

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092018\
 Data File : BE097606.D
 Acq On : 21 Sep 2018 11:43
 Operator : SJ/JU
 Sample : PB112986BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB112986BL

Quant Time: Sep 21 13:26:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 20 10:54:43 2018
 Response via : Initial Calibration

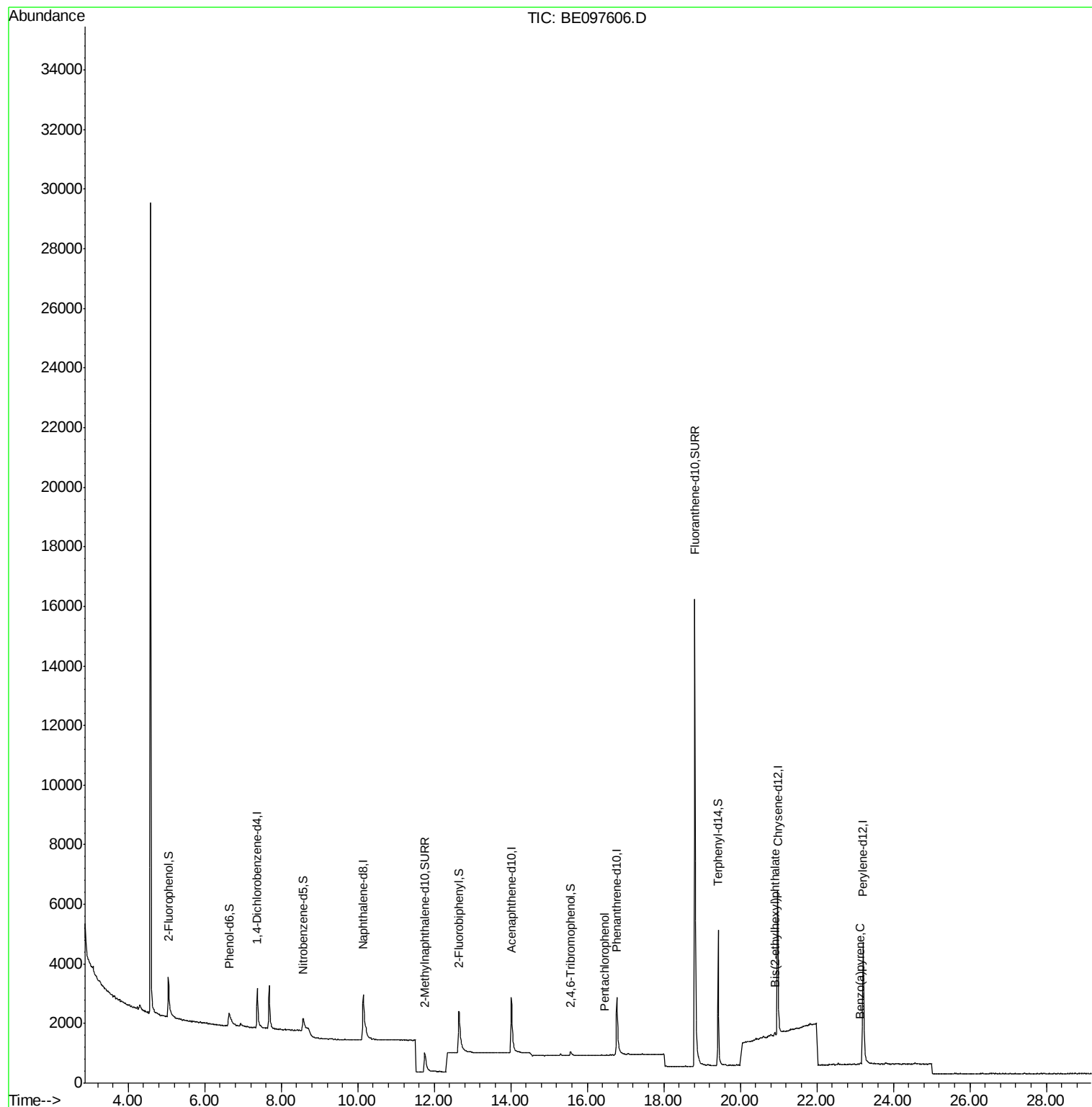
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	845	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	3564	0.40	ng	0.01
13) Acenaphthene-d10	14.01	164	1922	0.40	ng	0.01
19) Phenanthrene-d10	16.78	188	4942	0.40	ng	0.02
27) Chrysene-d12	20.98	240	7222	0.40	ng	0.01
34) Perylene-d12	23.21	264	7250	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.06	112	1173	0.46	ng	0.01
5) Phenol-d6	6.64	99	646	0.20	ng	0.03
8) Nitrobenzene-d5	8.57	82	873	0.32	ng	0.04
11) 2-Methylnaphthalene-d10	11.75	152	2152	0.44	ng	0.04
14) 2,4,6-Tribromophenol	15.56	330	115	0.22	ng	0.04
15) 2-Fluorobiphenyl	12.66	172	3009	0.44	ng	0.03
25) Fluoranthene-d10	18.81	212	30029	0.47	ng	0.00
29) Terphenyl-d14	19.42	244	5290	0.40	ng	0.00
Target Compounds						
22) Pentachlorophenol	16.46	266	2	0.131	ng	Qvalue 94
32) Bis(2-ethylhexyl)phthalate	20.91	149	335	0.021	ng	# 92
37) Benzo(a)pyrene	23.11	252	2	0.021	ng	# 1

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

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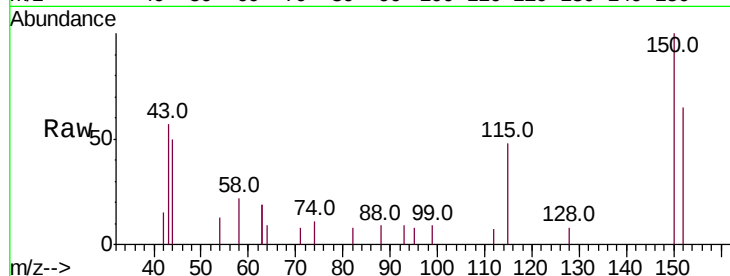


#1

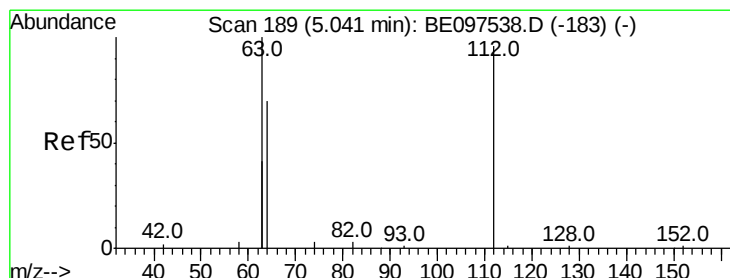
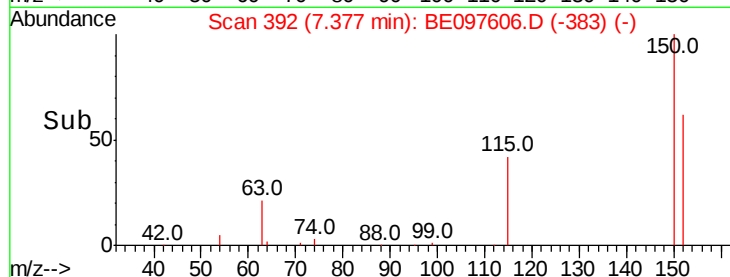
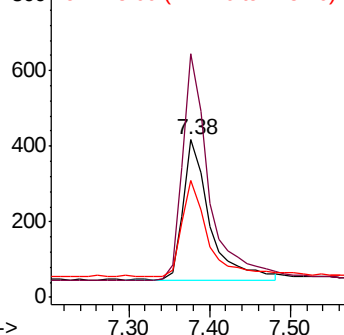
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. -0.00 min
Lab File: BE097606.D
Acq: 21 Sep 2018 11:43

Instrument :
BNA_E
ClientSampleId :
PB112986BL

Tot Ion:152 Resp: 845
Ion Ratio Lower Upper
152 100
150 154.4 117.2 175.8
115 74.6 57.0 85.6



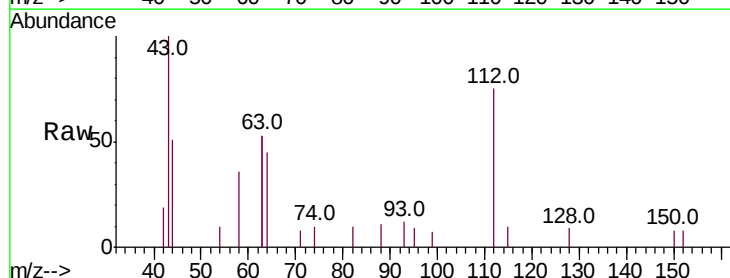
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



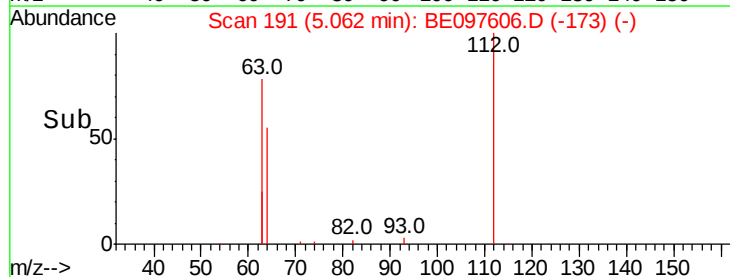
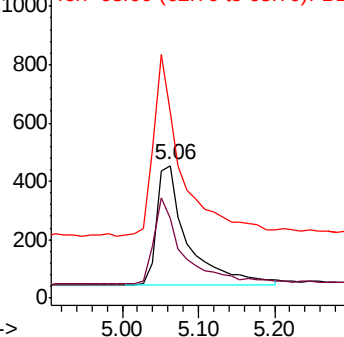
#4

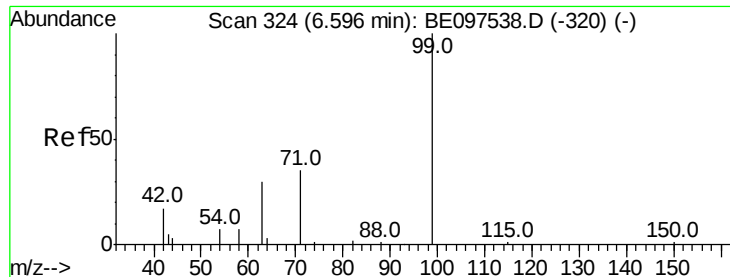
2-Fluorophenol
Concen: 0.463 ng
RT: 5.06 min Scan# 191
Delta R.T. 0.01 min
Lab File: BE097606.D
Acq: 21 Sep 2018 11:43

Tgt Ion:112 Resp: 1173
Ion Ratio Lower Upper
112 100
64 67.9 60.1 90.1
63 137.8 116.8 175.2



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: 0.200 ng

RT: 6.64 min Scan# 328

Delta R.T. 0.03 min

Lab File: BE097606.D

Acq: 21 Sep 2018 11:43

Instrument :

BNA_E

ClientSampleId :

PB112986BL

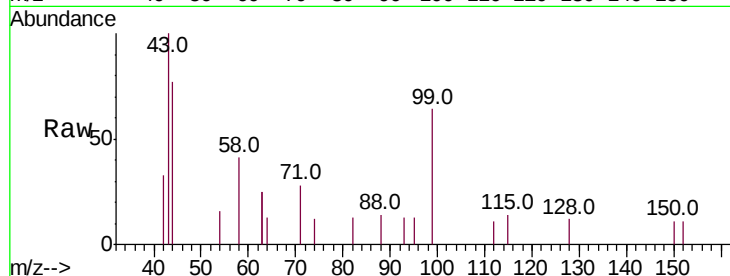
Tot Ion: 99 Resp: 646

Ion Ratio Lower Upper

99 100

42 22.8 20.2 30.2

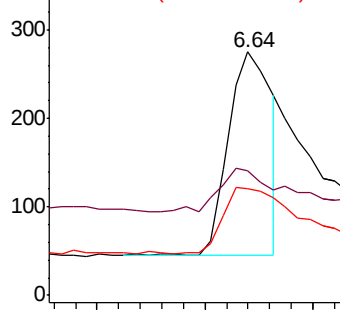
71 36.4 28.4 42.6



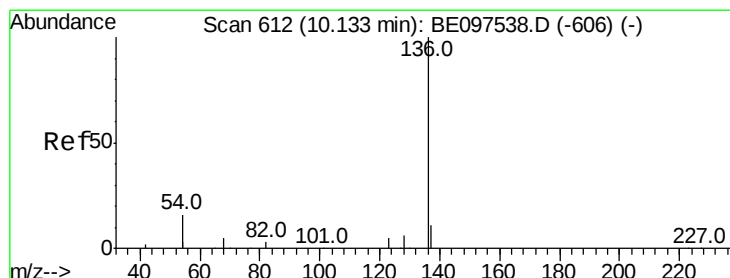
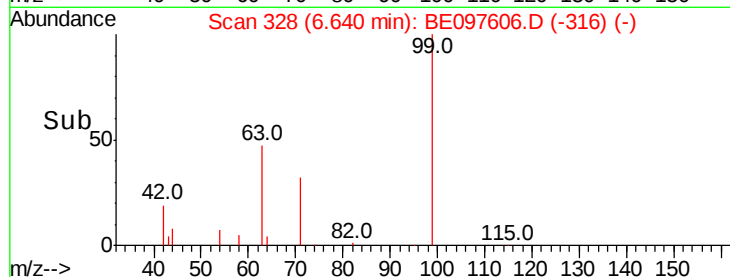
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 614

Delta R.T. 0.01 min

Lab File: BE097606.D

Acq: 21 Sep 2018 11:43

Tgt Ion: 136 Resp: 3564

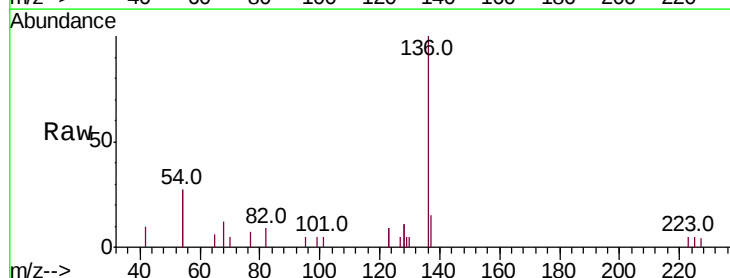
Ion Ratio Lower Upper

136 100

137 15.0 9.5 14.3#

54 53.2 29.1 43.7#

68 12.1 6.2 9.2#

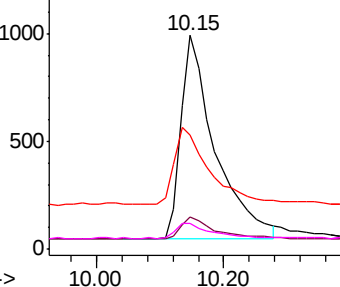


Abundance Ion 136.00 (135.70 to 136.70): E

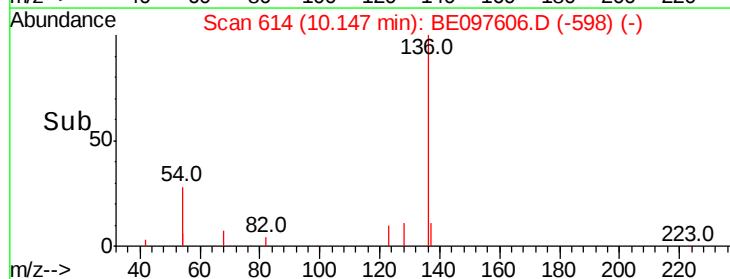
Ion 137.00 (136.70 to 137.70): E

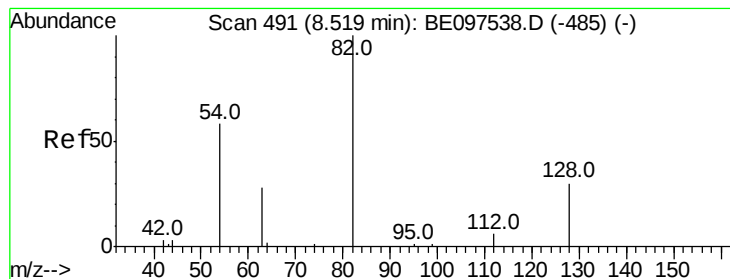
Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->





#8

Nitrobenzene-d5

Concen: 0.317 ng

RT: 8.57 min Scan# 496

Delta R.T. 0.04 min

Lab File: BE097606.D

Acq: 21 Sep 2018 11:43

Instrument :

BNA_E

ClientSampleId :

PB112986BL

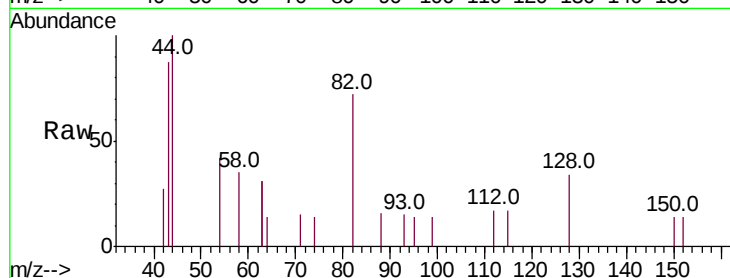
Tot Ion: 82 Resp: 873

Ion Ratio Lower Upper

82 100

128 47.8 24.0 36.0#

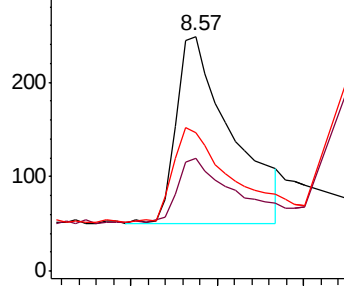
54 59.0 40.0 60.0



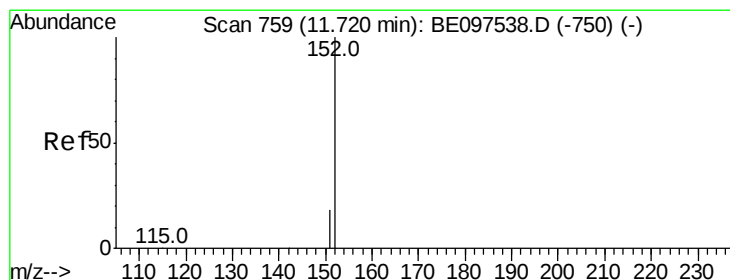
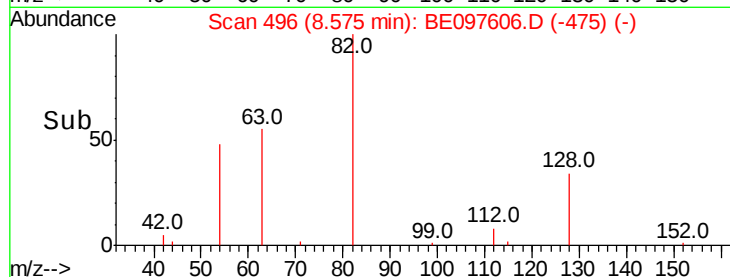
Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.438 ng

RT: 11.75 min Scan# 767

Delta R.T. 0.04 min

Lab File: BE097606.D

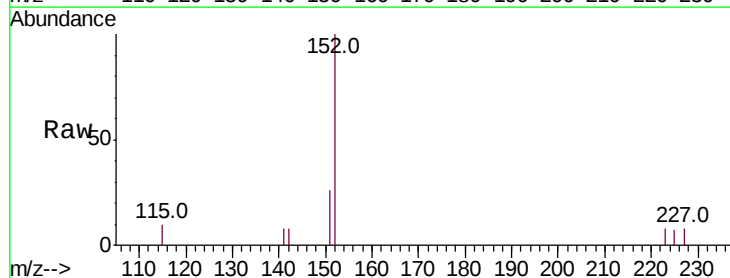
Acq: 21 Sep 2018 11:43

Tgt Ion: 152 Resp: 2152

Ion Ratio Lower Upper

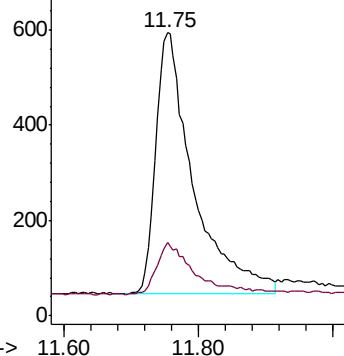
152 100

151 19.4 15.4 23.0

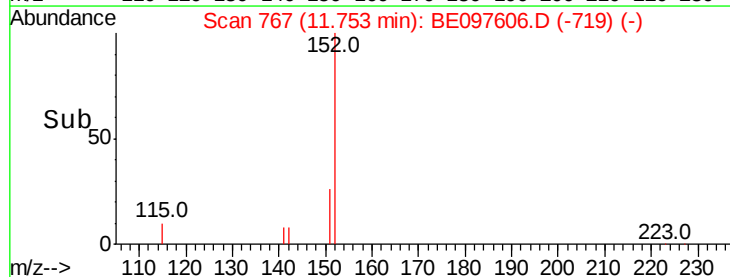


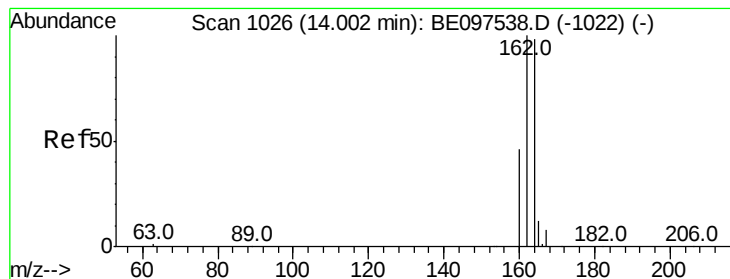
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.01 min Scan# 1029

Delta R.T. 0.01 min

Lab File: BE097606.D

Acq: 21 Sep 2018 11:43

Instrument :

BNA_E

ClientSampled :

PB112986BL

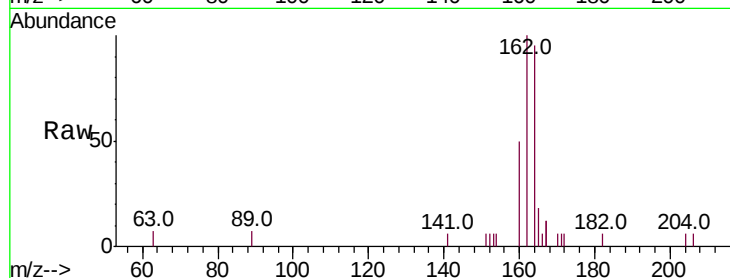
Tot Ion:164 Resp: 1922

Ion Ratio Lower Upper

164 100

162 105.3 83.1 124.7

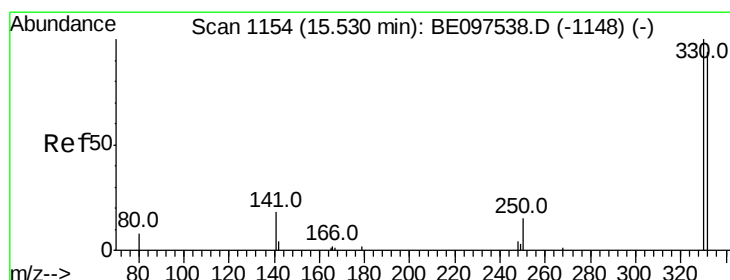
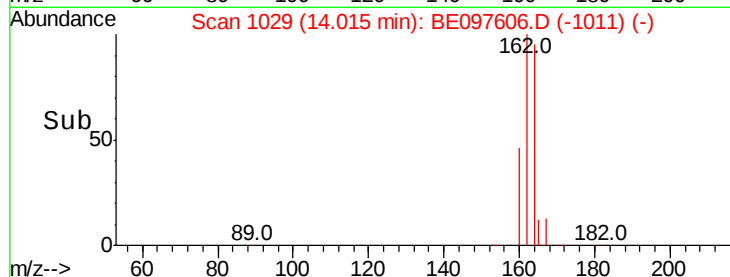
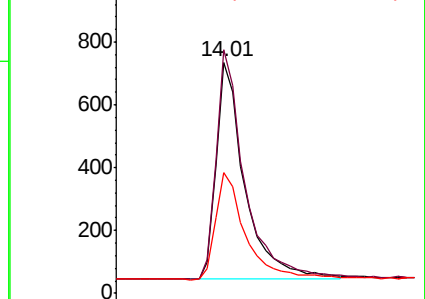
160 52.3 37.1 55.7



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: 0.222 ng

RT: 15.56 min Scan# 1159

Delta R.T. 0.04 min

Lab File: BE097606.D

Acq: 21 Sep 2018 11:43

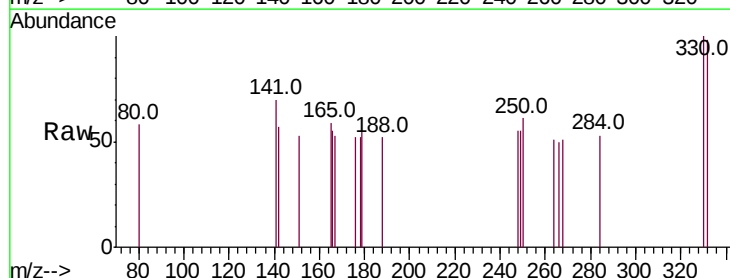
Tgt Ion:330 Resp: 115

Ion Ratio Lower Upper

330 100

332 93.9 152.7 229.1#

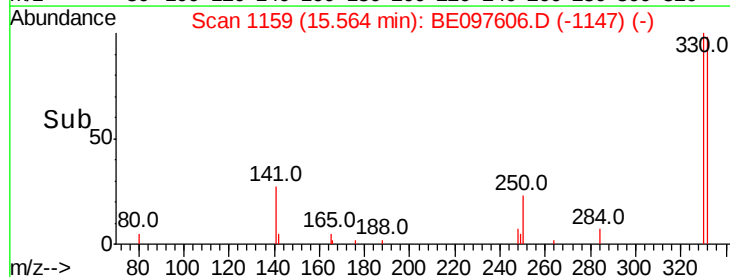
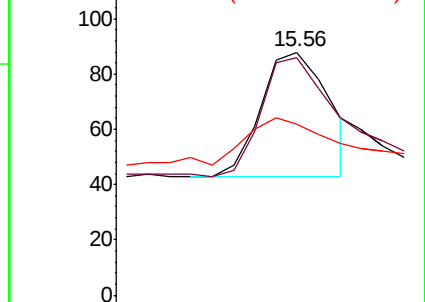
141 45.2 33.7 50.5

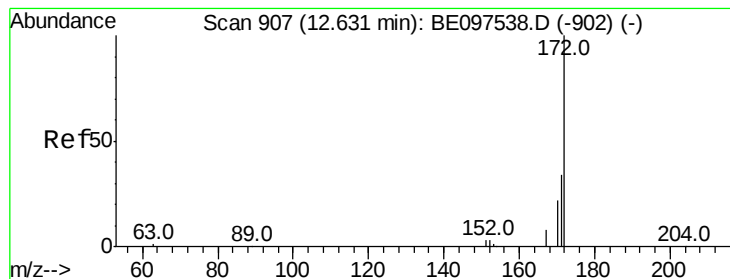


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.443 ng

RT: 12.66 min Scan# 911

Delta R.T. 0.03 min

Lab File: BE097606.D

Acq: 21 Sep 2018 11:43

Instrument :

BNA_E

ClientSampleId :

PB112986BL

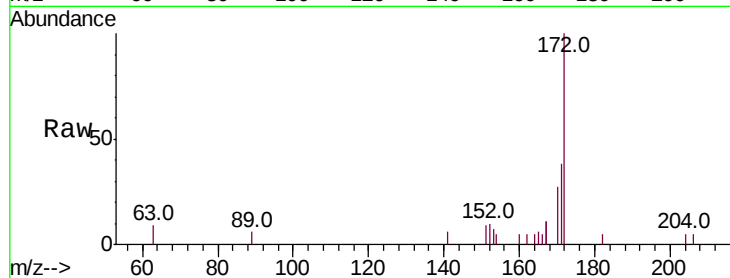
Tot Ion:172 Resp: 3009

Ion Ratio Lower Upper

172 100

171 37.8 29.9 44.9

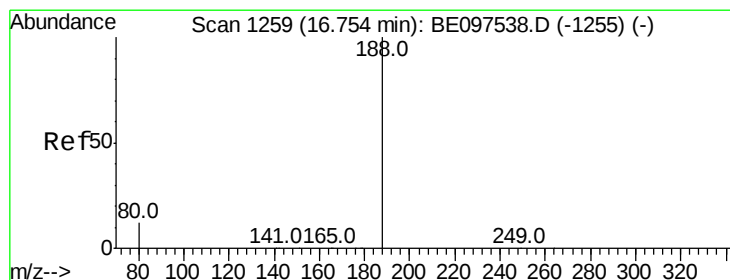
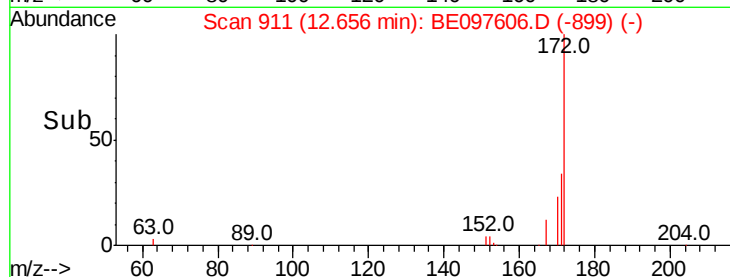
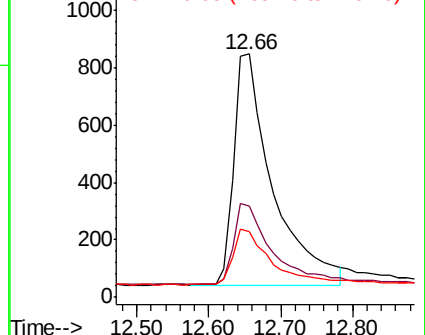
170 27.0 21.8 32.8



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: 16.78 min Scan# 1263

Delta R.T. 0.02 min

Lab File: BE097606.D

Acq: 21 Sep 2018 11:43

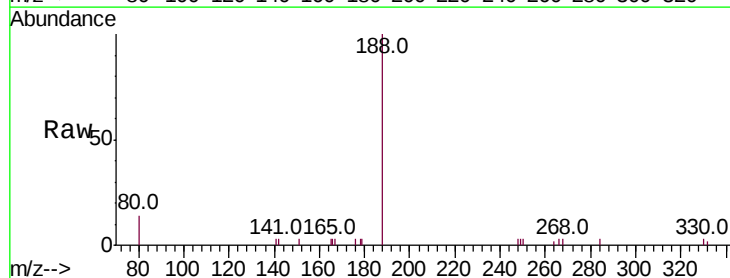
Tgt Ion:188 Resp: 4942

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

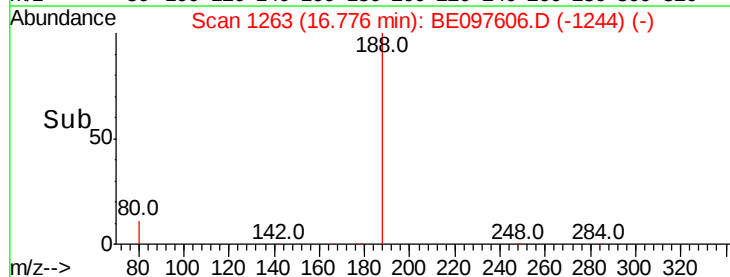
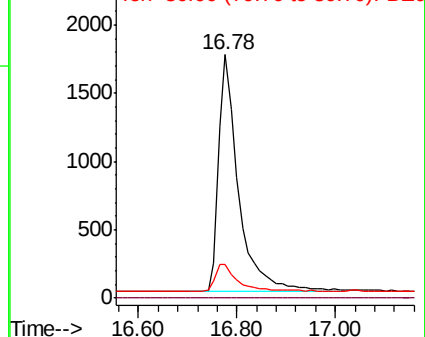
80 13.7 3.6 5.4#

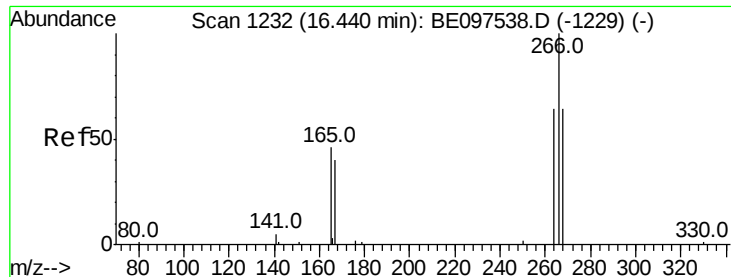


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



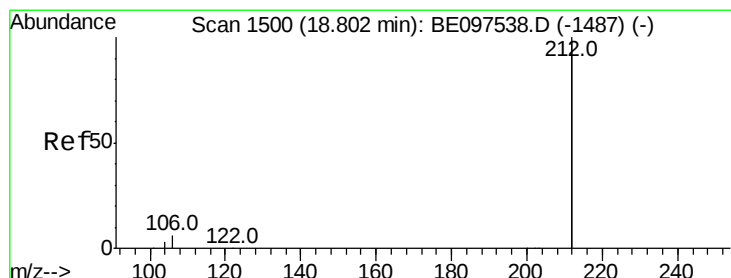
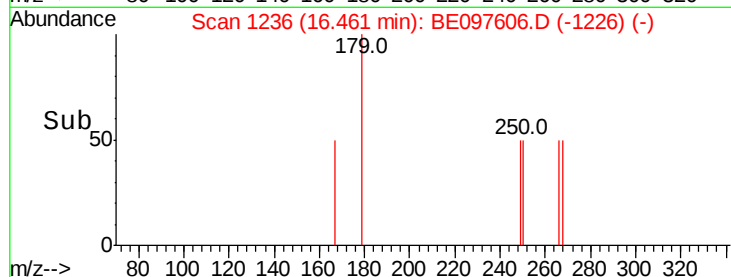
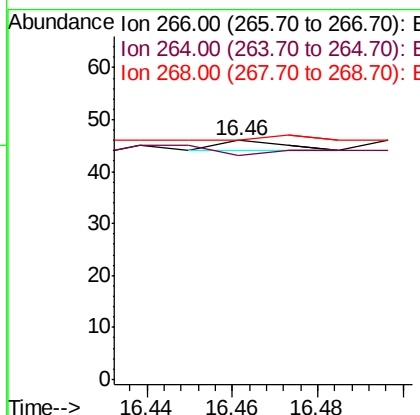
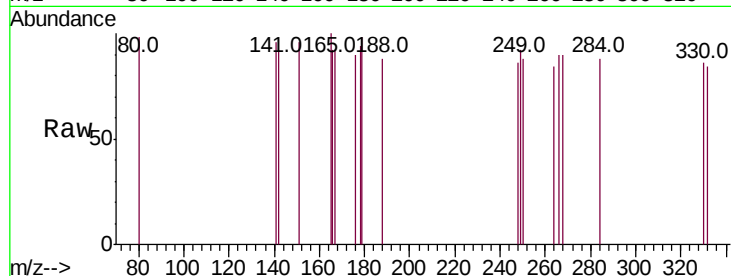


#22
 Pentachlorophenol
 Concen: 0.131 ng
 RT: 16.46 min Scan# 1236
 Delta R.T. 0.02 min
 Lab File: BE097606.D
 Acq: 21 Sep 2018 11:43

Instrument :
 BNA_E
 ClientSampleId :
 PB112986BL

Tot Ion:266 Resp: 2

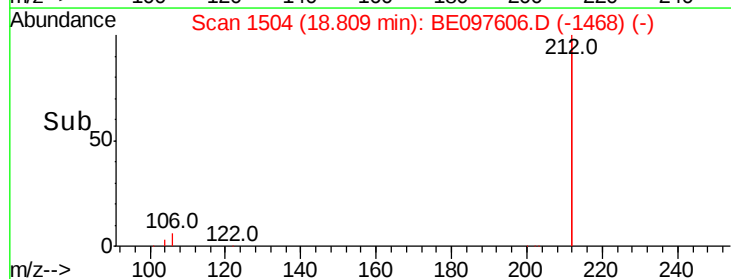
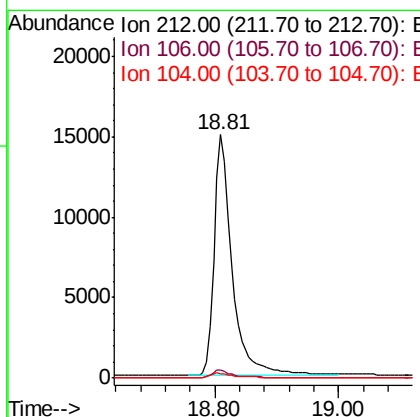
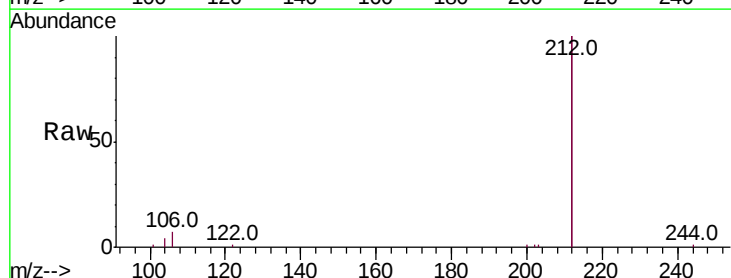
Ion	Ratio	Lower	Upper
266	100		
264	93.5	72.5	108.7
268	100.0	73.8	110.6



#25
 Fluoranthene-d10
 Concen: 0.475 ng
 RT: 18.81 min Scan# 1504
 Delta R.T. 0.01 min
 Lab File: BE097606.D
 Acq: 21 Sep 2018 11:43

Tgt Ion:212 Resp: 30029

Ion	Ratio	Lower	Upper
212	100		
106	3.1	2.8	4.2
104	1.8	1.6	2.4

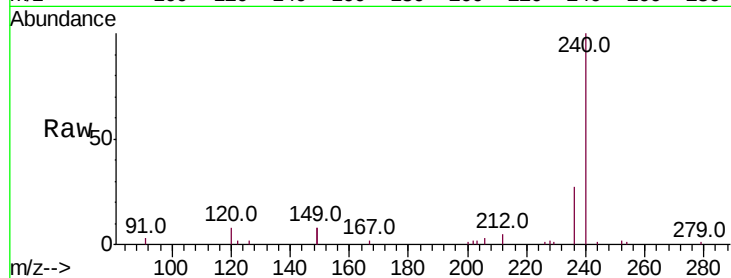




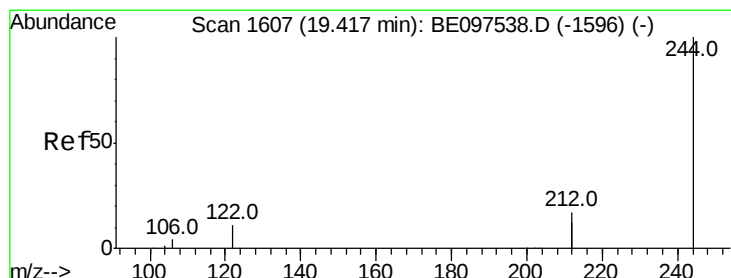
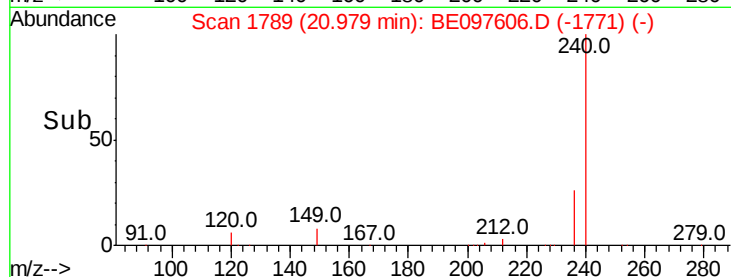
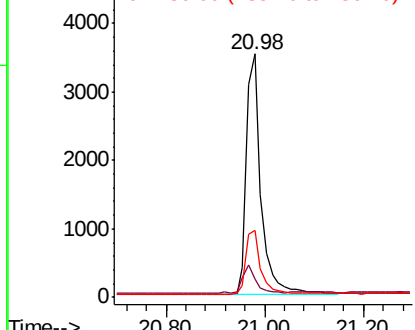
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.98 min Scan# 1789
Delta R.T. 0.01 min
Lab File: BE097606.D
Acq: 21 Sep 2018 11:43

Instrument :
BNA_E
ClientSampleId :
PB112986BL

Tot Ion:240 Resp: 7222
Ion Ratio Lower Upper
240 100
120 7.7 5.5 8.3
236 27.5 20.7 31.1

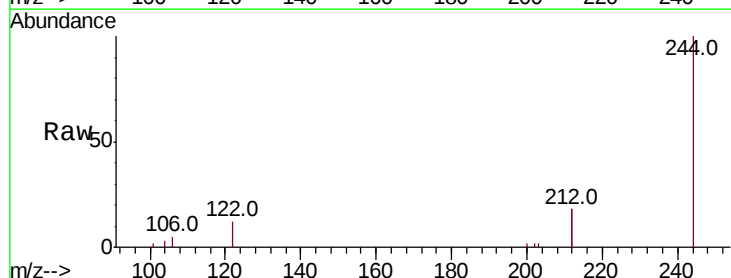


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

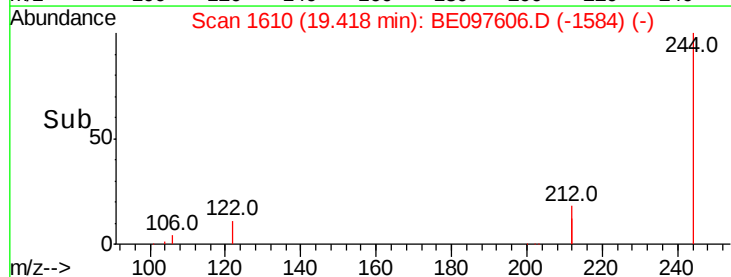
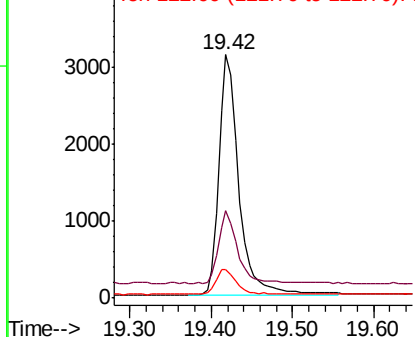


#29
Terphenyl-d14
Concen: 0.400 ng
RT: 19.42 min Scan# 1610
Delta R.T. 0.00 min
Lab File: BE097606.D
Acq: 21 Sep 2018 11:43

Tgt Ion:244 Resp: 5290
Ion Ratio Lower Upper
244 100
212 35.7 25.4 38.0
122 11.9 8.1 12.1



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: 20.91 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BE097606.D

Acq: 21 Sep 2018 11:43

Instrument :

BNA_E

ClientSampleId :

PB112986BL

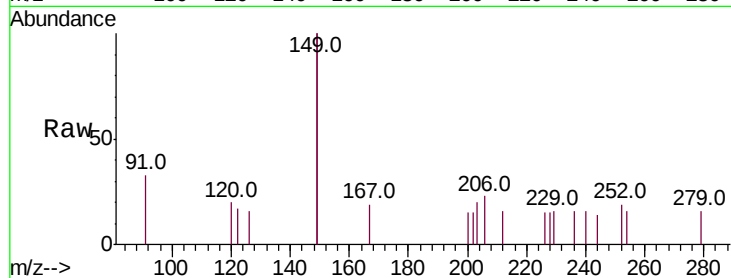
Tot Ion:149 Resp: 335

Ion Ratio Lower Upper

149 100

167 3.6 5.4 8.0#

279 0.0 0.7 1.1#



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

20.91

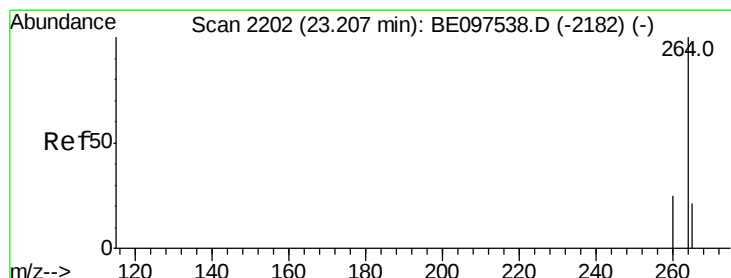
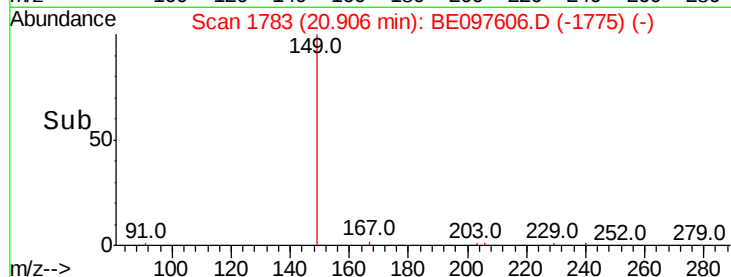
600

400

200

0

Time-->



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.21 min Scan# 2206

Delta R.T. 0.01 min

Lab File: BE097606.D

Acq: 21 Sep 2018 11:43

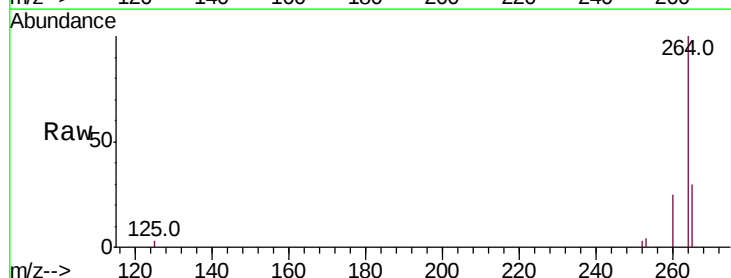
Tgt Ion:264 Resp: 7250

Ion Ratio Lower Upper

264 100

260 25.5 20.5 30.7

265 30.5 22.8 34.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

23.21

4000

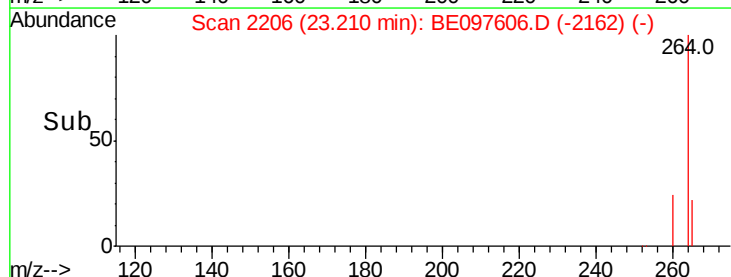
3000

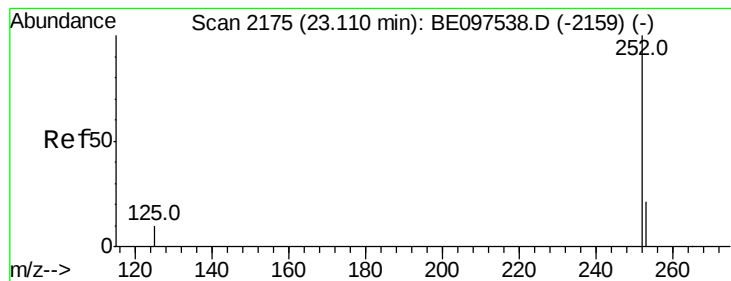
2000

1000

0

Time-->





#37

Benzo(a)pyrene

Concen: 0.021 ng

RT: 23.11 min Scan# 2179

Delta R.T. 0.01 min

Lab File: BE097606.D

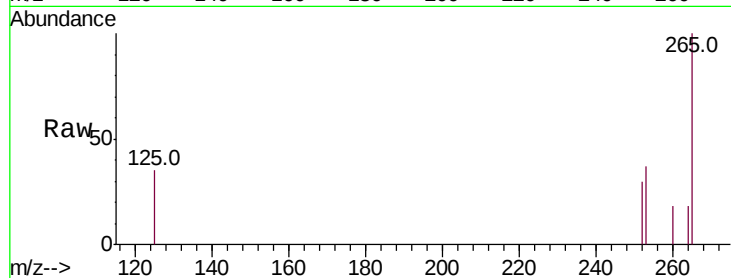
Acq: 21 Sep 2018 11:43

Instrument :

BNA_E

ClientSampleId :

PB112986BL



Tot Ion:	252	Resp:	2
Ion	Ratio	Lower	Upper
252	100		
253	122.0	16.0	24.0#
125	113.4	12.0	18.0#

