

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072418\
 Data File : BE097091.D
 Acq On : 25 Jul 2018 3:51
 Operator : SJ/JU
 Sample : J4073-13DL 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 25 07:39:53 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

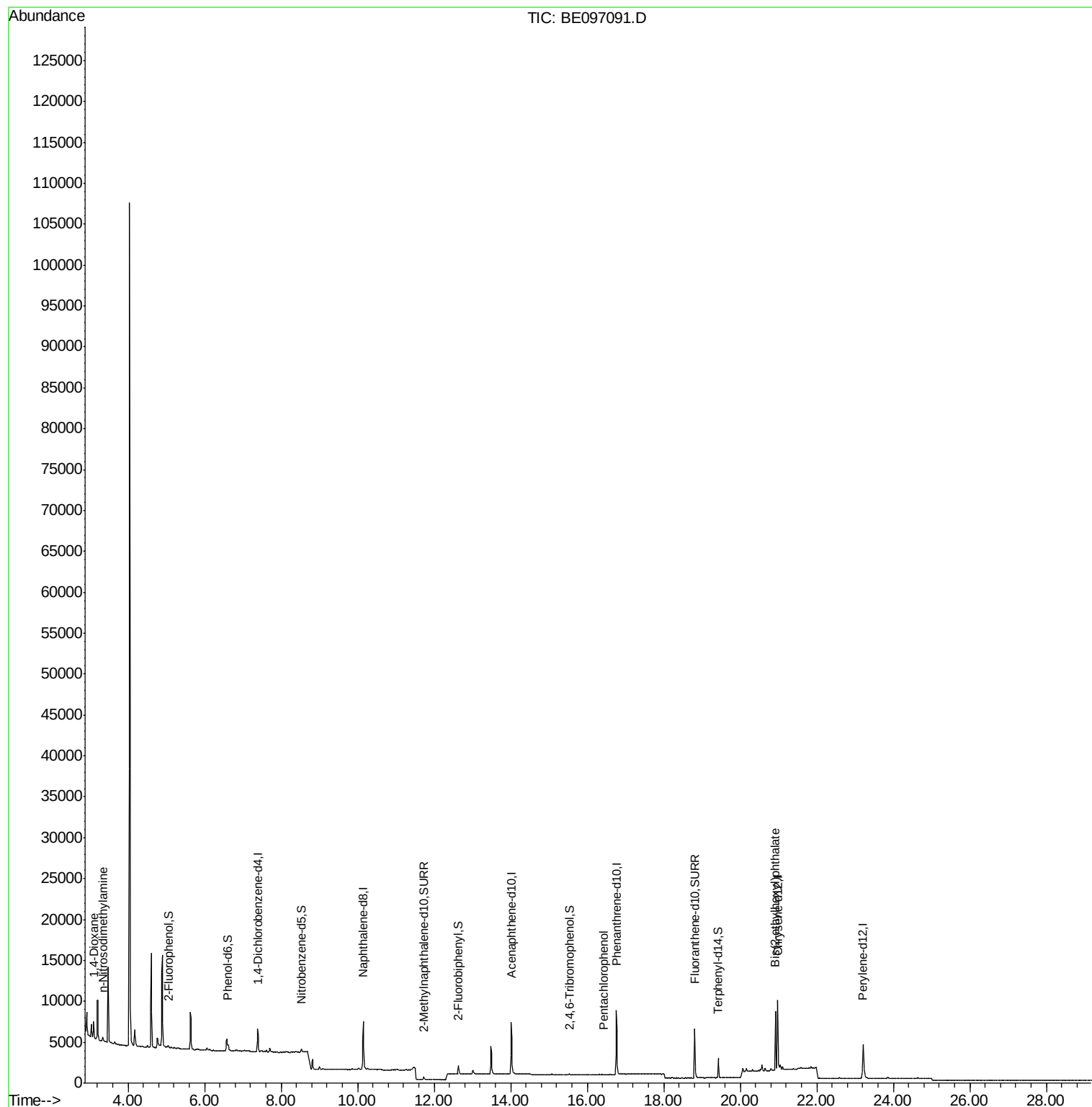
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1273	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	6318	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	3875	0.40	ng	0.00
19) Phenanthrene-d10	16.76	188	11309	0.40	ng	0.00
27) Chrysene-d12	20.98	240	10344	0.40	ng	0.00
34) Perylene-d12	23.21	264	7167	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	119	0.03	ng	0.00
5) Phenol-d6	6.60	99	133	0.03	ng	0.00
8) Nitrobenzene-d5	8.53	82	406	0.07	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	631	0.07	ng	0.00
14) 2,4,6-Tribromophenol	15.53	330	99	0.08	ng	0.01
15) 2-Fluorobiphenyl	12.63	172	1090	0.08	ng	0.00
25) Fluoranthene-d10	18.81	212	8448	0.07	ng	0.00
29) Terphenyl-d14	19.43	244	2317	0.12	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.09	88	1161	0.574	ng	94
3) n-Nitrosodimethylamine	3.34	42	162	0.072	ng	# 1
22) Pentachlorophenol	16.44	266	21	0.050	ng	99
32) Bis(2-ethylhexyl)phthalate	20.92	149	7830	0.291	ng	100

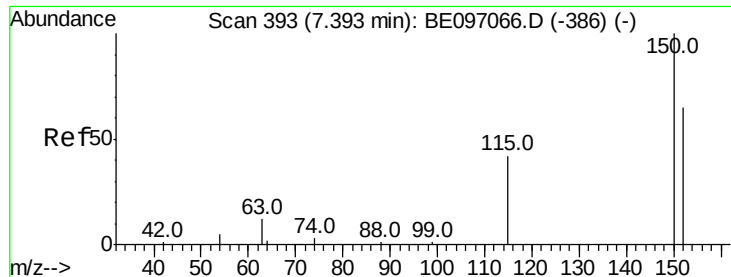
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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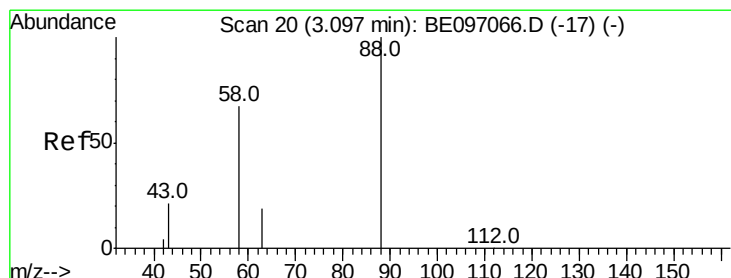
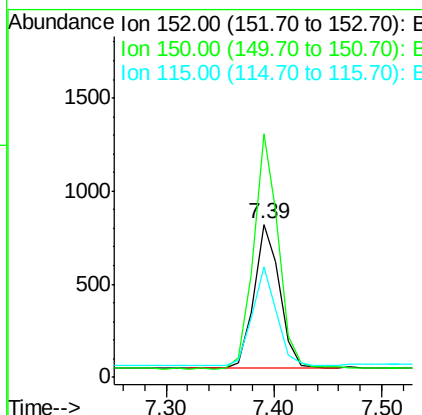
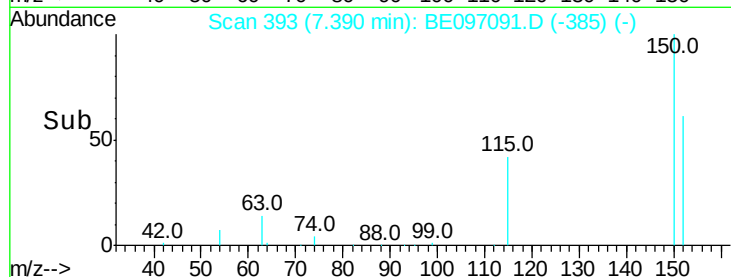
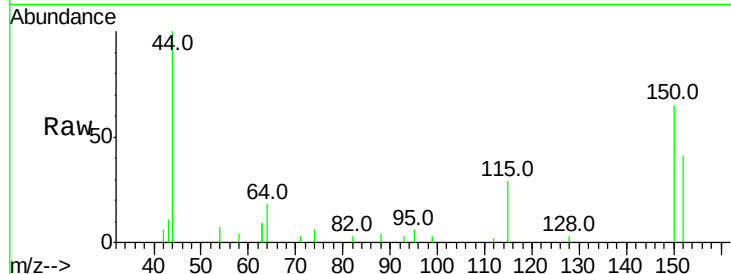




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.39 min Scan# 393
 Delta R.T. -0.00 min
 Lab File: BE097091.D
 Acq: 25 Jul 2018 3:51

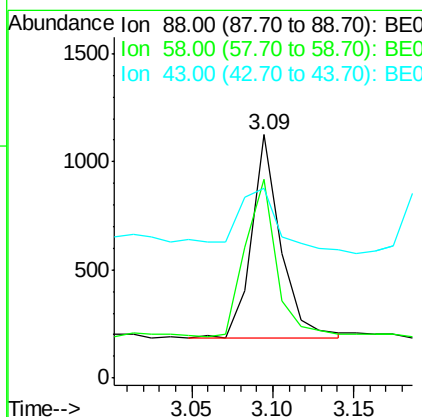
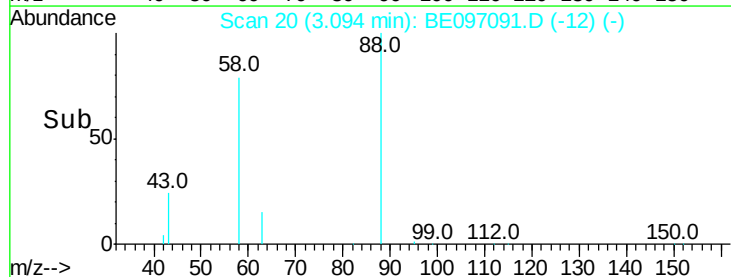
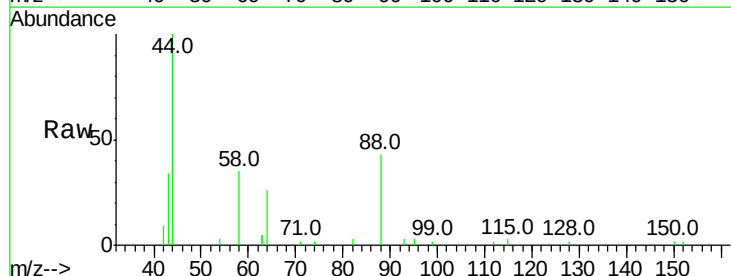
Instrument :
 BNA_E
 ClientSampleId :

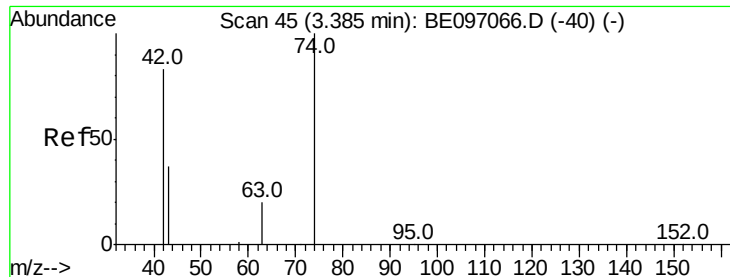
Tot Ion:152 Resp: 1273
 Ion Ratio Lower Upper
 152 100
 150 159.4 117.2 175.8
 115 72.2 57.0 85.6



#2
 1,4-Dioxane
 Concen: 0.574 ng
 RT: 3.09 min Scan# 20
 Delta R.T. -0.00 min
 Lab File: BE097091.D
 Acq: 25 Jul 2018 3:51

Tgt Ion: 88 Resp: 1161
 Ion Ratio Lower Upper
 88 100
 58 84.9 63.2 94.8
 43 47.3 41.2 61.8





#3

n-Nitrosodimethylamine

Concen: 0.072 ng

RT: 3.34 min Scan# 41

Delta R.T. -0.05 min

Lab File: BE097091.D

Acq: 25 Jul 2018 3:51

Instrument :

BNA_E

ClientSampleId :

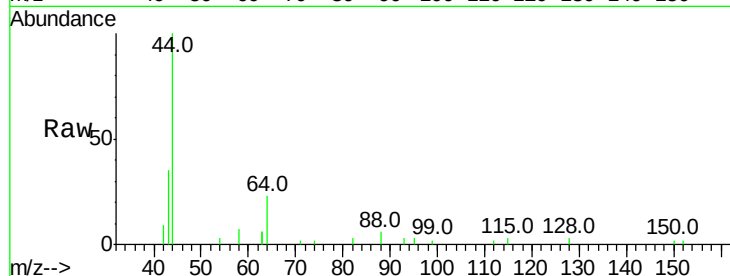
Tot Ion: 42 Resp: 162

Ion Ratio Lower Upper

42 100

74 0.0 96.0 144.0#

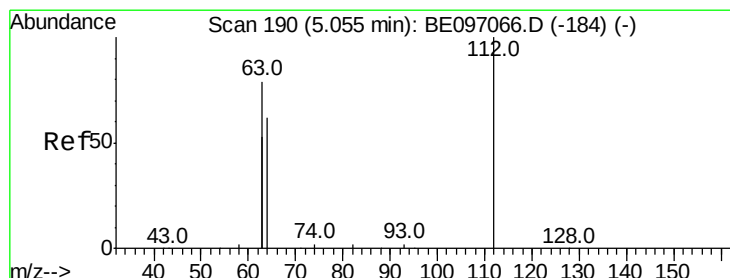
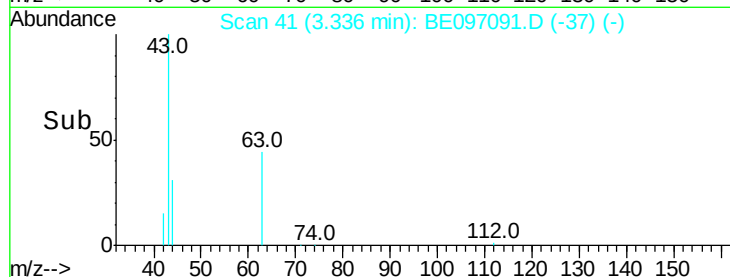
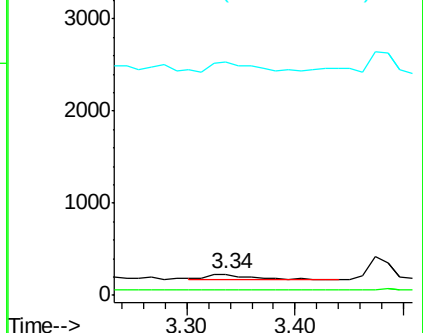
44 188.9 12.0 18.0#



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.033 ng

RT: 5.05 min Scan# 190

Delta R.T. -0.00 min

Lab File: BE097091.D

Acq: 25 Jul 2018 3:51

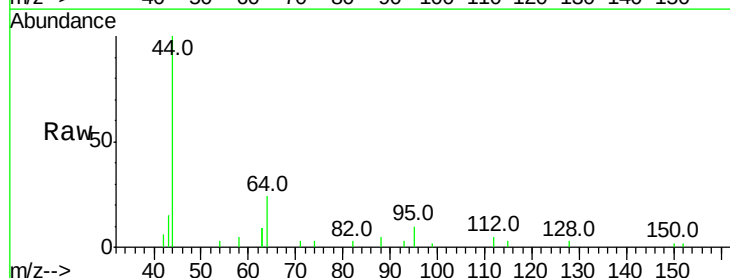
Tgt Ion: 112 Resp: 119

Ion Ratio Lower Upper

112 100

64 226.1 60.1 90.1#

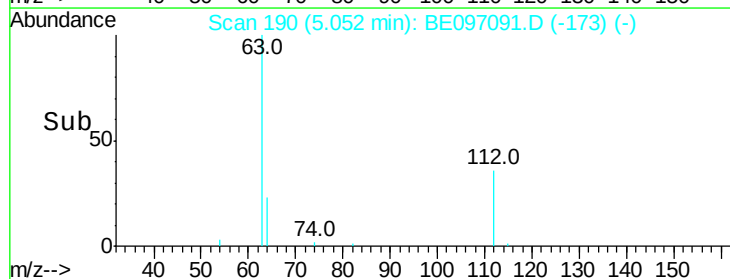
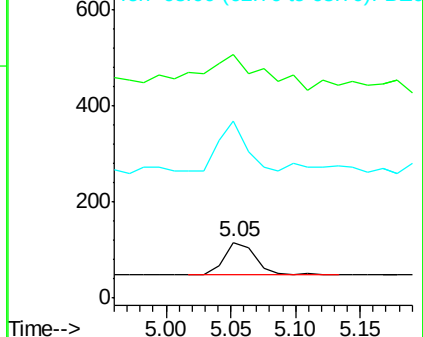
63 132.8 116.8 175.2

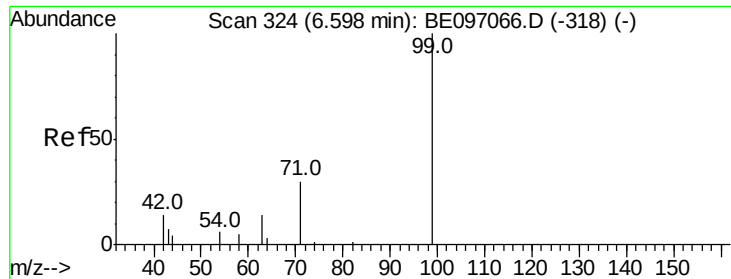


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.025 ng

RT: 6.60 min Scan# 324

Delta R.T. -0.00 min

Lab File: BE097091.D

Acq: 25 Jul 2018 3:51

Instrument :

BNA_E

ClientSampleId :

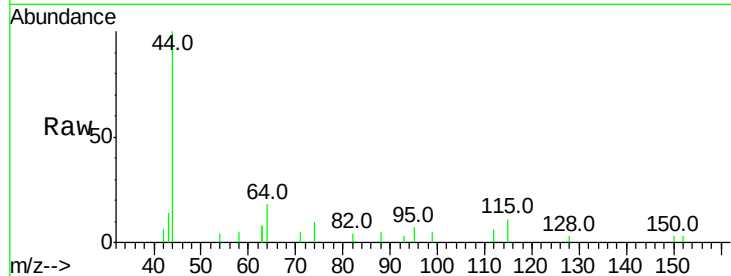
Tot Ion: 99 Resp: 133

Ion Ratio Lower Upper

99 100

42 0.0 20.2 30.2#

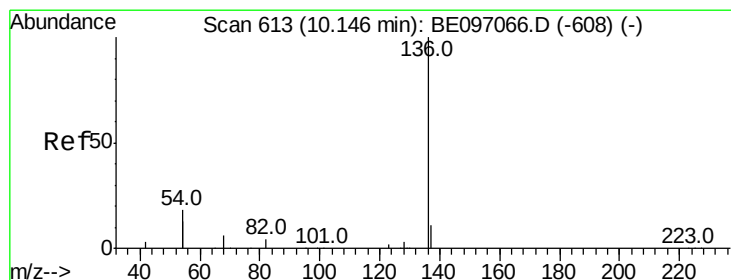
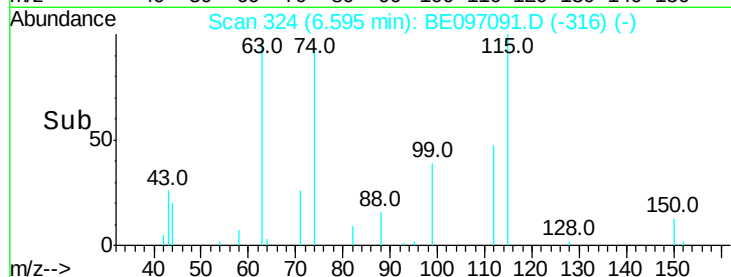
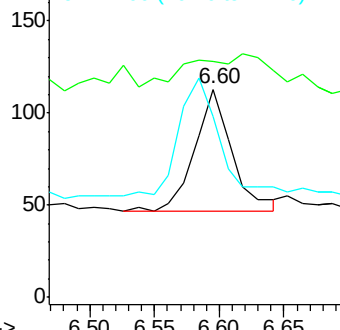
71 105.3 28.4 42.6#



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



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 613

Delta R.T. -0.00 min

Lab File: BE097091.D

Acq: 25 Jul 2018 3:51

Tgt Ion:136 Resp: 6318

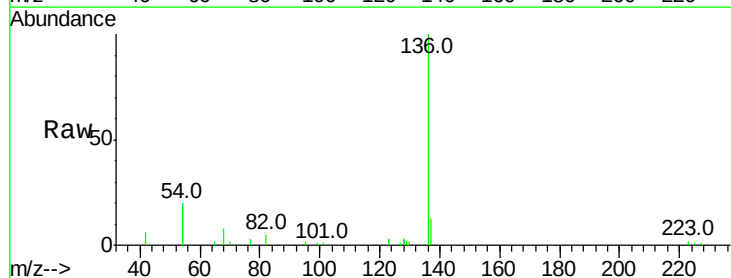
Ion Ratio Lower Upper

136 100

137 12.6 9.5 14.3

54 39.6 29.1 43.7

68 7.9 6.2 9.2

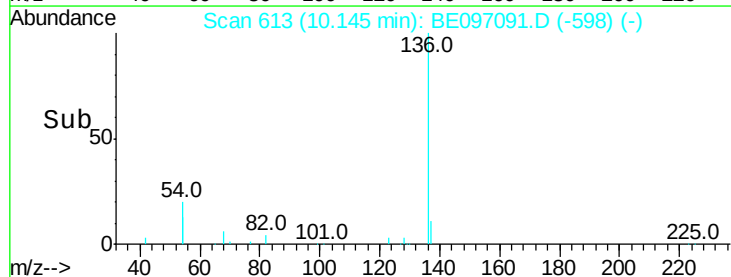
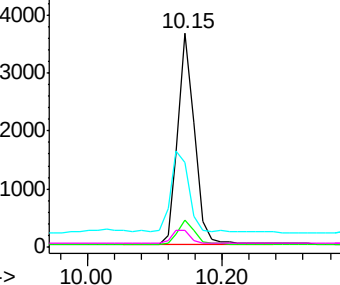


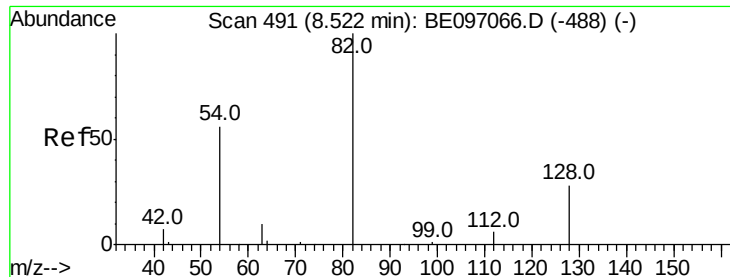
Abundance Ion 136.00 (135.70 to 136.70): E

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

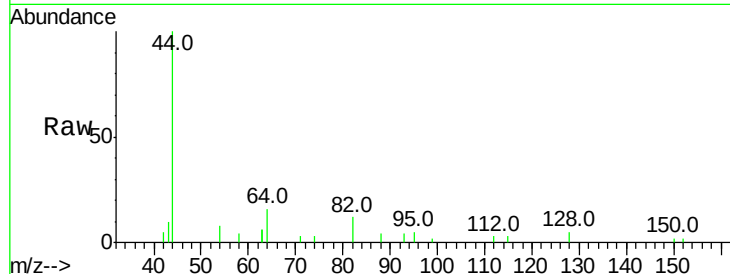




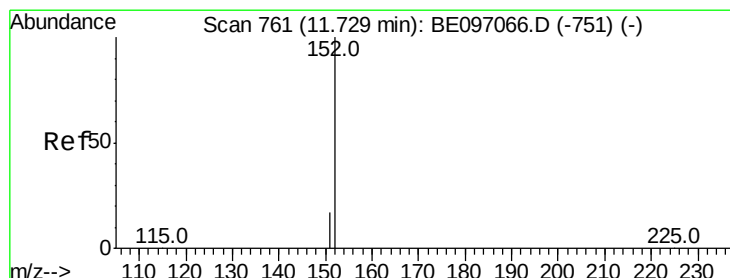
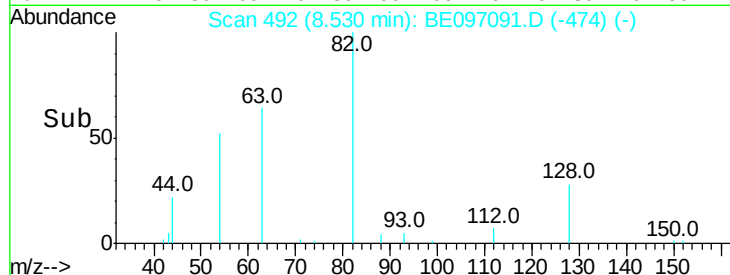
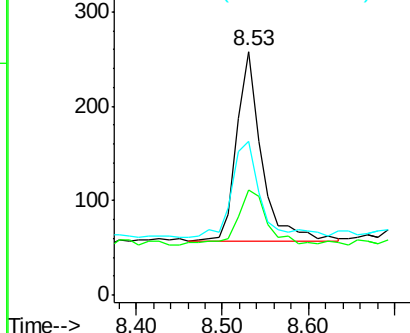
#8
 Nitrobenzene-d5
 Concen: 0.074 ng
 RT: 8.53 min Scan# 492
 Delta R.T. 0.01 min
 Lab File: BE097091.D
 Acq: 25 Jul 2018 3:51

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.4	24.0	36.0#
54	63.2	40.0	60.0#

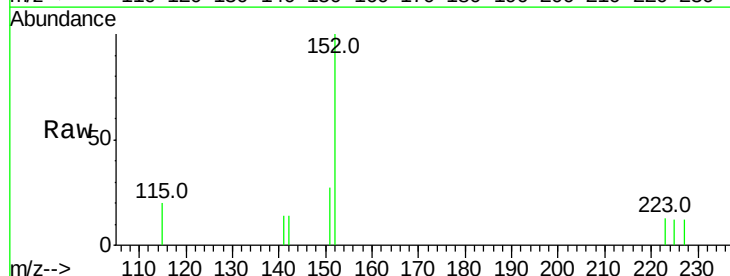


Abundance Ion 82.00 (81.70 to 82.70): BE0
 Ion 128.00 (127.70 to 128.70): BE0
 Ion 54.00 (53.70 to 54.70): BE0

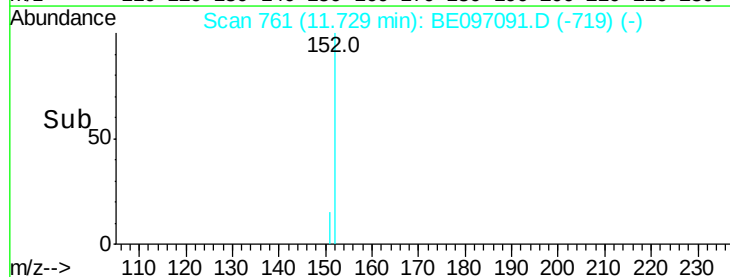
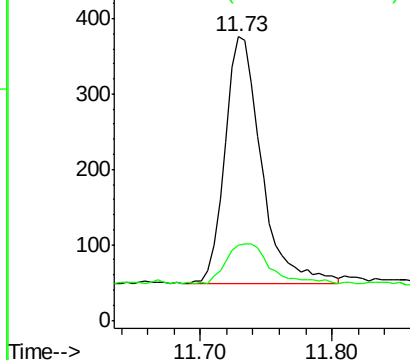


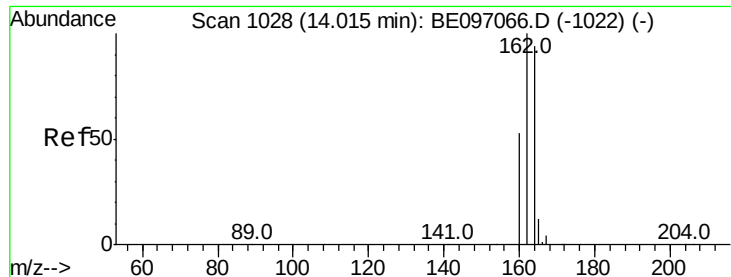
#11
 2-Methylnaphthalene-d10
 Concen: 0.067 ng
 RT: 11.73 min Scan# 761
 Delta R.T. -0.00 min
 Lab File: BE097091.D
 Acq: 25 Jul 2018 3:51

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.7	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: BE097091.D

Acq: 25 Jul 2018 3:51

Instrument :

BNA_E

ClientSampleId :

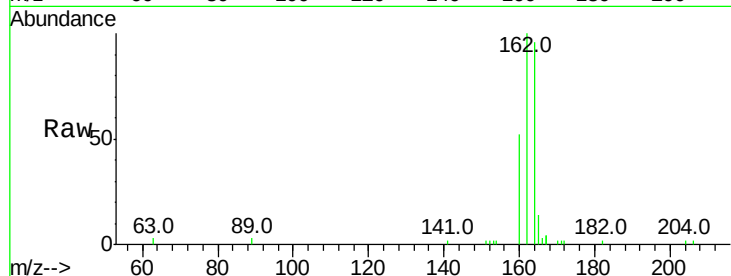
Tot Ion:164 Resp: 3875

Ion Ratio Lower Upper

164 100

162 104.5 83.1 124.7

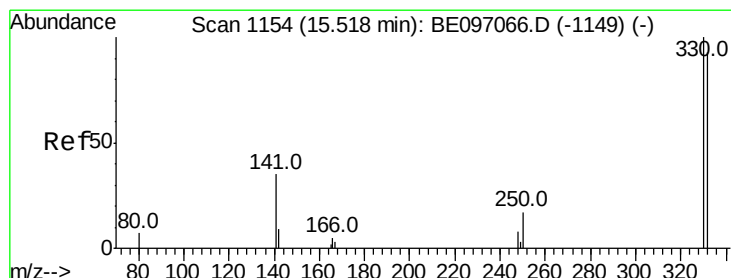
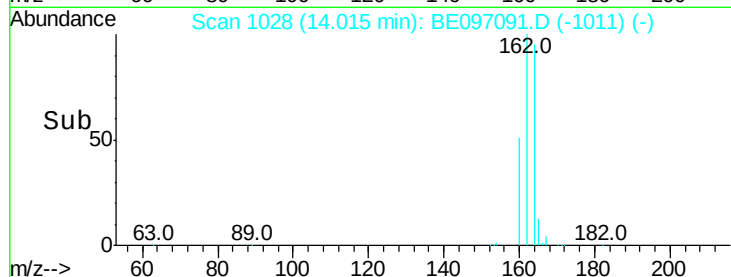
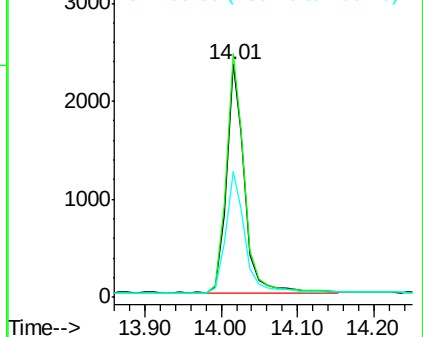
160 54.1 37.1 55.7



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: 0.078 ng

RT: 15.53 min Scan# 1155

Delta R.T. 0.01 min

Lab File: BE097091.D

Acq: 25 Jul 2018 3:51

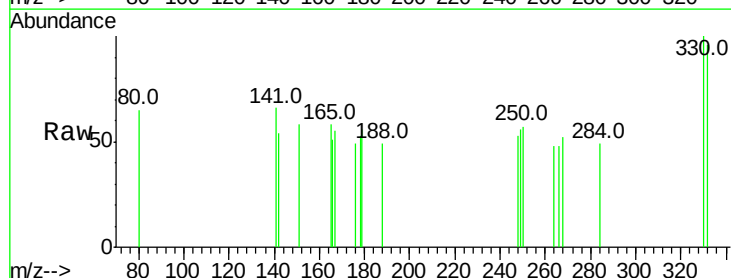
Tgt Ion:330 Resp: 99

Ion Ratio Lower Upper

330 100

332 92.9 152.7 229.1#

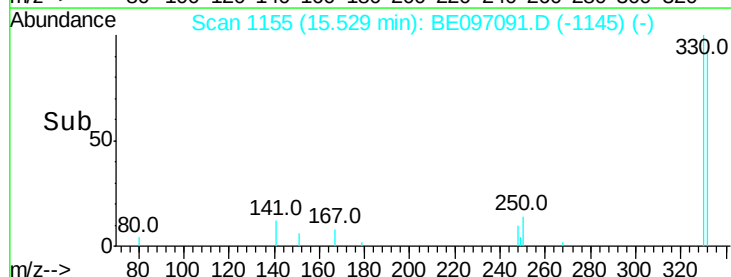
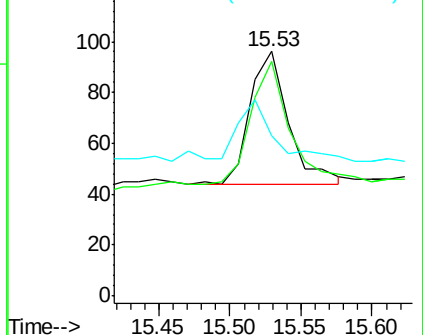
141 40.4 33.7 50.5

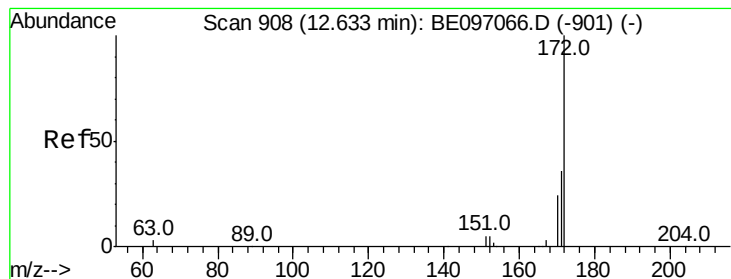


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.081 ng

RT: 12.63 min Scan# 908

Delta R.T. 0.00 min

Lab File: BE097091.D

Acq: 25 Jul 2018 3:51

Instrument :

BNA_E

ClientSampleId :

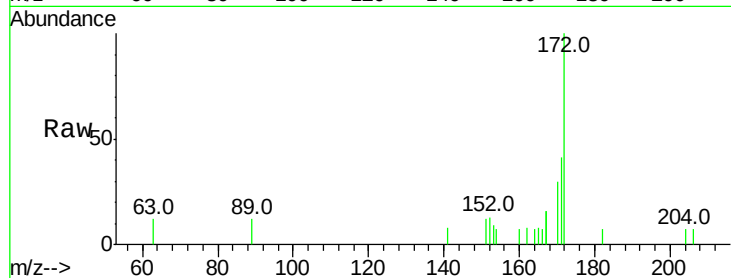
Tot Ion:172 Resp: 1090

Ion Ratio Lower Upper

172 100

171 40.7 29.9 44.9

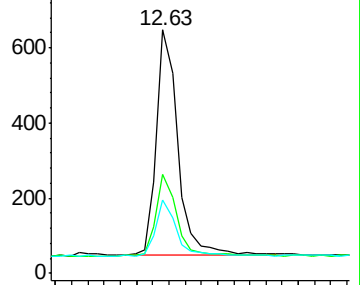
170 29.9 21.8 32.8



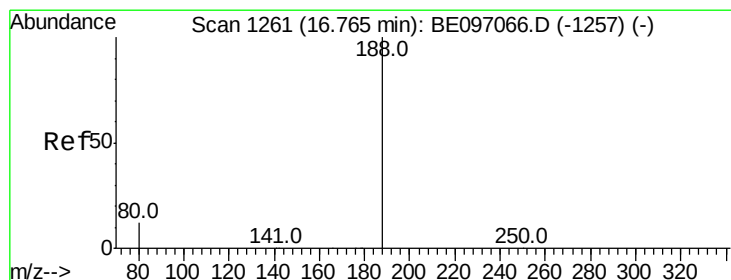
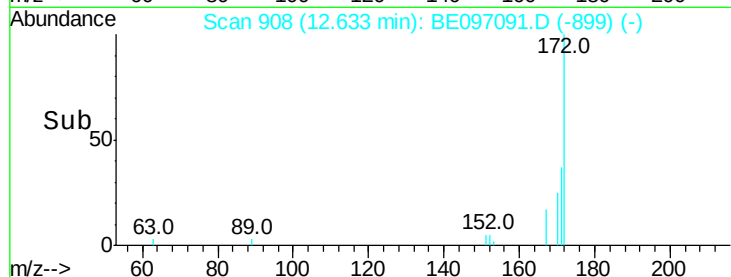
Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



Time--> 12.50 12.60 12.70 12.80



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.76 min Scan# 1261

Delta R.T. -0.00 min

Lab File: BE097091.D

Acq: 25 Jul 2018 3:51

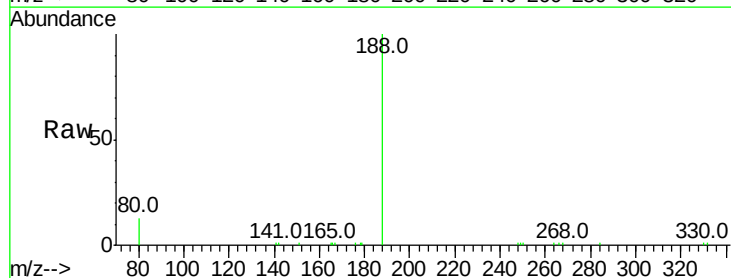
Tgt Ion:188 Resp: 11309

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

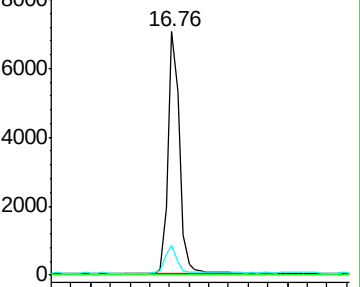
80 12.5 3.6 5.4#



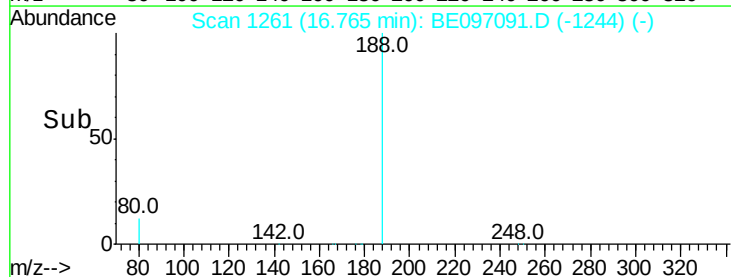
Abundance Ion 188.00 (187.70 to 188.70): E

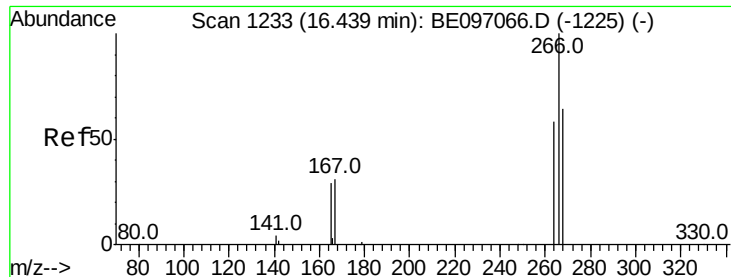
Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



Time--> 16.60 16.80 17.00

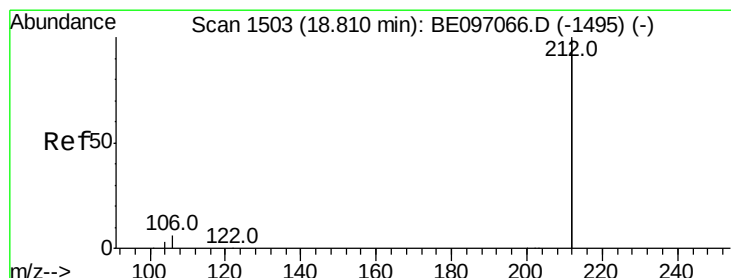
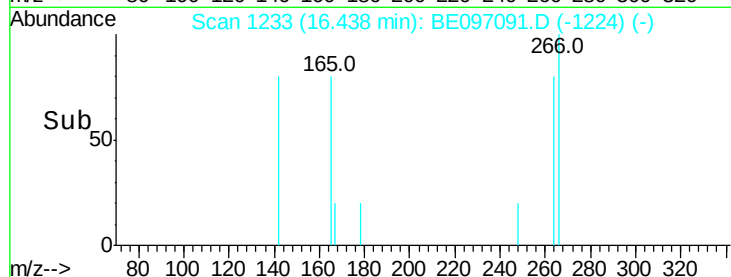
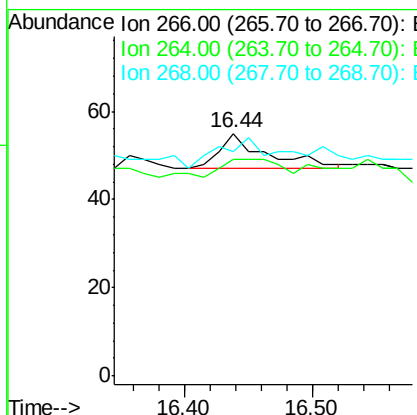
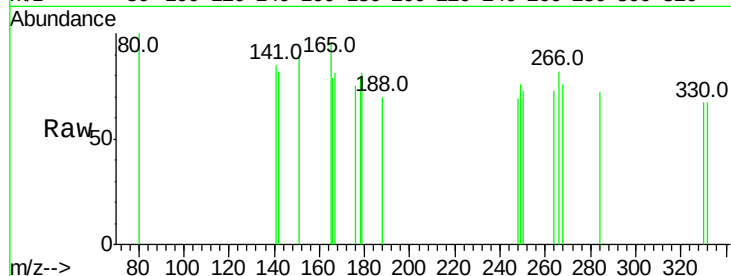




#22
 Pentachlorophenol
 Concen: 0.050 ng
 RT: 16.44 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: BE097091.D
 Acq: 25 Jul 2018 3:51

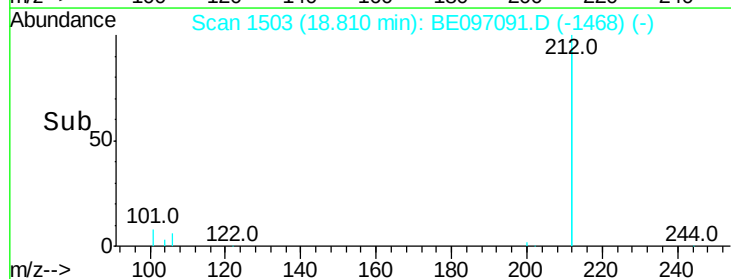
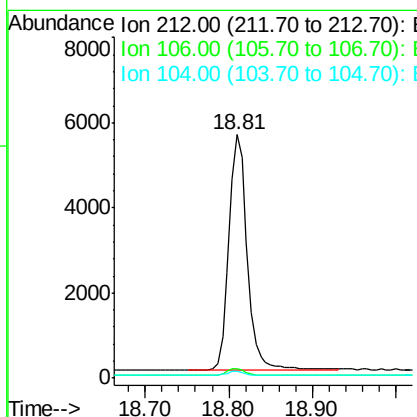
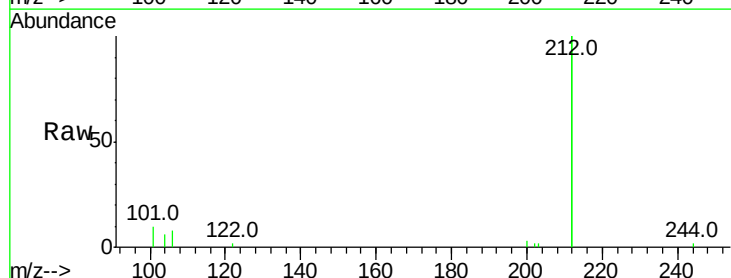
Instrument :
 BNA_E
 ClientSampleId :

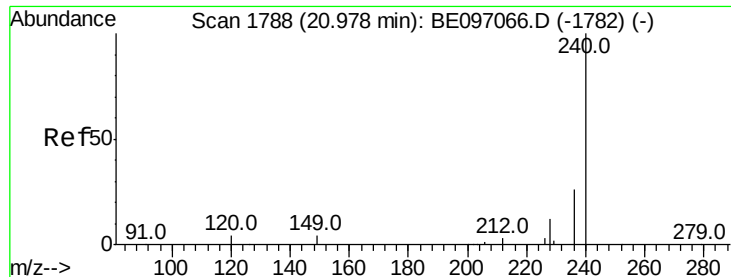
Tot	Ion:266	Resp:	21
Ion	Ratio	Lower	Upper
266	100		
264	89.1	72.5	108.7
268	92.7	73.8	110.6



#25
 Fluoranthene-d10
 Concen: 0.075 ng
 RT: 18.81 min Scan# 1503
 Delta R.T. -0.00 min
 Lab File: BE097091.D
 Acq: 25 Jul 2018 3:51

Tgt Ion	212	Resp: Lower	8448 Upper
	Ratio 100		
106	3.3	2.8	4.2
104	1.8	1.6	2.4

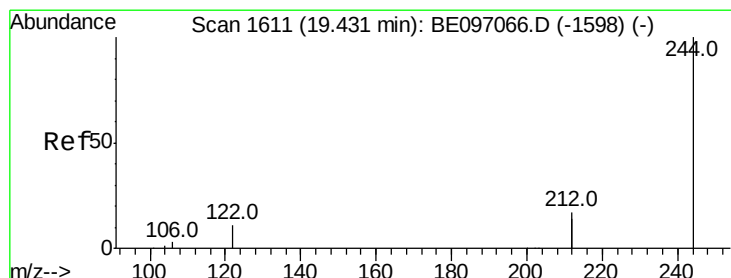
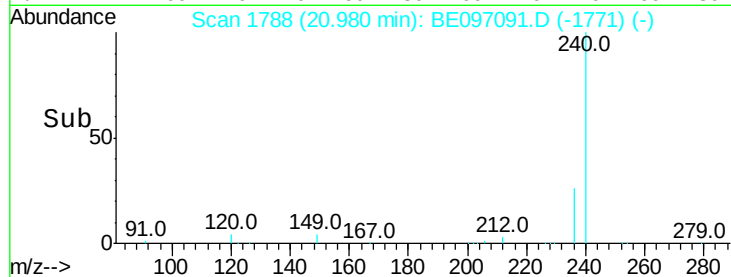
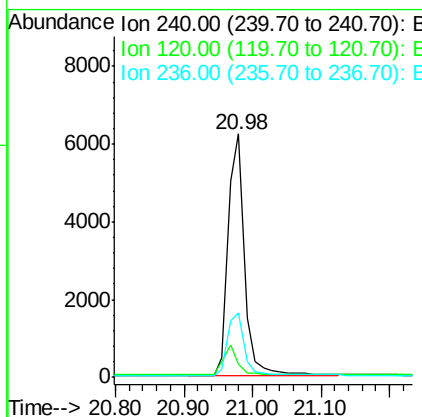
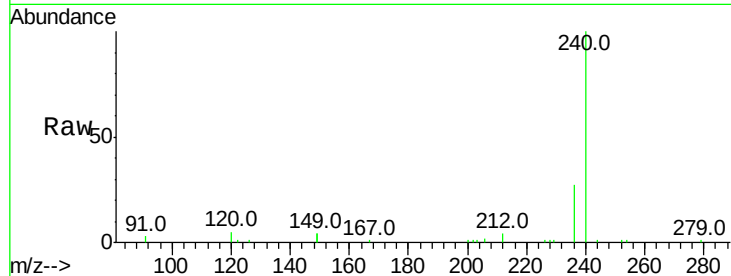




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 20.98 min Scan# 1788
 Delta R.T. 0.00 min
 Lab File: BE097091.D
 Acq: 25 Jul 2018 3:51

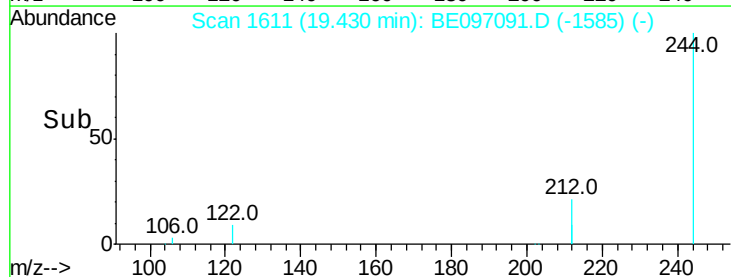
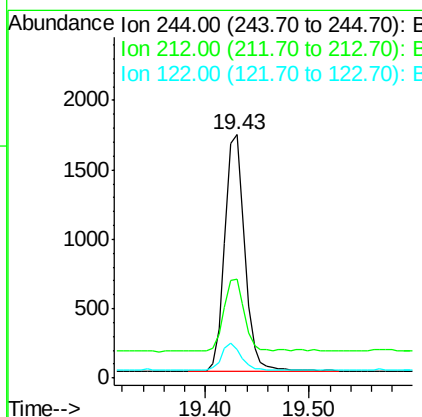
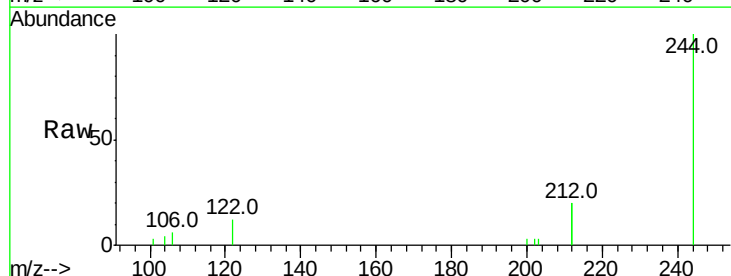
Instrument :
 BNA_E
 ClientSampleId :

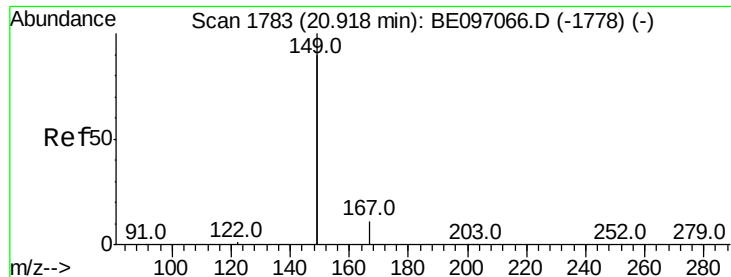
Tot Ion:240 Resp: 10344
 Ion Ratio Lower Upper
 240 100
 120 5.4 5.5 8.3#
 236 26.6 20.7 31.1



#29
 Terphenyl-d14
 Concen: 0.117 ng
 RT: 19.43 min Scan# 1611
 Delta R.T. -0.00 min
 Lab File: BE097091.D
 Acq: 25 Jul 2018 3:51

Tgt Ion:244 Resp: 2317
 Ion Ratio Lower Upper
 244 100
 212 40.5 25.4 38.0#
 122 11.7 8.1 12.1





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.291 ng

RT: 20.92 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BE097091.D

Acq: 25 Jul 2018 3:51

Instrument :

BNA_E

ClientSampleId :

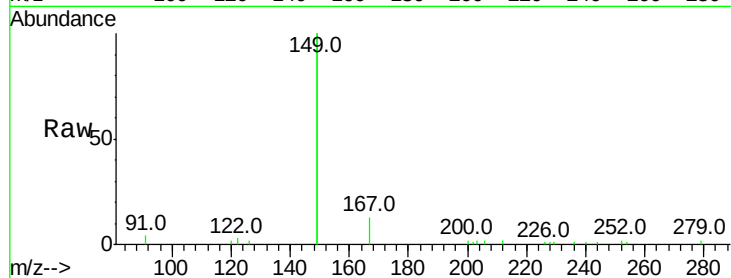
Tot Ion:149 Resp: 7830

Ion Ratio Lower Upper

149 100

167 6.6 5.4 8.0

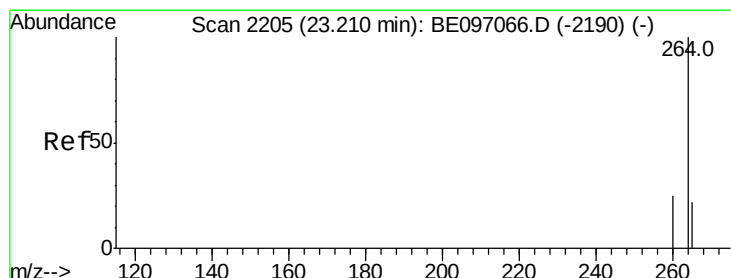
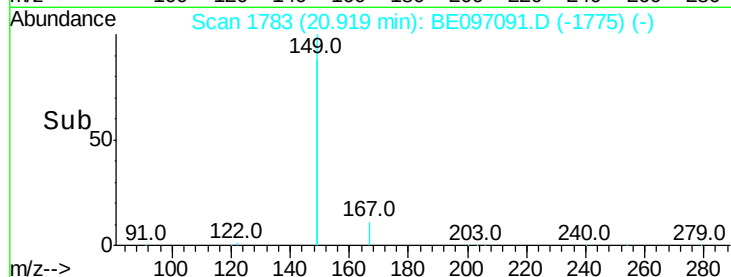
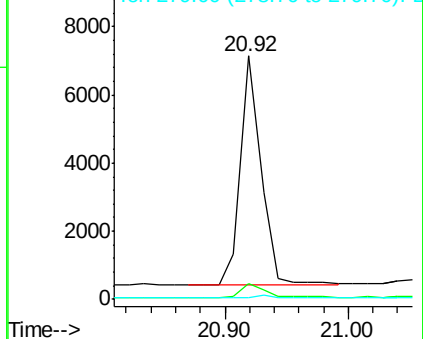
279 1.1 0.7 1.1



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: BE097091.D

Acq: 25 Jul 2018 3:51

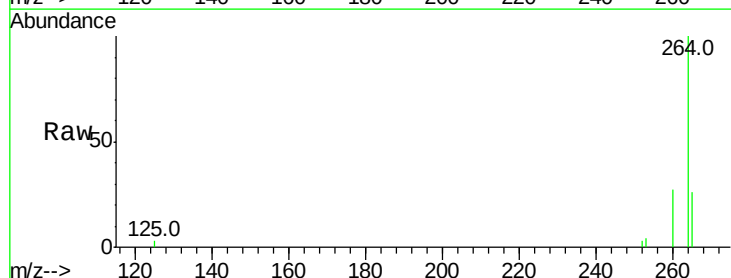
Tgt Ion:264 Resp: 7167

Ion Ratio Lower Upper

264 100

260 27.2 20.5 30.7

265 26.5 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

