

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092118\
 Data File : BE097614.D
 Acq On : 21 Sep 2018 16:38
 Operator : SJ/JU
 Sample : PB112956BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB112956BL

Quant Time: Sep 22 04:08:14 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

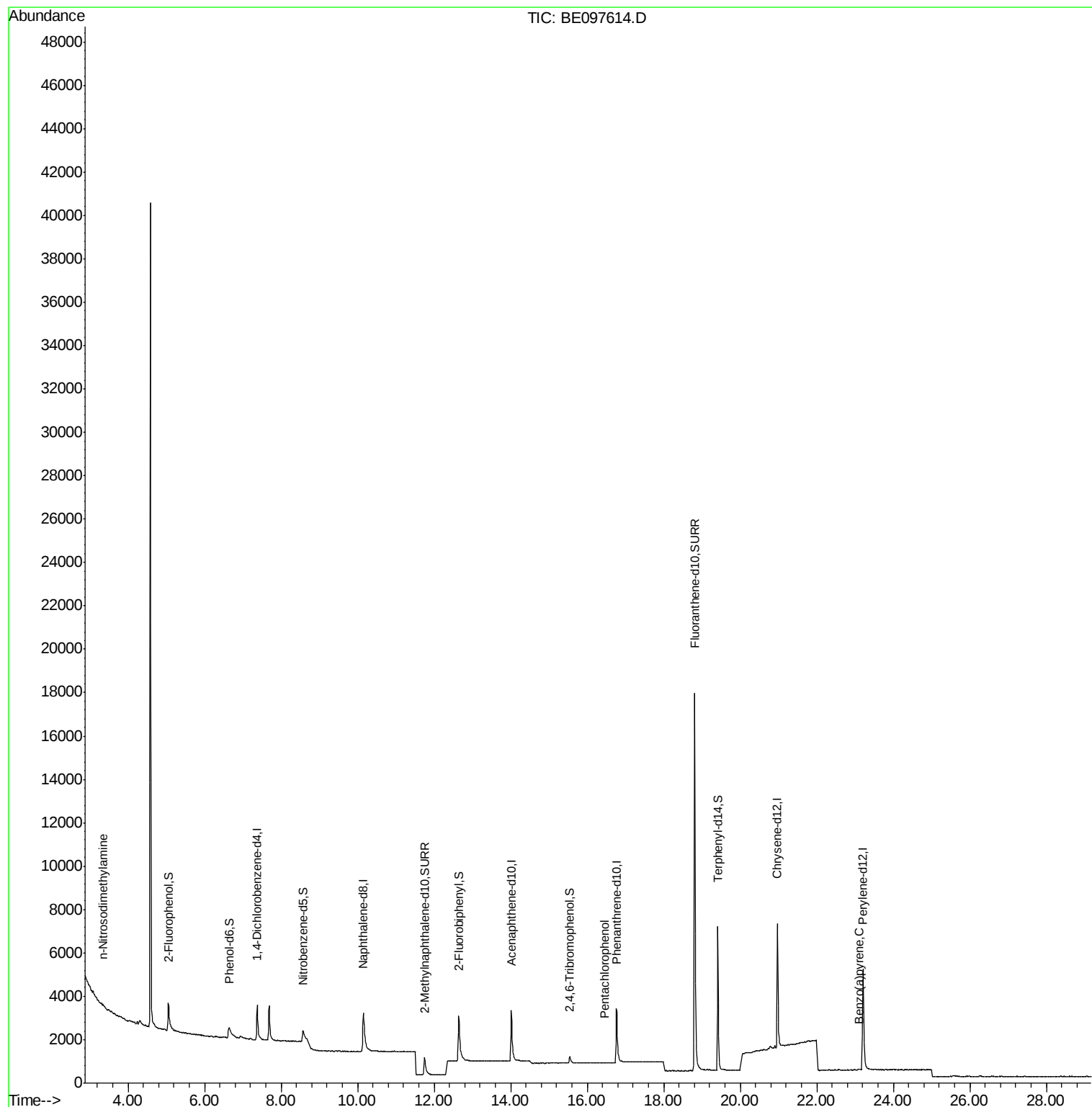
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	1014	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	4210	0.40	ng	0.01
13) Acenaphthene-d10	14.01	164	2205	0.40	ng	0.01
19) Phenanthrene-d10	16.77	188	5730	0.40	ng	0.01
27) Chrysene-d12	20.97	240	8040	0.40	ng	0.00
34) Perylene-d12	23.21	264	7993	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.06	112	1213	0.40	ng	0.01
5) Phenol-d6	6.64	99	763	0.20	ng	0.04
8) Nitrobenzene-d5	8.57	82	1086	0.33	ng	0.04
11) 2-Methylnaphthalene-d10	11.75	152	2411	0.42	ng	0.03
14) 2,4,6-Tribromophenol	15.54	330	271	0.35	ng	0.02
15) 2-Fluorobiphenyl	12.64	172	3881	0.50	ng	0.02
25) Fluoranthene-d10	18.81	212	31060	0.42	ng	0.00
29) Terphenyl-d14	19.42	244	6825	0.46	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.34	42	102	0.083	ng	# 5
22) Pentachlorophenol	16.45	266	6	0.134	ng	# 91
37) Benzo(a)pyrene	23.10	252	17	0.021	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092118\
Data File : BE097614.D
Acq On : 21 Sep 2018 16:38
Operator : SJ/JU
Sample : PB112956BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB112956BL

Quant Time: Sep 22 04:08:14 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



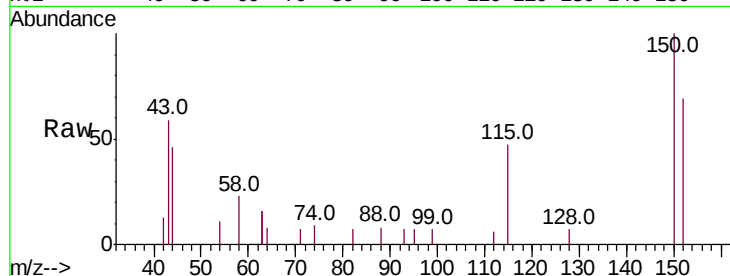


#1

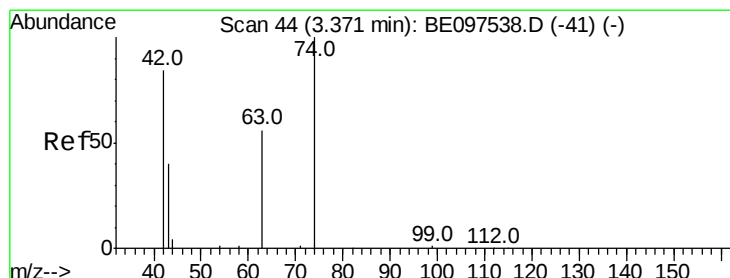
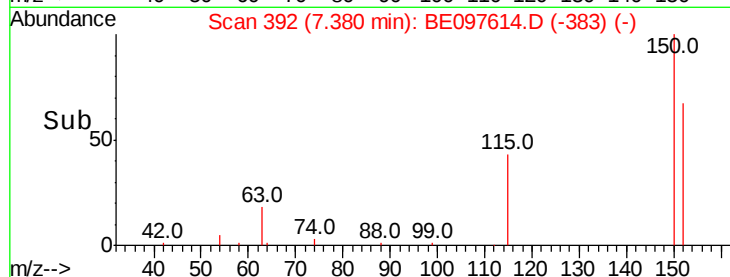
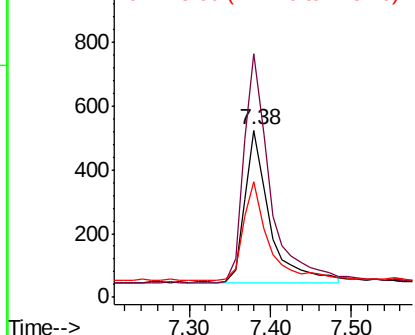
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.38 min Scan# 392
 Delta R.T. 0.00 min
 Lab File: BE097614.D
 Acq: 21 Sep 2018 16:38

Instrument :
 BNA_E
 ClientSampleId :
 PB112956BL

Tot Ion:152 Resp: 1014
 Ion Ratio Lower Upper
 152 100
 150 145.5 117.2 175.8
 115 69.0 57.0 85.6



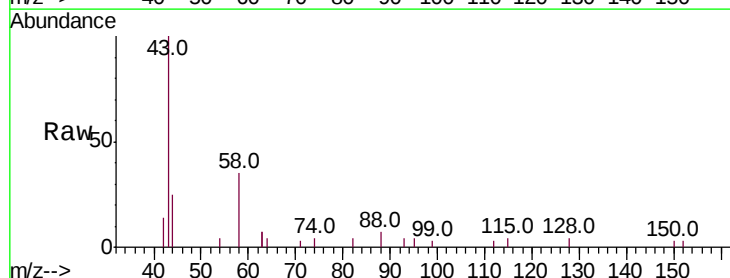
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



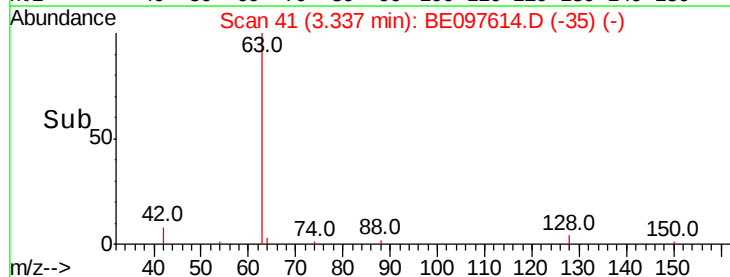
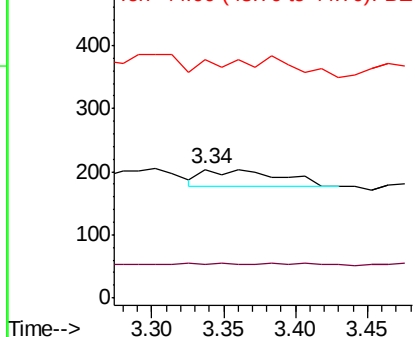
#3

n-Nitrosodimethylamine
 Concen: 0.083 ng
 RT: 3.34 min Scan# 41
 Delta R.T. -0.03 min
 Lab File: BE097614.D
 Acq: 21 Sep 2018 16:38

Tgt Ion: 42 Resp: 102
 Ion Ratio Lower Upper
 42 100
 74 5.9 96.0 144.0#
 44 0.0 12.0 18.0#



Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 0.399 ng

RT: 5.06 min Scan# 191

Delta R.T. 0.01 min

Lab File: BE097614.D

Acq: 21 Sep 2018 16:38

Instrument :

BNA_E

ClientSampleId :

PB112956BL

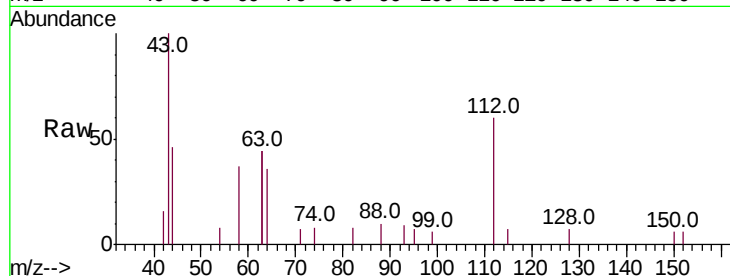
Tot Ion: 112 Resp: 1213

Ion Ratio Lower Upper

112 100

64 65.7 60.1 90.1

63 141.3 116.8 175.2

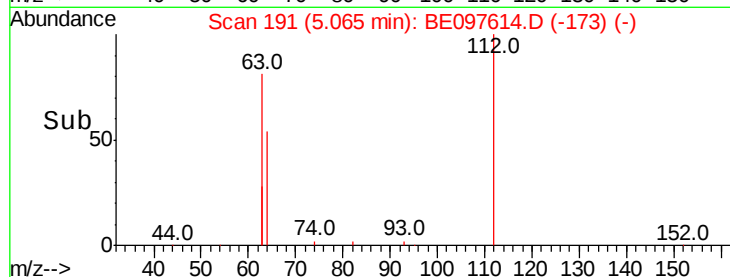


Abundance Ion 112.00 (111.70 to 112.70): BE0

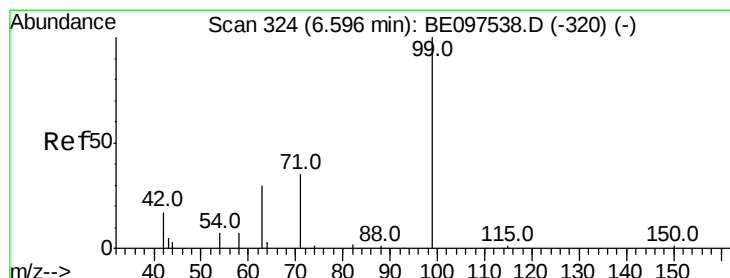
Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Time-->



Time-->



#5

Phenol-d6

Concen: 0.196 ng

RT: 6.64 min Scan# 328

Delta R.T. 0.04 min

Lab File: BE097614.D

Acq: 21 Sep 2018 16:38

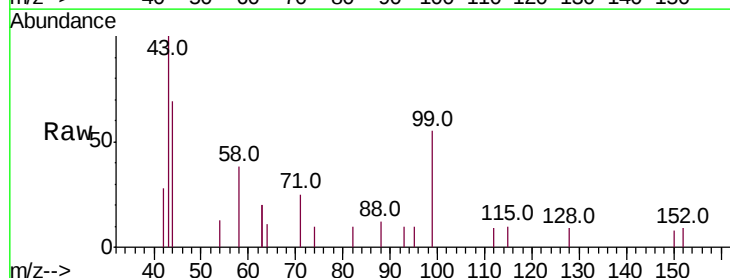
Tgt Ion: 99 Resp: 763

Ion Ratio Lower Upper

99 100

42 18.2 20.2 30.2#

71 36.8 28.4 42.6

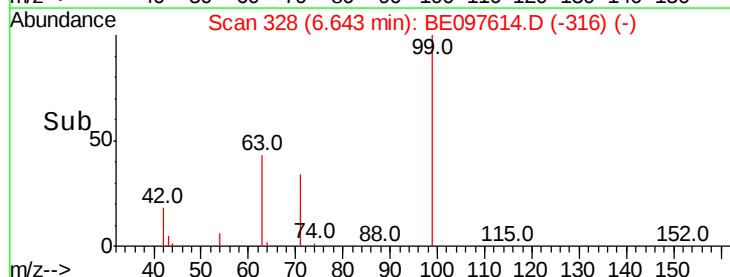


Abundance Ion 99.00 (98.70 to 99.70): BE0

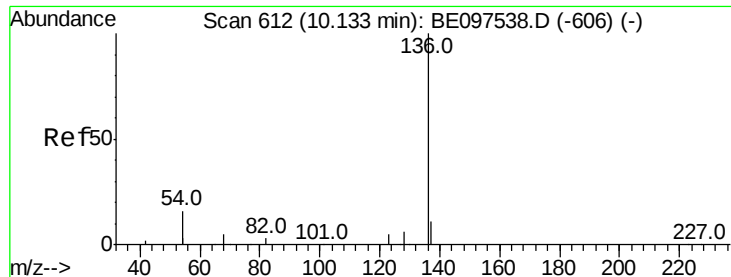
Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

Time-->



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 613

Delta R.T. 0.01 min

Lab File: BE097614.D

Acq: 21 Sep 2018 16:38

Instrument :

BNA_E

ClientSampleId :

PB112956BL

Tot Ion:136 Resp: 4210

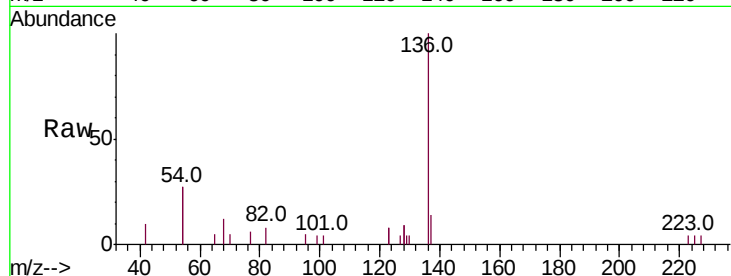
Ion Ratio Lower Upper

136 100

137 14.4 9.5 14.3#

54 54.5 29.1 43.7#

68 12.3 6.2 9.2#

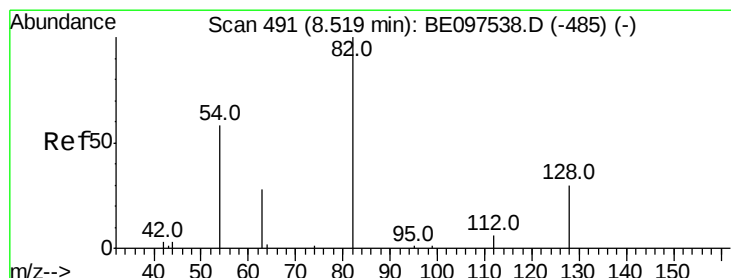
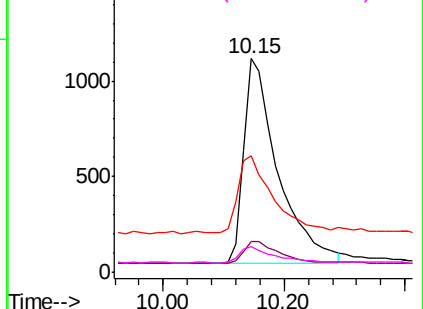
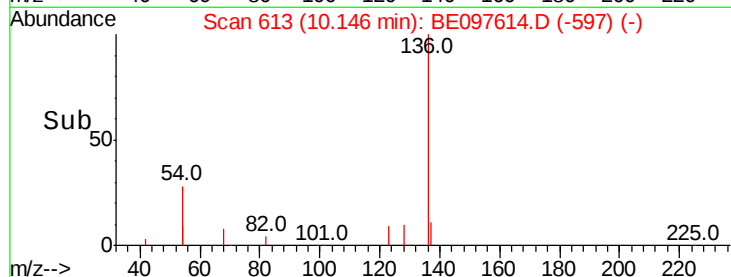


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 0.334 ng

RT: 8.57 min Scan# 495

Delta R.T. 0.04 min

Lab File: BE097614.D

Acq: 21 Sep 2018 16:38

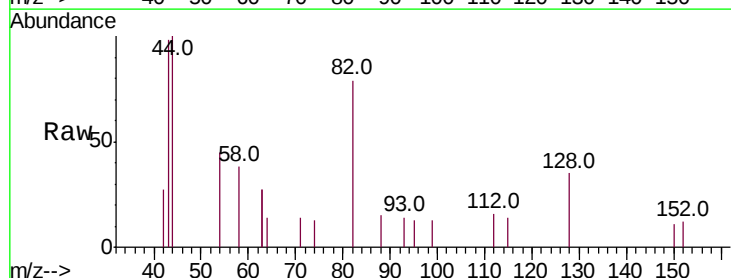
Tgt Ion: 82 Resp: 1086

Ion Ratio Lower Upper

82 100

128 44.0 24.0 36.0#

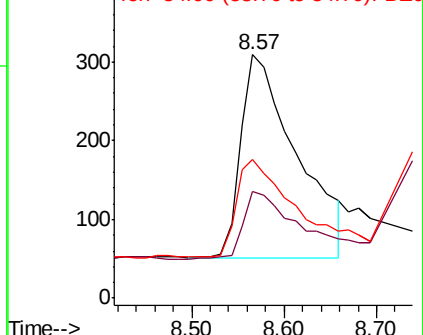
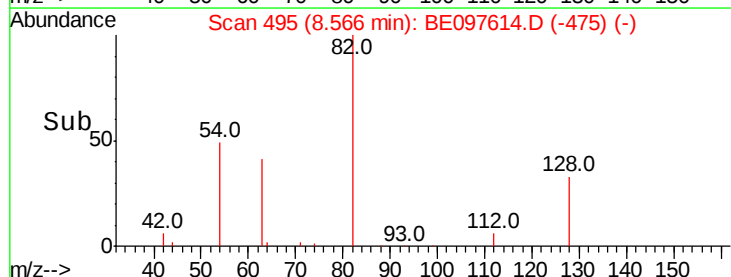
54 57.3 40.0 60.0

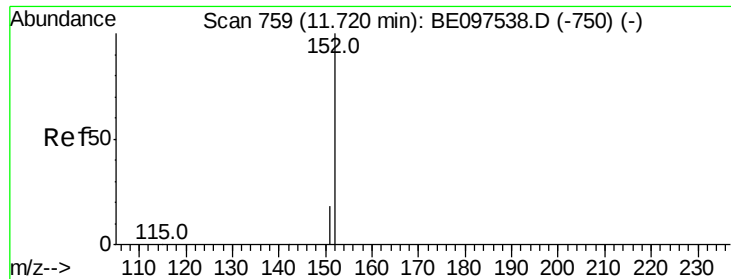


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

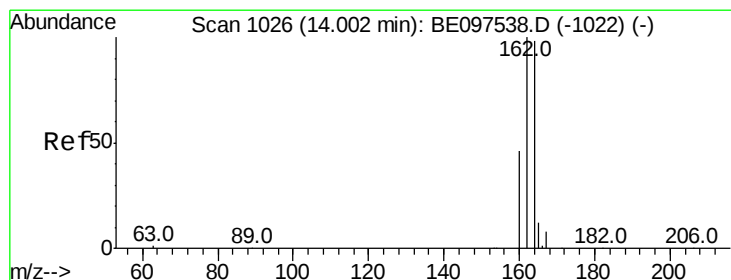
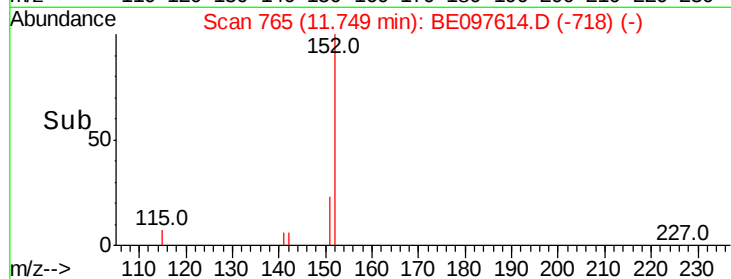
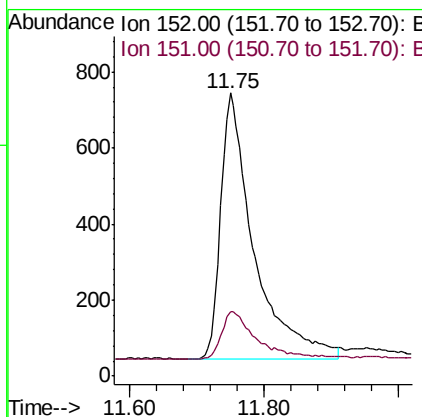
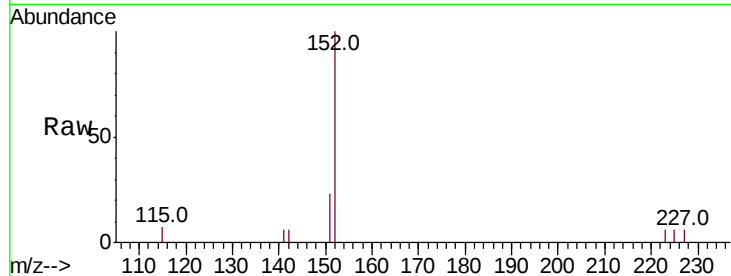




#11
2-Methylnaphthalene-d10
Concen: 0.415 ng
RT: 11.75 min Scan# 765
Delta R.T. 0.03 min
Lab File: BE097614.D
Acq: 21 Sep 2018 16:38

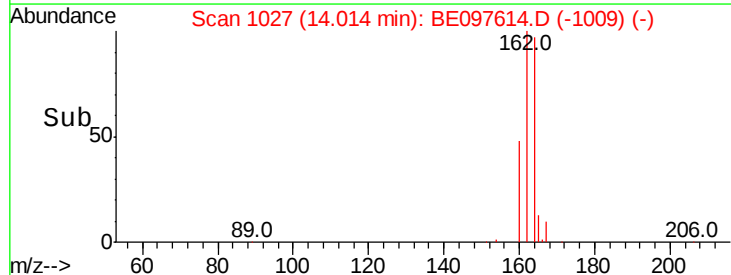
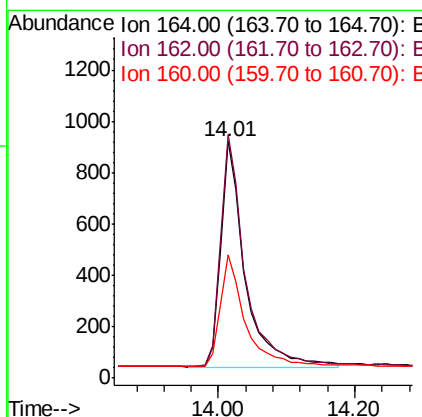
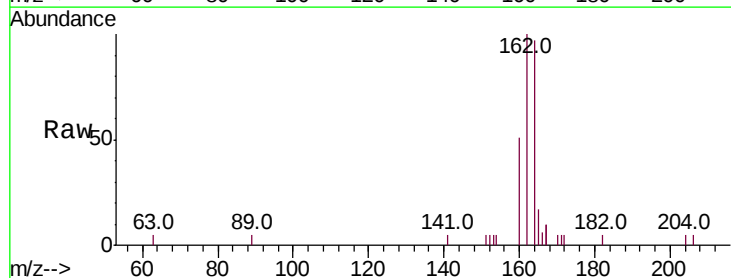
Instrument :
BNA_E
ClientSampleId :
PB112956BL

Tot Ion:152 Resp: 2411
Ion Ratio Lower Upper
152 100
151 18.7 15.4 23.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BE097614.D
Acq: 21 Sep 2018 16:38

Tgt Ion:164 Resp: 2205
Ion Ratio Lower Upper
164 100
162 102.8 83.1 124.7
160 52.1 37.1 55.7

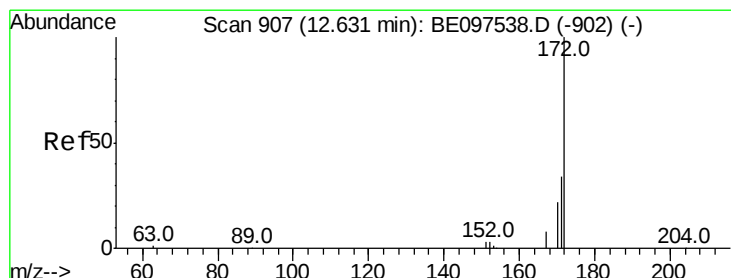
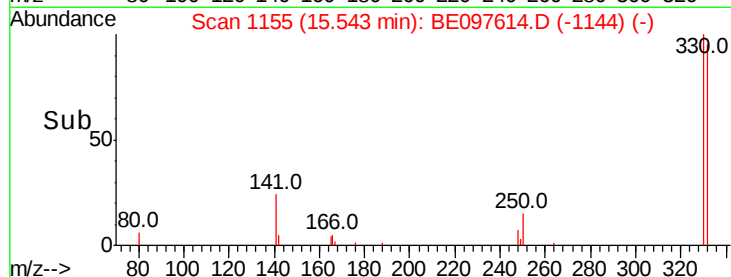
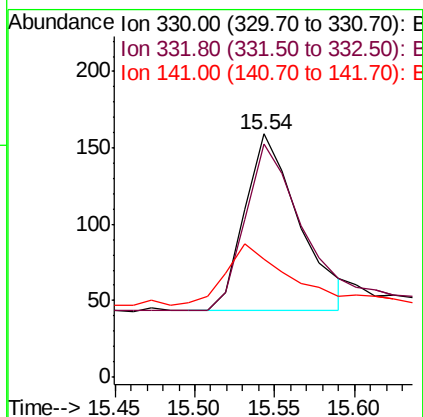
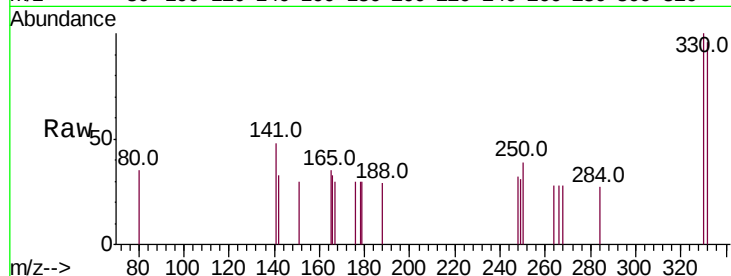




#14
 2,4,6-Tribromophenol
 Concen: 0.347 ng
 RT: 15.54 min Scan# 1155
 Delta R.T. 0.02 min
 Lab File: BE097614.D
 Acq: 21 Sep 2018 16:38

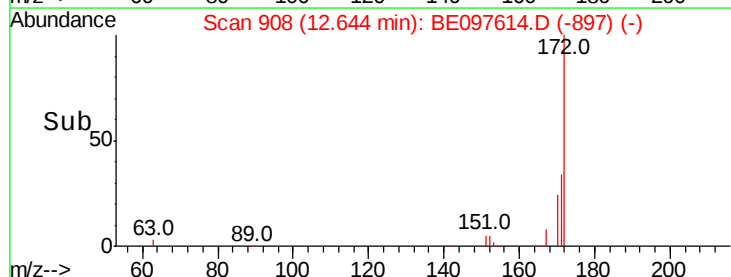
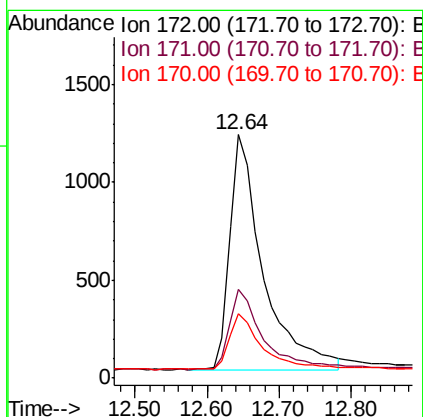
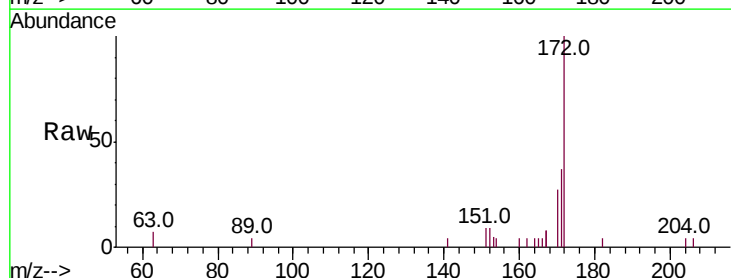
Instrument :
 BNA_E
 ClientSampleId :
 PB112956BL

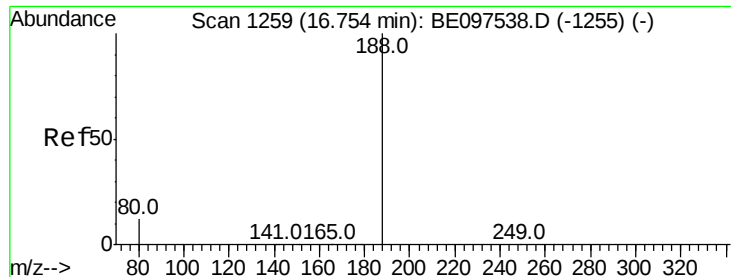
Tot Ion:330 Resp: 271
 Ion Ratio Lower Upper
 330 100
 332 97.4 152.7 229.1#
 141 40.2 33.7 50.5



#15
 2-Fluorobiphenyl
 Concen: 0.498 ng
 RT: 12.64 min Scan# 908
 Delta R.T. 0.02 min
 Lab File: BE097614.D
 Acq: 21 Sep 2018 16:38

Tgt Ion:172 Resp: 3881
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.9 44.9
 170 26.5 21.8 32.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: BE097614.D

Acq: 21 Sep 2018 16:38

Instrument :

BNA_E

ClientSampleId :

PB112956BL

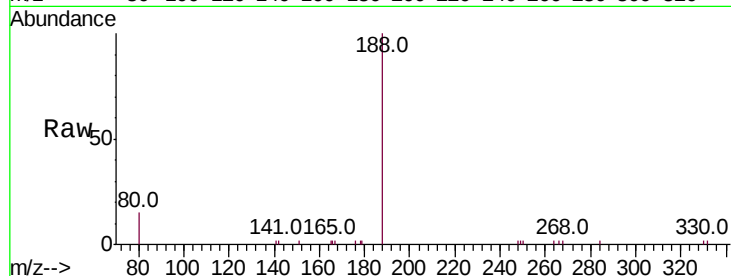
Tot Ion:188 Resp: 5730

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

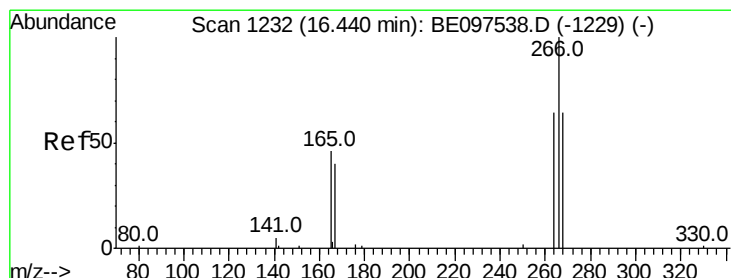
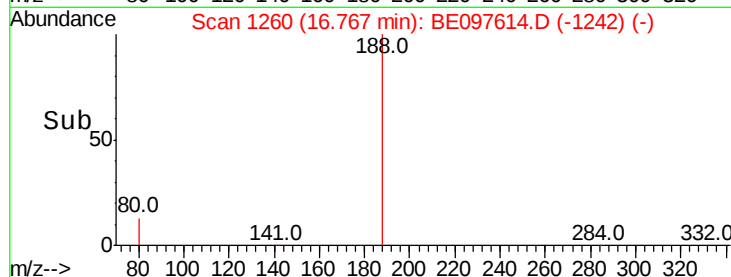
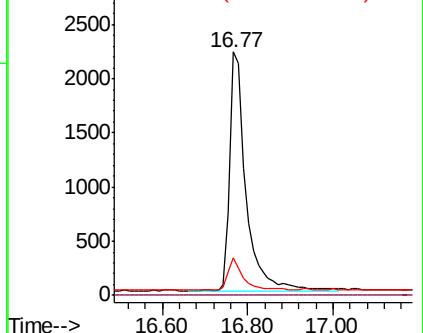
80 15.3 3.6 5.4#



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: 0.134 ng

RT: 16.45 min Scan# 1233

Delta R.T. 0.01 min

Lab File: BE097614.D

Acq: 21 Sep 2018 16:38

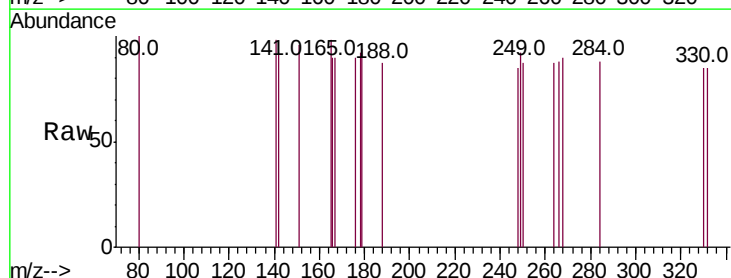
Tgt Ion:266 Resp: 6

Ion Ratio Lower Upper

266 100

264 97.8 72.5 108.7

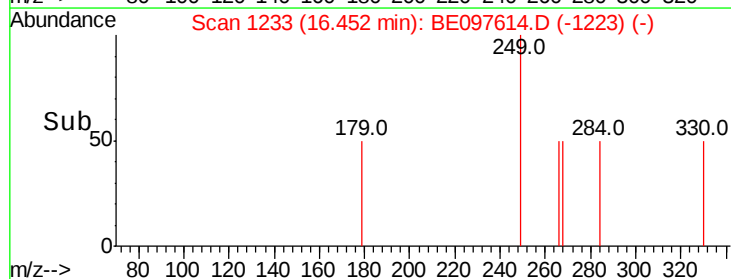
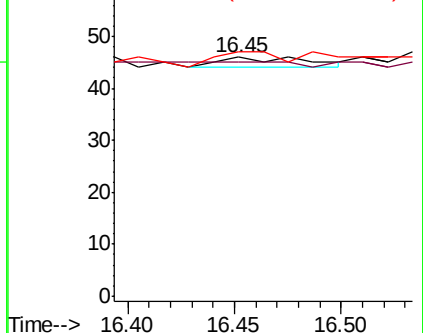
268 102.2 73.8 110.6

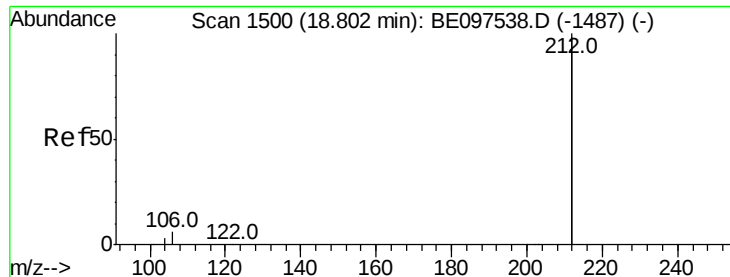


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.423 ng

RT: 18.81 min Scan# 1501

Delta R.T. 0.00 min

Lab File: BE097614.D

Acq: 21 Sep 2018 16:38

Instrument :

BNA_E

ClientSampleId :

PB112956BL

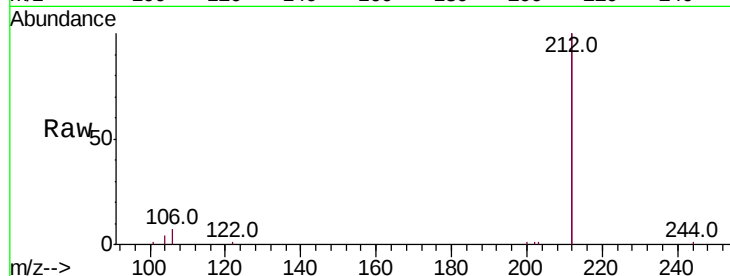
Tot Ion:212 Resp: 31060

Ion Ratio Lower Upper

212 100

106 3.2 2.8 4.2

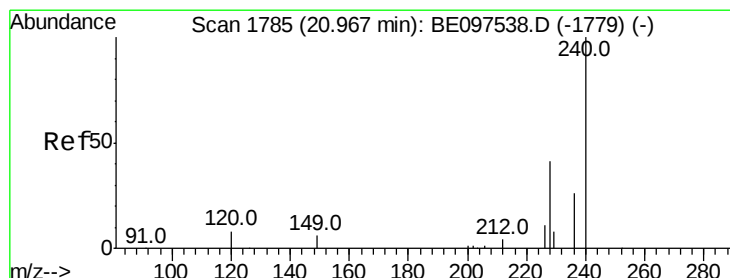
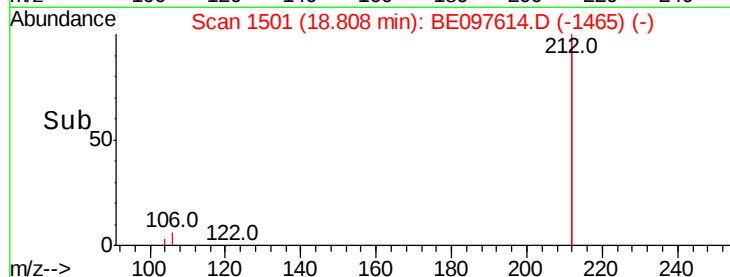
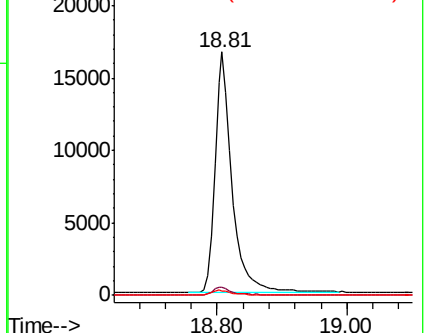
104 1.8 1.6 2.4



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: 20.97 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BE097614.D

Acq: 21 Sep 2018 16:38

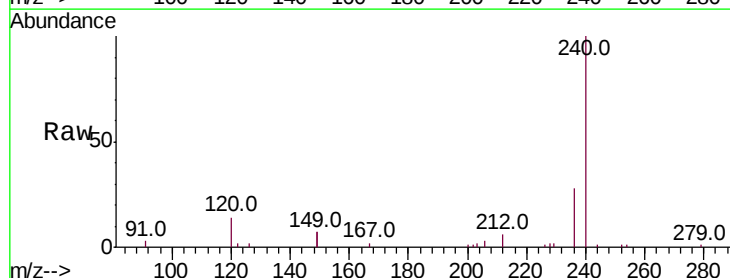
Tgt Ion:240 Resp: 8040

Ion Ratio Lower Upper

240 100

120 13.7 5.5 8.3#

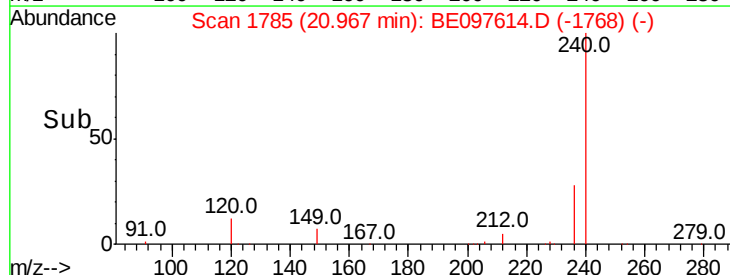
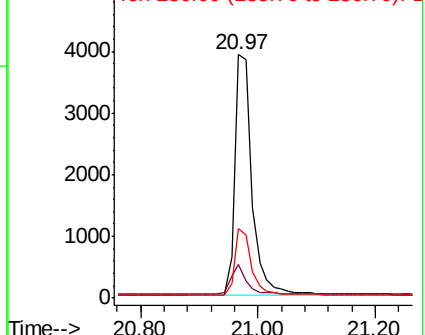
236 28.5 20.7 31.1

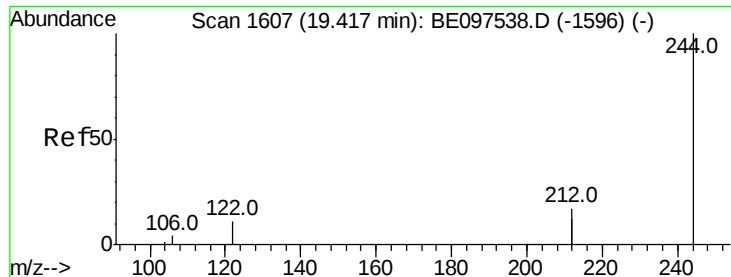


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.464 ng

RT: 19.42 min Scan# 1607

Delta R.T. -0.00 min

Lab File: BE097614.D

Acq: 21 Sep 2018 16:38

Instrument :

BNA_E

ClientSampleId :

PB112956BL

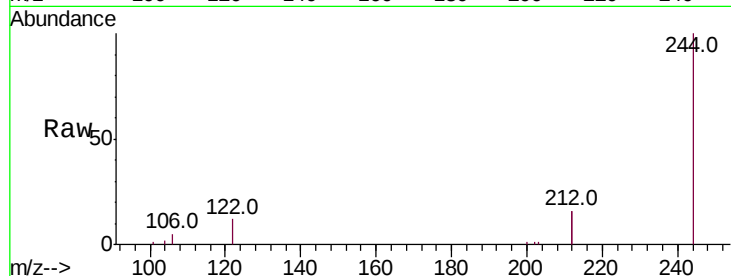
Tot Ion:244 Resp: 6825

Ion Ratio Lower Upper

244 100

212 33.0 25.4 38.0

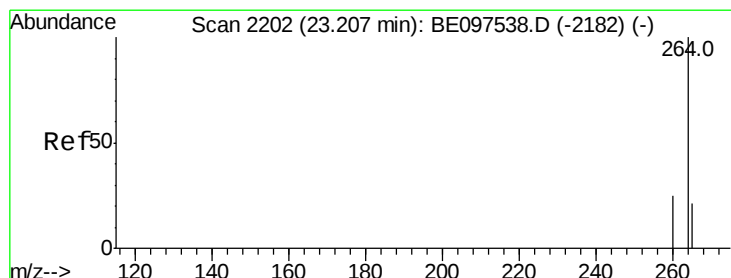
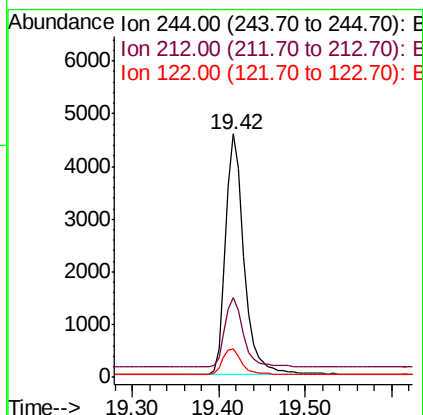
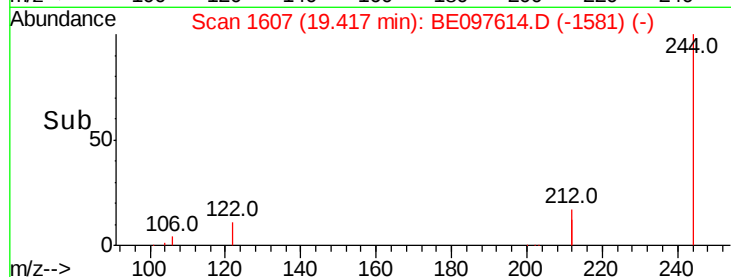
122 11.8 8.1 12.1



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

Perylene-d12

Concen: 0.400 ng

RT: 23.21 min Scan# 2203

Delta R.T. 0.01 min

Lab File: BE097614.D

Acq: 21 Sep 2018 16:38

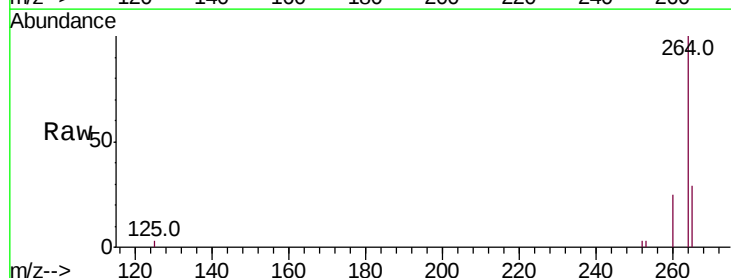
Tgt Ion:264 Resp: 7993

Ion Ratio Lower Upper

264 100

260 25.4 20.5 30.7

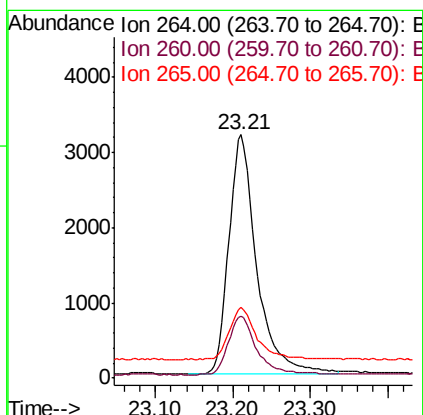
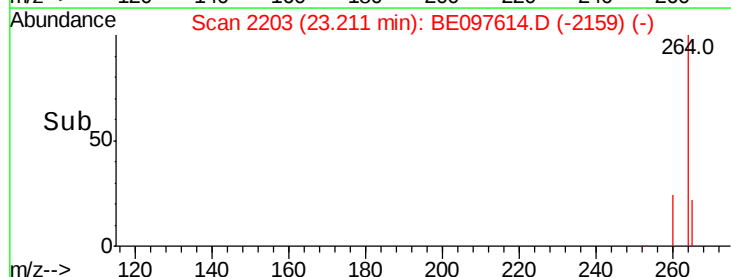
265 29.0 22.8 34.2

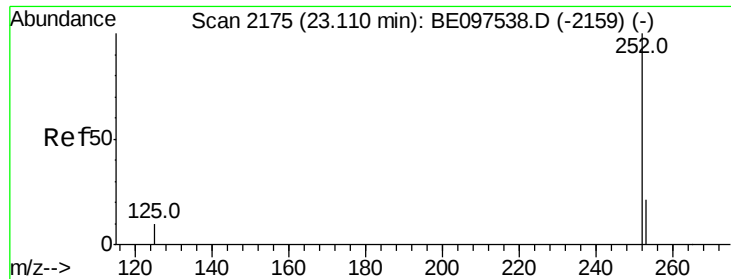


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#37

Benzo(a)pyrene

Concen: 0.021 ng

RT: 23.10 min Scan# 2173

Delta R.T. -0.00 min

Lab File: BE097614.D

Acq: 21 Sep 2018 16:38

Instrument :

BNA_E

ClientSampleId :

PB112956BL

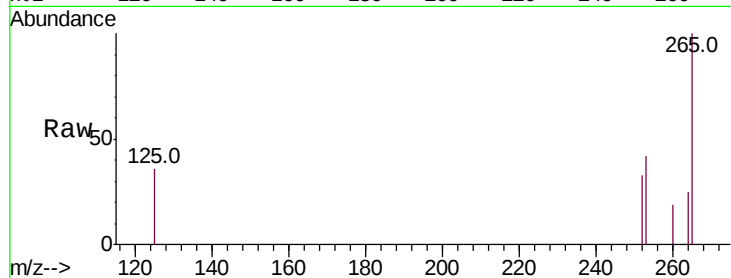
Tot Ion:252 Resp: 17

Ion Ratio Lower Upper

252 100

253 128.0 16.0 24.0#

125 108.5 12.0 18.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

