

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070519\
 Data File : BN006744.D
 Acq On : 06 Jul 2019 08:11
 Operator : HP/JU
 Sample : K3666-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MWHR3-8-070219

Quant Time: Jul 08 00:30:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN070219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 05 05:30:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	2754	0.40	ng	-0.02
7) Naphthalene-d8	10.38	136	10482	0.40	ng	-0.01
13) Acenaphthene-d10	14.24	164	6580	0.40	ng	-0.02
19) Phenanthrene-d10	17.01	188	15302	0.40	ng	-0.01
27) Chrysene-d12	21.24	240	14449	0.40	ng	-0.02
34) Perylene-d12	23.46	264	16625	0.40	ng	-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	1176	0.16	ng	0.00
5) Phenol-d6	6.86	99	820	0.09	ng	0.02
8) Nitrobenzene-d5	8.81	82	2522	0.31	ng	0.01
11) 2-Methylnaphthalene-d10	11.98	152	6468	0.41	ng	-0.01
14) 2,4,6-Tribromophenol	15.77	330	1236	0.38	ng	-0.02
15) 2-Fluorobiphenyl	12.86	172	10081	0.39	ng	-0.02
25) Fluoranthene-d10	19.06	212	18532	0.42	ng	-0.02
29) Terphenyl-d14	19.66	244	24312	0.73	ng	-0.02

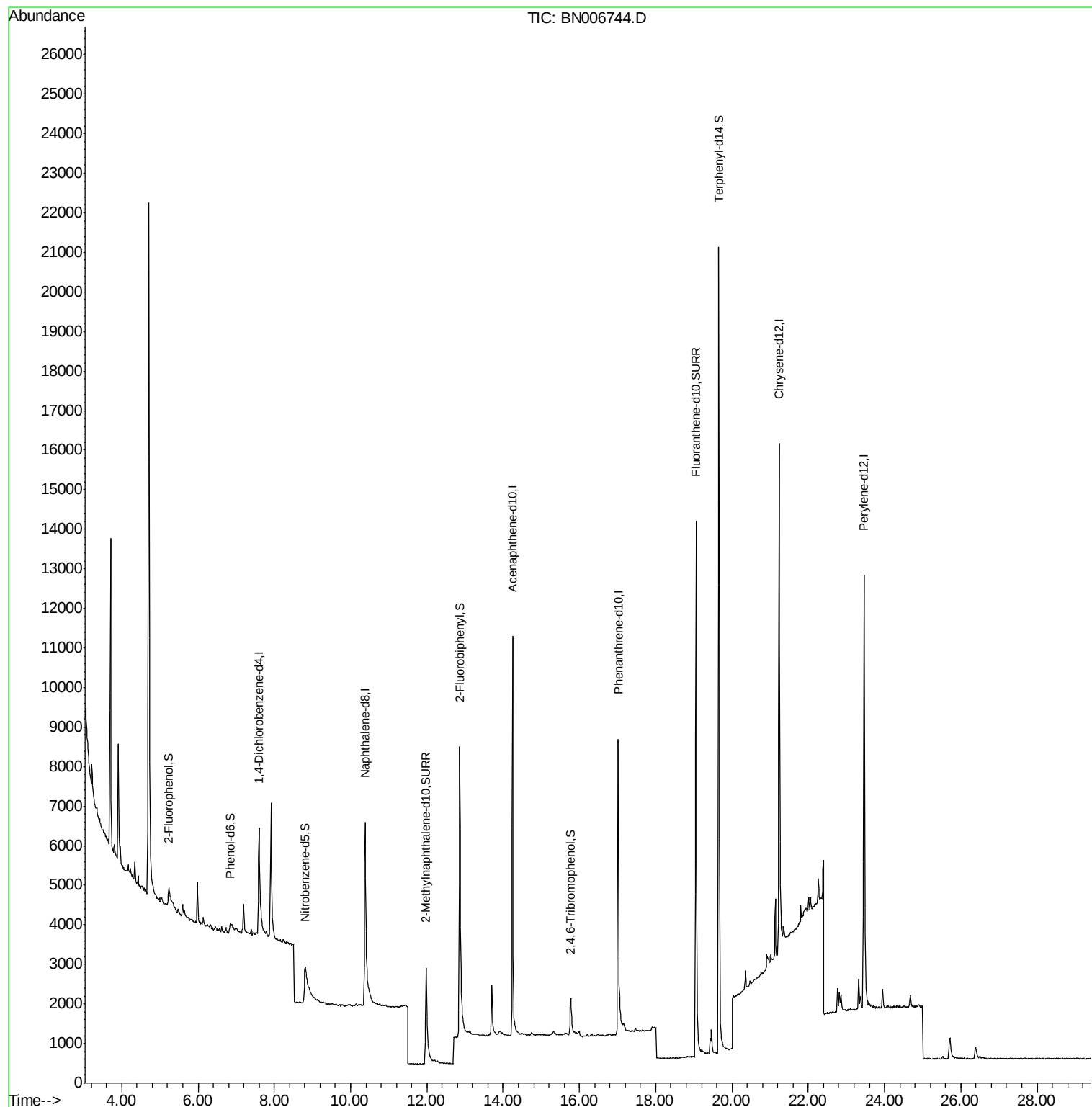
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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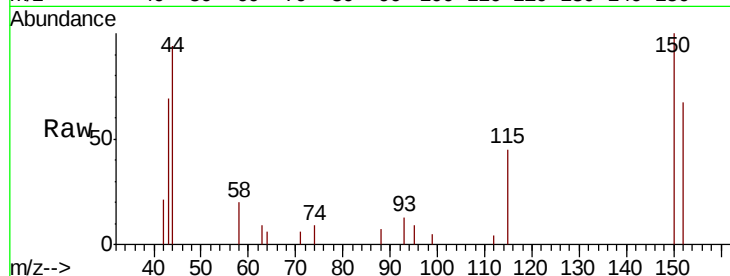


#1

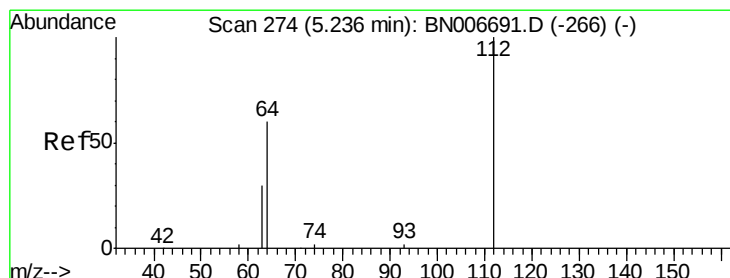
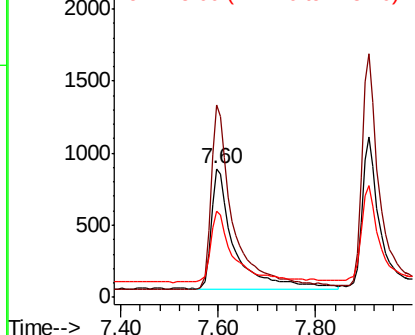
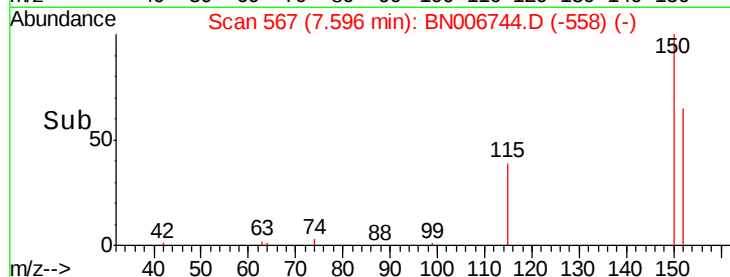
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.60 min Scan# 567
 Delta R.T. -0.02 min
 Lab File: BN006744.D
 Acq: 06 Jul 2019 08:11

Instrument :
 BNA_N
 ClientSampleId :
 MWHR3-8-070219

Tot Ion:152 Resp: 2754
 Ion Ratio Lower Upper
 152 100
 150 149.8 120.6 181.0
 115 67.3 51.0 76.6



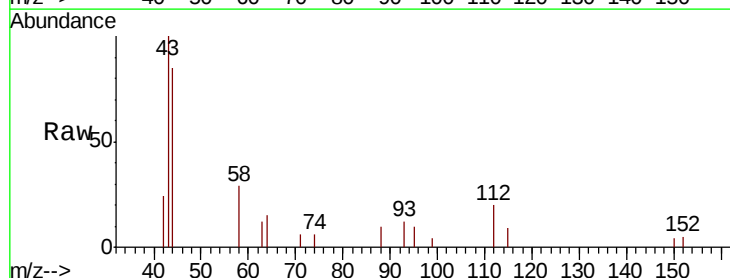
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



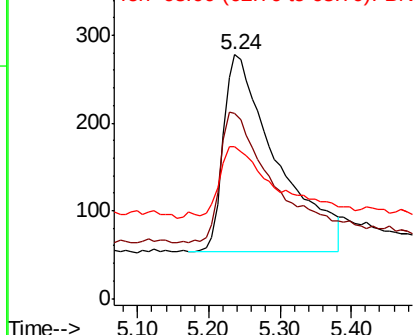
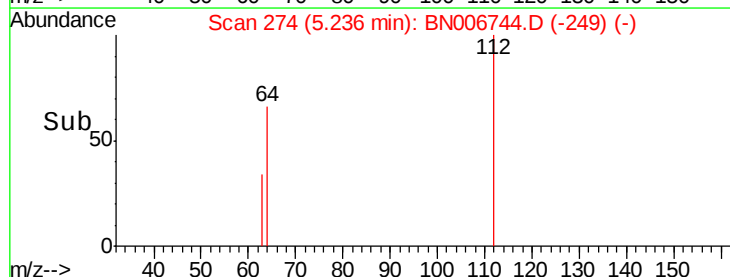
#4

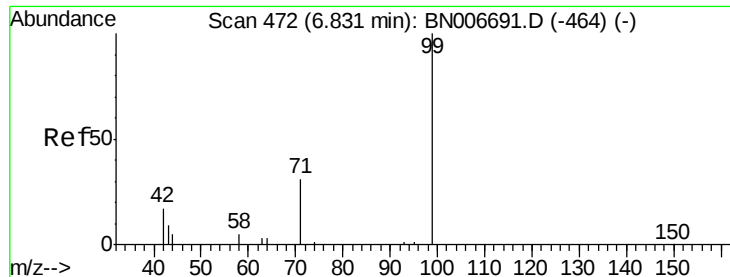
2-Fluorophenol
 Concen: 0.157 ng
 RT: 5.24 min Scan# 274
 Delta R.T. 0.00 min
 Lab File: BN006744.D
 Acq: 06 Jul 2019 08:11

Tgt Ion:112 Resp: 1176
 Ion Ratio Lower Upper
 112 100
 64 67.9 49.8 74.6
 63 35.3 25.8 38.6



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BNC
 Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.087 ng

RT: 6.86 min Scan# 475

Delta R.T. 0.02 min

Lab File: BN006744.D

Acq: 06 Jul 2019 08:11

Instrument :

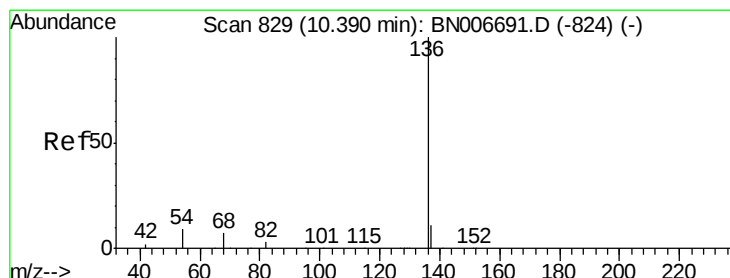
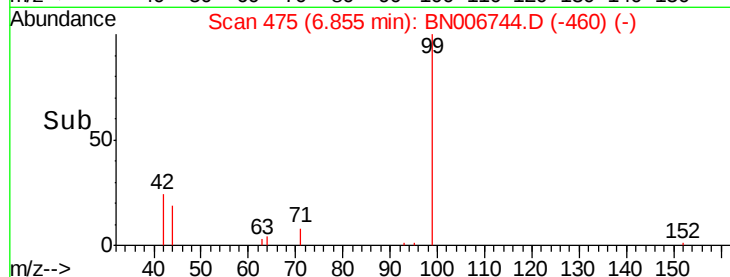
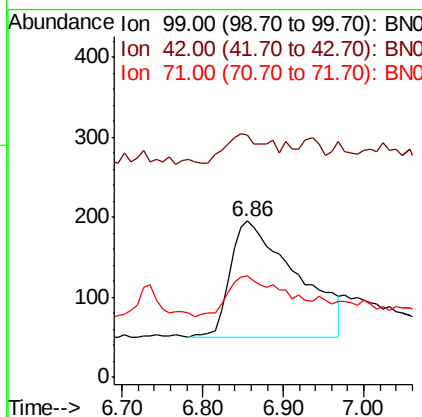
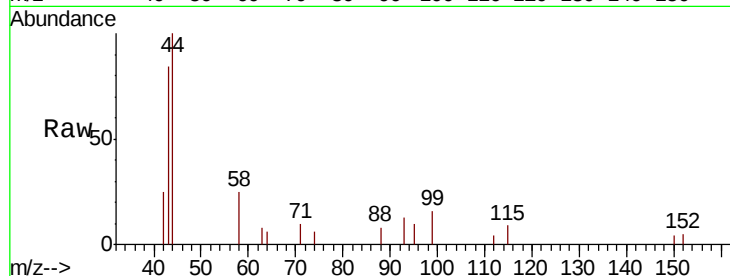
BNA_N

ClientSampleId :

MWHR3-8-070219

Tot Ion: 99 Resp: 820

Ion	Ratio	Lower	Upper
99	100		
42	16.3	16.6	25.0#
71	30.6	26.0	39.0



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.38 min Scan# 828

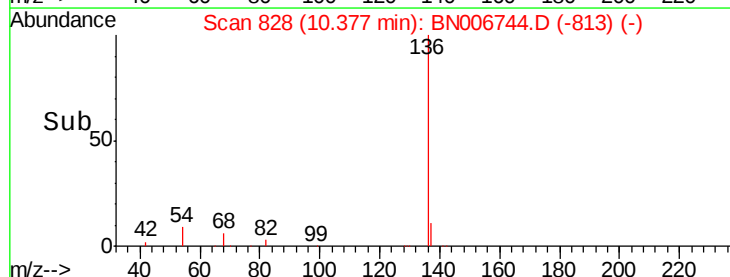
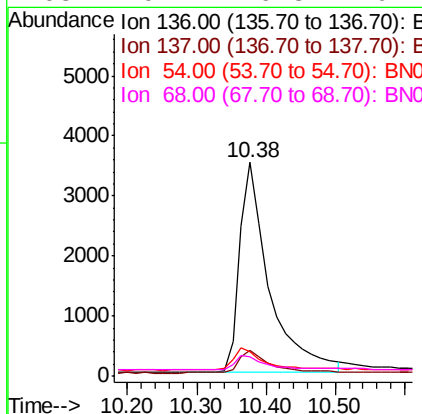
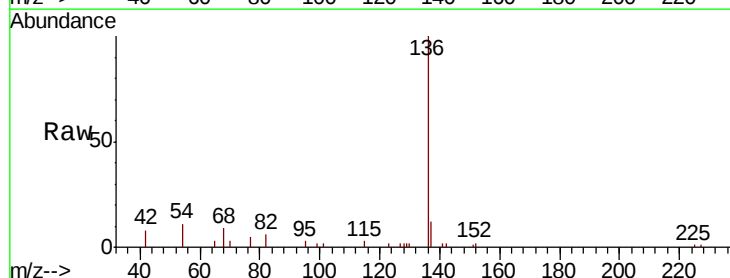
Delta R.T. -0.01 min

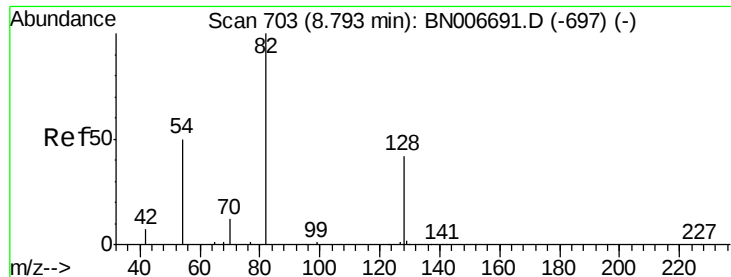
Lab File: BN006744.D

Acq: 06 Jul 2019 08:11

Tgt Ion: 136 Resp: 10482

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.3	13.9
54	11.4	8.4	12.6
68	9.2	6.8	10.2





#8

Nitrobenzene-d5

Concen: 0.314 ng

RT: 8.81 min Scan# 704

Delta R.T. 0.01 min

Lab File: BN006744.D

Acq: 06 Jul 2019 08:11

Instrument :

BNA_N

ClientSampleId :

MWHR3-8-070219

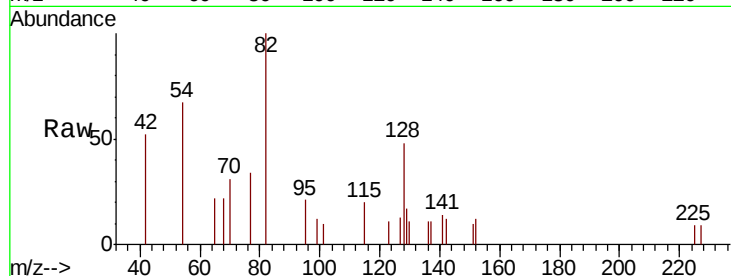
Tot Ion: 82 Resp: 2522

Ion Ratio Lower Upper

82 100

128 47.9 36.1 54.1

54 66.9 44.5 66.7#



Abundance Ion 82.00 (81.70 to 82.70): BN006691.D (-697) (-)

Ion 128.00 (127.70 to 128.70): BN006691.D (-697) (-)

Ion 54.00 (53.70 to 54.70): BN006691.D (-697) (-)

8.81

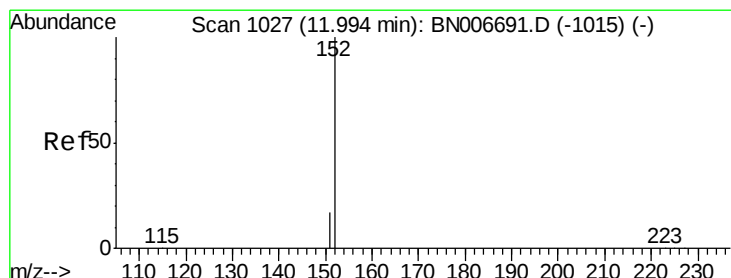
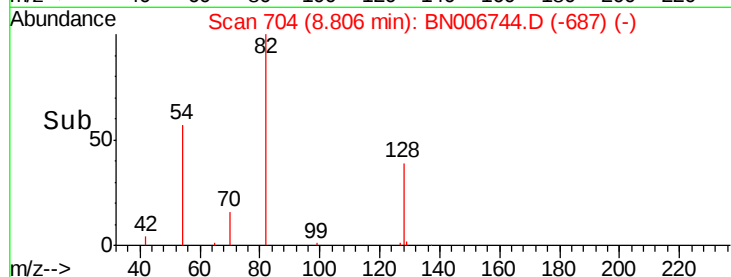
400

200

0

8.70 8.80 8.90 9.00

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.410 ng

RT: 11.98 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BN006744.D

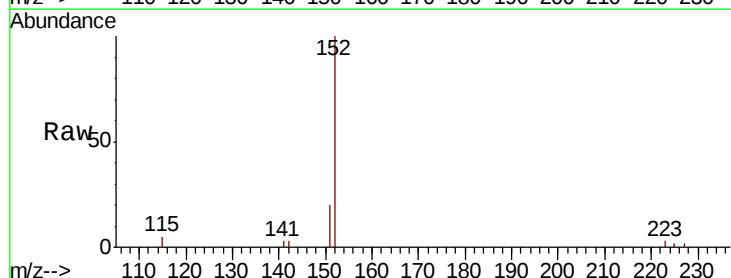
Acq: 06 Jul 2019 08:11

Tgt Ion: 152 Resp: 6468

Ion Ratio Lower Upper

152 100

151 18.0 14.9 22.3



Abundance Ion 152.00 (151.70 to 152.70): BN006691.D (-1015) (-)

Ion 151.00 (150.70 to 151.70): BN006691.D (-1015) (-)

11.98

2500

2000

1500

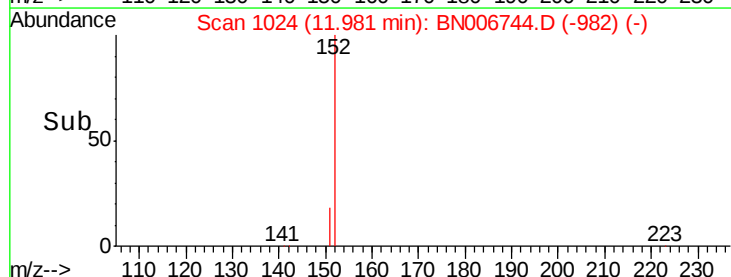
1000

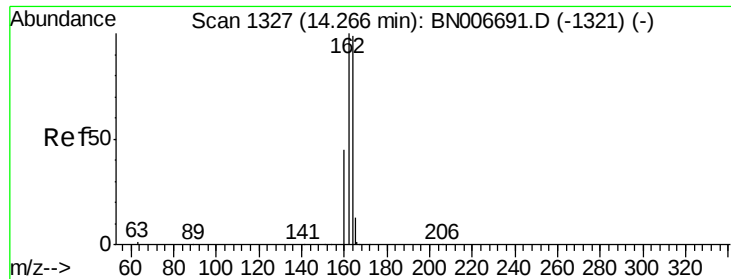
500

0

11.80 12.00 12.20

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.24 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BN006744.D

Acq: 06 Jul 2019 08:11

Instrument :

BNA_N

ClientSampleId :

MWHR3-8-070219

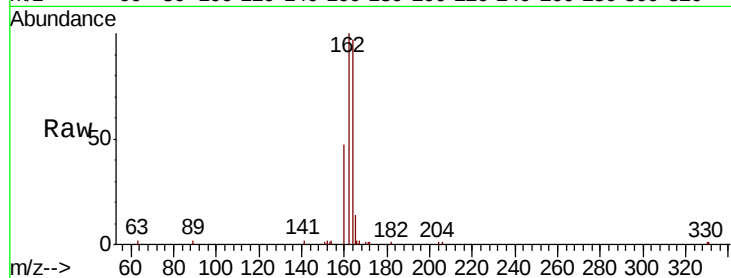
Tot Ion:164 Resp: 6580

Ion Ratio Lower Upper

164 100

162 102.8 80.8 121.2

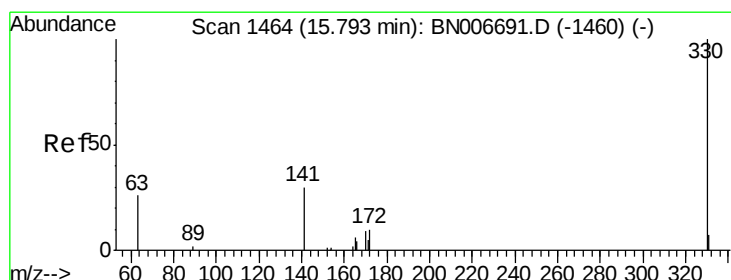
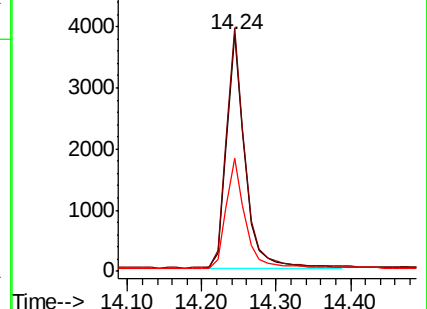
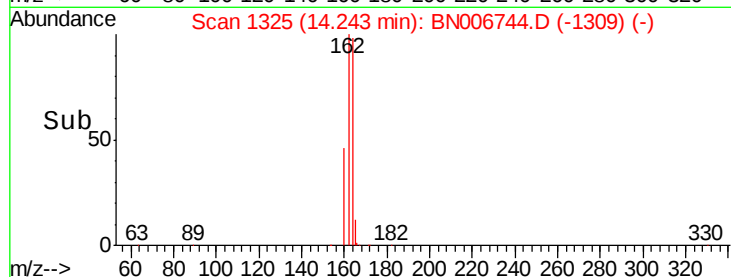
160 47.9 37.0 55.6



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: 0.382 ng

RT: 15.77 min Scan# 1462

Delta R.T. -0.02 min

Lab File: BN006744.D

Acq: 06 Jul 2019 08:11

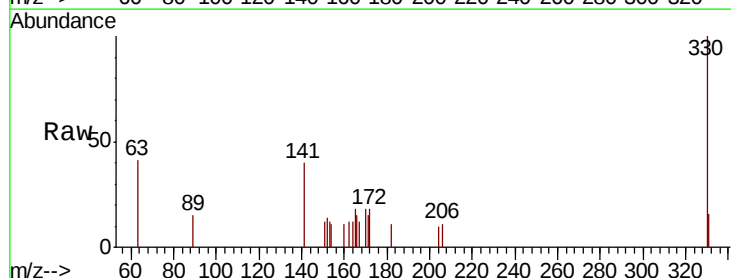
Tgt Ion:330 Resp: 1236

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

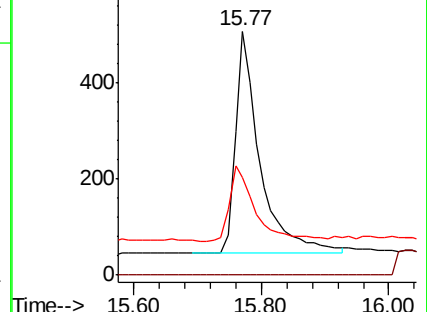
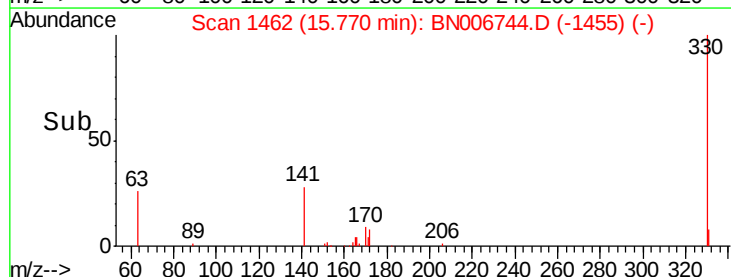
141 36.2 24.8 37.2

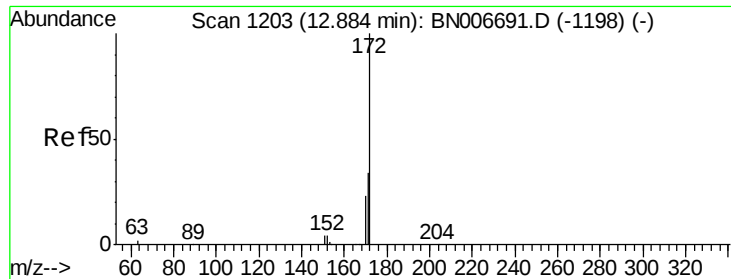


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

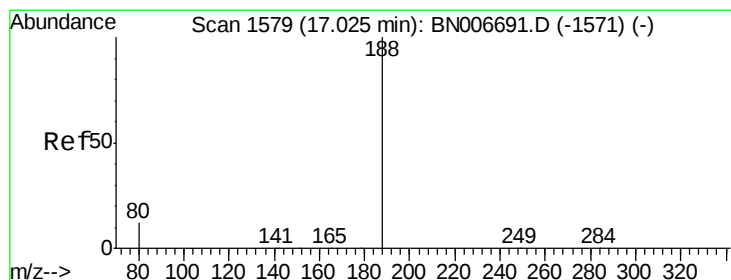
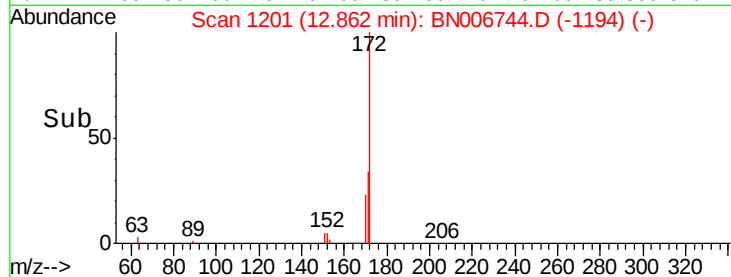
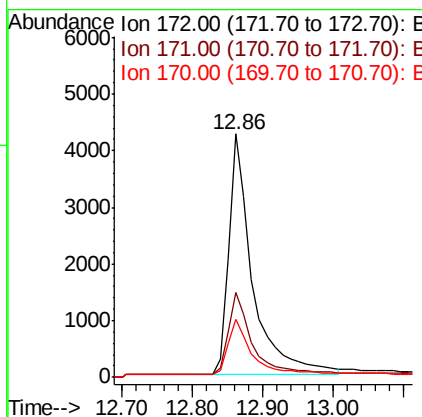
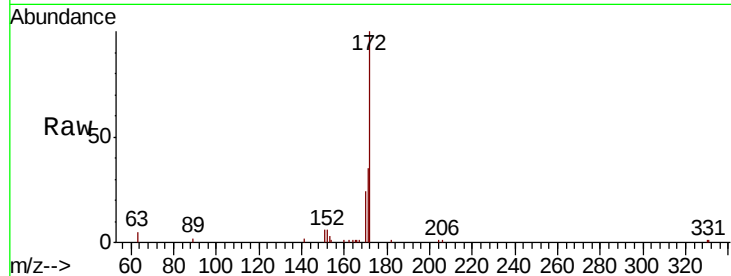




#15
2-Fluorobiphenyl
Concen: 0.392 ng
RT: 12.86 min Scan# 1201
Delta R.T. -0.02 min
Lab File: BN006744.D
Acq: 06 Jul 2019 08:11

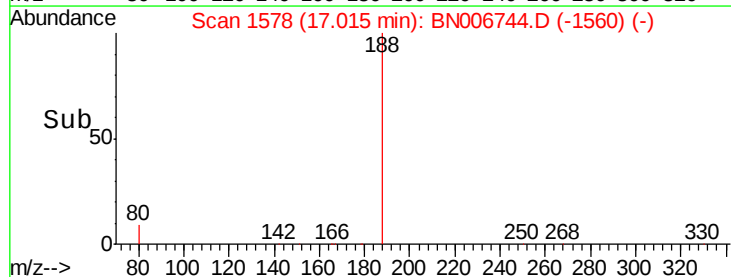
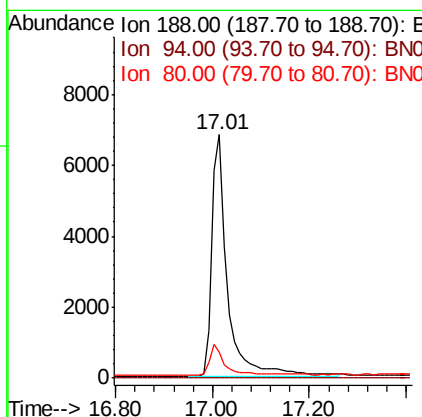
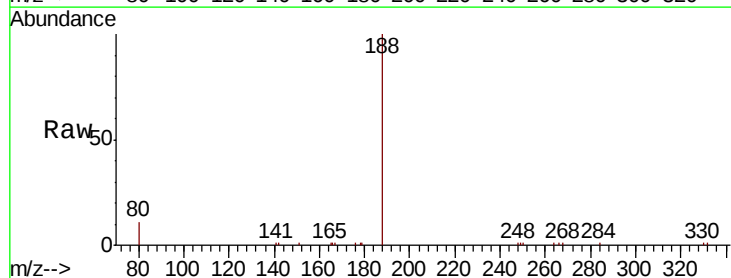
Instrument :
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MWHR3-8-070219

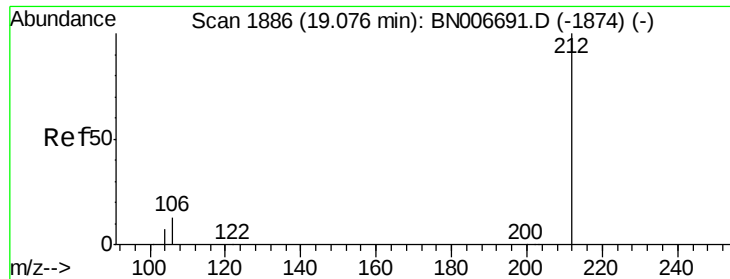
Tot Ion:172 Resp: 10081
Ion Ratio Lower Upper
172 100
171 35.1 27.8 41.6
170 23.9 18.9 28.3



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.01 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BN006744.D
Acq: 06 Jul 2019 08:11

Tgt Ion:188 Resp: 15302
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.5 10.3 15.5





#25

Fluoranthene-d10

Concen: 0.423 ng

RT: 19.06 min Scan# 1882

Delta R.T. -0.02 min

Lab File: BN006744.D

Acq: 06 Jul 2019 08:11

Instrument :

BNA_N

ClientSampleId :

MWHR3-8-070219

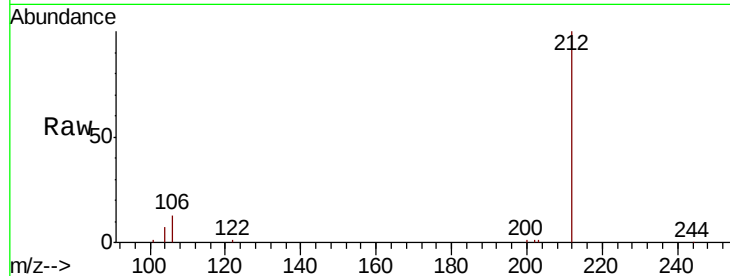
Tot Ion:212 Resp: 18532

Ion Ratio Lower Upper

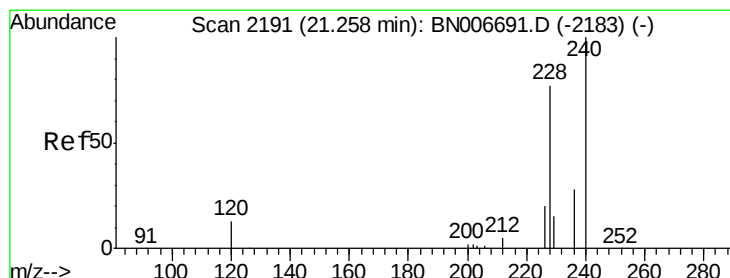
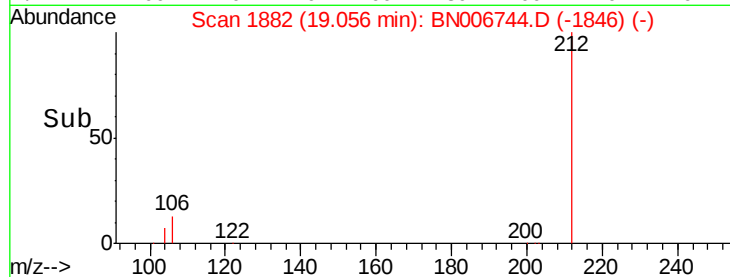
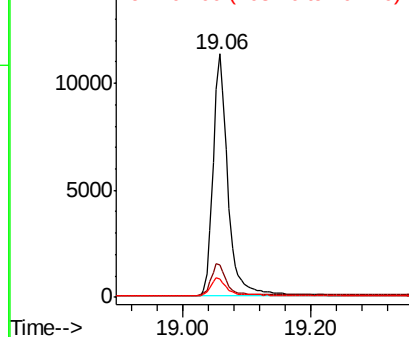
212 100

106 13.0 11.0 16.6

104 7.4 6.1 9.1



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: 21.24 min Scan# 2189

Delta R.T. -0.02 min

Lab File: BN006744.D

Acq: 06 Jul 2019 08:11

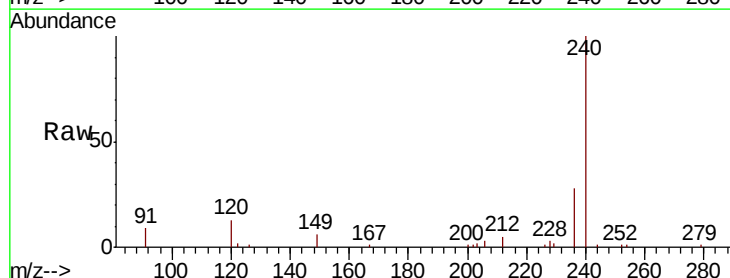
Tgt Ion:240 Resp: 14449

Ion Ratio Lower Upper

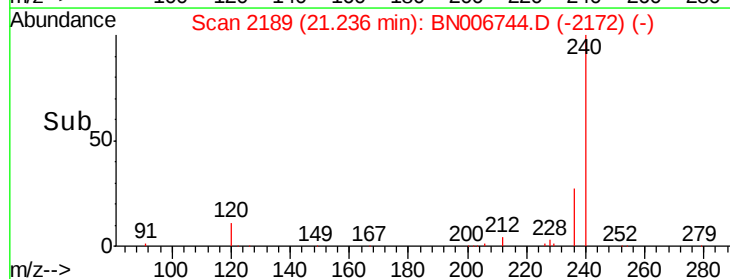
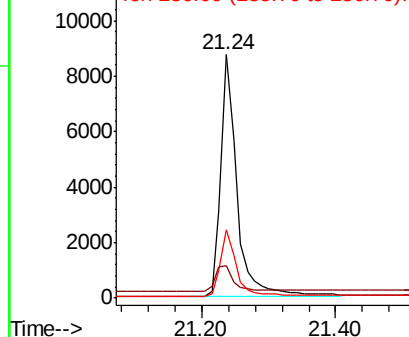
240 100

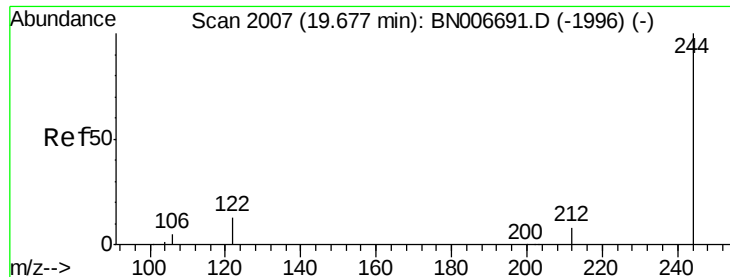
120 13.2 12.9 19.3

236 27.9 23.2 34.8



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: 0.731 ng

RT: 19.66 min Scan# 2003

Delta R.T. -0.02 min

Lab File: BN006744.D

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MWHR3-8-070219

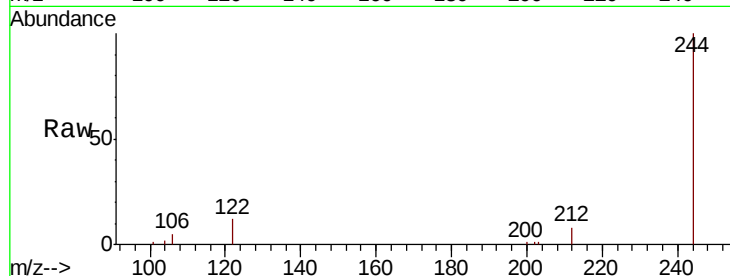
Tot Ion:244 Resp: 24312

Ion Ratio Lower Upper

244 100

212 7.5 7.0 10.4

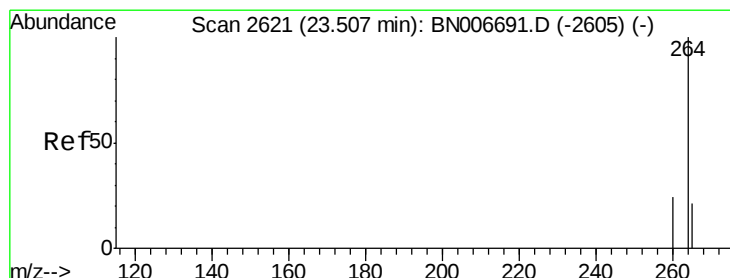
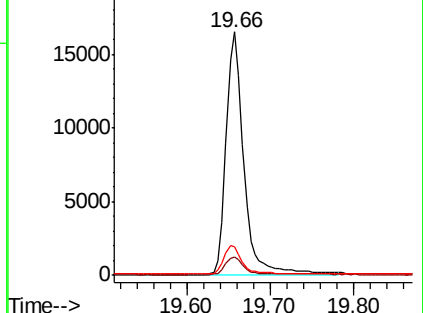
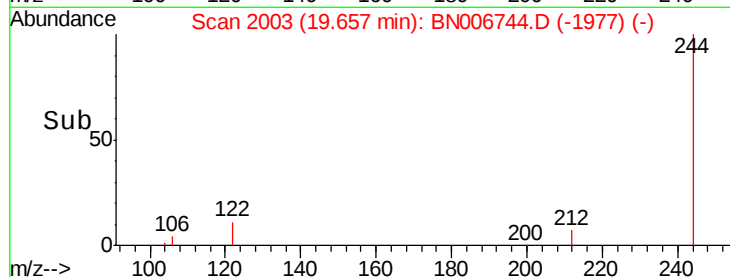
122 11.9 11.5 17.3



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.46 min Scan# 2608

Delta R.T. -0.04 min

Lab File: BN006744.D

Acq: 06 Jul 2019 08:11

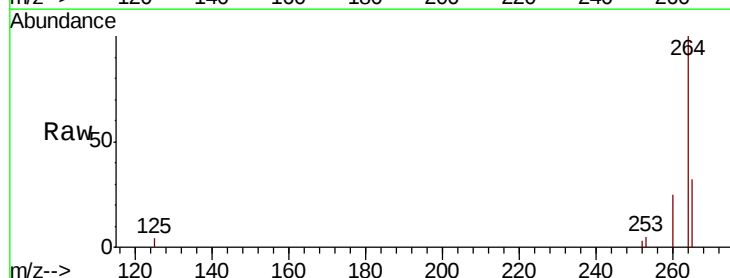
Tgt Ion:264 Resp: 16625

Ion Ratio Lower Upper

264 100

260 25.1 20.2 30.2

265 32.4 33.7 50.5#



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

