

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082520\
 Data File : BN011612.D
 Acq On : 25 Aug 2020 13:00
 Operator : CG/JU
 Sample : PB131047BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB131047BL

Quant Time: Aug 25 13:40:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 25 03:31:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	2789	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	11336	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	7192	0.40	ng	0.00
19) Phenanthrene-d10	17.14	188	16381	0.40	ng	0.00
29) Chrysene-d12	21.33	240	16912	0.40	ng	0.00
36) Perylene-d12	23.60	264	17732	0.40	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.35	112	3785	0.42	ng	0.00
5) Phenol-d6	6.92	99	4971	0.39	ng	0.00
8) Nitrobenzene-d5	8.89	82	5506	0.56	ng	-0.01
11) 2-Methylnaphthalene-d10	12.14	152	6449	0.30	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	1500	0.38	ng	0.00
15) 2-Fluorobiphenyl	13.02	172	15304	0.55	ng	0.00
27) Fluoranthene-d10	19.18	212	16280	0.30	ng	0.00
31) Terphenyl-d14	19.78	244	28522	0.66	ng	0.00

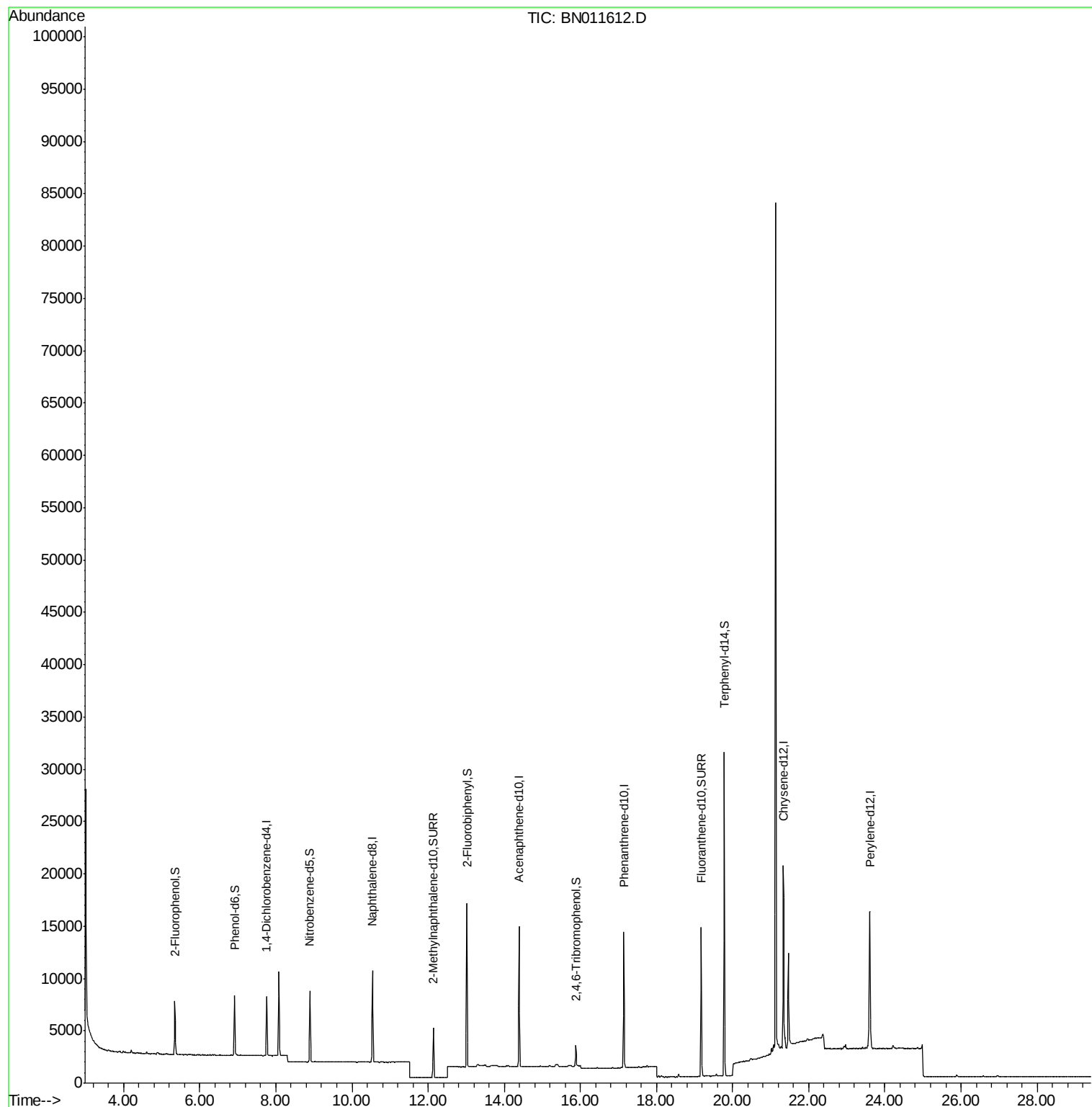
Target Compounds	Qvalue
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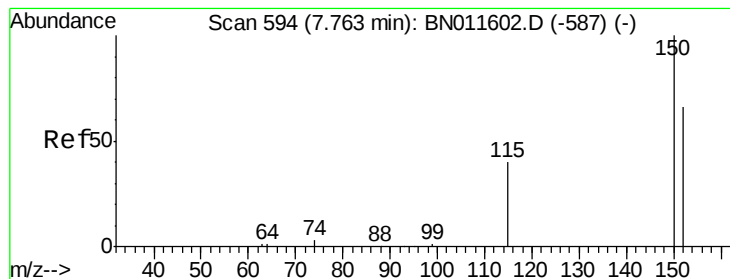
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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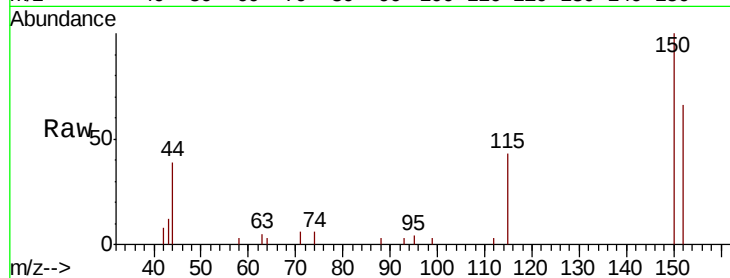


#1

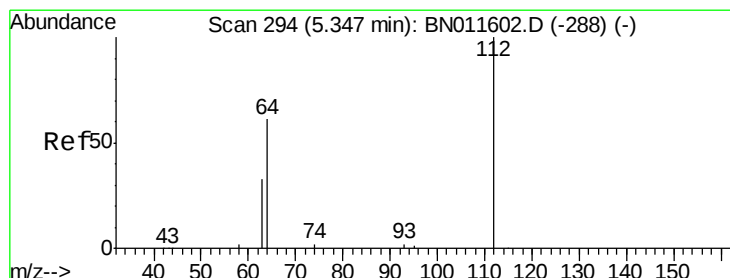
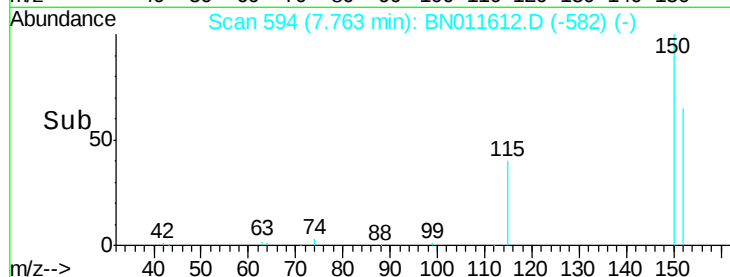
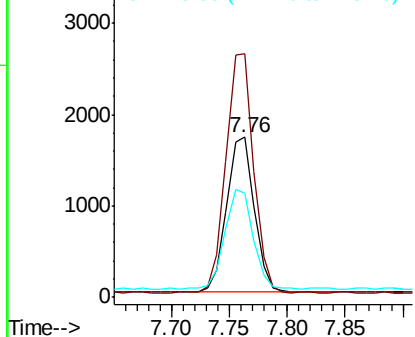
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 594
Delta R.T. -0.00 min
Lab File: BN011612.D
Acq: 25 Aug 2020 13:00

Instrument :
BNA_N
ClientSampleId :
PB131047BL

Tot Ion:152 Resp: 2789
Ion Ratio Lower Upper
152 100
150 152.1 112.4 168.6
115 65.0 56.9 85.3



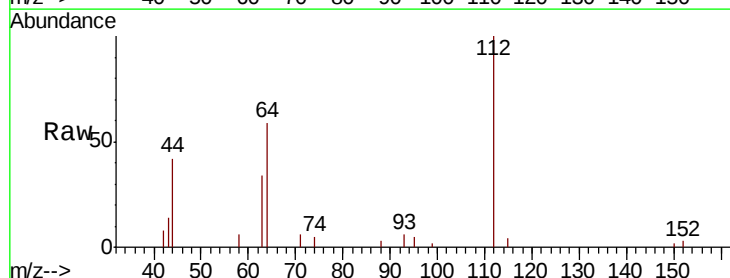
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



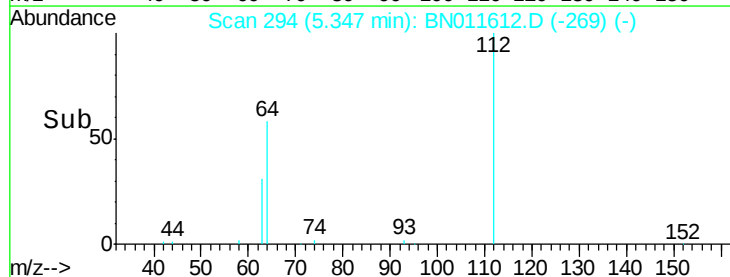
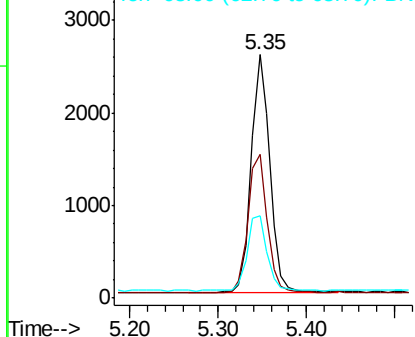
#4

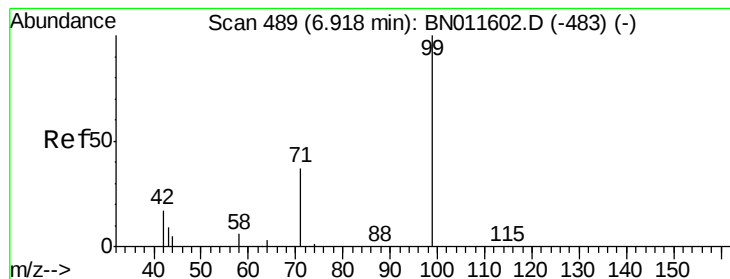
2-Fluorophenol
Concen: 0.424 ng
RT: 5.35 min Scan# 294
Delta R.T. -0.00 min
Lab File: BN011612.D
Acq: 25 Aug 2020 13:00

Tgt Ion:112 Resp: 3785
Ion Ratio Lower Upper
112 100
64 60.5 49.6 74.4
63 33.9 26.4 39.6



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: 0.394 ng

RT: 6.92 min Scan# 489

Delta R.T. -0.00 min

Lab File: BN011612.D

Acq: 25 Aug 2020 13:00

Instrument :

BNA_N

ClientSampleId :

PB131047BL

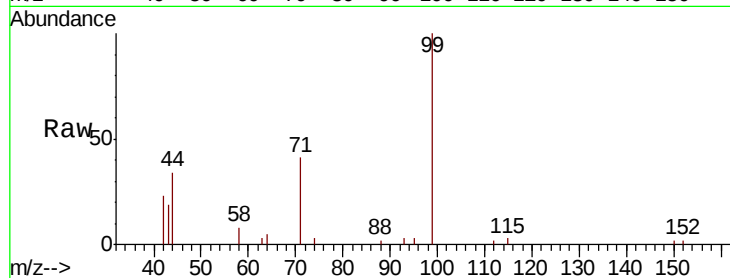
Tot Ion: 99 Resp: 4971

Ion Ratio Lower Upper

99 100

42 20.7 0.0 0.0#

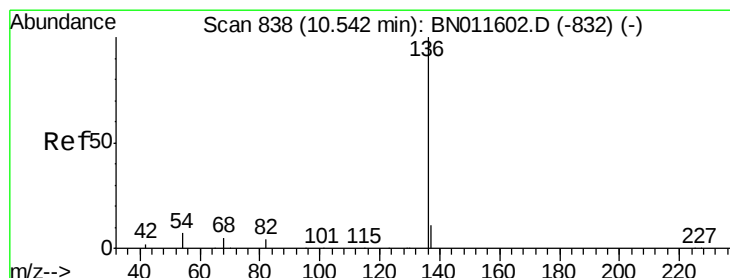
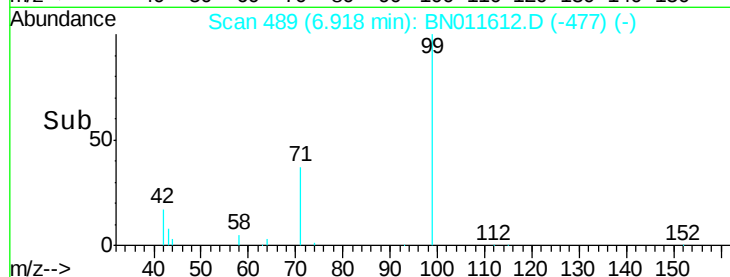
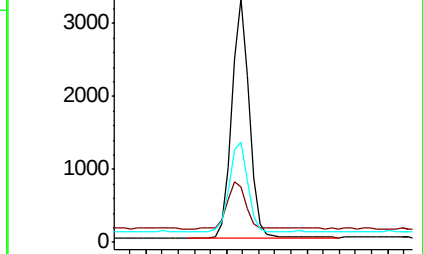
71 39.3 0.0 0.0#



Abundance Ion 99.00 (98.70 to 99.70): BN011612.D (-483) (-)

Ion 42.00 (41.70 to 42.70): BN011612.D (-483) (-)

Ion 71.00 (70.70 to 71.70): BN011612.D (-483) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.54 min Scan# 838

Delta R.T. -0.00 min

Lab File: BN011612.D

Acq: 25 Aug 2020 13:00

Tgt Ion: 136 Resp: 11336

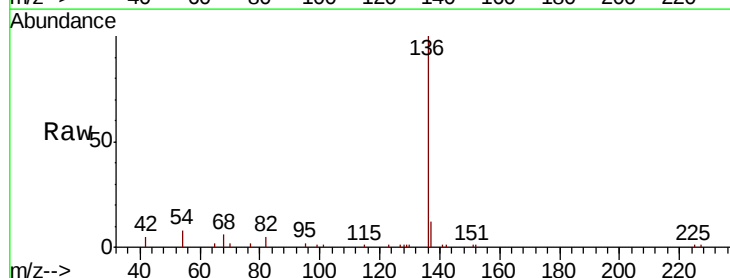
Ion Ratio Lower Upper

136 100

137 11.9 11.5 17.3

54 8.1 11.9 17.9#

68 6.2 12.3 18.5#

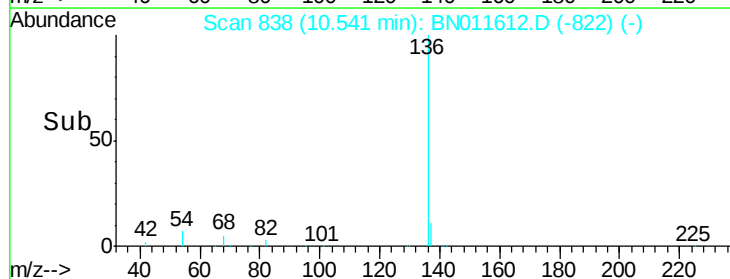
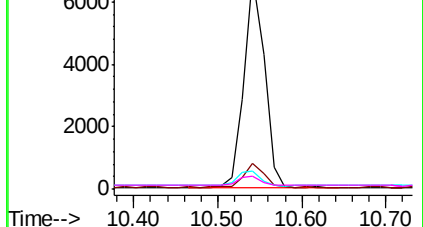


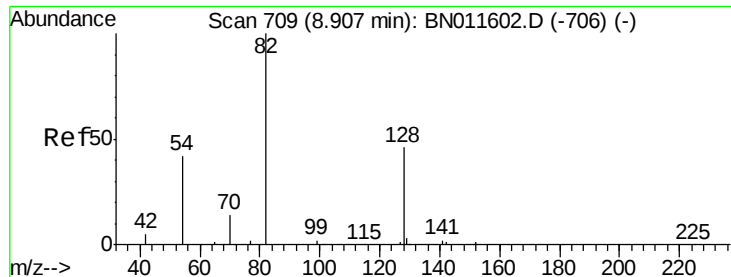
Abundance Ion 136.00 (135.70 to 136.70): BN011612.D (-832) (-)

Ion 137.00 (136.70 to 137.70): BN011612.D (-832) (-)

Ion 54.00 (53.70 to 54.70): BN011612.D (-832) (-)

Ion 68.00 (67.70 to 68.70): BN011612.D (-832) (-)

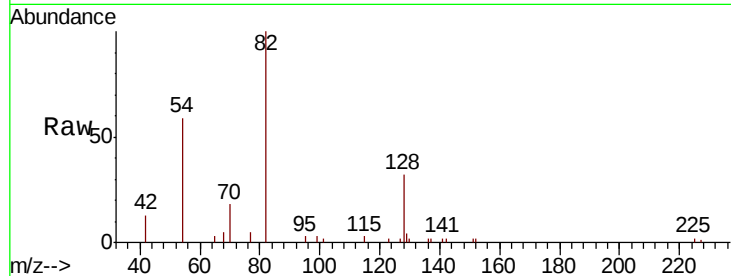




#8
 Nitrobenzene-d5
 Concen: 0.561 ng
 RT: 8.89 min Scan# 708
 Delta R.T. -0.01 min
 Lab File: BN011612.D
 Acq: 25 Aug 2020 13:00

Instrument :
 BNA_N
 ClientSampleId :
 PB131047BL

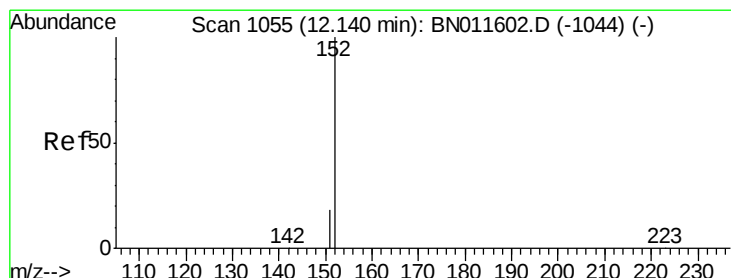
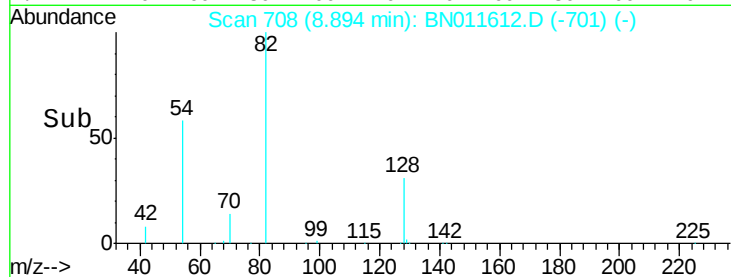
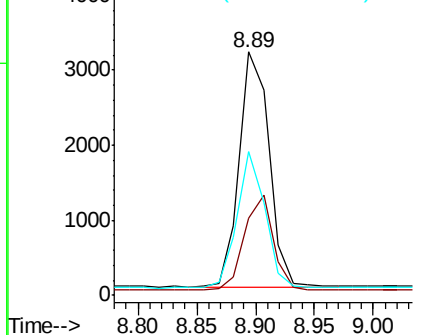
Tot Ion	82	Resp	5506
Ion Ratio	Lower	Upper	
82	100		
128	31.9	31.1	46.7
54	59.0	37.1	55.7#



Abundance Ion 82.00 (81.70 to 82.70): BN011612.D (-706) (-)

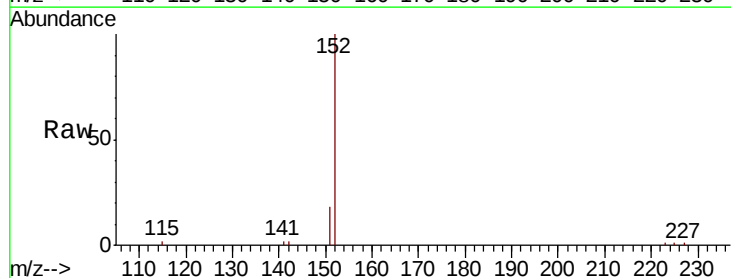
Ion 128.00 (127.70 to 128.70): BN011612.D (-706) (-)

Ion 54.00 (53.70 to 54.70): BN011612.D (-706) (-)



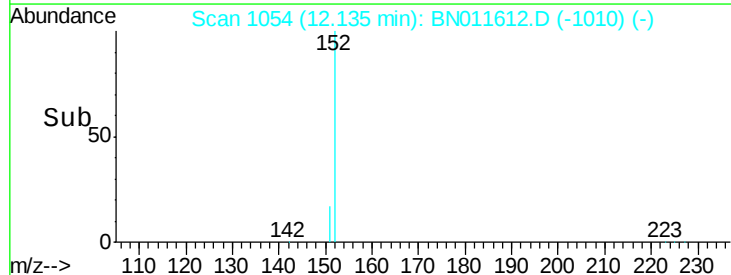
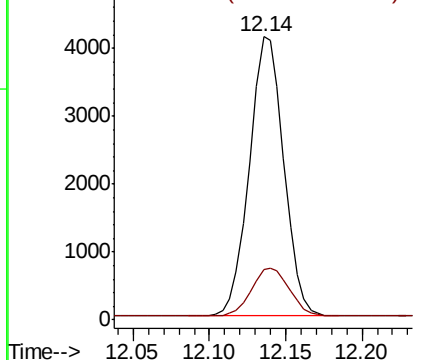
#11
 2-Methylnaphthalene-d10
 Concen: 0.300 ng
 RT: 12.14 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: BN011612.D
 Acq: 25 Aug 2020 13:00

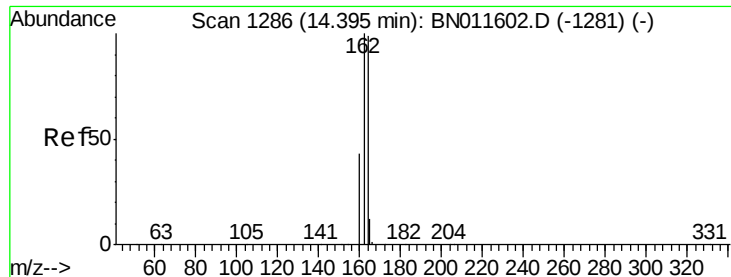
Tgt Ion	152	Resp	6449
Ion Ratio	Lower	Upper	
152	100		
151	19.1	16.4	24.6



Abundance Ion 152.00 (151.70 to 152.70): BN011612.D (-1010) (-)

Ion 151.00 (150.70 to 151.70): BN011612.D (-1010) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.39 min Scan# 1286

Delta R.T. -0.00 min

Lab File: BN011612.D

Acq: 25 Aug 2020 13:00

Instrument :

BNA_N

ClientSampleId :

PB131047BL

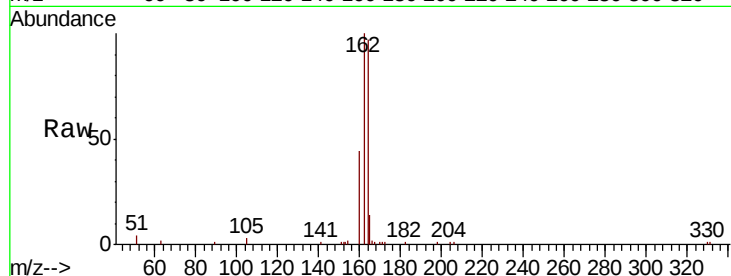
Tot Ion:164 Resp: 7192

Ion Ratio Lower Upper

164 100

162 103.6 80.8 121.2

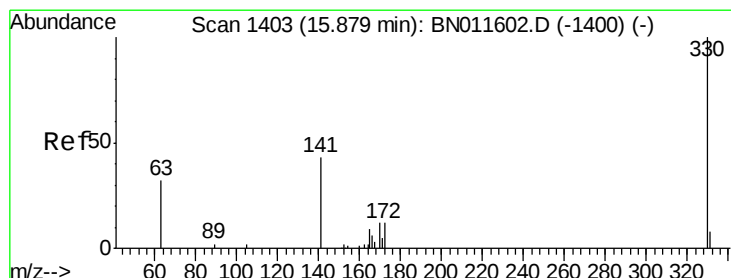
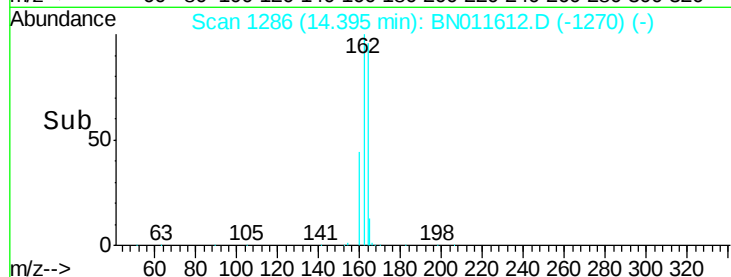
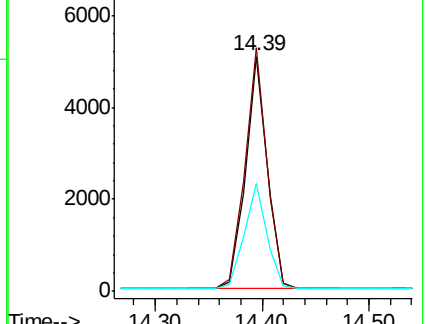
160 45.8 35.6 53.4



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: 0.380 ng

RT: 15.88 min Scan# 1403

Delta R.T. -0.00 min

Lab File: BN011612.D

Acq: 25 Aug 2020 13:00

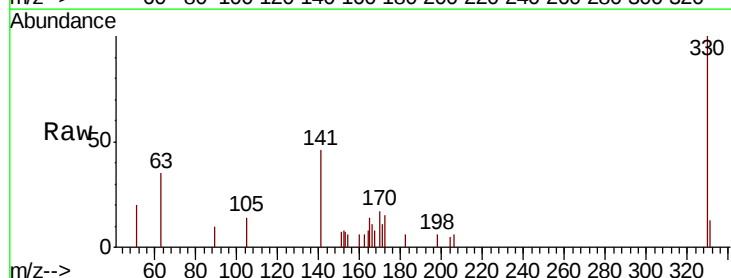
Tgt Ion:330 Resp: 1500

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

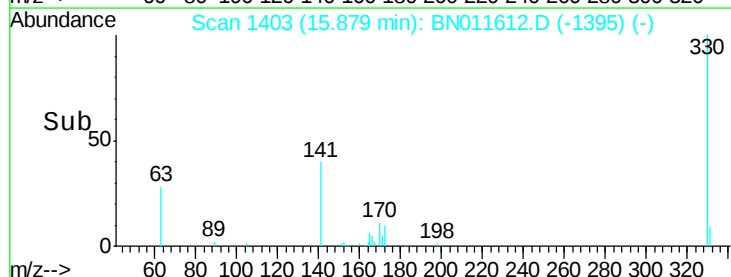
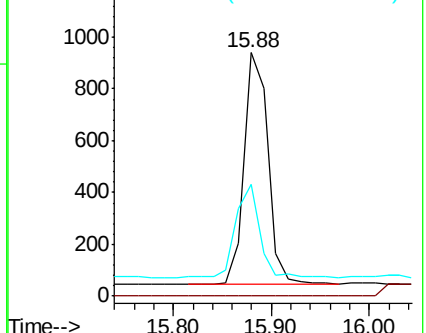
141 41.5 29.4 44.2

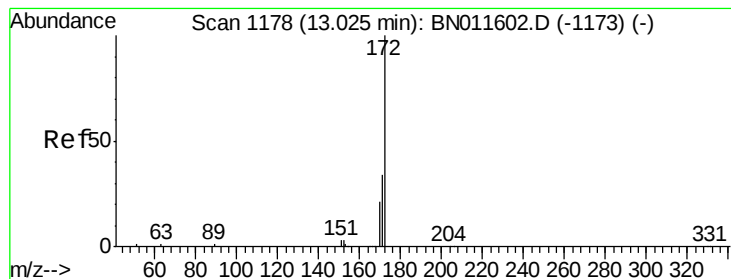


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.547 ng

RT: 13.02 min Scan# 1178

Delta R.T. -0.00 min

Lab File: BN011612.D

Acq: 25 Aug 2020 13:00

Instrument :

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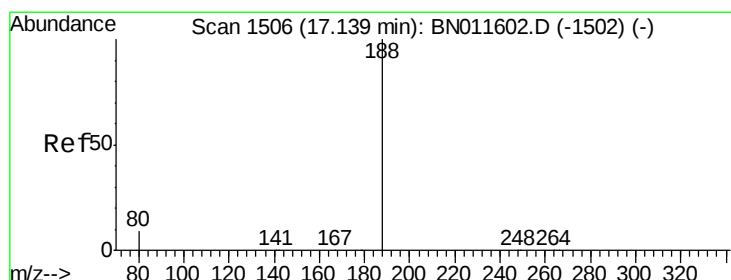
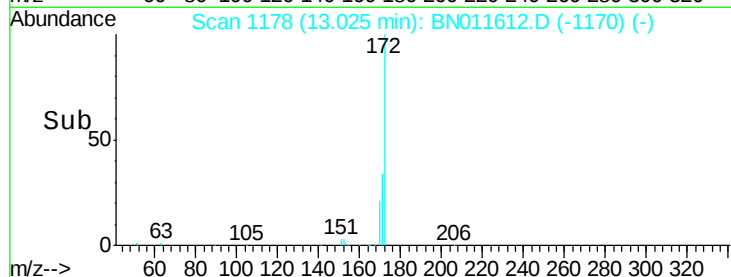
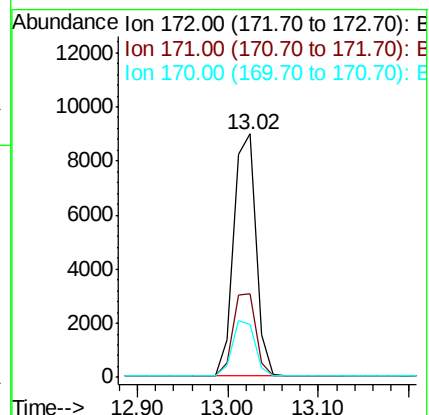
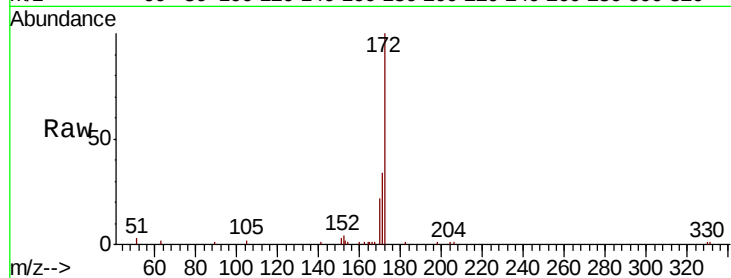
Tot Ion:172 Resp: 15304

Ion Ratio Lower Upper

172 100

171 34.2 28.6 42.8

170 21.8 18.2 27.2



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.14 min Scan# 1506

Delta R.T. -0.00 min

Lab File: BN011612.D

Acq: 25 Aug 2020 13:00

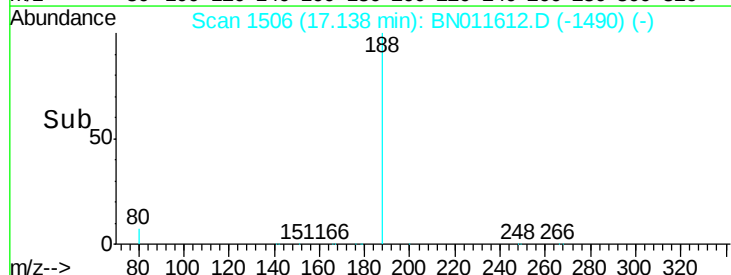
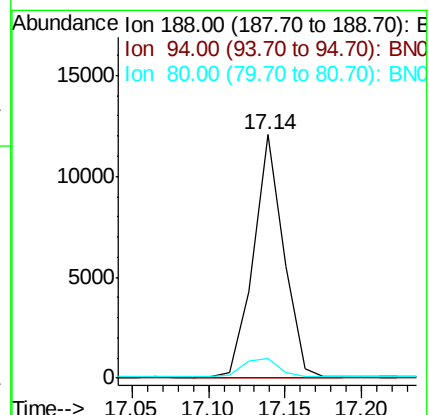
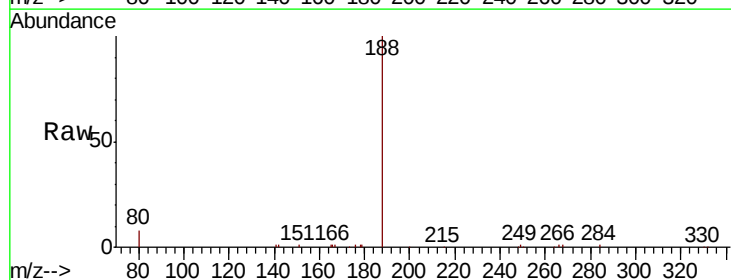
Tgt Ion:188 Resp: 16381

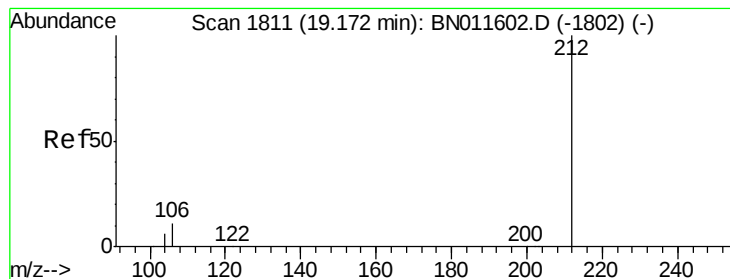
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.1 9.2 13.8#





#27

Fluoranthene-d10

Concen: 0.305 ng

RT: 19.18 min Scan# 1812

Delta R.T. 0.00 min

Lab File: BN011612.D

Acq: 25 Aug 2020 13:00

Instrument :

BNA_N

ClientSampleId :

PB131047BL

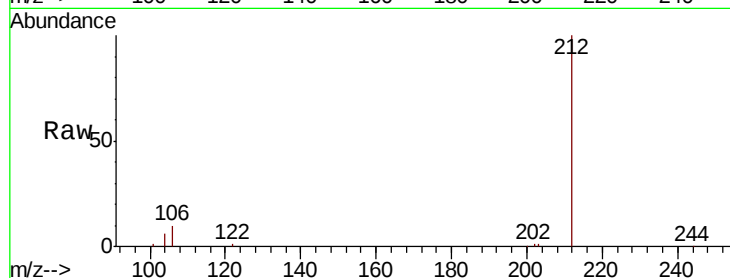
Tot Ion:212 Resp: 16280

Ion Ratio Lower Upper

212 100

106 10.0 8.9 13.3

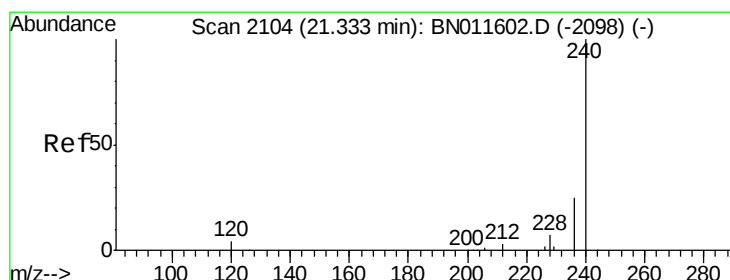
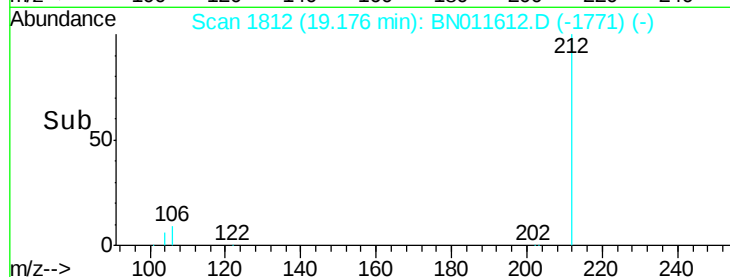
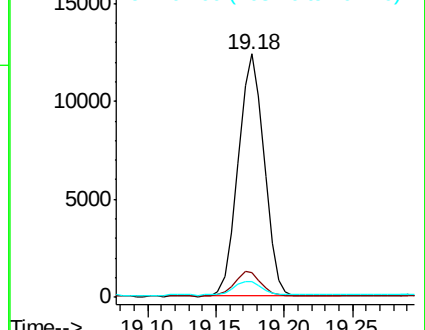
104 6.0 5.3 7.9



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



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.33 min Scan# 2104

Delta R.T. -0.00 min

Lab File: BN011612.D

Acq: 25 Aug 2020 13:00

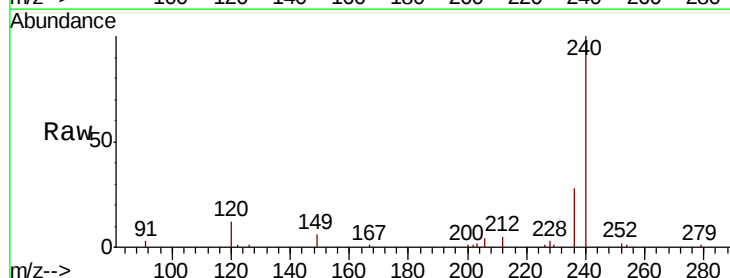
Tgt Ion:240 Resp: 16912

Ion Ratio Lower Upper

240 100

120 12.2 6.0 9.0#

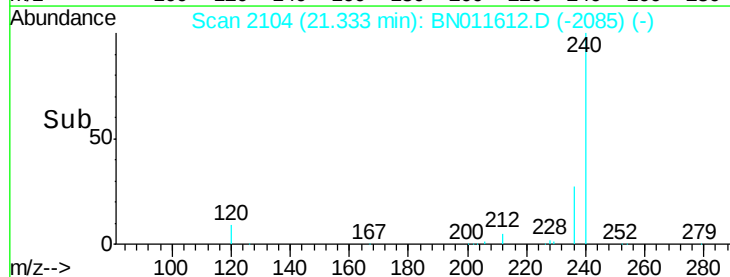
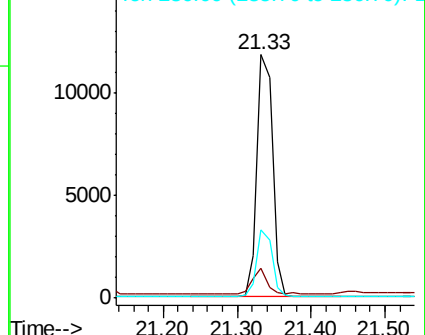
236 28.0 20.8 31.2

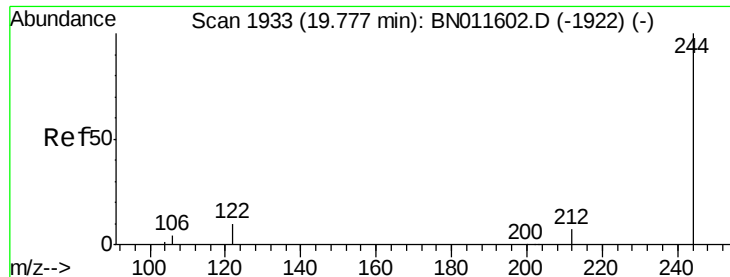


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#31

Terphenyl-d14

Concen: 0.660 ng

RT: 19.78 min Scan# 1934

Delta R.T. 0.00 min

Lab File: BN011612.D

Acq: 25 Aug 2020 13:00

Instrument :

BNA_N

ClientSampleId :

PB131047BL

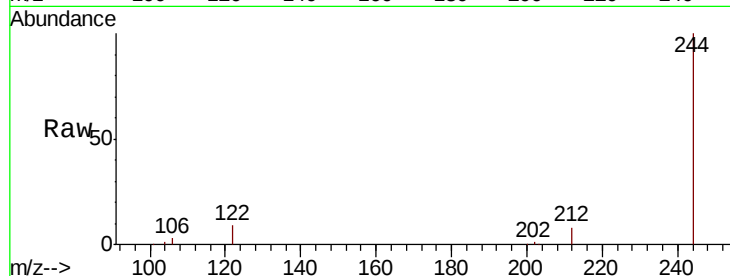
Tot Ion:244 Resp: 28522

Ion Ratio Lower Upper

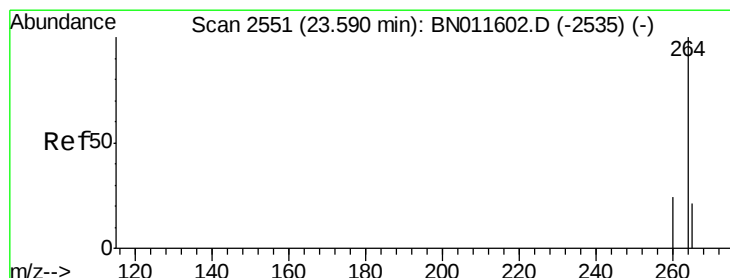
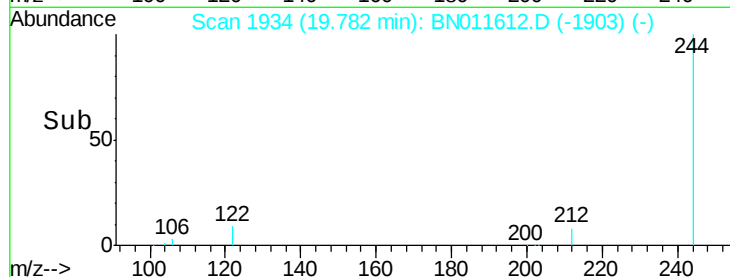
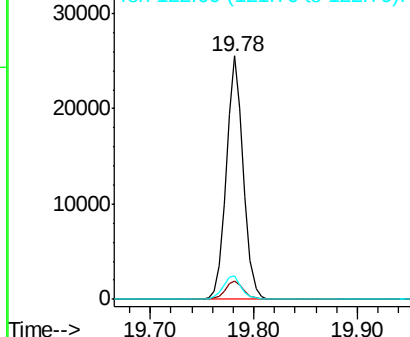
244 100

212 7.8 6.5 9.7

122 9.4 9.5 14.3#



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: 23.60 min Scan# 2555

Delta R.T. 0.01 min

Lab File: BN011612.D

Acq: 25 Aug 2020 13:00

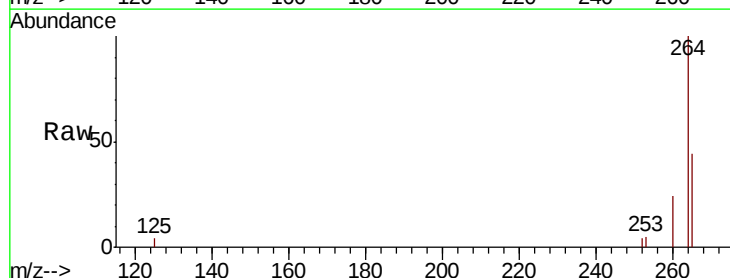
Tgt Ion:264 Resp: 17732

Ion Ratio Lower Upper

264 100

260 24.3 19.6 29.4

265 43.9 40.7 61.1



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

