

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN090920\
 Data File : BN011769.D
 Acq On : 09 Sep 2020 15:56
 Operator : CG/JU
 Sample : L3890-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 OUTFALL001-200901

Quant Time: Sep 09 16:28:02 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

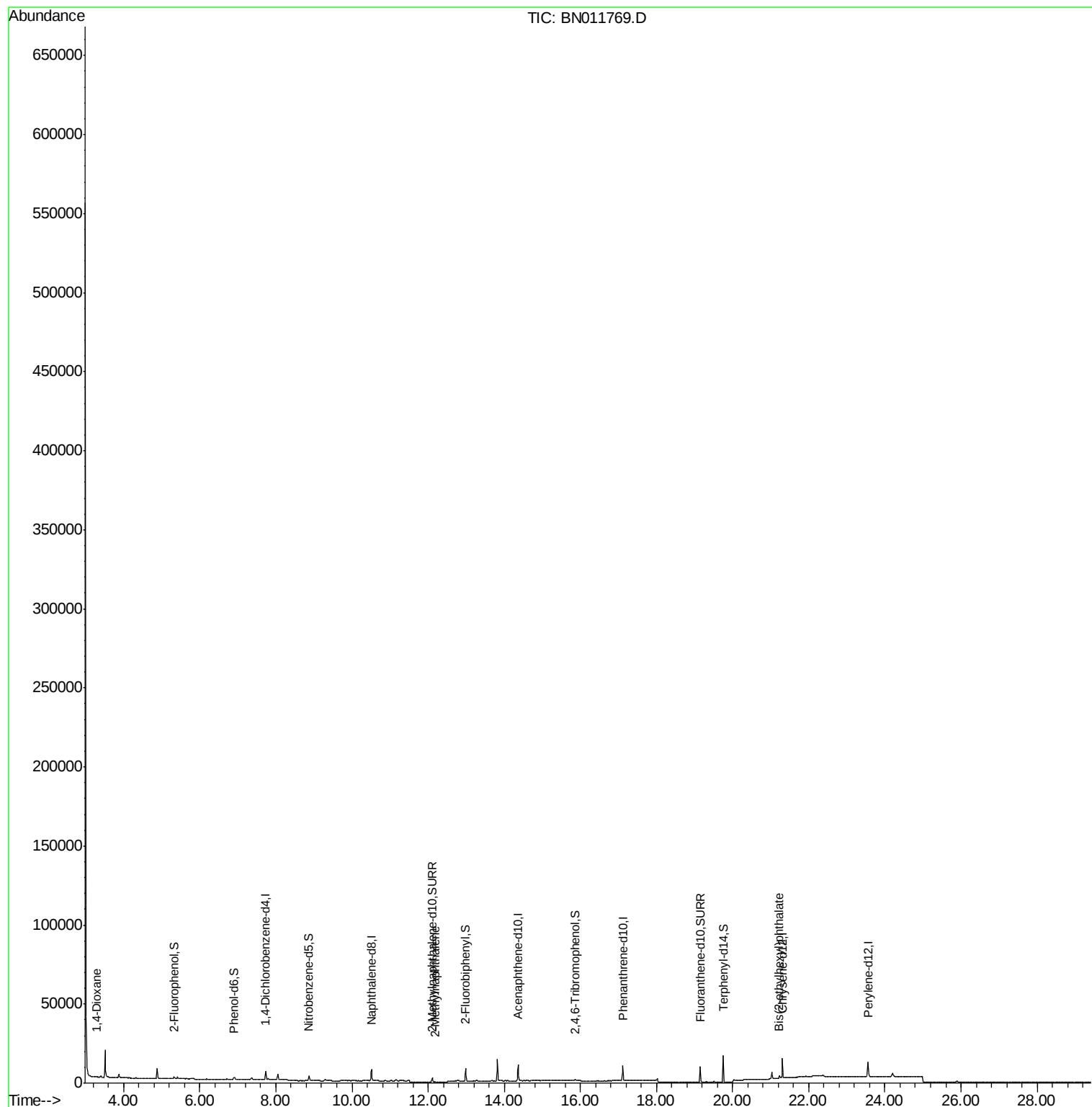
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	2483	0.40	ng	0.00
7) Naphthalene-d8	10.52	136	9567	0.40	ng	0.00
13) Acenaphthene-d10	14.37	164	5616	0.40	ng	0.00
19) Phenanthrene-d10	17.11	188	12703	0.40	ng	0.00
29) Chrysene-d12	21.31	240	12848	0.40	ng	0.00
36) Perylene-d12	23.56	264	12419	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.33	112	918	0.13	ng	0.00
5) Phenol-d6	6.89	99	722	0.08	ng	0.00
8) Nitrobenzene-d5	8.87	82	2621	0.28	ng	0.00
11) 2-Methylnaphthalene-d10	12.11	152	4276	0.25	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	732	0.27	ng	-0.01
15) 2-Fluorobiphenyl	12.99	172	6382	0.27	ng	0.00
27) Fluoranthene-d10	19.15	212	11341	0.28	ng	0.00
31) Terphenyl-d14	19.75	244	16024	0.50	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.29	88	121	0.030	ng	# 14
12) 2-Methylnaphthalene	12.18	142	406	0.021	ng	# 91
34) Bis(2-ethylhexyl)phthalate	21.23	149	1458	0.078	ng	97

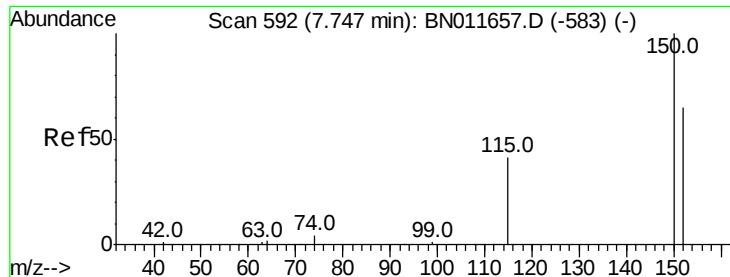
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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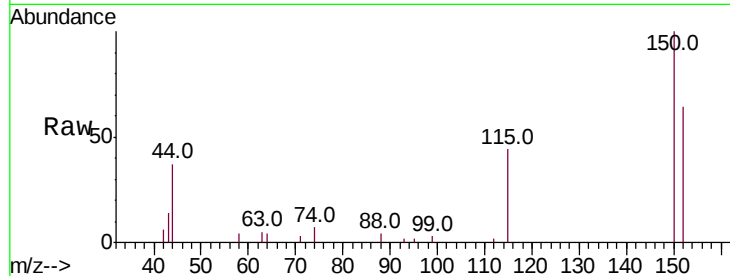


#1

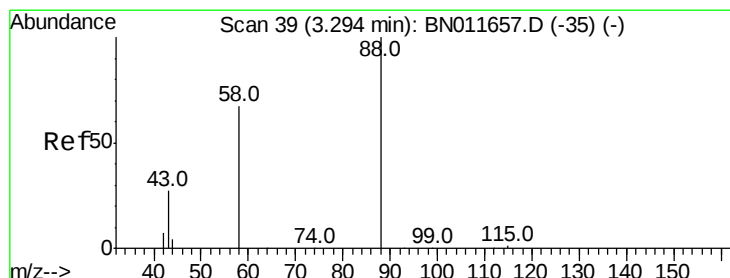
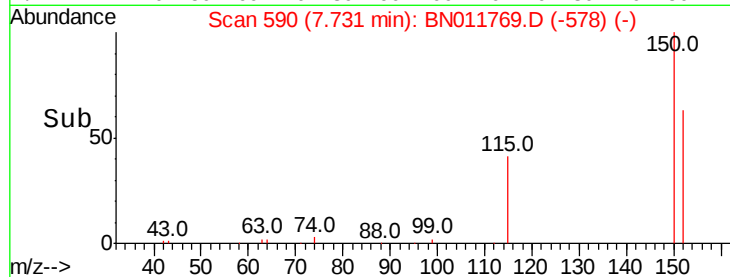
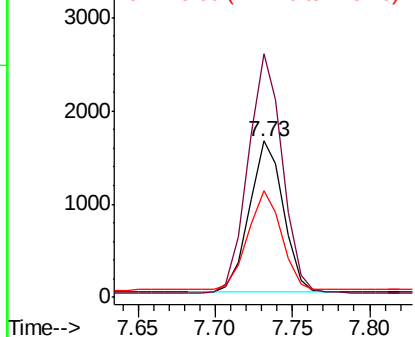
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.73 min Scan# 590
Delta R.T. 0.00 min
Lab File: BN011769.D
Acq: 09 Sep 2020 15:56

Instrument :
BNA_N
ClientSampleId :
OUTFALL001-200901

Tot Ion:152 Resp: 2483
Ion Ratio Lower Upper
152 100
150 156.0 121.0 181.6
115 68.1 52.6 78.8



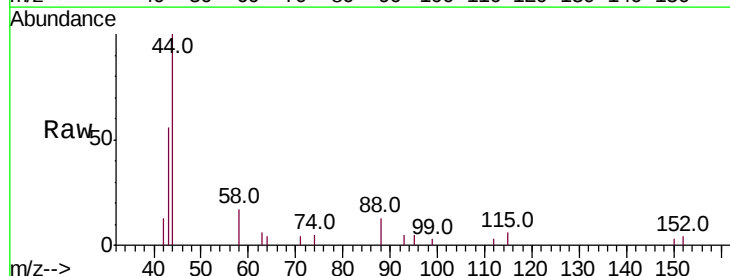
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



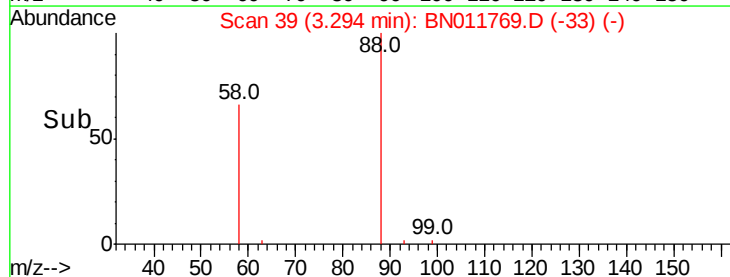
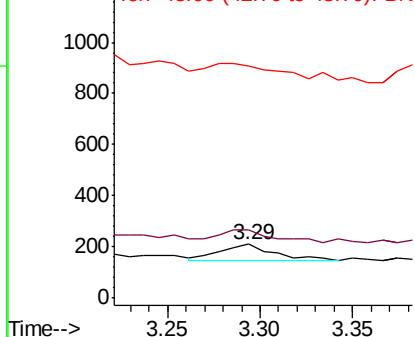
#2

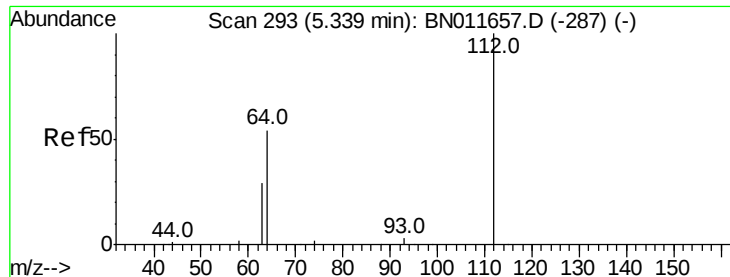
1,4-Dioxane
Concen: 0.030 ng
RT: 3.29 min Scan# 39
Delta R.T. 0.00 min
Lab File: BN011769.D
Acq: 09 Sep 2020 15:56

Tgt Ion: 88 Resp: 121
Ion Ratio Lower Upper
88 100
58 86.0 61.4 92.0
43 181.0 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: 0.131 ng

RT: 5.33 min Scan# 292

Delta R.T. 0.00 min

Lab File: BN011769.D

Acq: 09 Sep 2020 15:56

Instrument :

BNA_N

ClientSampleId :

OUTFALL001-200901

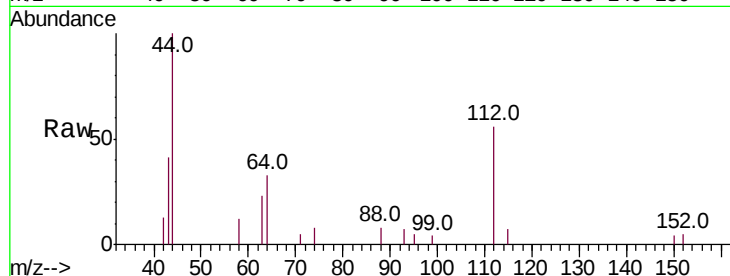
Tot Ion:112 Resp: 918

Ion Ratio Lower Upper

112 100

64 62.5 49.7 74.5

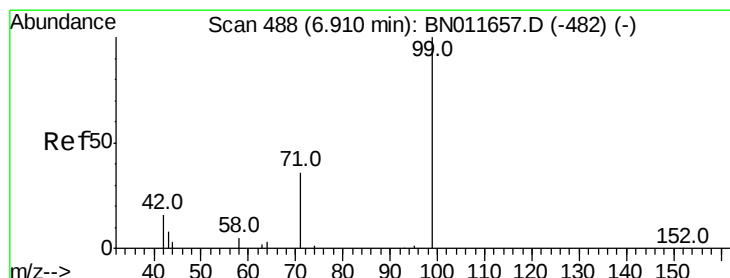
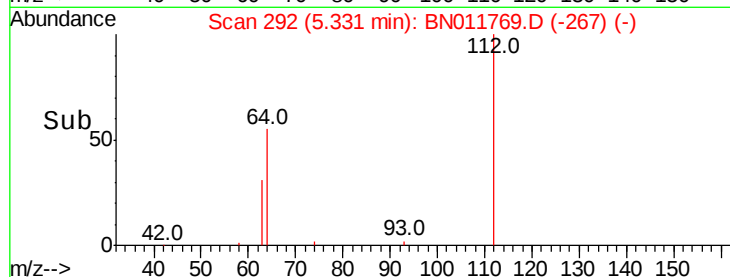
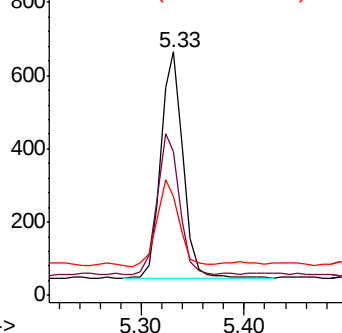
63 38.6 29.4 44.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BN0

Ion 63.00 (62.70 to 63.70): BN0



#5

Phenol-d6

Concen: 0.076 ng

RT: 6.89 min Scan# 486

Delta R.T. 0.00 min

Lab File: BN011769.D

Acq: 09 Sep 2020 15:56

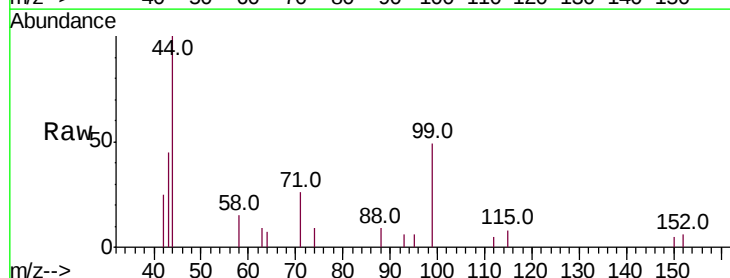
Tgt Ion: 99 Resp: 722

Ion Ratio Lower Upper

99 100

42 38.8 20.2 30.2#

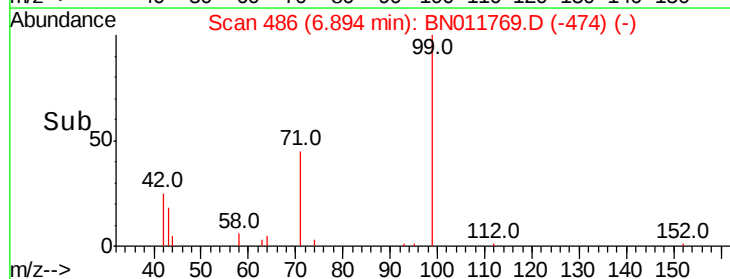
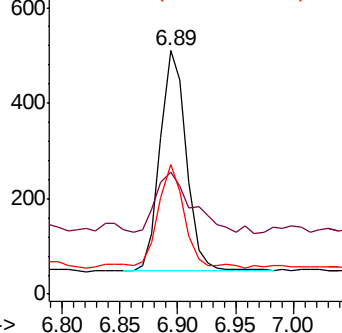
71 46.3 33.3 49.9

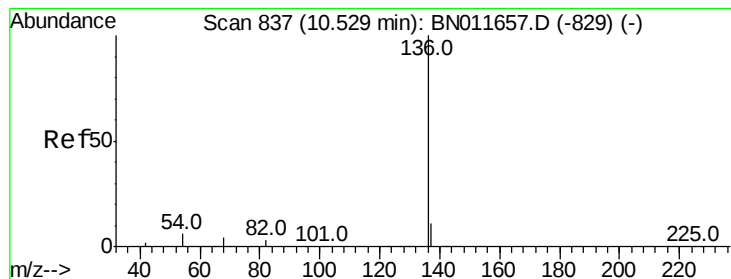


Abundance Ion 99.00 (98.70 to 99.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 71.00 (70.70 to 71.70): BN0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.52 min Scan# 836

Delta R.T. 0.00 min

Lab File: BN011769.D

Acq: 09 Sep 2020 15:56

Instrument :

BNA_N

ClientSampleId :

OUTFALL001-200901

Tot Ion:136 Resp: 9567

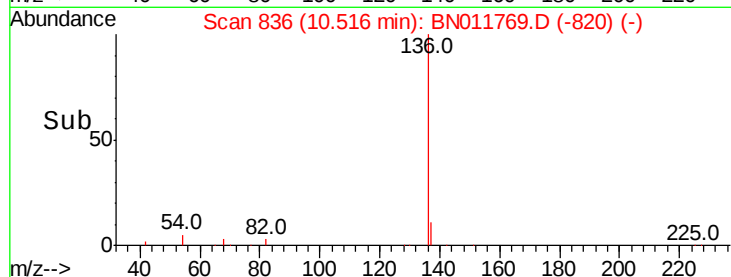
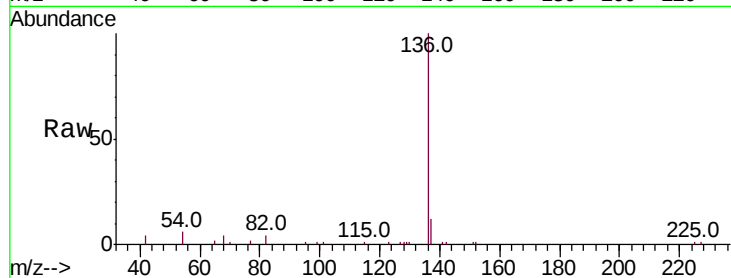
Ion Ratio Lower Upper

136 100

137 12.2 9.3 13.9

54 5.9 5.8 8.8

68 4.1 4.1 6.1

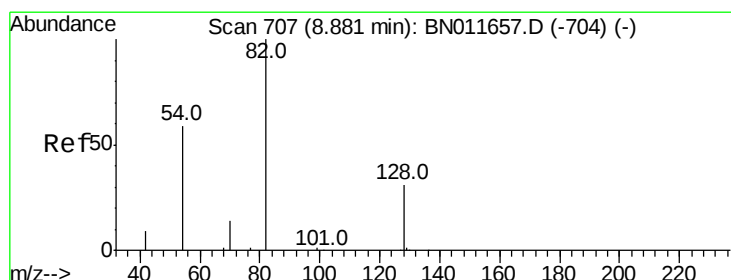
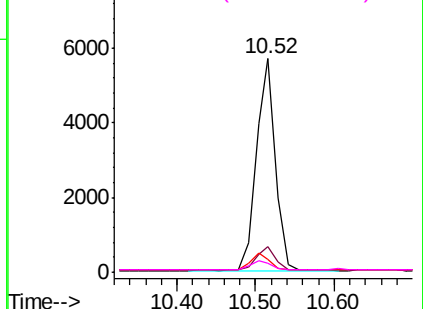


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.283 ng

RT: 8.87 min Scan# 706

Delta R.T. 0.00 min

Lab File: BN011769.D

Acq: 09 Sep 2020 15:56

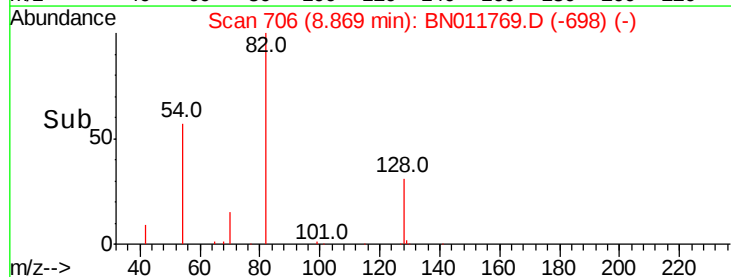
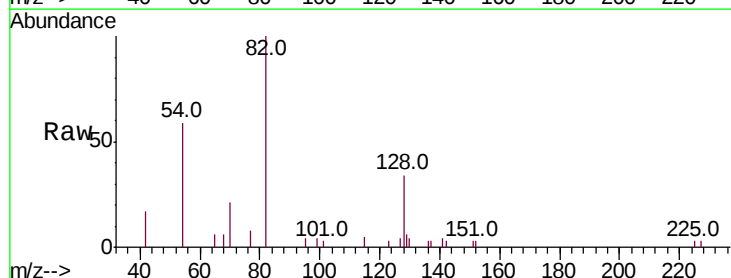
Tgt Ion: 82 Resp: 2621

Ion Ratio Lower Upper

82 100

128 33.8 26.2 39.2

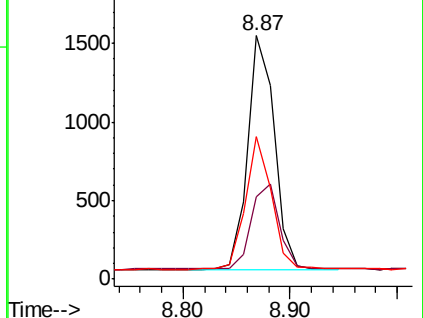
54 58.8 48.2 72.4

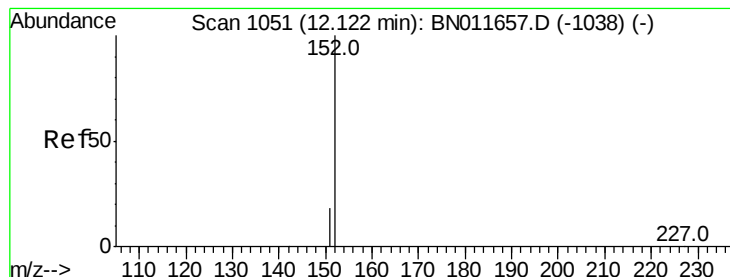


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#11

2-Methylnaphthalene-d10

Concen: 0.248 ng

RT: 12.11 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BN011769.D

Acq: 09 Sep 2020 15:56

Instrument :

BNA_N

ClientSampleId :

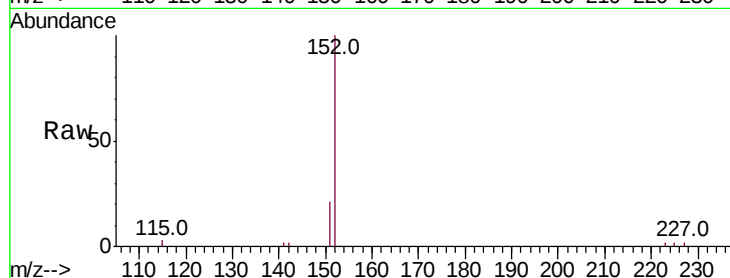
OUTFALL001-200901

Tot Ion:152 Resp: 4276

Ion Ratio Lower Upper

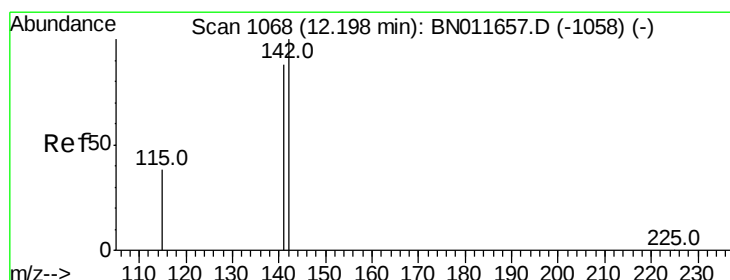
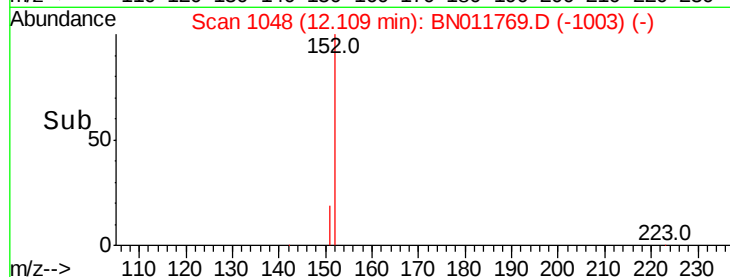
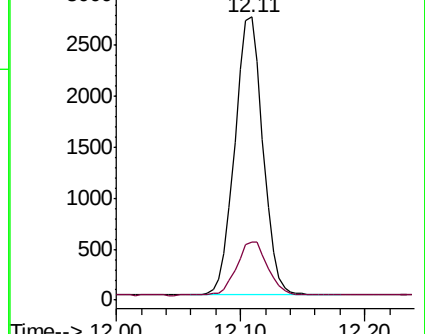
152 100

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



#12

2-Methylnaphthalene

Concen: 0.021 ng

RT: 12.18 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BN011769.D

Acq: 09 Sep 2020 15:56

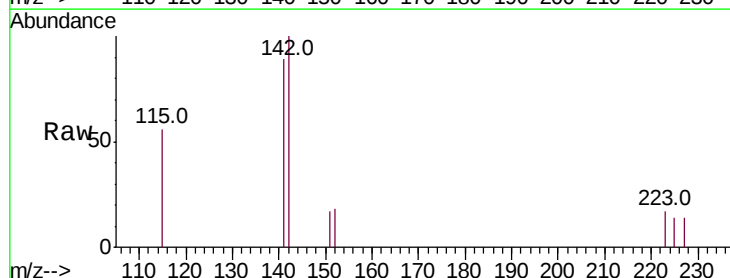
Tgt Ion:142 Resp: 406

Ion Ratio Lower Upper

142 100

141 88.9 70.6 106.0

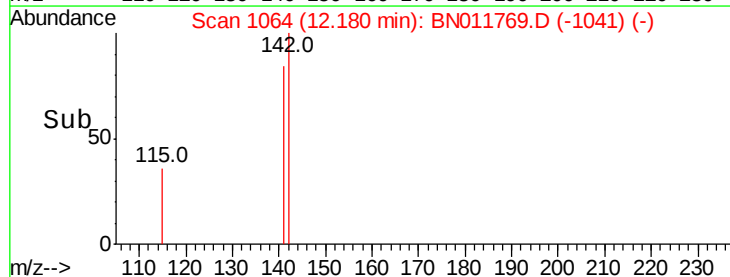
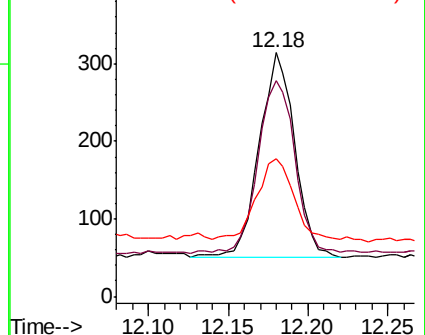
115 56.4 31.3 46.9#

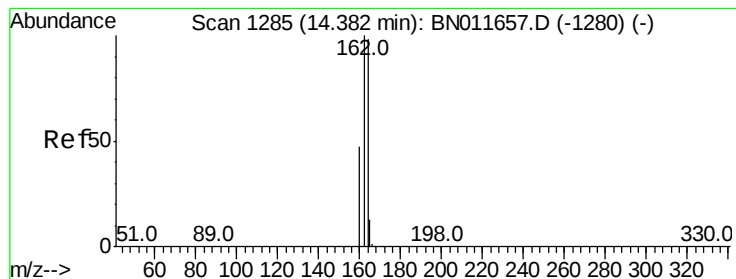


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.37 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BN011769.D

Acq: 09 Sep 2020 15:56

Instrument :

BNA_N

ClientSampleId :

OUTFALL001-200901

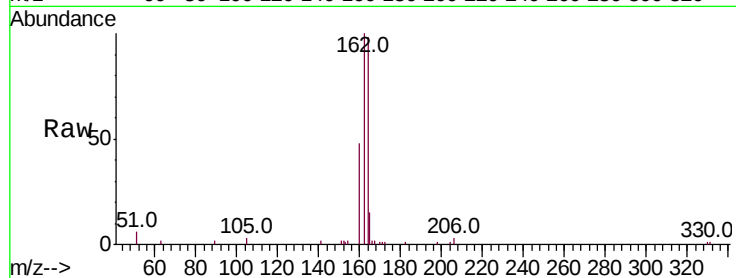
Tot Ion:164 Resp: 5616

Ion Ratio Lower Upper

164 100

162 102.2 81.4 122.0

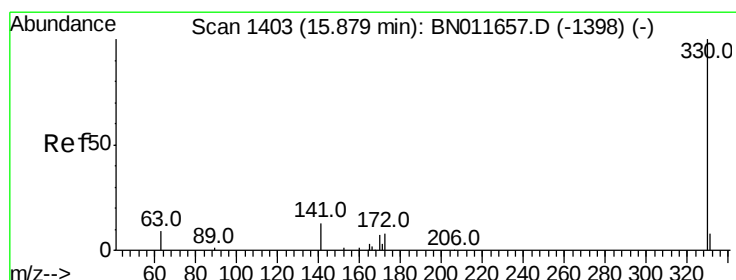
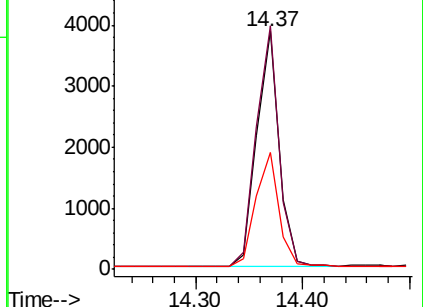
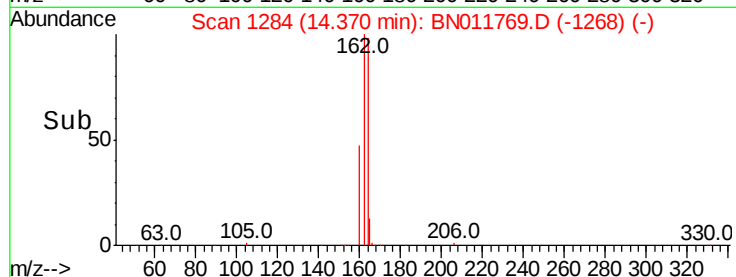
160 48.9 38.5 57.7



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: 0.268 ng

RT: 15.85 min Scan# 1401

Delta R.T. -0.01 min

Lab File: BN011769.D

Acq: 09 Sep 2020 15:56

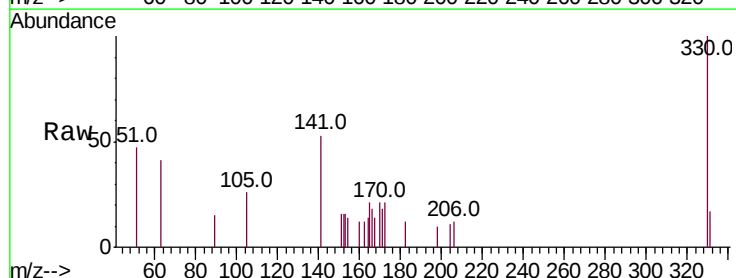
Tgt Ion:330 Resp: 732

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

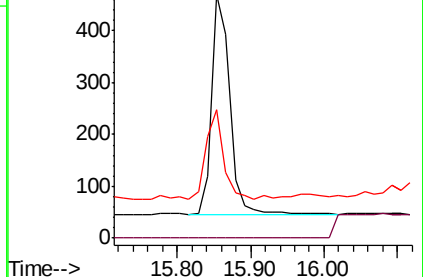
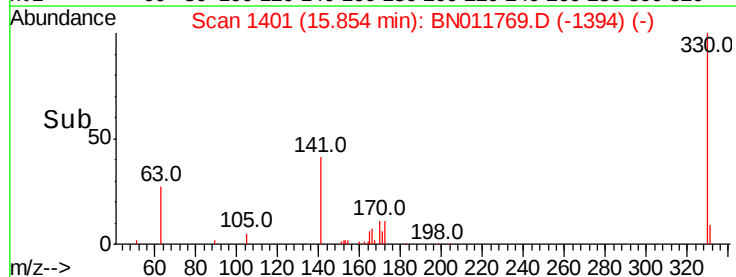
141 40.4 29.8 44.8

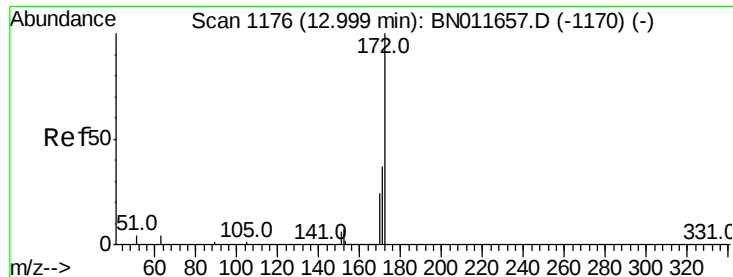


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

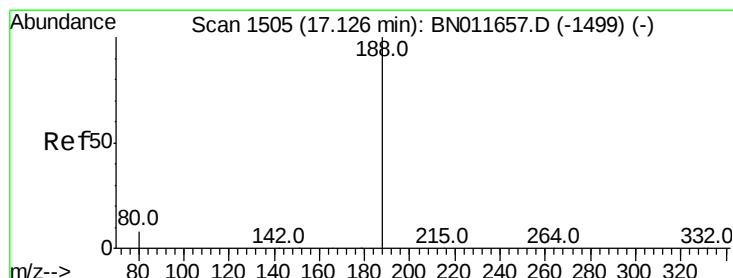
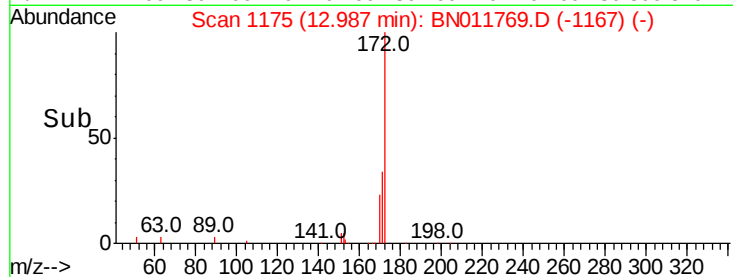
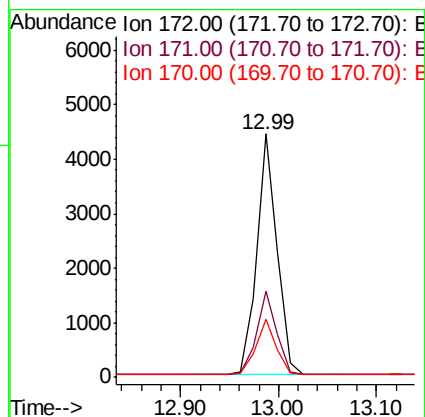
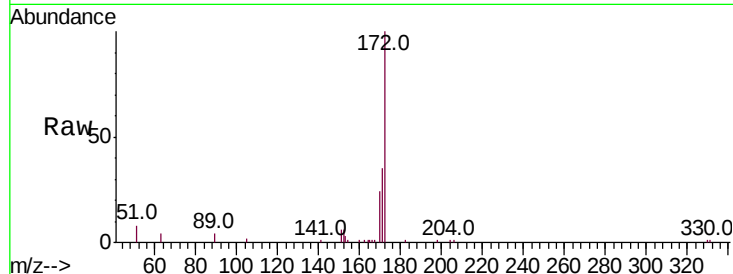




#15
2-Fluorobiphenyl
Concen: 0.269 ng
RT: 12.99 min Scan# 1175
Delta R.T. 0.00 min
Lab File: BN011769.D
Acq: 09 Sep 2020 15:56

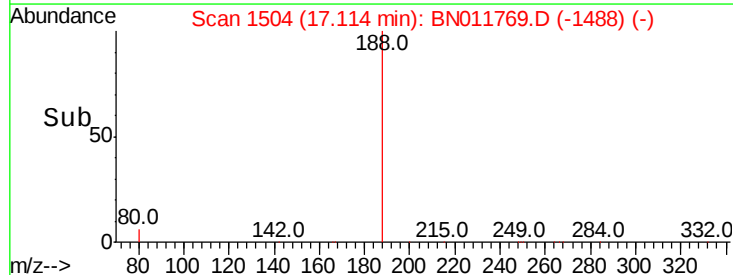
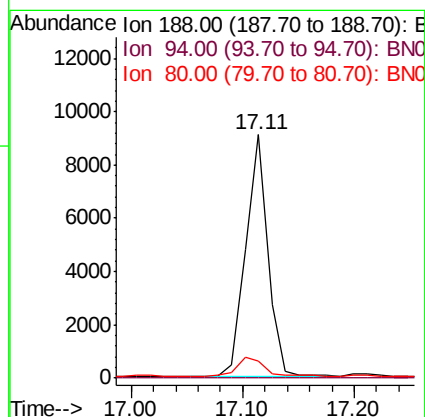
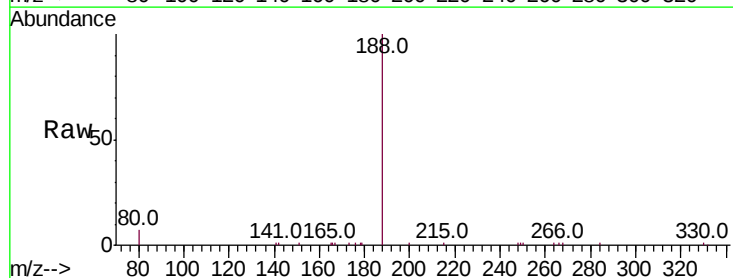
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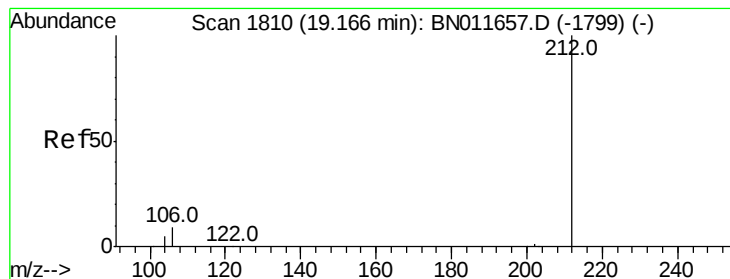
Tot Ion:172 Resp: 6382
Ion Ratio Lower Upper
172 100
171 35.2 30.0 45.0
170 23.7 20.1 30.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.11 min Scan# 1504
Delta R.T. 0.00 min
Lab File: BN011769.D
Acq: 09 Sep 2020 15:56

Tgt Ion:188 Resp: 12703
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.8 6.6 9.8





#27

Fluoranthene-d10

Concen: 0.278 ng

RT: 19.15 min Scan# 1806

Delta R.T. -0.00 min

Lab File: BN011769.D

Acq: 09 Sep 2020 15:56

Instrument :

BNA_N

ClientSampleId :

OUTFALL001-200901

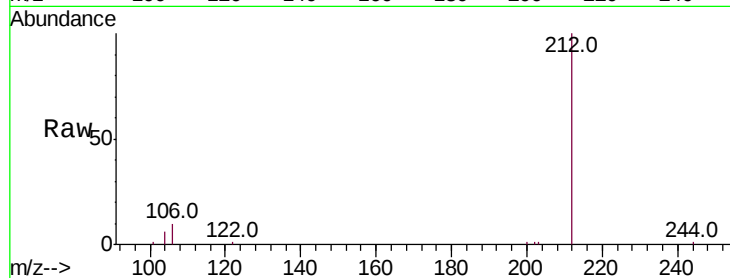
Tot Ion:212 Resp: 11341

Ion Ratio Lower Upper

212 100

106 9.5 7.6 11.4

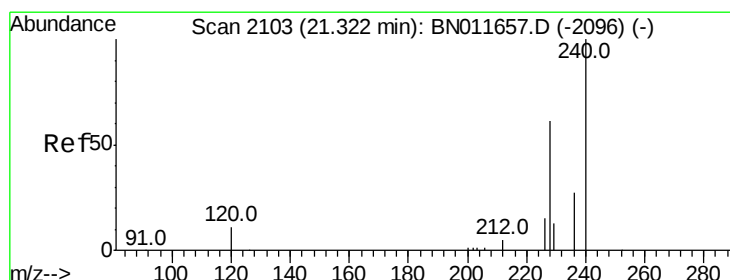
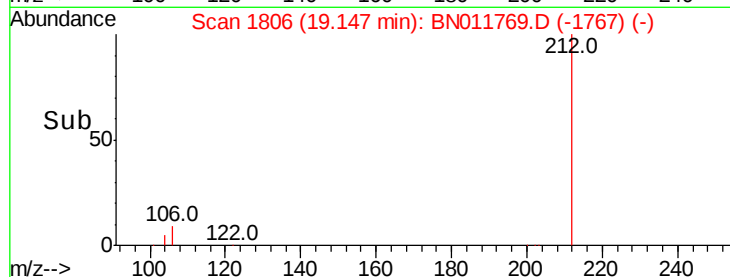
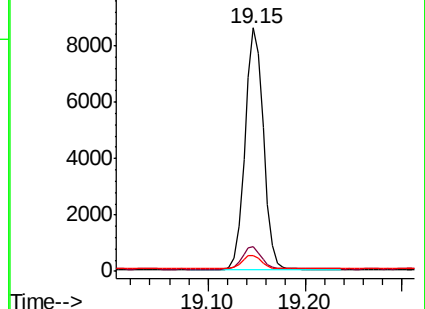
104 5.8 4.6 6.8



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: 21.31 min Scan# 2102

Delta R.T. 0.00 min

Lab File: BN011769.D

Acq: 09 Sep 2020 15:56

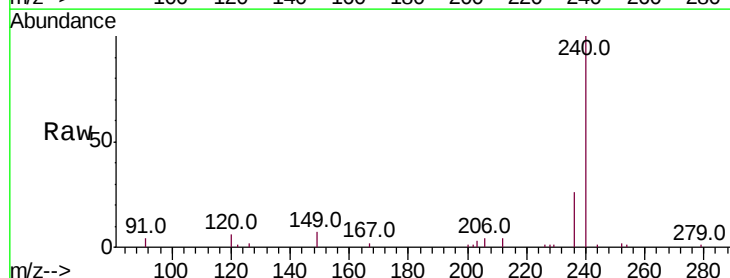
Tgt Ion:240 Resp: 12848

Ion Ratio Lower Upper

240 100

120 5.9 9.9 14.9#

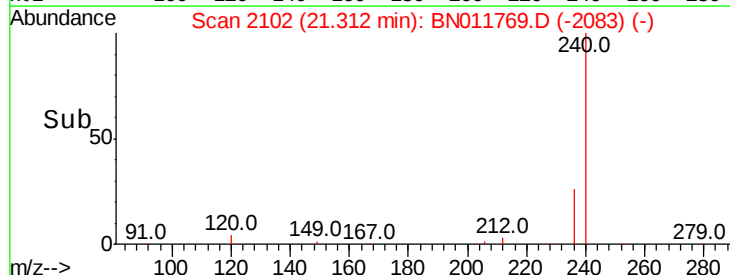
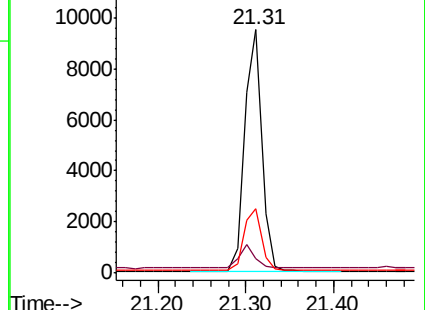
236 26.4 22.2 33.4

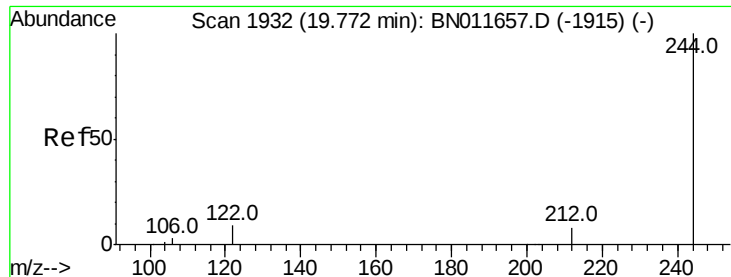


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#31

Terphenyl-d14

Concen: 0.503 ng

RT: 19.75 min Scan# 1928

Delta R.T. 0.00 min

Lab File: BN011769.D

Acq: 09 Sep 2020 15:56

Instrument :

BNA_N

ClientSampleId :

OUTFALL001-200901

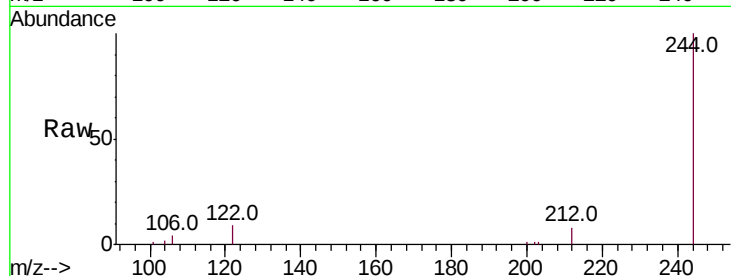
Tot Ion:244 Resp: 16024

Ion Ratio Lower Upper

244 100

212 8.5 6.5 9.7

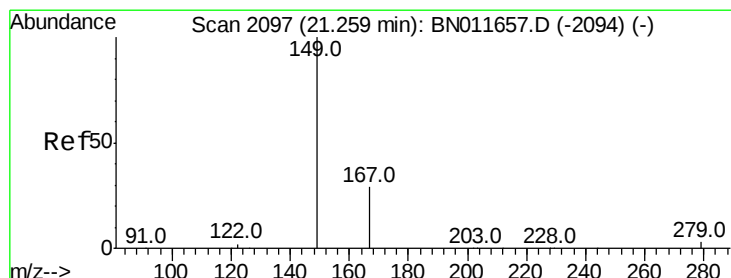
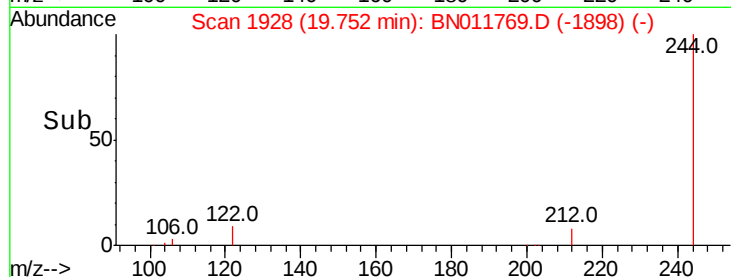
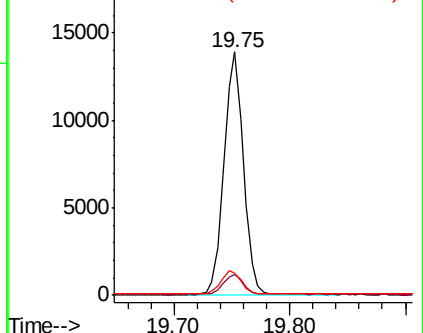
122 9.0 7.4 11.2



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: 0.078 ng

RT: 21.23 min Scan# 2094

Delta R.T. -0.01 min

Lab File: BN011769.D

Acq: 09 Sep 2020 15:56

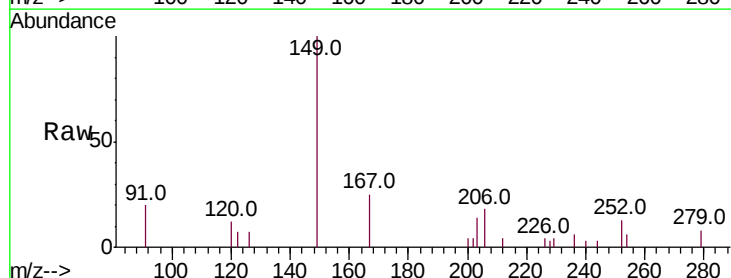
Tgt Ion:149 Resp: 1458

Ion Ratio Lower Upper

149 100

167 27.3 23.2 34.8

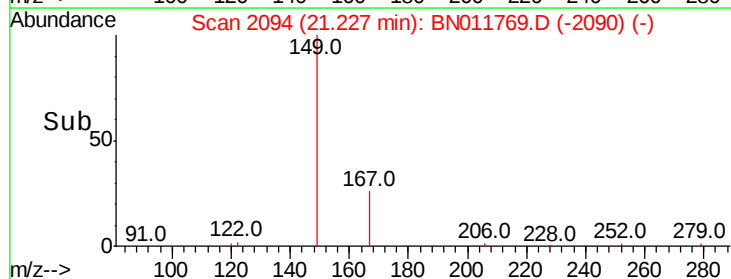
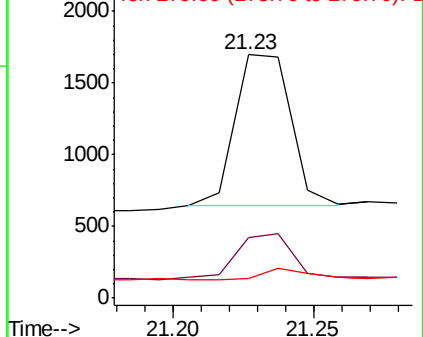
279 5.8 4.0 6.0

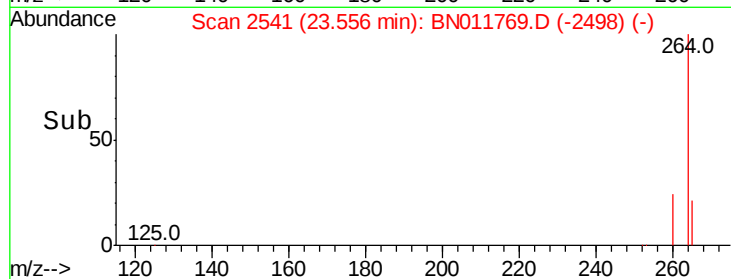
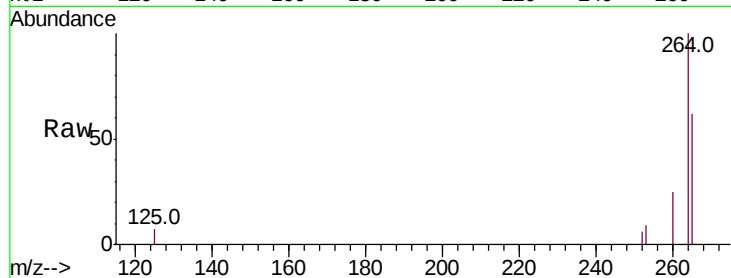
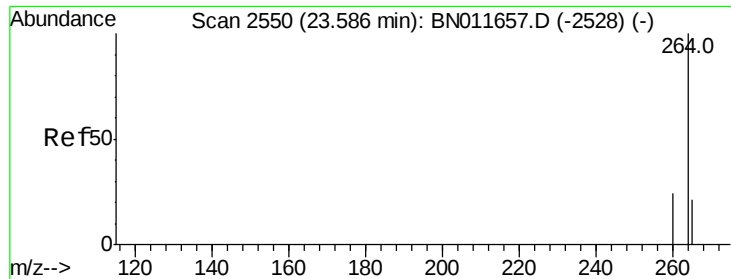


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.56 min Scan# 2541
 Delta R.T. -0.00 min
 Lab File: BN011769.D
 Acq: 09 Sep 2020 15:56

Instrument :
 BNA_N
 ClientSampleId :
 OUTFALL001-200901

Tot Ion: 264 Resp: 12419
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.8 29.6
 265 61.5 38.9 58.3#

