

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090320\
 Data File : BN011690.D
 Acq On : 03 Sep 2020 09:52
 Operator : CG/JU
 Sample : PB131363BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB131363BL

Quant Time: Sep 03 12:36:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 03 12:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	2664	0.40	ng	0.00
7) Naphthalene-d8	10.53	136	9653	0.40	ng	0.00
13) Acenaphthene-d10	14.38	164	5442	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	12397	0.40	ng	0.00
29) Chrysene-d12	21.32	240	12910	0.40	ng	0.00
36) Perylene-d12	23.58	264	12445	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.34	112	1981	0.26	ng	0.00
5) Phenol-d6	6.90	99	2468	0.24	ng	0.00
8) Nitrobenzene-d5	8.88	82	2677	0.29	ng	0.00
11) 2-Methylnaphthalene-d10	12.12	152	4562	0.26	ng	0.00
14) 2,4,6-Tribromophenol	15.87	330	640	0.24	ng	0.00
15) 2-Fluorobiphenyl	13.00	172	6527	0.28	ng	0.00
27) Fluoranthene-d10	19.16	212	10271	0.26	ng	0.00
31) Terphenyl-d14	19.76	244	9207	0.29	ng	0.00

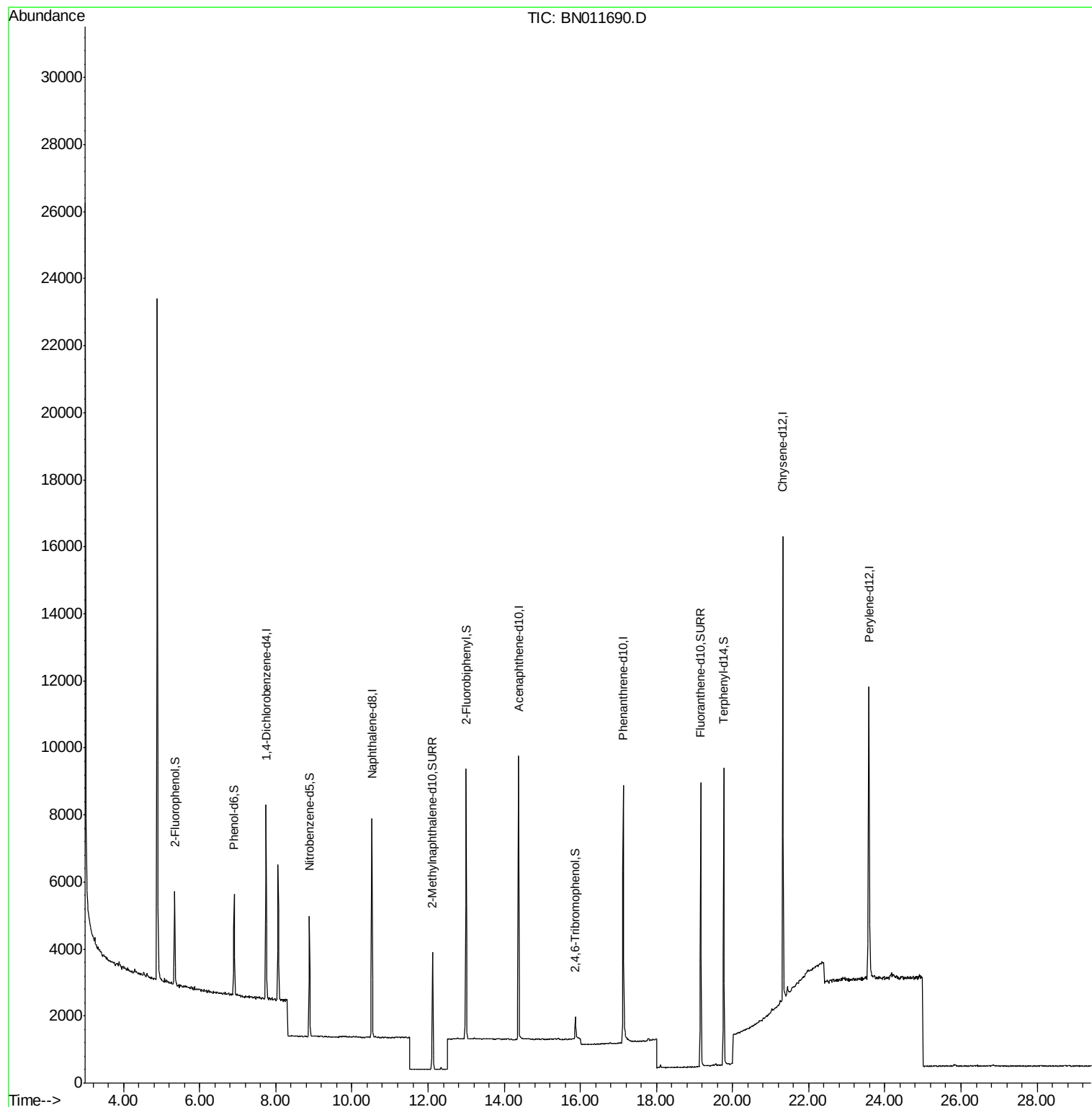
Target Compounds	Qvalue
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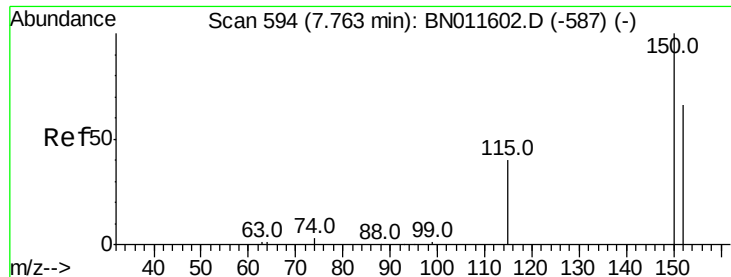
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.74 min Scan# 591

Delta R.T. 0.00 min

Lab File: BN011690.D

Acq: 03 Sep 2020 09:52

Instrument :

BNA_N

ClientSampleId :

PB131363BL

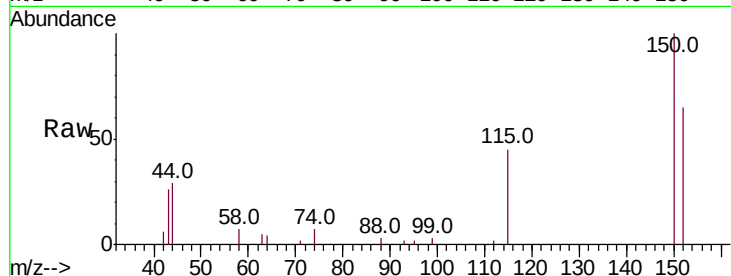
Tot Ion:152 Resp: 2664

Ion Ratio Lower Upper

152 100

150 153.6 121.0 181.6

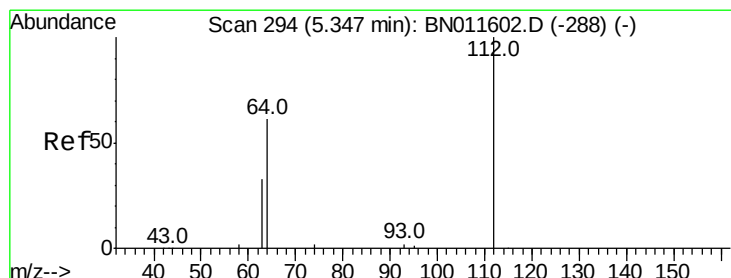
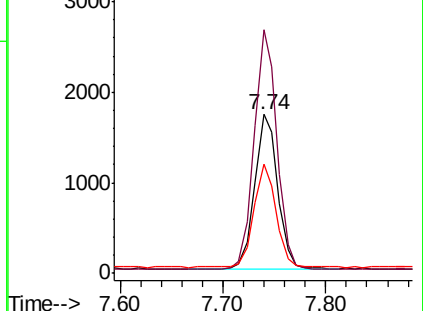
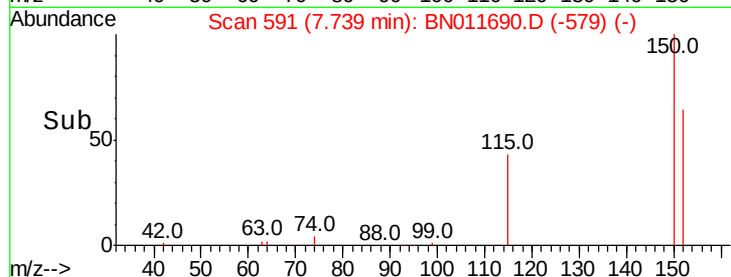
115 68.9 52.6 78.8



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: 0.263 ng

RT: 5.34 min Scan# 293

Delta R.T. 0.01 min

Lab File: BN011690.D

Acq: 03 Sep 2020 09:52

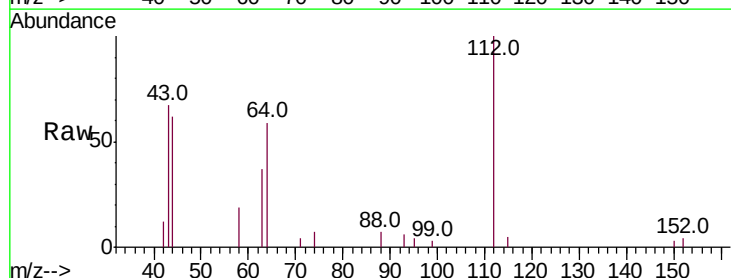
Tgt Ion:112 Resp: 1981

Ion Ratio Lower Upper

112 100

64 61.5 49.7 74.5

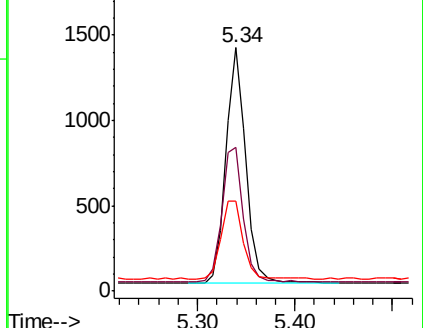
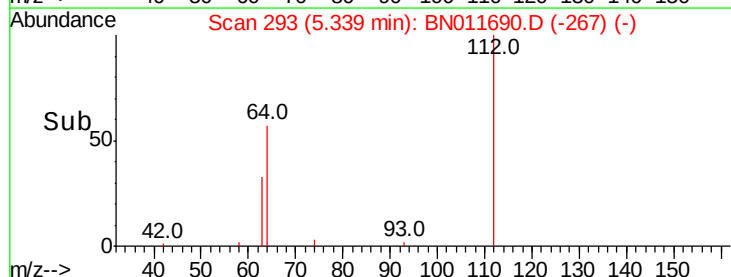
63 37.9 29.4 44.0

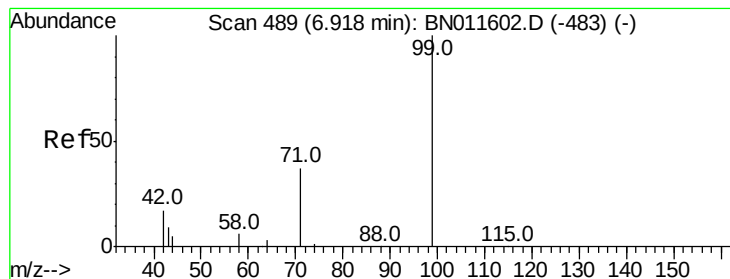


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.241 ng

RT: 6.90 min Scan# 487

Delta R.T. 0.00 min

Lab File: BN011690.D

Acq: 03 Sep 2020 09:52

Instrument :

BNA_N

ClientSampleId :

PB131363BL

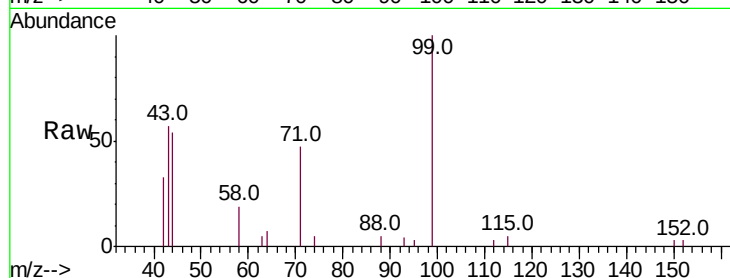
Tot Ion: 99 Resp: 2468

Ion Ratio Lower Upper

99 100

42 25.5 20.2 30.2

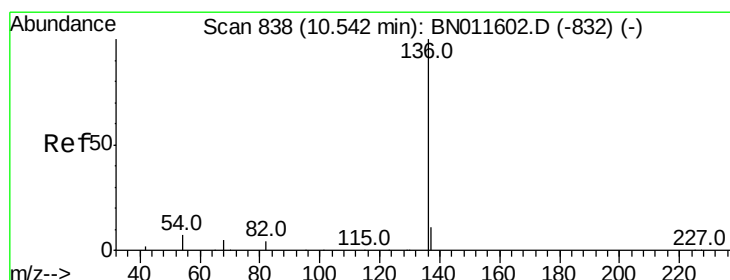
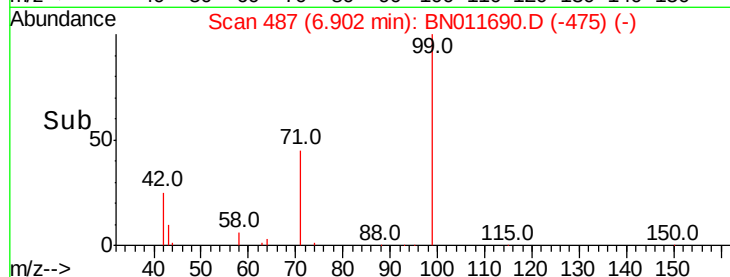
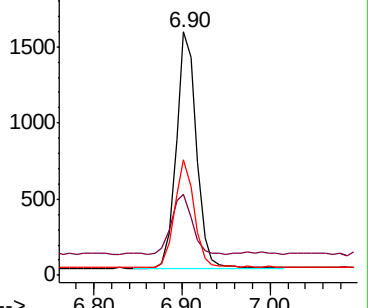
71 45.0 33.3 49.9



Abundance Ion 99.00 (98.70 to 99.70): BN011602.D (-483) (-)

Ion 42.00 (41.70 to 42.70): BN011602.D (-483) (-)

Ion 71.00 (70.70 to 71.70): BN011602.D (-483) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.53 min Scan# 837

Delta R.T. 0.00 min

Lab File: BN011690.D

Acq: 03 Sep 2020 09:52

Tgt Ion: 136 Resp: 9653

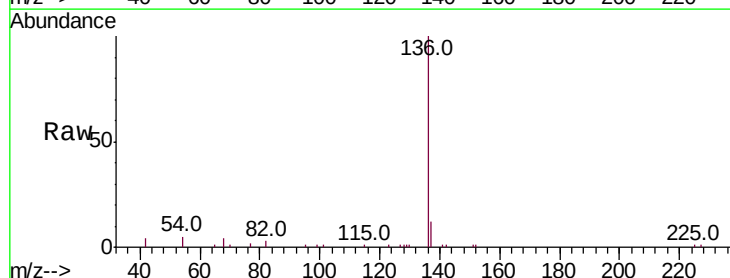
Ion Ratio Lower Upper

136 100

137 11.9 9.3 13.9

54 5.2 5.8 8.8#

68 3.6 4.1 6.1#

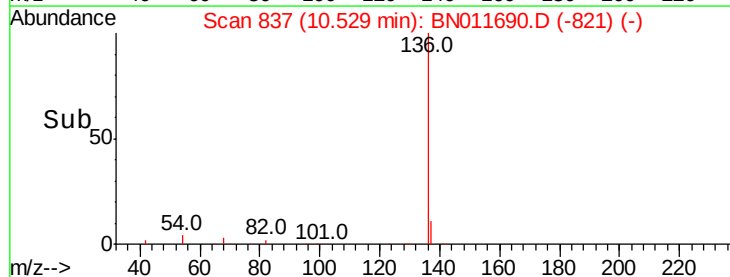
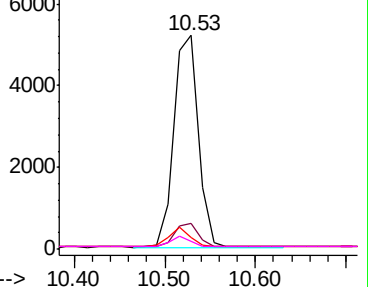


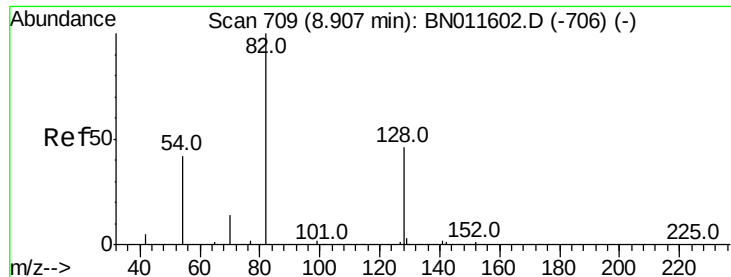
Abundance Ion 136.00 (135.70 to 136.70): BN011602.D (-832) (-)

Ion 137.00 (136.70 to 137.70): BN011602.D (-832) (-)

Ion 54.00 (53.70 to 54.70): BN011602.D (-832) (-)

Ion 68.00 (67.70 to 68.70): BN011602.D (-832) (-)





#8

Nitrobenzene-d5

Concen: 0.286 ng

RT: 8.88 min Scan# 707

Delta R.T. 0.00 min

Lab File: BN011690.D

Acq: 03 Sep 2020 09:52

Instrument :

BNA_N

ClientSampleId :

PB131363BL

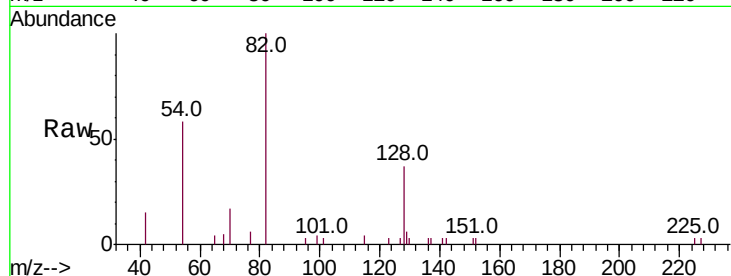
Tot Ion: 82 Resp: 2677

Ion Ratio Lower Upper

82 100

128 37.0 26.2 39.2

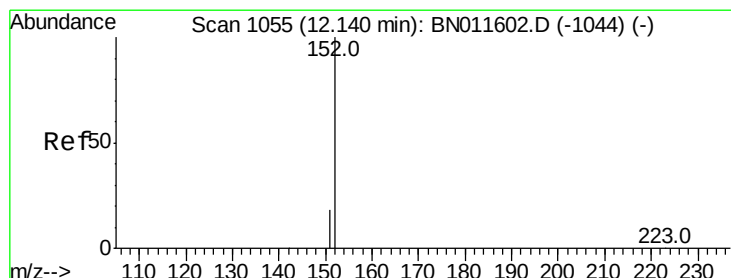
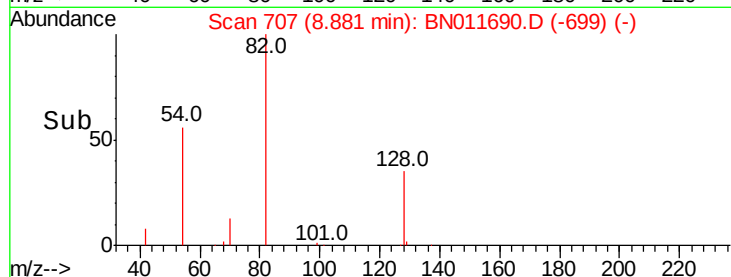
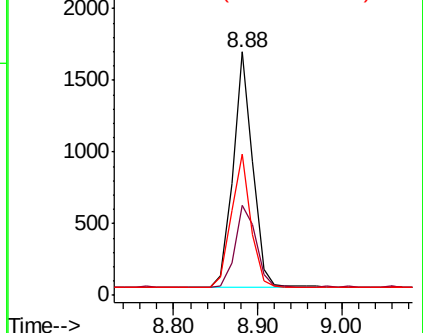
54 58.0 48.2 72.4



Abundance Ion 82.00 (81.70 to 82.70): BN011602.D (-706) (-)

Ion 128.00 (127.70 to 128.70): BN011602.D (-706) (-)

Ion 54.00 (53.70 to 54.70): BN011602.D (-706) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.262 ng

RT: 12.12 min Scan# 1050

Delta R.T. 0.00 min

Lab File: BN011690.D

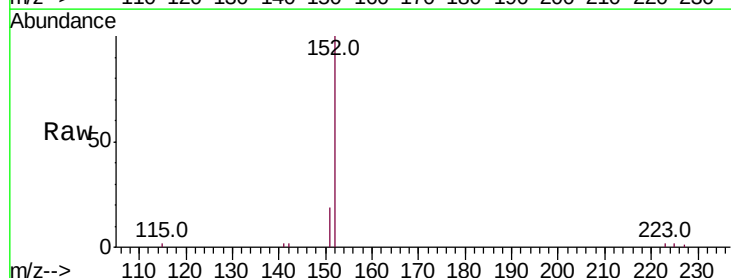
Acq: 03 Sep 2020 09:52

Tgt Ion: 152 Resp: 4562

Ion Ratio Lower Upper

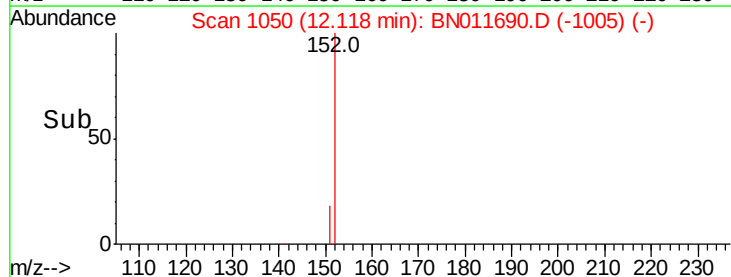
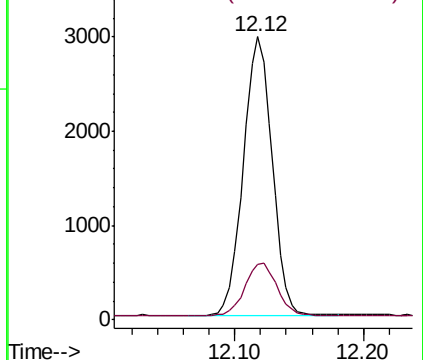
152 100

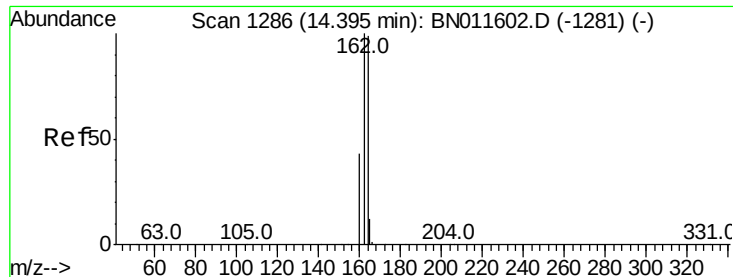
151 20.6 16.7 25.1



Abundance Ion 152.00 (151.70 to 152.70): BN011602.D (-1044) (-)

Ion 151.00 (150.70 to 151.70): BN011602.D (-1044) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.38 min Scan# 1285

Delta R.T. 0.00 min

Lab File: BN011690.D

Acq: 03 Sep 2020 09:52

Instrument :

BNA_N

ClientSampleId :

PB131363BL

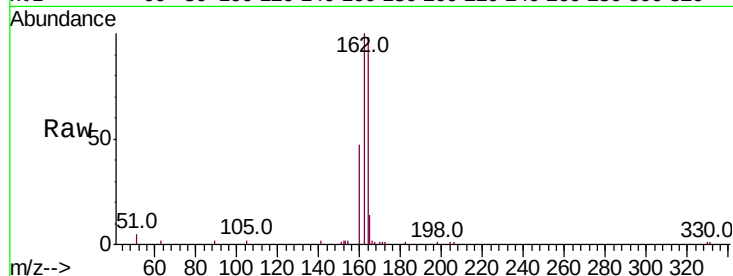
Tot Ion:164 Resp: 5442

Ion Ratio Lower Upper

164 100

162 102.2 81.4 122.0

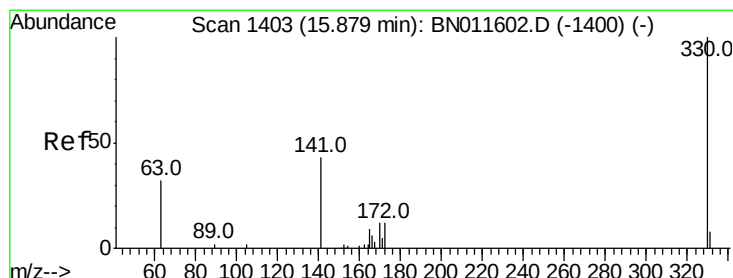
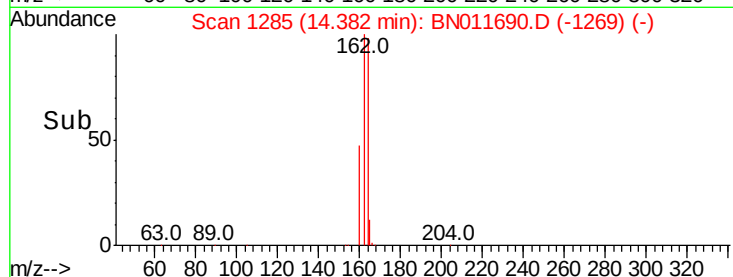
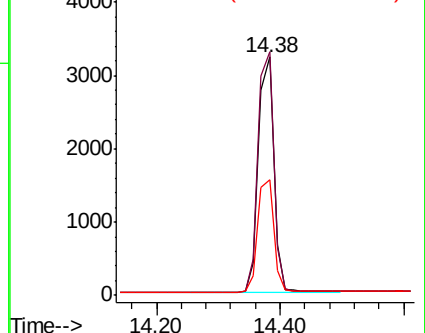
160 48.5 38.5 57.7



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: 0.242 ng

RT: 15.87 min Scan# 1402

Delta R.T. 0.00 min

Lab File: BN011690.D

Acq: 03 Sep 2020 09:52

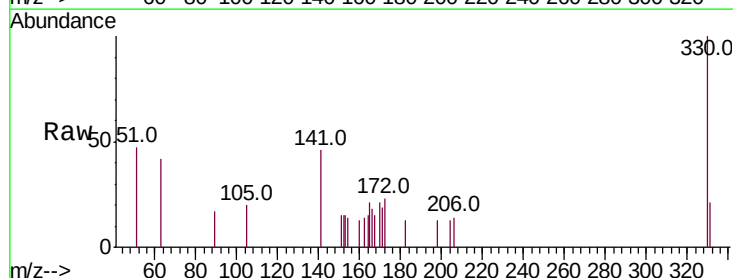
Tgt Ion:330 Resp: 640

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

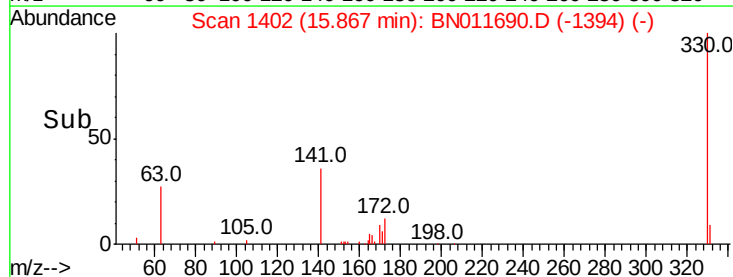
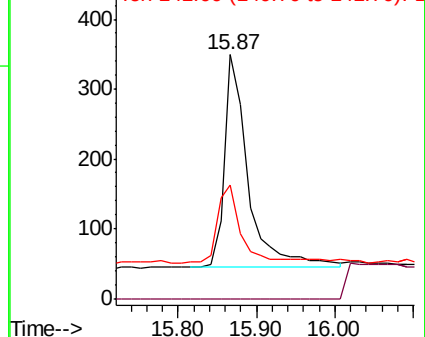
141 38.3 29.8 44.8

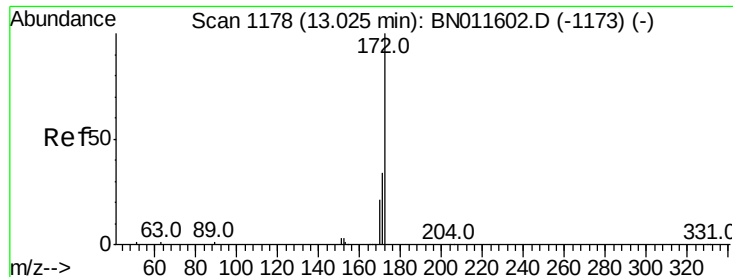


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

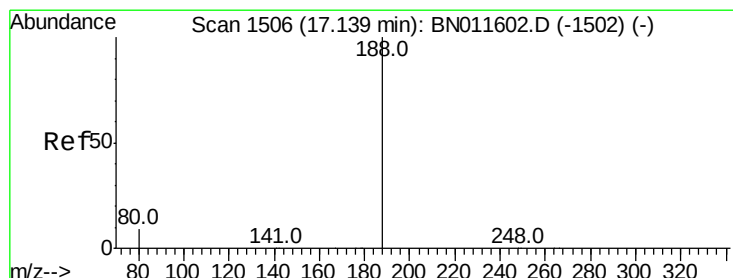
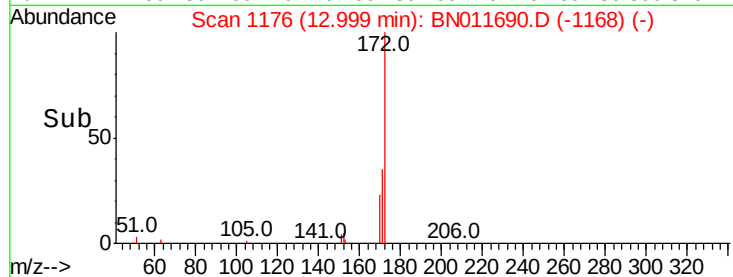
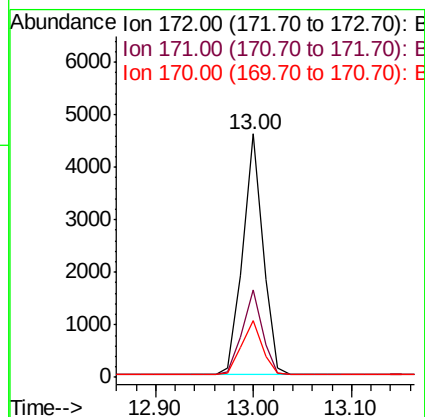
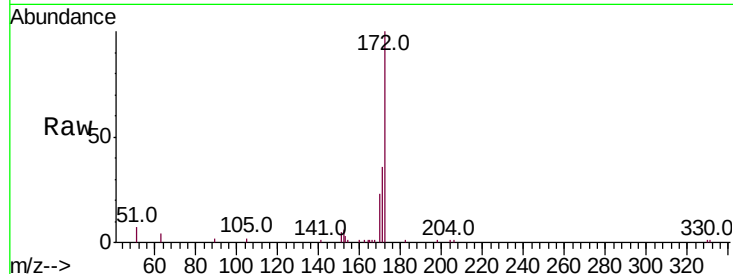




#15
2-Fluorobiphenyl
Concen: 0.284 ng
RT: 13.00 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BN011690.D
Acq: 03 Sep 2020 09:52

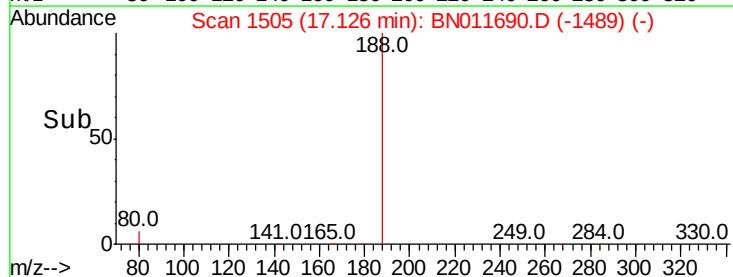
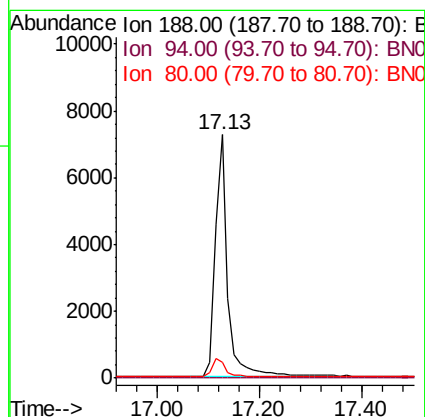
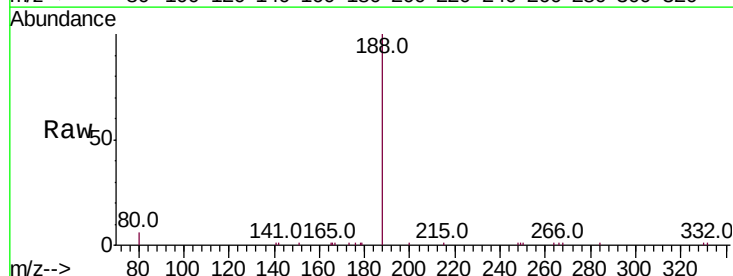
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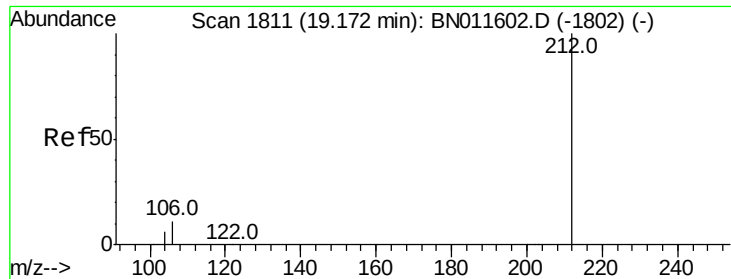
Tot Ion:172 Resp: 6527
Ion Ratio Lower Upper
172 100
171 36.0 30.0 45.0
170 23.4 20.1 30.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.13 min Scan# 1505
Delta R.T. 0.00 min
Lab File: BN011690.D
Acq: 03 Sep 2020 09:52

Tgt Ion:188 Resp: 12397
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.3 6.6 9.8#

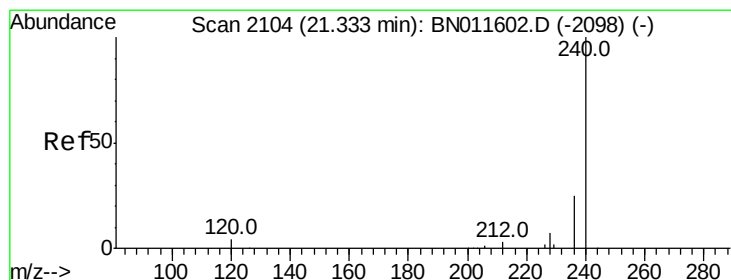
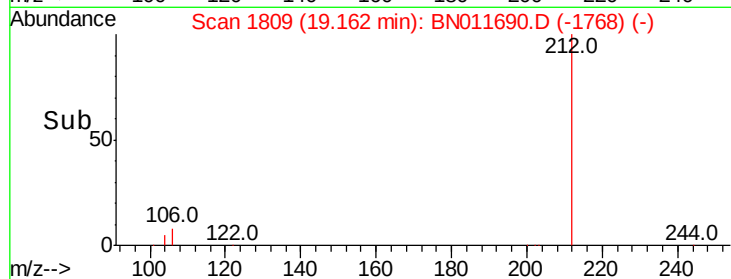
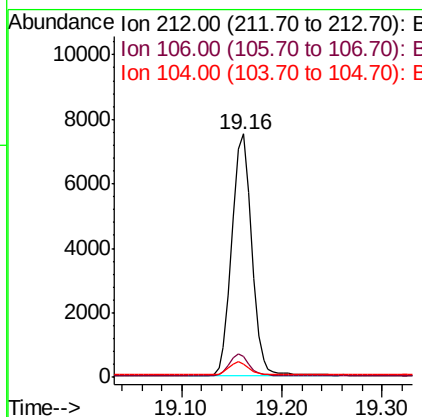
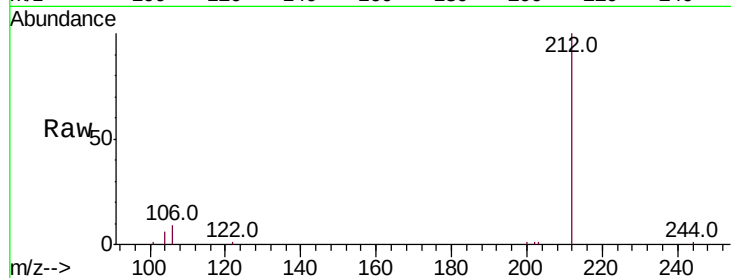




#27
 Fluoranthene-d10
 Concen: 0.258 ng
 RT: 19.16 min Scan# 1809
 Delta R.T. 0.01 min
 Lab File: BN011690.D
 Acq: 03 Sep 2020 09:52

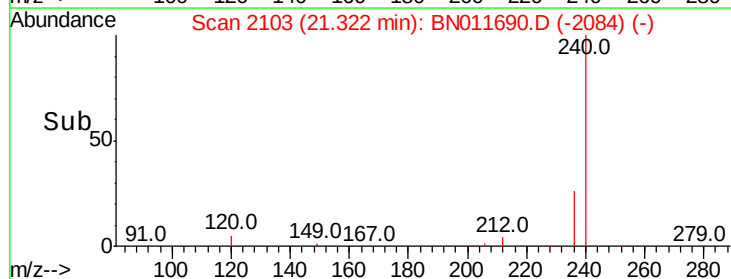
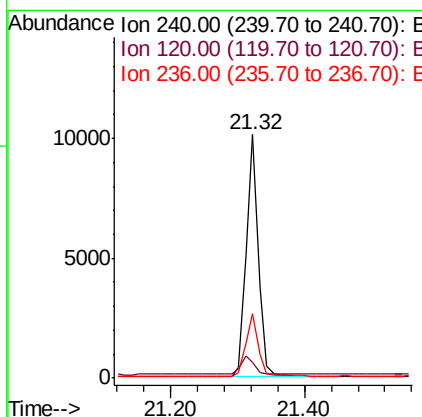
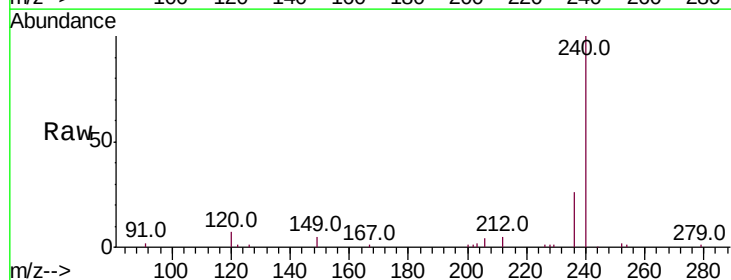
Instrument :
 BNA_N
 ClientSampleId :
 PB131363BL

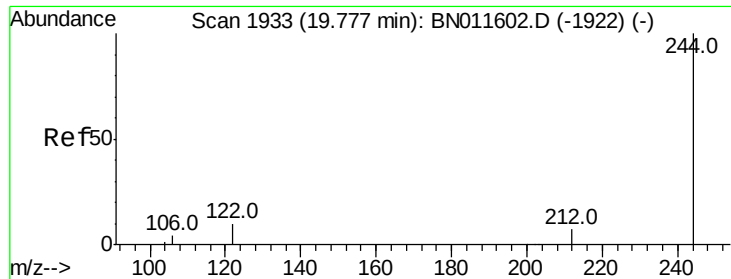
Tot Ion:212 Resp: 10271
 Ion Ratio Lower Upper
 212 100
 106 8.9 7.6 11.4
 104 5.5 4.6 6.8



#29
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.32 min Scan# 2103
 Delta R.T. 0.00 min
 Lab File: BN011690.D
 Acq: 03 Sep 2020 09:52

Tgt Ion:240 Resp: 12910
 Ion Ratio Lower Upper
 240 100
 120 6.5 9.9 14.9#
 236 26.5 22.2 33.4





#31

Terphenyl-d14

Concen: 0.287 ng

RT: 19.76 min Scan# 1930

Delta R.T. 0.00 min

Lab File: BN011690.D

Acq: 03 Sep 2020 09:52

Instrument :

BNA_N

ClientSampleId :

PB131363BL

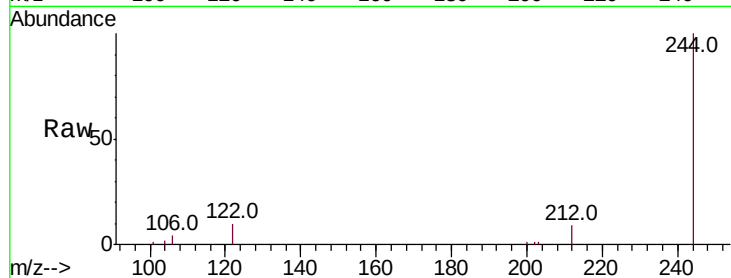
Tot Ion:244 Resp: 9207

Ion Ratio Lower Upper

244 100

212 8.9 6.5 9.7

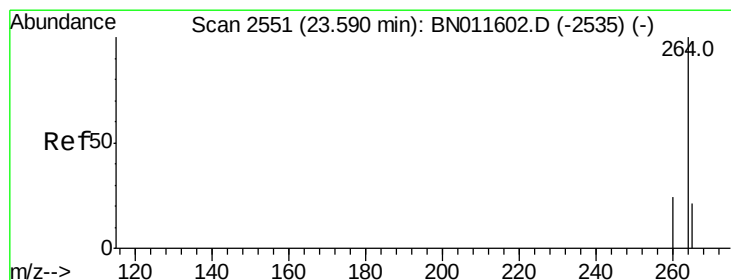
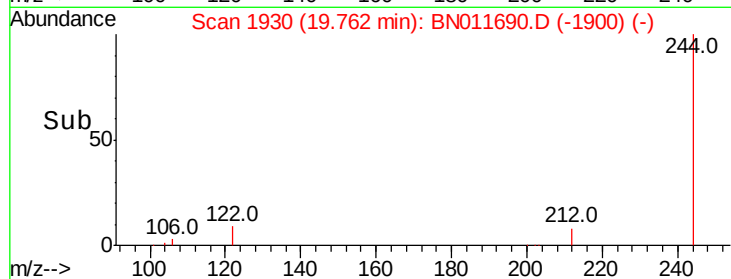
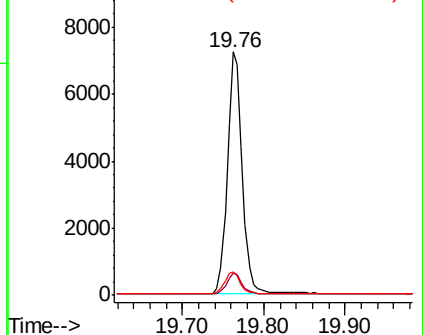
122 9.8 7.4 11.2



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



#36

Perylene-d12

Concen: 0.400 ng

RT: 23.58 min Scan# 2548

Delta R.T. 0.00 min

Lab File: BN011690.D

Acq: 03 Sep 2020 09:52

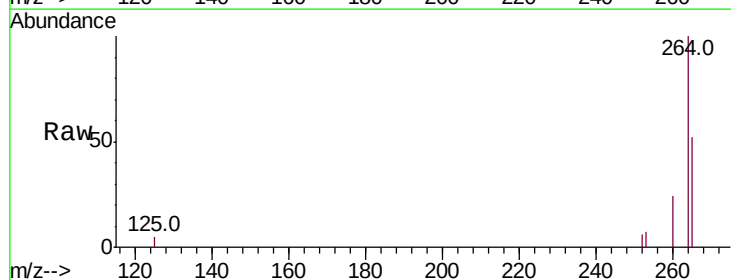
Tgt Ion:264 Resp: 12445

Ion Ratio Lower Upper

264 100

260 24.3 19.8 29.6

265 52.3 38.9 58.3



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

