

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061419\
 Data File : BE100023.D
 Acq On : 14 Jun 2019 15:07
 Operator : JU/SJ
 Sample : K3284-14
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW306I-20190609

Quant Time: Jun 15 00:48:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 10 14:57:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	904	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3117	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	2464	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	7379	0.40	ng	0.00
27) Chrysene-d12	21.39	240	9205	0.40	ng	-0.01
34) Perylene-d12	23.92	264	10888	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.36	112	417	0.17	ng	0.00
5) Phenol-d6	6.97	99	293	0.09	ng	0.00
8) Nitrobenzene-d5	8.98	82	1253	0.42	ng	0.01
11) 2-Methylnaphthalene-d10	12.21	152	2059	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	700	0.38	ng	-0.01
15) 2-Fluorobiphenyl	13.09	172	4239	0.45	ng	-0.01
25) Fluoranthene-d10	19.24	212	39755	0.37	ng	-0.01
29) Terphenyl-d14	19.84	244	10559	0.64	ng	-0.01

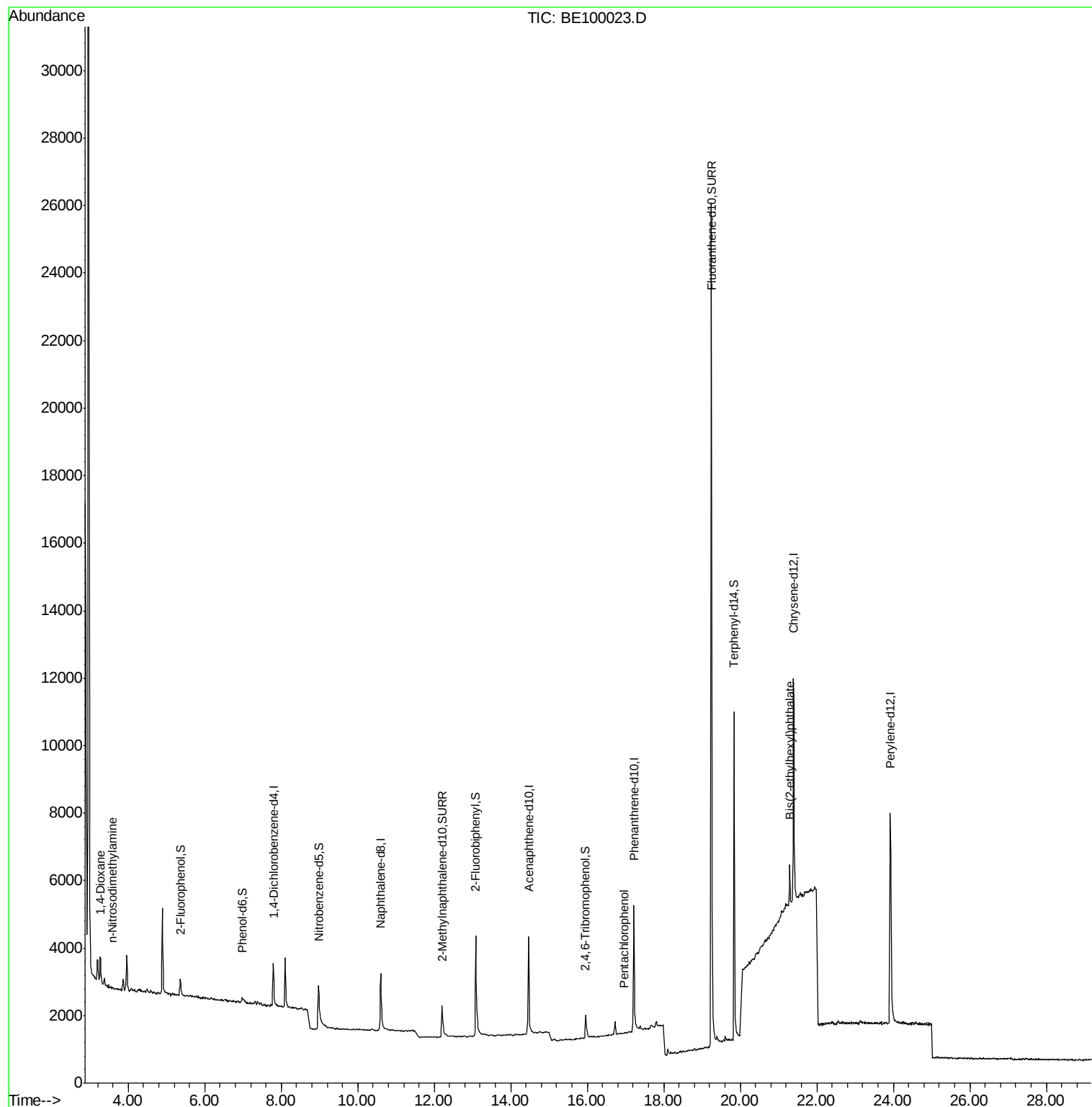
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.28	88	793	0.593	ng	# 90
3) n-Nitrosodimethylamine	3.58	42	21	0.027	ng	# 100
22) Pentachlorophenol	16.96	266	10	0.305	ng	87
32) Bis(2-ethylhexyl)phthalate	21.29	149	1452	0.037	ng	# 94

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

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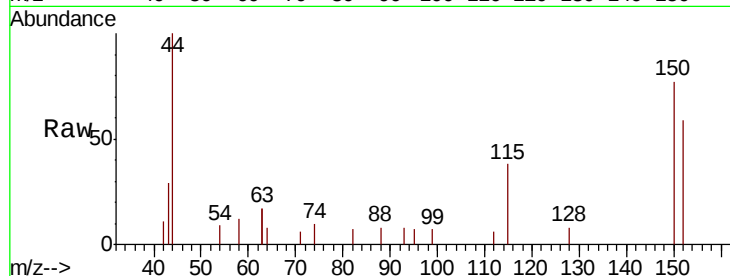


#1

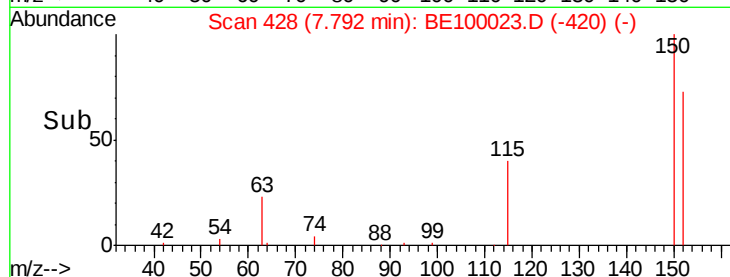
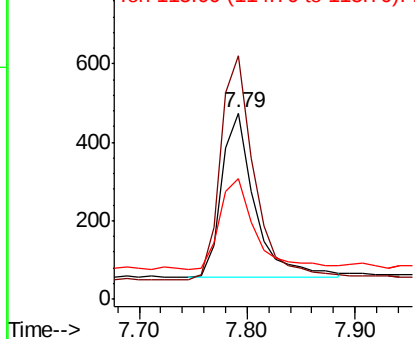
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.00 min
Lab File: BE100023.D
Acq: 14 Jun 2019 15:07

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW306I-20190609

Tgt Ion:152 Resp: 904
Ion Ratio Lower Upper
152 100
150 131.0 111.0 166.6
115 65.2 50.7 76.1



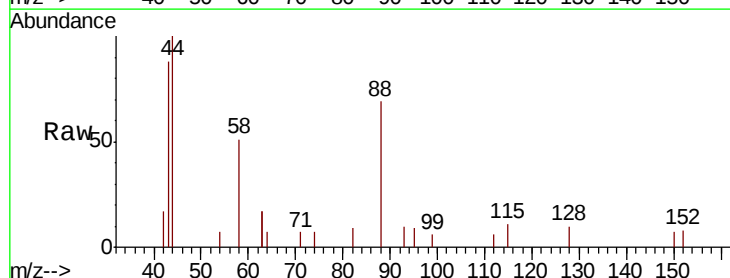
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



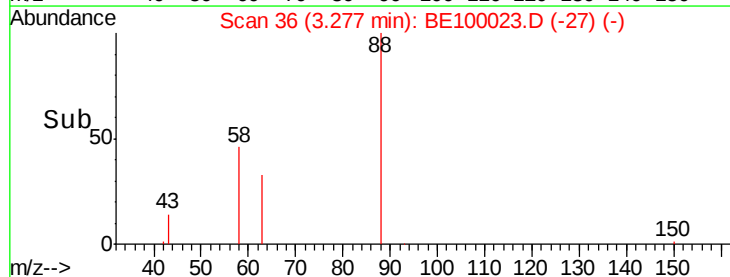
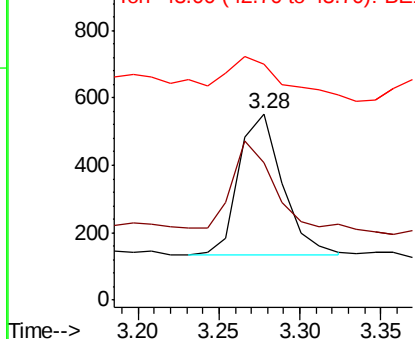
#2

1,4-Dioxane
Concen: 0.593 ng
RT: 3.28 min Scan# 36
Delta R.T. 0.01 min
Lab File: BE100023.D
Acq: 14 Jun 2019 15:07

Tgt Ion: 88 Resp: 793
Ion Ratio Lower Upper
88 100
58 54.4 48.8 73.2
43 29.9 19.0 28.6#



Abundance Ion 88.00 (87.70 to 88.70): BE1
Ion 58.00 (57.70 to 58.70): BE1
Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.027 ng

RT: 3.58 min Scan# 62

Delta R.T. -0.03 min

Lab File: BE100023.D

Acq: 14 Jun 2019 15:07

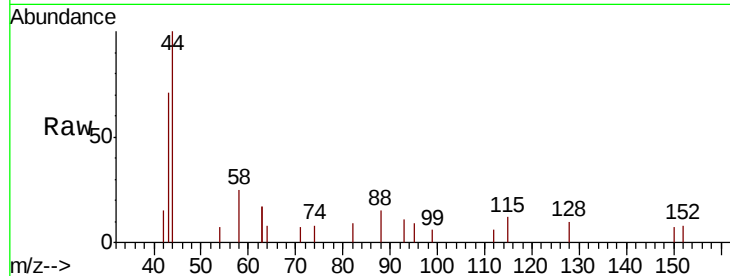
Instrument :

BNA_E

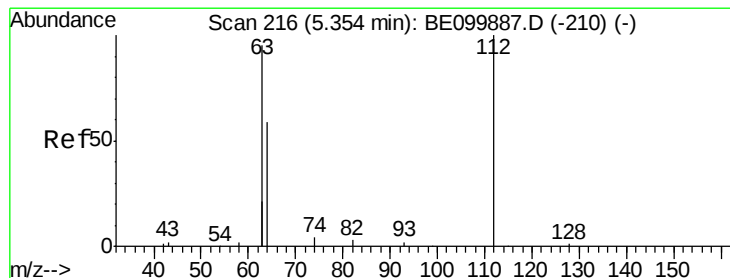
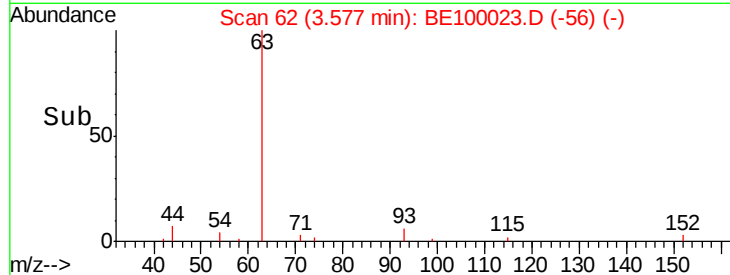
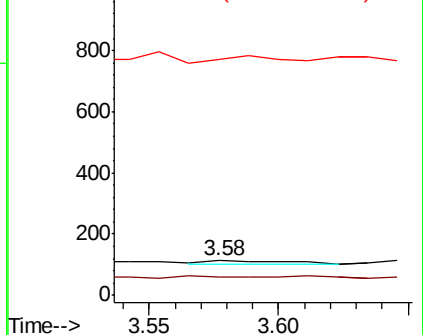
ClientSampleId :

BPS1-TT-MW306I-20190609

Tgt Ion:	42	Resp:	21
Ion	Ratio	Lower	Upper
42	100		
74	0.0	0.0	0.0
44	95.2	0.0	0.0#



Abundance Ion 42.00 (41.70 to 42.70): BE1
Ion 74.00 (73.70 to 74.70): BE1
Ion 44.00 (43.70 to 44.70): BE1



#4

2-Fluorophenol

Concen: 0.171 ng

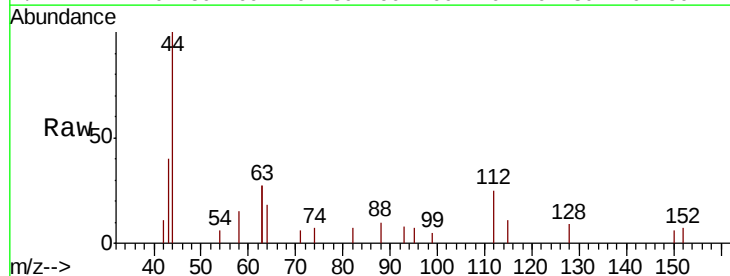
RT: 5.36 min Scan# 217

Delta R.T. 0.01 min

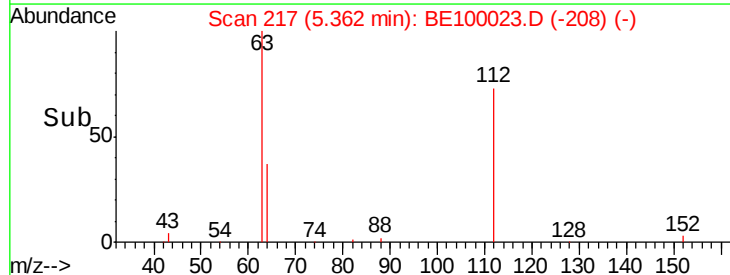
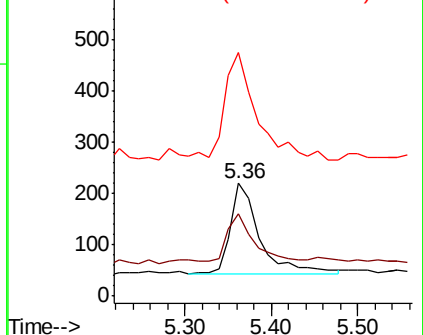
Lab File: BE100023.D

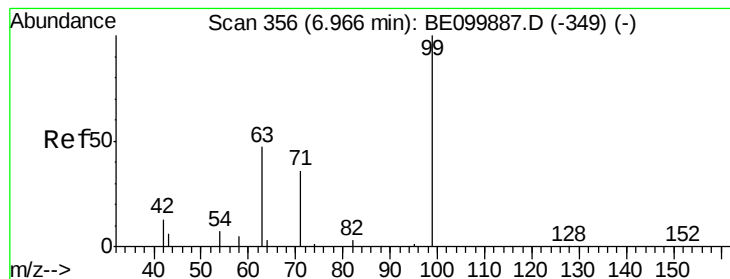
Acq: 14 Jun 2019 15:07

Tgt Ion:	112	Resp:	417
Ion	Ratio	Lower	Upper
112	100		
64	48.4	44.1	66.1
63	131.7	87.8	131.6#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE1
Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.093 ng

RT: 6.97 min Scan# 357

Delta R.T. 0.01 min

Lab File: BE100023.D

Acq: 14 Jun 2019 15:07

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW306I-20190609

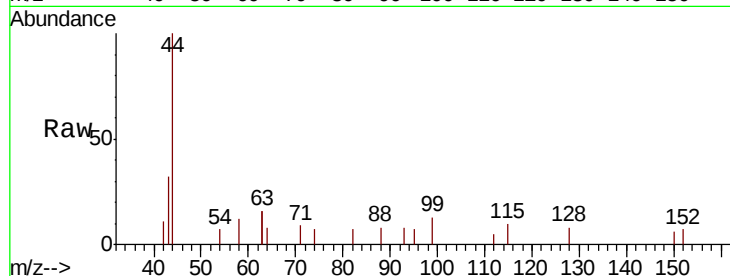
Tgt Ion: 99 Resp: 293

Ion Ratio Lower Upper

99 100

42 19.1 15.9 23.9

71 34.1 34.6 52.0#

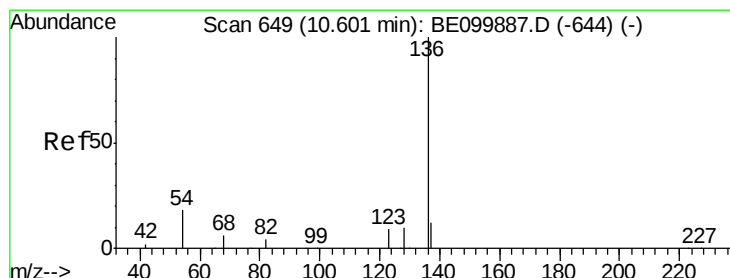
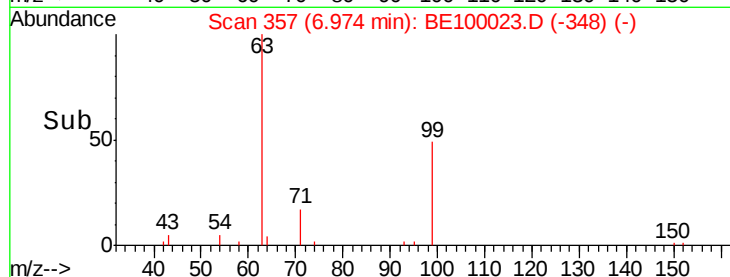
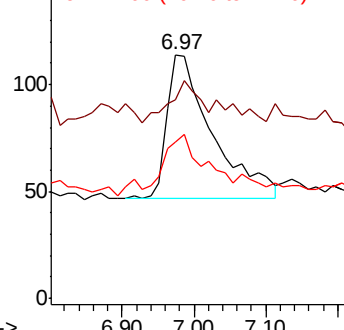


Abundance

Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. -0.00 min

Lab File: BE100023.D

Acq: 14 Jun 2019 15:07

Tgt Ion: 136 Resp: 3117

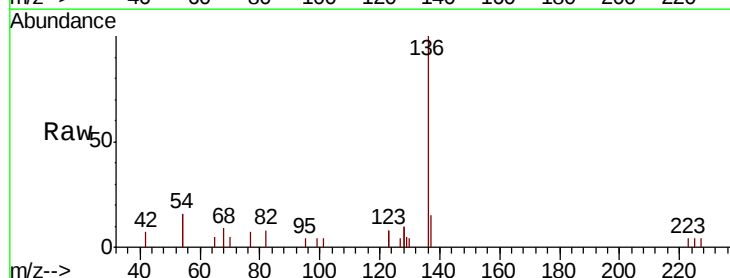
Ion Ratio Lower Upper

136 100

137 15.0 12.3 18.5

54 32.6 28.2 42.4

68 8.7 7.8 11.8



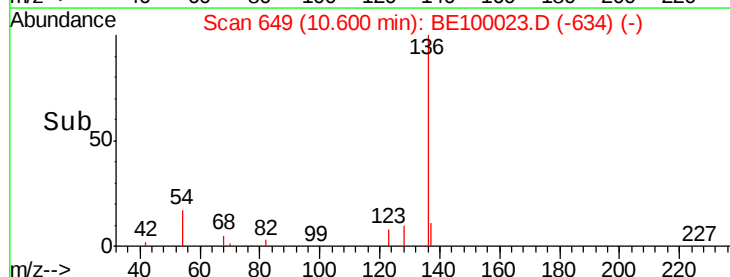
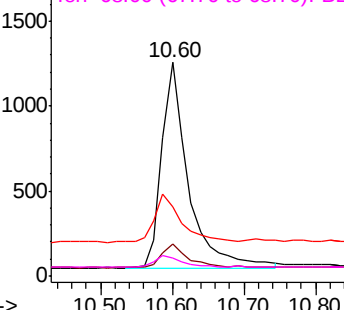
Abundance

Ion 136.00 (135.70 to 136.70): BE1

Ion 137.00 (136.70 to 137.70): BE1

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1





#8

Nitrobenzene-d5

Concen: 0.425 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE100023.D

Acq: 14 Jun 2019 15:07

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW306I-20190609

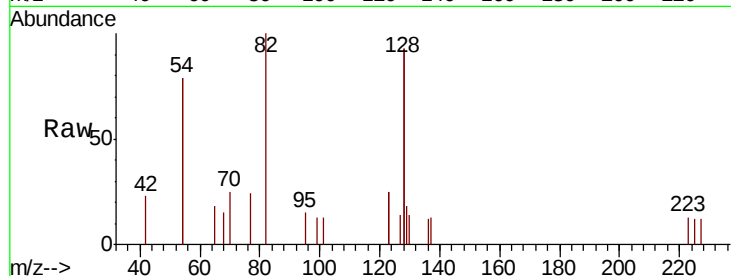
Tgt Ion: 82 Resp: 1253

Ion Ratio Lower Upper

82 100

128 186.6 137.3 205.9

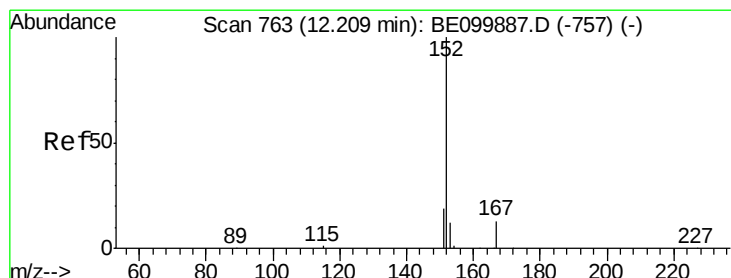
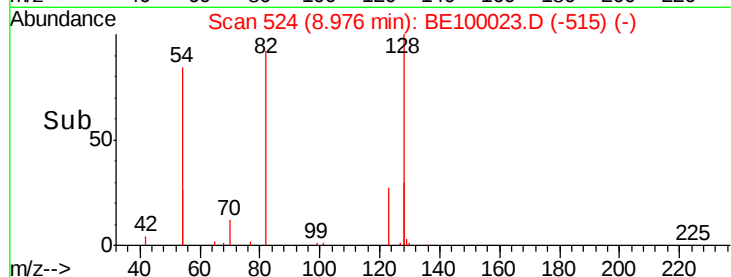
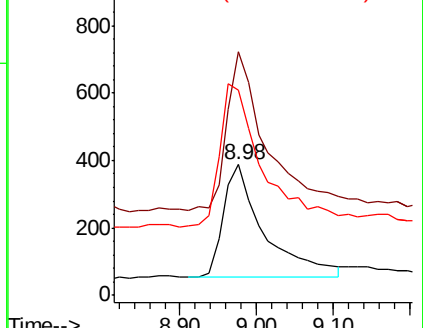
54 157.1 129.7 194.5



Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): BE1

Ion 54.00 (53.70 to 54.70): BE1



#11

2-Methylnaphthalene-d10

Concen: 0.379 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.00 min

Lab File: BE100023.D

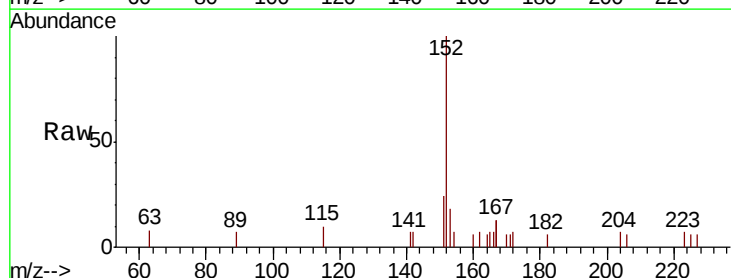
Acq: 14 Jun 2019 15:07

Tgt Ion: 152 Resp: 2059

Ion Ratio Lower Upper

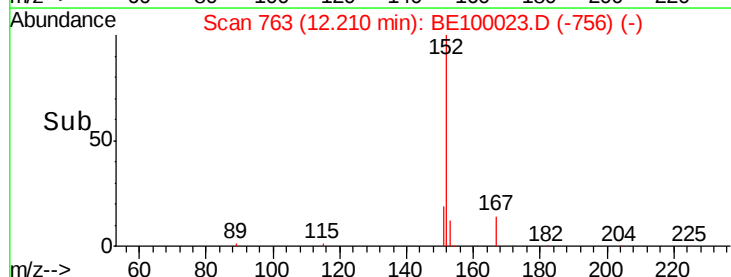
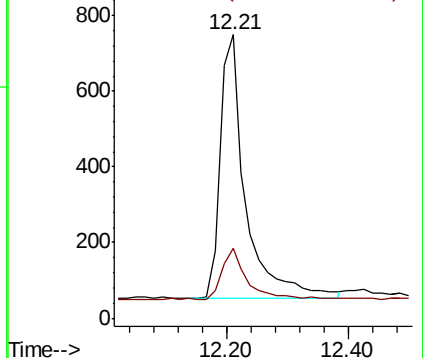
152 100

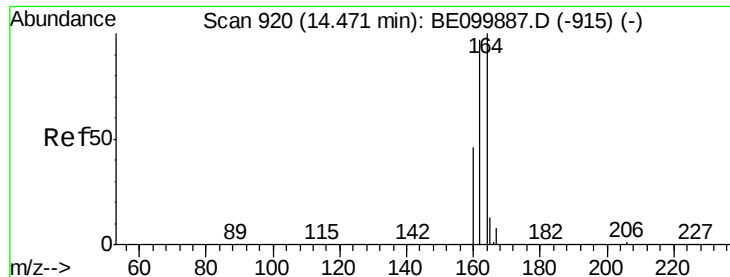
151 19.6 15.2 22.8



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: 14.47 min Scan# 920

Delta R.T. 0.00 min

Lab File: BE100023.D

Acq: 14 Jun 2019 15:07

Instrument :

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ClientSampleId :

BPS1-TT-MW306I-20190609

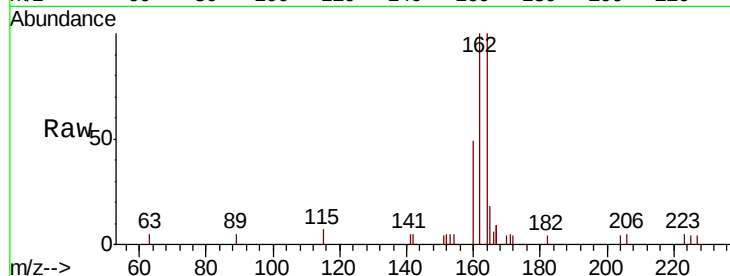
Tgt Ion:164 Resp: 2464

Ion Ratio Lower Upper

164 100

162 99.7 77.8 116.8

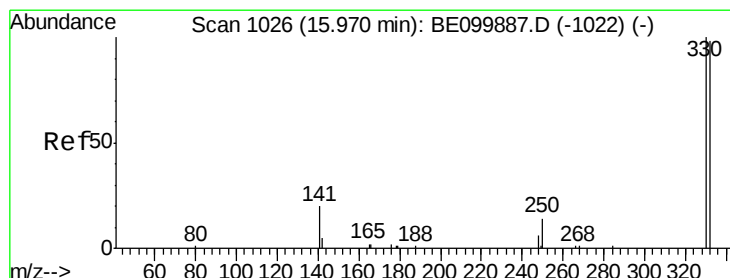
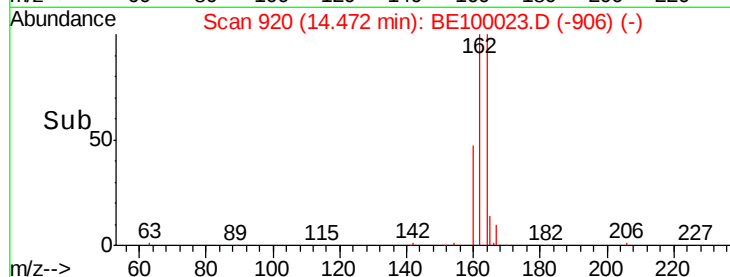
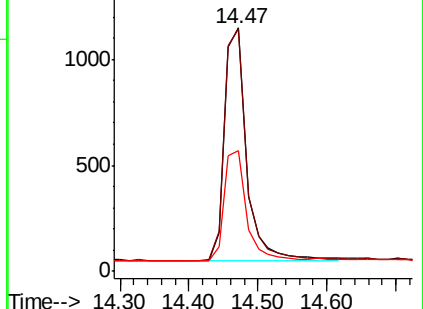
160 49.3 38.2 57.4



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: 0.384 ng

RT: 15.96 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BE100023.D

Acq: 14 Jun 2019 15:07

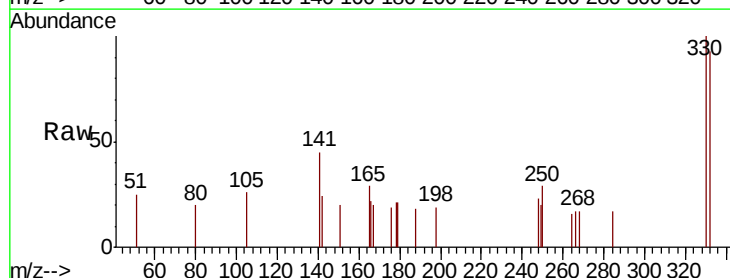
Tgt Ion:330 Resp: 700

Ion Ratio Lower Upper

330 100

332 99.0 76.7 115.1

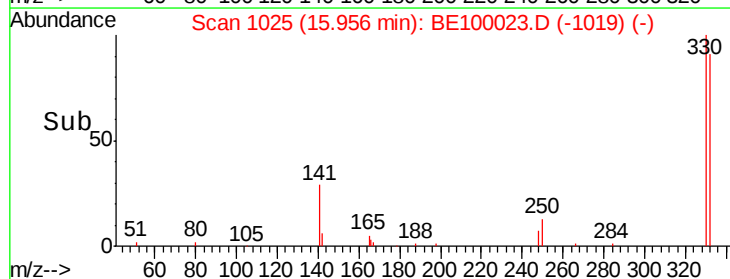
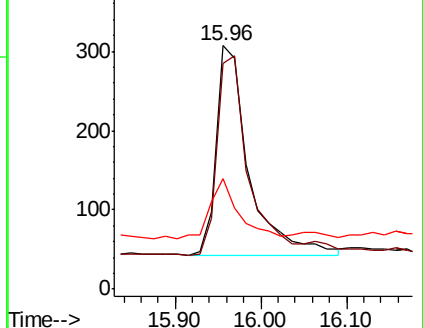
141 25.4 21.0 31.6

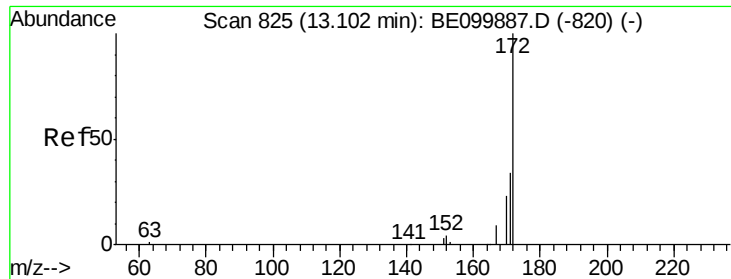


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

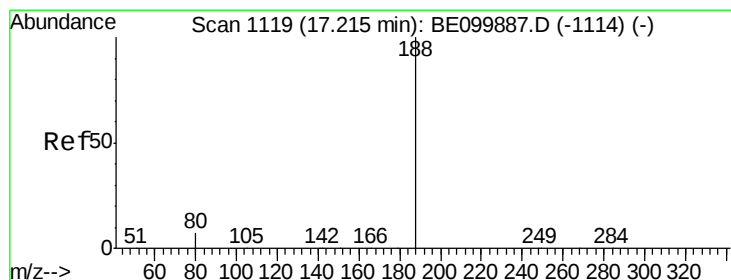
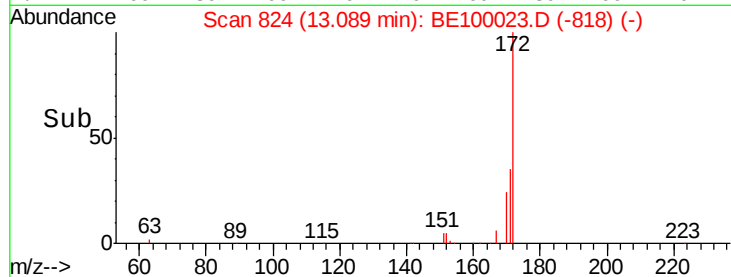
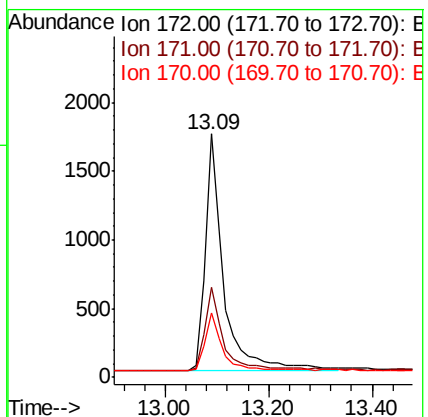
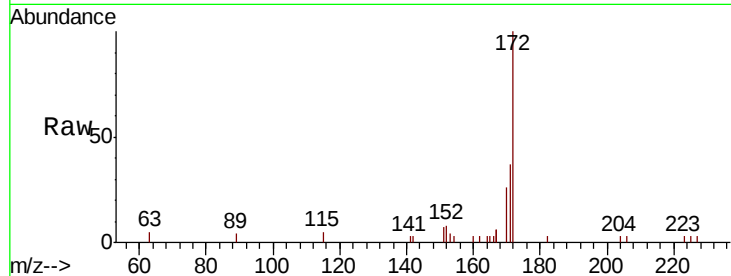




#15
2-Fluorobiphenyl
Concen: 0.454 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.01 min
Lab File: BE100023.D
Acq: 14 Jun 2019 15:07

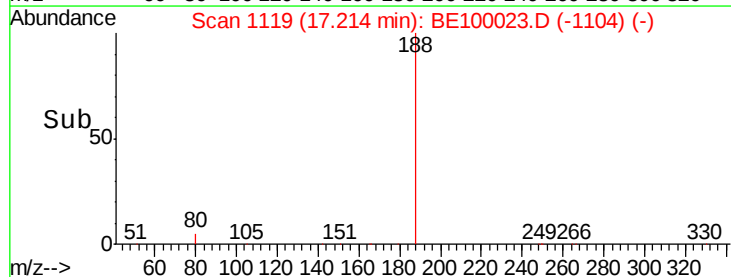
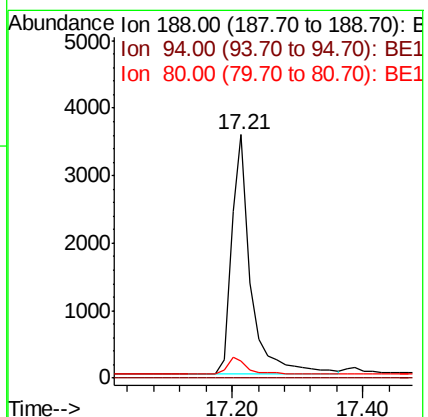
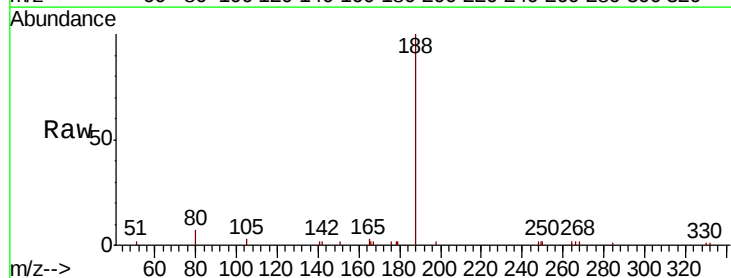
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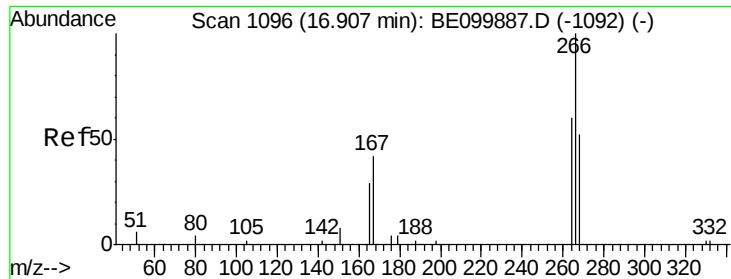
Tgt Ion:172 Resp: 4239
Ion Ratio Lower Upper
172 100
171 36.7 29.2 43.8
170 26.5 21.2 31.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE100023.D
Acq: 14 Jun 2019 15:07

Tgt Ion:188 Resp: 7379
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.8 6.4 9.6

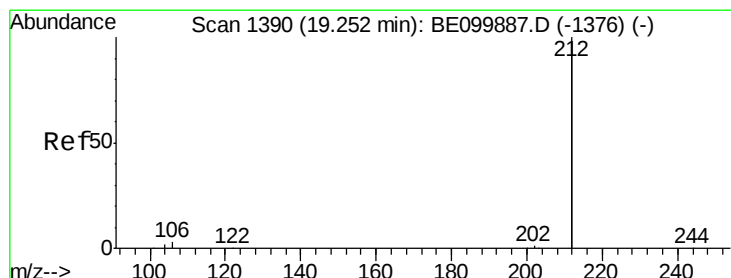
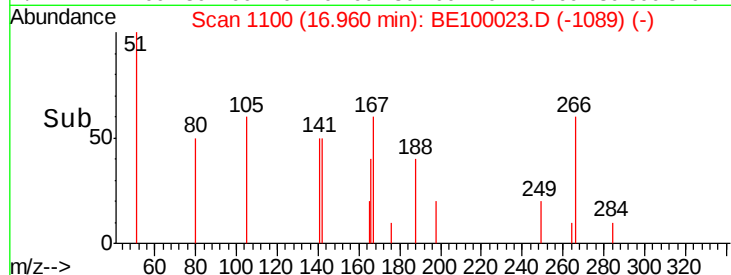
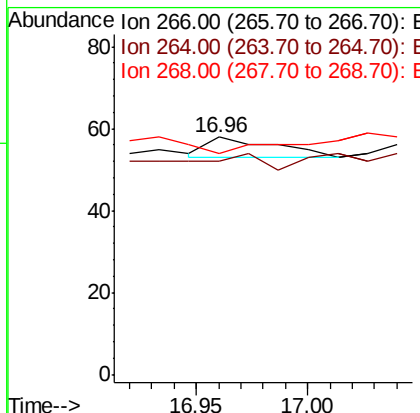
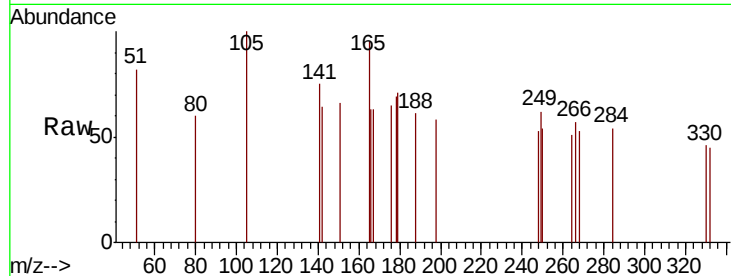




#22
 Pentachlorophenol
 Concen: 0.305 ng
 RT: 16.96 min Scan# 1100
 Delta R.T. 0.05 min
 Lab File: BE100023.D
 Acq: 14 Jun 2019 15:07

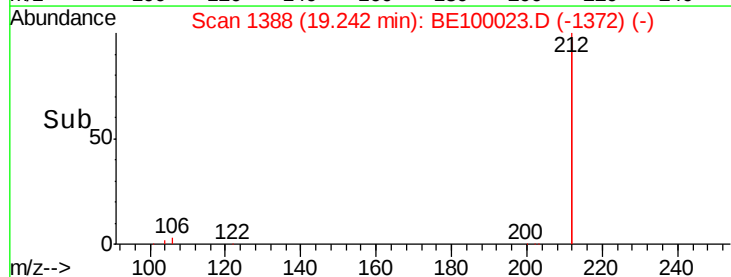
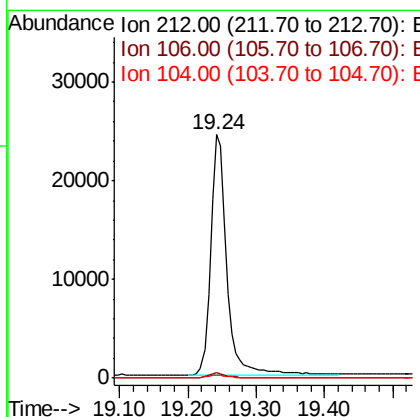
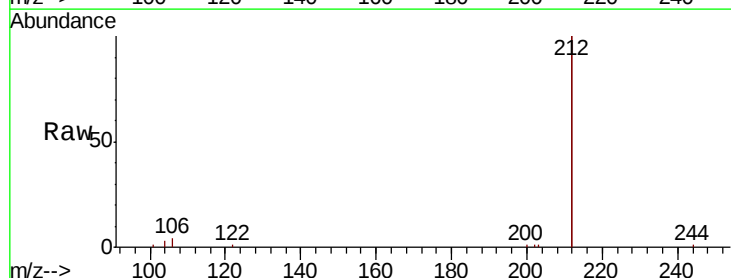
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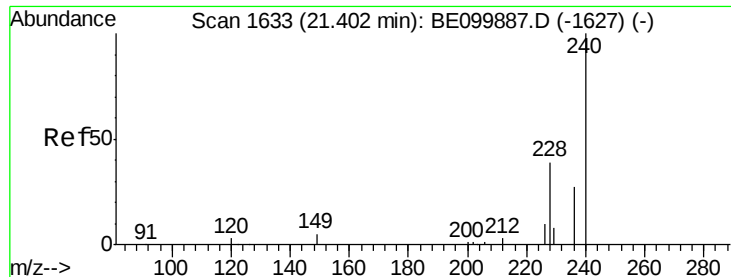
Tgt Ion: 266 Resp: 10
 Ion Ratio Lower Upper
 266 100
 264 89.7 62.2 93.2
 268 93.1 65.5 98.3



#25
 Fluoranthene-d10
 Concen: 0.370 ng
 RT: 19.24 min Scan# 1388
 Delta R.T. -0.01 min
 Lab File: BE100023.D
 Acq: 14 Jun 2019 15:07

Tgt Ion: 212 Resp: 39755
 Ion Ratio Lower Upper
 212 100
 106 1.7 1.4 2.2
 104 1.0 0.9 1.3

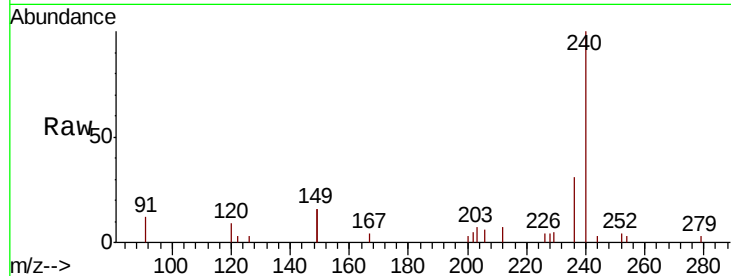




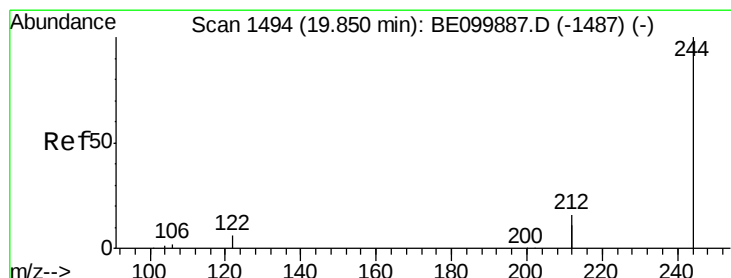
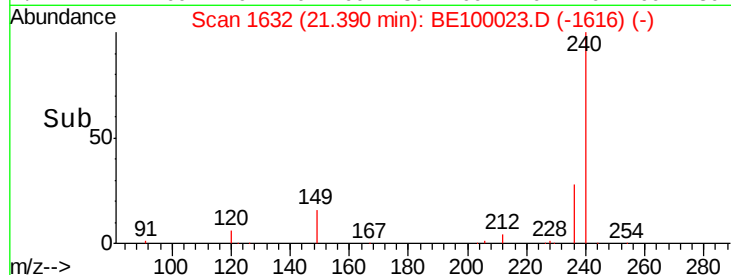
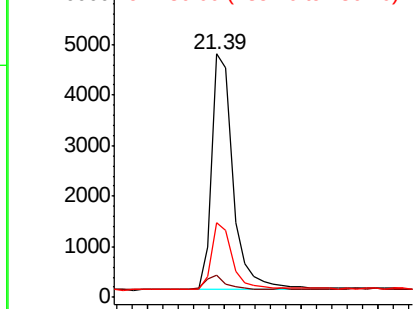
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.39 min Scan# 1632
Delta R.T. -0.01 min
Lab File: BE100023.D
Acq: 14 Jun 2019 15:07

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW306I-20190609

Tgt Ion:240 Resp: 9205
Ion Ratio Lower Upper
240 100
120 9.2 3.8 5.6#
236 30.7 22.0 33.0

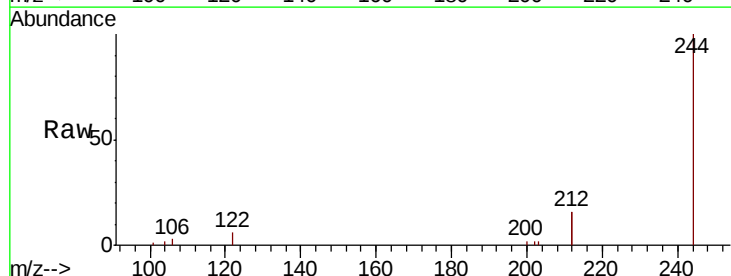


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

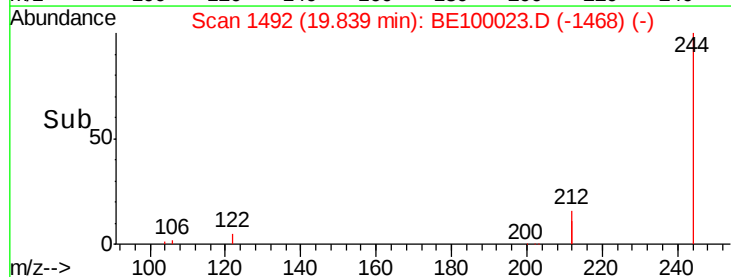
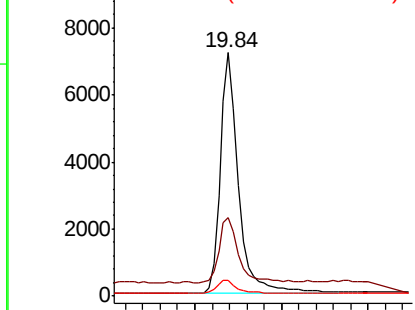


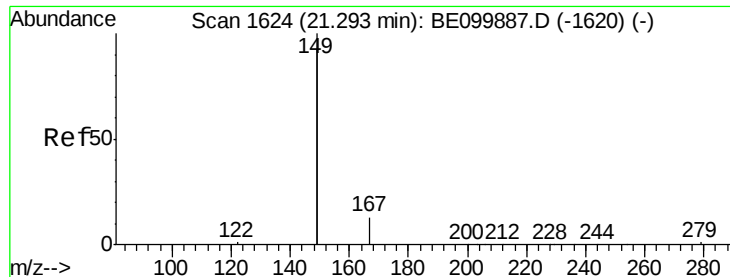
#29
Terphenyl-d14
Concen: 0.637 ng
RT: 19.84 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BE100023.D
Acq: 14 Jun 2019 15:07

Tgt Ion:244 Resp: 10559
Ion Ratio Lower Upper
244 100
212 32.5 25.7 38.5
122 6.4 5.5 8.3



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: 21.29 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BE100023.D

Acq: 14 Jun 2019 15:07

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW306I-20190609

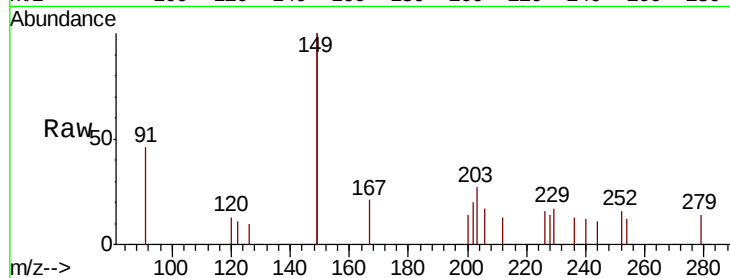
Tgt Ion:149 Resp: 1452

Ion Ratio Lower Upper

149 100

167 9.7 5.9 8.9#

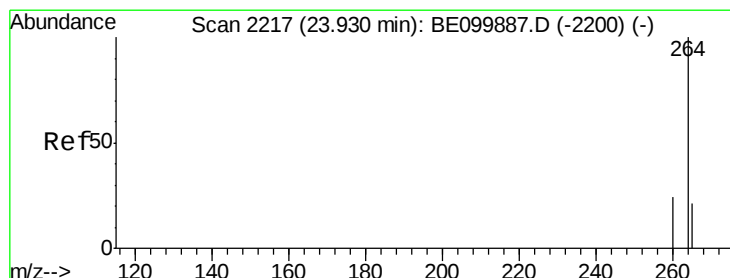
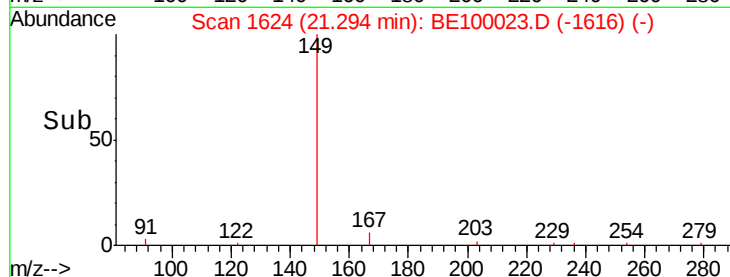
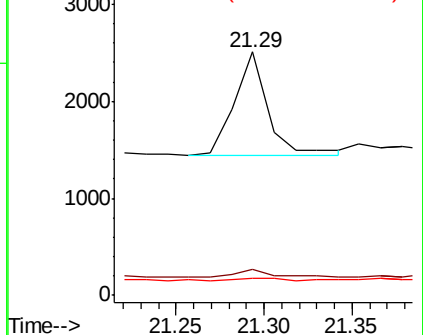
279 2.5 1.2 1.8#



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: 23.92 min Scan# 2215

Delta R.T. -0.01 min

Lab File: BE100023.D

Acq: 14 Jun 2019 15:07

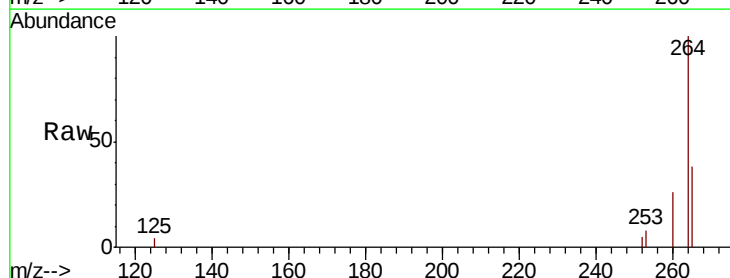
Tgt Ion:264 Resp: 10888

Ion Ratio Lower Upper

264 100

260 26.0 20.2 30.2

265 38.4 22.0 33.0#



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

