

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101618\
 Data File : BE097942.D
 Acq On : 17 Oct 2018 11:32
 Operator : SJ/JU
 Sample : J5393-11DL 2X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE137-640FT-20181009DL

Quant Time: Oct 17 17:12:25 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

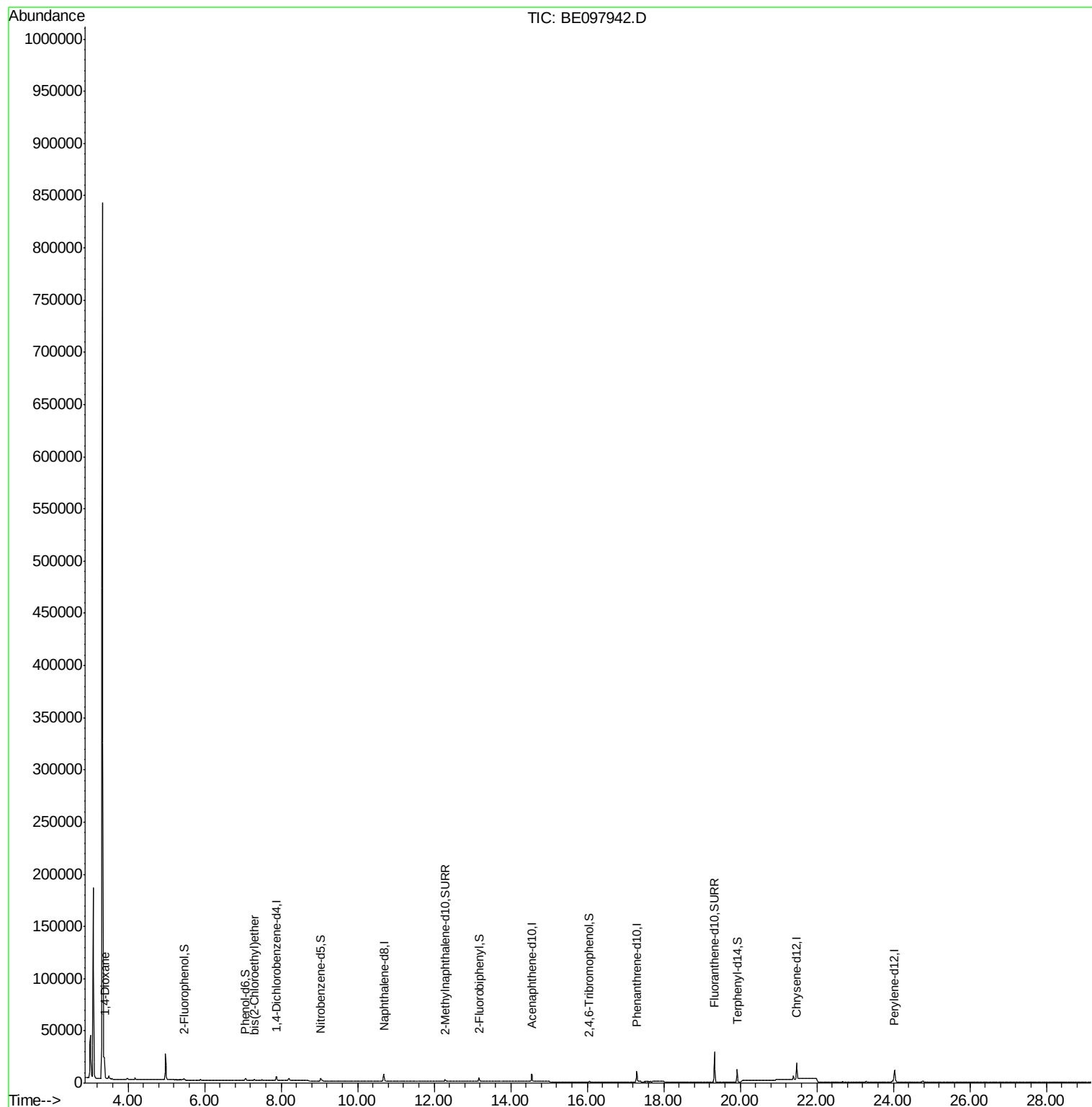
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	1955	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	8283	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	5267	0.40	ng	-0.02
19) Phenanthrene-d10	17.29	188	14155	0.40	ng	-0.01
27) Chrysene-d12	21.47	240	16433	0.40	ng	-0.01
34) Perylene-d12	24.03	264	16956	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	632	0.10	ng	0.00
5) Phenol-d6	7.06	99	520	0.06	ng	0.00
8) Nitrobenzene-d5	9.04	82	1476	0.19	ng	0.00
11) 2-Methylnaphthalene-d10	12.28	152	2718	0.20	ng	-0.02
14) 2,4,6-Tribromophenol	16.04	330	520	0.18	ng	0.00
15) 2-Fluorobiphenyl	13.17	172	4615	0.21	ng	0.00
25) Fluoranthene-d10	19.33	212	37955	0.20	ng	0.00
29) Terphenyl-d14	19.92	244	11605	0.31	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.38	88	8431	2.473	ng	97
6) bis(2-Chloroethyl)ether	7.30	93	272	0.035	ng	# 76

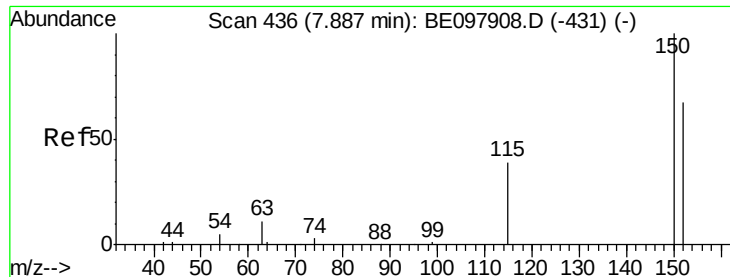
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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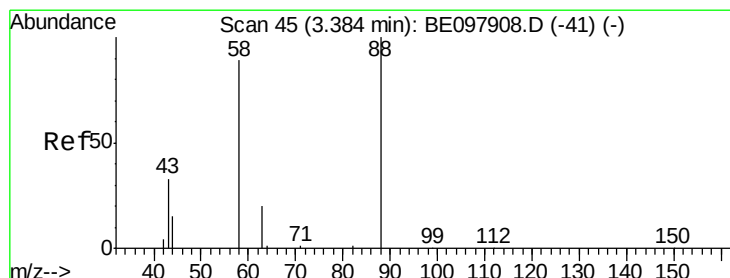
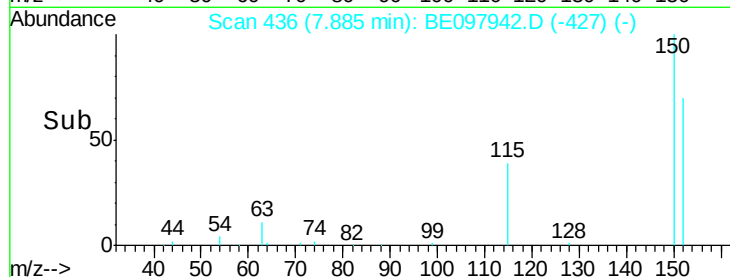
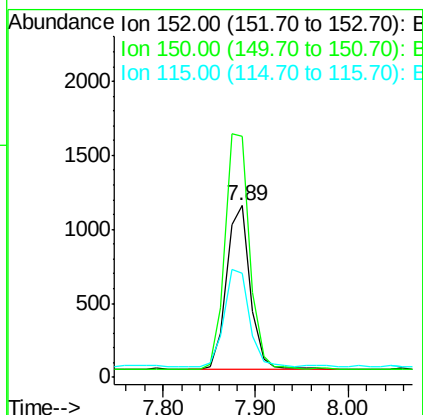
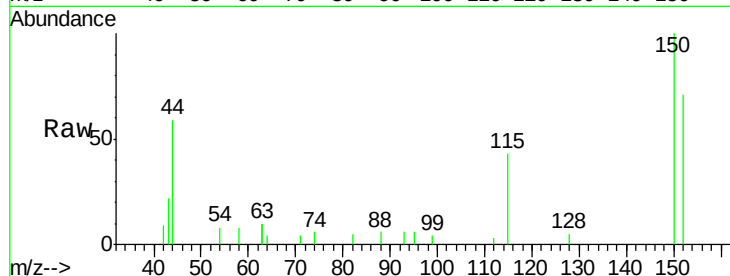


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.89 min Scan# 436
Delta R.T. -0.00 min
Lab File: BE097942.D
Acq: 17 Oct 2018 11:32

Instrument :
BNA_E
ClientSampleId :
RE137-640FT-20181009DL

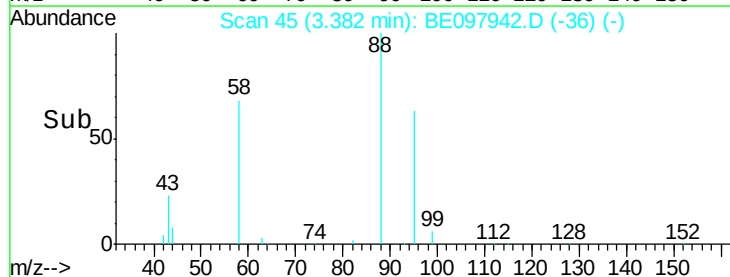
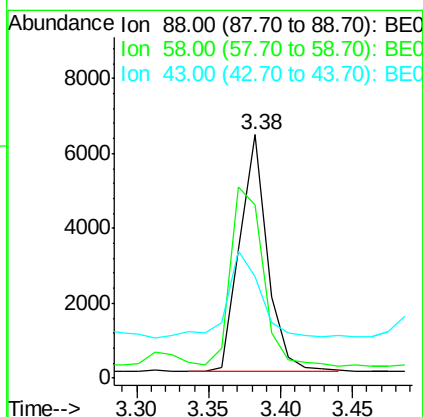
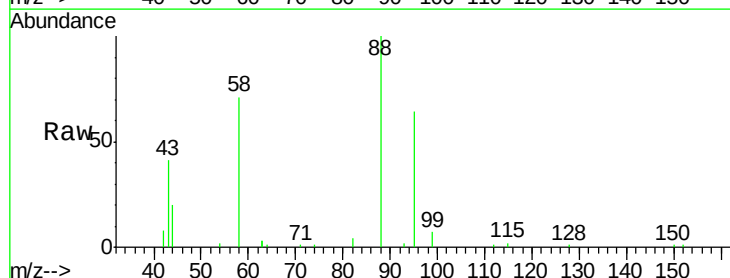
Tgt Ion:152 Resp: 1955
Ion Ratio Lower Upper
152 100
150 140.9 118.2 177.4
115 60.8 50.9 76.3

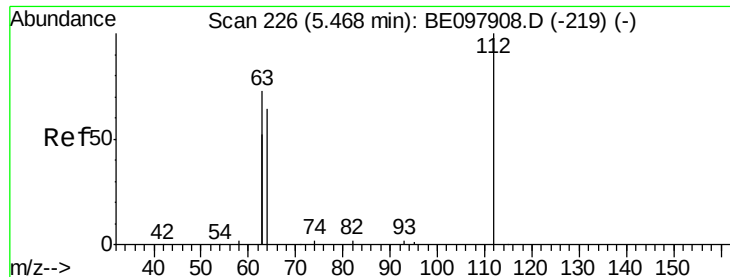


#2

1,4-Dioxane
Concen: 2.473 ng
RT: 3.38 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE097942.D
Acq: 17 Oct 2018 11:32

Tgt Ion: 88 Resp: 8431
Ion Ratio Lower Upper
88 100
58 87.8 73.2 109.8
43 44.6 36.9 55.3





#4

2-Fluorophenol

Concen: 0.103 ng

RT: 5.47 min Scan# 226

Delta R.T. -0.00 min

Lab File: BE097942.D

Acq: 17 Oct 2018 11:32

Instrument :

BNA_E

ClientSampleId :

RE137-640FT-20181009DL

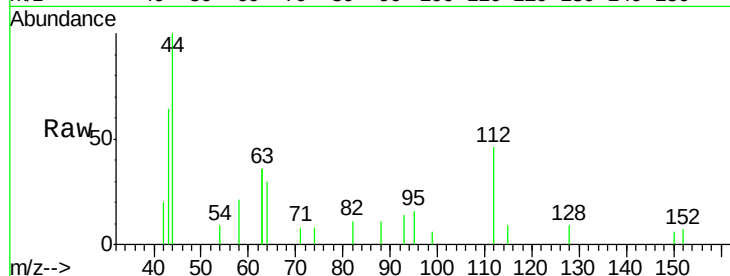
Tgt Ion: 112 Resp: 632

Ion Ratio Lower Upper

112 100

64 72.9 58.9 88.3

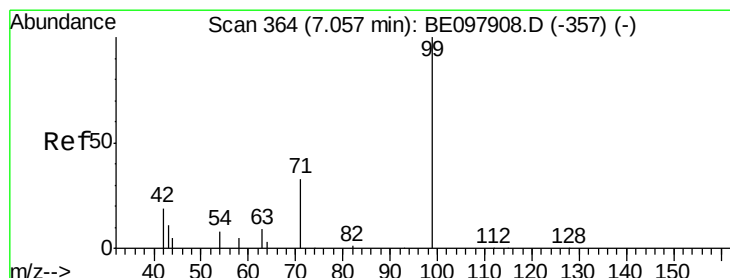
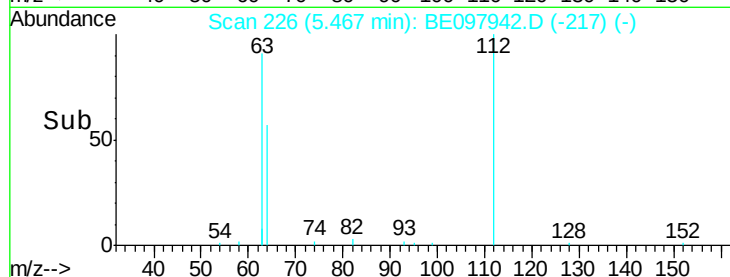
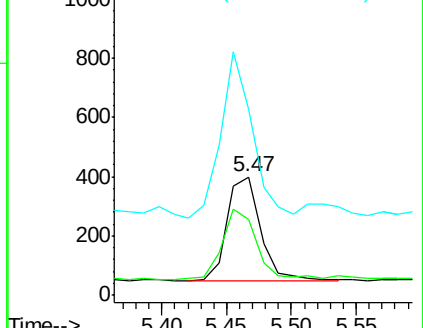
63 150.6 120.3 180.5



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: 0.057 ng

RT: 7.06 min Scan# 364

Delta R.T. -0.00 min

Lab File: BE097942.D

Acq: 17 Oct 2018 11:32

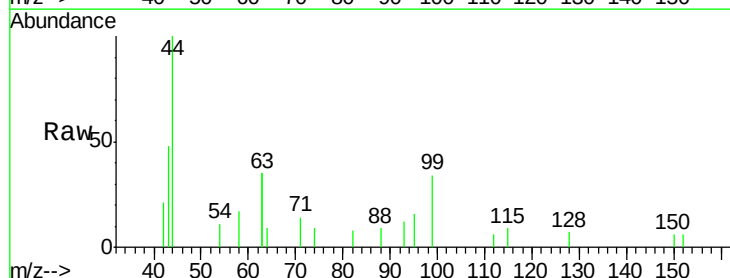
Tgt Ion: 99 Resp: 520

Ion Ratio Lower Upper

99 100

42 58.7 19.9 29.9#

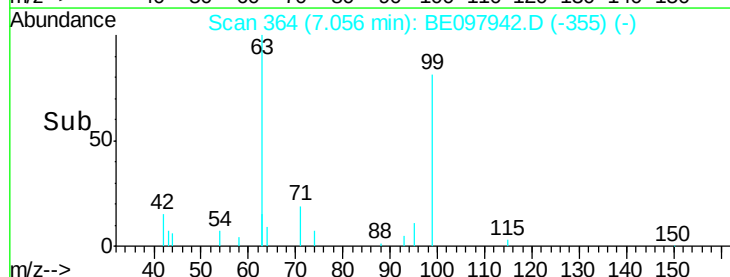
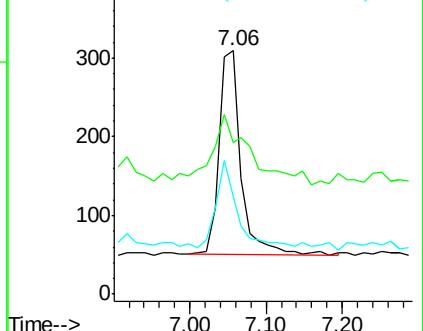
71 39.4 27.8 41.8

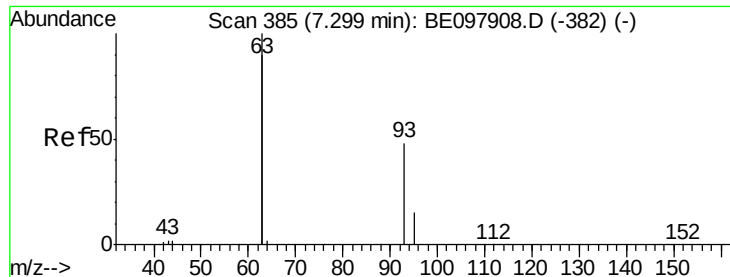


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.035 ng

RT: 7.30 min Scan# 385

Delta R.T. -0.00 min

Lab File: BE097942.D

Acq: 17 Oct 2018 11:32

Instrument :

BNA_E

ClientSampleId :

RE137-640FT-20181009DL

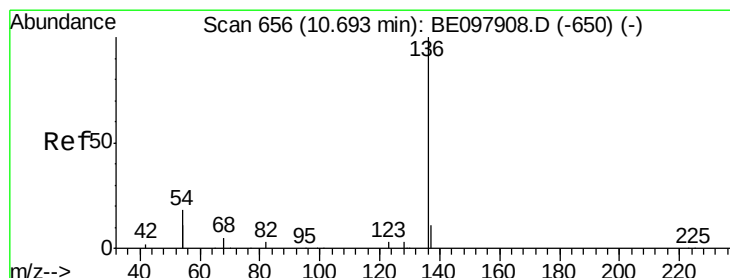
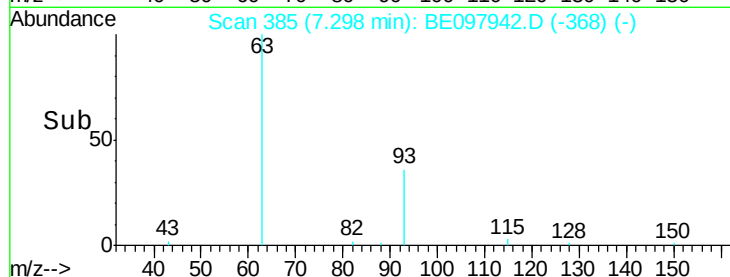
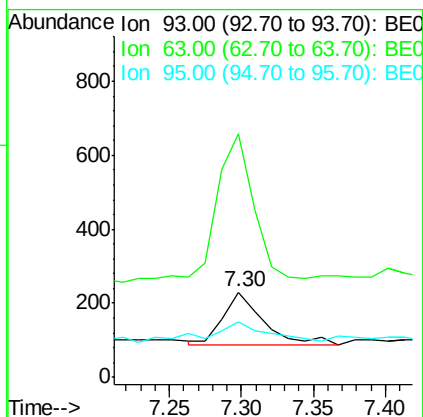
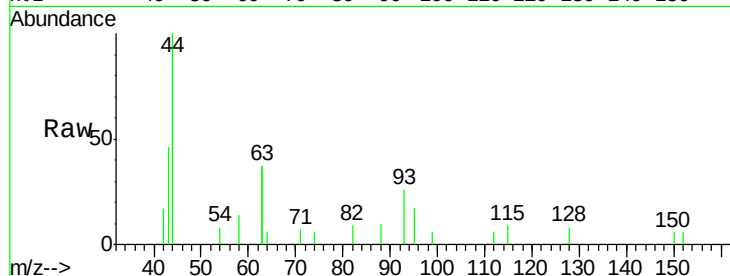
Tgt Ion: 93 Resp: 272

Ion Ratio Lower Upper

93 100

63 277.2 259.0 388.4

95 57.4 27.8 41.8#



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.69 min Scan# 656

Delta R.T. -0.00 min

Lab File: BE097942.D

Acq: 17 Oct 2018 11:32

Tgt Ion: 136 Resp: 8283

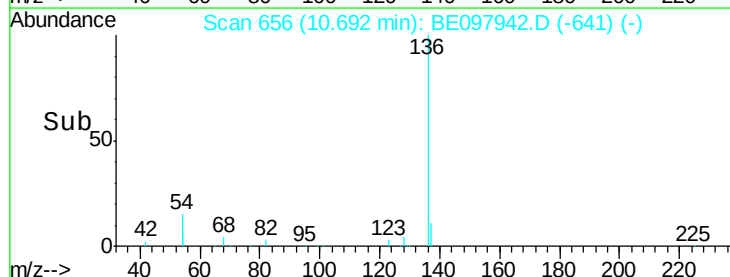
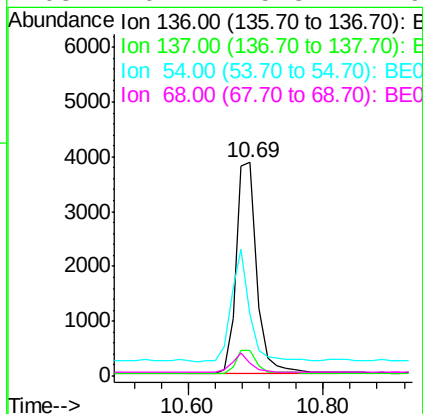
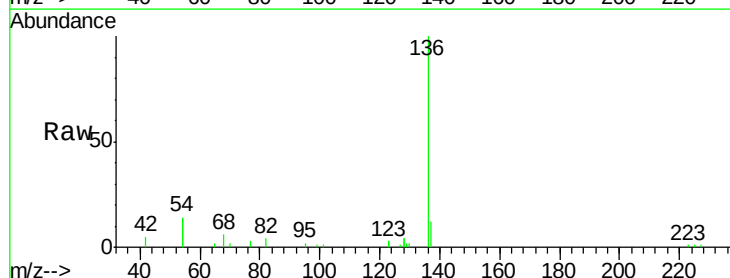
Ion Ratio Lower Upper

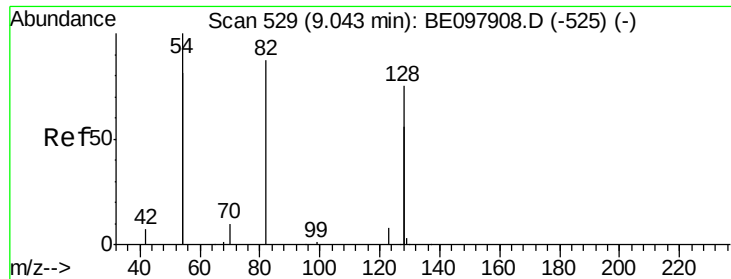
136 100

137 11.7 9.6 14.4

54 29.0 27.7 41.5

68 6.2 5.3 7.9





#8

Nitrobenzene-d5

Concen: 0.188 ng

RT: 9.04 min Scan# 529

Delta R.T. -0.00 min

Lab File: BE097942.D

Acq: 17 Oct 2018 11:32

Instrument :

BNA_E

ClientSampleId :

RE137-640FT-20181009DL

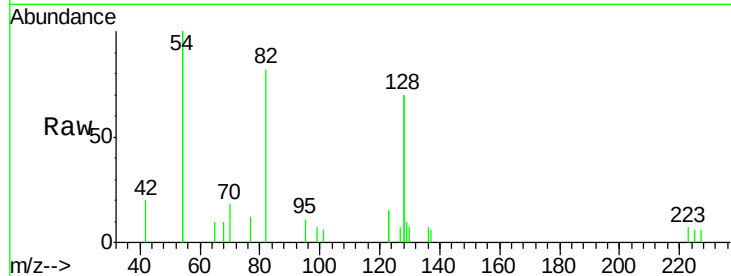
Tgt Ion: 82 Resp: 1476

Ion Ratio Lower Upper

82 100

128 169.9 129.9 194.9

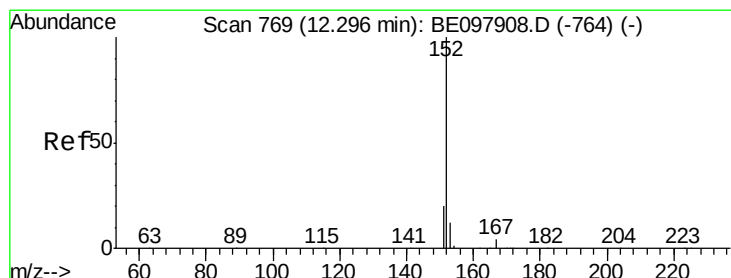
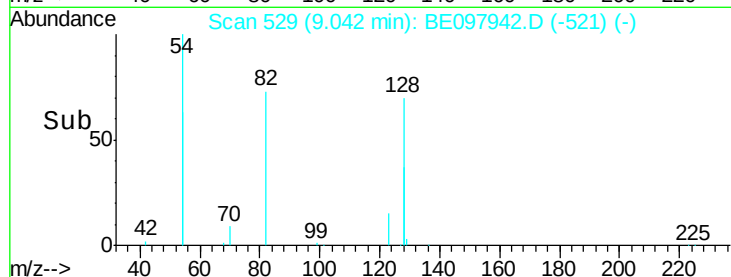
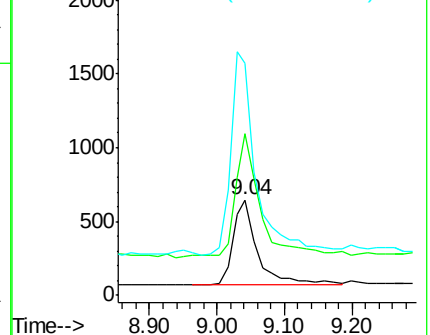
54 244.0 174.0 261.0



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: 0.197 ng

RT: 12.28 min Scan# 768

Delta R.T. -0.02 min

Lab File: BE097942.D

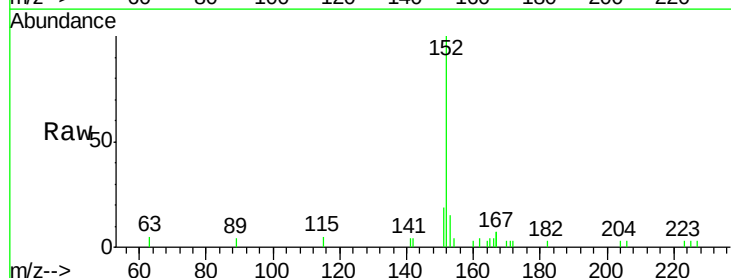
Acq: 17 Oct 2018 11:32

Tgt Ion: 152 Resp: 2718

Ion Ratio Lower Upper

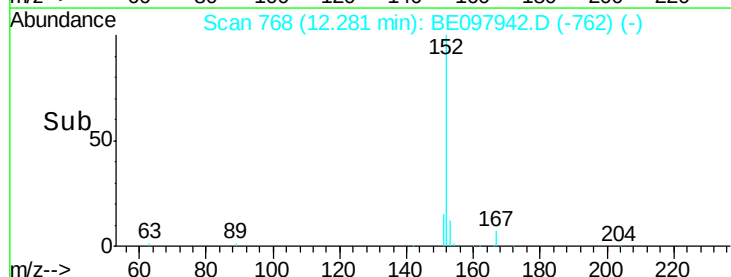
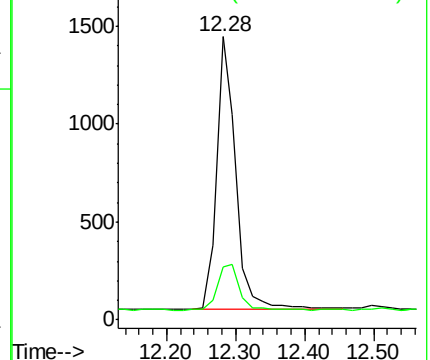
152 100

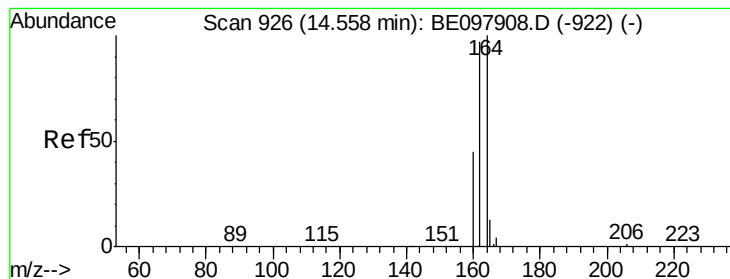
151 19.6 16.2 24.4



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: BE097942.D

Acq: 17 Oct 2018 11:32

Instrument :

BNA_E

ClientSampleId :

RE137-640FT-20181009DL

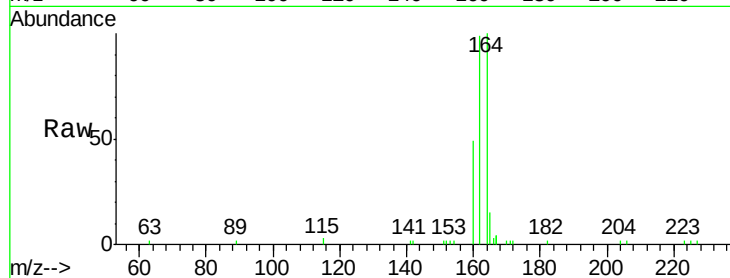
Tgt Ion:164 Resp: 5267

Ion Ratio Lower Upper

164 100

162 99.5 77.4 116.2

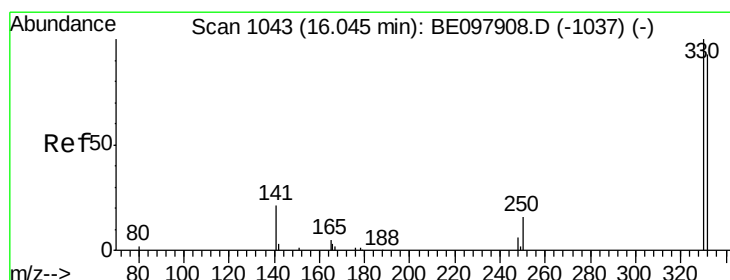
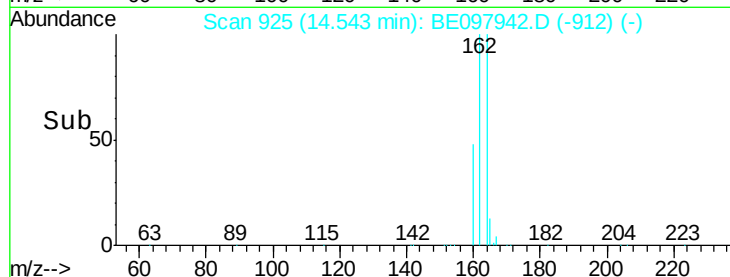
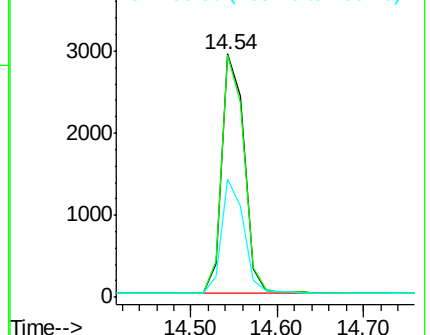
160 48.5 36.5 54.7



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: 0.184 ng

RT: 16.04 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BE097942.D

Acq: 17 Oct 2018 11:32

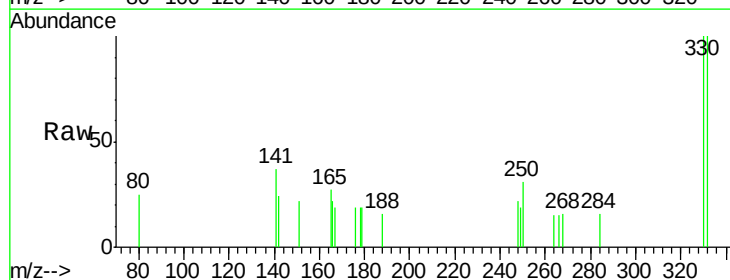
Tgt Ion:330 Resp: 520

Ion Ratio Lower Upper

330 100

332 95.6 76.5 114.7

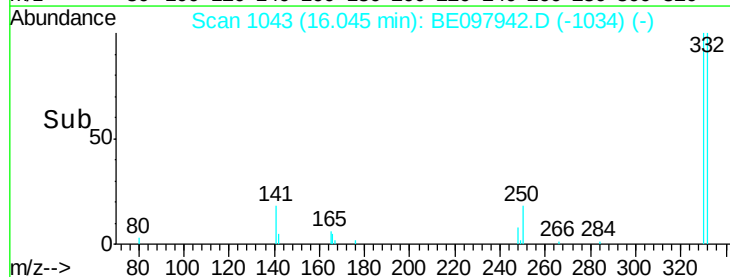
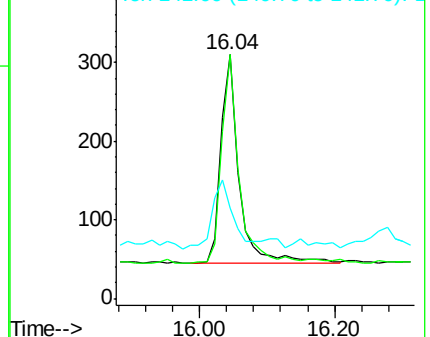
141 37.7 31.8 47.6

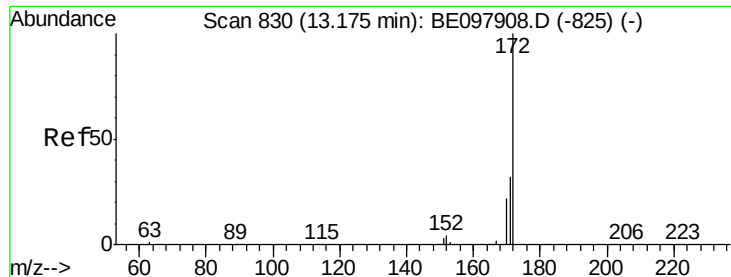


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

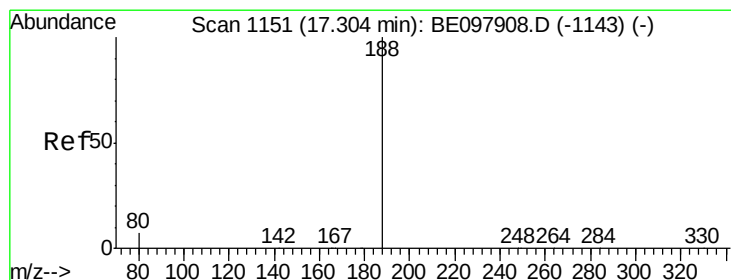
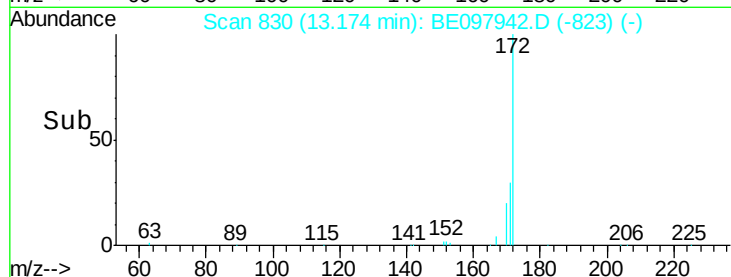
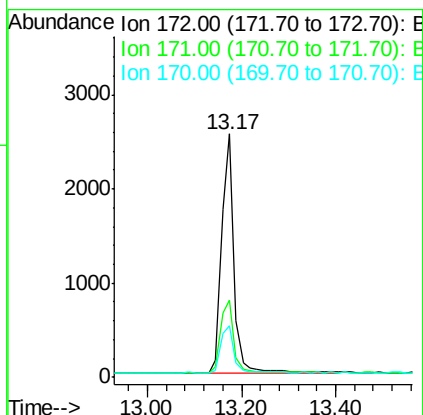
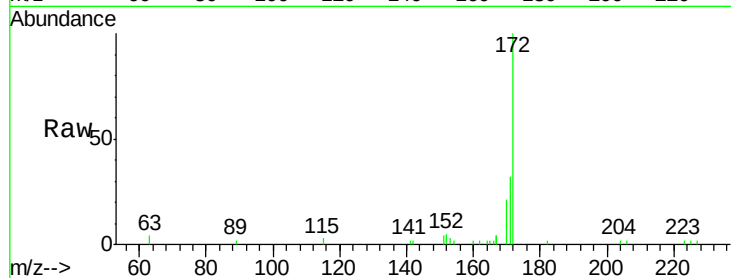




#15
2-Fluorobiphenyl
Concen: 0.214 ng
RT: 13.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BE097942.D
Acq: 17 Oct 2018 11:32

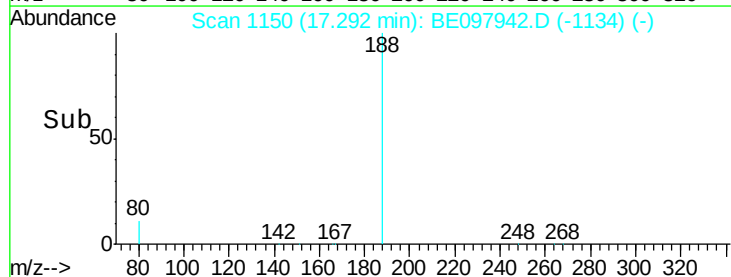
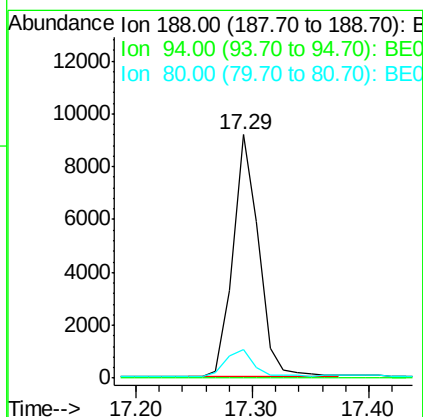
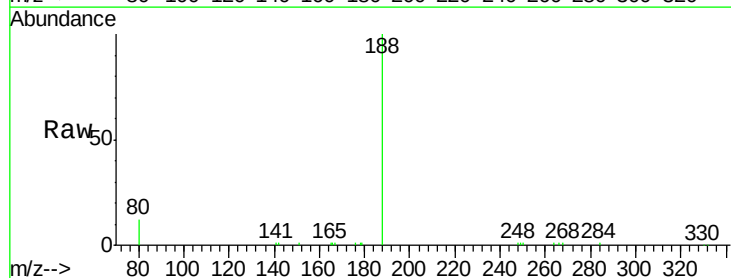
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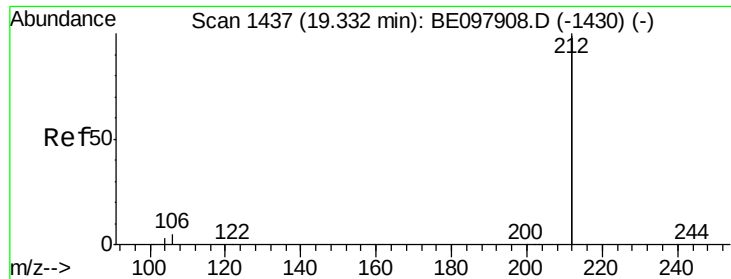
Tgt Ion:172 Resp: 4615
Ion Ratio Lower Upper
172 100
171 31.6 26.0 39.0
170 21.2 18.0 27.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.29 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BE097942.D
Acq: 17 Oct 2018 11:32

Tgt Ion:188 Resp: 14155
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.8 6.3 9.5#





#25

Fluoranthene-d10

Concen: 0.198 ng

RT: 19.33 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BE097942.D

Acq: 17 Oct 2018 11:32

Instrument :

BNA_E

ClientSampleId :

RE137-640FT-20181009DL

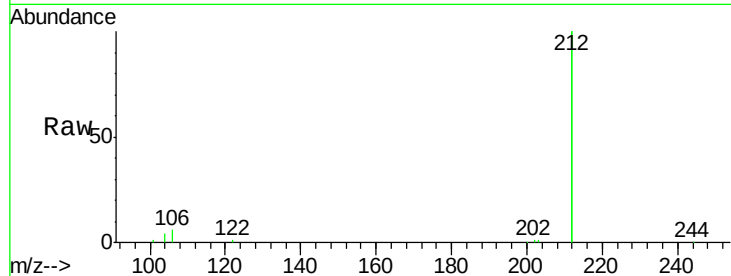
Tgt Ion:212 Resp: 37955

Ion Ratio Lower Upper

212 100

106 2.9 2.3 3.5

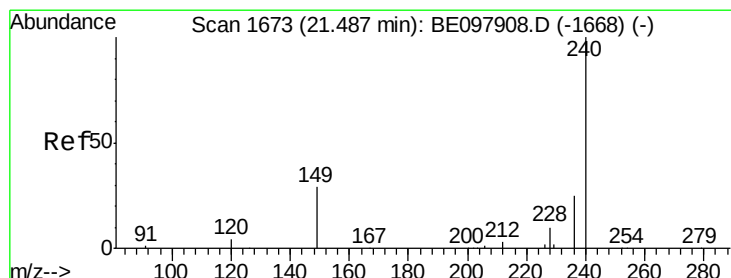
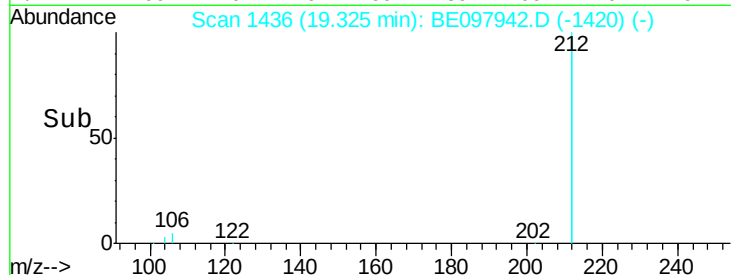
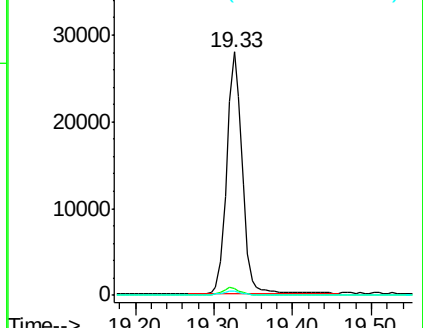
104 1.7 1.3 1.9



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.47 min Scan# 1672

Delta R.T. -0.01 min

Lab File: BE097942.D

Acq: 17 Oct 2018 11:32

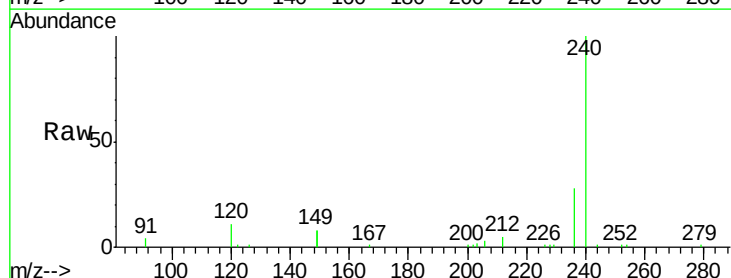
Tgt Ion:240 Resp: 16433

Ion Ratio Lower Upper

240 100

120 10.5 7.1 10.7

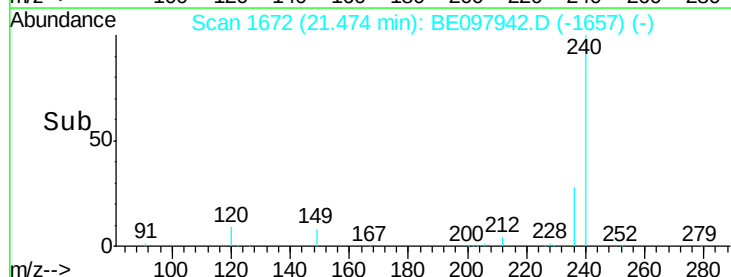
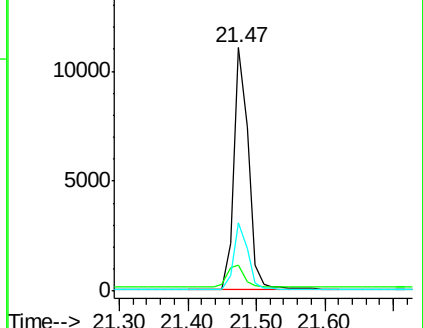
236 28.0 21.3 31.9

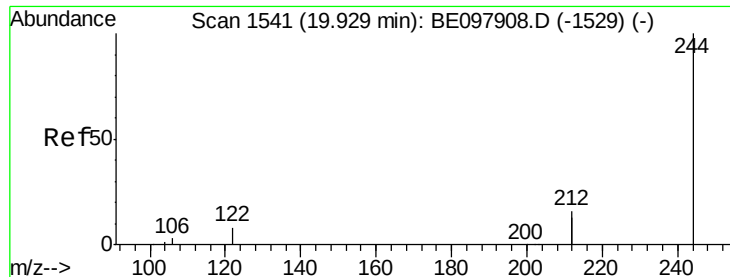


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.308 ng

RT: 19.92 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BE097942.D

Acq: 17 Oct 2018 11:32

Instrument :

BNA_E

ClientSampleId :

RE137-640FT-20181009DL

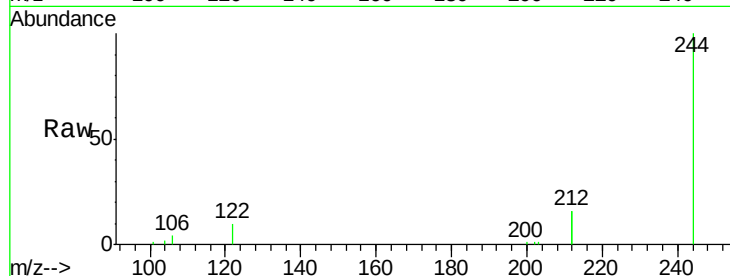
Tgt Ion:244 Resp: 11605

Ion Ratio Lower Upper

244 100

212 31.0 26.2 39.2

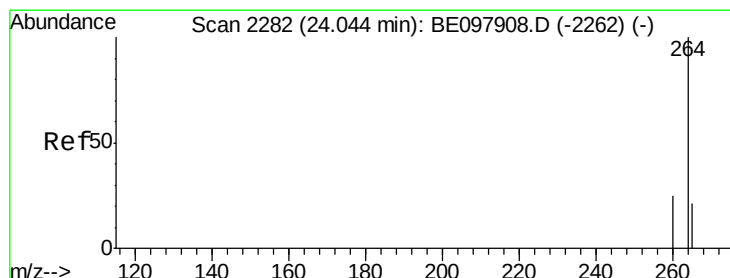
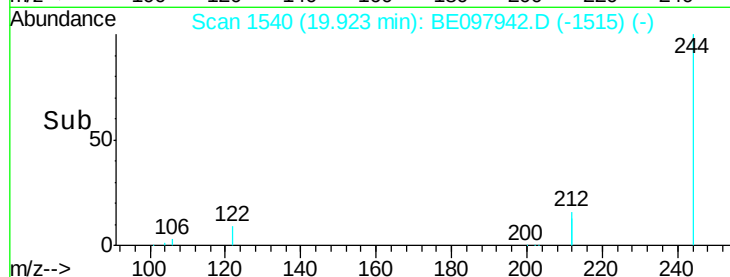
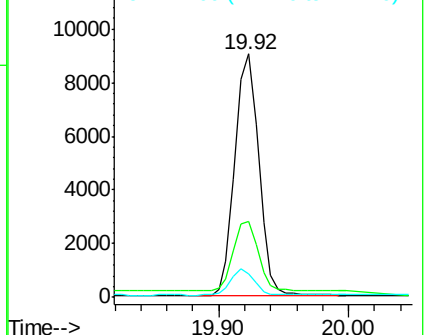
122 9.8 7.7 11.5



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# 2279

Delta R.T. -0.01 min

Lab File: BE097942.D

Acq: 17 Oct 2018 11:32

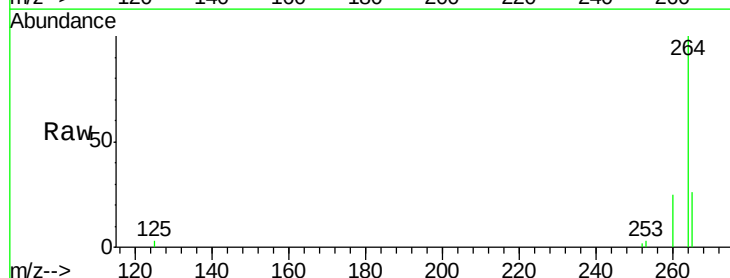
Tgt Ion:264 Resp: 16956

Ion Ratio Lower Upper

264 100

260 24.9 21.1 31.7

265 26.3 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

