

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120821\
 Data File : BN017824.D
 Acq On : 09 Dec 2021 07:35
 Operator : CG/JU
 Sample : M4922-12
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP02-20211130

Quant Time: Dec 10 01:52:06 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)

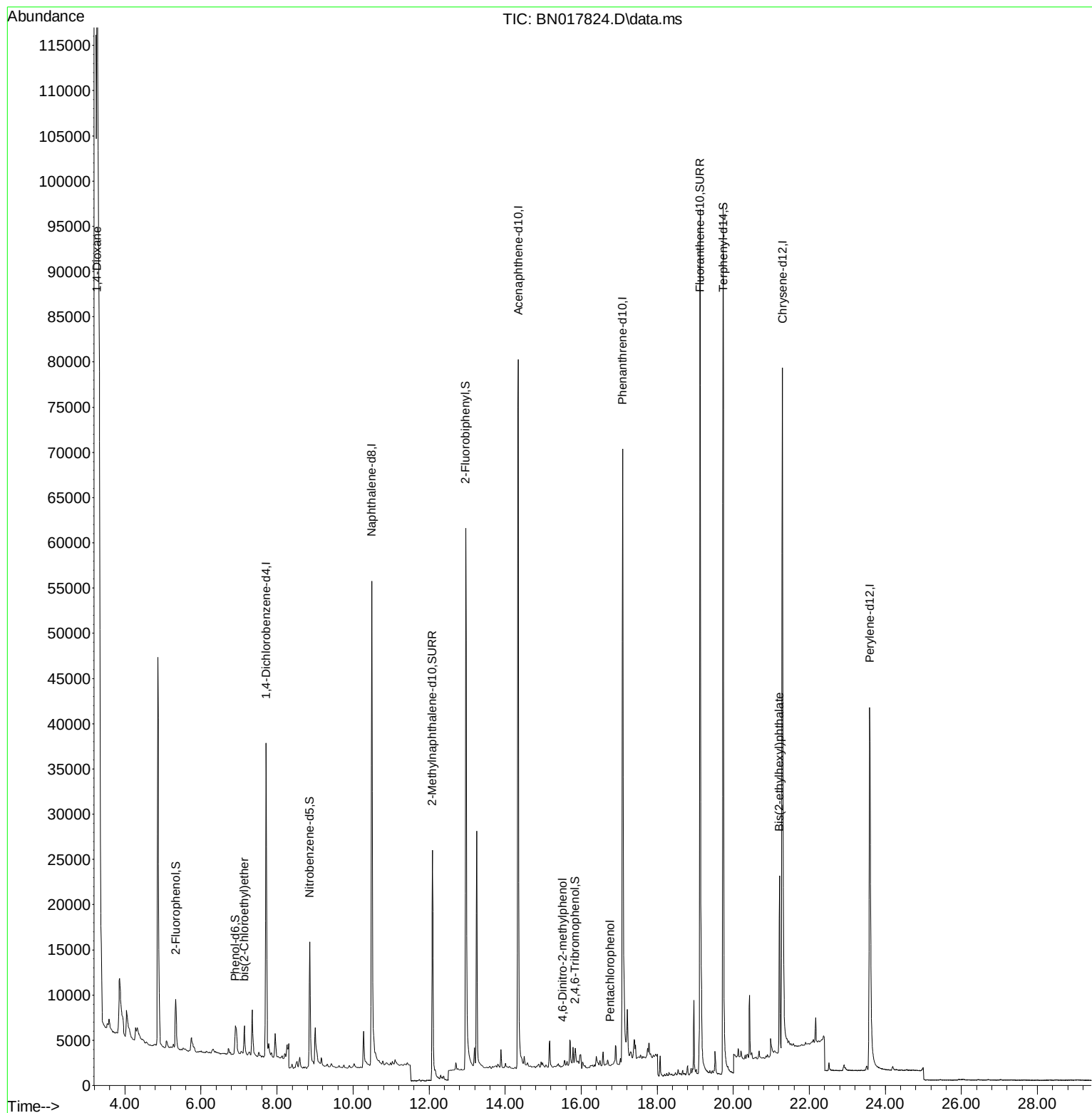
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.714	152	20974	0.40	ng	0.00
7) Naphthalene-d8	10.494	136	83810	0.40	ng	0.00
13) Acenaphthene-d10	14.347	164	58193	0.40	ng	0.00
19) Phenanthrene-d10	17.092	188	122187	0.40	ng	0.00
29) Chrysene-d12	21.293	240	102365	0.40	ng	# 0.00
35) Perylene-d12	23.589	264	74846	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.335	112	6024	0.12	ng	0.00
5) Phenol-d6	6.903	99	3247	0.07	ng	0.00
8) Nitrobenzene-d5	8.859	82	14927	0.27	ng	0.00
11) 2-Methylnaphthalene-d10	12.089	152	41957	0.25	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	2323	0.08	ng	0.00
15) 2-Fluorobiphenyl	12.964	172	64020	0.30	ng	0.00
27) Fluoranthene-d10	19.129	212	133707	0.33	ng	0.00
31) Terphenyl-d14	19.735	244	122187	0.56	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.270	88	64724	8.38	ng	# 100
6) bis(2-Chloroethyl)ether	7.143	93	2835	0.05	ng	97
20) 4,6-Dinitro-2-methylph...	15.514	198	2	0.08	ng	# 7
24) Pentachlorophenol	16.763	266	9	0.28	ng	# 18
34) Bis(2-ethylhexyl)phtha...	21.218	149	19791	0.14	ng	100

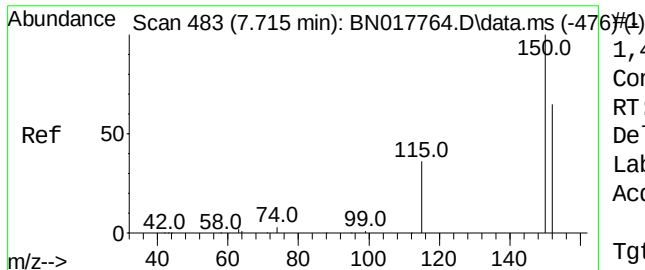
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 7.714 min Scan# 4

Delta R.T. -0.001 min

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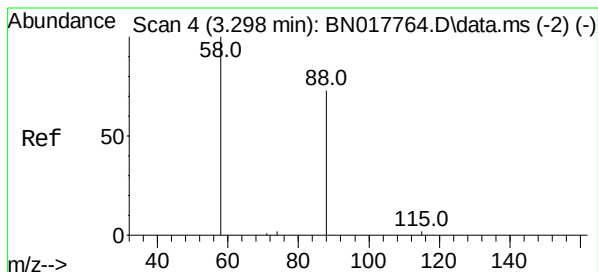
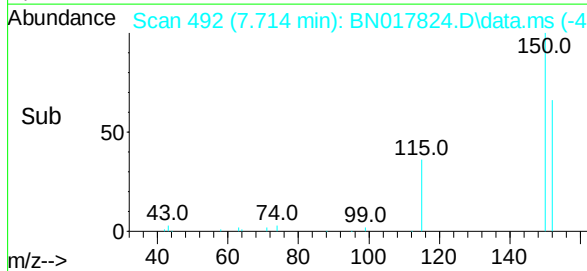
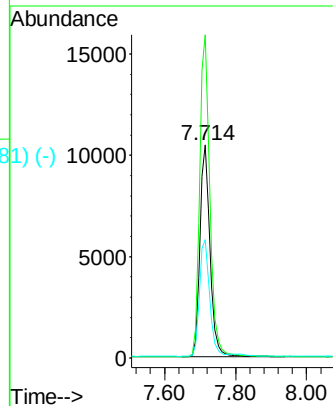
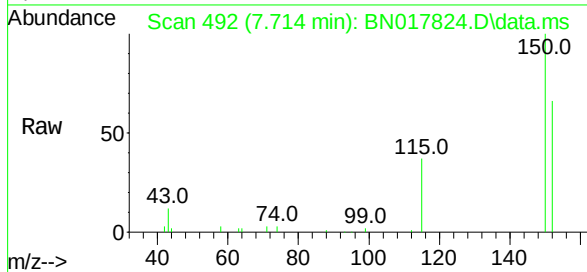
Tgt Ion:152 Resp: 20974

Ion Ratio Lower Upper

152 100

150 151.7 123.0 184.4

115 55.7 45.3 67.9



#2

1,4-Dioxane

Concen: 8.38 ng

RT: 3.270 min Scan# 10

Delta R.T. -0.028 min

Lab File: BN017824.D

Acq: 09 Dec 2021 07:35

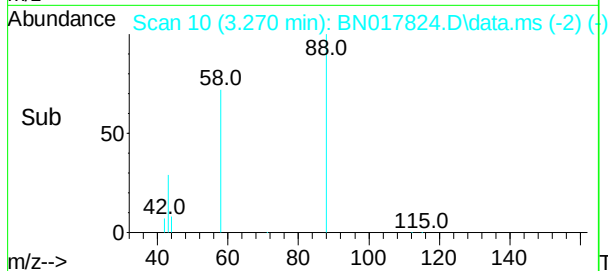
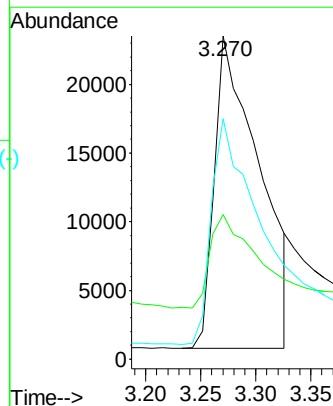
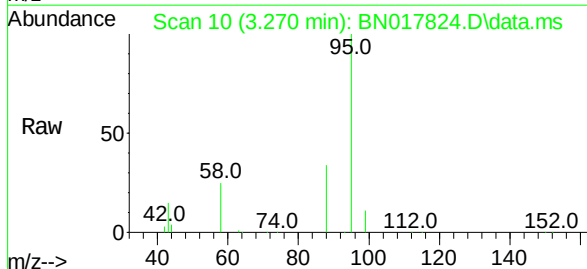
Tgt Ion: 88 Resp: 64724

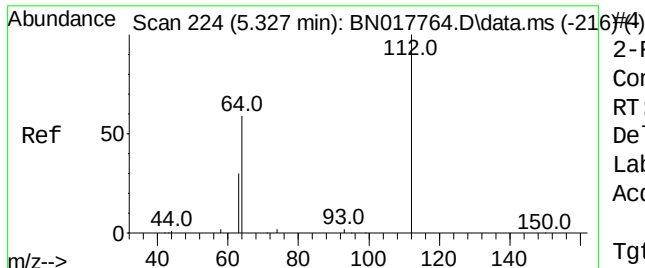
Ion Ratio Lower Upper

88 100

43 30.4 0.0 0.0#

58 73.8 0.0 0.0#





2-Fluorophenol

Concen: 0.12 ng

RT: 5.335 min Scan# 4

Delta R.T. 0.009 min

Lab File: BN017824.D

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DUP02-20211130

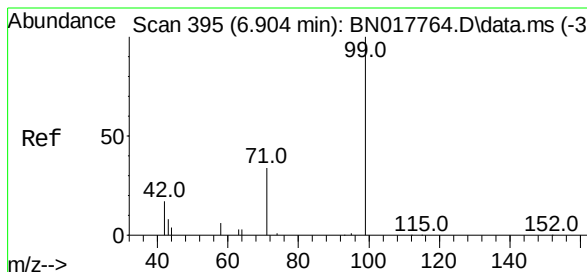
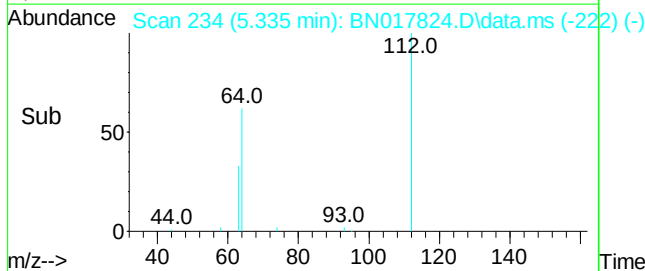
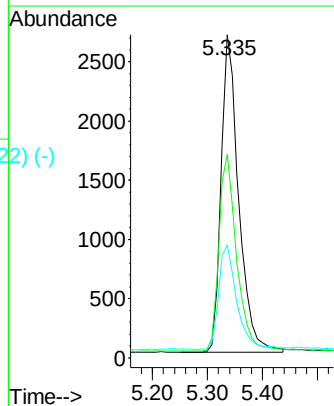
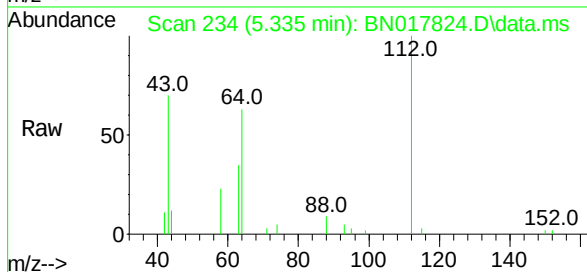
Tgt Ion:112 Resp: 6024

Ion Ratio Lower Upper

112 100

64 62.2 49.3 73.9

63 33.8 25.8 38.8



Phenol-d6

Concen: 0.07 ng

RT: 6.903 min Scan# 404

Delta R.T. -0.001 min

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Acq: 09 Dec 2021 07:35

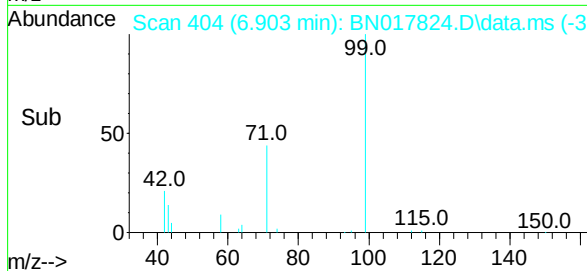
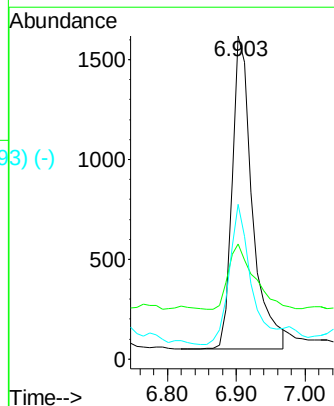
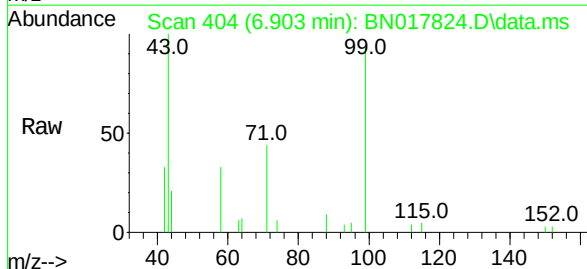
Tgt Ion: 99 Resp: 3247

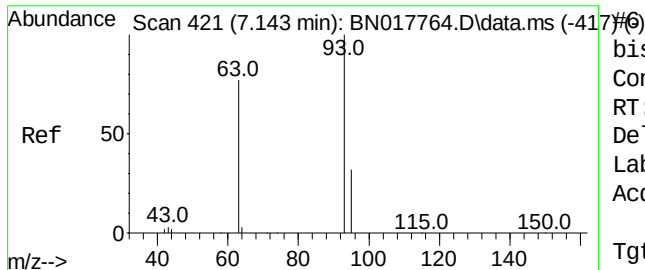
Ion Ratio Lower Upper

99 100

42 25.7 16.6 25.0#

71 48.1 29.0 43.4#

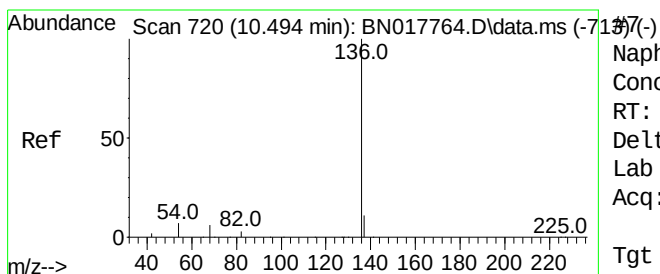
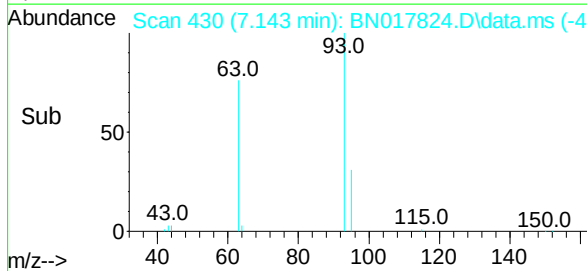
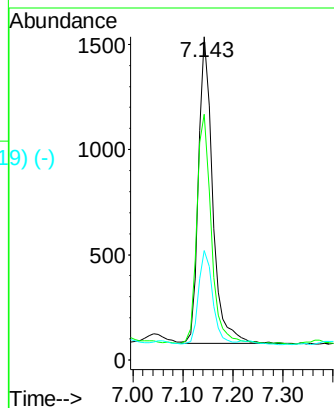
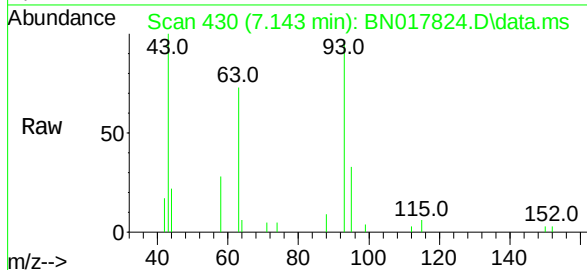




bis(2-Chloroethyl)ether
 Concen: 0.05 ng
 RT: 7.143 min Scan# 417
 Delta R.T. -0.001 min
 Lab File: BN017824.D
 Acq: 09 Dec 2021 07:35

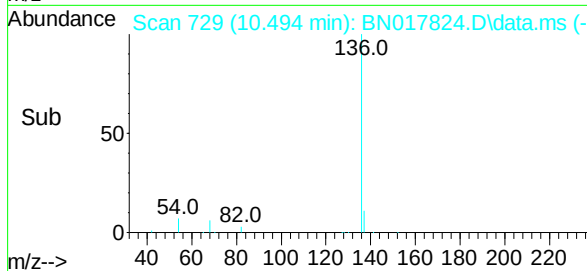
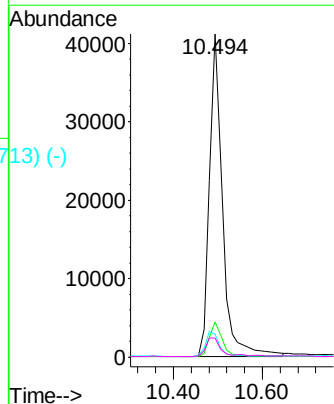
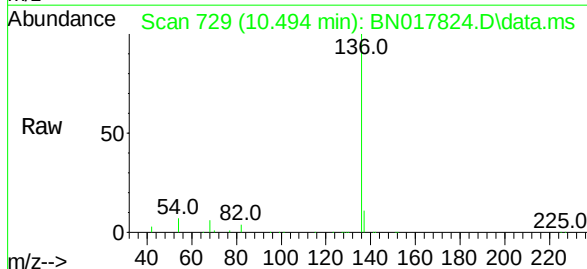
Instrument :
 BNA_N
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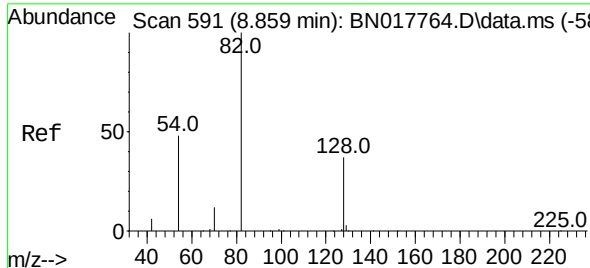
Tgt Ion:	93	Resp:	2835
Ion	Ratio	Lower	Upper
93	100		
63	75.9	62.0	93.0
95	30.5	26.4	39.6



Naphthalene-d8
 Concen: 0.40 ng
 RT: 10.494 min Scan# 720
 Delta R.T. -0.001 min
 Lab File: BN017824.D
 Acq: 09 Dec 2021 07:35

Tgt Ion:	136	Resp:	83810
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.2	5.9	8.9
68	5.9	5.0	7.6





Nitrobenzene-d5

Concen: 0.27 ng

RT: 8.859 min Scan# 600

Delta R.T. -0.001 min

Lab File: BN017824.D

Acq: 09 Dec 2021 07:35

Instrument :

BNA_N

ClientSampleId :

DUP02-20211130

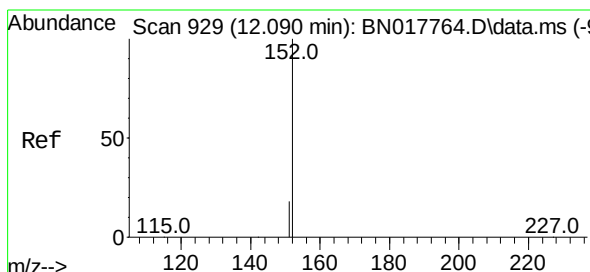
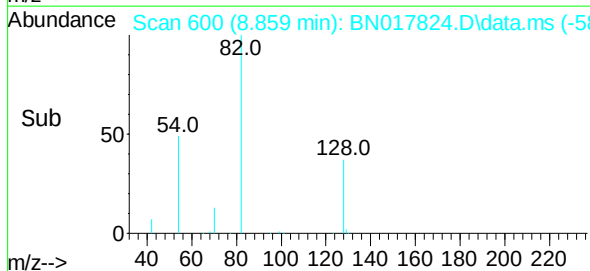
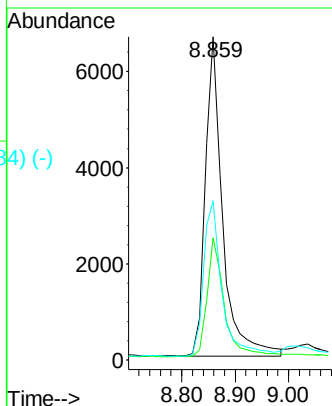
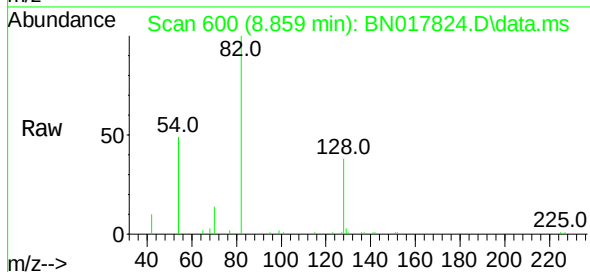
Tgt Ion: 82 Resp: 14927

Ion Ratio Lower Upper

82 100

128 37.8 30.2 45.2

54 49.3 39.0 58.6



2-Methylnaphthalene-d10

Concen: 0.25 ng

RT: 12.089 min Scan# 938

Delta R.T. -0.001 min

Lab File: BN017824.D

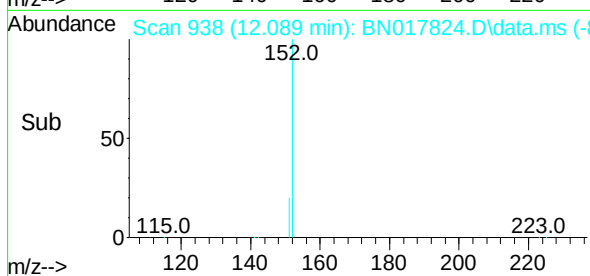
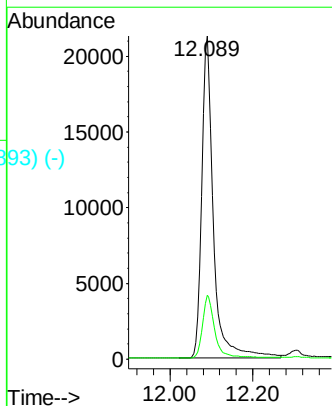
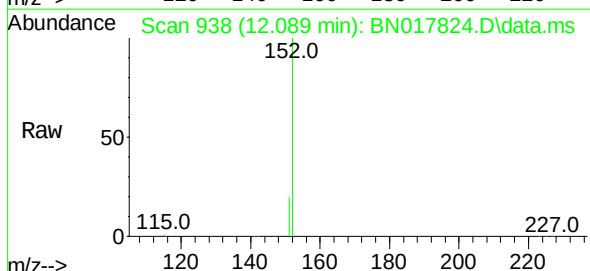
Acq: 09 Dec 2021 07:35

Tgt Ion: 152 Resp: 41957

Ion Ratio Lower Upper

152 100

151 20.7 16.4 24.6



Abundance Scan 1168 (14.348 min): BN017764.D\data.ms (-1168) (-)

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.347 min Scan# 1168

Delta R.T. -0.001 min

Lab File: BN017824.D

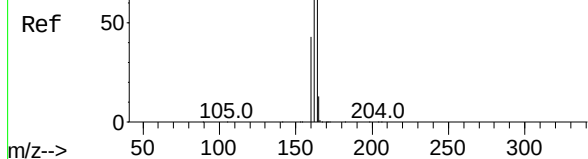
Acq: 09 Dec 2021 07:35

Instrument :

BNA_N

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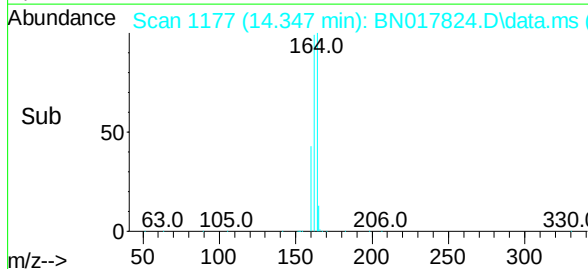
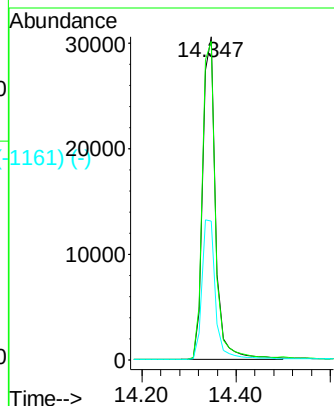
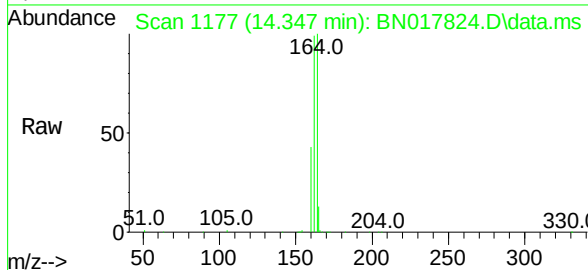
Tgt Ion:164 Resp: 58193

Ion Ratio Lower Upper

164 100

162 98.6 79.0 118.6

160 43.0 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# 1295

Delta R.T. -0.001 min

Lab File: BN017824.D

Acq: 09 Dec 2021 07:35

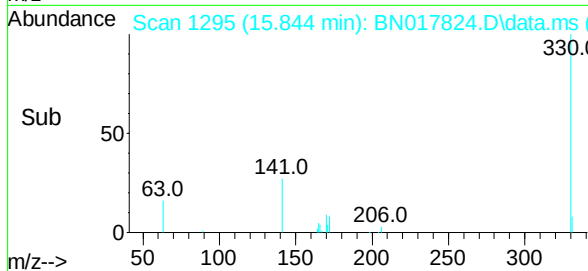
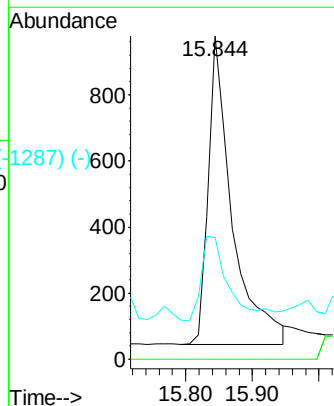
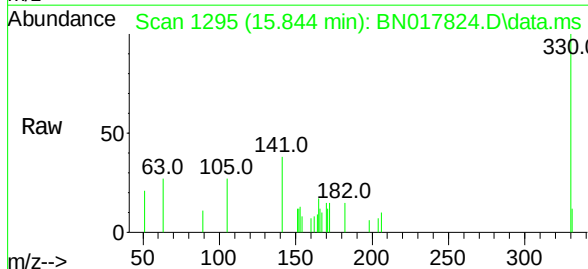
Tgt Ion:330 Resp: 2323

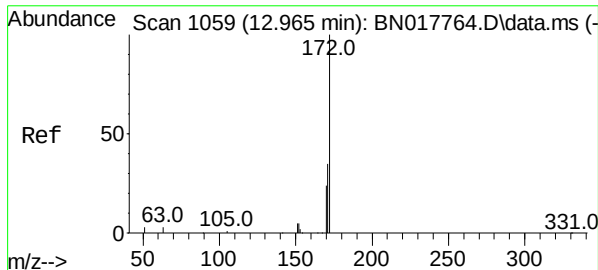
Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 31.9 21.5 32.3

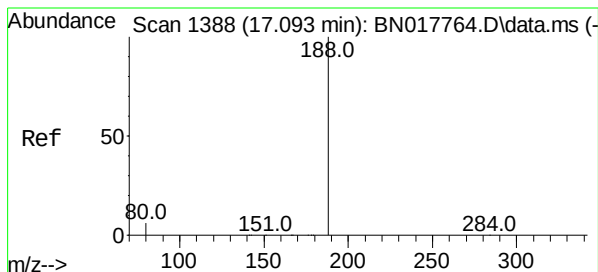
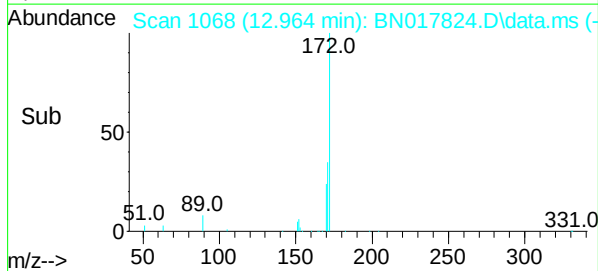
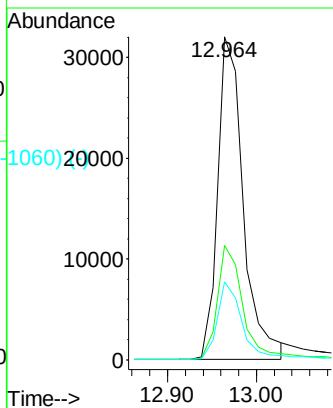
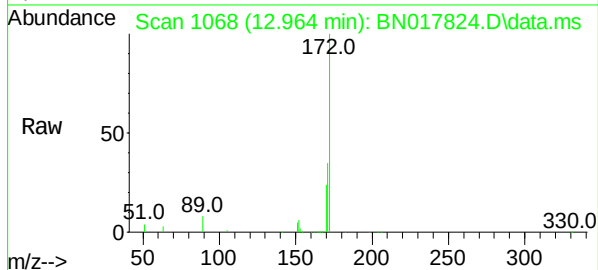




Scan 1059 (12.965 min): BN017764.D\data.ms (-1035)
 2-Fluorobiphenyl
 Concen: 0.30 ng
 RT: 12.964 min Scan# 1068
 Delta R.T. -0.001 min
 Lab File: BN017824.D
 Acq: 09 Dec 2021 07:35

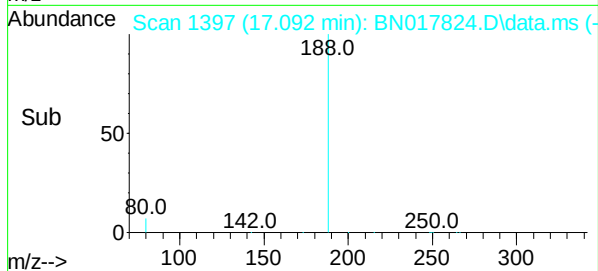
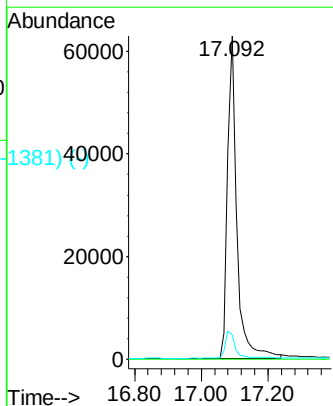
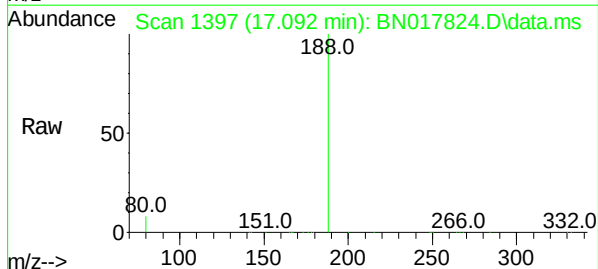
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Tgt Ion:	172	Resp:	64020
Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.1	42.1
170	24.1	18.9	28.3



Scan 1388 (17.093 min): BN017764.D\data.ms (-1310)
 Phenanthrene-d10
 Concen: 0.40 ng
 RT: 17.092 min Scan# 1397
 Delta R.T. -0.001 min
 Lab File: BN017824.D
 Acq: 09 Dec 2021 07:35

Tgt Ion:	188	Resp:	122187
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.5	5.1	7.7



Abundance Scan 1258 (15.489 min): BN017764.D\data.ms (-1259) (-)

4,6-Dinitro-2-methylphenol

Concen: 0.08 ng

RT: 15.514 min Scan# 1269

Delta R.T. 0.025 min

Lab File: BN017824.D

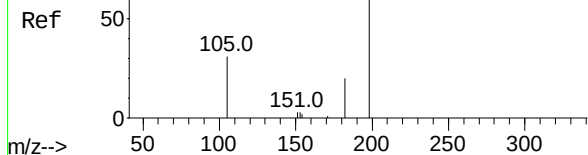
Acq: 09 Dec 2021 07:35

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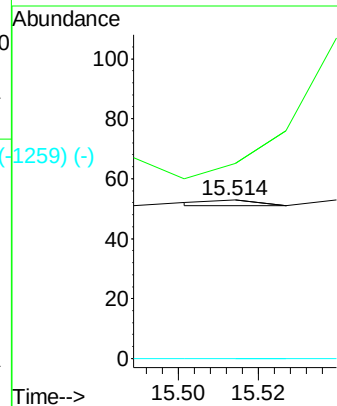
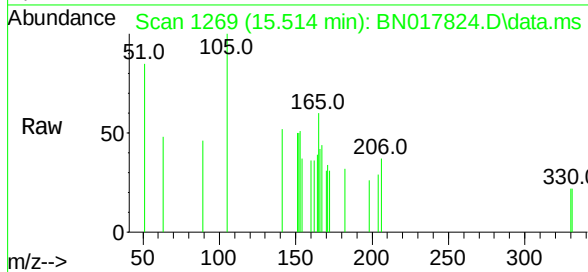
Tgt Ion:198 Resp: 2

Ion Ratio Lower Upper

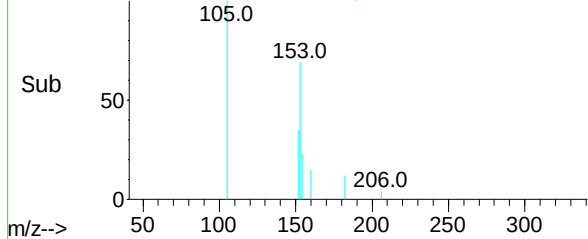
198 100

182 122.6 44.2 66.2#

77 0.0 0.0 0.0



Abundance Scan 1269 (15.514 min): BN017824.D\data.ms (-1259) (-)



Abundance Scan 1361 (16.764 min): BN017764.D\data.ms (-1362) (-)

Pentachlorophenol

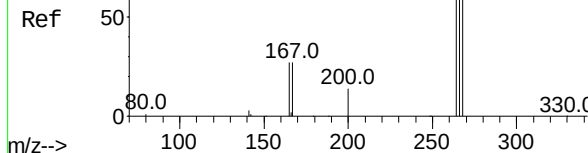
Concen: 0.28 ng

RT: 16.763 min Scan# 1370

Delta R.T. -0.001 min

Lab File: BN017824.D

Acq: 09 Dec 2021 07:35



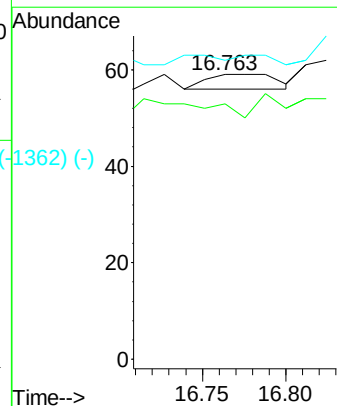
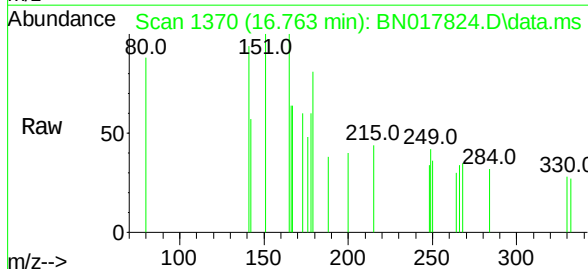
Tgt Ion:266 Resp: 9

Ion Ratio Lower Upper

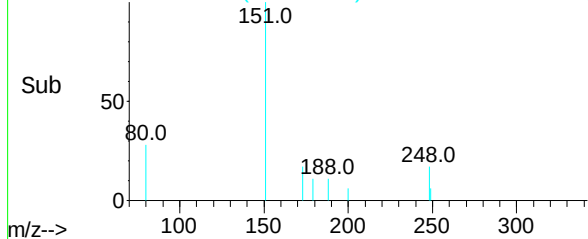
266 100

264 0.0 50.8 76.2#

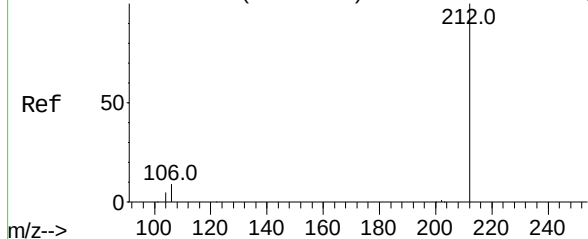
268 0.0 51.8 77.6#



Abundance Scan 1370 (16.763 min): BN017824.D\data.ms (-1362) (-)



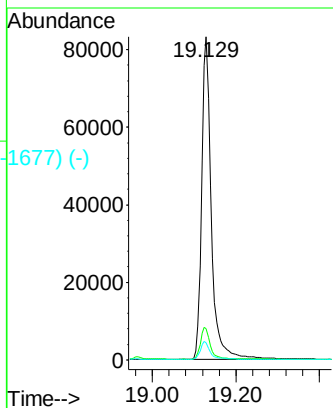
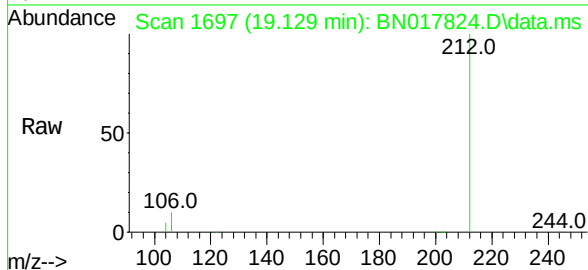
Abundance Scan 1688 (19.130 min): BN017764.D\data.ms (-1625) (-)



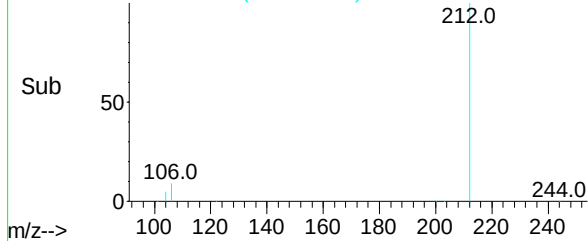
Fluoranthene-d10
Concen: 0.33 ng
RT: 19.129 min Scan# 1625
Delta R.T. -0.001 min
Lab File: BN017824.D
Acq: 09 Dec 2021 07:35

Instrument :
BNA_N
ClientSampleId :
DUP02-20211130

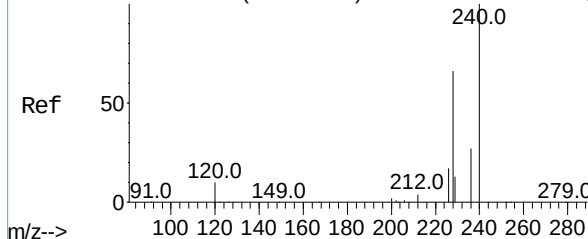
Tgt Ion:	212	Resp:	133707
Ion	Ratio	Lower	Upper
212	100		
106	9.8	8.2	12.2
104	5.7	4.6	6.8



Abundance Scan 1697 (19.129 min): BN017824.D\data.ms (-1677) (-)

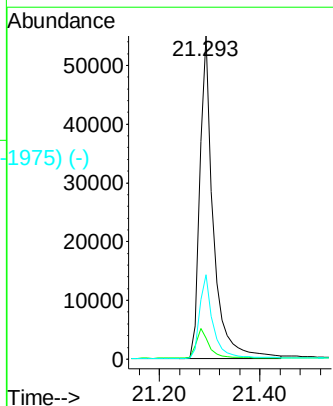
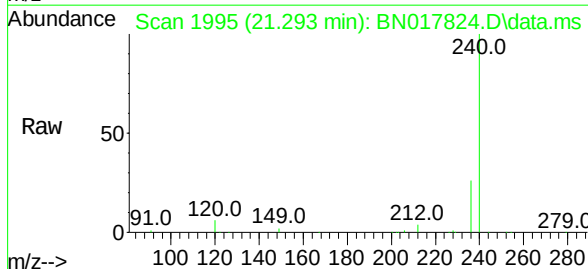


Abundance Scan 1985 (21.283 min): BN017764.D\data.ms (-1929) (-)

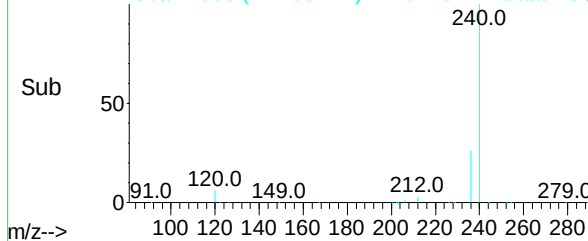


Chrysene-d12
Concen: 0.40 ng
RT: 21.293 min Scan# 1995
Delta R.T. 0.010 min
Lab File: BN017824.D
Acq: 09 Dec 2021 07:35

Tgt Ion:	240	Resp:	102365
Ion	Ratio	Lower	Upper
240	100		
120	6.5	7.9	11.9#
236	26.1	21.4	32.2



Abundance Scan 1995 (21.293 min): BN017824.D\data.ms (-1975) (-)



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

Terphenyl-d14

Concen: 0.56 ng

RT: 19.735 min Scan# 1810

Delta R.T. -0.001 min

Lab File: BN017824.D

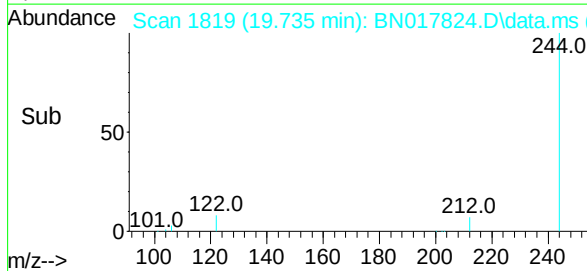
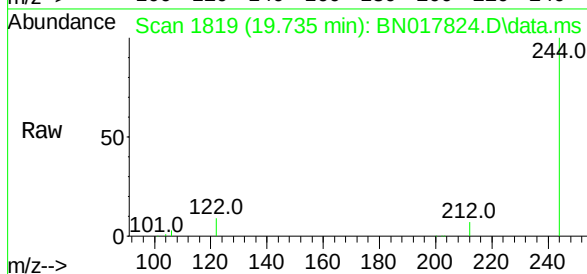
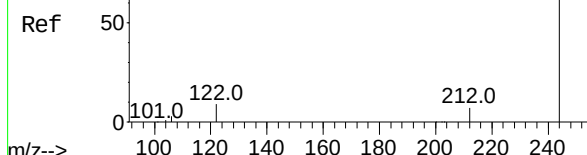
Acq: 09 Dec 2021 07:35

Instrument :

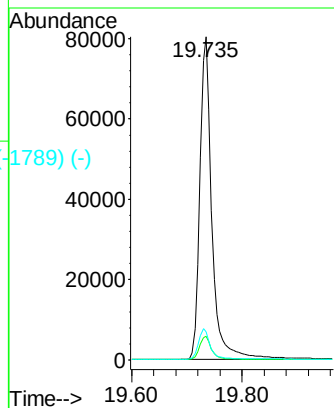
BNA_N

ClientSampleId :

DUP02-20211130



Tgt Ion:	244	Resp:	122187
Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	8.6	7.1	10.7



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

Bis(2-ethylhexyl)phthalate

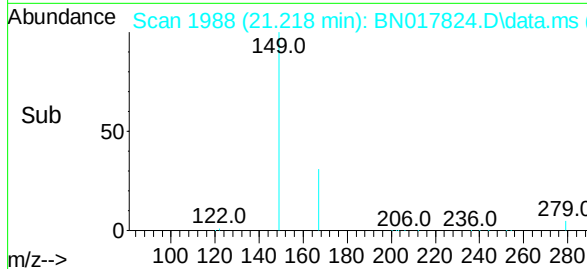
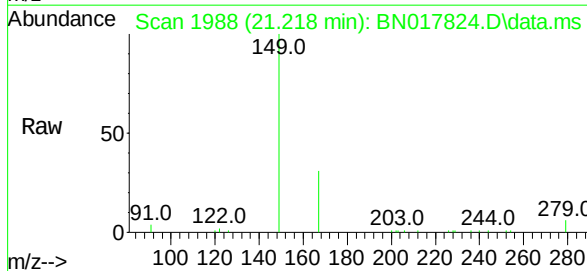
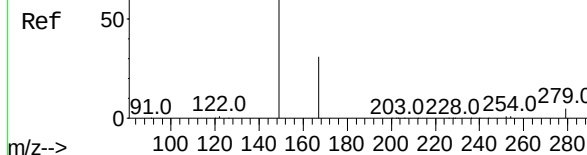
Concen: 0.14 ng

RT: 21.218 min Scan# 1988

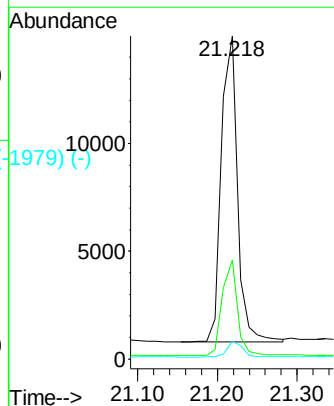
Delta R.T. -0.001 min

Lab File: BN017824.D

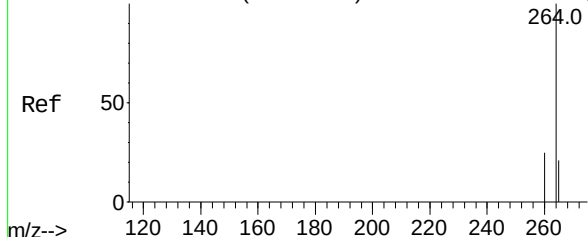
Acq: 09 Dec 2021 07:35



Tgt Ion:	149	Resp:	19791
Ion	Ratio	Lower	Upper
149	100		
167	29.5	23.5	35.3
279	4.9	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: BN017824.D

Acq: 09 Dec 2021 07:35

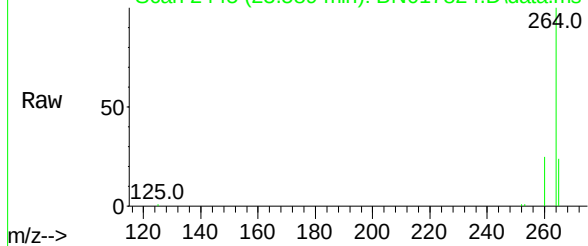
Instrument :

BNA_N

ClientSampleId :

DUP02-20211130

Abundance Scan 2445 (23.589 min): BN017824.D\data.ms



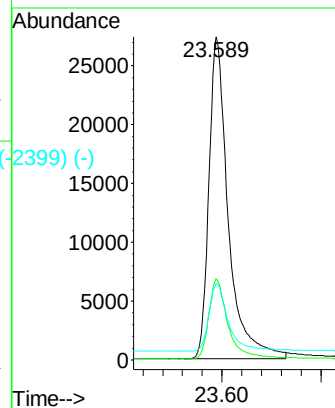
Tgt Ion:264 Resp: 74846

Ion Ratio Lower Upper

264 100

260 25.1 20.0 30.0

265 23.8 20.5 30.7



Abundance Scan 2445 (23.589 min): BN017824.D\data.ms (-2399) (-)

