

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090320\
 Data File : BN011695.D
 Acq On : 03 Sep 2020 13:10
 Operator : CG/JU
 Sample : L3890-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EO-01-081920

Quant Time: Sep 03 13:58:37 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

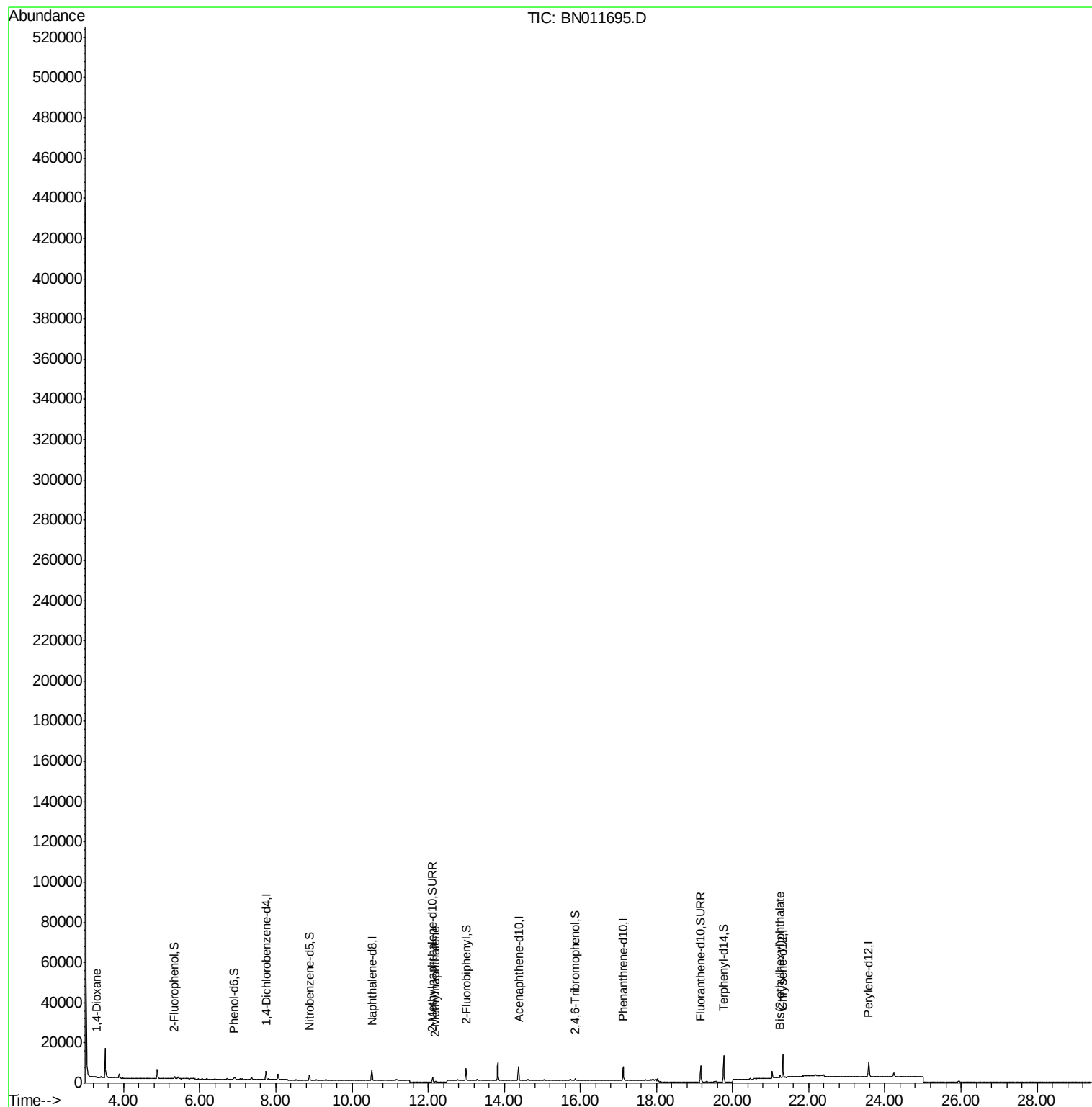
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	1945	0.40	ng	0.00
7) Naphthalene-d8	10.53	136	7337	0.40	ng	0.00
13) Acenaphthene-d10	14.38	164	4378	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	10148	0.40	ng	0.00
29) Chrysene-d12	21.32	240	10551	0.40	ng	0.00
36) Perylene-d12	23.58	264	10021	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.34	112	697	0.13	ng	0.00
5) Phenol-d6	6.90	99	564	0.08	ng	0.00
8) Nitrobenzene-d5	8.88	82	1901	0.27	ng	0.00
11) 2-Methylnaphthalene-d10	12.12	152	3331	0.25	ng	0.00
14) 2,4,6-Tribromophenol	15.87	330	595	0.28	ng	0.00
15) 2-Fluorobiphenyl	13.00	172	4969	0.27	ng	0.00
27) Fluoranthene-d10	19.16	212	9300	0.29	ng	0.00
31) Terphenyl-d14	19.76	244	13201	0.50	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.29	88	90	0.029	ng	# 36
12) 2-Methylnaphthalene	12.19	142	313	0.021	ng	# 88
34) Bis(2-ethylhexyl)phthalate	21.25	149	1285	0.084	ng	96

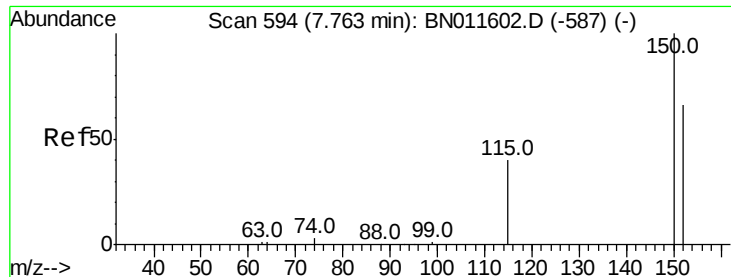
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BN011695.D

Acq: 03 Sep 2020 13:10

Instrument :

BNA_N

ClientSampleId :

EO-01-081920

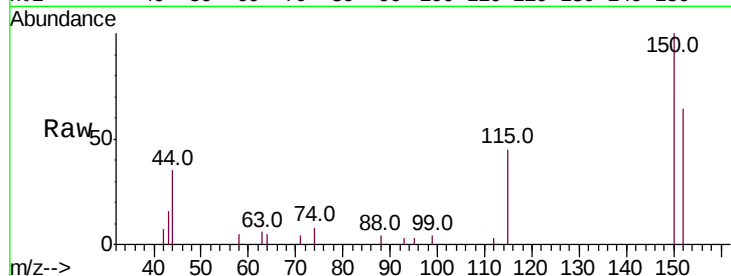
Tot Ion:152 Resp: 1945

Ion Ratio Lower Upper

152 100

150 155.8 121.0 181.6

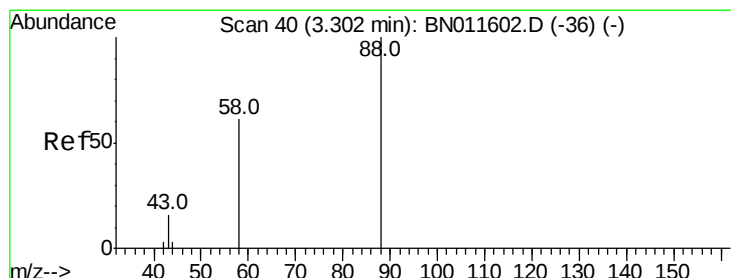
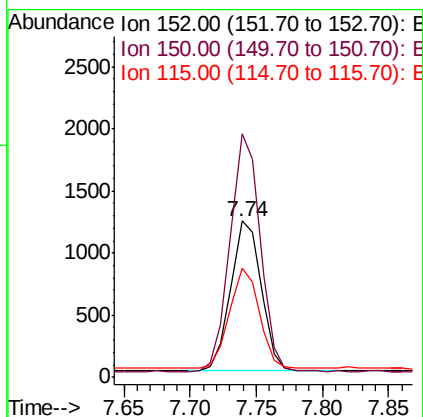
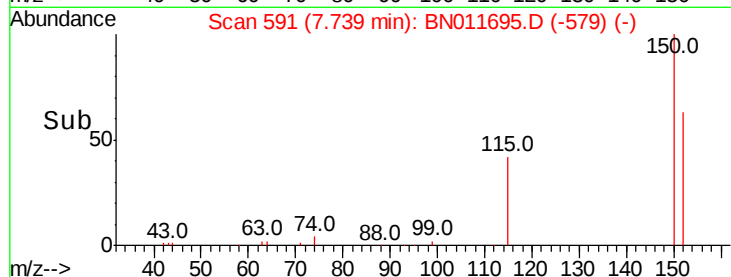
115 70.1 52.6 78.8



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



#2

1,4-Dioxane

Concen: 0.029 ng

RT: 3.29 min Scan# 39

Delta R.T. 0.00 min

Lab File: BN011695.D

Acq: 03 Sep 2020 13:10

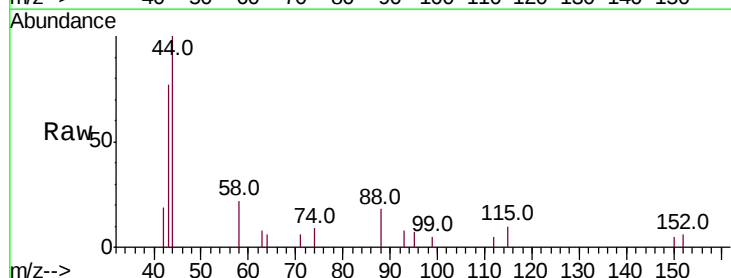
Tgt Ion: 88 Resp: 90

Ion Ratio Lower Upper

88 100

58 132.2 61.4 92.0#

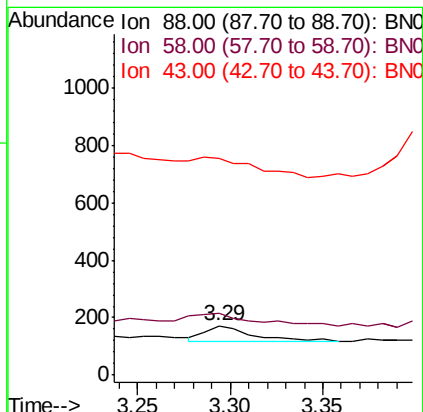
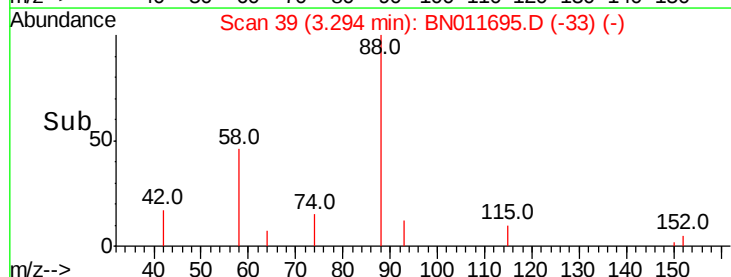
43 0.0 29.8 44.8#

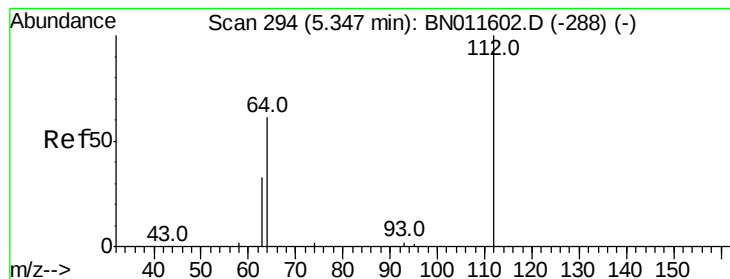


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#4

2-Fluorophenol

Concen: 0.127 ng

RT: 5.34 min Scan# 293

Delta R.T. 0.01 min

Lab File: BN011695.D

Acq: 03 Sep 2020 13:10

Instrument :

BNA_N

ClientSampleId :

EO-01-081920

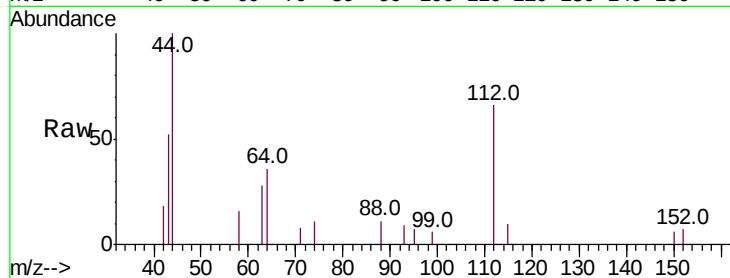
Tot Ion:112 Resp: 697

Ion Ratio Lower Upper

112 100

64 62.6 49.7 74.5

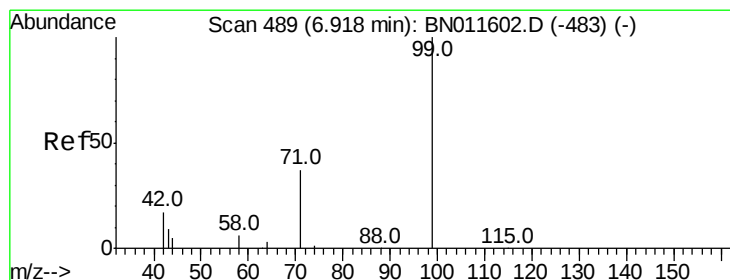
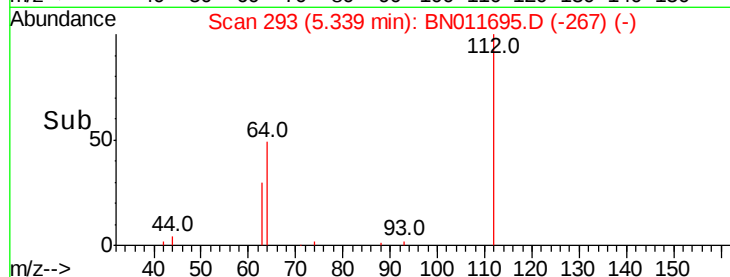
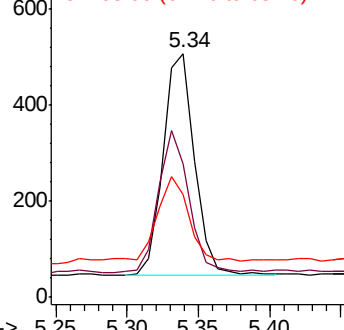
63 40.3 29.4 44.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNO

Ion 63.00 (62.70 to 63.70): BNO



#5

Phenol-d6

Concen: 0.076 ng

RT: 6.90 min Scan# 487

Delta R.T. 0.00 min

Lab File: BN011695.D

Acq: 03 Sep 2020 13:10

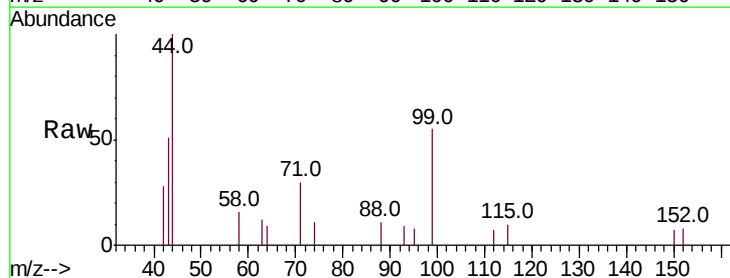
Tgt Ion: 99 Resp: 564

Ion Ratio Lower Upper

99 100

42 37.8 20.2 30.2#

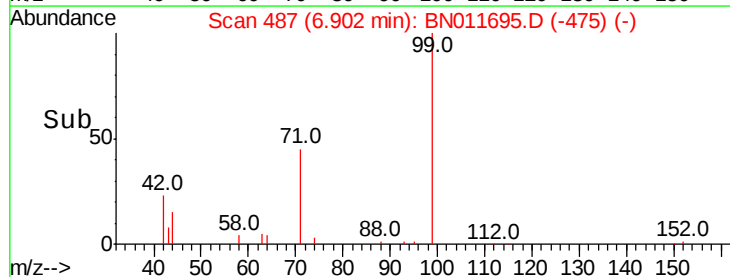
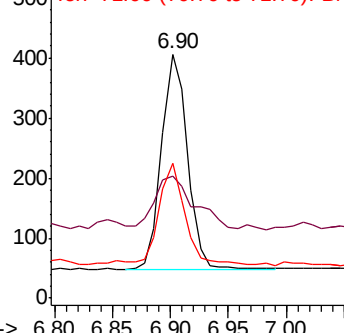
71 46.6 33.3 49.9

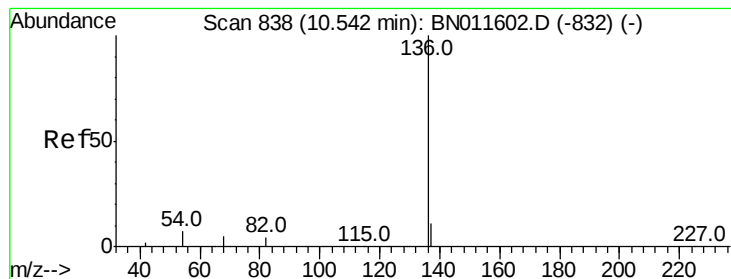


Abundance Ion 99.00 (98.70 to 99.70): BNO

Ion 42.00 (41.70 to 42.70): BNO

Ion 71.00 (70.70 to 71.70): BNO





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.53 min Scan# 837

Delta R.T. 0.00 min

Lab File: BN011695.D

Acq: 03 Sep 2020 13:10

Instrument :

BNA_N

ClientSampleId :

EO-01-081920

Tot Ion:136 Resp: 7337

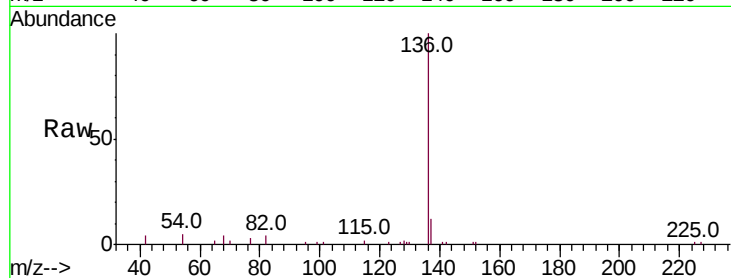
Ion Ratio Lower Upper

136 100

137 12.3 9.3 13.9

54 5.5 5.8 8.8#

68 3.7 4.1 6.1#

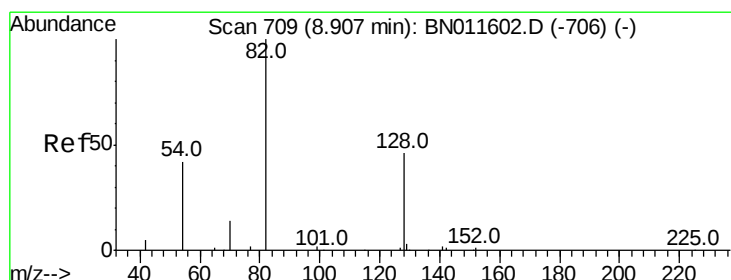
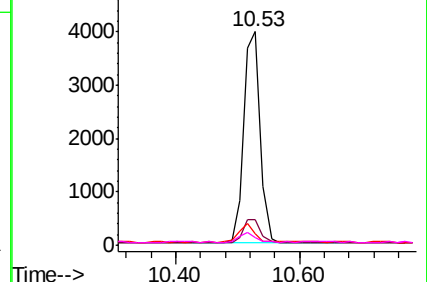
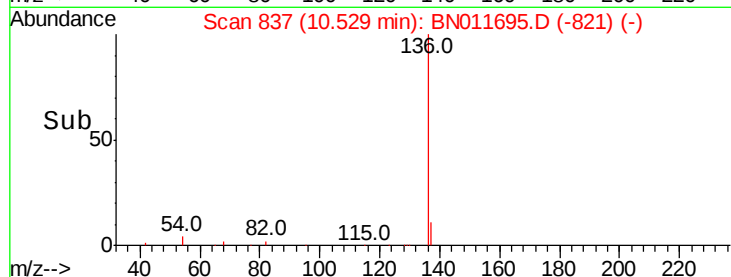


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.268 ng

RT: 8.88 min Scan# 707

Delta R.T. 0.00 min

Lab File: BN011695.D

Acq: 03 Sep 2020 13:10

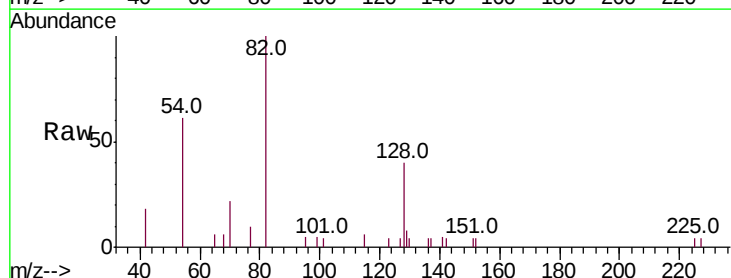
Tgt Ion: 82 Resp: 1901

Ion Ratio Lower Upper

82 100

128 40.1 26.2 39.2#

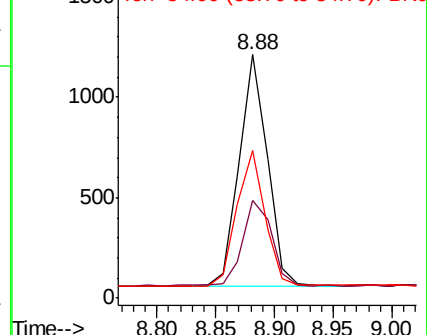
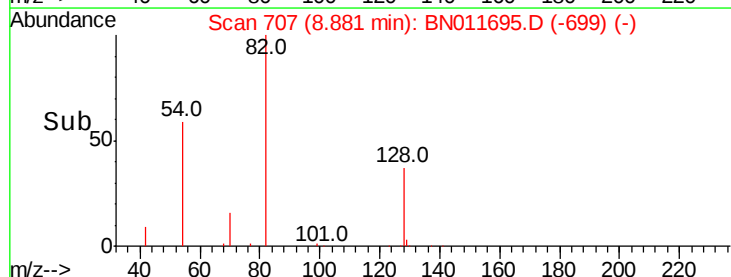
54 60.6 48.2 72.4

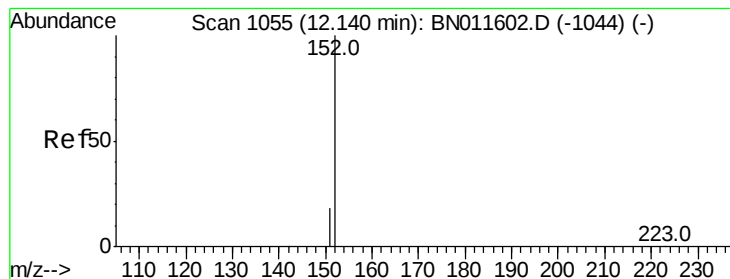


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#11

2-Methylnaphthalene-d10

Concen: 0.252 ng

RT: 12.12 min Scan# 1050

Delta R.T. 0.00 min

Lab File: BN011695.D

Acq: 03 Sep 2020 13:10

Instrument :

BNA_N

ClientSampleId :

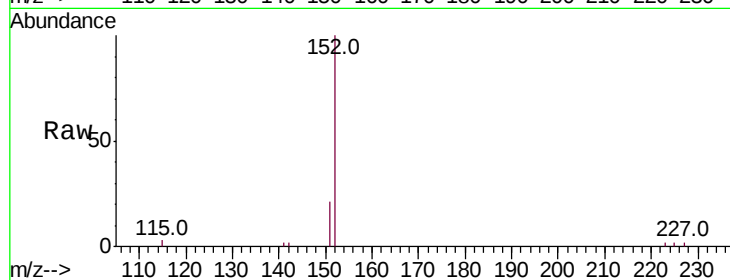
EO-01-081920

Tot Ion:152 Resp: 3331

Ion Ratio Lower Upper

152 100

151 20.8 16.7 25.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.12

2500

2000

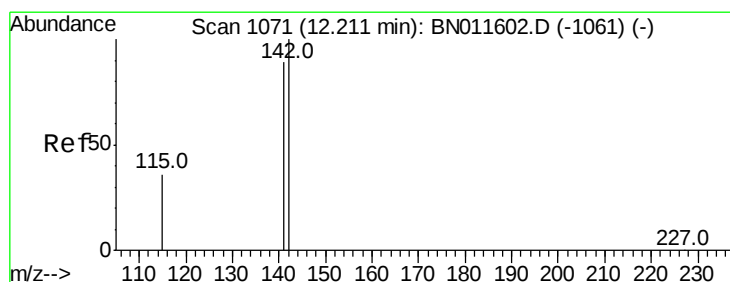
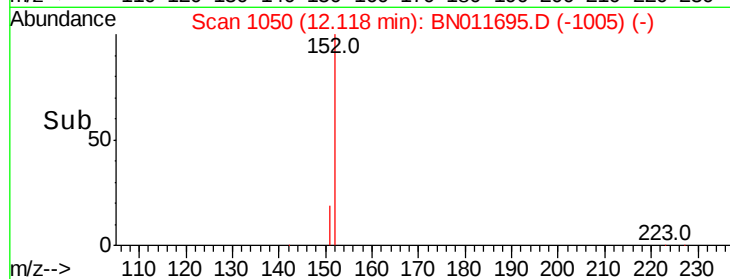
1500

1000

500

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.021 ng

RT: 12.19 min Scan# 1066

Delta R.T. 0.00 min

Lab File: BN011695.D

Acq: 03 Sep 2020 13:10

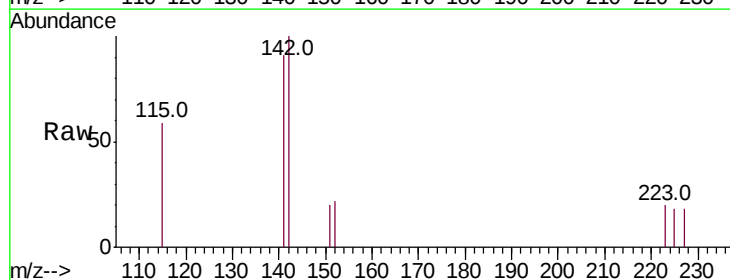
Tgt Ion:142 Resp: 313

Ion Ratio Lower Upper

142 100

141 91.2 70.6 106.0

115 59.2 31.3 46.9#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

12.19

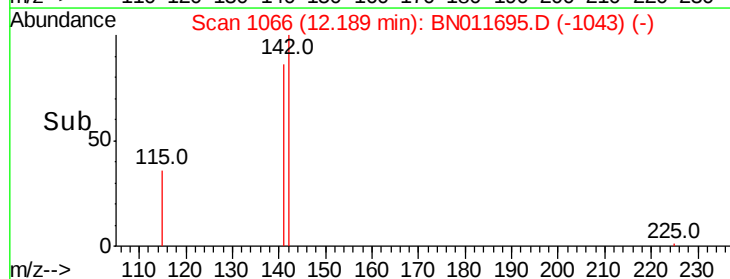
300

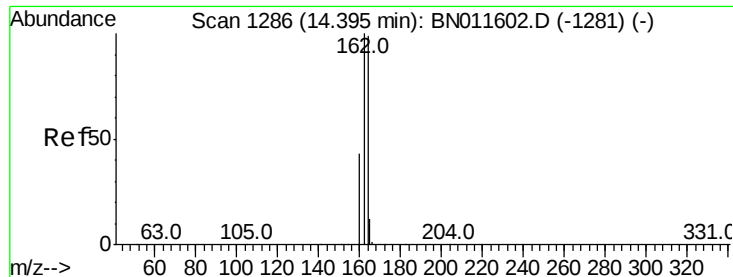
200

100

0

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.38 min Scan# 1285

Delta R.T. 0.00 min

Lab File: BN011695.D

Acq: 03 Sep 2020 13:10

Instrument :

BNA_N

ClientSampleId :

EO-01-081920

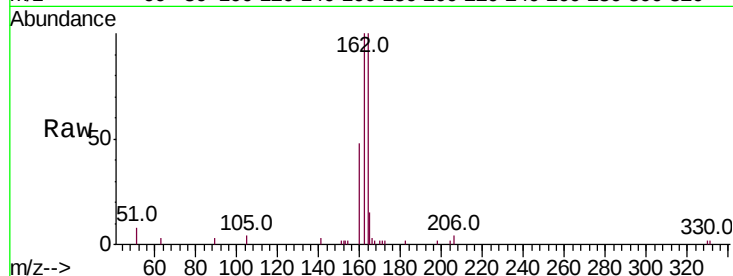
Tot Ion:164 Resp: 4378

Ion Ratio Lower Upper

164 100

162 100.3 81.4 122.0

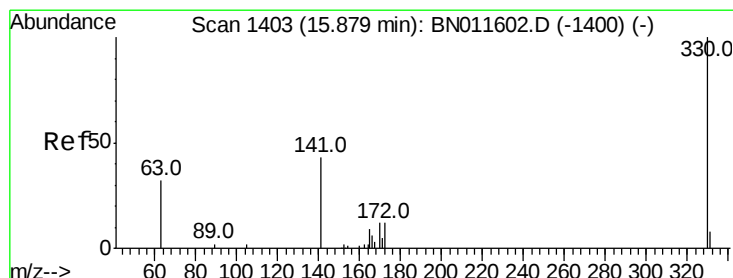
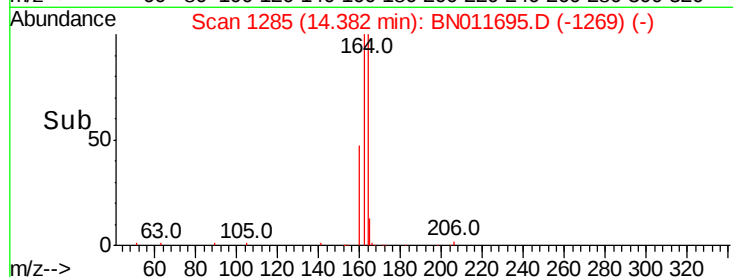
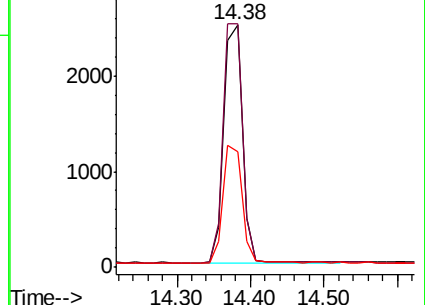
160 47.9 38.5 57.7



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: 0.280 ng

RT: 15.87 min Scan# 1402

Delta R.T. 0.00 min

Lab File: BN011695.D

Acq: 03 Sep 2020 13:10

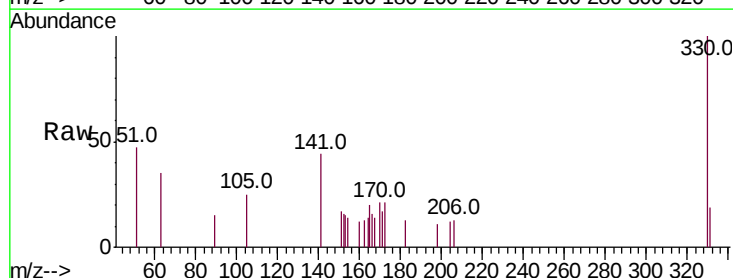
Tgt Ion:330 Resp: 595

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

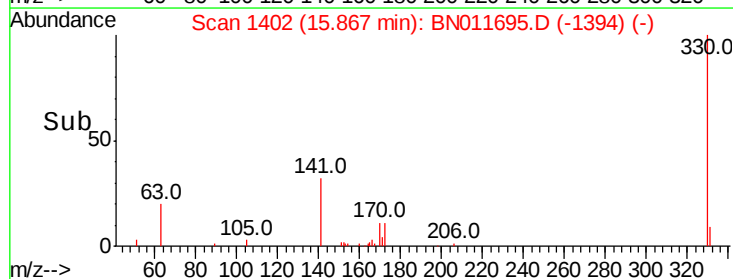
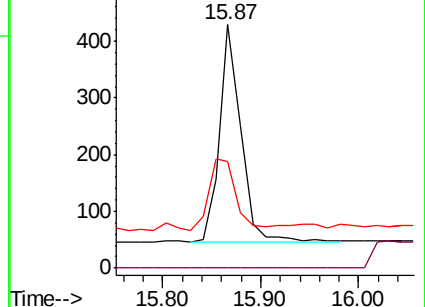
141 40.0 29.8 44.8

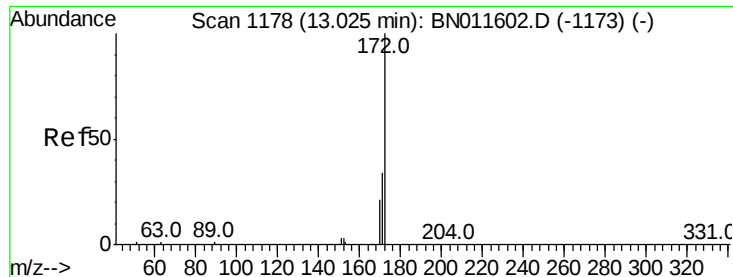


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.268 ng

RT: 13.00 min Scan# 1176

Delta R.T. 0.00 min

Lab File: BN011695.D

Acq: 03 Sep 2020 13:10

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EO-01-081920

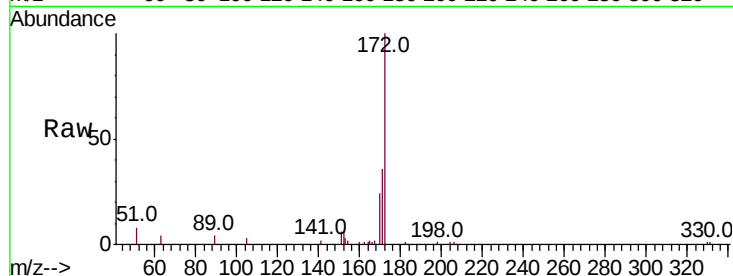
Tot Ion:172 Resp: 4969

Ion Ratio Lower Upper

172 100

171 35.7 30.0 45.0

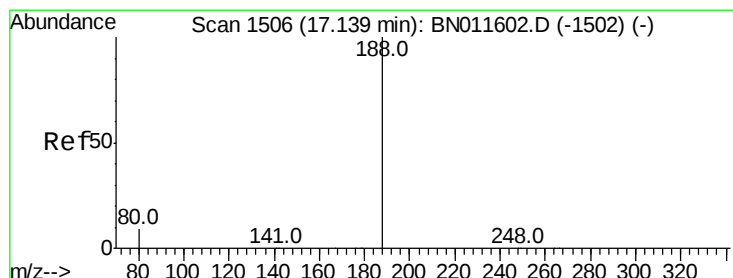
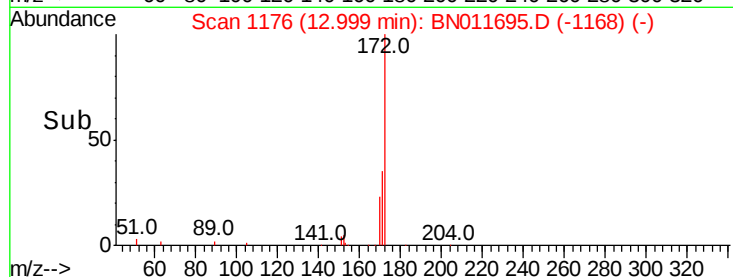
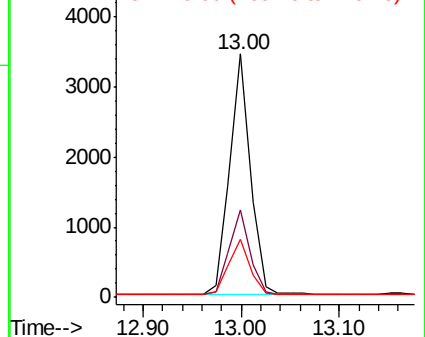
170 23.6 20.1 30.1



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: 17.13 min Scan# 1505

Delta R.T. 0.00 min

Lab File: BN011695.D

Acq: 03 Sep 2020 13:10

Tgt Ion:188 Resp: 10148

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

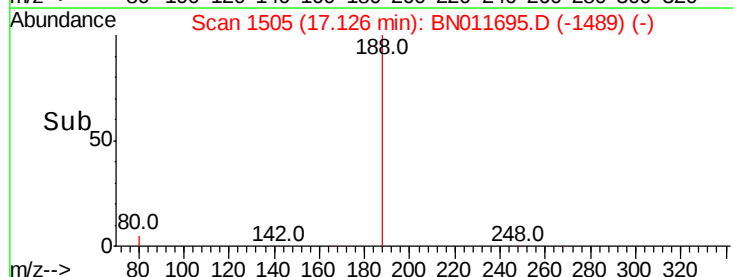
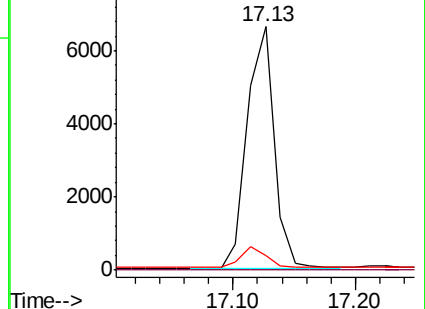
80 5.9 6.6 9.8#

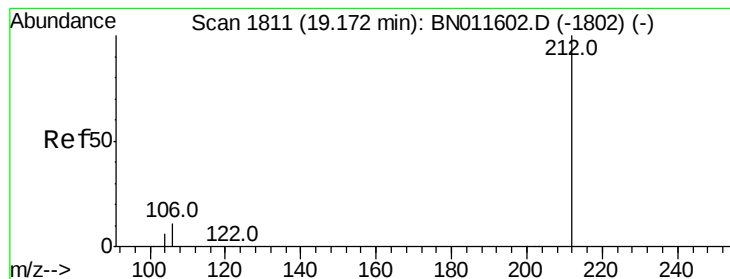


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC





#27

Fluoranthene-d10

Concen: 0.286 ng

RT: 19.16 min Scan# 1808

Delta R.T. 0.00 min

Lab File: BN011695.D

Acq: 03 Sep 2020 13:10

Instrument :

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EO-01-081920

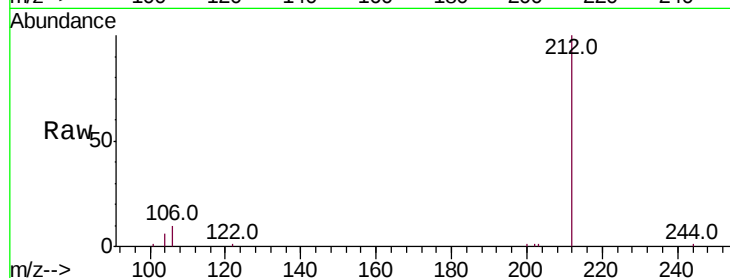
Tot Ion:212 Resp: 9300

Ion Ratio Lower Upper

212 100

106 8.8 7.6 11.4

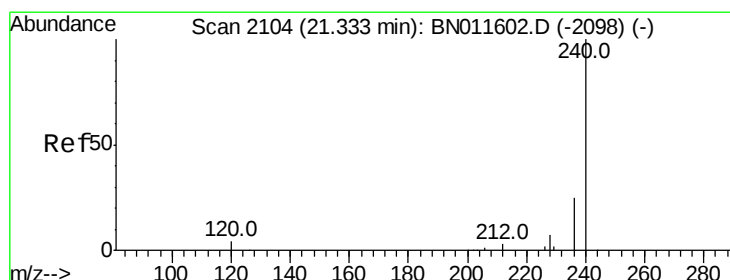
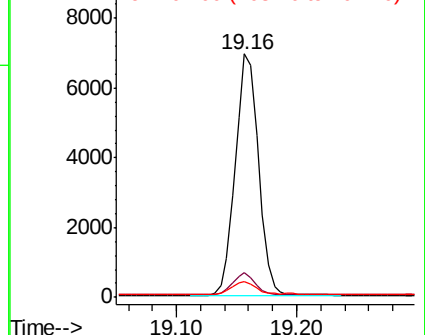
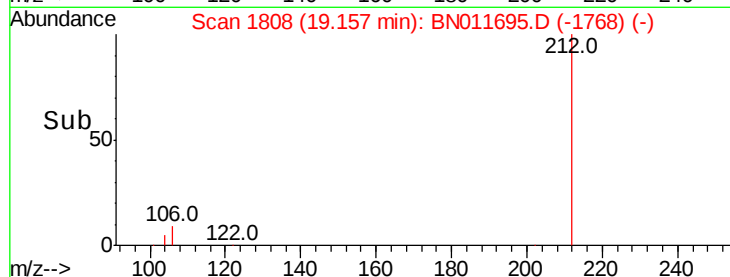
104 5.3 4.6 6.8



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: 21.32 min Scan# 2103

Delta R.T. 0.00 min

Lab File: BN011695.D

Acq: 03 Sep 2020 13:10

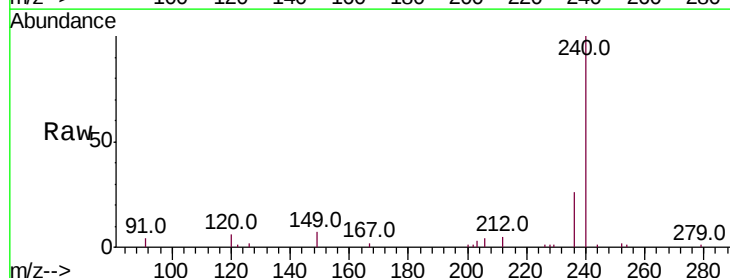
Tgt Ion:240 Resp: 10551

Ion Ratio Lower Upper

240 100

120 6.0 9.9 14.9#

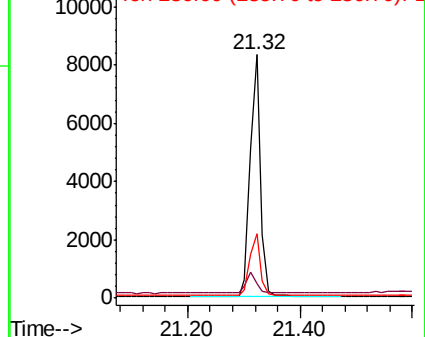
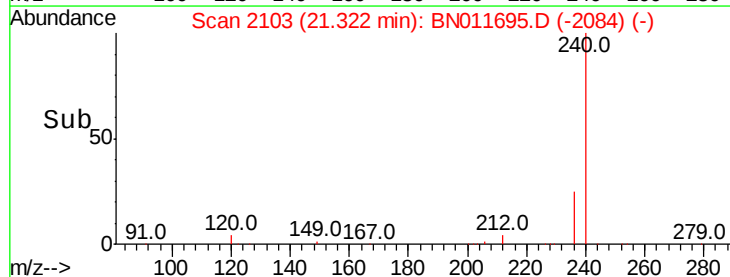
236 26.3 22.2 33.4

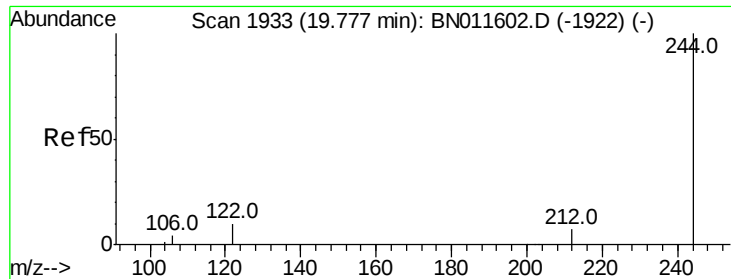


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#31

Terphenyl-d14

Concen: 0.504 ng

RT: 19.76 min Scan# 1930

Delta R.T. 0.00 min

Lab File: BN011695.D

Acq: 03 Sep 2020 13:10

Instrument :

BNA_N

ClientSampleId :

EO-01-081920

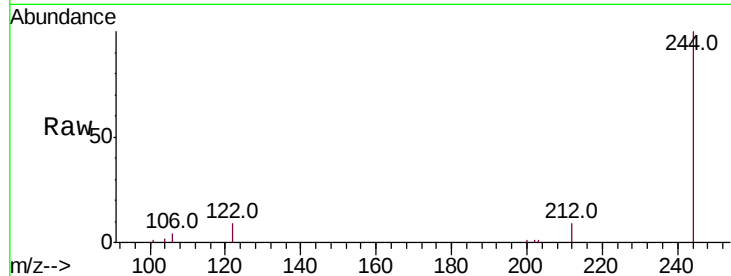
Tot Ion:244 Resp: 13201

Ion Ratio Lower Upper

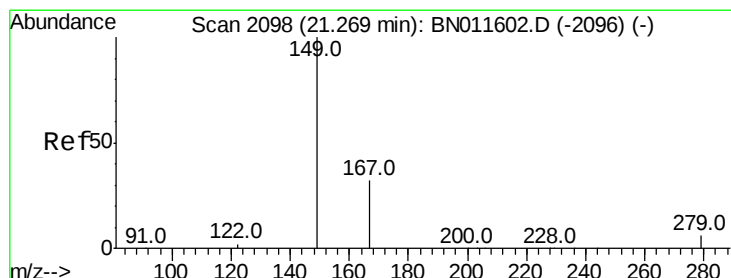
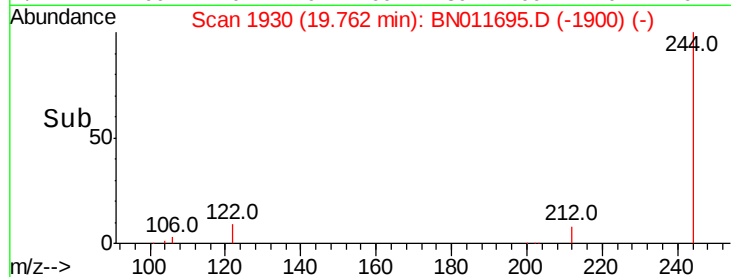
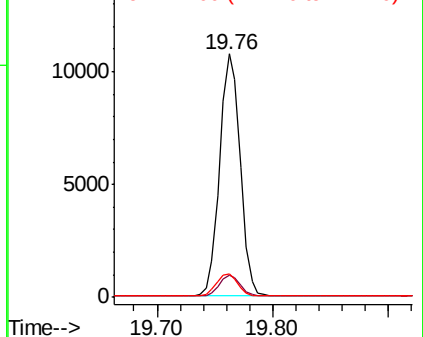
244 100

212 9.0 6.5 9.7

122 9.4 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



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.084 ng

RT: 21.25 min Scan# 2096

Delta R.T. 0.00 min

Lab File: BN011695.D

Acq: 03 Sep 2020 13:10

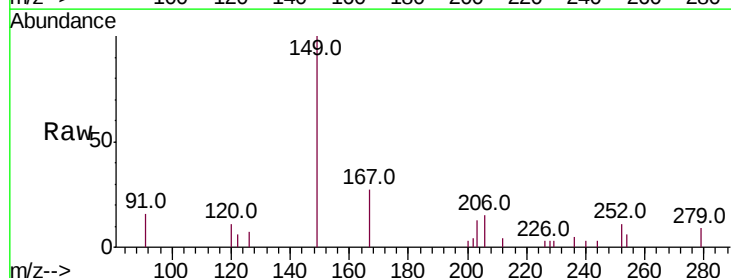
Tgt Ion:149 Resp: 1285

Ion Ratio Lower Upper

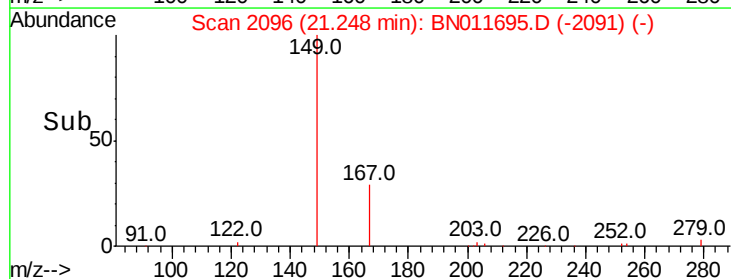
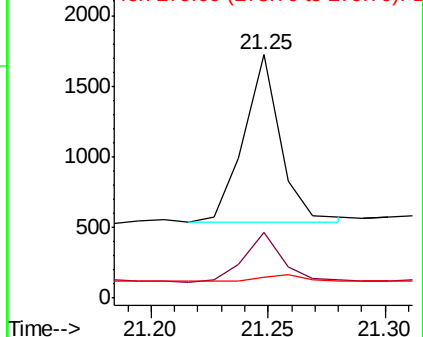
149 100

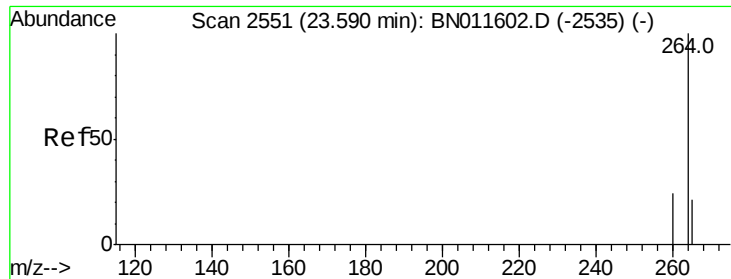
167 31.2 23.2 34.8

279 5.2 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#36
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.58 min Scan# 2547
 Delta R.T. 0.00 min
 Lab File: BN011695.D
 Acq: 03 Sep 2020 13:10

Instrument :
 BNA_N
 ClientSampleId :
 EO-01-081920

Tot Ion: 264 Resp: 10021
 Ion Ratio Lower Upper
 264 100
 260 25.2 19.8 29.6
 265 60.5 38.9 58.3#

