4073-12
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE123D2-071818

Quant Time: Jul 24 05:29:07 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

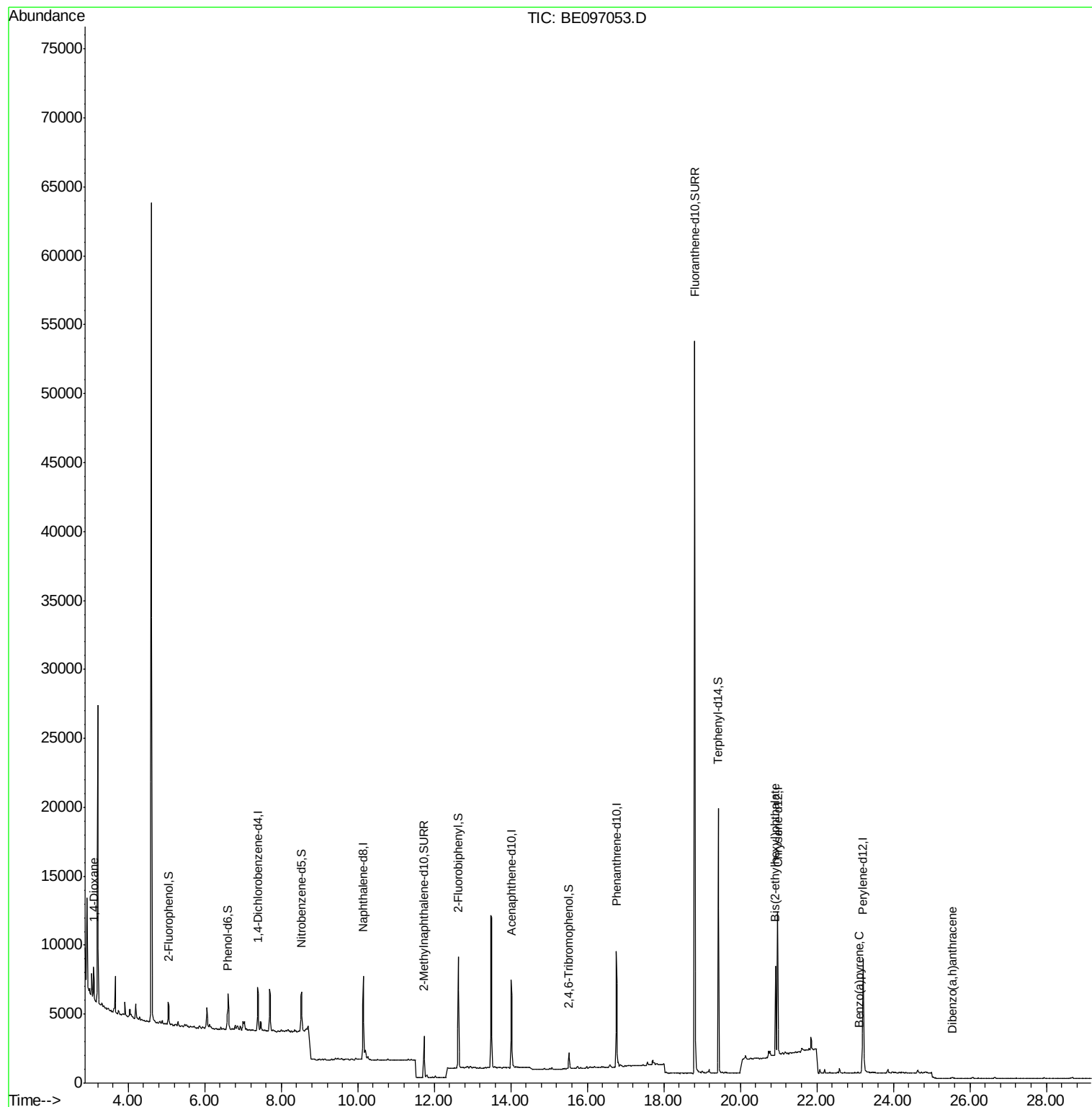
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1399	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	6474	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	3834	0.40	ng	0.00
19) Phenanthrene-d10	16.76	188	11468	0.40	ng	0.00
27) Chrysene-d12	20.98	240	12608	0.40	ng	0.00
34) Perylene-d12	23.21	264	11876	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.06	112	877	0.26	ng	0.00
5) Phenol-d6	6.59	99	731	0.14	ng	0.00
8) Nitrobenzene-d5	8.53	82	2735	0.58	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	4304	0.46	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	704	0.74	ng	0.00
15) 2-Fluorobiphenyl	12.63	172	7202	0.51	ng	0.00
25) Fluoranthene-d10	18.81	212	66606	0.67	ng	0.00
29) Terphenyl-d14	19.43	244	16768	0.69	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	1244	0.621	ng	88
22) Pentachlorophenol	16.37	266	3	Below Cal		93
32) Bis(2-ethylhexyl)phthalate	20.92	149	8994	0.300	ng	100
37) Benzo(a)pyrene	23.11	252	21	0.102	ng	# 1
38) Dibenzo(a,h)anthracene	25.52	278	3	0.118	ng	# 1

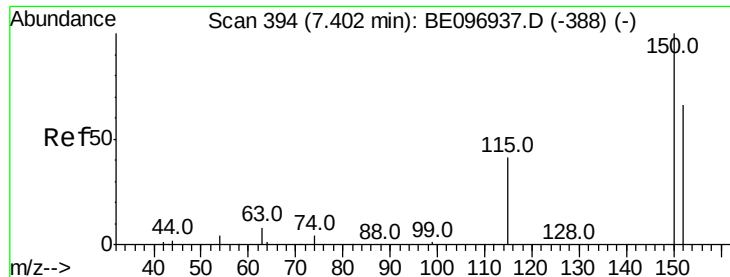
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE097053.D

Acq: 24 Jul 2018 1:59

Instrument :

BNA_E

ClientSampleId :

RE123D2-071818

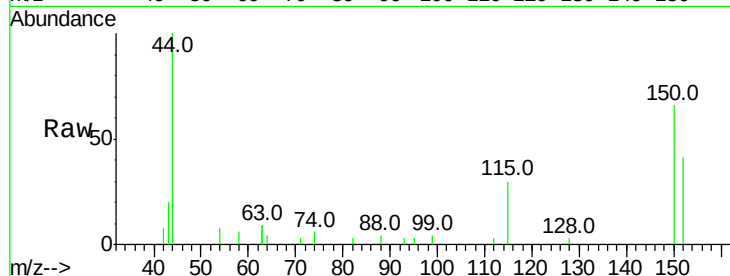
Tot Ion:152 Resp: 1399

Ion Ratio Lower Upper

152 100

150 162.2 117.2 175.8

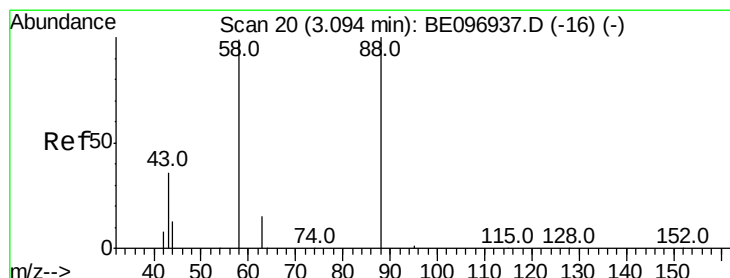
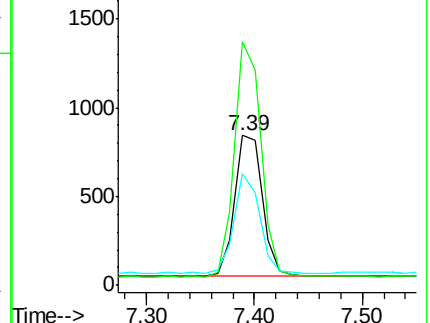
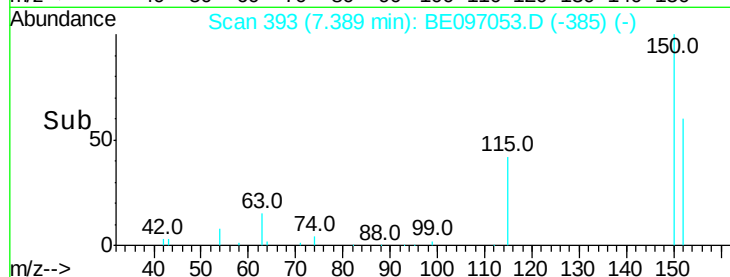
115 74.4 57.0 85.6



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



#2

1,4-Dioxane

Concen: 0.621 ng

RT: 3.09 min Scan# 20

Delta R.T. -0.00 min

Lab File: BE097053.D

Acq: 24 Jul 2018 1:59

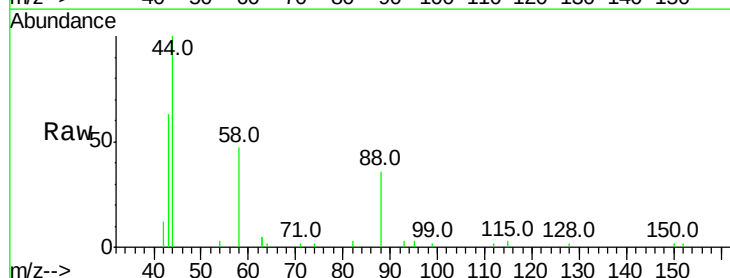
Tgt Ion: 88 Resp: 1244

Ion Ratio Lower Upper

88 100

58 92.2 63.2 94.8

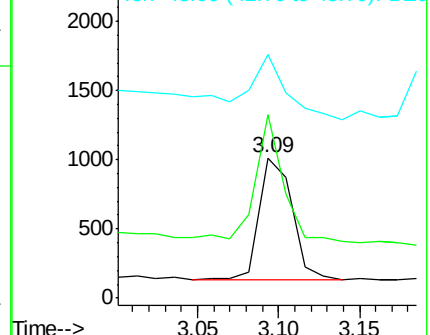
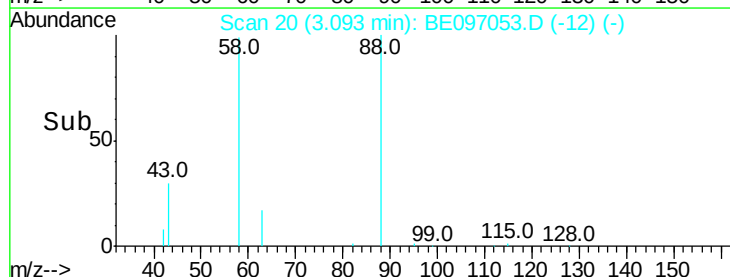
43 56.5 41.2 61.8

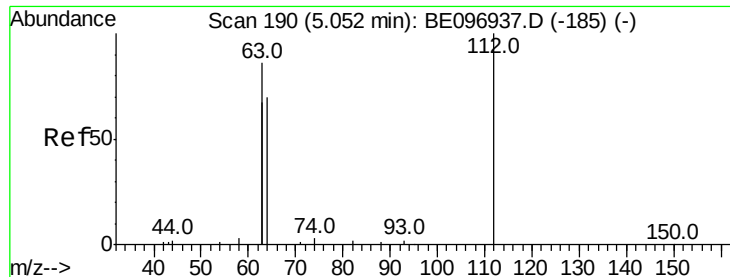


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.262 ng

RT: 5.06 min Scan# 191

Delta R.T. 0.01 min

Lab File: BE097053.D

Acq: 24 Jul 2018 1:59

Instrument :

BNA_E

ClientSampleId :

RE123D2-071818

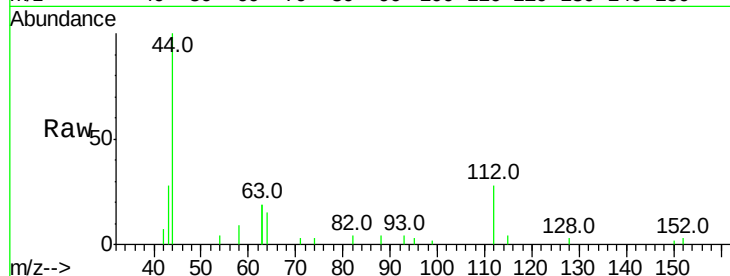
Tot Ion:112 Resp: 877

Ion Ratio Lower Upper

112 100

64 66.1 60.1 90.1

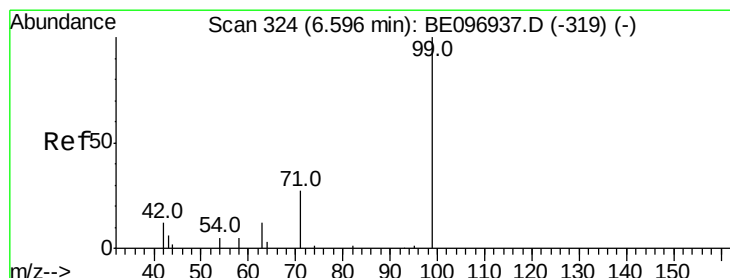
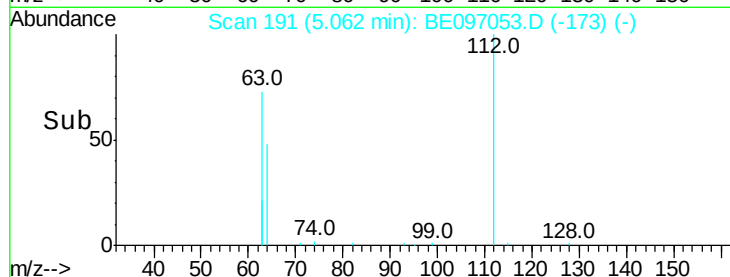
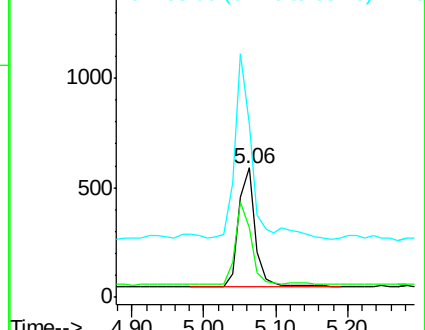
63 142.3 116.8 175.2



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.143 ng

RT: 6.59 min Scan# 324

Delta R.T. -0.00 min

Lab File: BE097053.D

Acq: 24 Jul 2018 1:59

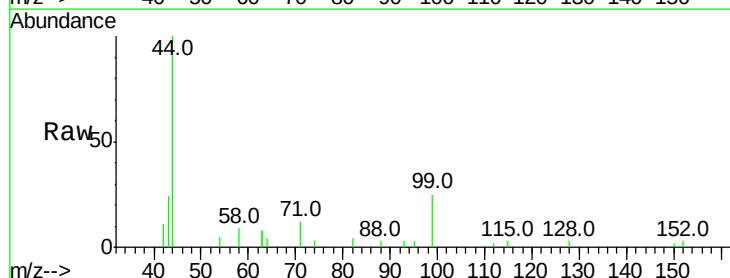
Tgt Ion: 99 Resp: 731

Ion Ratio Lower Upper

99 100

42 34.7 20.2 30.2#

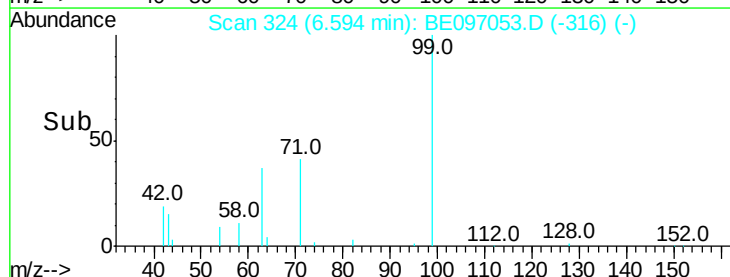
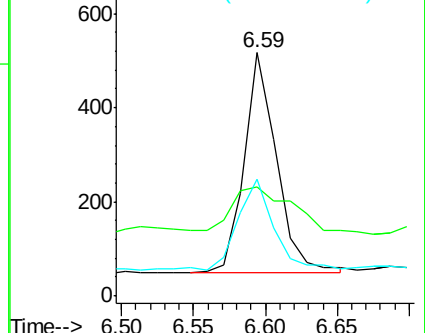
71 44.9 28.4 42.6#

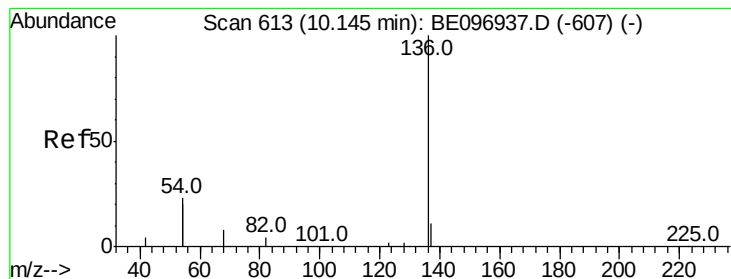


Abundance Ion 99.00 (98.70 to 99.70): BE0

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# 614

Delta R.T. 0.00 min

Lab File: BE097053.D

Acq: 24 Jul 2018 1:59

Instrument :

BNA_E

ClientSampleId :

RE123D2-071818

Tot Ion:136 Resp: 6474

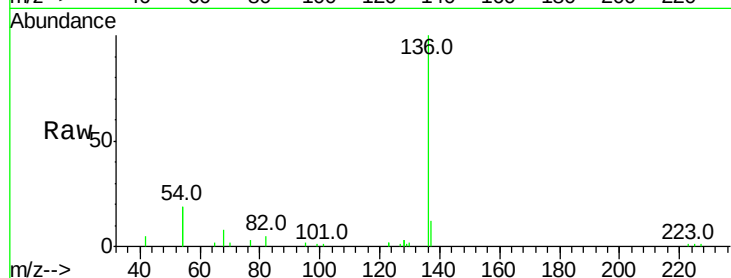
Ion Ratio Lower Upper

136 100

137 12.5 9.5 14.3

54 37.5 29.1 43.7

68 7.8 6.2 9.2

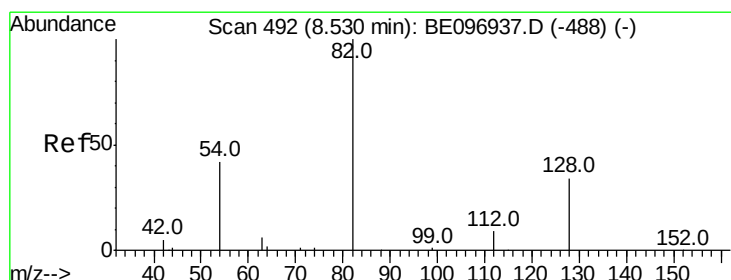
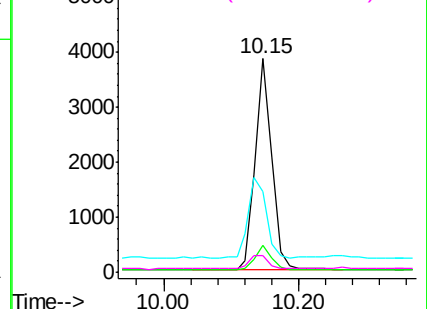
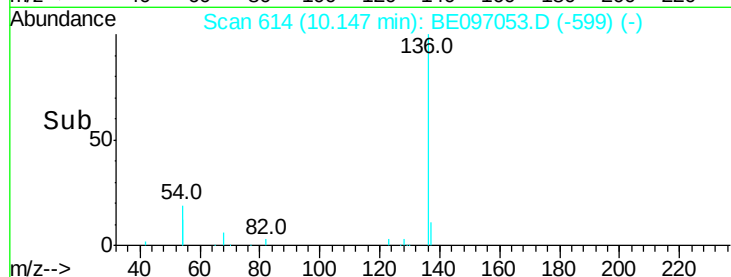


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.579 ng

RT: 8.53 min Scan# 492

Delta R.T. 0.01 min

Lab File: BE097053.D

Acq: 24 Jul 2018 1:59

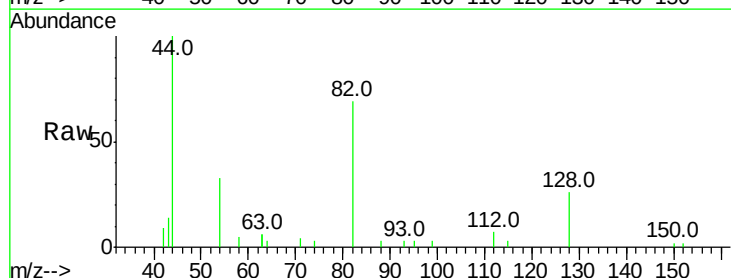
Tgt Ion: 82 Resp: 2735

Ion Ratio Lower Upper

82 100

128 37.6 24.0 36.0#

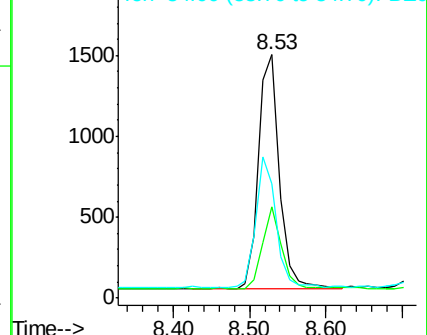
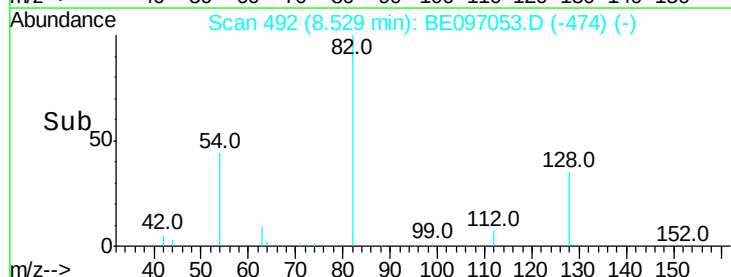
54 47.0 40.0 60.0

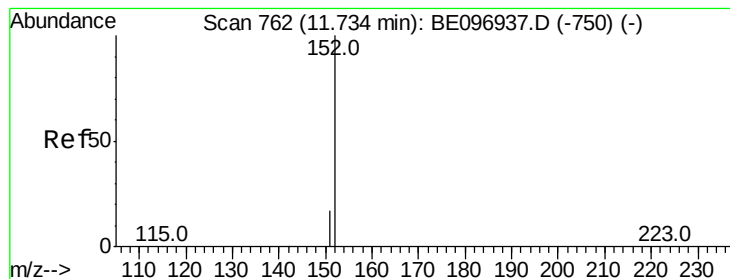


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.456 ng

RT: 11.73 min Scan# 762

Delta R.T. 0.00 min

Lab File: BE097053.D

Acq: 24 Jul 2018 1:59

Instrument :

BNA_E

ClientSampleId :

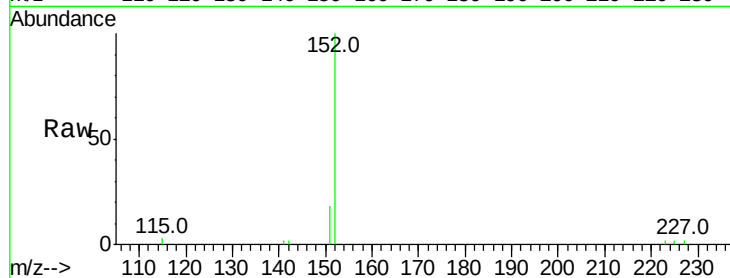
RE123D2-071818

Tot Ion:152 Resp: 4304

Ion Ratio Lower Upper

152 100

151 19.3 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.73

2500

2000

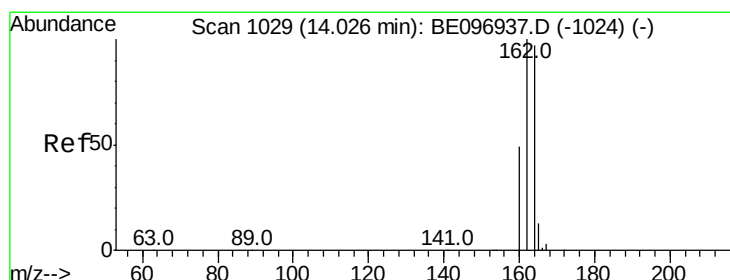
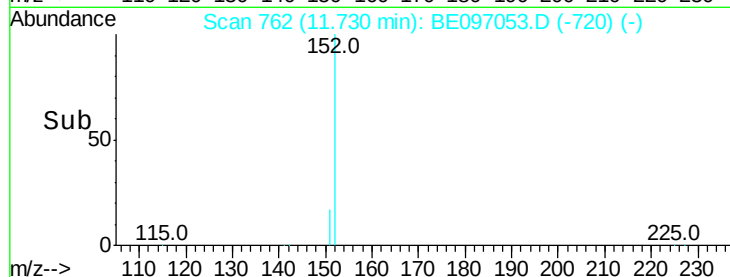
1500

1000

500

0

Time--> 11.60 11.70 11.80



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.01 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BE097053.D

Acq: 24 Jul 2018 1:59

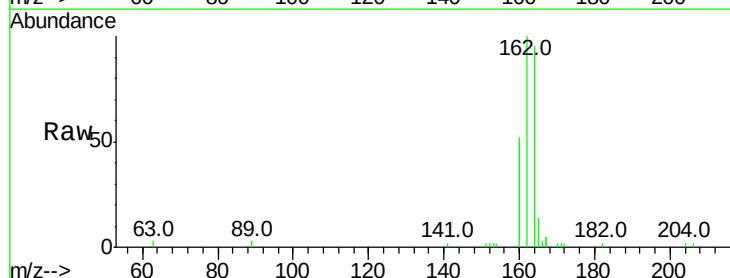
Tgt Ion:164 Resp: 3834

Ion Ratio Lower Upper

164 100

162 105.6 83.1 124.7

160 54.7 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

14.01

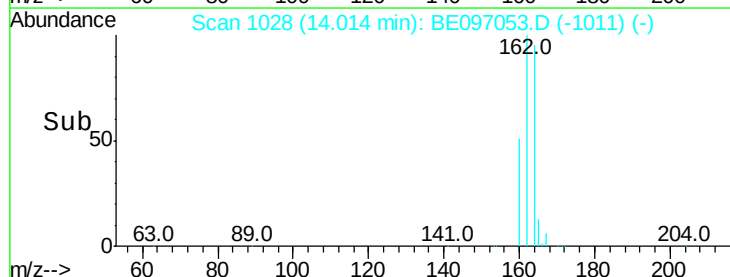
3000

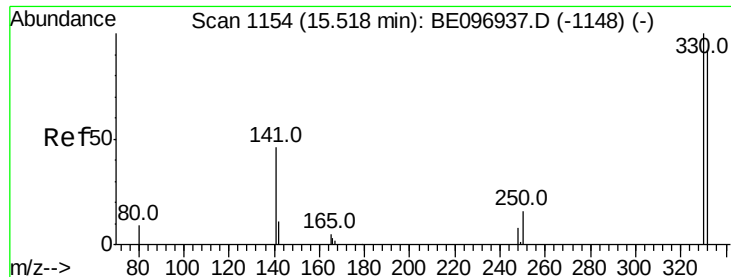
2000

1000

0

Time--> 13.90 14.00 14.10 14.20

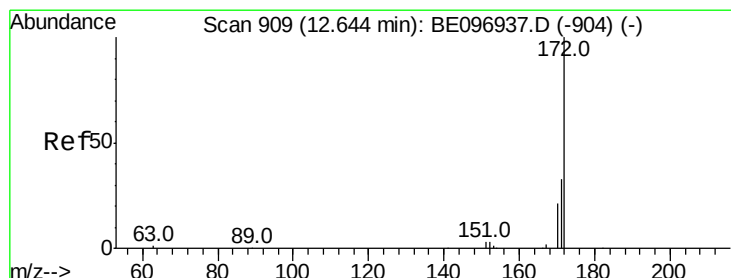
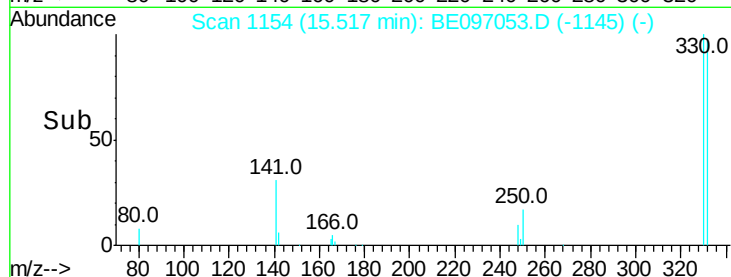
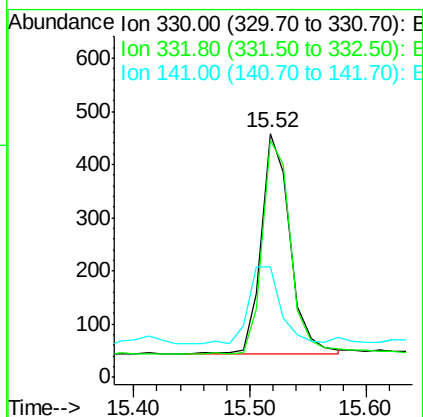
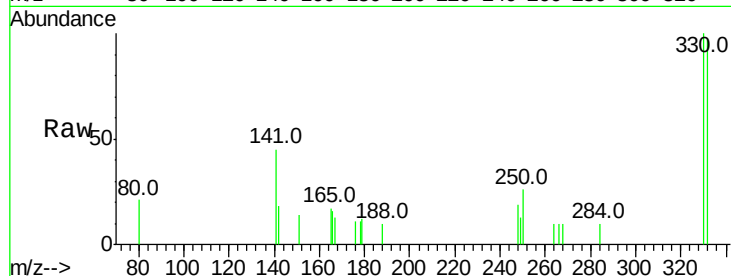




#14
 2,4,6-Tribromophenol
 Concen: 0.744 ng
 RT: 15.52 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BE097053.D
 Acq: 24 Jul 2018 1:59

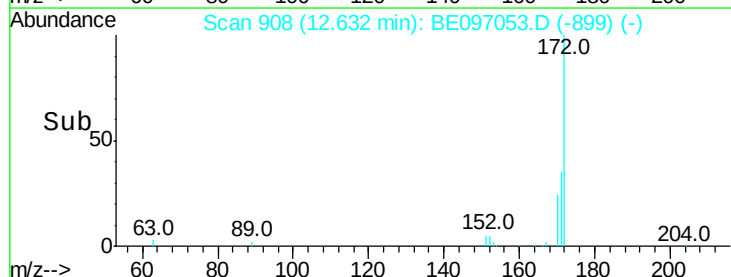
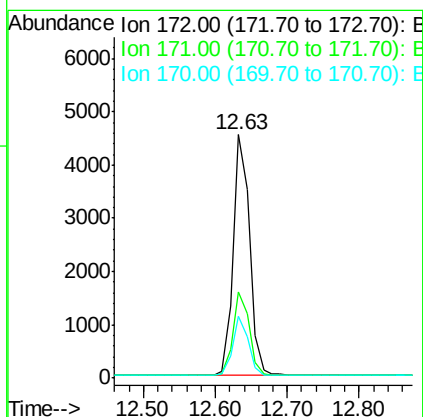
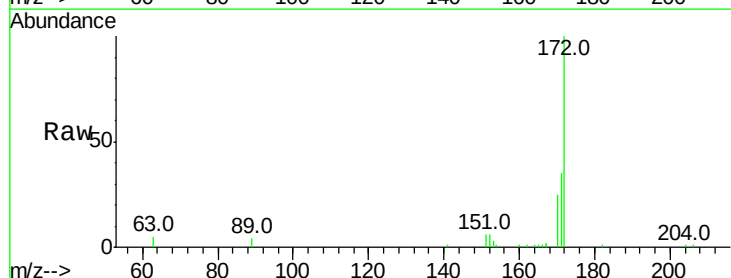
Instrument :
 BNA_E
 ClientSampleId :
 RE123D2-071818

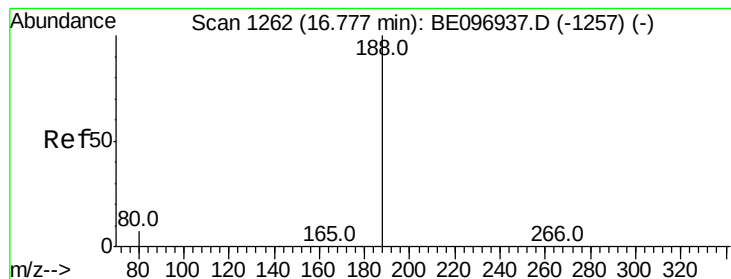
Tot Ion:330 Resp: 704
 Ion Ratio Lower Upper
 330 100
 332 98.0 152.7 229.1#
 141 38.6 33.7 50.5



#15
 2-Fluorobiphenyl
 Concen: 0.505 ng
 RT: 12.63 min Scan# 908
 Delta R.T. -0.00 min
 Lab File: BE097053.D
 Acq: 24 Jul 2018 1:59

Tgt Ion:172 Resp: 7202
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.9 44.9
 170 25.2 21.8 32.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.76 min Scan# 1261

Delta R.T. 0.00 min

Lab File: BE097053.D

Acq: 24 Jul 2018 1:59

Instrument :

BNA_E

ClientSampleId :

RE123D2-071818

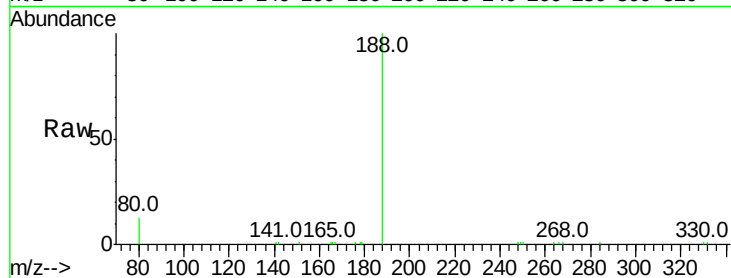
Tot Ion:188 Resp: 11468

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

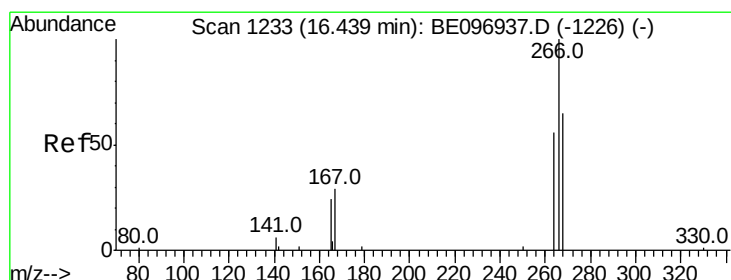
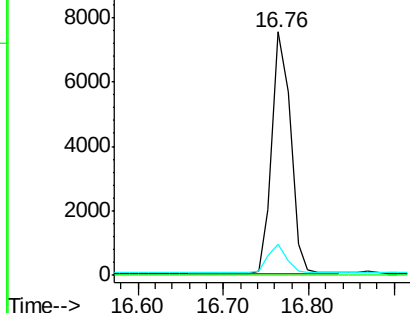
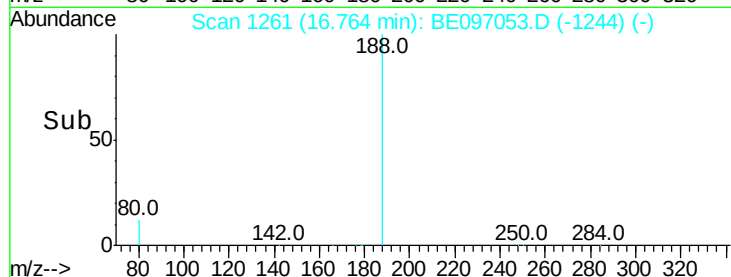
80 12.8 3.6 5.4#



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: Below Cal

RT: 16.37 min Scan# 1227

Delta R.T. -0.06 min

Lab File: BE097053.D

Acq: 24 Jul 2018 1:59

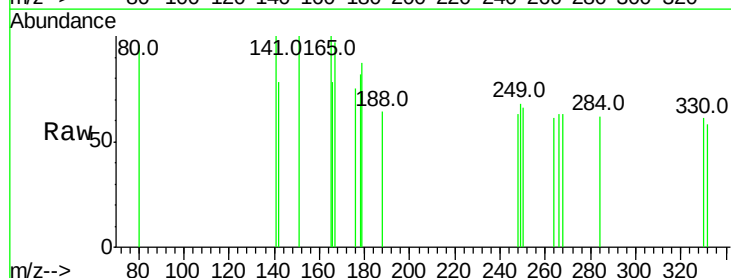
Tgt Ion:266 Resp: 3

Ion Ratio Lower Upper

266 100

264 95.8 72.5 108.7

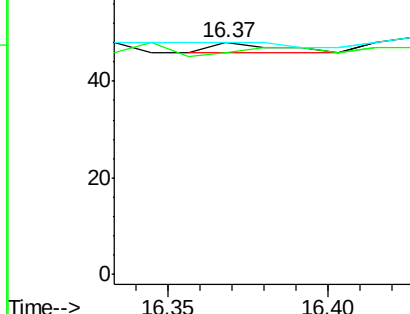
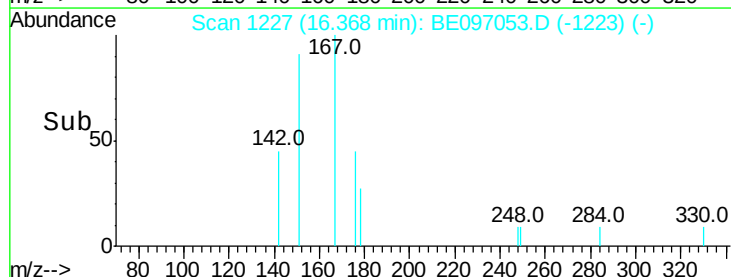
268 100.0 73.8 110.6

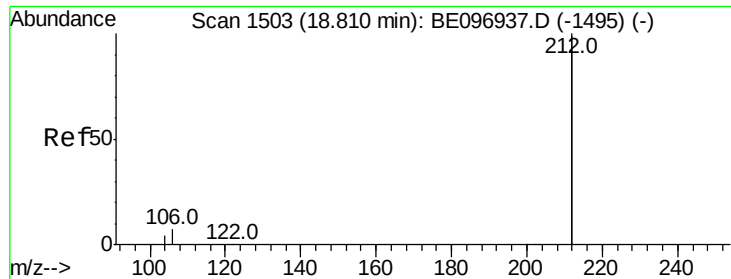


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.668 ng

RT: 18.81 min Scan# 1503

Delta R.T. -0.00 min

Lab File: BE097053.D

Acq: 24 Jul 2018 1:59

Instrument :

BNA_E

ClientSampleId :

RE123D2-071818

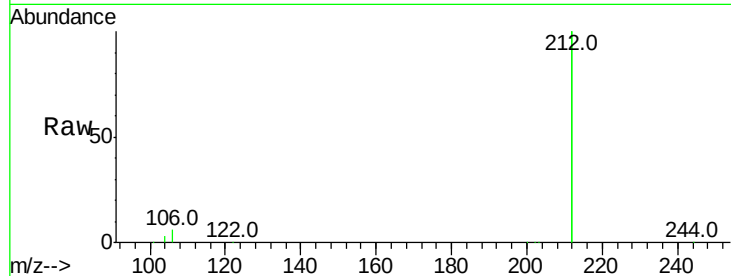
Tot Ion:212 Resp: 66606

Ion Ratio Lower Upper

212 100

106 3.1 2.8 4.2

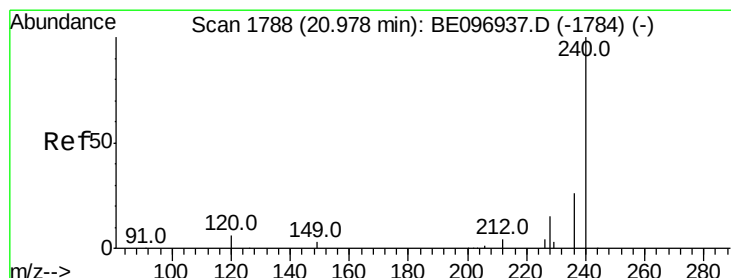
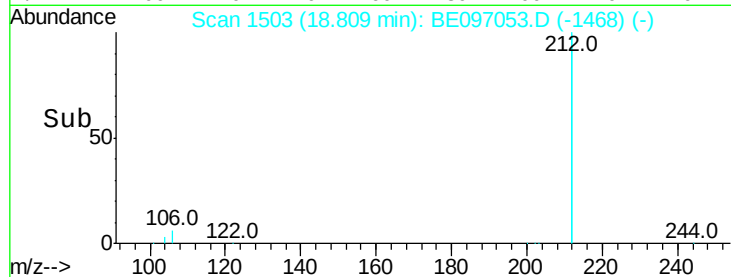
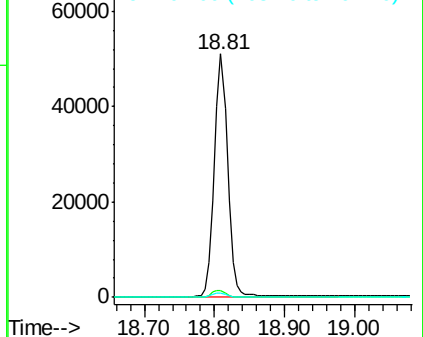
104 1.7 1.6 2.4



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



#27

Chrysene-d12

Concen: 0.400 ng

RT: 20.98 min Scan# 1788

Delta R.T. 0.00 min

Lab File: BE097053.D

Acq: 24 Jul 2018 1:59

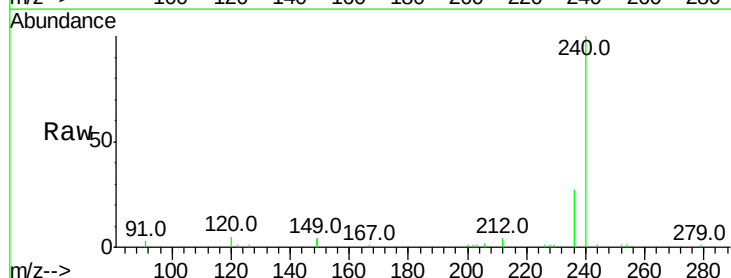
Tgt Ion:240 Resp: 12608

Ion Ratio Lower Upper

240 100

120 4.7 5.5 8.3#

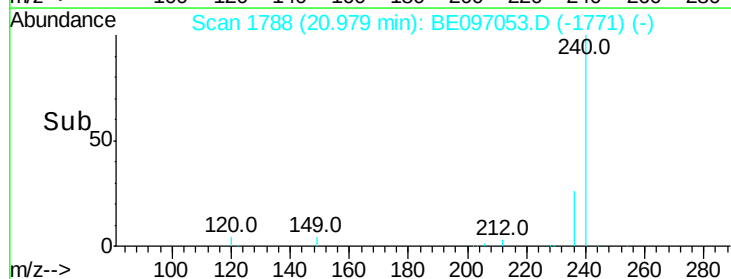
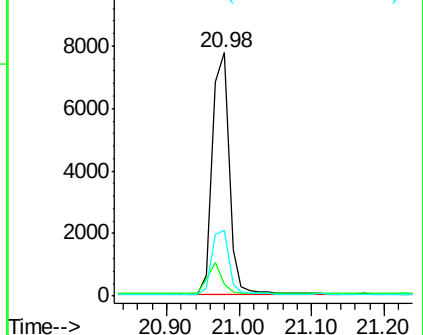
236 26.7 20.7 31.1

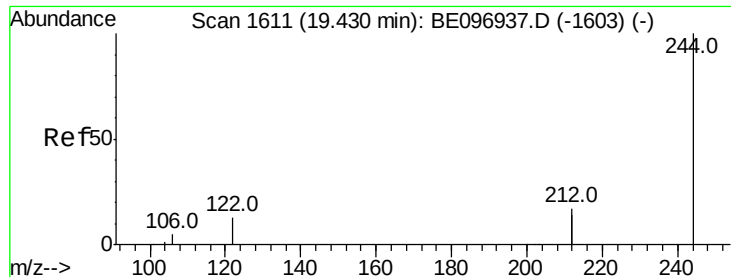


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

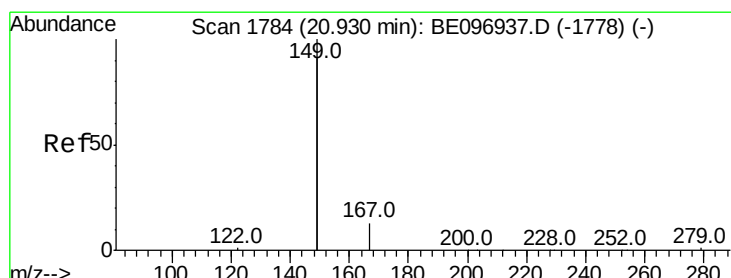
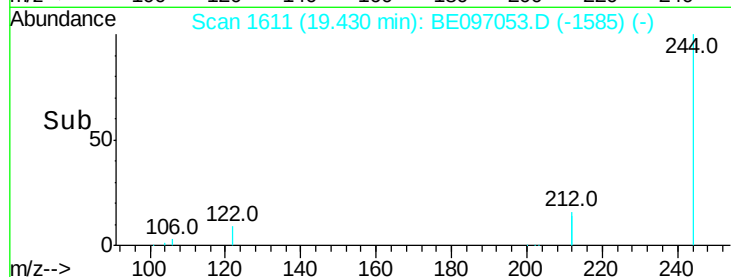
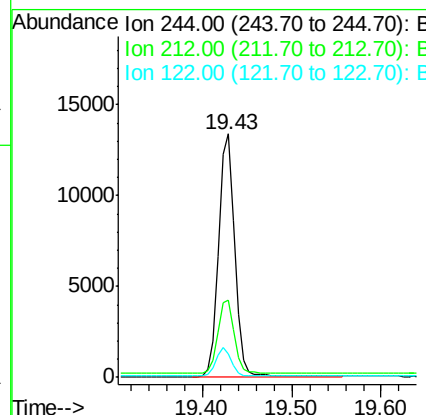
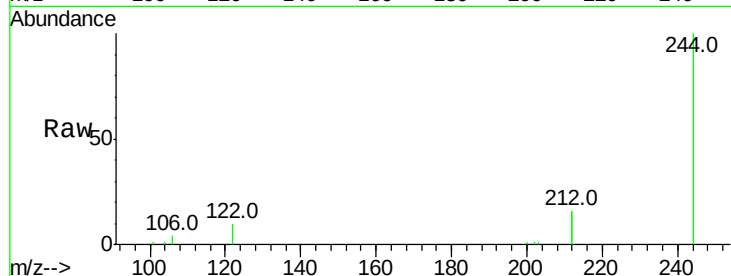




#29
 Terphenyl-d14
 Concen: 0.689 ng
 RT: 19.43 min Scan# 1611
 Delta R.T. -0.00 min
 Lab File: BE097053.D
 Acq: 24 Jul 2018 1:59

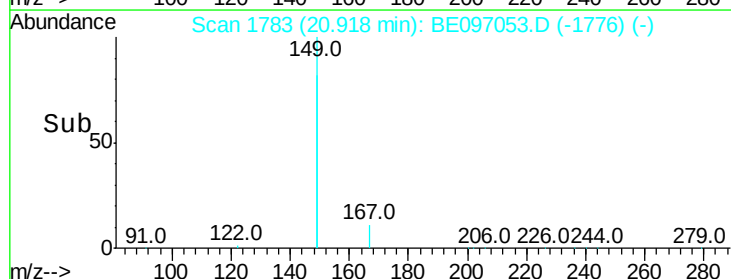
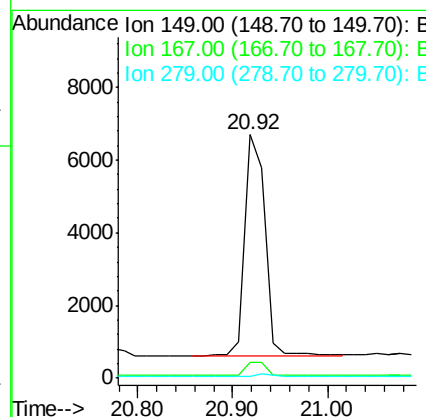
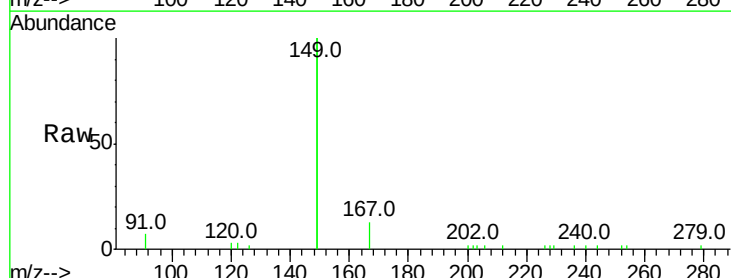
Instrument :
 BNA_E
 ClientSampleId :
 RE123D2-071818

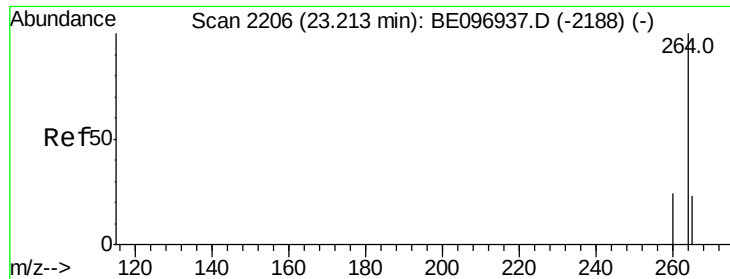
Tot Ion:244 Resp: 16768
 Ion Ratio Lower Upper
 244 100
 212 31.5 25.4 38.0
 122 9.8 8.1 12.1



#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.300 ng
 RT: 20.92 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: BE097053.D
 Acq: 24 Jul 2018 1:59

Tgt Ion:149 Resp: 8994
 Ion Ratio Lower Upper
 149 100
 167 6.5 5.4 8.0
 279 0.9 0.7 1.1

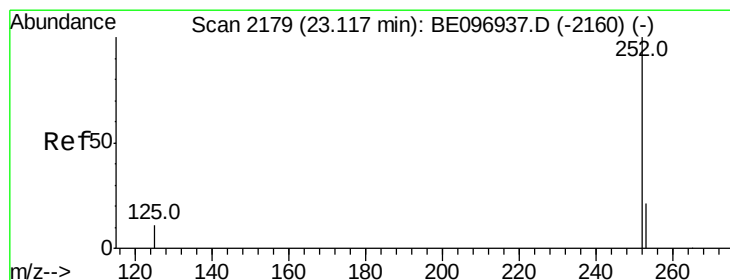
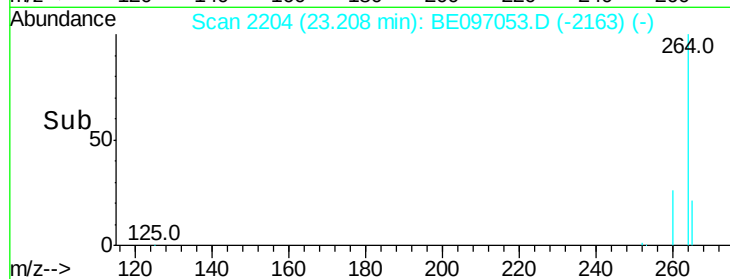
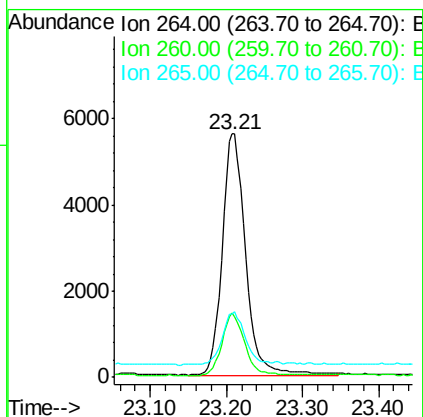
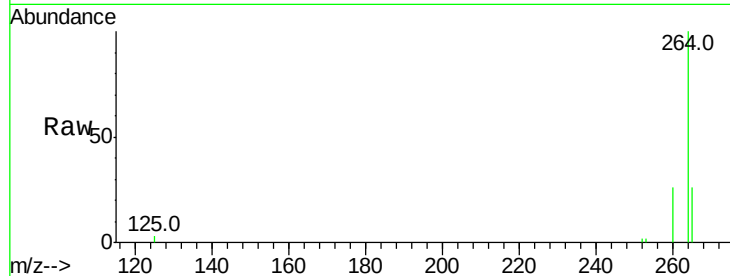




#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.21 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: BE097053.D
 Acq: 24 Jul 2018 1:59

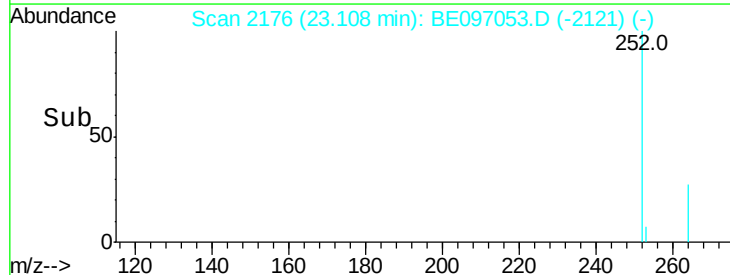
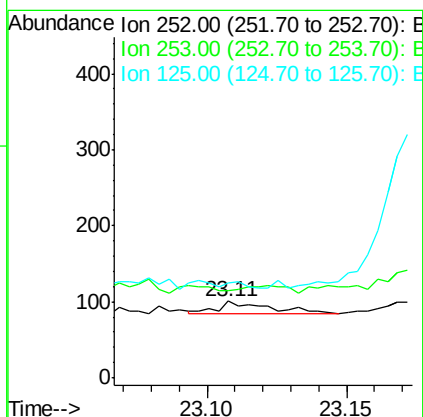
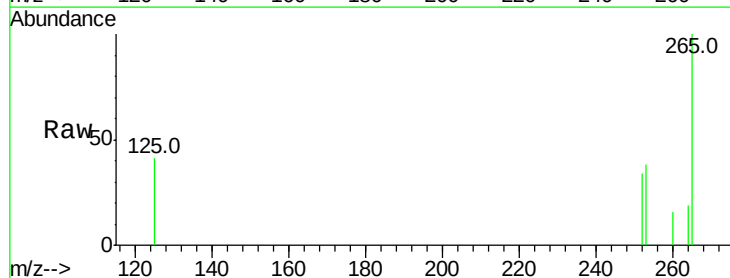
Instrument :
 BNA_E
 ClientSampleId :
 RE123D2-071818

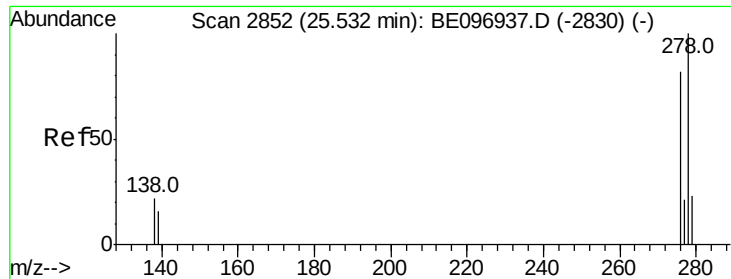
Tot Ion:264 Resp: 11876
 Ion Ratio Lower Upper
 264 100
 260 26.3 20.5 30.7
 265 26.2 22.8 34.2



#37
 Benzo(a)pyrene
 Concen: 0.102 ng
 RT: 23.11 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: BE097053.D
 Acq: 24 Jul 2018 1:59

Tgt Ion:252 Resp: 21
 Ion Ratio Lower Upper
 252 100
 253 112.9 16.0 24.0#
 125 122.8 12.0 18.0#





#38

Dibenzo(a,h)anthracene

Concen: 0.118 ng

RT: 25.52 min Scan# 2850

Delta R.T. -0.00 min

Lab File: BE097053.D

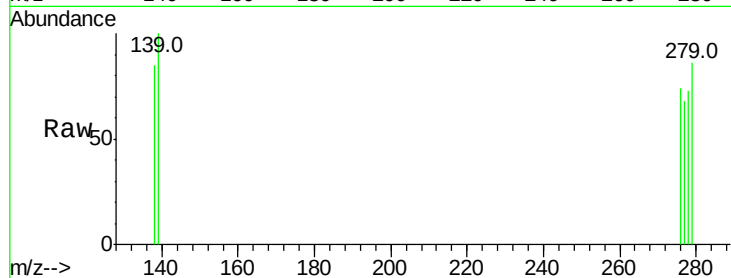
Acq: 24 Jul 2018 1:59

Instrument :

BNA_E

ClientSampleId :

RE123D2-071818



Tot Ion:	278	Resp:	3
Ion	Ratio	Lower	Upper
278	100		
139	136.8	16.0	24.0#
279	117.5	20.0	30.0#

