

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091918\
 Data File : BE097564.D
 Acq On : 20 Sep 2018 6:32
 Operator : SJ/JU
 Sample : J4958-18
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-DUP03-20180915

Quant Time: Sep 20 07:59:49 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 19 16:26:00 2018
 Response via : Initial Calibration

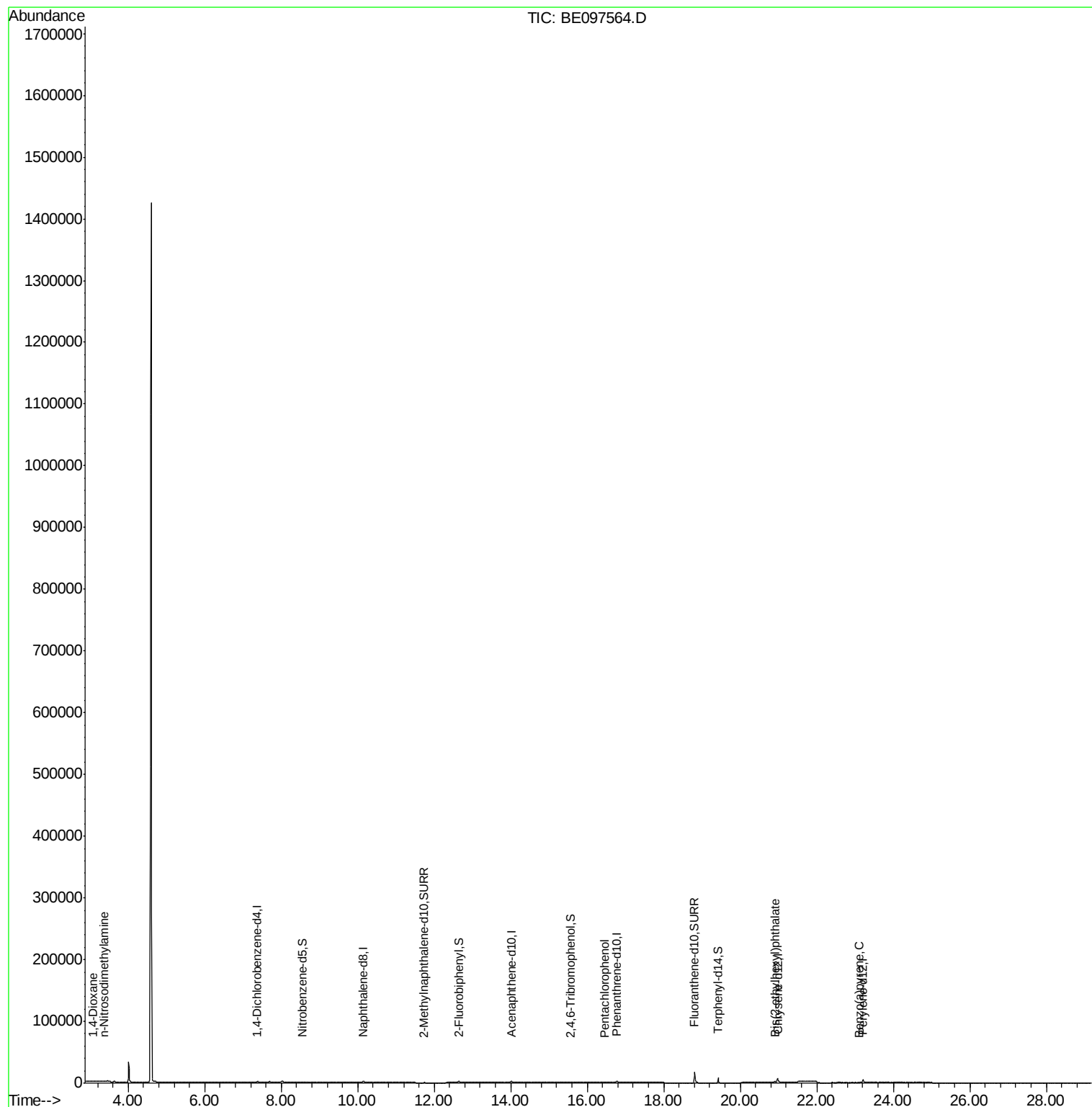
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	630	0.40	ng	0.00
7) Naphthalene-d8	10.14	136	2956	0.40	ng	0.01
13) Acenaphthene-d10	14.01	164	1917	0.40	ng	0.01
19) Phenanthrene-d10	16.76	188	6314	0.40	ng	0.01
27) Chrysene-d12	20.98	240	7671	0.40	ng	0.01
34) Perylene-d12	23.21	264	7688	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.06	112	11	0.01	ng	0.02
5) Phenol-d6	6.58	99	3	0.00	ng	-0.01
8) Nitrobenzene-d5	8.55	82	706	0.31	ng	0.03
11) 2-Methylnaphthalene-d10	11.74	152	1657	0.41	ng	0.02
14) 2,4,6-Tribromophenol	15.56	330	21	0.12	ng	0.03
15) 2-Fluorobiphenyl	12.64	172	3604	0.53	ng	0.01
25) Fluoranthene-d10	18.80	212	31476	0.39	ng	0.00
29) Terphenyl-d14	19.42	244	7709	0.55	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.08	88	406	0.375	ng	# 88
3) n-Nitrosodimethylamine	3.37	42	43	0.062	ng	# 1
22) Pentachlorophenol	16.45	266	4	0.133	ng	95
32) Bis(2-ethylhexyl)phthalate	20.91	149	875	0.037	ng	# 99
37) Benzo(a)pyrene	23.11	252	4	0.021	ng	# 1

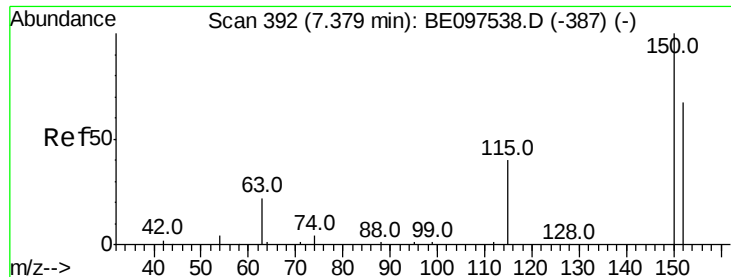
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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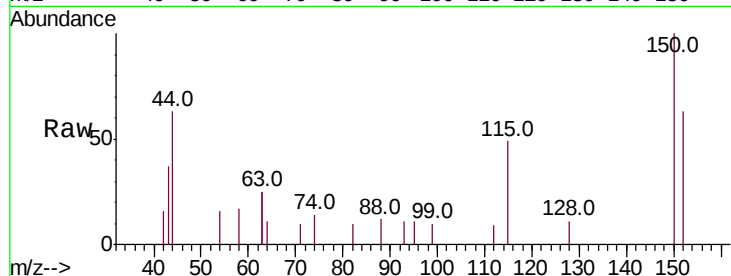


#1

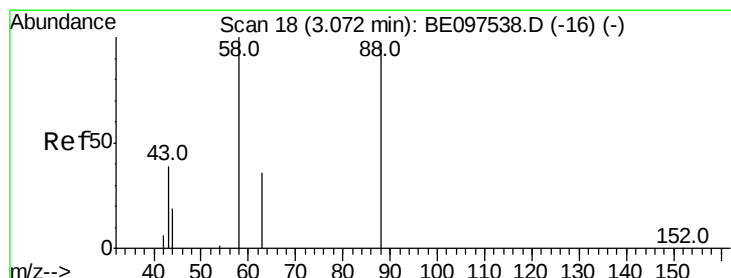
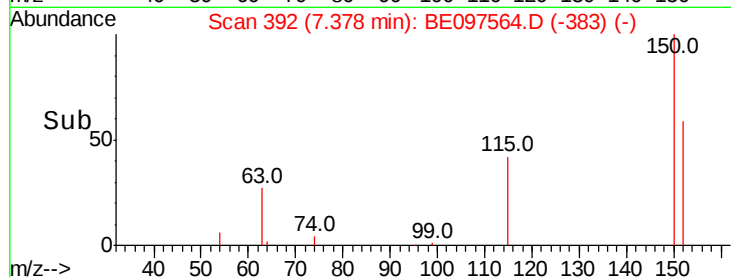
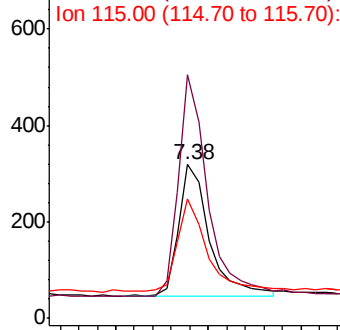
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. -0.00 min
Lab File: BE097564.D
Acq: 20 Sep 2018 6:32

Instrument :
BNA_E
ClientSampleId :
BP-DUP03-20180915

Tot Ion:152 Resp: 630
Ion Ratio Lower Upper
152 100
150 158.3 117.2 175.8
115 77.4 57.0 85.6



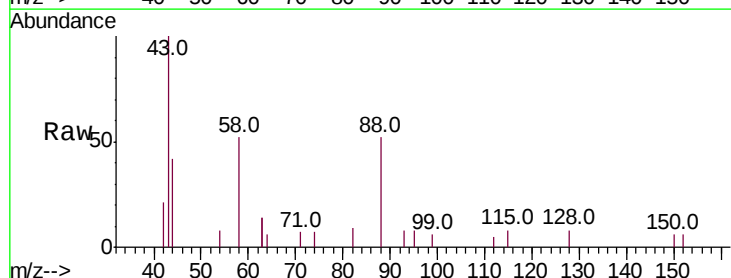
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



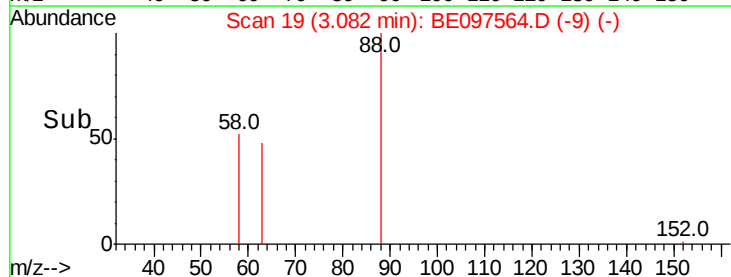
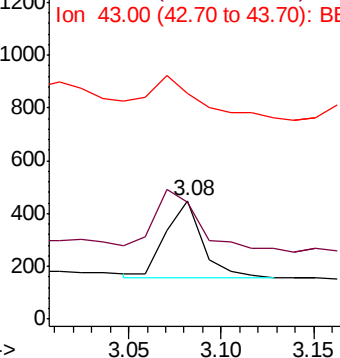
#2

1,4-Dioxane
Concen: 0.375 ng
RT: 3.08 min Scan# 19
Delta R.T. 0.01 min
Lab File: BE097564.D
Acq: 20 Sep 2018 6:32

Tgt Ion: 88 Resp: 406
Ion Ratio Lower Upper
88 100
58 83.5 63.2 94.8
43 66.7 41.2 61.8#



Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.062 ng

RT: 3.37 min Scan# 44

Delta R.T. -0.00 min

Lab File: BE097564.D

Acq: 20 Sep 2018 6:32

Instrument :

BNA_E

ClientSampleId :

BP-DUP03-20180915

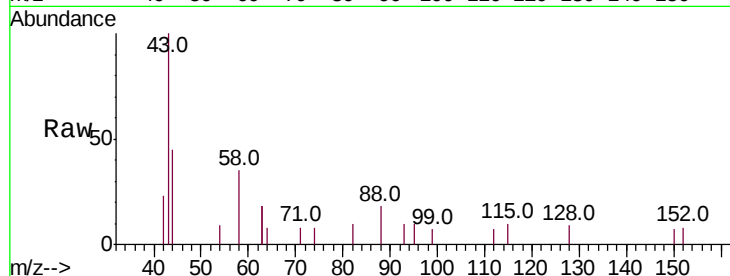
Tot Ion: 42 Resp: 43

Ion Ratio Lower Upper

42 100

74 11.6 96.0 144.0#

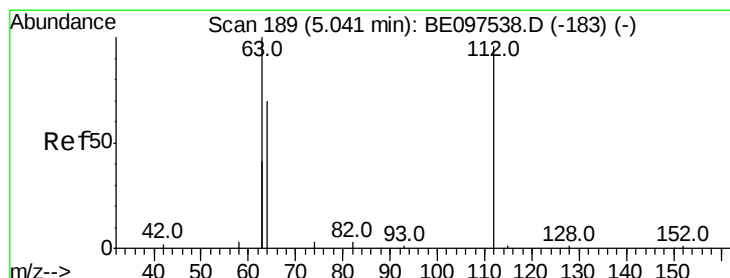
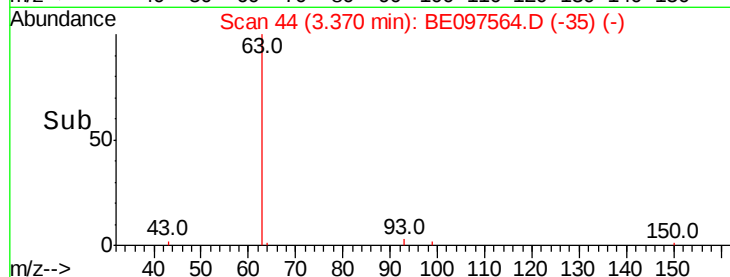
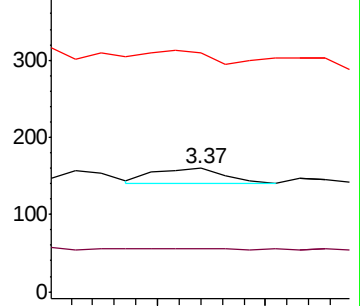
44 74.4 12.0 18.0#



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: 0.006 ng

RT: 5.06 min Scan# 191

Delta R.T. 0.02 min

Lab File: BE097564.D

Acq: 20 Sep 2018 6:32

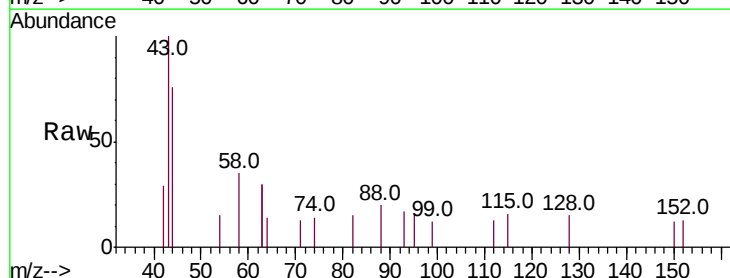
Tgt Ion: 112 Resp: 11

Ion Ratio Lower Upper

112 100

64 0.0 60.1 90.1#

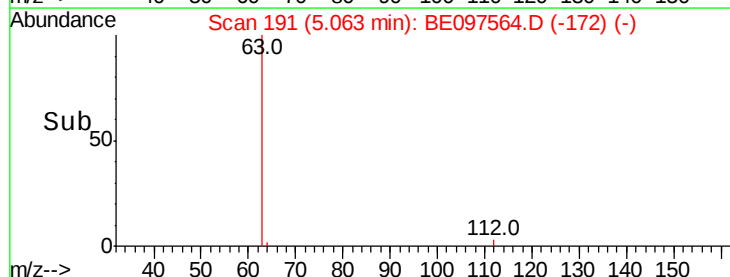
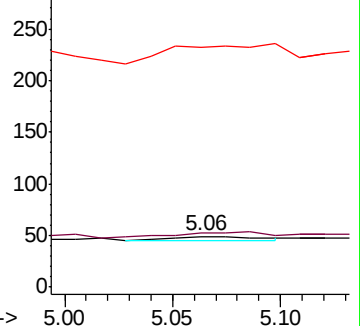
63 0.0 116.8 175.2#



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: 0.001 ng

RT: 6.58 min Scan# 323

Delta R.T. -0.01 min

Lab File: BE097564.D

Acq: 20 Sep 2018 6:32

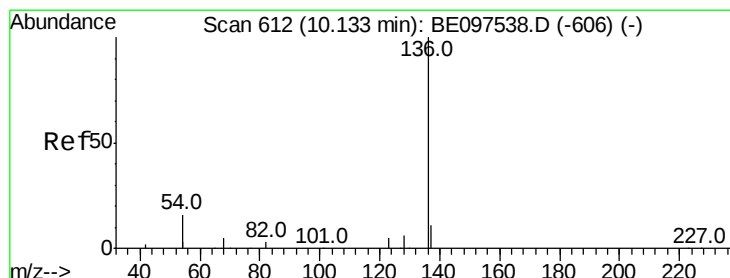
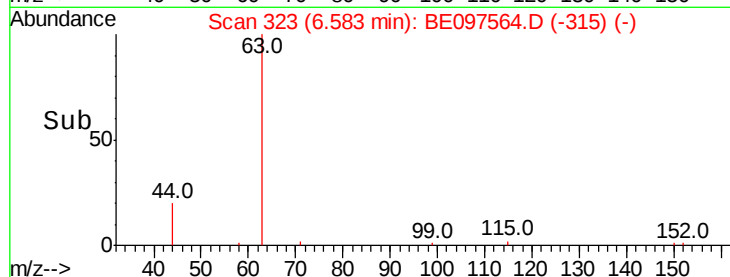
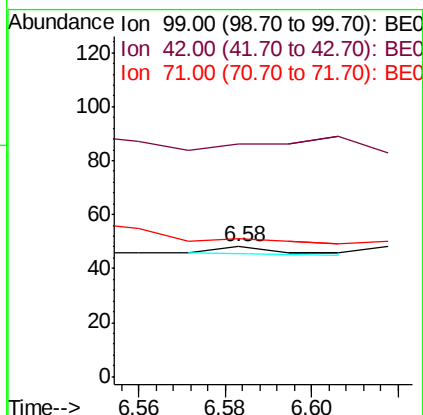
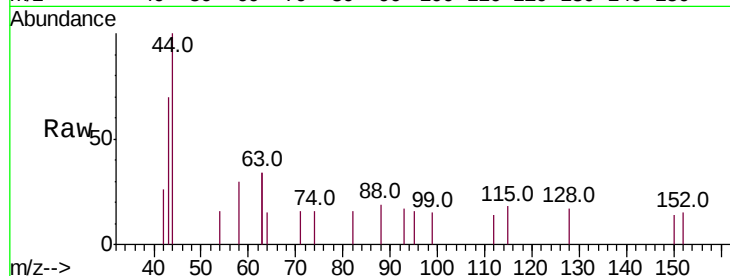
Instrument :

BNA_E

ClientSampleId :

BP-DUP03-20180915

Tot Ion:	99	Resp:	3
Ion	Ratio	Lower	Upper
99	100		
42	0.0	20.2	30.2#
71	0.0	28.4	42.6#



#7

Naphthalene-d8

Concen: 0.400 ng

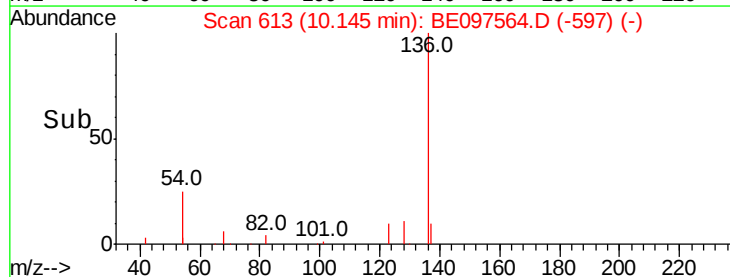
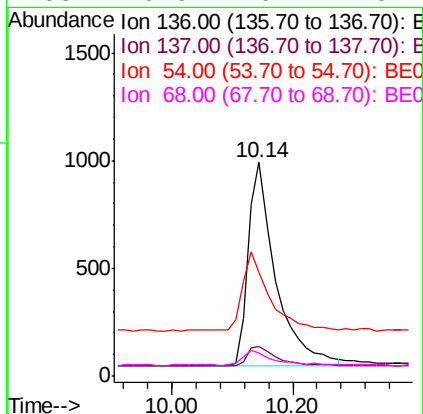
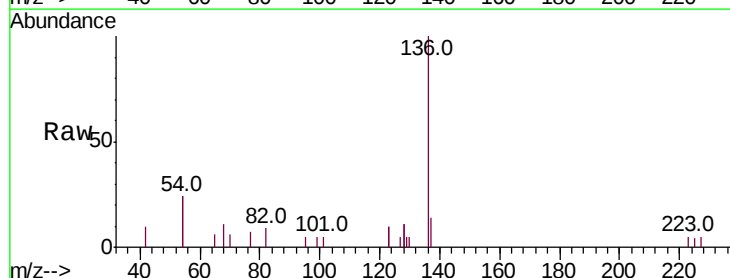
RT: 10.14 min Scan# 613

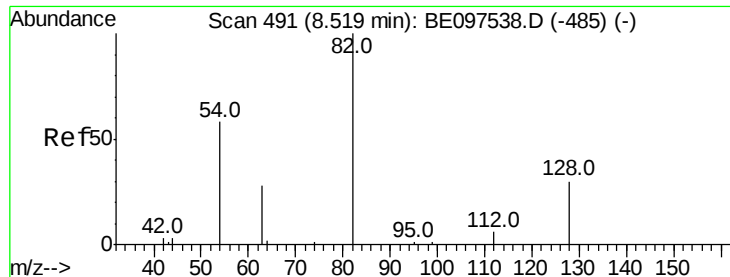
Delta R.T. 0.01 min

Lab File: BE097564.D

Acq: 20 Sep 2018 6:32

Tgt Ion:	136	Resp:	2956
Ion	Ratio	Lower	Upper
136	100		
137	13.9	9.5	14.3
54	48.4	29.1	43.7#
68	10.9	6.2	9.2#





#8

Nitrobenzene-d5

Concen: 0.309 ng

RT: 8.55 min Scan# 494

Delta R.T. 0.03 min

Lab File: BE097564.D

Acq: 20 Sep 2018 6:32

Instrument :

BNA_E

ClientSampleId :

BP-DUP03-20180915

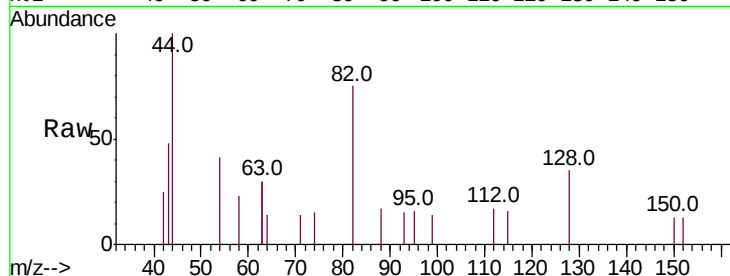
Tot Ion: 82 Resp: 706

Ion Ratio Lower Upper

82 100

128 45.9 24.0 36.0#

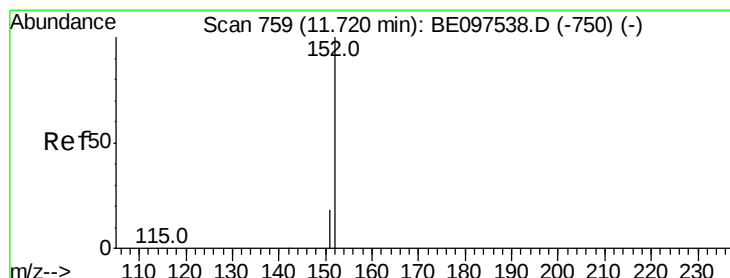
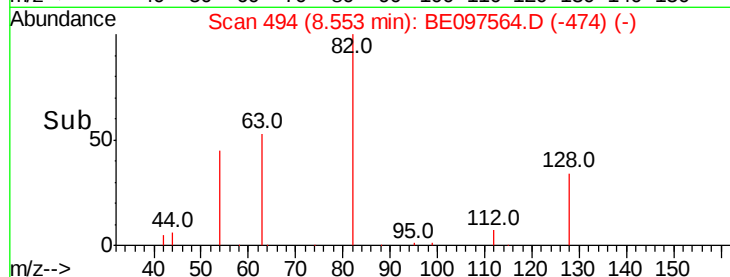
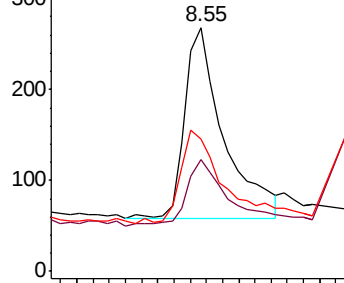
54 54.5 40.0 60.0



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: 0.407 ng

RT: 11.74 min Scan# 764

Delta R.T. 0.02 min

Lab File: BE097564.D

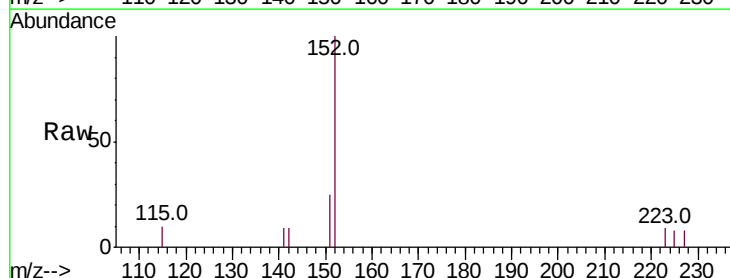
Acq: 20 Sep 2018 6:32

Tgt Ion: 152 Resp: 1657

Ion Ratio Lower Upper

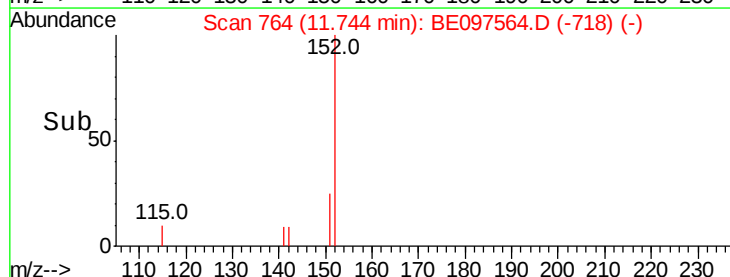
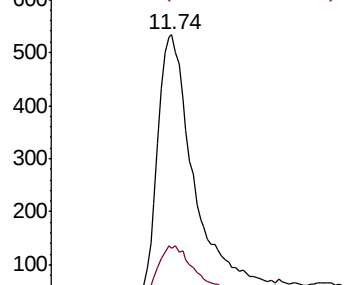
152 100

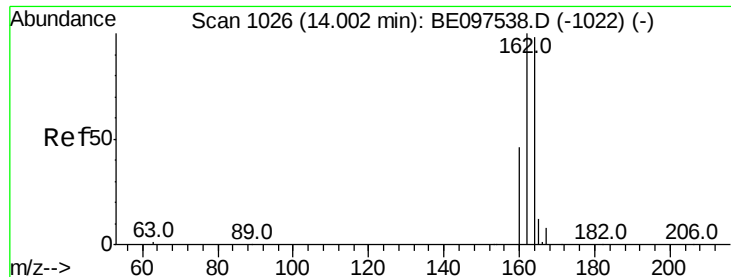
151 19.0 15.4 23.0



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: 14.01 min Scan# 1027

Delta R.T. 0.01 min

Lab File: BE097564.D

Acq: 20 Sep 2018 6:32

Instrument :

BNA_E

ClientSampleId :

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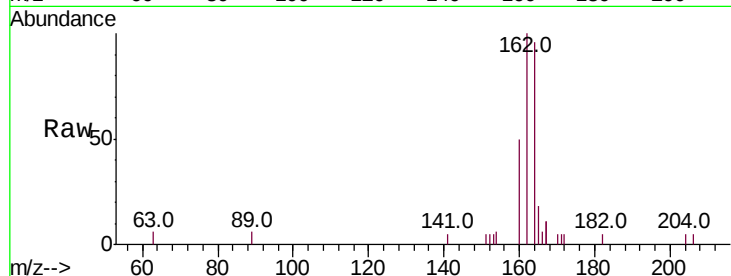
Tot Ion:164 Resp: 1917

Ion Ratio Lower Upper

164 100

162 104.6 83.1 124.7

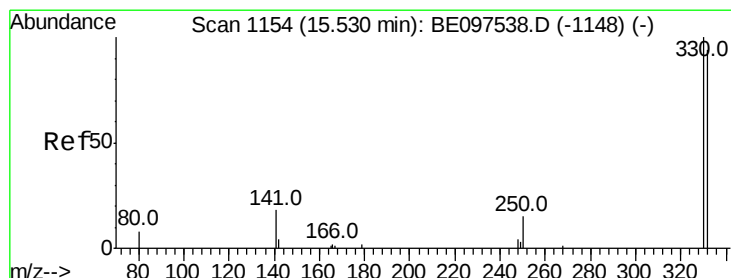
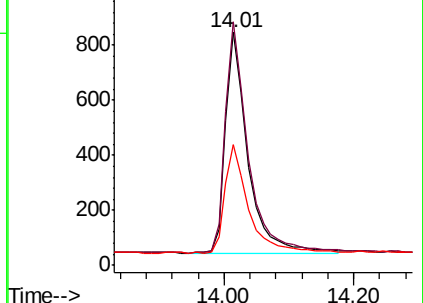
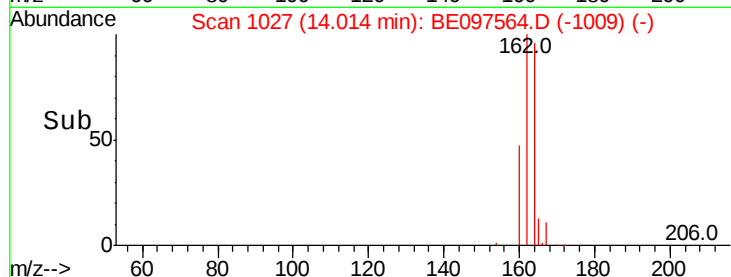
160 51.9 37.1 55.7



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: 0.124 ng

RT: 15.56 min Scan# 1157

Delta R.T. 0.03 min

Lab File: BE097564.D

Acq: 20 Sep 2018 6:32

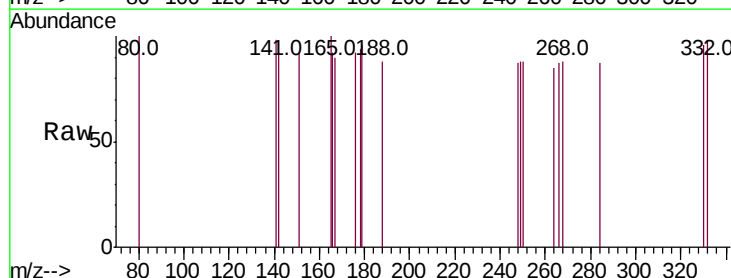
Tgt Ion:330 Resp: 21

Ion Ratio Lower Upper

330 100

332 76.2 152.7 229.1#

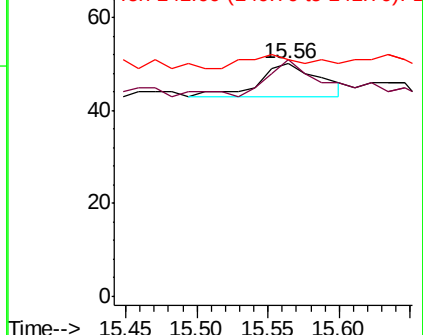
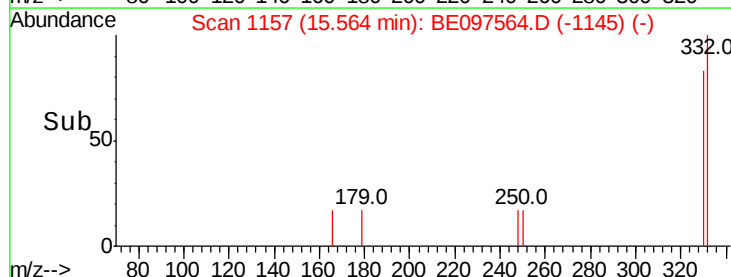
141 33.3 33.7 50.5#

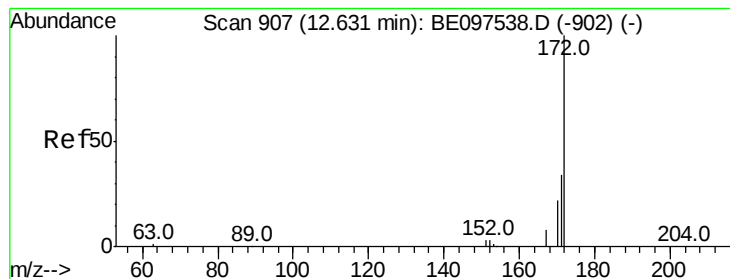


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.532 ng

RT: 12.64 min Scan# 908

Delta R.T. 0.01 min

Lab File: BE097564.D

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Instrument :

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ClientSampleId :

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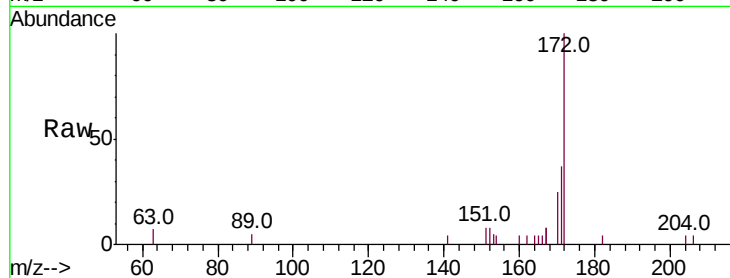
Tot Ion:172 Resp: 3604

Ion Ratio Lower Upper

172 100

171 36.6 29.9 44.9

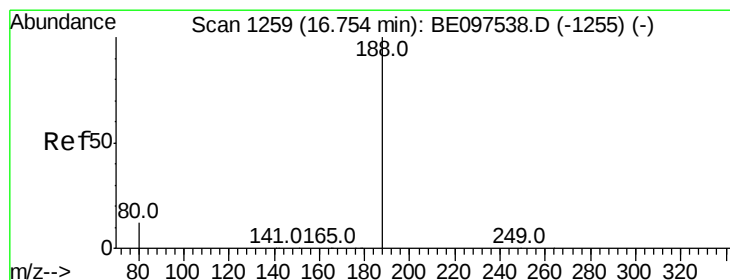
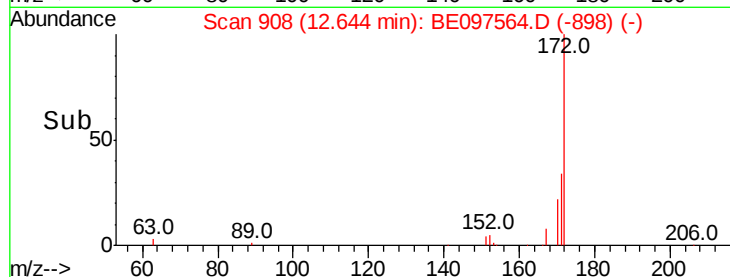
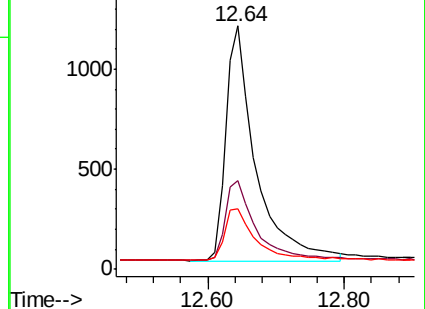
170 25.0 21.8 32.8



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: 16.76 min Scan# 1260

Delta R.T. 0.01 min

Lab File: BE097564.D

Acq: 20 Sep 2018 6:32

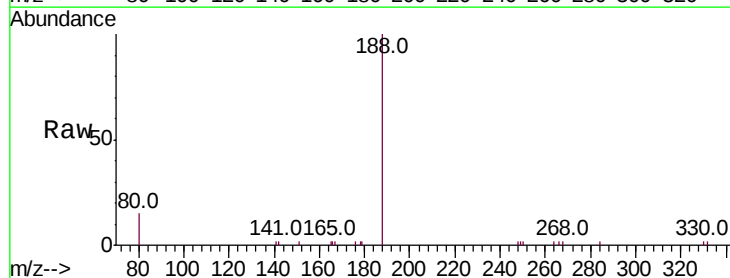
Tgt Ion:188 Resp: 6314

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

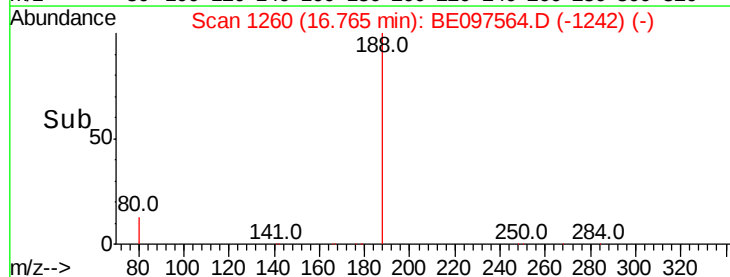
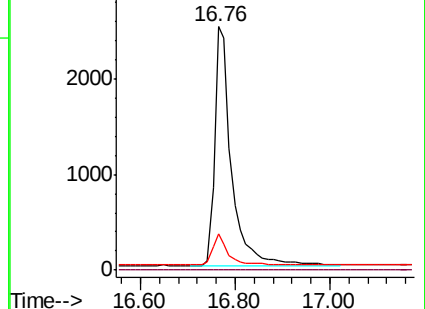
80 14.8 3.6 5.4#

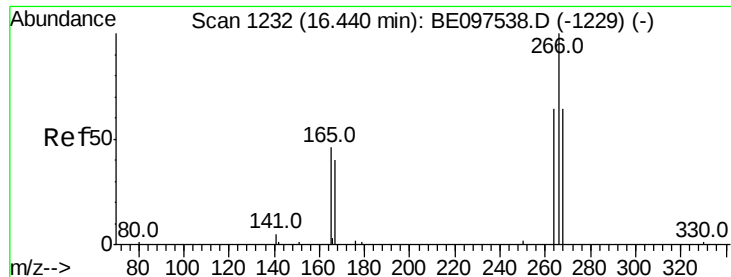


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



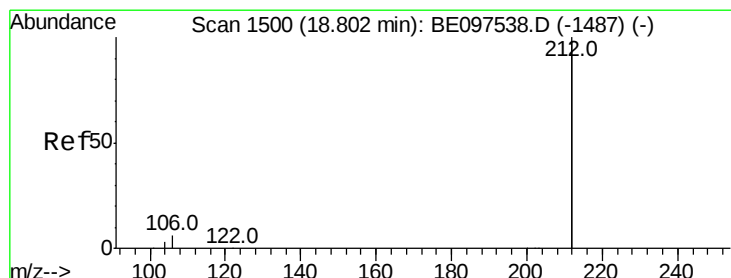
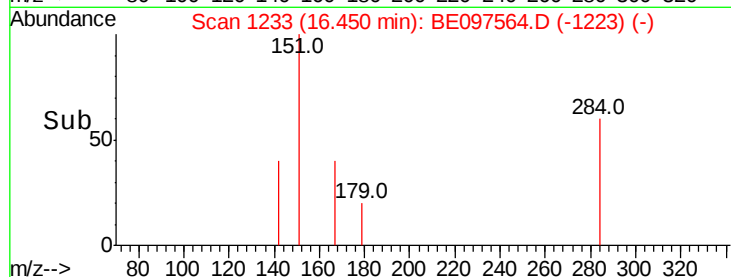
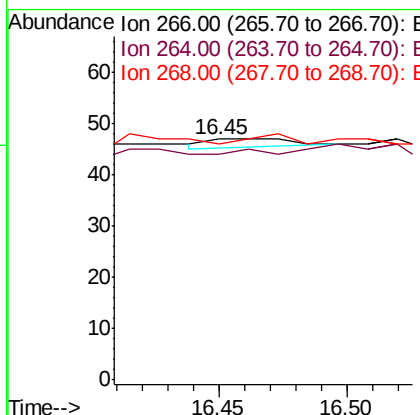
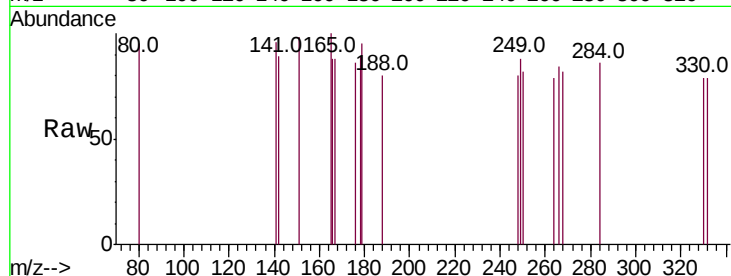


#22
 Pentachlorophenol
 Concen: 0.133 ng
 RT: 16.45 min Scan# 1233
 Delta R.T. 0.01 min
 Lab File: BE097564.D
 Acq: 20 Sep 2018 6:32

Instrument :
 BNA_E
 ClientSampleId :
 BP-DUP03-20180915

Tot Ion:266 Resp: 4

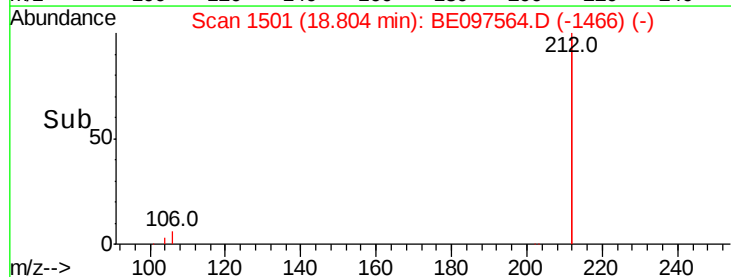
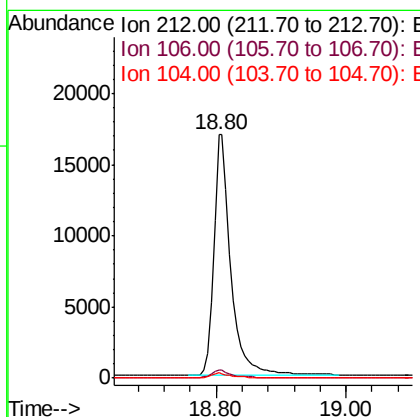
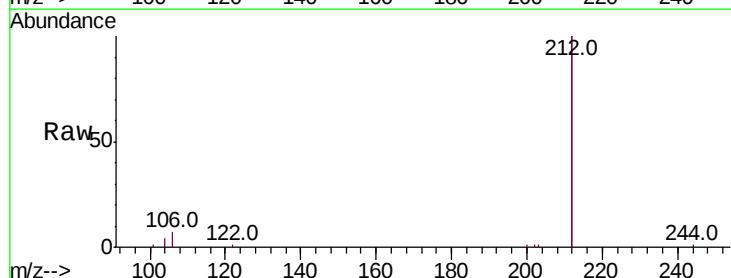
Ion	Ratio	Lower	Upper
266	100		
264	93.6	72.5	108.7
268	97.9	73.8	110.6

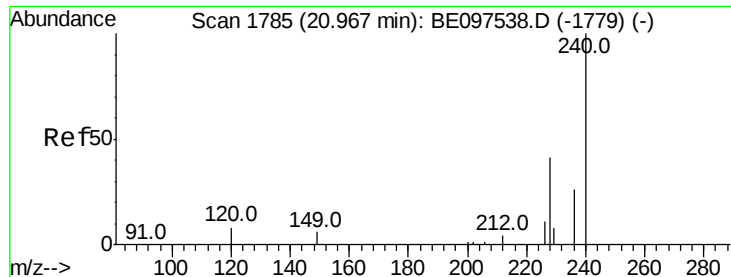


#25
 Fluoranthene-d10
 Concen: 0.389 ng
 RT: 18.80 min Scan# 1501
 Delta R.T. 0.00 min
 Lab File: BE097564.D
 Acq: 20 Sep 2018 6:32

Tgt Ion:212 Resp: 31476

Ion	Ratio	Lower	Upper
212	100		
106	3.1	2.8	4.2
104	1.7	1.6	2.4





#27

Chrysene-d12

Concen: 0.400 ng

RT: 20.98 min Scan# 1787

Delta R.T. 0.01 min

Lab File: BE097564.D

Acq: 20 Sep 2018 6:32

Instrument :

BNA_E

ClientSampleId :

BP-DUP03-20180915

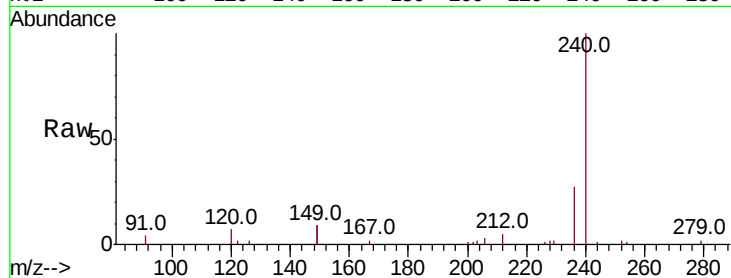
Tot Ion:240 Resp: 7671

Ion Ratio Lower Upper

240 100

120 7.0 5.5 8.3

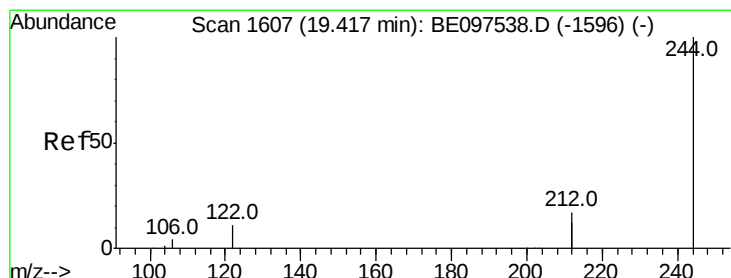
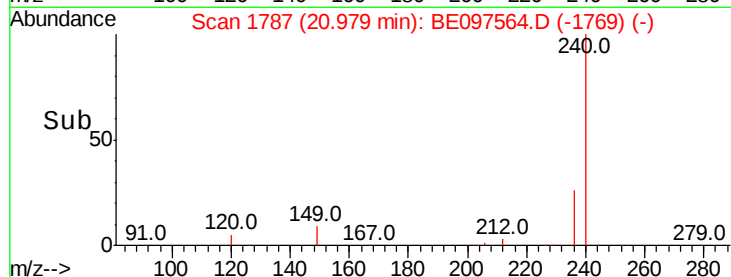
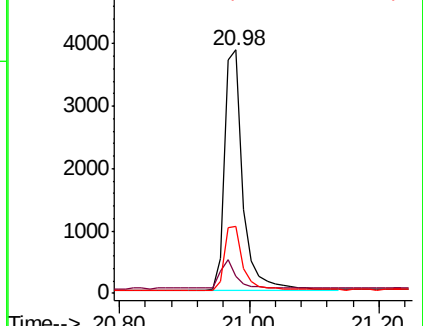
236 27.4 20.7 31.1



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: 0.549 ng

RT: 19.42 min Scan# 1608

Delta R.T. 0.00 min

Lab File: BE097564.D

Acq: 20 Sep 2018 6:32

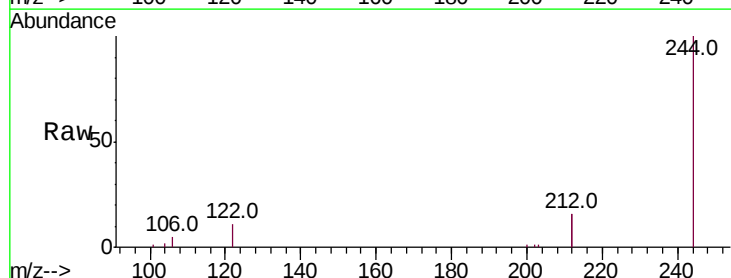
Tgt Ion:244 Resp: 7709

Ion Ratio Lower Upper

244 100

212 32.3 25.4 38.0

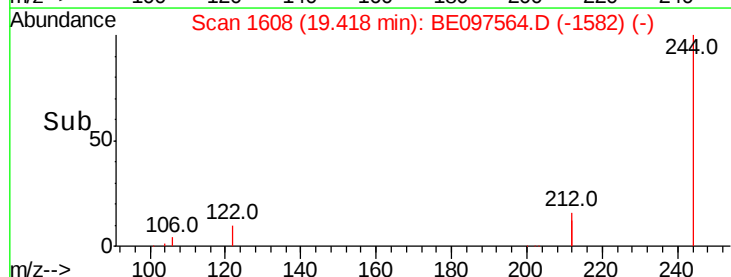
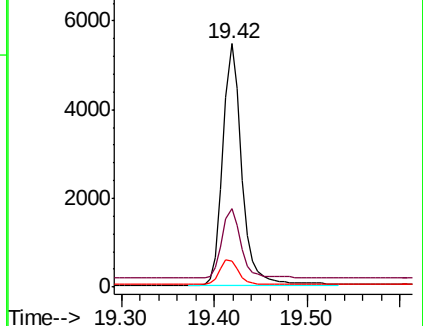
122 10.8 8.1 12.1

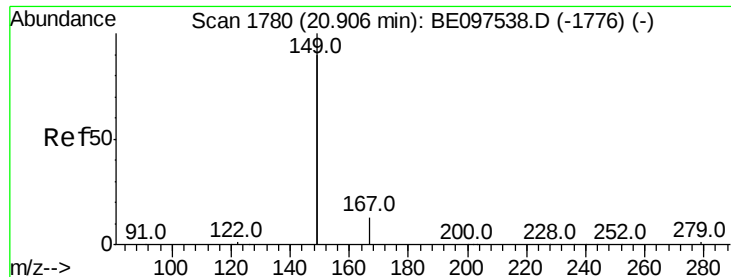


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

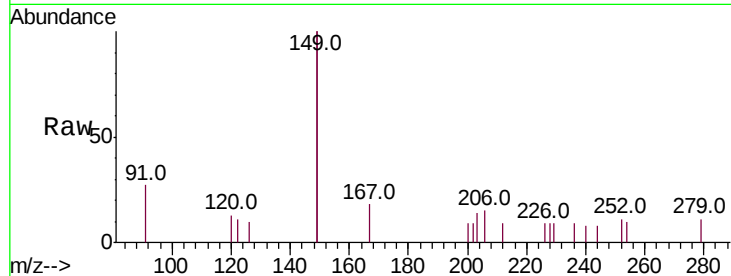




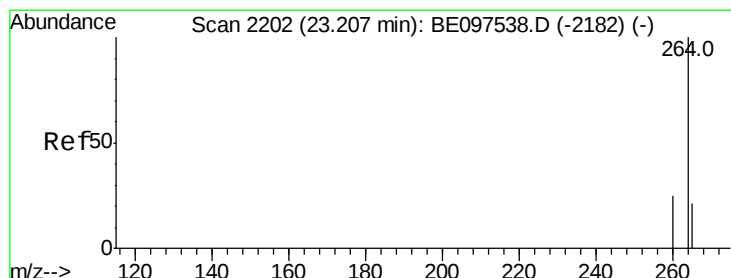
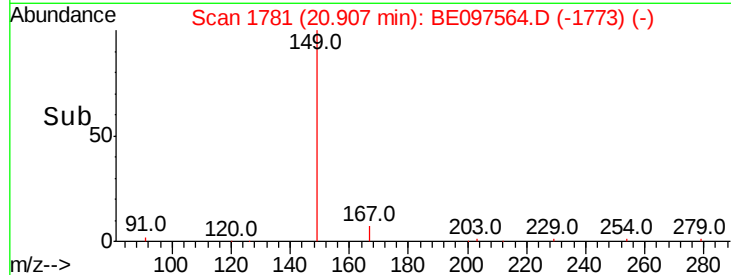
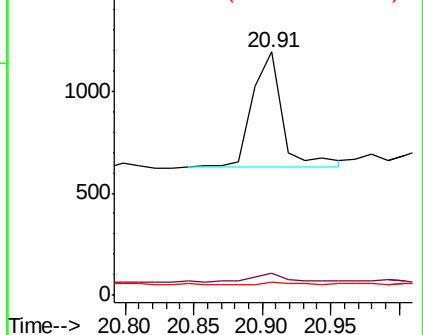
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.037 ng
 RT: 20.91 min Scan# 1781
 Delta R.T. 0.00 min
 Lab File: BE097564.D
 Acq: 20 Sep 2018 6:32

Instrument :
 BNA_E
 ClientSampleId :
 BP-DUP03-20180915

Tot Ion:149 Resp: 875
 Ion Ratio Lower Upper
 149 100
 167 7.1 5.4 8.0
 279 1.4 0.7 1.1#

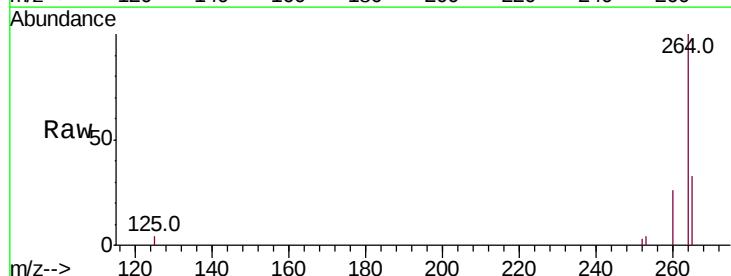


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

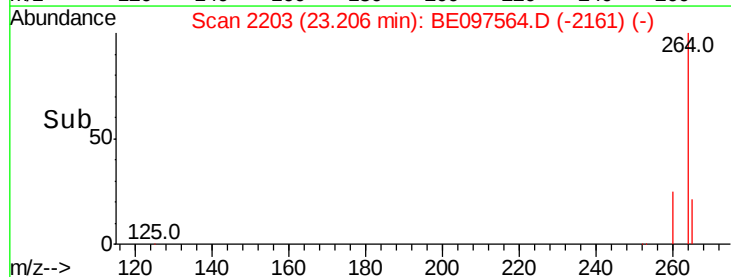
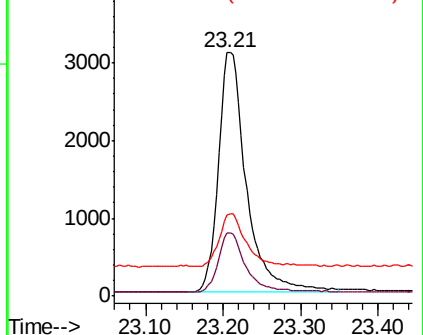


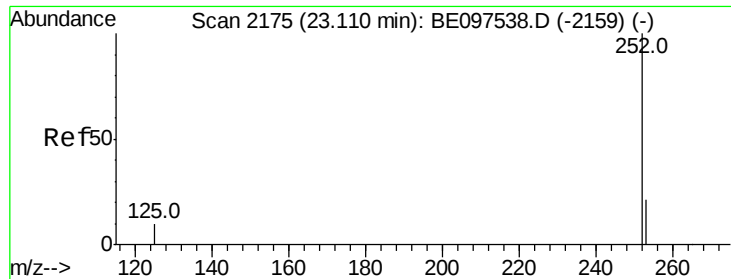
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.21 min Scan# 2203
 Delta R.T. -0.00 min
 Lab File: BE097564.D
 Acq: 20 Sep 2018 6:32

Tgt Ion:264 Resp: 7688
 Ion Ratio Lower Upper
 264 100
 260 25.7 20.5 30.7
 265 33.1 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: 23.11 min Scan# 2175

Delta R.T. -0.00 min

Lab File: BE097564.D

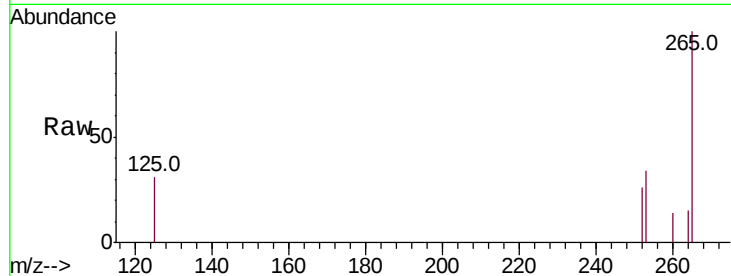
Acq: 20 Sep 2018 6:32

Instrument :

BNA_E

ClientSampleId :

BP-DUP03-20180915



Tot Ion:	252	Resp:	4
Ion	Ratio	Lower	Upper
252	100		
253	132.7	16.0	24.0#
125	120.4	12.0	18.0#

