

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072618\
 Data File : BE097105.D
 Acq On : 26 Jul 2018 16:36
 Operator : SJ/JU
 Sample : PB111214BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 27 03:26:15 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE072418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 24 13:24:10 2018
 Response via : Initial Calibration

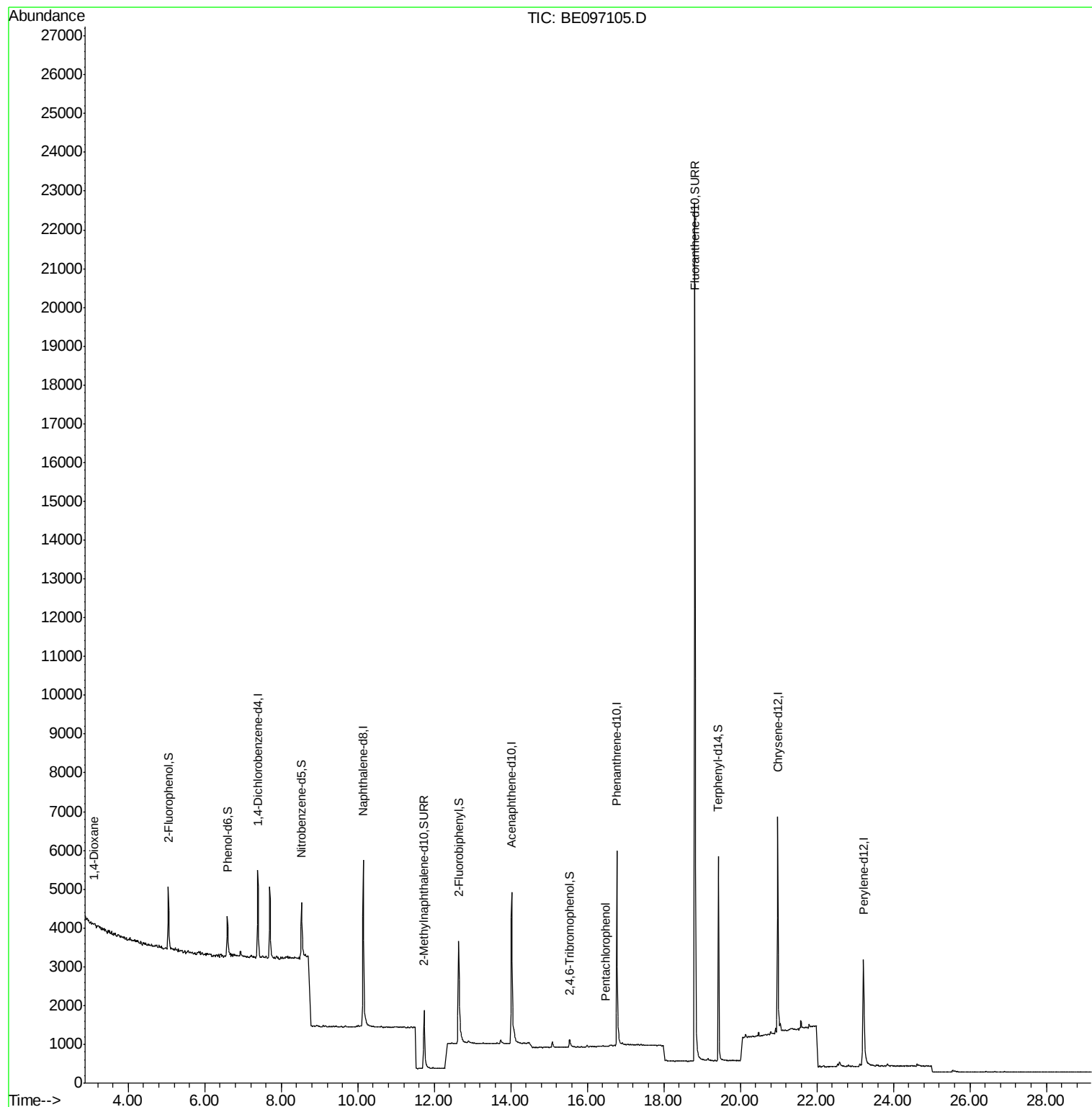
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1086	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	5183	0.40	ng	0.00
13) Acenaphthene-d10	14.03	164	3051	0.40	ng	0.01
19) Phenanthrene-d10	16.78	188	8679	0.40	ng	0.01
27) Chrysene-d12	20.98	240	6128	0.40	ng	0.00
34) Perylene-d12	23.22	264	5108	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	842	0.28	ng	0.00
5) Phenol-d6	6.59	99	1088	0.24	ng	0.00
8) Nitrobenzene-d5	8.53	82	1531	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	2883	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.54	330	178	0.18	ng	0.02
15) 2-Fluorobiphenyl	12.64	172	4043	0.38	ng	0.01
25) Fluoranthene-d10	18.81	212	33360	0.38	ng	0.00
29) Terphenyl-d14	19.43	244	4857	0.41	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.09	88	38	0.022	ng	Qvalue # 29
22) Pentachlorophenol	16.47	266	8	0.042	ng	93

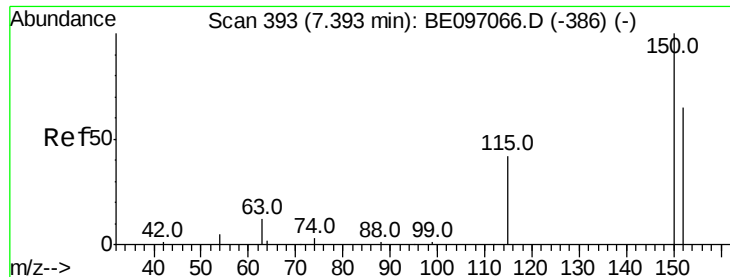
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE072418.M
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QLast Update : Tue Jul 24 13:24:10 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: BE097105.D

Acq: 26 Jul 2018 16:36

Instrument :

BNA_E

ClientSampled :

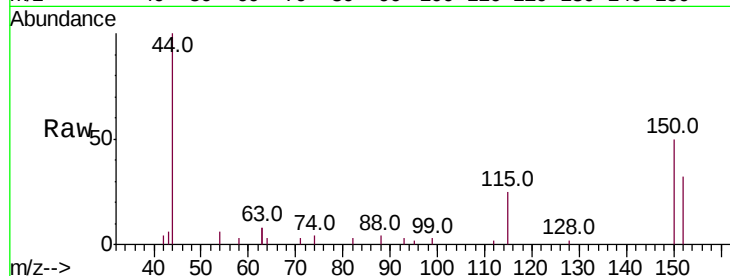
Tot Ion:152 Resp: 1086

Ion Ratio Lower Upper

152 100

150 157.3 117.2 175.8

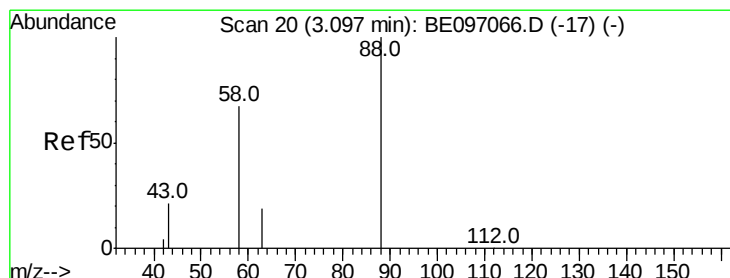
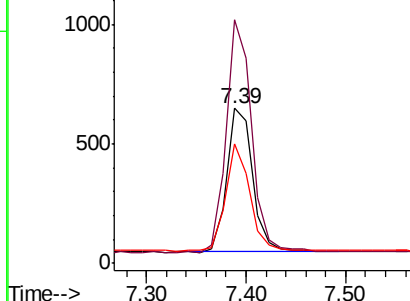
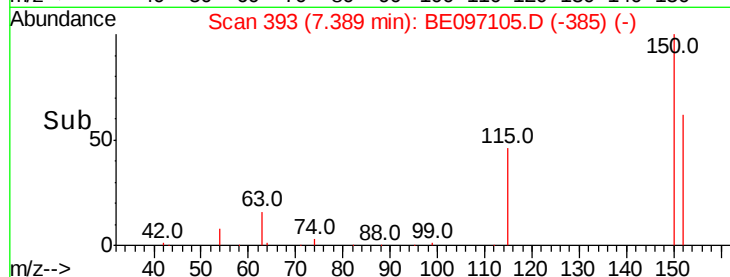
115 76.9 57.0 85.6



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



#2

1,4-Dioxane

Concen: 0.022 ng

RT: 3.09 min Scan# 20

Delta R.T. -0.00 min

Lab File: BE097105.D

Acq: 26 Jul 2018 16:36

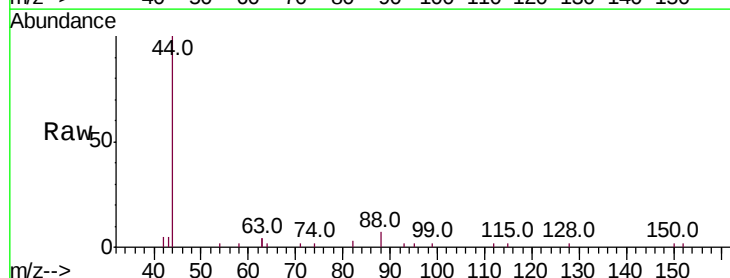
Tgt Ion: 88 Resp: 38

Ion Ratio Lower Upper

88 100

58 18.4 63.2 94.8#

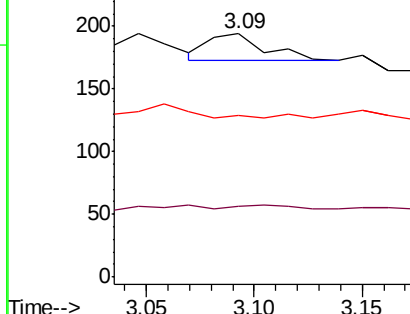
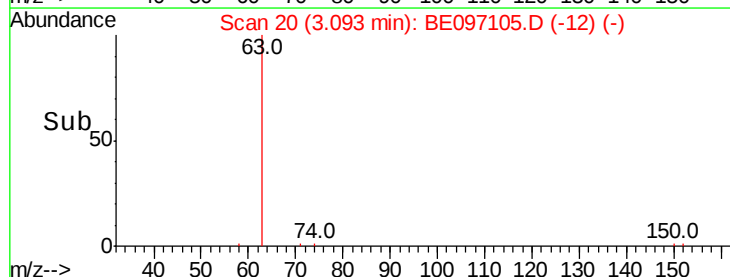
43 0.0 41.2 61.8#

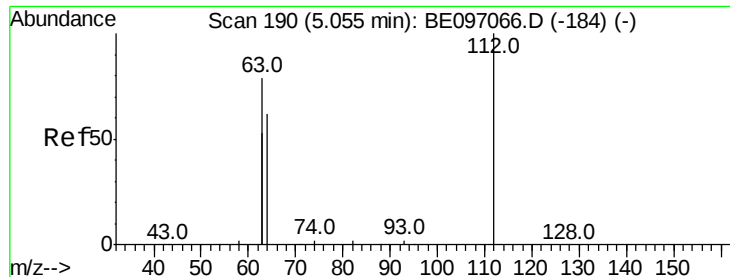


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.276 ng

RT: 5.05 min Scan# 190

Delta R.T. -0.00 min

Lab File: BE097105.D

Acq: 26 Jul 2018 16:36

Instrument :

BNA_E

ClientSampled :

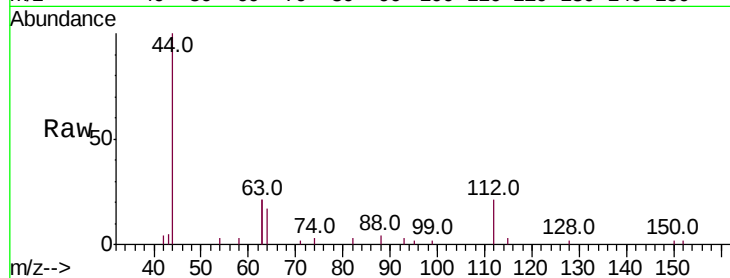
Tot Ion:112 Resp: 842

Ion Ratio Lower Upper

112 100

64 68.9 60.1 90.1

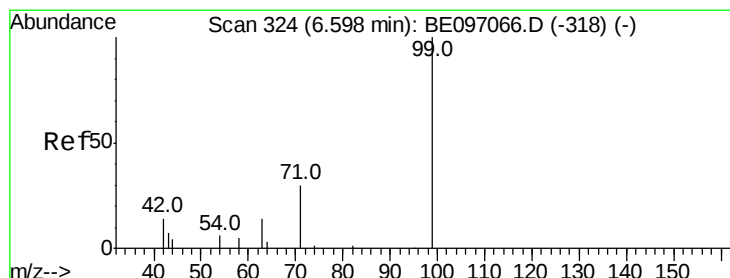
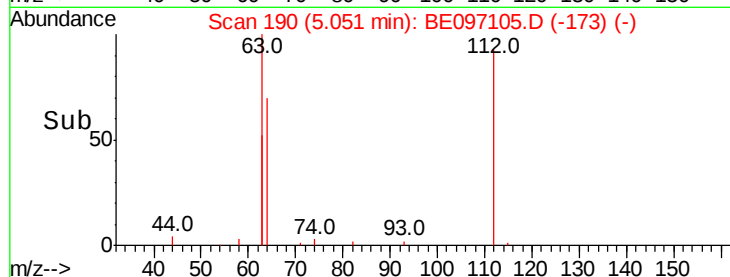
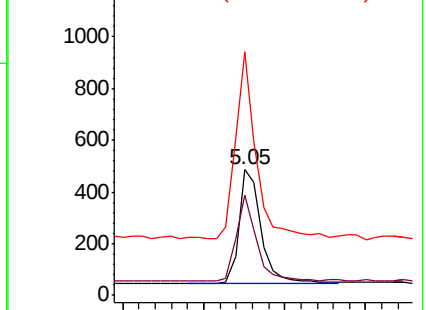
63 152.5 116.8 175.2



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: 0.243 ng

RT: 6.59 min Scan# 324

Delta R.T. -0.00 min

Lab File: BE097105.D

Acq: 26 Jul 2018 16:36

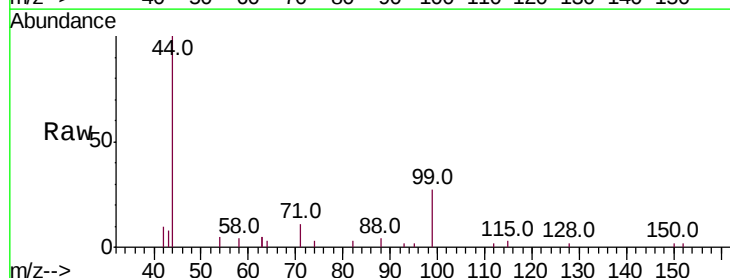
Tgt Ion: 99 Resp: 1088

Ion Ratio Lower Upper

99 100

42 23.6 20.2 30.2

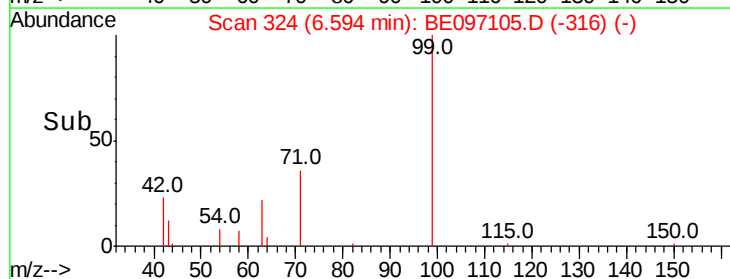
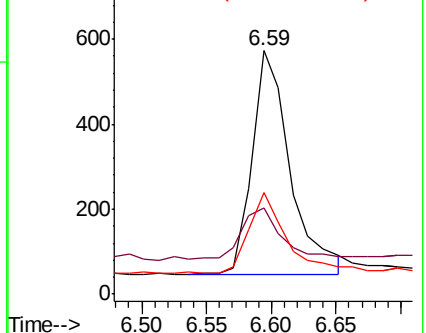
71 35.8 28.4 42.6

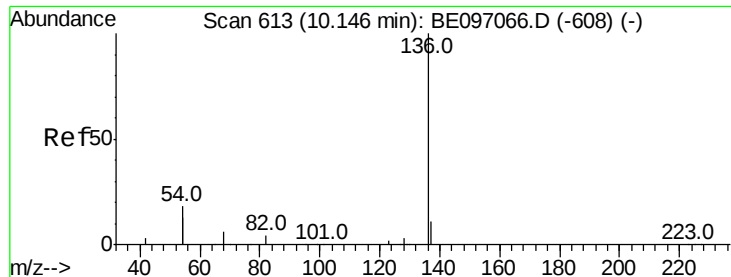


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE097105.D

Acq: 26 Jul 2018 16:36

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 5183

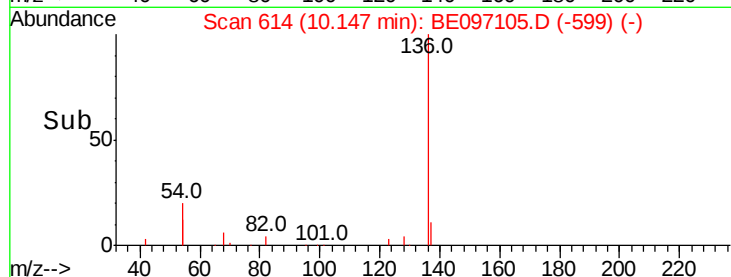
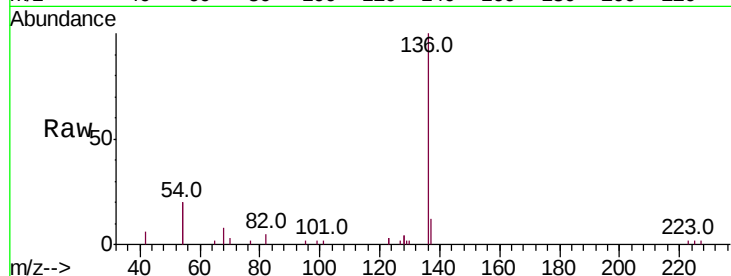
Ion Ratio Lower Upper

136 100

137 12.1 9.5 14.3

54 39.1 29.1 43.7

68 7.6 6.2 9.2

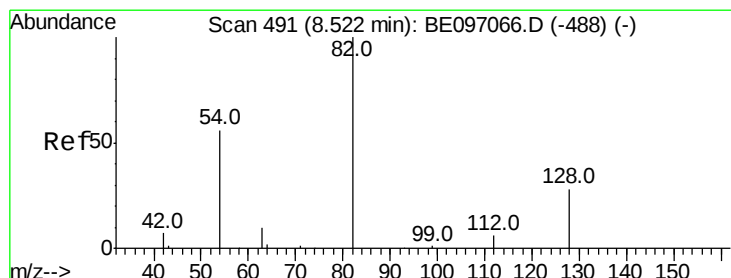
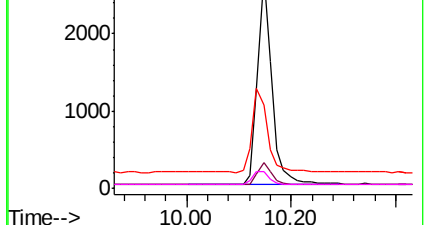


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.340 ng

RT: 8.53 min Scan# 492

Delta R.T. 0.01 min

Lab File: BE097105.D

Acq: 26 Jul 2018 16:36

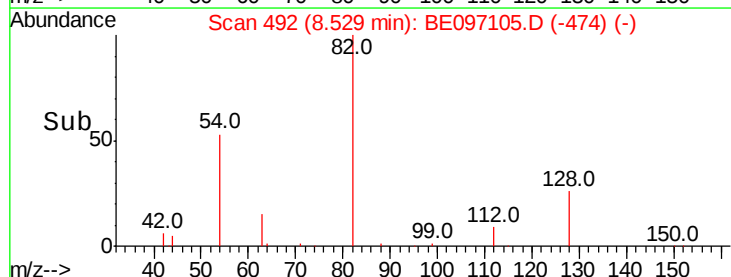
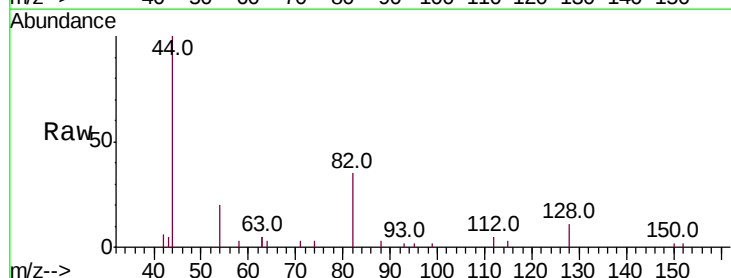
Tgt Ion: 82 Resp: 1531

Ion Ratio Lower Upper

82 100

128 31.1 24.0 36.0

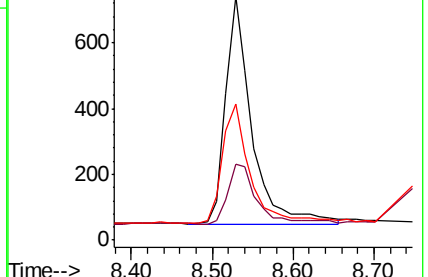
54 56.1 40.0 60.0

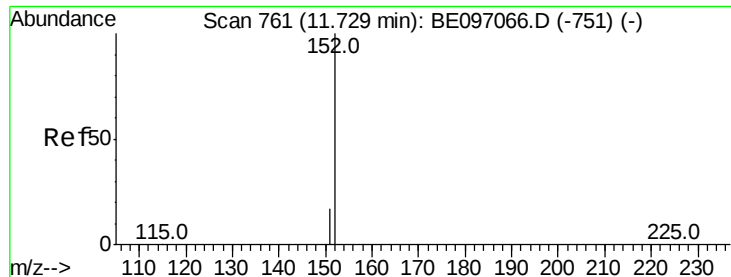


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

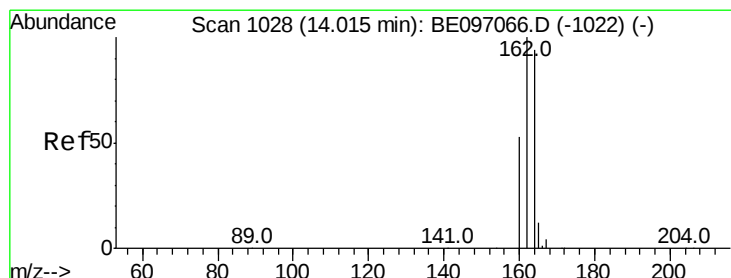
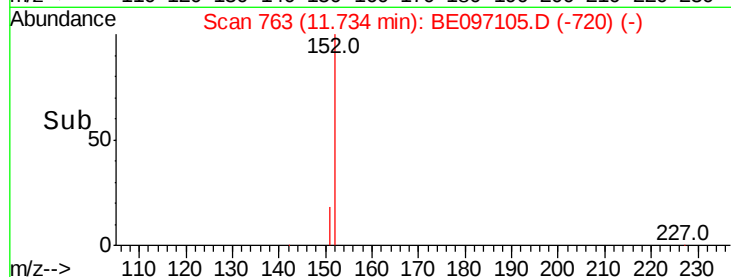
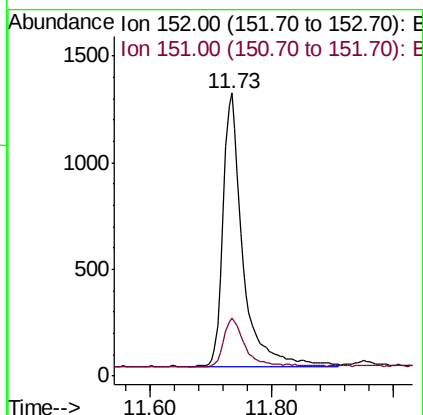
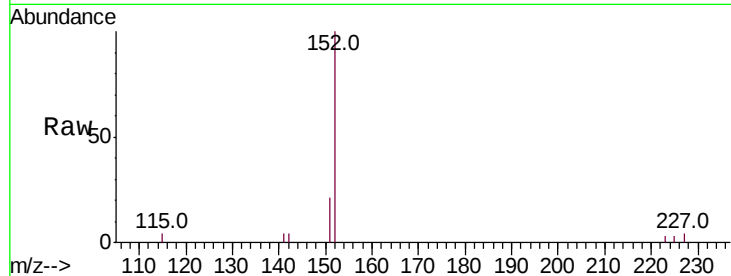




#11
2-Methylnaphthalene-d10
Concen: 0.372 ng
RT: 11.73 min Scan# 763
Delta R.T. 0.01 min
Lab File: BE097105.D
Acq: 26 Jul 2018 16:36

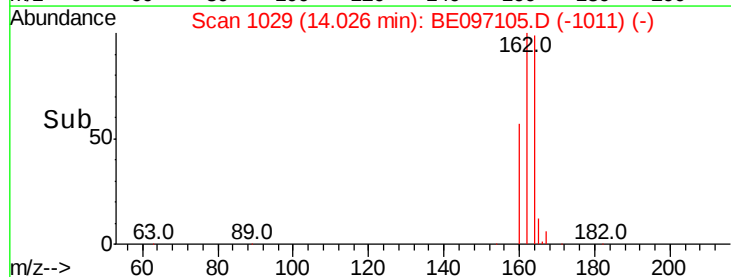
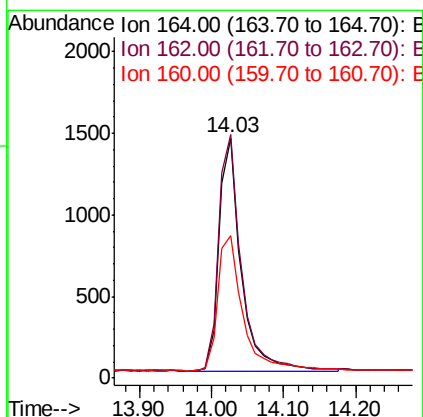
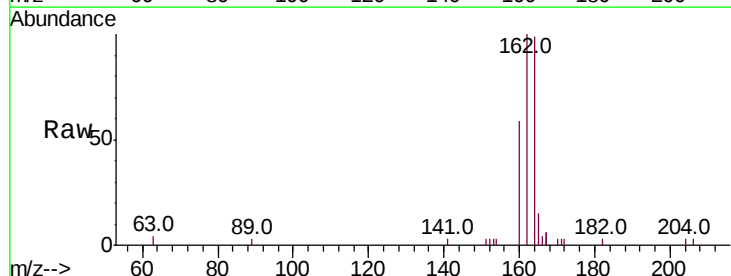
Instrument :
BNA_E
ClientSampleId :

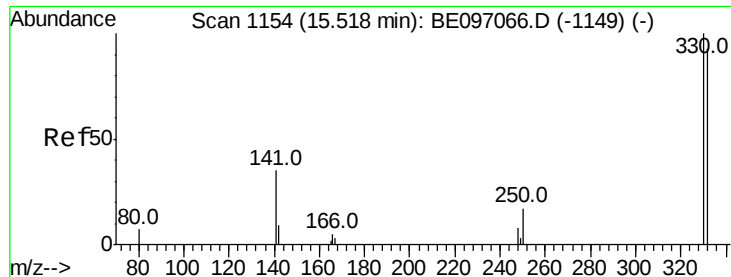
Tot Ion:152 Resp: 2883
Ion Ratio Lower Upper
152 100
151 19.1 15.4 23.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.03 min Scan# 1029
Delta R.T. 0.01 min
Lab File: BE097105.D
Acq: 26 Jul 2018 16:36

Tgt Ion:164 Resp: 3051
Ion Ratio Lower Upper
164 100
162 101.3 83.1 124.7
160 59.5 37.1 55.7#





#14

2,4,6-Tribromophenol

Concen: 0.177 ng

RT: 15.54 min Scan# 1156

Delta R.T. 0.02 min

Lab File: BE097105.D

Acq: 26 Jul 2018 16:36

Instrument :

BNA_E

ClientSampled :

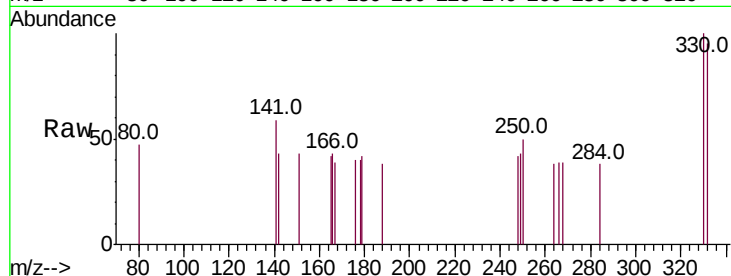
Tot Ion:330 Resp: 178

Ion Ratio Lower Upper

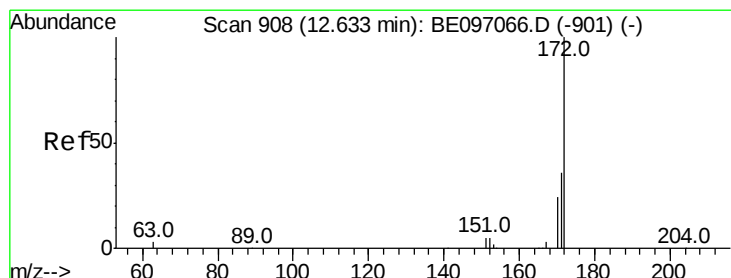
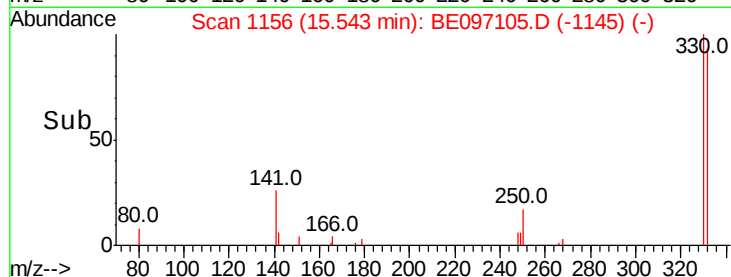
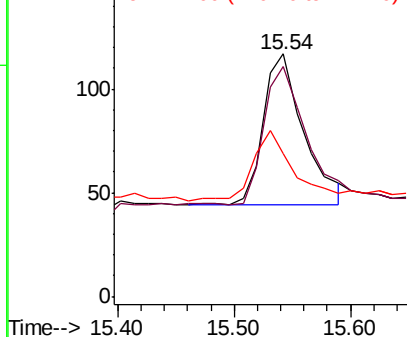
330 100

332 96.1 152.7 229.1#

141 42.1 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: 0.384 ng

RT: 12.64 min Scan# 909

Delta R.T. 0.01 min

Lab File: BE097105.D

Acq: 26 Jul 2018 16:36

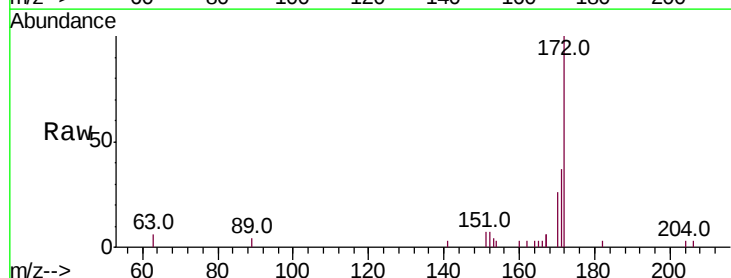
Tgt Ion:172 Resp: 4043

Ion Ratio Lower Upper

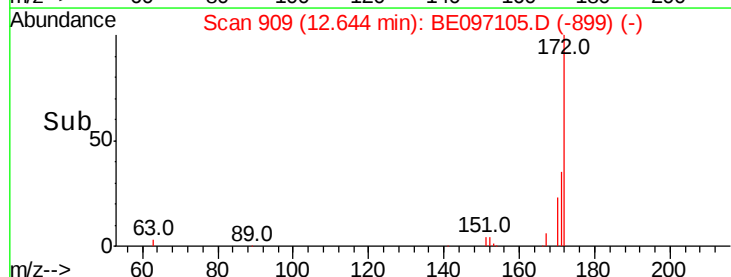
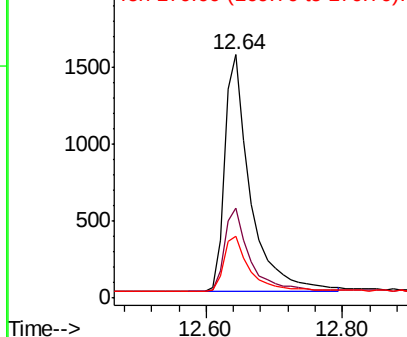
172 100

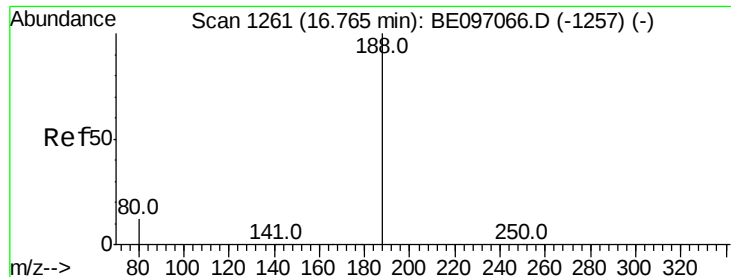
171 36.7 29.9 44.9

170 25.7 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. 0.01 min

Lab File: BE097105.D

Acq: 26 Jul 2018 16:36

Instrument :

BNA_E

ClientSampleId :

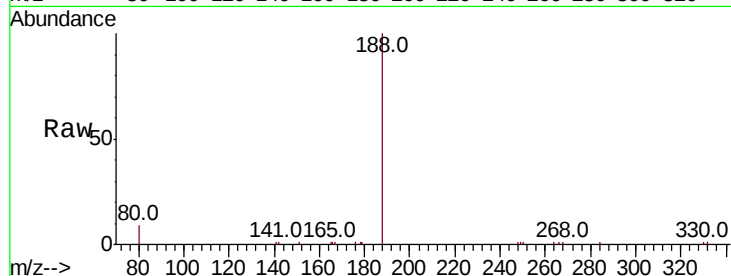
Tot Ion:188 Resp: 8679

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

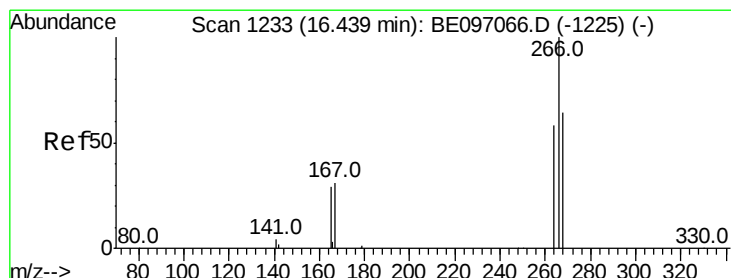
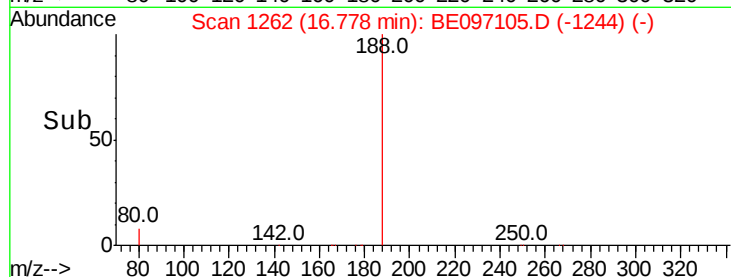
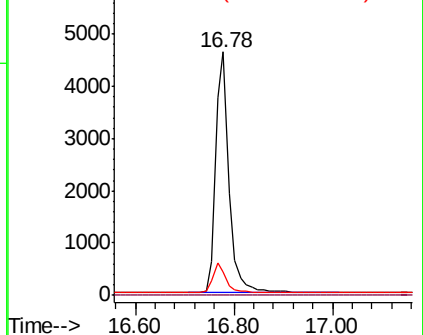
80 9.5 3.6 5.4#



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: 0.042 ng

RT: 16.47 min Scan# 1236

Delta R.T. 0.04 min

Lab File: BE097105.D

Acq: 26 Jul 2018 16:36

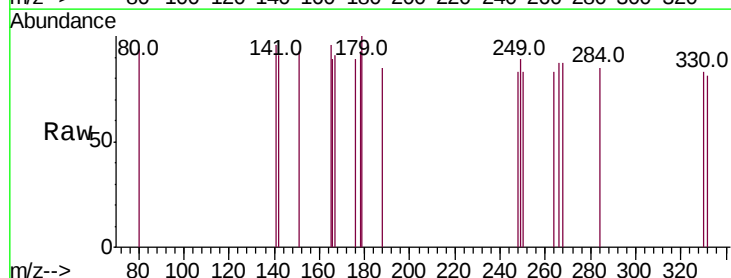
Tgt Ion:266 Resp: 8

Ion Ratio Lower Upper

266 100

264 95.7 72.5 108.7

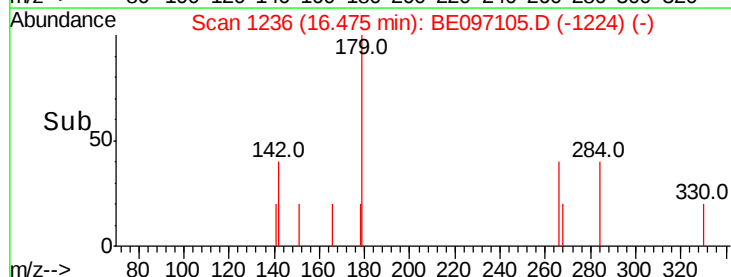
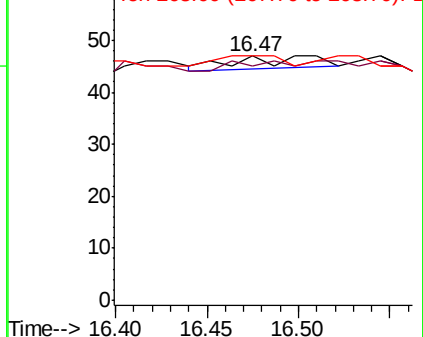
268 100.0 73.8 110.6

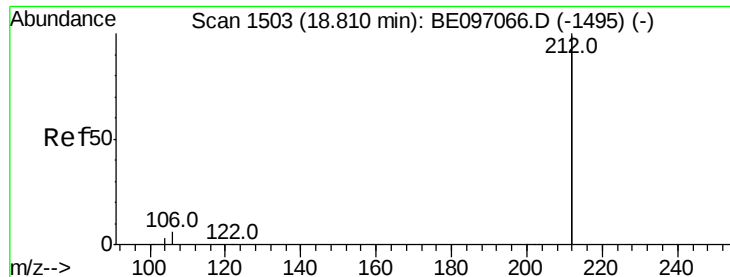


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.384 ng

RT: 18.81 min Scan# 1503

Delta R.T. 0.00 min

Lab File: BE097105.D

Acq: 26 Jul 2018 16:36

Instrument :

BNA_E

ClientSampleId :

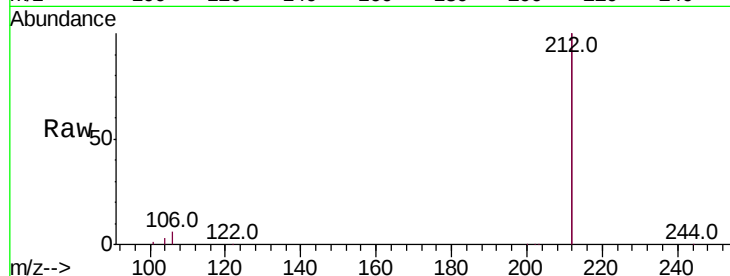
Tot Ion:212 Resp: 33360

Ion Ratio Lower Upper

212 100

106 3.0 2.8 4.2

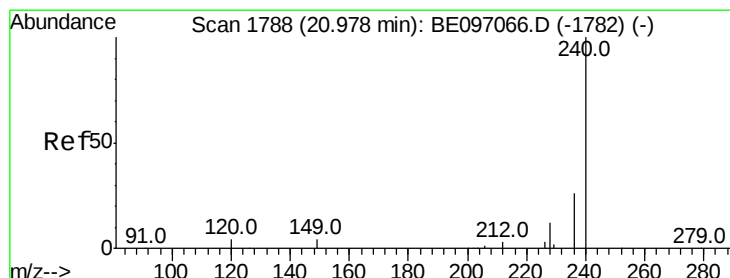
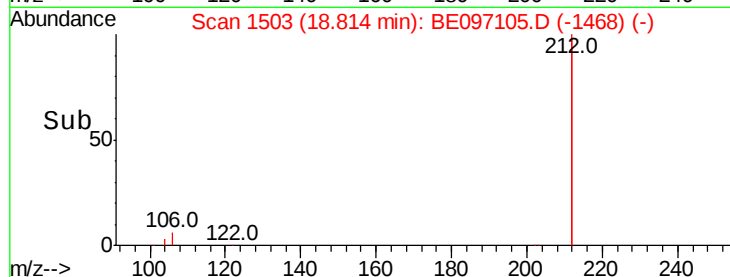
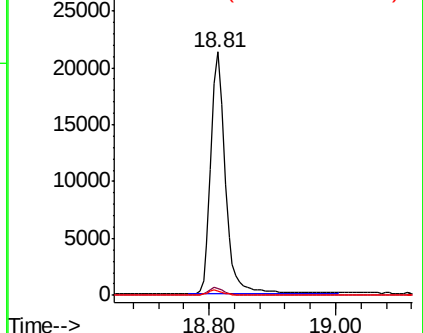
104 1.6 1.6 2.4



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# 1787

Delta R.T. 0.00 min

Lab File: BE097105.D

Acq: 26 Jul 2018 16:36

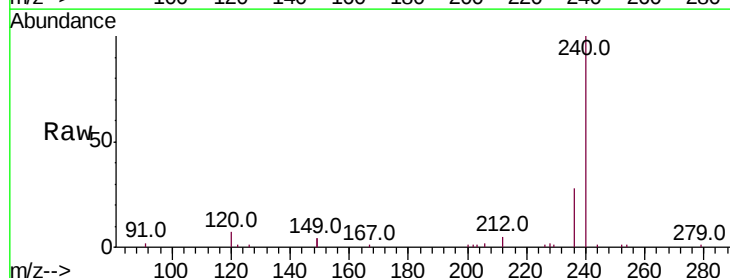
Tgt Ion:240 Resp: 6128

Ion Ratio Lower Upper

240 100

120 7.3 5.5 8.3

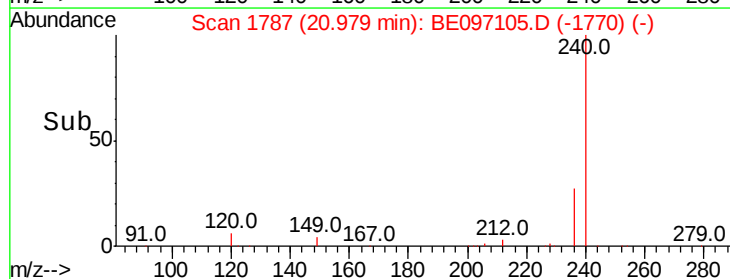
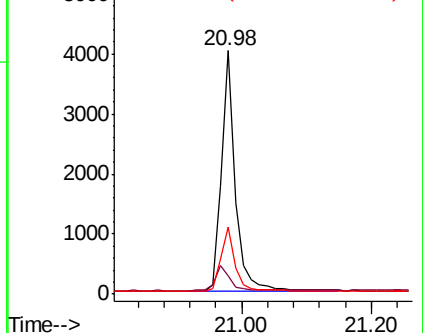
236 27.5 20.7 31.1

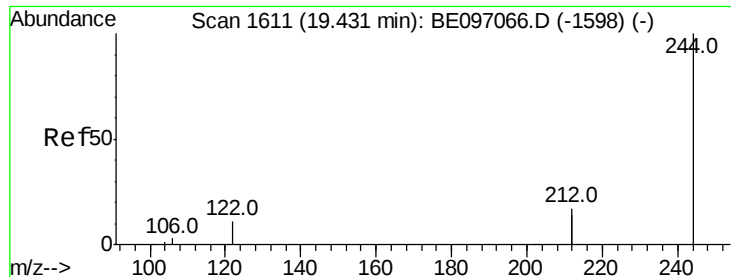


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

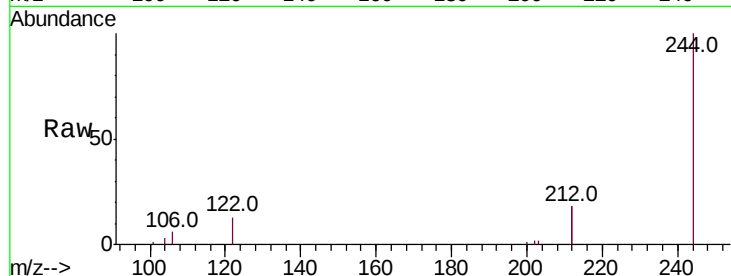




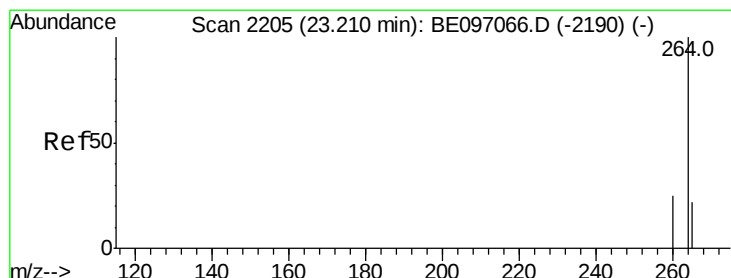
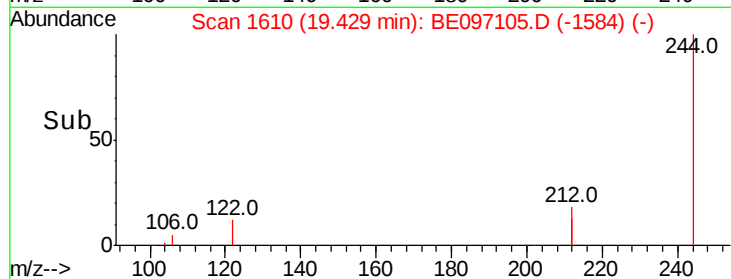
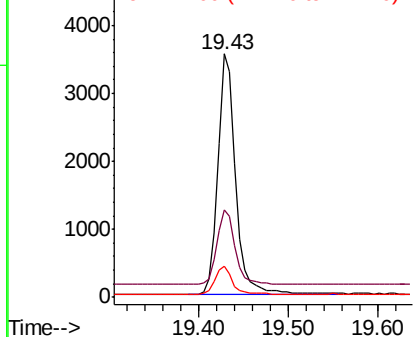
#29
 Terphenyl-d14
 Concen: 0.413 ng
 RT: 19.43 min Scan# 1610
 Delta R.T. -0.00 min
 Lab File: BE097105.D
 Acq: 26 Jul 2018 16:36

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:244 Resp: 4857
 Ion Ratio Lower Upper
 244 100
 212 36.2 25.4 38.0
 122 12.7 8.1 12.1#

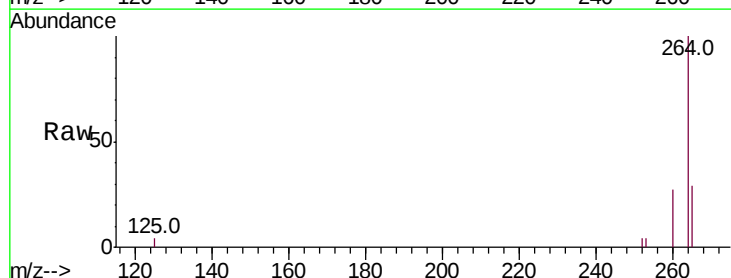


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.22 min Scan# 2206
 Delta R.T. 0.01 min
 Lab File: BE097105.D
 Acq: 26 Jul 2018 16:36

Tgt Ion:264 Resp: 5108
 Ion Ratio Lower Upper
 264 100
 260 27.5 20.5 30.7
 265 28.9 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

