

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070519\
 Data File : BN006738.D
 Acq On : 06 Jul 2019 04:43
 Operator : HP/JU
 Sample : K3638-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP

Quant Time: Jul 06 06:28:36 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	2499	0.40	ng	-0.02
7) Naphthalene-d8	10.38	136	9639	0.40	ng	-0.01
13) Acenaphthene-d10	14.24	164	6038	0.40	ng	-0.02
19) Phenanthrene-d10	17.01	188	12962	0.40	ng	-0.01
27) Chrysene-d12	21.23	240	13746	0.40	ng	-0.03
34) Perylene-d12	23.45	264	15542	0.40	ng	-0.06
System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	1237	0.18	ng	0.00
5) Phenol-d6	6.85	99	981	0.11	ng	0.02
8) Nitrobenzene-d5	8.81	82	2324	0.31	ng	0.01
11) 2-Methylnaphthalene-d10	11.98	152	5888	0.41	ng	-0.01
14) 2,4,6-Tribromophenol	15.77	330	1010	0.34	ng	-0.02
15) 2-Fluorobiphenyl	12.86	172	9495	0.40	ng	-0.02
25) Fluoranthene-d10	19.05	212	17191	0.46	ng	-0.02
29) Terphenyl-d14	19.65	244	16363	0.52	ng	-0.02

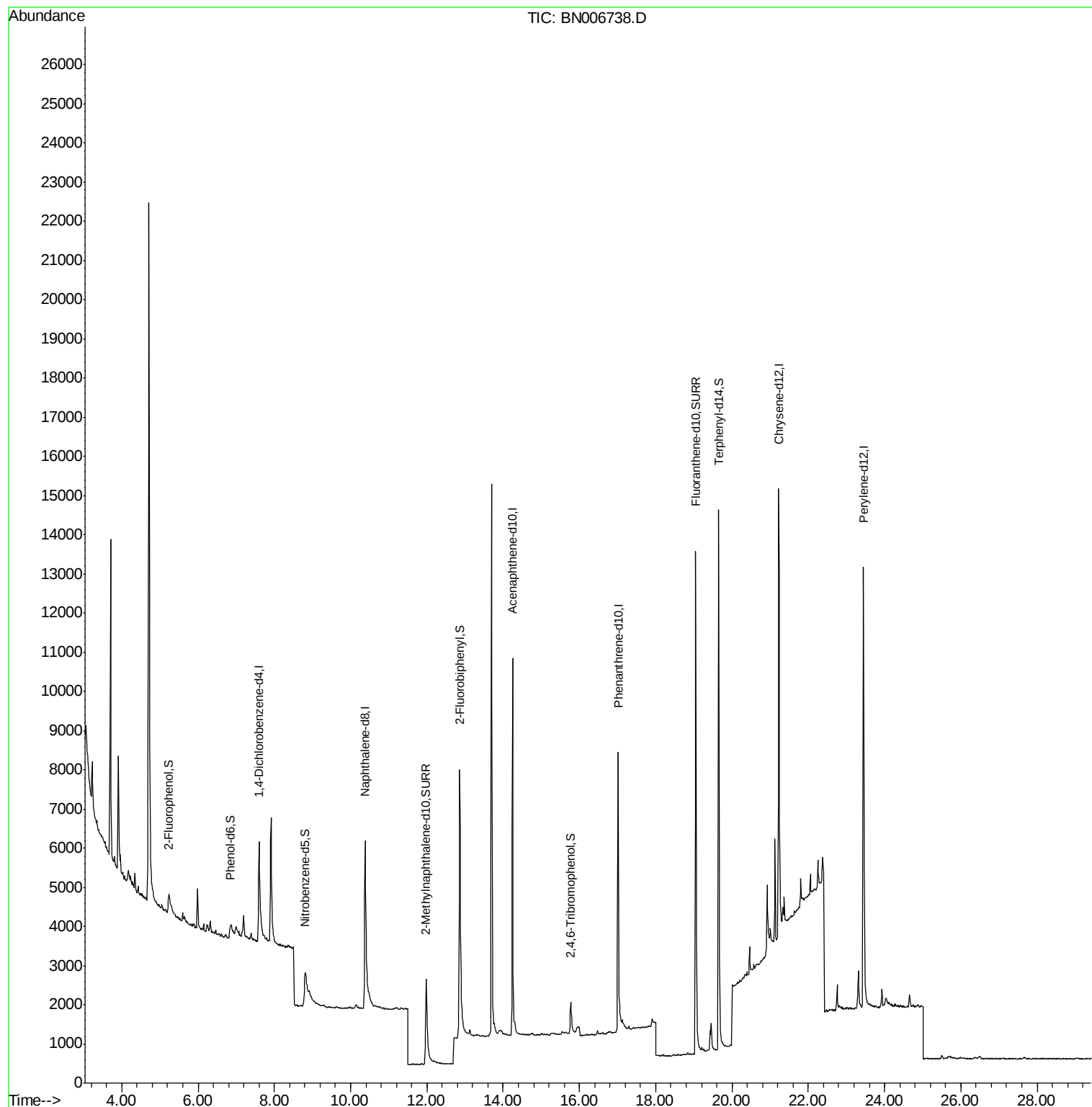
Target Compounds Qvalue

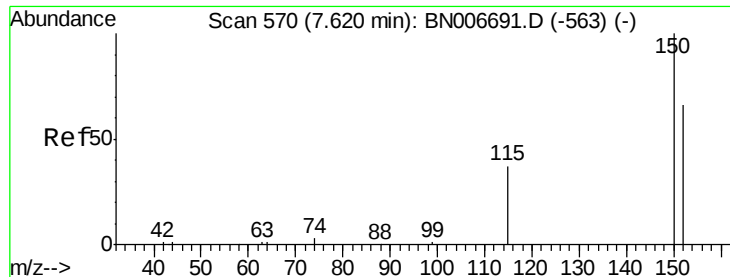
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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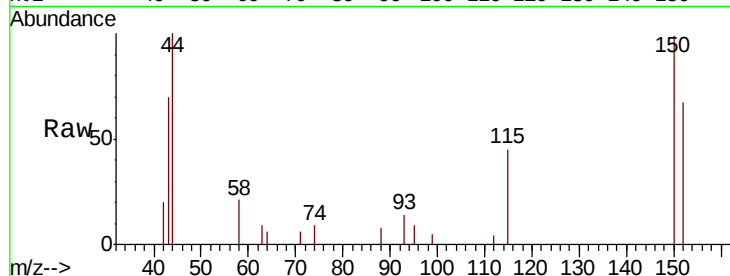


#1

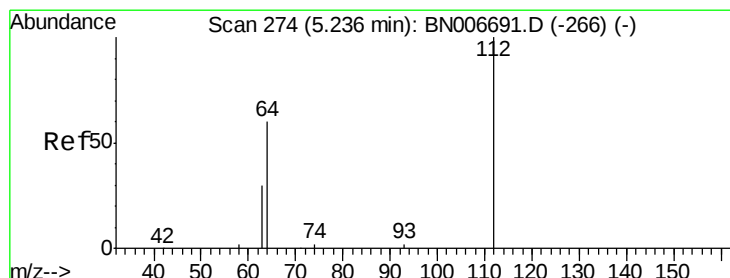
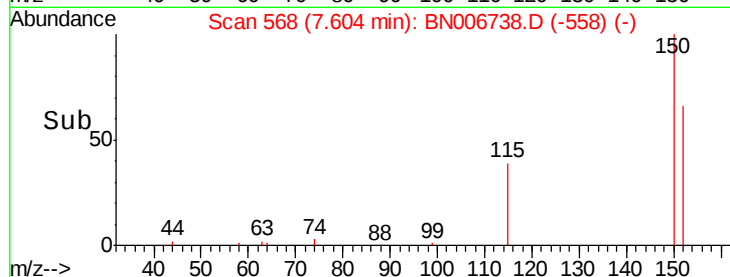
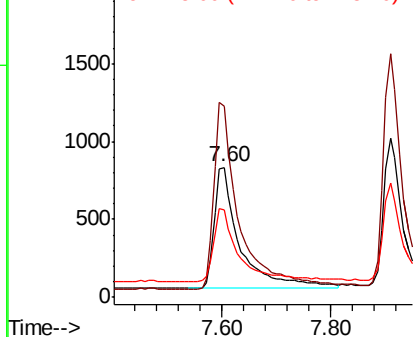
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.60 min Scan# 568
 Delta R.T. -0.02 min
 Lab File: BN006738.D
 Acq: 06 Jul 2019 04:43

Instrument :
 BNA_N
 ClientSampleId :
 DUP

Tot Ion:152 Resp: 2499
 Ion Ratio Lower Upper
 152 100
 150 147.1 120.6 181.0
 115 66.9 51.0 76.6



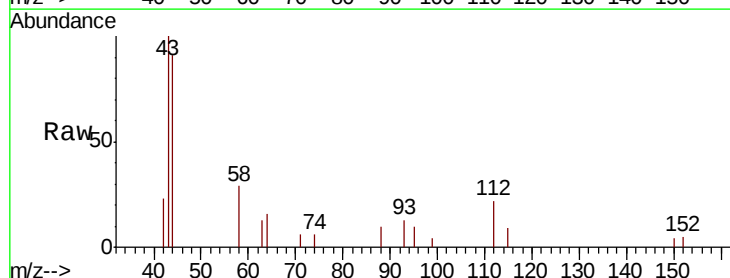
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



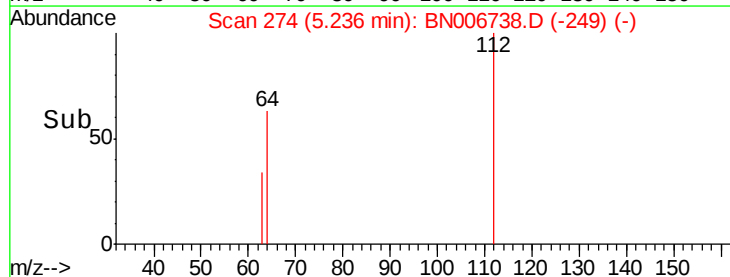
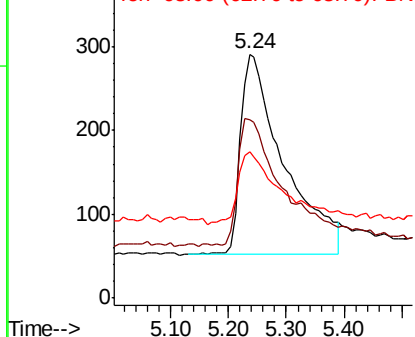
#4

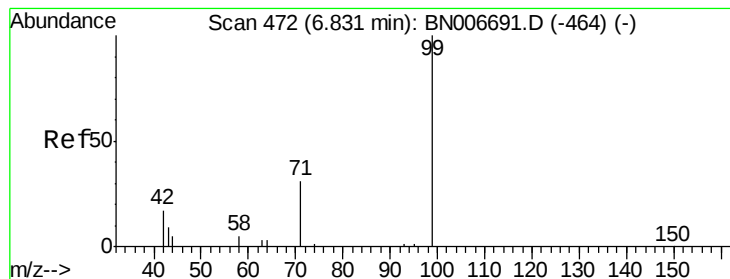
2-Fluorophenol
 Concen: 0.182 ng
 RT: 5.24 min Scan# 274
 Delta R.T. -0.00 min
 Lab File: BN006738.D
 Acq: 06 Jul 2019 04:43

Tgt Ion:112 Resp: 1237
 Ion Ratio Lower Upper
 112 100
 64 65.8 49.8 74.6
 63 34.9 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: 0.114 ng

RT: 6.85 min Scan# 474

Delta R.T. 0.02 min

Lab File: BN006738.D

Acq: 06 Jul 2019 04:43

Instrument :

BNA_N

ClientSampleId :

DUP

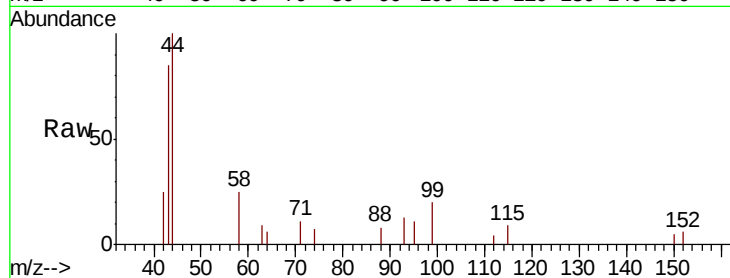
Tot Ion: 99 Resp: 981

Ion Ratio Lower Upper

99 100

42 0.0 16.6 25.0#

71 31.8 26.0 39.0

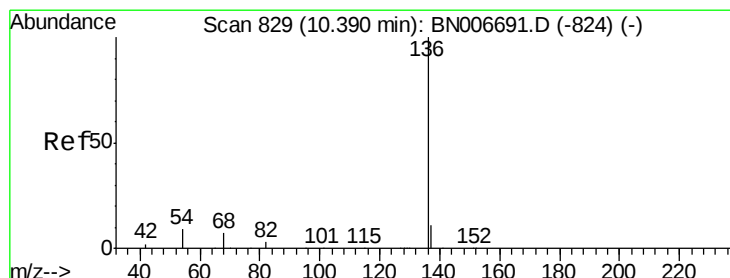
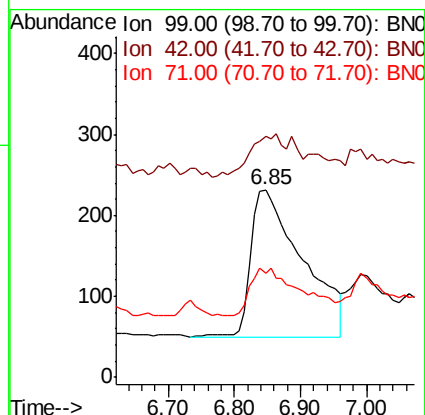
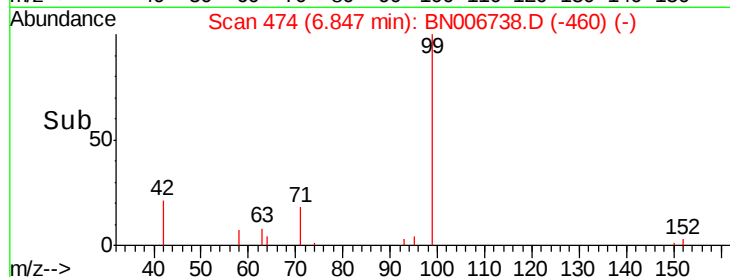


Abundance Ion 99.00 (98.70 to 99.70): BN006691.D (-464) (-)

Ion 42.00 (41.70 to 42.70): BN006691.D (-464) (-)

Ion 71.00 (70.70 to 71.70): BN006691.D (-464) (-)

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.38 min Scan# 828

Delta R.T. -0.01 min

Lab File: BN006738.D

Acq: 06 Jul 2019 04:43

Tgt Ion: 136 Resp: 9639

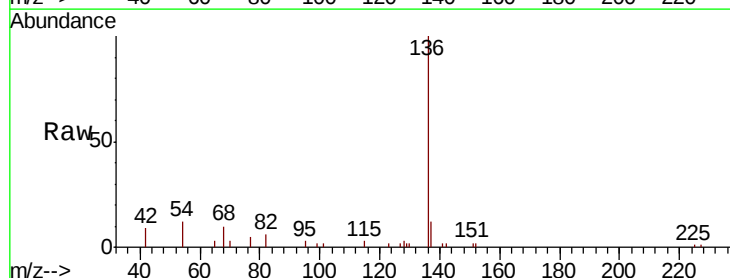
Ion Ratio Lower Upper

136 100

137 12.4 9.3 13.9

54 12.1 8.4 12.6

68 9.8 6.8 10.2



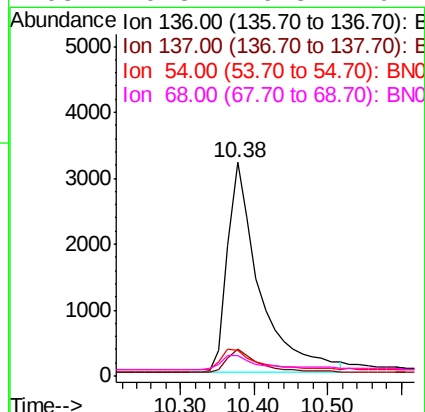
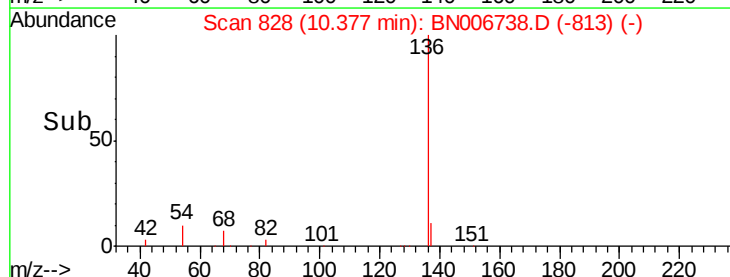
Abundance Ion 136.00 (135.70 to 136.70): BN006691.D (-824) (-)

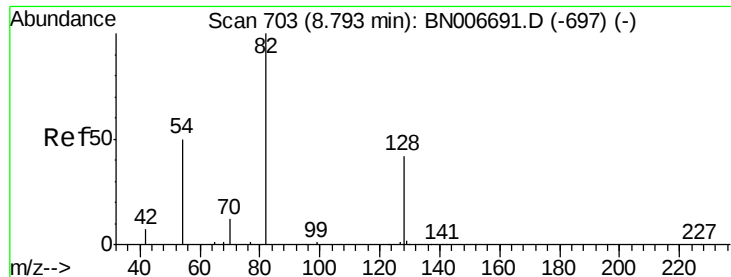
Ion 137.00 (136.70 to 137.70): BN006691.D (-824) (-)

Ion 54.00 (53.70 to 54.70): BN006691.D (-824) (-)

Ion 68.00 (67.70 to 68.70): BN006691.D (-824) (-)

Time-->





#8

Nitrobenzene-d5

Concen: 0.314 ng

RT: 8.81 min Scan# 704

Delta R.T. 0.01 min

Lab File: BN006738.D

Acq: 06 Jul 2019 04:43

Instrument :

BNA_N

ClientSampleId :

DUP

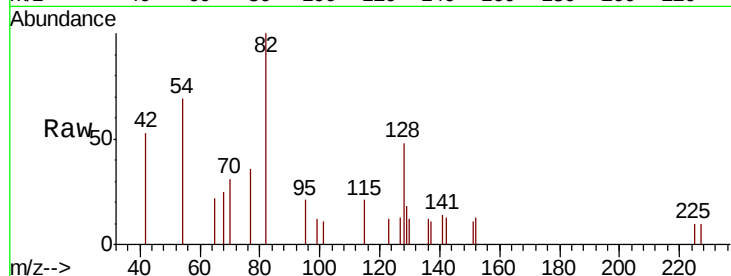
Tot Ion: 82 Resp: 2324

Ion Ratio Lower Upper

82 100

128 48.4 36.1 54.1

54 68.9 44.5 66.7#

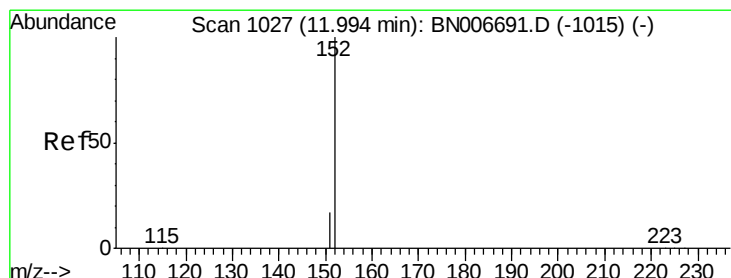
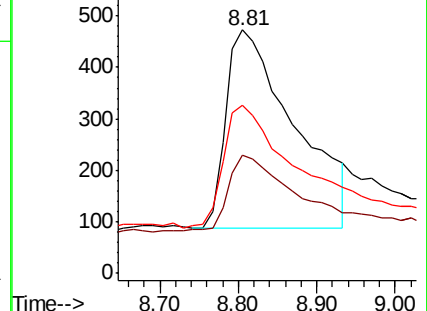
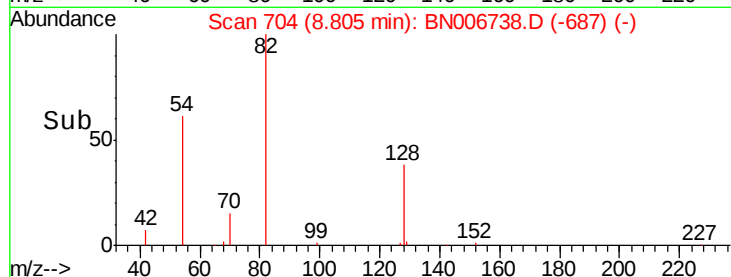


Abundance Ion 82.00 (81.70 to 82.70): BN006691.D (-697) (-)

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

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

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.406 ng

RT: 11.98 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BN006738.D

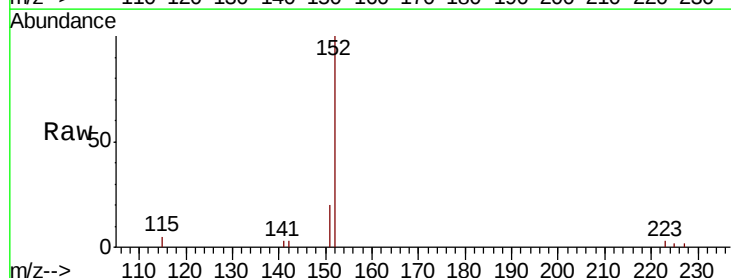
Acq: 06 Jul 2019 04:43

Tgt Ion: 152 Resp: 5888

Ion Ratio Lower Upper

152 100

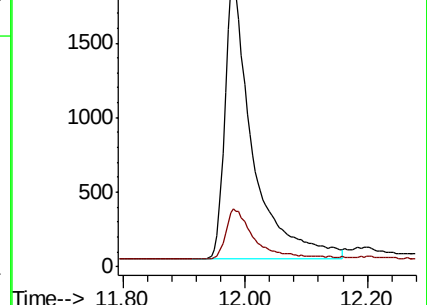
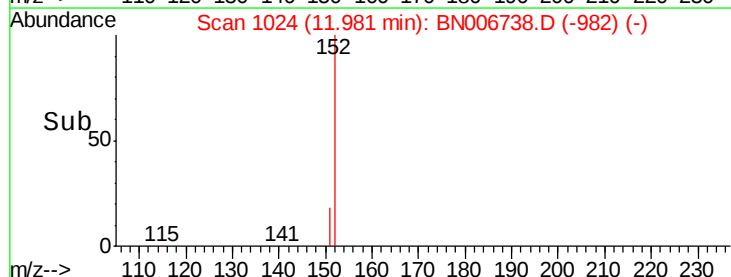
151 18.7 14.9 22.3

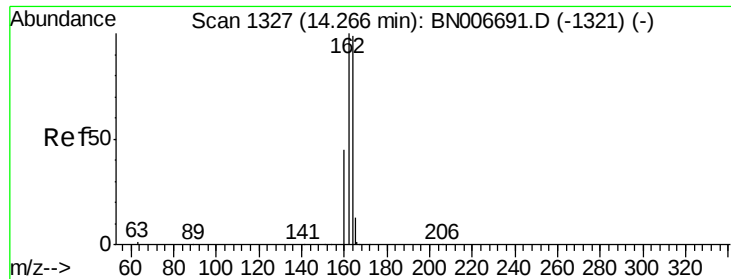


Abundance Ion 152.00 (151.70 to 152.70): BN006691.D (-1015) (-)

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

Time-->

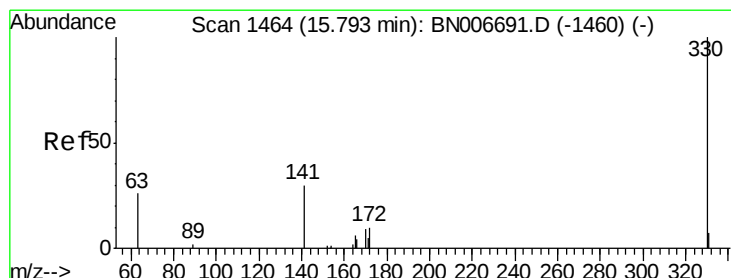
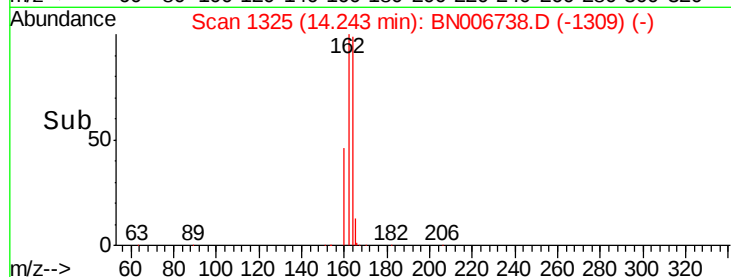
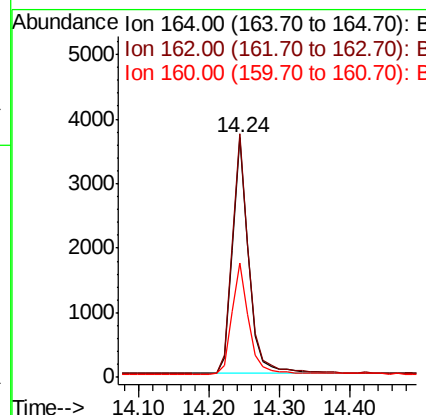
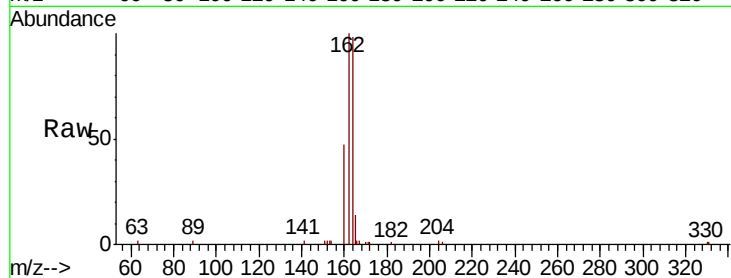




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.24 min Scan# 1325
 Delta R.T. -0.02 min
 Lab File: BN006738.D
 Acq: 06 Jul 2019 04:43

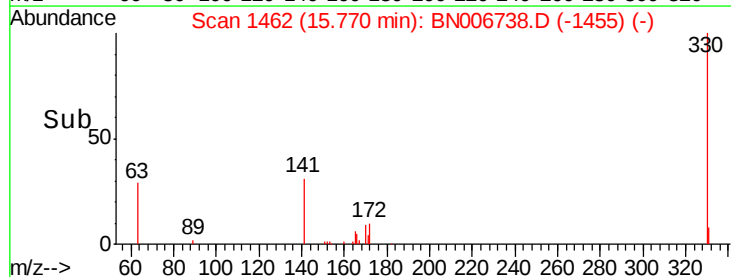
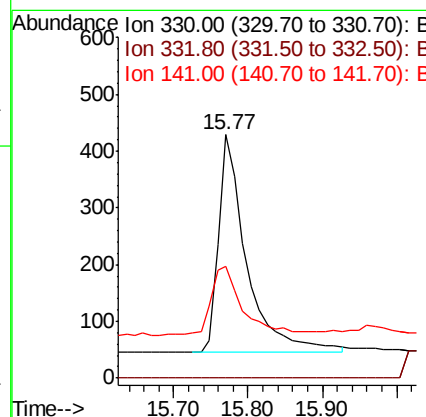
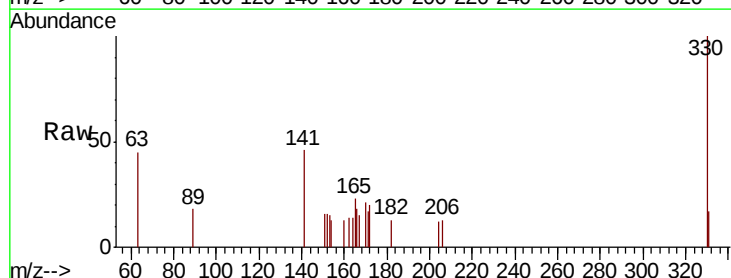
Instrument :
 BNA_N
 ClientSampleId :
 DUP

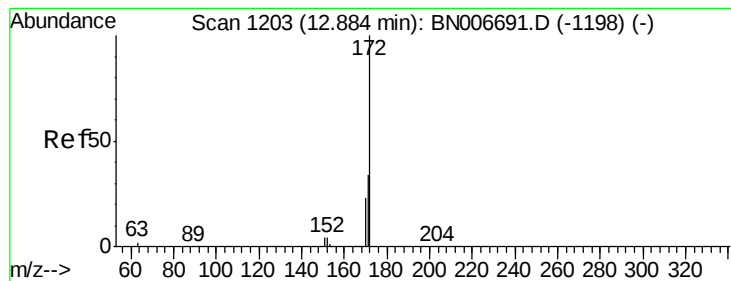
Tot Ion:164 Resp: 6038
 Ion Ratio Lower Upper
 164 100
 162 101.6 80.8 121.2
 160 47.7 37.0 55.6



#14
 2,4,6-Tribromophenol
 Concen: 0.340 ng
 RT: 15.77 min Scan# 1462
 Delta R.T. -0.02 min
 Lab File: BN006738.D
 Acq: 06 Jul 2019 04:43

Tgt Ion:330 Resp: 1010
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 33.4 24.8 37.2

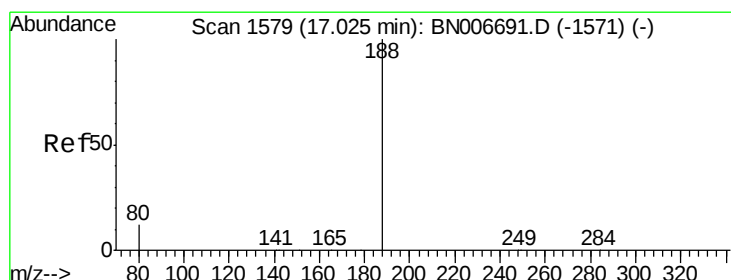
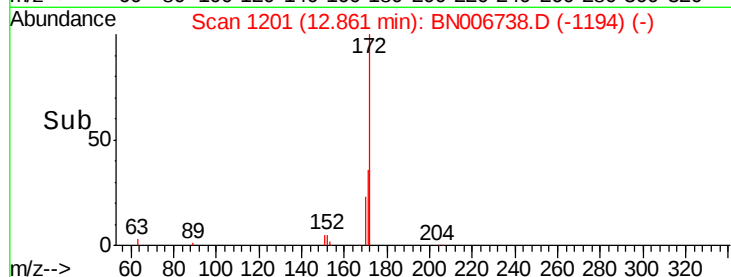
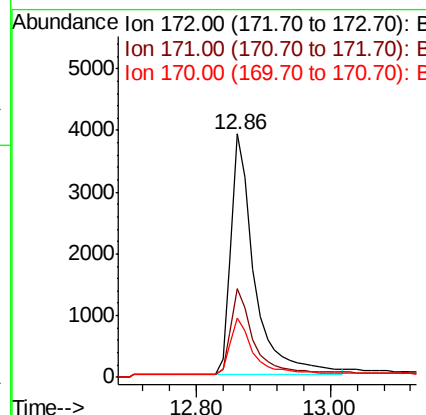
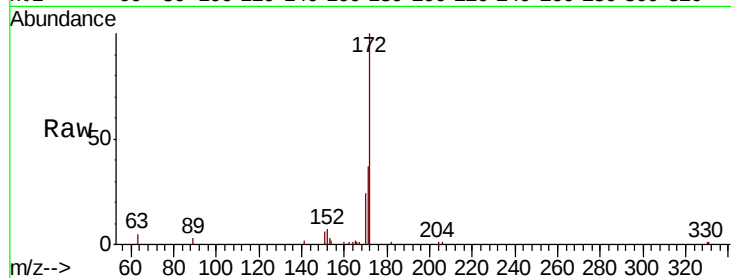




#15
2-Fluorobiphenyl
Concen: 0.402 ng
RT: 12.86 min Scan# 1201
Delta R.T. -0.02 min
Lab File: BN006738.D
Acq: 06 Jul 2019 04:43

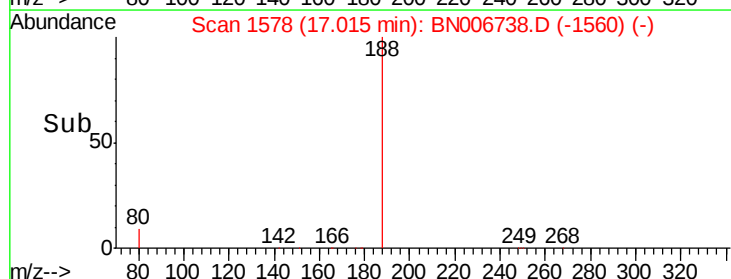
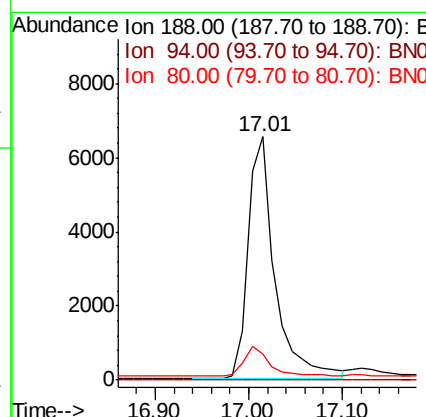
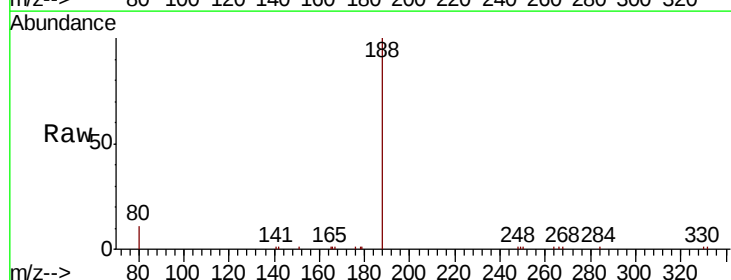
Instrument :
BNA_N
ClientSampled :
DUP

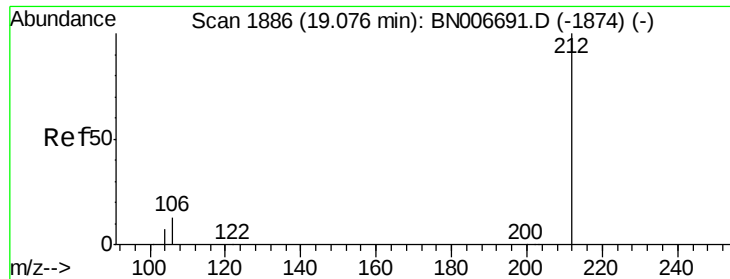
Tot Ion:172 Resp: 9495
Ion Ratio Lower Upper
172 100
171 36.6 27.8 41.6
170 24.4 18.9 28.3



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.01 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BN006738.D
Acq: 06 Jul 2019 04:43

Tgt Ion:188 Resp: 12962
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.5 10.3 15.5

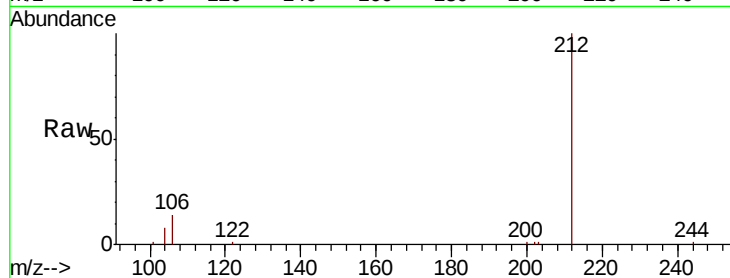




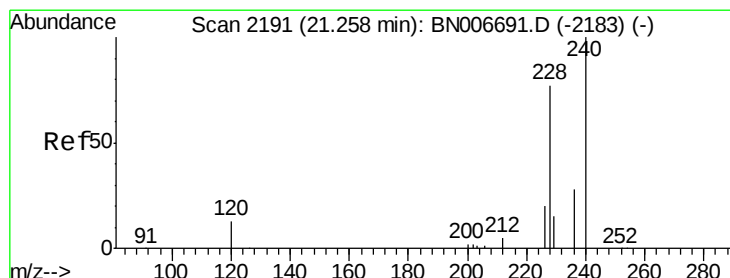
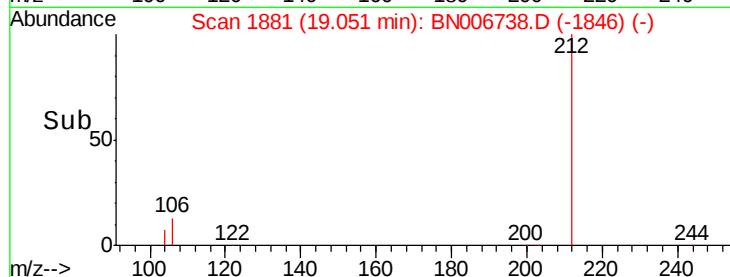
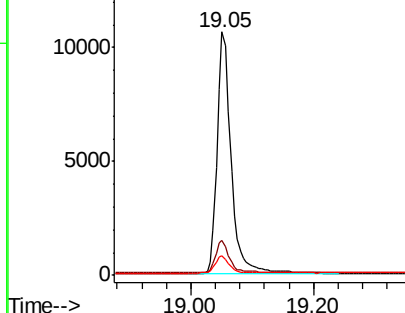
#25
 Fluoranthene-d10
 Concen: 0.464 ng
 RT: 19.05 min Scan# 1881
 Delta R.T. -0.02 min
 Lab File: BN006738.D
 Acq: 06 Jul 2019 04:43

Instrument :
 BNA_N
 ClientSampleId :
 DUP

Tot Ion:212 Resp: 17191
 Ion Ratio Lower Upper
 212 100
 106 13.1 11.0 16.6
 104 7.2 6.1 9.1

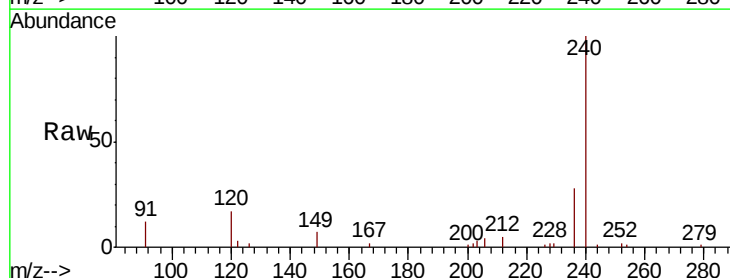


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

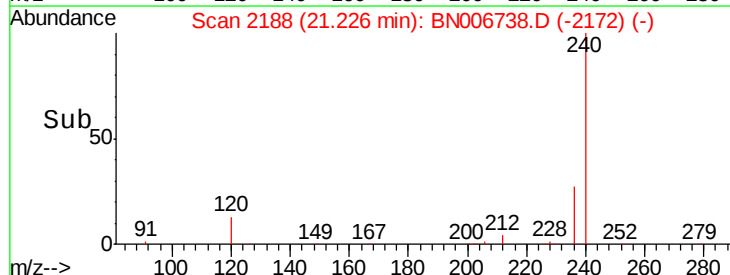
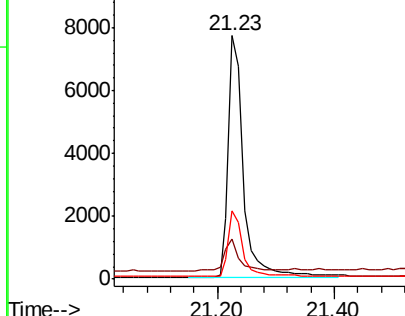


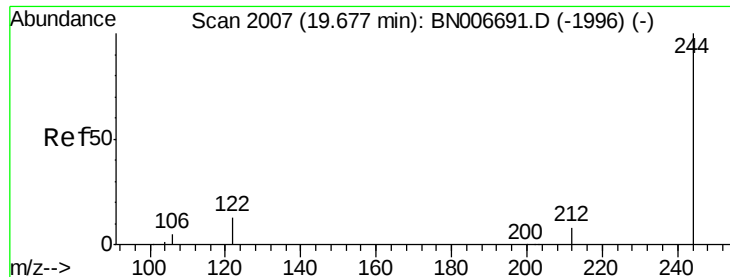
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.23 min Scan# 2188
 Delta R.T. -0.03 min
 Lab File: BN006738.D
 Acq: 06 Jul 2019 04:43

Tgt Ion:240 Resp: 13746
 Ion Ratio Lower Upper
 240 100
 120 16.7 12.9 19.3
 236 28.2 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: 0.517 ng

RT: 19.65 min Scan# 2002

Delta R.T. -0.02 min

Lab File: BN006738.D

Acq: 06 Jul 2019 04:43

Instrument :

BNA_N

ClientSampleId :

DUP

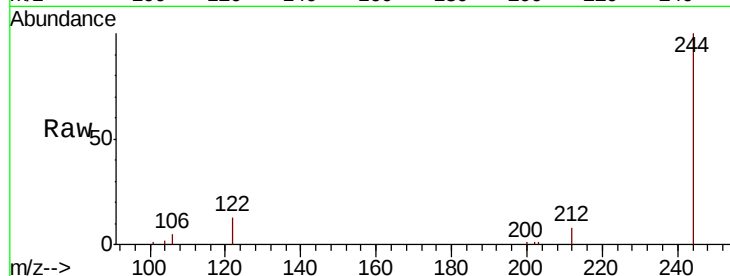
Tot Ion:244 Resp: 16363

Ion Ratio Lower Upper

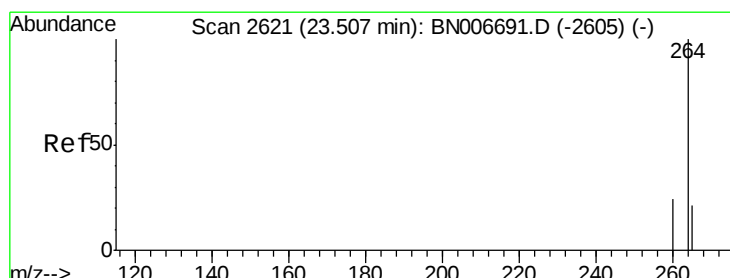
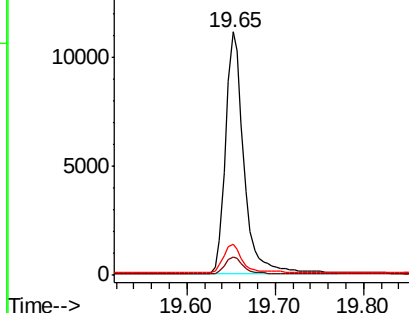
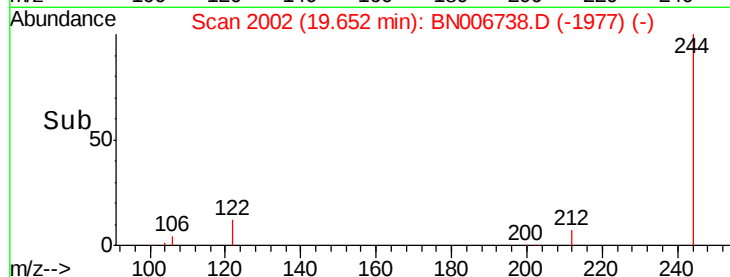
244 100

212 7.7 7.0 10.4

122 12.8 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: 23.45 min Scan# 2604

Delta R.T. -0.06 min

Lab File: BN006738.D

Acq: 06 Jul 2019 04:43

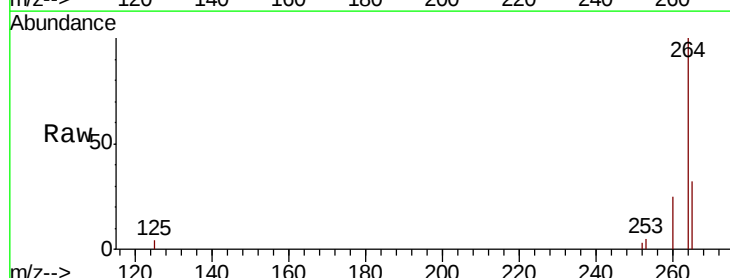
Tgt Ion:264 Resp: 15542

Ion Ratio Lower Upper

264 100

260 25.4 20.2 30.2

265 32.1 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

