

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092118\
 Data File : BE097612.D
 Acq On : 21 Sep 2018 15:27
 Operator : SJ/JU
 Sample : PB112840BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 22 04:07:55 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

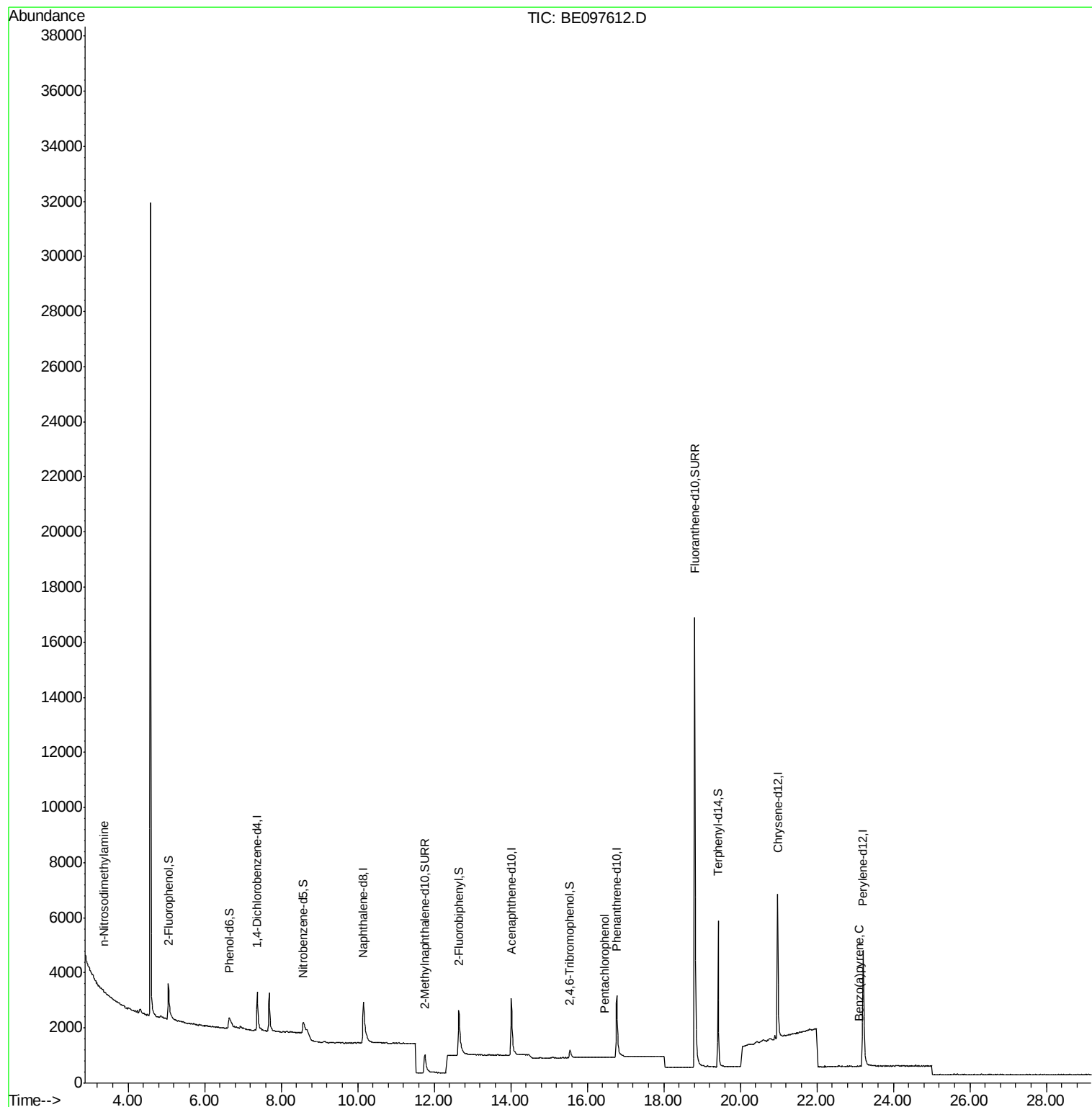
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	880	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	3664	0.40	ng	0.01
13) Acenaphthene-d10	14.01	164	1972	0.40	ng	0.01
19) Phenanthrene-d10	16.78	188	5356	0.40	ng	0.02
27) Chrysene-d12	20.98	240	7721	0.40	ng	0.01
34) Perylene-d12	23.21	264	7623	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.06	112	1172	0.44	ng	0.01
5) Phenol-d6	6.64	99	568	0.17	ng	0.03
8) Nitrobenzene-d5	8.58	82	822	0.29	ng	0.05
11) 2-Methylnaphthalene-d10	11.75	152	2215	0.44	ng	0.04
14) 2,4,6-Tribromophenol	15.54	330	262	0.37	ng	0.02
15) 2-Fluorobiphenyl	12.64	172	3152	0.45	ng	0.02
25) Fluoranthene-d10	18.81	212	31556	0.46	ng	0.00
29) Terphenyl-d14	19.42	244	5715	0.40	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.36	42	40	0.046	ng	Qvalue # 4
22) Pentachlorophenol	16.46	266	3	0.132	ng	93
37) Benzo(a)pyrene	23.12	252	2	0.021	ng	# 1

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

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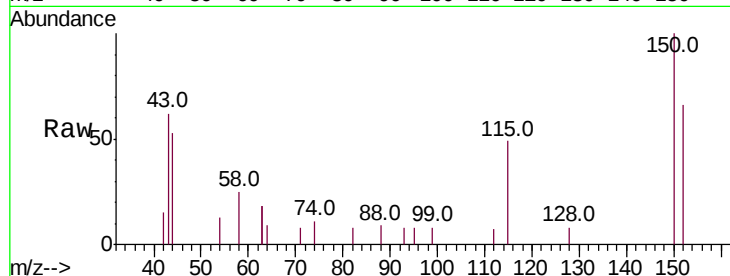


#1

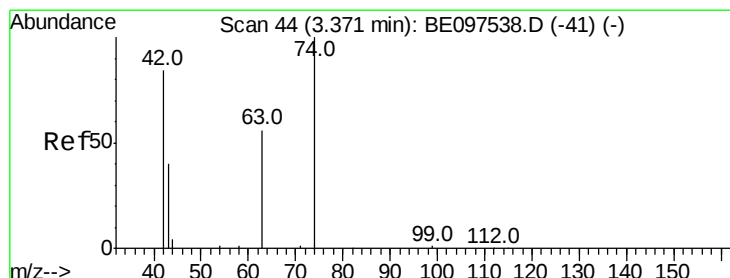
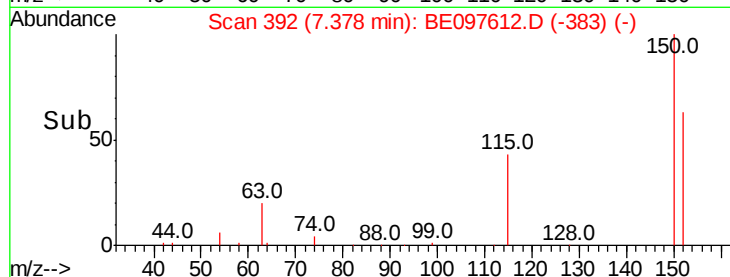
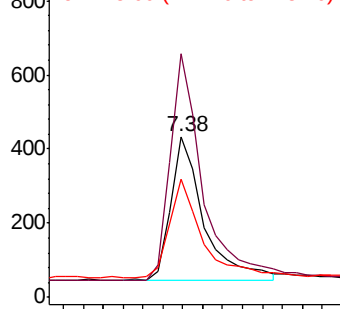
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. -0.00 min
Lab File: BE097612.D
Acq: 21 Sep 2018 15:27

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 880
Ion Ratio Lower Upper
152 100
150 151.7 117.2 175.8
115 73.9 57.0 85.6



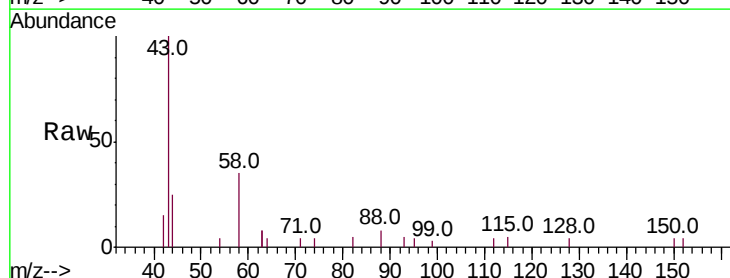
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



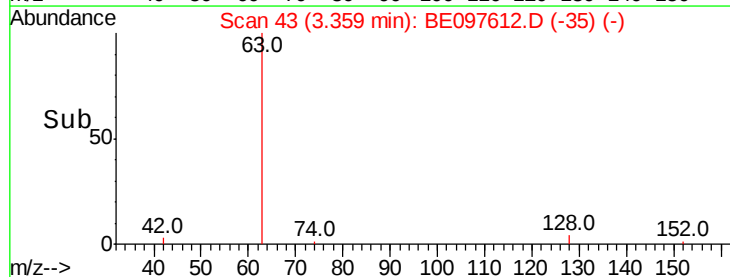
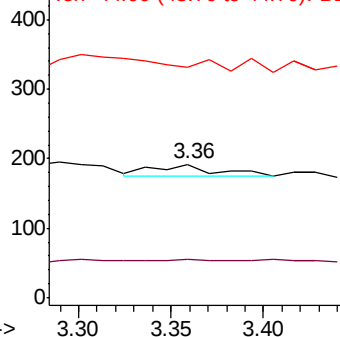
#3

n-Nitrosodimethylamine
Concen: 0.046 ng
RT: 3.36 min Scan# 43
Delta R.T. -0.01 min
Lab File: BE097612.D
Acq: 21 Sep 2018 15:27

Tgt Ion: 42 Resp: 40
Ion Ratio Lower Upper
42 100
74 5.0 96.0 144.0#
44 30.0 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: 0.444 ng

RT: 5.06 min Scan# 191

Delta R.T. 0.01 min

Lab File: BE097612.D

Acq: 21 Sep 2018 15:27

Instrument :

BNA_E

ClientSampleId :

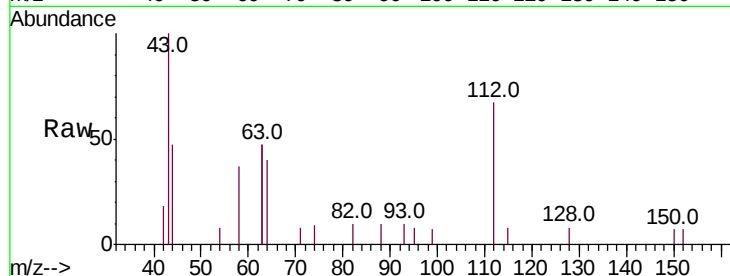
Tot Ion:112 Resp: 1172

Ion Ratio Lower Upper

112 100

64 66.6 60.1 90.1

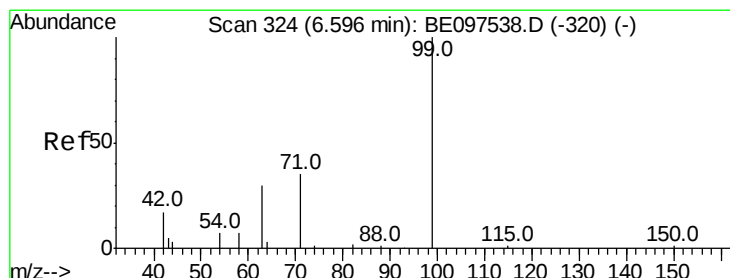
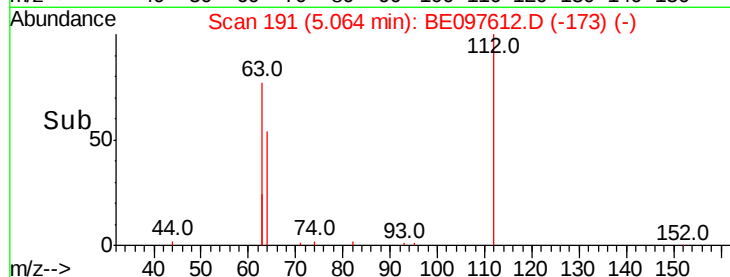
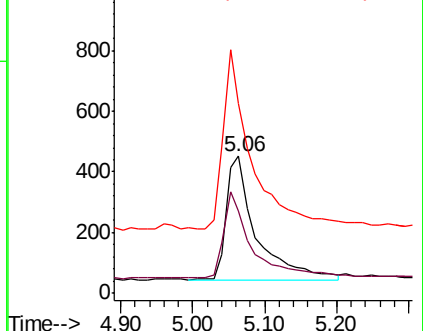
63 136.9 116.8 175.2



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



#5

Phenol-d6

Concen: 0.168 ng

RT: 6.64 min Scan# 328

Delta R.T. 0.03 min

Lab File: BE097612.D

Acq: 21 Sep 2018 15:27

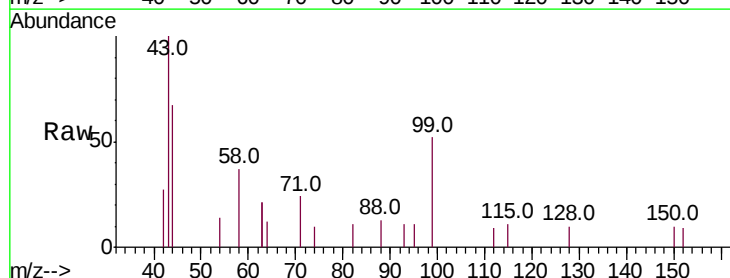
Tgt Ion: 99 Resp: 568

Ion Ratio Lower Upper

99 100

42 21.8 20.2 30.2

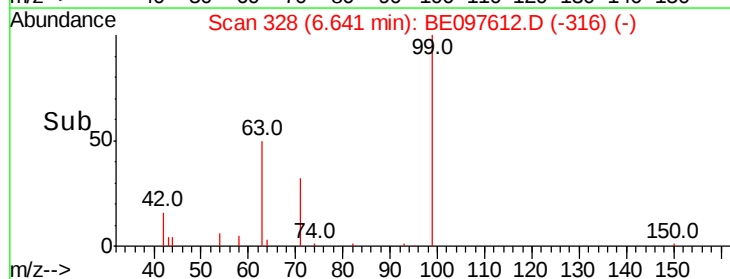
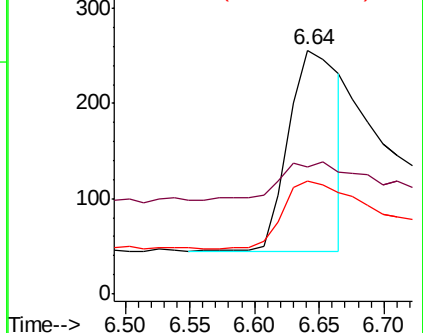
71 36.6 28.4 42.6

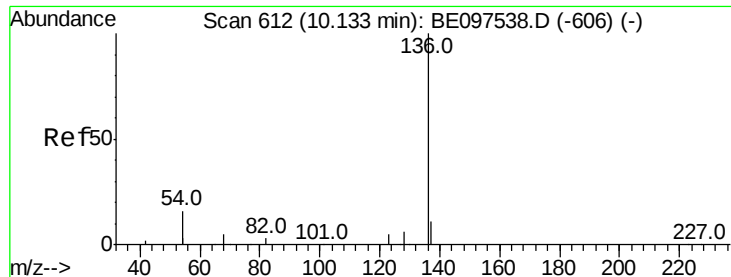


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 613

Delta R.T. 0.01 min

Lab File: BE097612.D

Acq: 21 Sep 2018 15:27

Instrument :

BNA_E

ClientSampled :

Tot Ion:136 Resp: 3664

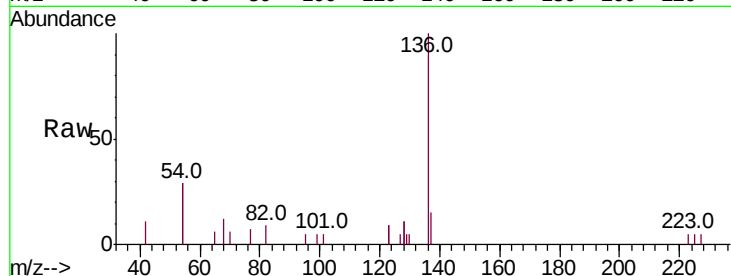
Ion Ratio Lower Upper

136 100

137 14.8 9.5 14.3#

54 57.9 29.1 43.7#

68 12.1 6.2 9.2#

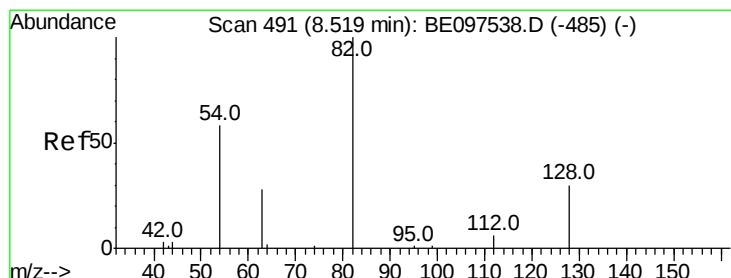
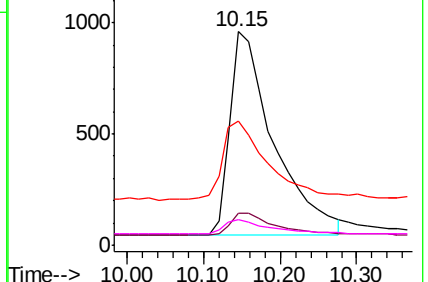
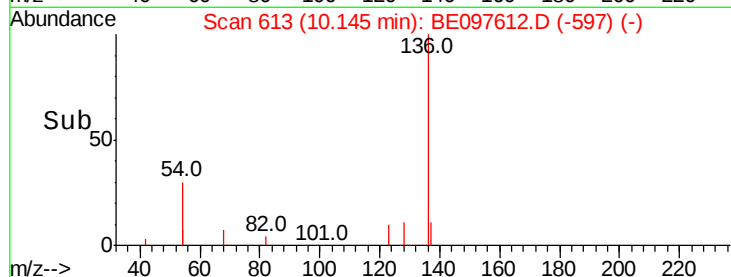


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 0.290 ng

RT: 8.58 min Scan# 496

Delta R.T. 0.05 min

Lab File: BE097612.D

Acq: 21 Sep 2018 15:27

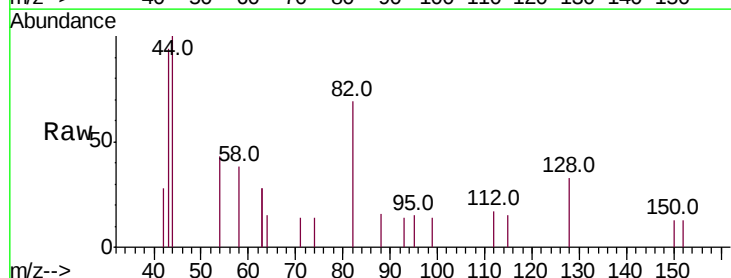
Tgt Ion: 82 Resp: 822

Ion Ratio Lower Upper

82 100

128 47.8 24.0 36.0#

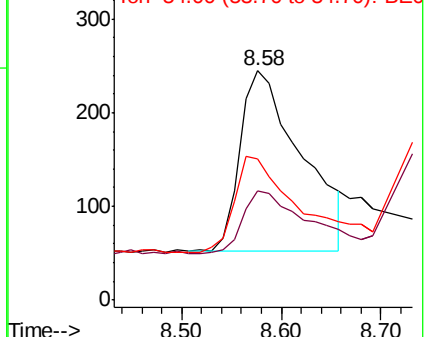
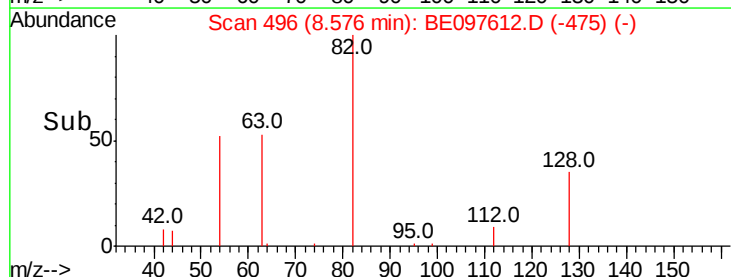
54 61.6 40.0 60.0#

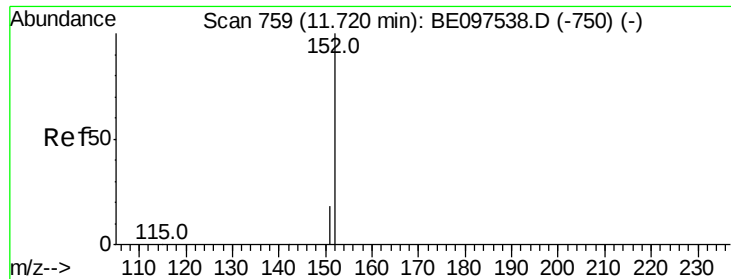


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

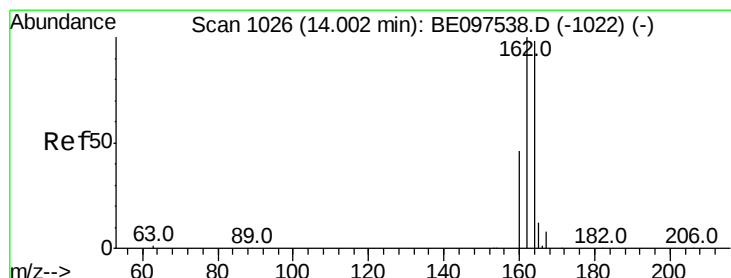
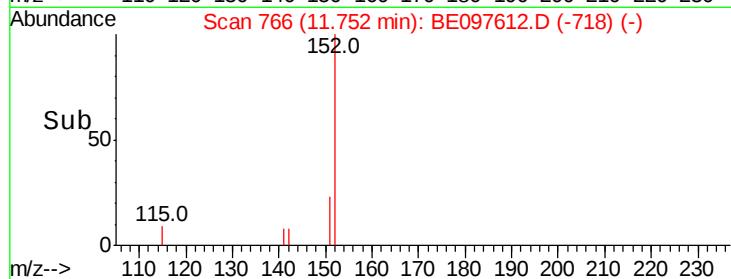
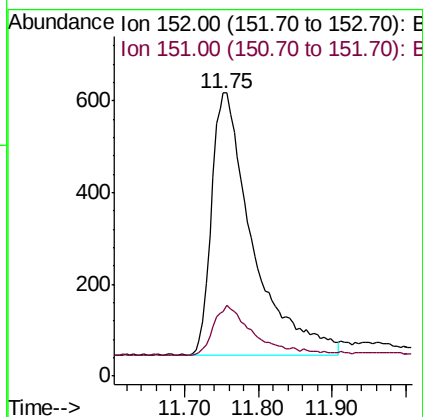
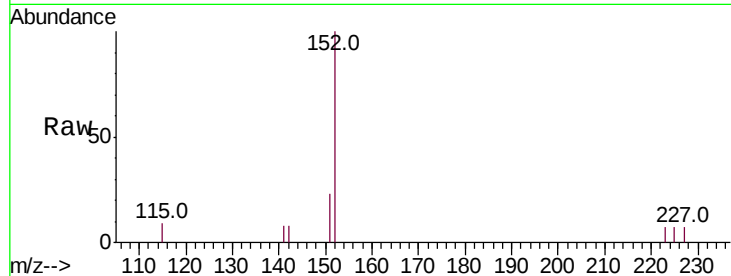




#11
 2-Methylnaphthalene-d10
 Concen: 0.439 ng
 RT: 11.75 min Scan# 766
 Delta R.T. 0.04 min
 Lab File: BE097612.D
 Acq: 21 Sep 2018 15:27

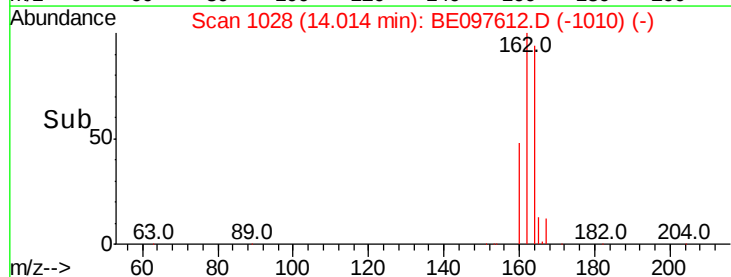
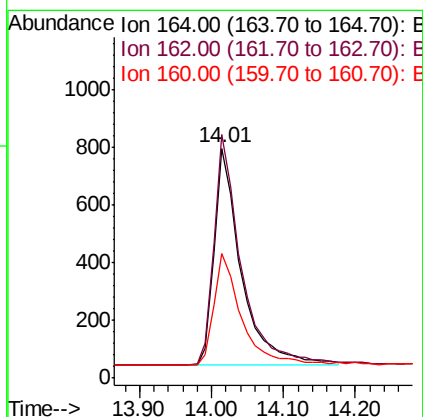
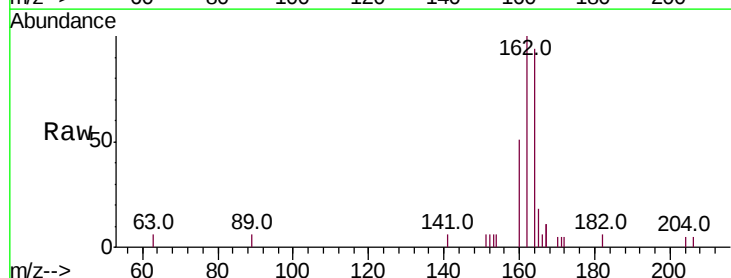
Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:152 Resp: 2215
 Ion Ratio Lower Upper
 152 100
 151 19.0 15.4 23.0



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.01 min Scan# 1028
 Delta R.T. 0.01 min
 Lab File: BE097612.D
 Acq: 21 Sep 2018 15:27

Tgt Ion:164 Resp: 1972
 Ion Ratio Lower Upper
 164 100
 162 105.9 83.1 124.7
 160 54.1 37.1 55.7

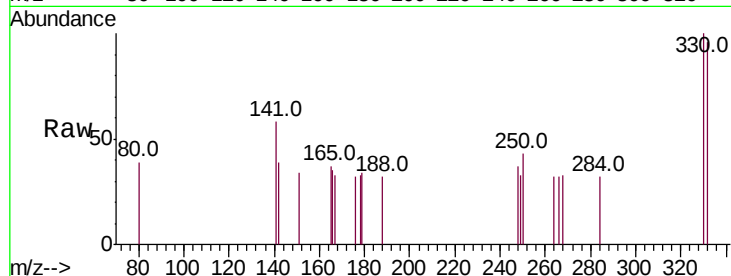




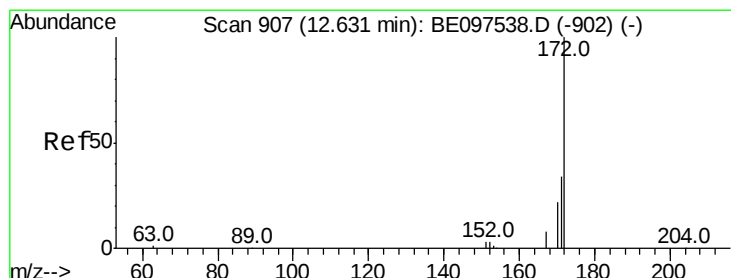
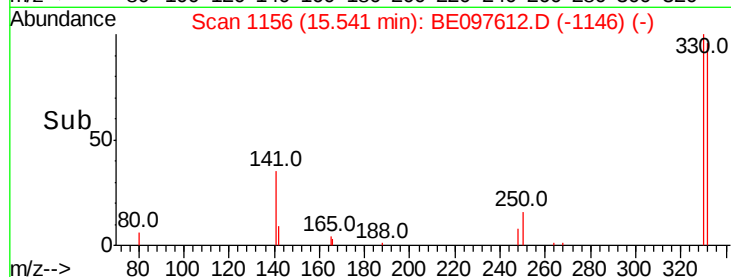
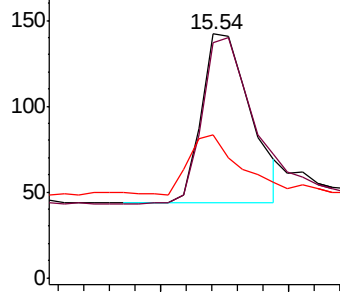
#14
 2,4,6-Tribromophenol
 Concen: 0.367 ng
 RT: 15.54 min Scan# 1156
 Delta R.T. 0.02 min
 Lab File: BE097612.D
 Acq: 21 Sep 2018 15:27

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:330 Resp: 262
 Ion Ratio Lower Upper
 330 100
 332 100.8 152.7 229.1#
 141 0.0 33.7 50.5#

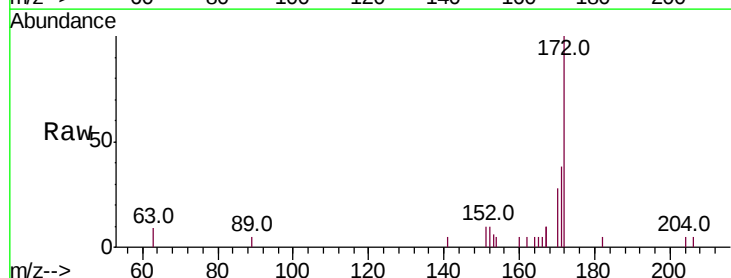


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

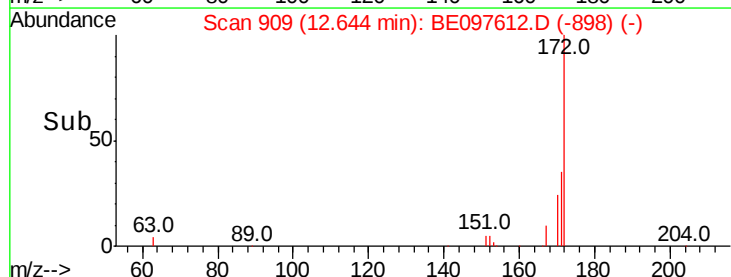
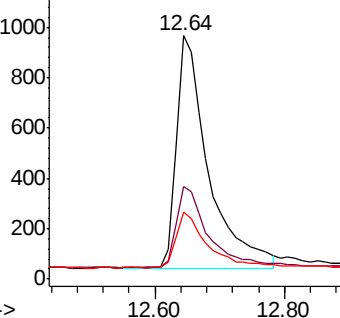


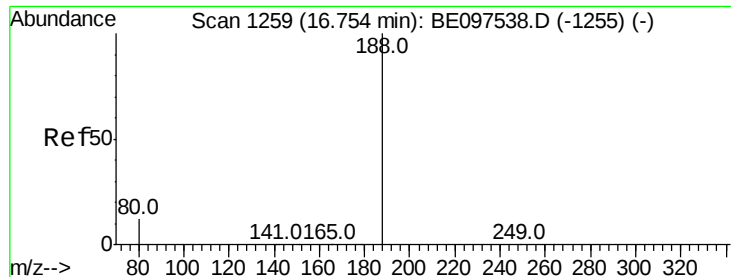
#15
 2-Fluorobiphenyl
 Concen: 0.452 ng
 RT: 12.64 min Scan# 909
 Delta R.T. 0.02 min
 Lab File: BE097612.D
 Acq: 21 Sep 2018 15:27

Tgt Ion:172 Resp: 3152
 Ion Ratio Lower Upper
 172 100
 171 37.8 29.9 44.9
 170 27.5 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

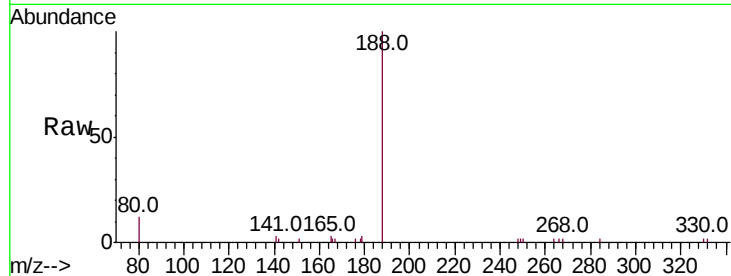




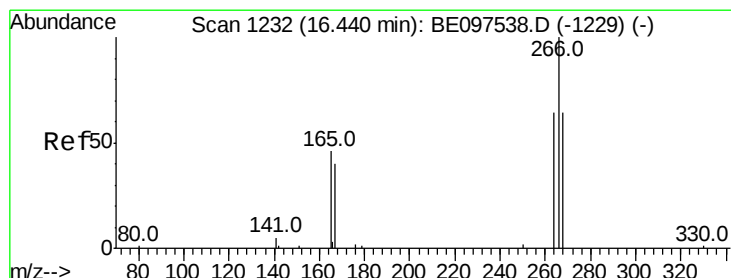
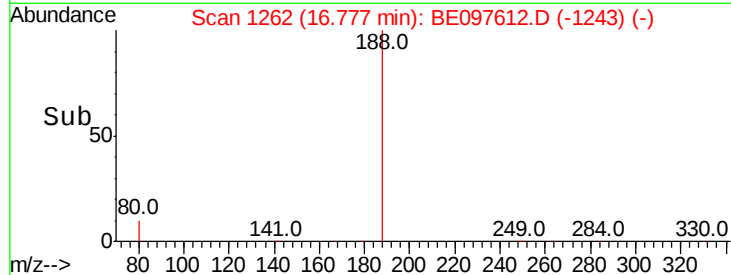
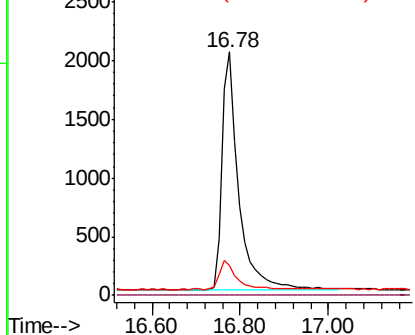
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.78 min Scan# 1262
Delta R.T. 0.02 min
Lab File: BE097612.D
Acq: 21 Sep 2018 15:27

Instrument :
BNA_E
ClientSampled :

Tot Ion:188 Resp: 5356
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 12.3 3.6 5.4#

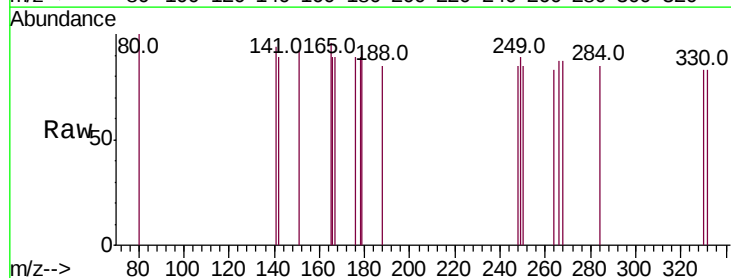


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE0
Ion 80.00 (79.70 to 80.70): BE0

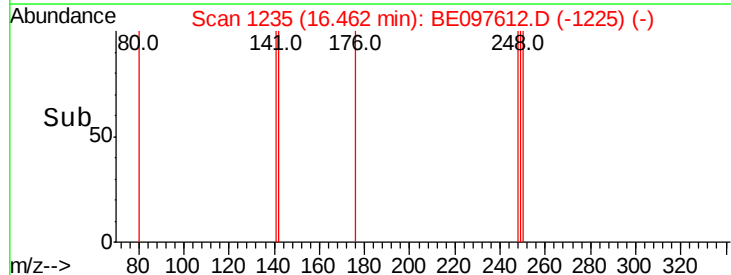
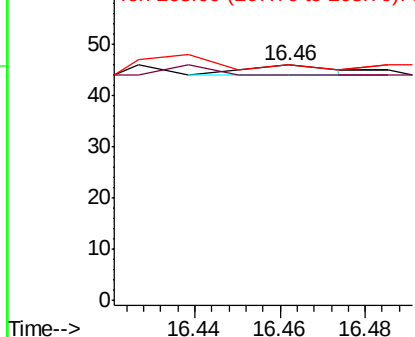


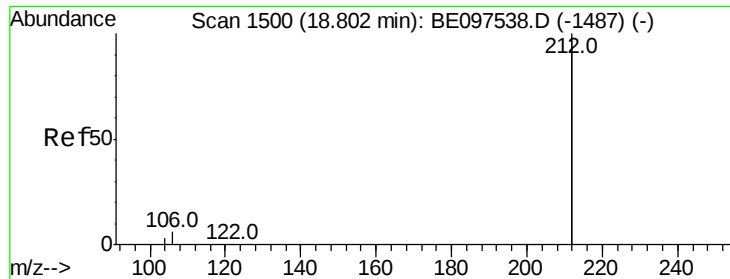
#22
Pentachlorophenol
Concen: 0.132 ng
RT: 16.46 min Scan# 1235
Delta R.T. 0.02 min
Lab File: BE097612.D
Acq: 21 Sep 2018 15:27

Tgt Ion:266 Resp: 3
Ion Ratio Lower Upper
266 100
264 95.7 72.5 108.7
268 100.0 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: 0.460 ng

RT: 18.81 min Scan# 1503

Delta R.T. 0.01 min

Lab File: BE097612.D

Acq: 21 Sep 2018 15:27

Instrument :

BNA_E

ClientSampleId :

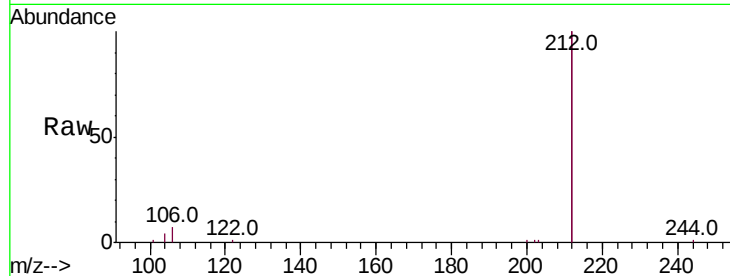
Tot Ion:212 Resp: 31556

Ion Ratio Lower Upper

212 100

106 3.2 2.8 4.2

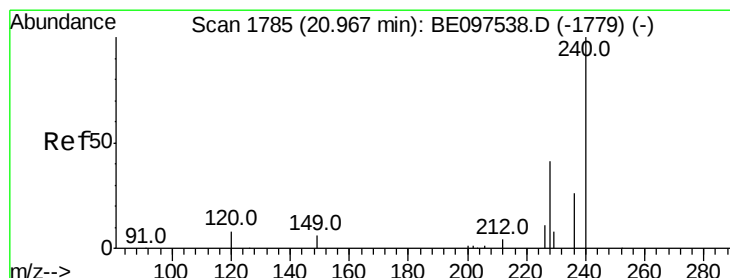
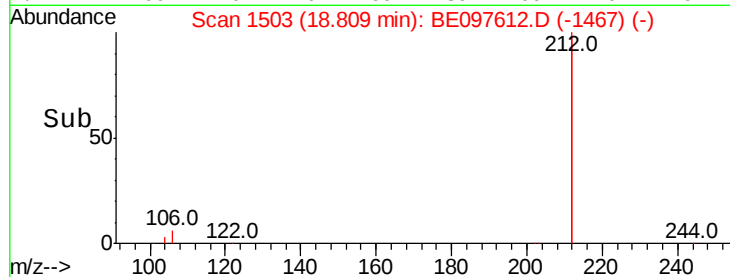
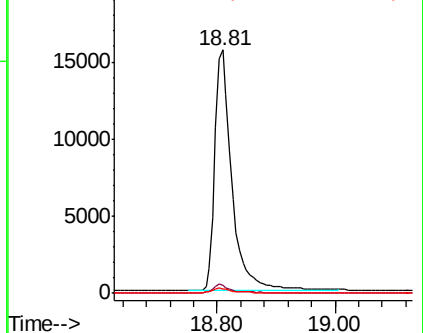
104 1.8 1.6 2.4



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: 20.98 min Scan# 1788

Delta R.T. 0.01 min

Lab File: BE097612.D

Acq: 21 Sep 2018 15:27

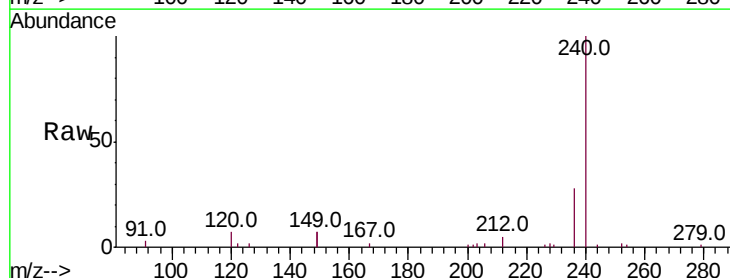
Tgt Ion:240 Resp: 7721

Ion Ratio Lower Upper

240 100

120 7.4 5.5 8.3

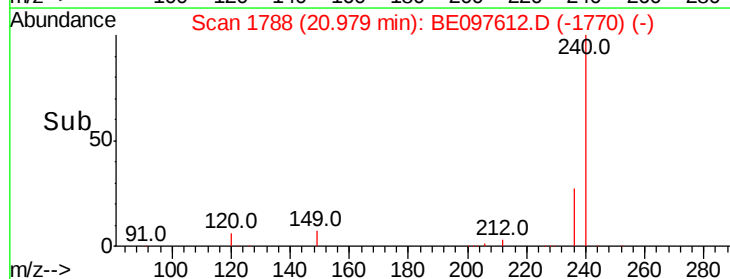
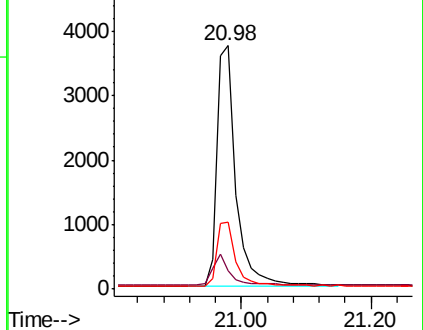
236 27.6 20.7 31.1

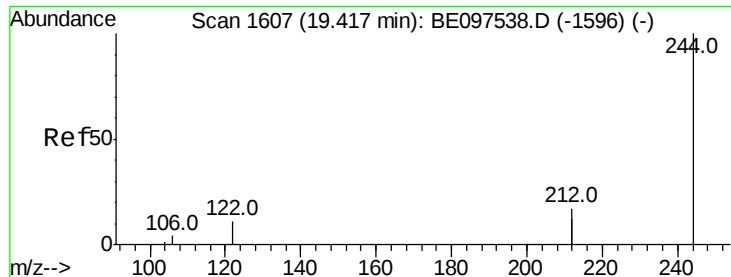


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.404 ng

RT: 19.42 min Scan# 1609

Delta R.T. 0.00 min

Lab File: BE097612.D

Acq: 21 Sep 2018 15:27

Instrument :

BNA_E

ClientSampleId :

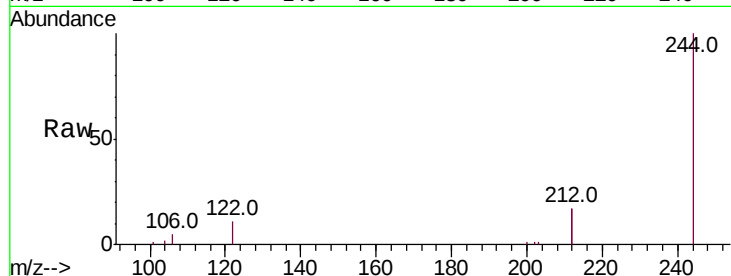
Tot Ion:244 Resp: 5715

Ion Ratio Lower Upper

244 100

212 33.4 25.4 38.0

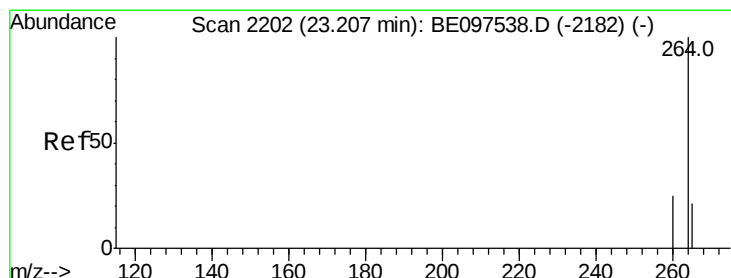
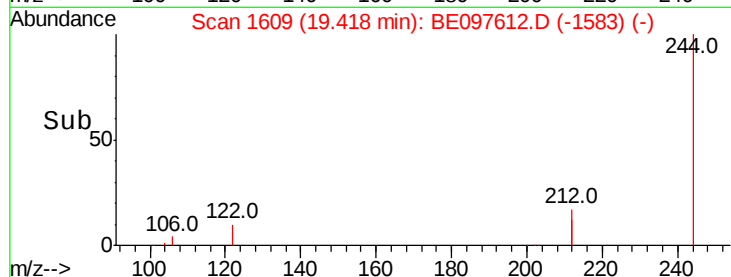
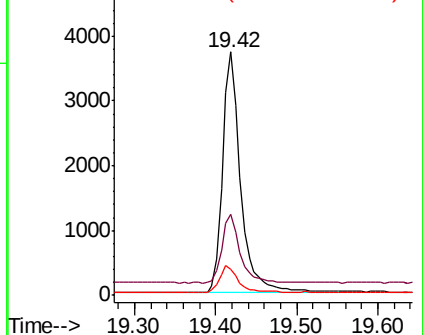
122 10.9 8.1 12.1



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.21 min Scan# 2206

Delta R.T. 0.01 min

Lab File: BE097612.D

Acq: 21 Sep 2018 15:27

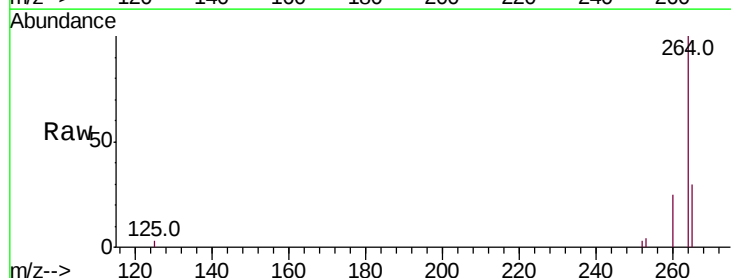
Tgt Ion:264 Resp: 7623

Ion Ratio Lower Upper

264 100

260 25.0 20.5 30.7

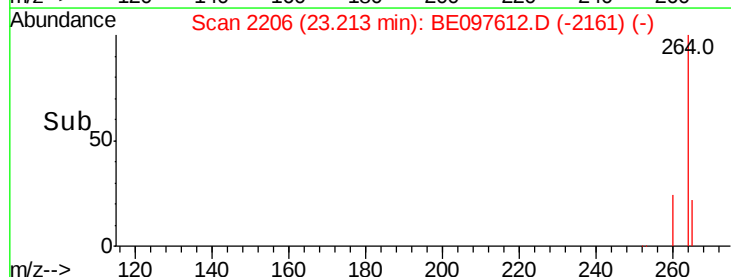
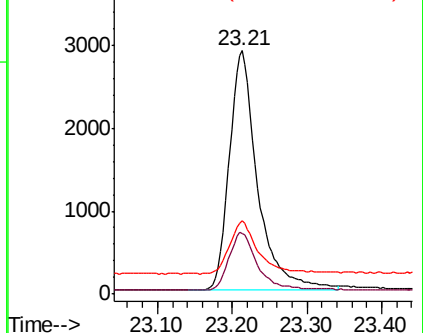
265 29.9 22.8 34.2

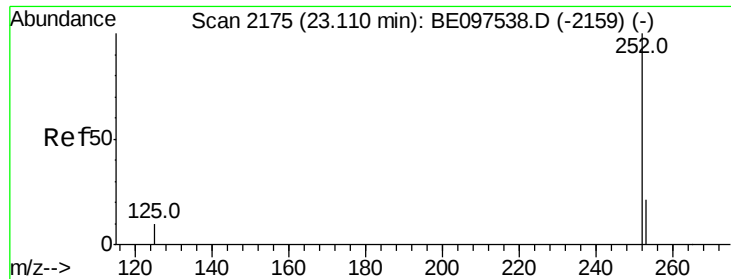


Abundance Ion 264.00 (263.70 to 264.70): E

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: 23.12 min Scan# 2179

Delta R.T. 0.01 min

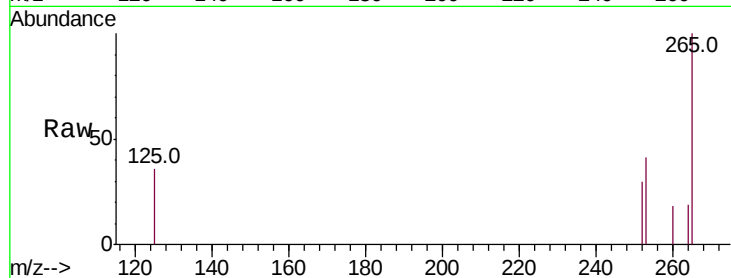
Lab File: BE097612.D

Acq: 21 Sep 2018 15:27

Instrument :

BNA_E

ClientSampleId :



Tot Ion:	252	Resp:	2
Ion	Ratio	Lower	Upper
252	100		
253	136.4	16.0	24.0#
125	120.8	12.0	18.0#

