

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092519\
 Data File : BN007859.D
 Acq On : 25 Sep 2019 18:17
 Operator : JU
 Sample : PB123288BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB123288BL

Quant Time: Sep 26 09:07:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 18 18:24:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	8519	0.40	ng	0.00
7) Naphthalene-d8	10.46	136	30915	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	16426	0.40	ng	-0.01
19) Phenanthrene-d10	17.06	188	33140	0.40	ng	-0.01
27) Chrysene-d12	21.26	240	23192	0.40	ng	-0.01
34) Perylene-d12	23.47	264	23313	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.31	112	7388	0.25	ng	0.00
5) Phenol-d6	6.87	99	8754	0.24	ng	0.00
8) Nitrobenzene-d5	8.83	82	7850	0.29	ng	0.00
11) 2-Methylnaphthalene-d10	12.05	152	18202	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.81	330	1326	0.15	ng	-0.01
15) 2-Fluorobiphenyl	12.93	172	23648	0.35	ng	-0.01
25) Fluoranthene-d10	19.09	212	32642	0.29	ng	-0.02
29) Terphenyl-d14	19.70	244	26307	0.46	ng	-0.02

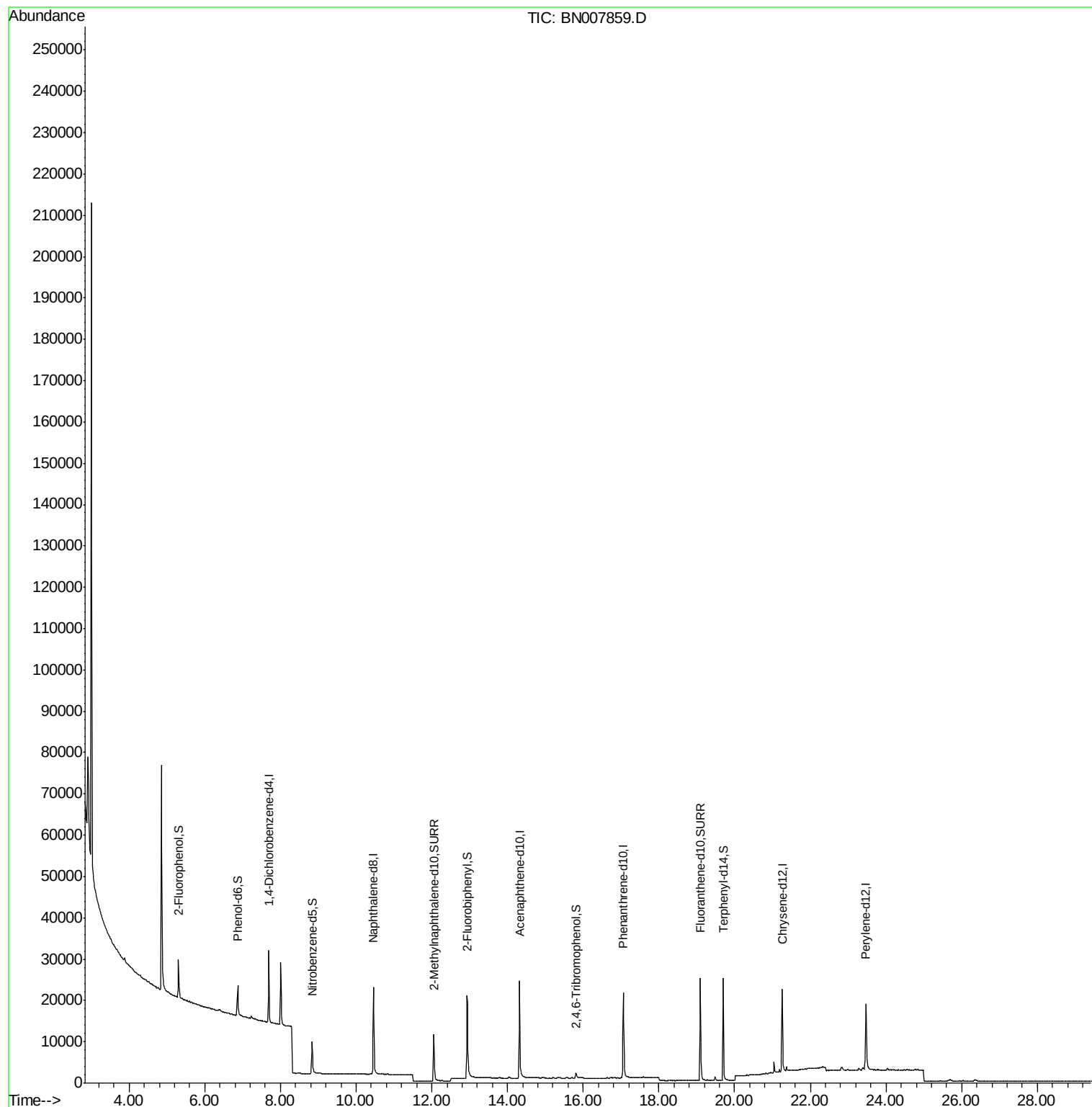
Target Compounds	Qvalue
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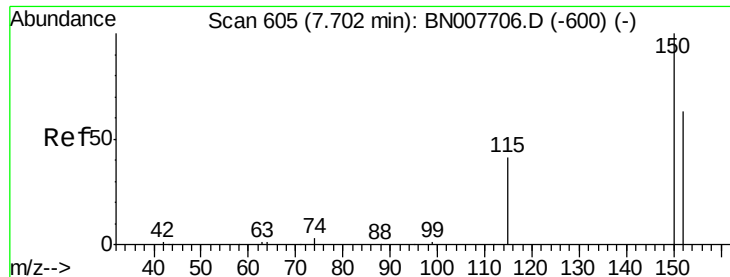
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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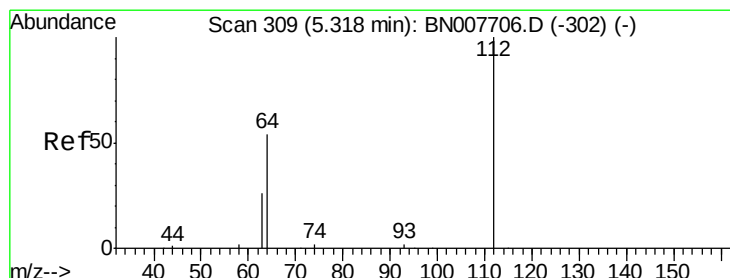
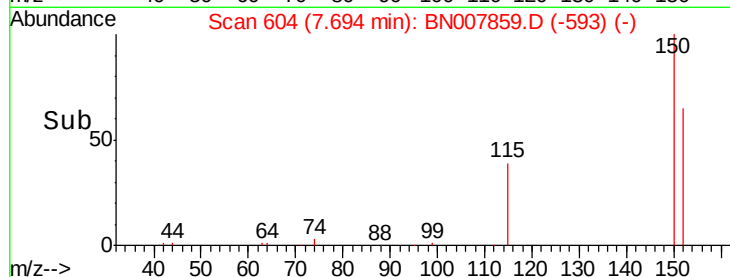
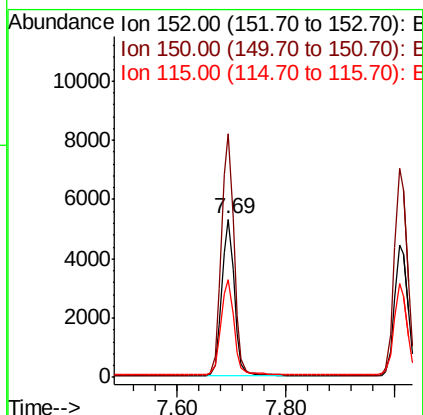
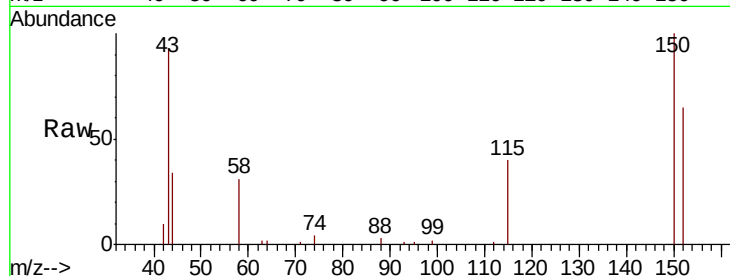


#1

1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.69 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: BN007859.D
 Acq: 25 Sep 2019 18:17

Instrument :
 BNA_N
 ClientSampleId :
 PB123288BL

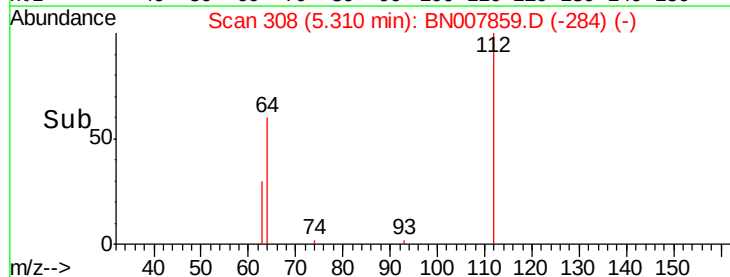
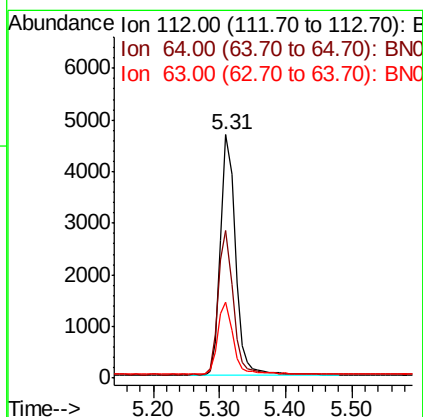
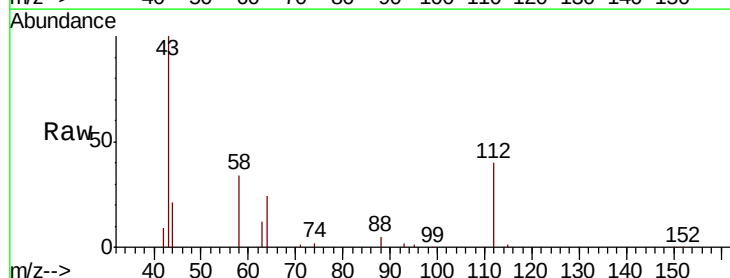
Tot Ion:152 Resp: 8519
 Ion Ratio Lower Upper
 152 100
 150 153.8 125.6 188.4
 115 61.6 53.3 79.9

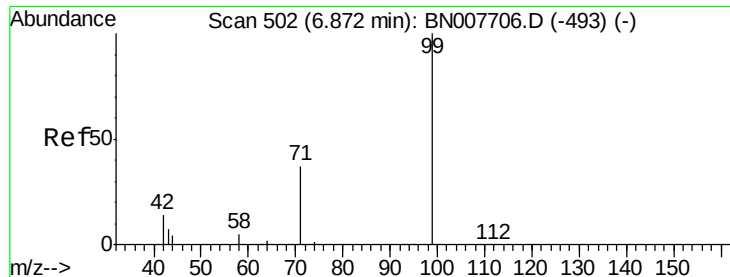


#4

2-Fluorophenol
 Concen: 0.252 ng
 RT: 5.31 min Scan# 308
 Delta R.T. -0.01 min
 Lab File: BN007859.D
 Acq: 25 Sep 2019 18:17

Tgt Ion:112 Resp: 7388
 Ion Ratio Lower Upper
 112 100
 64 59.1 46.6 70.0
 63 29.9 23.1 34.7





#5

Phenol-d6

Concen: 0.237 ng

RT: 6.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BN007859.D

Acq: 25 Sep 2019 18:17

Instrument :

BNA_N

ClientSampleId :

PB123288BL

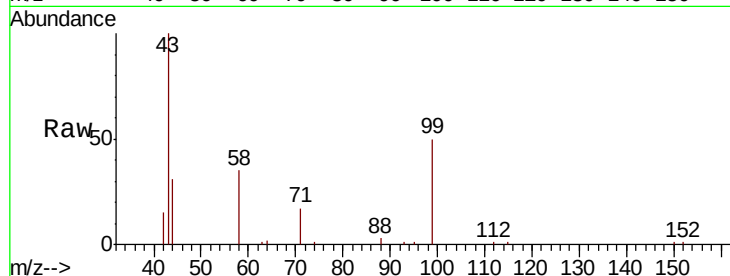
Tot Ion: 99 Resp: 8754

Ion Ratio Lower Upper

99 100

42 13.5 12.8 19.2

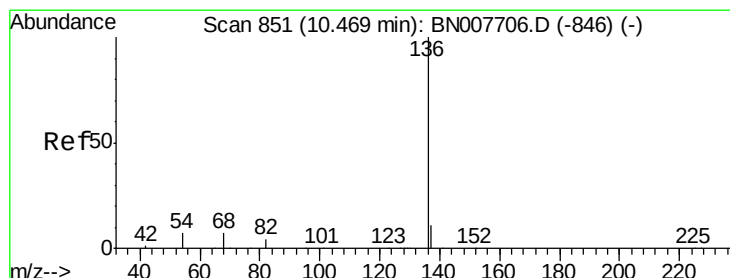
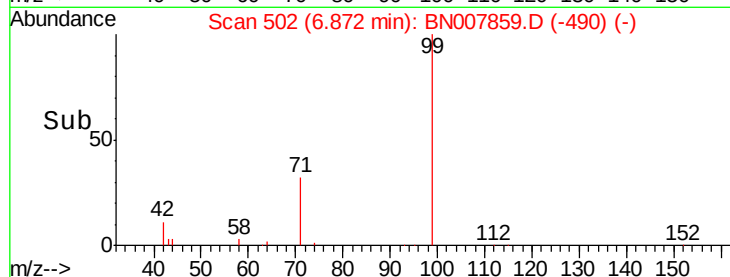
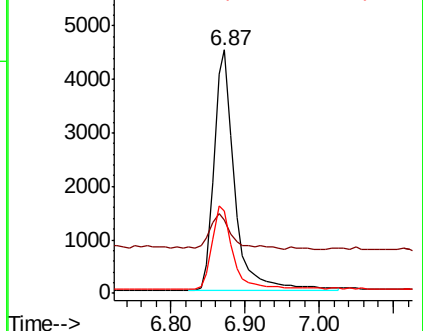
71 35.3 27.6 41.4



Abundance Ion 99.00 (98.70 to 99.70): BN007706.D (-493) (-)

Ion 42.00 (41.70 to 42.70): BN007706.D (-493) (-)

Ion 71.00 (70.70 to 71.70): BN007706.D (-493) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.46 min Scan# 850

Delta R.T. -0.01 min

Lab File: BN007859.D

Acq: 25 Sep 2019 18:17

Tgt Ion: 136 Resp: 30915

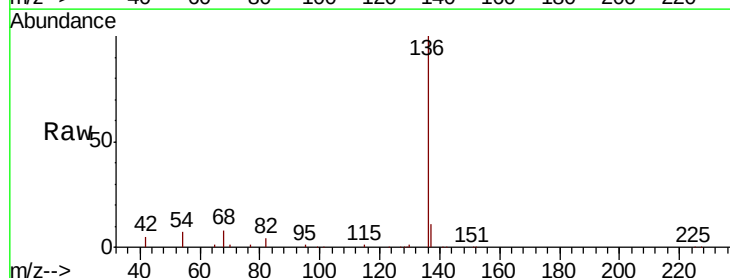
Ion Ratio Lower Upper

136 100

137 11.2 9.2 13.8

54 7.2 5.8 8.8

68 7.7 6.5 9.7

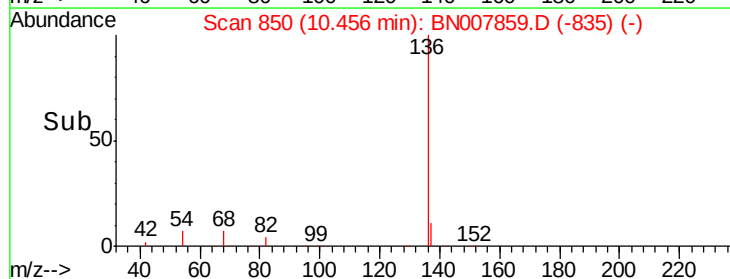
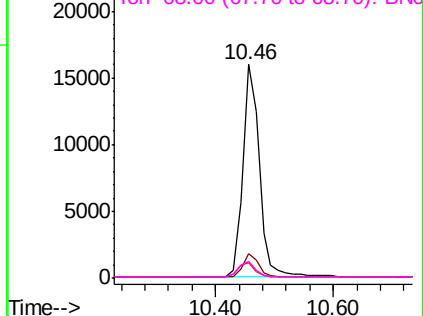


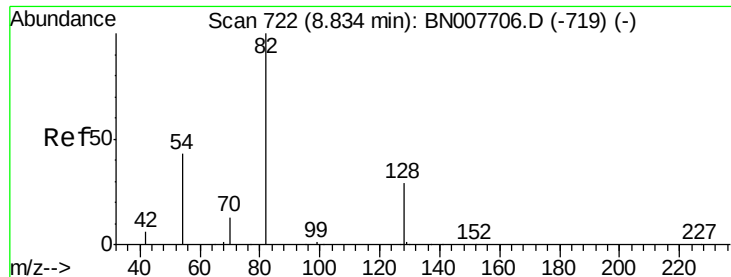
Abundance Ion 136.00 (135.70 to 136.70): BN007706.D (-846) (-)

Ion 137.00 (136.70 to 137.70): BN007706.D (-846) (-)

Ion 54.00 (53.70 to 54.70): BN007706.D (-846) (-)

Ion 68.00 (67.70 to 68.70): BN007706.D (-846) (-)





#8

Nitrobenzene-d5

Concen: 0.290 ng

RT: 8.83 min Scan# 722

Delta R.T. -0.00 min

Lab File: BN007859.D

Acq: 25 Sep 2019 18:17

Instrument :

BNA_N

ClientSampleId :

PB123288BL

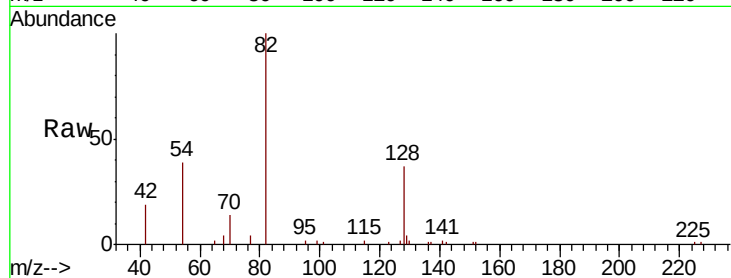
Tot Ion: 82 Resp: 7850

Ion Ratio Lower Upper

82 100

128 37.0 24.5 36.7#

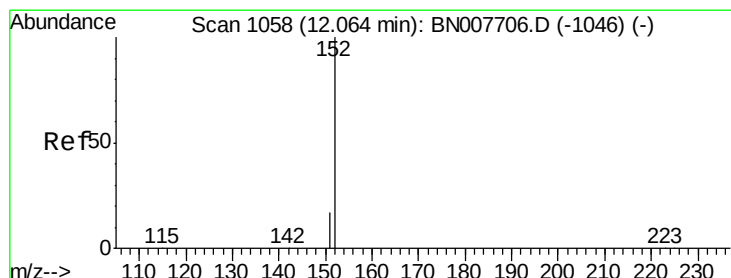
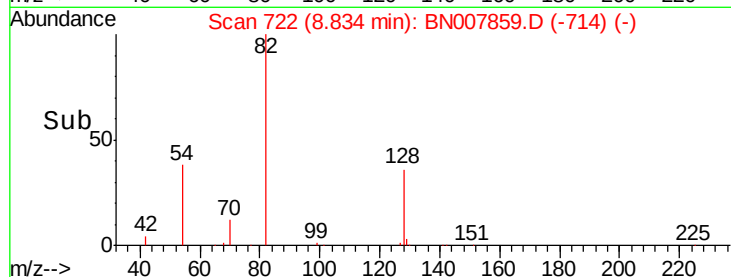
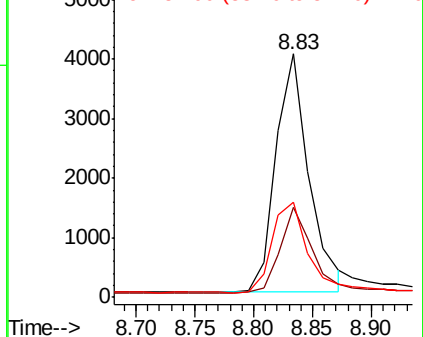
54 39.2 35.2 52.8



Abundance Ion 82.00 (81.70 to 82.70): BN007706.D (-719) (-)

Ion 128.00 (127.70 to 128.70): BN007706.D (-719) (-)

Ion 54.00 (53.70 to 54.70): BN007706.D (-719) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.349 ng

RT: 12.05 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BN007859.D

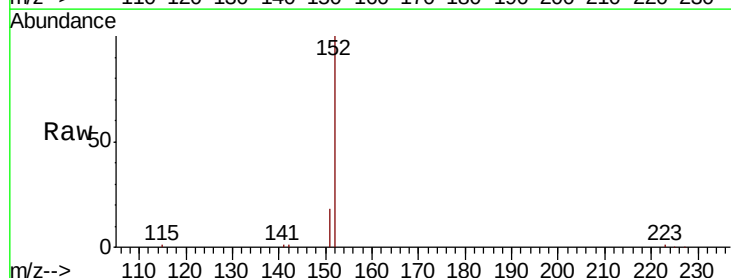
Acq: 25 Sep 2019 18:17

Tgt Ion: 152 Resp: 18202

Ion Ratio Lower Upper

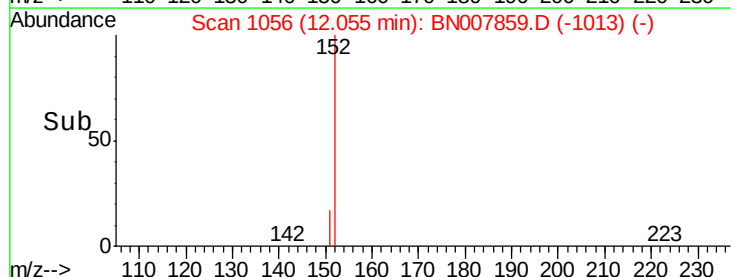
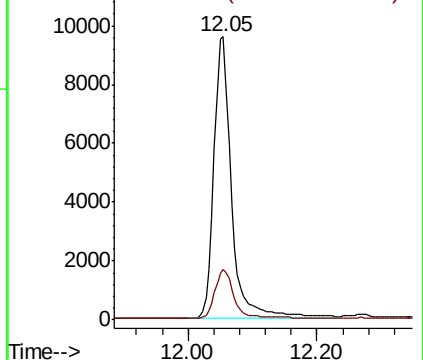
152 100

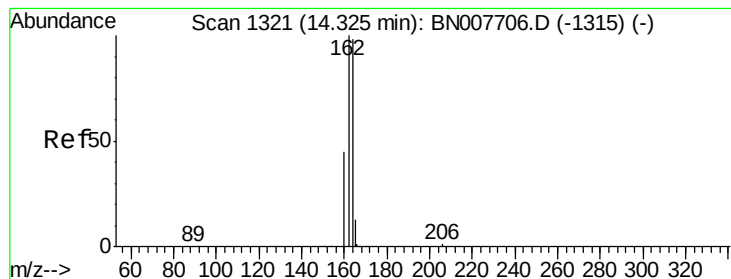
151 18.8 15.4 23.2



Abundance Ion 152.00 (151.70 to 152.70): BN007706.D (-1046) (-)

Ion 151.00 (150.70 to 151.70): BN007706.D (-1046) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.31 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BN007859.D

Acq: 25 Sep 2019 18:17

Instrument :

BNA_N

ClientSampleId :

PB123288BL

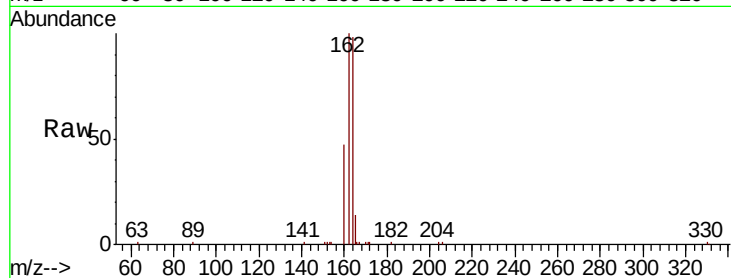
Tot Ion:164 Resp: 16426

Ion Ratio Lower Upper

164 100

162 102.3 81.7 122.5

160 48.0 37.0 55.4

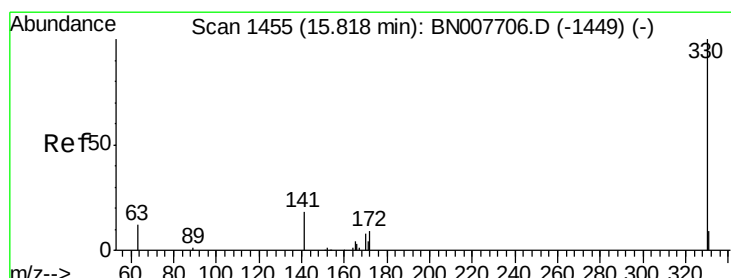
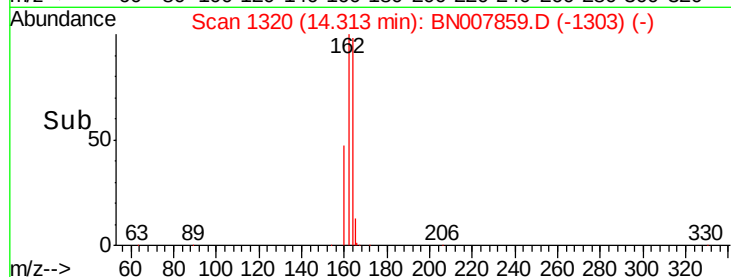
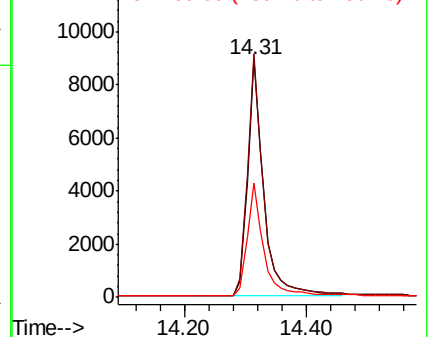


Abundance

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: 0.148 ng

RT: 15.81 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BN007859.D

Acq: 25 Sep 2019 18:17

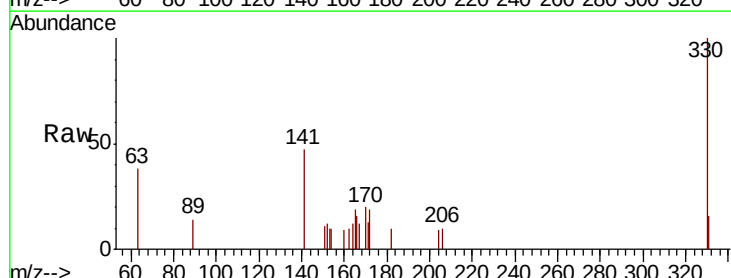
Tgt Ion:330 Resp: 1326

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 37.0 28.7 43.1

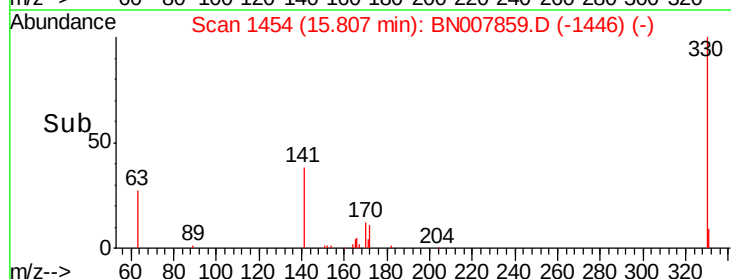
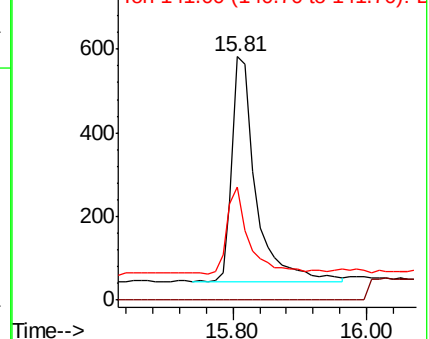


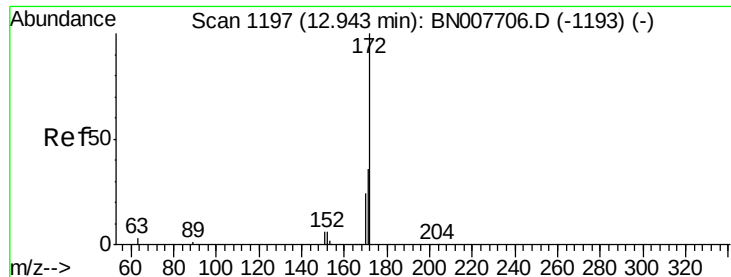
Abundance

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: 0.350 ng

RT: 12.93 min Scan# 1196

Delta R.T. -0.01 min

Lab File: BN007859.D

Acq: 25 Sep 2019 18:17

Instrument :

BNA_N

ClientSampleId :

PB123288BL

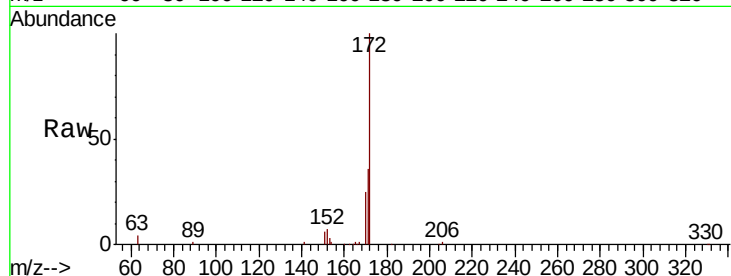
Tot Ion:172 Resp: 23648

Ion Ratio Lower Upper

172 100

171 36.2 28.8 43.2

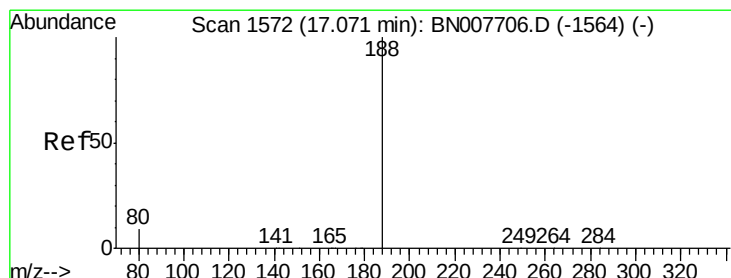
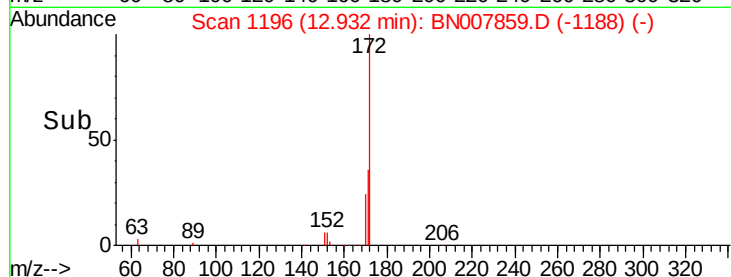
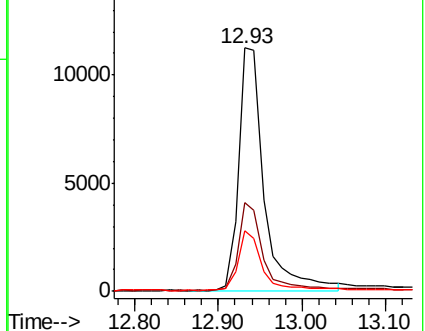
170 24.6 19.5 29.3



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: 17.06 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BN007859.D

Acq: 25 Sep 2019 18:17

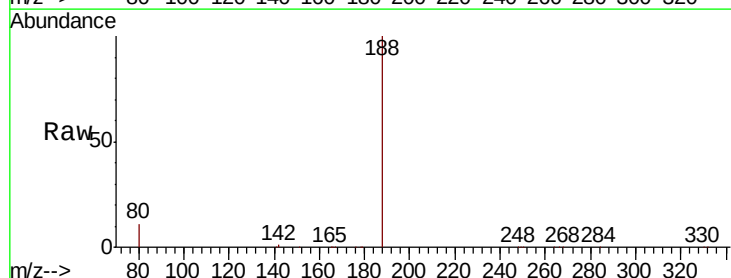
Tgt Ion:188 Resp: 33140

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

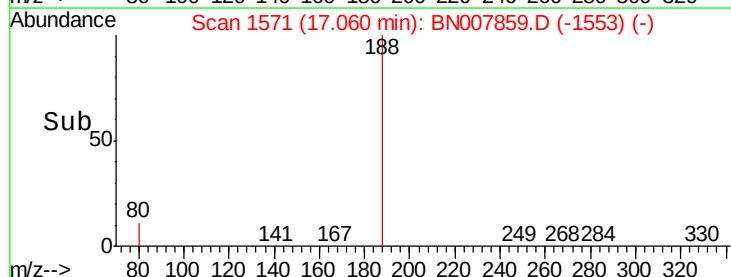
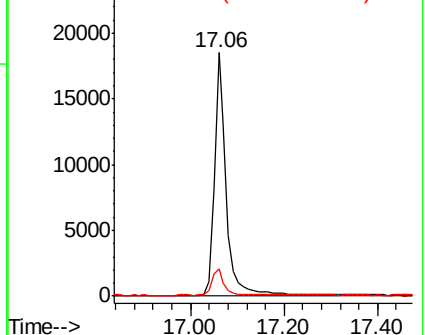
80 11.3 7.4 11.2#

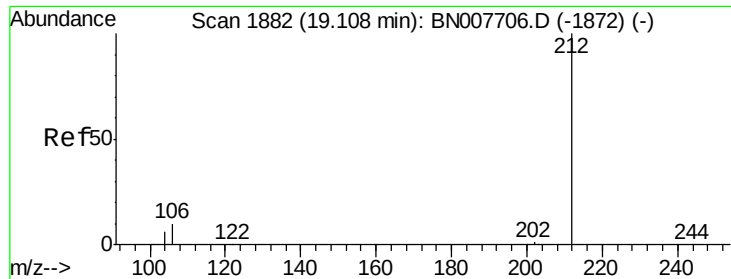


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC

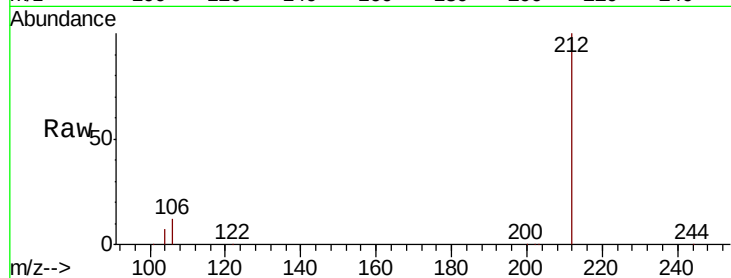




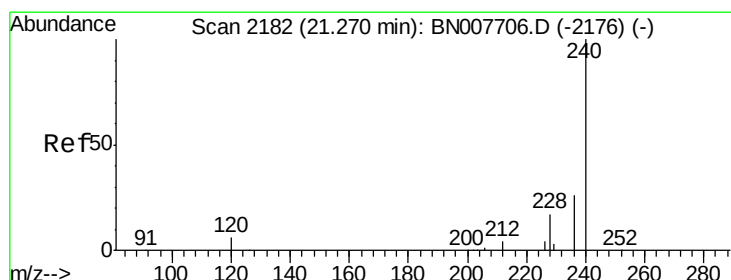
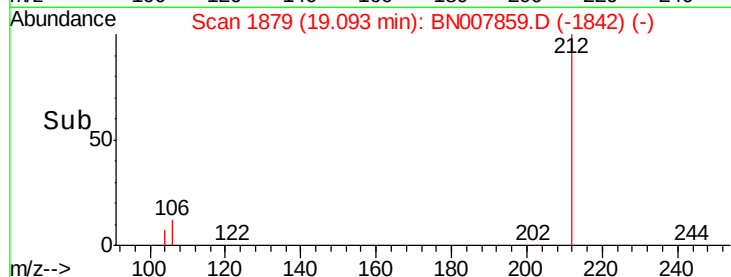
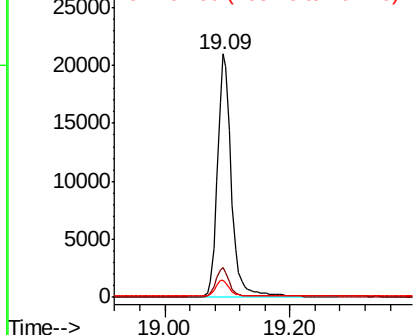
#25
 Fluoranthene-d10
 Concen: 0.292 ng
 RT: 19.09 min Scan# 1879
 Delta R.T. -0.02 min
 Lab File: BN007859.D
 Acq: 25 Sep 2019 18:17

Instrument :
 BNA_N
 ClientSampled :
 PB123288BL

Tot Ion:212 Resp: 32642
 Ion Ratio Lower Upper
 212 100
 106 11.7 9.4 14.0
 104 6.6 5.3 7.9

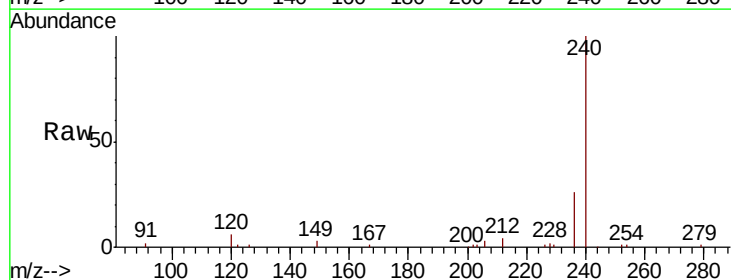


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

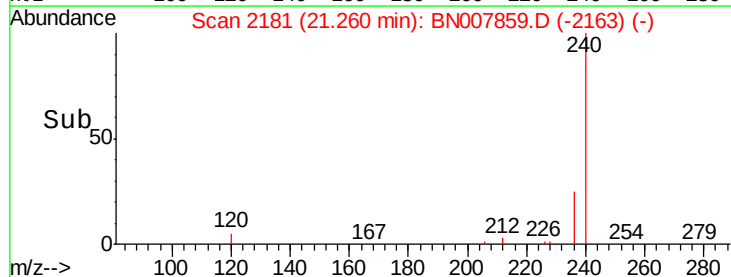
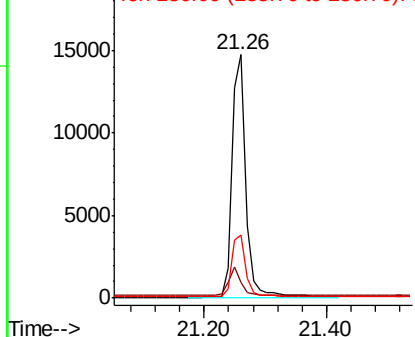


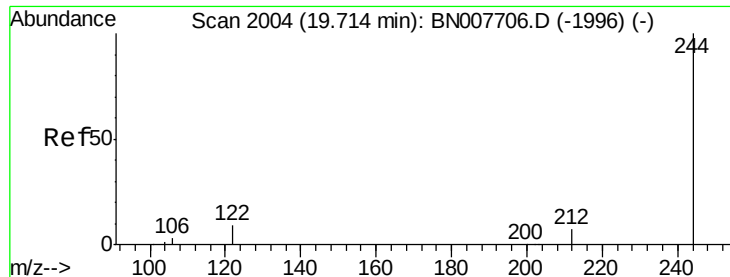
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.26 min Scan# 2181
 Delta R.T. -0.01 min
 Lab File: BN007859.D
 Acq: 25 Sep 2019 18:17

Tgt Ion:240 Resp: 23192
 Ion Ratio Lower Upper
 240 100
 120 6.2 5.4 8.2
 236 25.8 21.0 31.4



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: 0.462 ng

RT: 19.70 min Scan# 2001

Delta R.T. -0.02 min

Lab File: BN007859.D

Acq: 25 Sep 2019 18:17

Instrument :

BNA_N

ClientSampleId :

PB123288BL

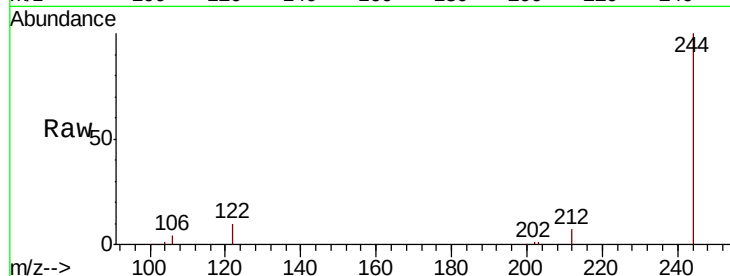
Tot Ion:244 Resp: 26307

Ion Ratio Lower Upper

244 100

212 7.5 5.9 8.9

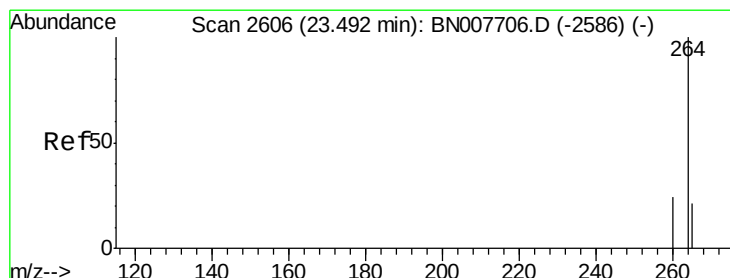
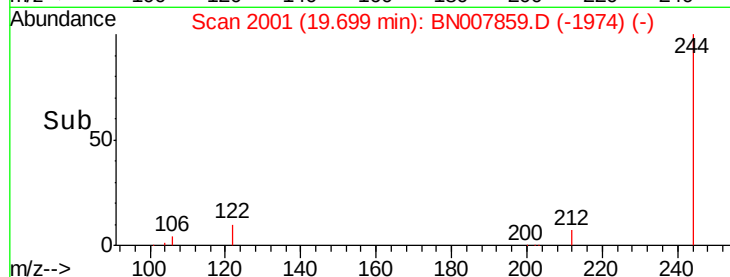
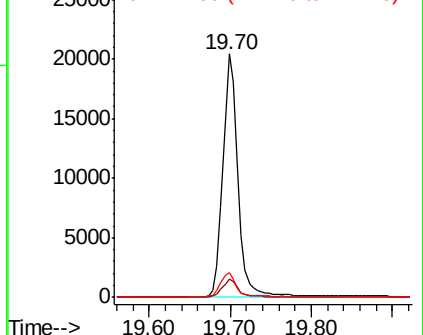
122 9.9 7.4 11.2



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# 2600

Delta R.T. -0.02 min

Lab File: BN007859.D

Acq: 25 Sep 2019 18:17

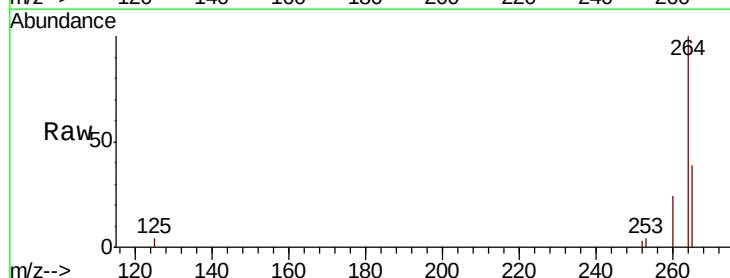
Tgt Ion:264 Resp: 23313

Ion Ratio Lower Upper

264 100

260 24.0 19.3 28.9

265 39.4 26.9 40.3



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

