

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 06:24:53 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

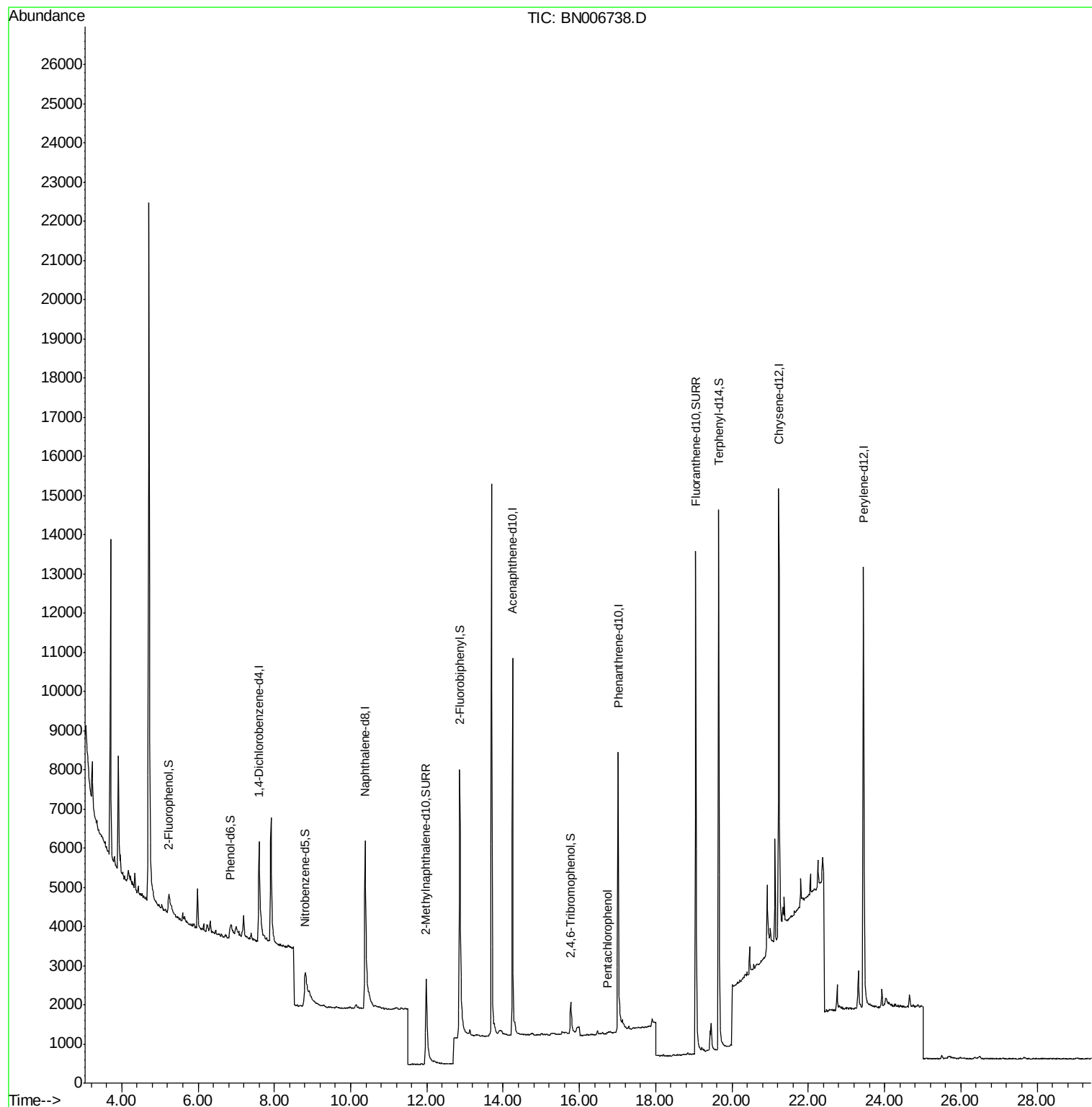
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	2499	0.40	ng	-0.02
7) Naphthalene-d8	10.38	136	9639	0.40	ng	-0.01
13) Acenaphthene-d10	14.24	164	6038	0.40	ng	-0.02
19) Phenanthrene-d10	17.01	188	12962	0.40	ng	-0.01
27) Chrysene-d12	21.23	240	13746	0.40	ng	-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						
12) 2-Methylnaphthalene	12.07	142	26	Below Cal	#	35
22) Pentachlorophenol	16.73	266	27	0.133 ng	#	82

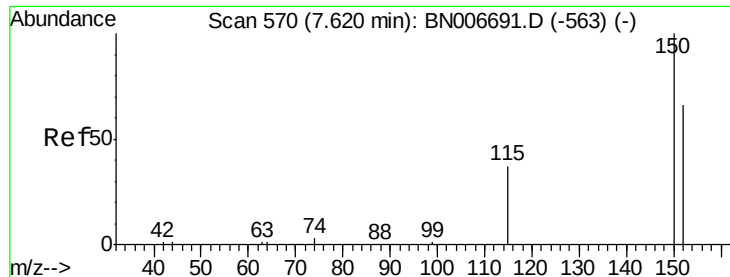
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#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

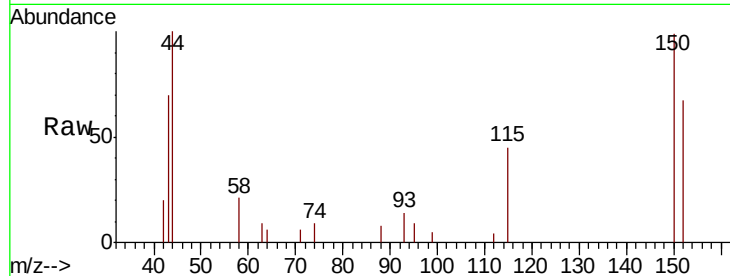
Tgt Ion:152 Resp: 2499

Ion Ratio Lower Upper

152 100

150 147.1 120.6 181.0

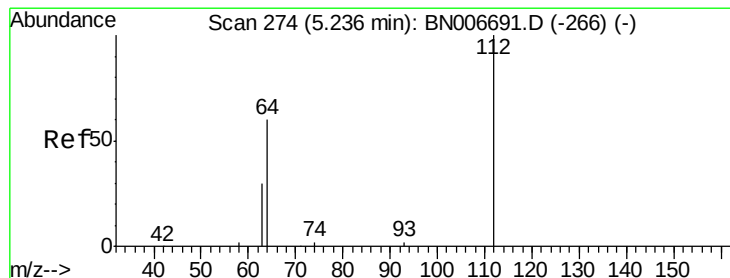
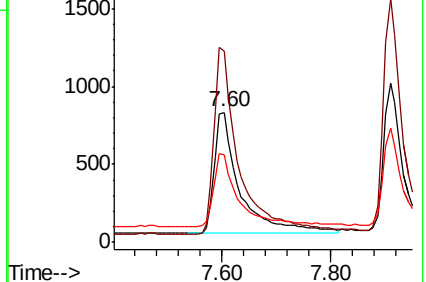
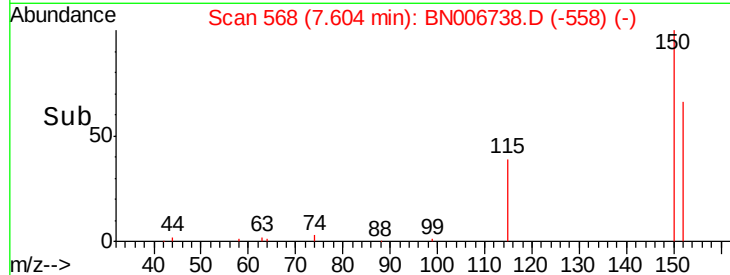
115 66.9 51.0 76.6



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

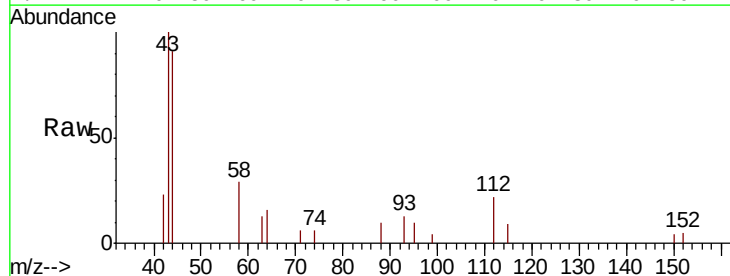
Tgt Ion:112 Resp: 1237

Ion Ratio Lower Upper

112 100

64 65.8 49.8 74.6

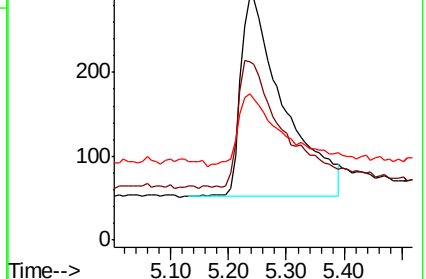
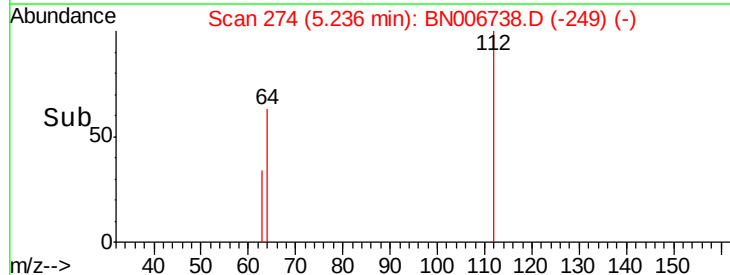
63 34.9 25.8 38.6

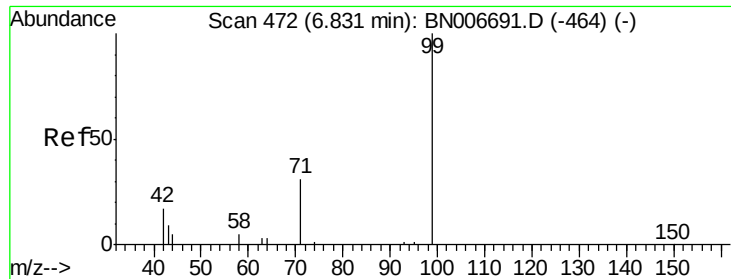


Abundance Ion 112.00 (111.70 to 112.70): E

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

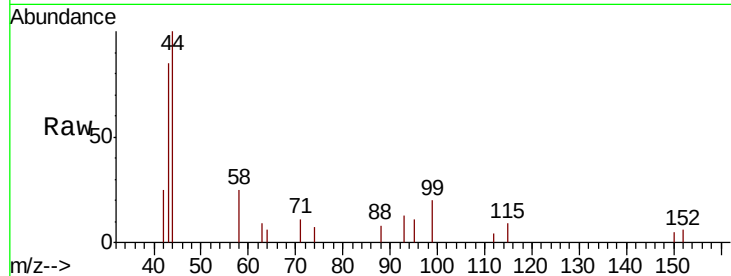
Tgt Ion: 99 Resp: 981

Ion Ratio Lower Upper

99 100

42 0.0 16.6 25.0#

71 31.8 26.0 39.0

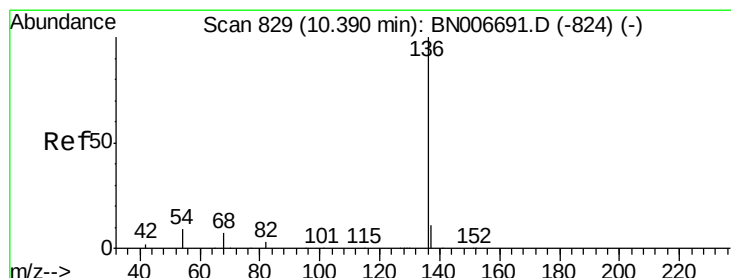
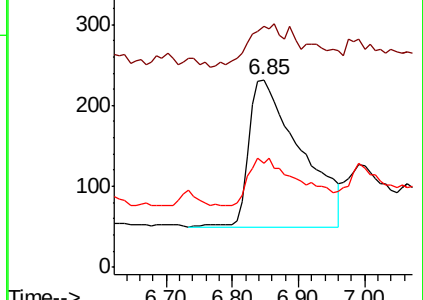
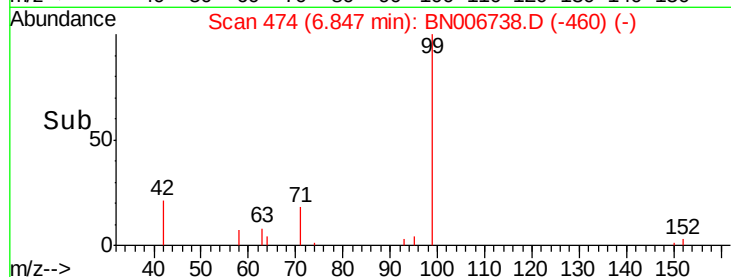


Abundance Ion 99.00 (98.70 to 99.70): BN006691.D (-464) (-)

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

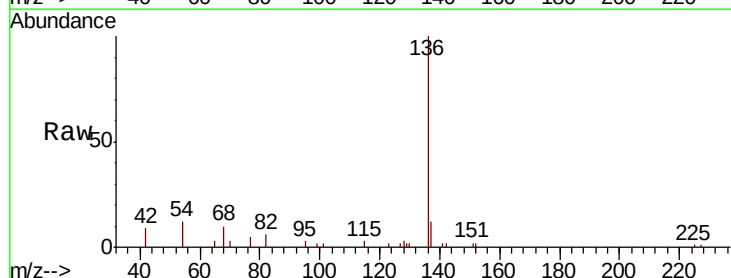
Ion Ratio Lower Upper

136 100

137 12.4 9.3 13.9

54 12.1 8.4 12.6

68 9.8 6.8 10.2



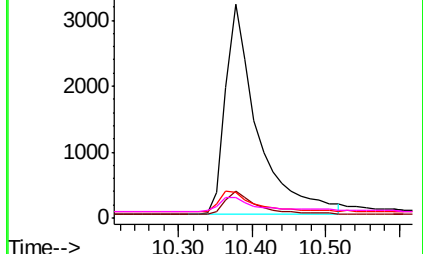
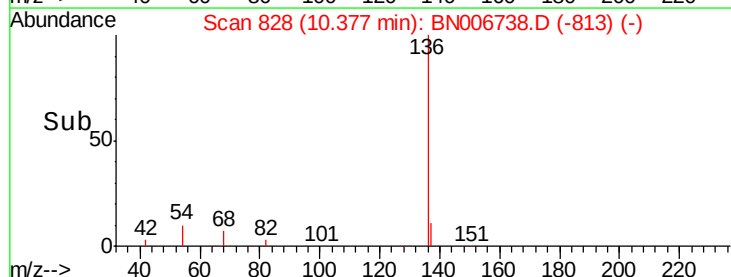
Abundance Ion 136.00 (135.70 to 136.70): BN006691.D (-824) (-)

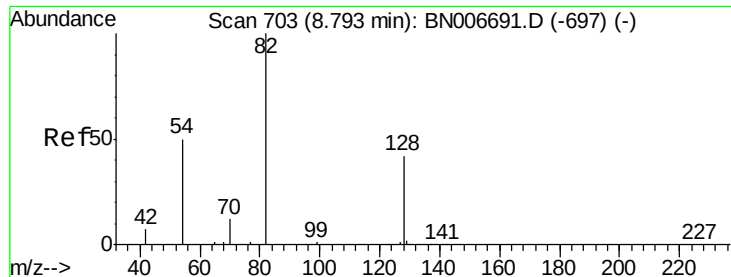
Ion 137.00 (136.70 to 137.70): BN006691.D (-824) (-)

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

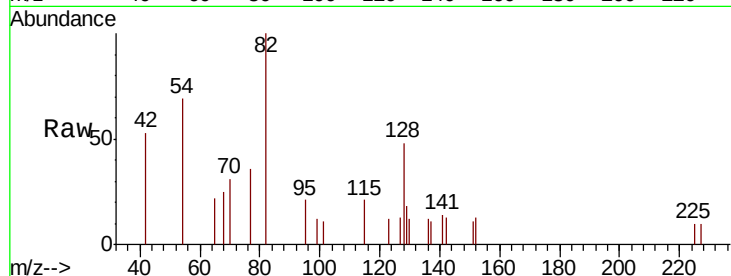
Tgt Ion: 82 Resp: 2324

Ion Ratio Lower Upper

82 100

128 48.4 36.1 54.1

54 68.9 44.5 66.7#

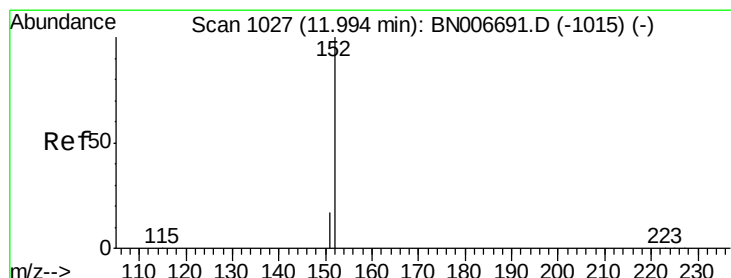
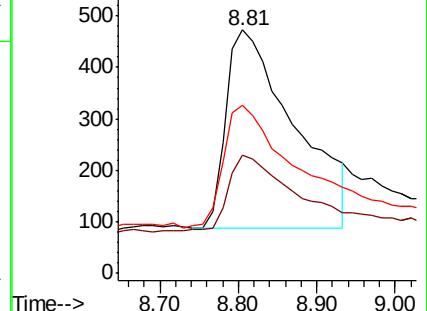
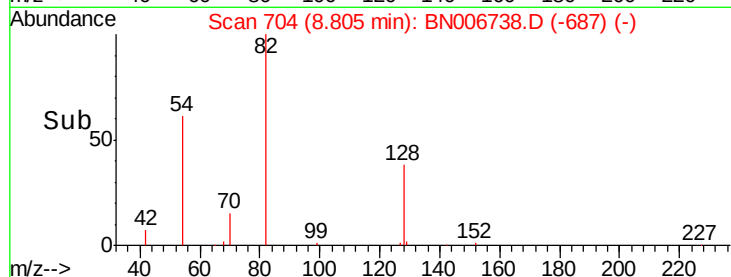


Abundance Ion 82.00 (81.70 to 82.70): BN006691.D (-697) (-)

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

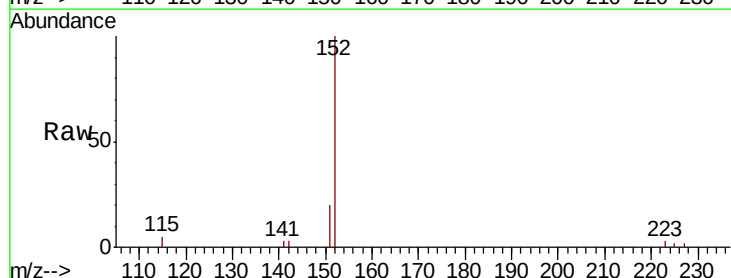
Acq: 06 Jul 2019 04:43

Tgt Ion: 152 Resp: 5888

Ion Ratio Lower Upper

152 100

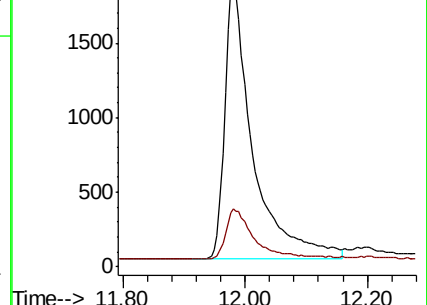
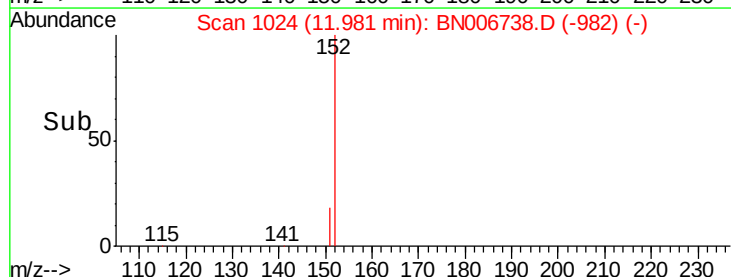
151 18.7 14.9 22.3

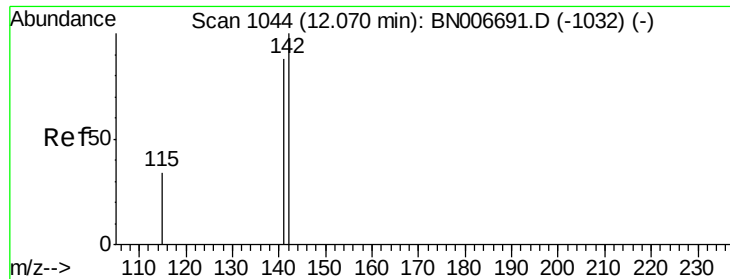


Abundance Ion 152.00 (151.70 to 152.70): BN006691.D (-1015) (-)

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

Time-->





#12

2-Methylnaphthalene

Concen: Below Cal

RT: 12.07 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BN006738.D

Acq: 06 Jul 2019 04:43

Instrument :

BNA_N

ClientSampled :

DUP

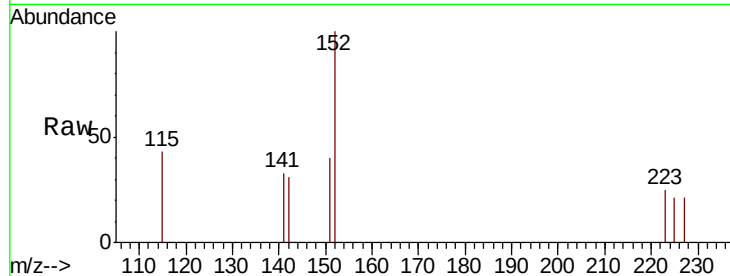
Tgt Ion:142 Resp: 26

Ion Ratio Lower Upper

142 100

141 105.8 70.3 105.5#

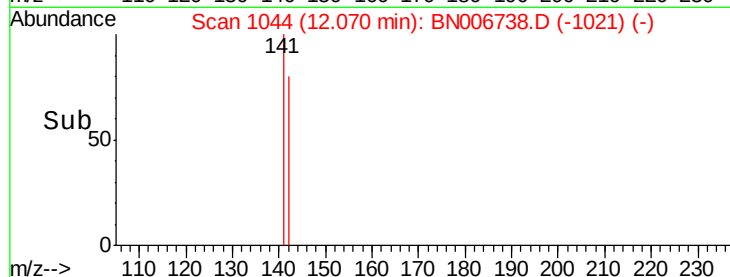
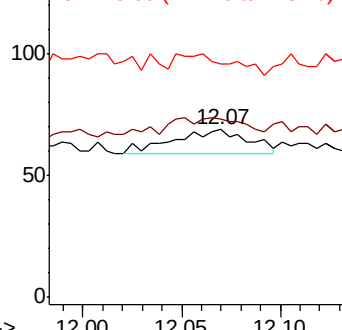
115 139.1 28.9 43.3#



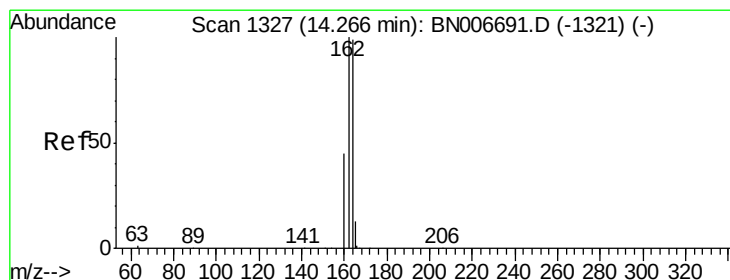
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



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

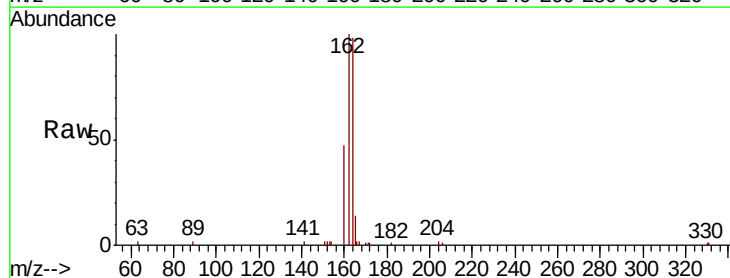
Tgt Ion:164 Resp: 6038

Ion Ratio Lower Upper

164 100

162 101.6 80.8 121.2

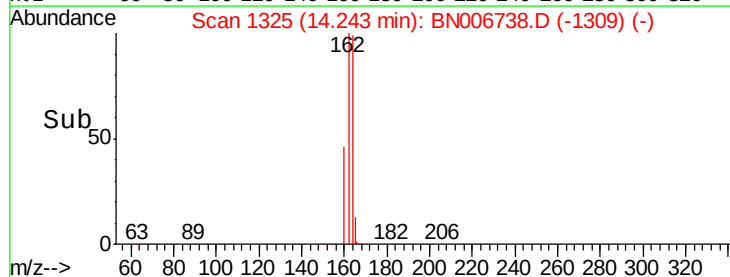
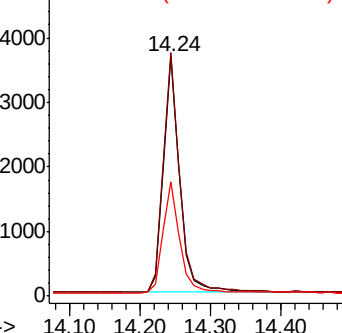
160 47.7 37.0 55.6



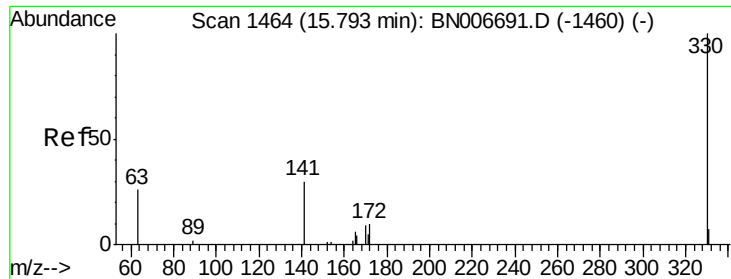
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



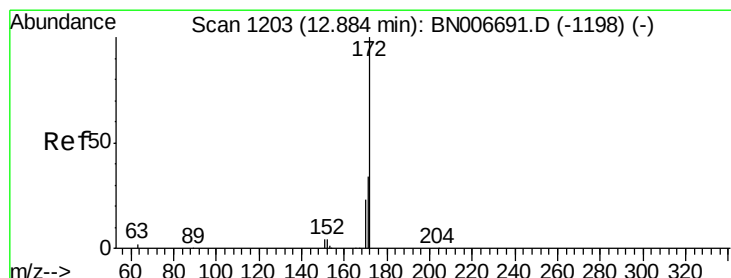
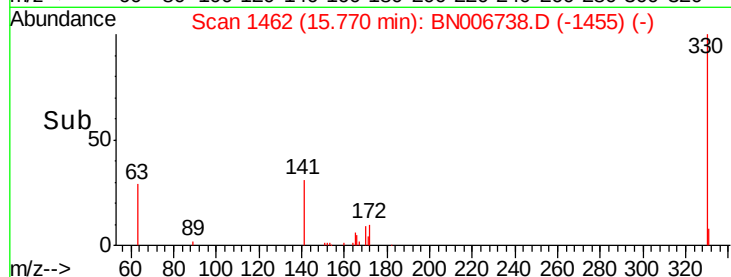
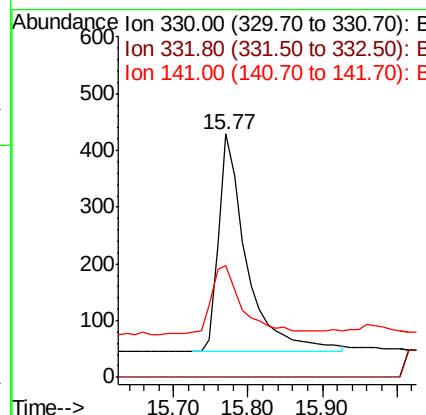
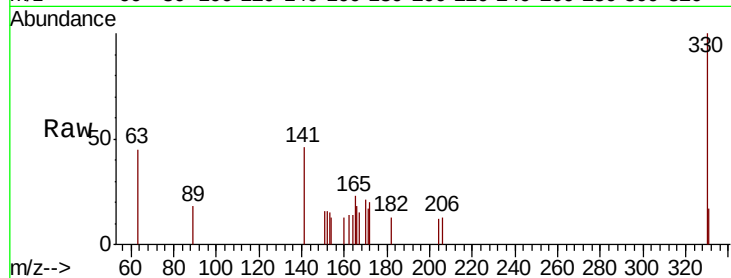
Time-->



#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

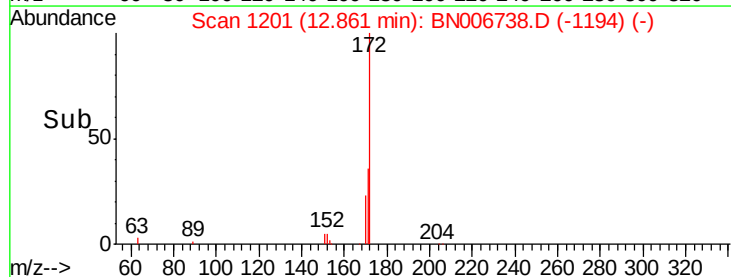
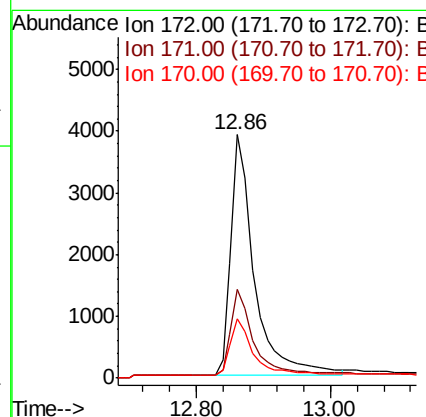
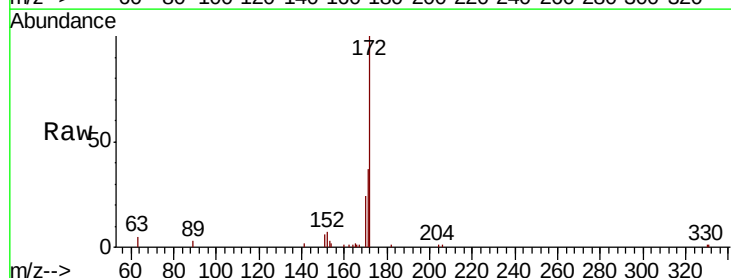
Instrument :
 BNA_N
 ClientSampleId :
 DUP

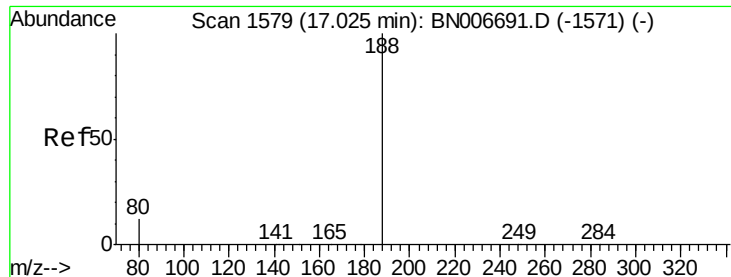
Tgt Ion: 330 Resp: 1010
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 33.4 24.8 37.2



#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

Tgt 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

Instrument :

BNA_N

ClientSampleId :

DUP

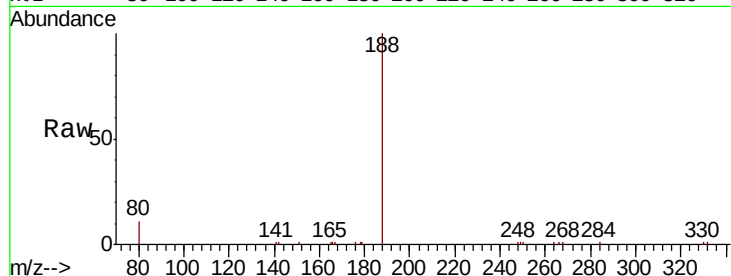
Tgt Ion:188 Resp: 12962

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

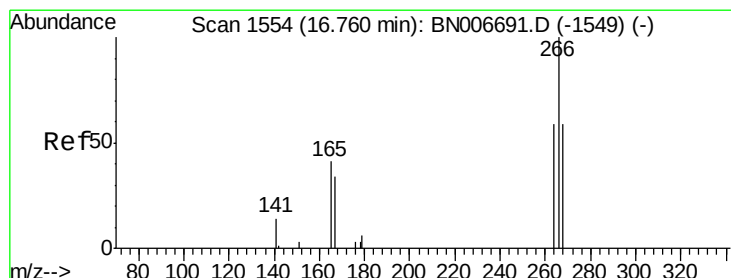
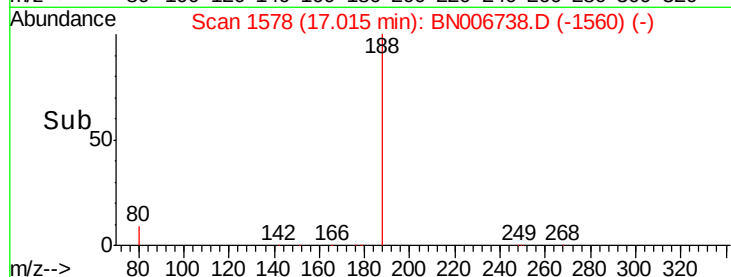
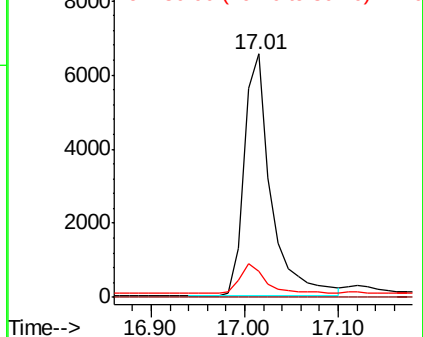
80 10.5 10.3 15.5



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: 0.133 ng

RT: 16.73 min Scan# 1551

Delta R.T. -0.03 min

Lab File: BN006738.D

Acq: 06 Jul 2019 04:43

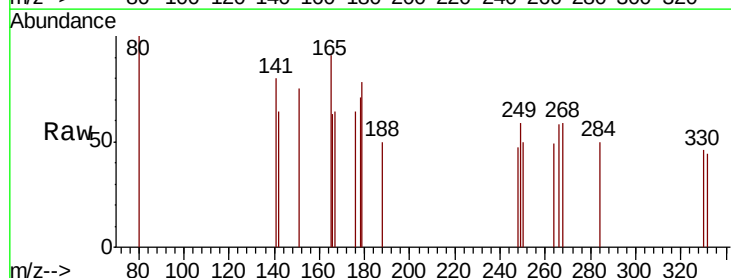
Tgt Ion:266 Resp: 27

Ion Ratio Lower Upper

266 100

264 84.7 57.6 86.4

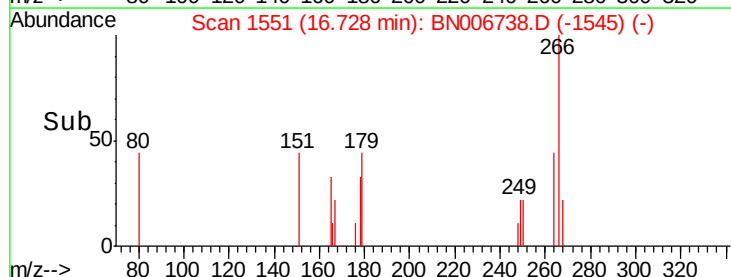
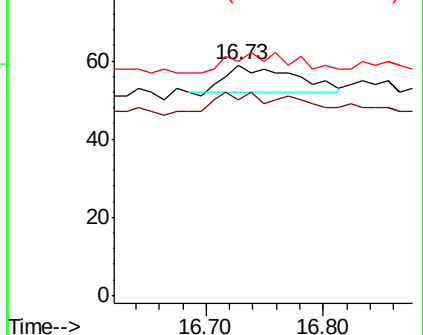
268 101.7 66.6 99.8#

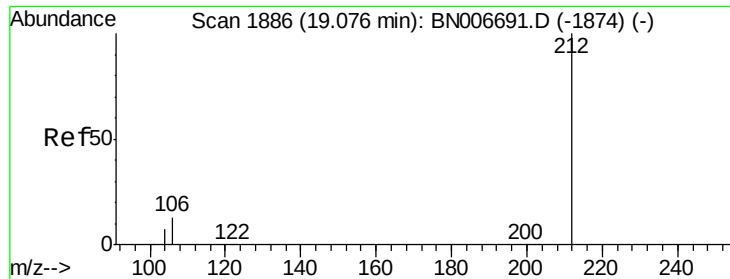


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

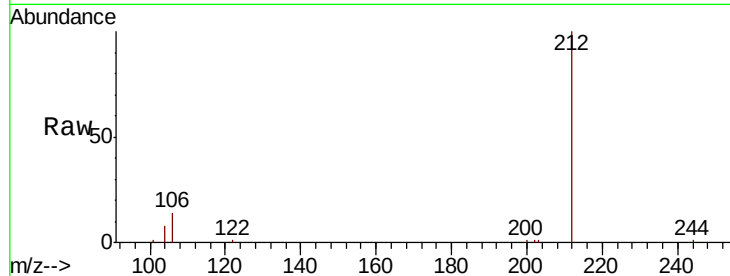




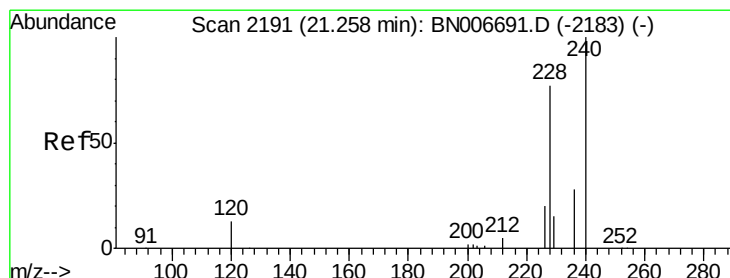
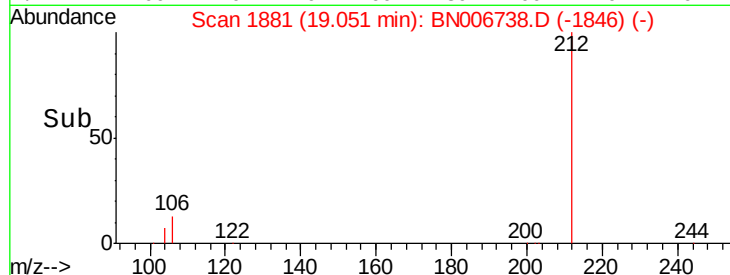
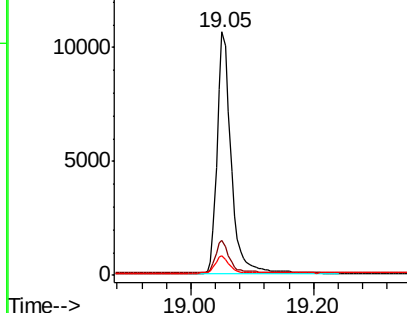
#25
Fluoranthene-d10
Concen: 0.464 ng
RT: 19.05 min Scan# 1881
Delta R.T. -0.02 min
Lab File: BN006738.D
Acq: 06 Jul 2019 04:43

Instrument :
BNA_N
ClientSampleId :
DUP

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

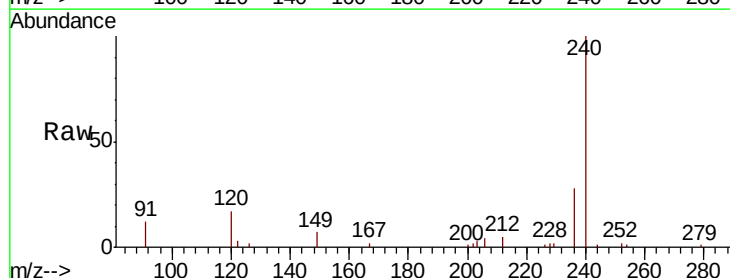


Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E

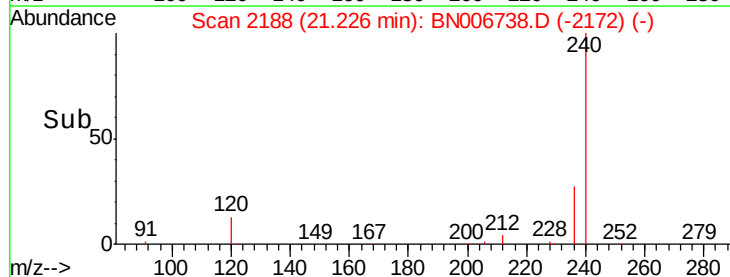
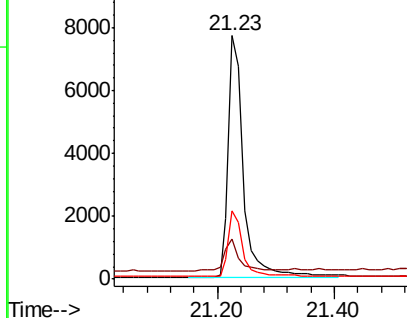


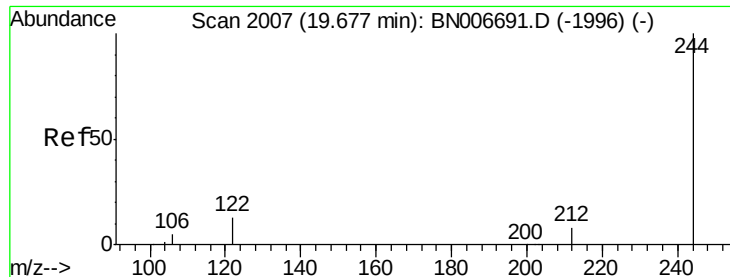
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.23 min Scan# 2188
Delta R.T. -0.03 min
Lab File: BN006738.D
Acq: 06 Jul 2019 04:43

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

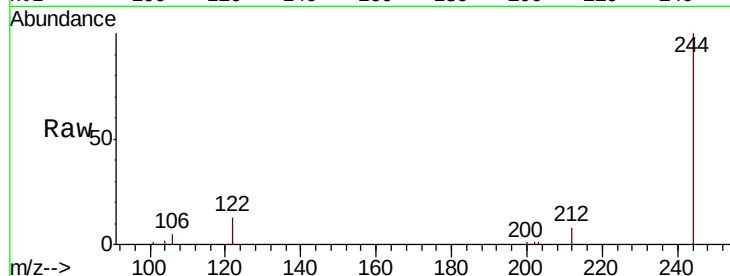
Tgt Ion:244 Resp: 16363

Ion Ratio Lower Upper

244 100

212 7.7 7.0 10.4

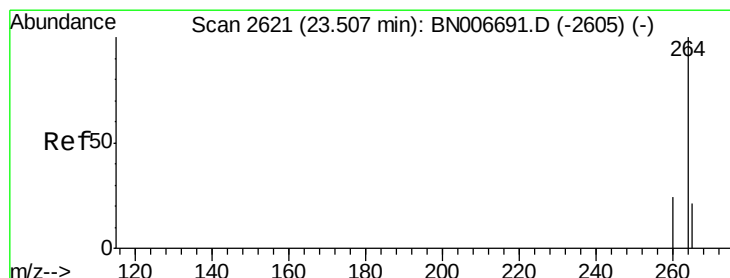
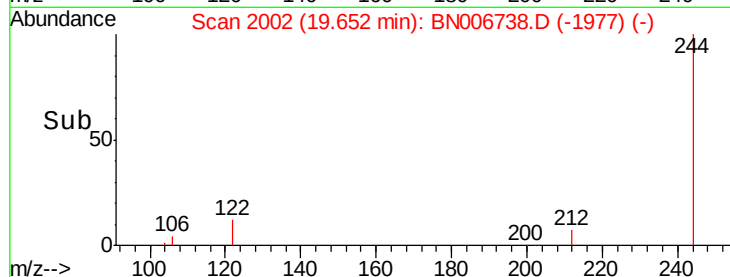
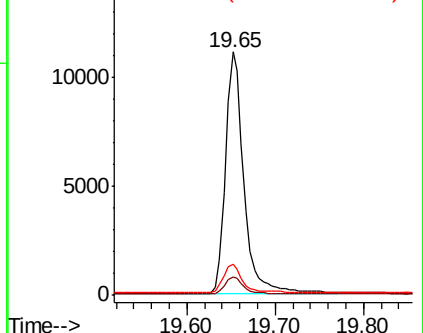
122 12.8 11.5 17.3



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

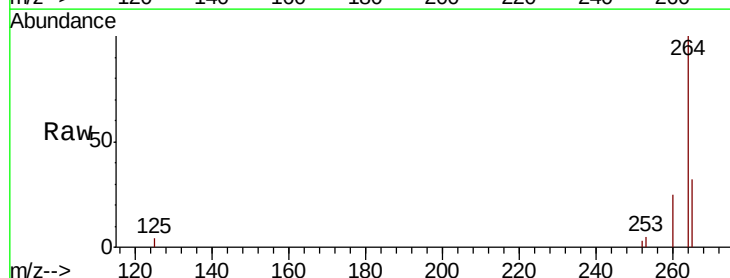
Tgt Ion:264 Resp: 15542

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

