

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091319\
 Data File : BN007629.D
 Acq On : 13 Sep 2019 16:27
 Operator : HP/JU
 Sample : PB123061BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB123061BL

Quant Time: Sep 16 11:45:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:27:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	9758	0.40	ng	0.00
7) Naphthalene-d8	10.48	136	38401	0.40	ng	-0.01
13) Acenaphthene-d10	14.34	164	18891	0.40	ng	0.00
19) Phenanthrene-d10	17.08	188	42603	0.40	ng	0.00
27) Chrysene-d12	21.27	240	36229	0.40	ng	-0.01
34) Perylene-d12	23.49	264	35801	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.34	112	5959	0.19	ng	0.00
5) Phenol-d6	6.90	99	8060	0.22	ng	0.00
8) Nitrobenzene-d5	8.86	82	5875	0.19	ng	0.00
11) 2-Methylnaphthalene-d10	12.08	152	14314	0.22	ng	0.00
14) 2,4,6-Tribromophenol	15.83	330	905	0.13	ng	0.00
15) 2-Fluorobiphenyl	12.96	172	18903	0.23	ng	0.00
25) Fluoranthene-d10	19.11	212	27376	0.20	ng	0.00
29) Terphenyl-d14	19.72	244	22074	0.23	ng	0.00

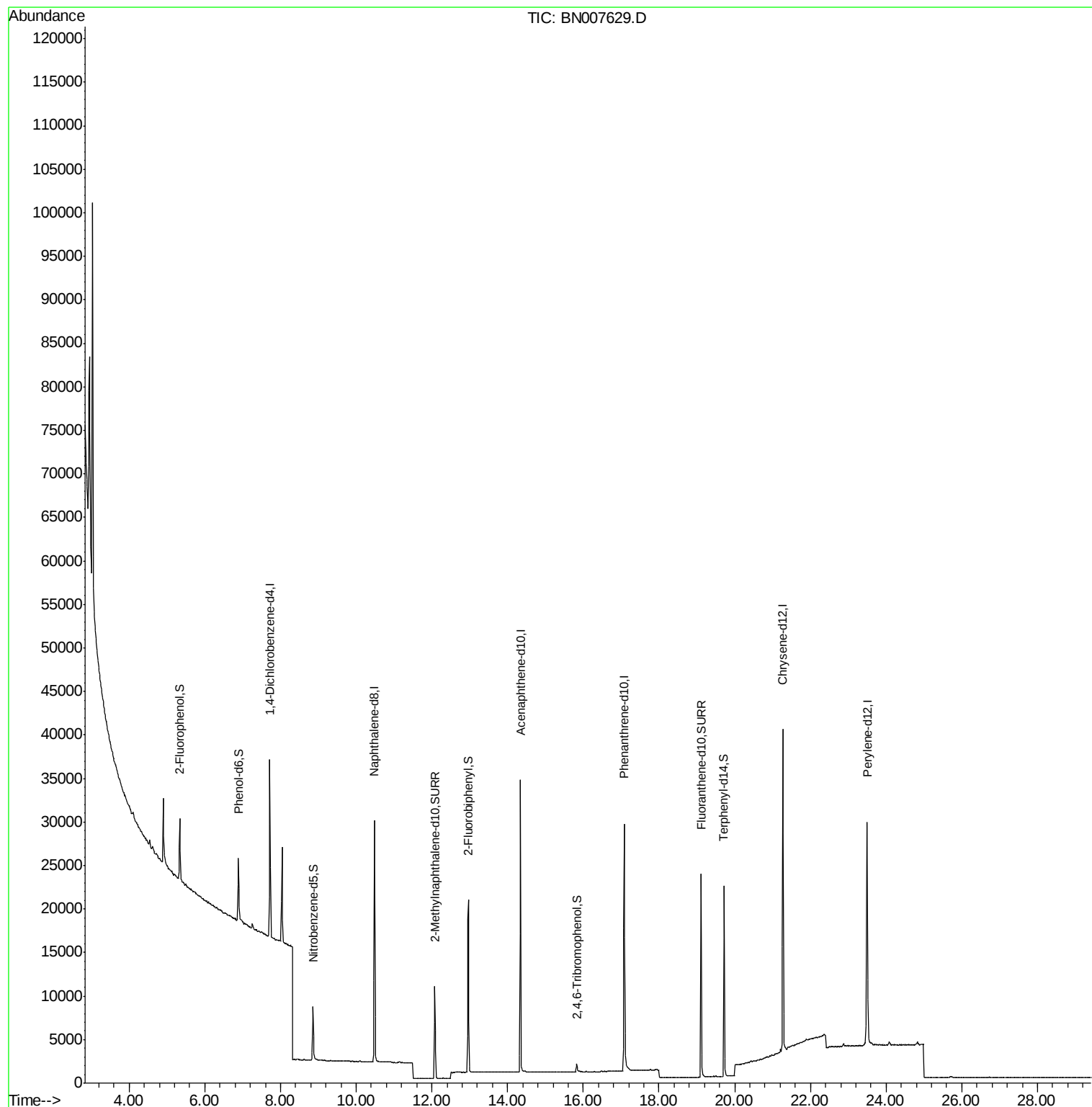
Target Compounds	Qvalue

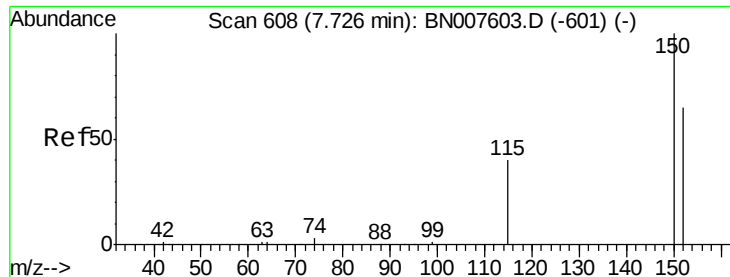
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091319\
Data File : BN007629.D
Acq On : 13 Sep 2019 16:27
Operator : HP/JU
Sample : PB123061BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB123061BL

Quant Time: Sep 16 11:45:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 14:27:51 2019
Response via : Initial Calibration



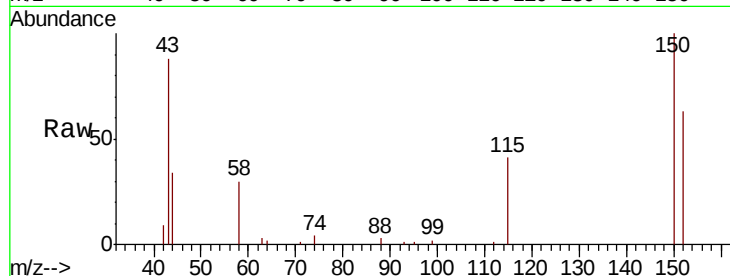


#1

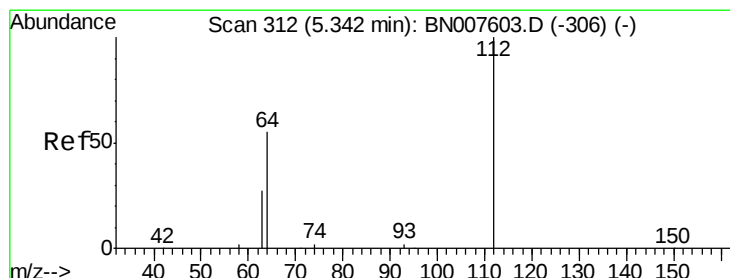
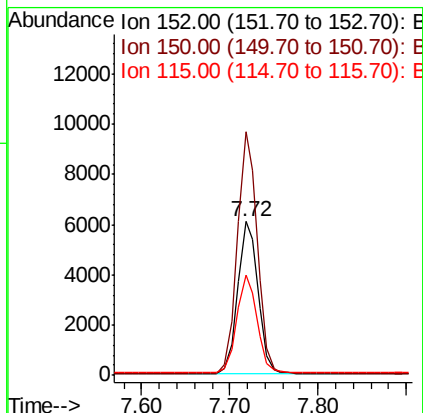
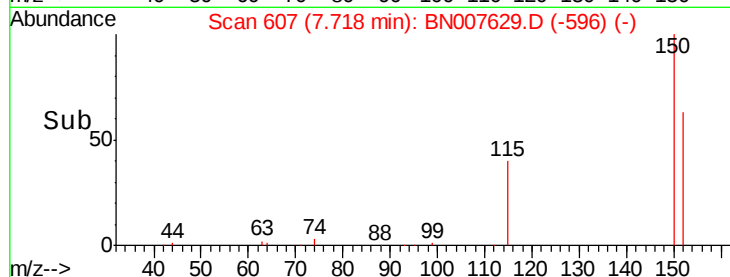
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 607
Delta R.T. -0.01 min
Lab File: BN007629.D
Acq: 13 Sep 2019 16:27

Instrument :
BNA_N
ClientSampleId :
PB123061BL

Tot Ion:152 Resp: 9758
Ion Ratio Lower Upper
152 100
150 158.5 122.4 183.6
115 65.1 50.4 75.6



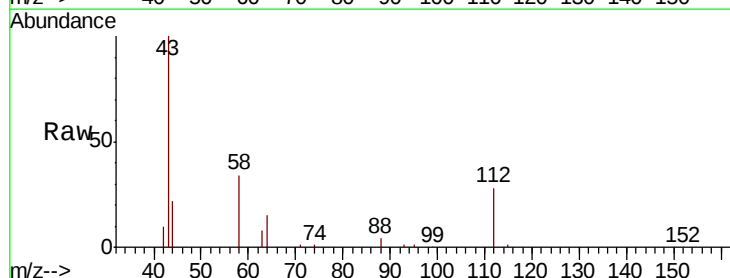
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



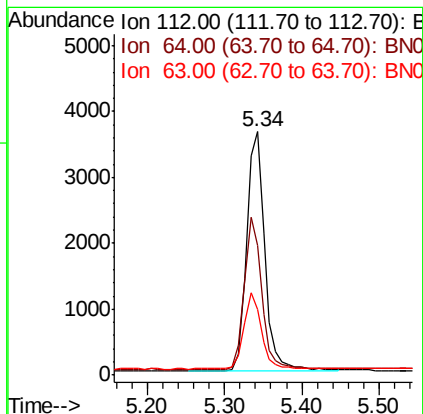
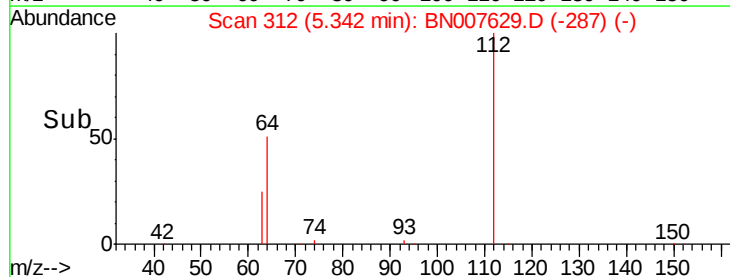
#4

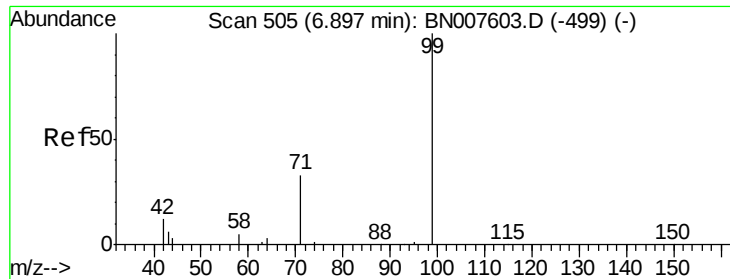
2-Fluorophenol
Concen: 0.191 ng
RT: 5.34 min Scan# 312
Delta R.T. -0.00 min
Lab File: BN007629.D
Acq: 13 Sep 2019 16:27

Tgt Ion:112 Resp: 5959
Ion Ratio Lower Upper
112 100
64 61.1 48.5 72.7
63 30.0 24.4 36.6



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: 0.215 ng

RT: 6.90 min Scan# 505

Delta R.T. 0.00 min

Lab File: BN007629.D

Acq: 13 Sep 2019 16:27

Instrument :

BNA_N

ClientSampleId :

PB123061BL

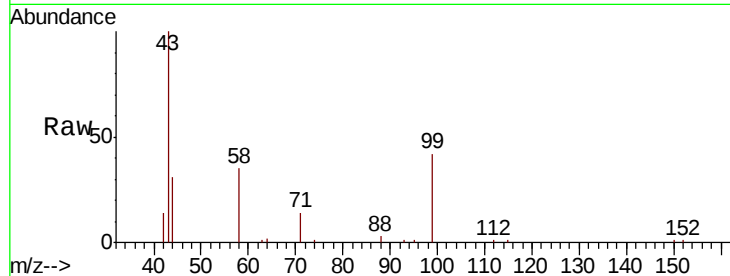
Tot Ion: 99 Resp: 8060

Ion Ratio Lower Upper

99 100

42 14.9 11.8 17.6

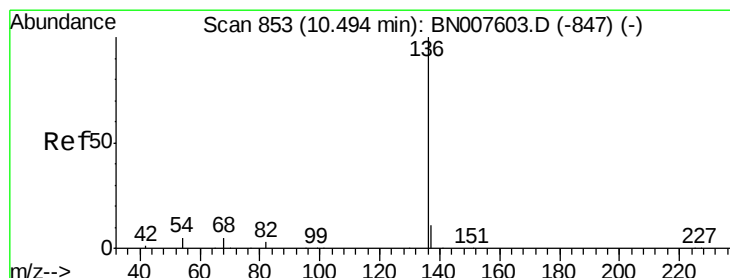
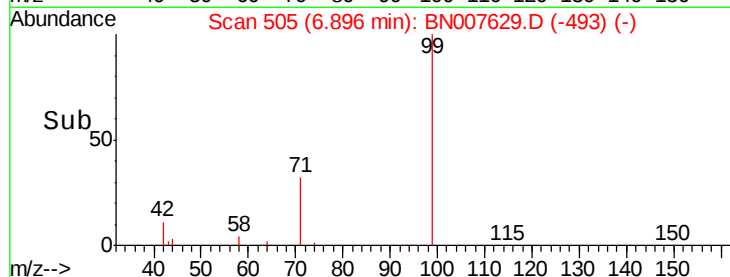
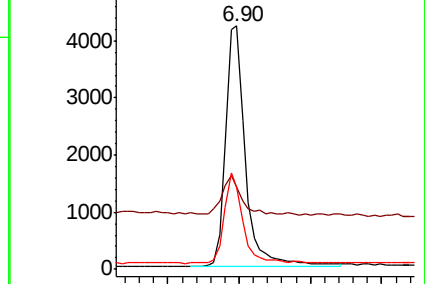
71 35.7 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BN007603.D (-499) (-)

Ion 42.00 (41.70 to 42.70): BN007603.D (-499) (-)

Ion 71.00 (70.70 to 71.70): BN007603.D (-499) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.48 min Scan# 852

Delta R.T. -0.01 min

Lab File: BN007629.D

Acq: 13 Sep 2019 16:27

Tgt Ion: 136 Resp: 38401

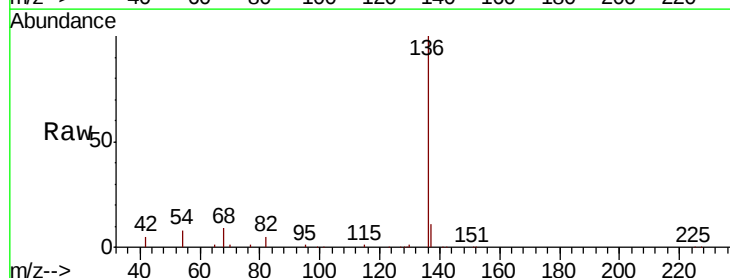
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 8.4 4.2 6.4#

68 8.8 4.6 7.0#

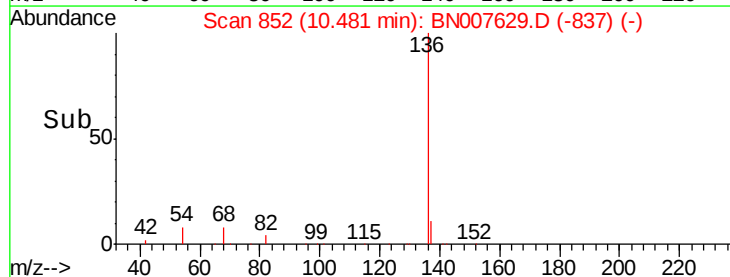
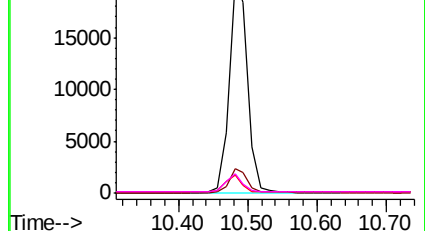


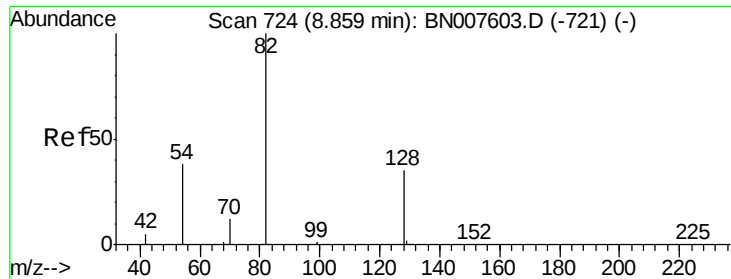
Abundance Ion 136.00 (135.70 to 136.70): BN007603.D (-847) (-)

Ion 137.00 (136.70 to 137.70): BN007603.D (-847) (-)

Ion 54.00 (53.70 to 54.70): BN007603.D (-847) (-)

Ion 68.00 (67.70 to 68.70): BN007603.D (-847) (-)

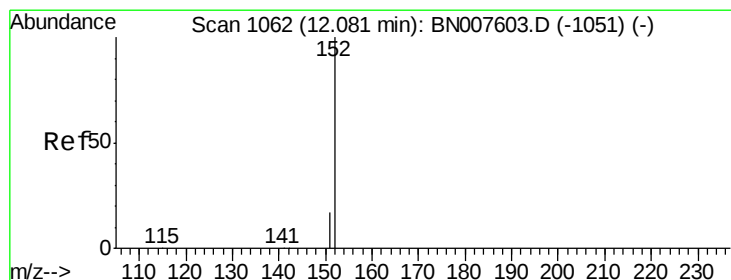
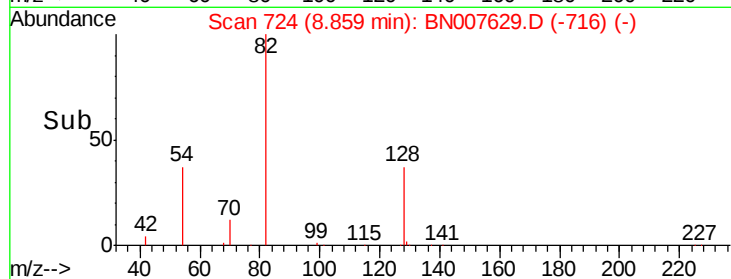
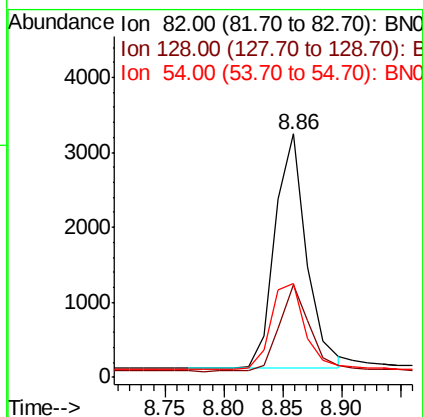
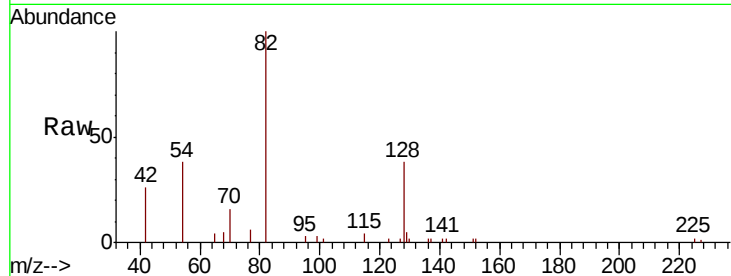




#8
 Nitrobenzene-d5
 Concen: 0.192 ng
 RT: 8.86 min Scan# 724
 Delta R.T. -0.00 min
 Lab File: BN007629.D
 Acq: 13 Sep 2019 16:27

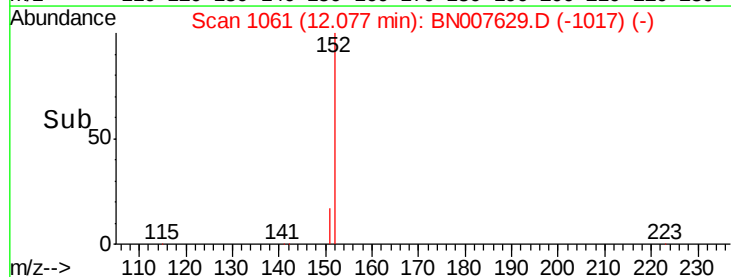
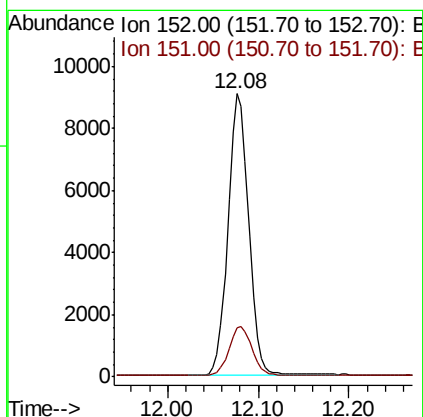
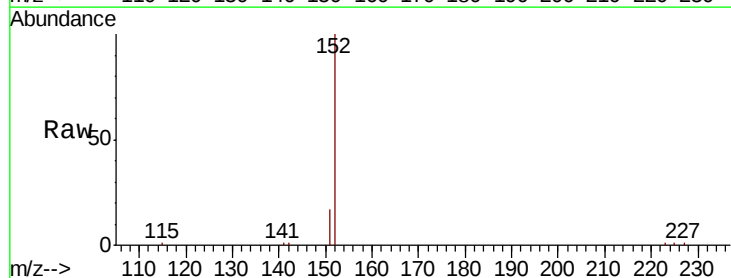
Instrument :
 BNA_N
 ClientSampleId :
 PB123061BL

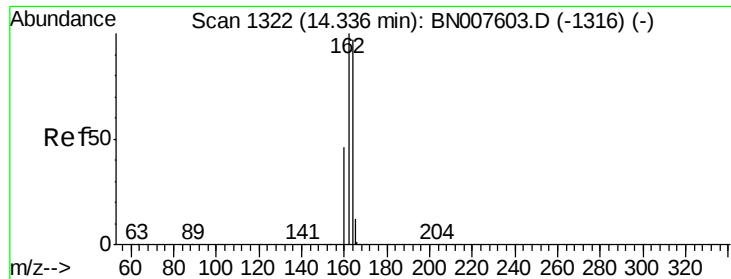
Tot Ion	82	Resp	5875
Ion Ratio	Lower	Upper	
82	100		
128	38.3	27.9	41.9
54	38.3	30.9	46.3



#11
 2-Methylnaphthalene-d10
 Concen: 0.220 ng
 RT: 12.08 min Scan# 1061
 Delta R.T. -0.00 min
 Lab File: BN007629.D
 Acq: 13 Sep 2019 16:27

Tgt Ion	152	Resp	14314
Ion Ratio	Lower	Upper	
152	100		
151	19.2	15.3	22.9





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.34 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BN007629.D

Acq: 13 Sep 2019 16:27

Instrument :

BNA_N

ClientSampleId :

PB123061BL

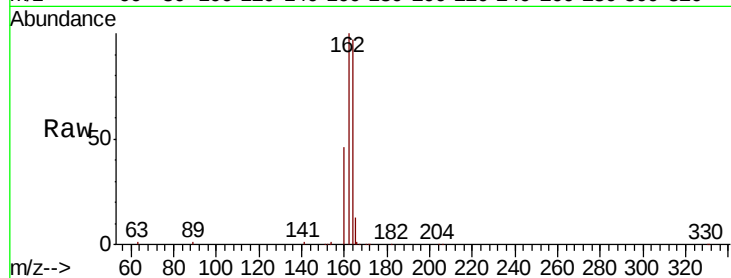
Tot Ion:164 Resp: 18891

Ion Ratio Lower Upper

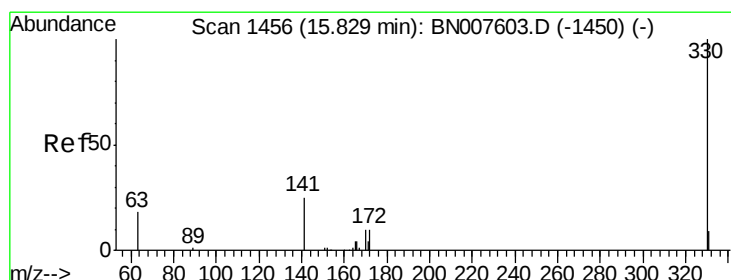
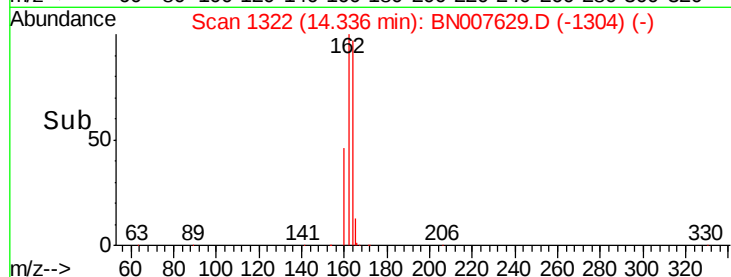
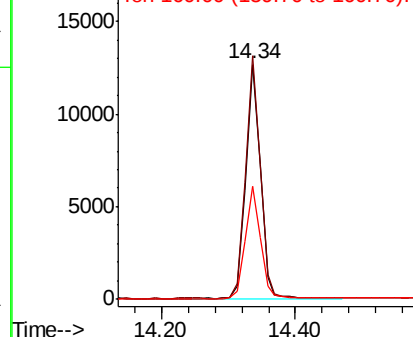
164 100

162 103.6 82.8 124.2

160 48.0 38.0 57.0



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: 0.127 ng

RT: 15.83 min Scan# 1456

Delta R.T. -0.00 min

Lab File: BN007629.D

Acq: 13 Sep 2019 16:27

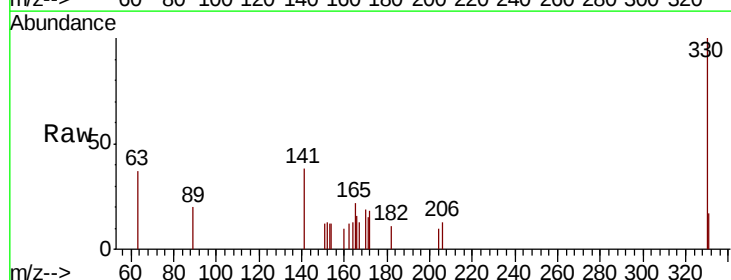
Tgt Ion:330 Resp: 905

Ion Ratio Lower Upper

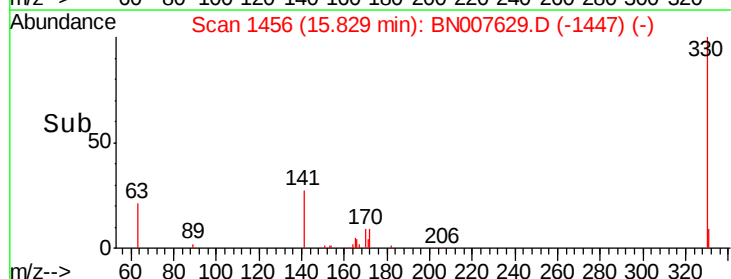
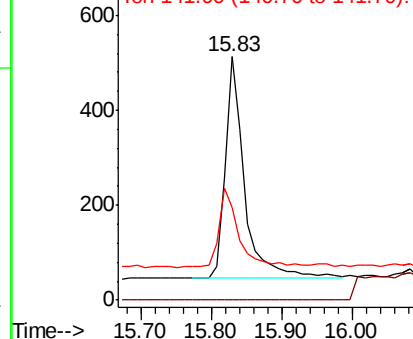
330 100

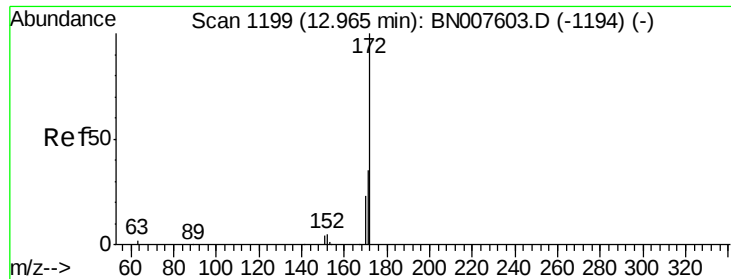
332 0.0 0.0 0.0

141 37.5 30.1 45.1



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

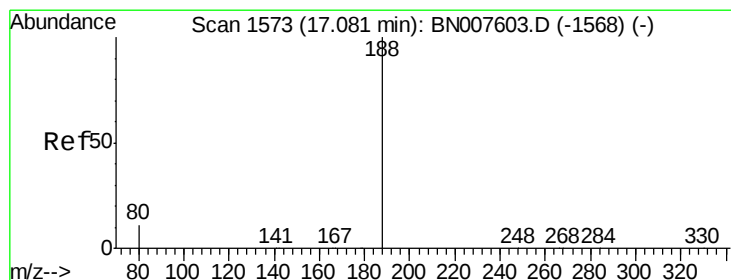
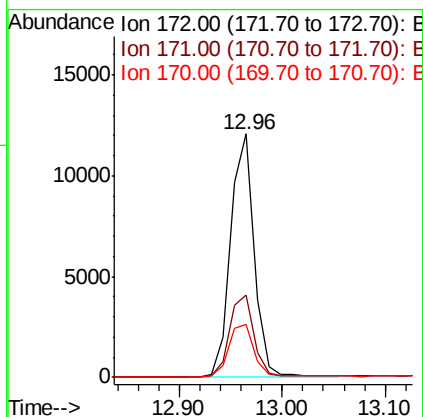
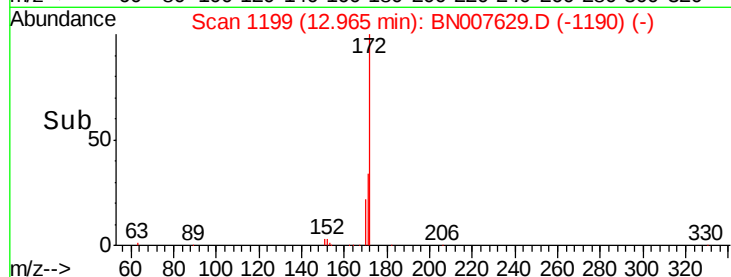
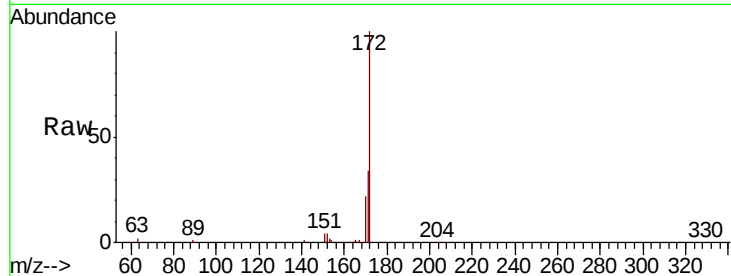




#15
2-Fluorobiphenyl
Concen: 0.229 ng
RT: 12.96 min Scan# 1199
Delta R.T. -0.00 min
Lab File: BN007629.D
Acq: 13 Sep 2019 16:27

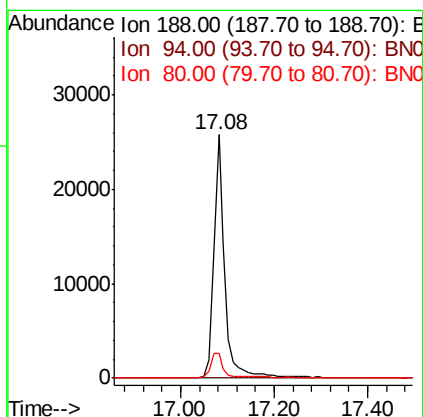
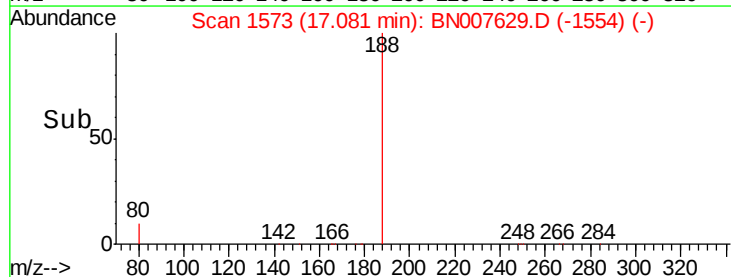
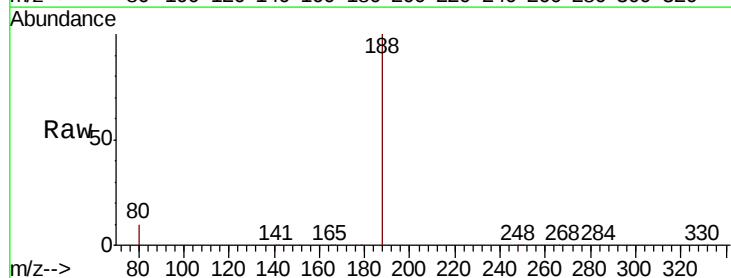
Instrument :
BNA_N
ClientSampleId :
PB123061BL

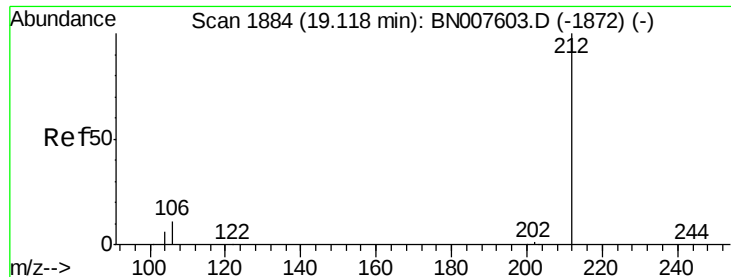
Tot Ion:172 Resp: 18903
Ion Ratio Lower Upper
172 100
171 33.9 27.9 41.9
170 21.9 18.5 27.7



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.08 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BN007629.D
Acq: 13 Sep 2019 16:27

Tgt Ion:188 Resp: 42603
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.4 8.8 13.2





#25

Fluoranthene-d10

Concen: 0.204 ng

RT: 19.11 min Scan# 1883

Delta R.T. -0.01 min

Lab File: BN007629.D

Acq: 13 Sep 2019 16:27

Instrument :

BNA_N

ClientSampleId :

PB123061BL

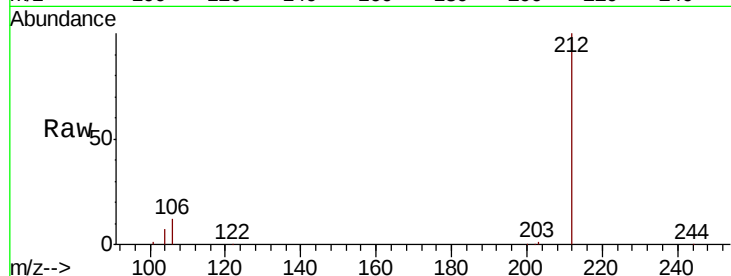
Tot Ion:212 Resp: 27376

Ion Ratio Lower Upper

212 100

106 12.0 9.6 14.4

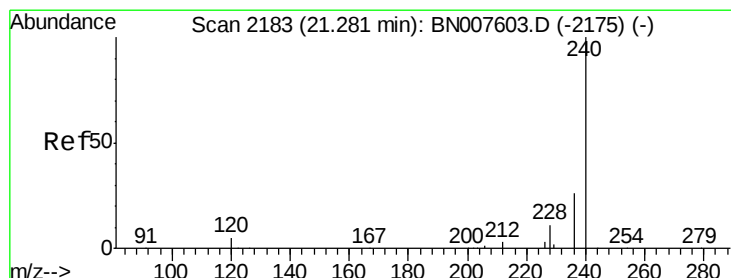
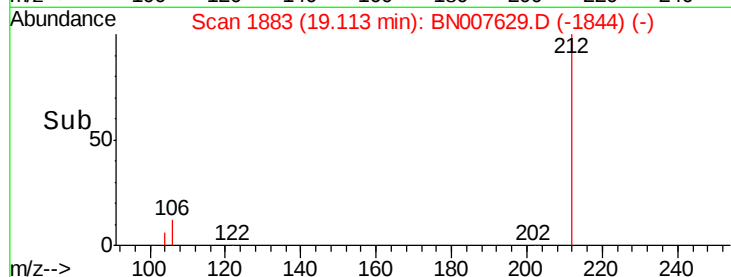
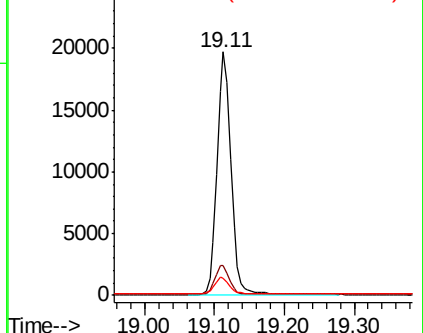
104 7.0 5.4 8.0



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. -0.01 min

Lab File: BN007629.D

Acq: 13 Sep 2019 16:27

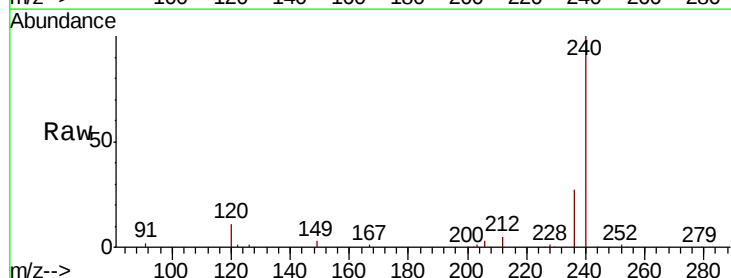
Tgt Ion:240 Resp: 36229

Ion Ratio Lower Upper

240 100

120 11.4 4.3 6.5#

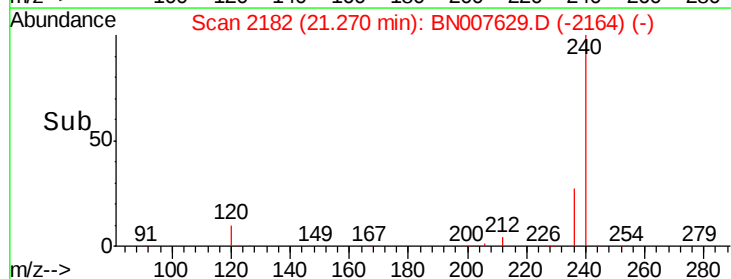
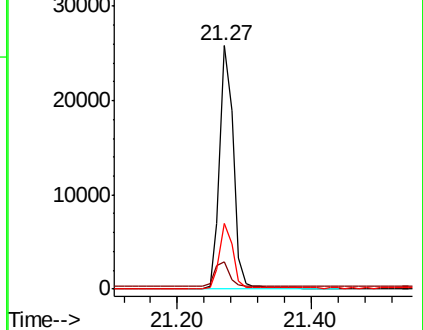
236 27.0 20.8 31.2

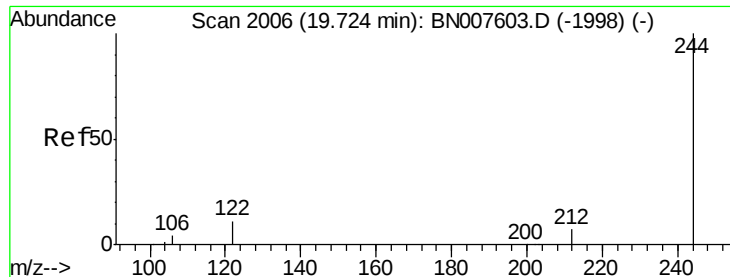


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.231 ng

RT: 19.72 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BN007629.D

Acq: 13 Sep 2019 16:27

Instrument :

BNA_N

ClientSampleId :

PB123061BL

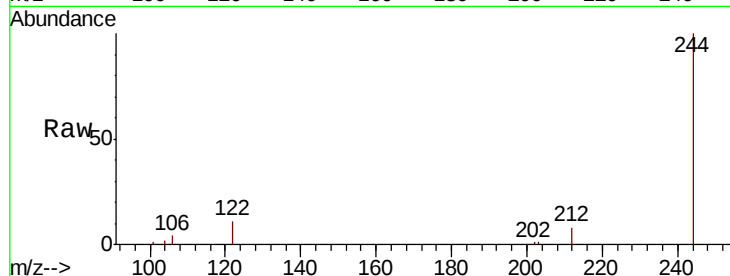
Tot Ion:244 Resp: 22074

Ion Ratio Lower Upper

244 100

212 7.6 5.9 8.9

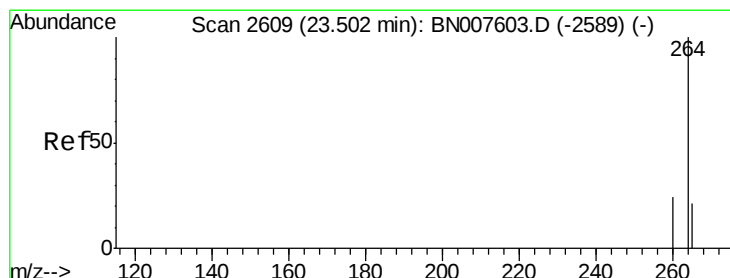
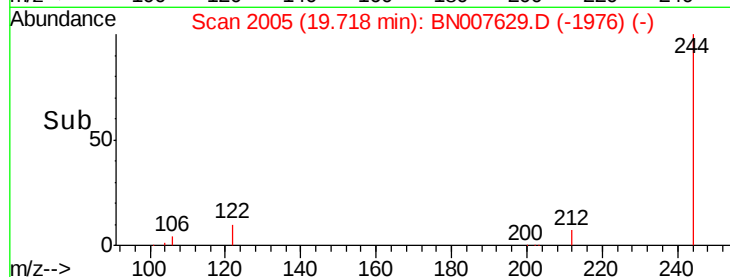
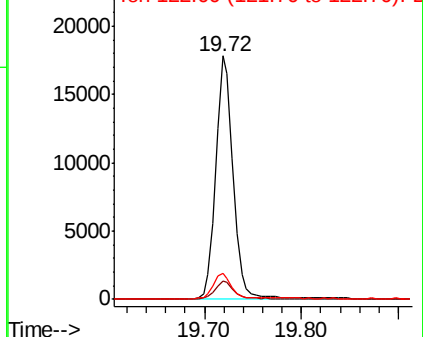
122 10.8 8.6 12.8



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: 23.49 min Scan# 2607

Delta R.T. -0.01 min

Lab File: BN007629.D

Acq: 13 Sep 2019 16:27

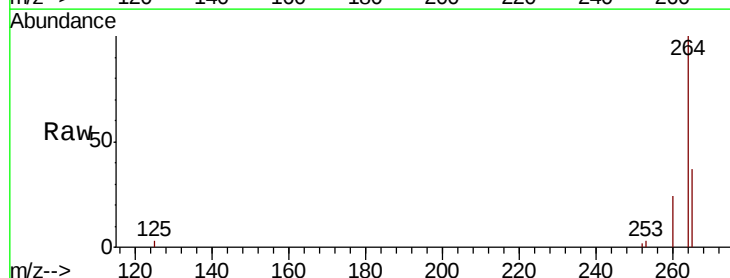
Tgt Ion:264 Resp: 35801

Ion Ratio Lower Upper

264 100

260 24.2 19.1 28.7

265 36.9 24.6 37.0



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

