

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070819\
 Data File : BN006757.D
 Acq On : 08 Jul 2019 14:20
 Operator : HP/JU
 Sample : PB121132BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB121132BL

Quant Time: Jul 09 03:10:20 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

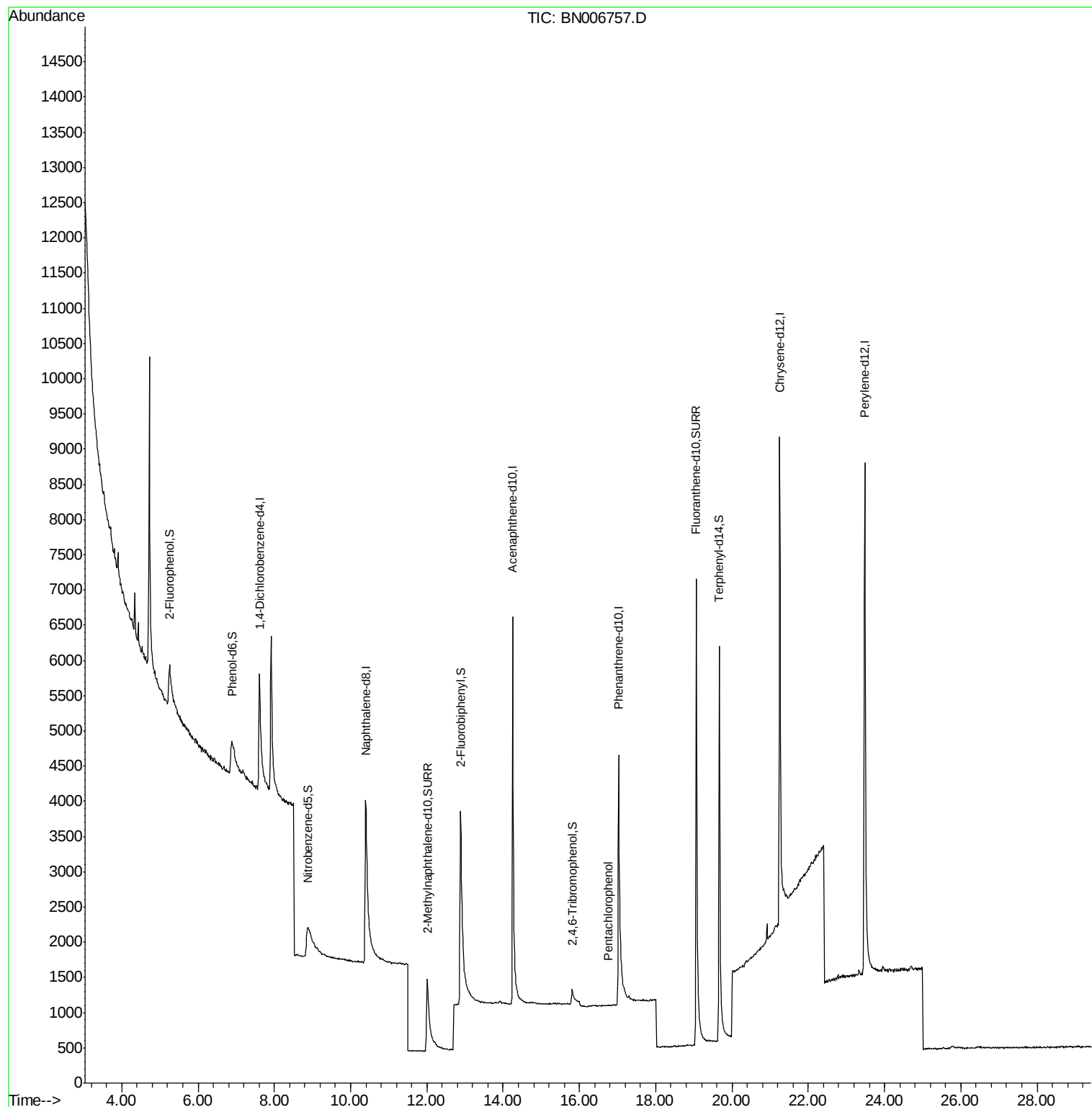
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	2349	0.40	ng	0.00
7) Naphthalene-d8	10.39	136	8028	0.40	ng	0.00
13) Acenaphthene-d10	14.25	164	5075	0.40	ng	-0.01
19) Phenanthrene-d10	17.03	188	10958	0.40	ng	0.00
27) Chrysene-d12	21.25	240	10628	0.40	ng	-0.01
34) Perylene-d12	23.48	264	12961	0.40	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	1729	0.27	ng	0.02
5) Phenol-d6	6.89	99	1747	0.22	ng	0.06
8) Nitrobenzene-d5	8.88	82	1219	0.20	ng	0.09
11) 2-Methylnaphthalene-d10	12.01	152	4529	0.38	ng	0.02
14) 2,4,6-Tribromophenol	15.81	330	456	0.18	ng	0.02
15) 2-Fluorobiphenyl	12.88	172	6682	0.34	ng	0.00
25) Fluoranthene-d10	19.07	212	12681	0.40	ng	0.00
29) Terphenyl-d14	19.67	244	9497	0.39	ng	0.00
Target Compounds						
12) 2-Methylnaphthalene	12.08	142	4	Below Cal	#	31
22) Pentachlorophenol	16.76	266	3	0.113 ng	#	80

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.61 min Scan# 569

Delta R.T. -0.01 min

Lab File: BN006757.D

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BNA_N

ClientSampleId :

PB121132BL

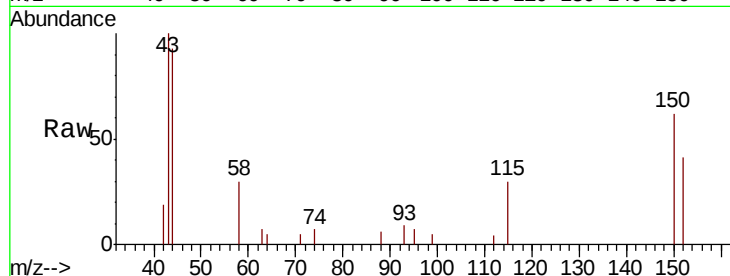
Tgt Ion:152 Resp: 2349

Ion Ratio Lower Upper

152 100

150 149.3 120.6 181.0

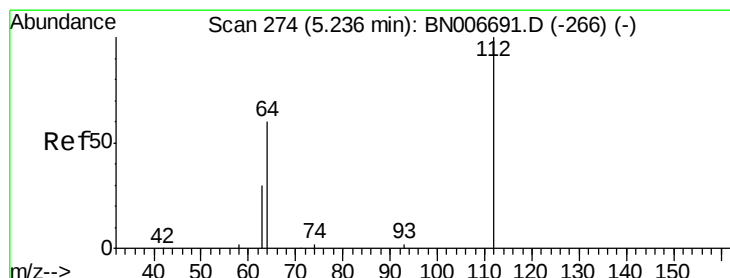
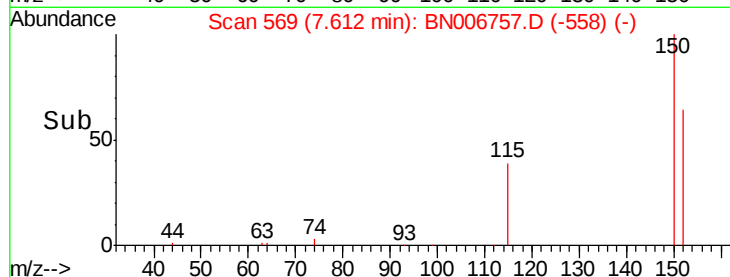
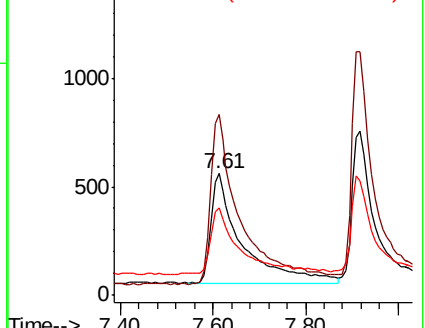
115 72.0 51.0 76.6



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: 0.271 ng

RT: 5.25 min Scan# 276

Delta R.T. 0.02 min

Lab File: BN006757.D

Acq: 08 Jul 2019 14:20

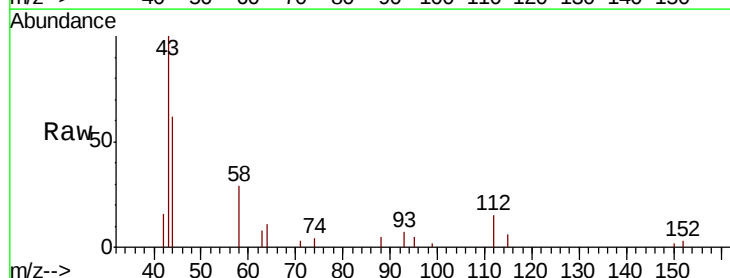
Tgt Ion:112 Resp: 1729

Ion Ratio Lower Upper

112 100

64 65.2 49.8 74.6

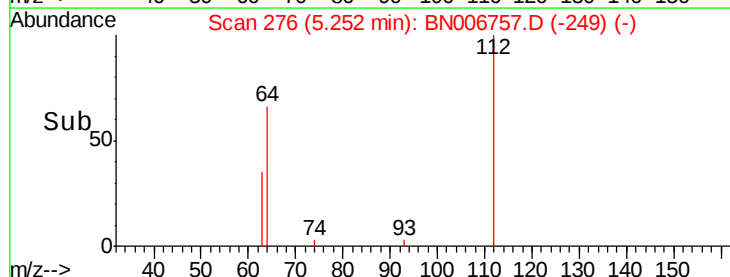
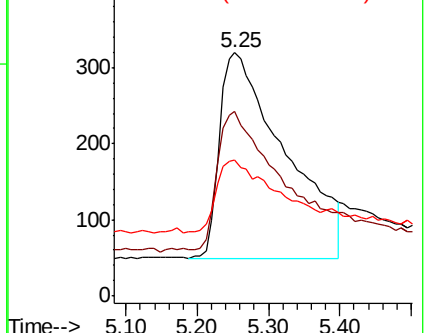
63 32.7 25.8 38.6

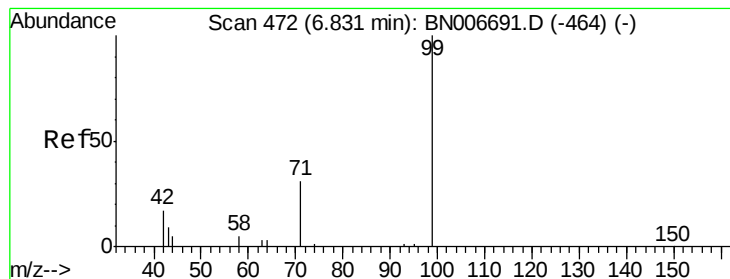


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.216 ng

RT: 6.89 min Scan# 479

Delta R.T. 0.06 min

Lab File: BN006757.D

Acq: 08 Jul 2019 14:20

Instrument :

BNA_N

ClientSampleId :

PB121132BL

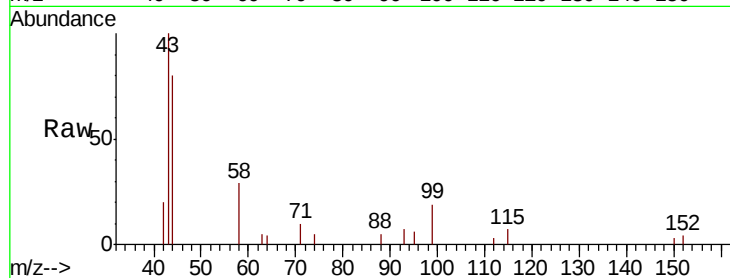
Tgt Ion: 99 Resp: 1747

Ion Ratio Lower Upper

99 100

42 20.5 16.6 25.0

71 35.3 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) (-)

6.89

300

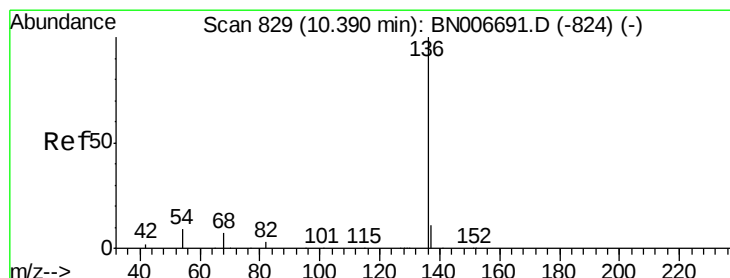
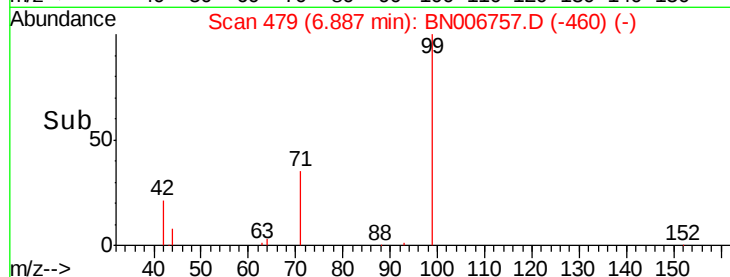
200

100

0

6.80 6.90 7.00

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.39 min Scan# 829

Delta R.T. 0.00 min

Lab File: BN006757.D

Acq: 08 Jul 2019 14:20

Tgt Ion: 136 Resp: 8028

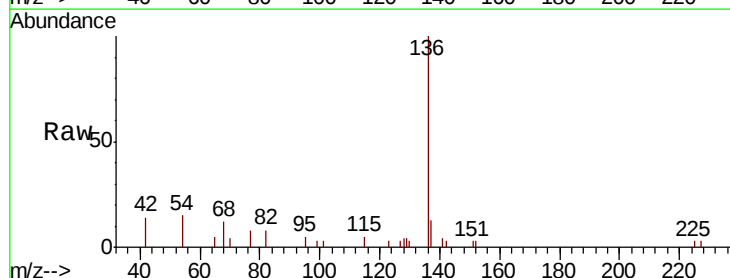
Ion Ratio Lower Upper

136 100

137 13.3 9.3 13.9

54 14.6 8.4 12.6#

68 12.1 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) (-)

10.39

2500

2000

1500

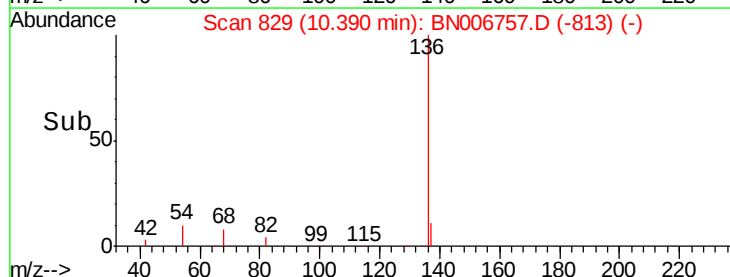
1000

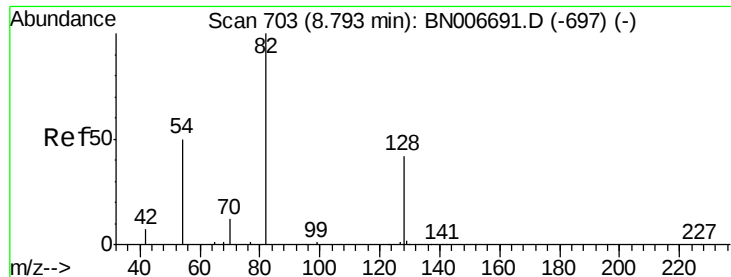
500

0

10.20 10.40 10.60

Time-->





#8

Nitrobenzene-d5

Concen: 0.198 ng

RT: 8.88 min Scan# 710

Delta R.T. 0.09 min

Lab File: BN006757.D

Acq: 08 Jul 2019 14:20

Instrument :

BNA_N

ClientSampleId :

PB121132BL

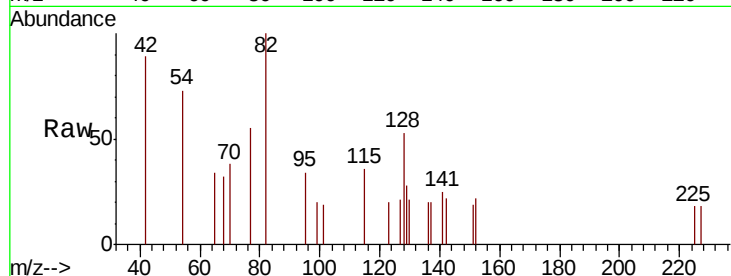
Tgt Ion: 82 Resp: 1219

Ion Ratio Lower Upper

82 100

128 53.4 36.1 54.1

54 73.5 44.5 66.7#

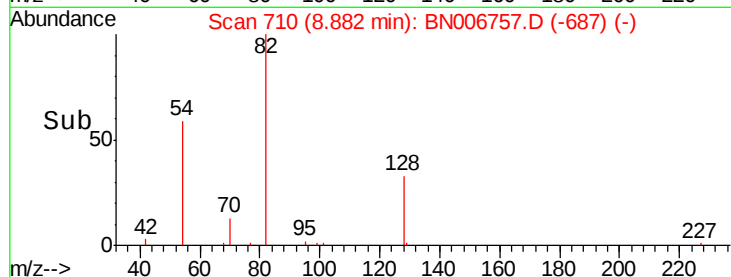


Abundance Ion 82.00 (81.70 to 82.70): BN006691.D (-697) (-)

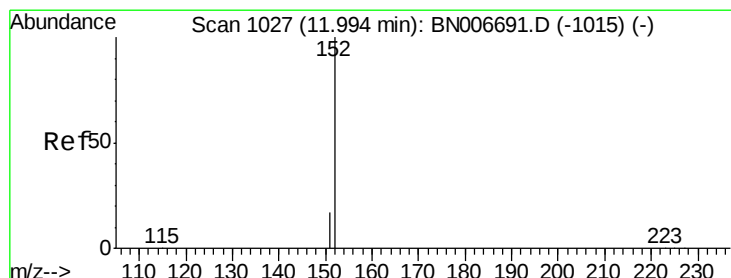
Ion 128.00 (127.70 to 128.70): BN006691.D (-697) (-)

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

Time-->



Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.375 ng

RT: 12.01 min Scan# 1031

Delta R.T. 0.02 min

Lab File: BN006757.D

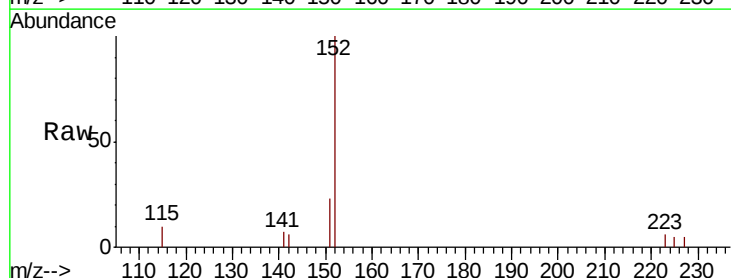
Acq: 08 Jul 2019 14:20

Tgt Ion: 152 Resp: 4529

Ion Ratio Lower Upper

152 100

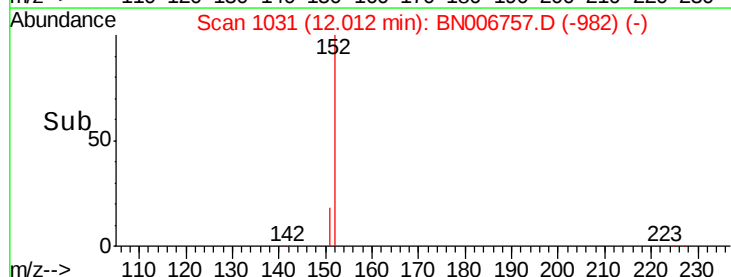
151 18.9 14.9 22.3



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

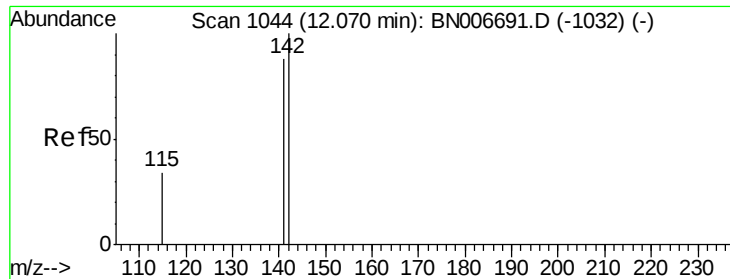
Ion 151.00 (150.70 to 151.70): BN006691.D (-1015) (-)

Time-->



Time-->

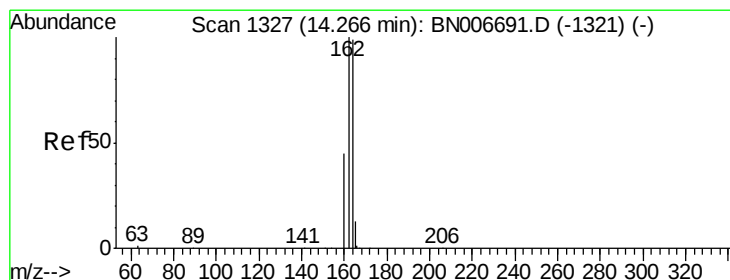
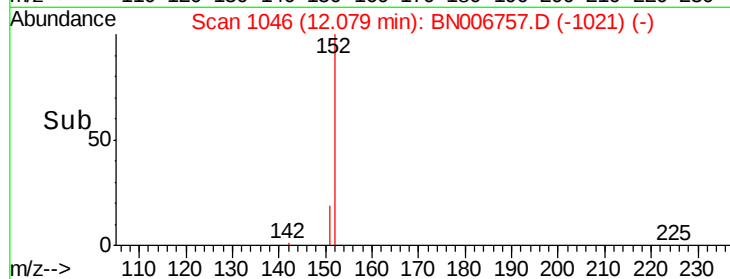
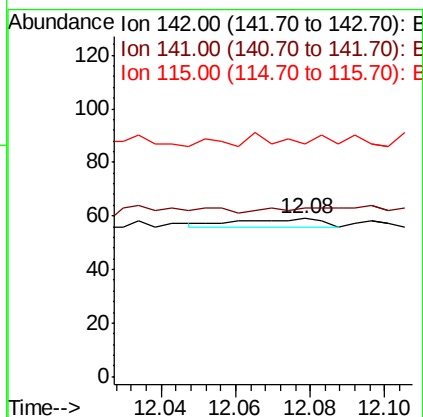
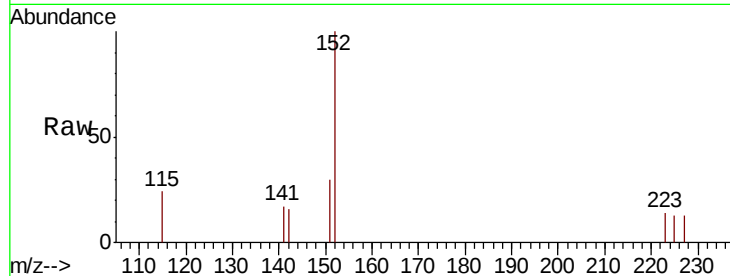
Time-->



#12
2-Methylnaphthalene
Concen: Below Cal
RT: 12.08 min Scan# 1046
Delta R.T. 0.01 min
Lab File: BN006757.D
Acq: 08 Jul 2019 14:20

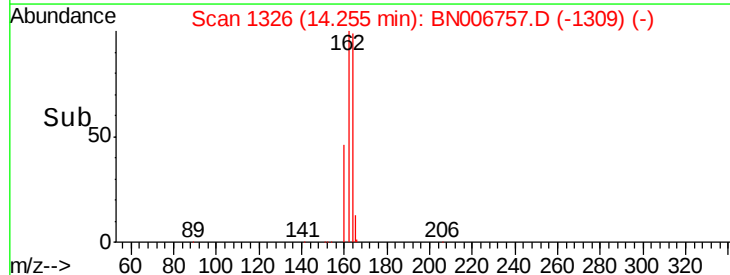
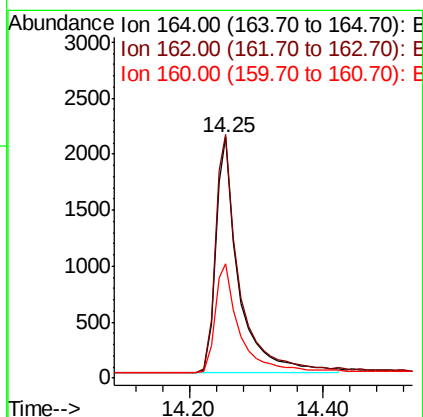
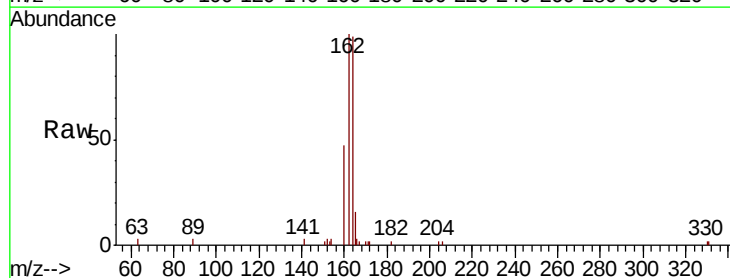
Instrument :
BNA_N
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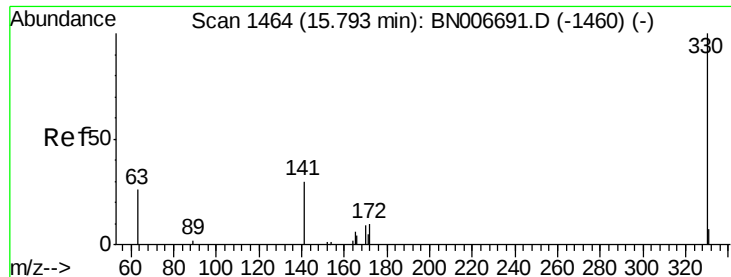
Tgt Ion:142 Resp: 4
Ion Ratio Lower Upper
142 100
141 106.8 70.3 105.5#
115 147.5 28.9 43.3#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.25 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BN006757.D
Acq: 08 Jul 2019 14:20

Tgt Ion:164 Resp: 5075
Ion Ratio Lower Upper
164 100
162 101.1 80.8 121.2
160 47.5 37.0 55.6

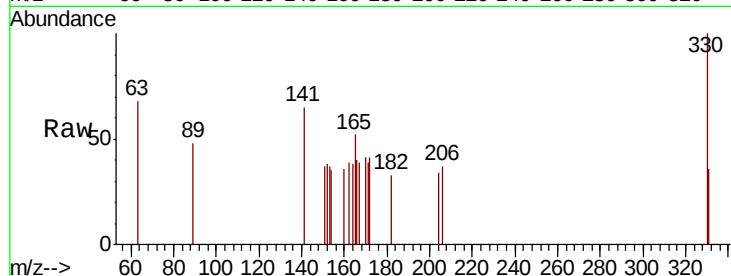




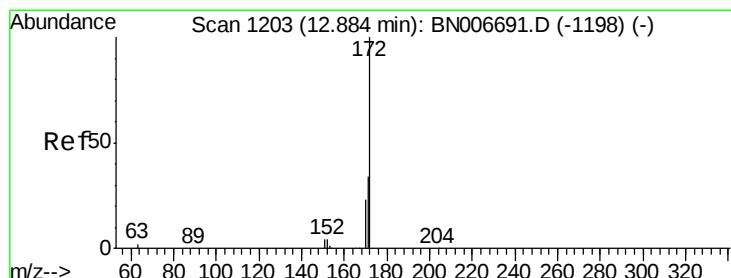
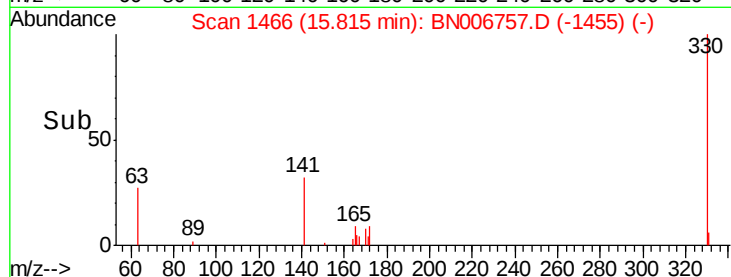
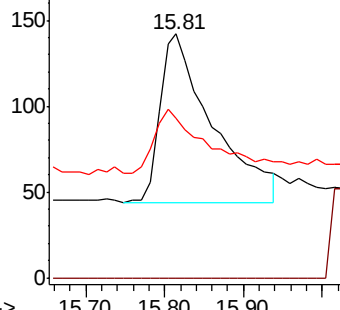
#14
2,4,6-Tribromophenol
Concen: 0.183 ng
RT: 15.81 min Scan# 1466
Delta R.T. 0.02 min
Lab File: BN006757.D
Acq: 08 Jul 2019 14:20

Instrument :
BNA_N
ClientSampleId :
PB121132BL

Tgt Ion:330 Resp: 456
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 38.8 24.8 37.2#

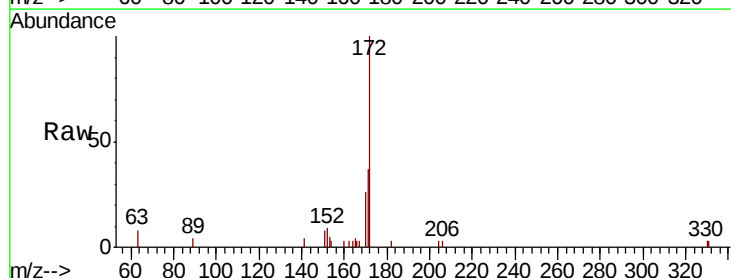


Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

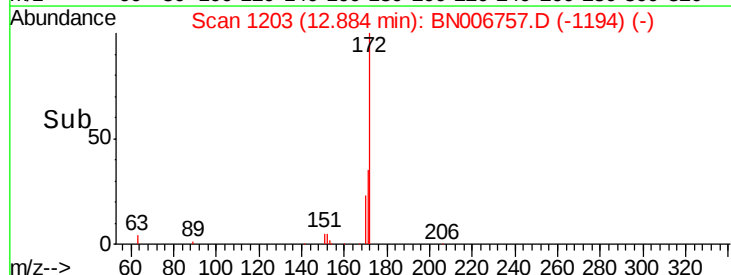
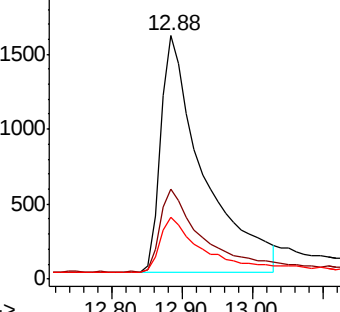


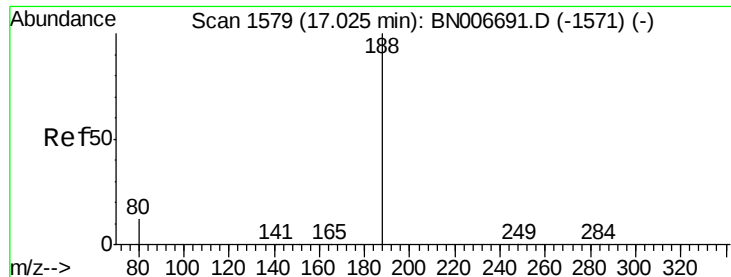
#15
2-Fluorobiphenyl
Concen: 0.337 ng
RT: 12.88 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BN006757.D
Acq: 08 Jul 2019 14:20

Tgt Ion:172 Resp: 6682
Ion Ratio Lower Upper
172 100
171 36.9 27.8 41.6
170 25.6 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: 17.03 min Scan# 1579

Delta R.T. 0.00 min

Lab File: BN006757.D

Acq: 08 Jul 2019 14:20

Instrument :

BNA_N

ClientSampleId :

PB121132BL

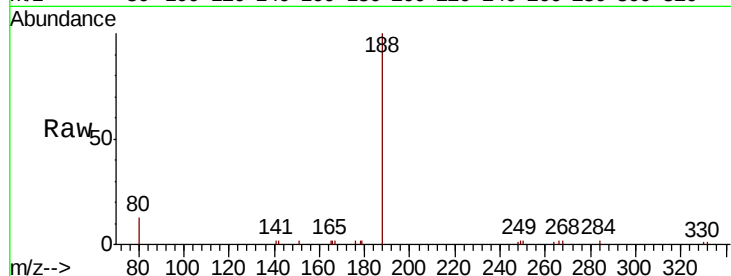
Tgt Ion:188 Resp: 10958

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

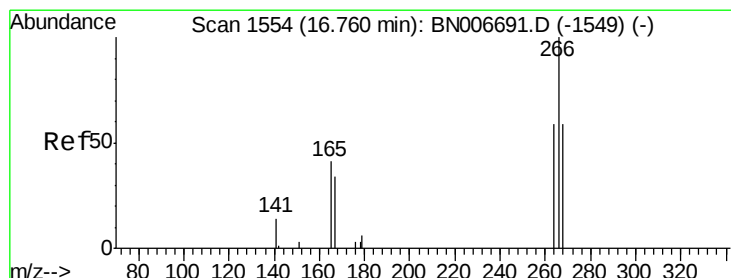
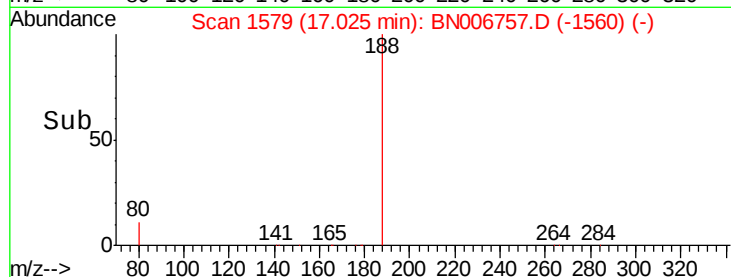
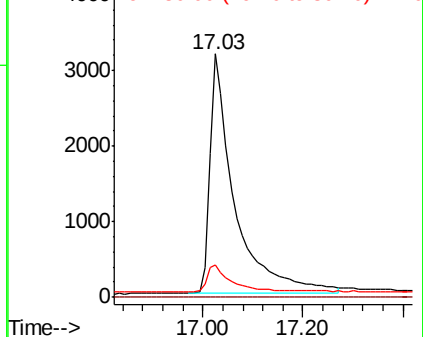
80 13.4 10.3 15.5



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: 16.76 min Scan# 1554

Delta R.T. 0.00 min

Lab File: BN006757.D

Acq: 08 Jul 2019 14:20

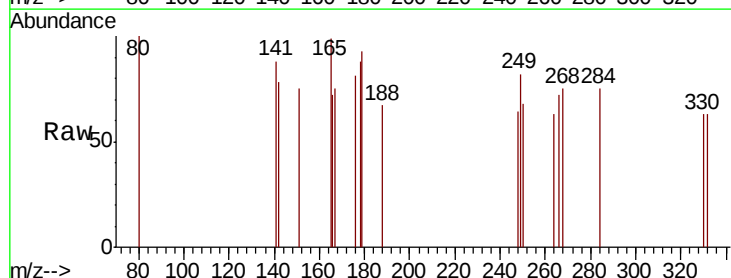
Tgt Ion:266 Resp: 3

Ion Ratio Lower Upper

266 100

264 86.5 57.6 86.4#

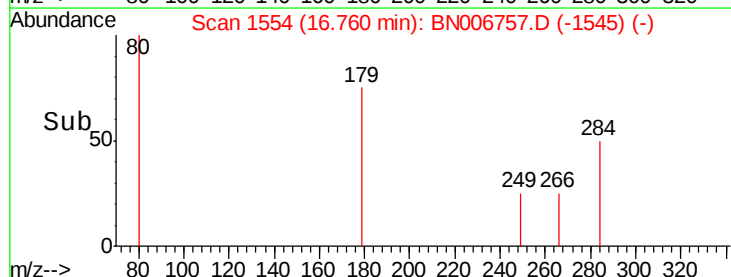
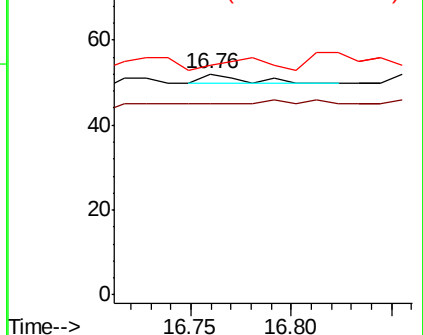
268 103.8 66.6 99.8#

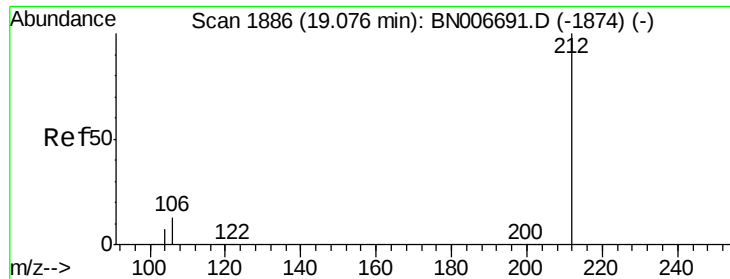


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

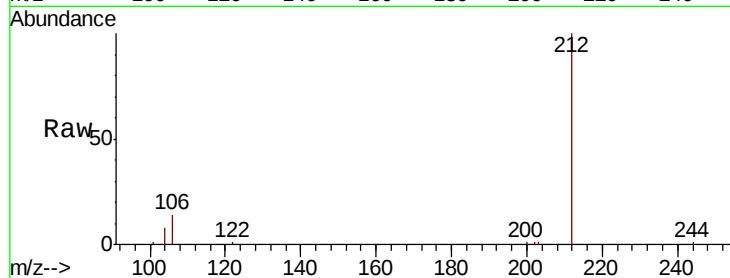




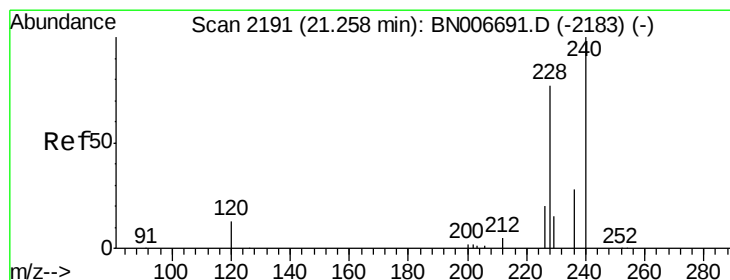
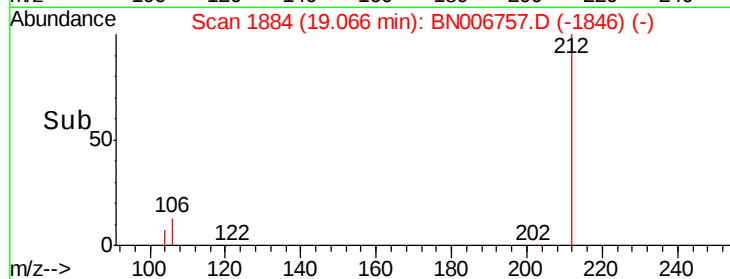
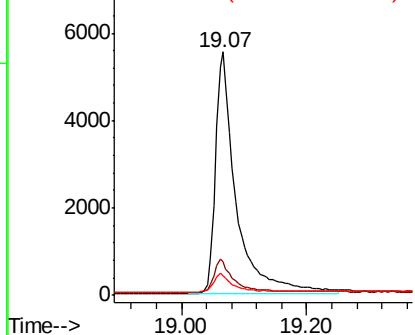
#25
 Fluoranthene-d10
 Concen: 0.404 ng
 RT: 19.07 min Scan# 1884
 Delta R.T. -0.01 min
 Lab File: BN006757.D
 Acq: 08 Jul 2019 14:20

Instrument :
 BNA_N
 ClientSampleId :
 PB121132BL

Tgt Ion:212 Resp: 12681
 Ion Ratio Lower Upper
 212 100
 106 12.8 11.0 16.6
 104 7.3 6.1 9.1

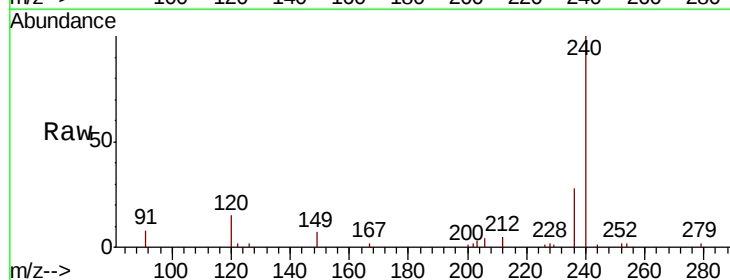


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

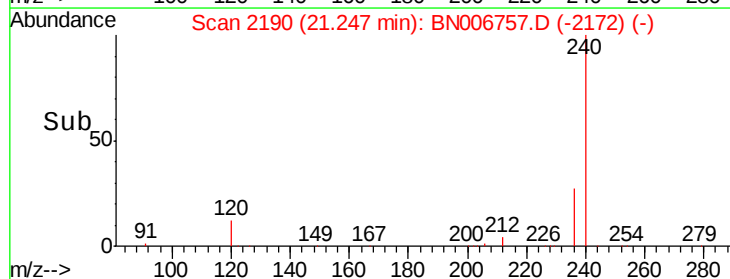
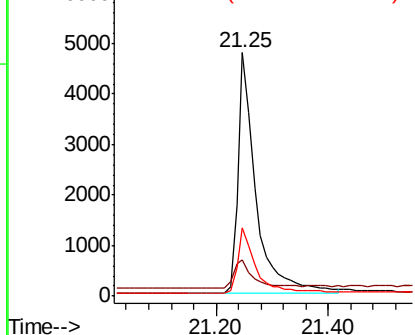


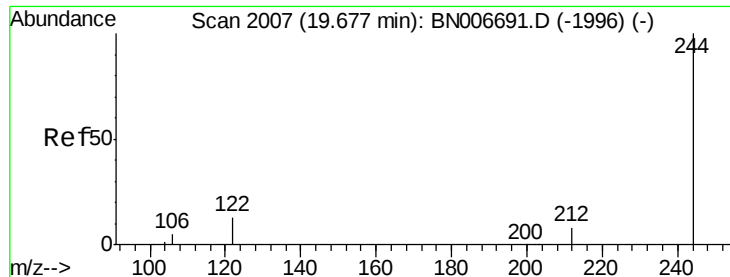
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.25 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BN006757.D
 Acq: 08 Jul 2019 14:20

Tgt Ion:240 Resp: 10628
 Ion Ratio Lower Upper
 240 100
 120 14.7 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: 0.388 ng

RT: 19.67 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BN006757.D

Acq: 08 Jul 2019 14:20

Instrument :

BNA_N

ClientSampleId :

PB121132BL

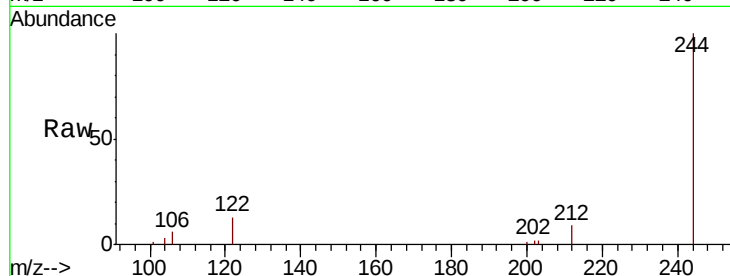
Tgt Ion:244 Resp: 9497

Ion Ratio Lower Upper

244 100

212 8.6 7.0 10.4

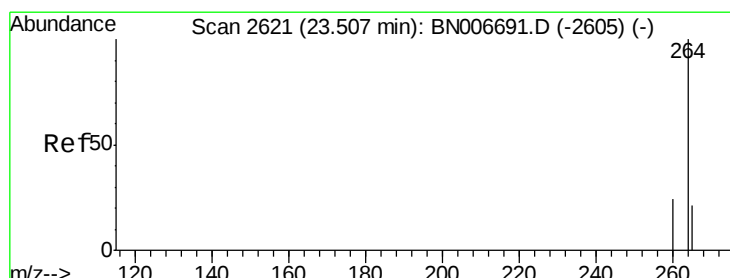
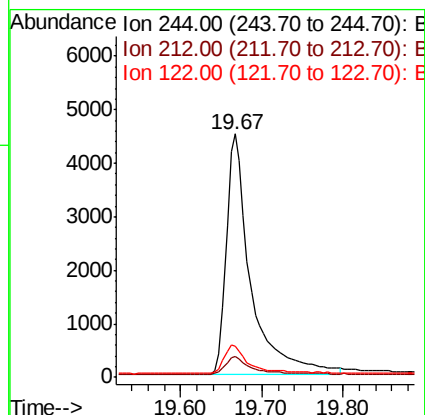
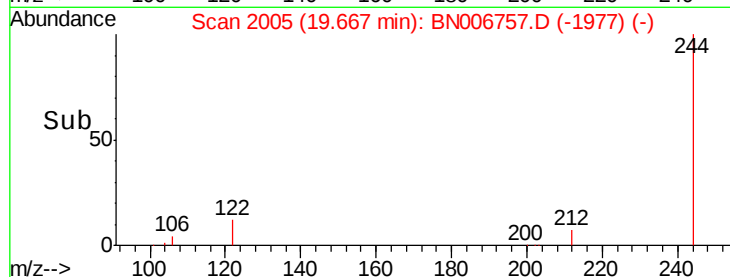
122 12.9 11.5 17.3



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: 23.48 min Scan# 2613

Delta R.T. -0.03 min

Lab File: BN006757.D

Acq: 08 Jul 2019 14:20

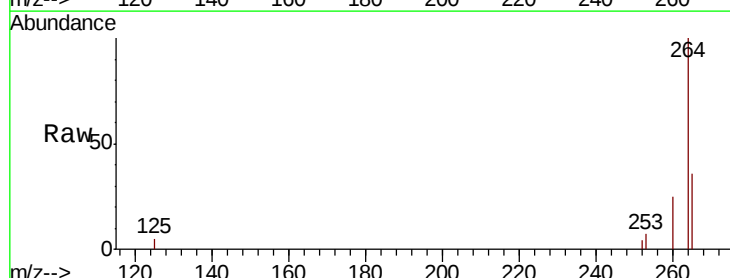
Tgt Ion:264 Resp: 12961

Ion Ratio Lower Upper

264 100

260 25.4 20.2 30.2

265 36.0 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

