

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 :
 RE109D1-071618DL

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

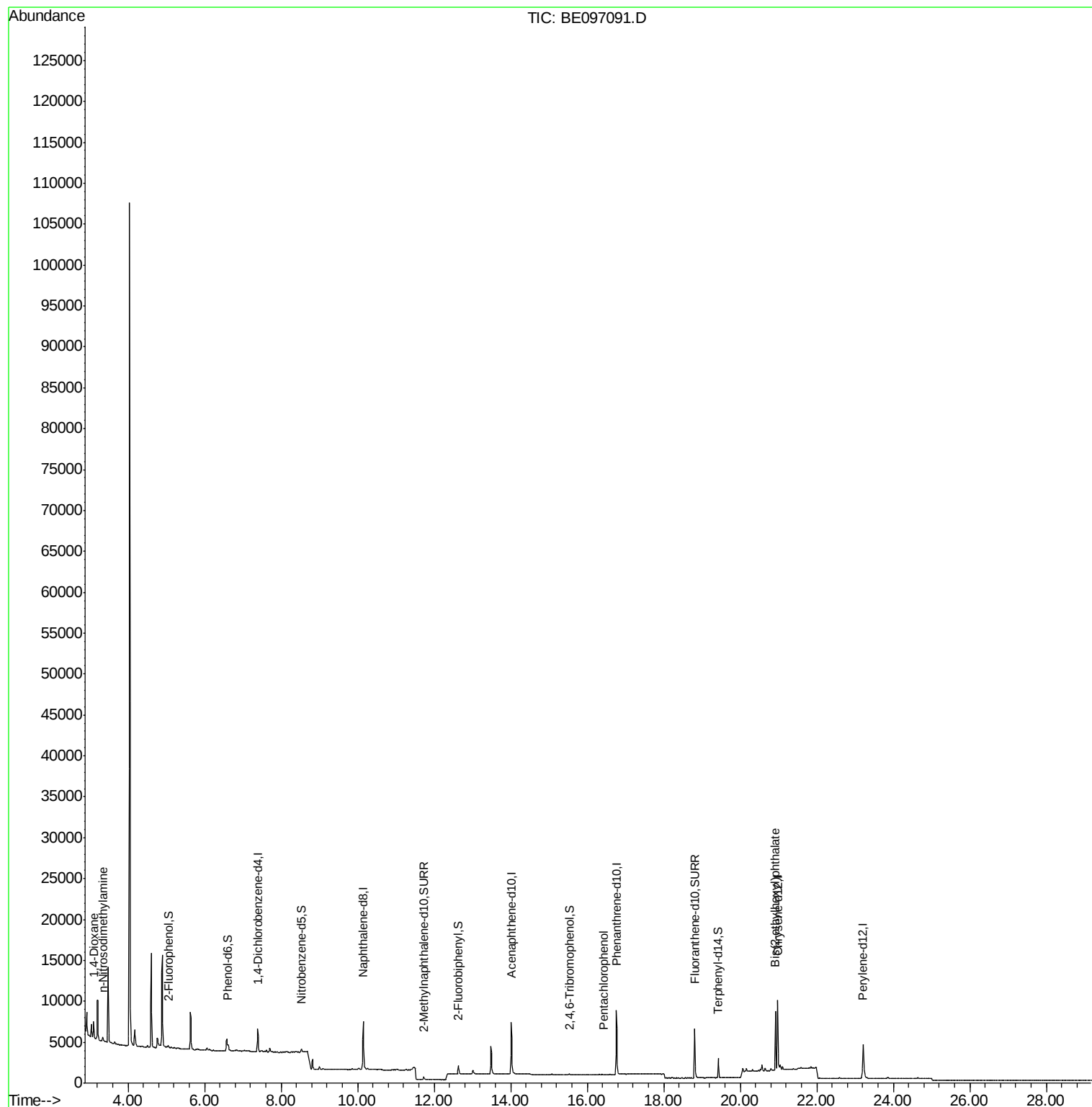
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1273	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	6318	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	3875	0.40	ng	0.00
19) Phenanthrene-d10	16.76	188	11309	0.40	ng	0.00
27) Chrysene-d12	20.98	240	10344	0.40	ng	0.00
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

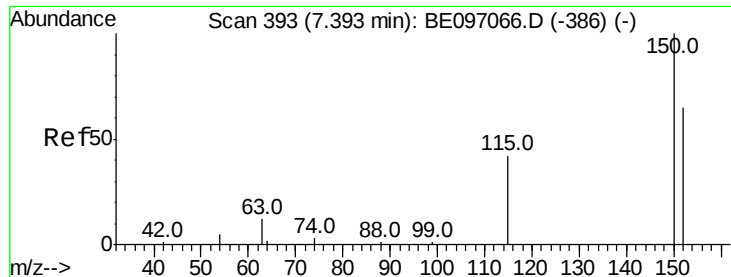
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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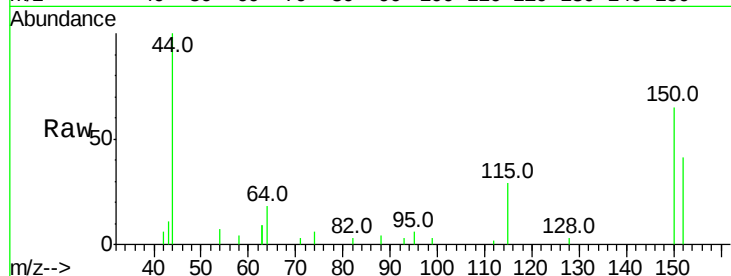


#1

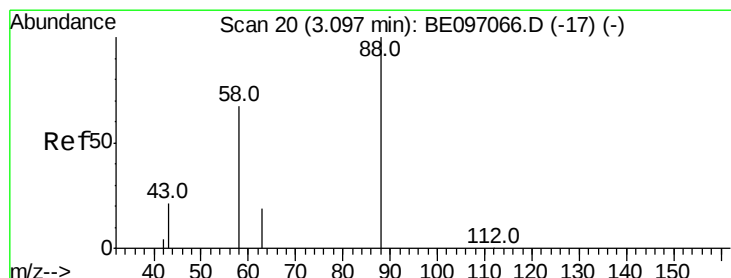
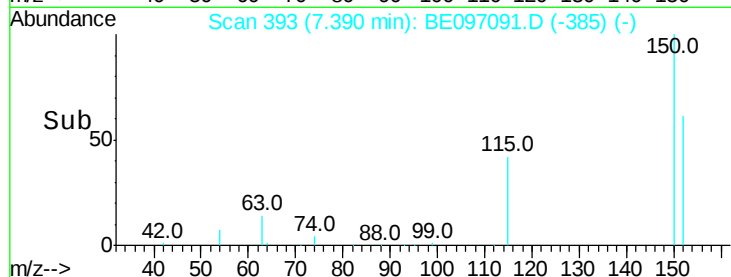
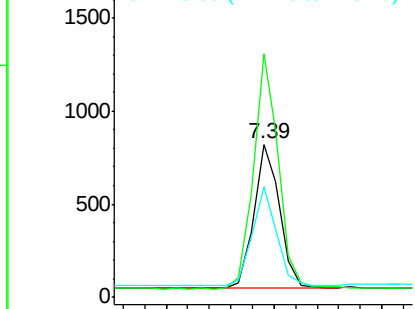
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 393
Delta R.T. -0.00 min
Lab File: BE097091.D
Acq: 25 Jul 2018 3:51

Instrument :
BNA_E
ClientSampleId :
RE109D1-071618DL

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



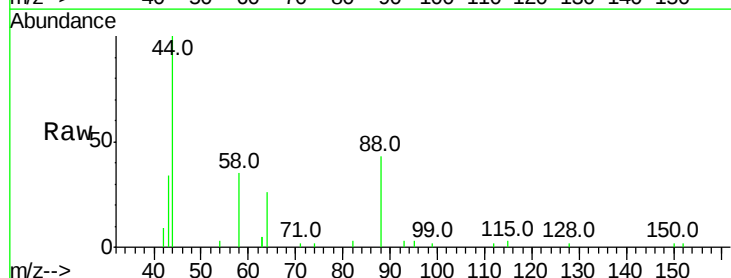
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



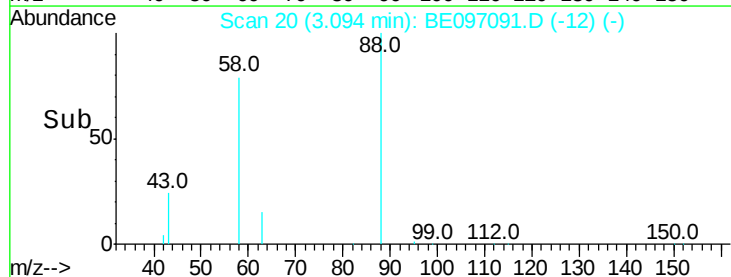
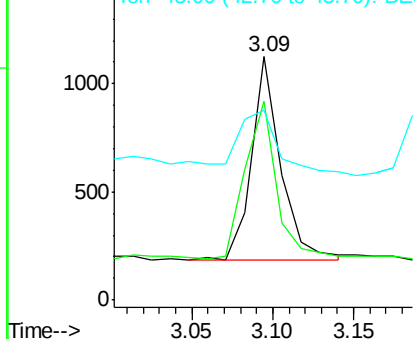
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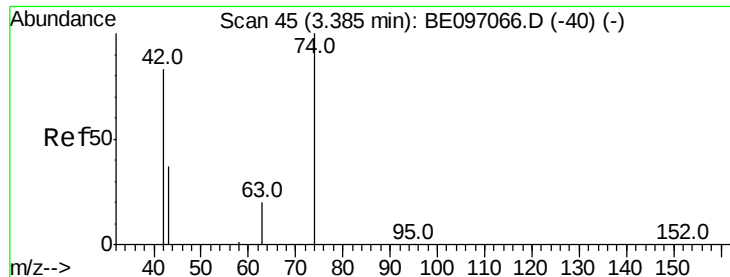
1,4-Dioxane
Concen: 0.574 ng
RT: 3.09 min Scan# 20
Delta R.T. -0.00 min
Lab File: BE097091.D
Acq: 25 Jul 2018 3:51

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



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





#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 :

RE109D1-071618DL

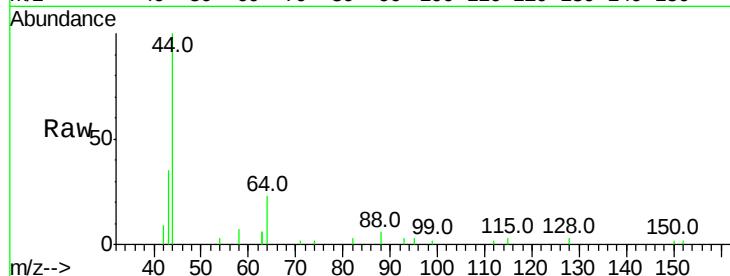
Tot Ion: 42 Resp: 162

Ion Ratio Lower Upper

42 100

74 0.0 96.0 144.0#

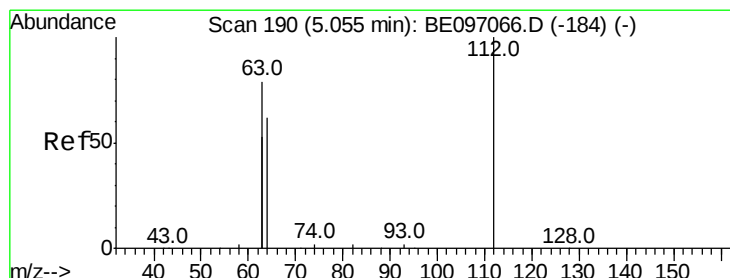
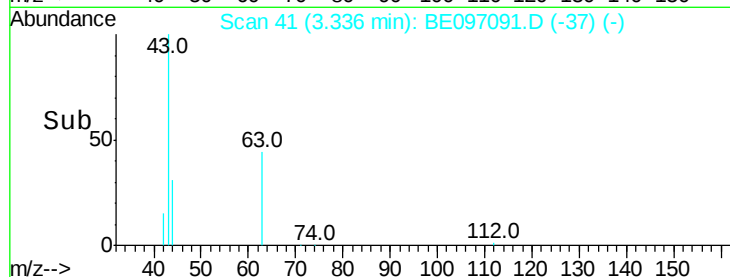
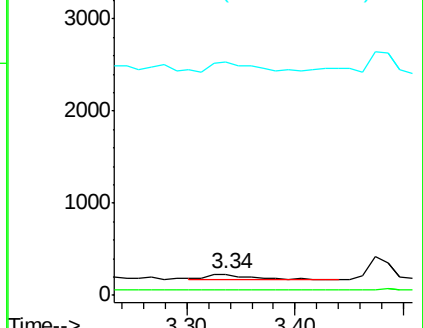
44 188.9 12.0 18.0#



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

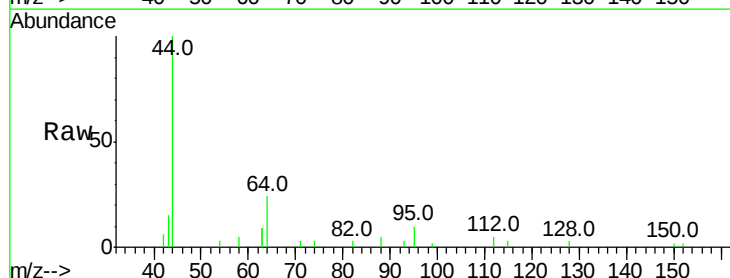
Tgt Ion: 112 Resp: 119

Ion Ratio Lower Upper

112 100

64 226.1 60.1 90.1#

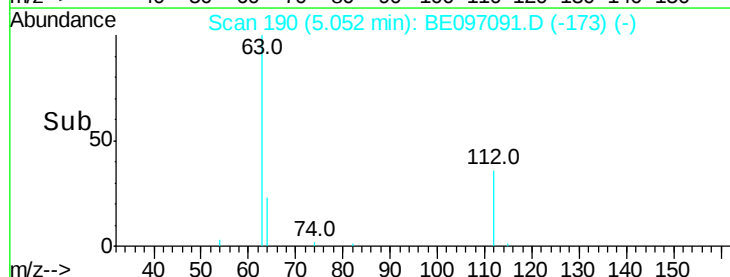
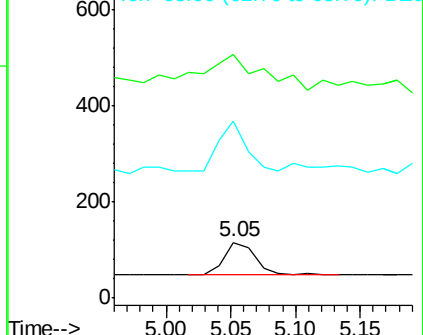
63 132.8 116.8 175.2

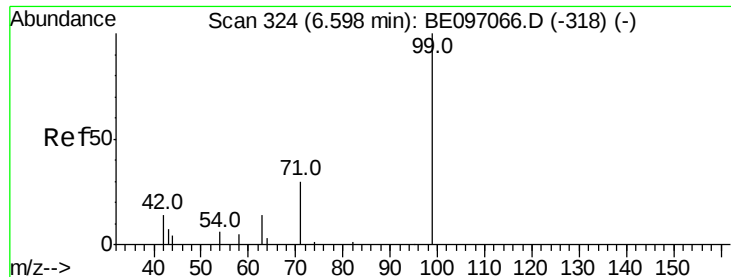


Abundance Ion 112.00 (111.70 to 112.70): E

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 :

RE109D1-071618DL

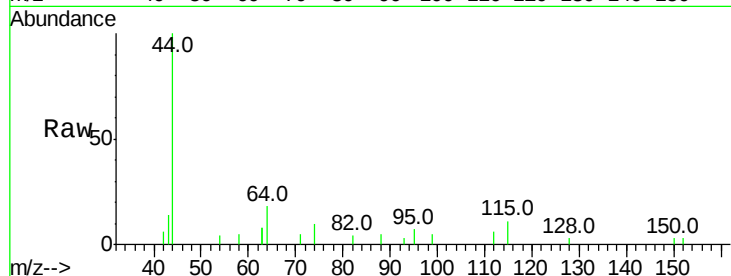
Tot Ion: 99 Resp: 133

Ion Ratio Lower Upper

99 100

42 0.0 20.2 30.2#

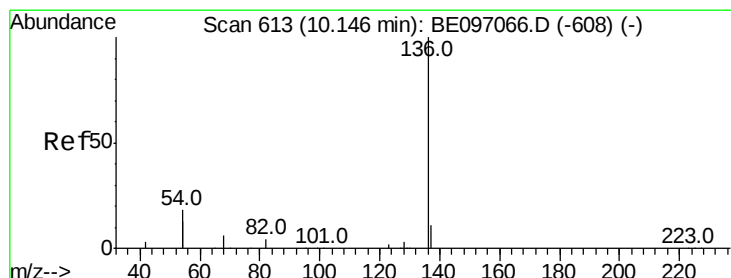
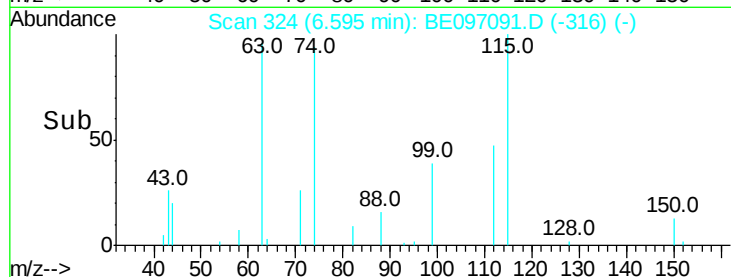
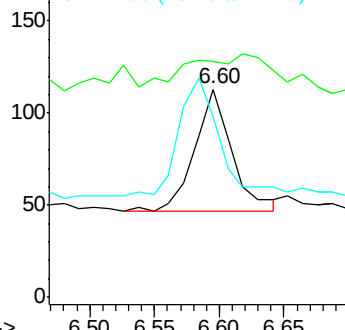
71 105.3 28.4 42.6#



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

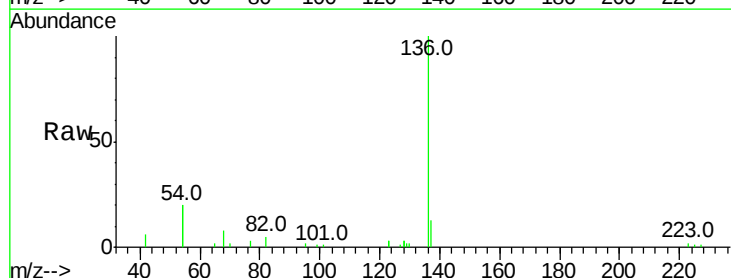
Ion Ratio Lower Upper

136 100

137 12.6 9.5 14.3

54 39.6 29.1 43.7

68 7.9 6.2 9.2

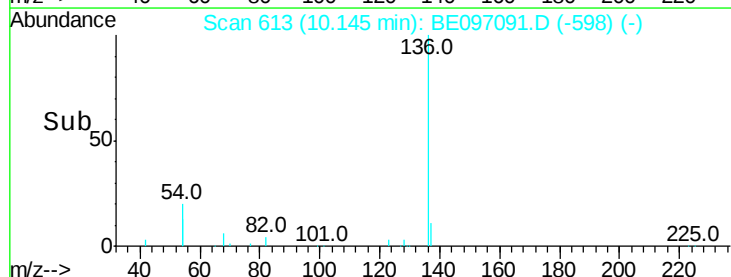
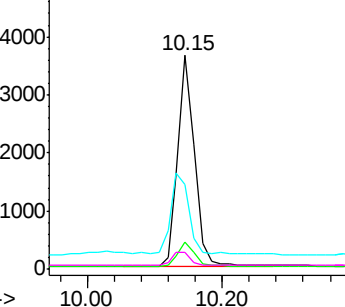


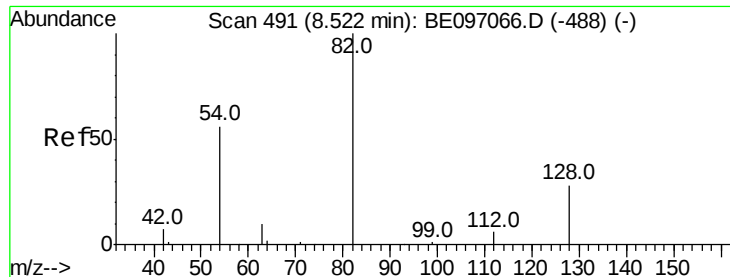
Abundance Ion 136.00 (135.70 to 136.70): E

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

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BNA_E

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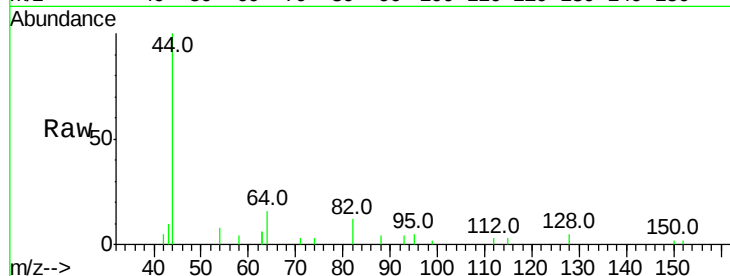
Tot Ion: 82 Resp: 406

Ion Ratio Lower Upper

82 100

128 43.4 24.0 36.0#

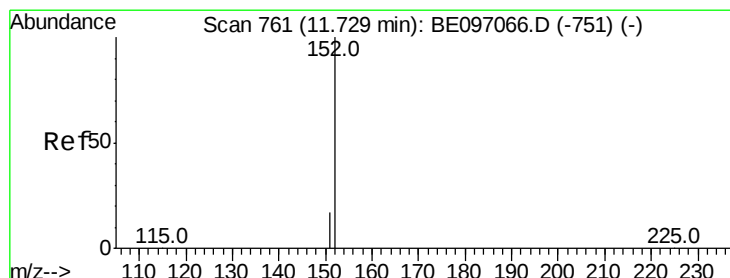
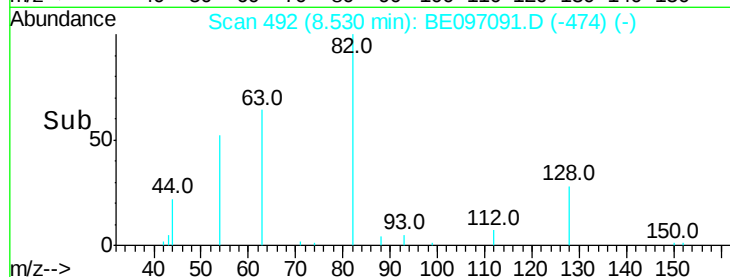
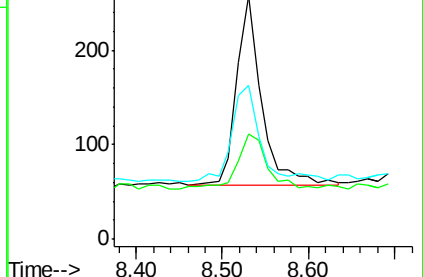
54 63.2 40.0 60.0#



Abundance Ion 82.00 (81.70 to 82.70): BE097066.D (-488) (-)

Ion 128.00 (127.70 to 128.70): BE097066.D (-488) (-)

Ion 54.00 (53.70 to 54.70): BE097066.D (-488) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.067 ng

RT: 11.73 min Scan# 761

Delta R.T. -0.00 min

Lab File: BE097091.D

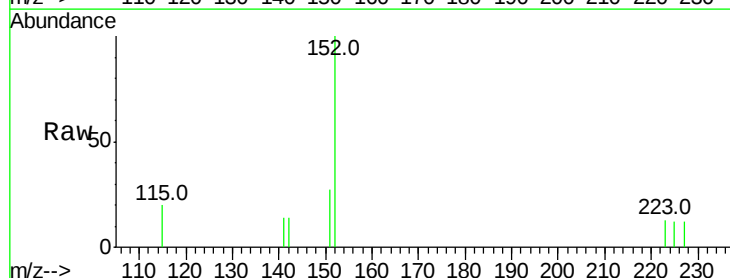
Acq: 25 Jul 2018 3:51

Tgt Ion: 152 Resp: 631

Ion Ratio Lower Upper

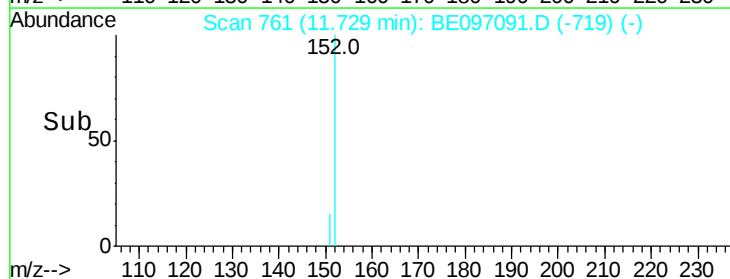
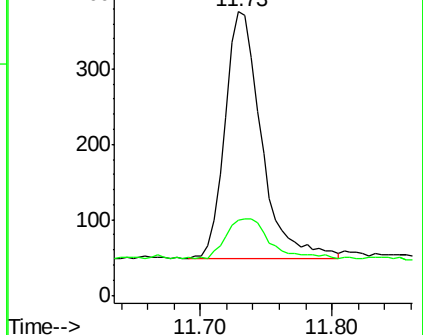
152 100

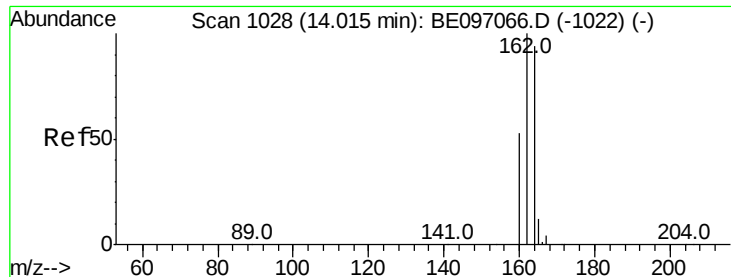
151 19.7 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): BE097066.D (-751) (-)

Ion 151.00 (150.70 to 151.70): BE097066.D (-751) (-)





#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

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ClientSampleId :

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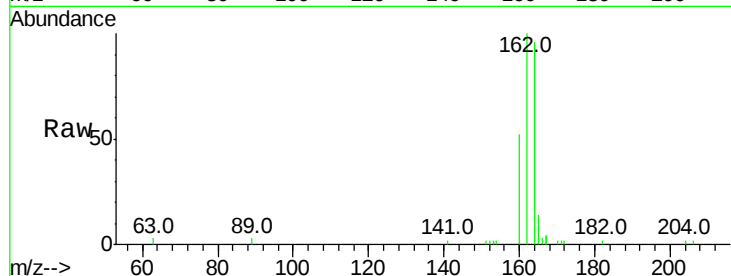
Tot Ion:164 Resp: 3875

Ion Ratio Lower Upper

164 100

162 104.5 83.1 124.7

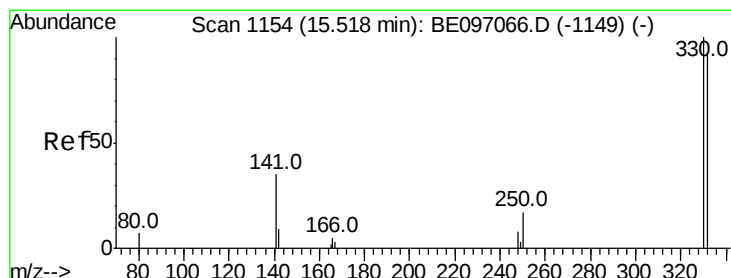
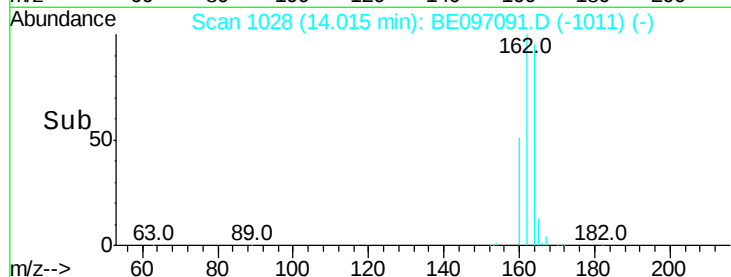
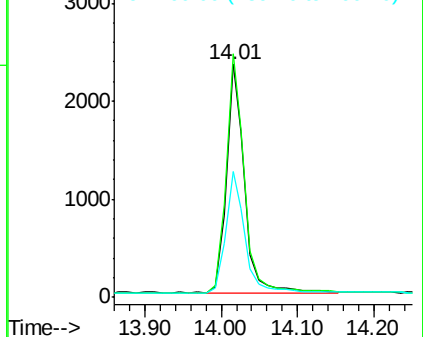
160 54.1 37.1 55.7



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

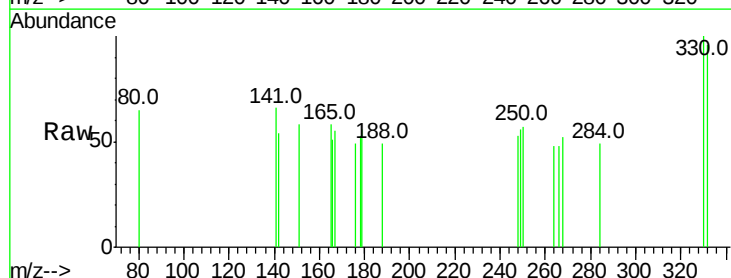
Tgt Ion:330 Resp: 99

Ion Ratio Lower Upper

330 100

332 92.9 152.7 229.1#

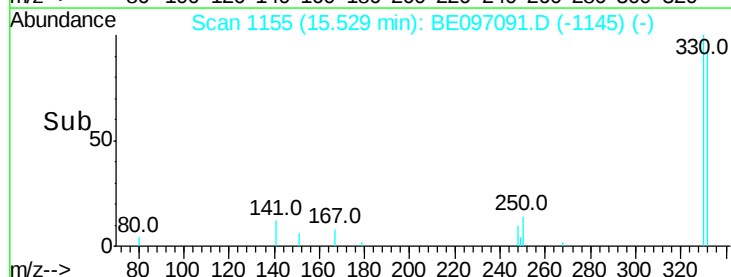
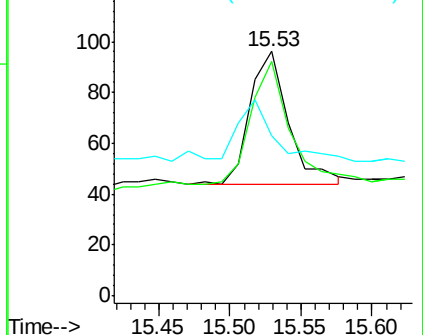
141 40.4 33.7 50.5

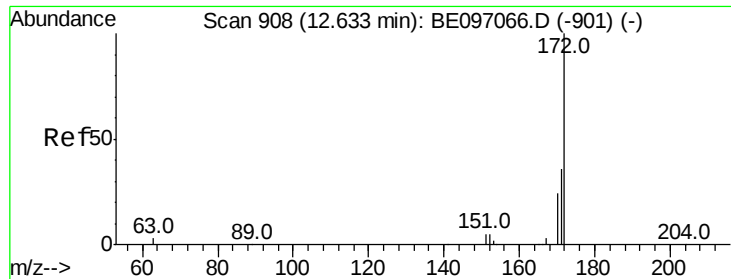


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

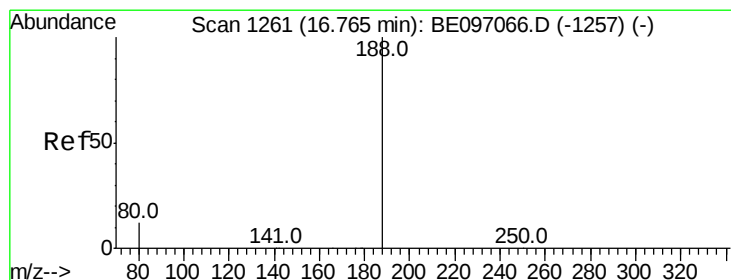
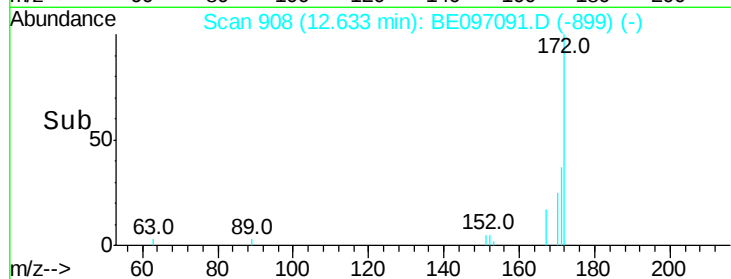
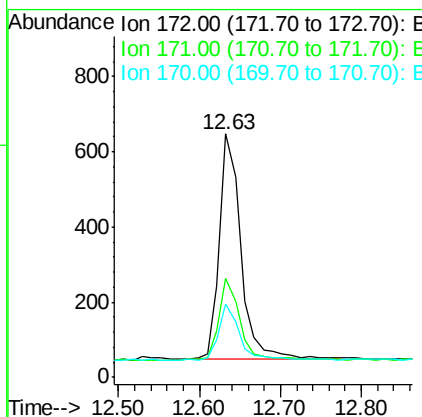
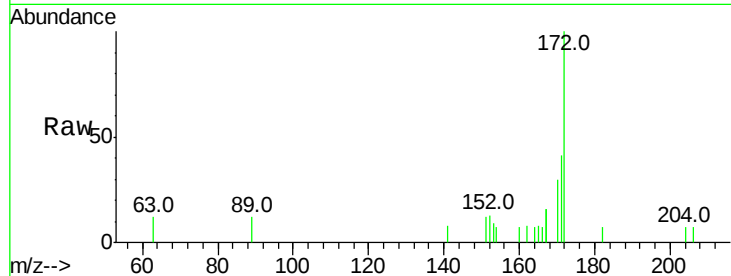




#15
2-Fluorobiphenyl
Concen: 0.081 ng
RT: 12.63 min Scan# 908
Delta R.T. 0.00 min
Lab File: BE097091.D
Acq: 25 Jul 2018 3:51

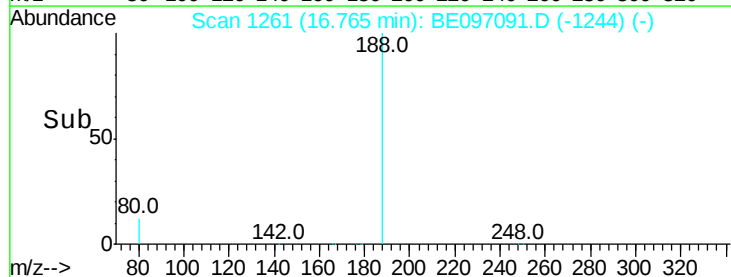
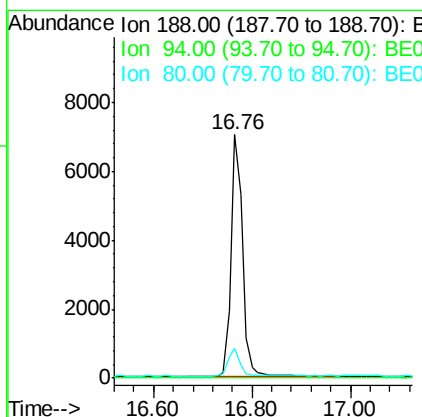
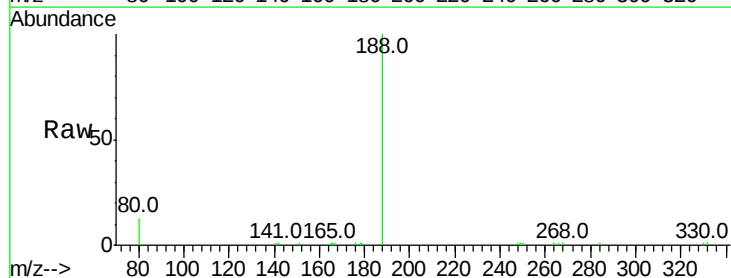
Instrument :
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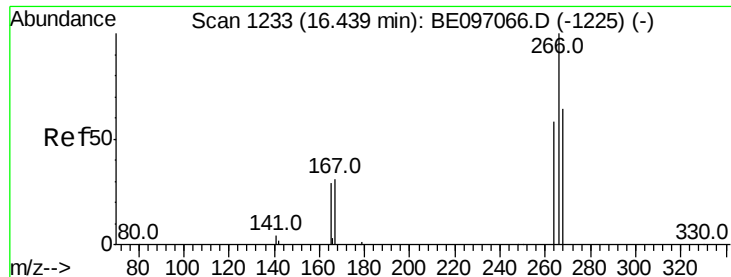
Tot Ion:172 Resp: 1090
Ion Ratio Lower Upper
172 100
171 40.7 29.9 44.9
170 29.9 21.8 32.8



#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#

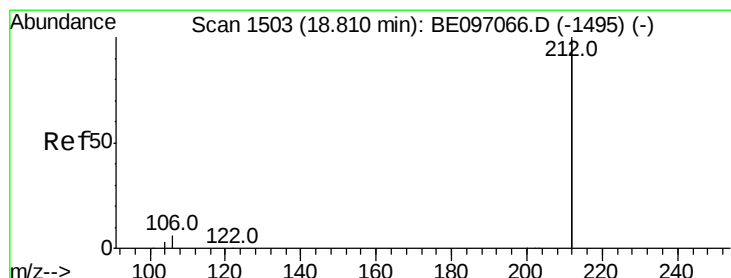
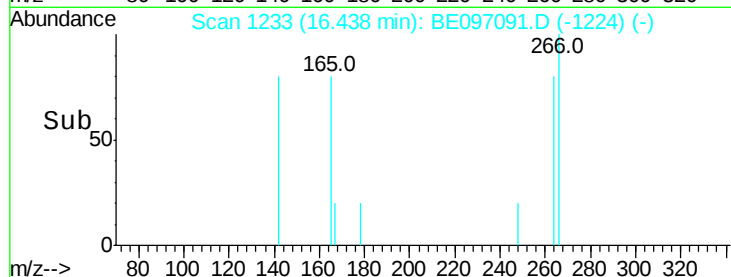
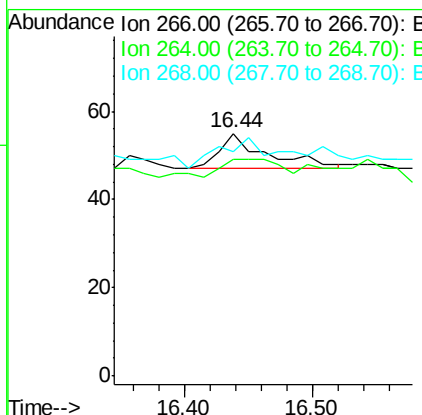
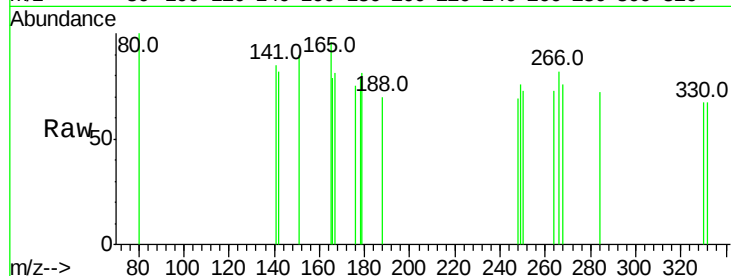




#22
 Pentachlorophenol
 Concen: 0.050 ng
 RT: 16.44 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: BE097091.D
 Acq: 25 Jul 2018 3:51

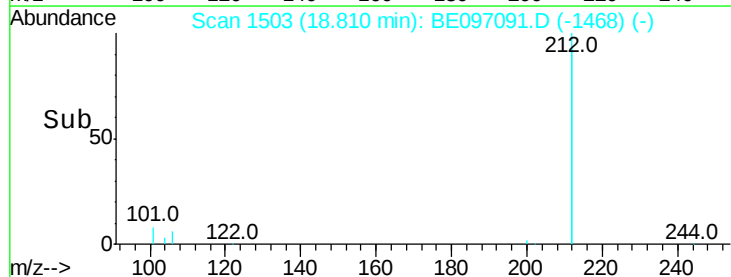
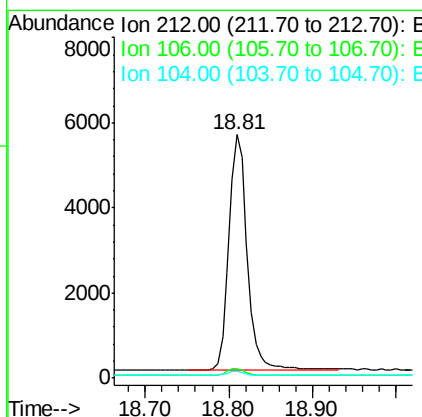
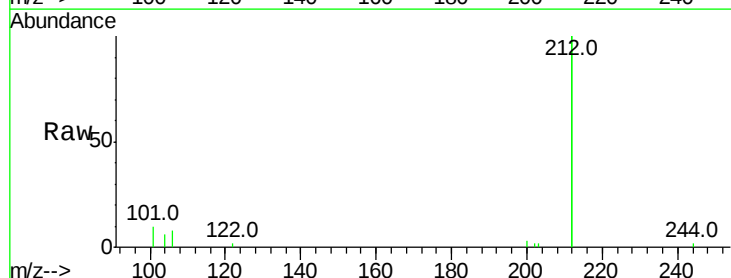
Instrument :
 BNA_E
 ClientSampleId :
 RE109D1-071618DL

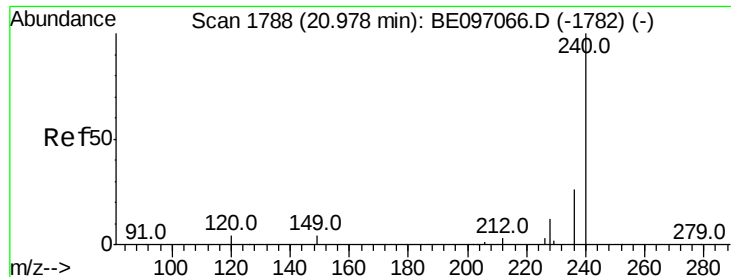
Tot Ion:266 Resp: 21
 Ion Ratio Lower Upper
 266 100
 264 89.1 72.5 108.7
 268 92.7 73.8 110.6



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

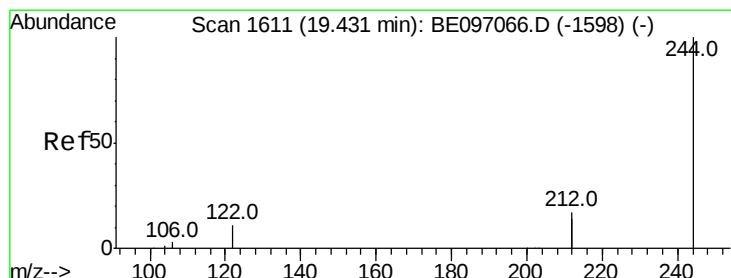
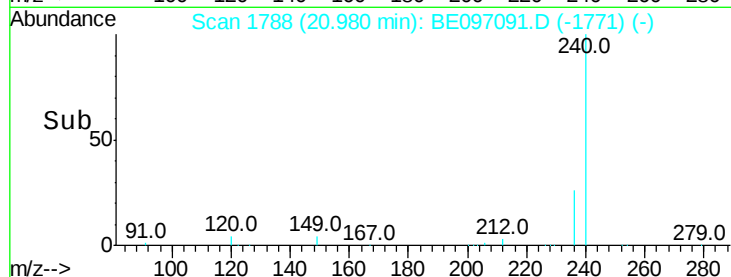
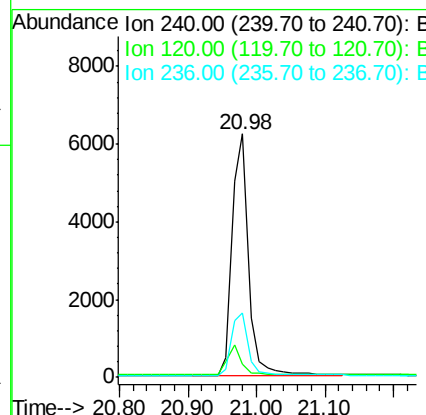
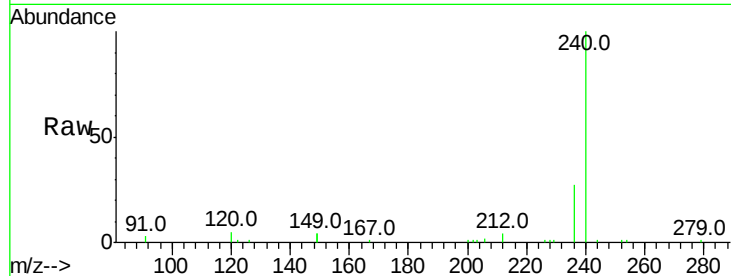




#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.98 min Scan# 1788
Delta R.T. 0.00 min
Lab File: BE097091.D
Acq: 25 Jul 2018 3:51

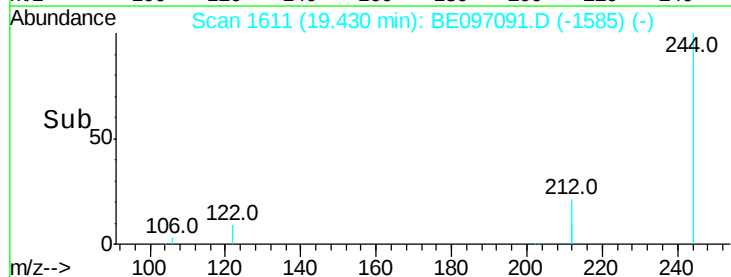
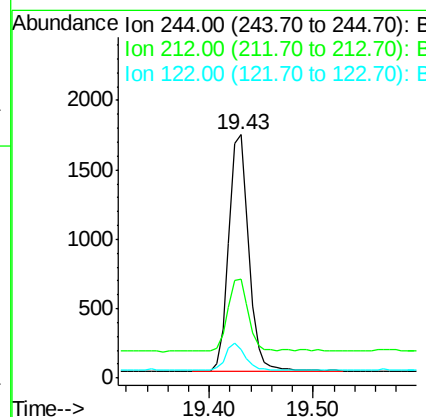
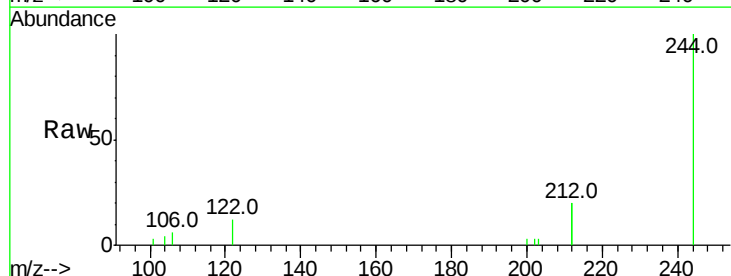
Instrument :
BNA_E
ClientSampleId :
RE109D1-071618DL

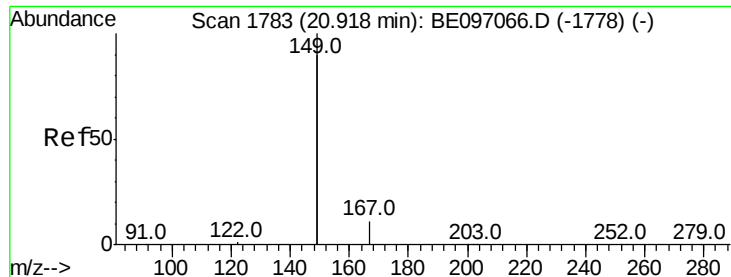
Tot Ion:240 Resp: 10344
Ion Ratio Lower Upper
240 100
120 5.4 5.5 8.3#
236 26.6 20.7 31.1



#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

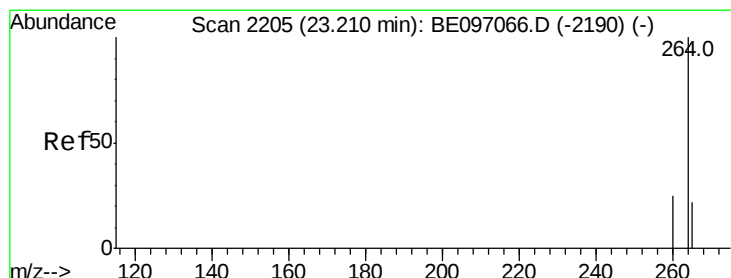
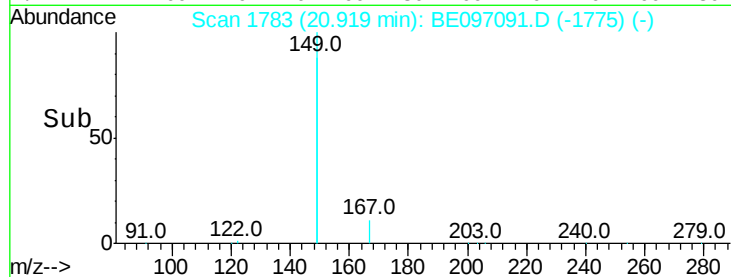
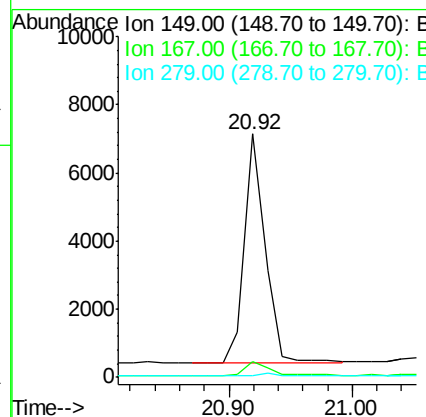
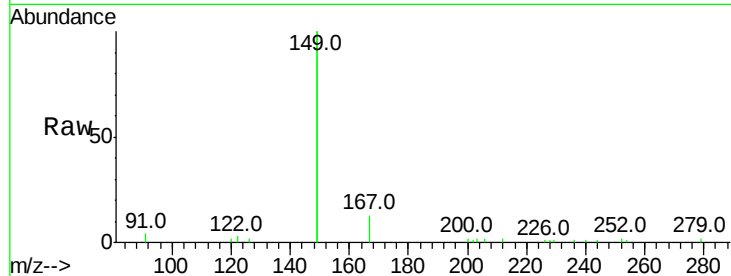




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.291 ng
 RT: 20.92 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: BE097091.D
 Acq: 25 Jul 2018 3:51

Instrument :
 BNA_E
 ClientSampleId :
 RE109D1-071618DL

Tot Ion	Ratio	Lower	Upper
149	100		
167	6.6	5.4	8.0
279	1.1	0.7	1.1



#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	Ratio	Lower	Upper
264	100		
260	27.2	20.5	30.7
265	26.5	22.8	34.2

