

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101818\
 Data File : BE097972.D
 Acq On : 18 Oct 2018 11:53
 Operator : SJ/JU
 Sample : J5521-12
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 19 01:06:58 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

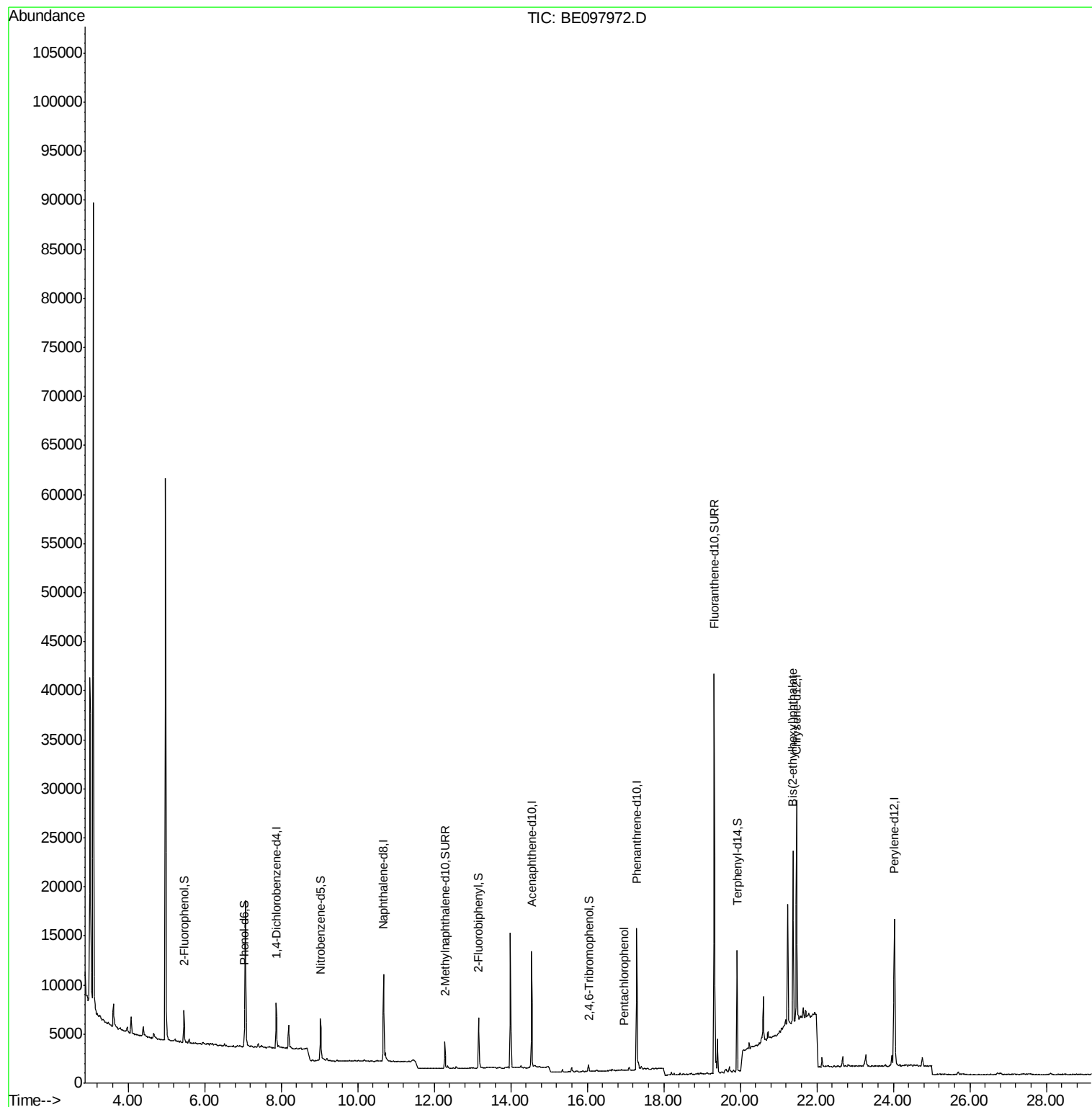
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	2106	0.40	ng	-0.01
7) Naphthalene-d8	10.68	136	9569	0.40	ng	-0.01
13) Acenaphthene-d10	14.54	164	7004	0.40	ng	-0.01
19) Phenanthrene-d10	17.29	188	19103	0.40	ng	-0.01
27) Chrysene-d12	21.48	240	22681	0.40	ng	-0.01
34) Perylene-d12	24.03	264	21941	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	1548	0.23	ng	-0.01
5) Phenol-d6	7.05	99	2401	0.24	ng	-0.01
8) Nitrobenzene-d5	9.03	82	1856	0.20	ng	-0.01
11) 2-Methylnaphthalene-d10	12.28	152	3572	0.22	ng	-0.01
14) 2,4,6-Tribromophenol	16.04	330	478	0.13	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	5304	0.19	ng	-0.01
25) Fluoranthene-d10	19.32	212	52877	0.20	ng	-0.01
29) Terphenyl-d14	19.92	244	10510	0.20	ng	-0.01
Target Compounds						
22) Pentachlorophenol	16.96	266	6	0.032	ng	# 63
32) Bis(2-ethylhexyl)phthalate	21.38	149	21566	0.029	ng	99
33) Indeno(1,2,3-cd)pyrene	26.72	276	48	Below Cal		# 65

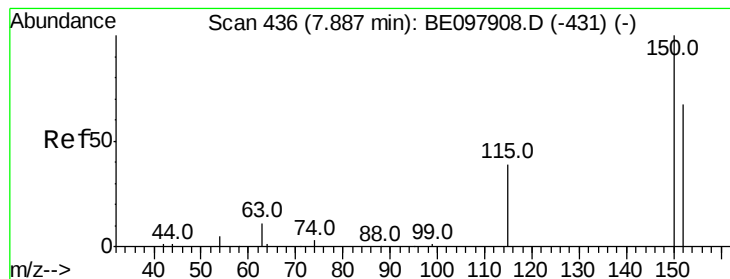
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Oct 16 15:36:44 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.88 min Scan# 435

Delta R.T. -0.01 min

Lab File: BE097972.D

Acq: 18 Oct 2018 11:53

Instrument :

BNA_E

ClientSampled :

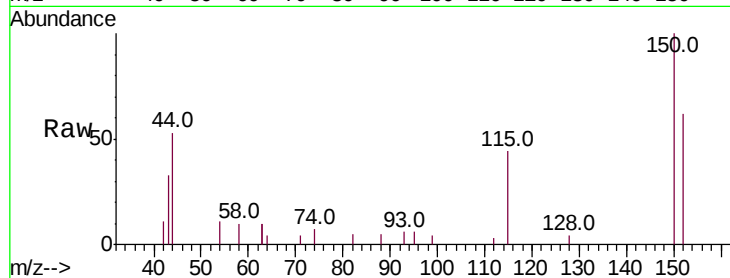
Tot Ion:152 Resp: 2106

Ion Ratio Lower Upper

152 100

150 161.5 118.2 177.4

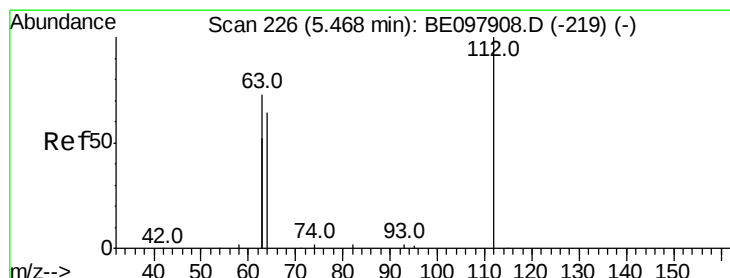
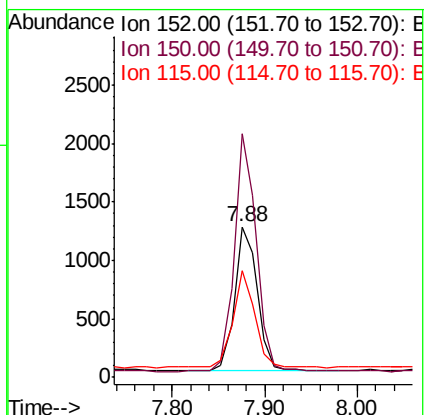
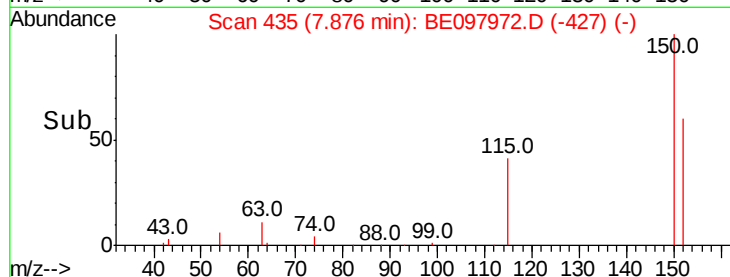
115 70.8 50.9 76.3



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



#4

2-Fluorophenol

Concen: 0.233 ng

RT: 5.46 min Scan# 225

Delta R.T. -0.01 min

Lab File: BE097972.D

Acq: 18 Oct 2018 11:53

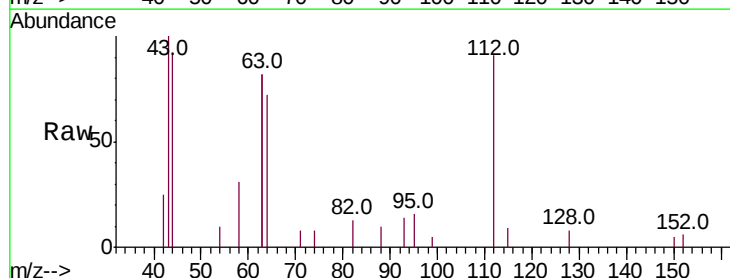
Tgt Ion:112 Resp: 1548

Ion Ratio Lower Upper

112 100

64 71.6 58.9 88.3

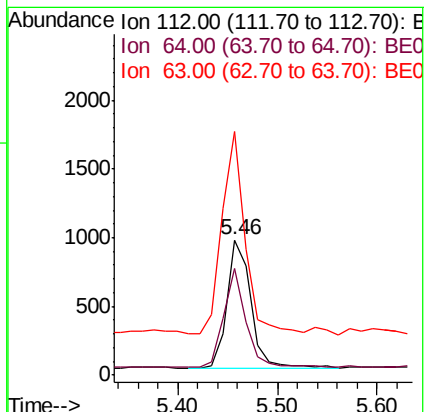
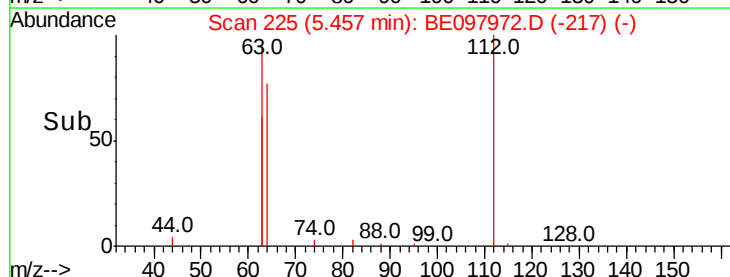
63 152.1 120.3 180.5

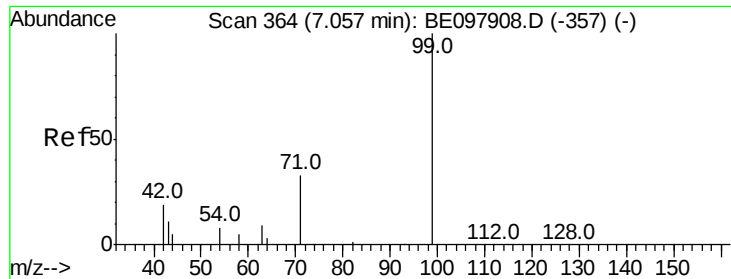


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.245 ng

RT: 7.05 min Scan# 363

Delta R.T. -0.01 min

Lab File: BE097972.D

Acq: 18 Oct 2018 11:53

Instrument :

BNA_E

ClientSampleId :

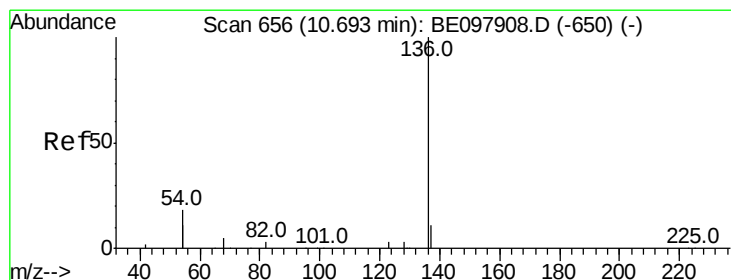
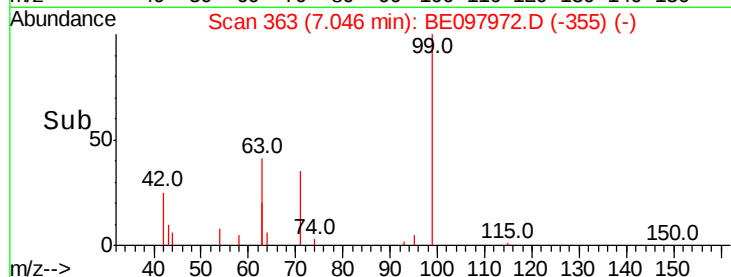
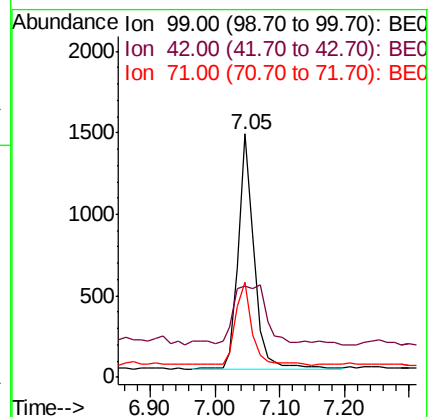
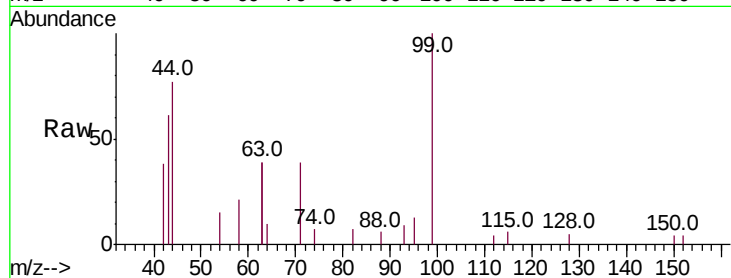
Tot Ion: 99 Resp: 2401

Ion Ratio Lower Upper

99 100

42 0.0 19.9 29.9#

71 36.1 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: BE097972.D

Acq: 18 Oct 2018 11:53

Tgt Ion: 136 Resp: 9569

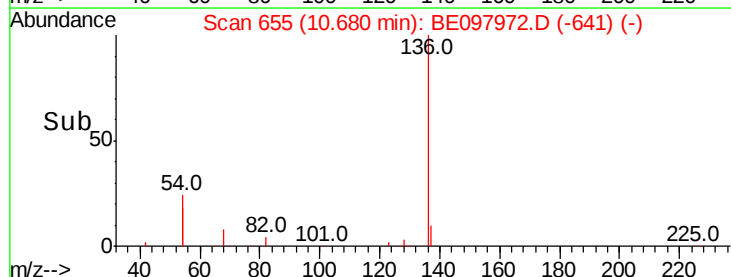
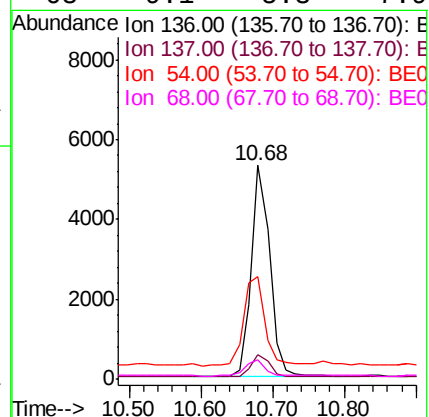
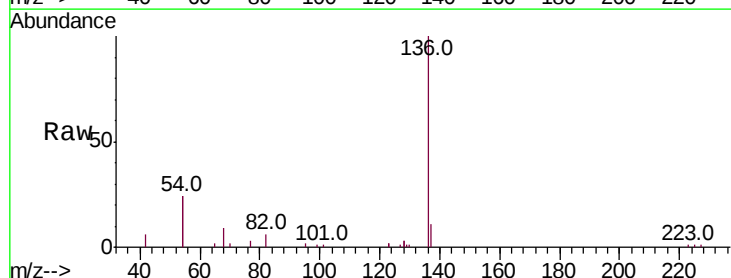
Ion Ratio Lower Upper

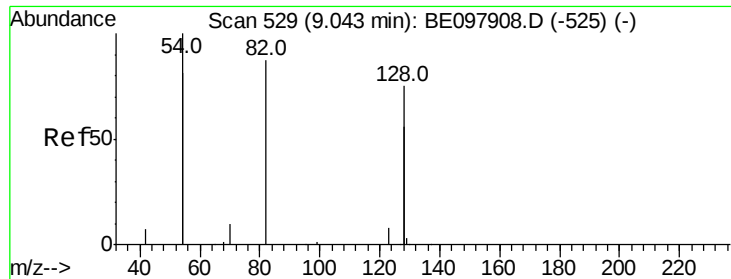
136 100

137 11.3 9.6 14.4

54 48.0 27.7 41.5#

68 9.1 5.3 7.9#





#8

Nitrobenzene-d5

Concen: 0.205 ng

RT: 9.03 min Scan# 528

Delta R.T. -0.01 min

Lab File: BE097972.D

Acq: 18 Oct 2018 11:53

Instrument :

BNA_E

ClientSampleId :

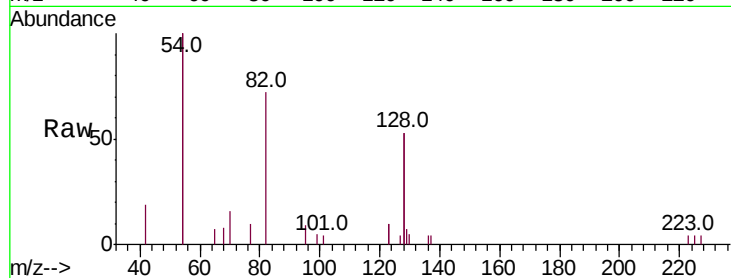
Tot Ion: 82 Resp: 1856

Ion Ratio Lower Upper

82 100

128 146.0 129.9 194.9

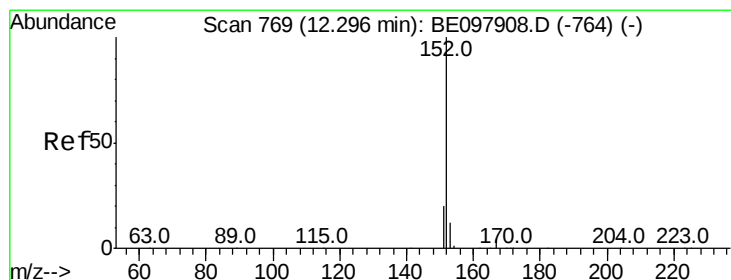
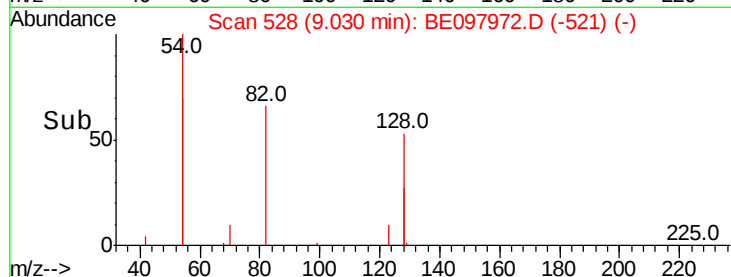
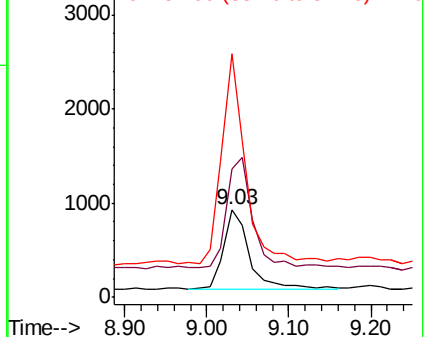
54 277.8 174.0 261.0#



Abundance Ion 82.00 (81.70 to 82.70): BE097972.D (-528) (-)

Ion 128.00 (127.70 to 128.70): BE097972.D (-528) (-)

Ion 54.00 (53.70 to 54.70): BE097972.D (-528) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.224 ng

RT: 12.28 min Scan# 768

Delta R.T. -0.01 min

Lab File: BE097972.D

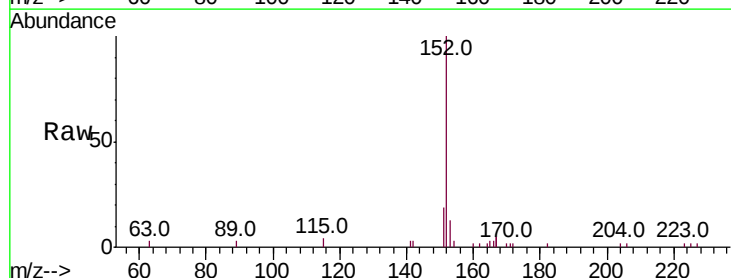
Acq: 18 Oct 2018 11:53

Tgt Ion: 152 Resp: 3572

Ion Ratio Lower Upper

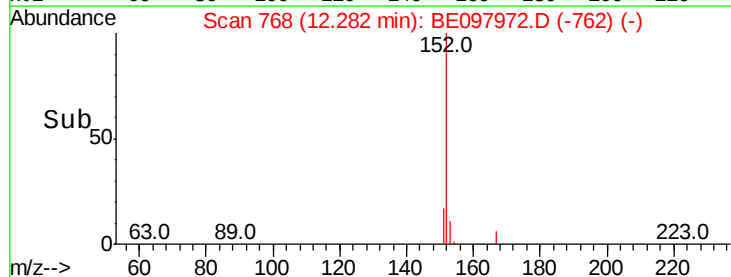
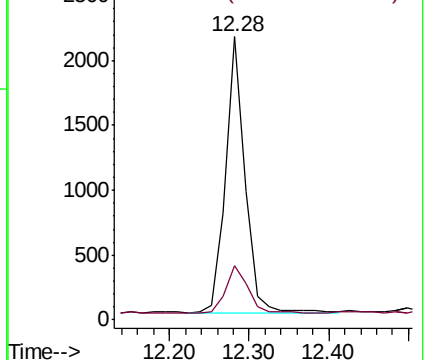
152 100

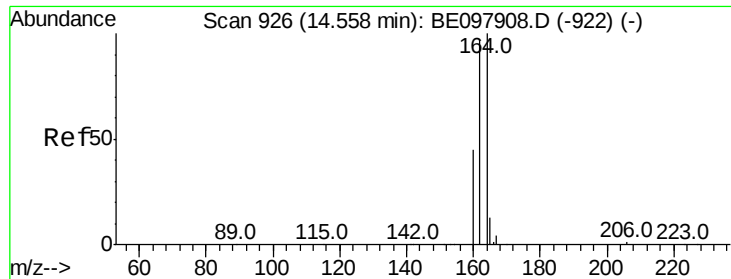
151 20.2 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): BE097972.D (-768) (-)

Ion 151.00 (150.70 to 151.70): BE097972.D (-768) (-)

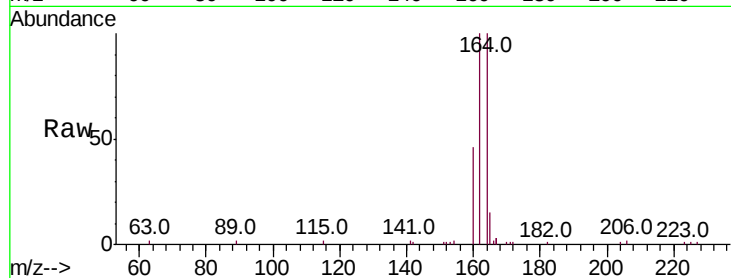




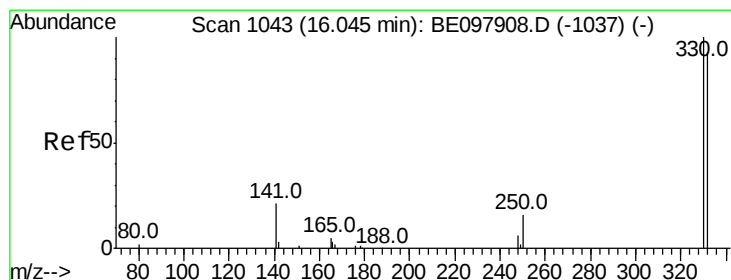
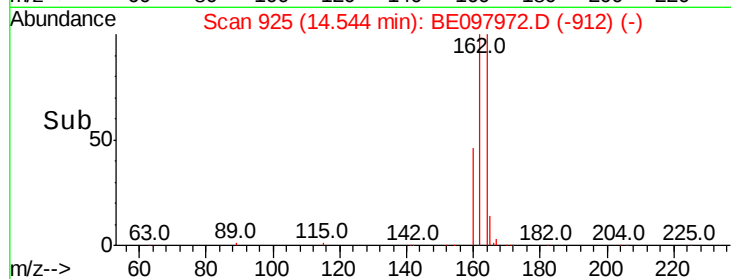
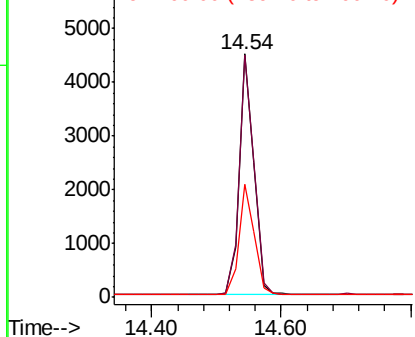
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.01 min
Lab File: BE097972.D
Acq: 18 Oct 2018 11:53

Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 7004
Ion Ratio Lower Upper
164 100
162 99.6 77.4 116.2
160 46.4 36.5 54.7

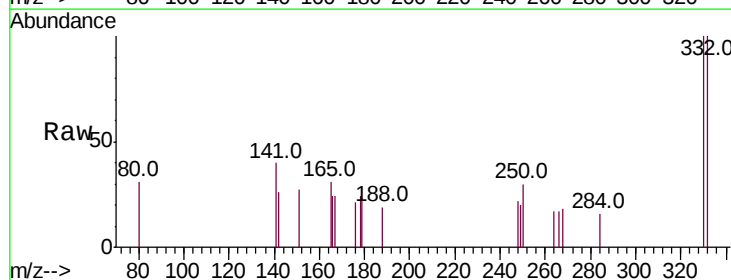


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

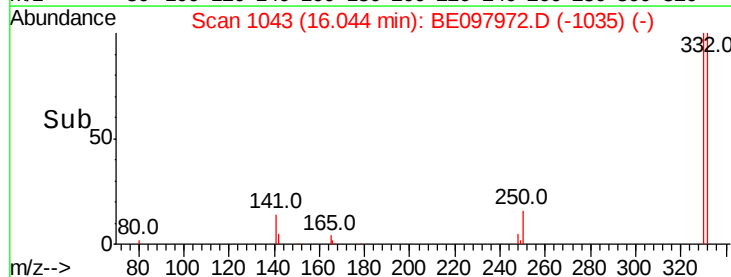
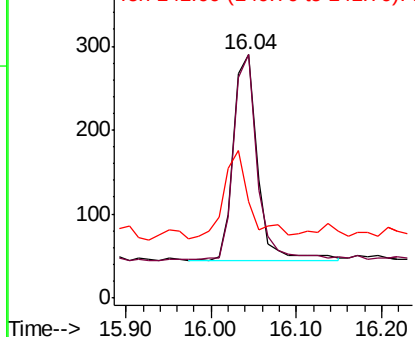


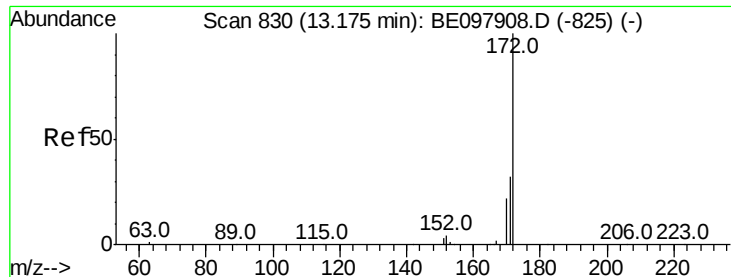
#14
2,4,6-Tribromophenol
Concen: 0.127 ng
RT: 16.04 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BE097972.D
Acq: 18 Oct 2018 11:53

Tgt Ion:330 Resp: 478
Ion Ratio Lower Upper
330 100
332 98.5 76.5 114.7
141 48.3 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

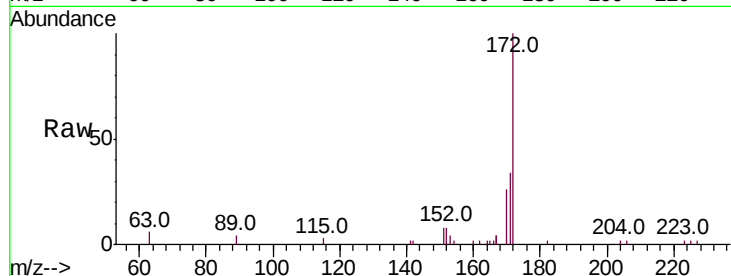




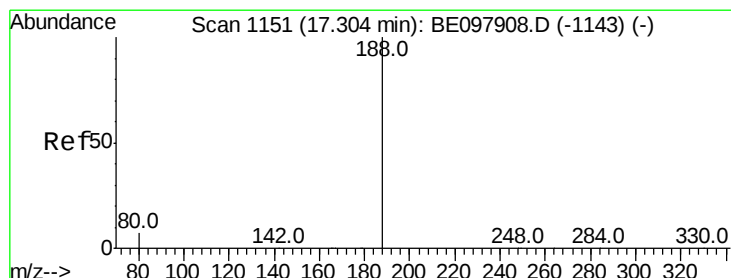
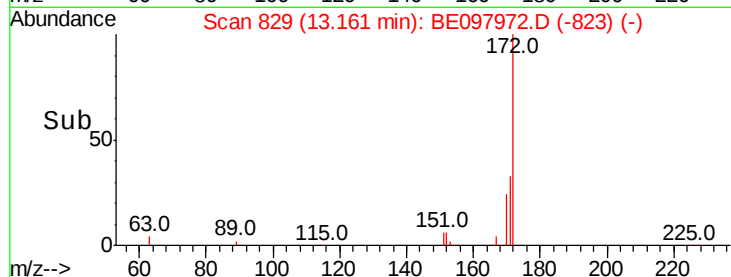
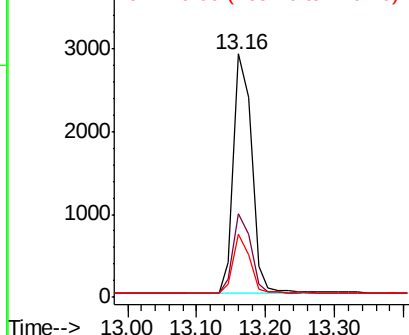
#15
2-Fluorobiphenyl
Concen: 0.185 ng
RT: 13.16 min Scan# 829
Delta R.T. -0.01 min
Lab File: BE097972.D
Acq: 18 Oct 2018 11:53

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 5304
Ion Ratio Lower Upper
172 100
171 34.5 26.0 39.0
170 25.9 18.0 27.0

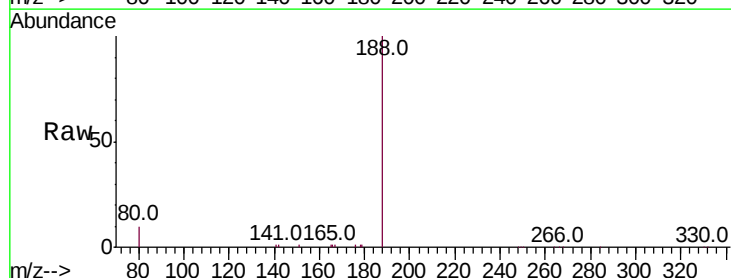


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

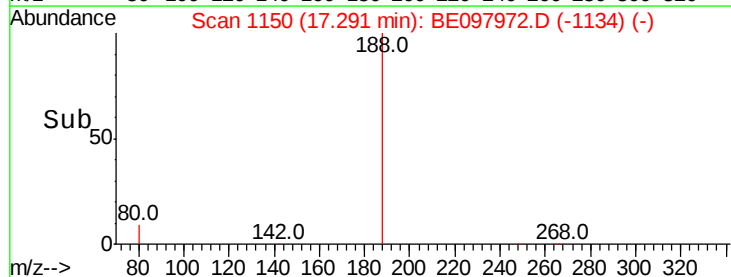
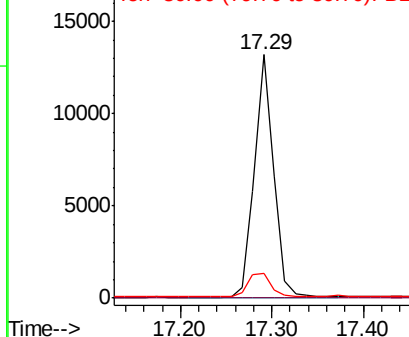


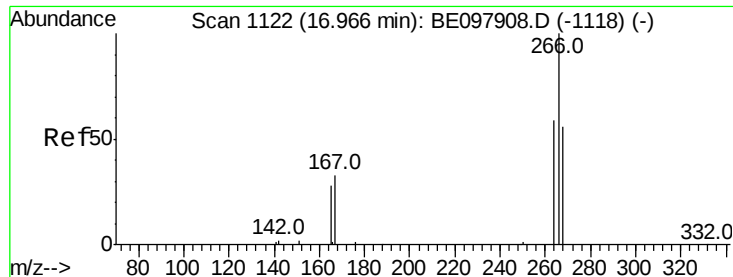
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.29 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BE097972.D
Acq: 18 Oct 2018 11:53

Tgt Ion:188 Resp: 19103
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.0 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: 0.032 ng

RT: 16.96 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE097972.D

Acq: 18 Oct 2018 11:53

Instrument :

BNA_E

ClientSampleId :

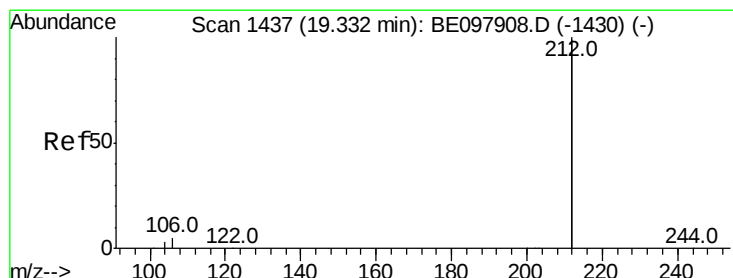
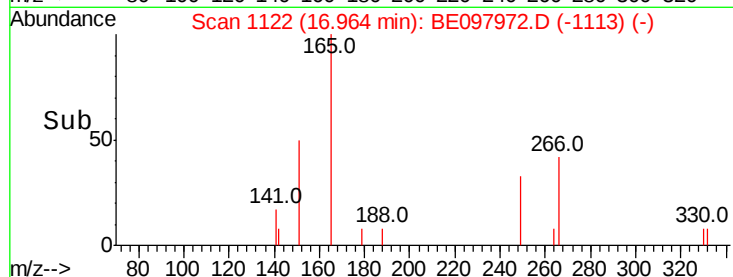
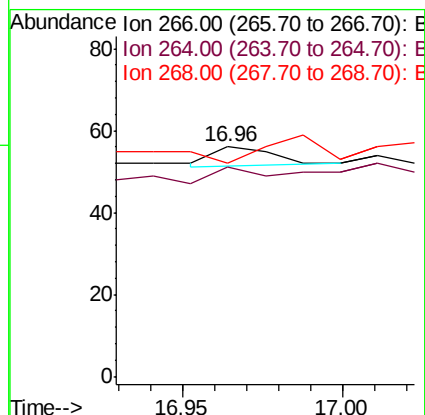
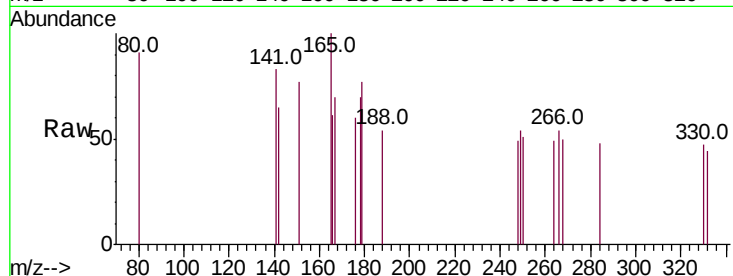
Tot Ion:266 Resp: 6

Ion Ratio Lower Upper

266 100

264 91.1 51.3 76.9#

268 92.9 50.1 75.1#



#25

Fluoranthene-d10

Concen: 0.204 ng

RT: 19.32 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BE097972.D

Acq: 18 Oct 2018 11:53

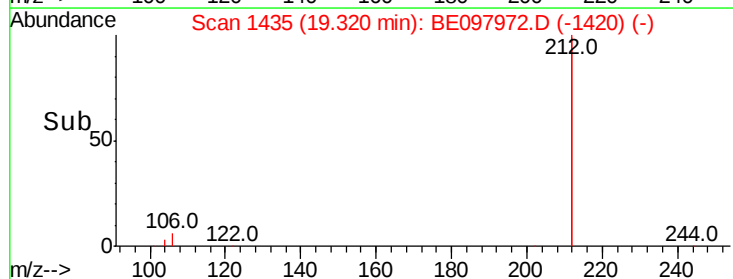
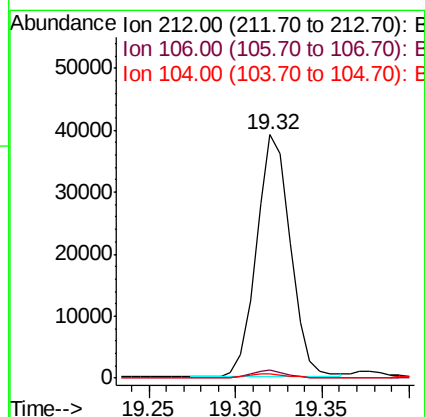
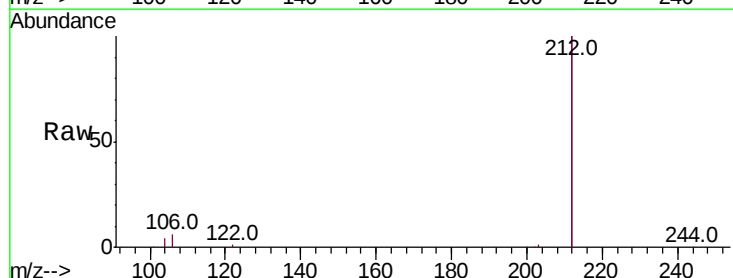
Tgt Ion:212 Resp: 52877

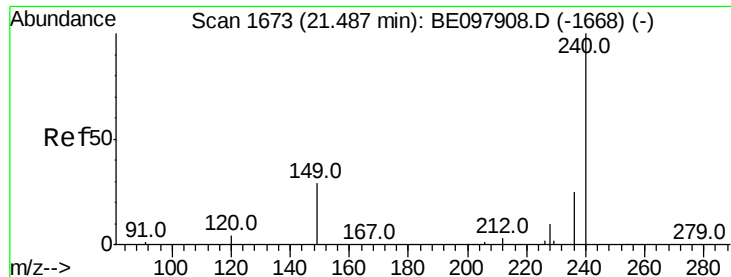
Ion Ratio Lower Upper

212 100

106 2.9 2.3 3.5

104 1.6 1.3 1.9

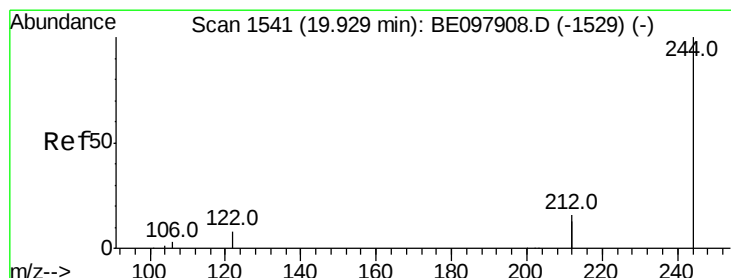
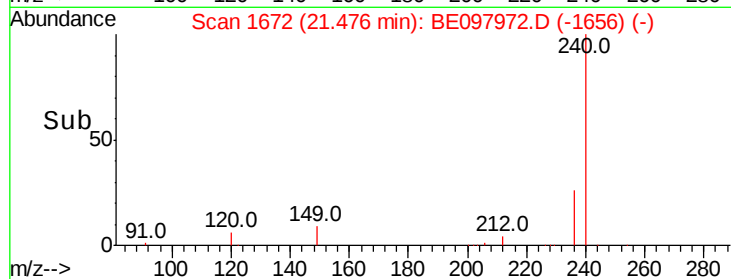
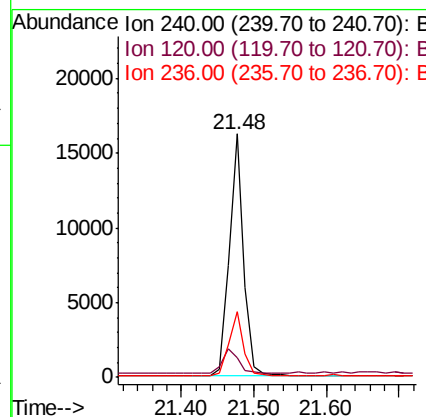
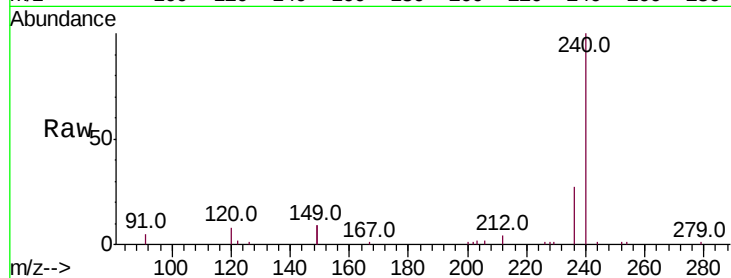




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.48 min Scan# 1672
 Delta R.T. -0.01 min
 Lab File: BE097972.D
 Acq: 18 Oct 2018 11:53

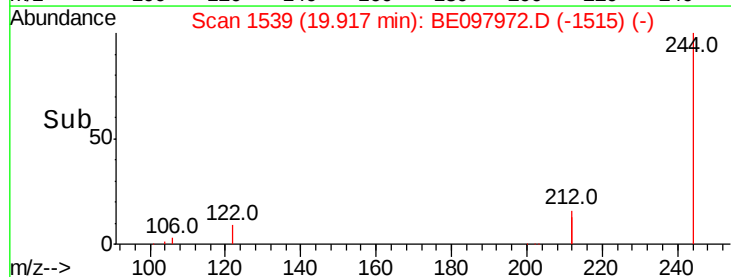
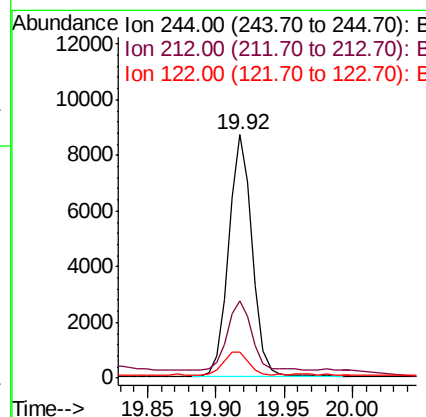
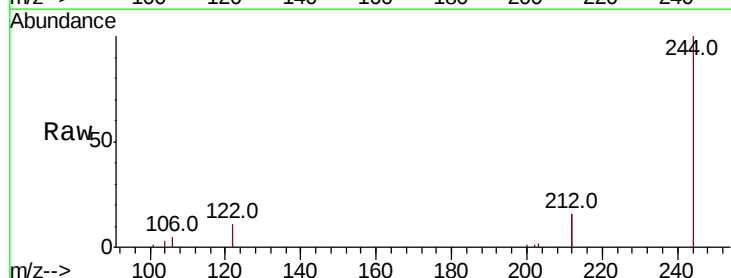
Instrument :
 BNA_E
 ClientSampleId :

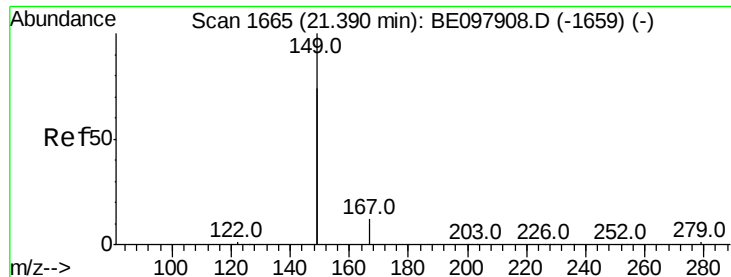
Tot Ion:240 Resp: 22681
 Ion Ratio Lower Upper
 240 100
 120 7.8 7.1 10.7
 236 27.0 21.3 31.9



#29
 Terphenyl-d14
 Concen: 0.202 ng
 RT: 19.92 min Scan# 1539
 Delta R.T. -0.01 min
 Lab File: BE097972.D
 Acq: 18 Oct 2018 11:53

Tgt Ion:244 Resp: 10510
 Ion Ratio Lower Upper
 244 100
 212 31.9 26.2 39.2
 122 10.8 7.7 11.5

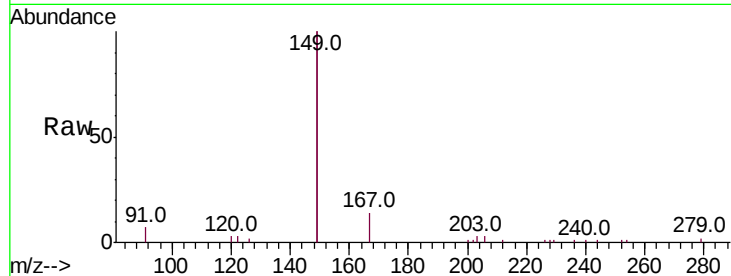




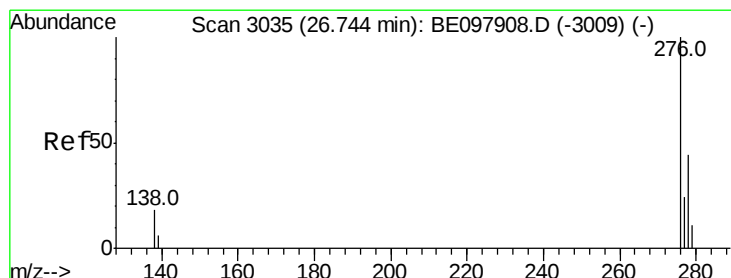
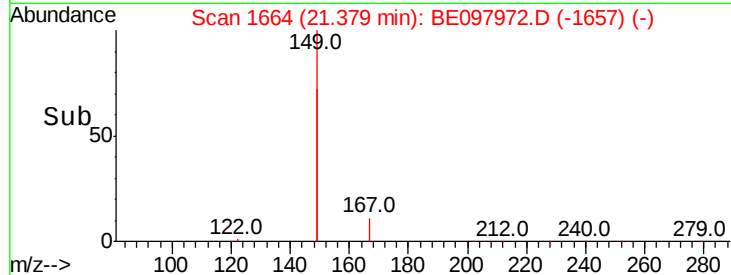
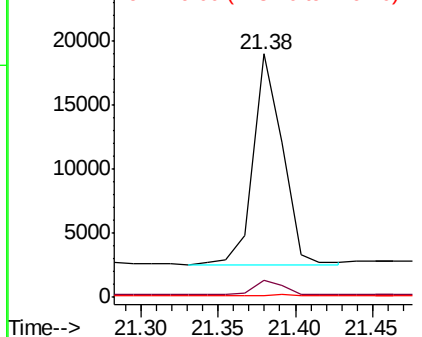
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.029 ng
 RT: 21.38 min Scan# 1664
 Delta R.T. -0.01 min
 Lab File: BE097972.D
 Acq: 18 Oct 2018 11:53

Instrument :
 BNA_E
 ClientSampled :

Tot Ion:149 Resp: 21566
 Ion Ratio Lower Upper
 149 100
 167 6.7 5.6 8.4
 279 1.1 0.9 1.3

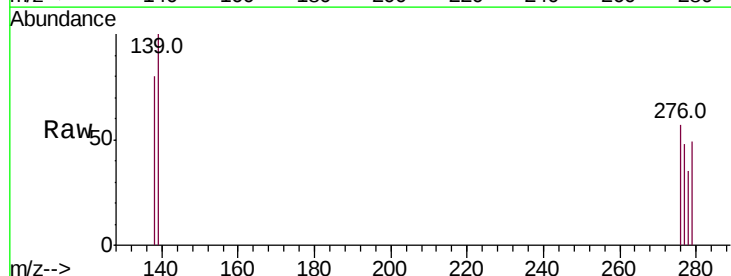


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

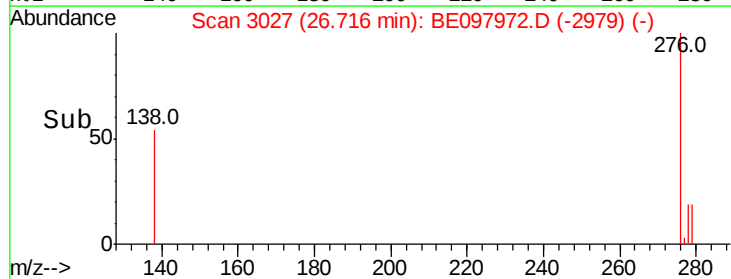
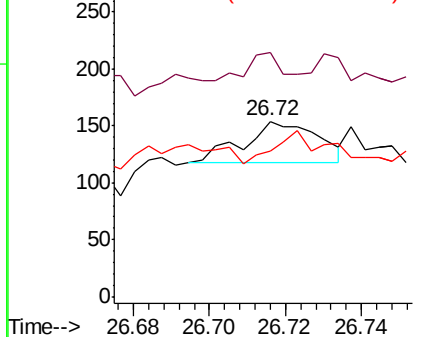


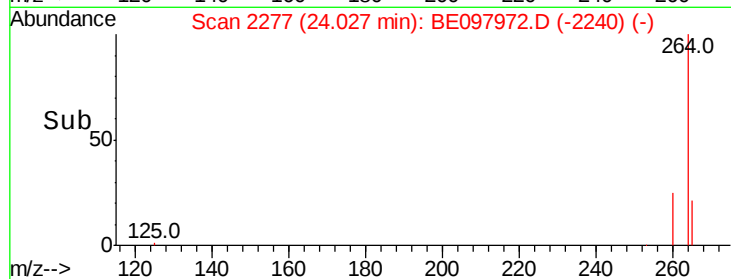
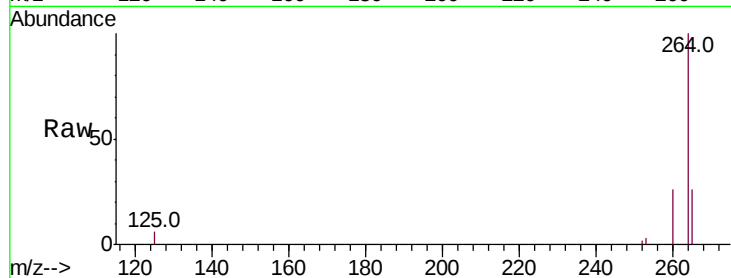
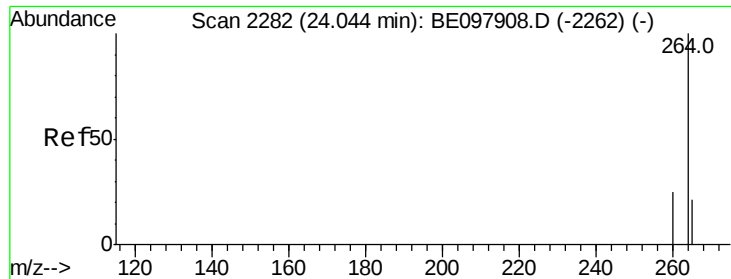
#33
 Indeno(1,2,3-cd)pyrene
 Concen: Below Cal
 RT: 26.72 min Scan# 3027
 Delta R.T. -0.03 min
 Lab File: BE097972.D
 Acq: 18 Oct 2018 11:53

Tgt Ion:276 Resp: 48
 Ion Ratio Lower Upper
 276 100
 138 29.2 17.0 25.6#
 277 0.0 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
 Pervlene-d12
 Concen: 0.400 ng
 RT: 24.03 min Scan# 2277
 Delta R.T. -0.02 min
 Lab File: BE097972.D
 Acq: 18 Oct 2018 11:53

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:264 Resp: 21941
 Ion Ratio Lower Upper
 264 100
 260 25.7 21.1 31.7
 265 26.4 29.2 43.8#

