

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070519\
 Data File : BN006743.D
 Acq On : 06 Jul 2019 07:37
 Operator : HP/JU
 Sample : K3666-04
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MWHR2-9-070219

Quant Time: Jul 08 00:24:56 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

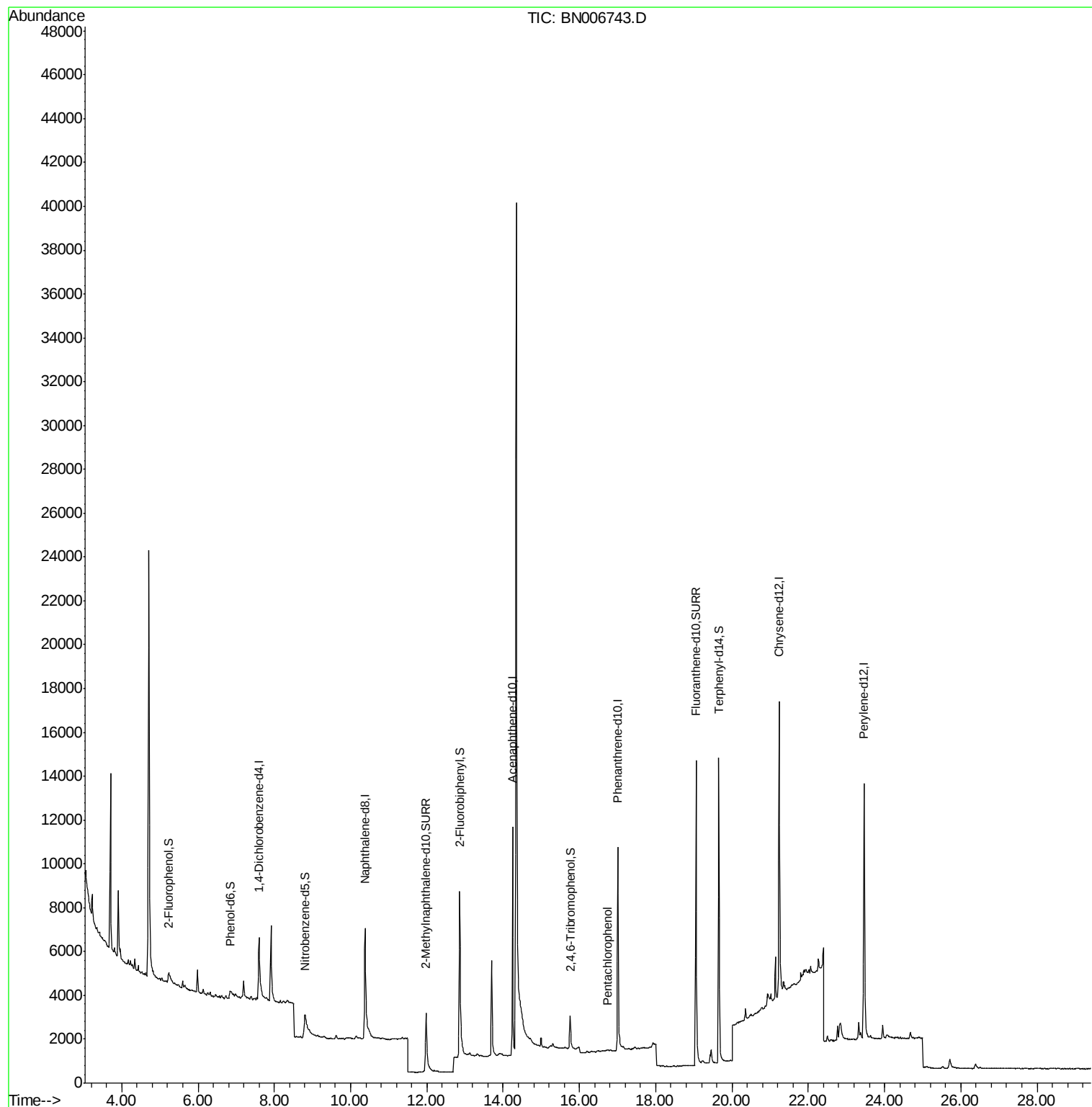
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	2770	0.40	ng	-0.02
7) Naphthalene-d8	10.38	136	10708	0.40	ng	-0.01
13) Acenaphthene-d10	14.24	164	6447	0.40	ng	-0.02
19) Phenanthrene-d10	17.00	188	14942	0.40	ng	-0.02
27) Chrysene-d12	21.24	240	14597	0.40	ng	-0.02
34) Perylene-d12	23.47	264	16923	0.40	ng	-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	1160	0.15	ng	0.00
5) Phenol-d6	6.84	99	929	0.10	ng	0.00
8) Nitrobenzene-d5	8.79	82	2641	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	11.98	152	6467	0.40	ng	-0.02
14) 2,4,6-Tribromophenol	15.76	330	1491	0.47	ng	-0.03
15) 2-Fluorobiphenyl	12.86	172	10078	0.40	ng	-0.02
25) Fluoranthene-d10	19.06	212	18521	0.43	ng	-0.02
29) Terphenyl-d14	19.66	244	15830	0.47	ng	-0.02
Target Compounds						
12) 2-Methylnaphthalene	12.06	142	59	Below Cal		Qvalue # 40
22) Pentachlorophenol	16.73	266	51	0.147 ng		88

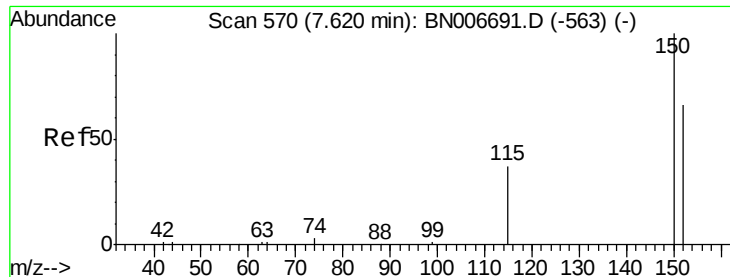
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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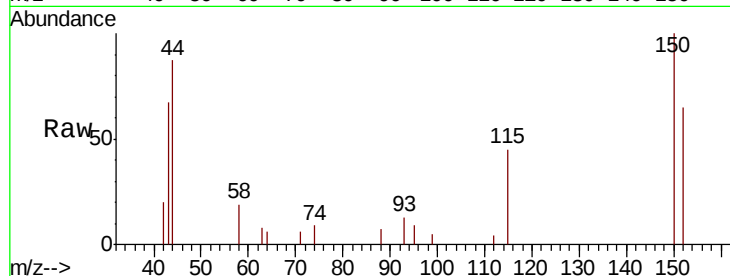


#1

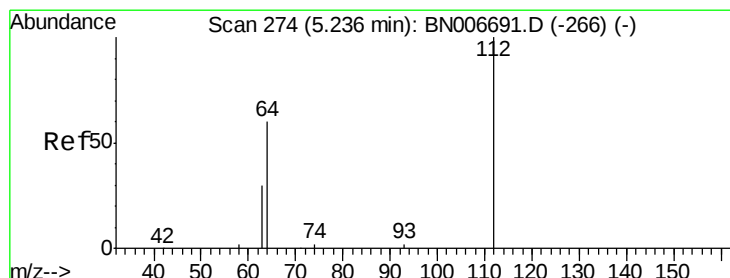
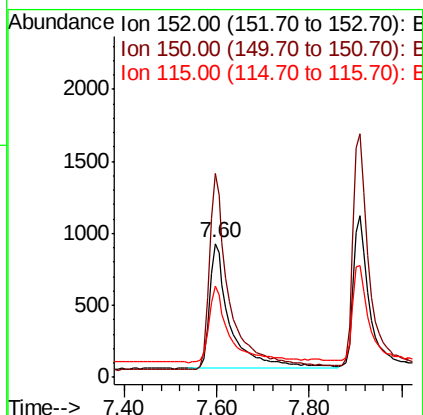
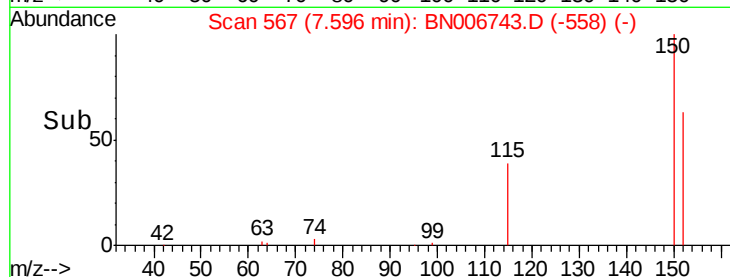
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.60 min Scan# 567
 Delta R.T. -0.02 min
 Lab File: BN006743.D
 Acq: 06 Jul 2019 07:37

Instrument :
 BNA_N
 ClientSampleId :
 MWHR2-9-070219

Tgt Ion:152 Resp: 2770
 Ion Ratio Lower Upper
 152 100
 150 153.2 120.6 181.0
 115 68.6 51.0 76.6



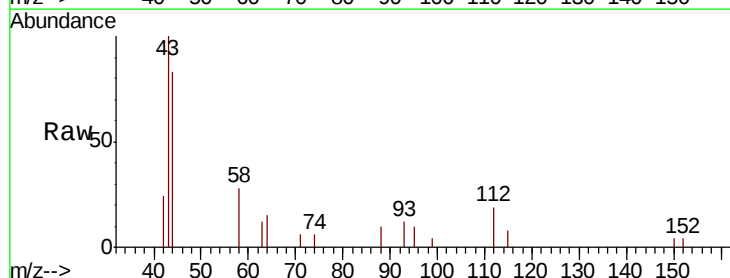
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



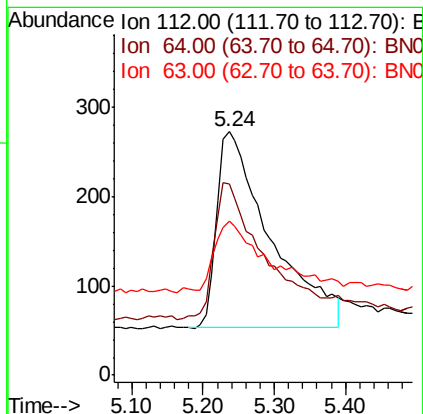
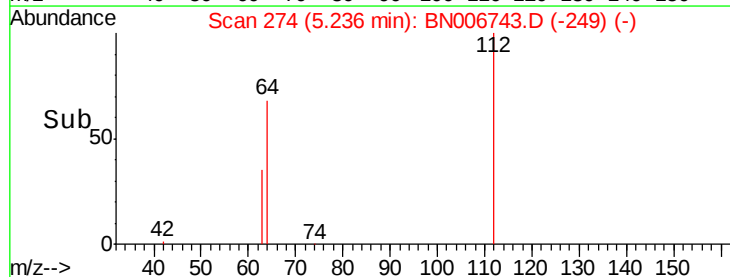
#4

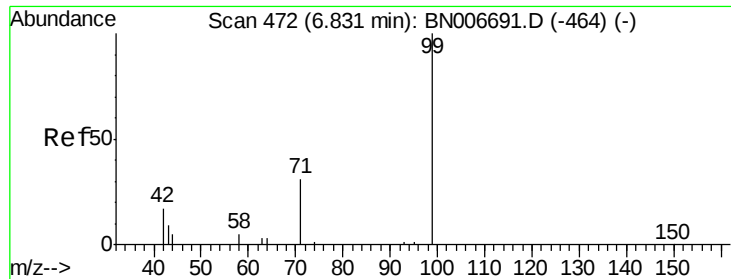
2-Fluorophenol
 Concen: 0.154 ng
 RT: 5.24 min Scan# 274
 Delta R.T. 0.00 min
 Lab File: BN006743.D
 Acq: 06 Jul 2019 07:37

Tgt Ion:112 Resp: 1160
 Ion Ratio Lower Upper
 112 100
 64 64.7 49.8 74.6
 63 34.2 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: 0.098 ng

RT: 6.84 min Scan# 473

Delta R.T. 0.01 min

Lab File: BN006743.D

Acq: 06 Jul 2019 07:37

Instrument :

BNA_N

ClientSampleId :

MWHR2-9-070219

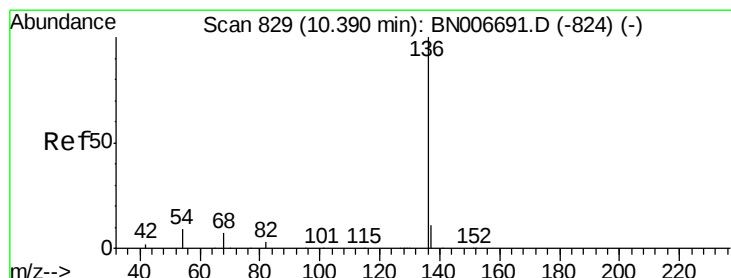
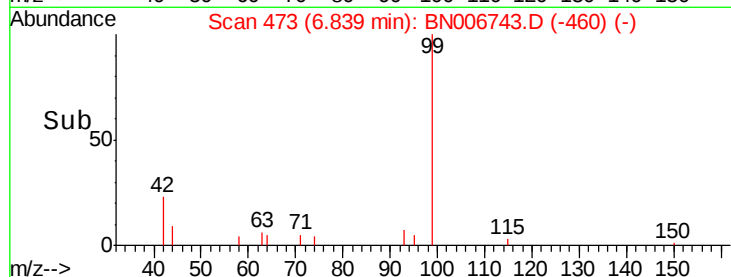
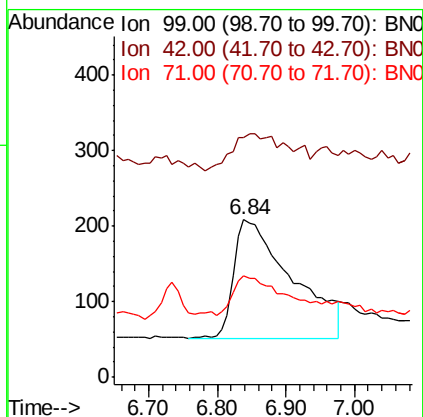
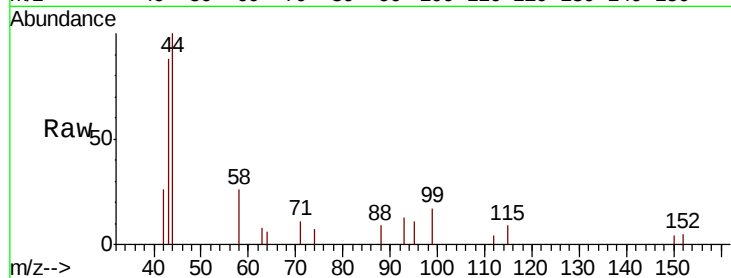
Tgt Ion: 99 Resp: 929

Ion Ratio Lower Upper

99 100

42 31.1 16.6 25.0#

71 29.0 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: BN006743.D

Acq: 06 Jul 2019 07:37

Tgt Ion: 136 Resp: 10708

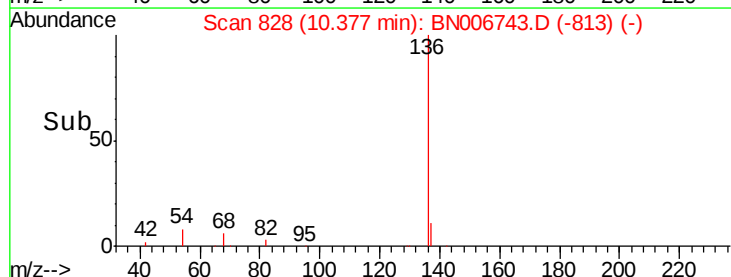
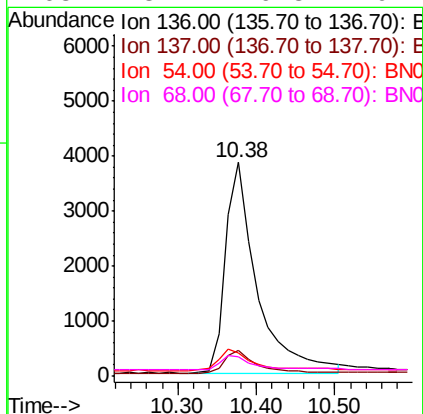
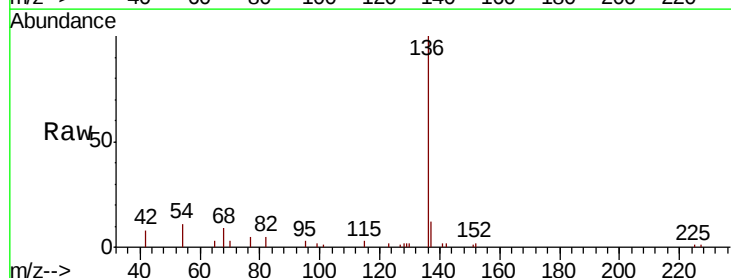
Ion Ratio Lower Upper

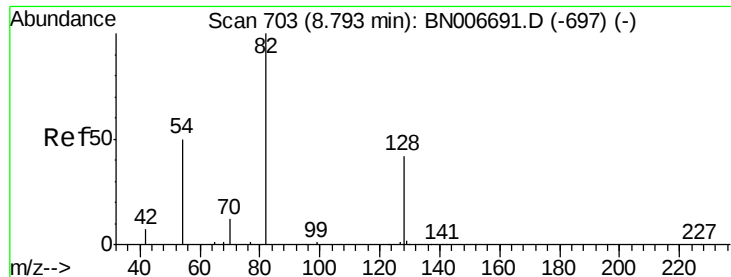
136 100

137 12.2 9.3 13.9

54 10.8 8.4 12.6

68 8.7 6.8 10.2





#8

Nitrobenzene-d5

Concen: 0.322 ng

RT: 8.79 min Scan# 703

Delta R.T. 0.00 min

Lab File: BN006743.D

Acq: 06 Jul 2019 07:37

Instrument :

BNA_N

ClientSampleId :

MWHR2-9-070219

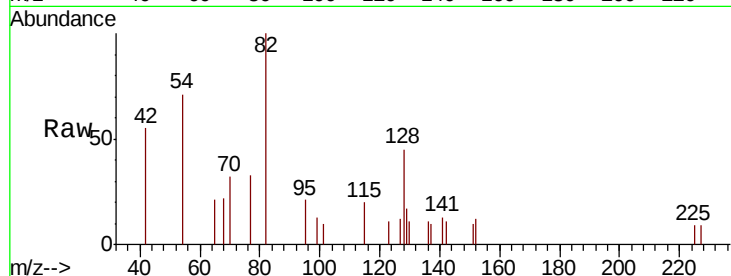
Tgt Ion: 82 Resp: 2641

Ion Ratio Lower Upper

82 100

128 44.6 36.1 54.1

54 71.0 44.5 66.7#

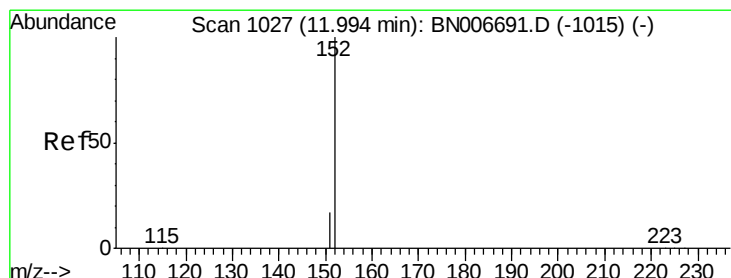
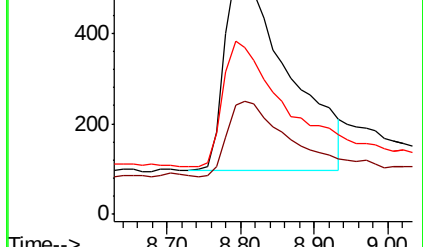
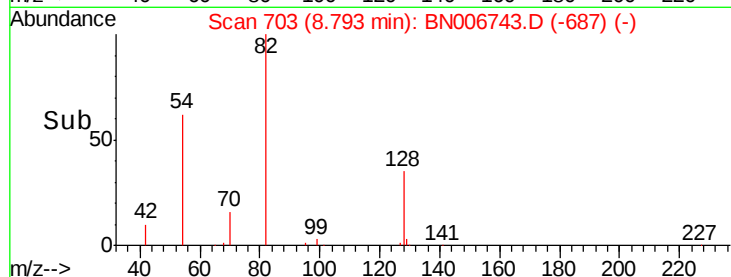


Abundance Ion 82.00 (81.70 to 82.70): BN006691.D (-697) (-)

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

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

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.402 ng

RT: 11.98 min Scan# 1023

Delta R.T. -0.02 min

Lab File: BN006743.D

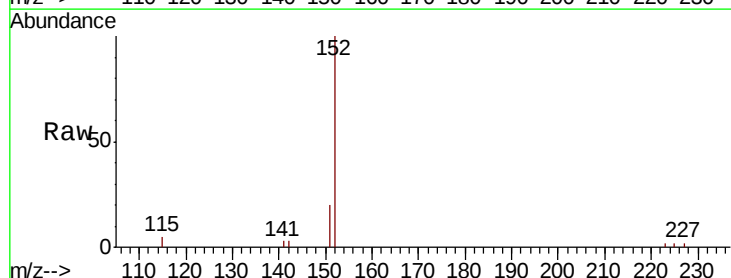
Acq: 06 Jul 2019 07:37

Tgt Ion: 152 Resp: 6467

Ion Ratio Lower Upper

152 100

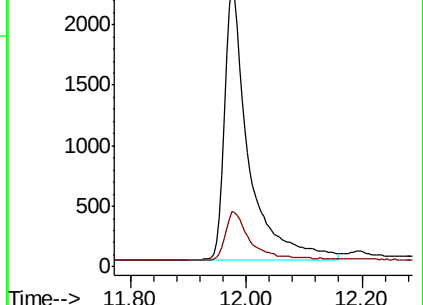
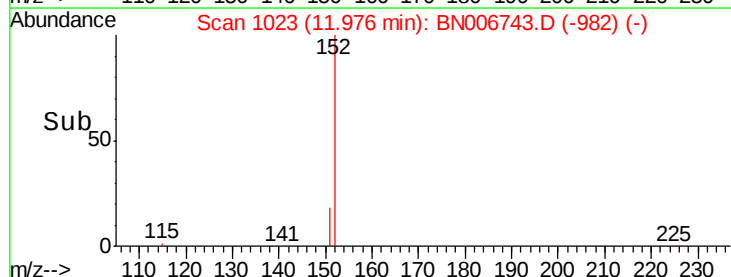
151 18.8 14.9 22.3

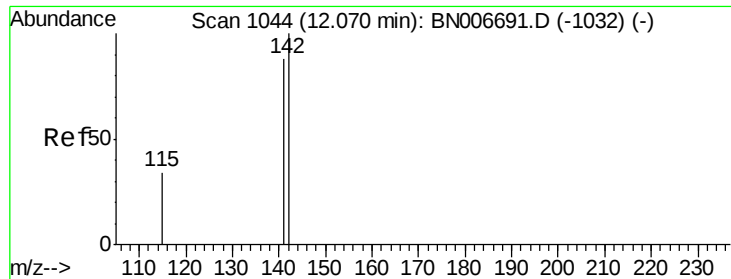


Abundance Ion 152.00 (151.70 to 152.70): BN006691.D (-1015) (-)

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

Time-->

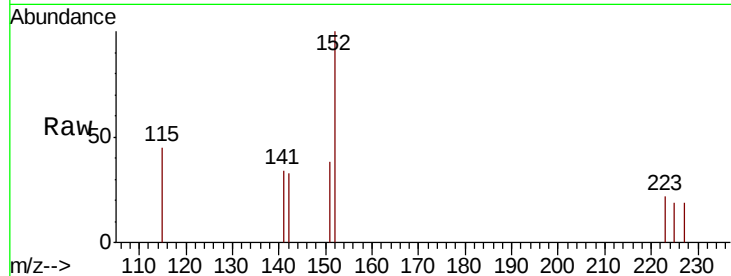




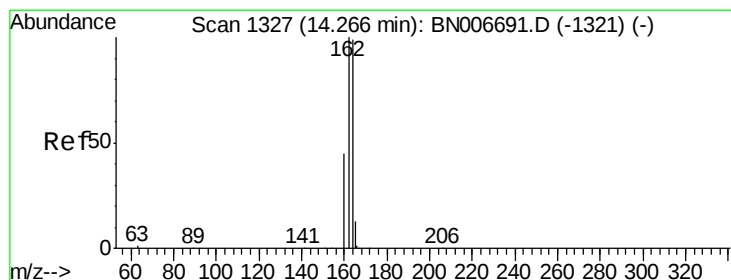
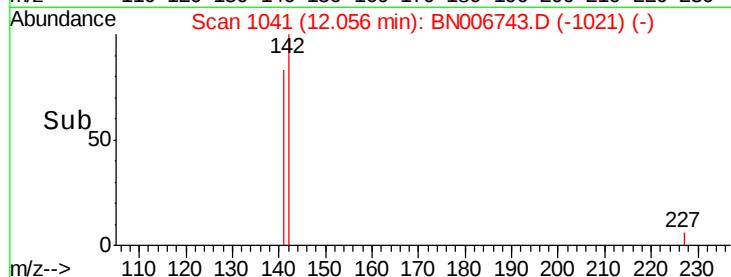
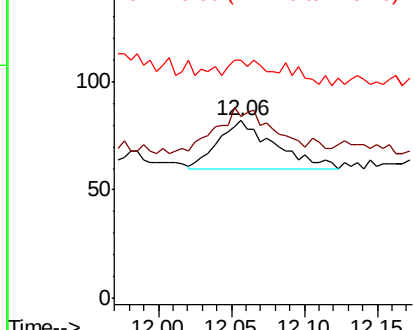
#12
2-Methylnaphthalene
Concen: Below Cal
RT: 12.06 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BN006743.D
Acq: 06 Jul 2019 07:37

Instrument :
BNA_N
ClientSampleId :
MWHR2-9-070219

Tgt Ion:142 Resp: 59
Ion Ratio Lower Upper
142 100
141 102.4 70.3 105.5
115 134.1 28.9 43.3#

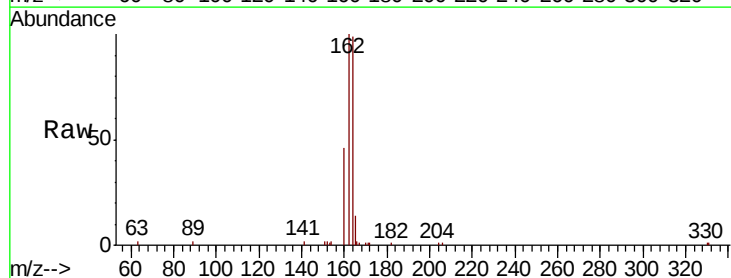


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

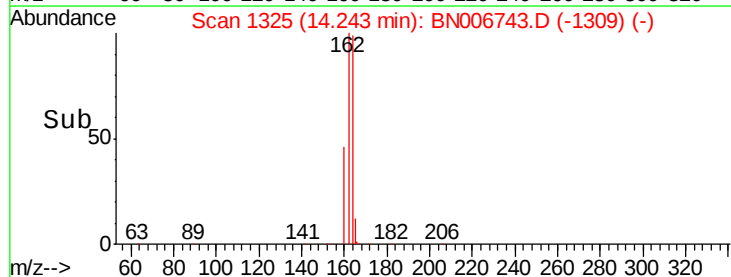
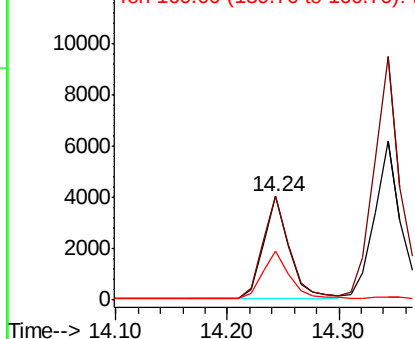


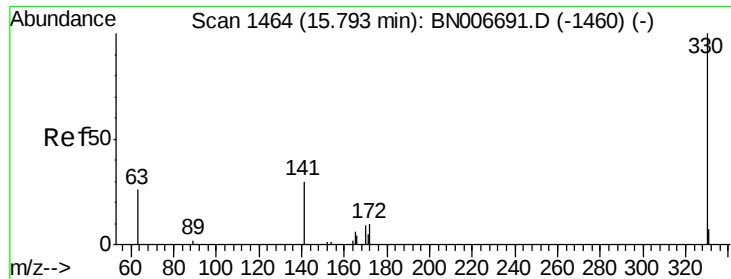
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.24 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BN006743.D
Acq: 06 Jul 2019 07:37

Tgt Ion:164 Resp: 6447
Ion Ratio Lower Upper
164 100
162 101.1 80.8 121.2
160 47.0 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

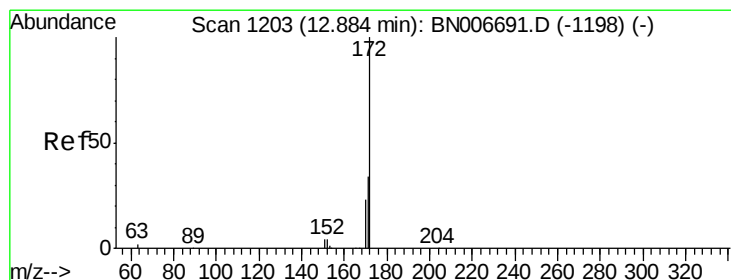
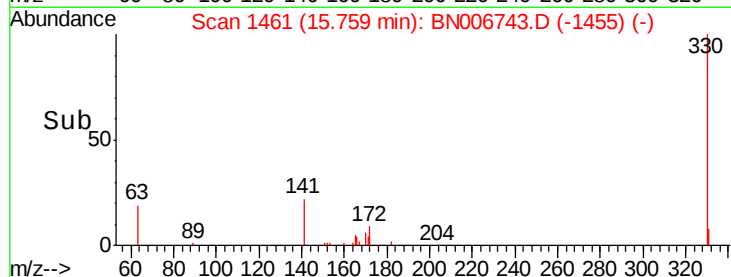
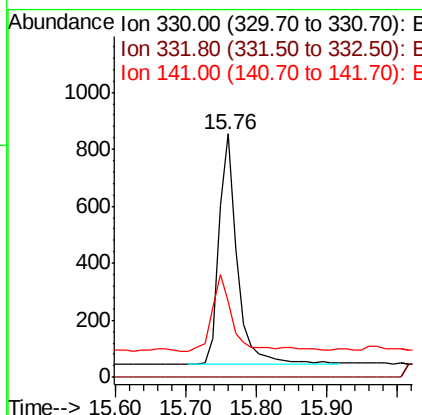
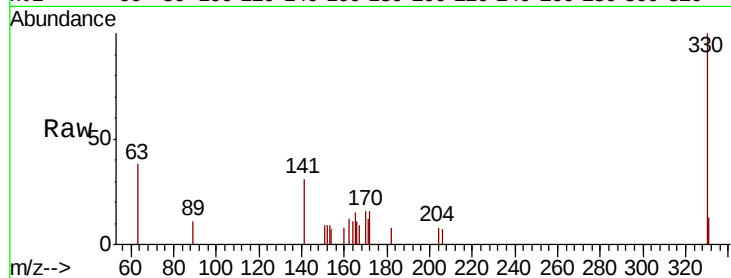




#14
 2,4,6-Tribromophenol
 Concen: 0.471 ng
 RT: 15.76 min Scan# 1461
 Delta R.T. -0.03 min
 Lab File: BN006743.D
 Acq: 06 Jul 2019 07:37

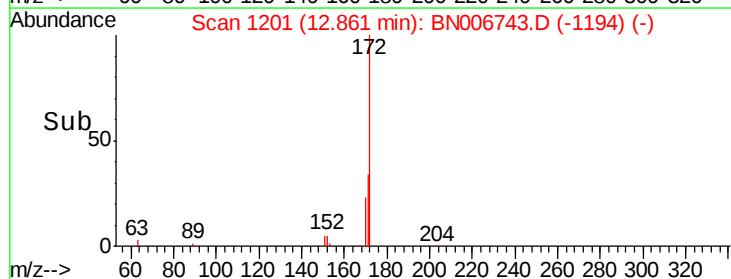
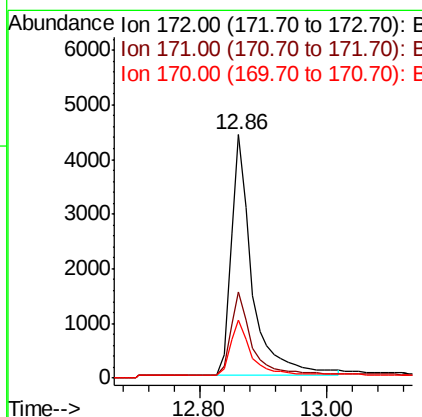
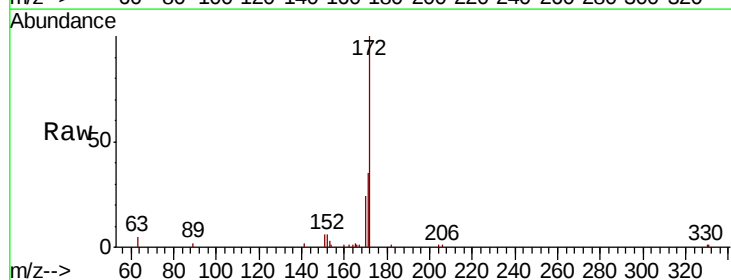
Instrument :
 BNA_N
 ClientSampleId :
 MWHR2-9-070219

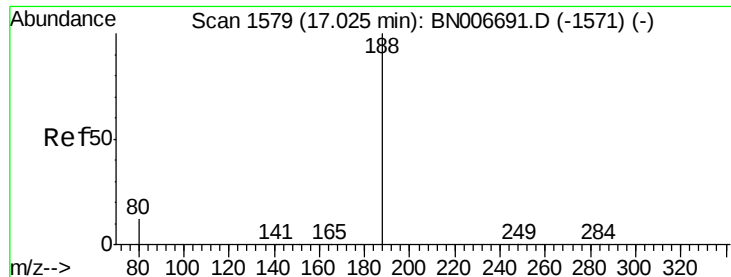
Tgt Ion: 330 Resp: 1491
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 34.2 24.8 37.2



#15
 2-Fluorobiphenyl
 Concen: 0.400 ng
 RT: 12.86 min Scan# 1201
 Delta R.T. -0.02 min
 Lab File: BN006743.D
 Acq: 06 Jul 2019 07:37

Tgt Ion: 172 Resp: 10078
 Ion Ratio Lower Upper
 172 100
 171 35.2 27.8 41.6
 170 23.6 18.9 28.3





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.00 min Scan# 1577

Delta R.T. -0.02 min

Lab File: BN006743.D

Acq: 06 Jul 2019 07:37

Instrument :

BNA_N

ClientSampleId :

MWHR2-9-070219

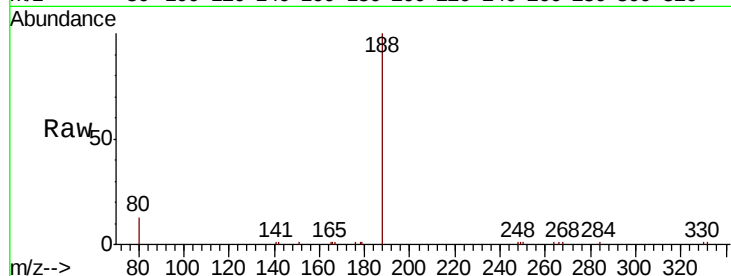
Tgt Ion:188 Resp: 14942

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

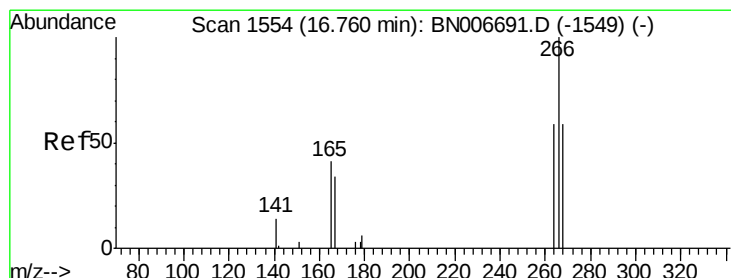
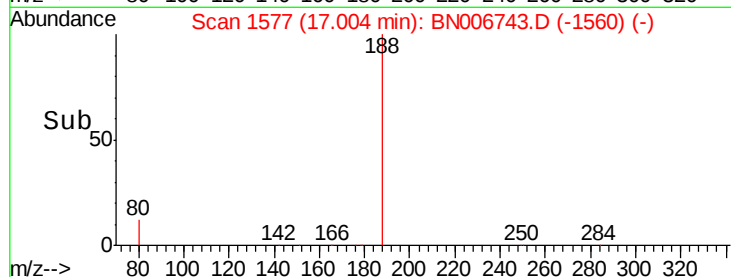
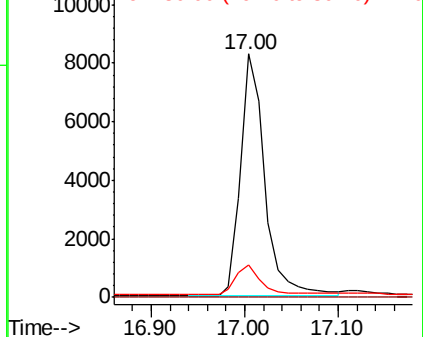
80 13.3 10.3 15.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#22

Pentachlorophenol

Concen: 0.147 ng

RT: 16.73 min Scan# 1551

Delta R.T. -0.03 min

Lab File: BN006743.D

Acq: 06 Jul 2019 07:37

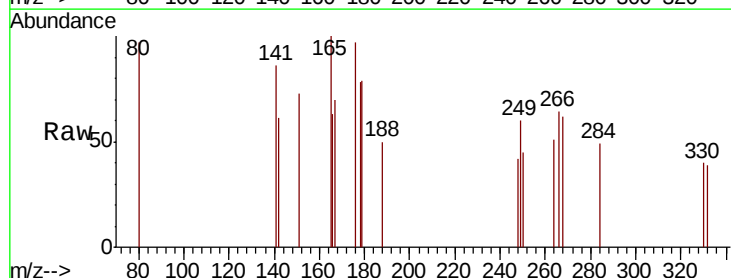
Tgt Ion:266 Resp: 51

Ion Ratio Lower Upper

266 100

264 79.7 57.6 86.4

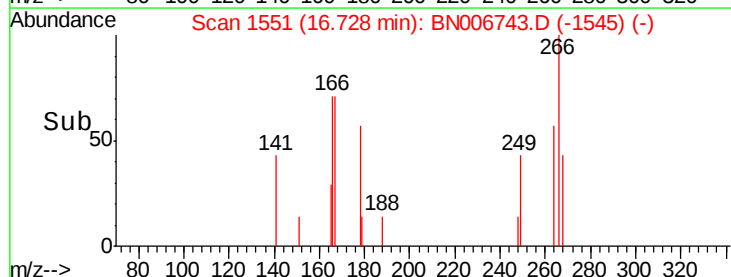
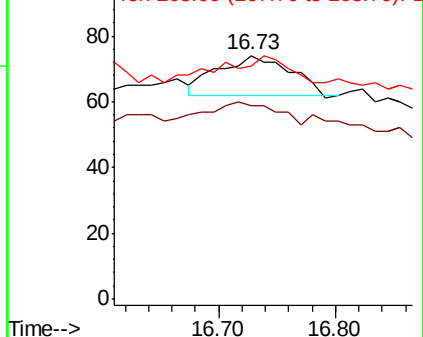
268 95.9 66.6 99.8

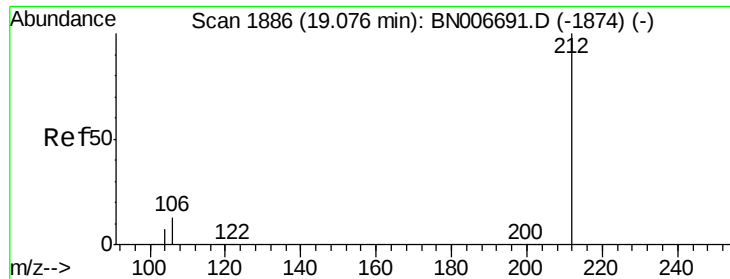


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

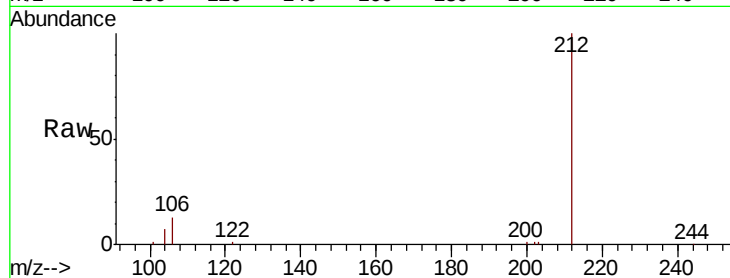




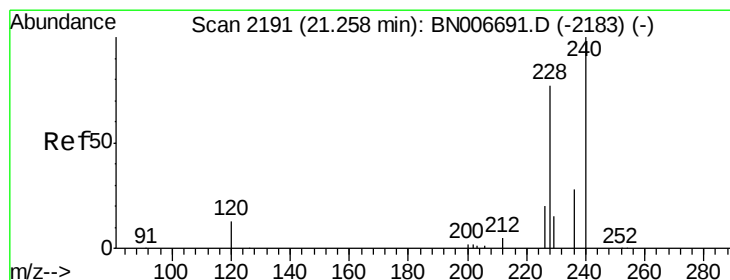
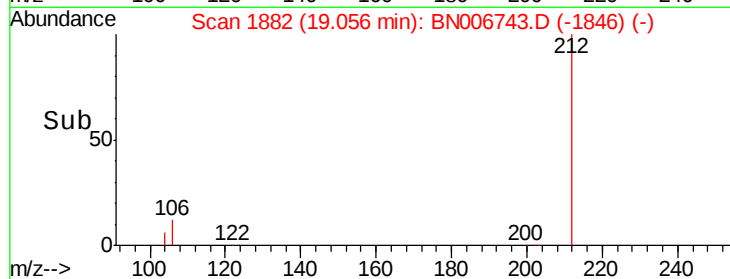
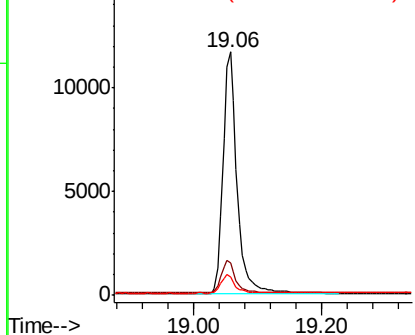
#25
 Fluoranthene-d10
 Concen: 0.433 ng
 RT: 19.06 min Scan# 1882
 Delta R.T. -0.02 min
 Lab File: BN006743.D
 Acq: 06 Jul 2019 07:37

Instrument :
 BNA_N
 ClientSampleId :
 MWHR2-9-070219

Tgt Ion:212 Resp: 18521
 Ion Ratio Lower Upper
 212 100
 106 13.2 11.0 16.6
 104 7.5 6.1 9.1

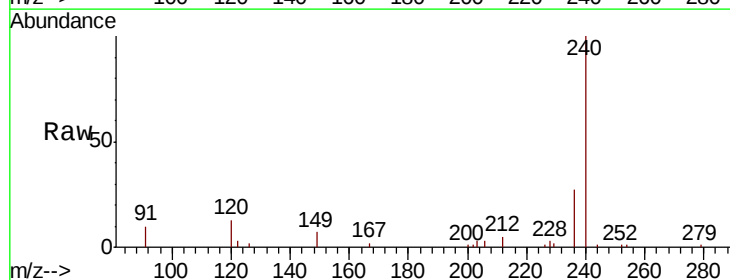


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

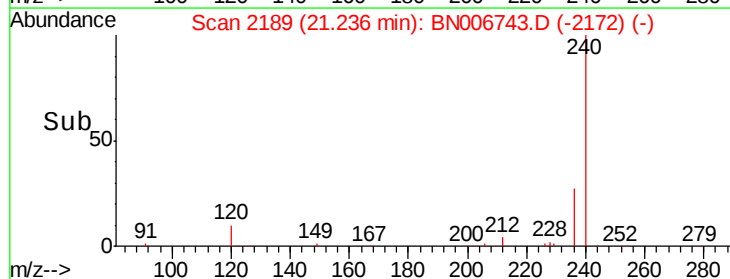
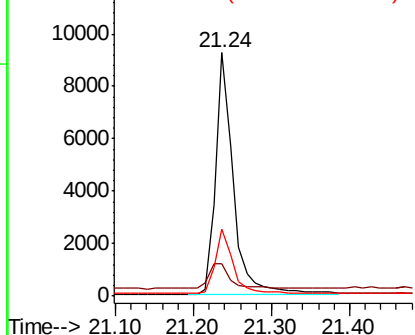


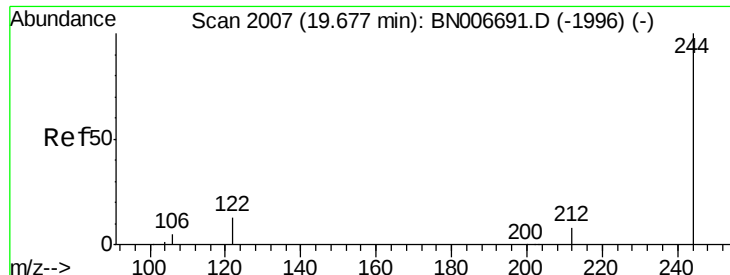
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.24 min Scan# 2189
 Delta R.T. -0.02 min
 Lab File: BN006743.D
 Acq: 06 Jul 2019 07:37

Tgt Ion:240 Resp: 14597
 Ion Ratio Lower Upper
 240 100
 120 13.4 12.9 19.3
 236 27.5 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: 0.471 ng

RT: 19.66 min Scan# 2003

Delta R.T. -0.02 min

Lab File: BN006743.D

Acq: 06 Jul 2019 07:37

Instrument :

BNA_N

ClientSampleId :

MWHR2-9-070219

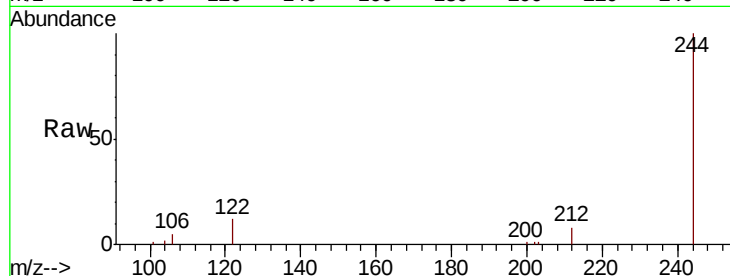
Tgt Ion:244 Resp: 15830

Ion Ratio Lower Upper

244 100

212 7.9 7.0 10.4

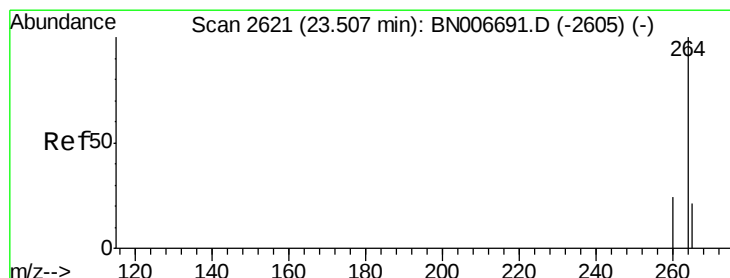
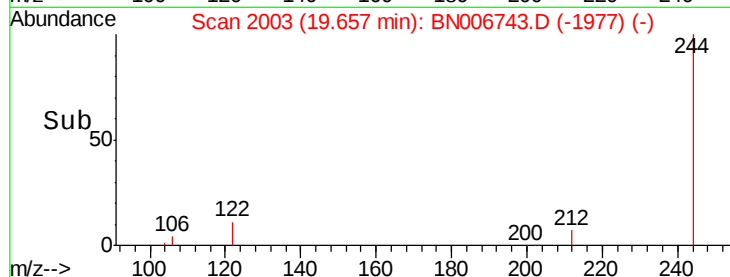
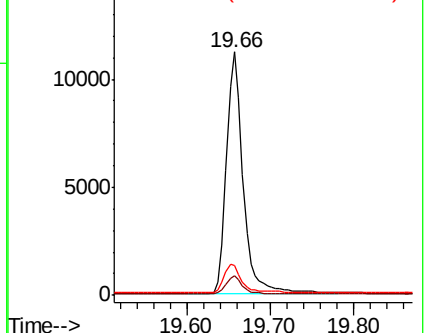
122 12.4 11.5 17.3



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: 23.47 min Scan# 2609

Delta R.T. -0.04 min

Lab File: BN006743.D

Acq: 06 Jul 2019 07:37

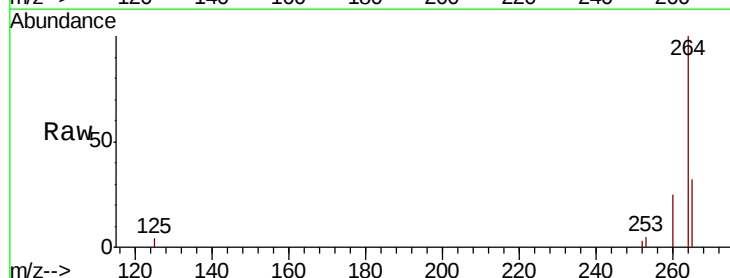
Tgt Ion:264 Resp: 16923

Ion Ratio Lower Upper

264 100

260 24.8 20.2 30.2

265 32.0 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

