

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE081018\
 Data File : BE097261.D
 Acq On : 10 Aug 2018 14:05
 Operator : SJ/JU
 Sample : J4379-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 FB-08072018

Quant Time: Aug 10 16:32:16 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 31 10:49:28 2018
 Response via : Initial Calibration

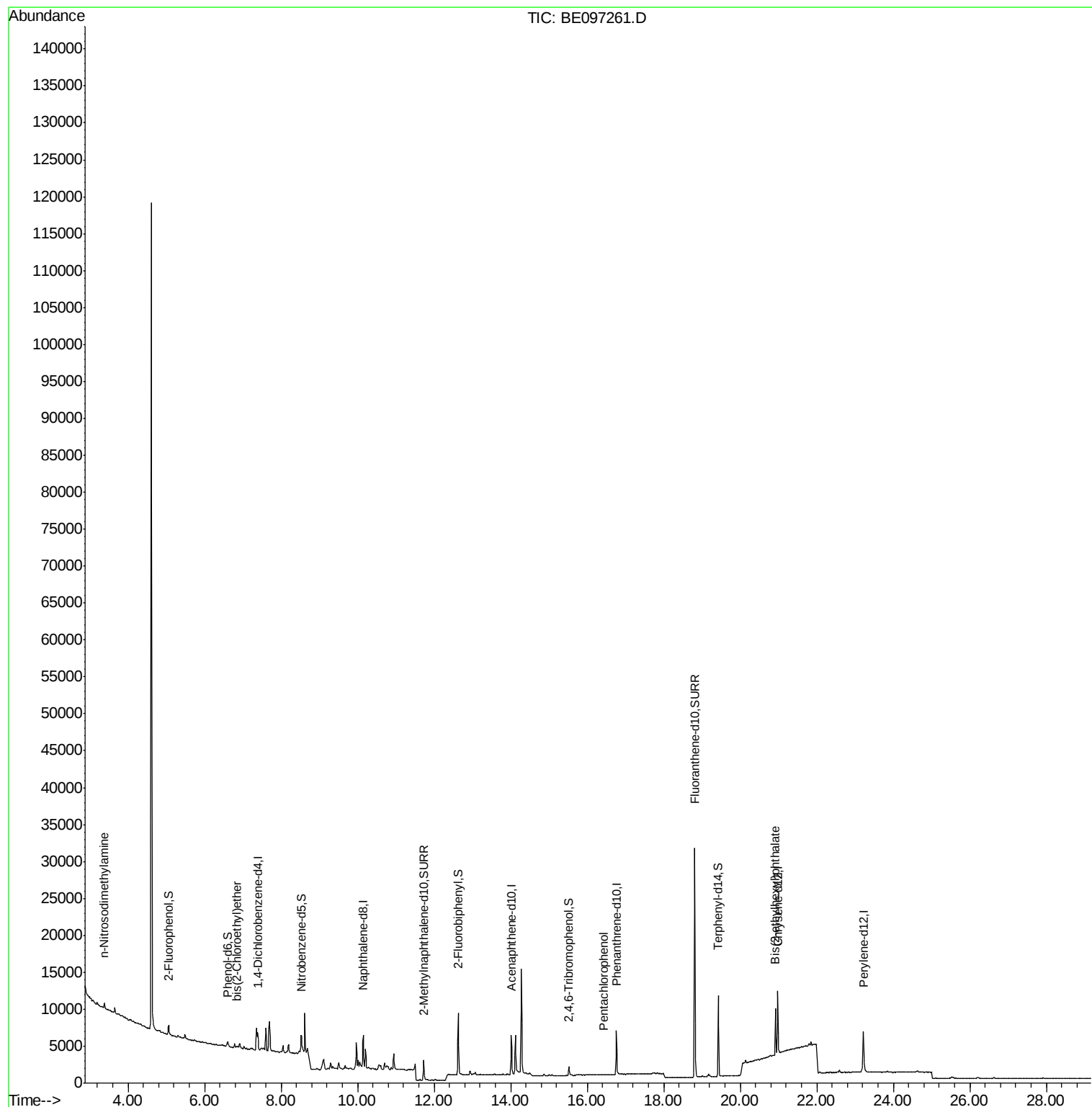
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1039	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	5137	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	3080	0.40	ng	0.00
19) Phenanthrene-d10	16.77	188	7451	0.40	ng	0.00
27) Chrysene-d12	20.98	240	8302	0.40	ng	0.00
34) Perylene-d12	23.22	264	8170	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.06	112	654	0.22	ng	0.01
5) Phenol-d6	6.61	99	531	0.12	ng	0.01
8) Nitrobenzene-d5	8.53	82	2453	0.55	ng	0.01
11) 2-Methylnaphthalene-d10	11.73	152	3765	0.49	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	647	0.64	ng	0.00
15) 2-Fluorobiphenyl	12.63	172	7319	0.69	ng	0.00
25) Fluoranthene-d10	18.81	212	41151	0.55	ng	0.00
29) Terphenyl-d14	19.43	244	9322	0.58	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.37	42	97	0.053	ng	# 1
6) bis(2-Chloroethyl)ether	6.84	93	445	0.114	ng	# 1
22) Pentachlorophenol	16.44	266	20	0.056	ng	97
32) Bis(2-ethylhexyl)phthalate	20.92	149	7003	0.324	ng	# 100

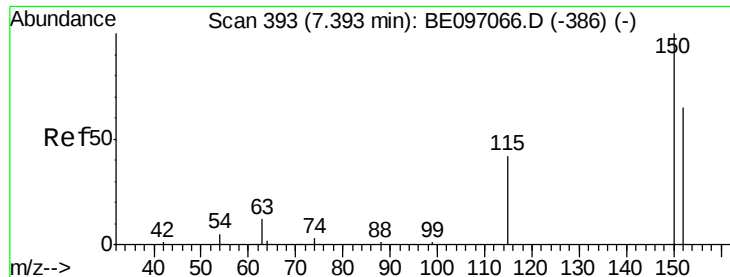
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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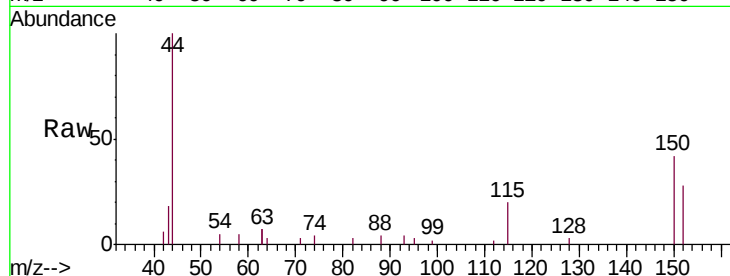


#1

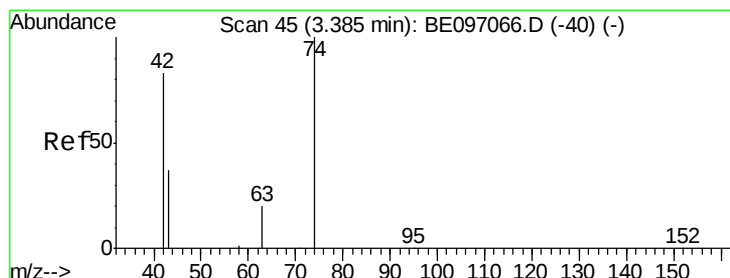
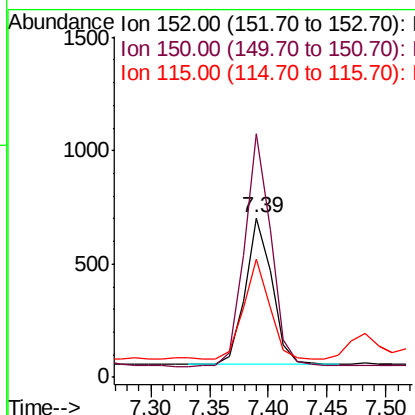
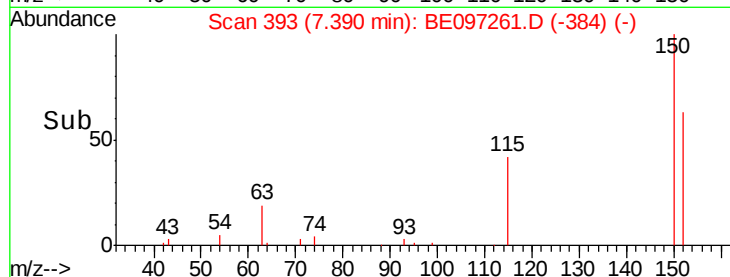
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.39 min Scan# 393
 Delta R.T. 0.00 min
 Lab File: BE097261.D
 Acq: 10 Aug 2018 14:05

Instrument :
 BNA_E
 ClientSampleId :
 FB-08072018

Tgt Ion: 152 Resp: 1039
 Ion Ratio Lower Upper
 152 100
 150 152.3 117.2 175.8
 115 73.8 57.0 85.6



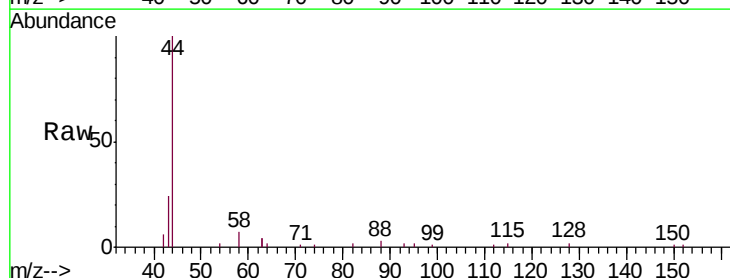
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



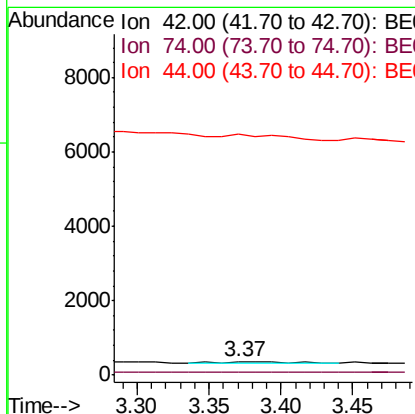
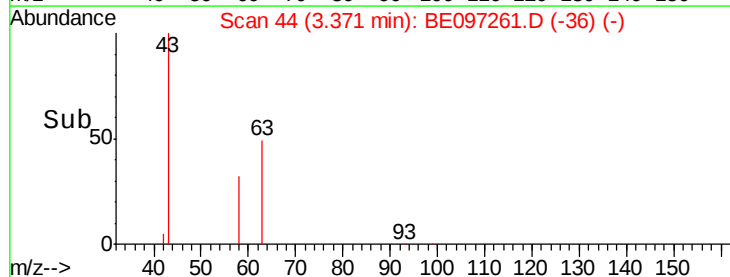
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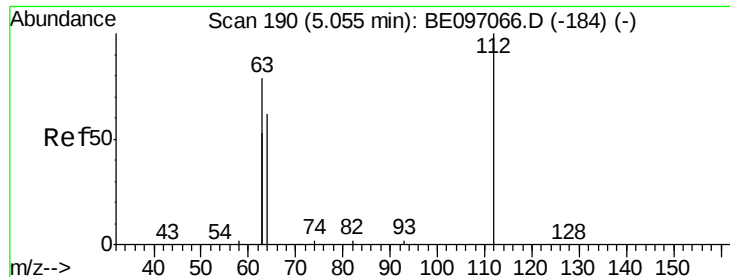
n-Nitrosodimethylamine
 Concen: 0.053 ng
 RT: 3.37 min Scan# 44
 Delta R.T. -0.01 min
 Lab File: BE097261.D
 Acq: 10 Aug 2018 14:05

Tgt Ion: 42 Resp: 97
 Ion Ratio Lower Upper
 42 100
 74 0.0 96.0 144.0#
 44 0.0 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: 0.224 ng

RT: 5.06 min Scan# 191

Delta R.T. 0.01 min

Lab File: BE097261.D

Acq: 10 Aug 2018 14:05

Instrument :

BNA_E

ClientSampleId :

FB-08072018

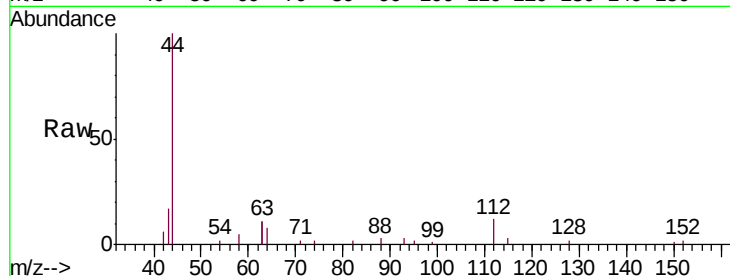
Tgt Ion: 112 Resp: 654

Ion Ratio Lower Upper

112 100

64 69.3 60.1 90.1

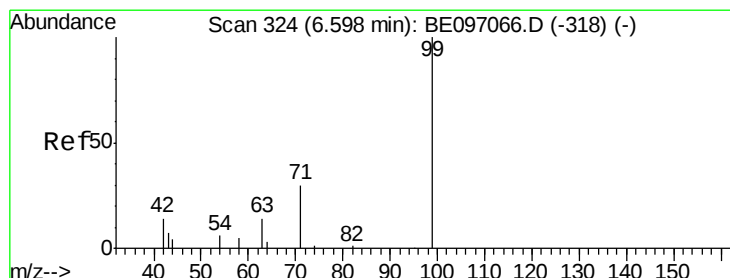
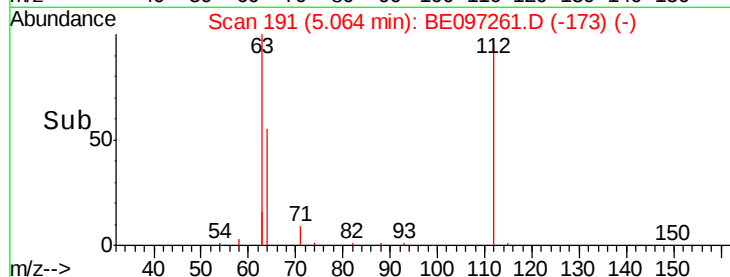
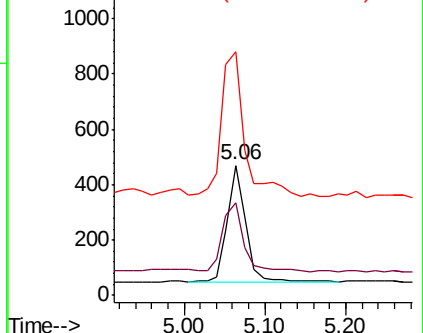
63 157.8 116.8 175.2



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: 0.124 ng

RT: 6.61 min Scan# 325

Delta R.T. 0.01 min

Lab File: BE097261.D

Acq: 10 Aug 2018 14:05

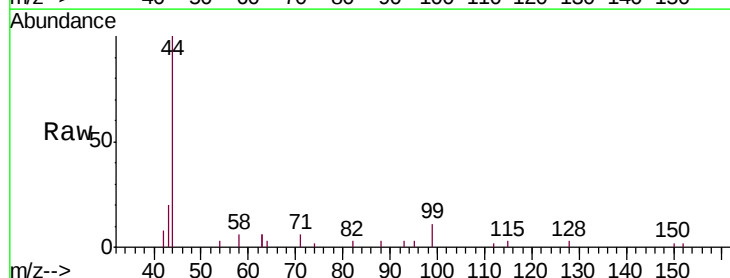
Tgt Ion: 99 Resp: 531

Ion Ratio Lower Upper

99 100

42 24.9 20.2 30.2

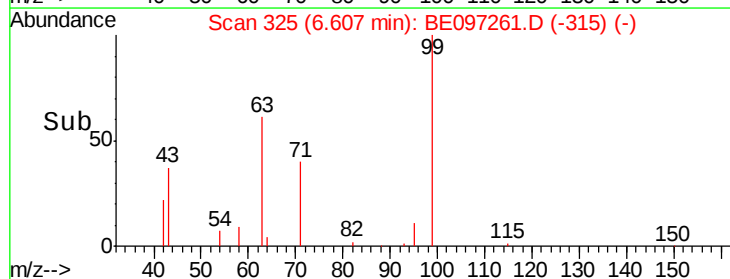
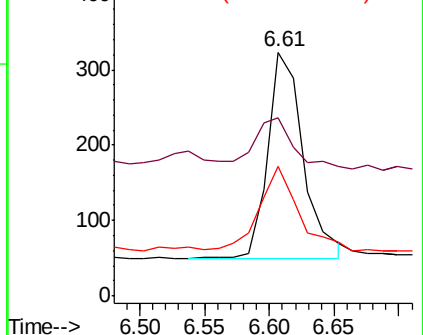
71 43.1 28.4 42.6#

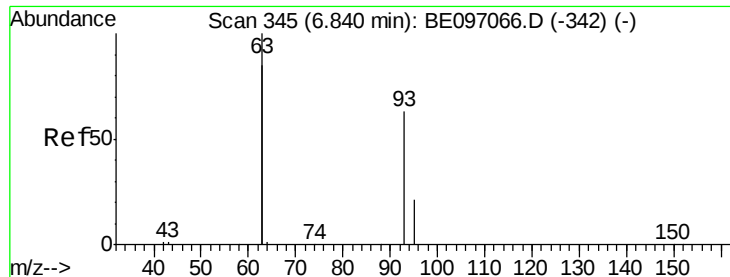


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.114 ng

RT: 6.84 min Scan# 345

Delta R.T. 0.00 min

Lab File: BE097261.D

Acq: 10 Aug 2018 14:05

Instrument :

BNA_E

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FB-08072018

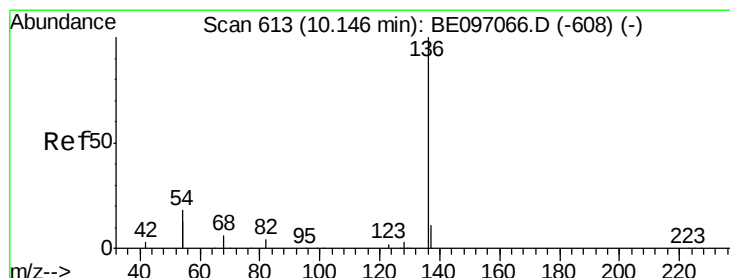
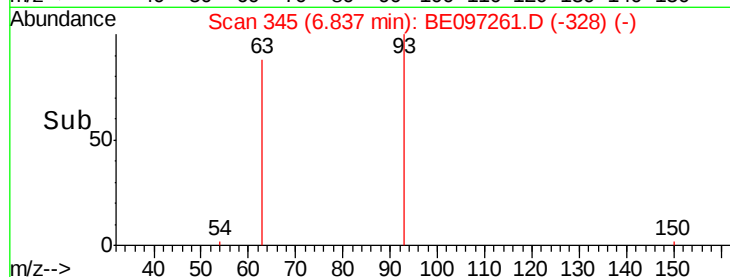
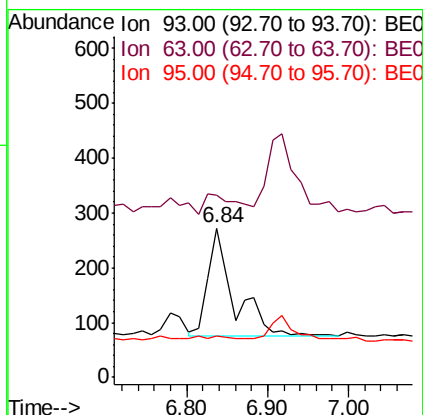
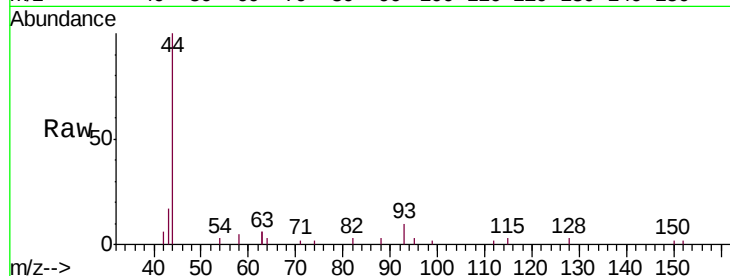
Tgt Ion: 93 Resp: 445

Ion Ratio Lower Upper

93 100

63 20.9 275.3 412.9#

95 0.0 25.2 37.8#



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 613

Delta R.T. 0.00 min

Lab File: BE097261.D

Acq: 10 Aug 2018 14:05

Tgt Ion: 136 Resp: 5137

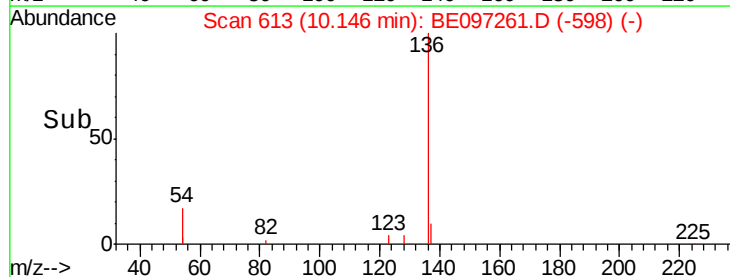
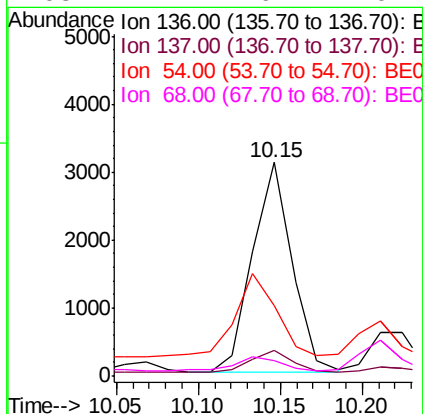
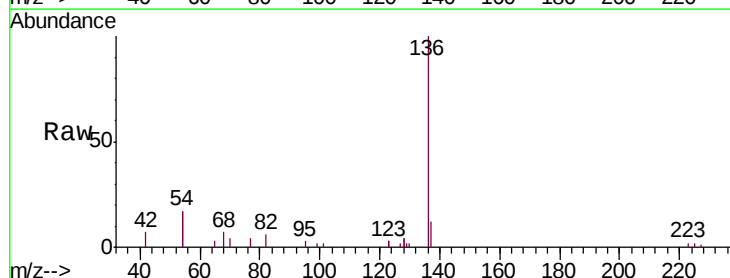
Ion Ratio Lower Upper

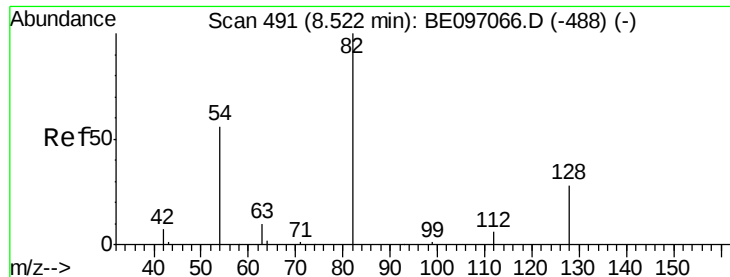
136 100

137 12.3 9.5 14.3

54 33.1 29.1 43.7

68 7.4 6.2 9.2

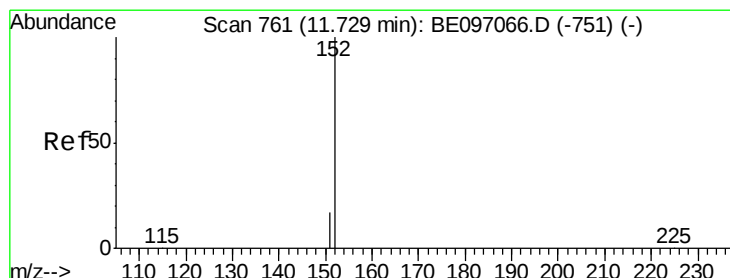
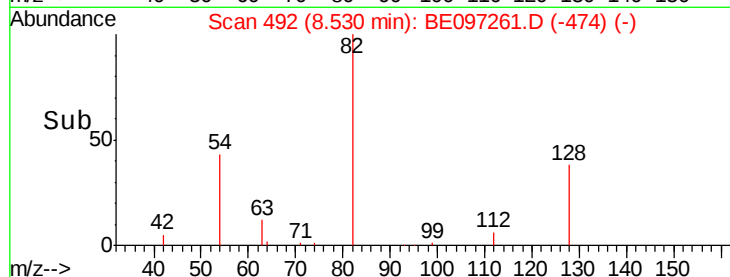
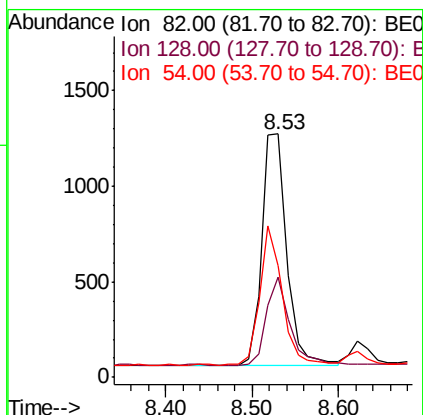
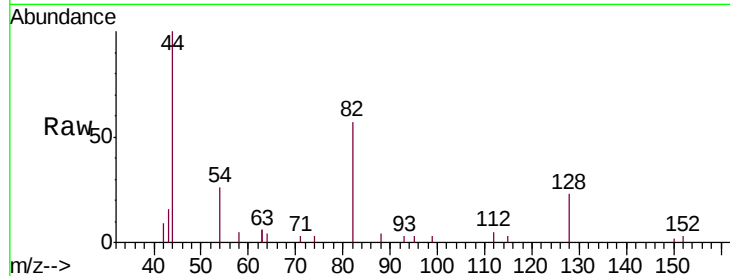




#8
 Nitrobenzene-d5
 Concen: 0.550 ng
 RT: 8.53 min Scan# 492
 Delta R.T. 0.01 min
 Lab File: BE097261.D
 Acq: 10 Aug 2018 14:05

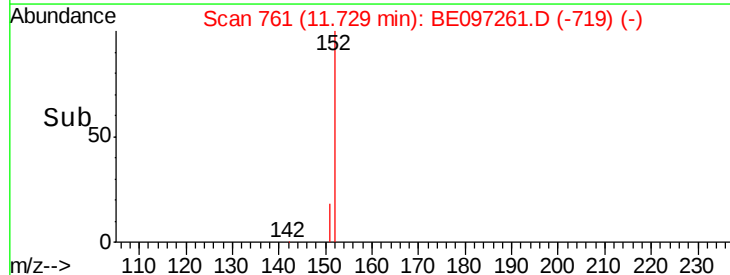
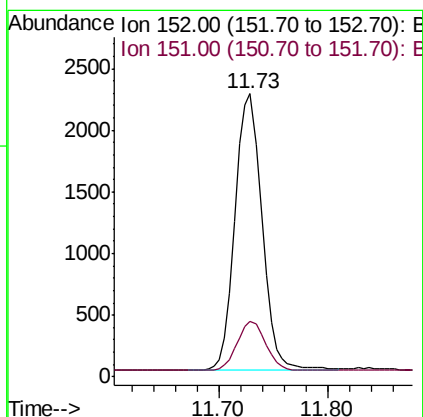
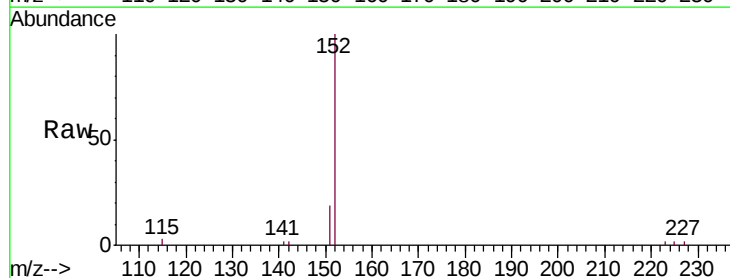
Instrument :
 BNA_E
 ClientSampleId :
 FB-08072018

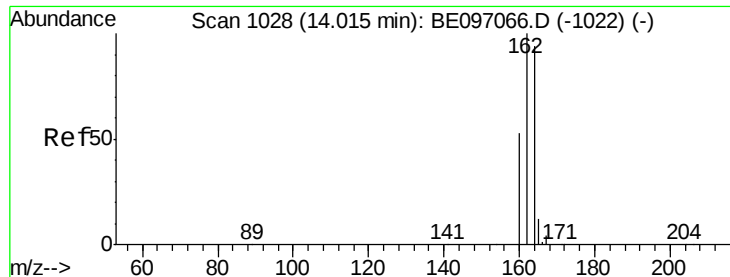
Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.1	24.0	36.0
54	46.2	40.0	60.0



#11
 2-Methylnaphthalene-d10
 Concen: 0.490 ng
 RT: 11.73 min Scan# 761
 Delta R.T. 0.00 min
 Lab File: BE097261.D
 Acq: 10 Aug 2018 14:05

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.4	23.0

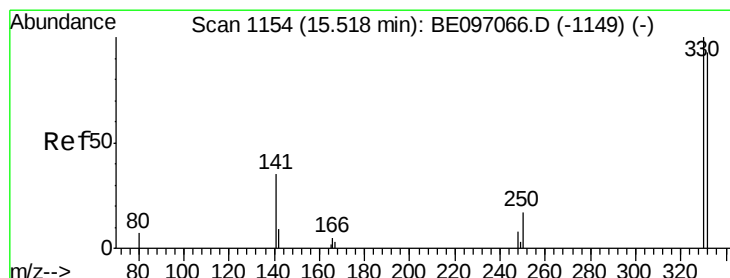
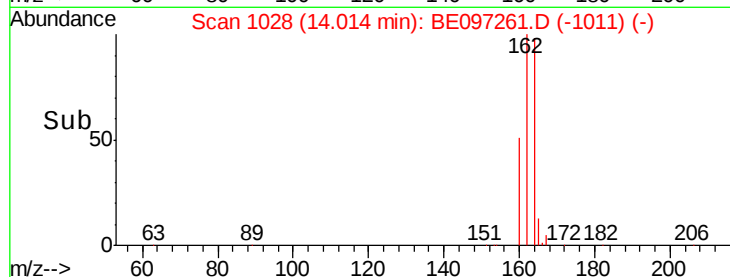
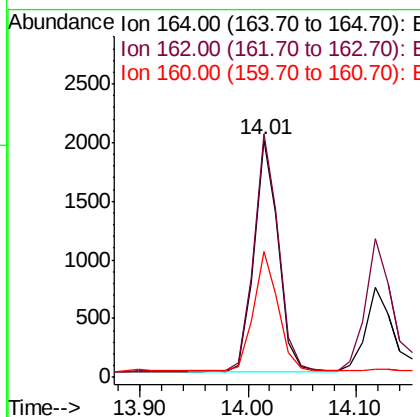
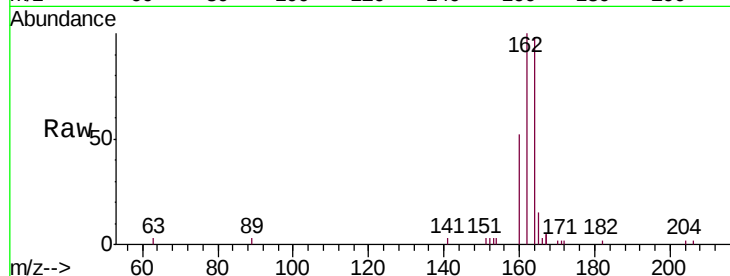




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BE097261.D
Acq: 10 Aug 2018 14:05

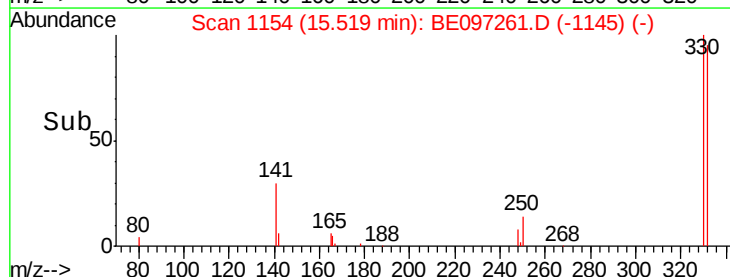
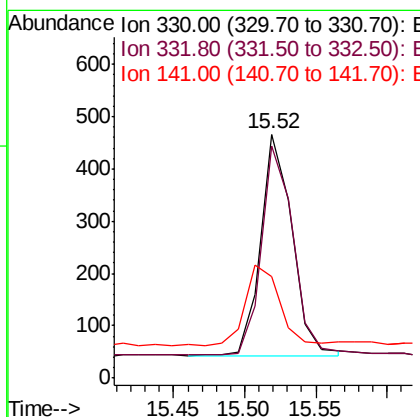
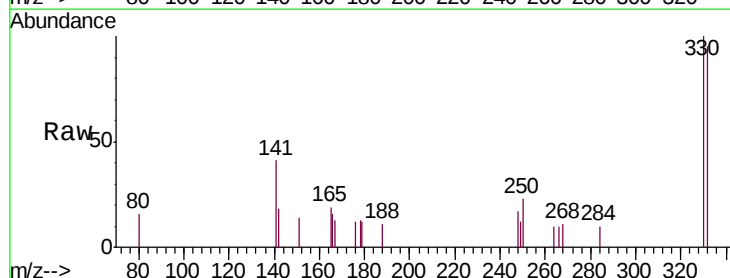
Instrument :
BNA_E
ClientSampled :
FB-08072018

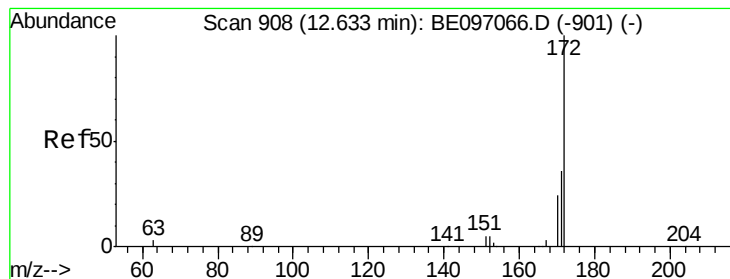
Tgt Ion:164 Resp: 3080
Ion Ratio Lower Upper
164 100
162 102.4 83.1 124.7
160 53.0 37.1 55.7



#14
2,4,6-Tribromophenol
Concen: 0.638 ng
RT: 15.52 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BE097261.D
Acq: 10 Aug 2018 14:05

Tgt Ion:330 Resp: 647
Ion Ratio Lower Upper
330 100
332 95.4 152.7 229.1#
141 39.6 33.7 50.5





#15

2-Fluorobiphenyl

Concen: 0.688 ng

RT: 12.63 min Scan# 908

Delta R.T. -0.00 min

Lab File: BE097261.D

Acq: 10 Aug 2018 14:05

Instrument :

BNA_E

ClientSampleId :

FB-08072018

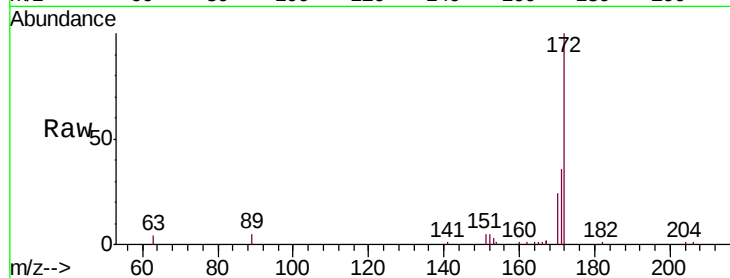
Tgt Ion:172 Resp: 7319

Ion Ratio Lower Upper

172 100

171 35.7 29.9 44.9

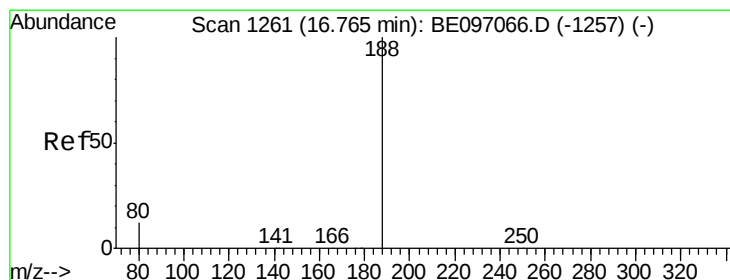
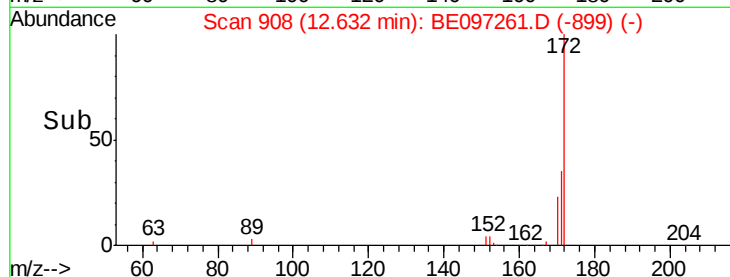
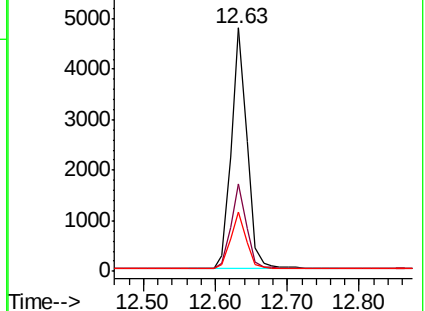
170 24.3 21.8 32.8



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: 16.77 min Scan# 1261

Delta R.T. 0.00 min

Lab File: BE097261.D

Acq: 10 Aug 2018 14:05

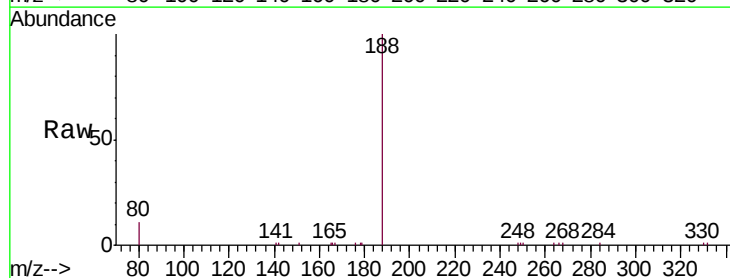
Tgt Ion:188 Resp: 7451

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

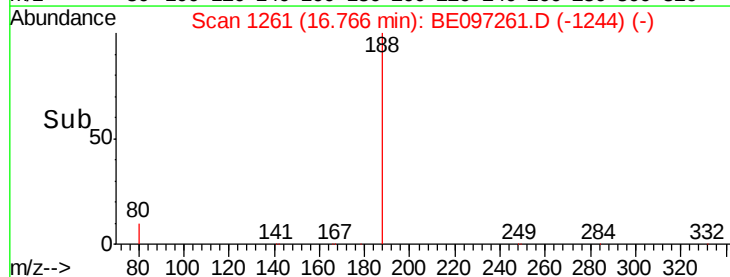
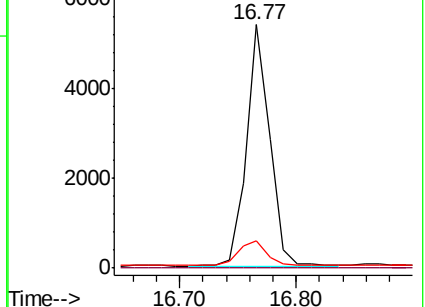
80 11.2 3.6 5.4#

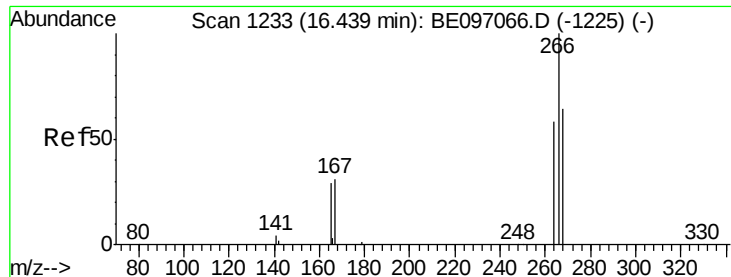


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

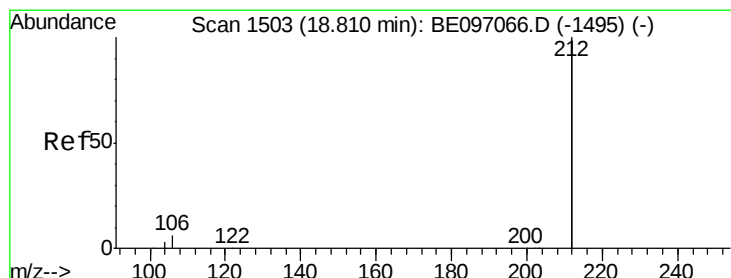
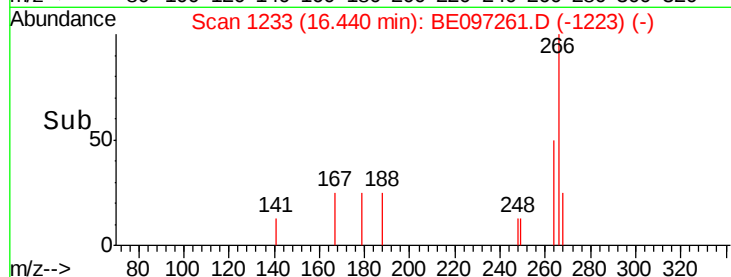
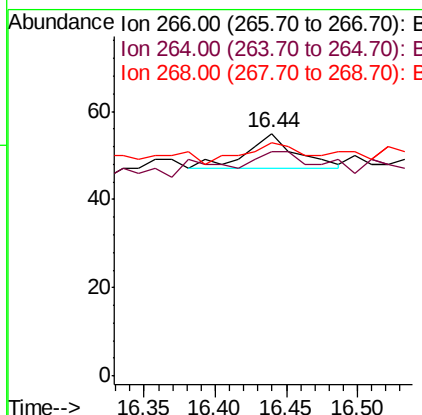
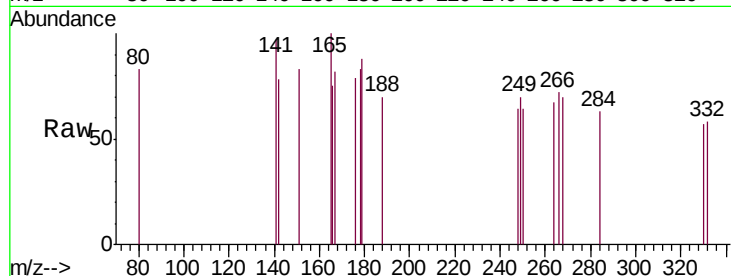




#22
 Pentachlorophenol
 Concen: 0.056 ng
 RT: 16.44 min Scan# 1233
 Delta R.T. 0.01 min
 Lab File: BE097261.D
 Acq: 10 Aug 2018 14:05

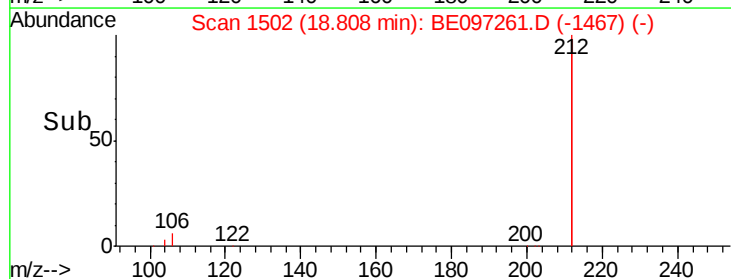
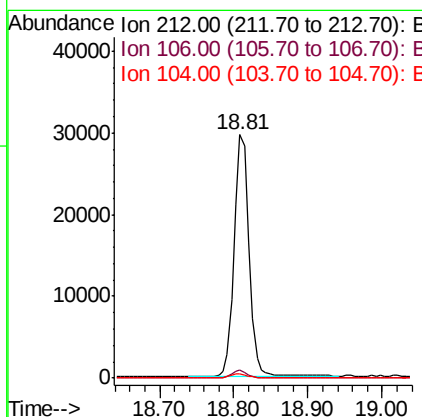
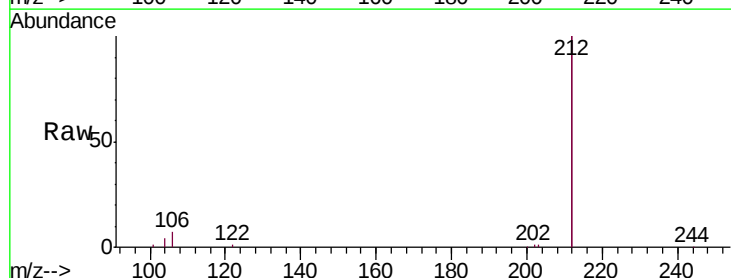
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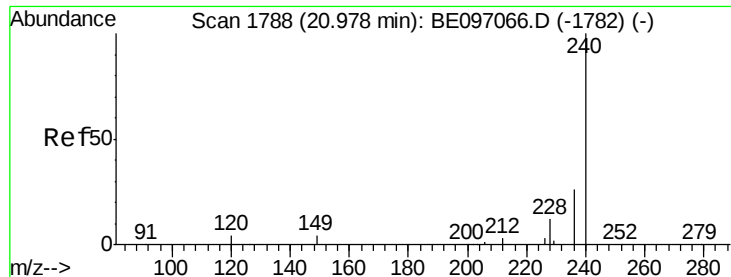
Tgt Ion: 266 Resp: 20
 Ion Ratio Lower Upper
 266 100
 264 92.7 72.5 108.7
 268 96.4 73.8 110.6



#25
 Fluoranthene-d10
 Concen: 0.552 ng
 RT: 18.81 min Scan# 1502
 Delta R.T. -0.00 min
 Lab File: BE097261.D
 Acq: 10 Aug 2018 14:05

Tgt Ion: 212 Resp: 41151
 Ion Ratio Lower Upper
 212 100
 106 3.1 2.8 4.2
 104 1.7 1.6 2.4





#27

Chrysene-d12

Concen: 0.400 ng

RT: 20.98 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BE097261.D

Acq: 10 Aug 2018 14:05

Instrument :

BNA_E

ClientSampleId :

FB-08072018

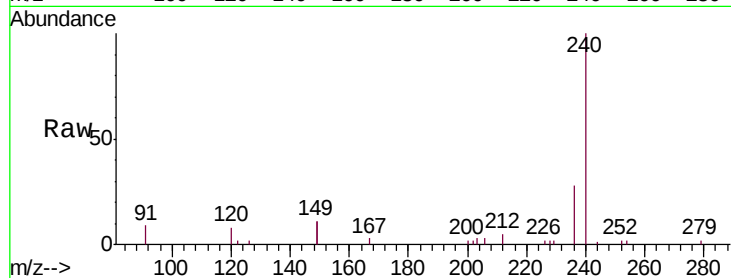
Tgt Ion:240 Resp: 8302

Ion Ratio Lower Upper

240 100

120 7.5 5.5 8.3

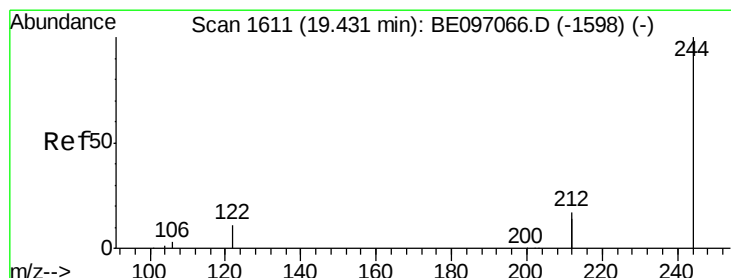
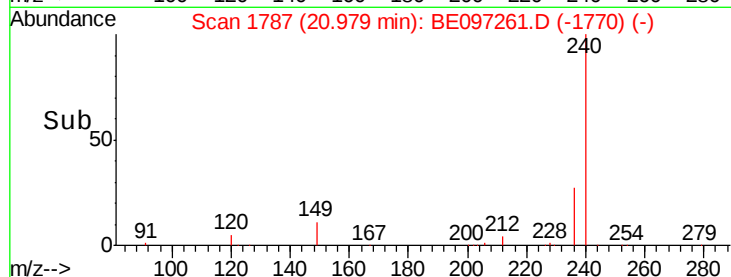
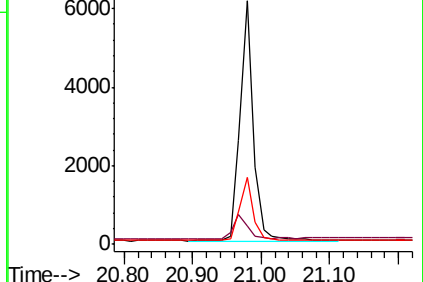
236 27.6 20.7 31.1



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: 0.584 ng

RT: 19.43 min Scan# 1610

Delta R.T. -0.00 min

Lab File: BE097261.D

Acq: 10 Aug 2018 14:05

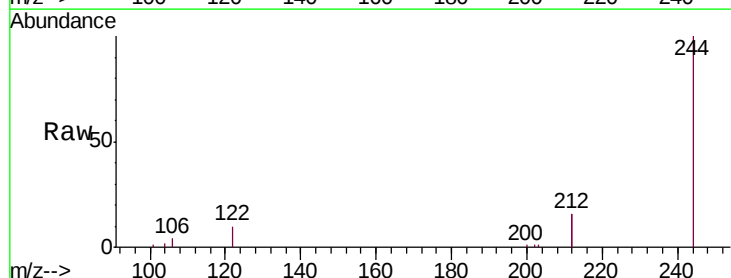
Tgt Ion:244 Resp: 9322

Ion Ratio Lower Upper

244 100

212 32.9 25.4 38.0

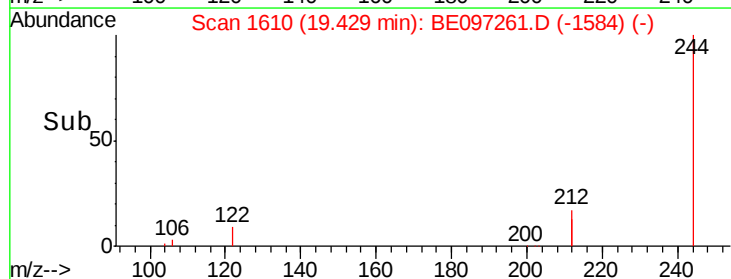
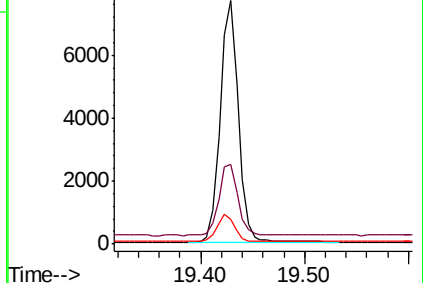
122 10.4 8.1 12.1

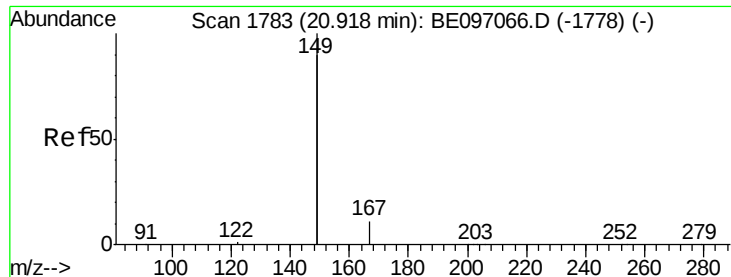


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

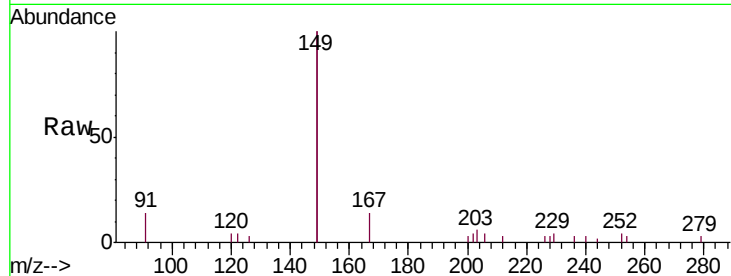




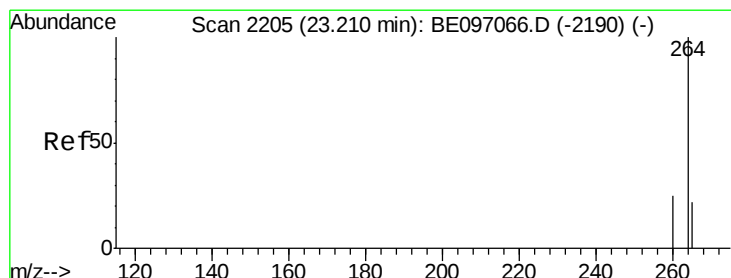
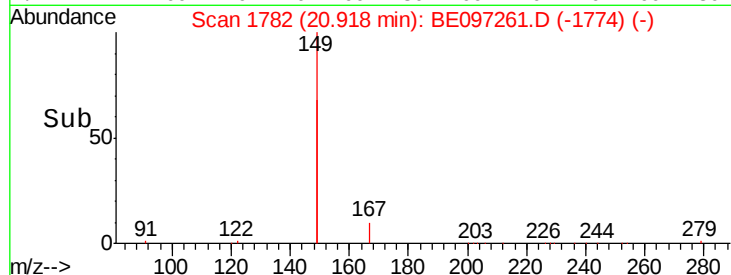
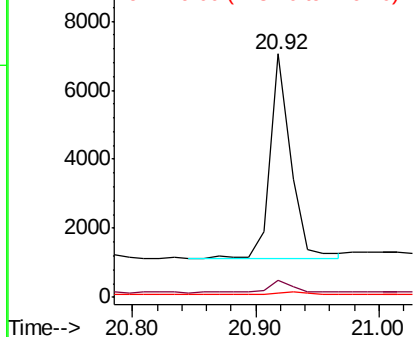
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.324 ng
 RT: 20.92 min Scan# 1782
 Delta R.T. 0.00 min
 Lab File: BE097261.D
 Acq: 10 Aug 2018 14:05

Instrument :
 BNA_E
 ClientSampleId :
 FB-08072018

Tgt Ion:149 Resp: 7003
 Ion Ratio Lower Upper
 149 100
 167 6.8 5.4 8.0
 279 1.6 0.7 1.1#

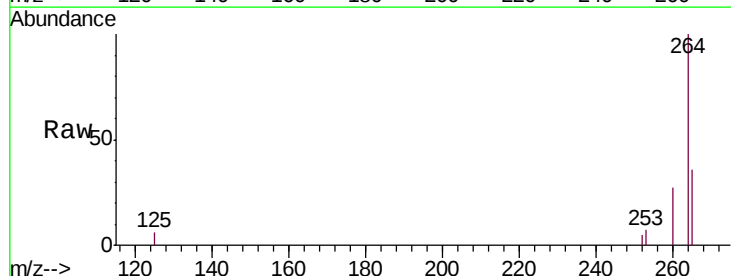


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.22 min Scan# 2206
 Delta R.T. 0.01 min
 Lab File: BE097261.D
 Acq: 10 Aug 2018 14:05

Tgt Ion:264 Resp: 8170
 Ion Ratio Lower Upper
 264 100
 260 27.5 20.5 30.7
 265 36.2 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

