

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE092018\
 Data File : BE097579.D
 Acq On : 20 Sep 2018 18:24
 Operator : SJ/JU
 Sample : J4913-15
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW306D-20180913

Quant Time: Sep 21 06:00:22 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	686	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	3156	0.40	ng	0.01
13) Acenaphthene-d10	14.01	164	2004	0.40	ng	0.01
19) Phenanthrene-d10	16.76	188	6211	0.40	ng	0.00
27) Chrysene-d12	20.97	240	7900	0.40	ng	0.00
34) Perylene-d12	23.21	264	7838	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.07	112	16	0.01	ng	0.01
5) Phenol-d6	6.62	99	3	0.00	ng	0.01
8) Nitrobenzene-d5	8.56	82	890	0.37	ng	0.02
11) 2-Methylnaphthalene-d10	11.74	152	1981	0.46	ng	0.02
14) 2,4,6-Tribromophenol	15.55	330	51	0.15	ng	0.03
15) 2-Fluorobiphenyl	12.64	172	4149	0.59	ng	0.02
25) Fluoranthene-d10	18.80	212	36533	0.46	ng	0.00
29) Terphenyl-d14	19.42	244	8034	0.56	ng	0.00

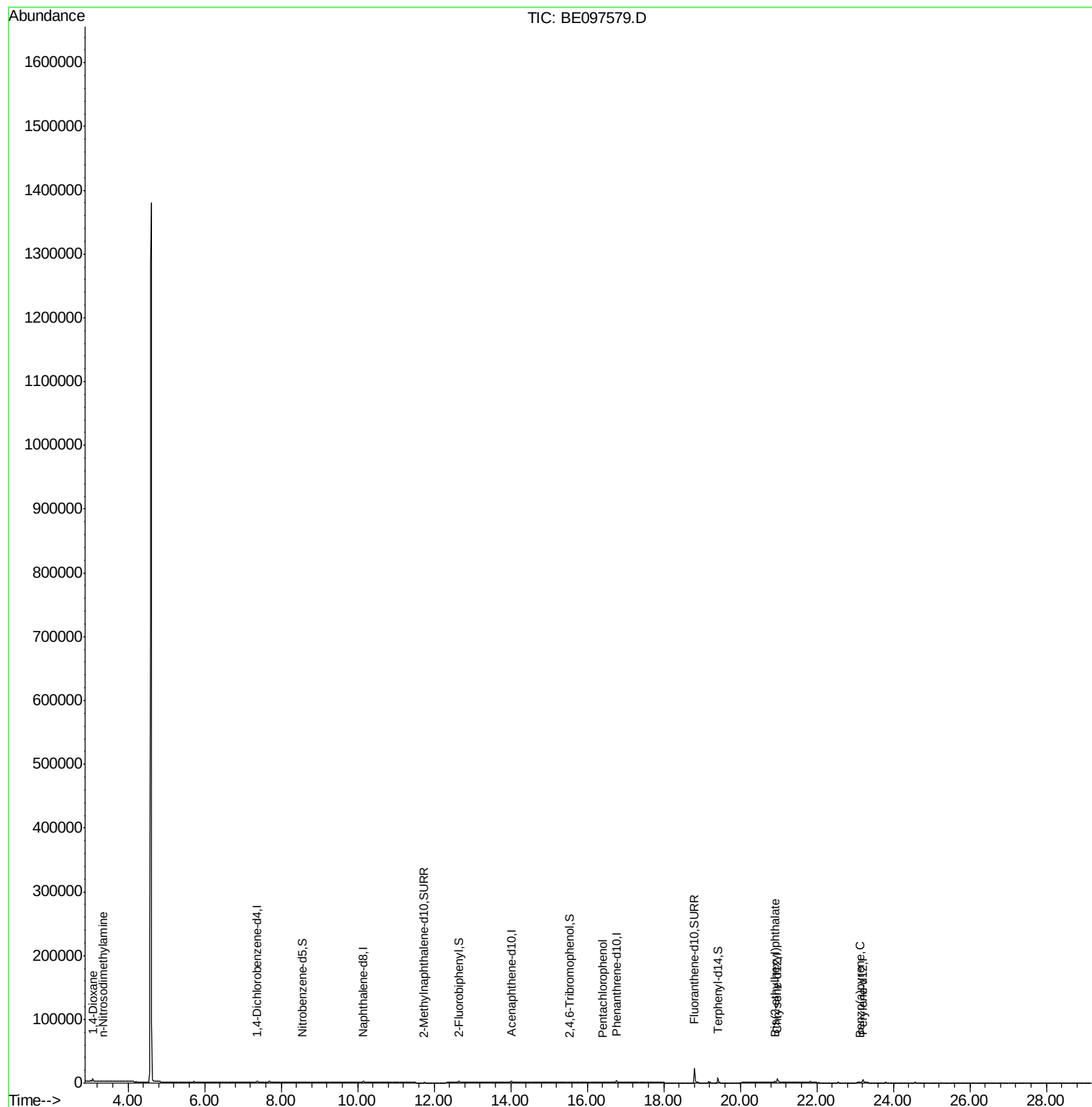
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.07	88	2030	1.888	ng	# 94
3) n-Nitrosodimethylamine	3.35	42	22	0.038	ng	# 1
22) Pentachlorophenol	16.41	266	2	0.131	ng	# 94
32) Bis(2-ethylhexyl)phthalate	20.91	149	1237	0.047	ng	# 98
37) Benzo(a)pyrene	23.12	252	123	0.026	ng	# 1

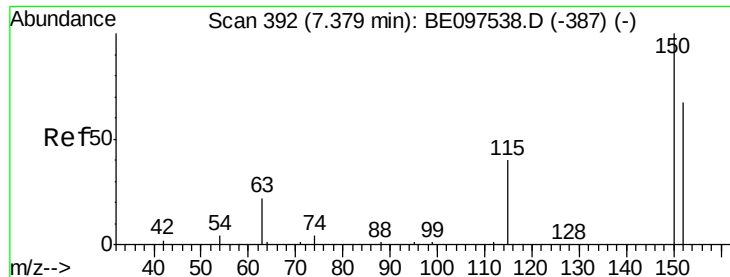
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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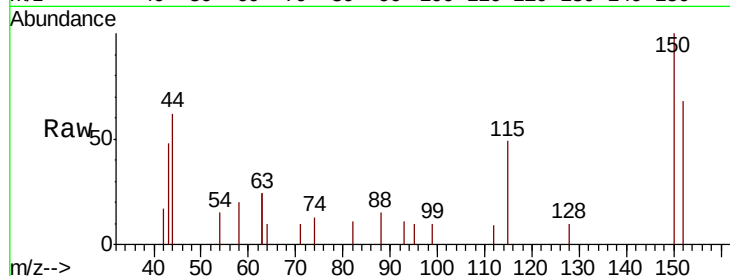


#1

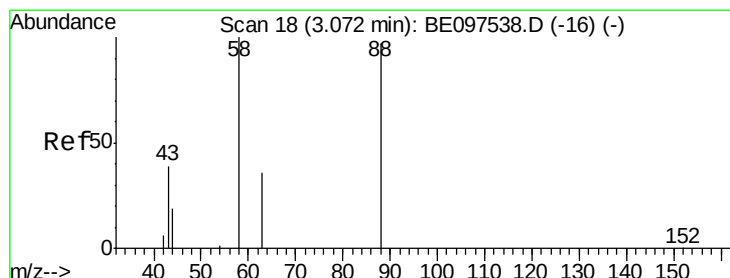
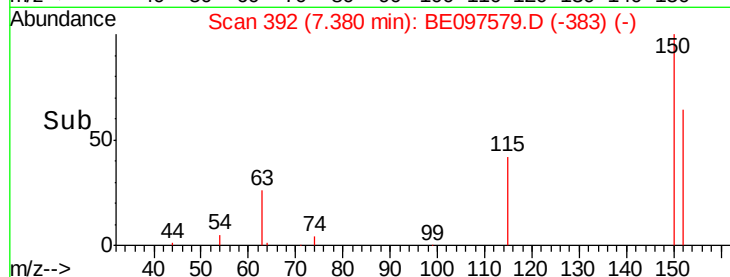
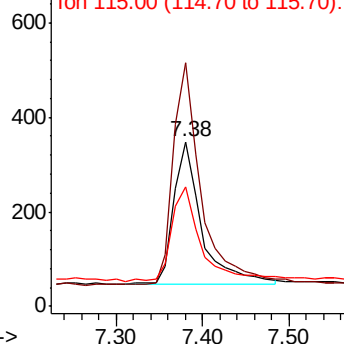
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. 0.00 min
Lab File: BE097579.D
Acq: 20 Sep 2018 18:24

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW306D-20180913

Tgt Ion:152 Resp: 686
Ion Ratio Lower Upper
152 100
150 148.0 117.2 175.8
115 73.0 57.0 85.6



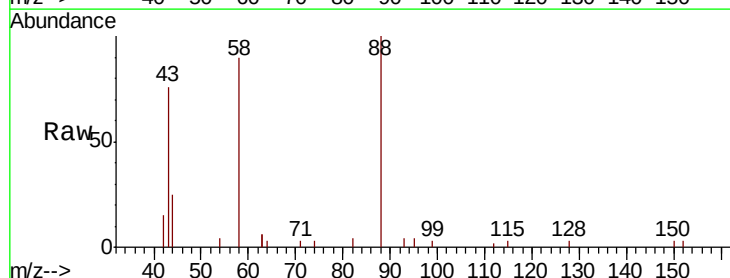
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



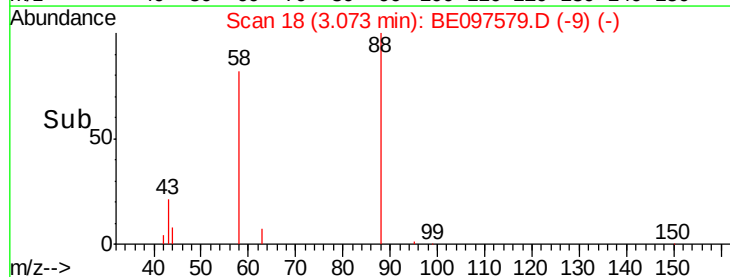
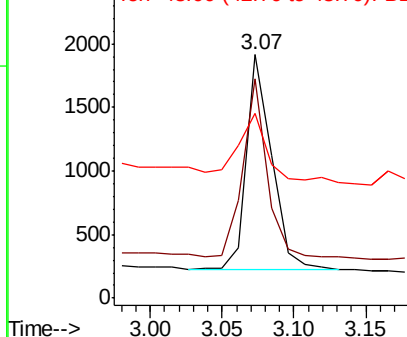
#2

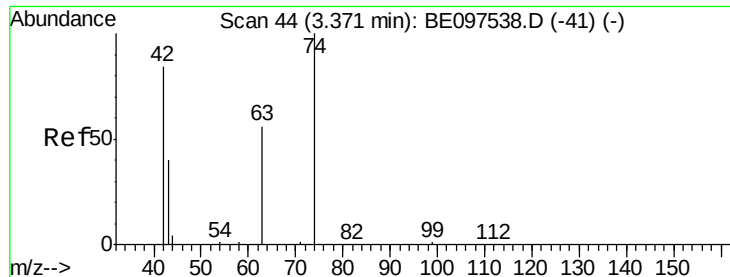
1,4-Dioxane
Concen: 1.888 ng
RT: 3.07 min Scan# 18
Delta R.T. 0.00 min
Lab File: BE097579.D
Acq: 20 Sep 2018 18:24

Tgt Ion: 88 Resp: 2030
Ion Ratio Lower Upper
88 100
58 79.3 63.2 94.8
43 40.5 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: 0.038 ng

RT: 3.35 min Scan# 42

Delta R.T. -0.02 min

Lab File: BE097579.D

Acq: 20 Sep 2018 18:24

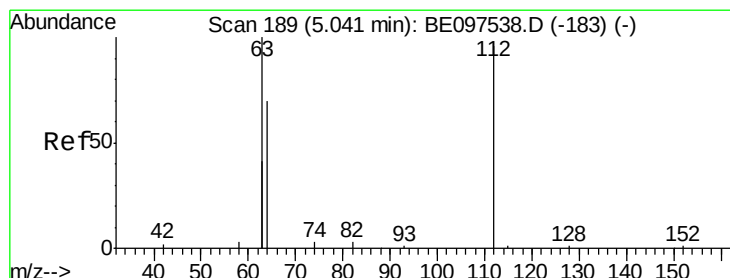
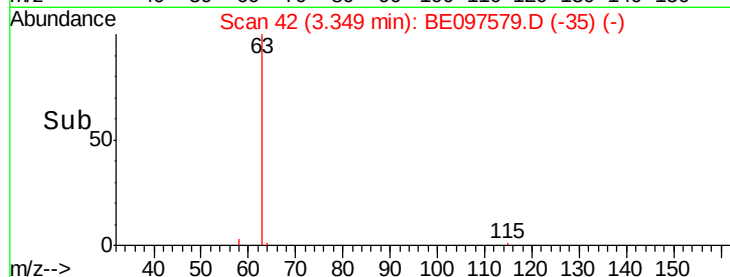
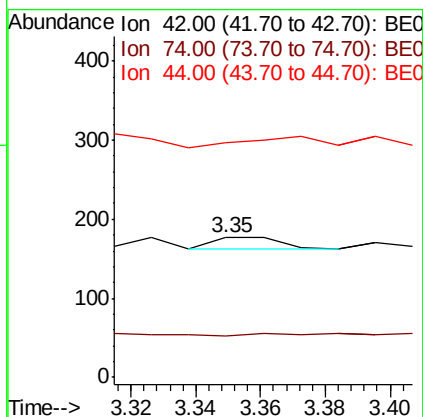
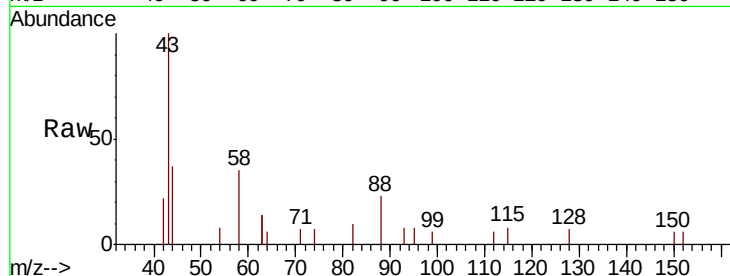
Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW306D-20180913

Tgt Ion:	42	Resp:	22
Ion	Ratio	Lower	Upper
42	100		
74	0.0	96.0	144.0#
44	0.0	12.0	18.0#



#4

2-Fluorophenol

Concen: 0.008 ng

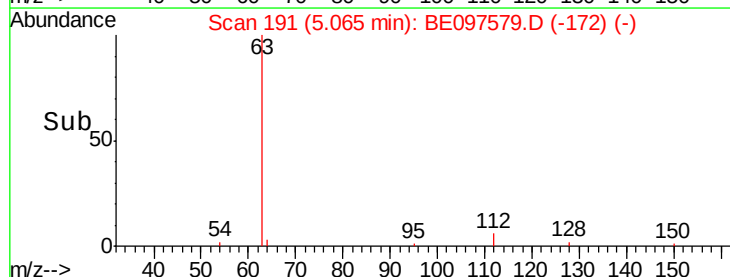
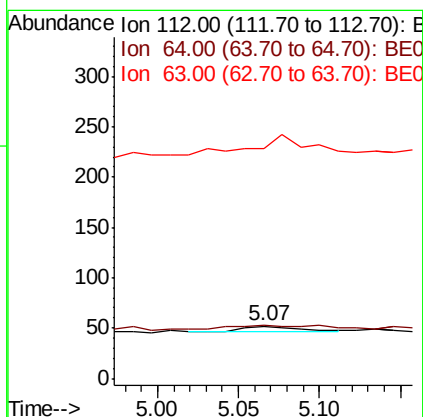
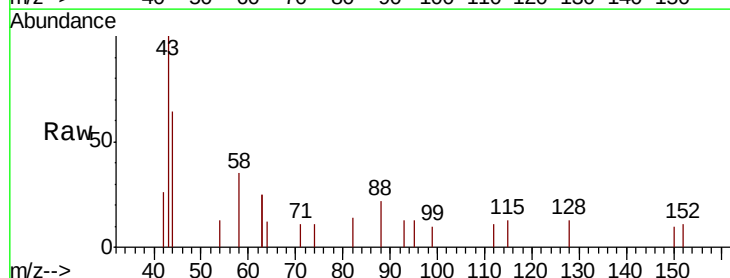
RT: 5.07 min Scan# 191

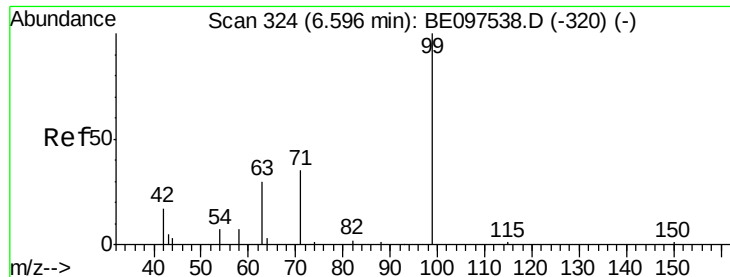
Delta R.T. 0.01 min

Lab File: BE097579.D

Acq: 20 Sep 2018 18:24

Tgt Ion:	112	Resp:	16
Ion	Ratio	Lower	Upper
112	100		
64	50.0	60.1	90.1#
63	325.0	116.8	175.2#





#5

Phenol-d6

Concen: 0.001 ng

RT: 6.62 min Scan# 326

Delta R.T. 0.01 min

Lab File: BE097579.D

Acq: 20 Sep 2018 18:24

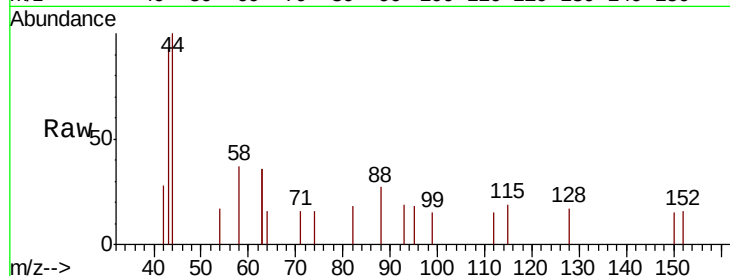
Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW306D-20180913

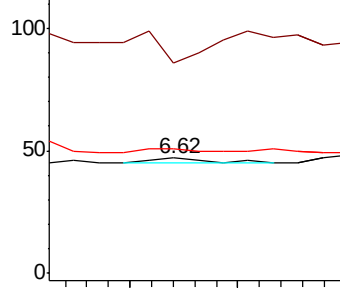
Tgt Ion:	99	Resp:	3
Ion	Ratio	Lower	Upper
99	100		
42	0.0	20.2	30.2#
71	133.3	28.4	42.6#



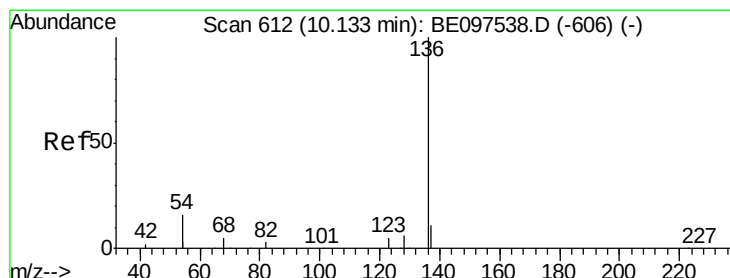
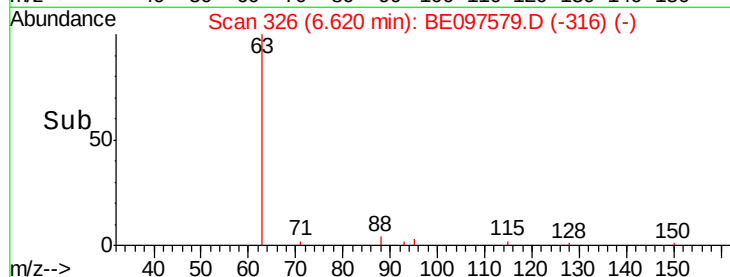
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

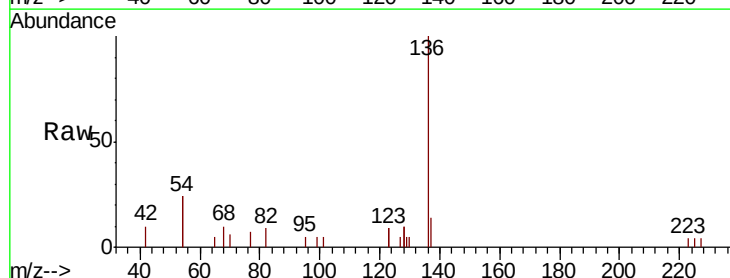
RT: 10.15 min Scan# 613

Delta R.T. 0.01 min

Lab File: BE097579.D

Acq: 20 Sep 2018 18:24

Tgt Ion:	136	Resp:	3156
Ion	Ratio	Lower	Upper
136	100		
137	14.3	9.5	14.3#
54	48.7	29.1	43.7#
68	10.2	6.2	9.2#

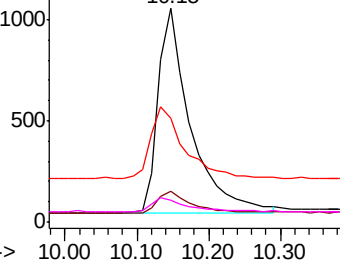


Abundance Ion 136.00 (135.70 to 136.70): E

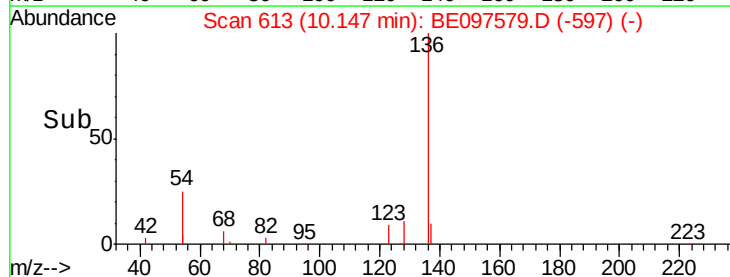
Ion 137.00 (136.70 to 137.70): E

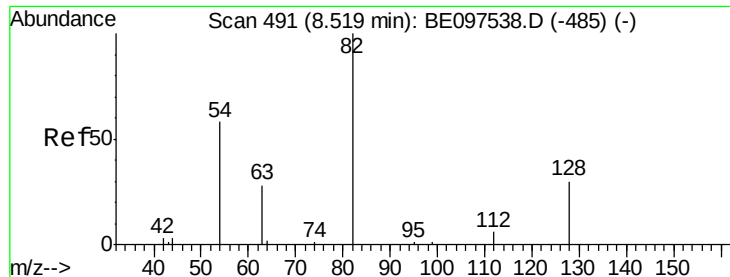
Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->





#8

Nitrobenzene-d5

Concen: 0.365 ng

RT: 8.56 min Scan# 494

Delta R.T. 0.02 min

Lab File: BE097579.D

Acq: 20 Sep 2018 18:24

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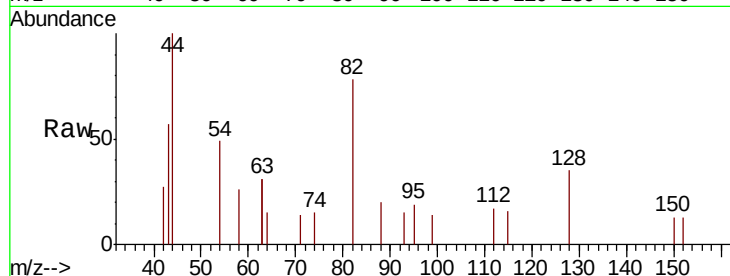
Tgt Ion: 82 Resp: 890

Ion Ratio Lower Upper

82 100

128 44.6 24.0 36.0#

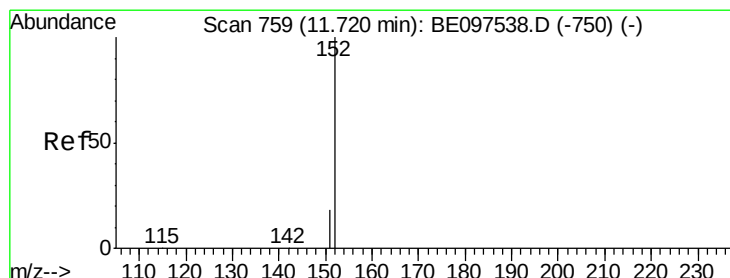
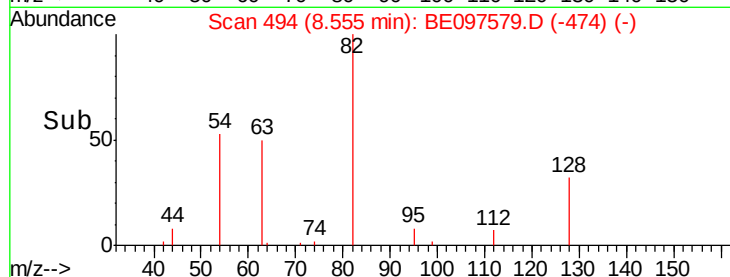
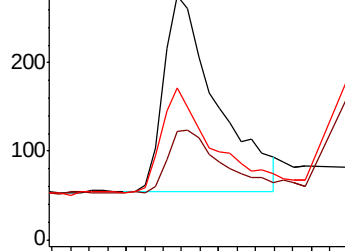
54 62.3 40.0 60.0#



Abundance Ion 82.00 (81.70 to 82.70): BE097538.D (-485) (-)

Ion 128.00 (127.70 to 128.70): BE097538.D (-485) (-)

Ion 54.00 (53.70 to 54.70): BE097538.D (-485) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.455 ng

RT: 11.74 min Scan# 763

Delta R.T. 0.02 min

Lab File: BE097579.D

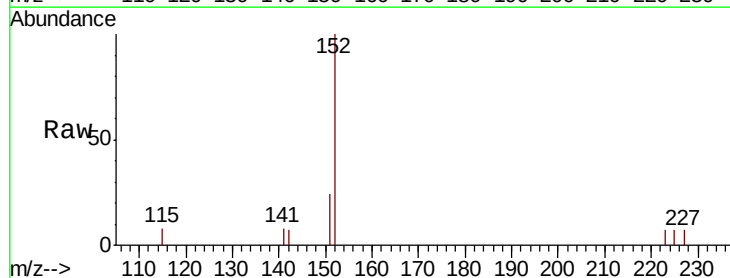
Acq: 20 Sep 2018 18:24

Tgt Ion: 152 Resp: 1981

Ion Ratio Lower Upper

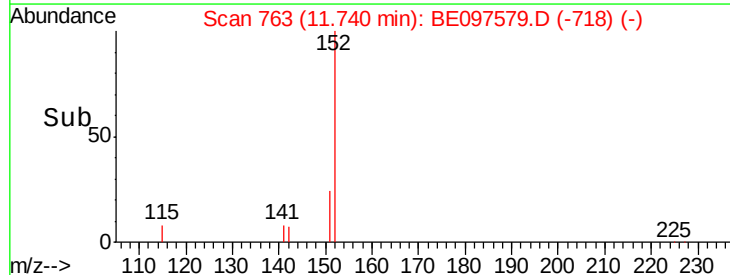
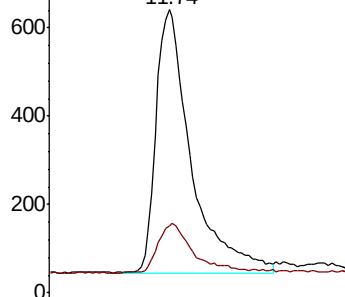
152 100

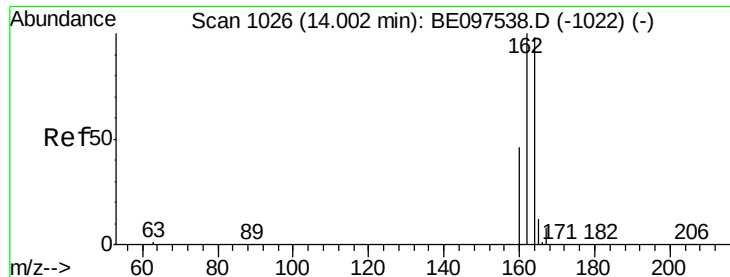
151 19.1 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): BE097538.D (-750) (-)

Ion 151.00 (150.70 to 151.70): BE097538.D (-750) (-)

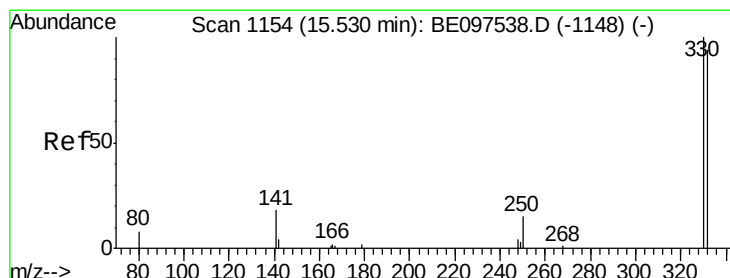
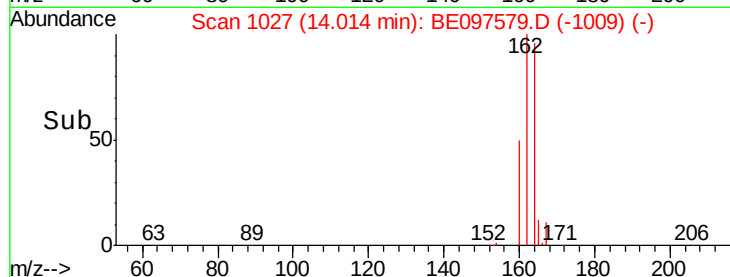
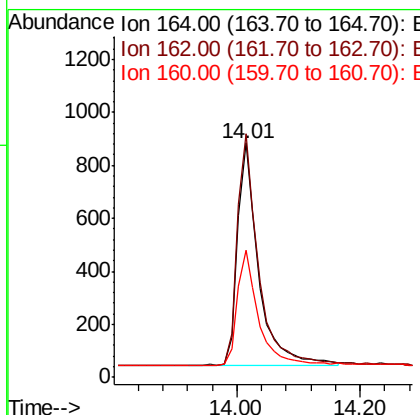
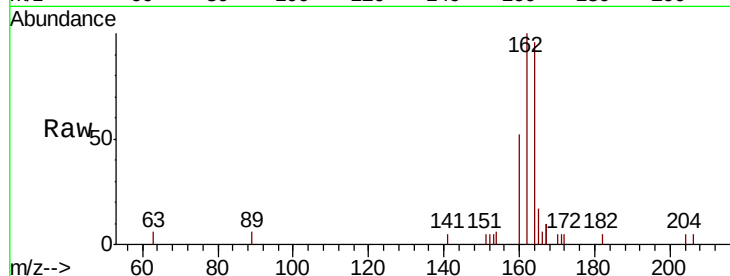




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.01 min Scan# 1027
 Delta R.T. 0.01 min
 Lab File: BE097579.D
 Acq: 20 Sep 2018 18:24

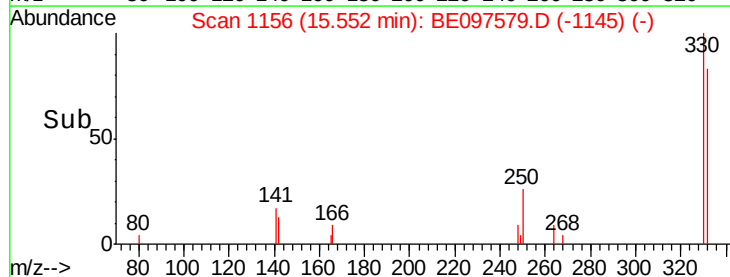
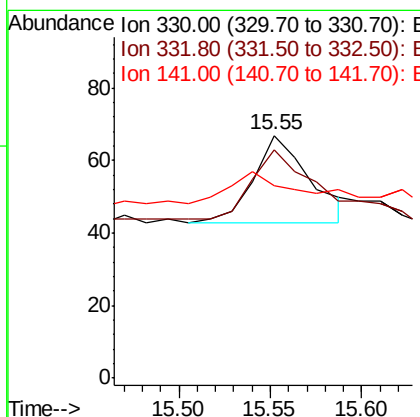
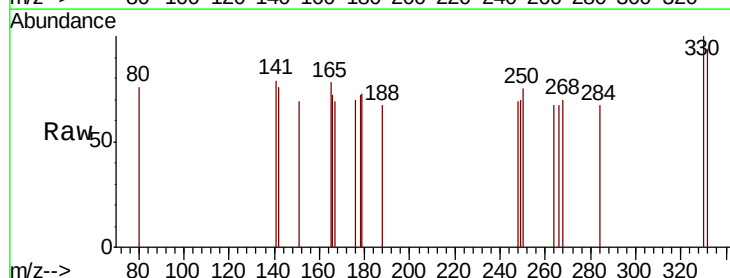
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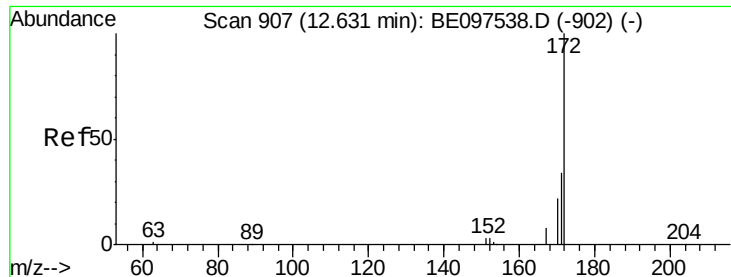
Tgt Ion:164 Resp: 2004
 Ion Ratio Lower Upper
 164 100
 162 104.0 83.1 124.7
 160 54.3 37.1 55.7



#14
 2,4,6-Tribromophenol
 Concen: 0.153 ng
 RT: 15.55 min Scan# 1156
 Delta R.T. 0.03 min
 Lab File: BE097579.D
 Acq: 20 Sep 2018 18:24

Tgt Ion:330 Resp: 51
 Ion Ratio Lower Upper
 330 100
 332 82.4 152.7 229.1#
 141 39.2 33.7 50.5

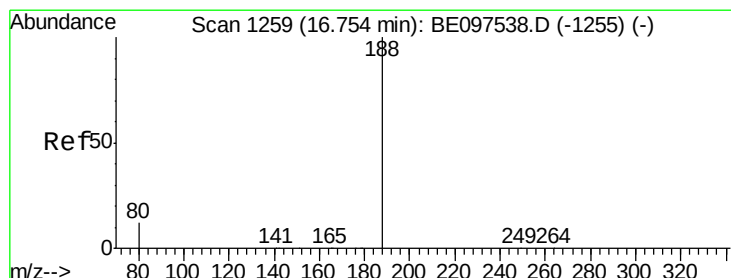
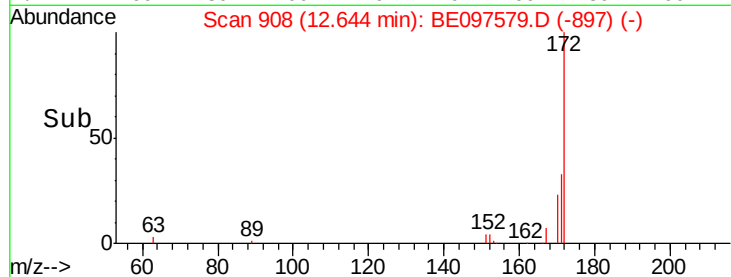
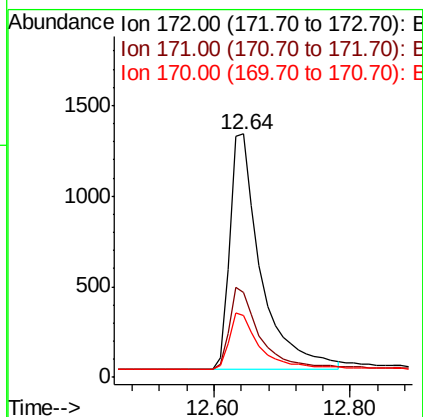
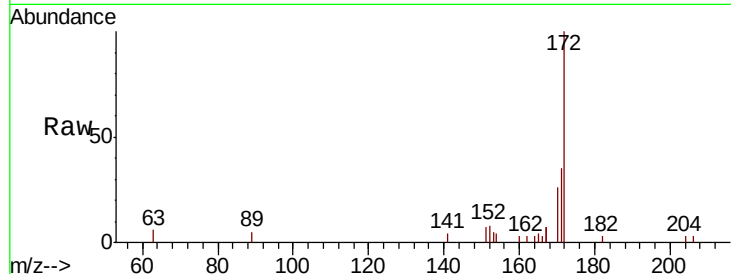




#15
2-Fluorobiphenyl
Concen: 0.586 ng
RT: 12.64 min Scan# 908
Delta R.T. 0.02 min
Lab File: BE097579.D
Acq: 20 Sep 2018 18:24

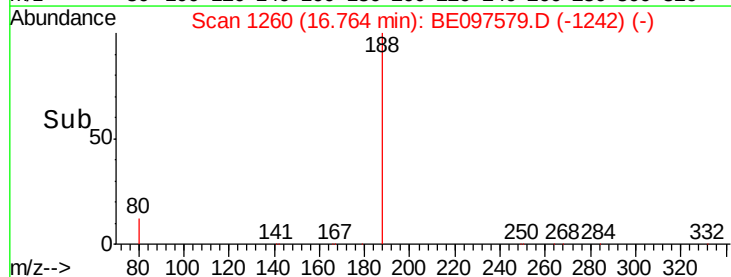
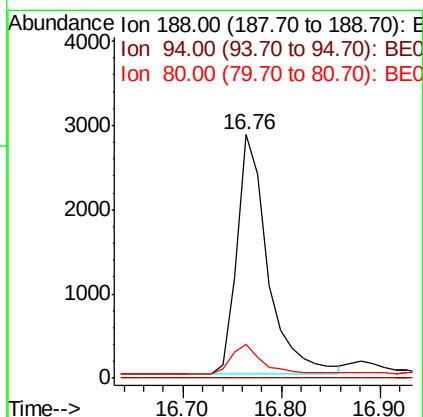
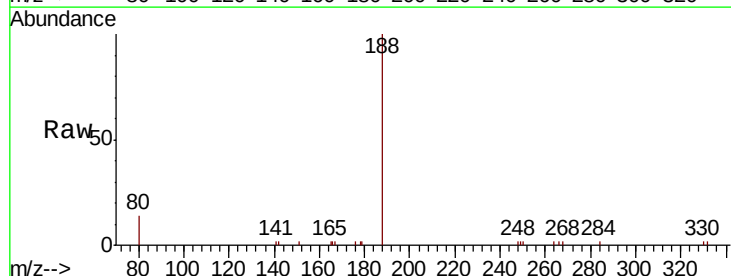
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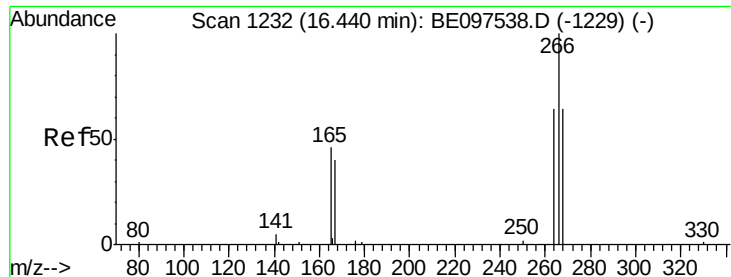
Tgt Ion:172 Resp: 4149
Ion Ratio Lower Upper
172 100
171 35.0 29.9 44.9
170 25.6 21.8 32.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.76 min Scan# 1260
Delta R.T. 0.01 min
Lab File: BE097579.D
Acq: 20 Sep 2018 18:24

Tgt Ion:188 Resp: 6211
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 14.1 3.6 5.4#

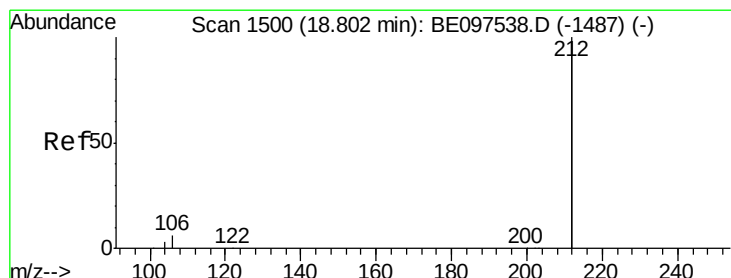
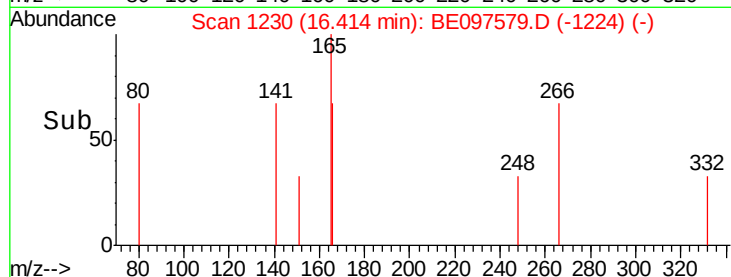
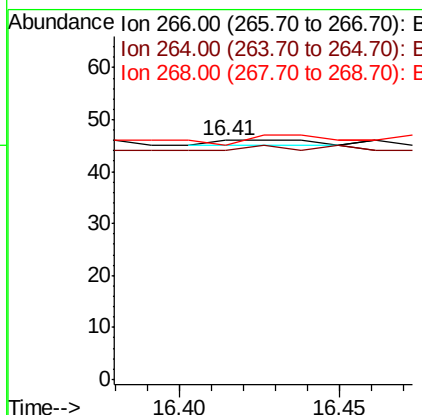
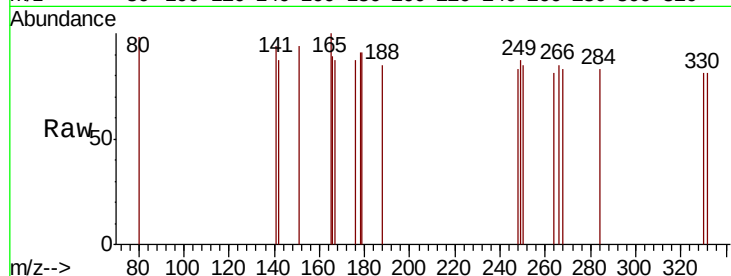




#22
 Pentachlorophenol
 Concen: 0.131 ng
 RT: 16.41 min Scan# 1230
 Delta R.T. -0.03 min
 Lab File: BE097579.D
 Acq: 20 Sep 2018 18:24

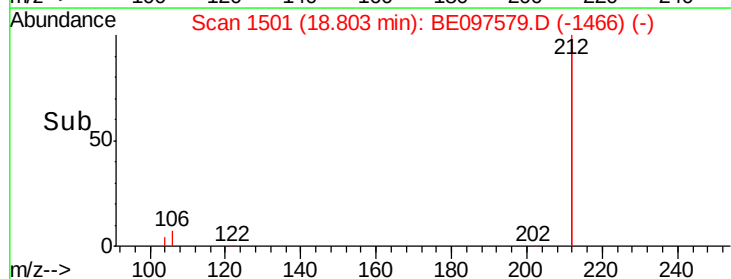
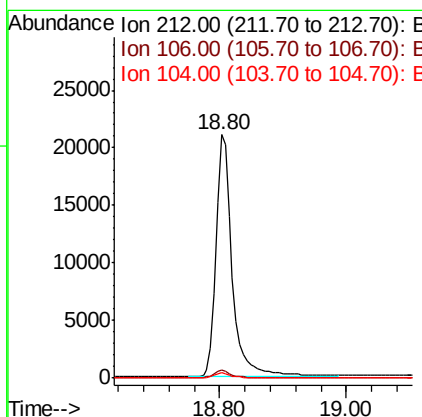
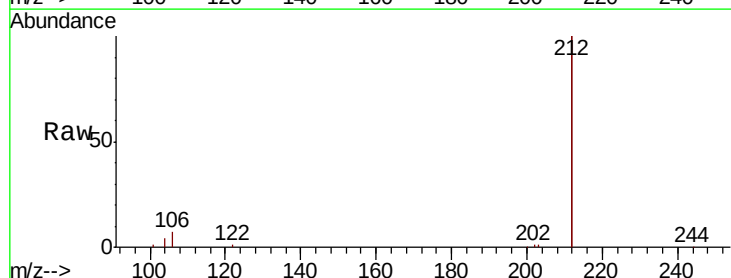
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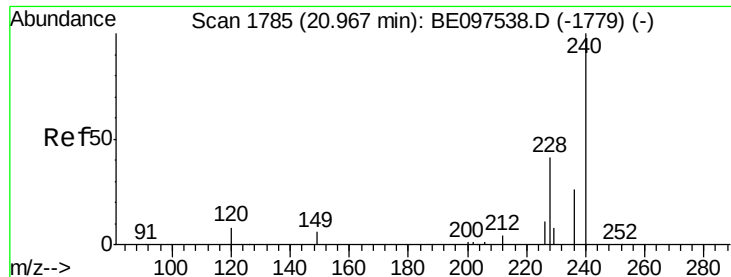
Tgt Ion: 266 Resp: 2
 Ion Ratio Lower Upper
 266 100
 264 95.7 72.5 108.7
 268 97.8 73.8 110.6



#25
 Fluoranthene-d10
 Concen: 0.459 ng
 RT: 18.80 min Scan# 1501
 Delta R.T. -0.00 min
 Lab File: BE097579.D
 Acq: 20 Sep 2018 18:24

Tgt Ion: 212 Resp: 36533
 Ion Ratio Lower Upper
 212 100
 106 3.2 2.8 4.2
 104 1.7 1.6 2.4

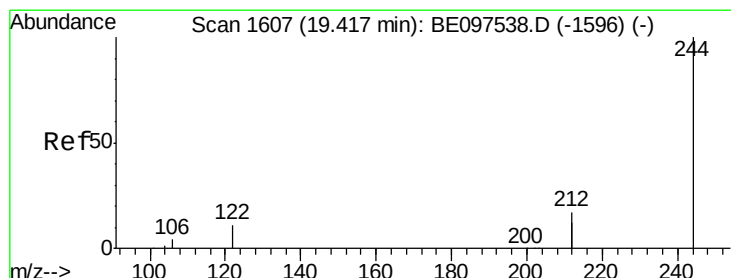
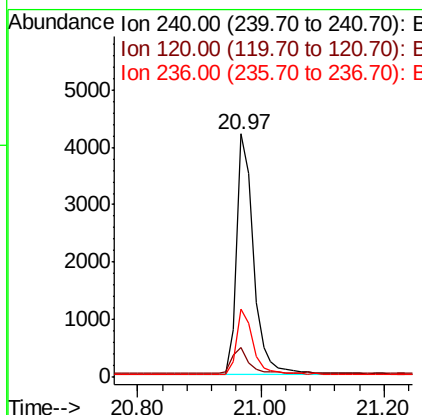
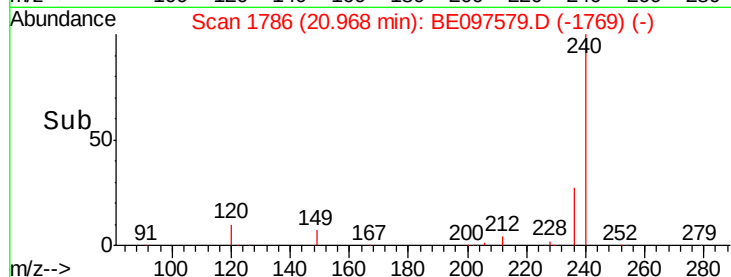
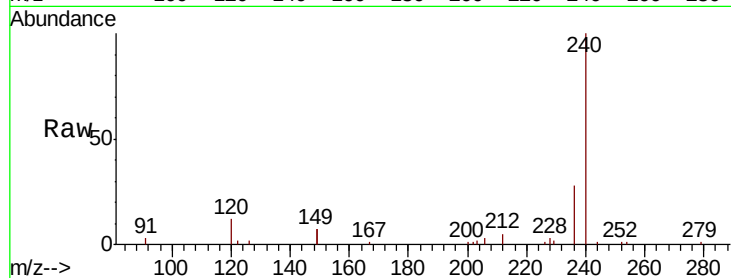




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 20.97 min Scan# 1786
 Delta R.T. 0.00 min
 Lab File: BE097579.D
 Acq: 20 Sep 2018 18:24

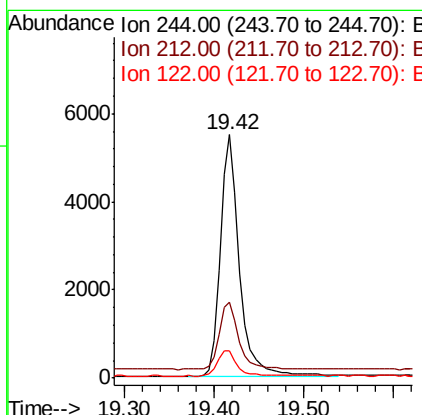
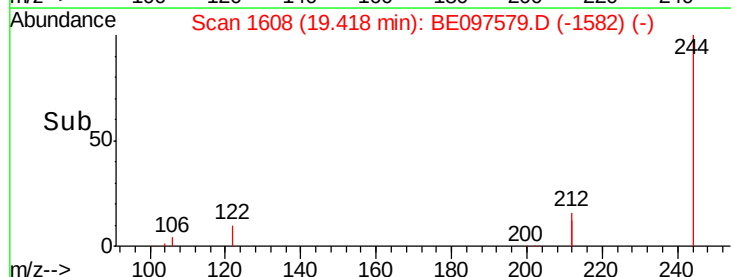
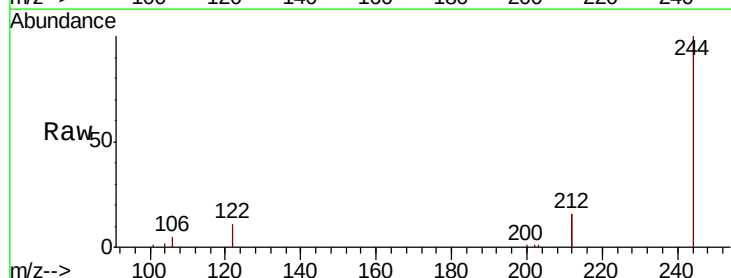
Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW306D-20180913

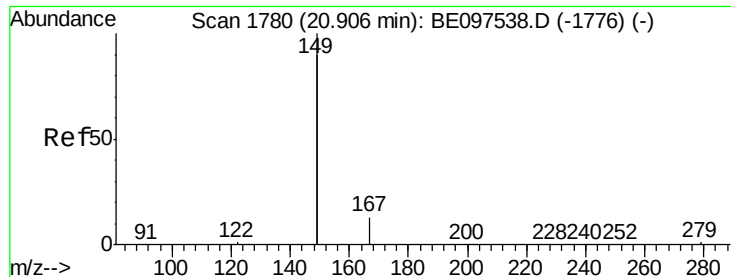
Tgt Ion:240 Resp: 7900
 Ion Ratio Lower Upper
 240 100
 120 12.1 5.5 8.3#
 236 27.8 20.7 31.1



#29
 Terphenyl-d14
 Concen: 0.556 ng
 RT: 19.42 min Scan# 1608
 Delta R.T. -0.00 min
 Lab File: BE097579.D
 Acq: 20 Sep 2018 18:24

Tgt Ion:244 Resp: 8034
 Ion Ratio Lower Upper
 244 100
 212 31.3 25.4 38.0
 122 11.0 8.1 12.1

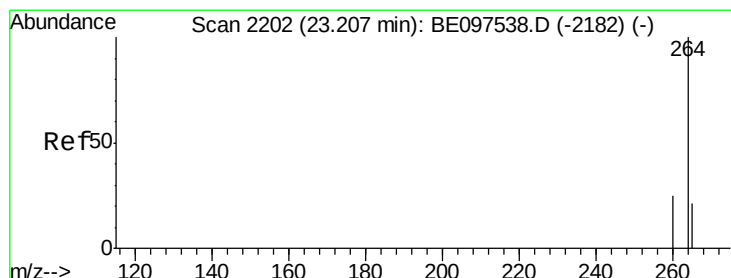
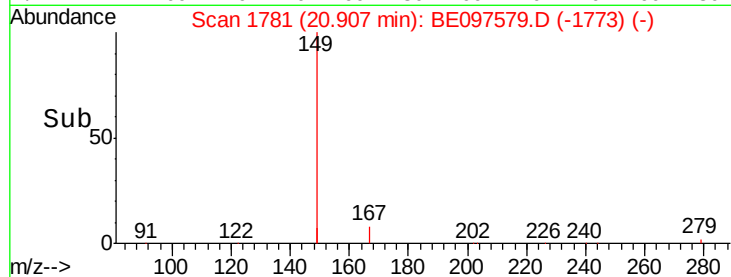
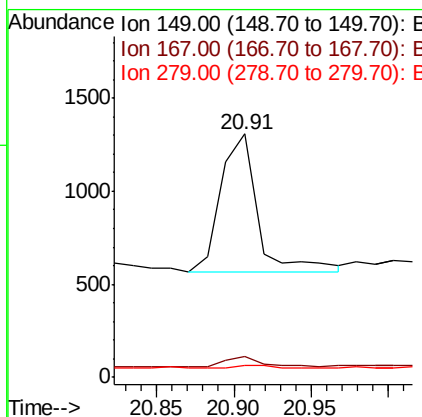
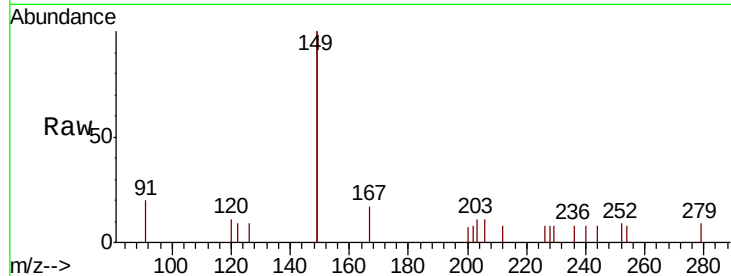




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.047 ng
 RT: 20.91 min Scan# 1781
 Delta R.T. 0.00 min
 Lab File: BE097579.D
 Acq: 20 Sep 2018 18:24

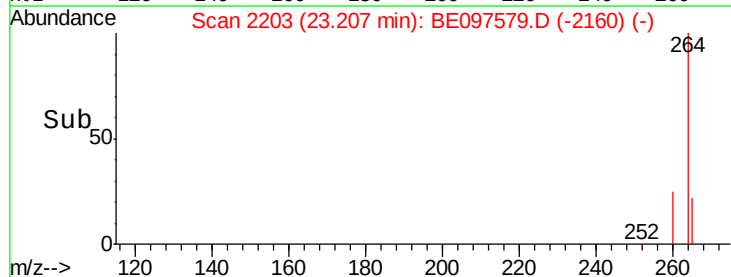
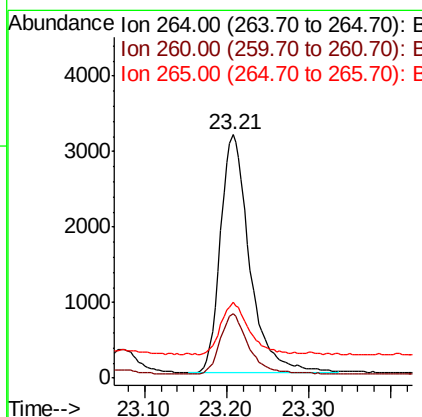
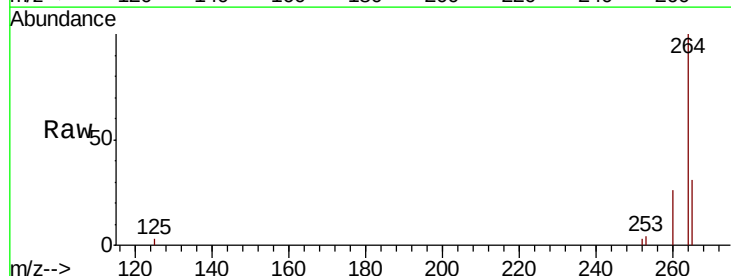
Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW306D-20180913

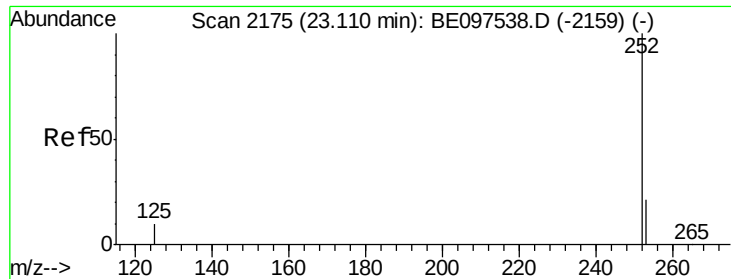
Tgt Ion: 149 Resp: 1237
 Ion Ratio Lower Upper
 149 100
 167 7.2 5.4 8.0
 279 2.3 0.7 1.1#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.21 min Scan# 2203
 Delta R.T. 0.00 min
 Lab File: BE097579.D
 Acq: 20 Sep 2018 18:24

Tgt Ion: 264 Resp: 7838
 Ion Ratio Lower Upper
 264 100
 260 26.3 20.5 30.7
 265 31.0 22.8 34.2





#37

Benzo(a)pyrene

Concen: 0.026 ng

RT: 23.12 min Scan# 2178

Delta R.T. 0.01 min

Lab File: BE097579.D

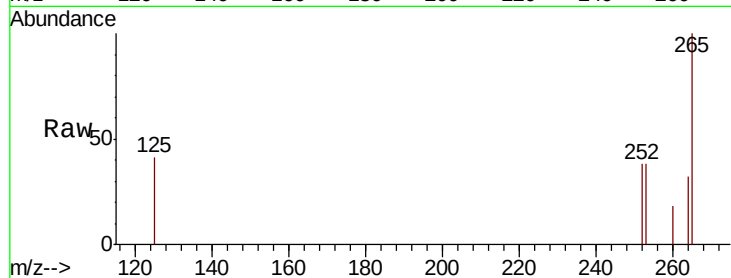
Acq: 20 Sep 2018 18:24

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW306D-20180913



Tgt Ion	Ratio	Lower	Upper
252	100		
253	99.2	16.0	24.0#
125	107.2	12.0	18.0#

