

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092118\
 Data File : BE097617.D
 Acq On : 21 Sep 2018 18:32
 Operator : SJ/JU
 Sample : PB112764TB
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 22 04:08:46 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

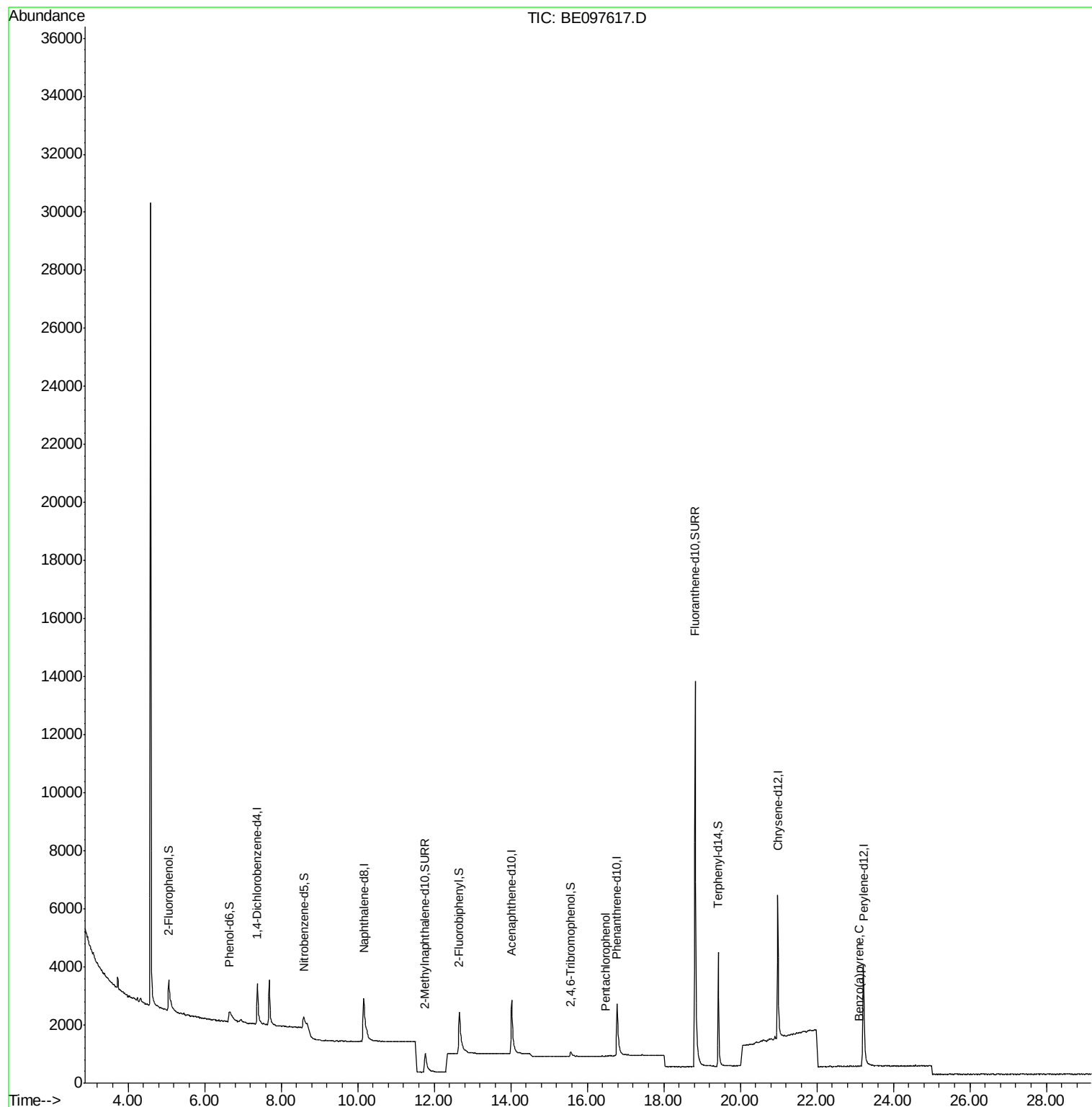
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	1006	0.40	ng	0.00
7) Naphthalene-d8	10.16	136	3920	0.40	ng	0.03
13) Acenaphthene-d10	14.03	164	2038	0.40	ng	0.02
19) Phenanthrene-d10	16.78	188	4991	0.40	ng	0.02
27) Chrysene-d12	20.98	240	6815	0.40	ng	0.01
34) Perylene-d12	23.22	264	6686	0.40	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.06	112	1155	0.38	ng	0.01
5) Phenol-d6	6.65	99	473	0.12	ng	0.05
8) Nitrobenzene-d5	8.59	82	795	0.26	ng	0.06
11) 2-Methylnaphthalene-d10	11.76	152	2394	0.44	ng	0.05
14) 2,4,6-Tribromophenol	15.56	330	164	0.26	ng	0.05
15) 2-Fluorobiphenyl	12.66	172	3255	0.45	ng	0.03
25) Fluoranthene-d10	18.82	212	27834	0.44	ng	0.01
29) Terphenyl-d14	19.42	244	4995	0.40	ng	0.00
Target Compounds						
22) Pentachlorophenol	16.47	266	3	0.132	ng	92
37) Benzo(a)pyrene	23.11	252	2	0.021	ng	# 1

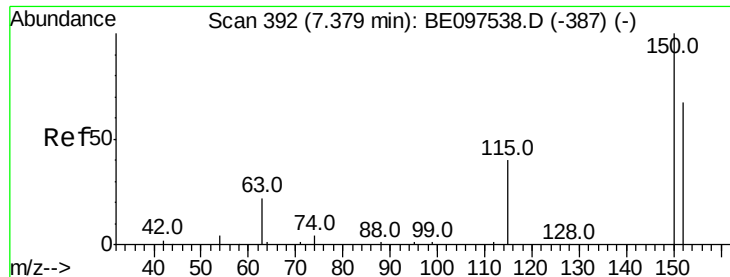
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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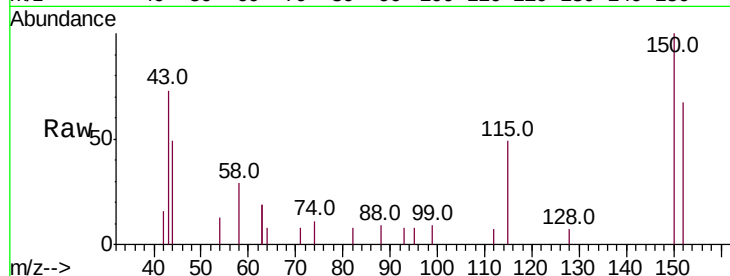


#1

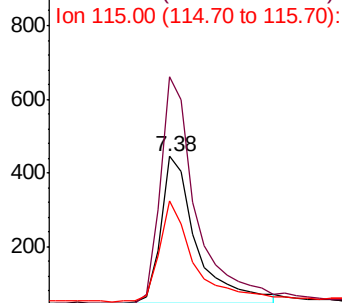
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. -0.00 min
Lab File: BE097617.D
Acq: 21 Sep 2018 18:32

Instrument :
BNA_E
ClientSampleId :

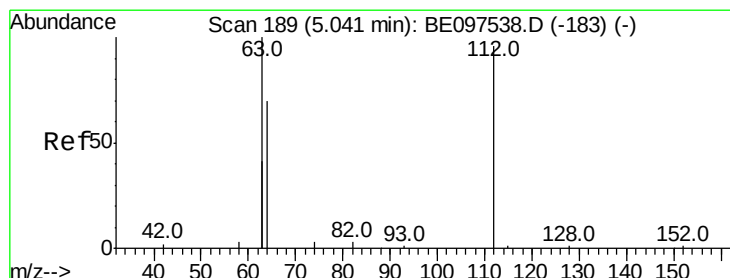
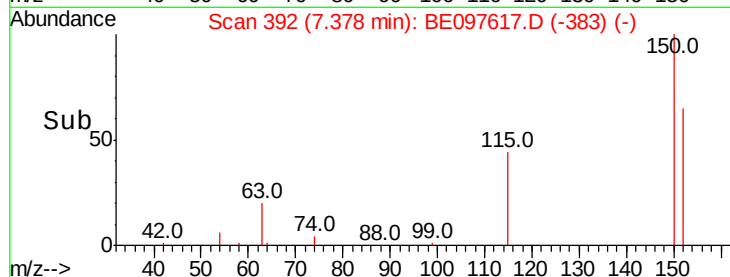
Tot Ion:152 Resp: 1006
Ion Ratio Lower Upper
152 100
150 148.5 117.2 175.8
115 73.0 57.0 85.6



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



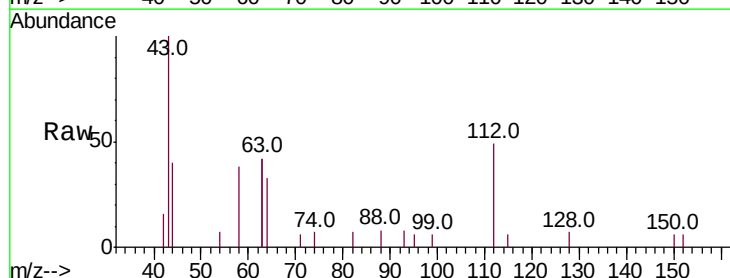
Time-->



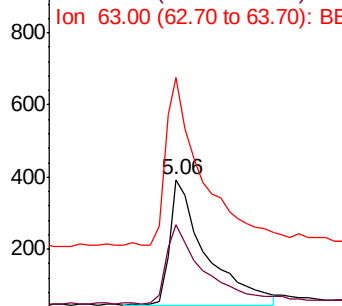
#4

2-Fluorophenol
Concen: 0.383 ng
RT: 5.06 min Scan# 191
Delta R.T. 0.01 min
Lab File: BE097617.D
Acq: 21 Sep 2018 18:32

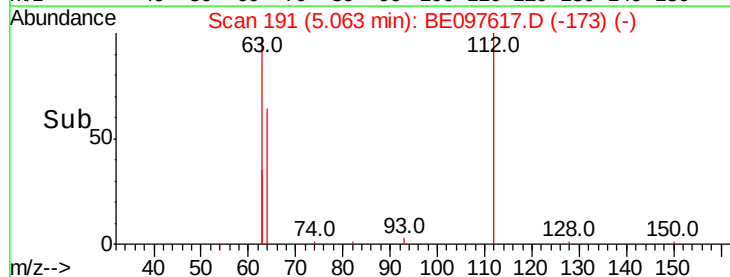
Tgt Ion:112 Resp: 1155
Ion Ratio Lower Upper
112 100
64 67.0 60.1 90.1
63 141.6 116.8 175.2

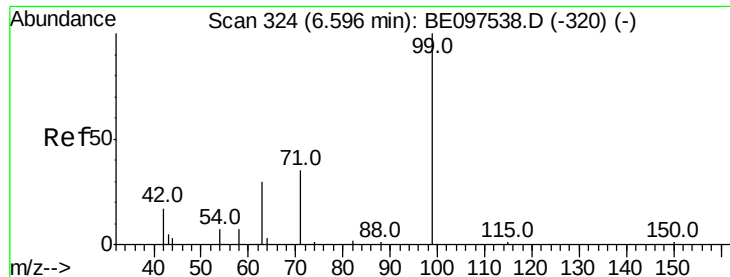


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0



Time-->





#5

Phenol-d6

Concen: 0.123 ng

RT: 6.65 min Scan# 329

Delta R.T. 0.05 min

Lab File: BE097617.D

Acq: 21 Sep 2018 18:32

Instrument :

BNA_E

ClientSampleId :

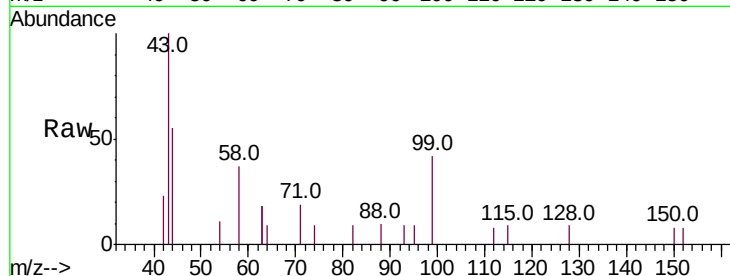
Tot Ion: 99 Resp: 473

Ion Ratio Lower Upper

99 100

42 0.0 20.2 30.2#

71 0.0 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

6.65

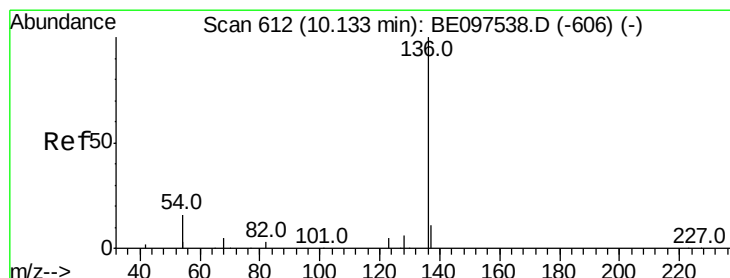
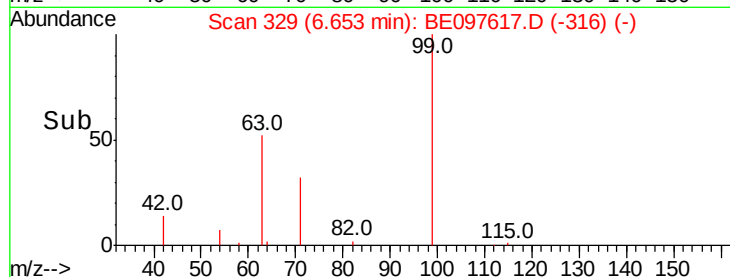
200

100

0

6.60 6.65

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.16 min Scan# 614

Delta R.T. 0.03 min

Lab File: BE097617.D

Acq: 21 Sep 2018 18:32

Tgt Ion: 136 Resp: 3920

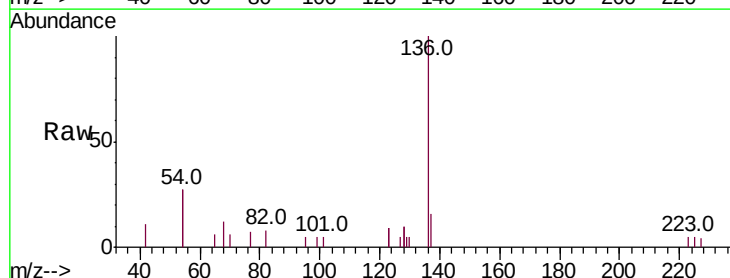
Ion Ratio Lower Upper

136 100

137 15.5 9.5 14.3#

54 53.3 29.1 43.7#

68 11.5 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

10.16

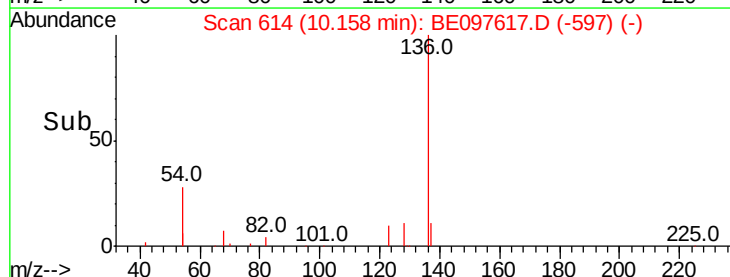
1000

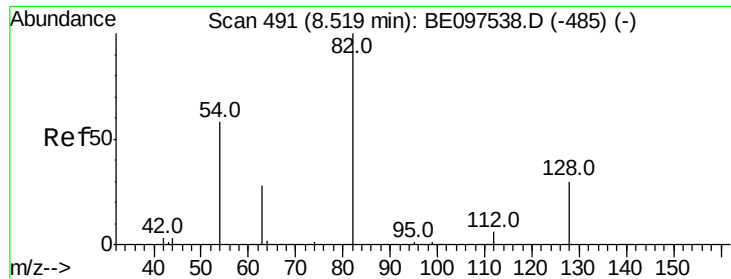
500

0

10.10 10.20 10.30

Time-->

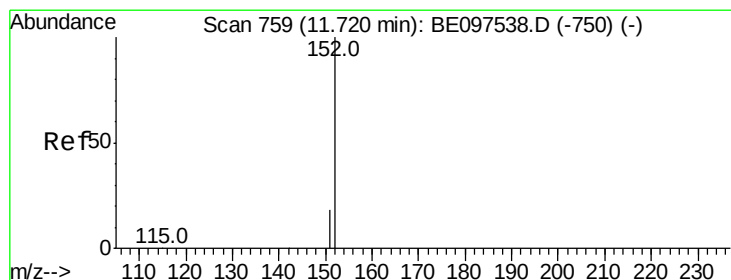
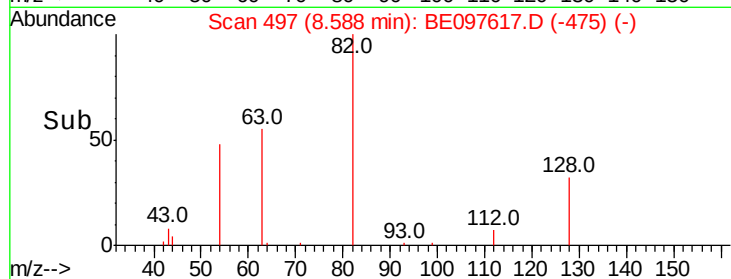
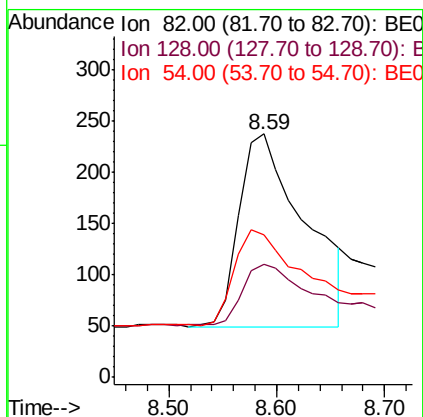
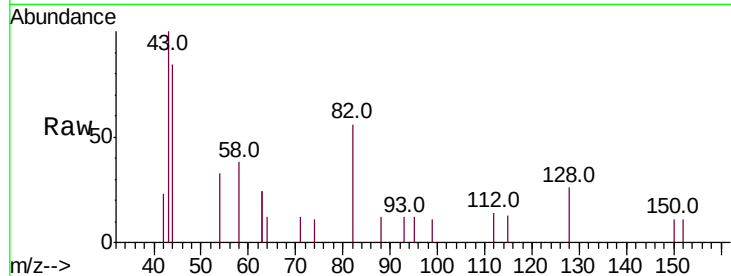




#8
 Nitrobenzene-d5
 Concen: 0.263 ng
 RT: 8.59 min Scan# 497
 Delta R.T. 0.06 min
 Lab File: BE097617.D
 Acq: 21 Sep 2018 18:32

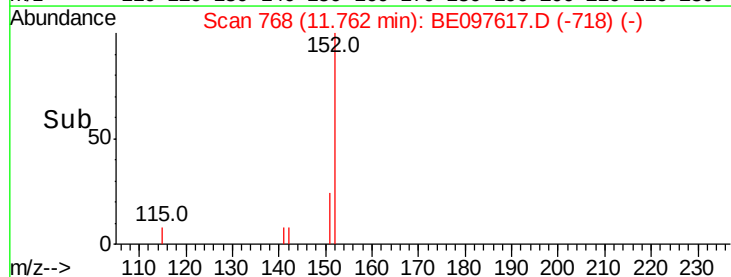
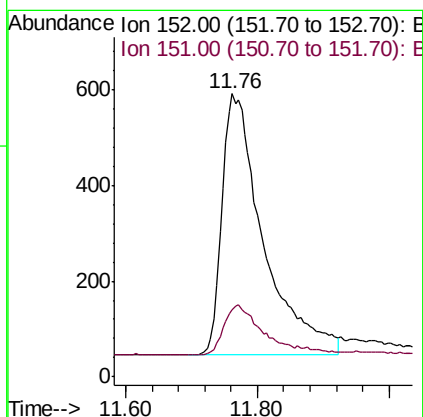
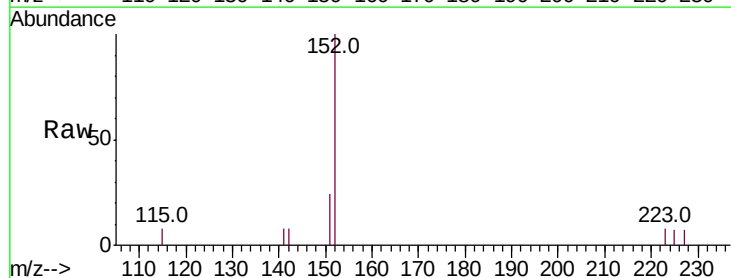
Instrument :
 BNA_E
 ClientSampleId :

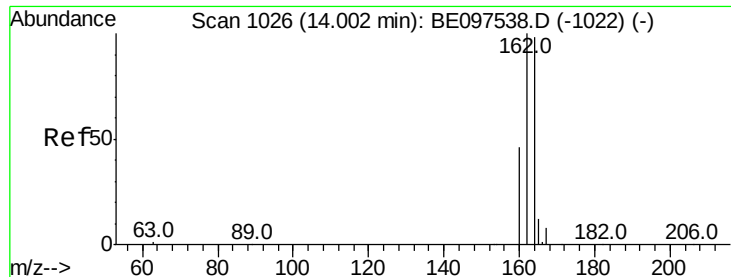
Tot Ion	Ratio	Lower	Upper
82	100		
128	46.4	24.0	36.0#
54	58.6	40.0	60.0



#11
 2-Methylnaphthalene-d10
 Concen: 0.443 ng
 RT: 11.76 min Scan# 768
 Delta R.T. 0.05 min
 Lab File: BE097617.D
 Acq: 21 Sep 2018 18:32

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.4	23.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.03 min Scan# 1029

Delta R.T. 0.02 min

Lab File: BE097617.D

Acq: 21 Sep 2018 18:32

Instrument :

BNA_E

ClientSampleId :

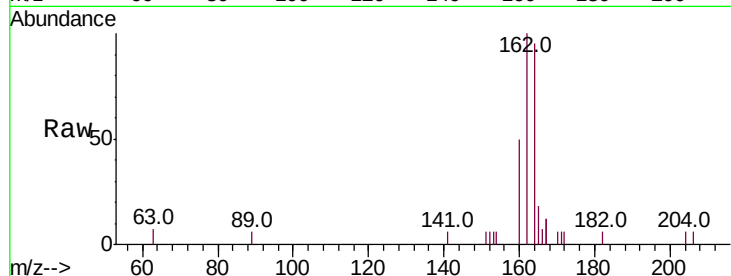
Tot Ion:164 Resp: 2038

Ion Ratio Lower Upper

164 100

162 105.0 83.1 124.7

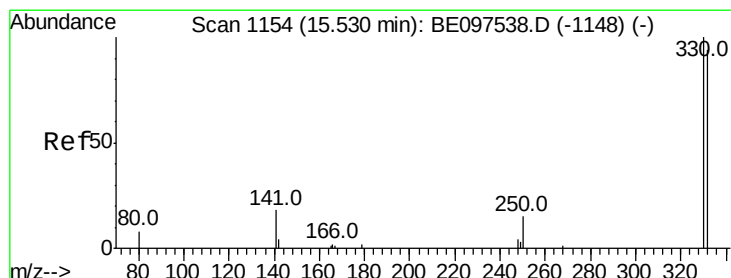
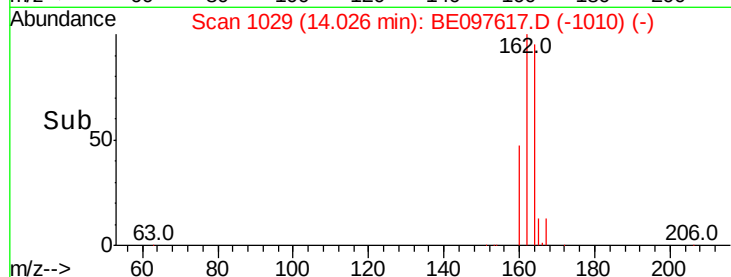
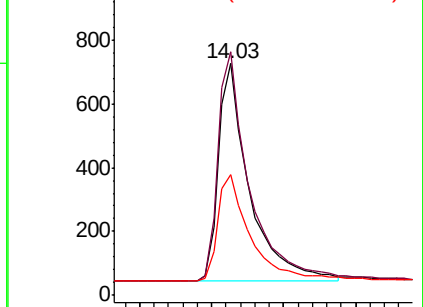
160 52.1 37.1 55.7



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: 0.263 ng

RT: 15.56 min Scan# 1158

Delta R.T. 0.05 min

Lab File: BE097617.D

Acq: 21 Sep 2018 18:32

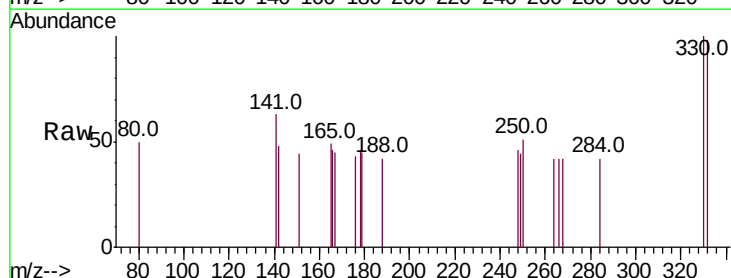
Tgt Ion:330 Resp: 164

Ion Ratio Lower Upper

330 100

332 91.5 152.7 229.1#

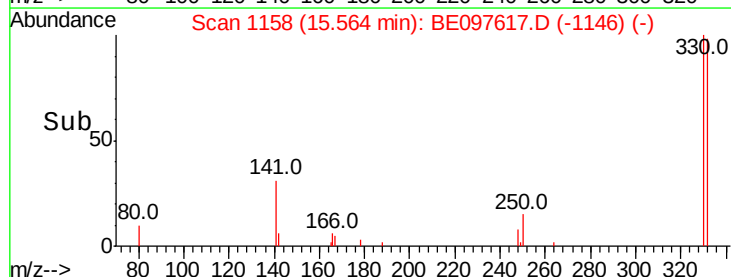
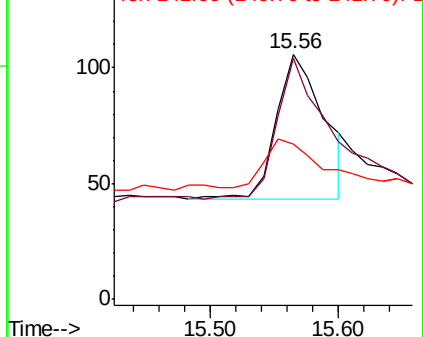
141 31.7 33.7 50.5#

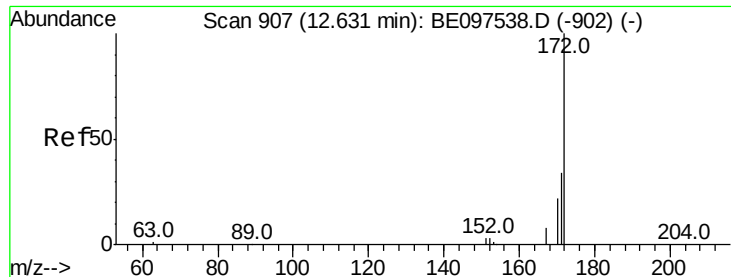


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

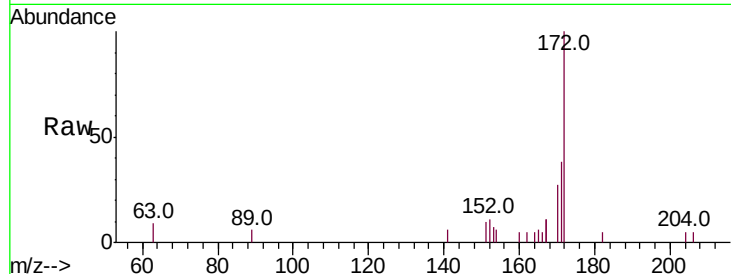




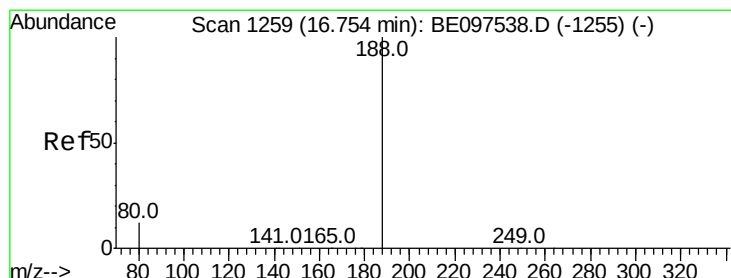
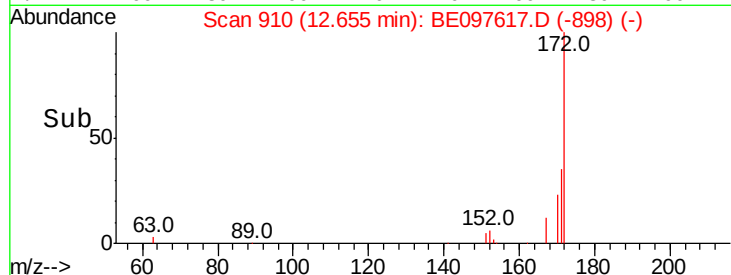
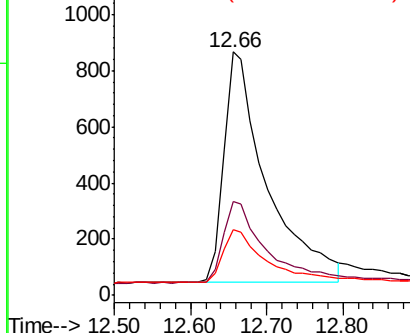
#15
2-Fluorobiphenyl
Concen: 0.452 ng
RT: 12.66 min Scan# 910
Delta R.T. 0.03 min
Lab File: BE097617.D
Acq: 21 Sep 2018 18:32

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 3255
Ion Ratio Lower Upper
172 100
171 38.4 29.9 44.9
170 27.2 21.8 32.8

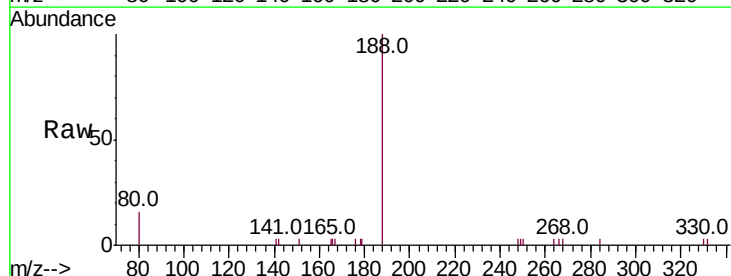


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

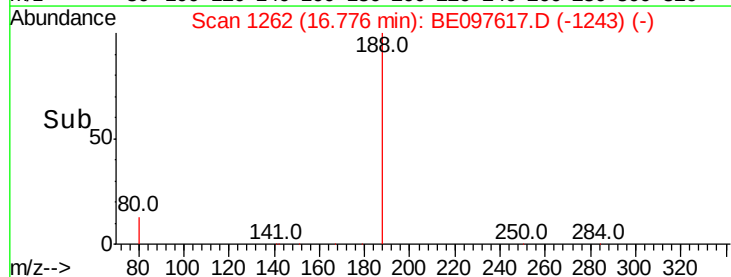
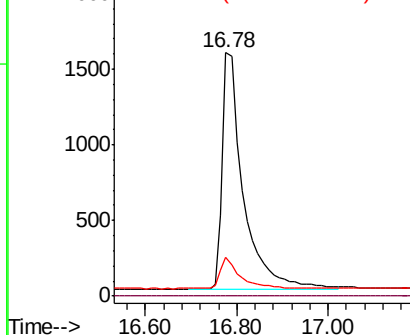


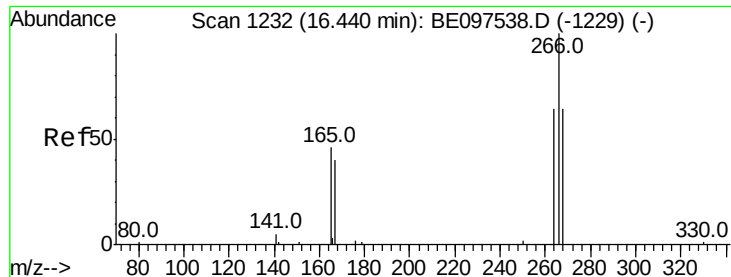
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.78 min Scan# 1262
Delta R.T. 0.02 min
Lab File: BE097617.D
Acq: 21 Sep 2018 18:32

Tgt Ion:188 Resp: 4991
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 16.2 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



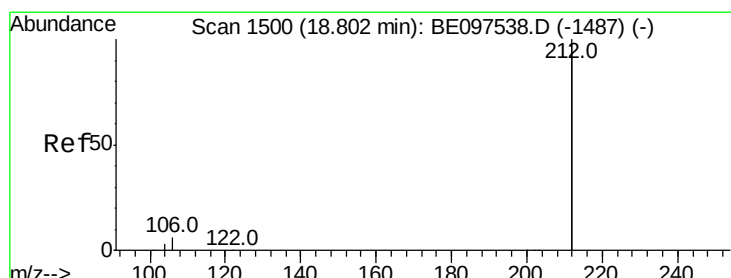
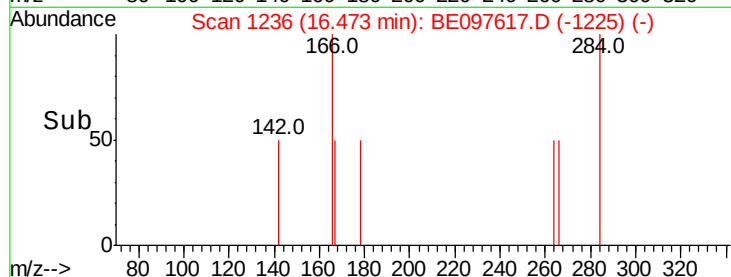
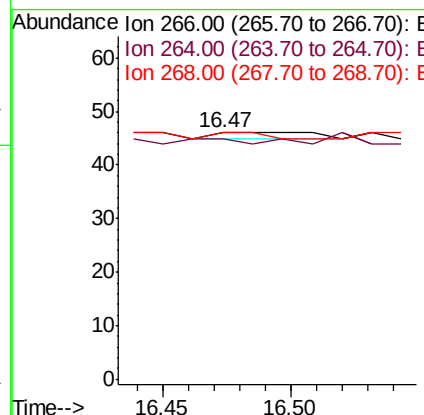
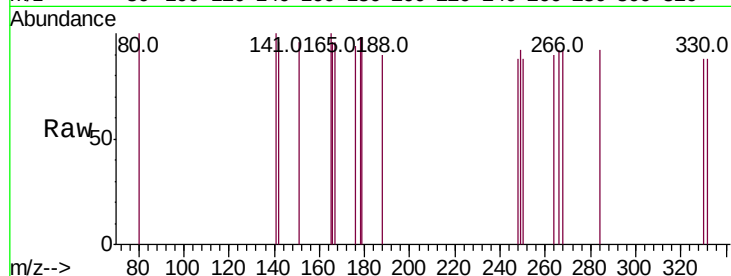


#22
 Pentachlorophenol
 Concen: 0.132 ng
 RT: 16.47 min Scan# 1236
 Delta R.T. 0.03 min
 Lab File: BE097617.D
 Acq: 21 Sep 2018 18:32

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:266 Resp: 3

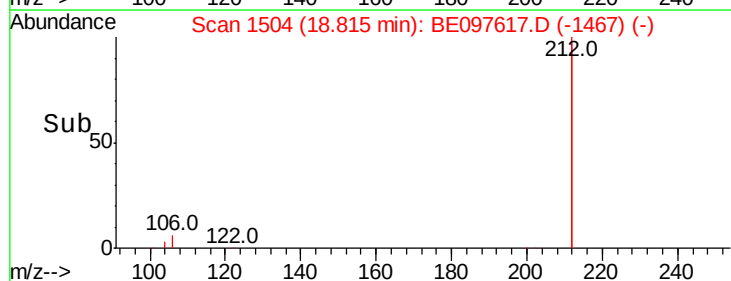
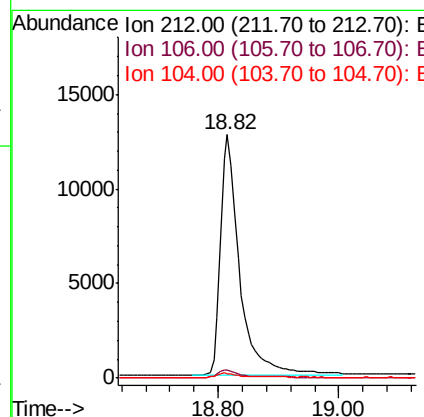
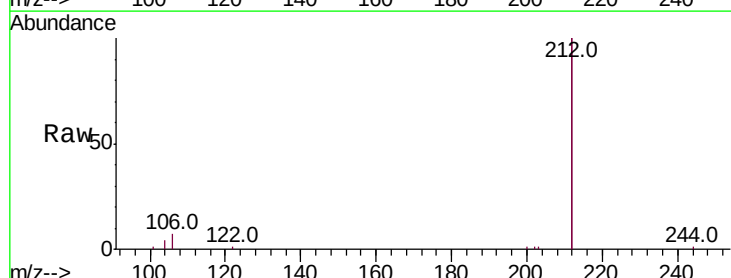
Ion	Ratio	Lower	Upper
266	100		
264	97.8	72.5	108.7
268	100.0	73.8	110.6

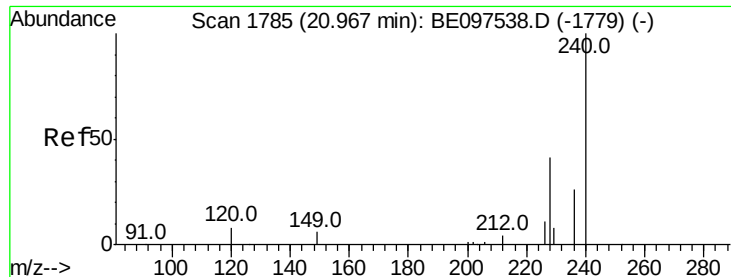


#25
 Fluoranthene-d10
 Concen: 0.436 ng
 RT: 18.82 min Scan# 1504
 Delta R.T. 0.01 min
 Lab File: BE097617.D
 Acq: 21 Sep 2018 18:32

Tgt Ion:212 Resp: 27834

Ion	Ratio	Lower	Upper
212	100		
106	3.2	2.8	4.2
104	1.7	1.6	2.4





#27

Chrysene-d12

Concen: 0.400 ng

RT: 20.98 min Scan# 1788

Delta R.T. 0.01 min

Lab File: BE097617.D

Acq: 21 Sep 2018 18:32

Instrument :

BNA_E

ClientSampleId :

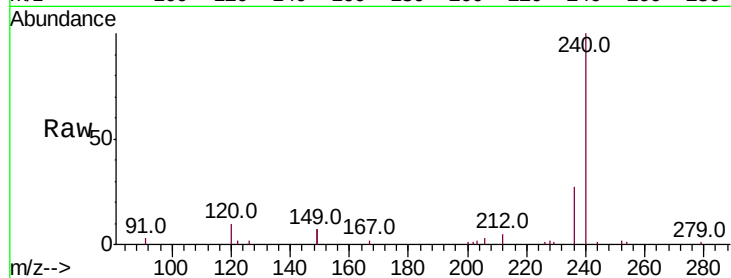
Tot Ion:240 Resp: 6815

Ion Ratio Lower Upper

240 100

120 9.7 5.5 8.3#

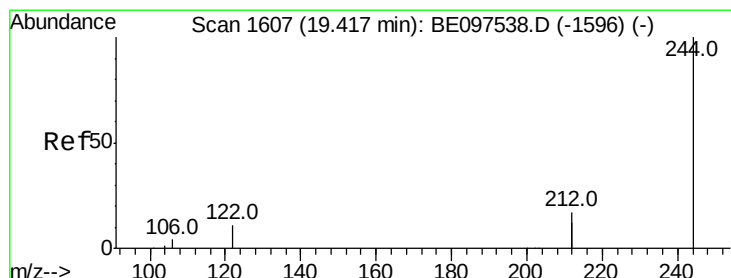
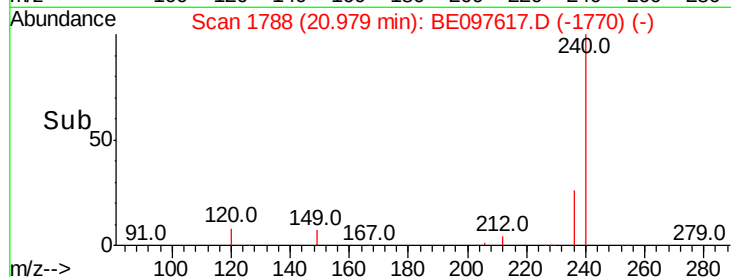
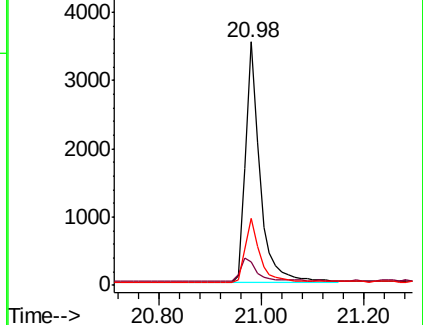
236 27.3 20.7 31.1



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. 0.01 min

Lab File: BE097617.D

Acq: 21 Sep 2018 18:32

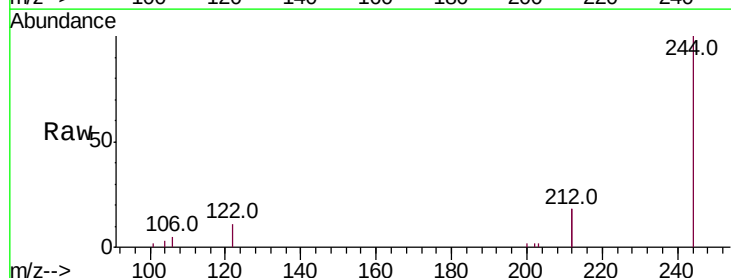
Tgt Ion:244 Resp: 4995

Ion Ratio Lower Upper

244 100

212 35.4 25.4 38.0

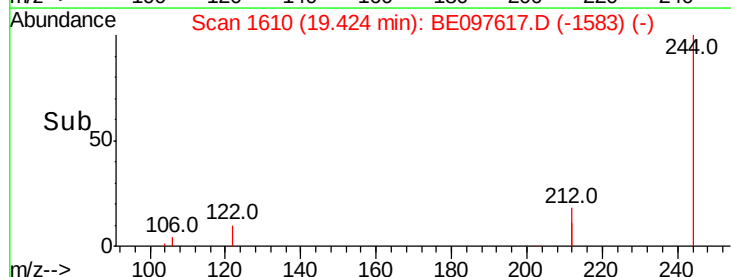
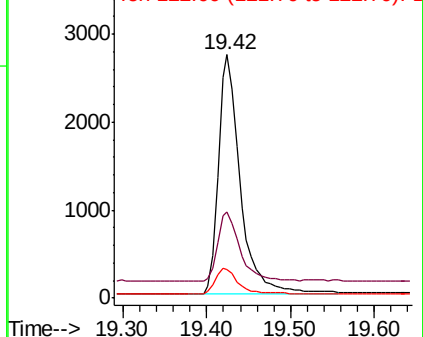
122 11.5 8.1 12.1

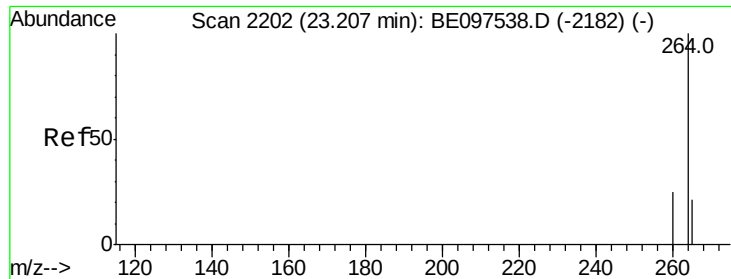


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

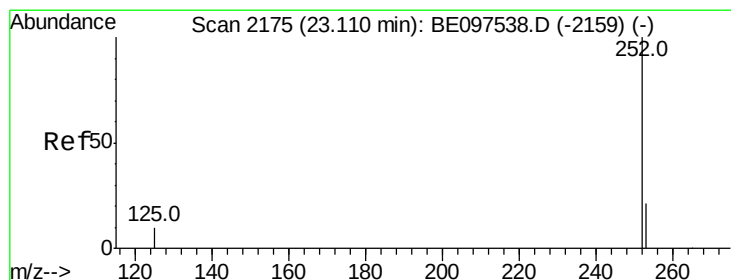
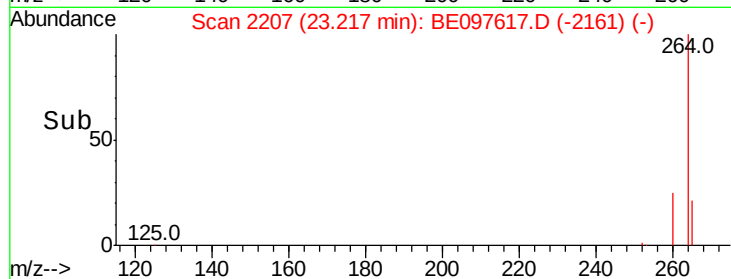
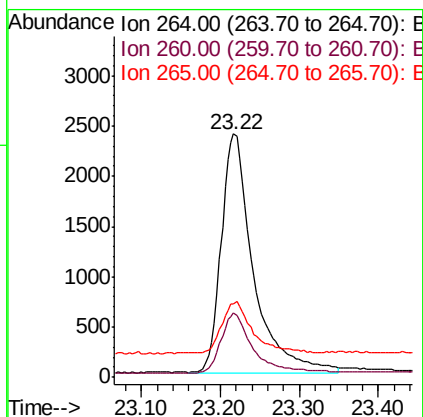
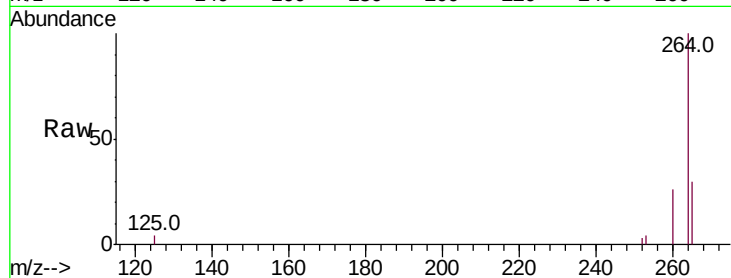




#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.22 min Scan# 2207
Delta R.T. 0.01 min
Lab File: BE097617.D
Acq: 21 Sep 2018 18:32

Instrument :
BNA_E
ClientSampleId :

Tot Ion:264 Resp: 6686
Ion Ratio Lower Upper
264 100
260 26.3 20.5 30.7
265 30.1 22.8 34.2



#37
Benzo(a)pyrene
Concen: 0.021 ng
RT: 23.11 min Scan# 2177
Delta R.T. 0.00 min
Lab File: BE097617.D
Acq: 21 Sep 2018 18:32

Tgt Ion:252 Resp: 2
Ion Ratio Lower Upper
252 100
253 128.8 16.0 24.0#
125 112.3 12.0 18.0#

