

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090920\
 Data File : BN011780.D
 Acq On : 10 Sep 2020 04:12
 Operator : CG/JU
 Sample : L3903-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SA-PZ123I-20200902

Quant Time: Sep 10 05:11:33 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	2231	0.40	ng	0.00
7) Naphthalene-d8	10.52	136	8141	0.40	ng	0.00
13) Acenaphthene-d10	14.37	164	4870	0.40	ng	0.00
19) Phenanthrene-d10	17.11	188	10620	0.40	ng	0.00
29) Chrysene-d12	21.30	240	10179	0.40	ng	-0.01
36) Perylene-d12	23.55	264	9971	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.33	112	949	0.15	ng	0.00
5) Phenol-d6	6.89	99	695	0.08	ng	0.00
8) Nitrobenzene-d5	8.87	82	2807	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.10	152	4535	0.31	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	796	0.34	ng	-0.01
15) 2-Fluorobiphenyl	12.99	172	7185	0.35	ng	0.00
27) Fluoranthene-d10	19.15	212	10646	0.31	ng	0.00
31) Terphenyl-d14	19.75	244	9677	0.38	ng	0.00

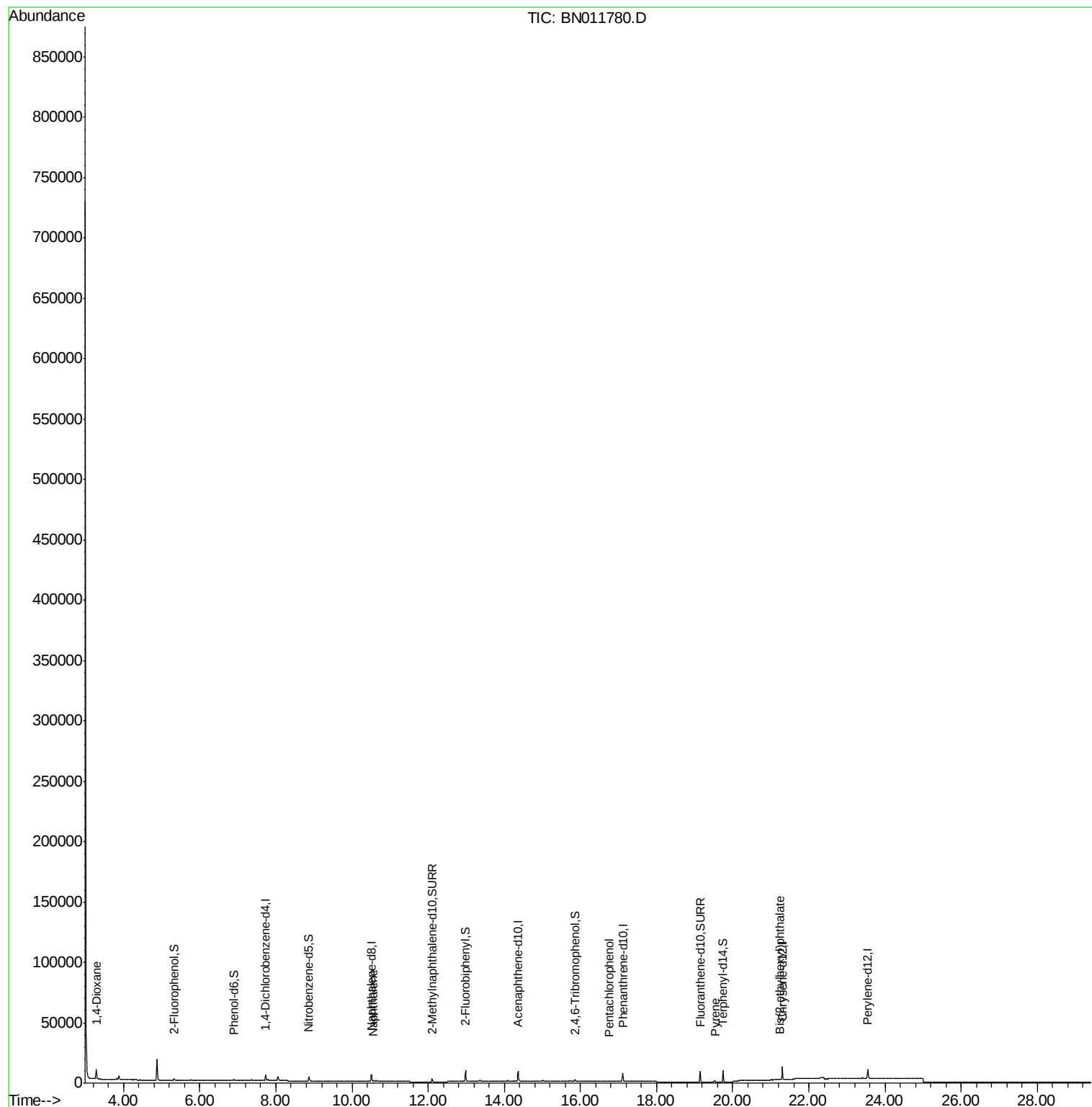
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.29	88	4820	1.344	ng	97
9) Naphthalene	10.55	128	739	0.032	ng	# 67
24) Pentachlorophenol	16.76	266	136	0.045	ng	# 88
30) Pyrene	19.54	202	1606	0.045	ng	96
34) Bis(2-ethylhexyl)phthalate	21.23	149	332	0.022	ng	94

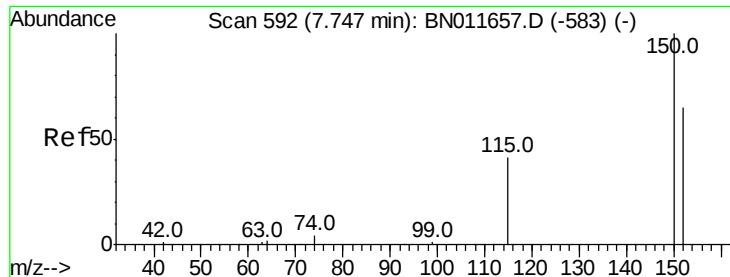
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BN011780.D

Acq: 10 Sep 2020 04:12

Instrument :

BNA_N

ClientSampleId :

SA-PZ123I-20200902

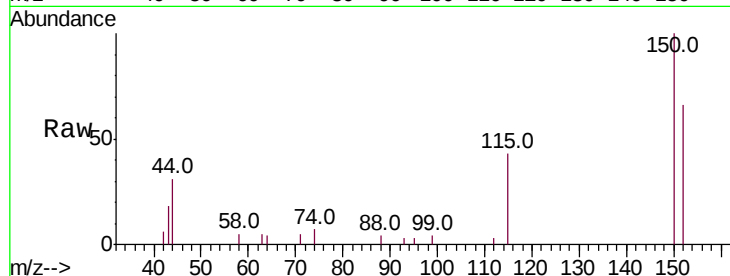
Tot Ion:152 Resp: 2231

Ion Ratio Lower Upper

152 100

150 151.4 121.0 181.6

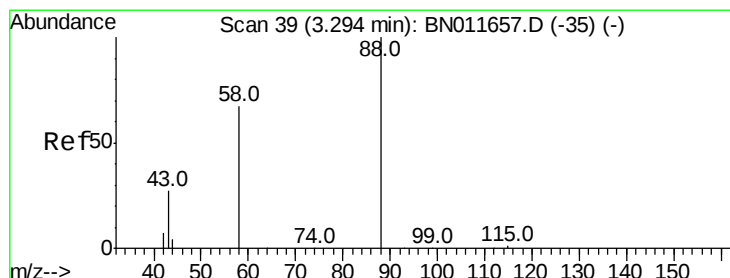
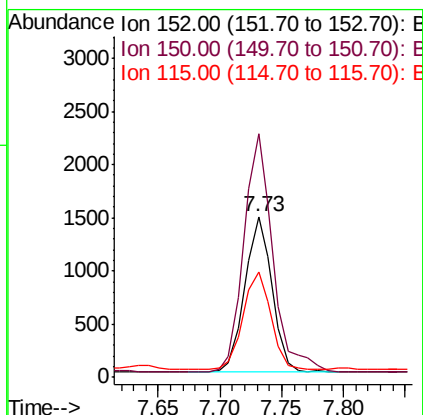
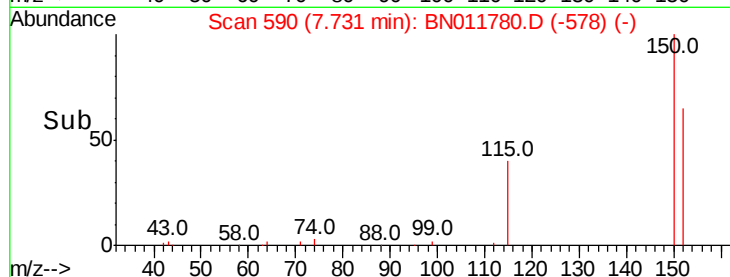
115 65.6 52.6 78.8



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: 1.344 ng

RT: 3.29 min Scan# 38

Delta R.T. -0.01 min

Lab File: BN011780.D

Acq: 10 Sep 2020 04:12

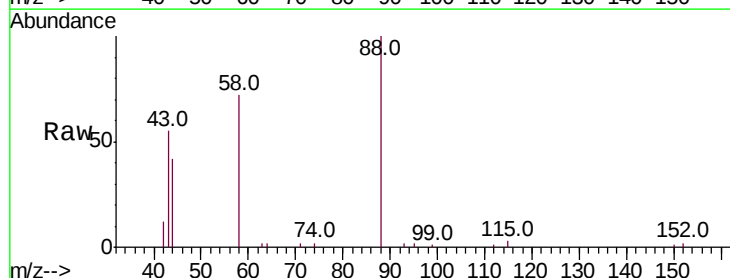
Tgt Ion: 88 Resp: 4820

Ion Ratio Lower Upper

88 100

58 73.9 61.4 92.0

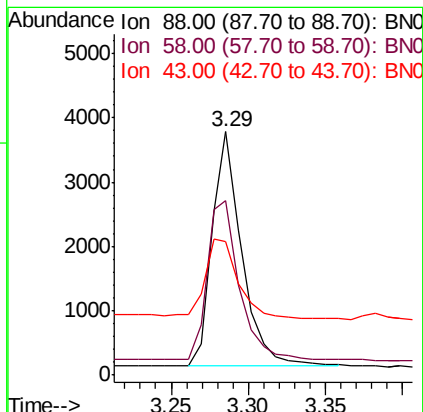
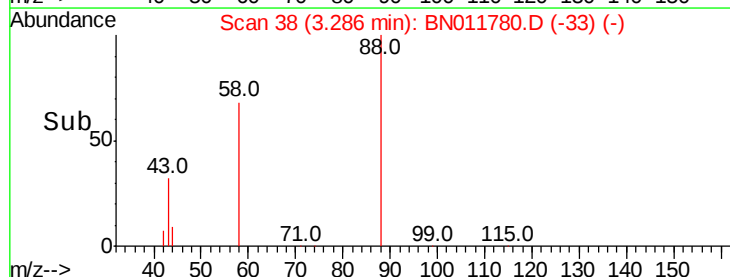
43 37.9 29.8 44.8

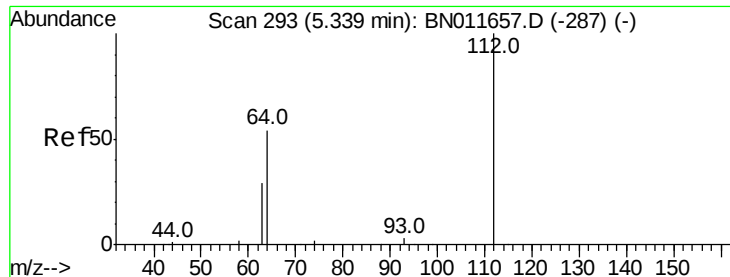


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#4

2-Fluorophenol

Concen: 0.151 ng

RT: 5.33 min Scan# 292

Delta R.T. 0.00 min

Lab File: BN011780.D

Acq: 10 Sep 2020 04:12

Instrument :

BNA_N

ClientSampleId :

SA-PZ123I-20200902

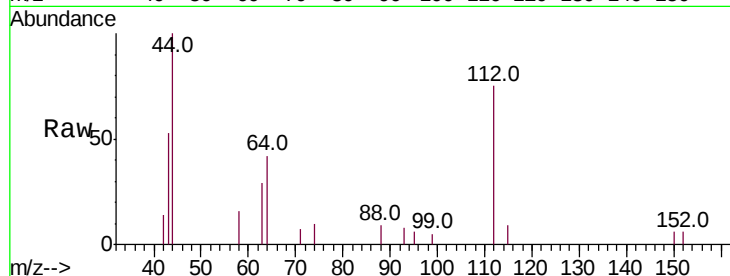
Tot Ion:112 Resp: 949

Ion Ratio Lower Upper

112 100

64 64.0 49.7 74.5

63 39.1 29.4 44.0



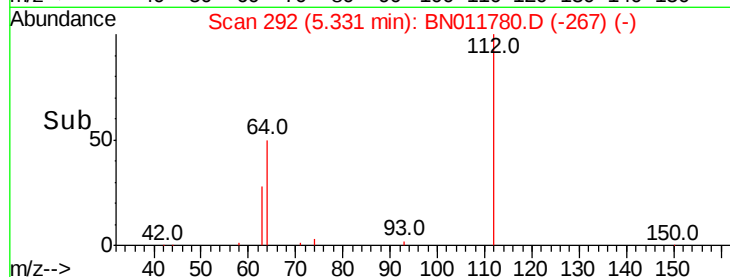
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

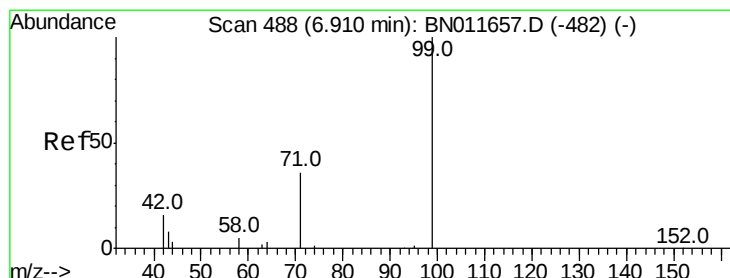
Ion 63.00 (62.70 to 63.70): BNC

5.33

Time-->



Time-->



#5

Phenol-d6

Concen: 0.081 ng

RT: 6.89 min Scan# 486

Delta R.T. 0.00 min

Lab File: BN011780.D

Acq: 10 Sep 2020 04:12

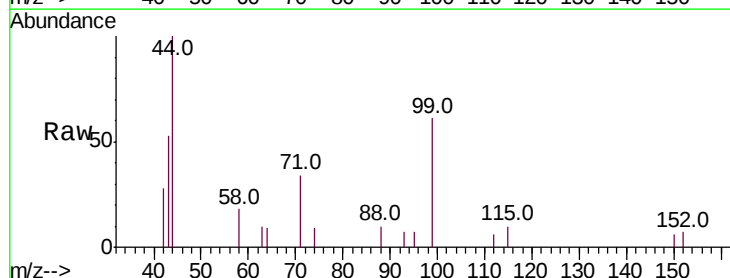
Tgt Ion: 99 Resp: 695

Ion Ratio Lower Upper

99 100

42 38.4 20.2 30.2#

71 50.5 33.3 49.9#



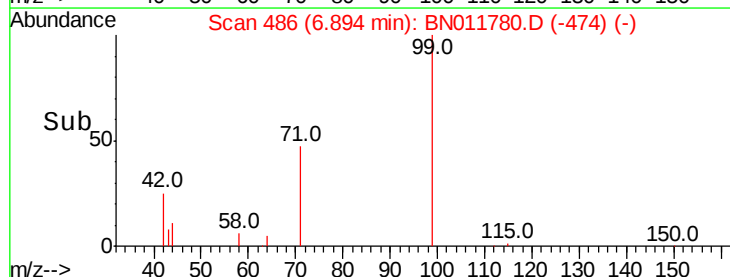
Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

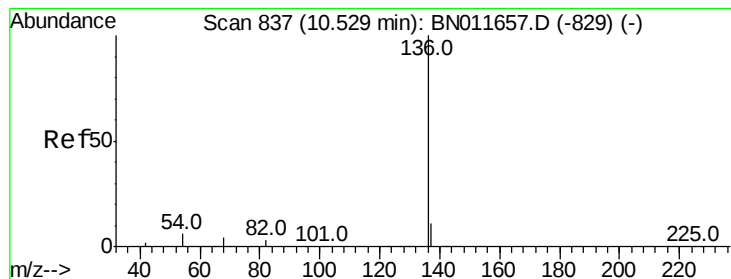
Ion 71.00 (70.70 to 71.70): BNC

6.89

Time-->



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.52 min Scan# 836

Delta R.T. 0.00 min

Lab File: BN011780.D

Acq: 10 Sep 2020 04:12

Instrument :

BNA_N

ClientSampleId :

SA-PZ123I-20200902

Tot Ion:136 Resp: 8141

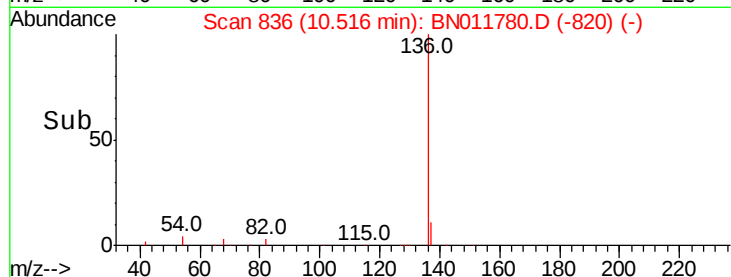
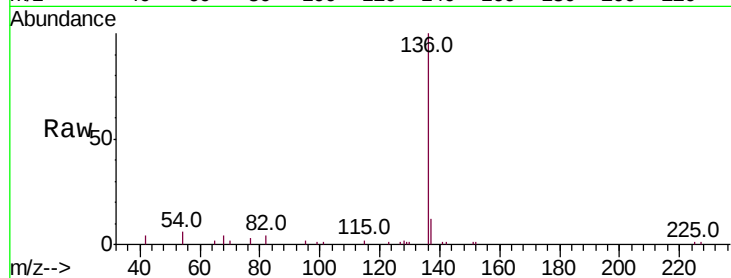
Ion Ratio Lower Upper

136 100

137 11.8 9.3 13.9

54 5.7 5.8 8.8#

68 4.0 4.1 6.1#

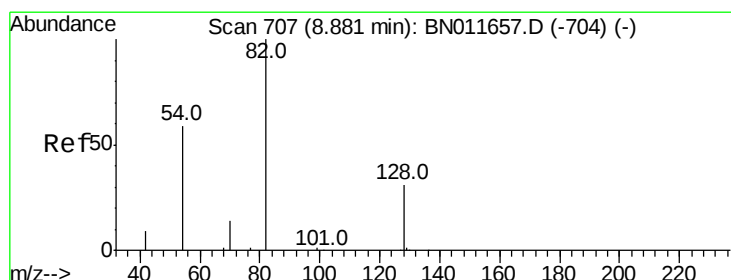
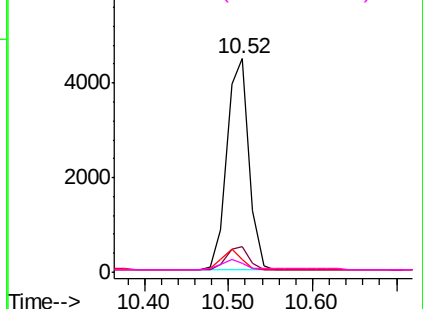


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.356 ng

RT: 8.87 min Scan# 706

Delta R.T. 0.00 min

Lab File: BN011780.D

Acq: 10 Sep 2020 04:12

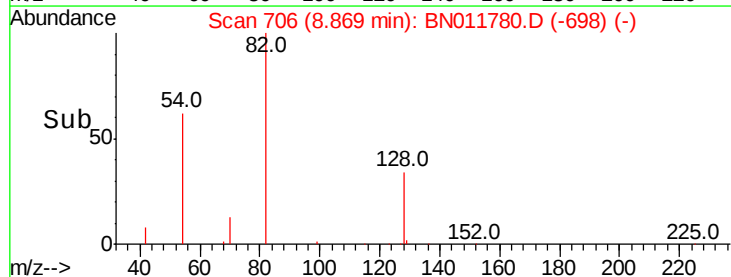
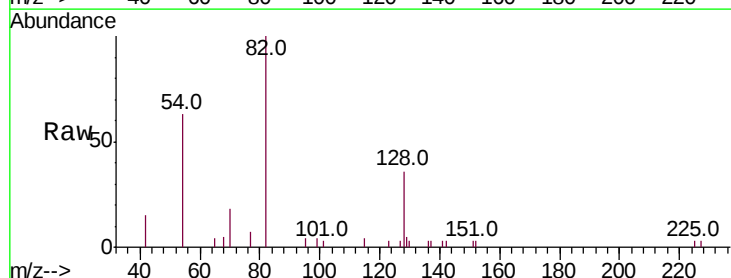
Tgt Ion: 82 Resp: 2807

Ion Ratio Lower Upper

82 100

128 36.1 26.2 39.2

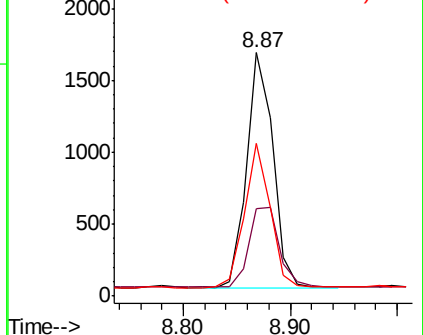
54 63.0 48.2 72.4

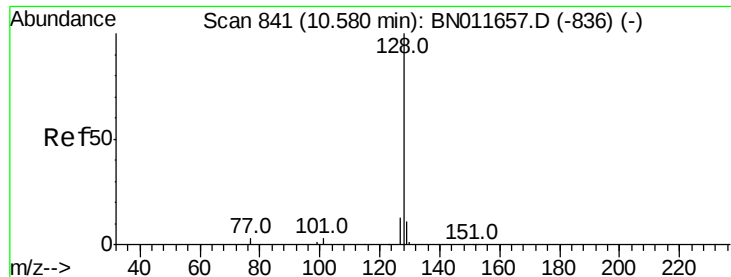


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.032 ng

RT: 10.55 min Scan# 839

Delta R.T. -0.01 min

Lab File: BN011780.D

Acq: 10 Sep 2020 04:12

Instrument :

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SA-PZ123I-20200902

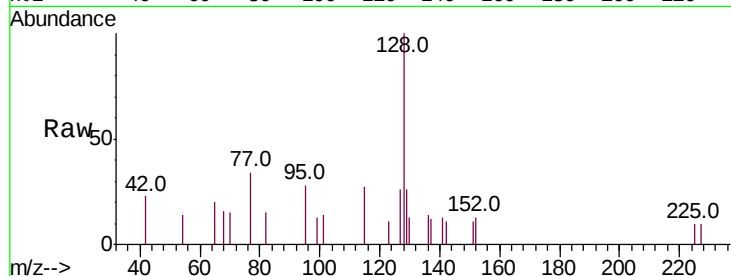
Tot Ion:128 Resp: 739

Ion Ratio Lower Upper

128 100

129 25.8 9.4 14.2#

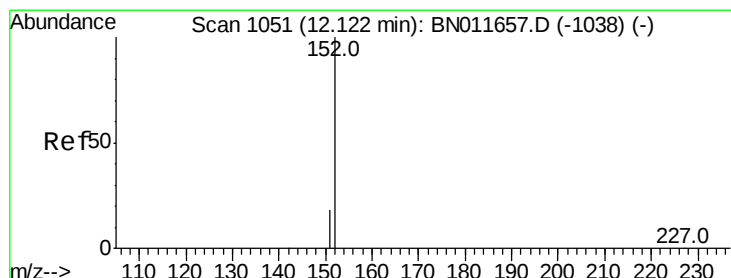
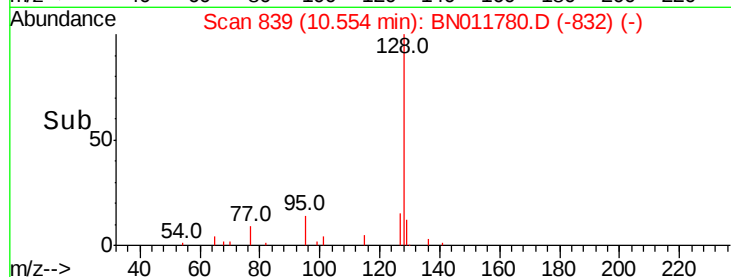
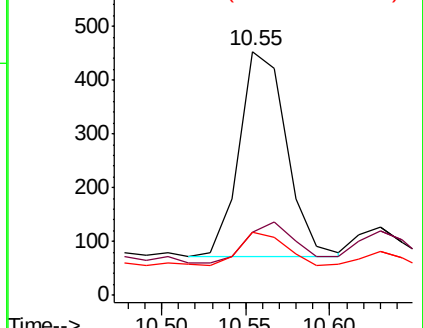
127 25.6 10.8 16.2#



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: 0.309 ng

RT: 12.10 min Scan# 1047

Delta R.T. -0.00 min

Lab File: BN011780.D

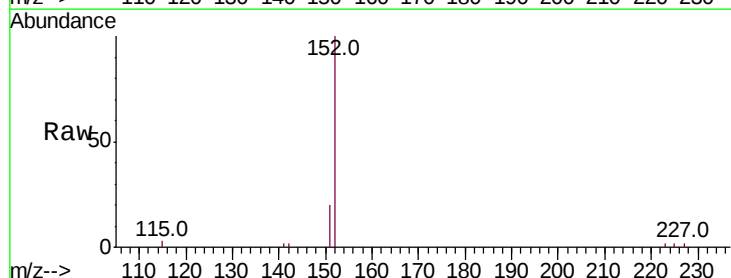
Acq: 10 Sep 2020 04:12

Tgt Ion:152 Resp: 4535

Ion Ratio Lower Upper

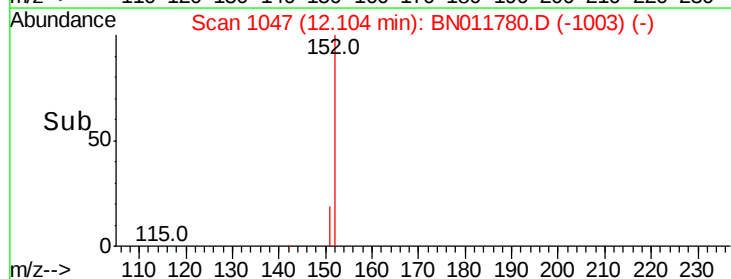
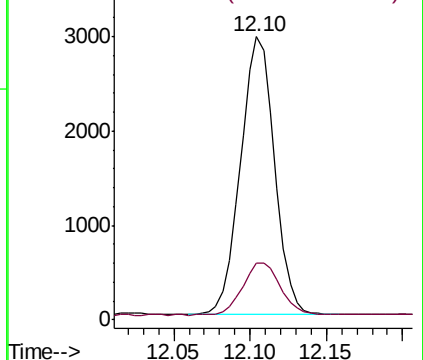
152 100

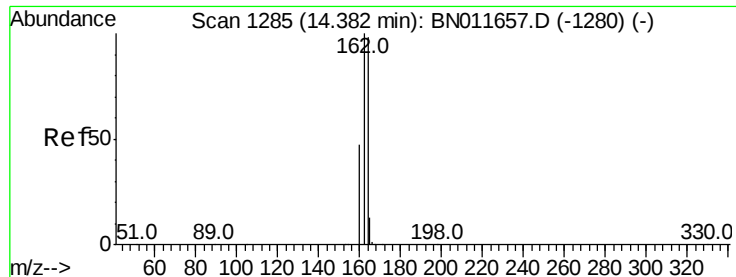
151 21.2 16.7 25.1



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: BN011780.D

Acq: 10 Sep 2020 04:12

Instrument :

BNA_N

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SA-PZ123I-20200902

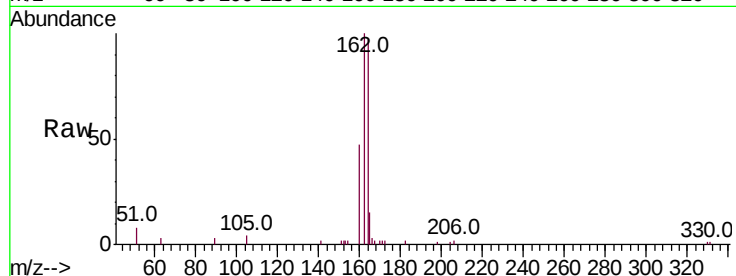
Tot Ion:164 Resp: 4870

Ion Ratio Lower Upper

164 100

162 103.0 81.4 122.0

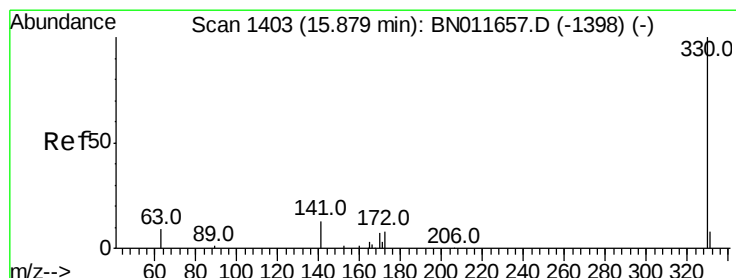
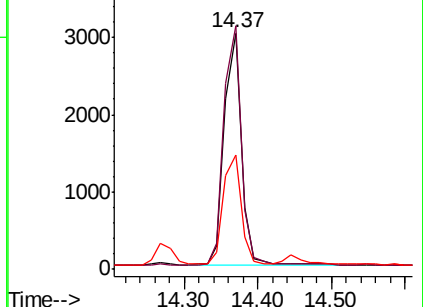
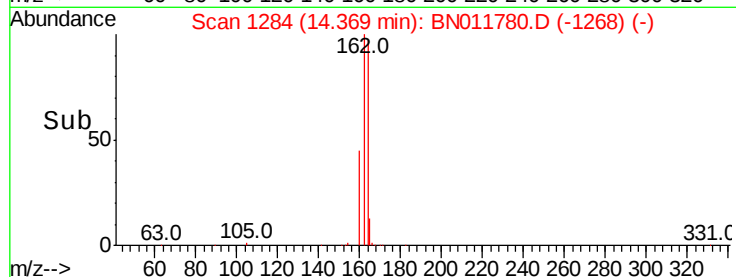
160 48.1 38.5 57.7



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: 0.337 ng

RT: 15.85 min Scan# 1401

Delta R.T. -0.01 min

Lab File: BN011780.D

Acq: 10 Sep 2020 04:12

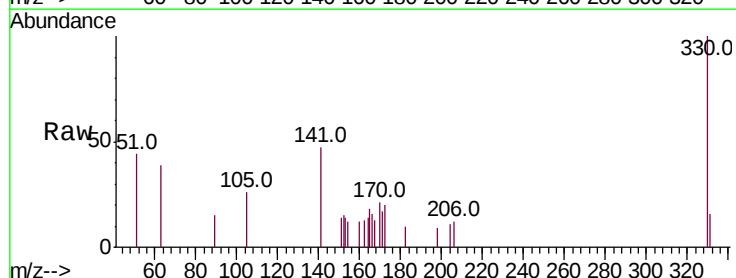
Tgt Ion:330 Resp: 796

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

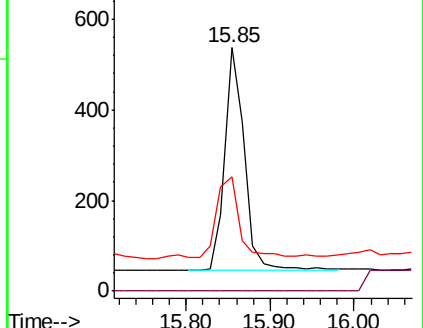
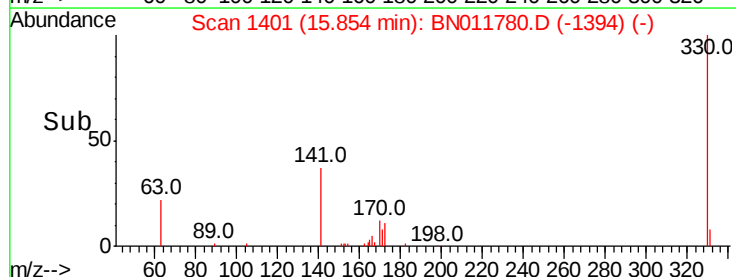
141 40.6 29.8 44.8

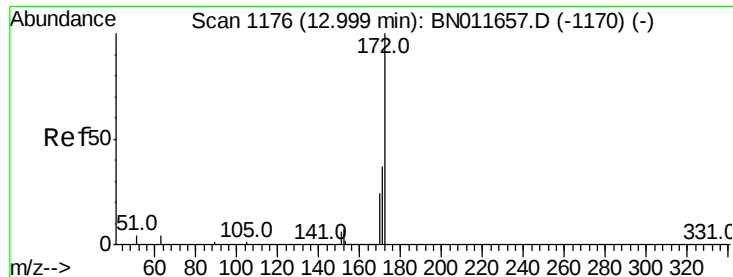


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

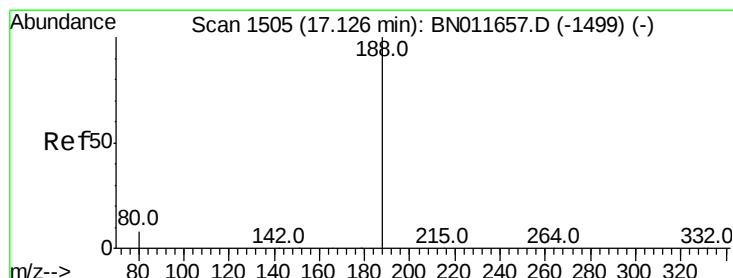
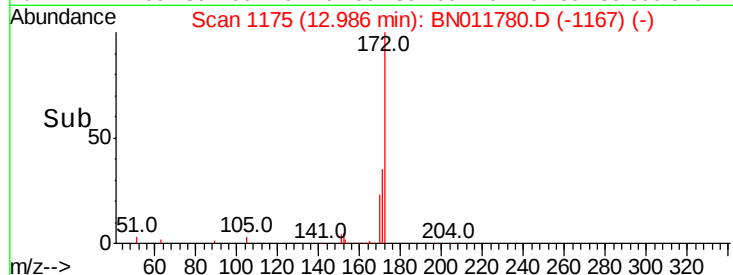
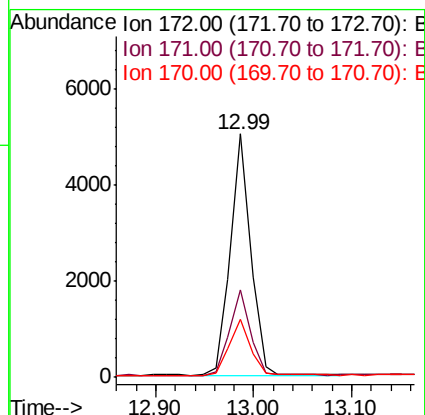
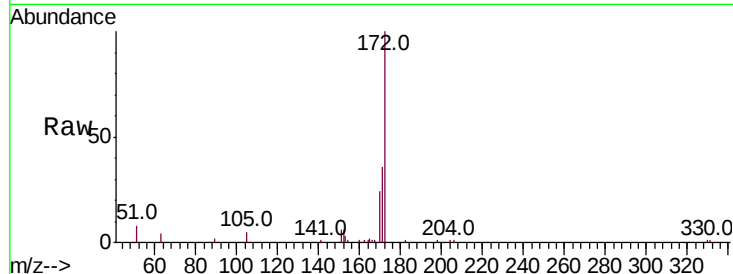




#15
2-Fluorobiphenyl
Concen: 0.349 ng
RT: 12.99 min Scan# 1175
Delta R.T. 0.00 min
Lab File: BN011780.D
Acq: 10 Sep 2020 04:12

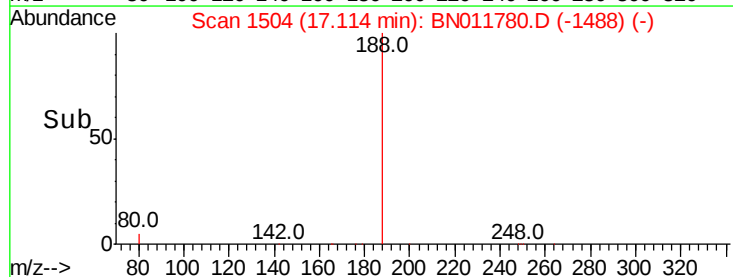
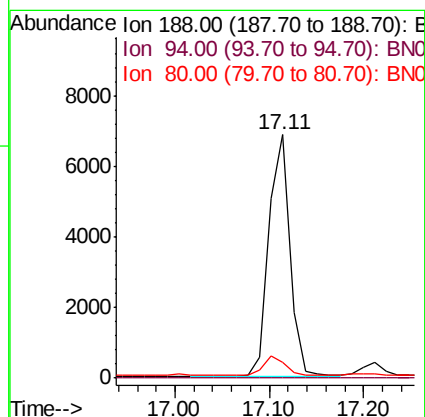
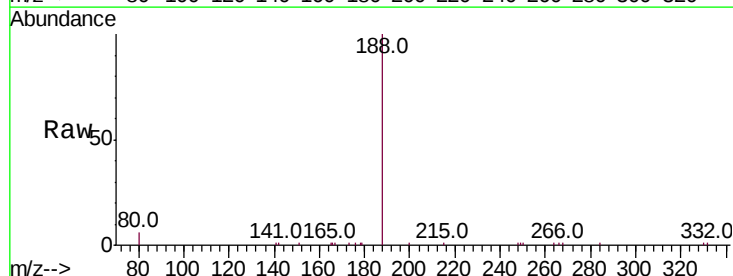
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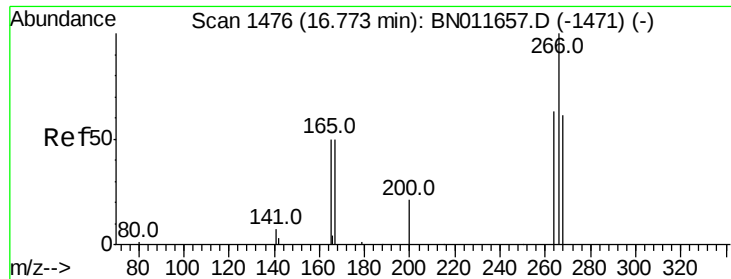
Tot Ion:172 Resp: 7185
Ion Ratio Lower Upper
172 100
171 36.1 30.0 45.0
170 23.9 20.1 30.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.11 min Scan# 1504
Delta R.T. 0.00 min
Lab File: BN011780.D
Acq: 10 Sep 2020 04:12

Tgt Ion:188 Resp: 10620
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.4 6.6 9.8#

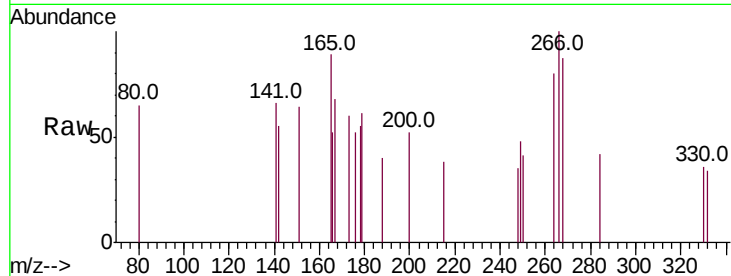




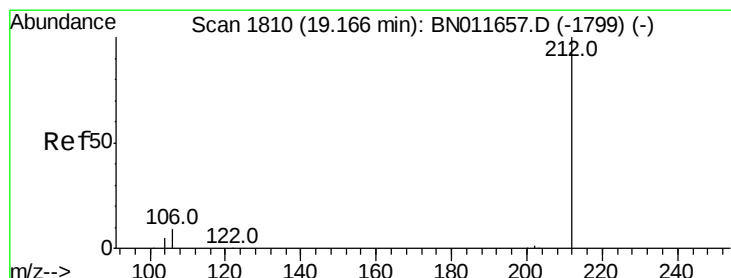
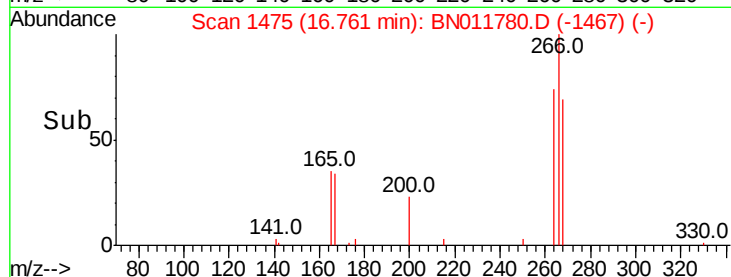
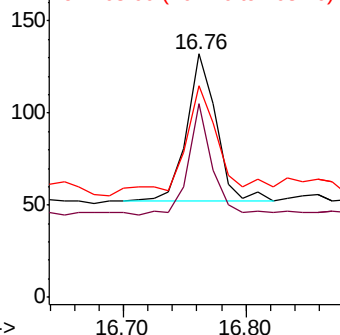
#24
 Pentachlorophenol
 Concen: 0.045 ng
 RT: 16.76 min Scan# 1475
 Delta R.T. 0.00 min
 Lab File: BN011780.D
 Acq: 10 Sep 2020 04:12

Instrument :
 BNA_N
 ClientSampleId :
 SA-PZ123I-20200902

Tot Ion:266 Resp: 136
 Ion Ratio Lower Upper
 266 100
 264 61.8 49.5 74.3
 268 84.6 53.0 79.4#

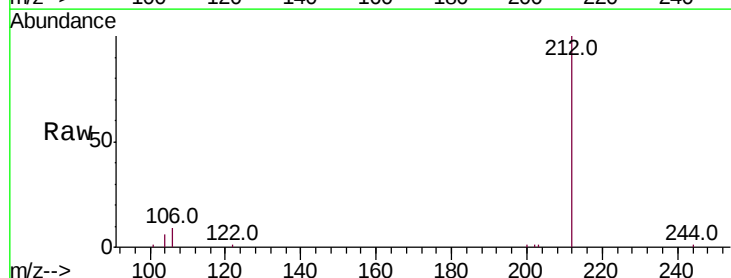


Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

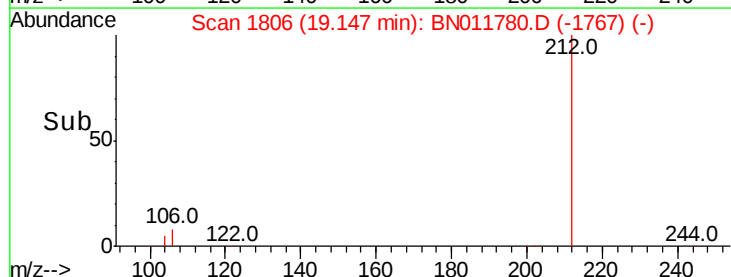
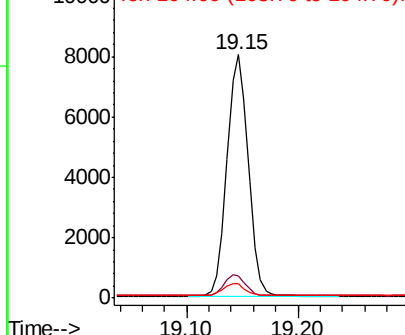


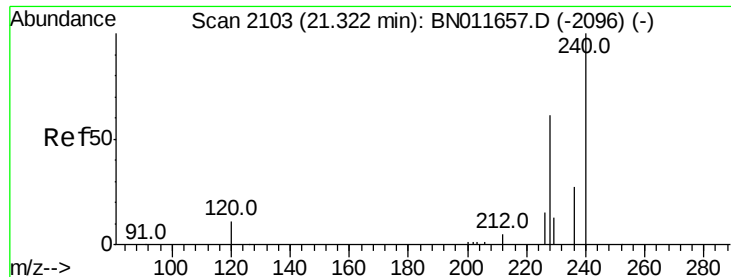
#27
 Fluoranthene-d10
 Concen: 0.312 ng
 RT: 19.15 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: BN011780.D
 Acq: 10 Sep 2020 04:12

Tgt Ion:212 Resp: 10646
 Ion Ratio Lower Upper
 212 100
 106 8.7 7.6 11.4
 104 5.1 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: BN011780.D

Acq: 10 Sep 2020 04:12

Instrument :

BNA_N

ClientSampleId :

SA-PZ123I-20200902

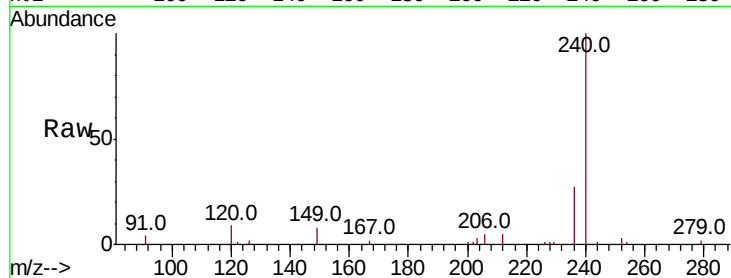
Tot Ion:240 Resp: 10179

Ion Ratio Lower Upper

240 100

120 9.4 9.9 14.9#

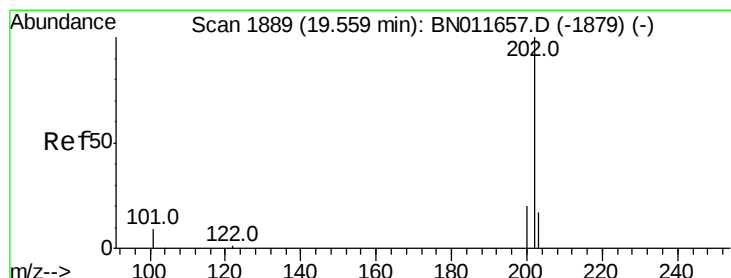
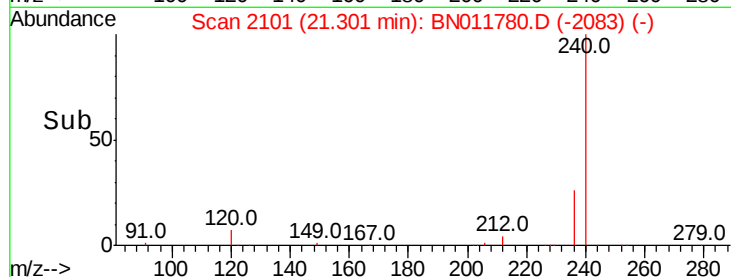
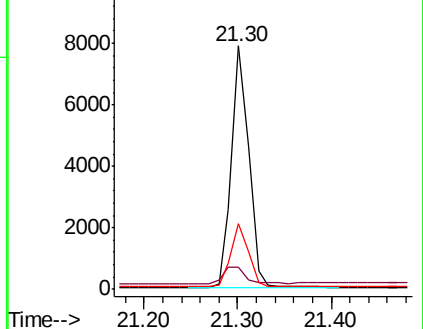
236 27.1 22.2 33.4



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



#30

Pyrene

Concen: 0.045 ng

RT: 19.54 min Scan# 1885

Delta R.T. -0.00 min

Lab File: BN011780.D

Acq: 10 Sep 2020 04:12

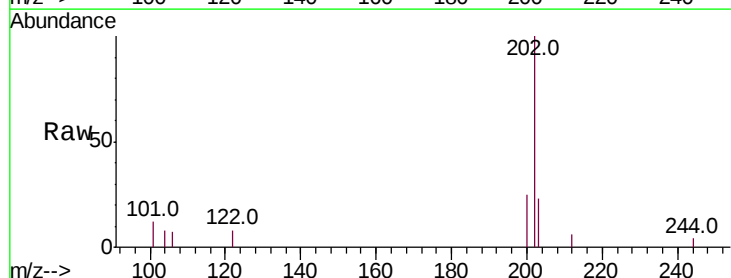
Tgt Ion:202 Resp: 1606

Ion Ratio Lower Upper

202 100

200 22.3 16.3 24.5

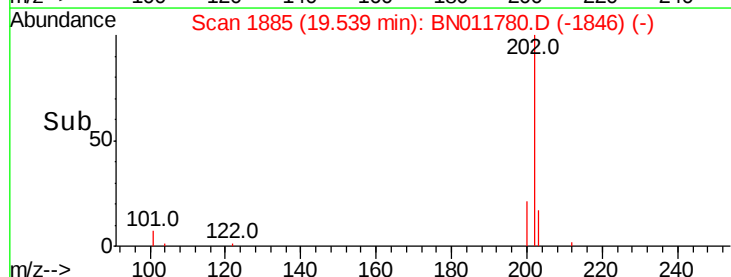
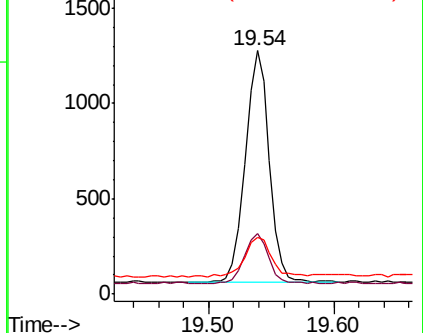
203 19.1 14.1 21.1

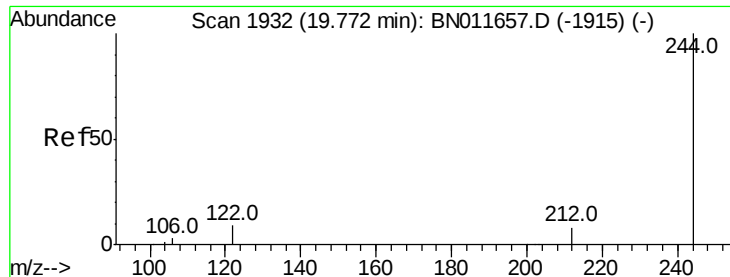


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#31

Terphenyl-d14

Concen: 0.383 ng

RT: 19.75 min Scan# 1927

Delta R.T. -0.00 min

Lab File: BN011780.D

Acq: 10 Sep 2020 04:12

Instrument :

BNA_N

ClientSampleId :

SA-PZ123I-20200902

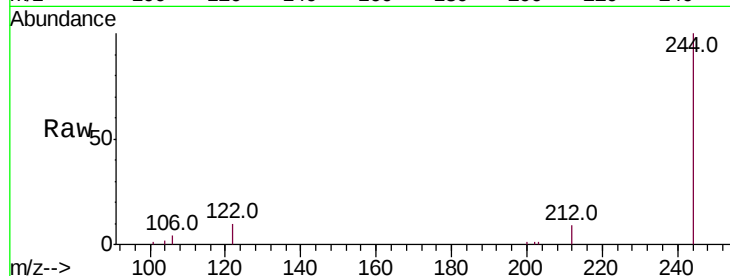
Tot Ion:244 Resp: 9677

Ion Ratio Lower Upper

244 100

212 8.9 6.5 9.7

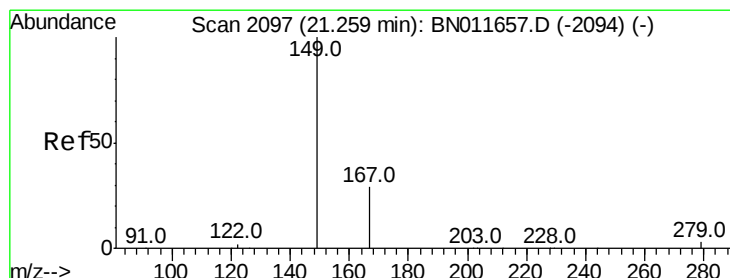
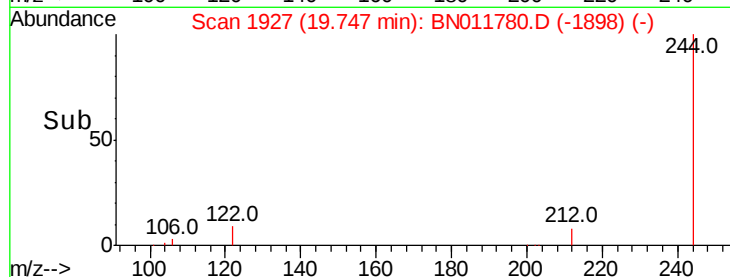
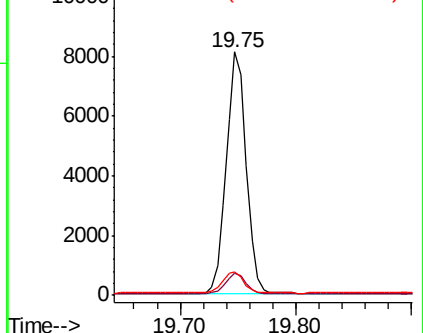
122 9.8 7.4 11.2



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



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.022 ng

RT: 21.23 min Scan# 2094

Delta R.T. -0.01 min

Lab File: BN011780.D

Acq: 10 Sep 2020 04:12

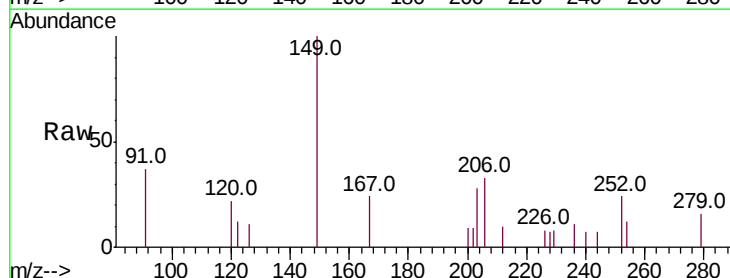
Tgt Ion:149 Resp: 332

Ion Ratio Lower Upper

149 100

167 32.5 23.2 34.8

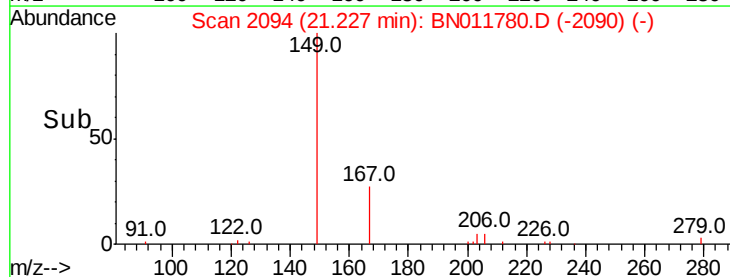
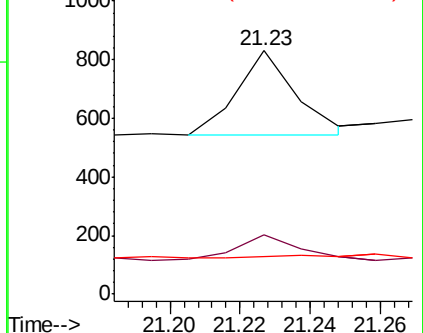
279 5.4 4.0 6.0

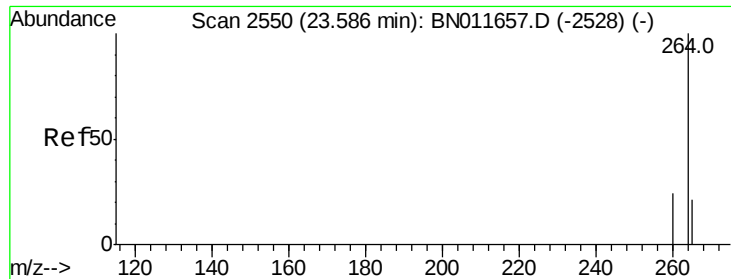


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.55 min Scan# 2539
 Delta R.T. -0.01 min
 Lab File: BN011780.D
 Acq: 10 Sep 2020 04:12

Instrument :
 BNA_N
 ClientSampleId :
 SA-PZ123I-20200902

Tot Ion: 264 Resp: 9971
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.8 29.6
 265 64.0 38.9 58.3#

