

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071918\
 Data File : BE097012.D
 Acq On : 19 Jul 2018 19:34
 Operator : SJ/JU
 Sample : J4014-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE105D2-071318

Quant Time: Jul 20 05:01:56 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 17 15:02:56 2018
 Response via : Initial Calibration

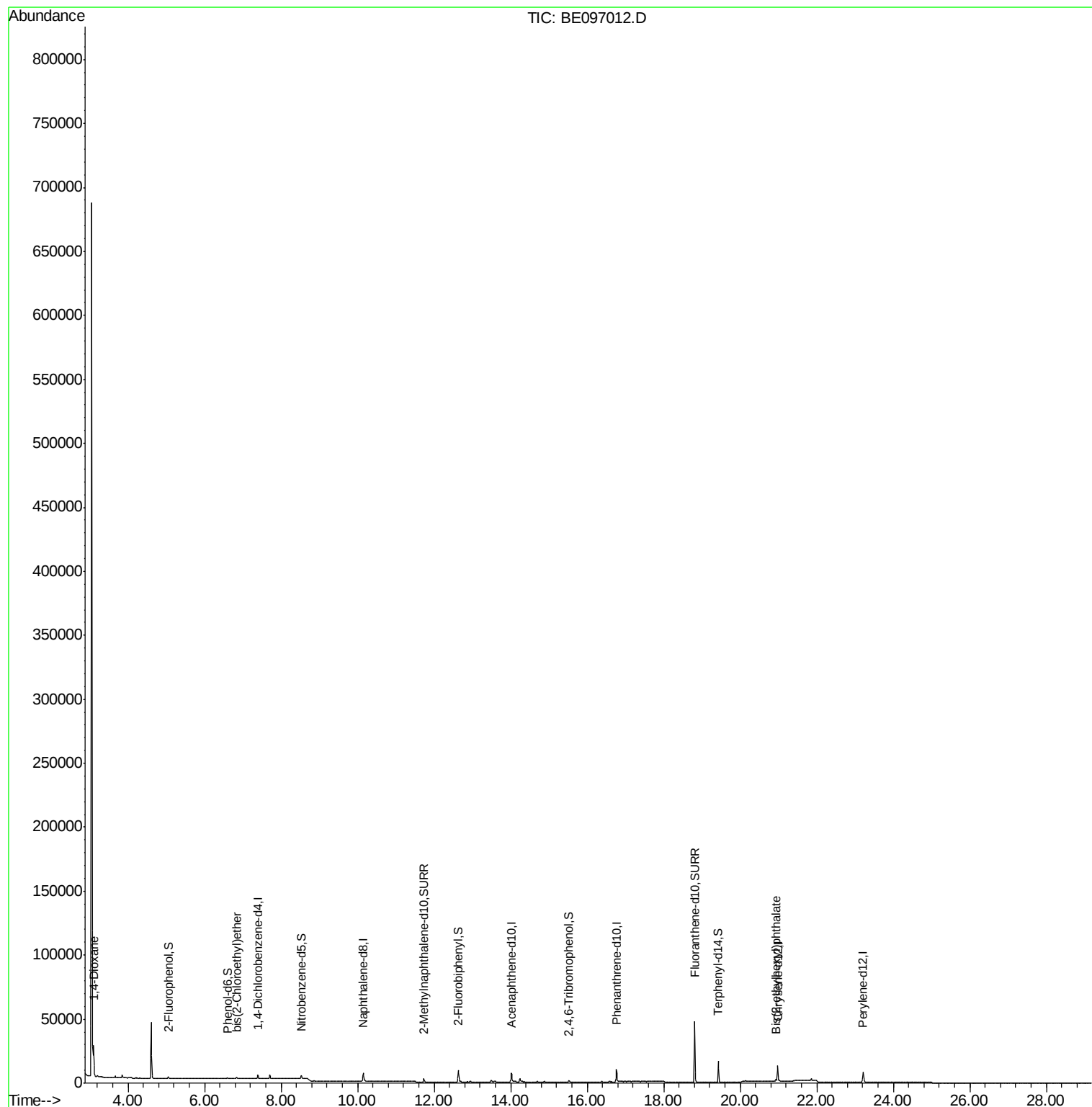
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1536	0.40	ng	-0.01
7) Naphthalene-d8	10.14	136	7140	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	4393	0.40	ng	-0.01
19) Phenanthrene-d10	16.76	188	13077	0.40	ng	-0.01
27) Chrysene-d12	20.98	240	12377	0.40	ng	0.00
34) Perylene-d12	23.21	264	11205	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	732	0.20	ng	0.00
5) Phenol-d6	6.60	99	594	0.11	ng	0.00
8) Nitrobenzene-d5	8.53	82	2419	0.46	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	4202	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	541	0.53	ng	0.00
15) 2-Fluorobiphenyl	12.63	172	8387	0.51	ng	-0.01
25) Fluoranthene-d10	18.81	212	61411	0.54	ng	0.00
29) Terphenyl-d14	19.43	244	13983	0.59	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.09	88	9747	4.433	ng	93
6) bis(2-Chloroethyl)ether	6.84	93	411	0.075	ng	99
32) Bis(2-ethylhexyl)phthalate	20.93	149	2507	0.085	ng	99

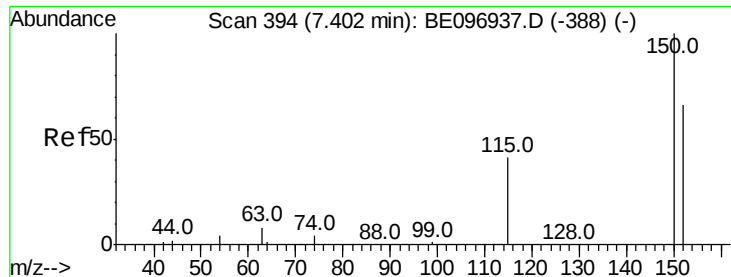
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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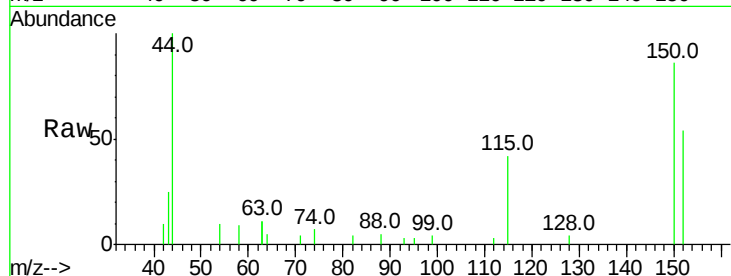


#1

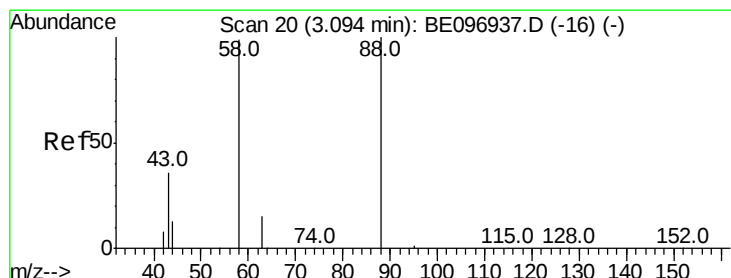
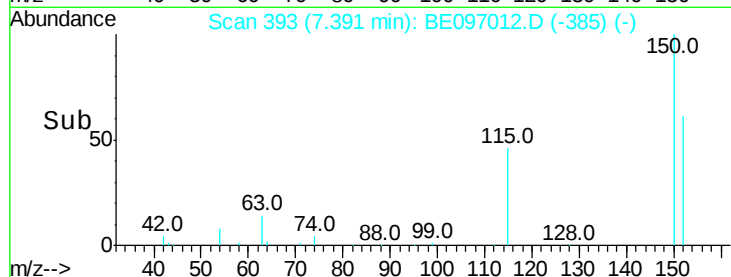
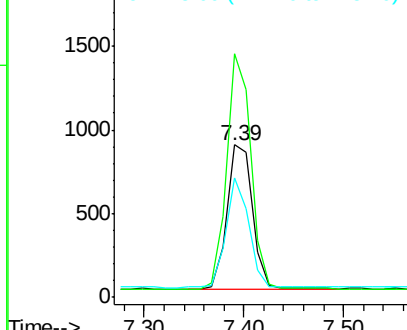
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 393
Delta R.T. -0.01 min
Lab File: BE097012.D
Acq: 19 Jul 2018 19:34

Instrument :
BNA_E
ClientSampleId :
RE105D2-071318

Tot Ion:152 Resp: 1536
Ion Ratio Lower Upper
152 100
150 159.6 117.2 175.8
115 78.5 57.0 85.6



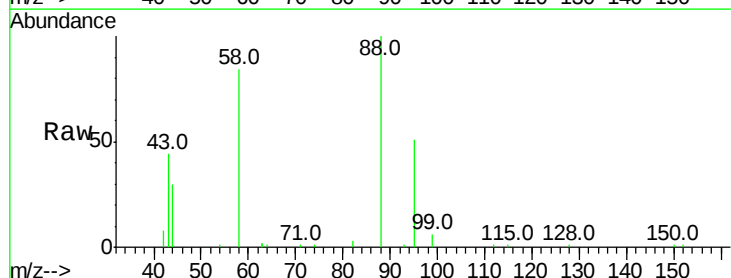
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



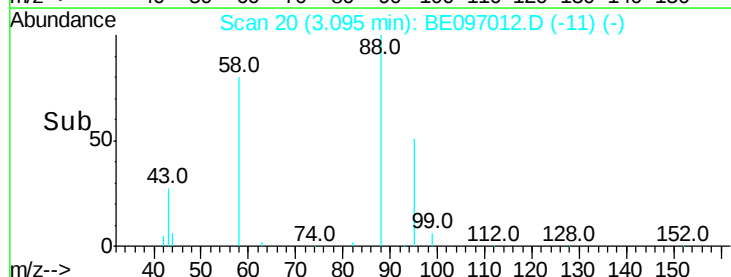
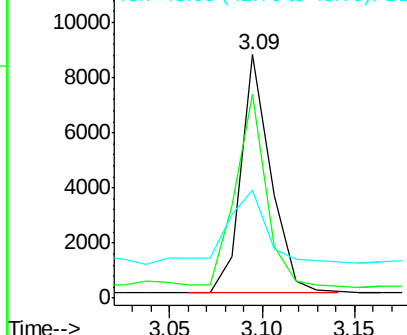
#2

1,4-Dioxane
Concen: 4.433 ng
RT: 3.09 min Scan# 20
Delta R.T. 0.00 min
Lab File: BE097012.D
Acq: 19 Jul 2018 19:34

Tgt Ion: 88 Resp: 9747
Ion Ratio Lower Upper
88 100
58 82.3 63.2 94.8
43 43.3 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





#4

2-Fluorophenol

Concen: 0.199 ng

RT: 5.05 min Scan# 190

Delta R.T. 0.00 min

Lab File: BE097012.D

Acq: 19 Jul 2018 19:34

Instrument :

BNA_E

ClientSampleId :

RE105D2-071318

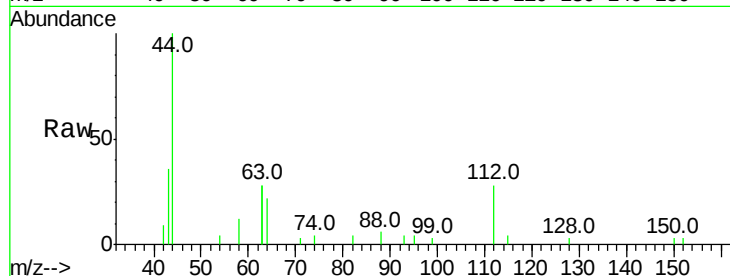
Tot Ion: 112 Resp: 732

Ion Ratio Lower Upper

112 100

64 65.2 60.1 90.1

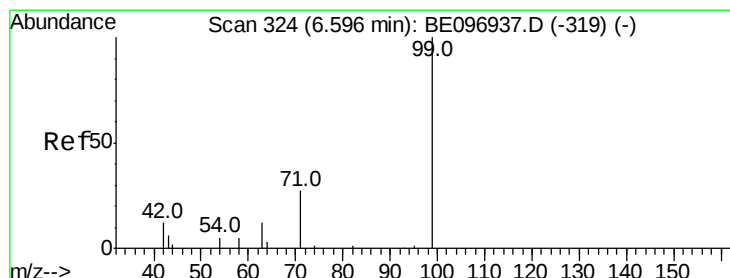
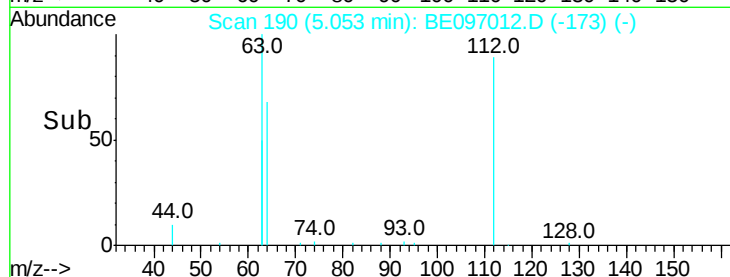
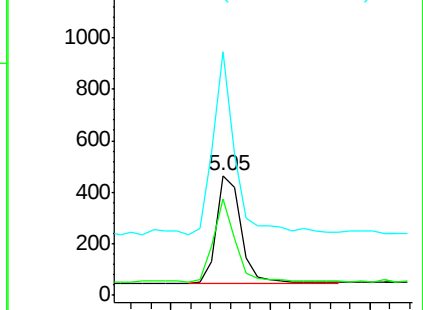
63 149.3 116.8 175.2



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: 0.106 ng

RT: 6.60 min Scan# 324

Delta R.T. 0.00 min

Lab File: BE097012.D

Acq: 19 Jul 2018 19:34

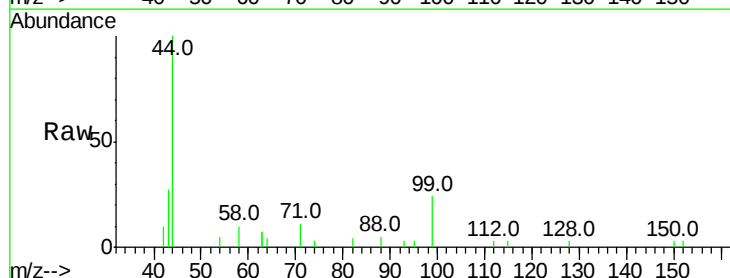
Tgt Ion: 99 Resp: 594

Ion Ratio Lower Upper

99 100

42 23.4 20.2 30.2

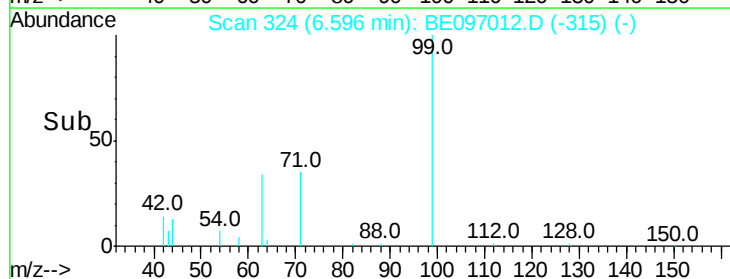
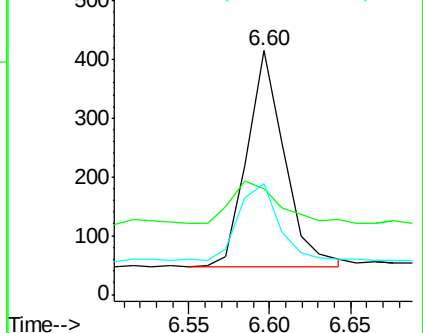
71 39.1 28.4 42.6

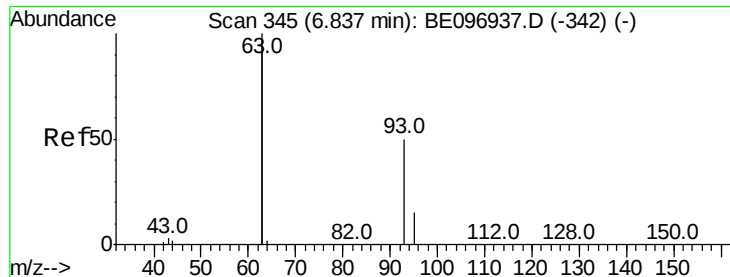


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.075 ng

RT: 6.84 min Scan# 345

Delta R.T. 0.00 min

Lab File: BE097012.D

Acq: 19 Jul 2018 19:34

Instrument :

BNA_E

ClientSampleId :

RE105D2-071318

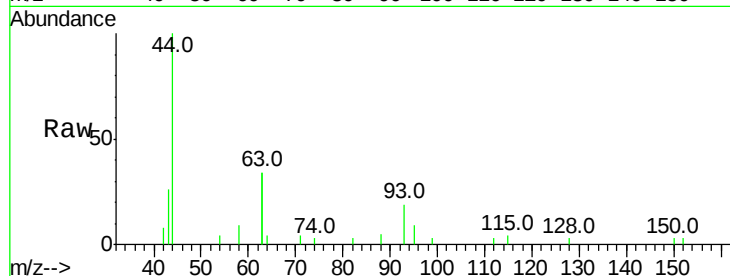
Tot Ion: 93 Resp: 411

Ion Ratio Lower Upper

93 100

63 343.1 275.3 412.9

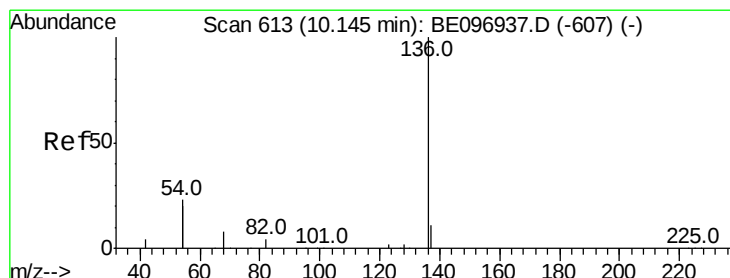
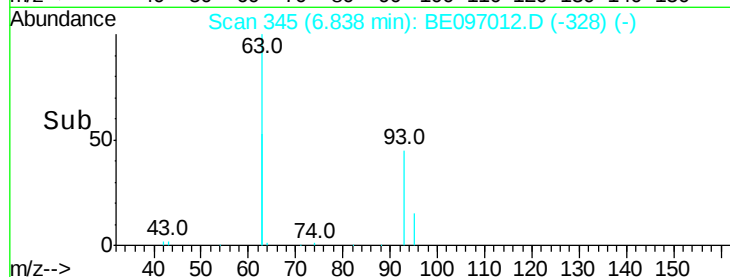
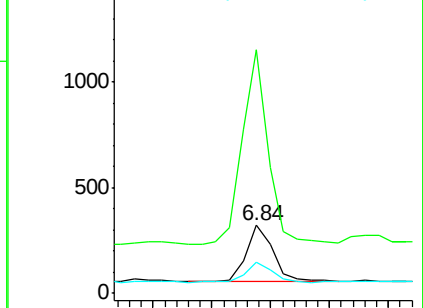
95 35.8 25.2 37.8



Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.14 min Scan# 613

Delta R.T. -0.00 min

Lab File: BE097012.D

Acq: 19 Jul 2018 19:34

Tgt Ion:136 Resp: 7140

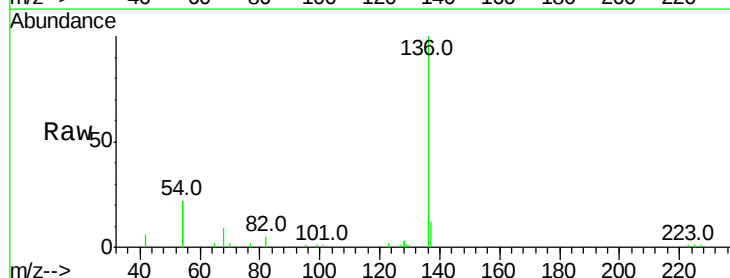
Ion Ratio Lower Upper

136 100

137 11.6 9.5 14.3

54 44.3 29.1 43.7#

68 8.6 6.2 9.2

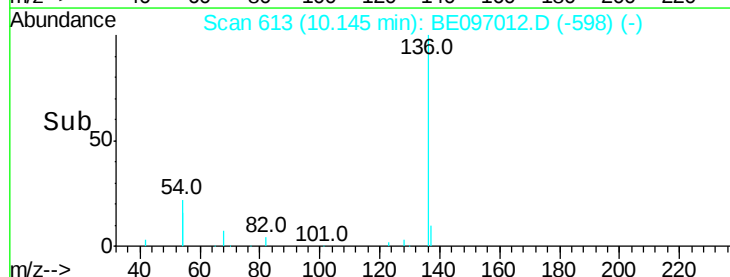
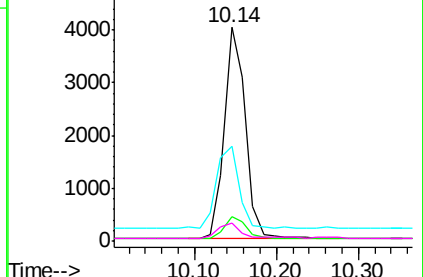


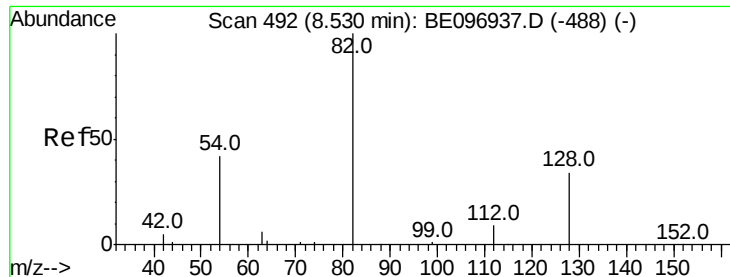
Abundance Ion 136.00 (135.70 to 136.70): E

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

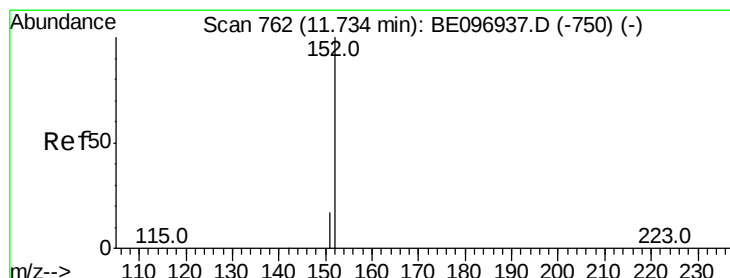
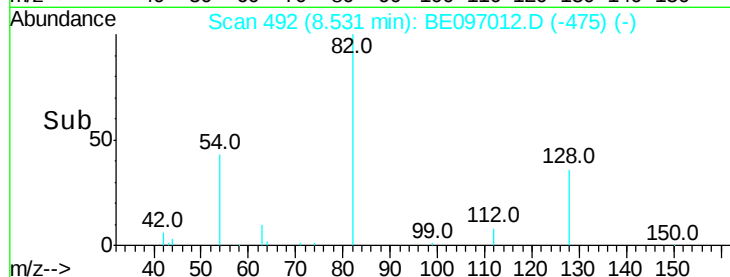
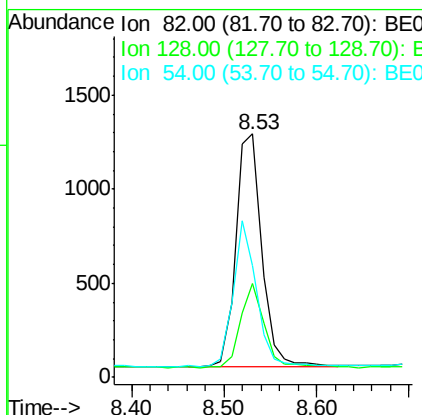
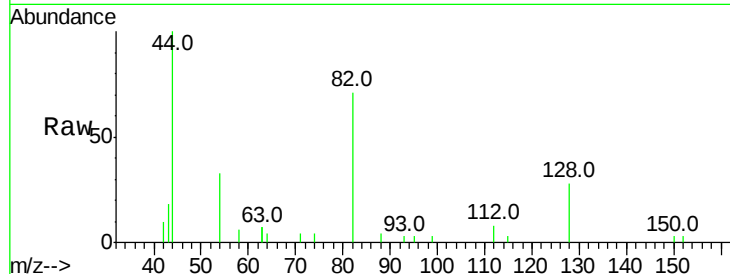




#8
 Nitrobenzene-d5
 Concen: 0.464 ng
 RT: 8.53 min Scan# 492
 Delta R.T. 0.00 min
 Lab File: BE097012.D
 Acq: 19 Jul 2018 19:34

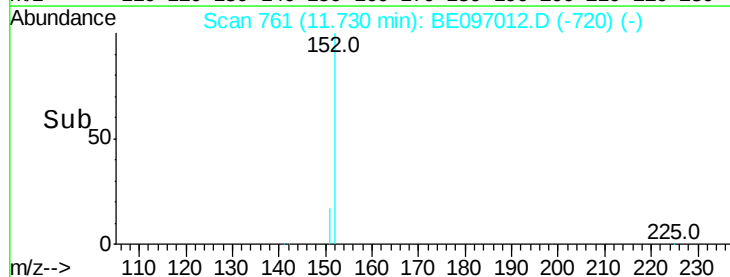
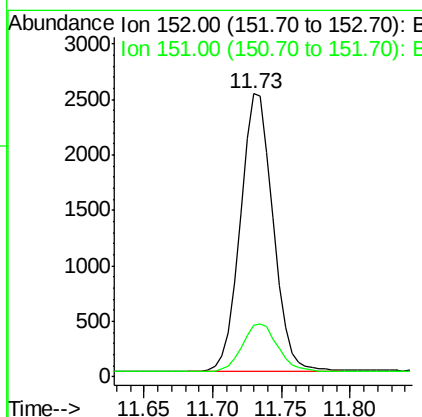
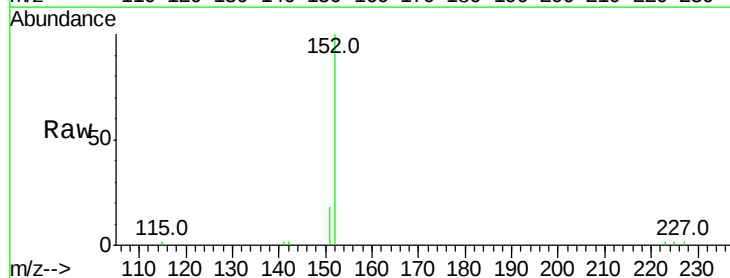
Instrument :
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 ClientSampleId :
 RE105D2-071318

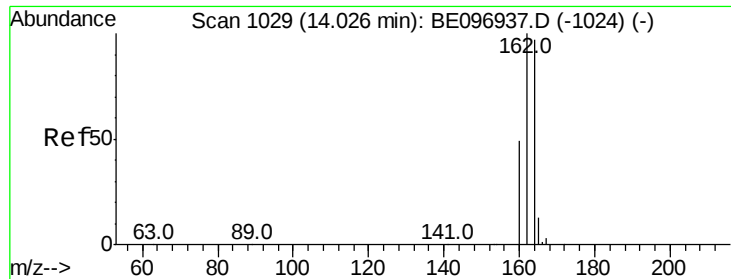
Tot Ion: 82 Resp: 2419
 Ion Ratio Lower Upper
 82 100
 128 38.7 24.0 36.0#
 54 45.9 40.0 60.0



#11
 2-Methylnaphthalene-d10
 Concen: 0.404 ng
 RT: 11.73 min Scan# 761
 Delta R.T. -0.00 min
 Lab File: BE097012.D
 Acq: 19 Jul 2018 19:34

Tgt Ion: 152 Resp: 4202
 Ion Ratio Lower Upper
 152 100
 151 18.5 15.4 23.0

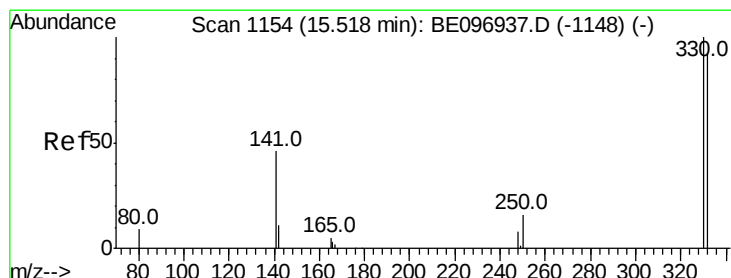
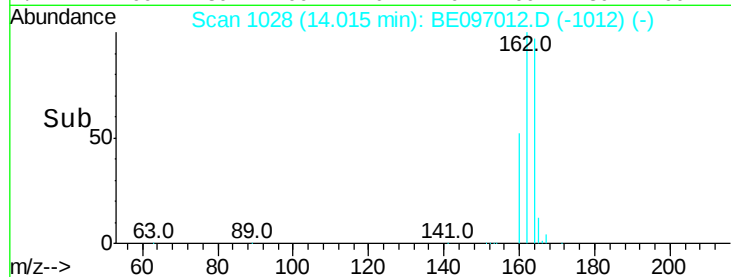
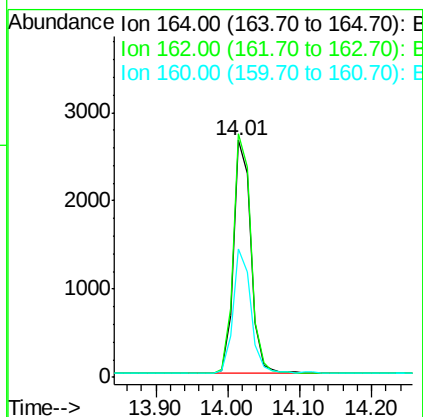
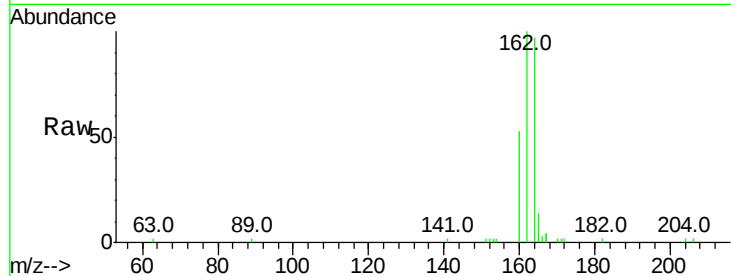




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.01 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BE097012.D
 Acq: 19 Jul 2018 19:34

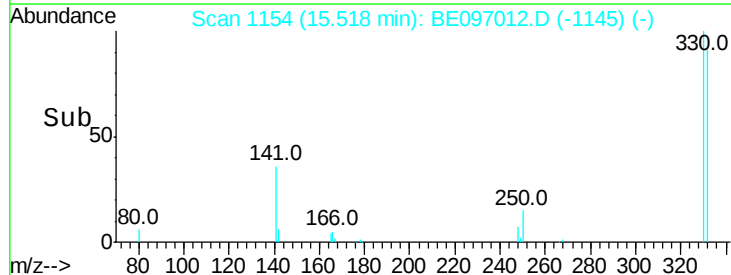
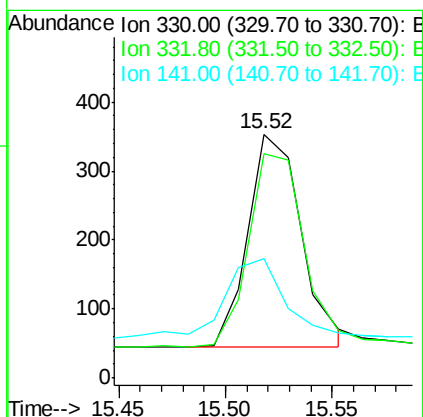
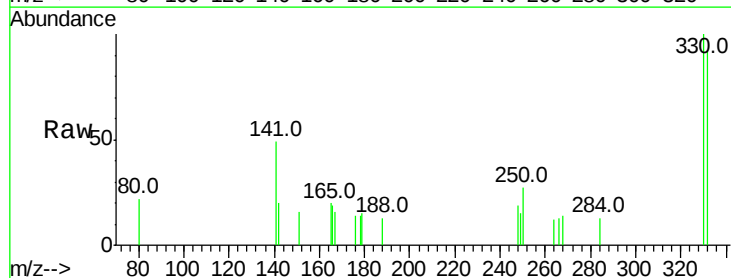
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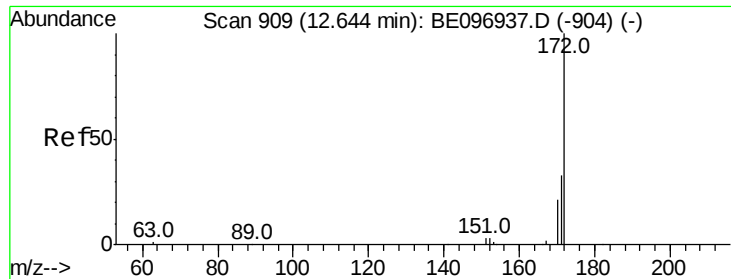
Tot Ion:164 Resp: 4393
 Ion Ratio Lower Upper
 164 100
 162 102.8 83.1 124.7
 160 54.3 37.1 55.7



#14
 2,4,6-Tribromophenol
 Concen: 0.534 ng
 RT: 15.52 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BE097012.D
 Acq: 19 Jul 2018 19:34

Tgt Ion:330 Resp: 541
 Ion Ratio Lower Upper
 330 100
 332 95.2 152.7 229.1#
 141 43.4 33.7 50.5

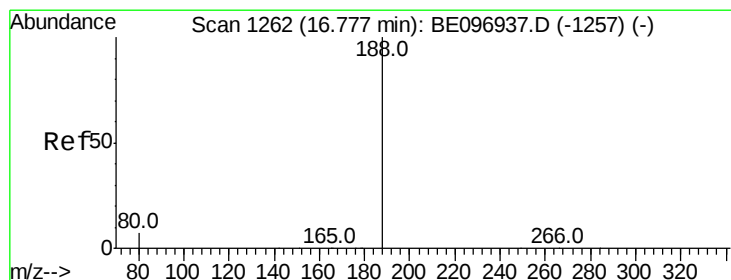
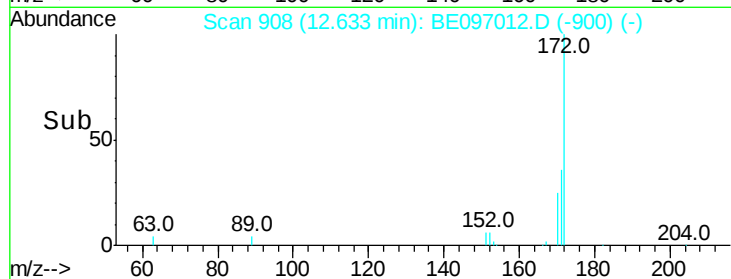
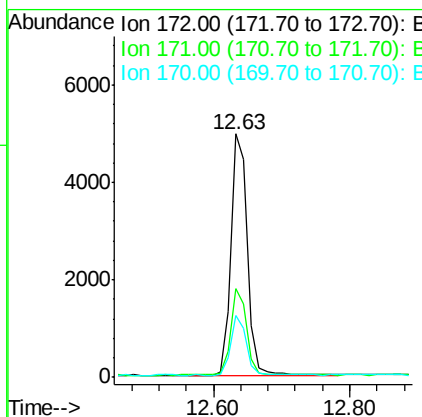
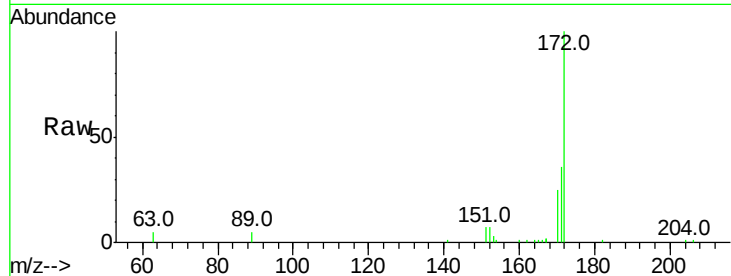




#15
2-Fluorobiphenyl
Concen: 0.513 ng
RT: 12.63 min Scan# 908
Delta R.T. -0.01 min
Lab File: BE097012.D
Acq: 19 Jul 2018 19:34

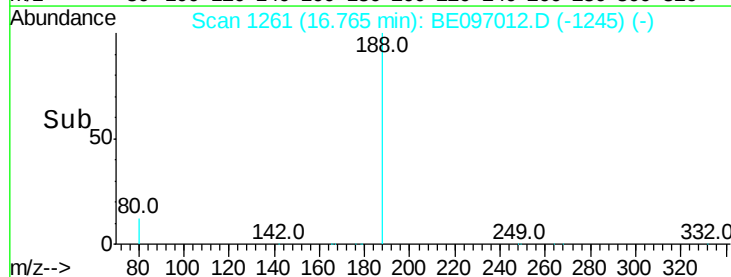
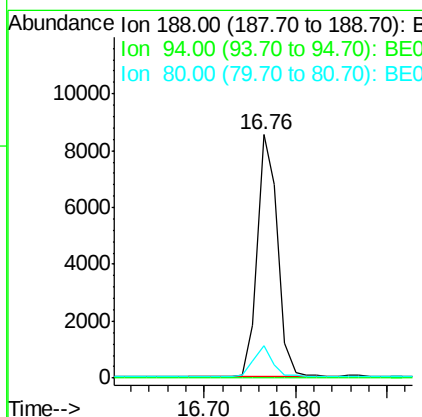
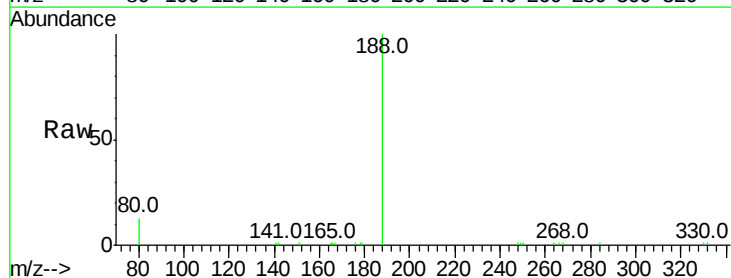
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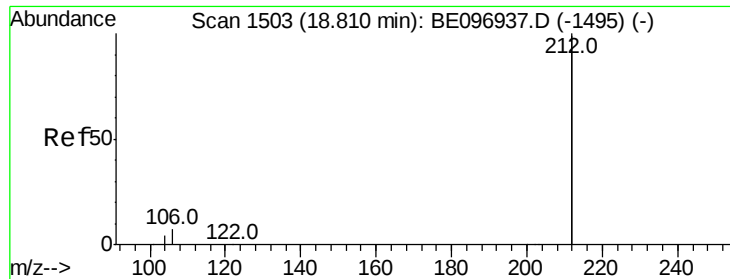
Tot Ion:172 Resp: 8387
Ion Ratio Lower Upper
172 100
171 36.4 29.9 44.9
170 25.5 21.8 32.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.76 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BE097012.D
Acq: 19 Jul 2018 19:34

Tgt Ion:188 Resp: 13077
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 13.1 3.6 5.4#

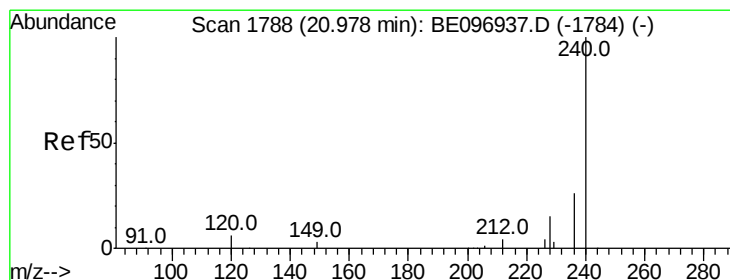
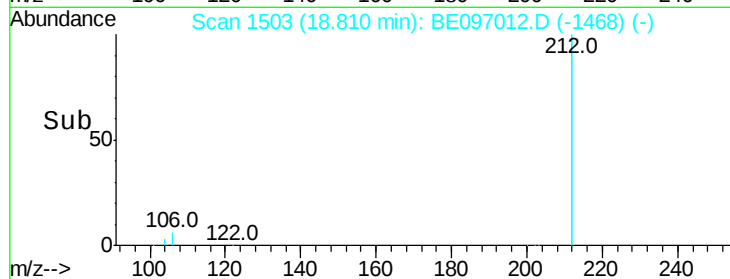
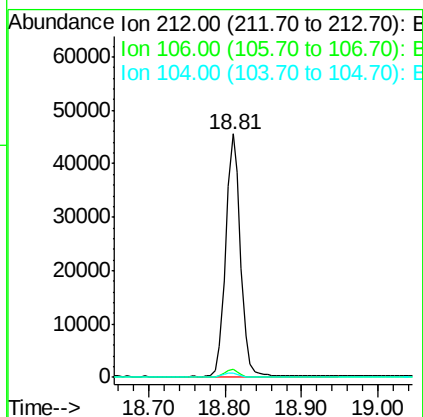
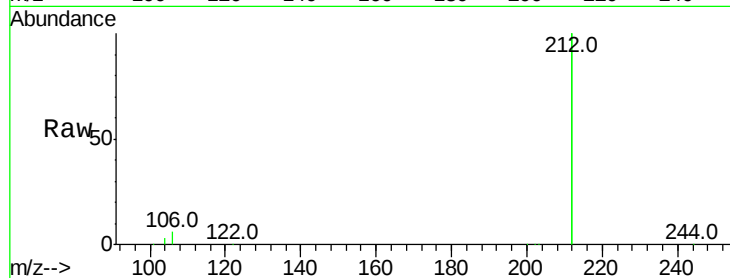




#25
 Fluoranthene-d10
 Concen: 0.540 ng
 RT: 18.81 min Scan# 1503
 Delta R.T. -0.00 min
 Lab File: BE097012.D
 Acq: 19 Jul 2018 19:34

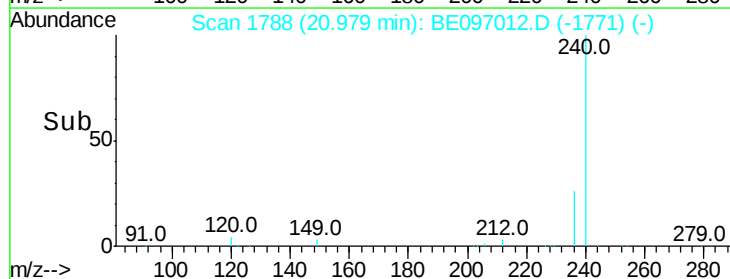
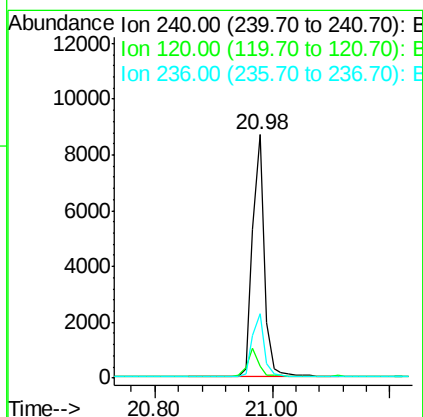
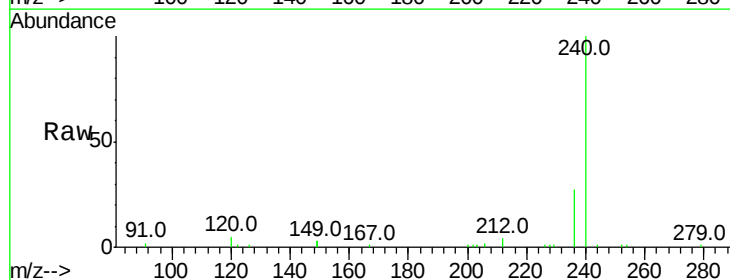
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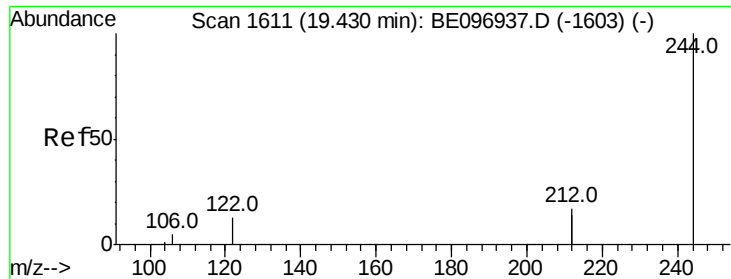
Tot Ion:212 Resp: 61411
 Ion Ratio Lower Upper
 212 100
 106 3.1 2.8 4.2
 104 1.6 1.6 2.4



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 20.98 min Scan# 1788
 Delta R.T. 0.00 min
 Lab File: BE097012.D
 Acq: 19 Jul 2018 19:34

Tgt Ion:240 Resp: 12377
 Ion Ratio Lower Upper
 240 100
 120 4.9 5.5 8.3#
 236 26.6 20.7 31.1

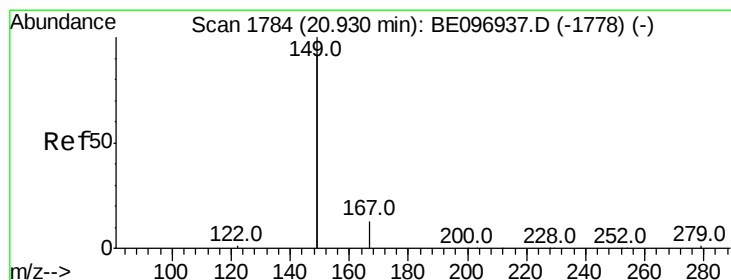
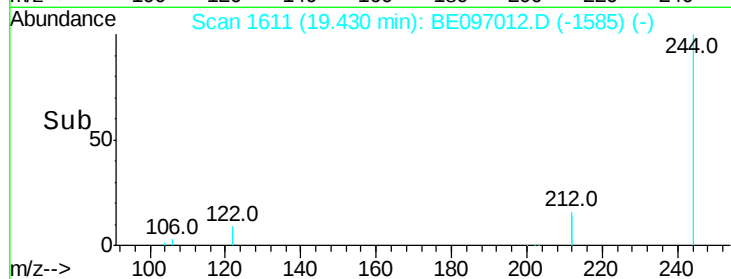
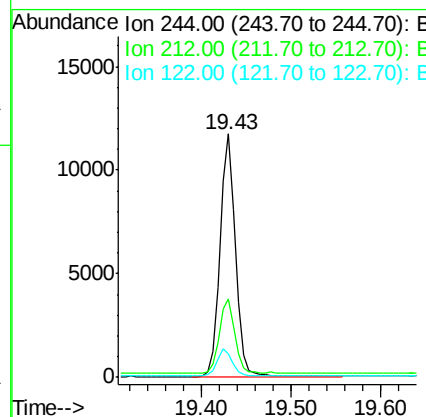
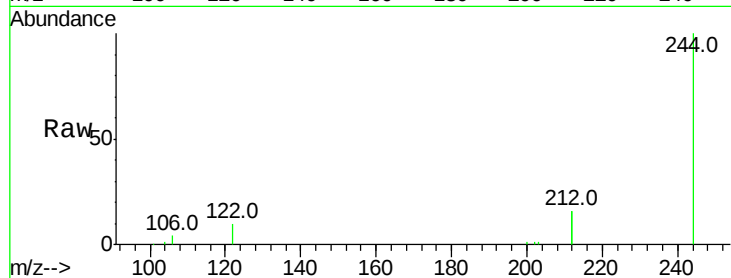




#29
 Terphenyl-d14
 Concen: 0.586 ng
 RT: 19.43 min Scan# 1611
 Delta R.T. -0.00 min
 Lab File: BE097012.D
 Acq: 19 Jul 2018 19:34

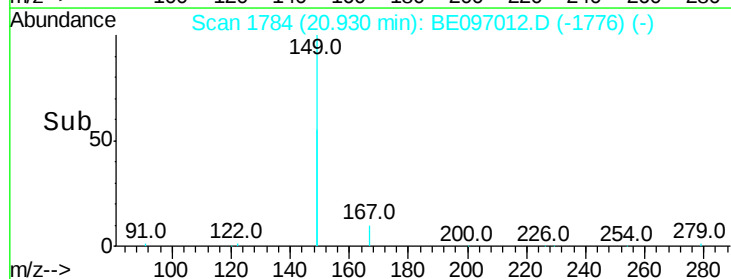
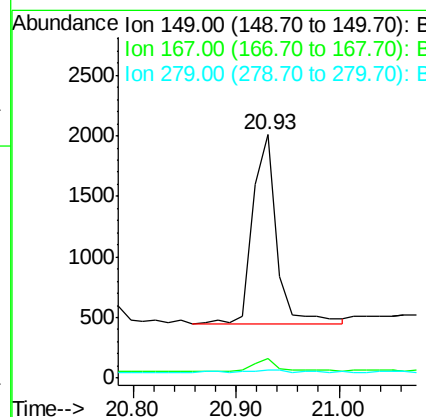
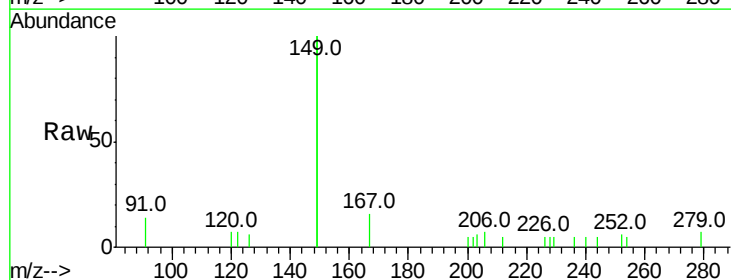
Instrument :
 BNA_E
 ClientSampleId :
 RE105D2-071318

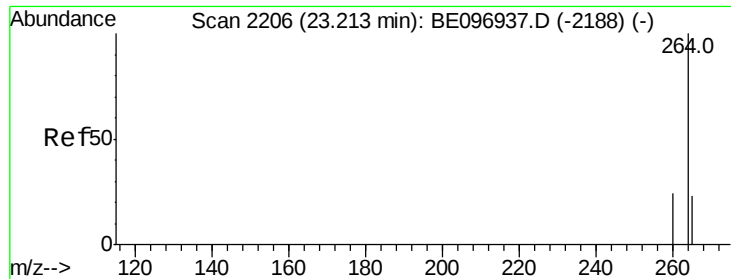
Tot Ion:244 Resp: 13983
 Ion Ratio Lower Upper
 244 100
 212 32.0 25.4 38.0
 122 9.7 8.1 12.1



#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.085 ng
 RT: 20.93 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: BE097012.D
 Acq: 19 Jul 2018 19:34

Tgt Ion:149 Resp: 2507
 Ion Ratio Lower Upper
 149 100
 167 6.1 5.4 8.0
 279 1.1 0.7 1.1

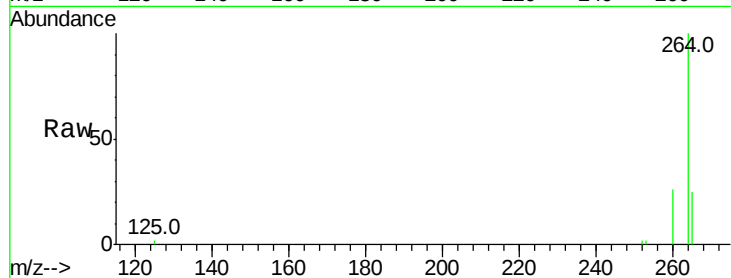




#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2206
Delta R.T. -0.00 min
Lab File: BE097012.D
Acq: 19 Jul 2018 19:34

Instrument :
BNA_E
ClientSampleId :
RE105D2-071318

Tot Ion:	264	Resp:	11205
Ion	Ratio	Lower	Upper
264	100		
260	26.0	20.5	30.7
265	25.5	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

