

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100219\
 Data File : BN007982.D
 Acq On : 03 Oct 2019 01:04
 Operator : JU
 Sample : PB123477BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB123477BL

Quant Time: Oct 03 13:00:17 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	5216	0.40	ng	-0.02
7) Naphthalene-d8	10.46	136	22069	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	13594	0.40	ng	-0.02
19) Phenanthrene-d10	17.06	188	29120	0.40	ng	-0.01
27) Chrysene-d12	21.25	240	31968	0.40	ng	-0.02
34) Perylene-d12	23.46	264	34214	0.40	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.31	112	5325	0.30	ng	0.00
5) Phenol-d6	6.87	99	7540	0.34	ng	0.00
8) Nitrobenzene-d5	8.82	82	6101	0.32	ng	-0.01
11) 2-Methylnaphthalene-d10	12.05	152	12563	0.34	ng	-0.01
14) 2,4,6-Tribromophenol	15.80	330	2286	0.31	ng	-0.02
15) 2-Fluorobiphenyl	12.93	172	17393	0.31	ng	-0.02
25) Fluoranthene-d10	19.09	212	35931	0.37	ng	-0.02
29) Terphenyl-d14	19.70	244	29839	0.38	ng	-0.02

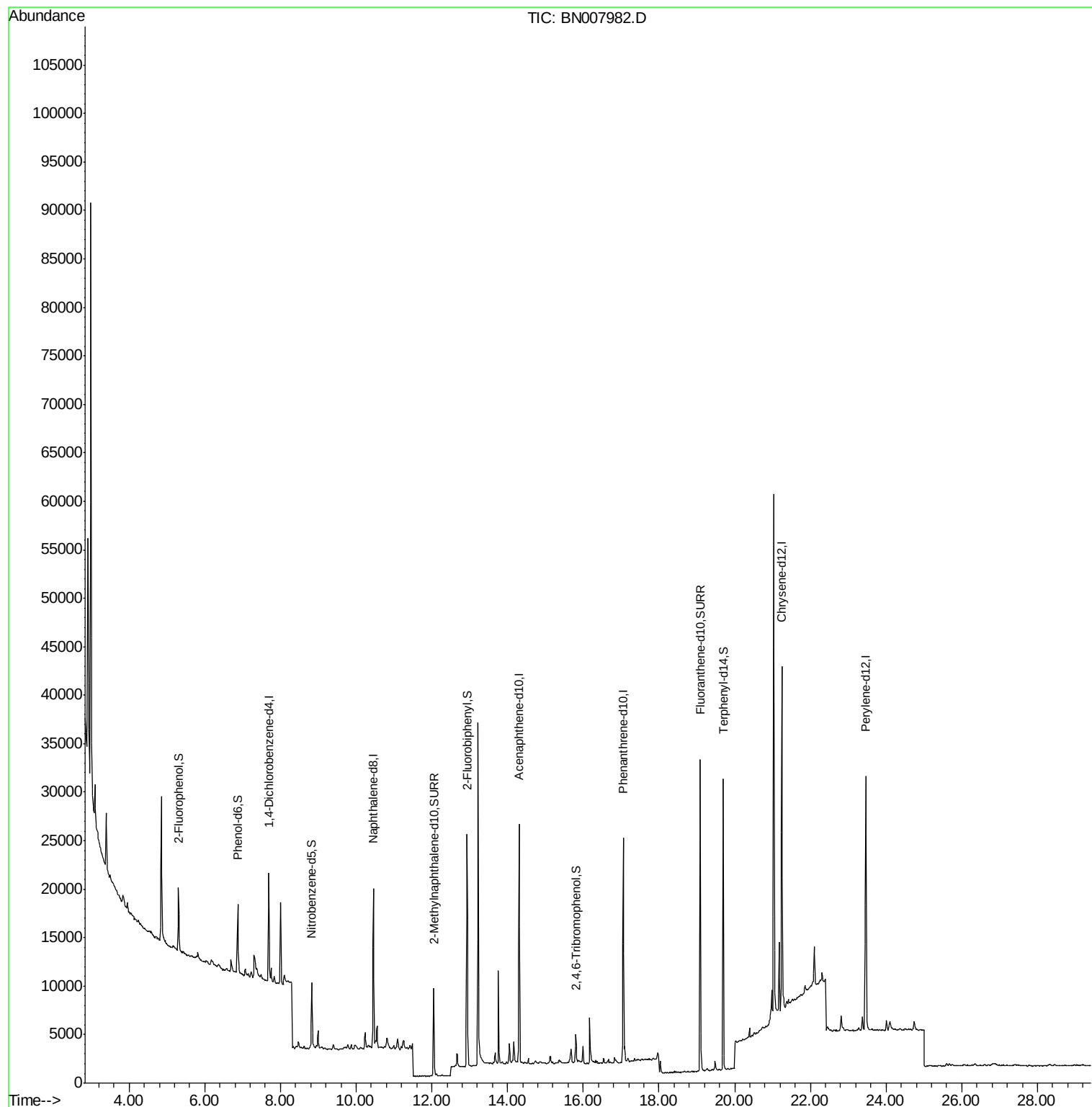
Target Compounds	Qvalue
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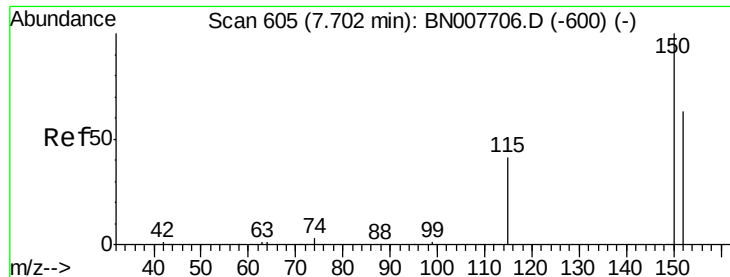
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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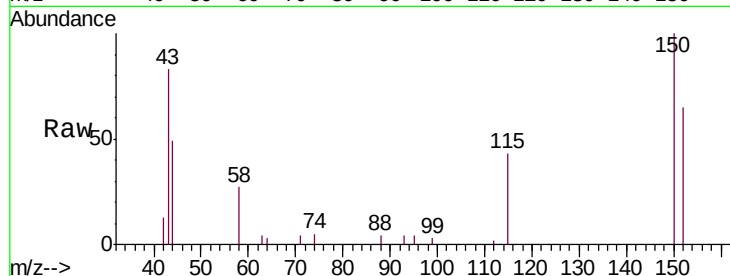


#1

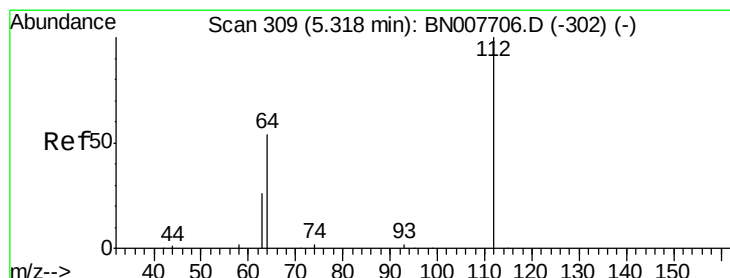
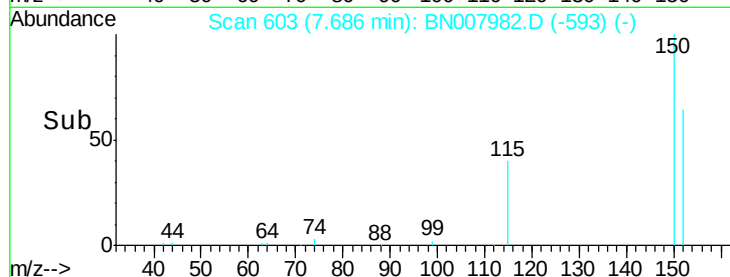
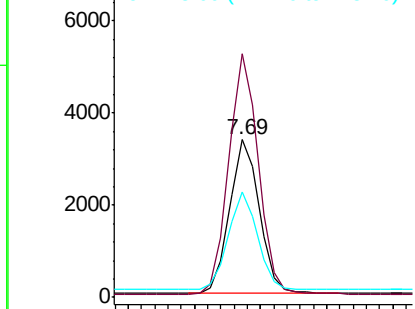
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 603
Delta R.T. -0.02 min
Lab File: BN007982.D
Acq: 03 Oct 2019 01:04

Instrument :
BNA_N
ClientSampleId :
PB123477BL

Tgt Ion:152 Resp: 5216
Ion Ratio Lower Upper
152 100
150 154.6 125.6 188.4
115 66.6 53.3 79.9



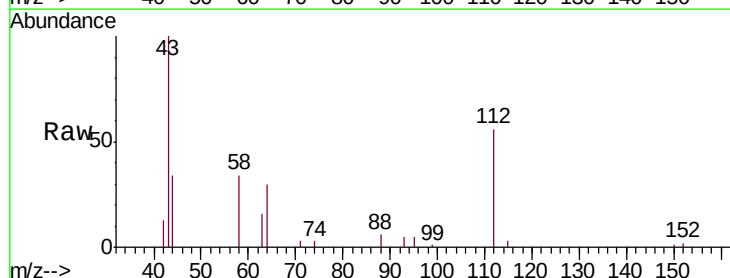
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



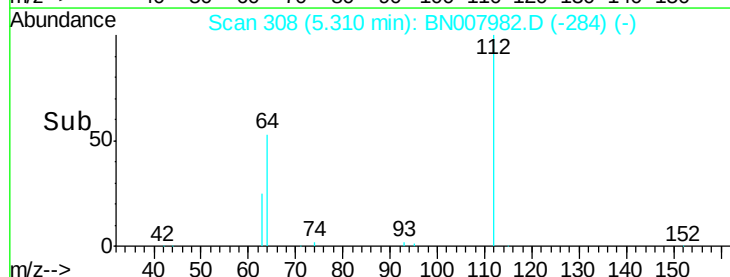
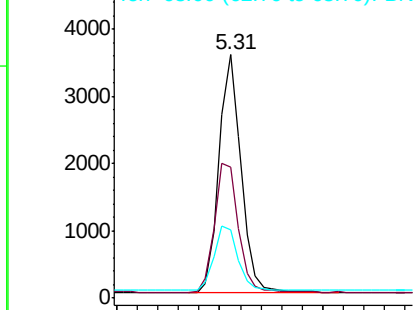
#4

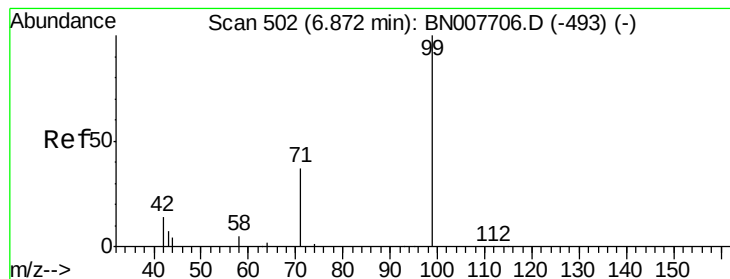
2-Fluorophenol
Concen: 0.297 ng
RT: 5.31 min Scan# 308
Delta R.T. -0.01 min
Lab File: BN007982.D
Acq: 03 Oct 2019 01:04

Tgt Ion:112 Resp: 5325
Ion Ratio Lower Upper
112 100
64 58.1 46.6 70.0
63 28.8 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: 0.336 ng

RT: 6.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BN007982.D

Acq: 03 Oct 2019 01:04

Instrument :

BNA_N

ClientSampleId :

PB123477BL

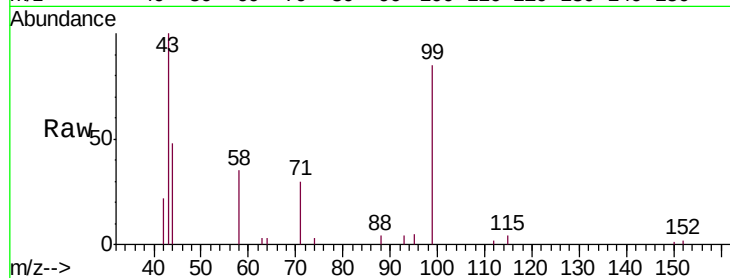
Tgt Ion: 99 Resp: 7540

Ion Ratio Lower Upper

99 100

42 16.2 12.8 19.2

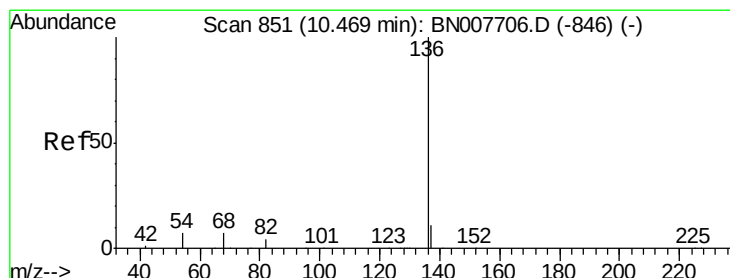
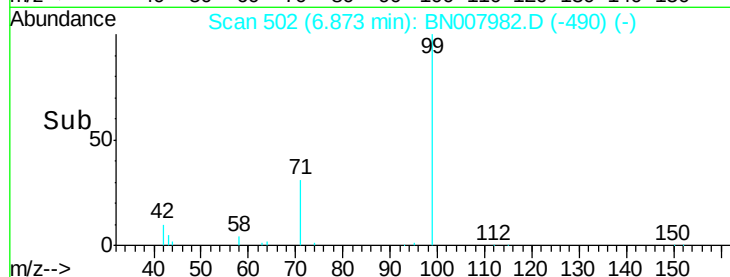
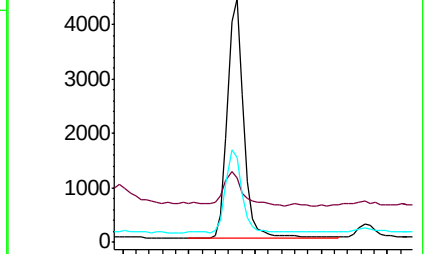
71 34.0 27.6 41.4



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: BN007982.D

Acq: 03 Oct 2019 01:04

Tgt Ion: 136 Resp: 22069

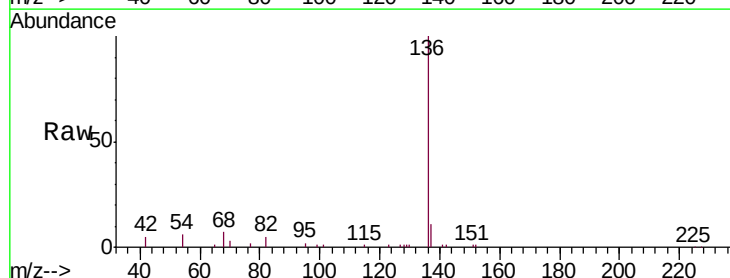
Ion Ratio Lower Upper

136 100

137 11.4 9.2 13.8

54 6.3 5.8 8.8

68 7.1 6.5 9.7

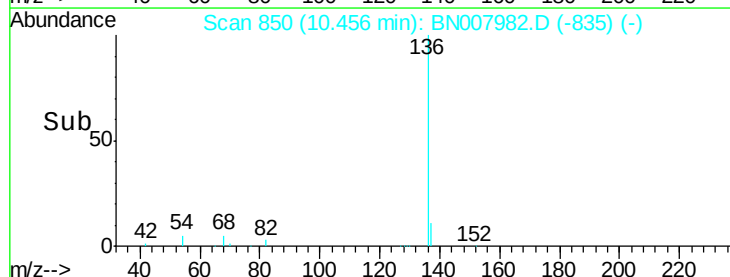
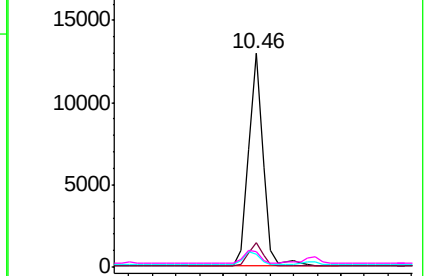


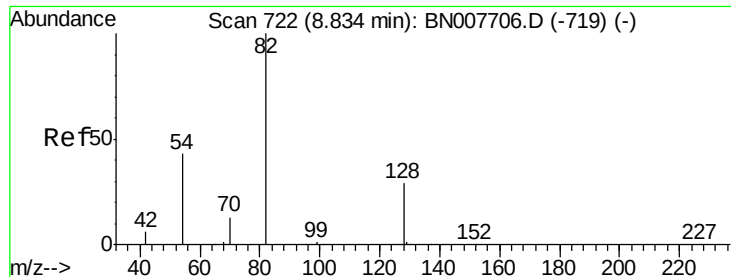
Abundance Ion 136.00 (135.70 to 136.70): BN007706.D (-846) (-)

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: 0.316 ng

RT: 8.82 min Scan# 721

Delta R.T. -0.01 min

Lab File: BN007982.D

Acq: 03 Oct 2019 01:04

Instrument :

BNA_N

ClientSampleId :

PB123477BL

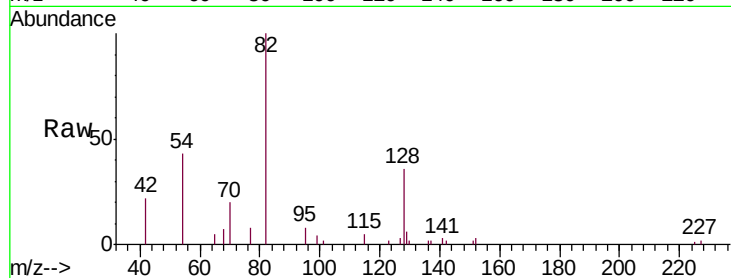
Tgt Ion: 82 Resp: 6101

Ion Ratio Lower Upper

82 100

128 35.6 24.5 36.7

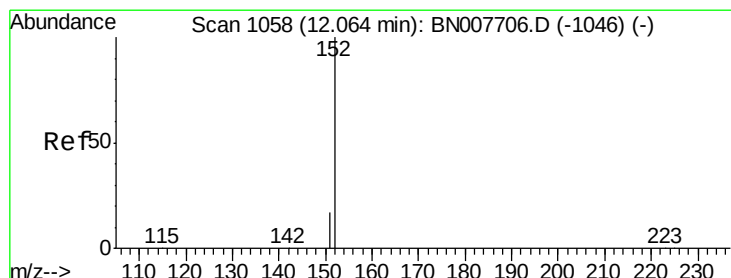
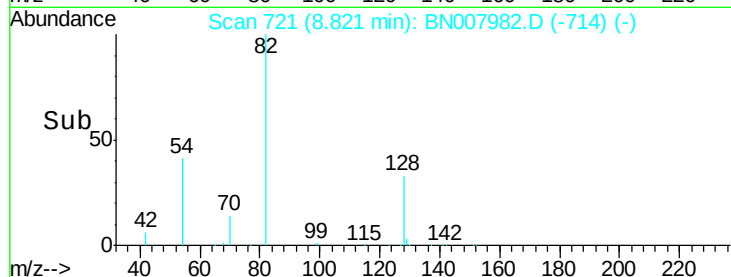
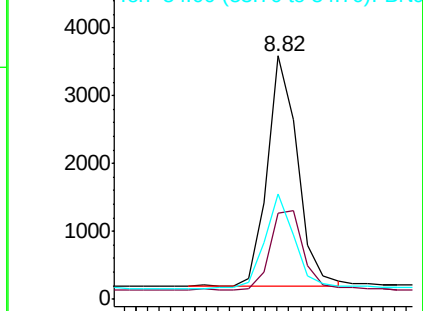
54 43.3 35.2 52.8



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: 0.338 ng

RT: 12.05 min Scan# 1055

Delta R.T. -0.01 min

Lab File: BN007982.D

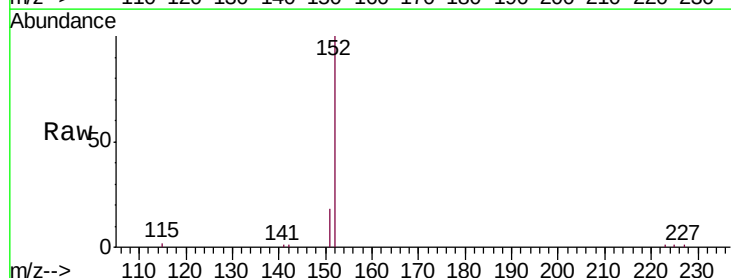
Acq: 03 Oct 2019 01:04

Tgt Ion: 152 Resp: 12563

Ion Ratio Lower Upper

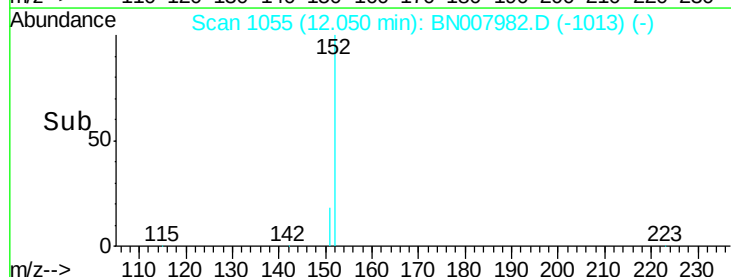
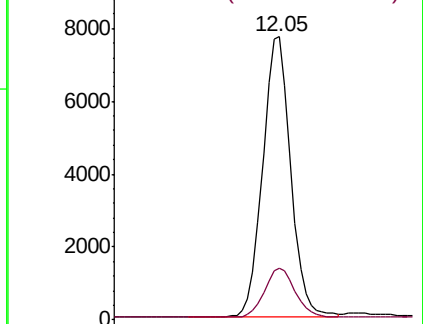
152 100

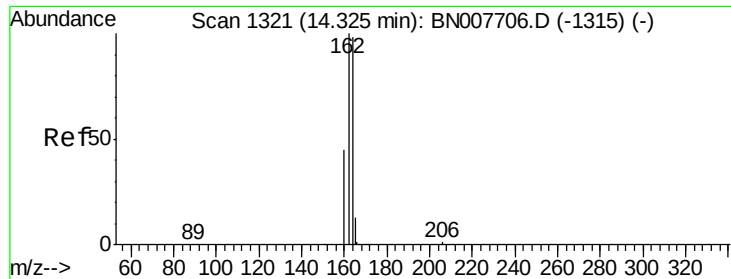
151 19.7 15.4 23.2



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: BN007982.D

Acq: 03 Oct 2019 01:04

Instrument :

BNA_N

ClientSampleId :

PB123477BL

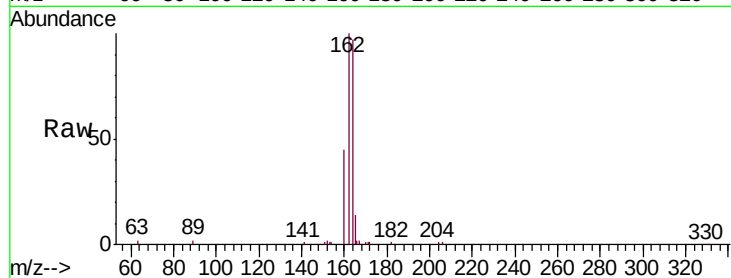
Tgt Ion:164 Resp: 13594

Ion Ratio Lower Upper

164 100

162 102.8 81.7 122.5

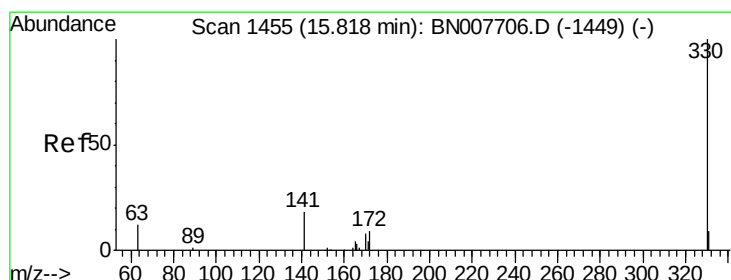
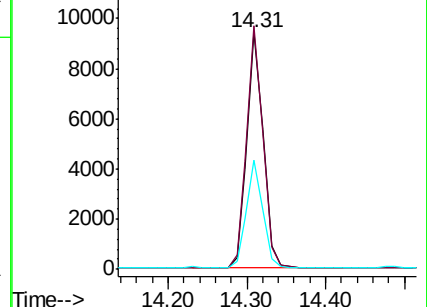
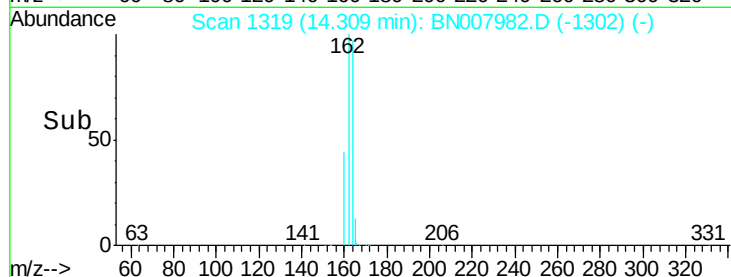
160 46.0 37.0 55.4



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: 0.309 ng

RT: 15.80 min Scan# 1453

Delta R.T. -0.02 min

Lab File: BN007982.D

Acq: 03 Oct 2019 01:04

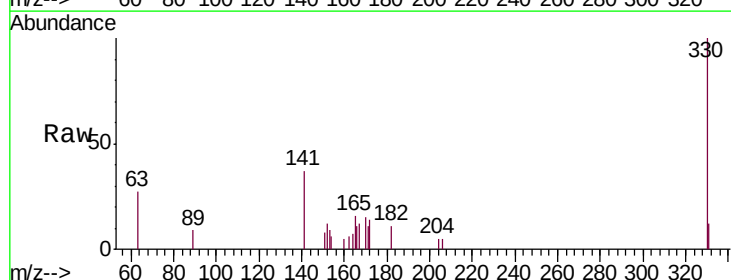
Tgt Ion:330 Resp: 2286

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

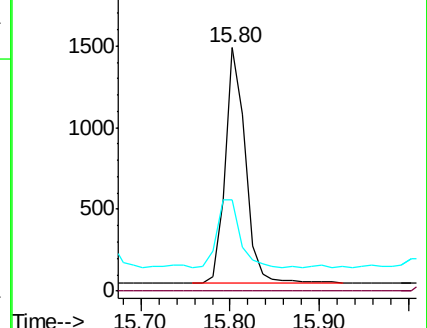
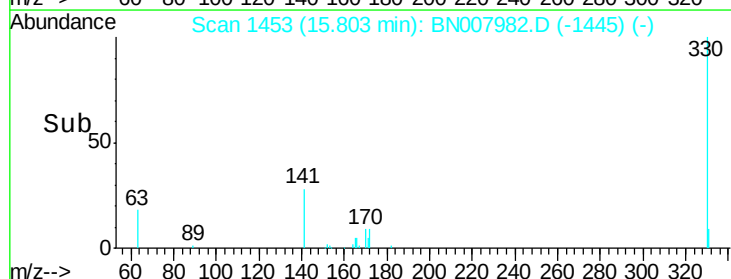
141 33.3 28.7 43.1

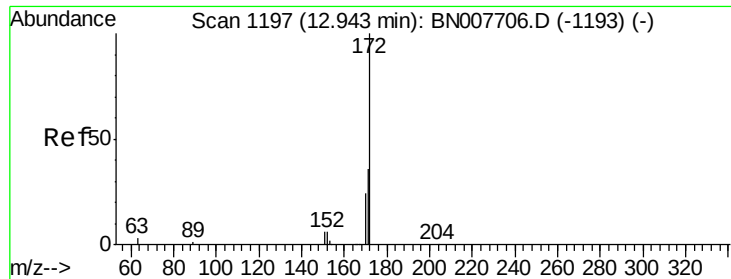


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

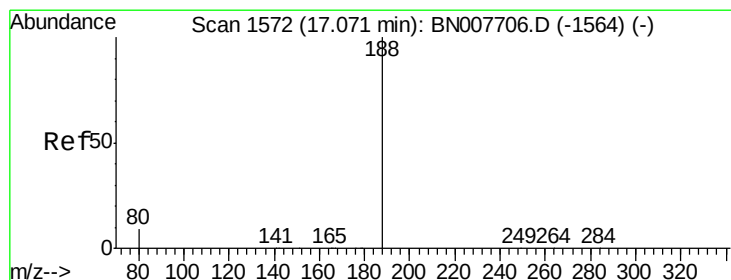
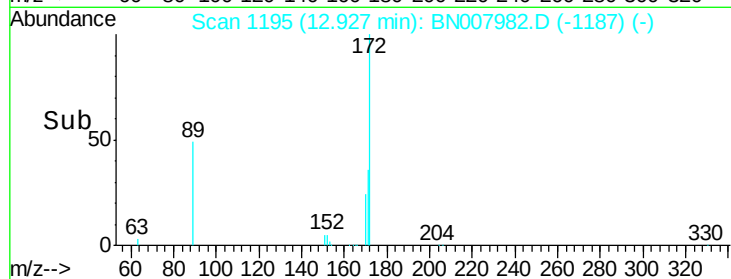
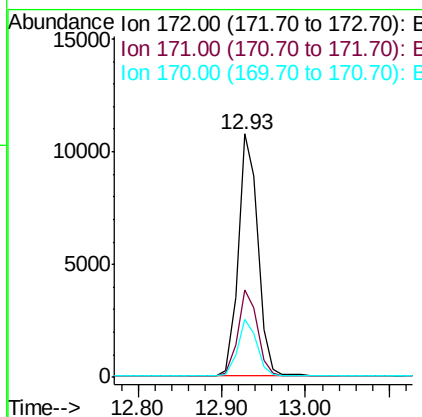
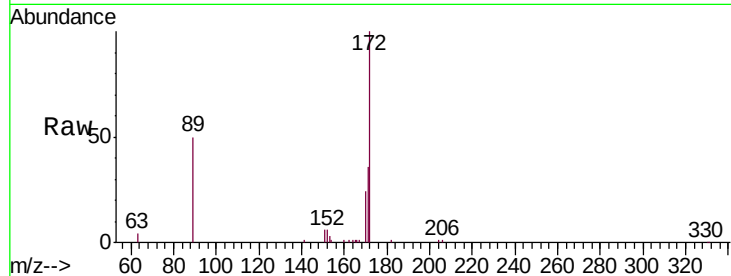




#15
2-Fluorobiphenyl
Concen: 0.311 ng
RT: 12.93 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BN007982.D
Acq: 03 Oct 2019 01:04

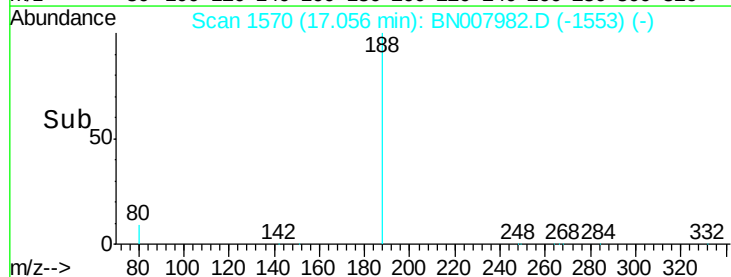
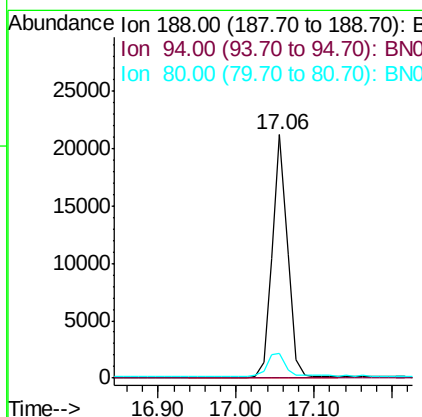
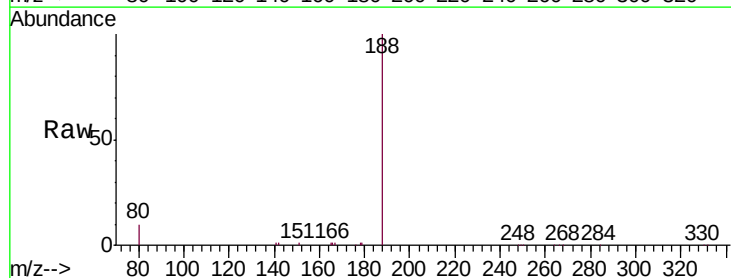
Instrument :
BNA_N
ClientSampleId :
PB123477BL

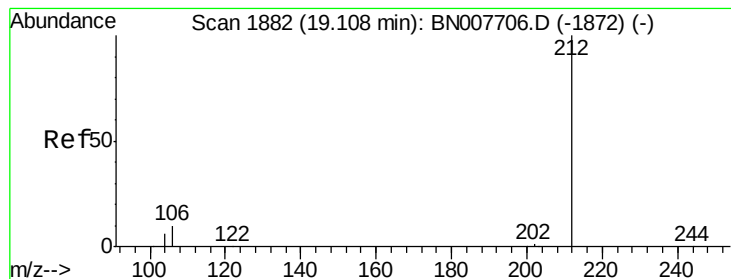
Tgt Ion:172 Resp: 17393
Ion Ratio Lower Upper
172 100
171 36.1 28.8 43.2
170 24.1 19.5 29.3



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.06 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BN007982.D
Acq: 03 Oct 2019 01:04

Tgt Ion:188 Resp: 29120
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.0 7.4 11.2





#25

Fluoranthene-d10

Concen: 0.366 ng

RT: 19.09 min Scan# 1877

Delta R.T. -0.02 min

Lab File: BN007982.D

Acq: 03 Oct 2019 01:04

Instrument :

BNA_N

ClientSampleId :

PB123477BL

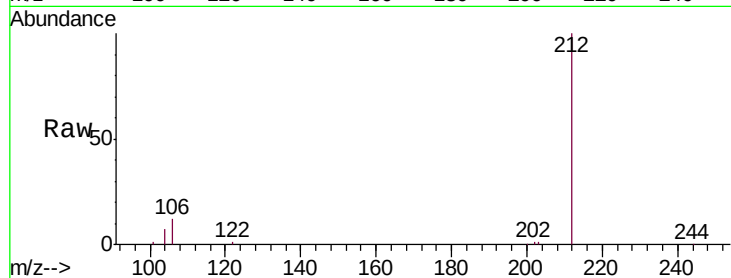
Tgt Ion:212 Resp: 35931

Ion Ratio Lower Upper

212 100

106 11.4 9.4 14.0

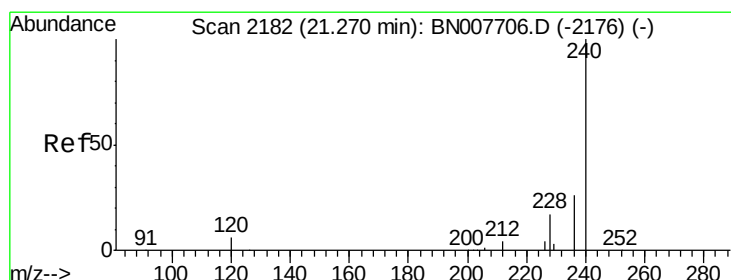
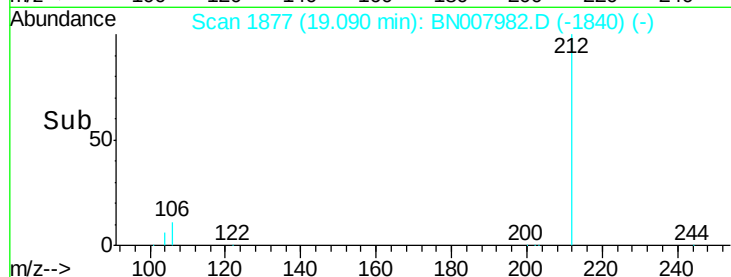
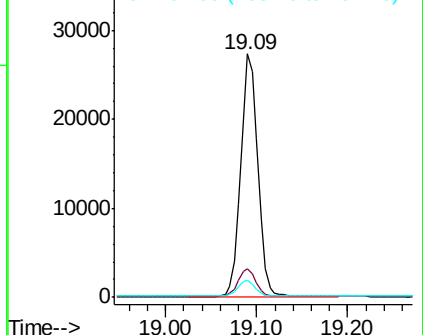
104 6.3 5.3 7.9



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: 21.25 min Scan# 2179

Delta R.T. -0.02 min

Lab File: BN007982.D

Acq: 03 Oct 2019 01:04

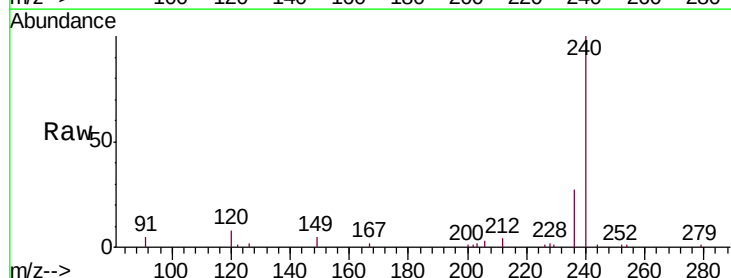
Tgt Ion:240 Resp: 31968

Ion Ratio Lower Upper

240 100

120 7.5 5.4 8.2

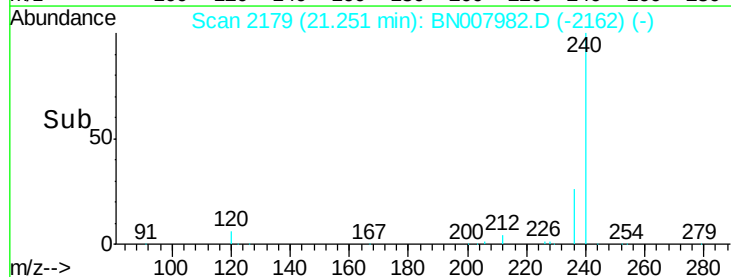
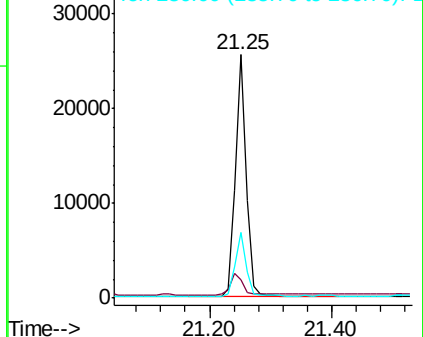
236 27.0 21.0 31.4

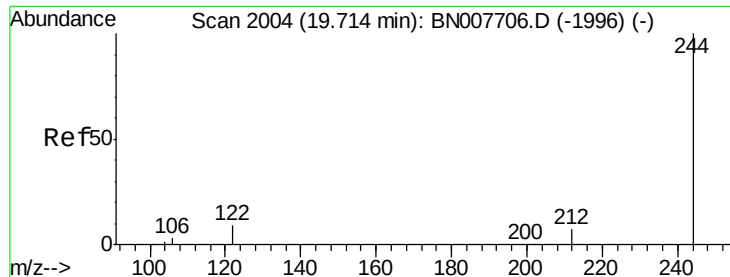


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.380 ng

RT: 19.70 min Scan# 1999

Delta R.T. -0.02 min

Lab File: BN007982.D

Acq: 03 Oct 2019 01:04

Instrument :

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PB123477BL

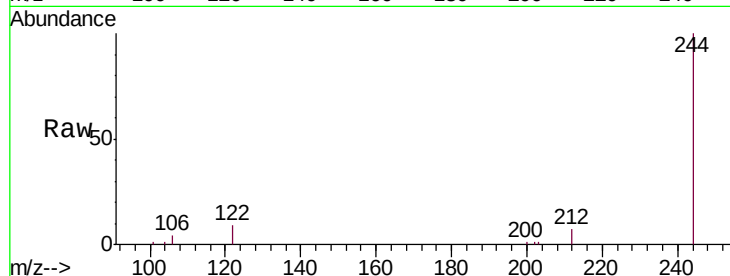
Tgt Ion:244 Resp: 29839

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

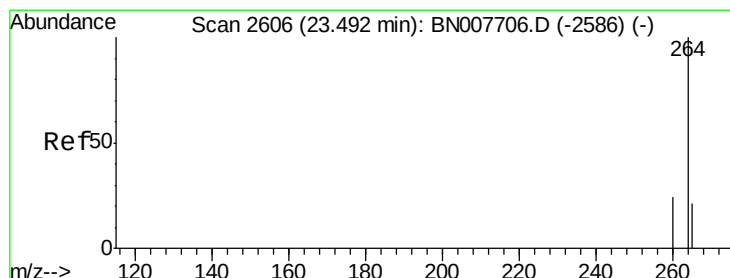
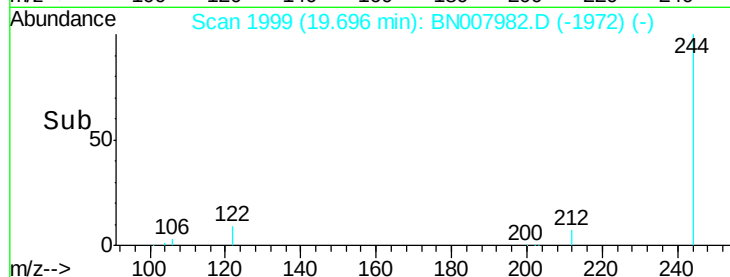
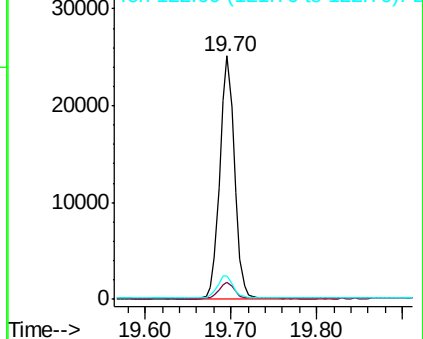
122 9.4 7.4 11.2



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: 23.46 min Scan# 2596

Delta R.T. -0.03 min

Lab File: BN007982.D

Acq: 03 Oct 2019 01:04

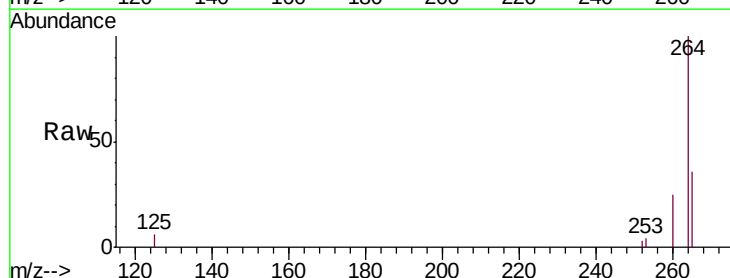
Tgt Ion:264 Resp: 34214

Ion Ratio Lower Upper

264 100

260 24.8 19.3 28.9

265 35.6 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

