

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101618\
 Data File : BE097924.D
 Acq On : 16 Oct 2018 23:48
 Operator : SJ/JU
 Sample : J5393-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE137-640FT-20181009

Quant Time: Oct 17 08:18:50 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

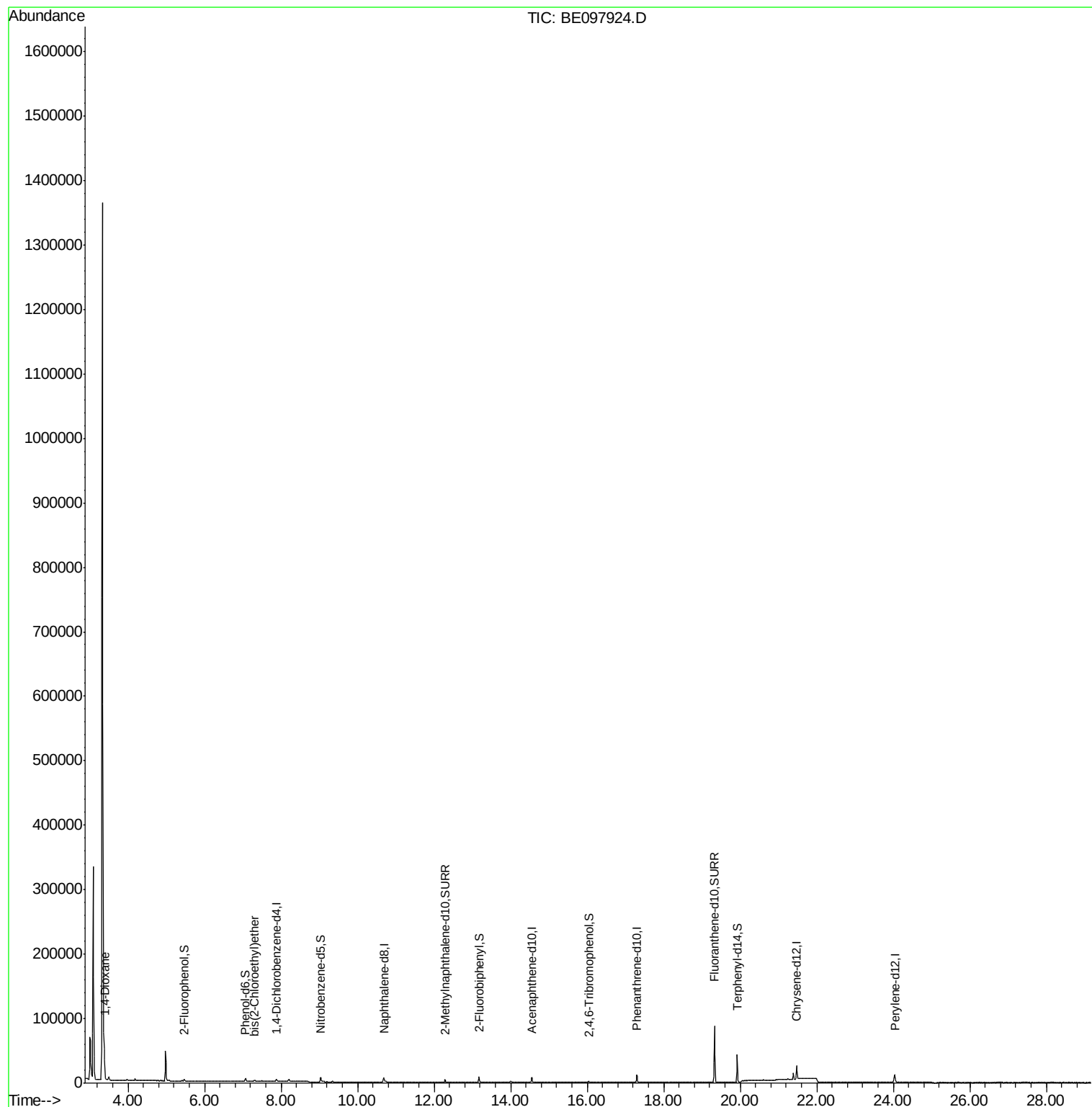
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	1785	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	7776	0.40	ng	0.00
13) Acenaphthene-d10	14.56	164	5215	0.40	ng	0.00
19) Phenanthrene-d10	17.29	188	16788	0.40	ng	-0.01
27) Chrysene-d12	21.48	240	21721	0.40	ng	-0.01
34) Perylene-d12	24.03	264	17191	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	1363	0.24	ng	0.00
5) Phenol-d6	7.06	99	1153	0.14	ng	0.00
8) Nitrobenzene-d5	9.04	82	3062	0.42	ng	0.00
11) 2-Methylnaphthalene-d10	12.28	152	5448	0.42	ng	-0.01
14) 2,4,6-Tribromophenol	16.04	330	1378	0.49	ng	0.00
15) 2-Fluorobiphenyl	13.17	172	9187	0.43	ng	0.00
25) Fluoranthene-d10	19.33	212	111157	0.49	ng	0.00
29) Terphenyl-d14	19.92	244	35804	0.72	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.38	88	15788	5.073	ng	96
6) bis(2-Chloroethyl)ether	7.30	93	466	0.066	ng	95

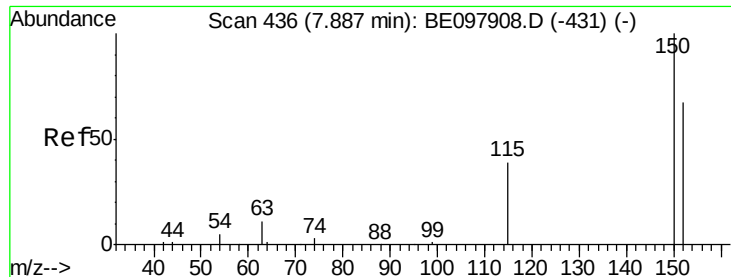
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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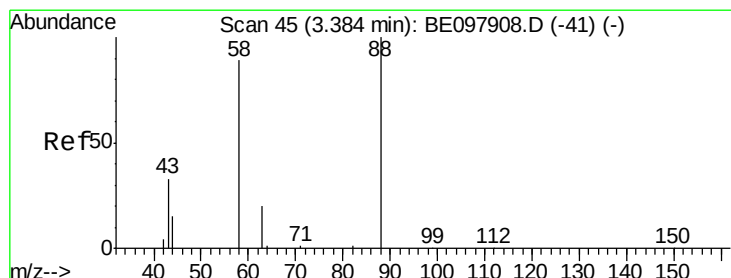
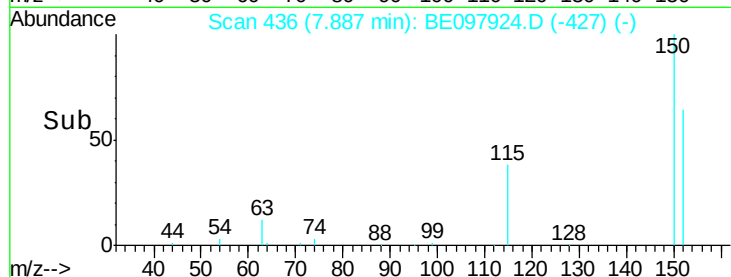
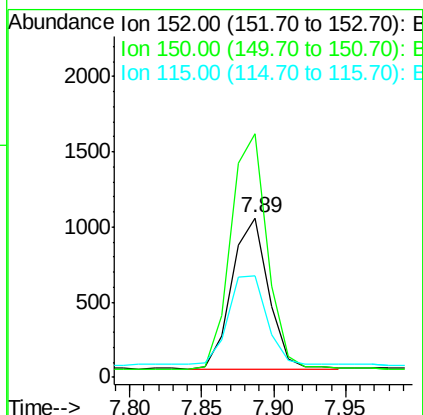
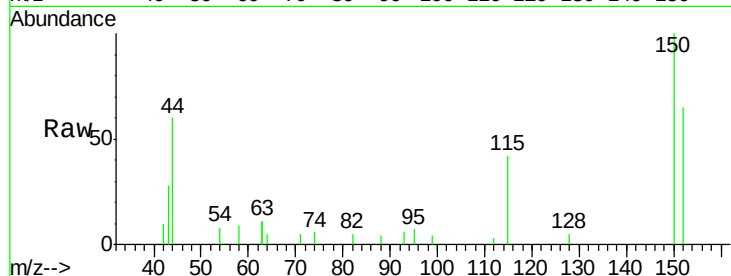


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.89 min Scan# 436
Delta R.T. 0.00 min
Lab File: BE097924.D
Acq: 16 Oct 2018 23:48

Instrument :
BNA_E
ClientSampleId :
RE137-640FT-20181009

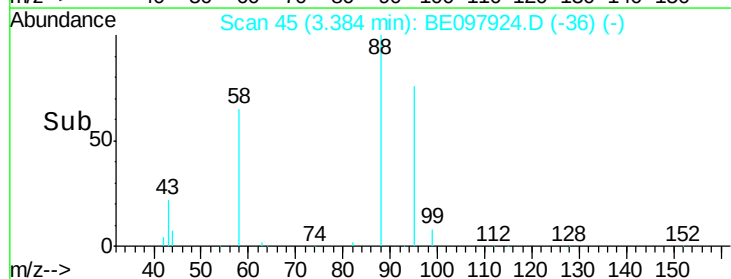
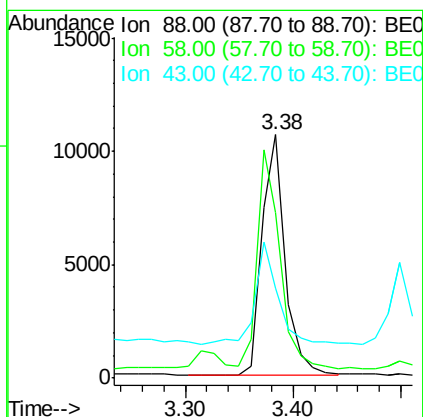
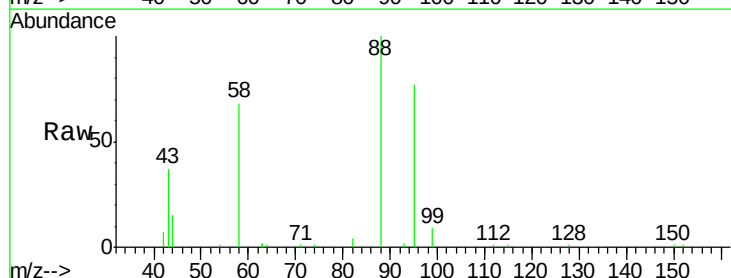
Tgt Ion:152 Resp: 1785
Ion Ratio Lower Upper
152 100
150 152.8 118.2 177.4
115 63.9 50.9 76.3

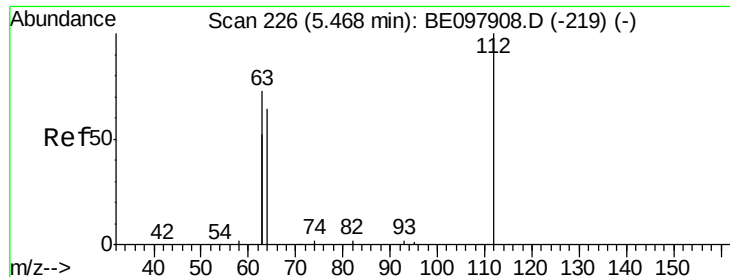


#2

1,4-Dioxane
Concen: 5.073 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.00 min
Lab File: BE097924.D
Acq: 16 Oct 2018 23:48

Tgt Ion: 88 Resp: 15788
Ion Ratio Lower Upper
88 100
58 88.6 73.2 109.8
43 43.1 36.9 55.3





#4

2-Fluorophenol

Concen: 0.242 ng

RT: 5.47 min Scan# 226

Delta R.T. 0.00 min

Lab File: BE097924.D

Acq: 16 Oct 2018 23:48

Instrument :

BNA_E

ClientSampleId :

RE137-640FT-20181009

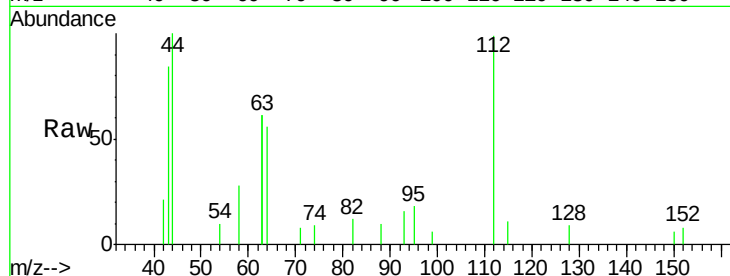
Tgt Ion: 112 Resp: 1363

Ion Ratio Lower Upper

112 100

64 69.3 58.9 88.3

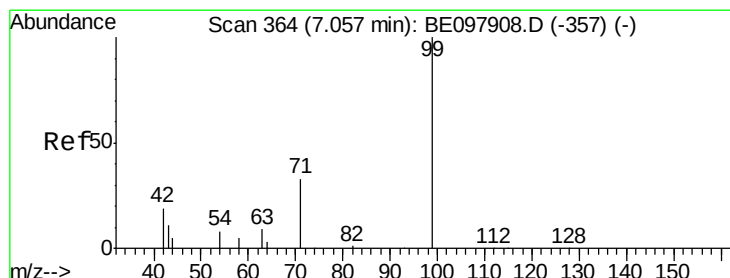
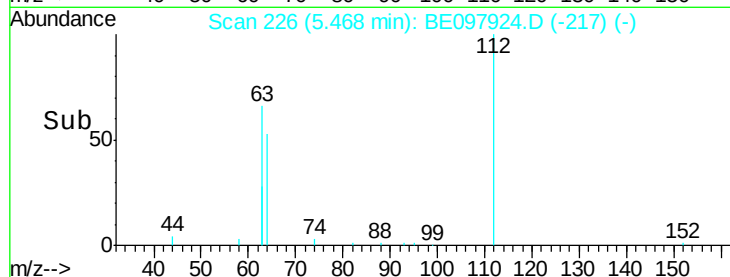
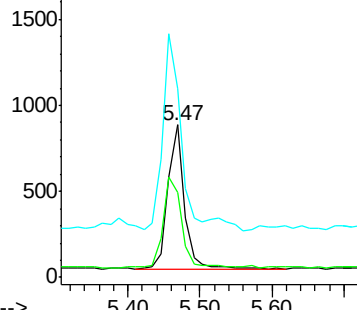
63 139.9 120.3 180.5



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: 0.139 ng

RT: 7.06 min Scan# 364

Delta R.T. 0.00 min

Lab File: BE097924.D

Acq: 16 Oct 2018 23:48

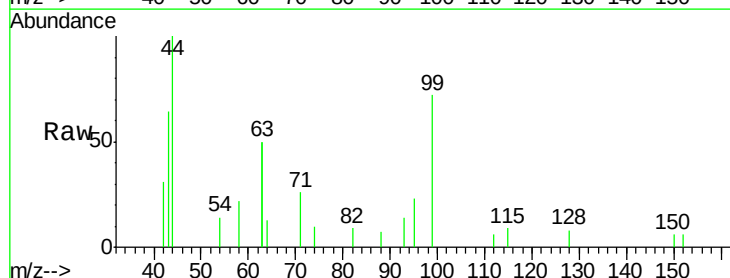
Tgt Ion: 99 Resp: 1153

Ion Ratio Lower Upper

99 100

42 46.1 19.9 29.9#

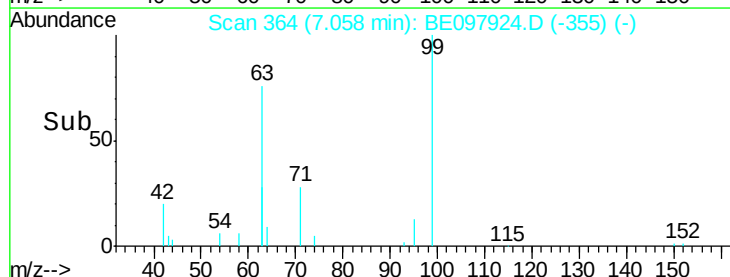
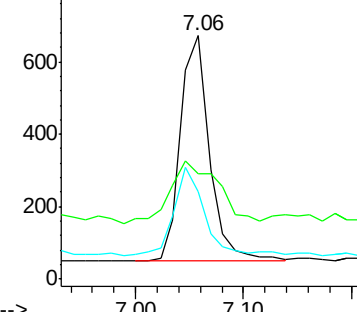
71 42.4 27.8 41.8#

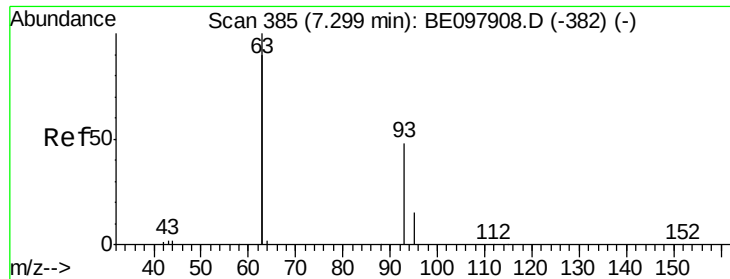


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.066 ng

RT: 7.30 min Scan# 385

Delta R.T. 0.00 min

Lab File: BE097924.D

Acq: 16 Oct 2018 23:48

Instrument :

BNA_E

ClientSampleId :

RE137-640FT-20181009

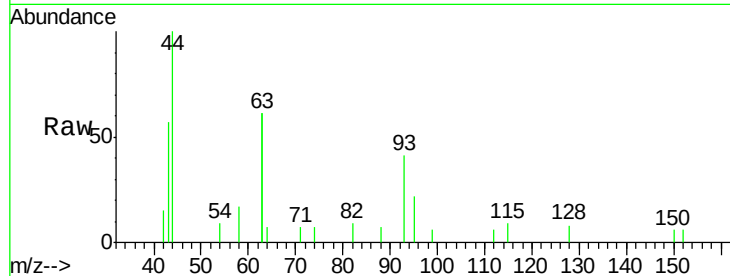
Tgt Ion: 93 Resp: 466

Ion Ratio Lower Upper

93 100

63 313.5 259.0 388.4

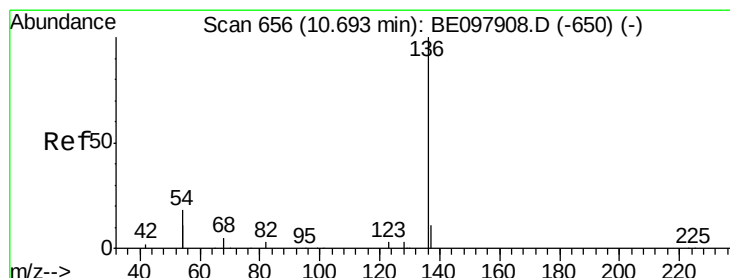
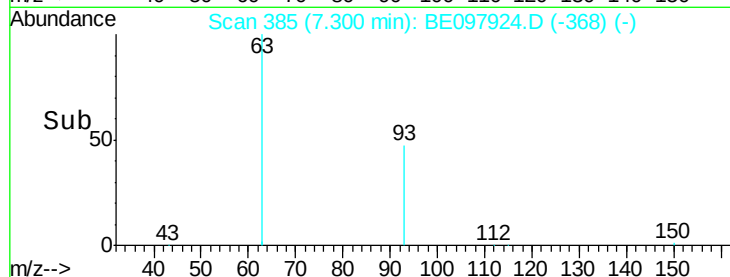
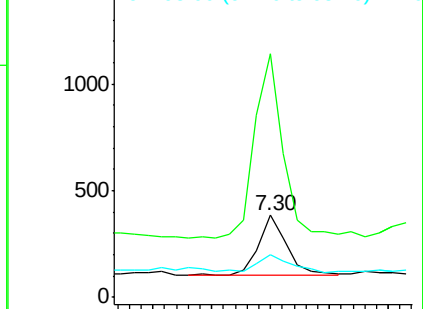
95 32.8 27.8 41.8



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: BE097924.D

Acq: 16 Oct 2018 23:48

Tgt Ion: 136 Resp: 7776

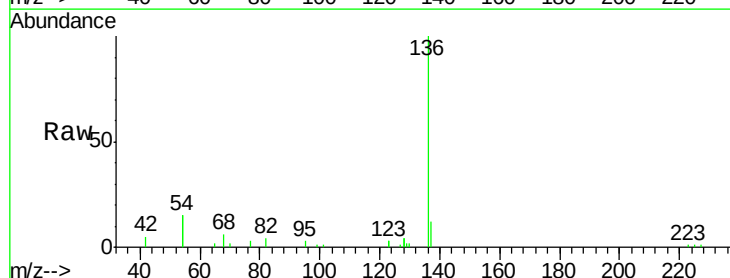
Ion Ratio Lower Upper

136 100

137 11.9 9.6 14.4

54 30.3 27.7 41.5

68 6.1 5.3 7.9

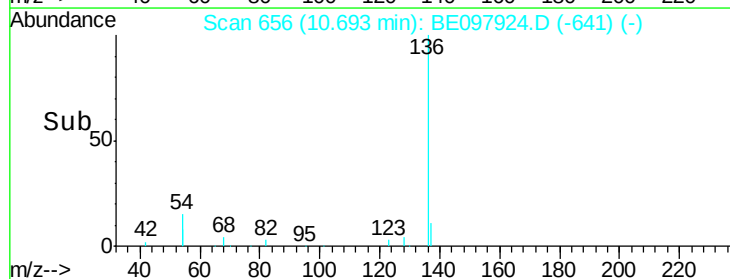
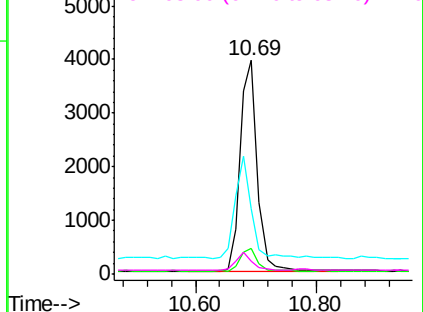


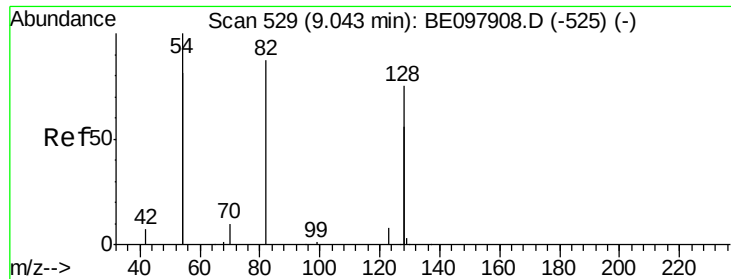
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.416 ng

RT: 9.04 min Scan# 529

Delta R.T. -0.00 min

Lab File: BE097924.D

Acq: 16 Oct 2018 23:48

Instrument :

BNA_E

ClientSampleId :

RE137-640FT-20181009

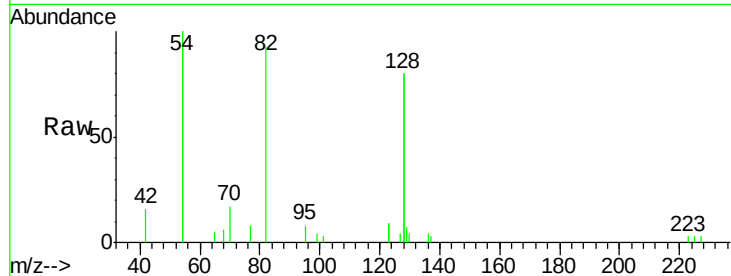
Tgt Ion: 82 Resp: 3062

Ion Ratio Lower Upper

82 100

128 171.9 129.9 194.9

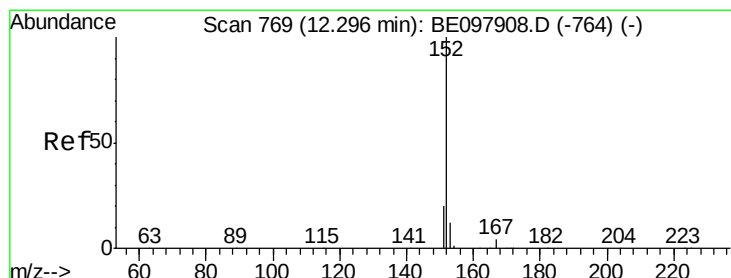
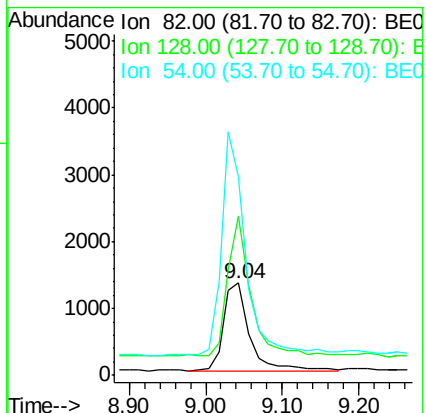
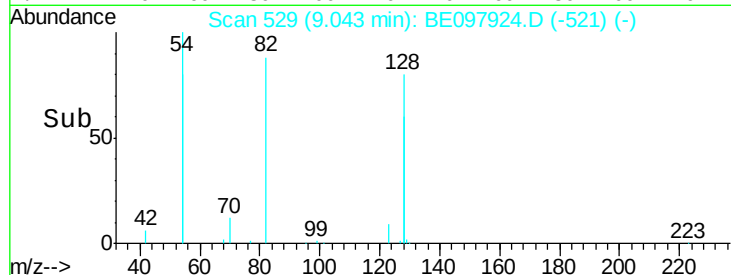
54 215.5 174.0 261.0



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: 0.421 ng

RT: 12.28 min Scan# 768

Delta R.T. -0.01 min

Lab File: BE097924.D

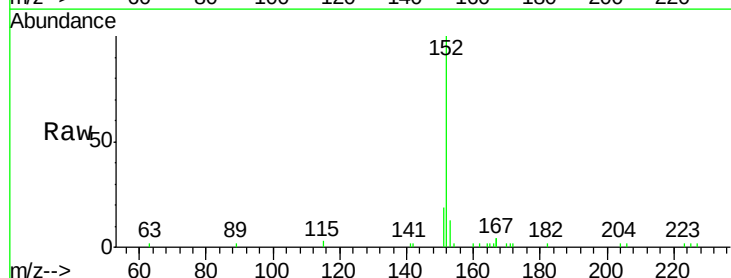
Acq: 16 Oct 2018 23:48

Tgt Ion: 152 Resp: 5448

Ion Ratio Lower Upper

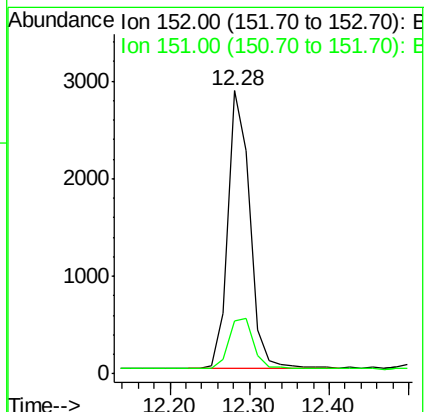
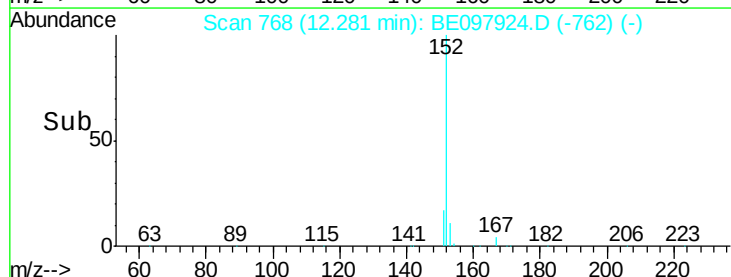
152 100

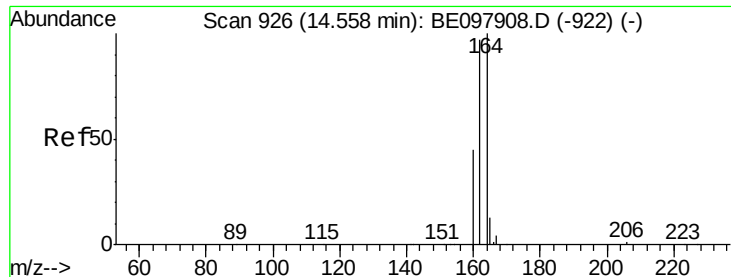
151 21.4 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): BE0

Ion 151.00 (150.70 to 151.70): BE0

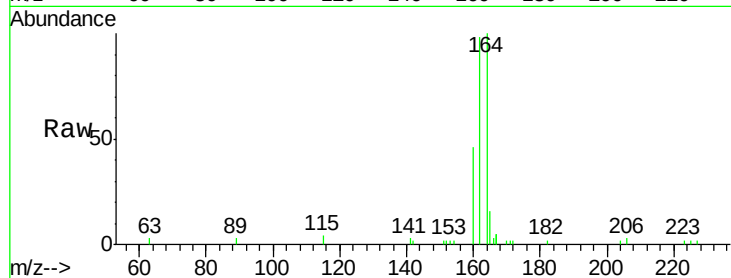




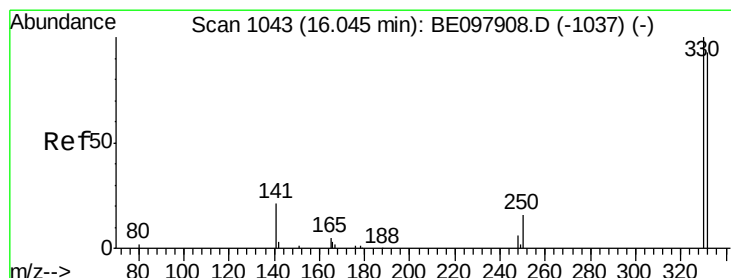
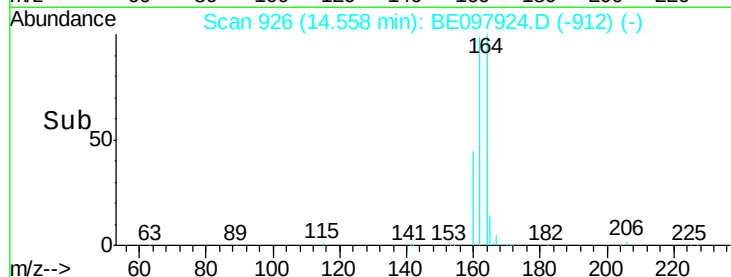
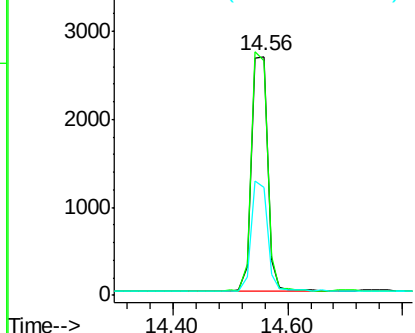
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.56 min Scan# 926
 Delta R.T. -0.00 min
 Lab File: BE097924.D
 Acq: 16 Oct 2018 23:48

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Tgt Ion:164 Resp: 5215
 Ion Ratio Lower Upper
 164 100
 162 98.4 77.4 116.2
 160 45.5 36.5 54.7

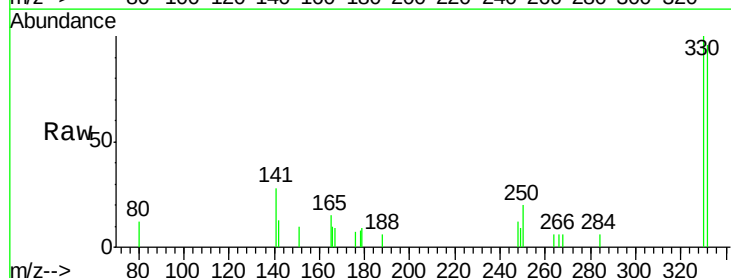


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

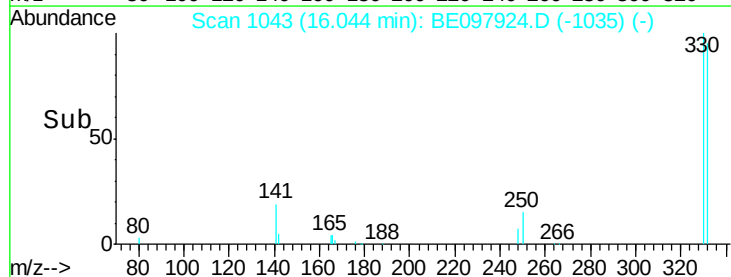
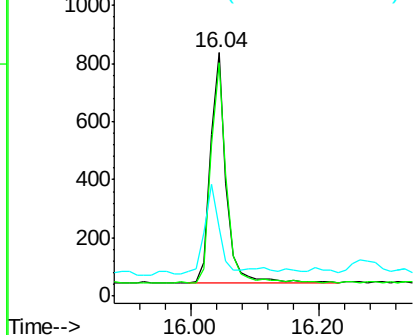


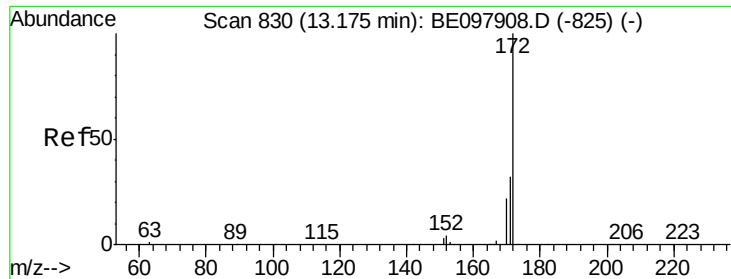
#14
 2,4,6-Tribromophenol
 Concen: 0.491 ng
 RT: 16.04 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BE097924.D
 Acq: 16 Oct 2018 23:48

Tgt Ion:330 Resp: 1378
 Ion Ratio Lower Upper
 330 100
 332 94.7 76.5 114.7
 141 36.1 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

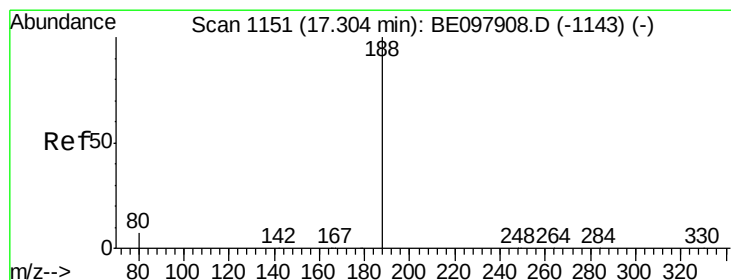
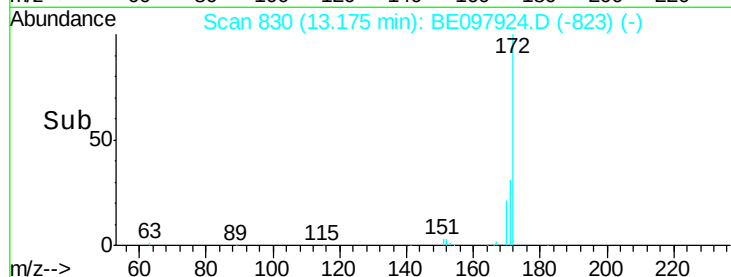
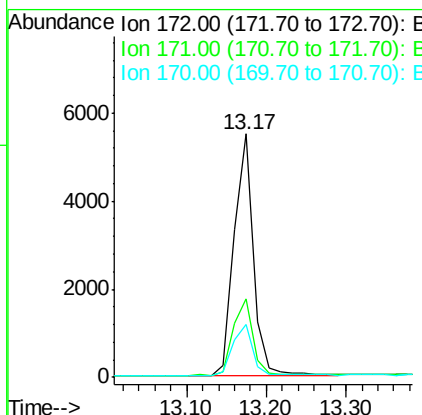
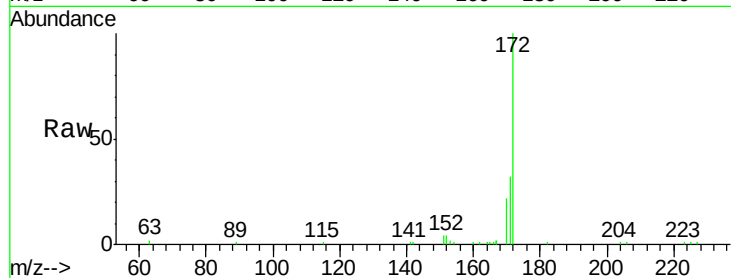




#15
2-Fluorobiphenyl
Concen: 0.431 ng
RT: 13.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BE097924.D
Acq: 16 Oct 2018 23:48

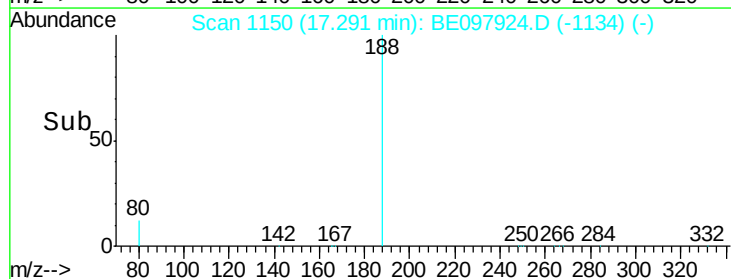
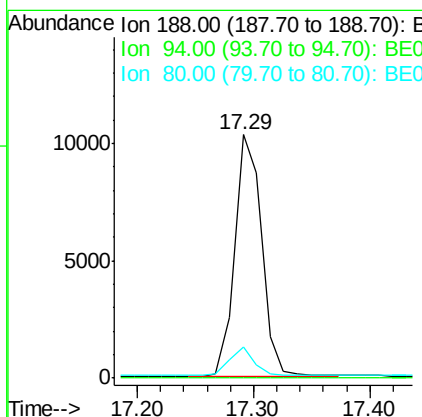
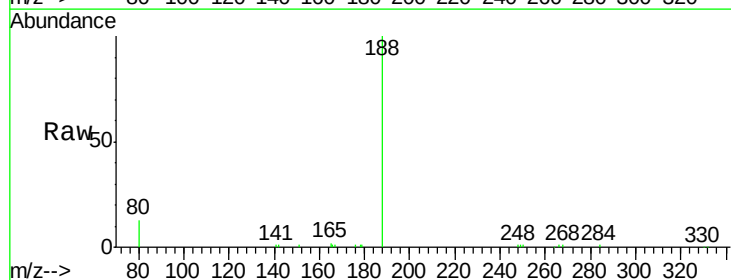
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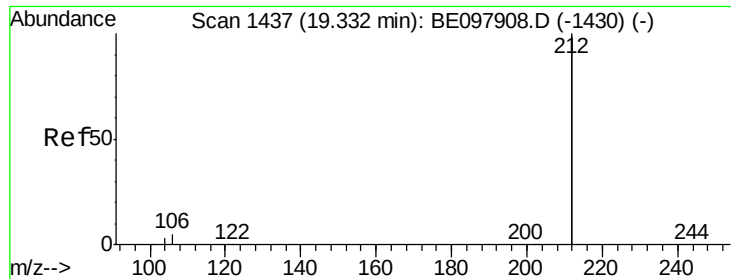
Tgt Ion:172 Resp: 9187
Ion Ratio Lower Upper
172 100
171 32.1 26.0 39.0
170 21.9 18.0 27.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.29 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BE097924.D
Acq: 16 Oct 2018 23:48

Tgt Ion:188 Resp: 16788
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.0 6.3 9.5#





#25

Fluoranthene-d10

Concen: 0.489 ng

RT: 19.33 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BE097924.D

Acq: 16 Oct 2018 23:48

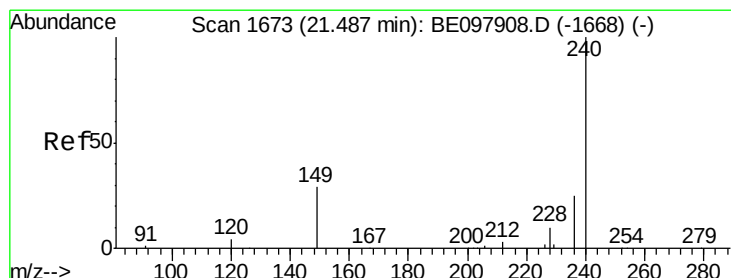
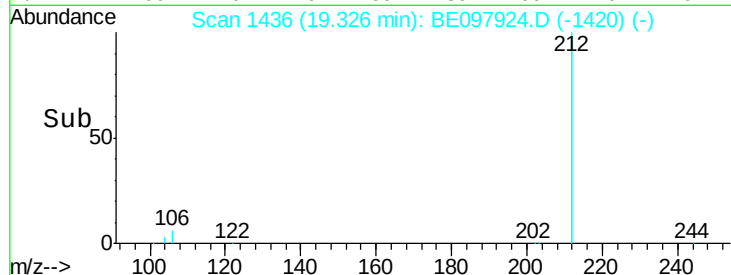
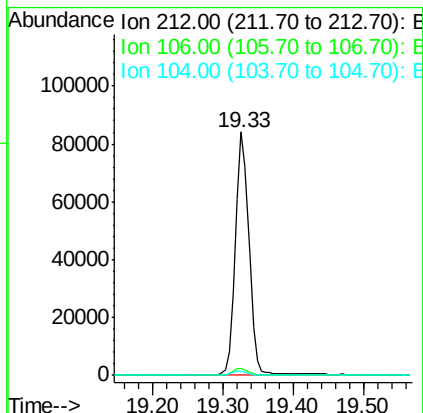
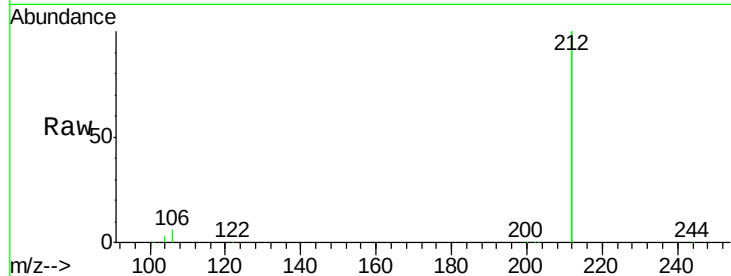
Instrument :

BNA_E

ClientSampleId :

RE137-640FT-20181009

Tgt Ion:	212	Resp:	111157
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

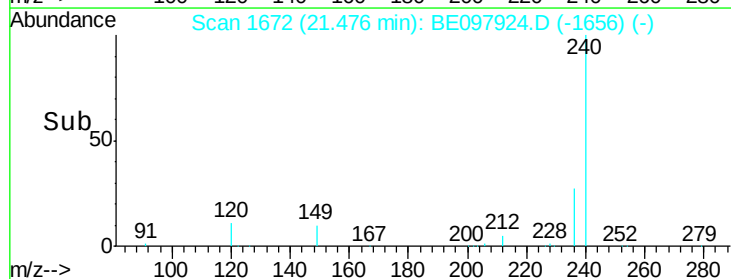
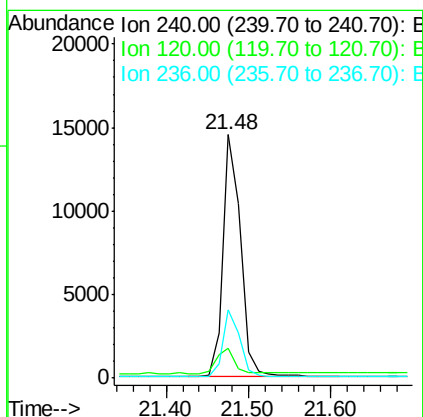
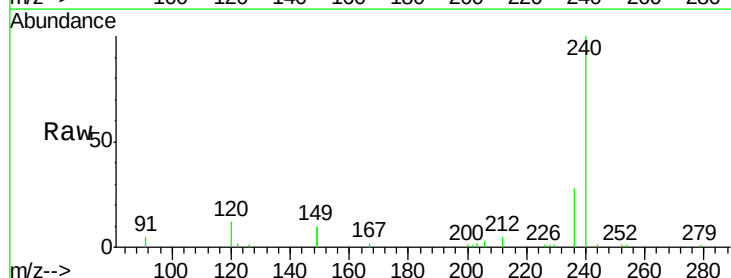
RT: 21.48 min Scan# 1672

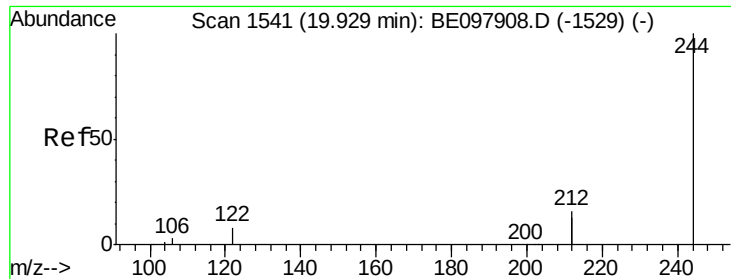
Delta R.T. -0.01 min

Lab File: BE097924.D

Acq: 16 Oct 2018 23:48

Tgt Ion:	240	Resp:	21721
Ion Ratio	Lower	Upper	
240	100		
120	12.3	7.1	10.7#
236	27.9	21.3	31.9





#29

Terphenyl-d14

Concen: 0.719 ng

RT: 19.92 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BE097924.D

Acq: 16 Oct 2018 23:48

Instrument :

BNA_E

ClientSampleId :

RE137-640FT-20181009

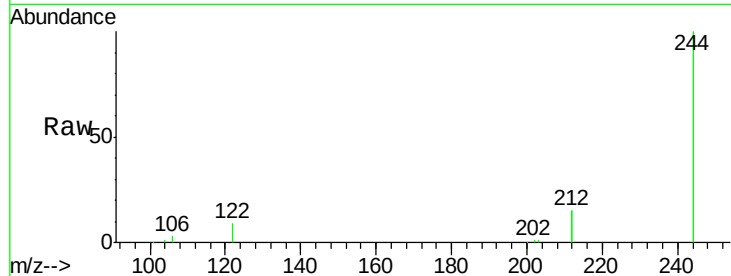
Tgt Ion:244 Resp: 35804

Ion Ratio Lower Upper

244 100

212 30.6 26.2 39.2

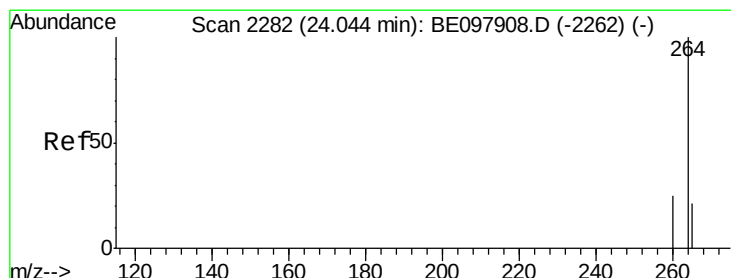
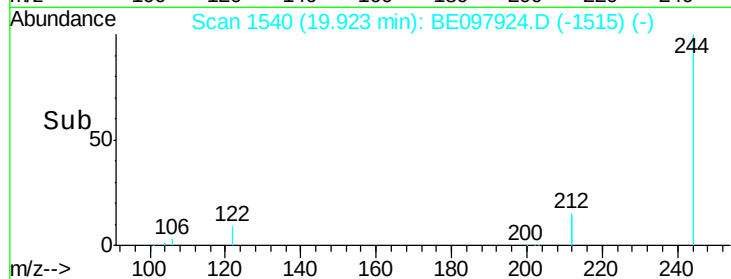
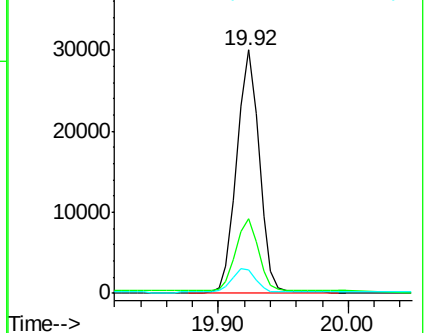
122 9.5 7.7 11.5



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 24.03 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BE097924.D

Acq: 16 Oct 2018 23:48

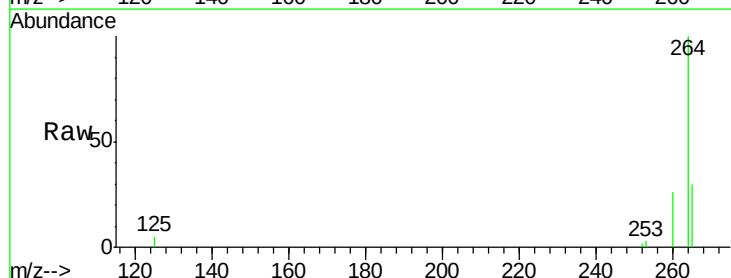
Tgt Ion:264 Resp: 17191

Ion Ratio Lower Upper

264 100

260 25.7 21.1 31.7

265 30.1 29.2 43.8



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

