

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101618\
 Data File : BE097923.D
 Acq On : 16 Oct 2018 23:09
 Operator : SJ/JU
 Sample : J5393-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE137-700FT-20181009

Quant Time: Oct 17 07:59:59 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE101618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 15:36:44 2018
 Response via : Initial Calibration

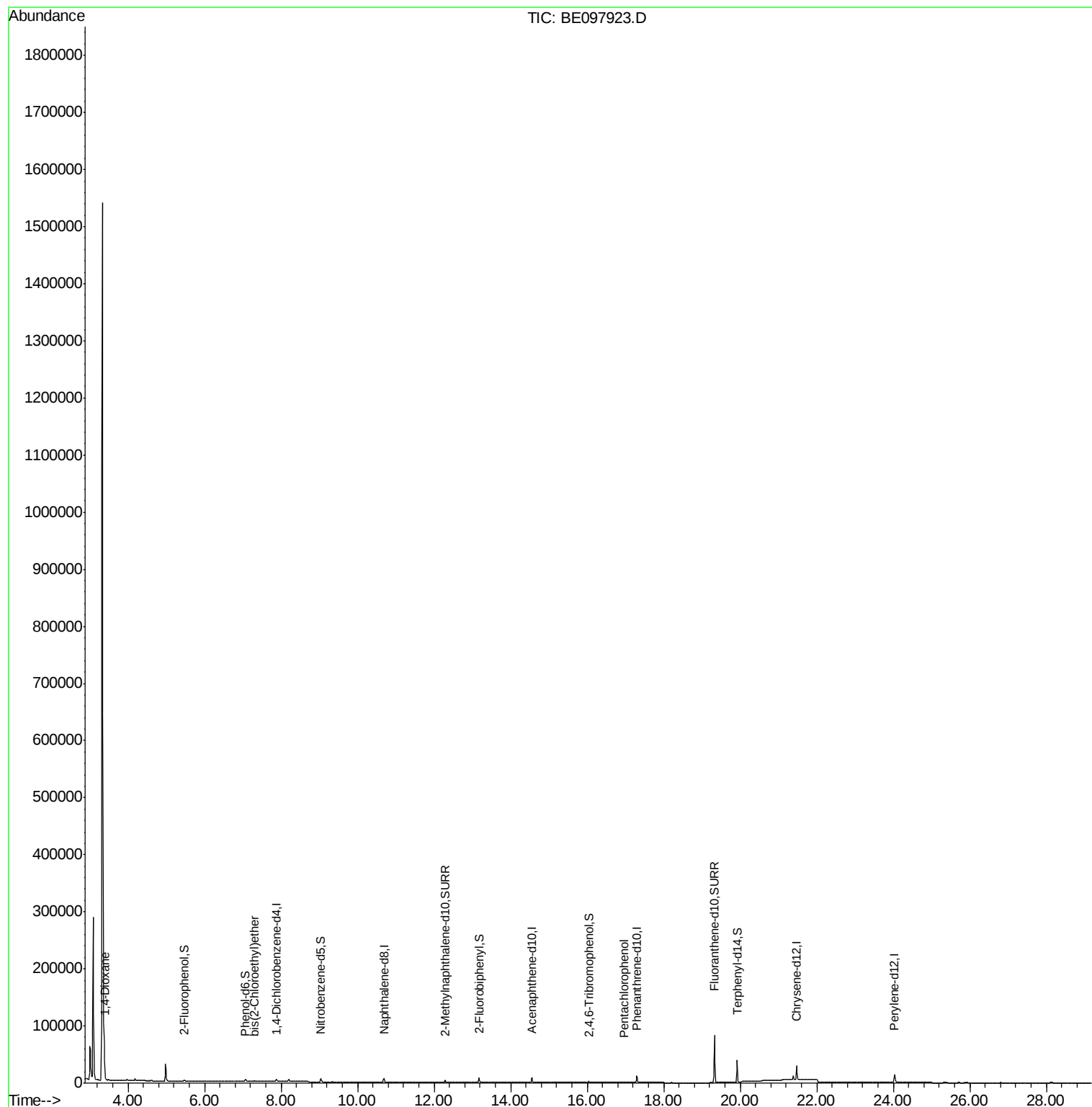
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	1932	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	8085	0.40	ng	0.00
13) Acenaphthene-d10	14.56	164	5431	0.40	ng	0.00
19) Phenanthrene-d10	17.29	188	17868	0.40	ng	-0.01
27) Chrysene-d12	21.48	240	24343	0.40	ng	-0.01
34) Perylene-d12	24.03	264	19329	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	1159	0.19	ng	0.00
5) Phenol-d6	7.06	99	984	0.11	ng	0.00
8) Nitrobenzene-d5	9.04	82	2769	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.28	152	5049	0.38	ng	-0.02
14) 2,4,6-Tribromophenol	16.04	330	1155	0.40	ng	0.00
15) 2-Fluorobiphenyl	13.17	172	8836	0.40	ng	0.00
25) Fluoranthene-d10	19.33	212	105696	0.44	ng	0.00
29) Terphenyl-d14	19.92	244	35040	0.63	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.38	88	18236	5.414	ng	95
6) bis(2-Chloroethyl)ether	7.30	93	451	0.059	ng	89
22) Pentachlorophenol	16.97	266	10	0.034	ng	# 62
32) Bis(2-ethylhexyl)phthalate	21.39	149	9357	Below Cal		99
33) Indeno(1,2,3-cd)pyrene	26.73	276	13	Below Cal	#	1

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

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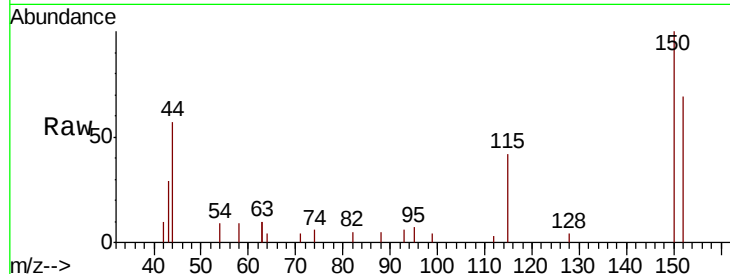


#1

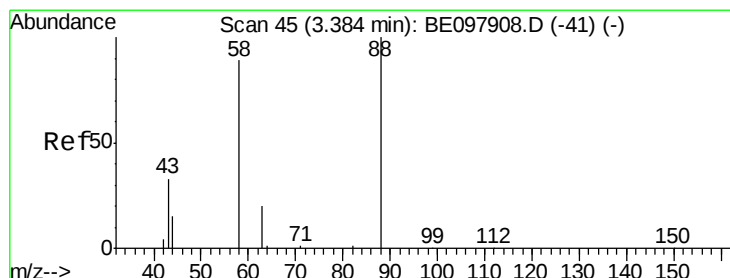
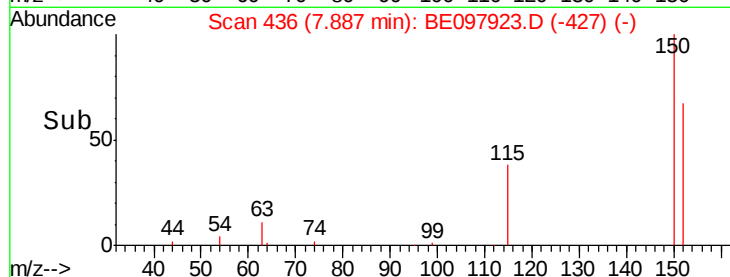
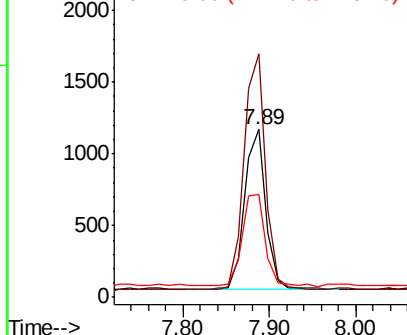
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.89 min Scan# 436
Delta R.T. 0.00 min
Lab File: BE097923.D
Acq: 16 Oct 2018 23:09

Instrument :
BNA_E
ClientSampleId :
RE137-700FT-20181009

Tot Ion:152 Resp: 1932
Ion Ratio Lower Upper
152 100
150 145.4 118.2 177.4
115 61.1 50.9 76.3



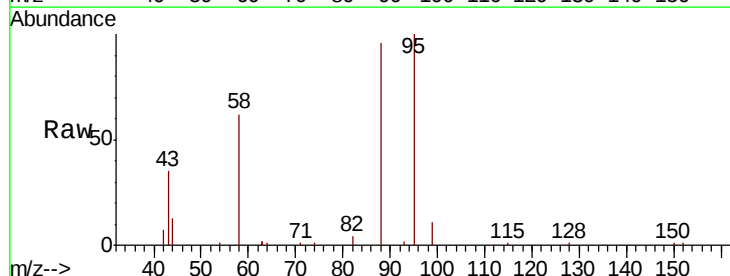
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



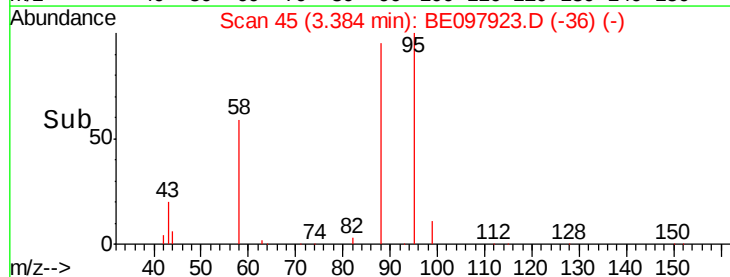
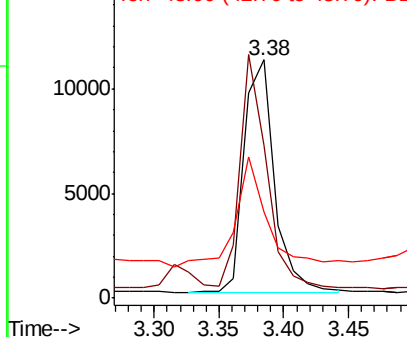
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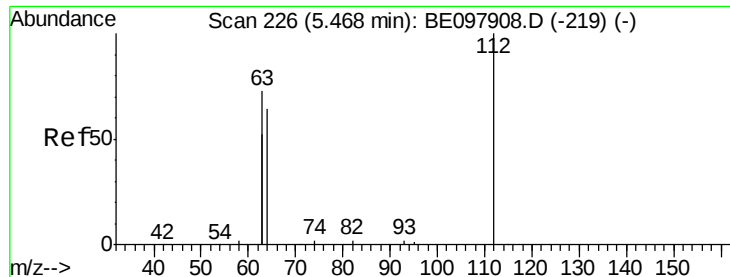
1,4-Dioxane
Concen: 5.414 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.00 min
Lab File: BE097923.D
Acq: 16 Oct 2018 23:09

Tgt Ion: 88 Resp: 18236
Ion Ratio Lower Upper
88 100
58 85.8 73.2 109.8
43 47.8 36.9 55.3



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: 0.190 ng

RT: 5.47 min Scan# 226

Delta R.T. 0.00 min

Lab File: BE097923.D

Acq: 16 Oct 2018 23:09

Instrument :

BNA_E

ClientSampleId :

RE137-700FT-20181009

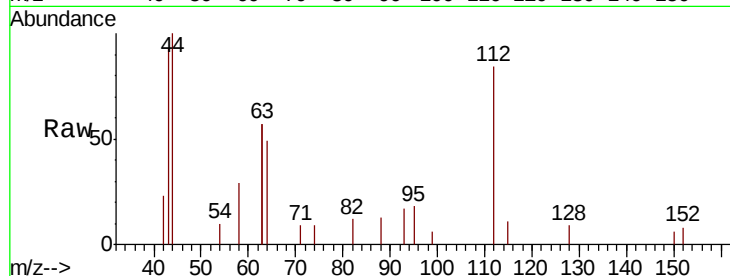
Tot Ion: 112 Resp: 1159

Ion Ratio Lower Upper

112 100

64 68.8 58.9 88.3

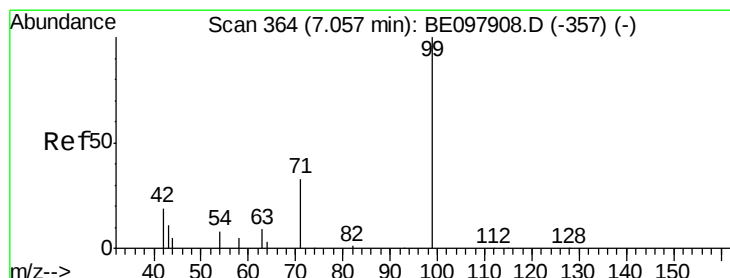
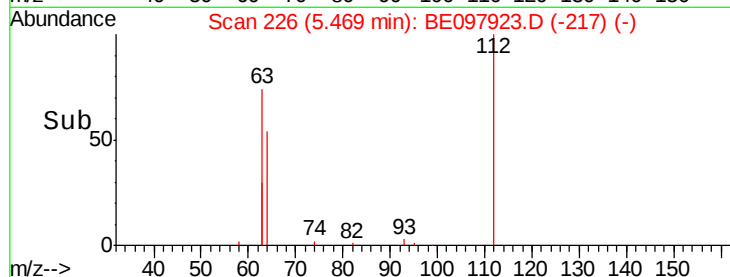
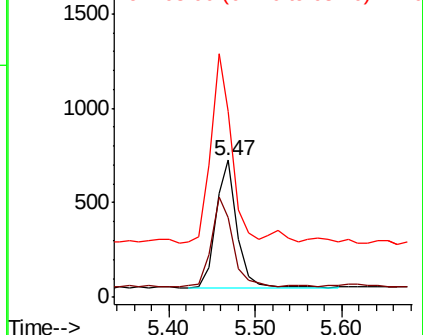
63 143.7 120.3 180.5



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: 0.109 ng

RT: 7.06 min Scan# 364

Delta R.T. 0.00 min

Lab File: BE097923.D

Acq: 16 Oct 2018 23:09

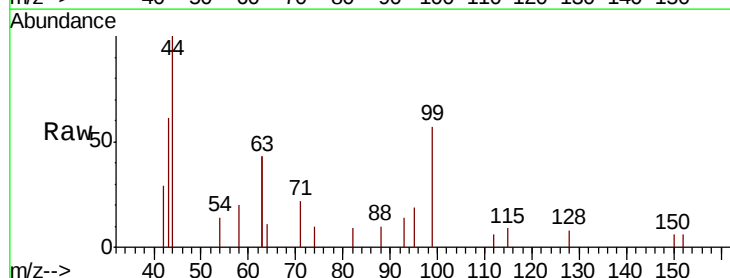
Tgt Ion: 99 Resp: 984

Ion Ratio Lower Upper

99 100

42 48.4 19.9 29.9#

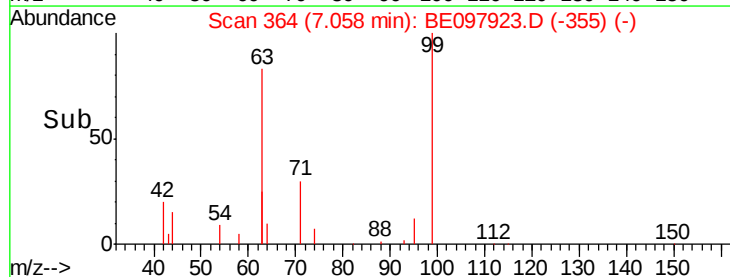
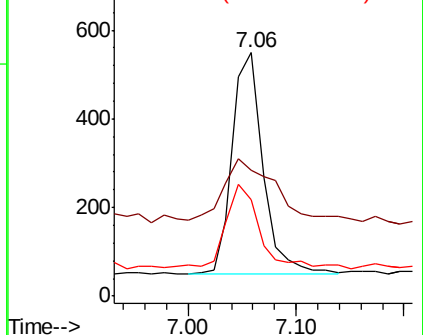
71 41.9 27.8 41.8#

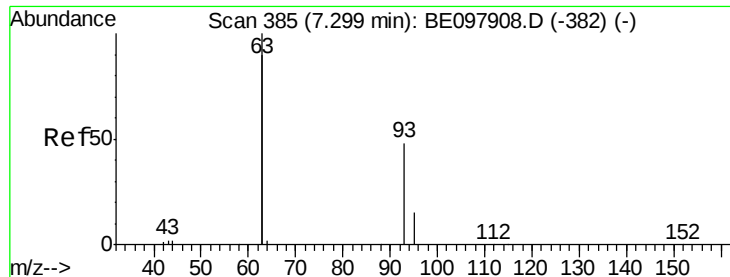


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.059 ng

RT: 7.30 min Scan# 385

Delta R.T. 0.00 min

Lab File: BE097923.D

Acq: 16 Oct 2018 23:09

Instrument :

BNA_E

ClientSampleId :

RE137-700FT-20181009

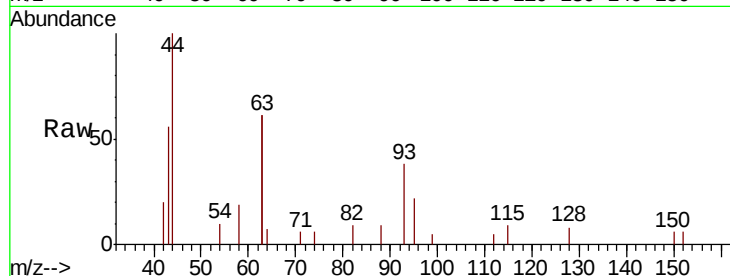
Tot Ion: 93 Resp: 451

Ion Ratio Lower Upper

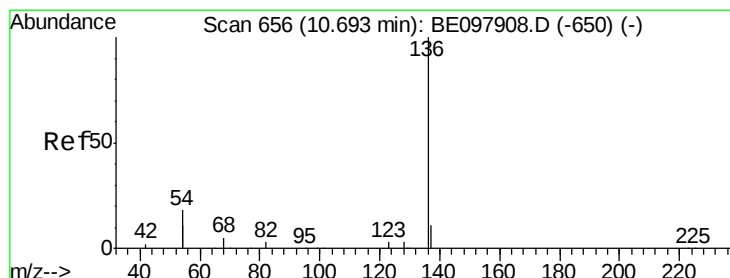
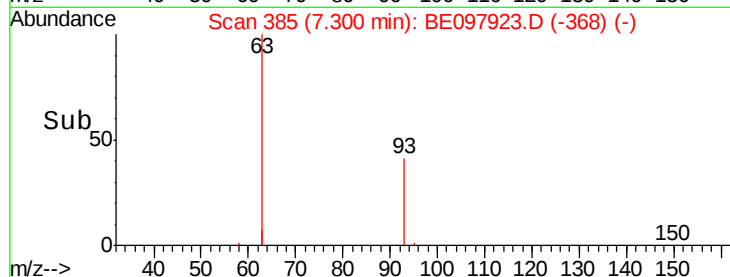
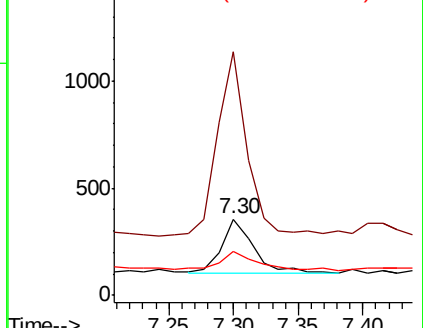
93 100

63 299.1 259.0 388.4

95 38.4 27.8 41.8



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: 10.69 min Scan# 656

Delta R.T. -0.00 min

Lab File: BE097923.D

Acq: 16 Oct 2018 23:09

Tgt Ion:136 Resp: 8085

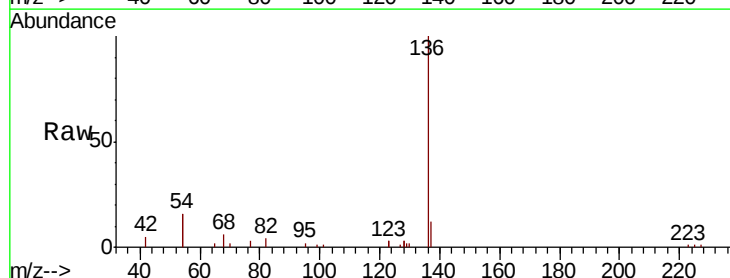
Ion Ratio Lower Upper

136 100

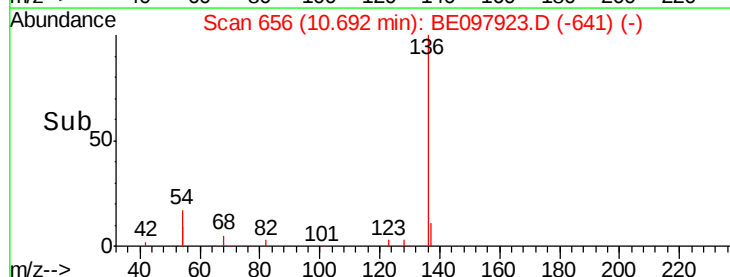
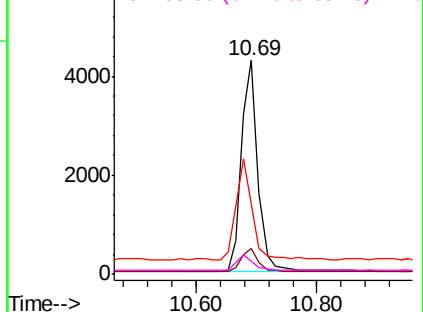
137 12.1 9.6 14.4

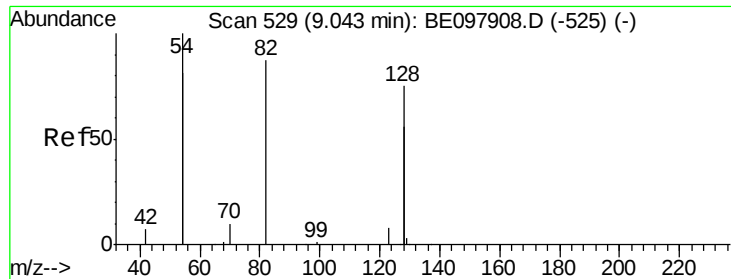
54 32.8 27.7 41.5

68 6.2 5.3 7.9



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

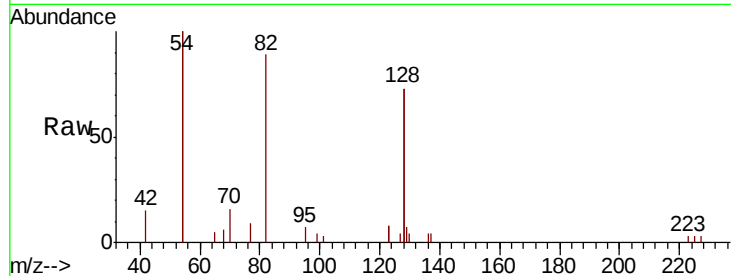




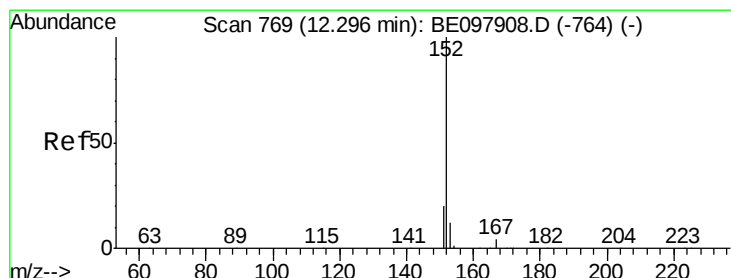
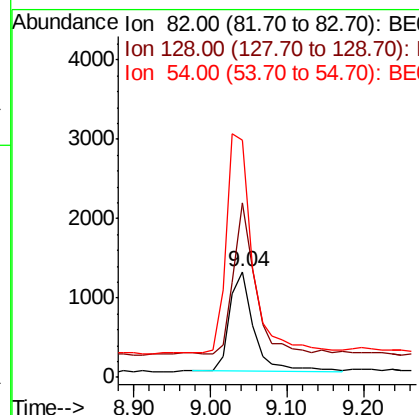
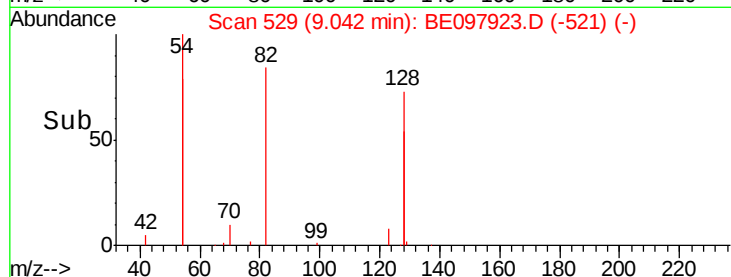
#8
 Nitrobenzene-d5
 Concen: 0.362 ng
 RT: 9.04 min Scan# 529
 Delta R.T. -0.00 min
 Lab File: BE097923.D
 Acq: 16 Oct 2018 23:09

Instrument :
 BNA_E
 ClientSampleId :
 RE137-700FT-20181009

Tot Ion	Ratio	Lower	Upper
82	100		
128	164.6	129.9	194.9
54	224.2	174.0	261.0

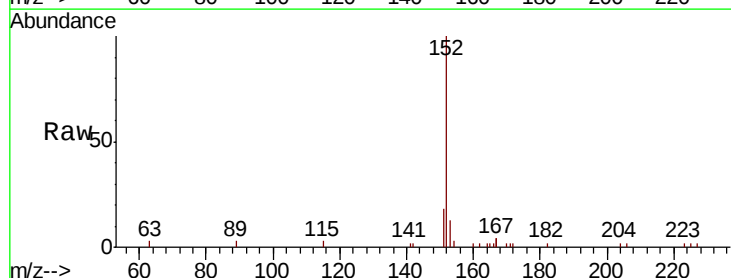


Abundance Ion 82.00 (81.70 to 82.70): BE0
 Ion 128.00 (127.70 to 128.70): BE0
 Ion 54.00 (53.70 to 54.70): BE0

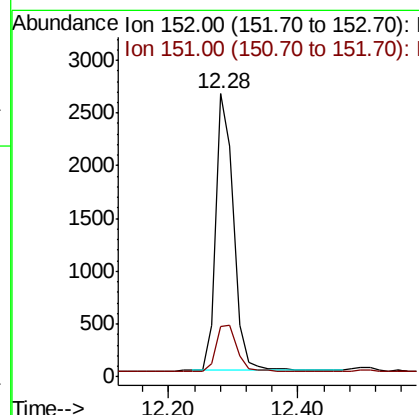
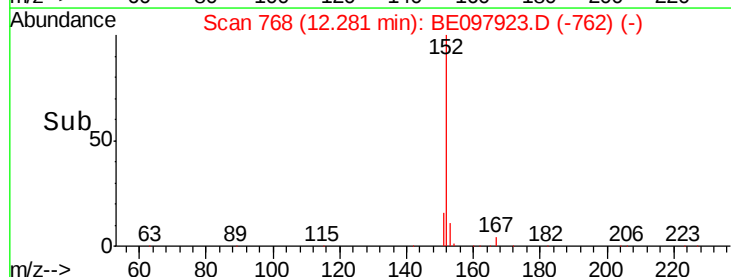


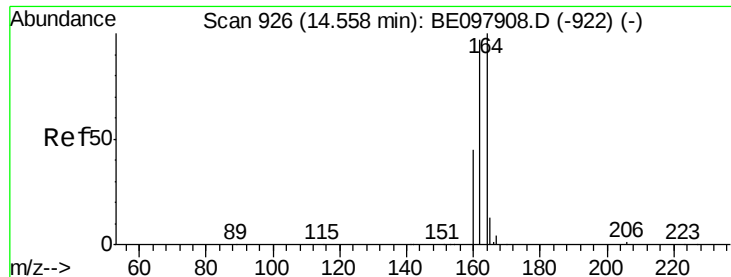
#11
 2-Methylnaphthalene-d10
 Concen: 0.375 ng
 RT: 12.28 min Scan# 768
 Delta R.T. -0.02 min
 Lab File: BE097923.D
 Acq: 16 Oct 2018 23:09

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.2	24.4



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: 14.56 min Scan# 926

Delta R.T. -0.00 min

Lab File: BE097923.D

Acq: 16 Oct 2018 23:09

Instrument :

BNA_E

ClientSampleId :

RE137-700FT-20181009

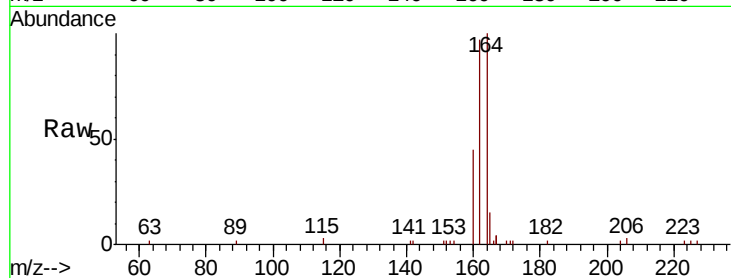
Tot Ion:164 Resp: 5431

Ion Ratio Lower Upper

164 100

162 97.0 77.4 116.2

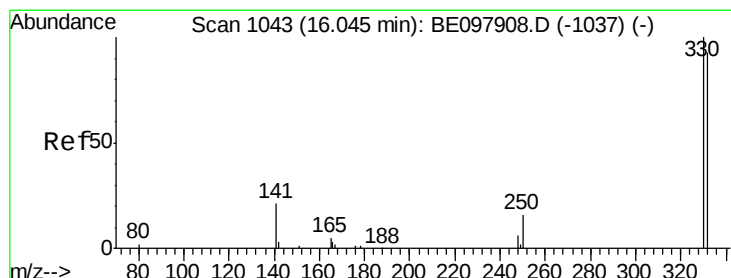
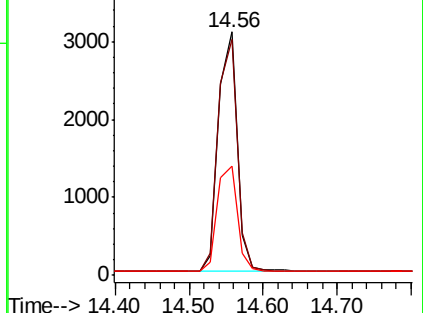
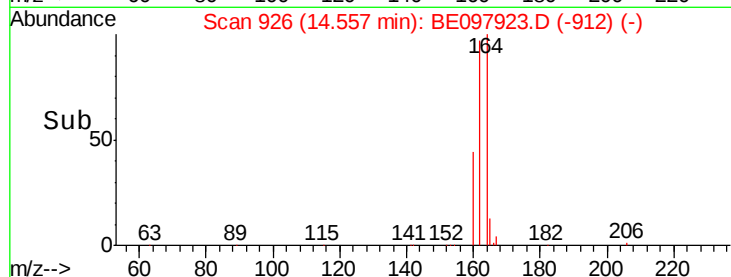
160 44.8 36.5 54.7



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: 0.395 ng

RT: 16.04 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BE097923.D

Acq: 16 Oct 2018 23:09

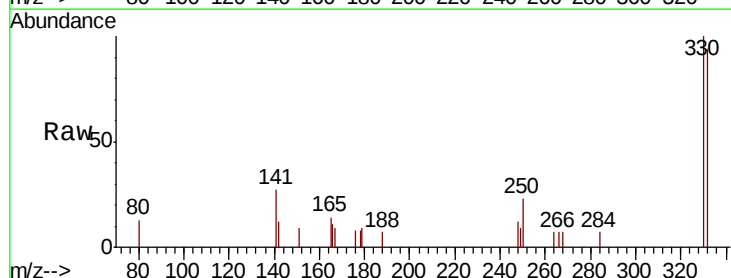
Tgt Ion:330 Resp: 1155

Ion Ratio Lower Upper

330 100

332 97.7 76.5 114.7

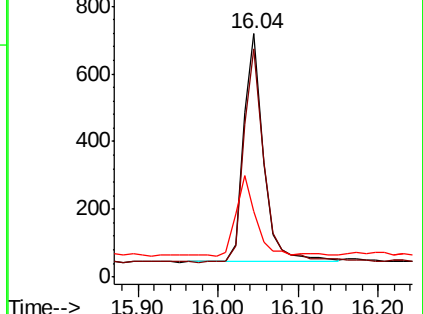
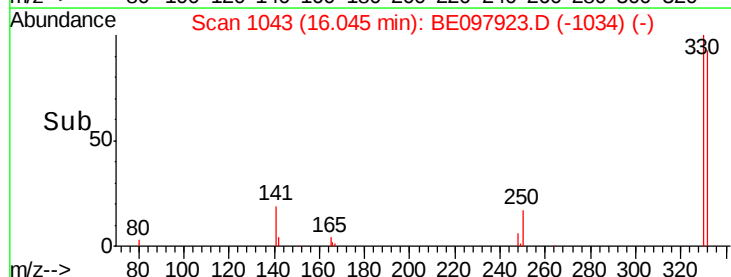
141 34.7 31.8 47.6

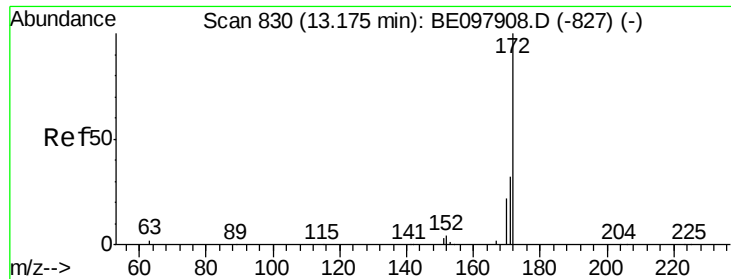


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

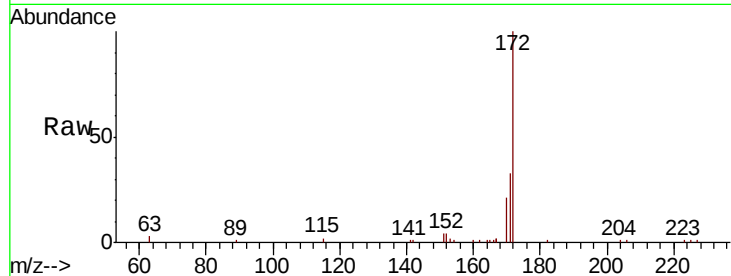




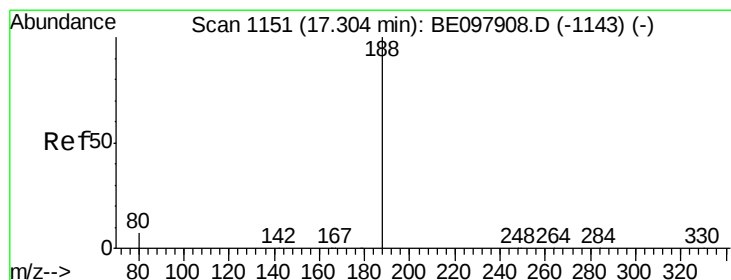
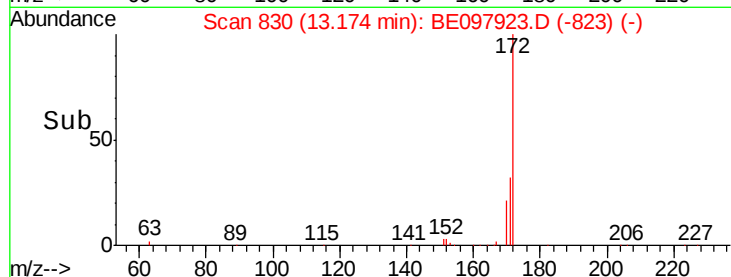
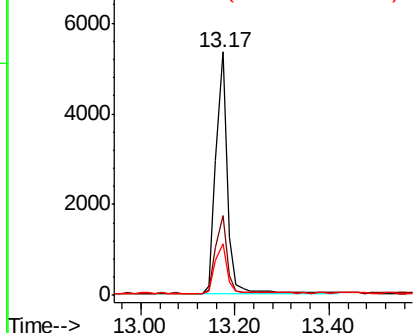
#15
2-Fluorobiphenyl
Concen: 0.398 ng
RT: 13.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BE097923.D
Acq: 16 Oct 2018 23:09

Instrument :
BNA_E
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RE137-700FT-20181009

Tot Ion:172 Resp: 8836
Ion Ratio Lower Upper
172 100
171 32.6 26.0 39.0
170 21.3 18.0 27.0

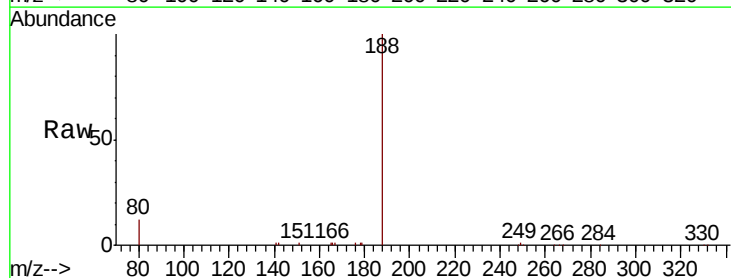


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

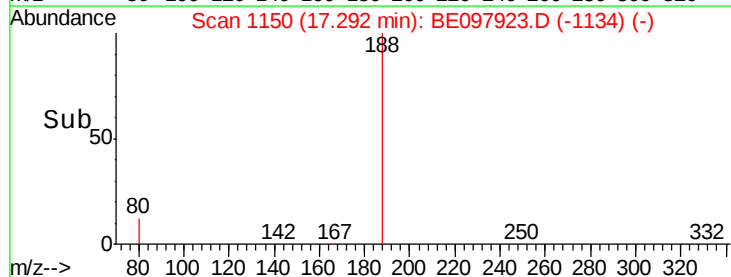
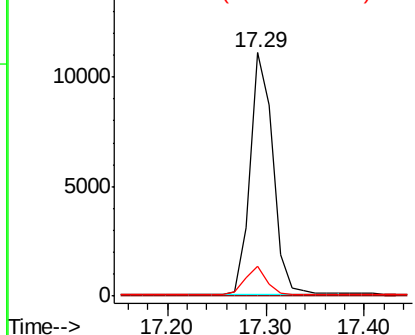


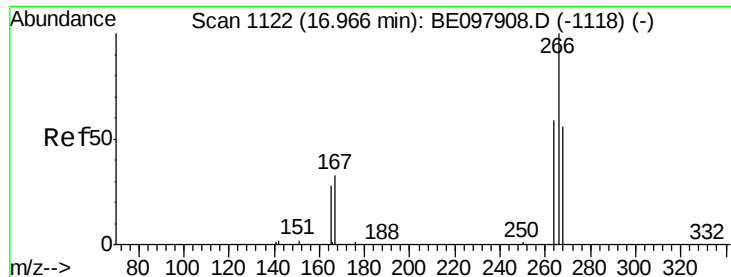
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.29 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BE097923.D
Acq: 16 Oct 2018 23:09

Tgt Ion:188 Resp: 17868
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.2 6.3 9.5#



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

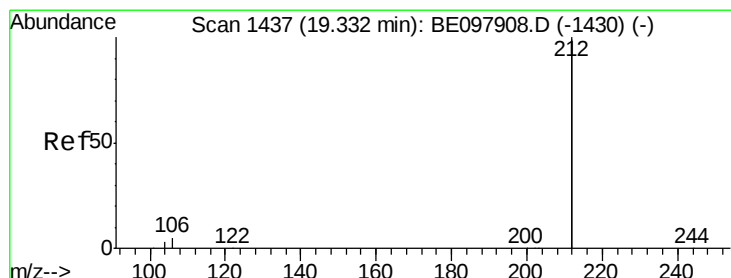
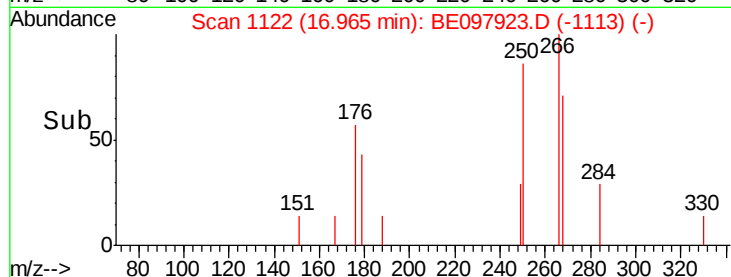
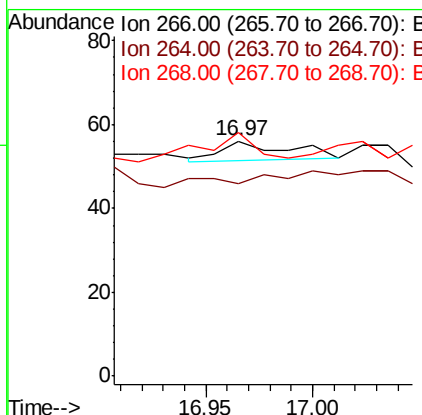
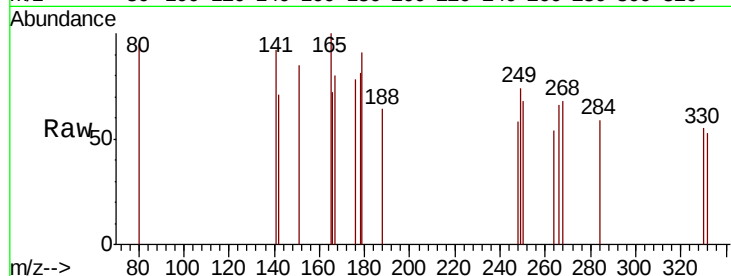




#22
 Pentachlorophenol
 Concen: 0.034 ng
 RT: 16.97 min Scan# 1122
 Delta R.T. 0.00 min
 Lab File: BE097923.D
 Acq: 16 Oct 2018 23:09

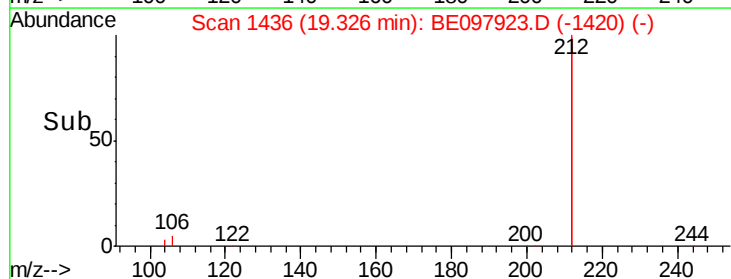
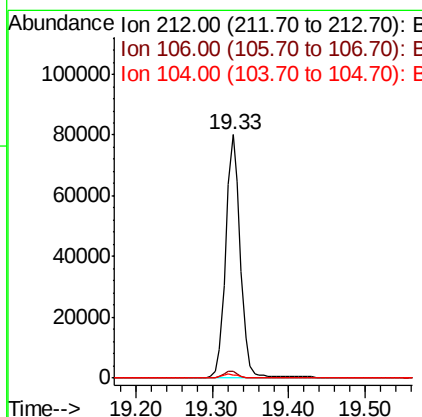
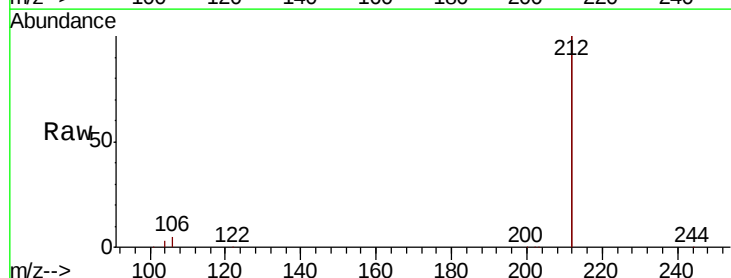
Instrument :
 BNA_E
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 RE137-700FT-20181009

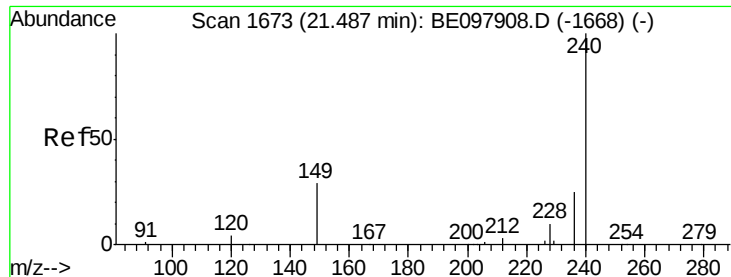
Tot Ion:266 Resp: 10
 Ion Ratio Lower Upper
 266 100
 264 82.1 51.3 76.9#
 268 103.6 50.1 75.1#



#25
 Fluoranthene-d10
 Concen: 0.436 ng
 RT: 19.33 min Scan# 1436
 Delta R.T. -0.01 min
 Lab File: BE097923.D
 Acq: 16 Oct 2018 23:09

Tgt Ion:212 Resp: 105696
 Ion Ratio Lower Upper
 212 100
 106 2.9 2.3 3.5
 104 1.6 1.3 1.9





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.48 min Scan# 1672

Delta R.T. -0.01 min

Lab File: BE097923.D

Acq: 16 Oct 2018 23:09

Instrument :

BNA_E

ClientSampleId :

RE137-700FT-20181009

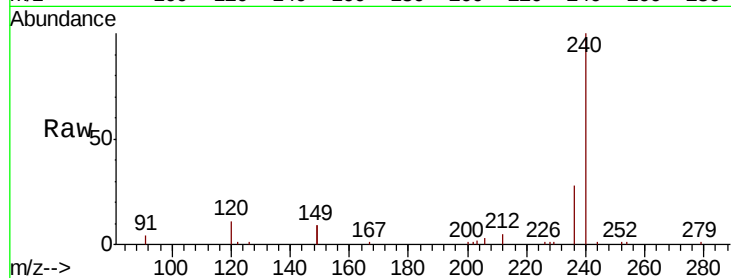
Tot Ion:240 Resp: 24343

Ion Ratio Lower Upper

240 100

120 10.5 7.1 10.7

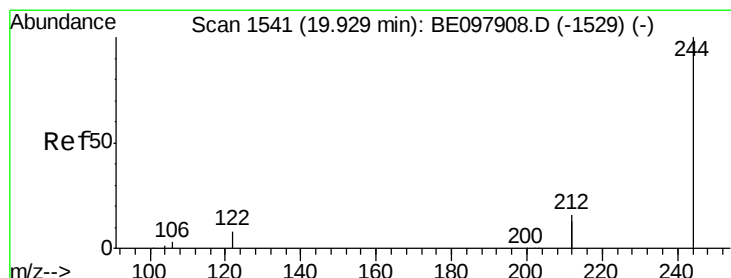
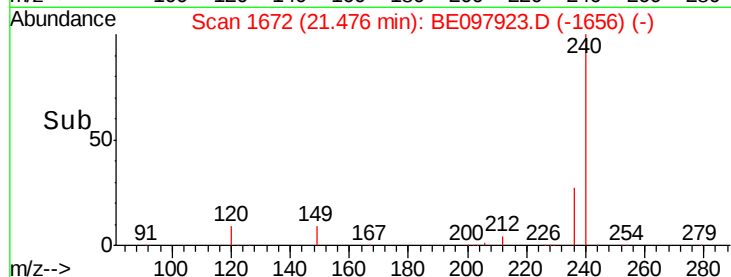
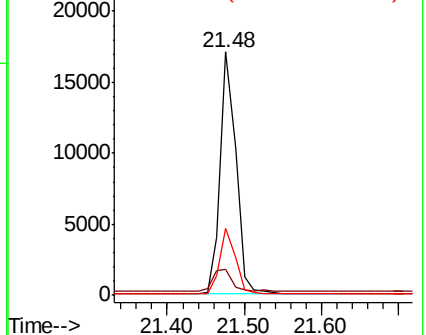
236 27.7 21.3 31.9



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: 0.628 ng

RT: 19.92 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BE097923.D

Acq: 16 Oct 2018 23:09

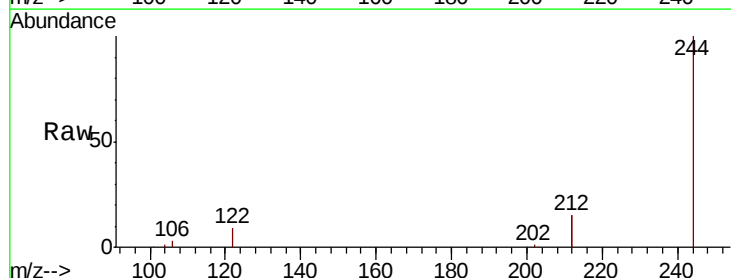
Tgt Ion:244 Resp: 35040

Ion Ratio Lower Upper

244 100

212 29.7 26.2 39.2

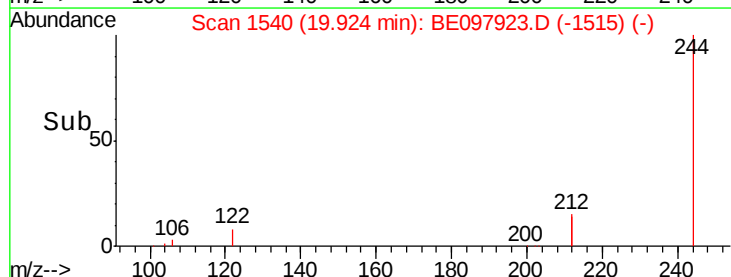
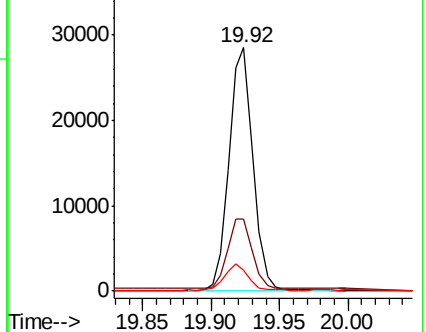
122 8.7 7.7 11.5

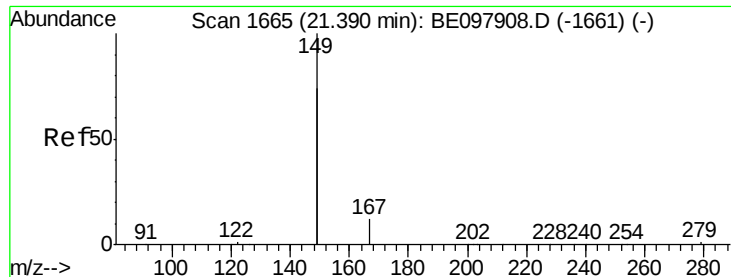


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: Below Cal

RT: 21.39 min Scan# 1665

Delta R.T. 0.00 min

Lab File: BE097923.D

Acq: 16 Oct 2018 23:09

Instrument :

BNA_E

ClientSampleId :

RE137-700FT-20181009

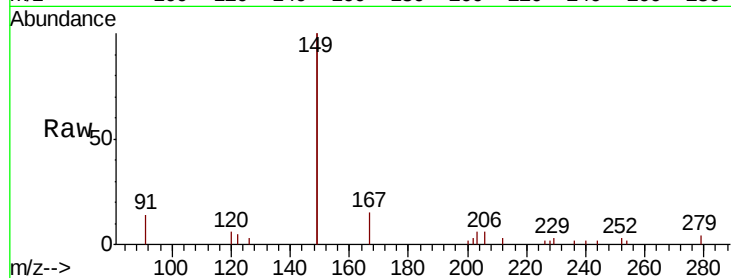
Tot Ion:149 Resp: 9357

Ion Ratio Lower Upper

149 100

167 6.7 5.6 8.4

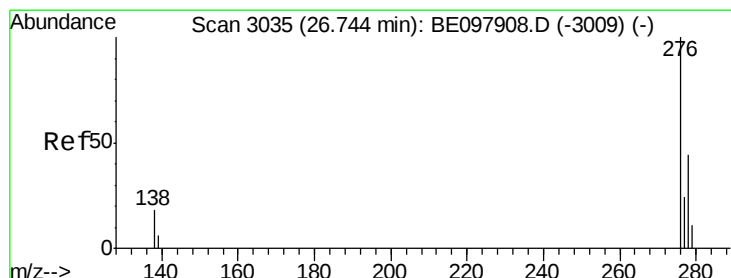
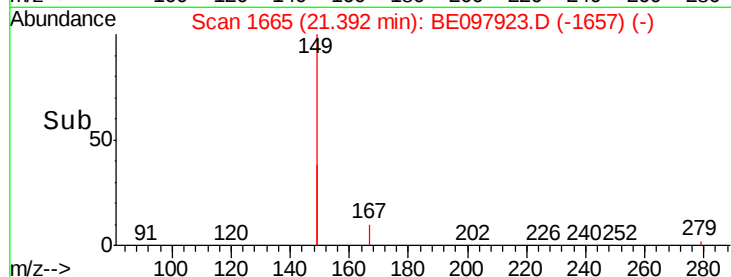
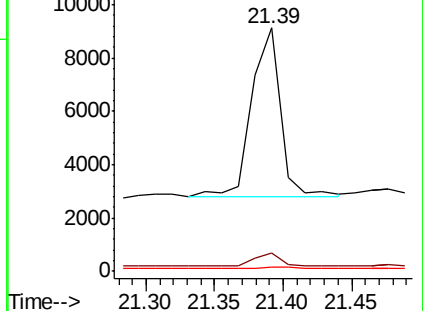
279 1.2 0.9 1.3



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



#33

Indeno(1,2,3-cd)pyrene

Concen: Below Cal

RT: 26.73 min Scan# 3030

Delta R.T. -0.02 min

Lab File: BE097923.D

Acq: 16 Oct 2018 23:09

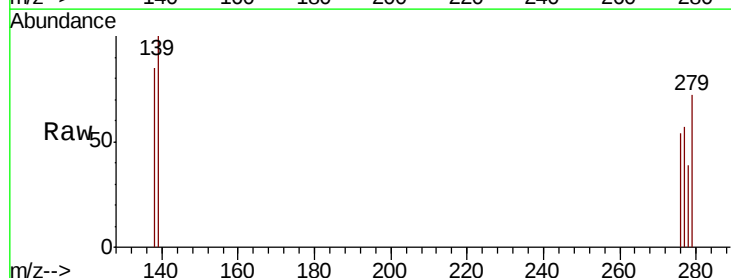
Tgt Ion:276 Resp: 13

Ion Ratio Lower Upper

276 100

138 253.8 17.0 25.6#

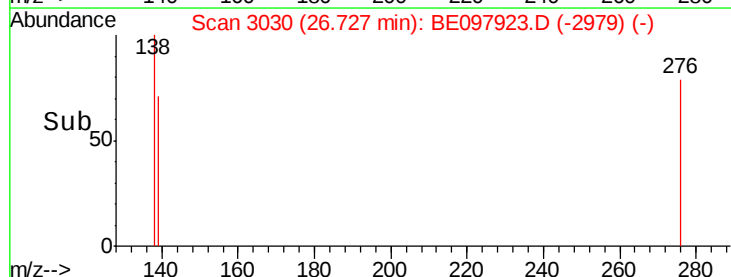
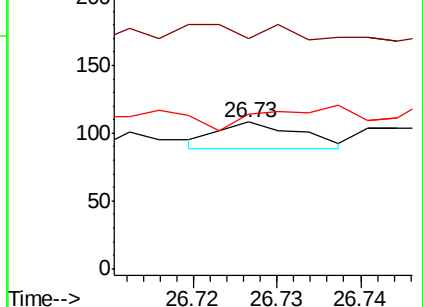
277 107.7 20.5 30.7#

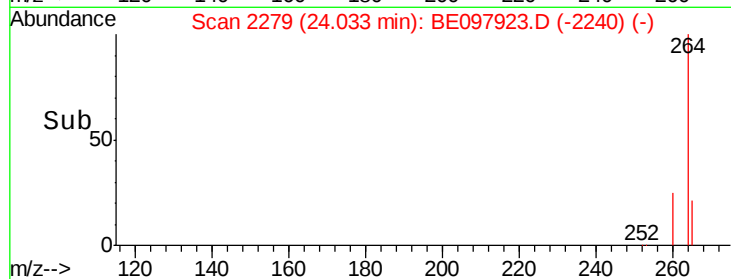
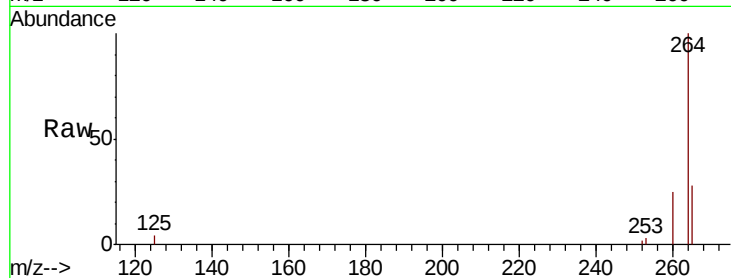
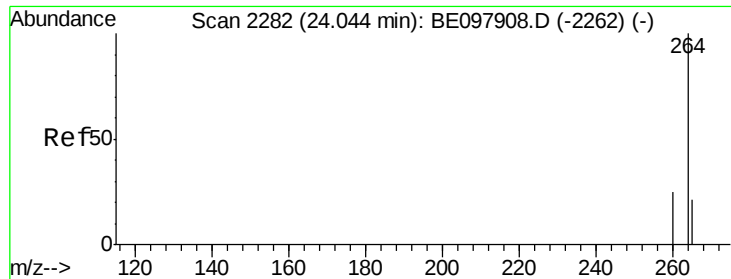


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 24.03 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BE097923.D

Acq: 16 Oct 2018 23:09

Instrument :

BNA_E

ClientSampleId :

RE137-700FT-20181009

Tot Ion: 264 Resp: 19329

Ion Ratio Lower Upper

264 100

260 25.5 21.1 31.7

265 28.5 29.2 43.8#

