

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE101618\
 Data File : BE097943.D
 Acq On : 17 Oct 2018 12:07
 Operator : SJ/JU
 Sample : J53117-05DL 2X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE-122D1-20181004DL

Quant Time: Oct 17 17:14:00 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

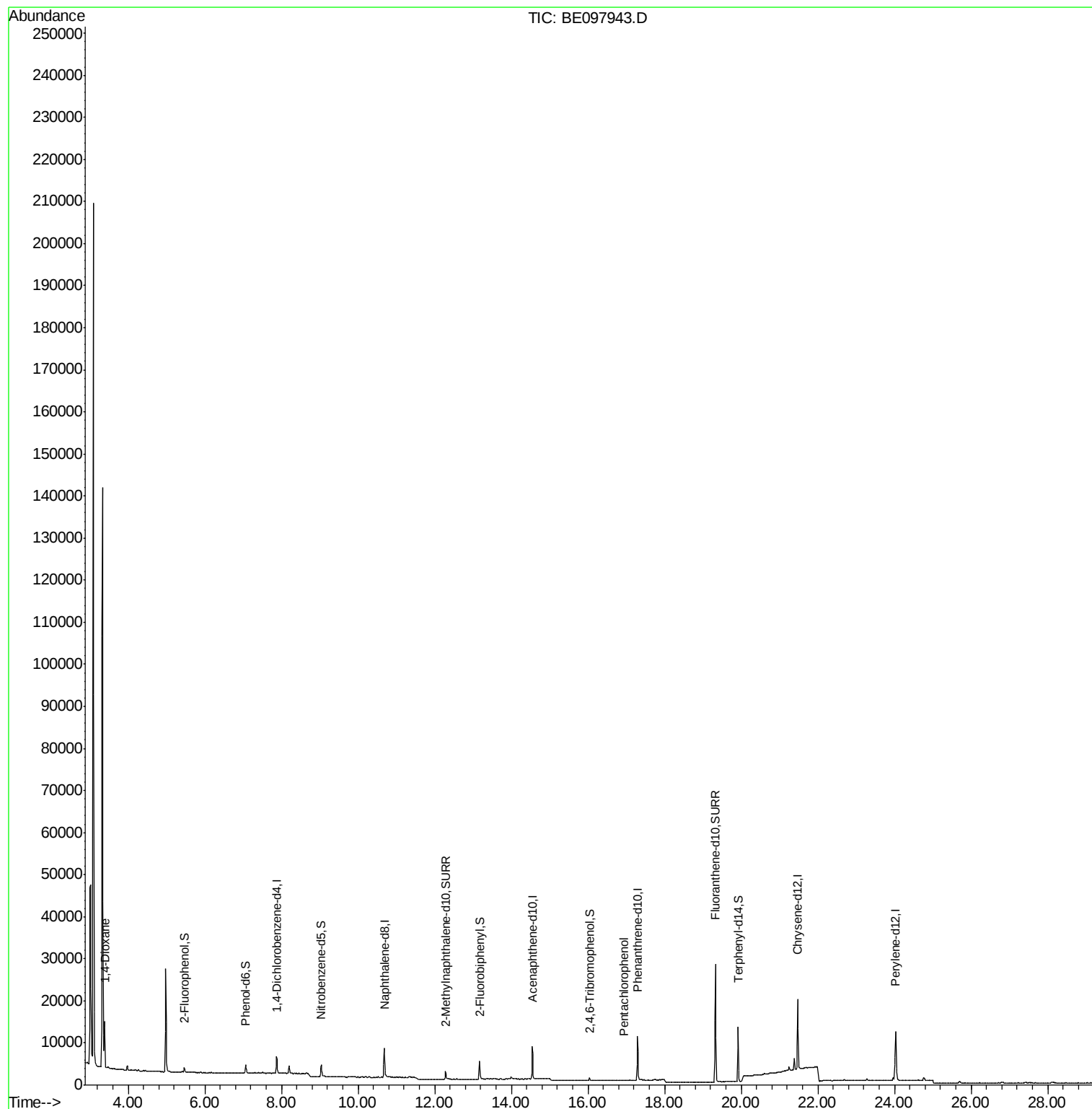
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	1924	0.40	ng	-0.01
7) Naphthalene-d8	10.69	136	8299	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	5263	0.40	ng	-0.01
19) Phenanthrene-d10	17.29	188	14484	0.40	ng	-0.01
27) Chrysene-d12	21.48	240	17457	0.40	ng	-0.01
34) Perylene-d12	24.03	264	17998	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	587	0.10	ng	-0.01
5) Phenol-d6	7.05	99	502	0.06	ng	-0.01
8) Nitrobenzene-d5	9.04	82	1568	0.20	ng	0.00
11) 2-Methylnaphthalene-d10	12.28	152	2650	0.19	ng	-0.01
14) 2,4,6-Tribromophenol	16.04	330	492	0.17	ng	0.00
15) 2-Fluorobiphenyl	13.17	172	5137	0.24	ng	0.00
25) Fluoranthene-d10	19.33	212	37712	0.19	ng	0.00
29) Terphenyl-d14	19.92	244	11461	0.29	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.38	88	6462	1.926	ng	Qvalue 93
22) Pentachlorophenol	16.93	266	3	0.031	ng	# 60
32) Bis(2-ethylhexyl)phthalate	21.39	149	4209	Below Cal		97
33) Indeno(1,2,3-cd)pyrene	26.73	276	6	Below Cal	#	1

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

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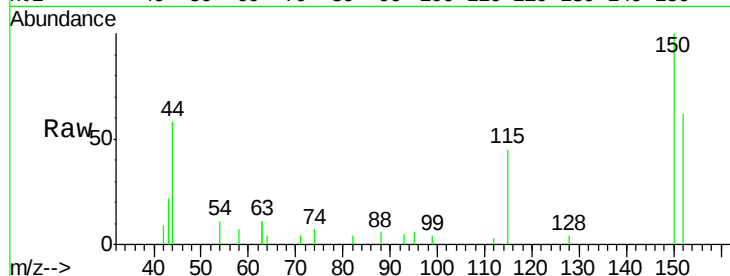


#1

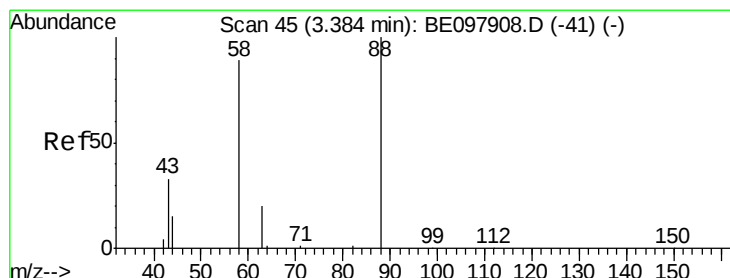
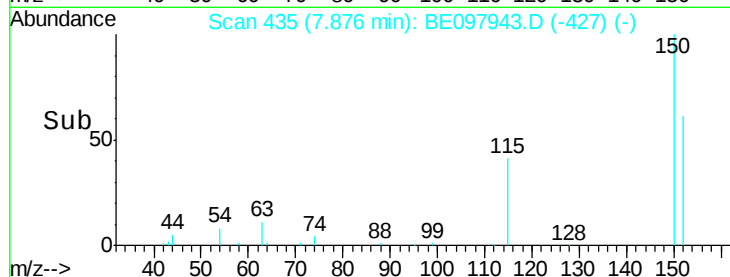
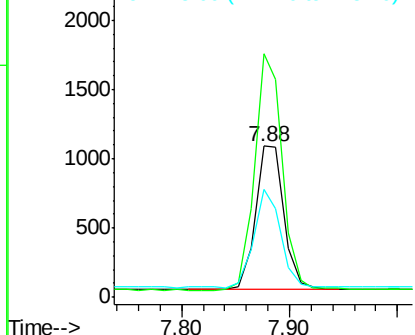
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.88 min Scan# 435
Delta R.T. -0.01 min
Lab File: BE097943.D
Acq: 17 Oct 2018 12:07

Instrument :
BNA_E
ClientSampleId :
RE-122D1-20181004DL

Tgt Ion:152 Resp: 1924
Ion Ratio Lower Upper
152 100
150 160.8 118.2 177.4
115 71.6 50.9 76.3



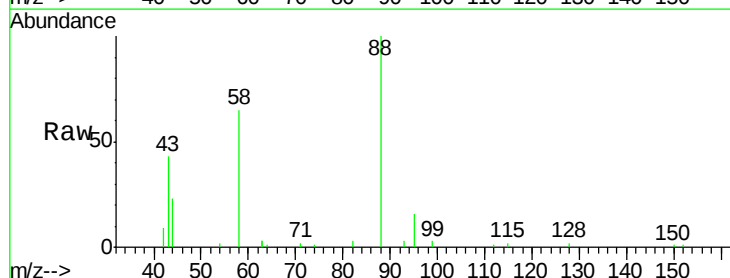
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



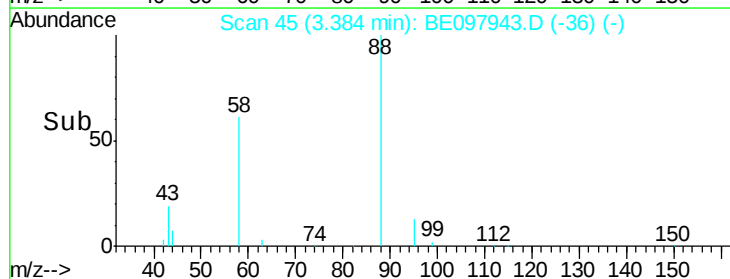
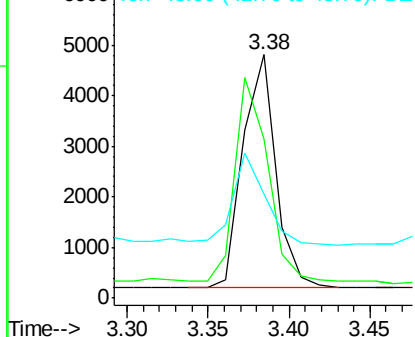
#2

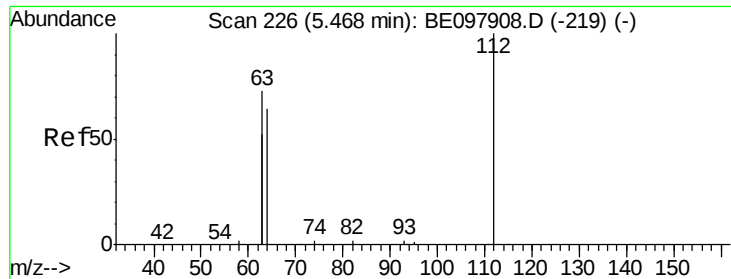
1,4-Dioxane
Concen: 1.926 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.00 min
Lab File: BE097943.D
Acq: 17 Oct 2018 12:07

Tgt Ion: 88 Resp: 6462
Ion Ratio Lower Upper
88 100
58 85.2 73.2 109.8
43 40.8 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: 0.097 ng

RT: 5.46 min Scan# 225

Delta R.T. -0.01 min

Lab File: BE097943.D

Acq: 17 Oct 2018 12:07

Instrument :

BNA_E

ClientSampleId :

RE-122D1-20181004DL

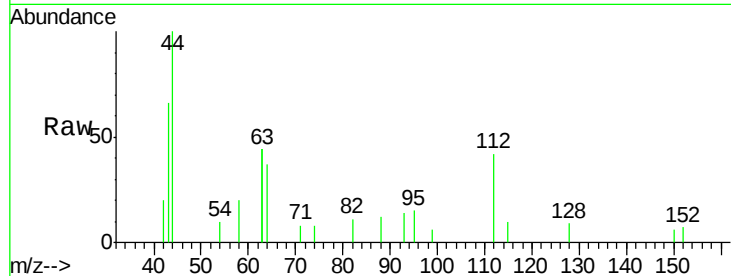
Tgt Ion: 112 Resp: 587

Ion Ratio Lower Upper

112 100

64 72.1 58.9 88.3

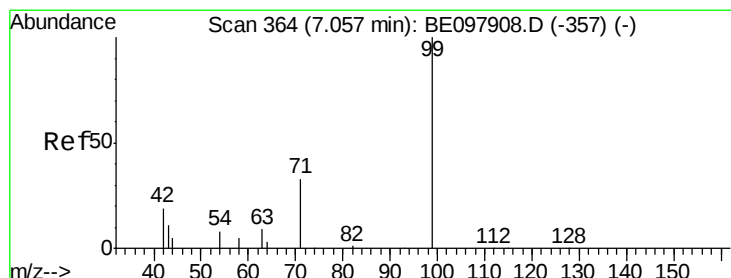
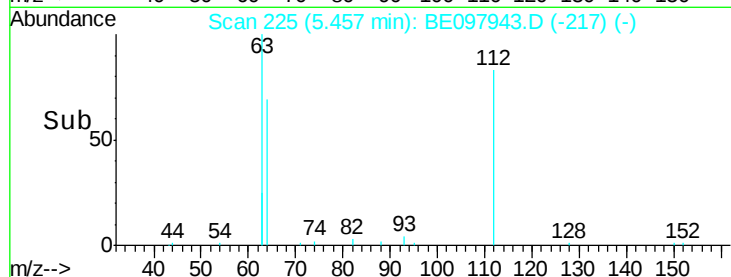
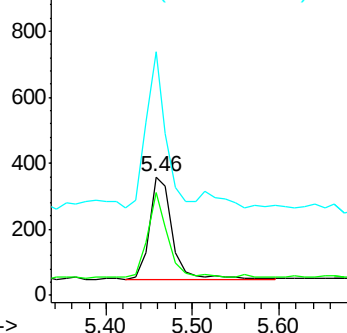
63 129.6 120.3 180.5



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: 0.056 ng

RT: 7.05 min Scan# 363

Delta R.T. -0.01 min

Lab File: BE097943.D

Acq: 17 Oct 2018 12:07

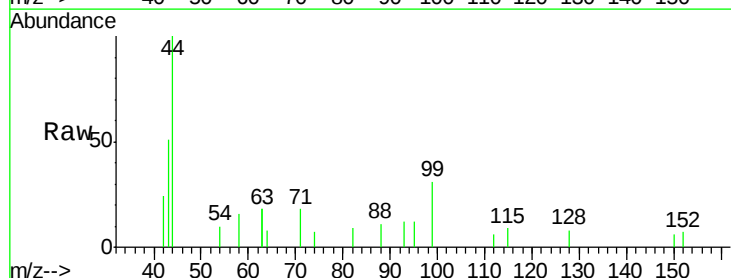
Tgt Ion: 99 Resp: 502

Ion Ratio Lower Upper

99 100

42 53.8 19.9 29.9#

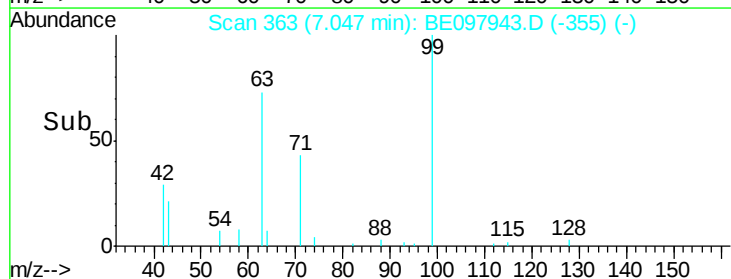
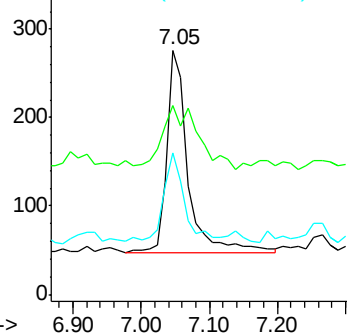
71 42.2 27.8 41.8#

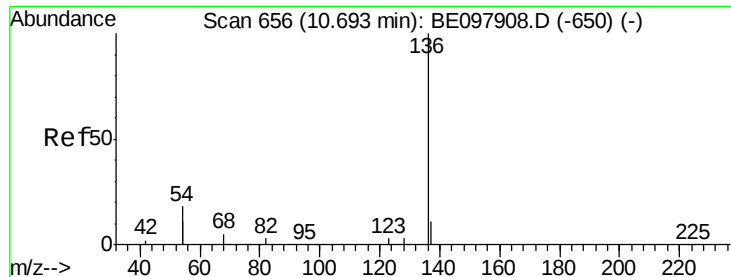


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.69 min Scan# 656

Delta R.T. -0.00 min

Lab File: BE097943.D

Acq: 17 Oct 2018 12:07

Instrument :

BNA_E

ClientSampleId :

RE-122D1-20181004DL

Tgt Ion:136 Resp: 8299

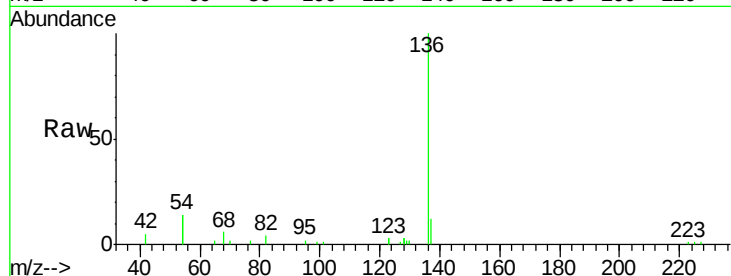
Ion Ratio Lower Upper

136 100

137 11.7 9.6 14.4

54 28.9 27.7 41.5

68 6.3 5.3 7.9

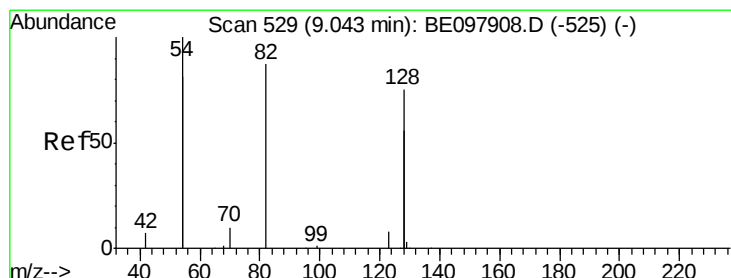
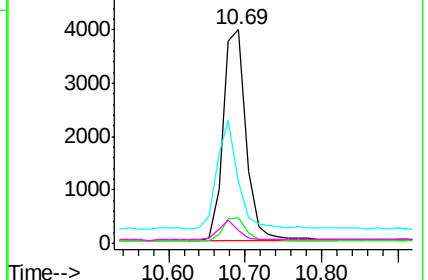
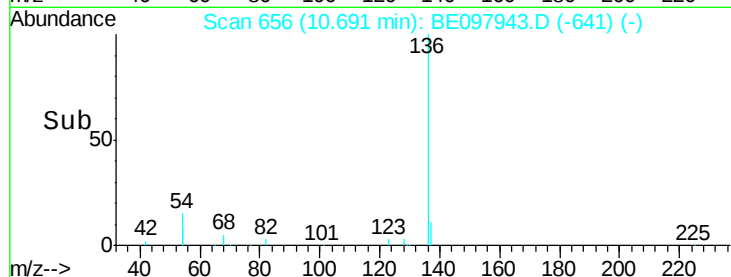


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.200 ng

RT: 9.04 min Scan# 529

Delta R.T. -0.00 min

Lab File: BE097943.D

Acq: 17 Oct 2018 12:07

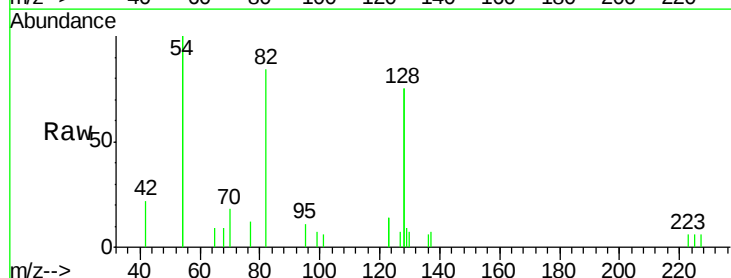
Tgt Ion: 82 Resp: 1568

Ion Ratio Lower Upper

82 100

128 178.4 129.9 194.9

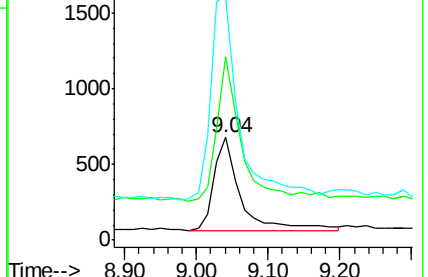
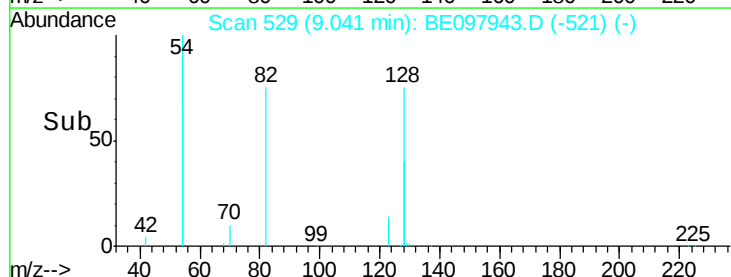
54 237.5 174.0 261.0

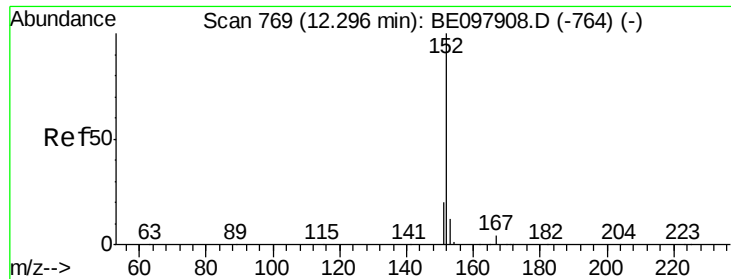


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

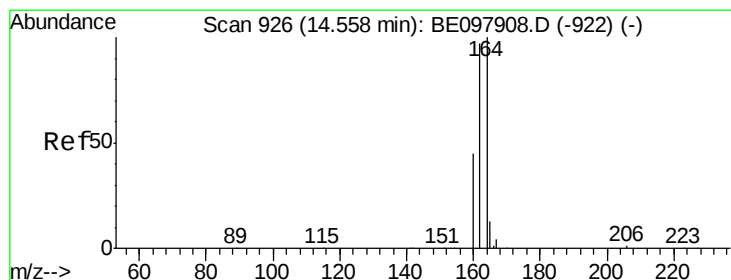
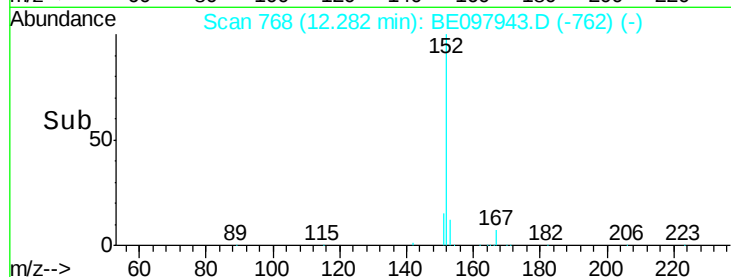
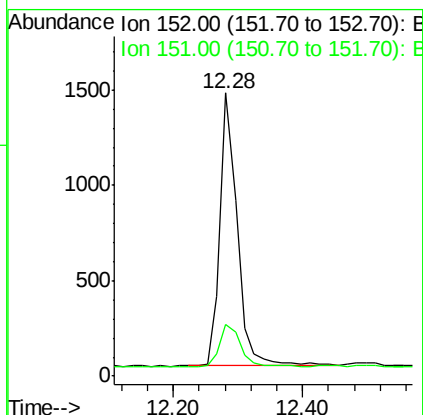
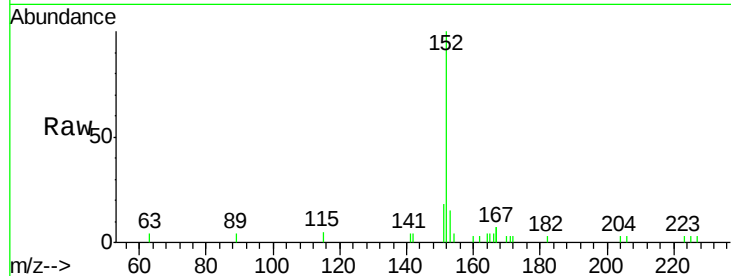




#11
 2-Methylnaphthalene-d10
 Concen: 0.192 ng
 RT: 12.28 min Scan# 768
 Delta R.T. -0.01 min
 Lab File: BE097943.D
 Acq: 17 Oct 2018 12:07

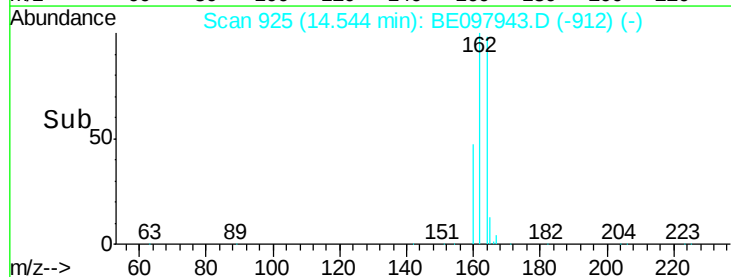
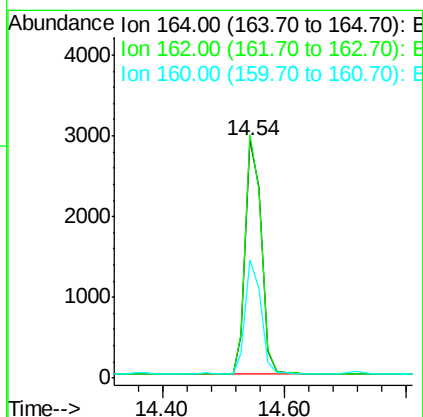
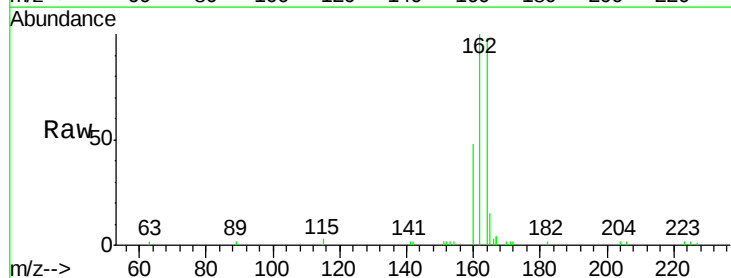
Instrument :
 BNA_E
 ClientSampleId :
 RE-122D1-20181004DL

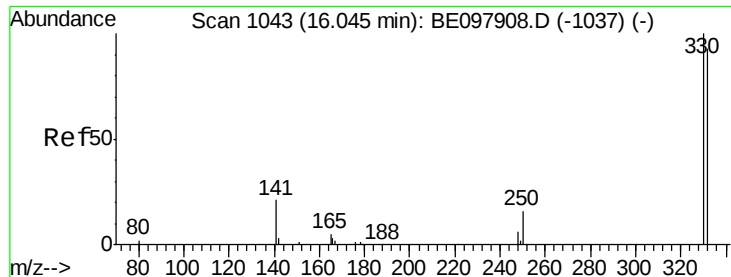
Tgt Ion:152 Resp: 2650
 Ion Ratio Lower Upper
 152 100
 151 18.7 16.2 24.4



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.54 min Scan# 925
 Delta R.T. -0.01 min
 Lab File: BE097943.D
 Acq: 17 Oct 2018 12:07

Tgt Ion:164 Resp: 5263
 Ion Ratio Lower Upper
 164 100
 162 102.2 77.4 116.2
 160 49.5 36.5 54.7





#14

2,4,6-Tribromophenol

Concen: 0.174 ng

RT: 16.04 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BE097943.D

Acq: 17 Oct 2018 12:07

Instrument :

BNA_E

ClientSampleId :

RE-122D1-20181004DL

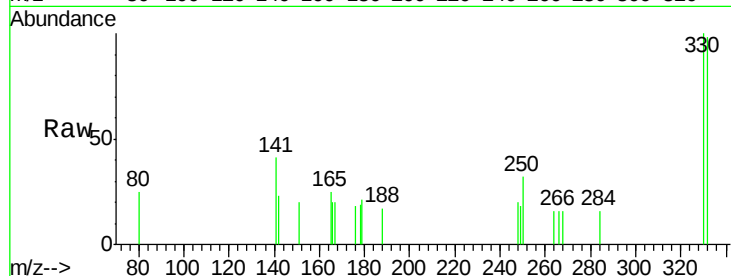
Tgt Ion:330 Resp: 492

Ion Ratio Lower Upper

330 100

332 97.4 76.5 114.7

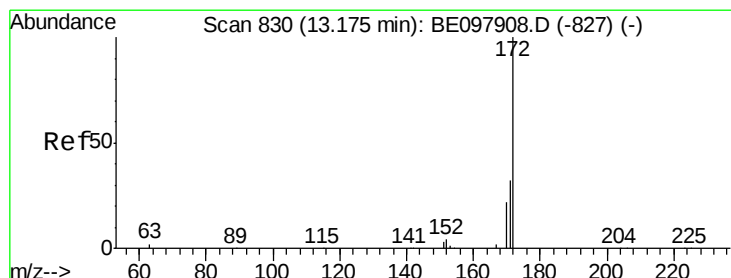
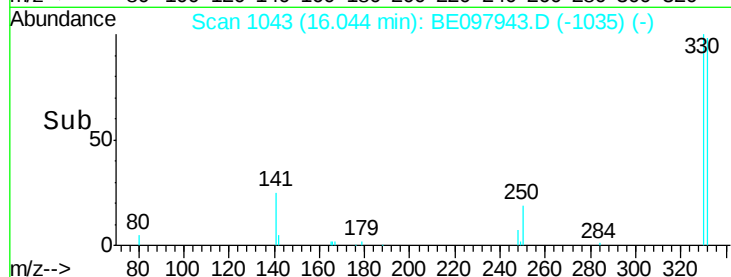
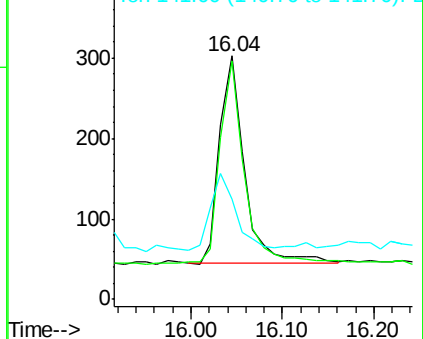
141 37.4 31.8 47.6



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: 0.239 ng

RT: 13.17 min Scan# 830

Delta R.T. -0.00 min

Lab File: BE097943.D

Acq: 17 Oct 2018 12:07

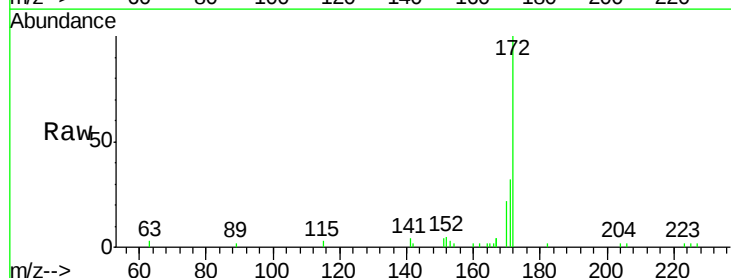
Tgt Ion:172 Resp: 5137

Ion Ratio Lower Upper

172 100

171 32.2 26.0 39.0

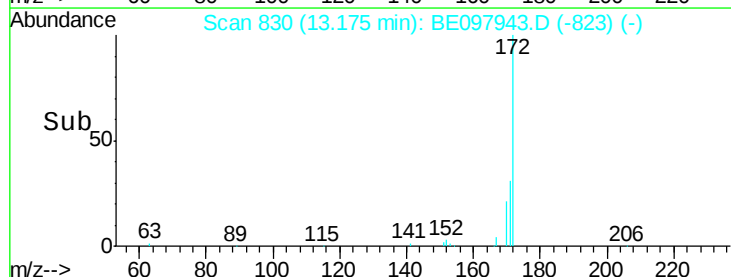
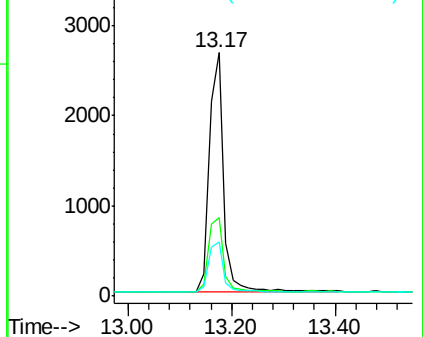
170 22.1 18.0 27.0

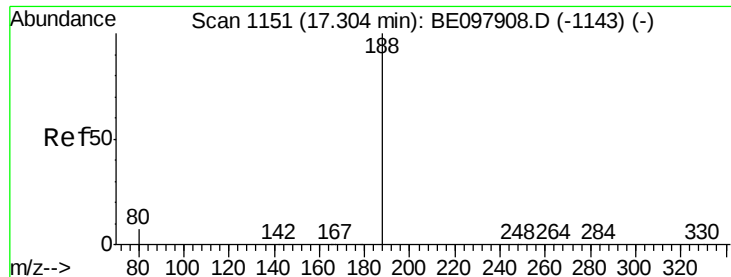


Abundance Ion 172.00 (171.70 to 172.70): E

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: BE097943.D

Acq: 17 Oct 2018 12:07

Instrument :

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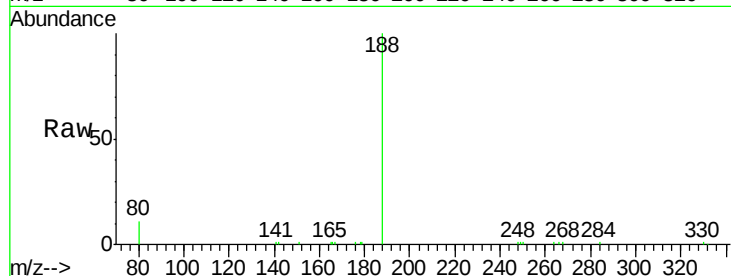
Tgt Ion:188 Resp: 14484

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

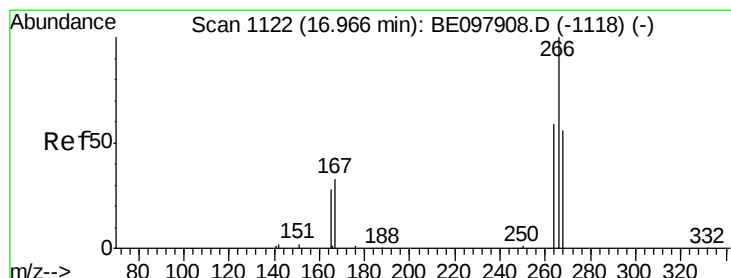
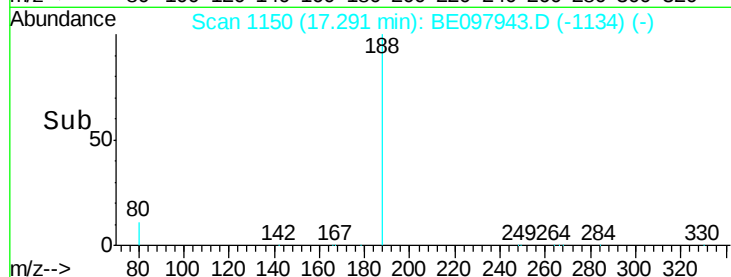
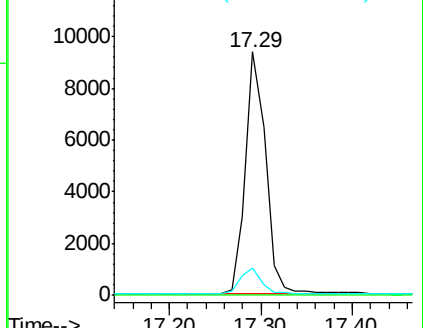
80 11.4 6.3 9.5#



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: 0.031 ng

RT: 16.93 min Scan# 1119

Delta R.T. -0.04 min

Lab File: BE097943.D

Acq: 17 Oct 2018 12:07

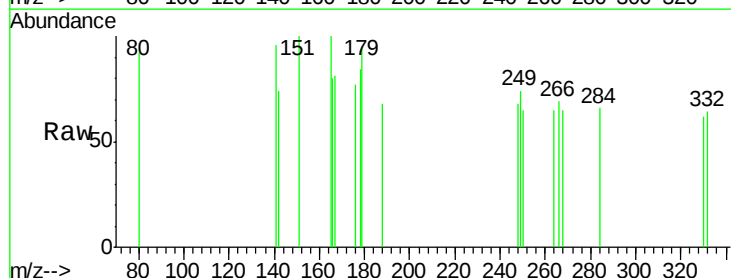
Tgt Ion:266 Resp: 3

Ion Ratio Lower Upper

266 100

264 94.1 51.3 76.9#

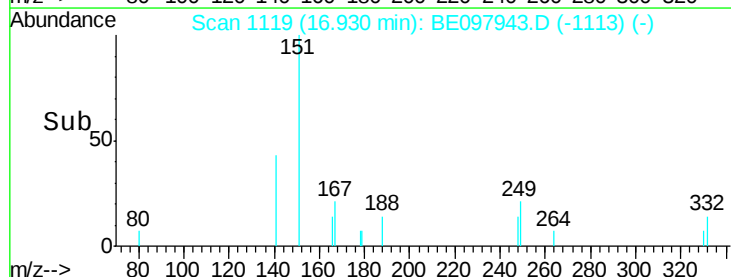
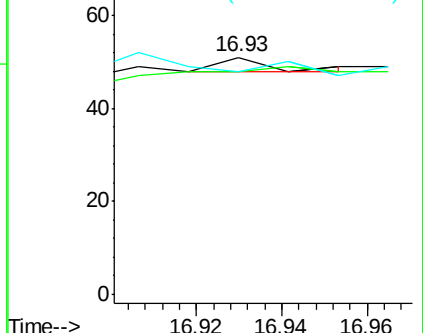
268 94.1 50.1 75.1#

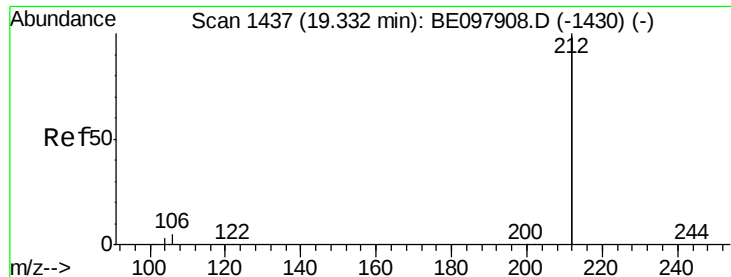


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.192 ng

RT: 19.33 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BE097943.D

Acq: 17 Oct 2018 12:07

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RE-122D1-20181004DL

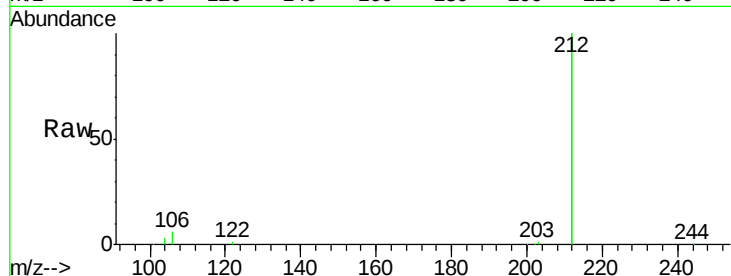
Tgt Ion:212 Resp: 37712

Ion Ratio Lower Upper

212 100

106 2.9 2.3 3.5

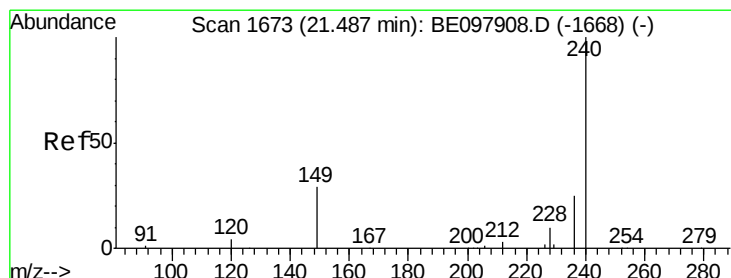
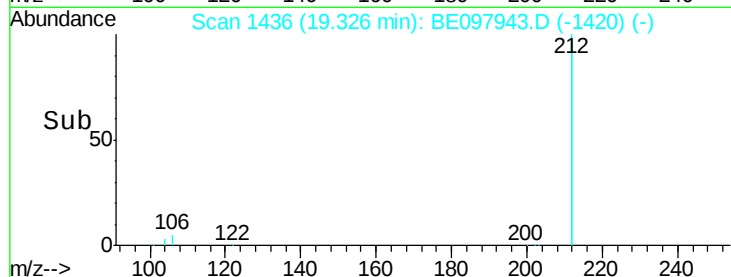
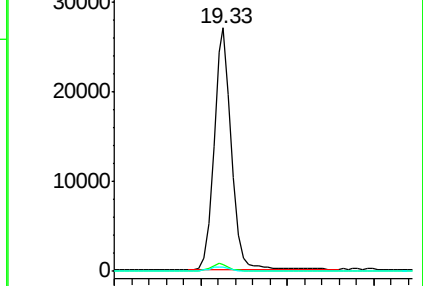
104 1.7 1.3 1.9



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: 21.48 min Scan# 1672

Delta R.T. -0.01 min

Lab File: BE097943.D

Acq: 17 Oct 2018 12:07

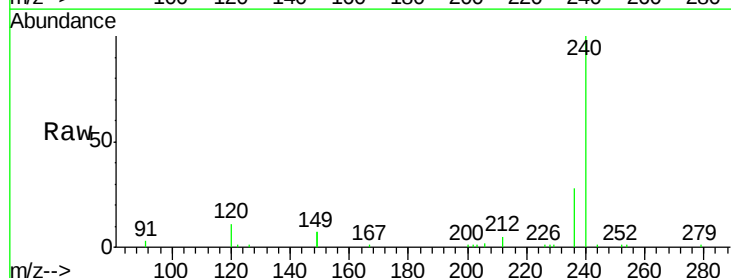
Tgt Ion:240 Resp: 17457

Ion Ratio Lower Upper

240 100

120 10.6 7.1 10.7

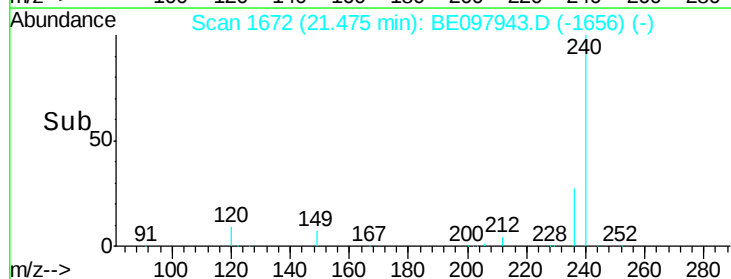
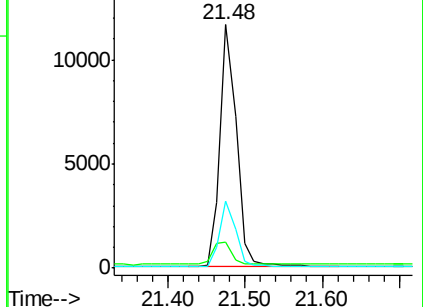
236 27.6 21.3 31.9

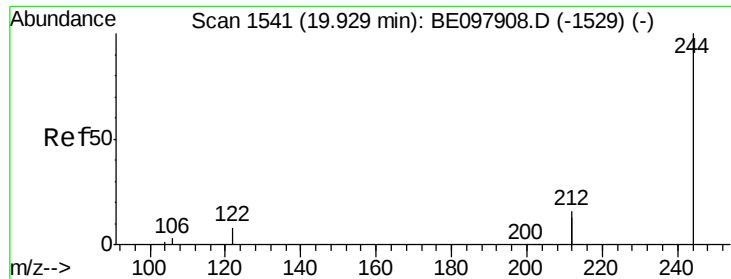


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.286 ng

RT: 19.92 min Scan# 1539

Delta R.T. -0.01 min

Lab File: BE097943.D

Acq: 17 Oct 2018 12:07

Instrument :

BNA_E

ClientSampleId :

RE-122D1-20181004DL

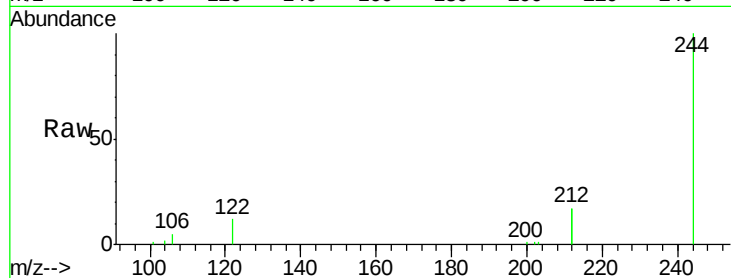
Tgt Ion:244 Resp: 11461

Ion Ratio Lower Upper

244 100

212 33.8 26.2 39.2

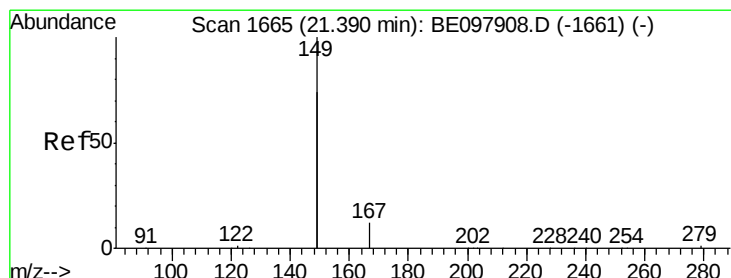
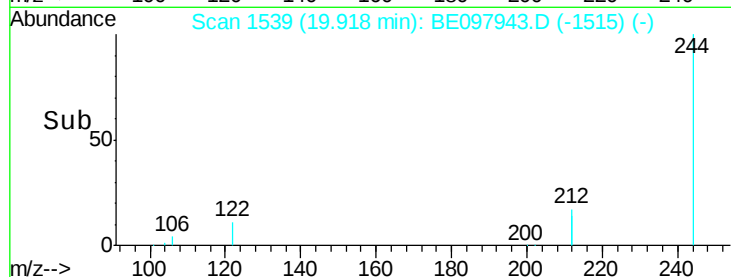
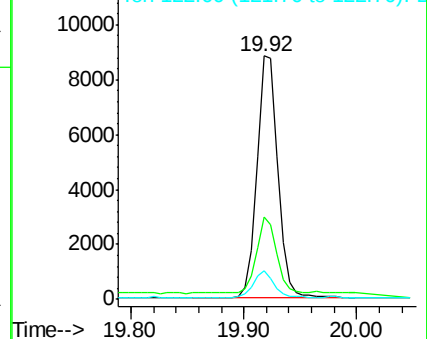
122 11.8 7.7 11.5#



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



#32

Bis(2-ethylhexyl)phthalate

Concen: Below Cal

RT: 21.39 min Scan# 1665

Delta R.T. 0.00 min

Lab File: BE097943.D

Acq: 17 Oct 2018 12:07

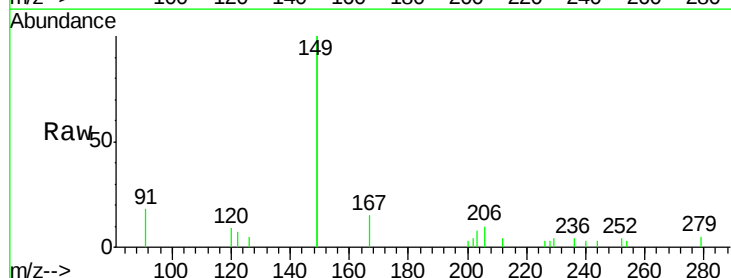
Tgt Ion:149 Resp: 4209

Ion Ratio Lower Upper

149 100

167 5.8 5.6 8.4

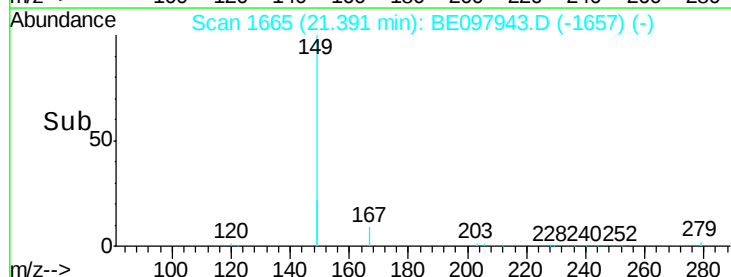
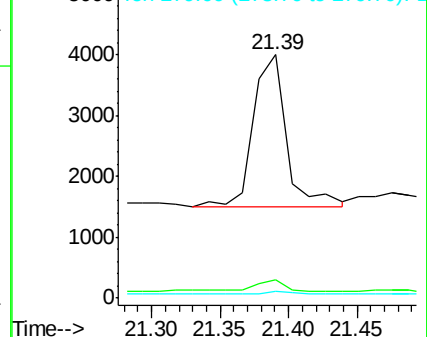
279 1.3 0.9 1.3

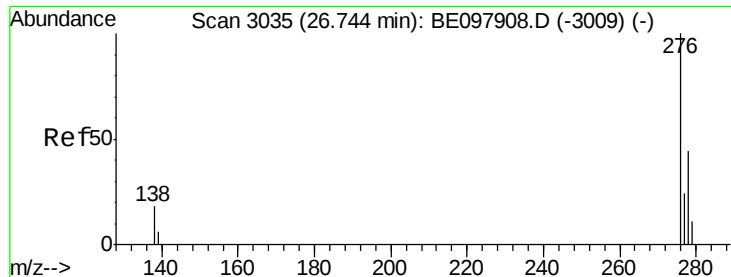


Abundance Ion 149.00 (148.70 to 149.70): E

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# 3032

Delta R.T. -0.01 min

Lab File: BE097943.D

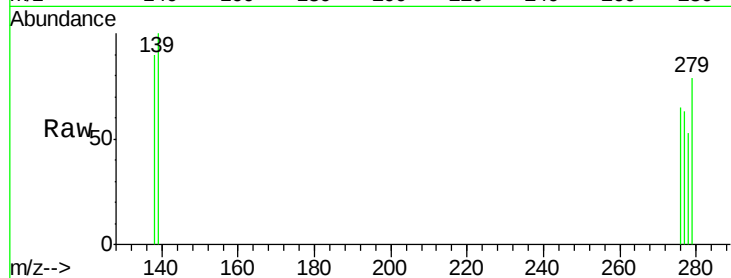
Acq: 17 Oct 2018 12:07

Instrument :

BNA_E

ClientSampleId :

RE-122D1-20181004DL



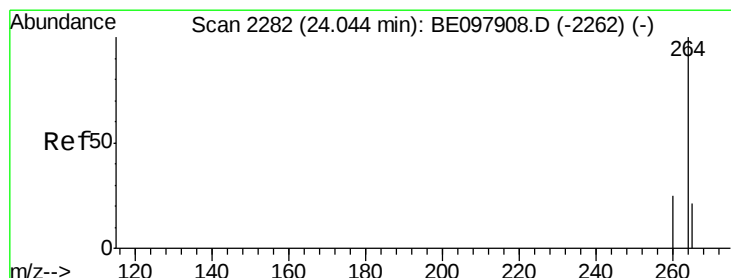
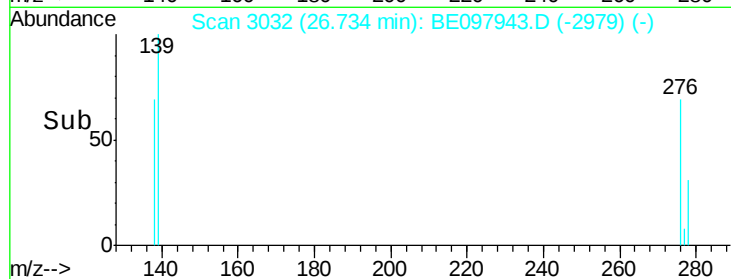
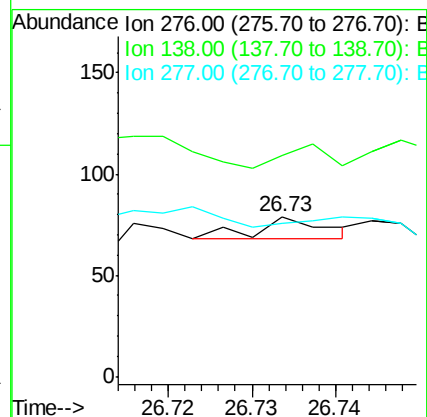
Tgt Ion: 276 Resp: 6

Ion Ratio Lower Upper

276 100

138 66.7 17.0 25.6#

277 133.3 20.5 30.7#



#34

Perylene-d12

Concen: 0.400 ng

RT: 24.03 min Scan# 2278

Delta R.T. -0.01 min

Lab File: BE097943.D

Acq: 17 Oct 2018 12:07

Tgt Ion: 264 Resp: 17998

Ion Ratio Lower Upper

264 100

260 24.8 21.1 31.7

265 25.3 29.2 43.8#

