

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101618\
 Data File : BE097941.D
 Acq On : 17 Oct 2018 10:53
 Operator : SJ/JU
 Sample : J5393-10DL 2X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE137-700FT-20181009DL

Quant Time: Oct 17 17:09:38 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

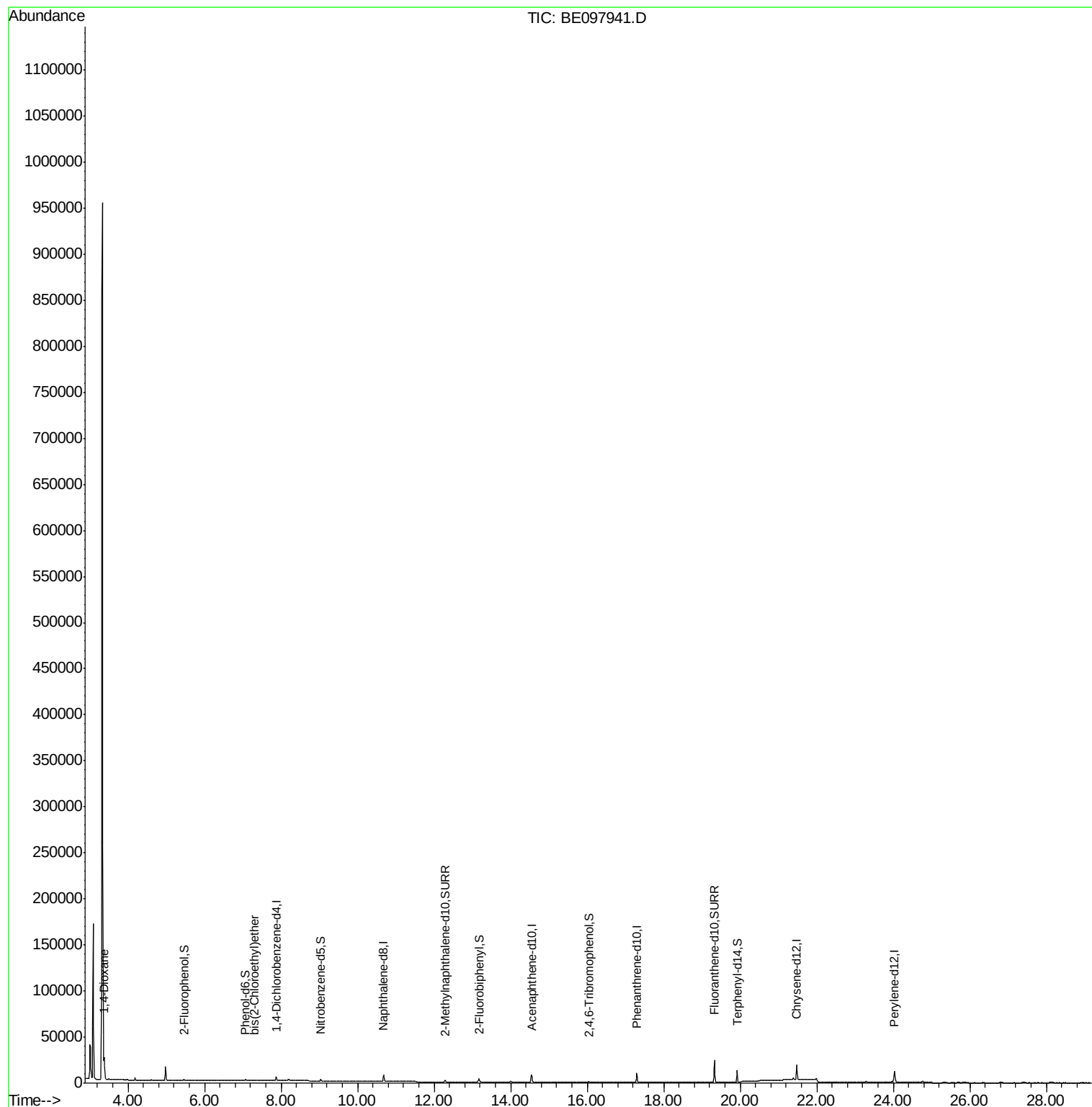
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	1922	0.40	ng	0.00
7) Naphthalene-d8	10.68	136	7943	0.40	ng	-0.01
13) Acenaphthene-d10	14.54	164	5051	0.40	ng	-0.02
19) Phenanthrene-d10	17.29	188	13965	0.40	ng	-0.01
27) Chrysene-d12	21.47	240	17463	0.40	ng	-0.01
34) Perylene-d12	24.03	264	18171	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	547	0.09	ng	0.00
5) Phenol-d6	7.05	99	451	0.05	ng	0.00
8) Nitrobenzene-d5	9.04	82	1284	0.17	ng	0.00
11) 2-Methylnaphthalene-d10	12.28	152	2278	0.17	ng	-0.02
14) 2,4,6-Tribromophenol	16.04	330	417	0.15	ng	0.00
15) 2-Fluorobiphenyl	13.17	172	4064	0.20	ng	0.00
25) Fluoranthene-d10	19.33	212	33835	0.18	ng	0.00
29) Terphenyl-d14	19.92	244	11061	0.28	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.37	88	9266	2.765	ng	Qvalue 94
6) bis(2-Chloroethyl)ether	7.30	93	212	0.028	ng	# 83

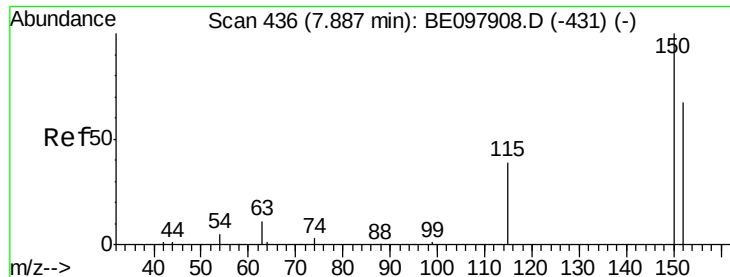
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.88 min Scan# 435

Delta R.T. -0.01 min

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Instrument :

BNA_E

ClientSampleId :

RE137-700FT-20181009DL

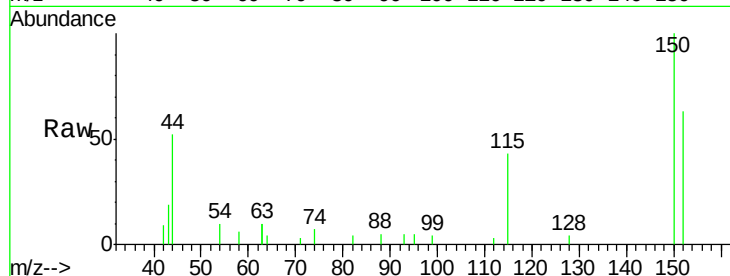
Tgt Ion:152 Resp: 1922

Ion Ratio Lower Upper

152 100

150 158.2 118.2 177.4

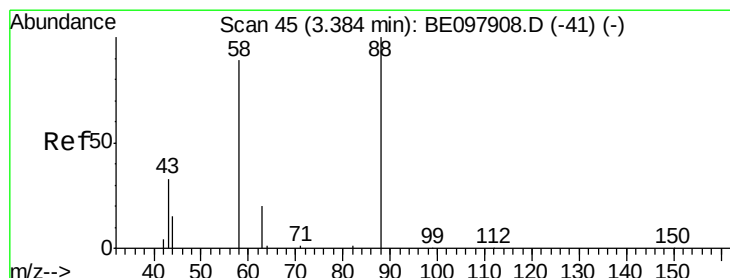
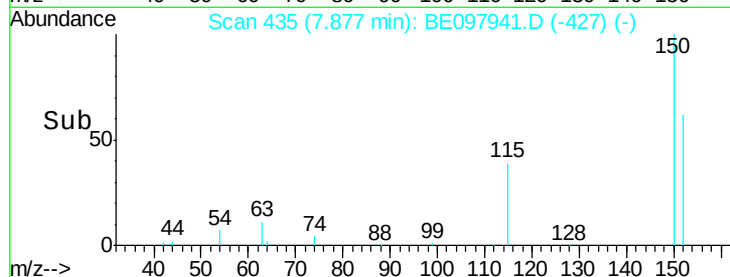
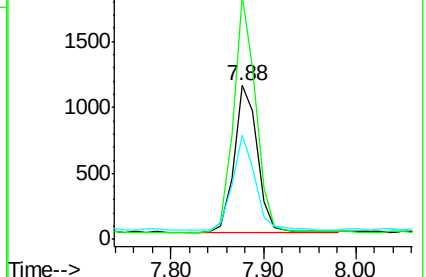
115 67.5 50.9 76.3



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



#2

1,4-Dioxane

Concen: 2.765 ng

RT: 3.37 min Scan# 44

Delta R.T. -0.01 min

Lab File: BE097941.D

Acq: 17 Oct 2018 10:53

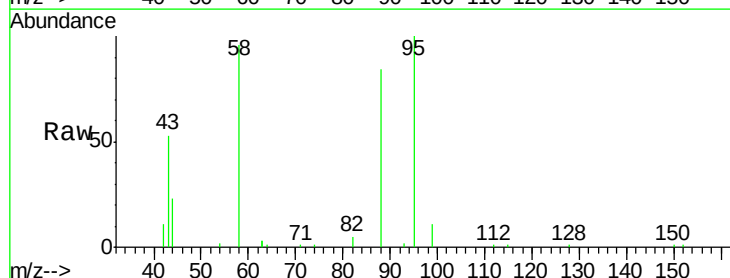
Tgt Ion: 88 Resp: 9266

Ion Ratio Lower Upper

88 100

58 87.4 73.2 109.8

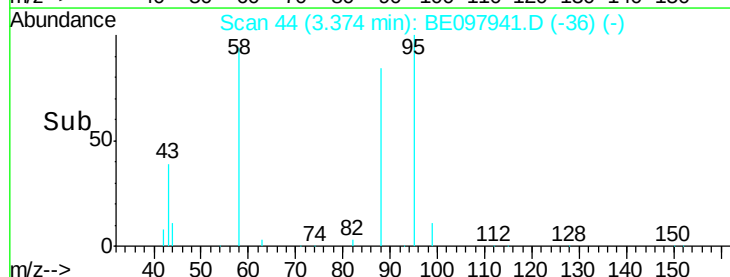
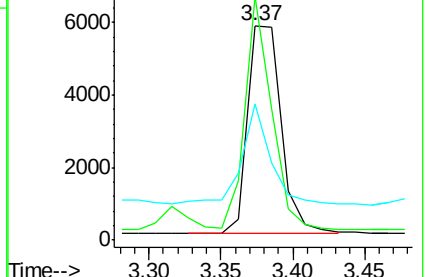
43 39.3 36.9 55.3

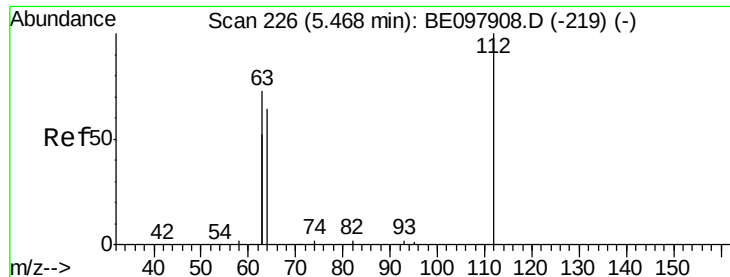


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.090 ng

RT: 5.46 min Scan# 225

Delta R.T. -0.01 min

Lab File: BE097941.D

Acq: 17 Oct 2018 10:53

Instrument :

BNA_E

ClientSampleId :

RE137-700FT-20181009DL

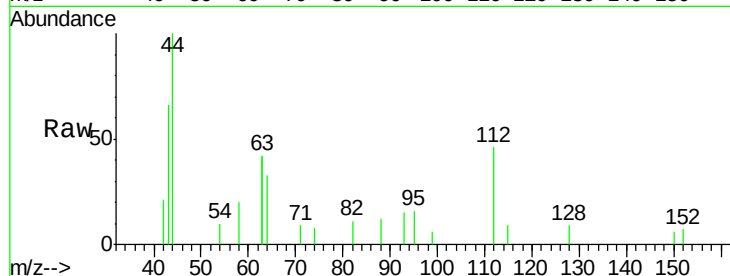
Tgt Ion: 112 Resp: 547

Ion Ratio Lower Upper

112 100

64 72.0 58.9 88.3

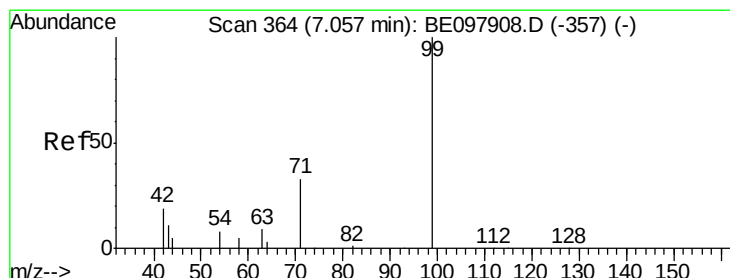
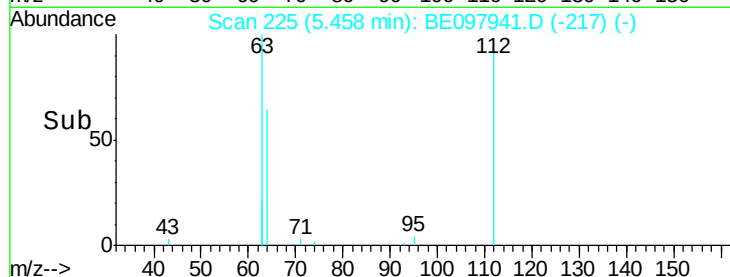
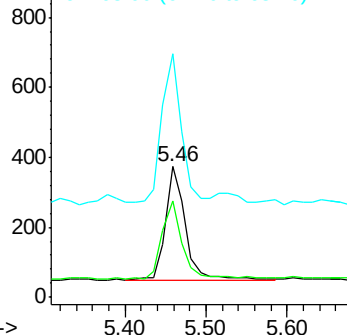
63 129.1 120.3 180.5



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: 0.050 ng

RT: 7.05 min Scan# 363

Delta R.T. -0.01 min

Lab File: BE097941.D

Acq: 17 Oct 2018 10:53

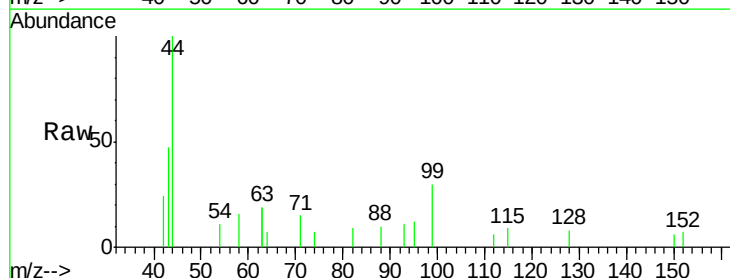
Tgt Ion: 99 Resp: 451

Ion Ratio Lower Upper

99 100

42 37.5 19.9 29.9#

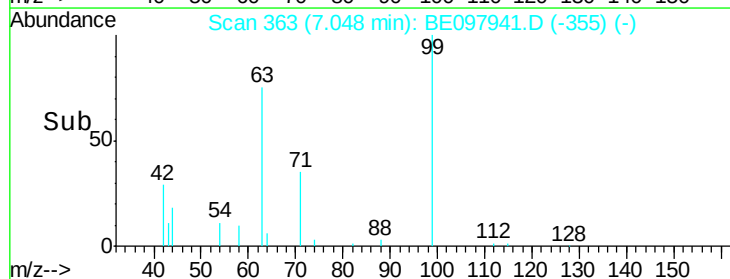
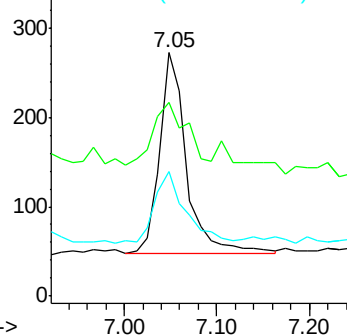
71 42.8 27.8 41.8#

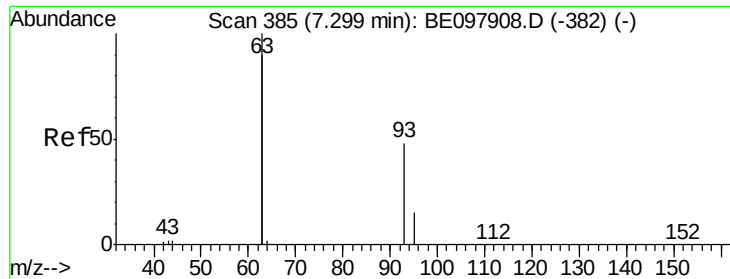


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.028 ng

RT: 7.30 min Scan# 385

Delta R.T. 0.00 min

Lab File: BE097941.D

Acq: 17 Oct 2018 10:53

Instrument :

BNA_E

ClientSampleId :

RE137-700FT-20181009DL

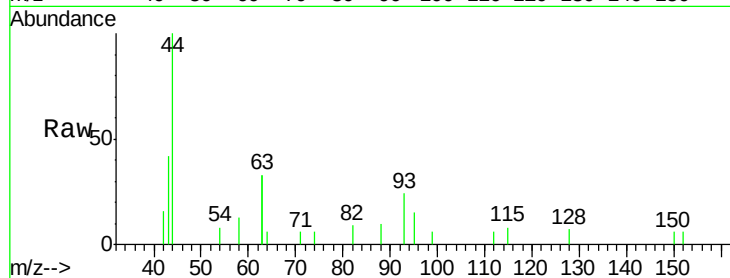
Tgt Ion: 93 Resp: 212

Ion Ratio Lower Upper

93 100

63 356.6 259.0 388.4

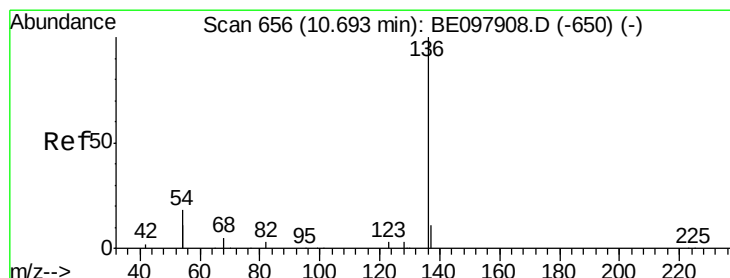
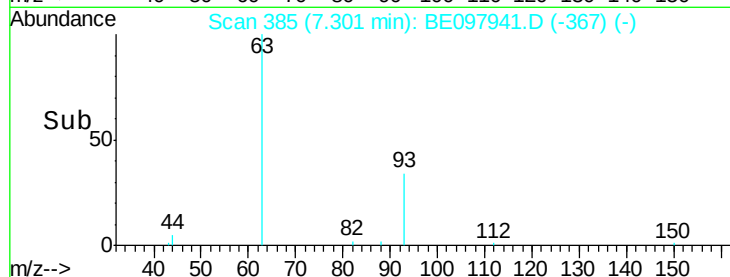
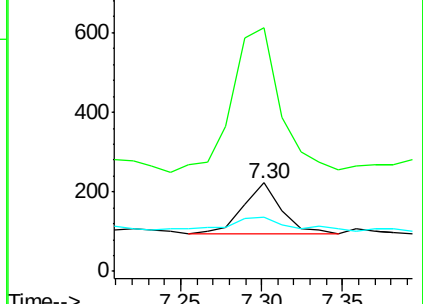
95 48.1 27.8 41.8#



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: 10.68 min Scan# 655

Delta R.T. -0.01 min

Lab File: BE097941.D

Acq: 17 Oct 2018 10:53

Tgt Ion: 136 Resp: 7943

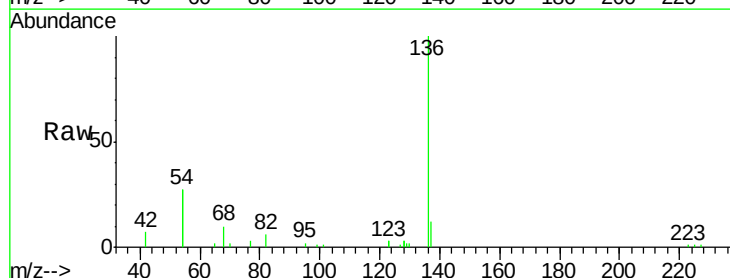
Ion Ratio Lower Upper

136 100

137 12.0 9.6 14.4

54 54.4 27.7 41.5#

68 9.8 5.3 7.9#

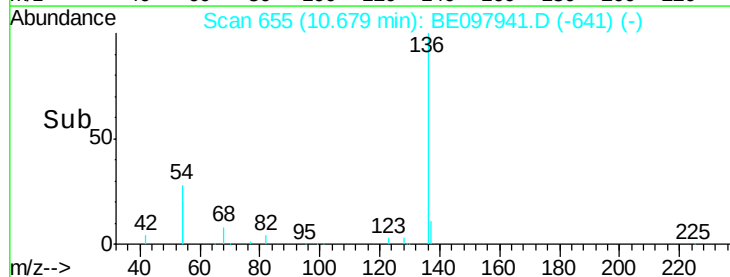
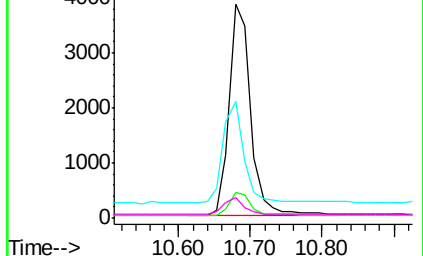


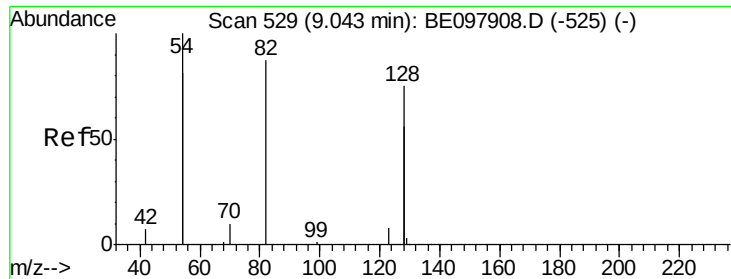
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.171 ng

RT: 9.04 min Scan# 529

Delta R.T. -0.00 min

Lab File: BE097941.D

Acq: 17 Oct 2018 10:53

Instrument :

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ClientSampleId :

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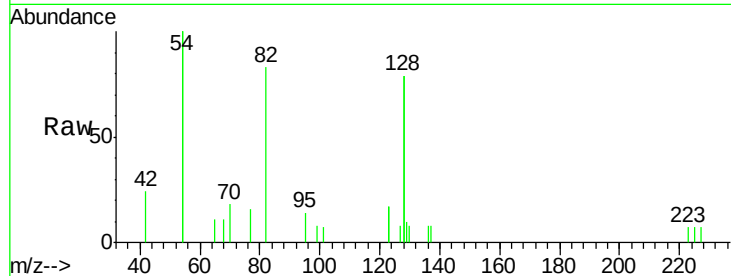
Tgt Ion: 82 Resp: 1284

Ion Ratio Lower Upper

82 100

128 190.5 129.9 194.9

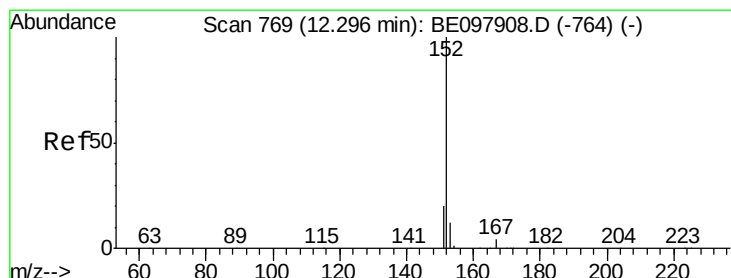
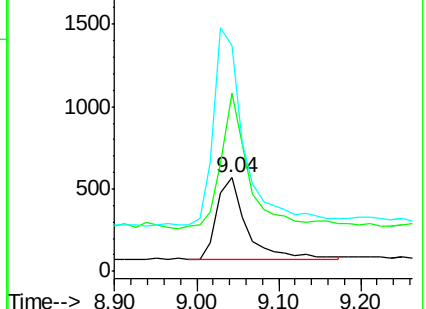
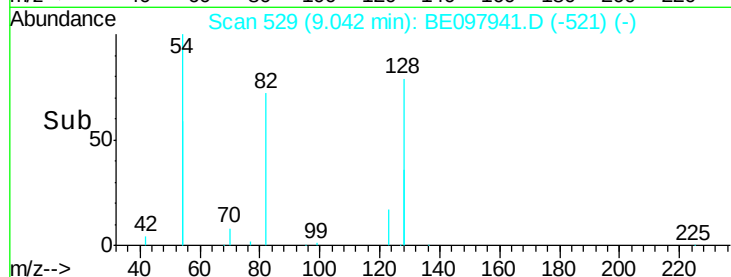
54 240.8 174.0 261.0



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: 0.172 ng

RT: 12.28 min Scan# 768

Delta R.T. -0.02 min

Lab File: BE097941.D

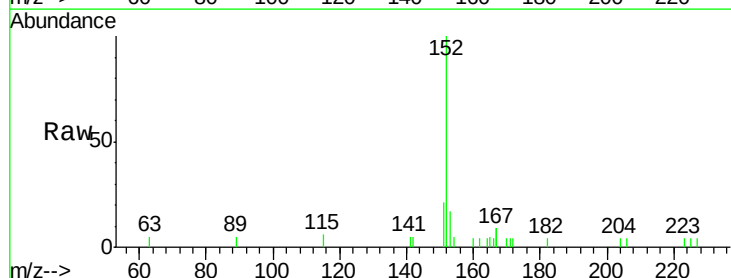
Acq: 17 Oct 2018 10:53

Tgt Ion: 152 Resp: 2278

Ion Ratio Lower Upper

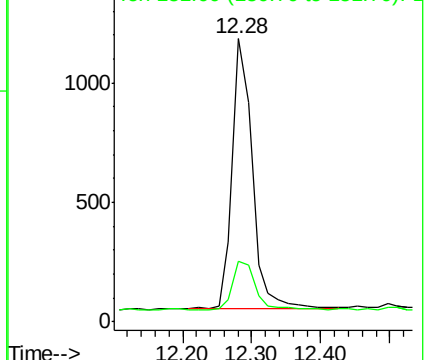
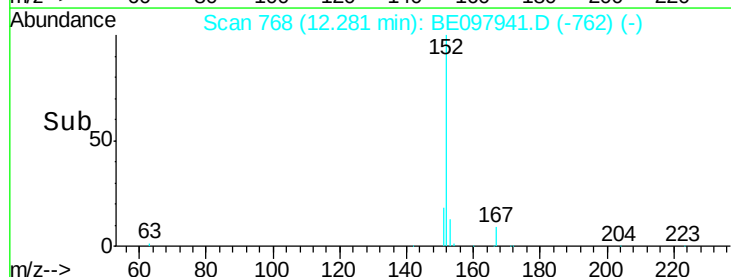
152 100

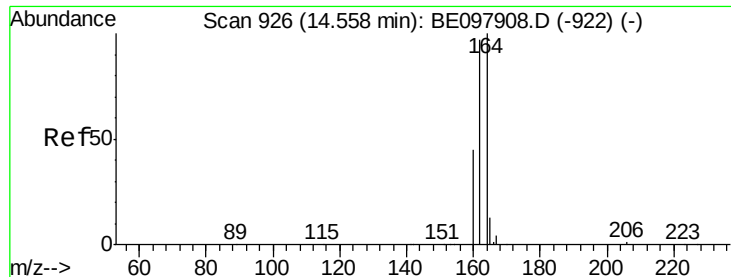
151 20.3 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): BE0

Ion 151.00 (150.70 to 151.70): BE0

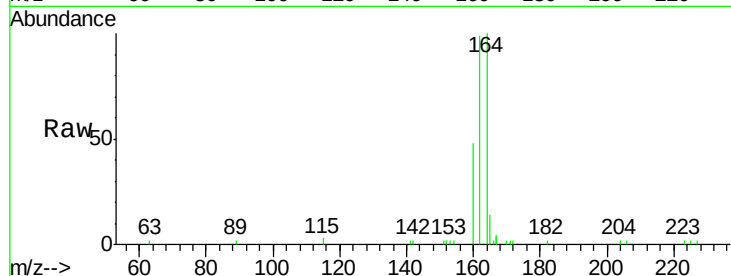




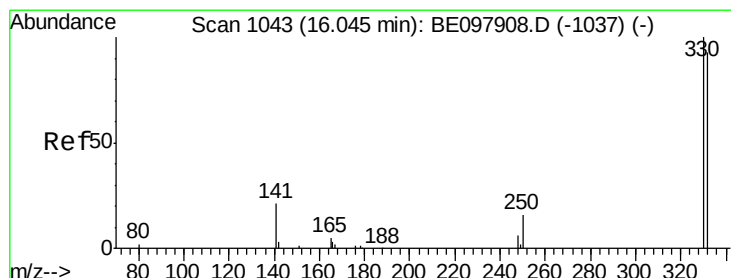
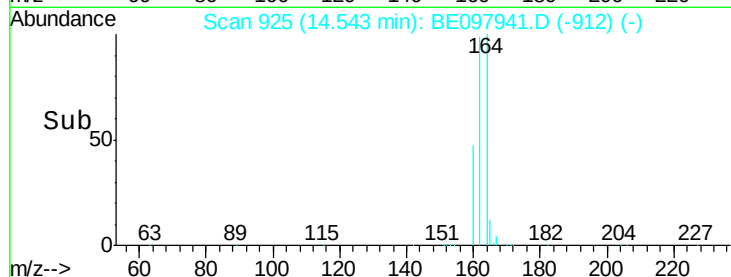
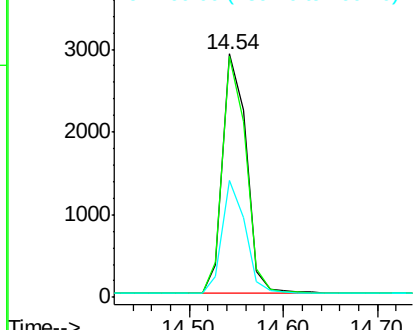
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.54 min Scan# 925
 Delta R.T. -0.02 min
 Lab File: BE097941.D
 Acq: 17 Oct 2018 10:53

Instrument :
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 RE137-700FT-20181009DL

Tgt Ion:164 Resp: 5051
 Ion Ratio Lower Upper
 164 100
 162 98.8 77.4 116.2
 160 48.1 36.5 54.7

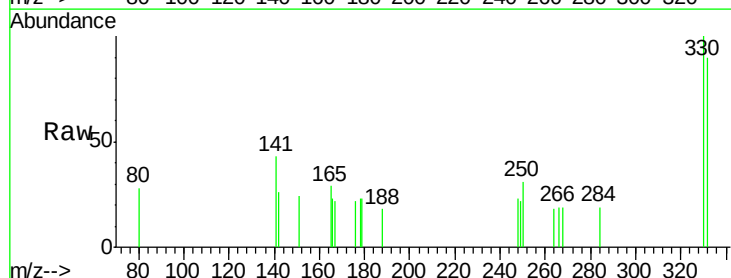


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

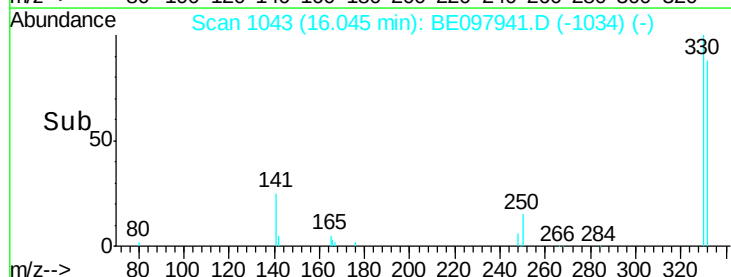
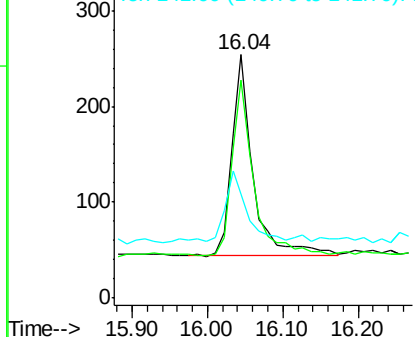


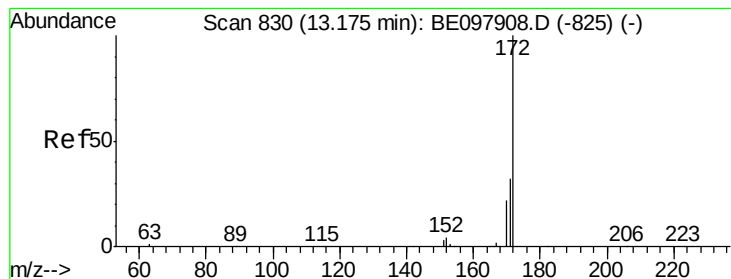
#14
 2,4,6-Tribromophenol
 Concen: 0.154 ng
 RT: 16.04 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BE097941.D
 Acq: 17 Oct 2018 10:53

Tgt Ion:330 Resp: 417
 Ion Ratio Lower Upper
 330 100
 332 89.4 76.5 114.7
 141 34.1 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

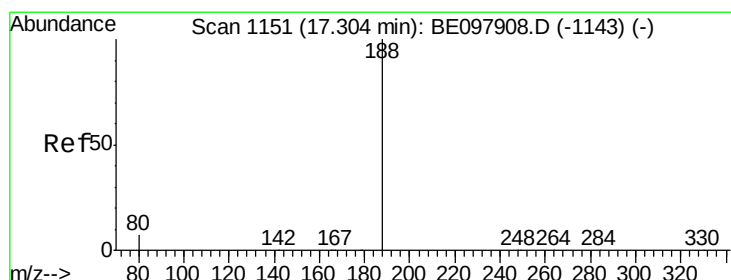
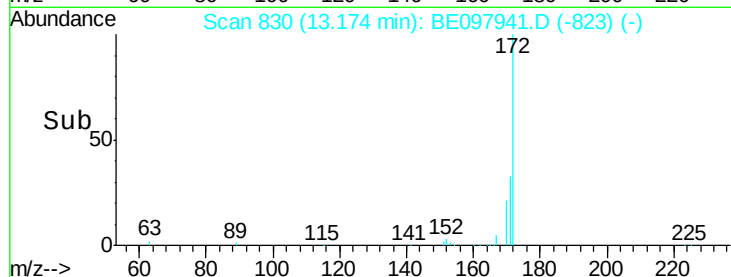
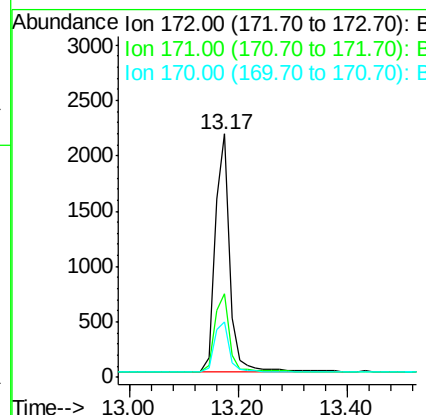
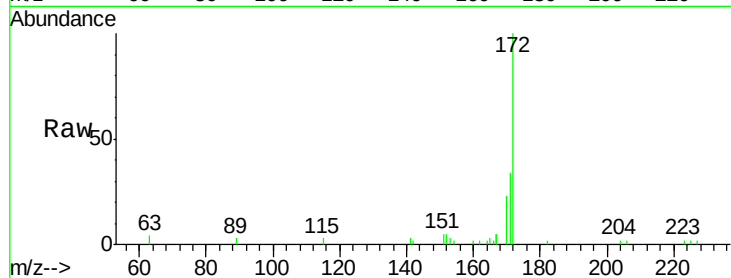




#15
 2-Fluorobiphenyl
 Concen: 0.197 ng
 RT: 13.17 min Scan# 830
 Delta R.T. -0.00 min
 Lab File: BE097941.D
 Acq: 17 Oct 2018 10:53

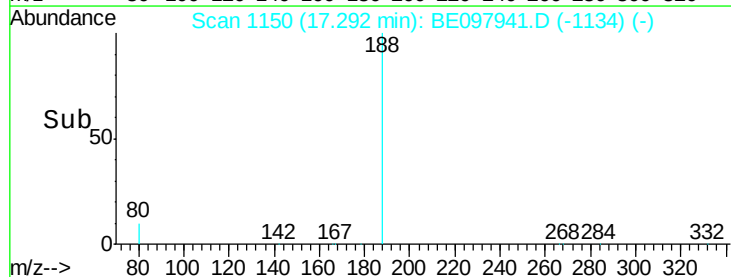
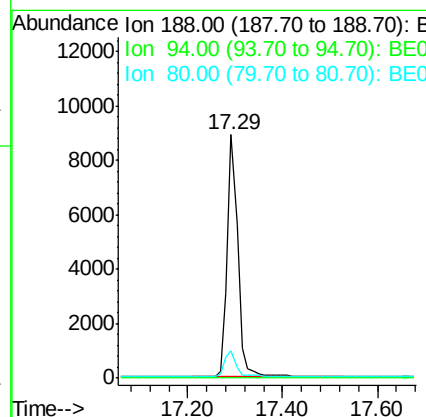
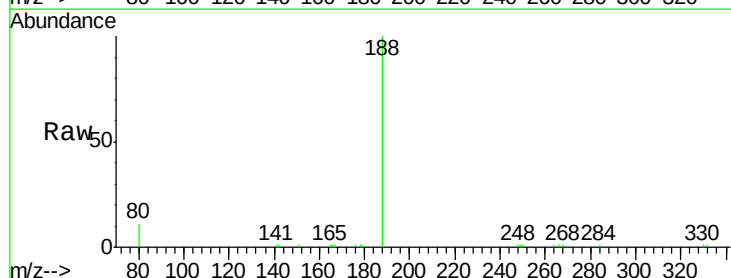
Instrument :
 BNA_E
 ClientSampleId :
 RE137-700FT-20181009DL

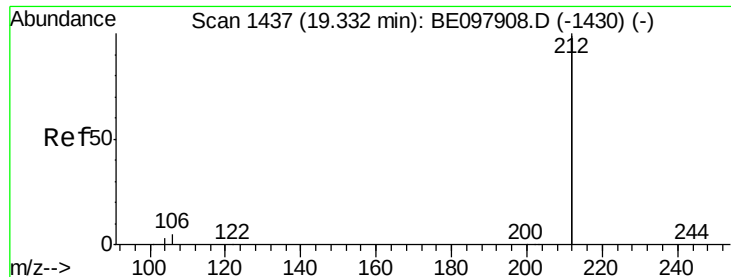
Tgt Ion:172 Resp: 4064
 Ion Ratio Lower Upper
 172 100
 171 34.3 26.0 39.0
 170 22.5 18.0 27.0



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.29 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BE097941.D
 Acq: 17 Oct 2018 10:53

Tgt Ion:188 Resp: 13965
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 11.2 6.3 9.5#





#25

Fluoranthene-d10

Concen: 0.179 ng

RT: 19.33 min Scan# 1436

Delta R.T. -0.00 min

Lab File: BE097941.D

Acq: 17 Oct 2018 10:53

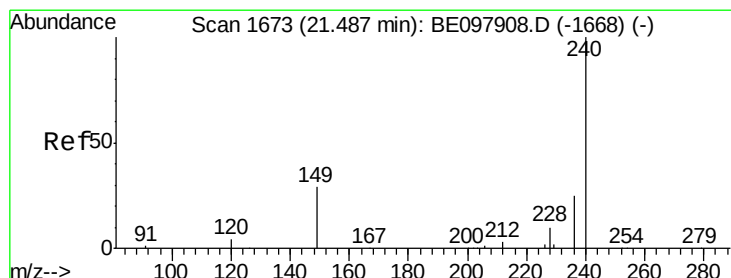
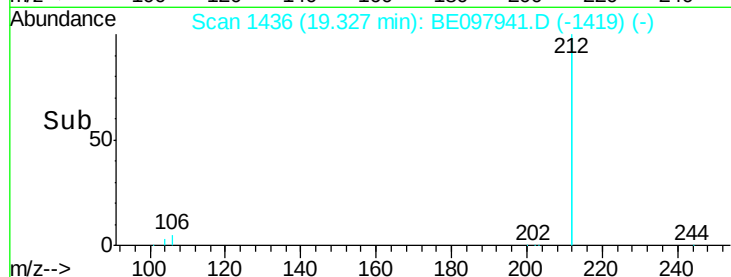
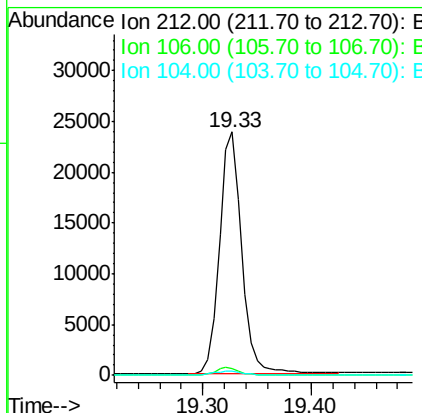
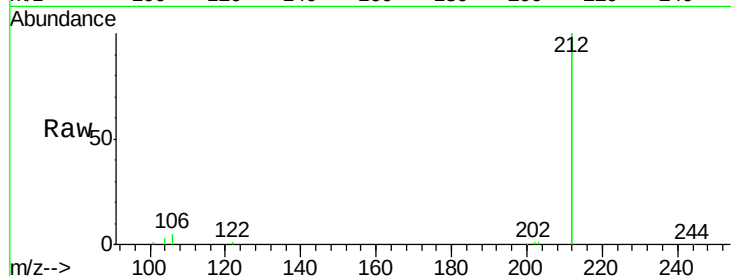
Instrument :

BNA_E

ClientSampleId :

RE137-700FT-20181009DL

Tgt Ion:	212	Resp:	33835
Ion	Ratio	Lower	Upper
212	100		
106	2.8	2.3	3.5
104	1.6	1.3	1.9



#27

Chrysene-d12

Concen: 0.400 ng

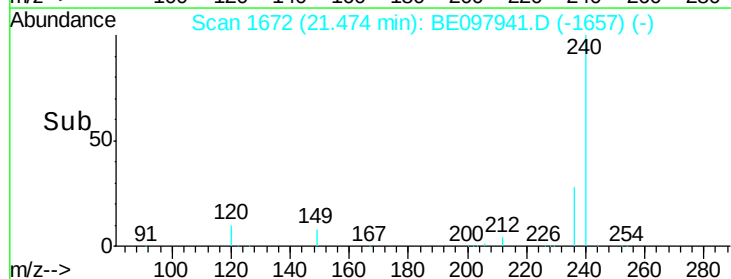
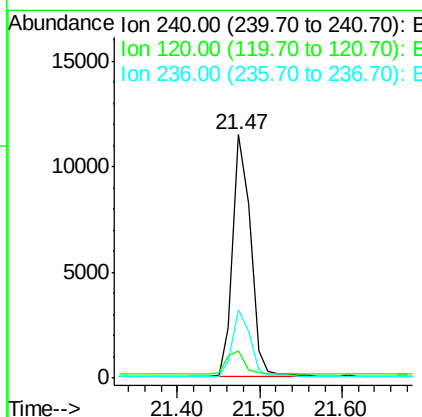
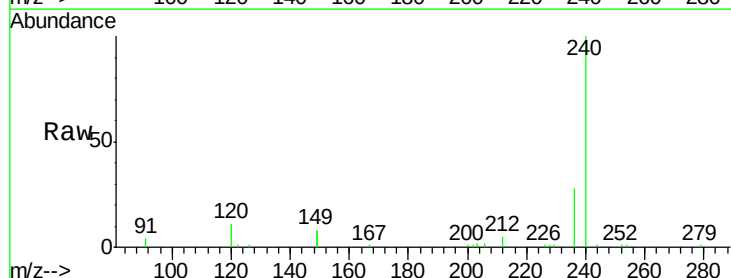
RT: 21.47 min Scan# 1672

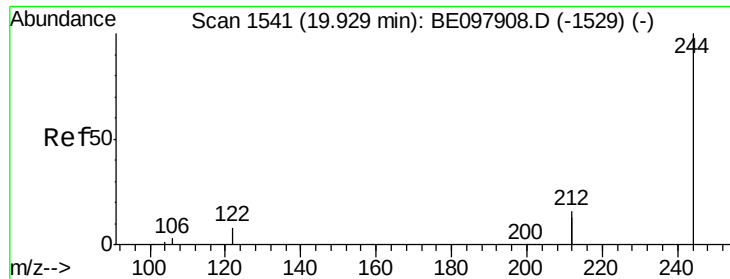
Delta R.T. -0.01 min

Lab File: BE097941.D

Acq: 17 Oct 2018 10:53

Tgt Ion:	240	Resp:	17463
Ion	Ratio	Lower	Upper
240	100		
120	11.3	7.1	10.7#
236	28.2	21.3	31.9





#29

Terphenyl-d14

Concen: 0.276 ng

RT: 19.92 min Scan# 1539

Delta R.T. -0.01 min

Lab File: BE097941.D

Acq: 17 Oct 2018 10:53

Instrument :

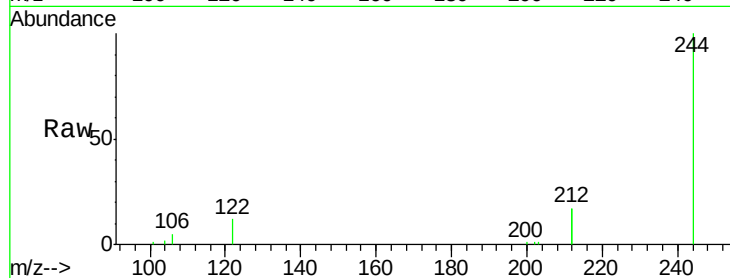
BNA_E

ClientSampleId :

RE137-700FT-20181009DL

Tgt Ion:244 Resp: 11061

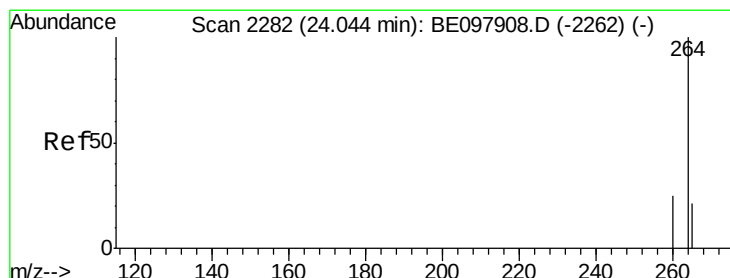
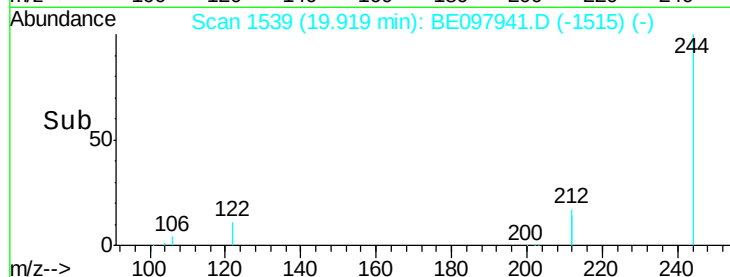
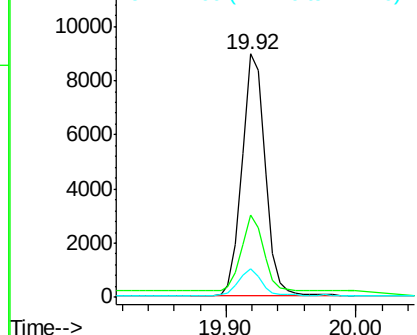
Ion	Ratio	Lower	Upper
244	100		
212	33.7	26.2	39.2
122	11.8	7.7	11.5



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# 2278

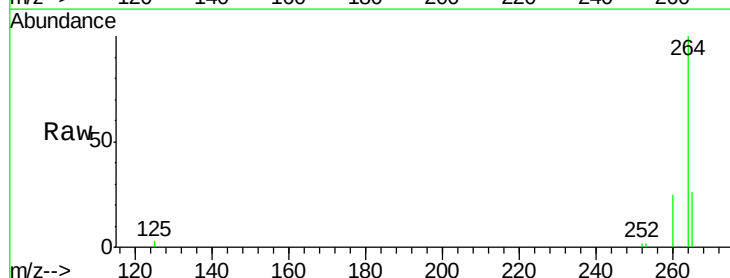
Delta R.T. -0.01 min

Lab File: BE097941.D

Acq: 17 Oct 2018 10:53

Tgt Ion:264 Resp: 18171

Ion	Ratio	Lower	Upper
264	100		
260	25.3	21.1	31.7
265	26.4	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

