

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120921\
 Data File : BN017856.D
 Acq On : 10 Dec 2021 05:55
 Operator : CG/JU
 Sample : M4923-07
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE120D3-20211201

Quant Time: Dec 10 06:52:26 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)

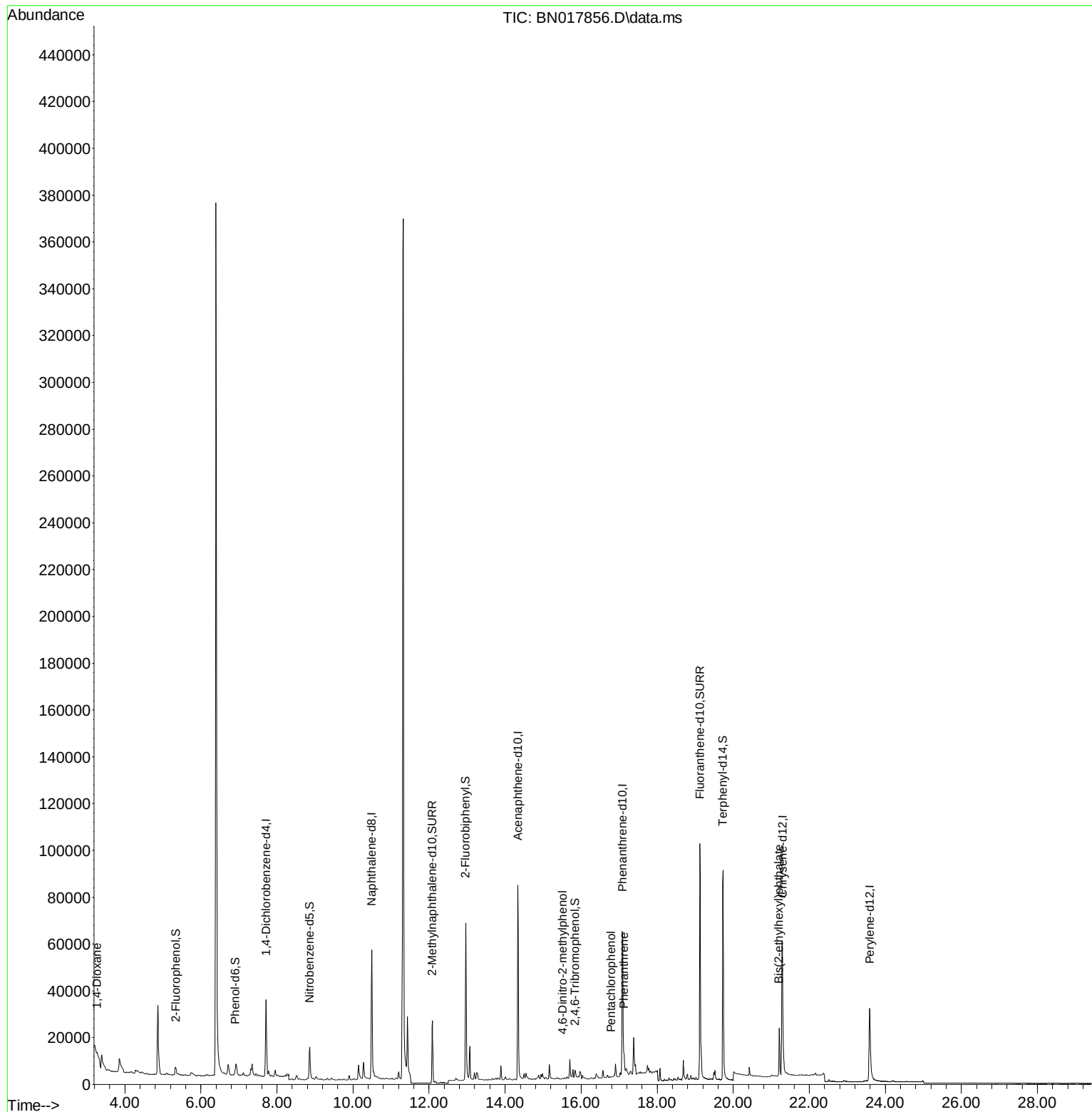
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	19866	0.40	ng	0.00
7) Naphthalene-d8	10.494	136	83579	0.40	ng	0.00
13) Acenaphthene-d10	14.335	164	55396	0.40	ng	-0.01
19) Phenanthrene-d10	17.092	188	113018	0.40	ng	0.00
29) Chrysene-d12	21.293	240	89242	0.40	ng	# 0.01
35) Perylene-d12	23.586	264	60485	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	4391	0.09	ng	0.00
5) Phenol-d6	6.903	99	2519	0.06	ng	0.00
8) Nitrobenzene-d5	8.859	82	15363	0.28	ng	0.00
11) 2-Methylnaphthalene-d10	12.085	152	38039	0.23	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	4319	0.15	ng	0.00
15) 2-Fluorobiphenyl	12.964	172	61560	0.30	ng	0.00
27) Fluoranthene-d10	19.124	212	133050	0.35	ng	0.00
31) Terphenyl-d14	19.730	244	109598	0.57	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.270	88	885	0.12	ng	# 100
20) 4,6-Dinitro-2-methylph...	15.514	198	3	0.08	ng	# 1
24) Pentachlorophenol	16.788	266	27	0.28	ng	# 26
25) Phenanthrene	17.129	178	8749	0.03	ng	93
34) Bis(2-ethylhexyl)phtha...	21.208	149	20459	0.16	ng	99

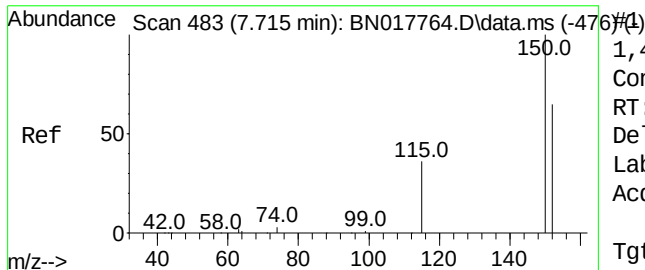
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 7.715 min Scan# 4

Delta R.T. -0.000 min

Lab File: BN017856.D

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RE120D3-20211201

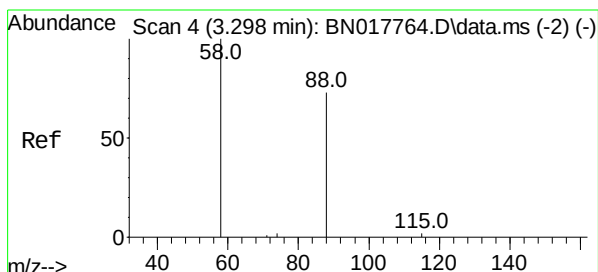
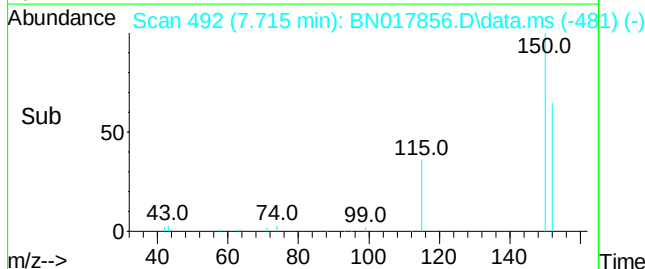
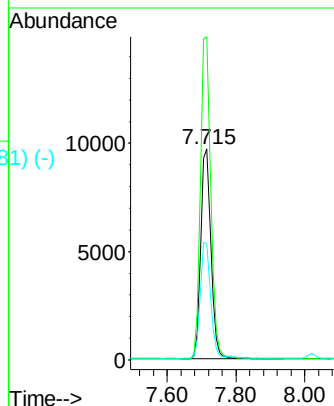
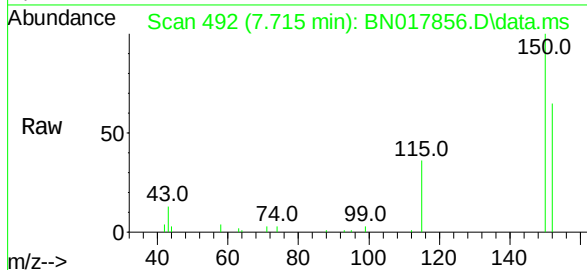
Tgt Ion:152 Resp: 19866

Ion Ratio Lower Upper

152 100

150 152.9 123.0 184.4

115 55.1 45.3 67.9



#2

1,4-Dioxane

Concen: 0.12 ng

RT: 3.270 min Scan# 10

Delta R.T. -0.028 min

Lab File: BN017856.D

Acq: 10 Dec 2021 05:55

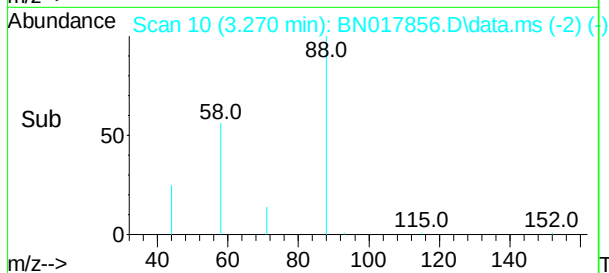
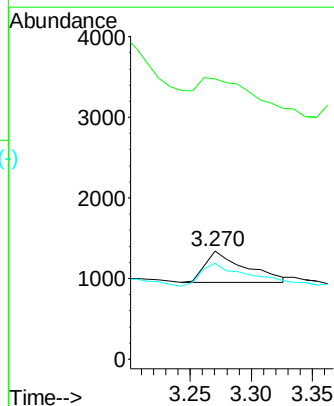
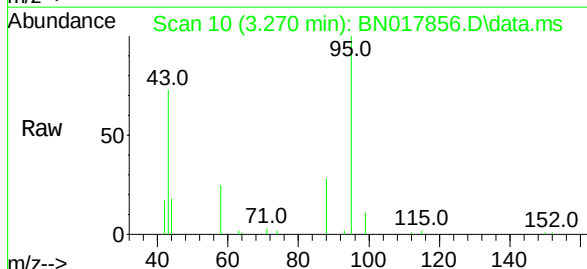
Tgt Ion: 88 Resp: 885

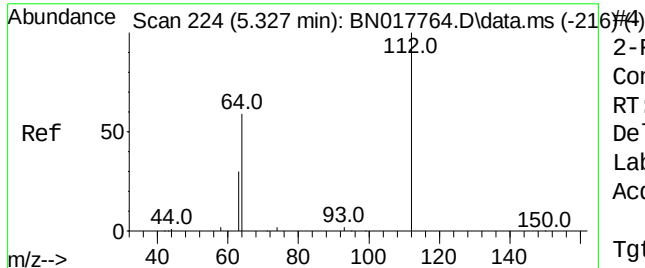
Ion Ratio Lower Upper

88 100

43 108.9 0.0 0.0#

58 84.1 0.0 0.0#





2-Fluorophenol

Concen: 0.09 ng

RT: 5.336 min Scan# 1

Delta R.T. 0.009 min

Lab File: BN017856.D

Acq: 10 Dec 2021 05:55

Instrument :

BNA_N

ClientSampleId :

RE120D3-20211201

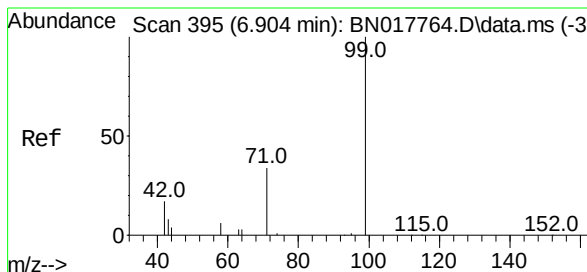
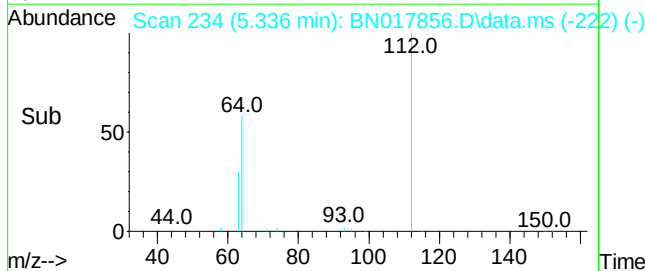
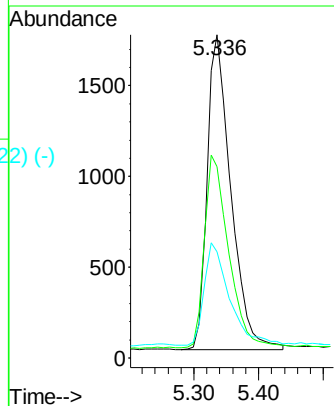
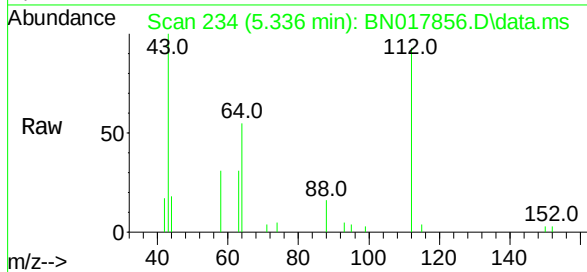
Tgt Ion:112 Resp: 4391

Ion Ratio Lower Upper

112 100

64 62.4 49.3 73.9

63 34.4 25.8 38.8



Phenol-d6

Concen: 0.06 ng

RT: 6.903 min Scan# 404

Delta R.T. -0.000 min

Lab File: BN017856.D

Acq: 10 Dec 2021 05:55

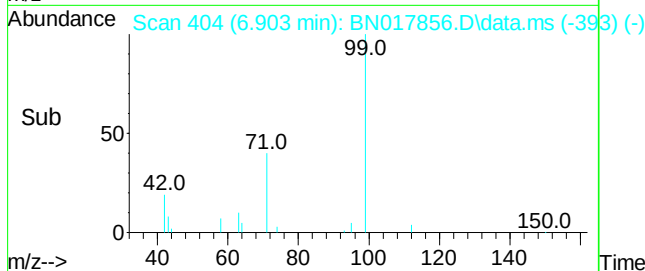
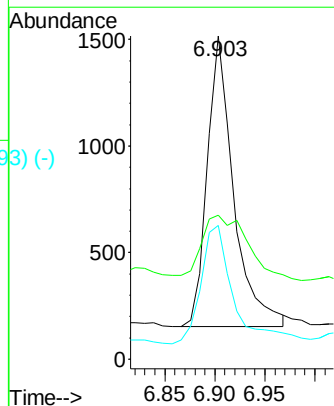
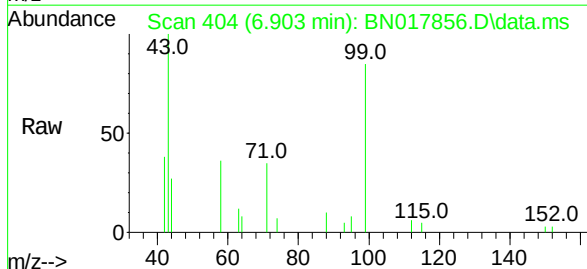
Tgt Ion: 99 Resp: 2519

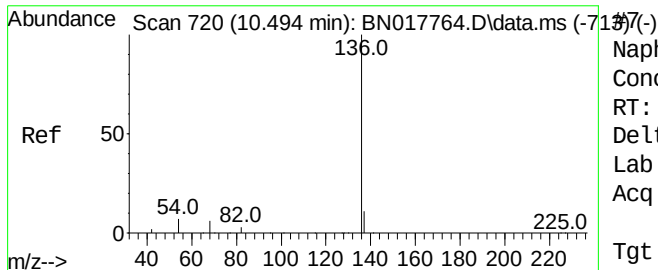
Ion Ratio Lower Upper

99 100

42 33.1 16.6 25.0#

71 49.1 29.0 43.4#





Naphthalene-d8

Concen: 0.40 ng

RT: 10.494 min Scan#

Delta R.T. -0.000 min

Lab File: BN017856.D

Acq: 10 Dec 2021 05:55

Instrument :

BNA_N

ClientSampleId :

RE120D3-20211201

Tgt Ion:136 Resp: 83579

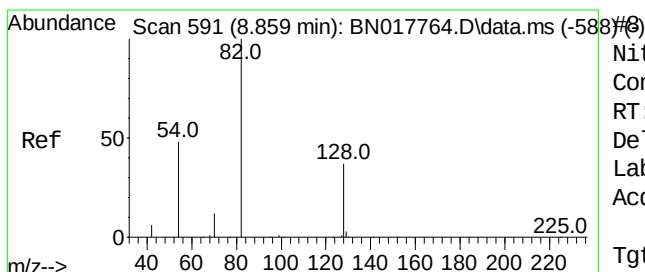
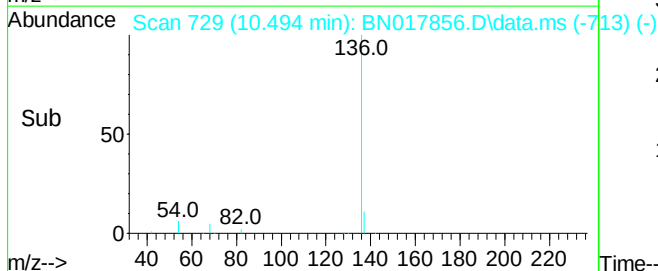
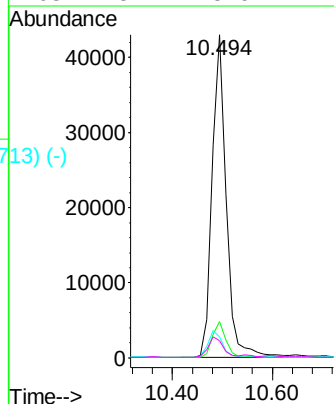
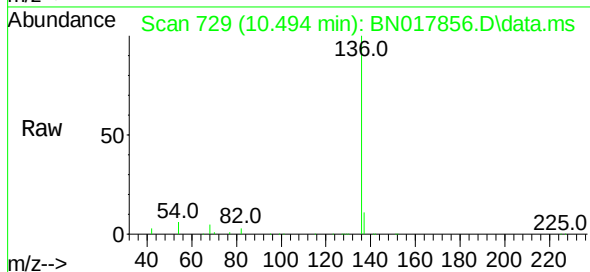
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 6.4 5.9 8.9

68 5.4 5.0 7.6



Nitrobenzene-d5

Concen: 0.28 ng

RT: 8.859 min Scan# 600

Delta R.T. -0.000 min

Lab File: BN017856.D

Acq: 10 Dec 2021 05:55

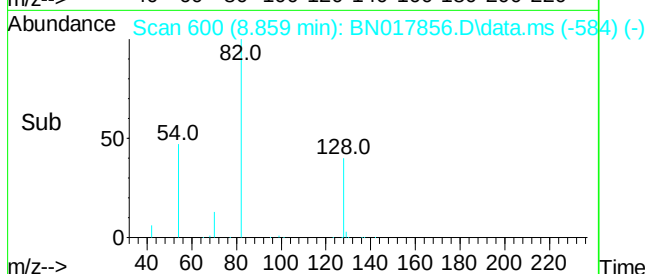
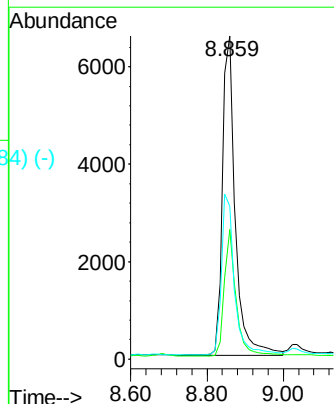
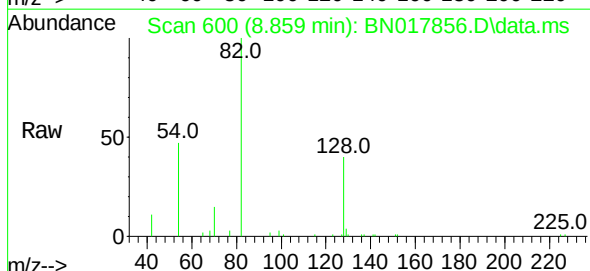
Tgt Ion: 82 Resp: 15363

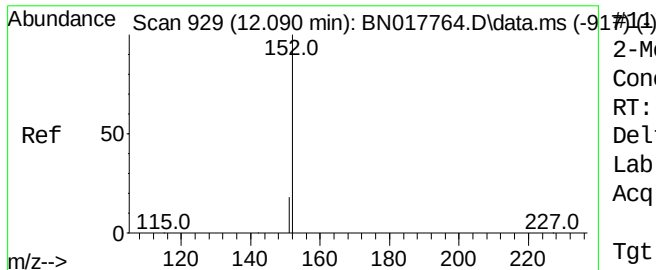
Ion Ratio Lower Upper

82 100

128 40.2 30.2 45.2

54 47.4 39.0 58.6

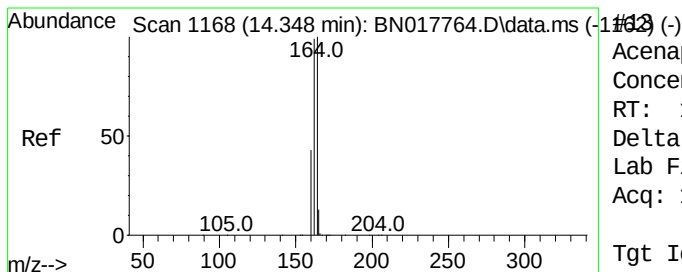
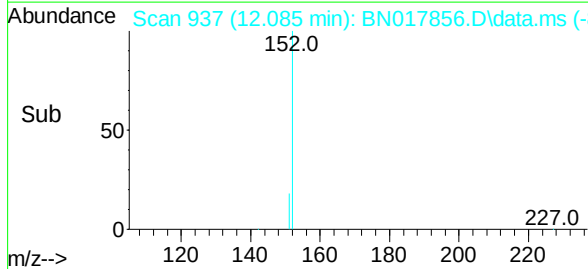
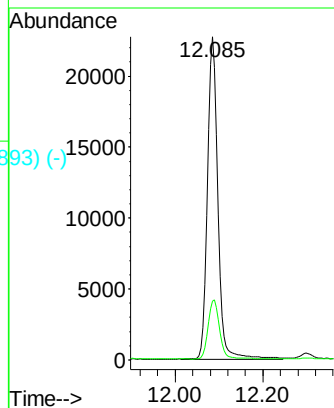
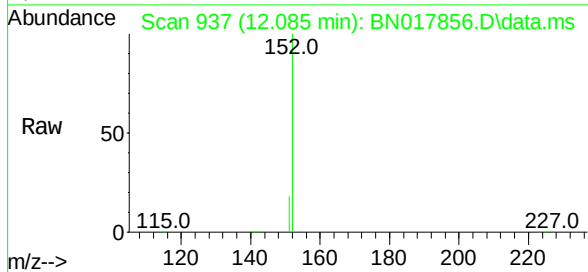




2-Methylnaphthalene-d10
 Concen: 0.23 ng
 RT: 12.085 min Scan# 937
 Delta R.T. -0.005 min
 Lab File: BN017856.D
 Acq: 10 Dec 2021 05:55

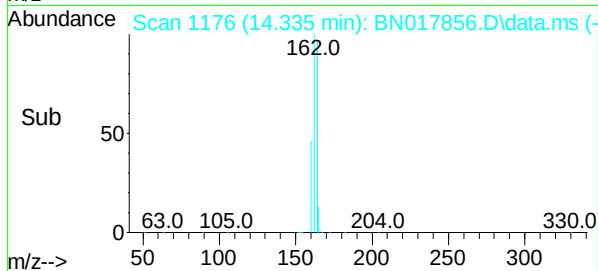
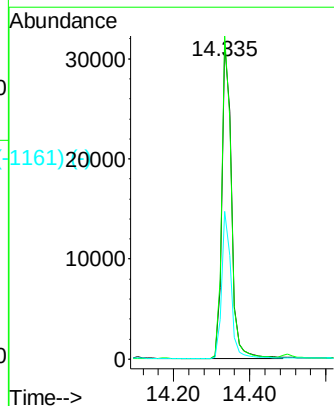
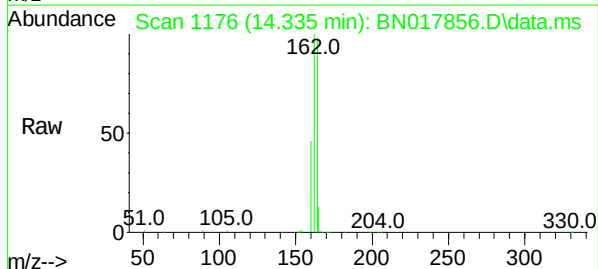
Instrument :
 BNA_N
 ClientSampleId :
 RE120D3-20211201

Tgt Ion:152 Resp: 38039
 Ion Ratio Lower Upper
 152 100
 151 20.5 16.4 24.6



Acenaphthene-d10
 Concen: 0.40 ng
 RT: 14.335 min Scan# 1176
 Delta R.T. -0.013 min
 Lab File: BN017856.D
 Acq: 10 Dec 2021 05:55

Tgt Ion:164 Resp: 55396
 Ion Ratio Lower Upper
 164 100
 162 102.5 79.0 118.6
 160 46.8 34.6 52.0



Abundance Scan 1286 (15.845 min): BN017764.D\data.ms (-1281) (-)

2,4,6-Tribromophenol

Concen: 0.15 ng

RT: 15.844 min Scan# 1281

Delta R.T. -0.000 min

Lab File: BN017856.D

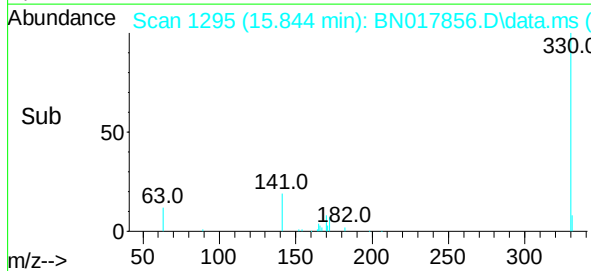
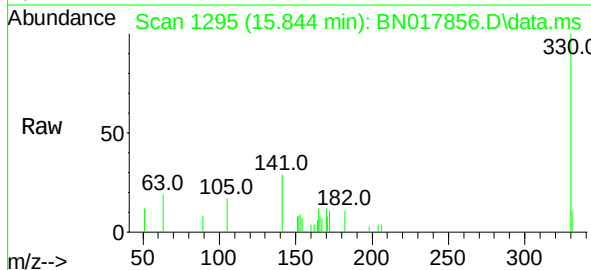
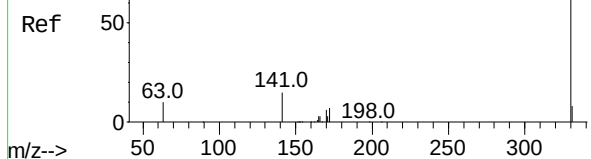
Acq: 10 Dec 2021 05:55

Instrument :

BNA_N

ClientSampleId :

RE120D3-20211201



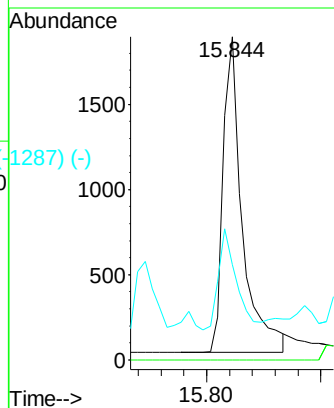
Tgt Ion:330 Resp: 4319

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 30.1 21.5 32.3



Abundance Scan 1059 (12.965 min): BN017764.D\data.ms (-1035) (-)

2-Fluorobiphenyl

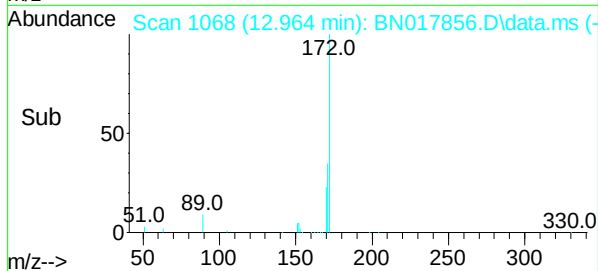
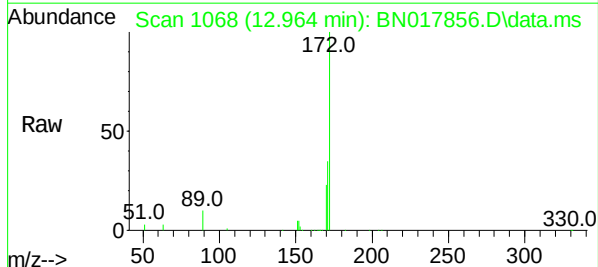
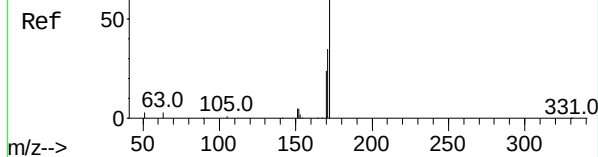
Concen: 0.30 ng

RT: 12.964 min Scan# 1068

Delta R.T. -0.000 min

Lab File: BN017856.D

Acq: 10 Dec 2021 05:55



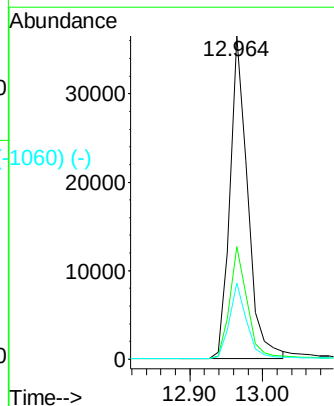
Tgt Ion:172 Resp: 61560

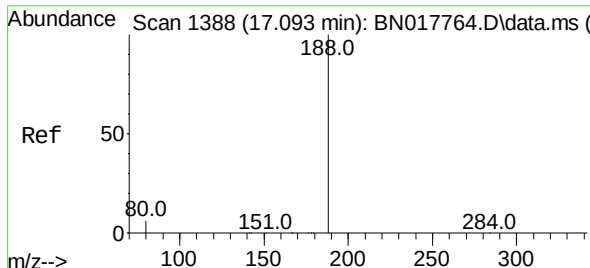
Ion Ratio Lower Upper

172 100

171 34.8 28.1 42.1

170 23.5 18.9 28.3

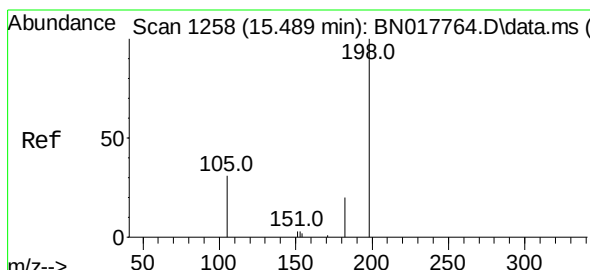
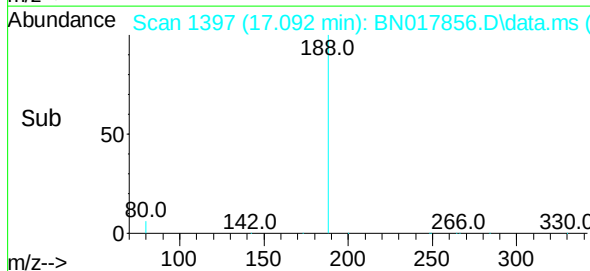
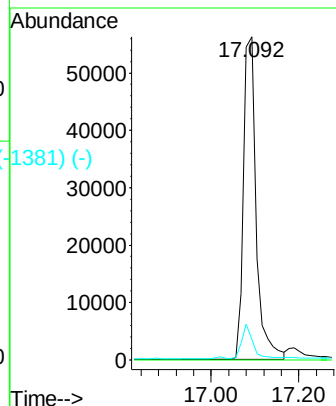
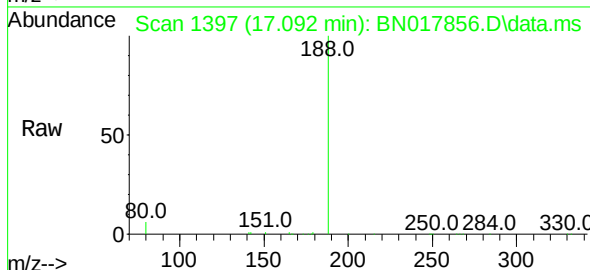




Phenanthrene-d10
 Concen: 0.40 ng
 RT: 17.092 min Scan# 1388
 Delta R.T. -0.000 min
 Lab File: BN017856.D
 Acq: 10 Dec 2021 05:55

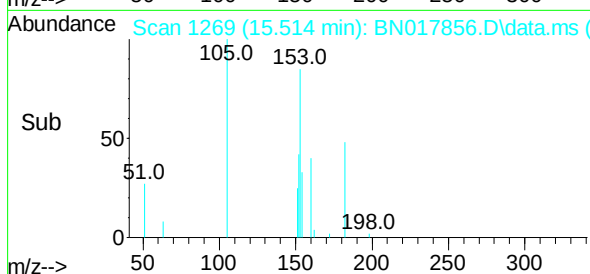
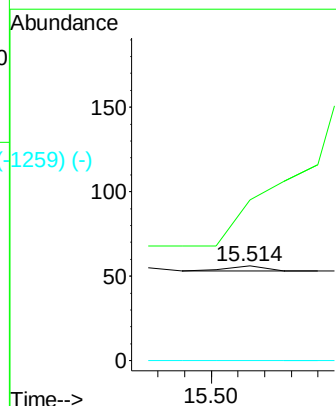
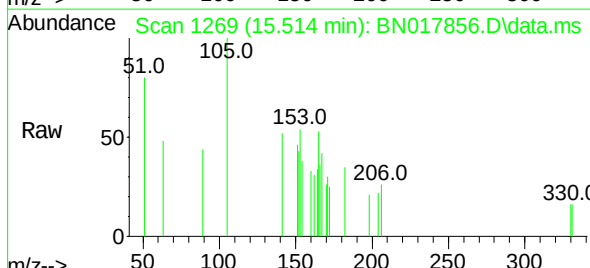
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Tgt Ion:	188	Resp:	113018
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.2	5.1	7.7



4,6-Dinitro-2-methylphenol
 Concen: 0.08 ng
 RT: 15.514 min Scan# 1269
 Delta R.T. 0.025 min
 Lab File: BN017856.D
 Acq: 10 Dec 2021 05:55

Tgt Ion:	198	Resp:	3
Ion	Ratio	Lower	Upper
198	100		
182	169.6	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: 16.788 min Scan# 1324

Delta R.T. 0.024 min

Lab File: BN017856.D

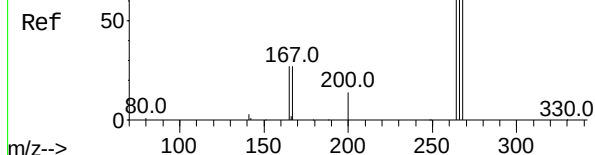
Acq: 10 Dec 2021 05:55

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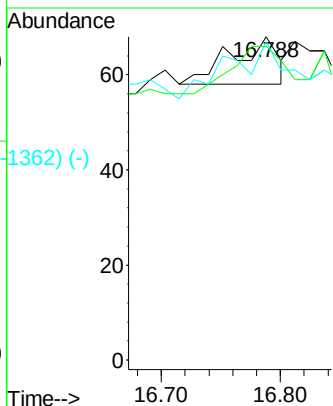
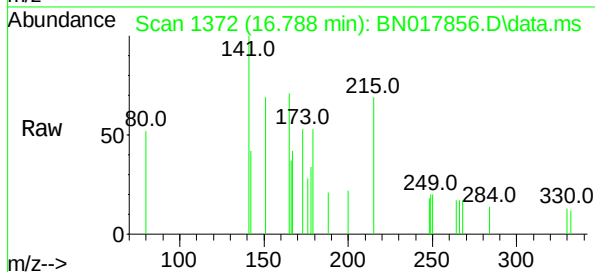
Tgt Ion:266 Resp: 27

Ion Ratio Lower Upper

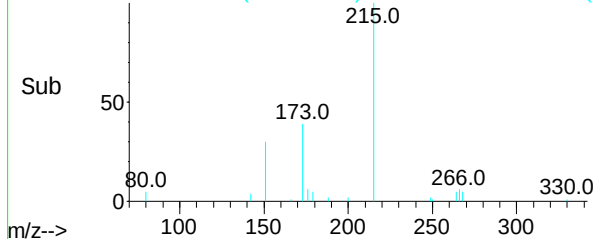
266 100

264 114.8 50.8 76.2#

268 0.0 51.8 77.6#



Abundance Scan 1372 (16.788 min): BN017856.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: BN017856.D

Acq: 10 Dec 2021 05:55

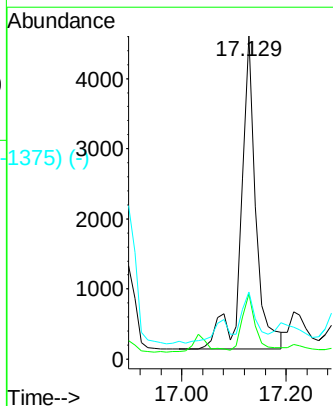
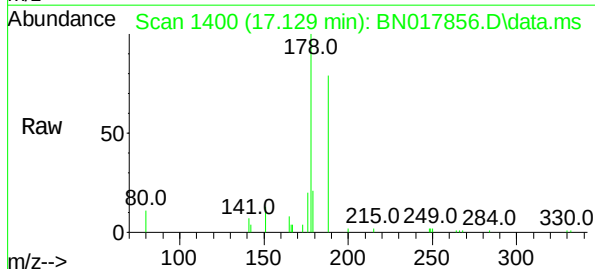
Tgt Ion:178 Resp: 8749

Ion Ratio Lower Upper

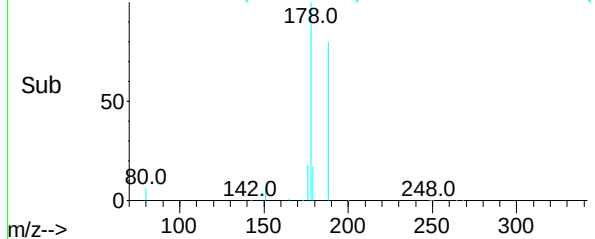
178 100

176 15.9 15.0 22.6

179 12.8 12.5 18.7



Abundance Scan 1400 (17.129 min): BN017856.D\data.ms (-1375) (-)



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

Fluoranthene-d10

Concen: 0.35 ng

RT: 19.124 min Scan# 1688

Delta R.T. -0.005 min

Lab File: BN017856.D

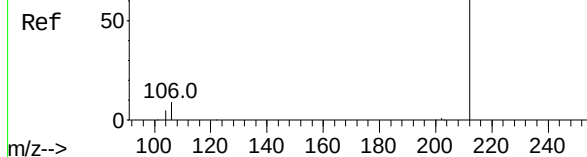
Acq: 10 Dec 2021 05:55

Instrument :

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ClientSampleId :

RE120D3-20211201



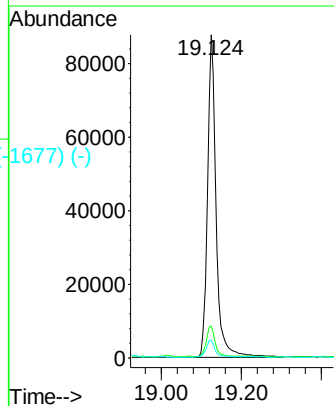
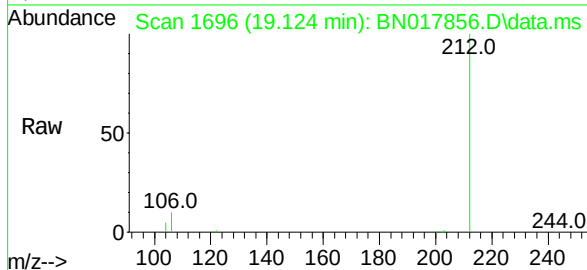
Tgt Ion:212 Resp: 133050

Ion Ratio Lower Upper

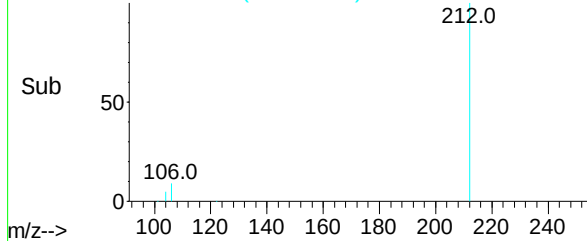
212 100

106 9.7 8.2 12.2

104 5.8 4.6 6.8



Abundance Scan 1696 (19.124 min): BN017856.D\data.ms (-1677) (-)



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

Chrysene-d12

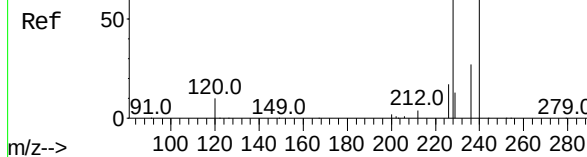
Concen: 0.40 ng

RT: 21.293 min Scan# 1995

Delta R.T. 0.010 min

Lab File: BN017856.D

Acq: 10 Dec 2021 05:55



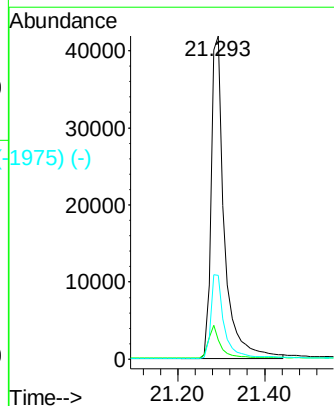
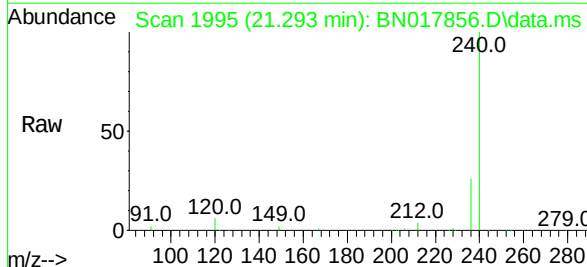
Tgt Ion:240 Resp: 89242

Ion Ratio Lower Upper

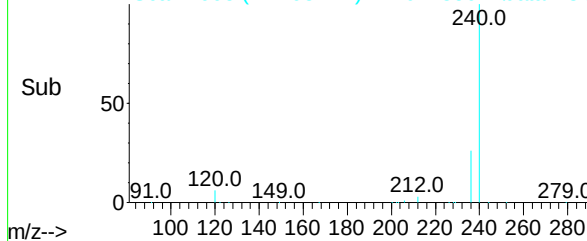
240 100

120 5.9 7.9 11.9#

236 25.9 21.4 32.2



Abundance Scan 1995 (21.293 min): BN017856.D\data.ms (-1975) (-)



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

Terphenyl-d14

Concen: 0.57 ng

RT: 19.730 min Scan# 1810

Delta R.T. -0.005 min

Lab File: BN017856.D

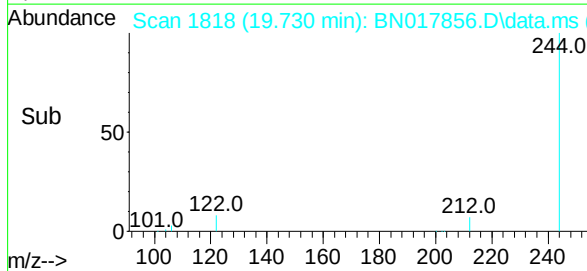
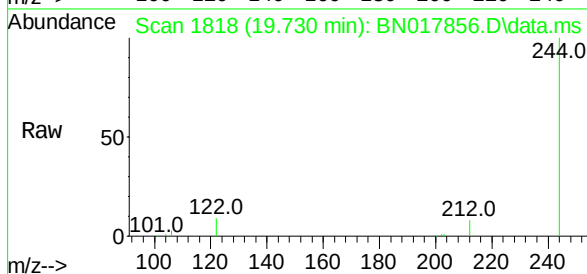
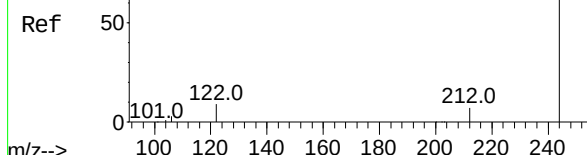
Acq: 10 Dec 2021 05:55

Instrument :

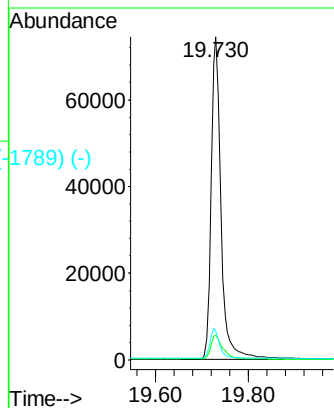
BNA_N

ClientSampleId :

RE120D3-20211201



Tgt Ion:	244	Resp:	109598
Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.8
122	9.0	7.1	10.7



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

Bis(2-ethylhexyl)phthalate

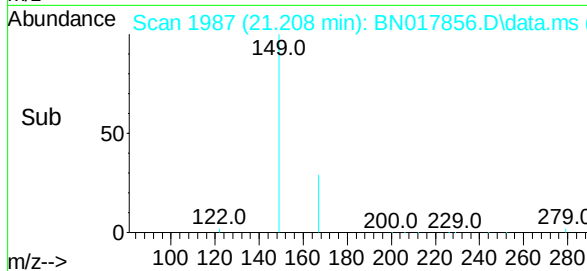
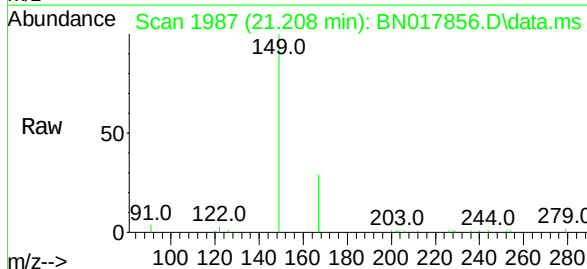
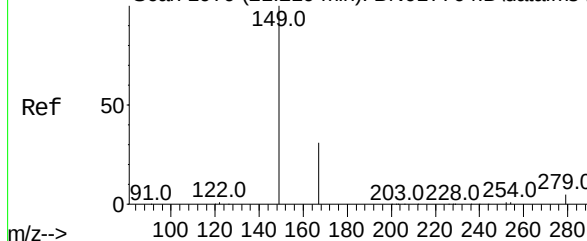
Concen: 0.16 ng

RT: 21.208 min Scan# 1987

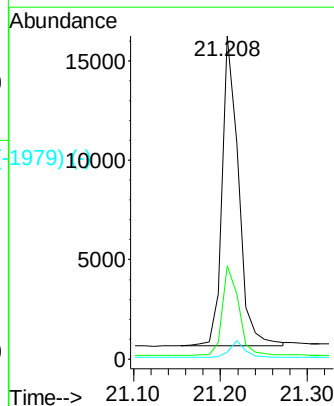
Delta R.T. -0.011 min

Lab File: BN017856.D

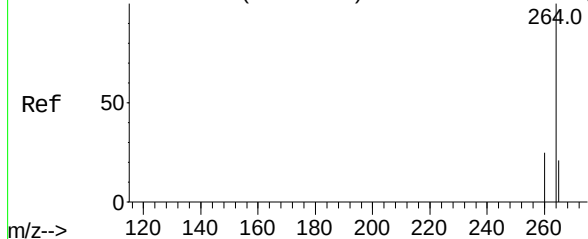
Acq: 10 Dec 2021 05:55



Tgt Ion:	149	Resp:	20459
Ion	Ratio	Lower	Upper
149	100		
167	29.0	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: 23.586 min Scan# 1

Delta R.T. 0.003 min

Lab File: BN017856.D

Acq: 10 Dec 2021 05:55

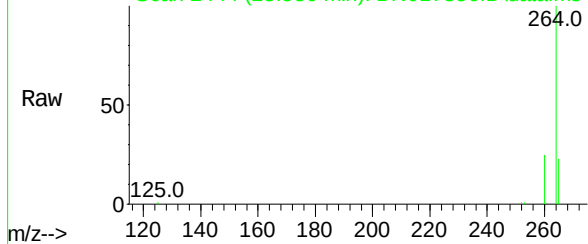
Instrument :

BNA_N

ClientSampleId :

RE120D3-20211201

Abundance Scan 2444 (23.586 min): BN017856.D\data.ms



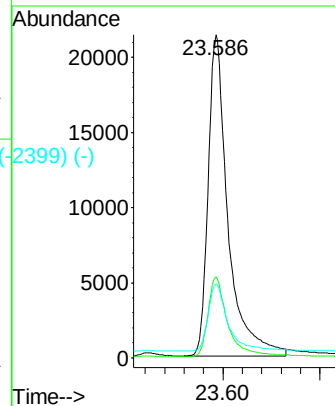
Tgt Ion:264 Resp: 60485

Ion Ratio Lower Upper

264 100

260 25.2 20.0 30.0

265 22.9 20.5 30.7



Abundance Scan 2444 (23.586 min): BN017856.D\data.ms (-2399) (-)

