

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE101618\
 Data File : BE097939.D
 Acq On : 17 Oct 2018 9:41
 Operator : SJ/JU
 Sample : J5317-13
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE-109D3-20181005

Quant Time: Oct 17 16:55:18 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	2049	0.40	ng	-0.01
7) Naphthalene-d8	10.68	136	8717	0.40	ng	-0.01
13) Acenaphthene-d10	14.54	164	5590	0.40	ng	-0.01
19) Phenanthrene-d10	17.29	188	14910	0.40	ng	-0.01
27) Chrysene-d12	21.47	240	18303	0.40	ng	-0.01
34) Perylene-d12	24.03	264	18950	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.47	112	1261	0.20	ng	0.00
5) Phenol-d6	7.05	99	1087	0.11	ng	-0.01
8) Nitrobenzene-d5	9.03	82	3508	0.42	ng	-0.01
11) 2-Methylnaphthalene-d10	12.28	152	5813	0.40	ng	-0.01
14) 2,4,6-Tribromophenol	16.05	330	1238	0.41	ng	0.00
15) 2-Fluorobiphenyl	13.17	172	10062	0.44	ng	0.00
25) Fluoranthene-d10	19.33	212	84421	0.42	ng	0.00
29) Terphenyl-d14	19.92	244	32865	0.78	ng	0.00

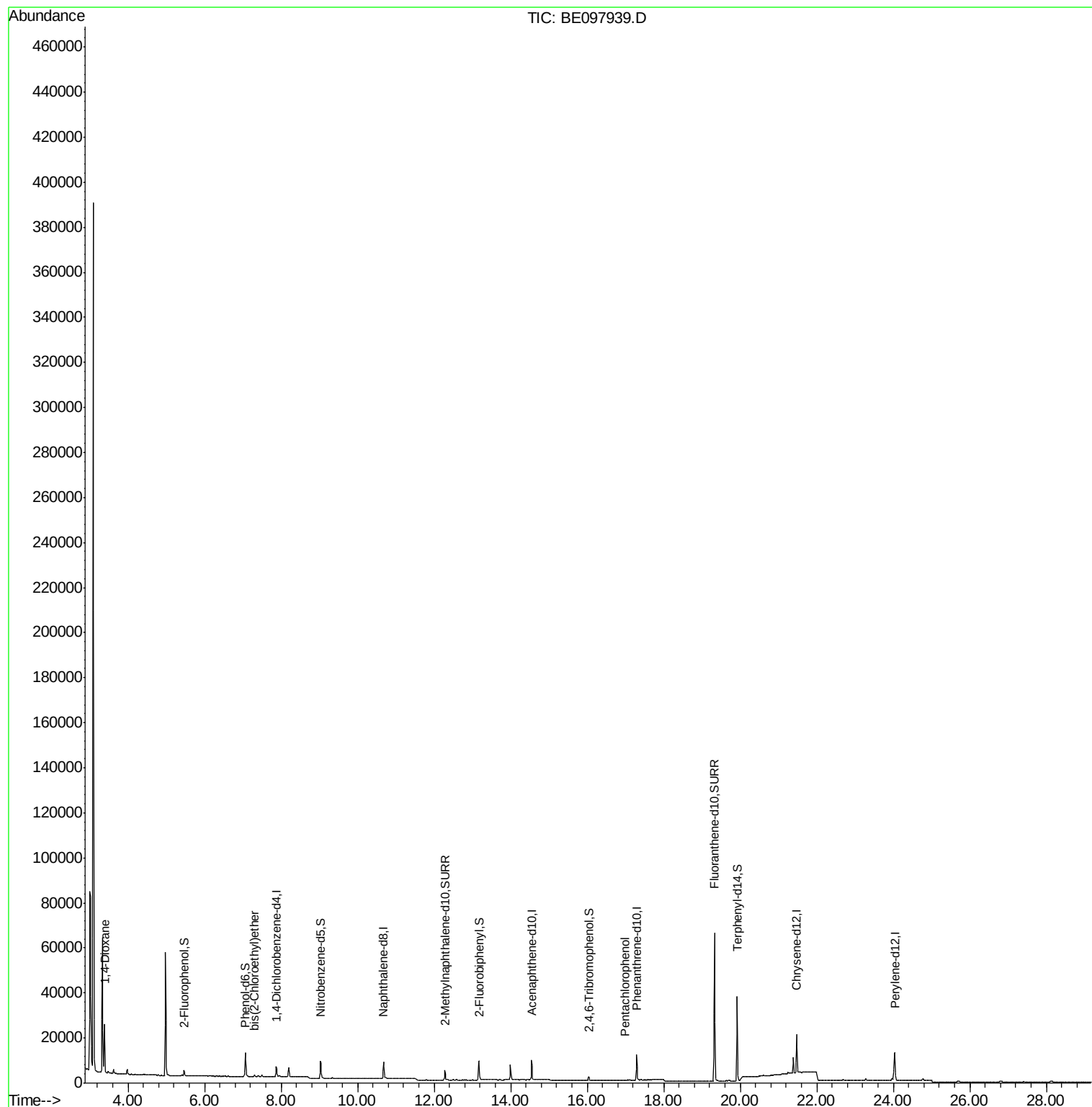
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.38	88	13789	3.860	ng	91
6) bis(2-Chloroethyl)ether	7.30	93	262	0.032	ng	# 87
22) Pentachlorophenol	16.98	266	17	0.039	ng	# 59
32) Bis(2-ethylhexyl)phthalate	21.39	149	8513	Below Cal		# 99
33) Indeno(1,2,3-cd)pyrene	26.72	276	11	Below Cal		# 1

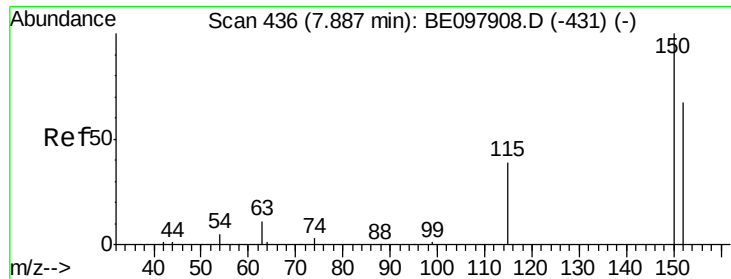
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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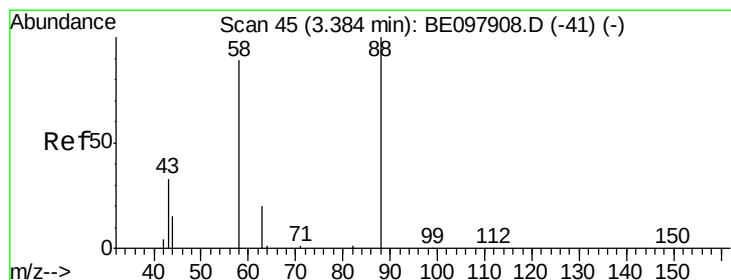
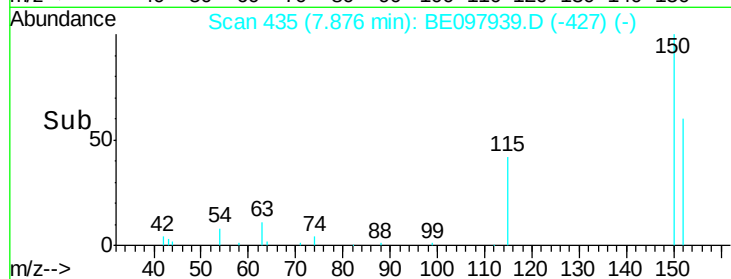
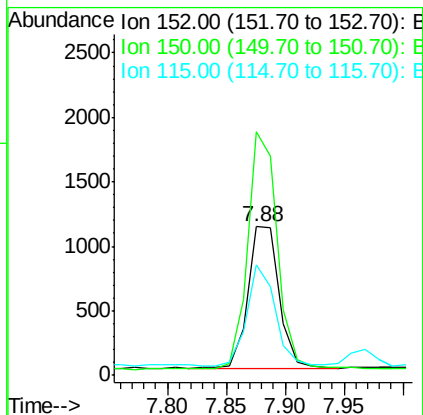
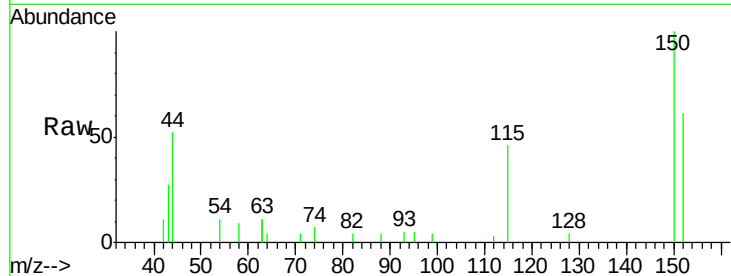


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.88 min Scan# 435
Delta R.T. -0.01 min
Lab File: BE097939.D
Acq: 17 Oct 2018 9:41

Instrument :
BNA_E
ClientSampleId :
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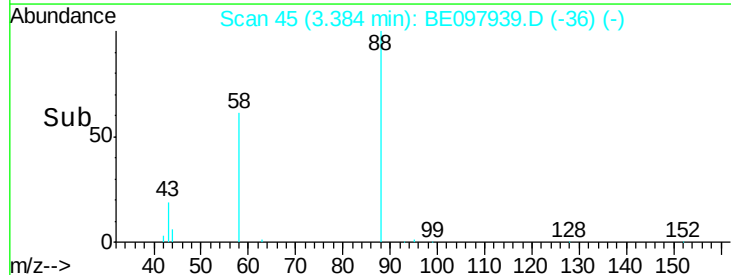
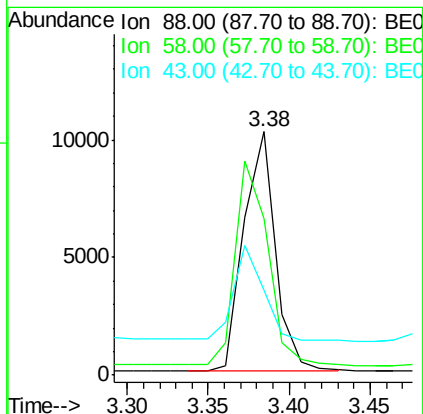
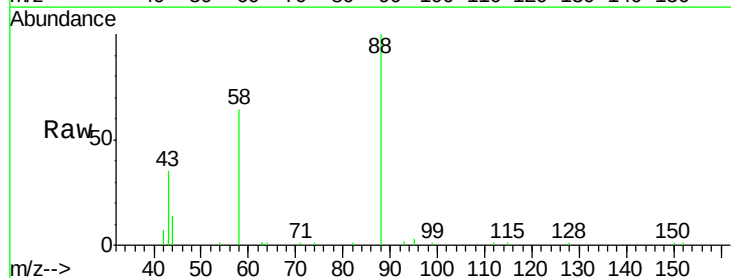
Tgt Ion:152 Resp: 2049
Ion Ratio Lower Upper
152 100
150 163.7 118.2 177.4
115 74.6 50.9 76.3

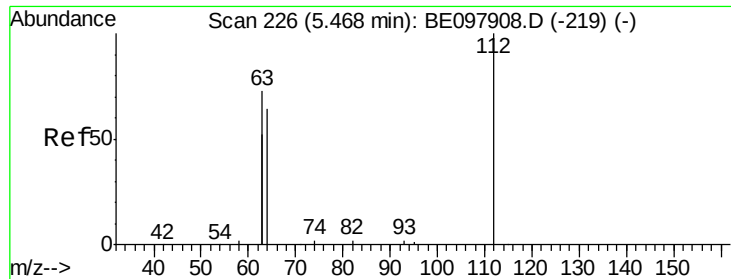


#2

1,4-Dioxane
Concen: 3.860 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.00 min
Lab File: BE097939.D
Acq: 17 Oct 2018 9:41

Tgt Ion: 88 Resp: 13789
Ion Ratio Lower Upper
88 100
58 85.6 73.2 109.8
43 37.2 36.9 55.3





#4

2-Fluorophenol

Concen: 0.195 ng

RT: 5.47 min Scan# 226

Delta R.T. 0.00 min

Lab File: BE097939.D

Acq: 17 Oct 2018 9:41

Instrument :

BNA_E

ClientSampleId :

RE-109D3-20181005

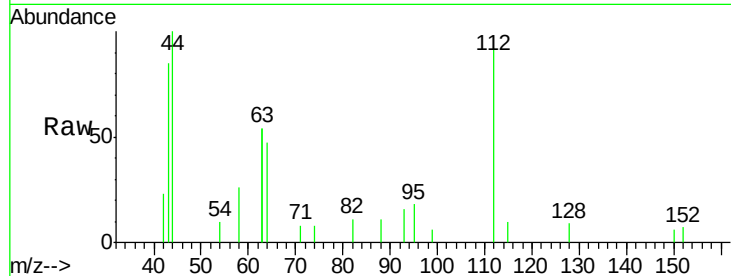
Tgt Ion: 112 Resp: 1261

Ion Ratio Lower Upper

112 100

64 69.2 58.9 88.3

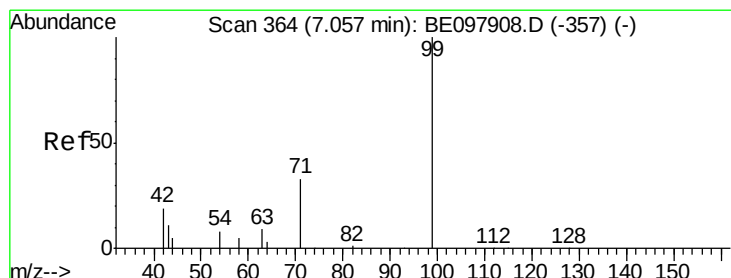
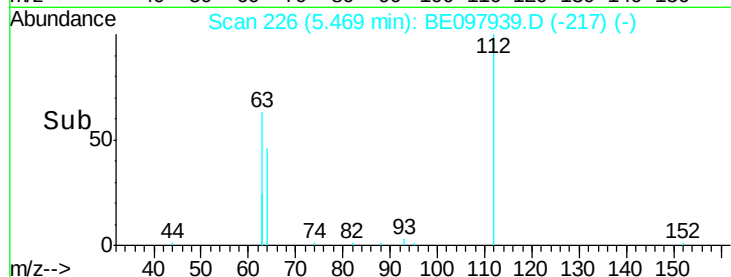
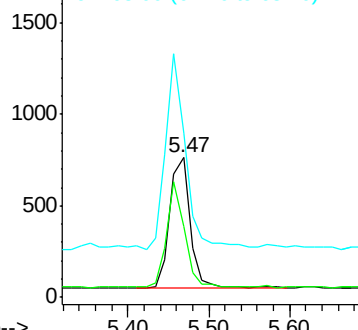
63 142.4 120.3 180.5



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: 0.114 ng

RT: 7.05 min Scan# 363

Delta R.T. -0.01 min

Lab File: BE097939.D

Acq: 17 Oct 2018 9:41

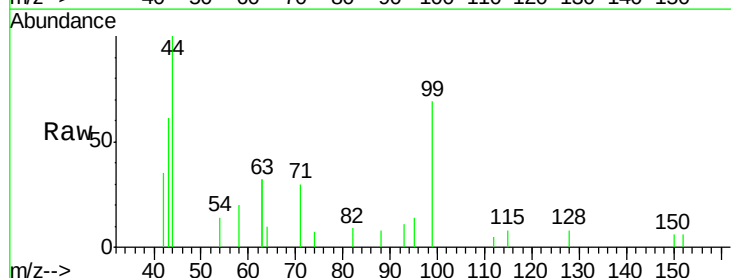
Tgt Ion: 99 Resp: 1087

Ion Ratio Lower Upper

99 100

42 0.0 19.9 29.9#

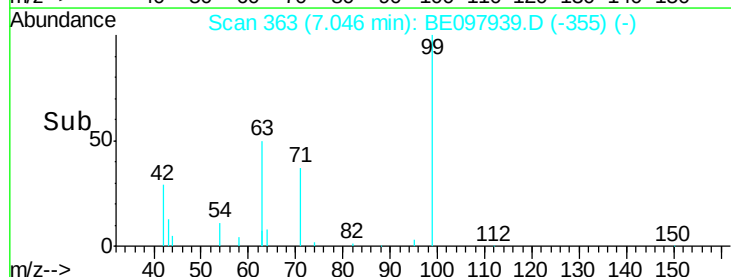
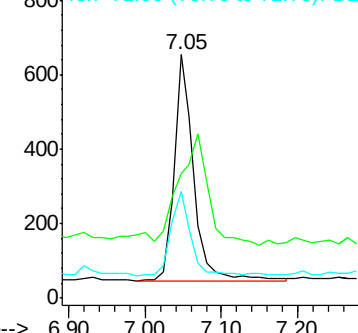
71 38.1 27.8 41.8

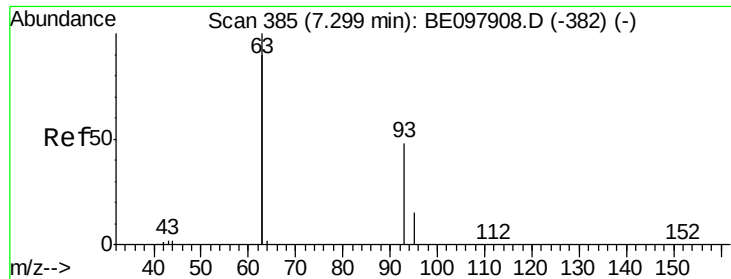


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.032 ng

RT: 7.30 min Scan# 385

Delta R.T. 0.00 min

Lab File: BE097939.D

Acq: 17 Oct 2018 9:41

Instrument :

BNA_E

ClientSampleId :

RE-109D3-20181005

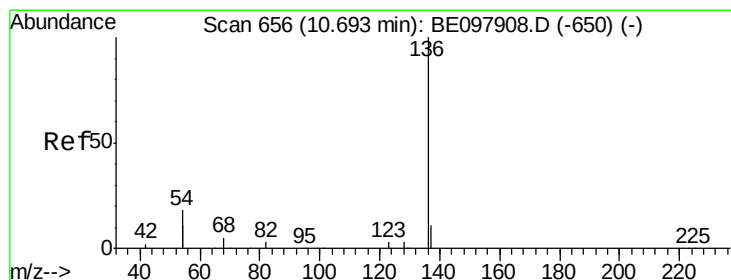
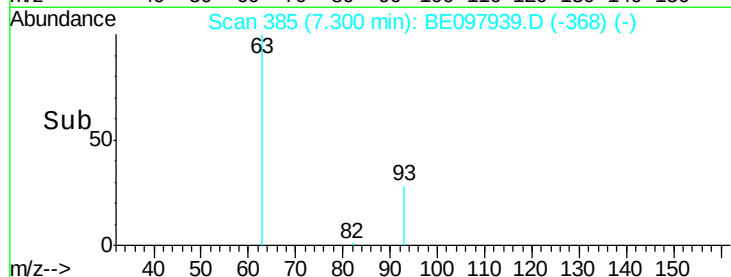
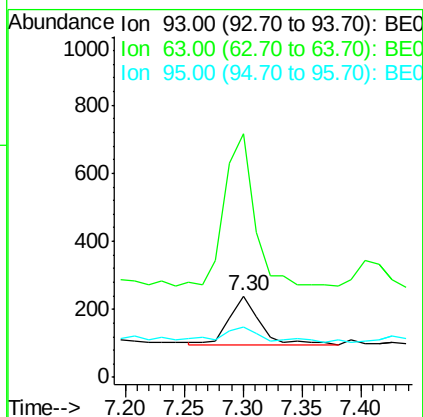
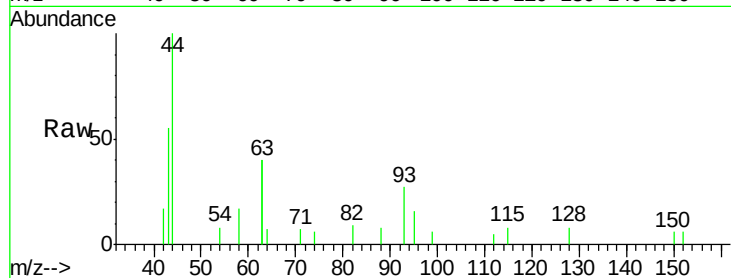
Tgt Ion: 93 Resp: 262

Ion Ratio Lower Upper

93 100

63 298.1 259.0 388.4

95 23.7 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: BE097939.D

Acq: 17 Oct 2018 9:41

Tgt Ion: 136 Resp: 8717

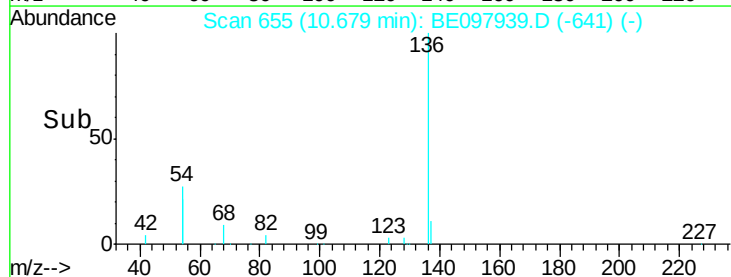
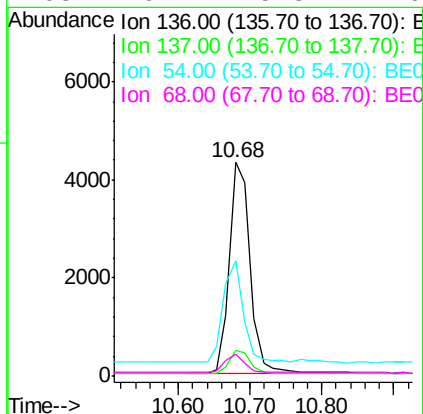
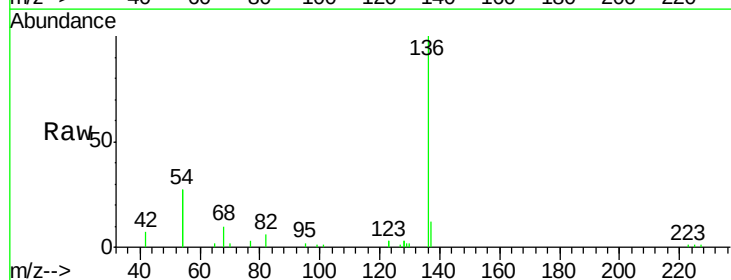
Ion Ratio Lower Upper

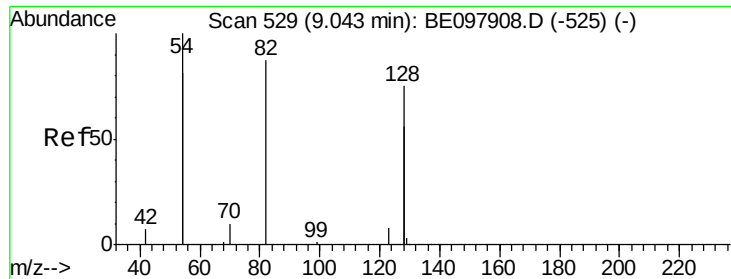
136 100

137 12.2 9.6 14.4

54 54.2 27.7 41.5#

68 10.4 5.3 7.9#





#8

Nitrobenzene-d5

Concen: 0.425 ng

RT: 9.03 min Scan# 528

Delta R.T. -0.01 min

Lab File: BE097939.D

Acq: 17 Oct 2018 9:41

Instrument :

BNA_E

ClientSampleId :

RE-109D3-20181005

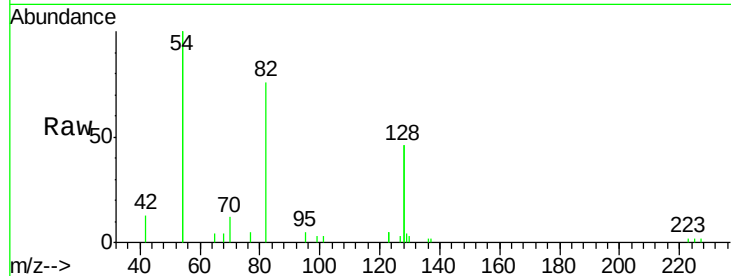
Tgt Ion: 82 Resp: 3508

Ion Ratio Lower Upper

82 100

128 121.4 129.9 194.9#

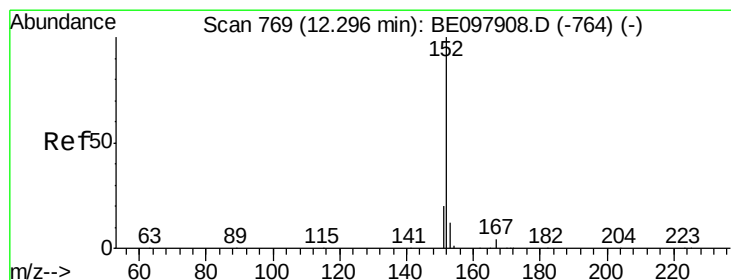
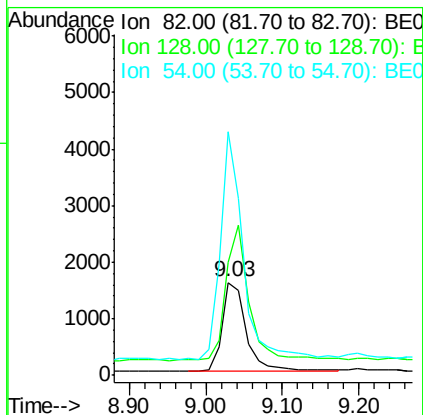
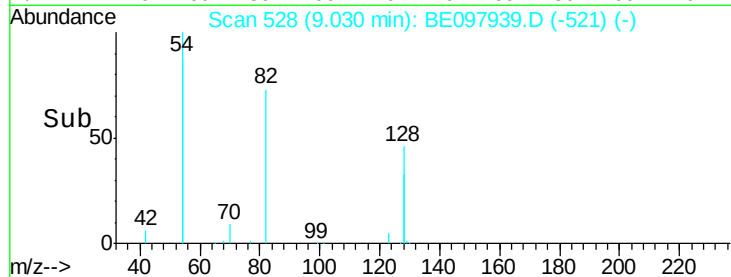
54 262.8 174.0 261.0#



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: 0.401 ng

RT: 12.28 min Scan# 768

Delta R.T. -0.01 min

Lab File: BE097939.D

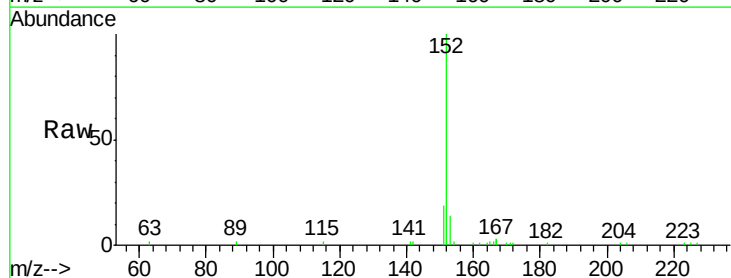
Acq: 17 Oct 2018 9:41

Tgt Ion: 152 Resp: 5813

Ion Ratio Lower Upper

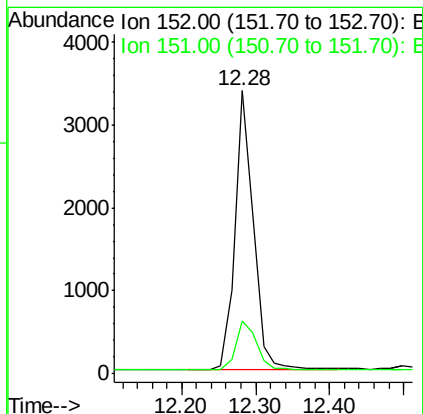
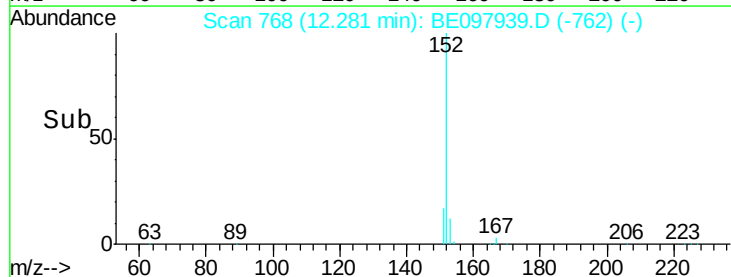
152 100

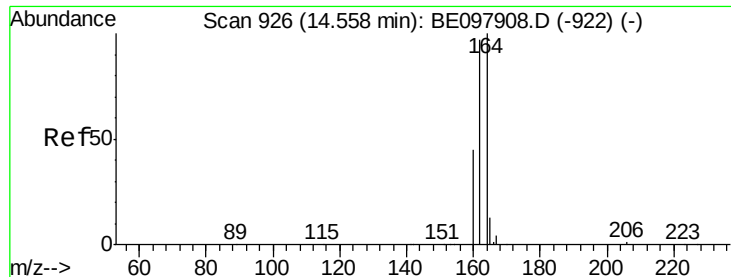
151 19.8 16.2 24.4



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. -0.01 min

Lab File: BE097939.D

Acq: 17 Oct 2018 9:41

Instrument :

BNA_E

ClientSampleId :

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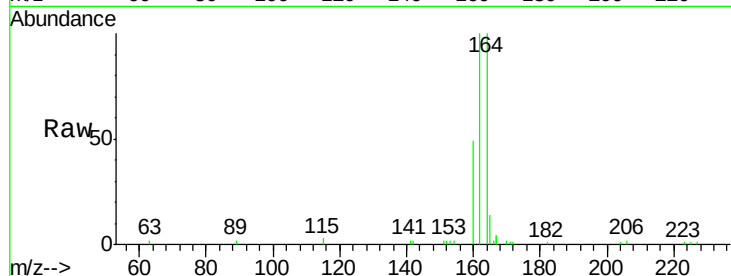
Tgt Ion:164 Resp: 5590

Ion Ratio Lower Upper

164 100

162 100.4 77.4 116.2

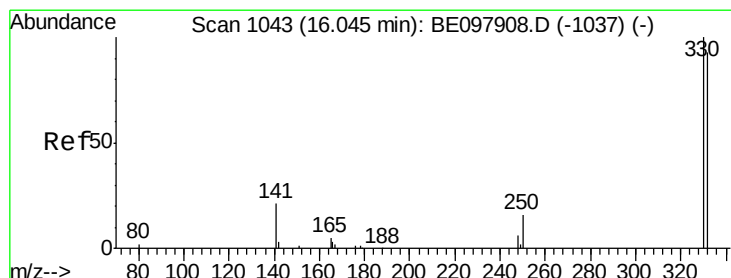
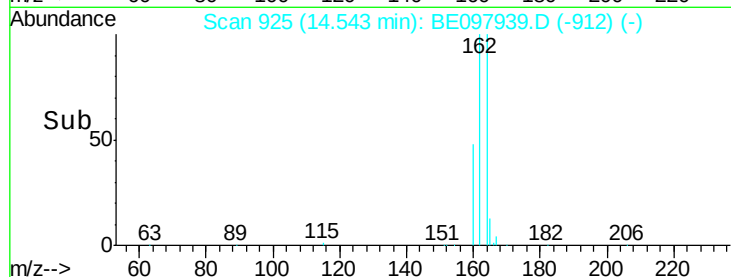
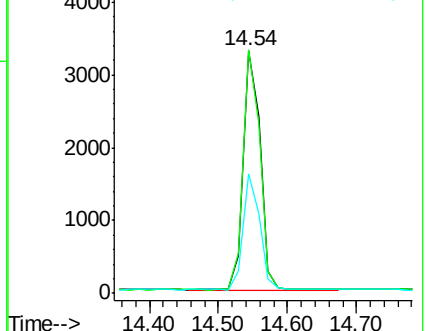
160 49.3 36.5 54.7



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: 0.412 ng

RT: 16.05 min Scan# 1043

Delta R.T. 0.00 min

Lab File: BE097939.D

Acq: 17 Oct 2018 9:41

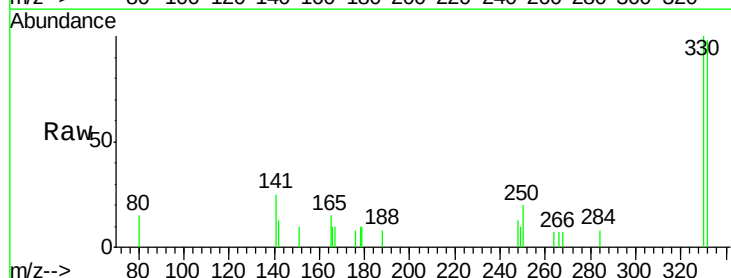
Tgt Ion:330 Resp: 1238

Ion Ratio Lower Upper

330 100

332 94.2 76.5 114.7

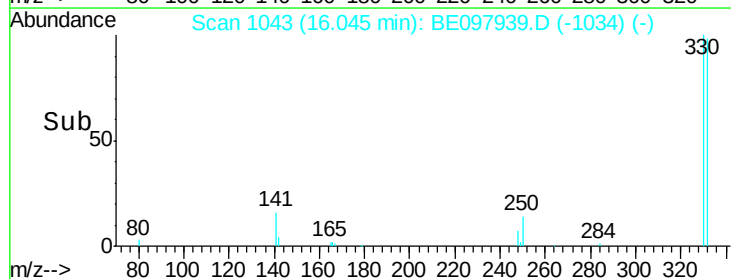
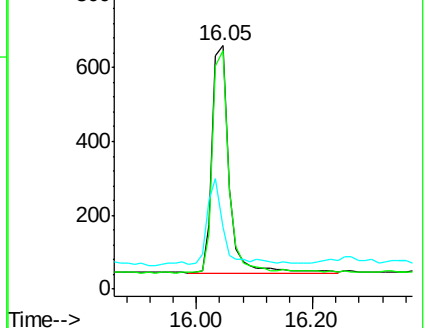
141 33.7 31.8 47.6

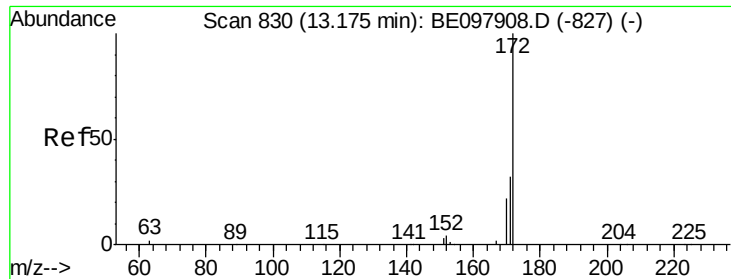


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

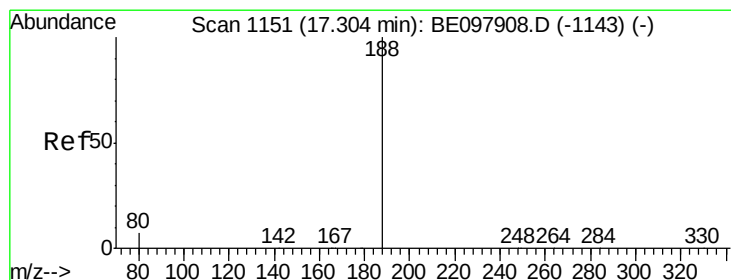
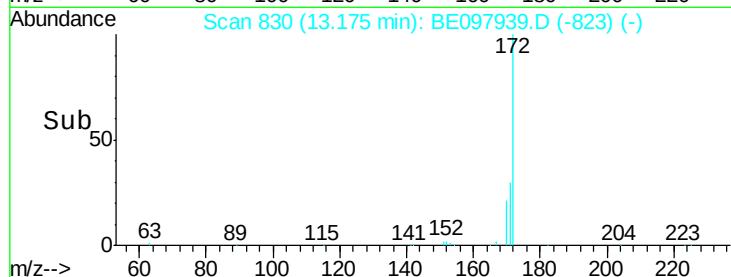
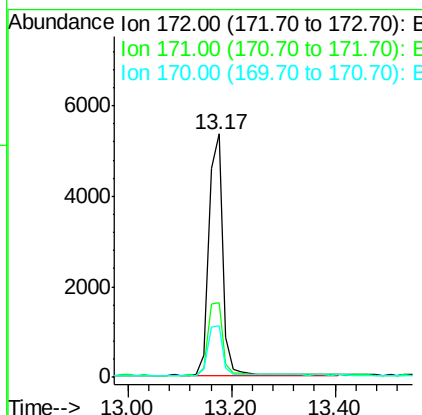
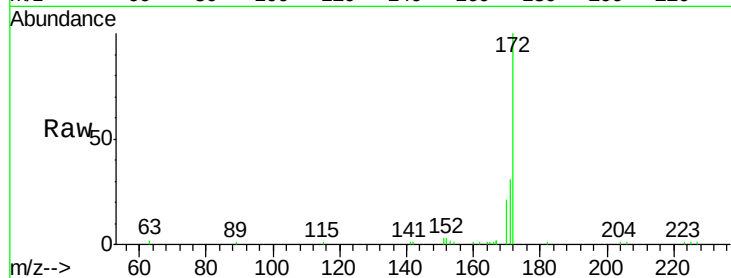




#15
2-Fluorobiphenyl
Concen: 0.440 ng
RT: 13.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BE097939.D
Acq: 17 Oct 2018 9:41

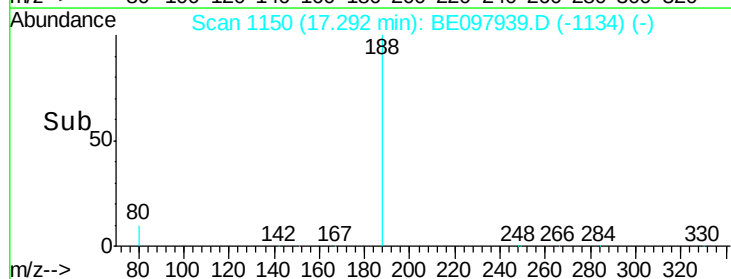
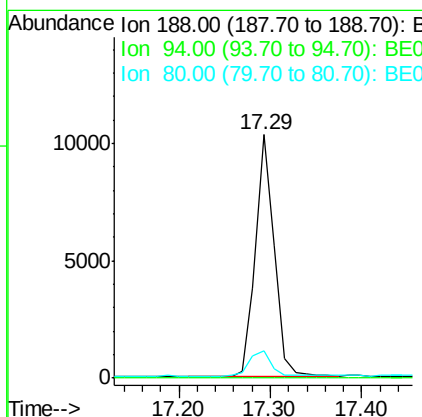
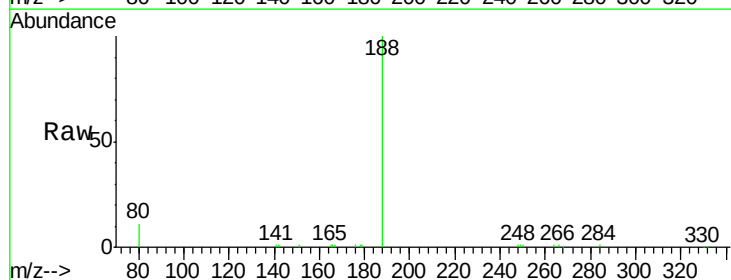
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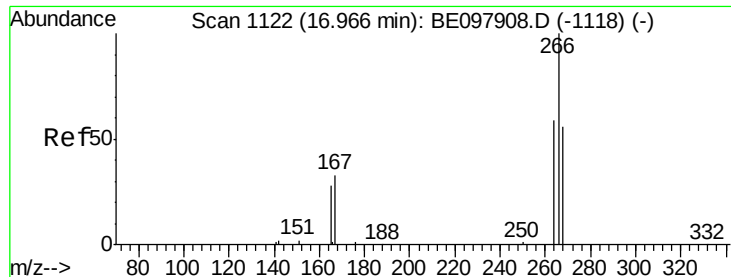
Tgt Ion:172 Resp: 10062
Ion Ratio Lower Upper
172 100
171 30.6 26.0 39.0
170 21.3 18.0 27.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.29 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BE097939.D
Acq: 17 Oct 2018 9:41

Tgt Ion:188 Resp: 14910
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.0 6.3 9.5#





#22

Pentachlorophenol

Concen: 0.039 ng

RT: 16.98 min Scan# 1123

Delta R.T. 0.01 min

Lab File: BE097939.D

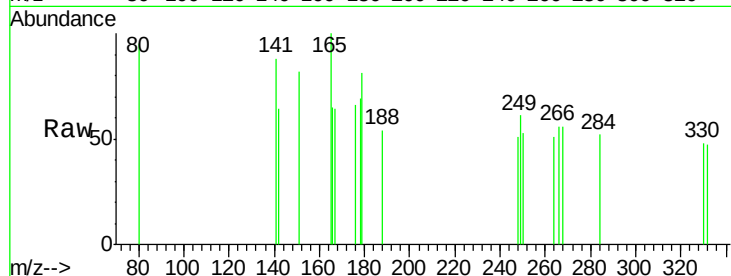
Acq: 17 Oct 2018 9:41

Instrument :

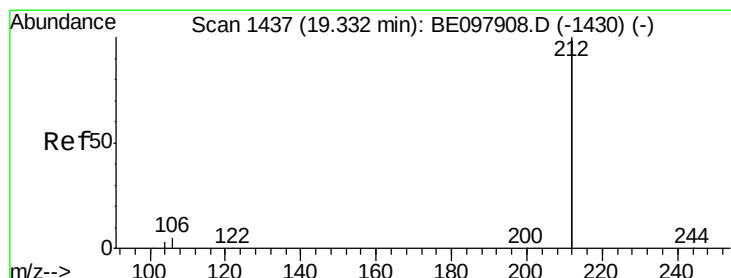
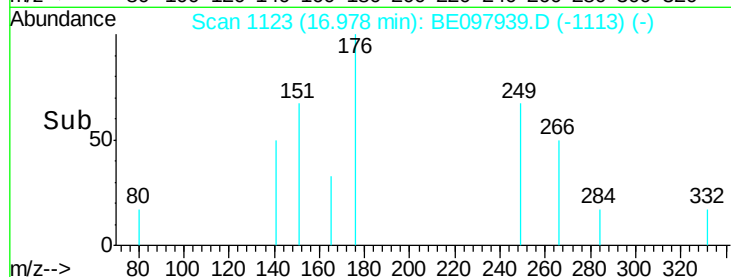
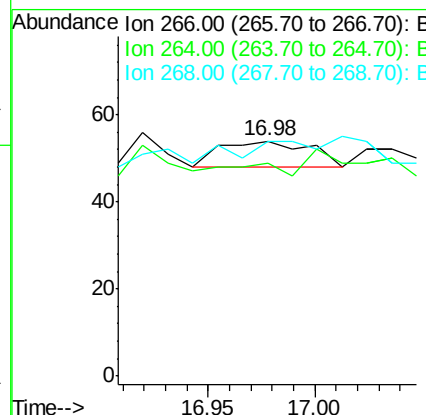
BNA_E

ClientSampleId :

RE-109D3-20181005



Tgt Ion:	266	Resp:	17
Ion	Ratio	Lower	Upper
266	100		
264	90.7	51.3	76.9#
268	100.0	50.1	75.1#



#25

Fluoranthene-d10

Concen: 0.418 ng

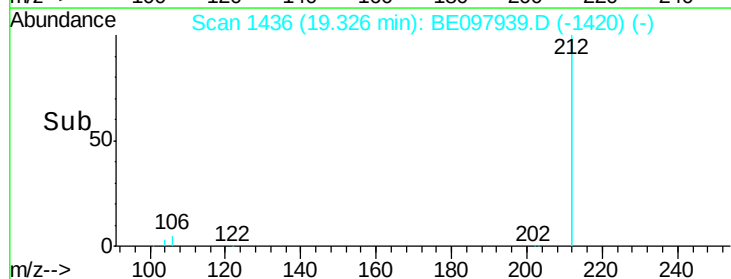
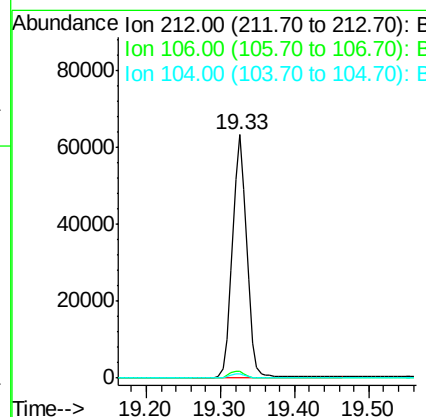
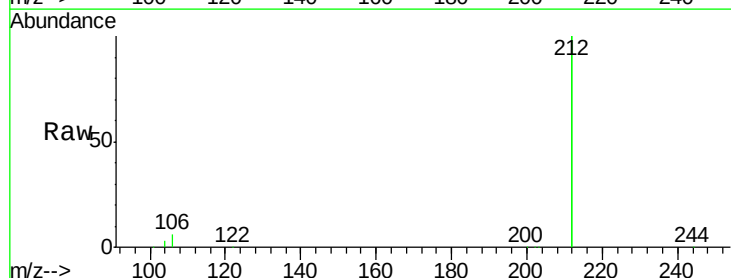
RT: 19.33 min Scan# 1436

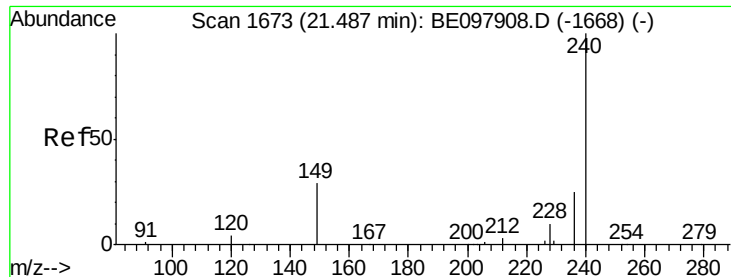
Delta R.T. -0.01 min

Lab File: BE097939.D

Acq: 17 Oct 2018 9:41

Tgt Ion:	212	Resp:	84421
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: BE097939.D

Acq: 17 Oct 2018 9:41

Instrument :

BNA_E

ClientSampleId :

RE-109D3-20181005

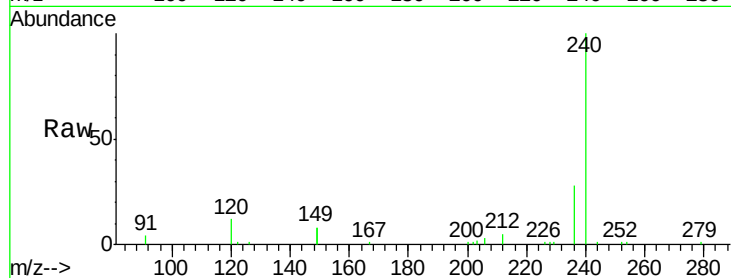
Tgt Ion:240 Resp: 18303

Ion Ratio Lower Upper

240 100

120 11.7 7.1 10.7#

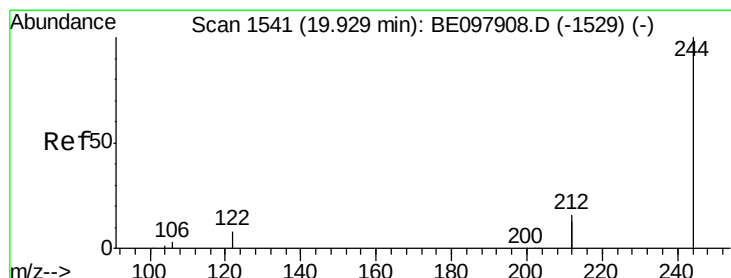
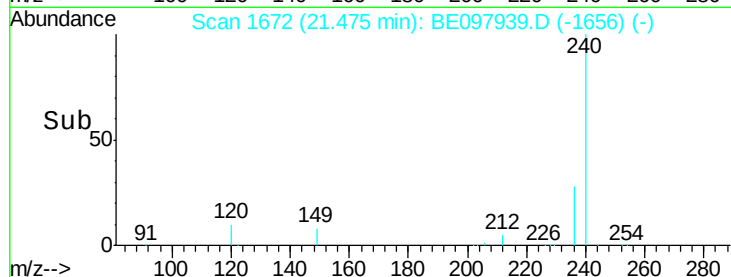
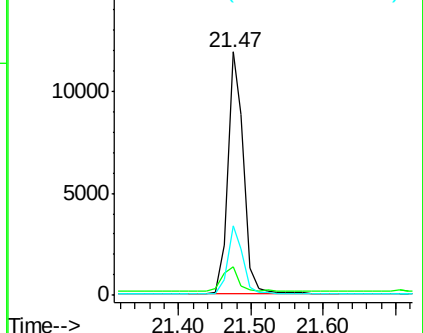
236 28.3 21.3 31.9



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: 0.783 ng

RT: 19.92 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BE097939.D

Acq: 17 Oct 2018 9:41

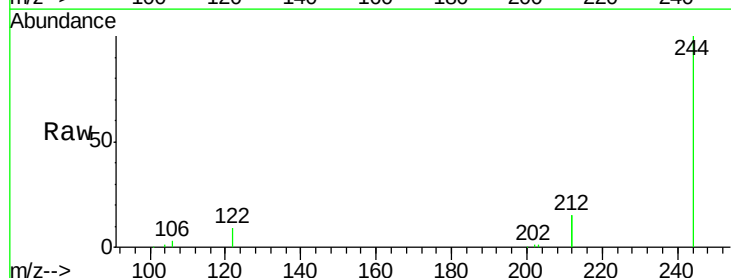
Tgt Ion:244 Resp: 32865

Ion Ratio Lower Upper

244 100

212 29.2 26.2 39.2

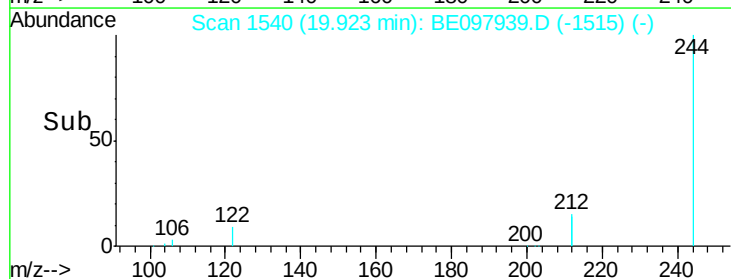
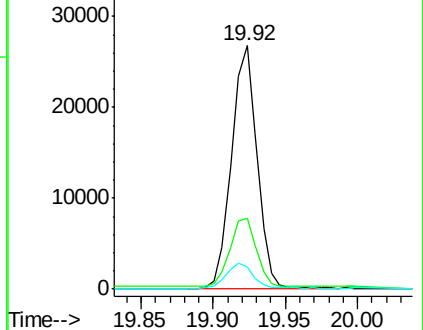
122 9.0 7.7 11.5

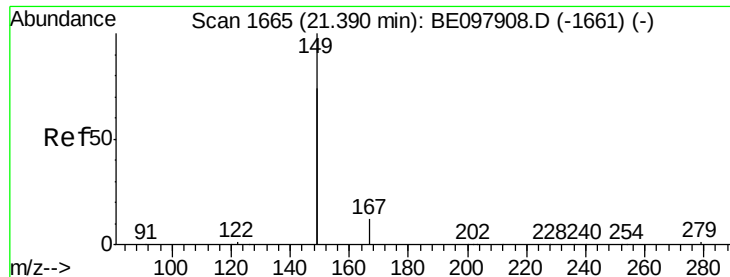


Abundance Ion 244.00 (243.70 to 244.70): E

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: BE097939.D

Acq: 17 Oct 2018 9:41

Instrument :

BNA_E

ClientSampleId :

RE-109D3-20181005

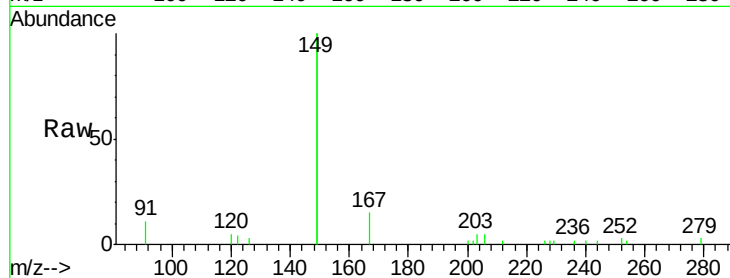
Tgt Ion:149 Resp: 8513

Ion Ratio Lower Upper

149 100

167 7.3 5.6 8.4

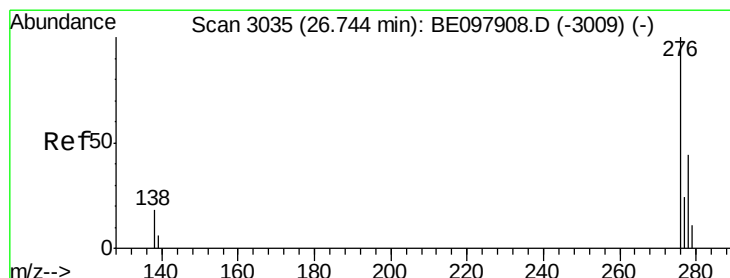
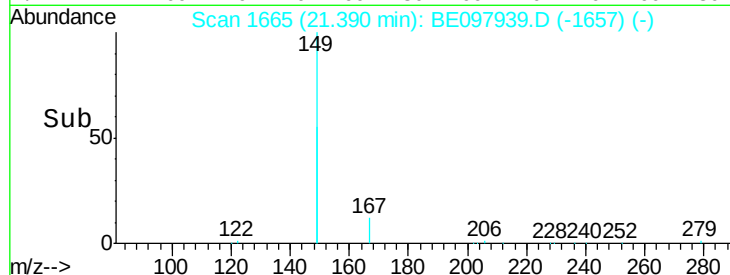
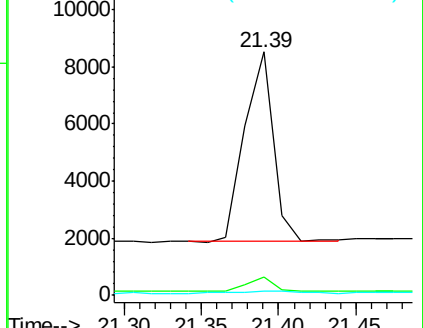
279 1.6 0.9 1.3#



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: 26.72 min Scan# 3027

Delta R.T. -0.03 min

Lab File: BE097939.D

Acq: 17 Oct 2018 9:41

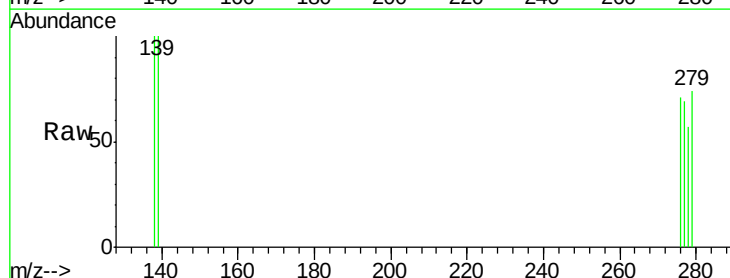
Tgt Ion:276 Resp: 11

Ion Ratio Lower Upper

276 100

138 54.5 17.0 25.6#

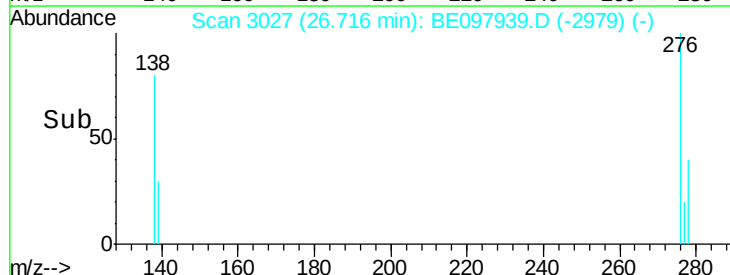
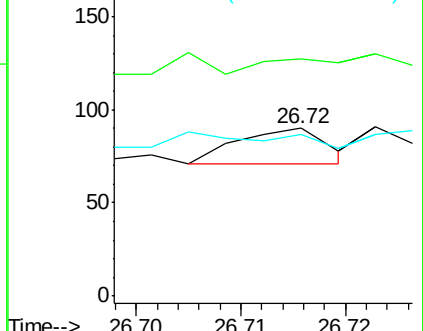
277 145.5 20.5 30.7#

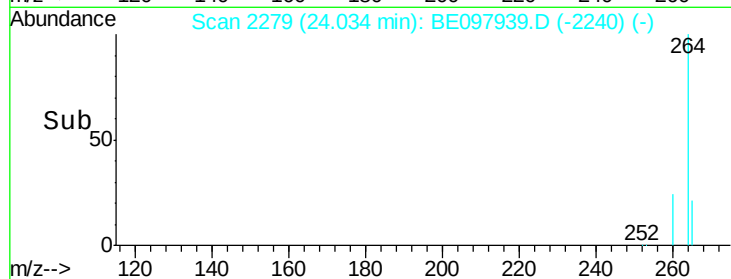
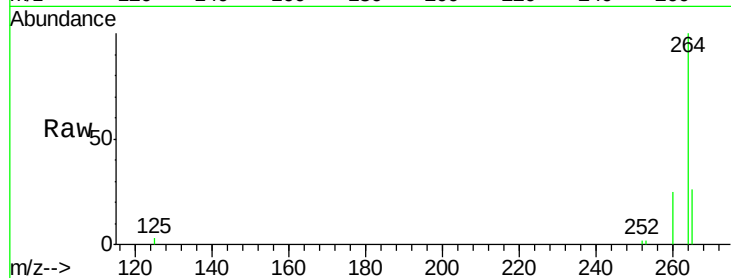
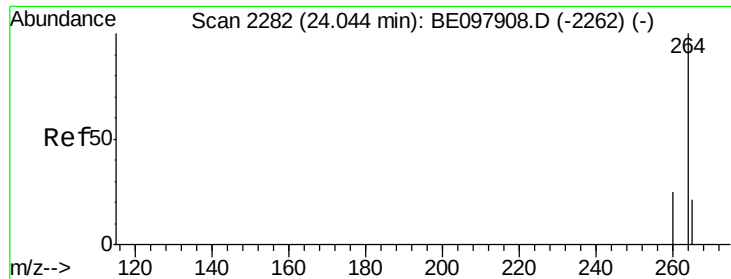


Abundance Ion 276.00 (275.70 to 276.70): E

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: BE097939.D

Acq: 17 Oct 2018 9:41

Instrument :

BNA_E

ClientSampleId :

RE-109D3-20181005

Tgt Ion:264 Resp: 18950

Ion Ratio Lower Upper

264 100

260 24.9 21.1 31.7

265 26.0 29.2 43.8#

