

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120921\
 Data File : BN017845.D
 Acq On : 09 Dec 2021 21:30
 Operator : CG/JU
 Sample : M4924-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP08-20211202

Quant Time: Dec 10 06:49:43 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)

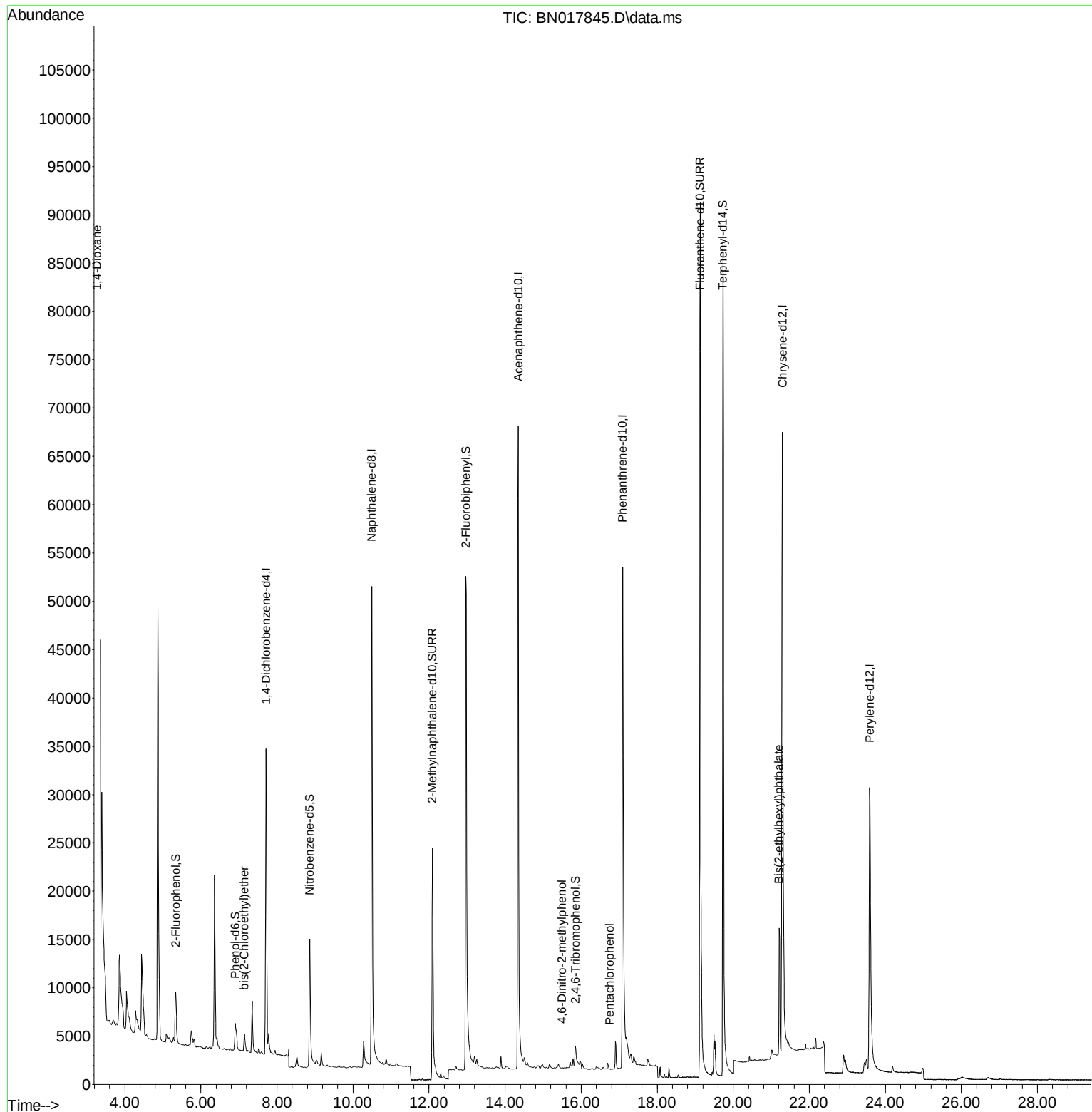
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	20164	0.40	ng	0.00
7) Naphthalene-d8	10.494	136	79935	0.40	ng	0.00
13) Acenaphthene-d10	14.347	164	52661	0.40	ng	0.00
19) Phenanthrene-d10	17.092	188	108157	0.40	ng	# 0.00
29) Chrysene-d12	21.293	240	91695	0.40	ng	# 0.01
35) Perylene-d12	23.589	264	59536	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	6025	0.12	ng	0.00
5) Phenol-d6	6.903	99	3079	0.07	ng	0.00
8) Nitrobenzene-d5	8.859	82	15548	0.29	ng	0.00
11) 2-Methylnaphthalene-d10	12.090	152	43322	0.27	ng	0.00
14) 2,4,6-Tribromophenol	15.857	330	3697	0.13	ng	0.01
15) 2-Fluorobiphenyl	12.977	172	65566	0.34	ng	0.01
27) Fluoranthene-d10	19.129	212	133874	0.37	ng	0.00
31) Terphenyl-d14	19.730	244	121304	0.62	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.270	88	35793	4.82	ng	# 100
6) bis(2-Chloroethyl)ether	7.143	93	1512	0.03	ng	99
20) 4,6-Dinitro-2-methylph...	15.489	198	1	0.08	ng	# 22
24) Pentachlorophenol	16.752	266	13	0.28	ng	# 57
34) Bis(2-ethylhexyl)phtha...	21.208	149	14677	0.11	ng	99

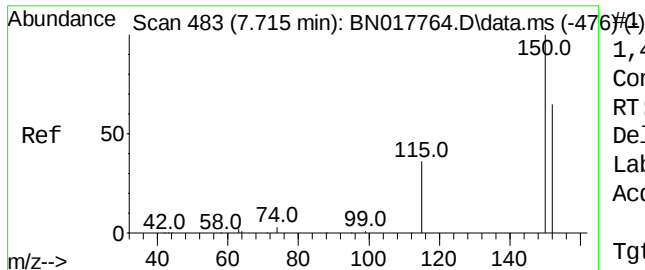
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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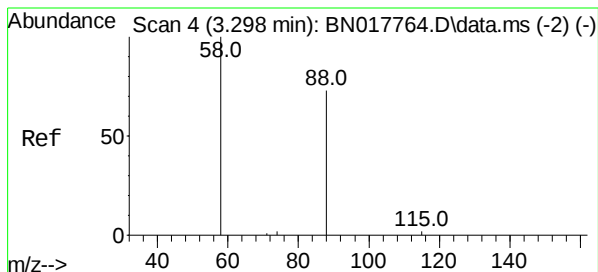
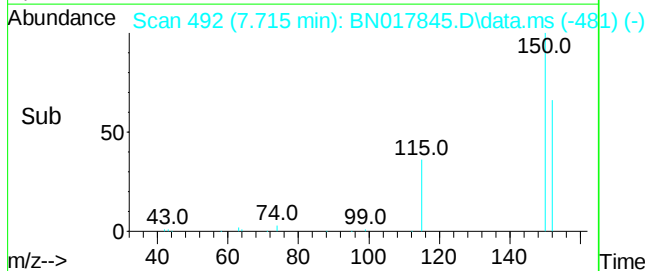
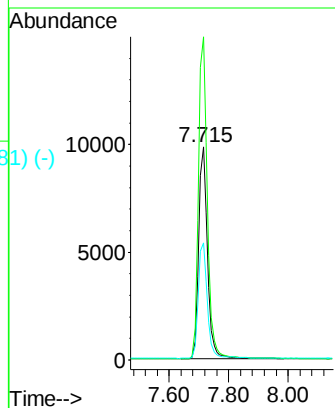
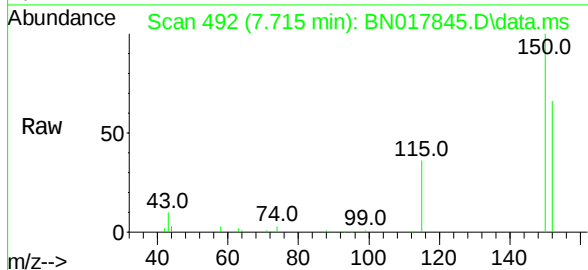




1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.715 min Scan# 4
 Delta R.T. -0.000 min
 Lab File: BN017845.D
 Acq: 09 Dec 2021 21:30

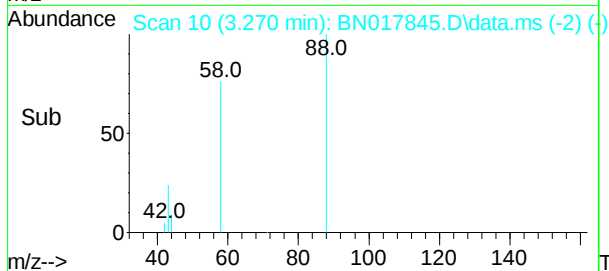
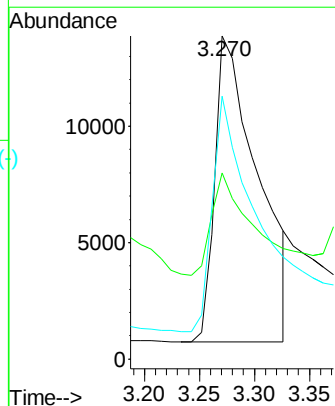
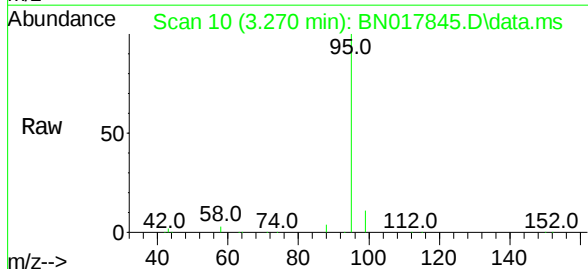
Instrument :
 BNA_N
 ClientSampleId :
 DUP08-20211202

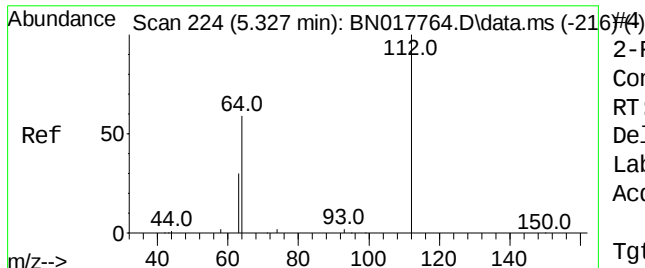
Tgt Ion: 152 Resp: 20164
 Ion Ratio Lower Upper
 152 100
 150 151.8 123.0 184.4
 115 55.0 45.3 67.9



#2
 1,4-Dioxane
 Concen: 4.82 ng
 RT: 3.270 min Scan# 10
 Delta R.T. -0.028 min
 Lab File: BN017845.D
 Acq: 09 Dec 2021 21:30

Tgt Ion: 88 Resp: 35793
 Ion Ratio Lower Upper
 88 100
 43 30.8 0.0 0.0#
 58 73.1 0.0 0.0#





2-Fluorophenol

Concen: 0.12 ng

RT: 5.336 min Scan# 1

Delta R.T. 0.009 min

Lab File: BN017845.D

Acq: 09 Dec 2021 21:30

Instrument :

BNA_N

ClientSampleId :

DUP08-20211202

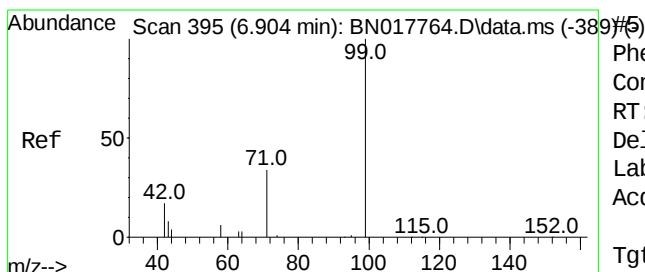
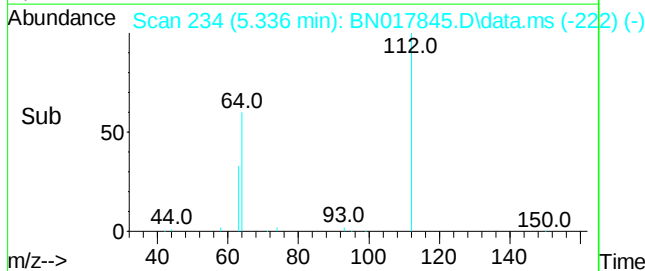
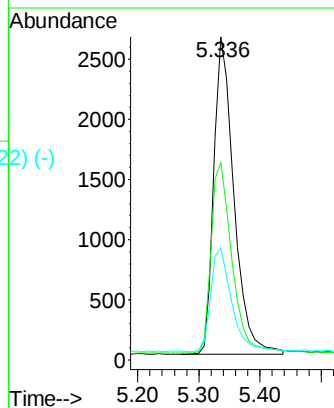
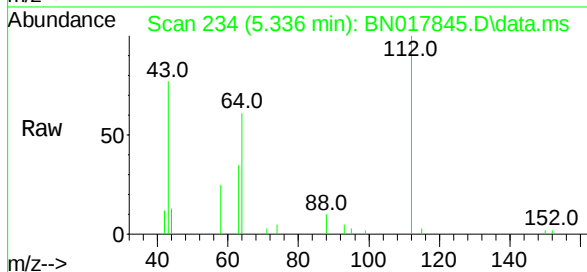
Tgt Ion:112 Resp: 6025

Ion Ratio Lower Upper

112 100

64 61.6 49.3 73.9

63 33.6 25.8 38.8



Phenol-d6

Concen: 0.07 ng

RT: 6.903 min Scan# 404

Delta R.T. -0.000 min

Lab File: BN017845.D

Acq: 09 Dec 2021 21:30

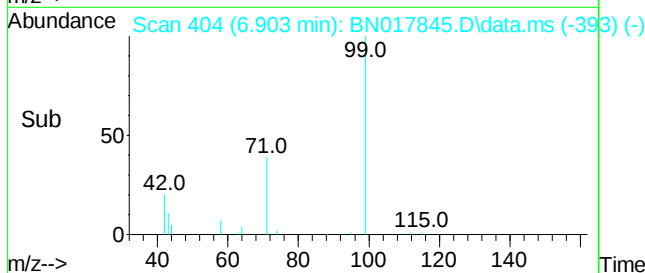
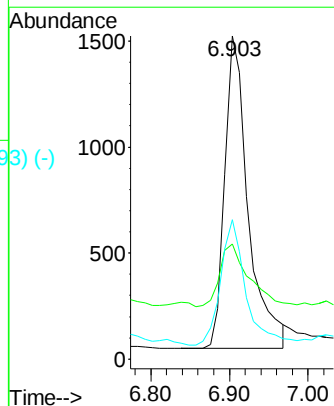
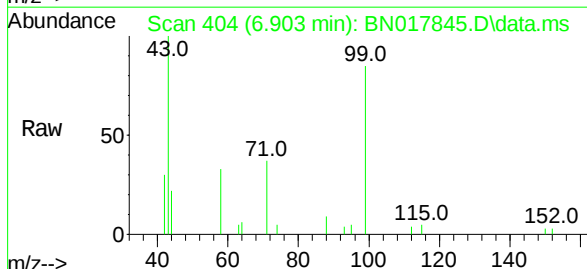
Tgt Ion: 99 Resp: 3079

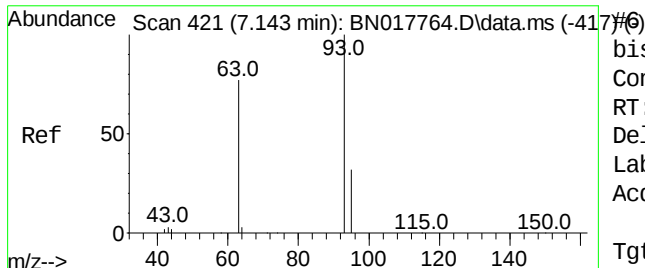
Ion Ratio Lower Upper

99 100

42 24.9 16.6 25.0

71 42.0 29.0 43.4

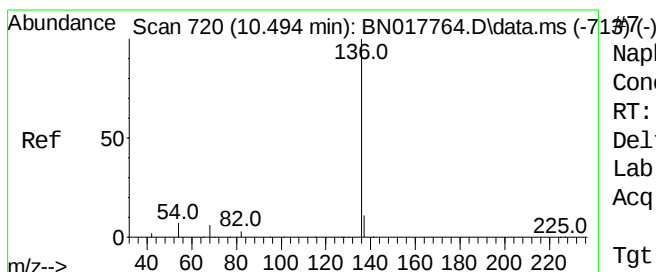
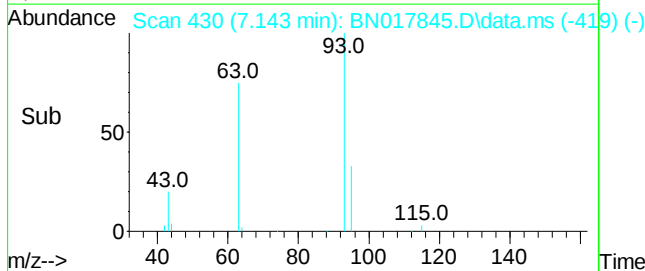
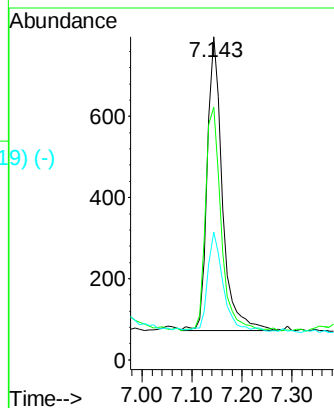
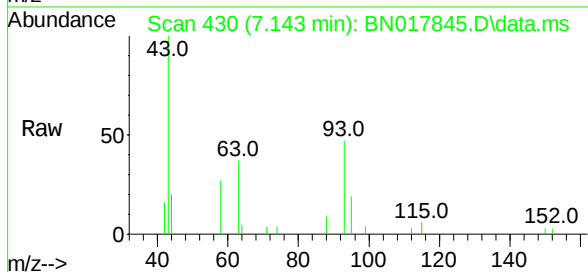




bis(2-Chloroethyl)ether
 Concen: 0.03 ng
 RT: 7.143 min Scan# 417
 Delta R.T. -0.000 min
 Lab File: BN017845.D
 Acq: 09 Dec 2021 21:30

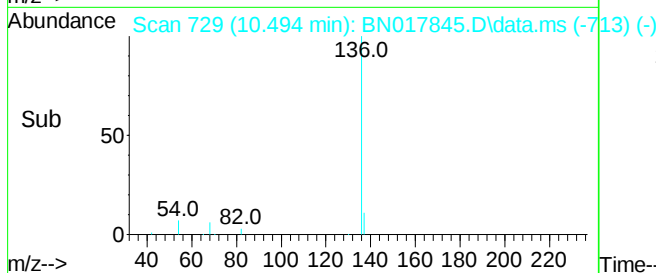
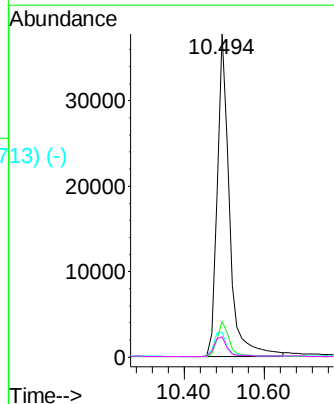
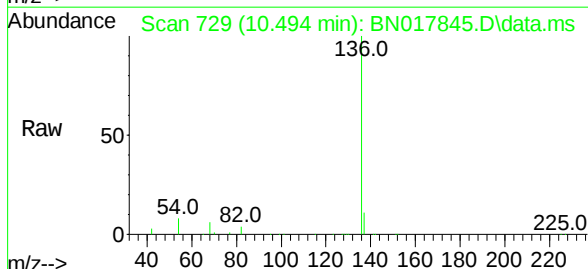
Instrument :
 BNA_N
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 DUP08-20211202

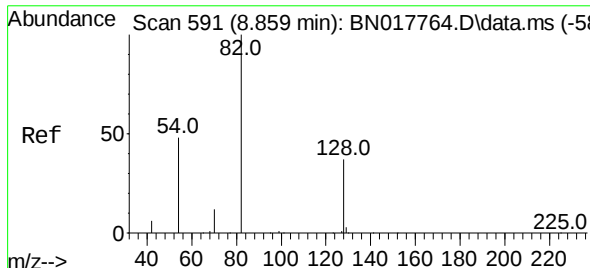
Tgt Ion:	93	Resp:	1512
Ion	Ratio	Lower	Upper
93	100		
63	78.0	62.0	93.0
95	34.7	26.4	39.6



Naphthalene-d8
 Concen: 0.40 ng
 RT: 10.494 min Scan# 729
 Delta R.T. -0.000 min
 Lab File: BN017845.D
 Acq: 09 Dec 2021 21:30

Tgt Ion:	136	Resp:	79935
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.7	5.9	8.9
68	6.2	5.0	7.6





Nitrobenzene-d5

Concen: 0.29 ng

RT: 8.859 min Scan# 600

Delta R.T. -0.000 min

Lab File: BN017845.D

Acq: 09 Dec 2021 21:30

Instrument :

BNA_N

ClientSampleId :

DUP08-20211202

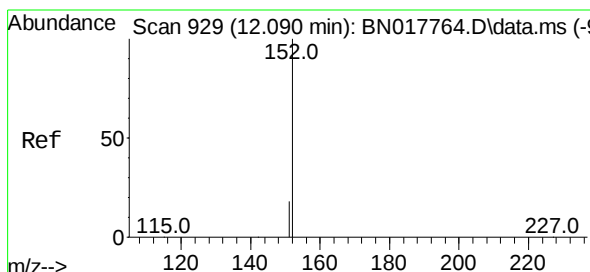
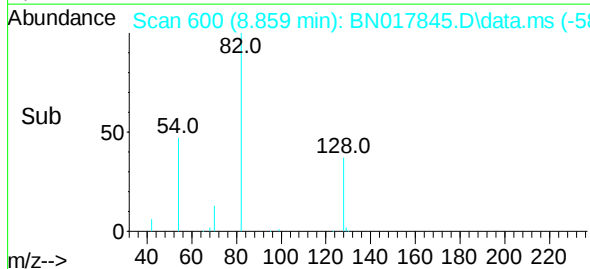
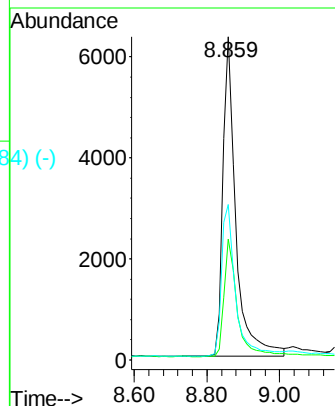
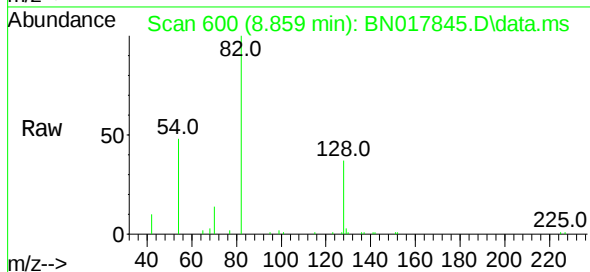
Tgt Ion: 82 Resp: 15548

Ion Ratio Lower Upper

82 100

128 37.3 30.2 45.2

54 48.1 39.0 58.6



2-Methylnaphthalene-d10

Concen: 0.27 ng

RT: 12.090 min Scan# 938

Delta R.T. -0.000 min

Lab File: BN017845.D

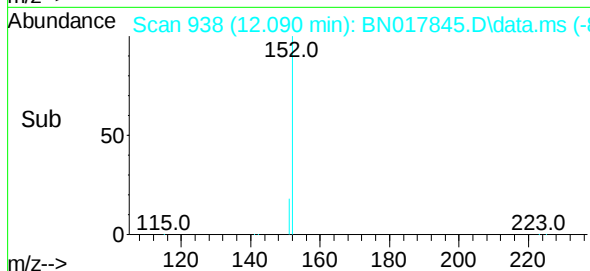
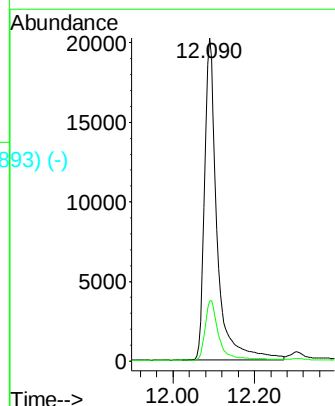
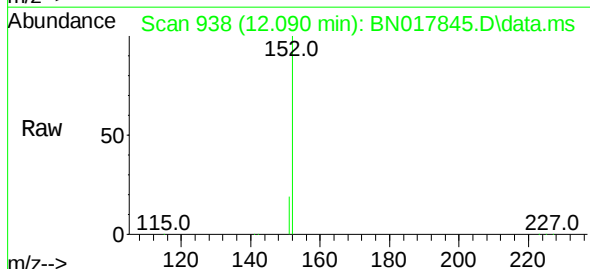
Acq: 09 Dec 2021 21:30

Tgt Ion: 152 Resp: 43322

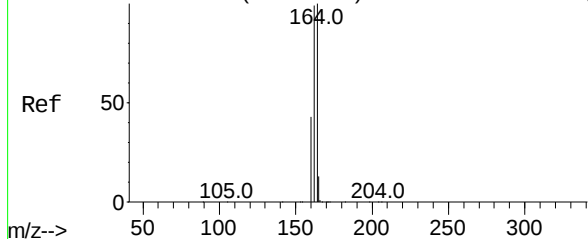
Ion Ratio Lower Upper

152 100

151 20.5 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#

Delta R.T. -0.000 min

Lab File: BN017845.D

Acq: 09 Dec 2021 21:30

Instrument :

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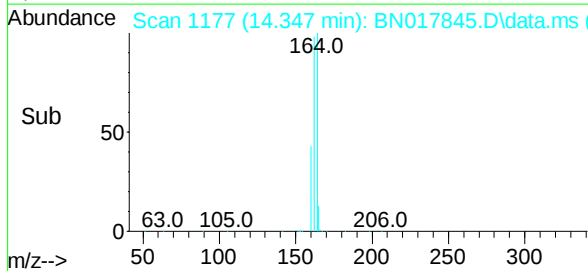
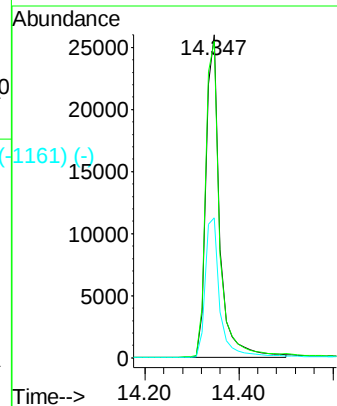
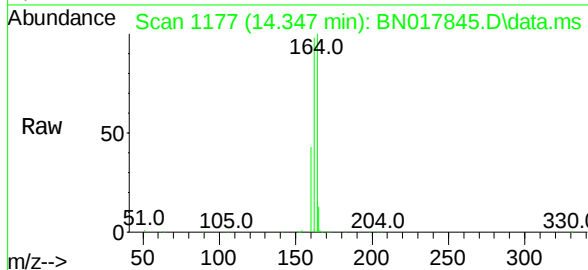
Tgt Ion:164 Resp: 52661

Ion Ratio Lower Upper

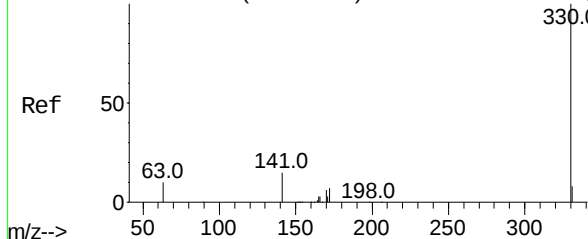
164 100

162 98.1 79.0 118.6

160 43.4 34.6 52.0



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



2,4,6-Tribromophenol

Concen: 0.13 ng

RT: 15.857 min Scan# 1296

Delta R.T. 0.012 min

Lab File: BN017845.D

Acq: 09 Dec 2021 21:30

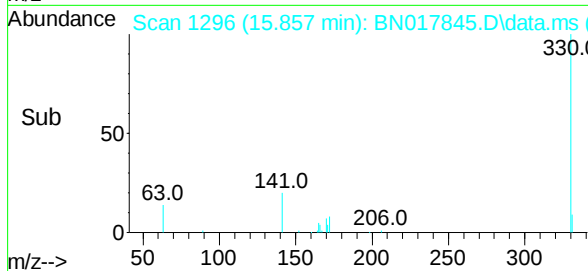
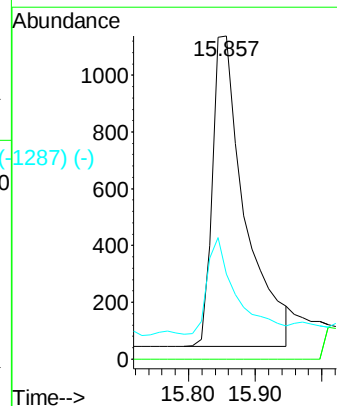
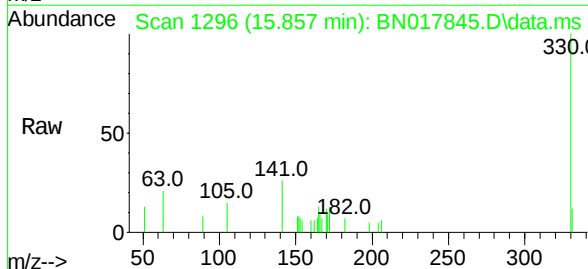
Tgt Ion:330 Resp: 3697

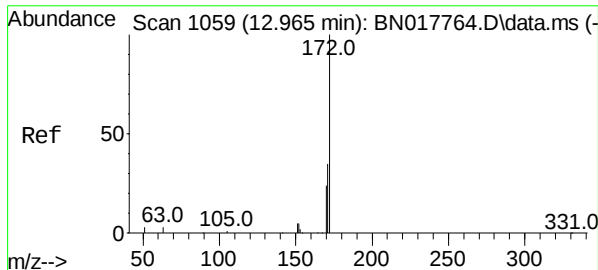
Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 27.9 21.5 32.3

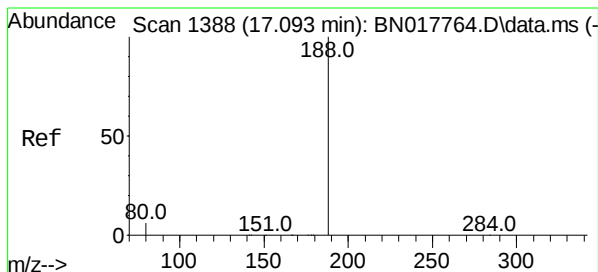
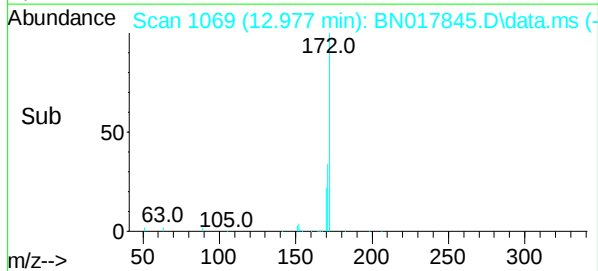
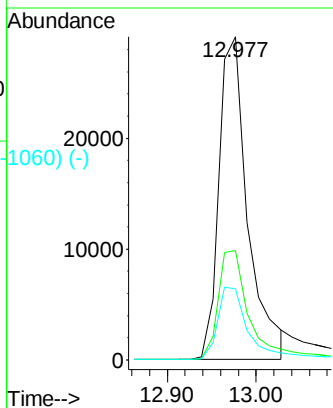
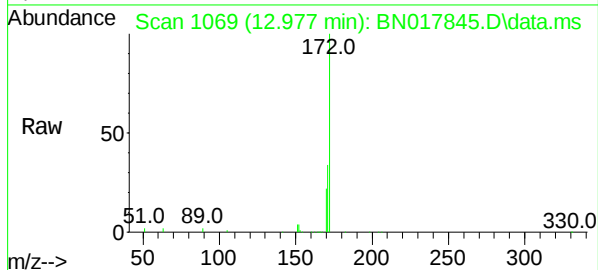




Scan 1059 (12.965 min): BN017764.D\data.ms (-1035)
 2-Fluorobiphenyl
 Concen: 0.34 ng
 RT: 12.977 min Scan# 1069
 Delta R.T. 0.012 min
 Lab File: BN017845.D
 Acq: 09 Dec 2021 21:30

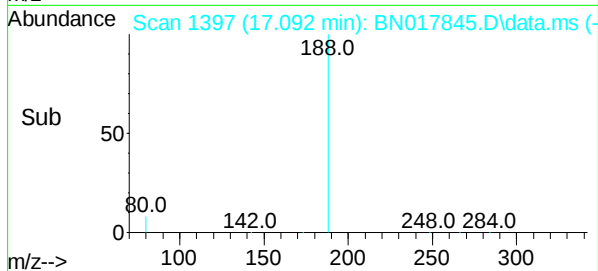
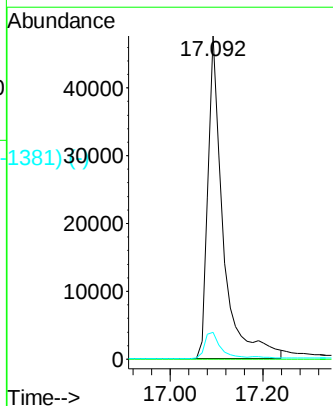
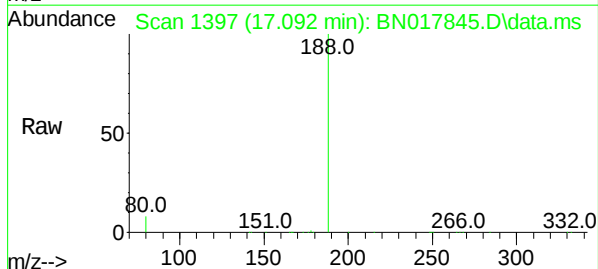
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Tgt Ion:	172	Resp:	65566
Ion	Ratio	Lower	Upper
172	100		
171	33.8	28.1	42.1
170	21.9	18.9	28.3



Scan 1388 (17.093 min): BN017764.D\data.ms (-1319)
 Phenanthrene-d10
 Concen: 0.40 ng
 RT: 17.092 min Scan# 1397
 Delta R.T. -0.000 min
 Lab File: BN017845.D
 Acq: 09 Dec 2021 21:30

Tgt Ion:	188	Resp:	108157
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.2	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: 15.489 min Scan# 1258

Delta R.T. 0.000 min

Lab File: BN017845.D

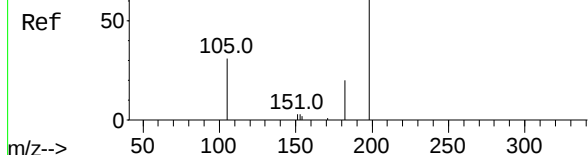
Acq: 09 Dec 2021 21:30

Instrument :

BNA_N

ClientSampleId :

DUP08-20211202



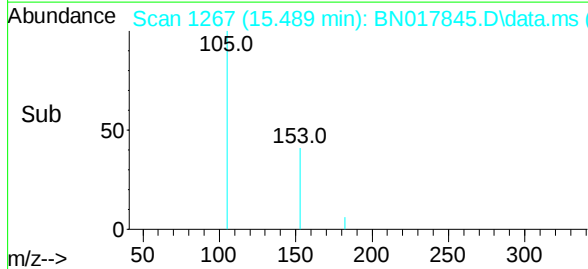
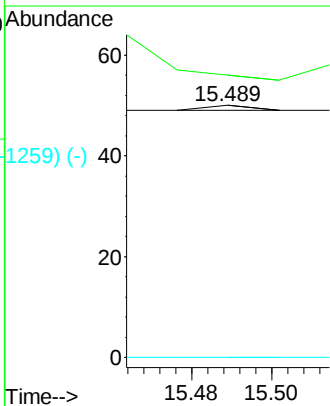
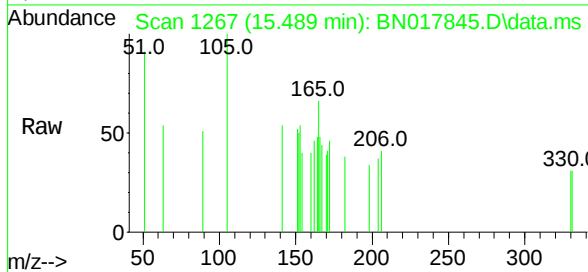
Tgt Ion:198 Resp: 1

Ion Ratio Lower Upper

198 100

182 112.0 44.2 66.2#

77 0.0 0.0 0.0



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

Pentachlorophenol

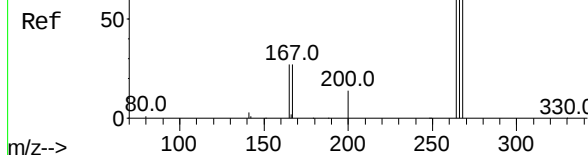
Concen: 0.28 ng

RT: 16.752 min Scan# 1369

Delta R.T. -0.012 min

Lab File: BN017845.D

Acq: 09 Dec 2021 21:30



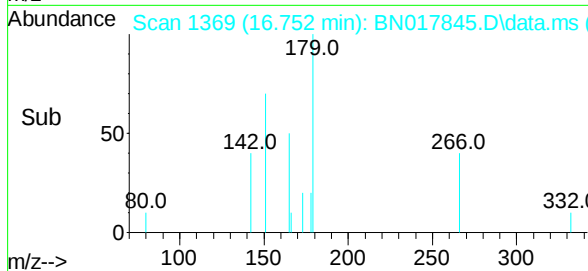
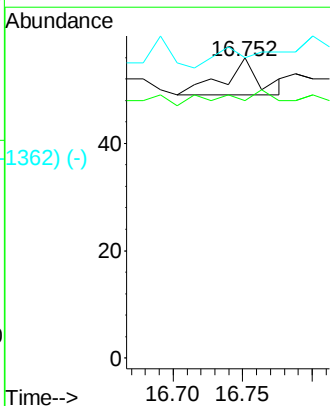
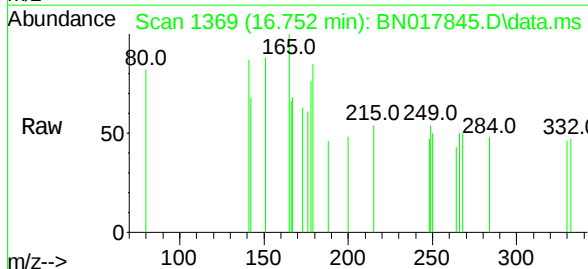
Tgt Ion:266 Resp: 13

Ion Ratio Lower Upper

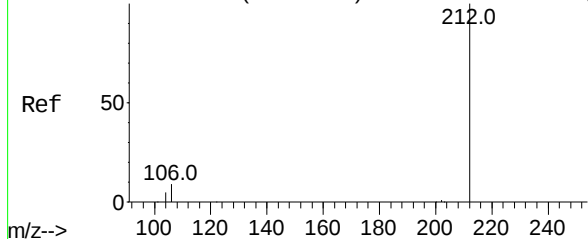
266 100

264 61.5 50.8 76.2

268 0.0 51.8 77.6#



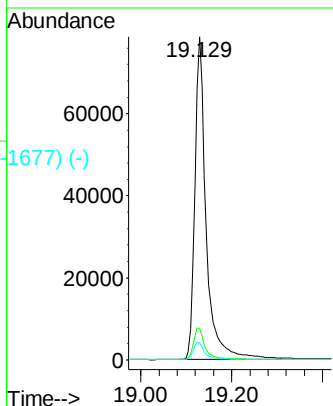
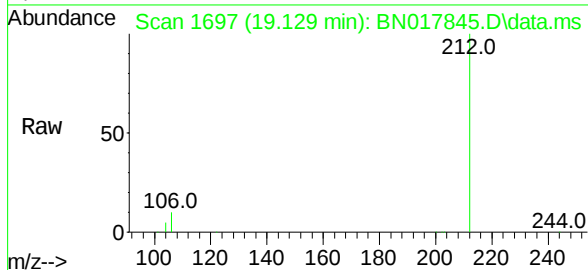
Abundance Scan 1688 (19.130 min): BN017764.D\data.ms (-1625) (-)



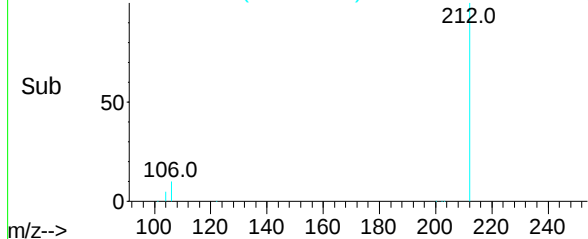
Fluoranthene-d10
Concen: 0.37 ng
RT: 19.129 min Scan# 1625
Delta R.T. -0.000 min
Lab File: BN017845.D
Acq: 09 Dec 2021 21:30

Instrument :
BNA_N
ClientSampleId :
DUP08-20211202

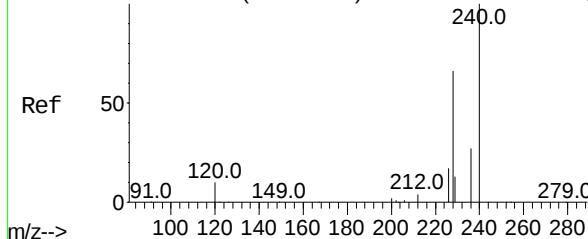
Tgt Ion:	212	Resp:	133874
Ion Ratio	Lower	Upper	
212	100		
106	10.0	8.2	12.2
104	5.7	4.6	6.8



Abundance Scan 1697 (19.129 min): BN017845.D\data.ms (-1677) (-)

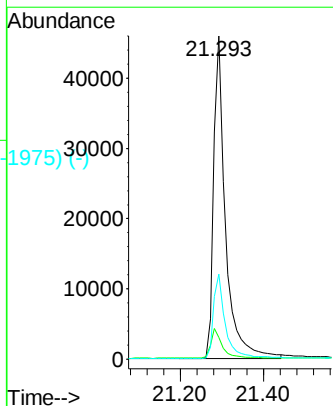
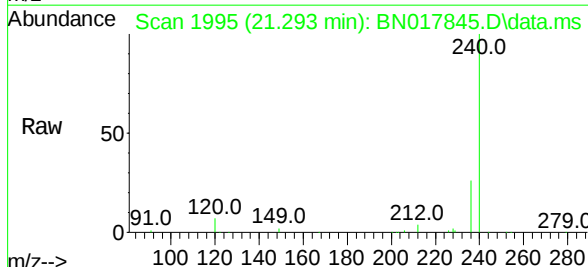


Abundance Scan 1925 (21.283 min): BN017764.D\data.ms (-1925) (-)

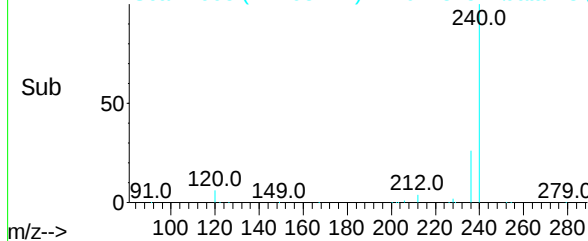


Chrysene-d12
Concen: 0.40 ng
RT: 21.293 min Scan# 1995
Delta R.T. 0.010 min
Lab File: BN017845.D
Acq: 09 Dec 2021 21:30

Tgt Ion:	240	Resp:	91695
Ion Ratio	Lower	Upper	
240	100		
120	6.7	7.9	11.9#
236	26.3	21.4	32.2



Abundance Scan 1995 (21.293 min): BN017845.D\data.ms (-1975) (-)



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

Terphenyl-d14

Concen: 0.62 ng

RT: 19.730 min Scan# 1810

Delta R.T. -0.005 min

Lab File: BN017845.D

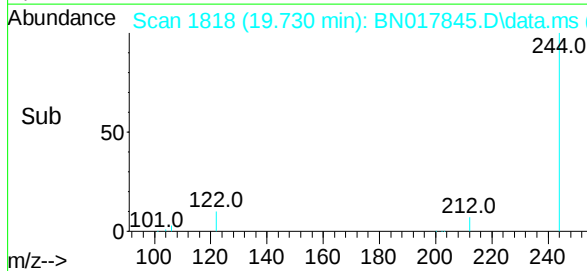
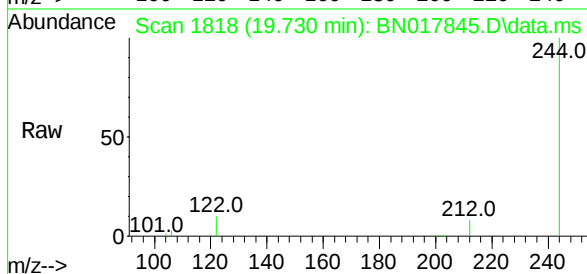
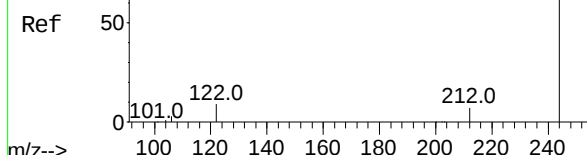
Acq: 09 Dec 2021 21:30

Instrument :

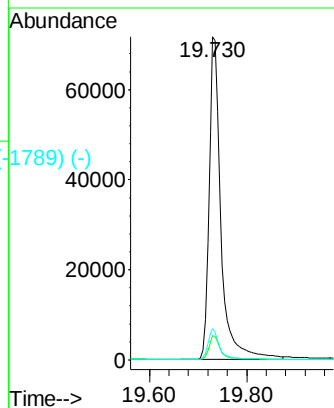
BNA_N

ClientSampleId :

DUP08-20211202



Tgt Ion:	244	Resp:	121304
Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.8
122	9.6	7.1	10.7



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

Bis(2-ethylhexyl)phthalate

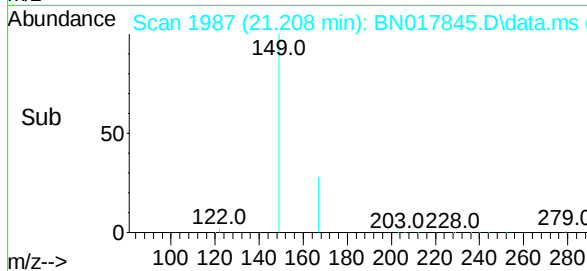
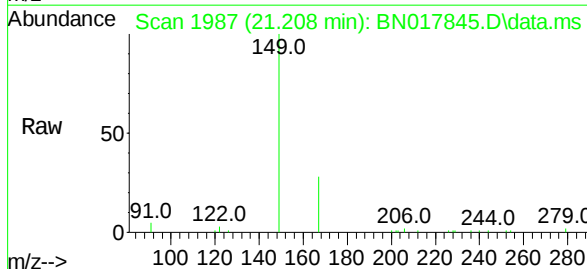
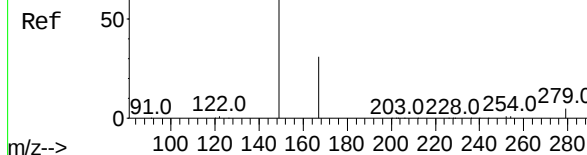
Concen: 0.11 ng

RT: 21.208 min Scan# 1987

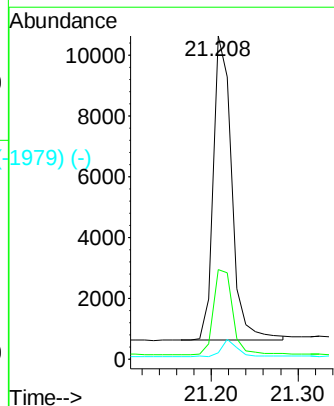
Delta R.T. -0.011 min

Lab File: BN017845.D

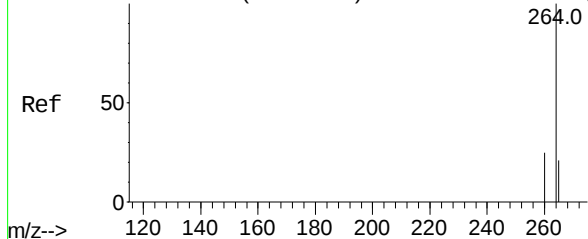
Acq: 09 Dec 2021 21:30



Tgt Ion:	149	Resp:	14677
Ion	Ratio	Lower	Upper
149	100		
167	29.1	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: 23.589 min Scan# 1

Delta R.T. 0.007 min

Lab File: BN017845.D

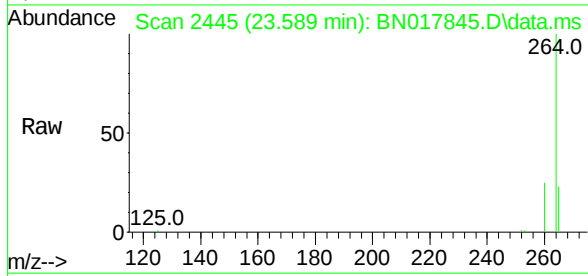
Acq: 09 Dec 2021 21:30

Instrument :

BNA_N

ClientSampleId :

DUP08-20211202



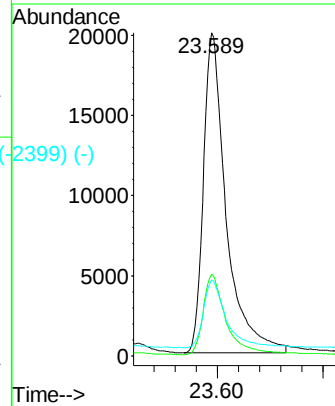
Tgt Ion:264 Resp: 59536

Ion Ratio Lower Upper

264 100

260 25.3 20.0 30.0

265 23.5 20.5 30.7



Abundance Scan 2445 (23.589 min): BN017845.D\data.ms (-2399) (-)

