

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070519\
 Data File : BN006733.D
 Acq On : 06 Jul 2019 01:48
 Operator : HP/JU
 Sample : PB120991BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB120991BL

Quant Time: Jul 06 03:20:50 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

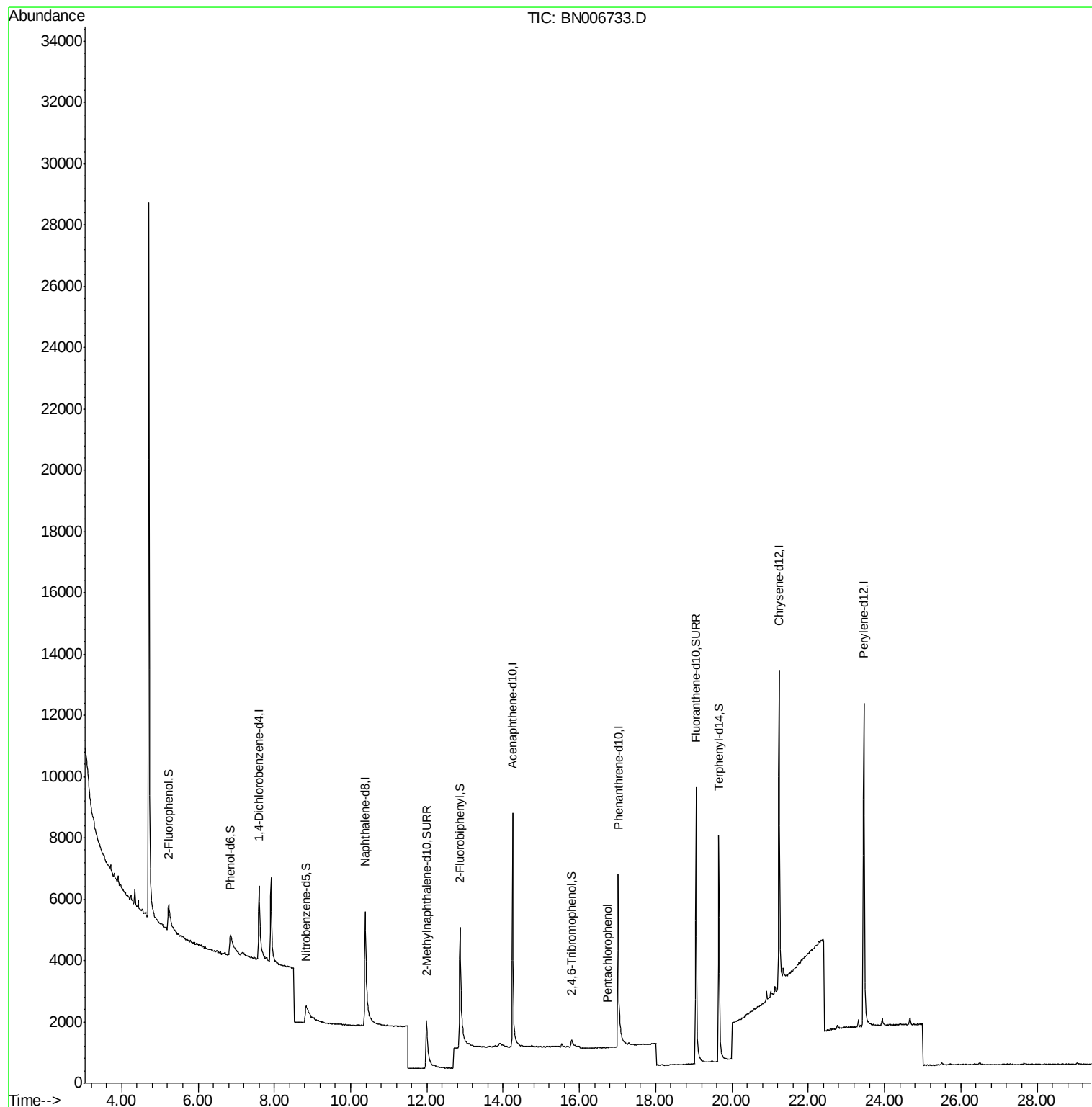
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	2682	0.40	ng	-0.02
7) Naphthalene-d8	10.38	136	9572	0.40	ng	-0.01
13) Acenaphthene-d10	14.24	164	5996	0.40	ng	-0.02
19) Phenanthrene-d10	17.01	188	13099	0.40	ng	-0.01
27) Chrysene-d12	21.24	240	13282	0.40	ng	-0.02
34) Perylene-d12	23.46	264	16344	0.40	ng	-0.05
System Monitoring Compounds						
4) 2-Fluorophenol	5.23	112	2102	0.29	ng	0.00
5) Phenol-d6	6.86	99	2319	0.25	ng	0.02
8) Nitrobenzene-d5	8.83	82	1583	0.22	ng	0.04
11) 2-Methylnaphthalene-d10	11.99	152	5049	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.79	330	413	0.14	ng	0.00
15) 2-Fluorobiphenyl	12.87	172	6979	0.30	ng	-0.01
25) Fluoranthene-d10	19.06	212	13969	0.37	ng	-0.02
29) Terphenyl-d14	19.66	244	9999	0.33	ng	-0.02
Target Compounds						
12) 2-Methylnaphthalene	12.07	142	1	Below Cal	#	23
22) Pentachlorophenol	16.74	266	3	0.113 ng	#	76

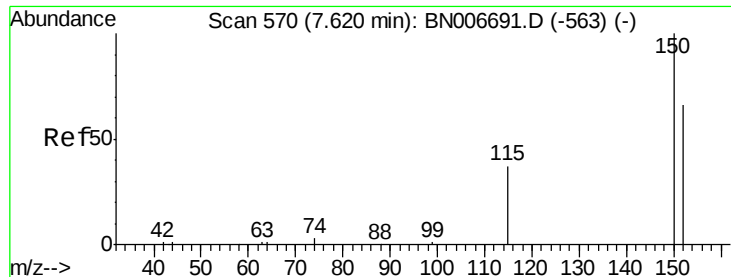
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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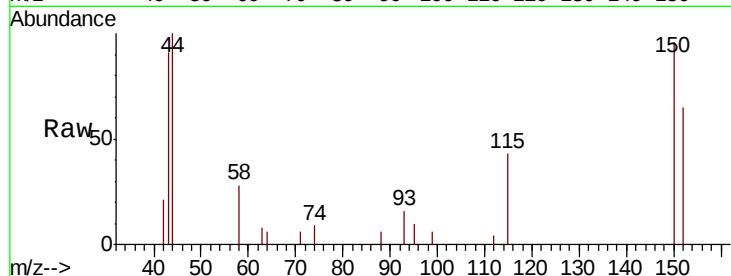


#1

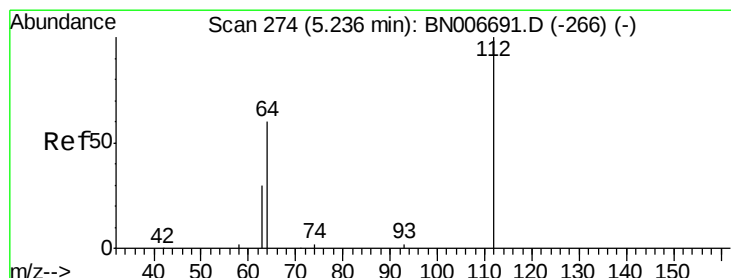
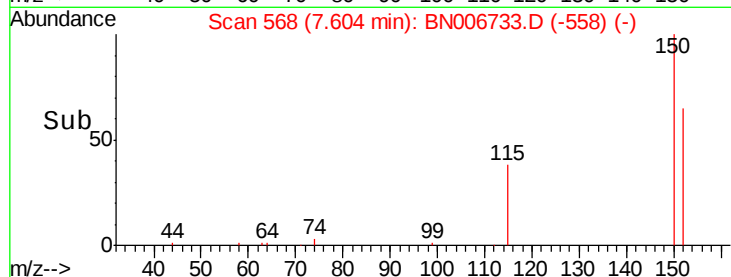
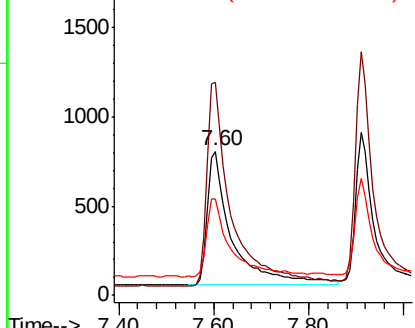
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.60 min Scan# 568
 Delta R.T. -0.02 min
 Lab File: BN006733.D
 Acq: 06 Jul 2019 01:48

Instrument :
 BNA_N
 ClientSampleId :
 PB120991BL

Tgt Ion:152 Resp: 2682
 Ion Ratio Lower Upper
 152 100
 150 148.1 120.6 181.0
 115 66.7 51.0 76.6



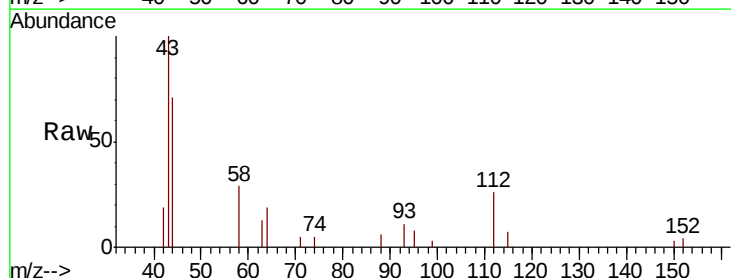
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



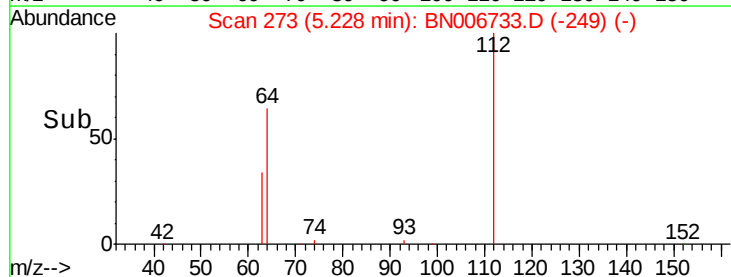
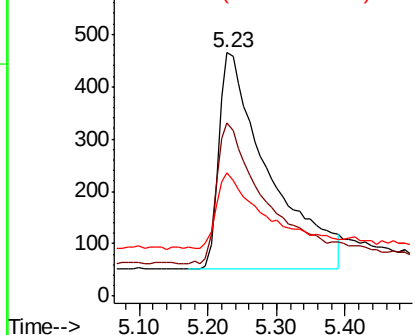
#4

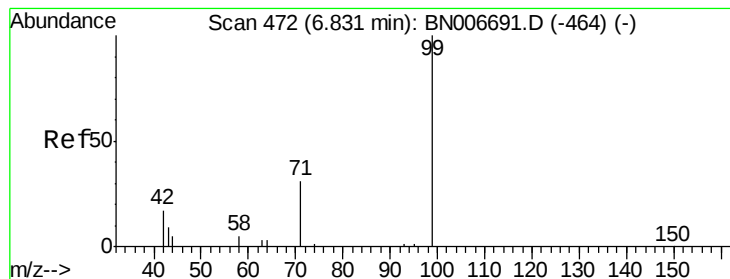
2-Fluorophenol
 Concen: 0.289 ng
 RT: 5.23 min Scan# 273
 Delta R.T. -0.01 min
 Lab File: BN006733.D
 Acq: 06 Jul 2019 01:48

Tgt Ion:112 Resp: 2102
 Ion Ratio Lower Upper
 112 100
 64 64.6 49.8 74.6
 63 33.1 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: 0.251 ng

RT: 6.86 min Scan# 475

Delta R.T. 0.02 min

Lab File: BN006733.D

Acq: 06 Jul 2019 01:48

Instrument :

BNA_N

ClientSampled :

PB120991BL

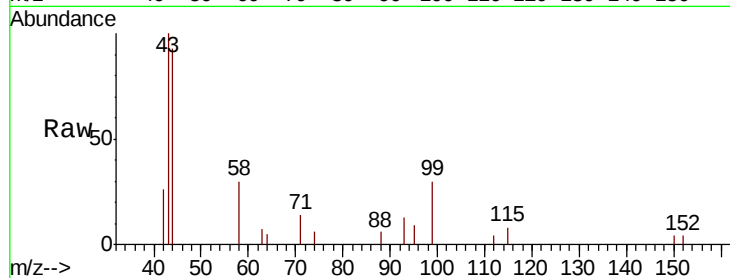
Tgt Ion: 99 Resp: 2319

Ion Ratio Lower Upper

99 100

42 24.0 16.6 25.0

71 35.9 26.0 39.0

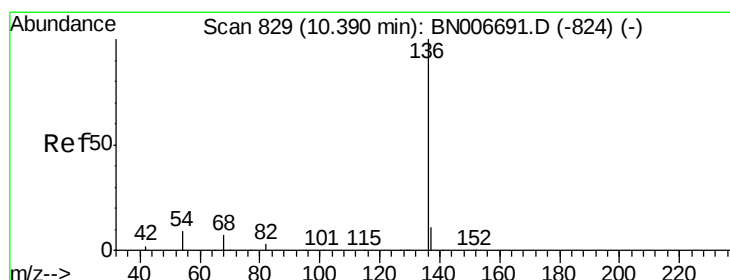
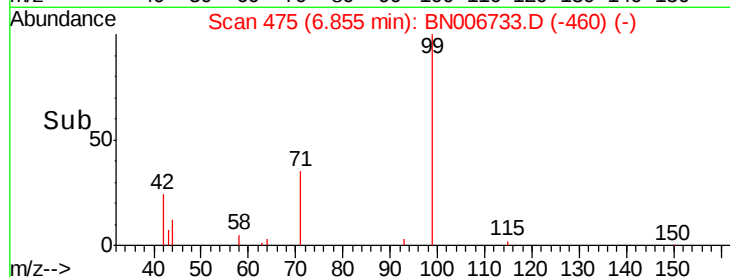
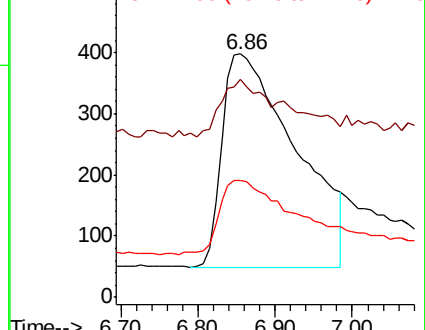


Abundance

Ion 99.00 (98.70 to 99.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 71.00 (70.70 to 71.70): BN0



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.38 min Scan# 828

Delta R.T. -0.01 min

Lab File: BN006733.D

Acq: 06 Jul 2019 01:48

Tgt Ion: 136 Resp: 9572

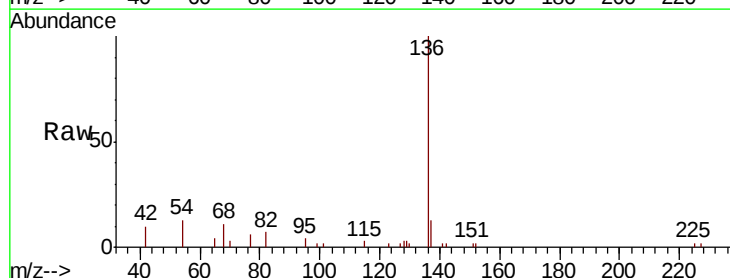
Ion Ratio Lower Upper

136 100

137 12.6 9.3 13.9

54 13.3 8.4 12.6#

68 10.5 6.8 10.2#



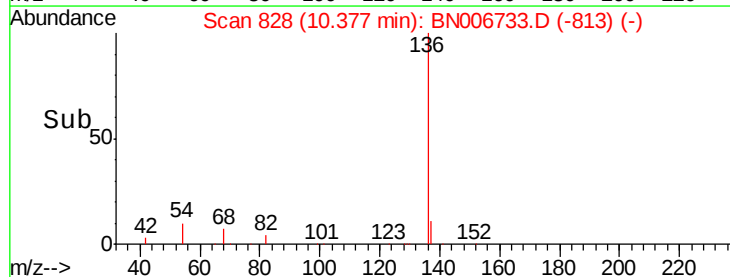
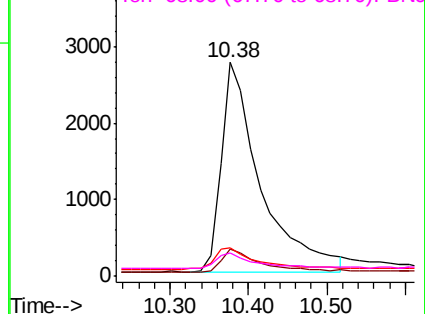
Abundance

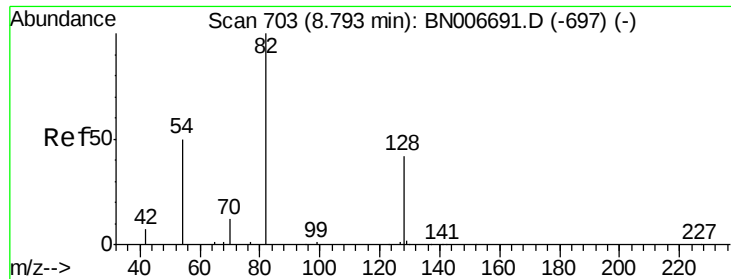
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BN0

Ion 68.00 (67.70 to 68.70): BN0





#8

Nitrobenzene-d5

Concen: 0.216 ng

RT: 8.83 min Scan# 706

Delta R.T. 0.04 min

Lab File: BN006733.D

Acq: 06 Jul 2019 01:48

Instrument :

BNA_N

ClientSampleId :

PB120991BL

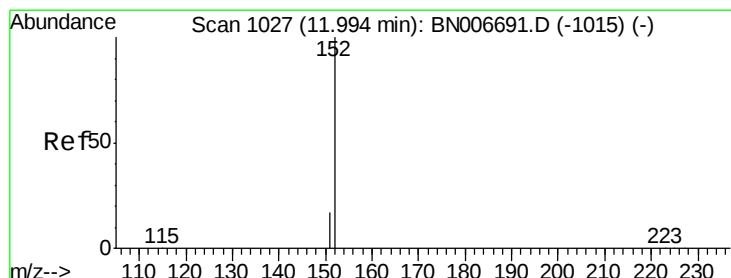
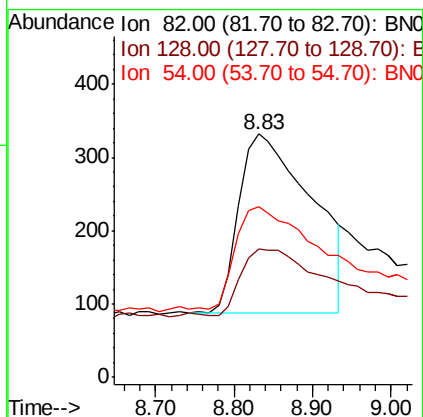
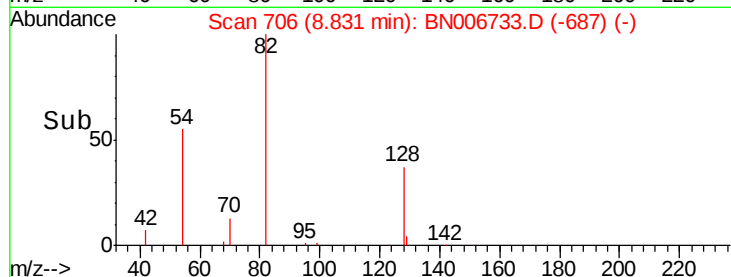
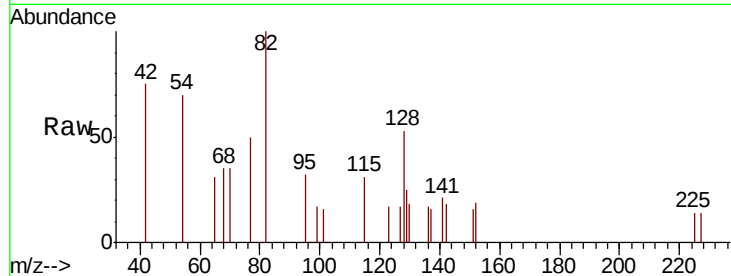
Tgt Ion: 82 Resp: 1583

Ion Ratio Lower Upper

82 100

128 53.0 36.1 54.1

54 69.9 44.5 66.7#



#11

2-Methylnaphthalene-d10

Concen: 0.351 ng

RT: 11.99 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BN006733.D

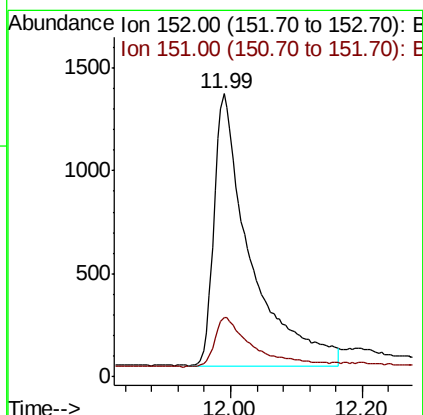
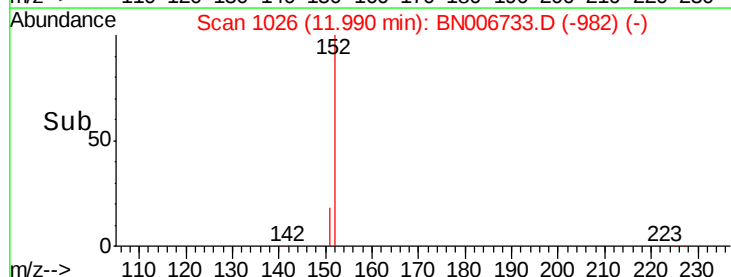
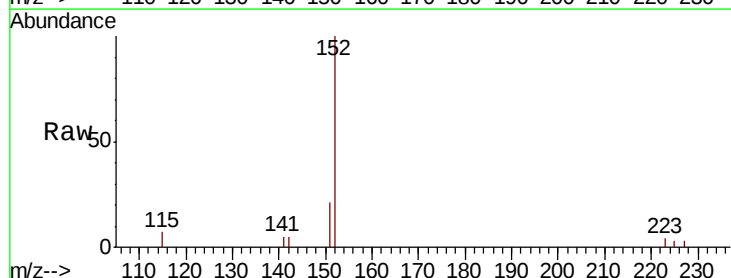
Acq: 06 Jul 2019 01:48

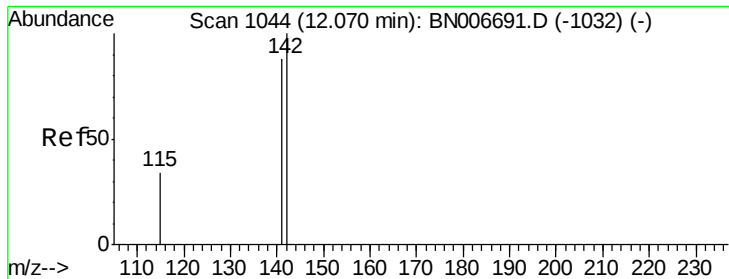
Tgt Ion: 152 Resp: 5049

Ion Ratio Lower Upper

152 100

151 19.4 14.9 22.3

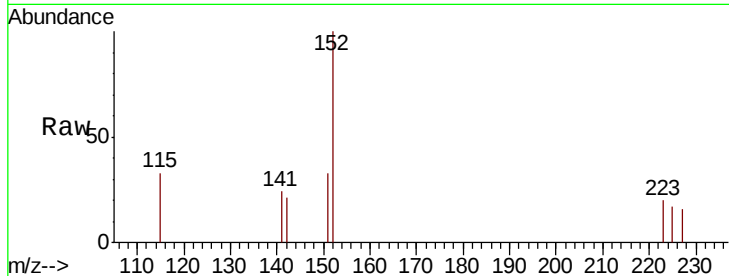




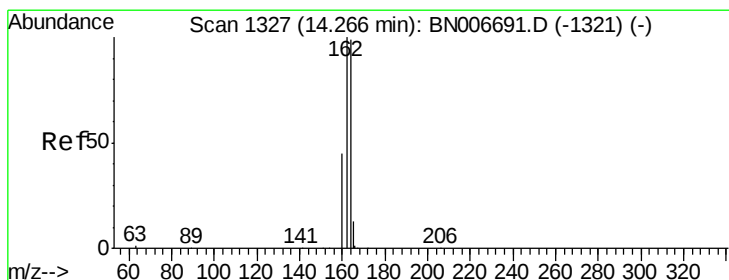
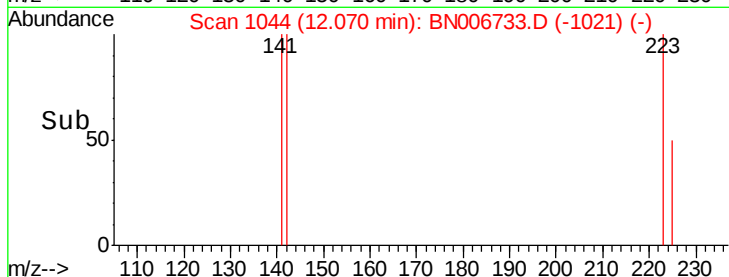
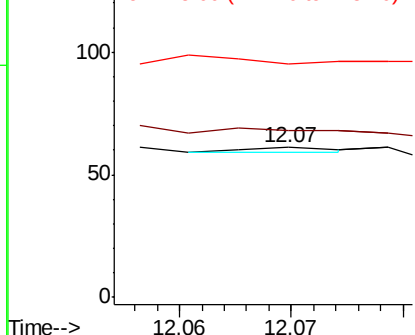
#12
2-Methylnaphthalene
Concen: Below Cal
RT: 12.07 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BN006733.D
Acq: 06 Jul 2019 01:48

Instrument :
BNA_N
ClientSampleId :
PB120991BL

Tgt Ion:142 Resp: 1
Ion Ratio Lower Upper
142 100
141 111.5 70.3 105.5#
115 155.7 28.9 43.3#

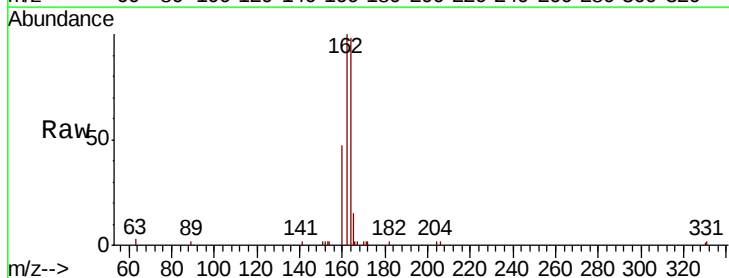


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

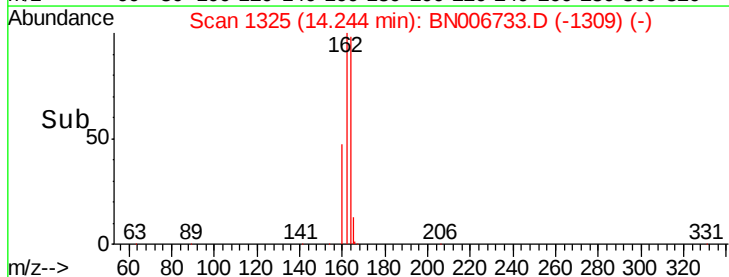
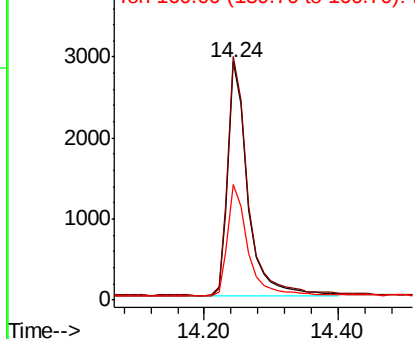


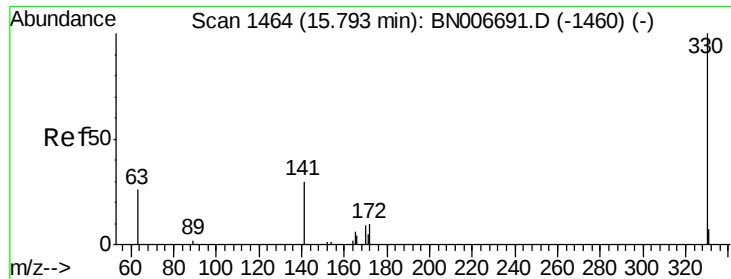
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.24 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BN006733.D
Acq: 06 Jul 2019 01:48

Tgt Ion:164 Resp: 5996
Ion Ratio Lower Upper
164 100
162 102.1 80.8 121.2
160 48.4 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

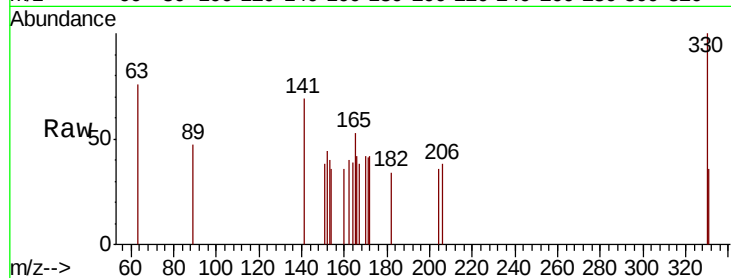




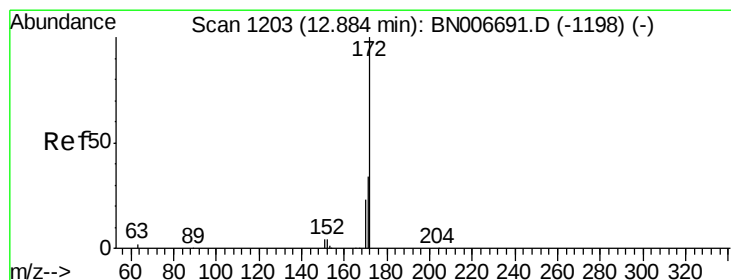
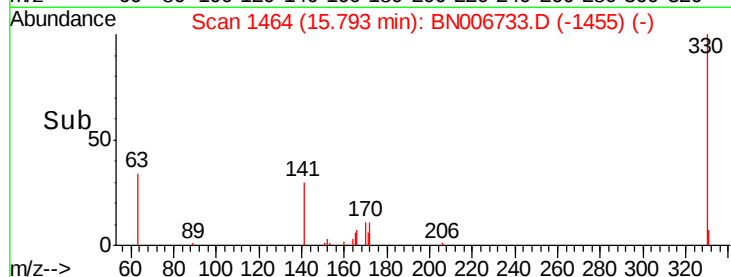
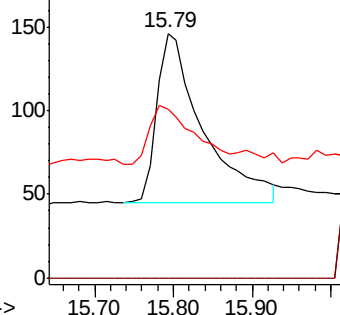
#14
 2,4,6-Tribromophenol
 Concen: 0.140 ng
 RT: 15.79 min Scan# 1464
 Delta R.T. 0.00 min
 Lab File: BN006733.D
 Acq: 06 Jul 2019 01:48

Instrument :
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 PB120991BL

Tgt Ion:330 Resp: 413
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 32.9 24.8 37.2

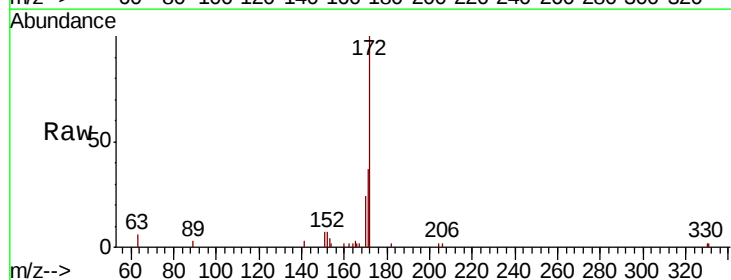


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

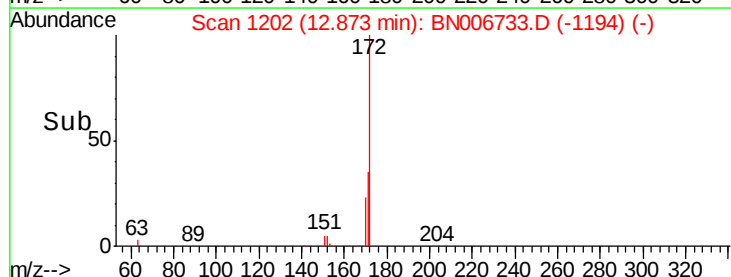
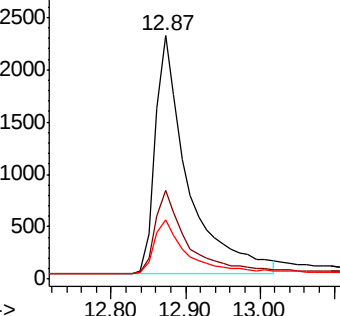


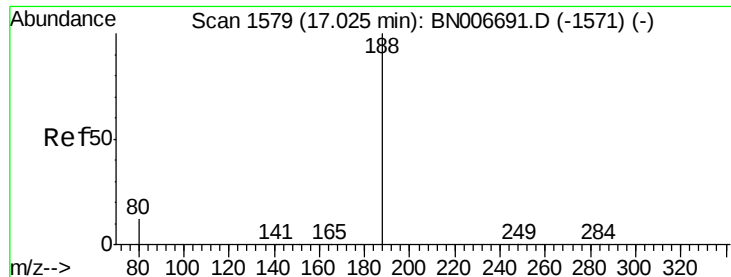
#15
 2-Fluorobiphenyl
 Concen: 0.298 ng
 RT: 12.87 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BN006733.D
 Acq: 06 Jul 2019 01:48

Tgt Ion:172 Resp: 6979
 Ion Ratio Lower Upper
 172 100
 171 36.7 27.8 41.6
 170 24.5 18.9 28.3



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: 17.01 min Scan# 1578

Delta R.T. -0.01 min

Lab File: BN006733.D

Acq: 06 Jul 2019 01:48

Instrument :

BNA_N

ClientSampleId :

PB120991BL

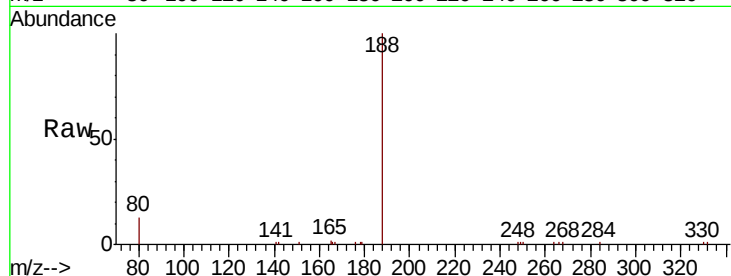
Tgt Ion:188 Resp: 13099

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

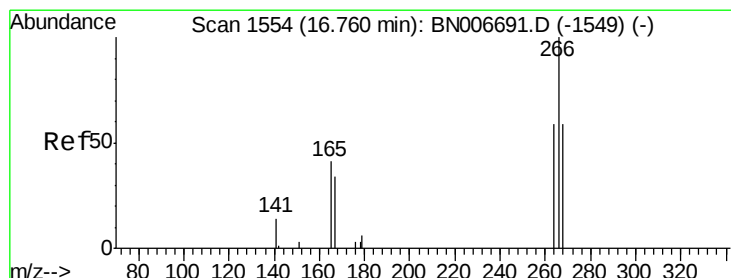
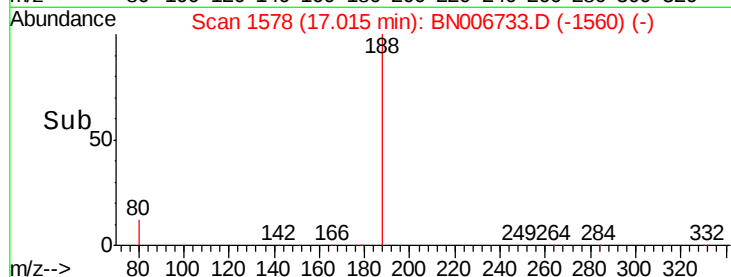
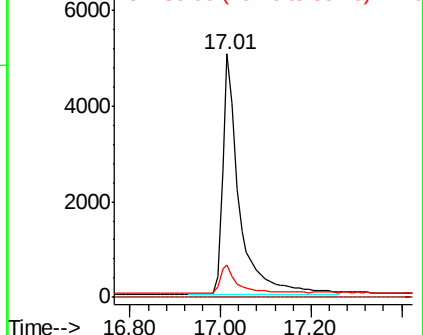
80 13.2 10.3 15.5



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: 0.113 ng

RT: 16.74 min Scan# 1552

Delta R.T. -0.02 min

Lab File: BN006733.D

Acq: 06 Jul 2019 01:48

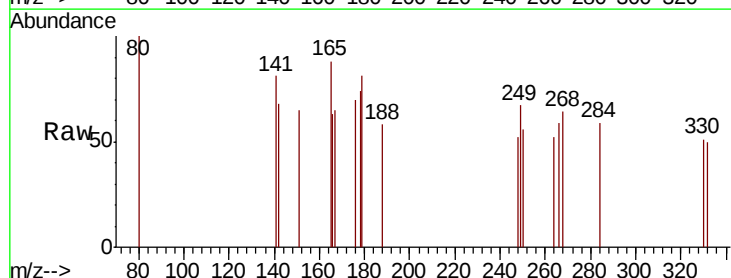
Tgt Ion:266 Resp: 3

Ion Ratio Lower Upper

266 100

264 88.5 57.6 86.4#

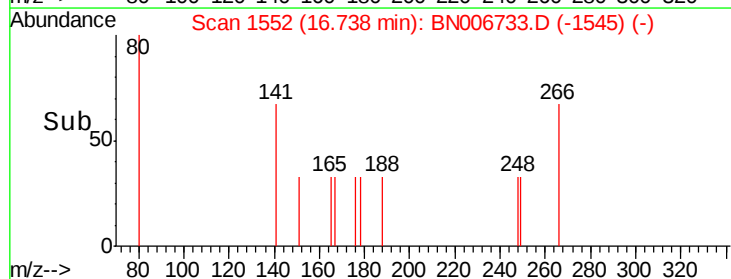
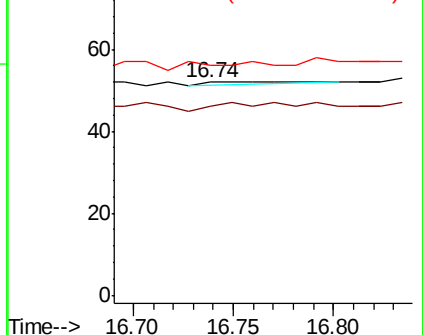
268 107.7 66.6 99.8#

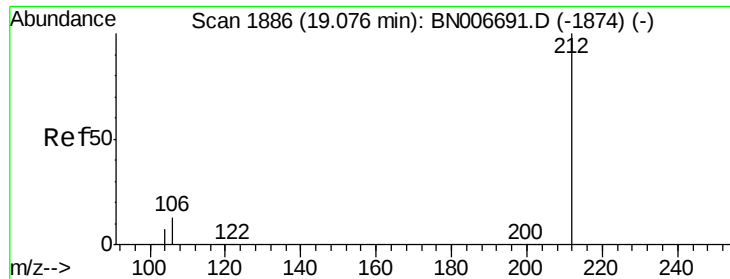


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.373 ng

RT: 19.06 min Scan# 1882

Delta R.T. -0.02 min

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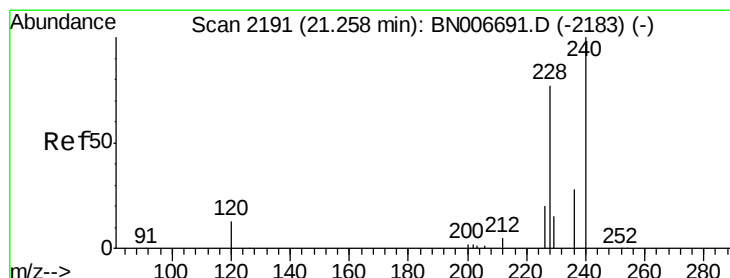
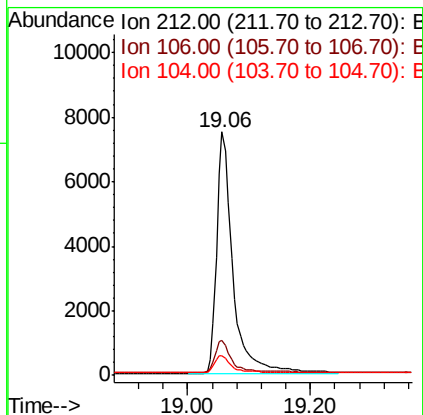
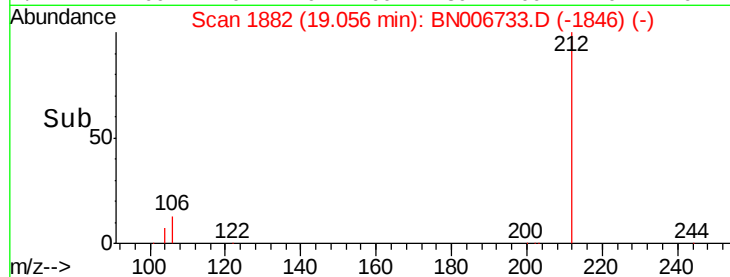
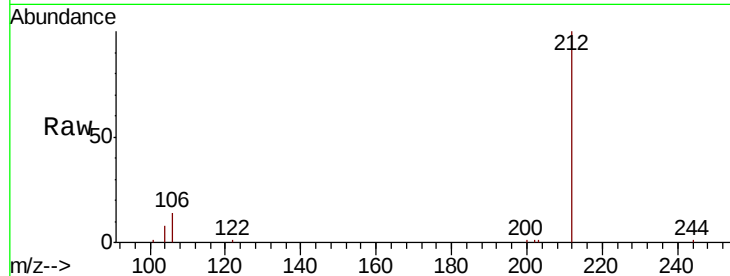
Tgt Ion:212 Resp: 13969

Ion Ratio Lower Upper

212 100

106 13.3 11.0 16.6

104 7.3 6.1 9.1



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.24 min Scan# 2189

Delta R.T. -0.02 min

Lab File: BN006733.D

Acq: 06 Jul 2019 01:48

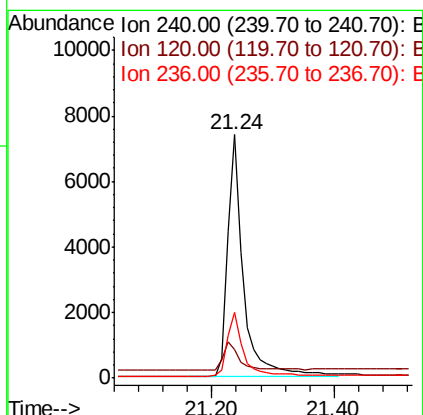
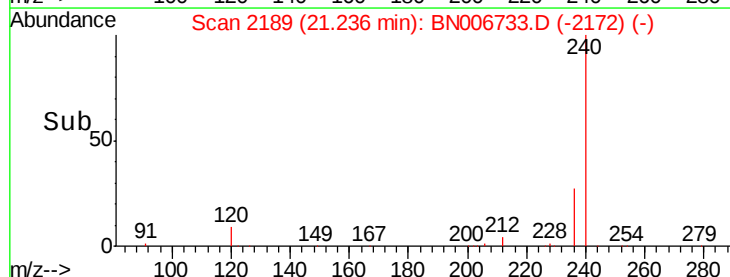
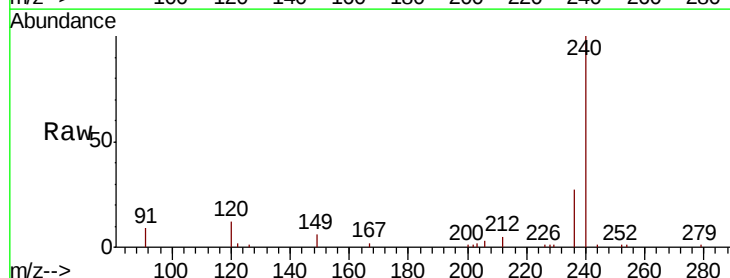
Tgt Ion:240 Resp: 13282

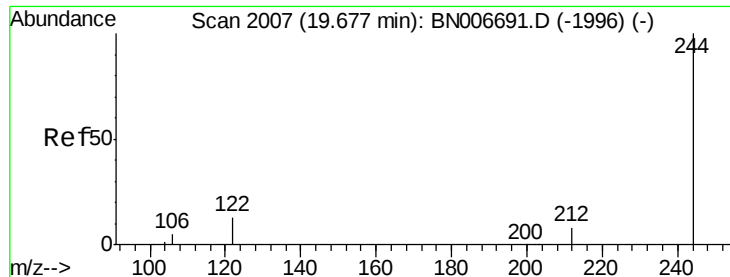
Ion Ratio Lower Upper

240 100

120 11.6 12.9 19.3#

236 27.2 23.2 34.8





#29

Terphenyl-d14

Concen: 0.327 ng

RT: 19.66 min Scan# 2003

Delta R.T. -0.02 min

Lab File: BN006733.D

Acq: 06 Jul 2019 01:48

Instrument :

BNA_N

ClientSampleId :

PB120991BL

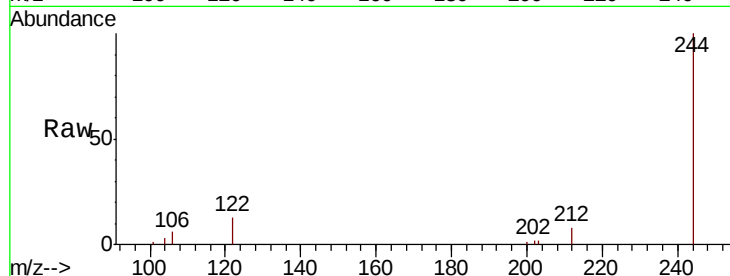
Tgt Ion:244 Resp: 9999

Ion Ratio Lower Upper

244 100

212 8.4 7.0 10.4

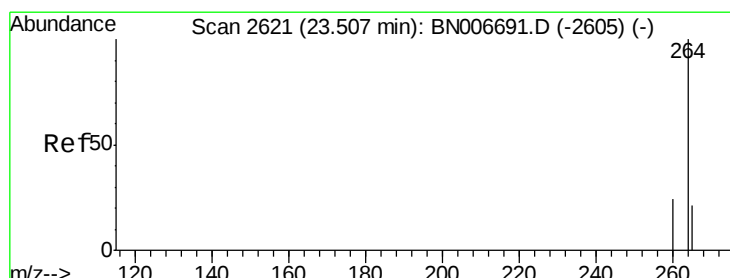
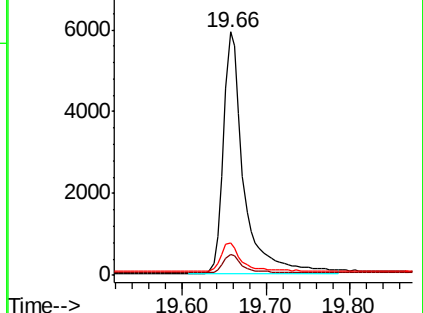
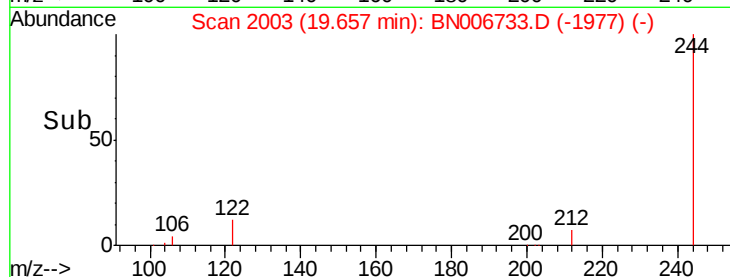
122 13.4 11.5 17.3



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: 23.46 min Scan# 2606

Delta R.T. -0.05 min

Lab File: BN006733.D

Acq: 06 Jul 2019 01:48

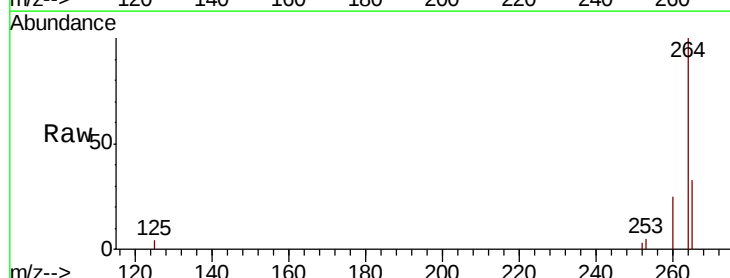
Tgt Ion:264 Resp: 16344

Ion Ratio Lower Upper

264 100

260 25.2 20.2 30.2

265 32.9 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

