

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092519\
 Data File : BN007855.D
 Acq On : 25 Sep 2019 15:48
 Operator : JU
 Sample : PB123269BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB123269BL

Quant Time: Sep 26 09:06:47 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	9031	0.40	ng	0.00
7) Naphthalene-d8	10.46	136	33263	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	18009	0.40	ng	-0.01
19) Phenanthrene-d10	17.06	188	35361	0.40	ng	-0.01
27) Chrysene-d12	21.26	240	24607	0.40	ng	-0.01
34) Perylene-d12	23.47	264	26520	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.31	112	7899	0.25	ng	0.00
5) Phenol-d6	6.87	99	9487	0.24	ng	0.00
8) Nitrobenzene-d5	8.83	82	8414	0.29	ng	0.00
11) 2-Methylnaphthalene-d10	12.05	152	19068	0.34	ng	-0.01
14) 2,4,6-Tribromophenol	15.81	330	1404	0.14	ng	-0.01
15) 2-Fluorobiphenyl	12.93	172	25318	0.34	ng	-0.01
25) Fluoranthene-d10	19.09	212	33294	0.28	ng	-0.01
29) Terphenyl-d14	19.70	244	26690	0.44	ng	-0.01

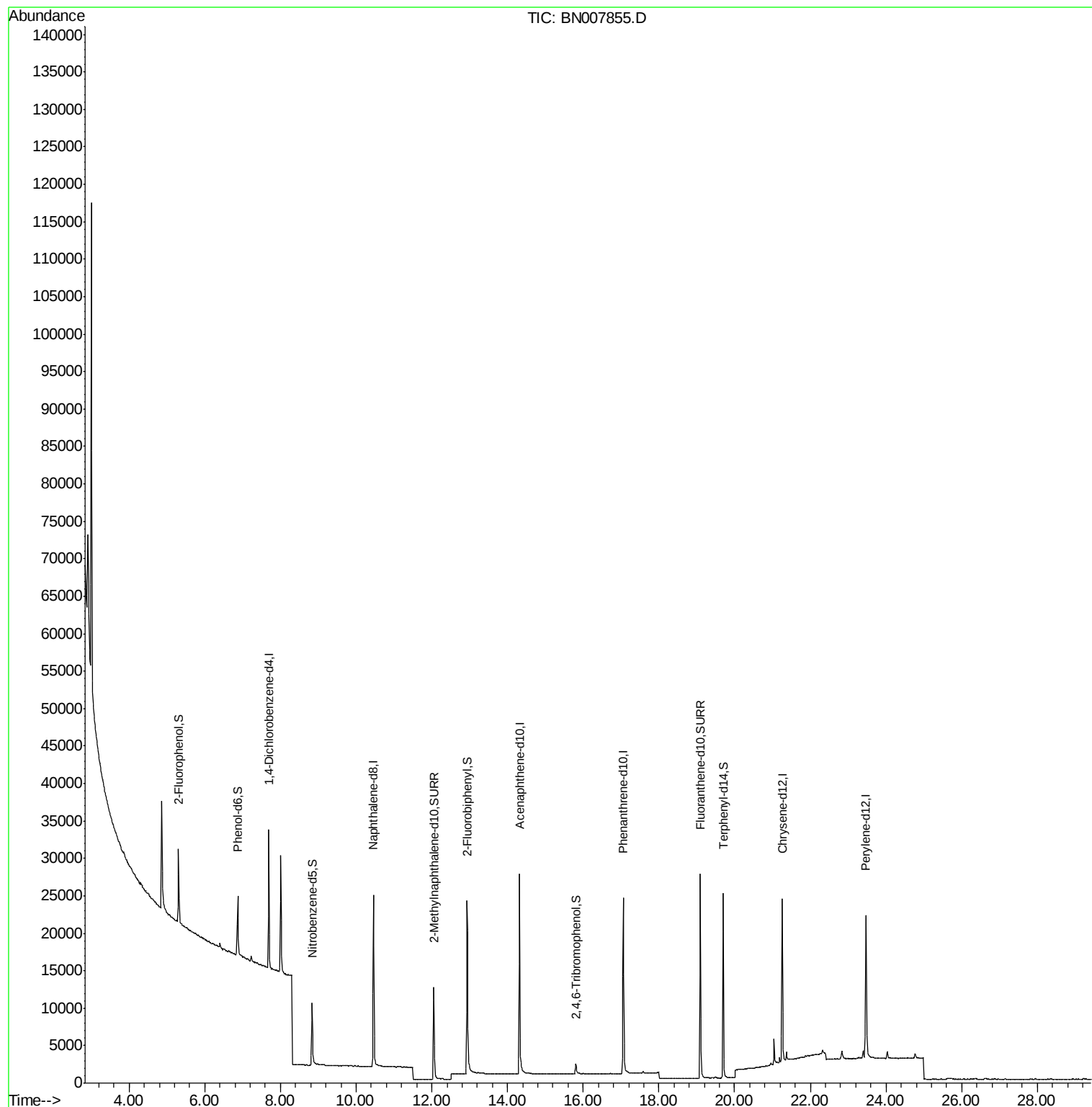
Target Compounds	Qvalue

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

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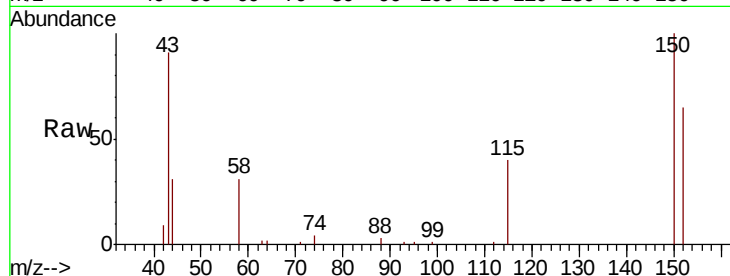


#1

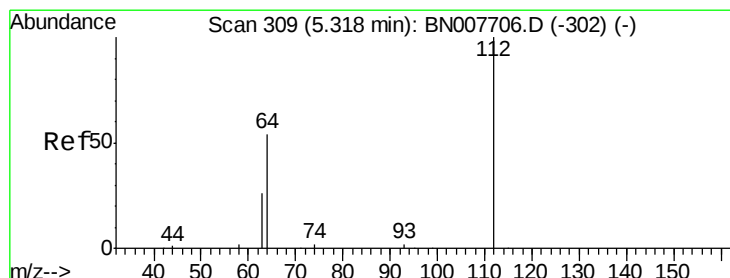
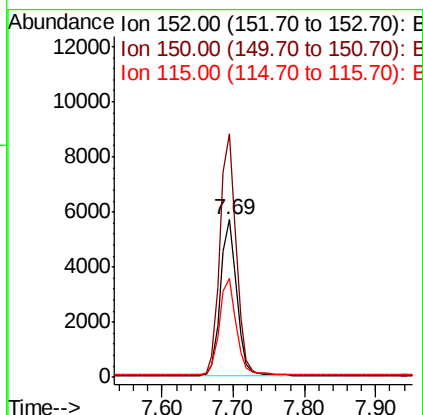
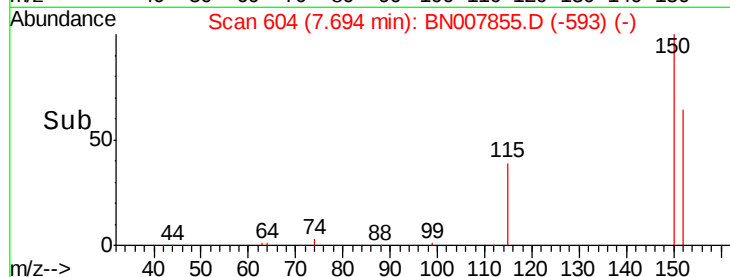
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 604
Delta R.T. -0.01 min
Lab File: BN007855.D
Acq: 25 Sep 2019 15:48

Instrument :
BNA_N
ClientSampleId :
PB123269BL

Tot Ion:152 Resp: 9031
Ion Ratio Lower Upper
152 100
150 154.6 125.6 188.4
115 62.5 53.3 79.9



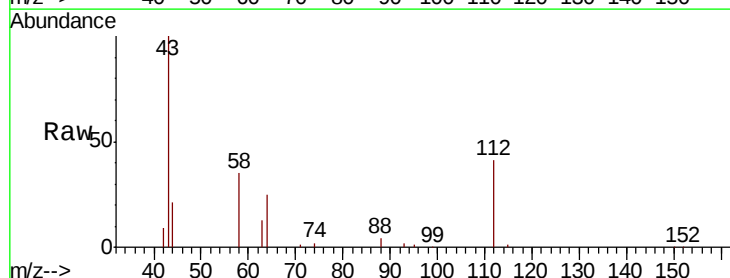
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



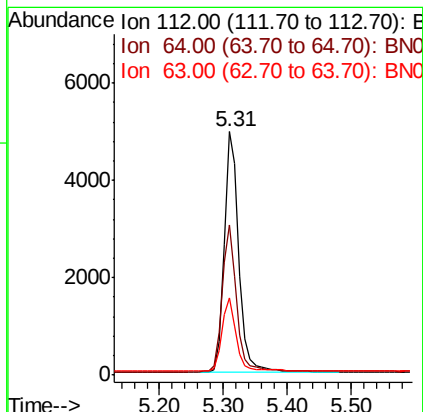
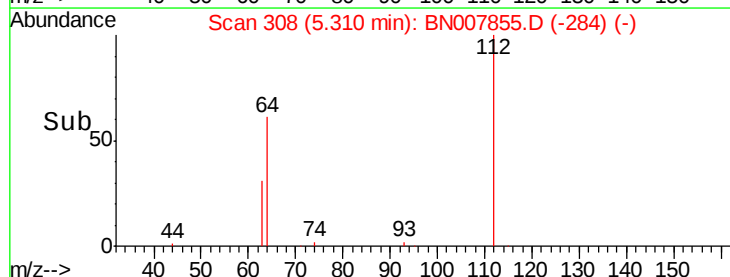
#4

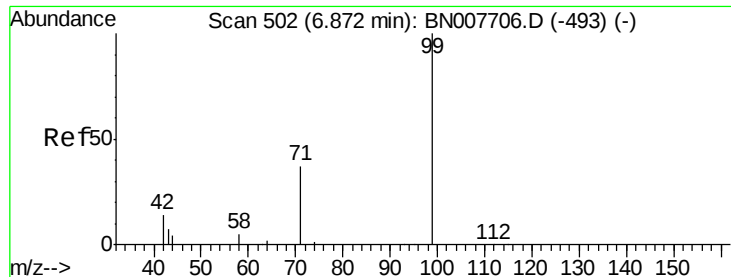
2-Fluorophenol
Concen: 0.254 ng
RT: 5.31 min Scan# 308
Delta R.T. -0.01 min
Lab File: BN007855.D
Acq: 25 Sep 2019 15:48

Tgt Ion:112 Resp: 7899
Ion Ratio Lower Upper
112 100
64 59.5 46.6 70.0
63 29.6 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: 0.242 ng

RT: 6.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BN007855.D

Acq: 25 Sep 2019 15:48

Instrument :

BNA_N

ClientSampleId :

PB123269BL

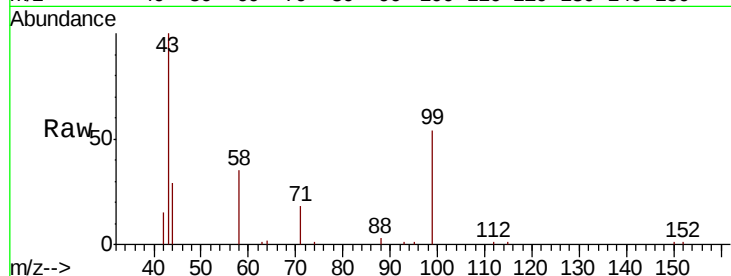
Tot Ion: 99 Resp: 9487

Ion Ratio Lower Upper

99 100

42 14.5 12.8 19.2

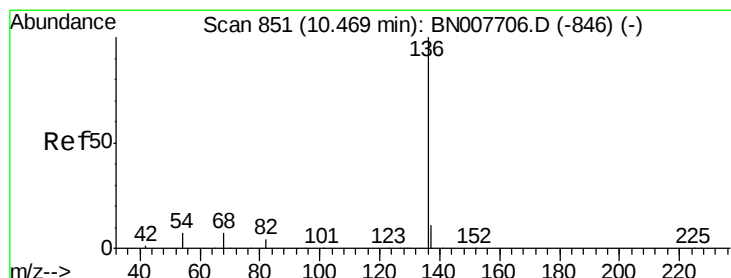
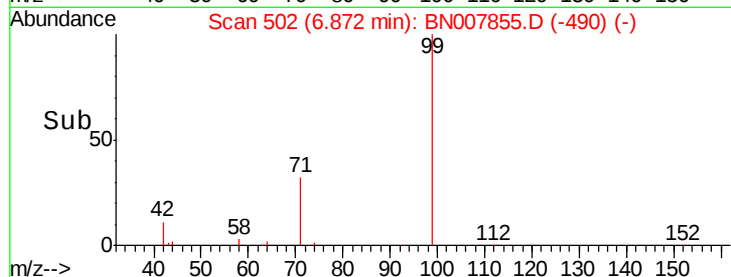
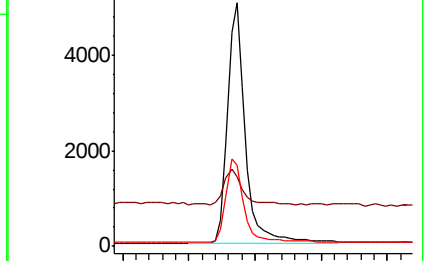
71 35.3 27.6 41.4



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: BN007855.D

Acq: 25 Sep 2019 15:48

Tgt Ion: 136 Resp: 33263

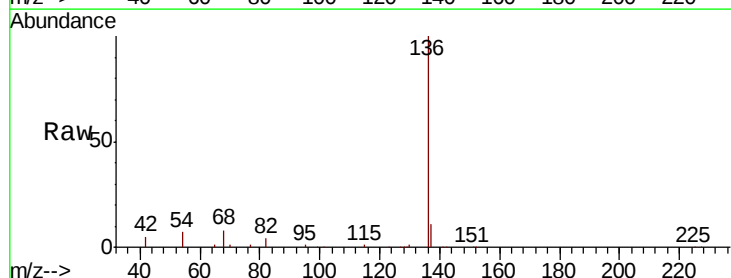
Ion Ratio Lower Upper

136 100

137 11.2 9.2 13.8

54 7.3 5.8 8.8

68 7.9 6.5 9.7

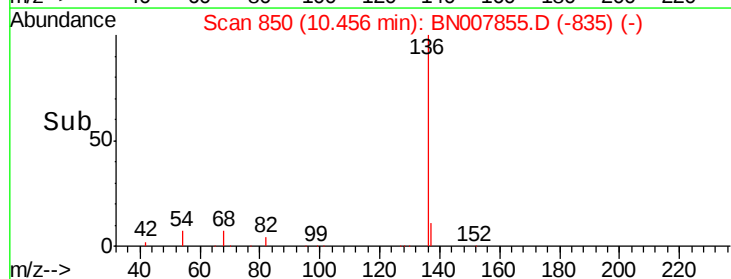
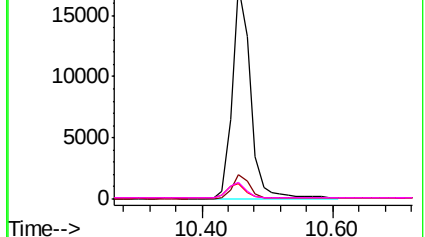


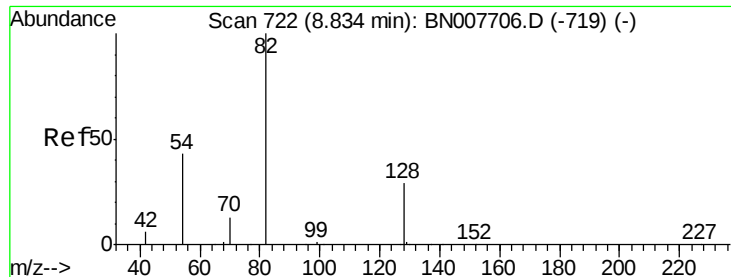
Abundance Ion 136.00 (135.70 to 136.70): BN007706.D (-846) (-)

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: 0.289 ng

RT: 8.83 min Scan# 722

Delta R.T. 0.00 min

Lab File: BN007855.D

Acq: 25 Sep 2019 15:48

Instrument :

BNA_N

ClientSampleId :

PB123269BL

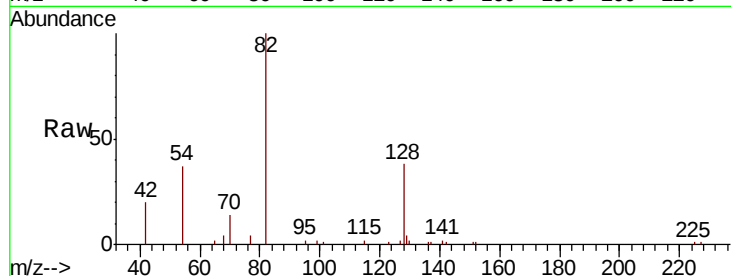
Tot Ion: 82 Resp: 8414

Ion Ratio Lower Upper

82 100

128 38.3 24.5 36.7#

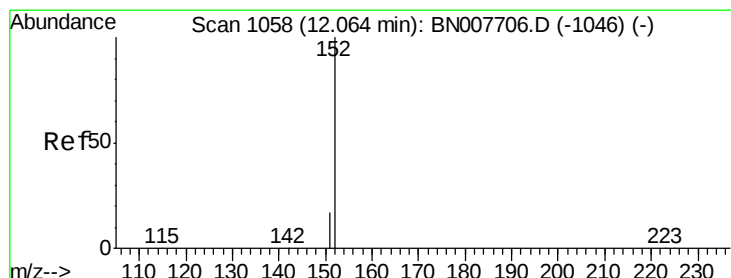
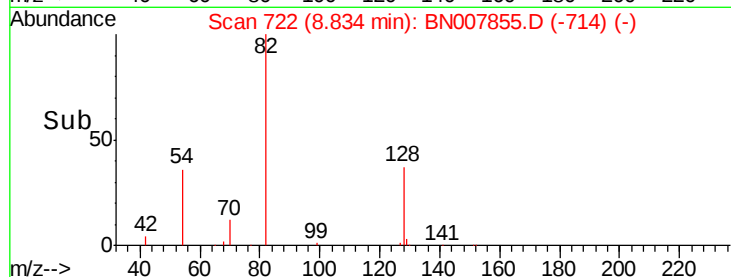
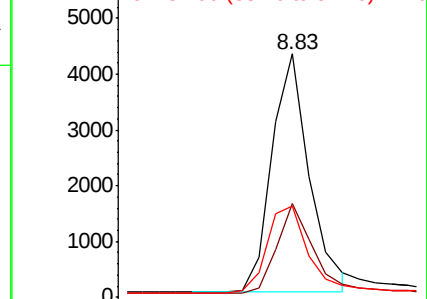
54 37.2 35.2 52.8



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: 0.340 ng

RT: 12.05 min Scan# 1055

Delta R.T. -0.01 min

Lab File: BN007855.D

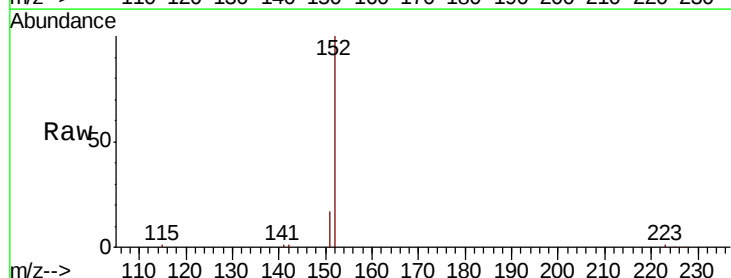
Acq: 25 Sep 2019 15:48

Tgt Ion: 152 Resp: 19068

Ion Ratio Lower Upper

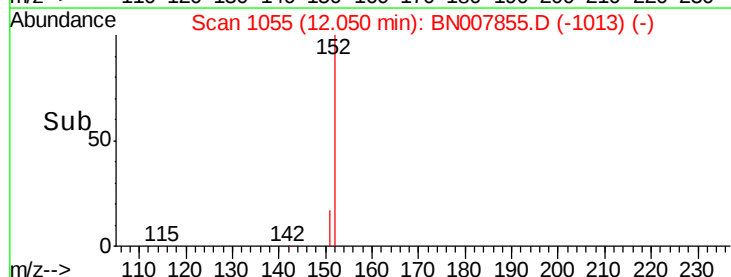
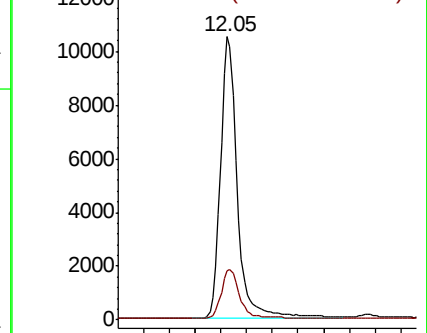
152 100

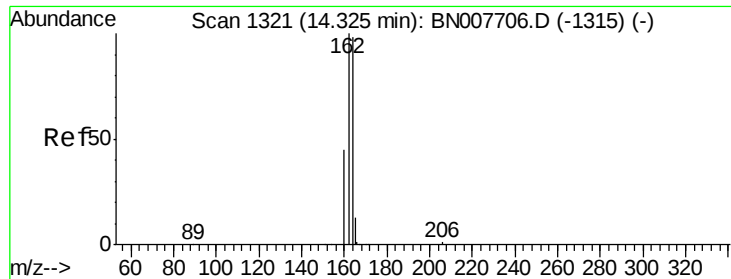
151 19.1 15.4 23.2



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: BN007855.D

Acq: 25 Sep 2019 15:48

Instrument :

BNA_N

ClientSampled :

PB123269BL

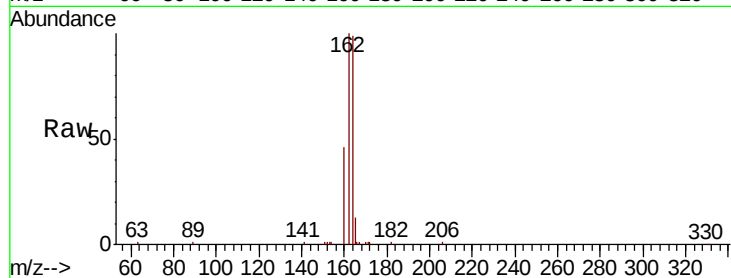
Tot Ion:164 Resp: 18009

Ion Ratio Lower Upper

164 100

162 101.1 81.7 122.5

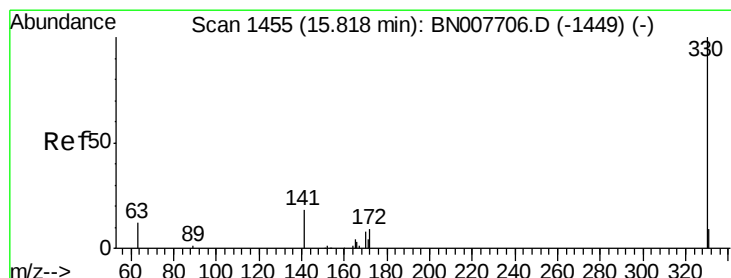
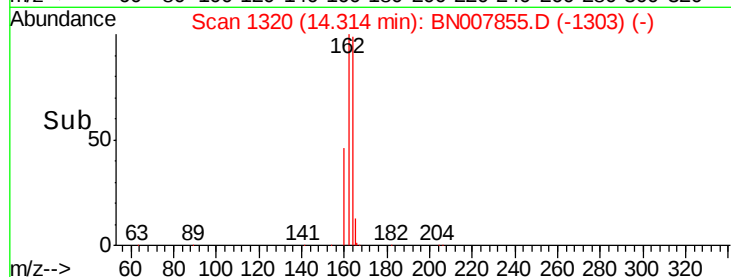
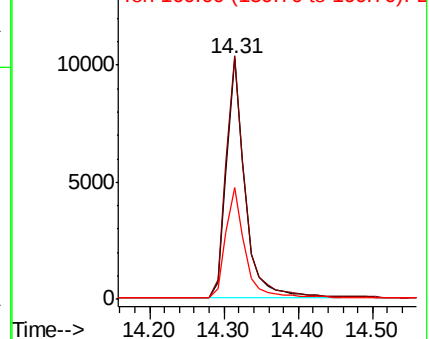
160 46.4 37.0 55.4



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: 0.143 ng

RT: 15.81 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BN007855.D

Acq: 25 Sep 2019 15:48

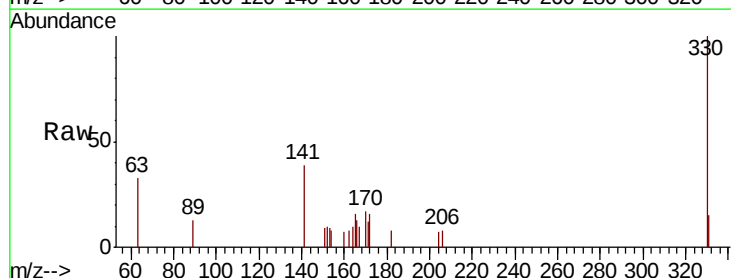
Tgt Ion:330 Resp: 1404

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

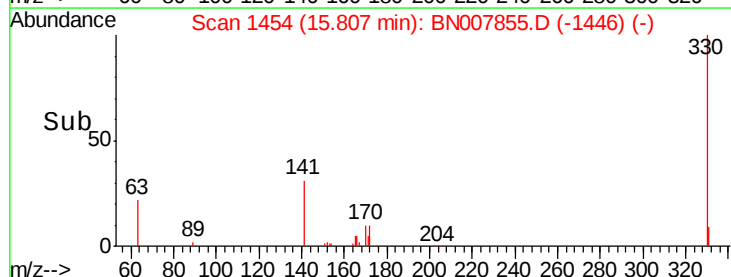
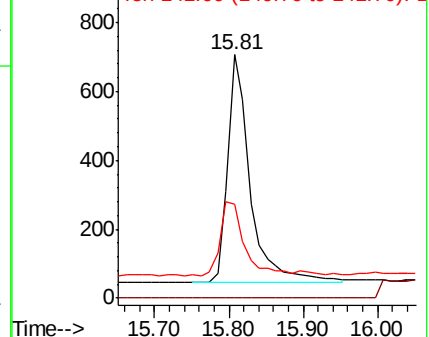
141 34.2 28.7 43.1

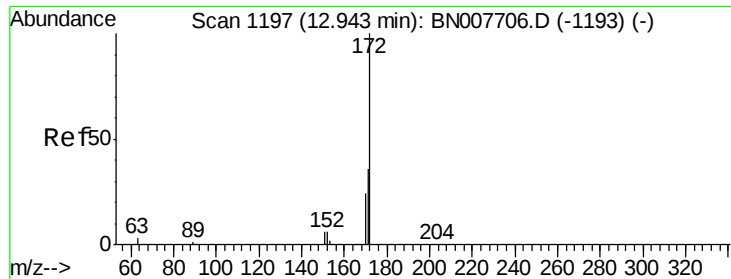


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

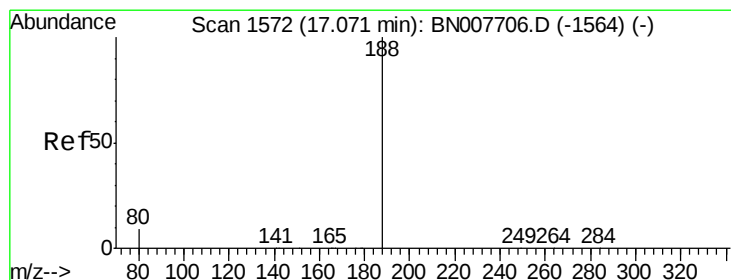
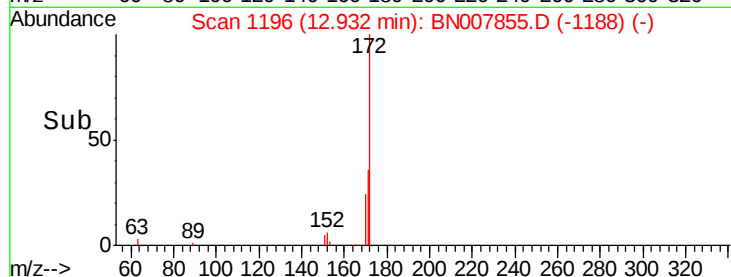
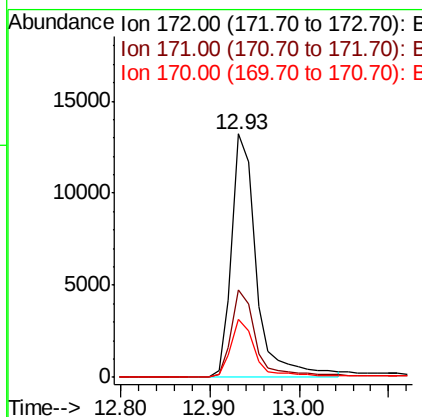
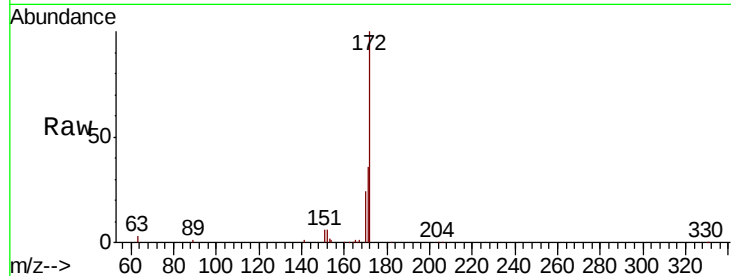




#15
2-Fluorobiphenyl
Concen: 0.341 ng
RT: 12.93 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BN007855.D
Acq: 25 Sep 2019 15:48

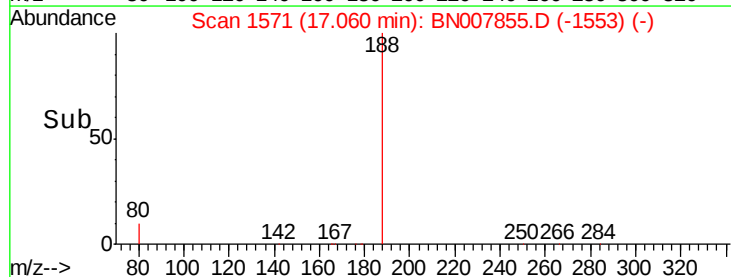
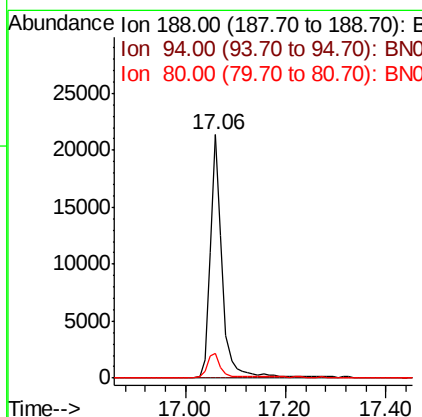
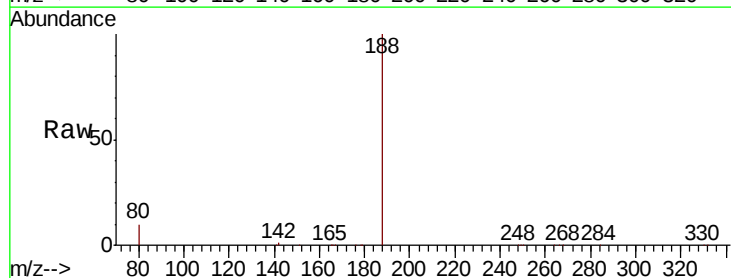
Instrument :
BNA_N
ClientSampleId :
PB123269BL

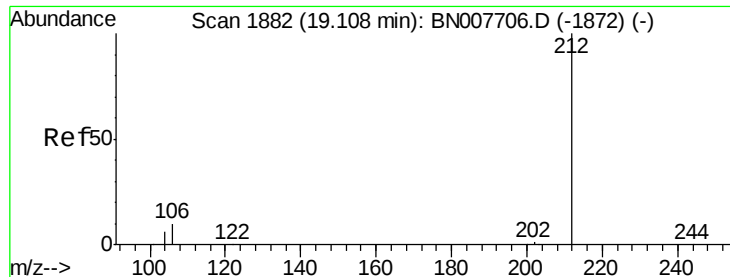
Tot Ion:172 Resp: 25318
Ion Ratio Lower Upper
172 100
171 35.8 28.8 43.2
170 23.9 19.5 29.3



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.06 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BN007855.D
Acq: 25 Sep 2019 15:48

Tgt Ion:188 Resp: 35361
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.0 7.4 11.2

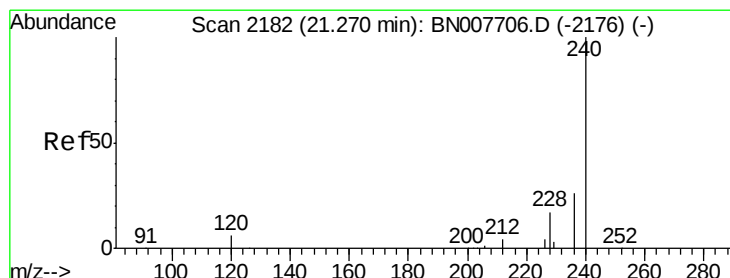
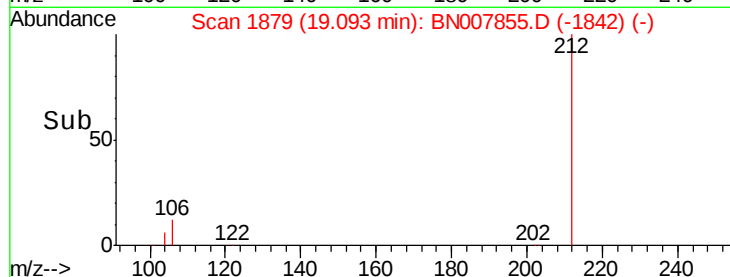
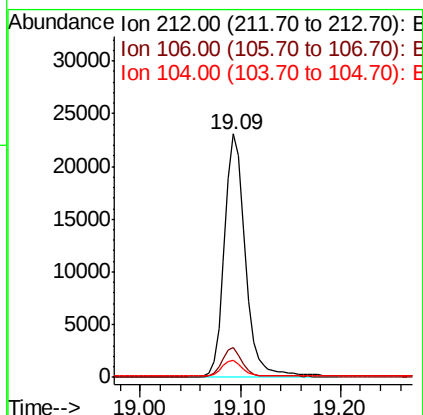
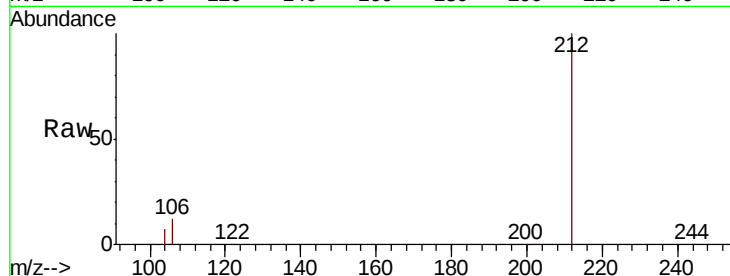




#25
 Fluoranthene-d10
 Concen: 0.279 ng
 RT: 19.09 min Scan# 1879
 Delta R.T. -0.01 min
 Lab File: BN007855.D
 Acq: 25 Sep 2019 15:48

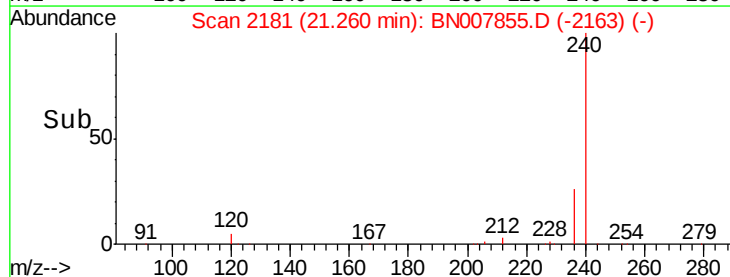
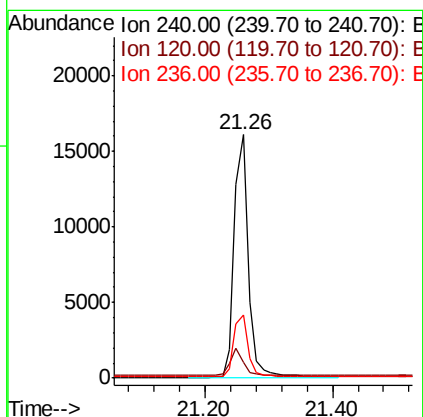
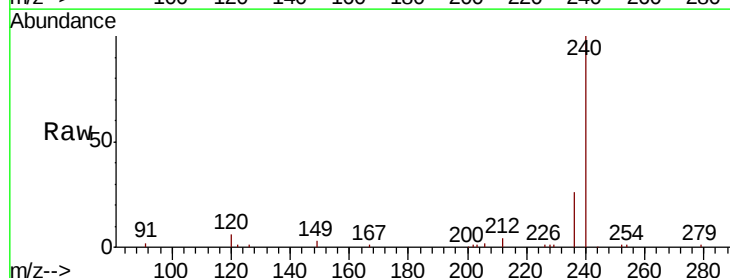
Instrument :
 BNA_N
 ClientSampleId :
 PB123269BL

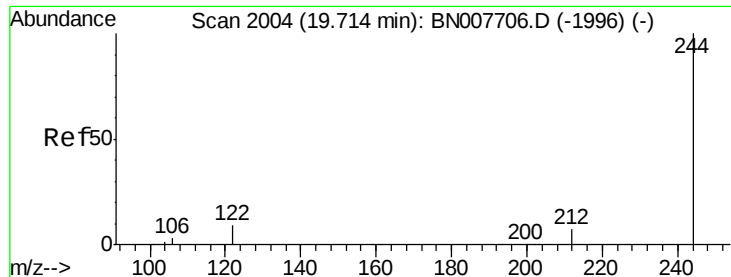
Tot Ion:212 Resp: 33294
 Ion Ratio Lower Upper
 212 100
 106 11.8 9.4 14.0
 104 6.4 5.3 7.9



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.26 min Scan# 2181
 Delta R.T. -0.01 min
 Lab File: BN007855.D
 Acq: 25 Sep 2019 15:48

Tgt Ion:240 Resp: 24607
 Ion Ratio Lower Upper
 240 100
 120 6.5 5.4 8.2
 236 25.9 21.0 31.4





#29

Terphenyl-d14

Concen: 0.442 ng

RT: 19.70 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BN007855.D

Acq: 25 Sep 2019 15:48

Instrument :

BNA_N

ClientSampleId :

PB123269BL

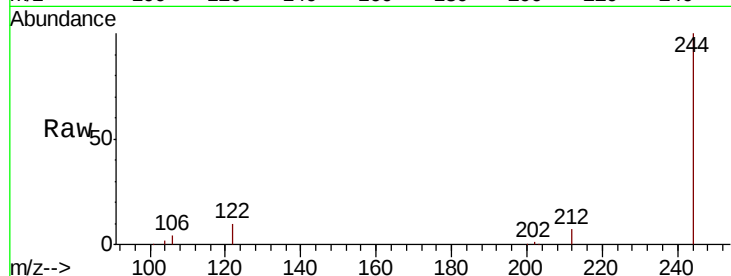
Tot Ion:244 Resp: 26690

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

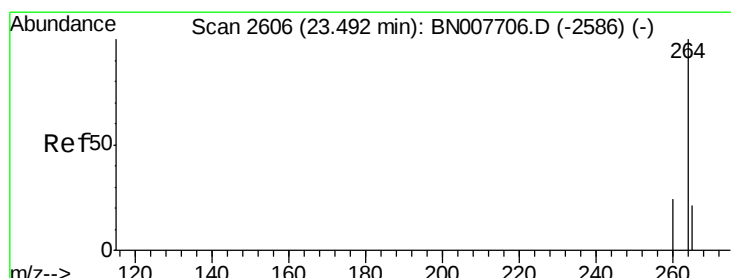
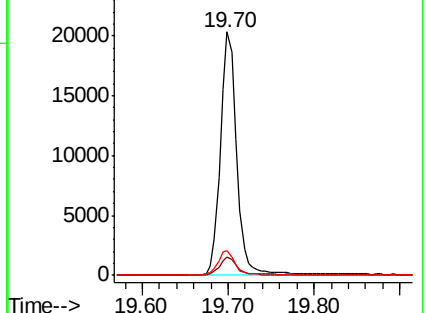
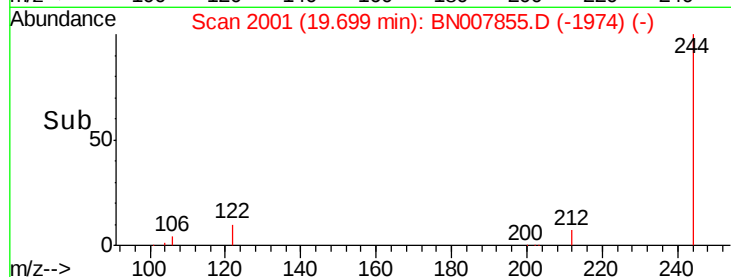
122 10.0 7.4 11.2



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: BN007855.D

Acq: 25 Sep 2019 15:48

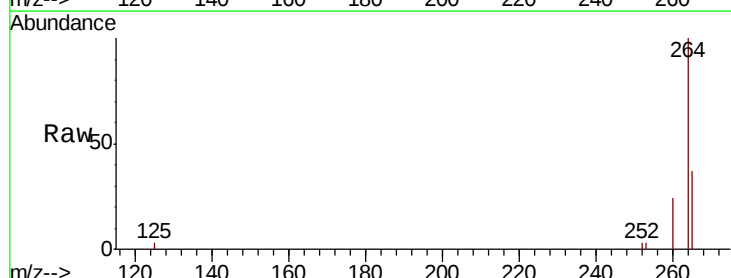
Tgt Ion:264 Resp: 26520

Ion Ratio Lower Upper

264 100

260 24.2 19.3 28.9

265 37.1 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

