

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE060719\
 Data File : BE099880.D
 Acq On : 8 Jun 2019 10:57
 Operator : JU/SJ
 Sample : K3249-18
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-HN-MW24IR-20190606

Quant Time: Jun 08 16:53:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE060719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 15:25:21 2019
 Response via : Initial Calibration

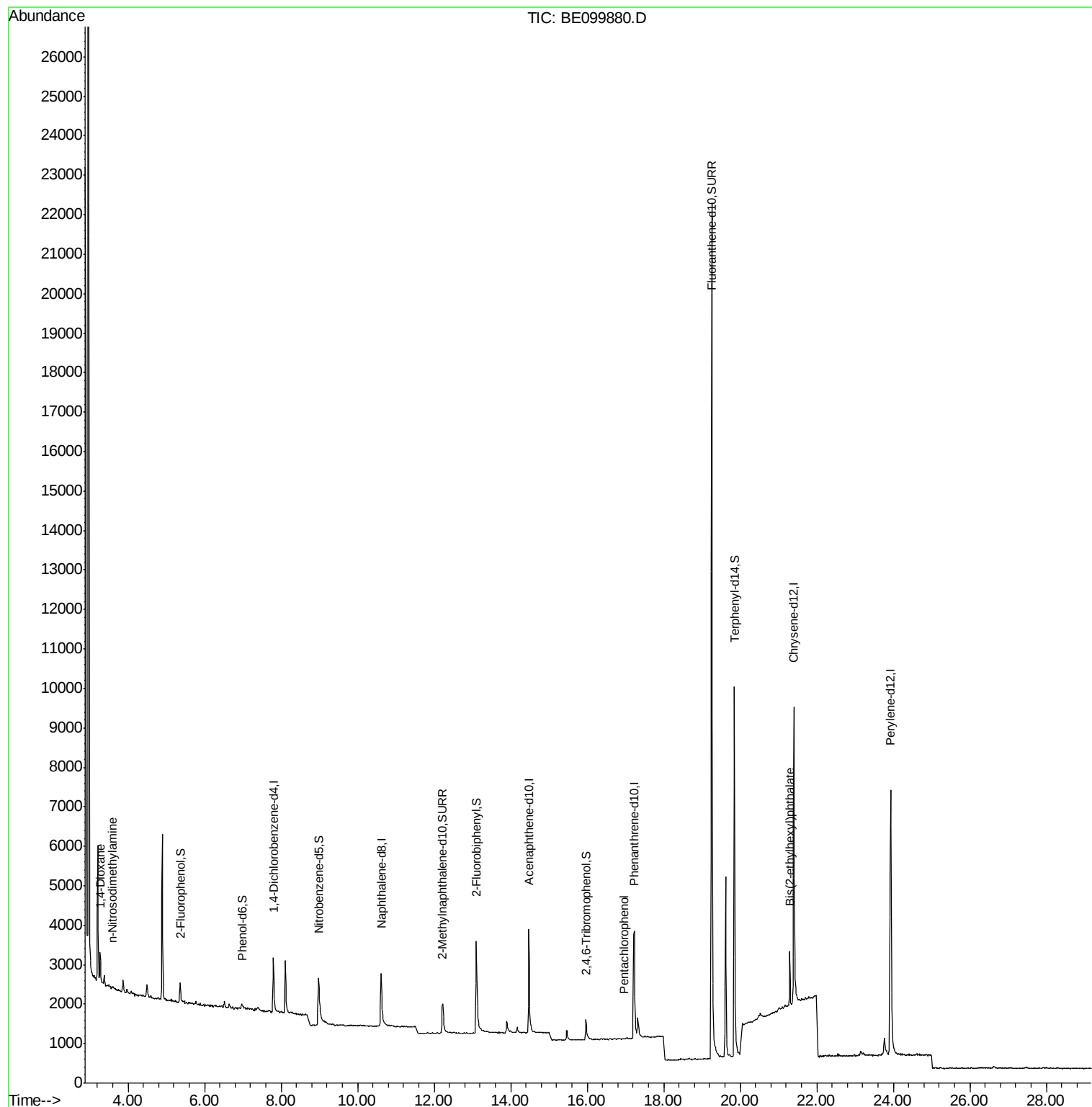
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	828	0.40	ng	0.00
7) Naphthalene-d8	10.62	136	2779	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	2040	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	5957	0.40	ng	0.00
27) Chrysene-d12	21.40	240	9777	0.40	ng	-0.01
34) Perylene-d12	23.93	264	11597	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	359	0.13	ng	0.00
5) Phenol-d6	6.98	99	255	0.07	ng	0.01
8) Nitrobenzene-d5	8.98	82	1112	0.40	ng	0.01
11) 2-Methylnaphthalene-d10	12.22	152	1805	0.36	ng	0.01
14) 2,4,6-Tribromophenol	15.97	330	520	0.26	ng	-0.01
15) 2-Fluorobiphenyl	13.10	172	3679	0.50	ng	0.00
25) Fluoranthene-d10	19.25	212	34450	0.37	ng	0.00
29) Terphenyl-d14	19.84	244	10389	0.57	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.27	88	610	0.531	ng	# 86
3) n-Nitrosodimethylamine	3.59	42	42	0.053	ng	# 1
22) Pentachlorophenol	16.96	266	6	0.233	ng	85
32) Bis(2-ethylhexyl)phthalate	21.29	149	1656	0.033	ng	# 98

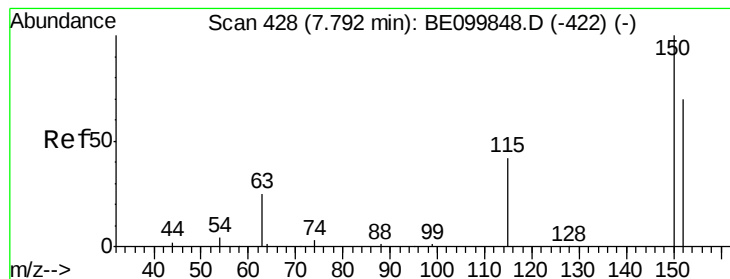
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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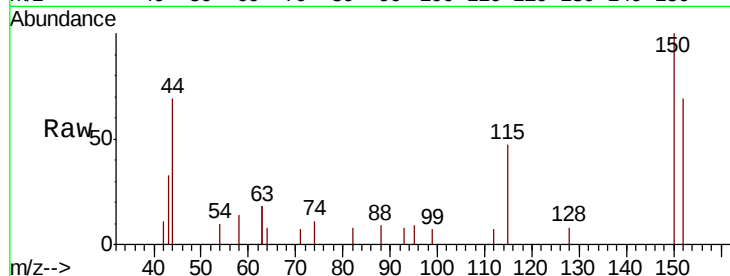


#1

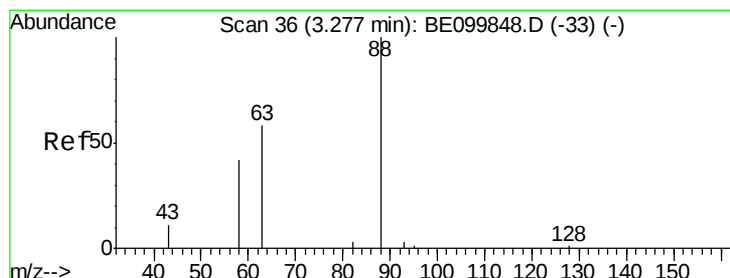
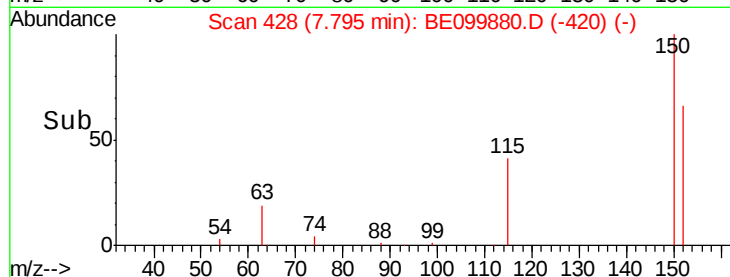
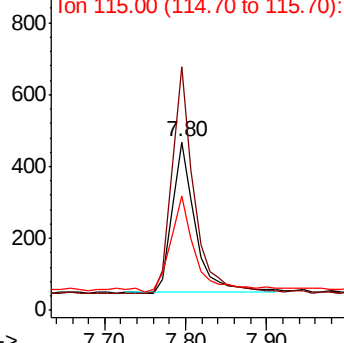
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 428
Delta R.T. -0.01 min
Lab File: BE099880.D
Acq: 8 Jun 2019 10:57

Instrument :
BNA_E
ClientSampleId :
BP-HN-MW24IR-20190606

Tot Ion:152 Resp: 828
Ion Ratio Lower Upper
152 100
150 144.7 112.8 169.2
115 67.7 47.6 71.4



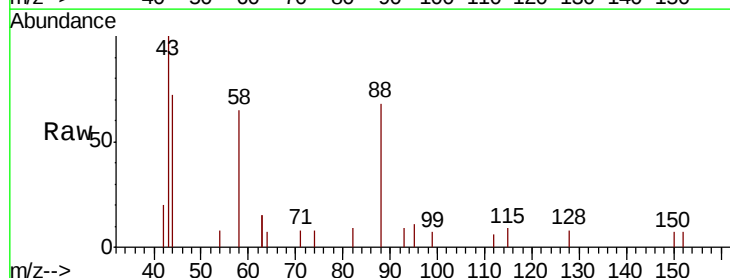
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



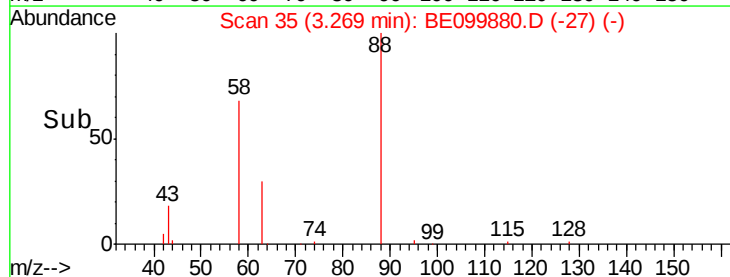
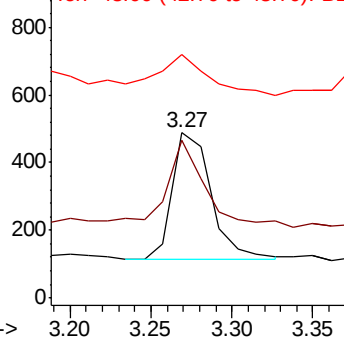
#2

1,4-Dioxane
Concen: 0.531 ng
RT: 3.27 min Scan# 35
Delta R.T. -0.01 min
Lab File: BE099880.D
Acq: 8 Jun 2019 10:57

Tgt Ion: 88 Resp: 610
Ion Ratio Lower Upper
88 100
58 55.6 47.3 70.9
43 42.0 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: 0.053 ng

RT: 3.59 min Scan# 63

Delta R.T. -0.02 min

Lab File: BE099880.D

Acq: 8 Jun 2019 10:57

Instrument :

BNA_E

ClientSampleId :

BP-HN-MW24IR-20190606

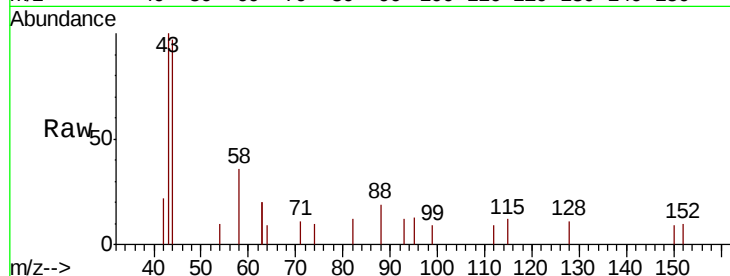
Tot Ion: 42 Resp: 42

Ion Ratio Lower Upper

42 100

74 16.7 132.6 198.8#

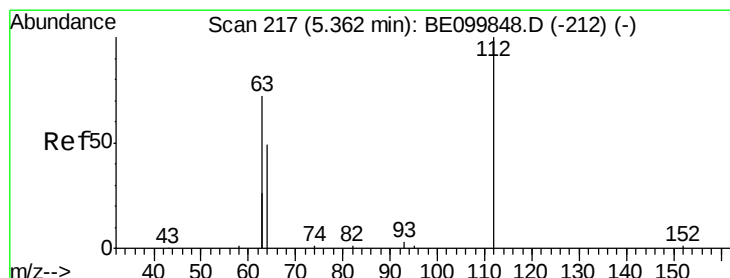
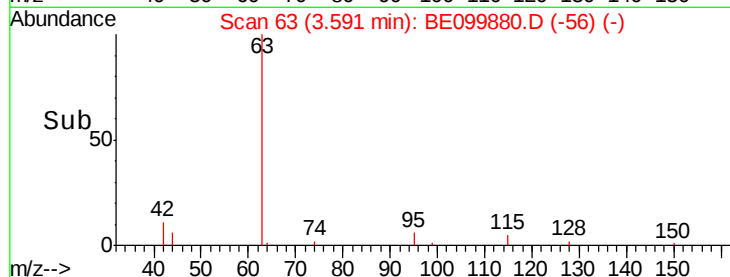
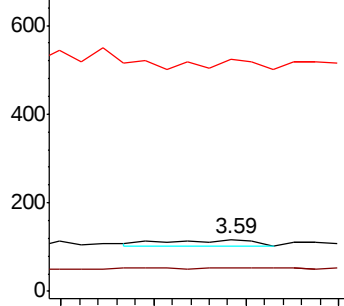
44 107.1 13.4 20.0#



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: 0.129 ng

RT: 5.37 min Scan# 217

Delta R.T. 0.00 min

Lab File: BE099880.D

Acq: 8 Jun 2019 10:57

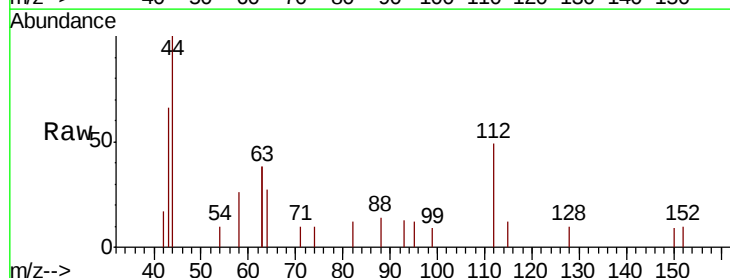
Tgt Ion: 112 Resp: 359

Ion Ratio Lower Upper

112 100

64 59.1 47.2 70.8

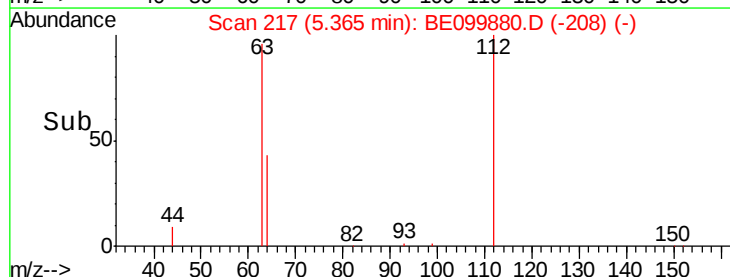
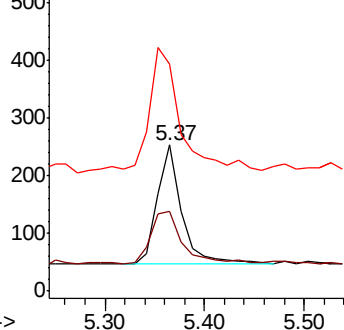
63 123.7 90.7 136.1

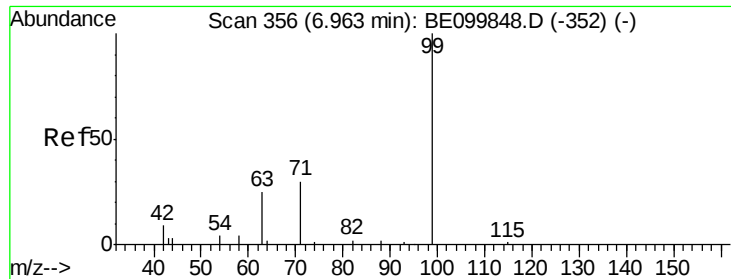


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.075 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.01 min

Lab File: BE099880.D

Acq: 8 Jun 2019 10:57

Instrument :

BNA_E

ClientSampleId :

BP-HN-MW24IR-20190606

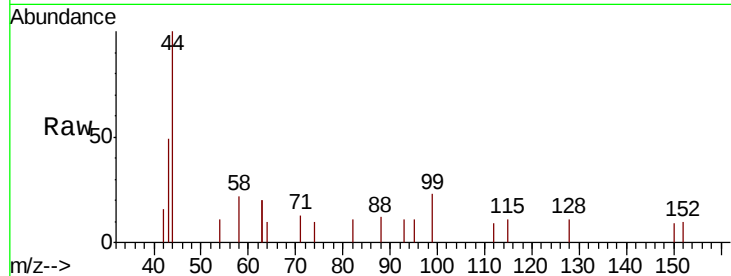
Tot Ion: 99 Resp: 255

Ion Ratio Lower Upper

99 100

42 0.0 11.0 16.4#

71 51.0 26.1 39.1#



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

6.98

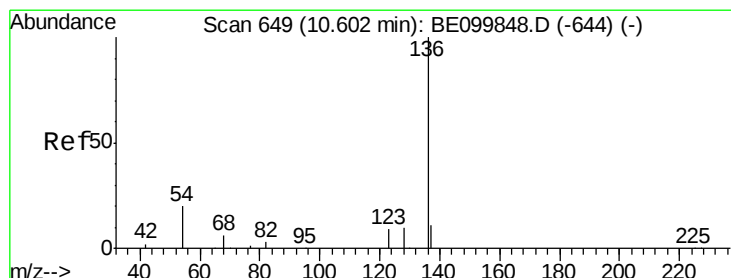
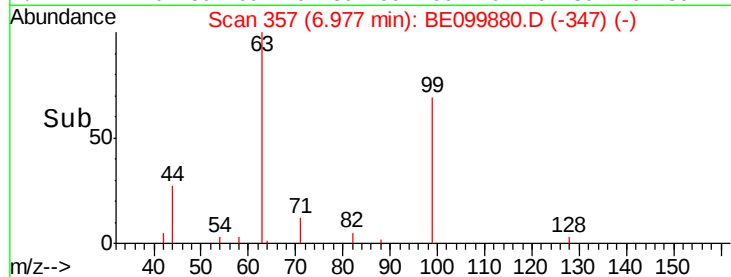
100

50

0

6.90 7.00 7.10

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.62 min Scan# 650

Delta R.T. 0.00 min

Lab File: BE099880.D

Acq: 8 Jun 2019 10:57

Tgt Ion: 136 Resp: 2779

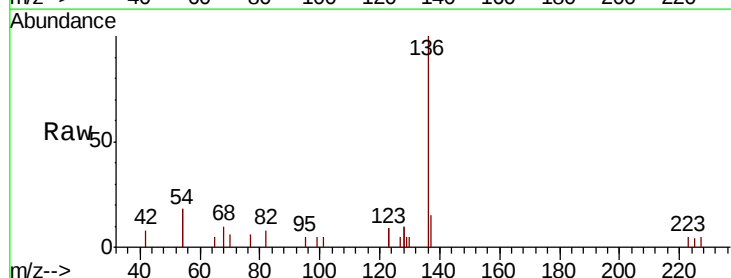
Ion Ratio Lower Upper

136 100

137 15.0 11.1 16.7

54 35.6 17.9 26.9#

68 9.8 5.4 8.0#



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

10.62

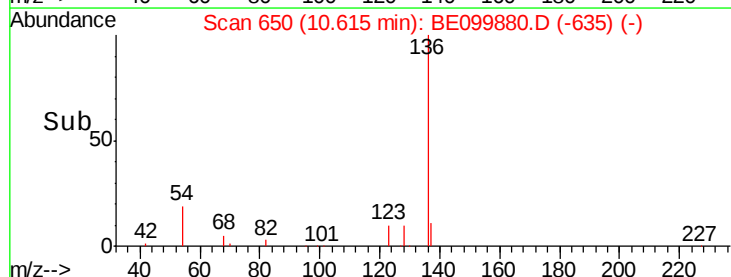
1000

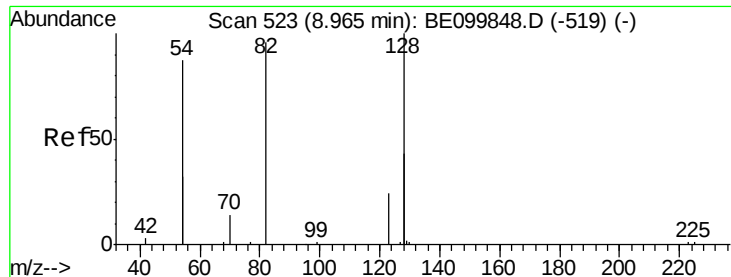
500

0

10.50 10.60 10.70 10.80

Time-->





#8

Nitrobenzene-d5

Concen: 0.397 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE099880.D

Acq: 8 Jun 2019 10:57

Instrument :

BNA_E

ClientSampleId :

BP-HN-MW24IR-20190606

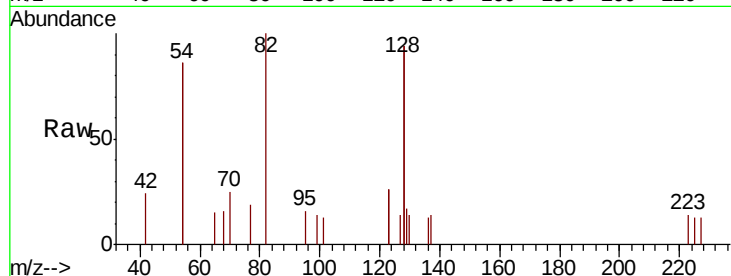
Tot Ion: 82 Resp: 1112

Ion Ratio Lower Upper

82 100

128 187.4 116.6 175.0#

54 172.4 136.2 204.4



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

800

600

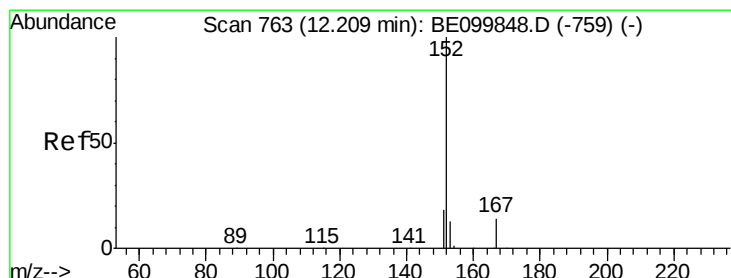
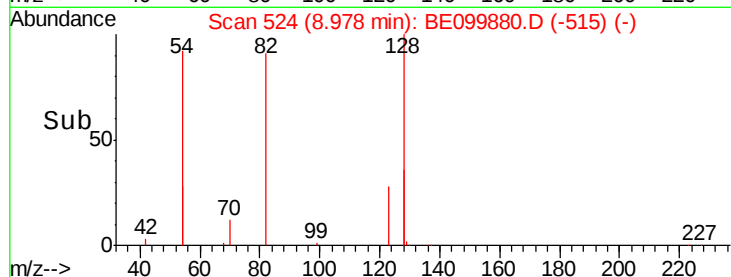
400

200

0

8.80 8.90 9.00 9.10

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.359 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.01 min

Lab File: BE099880.D

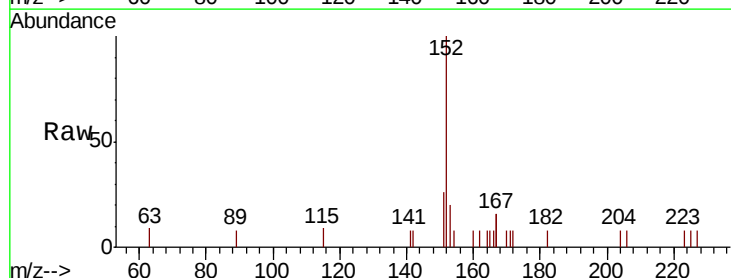
Acq: 8 Jun 2019 10:57

Tgt Ion: 152 Resp: 1805

Ion Ratio Lower Upper

152 100

151 19.9 15.8 23.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

600

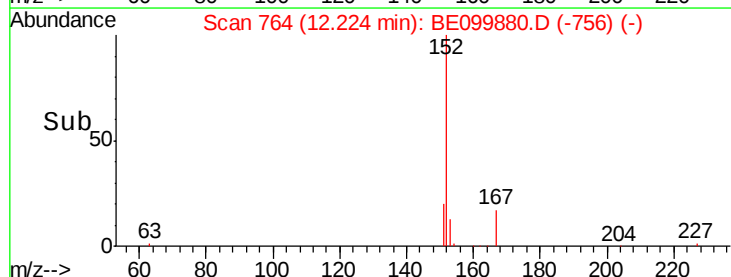
400

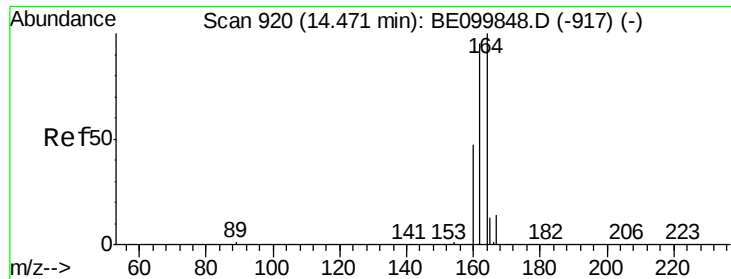
200

0

12.20 12.22 12.24

Time-->

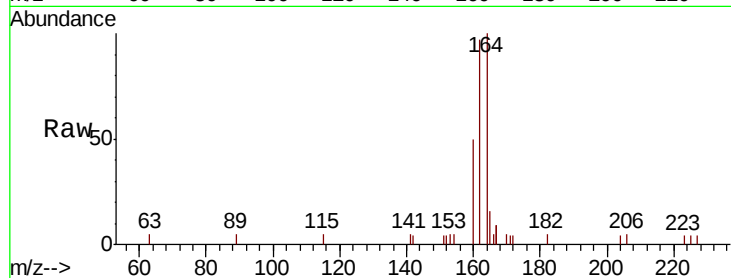




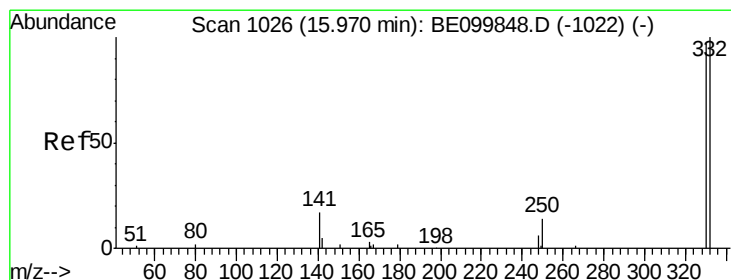
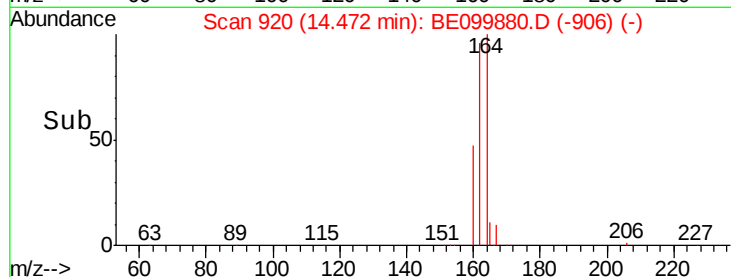
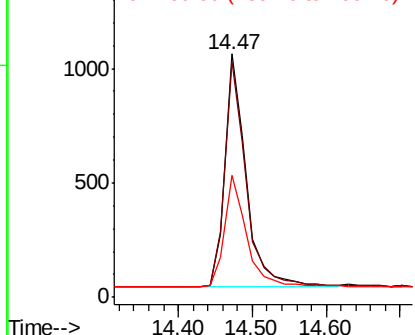
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.47 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: BE099880.D
 Acq: 8 Jun 2019 10:57

Instrument :
 BNA_E
 ClientSampleId :
 BP-HN-MW24IR-20190606

Tot Ion:164 Resp: 2040
 Ion Ratio Lower Upper
 164 100
 162 96.7 77.2 115.8
 160 50.0 39.4 59.2

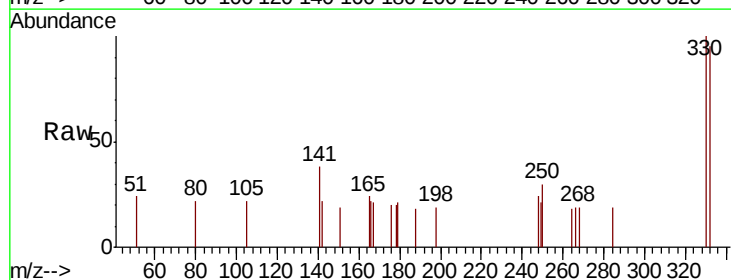


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

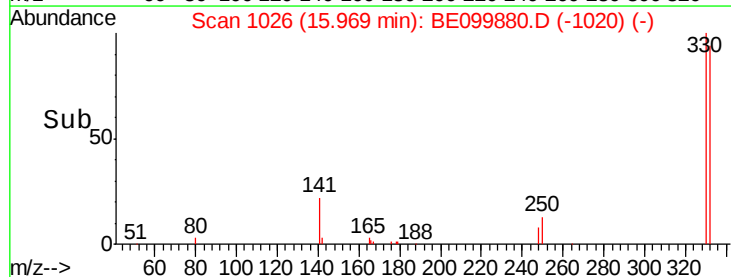
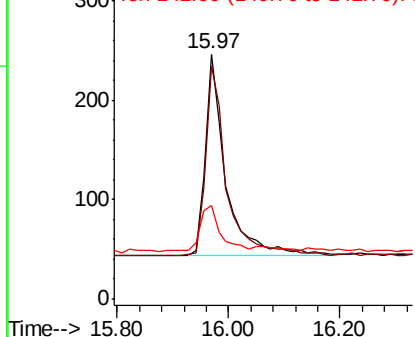


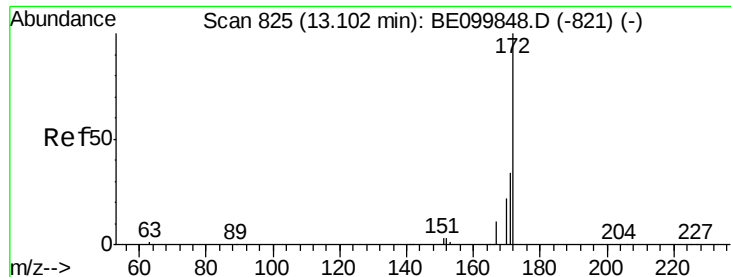
#14
 2,4,6-Tribromophenol
 Concen: 0.258 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BE099880.D
 Acq: 8 Jun 2019 10:57

Tgt Ion:330 Resp: 520
 Ion Ratio Lower Upper
 330 100
 332 94.0 74.9 112.3
 141 21.5 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

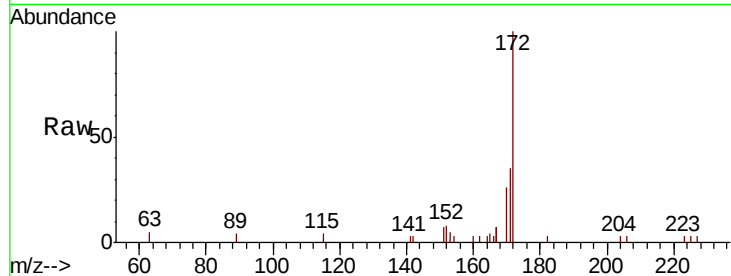




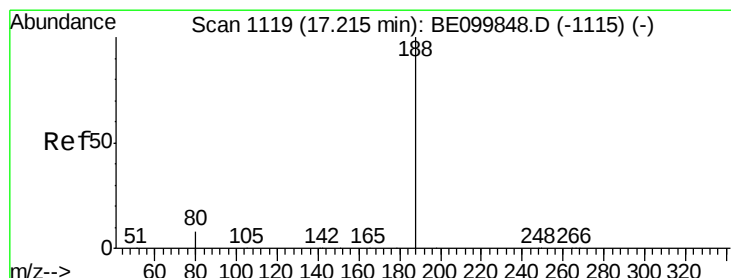
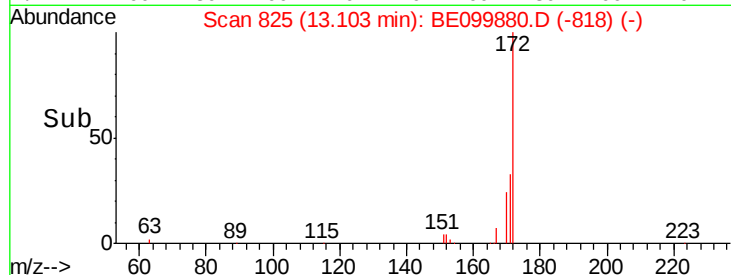
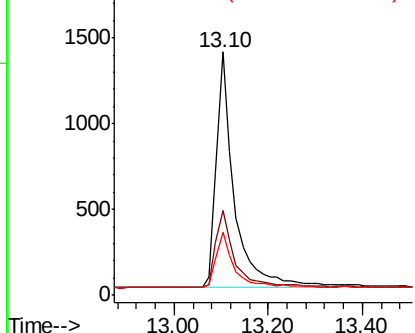
#15
2-Fluorobiphenyl
Concen: 0.499 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE099880.D
Acq: 8 Jun 2019 10:57

Instrument :
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ClientSampleId :
BP-HN-MW24IR-20190606

Tot Ion:172 Resp: 3679
Ion Ratio Lower Upper
172 100
171 34.8 30.2 45.4
170 26.1 20.1 30.1

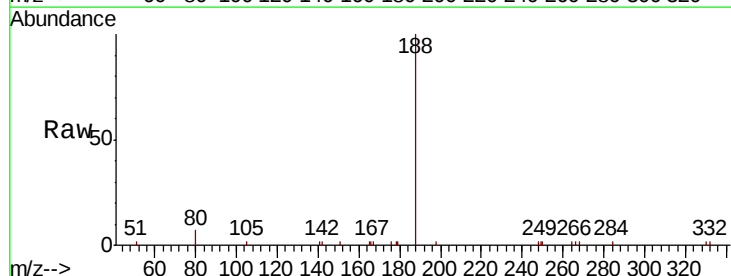


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

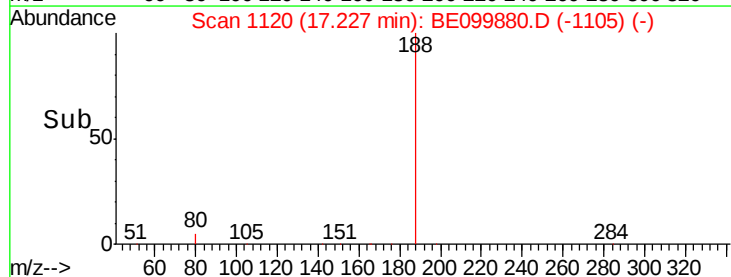
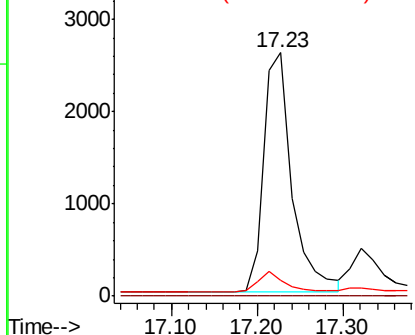


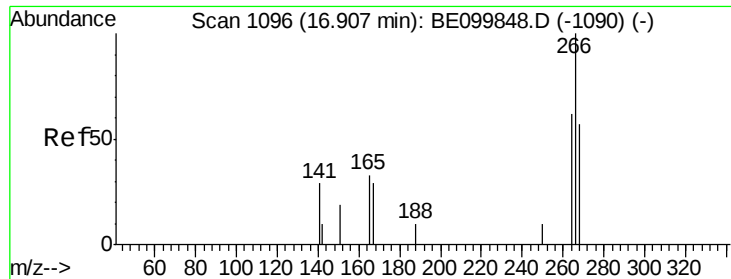
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE099880.D
Acq: 8 Jun 2019 10:57

Tgt Ion:188 Resp: 5957
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.6 5.2 7.8



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

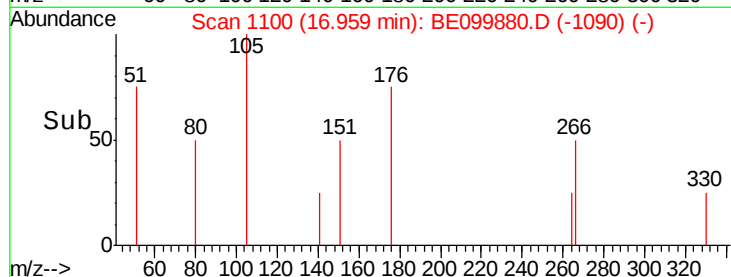
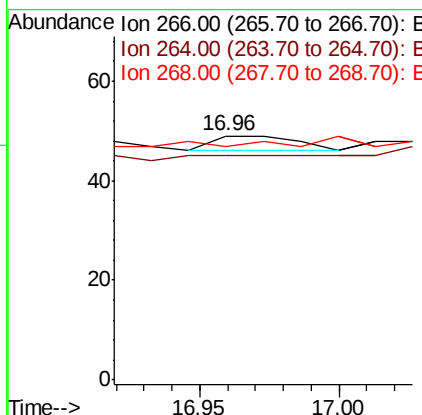
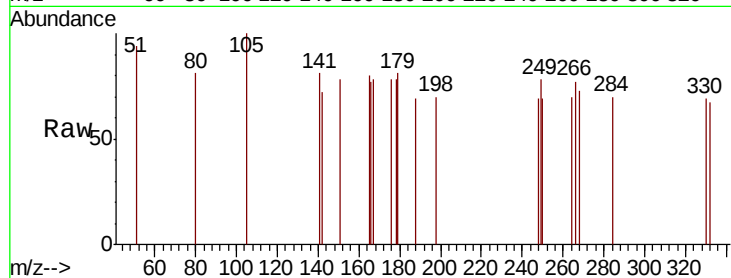




#22
 Pentachlorophenol
 Concen: 0.233 ng
 RT: 16.96 min Scan# 1100
 Delta R.T. 0.04 min
 Lab File: BE099880.D
 Acq: 8 Jun 2019 10:57

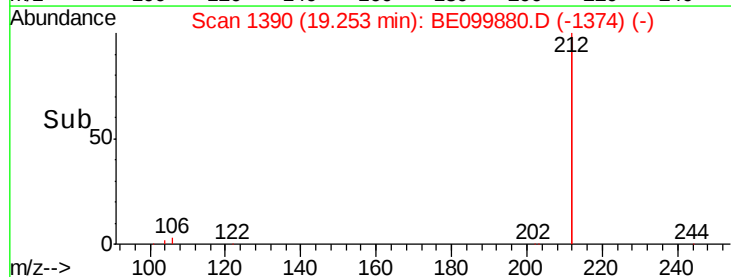
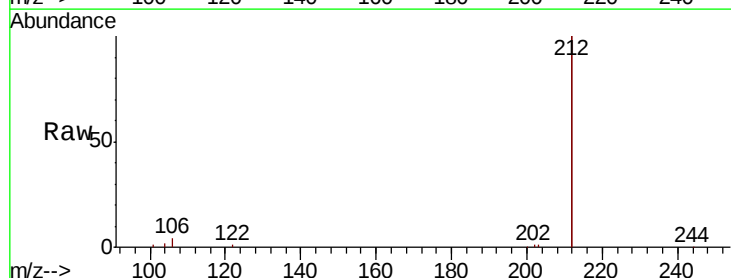
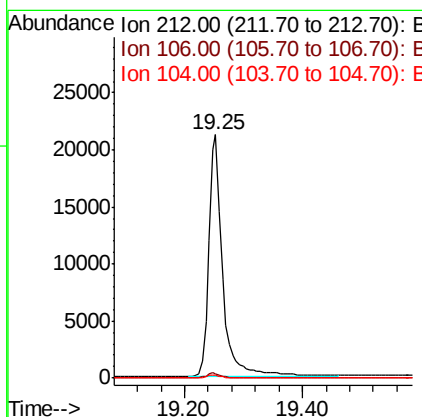
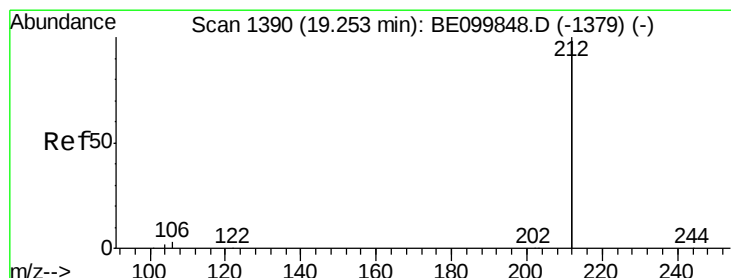
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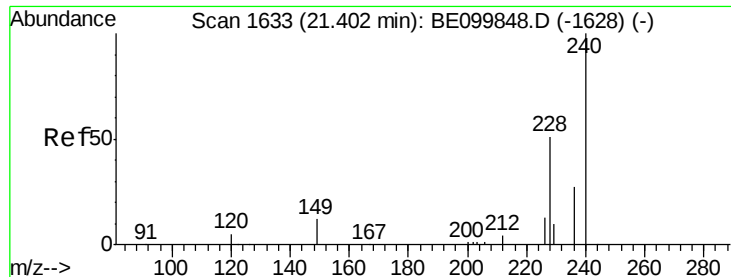
Tot Ion:266 Resp: 6
 Ion Ratio Lower Upper
 266 100
 264 91.8 64.9 97.3
 268 95.9 64.0 96.0



#25
 Fluoranthene-d10
 Concen: 0.373 ng
 RT: 19.25 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: BE099880.D
 Acq: 8 Jun 2019 10:57

Tgt Ion:212 Resp: 34450
 Ion Ratio Lower Upper
 212 100
 106 1.8 1.4 2.0
 104 1.0 0.8 1.2

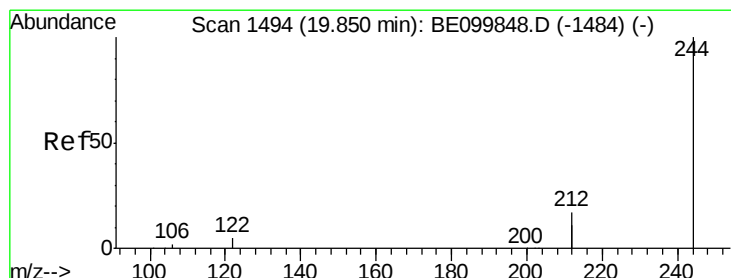
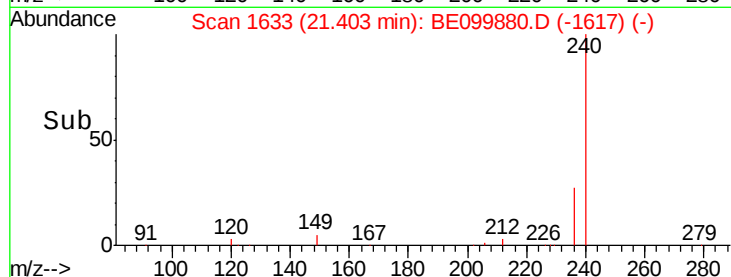
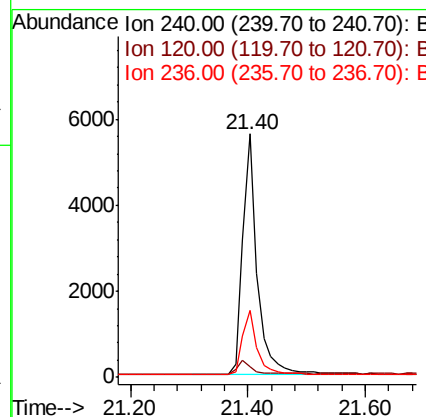
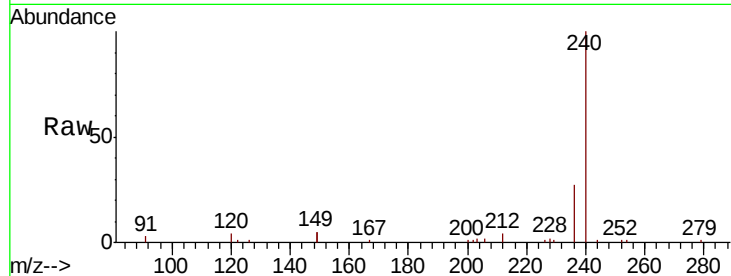




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1633
 Delta R.T. -0.01 min
 Lab File: BE099880.D
 Acq: 8 Jun 2019 10:57

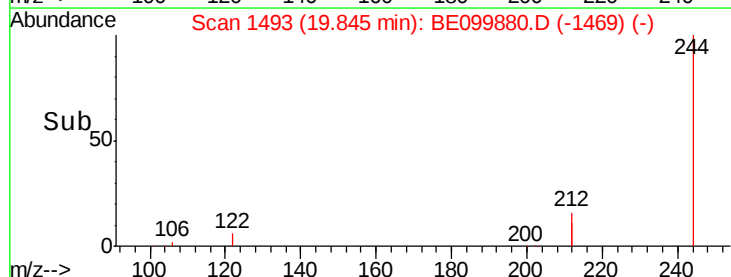
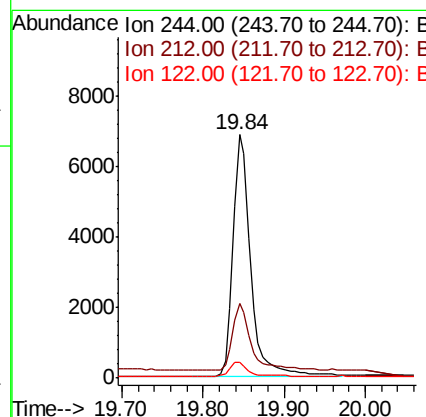
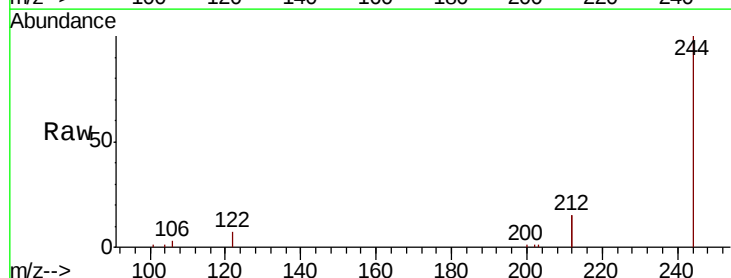
Instrument :
 BNA_E
 ClientSampleId :
 BP-HN-MW24IR-20190606

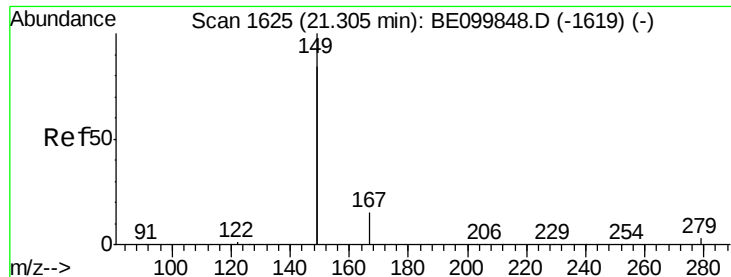
Tot Ion:240 Resp: 9777
 Ion Ratio Lower Upper
 240 100
 120 4.4 2.8 4.2#
 236 27.4 20.9 31.3



#29
 Terphenyl-d14
 Concen: 0.570 ng
 RT: 19.84 min Scan# 1493
 Delta R.T. -0.01 min
 Lab File: BE099880.D
 Acq: 8 Jun 2019 10:57

Tgt Ion:244 Resp: 10389
 Ion Ratio Lower Upper
 244 100
 212 30.8 23.7 35.5
 122 6.5 4.8 7.2

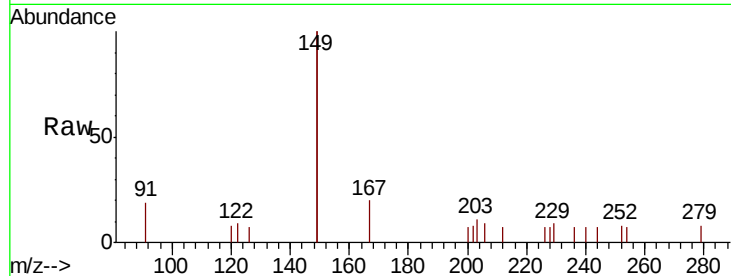




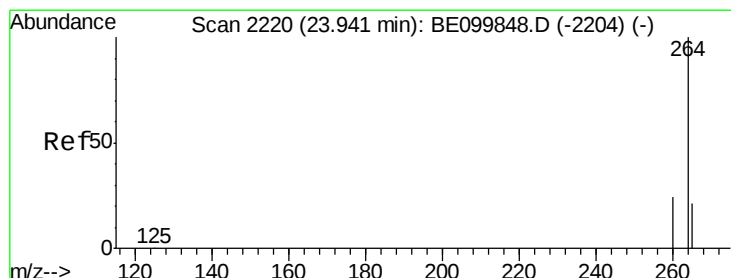
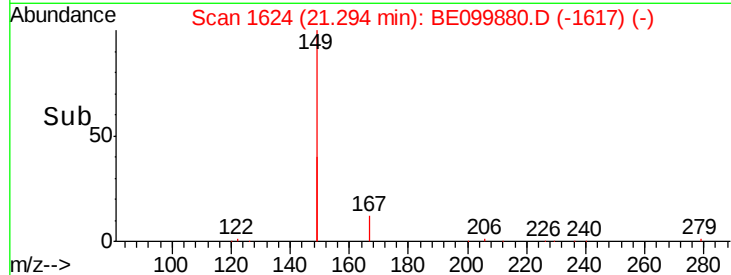
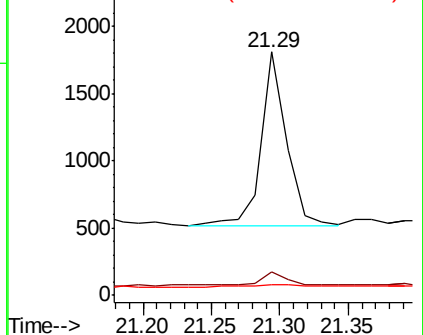
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.033 ng
 RT: 21.29 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BE099880.D
 Acq: 8 Jun 2019 10:57

Instrument :
 BNA_E
 ClientSampleId :
 BP-HN-MW24IR-20190606

Tot Ion:149 Resp: 1656
 Ion Ratio Lower Upper
 149 100
 167 7.2 6.0 9.0
 279 4.3 1.2 1.8#

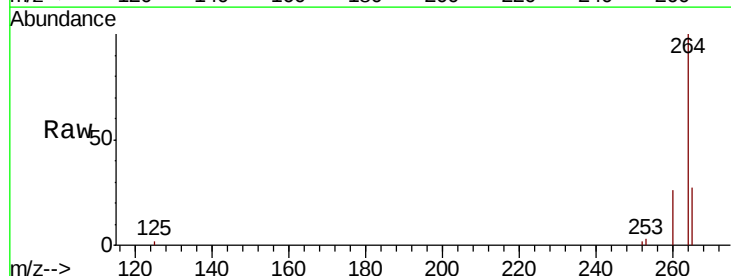


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.93 min Scan# 2217
 Delta R.T. -0.01 min
 Lab File: BE099880.D
 Acq: 8 Jun 2019 10:57

Tgt Ion:264 Resp: 11597
 Ion Ratio Lower Upper
 264 100
 260 25.8 20.0 30.0
 265 26.6 20.7 31.1



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

