

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092118\
 Data File : BE097632.D
 Acq On : 22 Sep 2018 4:25
 Operator : SJ/JU
 Sample : J4980-06
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-DUP04-20180916

Quant Time: Sep 22 05:04:21 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

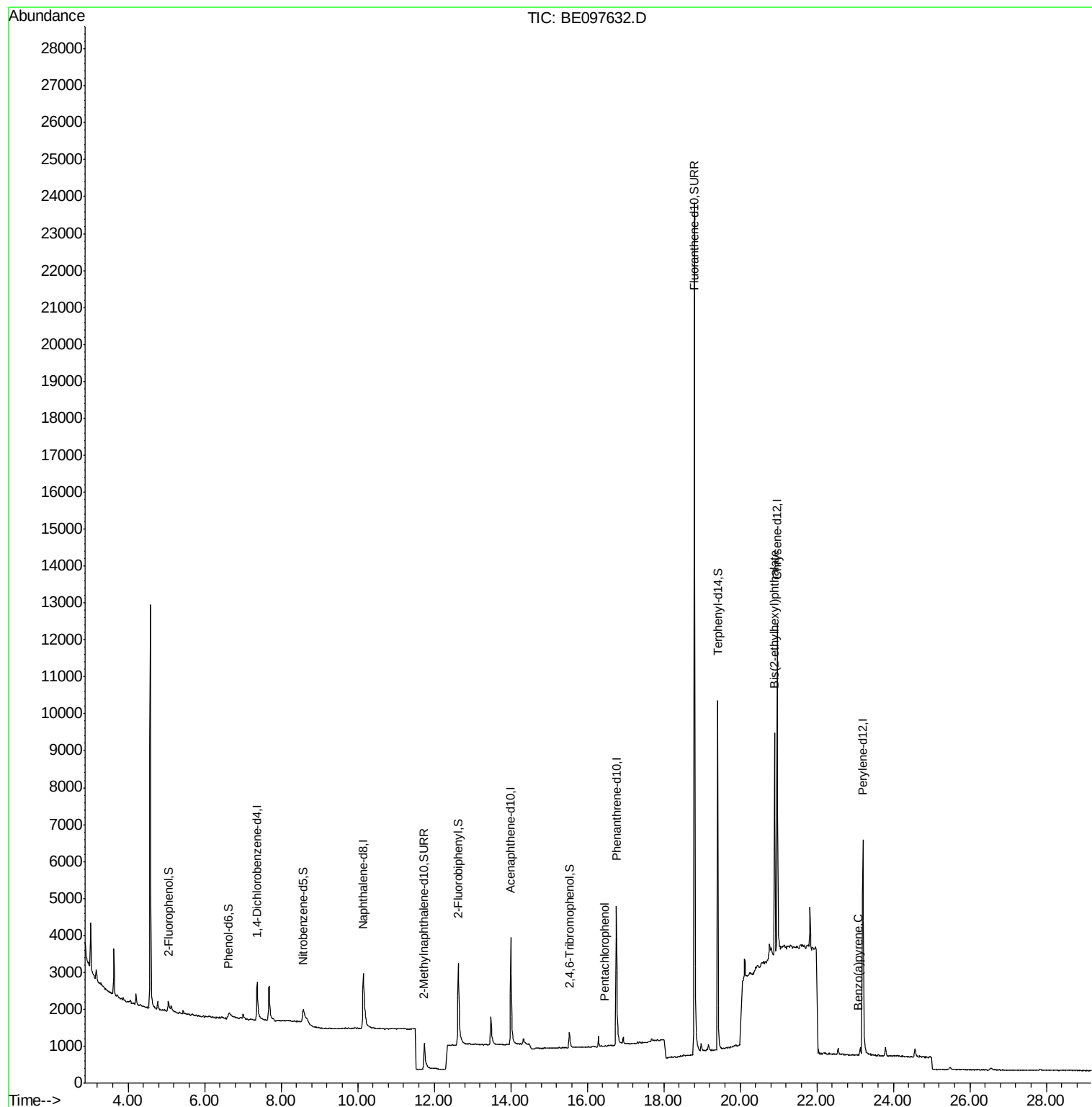
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	703	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	3224	0.40	ng	0.01
13) Acenaphthene-d10	14.00	164	2133	0.40	ng	0.00
19) Phenanthrene-d10	16.76	188	7021	0.40	ng	0.01
27) Chrysene-d12	20.97	240	9549	0.40	ng	0.00
34) Perylene-d12	23.20	264	9223	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	285	0.14	ng	0.00
5) Phenol-d6	6.63	99	139	0.05	ng	0.03
8) Nitrobenzene-d5	8.58	82	695	0.28	ng	0.05
11) 2-Methylnaphthalene-d10	11.74	152	1776	0.40	ng	0.02
14) 2,4,6-Tribromophenol	15.53	330	334	0.41	ng	0.01
15) 2-Fluorobiphenyl	12.63	172	3322	0.44	ng	0.01
25) Fluoranthene-d10	18.80	212	36829	0.41	ng	0.00
29) Terphenyl-d14	19.41	244	8862	0.51	ng	0.00
Target Compounds						
22) Pentachlorophenol	16.46	266	16	0.140	ng	Qvalue 91
32) Bis(2-ethylhexyl)phthalate	20.89	149	7232	0.190	ng	# 100
37) Benzo(a)pyrene	23.08	252	2	0.021	ng	# 1

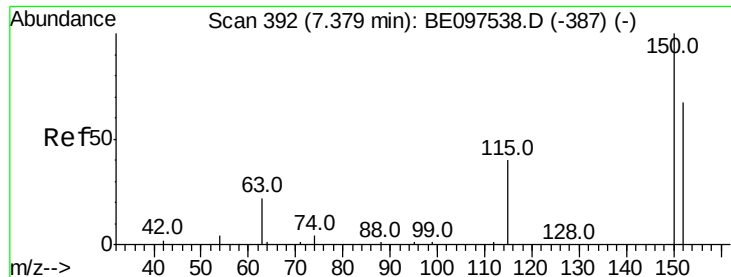
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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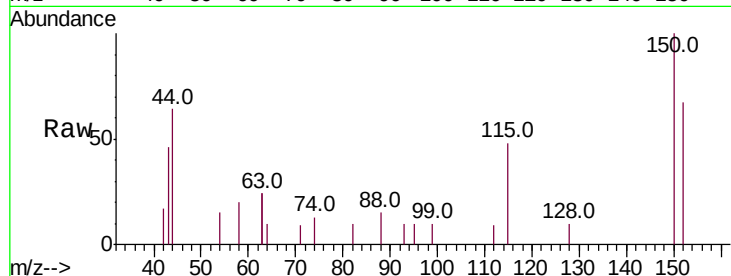


#1

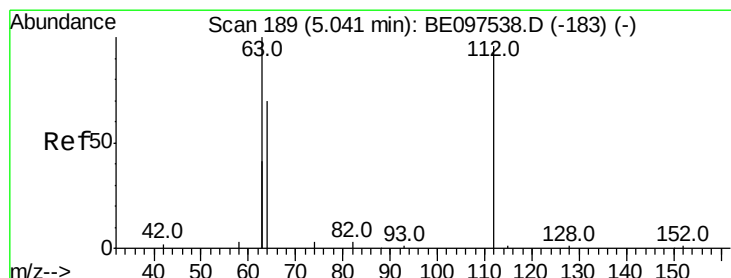
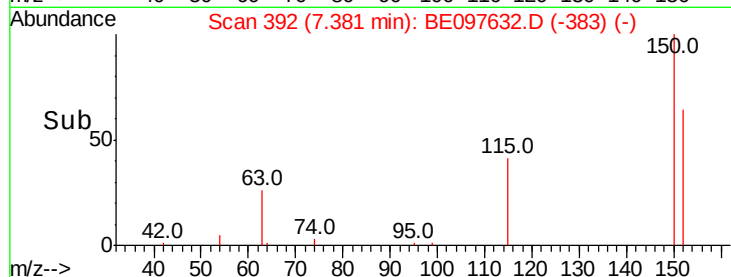
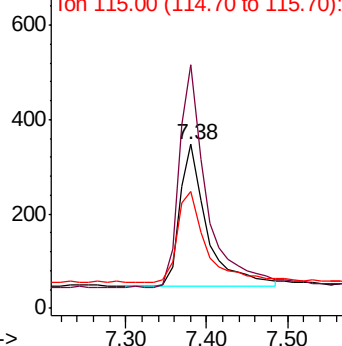
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. 0.00 min
Lab File: BE097632.D
Acq: 22 Sep 2018 4:25

Instrument :
BNA_E
ClientSampleId :
BP-DUP04-20180916

Tot Ion:152 Resp: 703
Ion Ratio Lower Upper
152 100
150 148.7 117.2 175.8
115 71.2 57.0 85.6



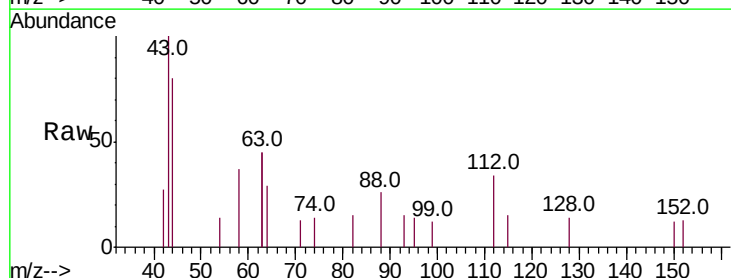
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



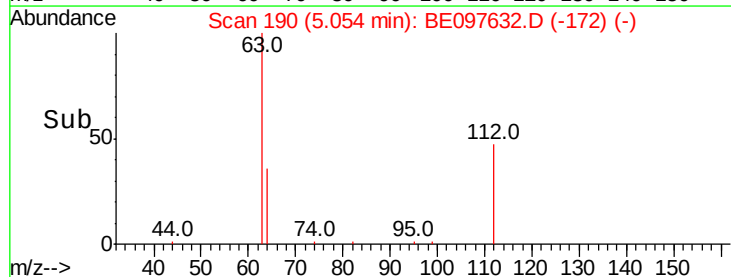
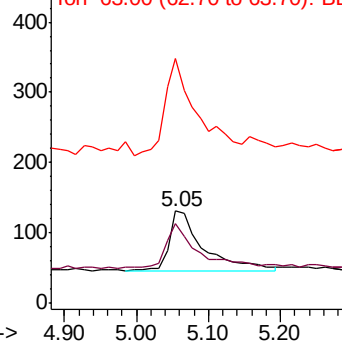
#4

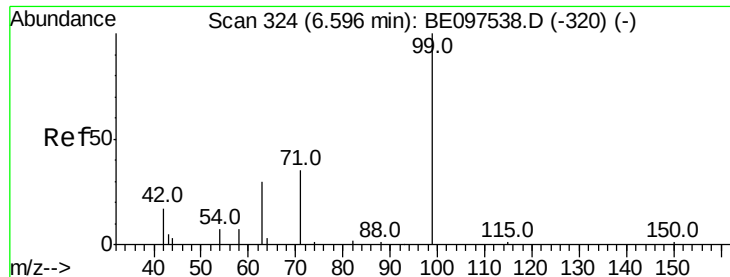
2-Fluorophenol
Concen: 0.135 ng
RT: 5.05 min Scan# 190
Delta R.T. 0.00 min
Lab File: BE097632.D
Acq: 22 Sep 2018 4:25

Tgt Ion:112 Resp: 285
Ion Ratio Lower Upper
112 100
64 68.8 60.1 90.1
63 151.2 116.8 175.2



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: 0.052 ng

RT: 6.63 min Scan# 327

Delta R.T. 0.03 min

Lab File: BE097632.D

Acq: 22 Sep 2018 4:25

Instrument :

BNA_E

ClientSampleId :

BP-DUP04-20180916

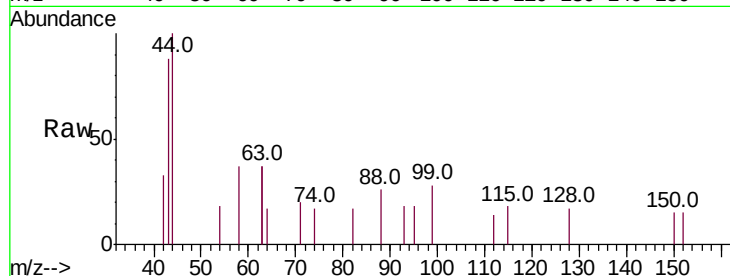
Tot Ion: 99 Resp: 139

Ion Ratio Lower Upper

99 100

42 33.8 20.2 30.2#

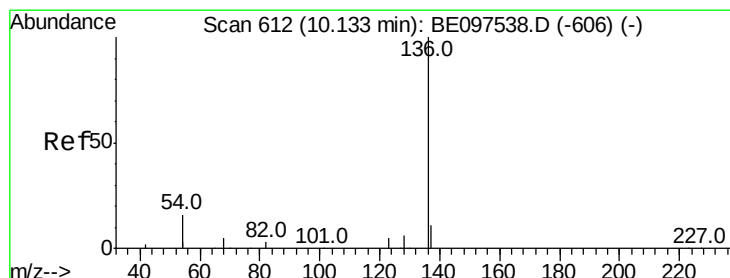
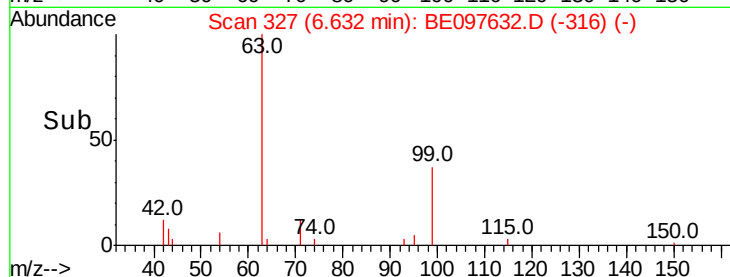
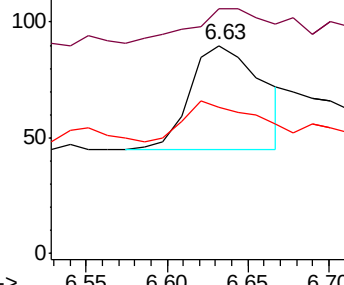
71 38.1 28.4 42.6



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: BE097632.D

Acq: 22 Sep 2018 4:25

Tgt Ion: 136 Resp: 3224

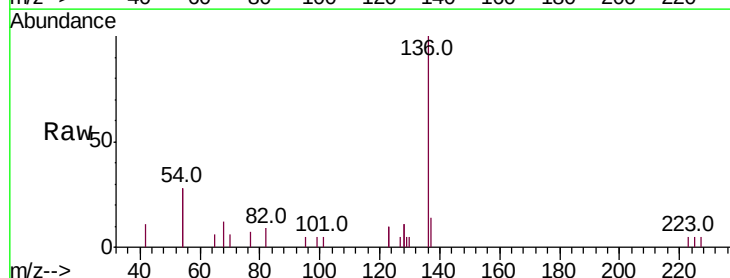
Ion Ratio Lower Upper

136 100

137 14.3 9.5 14.3#

54 56.2 29.1 43.7#

68 12.2 6.2 9.2#

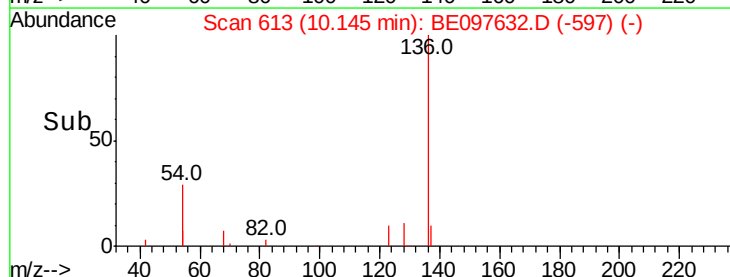
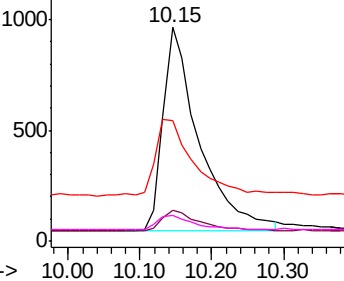


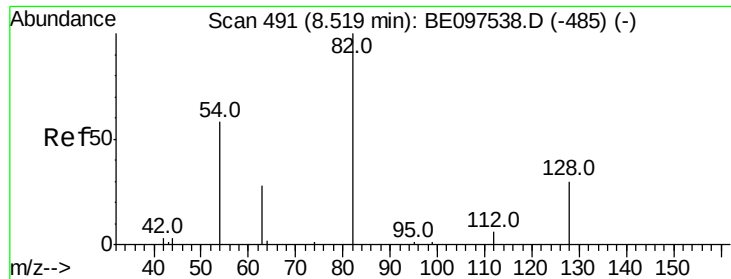
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.279 ng

RT: 8.58 min Scan# 496

Delta R.T. 0.05 min

Lab File: BE097632.D

Acq: 22 Sep 2018 4:25

Instrument :

BNA_E

ClientSampleId :

BP-DUP04-20180916

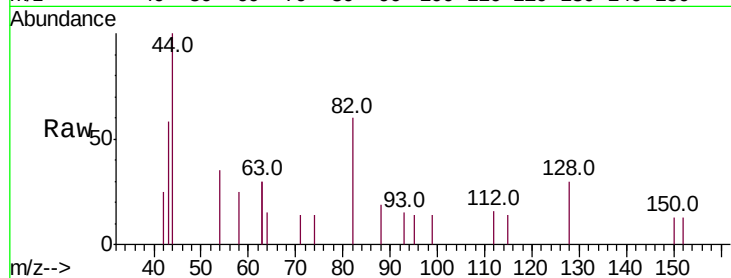
Tot Ion: 82 Resp: 695

Ion Ratio Lower Upper

82 100

128 49.8 24.0 36.0#

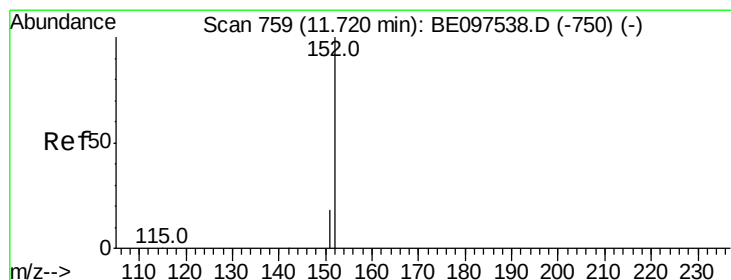
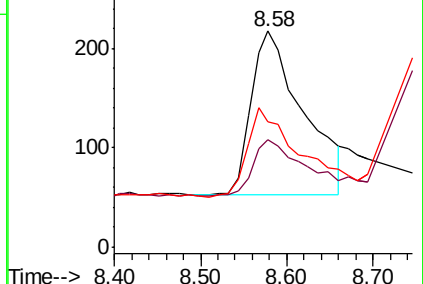
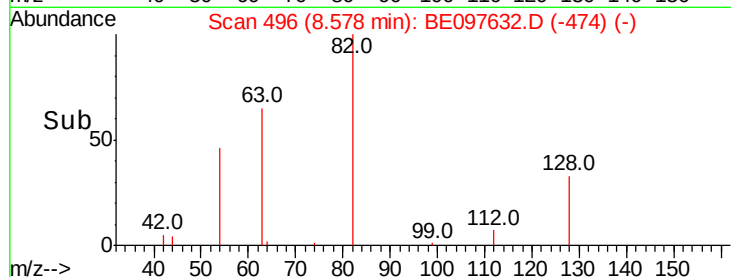
54 58.1 40.0 60.0



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



#11

2-Methylnaphthalene-d10

Concen: 0.400 ng

RT: 11.74 min Scan# 763

Delta R.T. 0.02 min

Lab File: BE097632.D

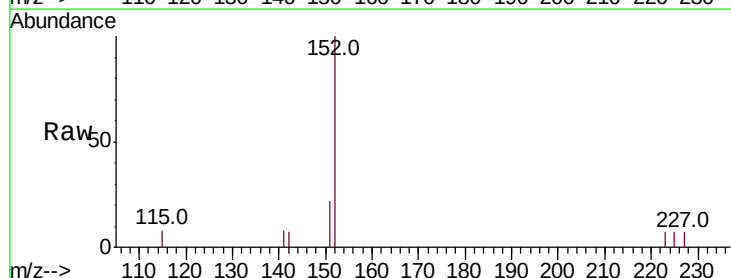
Acq: 22 Sep 2018 4:25

Tgt Ion: 152 Resp: 1776

Ion Ratio Lower Upper

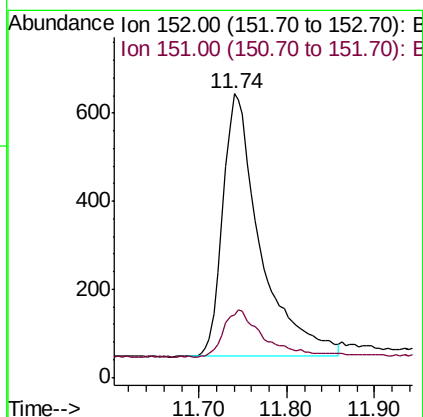
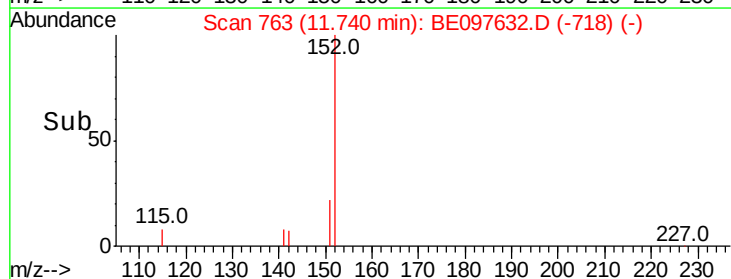
152 100

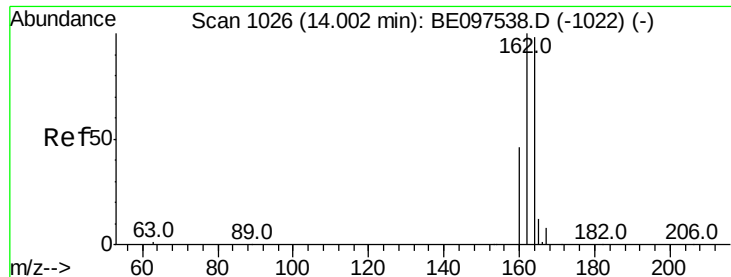
151 19.2 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.00 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BE097632.D

Acq: 22 Sep 2018 4:25

Instrument :

BNA_E

ClientSampleId :

BP-DUP04-20180916

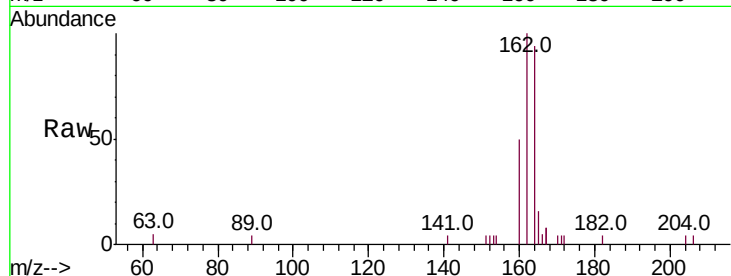
Tot Ion:164 Resp: 2133

Ion Ratio Lower Upper

164 100

162 106.3 83.1 124.7

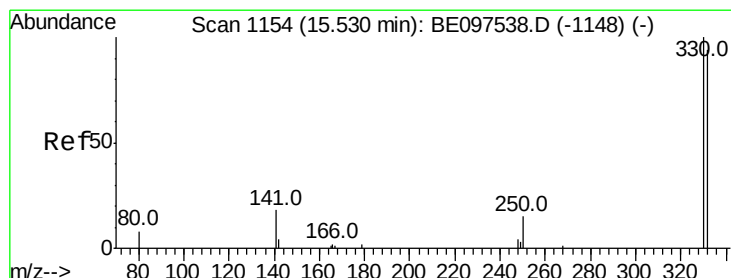
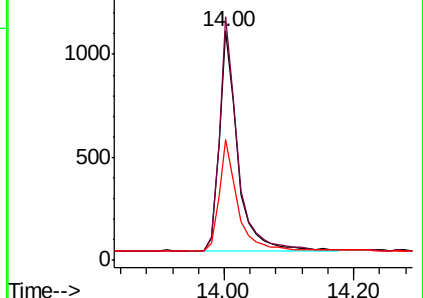
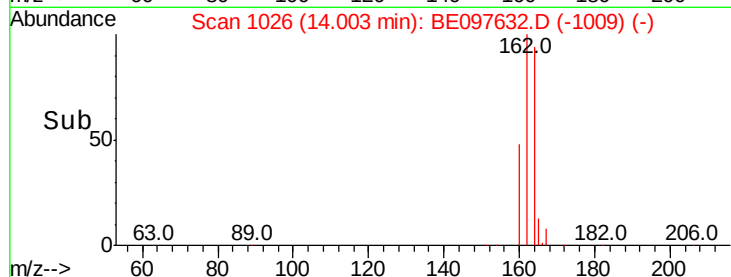
160 52.9 37.1 55.7



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: 0.414 ng

RT: 15.53 min Scan# 1154

Delta R.T. 0.01 min

Lab File: BE097632.D

Acq: 22 Sep 2018 4:25

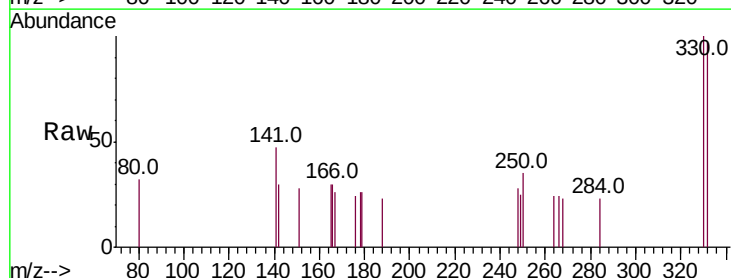
Tgt Ion:330 Resp: 334

Ion Ratio Lower Upper

330 100

332 95.8 152.7 229.1#

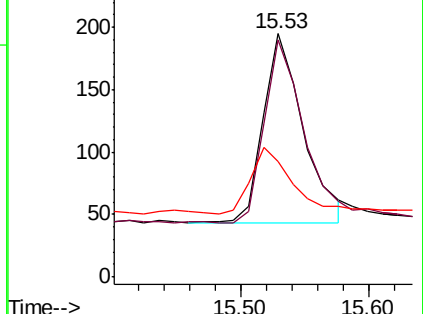
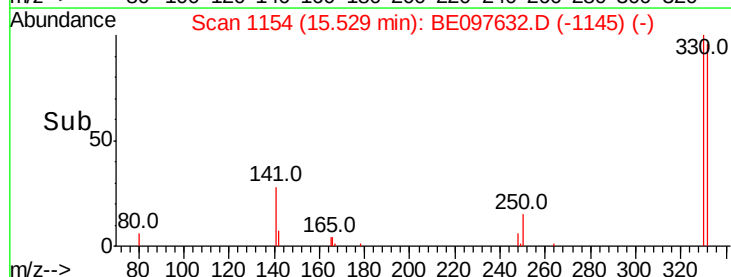
141 35.3 33.7 50.5

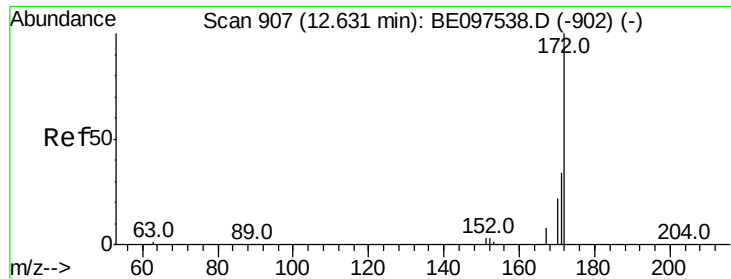


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

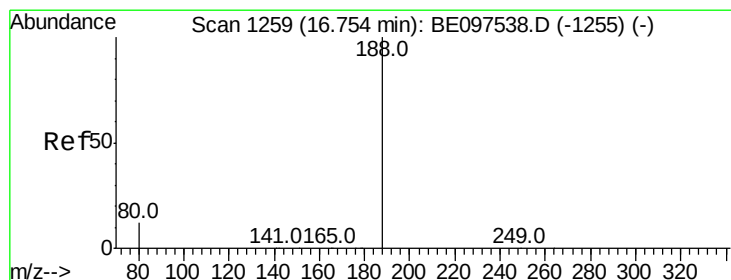
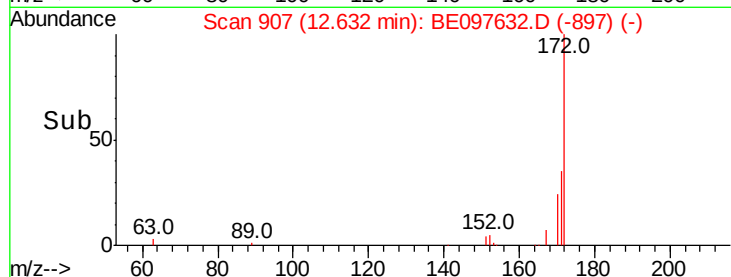
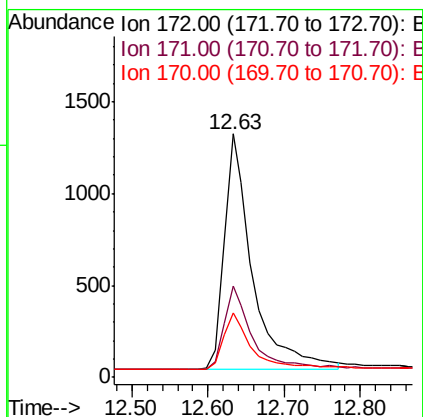
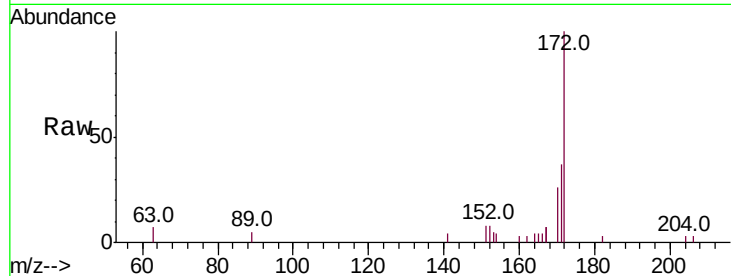




#15
2-Fluorobiphenyl
Concen: 0.441 ng
RT: 12.63 min Scan# 907
Delta R.T. 0.01 min
Lab File: BE097632.D
Acq: 22 Sep 2018 4:25

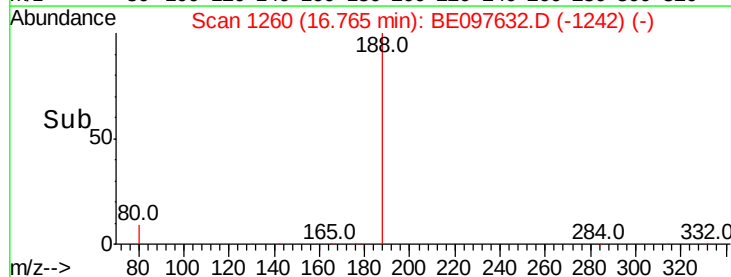
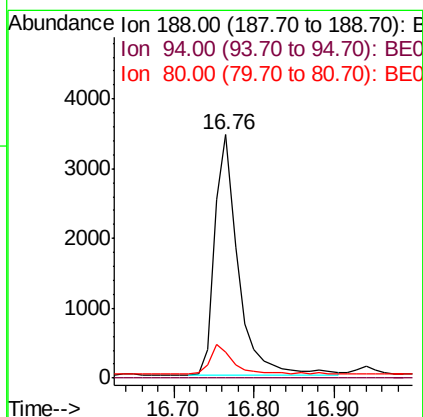
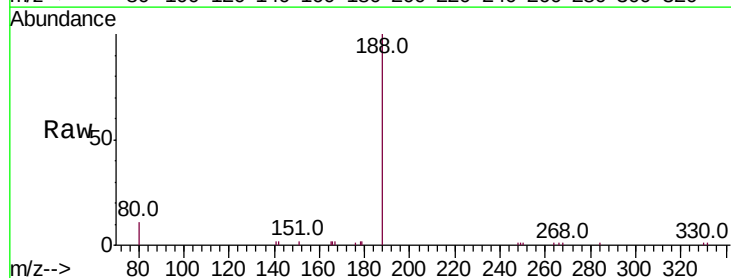
Instrument :
BNA_E
ClientSampleId :
BP-DUP04-20180916

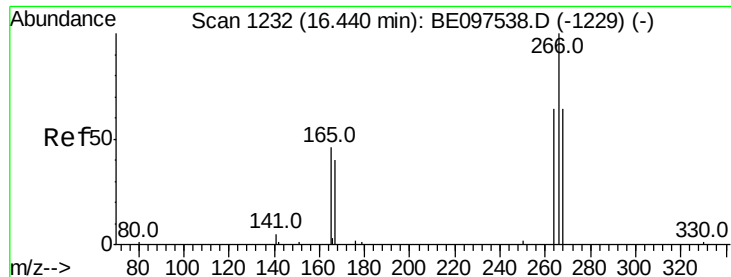
Tot Ion:172 Resp: 3322
Ion Ratio Lower Upper
172 100
171 37.4 29.9 44.9
170 26.2 21.8 32.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.76 min Scan# 1260
Delta R.T. 0.01 min
Lab File: BE097632.D
Acq: 22 Sep 2018 4:25

Tgt Ion:188 Resp: 7021
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 10.9 3.6 5.4#



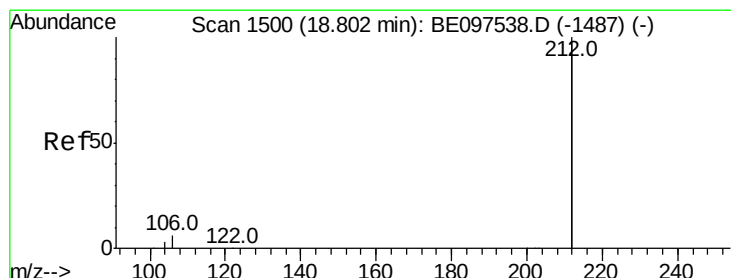
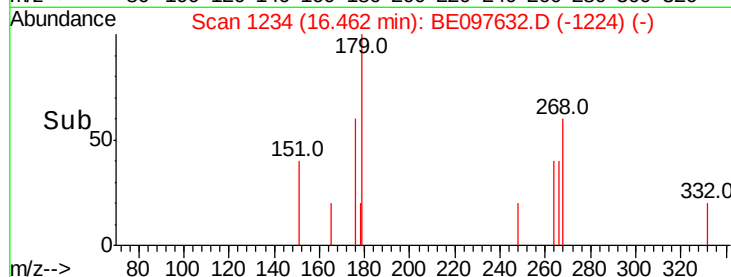
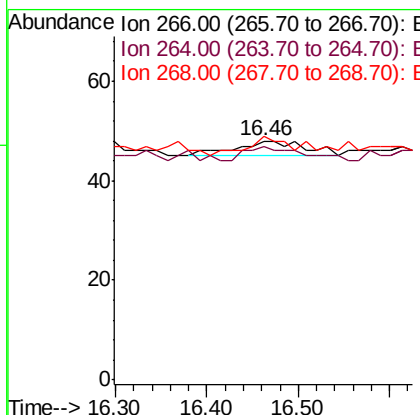
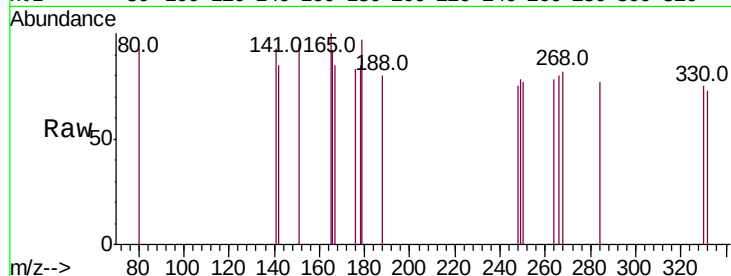


#22
 Pentachlorophenol
 Concen: 0.140 ng
 RT: 16.46 min Scan# 1234
 Delta R.T. 0.02 min
 Lab File: BE097632.D
 Acq: 22 Sep 2018 4:25

Instrument :
 BNA_E
 ClientSampleId :
 BP-DUP04-20180916

Tot Ion:266 Resp: 16

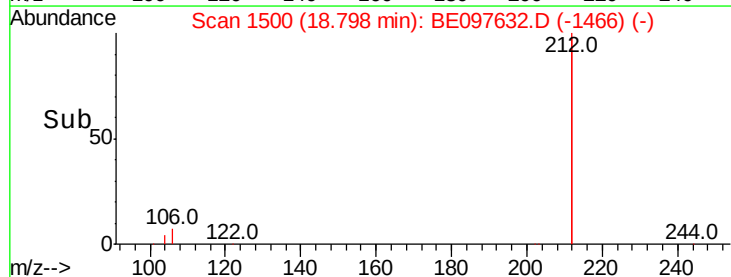
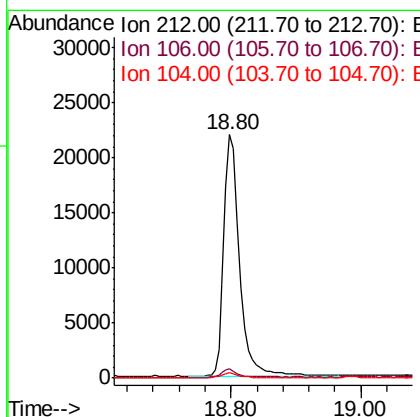
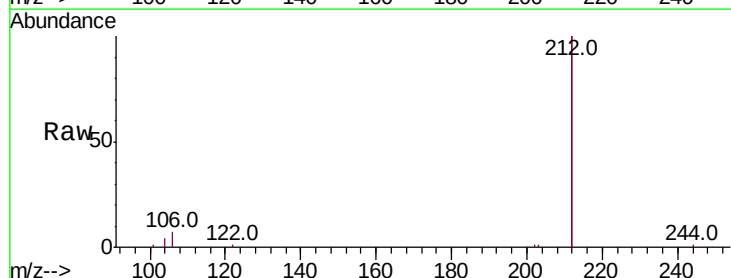
Ion	Ratio	Lower	Upper
266	100		
264	97.9	72.5	108.7
268	102.1	73.8	110.6

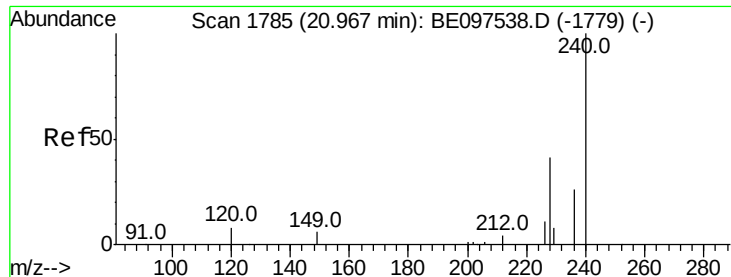


#25
 Fluoranthene-d10
 Concen: 0.410 ng
 RT: 18.80 min Scan# 1500
 Delta R.T. -0.00 min
 Lab File: BE097632.D
 Acq: 22 Sep 2018 4:25

Tgt Ion:212 Resp: 36829

Ion	Ratio	Lower	Upper
212	100		
106	3.4	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: BE097632.D

Acq: 22 Sep 2018 4:25

Instrument :

BNA_E

ClientSampleId :

BP-DUP04-20180916

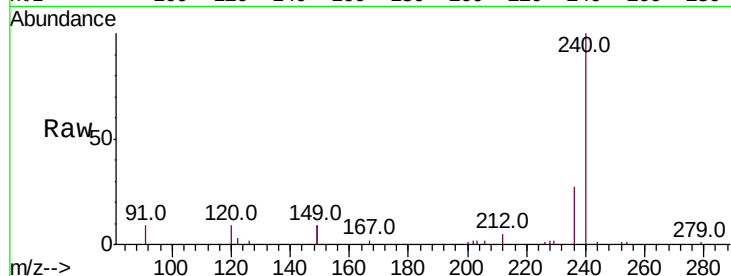
Tot Ion:240 Resp: 9549

Ion Ratio Lower Upper

240 100

120 9.3 5.5 8.3#

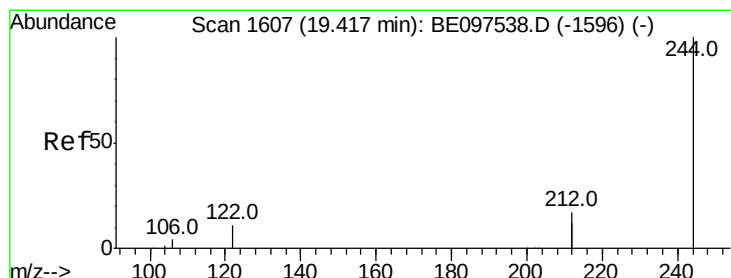
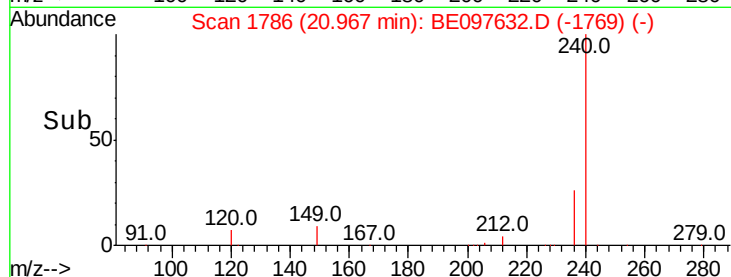
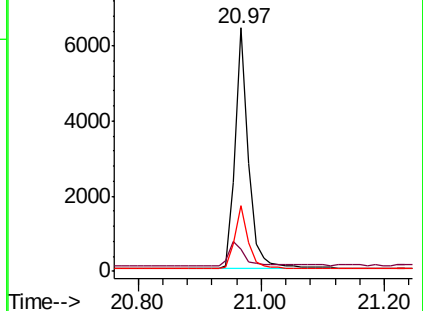
236 26.9 20.7 31.1



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: 0.507 ng

RT: 19.41 min Scan# 1607

Delta R.T. -0.00 min

Lab File: BE097632.D

Acq: 22 Sep 2018 4:25

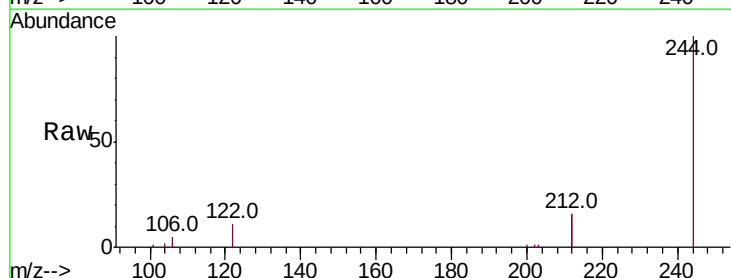
Tgt Ion:244 Resp: 8862

Ion Ratio Lower Upper

244 100

212 32.4 25.4 38.0

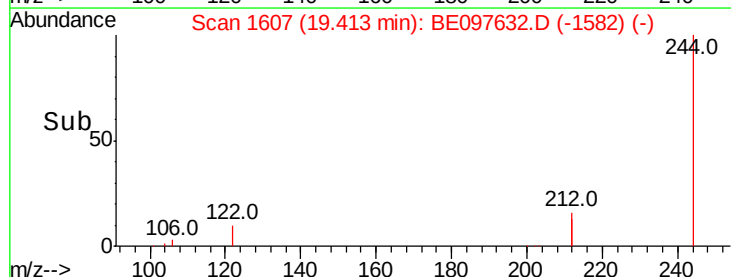
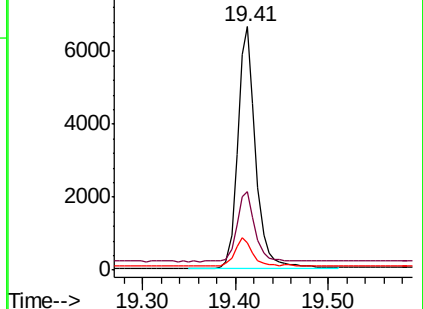
122 11.2 8.1 12.1

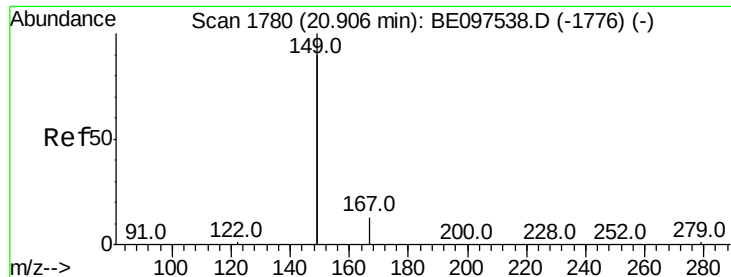


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.190 ng

RT: 20.89 min Scan# 1780

Delta R.T. -0.01 min

Lab File: BE097632.D

Acq: 22 Sep 2018 4:25

Instrument :

BNA_E

ClientSampleId :

BP-DUP04-20180916

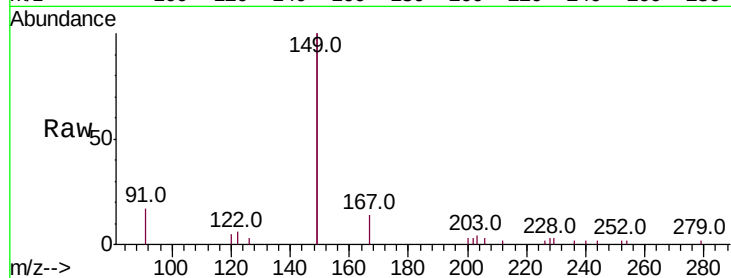
Tot Ion:149 Resp: 7232

Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

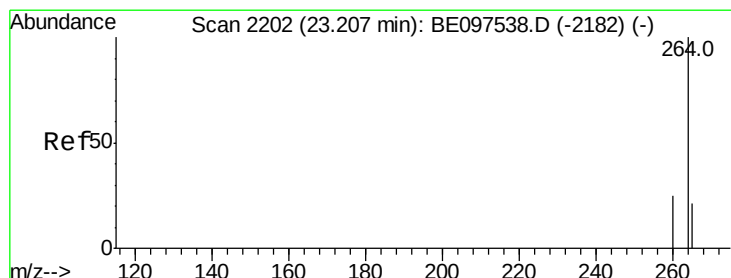
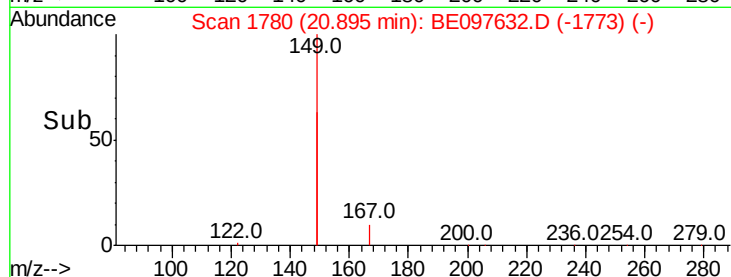
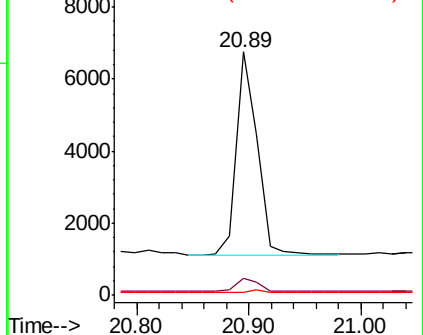
279 1.2 0.7 1.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.20 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BE097632.D

Acq: 22 Sep 2018 4:25

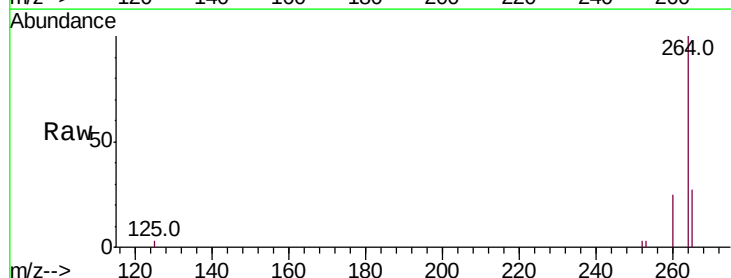
Tgt Ion:264 Resp: 9223

Ion Ratio Lower Upper

264 100

260 25.0 20.5 30.7

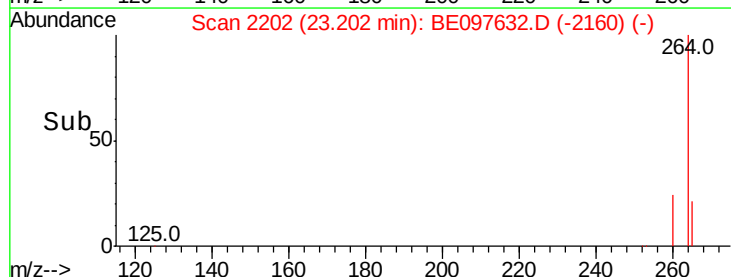
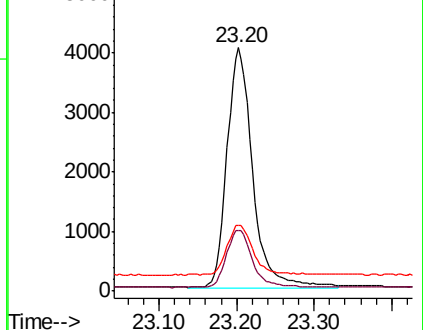
265 27.0 22.8 34.2

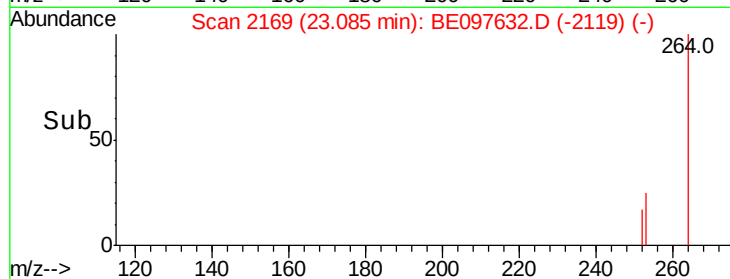
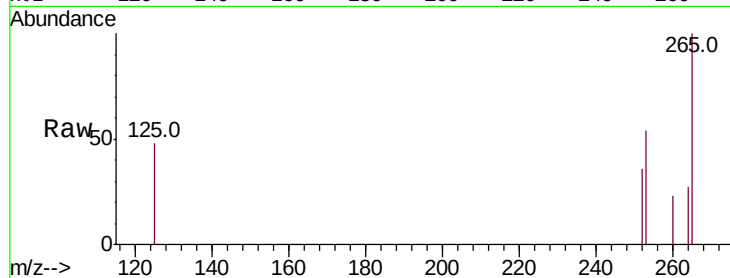
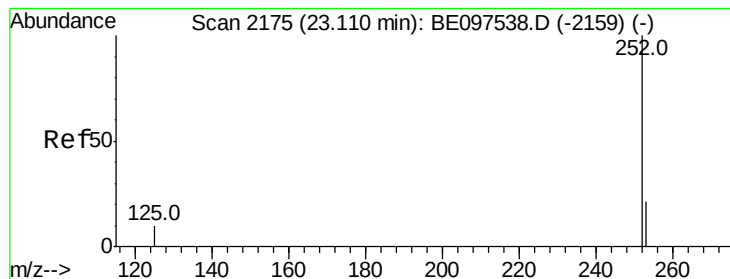


Abundance Ion 264.00 (263.70 to 264.70): E

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: 23.08 min Scan# 2169

Delta R.T. -0.02 min

Lab File: BE097632.D

Acq: 22 Sep 2018 4:25

Instrument :

BNA_E

ClientSampleId :

BP-DUP04-20180916

Tot Ion:	252	Resp:	2
Ion	Ratio	Lower	Upper
252	100		
253	149.5	16.0	24.0#
125	132.6	12.0	18.0#

