

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091718\
 Data File : BE097522.D
 Acq On : 18 Sep 2018 8:06
 Operator : SJ/JU
 Sample : J4892-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 18 08:55:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 17 18:57:11 2018
 Response via : Initial Calibration

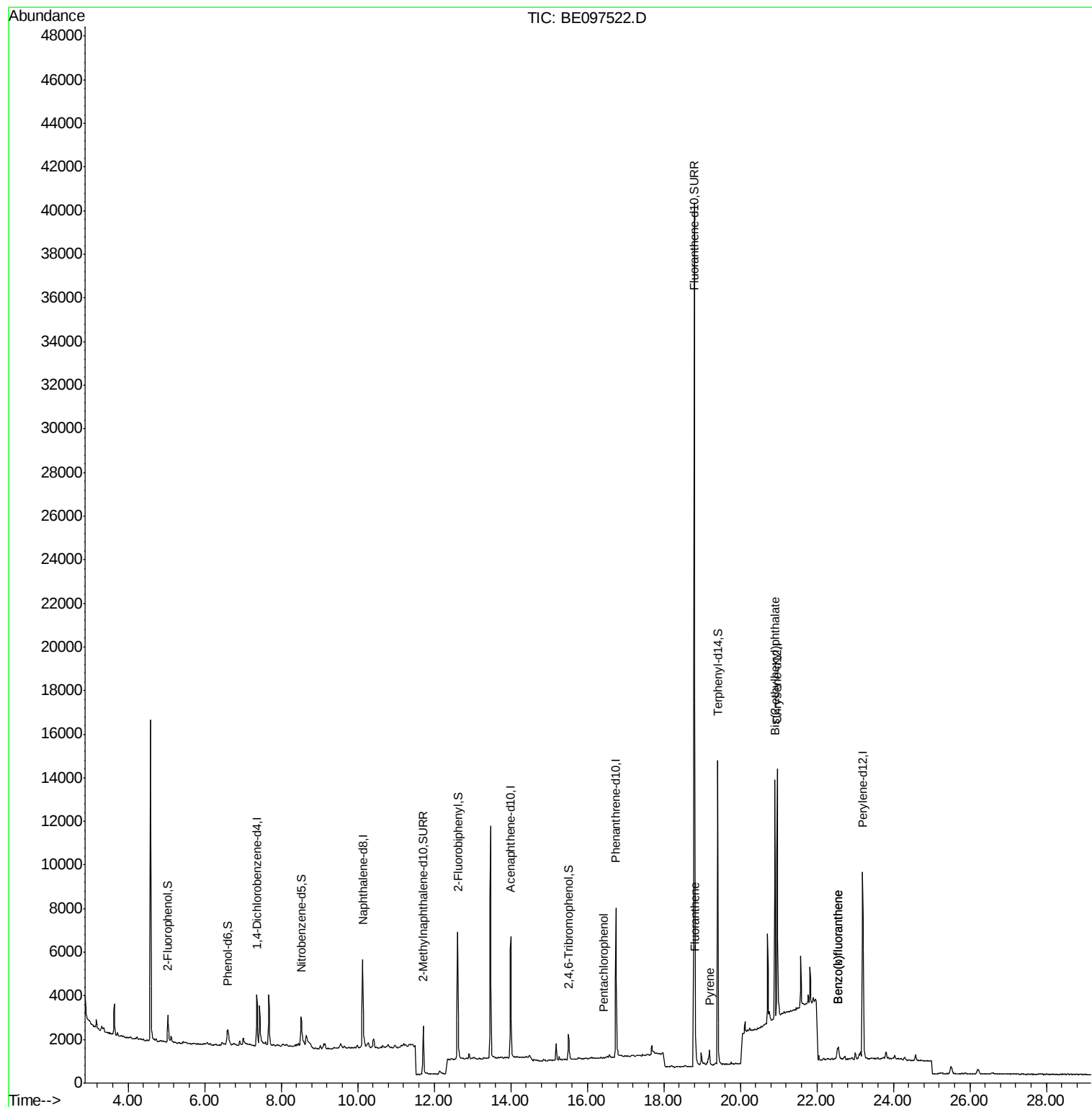
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	1193	0.40	ng	0.00
7) Naphthalene-d8	10.13	136	5718	0.40	ng	0.00
13) Acenaphthene-d10	14.00	164	3568	0.40	ng	0.00
19) Phenanthrene-d10	16.75	188	9584	0.40	ng	-0.01
27) Chrysene-d12	20.97	240	11704	0.40	ng	0.00
34) Perylene-d12	23.20	264	11901	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.04	112	813	0.20	ng	0.00
5) Phenol-d6	6.60	99	673	0.13	ng	0.00
8) Nitrobenzene-d5	8.52	82	1822	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	11.71	152	3627	0.44	ng	0.00
14) 2,4,6-Tribromophenol	15.51	330	774	0.41	ng	-0.02
15) 2-Fluorobiphenyl	12.62	172	6468	0.52	ng	0.00
25) Fluoranthene-d10	18.80	212	52895	0.46	ng	0.00
29) Terphenyl-d14	19.41	244	12289	0.55	ng	0.00
Target Compounds						
22) Pentachlorophenol	16.43	266	34	0.097	ng	Qvalue 96
26) Fluoranthene	18.83	202	786	0.027	ng	# 89
28) Pyrene	19.20	202	660	0.022	ng	# 92
32) Bis(2-ethylhexyl)phthalate	20.91	149	12618	0.193	ng	# 99
35) Benzo(b)fluoranthene	22.53	252	818	0.027	ng	# 33
36) Benzo(k)fluoranthene	22.53	252	818	0.025	ng	# 10

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

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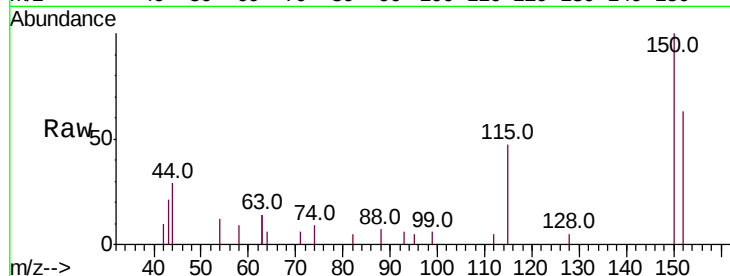


#1

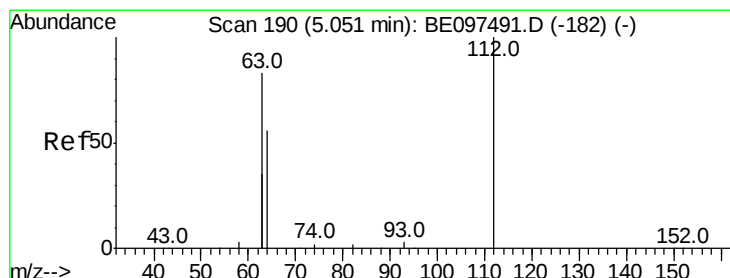
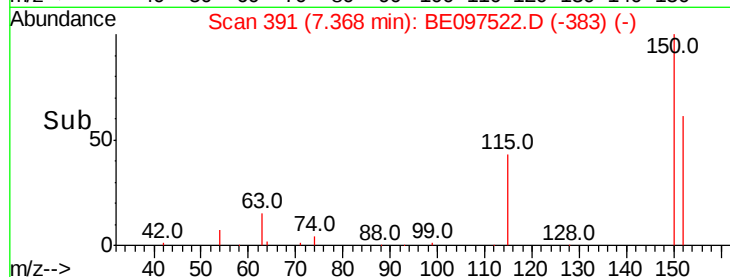
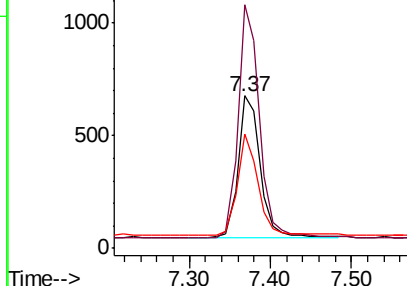
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.37 min Scan# 391
 Delta R.T. -0.01 min
 Lab File: BE097522.D
 Acq: 18 Sep 2018 8:06

Instrument :
 BNA_E
 ClientSampled :

Tot Ion:152 Resp: 1193
 Ion Ratio Lower Upper
 152 100
 150 159.4 117.2 175.8
 115 75.1 57.0 85.6



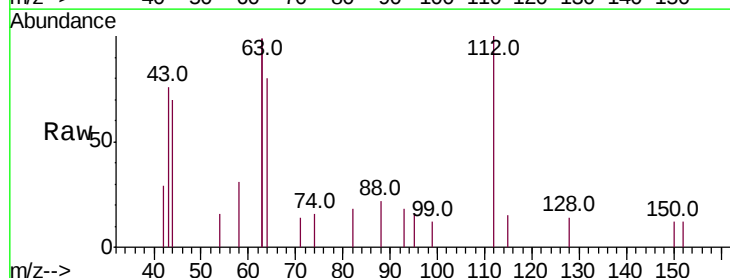
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



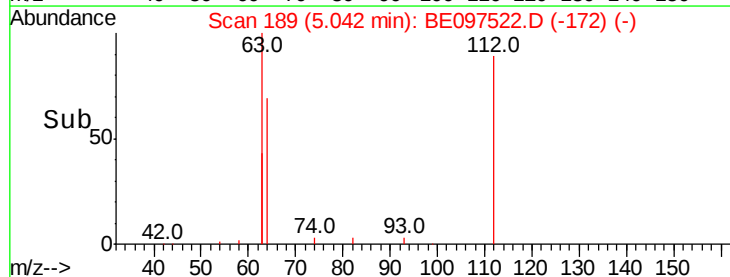
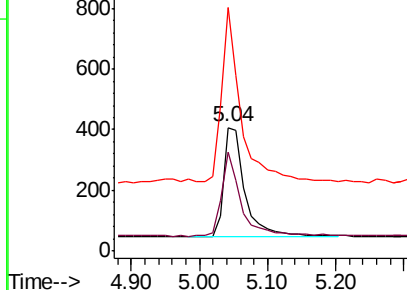
#4

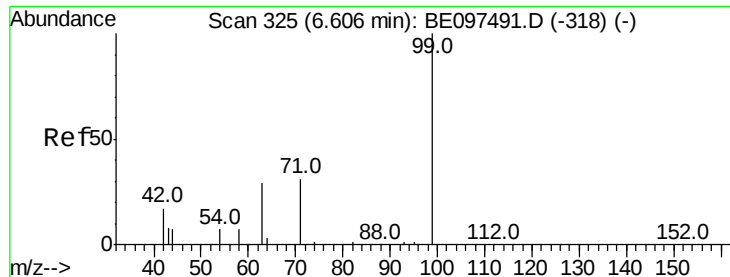
2-Fluorophenol
 Concen: 0.201 ng
 RT: 5.04 min Scan# 189
 Delta R.T. -0.01 min
 Lab File: BE097522.D
 Acq: 18 Sep 2018 8:06

Tgt Ion:112 Resp: 813
 Ion Ratio Lower Upper
 112 100
 64 68.6 60.1 90.1
 63 139.0 116.8 175.2



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: 0.131 ng

RT: 6.60 min Scan# 324

Delta R.T. -0.01 min

Lab File: BE097522.D

Acq: 18 Sep 2018 8:06

Instrument :

BNA_E

ClientSampleId :

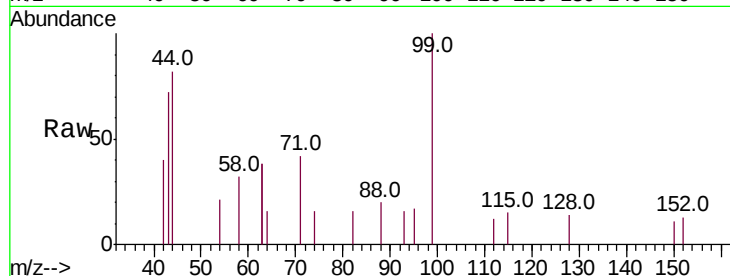
Tot Ion: 99 Resp: 673

Ion Ratio Lower Upper

99 100

42 22.4 20.2 30.2

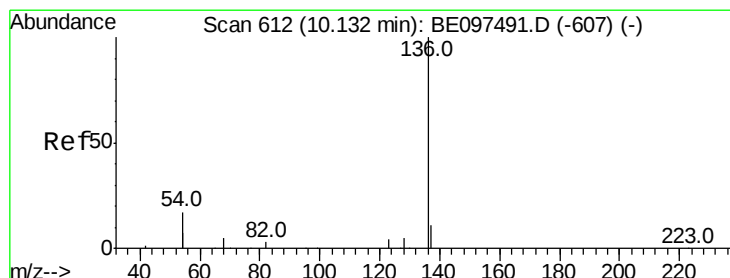
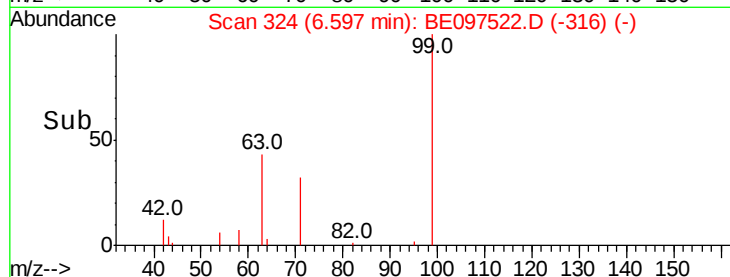
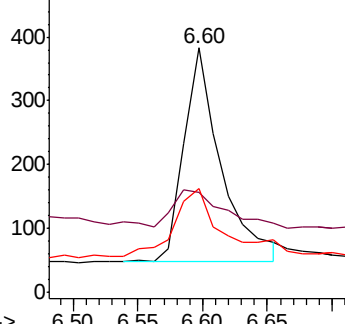
71 38.2 28.4 42.6



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: 10.13 min Scan# 612

Delta R.T. 0.00 min

Lab File: BE097522.D

Acq: 18 Sep 2018 8:06

Tgt Ion: 136 Resp: 5718

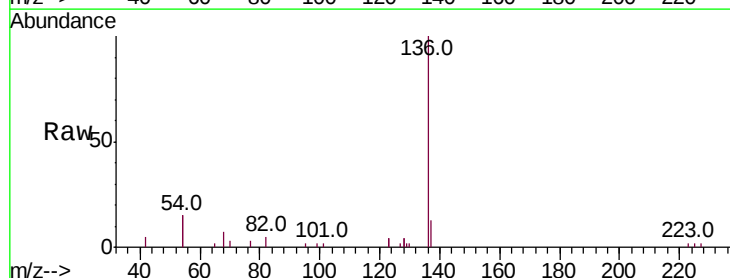
Ion Ratio Lower Upper

136 100

137 12.7 9.5 14.3

54 30.5 29.1 43.7

68 6.9 6.2 9.2

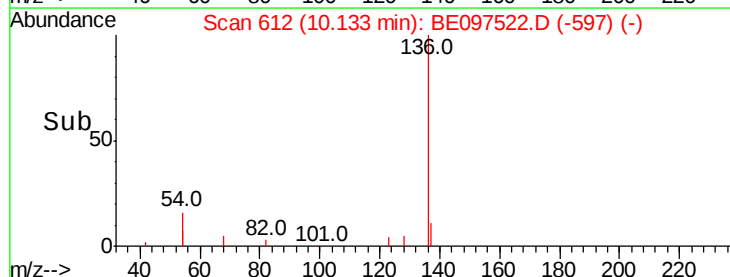
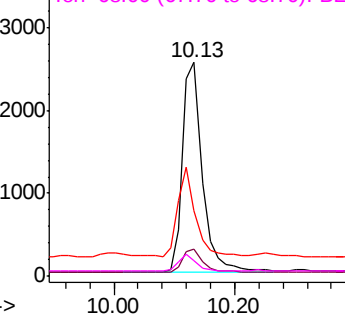


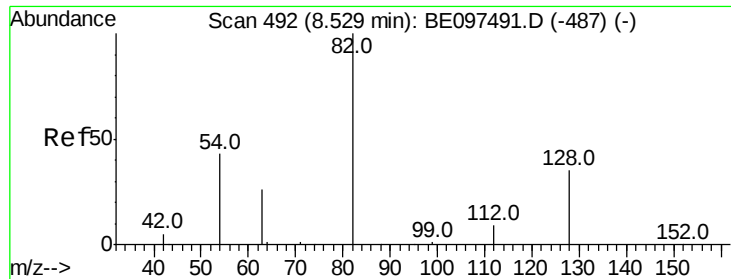
Abundance Ion 136.00 (135.70 to 136.70): E

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

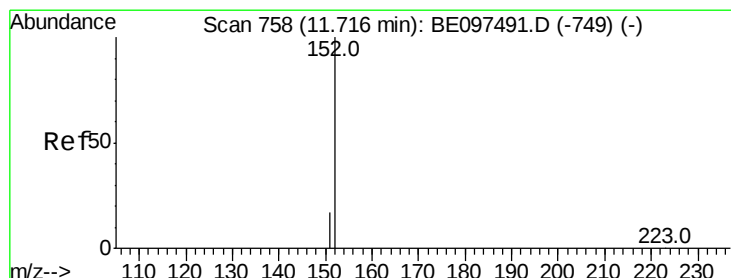
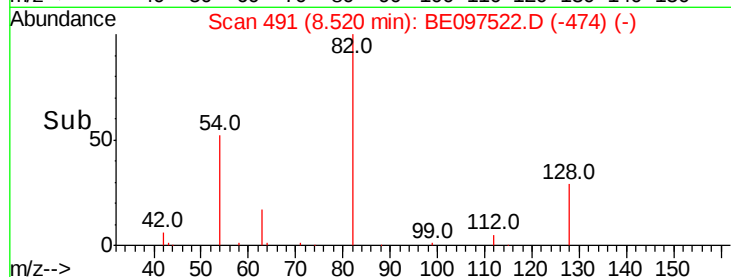
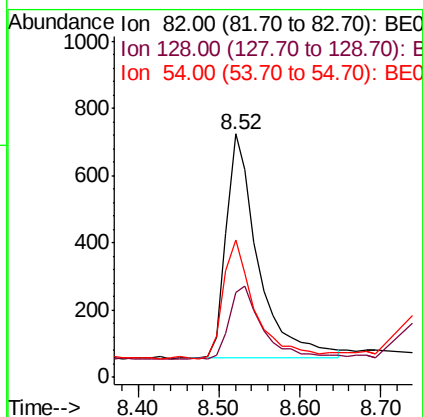
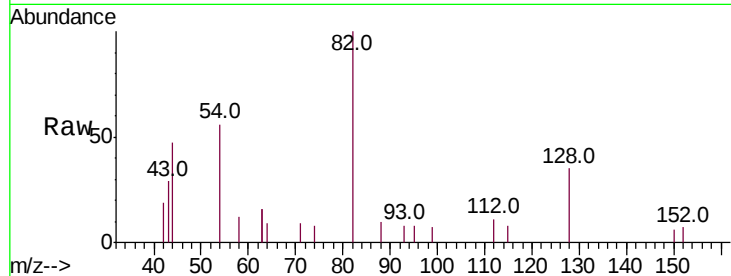




#8
 Nitrobenzene-d5
 Concen: 0.396 ng
 RT: 8.52 min Scan# 491
 Delta R.T. -0.01 min
 Lab File: BE097522.D
 Acq: 18 Sep 2018 8:06

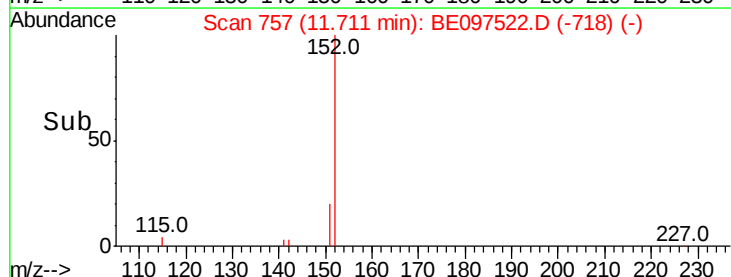
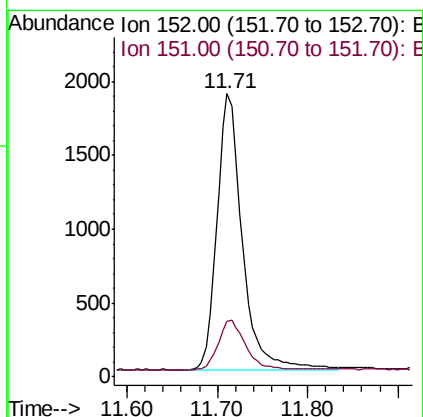
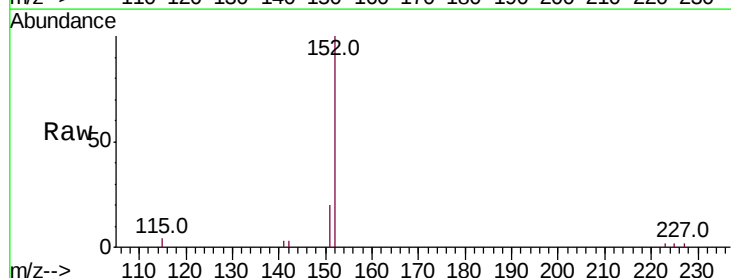
Instrument :
 BNA_E
 ClientSampled :

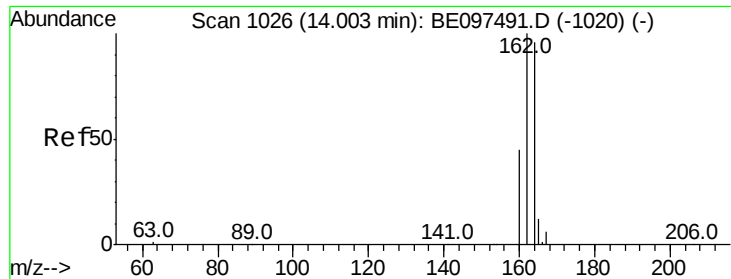
Tot Ion: 82 Resp: 1822
 Ion Ratio Lower Upper
 82 100
 128 34.9 24.0 36.0
 54 56.2 40.0 60.0



#11
 2-Methylnaphthalene-d10
 Concen: 0.444 ng
 RT: 11.71 min Scan# 757
 Delta R.T. -0.01 min
 Lab File: BE097522.D
 Acq: 18 Sep 2018 8:06

Tgt Ion: 152 Resp: 3627
 Ion Ratio Lower Upper
 152 100
 151 19.0 15.4 23.0

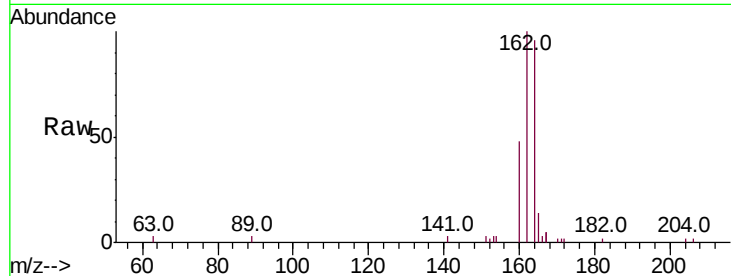




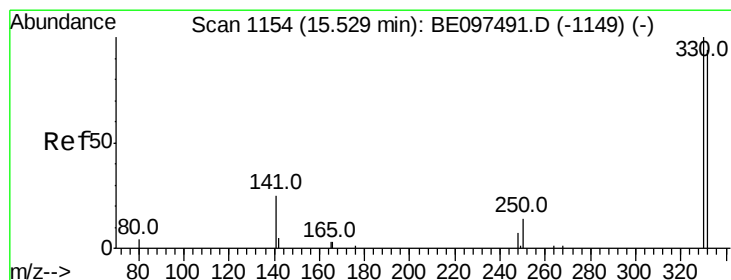
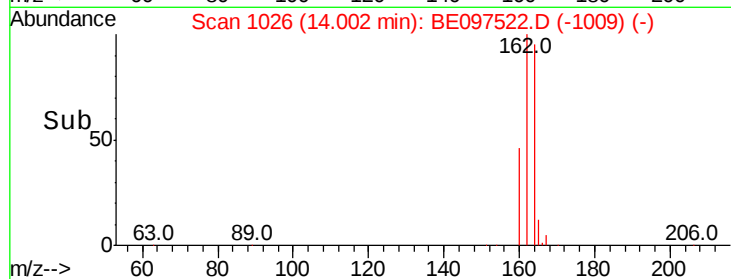
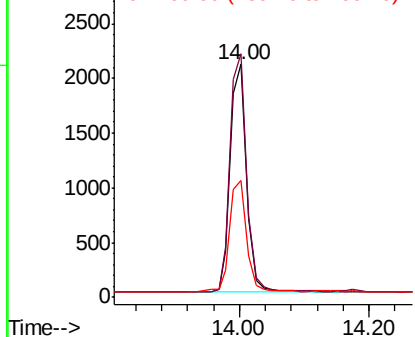
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.00 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BE097522.D
 Acq: 18 Sep 2018 8:06

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:164 Resp: 3568
 Ion Ratio Lower Upper
 164 100
 162 104.6 83.1 124.7
 160 50.0 37.1 55.7

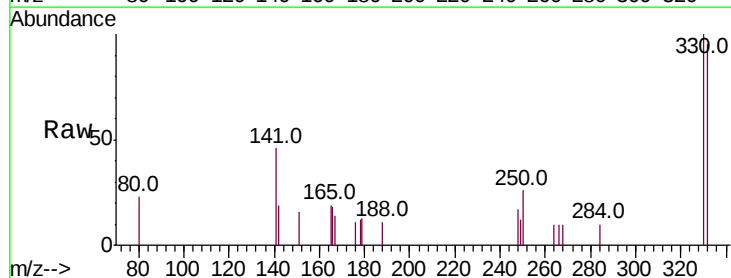


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

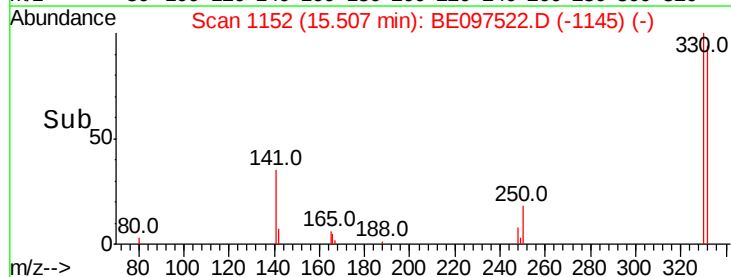
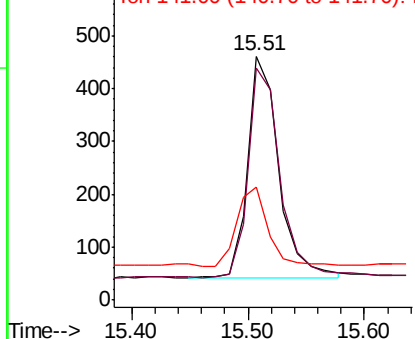


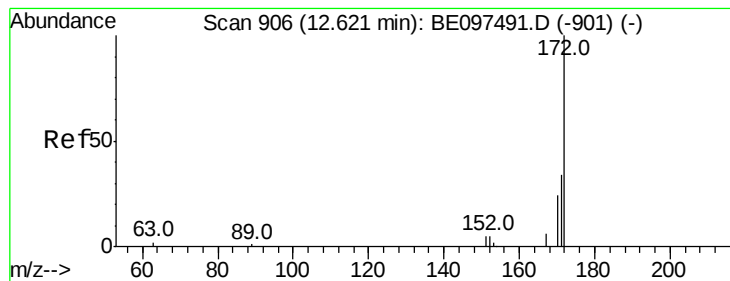
#14
 2,4,6-Tribromophenol
 Concen: 0.411 ng
 RT: 15.51 min Scan# 1152
 Delta R.T. -0.02 min
 Lab File: BE097522.D
 Acq: 18 Sep 2018 8:06

Tgt Ion:330 Resp: 774
 Ion Ratio Lower Upper
 330 100
 332 97.8 152.7 229.1#
 141 36.8 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

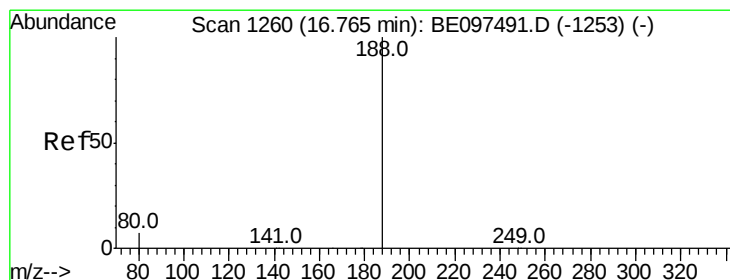
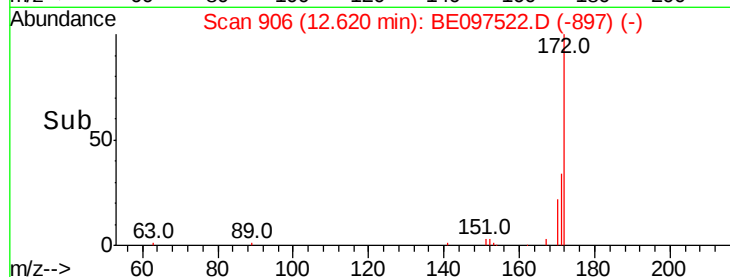
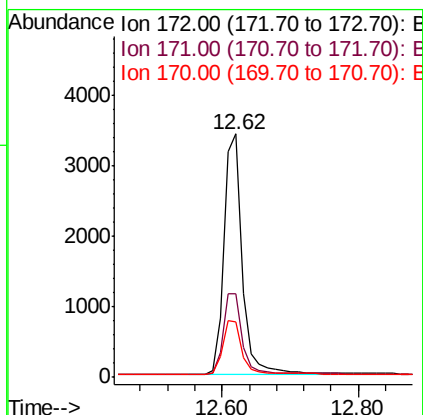
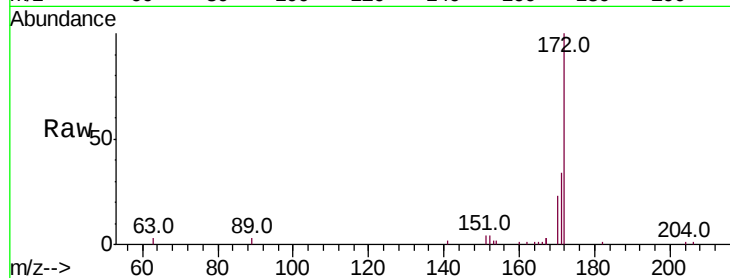




#15
 2-Fluorobiphenyl
 Concen: 0.519 ng
 RT: 12.62 min Scan# 906
 Delta R.T. -0.00 min
 Lab File: BE097522.D
 Acq: 18 Sep 2018 8:06

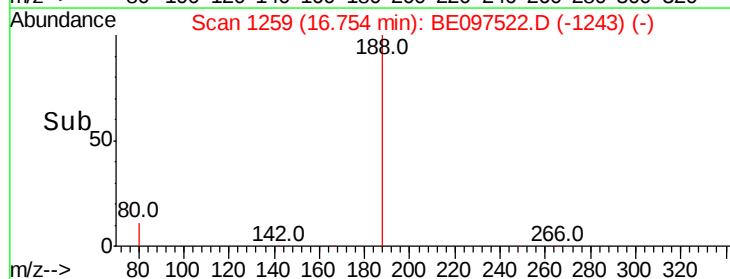
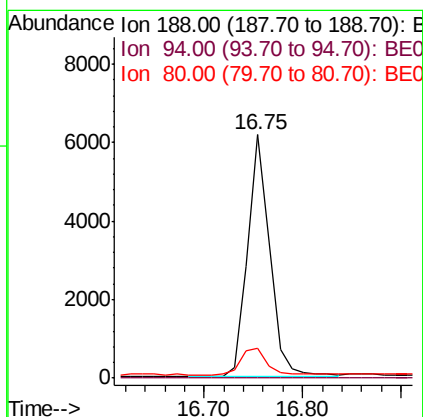
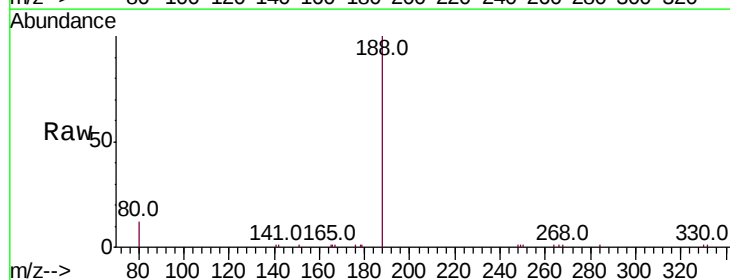
Instrument :
 BNA_E
 ClientSampleId :

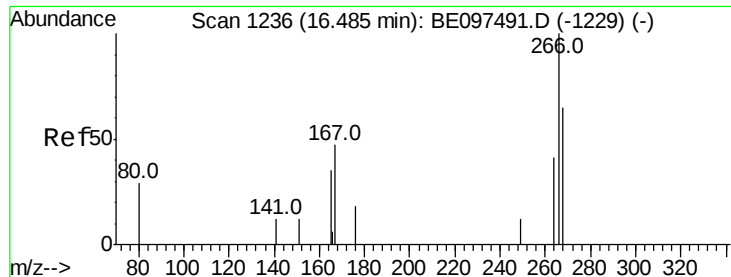
Tot Ion:172 Resp: 6468
 Ion Ratio Lower Upper
 172 100
 171 34.4 29.9 44.9
 170 22.8 21.8 32.8



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 16.75 min Scan# 1259
 Delta R.T. -0.01 min
 Lab File: BE097522.D
 Acq: 18 Sep 2018 8:06

Tgt Ion:188 Resp: 9584
 Ion Ratio Lower Upper
 188 100
 94 0.0 3.9 5.9#
 80 12.4 3.6 5.4#

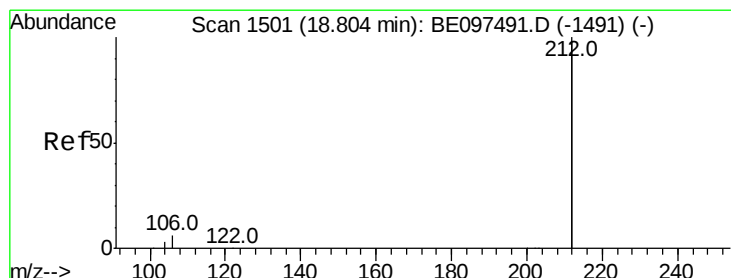
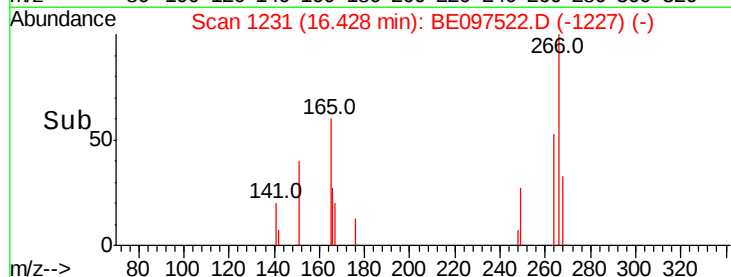
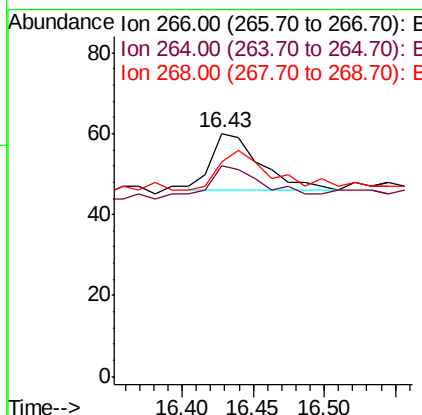
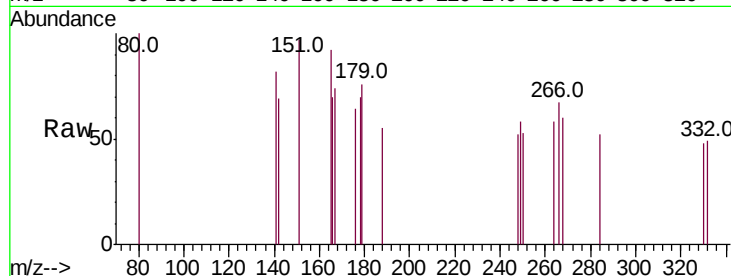




#22
 Pentachlorophenol
 Concen: 0.097 ng
 RT: 16.43 min Scan# 1231
 Delta R.T. -0.06 min
 Lab File: BE097522.D
 Acq: 18 Sep 2018 8:06

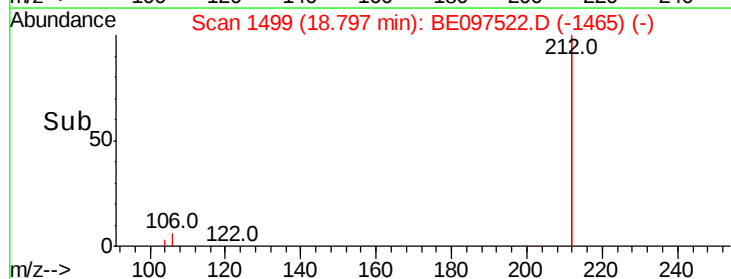
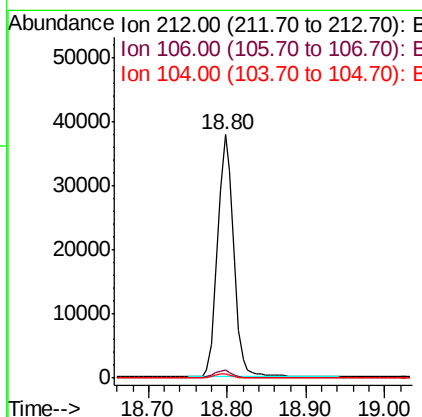
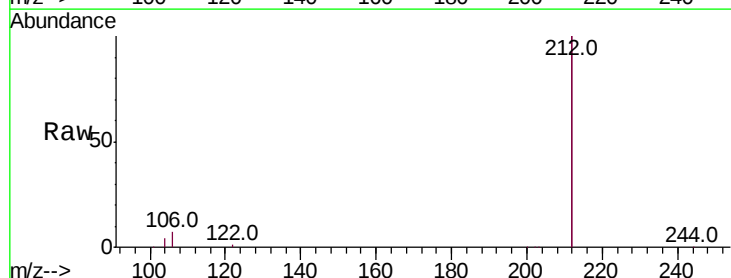
Instrument :
 BNA_E
 ClientSampleId :

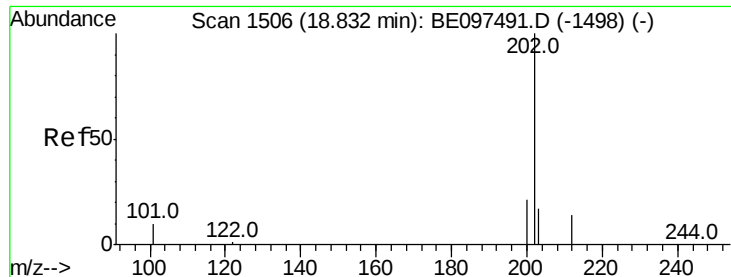
Tot Ion:266 Resp: 34
 Ion Ratio Lower Upper
 266 100
 264 86.7 72.5 108.7
 268 88.3 73.8 110.6



#25
 Fluoranthene-d10
 Concen: 0.459 ng
 RT: 18.80 min Scan# 1499
 Delta R.T. -0.01 min
 Lab File: BE097522.D
 Acq: 18 Sep 2018 8:06

Tgt Ion:212 Resp: 52895
 Ion Ratio Lower Upper
 212 100
 106 3.1 2.8 4.2
 104 1.7 1.6 2.4

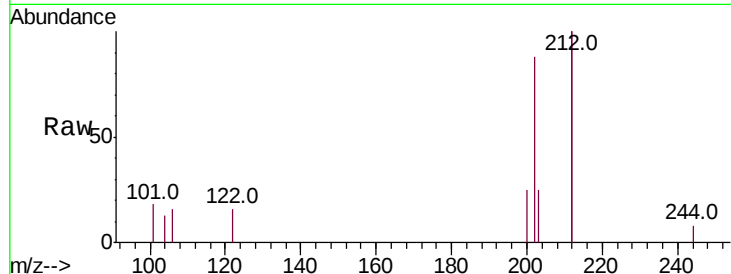




#26
 Fluoranthene
 Concen: 0.027 ng
 RT: 18.83 min Scan# 1504
 Delta R.T. -0.01 min
 Lab File: BE097522.D
 Acq: 18 Sep 2018 8:06

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	8.8	9.8	14.8#
203	22.1	13.7	20.5#

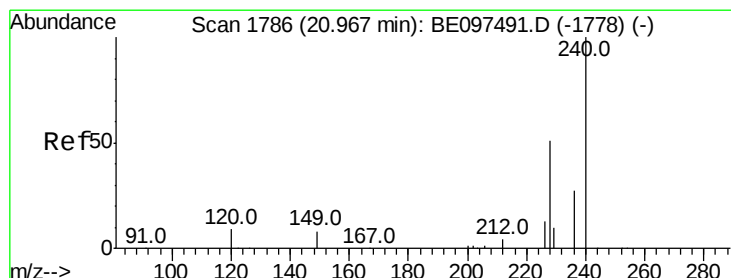
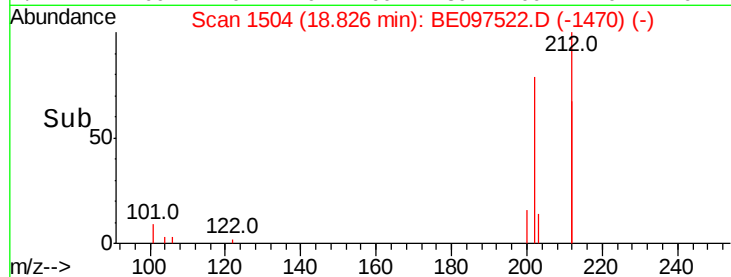
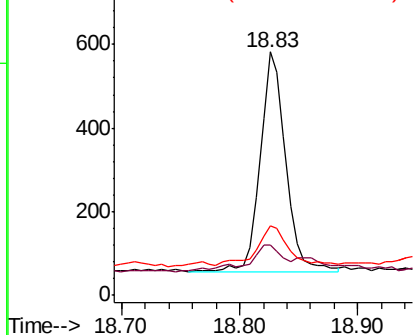


Abundance

Ion 202.00 (201.70 to 202.70): E

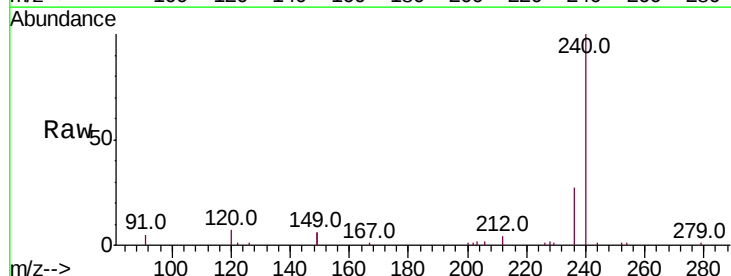
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 20.97 min Scan# 1785
 Delta R.T. 0.00 min
 Lab File: BE097522.D
 Acq: 18 Sep 2018 8:06

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.9	5.5	8.3
236	26.6	20.7	31.1

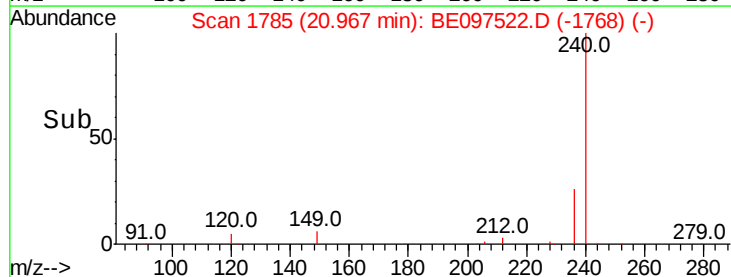
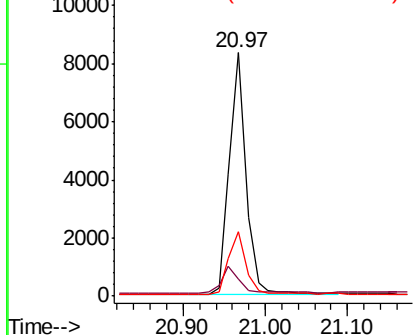


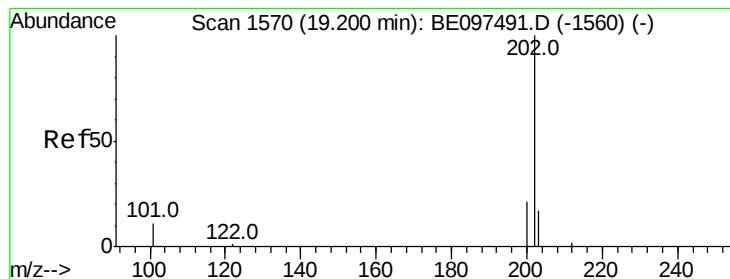
Abundance

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





#28

Pvrene

Concen: 0.022 ng

RT: 19.20 min Scan# 1569

Delta R.T. -0.00 min

Lab File: BE097522.D

Acq: 18 Sep 2018 8:06

Instrument :

BNA_E

ClientSampleId :

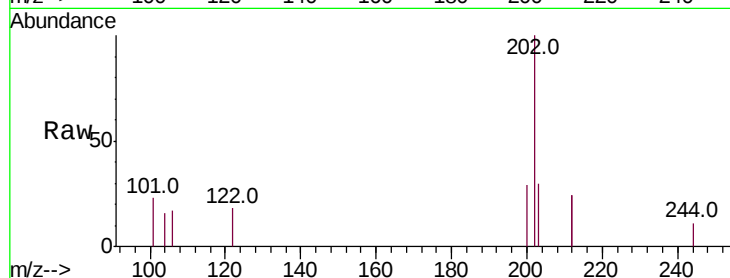
Tot Ion:202 Resp: 660

Ion Ratio Lower Upper

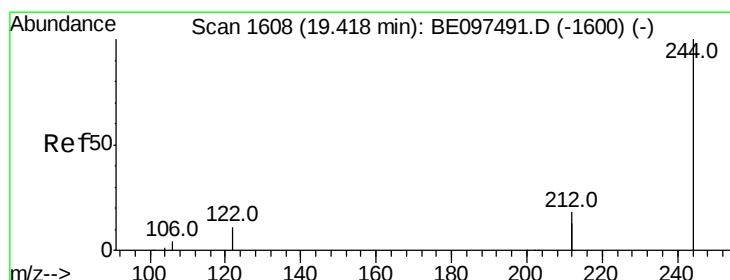
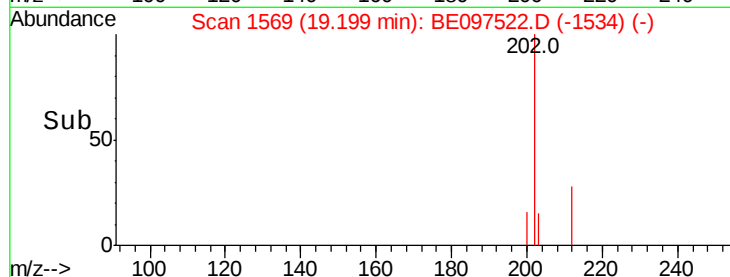
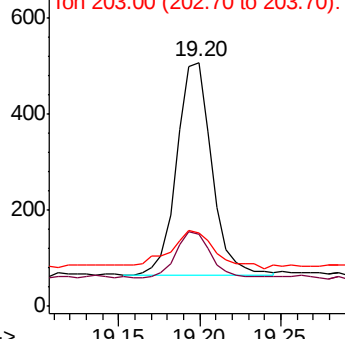
202 100

200 22.0 16.6 25.0

203 24.1 13.8 20.8#



Abundance Ion 202.00 (201.70 to 202.70): E



#29

Terphenyl-d14

Concen: 0.549 ng

RT: 19.41 min Scan# 1606

Delta R.T. -0.01 min

Lab File: BE097522.D

Acq: 18 Sep 2018 8:06

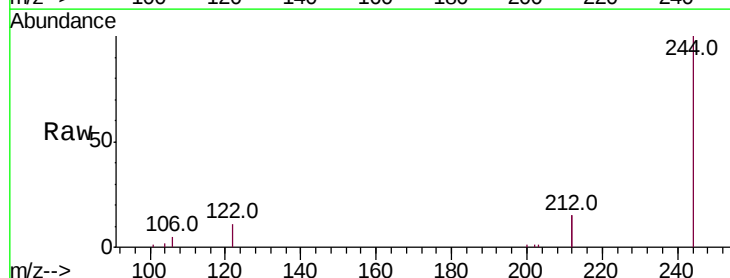
Tgt Ion:244 Resp: 12289

Ion Ratio Lower Upper

244 100

212 30.6 25.4 38.0

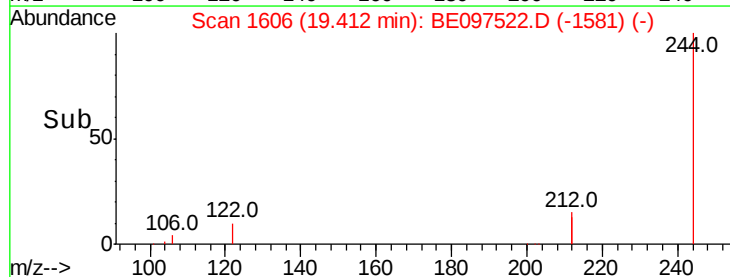
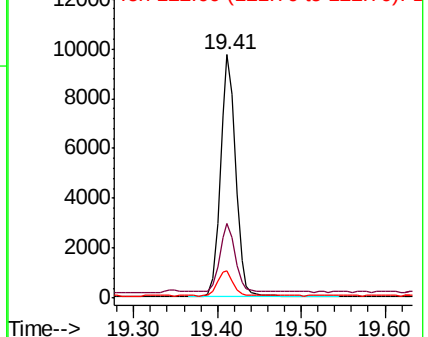
122 11.1 8.1 12.1

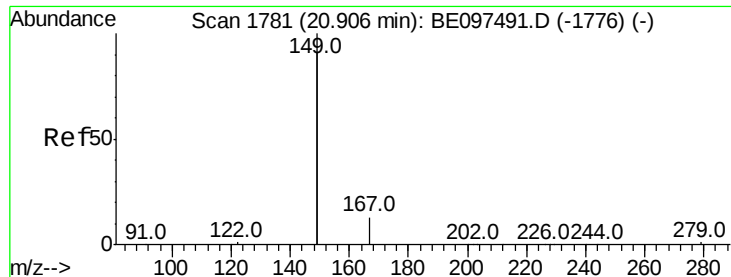


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

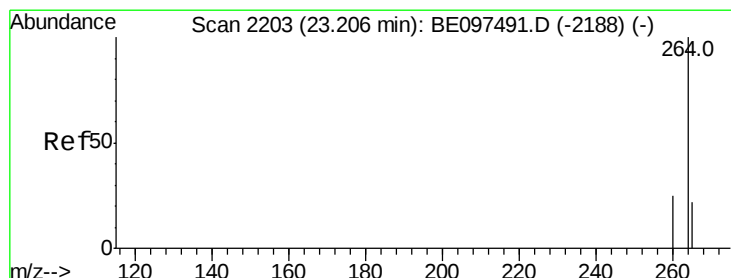
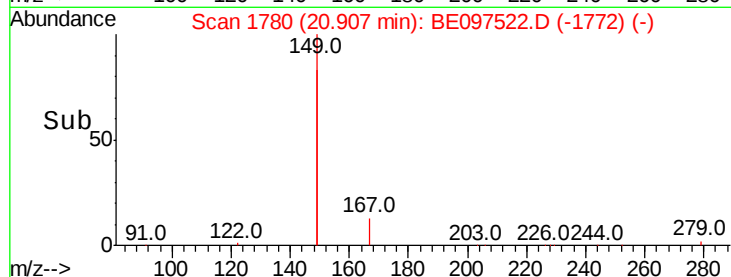
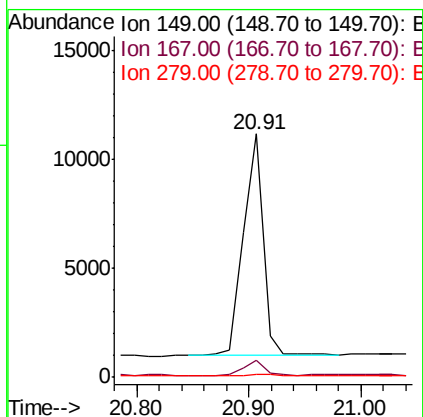
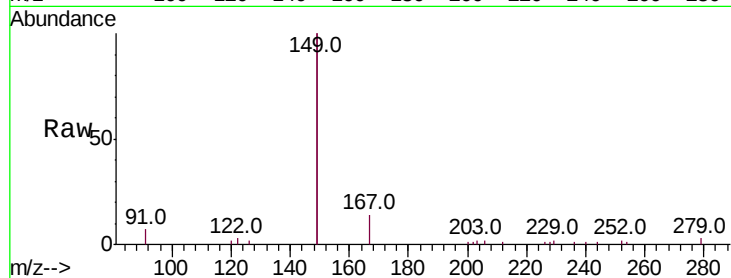




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.193 ng
 RT: 20.91 min Scan# 1780
 Delta R.T. 0.00 min
 Lab File: BE097522.D
 Acq: 18 Sep 2018 8:06

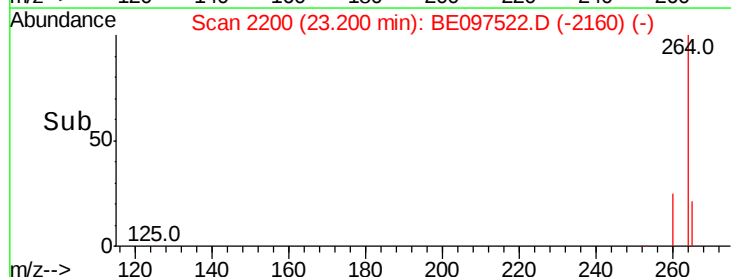
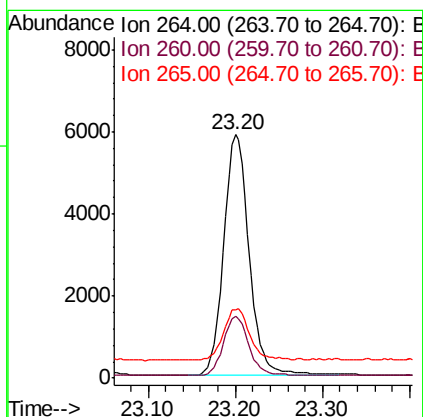
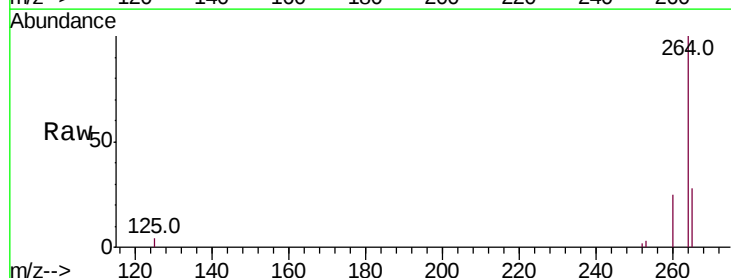
Instrument :
 BNA_E
 ClientSampleID :

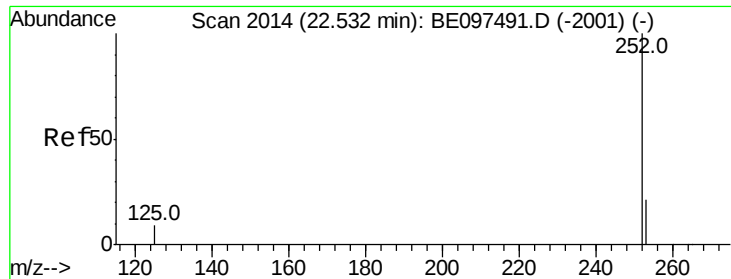
Tot Ion:149 Resp: 12618
 Ion Ratio Lower Upper
 149 100
 167 6.5 5.4 8.0
 279 1.1 0.7 1.1#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.20 min Scan# 2200
 Delta R.T. -0.01 min
 Lab File: BE097522.D
 Acq: 18 Sep 2018 8:06

Tgt Ion:264 Resp: 11901
 Ion Ratio Lower Upper
 264 100
 260 25.3 20.5 30.7
 265 28.2 22.8 34.2

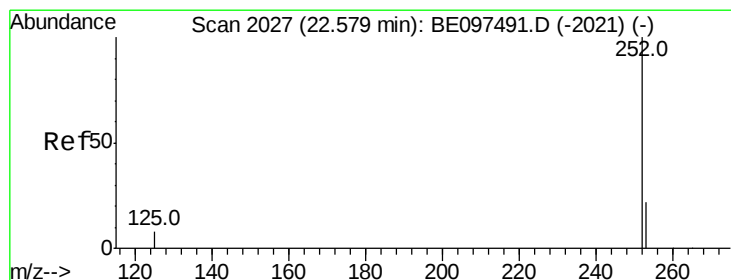
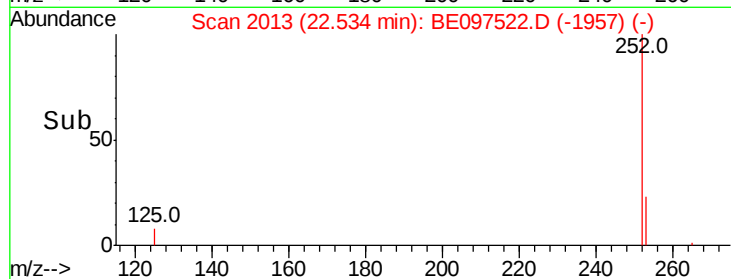
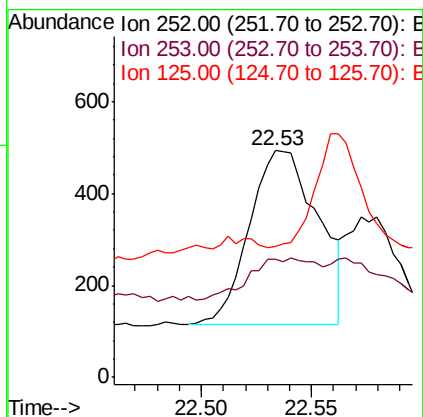
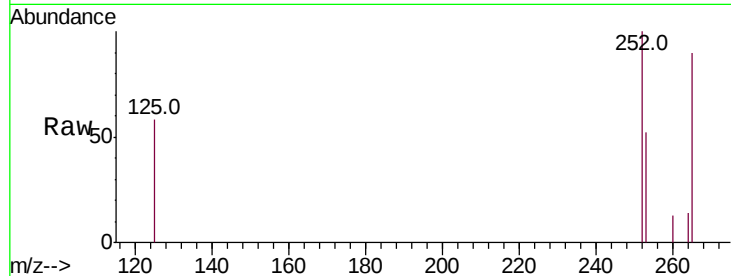




#35
Benzo(b)fluoranthene
Concen: 0.027 ng
RT: 22.53 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BE097522.D
Acq: 18 Sep 2018 8:06

Instrument :
BNA_E
ClientSampleId :

Tot Ion:252 Resp: 818
Ion Ratio Lower Upper
252 100
253 52.3 20.0 30.0#
125 57.6 16.0 24.0#



#36
Benzo(k)fluoranthene
Concen: 0.025 ng
RT: 22.53 min Scan# 2013
Delta R.T. -0.05 min
Lab File: BE097522.D
Acq: 18 Sep 2018 8:06

Tgt Ion:252 Resp: 818
Ion Ratio Lower Upper
252 100
253 52.3 16.0 24.0#
125 57.6 8.0 12.0#

