

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 16:28:52 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

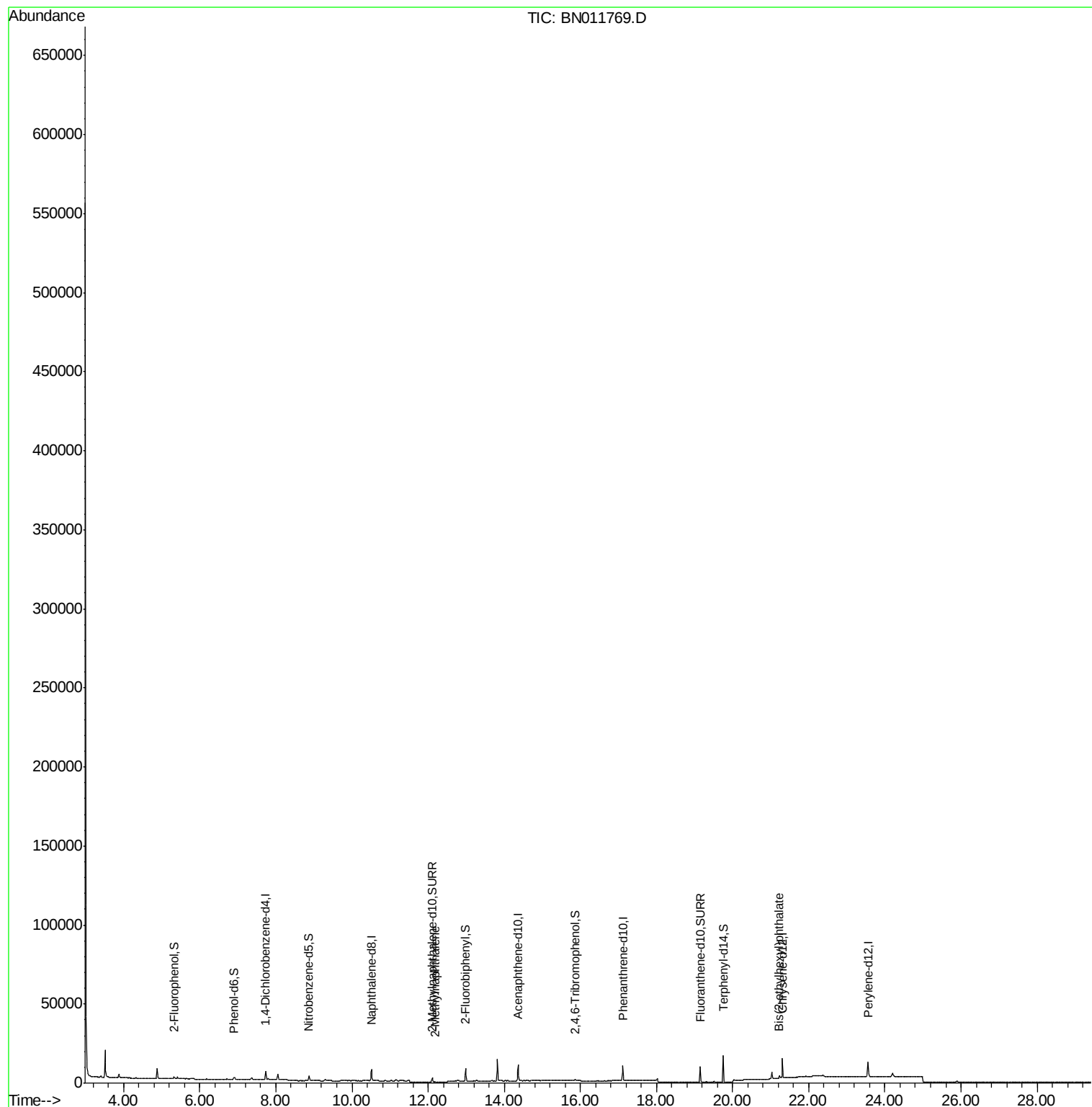
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	2483	0.40	ng	0.00
7) Naphthalene-d8	10.52	136	9567	0.40	ng	0.00
13) Acenaphthene-d10	14.37	164	5616	0.40	ng	0.00
19) Phenanthrene-d10	17.11	188	12703	0.40	ng	0.00
29) Chrysene-d12	21.31	240	12848	0.40	ng	0.00
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						
12) 2-Methylnaphthalene	12.18	142	406	0.021	ng	Qvalue # 91
34) Bis(2-ethylhexyl)phthalate	21.23	149	1458	0.078	ng	97

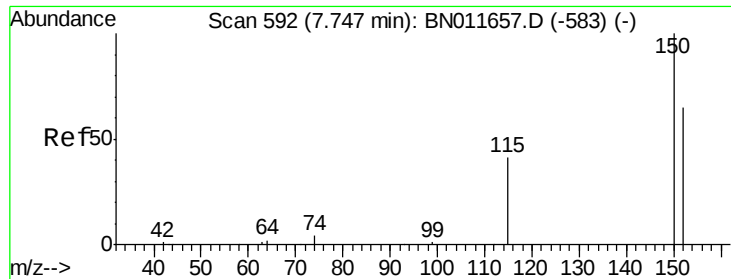
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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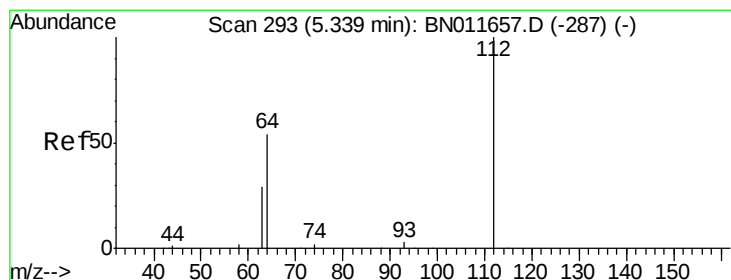
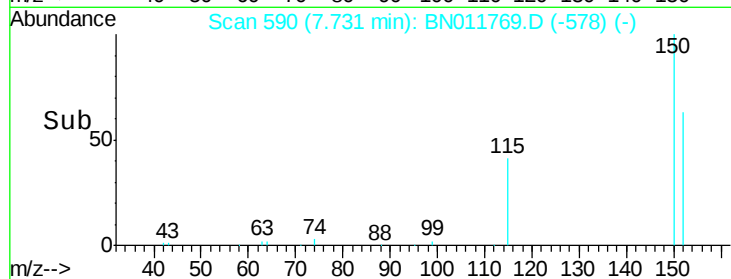
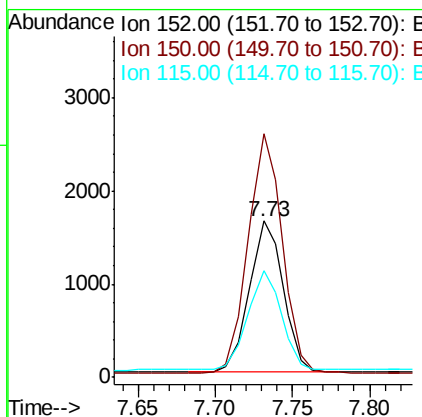
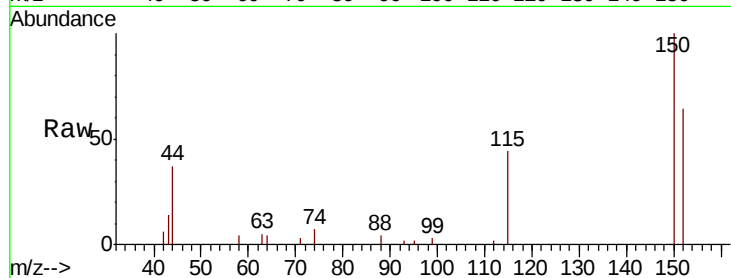




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.73 min Scan# 590
 Delta R.T. 0.00 min
 Lab File: BN011769.D
 Acq: 09 Sep 2020 15:56

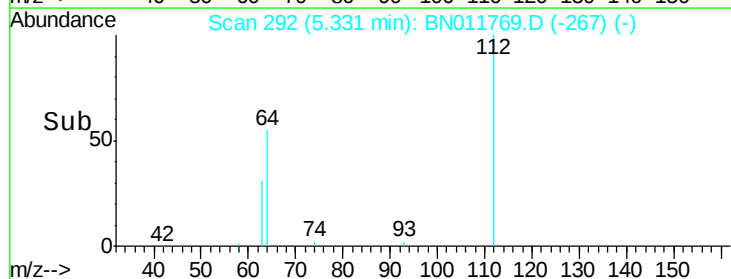
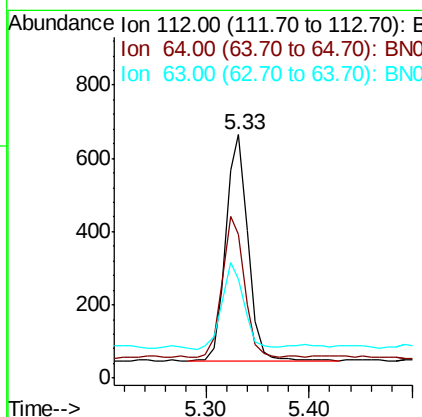
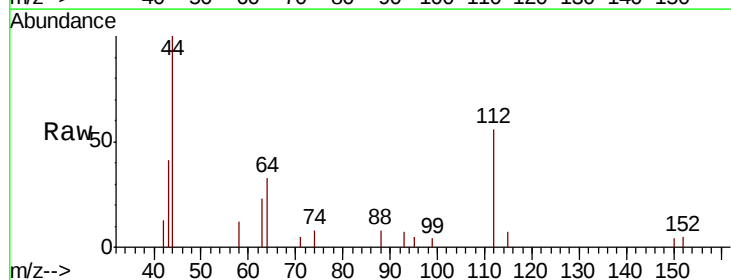
Instrument :
 BNA_N
 ClientSampleId :
 OUTFALL001-200901

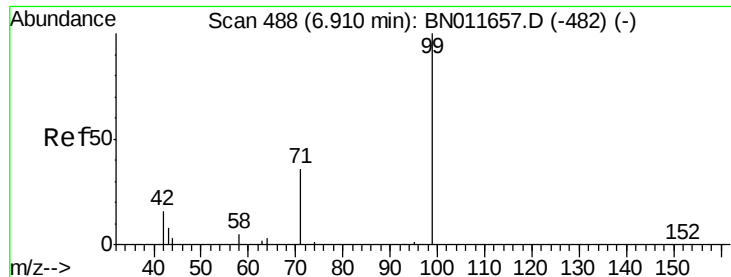
Tot Ion:152 Resp: 2483
 Ion Ratio Lower Upper
 152 100
 150 156.0 121.0 181.6
 115 68.1 52.6 78.8



#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

Tgt Ion:112 Resp: 918
 Ion Ratio Lower Upper
 112 100
 64 62.5 49.7 74.5
 63 38.6 29.4 44.0





#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

Instrument :

BNA_N

ClientSampleId :

OUTFALL001-200901

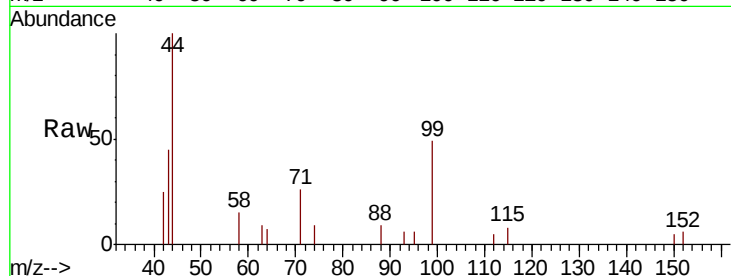
Tot Ion: 99 Resp: 722

Ion Ratio Lower Upper

99 100

42 38.8 20.2 30.2#

71 46.3 33.3 49.9

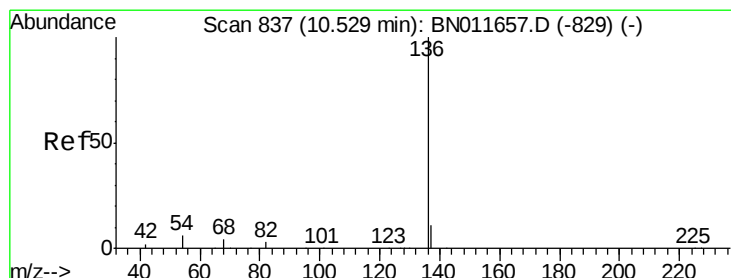
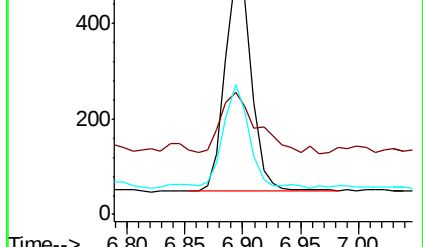
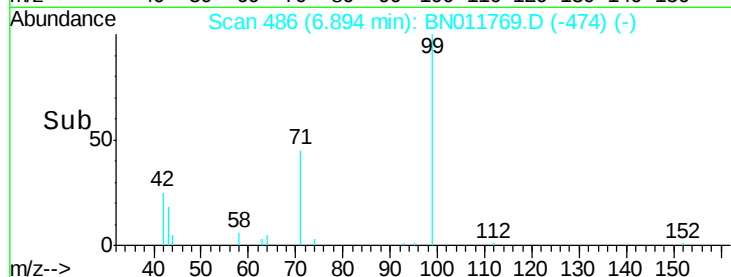


Abundance Ion 99.00 (98.70 to 99.70): BN011657.D (-482) (-)

Ion 42.00 (41.70 to 42.70): BN011657.D (-482) (-)

Ion 71.00 (70.70 to 71.70): BN011657.D (-482) (-)

Time-->



#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

Tgt Ion: 136 Resp: 9567

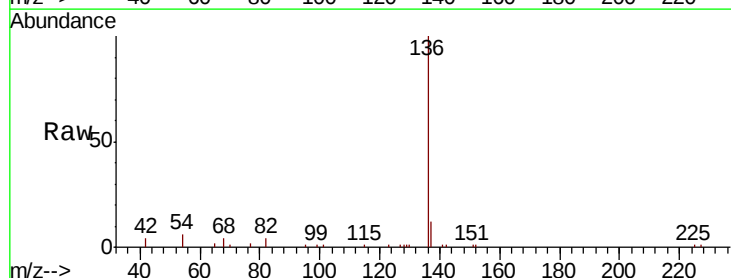
Ion Ratio Lower Upper

136 100

137 12.2 9.3 13.9

54 5.9 5.8 8.8

68 4.1 4.1 6.1



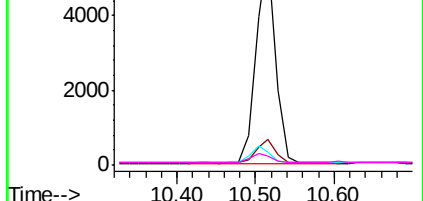
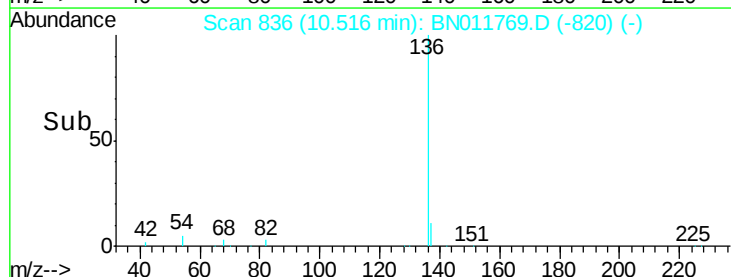
Abundance Ion 136.00 (135.70 to 136.70): BN011657.D (-829) (-)

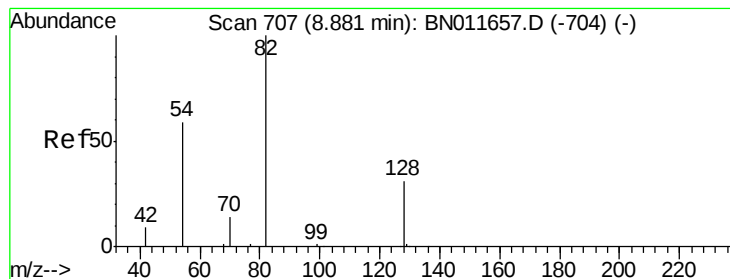
Ion 137.00 (136.70 to 137.70): BN011657.D (-829) (-)

Ion 54.00 (53.70 to 54.70): BN011657.D (-829) (-)

Ion 68.00 (67.70 to 68.70): BN011657.D (-829) (-)

Time-->





#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

Instrument :

BNA_N

ClientSampleId :

OUTFALL001-200901

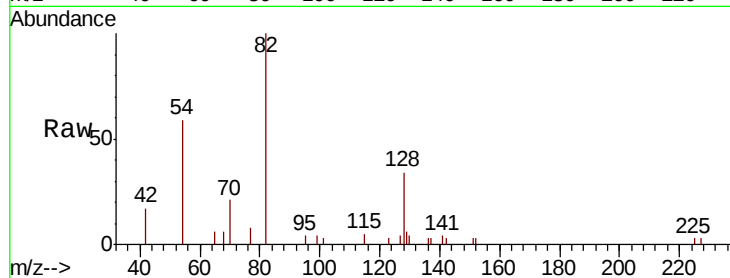
Tot Ion: 82 Resp: 2621

Ion Ratio Lower Upper

82 100

128 33.8 26.2 39.2

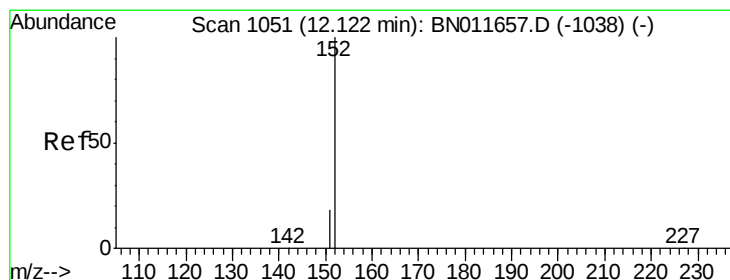
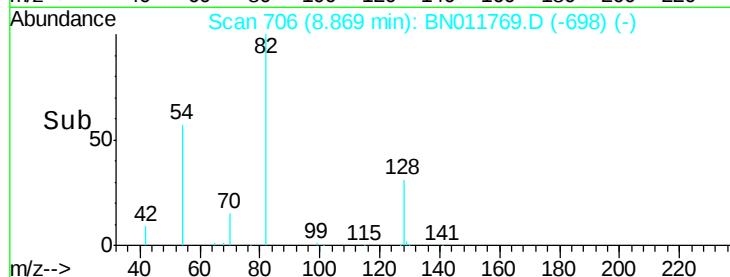
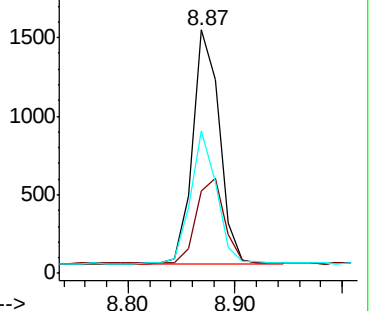
54 58.8 48.2 72.4



Abundance Ion 82.00 (81.70 to 82.70): BN011769.D (-698) (-)

Ion 128.00 (127.70 to 128.70): BN011769.D (-698) (-)

Ion 54.00 (53.70 to 54.70): BN011769.D (-698) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.248 ng

RT: 12.11 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BN011769.D

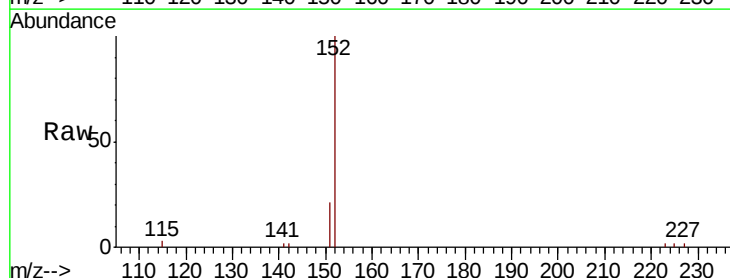
Acq: 09 Sep 2020 15:56

Tgt Ion: 152 Resp: 4276

Ion Ratio Lower Upper

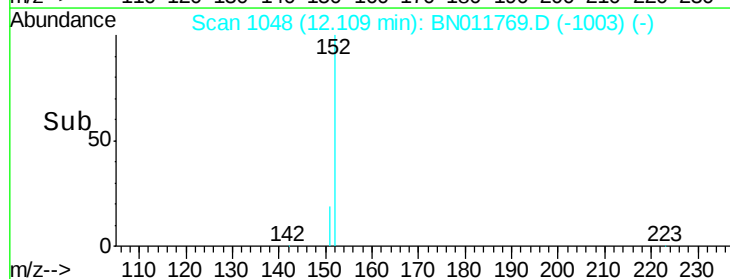
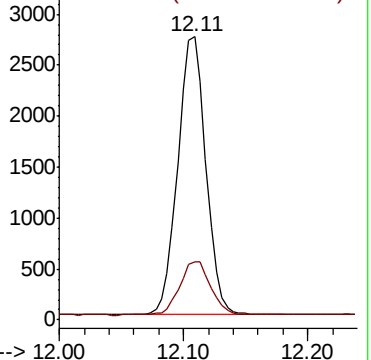
152 100

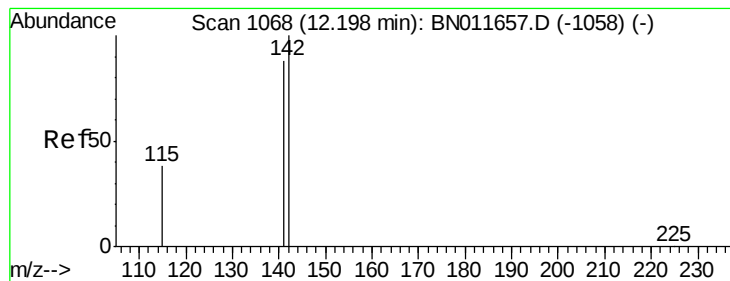
151 21.2 16.7 25.1



Abundance Ion 152.00 (151.70 to 152.70): BN011769.D (-1003) (-)

Ion 151.00 (150.70 to 151.70): BN011769.D (-1003) (-)





#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

Instrument :

BNA_N

ClientSampleId :

OUTFALL001-200901

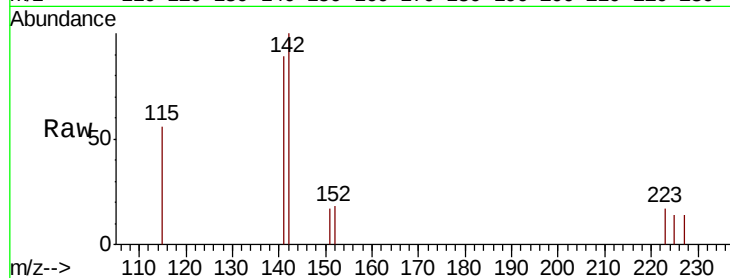
Tot Ion:142 Resp: 406

Ion Ratio Lower Upper

142 100

141 88.9 70.6 106.0

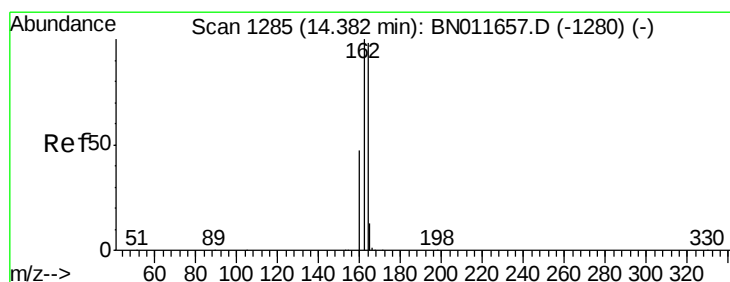
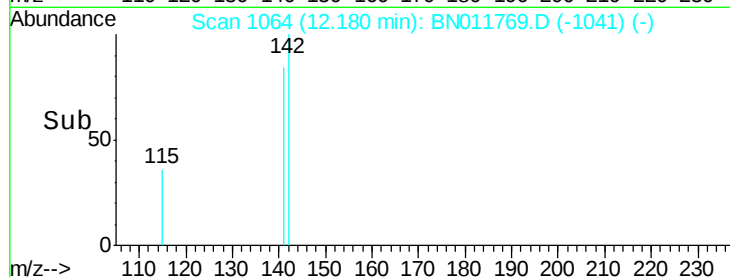
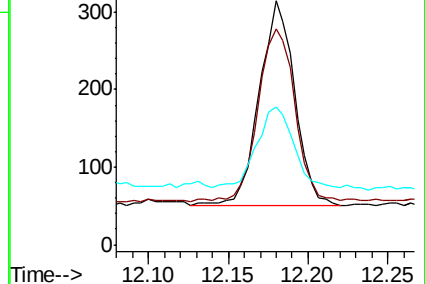
115 56.4 31.3 46.9#



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

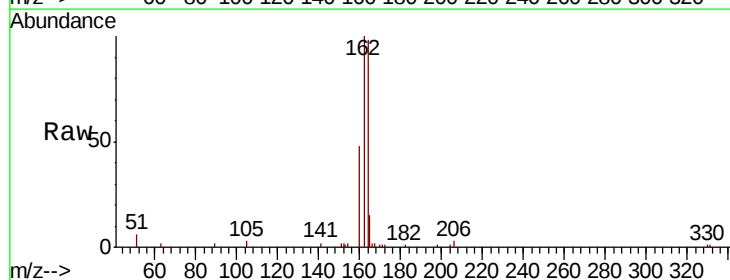
Tgt Ion:164 Resp: 5616

Ion Ratio Lower Upper

164 100

162 102.2 81.4 122.0

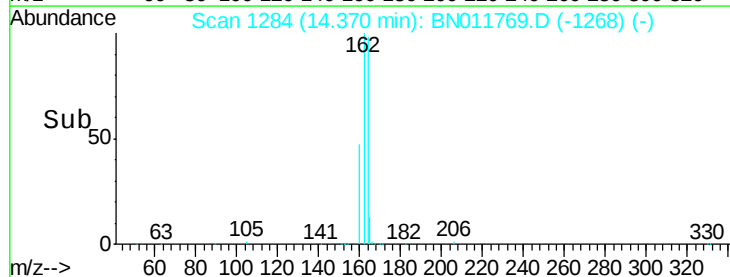
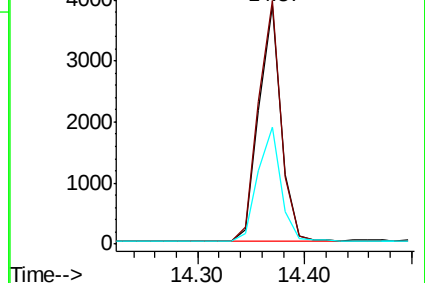
160 48.9 38.5 57.7

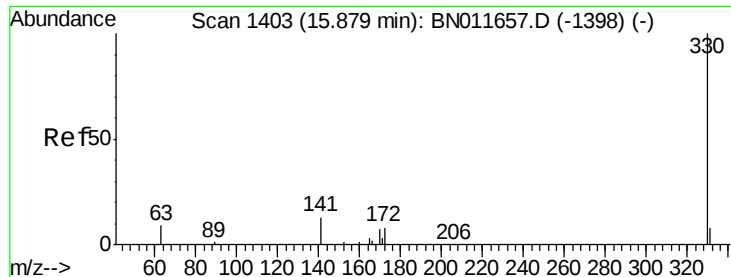


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

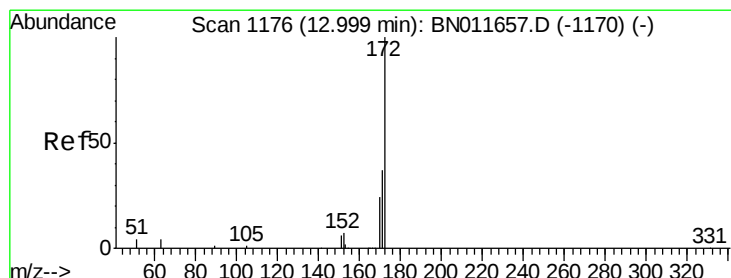
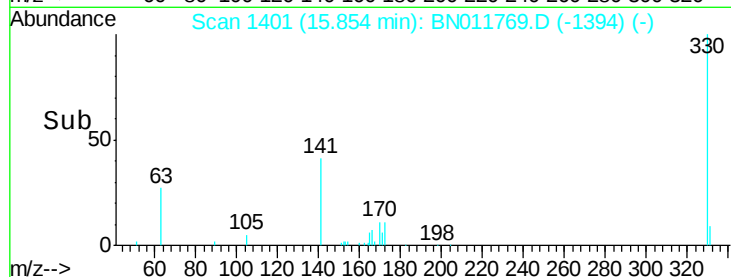
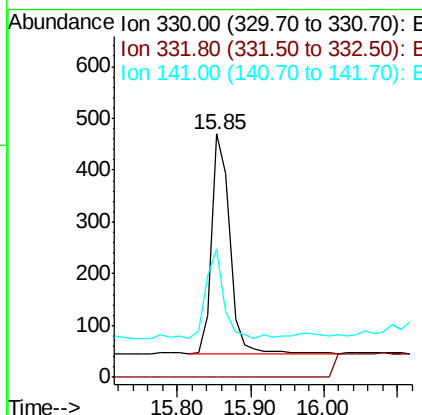
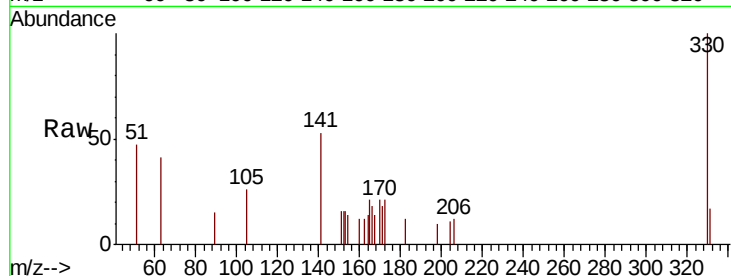




#14
 2,4,6-Tribromophenol
 Concen: 0.268 ng
 RT: 15.85 min Scan# 1401
 Delta R.T. -0.01 min
 Lab File: BN011769.D
 Acq: 09 Sep 2020 15:56

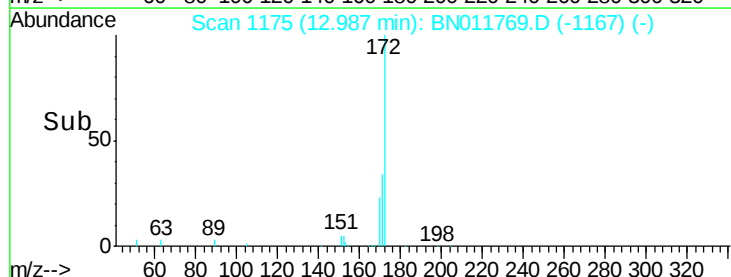
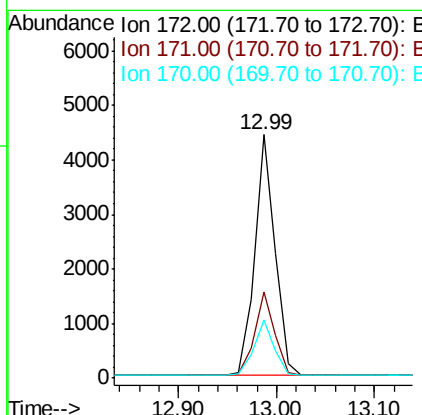
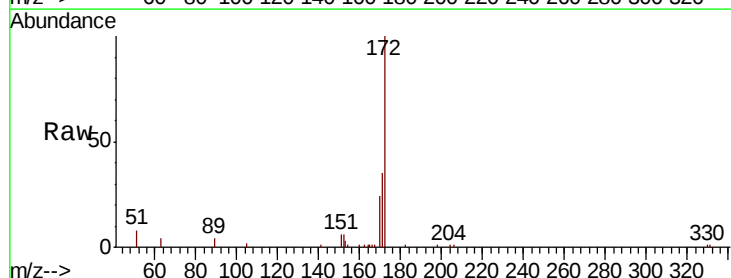
Instrument :
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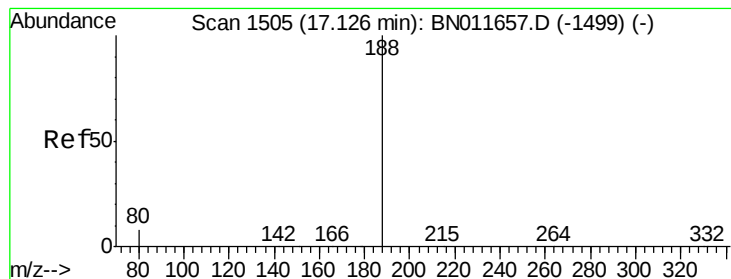
Tot Ion:330 Resp: 732
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 40.4 29.8 44.8



#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

Tgt 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

Instrument :

BNA_N

ClientSampleId :

OUTFALL001-200901

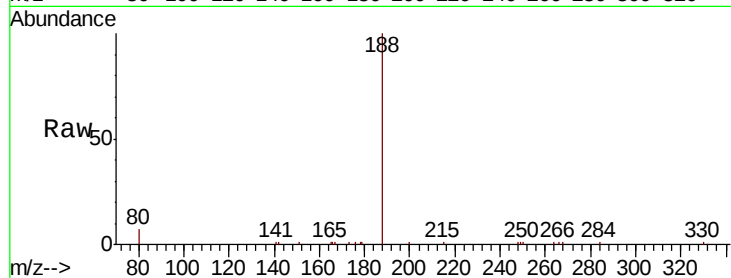
Tot Ion:188 Resp: 12703

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

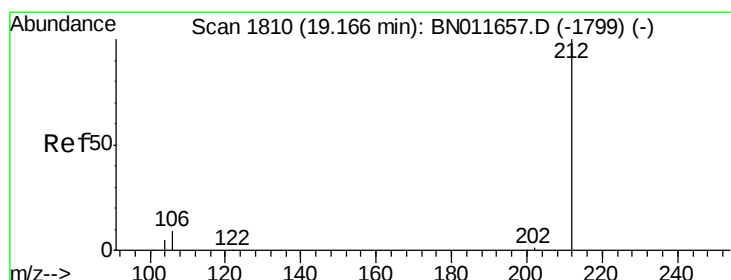
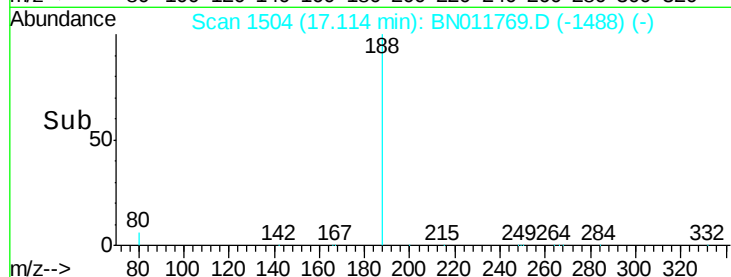
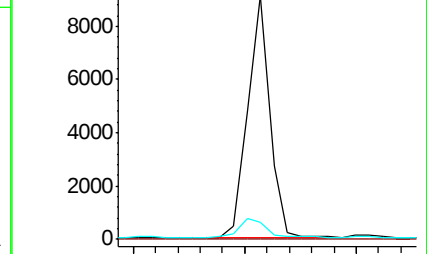
80 6.8 6.6 9.8



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: 0.278 ng

RT: 19.15 min Scan# 1806

Delta R.T. -0.00 min

Lab File: BN011769.D

Acq: 09 Sep 2020 15:56

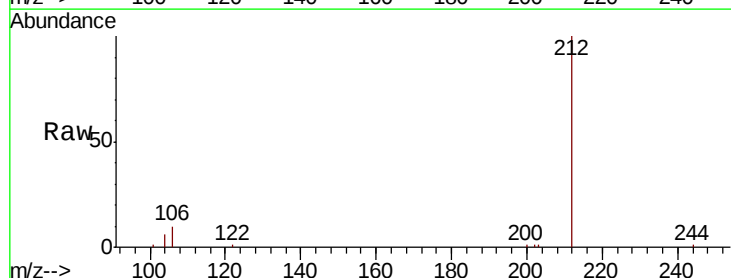
Tgt Ion:212 Resp: 11341

Ion Ratio Lower Upper

212 100

106 9.5 7.6 11.4

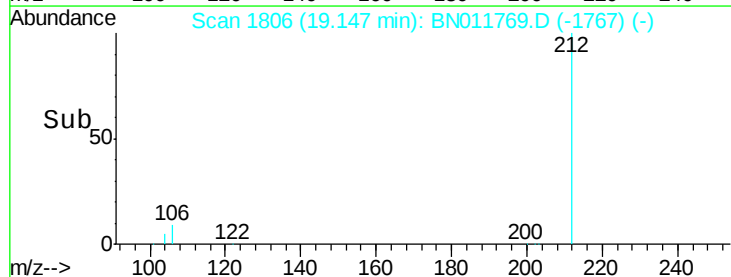
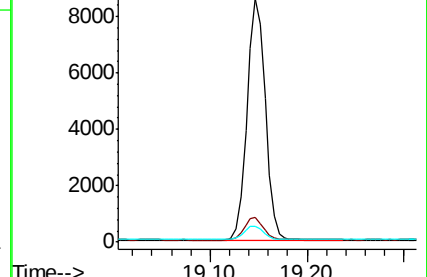
104 5.8 4.6 6.8

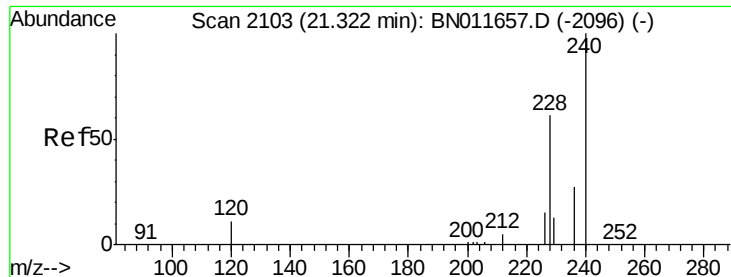


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

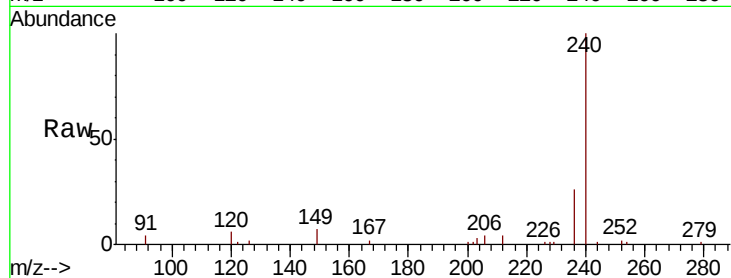




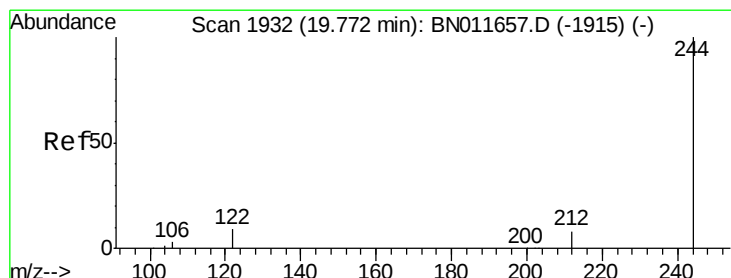
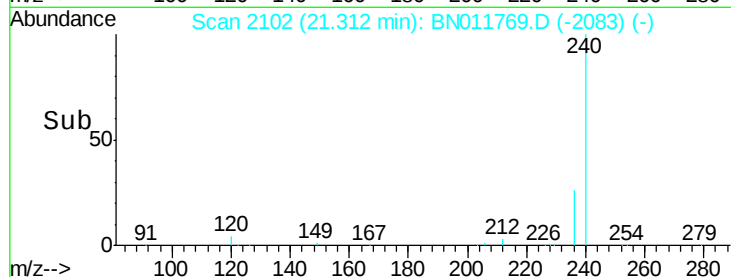
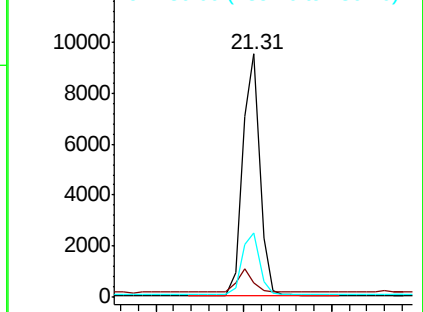
#29
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.31 min Scan# 2102
 Delta R.T. 0.00 min
 Lab File: BN011769.D
 Acq: 09 Sep 2020 15:56

Instrument :
 BNA_N
 ClientSampleId :
 OUTFALL001-200901

Tot Ion:240 Resp: 12848
 Ion Ratio Lower Upper
 240 100
 120 5.9 9.9 14.9#
 236 26.4 22.2 33.4

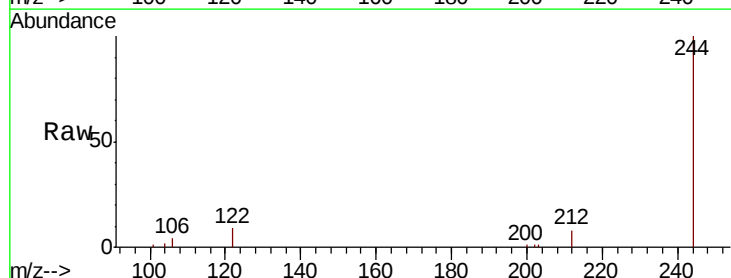


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

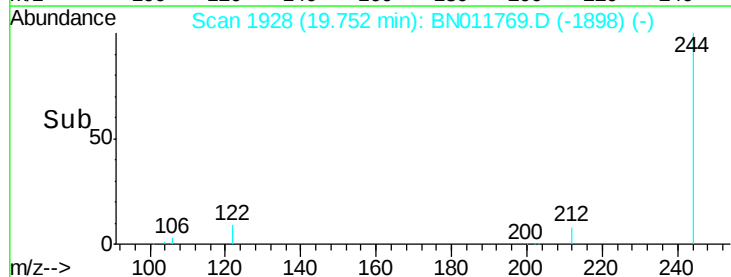
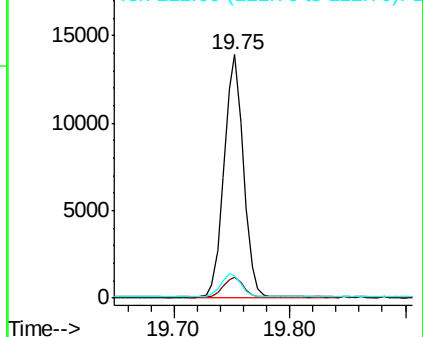


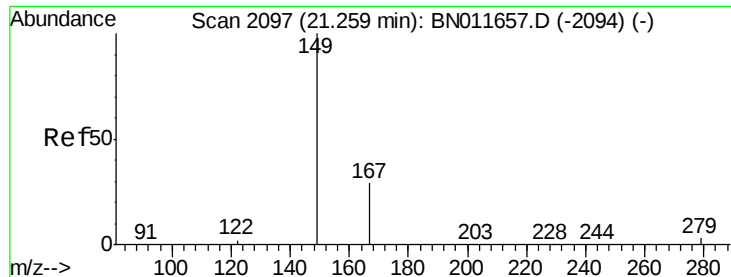
#31
 Terphenyl-d14
 Concen: 0.503 ng
 RT: 19.75 min Scan# 1928
 Delta R.T. 0.00 min
 Lab File: BN011769.D
 Acq: 09 Sep 2020 15:56

Tgt 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

Instrument :

BNA_N

ClientSampleId :

OUTFALL001-200901

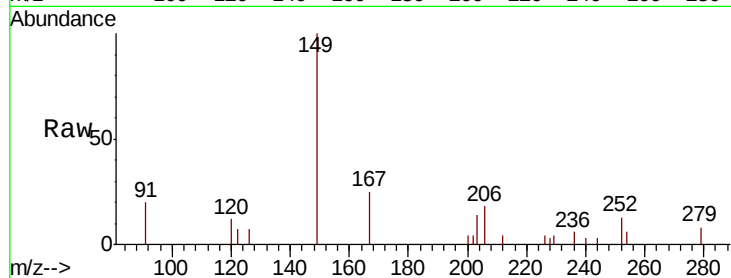
Tot Ion:149 Resp: 1458

Ion Ratio Lower Upper

149 100

167 27.3 23.2 34.8

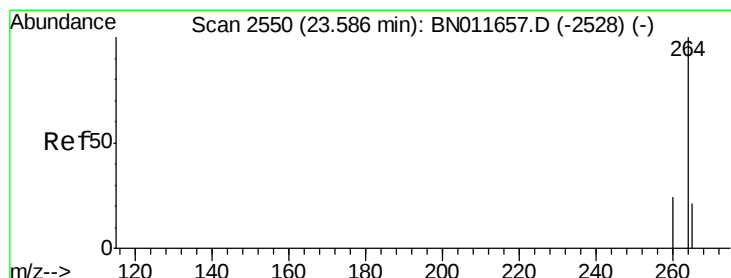
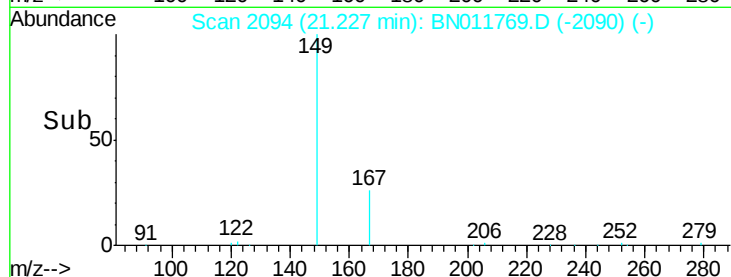
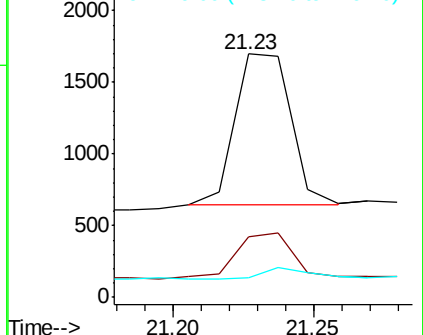
279 5.8 4.0 6.0



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

Perylene-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

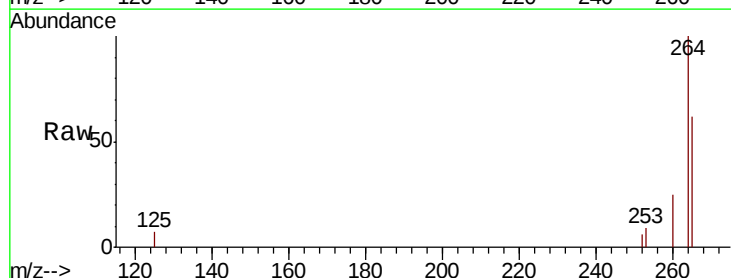
Tgt Ion:264 Resp: 12419

Ion Ratio Lower Upper

264 100

260 24.7 19.8 29.6

265 61.5 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

