

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082619\
 Data File : BN007428.D
 Acq On : 27 Aug 2019 02:11
 Operator : HP/JU
 Sample : PB122552BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB122552BL

Quant Time: Aug 27 07:31:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 24 00:38:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	4663	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	18289	0.40	ng	-0.01
13) Acenaphthene-d10	14.05	164	10355	0.40	ng	0.00
19) Phenanthrene-d10	16.80	188	22005	0.40	ng	0.00
27) Chrysene-d12	21.03	240	24985	0.40	ng	0.00
34) Perylene-d12	23.13	264	26605	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.03	112	5877	0.36	ng	0.00
5) Phenol-d6	6.60	99	7283	0.35	ng	0.00
8) Nitrobenzene-d5	8.53	82	5442	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	11.76	152	11529	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.55	330	2025	0.37	ng	0.00
15) 2-Fluorobiphenyl	12.66	172	13784	0.33	ng	0.00
25) Fluoranthene-d10	18.84	212	30715	0.43	ng	0.00
29) Terphenyl-d14	19.47	244	23293	0.36	ng	0.00

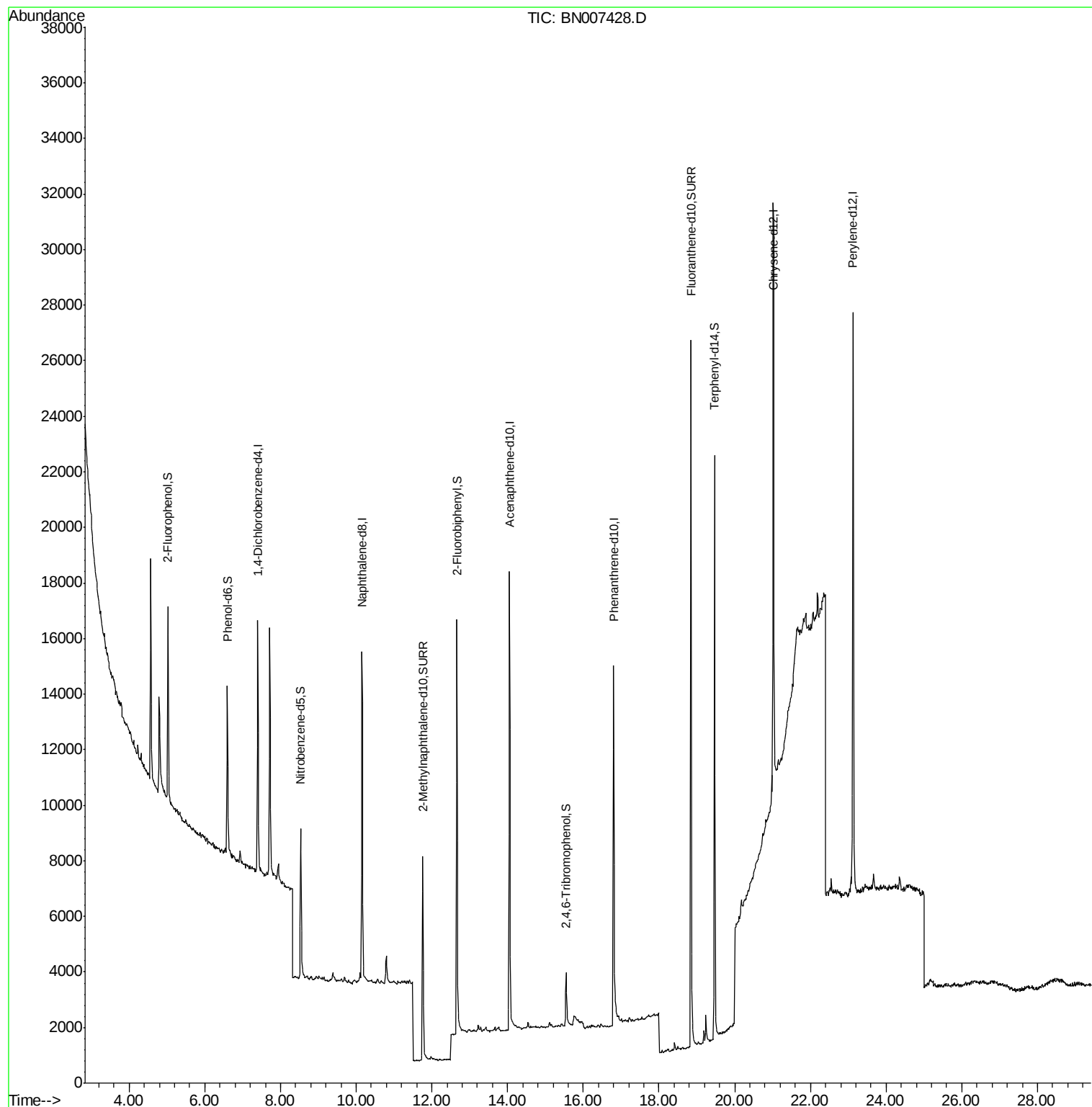
Target Compounds Qvalue

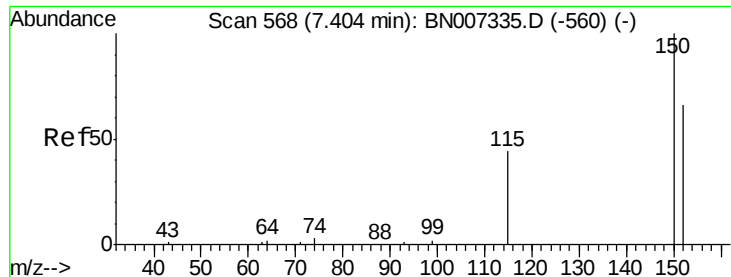
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082619\
Data File : BN007428.D
Acq On : 27 Aug 2019 02:11
Operator : HP/JU
Sample : PB122552BL
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB122552BL

Quant Time: Aug 27 07:31:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 24 00:38:17 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.40 min Scan# 568

Delta R.T. -0.00 min

Lab File: BN007428.D

Acq: 27 Aug 2019 02:11

Instrument :

BNA_N

ClientSampled :

PB122552BL

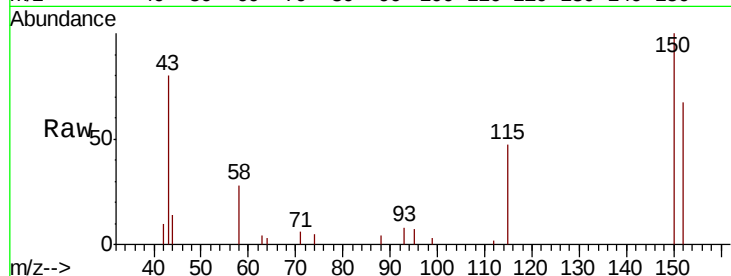
Tot Ion:152 Resp: 4663

Ion Ratio Lower Upper

152 100

150 149.1 109.1 163.7

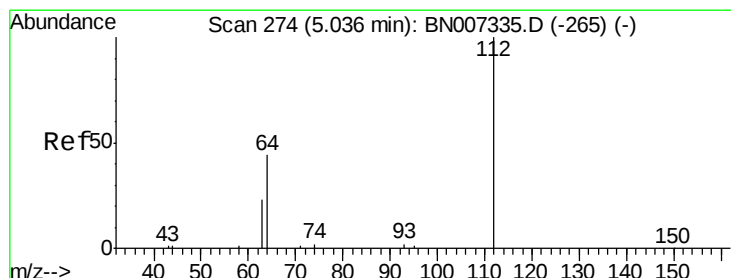
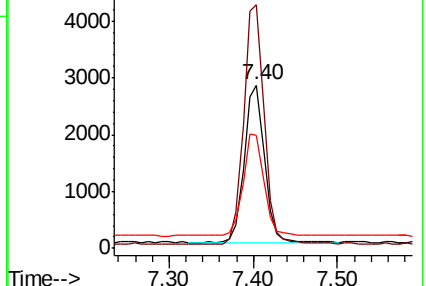
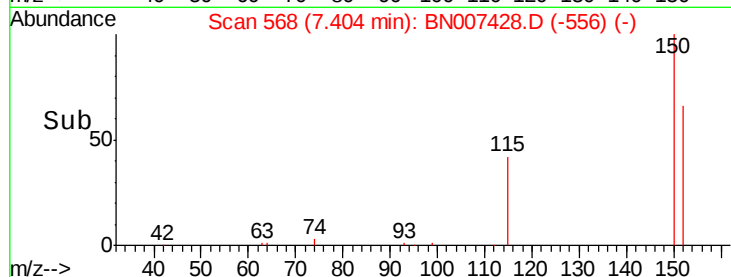
115 69.6 59.6 89.4



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: 0.360 ng

RT: 5.03 min Scan# 273

Delta R.T. -0.01 min

Lab File: BN007428.D

Acq: 27 Aug 2019 02:11

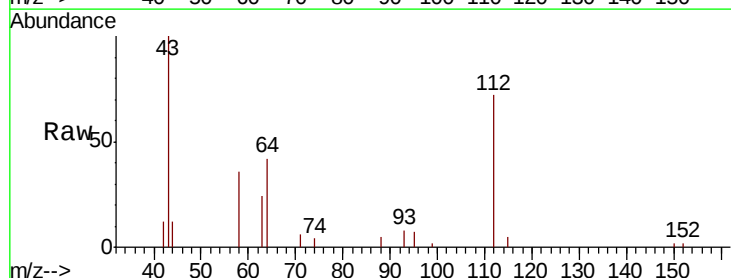
Tgt Ion:112 Resp: 5877

Ion Ratio Lower Upper

112 100

64 52.5 42.3 63.5

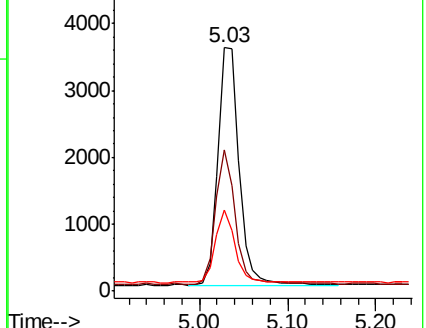
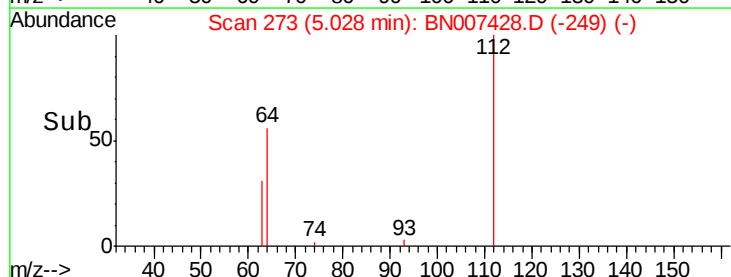
63 28.2 23.6 35.4

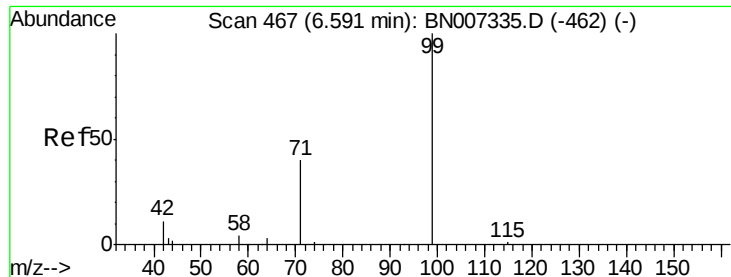


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.350 ng

RT: 6.60 min Scan# 468

Delta R.T. 0.01 min

Lab File: BN007428.D

Acq: 27 Aug 2019 02:11

Instrument :

BNA_N

ClientSampleId :

PB122552BL

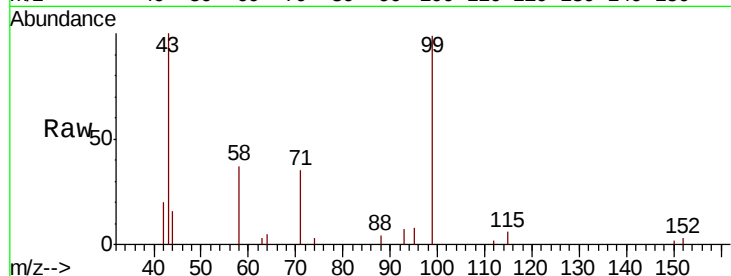
Tot Ion: 99 Resp: 7283

Ion Ratio Lower Upper

99 100

42 11.1 11.2 16.8#

71 34.3 31.8 47.8

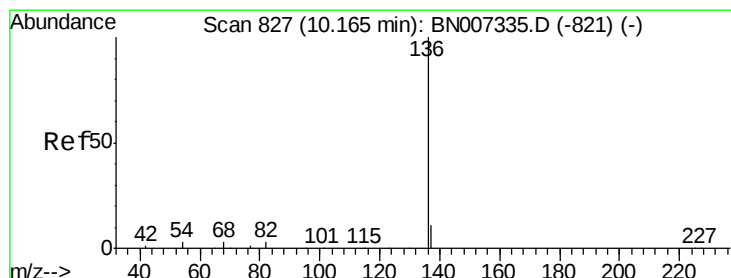
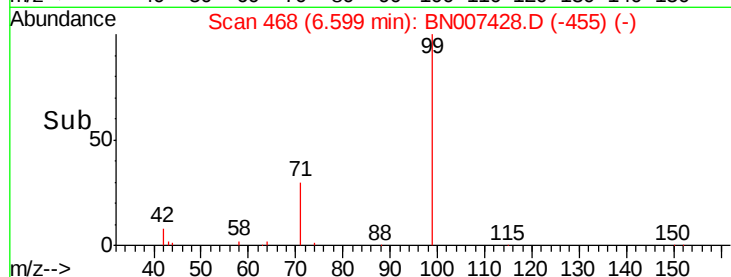
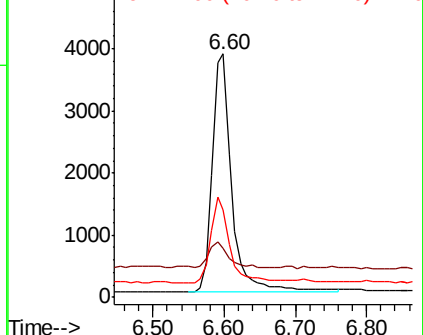


Abundance

Ion 99.00 (98.70 to 99.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 71.00 (70.70 to 71.70): BN0



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 826

Delta R.T. -0.01 min

Lab File: BN007428.D

Acq: 27 Aug 2019 02:11

Tgt Ion: 136 Resp: 18289

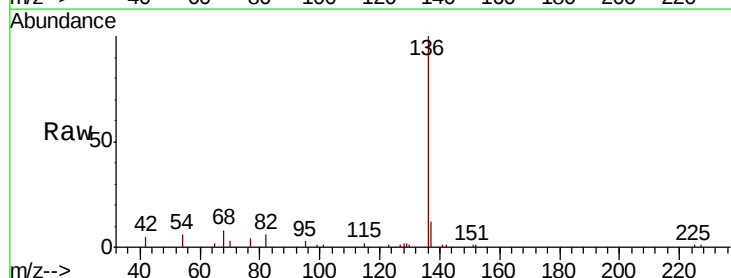
Ion Ratio Lower Upper

136 100

137 11.8 12.9 19.3#

54 6.2 8.6 12.8#

68 8.4 17.0 25.4#



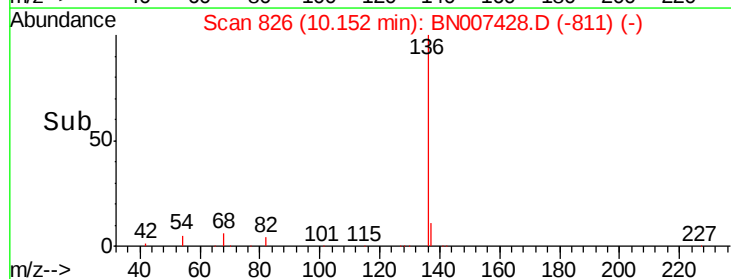
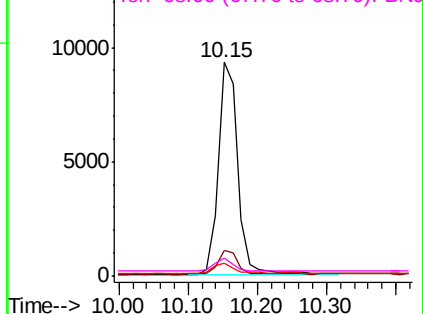
Abundance

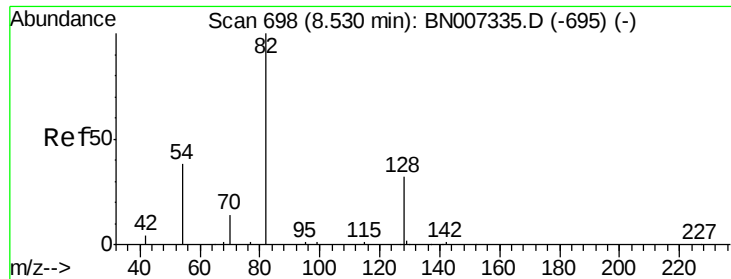
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BN0

Ion 68.00 (67.70 to 68.70): BN0

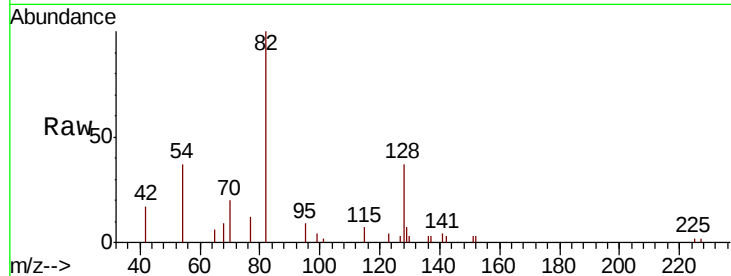




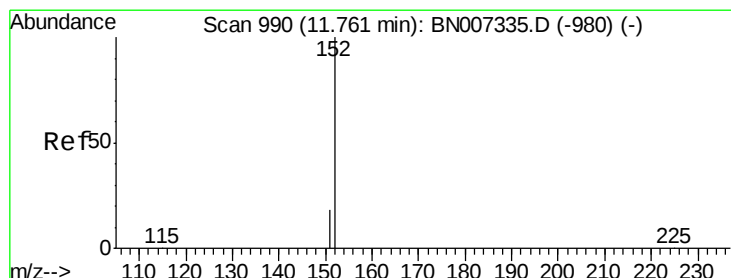
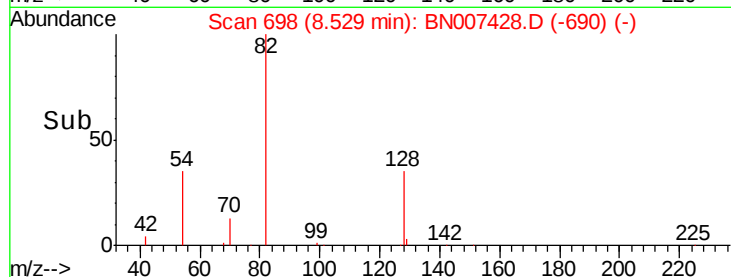
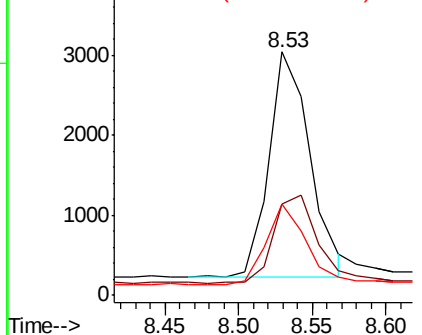
#8
 Nitrobenzene-d5
 Concen: 0.342 ng
 RT: 8.53 min Scan# 698
 Delta R.T. -0.00 min
 Lab File: BN007428.D
 Acq: 27 Aug 2019 02:11

Instrument :
 BNA_N
 ClientSampleId :
 PB122552BL

Tot Ion	82	Resp	5442
Ion Ratio	100	Lower	Upper
128	37.3	19.7	29.5#
54	37.3	25.8	38.6

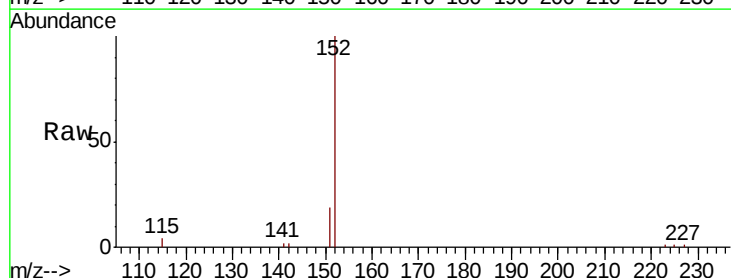


Abundance Ion 82.00 (81.70 to 82.70): BN007335.D (-695) (-)

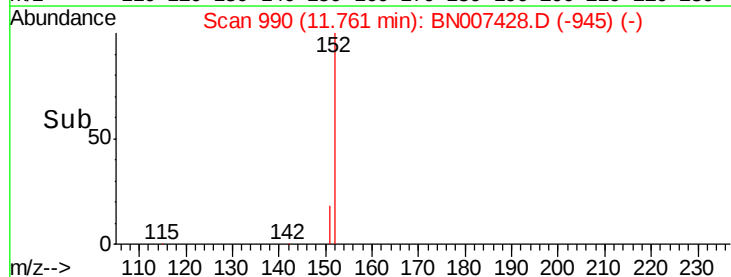
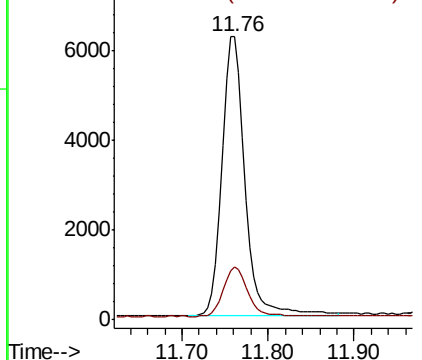


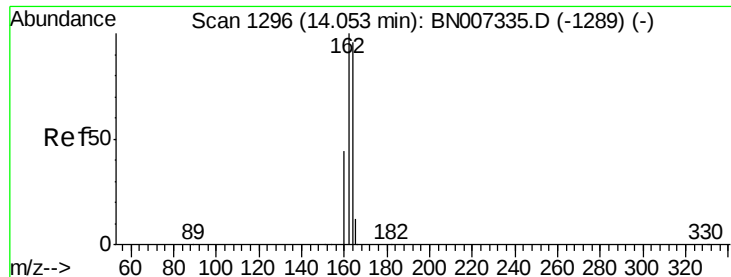
#11
 2-Methylnaphthalene-d10
 Concen: 0.379 ng
 RT: 11.76 min Scan# 990
 Delta R.T. -0.00 min
 Lab File: BN007428.D
 Acq: 27 Aug 2019 02:11

Tgt Ion	152	Resp	11529
Ion Ratio	100	Lower	Upper
151	18.6	16.2	24.2



Abundance Ion 152.00 (151.70 to 152.70): BN007335.D (-980) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.05 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BN007428.D

Acq: 27 Aug 2019 02:11

Instrument :

BNA_N

ClientSampleId :

PB122552BL

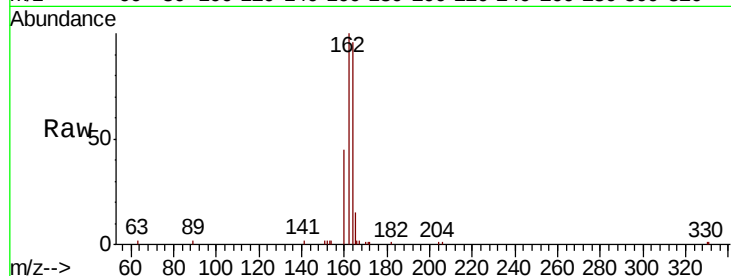
Tot Ion:164 Resp: 10355

Ion Ratio Lower Upper

164 100

162 104.4 83.5 125.3

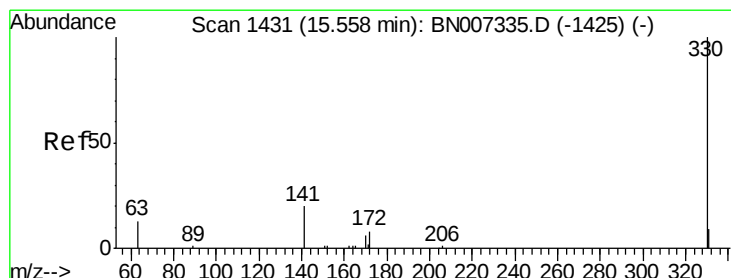
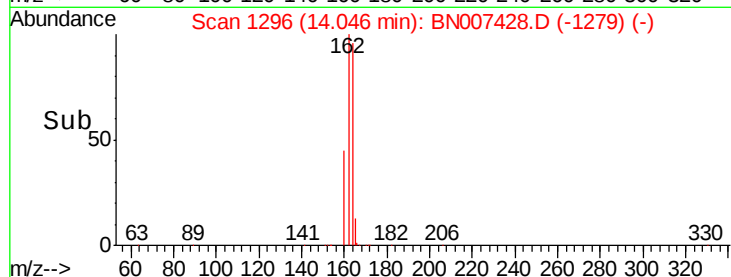
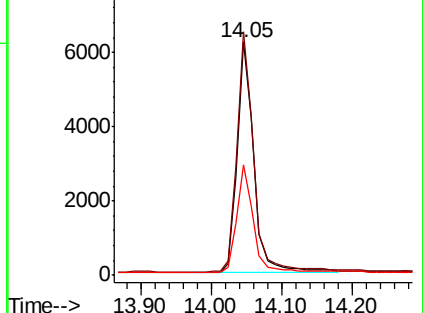
160 47.4 38.2 57.4



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: 0.374 ng

RT: 15.55 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BN007428.D

Acq: 27 Aug 2019 02:11

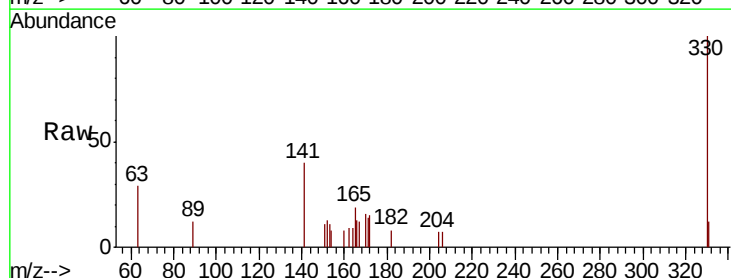
Tgt Ion:330 Resp: 2025

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

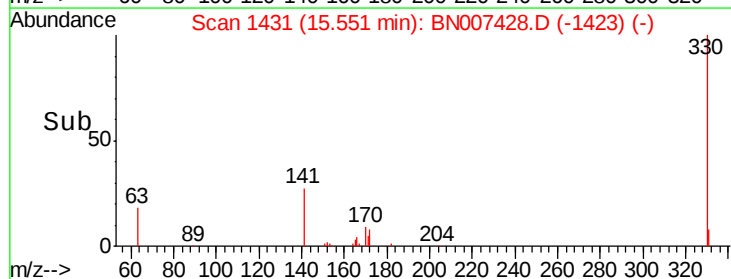
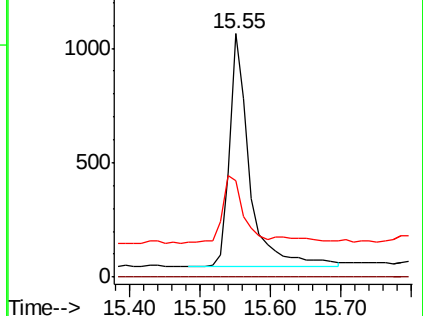
141 30.6 26.9 40.3

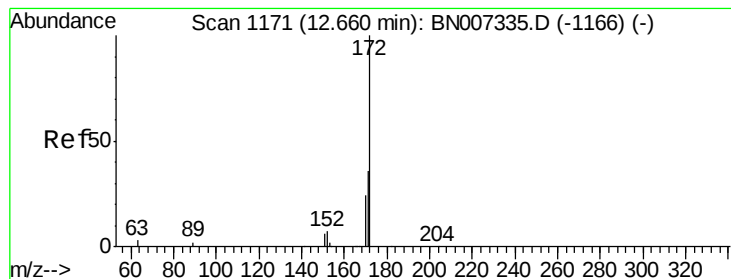


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.330 ng

RT: 12.66 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BN007428.D

Acq: 27 Aug 2019 02:11

Instrument :

BNA_N

ClientSampleId :

PB122552BL

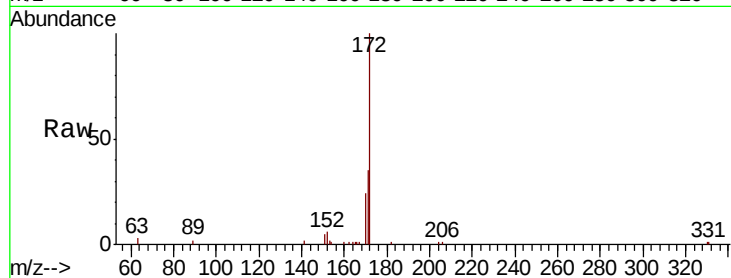
Tot Ion:172 Resp: 13784

Ion Ratio Lower Upper

172 100

171 35.5 30.3 45.5

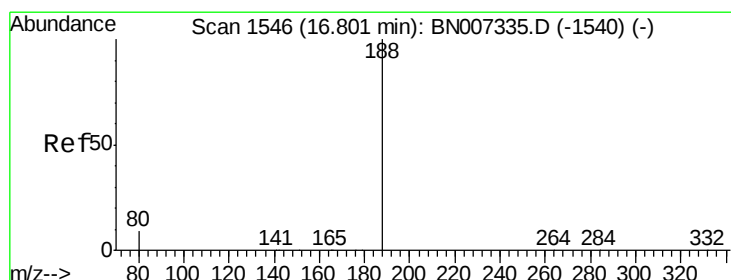
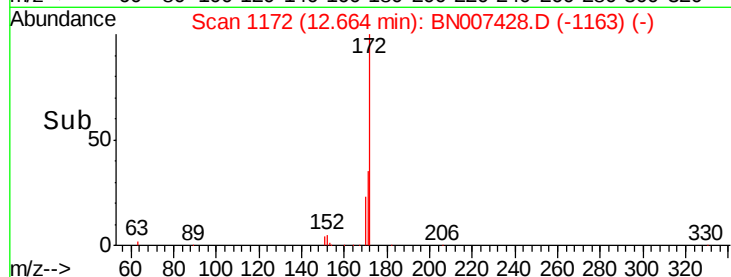
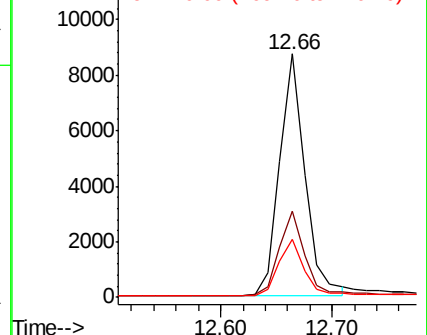
170 24.0 20.7 31.1



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: 16.80 min Scan# 1547

Delta R.T. 0.00 min

Lab File: BN007428.D

Acq: 27 Aug 2019 02:11

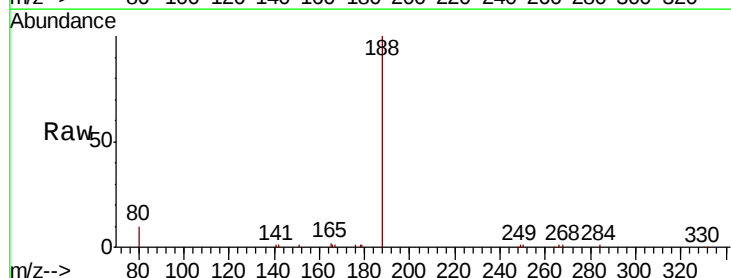
Tgt Ion:188 Resp: 22005

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

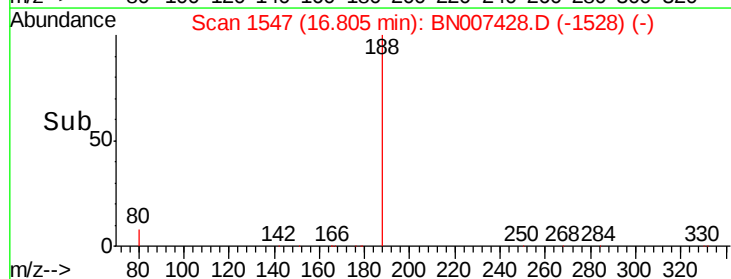
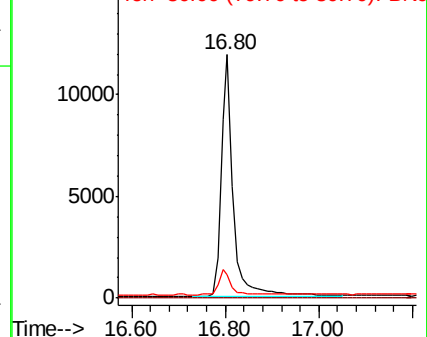
80 9.8 11.8 17.8#

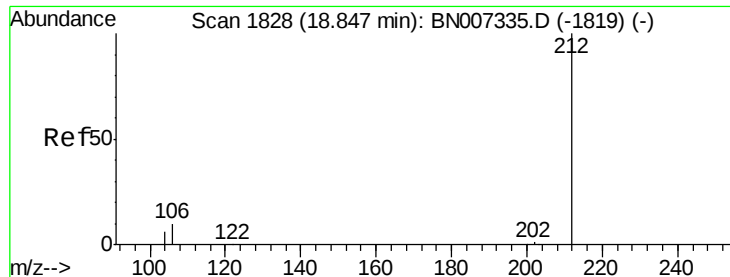


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC





#25

Fluoranthene-d10

Concen: 0.433 ng

RT: 18.84 min Scan# 1829

Delta R.T. -0.00 min

Lab File: BN007428.D

Acq: 27 Aug 2019 02:11

Instrument :

BNA_N

ClientSampleId :

PB122552BL

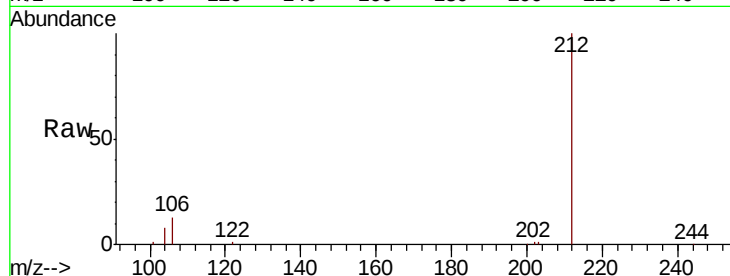
Tot Ion:212 Resp: 30715

Ion Ratio Lower Upper

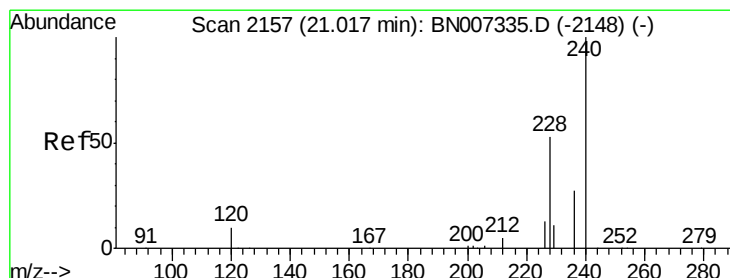
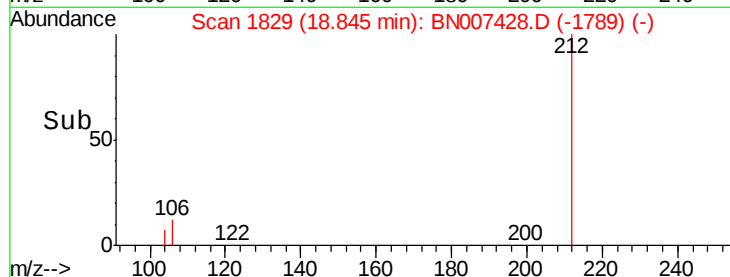
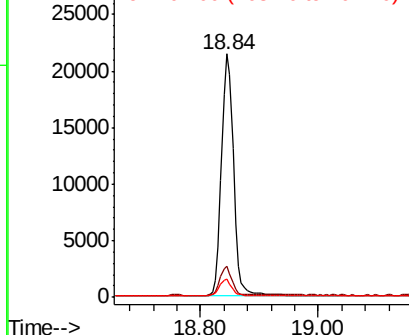
212 100

106 11.7 9.0 13.4

104 6.6 5.4 8.2



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: 21.03 min Scan# 2159

Delta R.T. 0.01 min

Lab File: BN007428.D

Acq: 27 Aug 2019 02:11

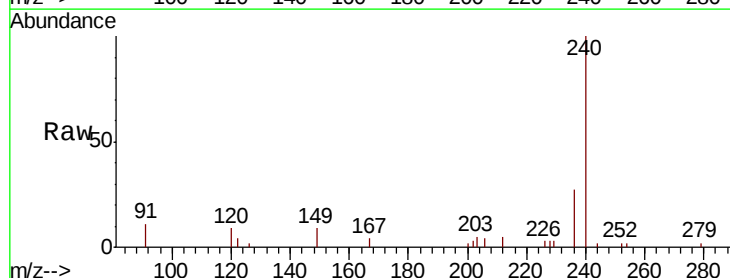
Tgt Ion:240 Resp: 24985

Ion Ratio Lower Upper

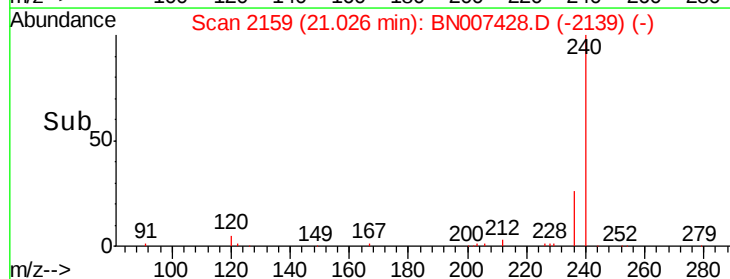
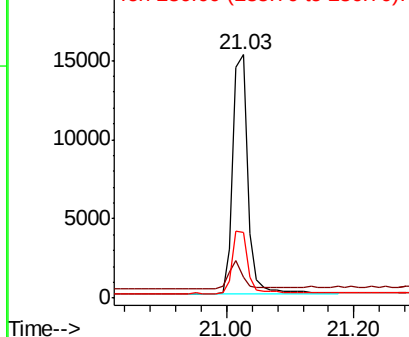
240 100

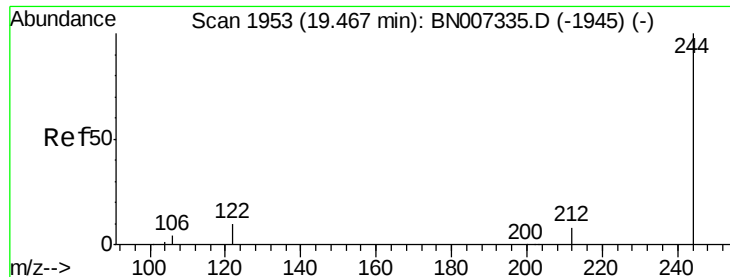
120 8.6 9.6 14.4#

236 27.1 22.2 33.2



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: 0.356 ng

RT: 19.47 min Scan# 1954

Delta R.T. -0.00 min

Lab File: BN007428.D

Acq: 27 Aug 2019 02:11

Instrument :

BNA_N

ClientSampleId :

PB122552BL

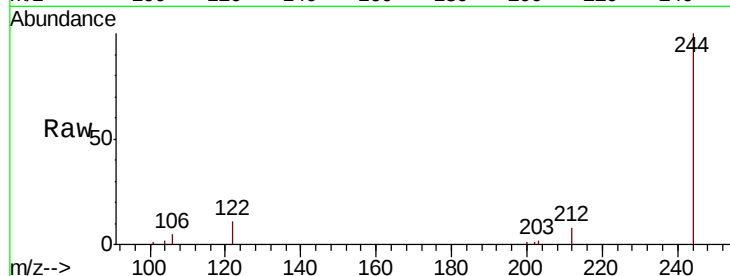
Tot Ion:244 Resp: 23293

Ion Ratio Lower Upper

244 100

212 8.1 7.0 10.6

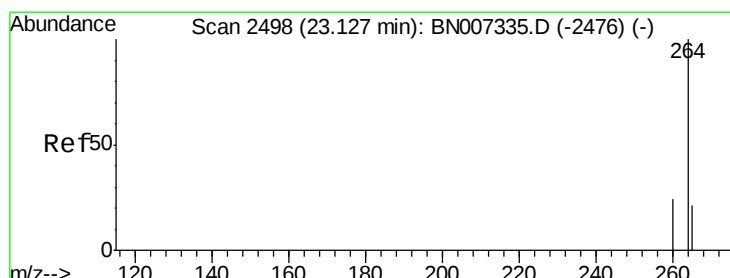
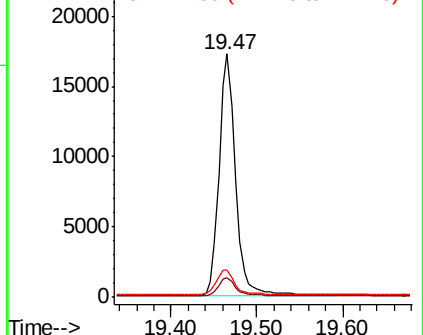
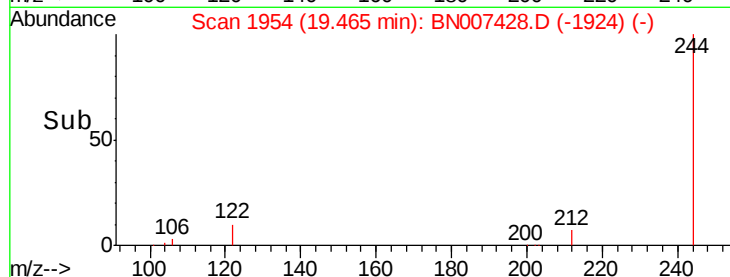
122 11.1 9.6 14.4



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: 23.13 min Scan# 2499

Delta R.T. -0.00 min

Lab File: BN007428.D

Acq: 27 Aug 2019 02:11

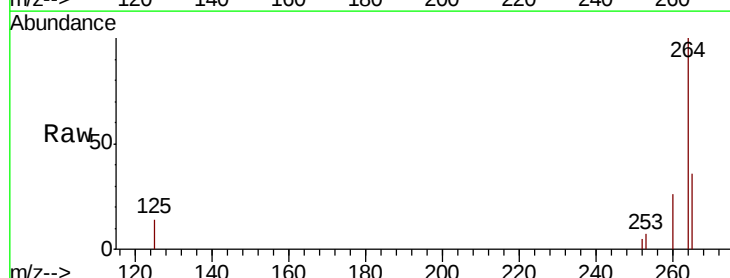
Tgt Ion:264 Resp: 26605

Ion Ratio Lower Upper

264 100

260 26.5 19.7 29.5

265 36.1 29.9 44.9



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

