

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101818\
 Data File : BE097981.D
 Acq On : 18 Oct 2018 17:24
 Operator : SJ/JU
 Sample : J5364-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 19 01:08:42 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

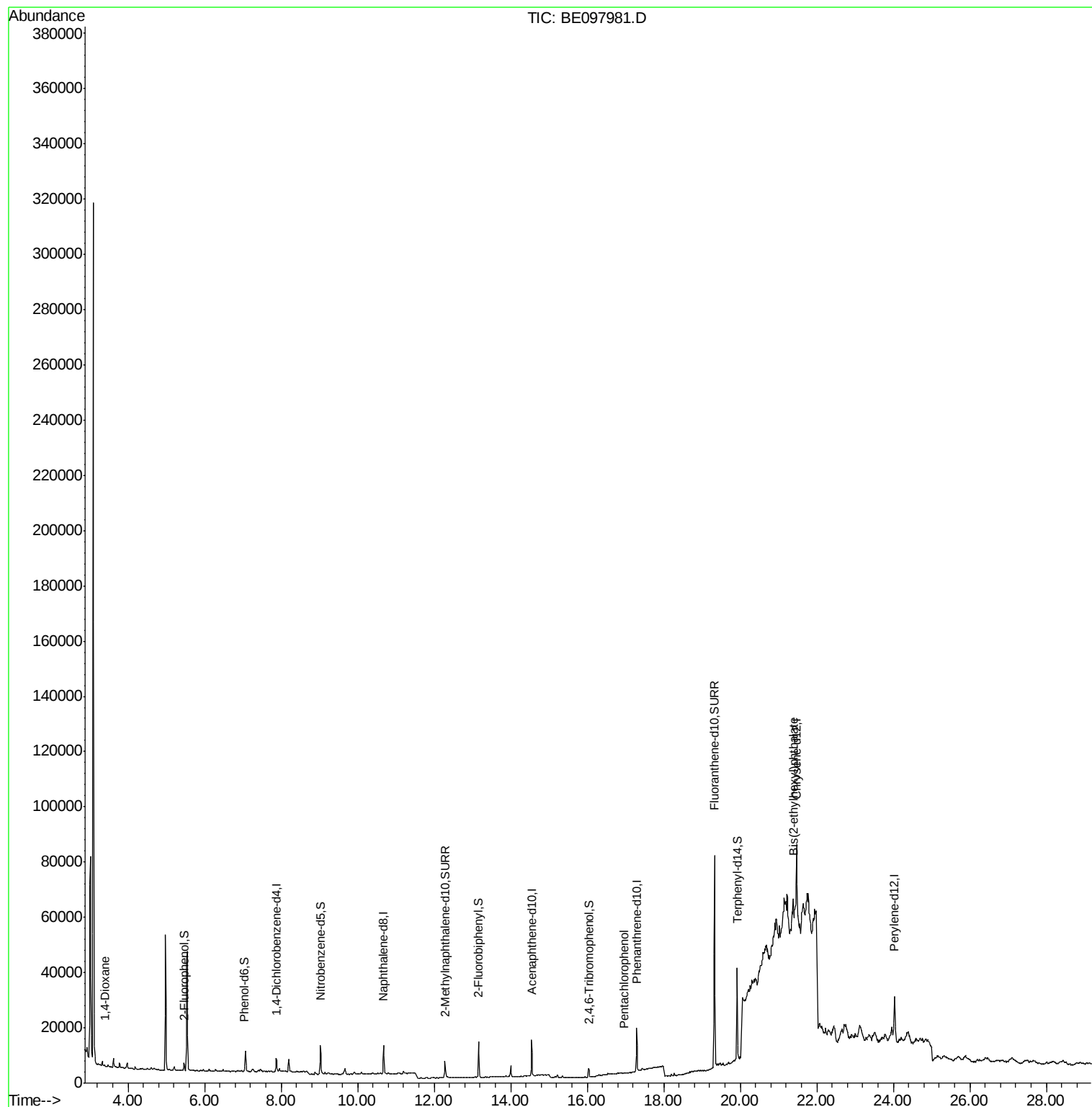
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	2288	0.40	ng	0.00
7) Naphthalene-d8	10.68	136	10920	0.40	ng	-0.01
13) Acenaphthene-d10	14.54	164	8399	0.40	ng	-0.01
19) Phenanthrene-d10	17.29	188	20825	0.40	ng	-0.01
27) Chrysene-d12	21.48	240	22481	0.40	ng	-0.01
34) Perylene-d12	24.03	264	22393	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	1367	0.19	ng	0.00
5) Phenol-d6	7.04	99	1256	0.12	ng	-0.01
8) Nitrobenzene-d5	9.03	82	4061	0.39	ng	-0.01
11) 2-Methylnaphthalene-d10	12.28	152	7536	0.41	ng	-0.01
14) 2,4,6-Tribromophenol	16.03	330	1926	0.43	ng	-0.01
15) 2-Fluorobiphenyl	13.16	172	12305	0.36	ng	-0.01
25) Fluoranthene-d10	19.33	212	100282	0.36	ng	0.00
29) Terphenyl-d14	19.92	244	27762	0.54	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.38	88	317	0.079	ng	# 1
22) Pentachlorophenol	16.95	266	52	0.049	ng	# 67
32) Bis(2-ethylhexyl)phthalate	21.39	149	20421	0.021	ng	# 84
33) Indeno(1,2,3-cd)pyrene	26.73	276	11	Below Cal		# 1

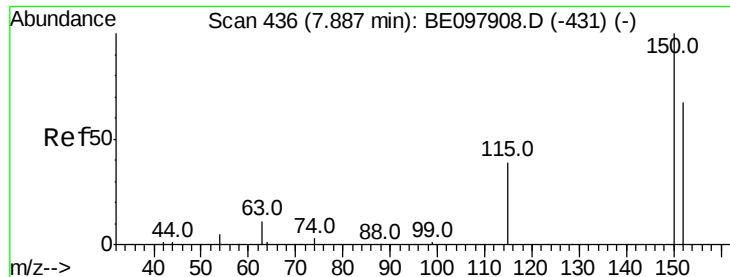
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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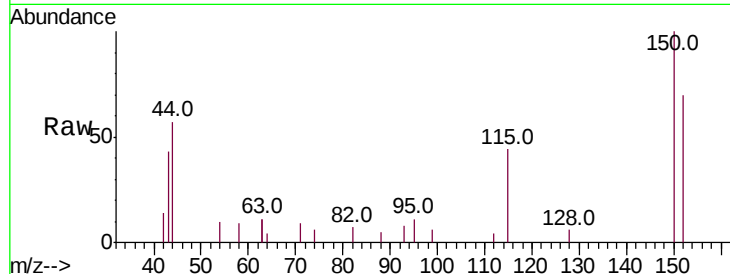


#1

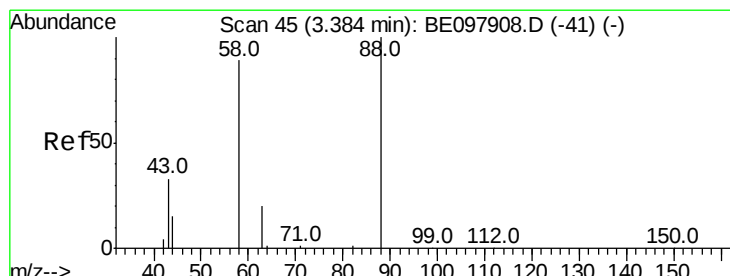
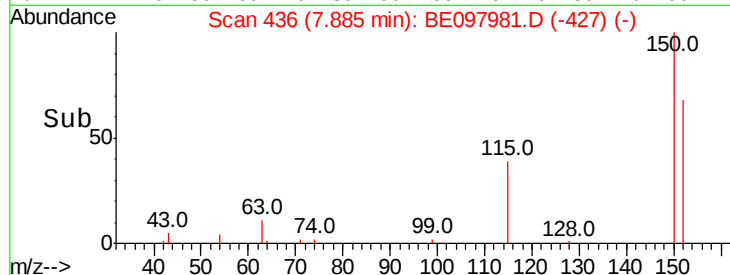
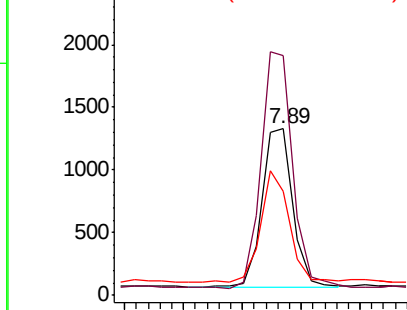
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.89 min Scan# 436
 Delta R.T. -0.00 min
 Lab File: BE097981.D
 Acq: 18 Oct 2018 17:24

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:152 Resp: 2288
 Ion Ratio Lower Upper
 152 100
 150 143.5 118.2 177.4
 115 62.5 50.9 76.3



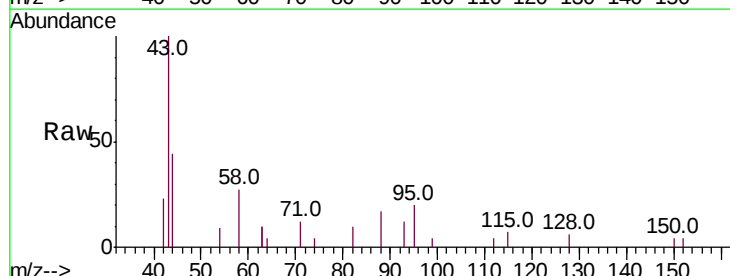
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



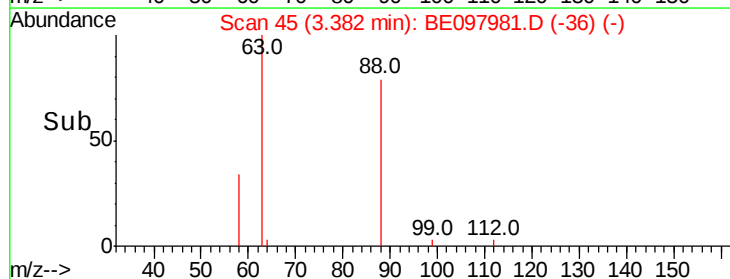
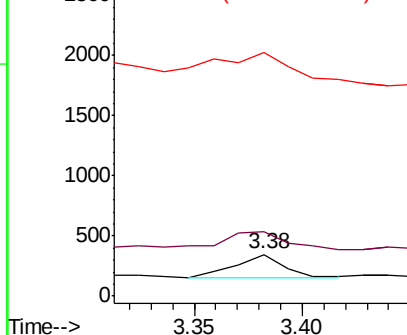
#2

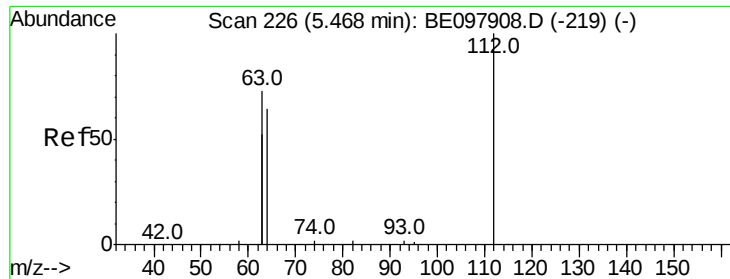
1,4-Dioxane
 Concen: 0.079 ng
 RT: 3.38 min Scan# 45
 Delta R.T. -0.00 min
 Lab File: BE097981.D
 Acq: 18 Oct 2018 17:24

Tgt Ion: 88 Resp: 317
 Ion Ratio Lower Upper
 88 100
 58 91.5 73.2 109.8
 43 253.3 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: 0.189 ng

RT: 5.47 min Scan# 226

Delta R.T. -0.00 min

Lab File: BE097981.D

Acq: 18 Oct 2018 17:24

Instrument :

BNA_E

ClientSampleId :

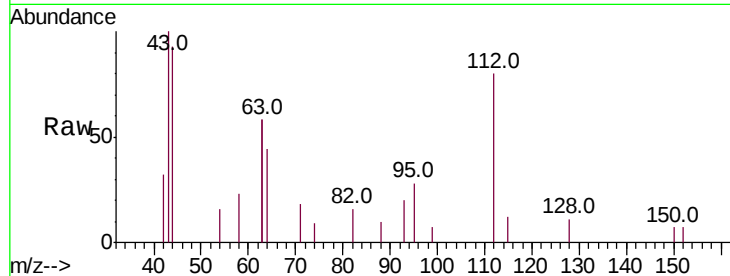
Tot Ion: 112 Resp: 1367

Ion Ratio Lower Upper

112 100

64 68.8 58.9 88.3

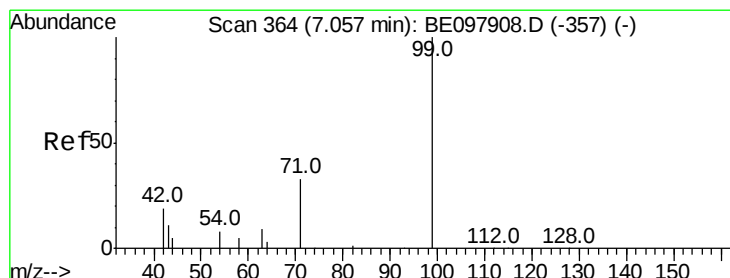
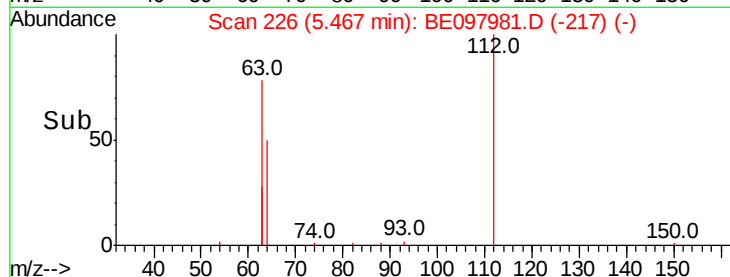
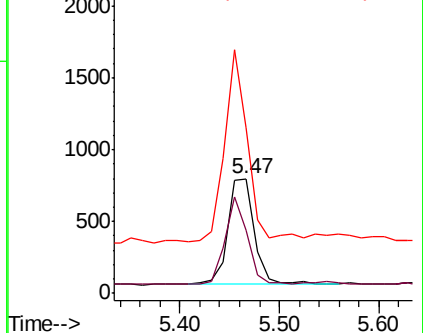
63 148.9 120.3 180.5



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: 0.118 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.01 min

Lab File: BE097981.D

Acq: 18 Oct 2018 17:24

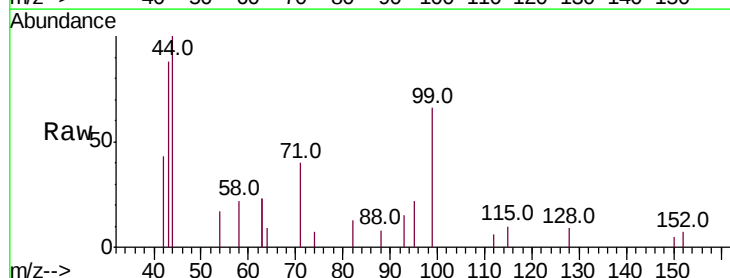
Tgt Ion: 99 Resp: 1256

Ion Ratio Lower Upper

99 100

42 0.0 19.9 29.9#

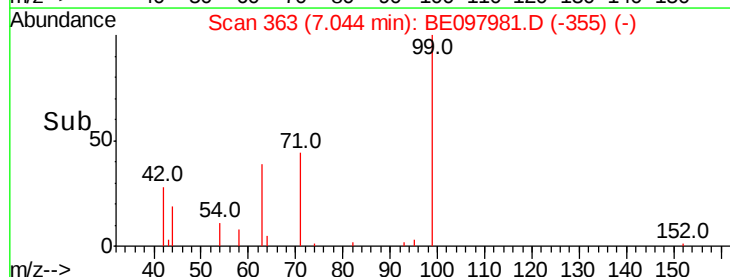
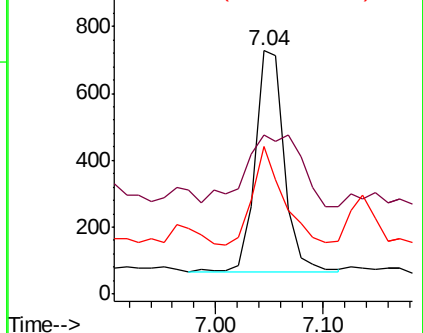
71 46.3 27.8 41.8#

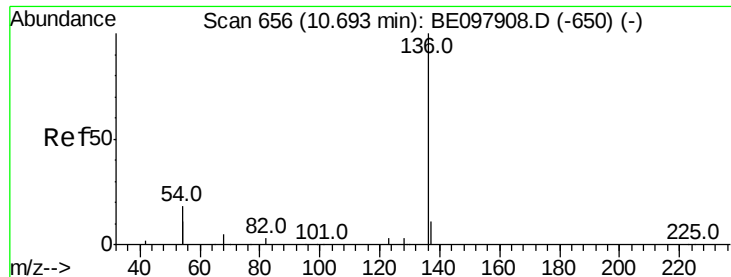


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.68 min Scan# 655

Delta R.T. -0.01 min

Lab File: BE097981.D

Acq: 18 Oct 2018 17:24

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 10920

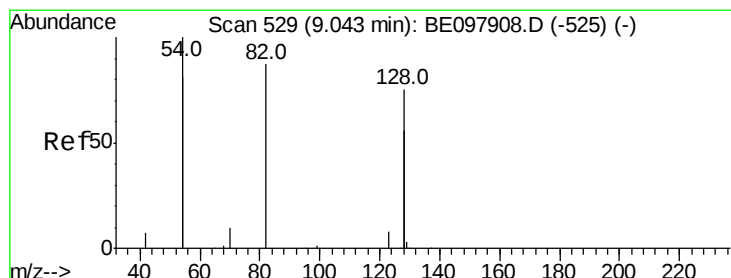
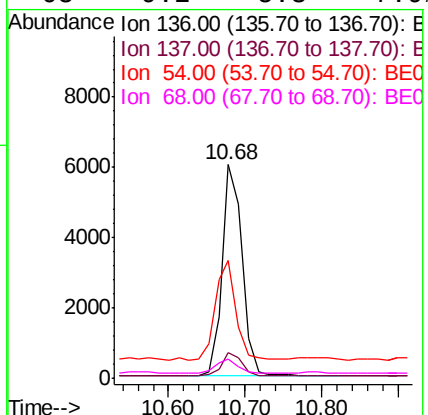
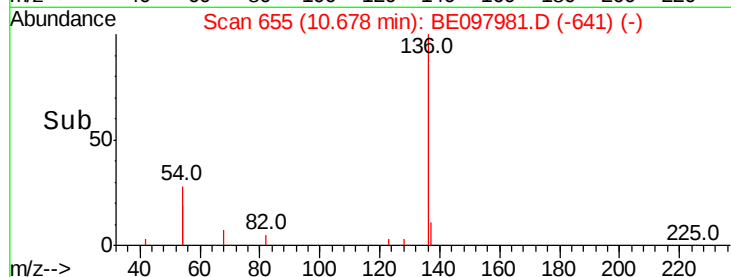
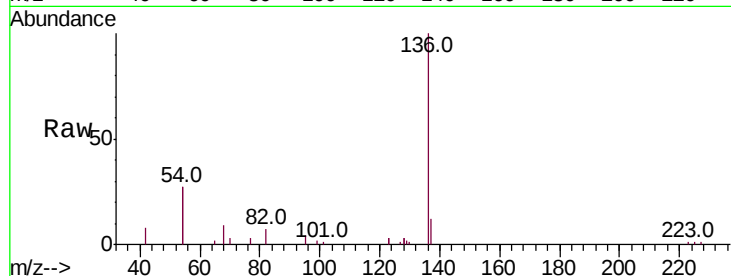
Ion Ratio Lower Upper

136 100

137 11.9 9.6 14.4

54 54.9 27.7 41.5#

68 9.2 5.3 7.9#



#8

Nitrobenzene-d5

Concen: 0.393 ng

RT: 9.03 min Scan# 528

Delta R.T. -0.01 min

Lab File: BE097981.D

Acq: 18 Oct 2018 17:24

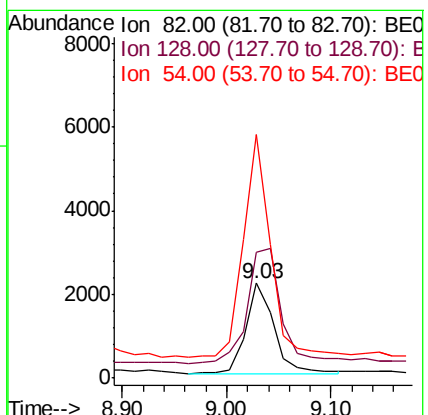
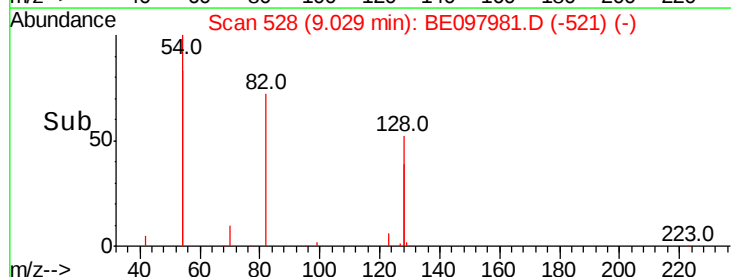
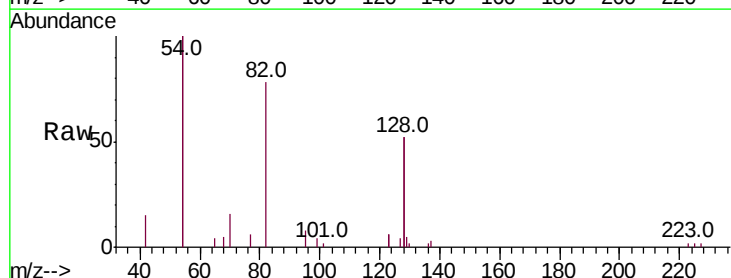
Tgt Ion: 82 Resp: 4061

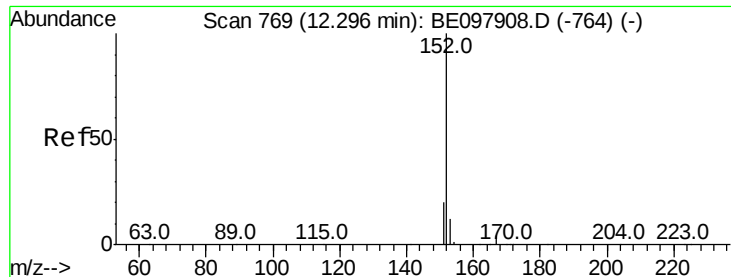
Ion Ratio Lower Upper

82 100

128 132.9 129.9 194.9

54 257.0 174.0 261.0

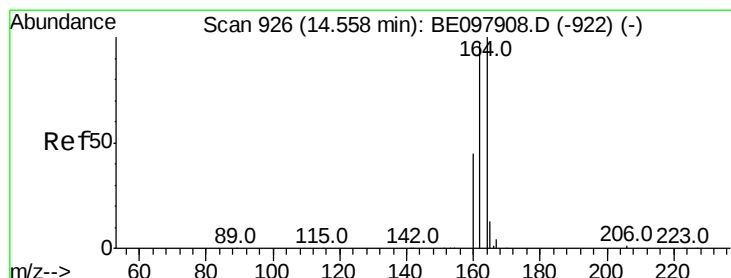
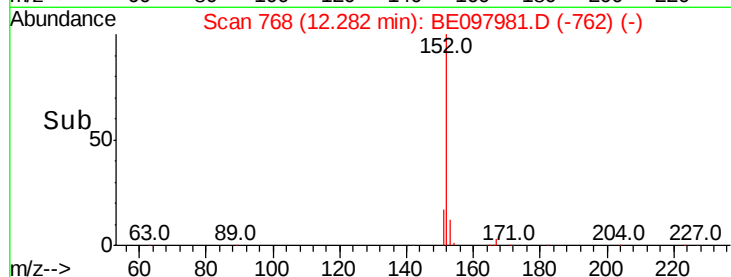
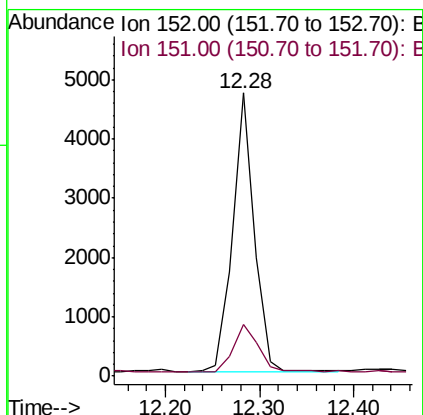
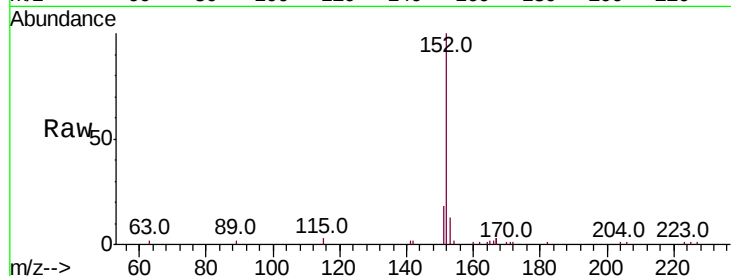




#11
2-Methylnaphthalene-d10
Concen: 0.415 ng
RT: 12.28 min Scan# 768
Delta R.T. -0.01 min
Lab File: BE097981.D
Acq: 18 Oct 2018 17:24

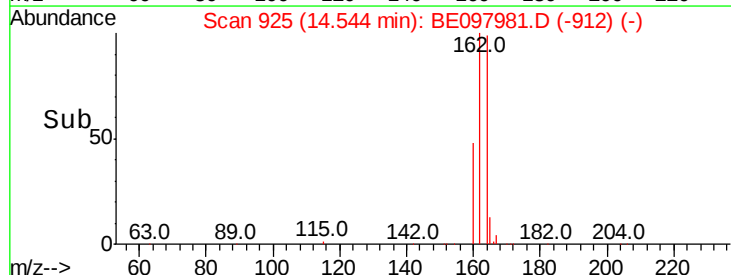
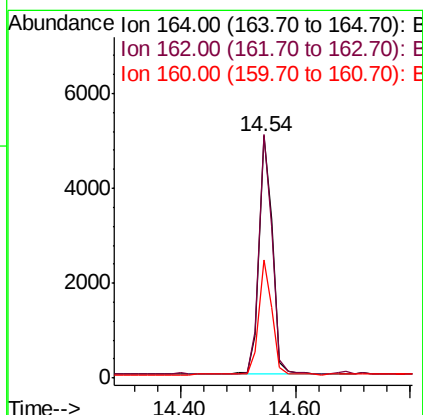
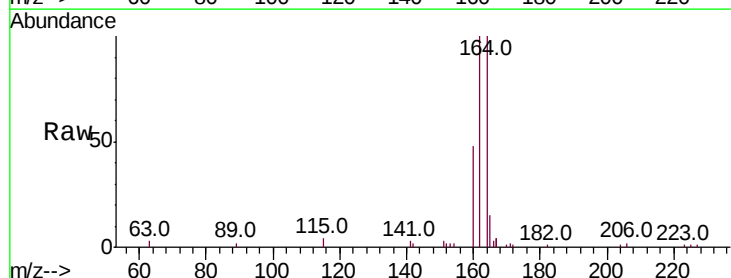
Instrument :
BNA_E
ClientSampled :

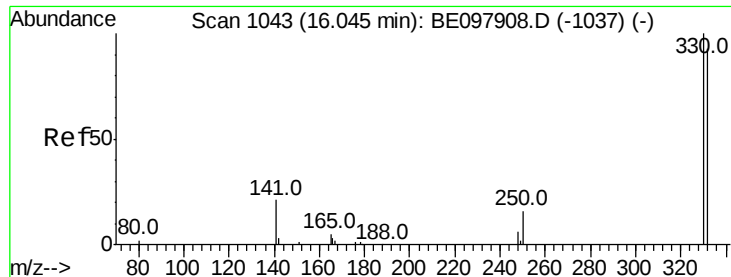
Tot Ion:152 Resp: 7536
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.4



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.01 min
Lab File: BE097981.D
Acq: 18 Oct 2018 17:24

Tgt Ion:164 Resp: 8399
Ion Ratio Lower Upper
164 100
162 100.5 77.4 116.2
160 48.5 36.5 54.7

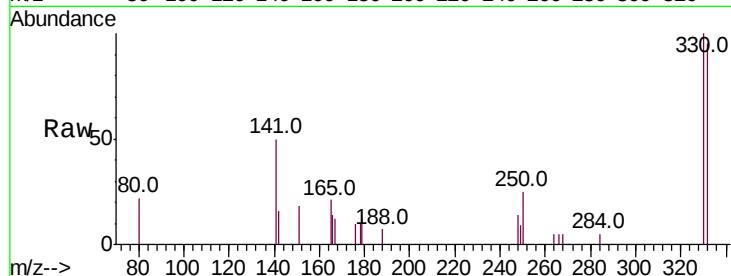




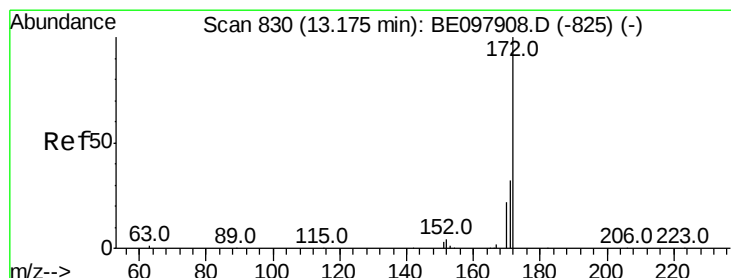
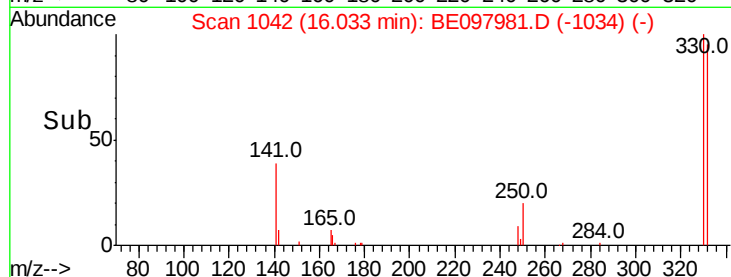
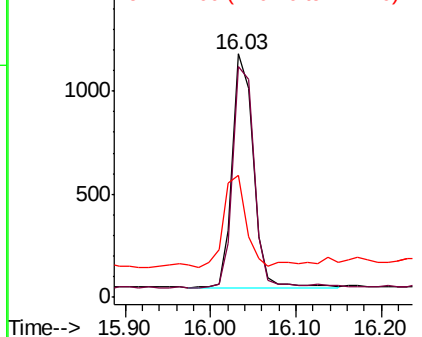
#14
 2,4,6-Tribromophenol
 Concen: 0.426 ng
 RT: 16.03 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BE097981.D
 Acq: 18 Oct 2018 17:24

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:330 Resp: 1926
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.5 114.7
 141 42.6 31.8 47.6

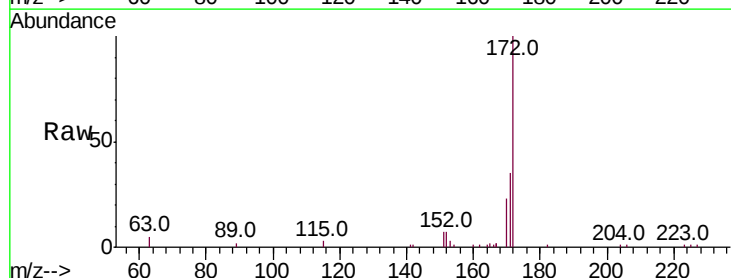


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

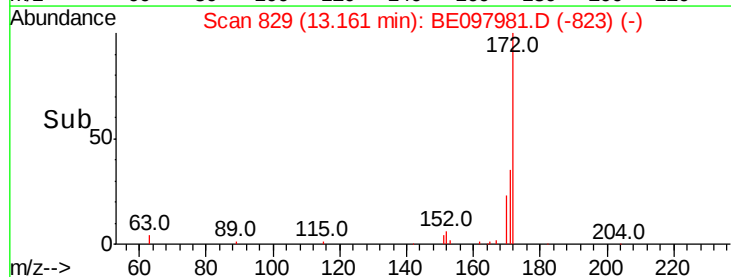
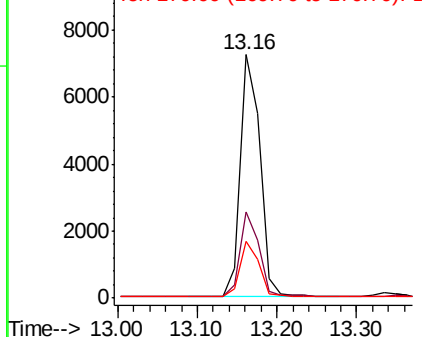


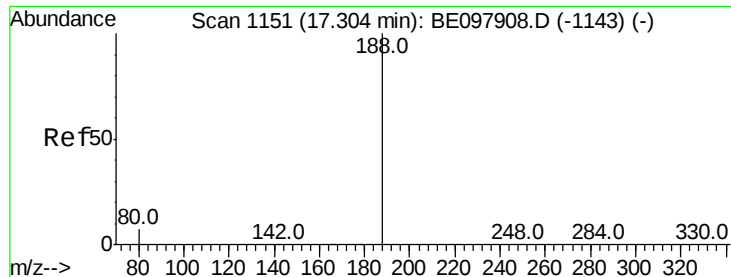
#15
 2-Fluorobiphenyl
 Concen: 0.359 ng
 RT: 13.16 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BE097981.D
 Acq: 18 Oct 2018 17:24

Tgt Ion:172 Resp: 12305
 Ion Ratio Lower Upper
 172 100
 171 35.1 26.0 39.0
 170 23.3 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: BE097981.D

Acq: 18 Oct 2018 17:24

Instrument :

BNA_E

ClientSampleId :

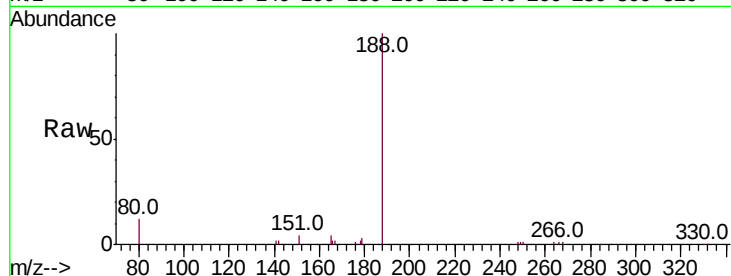
Tot Ion:188 Resp: 20825

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

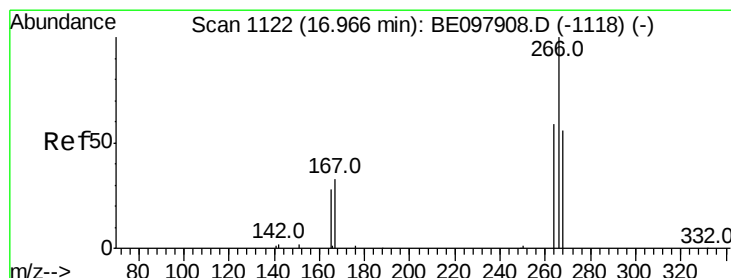
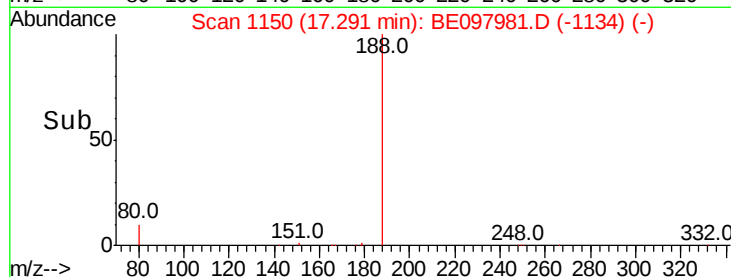
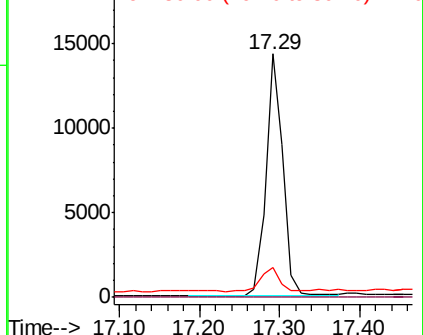
80 12.4 6.3 9.5#



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: 0.049 ng

RT: 16.95 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BE097981.D

Acq: 18 Oct 2018 17:24

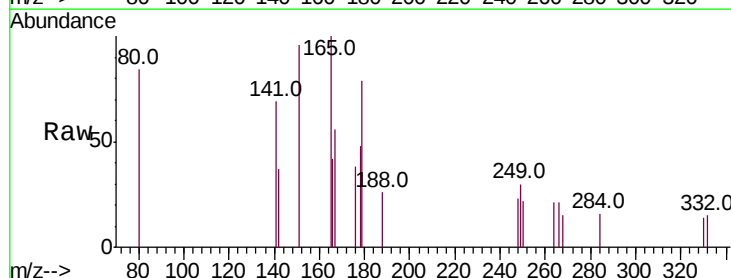
Tgt Ion:266 Resp: 52

Ion Ratio Lower Upper

266 100

264 103.4 51.3 76.9#

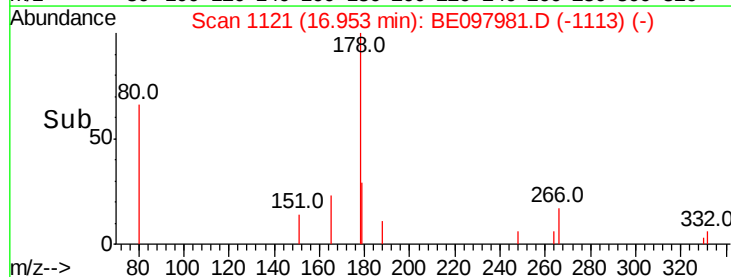
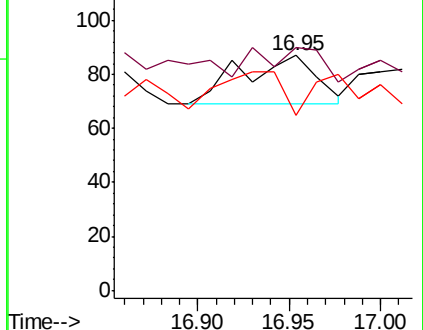
268 74.7 50.1 75.1

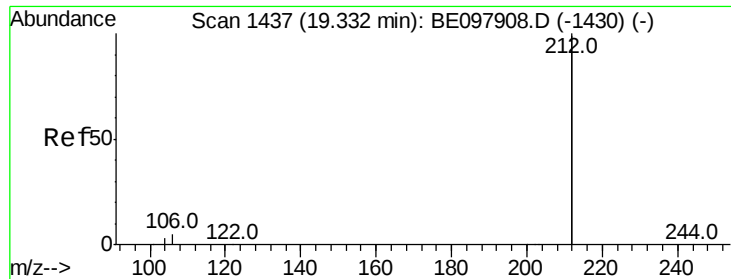


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.355 ng

RT: 19.33 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BE097981.D

Acq: 18 Oct 2018 17:24

Instrument :

BNA_E

ClientSampleId :

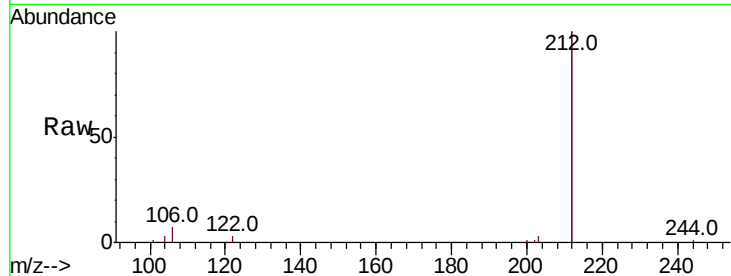
Tot Ion:212 Resp: 100282

Ion Ratio Lower Upper

212 100

106 3.1 2.3 3.5

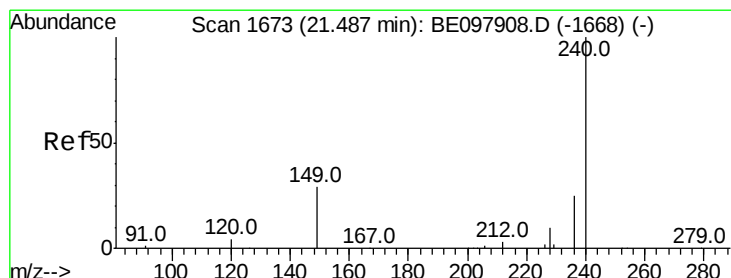
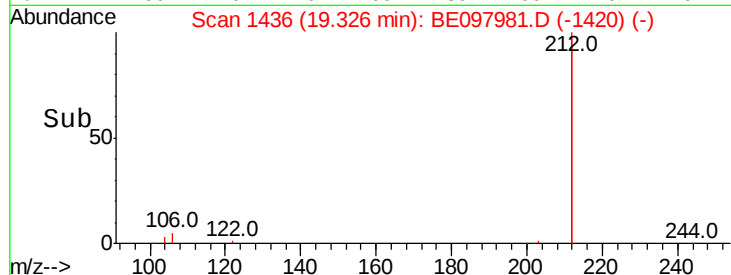
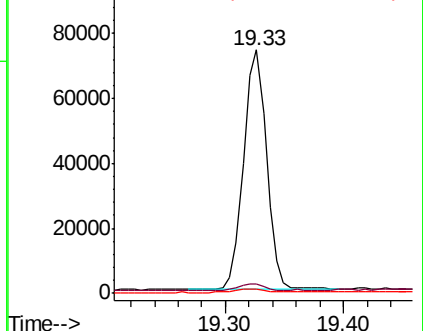
104 1.6 1.3 1.9



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: BE097981.D

Acq: 18 Oct 2018 17:24

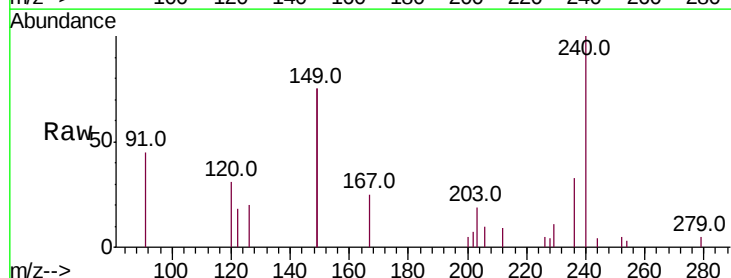
Tgt Ion:240 Resp: 22481

Ion Ratio Lower Upper

240 100

120 31.2 7.1 10.7#

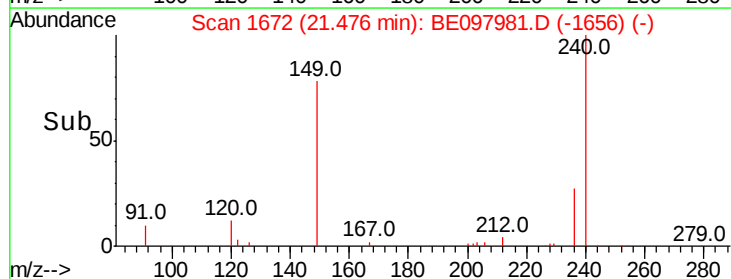
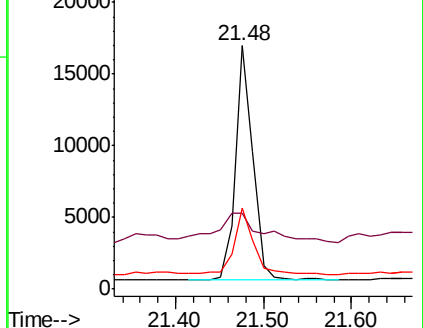
236 33.4 21.3 31.9#

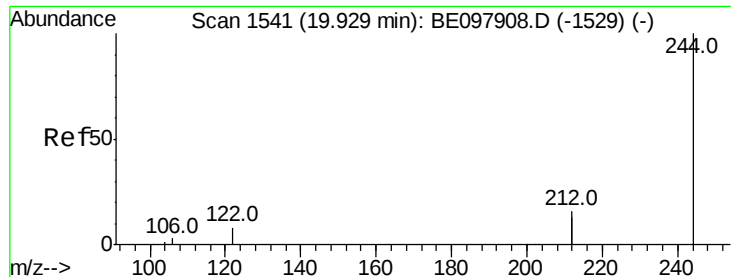


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.539 ng

RT: 19.92 min Scan# 1539

Delta R.T. -0.01 min

Lab File: BE097981.D

Acq: 18 Oct 2018 17:24

Instrument :

BNA_E

ClientSampleId :

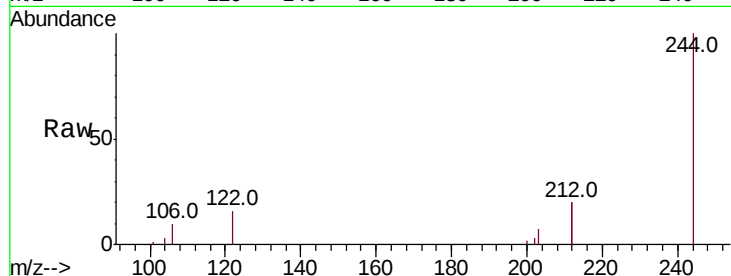
Tot Ion:244 Resp: 27762

Ion Ratio Lower Upper

244 100

212 39.5 26.2 39.2#

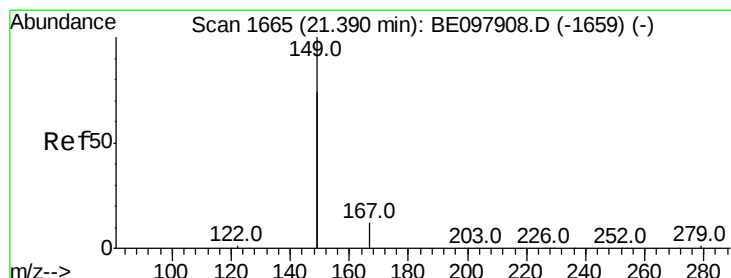
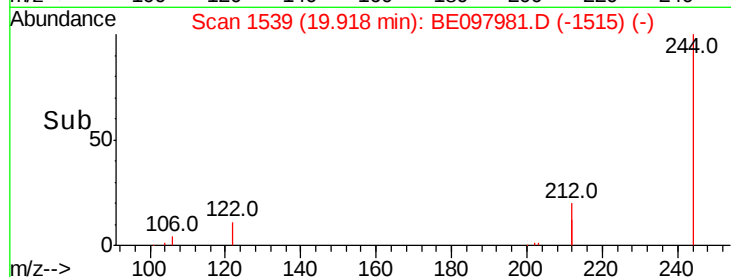
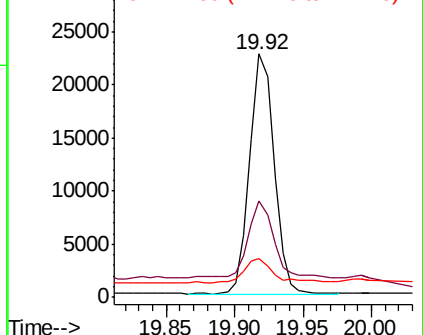
122 16.0 7.7 11.5#



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: 0.021 ng

RT: 21.39 min Scan# 1665

Delta R.T. 0.00 min

Lab File: BE097981.D

Acq: 18 Oct 2018 17:24

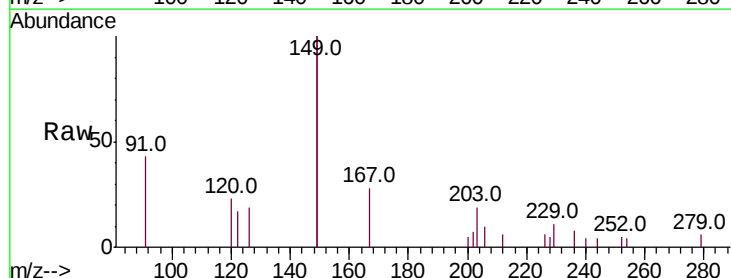
Tgt Ion:149 Resp: 20421

Ion Ratio Lower Upper

149 100

167 13.2 5.6 8.4#

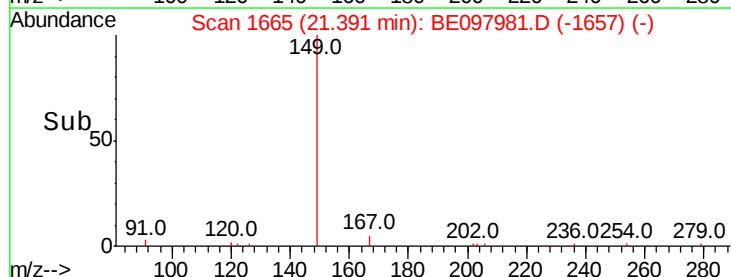
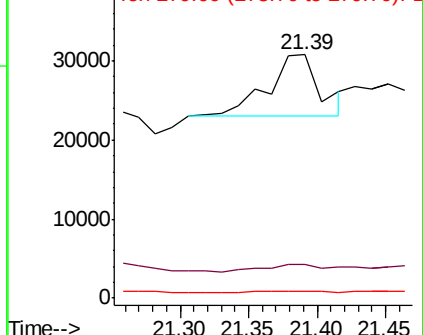
279 2.6 0.9 1.3#

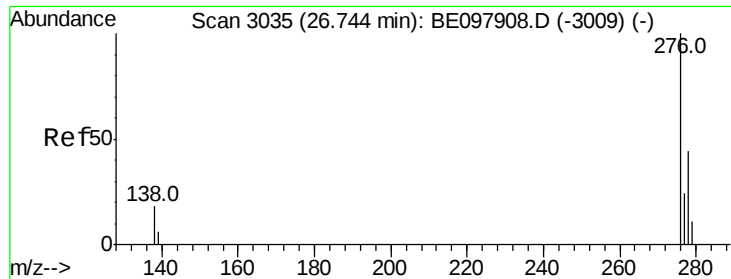


Abundance Ion 149.00 (148.70 to 149.70): E

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# 3031

Delta R.T. -0.01 min

Lab File: BE097981.D

Acq: 18 Oct 2018 17:24

Instrument :

BNA_E

ClientSampleId :

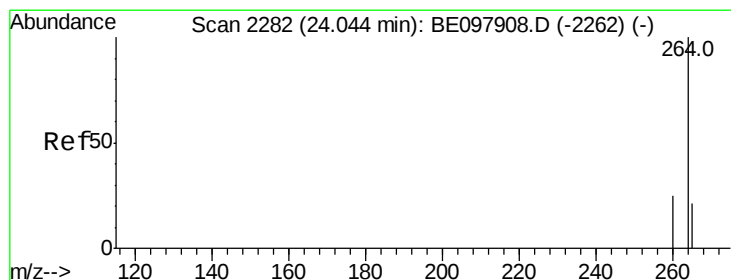
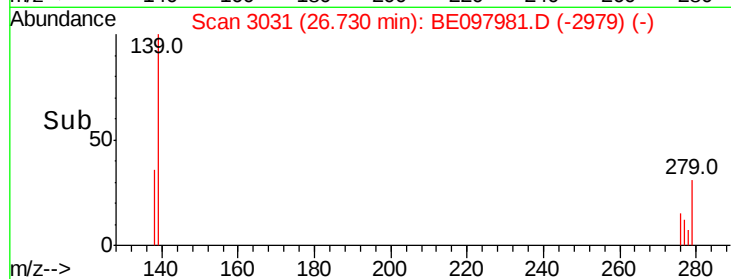
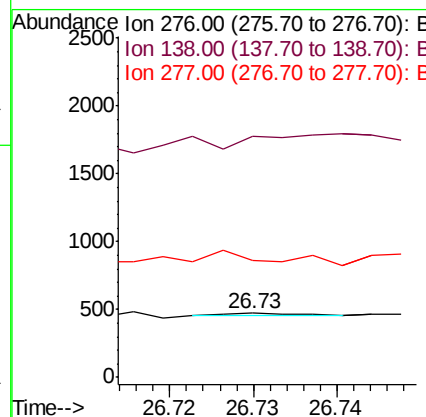
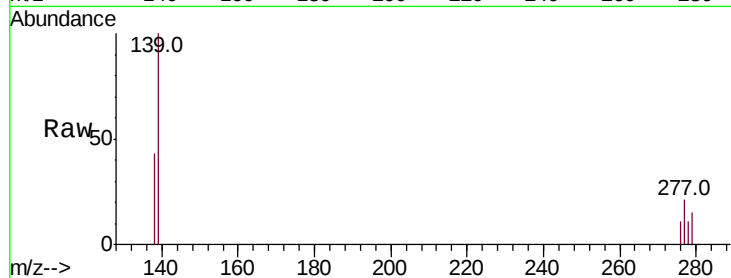
Tot Ion:276 Resp: 11

Ion Ratio Lower Upper

276 100

138 418.2 17.0 25.6#

277 627.3 20.5 30.7#



#34

Perylene-d12

Concen: 0.400 ng

RT: 24.03 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BE097981.D

Acq: 18 Oct 2018 17:24

Tgt Ion:264 Resp: 22393

Ion Ratio Lower Upper

264 100

260 27.8 21.1 31.7

265 32.8 29.2 43.8

