

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE092018\
 Data File : BE097591.D
 Acq On : 21 Sep 2018 2:28
 Operator : SJ/JU
 Sample : J4963-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SA-PZ123I-20180914

Quant Time: Sep 21 06:02:00 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	782	0.40	ng	0.00
7) Naphthalene-d8	10.13	136	3496	0.40	ng	0.00
13) Acenaphthene-d10	14.00	164	2245	0.40	ng	0.00
19) Phenanthrene-d10	16.75	188	6998	0.40	ng	0.00
27) Chrysene-d12	20.97	240	9339	0.40	ng	0.00
34) Perylene-d12	23.20	264	9116	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.05	112	490	0.21	ng	0.00
5) Phenol-d6	6.56	99	3	0.00	ng	-0.04
8) Nitrobenzene-d5	8.56	82	1082	0.40	ng	0.03
11) 2-Methylnaphthalene-d10	11.73	152	2254	0.47	ng	0.01
14) 2,4,6-Tribromophenol	15.51	330	633	0.66	ng	-0.01
15) 2-Fluorobiphenyl	12.62	172	5324	0.67	ng	0.00
25) Fluoranthene-d10	18.80	212	43669	0.49	ng	0.00
29) Terphenyl-d14	19.41	244	10622	0.62	ng	0.00

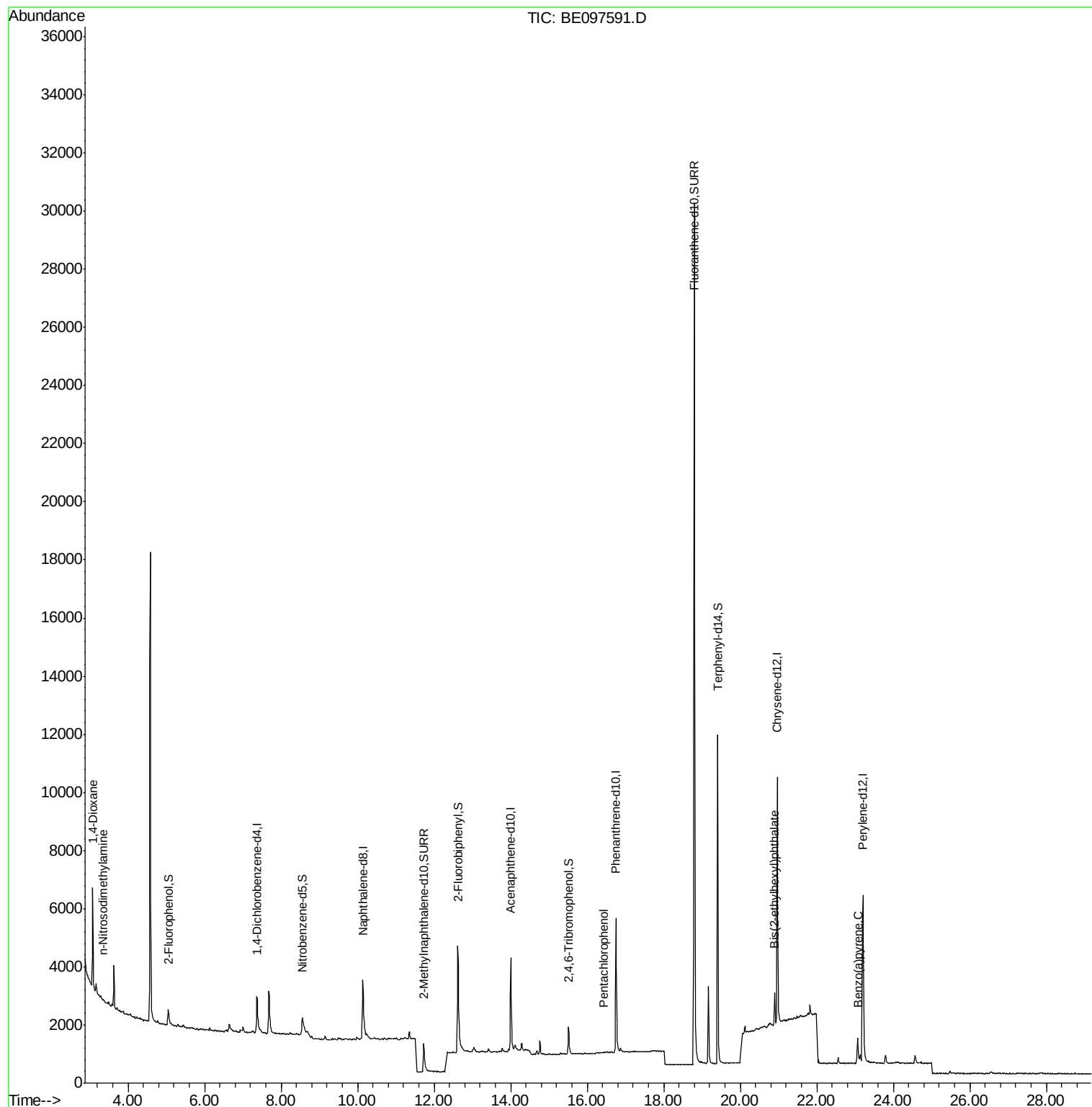
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.07	88	1845	1.496	ng	98
3) n-Nitrosodimethylamine	3.35	42	92	0.094	ng	# 1
22) Pentachlorophenol	16.44	266	43	0.157	ng	94
32) Bis(2-ethylhexyl)phthalate	20.89	149	1630	0.052	ng	# 100
37) Benzo(a)pyrene	23.09	252	11	0.021	ng	# 1

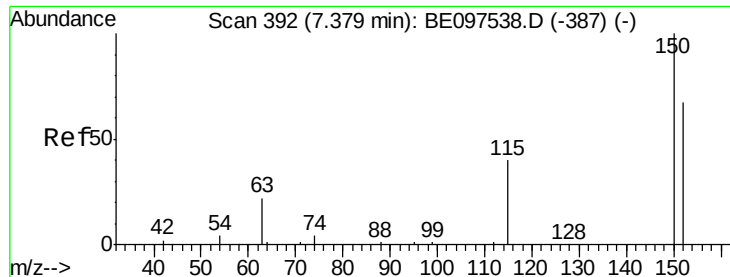
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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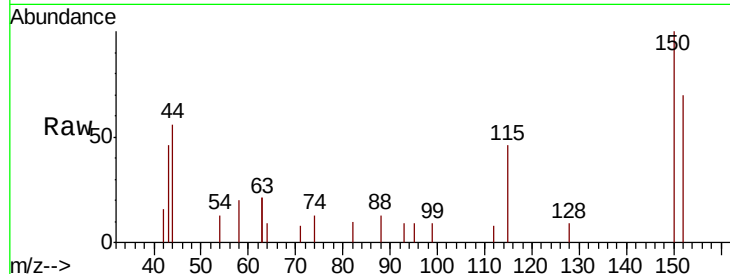


#1

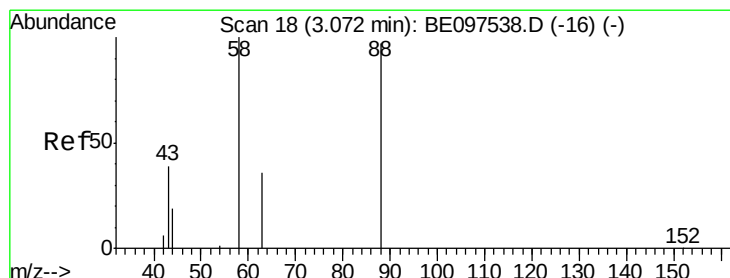
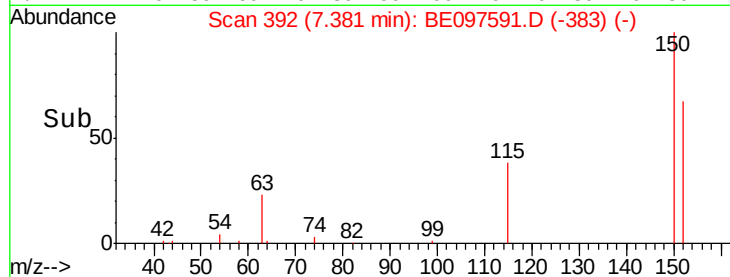
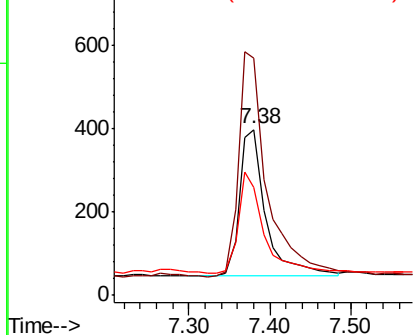
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. 0.00 min
Lab File: BE097591.D
Acq: 21 Sep 2018 2:28

Instrument :
BNA_E
ClientSampleId :
SA-PZ123I-20180914

Tgt Ion: 152 Resp: 782
Ion Ratio Lower Upper
152 100
150 143.2 117.2 175.8
115 65.3 57.0 85.6



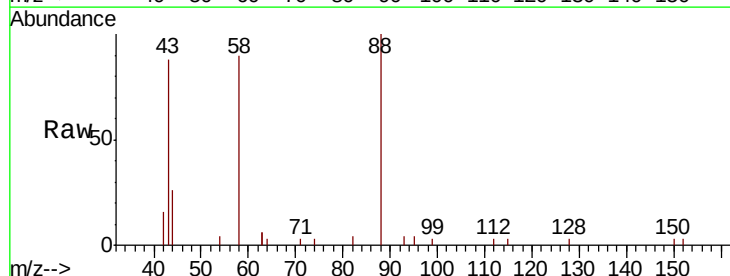
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



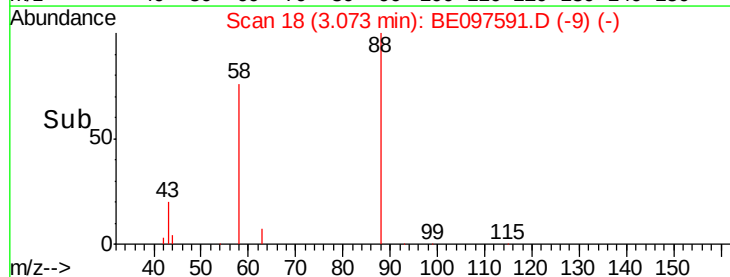
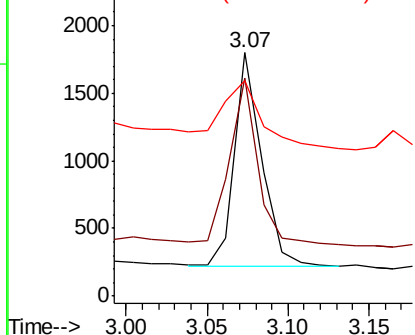
#2

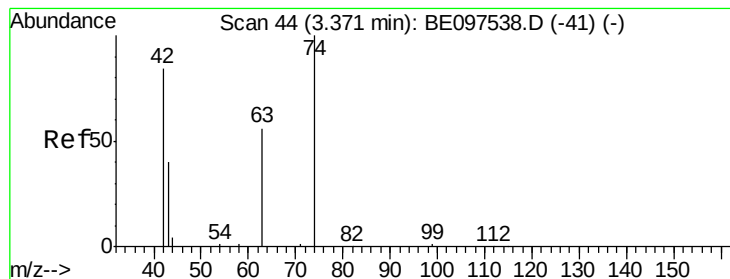
1,4-Dioxane
Concen: 1.496 ng
RT: 3.07 min Scan# 18
Delta R.T. 0.00 min
Lab File: BE097591.D
Acq: 21 Sep 2018 2:28

Tgt Ion: 88 Resp: 1845
Ion Ratio Lower Upper
88 100
58 79.5 63.2 94.8
43 47.8 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: 0.094 ng

RT: 3.35 min Scan# 42

Delta R.T. -0.02 min

Lab File: BE097591.D

Acq: 21 Sep 2018 2:28

Instrument :

BNA_E

ClientSampleId :

SA-PZ123I-20180914

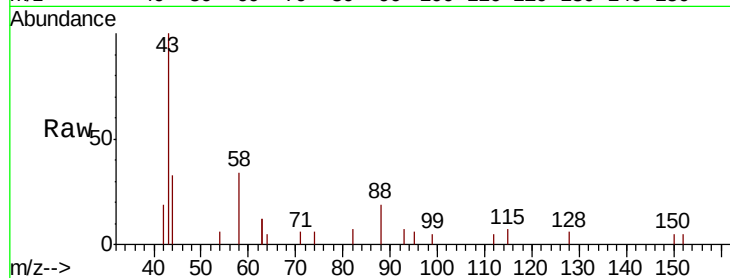
Tgt Ion: 42 Resp: 92

Ion Ratio Lower Upper

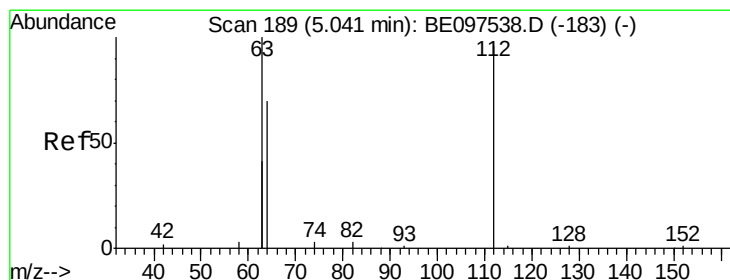
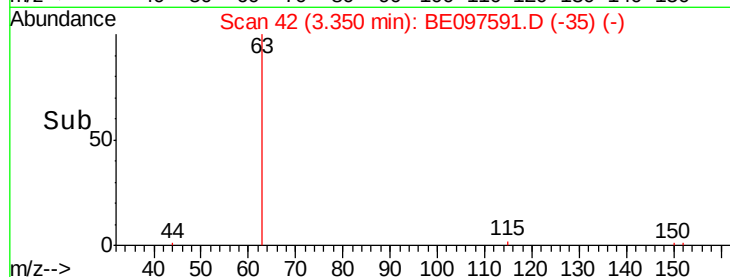
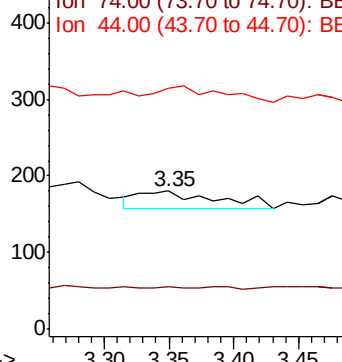
42 100

74 9.8 96.0 144.0#

44 73.9 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: 0.209 ng

RT: 5.05 min Scan# 190

Delta R.T. 0.00 min

Lab File: BE097591.D

Acq: 21 Sep 2018 2:28

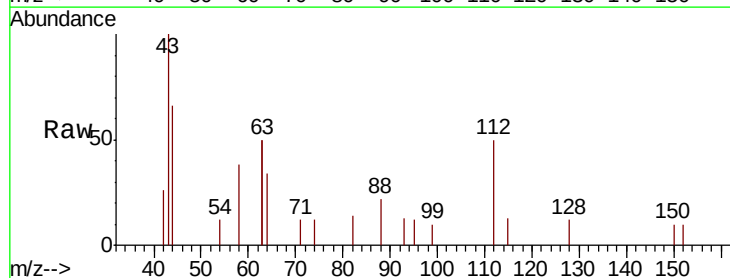
Tgt Ion: 112 Resp: 490

Ion Ratio Lower Upper

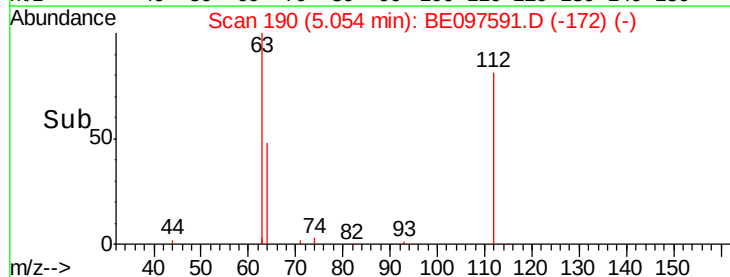
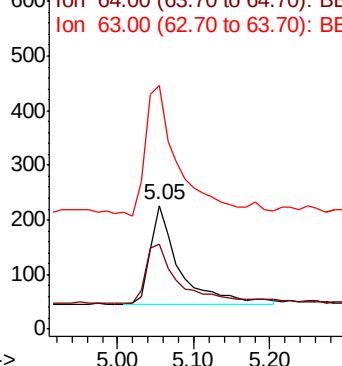
112 100

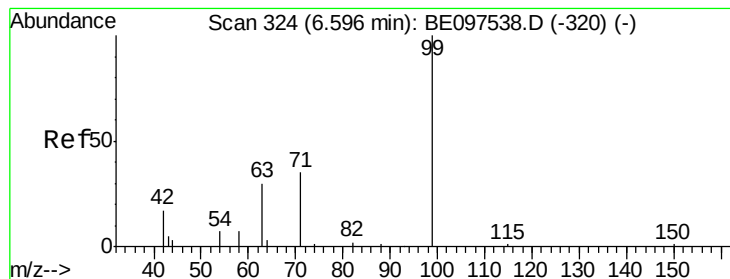
64 66.3 60.1 90.1

63 135.3 116.8 175.2



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: 6.56 min Scan# 321

Delta R.T. -0.04 min

Lab File: BE097591.D

Acq: 21 Sep 2018 2:28

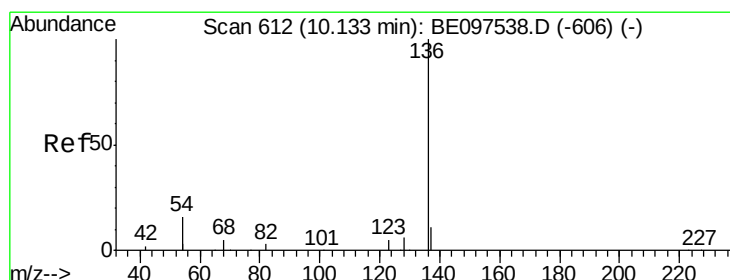
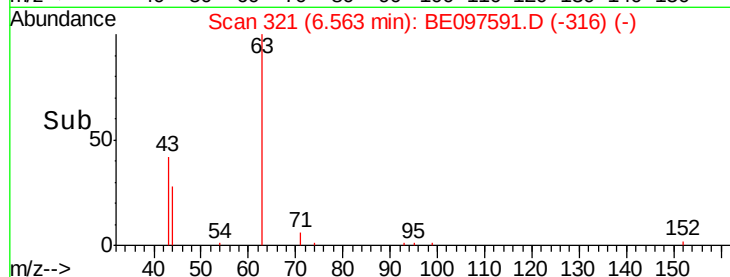
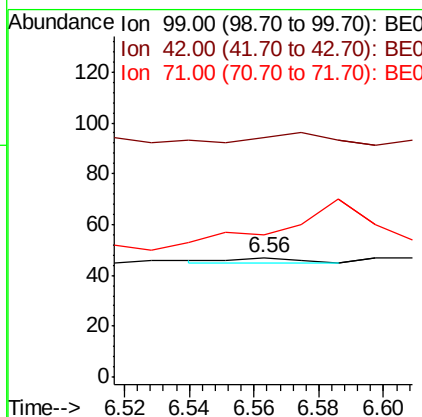
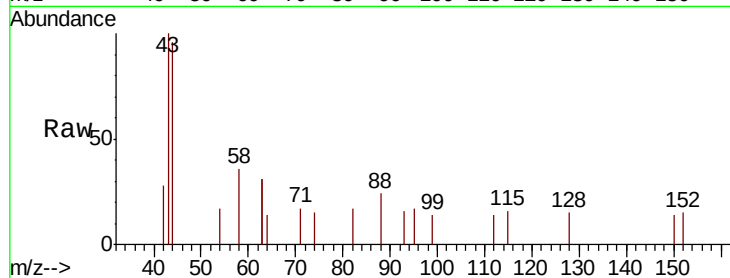
Instrument :

BNA_E

ClientSampleId :

SA-PZ123I-20180914

Tgt 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

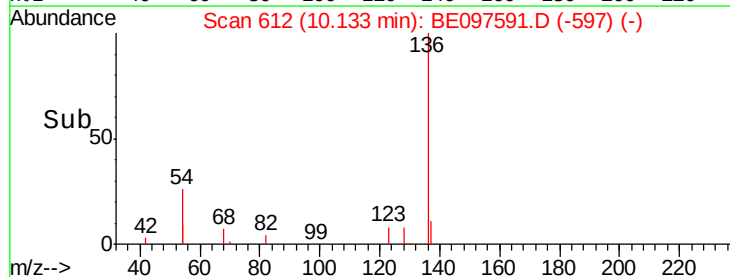
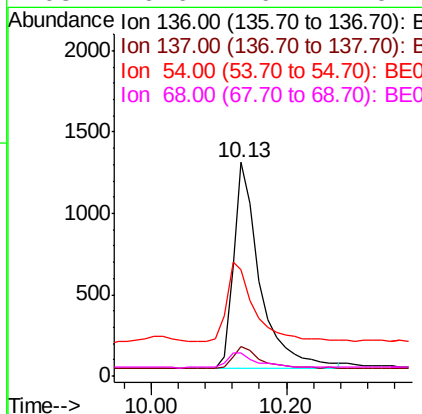
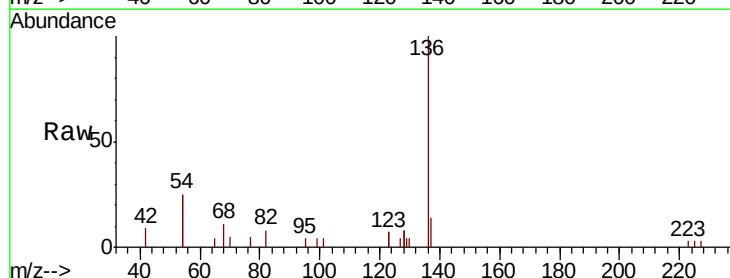
RT: 10.13 min Scan# 612

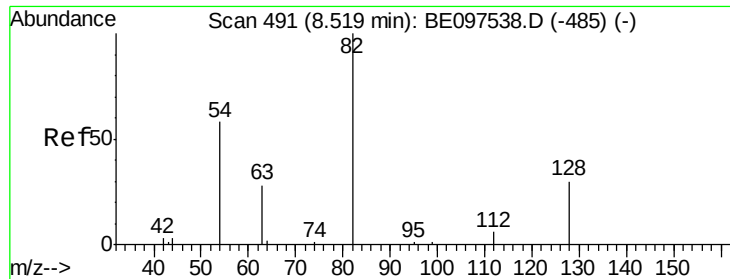
Delta R.T. 0.00 min

Lab File: BE097591.D

Acq: 21 Sep 2018 2:28

Tgt Ion:	136	Resp:	3496
Ion	Ratio	Lower	Upper
136	100		
137	14.1	9.5	14.3
54	49.7	29.1	43.7#
68	10.6	6.2	9.2#





#8

Nitrobenzene-d5

Concen: 0.401 ng

RT: 8.56 min Scan# 494

Delta R.T. 0.03 min

Lab File: BE097591.D

Acq: 21 Sep 2018 2:28

Instrument :

BNA_E

ClientSampleId :

SA-PZ123I-20180914

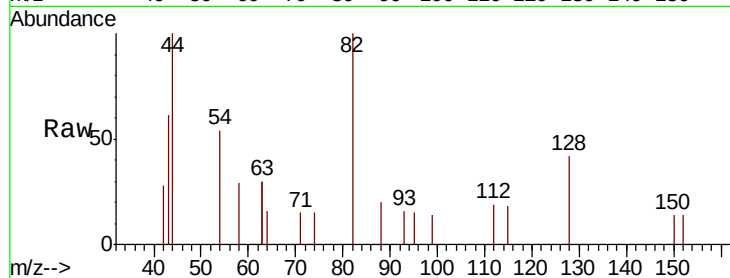
Tgt Ion: 82 Resp: 1082

Ion Ratio Lower Upper

82 100

128 42.2 24.0 36.0#

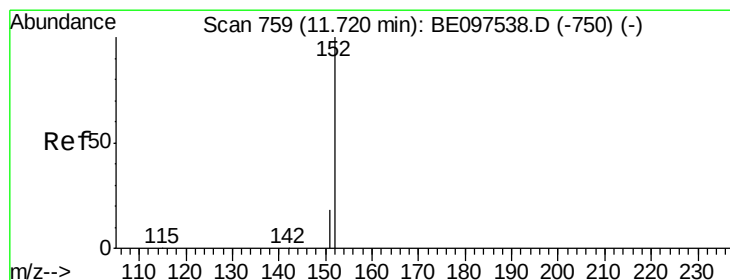
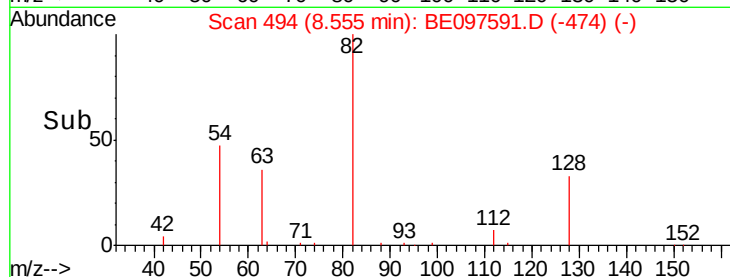
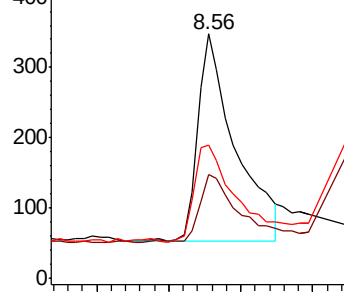
54 54.3 40.0 60.0



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: 0.468 ng

RT: 11.73 min Scan# 761

Delta R.T. 0.01 min

Lab File: BE097591.D

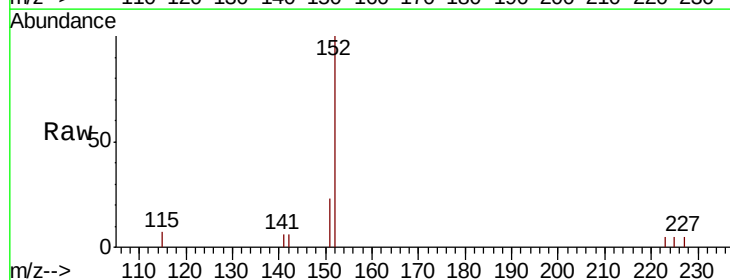
Acq: 21 Sep 2018 2:28

Tgt Ion: 152 Resp: 2254

Ion Ratio Lower Upper

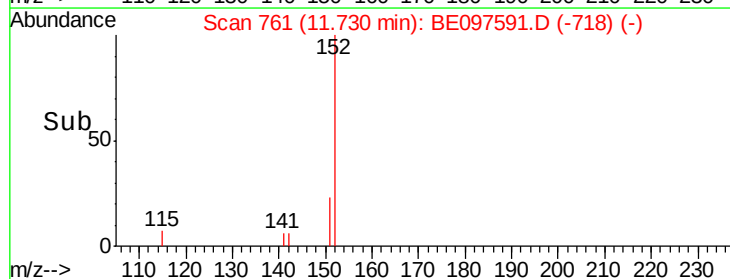
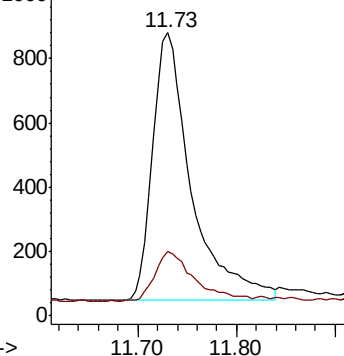
152 100

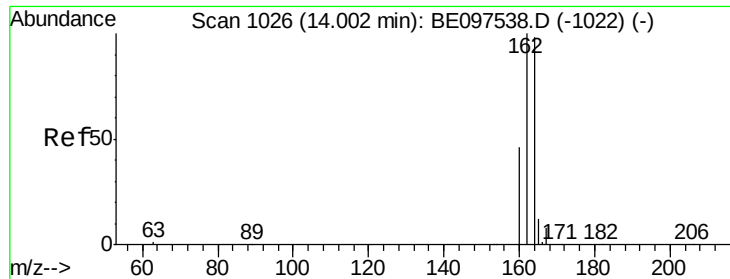
151 18.1 15.4 23.0



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: BE097591.D

Acq: 21 Sep 2018 2:28

Instrument :

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ClientSampleId :

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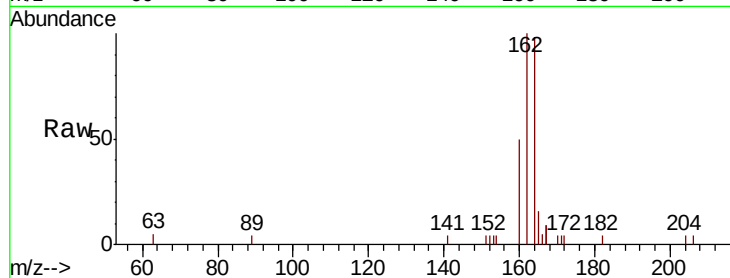
Tgt Ion:164 Resp: 2245

Ion Ratio Lower Upper

164 100

162 102.4 83.1 124.7

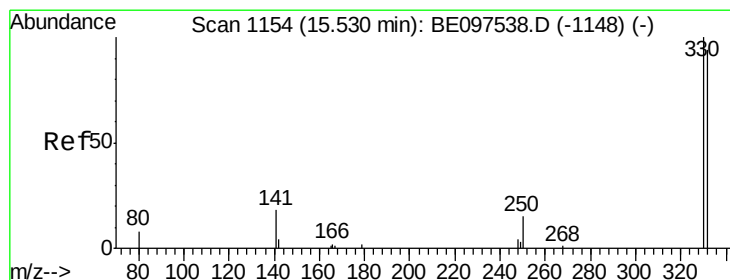
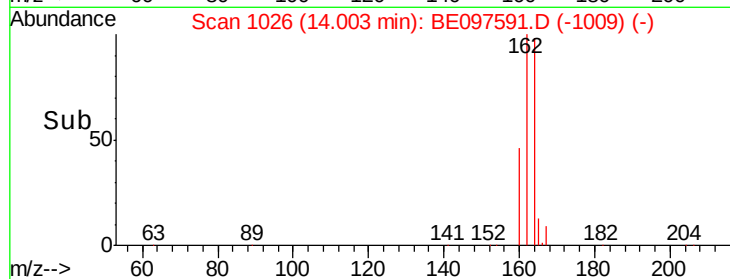
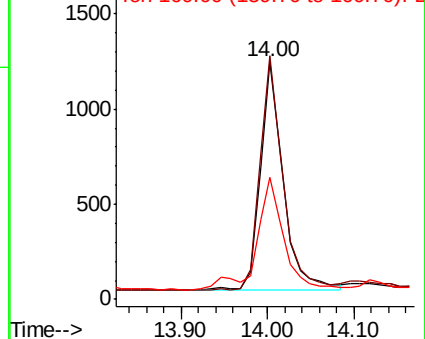
160 51.3 37.1 55.7



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: 0.664 ng

RT: 15.51 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BE097591.D

Acq: 21 Sep 2018 2:28

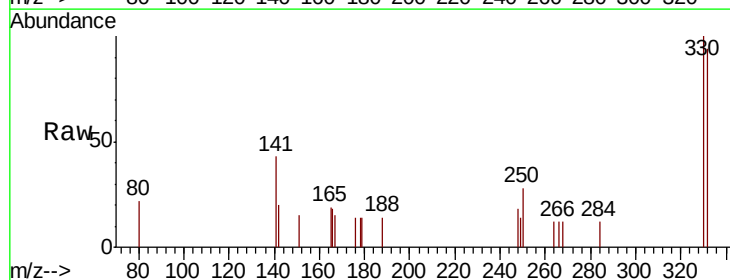
Tgt Ion:330 Resp: 633

Ion Ratio Lower Upper

330 100

332 97.2 152.7 229.1#

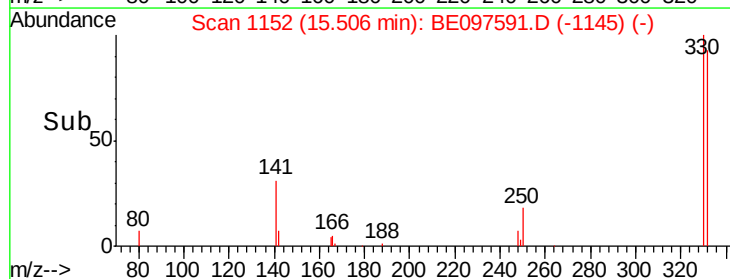
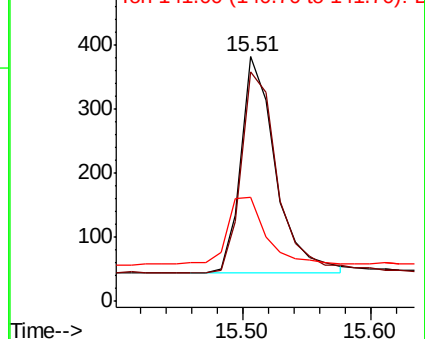
141 34.8 33.7 50.5

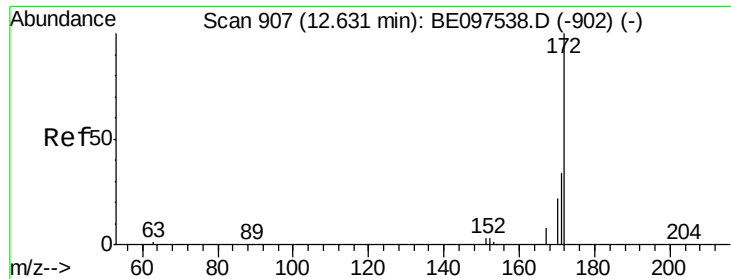


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

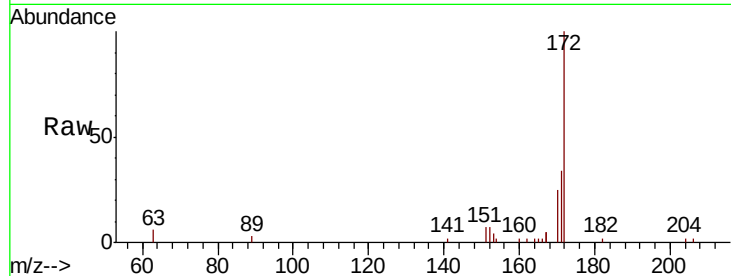




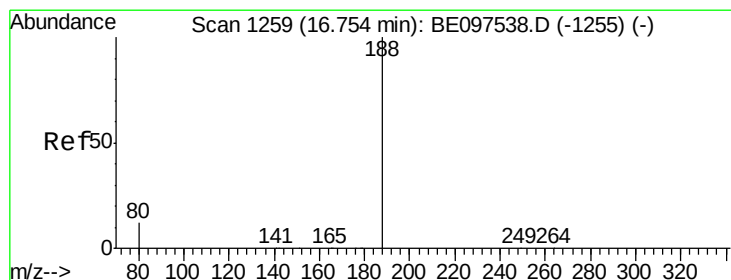
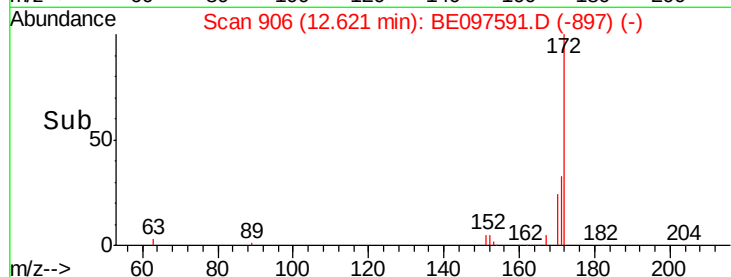
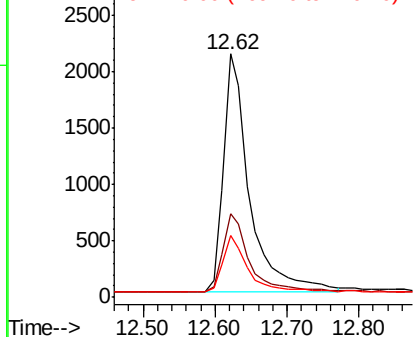
#15
2-Fluorobiphenyl
Concen: 0.671 ng
RT: 12.62 min Scan# 906
Delta R.T. 0.00 min
Lab File: BE097591.D
Acq: 21 Sep 2018 2:28

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Tgt Ion:172 Resp: 5324
Ion Ratio Lower Upper
172 100
171 34.5 29.9 44.9
170 25.2 21.8 32.8

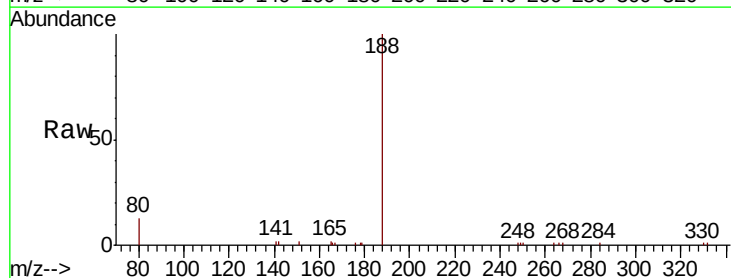


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

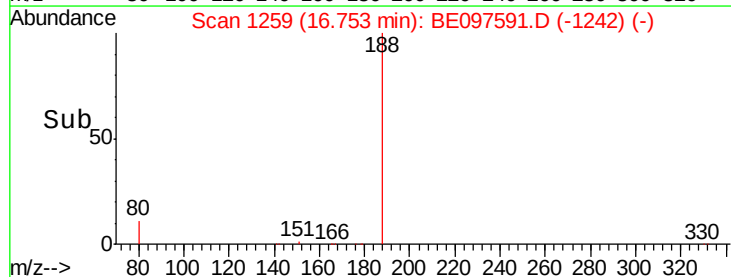
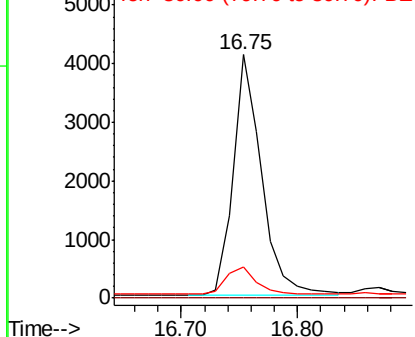


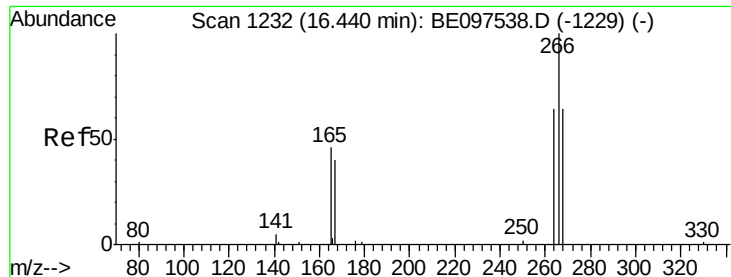
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.75 min Scan# 1259
Delta R.T. -0.00 min
Lab File: BE097591.D
Acq: 21 Sep 2018 2:28

Tgt Ion:188 Resp: 6998
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 12.7 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

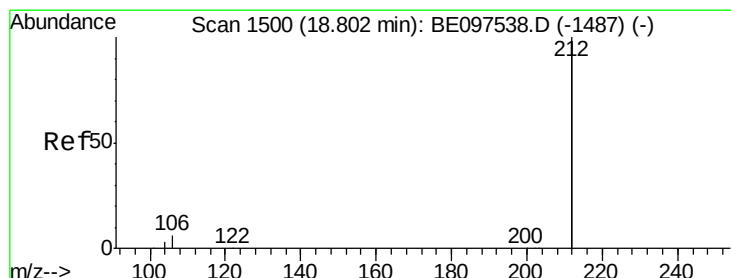
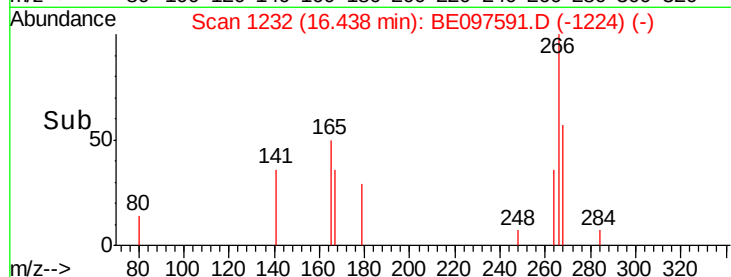
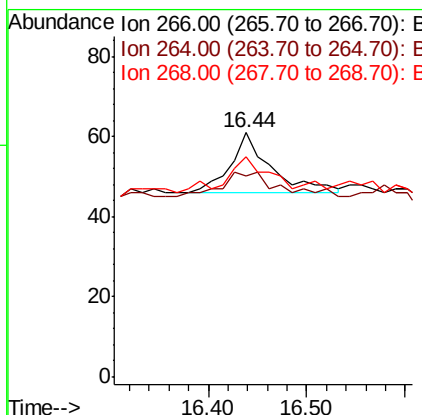
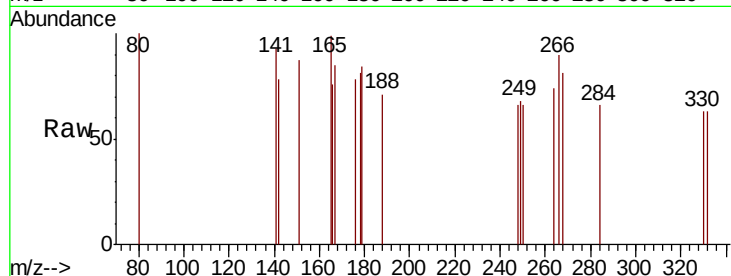




#22
 Pentachlorophenol
 Concen: 0.157 ng
 RT: 16.44 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BE097591.D
 Acq: 21 Sep 2018 2:28

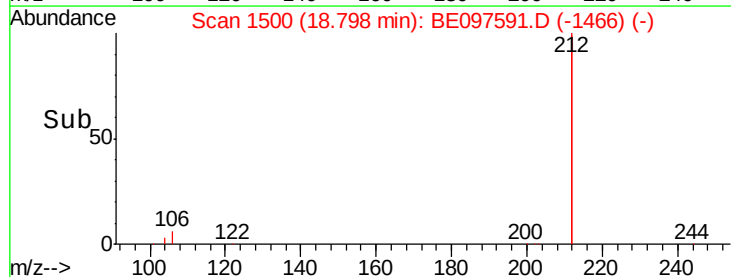
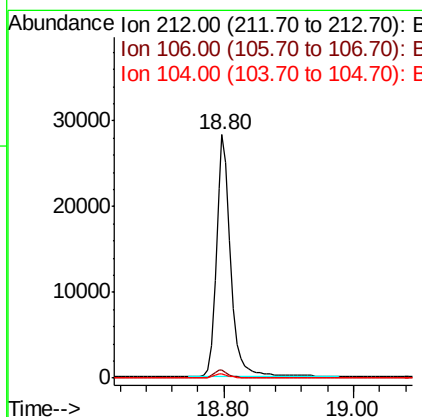
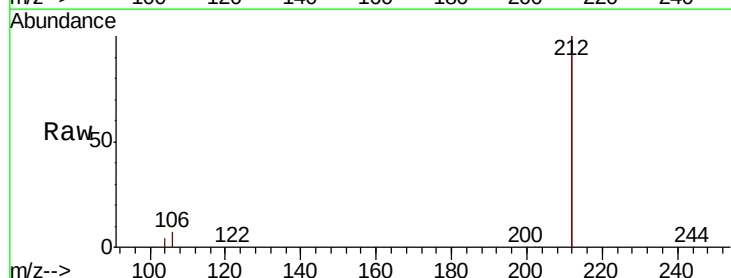
Instrument :
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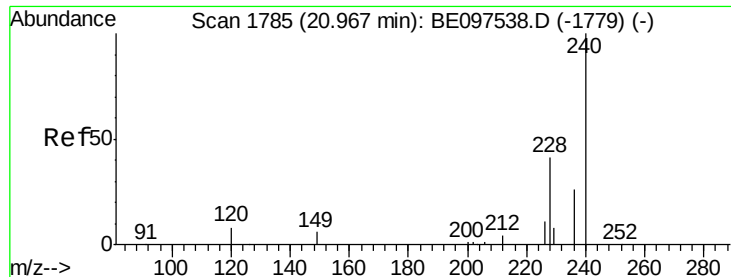
Tgt Ion: 266 Resp: 43
 Ion Ratio Lower Upper
 266 100
 264 82.0 72.5 108.7
 268 90.2 73.8 110.6



#25
 Fluoranthene-d10
 Concen: 0.487 ng
 RT: 18.80 min Scan# 1500
 Delta R.T. -0.01 min
 Lab File: BE097591.D
 Acq: 21 Sep 2018 2:28

Tgt Ion: 212 Resp: 43669
 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: BE097591.D

Acq: 21 Sep 2018 2:28

Instrument :

BNA_E

ClientSampleId :

SA-PZ123I-20180914

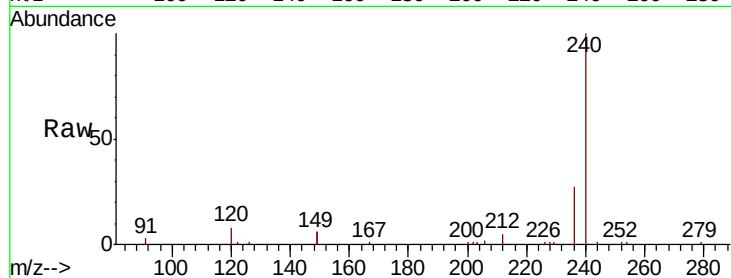
Tgt Ion:240 Resp: 9339

Ion Ratio Lower Upper

240 100

120 8.4 5.5 8.3#

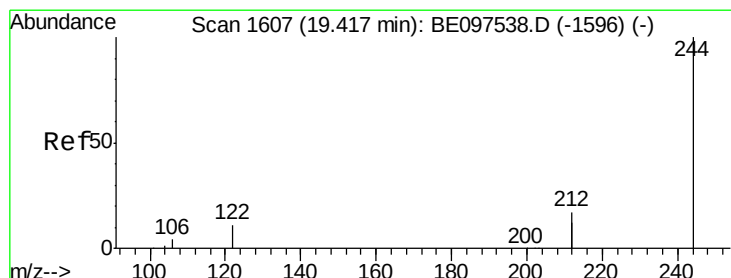
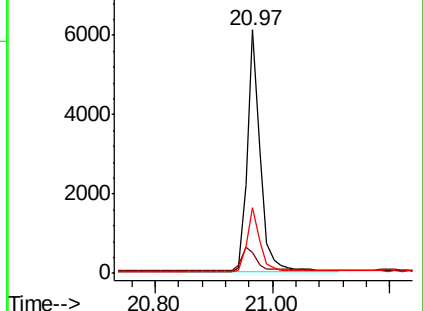
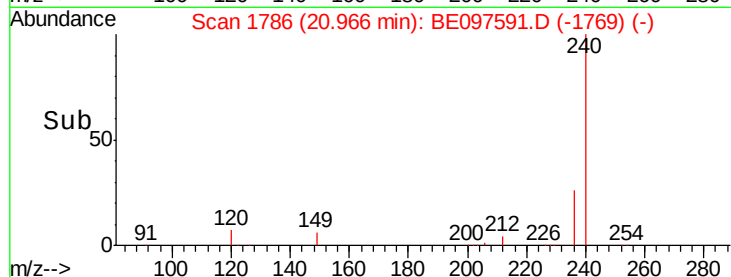
236 27.1 20.7 31.1



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: 0.621 ng

RT: 19.41 min Scan# 1607

Delta R.T. -0.01 min

Lab File: BE097591.D

Acq: 21 Sep 2018 2:28

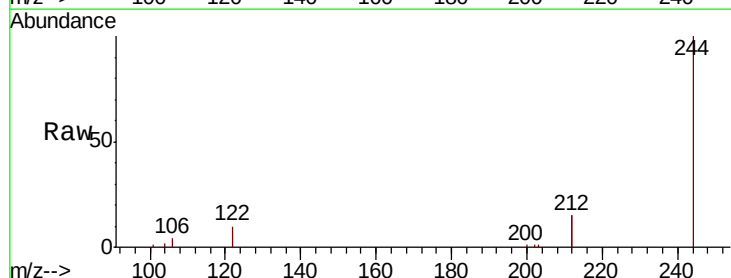
Tgt Ion:244 Resp: 10622

Ion Ratio Lower Upper

244 100

212 30.2 25.4 38.0

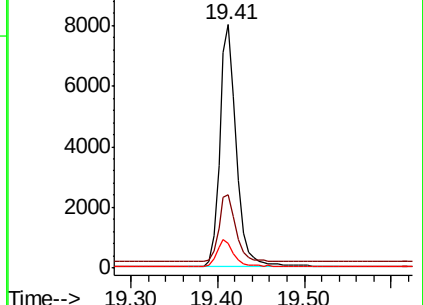
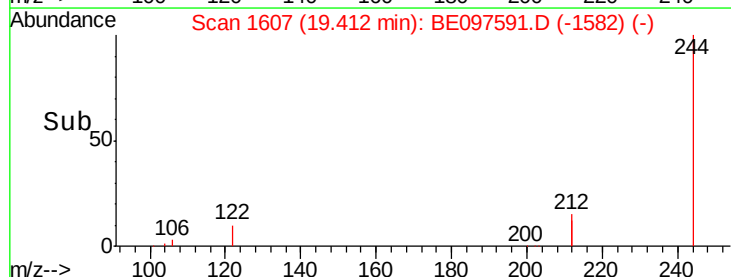
122 10.3 8.1 12.1

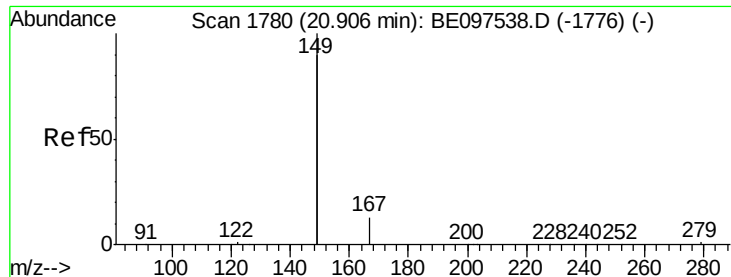


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

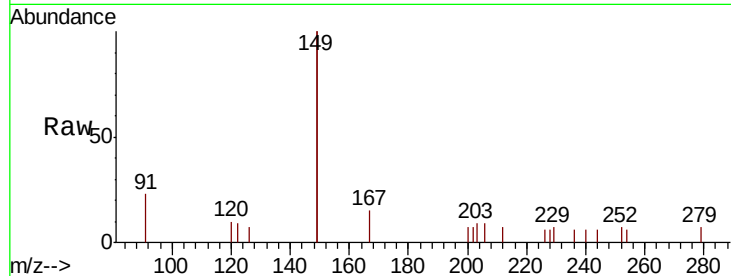




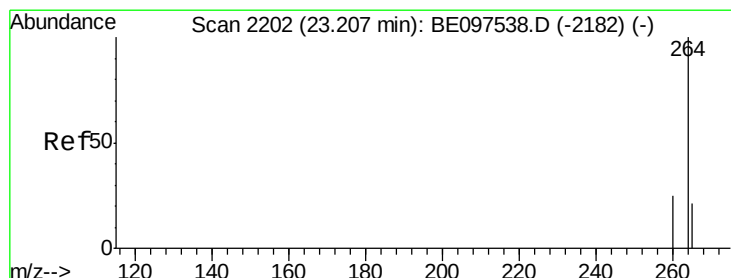
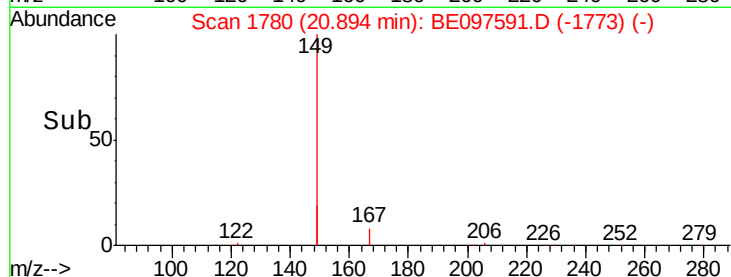
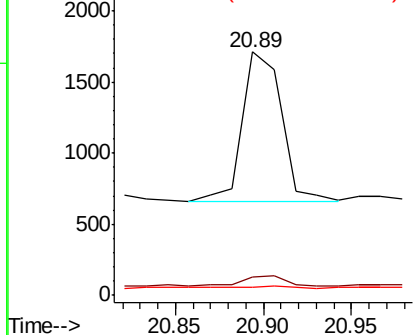
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.052 ng
 RT: 20.89 min Scan# 1780
 Delta R.T. -0.01 min
 Lab File: BE097591.D
 Acq: 21 Sep 2018 2:28

Instrument :
 BNA_E
 ClientSampleId :
 SA-PZ123I-20180914

Tgt Ion:149 Resp: 1630
 Ion Ratio Lower Upper
 149 100
 167 6.7 5.4 8.0
 279 1.2 0.7 1.1#

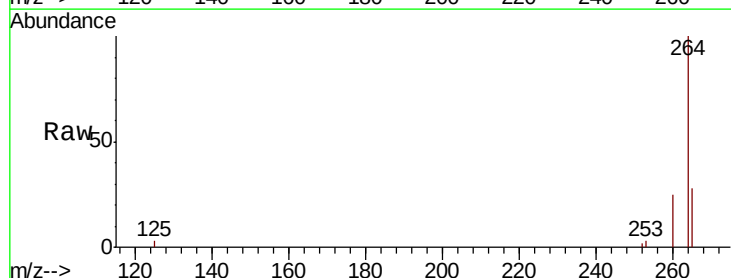


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

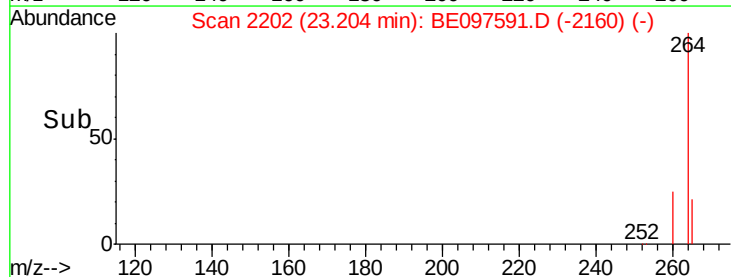
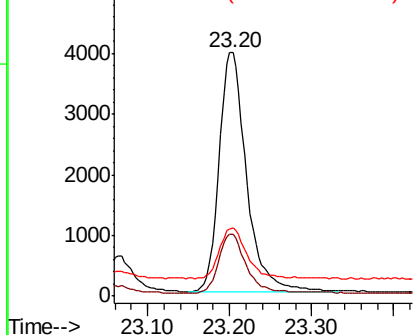


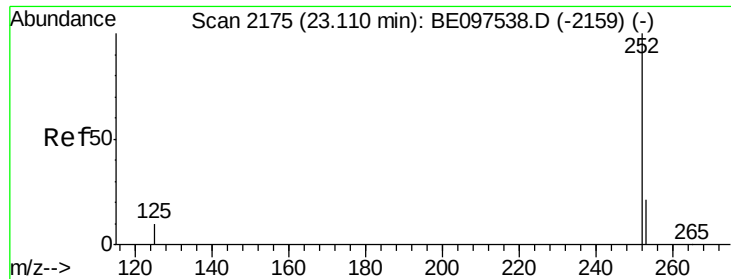
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.20 min Scan# 2202
 Delta R.T. 0.00 min
 Lab File: BE097591.D
 Acq: 21 Sep 2018 2:28

Tgt Ion:264 Resp: 9116
 Ion Ratio Lower Upper
 264 100
 260 25.3 20.5 30.7
 265 27.9 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: 23.09 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BE097591.D

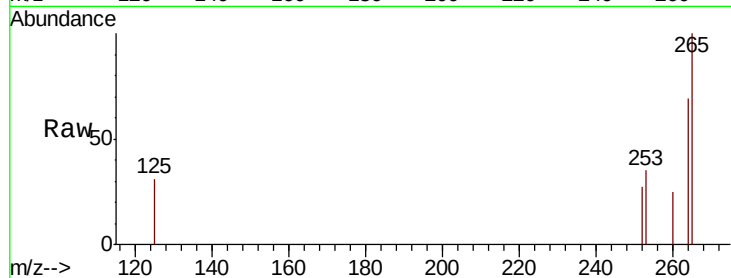
Acq: 21 Sep 2018 2:28

Instrument :

BNA_E

ClientSampleId :

SA-PZ123I-20180914



Tgt Ion	Ratio	Lower	Upper
252	100		
253	130.2	16.0	24.0#
125	115.1	12.0	18.0#

