

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120921\
 Data File : BN017855.D
 Acq On : 10 Dec 2021 05:19
 Operator : CG/JU
 Sample : M4923-06
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT180D1-20211201

Quant Time: Dec 10 06:52:20 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)

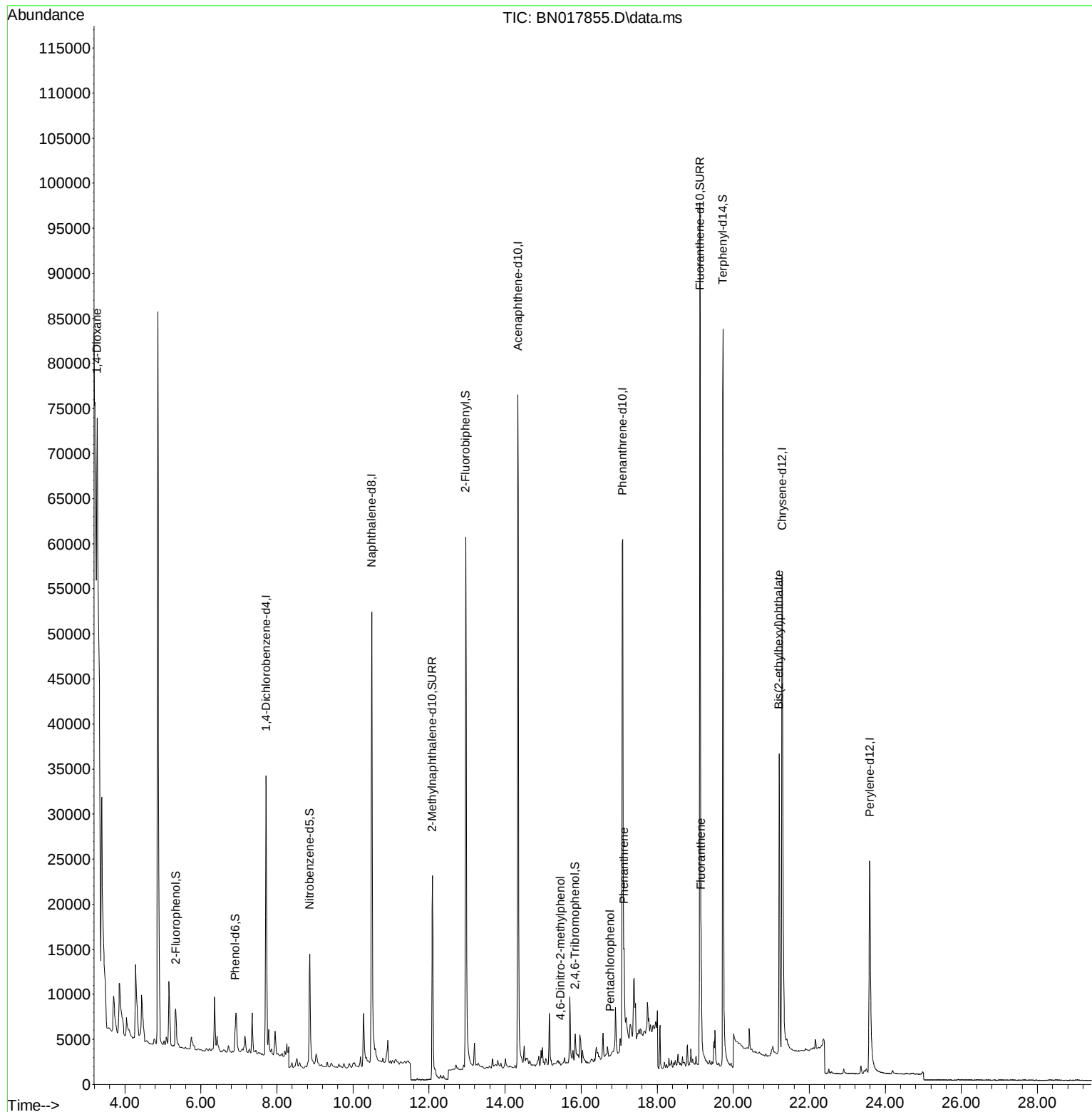
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	19316	0.40	ng	0.00
7) Naphthalene-d8	10.494	136	77341	0.40	ng	0.00
13) Acenaphthene-d10	14.334	164	52803	0.40	ng	-0.01
19) Phenanthrene-d10	17.092	188	107266	0.40	ng	0.00
29) Chrysene-d12	21.282	240	83911	0.40	ng	0.00
35) Perylene-d12	23.586	264	46914	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	5059	0.11	ng	0.00
5) Phenol-d6	6.903	99	2762	0.06	ng	0.00
8) Nitrobenzene-d5	8.859	82	14202	0.28	ng	0.00
11) 2-Methylnaphthalene-d10	12.085	152	38639	0.25	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	3744	0.14	ng	0.00
15) 2-Fluorobiphenyl	12.964	172	60510	0.31	ng	0.00
27) Fluoranthene-d10	19.124	212	133087	0.37	ng	0.00
31) Terphenyl-d14	19.730	244	106150	0.59	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.270	88	33141	4.66	ng	# 100
20) 4,6-Dinitro-2-methylph...	15.451	198	7	0.09	ng	# 1
24) Pentachlorophenol	16.764	266	23	0.28	ng	# 40
25) Phenanthrene	17.129	178	10506	0.04	ng	# 95
28) Fluoranthene	19.154	202	6918	0.02	ng	97
34) Bis(2-ethylhexyl)phtha...	21.208	149	32045	0.27	ng	100

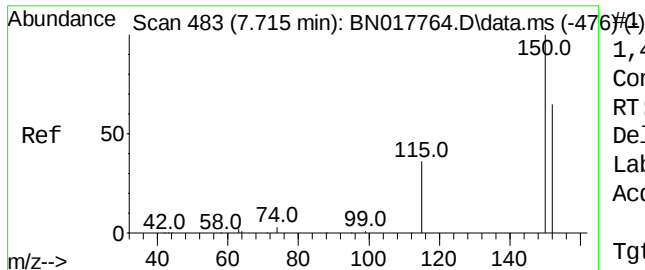
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 7.715 min Scan# 4

Delta R.T. -0.000 min

Lab File: BN017855.D

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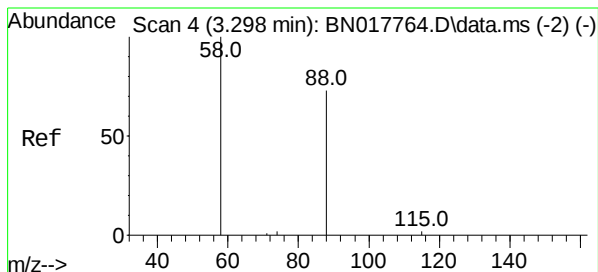
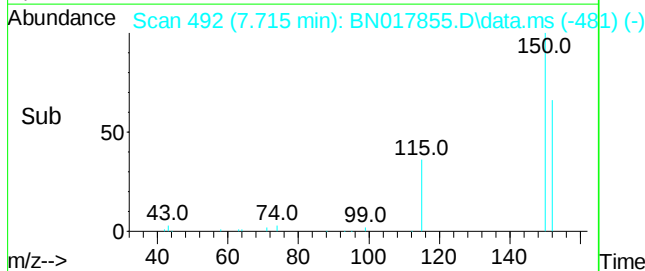
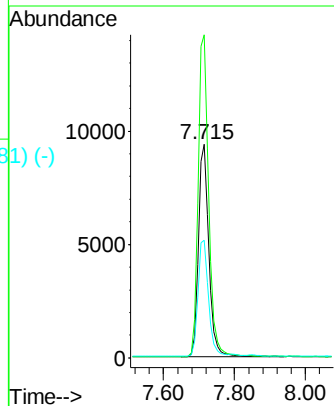
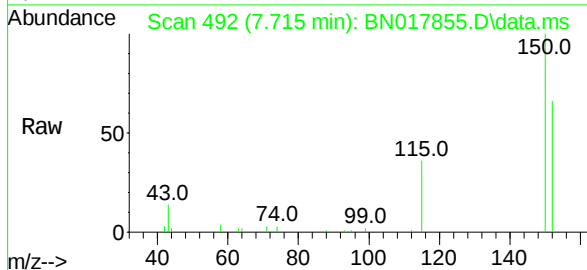
Tgt Ion:152 Resp: 19316

Ion Ratio Lower Upper

152 100

150 151.2 123.0 184.4

115 54.9 45.3 67.9



#2

1,4-Dioxane

Concen: 4.66 ng

RT: 3.270 min Scan# 10

Delta R.T. -0.028 min

Lab File: BN017855.D

Acq: 10 Dec 2021 05:19

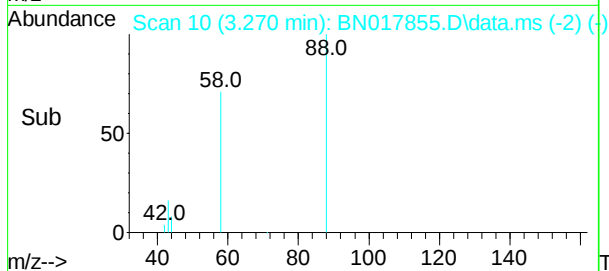
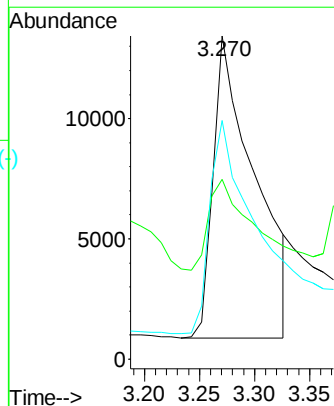
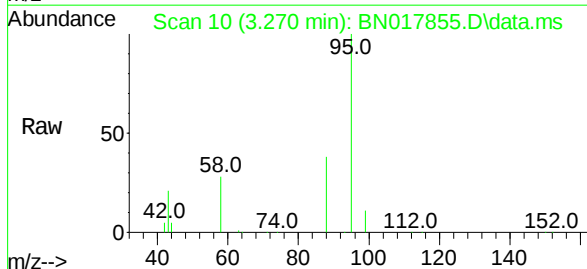
Tgt Ion: 88 Resp: 33141

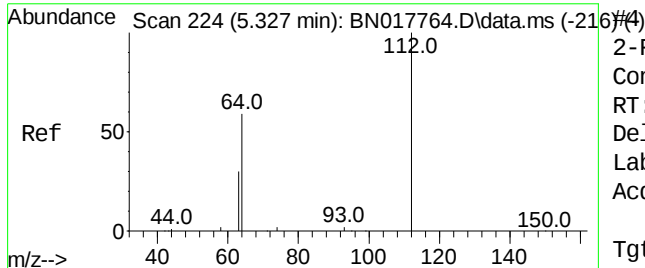
Ion Ratio Lower Upper

88 100

43 30.5 0.0 0.0#

58 73.4 0.0 0.0#





2-Fluorophenol

Concen: 0.11 ng

RT: 5.336 min Scan# 1

Delta R.T. 0.009 min

Lab File: BN017855.D

Acq: 10 Dec 2021 05:19

Instrument :

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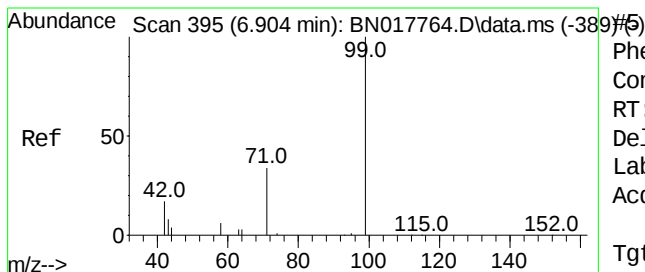
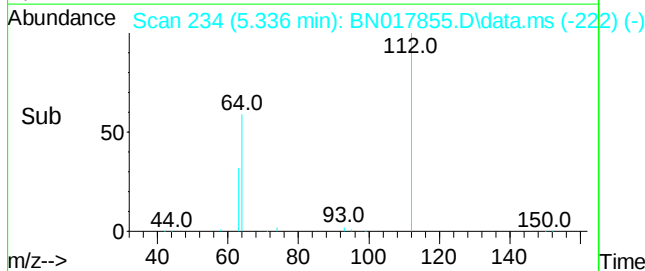
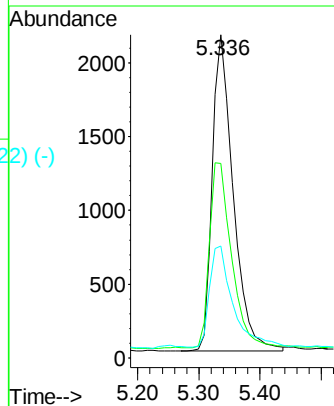
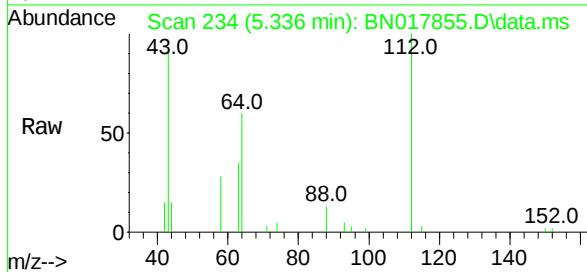
Tgt Ion:112 Resp: 5059

Ion Ratio Lower Upper

112 100

64 62.0 49.3 73.9

63 35.8 25.8 38.8



Phenol-d6

Concen: 0.06 ng

RT: 6.903 min Scan# 404

Delta R.T. -0.000 min

Lab File: BN017855.D

Acq: 10 Dec 2021 05:19

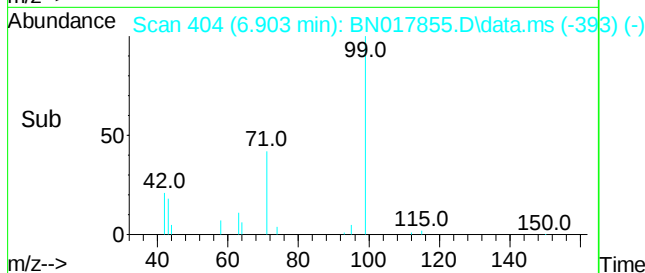
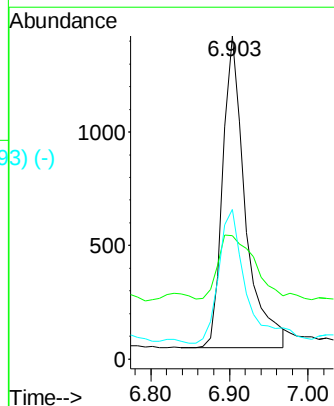
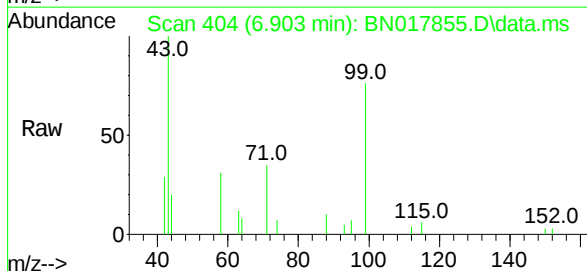
Tgt Ion: 99 Resp: 2762

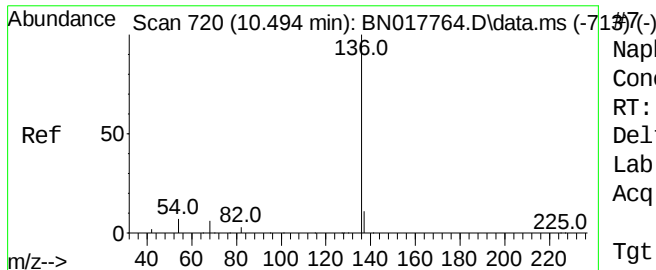
Ion Ratio Lower Upper

99 100

42 32.7 16.6 25.0#

71 49.3 29.0 43.4#





Naphthalene-d8

Concen: 0.40 ng

RT: 10.494 min Scan#

Delta R.T. -0.000 min

Lab File: BN017855.D

Acq: 10 Dec 2021 05:19

Instrument :

BNA_N

ClientSampleId :

TT180D1-20211201

Tgt Ion:136 Resp: 77341

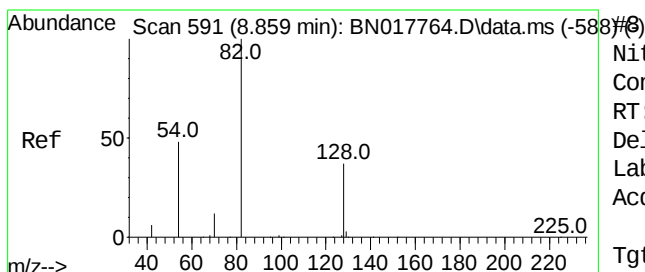
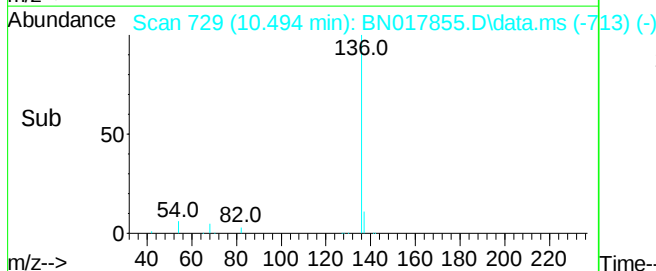
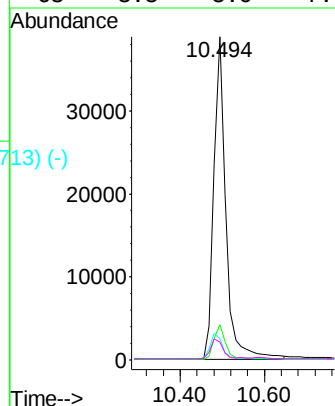
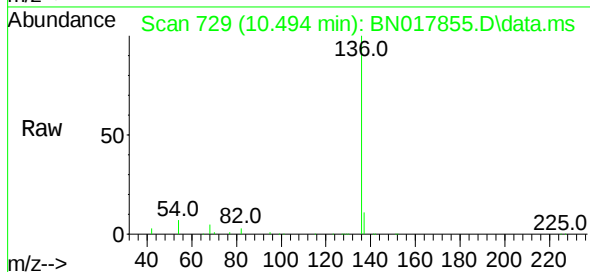
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 6.6 5.9 8.9

68 5.5 5.0 7.6



Nitrobenzene-d5

Concen: 0.28 ng

RT: 8.859 min Scan# 600

Delta R.T. -0.000 min

Lab File: BN017855.D

Acq: 10 Dec 2021 05:19

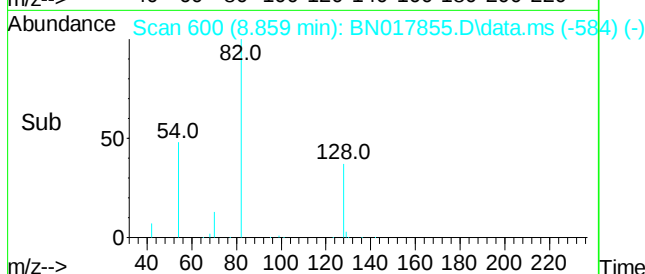
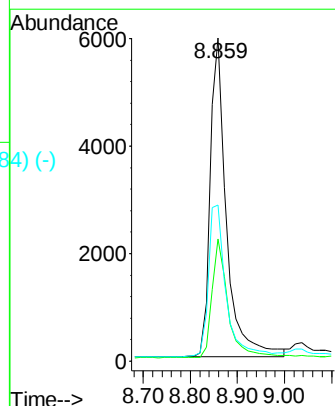
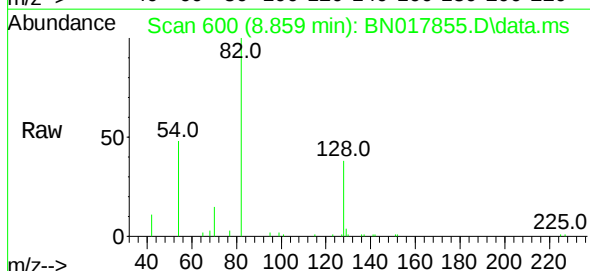
Tgt Ion: 82 Resp: 14202

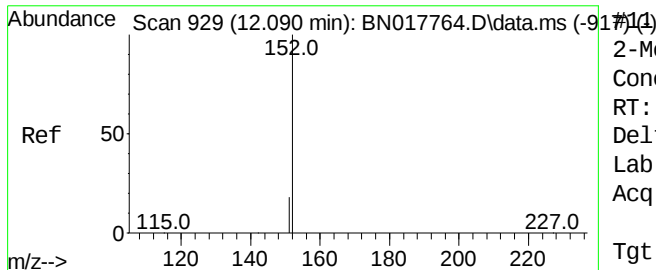
Ion Ratio Lower Upper

82 100

128 37.7 30.2 45.2

54 48.4 39.0 58.6

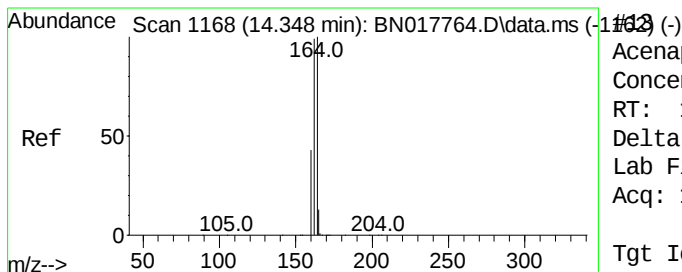
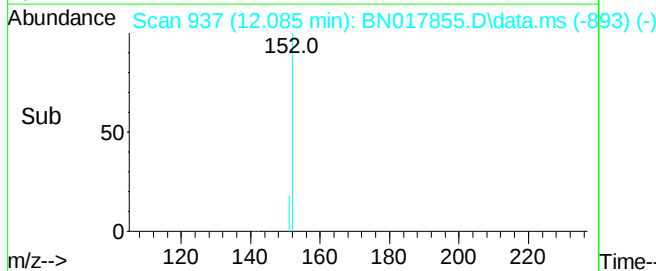
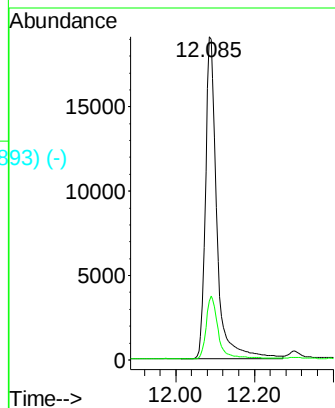
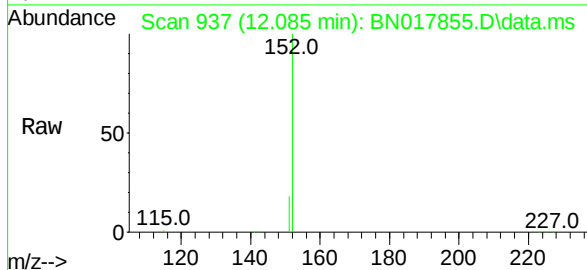




2-Methylnaphthalene-d10
 Concen: 0.25 ng
 RT: 12.085 min Scan# 1174
 Delta R.T. -0.005 min
 Lab File: BN017855.D
 Acq: 10 Dec 2021 05:19

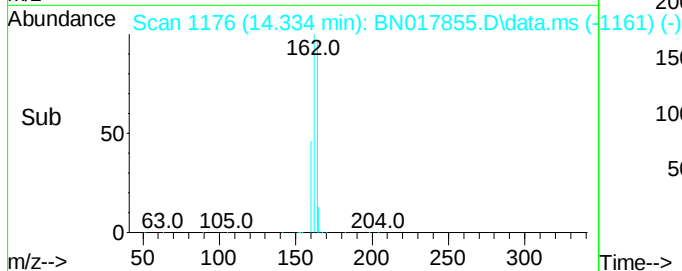
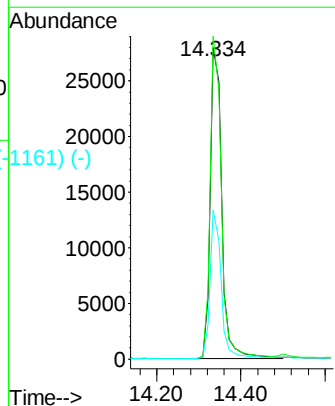
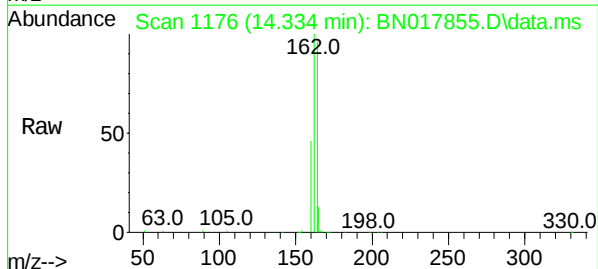
Instrument :
 BNA_N
 ClientSampleId :
 TT180D1-20211201

Tgt Ion:152 Resp: 38639
 Ion Ratio Lower Upper
 152 100
 151 20.9 16.4 24.6



Acenaphthene-d10
 Concen: 0.40 ng
 RT: 14.334 min Scan# 1176
 Delta R.T. -0.013 min
 Lab File: BN017855.D
 Acq: 10 Dec 2021 05:19

Tgt Ion:164 Resp: 52803
 Ion Ratio Lower Upper
 164 100
 162 103.7 79.0 118.6
 160 47.9 34.6 52.0



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

2,4,6-Tribromophenol

Concen: 0.14 ng

RT: 15.844 min Scan# 1286

Delta R.T. -0.000 min

Lab File: BN017855.D

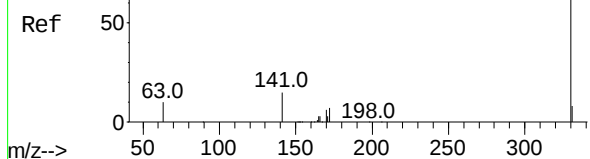
Acq: 10 Dec 2021 05:19

Instrument :

BNA_N

ClientSampleId :

TT180D1-20211201



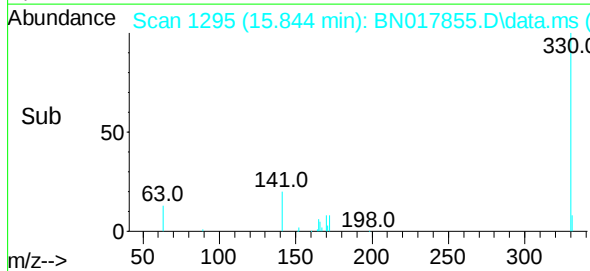
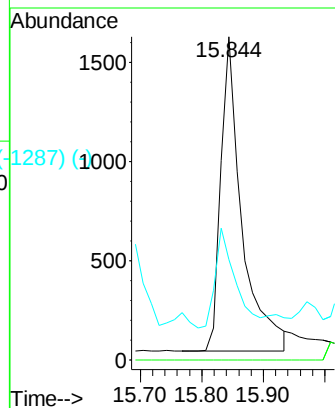
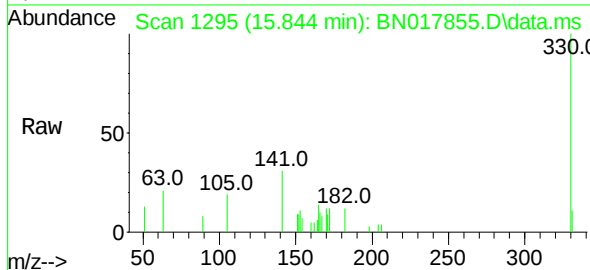
Tgt Ion:330 Resp: 3744

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 30.4 21.5 32.3



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: BN017855.D

Acq: 10 Dec 2021 05:19

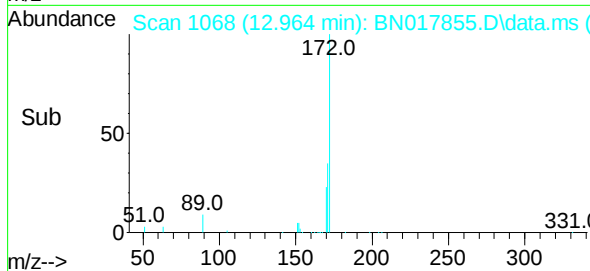
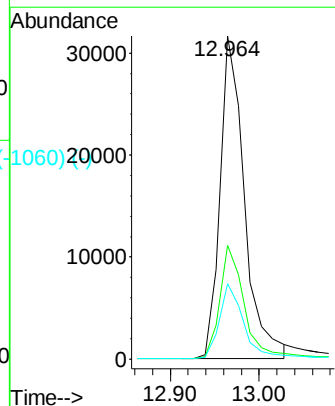
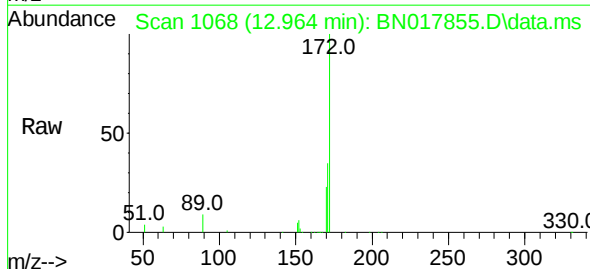
Tgt Ion:172 Resp: 60510

Ion Ratio Lower Upper

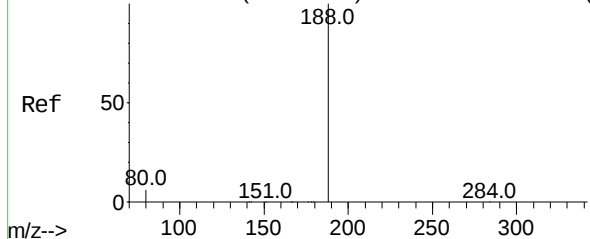
172 100

171 35.3 28.1 42.1

170 23.4 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: BN017855.D

Acq: 10 Dec 2021 05:19

Instrument :

BNA_N

ClientSampleId :

TT180D1-20211201

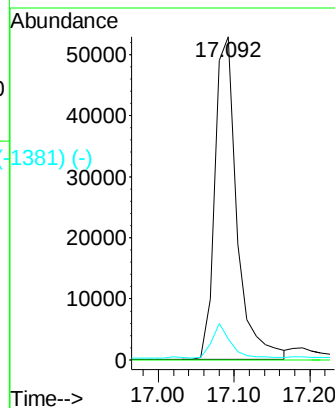
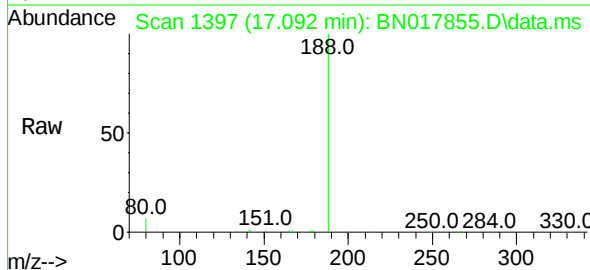
Tgt Ion:188 Resp: 107266

Ion Ratio Lower Upper

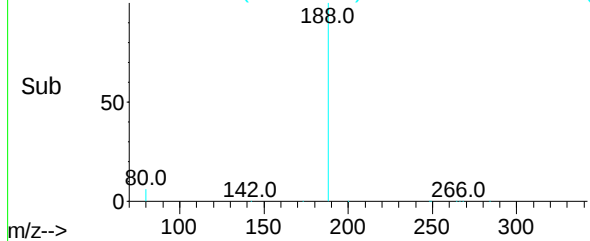
188 100

94 0.0 0.0 0.0

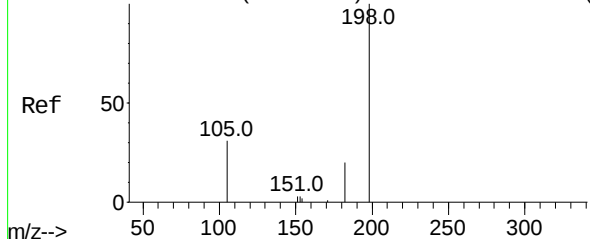
80 6.5 5.1 7.7



Abundance Scan 1397 (17.092 min): BN017855.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: 15.451 min Scan# 1264

Delta R.T. -0.038 min

Lab File: BN017855.D

Acq: 10 Dec 2021 05:19

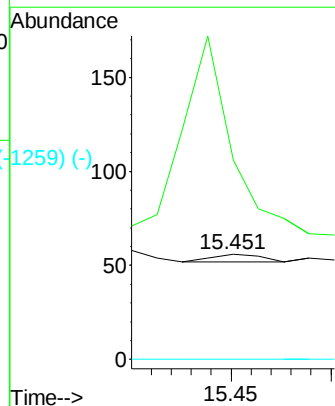
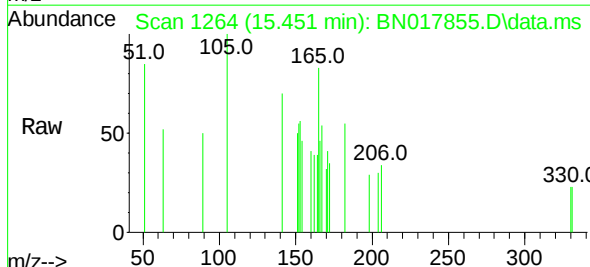
Tgt Ion:198 Resp: 7

Ion Ratio Lower Upper

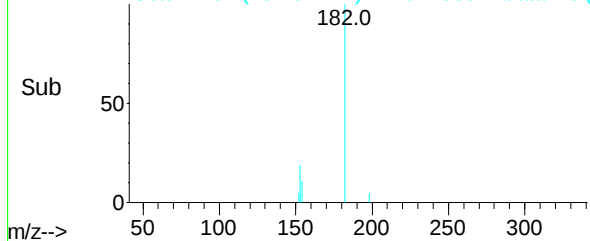
198 100

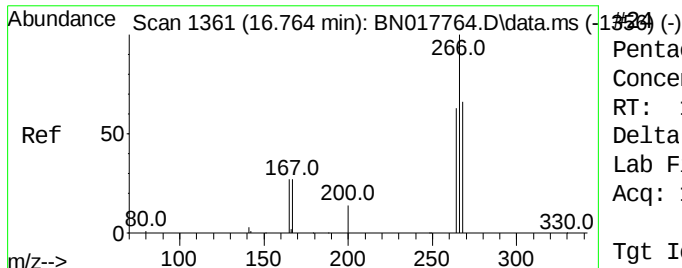
182 189.3 44.2 66.2#

77 0.0 0.0 0.0



Abundance Scan 1264 (15.451 min): BN017855.D\data.ms (-1259) (-)

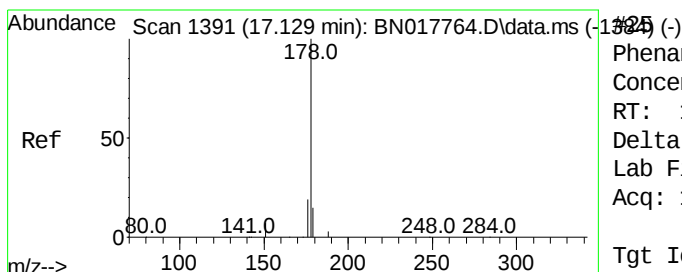
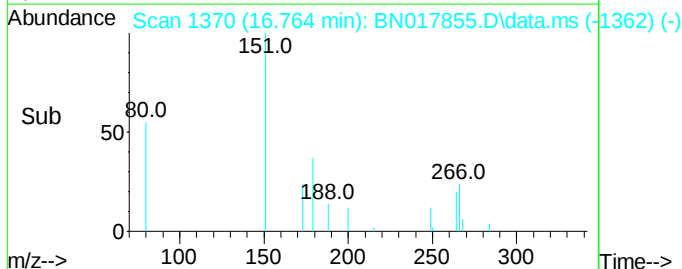
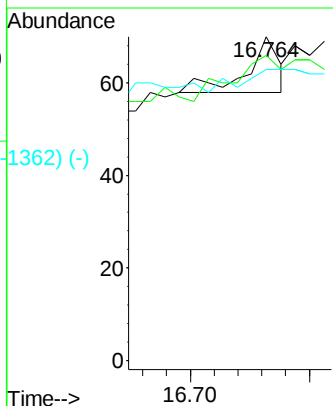
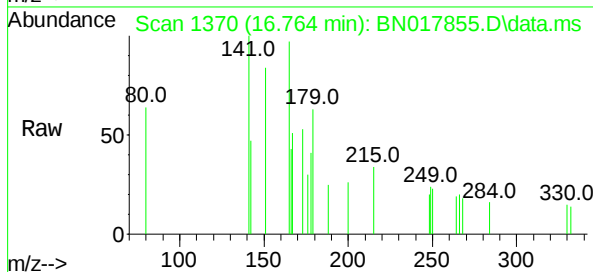




Pentachlorophenol
Concen: 0.28 ng
RT: 16.764 min Scan# 1324
Delta R.T. -0.000 min
Lab File: BN017855.D
Acq: 10 Dec 2021 05:19

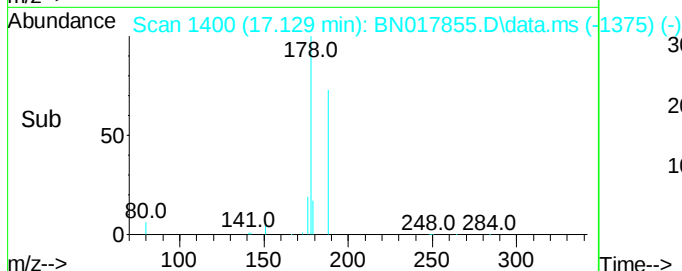
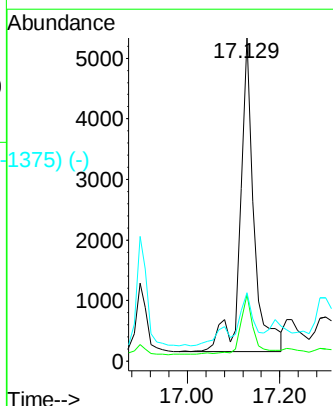
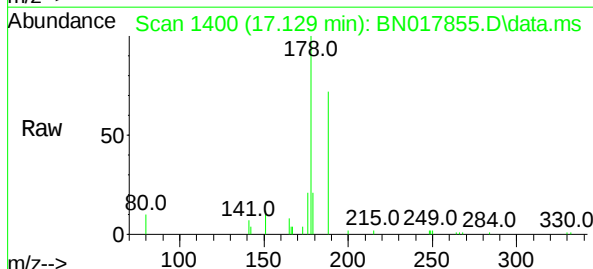
Instrument :
BNA_N
ClientSampleId :
TT180D1-20211201

Tgt Ion:266 Resp: 23
Ion Ratio Lower Upper
266 100
264 121.7 50.8 76.2#
268 100.0 51.8 77.6#

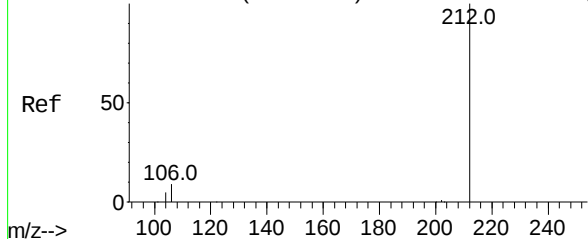


Phenanthrene
Concen: 0.04 ng
RT: 17.129 min Scan# 1400
Delta R.T. -0.000 min
Lab File: BN017855.D
Acq: 10 Dec 2021 05:19

Tgt Ion:178 Resp: 10506
Ion Ratio Lower Upper
178 100
176 19.4 15.0 22.6
179 11.9 12.5 18.7#



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



Fluoranthene-d10

Concen: 0.37 ng

RT: 19.124 min Scan# 1625

Delta R.T. -0.005 min

Lab File: BN017855.D

Acq: 10 Dec 2021 05:19

Instrument :

BNA_N

ClientSampleId :

TT180D1-20211201

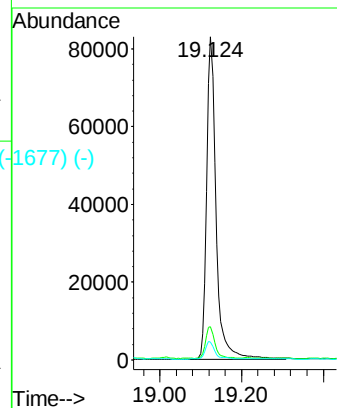
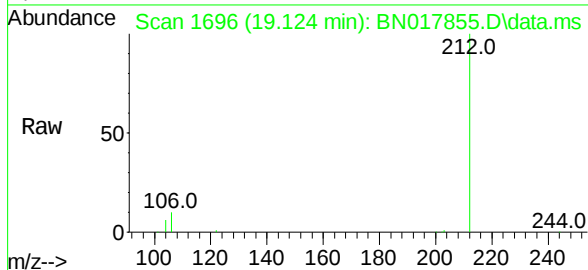
Tgt Ion:212 Resp: 133087

Ion Ratio Lower Upper

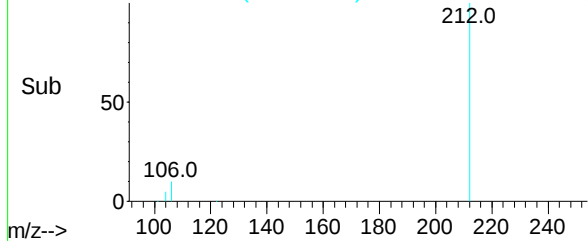
212 100

106 9.8 8.2 12.2

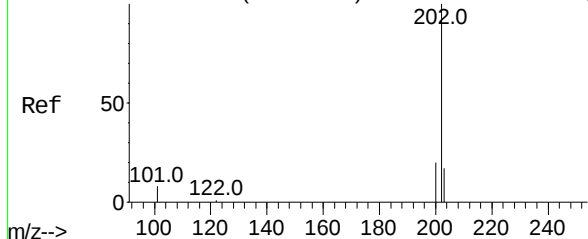
104 5.8 4.6 6.8



Abundance Scan 1696 (19.124 min): BN017855.D\data.ms (-1677) (-)



Abundance Scan 1694 (19.159 min): BN017764.D\data.ms (-1623) (-)



Fluoranthene

Concen: 0.02 ng

RT: 19.154 min Scan# 1702

Delta R.T. -0.005 min

Lab File: BN017855.D

Acq: 10 Dec 2021 05:19

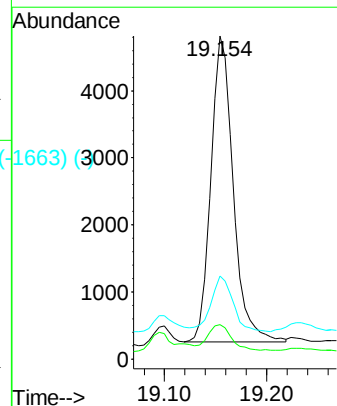
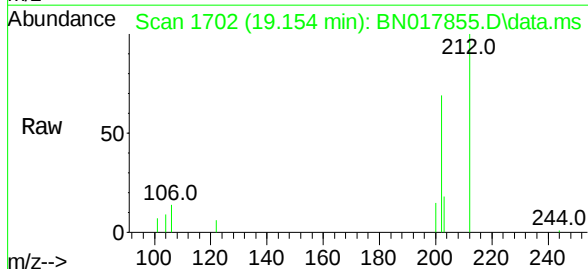
Tgt Ion:202 Resp: 6918

Ion Ratio Lower Upper

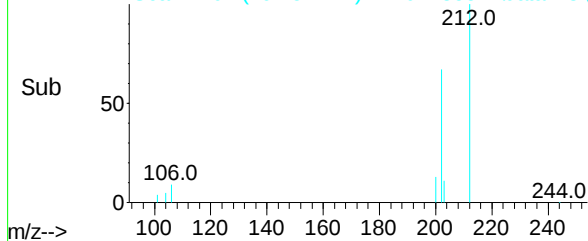
202 100

101 9.9 7.2 10.8

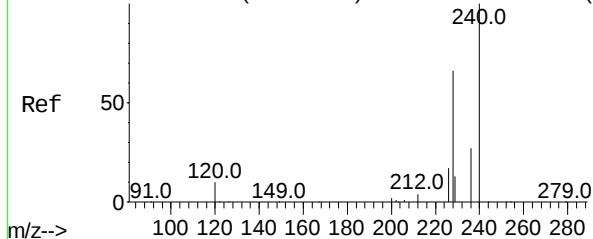
203 18.4 13.7 20.5



Abundance Scan 1702 (19.154 min): BN017855.D\data.ms (-1663) (-)



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



Chrysene-d12

Concen: 0.40 ng

RT: 21.282 min Scan#

Delta R.T. -0.000 min

Lab File: BN017855.D

Acq: 10 Dec 2021 05:19

Instrument :

BNA_N

ClientSampleId :

TT180D1-20211201

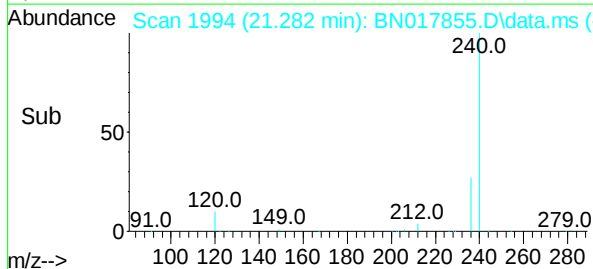
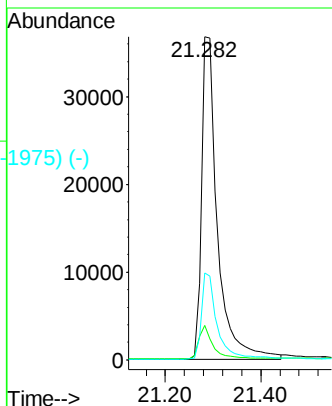
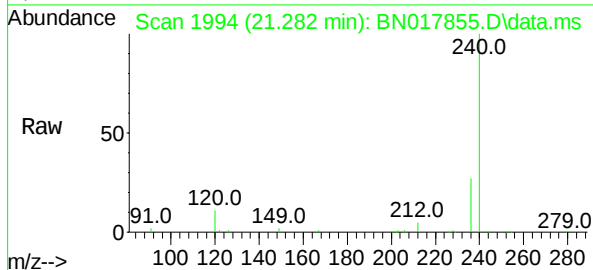
Tgt Ion:240 Resp: 83911

Ion Ratio Lower Upper

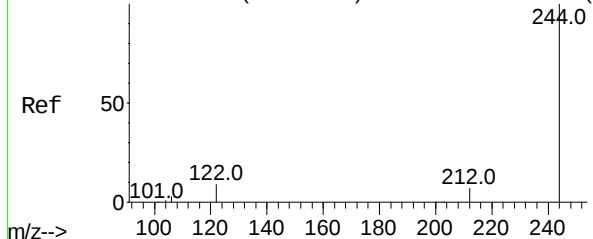
240 100

120 10.8 7.9 11.9

236 27.0 21.4 32.2



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



Terphenyl-d14

Concen: 0.59 ng

RT: 19.730 min Scan# 1818

Delta R.T. -0.005 min

Lab File: BN017855.D

Acq: 10 Dec 2021 05:19

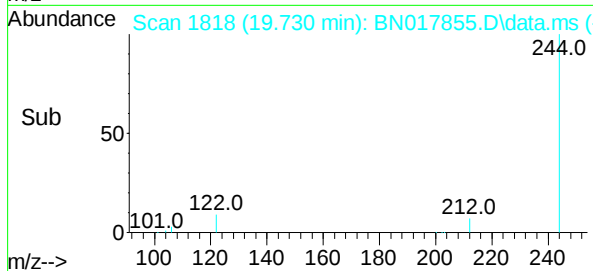
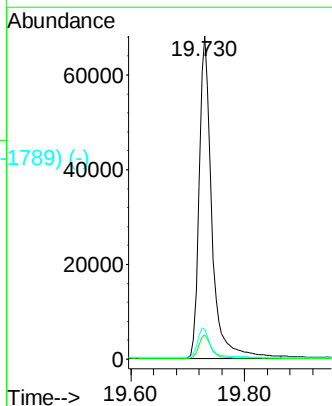
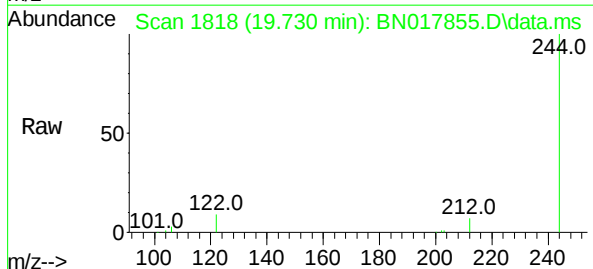
Tgt Ion:244 Resp: 106150

Ion Ratio Lower Upper

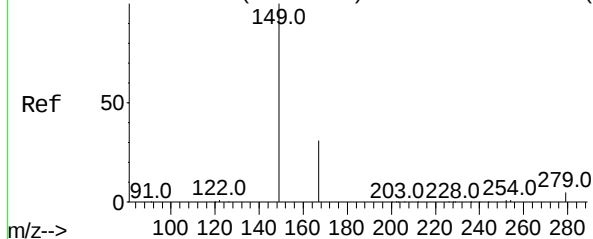
244 100

212 7.5 5.8 8.8

122 9.2 7.1 10.7



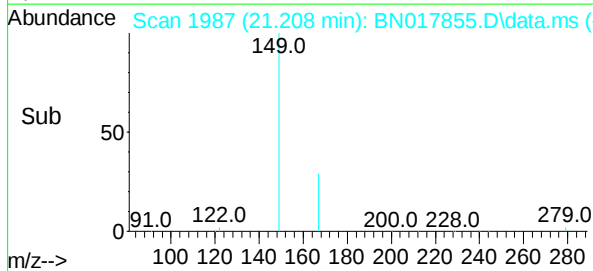
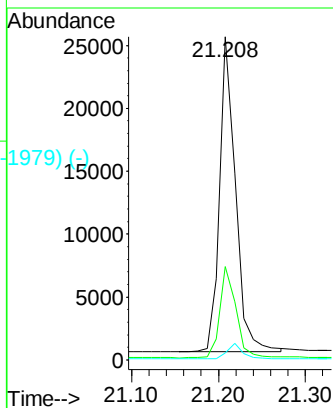
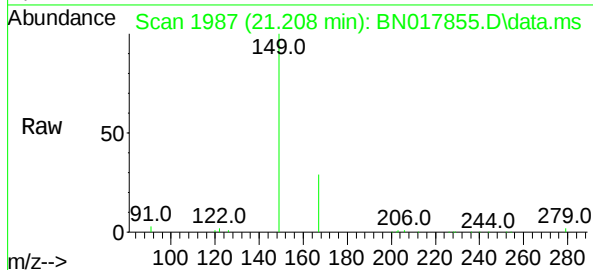
Abundance Scan 1979 (21.219 min): BN017764.D\data.ms (-1979)



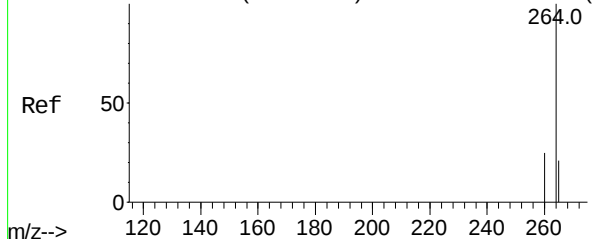
Bis(2-ethylhexyl)phthalate
Concen: 0.27 ng
RT: 21.208 min Scan# 1987
Delta R.T. -0.011 min
Lab File: BN017855.D
Acq: 10 Dec 2021 05:19

Instrument :
BNA_N
ClientSampleId :
TT180D1-20211201

Tgt Ion:	149	Resp:	32045
Ion	Ratio	Lower	Upper
149	100		
167	29.2	23.5	35.3
279	4.7	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# 2444
Delta R.T. 0.003 min
Lab File: BN017855.D
Acq: 10 Dec 2021 05:19

Tgt Ion:	264	Resp:	46914
Ion	Ratio	Lower	Upper
264	100		
260	25.5	20.0	30.0
265	23.3	20.5	30.7

