

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE050118\
 Data File : BE096286.D
 Acq On : 2 May 2018 8:35
 Operator : SJ/JU
 Sample : J2641-14
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW305I-20180427

Quant Time: May 02 11:37:42 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE041118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 30 14:27:29 2018
 Response via : Initial Calibration

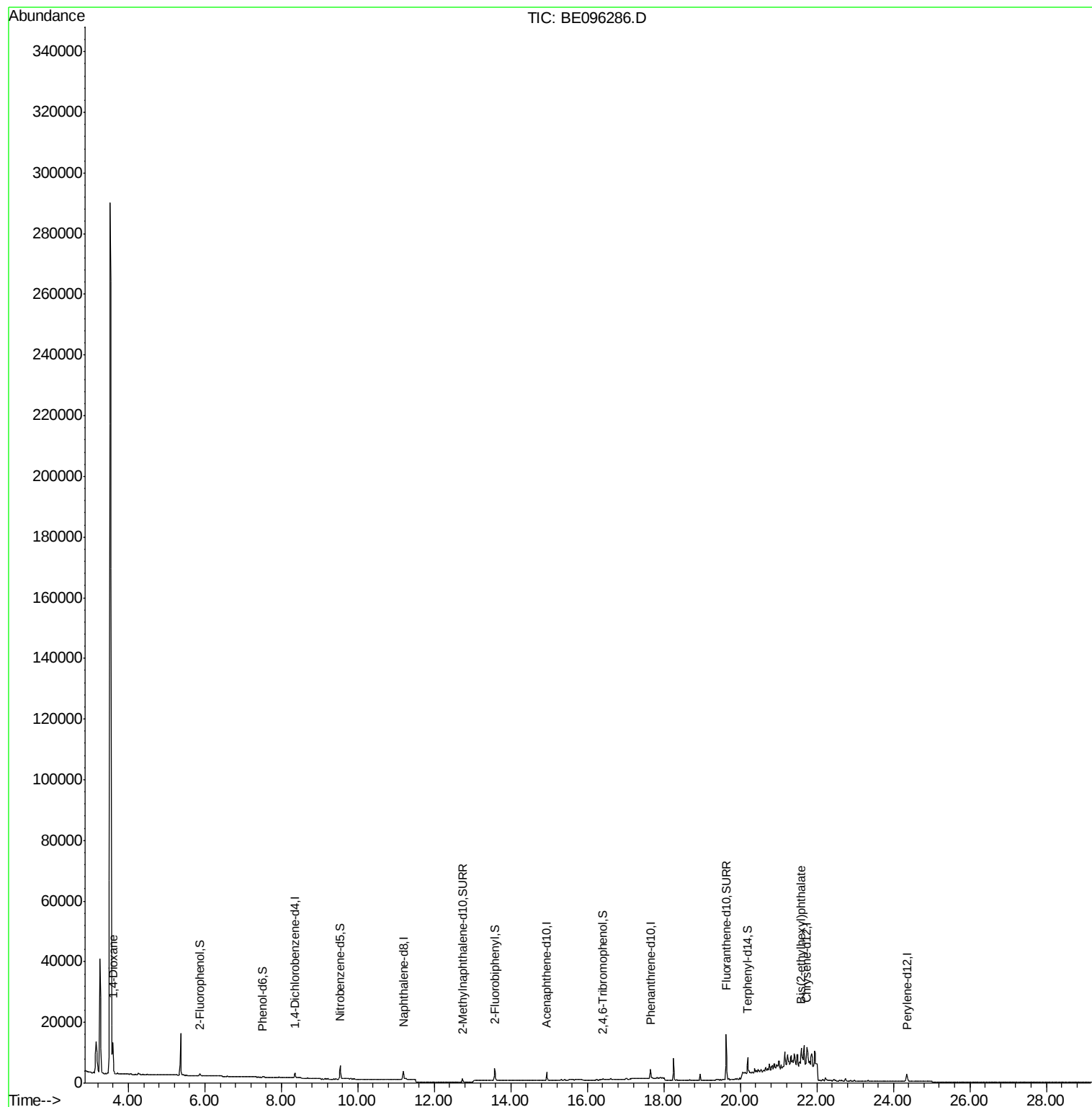
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	837	0.40	ng	0.00
7) Naphthalene-d8	11.19	136	3126	0.40	ng	0.00
13) Acenaphthene-d10	14.93	164	1642	0.40	ng	-0.01
19) Phenanthrene-d10	17.65	188	4263	0.40	ng	0.00
27) Chrysene-d12	21.74	240	4081	0.40	ng	0.00
34) Perylene-d12	24.35	264	3776	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.87	112	351	0.14	ng	0.00
5) Phenol-d6	7.53	99	283	0.08	ng	0.02
8) Nitrobenzene-d5	9.54	82	1703	0.46	ng	0.00
11) 2-Methylnaphthalene-d10	12.74	152	1562	0.32	ng	0.00
14) 2,4,6-Tribromophenol	16.41	330	219	0.28	ng	0.00
15) 2-Fluorobiphenyl	13.57	172	3564	0.51	ng	0.00
25) Fluoranthene-d10	19.63	212	18989	0.33	ng	0.00
29) Terphenyl-d14	20.19	244	4899	0.54	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.59	88	6019	4.655	ng	Qvalue 92
32) Bis(2-ethylhexyl)phthalate	21.60	149	4905	0.145	ng	# 95

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

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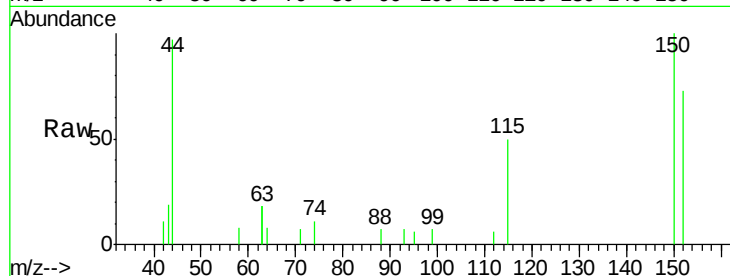


#1

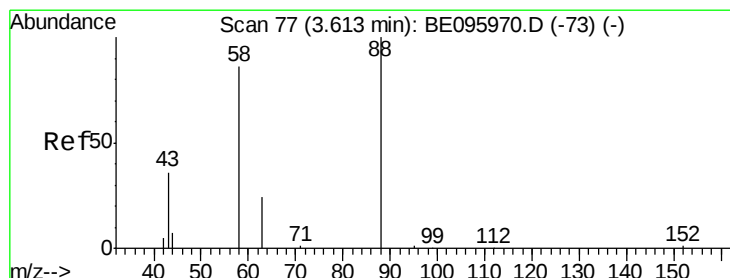
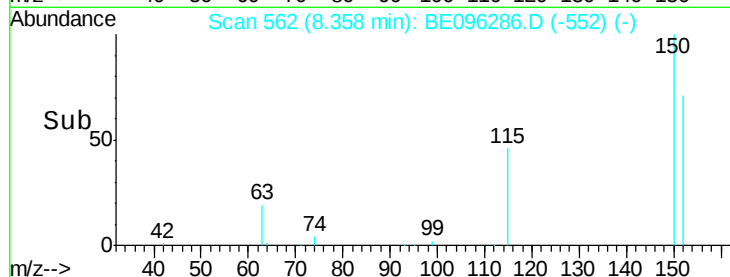
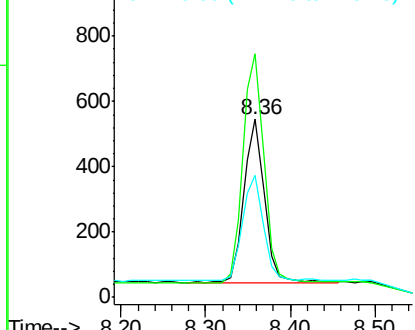
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.36 min Scan# 562
Delta R.T. -0.00 min
Lab File: BE096286.D
Acq: 2 May 2018 8:35

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW305I-20180427

Tgt Ion:152 Resp: 837
Ion Ratio Lower Upper
152 100
150 136.6 117.2 175.8
115 68.1 57.0 85.6



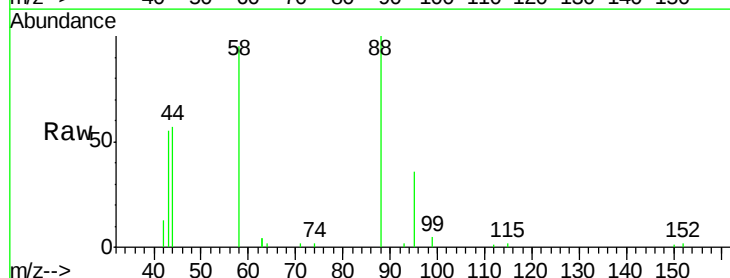
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



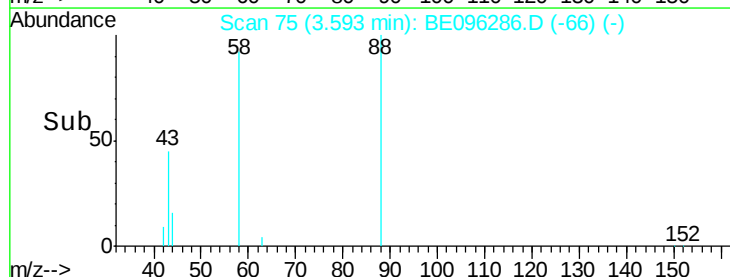
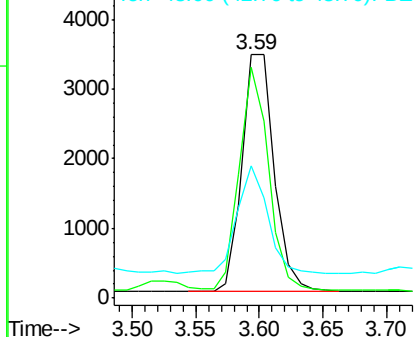
#2

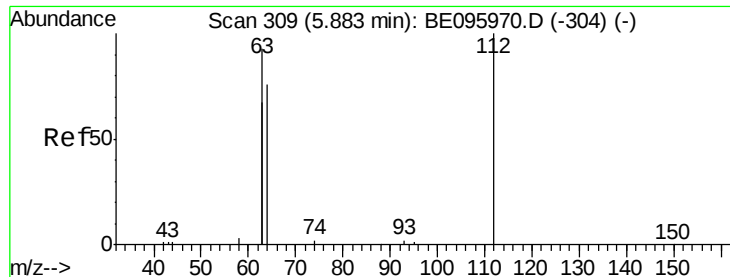
1,4-Dioxane
Concen: 4.655 ng
RT: 3.59 min Scan# 75
Delta R.T. -0.01 min
Lab File: BE096286.D
Acq: 2 May 2018 8:35

Tgt Ion: 88 Resp: 6019
Ion Ratio Lower Upper
88 100
58 83.9 63.2 94.8
43 42.8 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





#4

2-Fluorophenol

Concen: 0.136 ng

RT: 5.87 min Scan# 308

Delta R.T. 0.01 min

Lab File: BE096286.D

Acq: 2 May 2018 8:35

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW305I-20180427

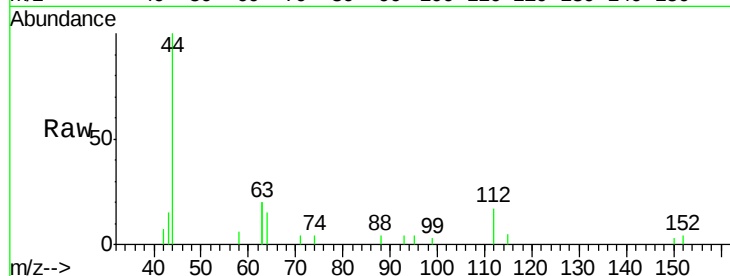
Tgt Ion: 112 Resp: 351

Ion Ratio Lower Upper

112 100

64 74.4 60.1 90.1

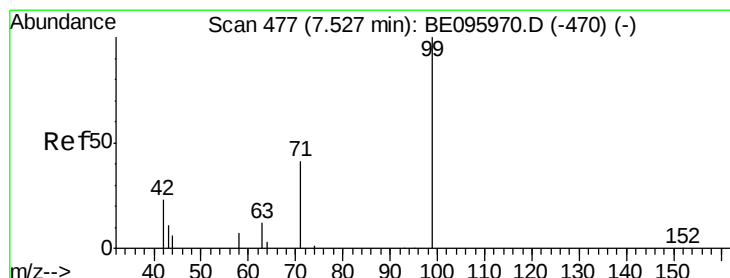
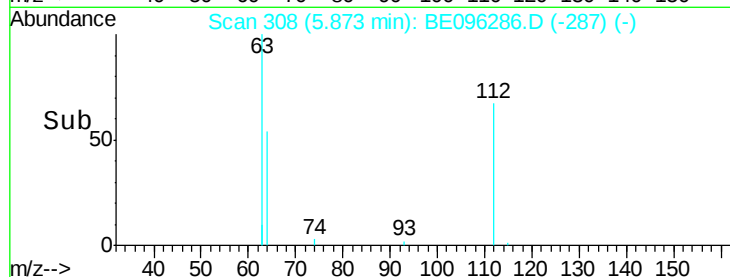
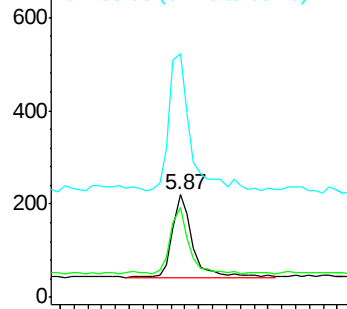
63 181.8 116.8 175.2#



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.079 ng

RT: 7.53 min Scan# 477

Delta R.T. 0.02 min

Lab File: BE096286.D

Acq: 2 May 2018 8:35

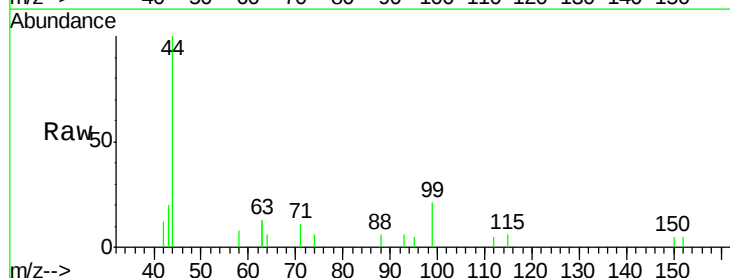
Tgt Ion: 99 Resp: 283

Ion Ratio Lower Upper

99 100

42 24.4 20.2 30.2

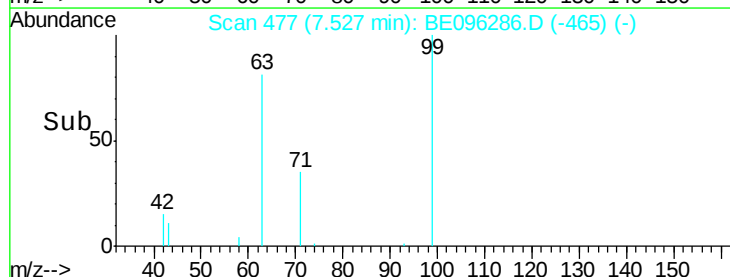
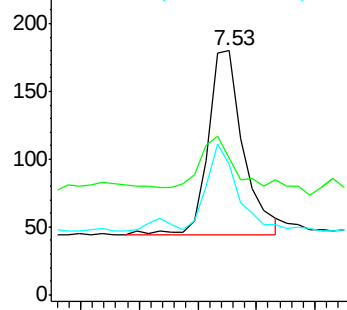
71 38.5 28.4 42.6



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: 11.19 min Scan# 779

Delta R.T. -0.00 min

Lab File: BE096286.D

Acq: 2 May 2018 8:35

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW305I-20180427

Tgt Ion:136 Resp: 3126

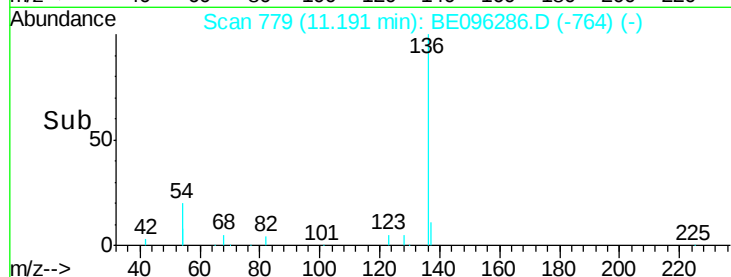
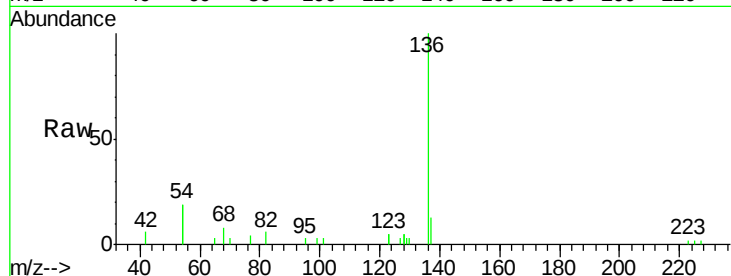
Ion Ratio Lower Upper

136 100

137 13.3 9.5 14.3

54 38.6 29.1 43.7

68 7.6 6.2 9.2

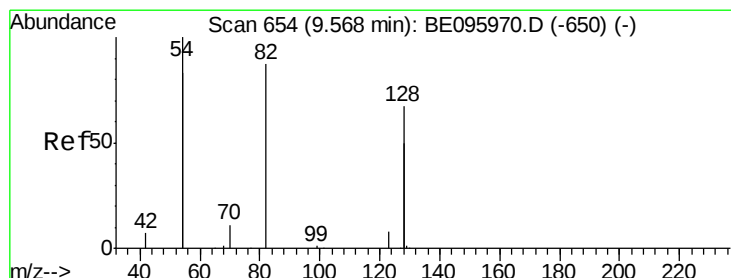
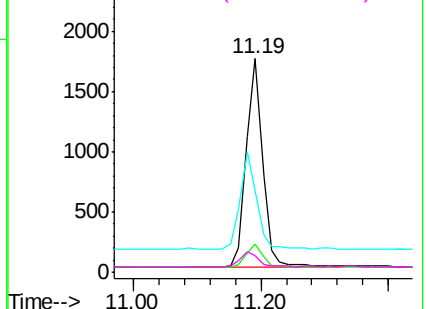


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.464 ng

RT: 9.54 min Scan# 652

Delta R.T. -0.00 min

Lab File: BE096286.D

Acq: 2 May 2018 8:35

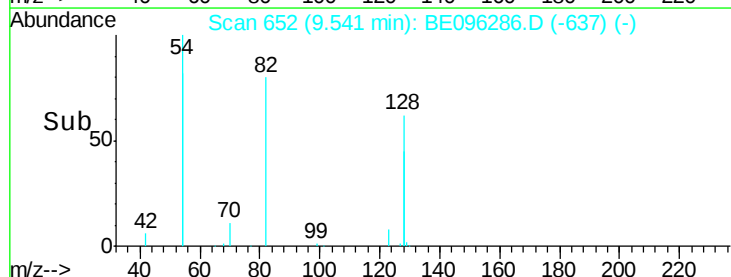
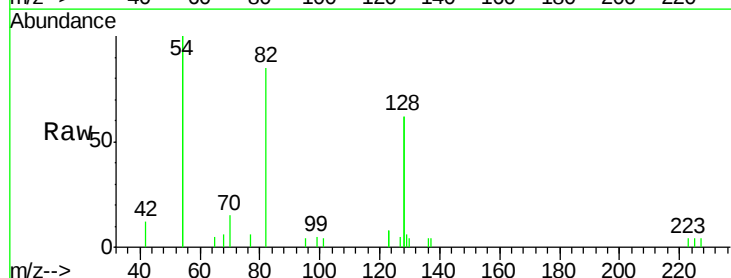
Tgt Ion: 82 Resp: 1703

Ion Ratio Lower Upper

82 100

128 147.1 150.0 225.0#

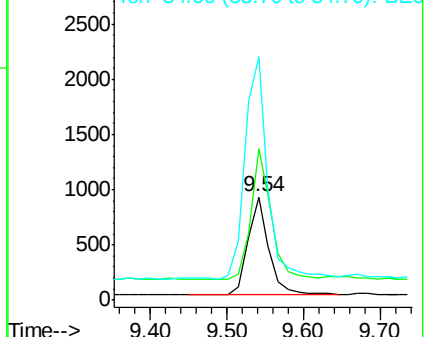
54 236.2 154.2 231.4#

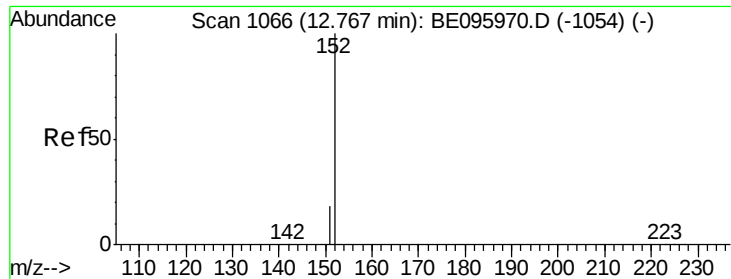


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

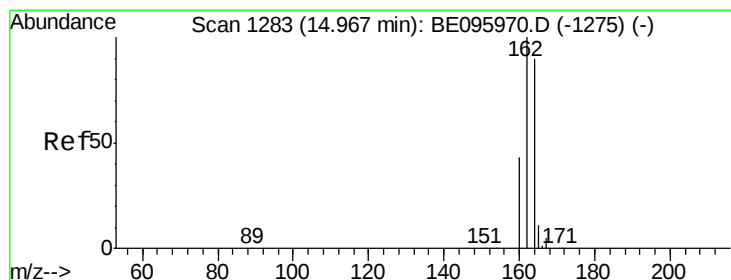
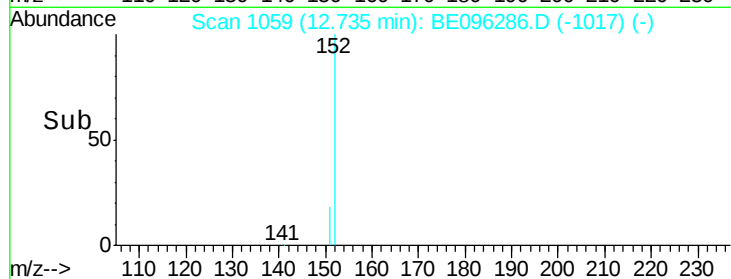
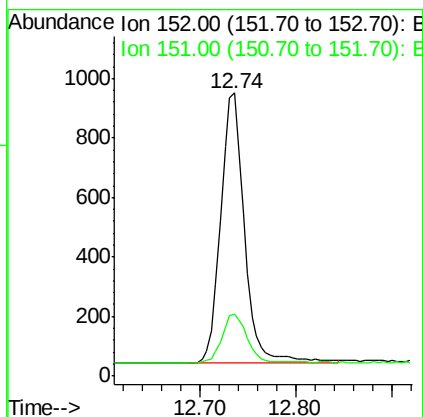
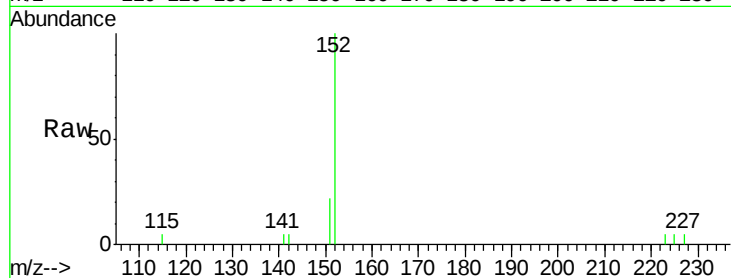




#11
2-Methylnaphthalene-d10
Concen: 0.315 ng
RT: 12.74 min Scan# 1059
Delta R.T. -0.00 min
Lab File: BE096286.D
Acq: 2 May 2018 8:35

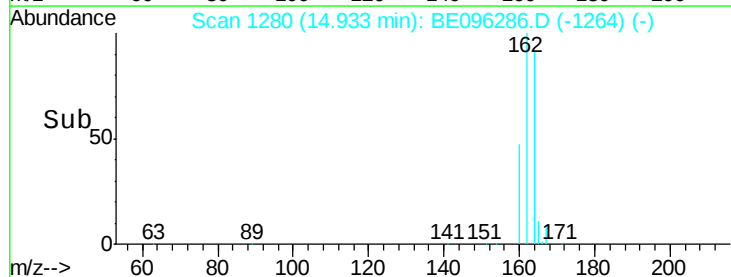
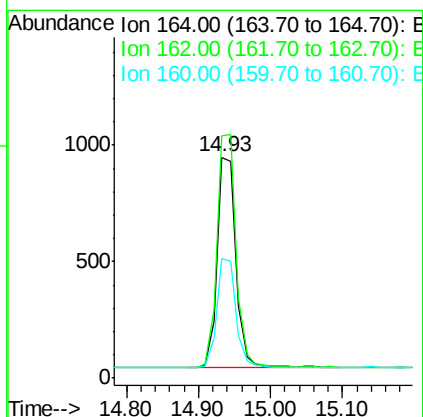
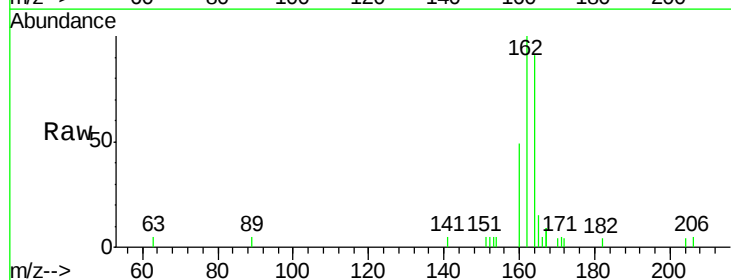
Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW305I-20180427

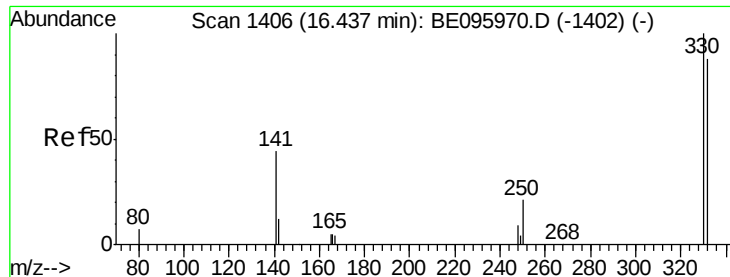
Tgt Ion:152 Resp: 1562
Ion Ratio Lower Upper
152 100
151 19.3 15.4 23.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.93 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BE096286.D
Acq: 2 May 2018 8:35

Tgt Ion:164 Resp: 1642
Ion Ratio Lower Upper
164 100
162 109.7 83.1 124.7
160 53.8 37.1 55.7

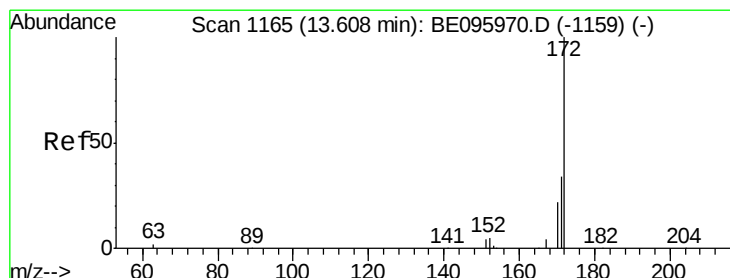
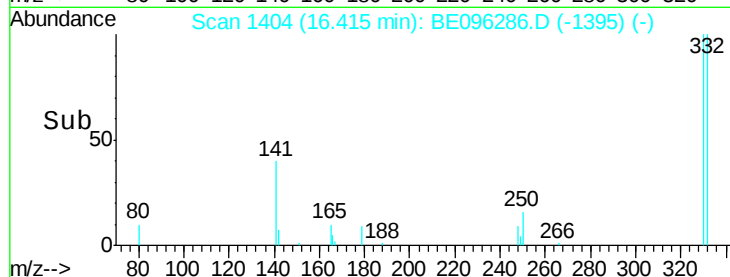
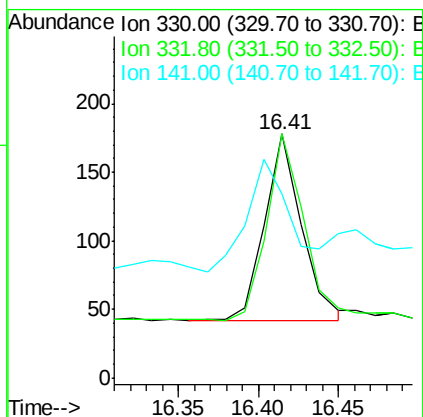
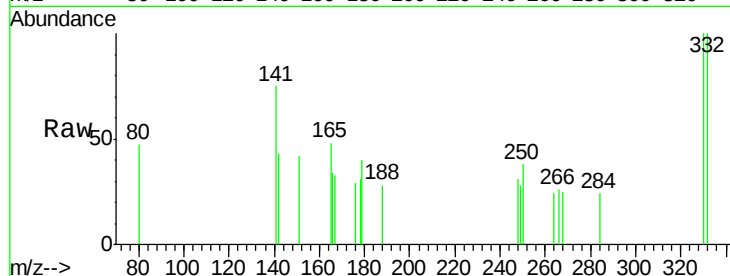




#14
 2,4,6-Tribromophenol
 Concen: 0.276 ng
 RT: 16.41 min Scan# 1404
 Delta R.T. 0.00 min
 Lab File: BE096286.D
 Acq: 2 May 2018 8:35

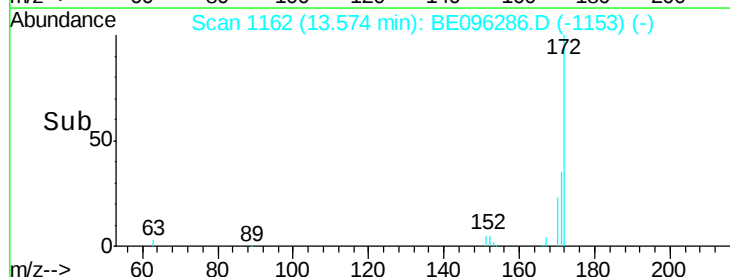
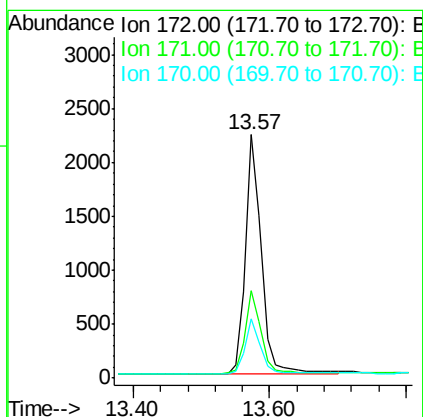
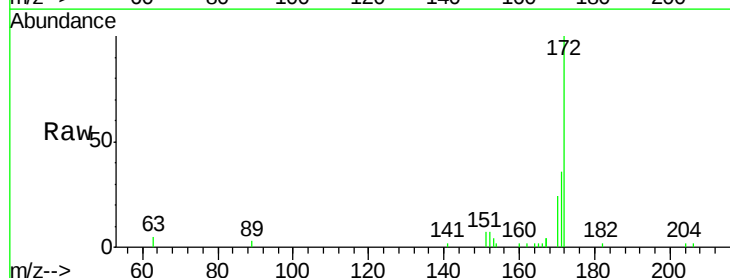
Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW305I-20180427

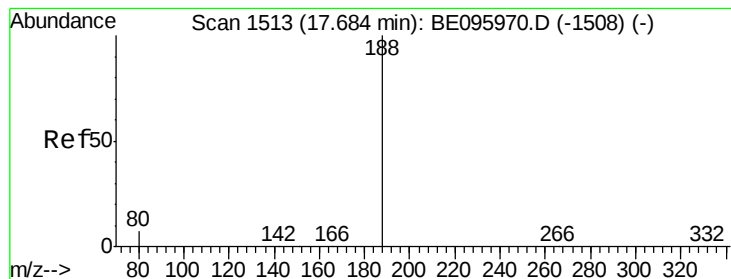
Tgt Ion: 330 Resp: 219
 Ion Ratio Lower Upper
 330 100
 332 98.2 152.7 229.1#
 141 70.8 33.7 50.5#



#15
 2-Fluorobiphenyl
 Concen: 0.507 ng
 RT: 13.57 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: BE096286.D
 Acq: 2 May 2018 8:35

Tgt Ion: 172 Resp: 3564
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.9 44.9
 170 24.3 21.8 32.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.65 min Scan# 1510

Delta R.T. 0.00 min

Lab File: BE096286.D

Acq: 2 May 2018 8:35

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW305I-20180427

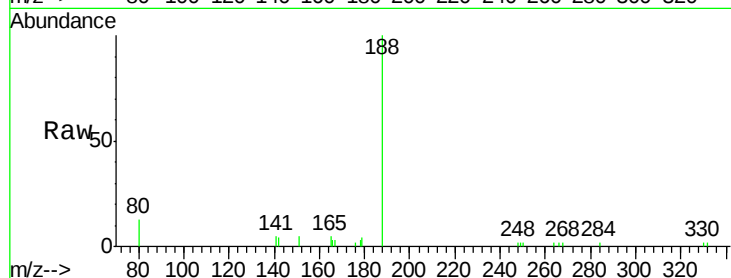
Tgt Ion:188 Resp: 4263

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

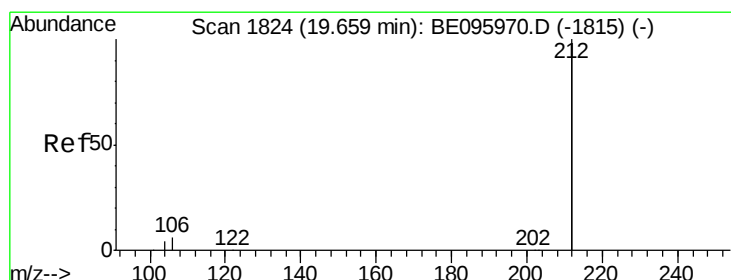
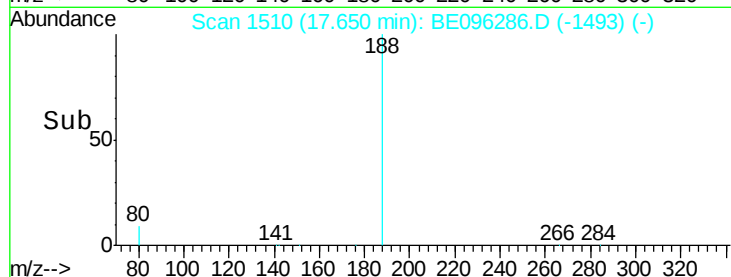
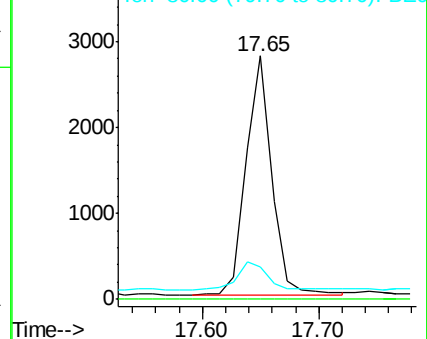
80 13.2 3.6 5.4#



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



#25

Fluoranthene-d10

Concen: 0.328 ng

RT: 19.63 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BE096286.D

Acq: 2 May 2018 8:35

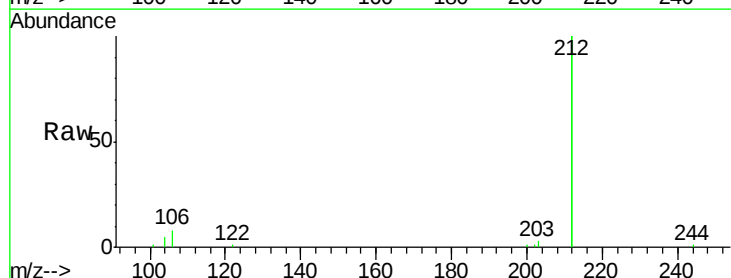
Tgt Ion:212 Resp: 18989

Ion Ratio Lower Upper

212 100

106 3.4 2.8 4.2

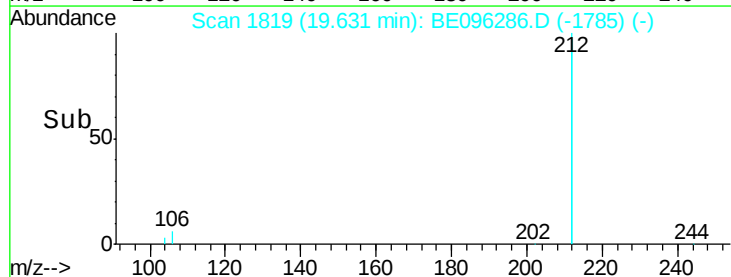
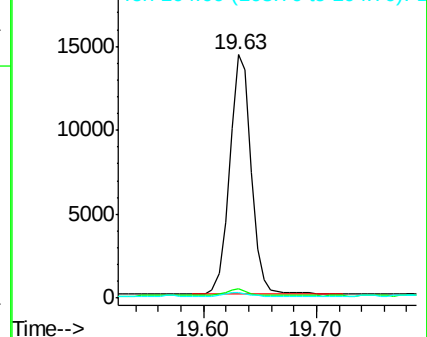
104 1.9 1.6 2.4

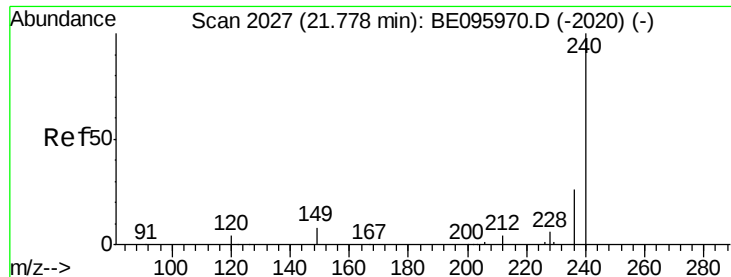


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.74 min Scan# 2024

Delta R.T. -0.00 min

Lab File: BE096286.D

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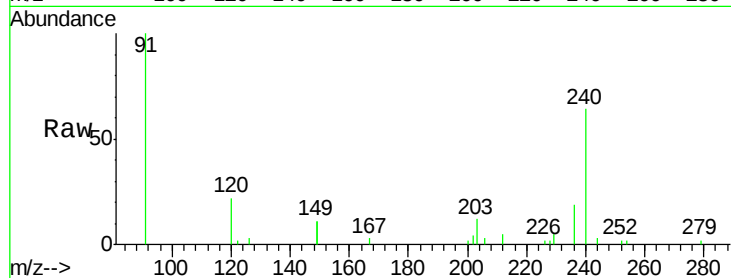
Tgt Ion:240 Resp: 4081

Ion Ratio Lower Upper

240 100

120 34.9 5.5 8.3#

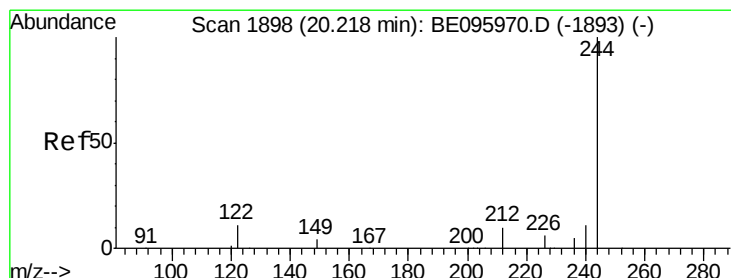
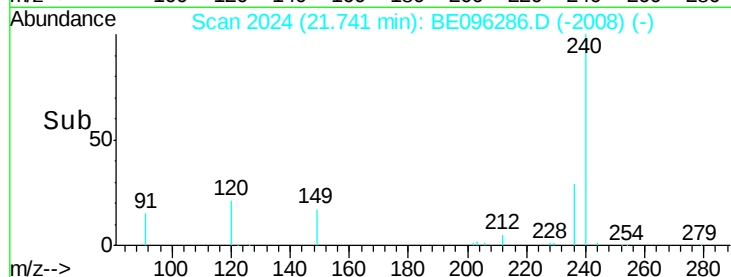
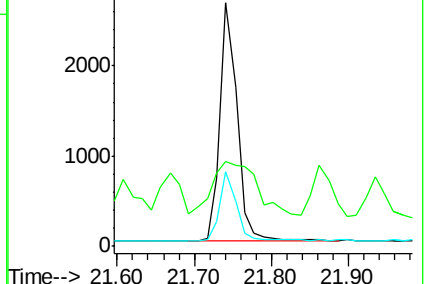
236 30.5 20.7 31.1



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: 0.543 ng

RT: 20.19 min Scan# 1896

Delta R.T. -0.00 min

Lab File: BE096286.D

Acq: 2 May 2018 8:35

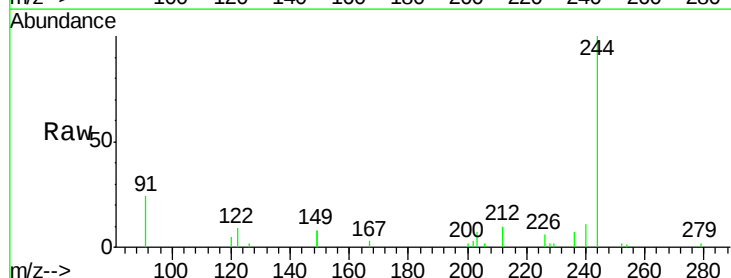
Tgt Ion:244 Resp: 4899

Ion Ratio Lower Upper

244 100

212 10.5 25.4 38.0#

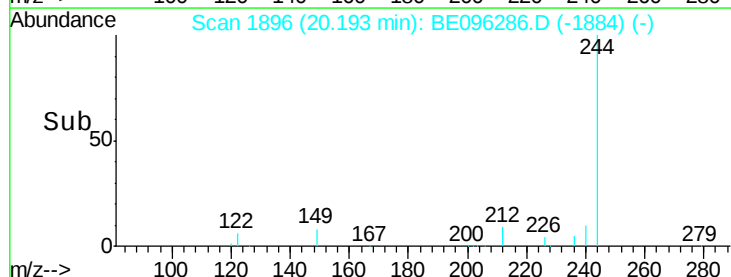
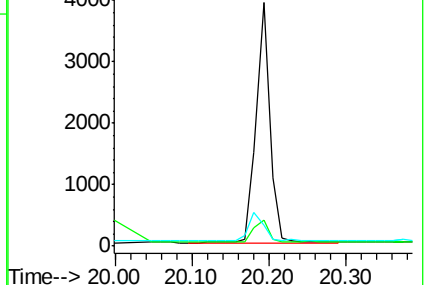
122 8.7 8.1 12.1

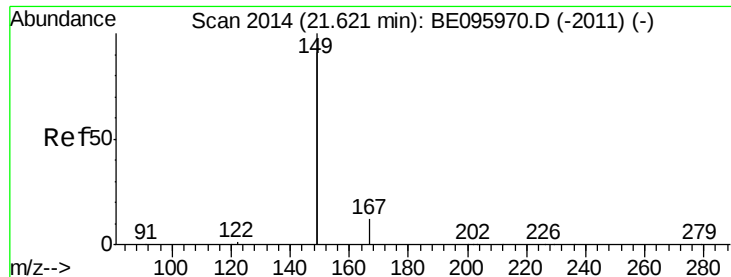


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.145 ng

RT: 21.60 min Scan# 2012

Delta R.T. -0.00 min

Lab File: BE096286.D

Acq: 2 May 2018 8:35

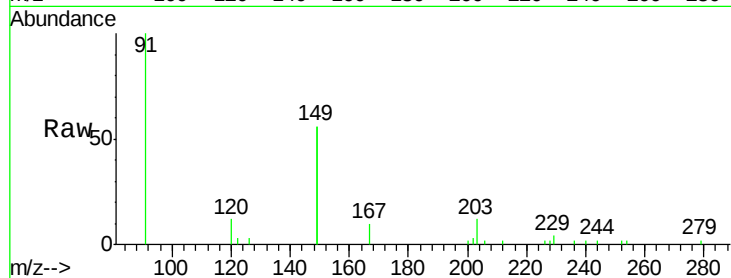
Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW305I-20180427

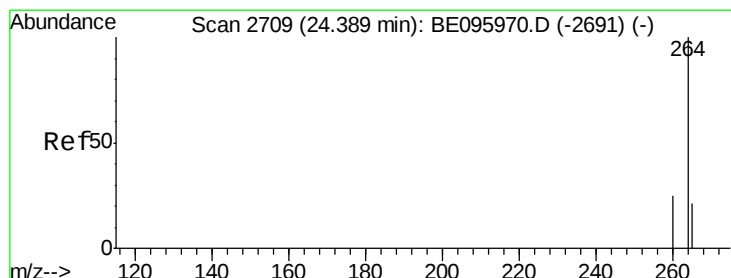
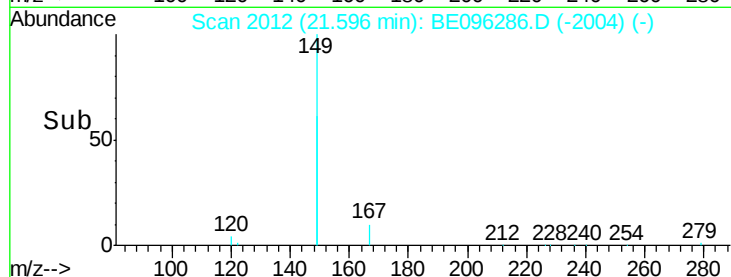
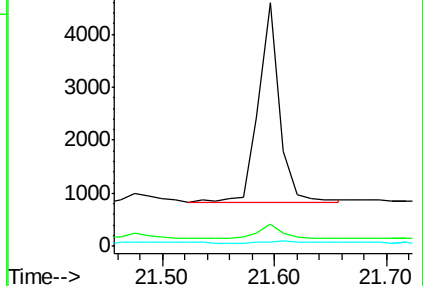
Tgt Ion:	149	Resp:	4905
Ion Ratio	Lower	Upper	
149	100		
167	8.7	5.4	8.0#
279	0.9	0.7	1.1



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

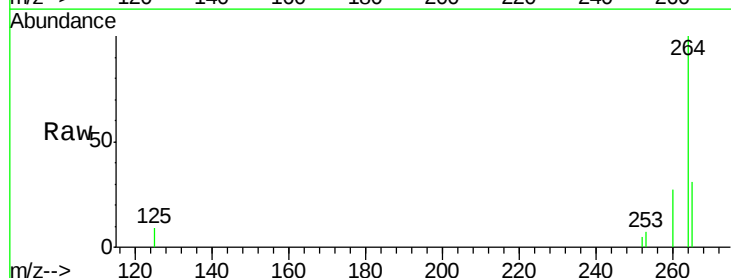
RT: 24.35 min Scan# 2697

Delta R.T. -0.00 min

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Tgt Ion:	264	Resp:	3776
Ion Ratio	Lower	Upper	
264	100		
260	27.4	20.5	30.7
265	31.1	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

