

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE092018\
 Data File : BE097593.D
 Acq On : 21 Sep 2018 3:42
 Operator : SJ/JU
 Sample : J4963-06
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SA-PZ122D-20180914

Quant Time: Sep 21 06:02:16 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	808	0.40	ng	0.00
7) Naphthalene-d8	10.13	136	3652	0.40	ng	0.00
13) Acenaphthene-d10	14.00	164	2221	0.40	ng	0.00
19) Phenanthrene-d10	16.75	188	6922	0.40	ng	0.00
27) Chrysene-d12	20.97	240	9619	0.40	ng	0.00
34) Perylene-d12	23.20	264	9395	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.05	112	464	0.19	ng	0.00
5) Phenol-d6	6.66	99	192	0.06	ng	0.05
8) Nitrobenzene-d5	8.56	82	1190	0.42	ng	0.03
11) 2-Methylnaphthalene-d10	11.72	152	2372	0.47	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	617	0.66	ng	0.00
15) 2-Fluorobiphenyl	12.62	172	5388	0.69	ng	0.00
25) Fluoranthene-d10	18.80	212	43298	0.49	ng	0.00
29) Terphenyl-d14	19.41	244	9942	0.56	ng	0.00

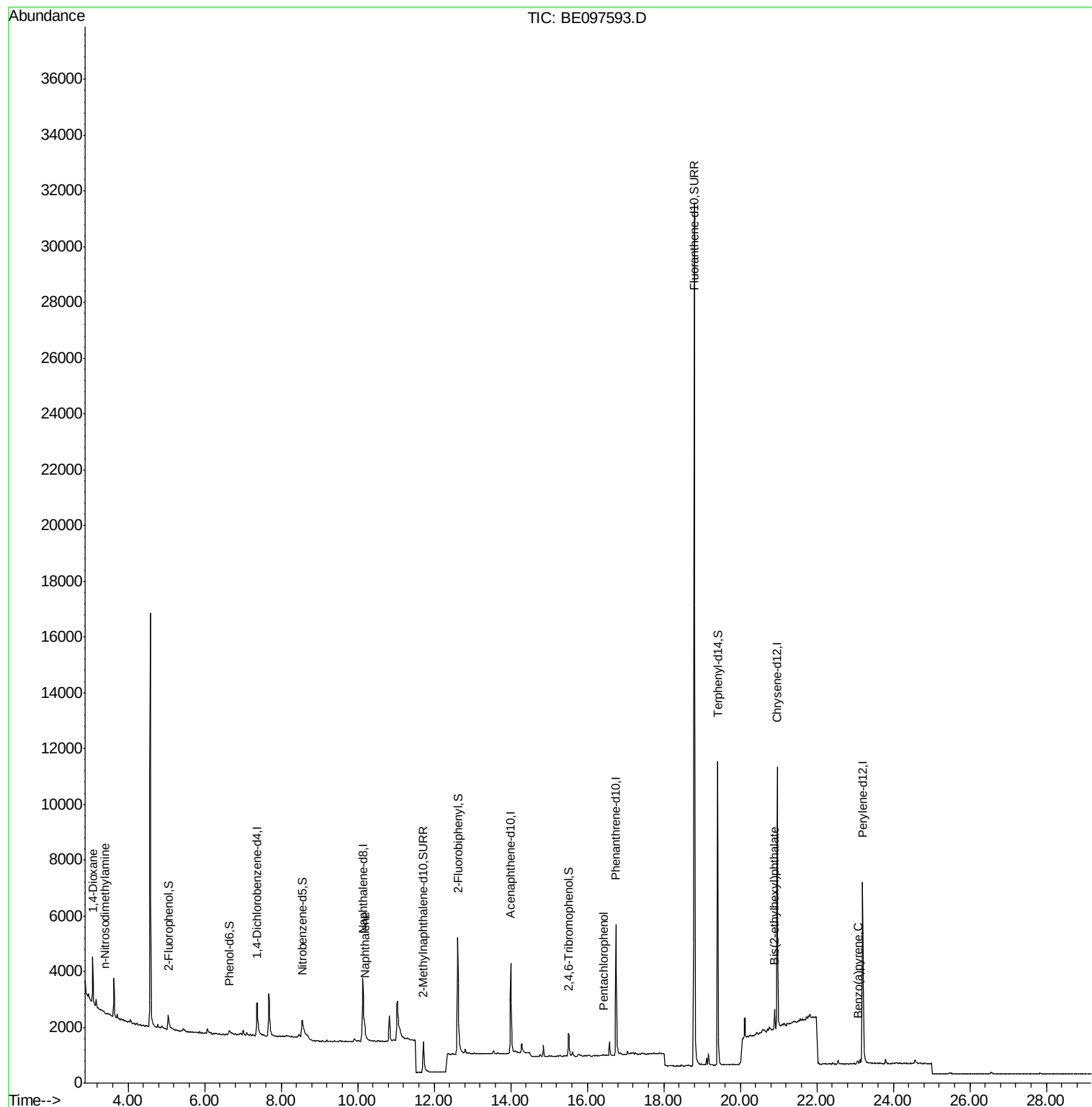
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.07	88	909	0.689	ng	94
3) n-Nitrosodimethylamine	3.40	42	20	0.033	ng	# 1
9) Naphthalene	10.18	128	963	0.029	ng	# 78
22) Pentachlorophenol	16.44	266	17	0.141	ng	96
32) Bis(2-ethylhexyl)phthalate	20.89	149	1050	0.036	ng	# 99
37) Benzo(a)pyrene	23.10	252	1	0.021	ng	# 1

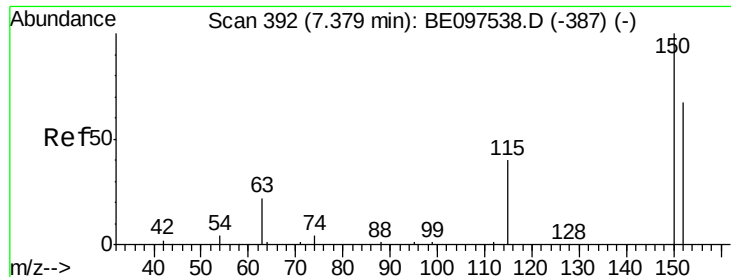
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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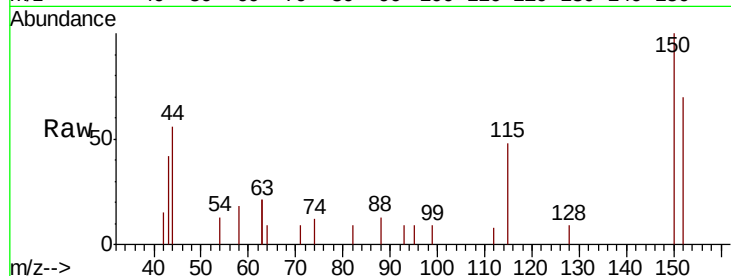


#1

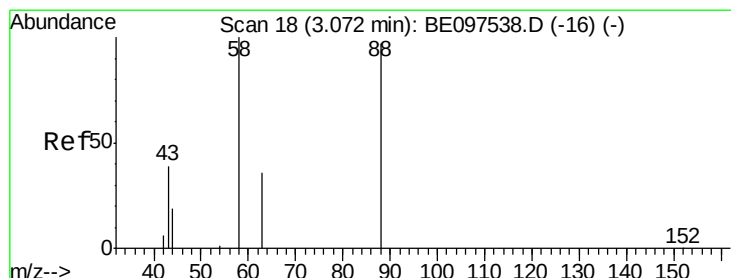
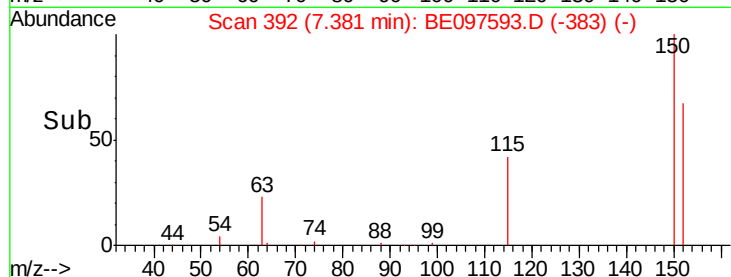
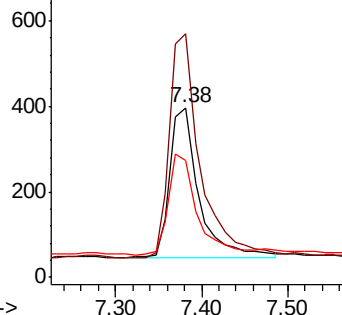
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. 0.00 min
Lab File: BE097593.D
Acq: 21 Sep 2018 3:42

Instrument :
BNA_E
ClientSampleId :
SA-PZ122D-20180914

Tgt Ion: 152 Resp: 808
Ion Ratio Lower Upper
152 100
150 143.7 117.2 175.8
115 68.7 57.0 85.6



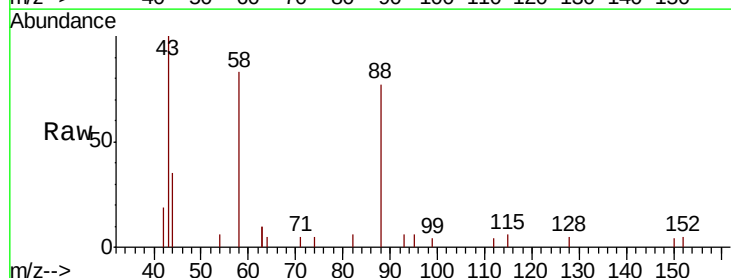
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



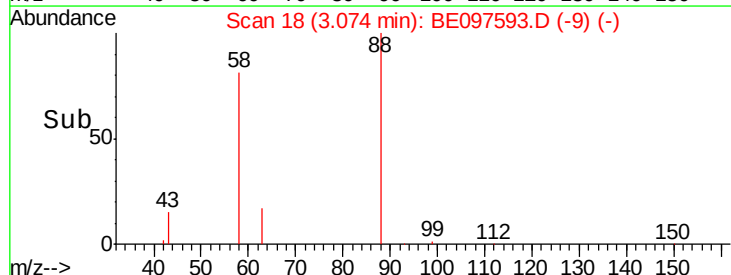
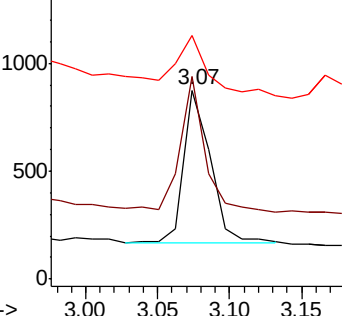
#2

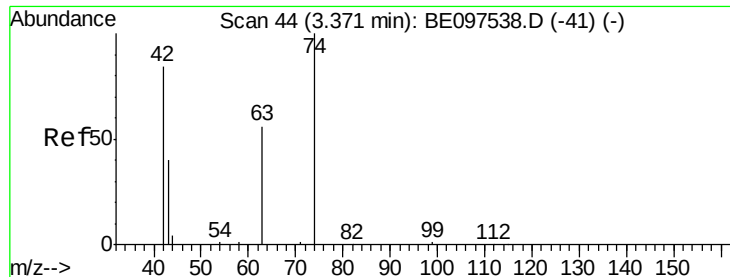
1,4-Dioxane
Concen: 0.689 ng
RT: 3.07 min Scan# 18
Delta R.T. 0.00 min
Lab File: BE097593.D
Acq: 21 Sep 2018 3:42

Tgt Ion: 88 Resp: 909
Ion Ratio Lower Upper
88 100
58 83.4 63.2 94.8
43 45.5 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: 0.033 ng

RT: 3.40 min Scan# 46

Delta R.T. 0.03 min

Lab File: BE097593.D

Acq: 21 Sep 2018 3:42

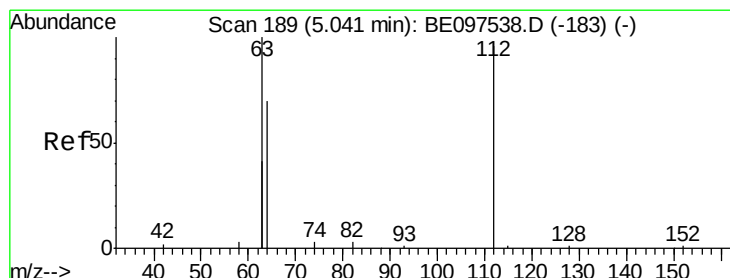
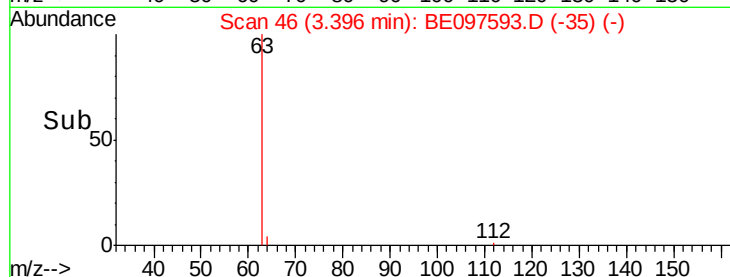
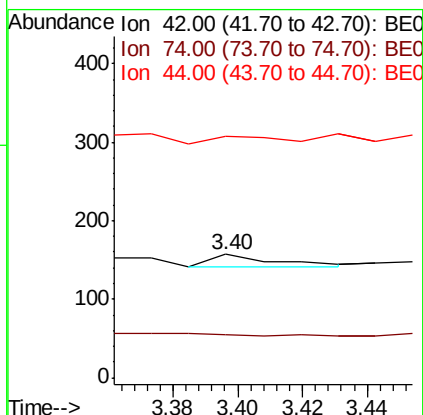
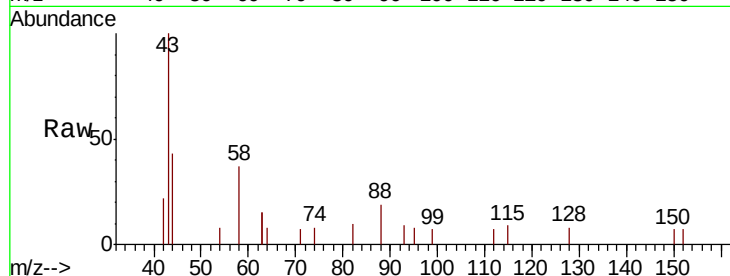
Instrument :

BNA_E

ClientSampleId :

SA-PZ122D-20180914

Tgt Ion:	42	Resp:	20
Ion	Ratio	Lower	Upper
42	100		
74	0.0	96.0	144.0#
44	75.0	12.0	18.0#



#4

2-Fluorophenol

Concen: 0.192 ng

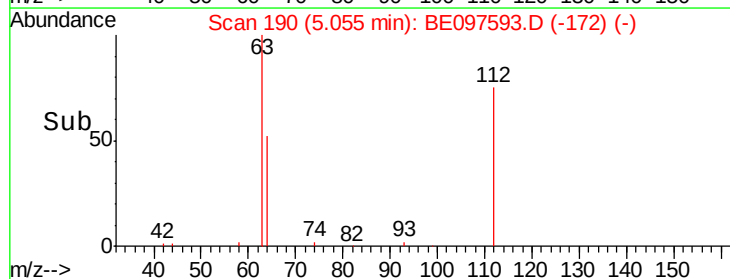
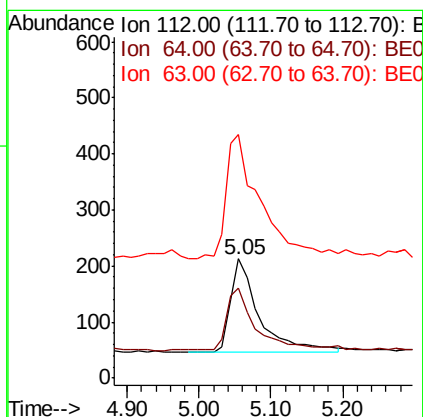
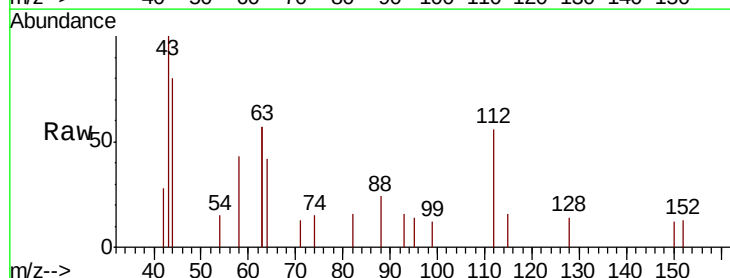
RT: 5.05 min Scan# 190

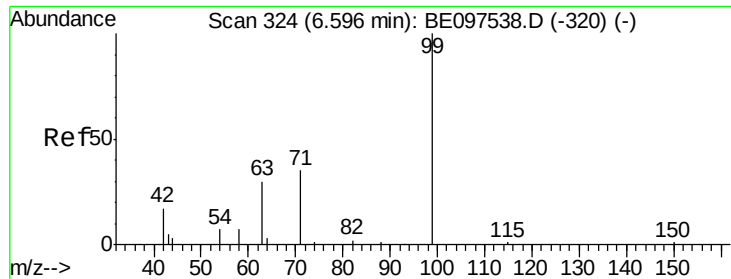
Delta R.T. 0.00 min

Lab File: BE097593.D

Acq: 21 Sep 2018 3:42

Tgt Ion:	112	Resp:	464
Ion	Ratio	Lower	Upper
112	100		
64	70.9	60.1	90.1
63	156.5	116.8	175.2





#5

Phenol-d6

Concen: 0.062 ng

RT: 6.66 min Scan# 329

Delta R.T. 0.05 min

Lab File: BE097593.D

Acq: 21 Sep 2018 3:42

Instrument :

BNA_E

ClientSampleId :

SA-PZ122D-20180914

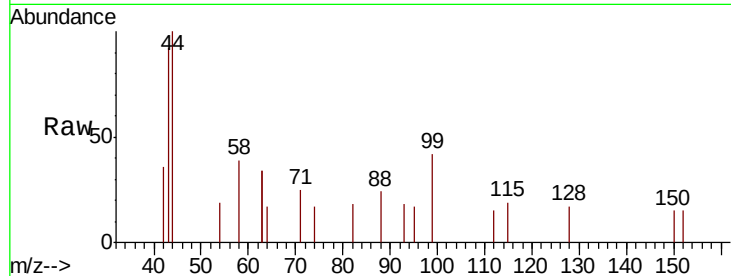
Tgt Ion: 99 Resp: 192

Ion Ratio Lower Upper

99 100

42 21.4 20.2 30.2

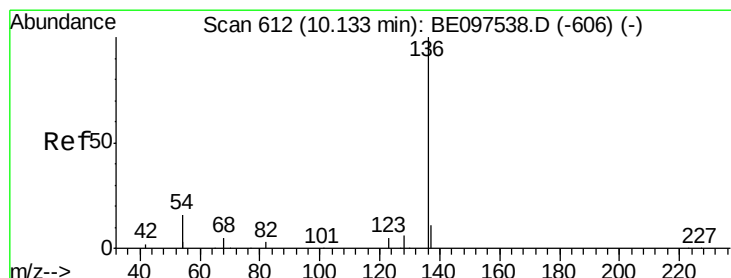
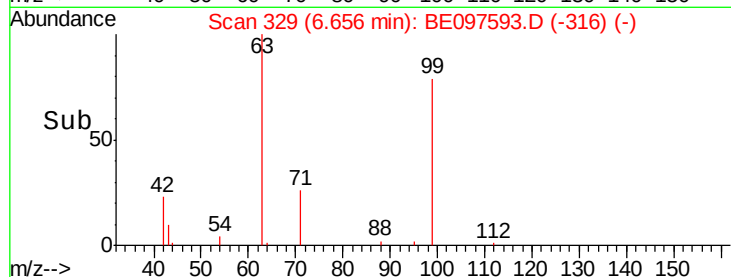
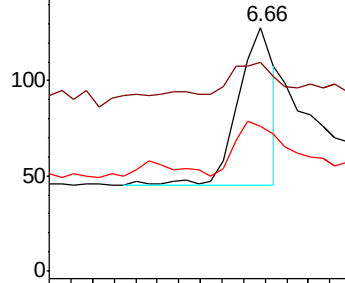
71 35.9 28.4 42.6



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: BE097593.D

Acq: 21 Sep 2018 3:42

Tgt Ion: 136 Resp: 3652

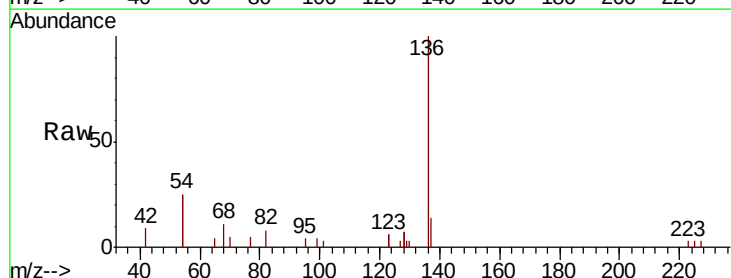
Ion Ratio Lower Upper

136 100

137 13.8 9.5 14.3

54 49.8 29.1 43.7#

68 10.7 6.2 9.2#

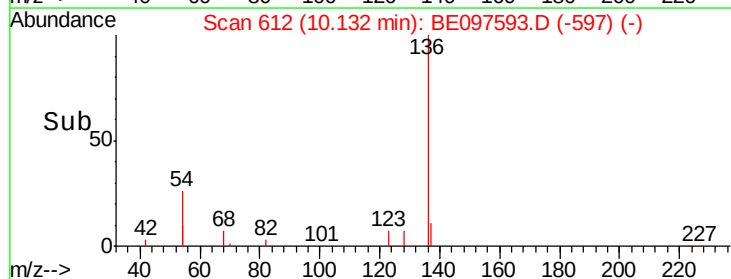
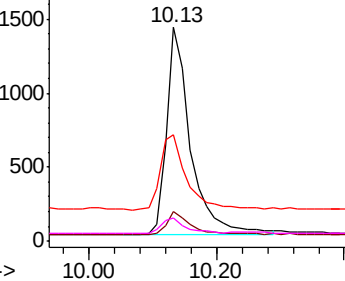


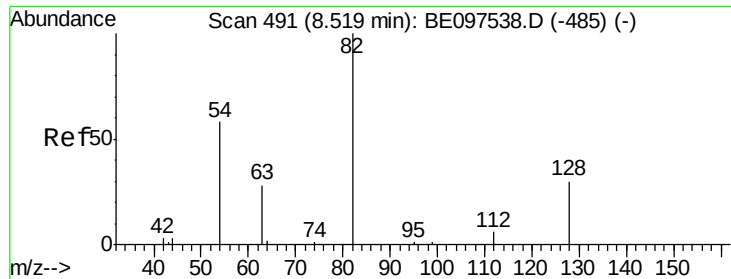
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.422 ng

RT: 8.56 min Scan# 494

Delta R.T. 0.03 min

Lab File: BE097593.D

Acq: 21 Sep 2018 3:42

Instrument :

BNA_E

ClientSampleId :

SA-PZ122D-20180914

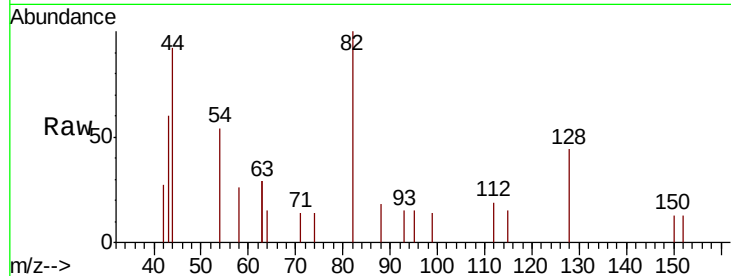
Tgt Ion: 82 Resp: 1190

Ion Ratio Lower Upper

82 100

128 44.3 24.0 36.0#

54 53.7 40.0 60.0

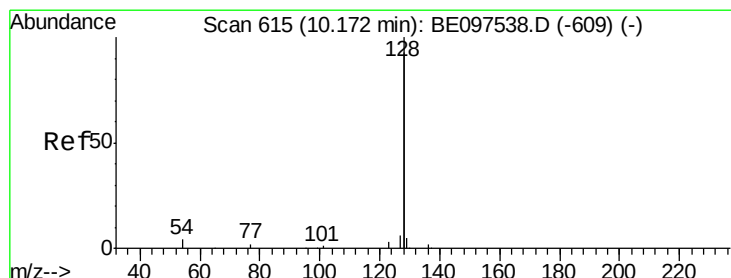
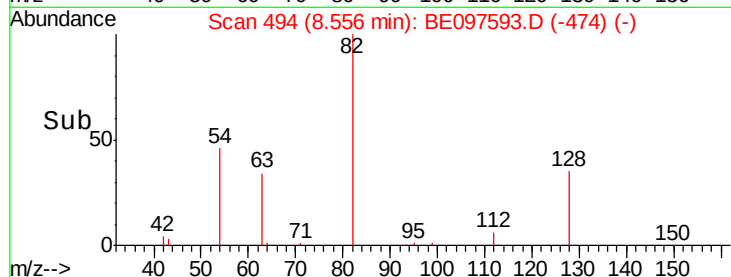
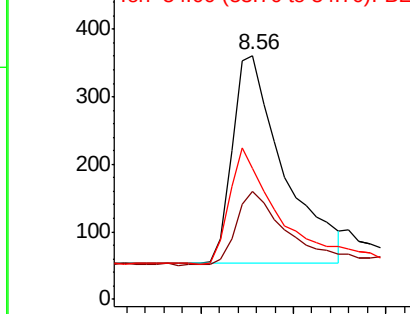


Abundance

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



#9

Naphthalene

Concen: 0.029 ng

RT: 10.18 min Scan# 616

Delta R.T. 0.01 min

Lab File: BE097593.D

Acq: 21 Sep 2018 3:42

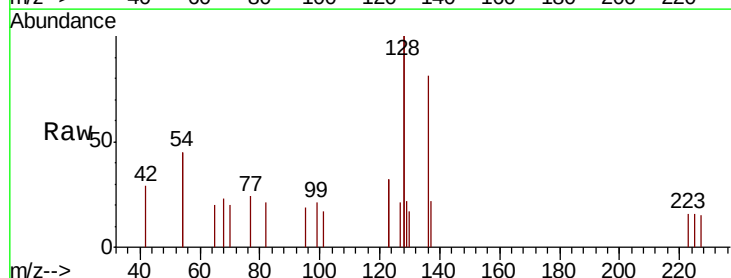
Tgt Ion: 128 Resp: 963

Ion Ratio Lower Upper

128 100

129 11.1 2.6 3.8#

127 10.4 2.8 4.2#

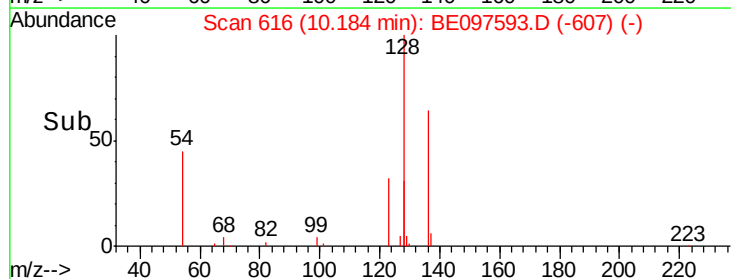
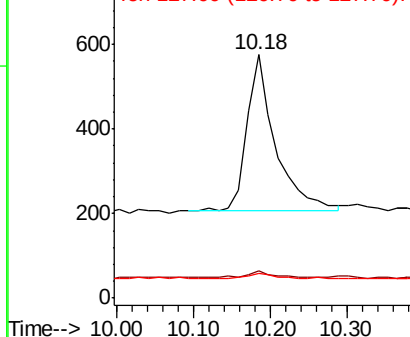


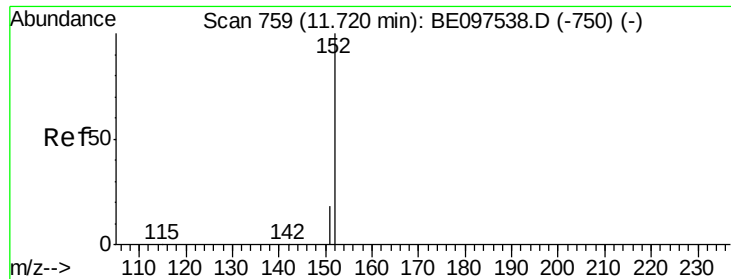
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

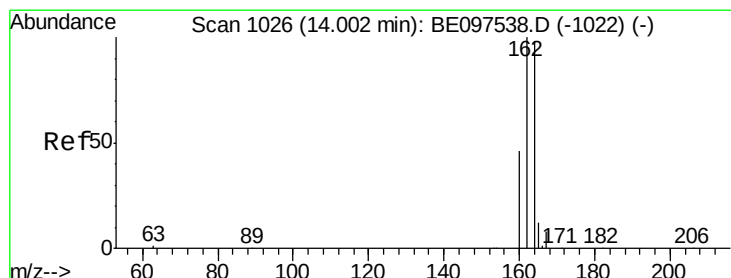
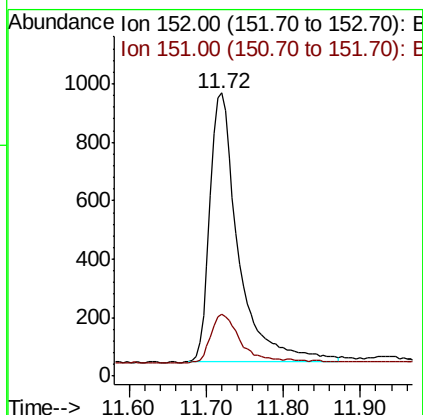
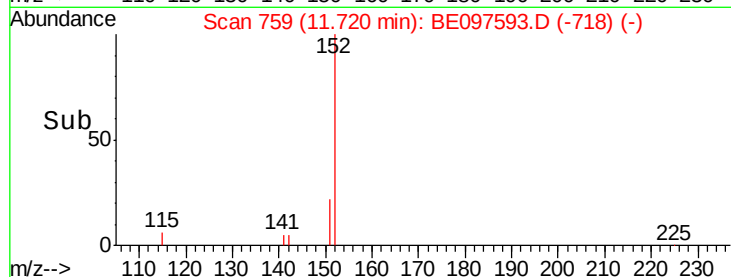
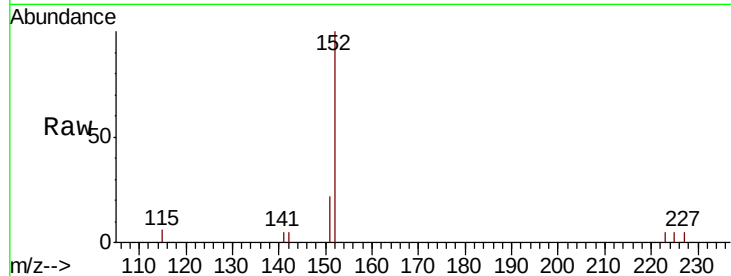




#11
 2-Methylnaphthalene-d10
 Concen: 0.471 ng
 RT: 11.72 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: BE097593.D
 Acq: 21 Sep 2018 3:42

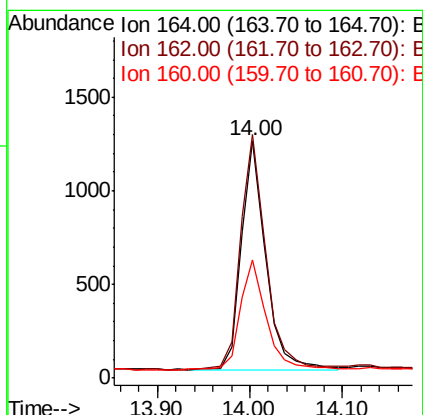
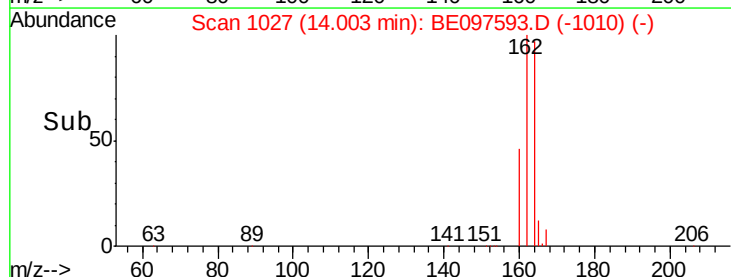
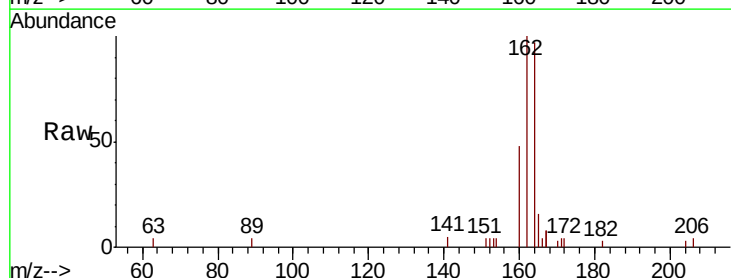
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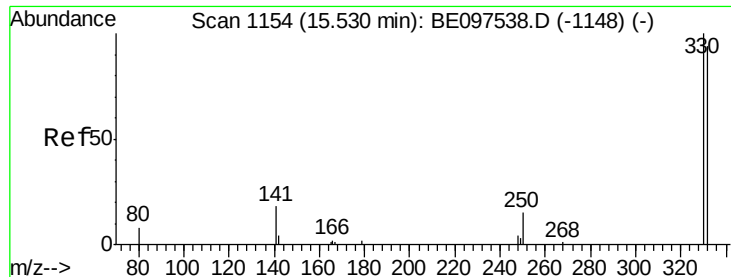
Tgt Ion:152 Resp: 2372
 Ion Ratio Lower Upper
 152 100
 151 17.9 15.4 23.0



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.00 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BE097593.D
 Acq: 21 Sep 2018 3:42

Tgt Ion:164 Resp: 2221
 Ion Ratio Lower Upper
 164 100
 162 102.6 83.1 124.7
 160 49.6 37.1 55.7

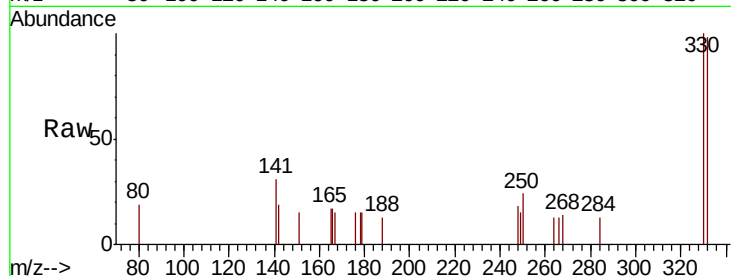




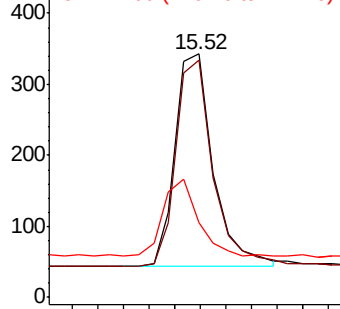
#14
 2,4,6-Tribromophenol
 Concen: 0.656 ng
 RT: 15.52 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: BE097593.D
 Acq: 21 Sep 2018 3:42

Instrument :
 BNA_E
 ClientSampleId :
 SA-PZ122D-20180914

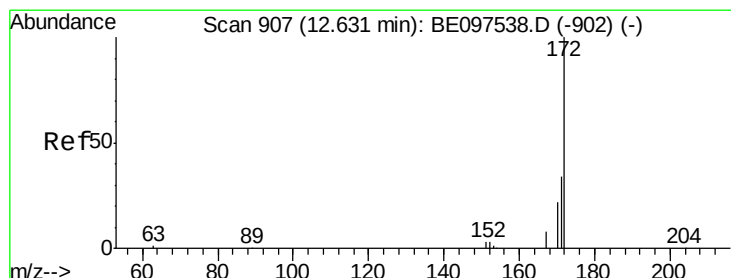
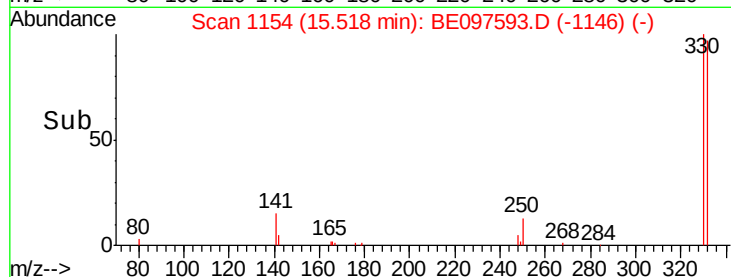
Tgt Ion: 330 Resp: 617
 Ion Ratio Lower Upper
 330 100
 332 95.1 152.7 229.1#
 141 33.9 33.7 50.5



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

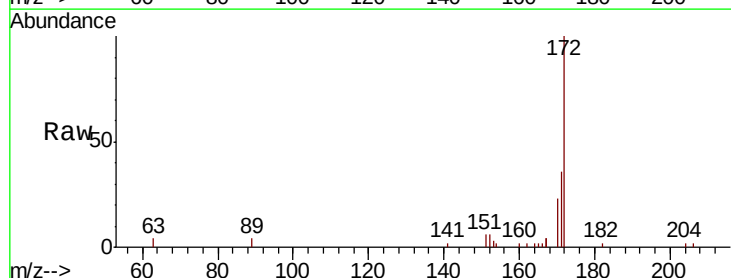


Time-->

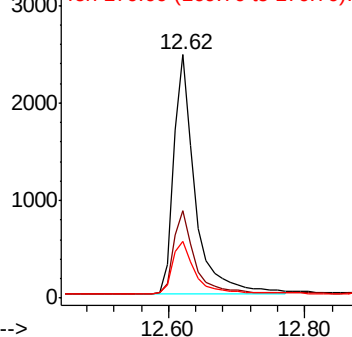


#15
 2-Fluorobiphenyl
 Concen: 0.687 ng
 RT: 12.62 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: BE097593.D
 Acq: 21 Sep 2018 3:42

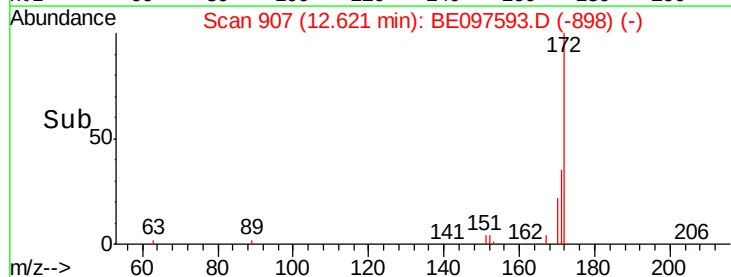
Tgt Ion: 172 Resp: 5388
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.9 44.9
 170 23.5 21.8 32.8

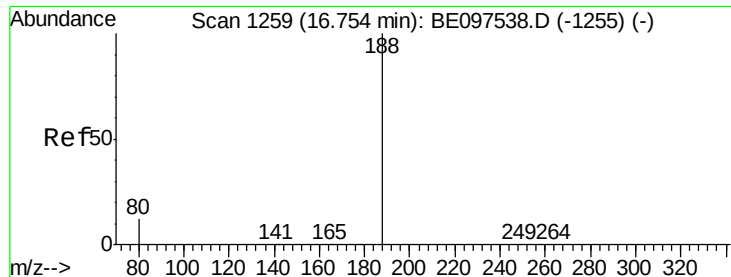


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



Time-->





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.75 min Scan# 1260

Delta R.T. -0.00 min

Lab File: BE097593.D

Acq: 21 Sep 2018 3:42

Instrument :

BNA_E

ClientSampleId :

SA-PZ122D-20180914

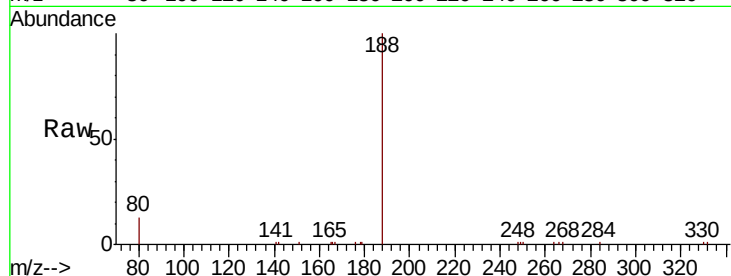
Tgt Ion:188 Resp: 6922

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

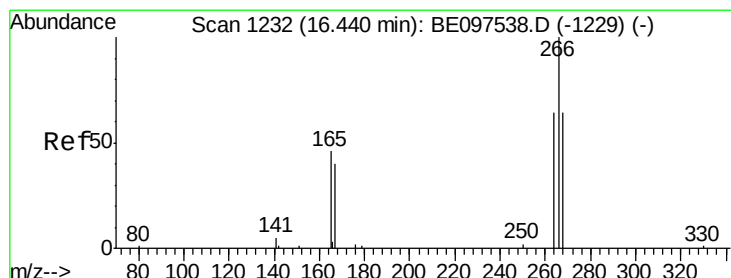
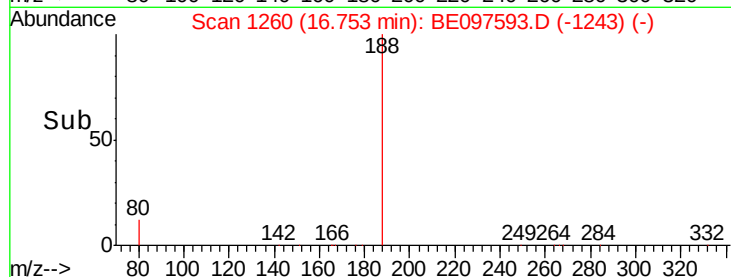
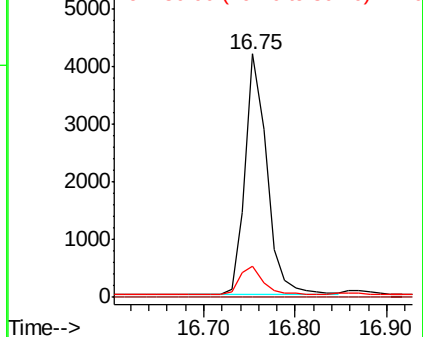
80 12.9 3.6 5.4#



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: 0.141 ng

RT: 16.44 min Scan# 1233

Delta R.T. -0.00 min

Lab File: BE097593.D

Acq: 21 Sep 2018 3:42

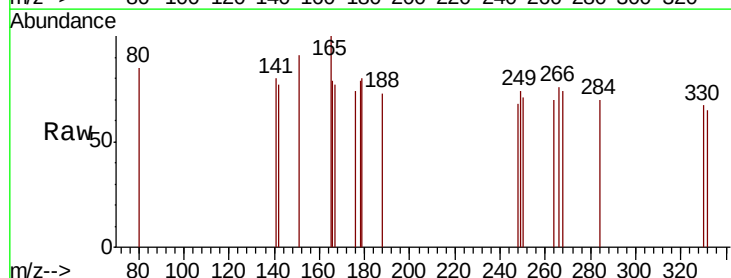
Tgt Ion:266 Resp: 17

Ion Ratio Lower Upper

266 100

264 92.0 72.5 108.7

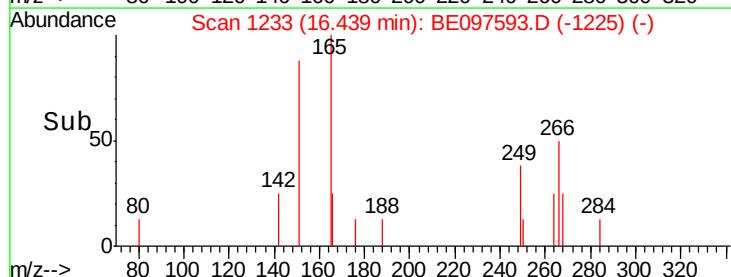
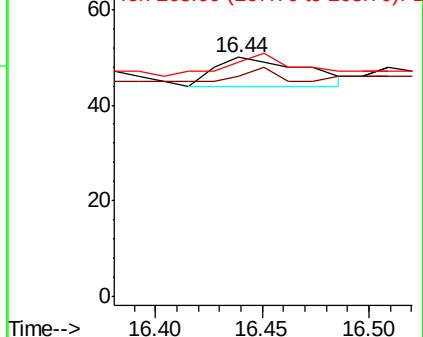
268 98.0 73.8 110.6

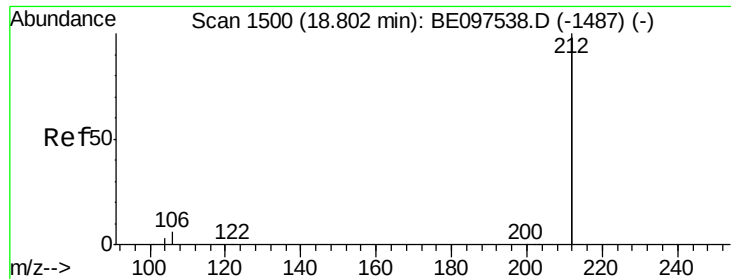


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.489 ng

RT: 18.80 min Scan# 1501

Delta R.T. -0.00 min

Lab File: BE097593.D

Acq: 21 Sep 2018 3:42

Instrument :

BNA_E

ClientSampleId :

SA-PZ122D-20180914

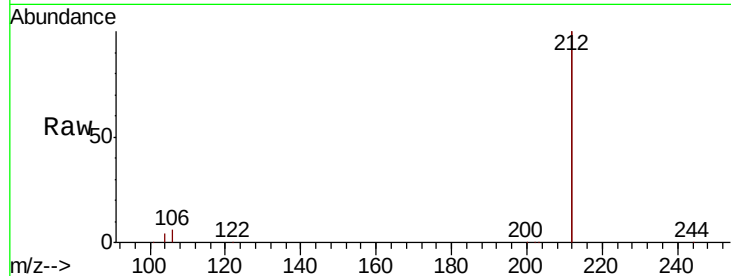
Tgt Ion:212 Resp: 43298

Ion Ratio Lower Upper

212 100

106 3.1 2.8 4.2

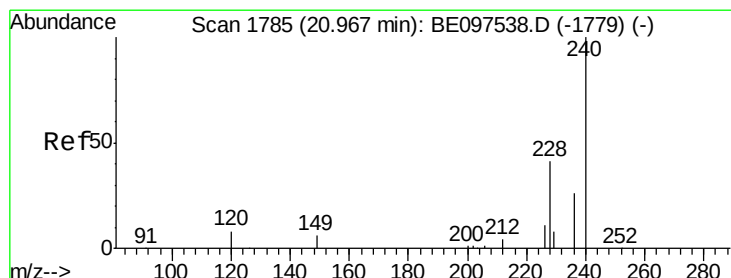
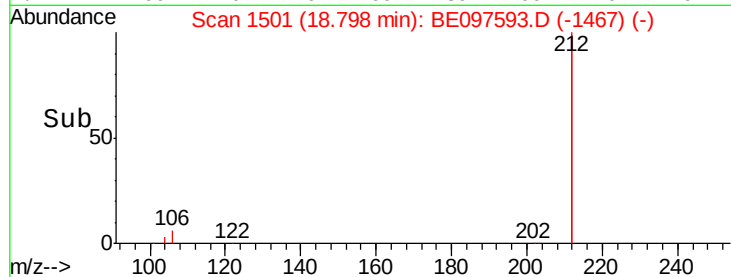
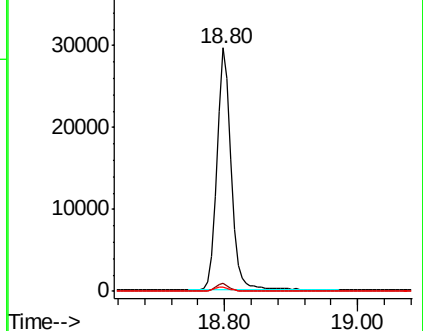
104 1.7 1.6 2.4



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#27

Chrysene-d12

Concen: 0.400 ng

RT: 20.97 min Scan# 1787

Delta R.T. -0.00 min

Lab File: BE097593.D

Acq: 21 Sep 2018 3:42

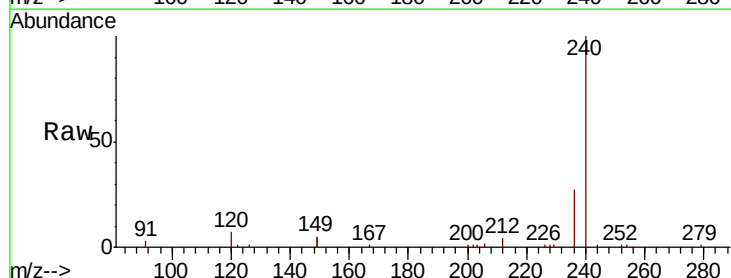
Tgt Ion:240 Resp: 9619

Ion Ratio Lower Upper

240 100

120 7.0 5.5 8.3

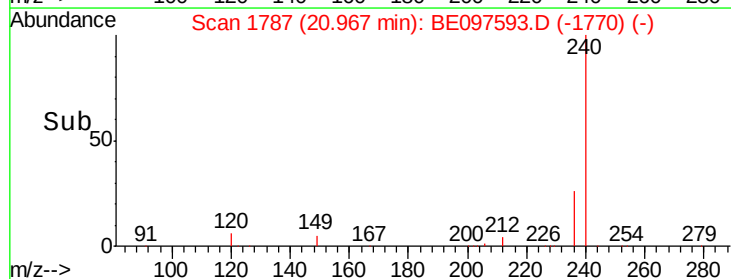
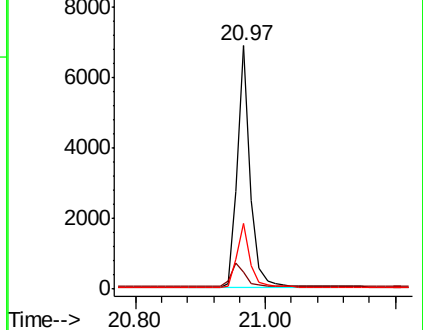
236 26.8 20.7 31.1

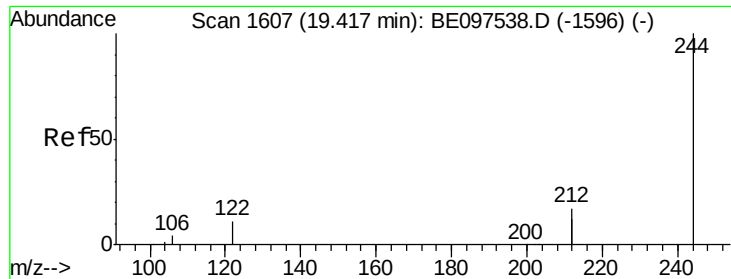


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.565 ng

RT: 19.41 min Scan# 1608

Delta R.T. -0.00 min

Lab File: BE097593.D

Acq: 21 Sep 2018 3:42

Instrument :

BNA_E

ClientSampleId :

SA-PZ122D-20180914

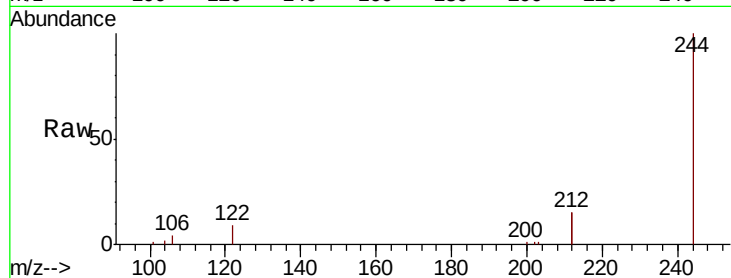
Tgt Ion:244 Resp: 9942

Ion Ratio Lower Upper

244 100

212 30.7 25.4 38.0

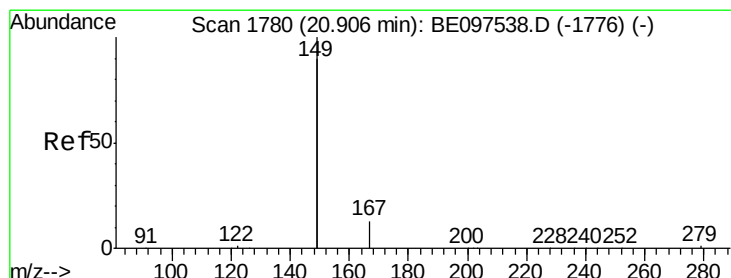
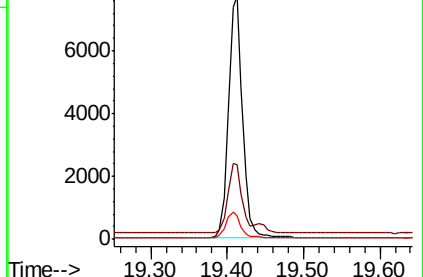
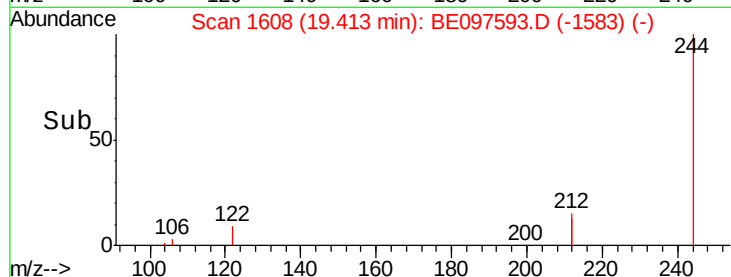
122 9.4 8.1 12.1



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: 0.036 ng

RT: 20.89 min Scan# 1781

Delta R.T. -0.01 min

Lab File: BE097593.D

Acq: 21 Sep 2018 3:42

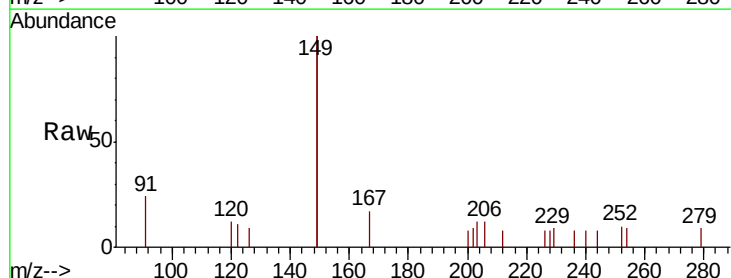
Tgt Ion:149 Resp: 1050

Ion Ratio Lower Upper

149 100

167 6.5 5.4 8.0

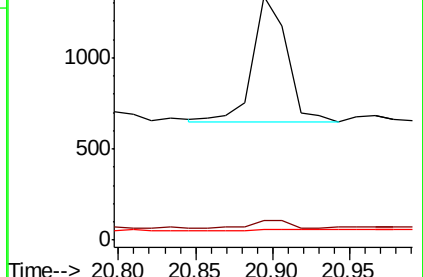
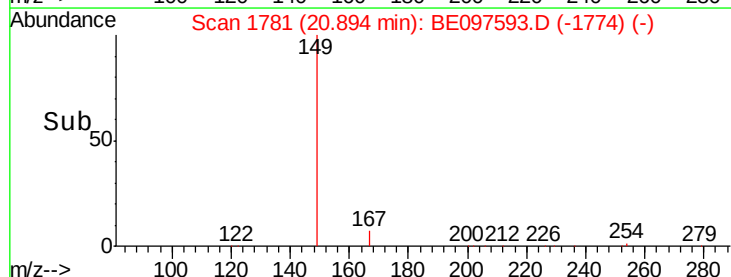
279 1.9 0.7 1.1#

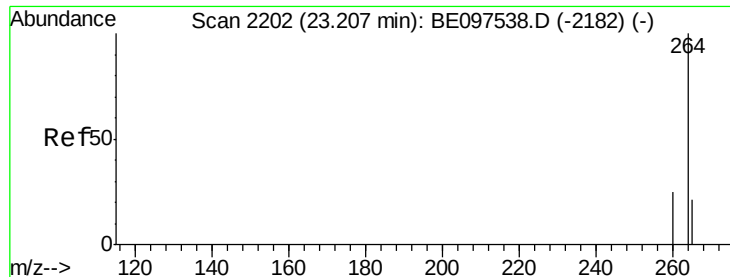


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



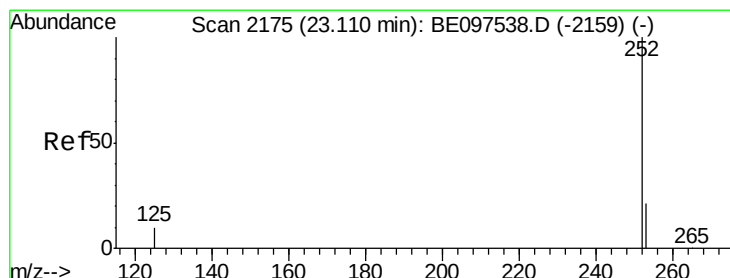
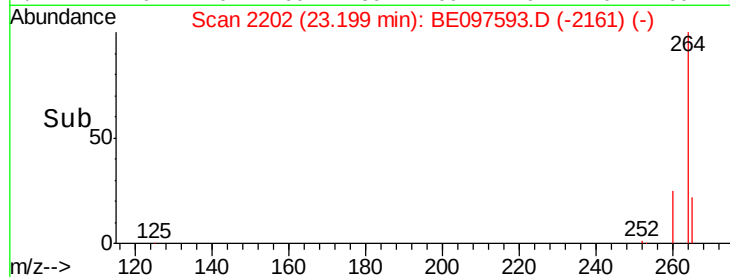
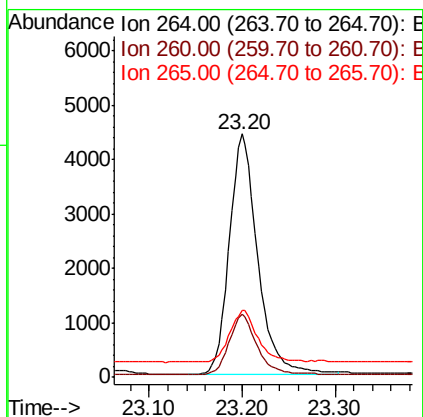
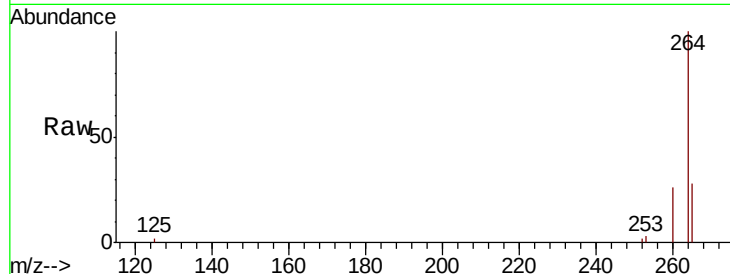


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.20 min Scan# 2202
Delta R.T. -0.00 min
Lab File: BE097593.D
Acq: 21 Sep 2018 3:42

Instrument :
BNA_E
ClientSampleId :
SA-PZ122D-20180914

Tgt Ion: 264 Resp: 9395

Ion	Ratio	Lower	Upper
264	100		
260	25.7	20.5	30.7
265	27.7	22.8	34.2



#37
Benzo(a)pyrene
Concen: 0.021 ng
RT: 23.10 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BE097593.D
Acq: 21 Sep 2018 3:42

Tgt Ion: 252 Resp: 1

Ion	Ratio	Lower	Upper
252	100		
253	130.2	16.0	24.0#
125	120.9	12.0	18.0#

