

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082520\
 Data File : BN011634.D
 Acq On : 26 Aug 2020 02:51
 Operator : CG/JU
 Sample : L3736-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 OUTFALL001-200818

Quant Time: Aug 26 09:05:24 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	2256	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	9223	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	5939	0.40	ng	0.00
19) Phenanthrene-d10	17.14	188	13156	0.40	ng	0.00
29) Chrysene-d12	21.32	240	12640	0.40	ng	-0.01
36) Perylene-d12	23.58	264	13483	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	1030	0.14	ng	0.00
5) Phenol-d6	6.91	99	820	0.08	ng	0.00
8) Nitrobenzene-d5	8.89	82	4263	0.53	ng	-0.01
11) 2-Methylnaphthalene-d10	12.13	152	4790	0.27	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	1213	0.37	ng	0.00
15) 2-Fluorobiphenyl	13.01	172	12118	0.52	ng	-0.01
27) Fluoranthene-d10	19.17	212	13734	0.32	ng	0.00
31) Terphenyl-d14	19.77	244	23595	0.73	ng	0.00

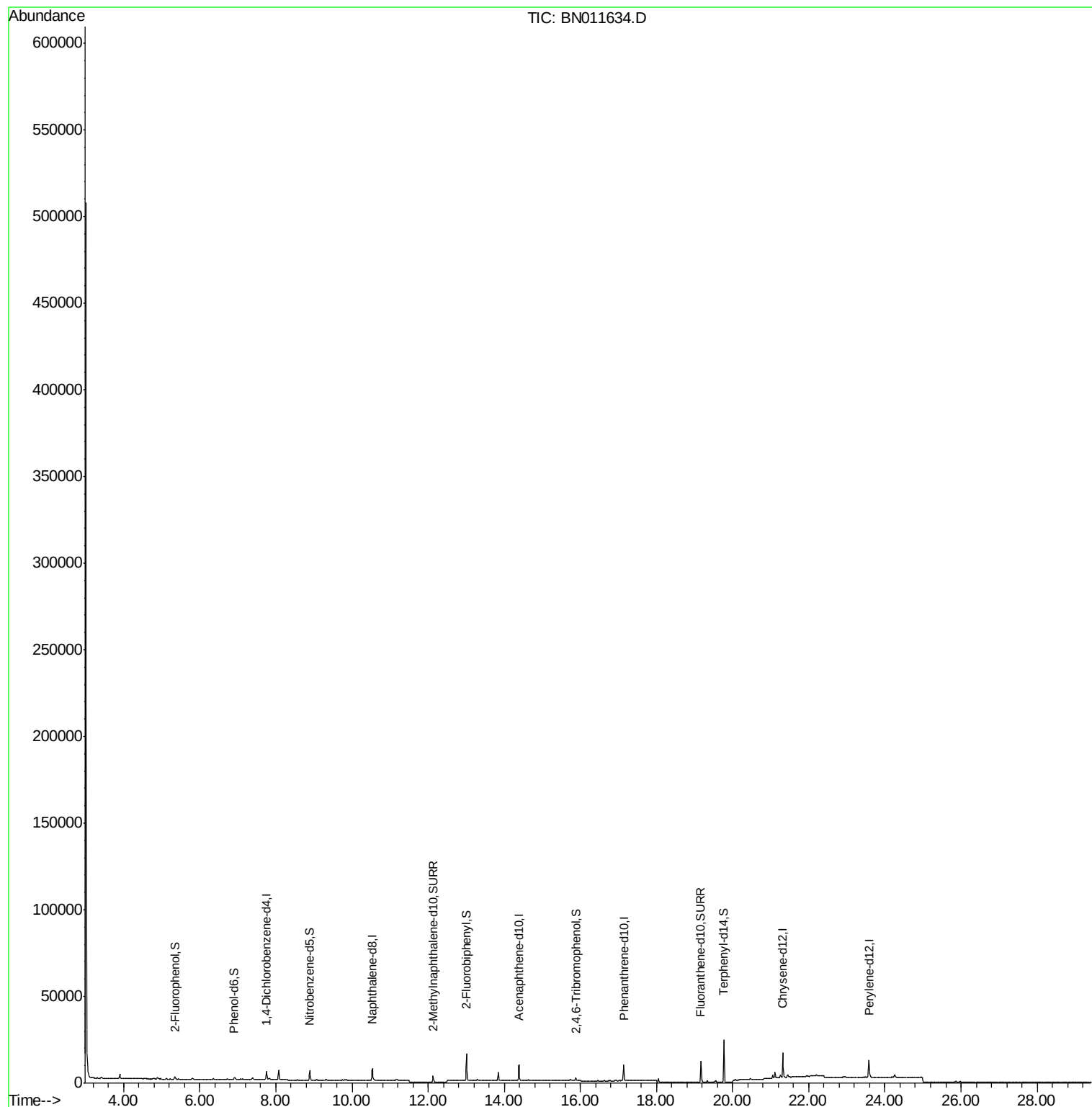
Target Compounds	Qvalue
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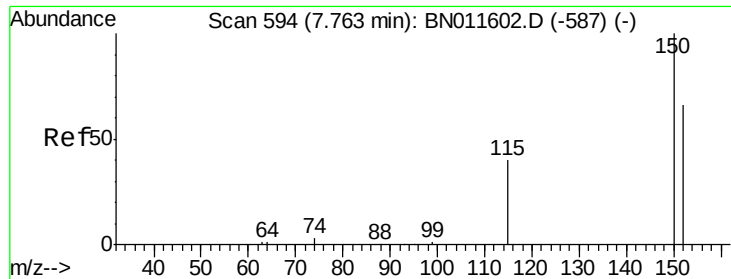
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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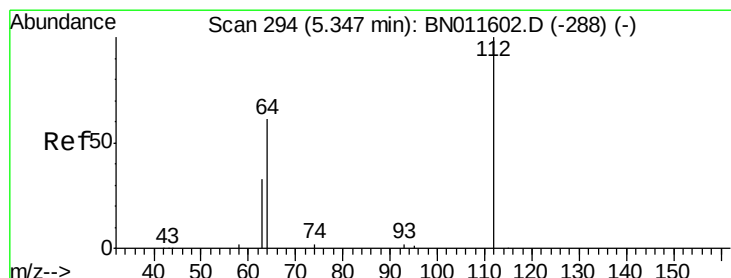
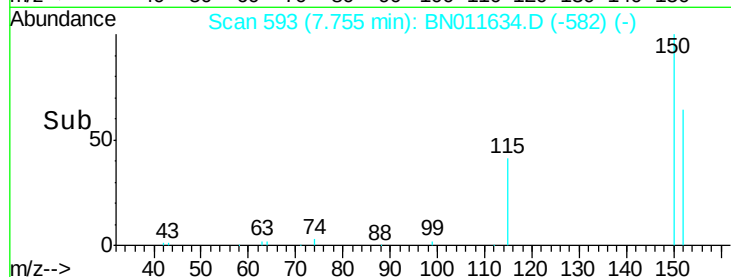
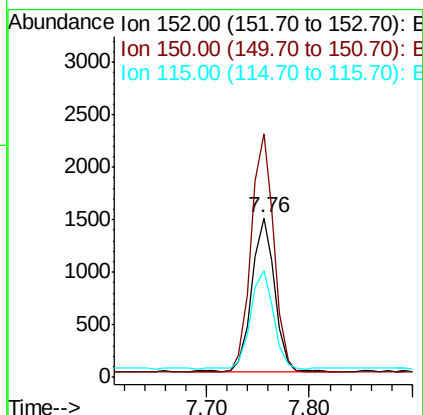
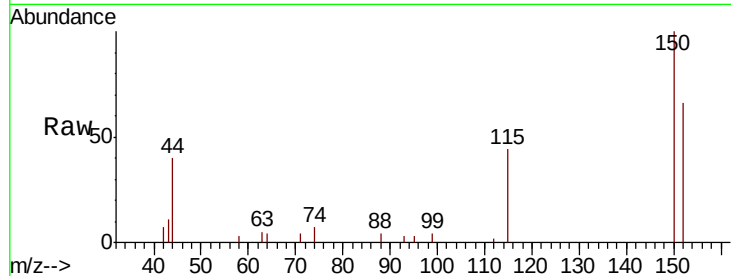


#1

1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.76 min Scan# 593
 Delta R.T. -0.01 min
 Lab File: BN011634.D
 Acq: 26 Aug 2020 02:51

Instrument :
 BNA_N
 ClientSampleId :
 OUTFALL001-200818

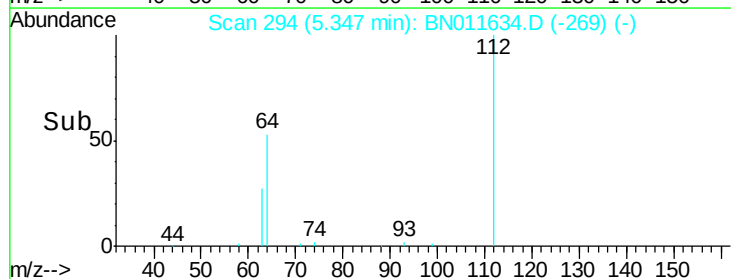
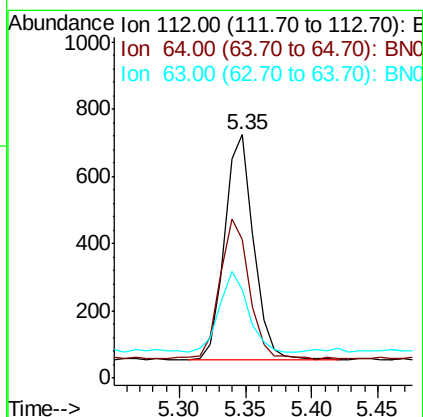
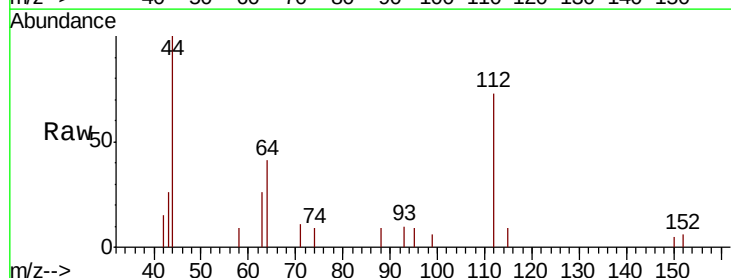
Tot Ion:152 Resp: 2256
 Ion Ratio Lower Upper
 152 100
 150 152.5 112.4 168.6
 115 66.8 56.9 85.3

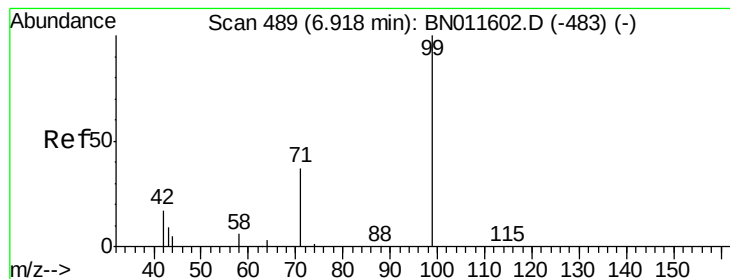


#4

2-Fluorophenol
 Concen: 0.143 ng
 RT: 5.35 min Scan# 294
 Delta R.T. -0.00 min
 Lab File: BN011634.D
 Acq: 26 Aug 2020 02:51

Tgt Ion:112 Resp: 1030
 Ion Ratio Lower Upper
 112 100
 64 62.9 49.6 74.4
 63 35.2 26.4 39.6





#5

Phenol-d6

Concen: 0.080 ng

RT: 6.91 min Scan# 488

Delta R.T. -0.01 min

Lab File: BN011634.D

Acq: 26 Aug 2020 02:51

Instrument :

BNA_N

ClientSampleId :

OUTFALL001-200818

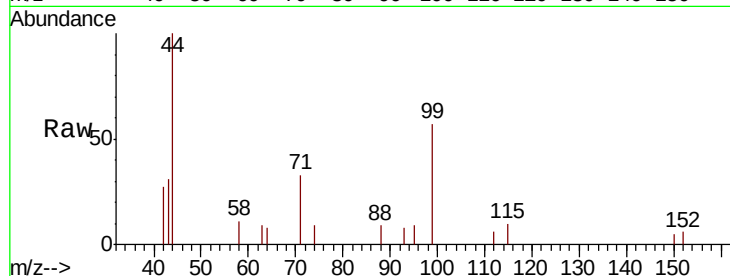
Tot Ion: 99 Resp: 820

Ion Ratio Lower Upper

99 100

42 28.0 0.0 0.0#

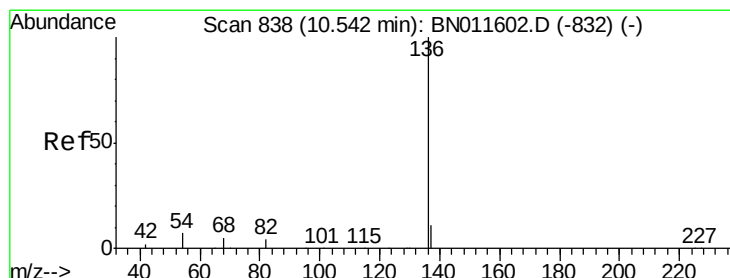
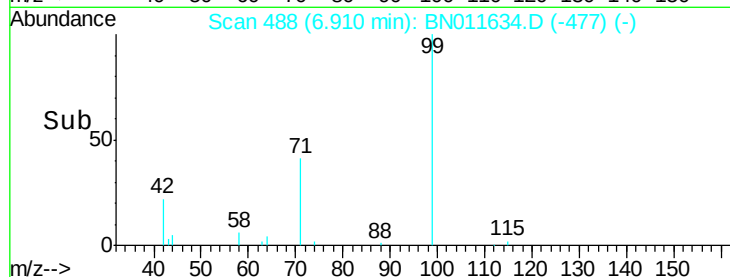
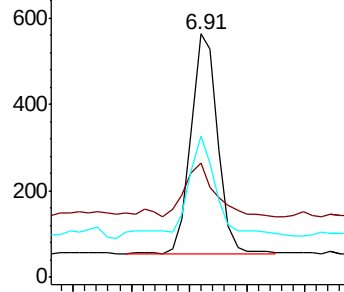
71 46.8 0.0 0.0#



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: 10.54 min Scan# 838

Delta R.T. -0.00 min

Lab File: BN011634.D

Acq: 26 Aug 2020 02:51

Tgt Ion: 136 Resp: 9223

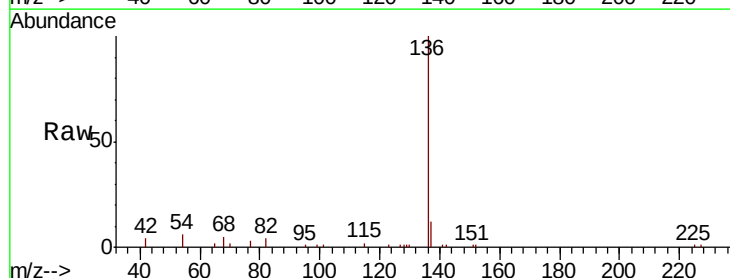
Ion Ratio Lower Upper

136 100

137 11.8 11.5 17.3

54 5.9 11.9 17.9#

68 4.6 12.3 18.5#

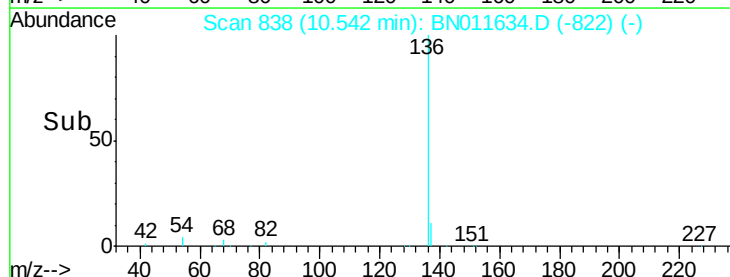
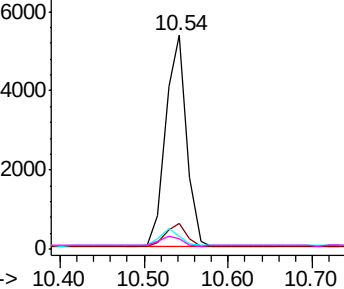


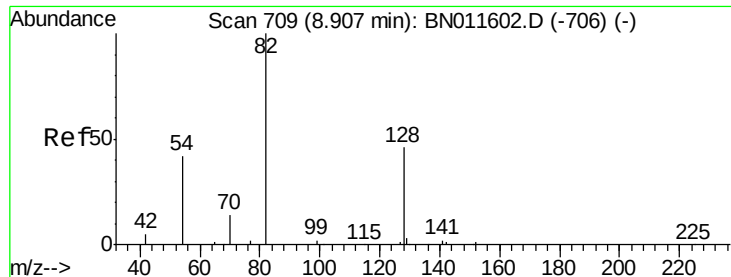
Abundance Ion 136.00 (135.70 to 136.70): BN011602.D (-832) (-)

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: 0.534 ng

RT: 8.89 min Scan# 708

Delta R.T. -0.01 min

Lab File: BN011634.D

Acq: 26 Aug 2020 02:51

Instrument :

BNA_N

ClientSampleId :

OUTFALL001-200818

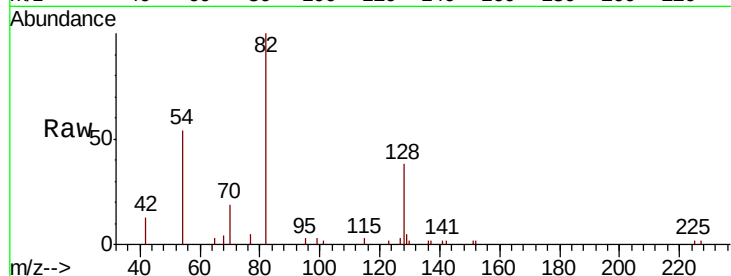
Tot Ion: 82 Resp: 4263

Ion Ratio Lower Upper

82 100

128 37.7 31.1 46.7

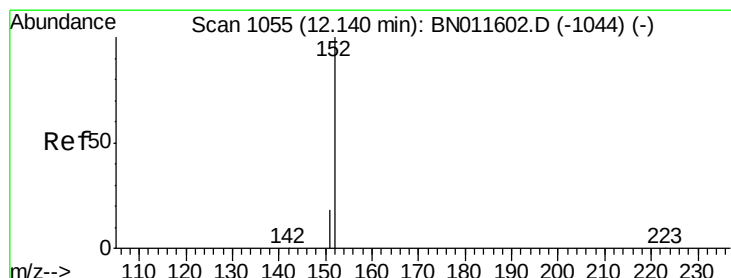
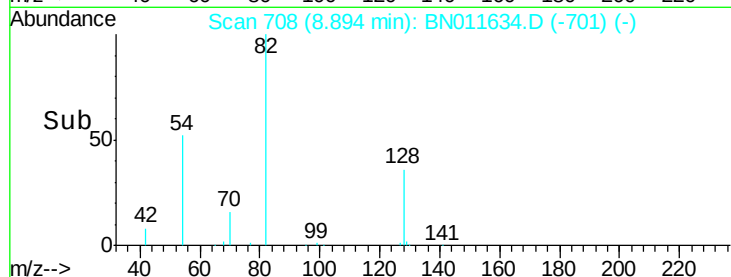
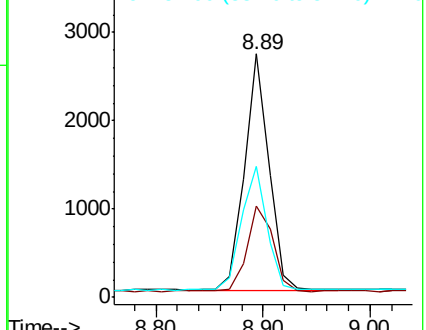
54 53.6 37.1 55.7



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: 0.274 ng

RT: 12.13 min Scan# 1053

Delta R.T. -0.01 min

Lab File: BN011634.D

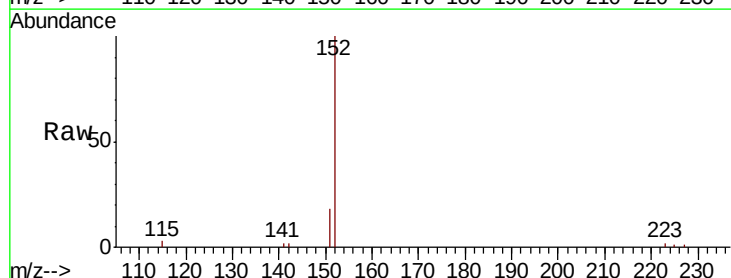
Acq: 26 Aug 2020 02:51

Tgt Ion: 152 Resp: 4790

Ion Ratio Lower Upper

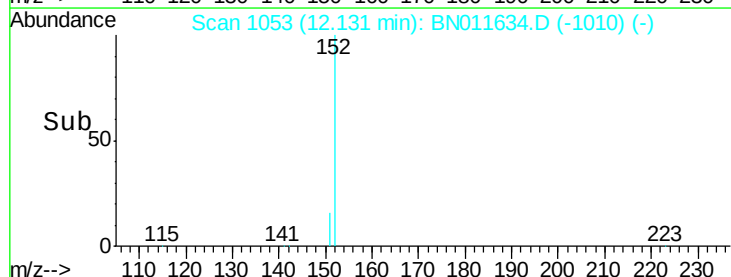
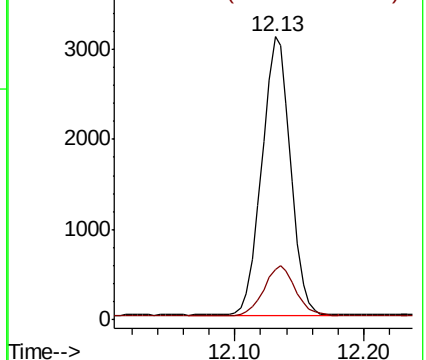
152 100

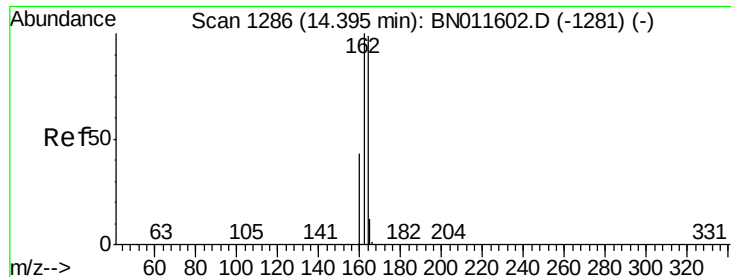
151 19.4 16.4 24.6



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: 14.39 min Scan# 1286

Delta R.T. -0.00 min

Lab File: BN011634.D

Acq: 26 Aug 2020 02:51

Instrument :

BNA_N

ClientSampleId :

OUTFALL001-200818

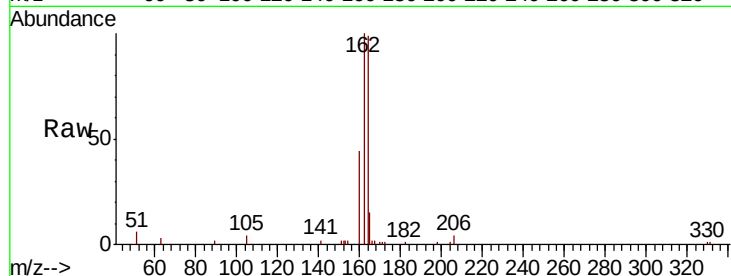
Tot Ion:164 Resp: 5939

Ion Ratio Lower Upper

164 100

162 101.0 80.8 121.2

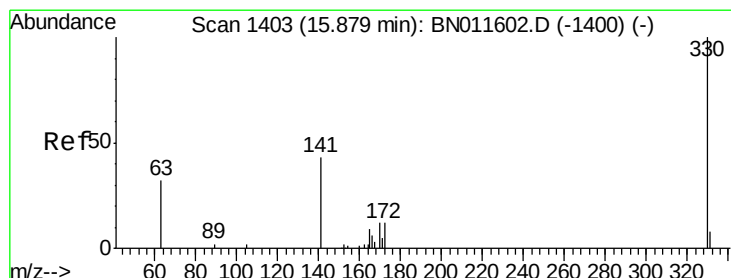
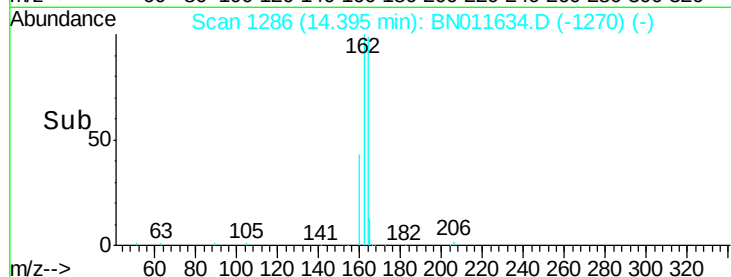
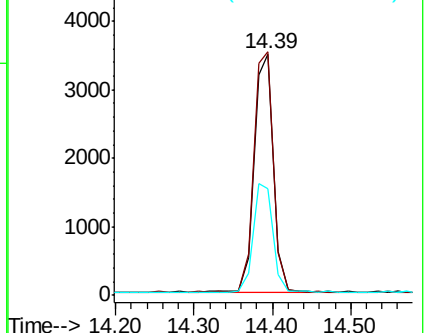
160 44.3 35.6 53.4



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: 0.372 ng

RT: 15.88 min Scan# 1403

Delta R.T. -0.00 min

Lab File: BN011634.D

Acq: 26 Aug 2020 02:51

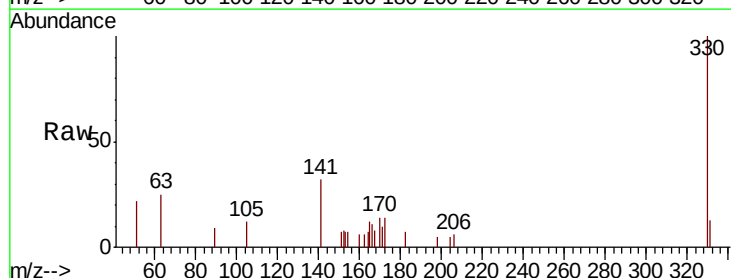
Tgt Ion:330 Resp: 1213

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

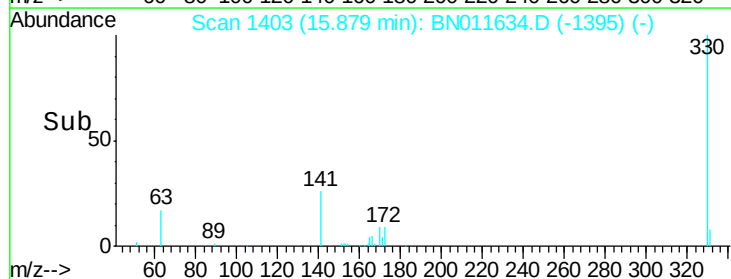
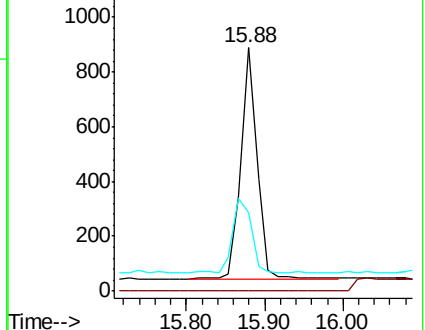
141 37.8 29.4 44.2

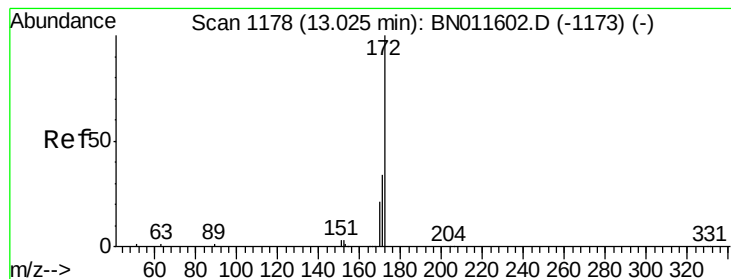


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.524 ng

RT: 13.01 min Scan# 1177

Delta R.T. -0.01 min

Lab File: BN011634.D

Acq: 26 Aug 2020 02:51

Instrument :

BNA_N

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OUTFALL001-200818

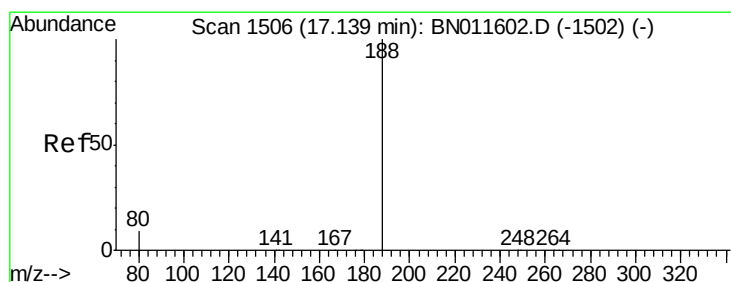
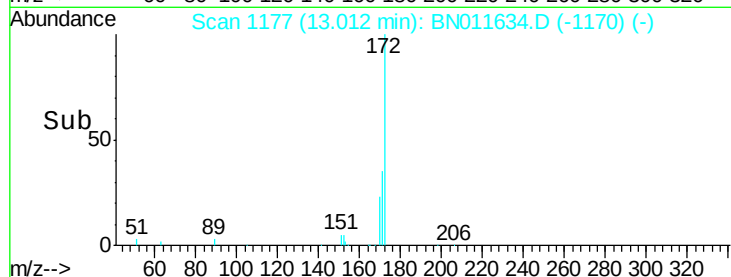
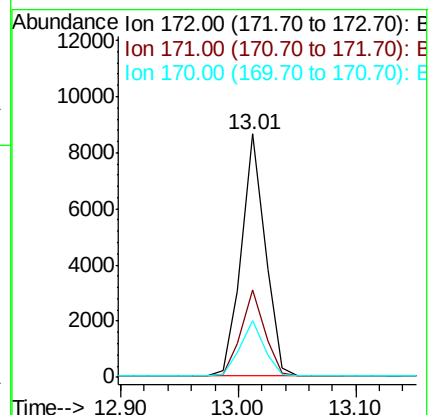
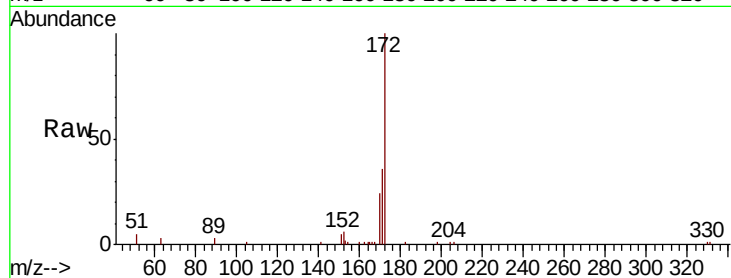
Tot Ion:172 Resp: 12118

Ion Ratio Lower Upper

172 100

171 35.7 28.6 42.8

170 23.5 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: BN011634.D

Acq: 26 Aug 2020 02:51

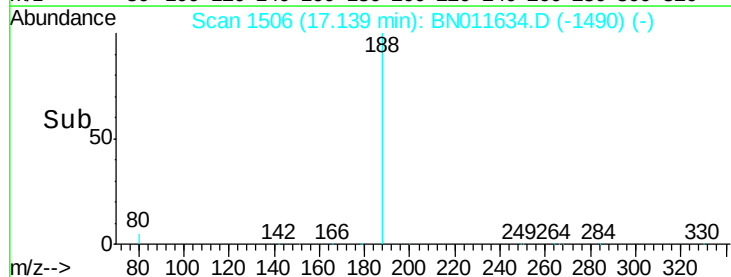
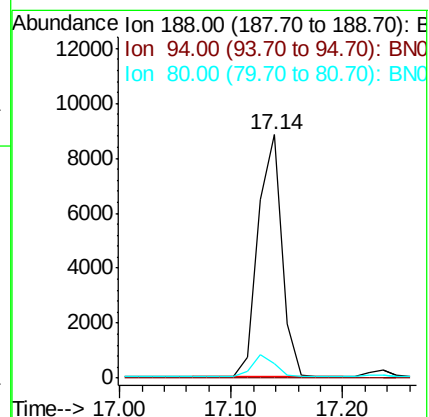
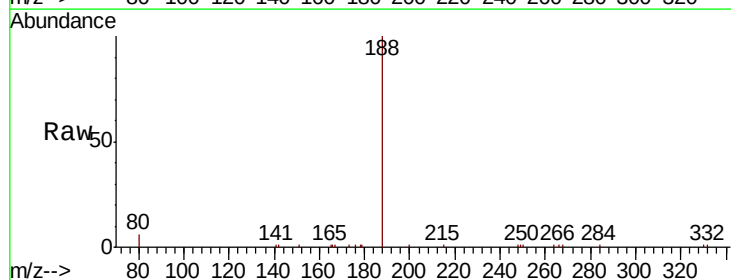
Tgt Ion:188 Resp: 13156

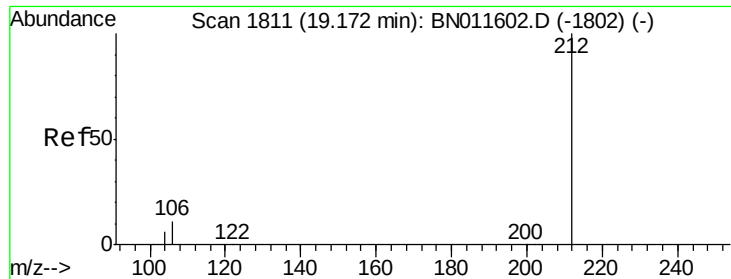
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 5.8 9.2 13.8#

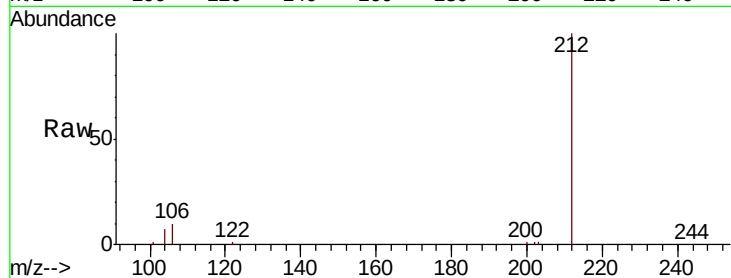




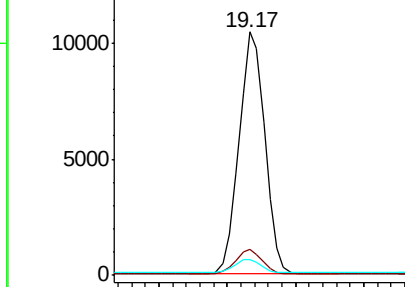
#27
 Fluoranthene-d10
 Concen: 0.320 ng
 RT: 19.17 min Scan# 1810
 Delta R.T. -0.01 min
 Lab File: BN011634.D
 Acq: 26 Aug 2020 02:51

Instrument :
 BNA_N
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 OUTFALL001-200818

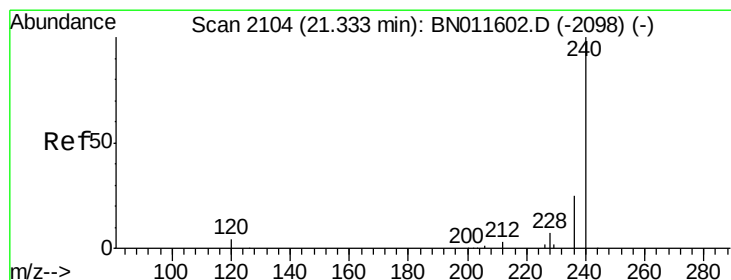
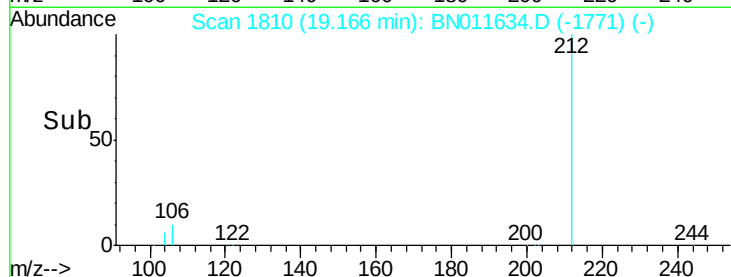
Tot Ion:212 Resp: 13734
 Ion Ratio Lower Upper
 212 100
 106 9.9 8.9 13.3
 104 5.9 5.3 7.9



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

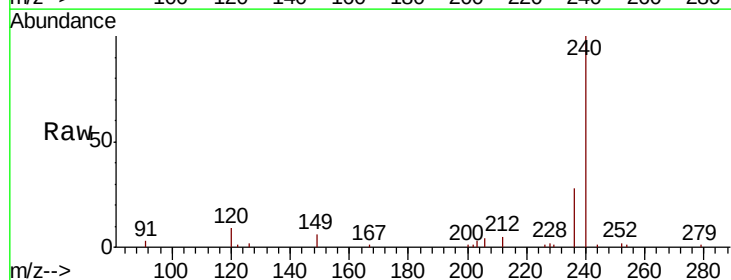


Time-->

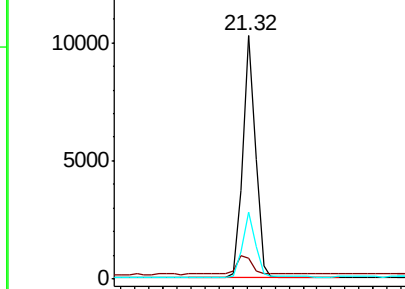


#29
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.32 min Scan# 2103
 Delta R.T. -0.01 min
 Lab File: BN011634.D
 Acq: 26 Aug 2020 02:51

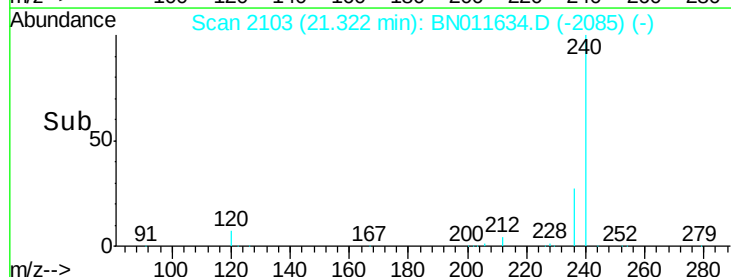
Tgt Ion:240 Resp: 12640
 Ion Ratio Lower Upper
 240 100
 120 8.5 6.0 9.0
 236 27.7 20.8 31.2

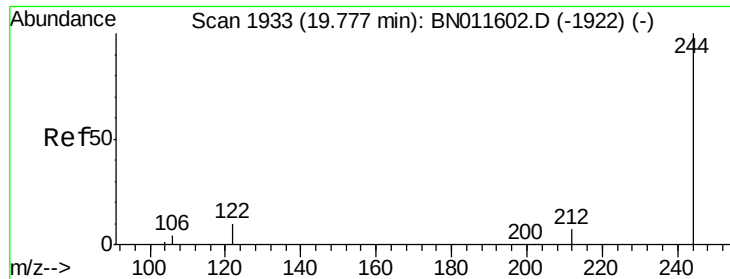


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E



Time-->





#31

Terphenyl-d14

Concen: 0.731 ng

RT: 19.77 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BN011634.D

Acq: 26 Aug 2020 02:51

Instrument :

BNA_N

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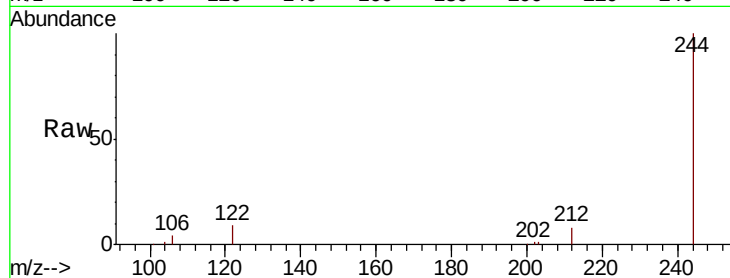
Tot Ion:244 Resp: 23595

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

122 9.3 9.5 14.3#

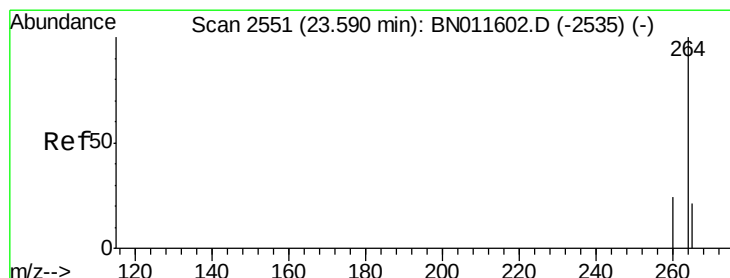
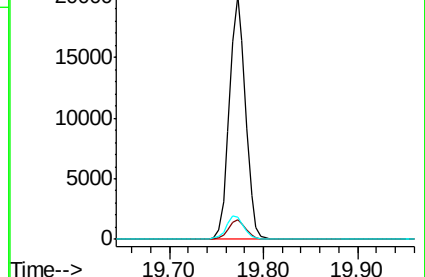
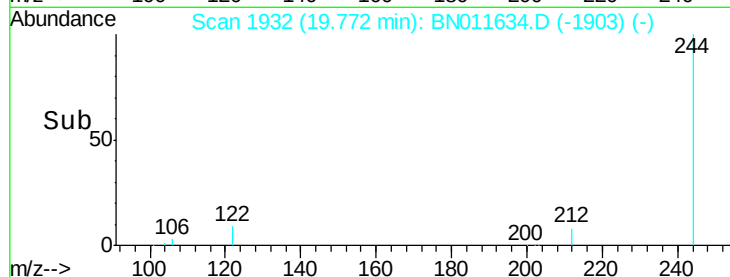


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->



#36

Perylene-d12

Concen: 0.400 ng

RT: 23.58 min Scan# 2549

Delta R.T. -0.01 min

Lab File: BN011634.D

Acq: 26 Aug 2020 02:51

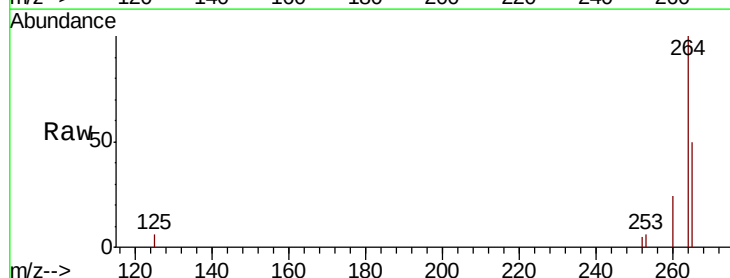
Tgt Ion:264 Resp: 13483

Ion Ratio Lower Upper

264 100

260 24.5 19.6 29.4

265 50.4 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

Time-->

