

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN090920\
 Data File : BN011772.D
 Acq On : 09 Sep 2020 17:44
 Operator : CG/JU
 Sample : L3902-10
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SA-PZ145I-20200901

Quant Time: Sep 09 18:47:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 09 10:54:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	2698	0.40	ng	0.00
7) Naphthalene-d8	10.52	136	10251	0.40	ng	0.00
13) Acenaphthene-d10	14.37	164	6217	0.40	ng	0.00
19) Phenanthrene-d10	17.11	188	13066	0.40	ng	0.00
29) Chrysene-d12	21.30	240	12318	0.40	ng	-0.01
36) Perylene-d12	23.55	264	12217	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.33	112	1260	0.17	ng	0.00
5) Phenol-d6	6.89	99	925	0.09	ng	0.00
8) Nitrobenzene-d5	8.87	82	3737	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.10	152	6029	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	1070	0.35	ng	-0.01
15) 2-Fluorobiphenyl	12.99	172	9418	0.36	ng	0.00
27) Fluoranthene-d10	19.15	212	13519	0.32	ng	0.00
31) Terphenyl-d14	19.75	244	18554	0.61	ng	0.00

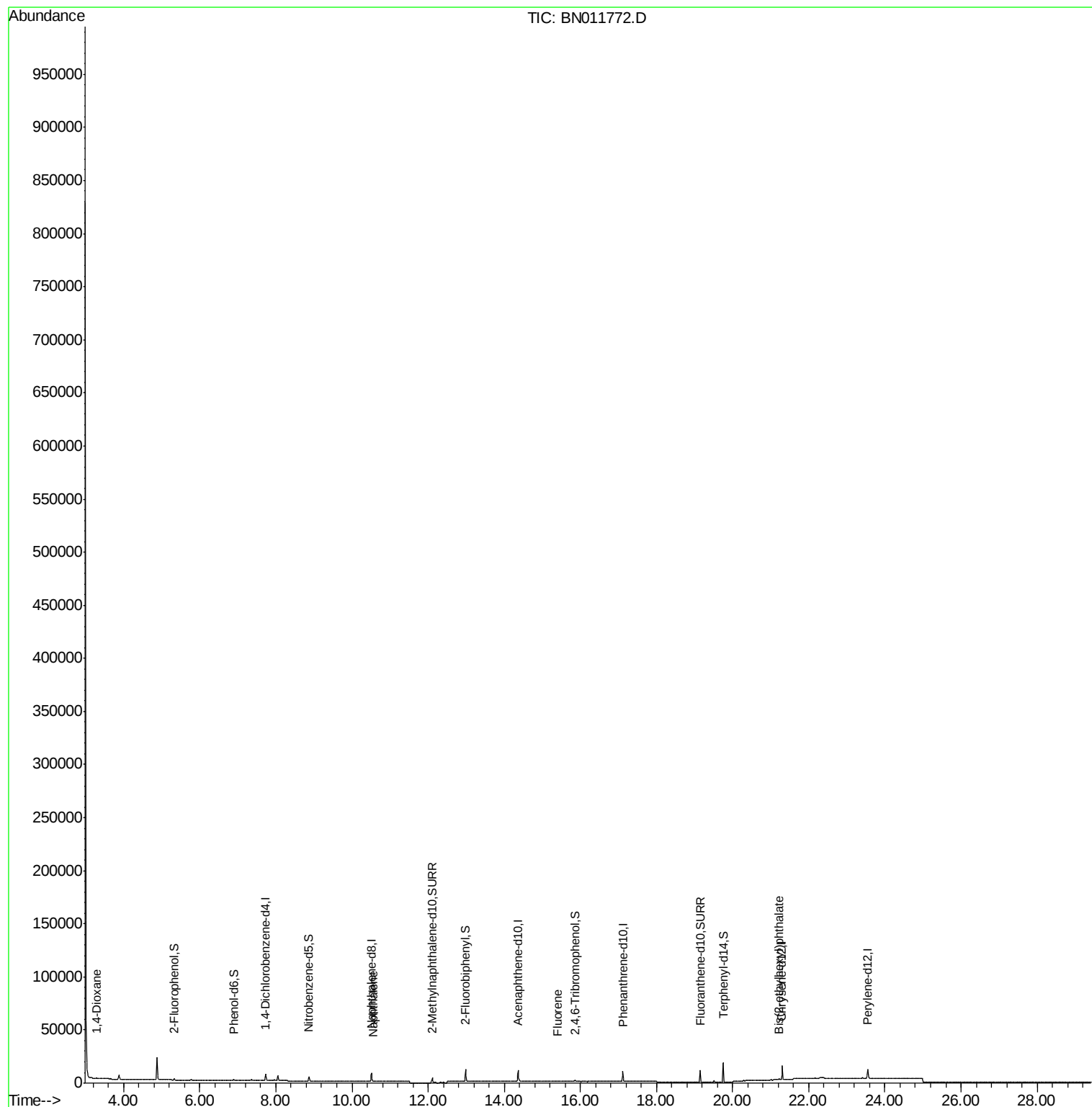
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.29	88	432	0.100	ng	# 77
9) Naphthalene	10.55	128	732	0.025	ng	# 63
18) Fluorene	15.41	166	1372	0.051	ng	# 27
34) Bis(2-ethylhexyl)phthalate	21.23	149	822	0.046	ng	96

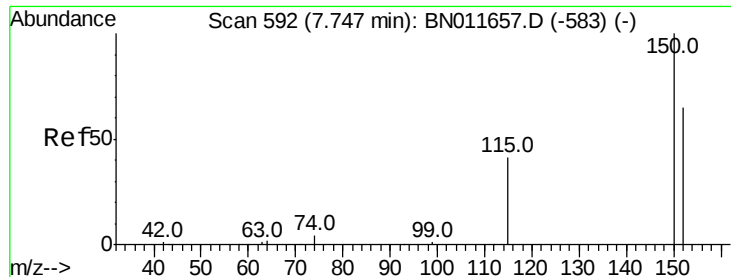
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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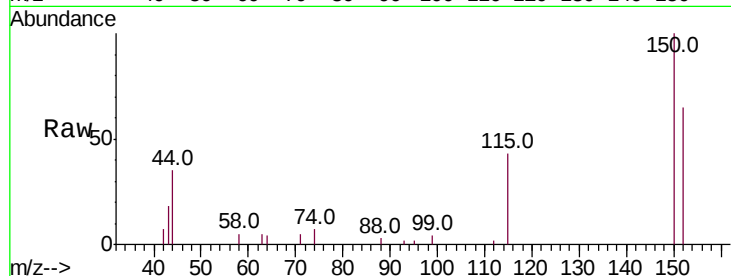


#1

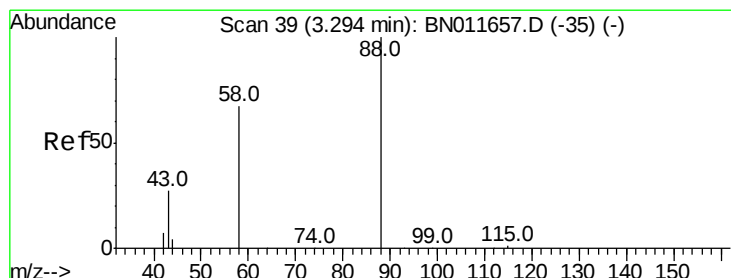
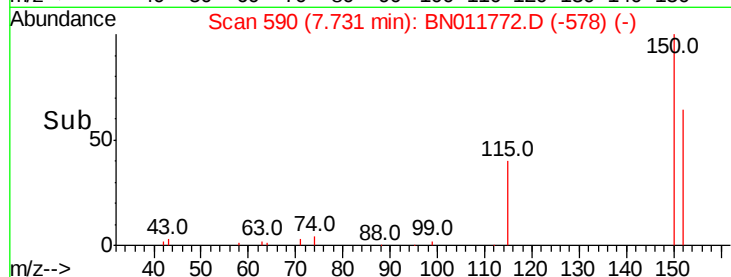
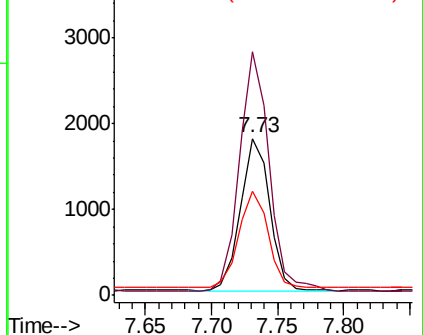
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.73 min Scan# 590
Delta R.T. 0.00 min
Lab File: BN011772.D
Acq: 09 Sep 2020 17:44

Instrument :
BNA_N
ClientSampleId :
SA-PZ145I-20200901

Tot Ion:152 Resp: 2698
Ion Ratio Lower Upper
152 100
150 154.9 121.0 181.6
115 66.3 52.6 78.8



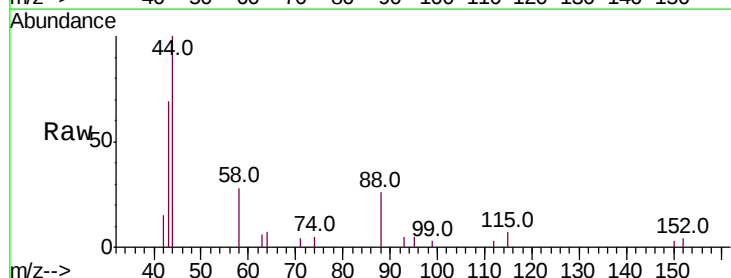
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



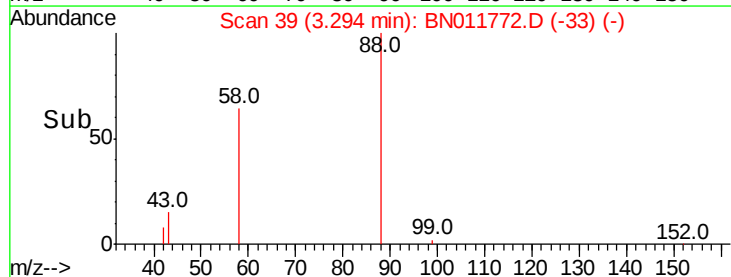
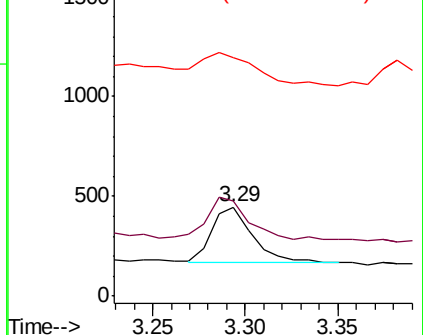
#2

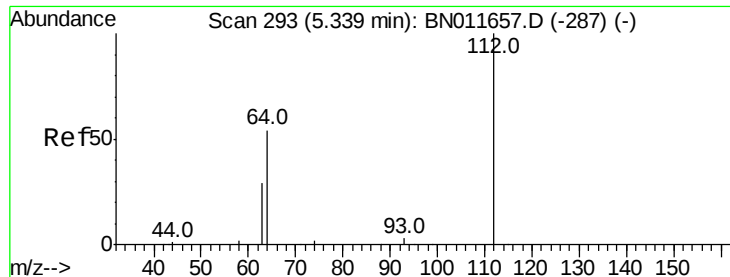
1,4-Dioxane
Concen: 0.100 ng
RT: 3.29 min Scan# 39
Delta R.T. 0.00 min
Lab File: BN011772.D
Acq: 09 Sep 2020 17:44

Tgt Ion: 88 Resp: 432
Ion Ratio Lower Upper
88 100
58 78.5 61.4 92.0
43 76.4 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: 0.165 ng

RT: 5.33 min Scan# 292

Delta R.T. 0.00 min

Lab File: BN011772.D

Acq: 09 Sep 2020 17:44

Instrument :

BNA_N

ClientSampleId :

SA-PZ145I-20200901

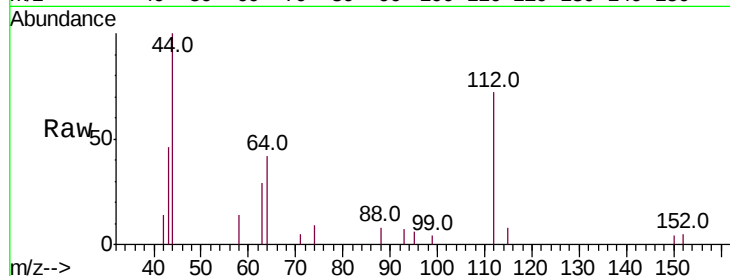
Tot Ion:112 Resp: 1260

Ion Ratio Lower Upper

112 100

64 62.6 49.7 74.5

63 36.7 29.4 44.0

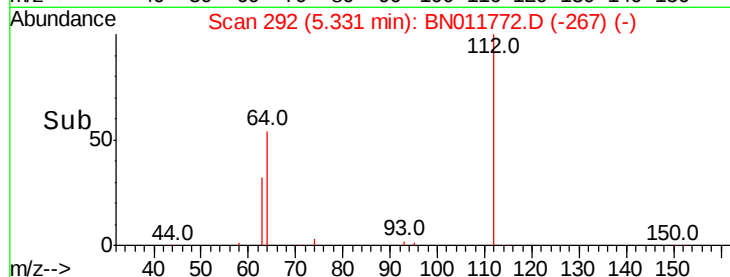


Abundance Ion 112.00 (111.70 to 112.70): E

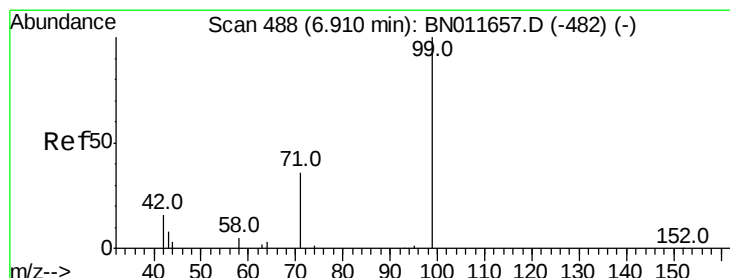
Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC

Time-->



Time-->



#5

Phenol-d6

Concen: 0.089 ng

RT: 6.89 min Scan# 486

Delta R.T. 0.00 min

Lab File: BN011772.D

Acq: 09 Sep 2020 17:44

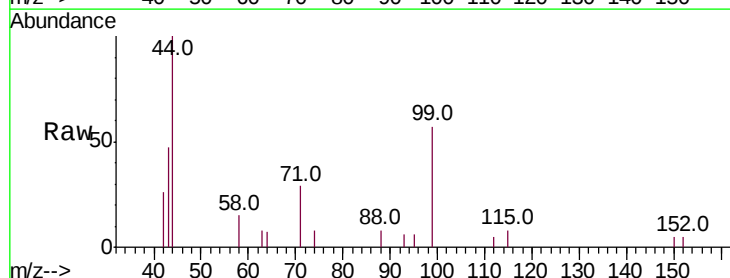
Tgt Ion: 99 Resp: 925

Ion Ratio Lower Upper

99 100

42 25.6 20.2 30.2

71 47.7 33.3 49.9

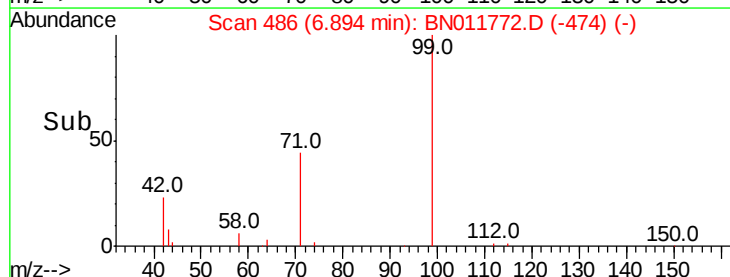


Abundance Ion 99.00 (98.70 to 99.70): BNC

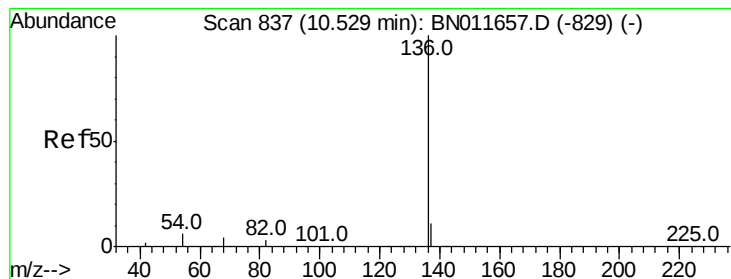
Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC

Time-->



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.52 min Scan# 836

Delta R.T. 0.00 min

Lab File: BN011772.D

Acq: 09 Sep 2020 17:44

Instrument :

BNA_N

ClientSampleId :

SA-PZ145I-20200901

Tot Ion:136 Resp: 10251

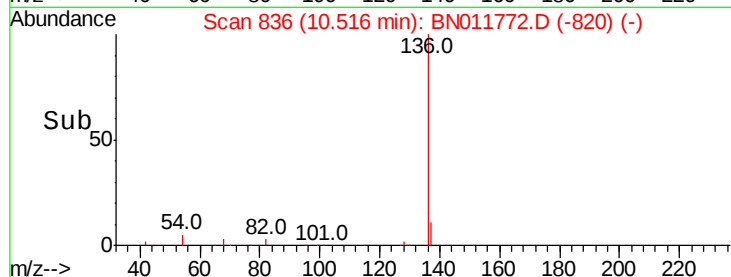
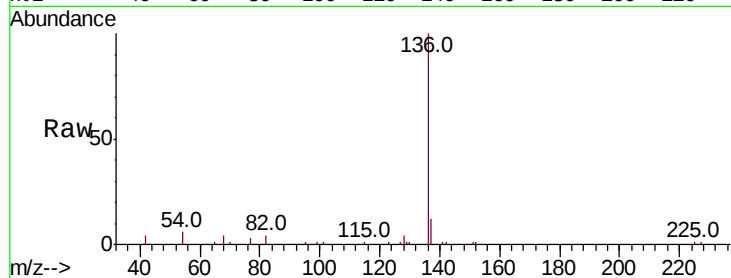
Ion Ratio Lower Upper

136 100

137 11.7 9.3 13.9

54 5.8 5.8 8.8#

68 4.2 4.1 6.1

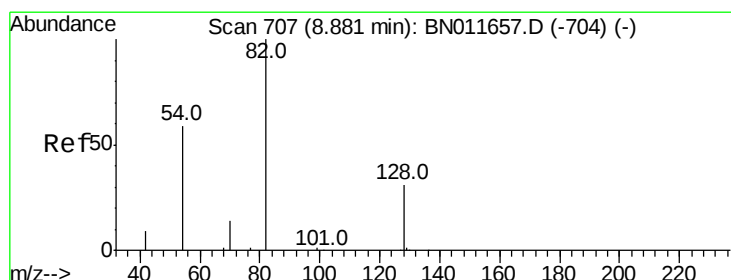
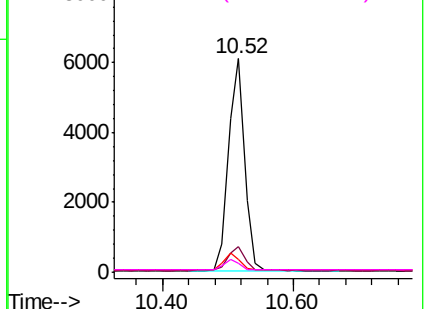


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.377 ng

RT: 8.87 min Scan# 706

Delta R.T. 0.00 min

Lab File: BN011772.D

Acq: 09 Sep 2020 17:44

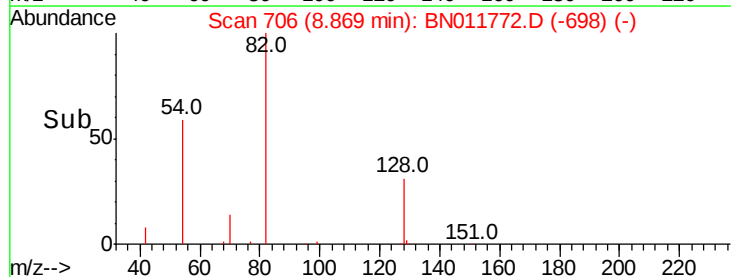
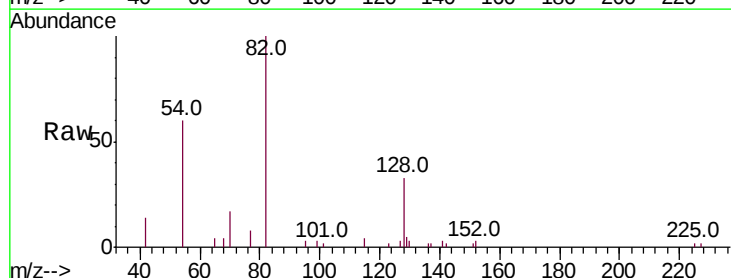
Tgt Ion: 82 Resp: 3737

Ion Ratio Lower Upper

82 100

128 33.4 26.2 39.2

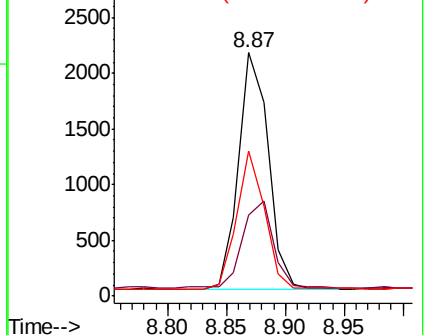
54 59.8 48.2 72.4

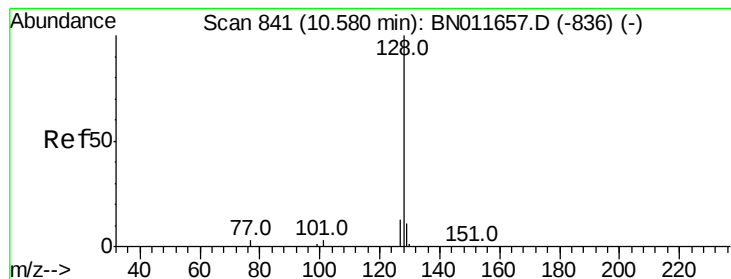


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.025 ng

RT: 10.55 min Scan# 839

Delta R.T. -0.01 min

Lab File: BN011772.D

Acq: 09 Sep 2020 17:44

Instrument :

BNA_N

ClientSampleId :

SA-PZ145I-20200901

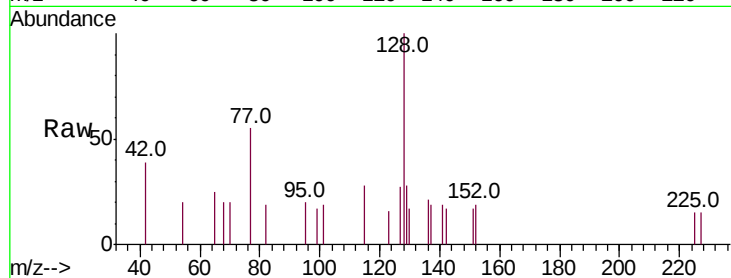
Tot Ion:128 Resp: 732

Ion Ratio Lower Upper

128 100

129 27.9 9.4 14.2#

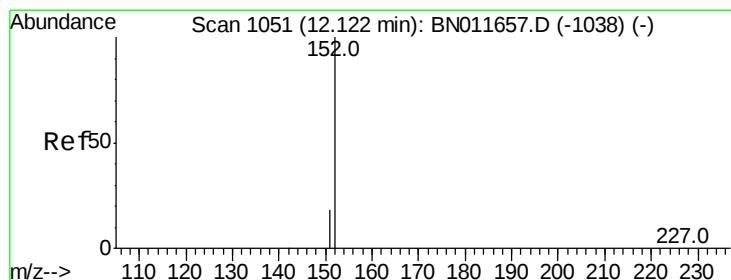
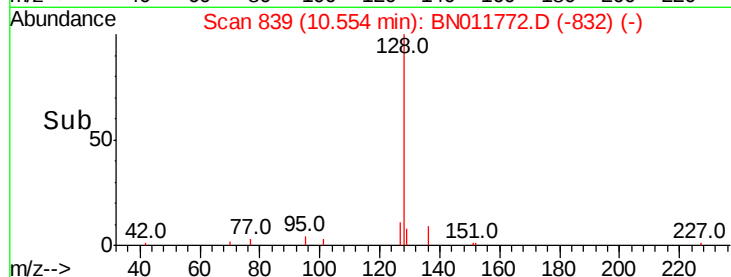
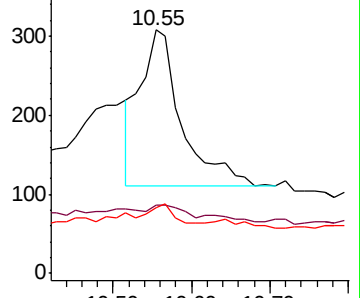
127 26.9 10.8 16.2#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#11

2-Methylnaphthalene-d10

Concen: 0.326 ng

RT: 12.10 min Scan# 1047

Delta R.T. -0.00 min

Lab File: BN011772.D

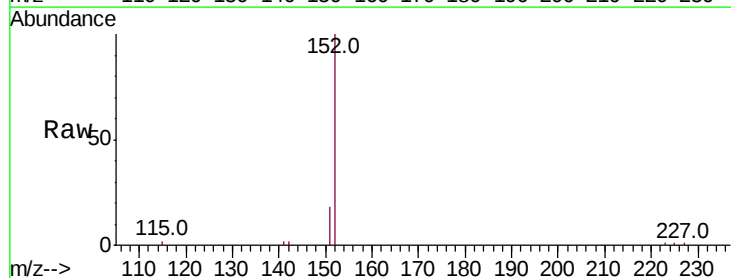
Acq: 09 Sep 2020 17:44

Tgt Ion:152 Resp: 6029

Ion Ratio Lower Upper

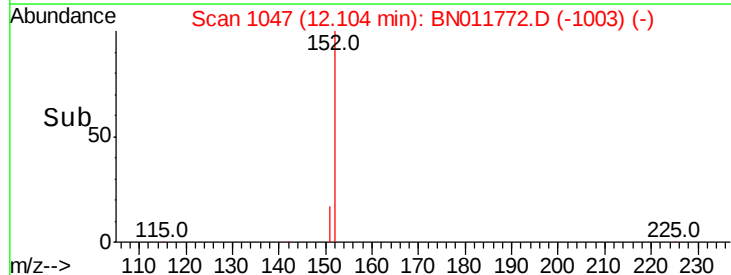
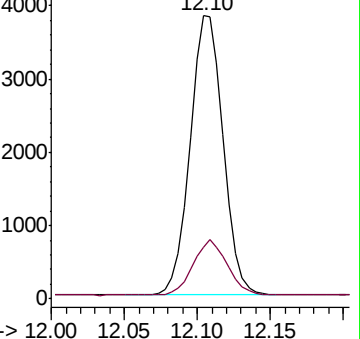
152 100

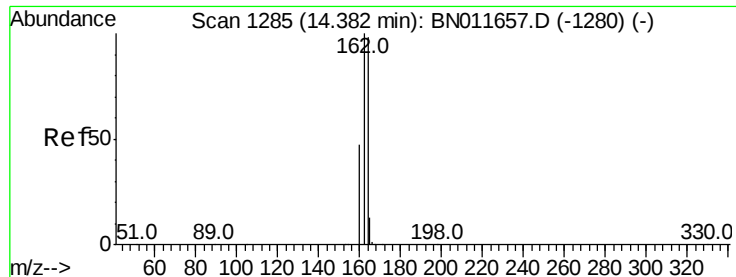
151 20.4 16.7 25.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.37 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BN011772.D

Acq: 09 Sep 2020 17:44

Instrument :

BNA_N

ClientSampleId :

SA-PZ145I-20200901

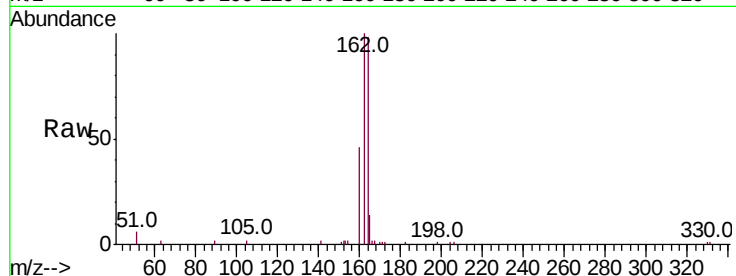
Tot Ion:164 Resp: 6217

Ion Ratio Lower Upper

164 100

162 102.3 81.4 122.0

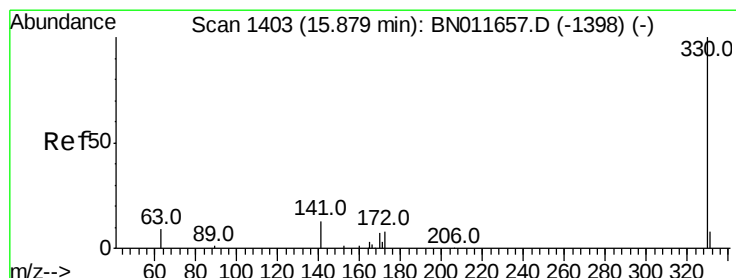
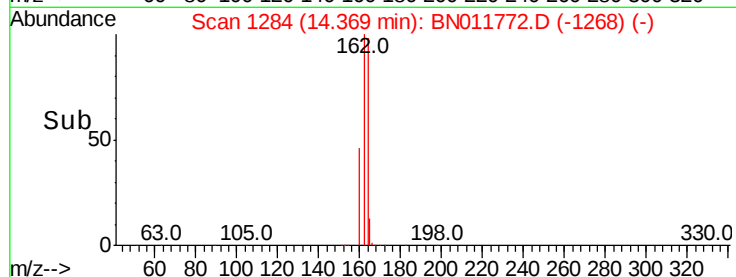
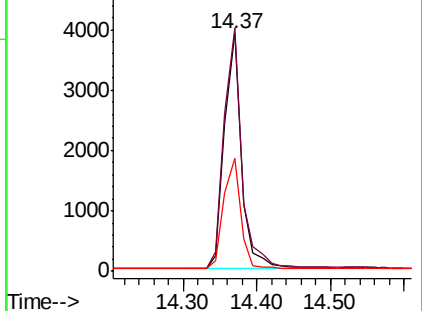
160 47.5 38.5 57.7



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: 0.354 ng

RT: 15.85 min Scan# 1401

Delta R.T. -0.01 min

Lab File: BN011772.D

Acq: 09 Sep 2020 17:44

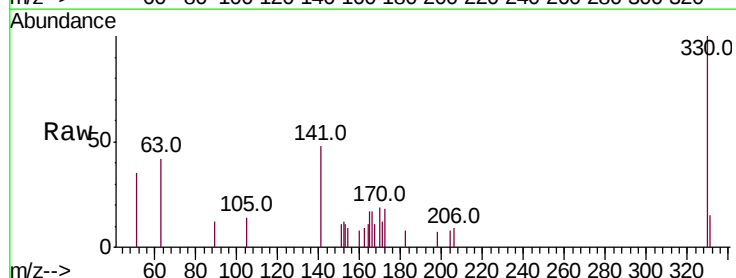
Tgt Ion:330 Resp: 1070

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

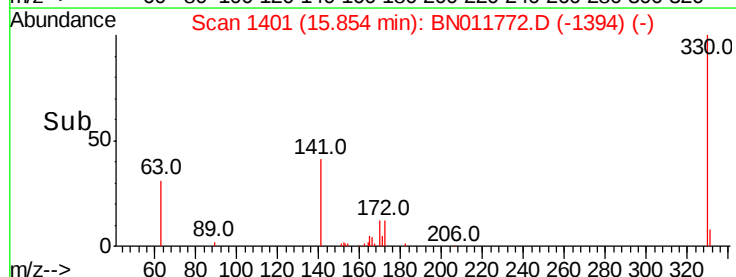
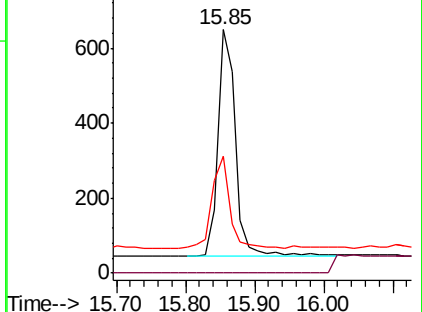
141 39.2 29.8 44.8

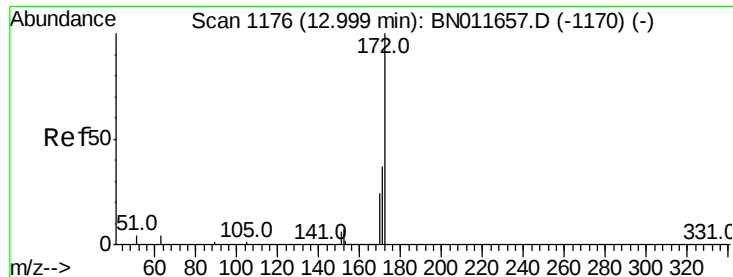


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

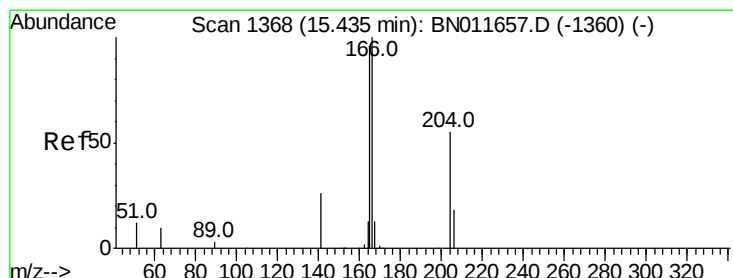
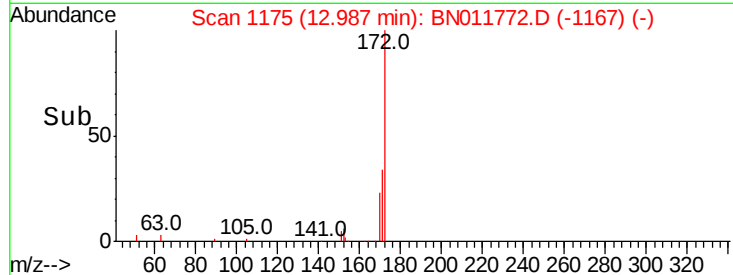
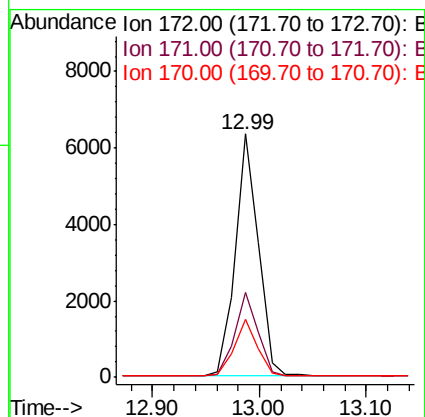
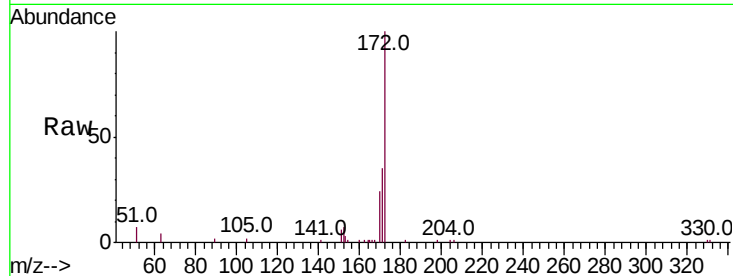




#15
2-Fluorobiphenyl
Concen: 0.358 ng
RT: 12.99 min Scan# 1175
Delta R.T. 0.00 min
Lab File: BN011772.D
Acq: 09 Sep 2020 17:44

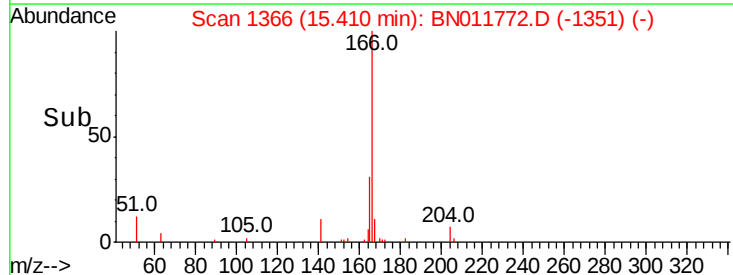
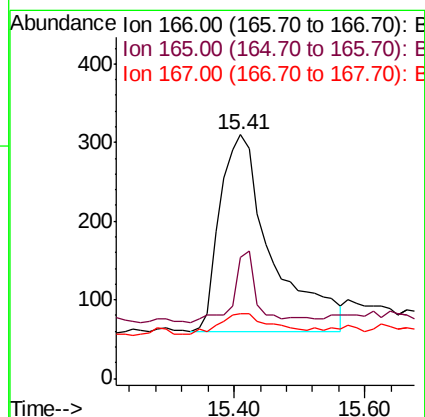
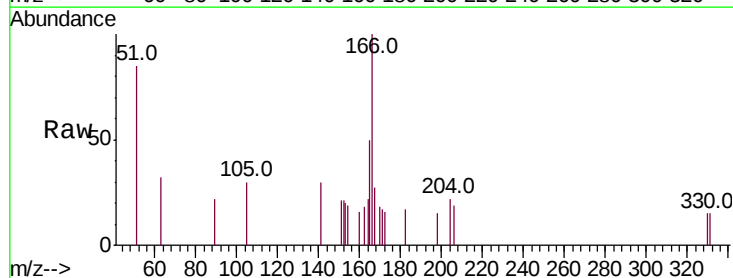
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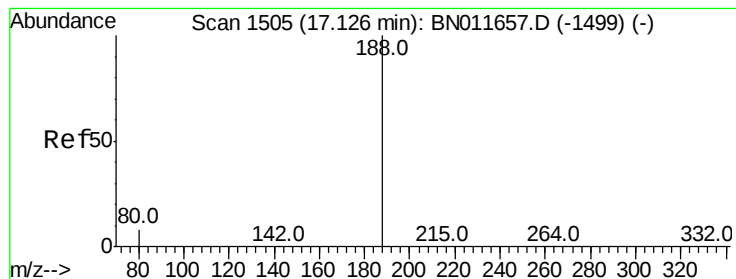
Tot Ion:172 Resp: 9418
Ion Ratio Lower Upper
172 100
171 34.7 30.0 45.0
170 23.9 20.1 30.1



#18
Fluorene
Concen: 0.051 ng
RT: 15.41 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BN011772.D
Acq: 09 Sep 2020 17:44

Tgt Ion:166 Resp: 1372
Ion Ratio Lower Upper
166 100
165 16.5 77.7 116.5#
167 9.8 11.0 16.4#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.11 min Scan# 1504

Delta R.T. 0.00 min

Lab File: BN011772.D

Acq: 09 Sep 2020 17:44

Instrument :

BNA_N

ClientSampleId :

SA-PZ145I-20200901

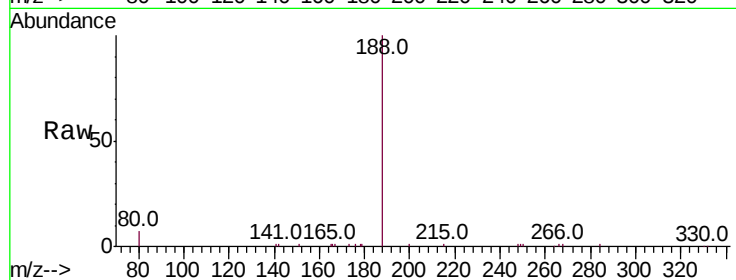
Tot Ion:188 Resp: 13066

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

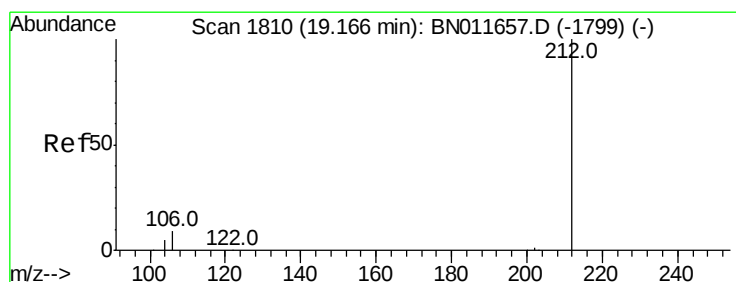
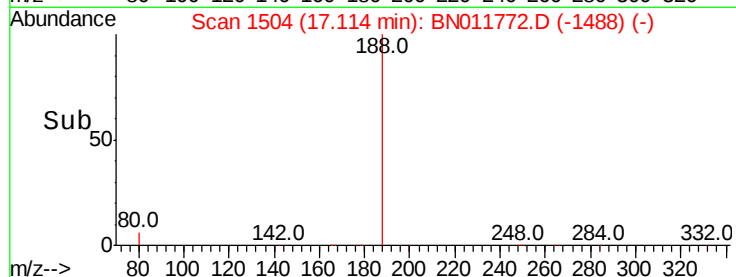
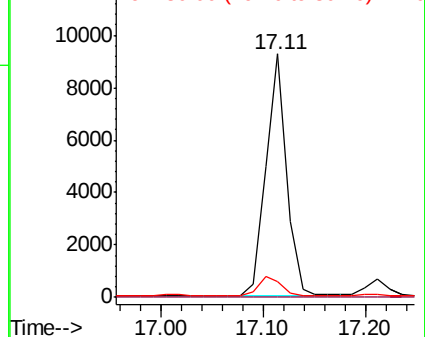
80 6.6 6.6 9.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNO

Ion 80.00 (79.70 to 80.70): BNO



#27

Fluoranthene-d10

Concen: 0.322 ng

RT: 19.15 min Scan# 1806

Delta R.T. -0.00 min

Lab File: BN011772.D

Acq: 09 Sep 2020 17:44

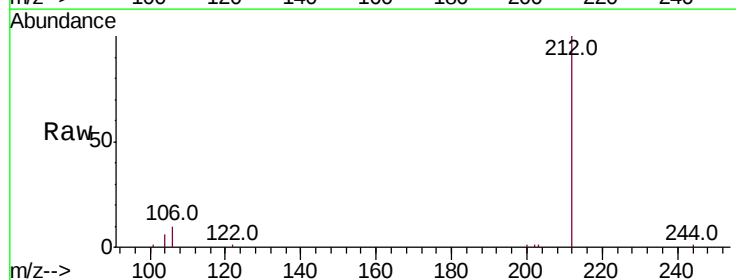
Tgt Ion:212 Resp: 13519

Ion Ratio Lower Upper

212 100

106 9.7 7.6 11.4

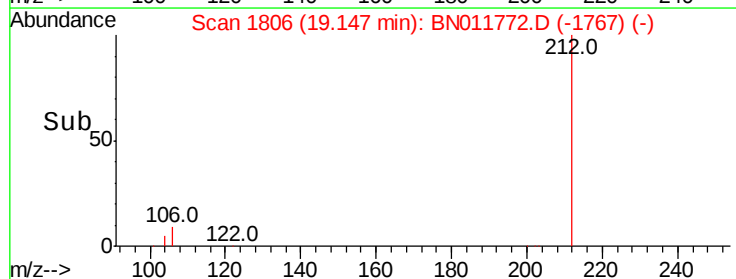
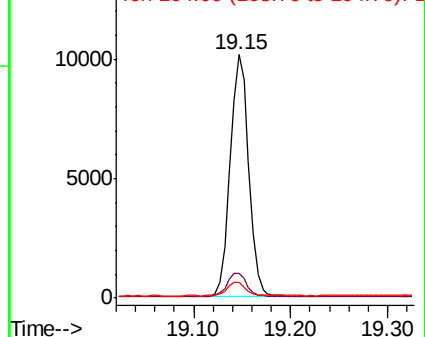
104 5.6 4.6 6.8

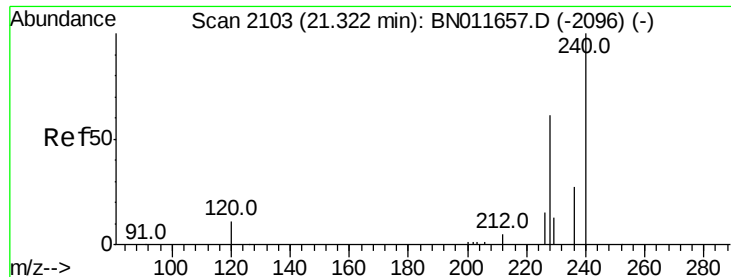


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.30 min Scan# 2101

Delta R.T. -0.01 min

Lab File: BN011772.D

Acq: 09 Sep 2020 17:44

Instrument :

BNA_N

ClientSampleId :

SA-PZ145I-20200901

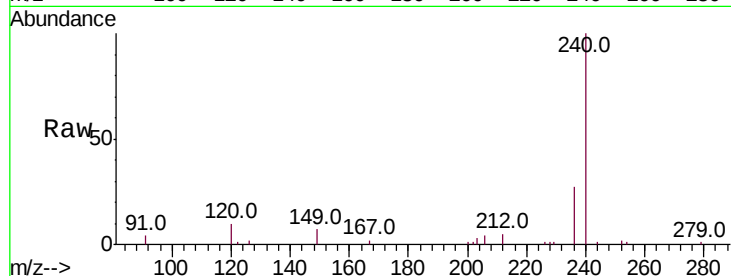
Tot Ion:240 Resp: 12318

Ion Ratio Lower Upper

240 100

120 10.1 9.9 14.9

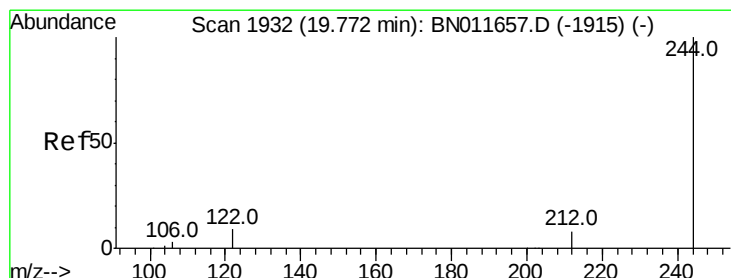
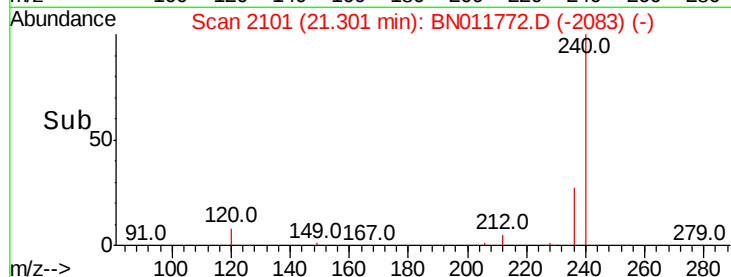
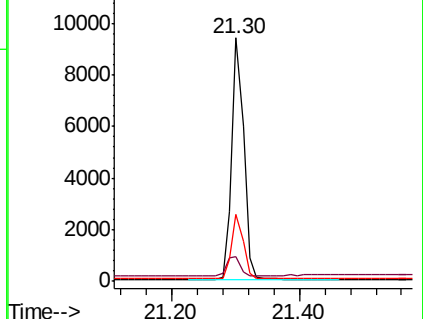
236 27.5 22.2 33.4



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: 0.607 ng

RT: 19.75 min Scan# 1928

Delta R.T. 0.00 min

Lab File: BN011772.D

Acq: 09 Sep 2020 17:44

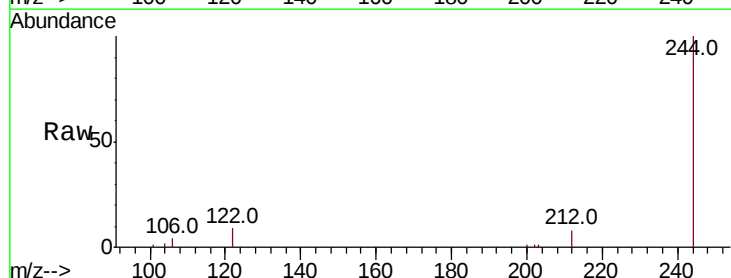
Tgt Ion:244 Resp: 18554

Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

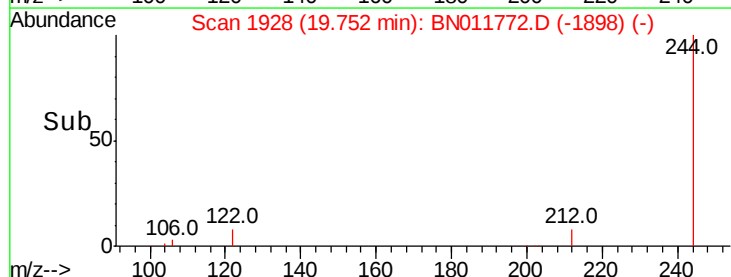
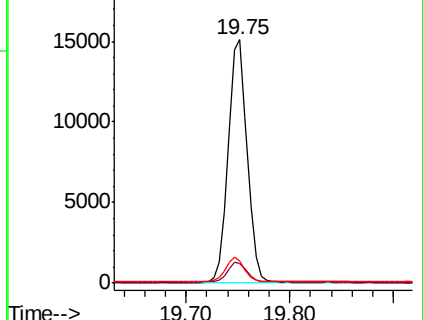
122 8.9 7.4 11.2

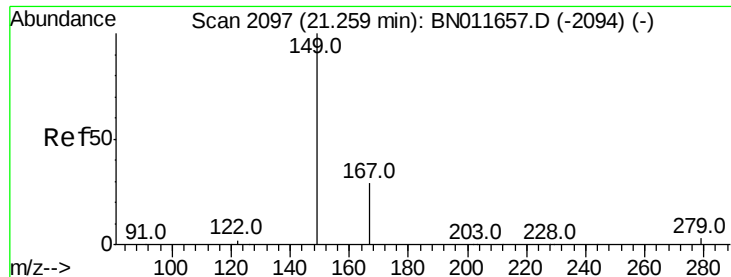


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.046 ng

RT: 21.23 min Scan# 2094

Delta R.T. -0.01 min

Lab File: BN011772.D

Acq: 09 Sep 2020 17:44

Instrument :

BNA_N

ClientSampleId :

SA-PZ145I-20200901

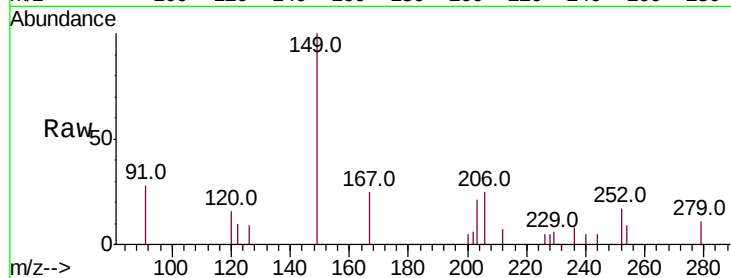
Tot Ion:149 Resp: 822

Ion Ratio Lower Upper

149 100

167 26.8 23.2 34.8

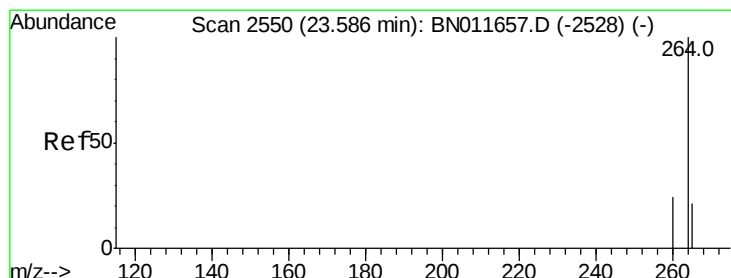
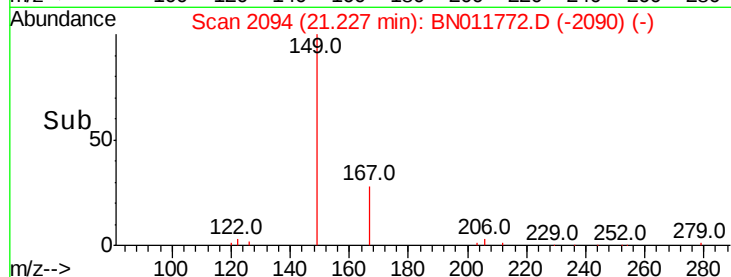
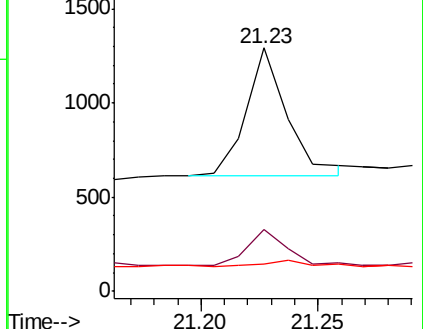
279 5.7 4.0 6.0



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

Perylene-d12

Concen: 0.400 ng

RT: 23.55 min Scan# 2539

Delta R.T. -0.01 min

Lab File: BN011772.D

Acq: 09 Sep 2020 17:44

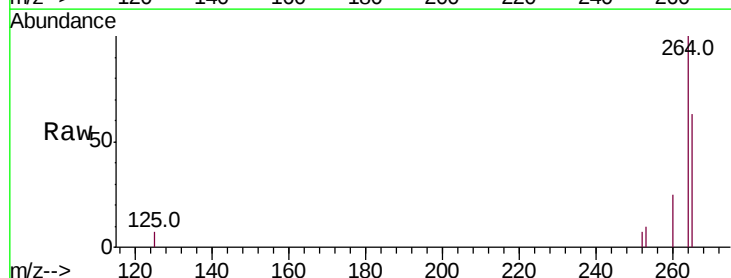
Tgt Ion:264 Resp: 12217

Ion Ratio Lower Upper

264 100

260 25.2 19.8 29.6

265 62.7 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

