

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061419\
 Data File : BE100021.D
 Acq On : 14 Jun 2019 13:55
 Operator : JU/SJ
 Sample : K3284-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW306D-20190609

Quant Time: Jun 15 00:48:37 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

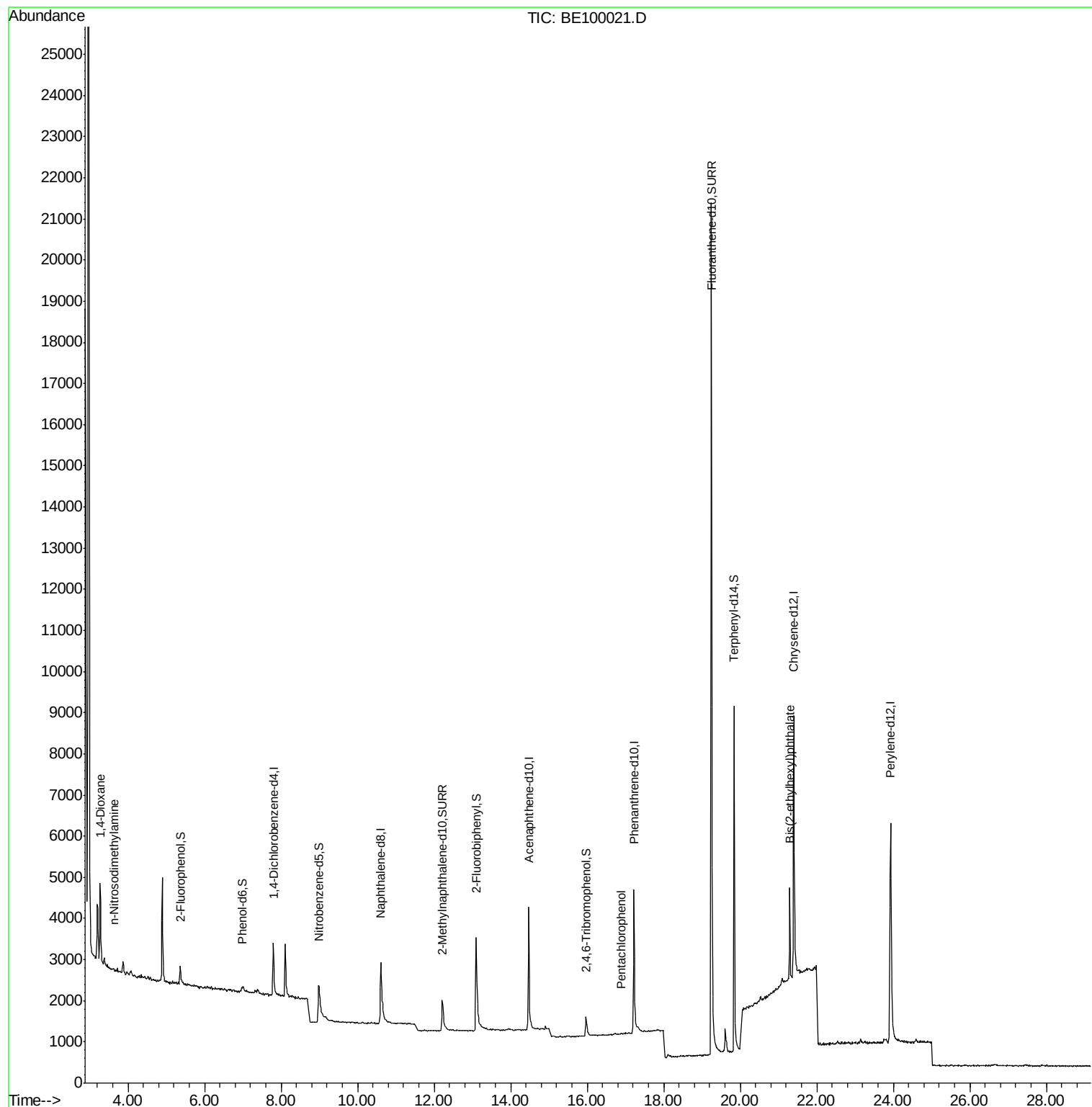
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	871	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3181	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	2407	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	7223	0.40	ng	0.00
27) Chrysene-d12	21.40	240	9170	0.40	ng	0.00
34) Perylene-d12	23.93	264	10484	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	362	0.15	ng	0.00
5) Phenol-d6	6.98	99	292	0.10	ng	0.00
8) Nitrobenzene-d5	8.98	82	1081	0.36	ng	0.01
11) 2-Methylnaphthalene-d10	12.21	152	1875	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	543	0.31	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	4320	0.47	ng	0.00
25) Fluoranthene-d10	19.25	212	35119	0.33	ng	0.00
29) Terphenyl-d14	19.84	244	9339	0.57	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.27	88	1798	1.395	ng	Qvalue 94
3) n-Nitrosodimethylamine	3.62	42	23	0.031	ng	# 100
22) Pentachlorophenol	16.89	266	27	0.313	ng	84
32) Bis(2-ethylhexyl)phthalate	21.29	149	2668	0.068	ng	# 98

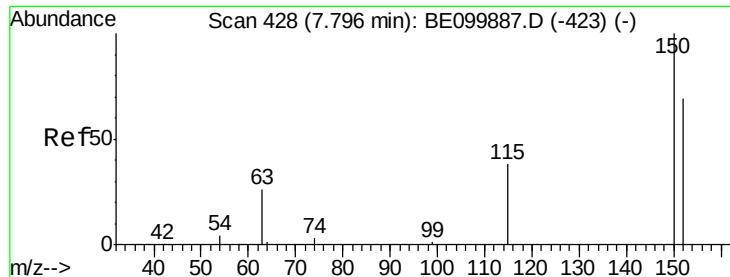
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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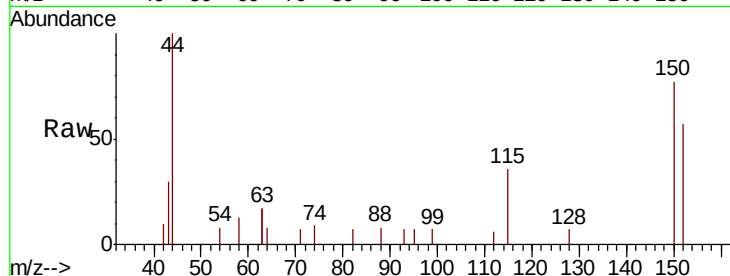


#1

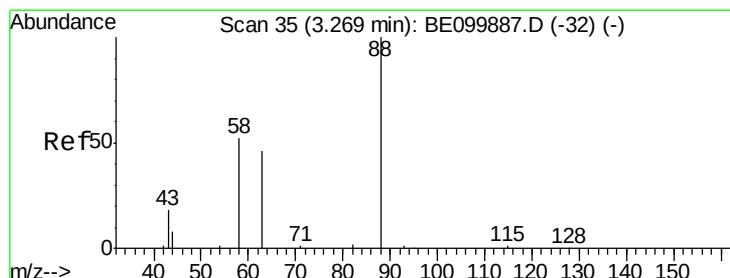
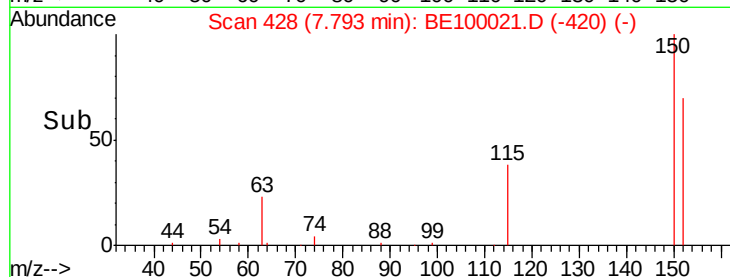
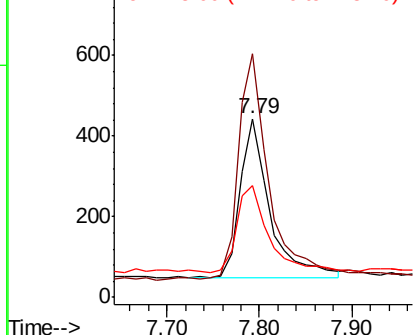
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.79 min Scan# 428
 Delta R.T. -0.00 min
 Lab File: BE100021.D
 Acq: 14 Jun 2019 13:55

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW306D-20190609

Tgt Ion: 152 Resp: 871
 Ion Ratio Lower Upper
 152 100
 150 136.3 111.0 166.6
 115 63.0 50.7 76.1



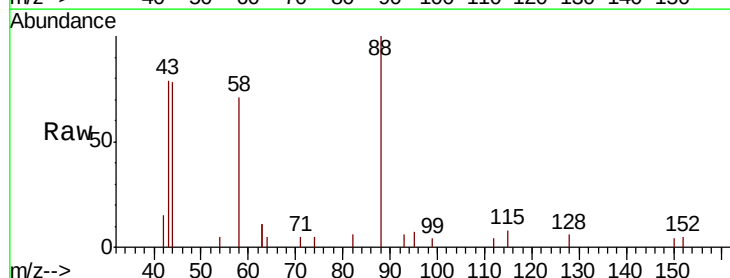
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



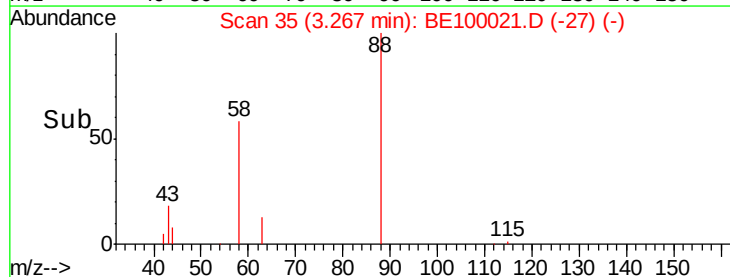
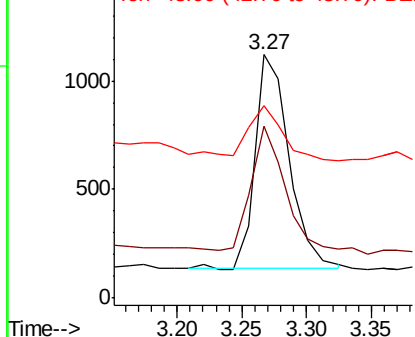
#2

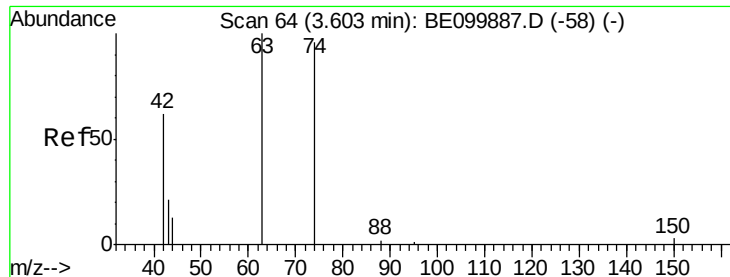
1,4-Dioxane
 Concen: 1.395 ng
 RT: 3.27 min Scan# 35
 Delta R.T. -0.00 min
 Lab File: BE100021.D
 Acq: 14 Jun 2019 13:55

Tgt Ion: 88 Resp: 1798
 Ion Ratio Lower Upper
 88 100
 58 56.2 48.8 73.2
 43 25.5 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: 0.031 ng

RT: 3.62 min Scan# 66

Delta R.T. 0.02 min

Lab File: BE100021.D

Acq: 14 Jun 2019 13:55

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW306D-20190609

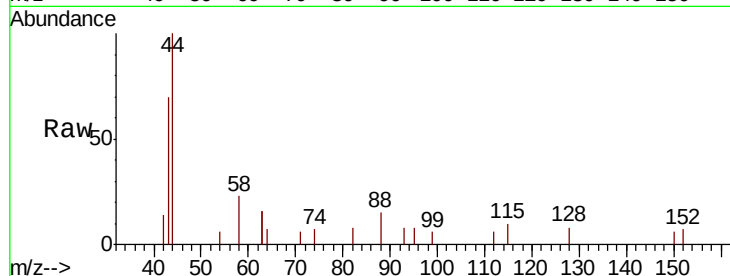
Tgt Ion: 42 Resp: 23

Ion Ratio Lower Upper

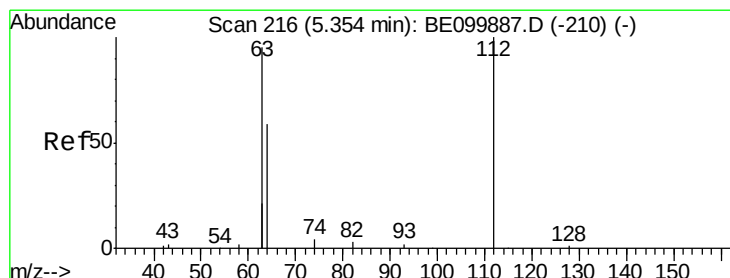
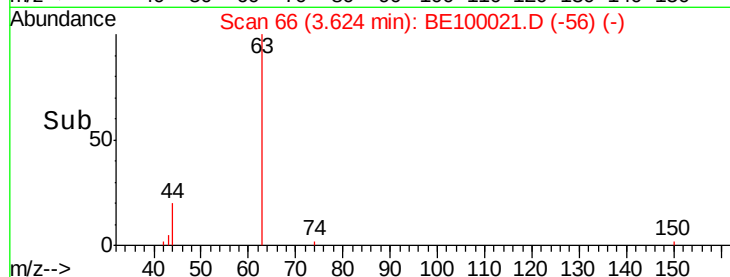
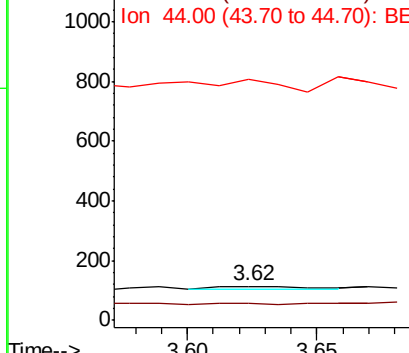
42 100

74 34.8 0.0 0.0#

44 434.8 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: 0.154 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.01 min

Lab File: BE100021.D

Acq: 14 Jun 2019 13:55

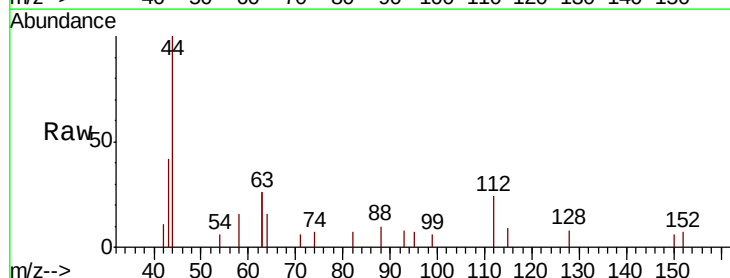
Tgt Ion: 112 Resp: 362

Ion Ratio Lower Upper

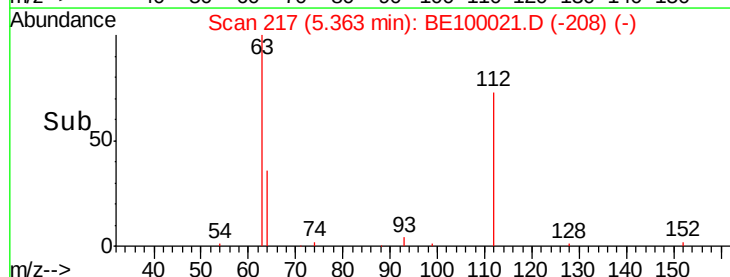
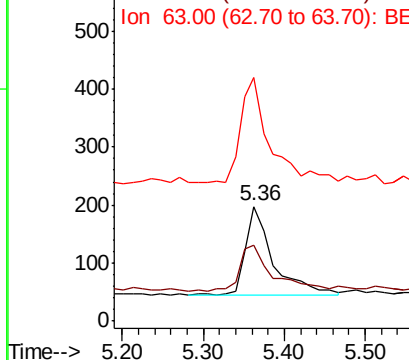
112 100

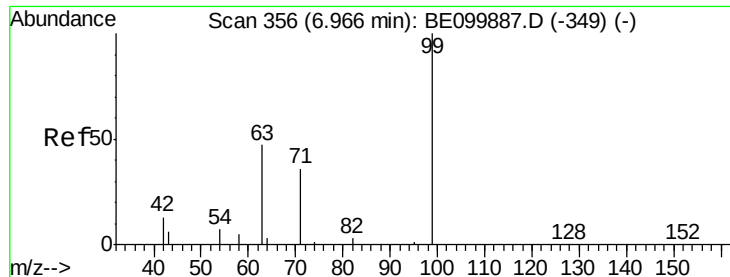
64 59.9 44.1 66.1

63 120.2 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: 0.096 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.01 min

Lab File: BE100021.D

Acq: 14 Jun 2019 13:55

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW306D-20190609

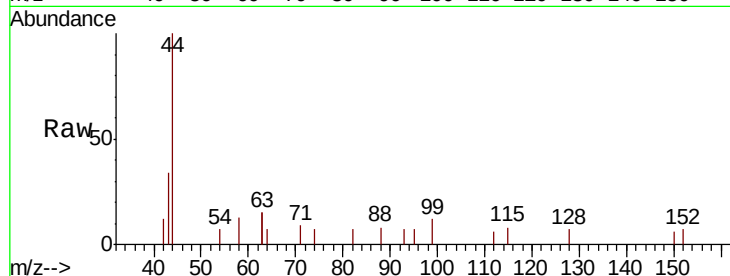
Tgt Ion: 99 Resp: 292

Ion Ratio Lower Upper

99 100

42 0.0 15.9 23.9#

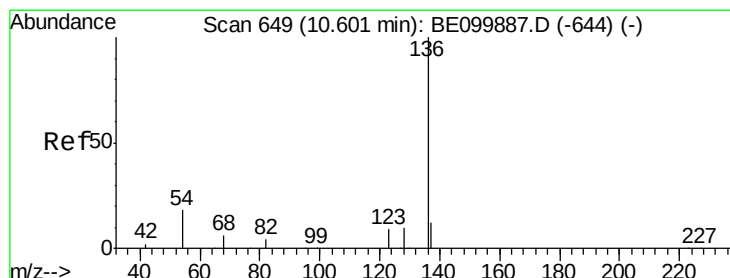
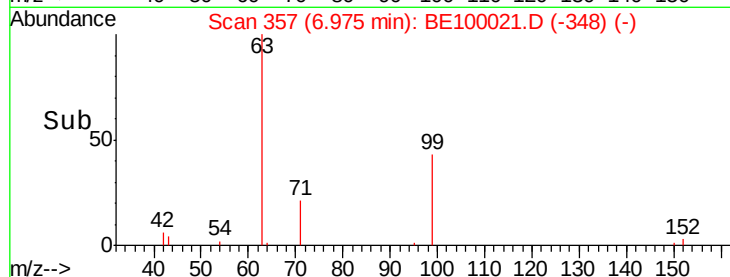
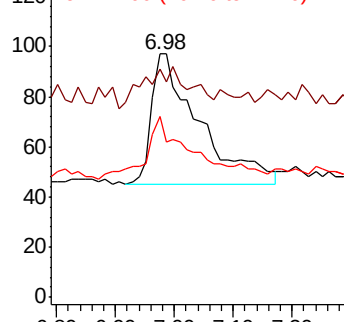
71 35.6 34.6 52.0



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: BE100021.D

Acq: 14 Jun 2019 13:55

Tgt Ion: 136 Resp: 3181

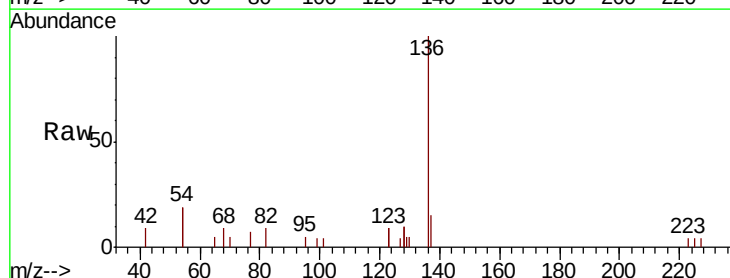
Ion Ratio Lower Upper

136 100

137 14.6 12.3 18.5

54 38.9 28.2 42.4

68 9.4 7.8 11.8

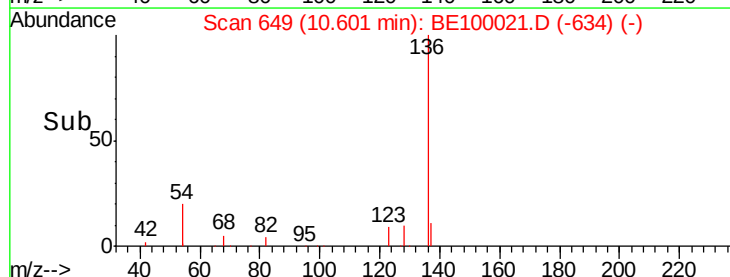
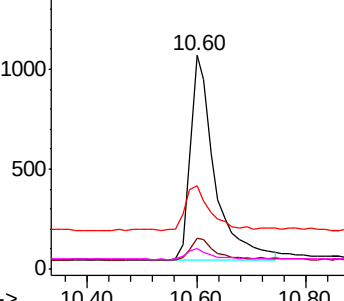


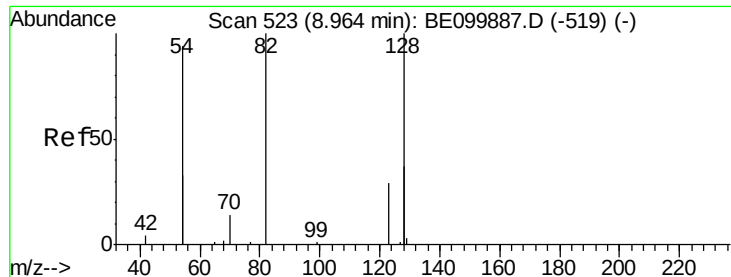
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1





#8

Nitrobenzene-d5

Concen: 0.359 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE100021.D

Acq: 14 Jun 2019 13:55

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW306D-20190609

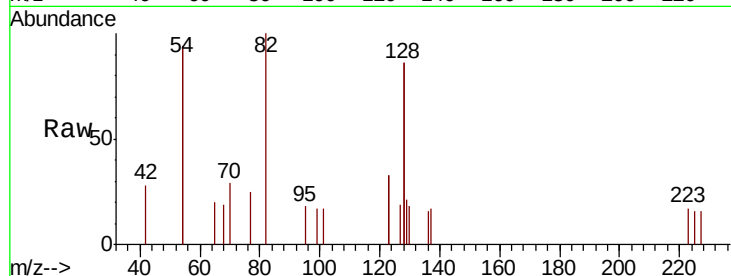
Tgt Ion: 82 Resp: 1081

Ion Ratio Lower Upper

82 100

128 172.5 137.3 205.9

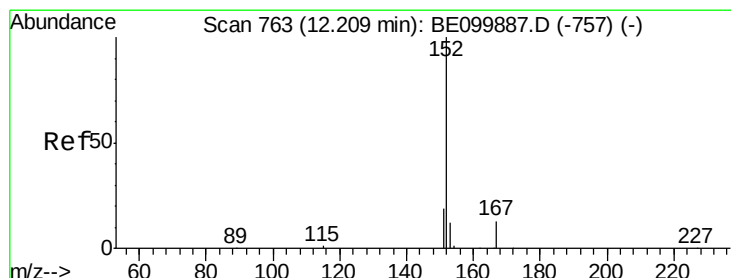
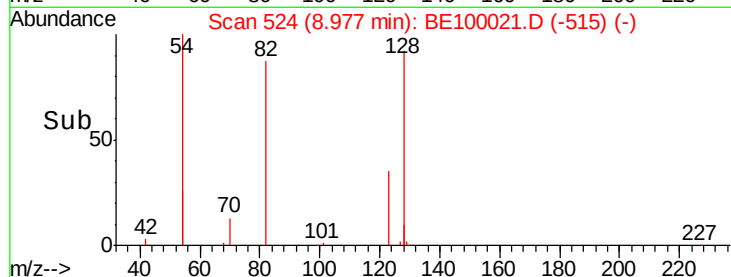
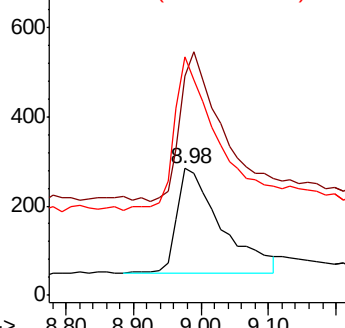
54 187.3 129.7 194.5



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: 0.338 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.00 min

Lab File: BE100021.D

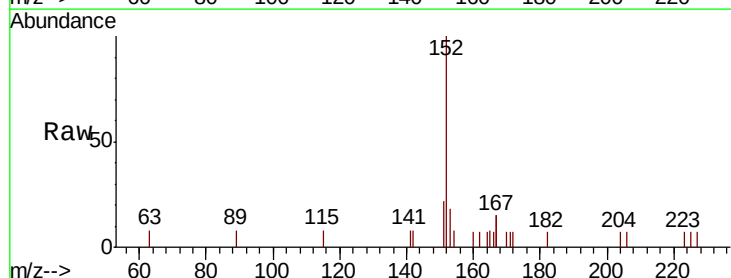
Acq: 14 Jun 2019 13:55

Tgt Ion: 152 Resp: 1875

Ion Ratio Lower Upper

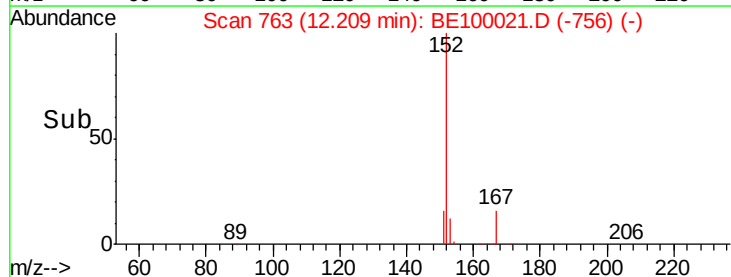
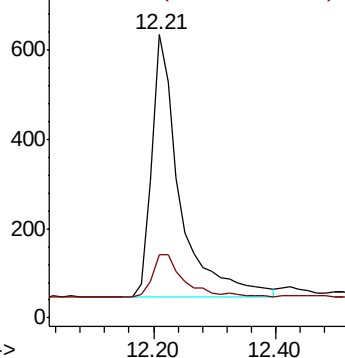
152 100

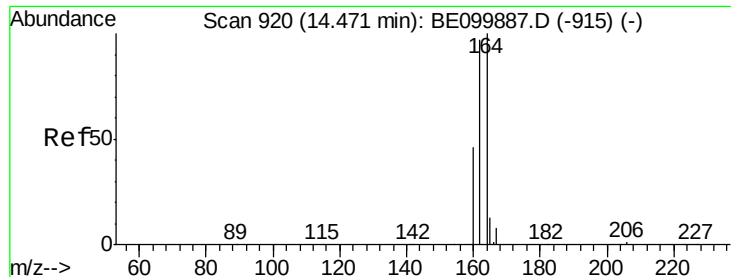
151 18.8 15.2 22.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

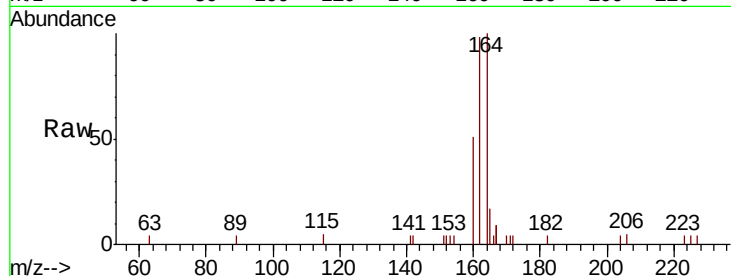




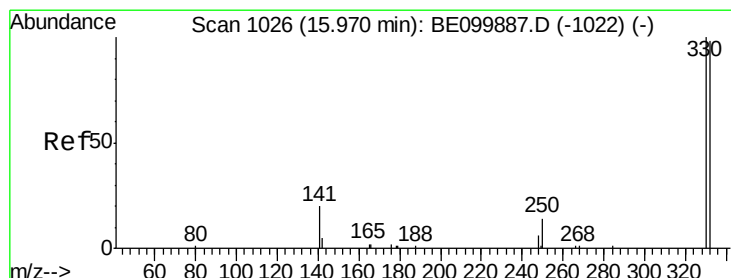
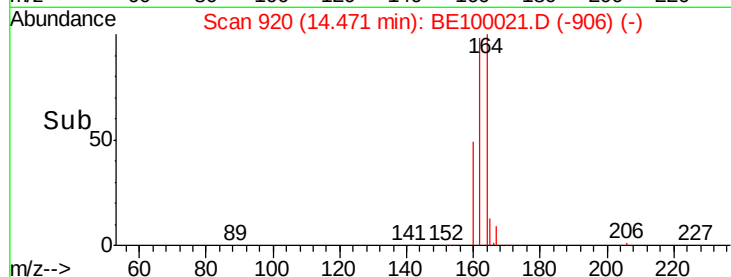
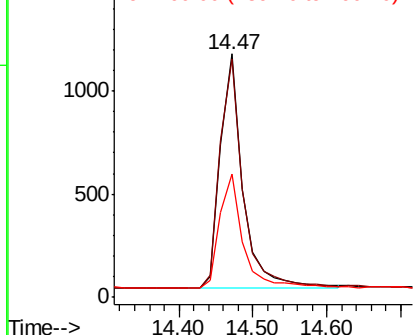
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. 0.00 min
Lab File: BE100021.D
Acq: 14 Jun 2019 13:55

Instrument :
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ClientSampleId :
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Tgt Ion:164 Resp: 2407
Ion Ratio Lower Upper
164 100
162 97.8 77.8 116.8
160 50.9 38.2 57.4

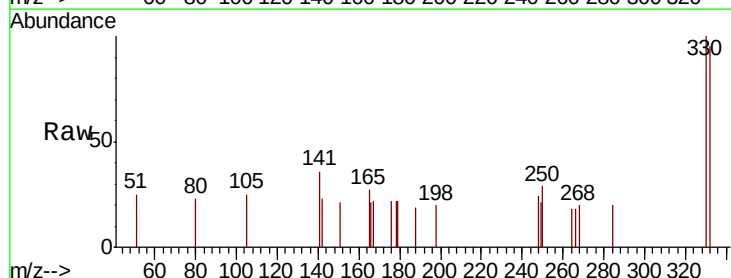


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

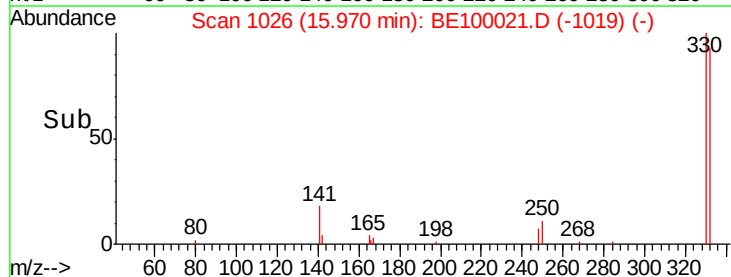
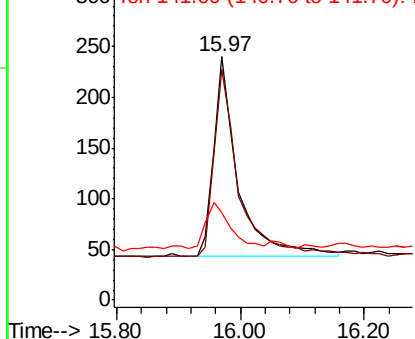


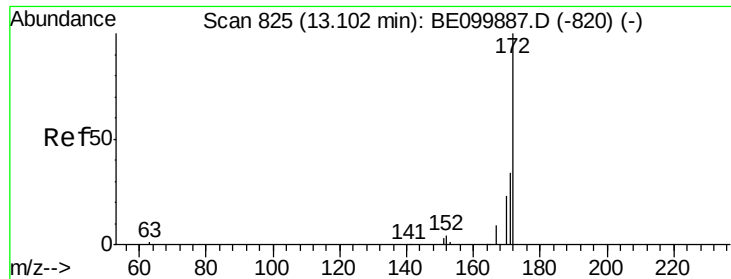
#14
2,4,6-Tribromophenol
Concen: 0.305 ng
RT: 15.97 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BE100021.D
Acq: 14 Jun 2019 13:55

Tgt Ion:330 Resp: 543
Ion Ratio Lower Upper
330 100
332 96.9 76.7 115.1
141 22.5 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

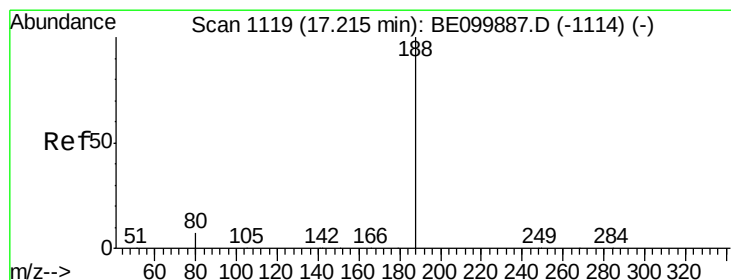
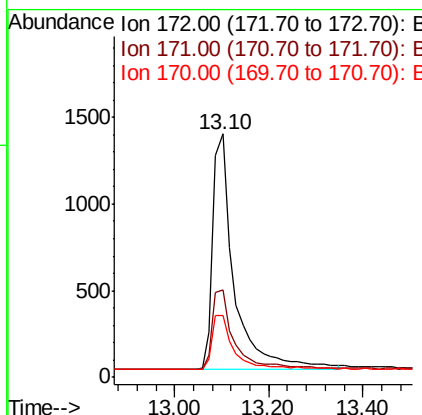
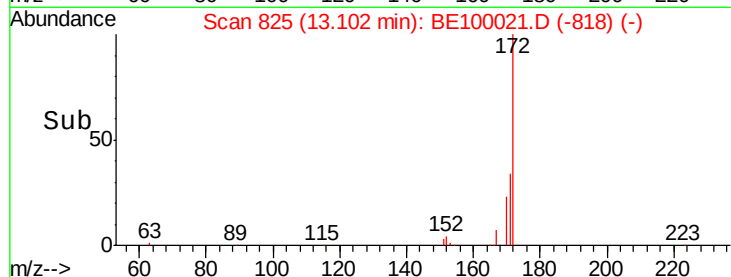
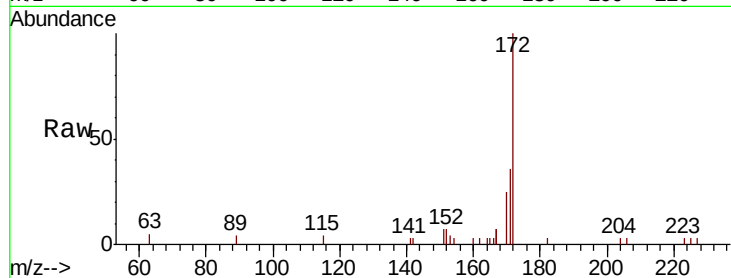




#15
2-Fluorobiphenyl
Concen: 0.473 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE100021.D
Acq: 14 Jun 2019 13:55

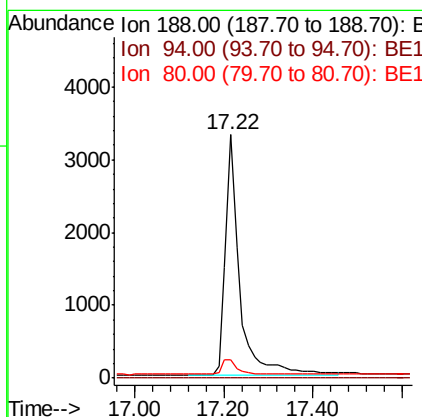
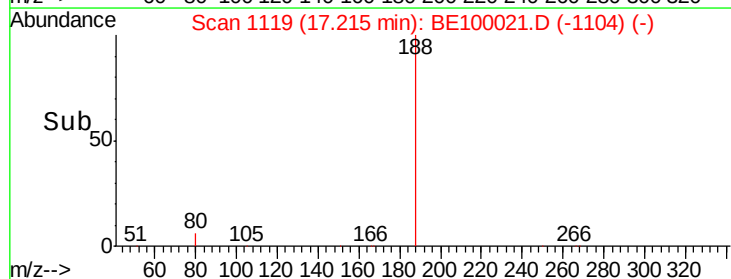
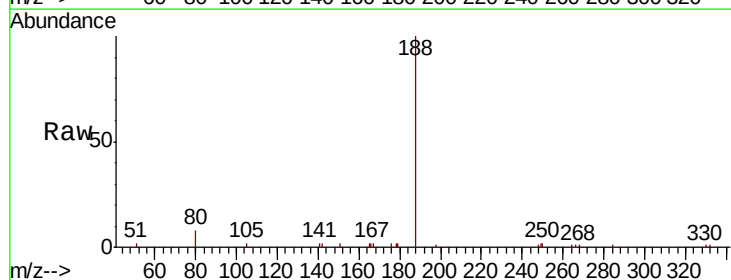
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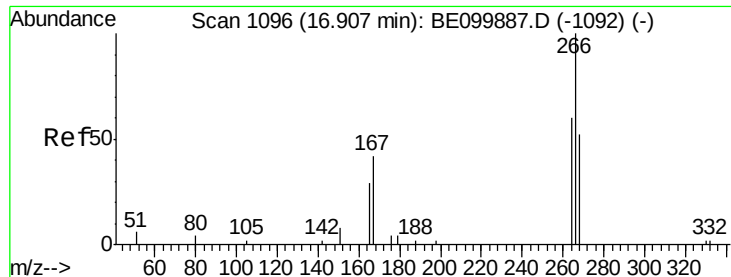
Tgt Ion:172 Resp: 4320
Ion Ratio Lower Upper
172 100
171 35.8 29.2 43.8
170 25.3 21.2 31.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.22 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BE100021.D
Acq: 14 Jun 2019 13:55

Tgt Ion:188 Resp: 7223
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.5 6.4 9.6





#22

Pentachlorophenol

Concen: 0.313 ng

RT: 16.89 min Scan# 1095

Delta R.T. -0.01 min

Lab File: BE100021.D

Acq: 14 Jun 2019 13:55

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW306D-20190609

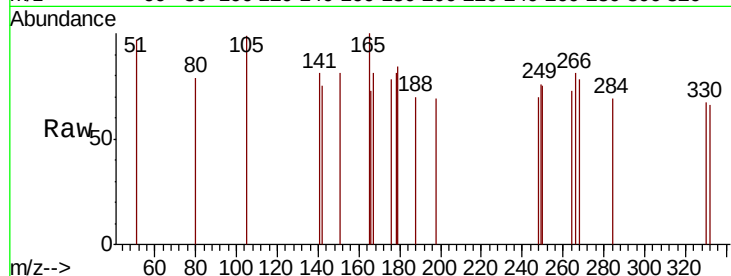
Tgt Ion:266 Resp: 27

Ion Ratio Lower Upper

266 100

264 90.7 62.2 93.2

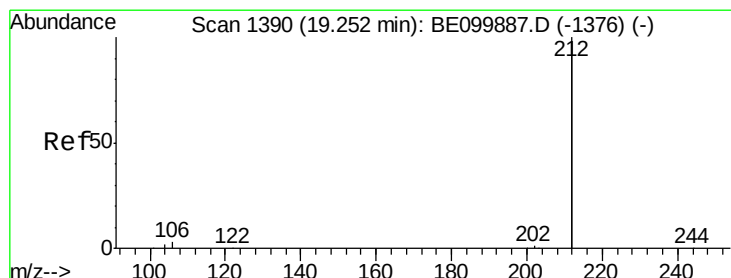
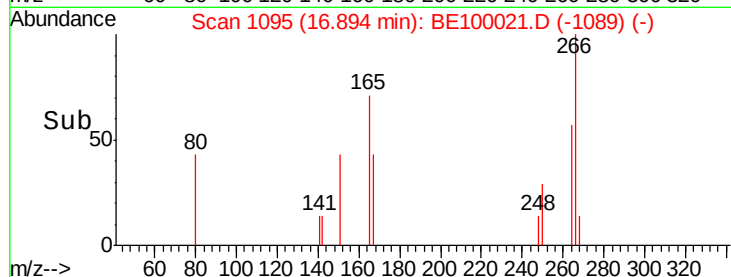
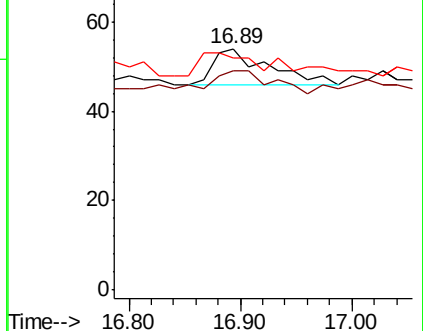
268 96.3 65.5 98.3



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: 0.334 ng

RT: 19.25 min Scan# 1389

Delta R.T. -0.00 min

Lab File: BE100021.D

Acq: 14 Jun 2019 13:55

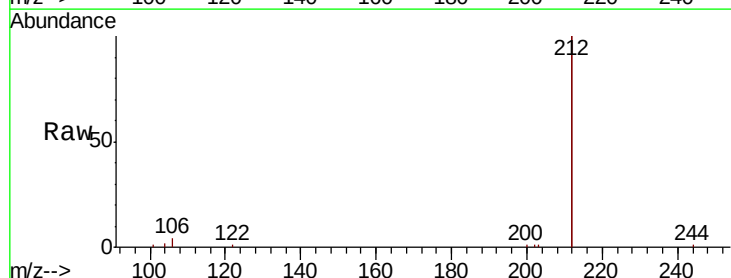
Tgt Ion:212 Resp: 35119

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.2

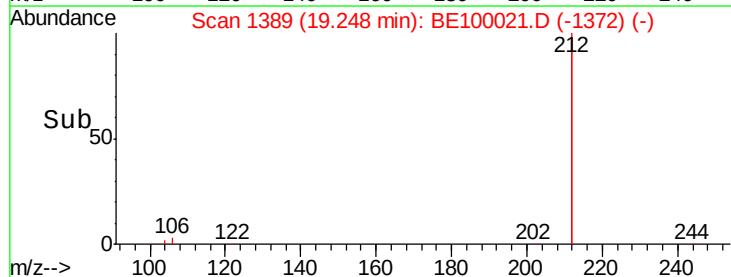
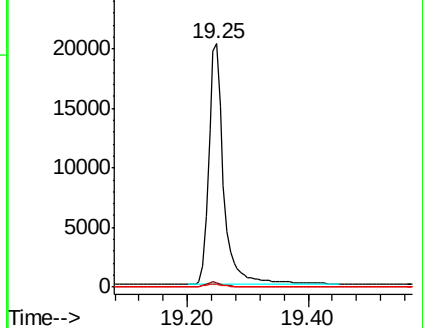
104 0.9 0.9 1.3

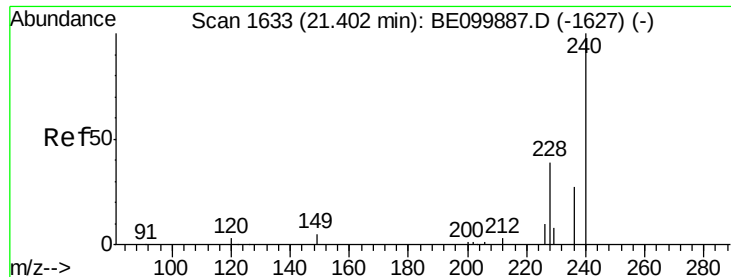


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

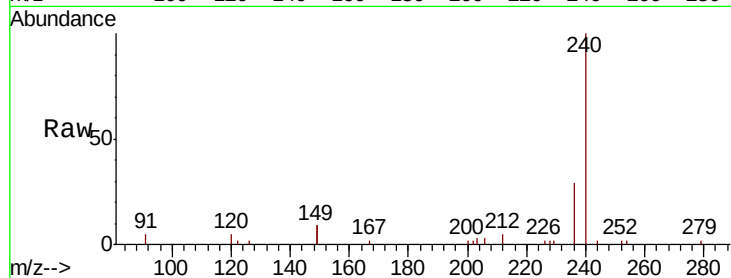




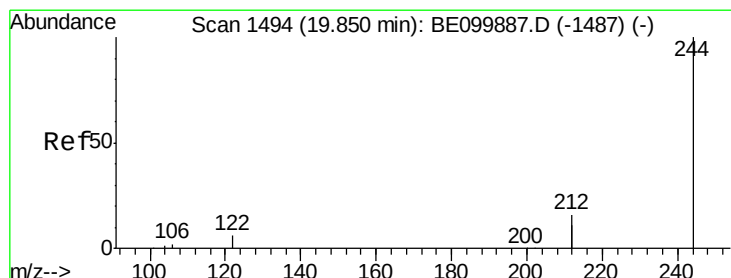
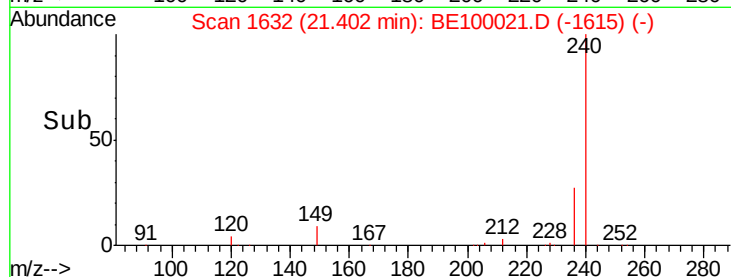
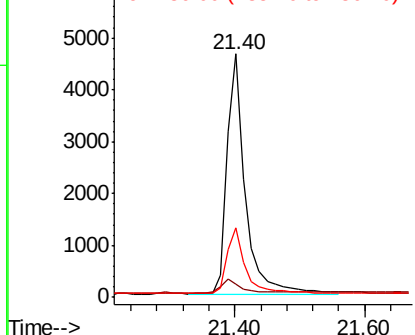
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BE100021.D
Acq: 14 Jun 2019 13:55

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW306D-20190609

Tgt Ion:240 Resp: 9170
Ion Ratio Lower Upper
240 100
120 5.4 3.8 5.6
236 28.5 22.0 33.0

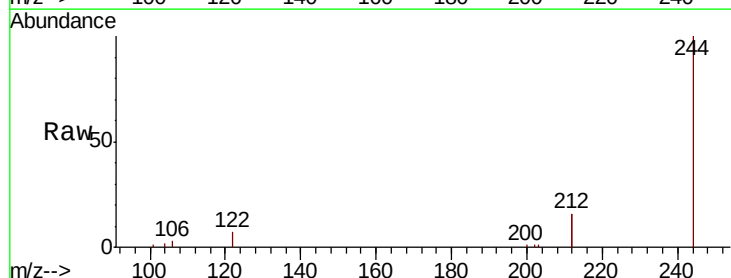


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

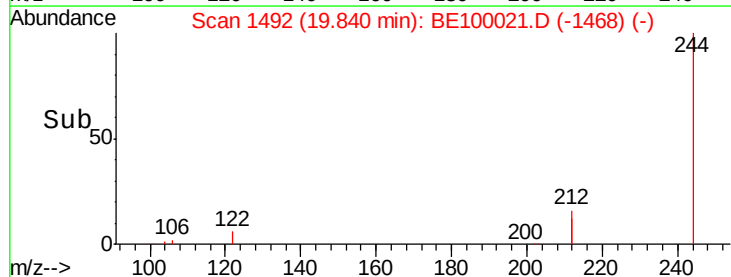
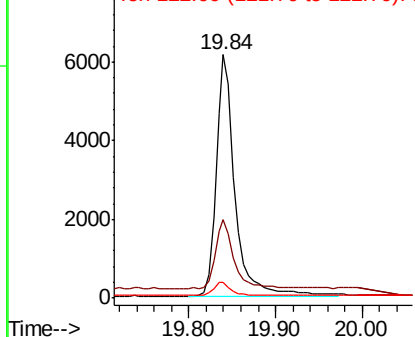


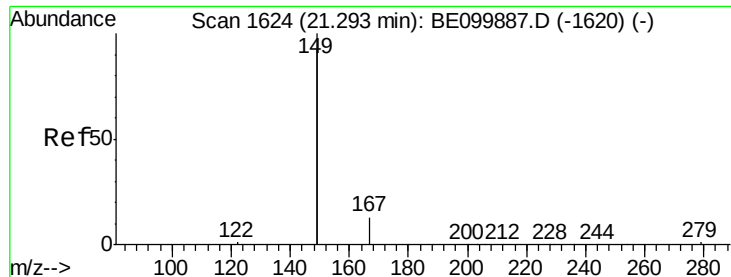
#29
Terphenyl-d14
Concen: 0.566 ng
RT: 19.84 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BE100021.D
Acq: 14 Jun 2019 13:55

Tgt Ion:244 Resp: 9339
Ion Ratio Lower Upper
244 100
212 32.3 25.7 38.5
122 6.5 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

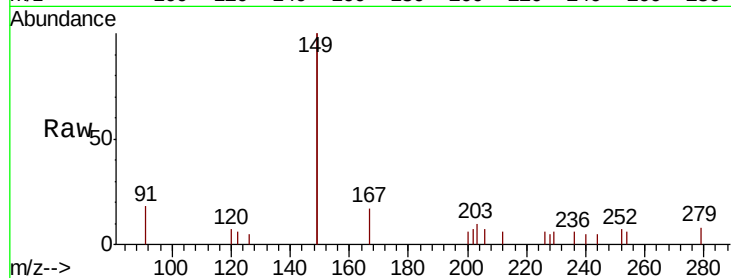




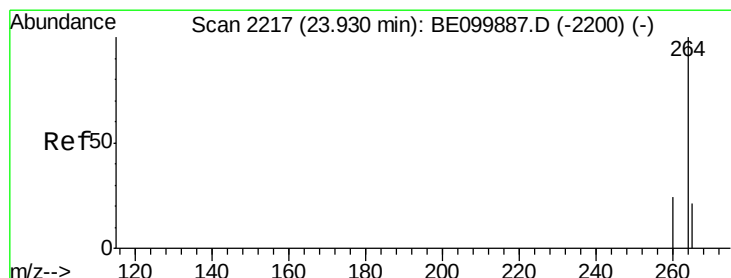
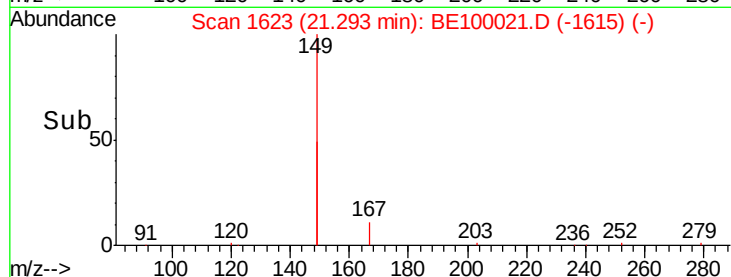
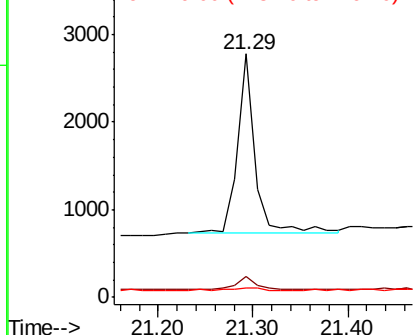
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.068 ng
 RT: 21.29 min Scan# 1623
 Delta R.T. -0.00 min
 Lab File: BE100021.D
 Acq: 14 Jun 2019 13:55

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW306D-20190609

Tgt Ion:149 Resp: 2668
 Ion Ratio Lower Upper
 149 100
 167 8.1 5.9 8.9
 279 2.0 1.2 1.8#

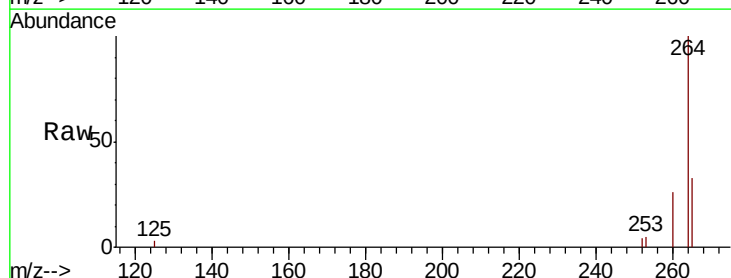


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.93 min Scan# 2216
 Delta R.T. -0.00 min
 Lab File: BE100021.D
 Acq: 14 Jun 2019 13:55

Tgt Ion:264 Resp: 10484
 Ion Ratio Lower Upper
 264 100
 260 25.8 20.2 30.2
 265 32.5 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

