

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092118\
 Data File : BE097622.D
 Acq On : 21 Sep 2018 21:37
 Operator : SJ/JU
 Sample : J4954-15
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SA-PZ123S-20180914

Quant Time: Sep 22 04:09:31 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

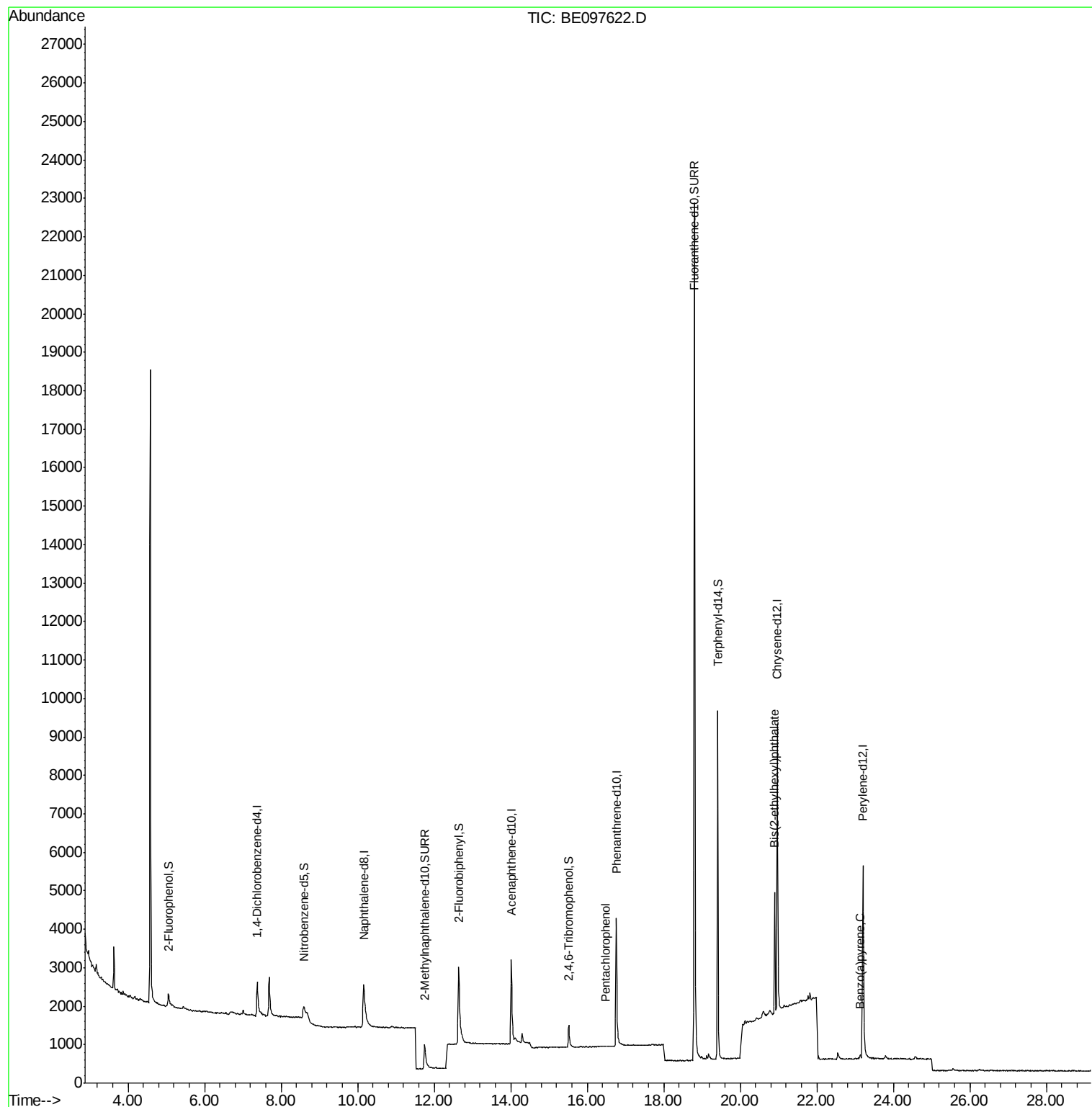
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	654	0.40	ng	0.00
7) Naphthalene-d8	10.16	136	2901	0.40	ng	0.03
13) Acenaphthene-d10	14.01	164	2021	0.40	ng	0.01
19) Phenanthrene-d10	16.77	188	6553	0.40	ng	0.01
27) Chrysene-d12	20.97	240	8361	0.40	ng	0.00
34) Perylene-d12	23.21	264	8156	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.07	112	343	0.18	ng	0.01
5) Phenol-d6	0.00	99	0	0.00	ng	
8) Nitrobenzene-d5	8.59	82	643	0.29	ng	0.06
11) 2-Methylnaphthalene-d10	11.75	152	1874	0.47	ng	0.04
14) 2,4,6-Tribromophenol	15.52	330	474	0.57	ng	0.00
15) 2-Fluorobiphenyl	12.64	172	3689	0.52	ng	0.02
25) Fluoranthene-d10	18.80	212	35825	0.43	ng	0.00
29) Terphenyl-d14	19.41	244	8384	0.55	ng	0.00
Target Compounds						
22) Pentachlorophenol	16.47	266	15	0.140	ng	95
32) Bis(2-ethylhexyl)phthalate	20.89	149	4458	0.137	ng	99
37) Benzo(a)pyrene	23.12	252	44	0.023	ng	# 1

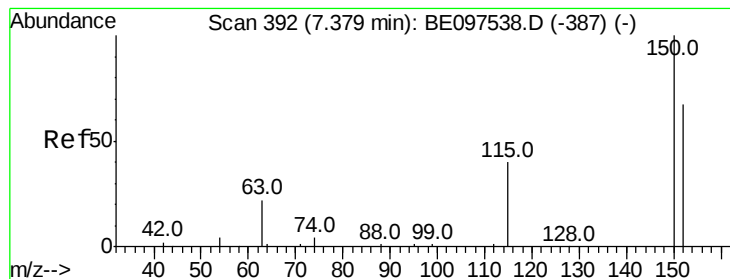
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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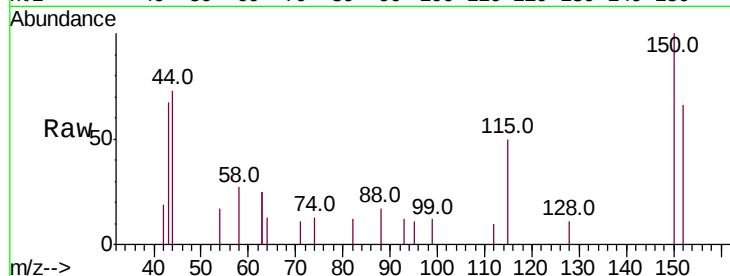


#1

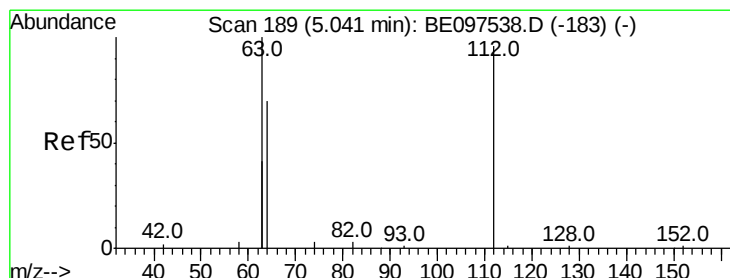
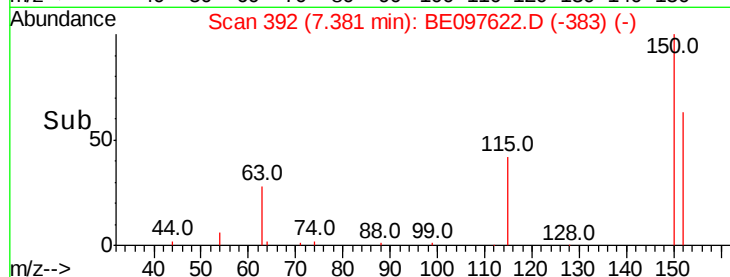
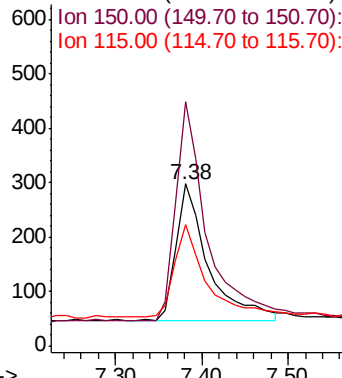
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. 0.00 min
Lab File: BE097622.D
Acq: 21 Sep 2018 21:37

Instrument :
BNA_E
ClientSampleId :
SA-PZ123S-20180914

Tot Ion:152 Resp: 654
Ion Ratio Lower Upper
152 100
150 150.8 117.2 175.8
115 74.7 57.0 85.6



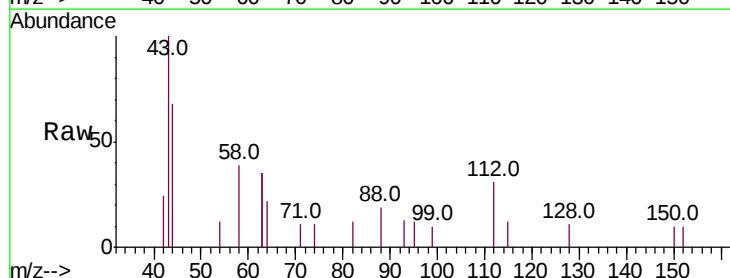
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



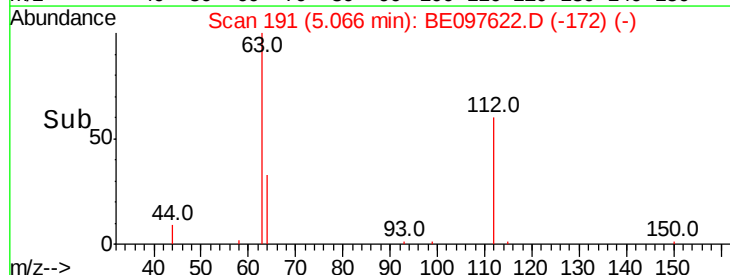
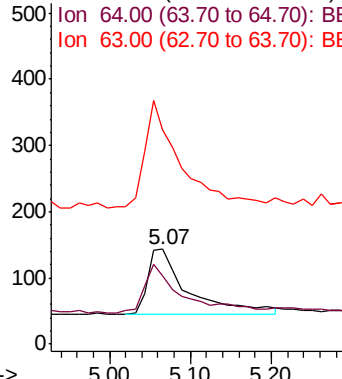
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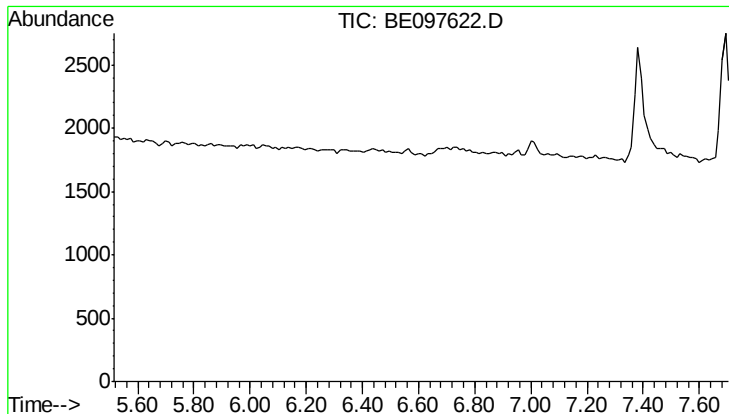
2-Fluorophenol
Concen: 0.175 ng
RT: 5.07 min Scan# 191
Delta R.T. 0.01 min
Lab File: BE097622.D
Acq: 21 Sep 2018 21:37

Tgt Ion:112 Resp: 343
Ion Ratio Lower Upper
112 100
64 66.8 60.1 90.1
63 146.9 116.8 175.2



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: 0.000 ng

Expected RT: 6.61 min

Lab File: BE097622.D

Acq: 21 Sep 2018 21:37

Instrument :

BNA_E

ClientSampleId :

SA-PZ123S-20180914

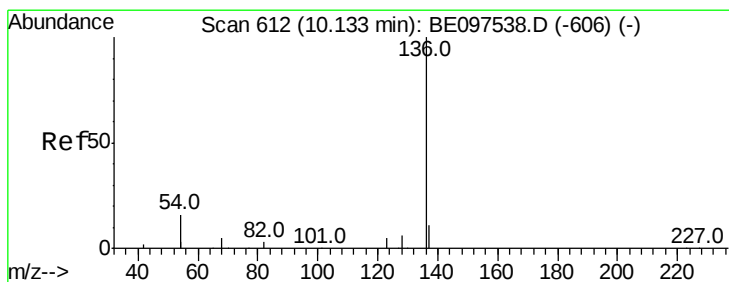
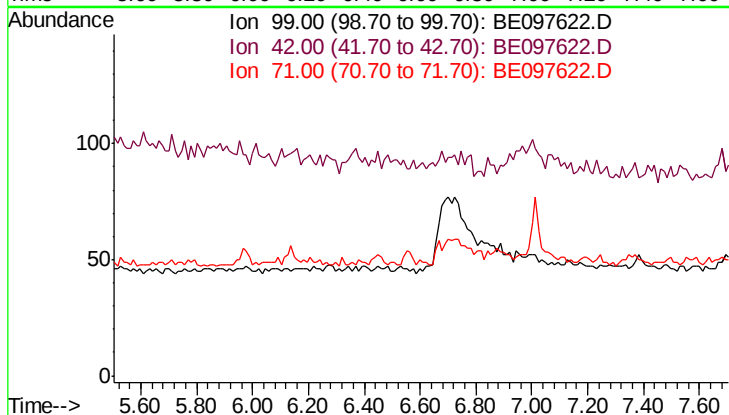
Tot Ion: 99

Sig Exp Ratio

99 100

42 25.2

71 35.5



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.16 min Scan# 614

Delta R.T. 0.03 min

Lab File: BE097622.D

Acq: 21 Sep 2018 21:37

Tgt Ion:136 Resp: 2901

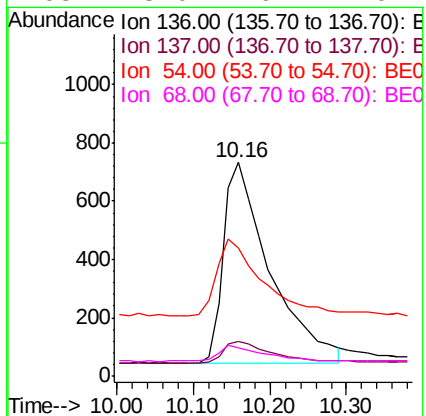
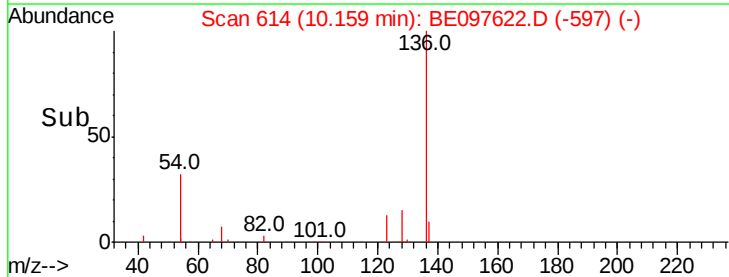
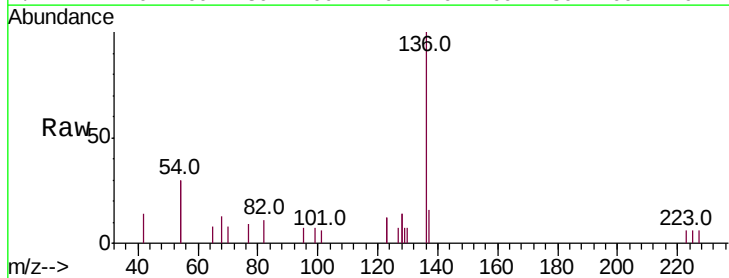
Ion Ratio Lower Upper

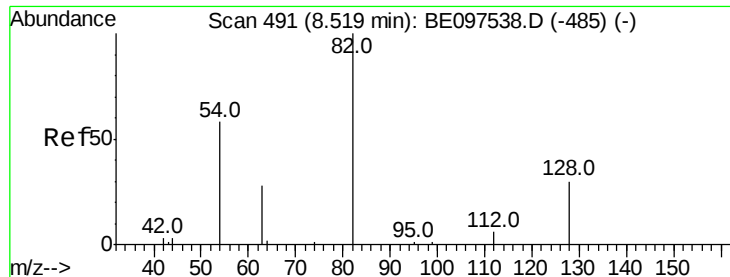
136 100

137 16.0 9.5 14.3#

54 60.0 29.1 43.7#

68 13.0 6.2 9.2#





#8

Nitrobenzene-d5

Concen: 0.287 ng

RT: 8.59 min Scan# 497

Delta R.T. 0.06 min

Lab File: BE097622.D

Acq: 21 Sep 2018 21:37

Instrument :

BNA_E

ClientSampleId :

SA-PZ123S-20180914

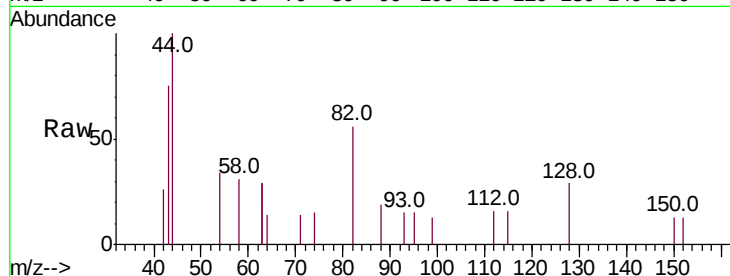
Tot Ion: 82 Resp: 643

Ion Ratio Lower Upper

82 100

128 52.1 24.0 36.0#

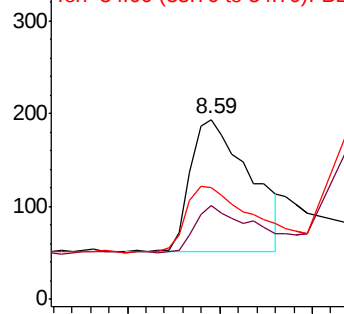
54 61.9 40.0 60.0#



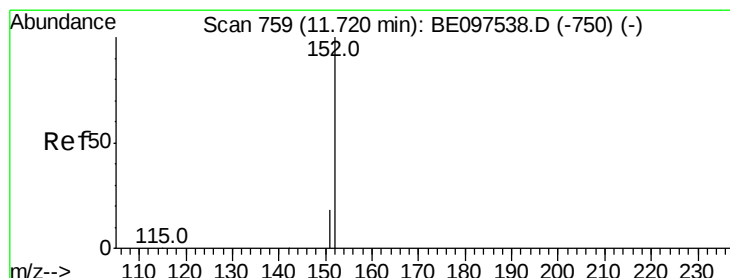
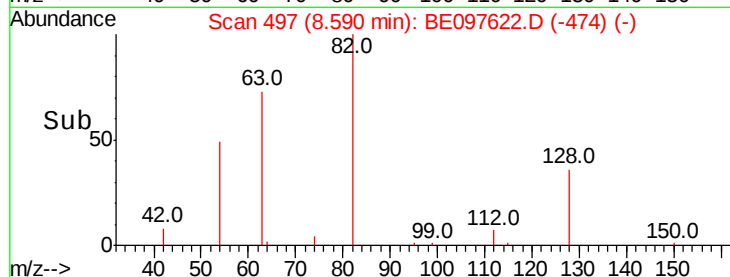
Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.469 ng

RT: 11.75 min Scan# 766

Delta R.T. 0.04 min

Lab File: BE097622.D

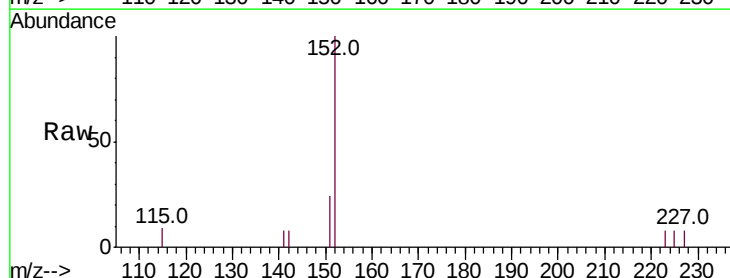
Acq: 21 Sep 2018 21:37

Tgt Ion: 152 Resp: 1874

Ion Ratio Lower Upper

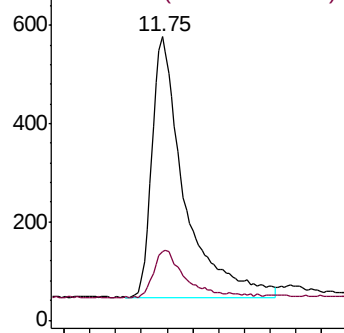
152 100

151 16.9 15.4 23.0

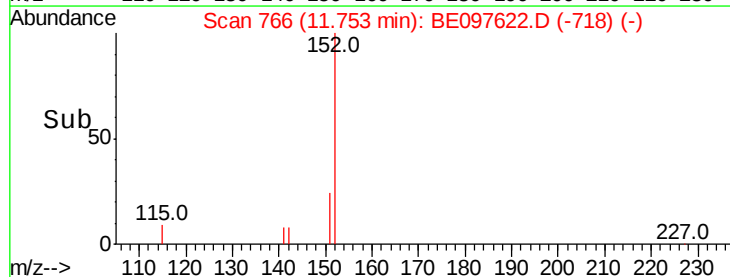


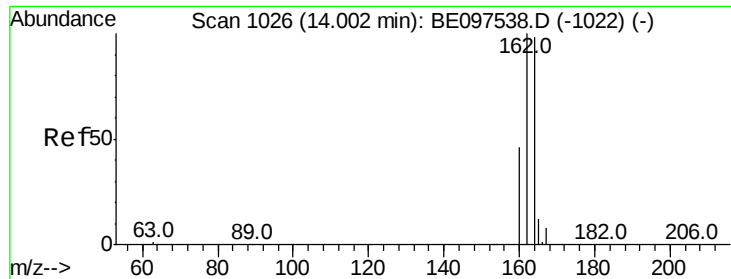
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



Time-->

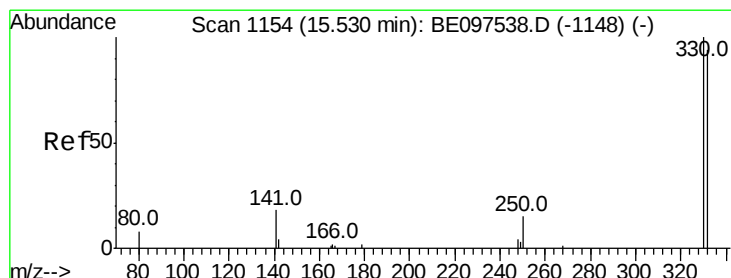
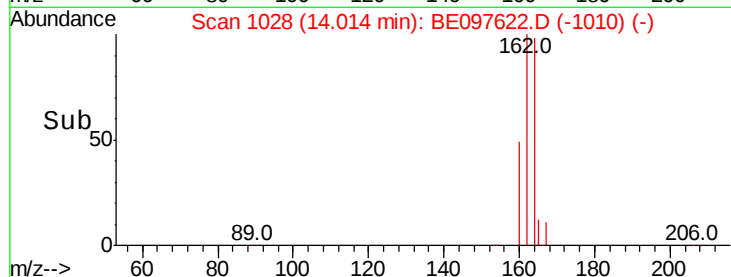
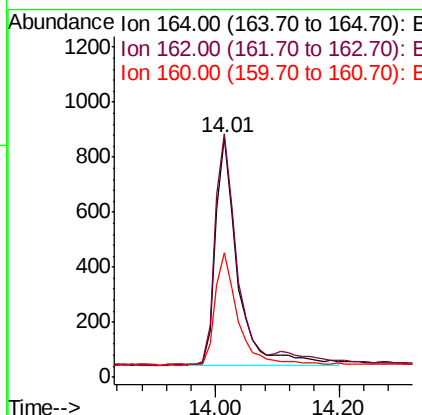
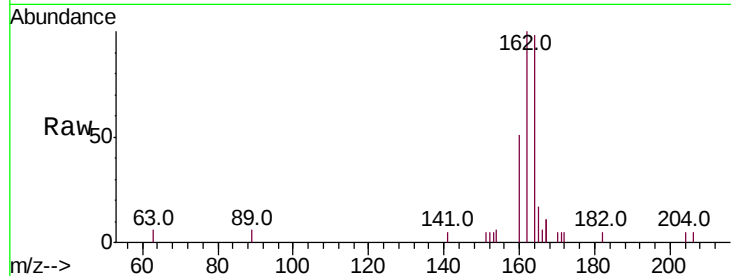




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.01 min Scan# 1028
 Delta R.T. 0.01 min
 Lab File: BE097622.D
 Acq: 21 Sep 2018 21:37

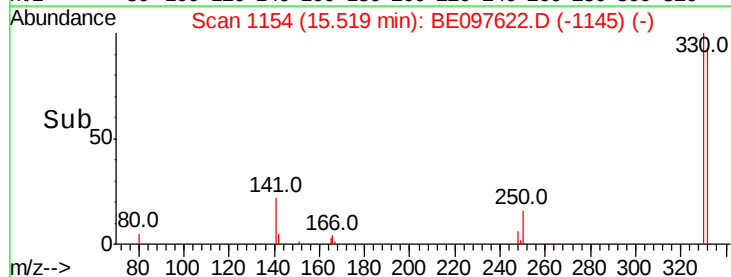
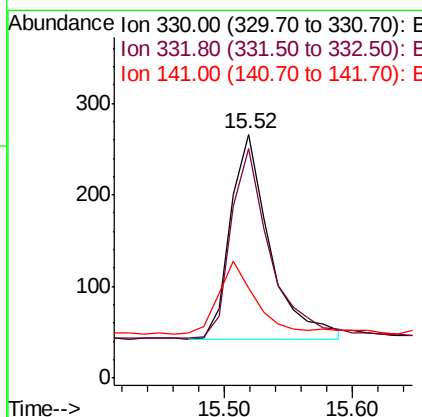
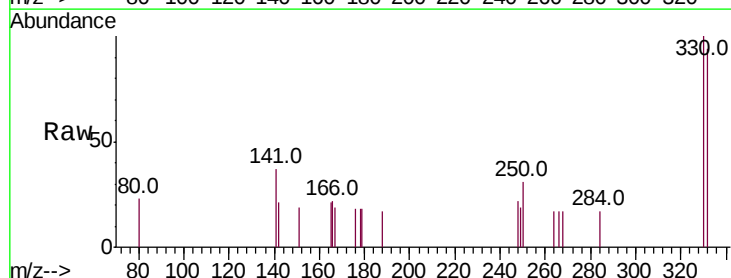
Instrument :
 BNA_E
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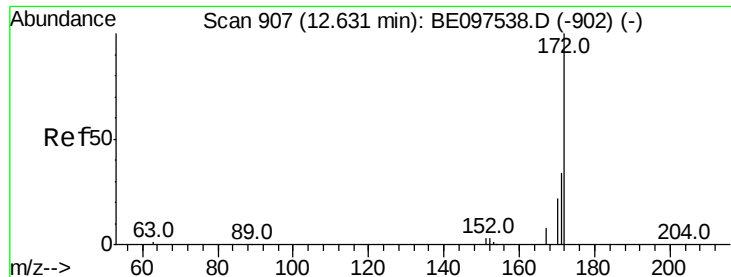
Tot Ion:164 Resp: 2021
 Ion Ratio Lower Upper
 164 100
 162 101.6 83.1 124.7
 160 52.0 37.1 55.7



#14
 2,4,6-Tribromophenol
 Concen: 0.569 ng
 RT: 15.52 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: BE097622.D
 Acq: 21 Sep 2018 21:37

Tgt Ion:330 Resp: 474
 Ion Ratio Lower Upper
 330 100
 332 92.4 152.7 229.1#
 141 35.0 33.7 50.5

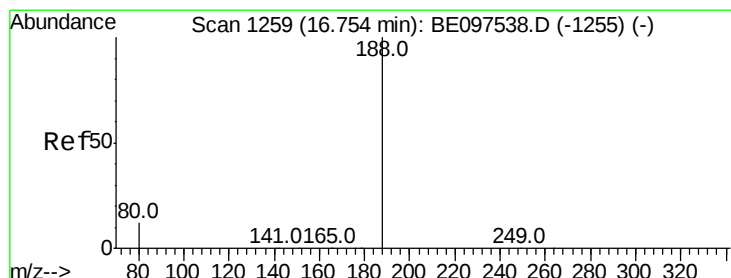
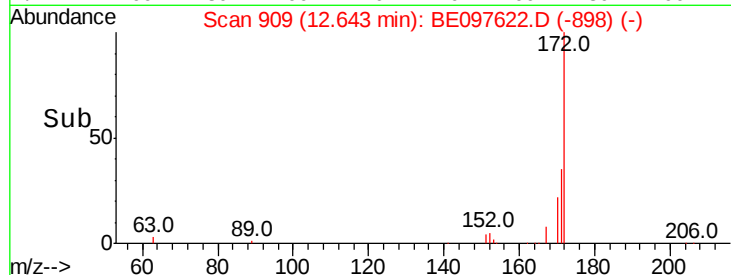
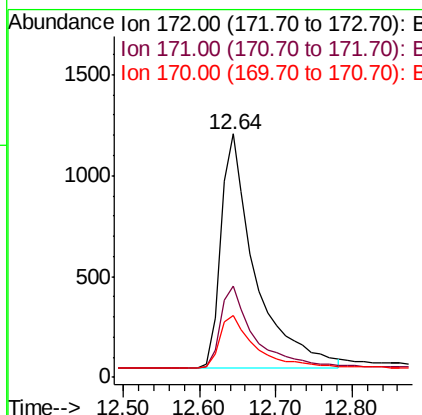
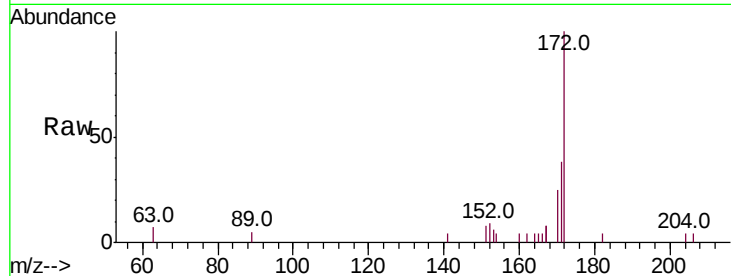




#15
2-Fluorobiphenyl
Concen: 0.517 ng
RT: 12.64 min Scan# 909
Delta R.T. 0.02 min
Lab File: BE097622.D
Acq: 21 Sep 2018 21:37

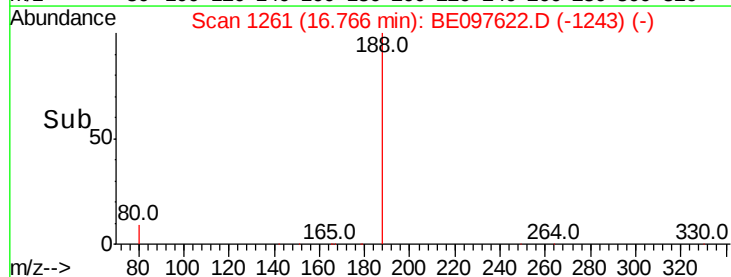
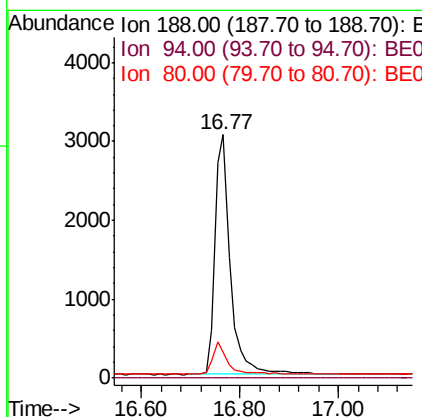
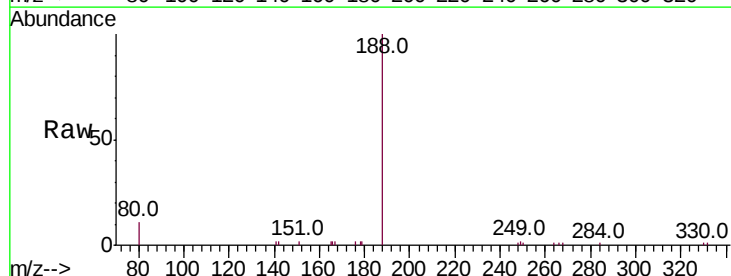
Instrument :
BNA_E
ClientSampleId :
SA-PZ123S-20180914

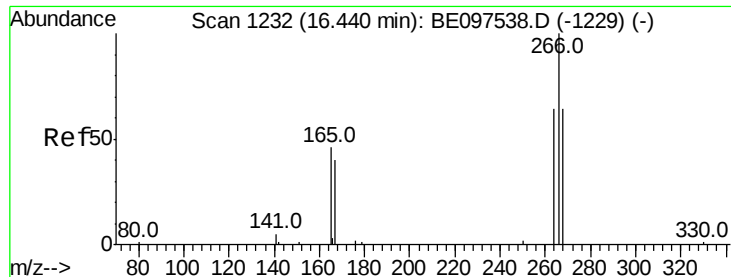
Tot Ion:172 Resp: 3689
Ion Ratio Lower Upper
172 100
171 37.6 29.9 44.9
170 25.2 21.8 32.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.77 min Scan# 1261
Delta R.T. 0.01 min
Lab File: BE097622.D
Acq: 21 Sep 2018 21:37

Tgt Ion:188 Resp: 6553
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 10.6 3.6 5.4#

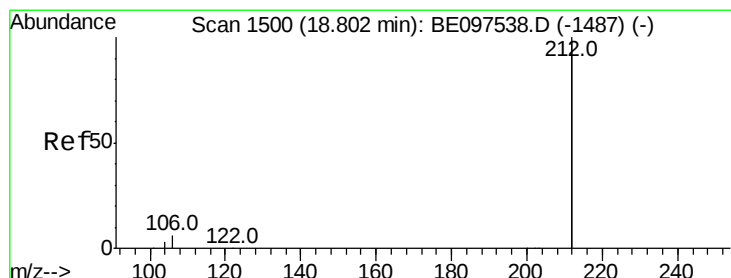
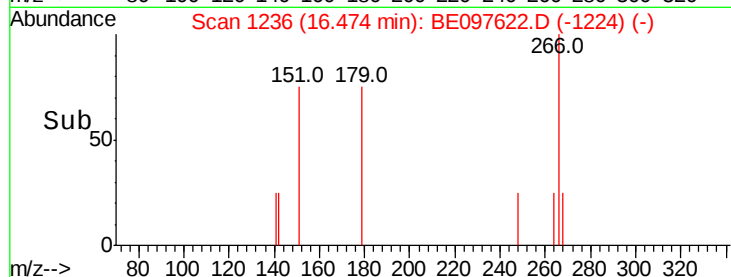
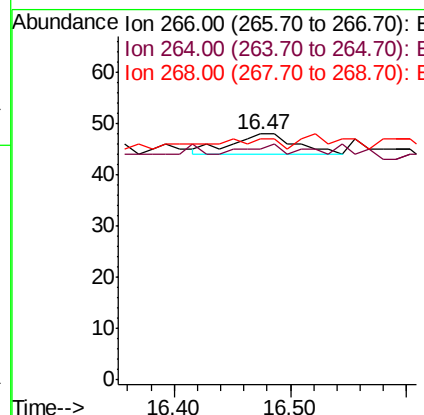
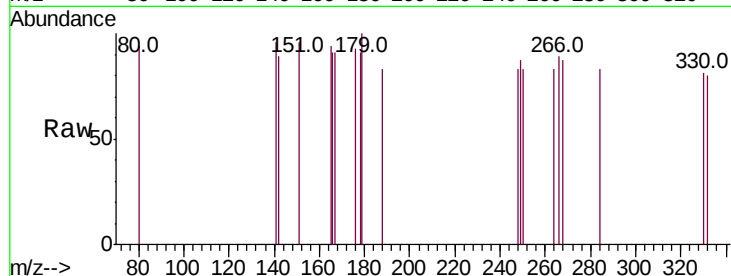




#22
 Pentachlorophenol
 Concen: 0.140 ng
 RT: 16.47 min Scan# 1236
 Delta R.T. 0.03 min
 Lab File: BE097622.D
 Acq: 21 Sep 2018 21:37

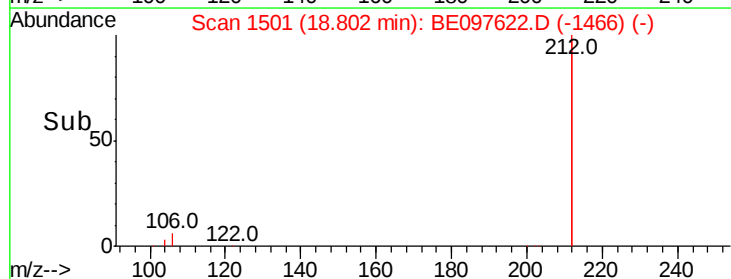
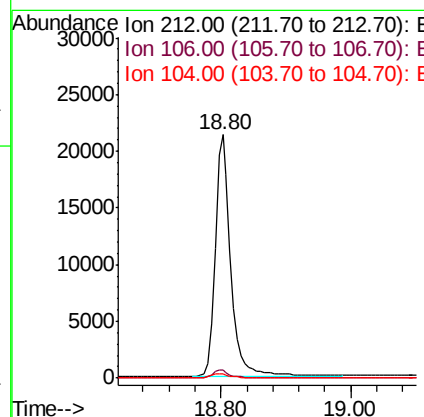
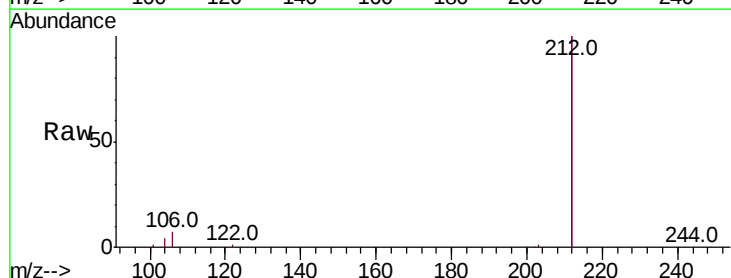
Instrument :
 BNA_E
 ClientSampleId :
 SA-PZ123S-20180914

Tot Ion:266 Resp: 15
 Ion Ratio Lower Upper
 266 100
 264 93.8 72.5 108.7
 268 97.9 73.8 110.6



#25
 Fluoranthene-d10
 Concen: 0.427 ng
 RT: 18.80 min Scan# 1501
 Delta R.T. -0.00 min
 Lab File: BE097622.D
 Acq: 21 Sep 2018 21:37

Tgt Ion:212 Resp: 35825
 Ion Ratio Lower Upper
 212 100
 106 3.2 2.8 4.2
 104 1.8 1.6 2.4





#27

Chrysene-d12

Concen: 0.400 ng

RT: 20.97 min Scan# 1786

Delta R.T. -0.00 min

Lab File: BE097622.D

Acq: 21 Sep 2018 21:37

Instrument :

BNA_E

ClientSampleId :

SA-PZ123S-20180914

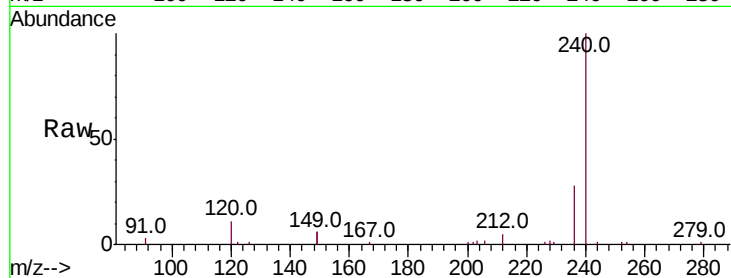
Tot Ion:240 Resp: 8361

Ion Ratio Lower Upper

240 100

120 10.9 5.5 8.3#

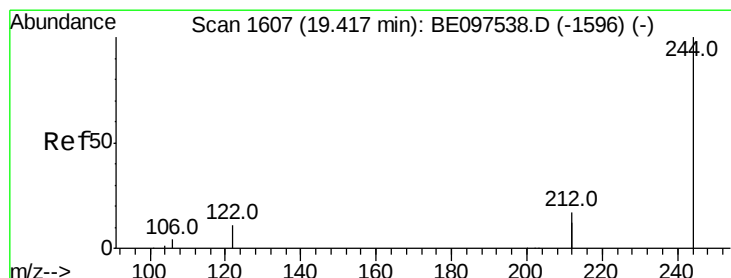
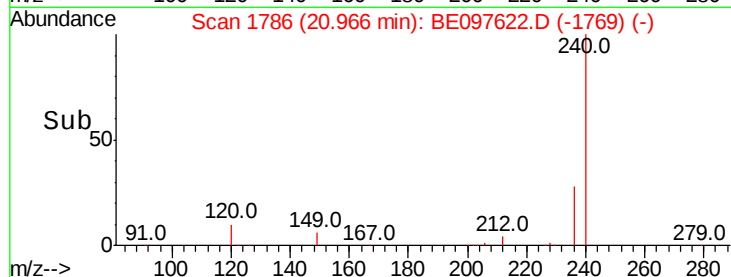
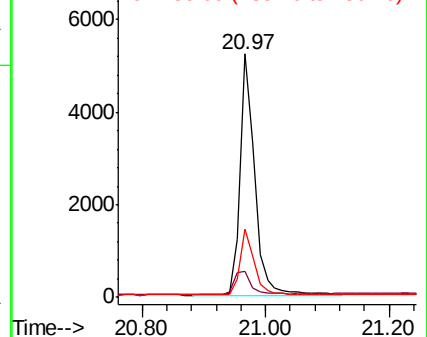
236 28.3 20.7 31.1



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: 0.548 ng

RT: 19.41 min Scan# 1607

Delta R.T. -0.01 min

Lab File: BE097622.D

Acq: 21 Sep 2018 21:37

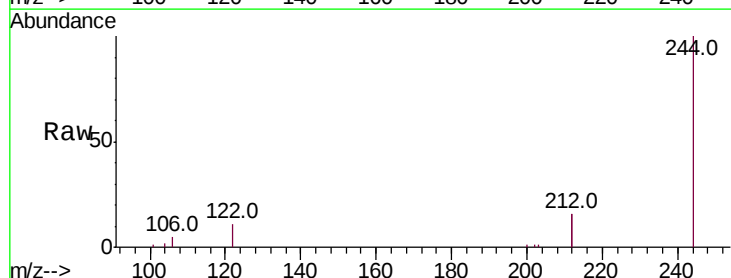
Tgt Ion:244 Resp: 8384

Ion Ratio Lower Upper

244 100

212 32.4 25.4 38.0

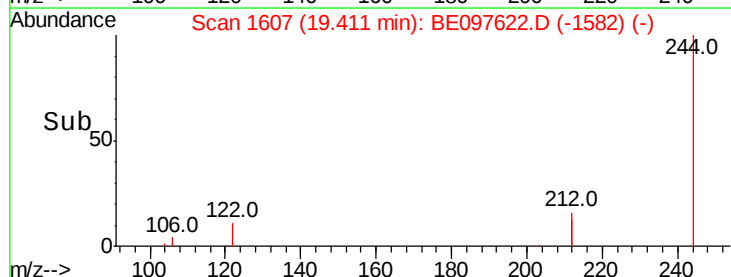
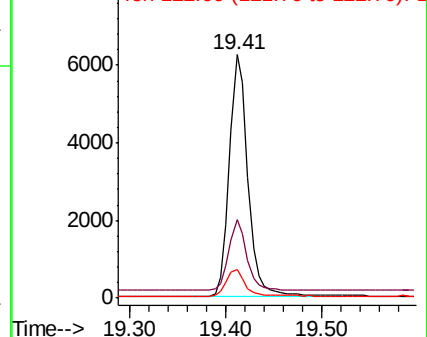
122 11.5 8.1 12.1



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

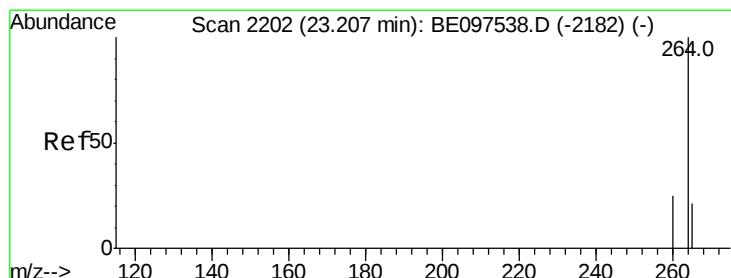
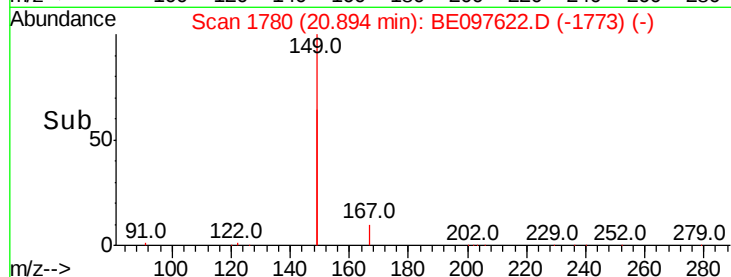
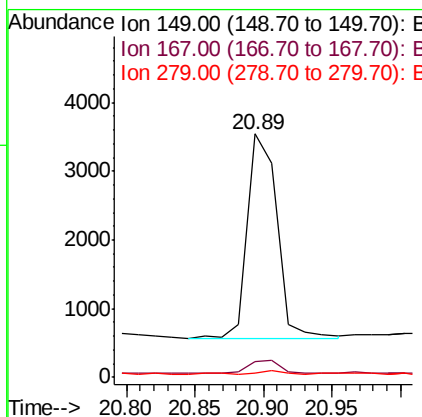
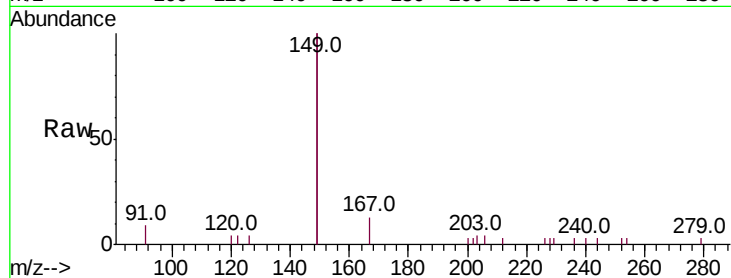




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.137 ng
 RT: 20.89 min Scan# 1780
 Delta R.T. -0.01 min
 Lab File: BE097622.D
 Acq: 21 Sep 2018 21:37

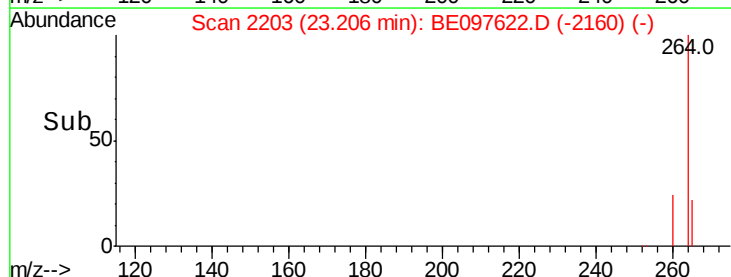
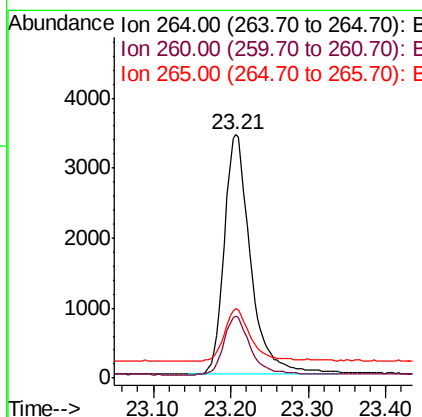
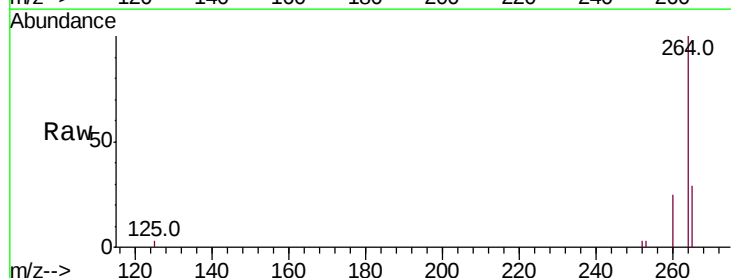
Instrument :
 BNA_E
 ClientSampleId :
 SA-PZ123S-20180914

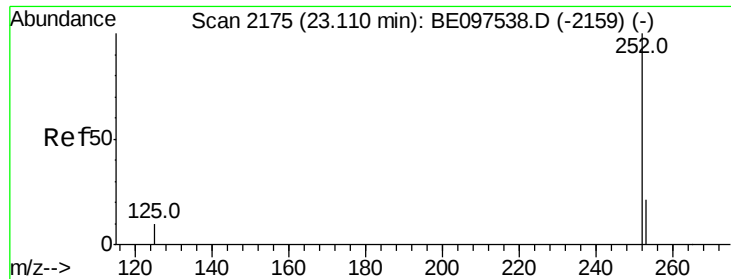
Tot Ion:149 Resp: 4458
 Ion Ratio Lower Upper
 149 100
 167 6.4 5.4 8.0
 279 1.1 0.7 1.1



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.21 min Scan# 2203
 Delta R.T. 0.00 min
 Lab File: BE097622.D
 Acq: 21 Sep 2018 21:37

Tgt Ion:264 Resp: 8156
 Ion Ratio Lower Upper
 264 100
 260 25.2 20.5 30.7
 265 28.5 22.8 34.2





#37

Benzo(a)pyrene

Concen: 0.023 ng

RT: 23.12 min Scan# 2180

Delta R.T. 0.02 min

Lab File: BE097622.D

Acq: 21 Sep 2018 21:37

Instrument :

BNA_E

ClientSampleId :

SA-PZ123S-20180914

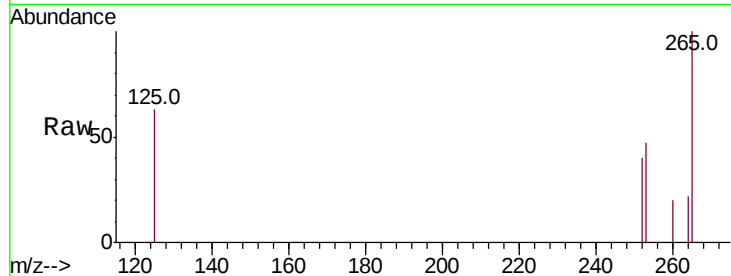
Tot Ion:252 Resp: 44

Ion Ratio Lower Upper

252 100

253 118.2 16.0 24.0#

125 158.6 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

