

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120821\
 Data File : BN017823.D
 Acq On : 09 Dec 2021 06:59
 Operator : CG/JU
 Sample : M4922-11
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP01-20211130

Quant Time: Dec 10 01:51:41 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 08 01:18:09 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

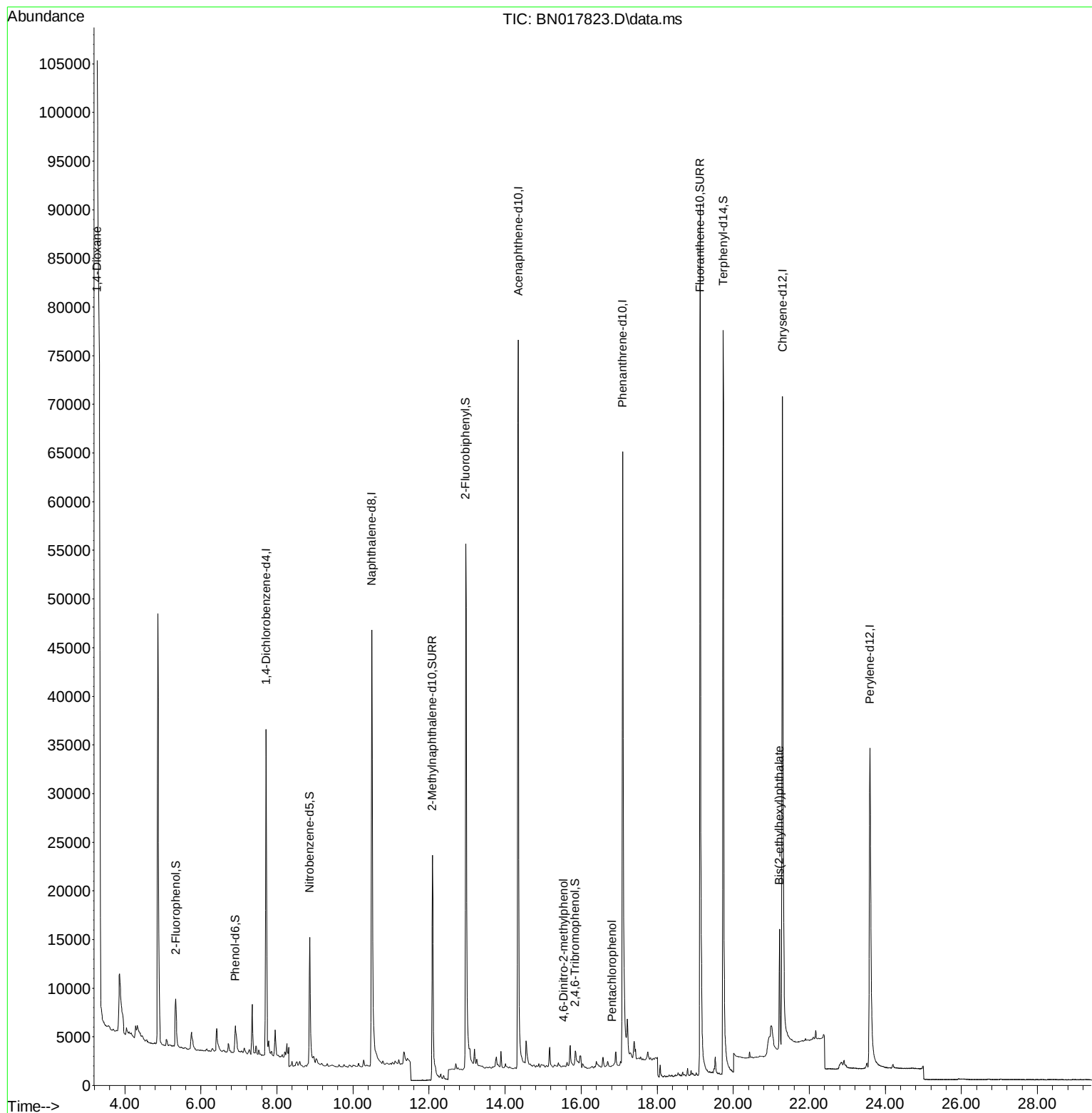
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	20456	0.40	ng	0.00
7) Naphthalene-d8	10.494	136	79021	0.40	ng	0.00
13) Acenaphthene-d10	14.347	164	56054	0.40	ng	0.00
19) Phenanthrene-d10	17.092	188	118275	0.40	ng	# 0.00
29) Chrysene-d12	21.293	240	96487	0.40	ng	# 0.01
35) Perylene-d12	23.592	264	67789	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	5761	0.12	ng	0.00
5) Phenol-d6	6.903	99	2945	0.06	ng	0.00
8) Nitrobenzene-d5	8.859	82	15253	0.29	ng	0.00
11) 2-Methylnaphthalene-d10	12.090	152	41632	0.26	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	2272	0.08	ng	0.00
15) 2-Fluorobiphenyl	12.964	172	63370	0.31	ng	0.00
27) Fluoranthene-d10	19.129	212	137625	0.35	ng	0.00
31) Terphenyl-d14	19.735	244	110698	0.53	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.270	88	4598	0.61	ng	# 100
20) 4,6-Dinitro-2-methylph...	15.540	198	11	0.09	ng	# 1
24) Pentachlorophenol	16.812	266	14	0.28	ng	# 60
34) Bis(2-ethylhexyl)phtha...	21.219	149	12564	0.09	ng	99

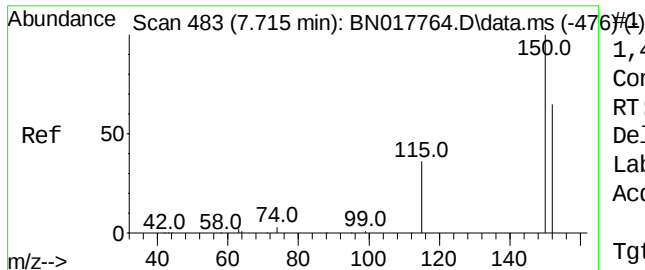
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 7.715 min Scan# 4

Delta R.T. -0.000 min

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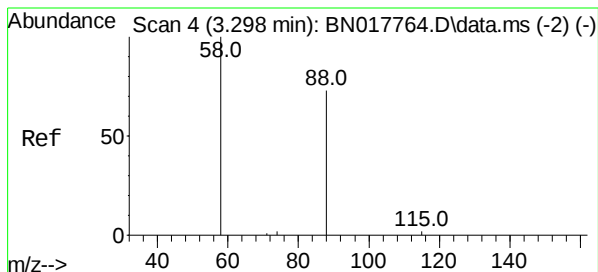
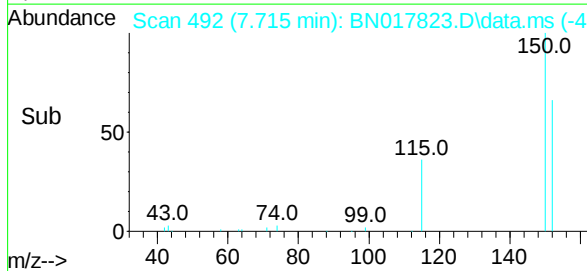
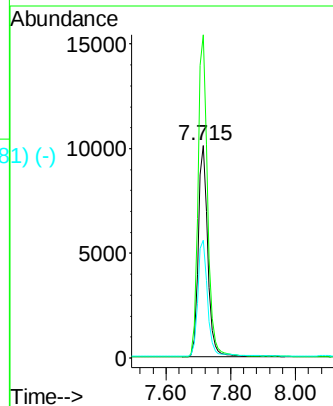
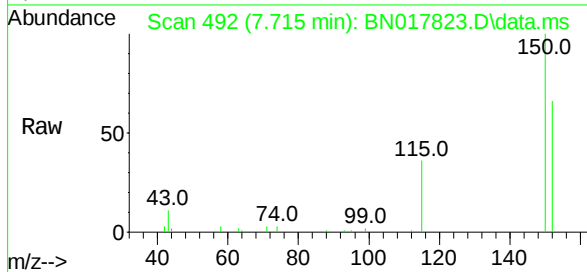
Tgt Ion:152 Resp: 20456

Ion Ratio Lower Upper

152 100

150 152.1 123.0 184.4

115 55.5 45.3 67.9



#2

1,4-Dioxane

Concen: 0.61 ng

RT: 3.270 min Scan# 10

Delta R.T. -0.028 min

Lab File: BN017823.D

Acq: 09 Dec 2021 06:59

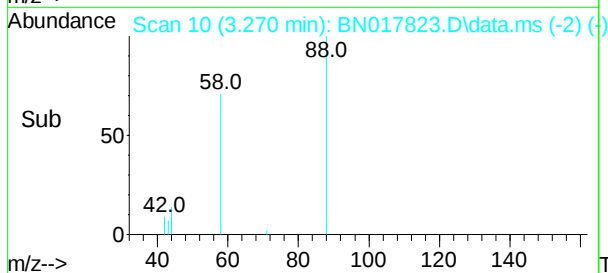
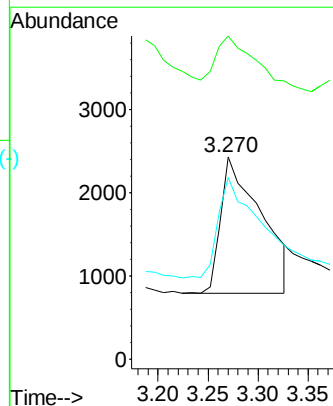
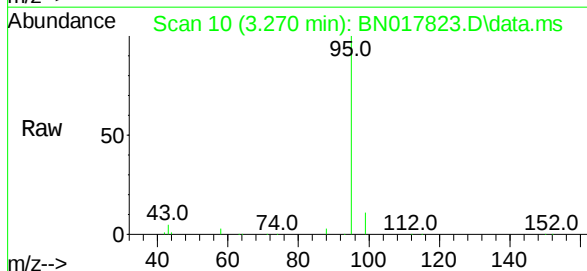
Tgt Ion: 88 Resp: 4598

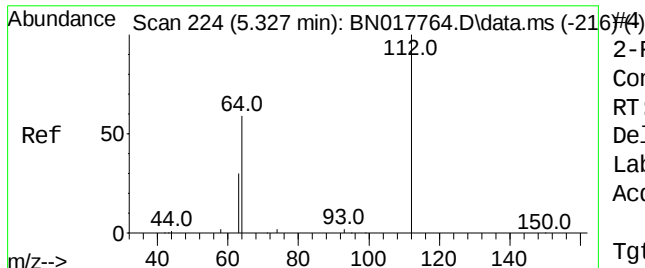
Ion Ratio Lower Upper

88 100

43 26.3 0.0 0.0#

58 74.8 0.0 0.0#





2-Fluorophenol

Concen: 0.12 ng

RT: 5.336 min Scan# 1

Delta R.T. 0.009 min

Lab File: BN017823.D

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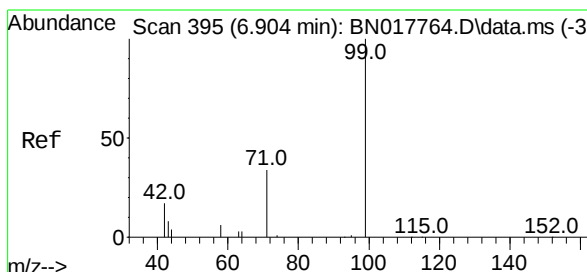
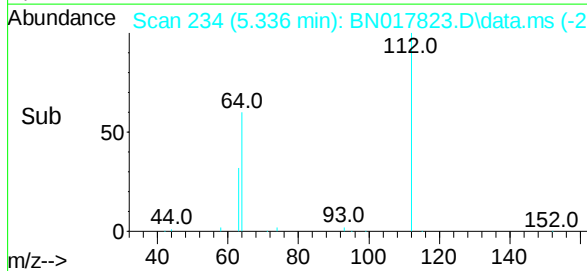
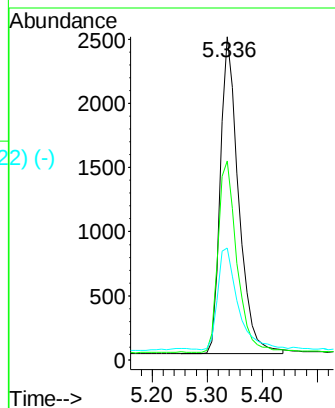
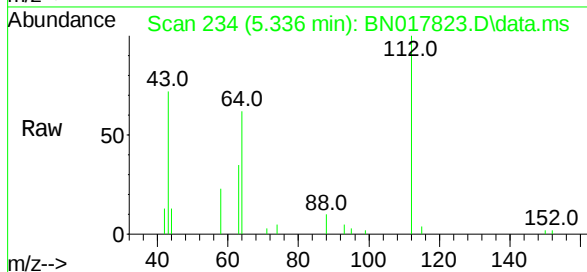
Tgt Ion:112 Resp: 5761

Ion Ratio Lower Upper

112 100

64 62.1 49.3 73.9

63 35.4 25.8 38.8



Phenol-d6

Concen: 0.06 ng

RT: 6.903 min Scan# 404

Delta R.T. -0.000 min

Lab File: BN017823.D

Acq: 09 Dec 2021 06:59

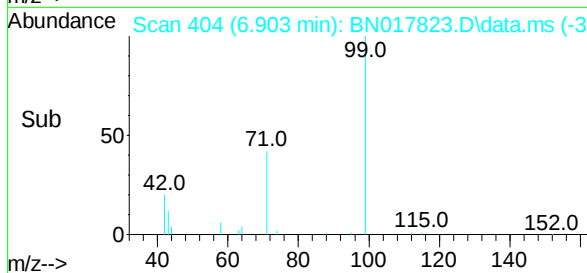
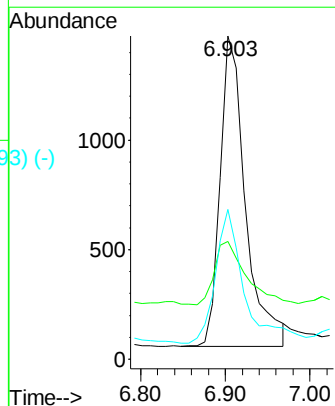
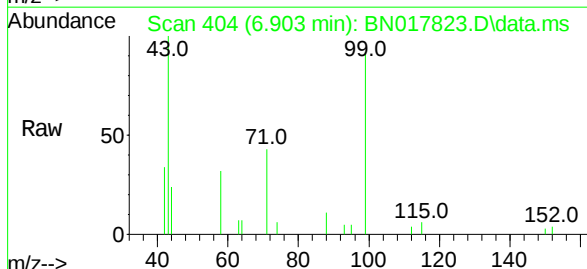
Tgt Ion: 99 Resp: 2945

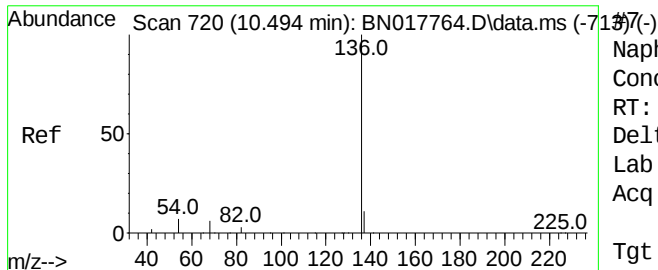
Ion Ratio Lower Upper

99 100

42 25.4 16.6 25.0#

71 47.0 29.0 43.4#





Naphthalene-d8

Concen: 0.40 ng

RT: 10.494 min Scan#

Delta R.T. -0.000 min

Lab File: BN017823.D

Acq: 09 Dec 2021 06:59

Instrument :

BNA_N

ClientSampleId :

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Tgt Ion:136 Resp: 79021

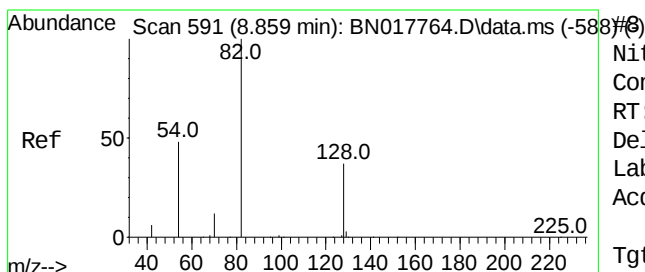
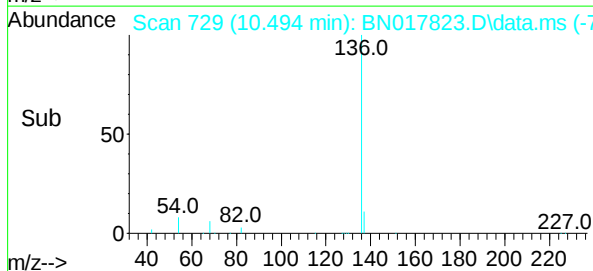
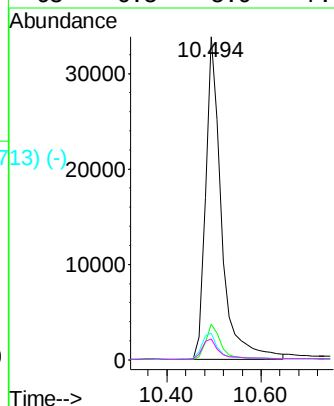
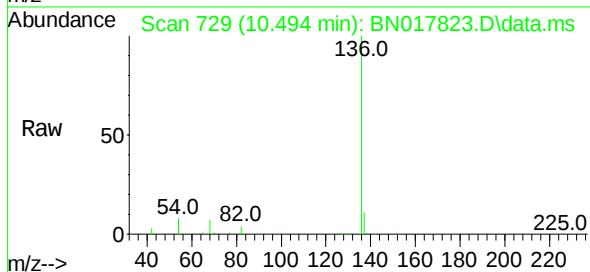
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 8.2 5.9 8.9

68 6.5 5.0 7.6



Nitrobenzene-d5

Concen: 0.29 ng

RT: 8.859 min Scan# 600

Delta R.T. -0.000 min

Lab File: BN017823.D

Acq: 09 Dec 2021 06:59

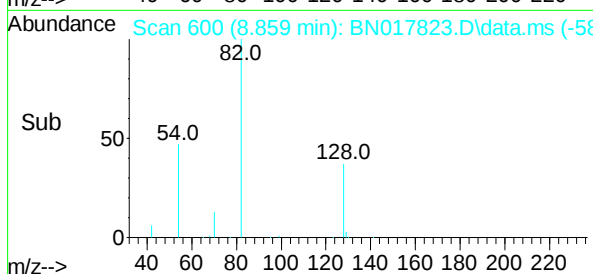
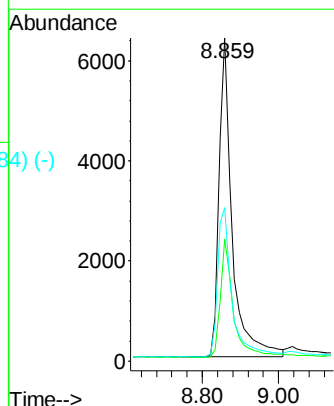
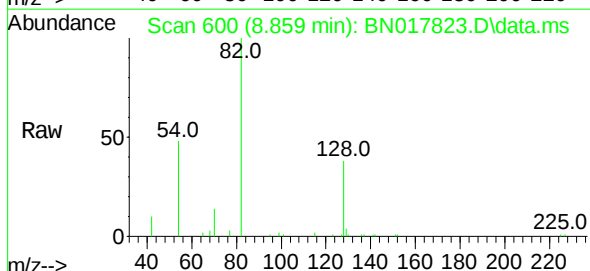
Tgt Ion: 82 Resp: 15253

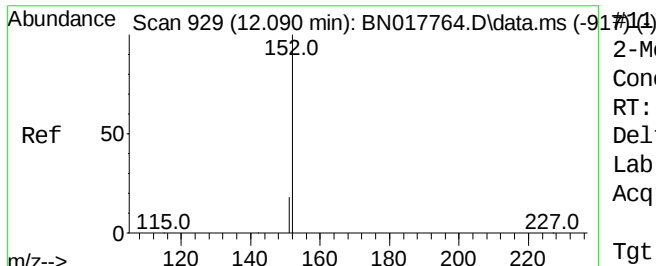
Ion Ratio Lower Upper

82 100

128 37.7 30.2 45.2

54 47.6 39.0 58.6

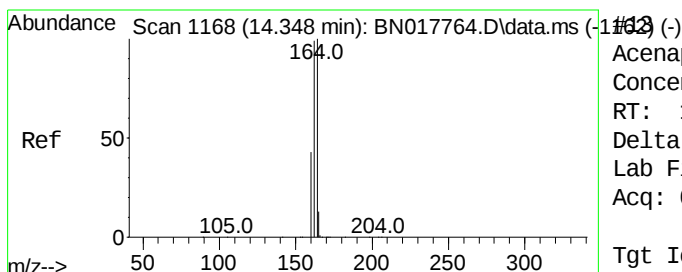
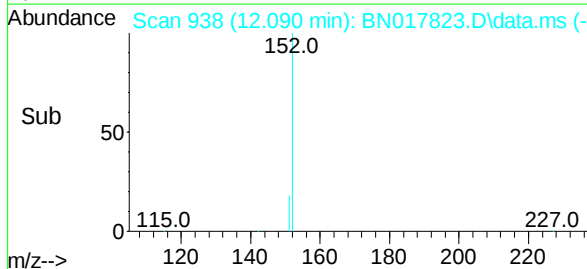
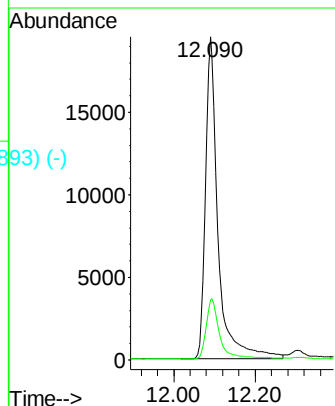
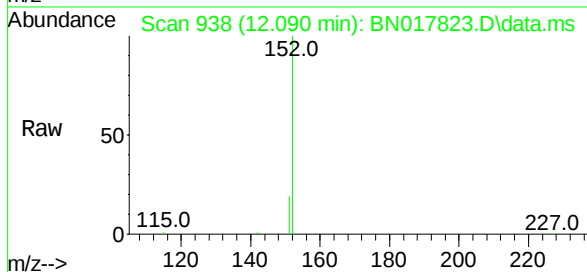




2-Methylnaphthalene-d10
 Concen: 0.26 ng
 RT: 12.090 min Scan# 929
 Delta R.T. -0.000 min
 Lab File: BN017823.D
 Acq: 09 Dec 2021 06:59

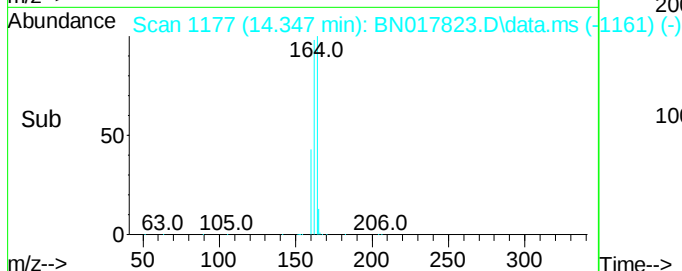
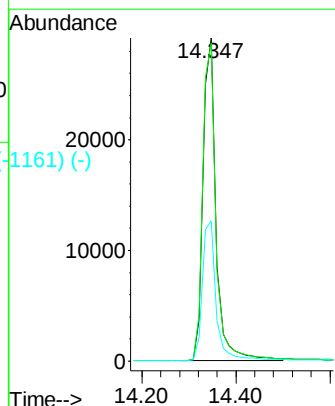
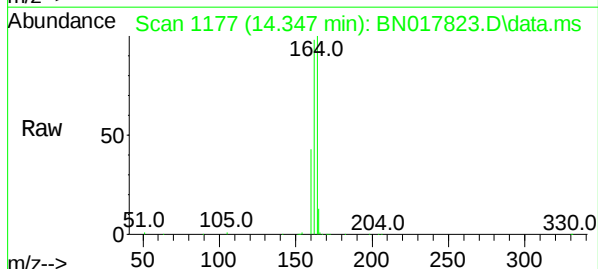
Instrument :
 BNA_N
 ClientSampleId :
 DUP01-20211130

Tgt Ion:152 Resp: 41632
 Ion Ratio Lower Upper
 152 100
 151 20.5 16.4 24.6



Acenaphthene-d10
 Concen: 0.40 ng
 RT: 14.347 min Scan# 1177
 Delta R.T. -0.000 min
 Lab File: BN017823.D
 Acq: 09 Dec 2021 06:59

Tgt Ion:164 Resp: 56054
 Ion Ratio Lower Upper
 164 100
 162 98.5 79.0 118.6
 160 43.3 34.6 52.0



Abundance Scan 1286 (15.845 min): BN017764.D\data.ms (-1286) (-)

2,4,6-Tribromophenol

Concen: 0.08 ng

RT: 15.844 min Scan# 1286

Delta R.T. -0.000 min

Lab File: BN017823.D

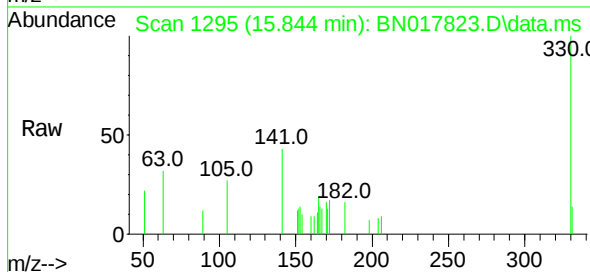
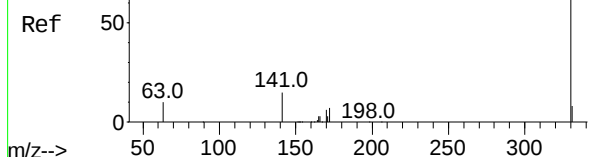
Acq: 09 Dec 2021 06:59

Instrument :

BNA_N

ClientSampleId :

DUP01-20211130



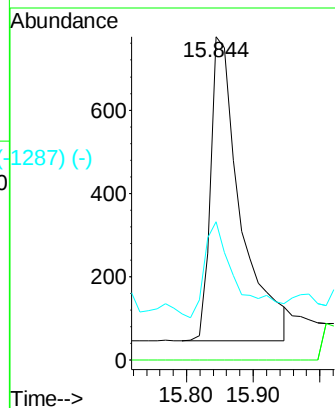
Tgt Ion:330 Resp: 2272

Ion Ratio Lower Upper

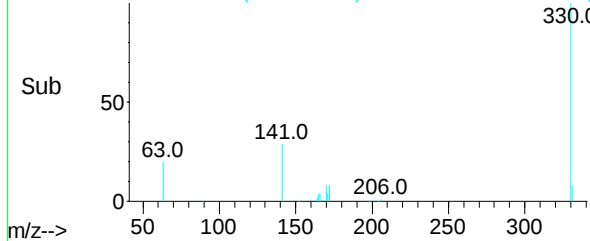
330 100

332 0.0 0.0 0.0

141 33.5 21.5 32.3#



Abundance Scan 1295 (15.844 min): BN017823.D\data.ms (-1287) (-)



Abundance Scan 1059 (12.965 min): BN017764.D\data.ms (-1059) (-)

2-Fluorobiphenyl

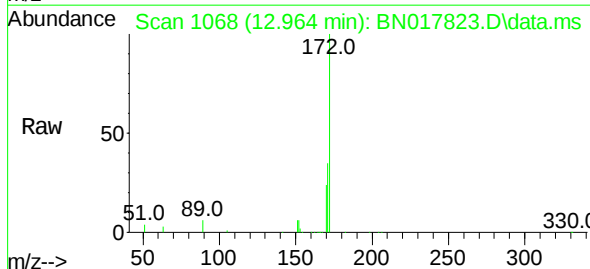
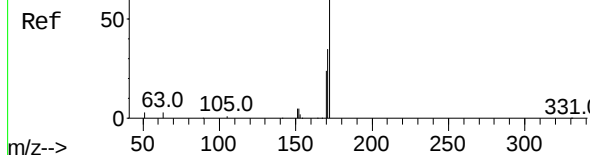
Concen: 0.31 ng

RT: 12.964 min Scan# 1068

Delta R.T. -0.000 min

Lab File: BN017823.D

Acq: 09 Dec 2021 06:59



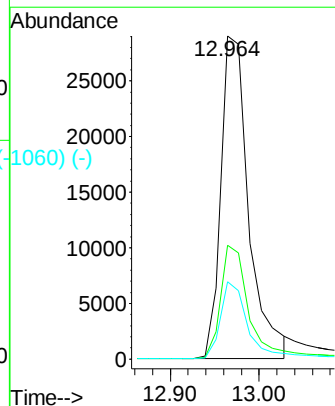
Tgt Ion:172 Resp: 63370

Ion Ratio Lower Upper

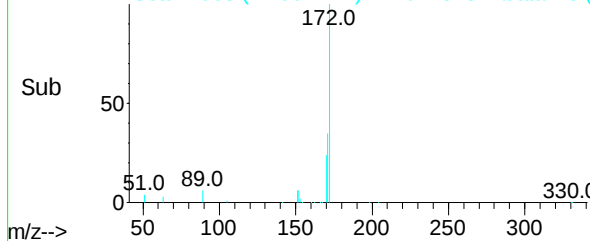
172 100

171 35.2 28.1 42.1

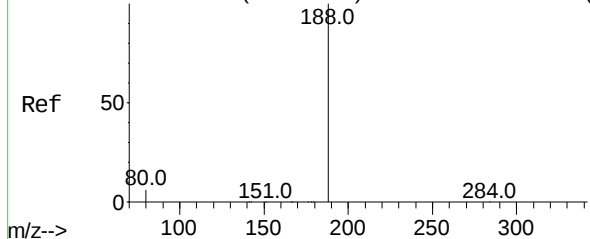
170 24.0 18.9 28.3



Abundance Scan 1068 (12.964 min): BN017823.D\data.ms (-1060) (-)



Abundance Scan 1388 (17.093 min): BN017764.D\data.ms (-1388) (-)



Phenanthrene-d10

Concen: 0.40 ng

RT: 17.092 min Scan#

Delta R.T. -0.000 min

Lab File: BN017823.D

Acq: 09 Dec 2021 06:59

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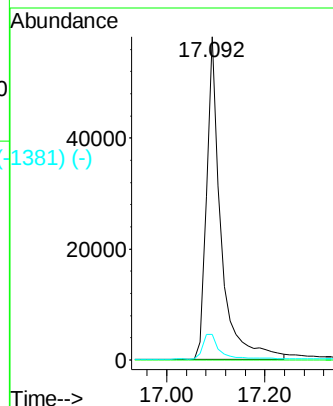
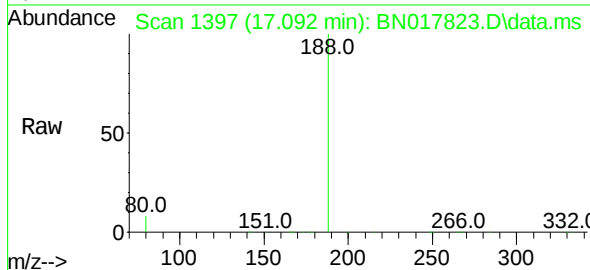
Tgt Ion:188 Resp: 118275

Ion Ratio Lower Upper

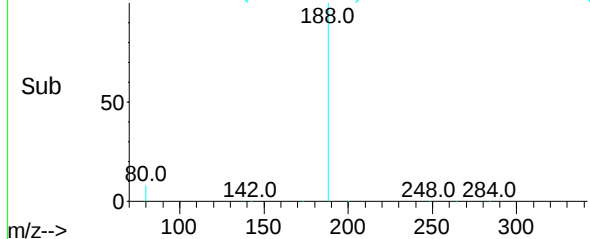
188 100

94 0.0 0.0 0.0

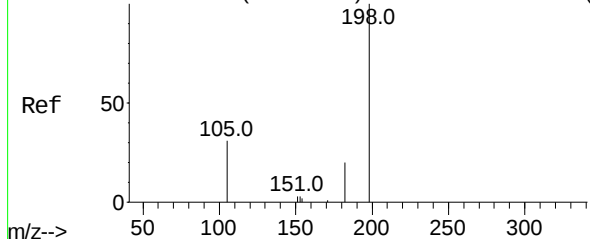
80 7.9 5.1 7.7#



Abundance Scan 1397 (17.092 min): BN017823.D\data.ms (-1381) (-)



Abundance Scan 1258 (15.489 min): BN017764.D\data.ms (-1258) (-)



4,6-Dinitro-2-methylphenol

Concen: 0.09 ng

RT: 15.540 min Scan# 1271

Delta R.T. 0.051 min

Lab File: BN017823.D

Acq: 09 Dec 2021 06:59

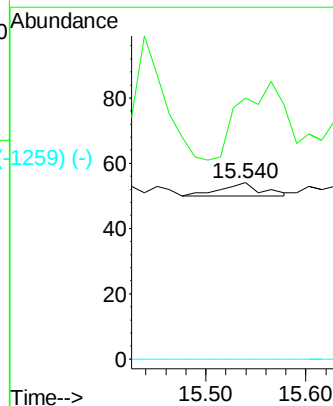
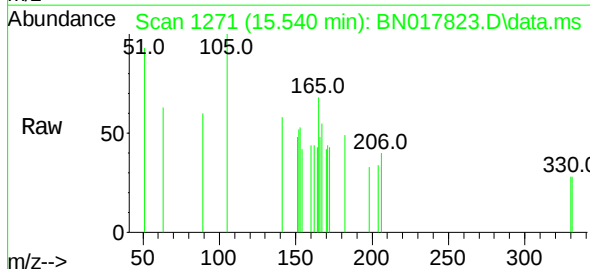
Tgt Ion:198 Resp: 11

Ion Ratio Lower Upper

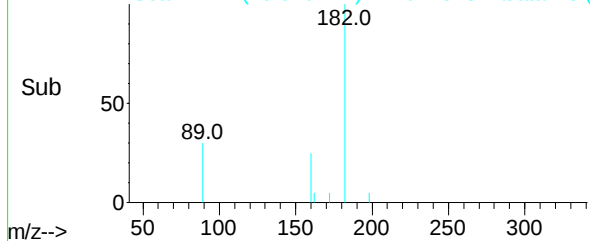
198 100

182 148.1 44.2 66.2#

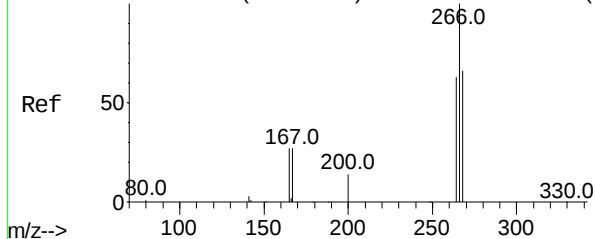
77 0.0 0.0 0.0



Abundance Scan 1271 (15.540 min): BN017823.D\data.ms (-1259) (-)



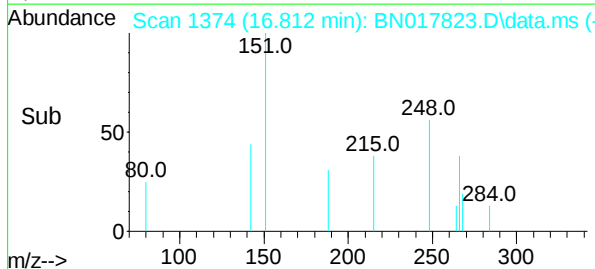
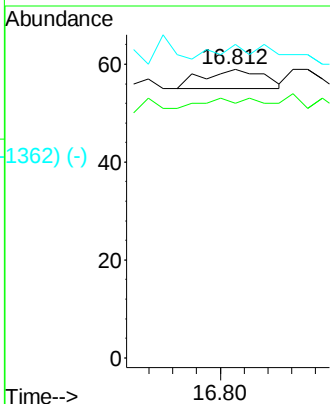
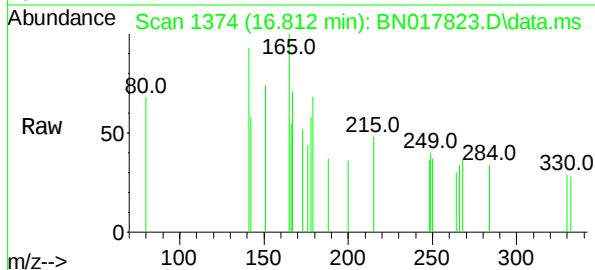
Abundance Scan 1361 (16.764 min): BN017764.D\data.ms (-1361) (-)



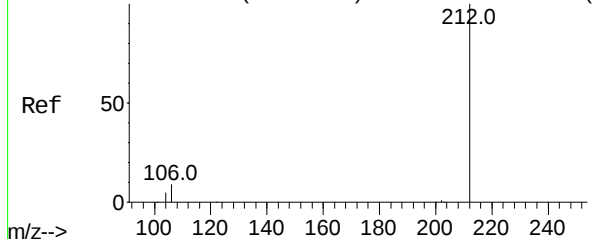
Pentachlorophenol
Concen: 0.28 ng
RT: 16.812 min Scan# 1361
Delta R.T. 0.048 min
Lab File: BN017823.D
Acq: 09 Dec 2021 06:59

Instrument :
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DUP01-20211130

Tgt Ion:266 Resp: 14
Ion Ratio Lower Upper
266 100
264 42.9 50.8 76.2#
268 107.1 51.8 77.6#

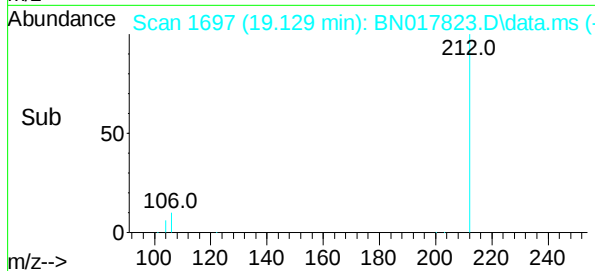
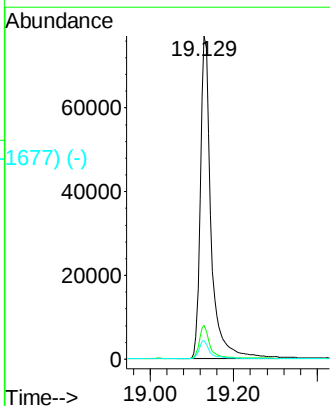
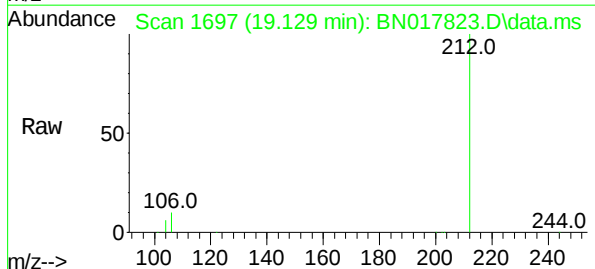


Abundance Scan 1688 (19.130 min): BN017764.D\data.ms (-1625) (-)



Fluoranthene-d10
Concen: 0.35 ng
RT: 19.129 min Scan# 1697
Delta R.T. -0.000 min
Lab File: BN017823.D
Acq: 09 Dec 2021 06:59

Tgt Ion:212 Resp: 137625
Ion Ratio Lower Upper
212 100
106 9.9 8.2 12.2
104 5.6 4.6 6.8



Abundance Scan 1985 (21.283 min): BN017764.D\data.ms (-1975) (-)

Chrysene-d12

Concen: 0.40 ng

RT: 21.293 min Scan# 1985

Delta R.T. 0.010 min

Lab File: BN017823.D

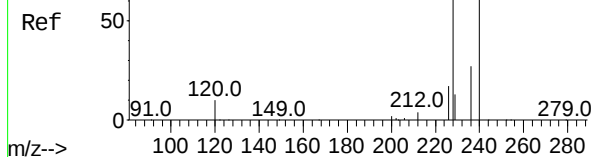
Acq: 09 Dec 2021 06:59

Instrument :

BNA_N

ClientSampleId :

DUP01-20211130



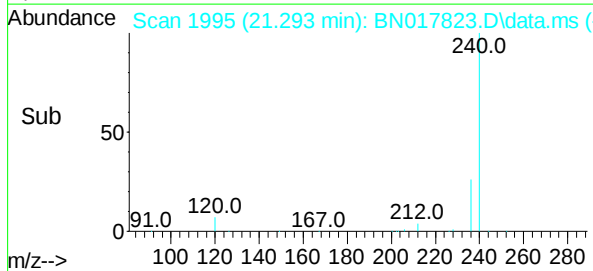
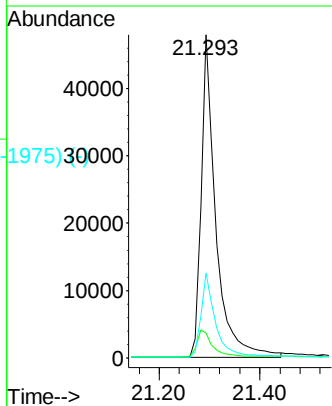
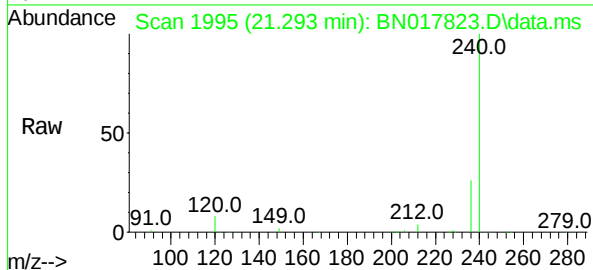
Tgt Ion:240 Resp: 96487

Ion Ratio Lower Upper

240 100

120 7.8 7.9 11.9#

236 26.3 21.4 32.2



Abundance Scan 1810 (19.735 min): BN017764.D\data.ms (-1801) (-)

Terphenyl-d14

Concen: 0.53 ng

RT: 19.735 min Scan# 1819

Delta R.T. -0.000 min

Lab File: BN017823.D

Acq: 09 Dec 2021 06:59

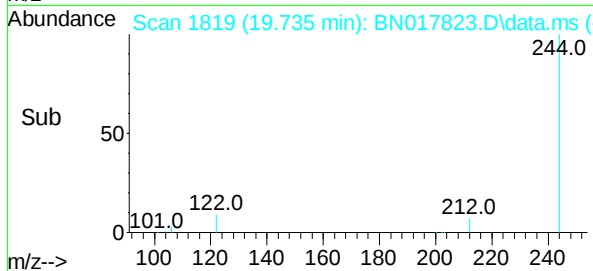
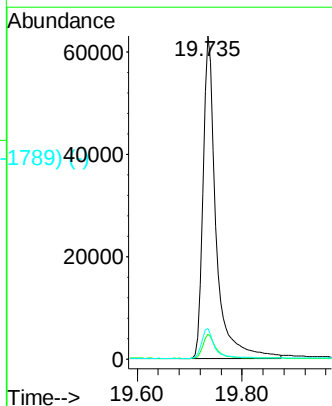
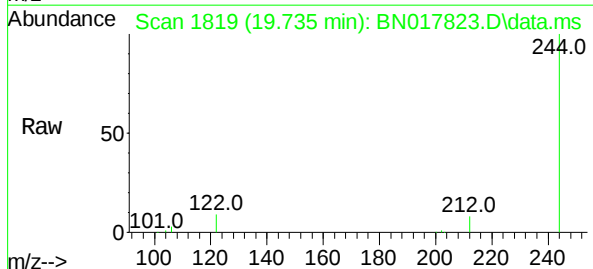
Tgt Ion:244 Resp: 110698

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

122 9.4 7.1 10.7



Abundance Scan 1979 (21.219 min): BN017764.D\data.ms (-1979) (-)

Bis(2-ethylhexyl)phthalate

Concen: 0.09 ng

RT: 21.219 min Scan# 1979

Delta R.T. -0.000 min

Lab File: BN017823.D

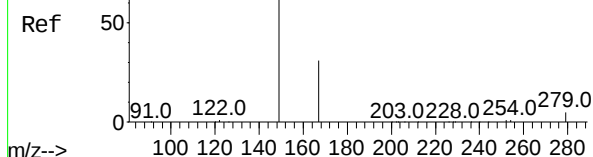
Acq: 09 Dec 2021 06:59

Instrument :

BNA_N

ClientSampleId :

DUP01-20211130



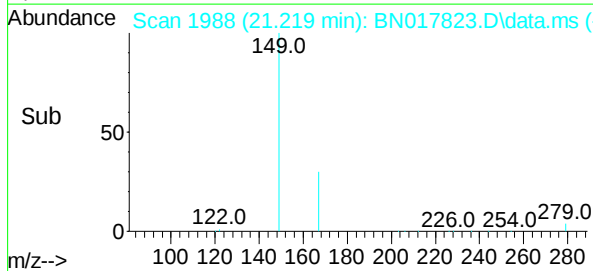
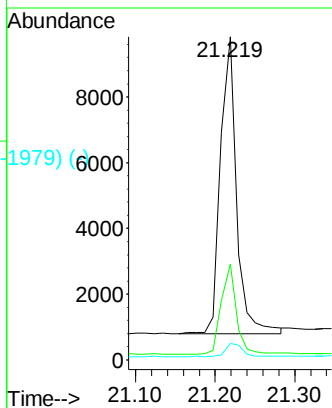
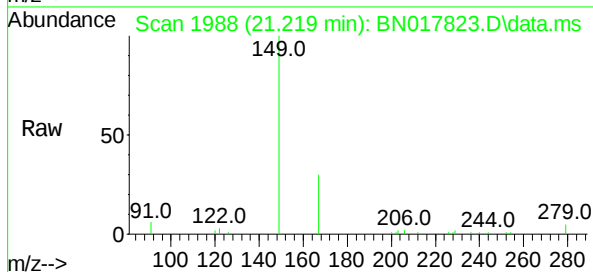
Tgt Ion:149 Resp: 12564

Ion Ratio Lower Upper

149 100

167 28.5 23.5 35.3

279 4.8 3.8 5.6



Abundance Scan 2434 (23.582 min): BN017764.D\data.ms (-2434) (-)

Perylene-d12

Concen: 0.40 ng

RT: 23.592 min Scan# 2446

Delta R.T. 0.010 min

Lab File: BN017823.D

Acq: 09 Dec 2021 06:59

Tgt Ion:264 Resp: 67789

Ion Ratio Lower Upper

264 100

260 25.1 20.0 30.0

265 24.4 20.5 30.7

