

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031919\
 Data File : BE099051.D
 Acq On : 20 Mar 2019 1:30
 Operator : JU/SJ
 Sample : K1965-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-HN-MW24IR-20190315

Quant Time: Mar 20 05:13:01 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	7.80	152	804	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3091	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2271	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	5090	0.40	ng	0.00
27) Chrysene-d12	21.40	240	6176	0.40	ng	0.00
34) Perylene-d12	23.89	264	5478	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.41	112	456	0.19	ng	0.03
5) Phenol-d6	6.99	99	380	0.11	ng	0.00
8) Nitrobenzene-d5	8.99	82	1365	0.42	ng	0.03
11) 2-Methylnaphthalene-d10	12.20	152	2681	0.47	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	414	0.36	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	4388	0.47	ng	0.00
25) Fluoranthene-d10	19.24	212	37123	0.46	ng	0.00
29) Terphenyl-d14	19.83	244	6794	0.45	ng	-0.01

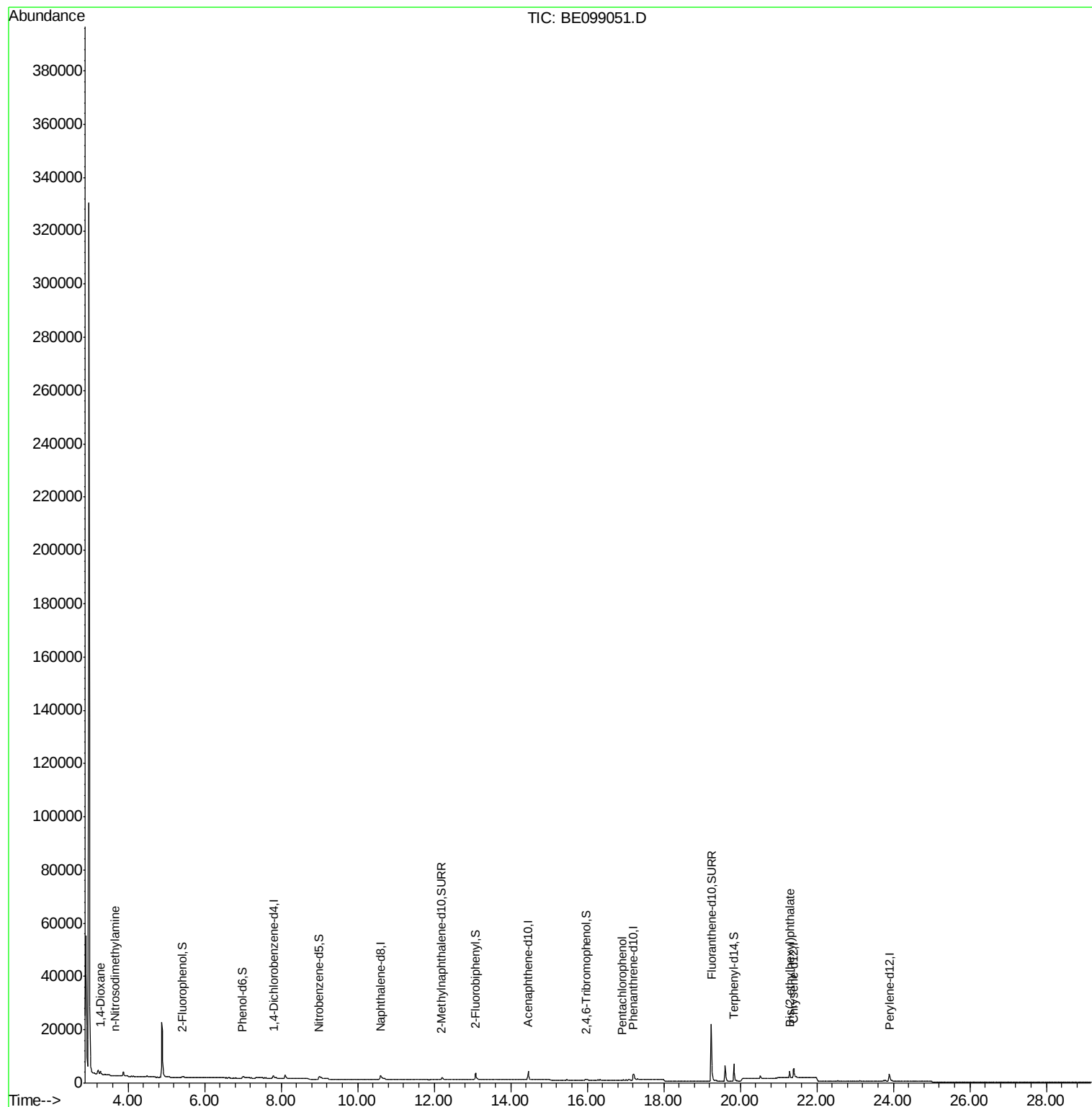
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.28	88	654	0.424	ng	# 90
3) n-Nitrosodimethylamine	3.66	42	88	0.043	ng	# 18
22) Pentachlorophenol	16.92	266	40	0.300	ng	87
32) Bis(2-ethylhexyl)phthalate	21.29	149	3040	0.074	ng	# 99

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

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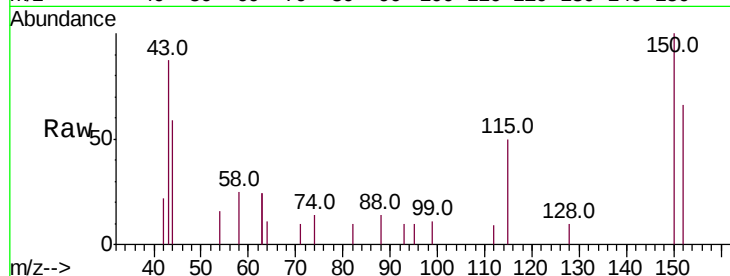


#1

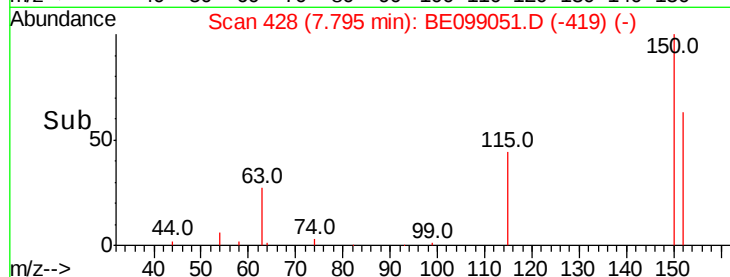
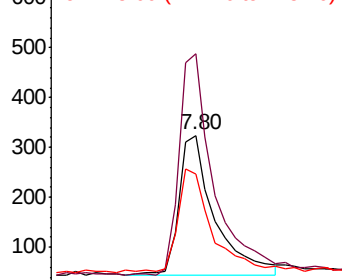
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE099051.D
Acq: 20 Mar 2019 1:30

Instrument :
BNA_E
ClientSampleId :
BP-HN-MW24IR-20190315

Tot Ion:152 Resp: 804
Ion Ratio Lower Upper
152 100
150 150.6 122.5 183.7
115 75.9 57.4 86.2



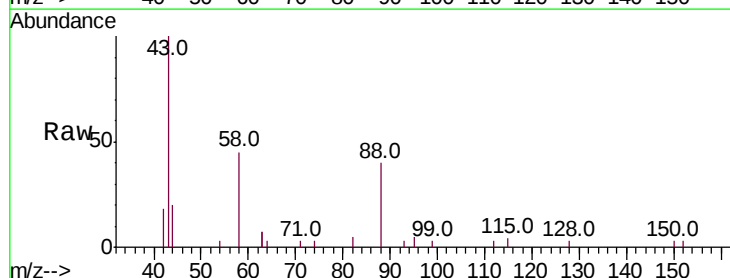
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



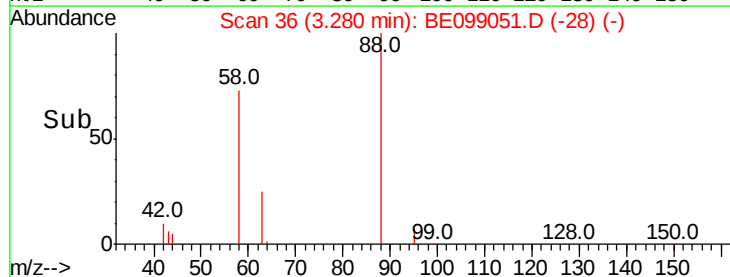
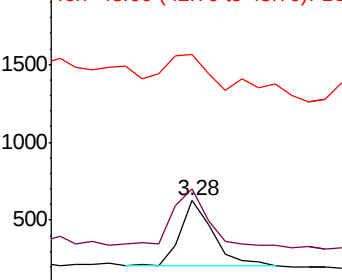
#2

1,4-Dioxane
Concen: 0.424 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE099051.D
Acq: 20 Mar 2019 1:30

Tgt Ion: 88 Resp: 654
Ion Ratio Lower Upper
88 100
58 90.2 75.8 113.6
43 65.7 41.8 62.8#



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: 0.043 ng

RT: 3.66 min Scan# 69

Delta R.T. 0.04 min

Lab File: BE099051.D

Acq: 20 Mar 2019 1:30

Instrument :

BNA_E

ClientSampleId :

BP-HN-MW24IR-20190315

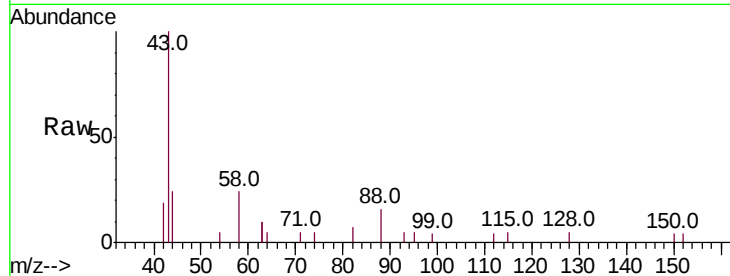
Tot Ion: 42 Resp: 88

Ion Ratio Lower Upper

42 100

74 3.4 57.0 85.4#

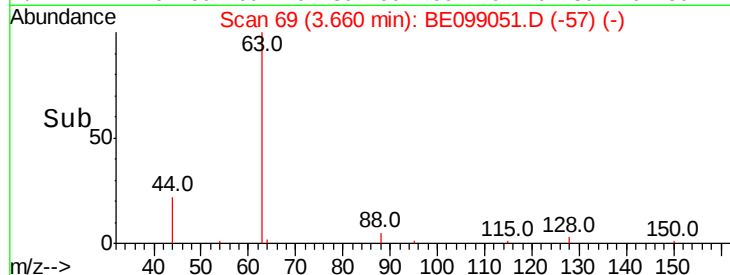
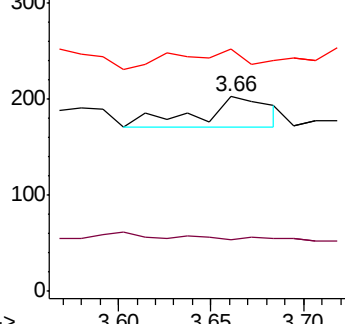
44 58.0 0.0 0.0#



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: 0.190 ng

RT: 5.41 min Scan# 221

Delta R.T. 0.03 min

Lab File: BE099051.D

Acq: 20 Mar 2019 1:30

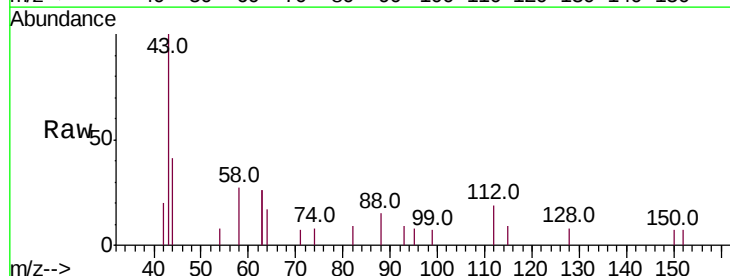
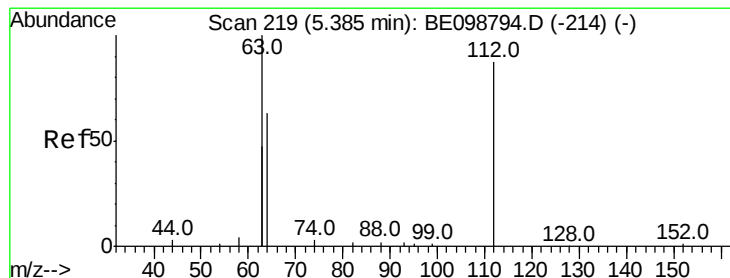
Tgt Ion: 112 Resp: 456

Ion Ratio Lower Upper

112 100

64 81.6 57.9 86.9

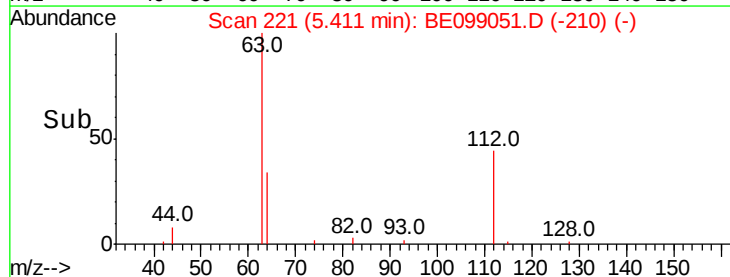
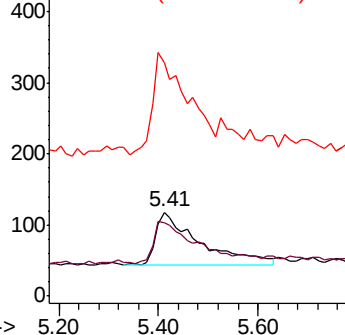
63 157.2 158.3 237.5#

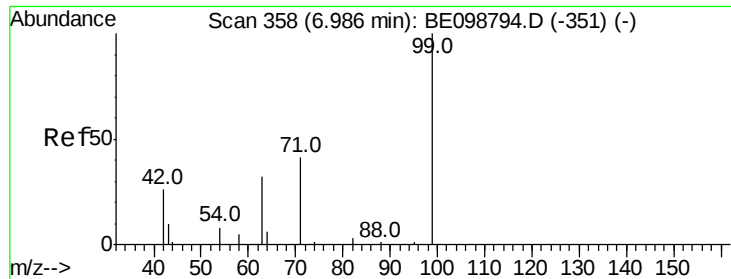


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.112 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.00 min

Lab File: BE099051.D

Acq: 20 Mar 2019 1:30

Instrument :

BNA_E

ClientSampleId :

BP-HN-MW24IR-20190315

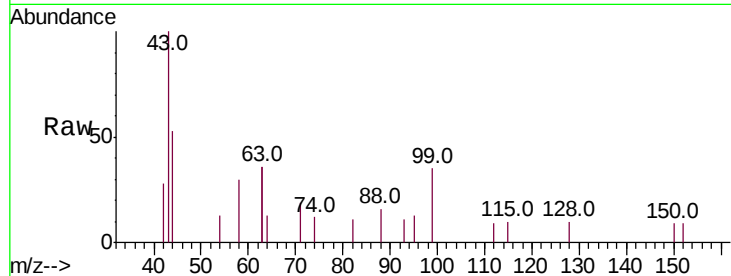
Tot Ion: 99 Resp: 380

Ion Ratio Lower Upper

99 100

42 57.4 24.2 36.2#

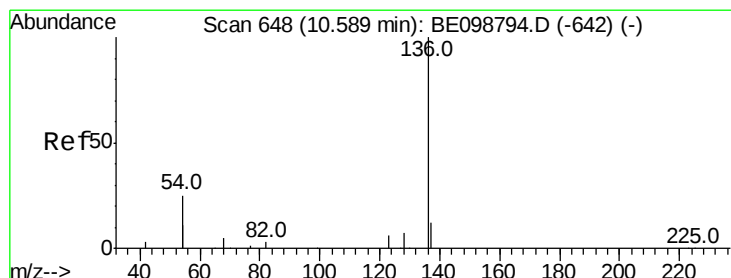
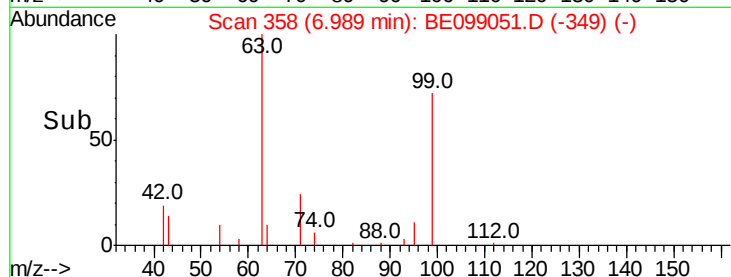
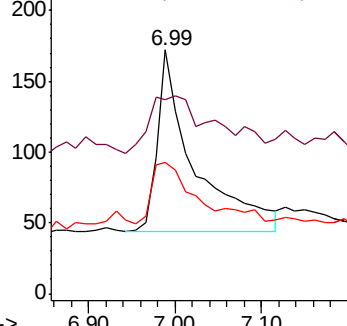
71 43.7 35.7 53.5



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

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. 0.01 min

Lab File: BE099051.D

Acq: 20 Mar 2019 1:30

Tgt Ion: 136 Resp: 3091

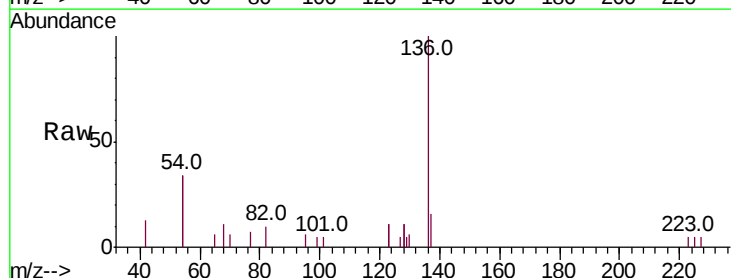
Ion Ratio Lower Upper

136 100

137 16.4 11.4 17.0

54 68.2 39.3 58.9#

68 11.4 6.7 10.1#

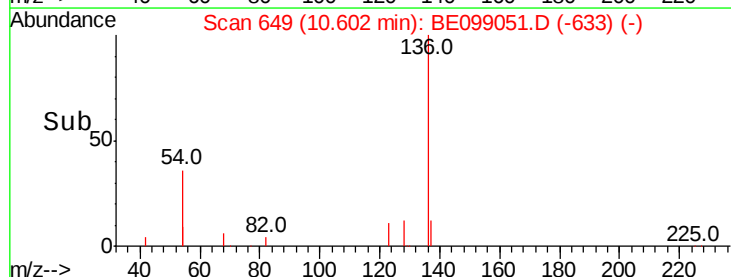
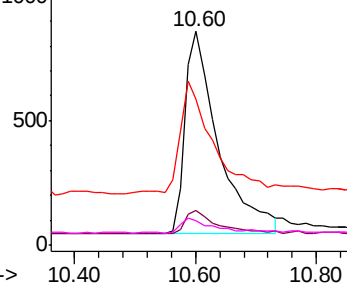


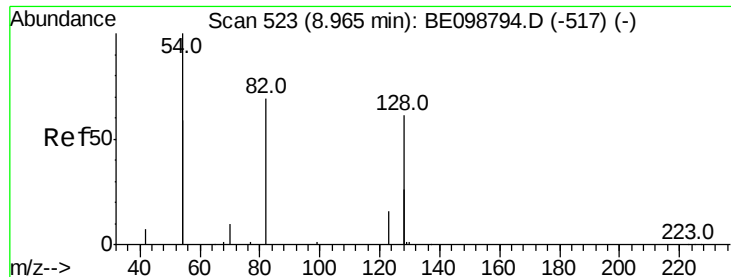
Abundance Ion 136.00 (135.70 to 136.70): E

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

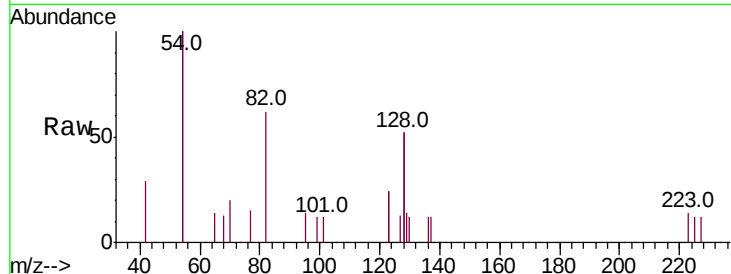




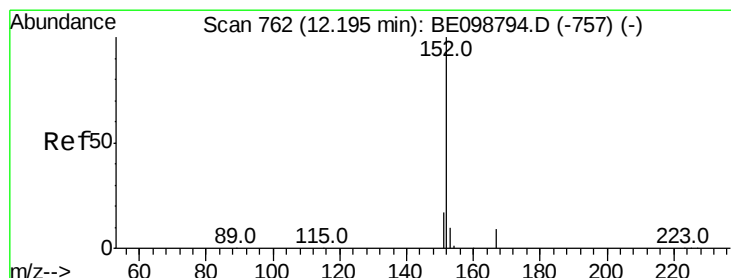
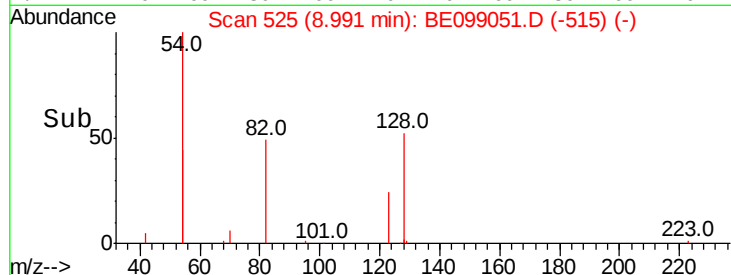
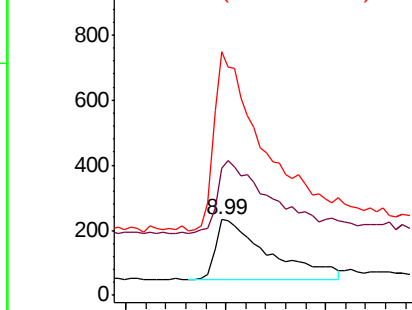
#8
 Nitrobenzene-d5
 Concen: 0.421 ng
 RT: 8.99 min Scan# 525
 Delta R.T. 0.03 min
 Lab File: BE099051.D
 Acq: 20 Mar 2019 1:30

Instrument :
 BNA_E
 ClientSampleId :
 BP-HN-MW24IR-20190315

Tot Ion	82	Resp	1365
Ion Ratio	Lower	Upper	
82	100		
128	169.0	123.8	185.8
54	322.4	203.4	305.2#

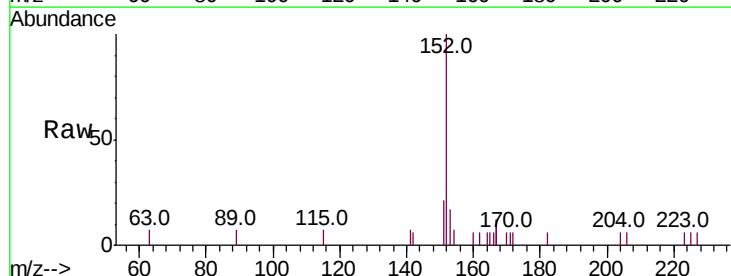


Abundance Ion 82.00 (81.70 to 82.70): BE0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BE0

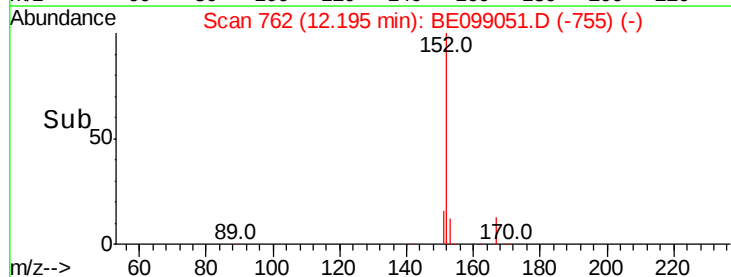
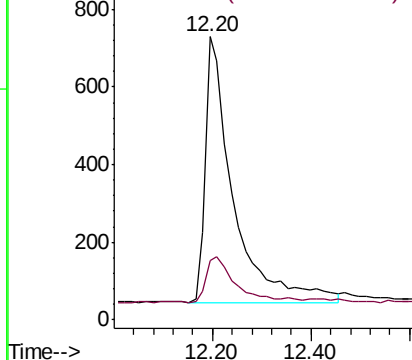


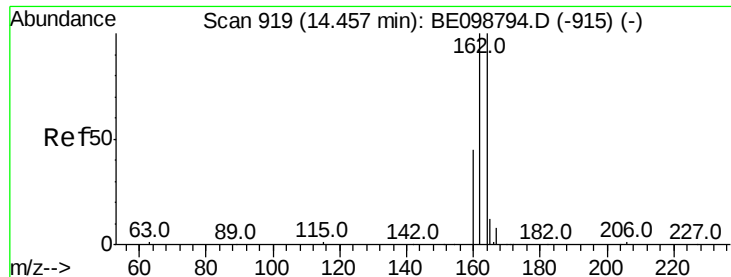
#11
 2-Methylnaphthalene-d10
 Concen: 0.469 ng
 RT: 12.20 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BE099051.D
 Acq: 20 Mar 2019 1:30

Tgt Ion	152	Resp	2681
Ion Ratio	Lower	Upper	
152	100		
151	18.4	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: BE099051.D

Acq: 20 Mar 2019 1:30

Instrument :

BNA_E

ClientSampleId :

BP-HN-MW24IR-20190315

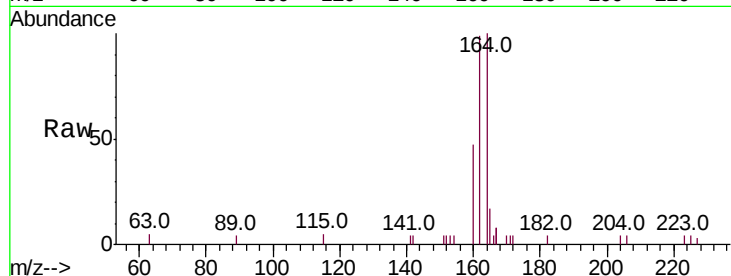
Tot Ion:164 Resp: 2271

Ion Ratio Lower Upper

164 100

162 99.4 80.2 120.2

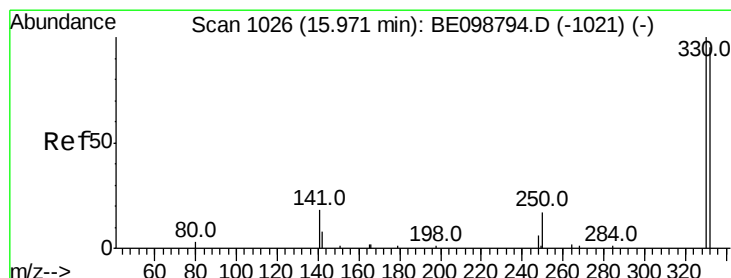
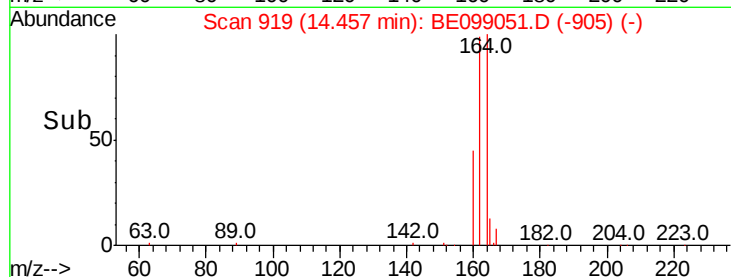
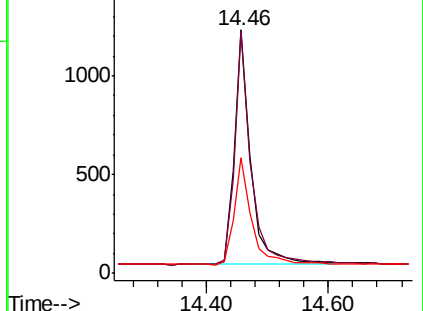
160 47.2 37.8 56.8



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: 0.361 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BE099051.D

Acq: 20 Mar 2019 1:30

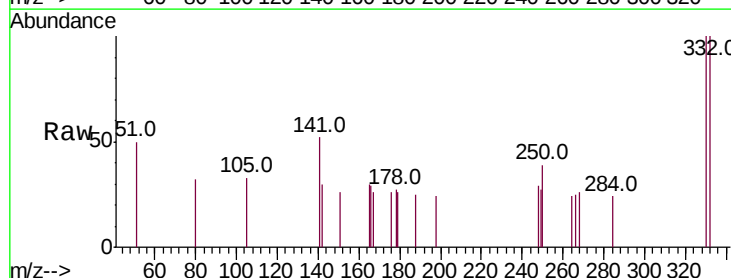
Tgt Ion:330 Resp: 414

Ion Ratio Lower Upper

330 100

332 102.9 77.6 116.4

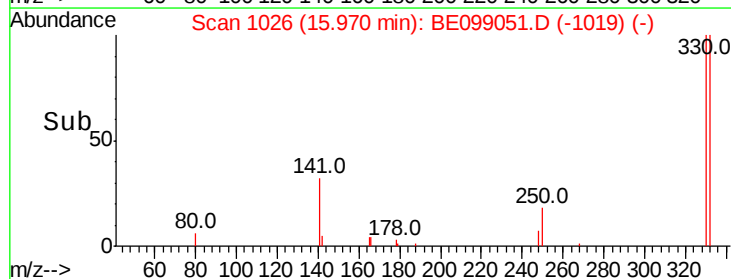
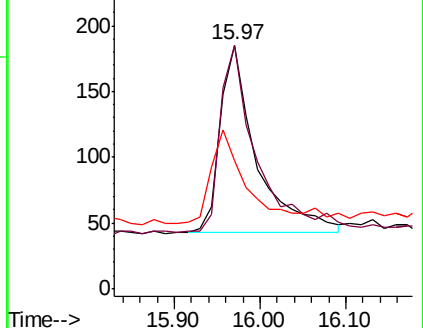
141 47.3 31.0 46.4#

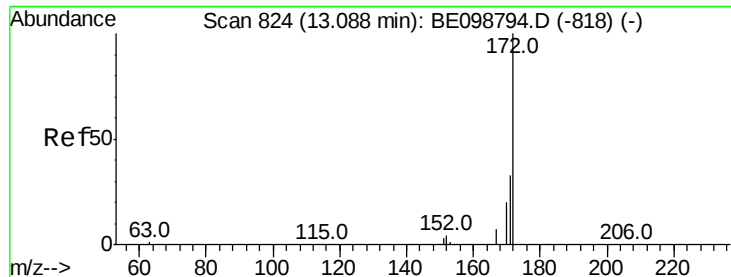


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

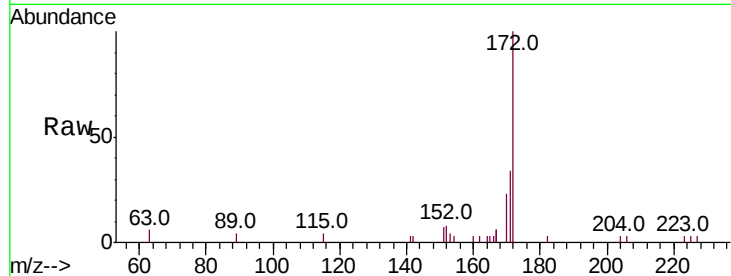




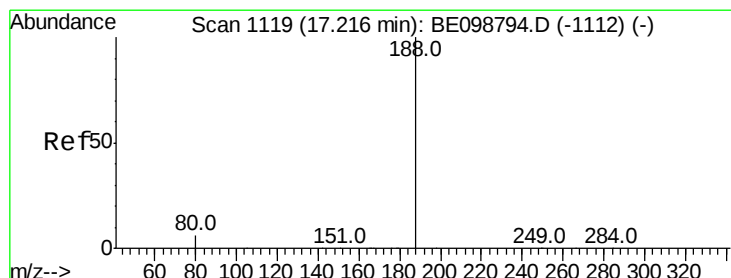
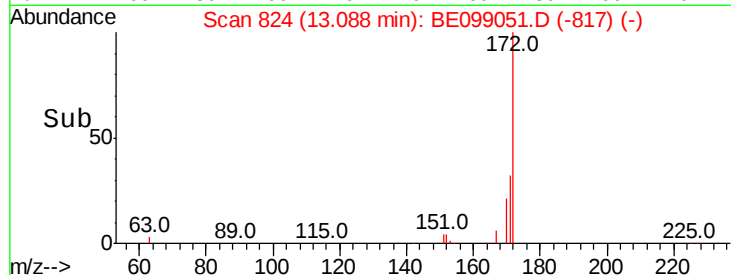
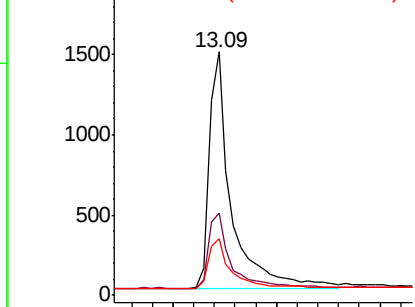
#15
2-Fluorobiphenyl
Concen: 0.467 ng
RT: 13.09 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE099051.D
Acq: 20 Mar 2019 1:30

Instrument :
BNA_E
ClientSampleId :
BP-HN-MW24IR-20190315

Tot Ion:172 Resp: 4388
Ion Ratio Lower Upper
172 100
171 33.9 28.0 42.0
170 23.1 17.7 26.5

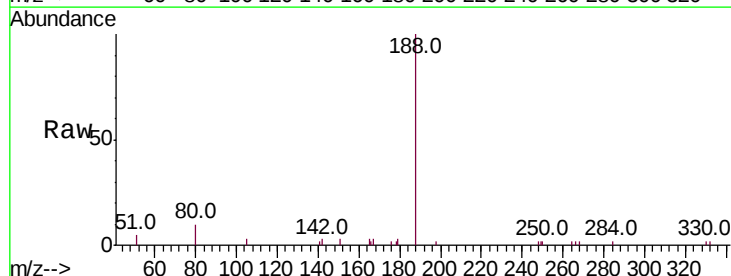


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

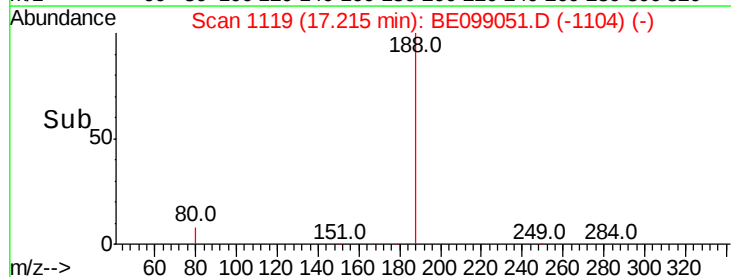
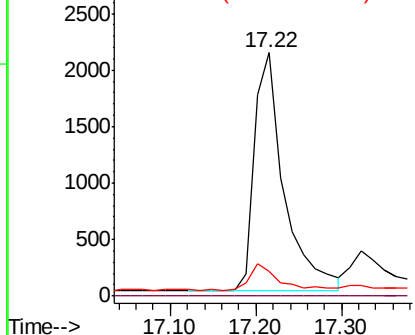


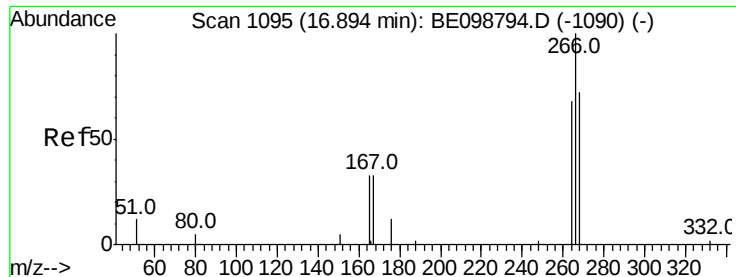
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.22 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE099051.D
Acq: 20 Mar 2019 1:30

Tgt Ion:188 Resp: 5090
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.3 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





#22

Pentachlorophenol

Concen: 0.300 ng

RT: 16.92 min Scan# 1097

Delta R.T. 0.03 min

Lab File: BE099051.D

Acq: 20 Mar 2019 1:30

Instrument :

BNA_E

ClientSampleId :

BP-HN-MW24IR-20190315

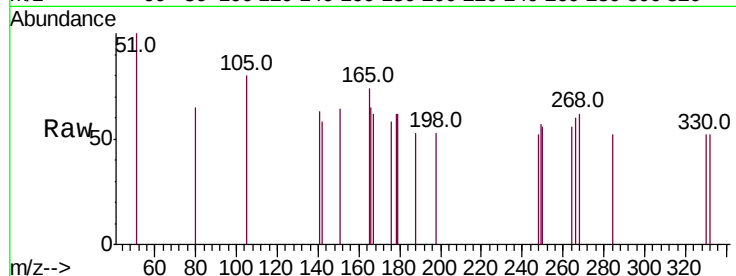
Tot Ion:266 Resp: 40

Ion Ratio Lower Upper

266 100

264 92.3 66.6 100.0

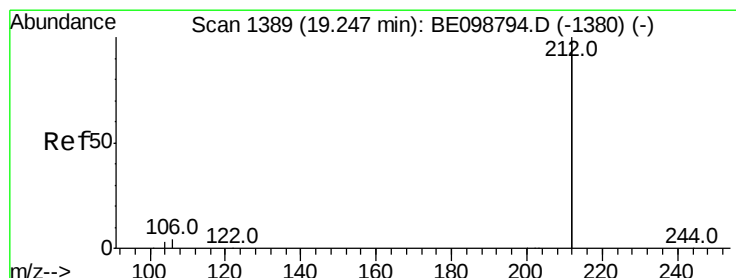
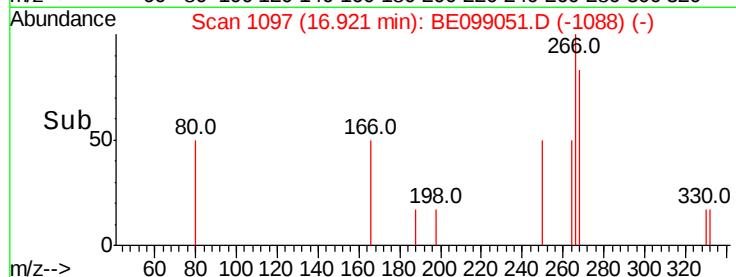
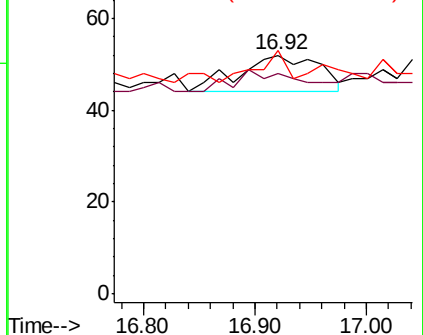
268 101.9 69.8 104.8



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: 0.457 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BE099051.D

Acq: 20 Mar 2019 1:30

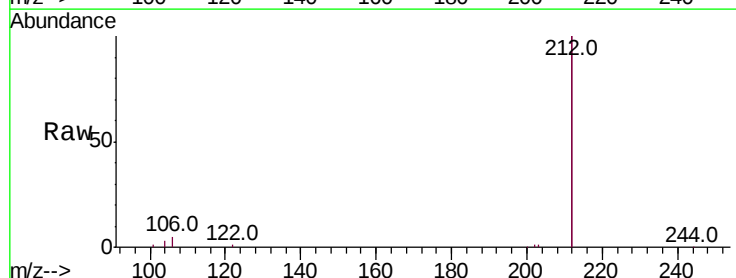
Tgt Ion:212 Resp: 37123

Ion Ratio Lower Upper

212 100

106 2.3 1.8 2.8

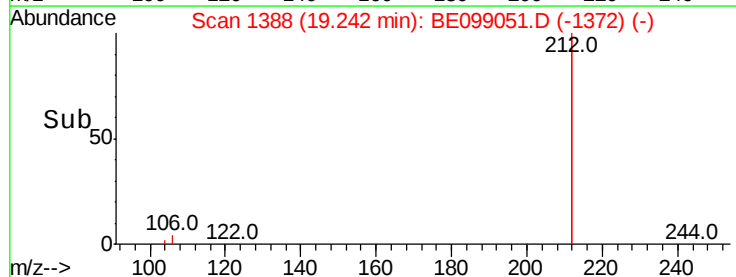
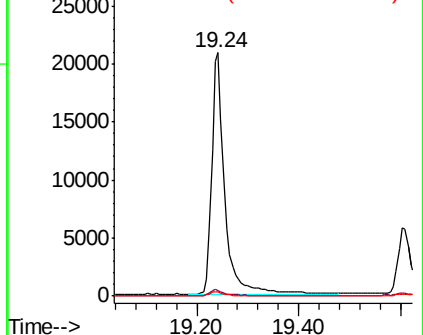
104 1.5 1.0 1.6

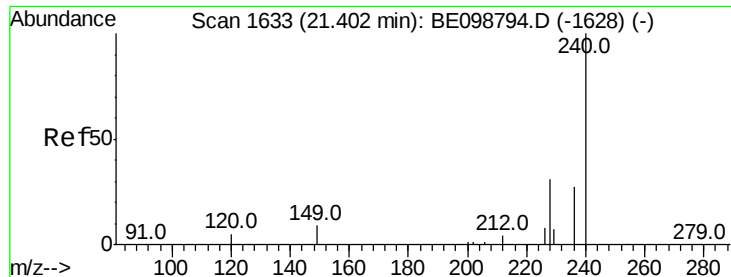


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE099051.D

Acq: 20 Mar 2019 1:30

Instrument :

BNA_E

ClientSampleId :

BP-HN-MW24IR-20190315

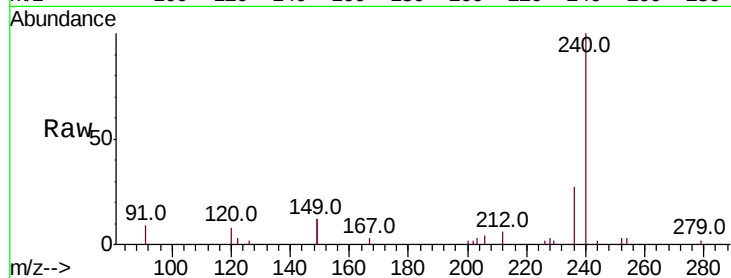
Tot Ion:240 Resp: 6176

Ion Ratio Lower Upper

240 100

120 8.1 5.0 7.4#

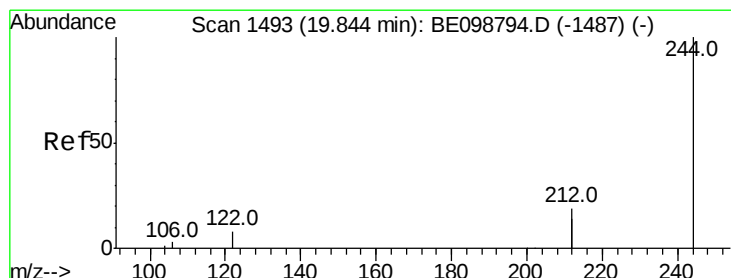
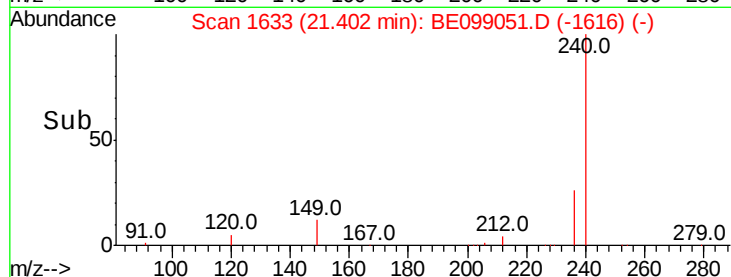
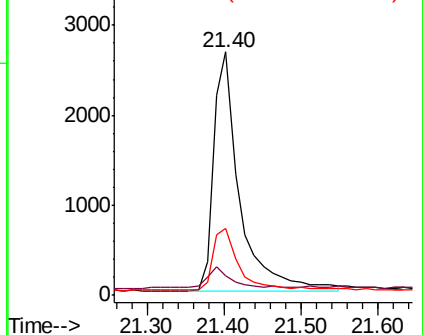
236 27.3 22.7 34.1



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



#29

Terphenyl-d14

Concen: 0.453 ng

RT: 19.83 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BE099051.D

Acq: 20 Mar 2019 1:30

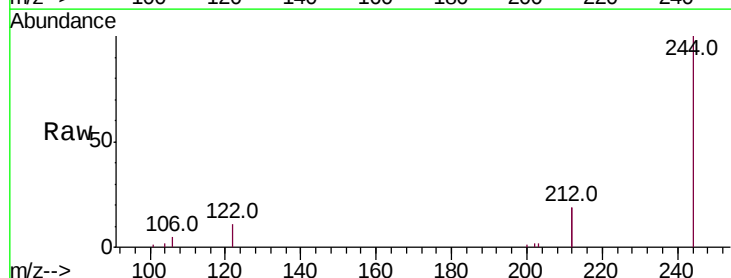
Tgt Ion:244 Resp: 6794

Ion Ratio Lower Upper

244 100

212 38.9 29.4 44.2

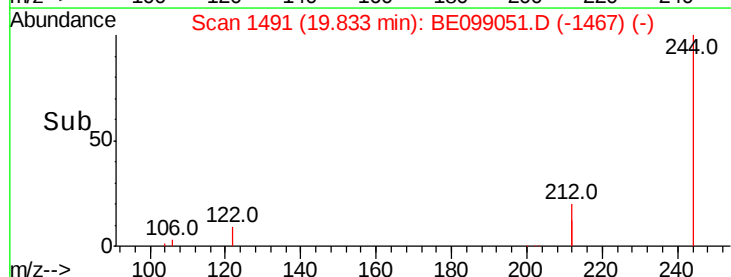
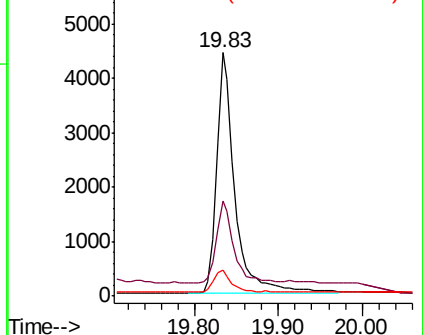
122 10.8 7.1 10.7#

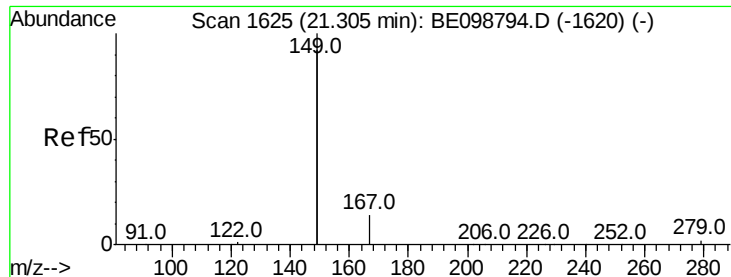


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

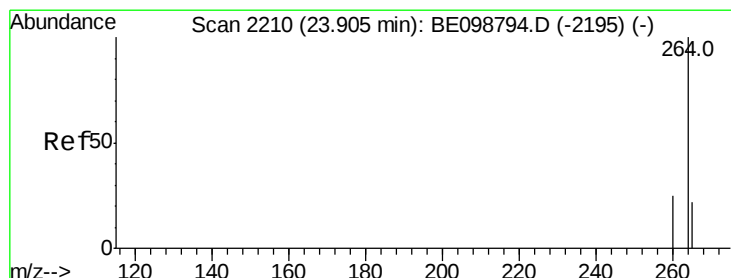
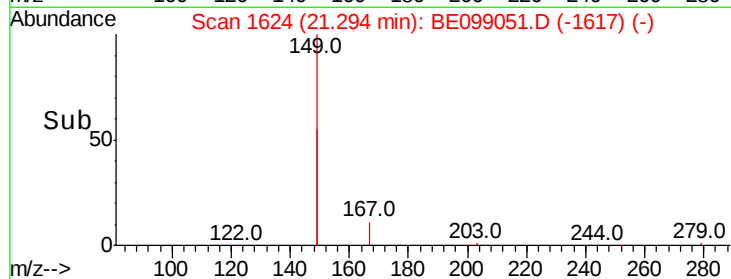
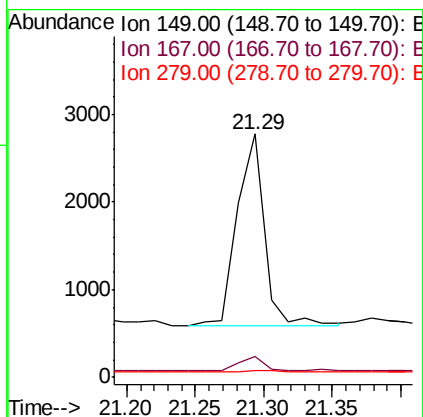
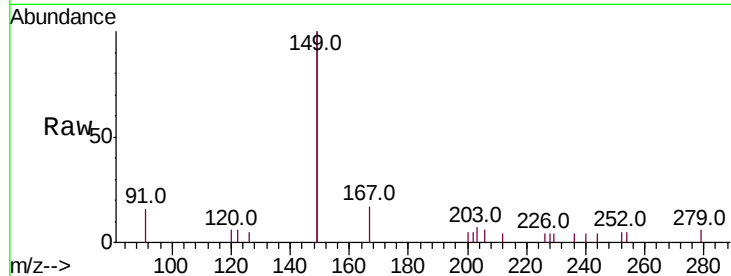




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.074 ng
 RT: 21.29 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BE099051.D
 Acq: 20 Mar 2019 1:30

Instrument :
 BNA_E
 ClientSampleId :
 BP-HN-MW24IR-20190315

Tot Ion:149 Resp: 3040
 Ion Ratio Lower Upper
 149 100
 167 7.2 5.4 8.0
 279 1.9 1.0 1.4#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.89 min Scan# 2207
 Delta R.T. -0.01 min
 Lab File: BE099051.D
 Acq: 20 Mar 2019 1:30

Tgt Ion:264 Resp: 5478
 Ion Ratio Lower Upper
 264 100
 260 26.6 21.2 31.8
 265 32.0 24.6 36.8

