

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072318\
 Data File : BE097043.D
 Acq On : 23 Jul 2018 19:05
 Operator : SJ/JU
 Sample : J4073-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE126D1-071718

Quant Time: Jul 24 05:27:39 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	1385	0.40	ng	0.00
7) Naphthalene-d8	10.14	136	6489	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	4017	0.40	ng	0.00
19) Phenanthrene-d10	16.76	188	11845	0.40	ng	0.00
27) Chrysene-d12	20.98	240	11706	0.40	ng	0.00
34) Perylene-d12	23.21	264	11298	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.06	112	769	0.23	ng	0.00
5) Phenol-d6	6.59	99	702	0.14	ng	0.00
8) Nitrobenzene-d5	8.53	82	2751	0.58	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	4203	0.44	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	697	0.71	ng	0.00
15) 2-Fluorobiphenyl	12.63	172	9100	0.61	ng	0.00
25) Fluoranthene-d10	18.81	212	59379	0.58	ng	0.00
29) Terphenyl-d14	19.43	244	12611	0.56	ng	0.00

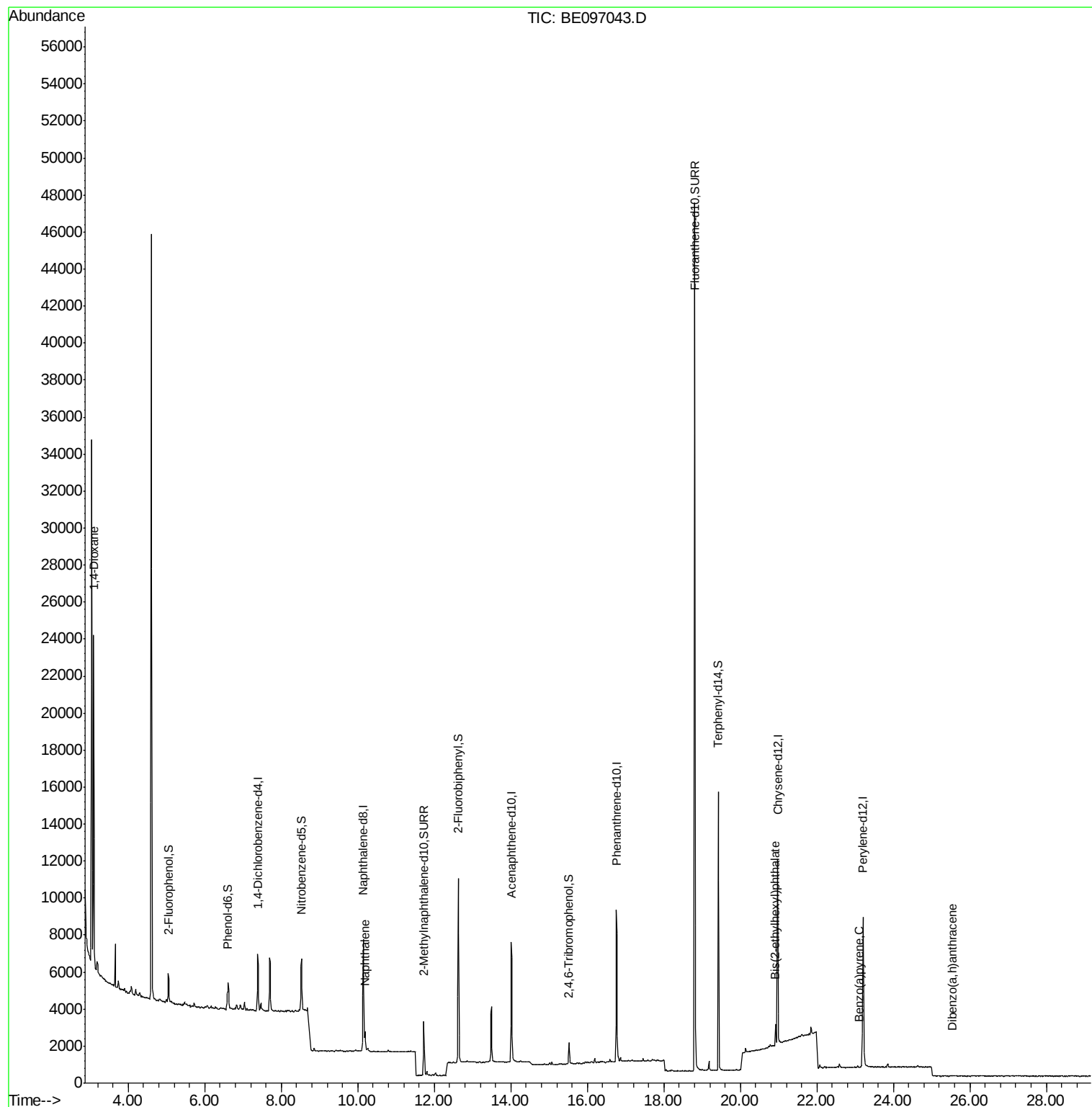
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.09	88	8969	4.524	ng	# 90
9) Naphthalene	10.20	128	1712	0.029	ng	# 89
22) Pentachlorophenol	16.43	266	6	Below Cal		92
32) Bis(2-ethylhexyl)phthalate	20.92	149	1579	0.057	ng	# 100
37) Benzo(a)pyrene	23.11	252	11	0.102	ng	# 1
38) Dibenzo(a,h)anthracene	25.53	278	5	0.118	ng	# 1

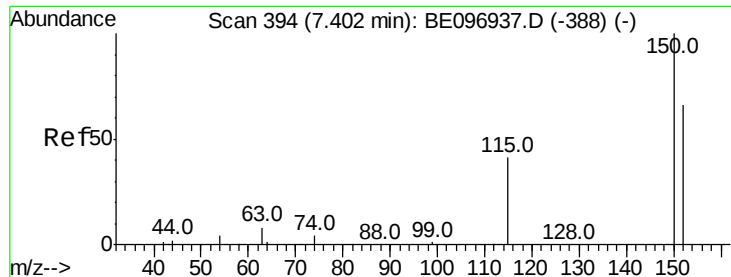
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 20 11:34:20 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.39 min Scan# 393

Delta R.T. -0.00 min

Lab File: BE097043.D

Acq: 23 Jul 2018 19:05

Instrument :

BNA_E

ClientSampleId :

RE126D1-071718

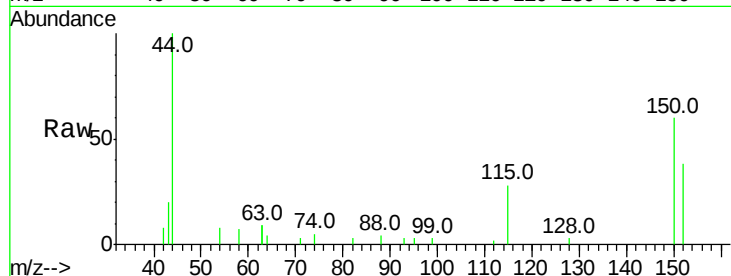
Tot Ion:152 Resp: 1385

Ion Ratio Lower Upper

152 100

150 160.3 117.2 175.8

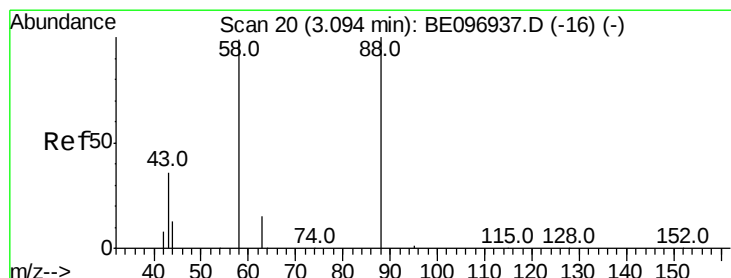
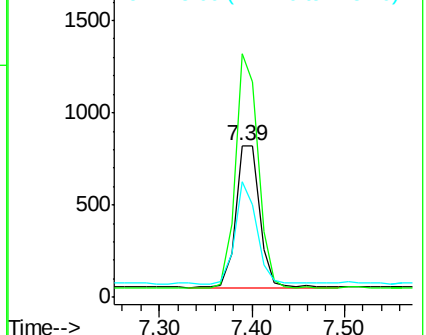
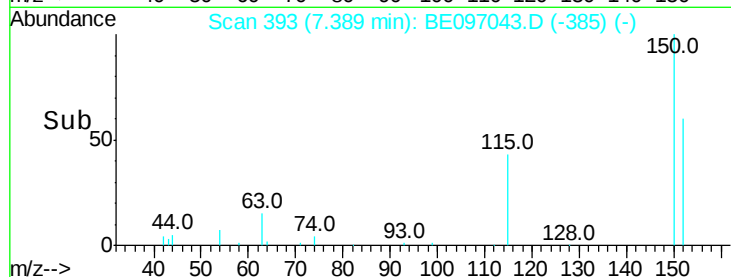
115 75.7 57.0 85.6



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: 4.524 ng

RT: 3.09 min Scan# 20

Delta R.T. -0.00 min

Lab File: BE097043.D

Acq: 23 Jul 2018 19:05

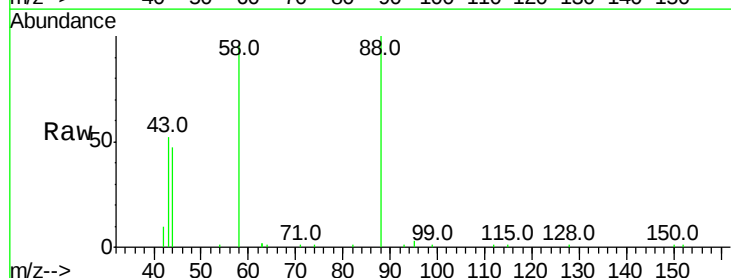
Tgt Ion: 88 Resp: 8969

Ion Ratio Lower Upper

88 100

58 81.9 63.2 94.8

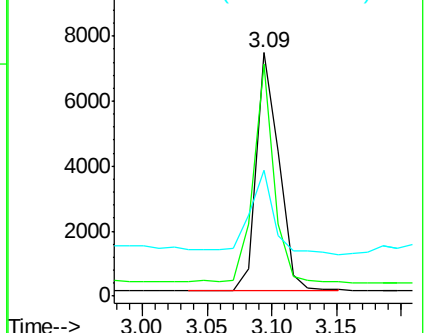
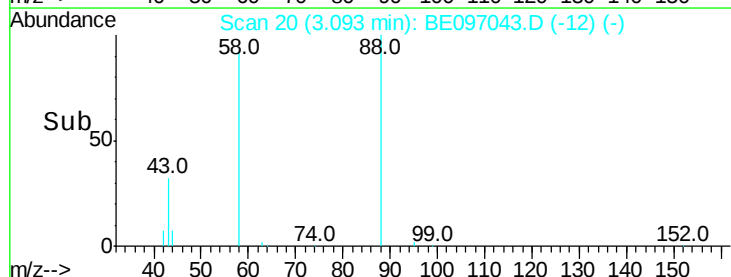
43 36.9 41.2 61.8#

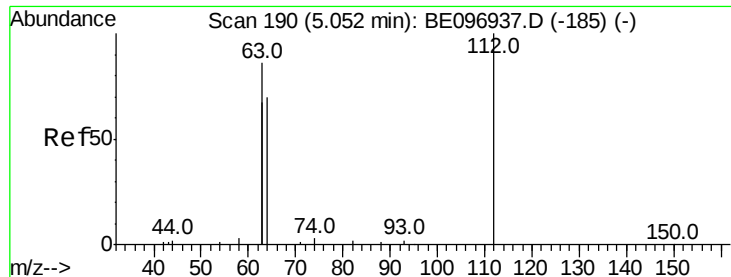


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.232 ng

RT: 5.06 min Scan# 191

Delta R.T. 0.01 min

Lab File: BE097043.D

Acq: 23 Jul 2018 19:05

Instrument :

BNA_E

ClientSampleId :

RE126D1-071718

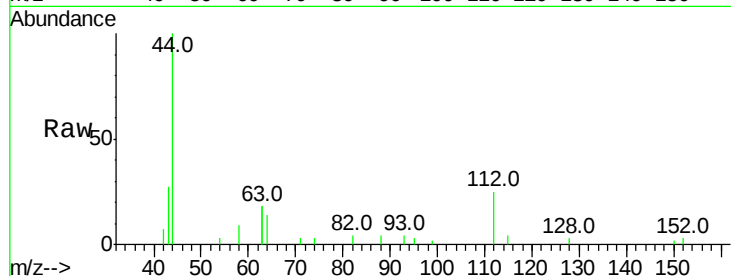
Tot Ion:112 Resp: 769

Ion Ratio Lower Upper

112 100

64 74.1 60.1 90.1

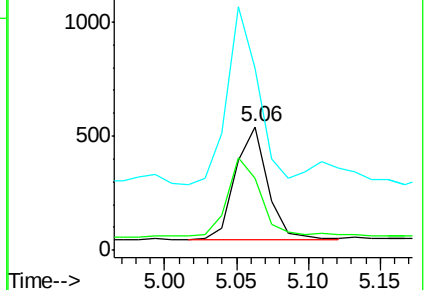
63 152.9 116.8 175.2



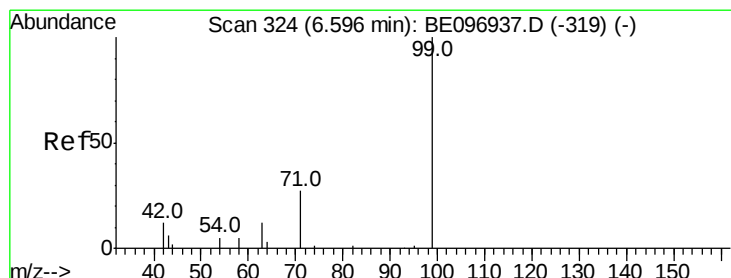
Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



Time-->



#5

Phenol-d6

Concen: 0.139 ng

RT: 6.59 min Scan# 324

Delta R.T. -0.00 min

Lab File: BE097043.D

Acq: 23 Jul 2018 19:05

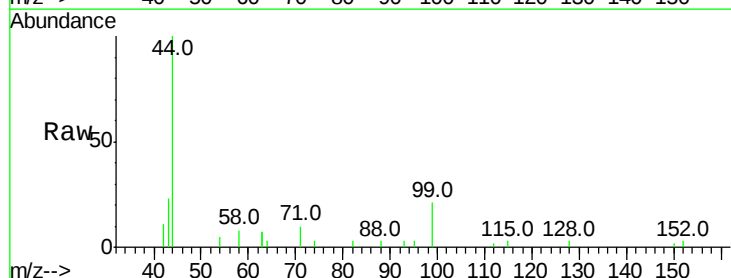
Tgt Ion: 99 Resp: 702

Ion Ratio Lower Upper

99 100

42 30.8 20.2 30.2#

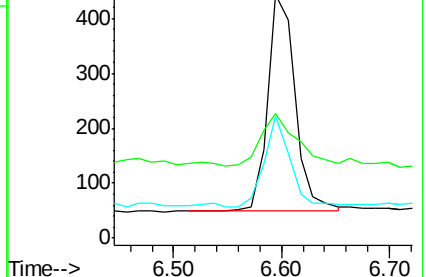
71 39.3 28.4 42.6



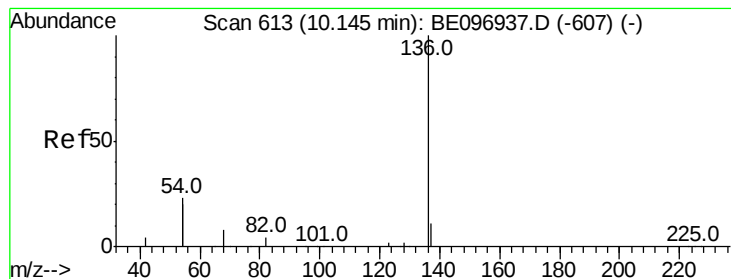
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.14 min Scan# 613

Delta R.T. -0.00 min

Lab File: BE097043.D

Acq: 23 Jul 2018 19:05

Instrument :

BNA_E

ClientSampleId :

RE126D1-071718

Tot Ion:136 Resp: 6489

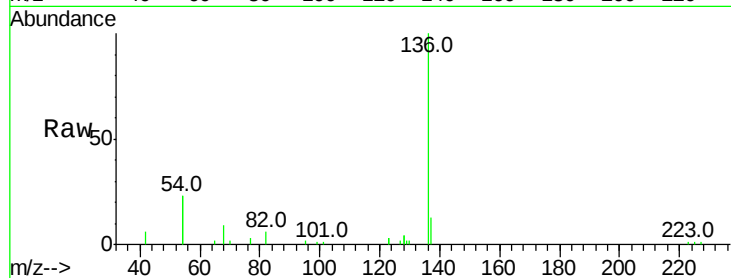
Ion Ratio Lower Upper

136 100

137 12.5 9.5 14.3

54 46.2 29.1 43.7#

68 8.6 6.2 9.2

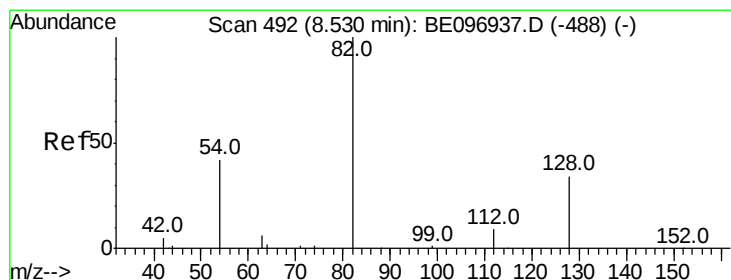
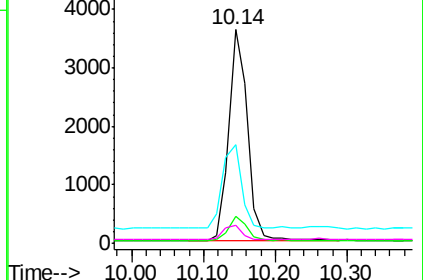
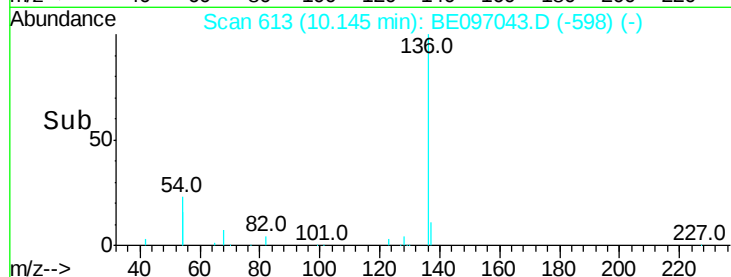


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.581 ng

RT: 8.53 min Scan# 492

Delta R.T. 0.01 min

Lab File: BE097043.D

Acq: 23 Jul 2018 19:05

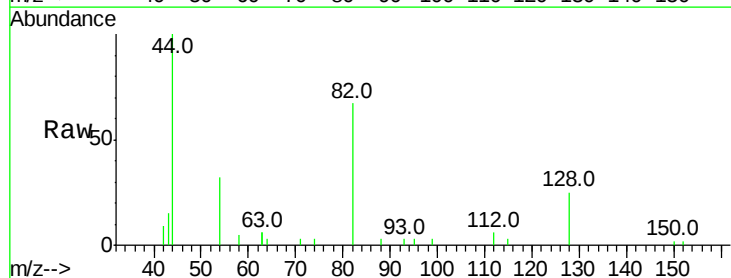
Tgt Ion: 82 Resp: 2751

Ion Ratio Lower Upper

82 100

128 37.5 24.0 36.0#

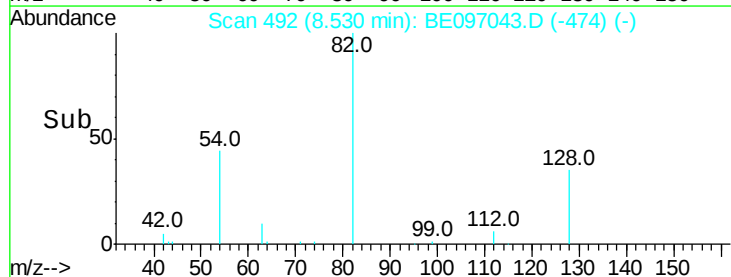
54 47.2 40.0 60.0



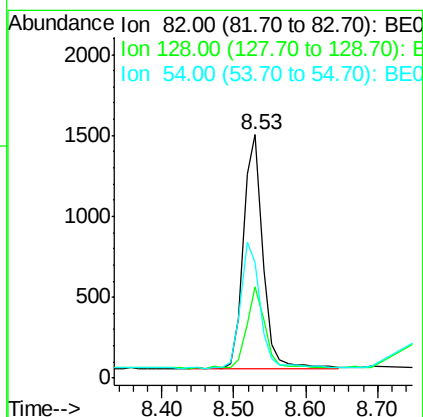
Abundance Ion 82.00 (81.70 to 82.70): BE0

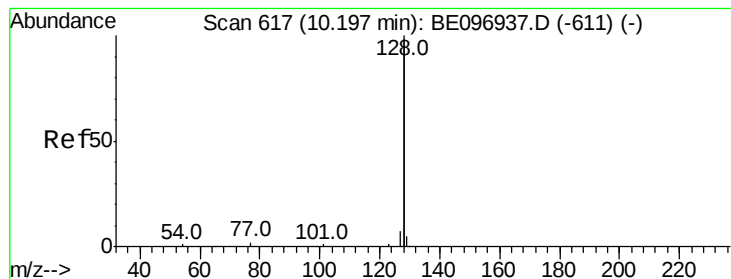
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0



Time-->





#9

Naphthalene

Concen: 0.029 ng

RT: 10.20 min Scan# 617

Delta R.T. -0.00 min

Lab File: BE097043.D

Acq: 23 Jul 2018 19:05

Instrument :

BNA_E

ClientSampleId :

RE126D1-071718

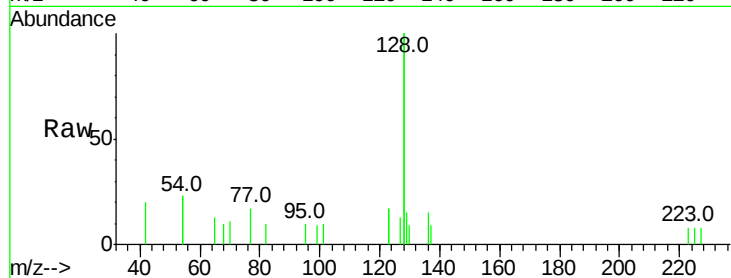
Tot Ion:128 Resp: 1712

Ion Ratio Lower Upper

128 100

129 7.3 2.6 3.8#

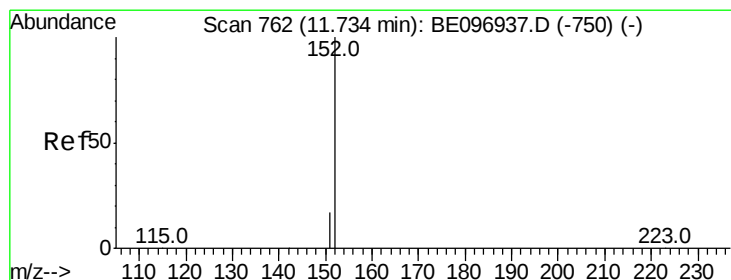
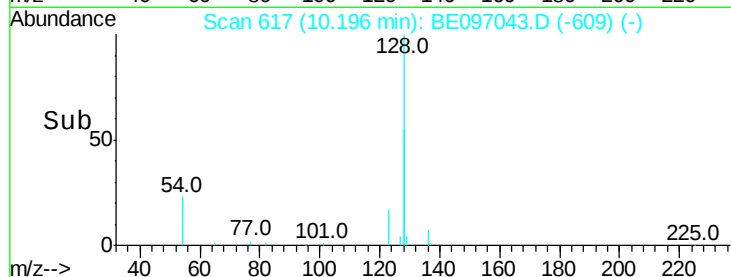
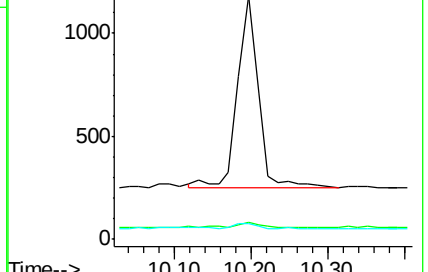
127 6.7 2.8 4.2#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#11

2-Methylnaphthalene-d10

Concen: 0.444 ng

RT: 11.73 min Scan# 761

Delta R.T. -0.00 min

Lab File: BE097043.D

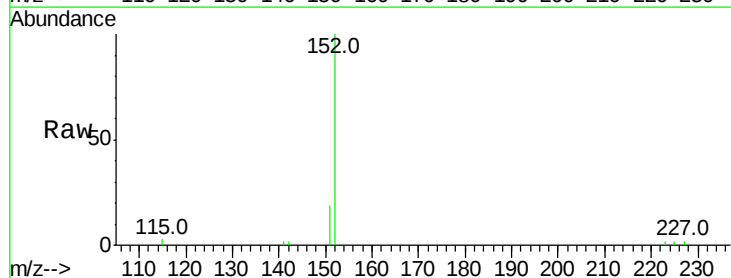
Acq: 23 Jul 2018 19:05

Tgt Ion:152 Resp: 4203

Ion Ratio Lower Upper

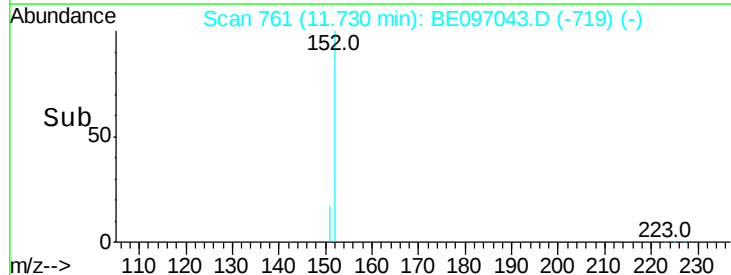
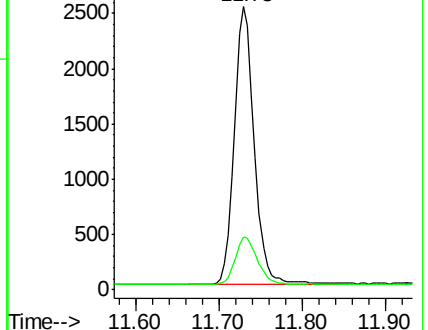
152 100

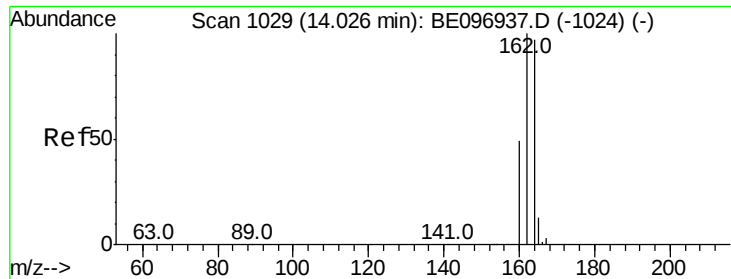
151 19.1 15.4 23.0



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: 14.01 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BE097043.D

Acq: 23 Jul 2018 19:05

Instrument :

BNA_E

ClientSampleId :

RE126D1-071718

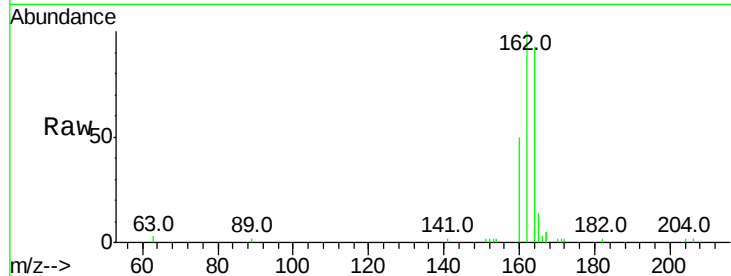
Tot Ion:164 Resp: 4017

Ion Ratio Lower Upper

164 100

162 107.9 83.1 124.7

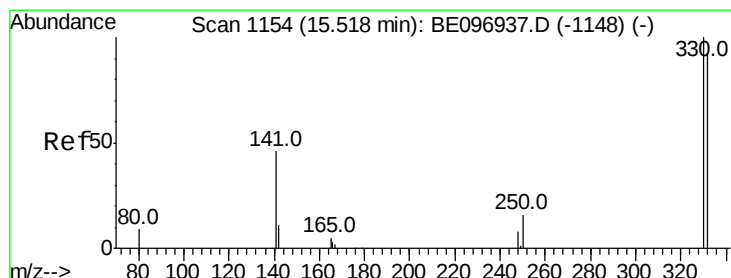
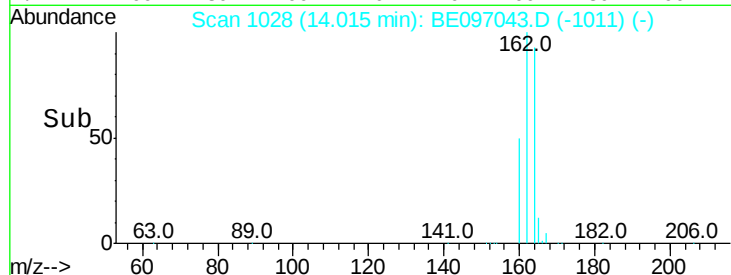
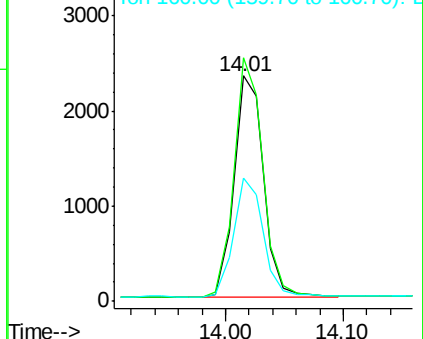
160 54.5 37.1 55.7



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: 0.710 ng

RT: 15.52 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BE097043.D

Acq: 23 Jul 2018 19:05

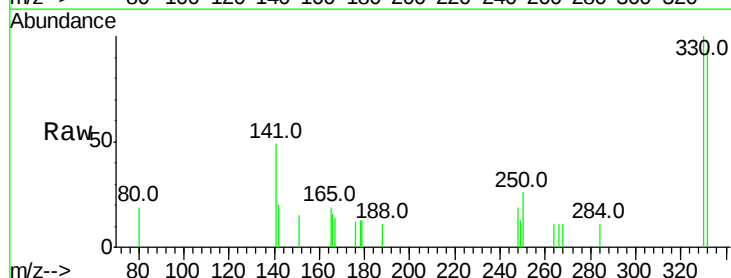
Tgt Ion:330 Resp: 697

Ion Ratio Lower Upper

330 100

332 95.6 152.7 229.1#

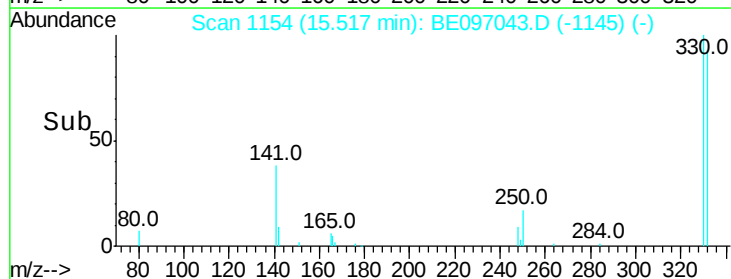
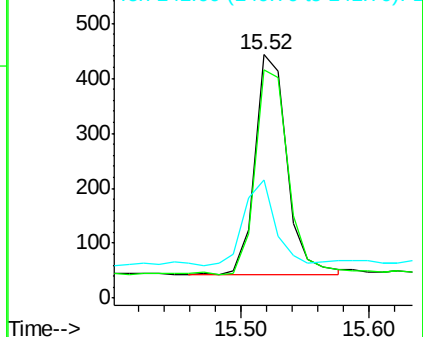
141 38.7 33.7 50.5

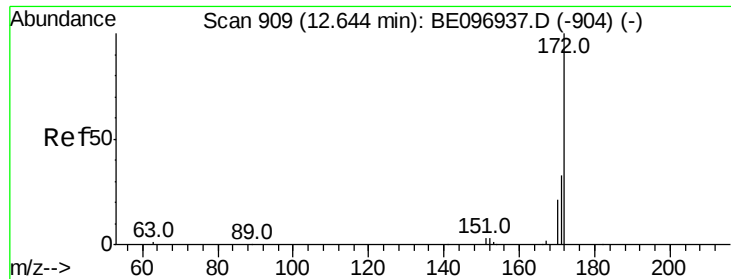


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

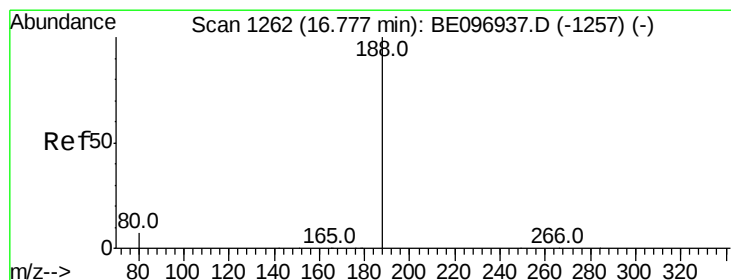
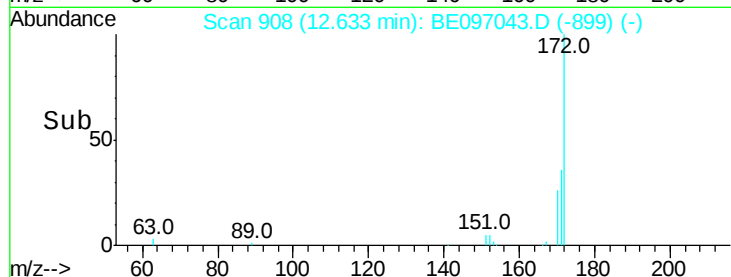
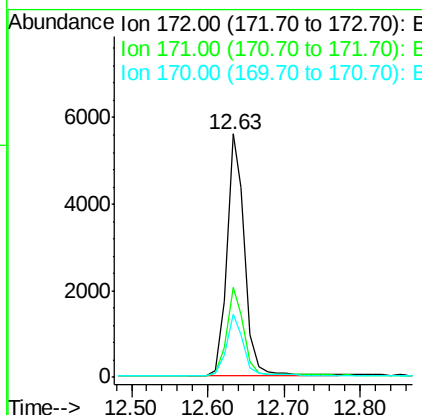
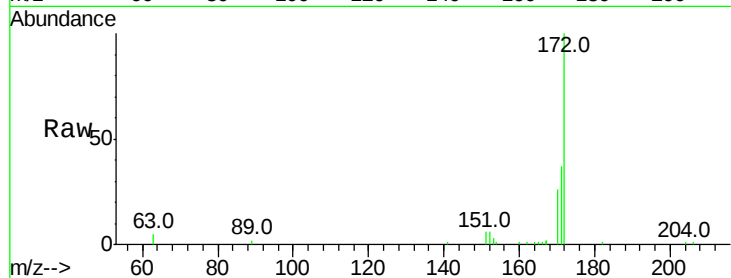




#15
2-Fluorobiphenyl
Concen: 0.609 ng
RT: 12.63 min Scan# 908
Delta R.T. 0.00 min
Lab File: BE097043.D
Acq: 23 Jul 2018 19:05

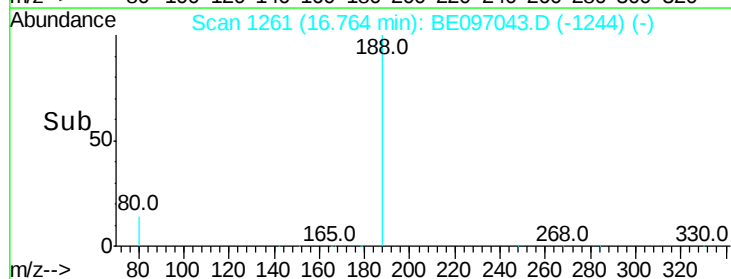
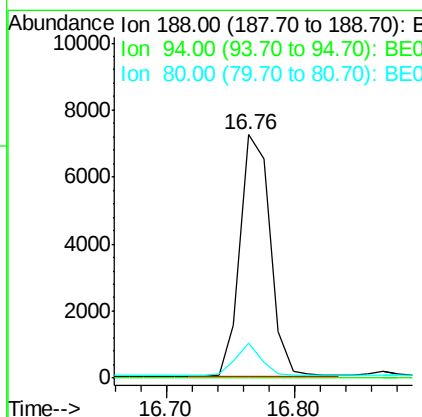
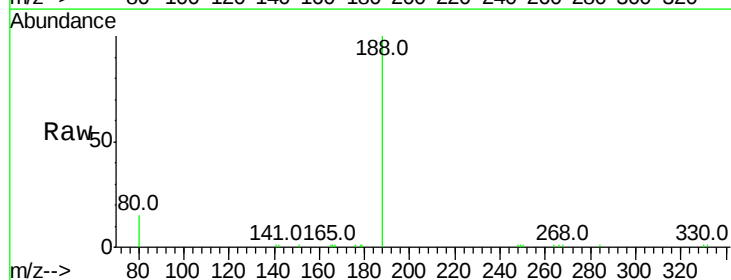
Instrument :
BNA_E
ClientSampleId :
RE126D1-071718

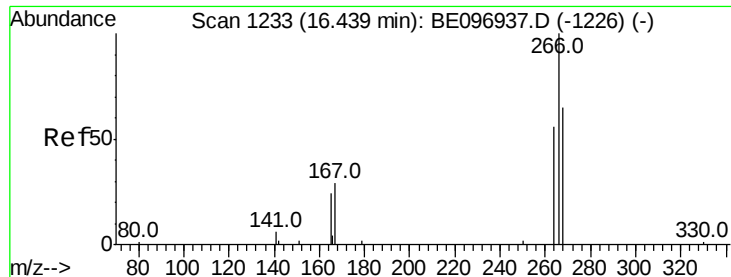
Tot Ion:172 Resp: 9100
Ion Ratio Lower Upper
172 100
171 36.7 29.9 44.9
170 26.2 21.8 32.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.76 min Scan# 1261
Delta R.T. 0.00 min
Lab File: BE097043.D
Acq: 23 Jul 2018 19:05

Tgt Ion:188 Resp: 11845
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 14.5 3.6 5.4#



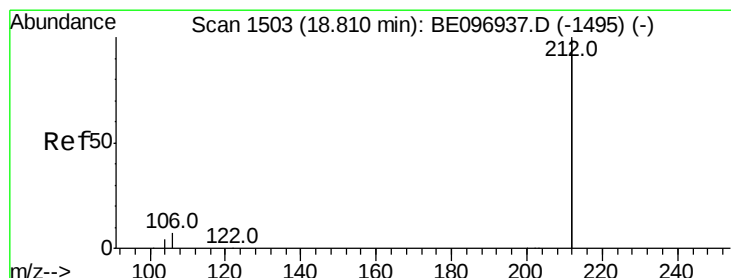
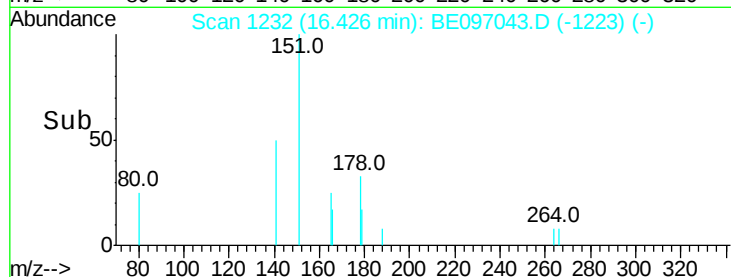
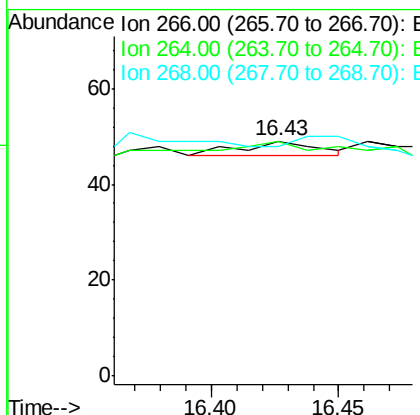
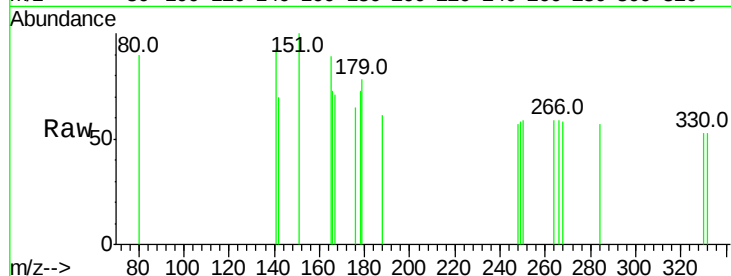


#22
 Pentachlorophenol
 Concen: Below Cal
 RT: 16.43 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: BE097043.D
 Acq: 23 Jul 2018 19:05

Instrument :
 BNA_E
 ClientSampleId :
 RE126D1-071718

Tot Ion:266 Resp: 6

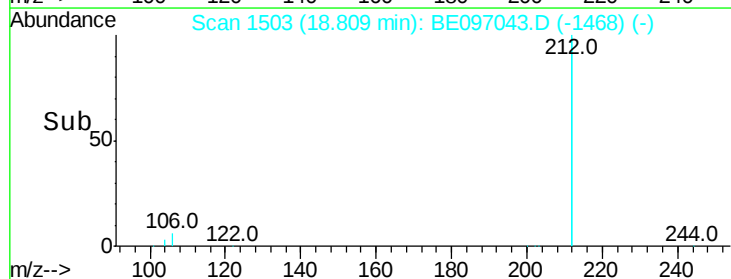
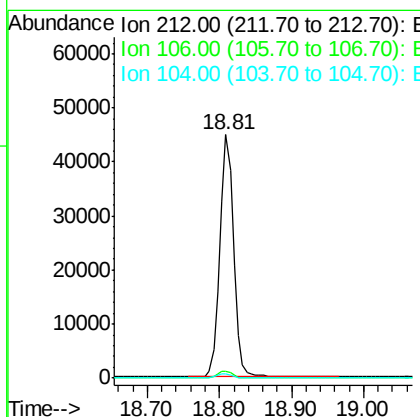
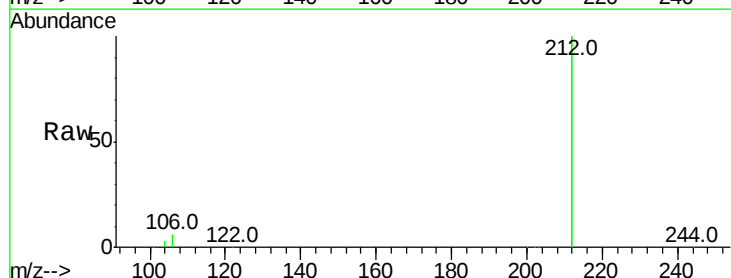
Ion	Ratio	Lower	Upper
266	100		
264	100.0	72.5	108.7
268	98.0	73.8	110.6

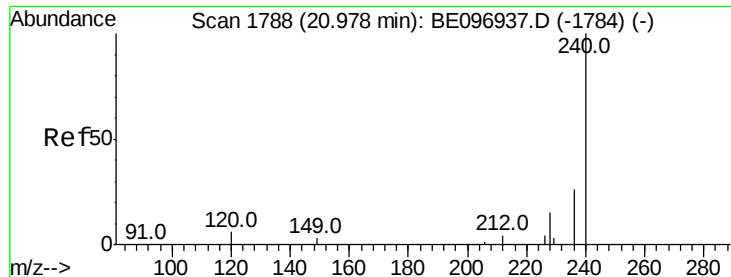


#25
 Fluoranthene-d10
 Concen: 0.576 ng
 RT: 18.81 min Scan# 1503
 Delta R.T. -0.00 min
 Lab File: BE097043.D
 Acq: 23 Jul 2018 19:05

Tgt Ion:212 Resp: 59379

Ion	Ratio	Lower	Upper
212	100		
106	3.0	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: BE097043.D

Acq: 23 Jul 2018 19:05

Instrument :

BNA_E

ClientSampleId :

RE126D1-071718

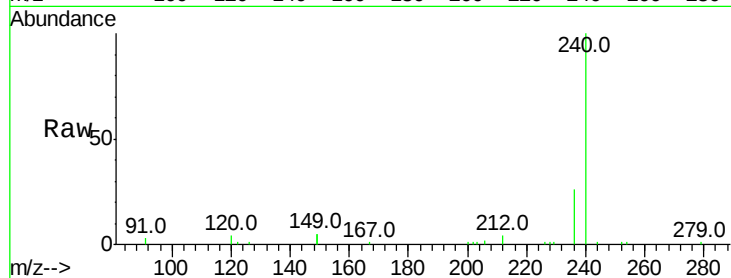
Tot Ion:240 Resp: 11706

Ion Ratio Lower Upper

240 100

120 4.4 5.5 8.3#

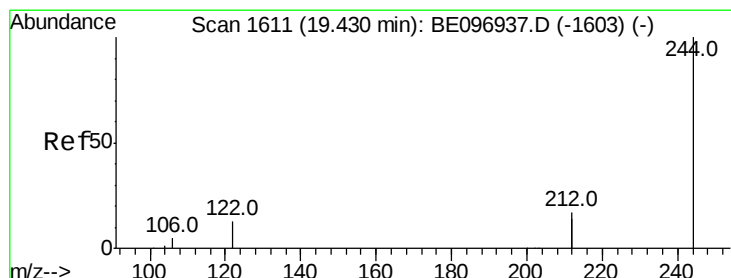
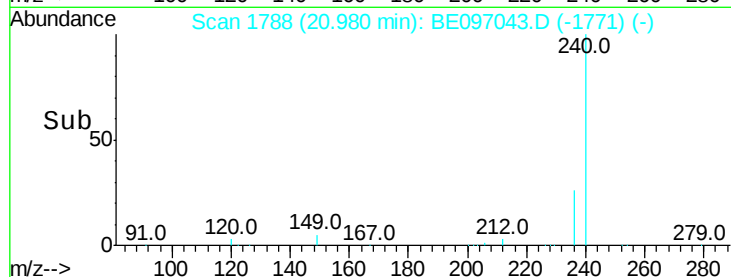
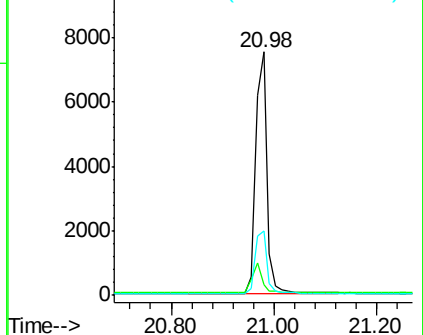
236 26.2 20.7 31.1



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: 0.558 ng

RT: 19.43 min Scan# 1611

Delta R.T. -0.00 min

Lab File: BE097043.D

Acq: 23 Jul 2018 19:05

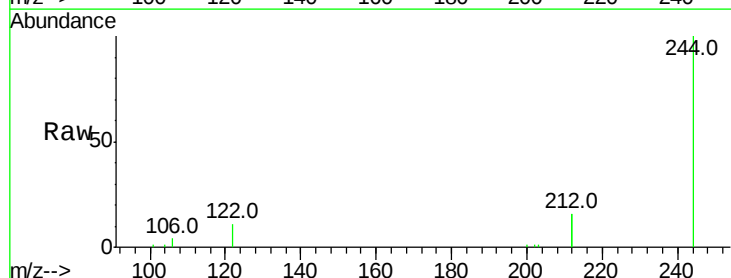
Tgt Ion:244 Resp: 12611

Ion Ratio Lower Upper

244 100

212 31.8 25.4 38.0

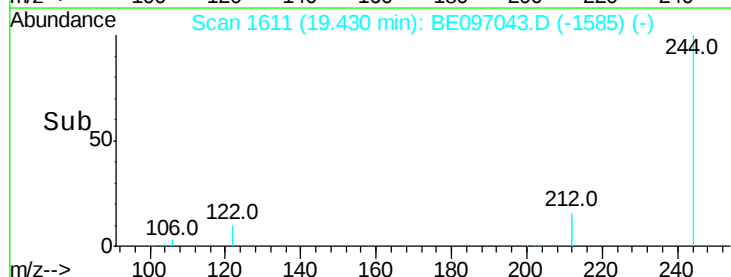
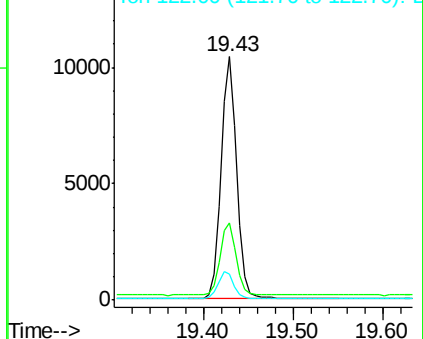
122 10.6 8.1 12.1

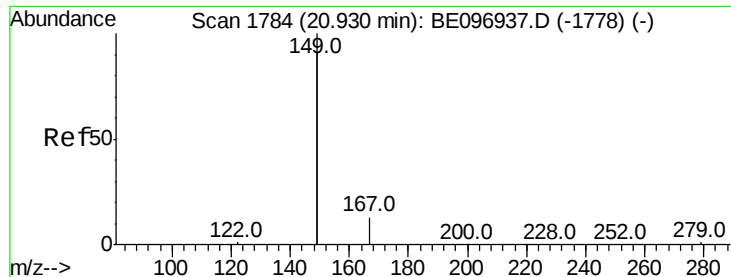


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

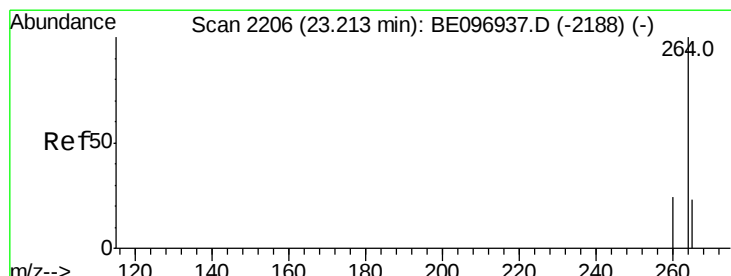
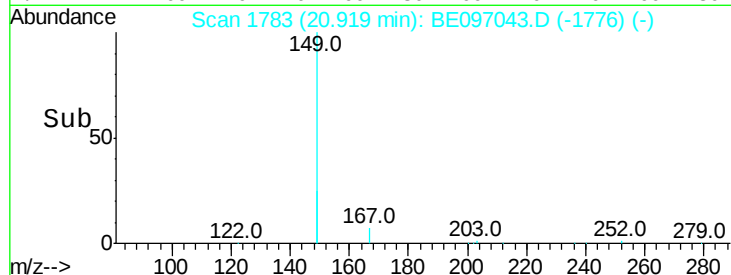
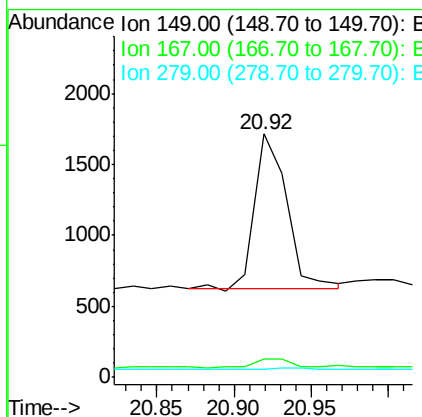
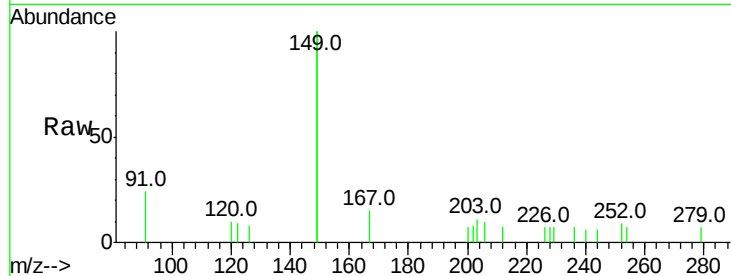




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.057 ng
 RT: 20.92 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: BE097043.D
 Acq: 23 Jul 2018 19:05

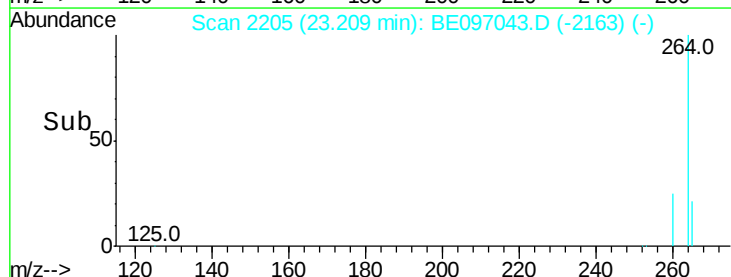
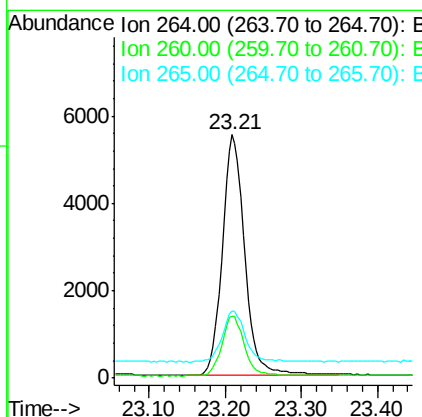
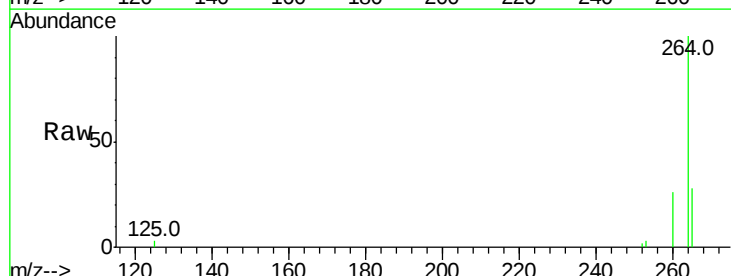
Instrument :
 BNA_E
 ClientSampleId :
 RE126D1-071718

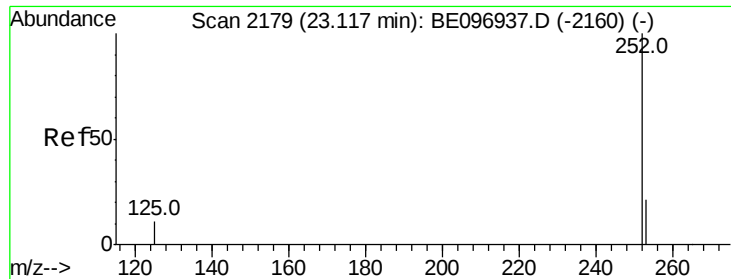
Tot Ion:149 Resp: 1579
 Ion Ratio Lower Upper
 149 100
 167 6.6 5.4 8.0
 279 1.9 0.7 1.1#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.21 min Scan# 2205
 Delta R.T. -0.00 min
 Lab File: BE097043.D
 Acq: 23 Jul 2018 19:05

Tgt Ion:264 Resp: 11298
 Ion Ratio Lower Upper
 264 100
 260 25.7 20.5 30.7
 265 27.5 22.8 34.2





#37

Benzo(a)pyrene

Concen: 0.102 ng

RT: 23.11 min Scan# 2177

Delta R.T. -0.00 min

Lab File: BE097043.D

Acq: 23 Jul 2018 19:05

Instrument :

BNA_E

ClientSampleId :

RE126D1-071718

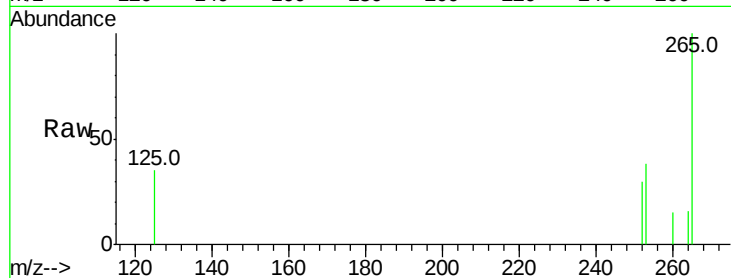
Tot Ion:252 Resp: 11

Ion Ratio Lower Upper

252 100

253 127.3 16.0 24.0#

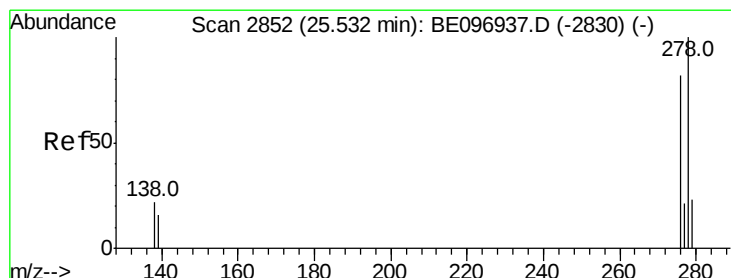
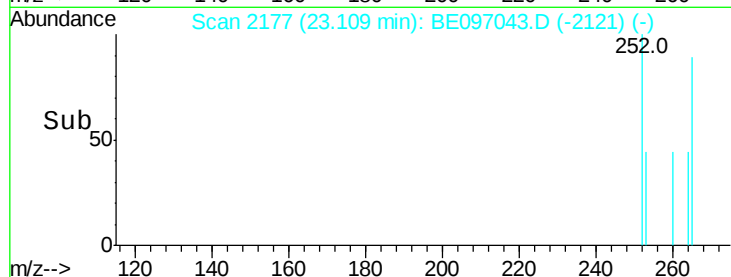
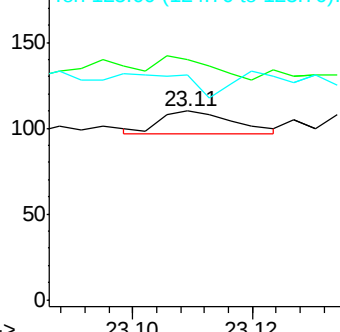
125 119.1 12.0 18.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.118 ng

RT: 25.53 min Scan# 2853

Delta R.T. 0.01 min

Lab File: BE097043.D

Acq: 23 Jul 2018 19:05

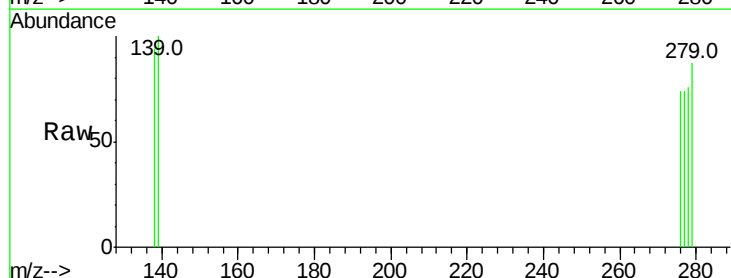
Tgt Ion:278 Resp: 5

Ion Ratio Lower Upper

278 100

139 132.3 16.0 24.0#

279 114.5 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

