

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061219\
 Data File : BE099963.D
 Acq On : 12 Jun 2019 19:13
 Operator : JU/SJ
 Sample : K3280-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-HN-MW271-20190608

Quant Time: Jun 13 04:10:33 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

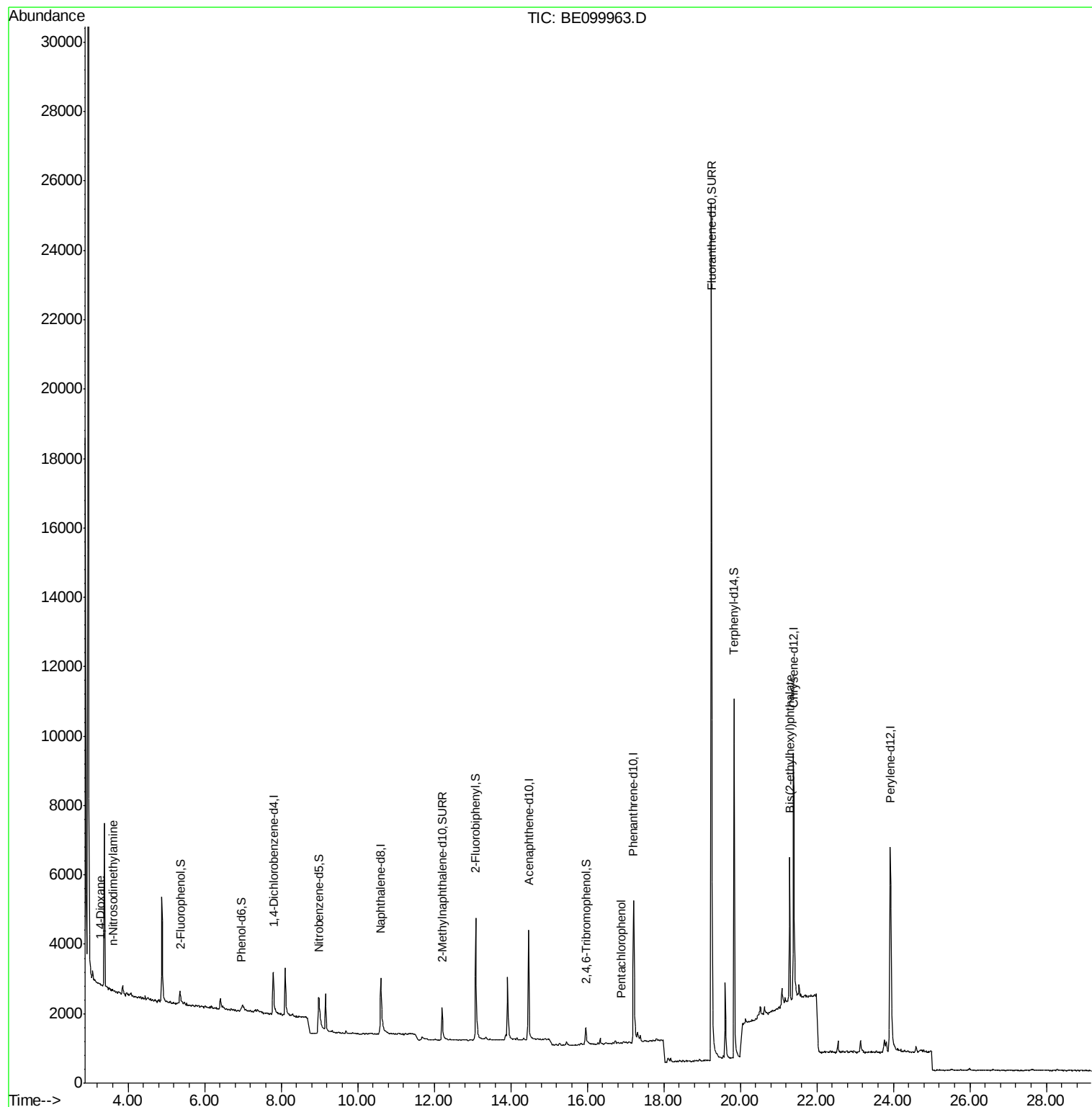
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	938	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3342	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	2550	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	7331	0.40	ng	0.00
27) Chrysene-d12	21.39	240	10192	0.40	ng	-0.01
34) Perylene-d12	23.92	264	11318	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	357	0.14	ng	0.01
5) Phenol-d6	6.97	99	290	0.09	ng	0.00
8) Nitrobenzene-d5	8.98	82	1180	0.37	ng	0.01
11) 2-Methylnaphthalene-d10	12.21	152	2042	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	549	0.29	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	4306	0.45	ng	-0.01
25) Fluoranthene-d10	19.25	212	40055	0.38	ng	0.00
29) Terphenyl-d14	19.84	244	10889	0.59	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.27	88	36	0.026	ng	Qvalue # 60
3) n-Nitrosodimethylamine	3.60	42	28	0.035	ng	# 100
22) Pentachlorophenol	16.88	266	31	0.315	ng	# 81
32) Bis(2-ethylhexyl)phthalate	21.29	149	5327	0.122	ng	100

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

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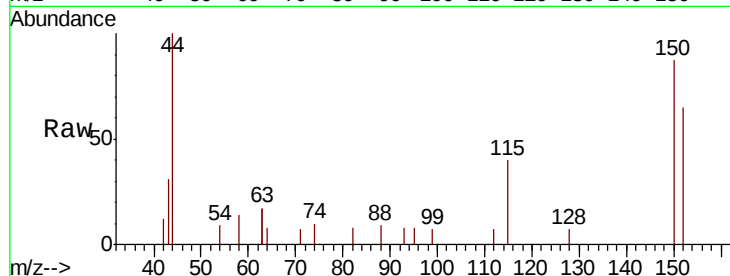


#1

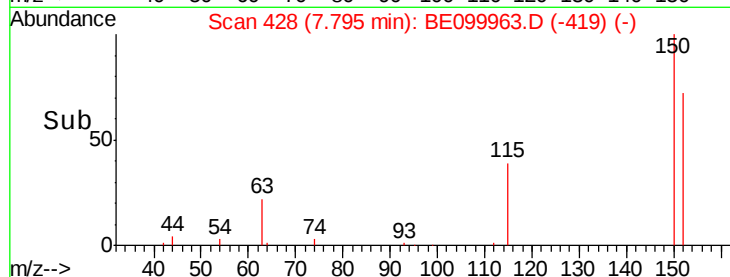
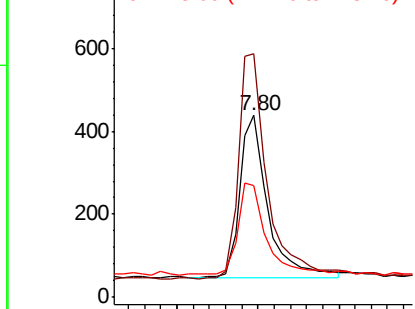
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 428
Delta R.T. -0.00 min
Lab File: BE099963.D
Acq: 12 Jun 2019 19:13

Instrument :
BNA_E
ClientSampleId :
BP-HN-MW271-20190608

Tgt Ion: 152 Resp: 938
Ion Ratio Lower Upper
152 100
150 133.7 111.0 166.6
115 61.0 50.7 76.1



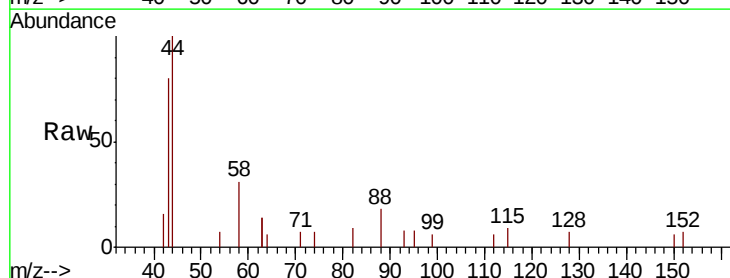
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



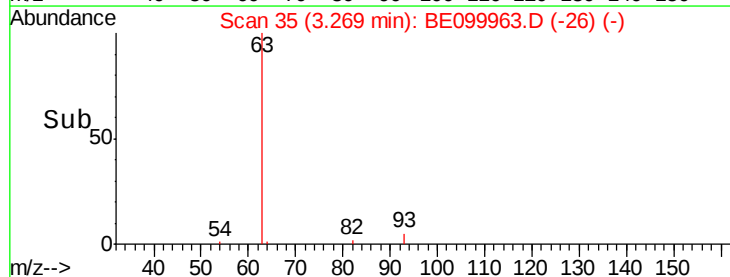
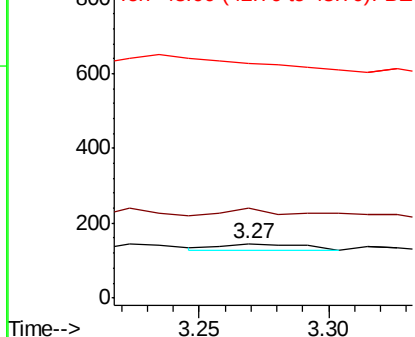
#2

1,4-Dioxane
Concen: 0.026 ng
RT: 3.27 min Scan# 35
Delta R.T. -0.00 min
Lab File: BE099963.D
Acq: 12 Jun 2019 19:13

Tgt Ion: 88 Resp: 36
Ion Ratio Lower Upper
88 100
58 88.9 48.8 73.2#
43 0.0 19.0 28.6#



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: 0.035 ng

RT: 3.60 min Scan# 64

Delta R.T. -0.00 min

Lab File: BE099963.D

Acq: 12 Jun 2019 19:13

Instrument :

BNA_E

ClientSampleId :

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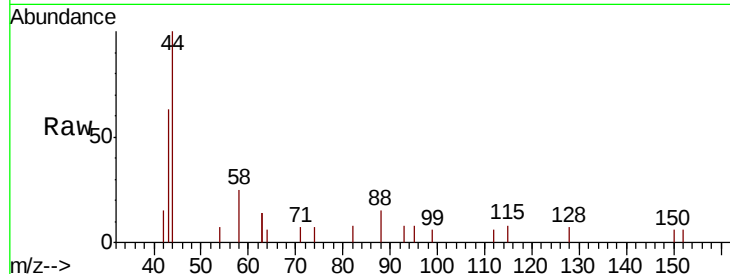
Tgt Ion: 42 Resp: 28

Ion Ratio Lower Upper

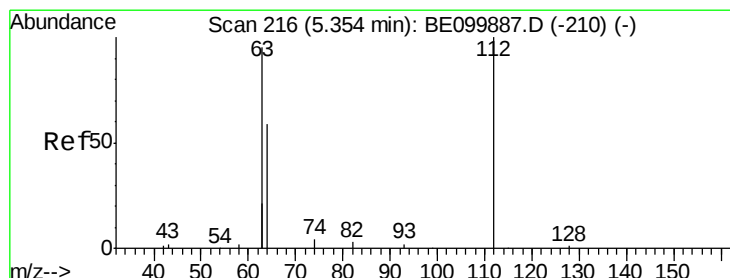
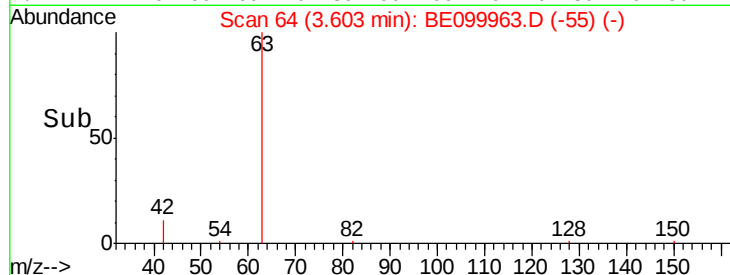
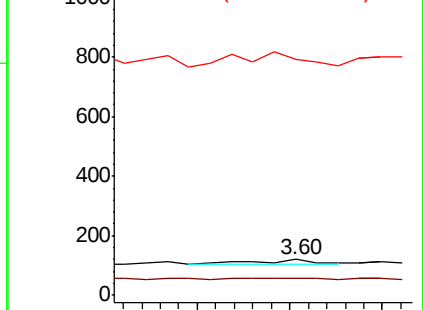
42 100

74 0.0 0.0 0.0

44 414.3 0.0 0.0#



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: 0.141 ng

RT: 5.37 min Scan# 217

Delta R.T. 0.01 min

Lab File: BE099963.D

Acq: 12 Jun 2019 19:13

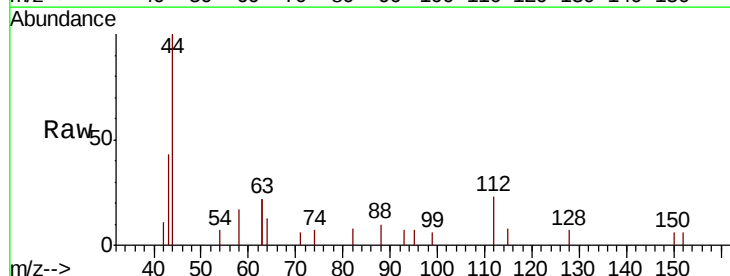
Tgt Ion: 112 Resp: 357

Ion Ratio Lower Upper

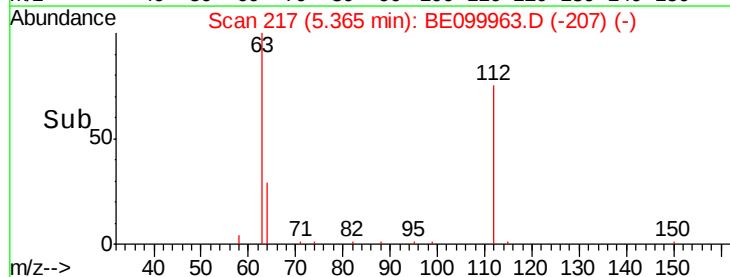
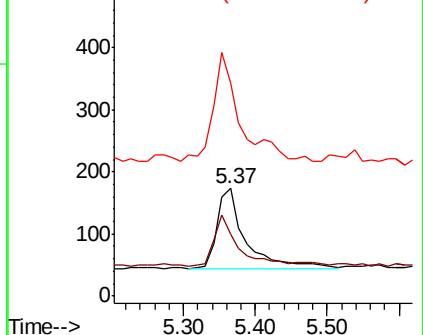
112 100

64 58.0 44.1 66.1

63 132.5 87.8 131.6#



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: 0.089 ng

RT: 6.97 min Scan# 356

Delta R.T. -0.00 min

Lab File: BE099963.D

Acq: 12 Jun 2019 19:13

Instrument :

BNA_E

ClientSampleId :

BP-HN-MW271-20190608

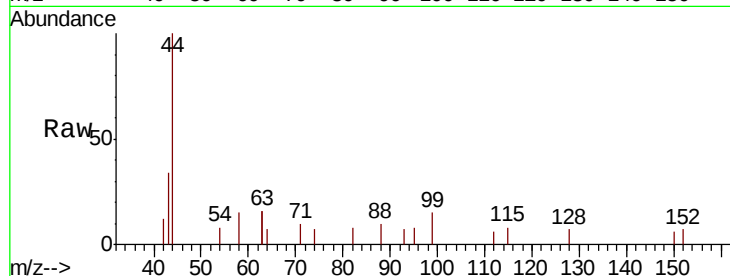
Tgt Ion: 99 Resp: 290

Ion Ratio Lower Upper

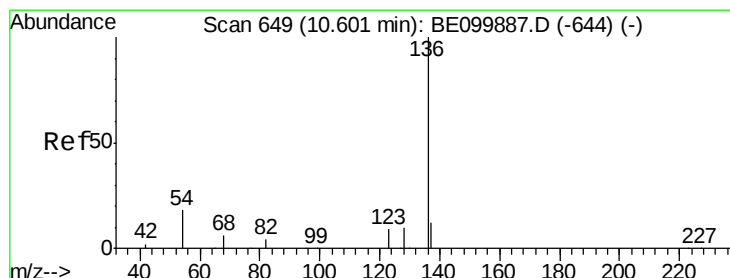
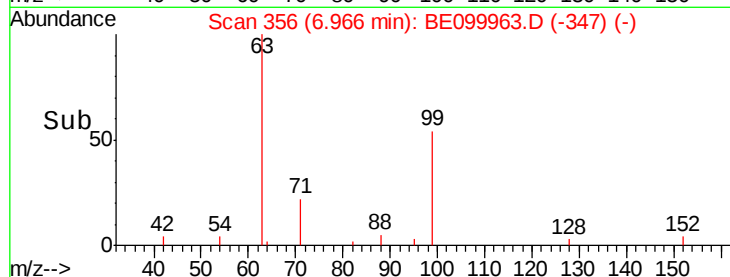
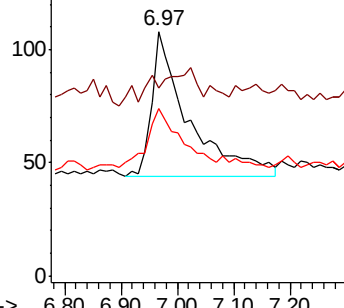
99 100

42 10.7 15.9 23.9#

71 36.2 34.6 52.0



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: 10.60 min Scan# 649

Delta R.T. 0.00 min

Lab File: BE099963.D

Acq: 12 Jun 2019 19:13

Tgt Ion: 136 Resp: 3342

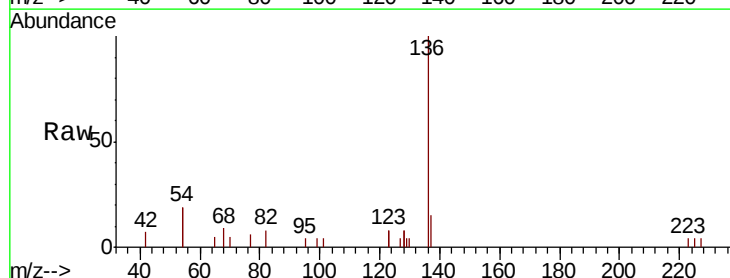
Ion Ratio Lower Upper

136 100

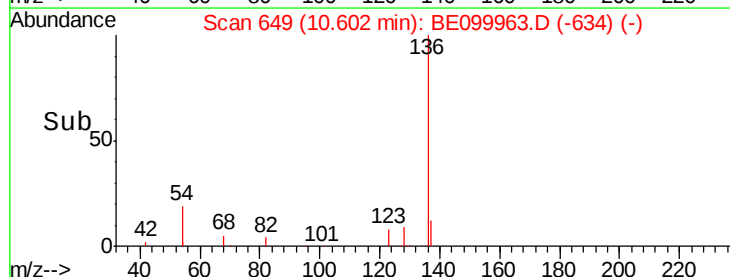
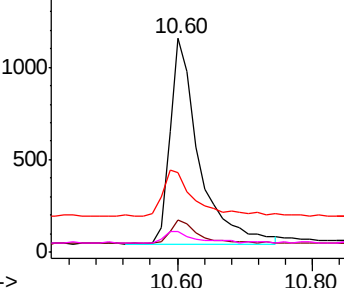
137 15.1 12.3 18.5

54 37.3 28.2 42.4

68 9.3 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): BE0
Ion 68.00 (67.70 to 68.70): BE0





#8

Nitrobenzene-d5

Concen: 0.373 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE099963.D

Acq: 12 Jun 2019 19:13

Instrument :

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BP-HN-MW271-20190608

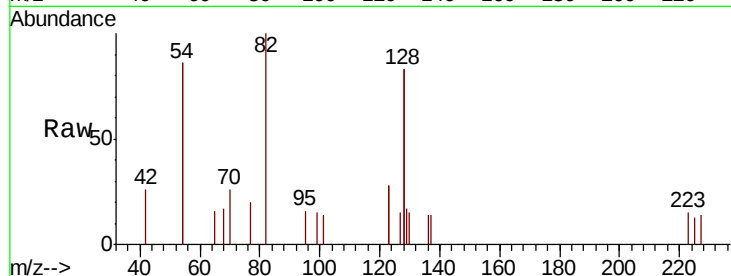
Tgt Ion: 82 Resp: 1180

Ion Ratio Lower Upper

82 100

128 166.3 137.3 205.9

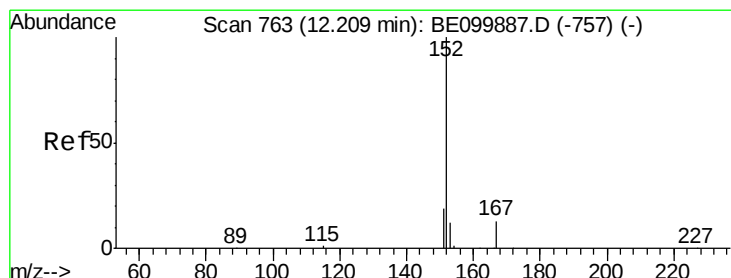
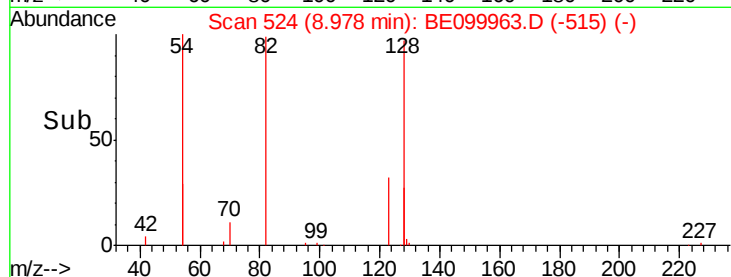
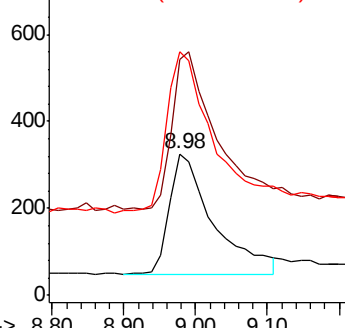
54 171.8 129.7 194.5



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: 0.350 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.00 min

Lab File: BE099963.D

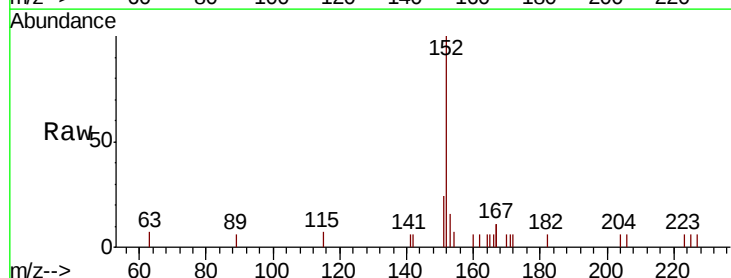
Acq: 12 Jun 2019 19:13

Tgt Ion: 152 Resp: 2042

Ion Ratio Lower Upper

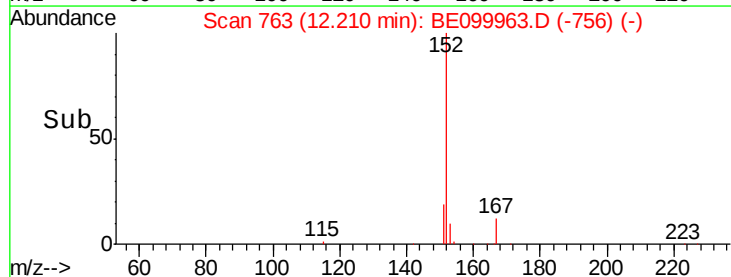
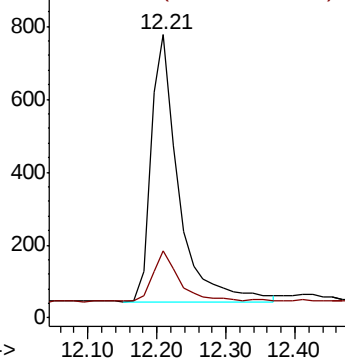
152 100

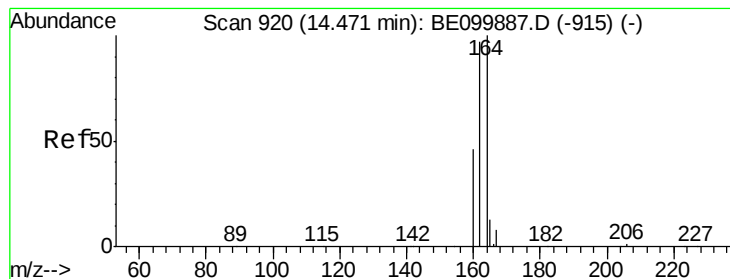
151 18.3 15.2 22.8



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: BE099963.D

Acq: 12 Jun 2019 19:13

Instrument :

BNA_E

ClientSampleId :

BP-HN-MW271-20190608

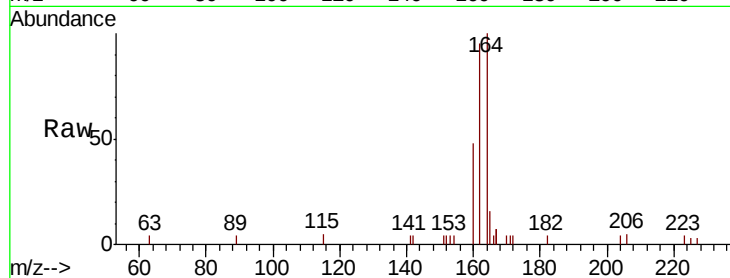
Tgt Ion:164 Resp: 2550

Ion Ratio Lower Upper

164 100

162 94.6 77.8 116.8

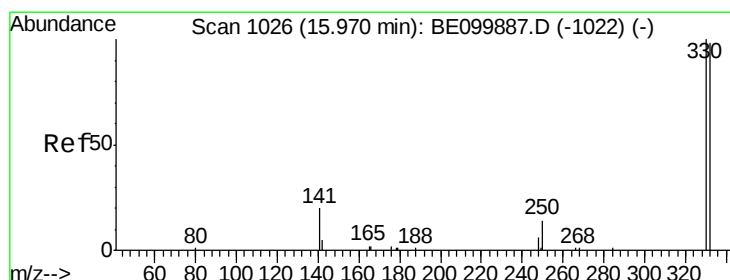
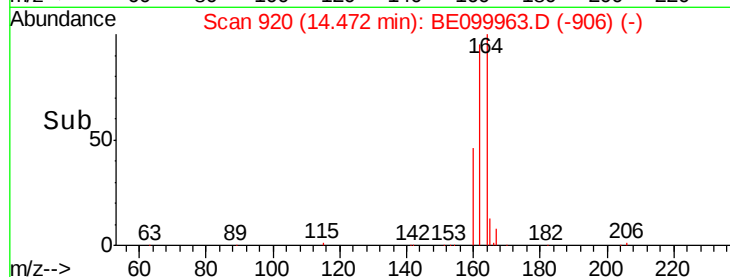
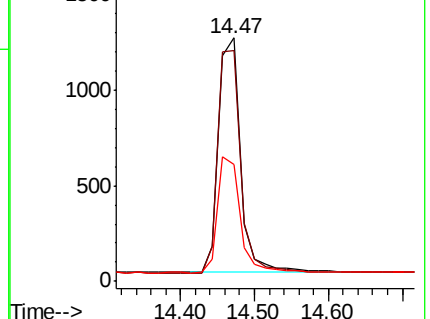
160 48.2 38.2 57.4



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: 0.291 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BE099963.D

Acq: 12 Jun 2019 19:13

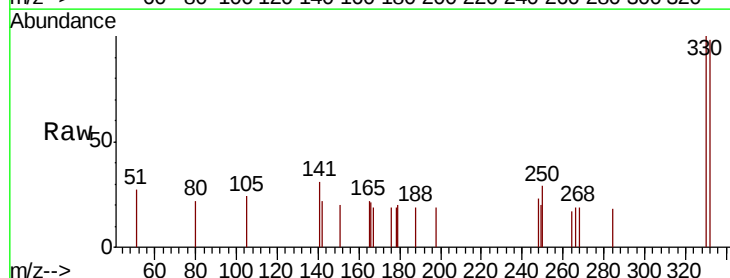
Tgt Ion:330 Resp: 549

Ion Ratio Lower Upper

330 100

332 96.2 76.7 115.1

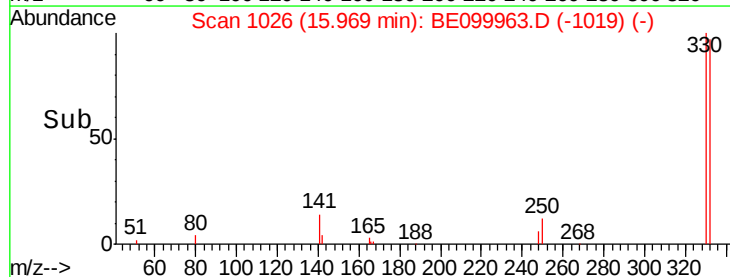
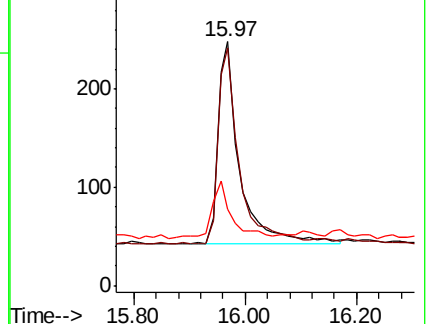
141 22.4 21.0 31.6

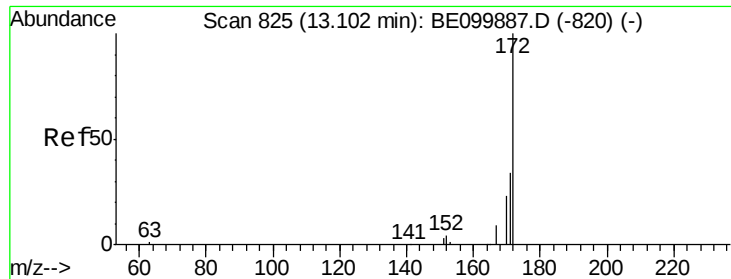


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

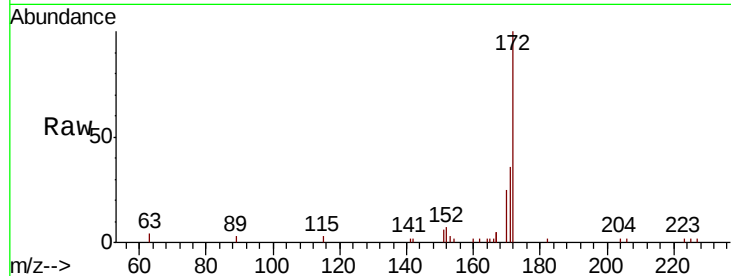




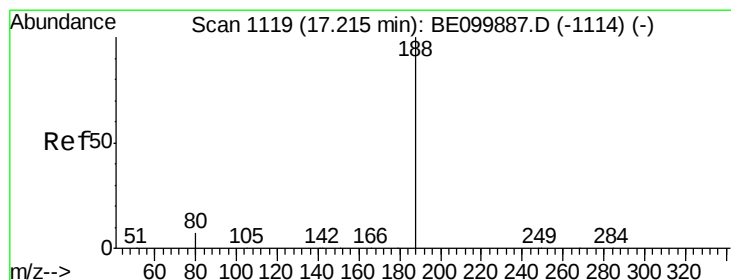
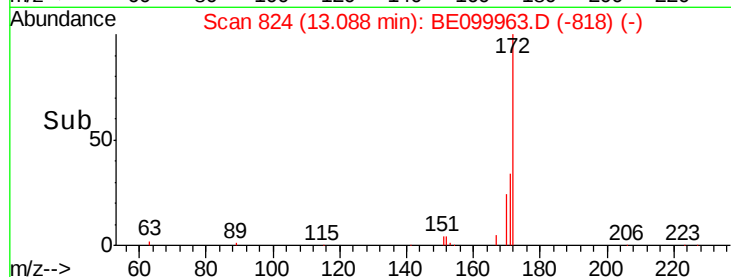
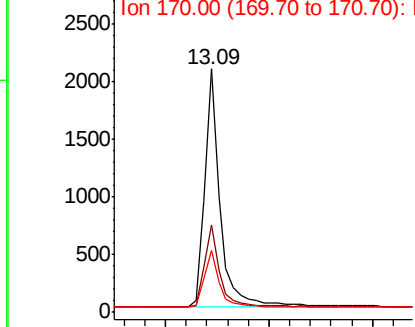
#15
2-Fluorobiphenyl
Concen: 0.445 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.01 min
Lab File: BE099963.D
Acq: 12 Jun 2019 19:13

Instrument :
BNA_E
ClientSampleId :
BP-HN-MW271-20190608

Tgt Ion:172 Resp: 4306
Ion Ratio Lower Upper
172 100
171 35.8 29.2 43.8
170 25.3 21.2 31.8

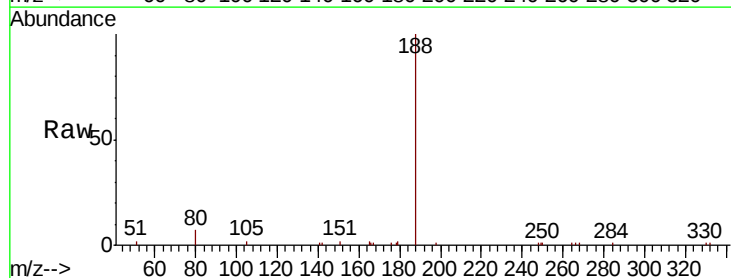


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

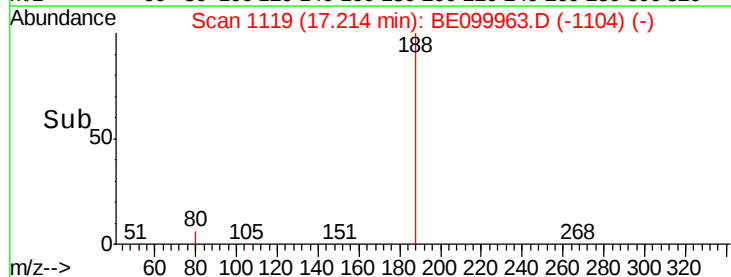
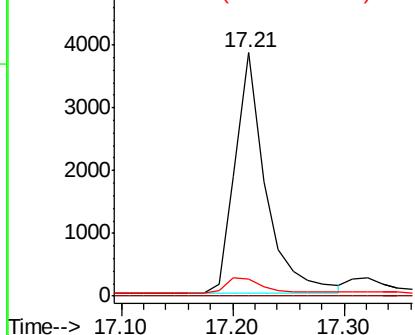


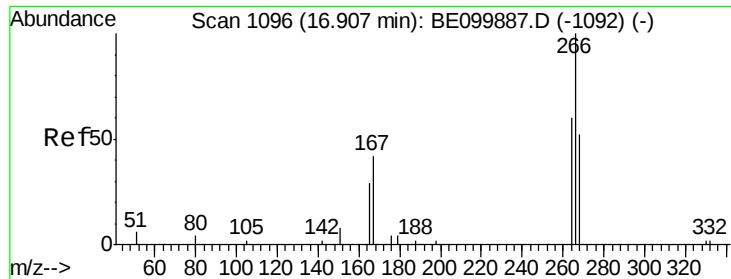
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE099963.D
Acq: 12 Jun 2019 19:13

Tgt Ion:188 Resp: 7331
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.0 6.4 9.6



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

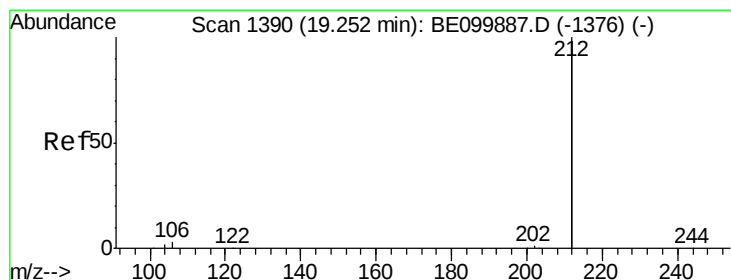
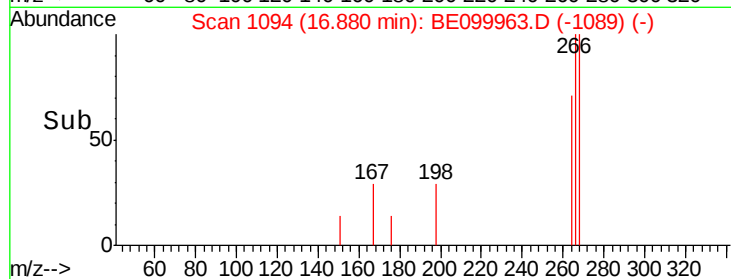
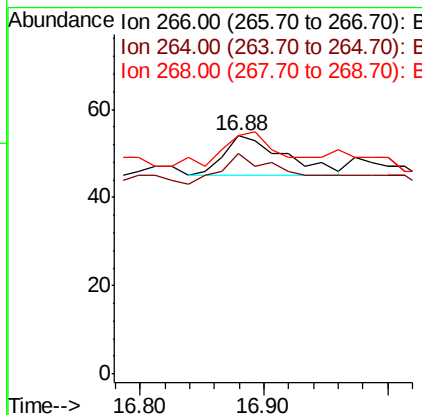
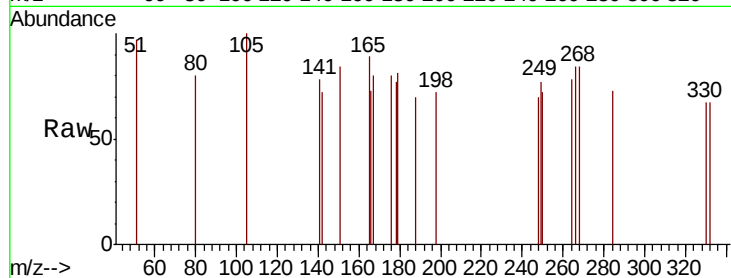




#22
 Pentachlorophenol
 Concen: 0.315 ng
 RT: 16.88 min Scan# 1094
 Delta R.T. -0.03 min
 Lab File: BE099963.D
 Acq: 12 Jun 2019 19:13

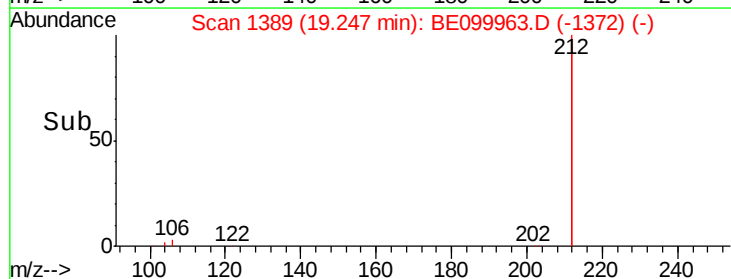
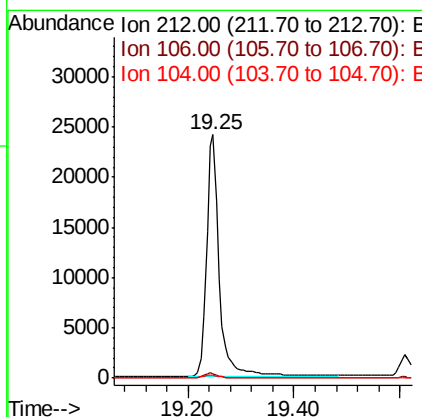
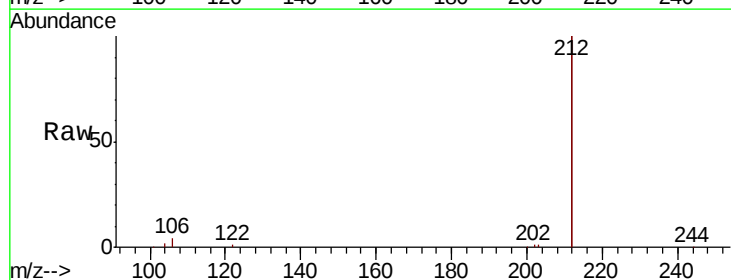
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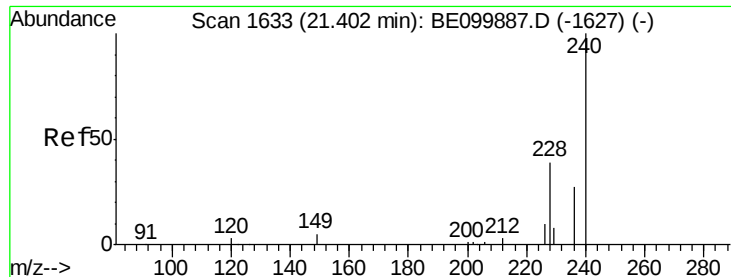
Tgt Ion: 266 Resp: 31
 Ion Ratio Lower Upper
 266 100
 264 92.6 62.2 93.2
 268 100.0 65.5 98.3#



#25
 Fluoranthene-d10
 Concen: 0.375 ng
 RT: 19.25 min Scan# 1389
 Delta R.T. -0.00 min
 Lab File: BE099963.D
 Acq: 12 Jun 2019 19:13

Tgt Ion: 212 Resp: 40055
 Ion Ratio Lower Upper
 212 100
 106 1.9 1.4 2.2
 104 1.1 0.9 1.3

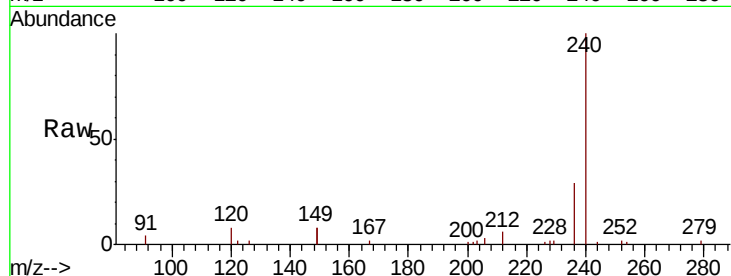




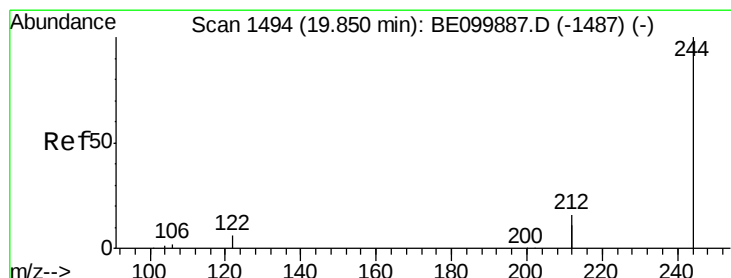
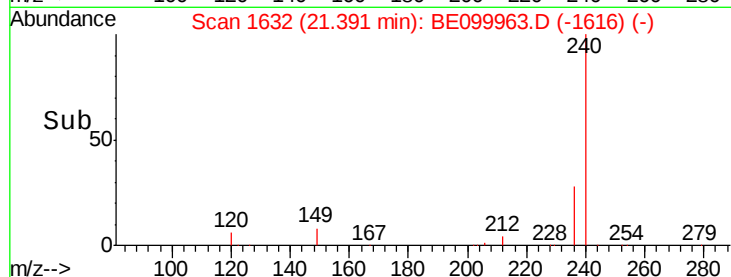
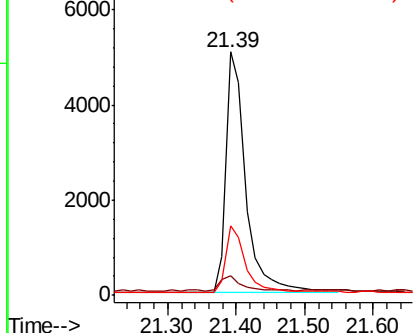
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.39 min Scan# 1632
 Delta R.T. -0.01 min
 Lab File: BE099963.D
 Acq: 12 Jun 2019 19:13

Instrument :
 BNA_E
 ClientSampleId :
 BP-HN-MW271-20190608

Tgt Ion:240 Resp: 10192
 Ion Ratio Lower Upper
 240 100
 120 8.2 3.8 5.6#
 236 28.5 22.0 33.0

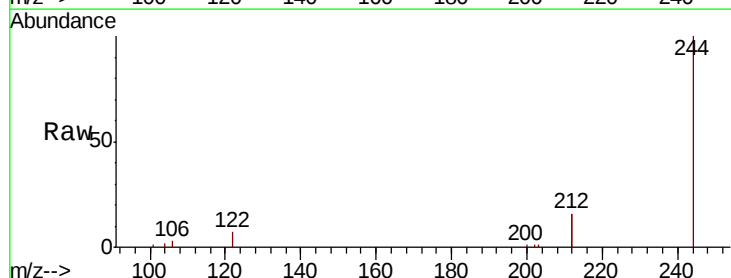


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

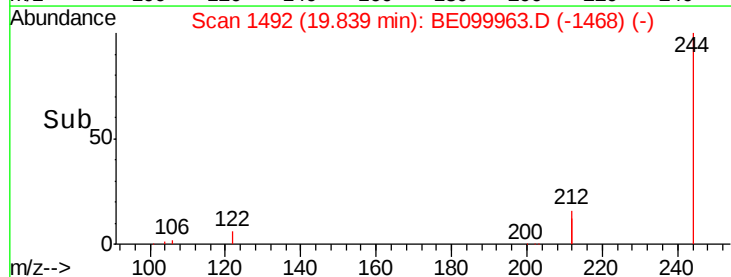
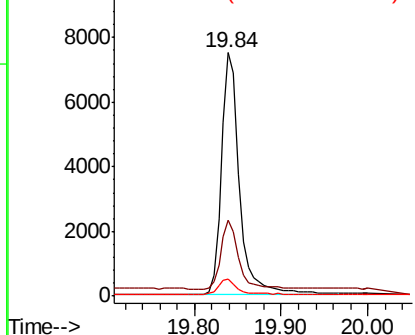


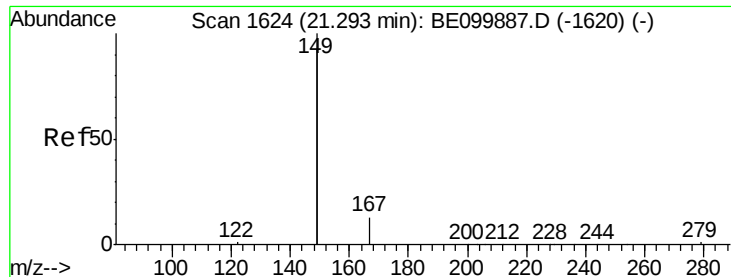
#29
 Terphenyl-d14
 Concen: 0.593 ng
 RT: 19.84 min Scan# 1492
 Delta R.T. -0.01 min
 Lab File: BE099963.D
 Acq: 12 Jun 2019 19:13

Tgt Ion:244 Resp: 10889
 Ion Ratio Lower Upper
 244 100
 212 31.1 25.7 38.5
 122 7.2 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: 0.122 ng

RT: 21.29 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BE099963.D

Acq: 12 Jun 2019 19:13

Instrument :

BNA_E

ClientSampleId :

BP-HN-MW271-20190608

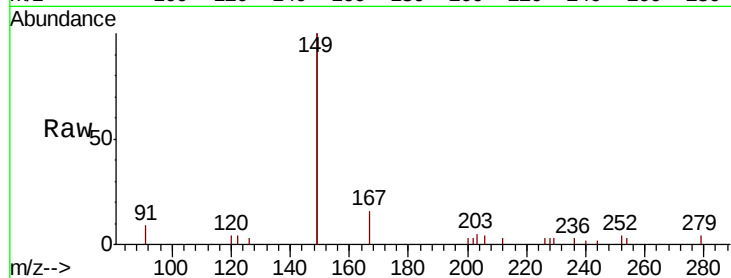
Tgt Ion:149 Resp: 5327

Ion Ratio Lower Upper

149 100

167 7.4 5.9 8.9

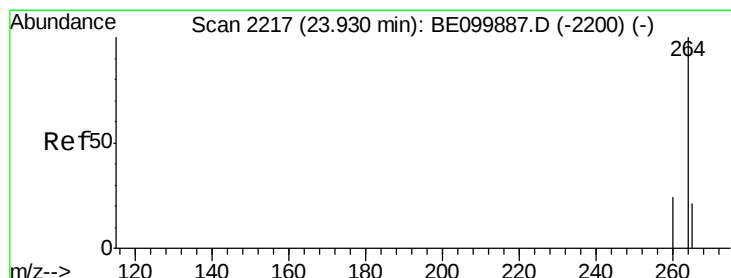
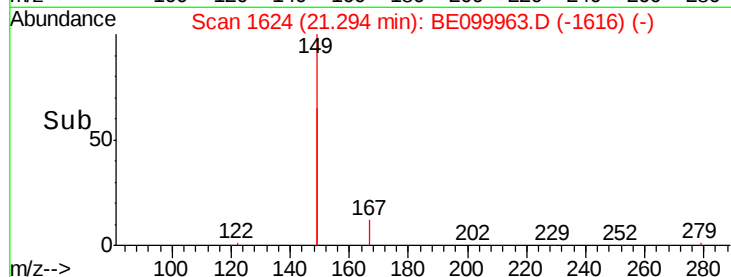
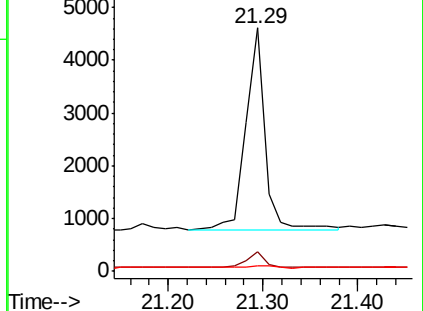
279 1.4 1.2 1.8



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# 2214

Delta R.T. -0.01 min

Lab File: BE099963.D

Acq: 12 Jun 2019 19:13

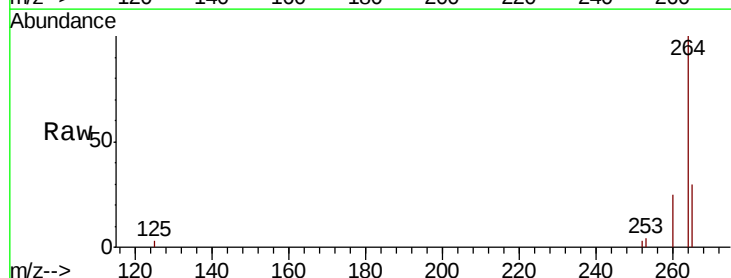
Tgt Ion:264 Resp: 11318

Ion Ratio Lower Upper

264 100

260 25.4 20.2 30.2

265 29.5 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

