

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE060619\
 Data File : BE099833.D
 Acq On : 6 Jun 2019 22:02
 Operator : JU/SJ
 Sample : K3190-14
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW304D-20190604

Quant Time: Jun 07 02:07:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE060519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 05 14:35:58 2019
 Response via : Initial Calibration

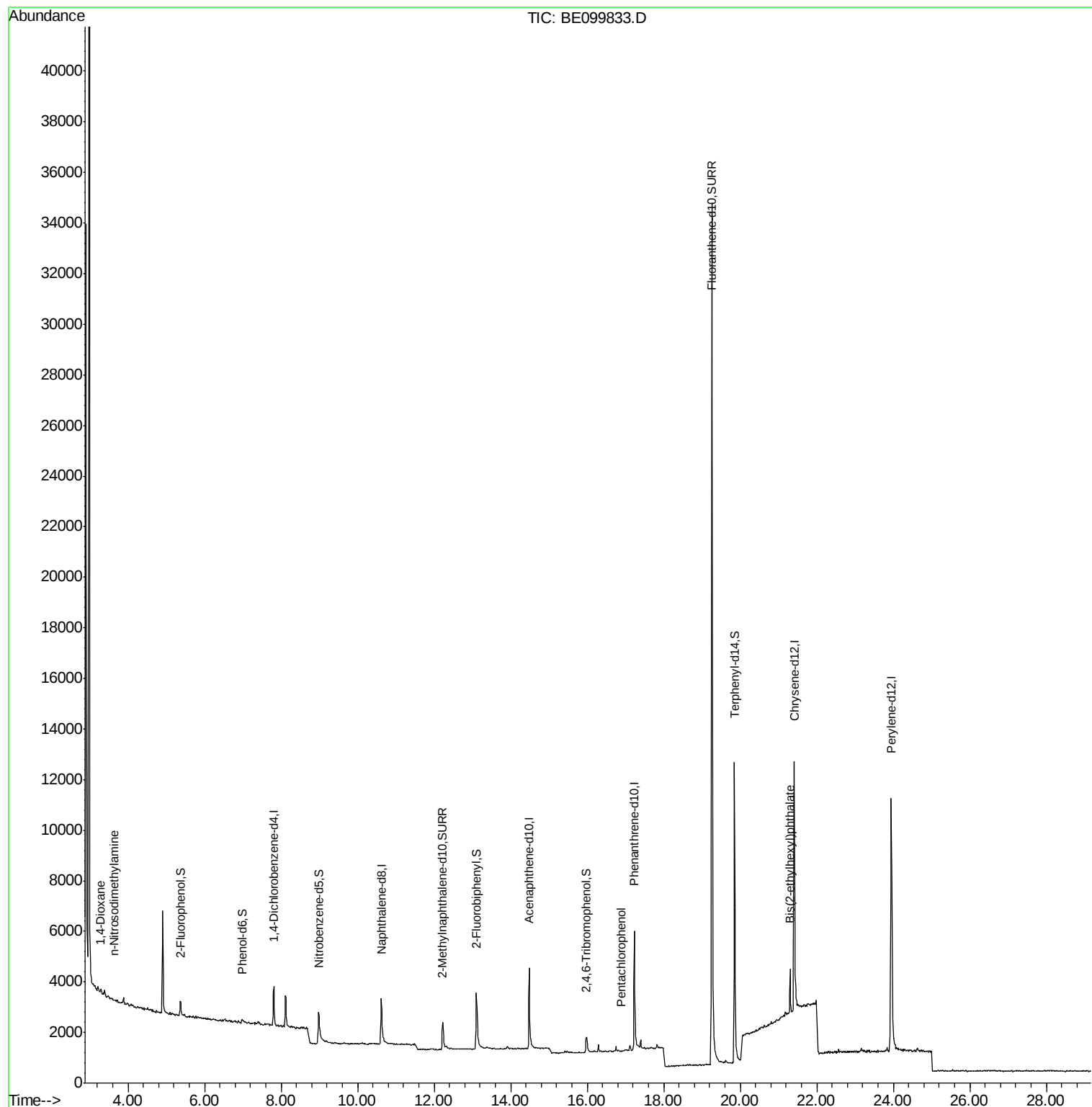
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	992	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	3382	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	2574	0.40	ng	0.01
19) Phenanthrene-d10	17.23	188	9211	0.40	ng	0.00
27) Chrysene-d12	21.42	240	15340	0.40	ng	0.00
34) Perylene-d12	23.95	264	17974	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	431	0.18	ng	0.01
5) Phenol-d6	6.97	99	322	0.10	ng	0.01
8) Nitrobenzene-d5	8.98	82	1144	0.39	ng	0.01
11) 2-Methylnaphthalene-d10	12.22	152	2283	0.39	ng	0.01
14) 2,4,6-Tribromophenol	15.98	330	692	0.48	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	3677	0.38	ng	0.00
25) Fluoranthene-d10	19.26	212	57299	0.42	ng	0.00
29) Terphenyl-d14	19.85	244	13447	0.53	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	180	0.125	ng	# 30
3) n-Nitrosodimethylamine	3.63	42	28	0.037	ng	# 1
22) Pentachlorophenol	16.88	266	10	0.285	ng	# 88
32) Bis(2-ethylhexyl)phthalate	21.31	149	2153	0.044	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: 7.80 min Scan# 429

Delta R.T. 0.00 min

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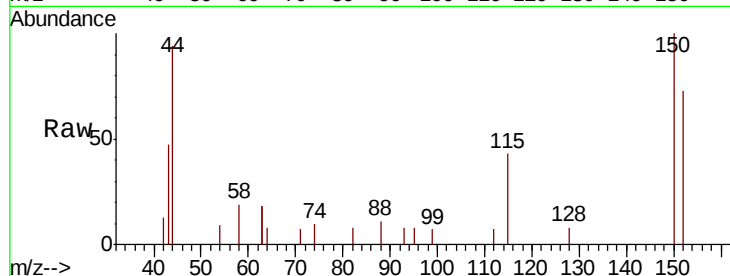
Tgt Ion: 152 Resp: 992

Ion Ratio Lower Upper

152 100

150 136.1 112.8 169.2

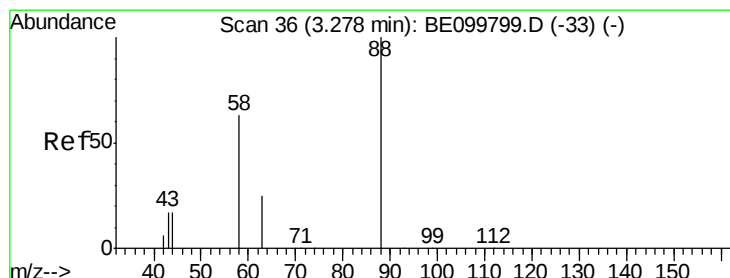
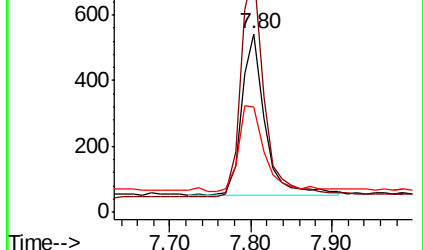
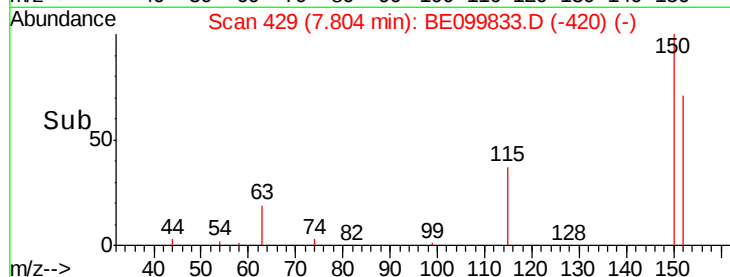
115 59.1 47.6 71.4



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: 0.125 ng

RT: 3.28 min Scan# 36

Delta R.T. 0.00 min

Lab File: BE099833.D

Acq: 6 Jun 2019 22:02

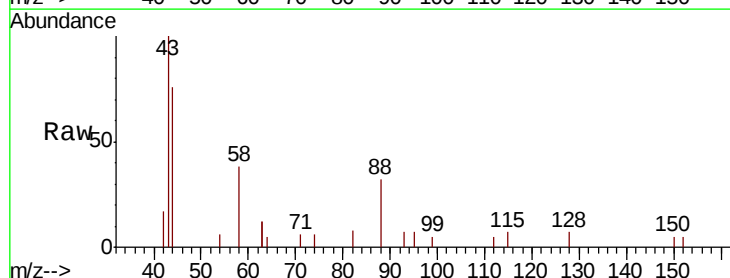
Tgt Ion: 88 Resp: 180

Ion Ratio Lower Upper

88 100

58 102.8 47.3 70.9#

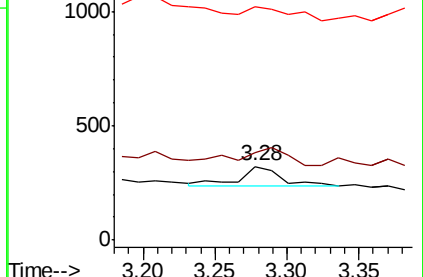
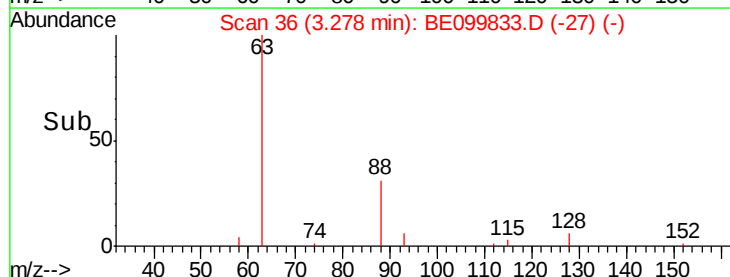
43 72.2 18.2 27.4#

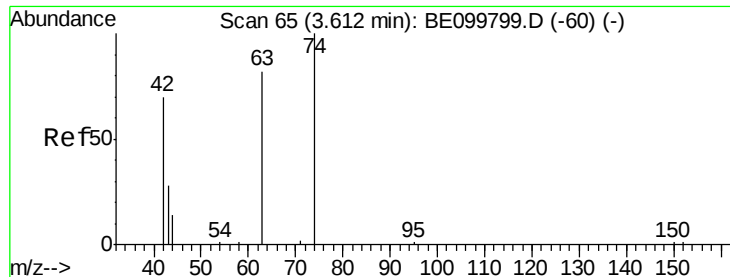


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.037 ng

RT: 3.63 min Scan# 67

Delta R.T. 0.02 min

Lab File: BE099833.D

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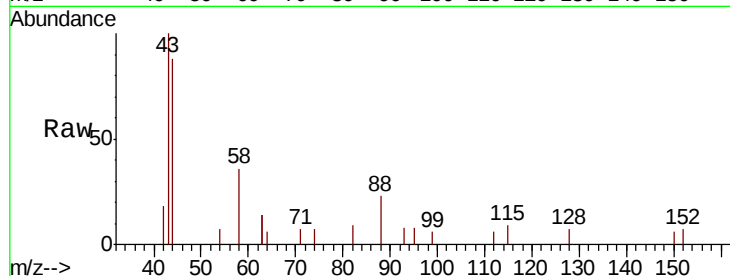
Tgt Ion: 42 Resp: 28

Ion Ratio Lower Upper

42 100

74 0.0 132.6 198.8#

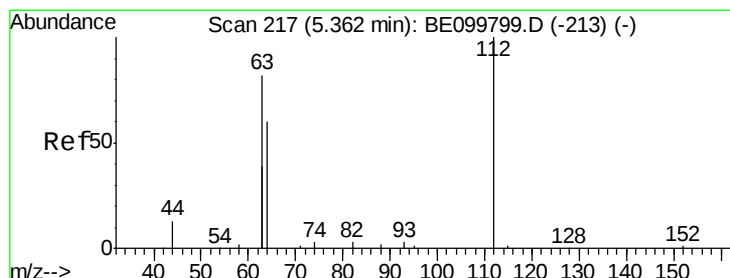
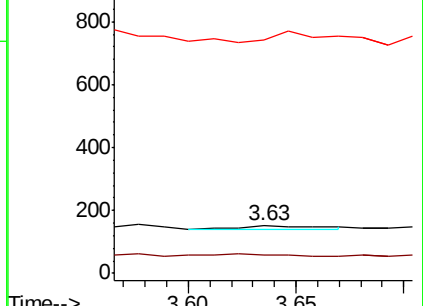
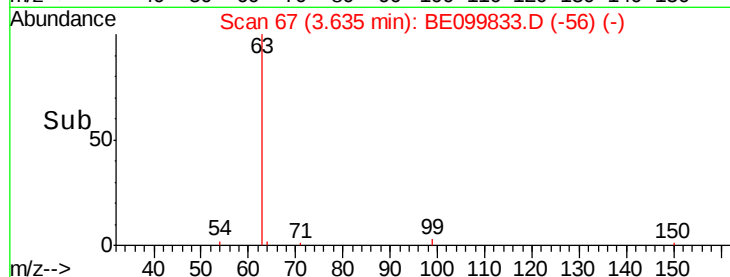
44 146.4 13.4 20.0#



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.178 ng

RT: 5.37 min Scan# 218

Delta R.T. 0.01 min

Lab File: BE099833.D

Acq: 6 Jun 2019 22:02

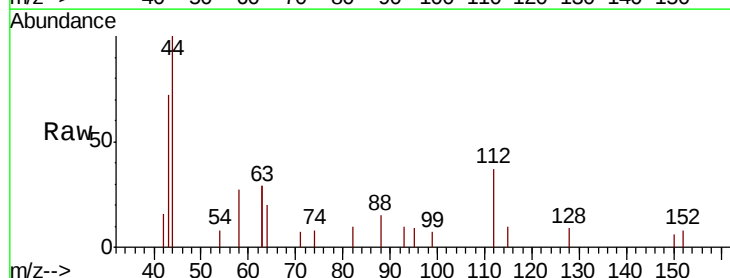
Tgt Ion: 112 Resp: 431

Ion Ratio Lower Upper

112 100

64 55.2 47.2 70.8

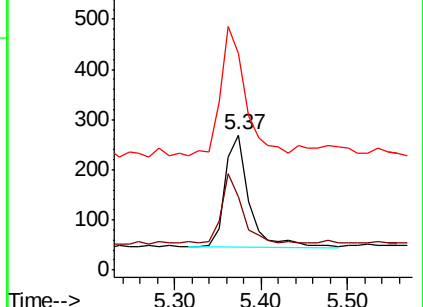
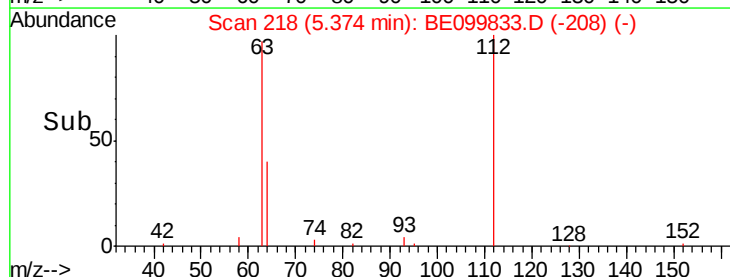
63 119.7 90.7 136.1

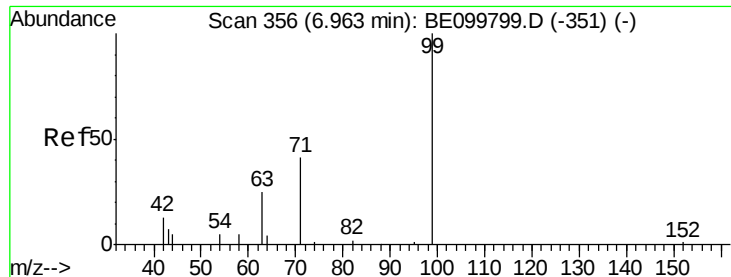


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.104 ng

RT: 6.97 min Scan# 357

Delta R.T. 0.01 min

Lab File: BE099833.D

Acq: 6 Jun 2019 22:02

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BPS1-TT-MW304D-20190604

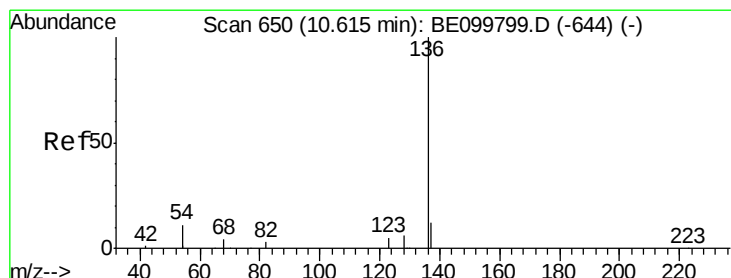
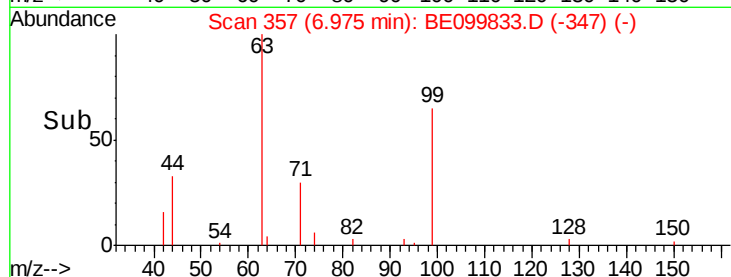
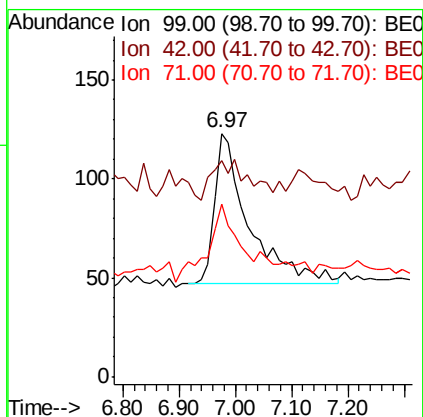
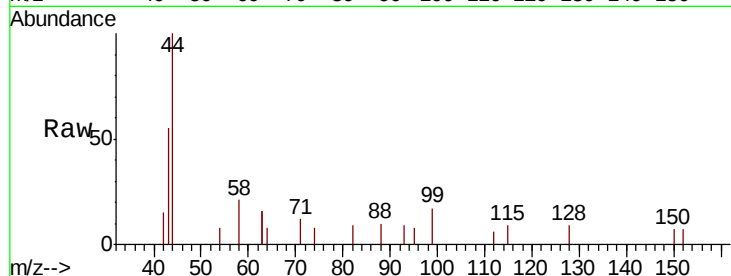
Tgt Ion: 99 Resp: 322

Ion Ratio Lower Upper

99 100

42 0.0 11.0 16.4#

71 44.7 26.1 39.1#



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. -0.00 min

Lab File: BE099833.D

Acq: 6 Jun 2019 22:02

Tgt Ion: 136 Resp: 3382

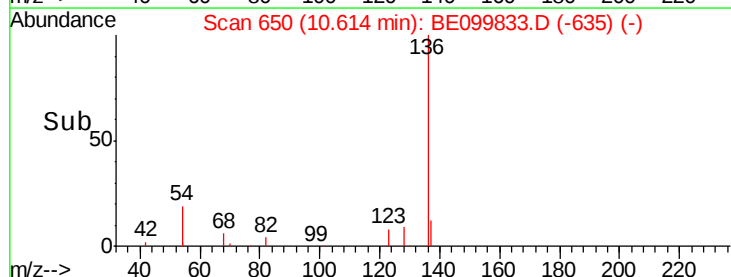
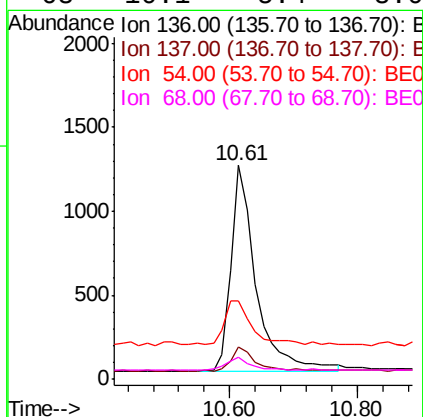
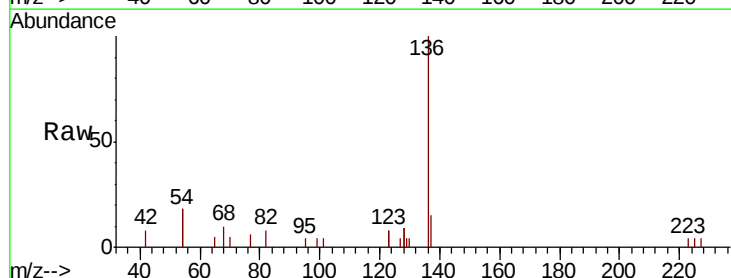
Ion Ratio Lower Upper

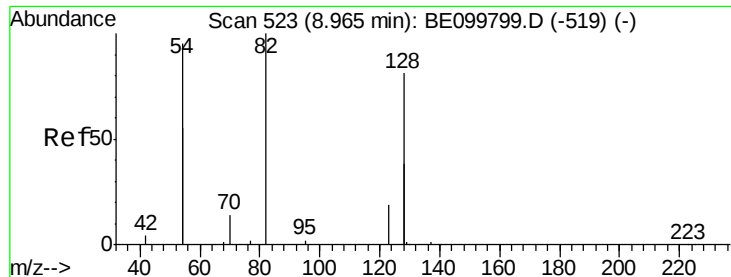
136 100

137 15.2 11.1 16.7

54 36.8 17.9 26.9#

68 10.1 5.4 8.0#

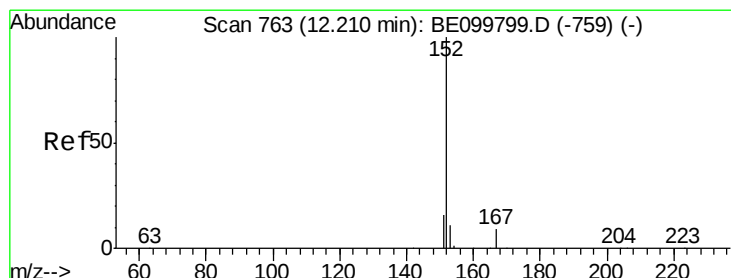
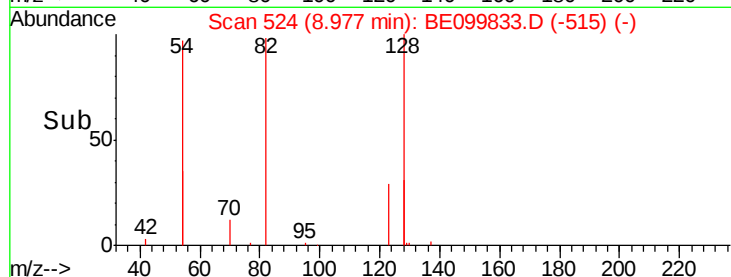
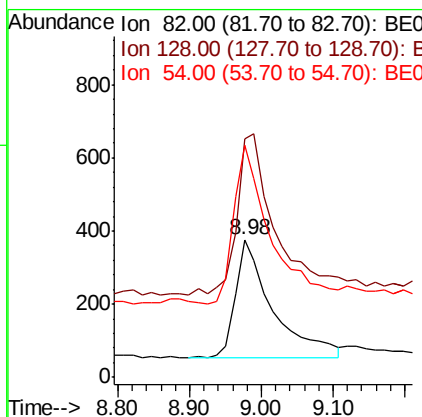
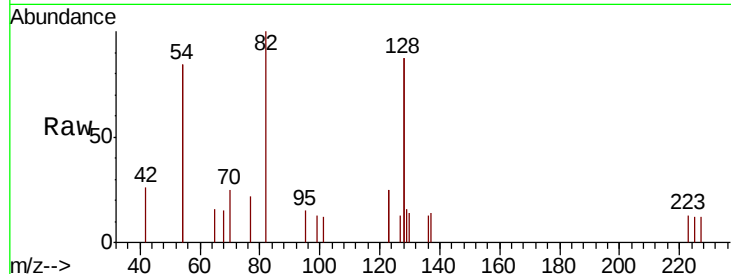




#8
 Nitrobenzene-d5
 Concen: 0.385 ng
 RT: 8.98 min Scan# 524
 Delta R.T. 0.01 min
 Lab File: BE099833.D
 Acq: 6 Jun 2019 22:02

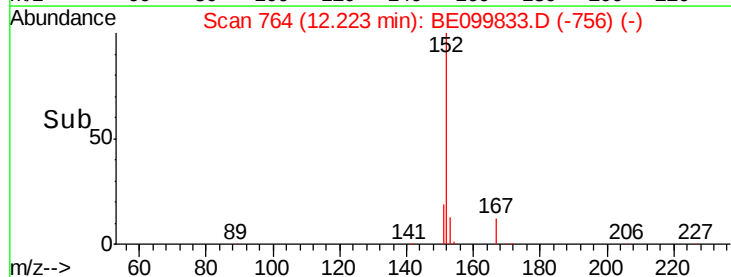
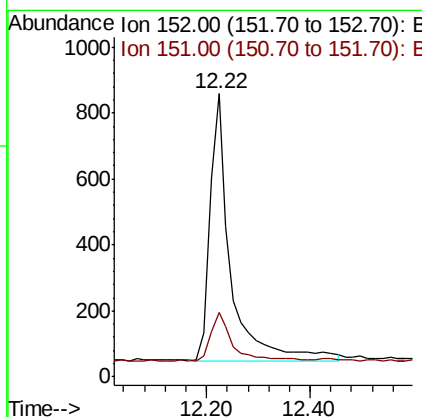
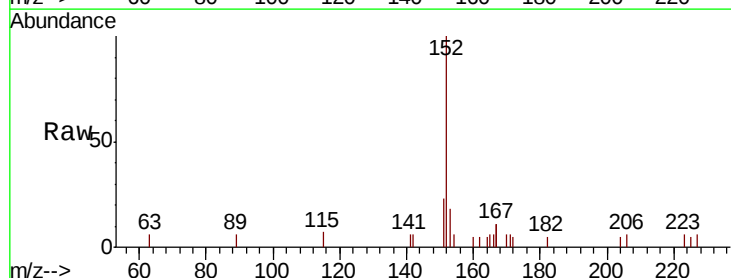
Instrument :
 BNA_E
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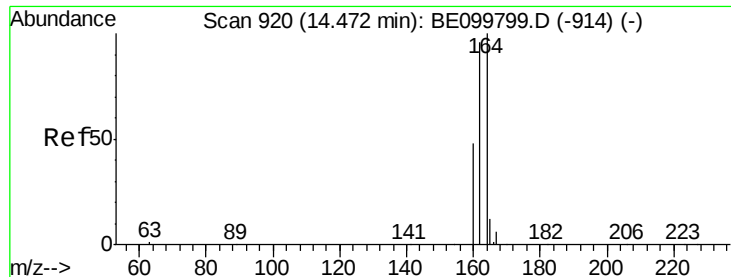
Tgt Ion: 82 Resp: 1144
 Ion Ratio Lower Upper
 82 100
 128 173.4 116.6 175.0
 54 168.6 136.2 204.4



#11
 2-Methylnaphthalene-d10
 Concen: 0.393 ng
 RT: 12.22 min Scan# 764
 Delta R.T. 0.01 min
 Lab File: BE099833.D
 Acq: 6 Jun 2019 22:02

Tgt Ion: 152 Resp: 2283
 Ion Ratio Lower Upper
 152 100
 151 19.3 15.8 23.8

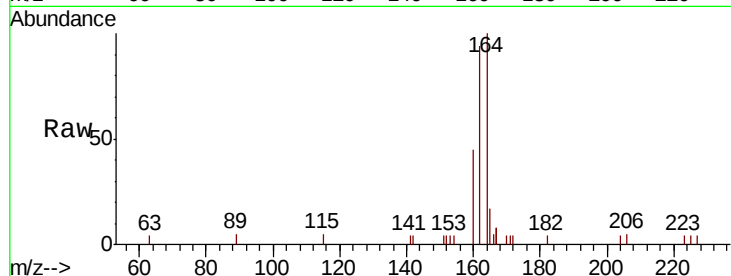




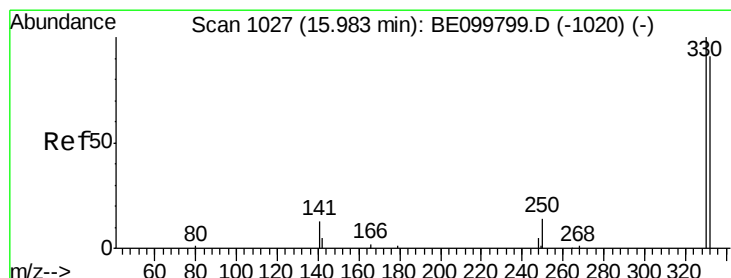
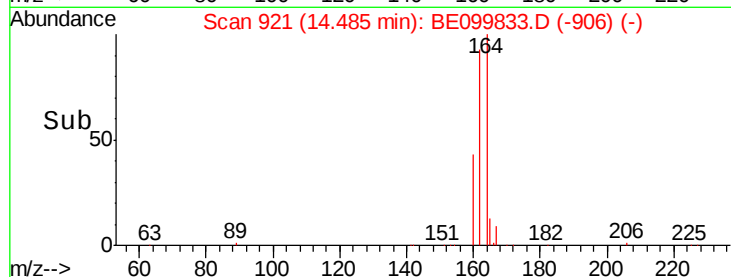
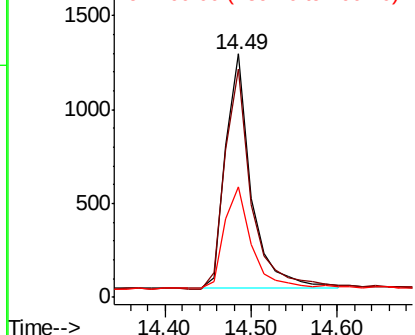
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. 0.01 min
Lab File: BE099833.D
Acq: 6 Jun 2019 22:02

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW304D-20190604

Tgt Ion:164 Resp: 2574
Ion Ratio Lower Upper
164 100
162 93.7 77.2 115.8
160 45.3 39.4 59.2

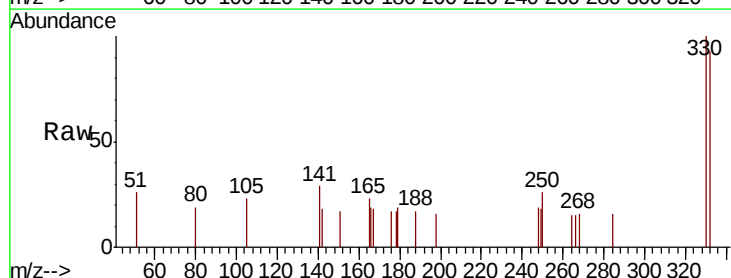


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

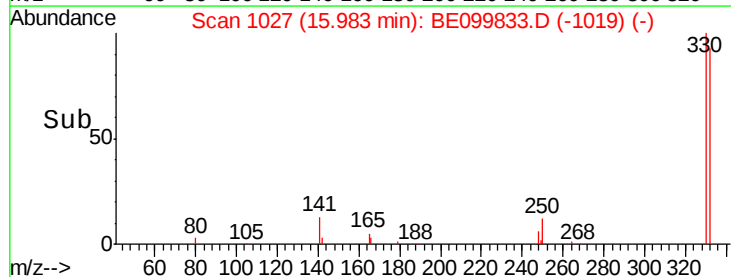
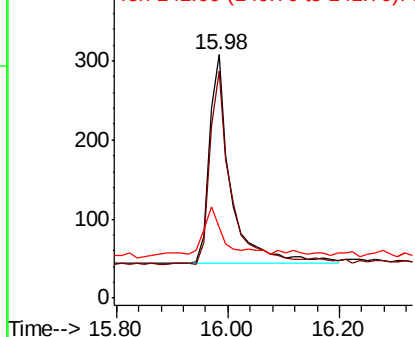


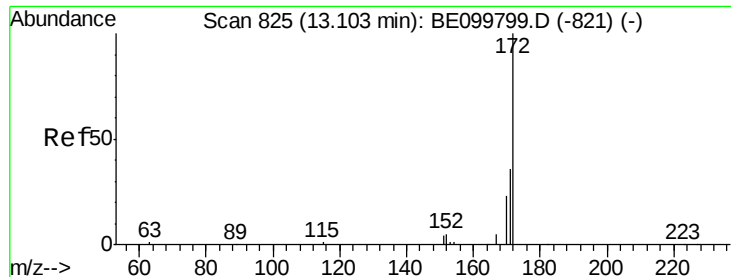
#14
2,4,6-Tribromophenol
Concen: 0.484 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BE099833.D
Acq: 6 Jun 2019 22:02

Tgt Ion:330 Resp: 692
Ion Ratio Lower Upper
330 100
332 92.9 74.9 112.3
141 20.4 16.0 24.0



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

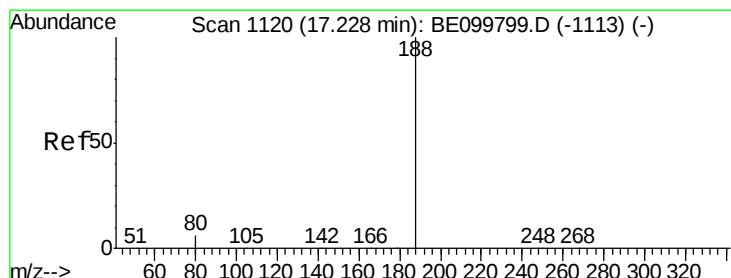
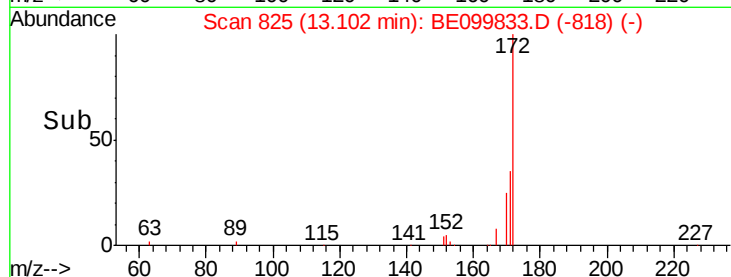
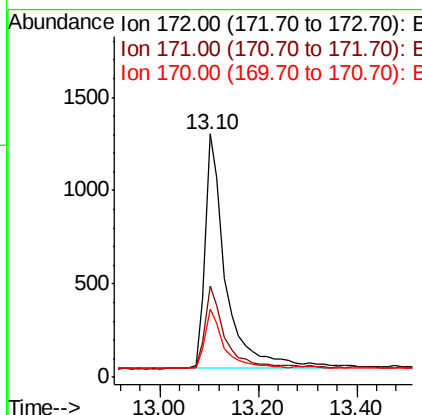
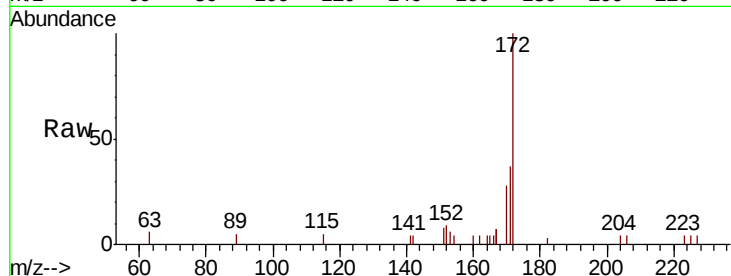




#15
2-Fluorobiphenyl
Concen: 0.384 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099833.D
Acq: 6 Jun 2019 22:02

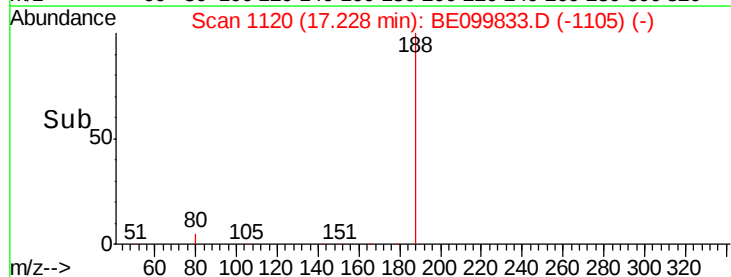
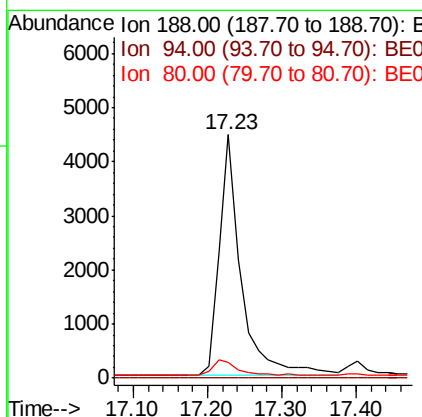
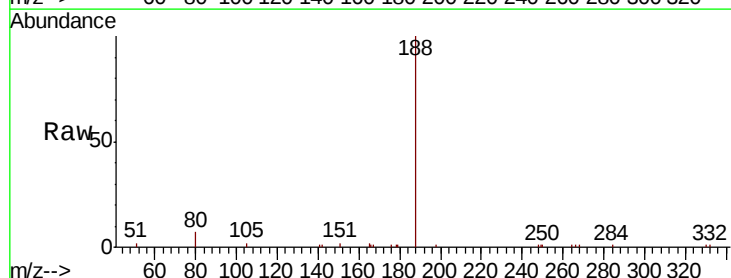
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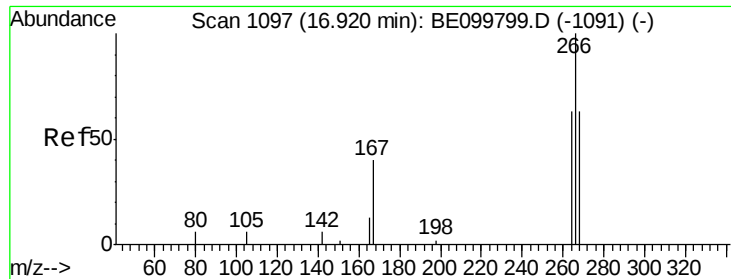
Tgt Ion:172 Resp: 3677
Ion Ratio Lower Upper
172 100
171 37.4 30.2 45.4
170 28.1 20.1 30.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE099833.D
Acq: 6 Jun 2019 22:02

Tgt Ion:188 Resp: 9211
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.6 5.2 7.8

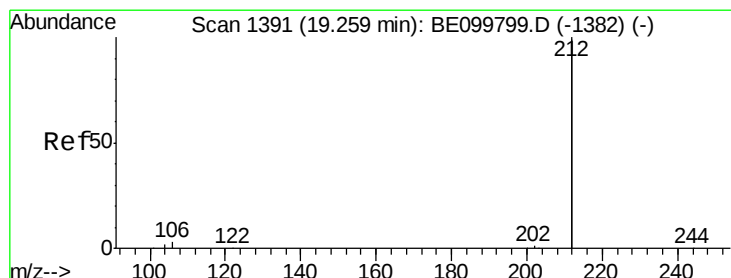
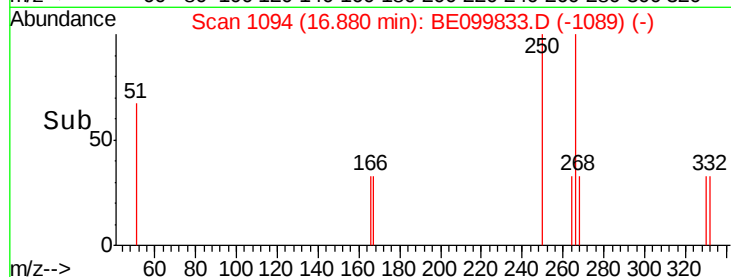
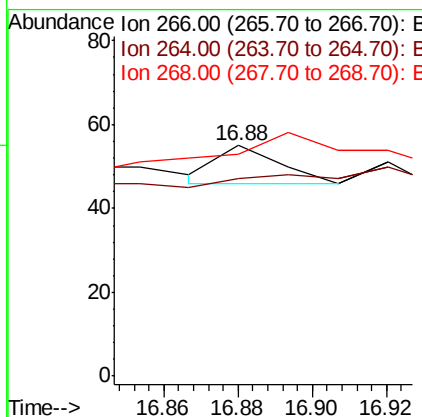
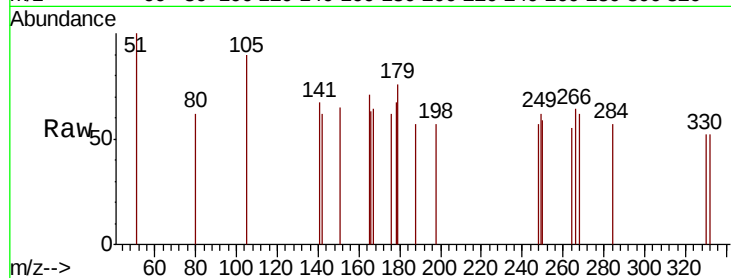




#22
 Pentachlorophenol
 Concen: 0.285 ng
 RT: 16.88 min Scan# 1094
 Delta R.T. -0.04 min
 Lab File: BE099833.D
 Acq: 6 Jun 2019 22:02

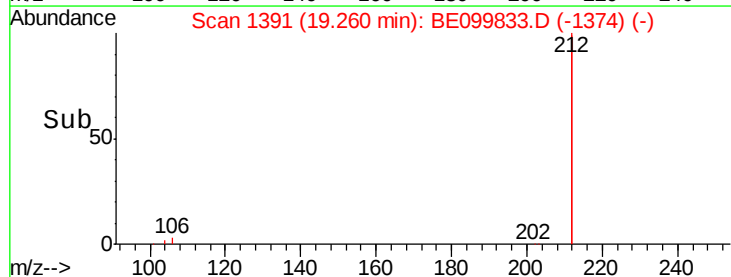
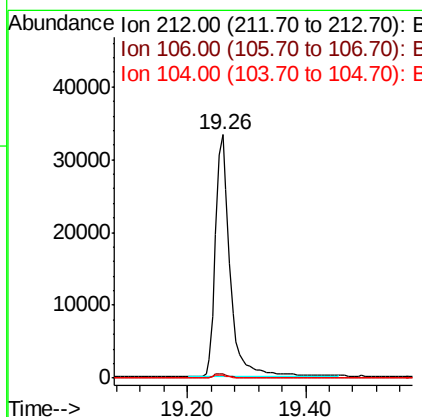
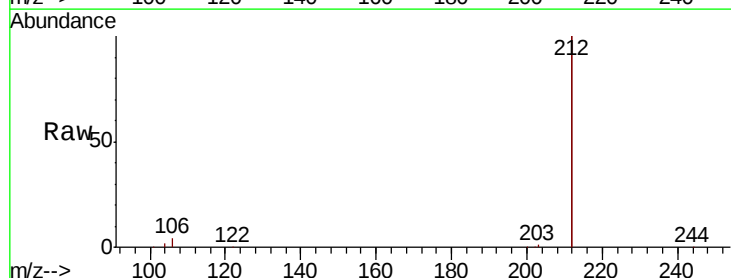
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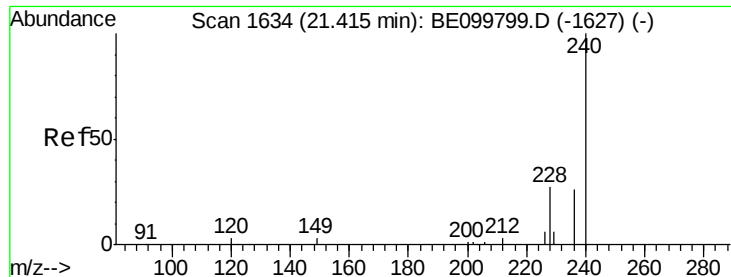
Tgt Ion: 266 Resp: 10
 Ion Ratio Lower Upper
 266 100
 264 85.5 64.9 97.3
 268 96.4 64.0 96.0#



#25
 Fluoranthene-d10
 Concen: 0.419 ng
 RT: 19.26 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: BE099833.D
 Acq: 6 Jun 2019 22:02

Tgt Ion: 212 Resp: 57299
 Ion Ratio Lower Upper
 212 100
 106 1.8 1.4 2.0
 104 1.0 0.8 1.2

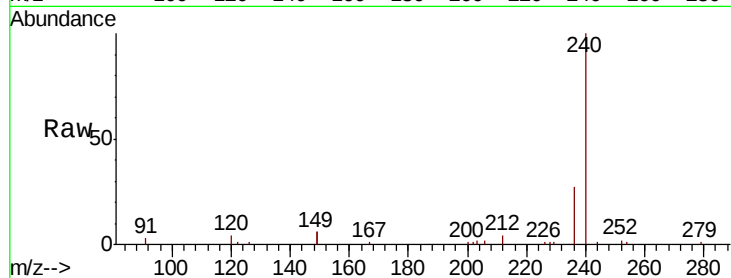




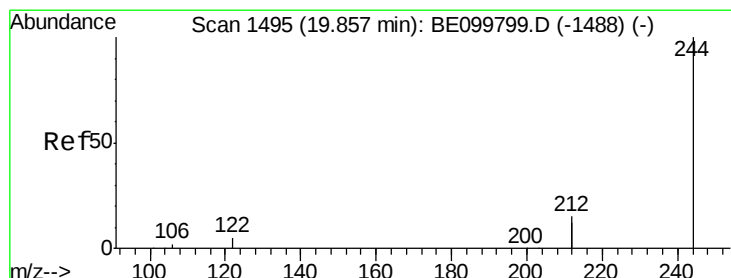
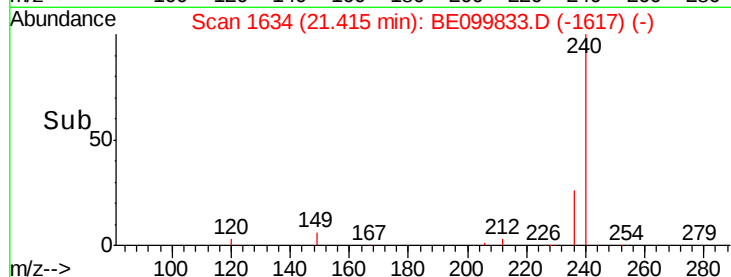
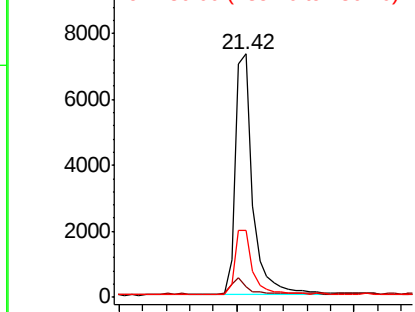
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.42 min Scan# 1634
 Delta R.T. 0.00 min
 Lab File: BE099833.D
 Acq: 6 Jun 2019 22:02

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW304D-20190604

Tgt Ion:240 Resp: 15340
 Ion Ratio Lower Upper
 240 100
 120 4.3 2.8 4.2#
 236 27.3 20.9 31.3

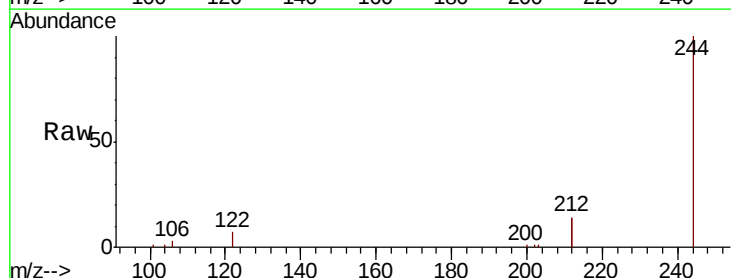


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

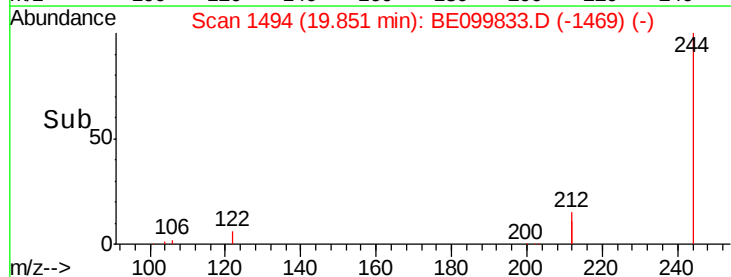
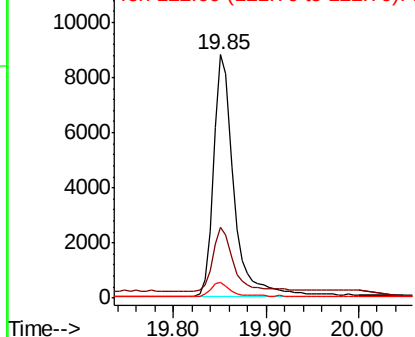


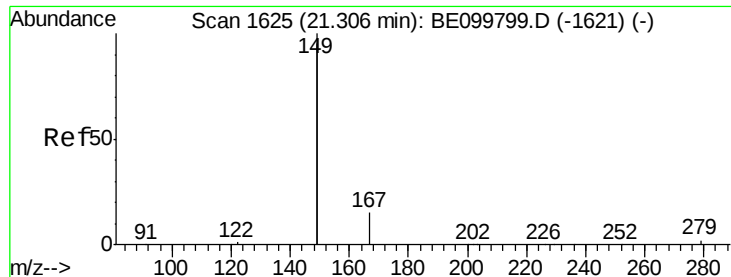
#29
 Terphenyl-d14
 Concen: 0.535 ng
 RT: 19.85 min Scan# 1494
 Delta R.T. -0.01 min
 Lab File: BE099833.D
 Acq: 6 Jun 2019 22:02

Tgt Ion:244 Resp: 13447
 Ion Ratio Lower Upper
 244 100
 212 28.9 23.7 35.5
 122 6.6 4.8 7.2



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

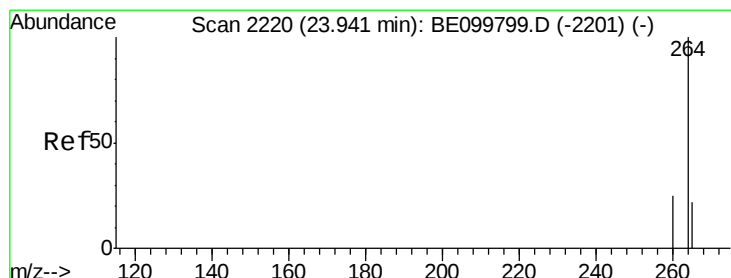
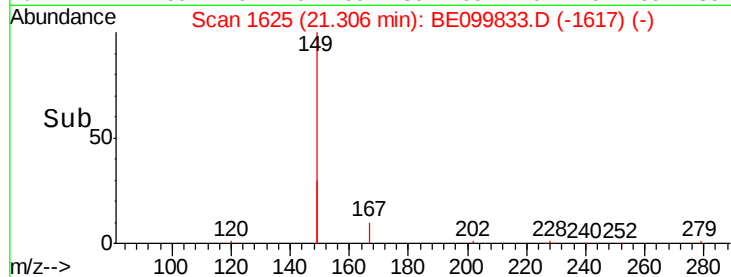
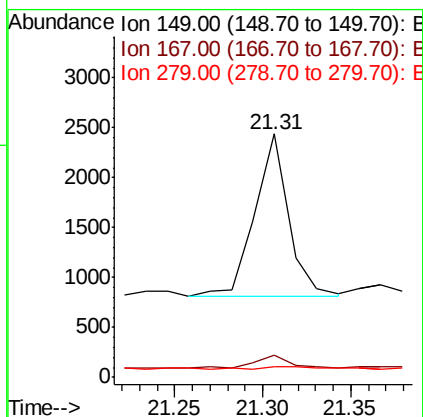
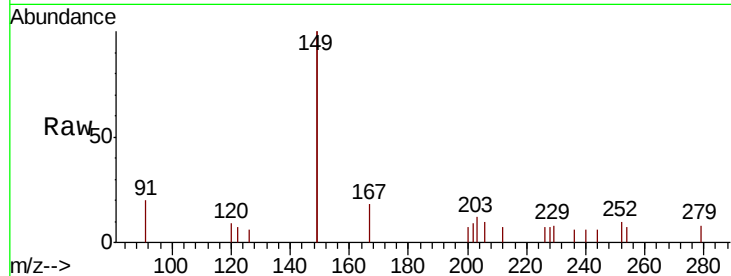




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.044 ng
 RT: 21.31 min Scan# 1625
 Delta R.T. 0.00 min
 Lab File: BE099833.D
 Acq: 6 Jun 2019 22:02

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW304D-20190604

Tgt Ion:149 Resp: 2153
 Ion Ratio Lower Upper
 149 100
 167 8.4 6.0 9.0
 279 2.4 1.2 1.8#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.95 min Scan# 2222
 Delta R.T. 0.01 min
 Lab File: BE099833.D
 Acq: 6 Jun 2019 22:02

Tgt Ion:264 Resp: 17974
 Ion Ratio Lower Upper
 264 100
 260 25.3 20.0 30.0
 265 29.1 20.7 31.1

