

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072418\
 Data File : BE097074.D
 Acq On : 24 Jul 2018 16:34
 Operator : SJ/JU
 Sample : PB111338BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB111338BL

Quant Time: Jul 25 00:50:48 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	7.40	152	1422	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	6065	0.40	ng	0.00
13) Acenaphthene-d10	14.03	164	2910	0.40	ng	0.01
19) Phenanthrene-d10	16.78	188	8743	0.40	ng	0.01
27) Chrysene-d12	20.98	240	8085	0.40	ng	0.00
34) Perylene-d12	23.21	264	7607	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.06	112	1527	0.38	ng	0.00
5) Phenol-d6	6.60	99	1818	0.31	ng	0.00
8) Nitrobenzene-d5	8.53	82	2186	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	3362	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.53	330	269	0.28	ng	0.01
15) 2-Fluorobiphenyl	12.64	172	5052	0.50	ng	0.01
25) Fluoranthene-d10	18.82	212	38700	0.44	ng	0.00
29) Terphenyl-d14	19.43	244	6350	0.41	ng	0.00

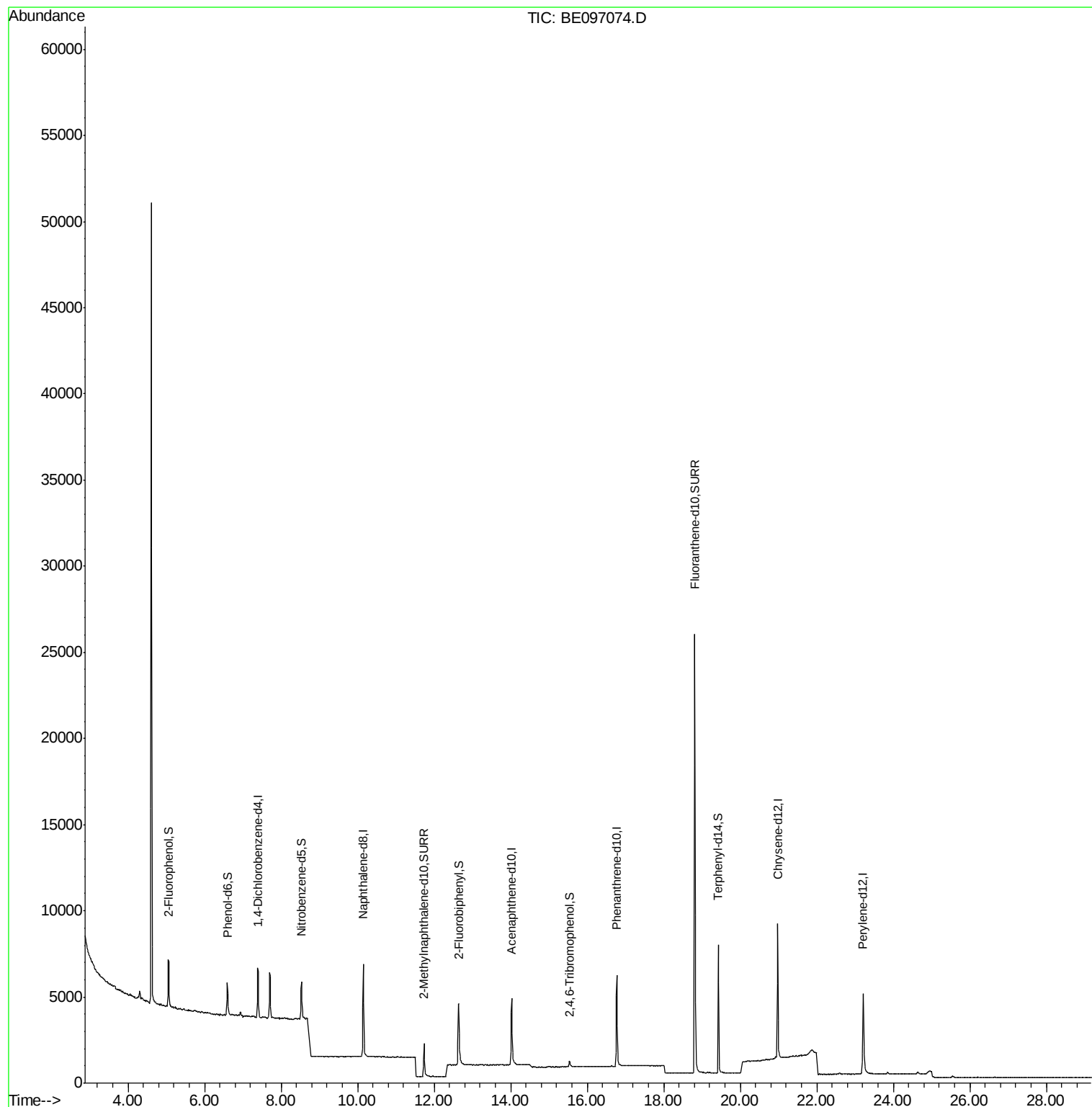
Target Compounds	Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.40 min Scan# 394

Delta R.T. 0.01 min

Lab File: BE097074.D

Acq: 24 Jul 2018 16:34

Instrument :

BNA_E

ClientSampleId :

PB111338BL

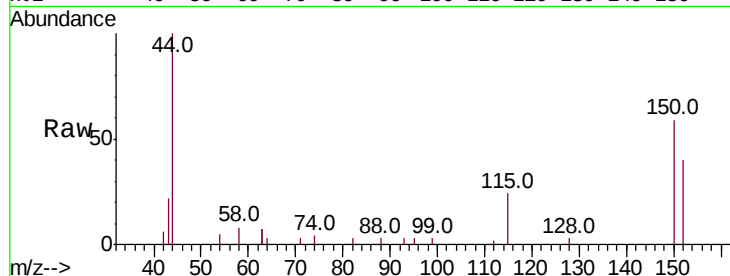
Tot Ion:152 Resp: 1422

Ion Ratio Lower Upper

152 100

150 150.1 117.2 175.8

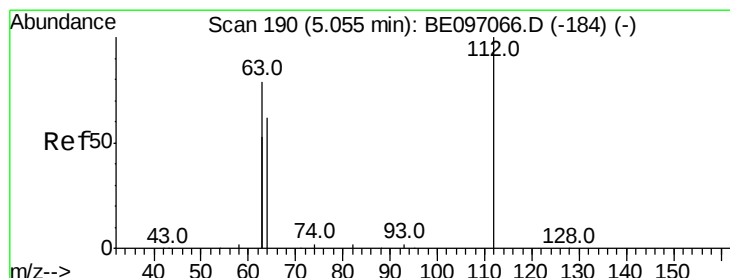
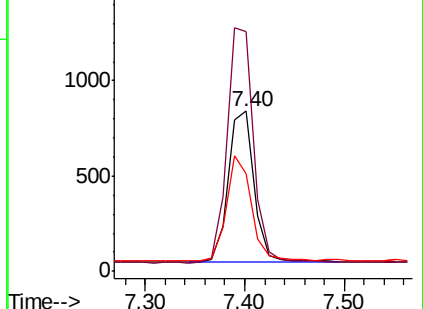
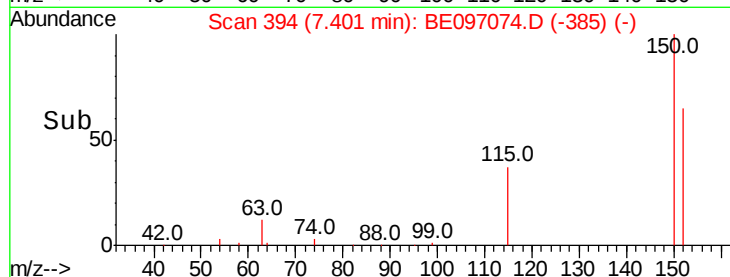
115 60.9 57.0 85.6



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



#4

2-Fluorophenol

Concen: 0.382 ng

RT: 5.06 min Scan# 191

Delta R.T. 0.01 min

Lab File: BE097074.D

Acq: 24 Jul 2018 16:34

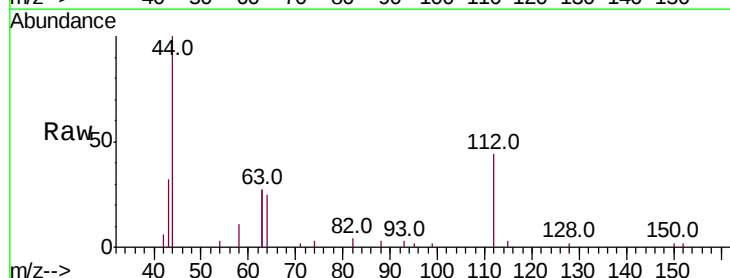
Tgt Ion:112 Resp: 1527

Ion Ratio Lower Upper

112 100

64 70.4 60.1 90.1

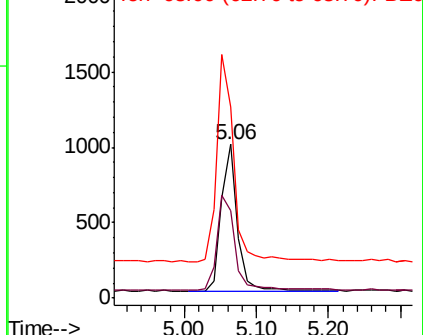
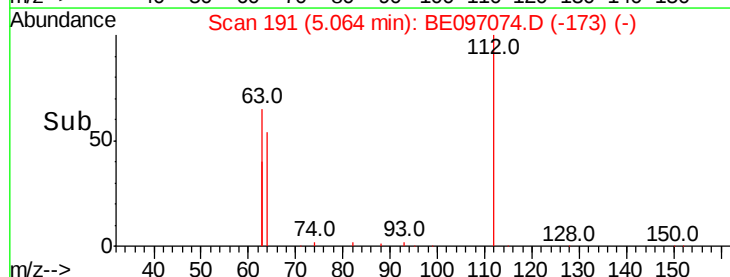
63 145.6 116.8 175.2

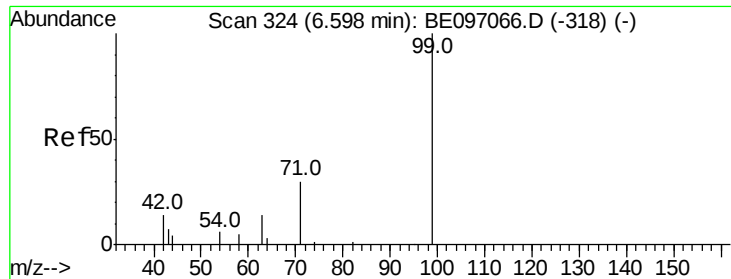


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.310 ng

RT: 6.60 min Scan# 324

Delta R.T. -0.00 min

Lab File: BE097074.D

Acq: 24 Jul 2018 16:34

Instrument :

BNA_E

ClientSampled :

PB111338BL

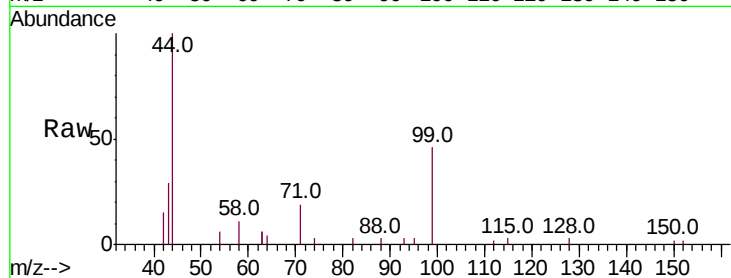
Tot Ion: 99 Resp: 1818

Ion Ratio Lower Upper

99 100

42 22.3 20.2 30.2

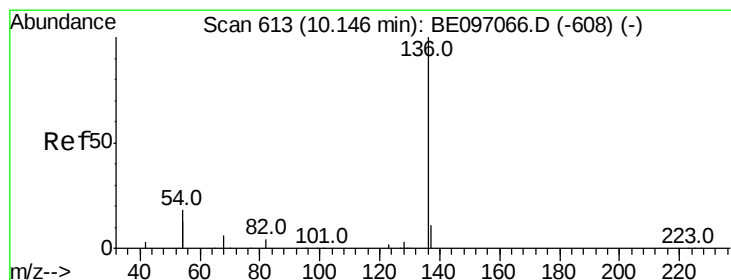
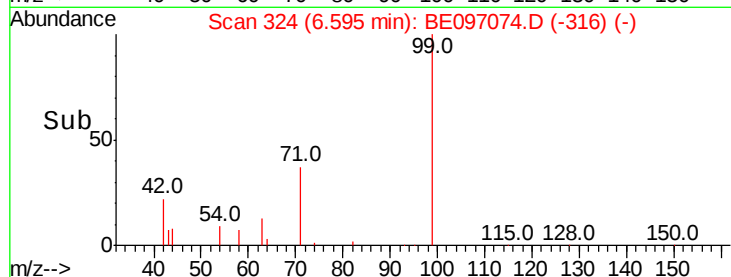
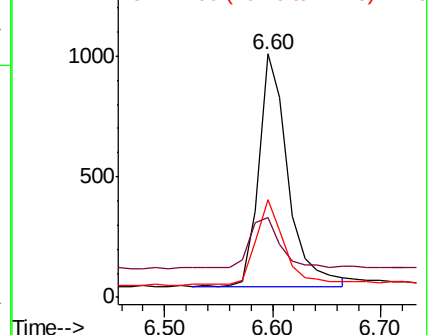
71 34.9 28.4 42.6



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# 613

Delta R.T. -0.00 min

Lab File: BE097074.D

Acq: 24 Jul 2018 16:34

Tgt Ion: 136 Resp: 6065

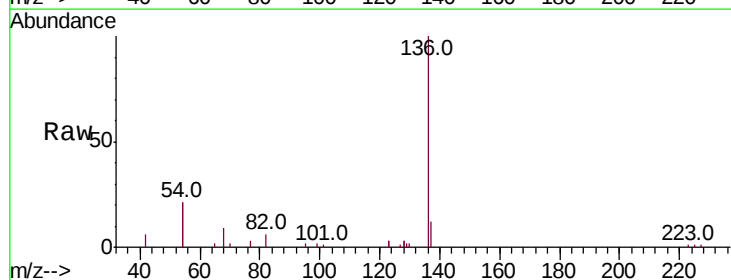
Ion Ratio Lower Upper

136 100

137 11.8 9.5 14.3

54 42.1 29.1 43.7

68 8.7 6.2 9.2

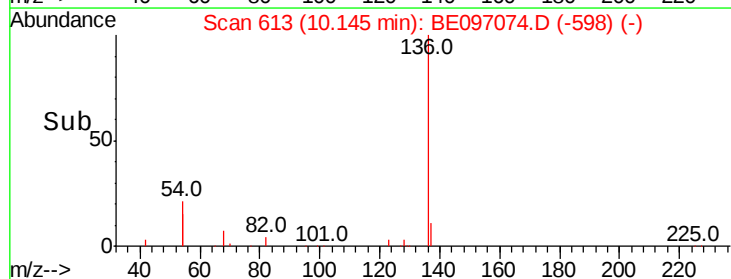
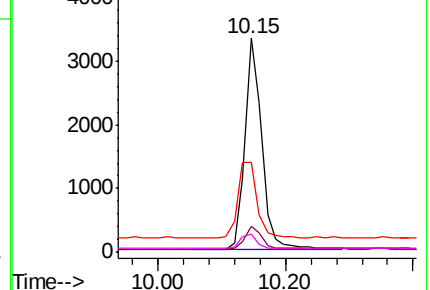


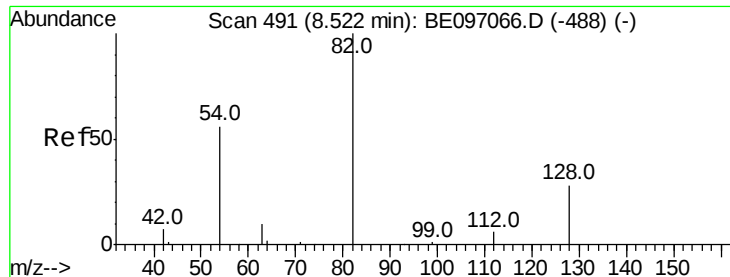
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.415 ng

RT: 8.53 min Scan# 492

Delta R.T. 0.01 min

Lab File: BE097074.D

Acq: 24 Jul 2018 16:34

Instrument :

BNA_E

ClientSampleId :

PB111338BL

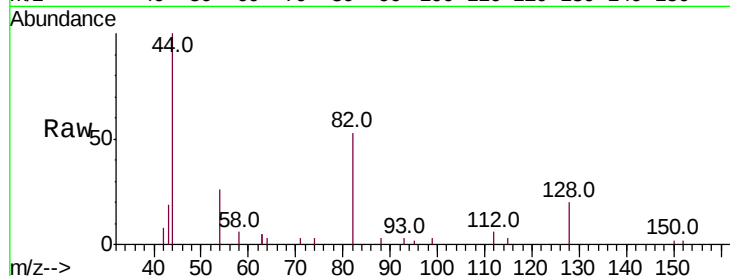
Tot Ion: 82 Resp: 2186

Ion Ratio Lower Upper

82 100

128 37.0 24.0 36.0#

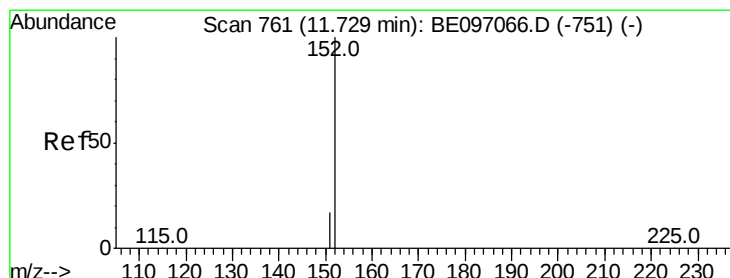
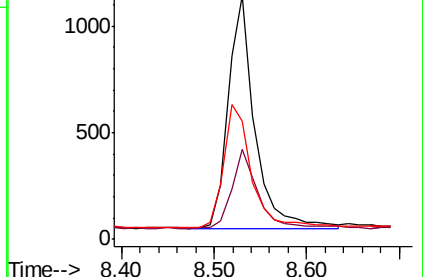
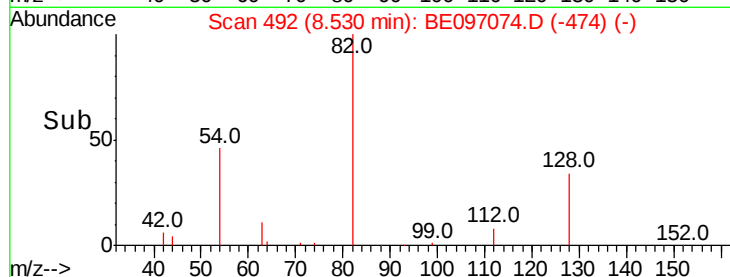
54 48.6 40.0 60.0



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#11

2-Methylnaphthalene-d10

Concen: 0.370 ng

RT: 11.73 min Scan# 762

Delta R.T. 0.00 min

Lab File: BE097074.D

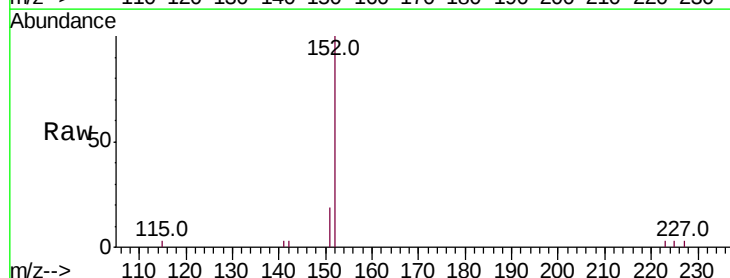
Acq: 24 Jul 2018 16:34

Tgt Ion: 152 Resp: 3362

Ion Ratio Lower Upper

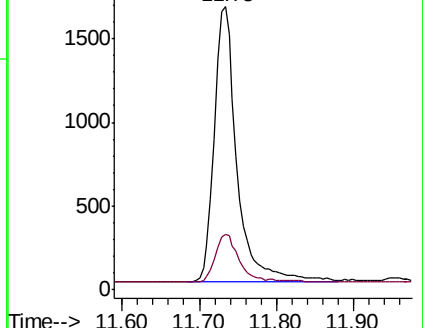
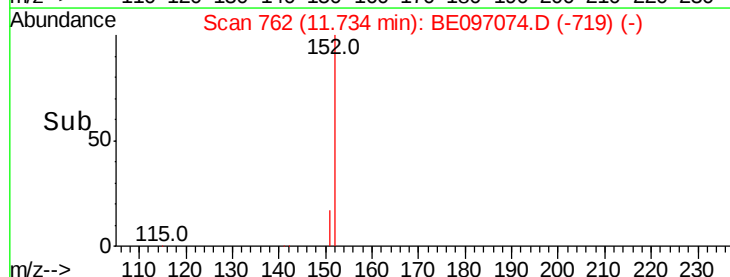
152 100

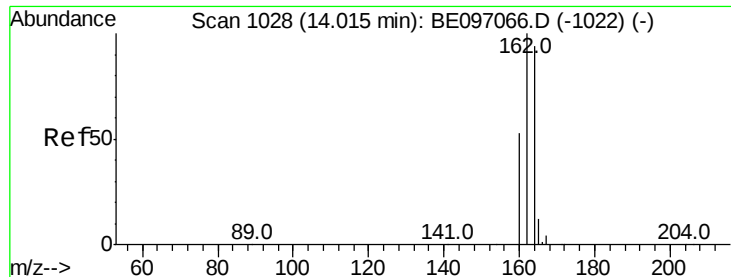
151 18.8 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

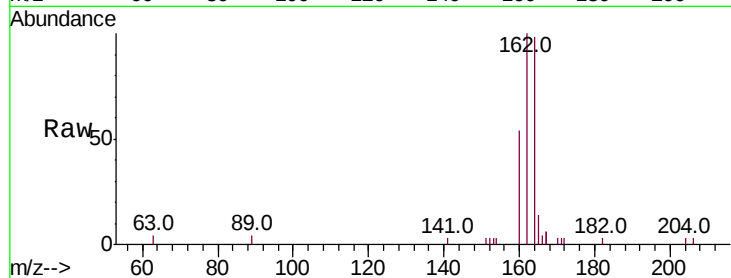




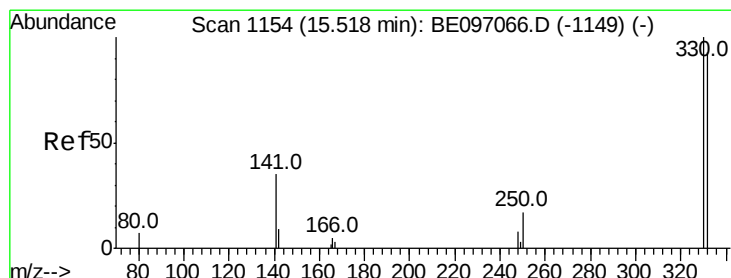
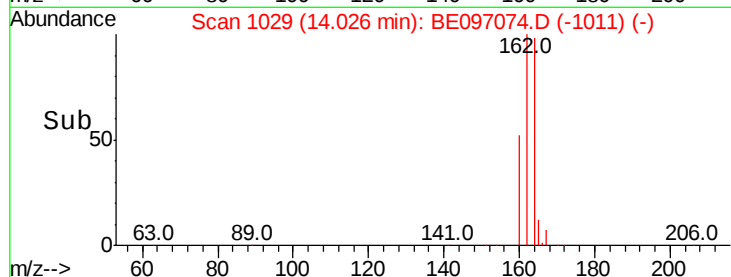
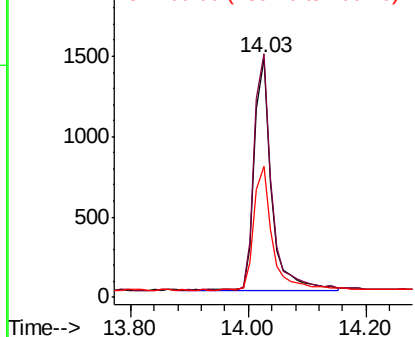
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.03 min Scan# 1029
Delta R.T. 0.01 min
Lab File: BE097074.D
Acq: 24 Jul 2018 16:34

Instrument :
BNA_E
ClientSampleId :
PB111338BL

Tot Ion:164 Resp: 2910
Ion Ratio Lower Upper
164 100
162 102.0 83.1 124.7
160 55.0 37.1 55.7

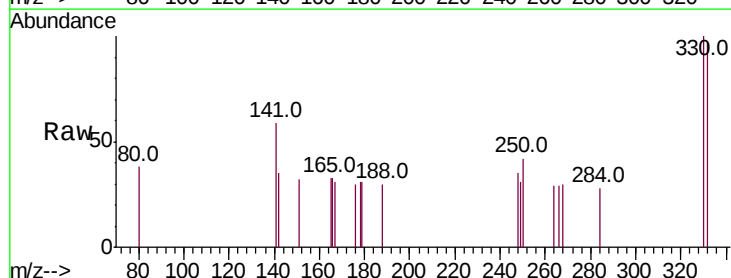


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

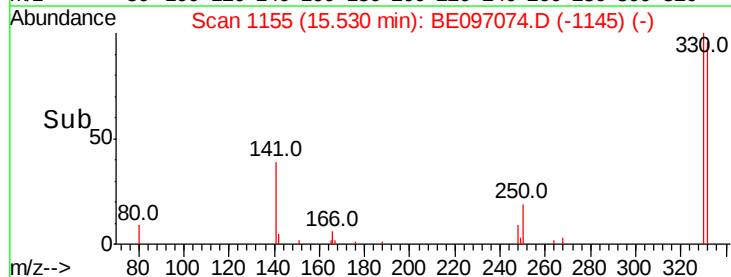
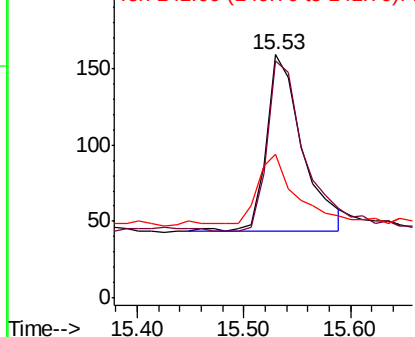


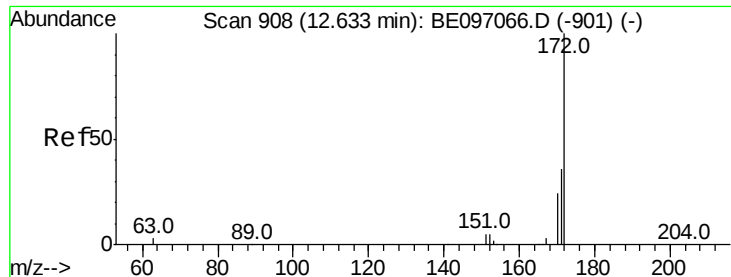
#14
2,4,6-Tribromophenol
Concen: 0.281 ng
RT: 15.53 min Scan# 1155
Delta R.T. 0.01 min
Lab File: BE097074.D
Acq: 24 Jul 2018 16:34

Tgt Ion:330 Resp: 269
Ion Ratio Lower Upper
330 100
332 98.5 152.7 229.1#
141 39.4 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

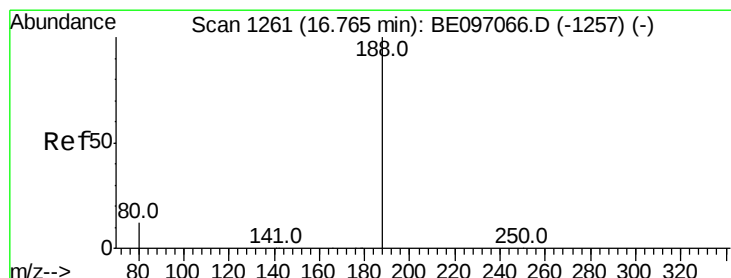
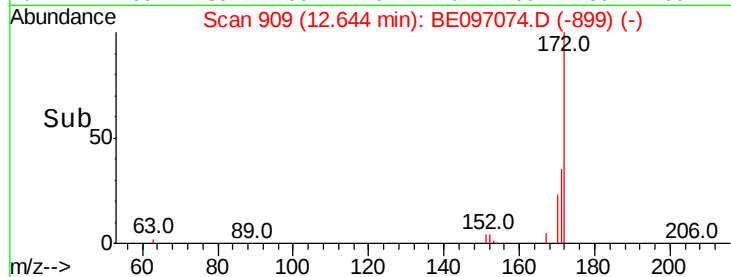
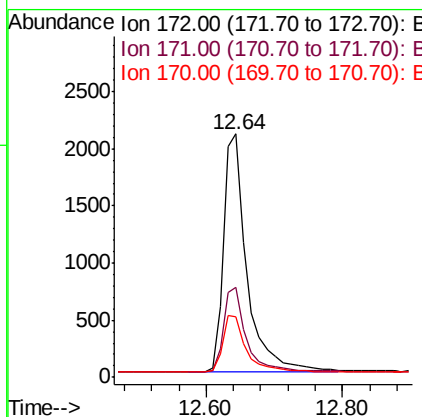
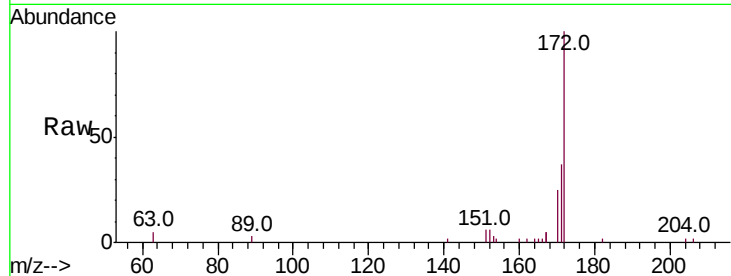




#15
 2-Fluorobiphenyl
 Concen: 0.503 ng
 RT: 12.64 min Scan# 909
 Delta R.T. 0.01 min
 Lab File: BE097074.D
 Acq: 24 Jul 2018 16:34

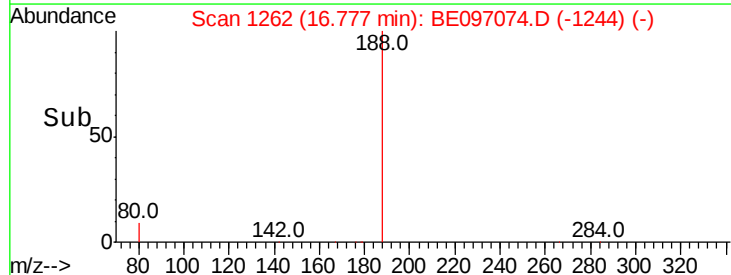
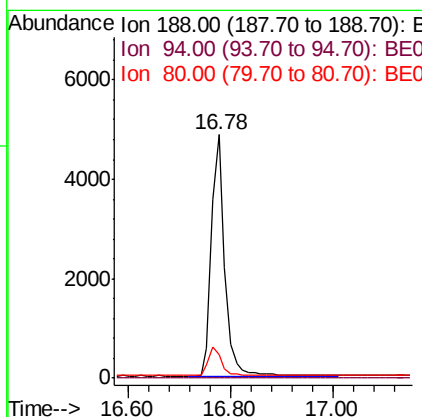
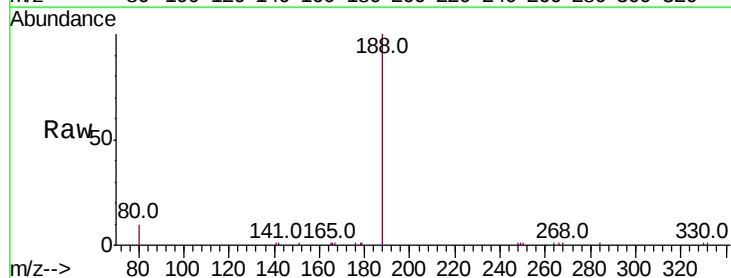
Instrument :
 BNA_E
 ClientSampleId :
 PB111338BL

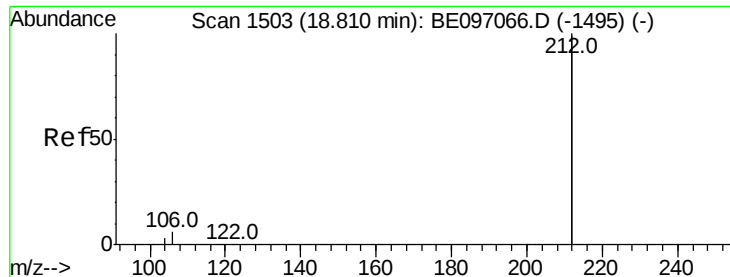
Tot Ion:172 Resp: 5052
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.9 44.9
 170 25.1 21.8 32.8



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 16.78 min Scan# 1262
 Delta R.T. 0.01 min
 Lab File: BE097074.D
 Acq: 24 Jul 2018 16:34

Tgt Ion:188 Resp: 8743
 Ion Ratio Lower Upper
 188 100
 94 0.0 3.9 5.9#
 80 9.8 3.6 5.4#





#25

Fluoranthene-d10

Concen: 0.442 ng

RT: 18.82 min Scan# 1504

Delta R.T. 0.01 min

Lab File: BE097074.D

Acq: 24 Jul 2018 16:34

Instrument :

BNA_E

ClientSampleId :

PB111338BL

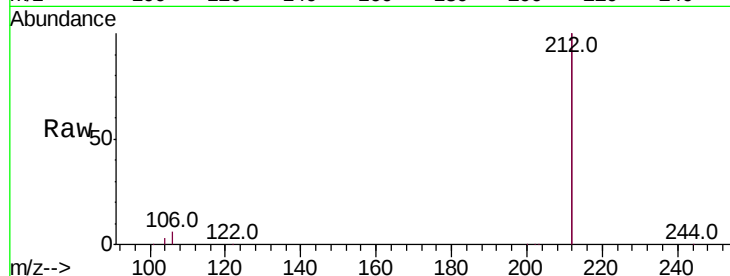
Tot Ion:212 Resp: 38700

Ion Ratio Lower Upper

212 100

106 3.0 2.8 4.2

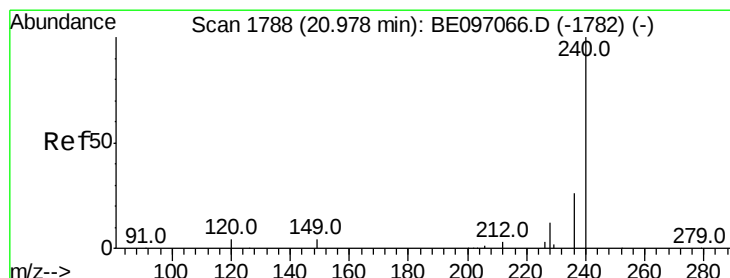
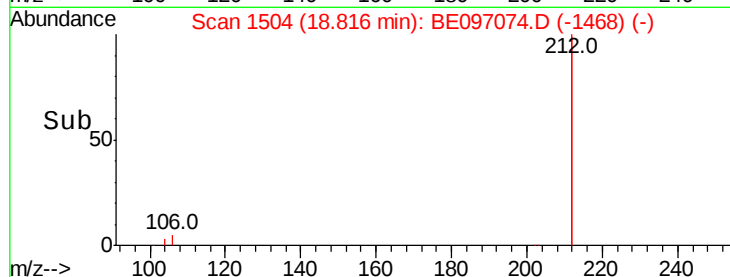
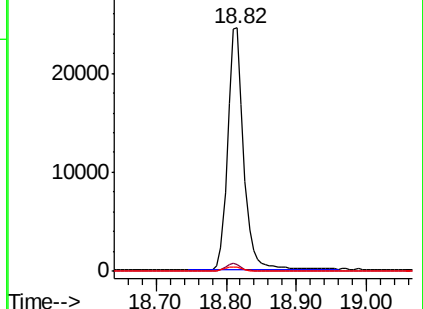
104 1.7 1.6 2.4



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: BE097074.D

Acq: 24 Jul 2018 16:34

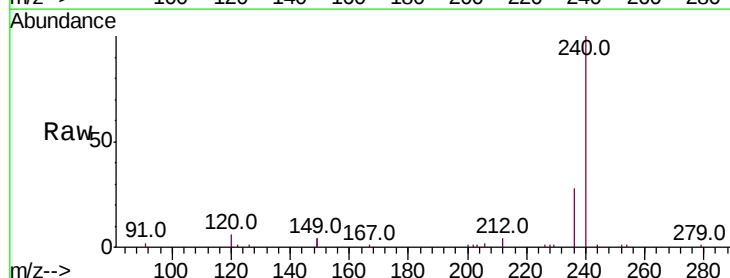
Tgt Ion:240 Resp: 8085

Ion Ratio Lower Upper

240 100

120 6.0 5.5 8.3

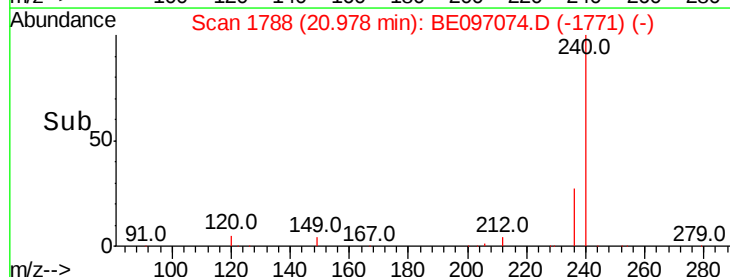
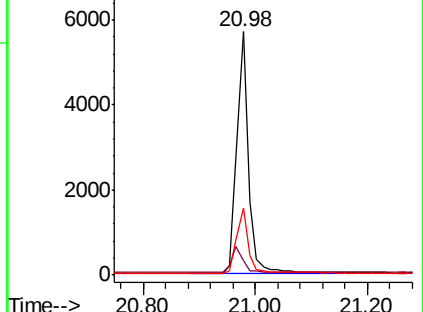
236 27.6 20.7 31.1

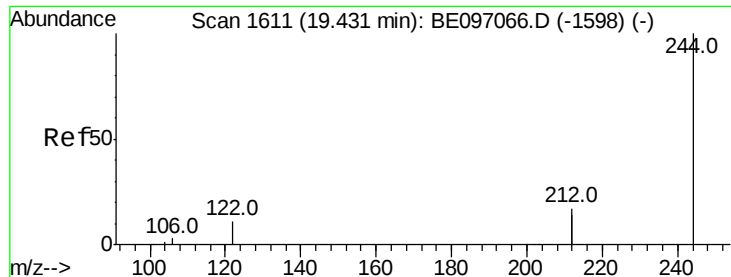


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

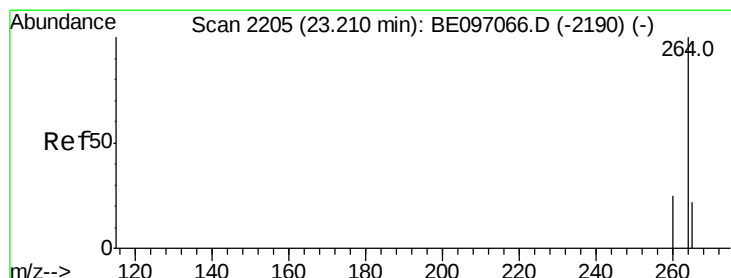
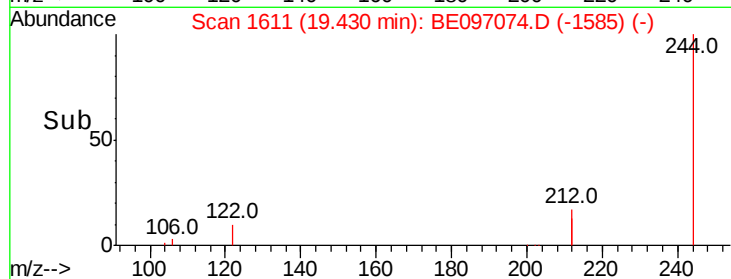
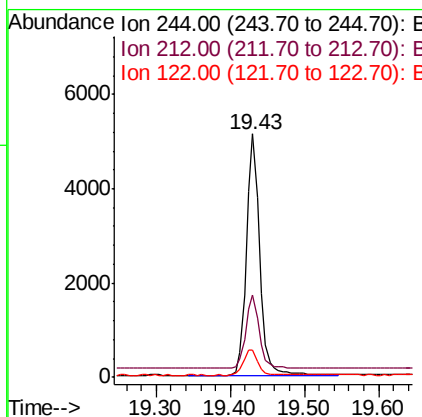
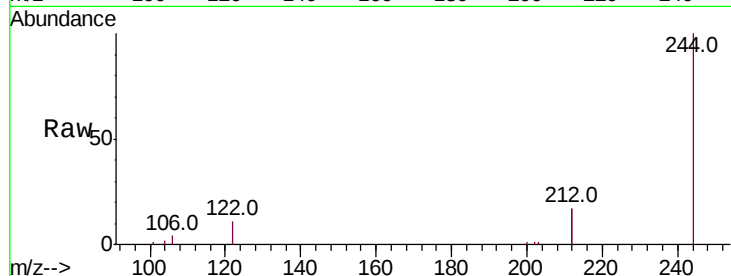




#29
 Terphenyl-d14
 Concen: 0.409 ng
 RT: 19.43 min Scan# 1611
 Delta R.T. -0.00 min
 Lab File: BE097074.D
 Acq: 24 Jul 2018 16:34

Instrument :
 BNA_E
 ClientSampleId :
 PB111338BL

Tot Ion:244 Resp: 6350
 Ion Ratio Lower Upper
 244 100
 212 33.8 25.4 38.0
 122 11.2 8.1 12.1



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.21 min Scan# 2206
 Delta R.T. 0.00 min
 Lab File: BE097074.D
 Acq: 24 Jul 2018 16:34

Tgt Ion:264 Resp: 7607
 Ion Ratio Lower Upper
 264 100
 260 26.3 20.5 30.7
 265 26.4 22.8 34.2

