

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101618\
 Data File : BE097916.D
 Acq On : 16 Oct 2018 18:52
 Operator : SJ/JU
 Sample : J5393-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 TT-DUP05-20181008

Quant Time: Oct 17 07:04:02 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

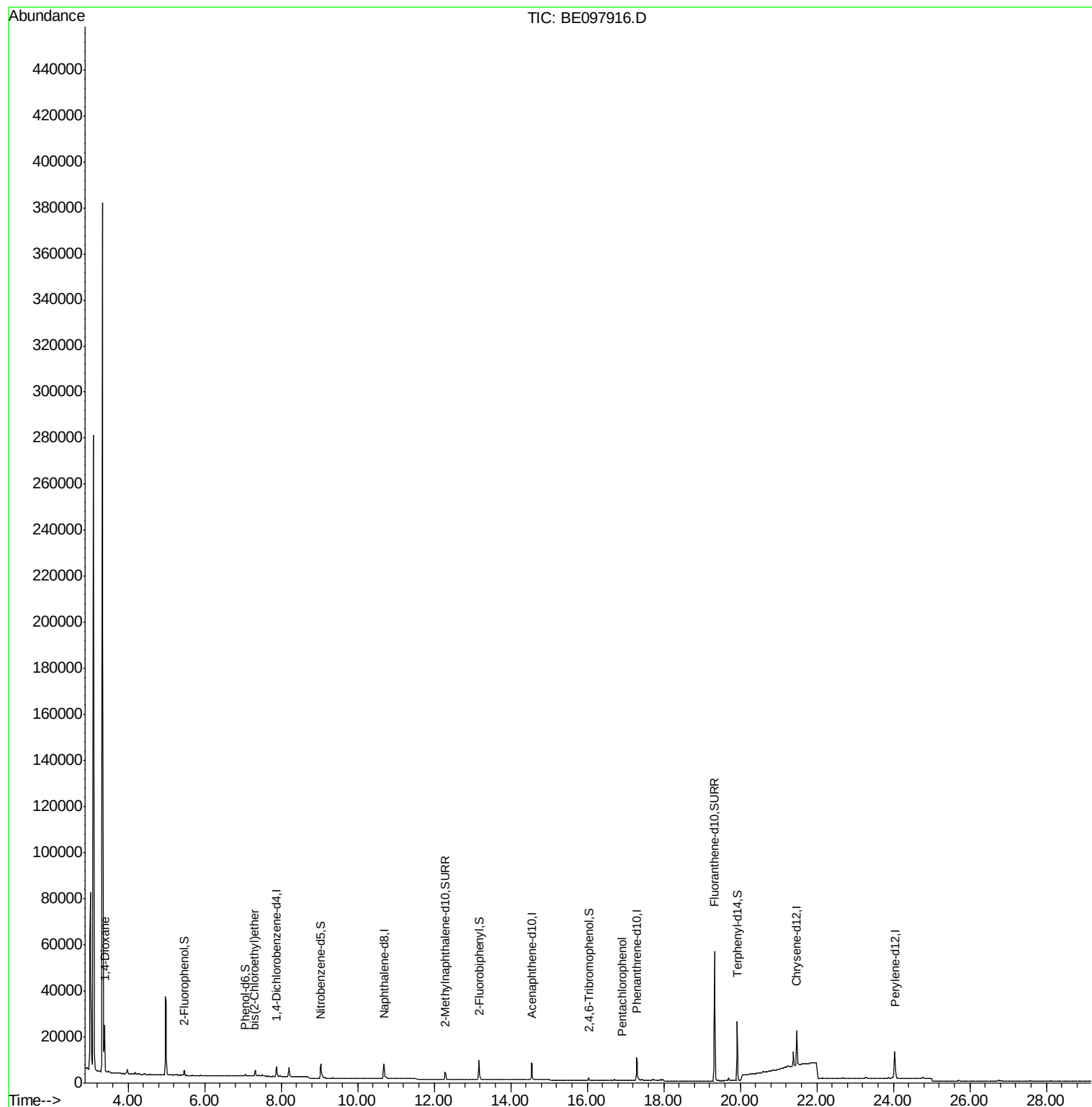
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	2001	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	8276	0.40	ng	0.00
13) Acenaphthene-d10	14.56	164	5404	0.40	ng	0.00
19) Phenanthrene-d10	17.29	188	14447	0.40	ng	-0.01
27) Chrysene-d12	21.48	240	17162	0.40	ng	-0.01
34) Perylene-d12	24.04	264	17598	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	1189	0.19	ng	0.00
5) Phenol-d6	7.06	99	1008	0.11	ng	0.00
8) Nitrobenzene-d5	9.04	82	3133	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.28	152	5407	0.39	ng	-0.01
14) 2,4,6-Tribromophenol	16.04	330	929	0.32	ng	0.00
15) 2-Fluorobiphenyl	13.18	172	8862	0.40	ng	0.00
25) Fluoranthene-d10	19.33	212	75730	0.39	ng	0.00
29) Terphenyl-d14	19.92	244	22594	0.57	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.38	88	10770	3.087	ng	93
6) bis(2-Chloroethyl)ether	7.31	93	192	0.024	ng	# 84
22) Pentachlorophenol	16.91	266	19	0.040	ng	# 65
32) Bis(2-ethylhexyl)phthalate	21.39	149	8207	Below Cal	#	97
33) Indeno(1,2,3-cd)pyrene	26.73	276	265	Below Cal	#	71

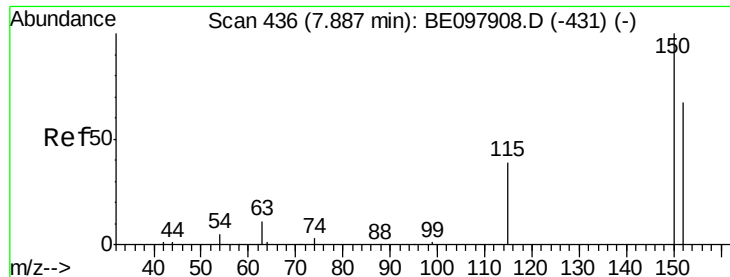
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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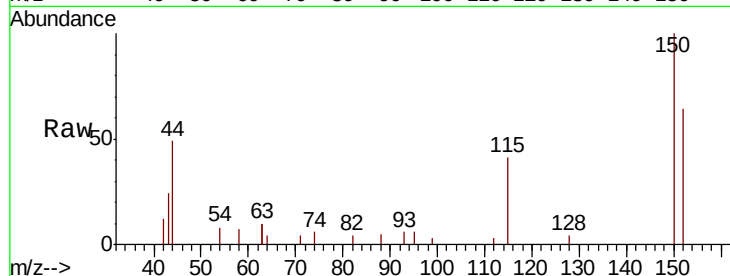


#1

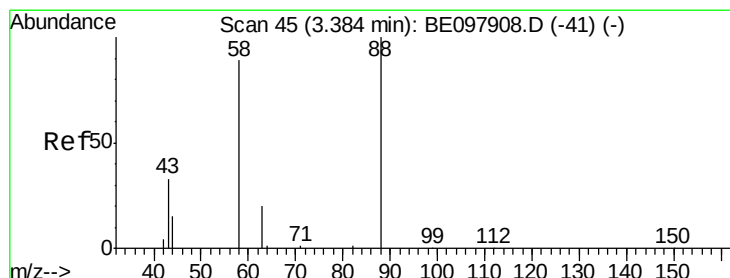
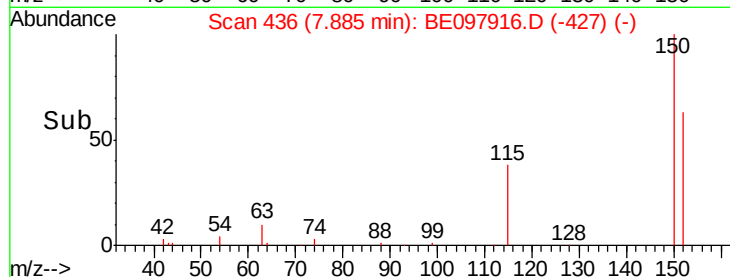
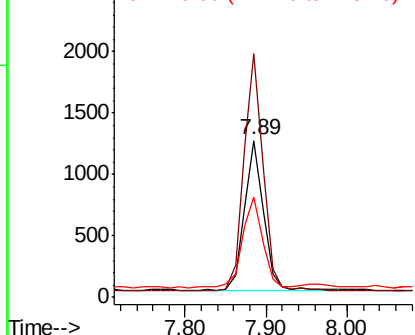
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.89 min Scan# 436
Delta R.T. -0.00 min
Lab File: BE097916.D
Acq: 16 Oct 2018 18:52

Instrument :
BNA_E
ClientSampleId :
TT-DUP05-20181008

Tot Ion:152 Resp: 2001
Ion Ratio Lower Upper
152 100
150 155.2 118.2 177.4
115 63.8 50.9 76.3



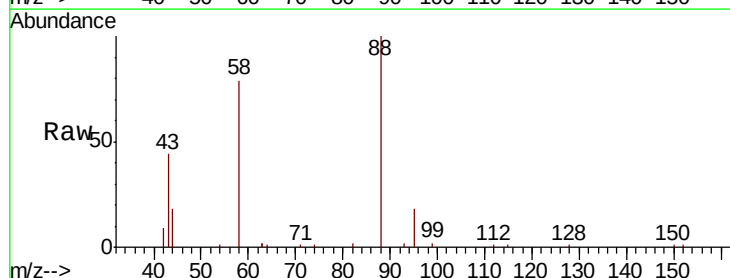
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



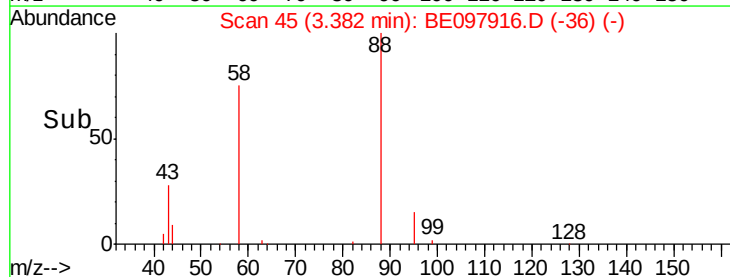
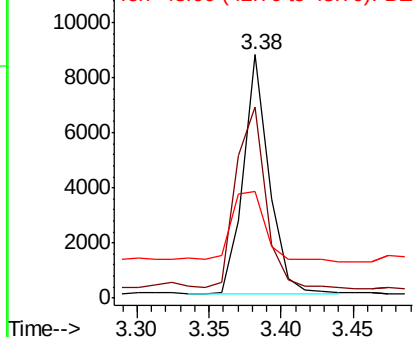
#2

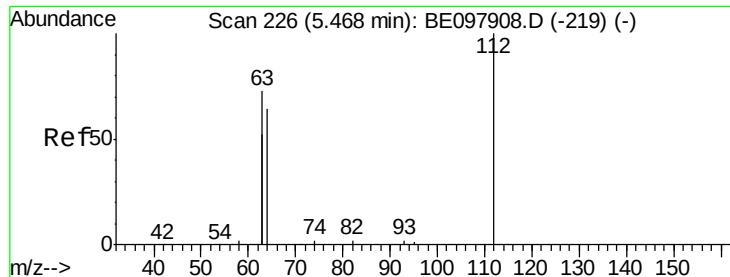
1,4-Dioxane
Concen: 3.087 ng
RT: 3.38 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE097916.D
Acq: 16 Oct 2018 18:52

Tgt Ion: 88 Resp: 10770
Ion Ratio Lower Upper
88 100
58 85.9 73.2 109.8
43 39.2 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: 0.188 ng

RT: 5.47 min Scan# 226

Delta R.T. -0.00 min

Lab File: BE097916.D

Acq: 16 Oct 2018 18:52

Instrument :

BNA_E

ClientSampleId :

TT-DUP05-20181008

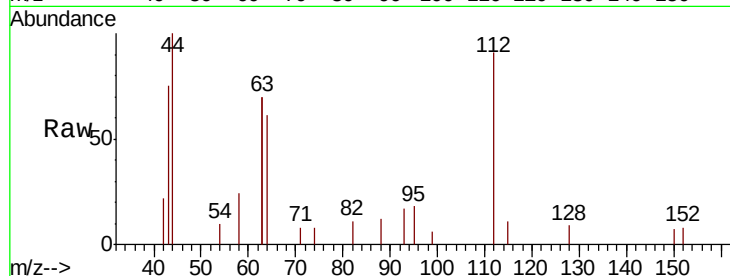
Tot Ion: 112 Resp: 1189

Ion Ratio Lower Upper

112 100

64 71.1 58.9 88.3

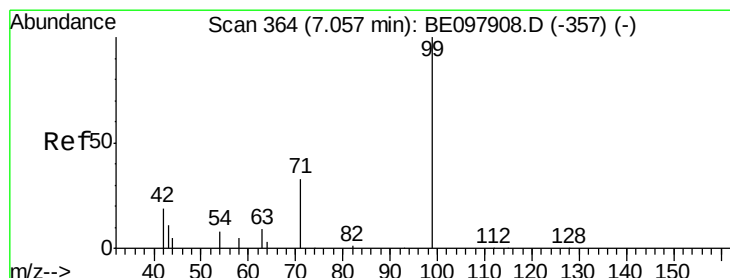
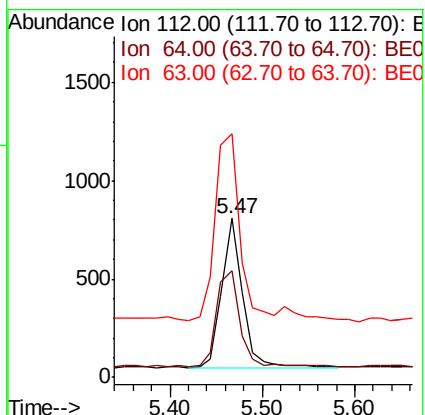
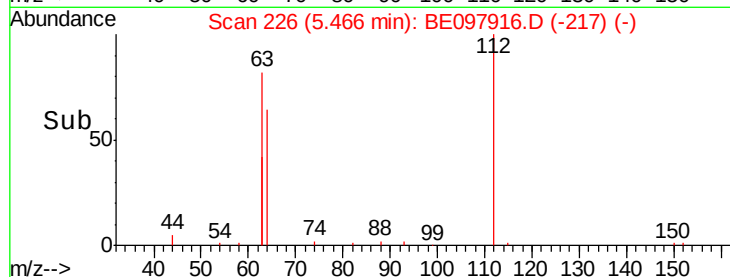
63 146.3 120.3 180.5



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: 0.108 ng

RT: 7.06 min Scan# 364

Delta R.T. -0.00 min

Lab File: BE097916.D

Acq: 16 Oct 2018 18:52

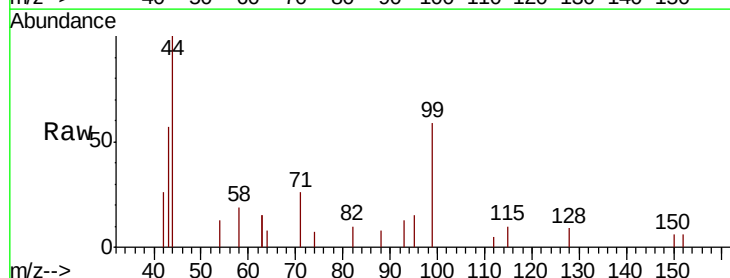
Tgt Ion: 99 Resp: 1008

Ion Ratio Lower Upper

99 100

42 27.5 19.9 29.9

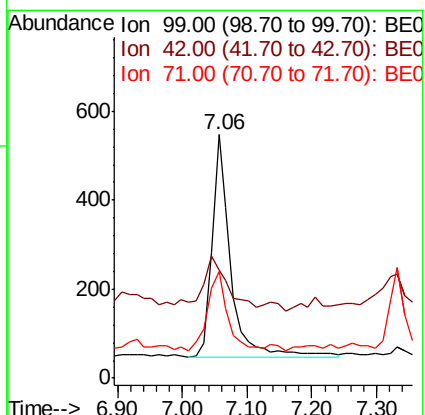
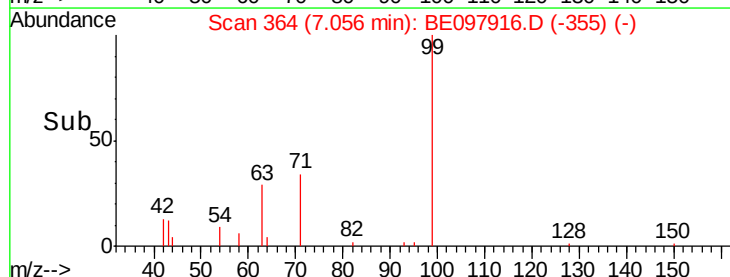
71 37.7 27.8 41.8

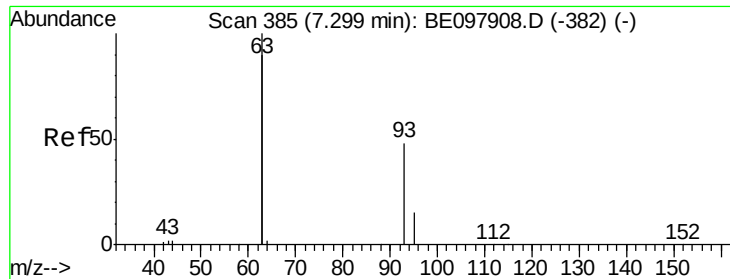


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.024 ng

RT: 7.31 min Scan# 386

Delta R.T. 0.01 min

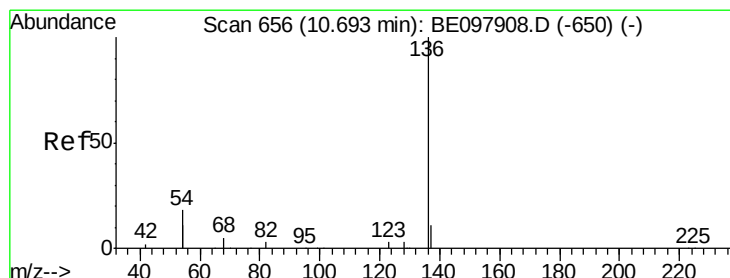
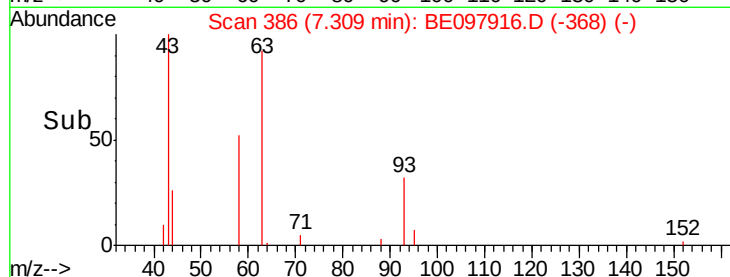
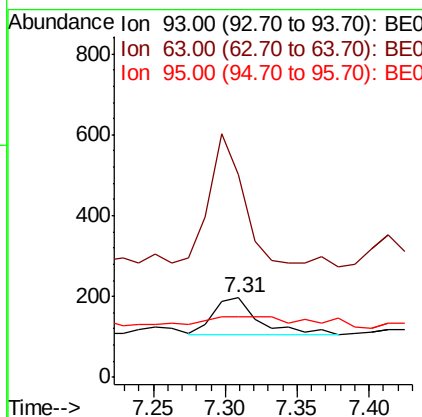
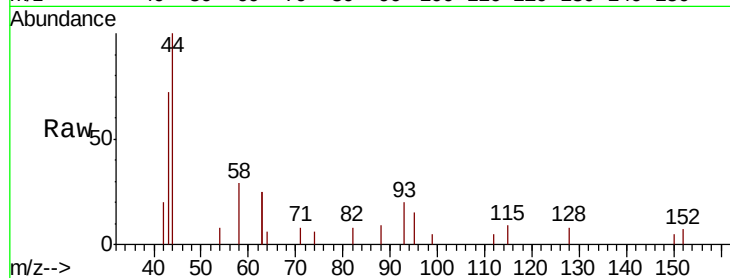
Lab File: BE097916.D

Acq: 16 Oct 2018 18:52

Instrument :
BNA_E
ClientSampleId :
TT-DUP05-20181008

Tot Ion: 93 Resp: 192

Ion	Ratio	Lower	Upper
93	100		
63	300.0	259.0	388.4
95	0.0	27.8	41.8#



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.69 min Scan# 656

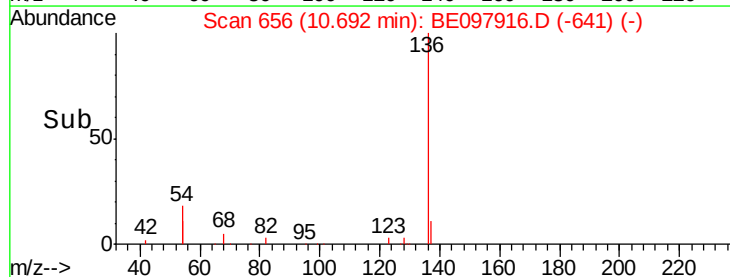
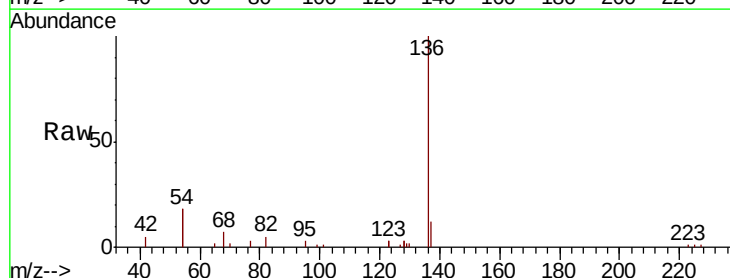
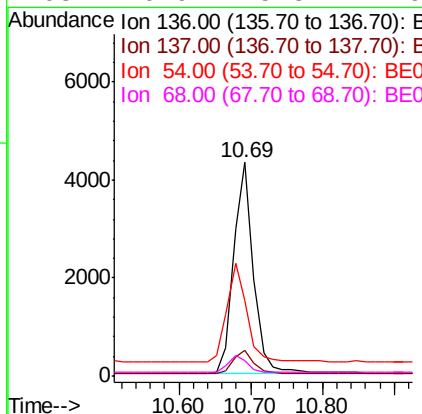
Delta R.T. -0.00 min

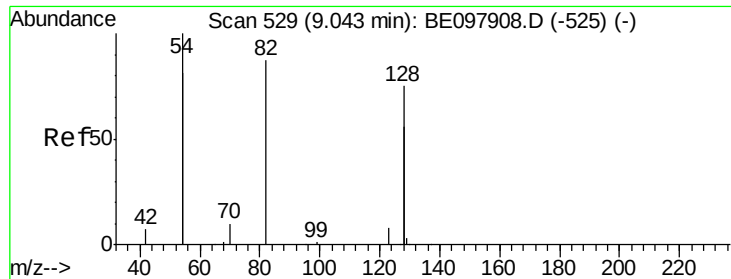
Lab File: BE097916.D

Acq: 16 Oct 2018 18:52

Tgt Ion: 136 Resp: 8276

Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.6	14.4
54	35.6	27.7	41.5
68	6.9	5.3	7.9





#8

Nitrobenzene-d5

Concen: 0.400 ng

RT: 9.04 min Scan# 529

Delta R.T. -0.00 min

Lab File: BE097916.D

Acq: 16 Oct 2018 18:52

Instrument :

BNA_E

ClientSampleId :

TT-DUP05-20181008

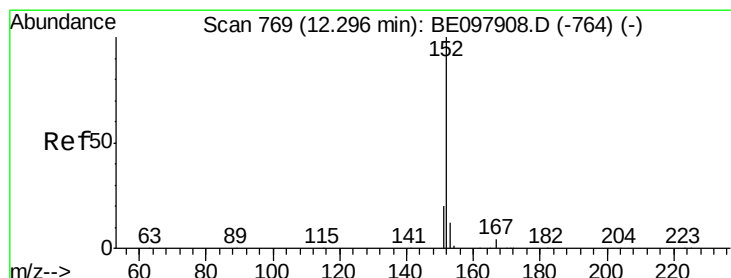
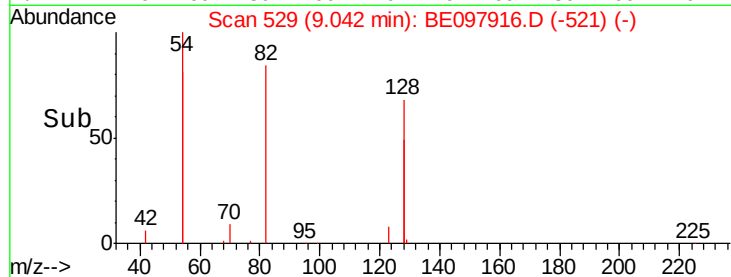
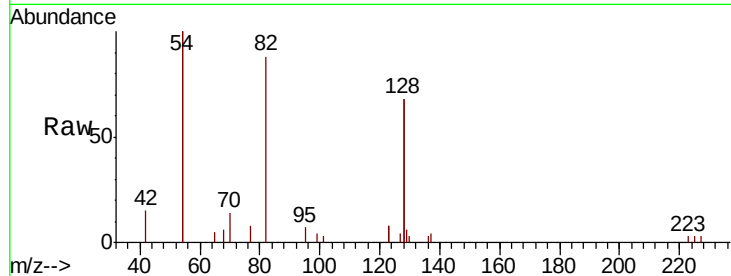
Tot Ion: 82 Resp: 3133

Ion Ratio Lower Upper

82 100

128 153.6 129.9 194.9

54 226.7 174.0 261.0



#11

2-Methylnaphthalene-d10

Concen: 0.393 ng

RT: 12.28 min Scan# 768

Delta R.T. -0.01 min

Lab File: BE097916.D

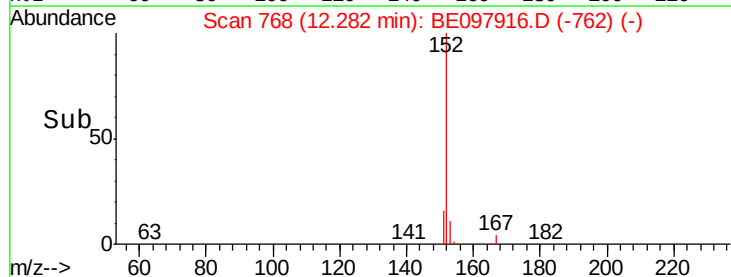
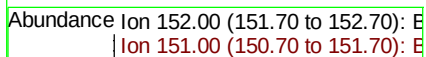
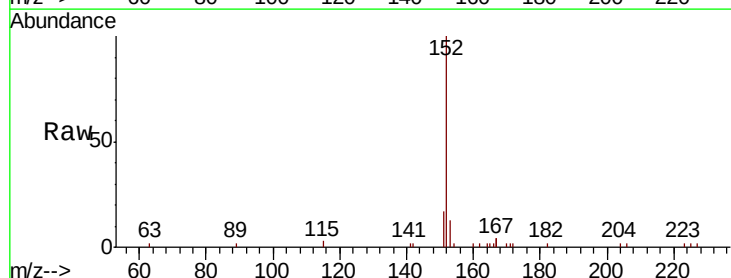
Acq: 16 Oct 2018 18:52

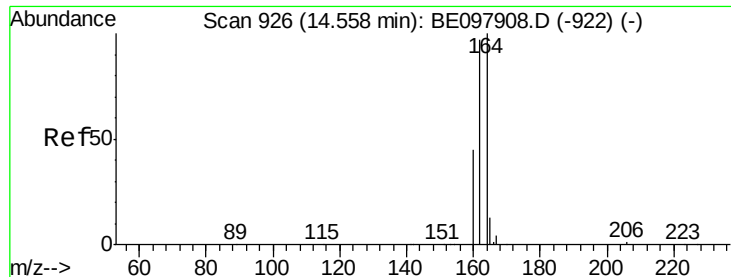
Tgt Ion: 152 Resp: 5407

Ion Ratio Lower Upper

152 100

151 18.7 16.2 24.4

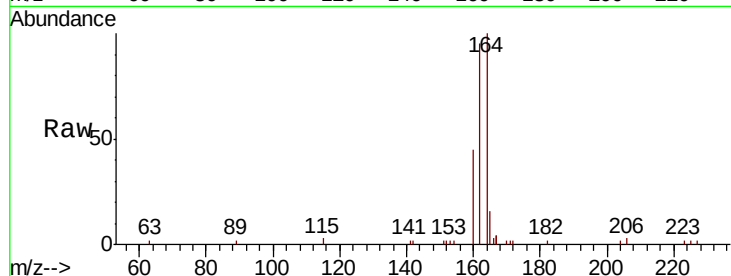




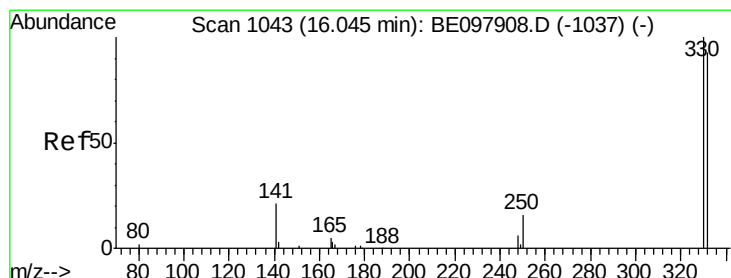
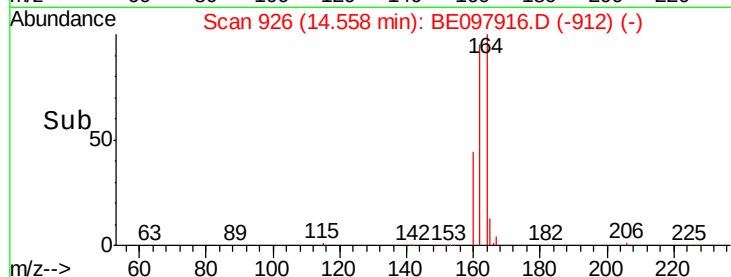
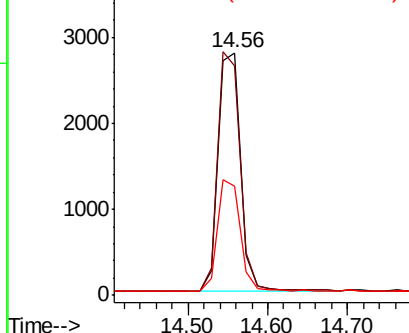
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.56 min Scan# 926
 Delta R.T. 0.00 min
 Lab File: BE097916.D
 Acq: 16 Oct 2018 18:52

Instrument :
 BNA_E
 ClientSampleId :
 TT-DUP05-20181008

Tot Ion:164 Resp: 5404
 Ion Ratio Lower Upper
 164 100
 162 94.8 77.4 116.2
 160 44.9 36.5 54.7

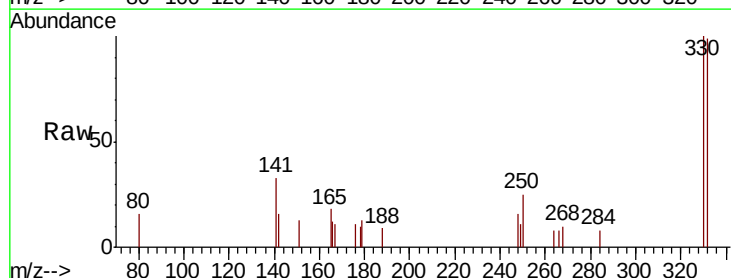


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

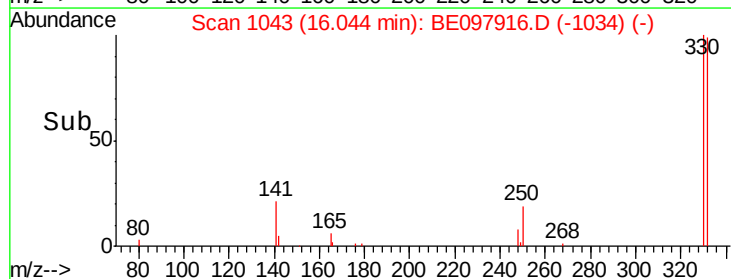
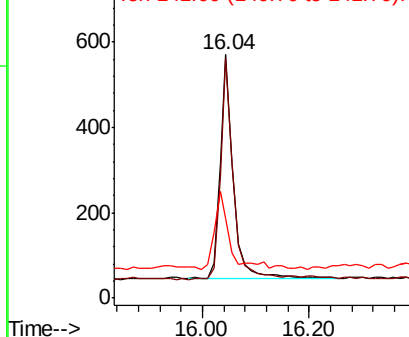


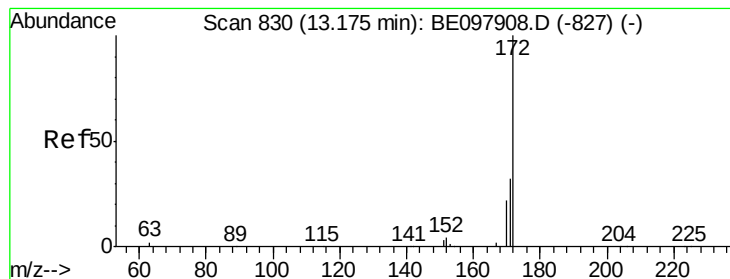
#14
 2,4,6-Tribromophenol
 Concen: 0.320 ng
 RT: 16.04 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BE097916.D
 Acq: 16 Oct 2018 18:52

Tgt Ion:330 Resp: 929
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.5 114.7
 141 34.6 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: 0.401 ng

RT: 13.18 min Scan# 830

Delta R.T. 0.00 min

Lab File: BE097916.D

Acq: 16 Oct 2018 18:52

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BNA_E

ClientSampleId :

TT-DUP05-20181008

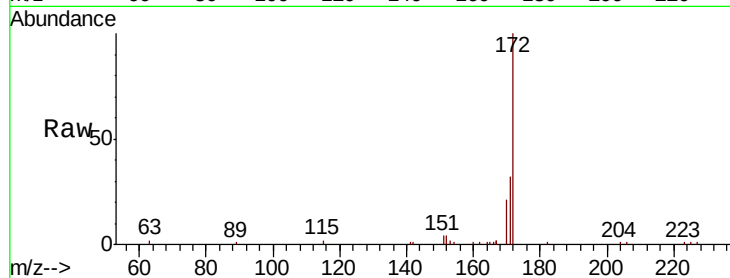
Tot Ion:172 Resp: 8862

Ion Ratio Lower Upper

172 100

171 32.3 26.0 39.0

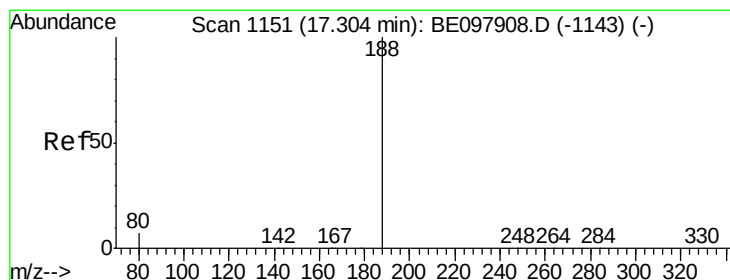
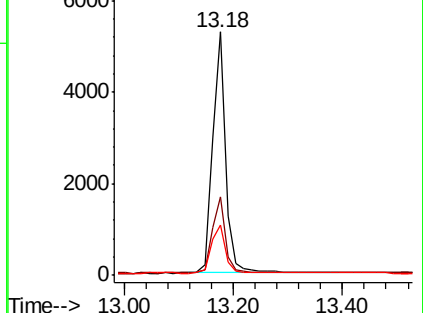
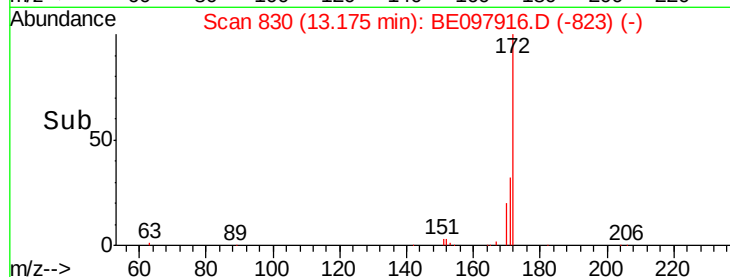
170 20.7 18.0 27.0



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: BE097916.D

Acq: 16 Oct 2018 18:52

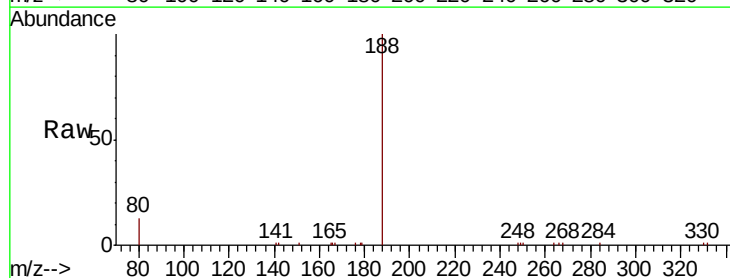
Tgt Ion:188 Resp: 14447

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

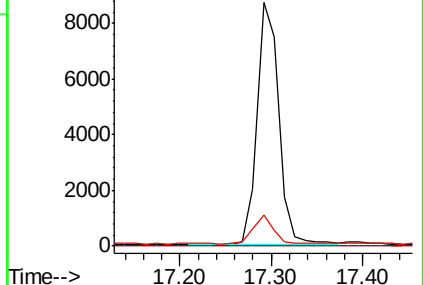
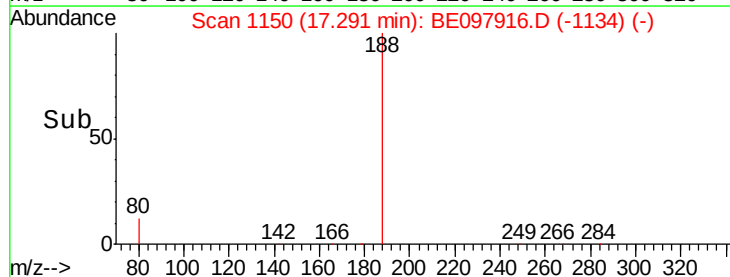
80 12.7 6.3 9.5#

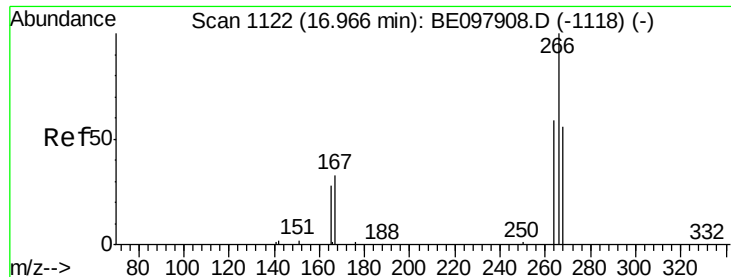


Abundance Ion 188.00 (187.70 to 188.70): E

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: 16.91 min Scan# 1117

Delta R.T. -0.06 min

Lab File: BE097916.D

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Instrument :

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TT-DUP05-20181008

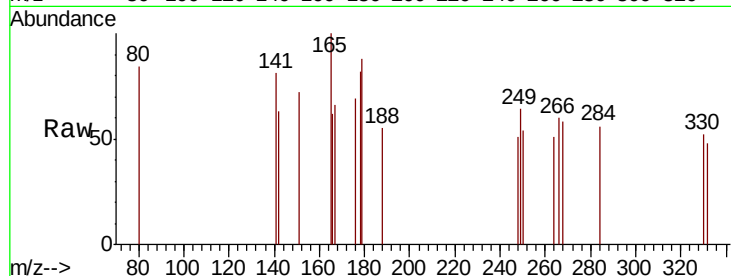
Tot Ion:266 Resp: 19

Ion Ratio Lower Upper

266 100

264 84.2 51.3 76.9#

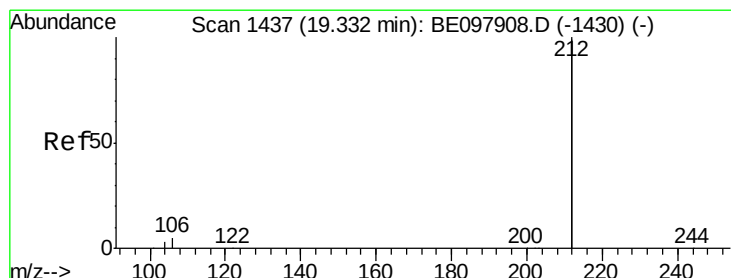
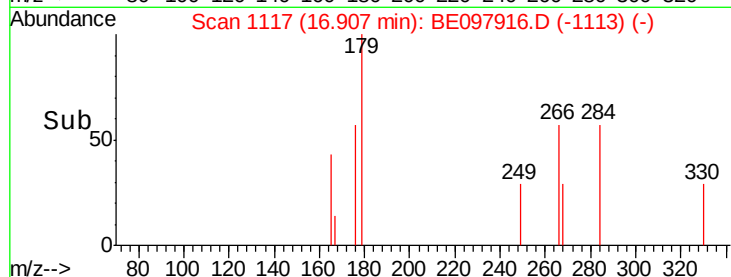
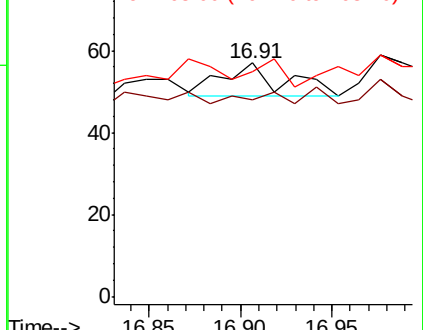
268 96.5 50.1 75.1#



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: 0.387 ng

RT: 19.33 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BE097916.D

Acq: 16 Oct 2018 18:52

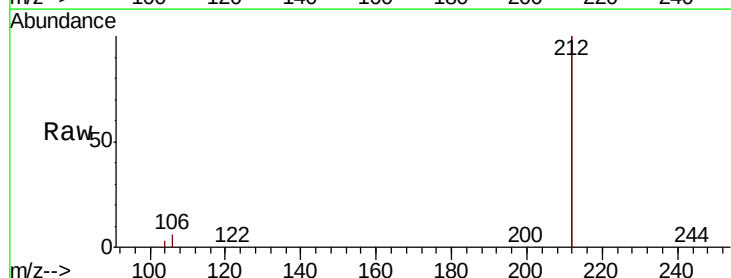
Tgt Ion:212 Resp: 75730

Ion Ratio Lower Upper

212 100

106 2.8 2.3 3.5

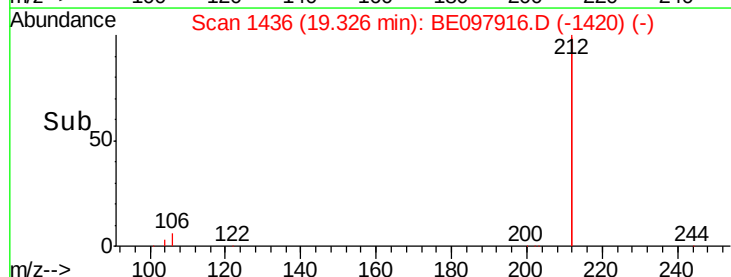
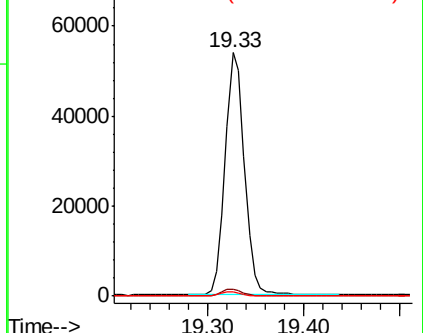
104 1.6 1.3 1.9

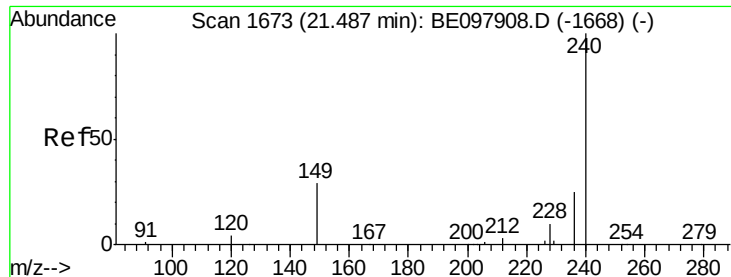


Abundance Ion 212.00 (211.70 to 212.70): E

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: BE097916.D

Acq: 16 Oct 2018 18:52

Instrument :

BNA_E

ClientSampleId :

TT-DUP05-20181008

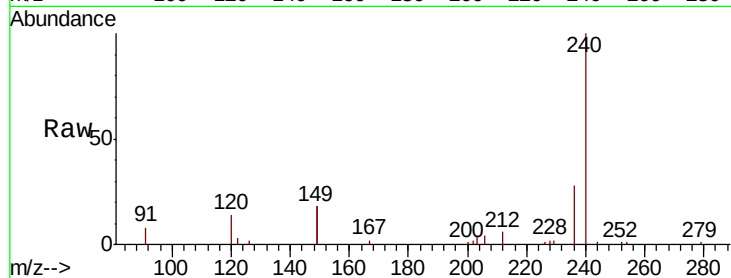
Tot Ion:240 Resp: 17162

Ion Ratio Lower Upper

240 100

120 14.0 7.1 10.7#

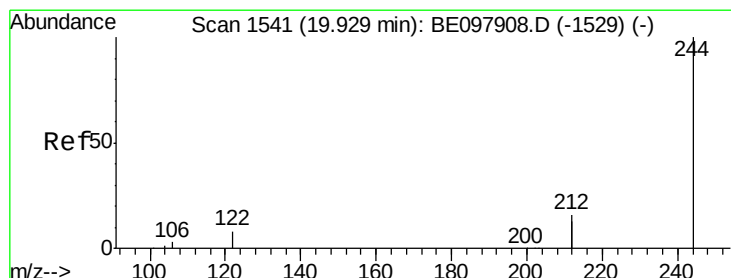
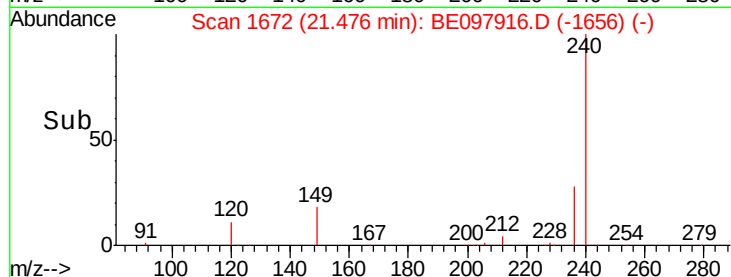
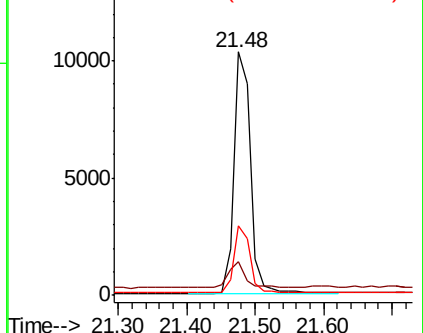
236 28.5 21.3 31.9



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: 0.574 ng

RT: 19.92 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BE097916.D

Acq: 16 Oct 2018 18:52

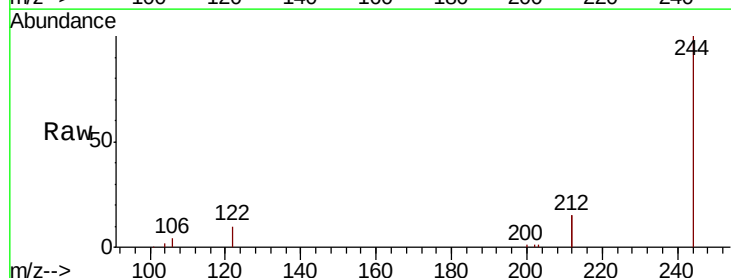
Tgt Ion:244 Resp: 22594

Ion Ratio Lower Upper

244 100

212 30.5 26.2 39.2

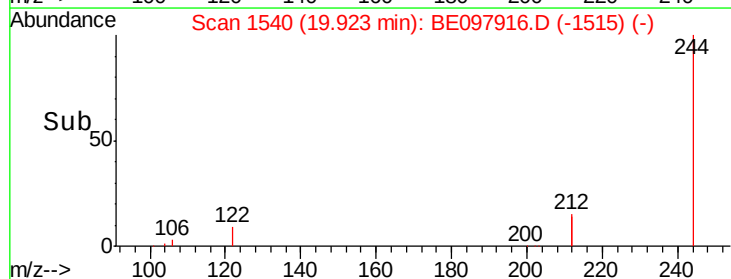
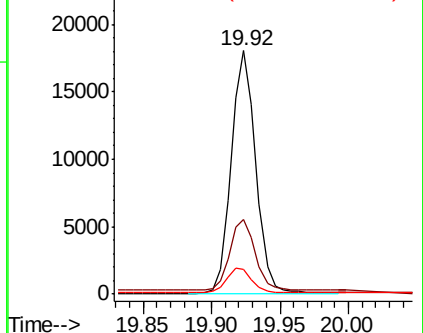
122 10.0 7.7 11.5

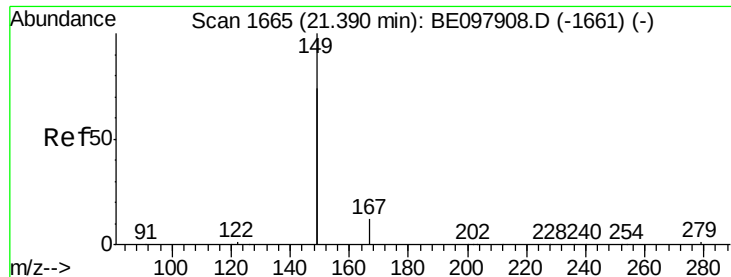


Abundance Ion 244.00 (243.70 to 244.70): E

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: BE097916.D

Acq: 16 Oct 2018 18:52

Instrument :

BNA_E

ClientSampleId :

TT-DUP05-20181008

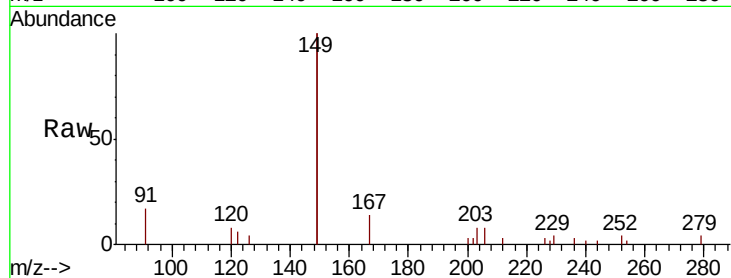
Tot Ion:149 Resp: 8207

Ion Ratio Lower Upper

149 100

167 6.1 5.6 8.4

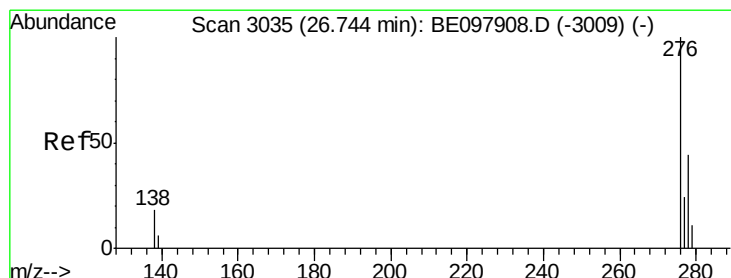
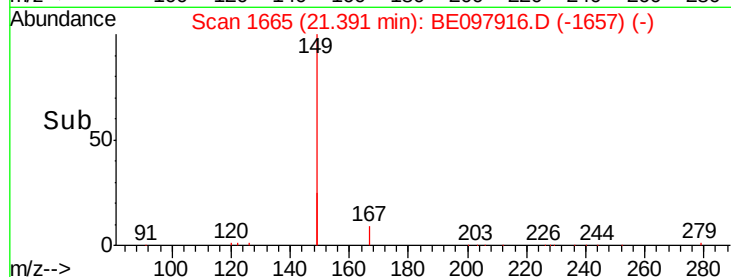
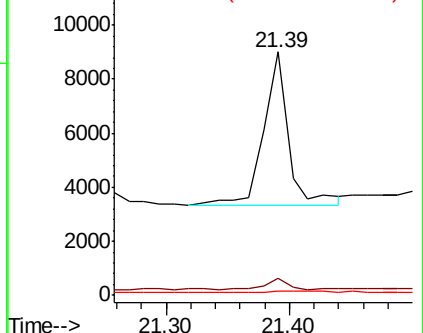
279 1.6 0.9 1.3#



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: 26.73 min Scan# 3032

Delta R.T. -0.01 min

Lab File: BE097916.D

Acq: 16 Oct 2018 18:52

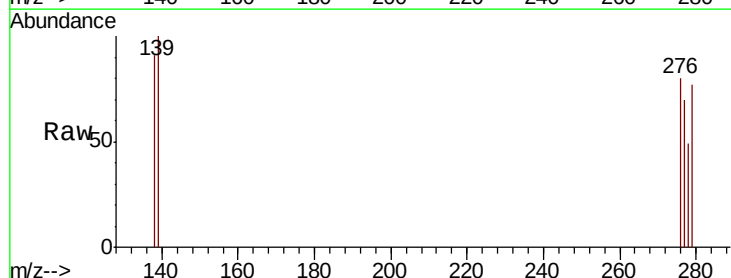
Tgt Ion:276 Resp: 265

Ion Ratio Lower Upper

276 100

138 1.5 17.0 25.6#

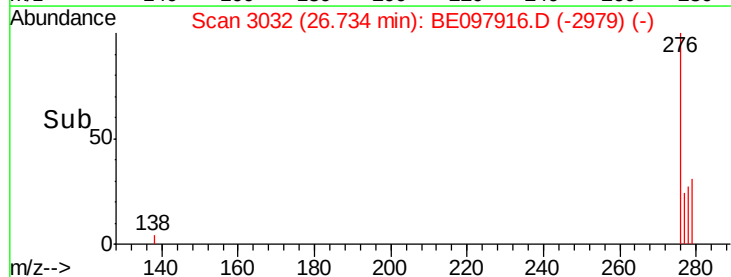
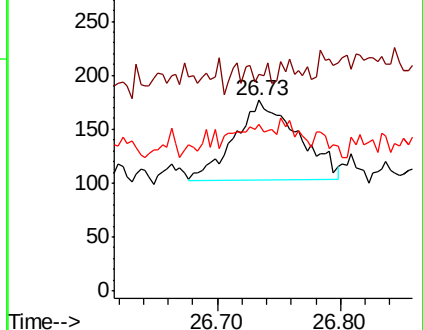
277 16.2 20.5 30.7#

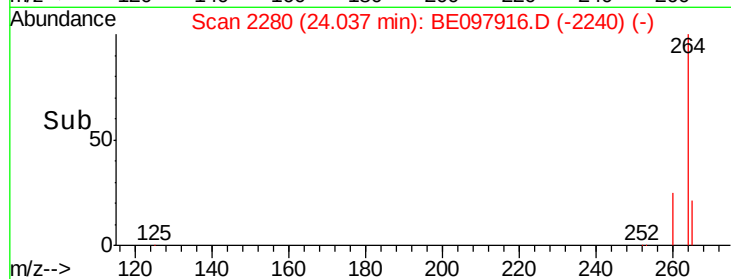
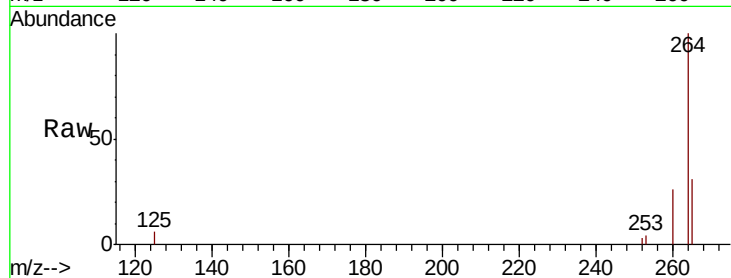
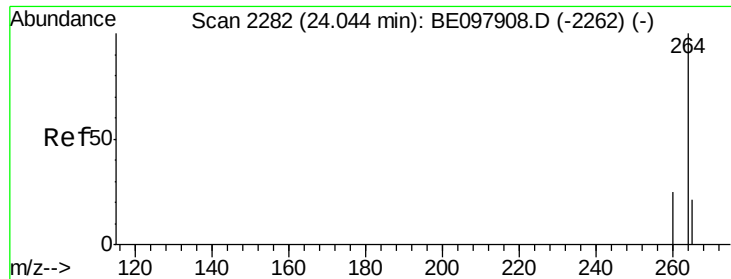


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 24.04 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BE097916.D
 Acq: 16 Oct 2018 18:52

Instrument :
 BNA_E
 ClientSampleId :
 TT-DUP05-20181008

Tot Ion:264 Resp: 17598
 Ion Ratio Lower Upper
 264 100
 260 25.6 21.1 31.7
 265 31.0 29.2 43.8

