

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031919\
 Data File : BE099061.D
 Acq On : 20 Mar 2019 7:40
 Operator : JU/SJ
 Sample : K1969-07
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-HN-MW29IR-20190316

Quant Time: Mar 20 10:35:47 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE030619.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Mar 15 05:31:33 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	683	0.40	ng	0.00
7) Naphthalene-d8	10.59	136	3048	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	2102	0.40	ng	0.00
19) Phenanthrene-d10	17.20	188	4687	0.40	ng	-0.01
27) Chrysene-d12	21.39	240	5771	0.40	ng	-0.01
34) Perylene-d12	23.88	264	5543	0.40	ng	-0.02

System Monitoring Compounds

4) 2-Fluorophenol	5.40	112	373	0.18	ng	0.01
5) Phenol-d6	7.00	99	283	0.10	ng	0.01
8) Nitrobenzene-d5	8.98	82	1189	0.37	ng	0.01
11) 2-Methylnaphthalene-d10	12.19	152	2139	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	442	0.42	ng	-0.01
15) 2-Fluorobiphenyl	13.07	172	3891	0.45	ng	-0.01
25) Fluoranthene-d10	19.24	212	29540	0.39	ng	-0.01
29) Terphenyl-d14	19.83	244	5758	0.41	ng	-0.01

Target Compounds

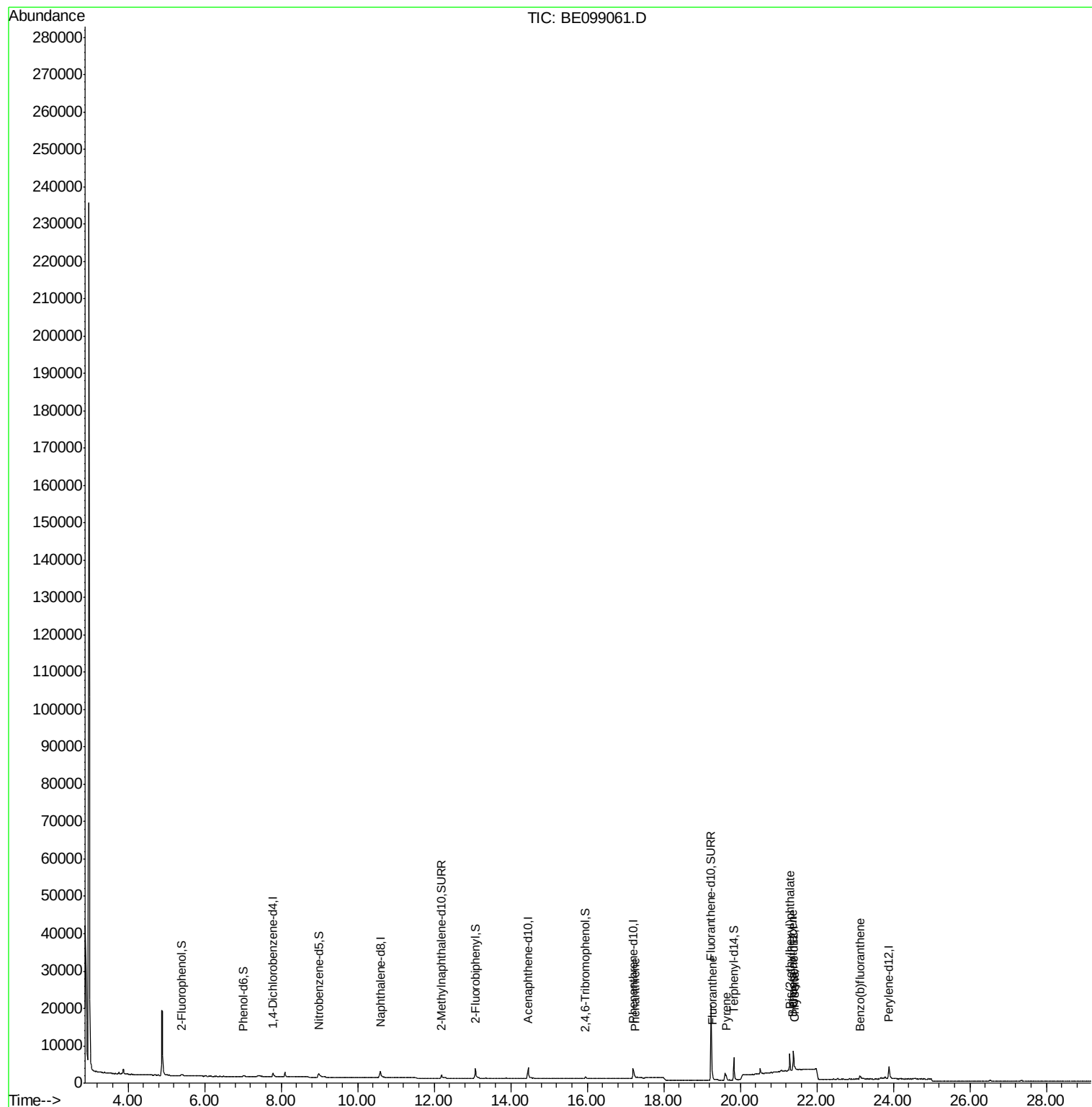
						Qvalue
23) Phenanthrene	17.24	178	596	0.045	ng	# 88
26) Fluoranthene	19.27	202	1543	0.082	ng	98
28) Pyrene	19.63	202	1329	0.075	ng	# 93
30) Benzo(a)anthracene	21.38	228	560	0.031	ng	# 68
31) Chrysene	21.43	228	736	0.038	ng	# 78
32) Bis(2-ethylhexyl)phthalate	21.29	149	4931	0.129	ng	99
35) Benzo(b)fluoranthene	23.14	252	1120	0.061	ng	# 11

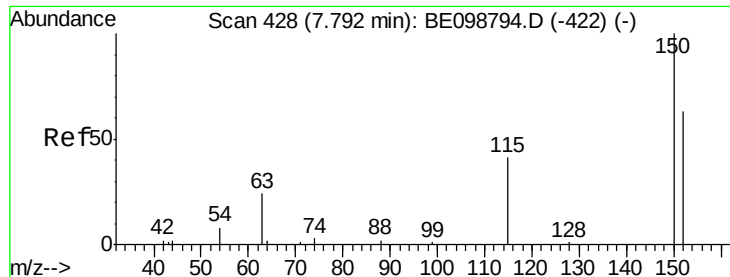
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031919\
Data File : BE099061.D
Acq On : 20 Mar 2019 7:40
Operator : JU/SJ
Sample : K1969-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
BP-HN-MW29IR-20190316

Quant Time: Mar 20 10:35:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE030619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 15 05:31:33 2019
Response via : Initial Calibration



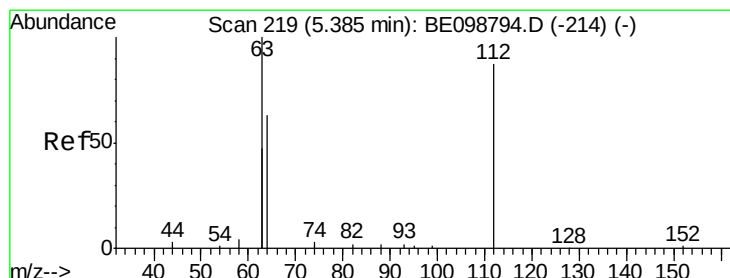
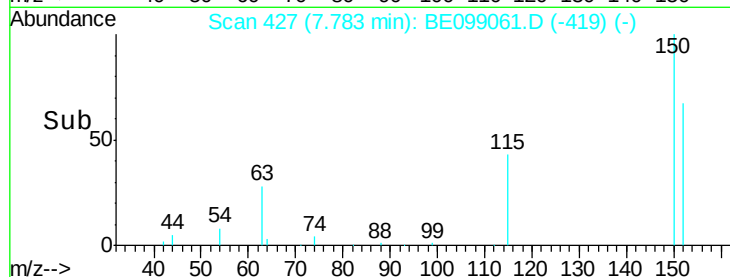
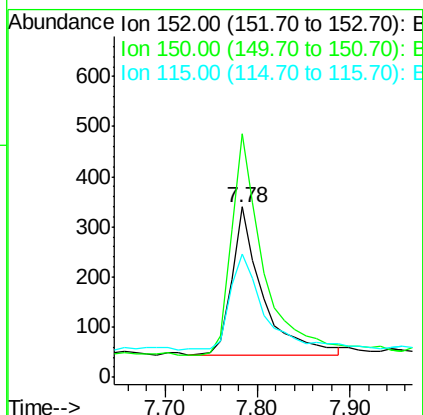
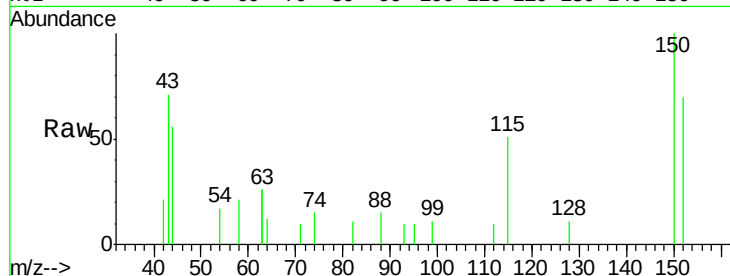


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.78 min Scan# 427
Delta R.T. -0.01 min
Lab File: BE099061.D
Acq: 20 Mar 2019 7:40

Instrument :
BNA_E
ClientSampleId :
BP-HN-MW29IR-20190316

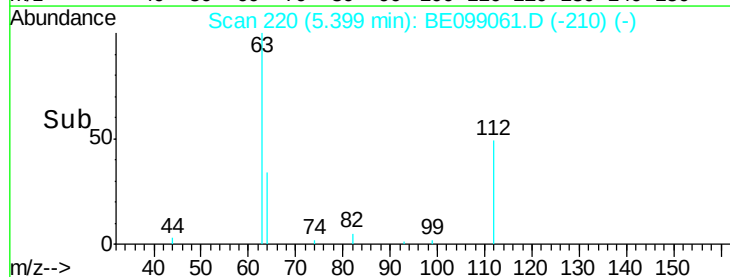
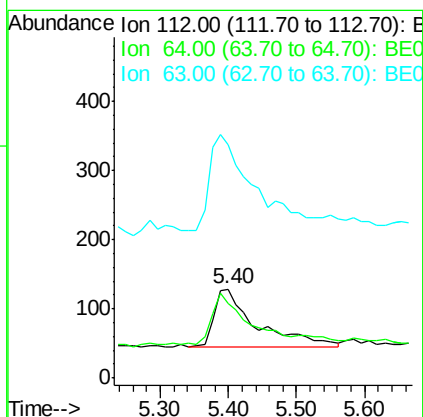
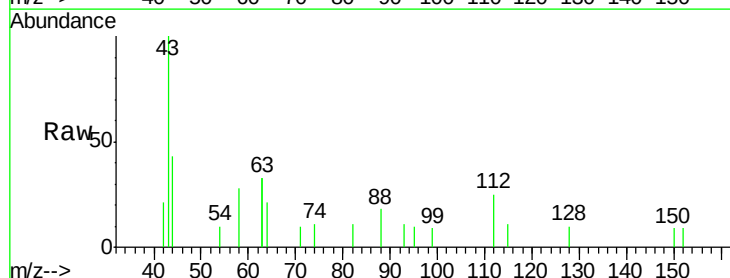
Tgt Ion:152 Resp: 683
Ion Ratio Lower Upper
152 100
150 142.9 122.5 183.7
115 72.4 57.4 86.2

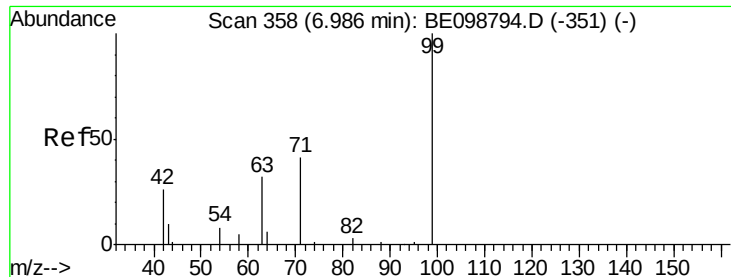


#4

2-Fluorophenol
Concen: 0.183 ng
RT: 5.40 min Scan# 220
Delta R.T. 0.01 min
Lab File: BE099061.D
Acq: 20 Mar 2019 7:40

Tgt Ion:112 Resp: 373
Ion Ratio Lower Upper
112 100
64 71.6 57.9 86.9
63 168.1 158.3 237.5





#5

Phenol-d6

Concen: 0.098 ng

RT: 7.00 min Scan# 359

Delta R.T. 0.01 min

Lab File: BE099061.D

Acq: 20 Mar 2019 7:40

Instrument :

BNA_E

ClientSampleId :

BP-HN-MW29IR-20190316

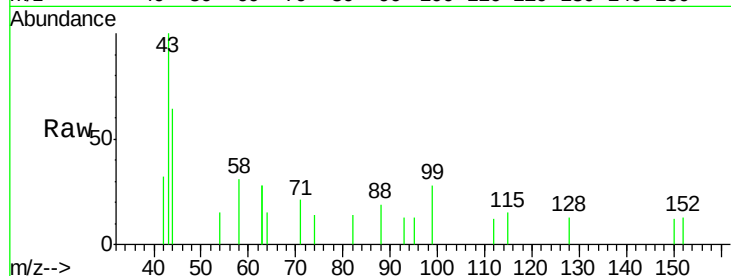
Tgt Ion: 99 Resp: 283

Ion Ratio Lower Upper

99 100

42 30.4 24.2 36.2

71 43.1 35.7 53.5



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

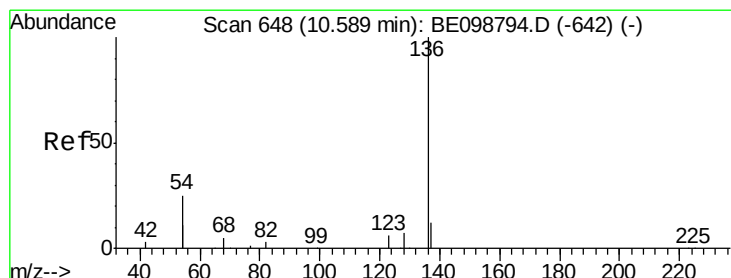
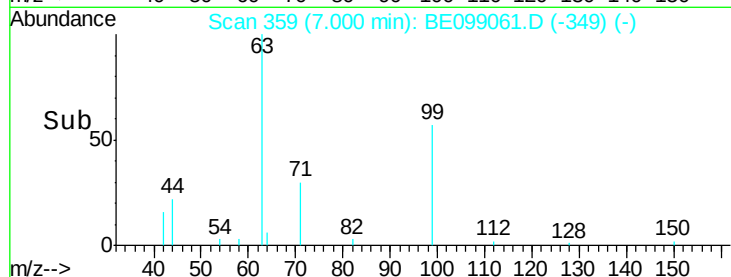
7.00

100

50

0

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.59 min Scan# 648

Delta R.T. -0.00 min

Lab File: BE099061.D

Acq: 20 Mar 2019 7:40

Tgt Ion: 136 Resp: 3048

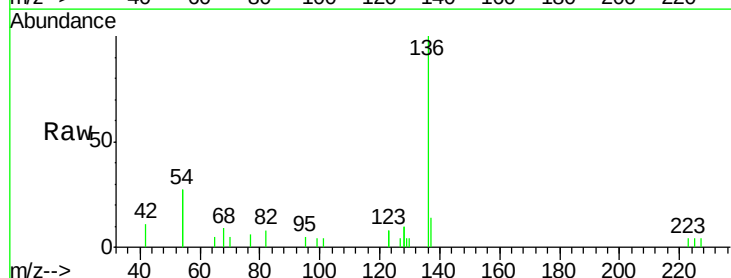
Ion Ratio Lower Upper

136 100

137 13.9 11.4 17.0

54 54.9 39.3 58.9

68 8.7 6.7 10.1



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

10.59

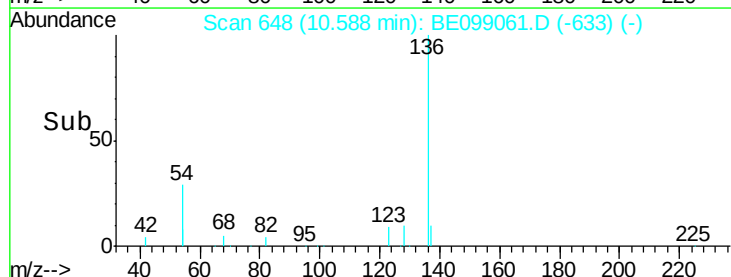
1500

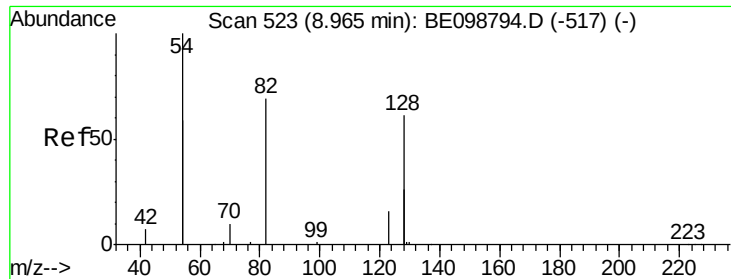
1000

500

0

Time-->





#8

Nitrobenzene-d5

Concen: 0.372 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE099061.D

Acq: 20 Mar 2019 7:40

Instrument :

BNA_E

ClientSampleId :

BP-HN-MW29IR-20190316

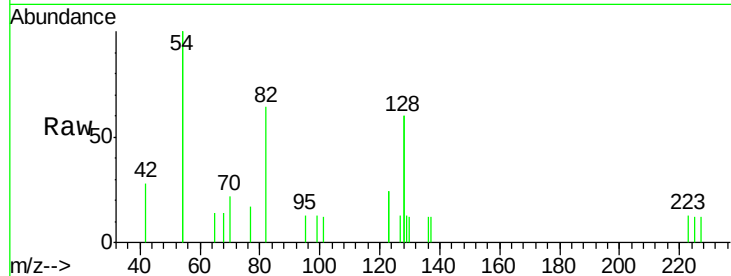
Tgt Ion: 82 Resp: 1189

Ion Ratio Lower Upper

82 100

128 186.9 123.8 185.8#

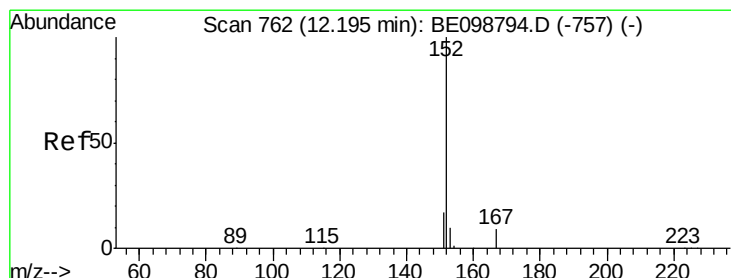
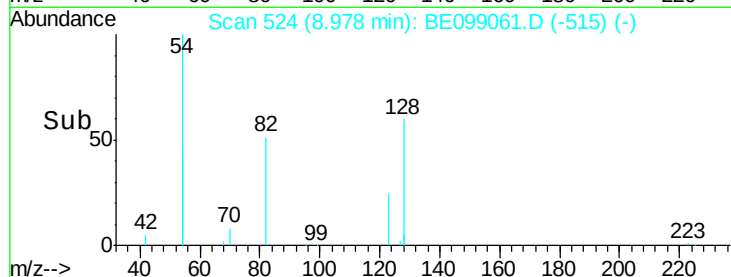
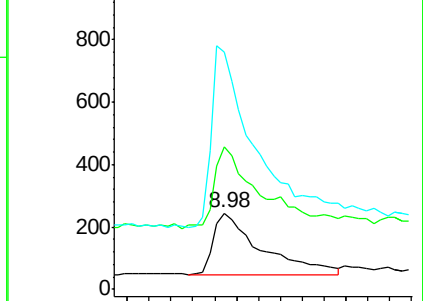
54 311.5 203.4 305.2#



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#11

2-Methylnaphthalene-d10

Concen: 0.380 ng

RT: 12.19 min Scan# 762

Delta R.T. 0.00 min

Lab File: BE099061.D

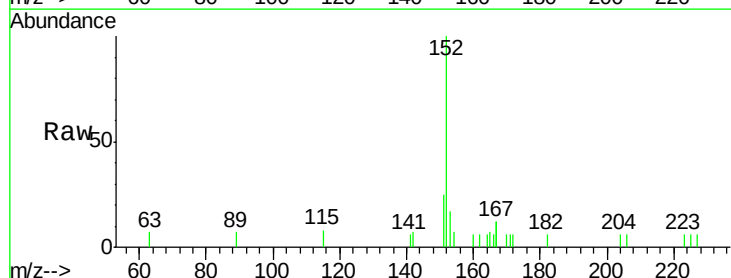
Acq: 20 Mar 2019 7:40

Tgt Ion: 152 Resp: 2139

Ion Ratio Lower Upper

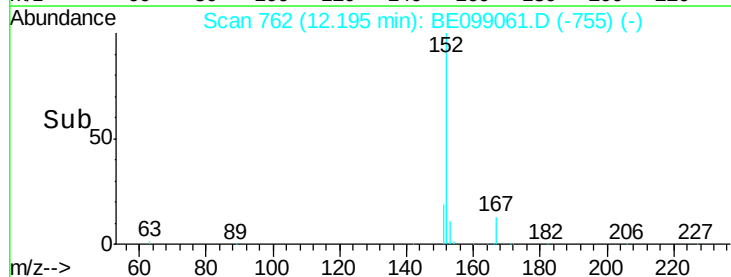
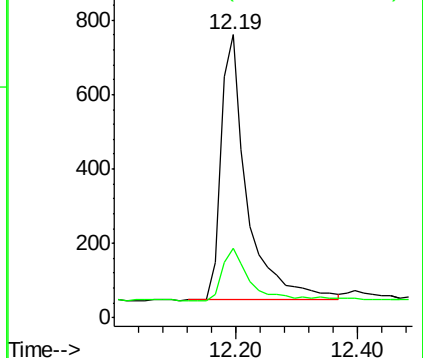
152 100

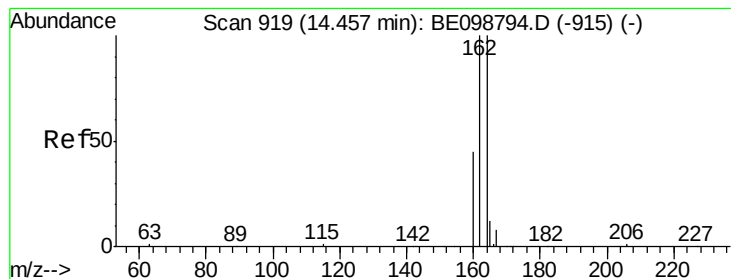
151 22.5 16.5 24.7



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: 14.46 min Scan# 919

Delta R.T. 0.00 min

Lab File: BE099061.D

Acq: 20 Mar 2019 7:40

Instrument :

BNA_E

ClientSampleId :

BP-HN-MW29IR-20190316

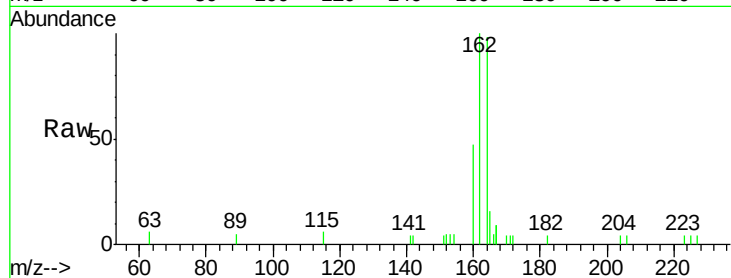
Tgt Ion:164 Resp: 2102

Ion Ratio Lower Upper

164 100

162 101.7 80.2 120.2

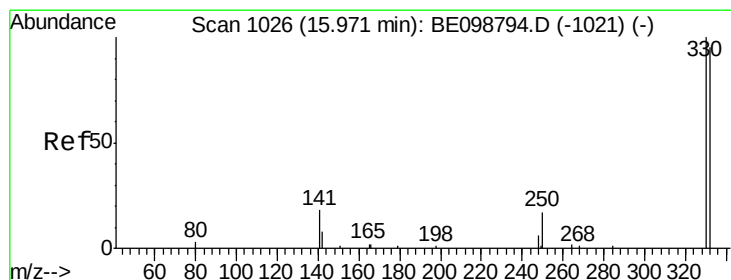
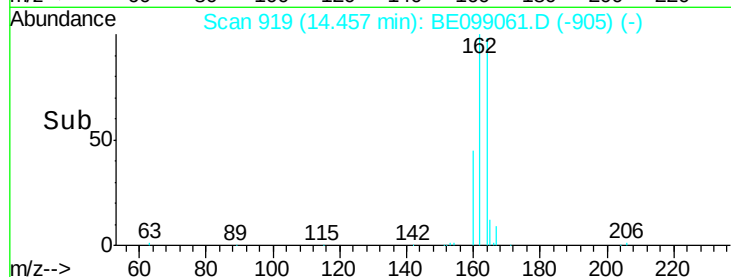
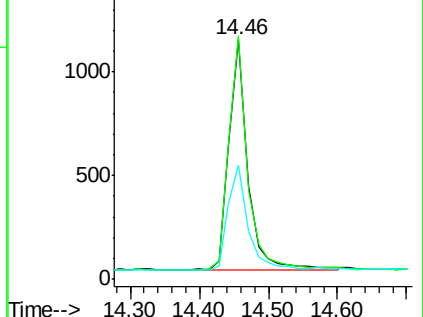
160 47.5 37.8 56.8



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: 0.417 ng

RT: 15.96 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BE099061.D

Acq: 20 Mar 2019 7:40

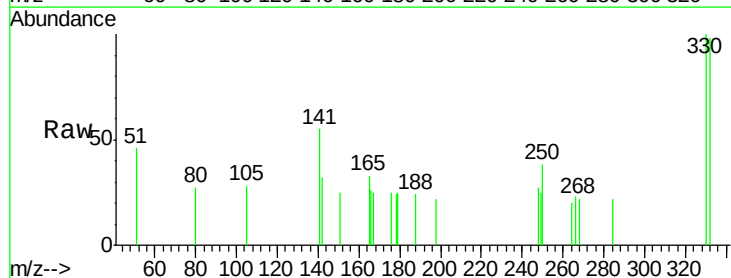
Tgt Ion:330 Resp: 442

Ion Ratio Lower Upper

330 100

332 94.1 77.6 116.4

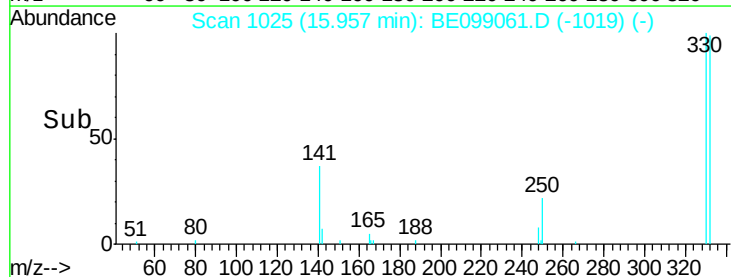
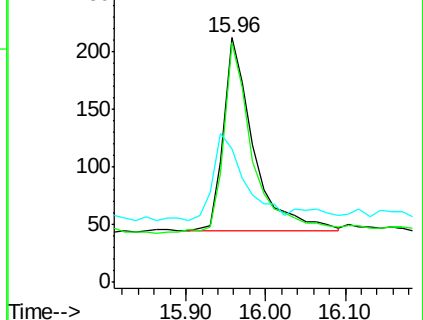
141 47.3 31.0 46.4#

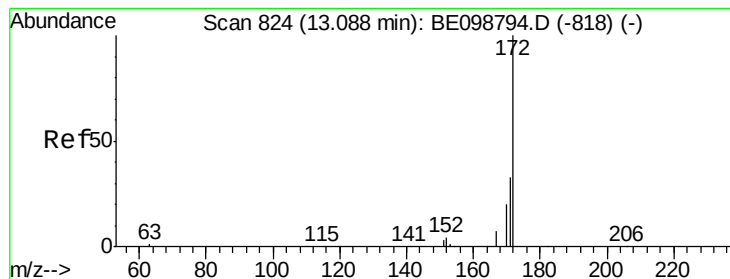


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.447 ng

RT: 13.07 min Scan# 823

Delta R.T. -0.01 min

Lab File: BE099061.D

Acq: 20 Mar 2019 7:40

Instrument :

BNA_E

ClientSampleId :

BP-HN-MW29IR-20190316

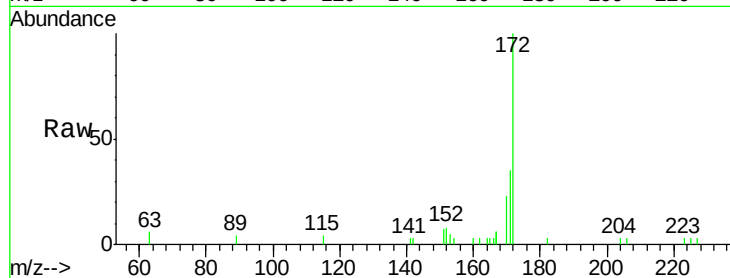
Tgt Ion:172 Resp: 3891

Ion Ratio Lower Upper

172 100

171 34.9 28.0 42.0

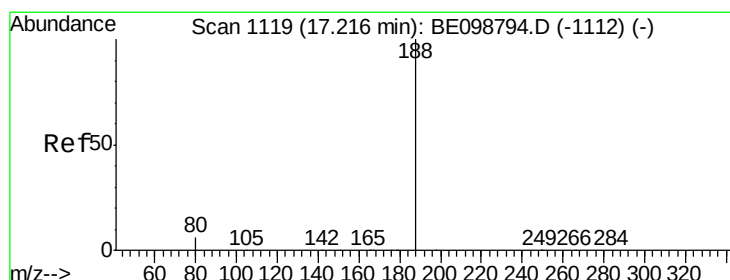
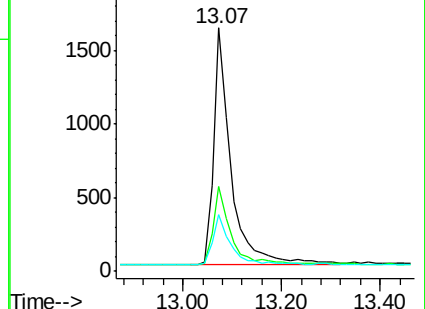
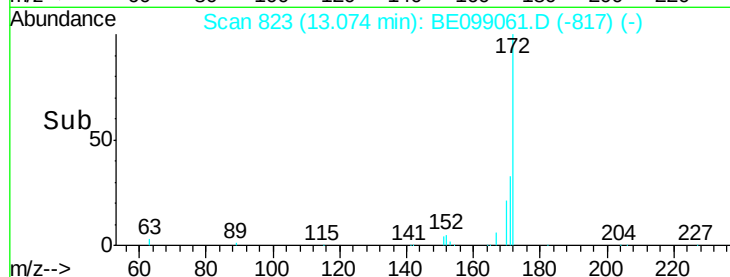
170 23.4 17.7 26.5



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: 17.20 min Scan# 1118

Delta R.T. -0.01 min

Lab File: BE099061.D

Acq: 20 Mar 2019 7:40

Tgt Ion:188 Resp: 4687

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

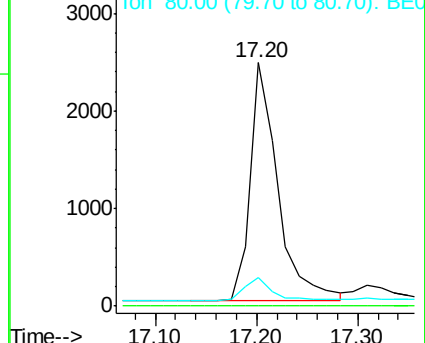
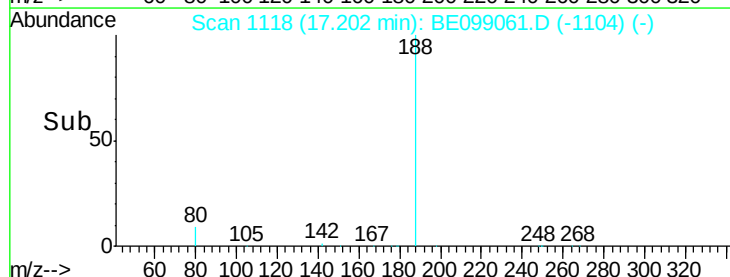
80 11.5 6.3 9.5#

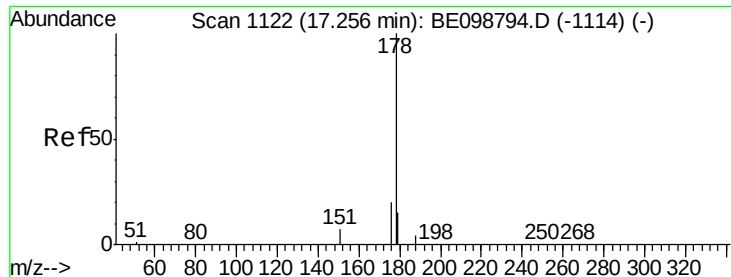


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#23

Phenanthrene

Concen: 0.045 ng

RT: 17.24 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BE099061.D

Acq: 20 Mar 2019 7:40

Instrument :

BNA_E

ClientSampleId :

BP-HN-MW29IR-20190316

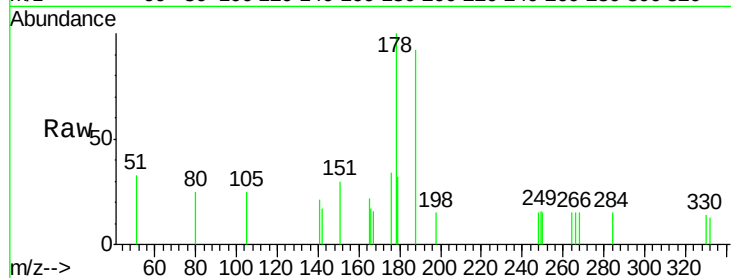
Tgt Ion:178 Resp: 596

Ion Ratio Lower Upper

178 100

176 24.0 16.0 24.0

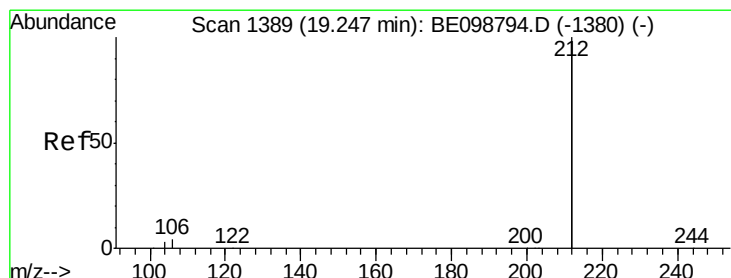
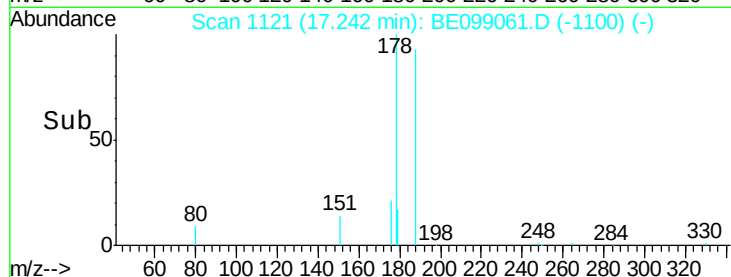
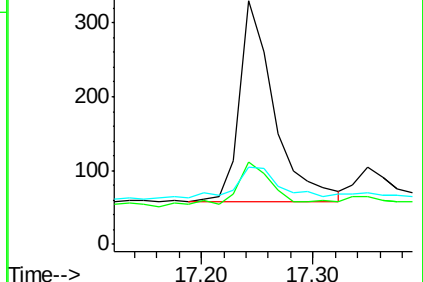
179 22.1 12.1 18.1#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#25

Fluoranthene-d10

Concen: 0.395 ng

RT: 19.24 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BE099061.D

Acq: 20 Mar 2019 7:40

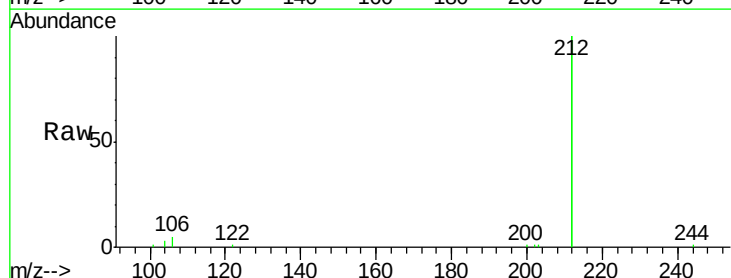
Tgt Ion:212 Resp: 29540

Ion Ratio Lower Upper

212 100

106 2.4 1.8 2.8

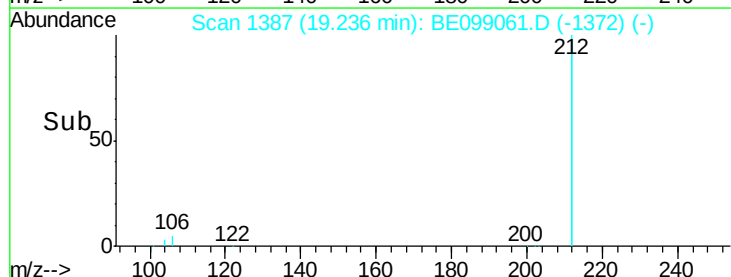
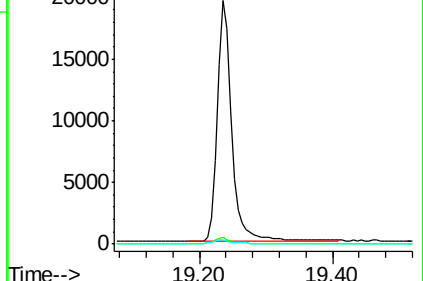
104 1.4 1.0 1.6

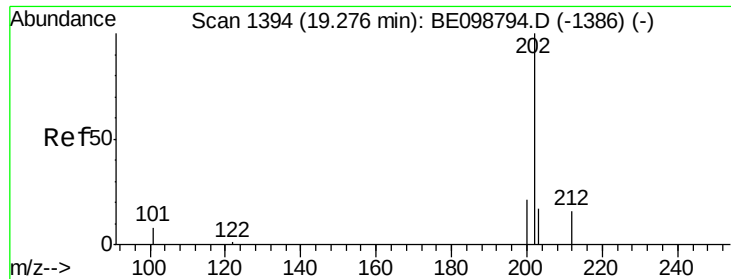


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

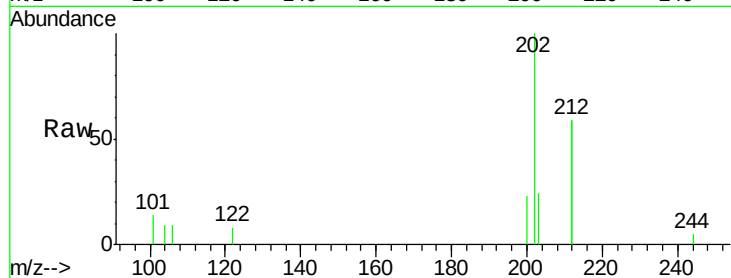




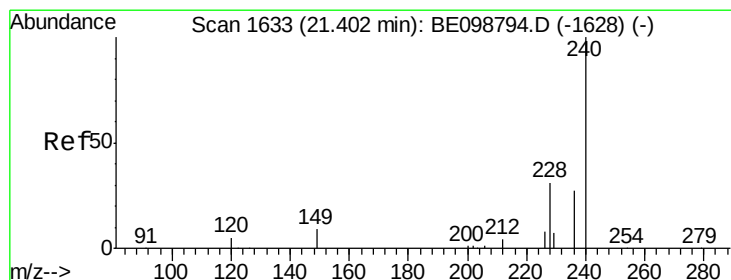
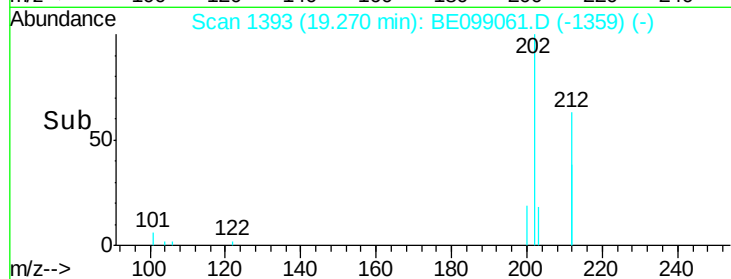
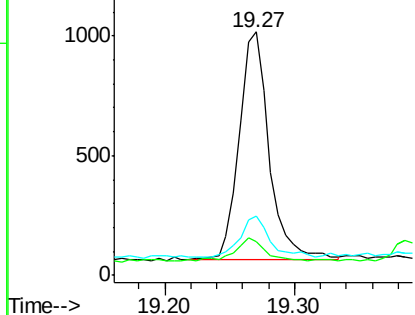
#26
 Fluoranthene
 Concen: 0.082 ng
 RT: 19.27 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BE099061.D
 Acq: 20 Mar 2019 7:40

Instrument :
 BNA_E
 ClientSampleId :
 BP-HN-MW29IR-20190316

Tgt Ion: 202 Resp: 1543
 Ion Ratio Lower Upper
 202 100
 101 10.2 7.3 10.9
 203 17.4 13.4 20.2

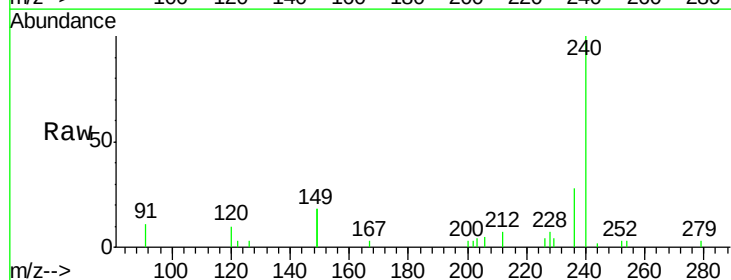


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

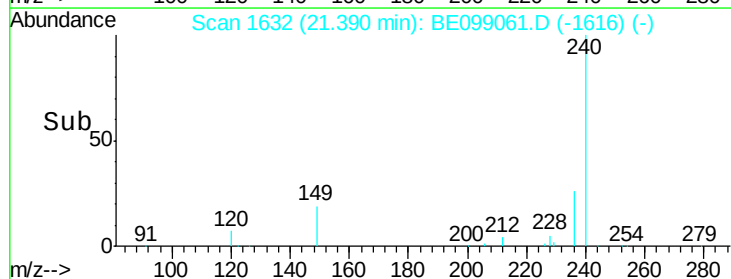
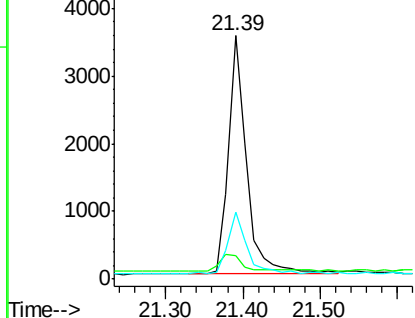


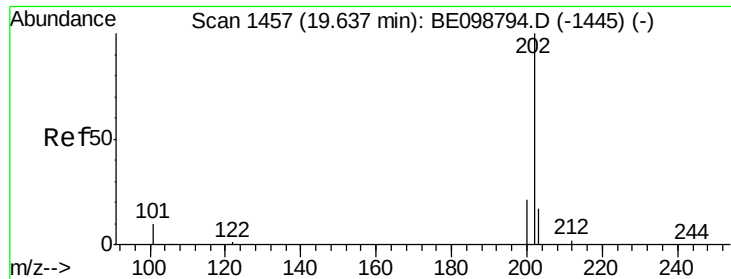
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.39 min Scan# 1632
 Delta R.T. -0.01 min
 Lab File: BE099061.D
 Acq: 20 Mar 2019 7:40

Tgt Ion: 240 Resp: 5771
 Ion Ratio Lower Upper
 240 100
 120 9.8 5.0 7.4#
 236 27.7 22.7 34.1



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

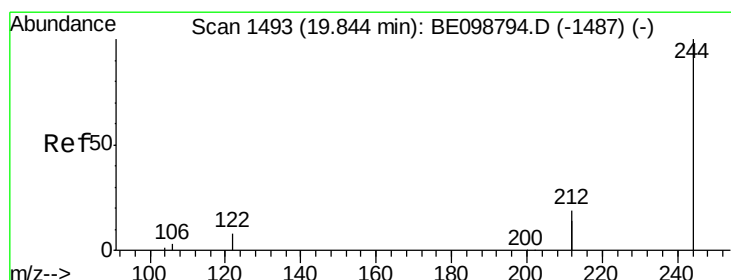
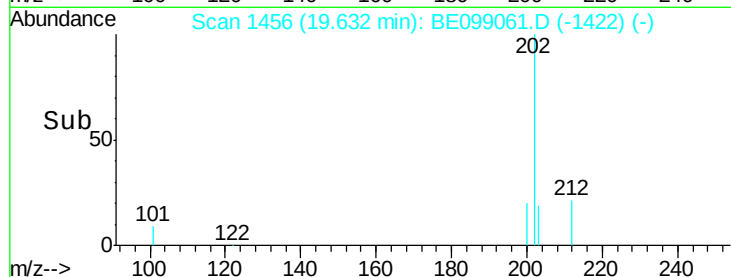
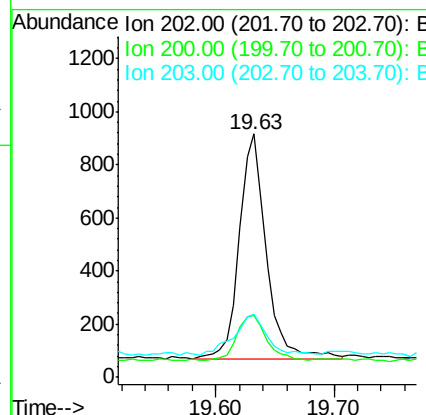
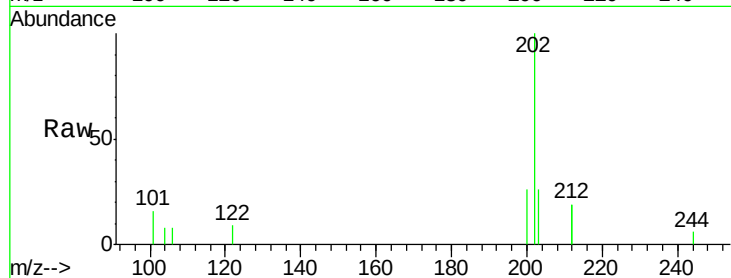




#28
 Pyrene
 Concen: 0.075 ng
 RT: 19.63 min Scan# 1456
 Delta R.T. -0.01 min
 Lab File: BE099061.D
 Acq: 20 Mar 2019 7:40

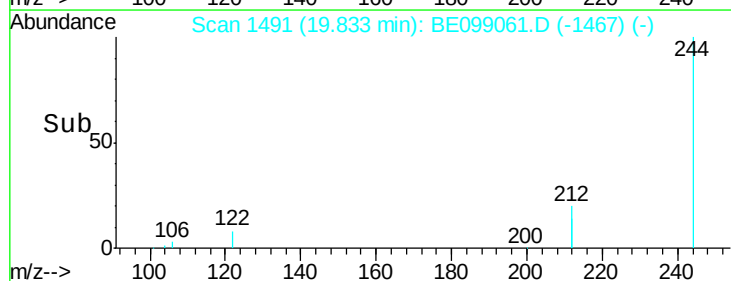
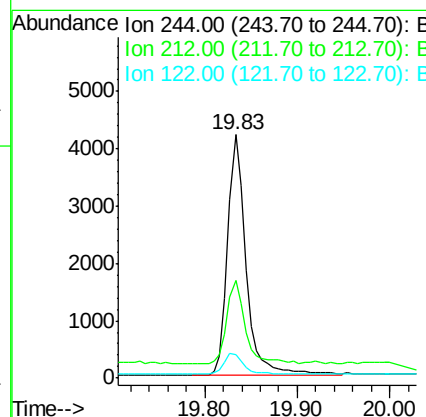
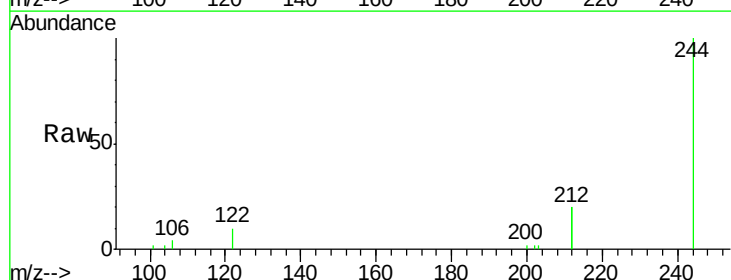
Instrument :
 BNA_E
 ClientSampleId :
 BP-HN-MW29IR-20190316

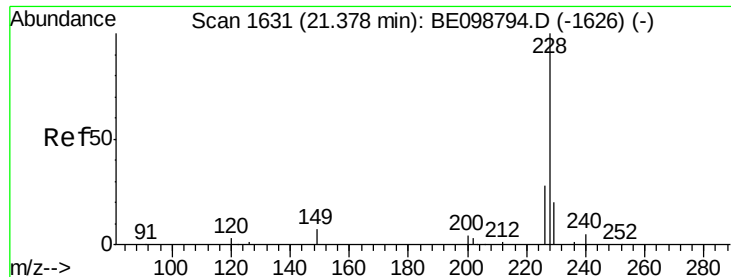
Tgt Ion: 202 Resp: 1329
 Ion Ratio Lower Upper
 202 100
 200 22.5 17.0 25.6
 203 23.1 14.2 21.2#



#29
 Terphenyl-d14
 Concen: 0.411 ng
 RT: 19.83 min Scan# 1491
 Delta R.T. -0.01 min
 Lab File: BE099061.D
 Acq: 20 Mar 2019 7:40

Tgt Ion: 244 Resp: 5758
 Ion Ratio Lower Upper
 244 100
 212 39.9 29.4 44.2
 122 9.6 7.1 10.7





#30

Benzo(a)anthracene

Concen: 0.031 ng

RT: 21.38 min Scan# 1631

Delta R.T. 0.00 min

Lab File: BE099061.D

Acq: 20 Mar 2019 7:40

Instrument :

BNA_E

ClientSampleId :

BP-HN-MW29IR-20190316

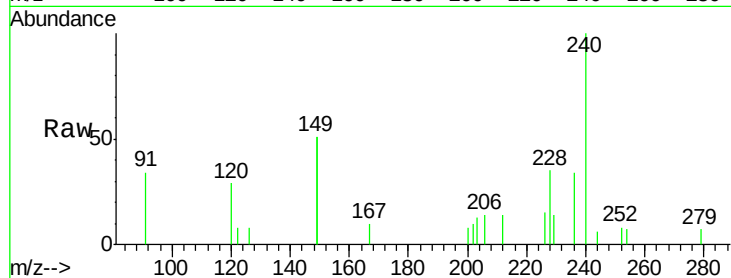
Tgt Ion:228 Resp: 560

Ion Ratio Lower Upper

228 100

226 42.8 23.0 34.4#

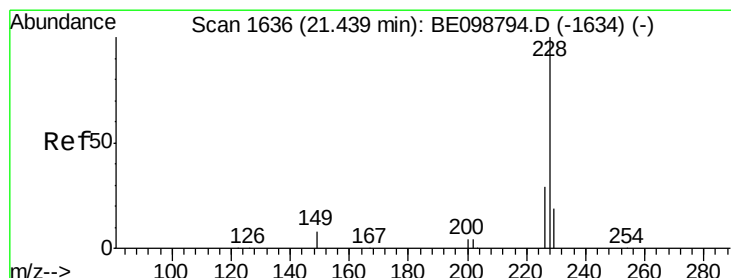
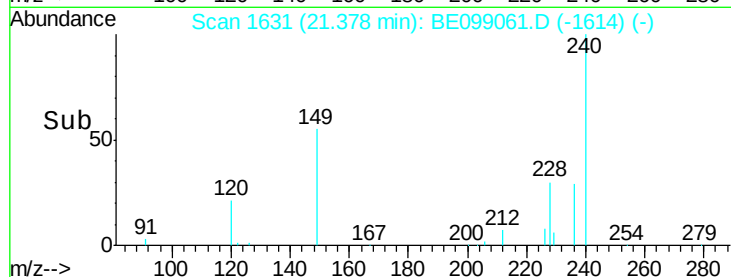
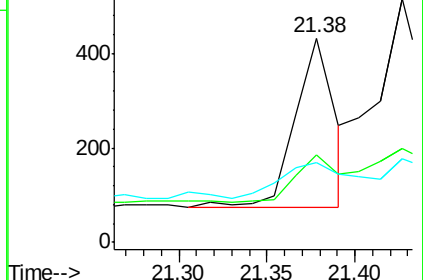
229 39.1 16.5 24.7#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#31

Chrysene

Concen: 0.038 ng

RT: 21.43 min Scan# 1635

Delta R.T. -0.01 min

Lab File: BE099061.D

Acq: 20 Mar 2019 7:40

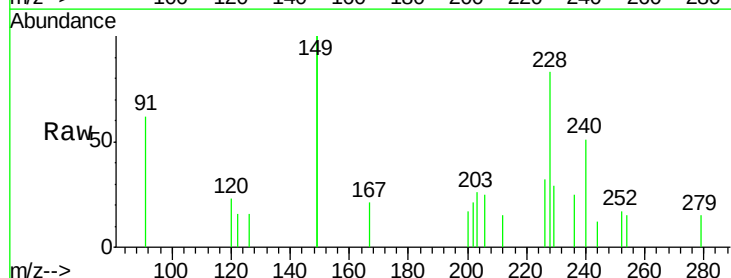
Tgt Ion:228 Resp: 736

Ion Ratio Lower Upper

228 100

226 38.4 23.7 35.5#

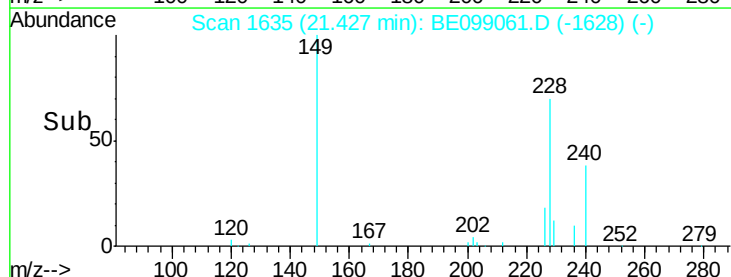
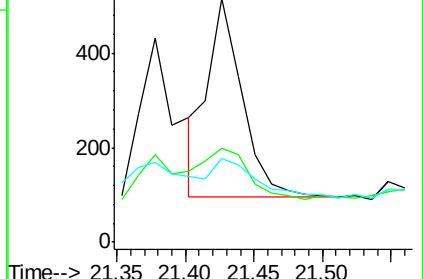
229 34.6 16.1 24.1#

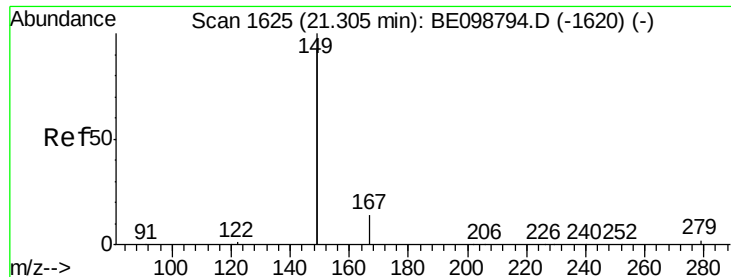


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

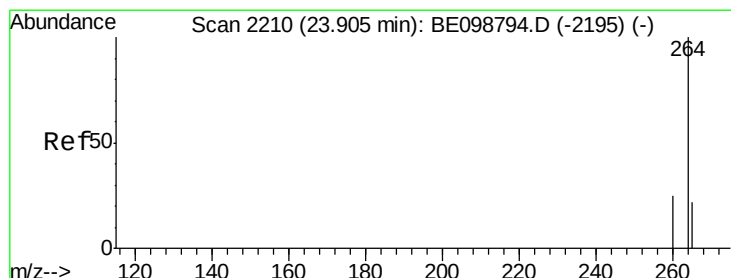
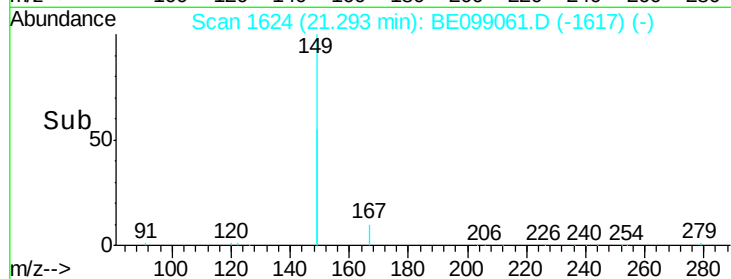
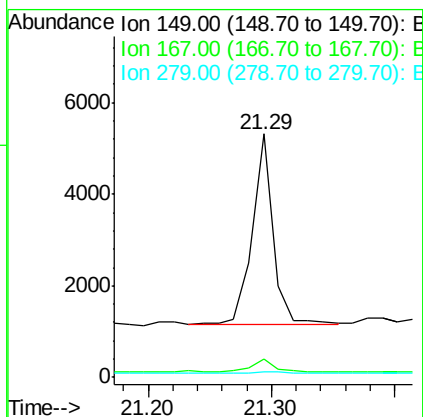
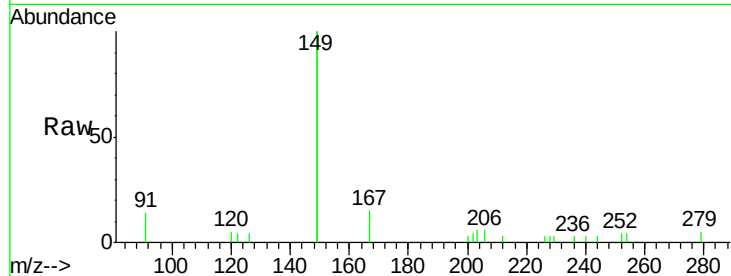




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.129 ng
 RT: 21.29 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BE099061.D
 Acq: 20 Mar 2019 7:40

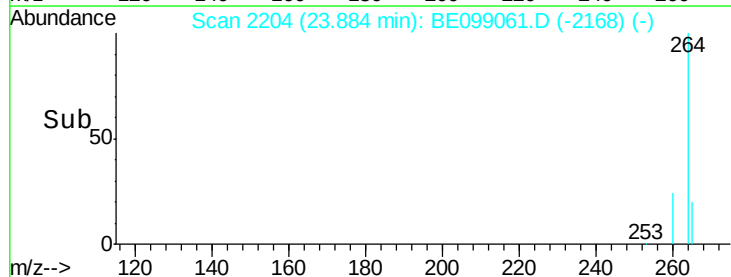
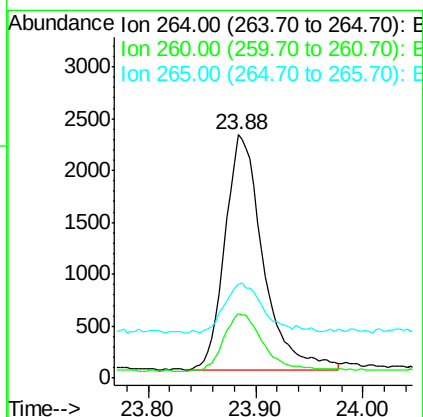
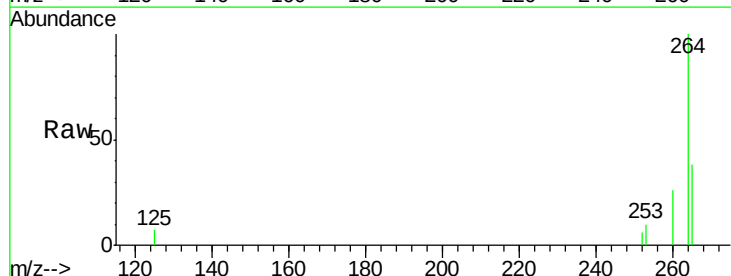
Instrument :
 BNA_E
 ClientSampleId :
 BP-HN-MW29IR-20190316

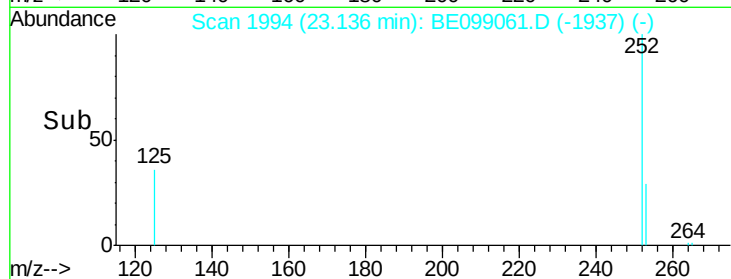
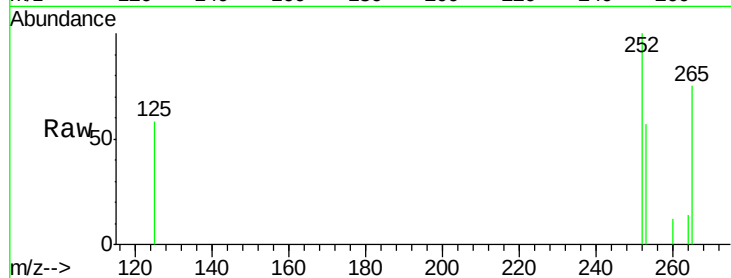
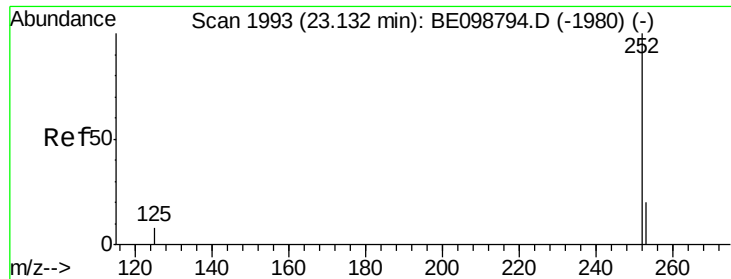
Tgt Ion:149 Resp: 4931
 Ion Ratio Lower Upper
 149 100
 167 6.9 5.4 8.0
 279 1.2 1.0 1.4



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.88 min Scan# 2204
 Delta R.T. -0.02 min
 Lab File: BE099061.D
 Acq: 20 Mar 2019 7:40

Tgt Ion:264 Resp: 5543
 Ion Ratio Lower Upper
 264 100
 260 26.3 21.2 31.8
 265 38.4 24.6 36.8#





#35

Benzo(b)fluoranthene

Concen: 0.061 ng

RT: 23.14 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BE099061.D

Acq: 20 Mar 2019 7:40

Instrument :

BNA_E

ClientSampleId :

BP-HN-MW29IR-20190316

Tgt Ion: 252 Resp: 1120

Ion Ratio Lower Upper

252 100

253 56.8 18.2 27.2#

125 57.7 7.3 10.9#

