

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092719\
 Data File : BN007883.D
 Acq On : 27 Sep 2019 12:18
 Operator : JU
 Sample : PB123288BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB123288BL

Quant Time: Sep 27 16:27:06 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	6471	0.40	ng	0.00
7) Naphthalene-d8	10.46	136	24635	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	14928	0.40	ng	-0.02
19) Phenanthrene-d10	17.06	188	32856	0.40	ng	-0.01
27) Chrysene-d12	21.26	240	33910	0.40	ng	0.00
34) Perylene-d12	23.48	264	35963	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.31	112	6985	0.31	ng	0.00
5) Phenol-d6	6.86	99	9025	0.32	ng	0.00
8) Nitrobenzene-d5	8.82	82	8132	0.38	ng	-0.01
11) 2-Methylnaphthalene-d10	12.05	152	14803	0.36	ng	-0.01
14) 2,4,6-Tribromophenol	15.80	330	2541	0.31	ng	-0.02
15) 2-Fluorobiphenyl	12.94	172	20747	0.34	ng	0.00
25) Fluoranthene-d10	19.09	212	39142	0.35	ng	-0.01
29) Terphenyl-d14	19.70	244	32961	0.40	ng	-0.01

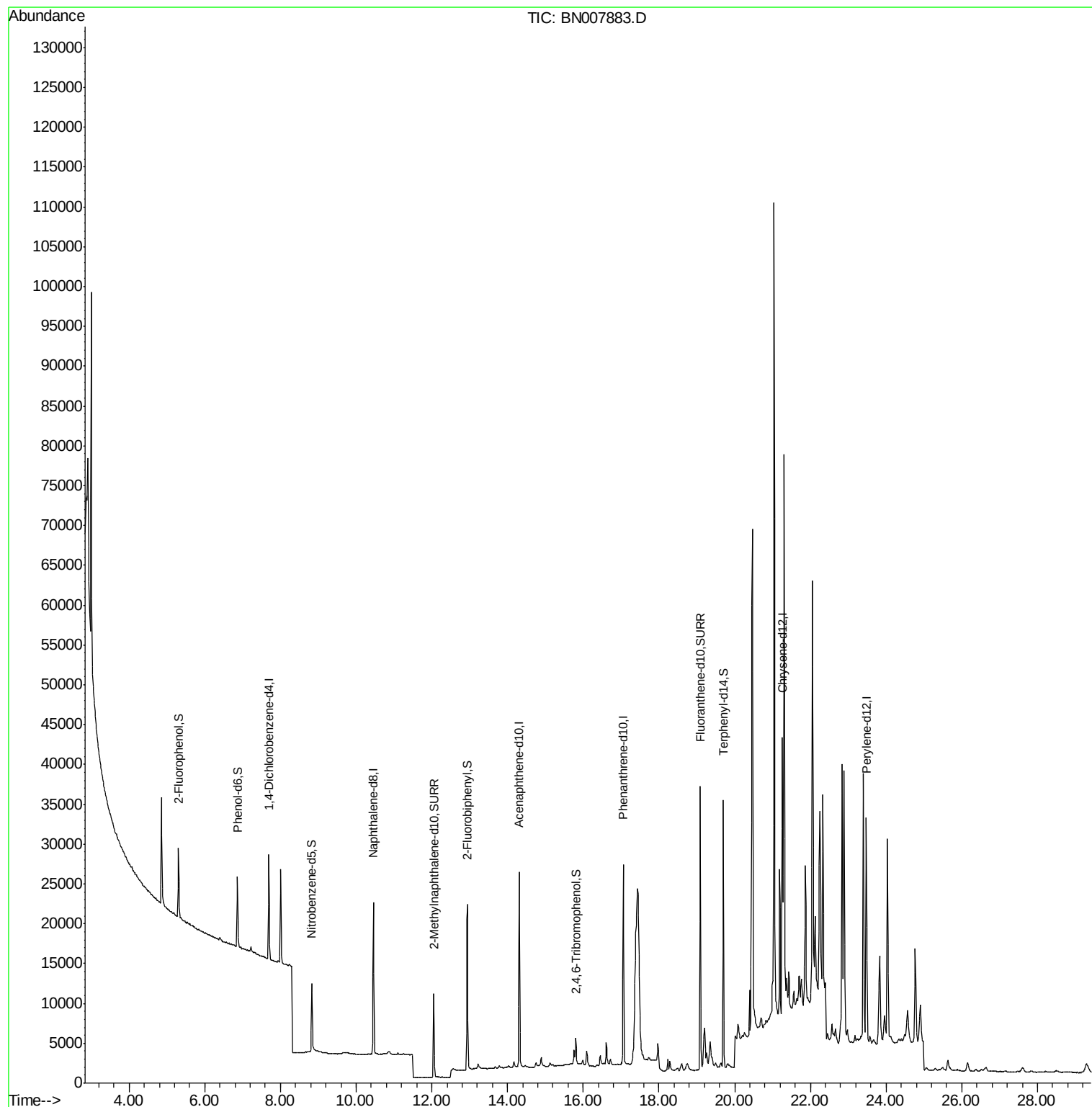
Target Compounds	Qvalue

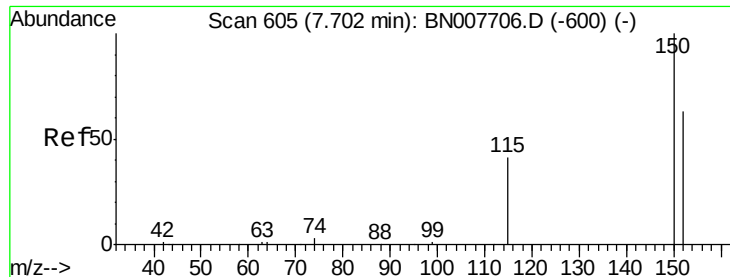
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.69 min Scan# 604

Delta R.T. -0.01 min

Lab File: BN007883.D

Acq: 27 Sep 2019 12:18

Instrument :

BNA_N

ClientSampleId :

PB123288BL

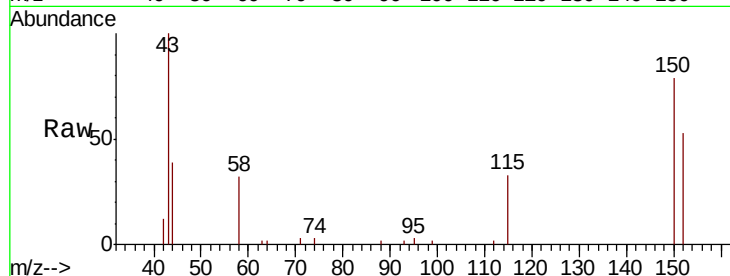
Tot Ion:152 Resp: 6471

Ion Ratio Lower Upper

152 100

150 148.6 125.6 188.4

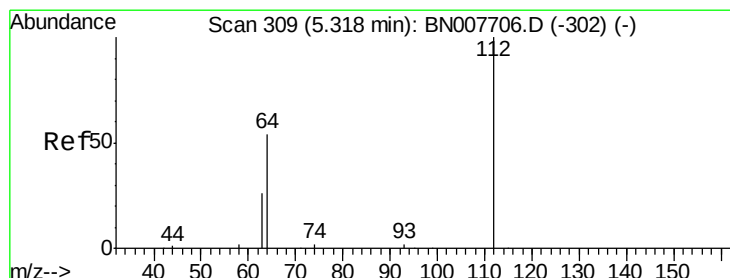
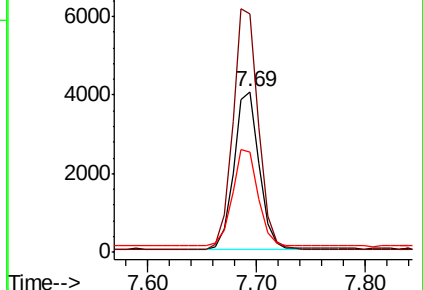
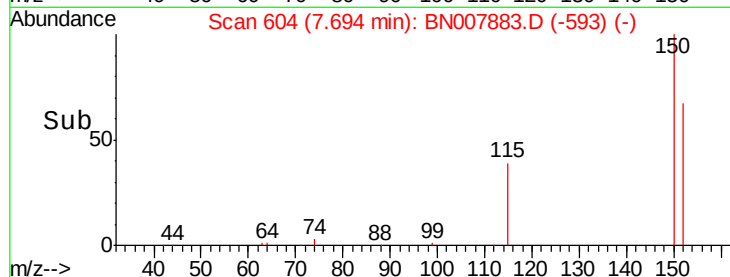
115 62.0 53.3 79.9



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: 0.314 ng

RT: 5.31 min Scan# 308

Delta R.T. -0.01 min

Lab File: BN007883.D

Acq: 27 Sep 2019 12:18

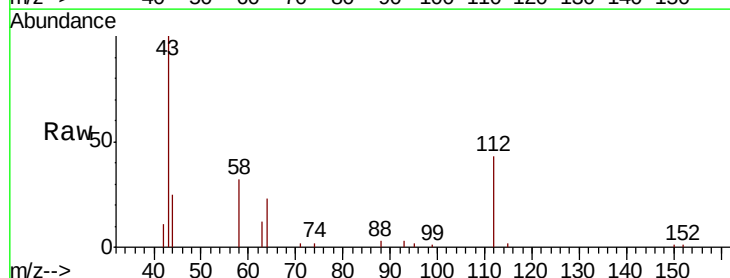
Tgt Ion:112 Resp: 6985

Ion Ratio Lower Upper

112 100

64 59.0 46.6 70.0

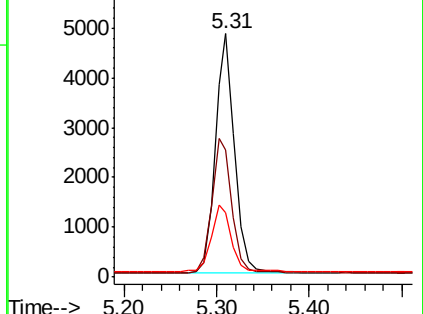
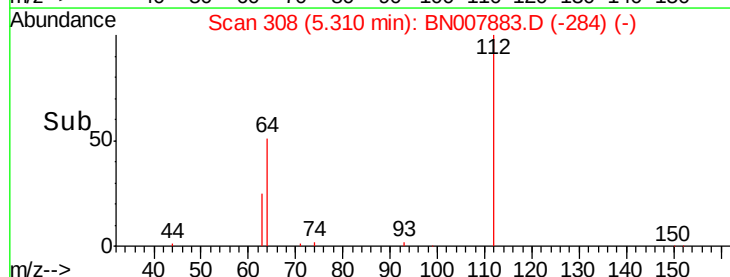
63 28.9 23.1 34.7

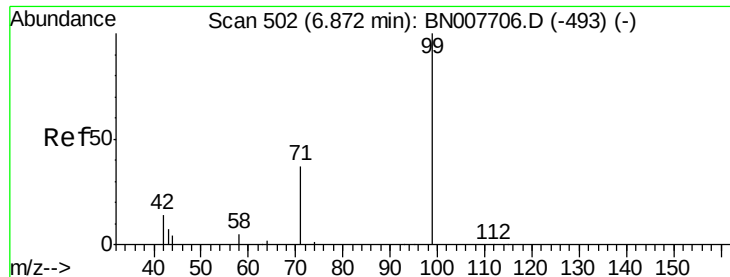


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.324 ng

RT: 6.86 min Scan# 501

Delta R.T. -0.01 min

Lab File: BN007883.D

Acq: 27 Sep 2019 12:18

Instrument :

BNA_N

ClientSampleId :

PB123288BL

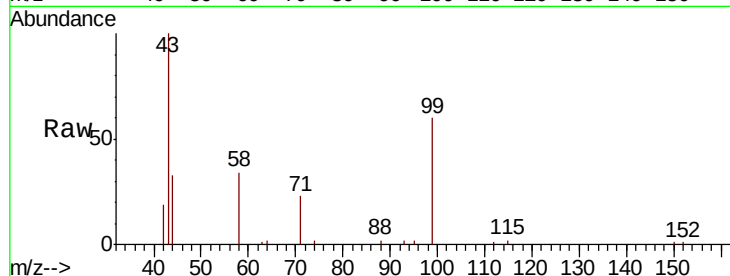
Tot Ion: 99 Resp: 9025

Ion Ratio Lower Upper

99 100

42 14.8 12.8 19.2

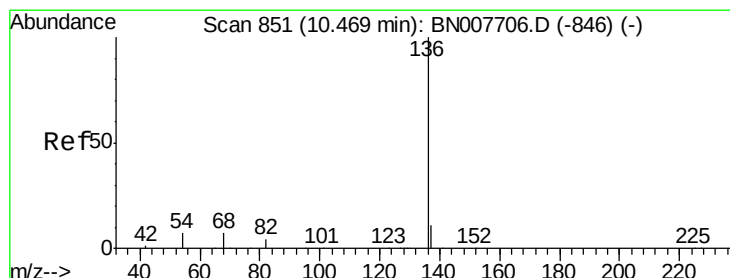
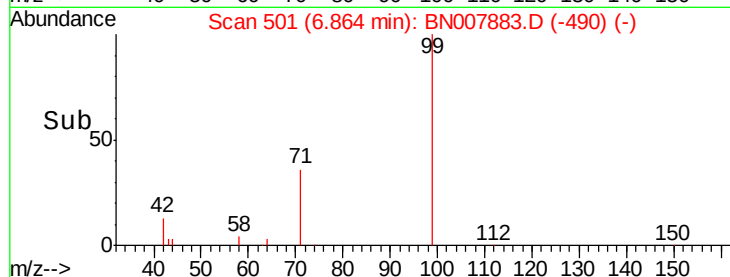
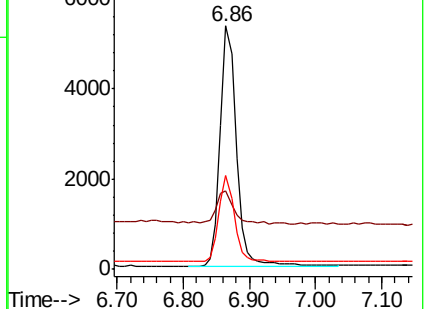
71 34.8 27.6 41.4



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: BN007883.D

Acq: 27 Sep 2019 12:18

Tgt Ion: 136 Resp: 24635

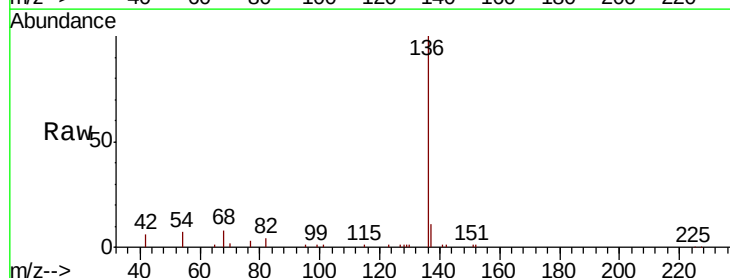
Ion Ratio Lower Upper

136 100

137 11.4 9.2 13.8

54 6.7 5.8 8.8

68 7.8 6.5 9.7

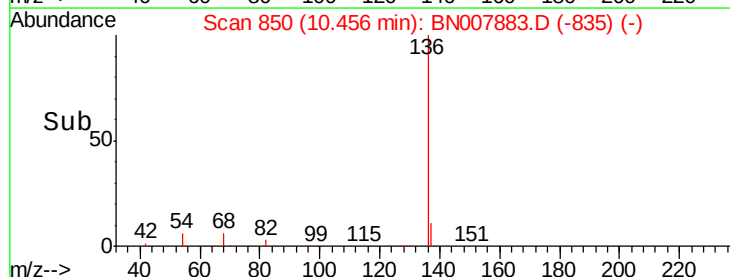
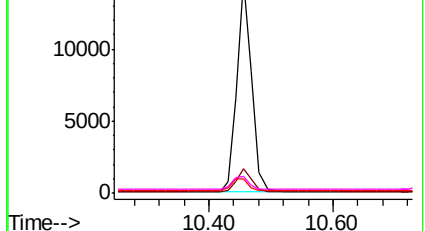


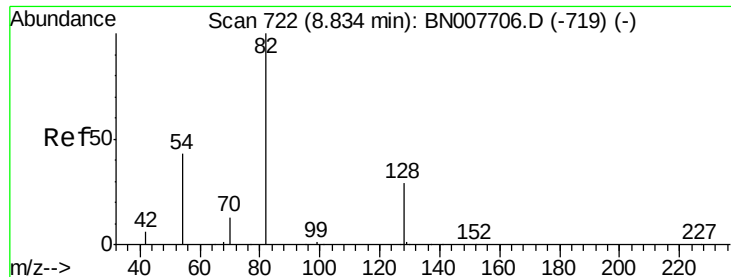
Abundance Ion 136.00 (135.70 to 136.70): BN007706.D (-846) (-)

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: 0.377 ng

RT: 8.82 min Scan# 721

Delta R.T. -0.01 min

Lab File: BN007883.D

Acq: 27 Sep 2019 12:18

Instrument :

BNA_N

ClientSampleId :

PB123288BL

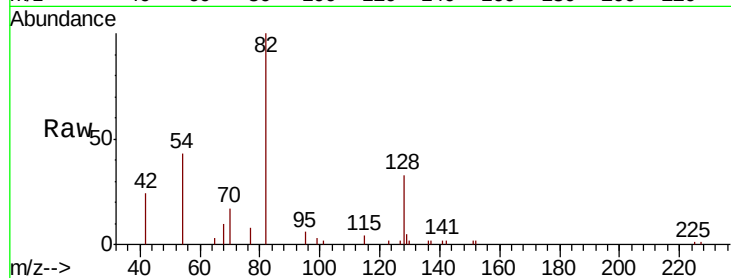
Tot Ion: 82 Resp: 8132

Ion Ratio Lower Upper

82 100

128 33.0 24.5 36.7

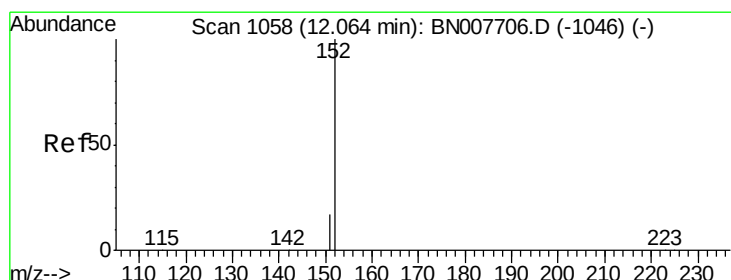
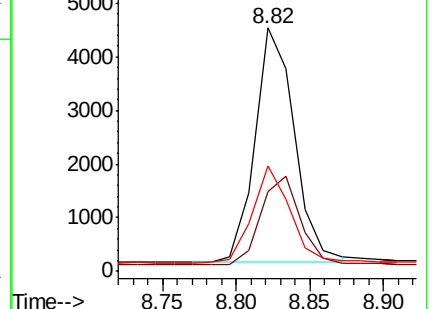
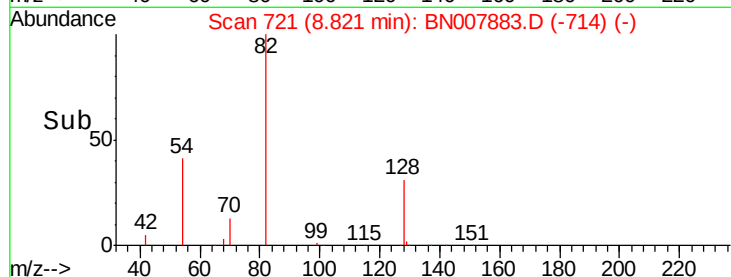
54 43.3 35.2 52.8



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: 0.357 ng

RT: 12.05 min Scan# 1055

Delta R.T. -0.01 min

Lab File: BN007883.D

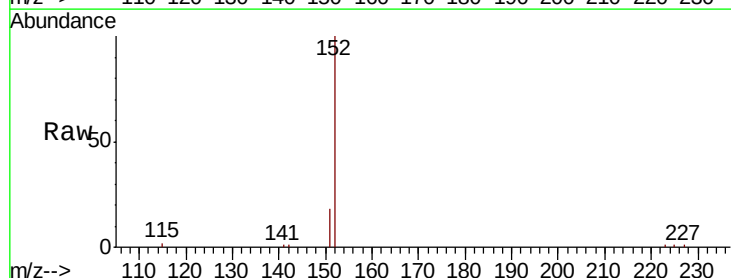
Acq: 27 Sep 2019 12:18

Tgt Ion: 152 Resp: 14803

Ion Ratio Lower Upper

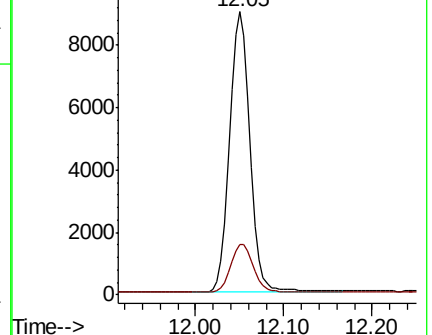
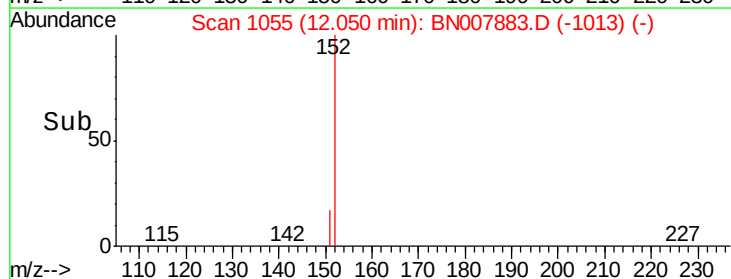
152 100

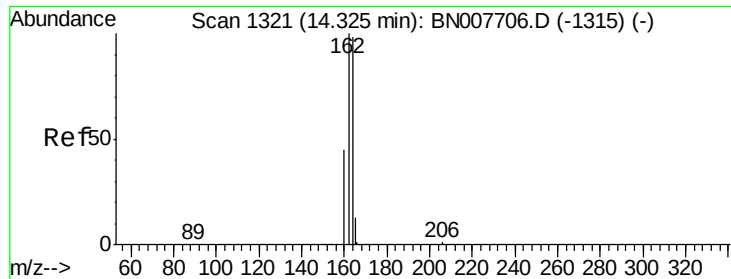
151 19.0 15.4 23.2



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# 1319

Delta R.T. -0.02 min

Lab File: BN007883.D

Acq: 27 Sep 2019 12:18

Instrument :

BNA_N

ClientSampleId :

PB123288BL

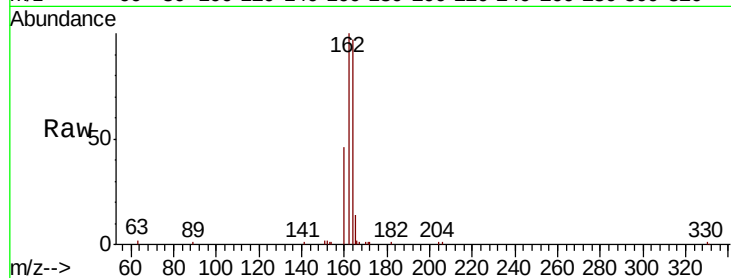
Tot Ion:164 Resp: 14928

Ion Ratio Lower Upper

164 100

162 102.6 81.7 122.5

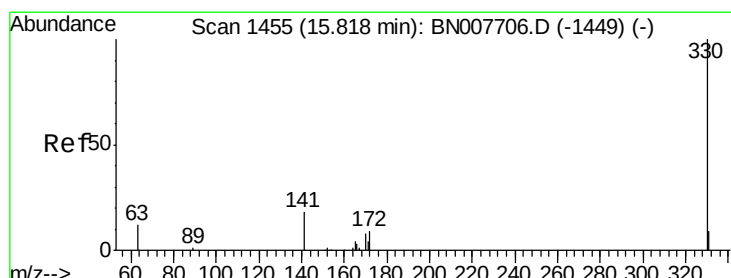
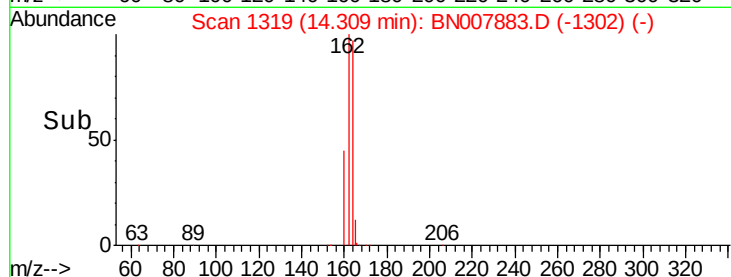
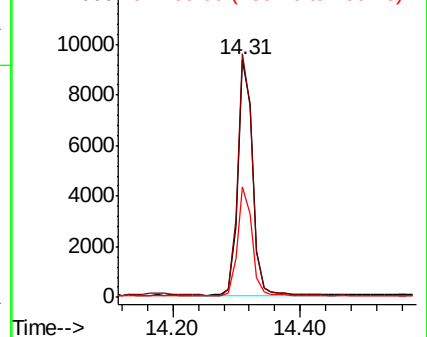
160 46.8 37.0 55.4



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: 0.313 ng

RT: 15.80 min Scan# 1453

Delta R.T. -0.02 min

Lab File: BN007883.D

Acq: 27 Sep 2019 12:18

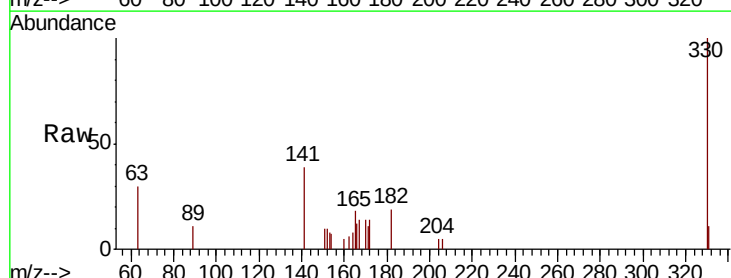
Tgt Ion:330 Resp: 2541

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

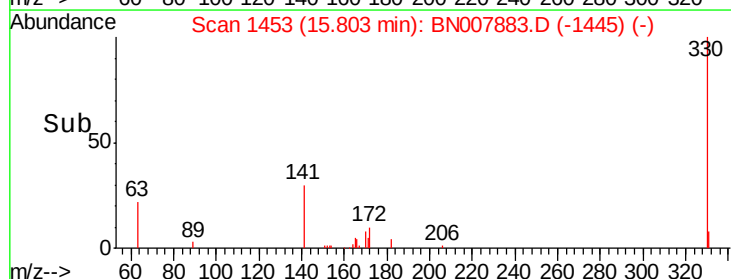
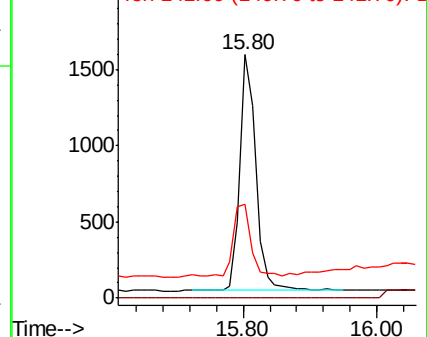
141 32.9 28.7 43.1

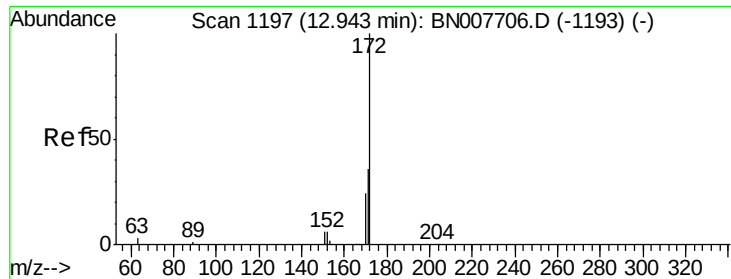


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

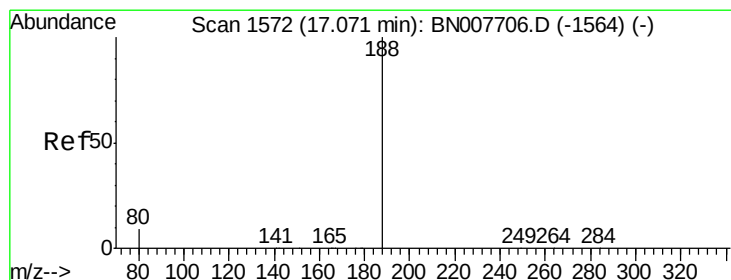
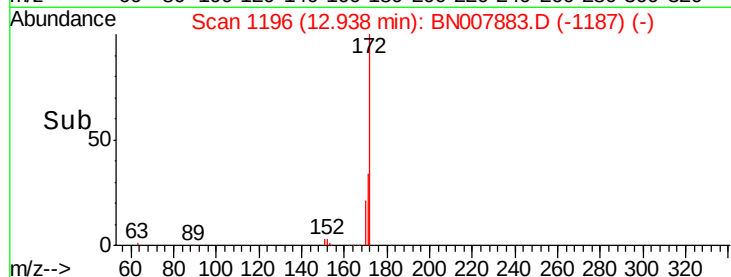
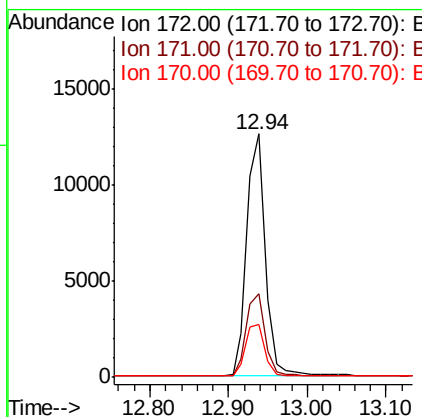
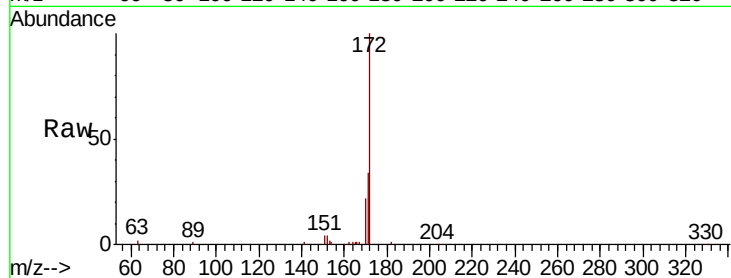




#15
2-Fluorobiphenyl
Concen: 0.337 ng
RT: 12.94 min Scan# 1196
Delta R.T. -0.00 min
Lab File: BN007883.D
Acq: 27 Sep 2019 12:18

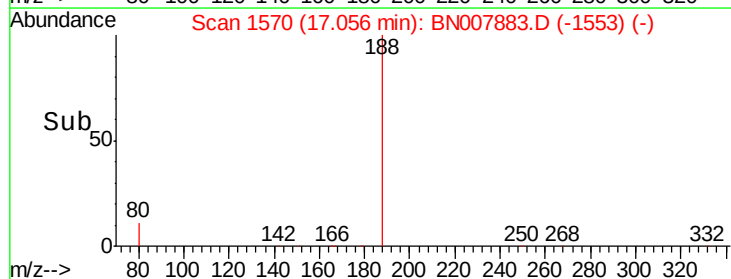
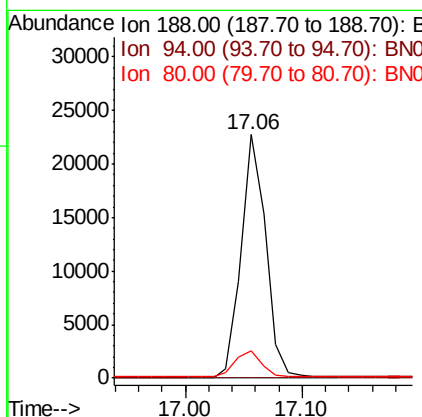
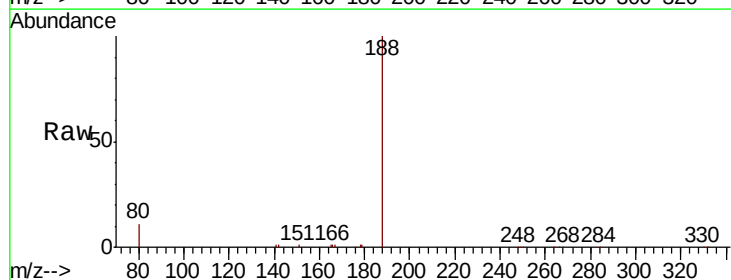
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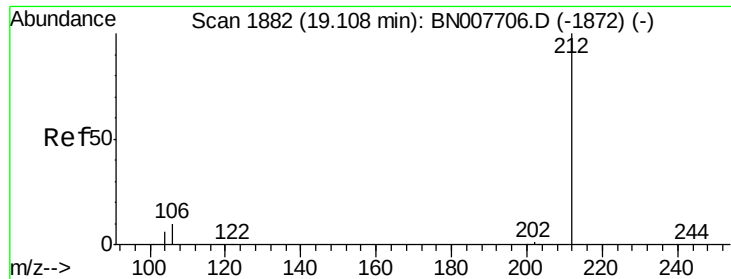
Tot Ion:172 Resp: 20747
Ion Ratio Lower Upper
172 100
171 34.5 28.8 43.2
170 21.5 19.5 29.3



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.06 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BN007883.D
Acq: 27 Sep 2019 12:18

Tgt Ion:188 Resp: 32856
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.4 7.4 11.2#





#25

Fluoranthene-d10

Concen: 0.353 ng

RT: 19.09 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BN007883.D

Acq: 27 Sep 2019 12:18

Instrument :

BNA_N

ClientSampleId :

PB123288BL

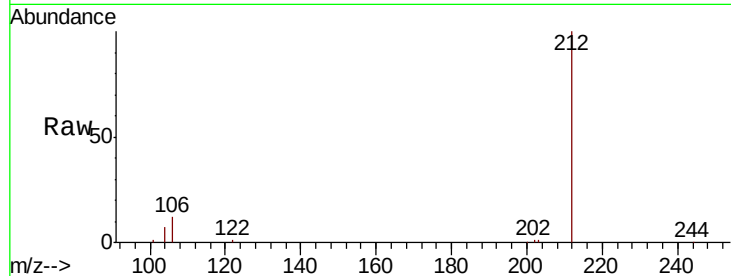
Tot Ion:212 Resp: 39142

Ion Ratio Lower Upper

212 100

106 11.3 9.4 14.0

104 6.6 5.3 7.9

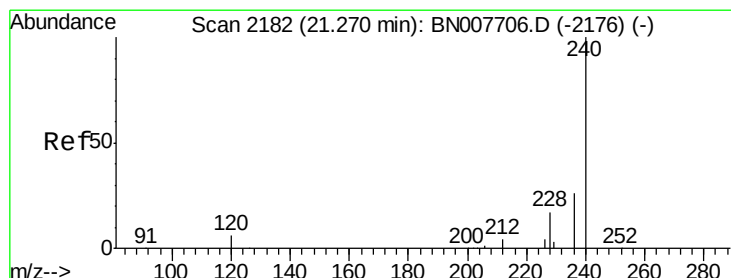
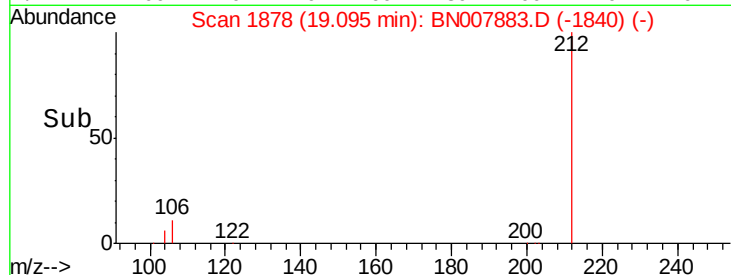
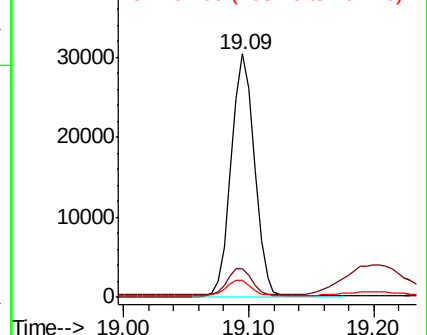


Abundance

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# 2180

Delta R.T. -0.01 min

Lab File: BN007883.D

Acq: 27 Sep 2019 12:18

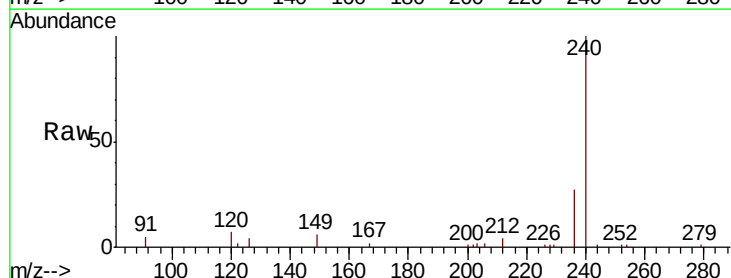
Tgt Ion:240 Resp: 33910

Ion Ratio Lower Upper

240 100

120 6.8 5.4 8.2

236 26.5 21.0 31.4

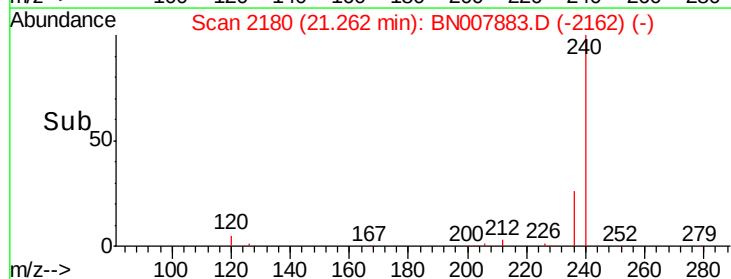
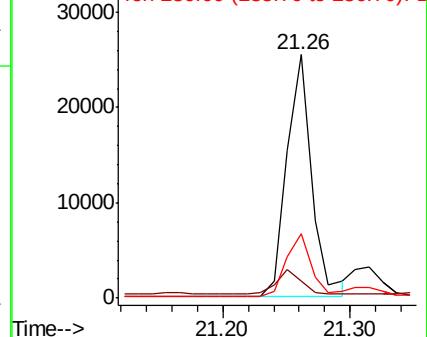


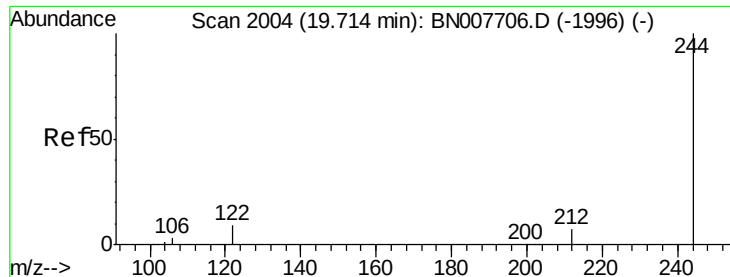
Abundance

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: 0.396 ng

RT: 19.70 min Scan# 2000

Delta R.T. -0.01 min

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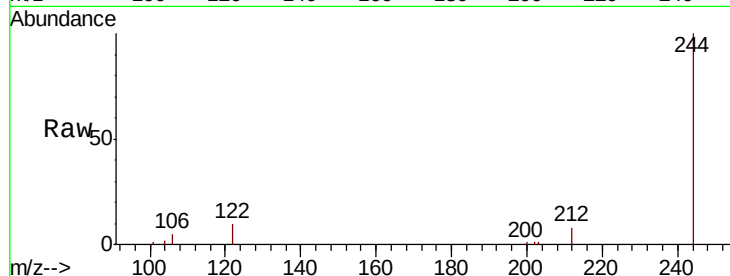
Tot Ion:244 Resp: 32961

Ion Ratio Lower Upper

244 100

212 7.5 5.9 8.9

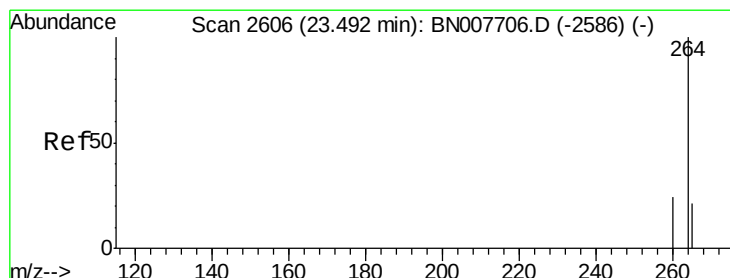
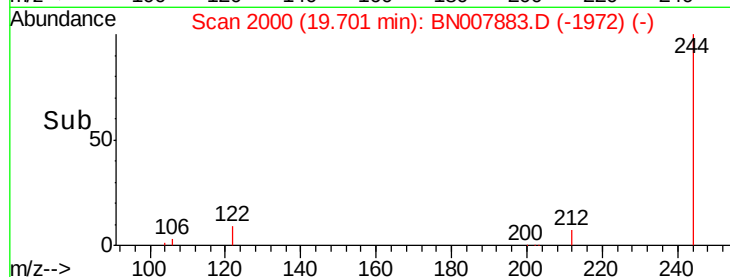
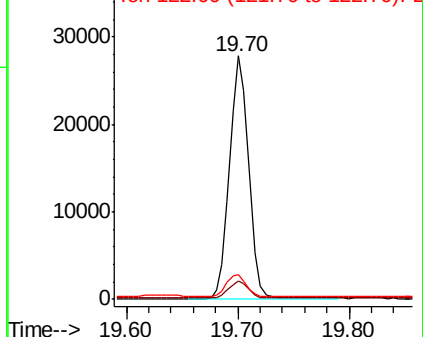
122 10.4 7.4 11.2



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# 2601

Delta R.T. -0.01 min

Lab File: BN007883.D

Acq: 27 Sep 2019 12:18

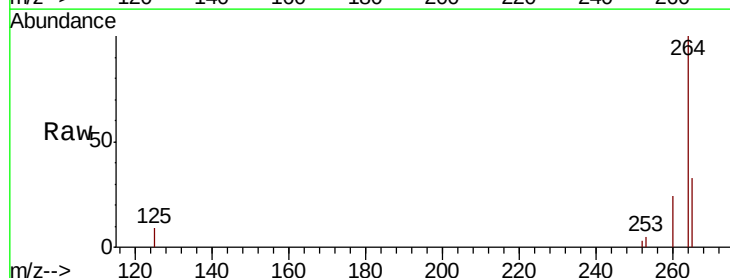
Tgt Ion:264 Resp: 35963

Ion Ratio Lower Upper

264 100

260 24.5 19.3 28.9

265 33.1 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

