

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120821\
 Data File : BN017825.D
 Acq On : 09 Dec 2021 08:10
 Operator : CG/JU
 Sample : M4922-13
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP04-20211130

Quant Time: Dec 10 01:52:23 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)

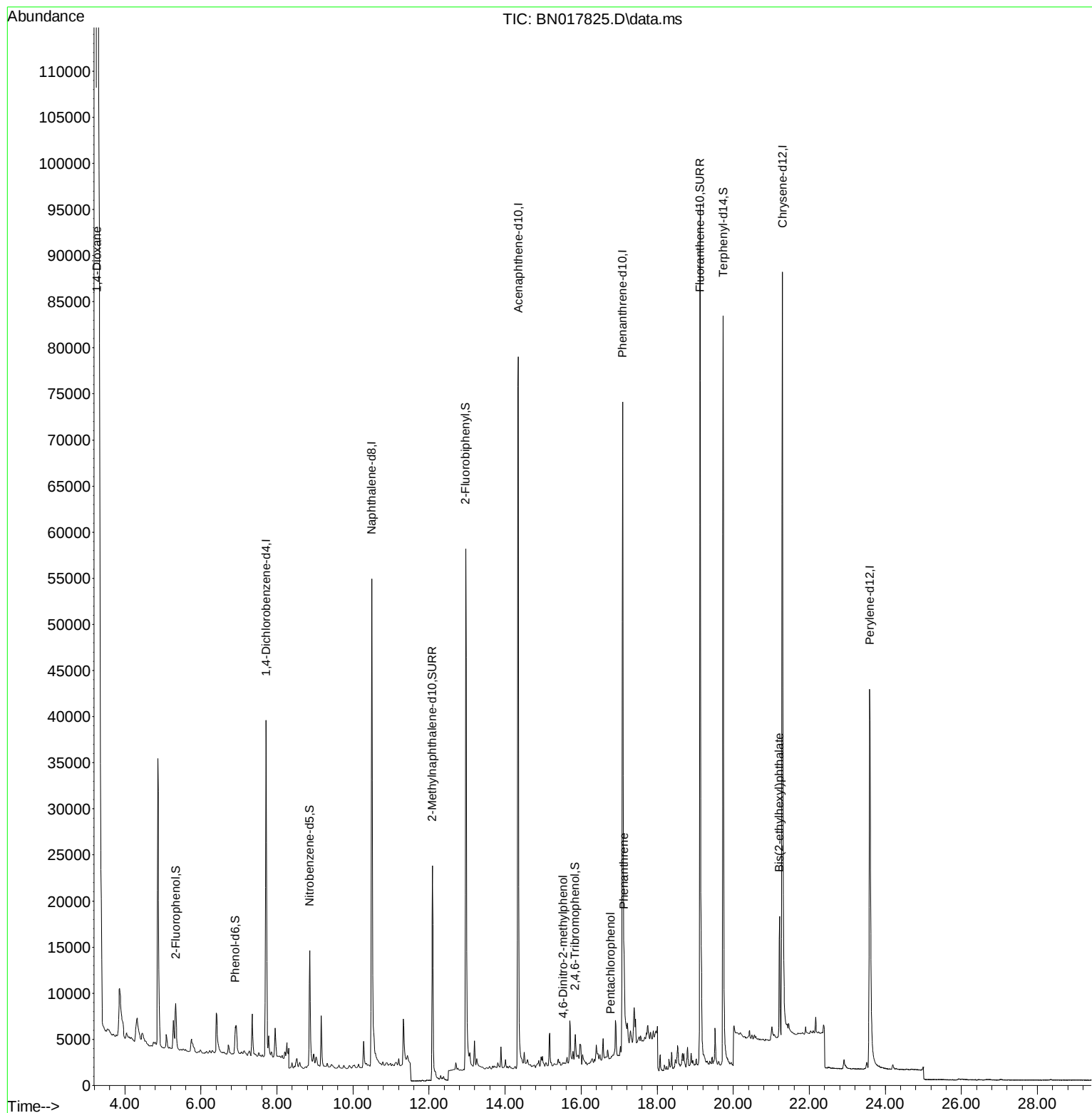
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	20844	0.40	ng	0.00
7) Naphthalene-d8	10.494	136	83160	0.40	ng	0.00
13) Acenaphthene-d10	14.347	164	57894	0.40	ng	0.00
19) Phenanthrene-d10	17.092	188	120936	0.40	ng	0.00
29) Chrysene-d12	21.293	240	104442	0.40	ng	# 0.01
35) Perylene-d12	23.589	264	76112	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	5489	0.11	ng	0.00
5) Phenol-d6	6.903	99	2995	0.06	ng	0.00
8) Nitrobenzene-d5	8.859	82	13903	0.25	ng	0.00
11) 2-Methylnaphthalene-d10	12.090	152	38049	0.23	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	3674	0.12	ng	0.00
15) 2-Fluorobiphenyl	12.964	172	59166	0.28	ng	0.00
27) Fluoranthene-d10	19.129	212	128109	0.32	ng	0.00
31) Terphenyl-d14	19.735	244	103988	0.46	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.270	88	105109	13.70	ng	# 100
20) 4,6-Dinitro-2-methylph...	15.527	198	19	0.10	ng	# 1
24) Pentachlorophenol	16.776	266	21	0.28	ng	# 82
25) Phenanthrene	17.129	178	8281	0.03	ng	# 86
34) Bis(2-ethylhexyl)phtha...	21.219	149	13854	0.10	ng	99

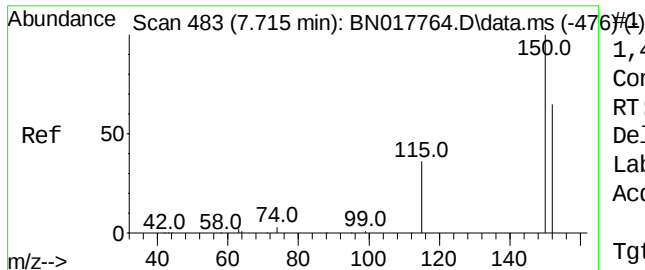
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120821\
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Response via : Initial Calibration





1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 7.715 min Scan# 4

Delta R.T. -0.000 min

Lab File: BN017825.D

Acq: 09 Dec 2021 08:10

Instrument :

BNA_N

ClientSampleId :

DUP04-20211130

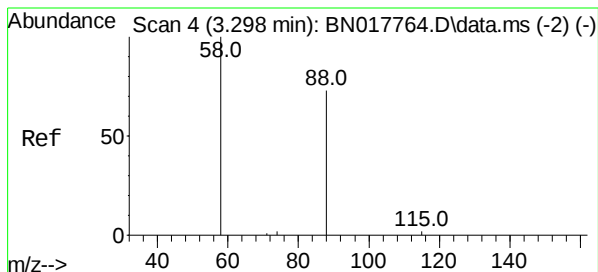
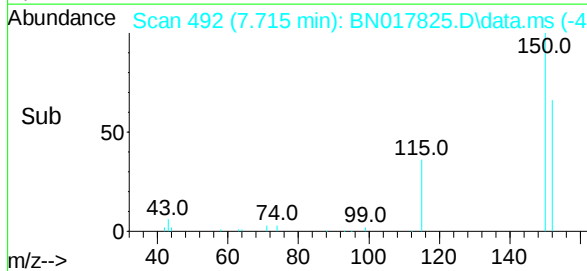
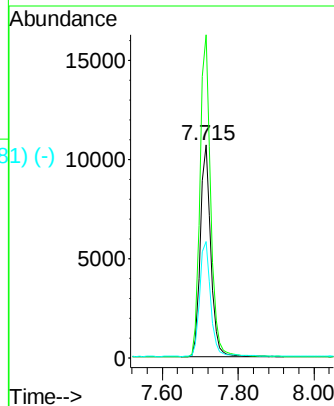
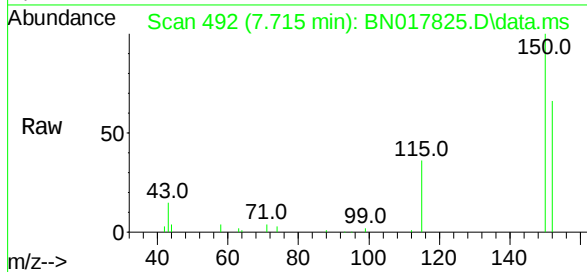
Tgt Ion:152 Resp: 20844

Ion Ratio Lower Upper

152 100

150 151.8 123.0 184.4

115 54.7 45.3 67.9



#2

1,4-Dioxane

Concen: 13.70 ng

RT: 3.270 min Scan# 10

Delta R.T. -0.028 min

Lab File: BN017825.D

Acq: 09 Dec 2021 08:10

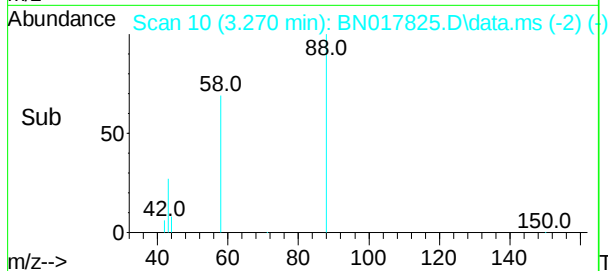
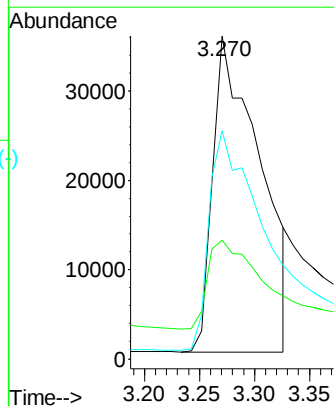
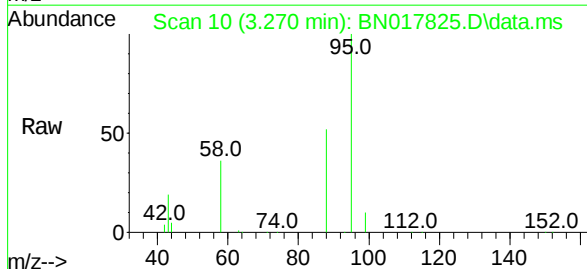
Tgt Ion: 88 Resp: 105109

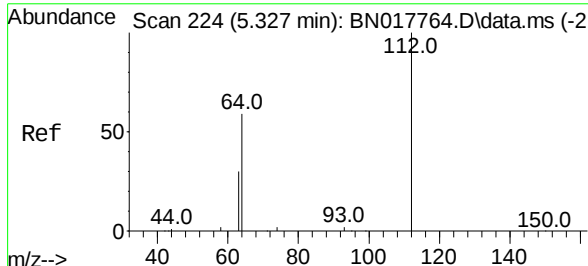
Ion Ratio Lower Upper

88 100

43 30.8 0.0 0.0#

58 74.0 0.0 0.0#





2-Fluorophenol

Concen: 0.11 ng

RT: 5.336 min Scan# 1

Delta R.T. 0.009 min

Lab File: BN017825.D

Acq: 09 Dec 2021 08:10

Instrument :

BNA_N

ClientSampleId :

DUP04-20211130

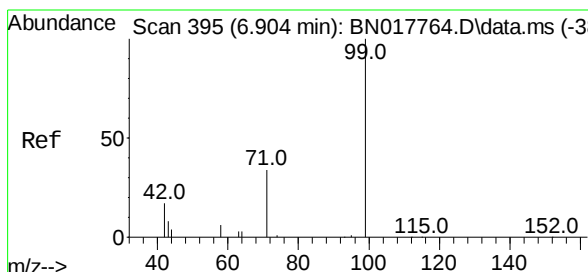
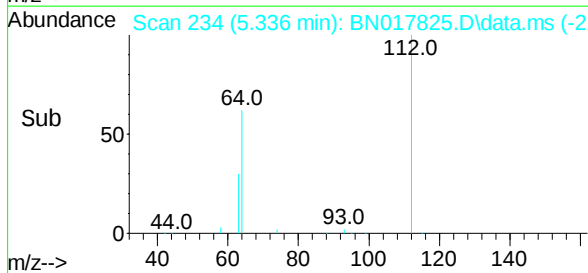
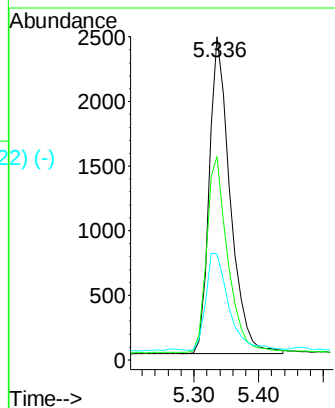
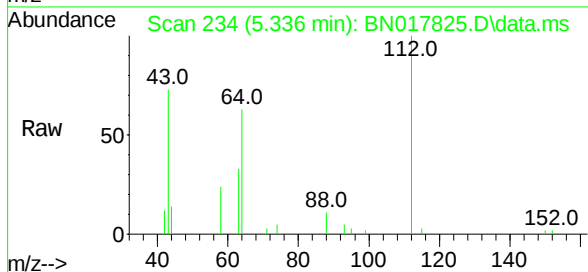
Tgt Ion:112 Resp: 5489

Ion Ratio Lower Upper

112 100

64 62.3 49.3 73.9

63 33.6 25.8 38.8



Phenol-d6

Concen: 0.06 ng

RT: 6.903 min Scan# 404

Delta R.T. -0.000 min

Lab File: BN017825.D

Acq: 09 Dec 2021 08:10

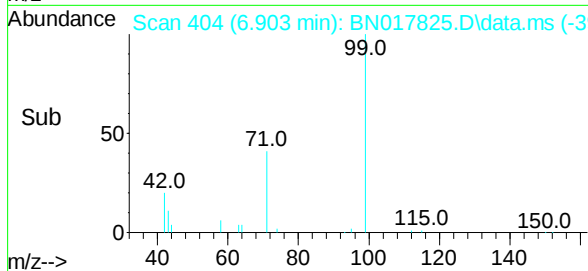
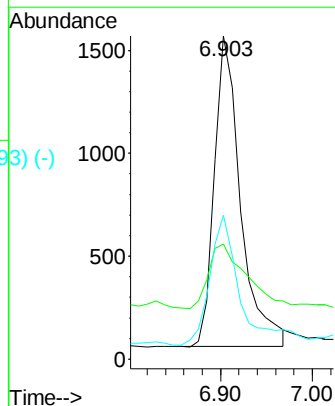
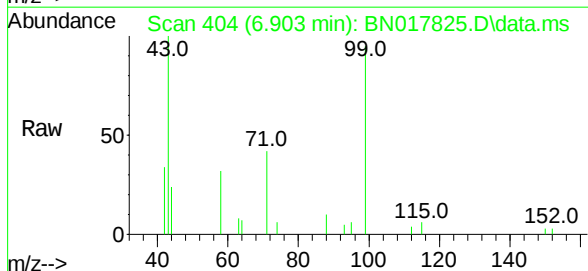
Tgt Ion: 99 Resp: 2995

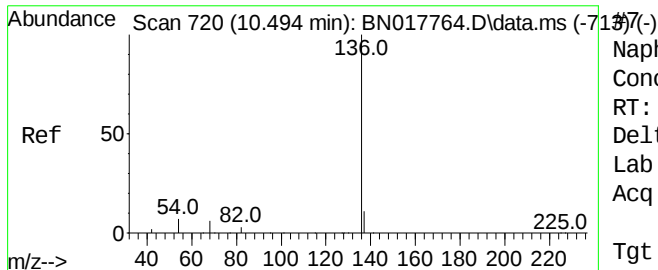
Ion Ratio Lower Upper

99 100

42 29.8 16.6 25.0#

71 45.2 29.0 43.4#





Naphthalene-d8

Concen: 0.40 ng

RT: 10.494 min Scan#

Delta R.T. -0.000 min

Lab File: BN017825.D

Acq: 09 Dec 2021 08:10

Instrument :

BNA_N

ClientSampleId :

DUP04-20211130

Tgt Ion:136 Resp: 83160

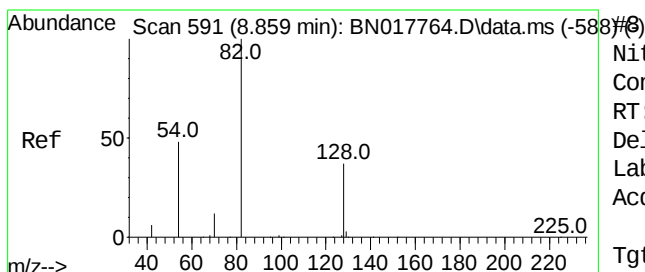
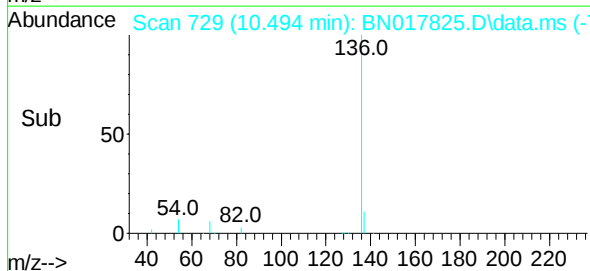
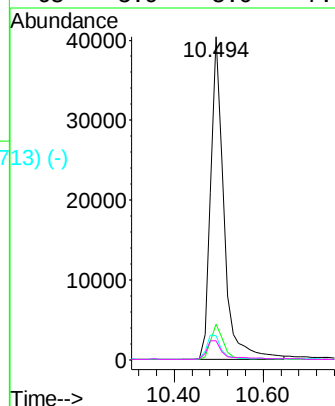
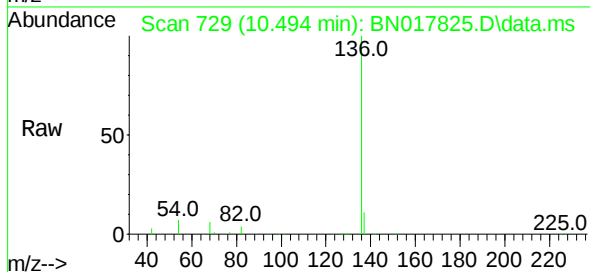
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 7.4 5.9 8.9

68 5.9 5.0 7.6



Nitrobenzene-d5

Concen: 0.25 ng

RT: 8.859 min Scan# 600

Delta R.T. -0.000 min

Lab File: BN017825.D

Acq: 09 Dec 2021 08:10

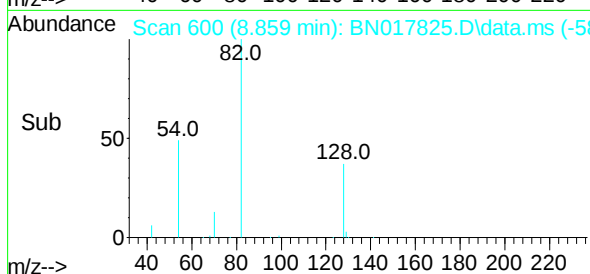
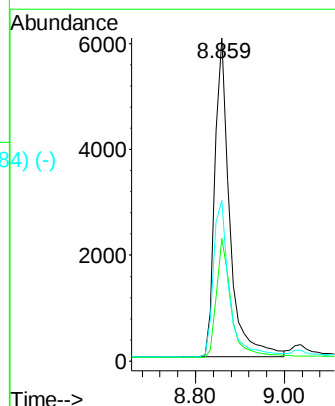
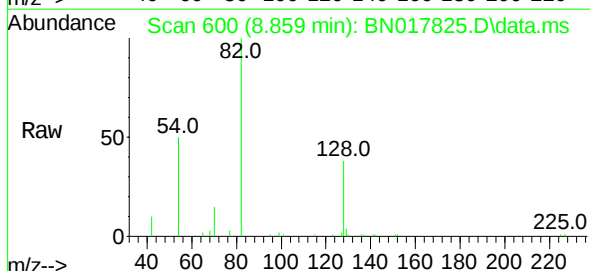
Tgt Ion: 82 Resp: 13903

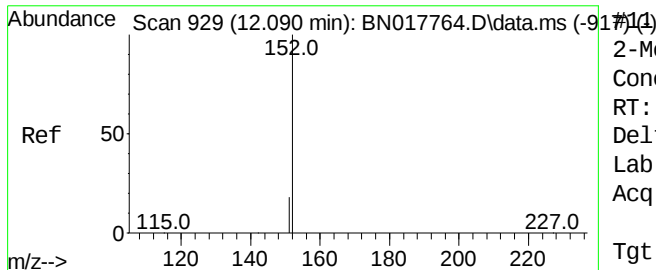
Ion Ratio Lower Upper

82 100

128 38.0 30.2 45.2

54 49.7 39.0 58.6

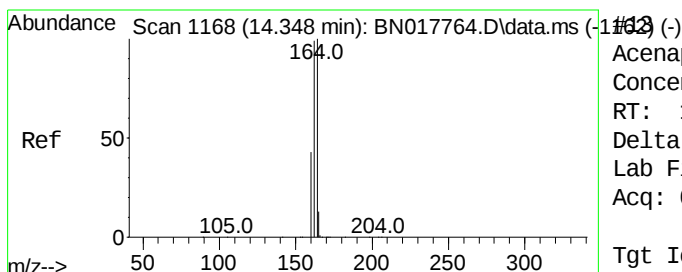
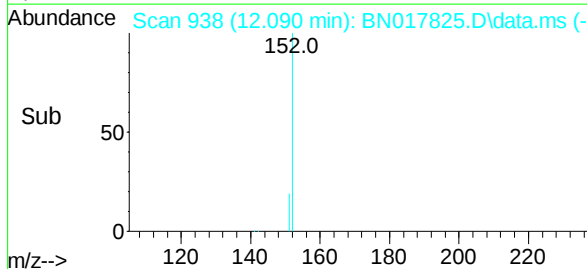
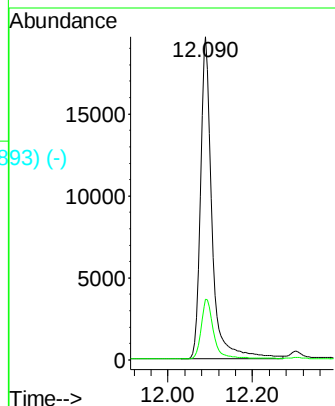
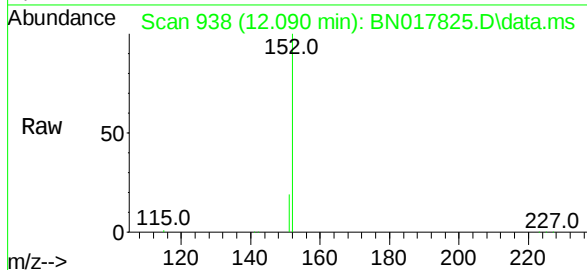




2-Methylnaphthalene-d10
Concen: 0.23 ng
RT: 12.090 min Scan# 929
Delta R.T. -0.000 min
Lab File: BN017825.D
Acq: 09 Dec 2021 08:10

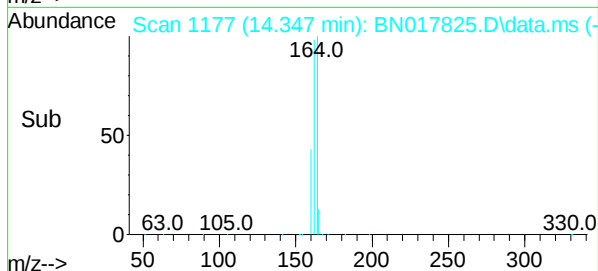
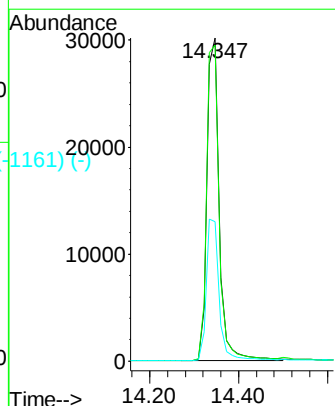
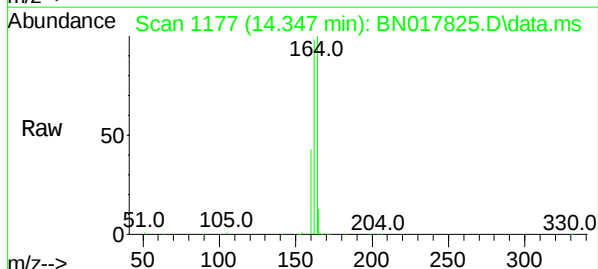
Instrument :
BNA_N
ClientSampleId :
DUP04-20211130

Tgt Ion:152 Resp: 38049
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: BN017825.D
Acq: 09 Dec 2021 08:10

Tgt Ion:164 Resp: 57894
Ion Ratio Lower Upper
164 100
162 97.9 79.0 118.6
160 43.2 34.6 52.0



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

2,4,6-Tribromophenol

Concen: 0.12 ng

RT: 15.844 min Scan# 1286

Delta R.T. -0.000 min

Lab File: BN017825.D

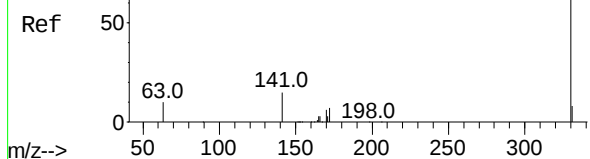
Acq: 09 Dec 2021 08:10

Instrument :

BNA_N

ClientSampleId :

DUP04-20211130



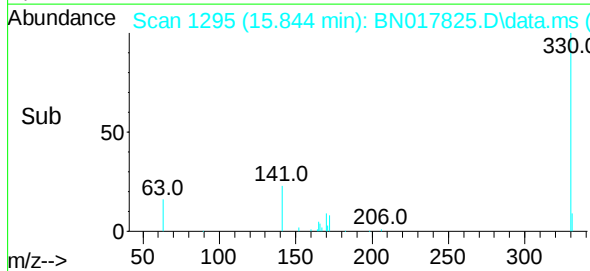
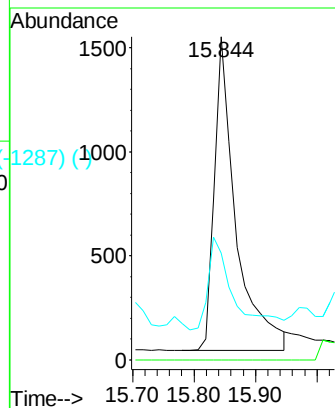
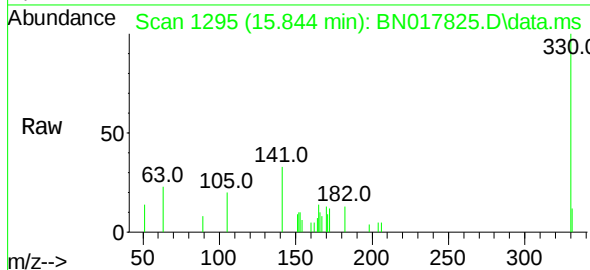
Tgt Ion:330 Resp: 3674

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 34.2 21.5 32.3#



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

2-Fluorobiphenyl

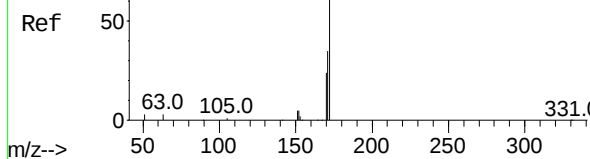
Concen: 0.28 ng

RT: 12.964 min Scan# 1068

Delta R.T. -0.000 min

Lab File: BN017825.D

Acq: 09 Dec 2021 08:10



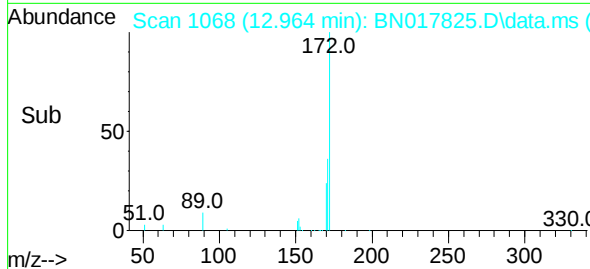
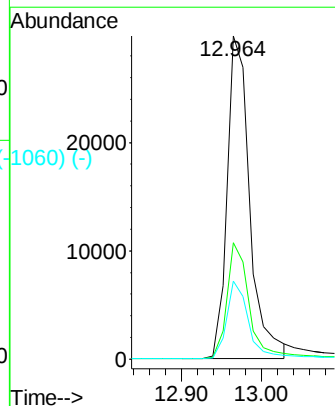
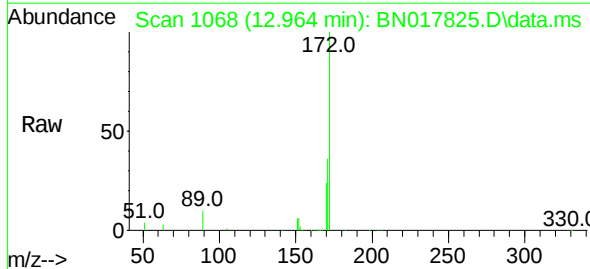
Tgt Ion:172 Resp: 59166

Ion Ratio Lower Upper

172 100

171 36.0 28.1 42.1

170 24.2 18.9 28.3



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

Phenanthrene-d10

Concen: 0.40 ng

RT: 17.092 min Scan# 1388

Delta R.T. -0.000 min

Lab File: BN017825.D

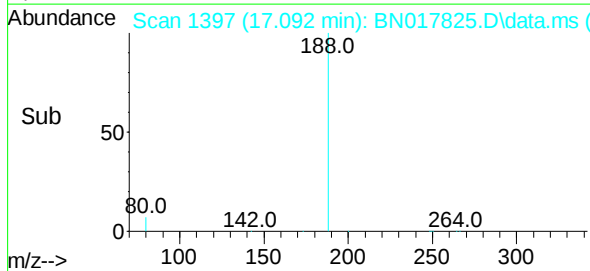
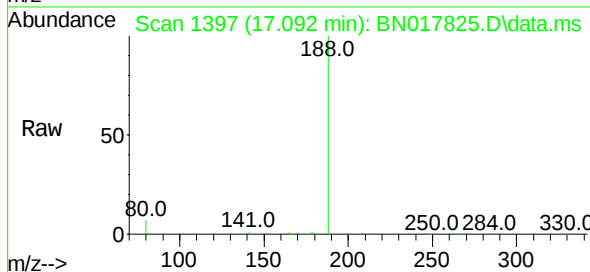
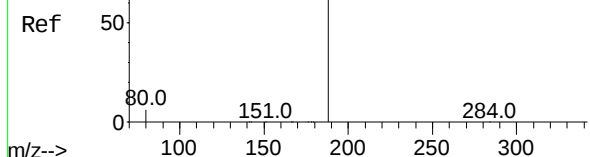
Acq: 09 Dec 2021 08:10

Instrument :

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DUP04-20211130



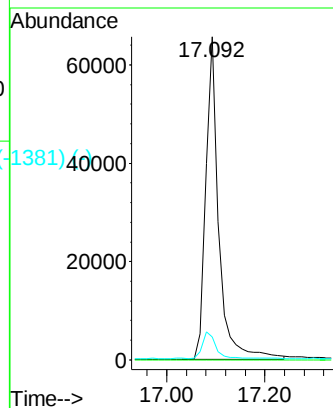
Tgt Ion:188 Resp: 120936

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 7.2 5.1 7.7



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

4,6-Dinitro-2-methylphenol

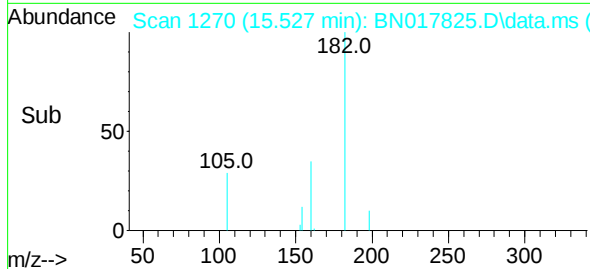
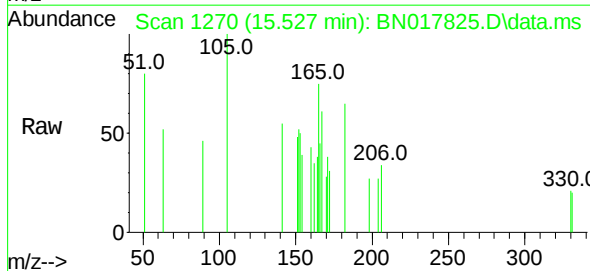
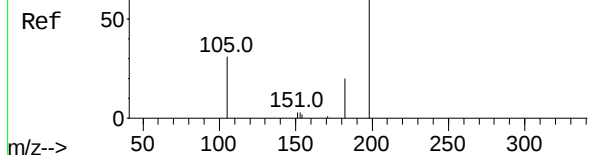
Concen: 0.10 ng

RT: 15.527 min Scan# 1270

Delta R.T. 0.038 min

Lab File: BN017825.D

Acq: 09 Dec 2021 08:10



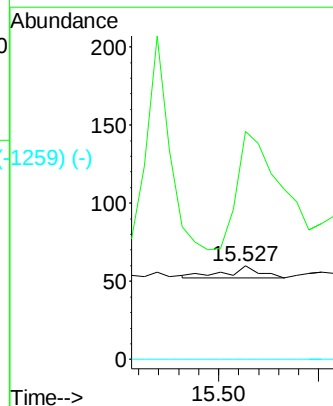
Tgt Ion:198 Resp: 19

Ion Ratio Lower Upper

198 100

182 243.3 44.2 66.2#

77 0.0 0.0 0.0



Abundance Scan 1361 (16.764 min): BN017764.D\data.ms (-1324) (-)

Pentachlorophenol

Concen: 0.28 ng

RT: 16.776 min Scan# 1324

Delta R.T. 0.012 min

Lab File: BN017825.D

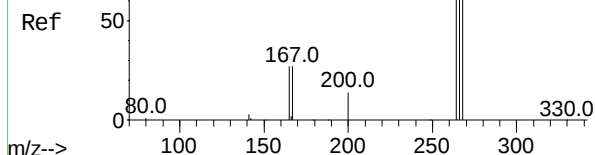
Acq: 09 Dec 2021 08:10

Instrument :

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DUP04-20211130



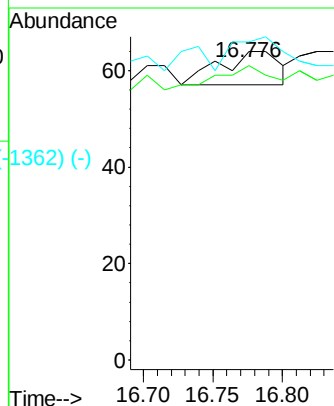
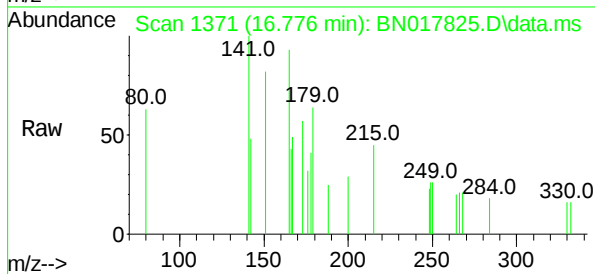
Tgt Ion:266 Resp: 21

Ion Ratio Lower Upper

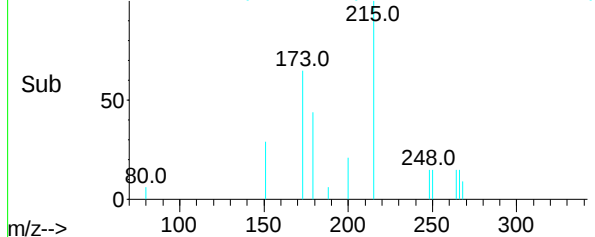
266 100

264 61.9 50.8 76.2

268 90.5 51.8 77.6#



Abundance Scan 1371 (16.776 min): BN017825.D\data.ms (-1362) (-)



Abundance Scan 1391 (17.129 min): BN017764.D\data.ms (-1325) (-)

Phenanthrene

Concen: 0.03 ng

RT: 17.129 min Scan# 1400

Delta R.T. -0.000 min

Lab File: BN017825.D

Acq: 09 Dec 2021 08:10

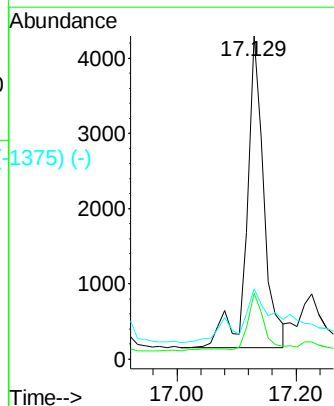
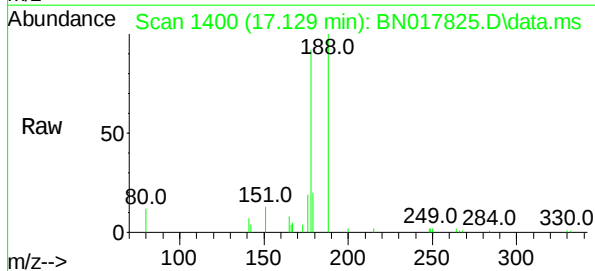
Tgt Ion:178 Resp: 8281

Ion Ratio Lower Upper

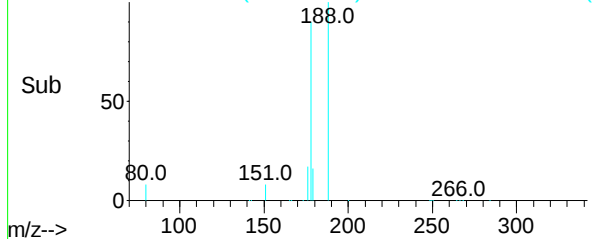
178 100

176 20.2 15.0 22.6

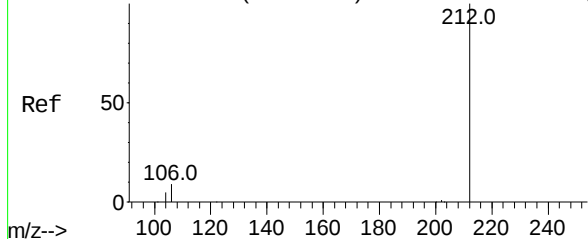
179 27.2 12.5 18.7#



Abundance Scan 1400 (17.129 min): BN017825.D\data.ms (-1375) (-)



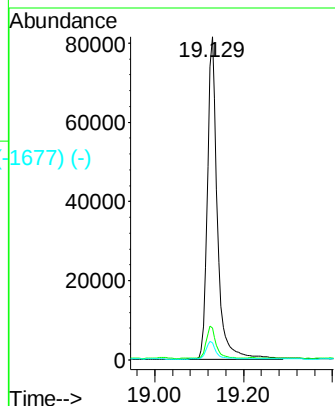
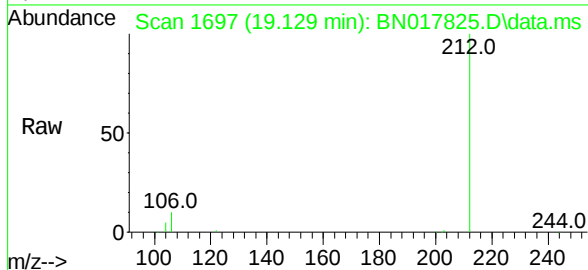
Abundance Scan 1688 (19.130 min): BN017764.D\data.ms (-1625) (-)



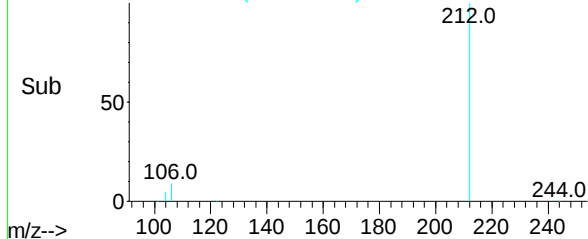
Fluoranthene-d10
Concen: 0.32 ng
RT: 19.129 min Scan# 1625
Delta R.T. -0.000 min
Lab File: BN017825.D
Acq: 09 Dec 2021 08:10

Instrument :
BNA_N
ClientSampleId :
DUP04-20211130

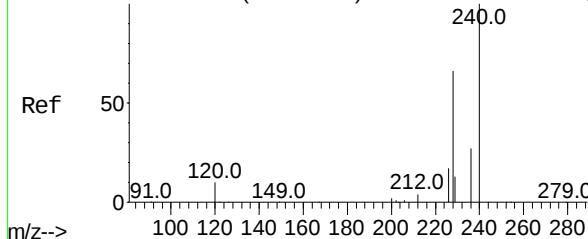
Tgt Ion:212 Resp: 128109
Ion Ratio Lower Upper
212 100
106 9.7 8.2 12.2
104 5.7 4.6 6.8



Abundance Scan 1697 (19.129 min): BN017825.D\data.ms (-1677) (-)

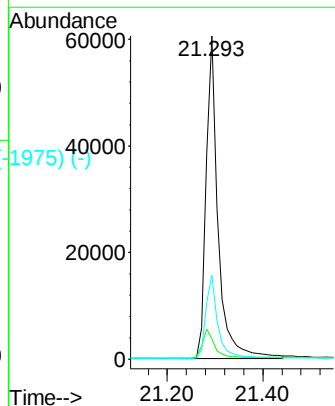
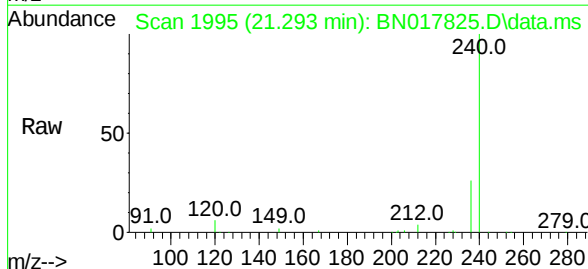


Abundance Scan 1985 (21.283 min): BN017764.D\data.ms (-1929) (-)

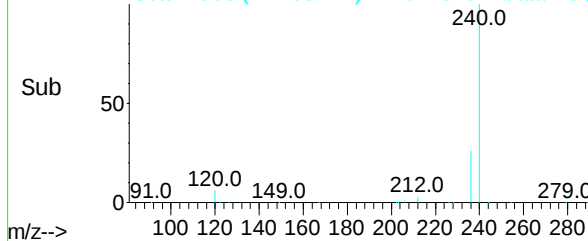


Chrysene-d12
Concen: 0.40 ng
RT: 21.293 min Scan# 1995
Delta R.T. 0.010 min
Lab File: BN017825.D
Acq: 09 Dec 2021 08:10

Tgt Ion:240 Resp: 104442
Ion Ratio Lower Upper
240 100
120 6.3 7.9 11.9#
236 26.0 21.4 32.2



Abundance Scan 1995 (21.293 min): BN017825.D\data.ms (-1975) (-)



Abundance Scan 1810 (19.735 min): BN017764.D\data.ms (-1781) (-)

Terphenyl-d14

Concen: 0.46 ng

RT: 19.735 min Scan# 1810

Delta R.T. -0.000 min

Lab File: BN017825.D

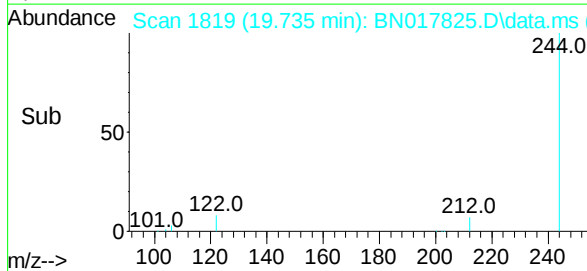
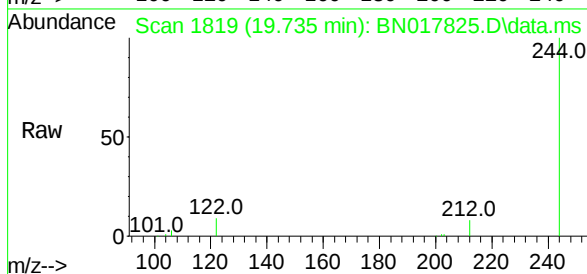
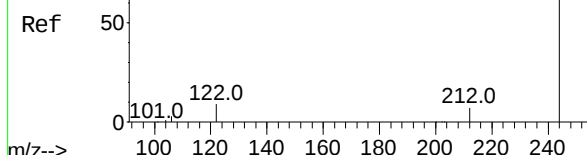
Acq: 09 Dec 2021 08:10

Instrument :

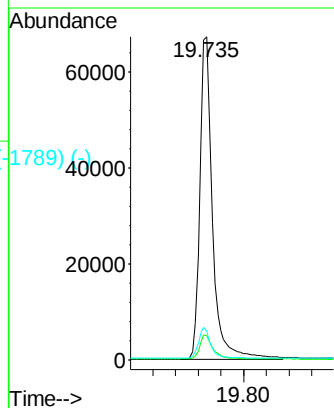
BN017825.D

ClientSampleId :

DUP04-20211130



Tgt Ion:	244	Resp:	103988
Ion Ratio	Lower	Upper	
244	100		
212	7.6	5.8	8.8
122	8.9	7.1	10.7



Abundance Scan 1979 (21.219 min): BN017764.D\data.ms (-1782) (-)

Bis(2-ethylhexyl)phthalate

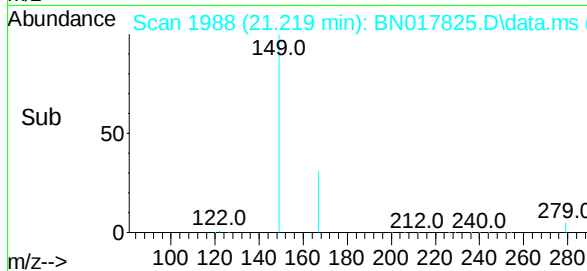
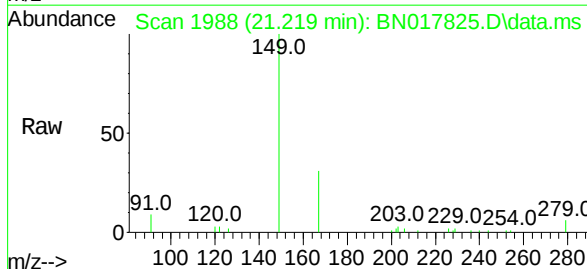
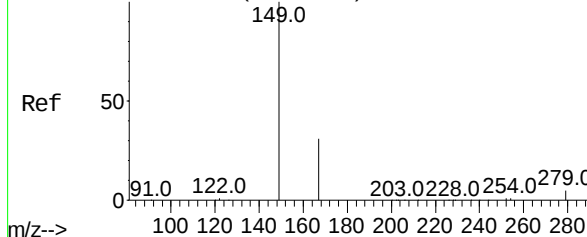
Concen: 0.10 ng

RT: 21.219 min Scan# 1988

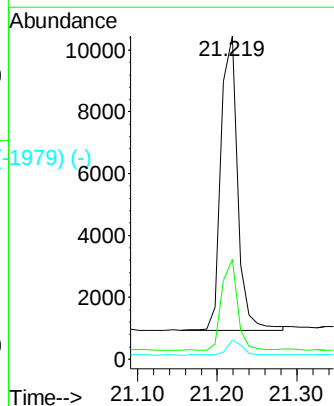
Delta R.T. -0.000 min

Lab File: BN017825.D

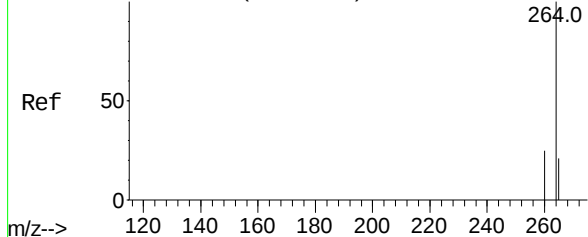
Acq: 09 Dec 2021 08:10



Tgt Ion:	149	Resp:	13854
Ion Ratio	Lower	Upper	
149	100		
167	28.6	23.5	35.3
279	4.5	3.8	5.6



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



Perylene-d12

Concen: 0.40 ng

RT: 23.589 min Scan# 1

Delta R.T. 0.006 min

Lab File: BN017825.D

Acq: 09 Dec 2021 08:10

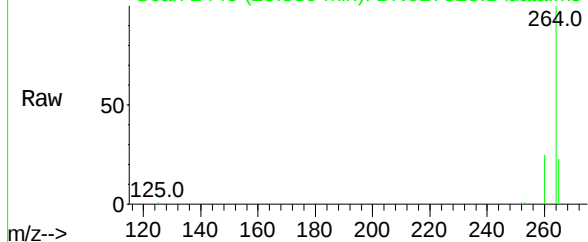
Instrument :

BNA_N

ClientSampleId :

DUP04-20211130

Abundance Scan 2445 (23.589 min): BN017825.D\data.ms



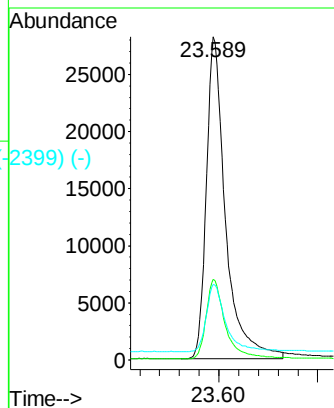
Tgt Ion:264 Resp: 76112

Ion Ratio Lower Upper

264 100

260 24.9 20.0 30.0

265 23.3 20.5 30.7



Abundance Scan 2445 (23.589 min): BN017825.D\data.ms (-2399) (-)

