

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE101618\
 Data File : BE097940.D
 Acq On : 17 Oct 2018 10:17
 Operator : SJ/JU
 Sample : J5393-09DL 2X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE-137-745FT-2018109DL

Quant Time: Oct 17 16:58:40 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

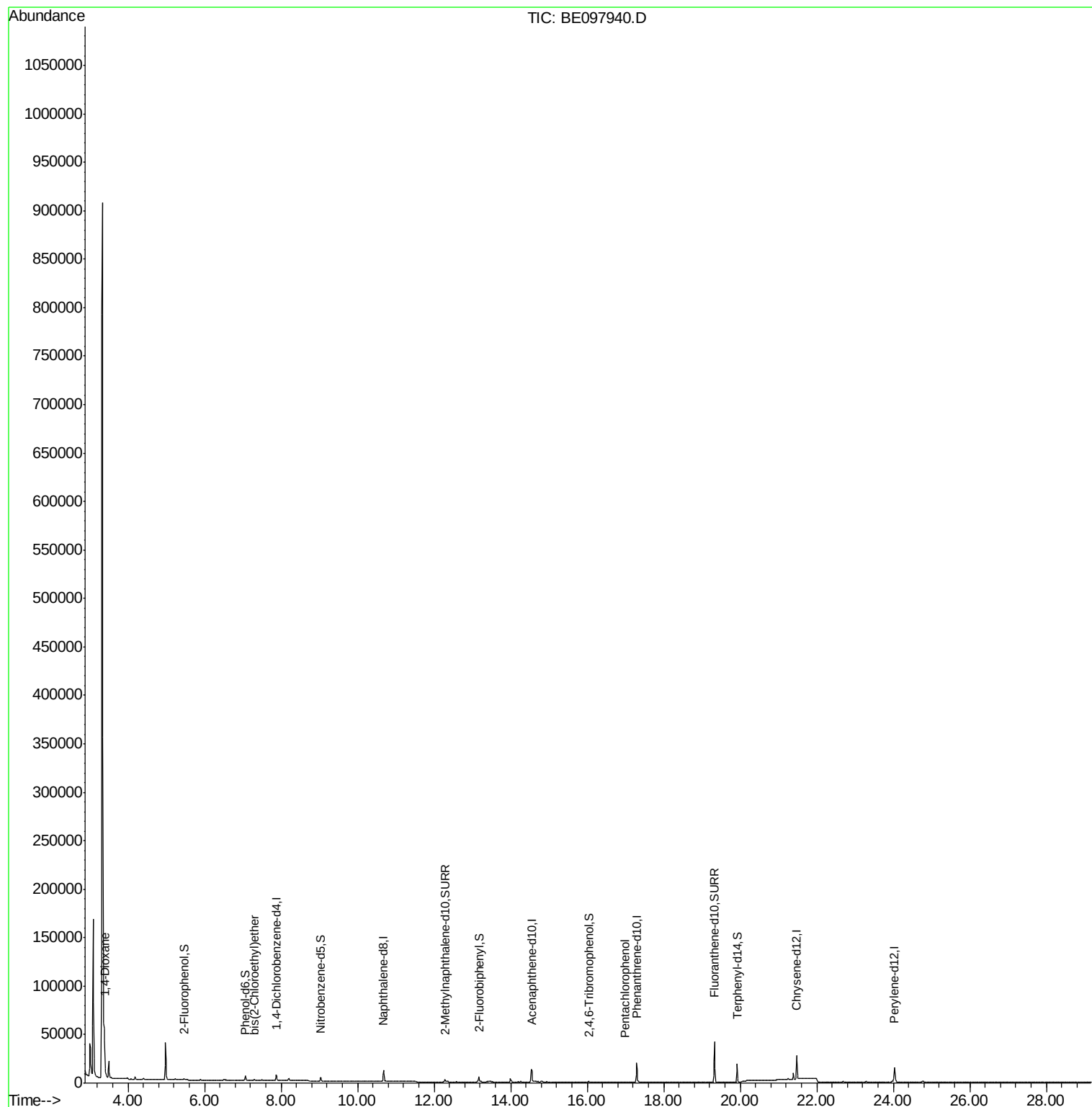
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	2951	0.40	ng	-0.01
7) Naphthalene-d8	10.68	136	13018	0.40	ng	-0.01
13) Acenaphthene-d10	14.54	164	9019	0.40	ng	-0.02
19) Phenanthrene-d10	17.29	188	26770	0.40	ng	-0.01
27) Chrysene-d12	21.47	240	27676	0.40	ng	-0.01
34) Perylene-d12	24.03	264	21593	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	540	0.06	ng	-0.01
5) Phenol-d6	7.05	99	612	0.04	ng	-0.01
8) Nitrobenzene-d5	9.04	82	1814	0.15	ng	0.00
11) 2-Methylnaphthalene-d10	12.28	152	3255	0.15	ng	-0.02
14) 2,4,6-Tribromophenol	16.04	330	612	0.13	ng	0.00
15) 2-Fluorobiphenyl	13.17	172	5566	0.15	ng	0.00
25) Fluoranthene-d10	19.33	212	54240	0.15	ng	0.00
29) Terphenyl-d14	19.92	244	16554	0.26	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.38	88	10959	2.130	ng	93
6) bis(2-Chloroethyl)ether	7.30	93	269	0.023	ng	# 88
22) Pentachlorophenol	16.99	266	35	0.040	ng	# 61
32) Bis(2-ethylhexyl)phthalate	21.39	149	7453	Below Cal		99
33) Indeno(1,2,3-cd)pyrene	26.73	276	14	Below Cal	#	53

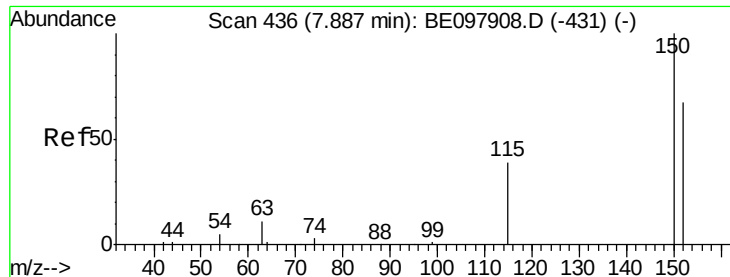
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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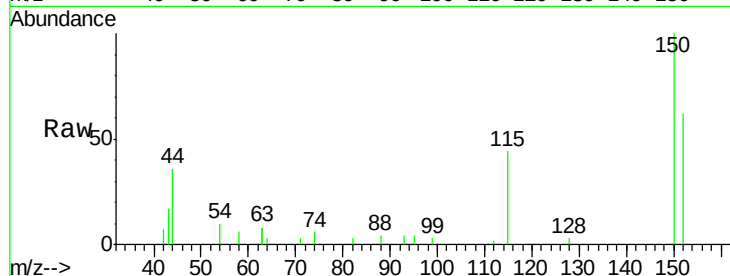


#1

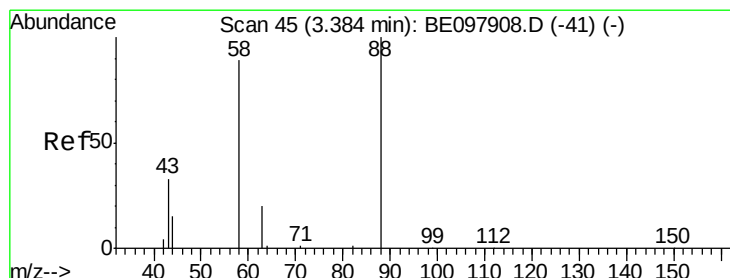
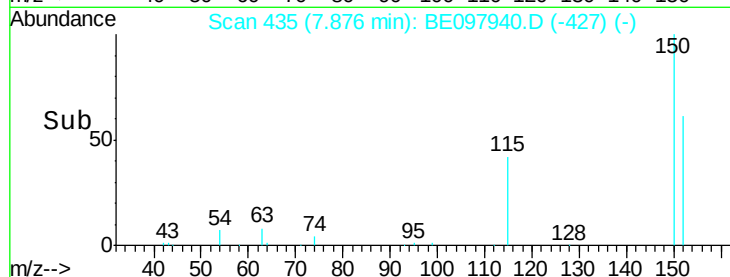
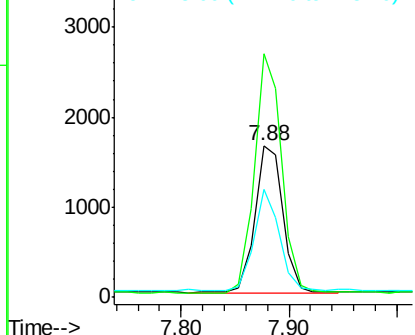
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.88 min Scan# 435
Delta R.T. -0.01 min
Lab File: BE097940.D
Acq: 17 Oct 2018 10:17

Instrument :
BNA_E
ClientSampleId :
RE-137-745FT-2018109DL

Tgt Ion:152 Resp: 2951
Ion Ratio Lower Upper
152 100
150 160.5 118.2 177.4
115 70.8 50.9 76.3



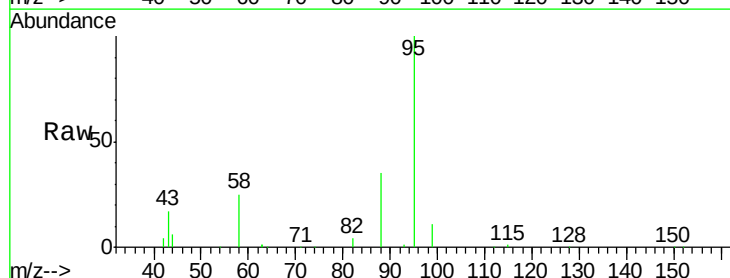
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



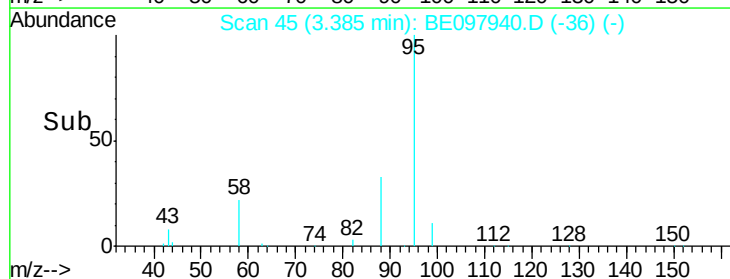
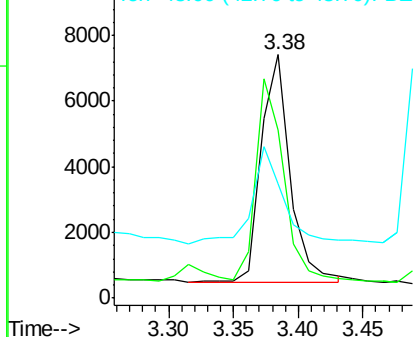
#2

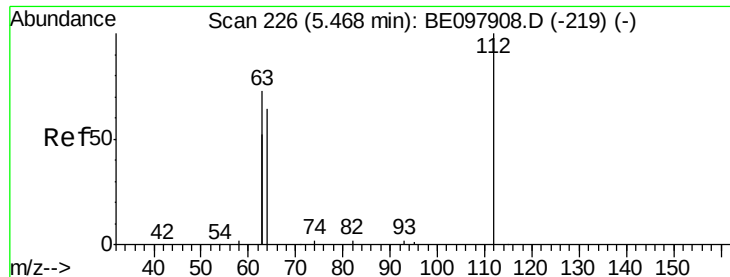
1,4-Dioxane
Concen: 2.130 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.00 min
Lab File: BE097940.D
Acq: 17 Oct 2018 10:17

Tgt Ion: 88 Resp: 10959
Ion Ratio Lower Upper
88 100
58 81.9 73.2 109.8
43 45.8 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: 0.058 ng

RT: 5.46 min Scan# 225

Delta R.T. -0.01 min

Lab File: BE097940.D

Acq: 17 Oct 2018 10:17

Instrument :

BNA_E

ClientSampleId :

RE-137-745FT-2018109DL

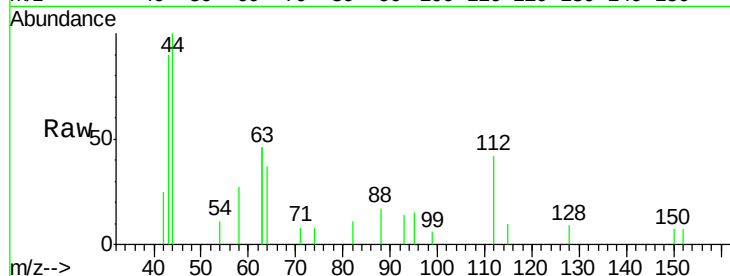
Tgt Ion: 112 Resp: 540

Ion Ratio Lower Upper

112 100

64 76.9 58.9 88.3

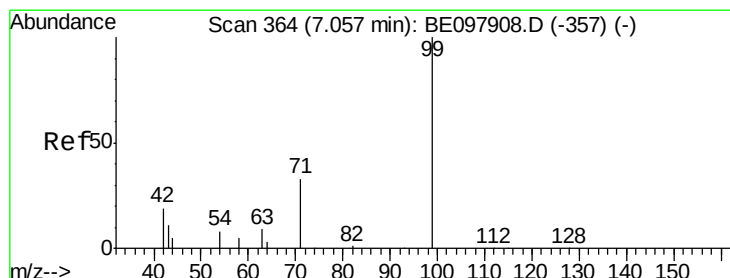
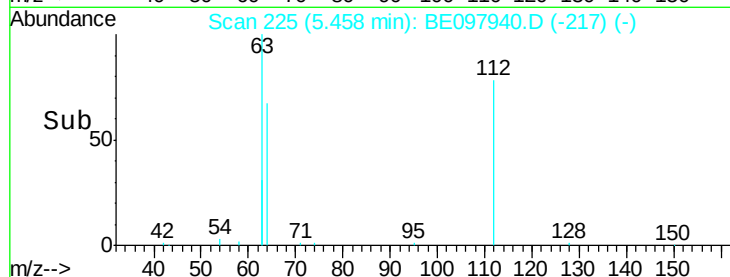
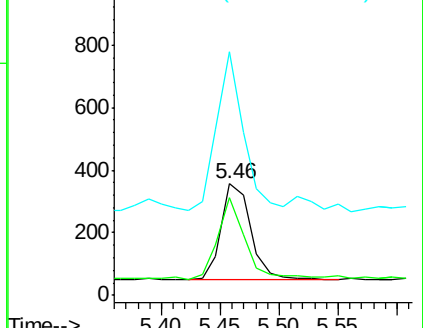
63 148.5 120.3 180.5



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: 0.045 ng

RT: 7.05 min Scan# 363

Delta R.T. -0.01 min

Lab File: BE097940.D

Acq: 17 Oct 2018 10:17

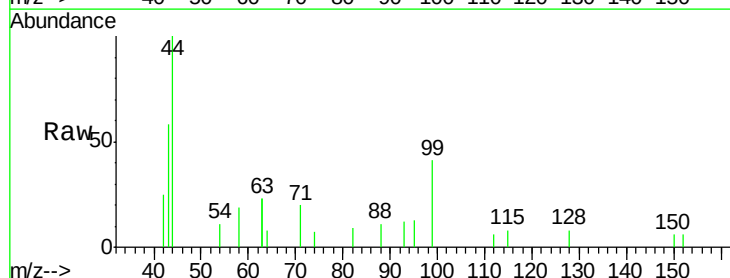
Tgt Ion: 99 Resp: 612

Ion Ratio Lower Upper

99 100

42 0.0 19.9 29.9#

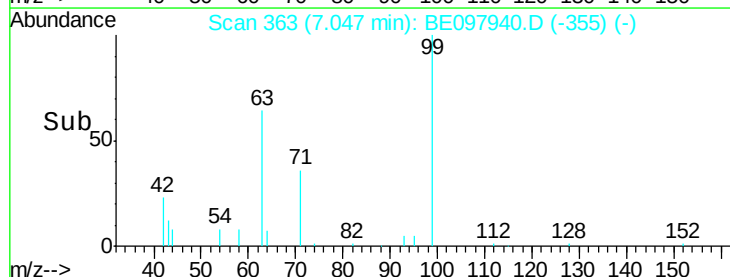
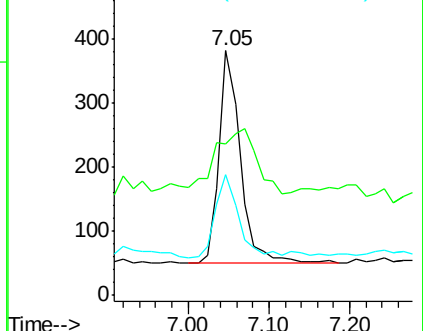
71 42.2 27.8 41.8#

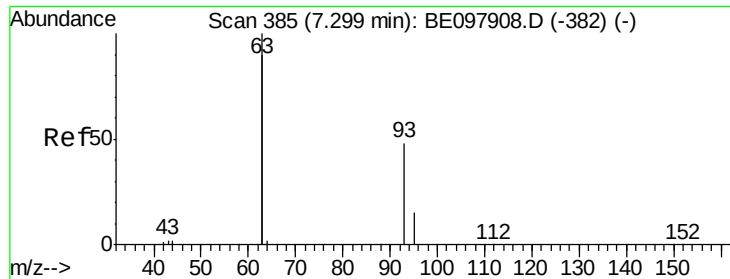


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.023 ng

RT: 7.30 min Scan# 385

Delta R.T. 0.00 min

Lab File: BE097940.D

Acq: 17 Oct 2018 10:17

Instrument :

BNA_E

ClientSampleId :

RE-137-745FT-2018109DL

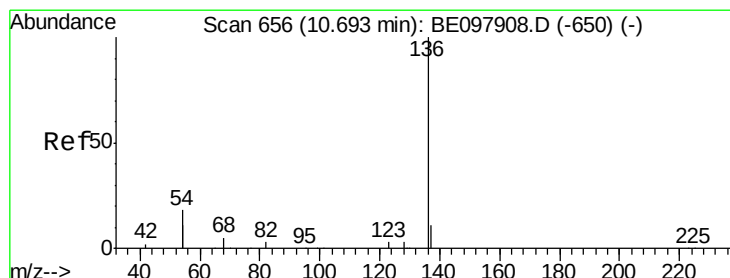
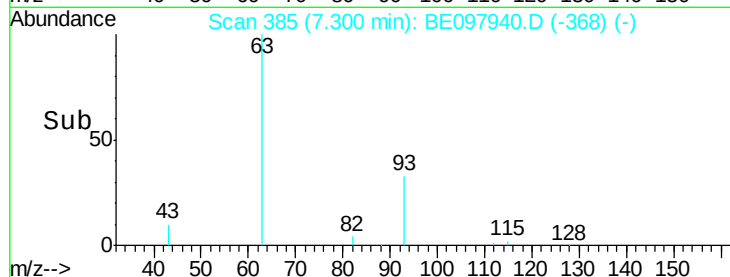
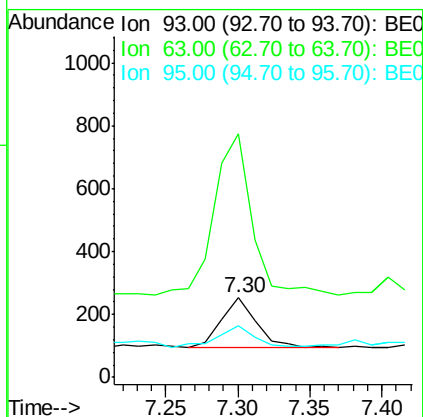
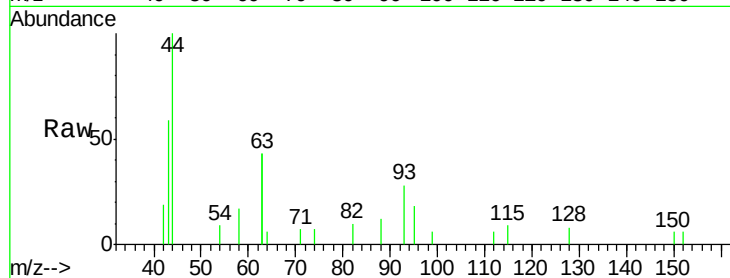
Tgt Ion: 93 Resp: 269

Ion Ratio Lower Upper

93 100

63 346.1 259.0 388.4

95 46.1 27.8 41.8#



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.68 min Scan# 655

Delta R.T. -0.01 min

Lab File: BE097940.D

Acq: 17 Oct 2018 10:17

Tgt Ion: 136 Resp: 13018

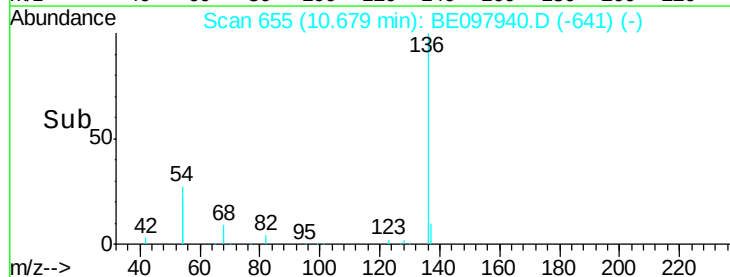
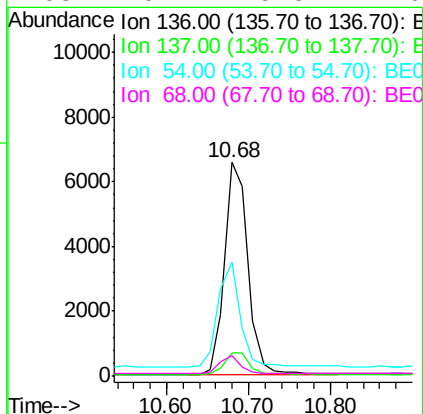
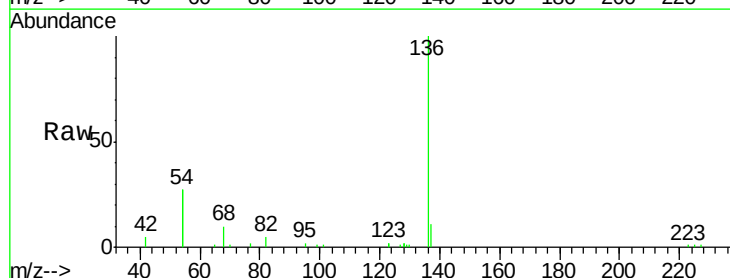
Ion Ratio Lower Upper

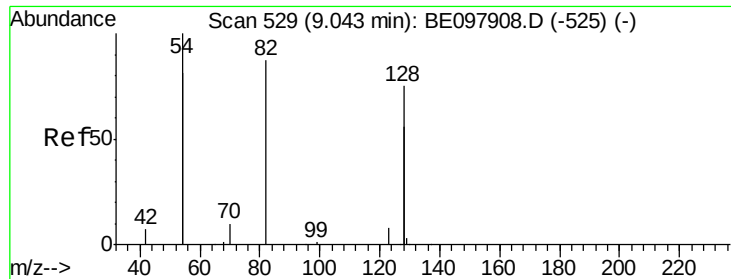
136 100

137 10.9 9.6 14.4

54 53.6 27.7 41.5#

68 9.7 5.3 7.9#





#8

Nitrobenzene-d5

Concen: 0.147 ng

RT: 9.04 min Scan# 529

Delta R.T. -0.00 min

Lab File: BE097940.D

Acq: 17 Oct 2018 10:17

Instrument :

BNA_E

ClientSampleId :

RE-137-745FT-2018109DL

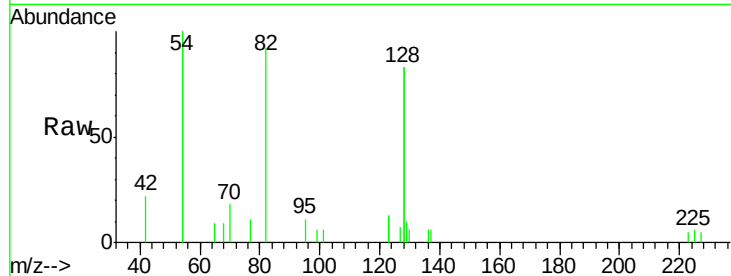
Tgt Ion: 82 Resp: 1814

Ion Ratio Lower Upper

82 100

128 179.9 129.9 194.9

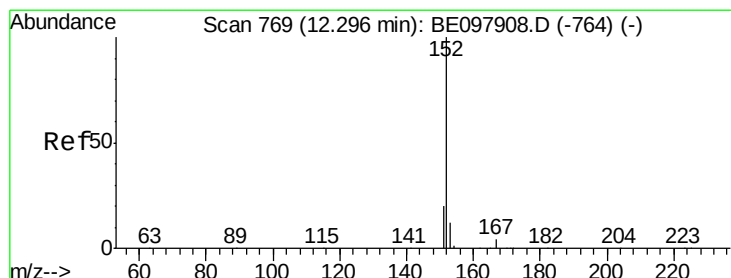
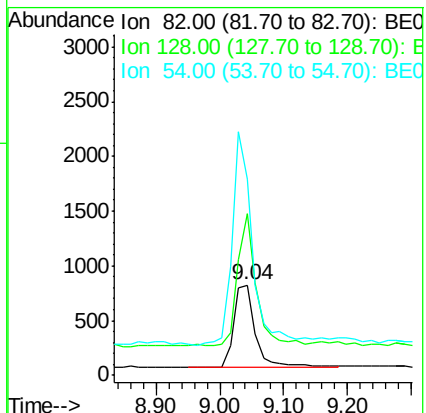
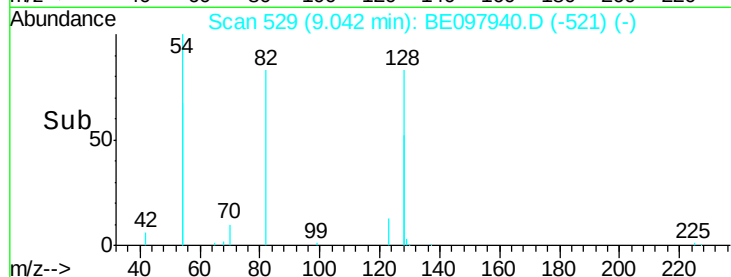
54 218.0 174.0 261.0



Abundance Ion 82.00 (81.70 to 82.70): BE097940.D (-521) (-)

Ion 128.00 (127.70 to 128.70): BE097940.D (-521) (-)

Ion 54.00 (53.70 to 54.70): BE097940.D (-521) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.150 ng

RT: 12.28 min Scan# 768

Delta R.T. -0.02 min

Lab File: BE097940.D

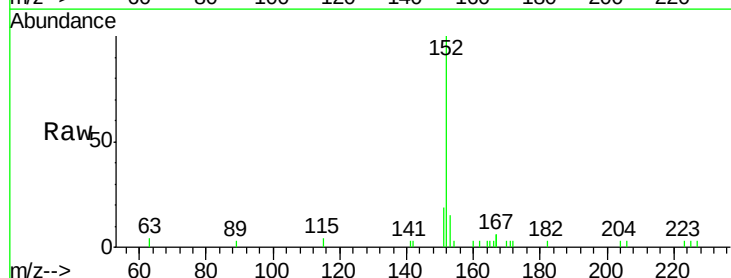
Acq: 17 Oct 2018 10:17

Tgt Ion: 152 Resp: 3255

Ion Ratio Lower Upper

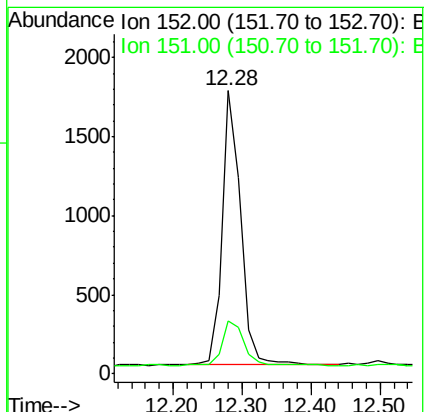
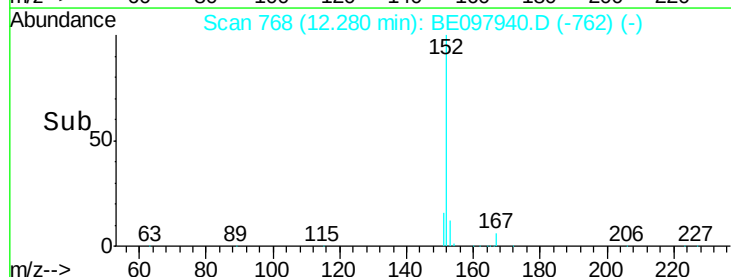
152 100

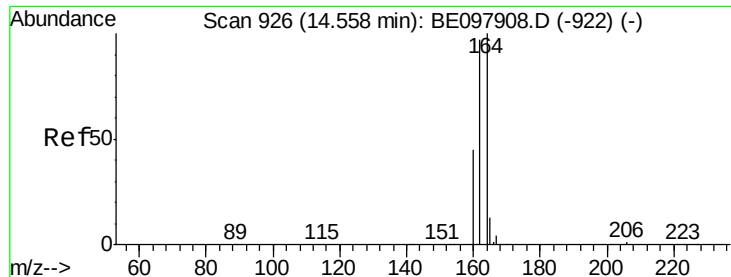
151 19.3 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): BE097940.D (-762) (-)

Ion 151.00 (150.70 to 151.70): BE097940.D (-762) (-)

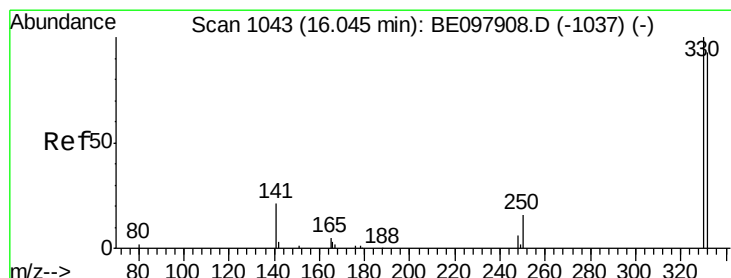
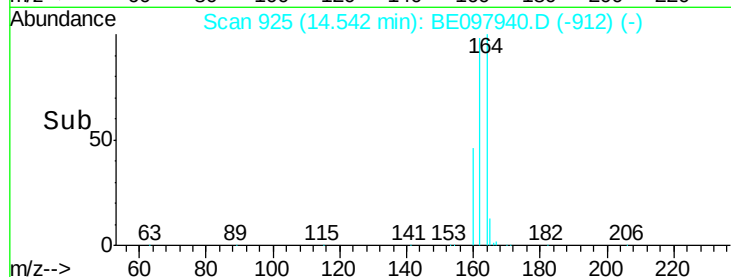
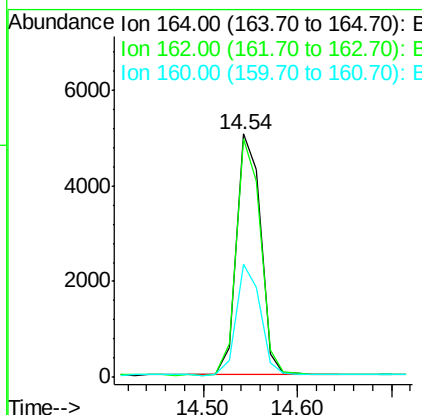
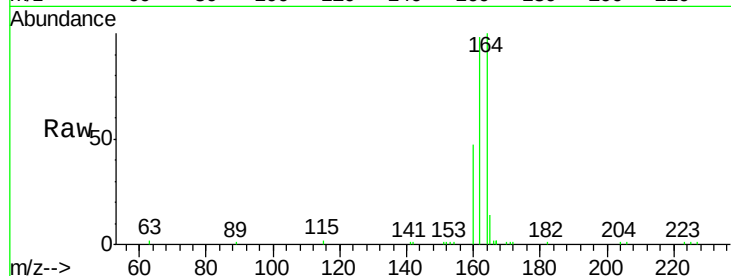




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.54 min Scan# 925
 Delta R.T. -0.02 min
 Lab File: BE097940.D
 Acq: 17 Oct 2018 10:17

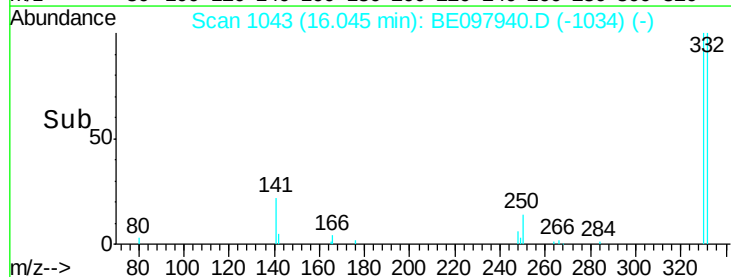
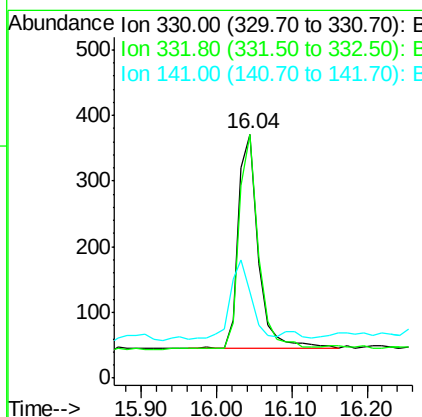
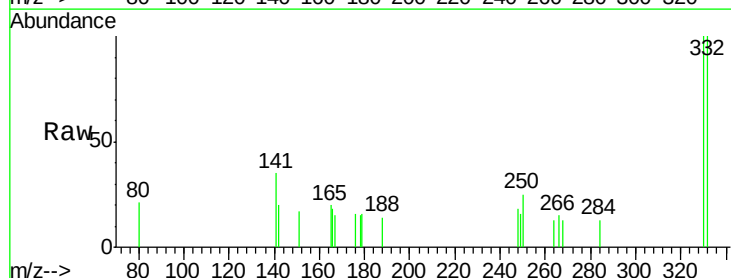
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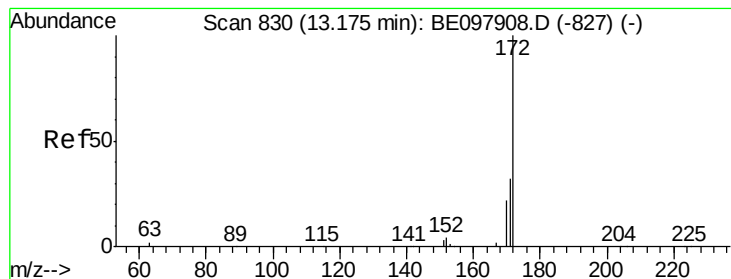
Tgt Ion:164 Resp: 9019
 Ion Ratio Lower Upper
 164 100
 162 98.0 77.4 116.2
 160 46.6 36.5 54.7



#14
 2,4,6-Tribromophenol
 Concen: 0.126 ng
 RT: 16.04 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BE097940.D
 Acq: 17 Oct 2018 10:17

Tgt Ion:330 Resp: 612
 Ion Ratio Lower Upper
 330 100
 332 95.3 76.5 114.7
 141 38.6 31.8 47.6

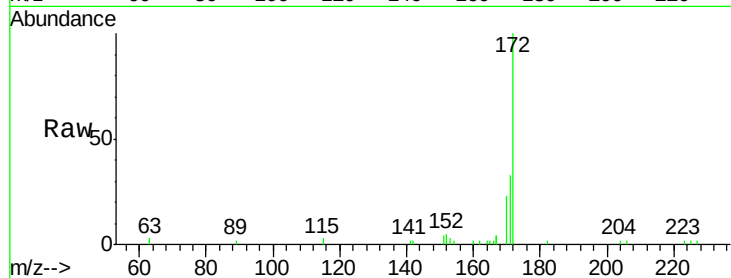




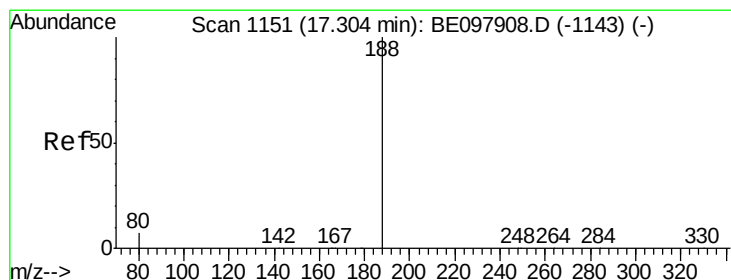
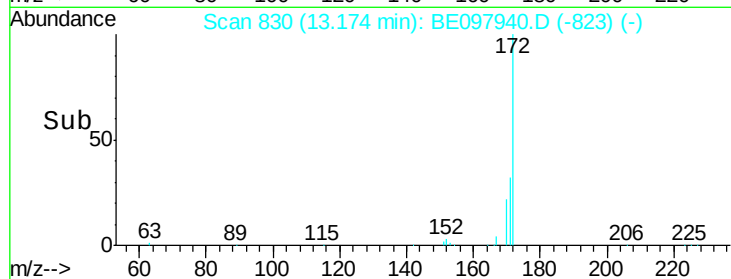
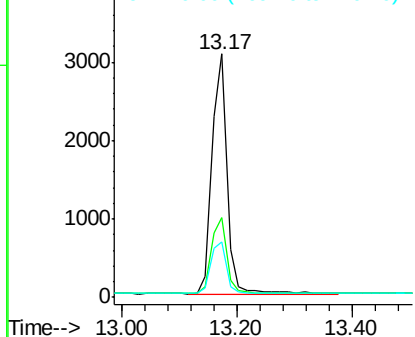
#15
2-Fluorobiphenyl
Concen: 0.151 ng
RT: 13.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BE097940.D
Acq: 17 Oct 2018 10:17

Instrument :
BNA_E
ClientSampleId :
RE-137-745FT-2018109DL

Tgt Ion:172 Resp: 5566
Ion Ratio Lower Upper
172 100
171 33.0 26.0 39.0
170 22.9 18.0 27.0

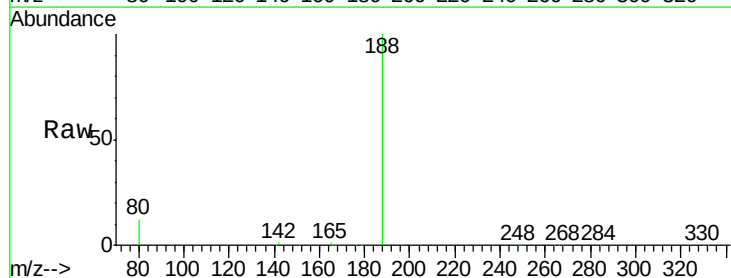


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

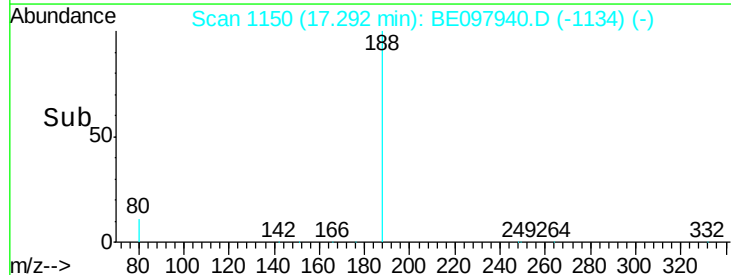
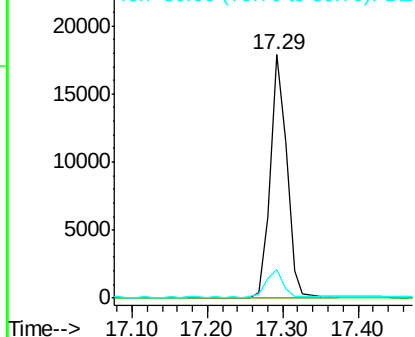


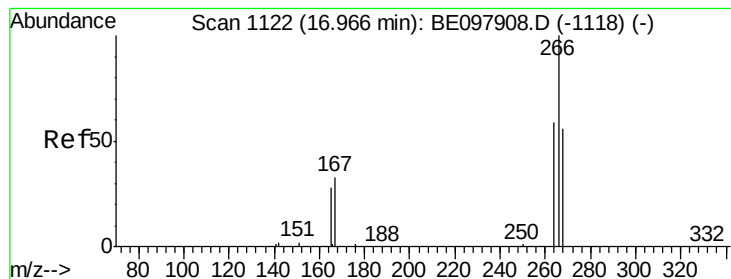
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.29 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BE097940.D
Acq: 17 Oct 2018 10:17

Tgt Ion:188 Resp: 26770
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.7 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: 0.040 ng

RT: 16.99 min Scan# 1124

Delta R.T. 0.02 min

Lab File: BE097940.D

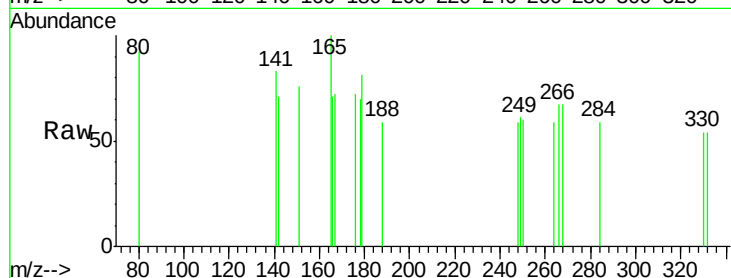
Acq: 17 Oct 2018 10:17

Instrument :

BNA_E

ClientSampleId :

RE-137-745FT-2018109DL



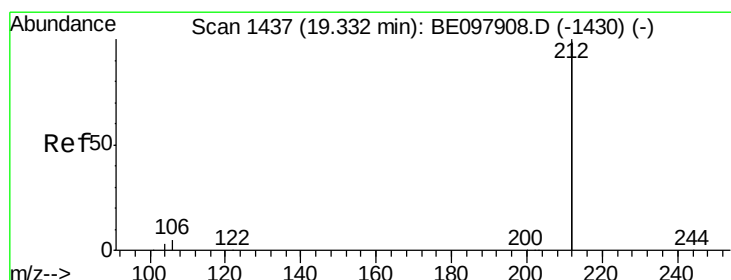
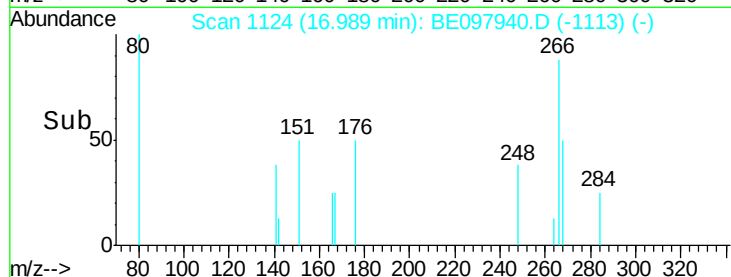
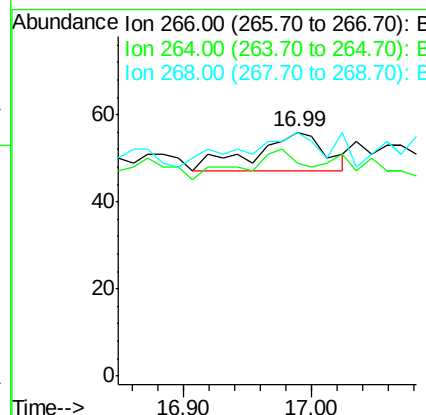
Tgt Ion:266 Resp: 35

Ion Ratio Lower Upper

266 100

264 87.5 51.3 76.9#

268 100.0 50.1 75.1#



#25

Fluoranthene-d10

Concen: 0.150 ng

RT: 19.33 min Scan# 1436

Delta R.T. -0.00 min

Lab File: BE097940.D

Acq: 17 Oct 2018 10:17

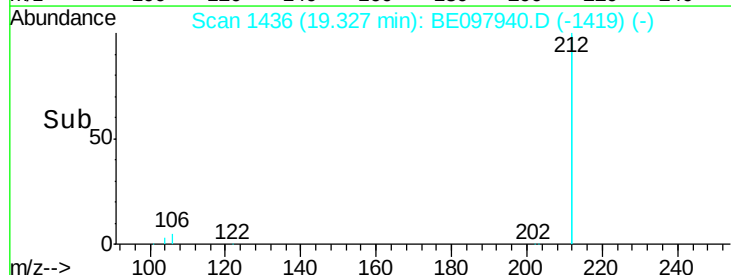
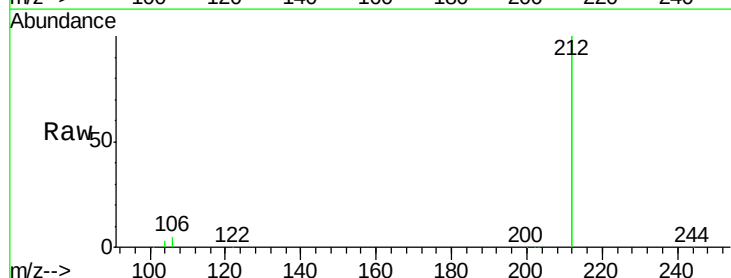
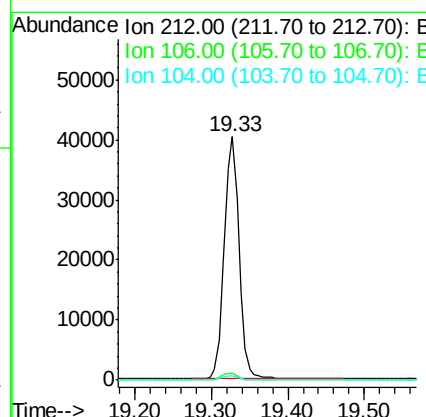
Tgt Ion:212 Resp: 54240

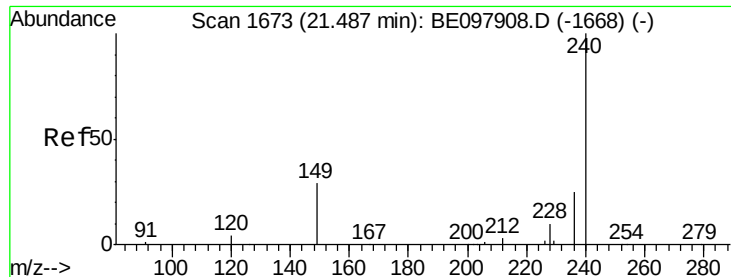
Ion Ratio Lower Upper

212 100

106 2.9 2.3 3.5

104 1.6 1.3 1.9





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.47 min Scan# 1672

Delta R.T. -0.01 min

Lab File: BE097940.D

Acq: 17 Oct 2018 10:17

Instrument :

BNA_E

ClientSampleId :

RE-137-745FT-2018109DL

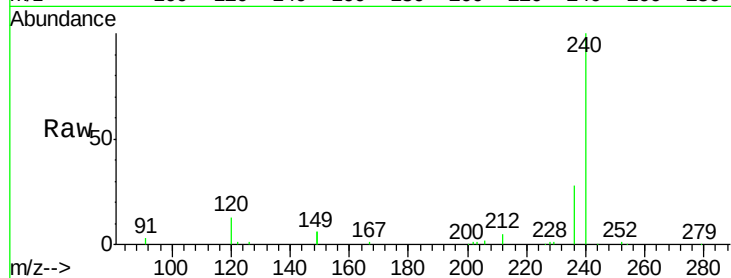
Tgt Ion:240 Resp: 27676

Ion Ratio Lower Upper

240 100

120 12.8 7.1 10.7#

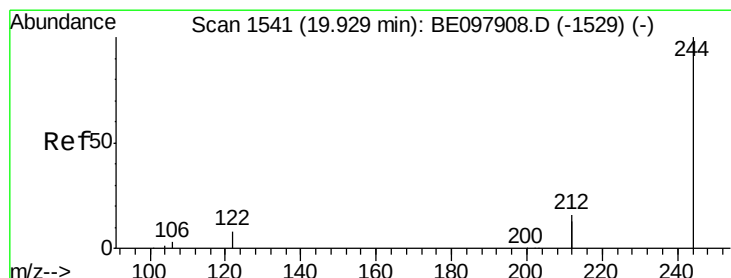
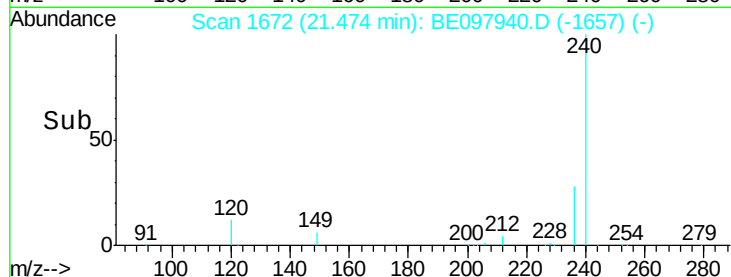
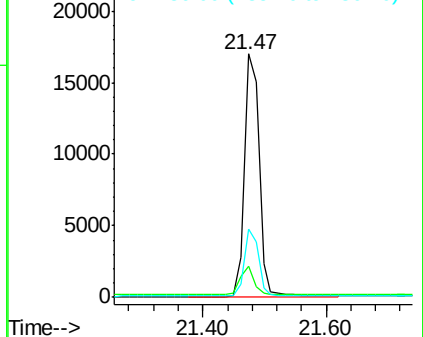
236 28.1 21.3 31.9



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: 0.261 ng

RT: 19.92 min Scan# 1539

Delta R.T. -0.01 min

Lab File: BE097940.D

Acq: 17 Oct 2018 10:17

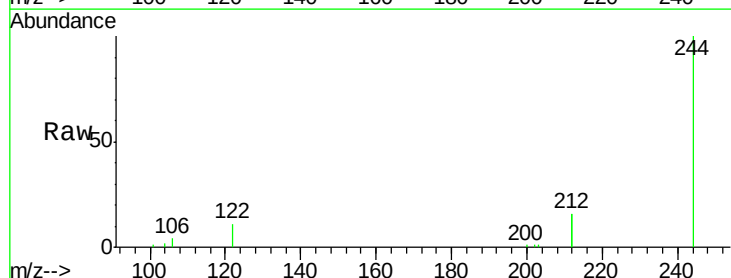
Tgt Ion:244 Resp: 16554

Ion Ratio Lower Upper

244 100

212 32.6 26.2 39.2

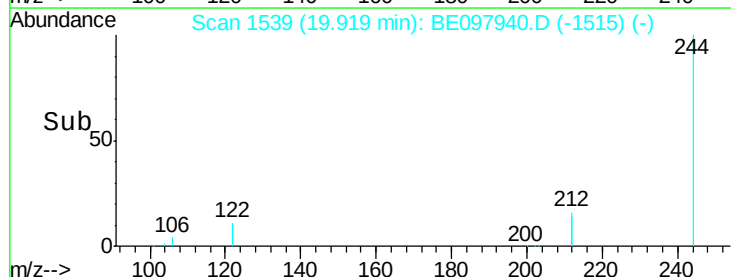
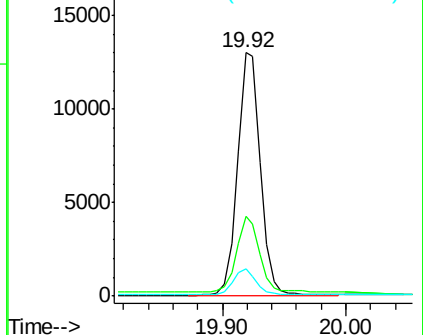
122 11.4 7.7 11.5

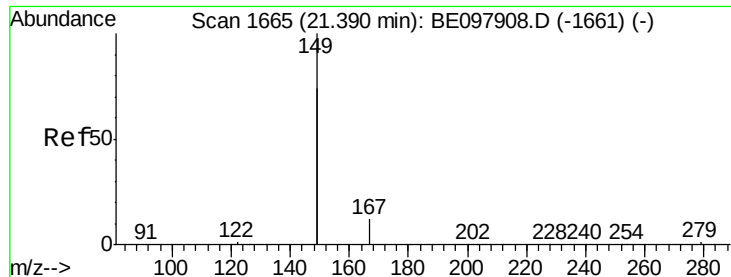


Abundance Ion 244.00 (243.70 to 244.70): E

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: BE097940.D

Acq: 17 Oct 2018 10:17

Instrument :

BNA_E

ClientSampleId :

RE-137-745FT-2018109DL

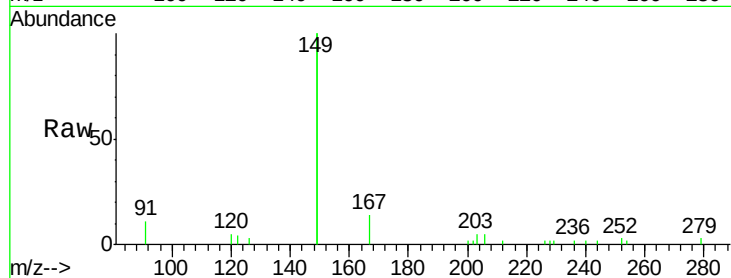
Tgt Ion:149 Resp: 7453

Ion Ratio Lower Upper

149 100

167 6.7 5.6 8.4

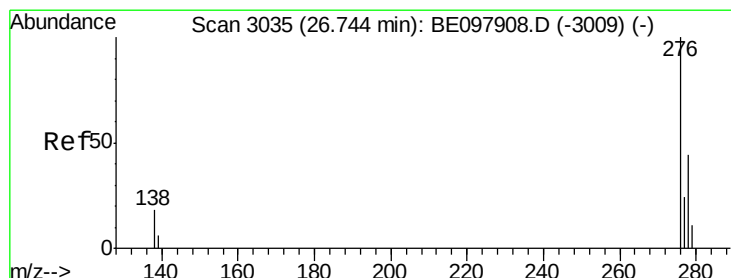
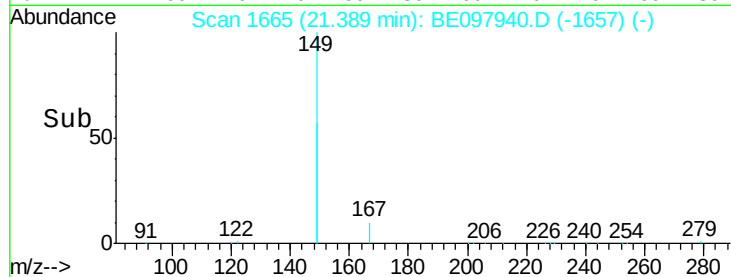
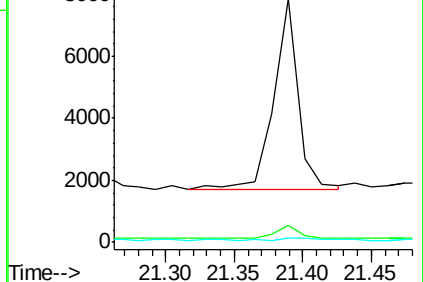
279 1.2 0.9 1.3



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# 3031

Delta R.T. -0.01 min

Lab File: BE097940.D

Acq: 17 Oct 2018 10:17

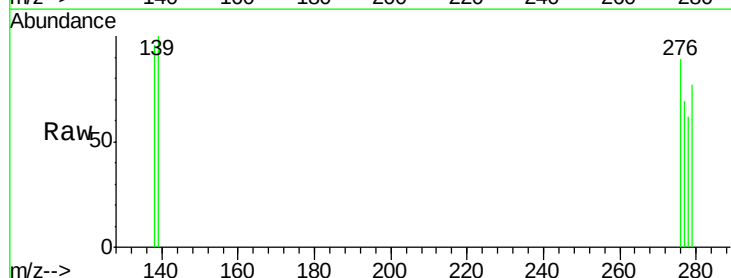
Tgt Ion:276 Resp: 14

Ion Ratio Lower Upper

276 100

138 0.0 17.0 25.6#

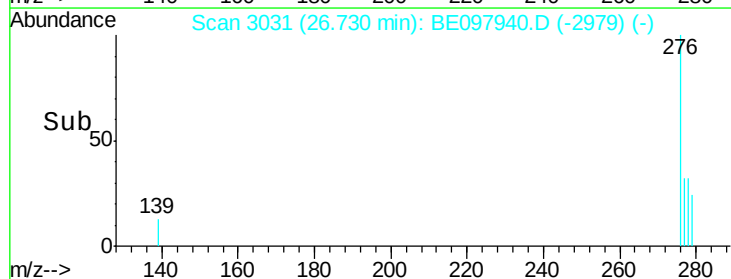
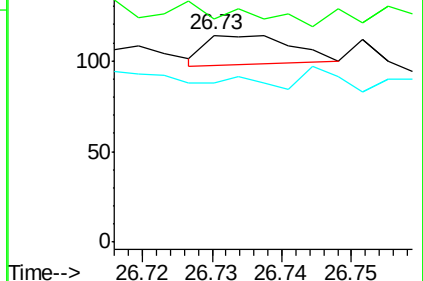
277 50.0 20.5 30.7#

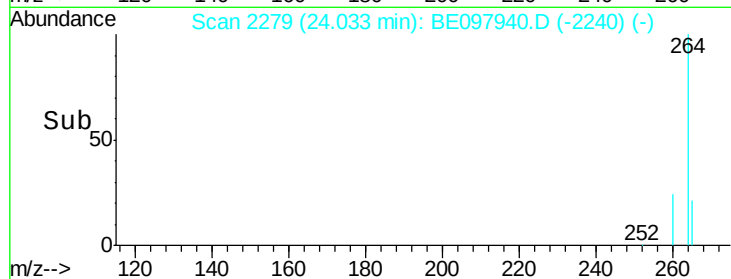
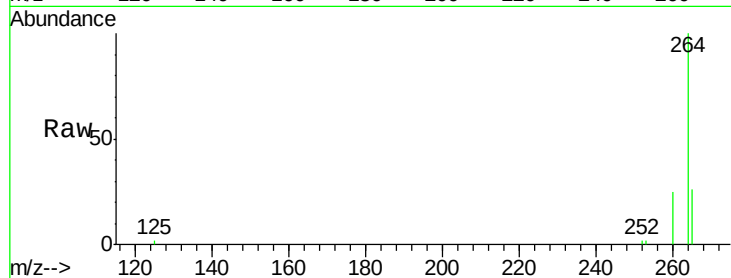
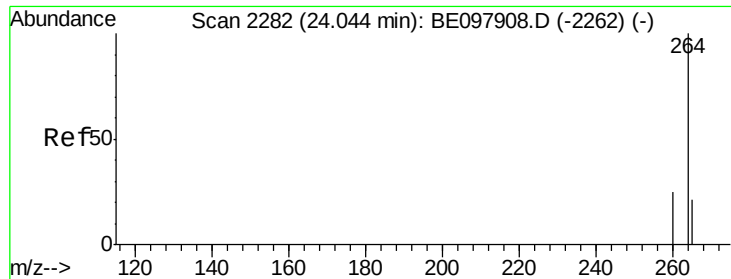


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#34

Perylene-d12

Concen: 0.400 ng

RT: 24.03 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BE097940.D

Acq: 17 Oct 2018 10:17

Instrument :

BNA_E

ClientSampleId :

RE-137-745FT-2018109DL

Tgt Ion: 264 Resp: 21593

Ion Ratio Lower Upper

264 100

260 24.6 21.1 31.7

265 25.6 29.2 43.8#

