

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091919\
 Data File : BN007745.D
 Acq On : 19 Sep 2019 17:35
 Operator : HP/JU
 Sample : PB123223BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB123223BL

Quant Time: Sep 20 11:05:10 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	7.70	152	6039	0.40	ng	0.00
7) Naphthalene-d8	10.47	136	22515	0.40	ng	0.00
13) Acenaphthene-d10	14.32	164	12670	0.40	ng	0.00
19) Phenanthrene-d10	17.07	188	28847	0.40	ng	0.00
27) Chrysene-d12	21.27	240	29262	0.40	ng	0.00
34) Perylene-d12	23.48	264	18457	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.32	112	4797	0.23	ng	0.00
5) Phenol-d6	6.88	99	5883	0.22	ng	0.00
8) Nitrobenzene-d5	8.85	82	4905	0.25	ng	0.01
11) 2-Methylnaphthalene-d10	12.06	152	10889	0.29	ng	0.00
14) 2,4,6-Tribromophenol	15.82	330	1204	0.17	ng	0.00
15) 2-Fluorobiphenyl	12.94	172	15481	0.30	ng	0.00
25) Fluoranthene-d10	19.10	212	27577	0.28	ng	0.00
29) Terphenyl-d14	19.71	244	23325	0.32	ng	0.00

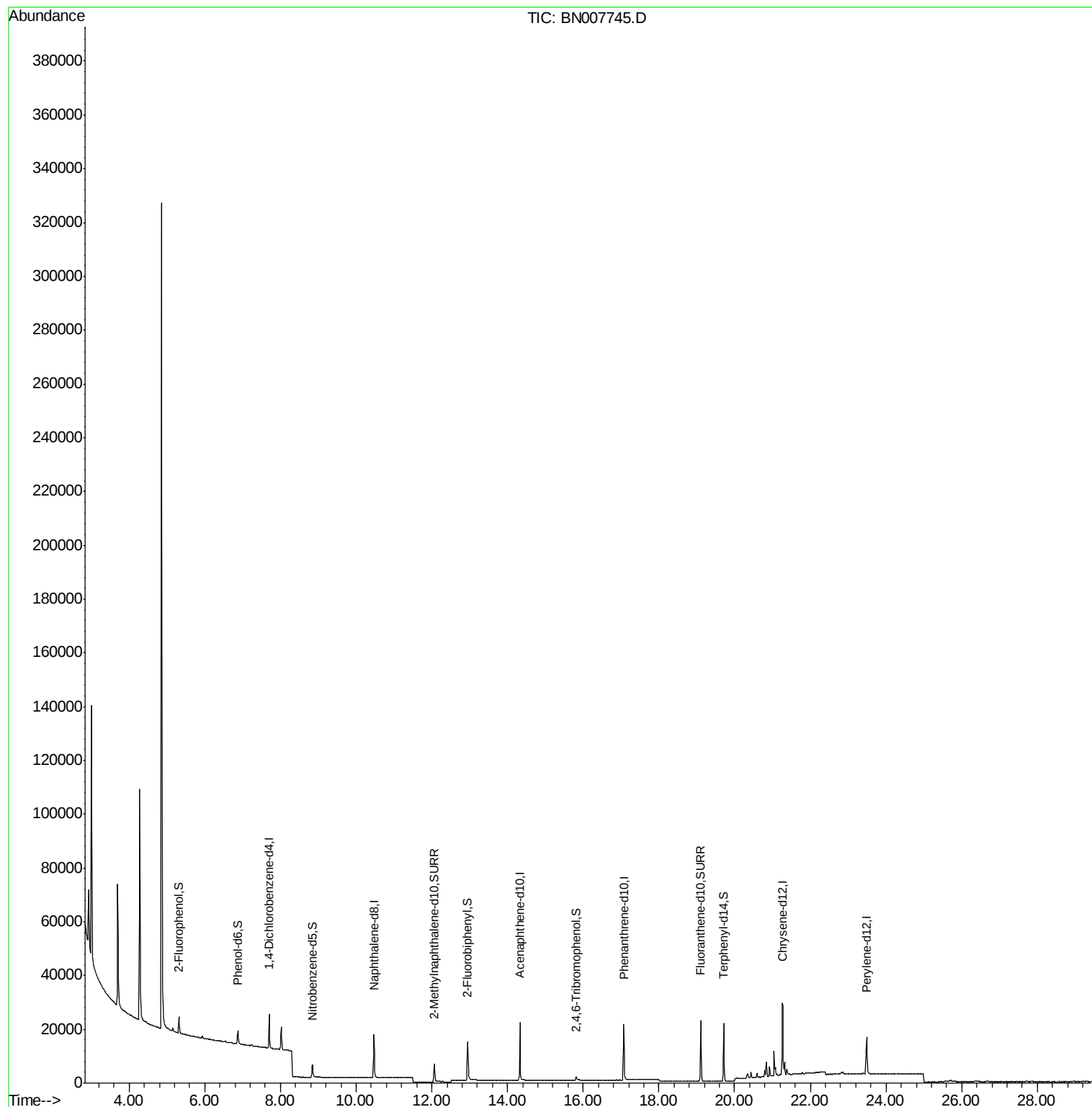
Target Compounds	Qvalue

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

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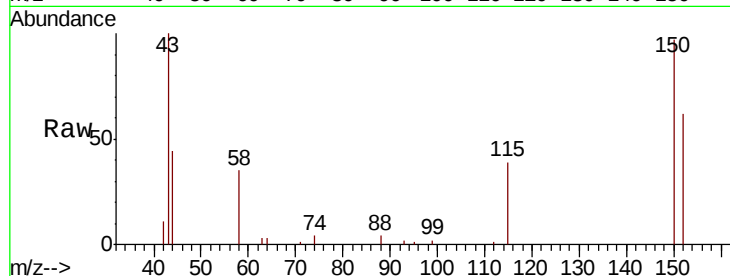


#1

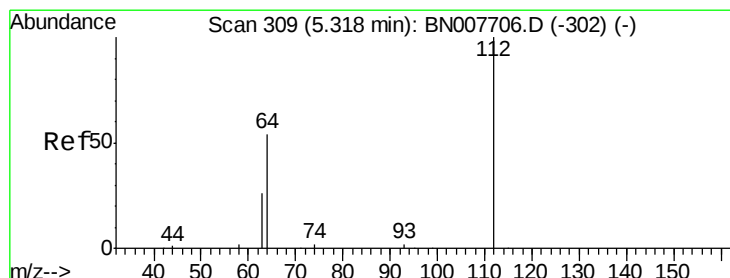
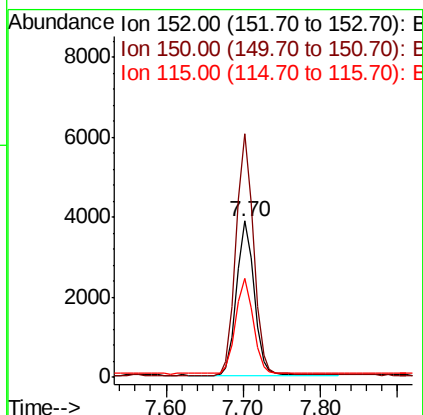
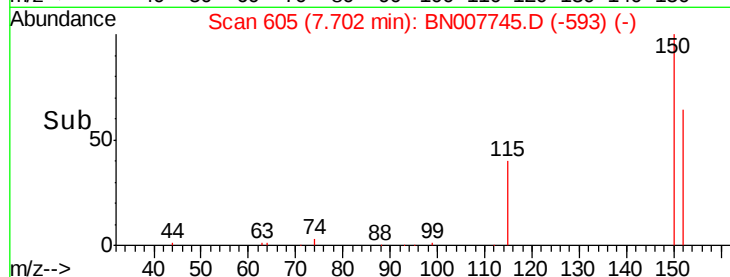
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.70 min Scan# 605
Delta R.T. 0.00 min
Lab File: BN007745.D
Acq: 19 Sep 2019 17:35

Instrument :
BNA_N
ClientSampleId :
PB123223BL

Tot Ion:152 Resp: 6039
Ion Ratio Lower Upper
152 100
150 156.1 125.6 188.4
115 63.6 53.3 79.9



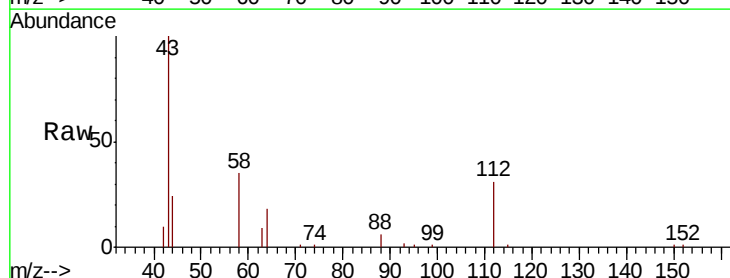
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



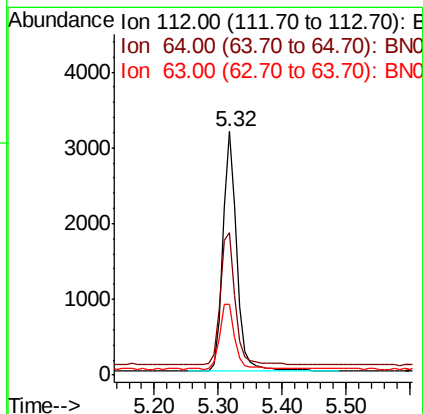
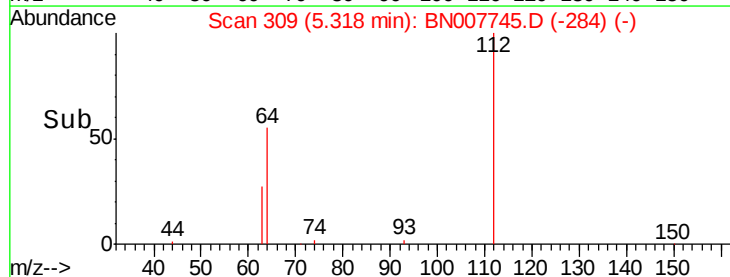
#4

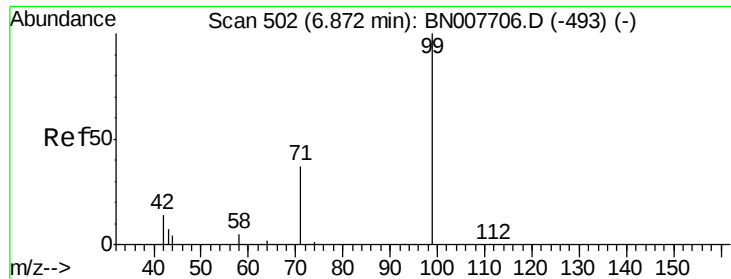
2-Fluorophenol
Concen: 0.231 ng
RT: 5.32 min Scan# 309
Delta R.T. 0.00 min
Lab File: BN007745.D
Acq: 19 Sep 2019 17:35

Tgt Ion:112 Resp: 4797
Ion Ratio Lower Upper
112 100
64 59.6 46.6 70.0
63 30.3 23.1 34.7



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: 0.224 ng

RT: 6.88 min Scan# 503

Delta R.T. 0.01 min

Lab File: BN007745.D

Acq: 19 Sep 2019 17:35

Instrument :

BNA_N

ClientSampleId :

PB123223BL

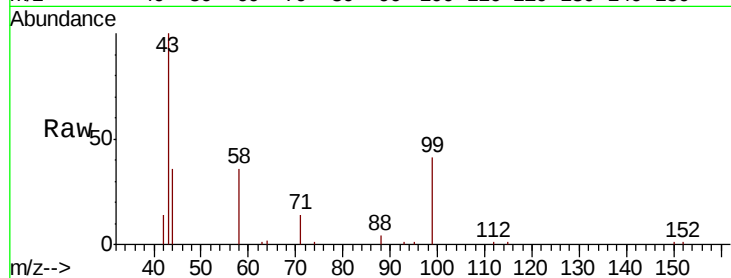
Tot Ion: 99 Resp: 5883

Ion Ratio Lower Upper

99 100

42 14.3 12.8 19.2

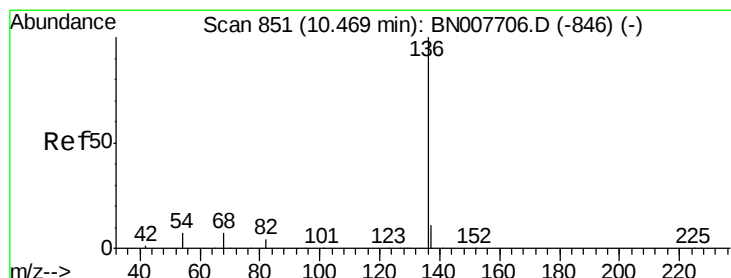
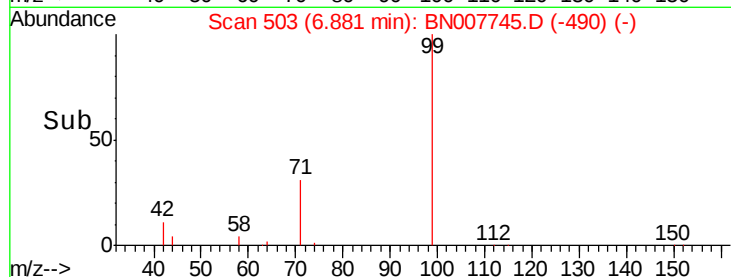
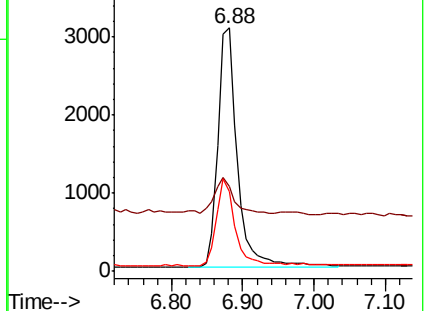
71 34.5 27.6 41.4



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: 10.47 min Scan# 851

Delta R.T. 0.00 min

Lab File: BN007745.D

Acq: 19 Sep 2019 17:35

Tgt Ion: 136 Resp: 22515

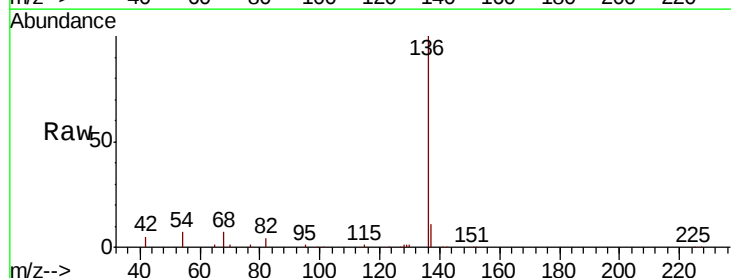
Ion Ratio Lower Upper

136 100

137 11.2 9.2 13.8

54 6.7 5.8 8.8

68 7.3 6.5 9.7

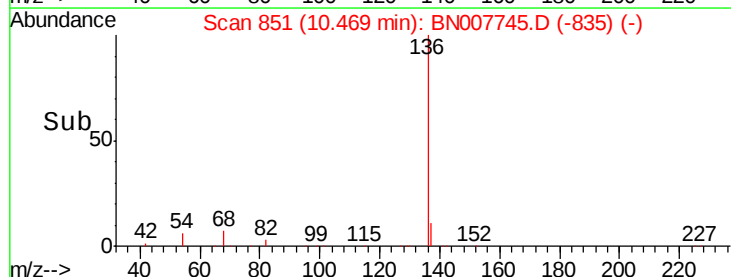
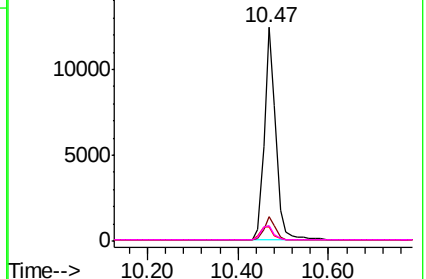


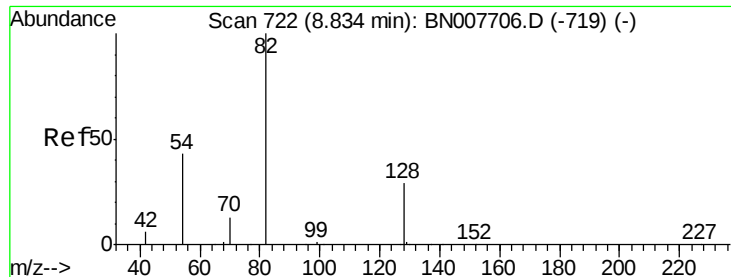
Abundance Ion 136.00 (135.70 to 136.70): BN007706.D (-846) (-)

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: 0.249 ng

RT: 8.85 min Scan# 723

Delta R.T. 0.01 min

Lab File: BN007745.D

Acq: 19 Sep 2019 17:35

Instrument :

BNA_N

ClientSampleId :

PB123223BL

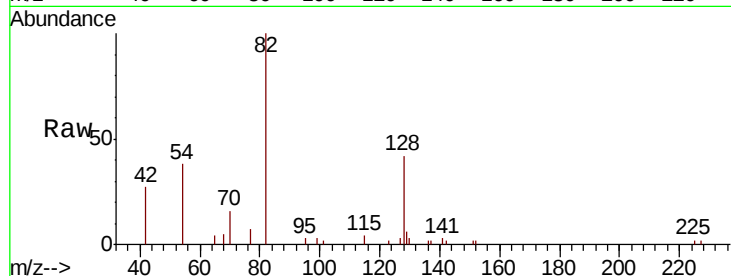
Tot Ion: 82 Resp: 4905

Ion Ratio Lower Upper

82 100

128 42.4 24.5 36.7#

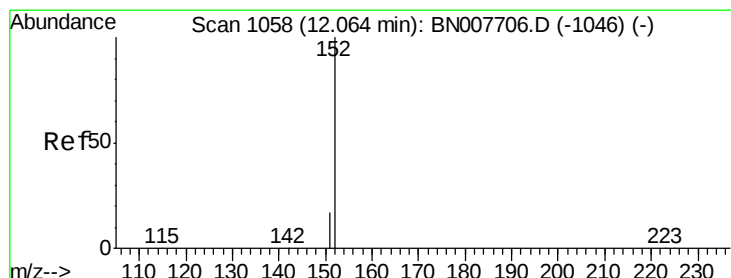
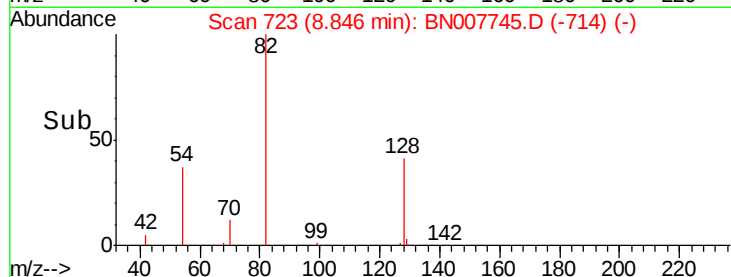
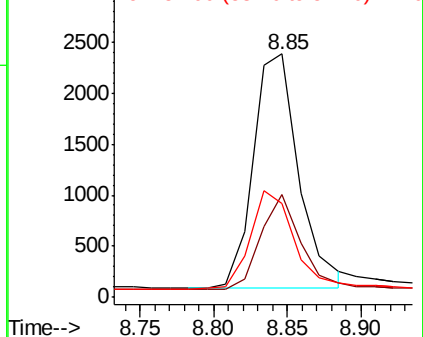
54 38.5 35.2 52.8



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: 0.287 ng

RT: 12.06 min Scan# 1058

Delta R.T. 0.00 min

Lab File: BN007745.D

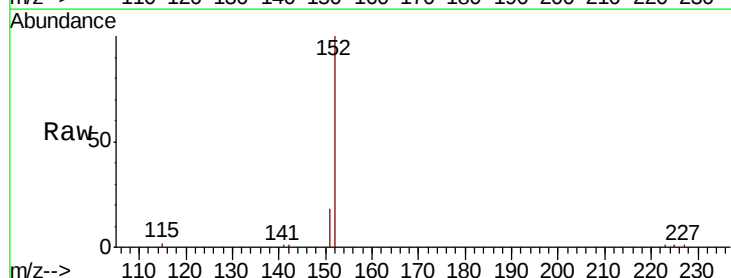
Acq: 19 Sep 2019 17:35

Tgt Ion: 152 Resp: 10889

Ion Ratio Lower Upper

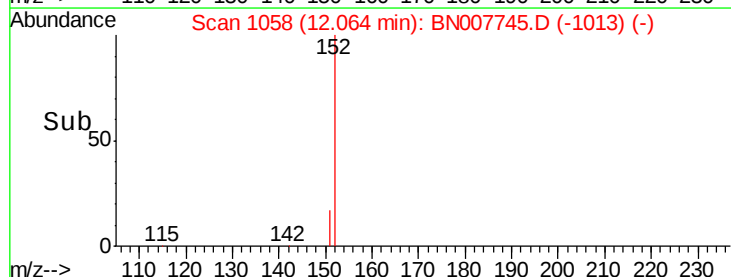
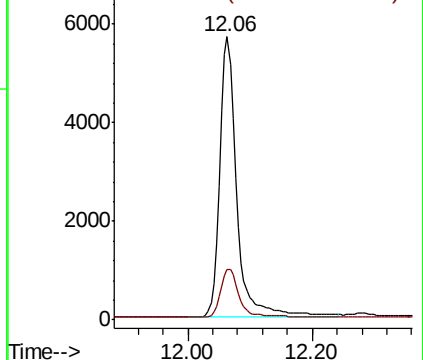
152 100

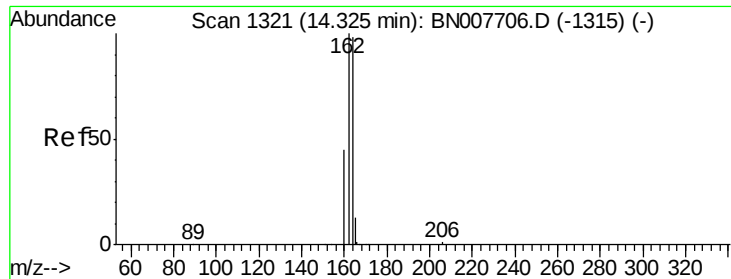
151 18.8 15.4 23.2



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: 14.32 min Scan# 1321

Delta R.T. 0.00 min

Lab File: BN007745.D

Acq: 19 Sep 2019 17:35

Instrument :

BNA_N

ClientSampled :

PB123223BL

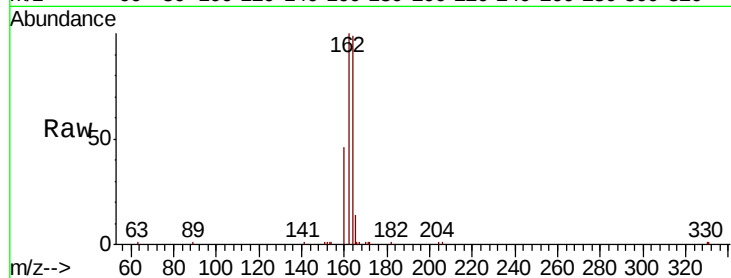
Tot Ion:164 Resp: 12670

Ion Ratio Lower Upper

164 100

162 100.7 81.7 122.5

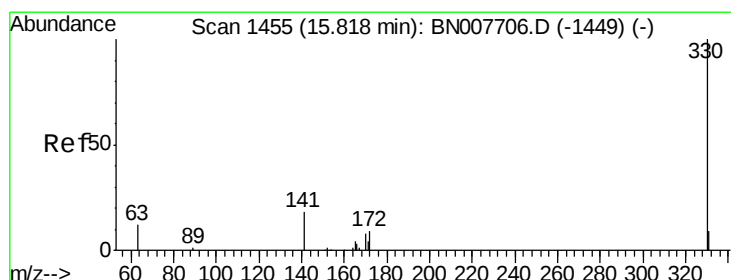
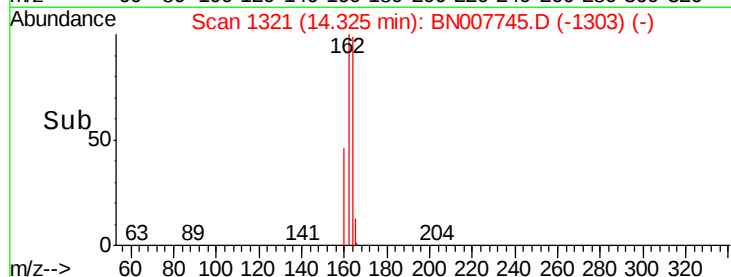
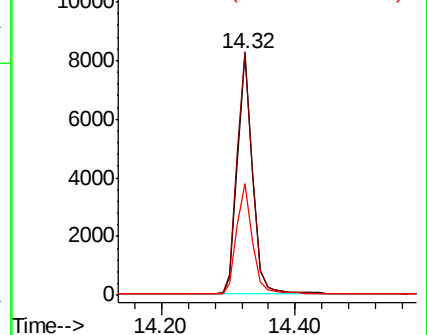
160 46.4 37.0 55.4



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: 0.174 ng

RT: 15.82 min Scan# 1455

Delta R.T. 0.00 min

Lab File: BN007745.D

Acq: 19 Sep 2019 17:35

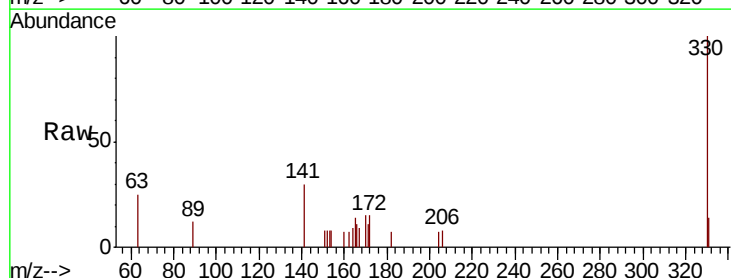
Tgt Ion:330 Resp: 1204

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

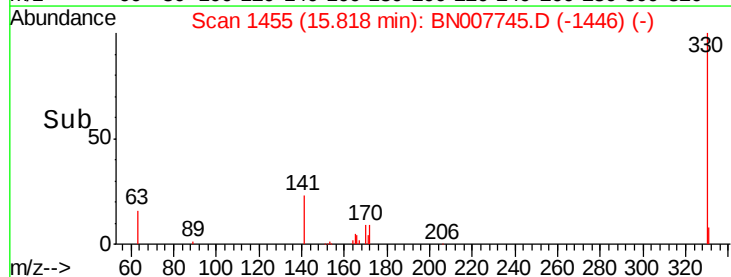
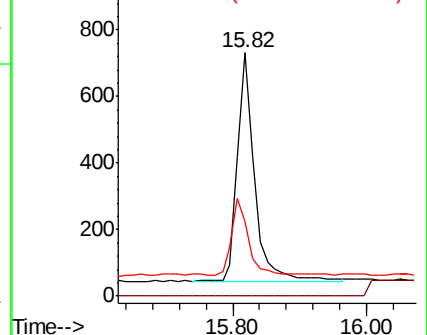
141 33.0 28.7 43.1

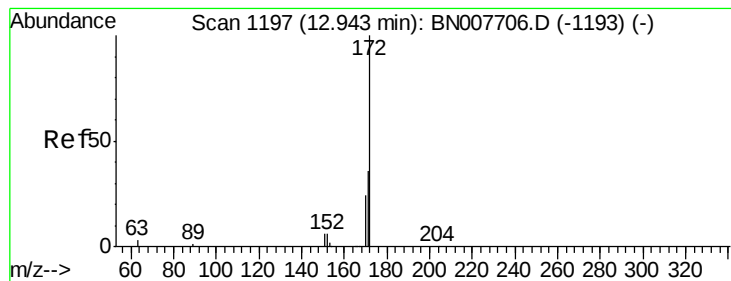


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.297 ng

RT: 12.94 min Scan# 1197

Delta R.T. 0.00 min

Lab File: BN007745.D

Acq: 19 Sep 2019 17:35

Instrument :

BNA_N

ClientSampleId :

PB123223BL

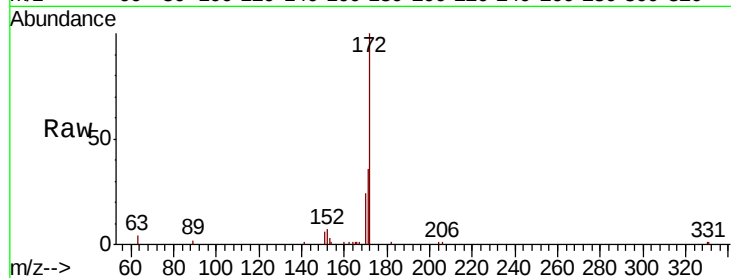
Tot Ion:172 Resp: 15481

Ion Ratio Lower Upper

172 100

171 36.2 28.8 43.2

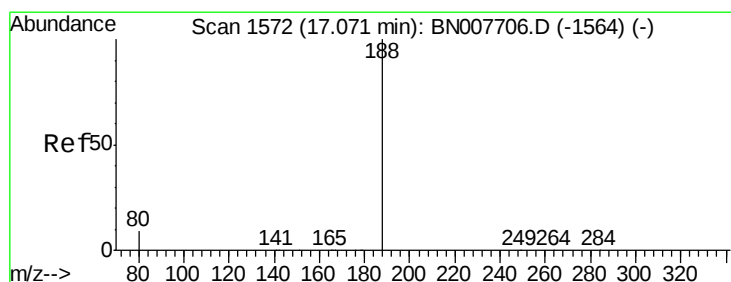
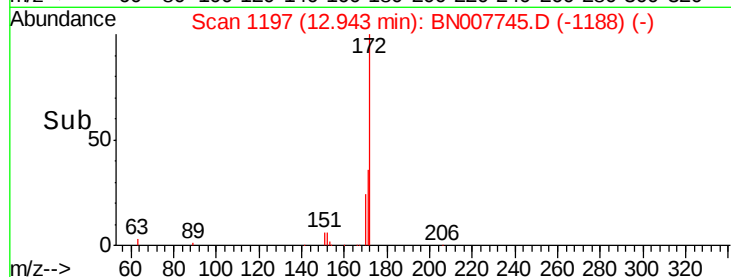
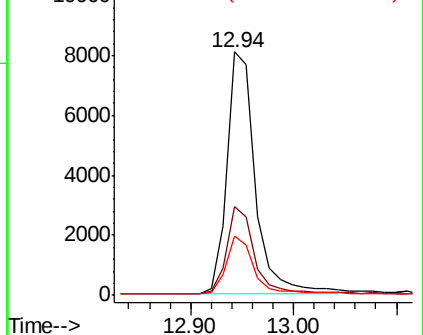
170 24.3 19.5 29.3



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: 17.07 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BN007745.D

Acq: 19 Sep 2019 17:35

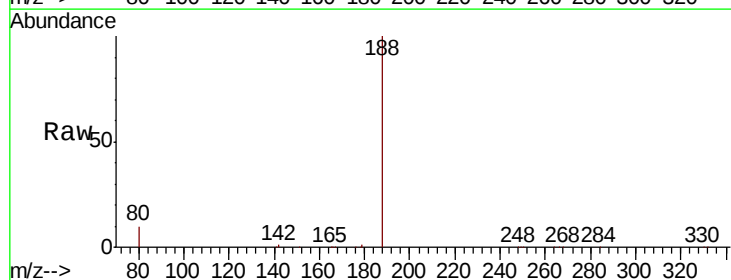
Tgt Ion:188 Resp: 28847

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

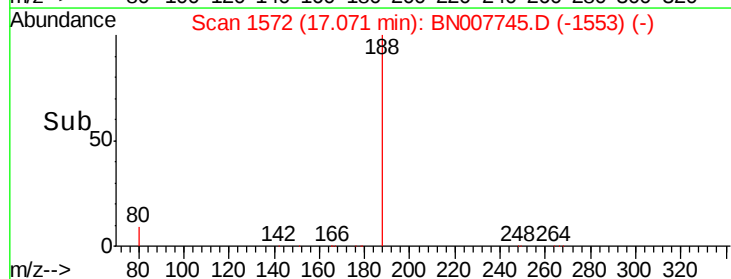
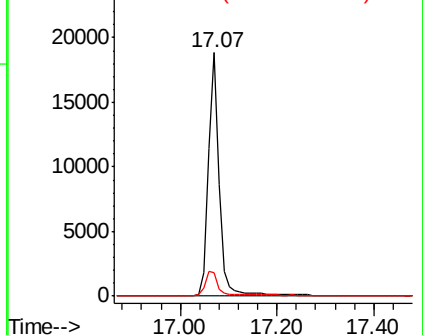
80 9.6 7.4 11.2

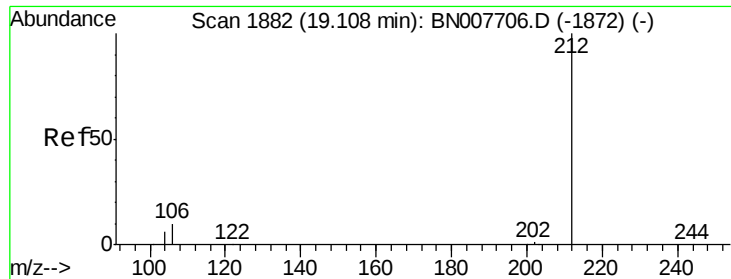


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC

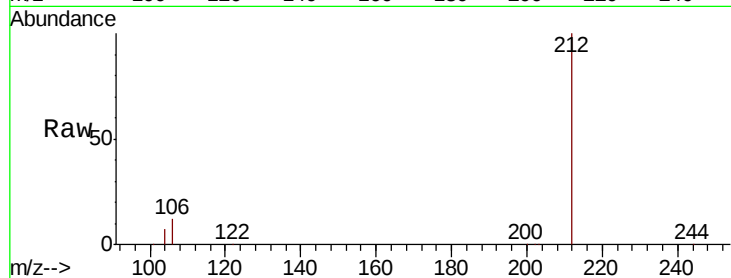




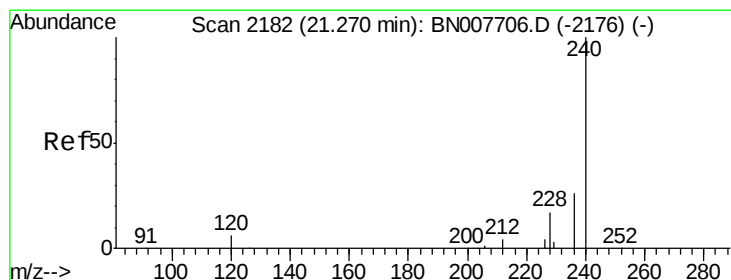
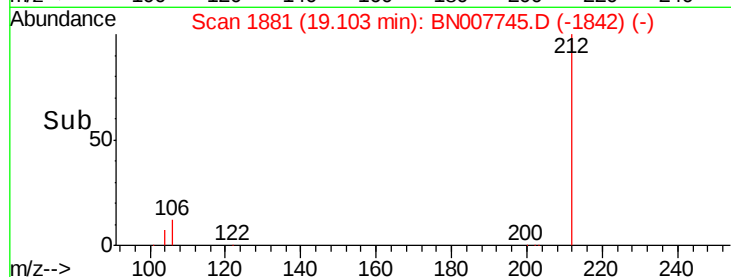
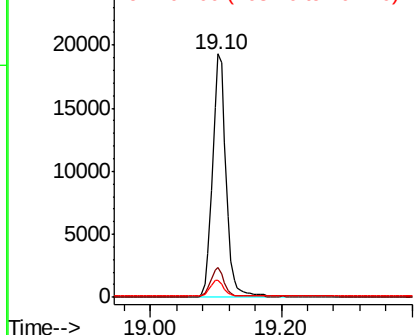
#25
 Fluoranthene-d10
 Concen: 0.284 ng
 RT: 19.10 min Scan# 1881
 Delta R.T. -0.00 min
 Lab File: BN007745.D
 Acq: 19 Sep 2019 17:35

Instrument :
 BNA_N
 ClientSampleId :
 PB123223BL

Tot Ion:212 Resp: 27577
 Ion Ratio Lower Upper
 212 100
 106 11.6 9.4 14.0
 104 6.6 5.3 7.9

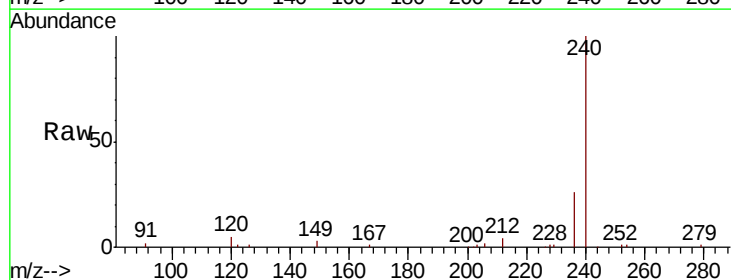


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

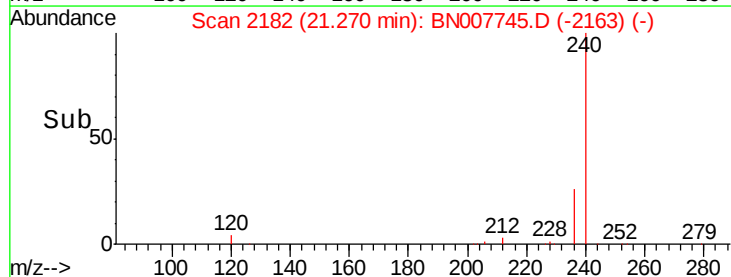
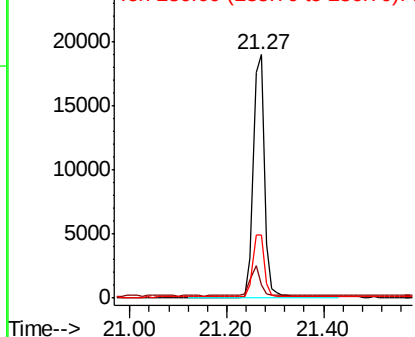


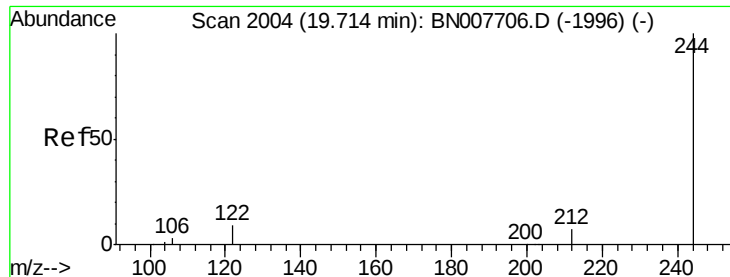
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.27 min Scan# 2182
 Delta R.T. 0.00 min
 Lab File: BN007745.D
 Acq: 19 Sep 2019 17:35

Tgt Ion:240 Resp: 29262
 Ion Ratio Lower Upper
 240 100
 120 5.4 5.4 8.2#
 236 26.0 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: 0.325 ng

RT: 19.71 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BN007745.D

Acq: 19 Sep 2019 17:35

Instrument :

BNA_N

ClientSampleId :

PB123223BL

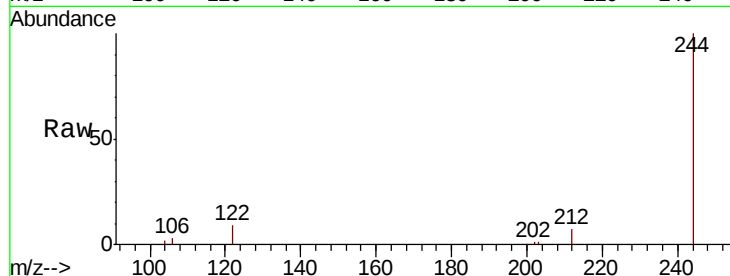
Tot Ion:244 Resp: 23325

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

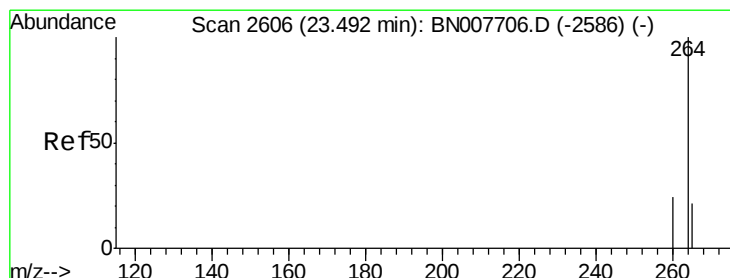
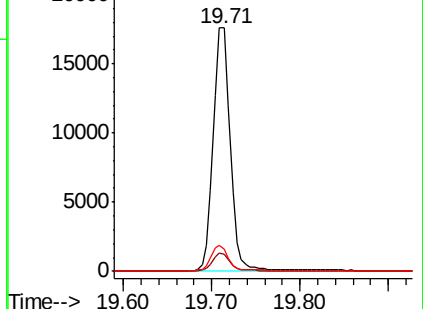
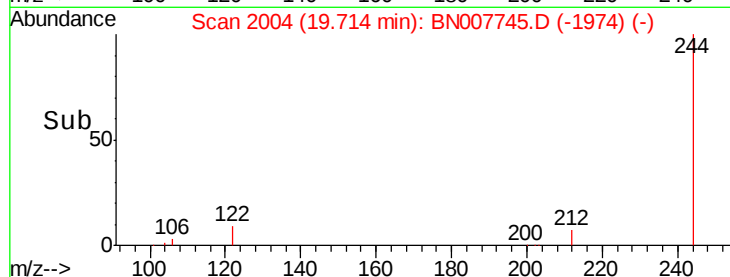
122 8.9 7.4 11.2



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: 23.48 min Scan# 2604

Delta R.T. -0.01 min

Lab File: BN007745.D

Acq: 19 Sep 2019 17:35

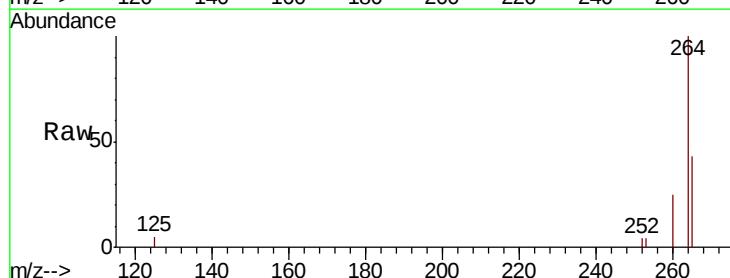
Tgt Ion:264 Resp: 18457

Ion Ratio Lower Upper

264 100

260 25.2 19.3 28.9

265 43.5 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

