

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072320\
 Data File : BN011231.D
 Acq On : 22 Jul 2020 23:12
 Operator : CG/JU
 Sample : L3390-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 OUTFALL001-200721

Quant Time: Jul 23 03:58:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN071120.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 22 19:29:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	1452	0.40	ng	0.00
7) Naphthalene-d8	10.24	136	5250	0.40	ng	0.00
13) Acenaphthene-d10	14.12	164	3287	0.40	ng	0.00
19) Phenanthrene-d10	16.87	188	7782	0.40	ng	0.00
29) Chrysene-d12	21.09	240	6768	0.40	ng	-0.01
36) Perylene-d12	23.22	264	5853	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.15	112	578	0.16	ng	0.00
5) Phenol-d6	6.70	99	405	0.10	ng	0.00
8) Nitrobenzene-d5	8.64	82	2022	0.43	ng	0.01
11) 2-Methylnaphthalene-d10	11.84	152	3073	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.63	330	560	0.38	ng	0.00
15) 2-Fluorobiphenyl	12.73	172	7174	0.47	ng	0.00
27) Fluoranthene-d10	18.91	212	9826	0.40	ng	0.00
31) Terphenyl-d14	19.53	244	11684	0.66	ng	0.00

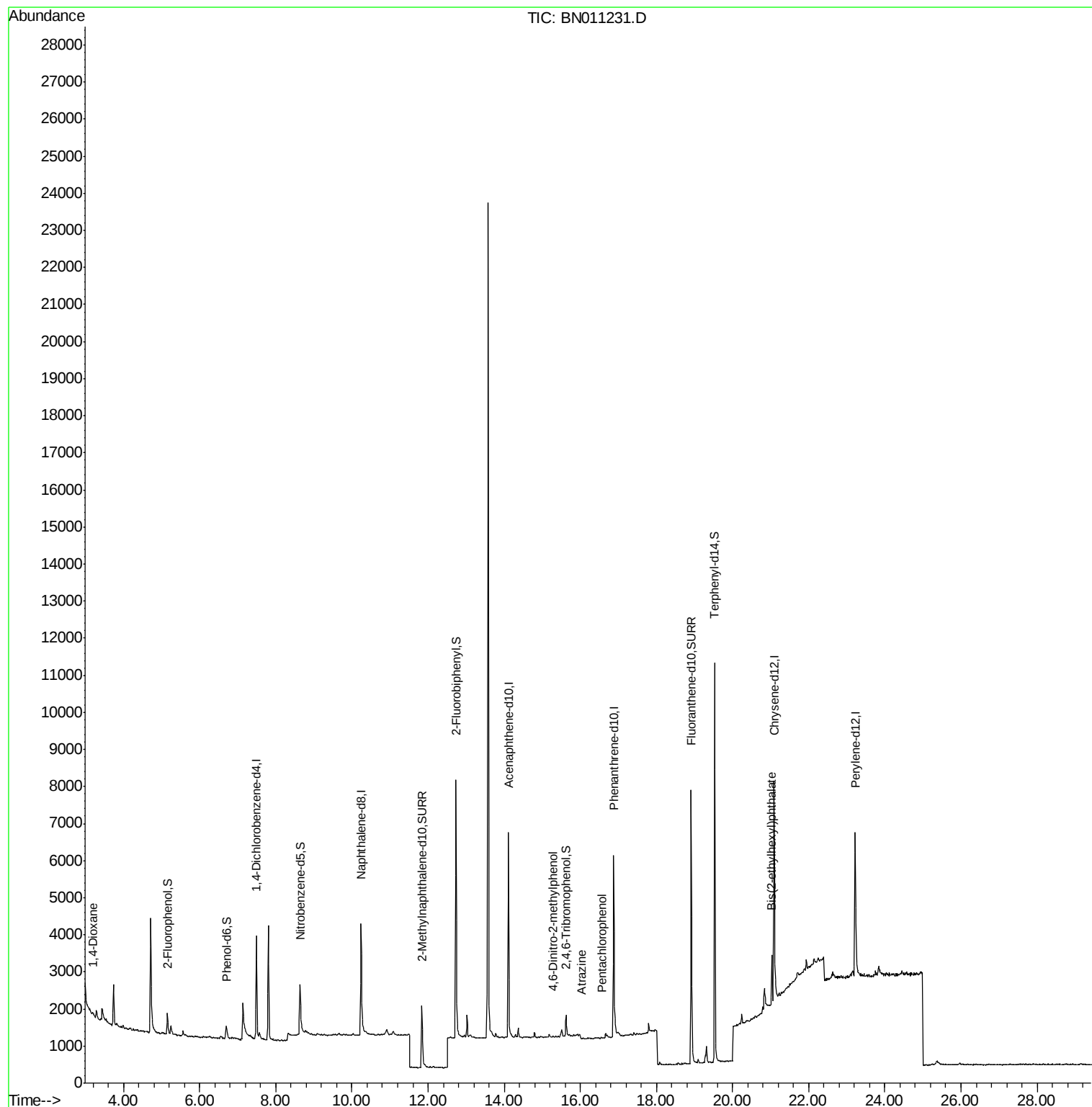
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.20	88	78	0.038	ng	# 54
20) 4,6-Dinitro-2-methylphenol	15.28	198	2	0.134	ng	# 1
23) Atrazine	16.03	200	273	0.074	ng	# 7
24) Pentachlorophenol	16.55	266	37	0.020	ng	# 88
34) Bis(2-ethylhexyl)phthalate	21.02	149	1187	0.131	ng	# 98
35) Indeno(1,2,3-cd)pyrene	25.34	276	58	Below Cal		# 72

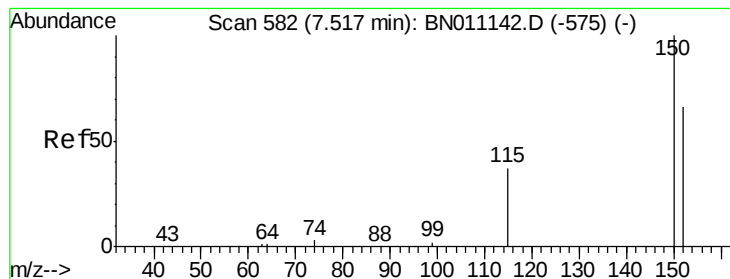
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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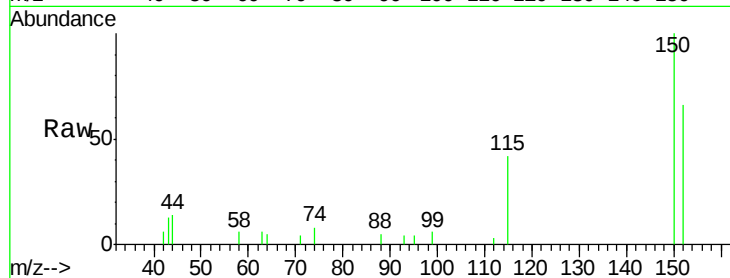


#1

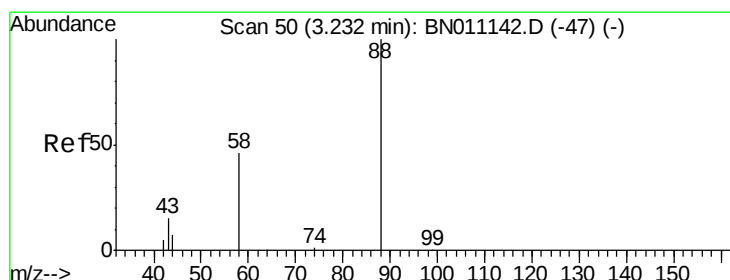
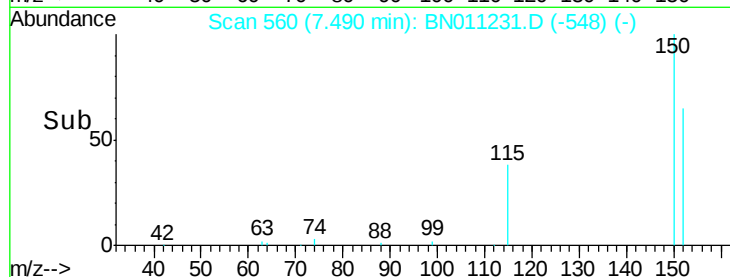
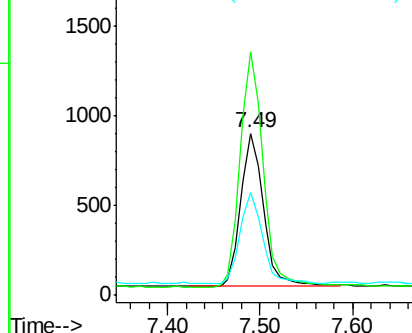
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.49 min Scan# 560
Delta R.T. 0.00 min
Lab File: BN011231.D
Acq: 22 Jul 2020 23:12

Instrument :
BNA_N
ClientSampleId :
OUTFALL001-200721

Tot Ion:152 Resp: 1452
Ion Ratio Lower Upper
152 100
150 150.6 119.4 179.0
115 63.3 48.3 72.5



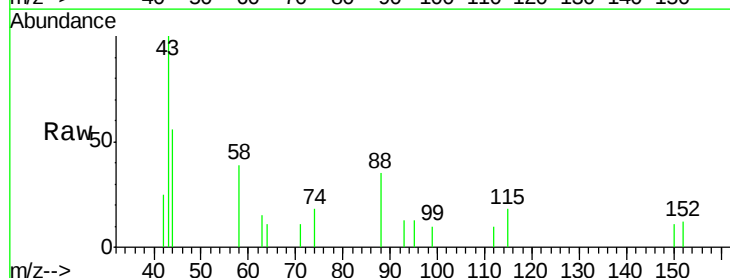
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



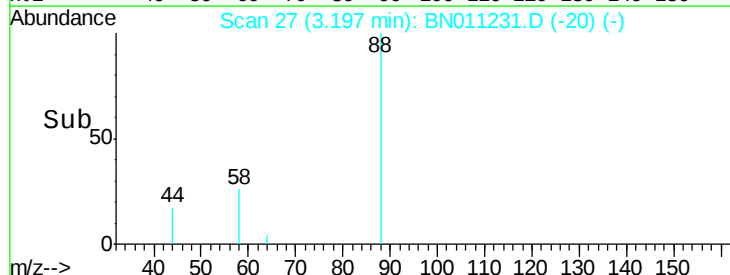
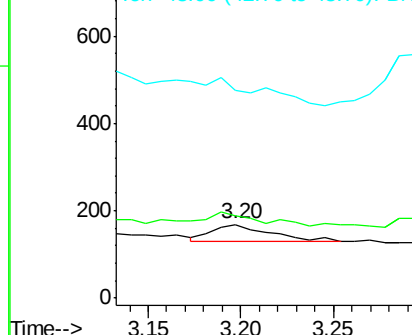
#2

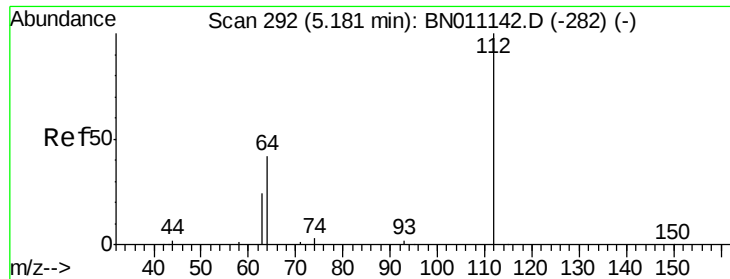
1,4-Dioxane
Concen: 0.038 ng
RT: 3.20 min Scan# 27
Delta R.T. 0.01 min
Lab File: BN011231.D
Acq: 22 Jul 2020 23:12

Tgt Ion: 88 Resp: 78
Ion Ratio Lower Upper
88 100
58 76.9 36.5 54.7#
43 0.0 14.3 21.5#



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: 0.161 ng

RT: 5.15 min Scan# 270

Delta R.T. 0.01 min

Lab File: BN011231.D

Acq: 22 Jul 2020 23:12

Instrument :

BNA_N

ClientSampleId :

OUTFALL001-200721

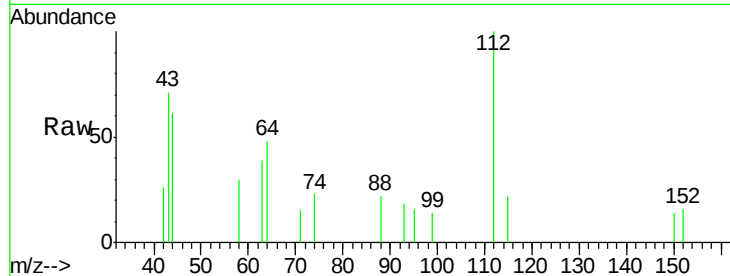
Tot Ion: 112 Resp: 578

Ion Ratio Lower Upper

112 100

64 47.6 36.7 55.1

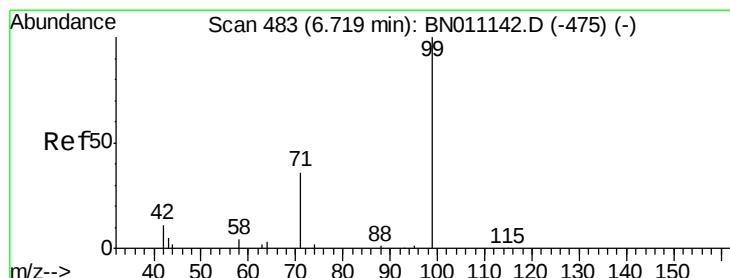
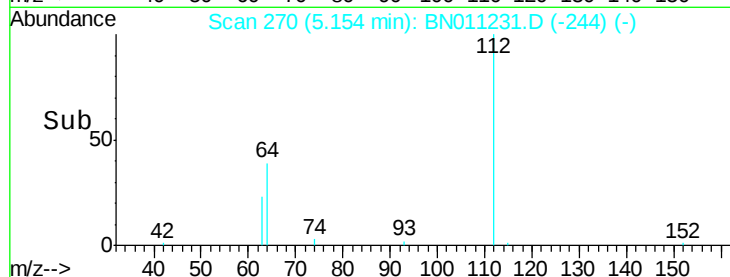
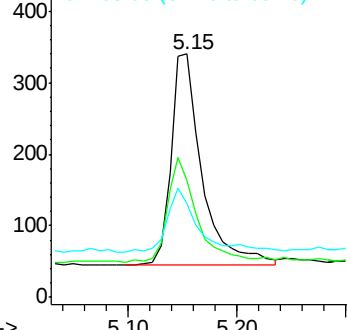
63 31.3 20.4 30.6#



Abundance Ion 112.00 (111.70 to 112.70): BNC

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#5

Phenol-d6

Concen: 0.100 ng

RT: 6.70 min Scan# 462

Delta R.T. 0.01 min

Lab File: BN011231.D

Acq: 22 Jul 2020 23:12

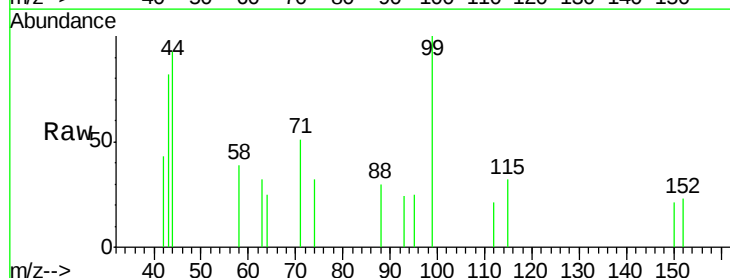
Tgt Ion: 99 Resp: 405

Ion Ratio Lower Upper

99 100

42 25.7 10.8 16.2#

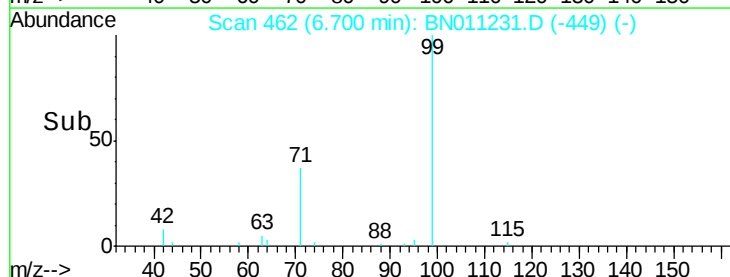
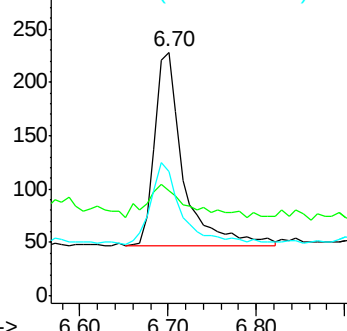
71 45.4 31.3 46.9

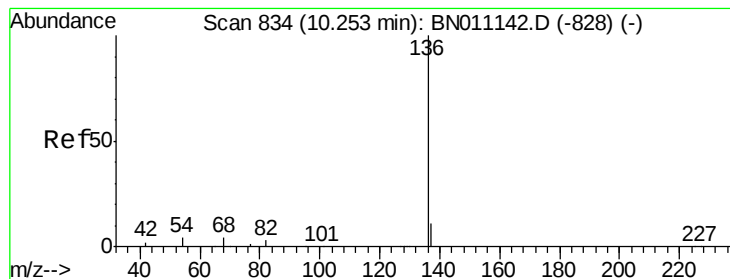


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.24 min Scan# 814

Delta R.T. 0.00 min

Lab File: BN011231.D

Acq: 22 Jul 2020 23:12

Instrument :

BNA_N

ClientSampleId :

OUTFALL001-200721

Tot Ion:136 Resp: 5250

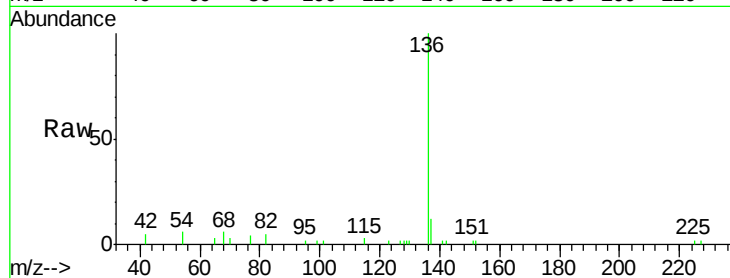
Ion Ratio Lower Upper

136 100

137 12.5 10.3 15.5

54 6.3 4.9 7.3

68 6.3 4.9 7.3

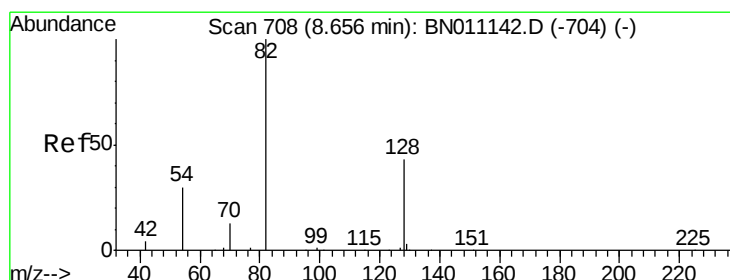
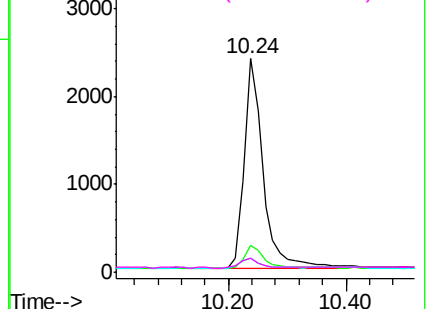
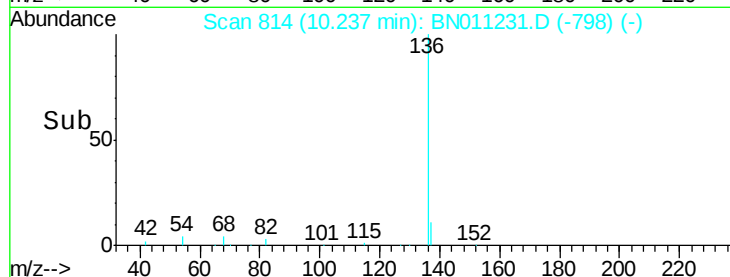


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.435 ng

RT: 8.64 min Scan# 688

Delta R.T. 0.01 min

Lab File: BN011231.D

Acq: 22 Jul 2020 23:12

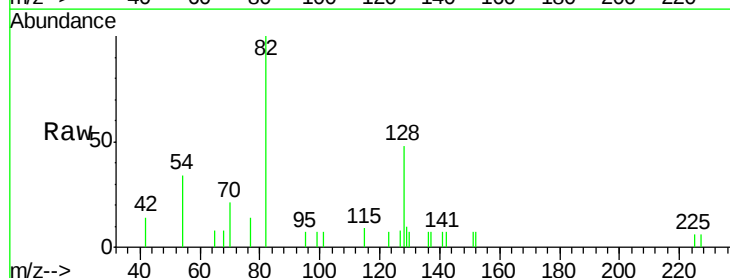
Tgt Ion: 82 Resp: 2022

Ion Ratio Lower Upper

82 100

128 47.6 38.1 57.1

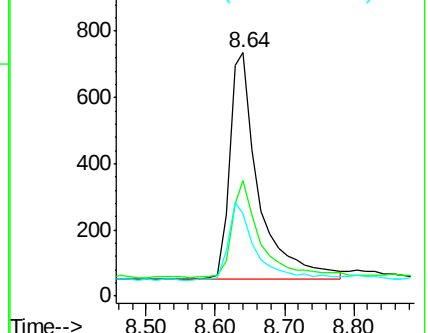
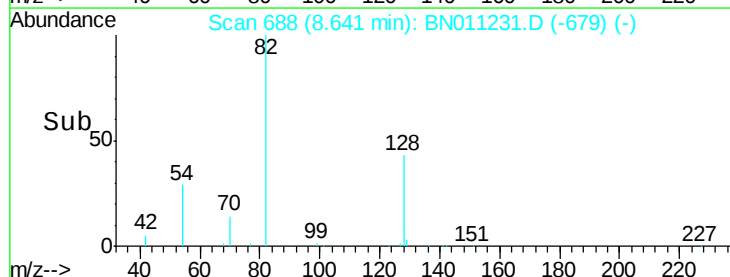
54 33.7 27.1 40.7

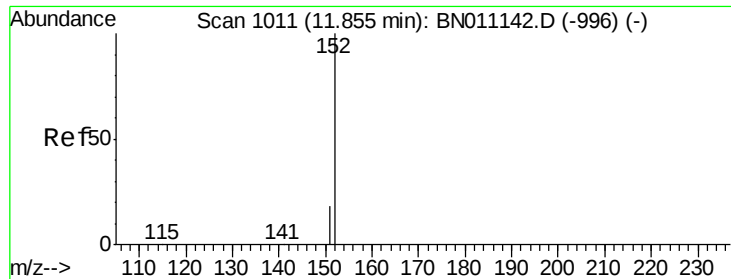


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#11

2-Methylnaphthalene-d10

Concen: 0.361 ng

RT: 11.84 min Scan# 987

Delta R.T. 0.00 min

Lab File: BN011231.D

Acq: 22 Jul 2020 23:12

Instrument :

BNA_N

ClientSampleId :

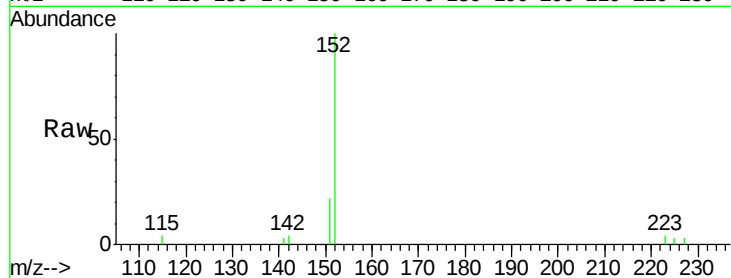
OUTFALL001-200721

Tot Ion:152 Resp: 3073

Ion Ratio Lower Upper

152 100

151 20.2 16.5 24.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.84

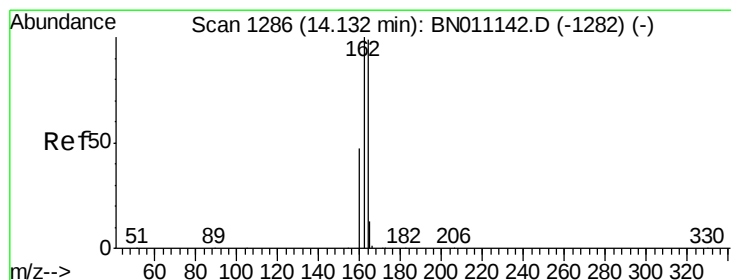
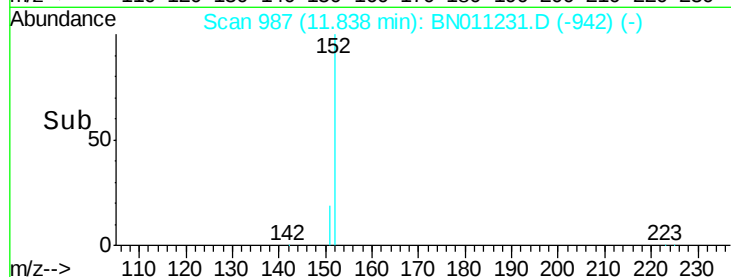
1500

1000

500

0

Time--> 11.70 11.80 11.90 12.00



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.12 min Scan# 1264

Delta R.T. 0.00 min

Lab File: BN011231.D

Acq: 22 Jul 2020 23:12

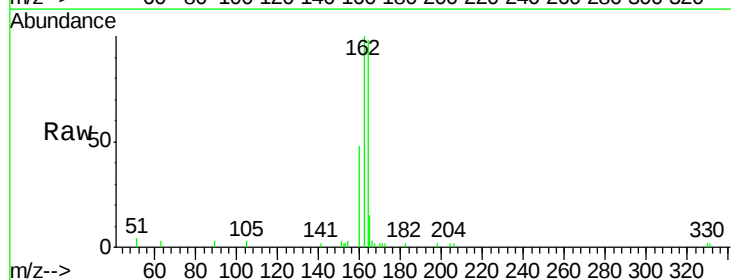
Tgt Ion:164 Resp: 3287

Ion Ratio Lower Upper

164 100

162 101.6 81.0 121.4

160 48.8 39.0 58.6



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

14.12

3000

2500

2000

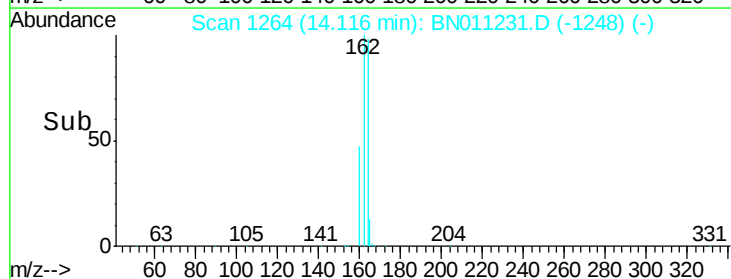
1500

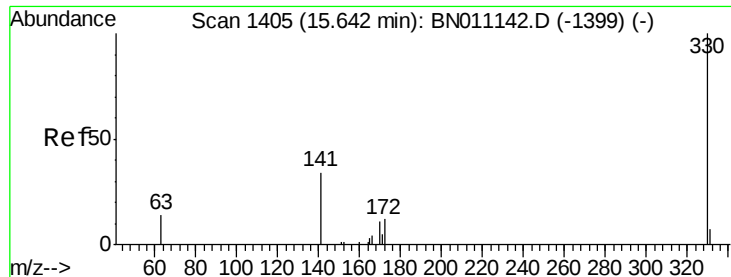
1000

500

0

Time--> 14.00 14.10 14.20

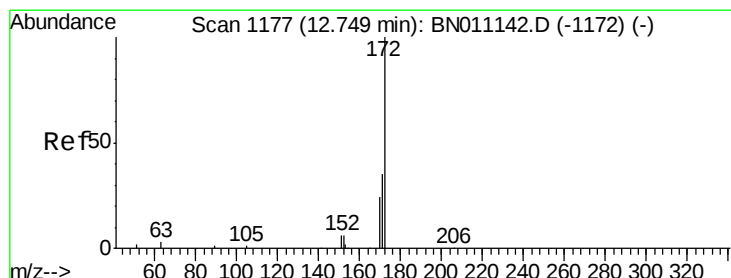
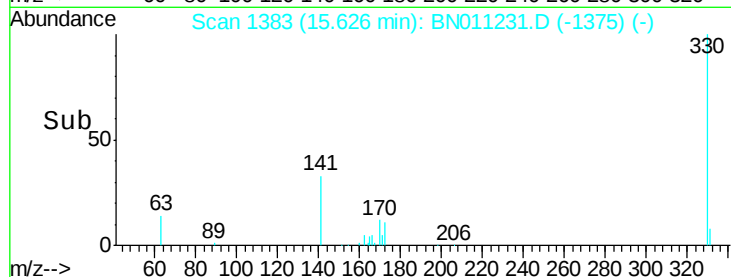
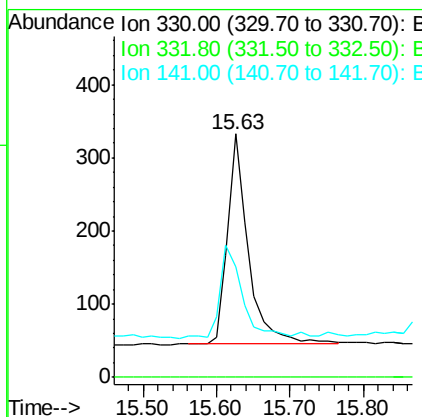
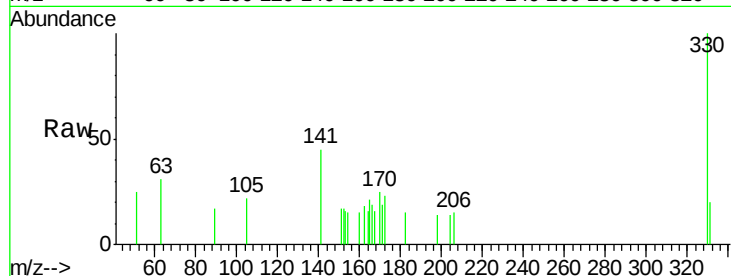




#14
 2,4,6-Tribromophenol
 Concen: 0.384 ng
 RT: 15.63 min Scan# 1383
 Delta R.T. 0.00 min
 Lab File: BN011231.D
 Acq: 22 Jul 2020 23:12

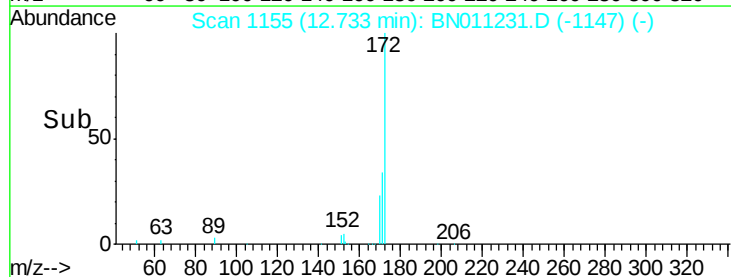
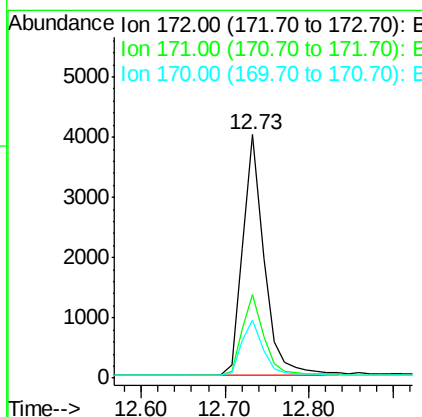
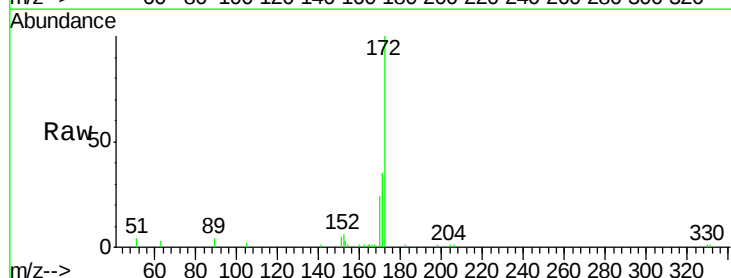
Instrument :
 BNA_N
 ClientSampleId :
 OUTFALL001-200721

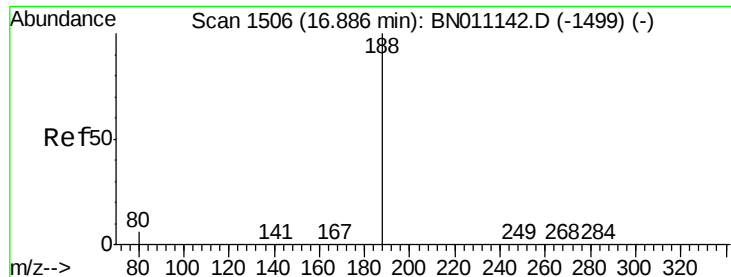
Tot Ion:330 Resp: 560
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 48.6 31.5 47.3#



#15
 2-Fluorobiphenyl
 Concen: 0.466 ng
 RT: 12.73 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: BN011231.D
 Acq: 22 Jul 2020 23:12

Tgt Ion:172 Resp: 7174
 Ion Ratio Lower Upper
 172 100
 171 34.6 29.0 43.6
 170 23.9 20.3 30.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.87 min Scan# 1484

Delta R.T. 0.00 min

Lab File: BN011231.D

Acq: 22 Jul 2020 23:12

Instrument :

BNA_N

ClientSampleId :

OUTFALL001-200721

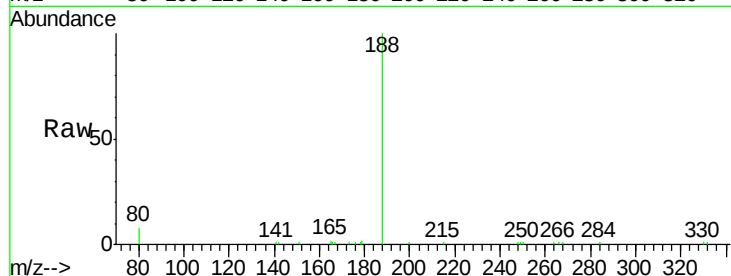
Tot Ion:188 Resp: 7782

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

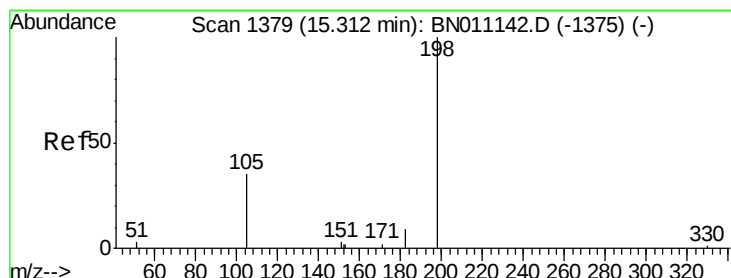
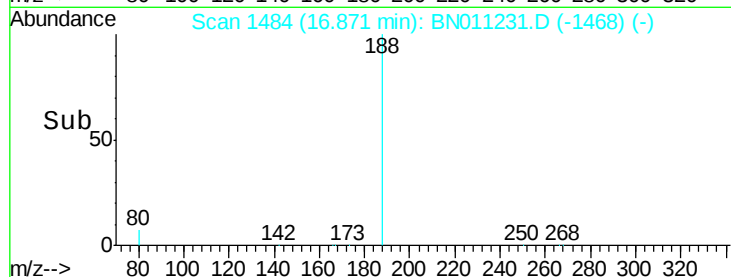
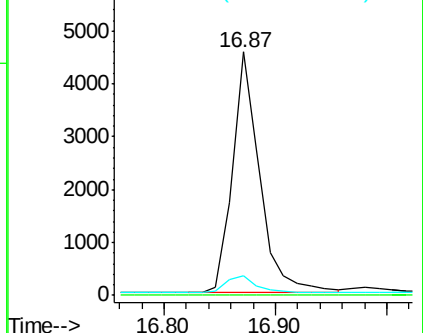
80 8.1 6.3 9.5



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



#20

4,6-Dinitro-2-methylphenol

Concen: 0.134 ng

RT: 15.28 min Scan# 1356

Delta R.T. -0.01 min

Lab File: BN011231.D

Acq: 22 Jul 2020 23:12

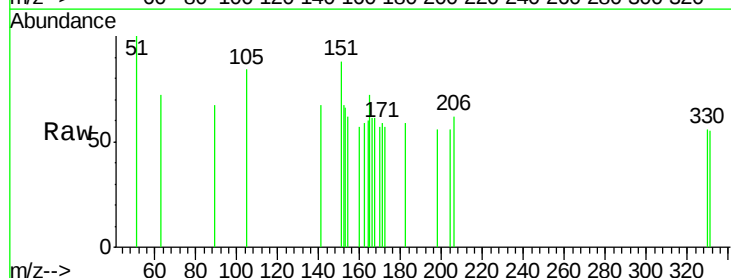
Tgt Ion:198 Resp: 2

Ion Ratio Lower Upper

198 100

51 178.3 53.1 79.7#

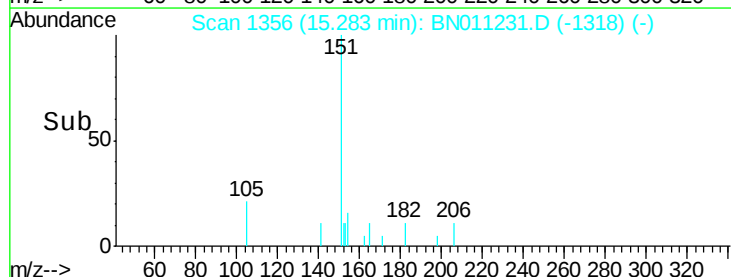
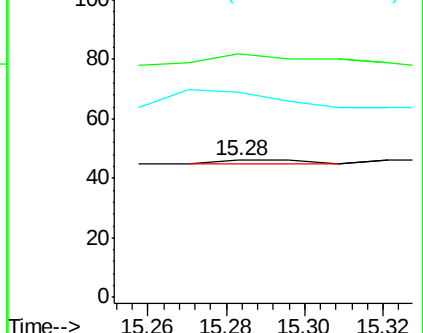
105 150.0 51.9 77.9#

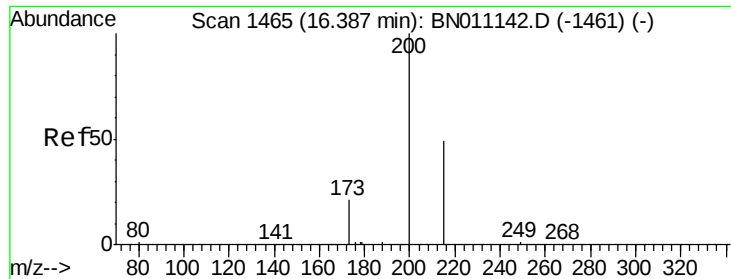


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNO

Ion 105.00 (104.70 to 105.70): E





#23

Atrazine

Concen: 0.074 ng

RT: 16.03 min Scan# 1415

Delta R.T. -0.34 min

Lab File: BN011231.D

Acq: 22 Jul 2020 23:12

Instrument :

BNA_N

ClientSampleId :

OUTFALL001-200721

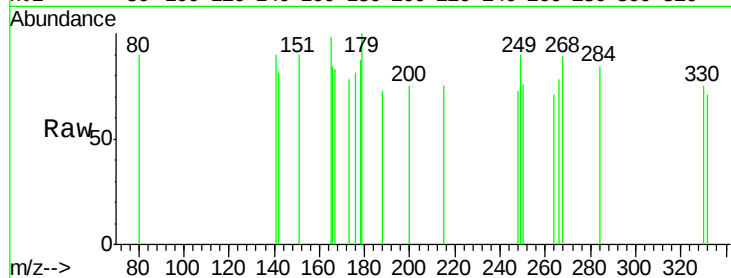
Tot Ion:200 Resp: 273

Ion Ratio Lower Upper

200 100

173 104.3 23.0 34.4#

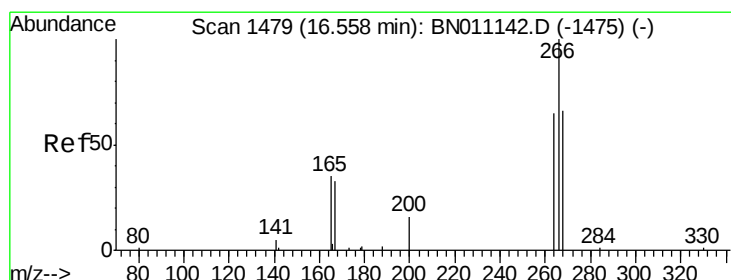
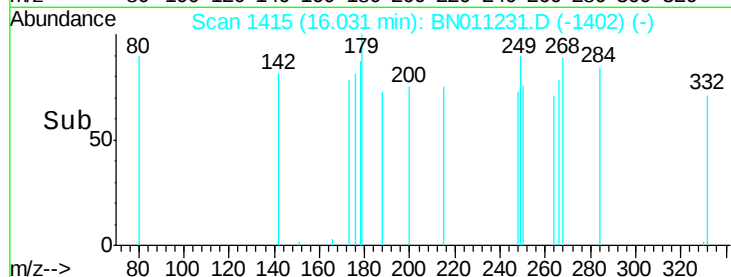
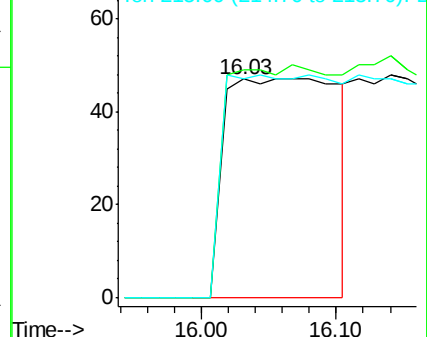
215 100.0 42.6 63.8#



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#24

Pentachlorophenol

Concen: 0.020 ng

RT: 16.55 min Scan# 1458

Delta R.T. 0.01 min

Lab File: BN011231.D

Acq: 22 Jul 2020 23:12

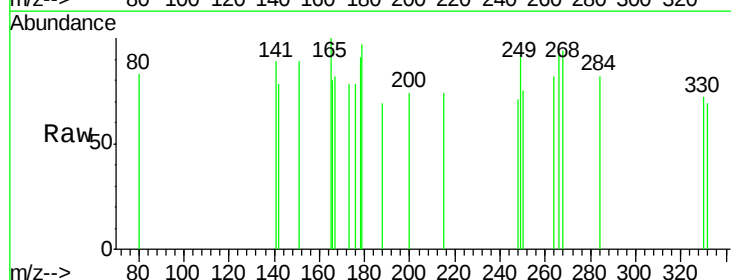
Tgt Ion:266 Resp: 37

Ion Ratio Lower Upper

266 100

264 67.6 52.5 78.7

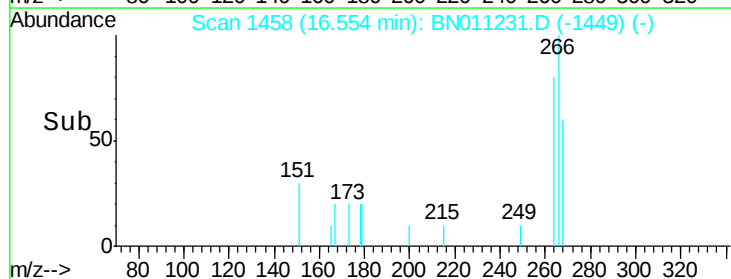
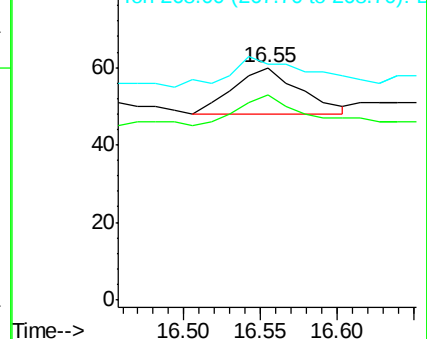
268 78.4 48.9 73.3#

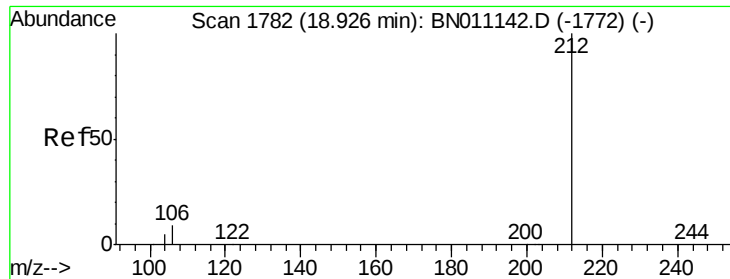


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

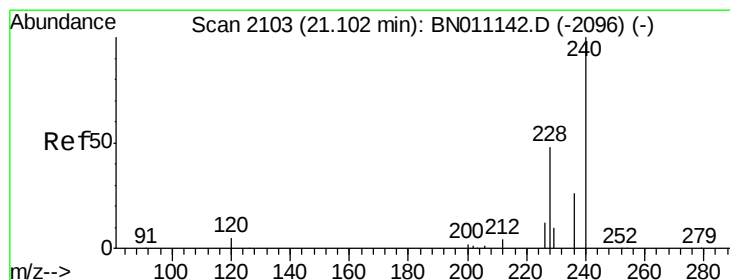
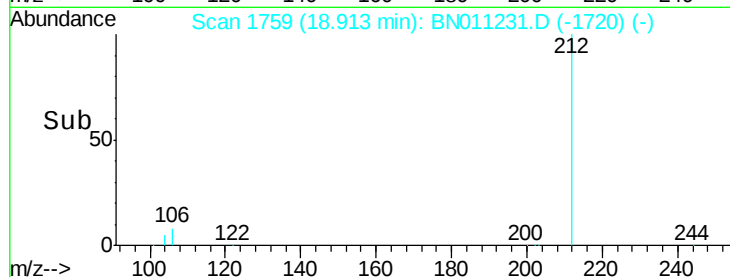
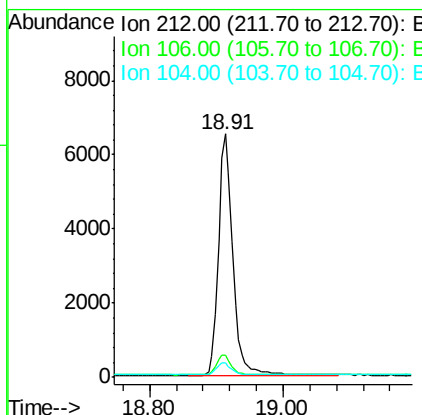
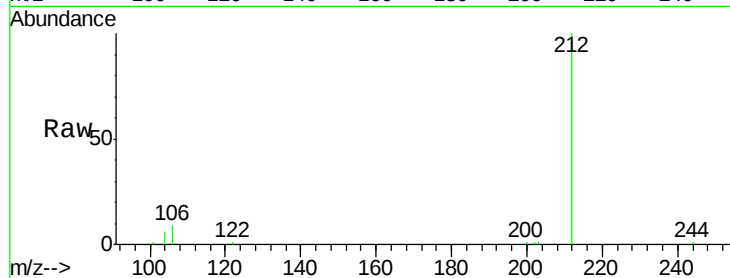




#27
 Fluoranthene-d10
 Concen: 0.401 ng
 RT: 18.91 min Scan# 1759
 Delta R.T. -0.00 min
 Lab File: BN011231.D
 Acq: 22 Jul 2020 23:12

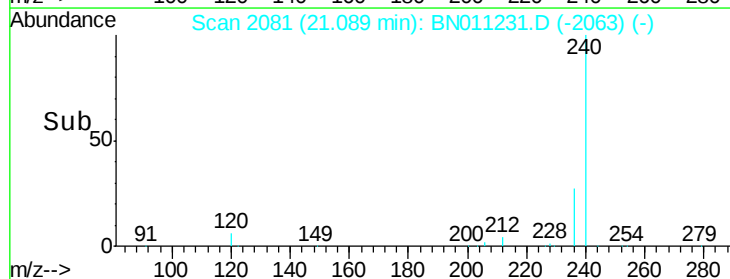
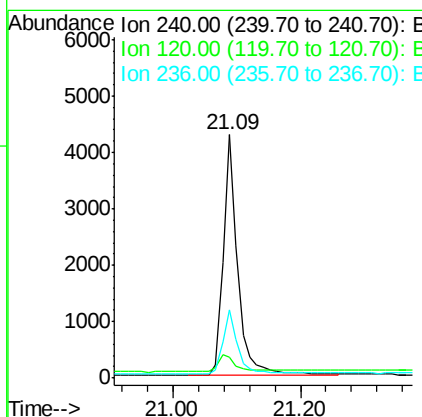
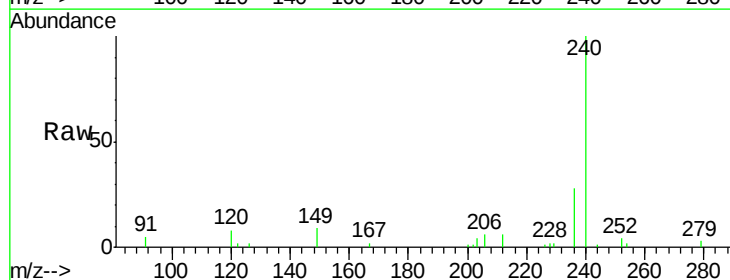
Instrument :
 BNA_N
 ClientSampleId :
 OUTFALL001-200721

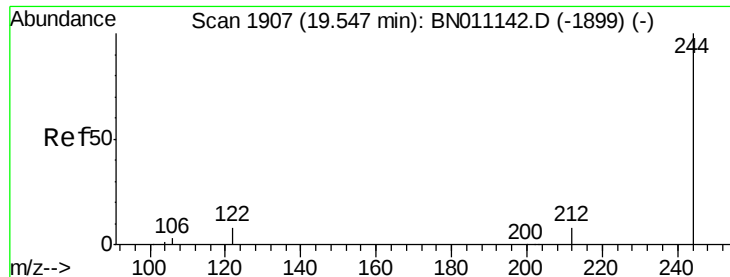
Tot Ion:212 Resp: 9826
 Ion Ratio Lower Upper
 212 100
 106 8.3 7.0 10.6
 104 4.9 4.2 6.4



#29
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.09 min Scan# 2081
 Delta R.T. -0.01 min
 Lab File: BN011231.D
 Acq: 22 Jul 2020 23:12

Tgt Ion:240 Resp: 6768
 Ion Ratio Lower Upper
 240 100
 120 8.4 6.5 9.7
 236 28.0 21.9 32.9





#31

Terphenyl-d14

Concen: 0.663 ng

RT: 19.53 min Scan# 1883

Delta R.T. -0.01 min

Lab File: BN011231.D

Acq: 22 Jul 2020 23:12

Instrument :

BNA_N

ClientSampleId :

OUTFALL001-200721

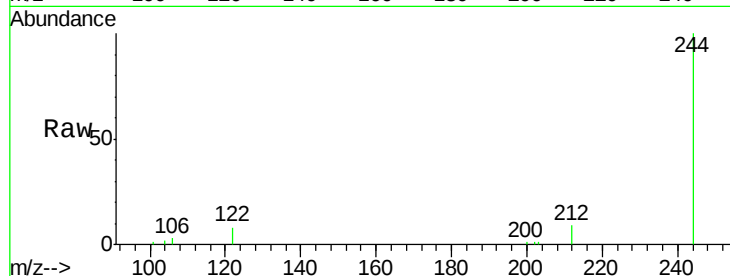
Tot Ion:244 Resp: 11684

Ion Ratio Lower Upper

244 100

212 8.9 7.8 11.6

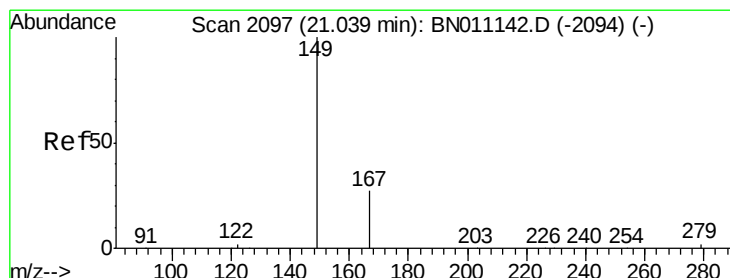
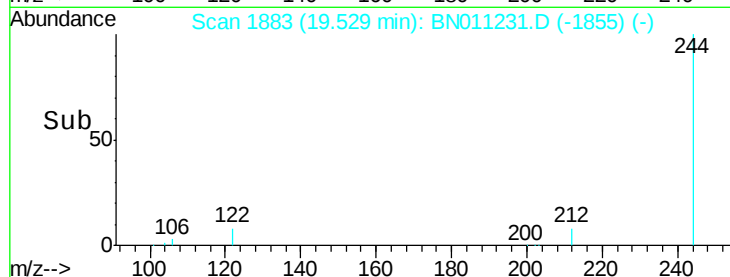
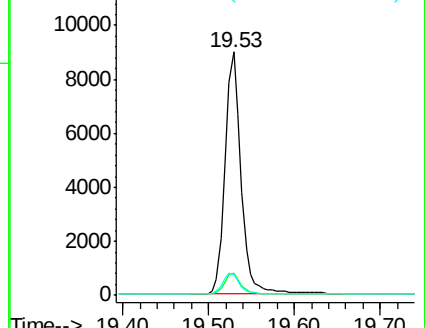
122 8.5 7.4 11.0



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: 0.131 ng

RT: 21.02 min Scan# 2075

Delta R.T. -0.01 min

Lab File: BN011231.D

Acq: 22 Jul 2020 23:12

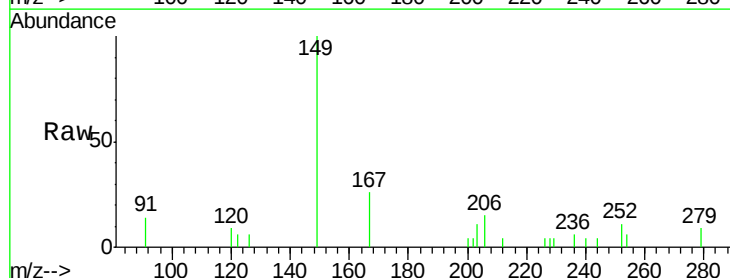
Tgt Ion:149 Resp: 1187

Ion Ratio Lower Upper

149 100

167 28.5 23.4 35.0

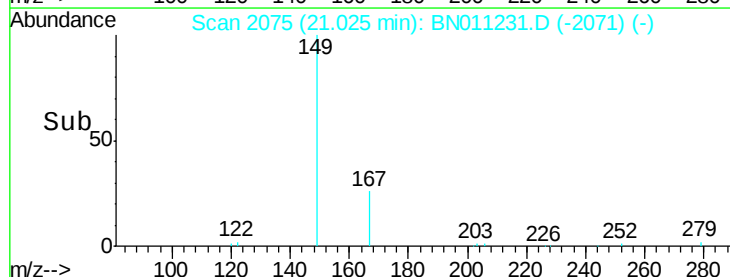
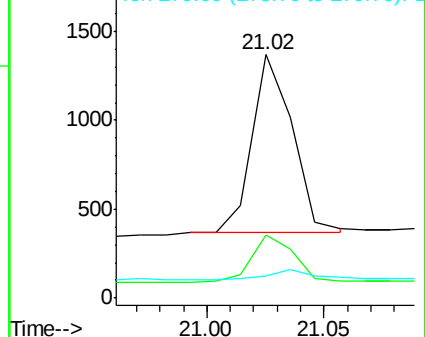
279 6.8 4.5 6.7#

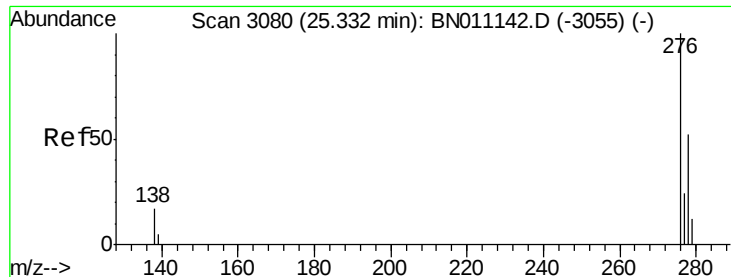


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#35

Indeno(1,2,3-cd)pyrene

Concen: Below Cal

RT: 25.34 min Scan# 3063

Delta R.T. 0.02 min

Lab File: BN011231.D

Acq: 22 Jul 2020 23:12

Instrument :

BNA_N

ClientSampleId :

OUTFALL001-200721

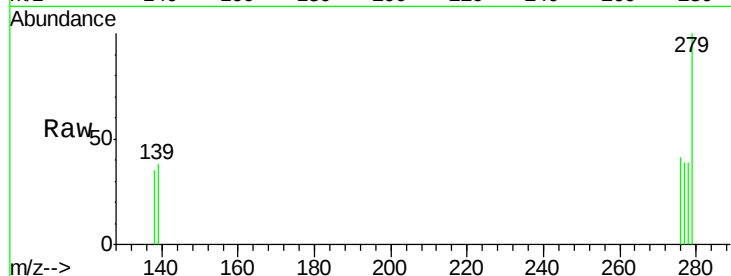
Tot Ion:276 Resp: 58

Ion Ratio Lower Upper

276 100

138 15.5 13.0 19.6

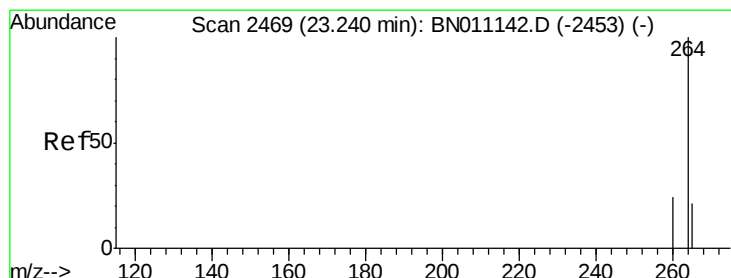
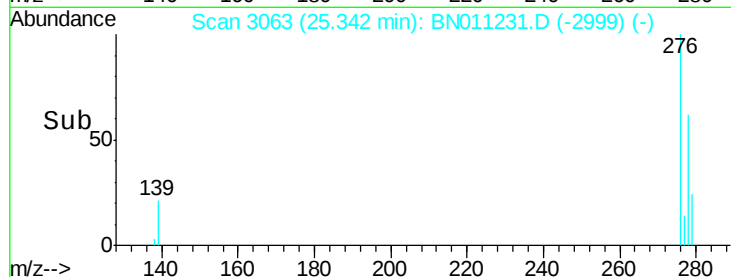
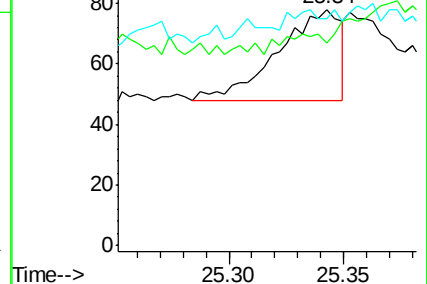
277 1.7 19.7 29.5#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#36

Perylene-d12

Concen: 0.400 ng

RT: 23.22 min Scan# 2443

Delta R.T. -0.01 min

Lab File: BN011231.D

Acq: 22 Jul 2020 23:12

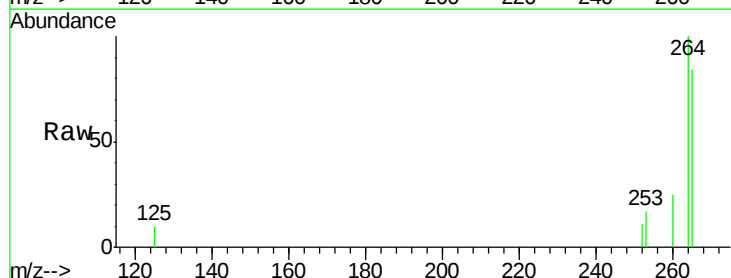
Tgt Ion:264 Resp: 5853

Ion Ratio Lower Upper

264 100

260 25.4 20.1 30.1

265 83.7 76.6 115.0



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

