

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE101618\
 Data File : BE097945.D
 Acq On : 17 Oct 2018 13:22
 Operator : SJ/JU
 Sample : J5317-07DL 2X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE-122D2-IMP-20181004DL

Quant Time: Oct 17 17:19:10 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

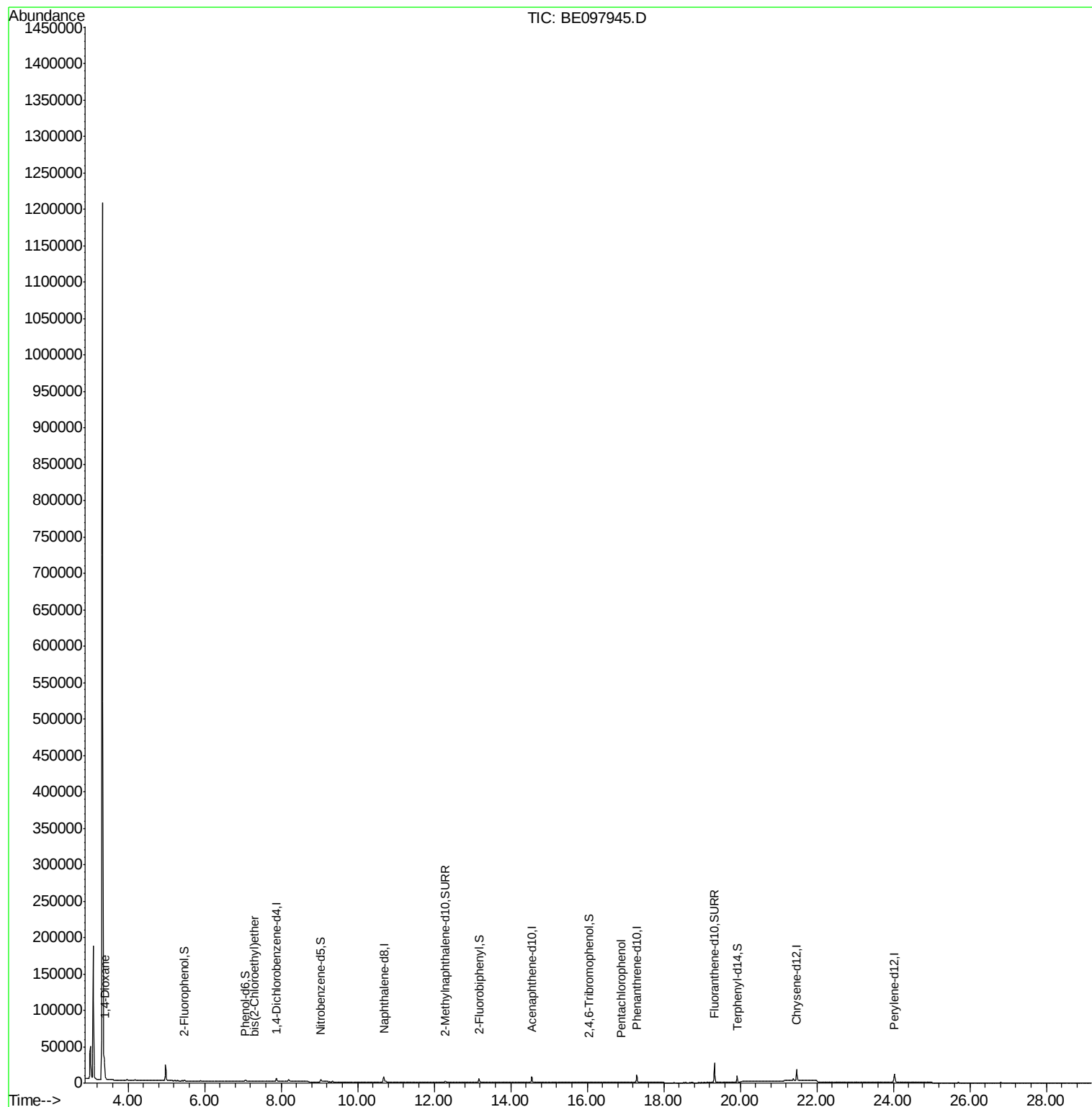
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	1923	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	8337	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	5375	0.40	ng	-0.02
19) Phenanthrene-d10	17.29	188	15062	0.40	ng	-0.01
27) Chrysene-d12	21.47	240	16084	0.40	ng	-0.01
34) Perylene-d12	24.03	264	16785	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	565	0.09	ng	0.00
5) Phenol-d6	7.06	99	510	0.06	ng	0.00
8) Nitrobenzene-d5	9.04	82	1419	0.18	ng	0.00
11) 2-Methylnaphthalene-d10	12.28	152	2543	0.18	ng	-0.02
14) 2,4,6-Tribromophenol	16.04	330	342	0.12	ng	0.00
15) 2-Fluorobiphenyl	13.17	172	5088	0.23	ng	0.00
25) Fluoranthene-d10	19.33	212	35672	0.17	ng	0.00
29) Terphenyl-d14	19.92	244	9076	0.25	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.38	88	8377	2.498	ng	96
6) bis(2-Chloroethyl)ether	7.30	93	153	0.020	ng	# 84
22) Pentachlorophenol	16.90	266	6	0.033	ng	# 60
32) Bis(2-ethylhexyl)phthalate	21.39	149	3645	Below Cal		98
33) Indeno(1,2,3-cd)pyrene	26.72	276	20	Below Cal	#	69

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

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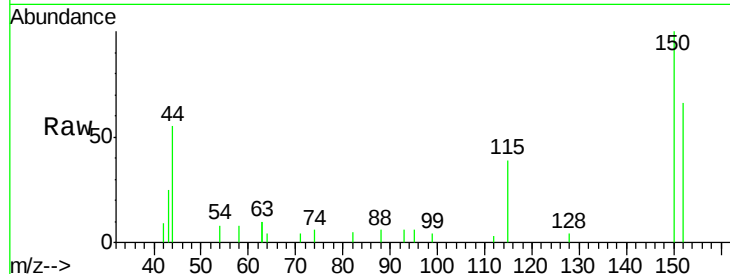


#1

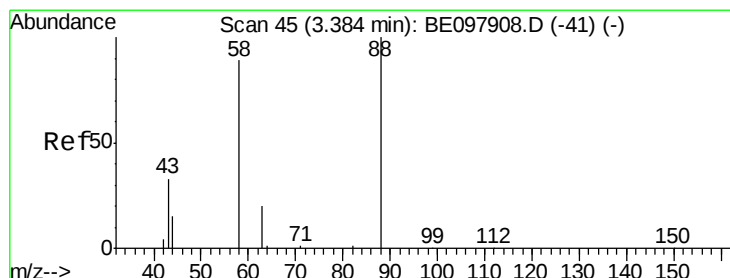
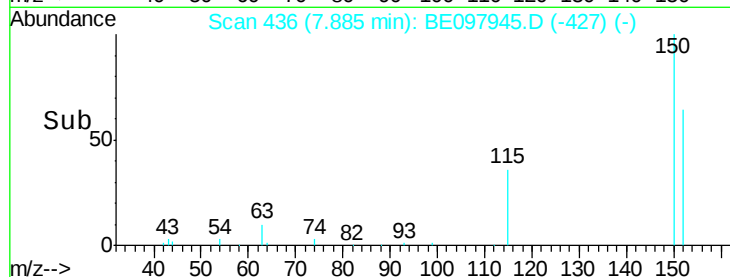
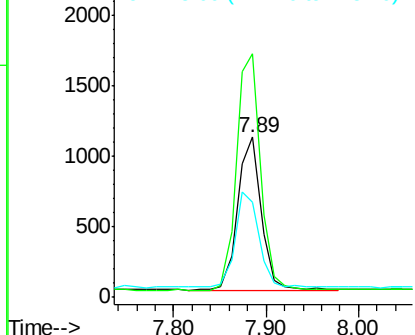
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.89 min Scan# 436
Delta R.T. -0.00 min
Lab File: BE097945.D
Acq: 17 Oct 2018 13:22

Instrument :
BNA_E
ClientSampleId :
RE-122D2-IMP-20181004DL

Tgt Ion:152 Resp: 1923
Ion Ratio Lower Upper
152 100
150 152.3 118.2 177.4
115 59.8 50.9 76.3



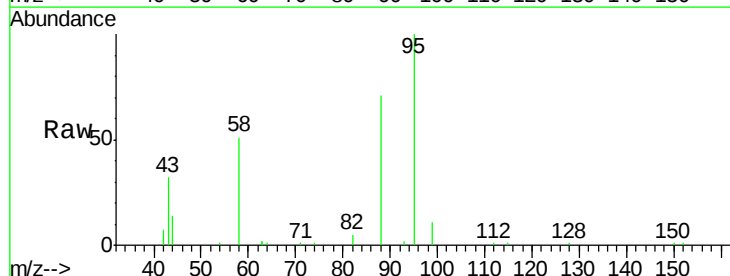
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



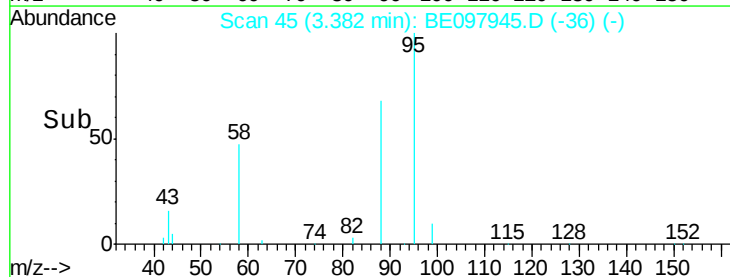
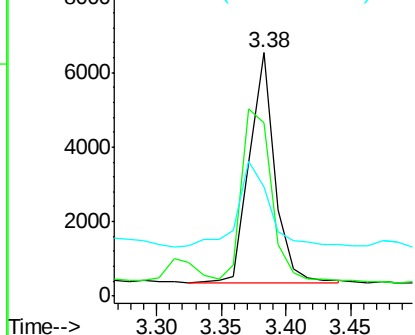
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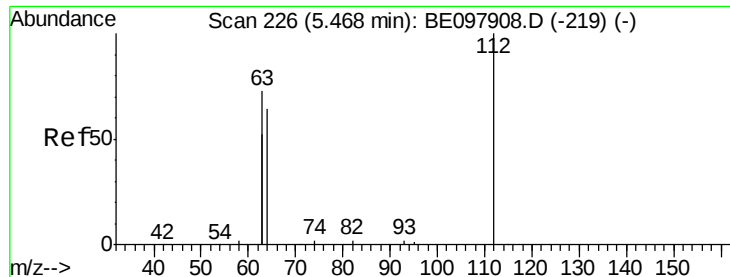
1,4-Dioxane
Concen: 2.498 ng
RT: 3.38 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE097945.D
Acq: 17 Oct 2018 13:22

Tgt Ion: 88 Resp: 8377
Ion Ratio Lower Upper
88 100
58 86.6 73.2 109.8
43 46.6 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: 0.093 ng

RT: 5.47 min Scan# 226

Delta R.T. -0.00 min

Lab File: BE097945.D

Acq: 17 Oct 2018 13:22

Instrument :

BNA_E

ClientSampleId :

RE-122D2-IMP-20181004DL

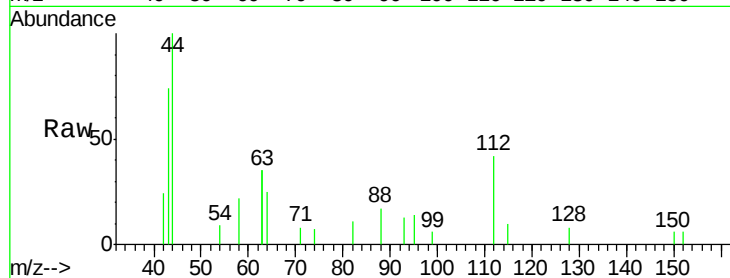
Tgt Ion: 112 Resp: 565

Ion Ratio Lower Upper

112 100

64 70.3 58.9 88.3

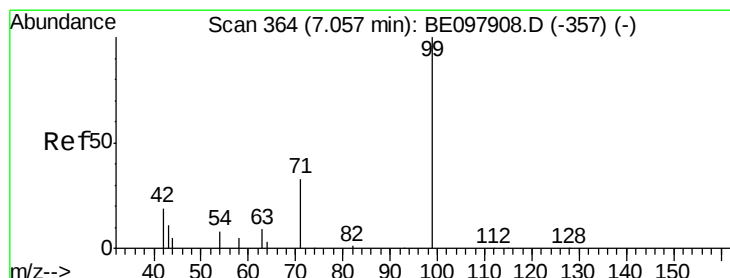
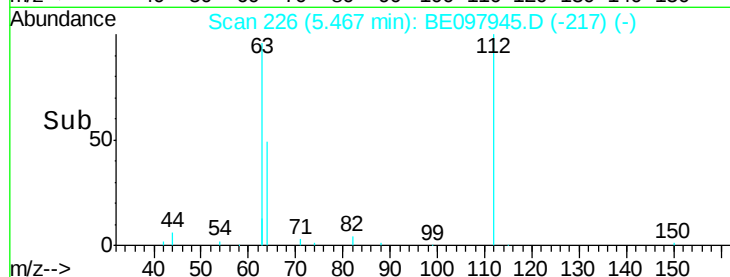
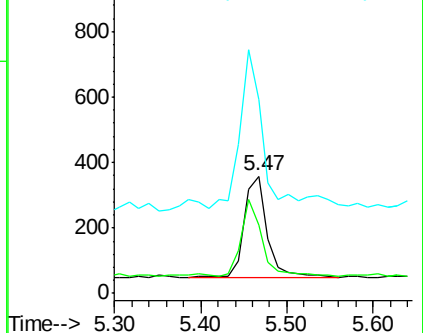
63 151.0 120.3 180.5



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: BE097945.D

Acq: 17 Oct 2018 13:22

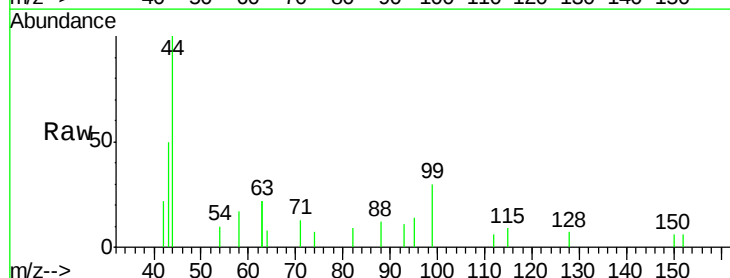
Tgt Ion: 99 Resp: 510

Ion Ratio Lower Upper

99 100

42 44.9 19.9 29.9#

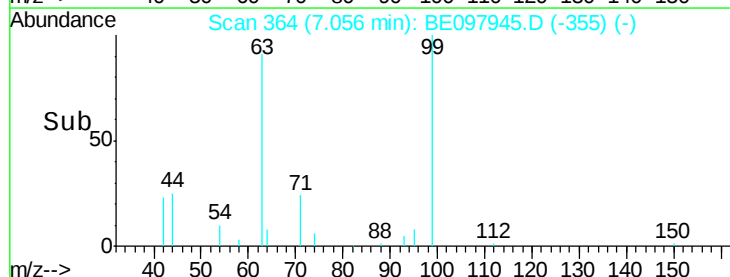
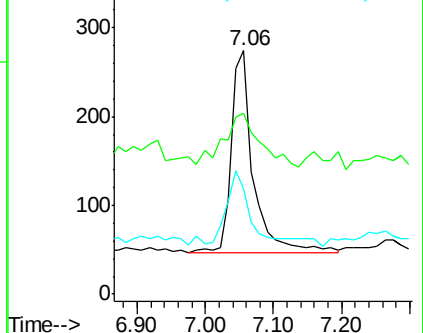
71 44.9 27.8 41.8#

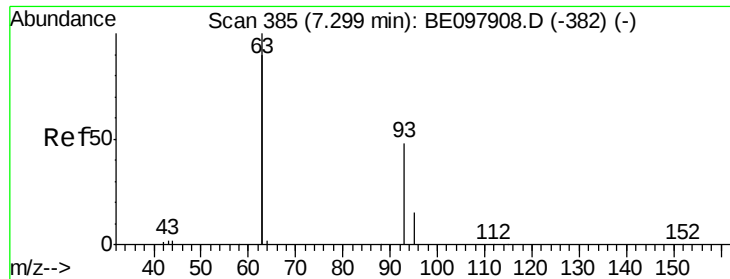


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.020 ng

RT: 7.30 min Scan# 385

Delta R.T. -0.00 min

Lab File: BE097945.D

Acq: 17 Oct 2018 13:22

Instrument :

BNA_E

ClientSampleId :

RE-122D2-IMP-20181004DL

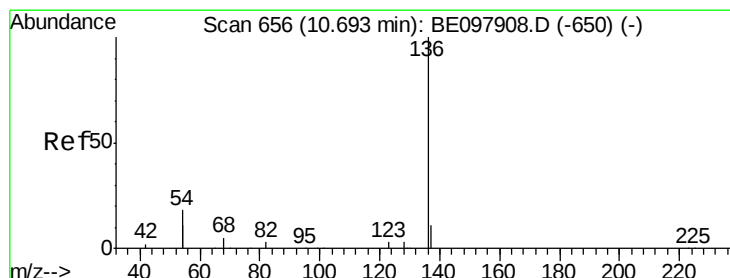
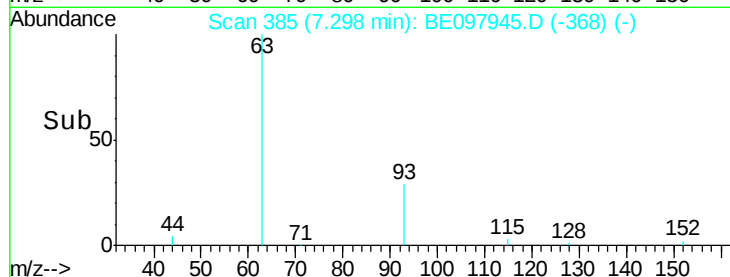
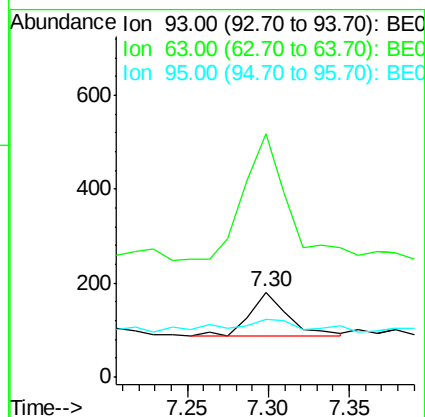
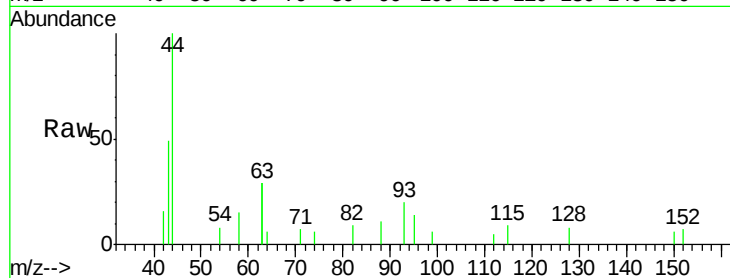
Tgt Ion: 93 Resp: 153

Ion Ratio Lower Upper

93 100

63 351.6 259.0 388.4

95 59.5 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: BE097945.D

Acq: 17 Oct 2018 13:22

Tgt Ion: 136 Resp: 8337

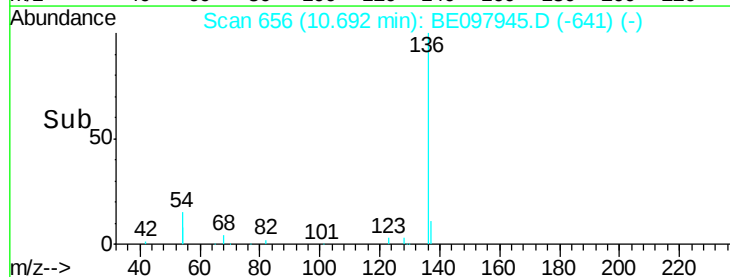
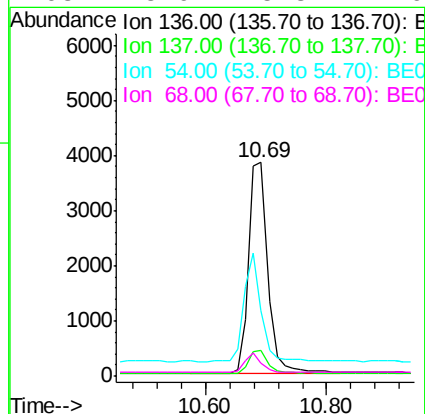
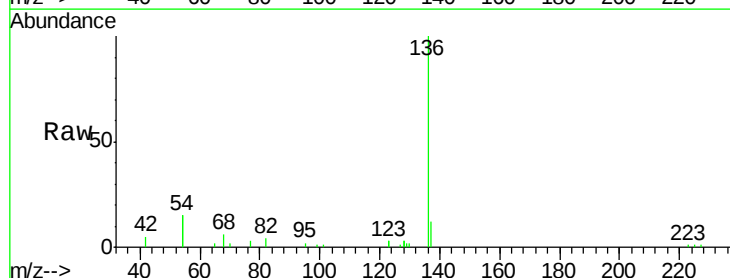
Ion Ratio Lower Upper

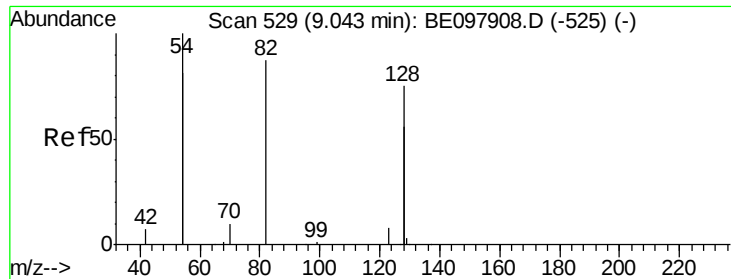
136 100

137 11.8 9.6 14.4

54 30.4 27.7 41.5

68 5.9 5.3 7.9





#8

Nitrobenzene-d5

Concen: 0.180 ng

RT: 9.04 min Scan# 529

Delta R.T. -0.00 min

Lab File: BE097945.D

Acq: 17 Oct 2018 13:22

Instrument :

BNA_E

ClientSampleId :

RE-122D2-IMP-20181004DL

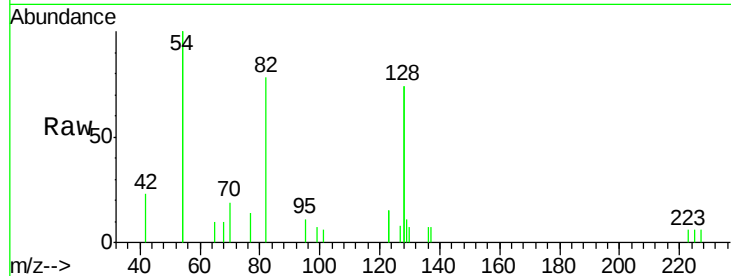
Tgt Ion: 82 Resp: 1419

Ion Ratio Lower Upper

82 100

128 187.6 129.9 194.9

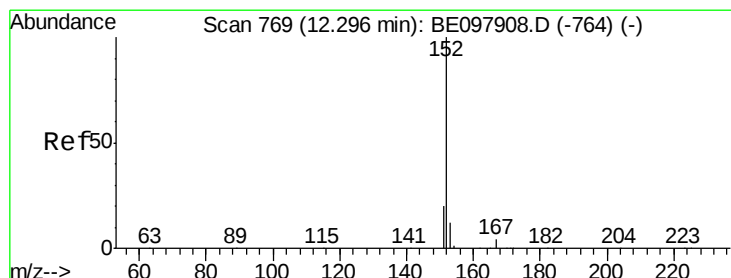
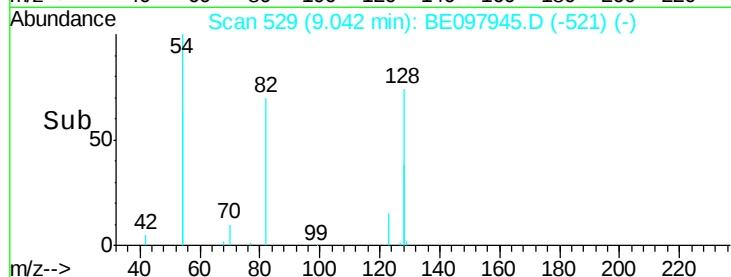
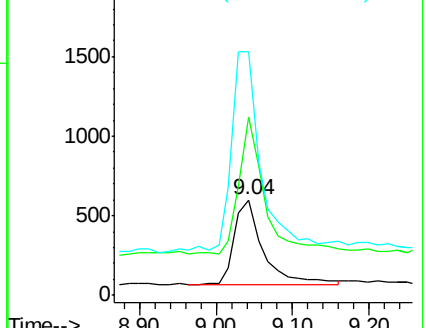
54 255.1 174.0 261.0



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: 0.183 ng

RT: 12.28 min Scan# 768

Delta R.T. -0.02 min

Lab File: BE097945.D

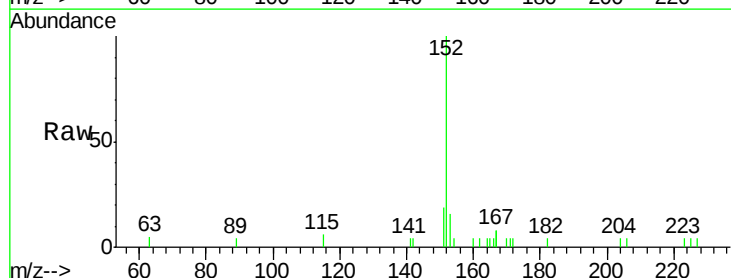
Acq: 17 Oct 2018 13:22

Tgt Ion: 152 Resp: 2543

Ion Ratio Lower Upper

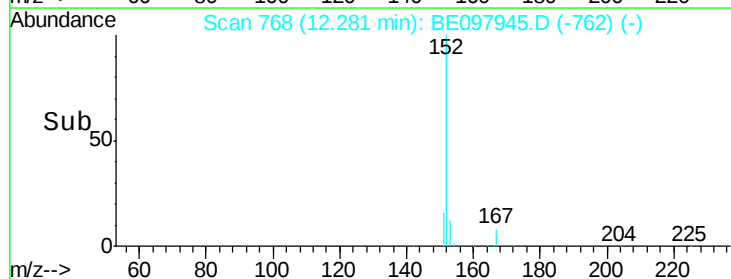
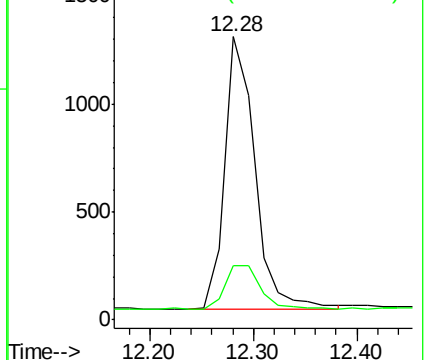
152 100

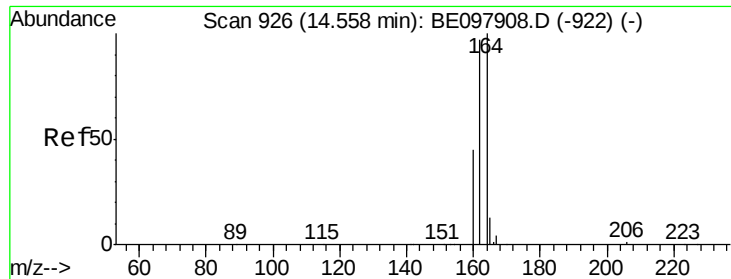
151 19.2 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.54 min Scan# 925

Delta R.T. -0.02 min

Lab File: BE097945.D

Acq: 17 Oct 2018 13:22

Instrument :

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ClientSampleId :

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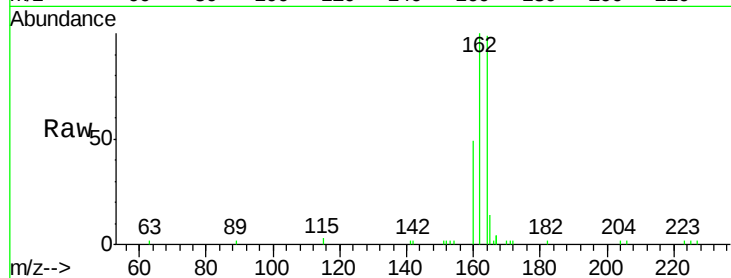
Tgt Ion:164 Resp: 5375

Ion Ratio Lower Upper

164 100

162 100.6 77.4 116.2

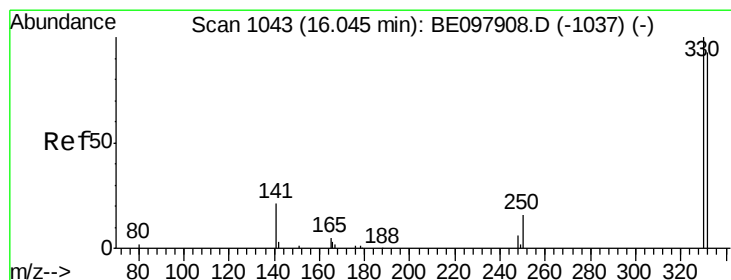
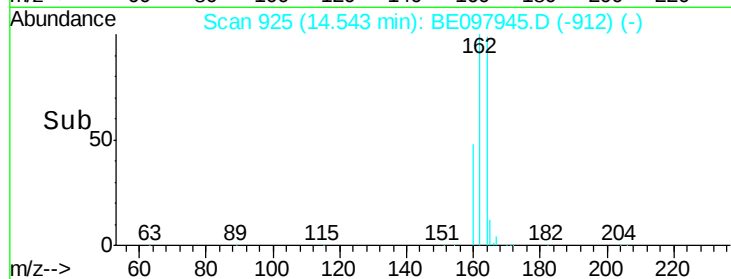
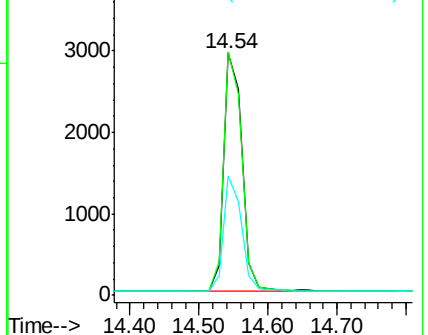
160 49.5 36.5 54.7



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: 0.118 ng

RT: 16.04 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BE097945.D

Acq: 17 Oct 2018 13:22

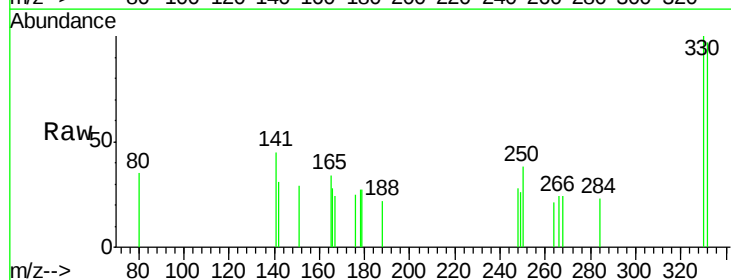
Tgt Ion:330 Resp: 342

Ion Ratio Lower Upper

330 100

332 103.8 76.5 114.7

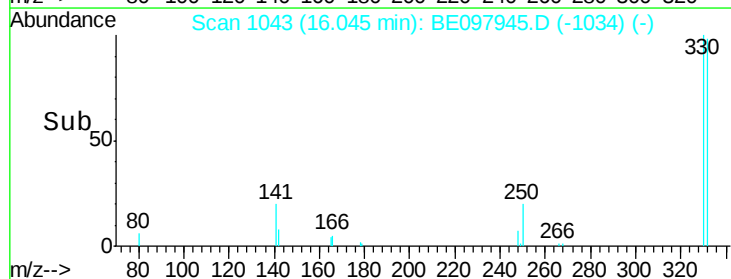
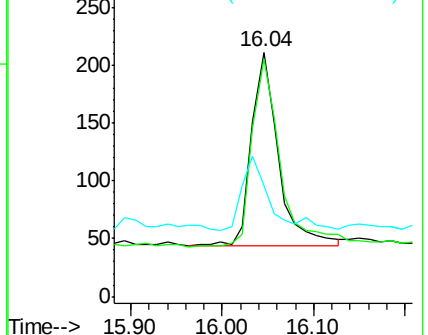
141 39.8 31.8 47.6

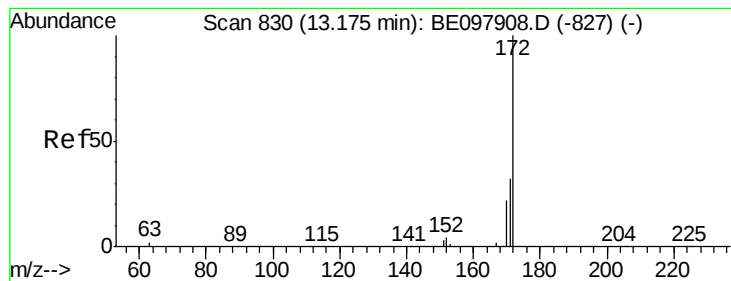


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

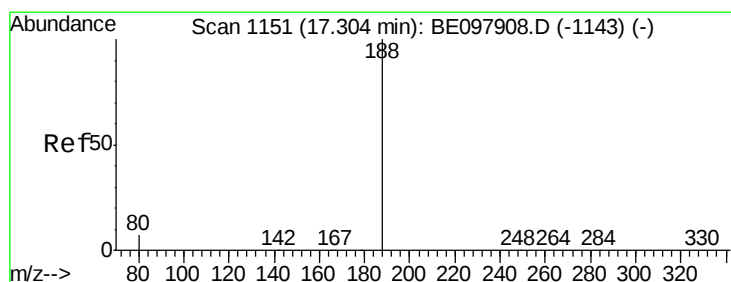
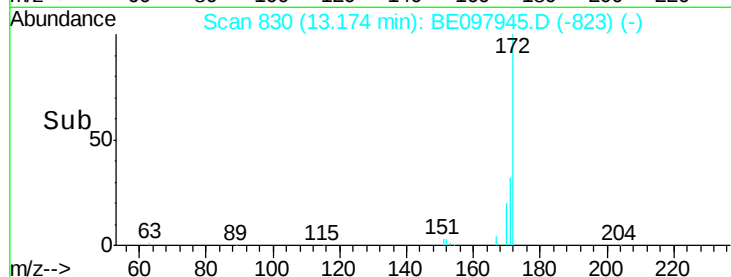
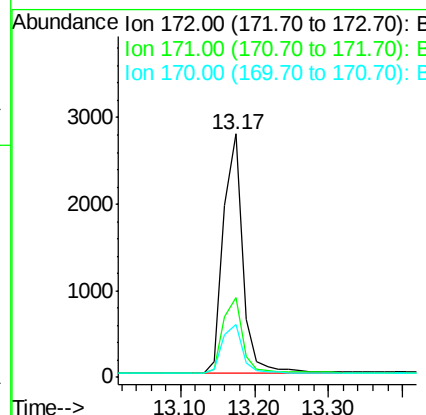
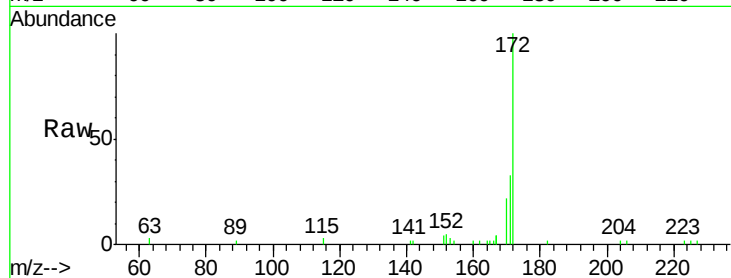




#15
 2-Fluorobiphenyl
 Concen: 0.232 ng
 RT: 13.17 min Scan# 830
 Delta R.T. -0.00 min
 Lab File: BE097945.D
 Acq: 17 Oct 2018 13:22

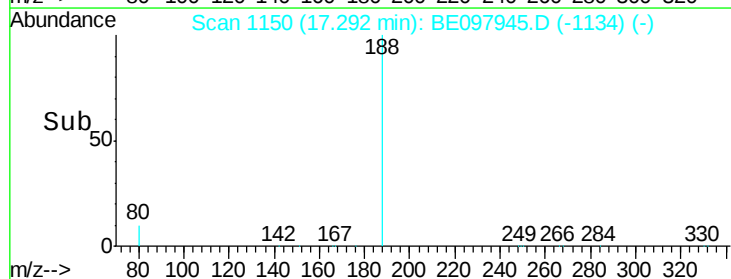
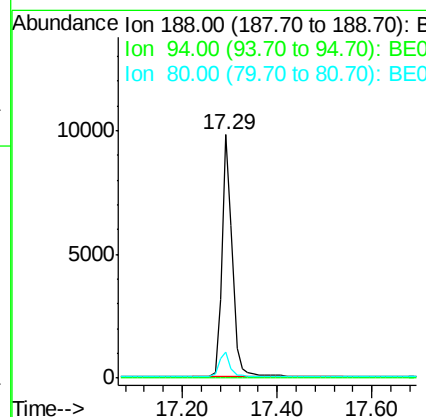
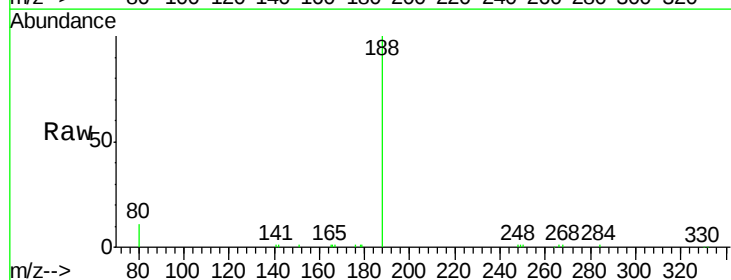
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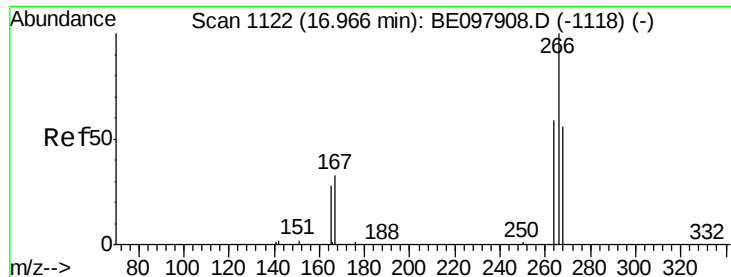
Tgt Ion:172 Resp: 5088
 Ion Ratio Lower Upper
 172 100
 171 33.0 26.0 39.0
 170 21.6 18.0 27.0



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.29 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BE097945.D
 Acq: 17 Oct 2018 13:22

Tgt Ion:188 Resp: 15062
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 10.9 6.3 9.5#

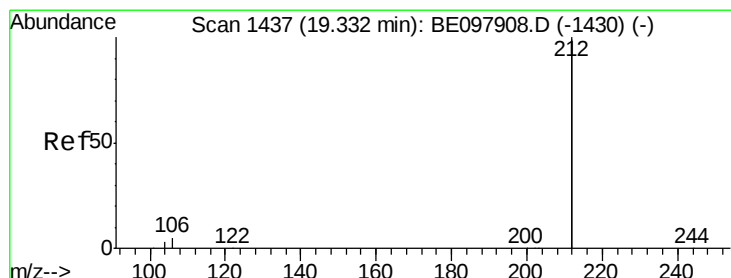
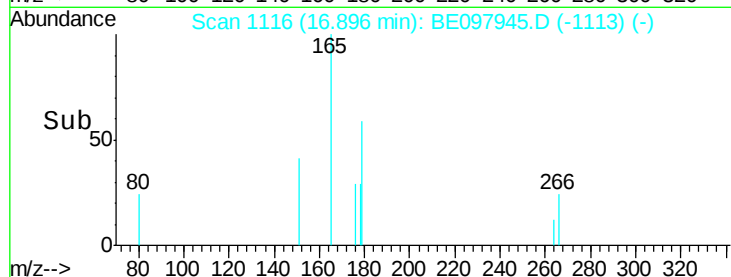
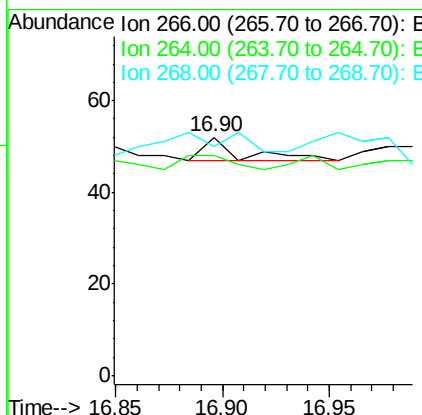
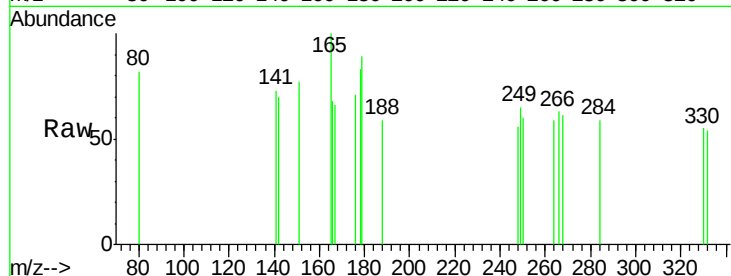




#22
 Pentachlorophenol
 Concen: 0.033 ng
 RT: 16.90 min Scan# 1116
 Delta R.T. -0.07 min
 Lab File: BE097945.D
 Acq: 17 Oct 2018 13:22

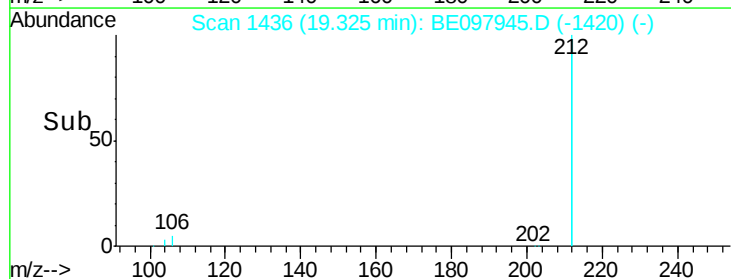
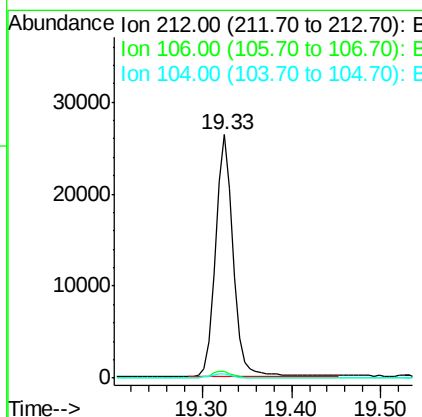
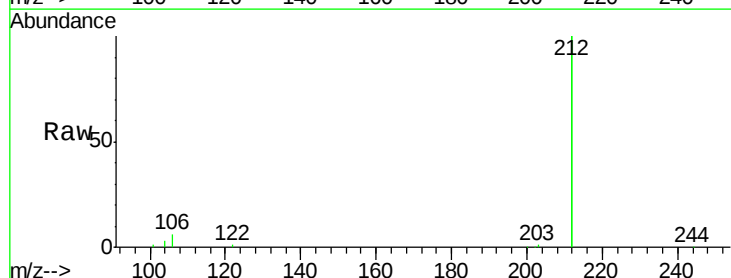
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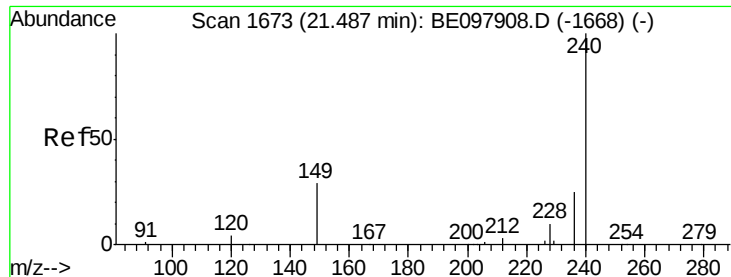
Tgt Ion: 266 Resp: 6
 Ion Ratio Lower Upper
 266 100
 264 92.3 51.3 76.9#
 268 96.2 50.1 75.1#



#25
 Fluoranthene-d10
 Concen: 0.175 ng
 RT: 19.33 min Scan# 1436
 Delta R.T. -0.01 min
 Lab File: BE097945.D
 Acq: 17 Oct 2018 13:22

Tgt Ion: 212 Resp: 35672
 Ion Ratio Lower Upper
 212 100
 106 3.0 2.3 3.5
 104 1.7 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: BE097945.D

Acq: 17 Oct 2018 13:22

Instrument :

BNA_E

ClientSampleId :

RE-122D2-IMP-20181004DL

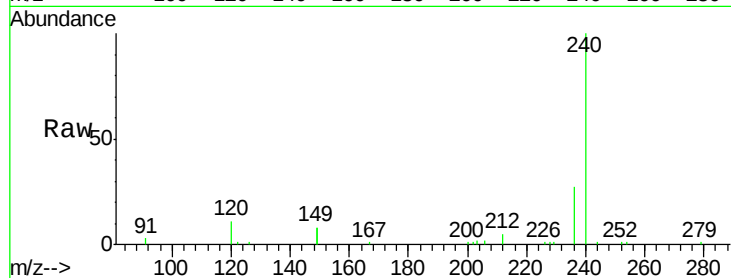
Tgt Ion:240 Resp: 16084

Ion Ratio Lower Upper

240 100

120 10.9 7.1 10.7#

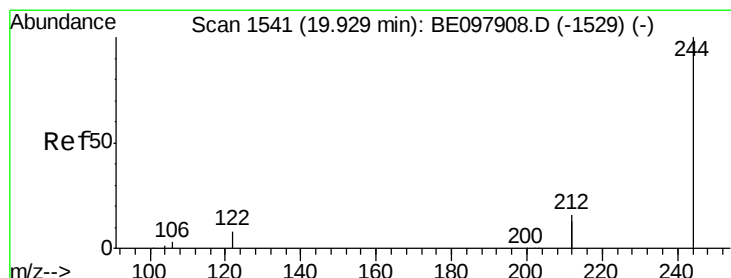
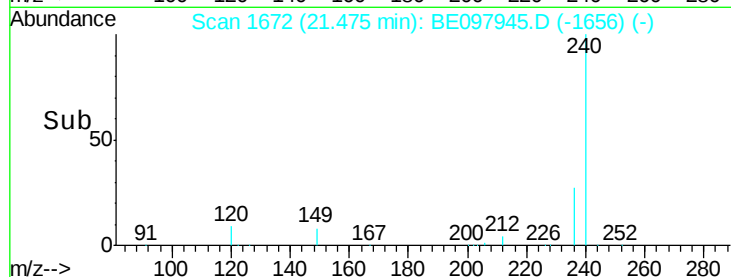
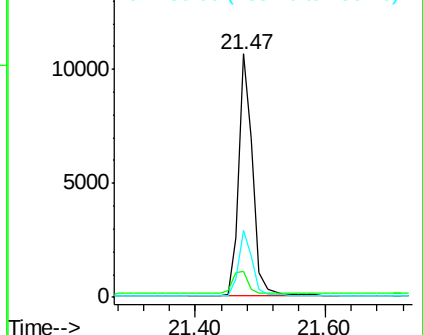
236 27.4 21.3 31.9



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: 0.246 ng

RT: 19.92 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BE097945.D

Acq: 17 Oct 2018 13:22

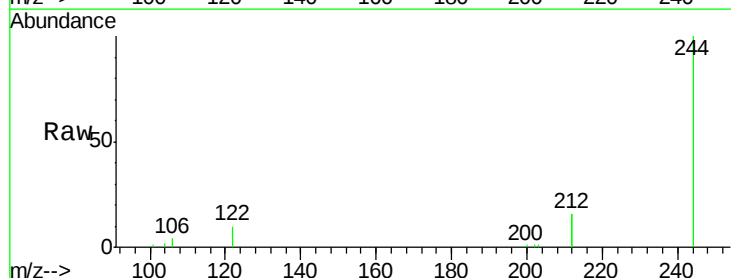
Tgt Ion:244 Resp: 9076

Ion Ratio Lower Upper

244 100

212 31.2 26.2 39.2

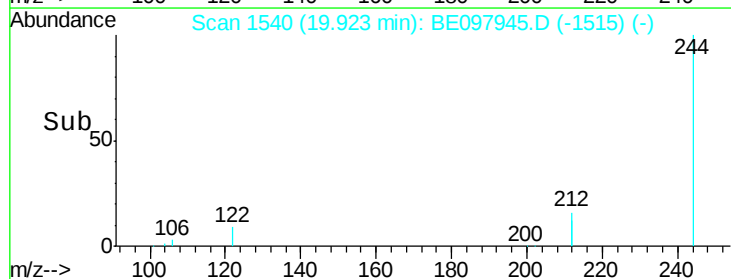
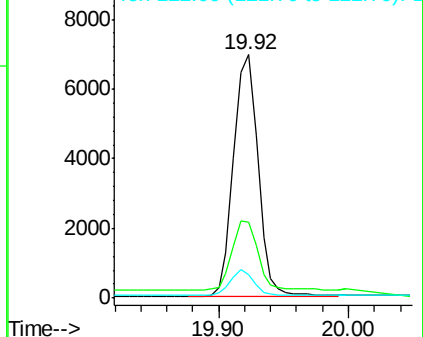
122 9.8 7.7 11.5

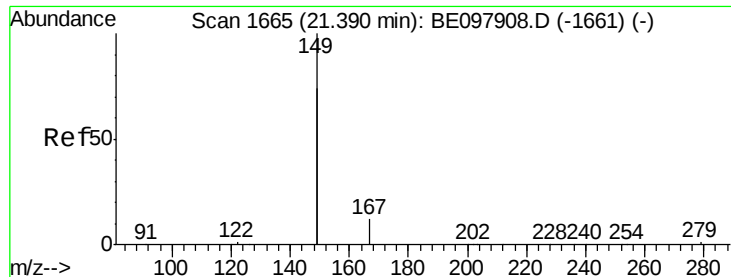


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: Below Cal

RT: 21.39 min Scan# 1665

Delta R.T. 0.00 min

Lab File: BE097945.D

Acq: 17 Oct 2018 13:22

Instrument :

BNA_E

ClientSampleId :

RE-122D2-IMP-20181004DL

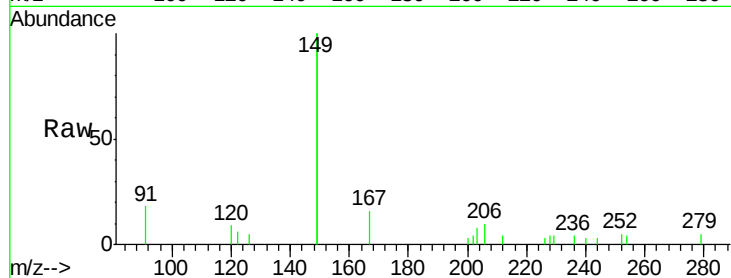
Tgt Ion:149 Resp: 3645

Ion Ratio Lower Upper

149 100

167 7.7 5.6 8.4

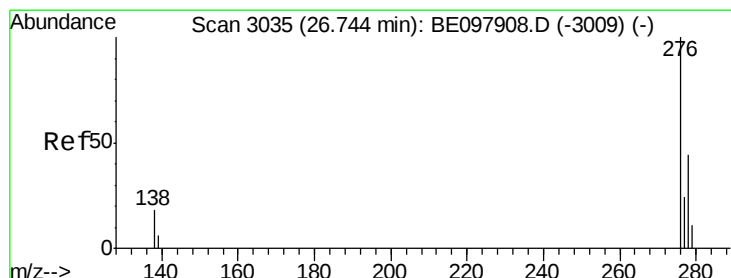
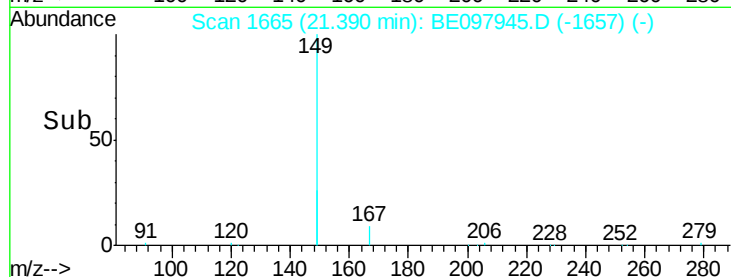
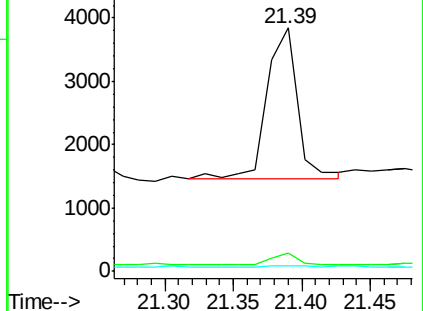
279 1.3 0.9 1.3



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: 26.72 min Scan# 3029

Delta R.T. -0.02 min

Lab File: BE097945.D

Acq: 17 Oct 2018 13:22

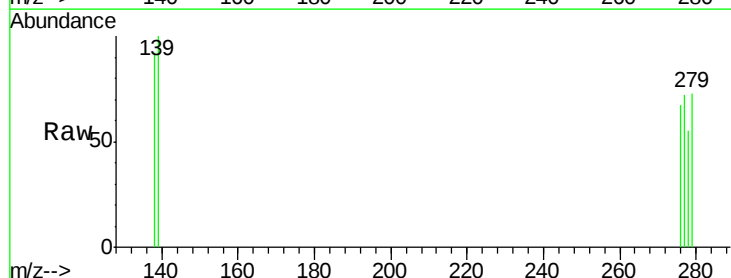
Tgt Ion:276 Resp: 20

Ion Ratio Lower Upper

276 100

138 0.0 17.0 25.6#

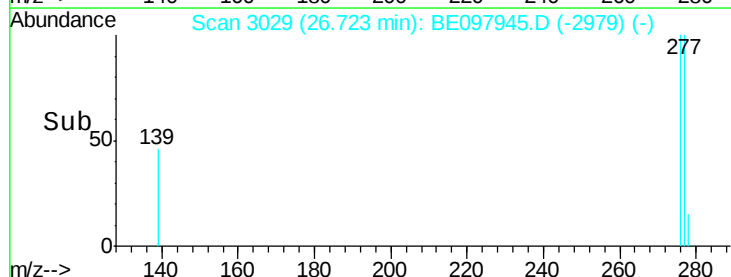
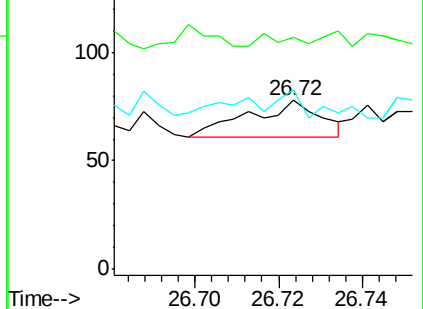
277 35.0 20.5 30.7#

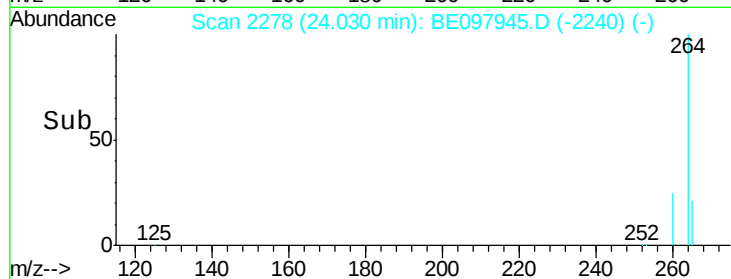
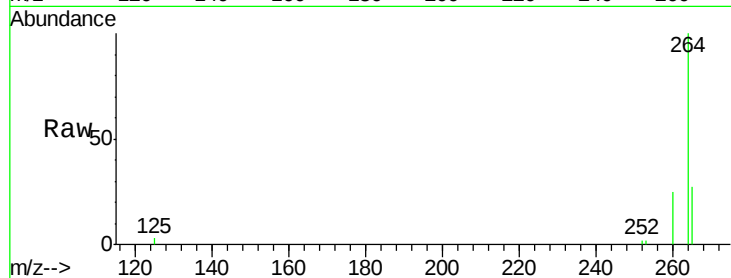
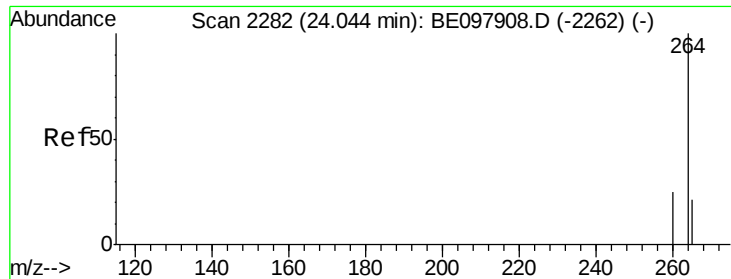


Abundance Ion 276.00 (275.70 to 276.70): E

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# 2278

Delta R.T. -0.01 min

Lab File: BE097945.D

Acq: 17 Oct 2018 13:22

Instrument :

BNA_E

ClientSampleId :

RE-122D2-IMP-20181004DL

Tgt Ion: 264 Resp: 16785

Ion Ratio Lower Upper

264 100

260 25.3 21.1 31.7

265 26.6 29.2 43.8#

