

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120921\
 Data File : BN017854.D
 Acq On : 10 Dec 2021 04:43
 Operator : CG/JU
 Sample : M4923-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT180D2-20211201

Quant Time: Dec 10 06:51:52 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)

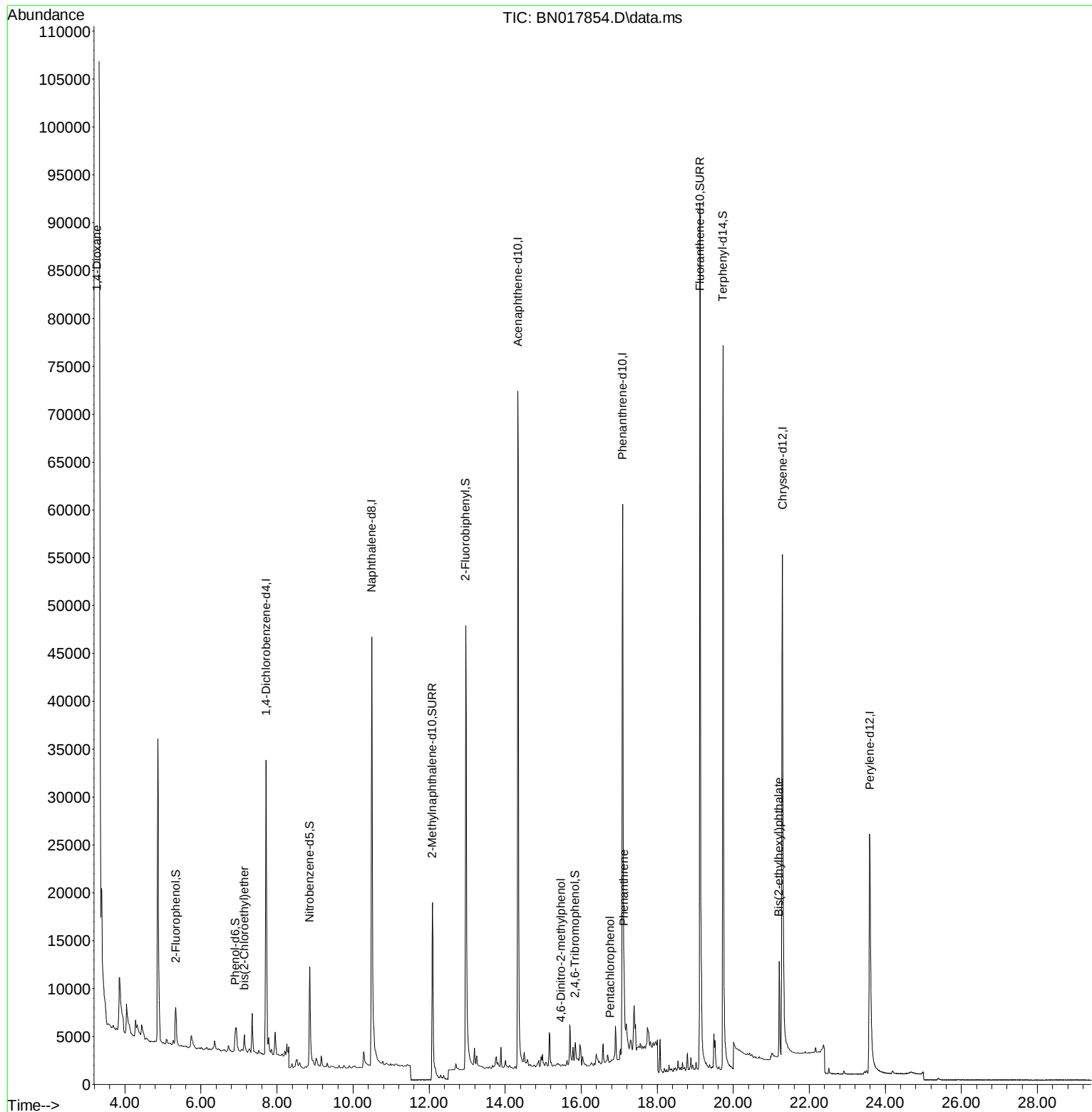
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	19338	0.40	ng	0.00
7) Naphthalene-d8	10.494	136	75136	0.40	ng	0.00
13) Acenaphthene-d10	14.334	164	52680	0.40	ng	-0.01
19) Phenanthrene-d10	17.092	188	104941	0.40	ng	0.00
29) Chrysene-d12	21.293	240	81498	0.40	ng	# 0.01
35) Perylene-d12	23.589	264	52677	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	4634	0.10	ng	0.00
5) Phenol-d6	6.903	99	2407	0.05	ng	0.00
8) Nitrobenzene-d5	8.859	82	12399	0.25	ng	0.00
11) 2-Methylnaphthalene-d10	12.089	152	34185	0.23	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	2931	0.11	ng	0.00
15) 2-Fluorobiphenyl	12.964	172	52339	0.27	ng	0.00
27) Fluoranthene-d10	19.124	212	129805	0.37	ng	0.00
31) Terphenyl-d14	19.730	244	102433	0.59	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.270	88	54166	7.61	ng	# 100
6) bis(2-Chloroethyl)ether	7.143	93	1605	0.03	ng	97
20) 4,6-Dinitro-2-methylph...	15.463	198	5	0.09	ng	# 1
24) Pentachlorophenol	16.764	266	9	0.28	ng	# 28
25) Phenanthrene	17.129	178	6349	0.02	ng	# 95
34) Bis(2-ethylhexyl)phtha...	21.208	149	10225	0.09	ng	99

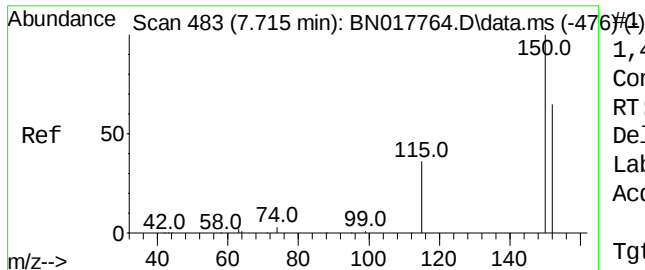
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BN017854.D

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Instrument :

BNA_N

ClientSampleId :

TT180D2-20211201

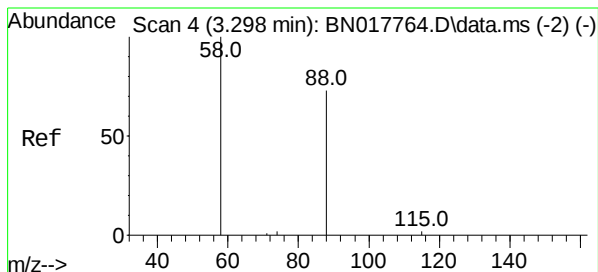
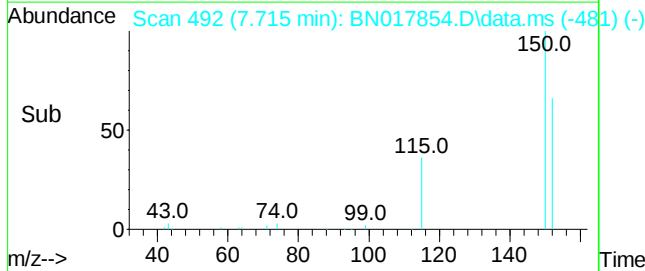
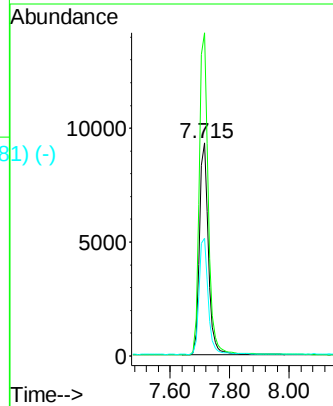
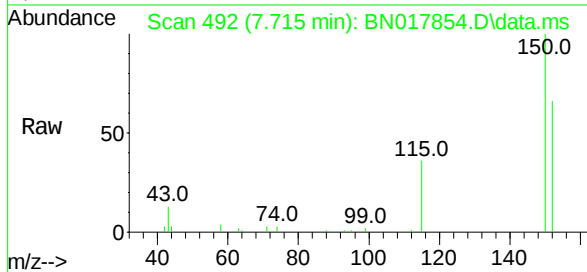
Tgt Ion:152 Resp: 19338

Ion Ratio Lower Upper

152 100

150 151.5 123.0 184.4

115 55.3 45.3 67.9



#2

1,4-Dioxane

Concen: 7.61 ng

RT: 3.270 min Scan# 10

Delta R.T. -0.028 min

Lab File: BN017854.D

Acq: 10 Dec 2021 04:43

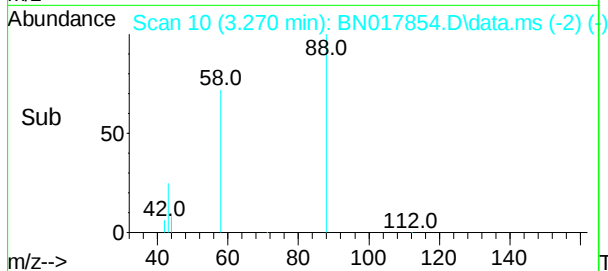
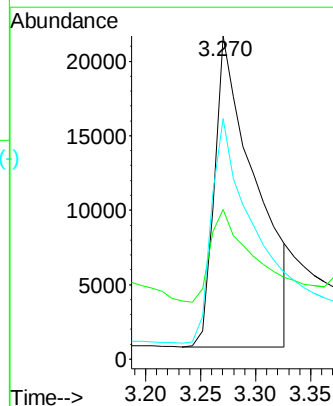
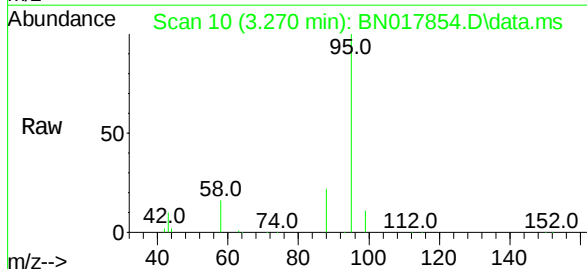
Tgt Ion: 88 Resp: 54166

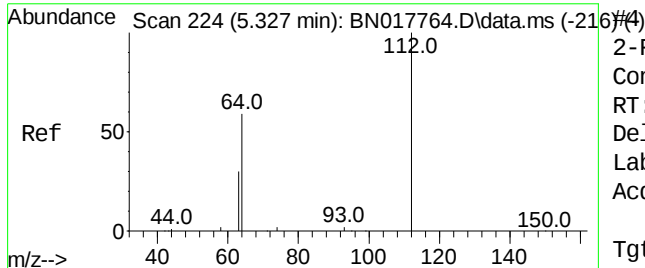
Ion Ratio Lower Upper

88 100

43 30.1 0.0 0.0#

58 73.8 0.0 0.0#





2-Fluorophenol

Concen: 0.10 ng

RT: 5.336 min Scan# 1

Delta R.T. 0.009 min

Lab File: BN017854.D

Acq: 10 Dec 2021 04:43

Instrument :

BNA_N

ClientSampleId :

TT180D2-20211201

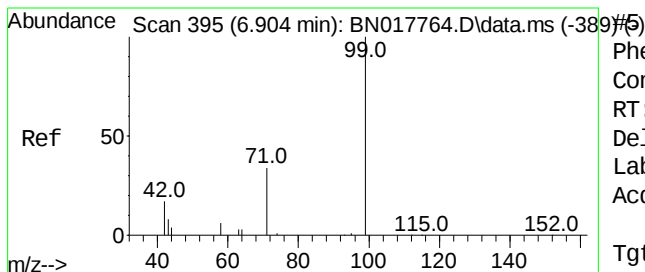
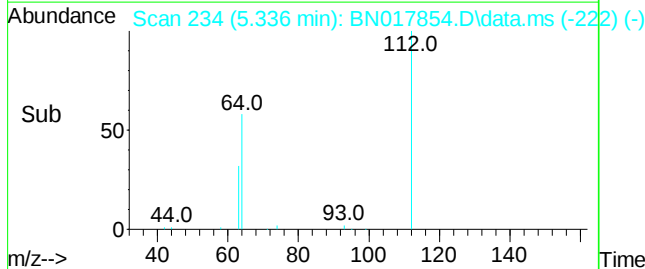
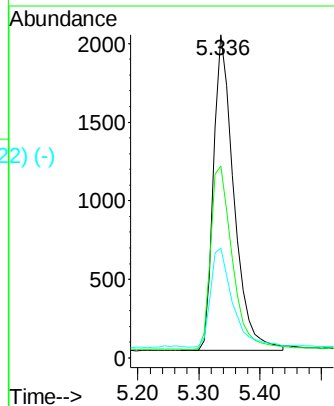
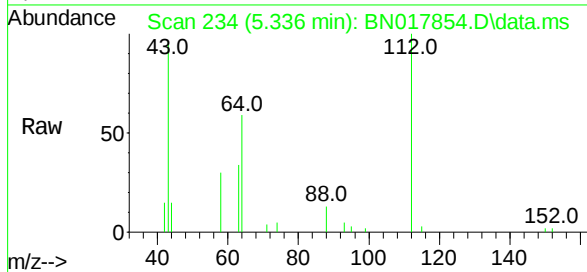
Tgt Ion:112 Resp: 4634

Ion Ratio Lower Upper

112 100

64 62.0 49.3 73.9

63 34.1 25.8 38.8



Phenol-d6

Concen: 0.05 ng

RT: 6.903 min Scan# 404

Delta R.T. -0.001 min

Lab File: BN017854.D

Acq: 10 Dec 2021 04:43

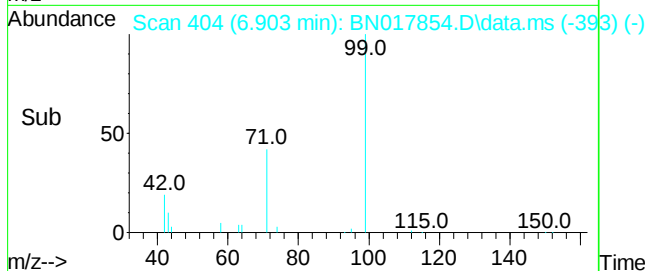
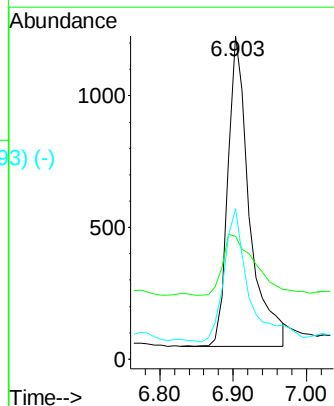
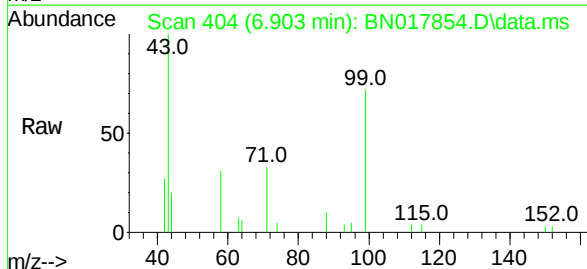
Tgt Ion: 99 Resp: 2407

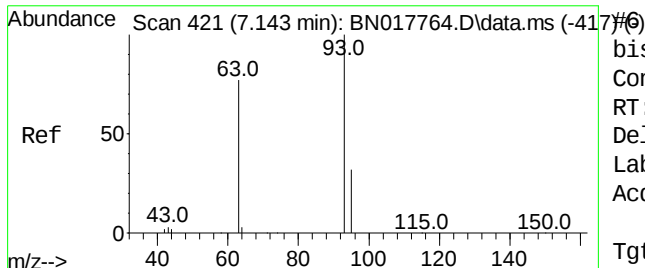
Ion Ratio Lower Upper

99 100

42 28.8 16.6 25.0#

71 46.5 29.0 43.4#

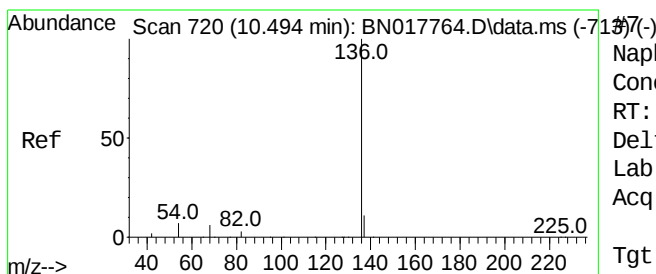
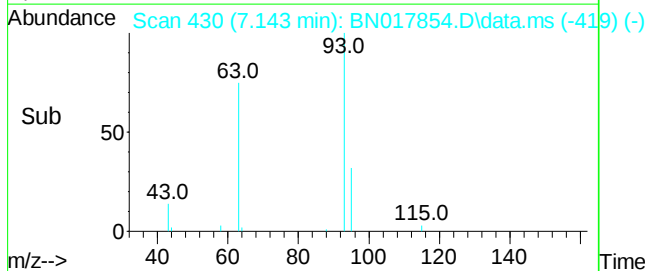
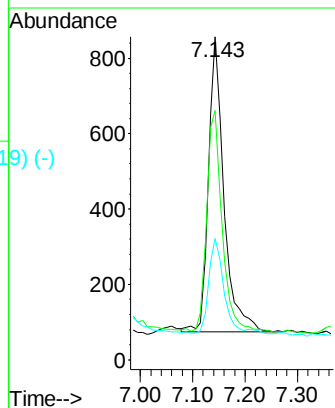
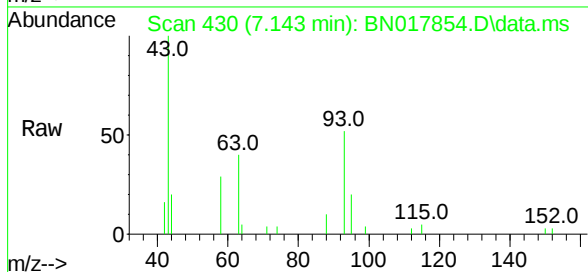




bis(2-Chloroethyl)ether
 Concen: 0.03 ng
 RT: 7.143 min Scan# 417
 Delta R.T. -0.001 min
 Lab File: BN017854.D
 Acq: 10 Dec 2021 04:43

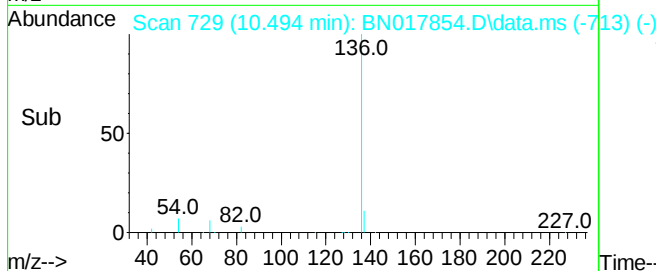
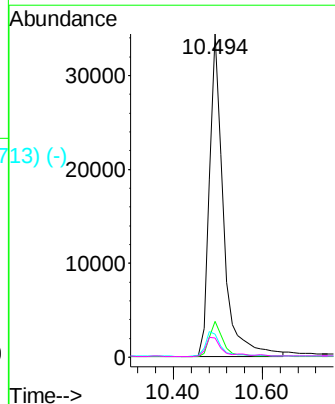
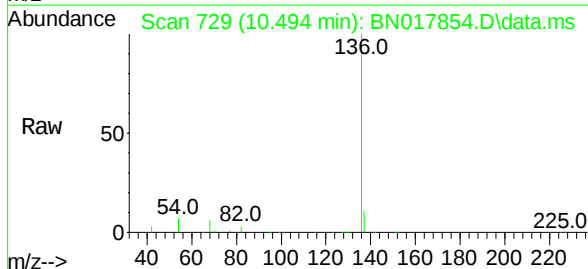
Instrument :
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 ClientSampleId :
 TT180D2-20211201

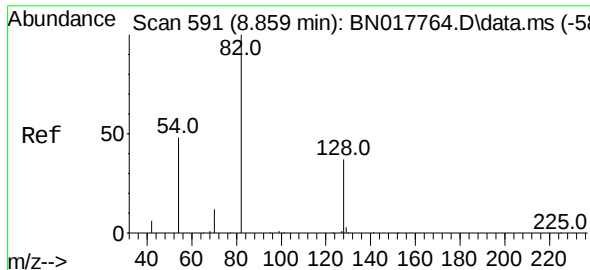
Tgt Ion:	93	Resp:	1605
Ion	Ratio	Lower	Upper
93	100		
63	75.0	62.0	93.0
95	31.8	26.4	39.6



Naphthalene-d8
 Concen: 0.40 ng
 RT: 10.494 min Scan# 729
 Delta R.T. -0.001 min
 Lab File: BN017854.D
 Acq: 10 Dec 2021 04:43

Tgt Ion:	136	Resp:	75136
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.1	5.9	8.9
68	6.0	5.0	7.6





Nitrobenzene-d5

Concen: 0.25 ng

RT: 8.859 min Scan# 600

Delta R.T. -0.001 min

Lab File: BN017854.D

Acq: 10 Dec 2021 04:43

Instrument :

BNA_N

ClientSampleId :

TT180D2-20211201

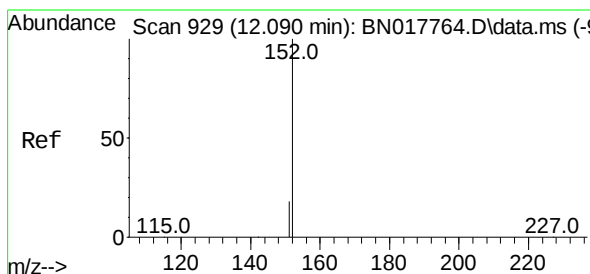
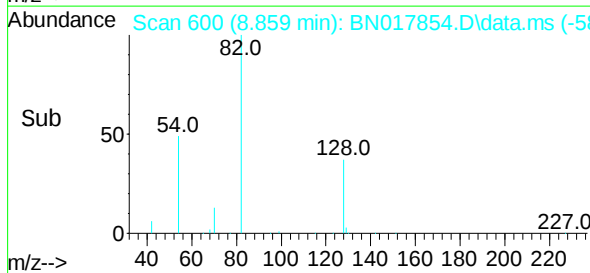
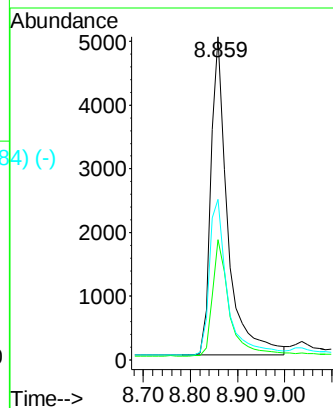
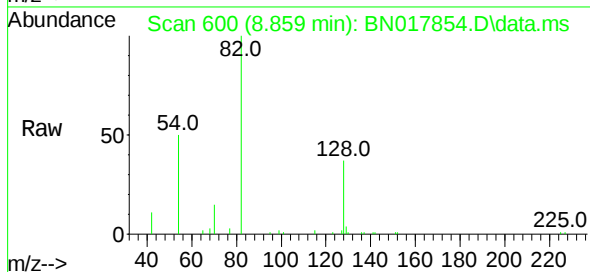
Tgt Ion: 82 Resp: 12399

Ion Ratio Lower Upper

82 100

128 37.3 30.2 45.2

54 49.7 39.0 58.6



2-Methylnaphthalene-d10

Concen: 0.23 ng

RT: 12.089 min Scan# 938

Delta R.T. -0.001 min

Lab File: BN017854.D

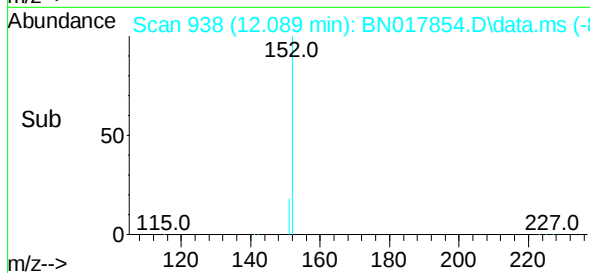
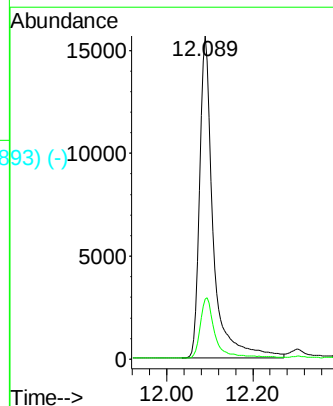
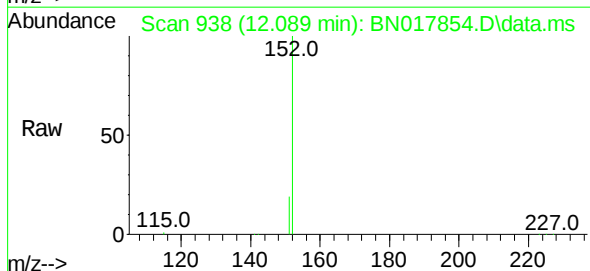
Acq: 10 Dec 2021 04:43

Tgt Ion:152 Resp: 34185

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: 14.334 min Scan# 1168

Delta R.T. -0.013 min

Lab File: BN017854.D

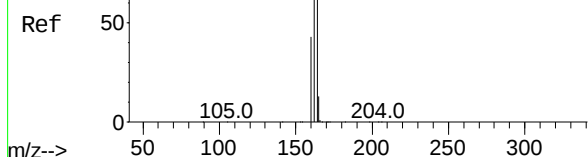
Acq: 10 Dec 2021 04:43

Instrument :

BNA_N

ClientSampleId :

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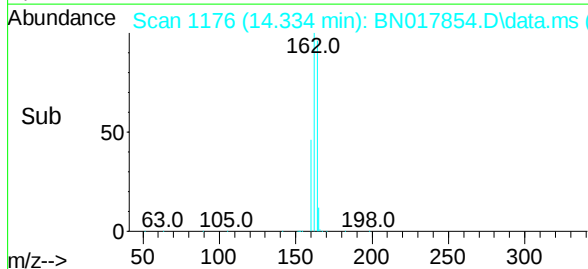
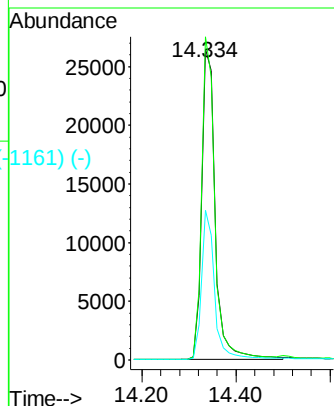
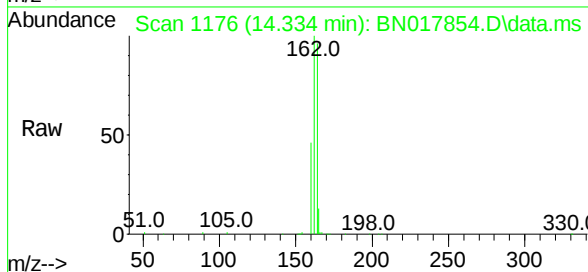
Tgt Ion:164 Resp: 52680

Ion Ratio Lower Upper

164 100

162 103.9 79.0 118.6

160 48.2 34.6 52.0



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

2,4,6-Tribromophenol

Concen: 0.11 ng

RT: 15.844 min Scan# 1295

Delta R.T. -0.001 min

Lab File: BN017854.D

Acq: 10 Dec 2021 04:43

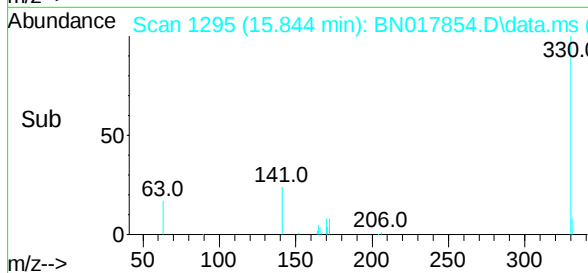
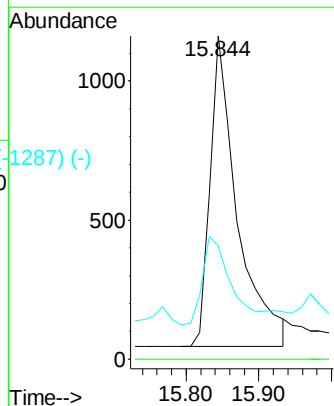
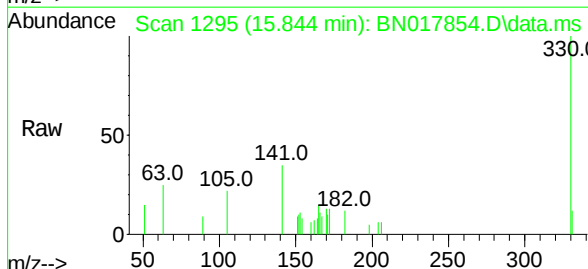
Tgt Ion:330 Resp: 2931

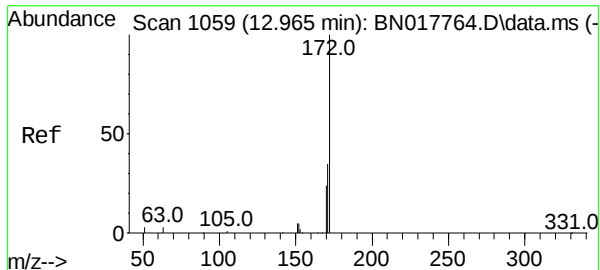
Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 32.0 21.5 32.3

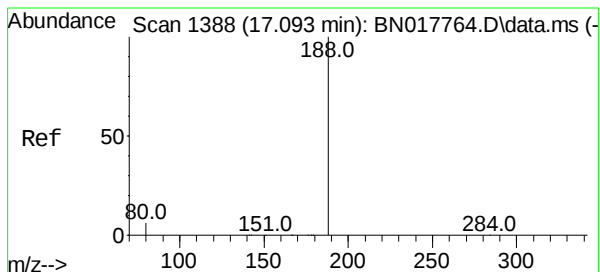
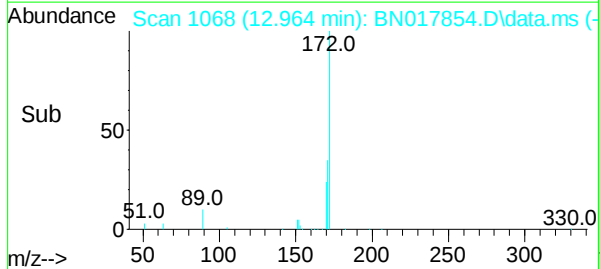
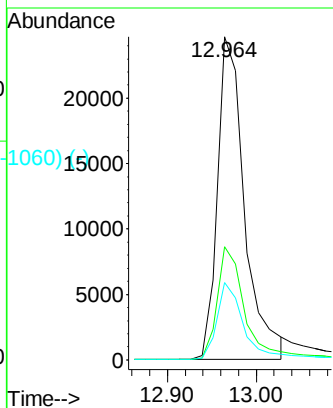
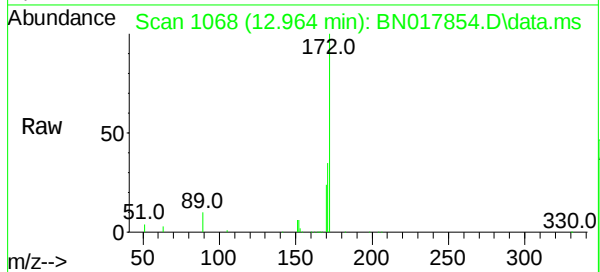




2-Fluorobiphenyl
 Concen: 0.27 ng
 RT: 12.964 min Scan# 1059
 Delta R.T. -0.001 min
 Lab File: BN017854.D
 Acq: 10 Dec 2021 04:43

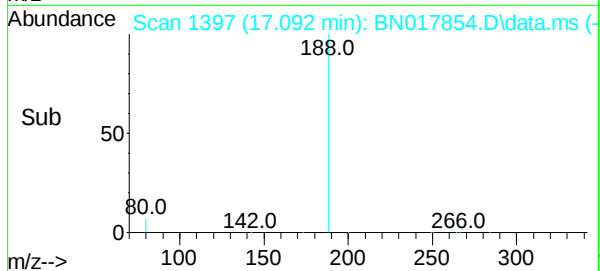
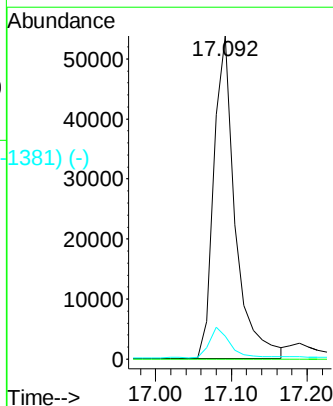
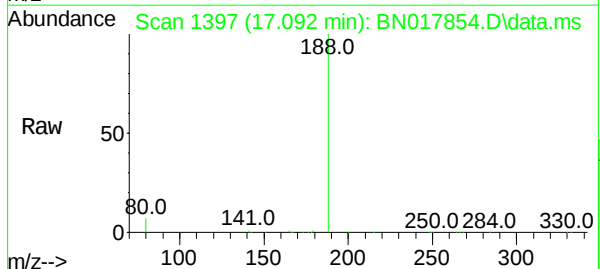
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Tgt Ion:	172	Resp:	52339
Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.1	42.1
170	23.9	18.9	28.3



Phenanthrene-d10
 Concen: 0.40 ng
 RT: 17.092 min Scan# 1397
 Delta R.T. -0.001 min
 Lab File: BN017854.D
 Acq: 10 Dec 2021 04:43

Tgt Ion:	188	Resp:	104941
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.1	5.1	7.7



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

4,6-Dinitro-2-methylphenol

Concen: 0.09 ng

RT: 15.463 min Scan# 1259

Delta R.T. -0.026 min

Lab File: BN017854.D

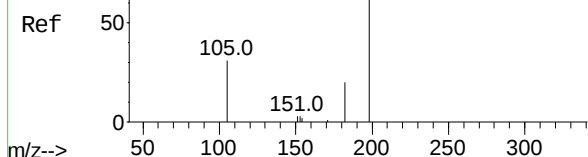
Acq: 10 Dec 2021 04:43

Instrument :

BNA_N

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TT180D2-20211201



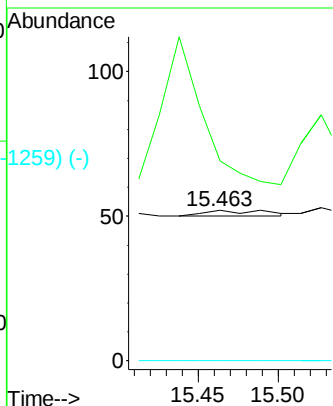
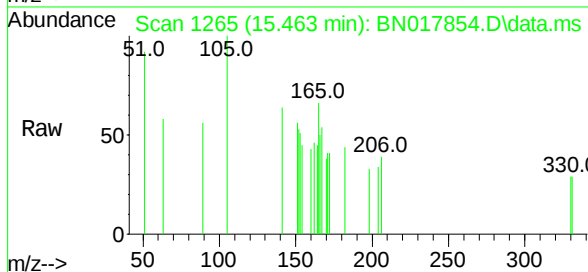
Tgt Ion:198 Resp: 5

Ion Ratio Lower Upper

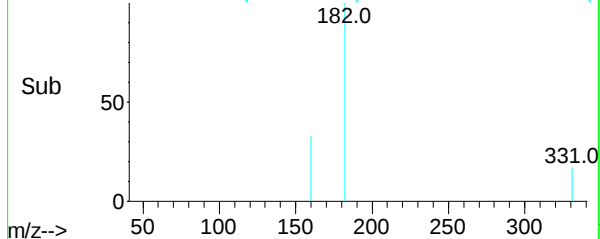
198 100

182 132.7 44.2 66.2#

77 0.0 0.0 0.0



Abundance Scan 1265 (15.463 min): BN017854.D\data.ms (-1259) (-)



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

Pentachlorophenol

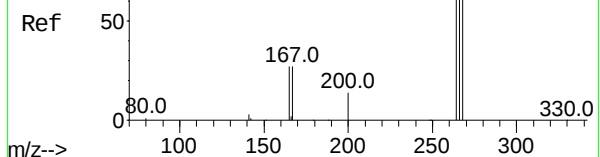
Concen: 0.28 ng

RT: 16.764 min Scan# 1370

Delta R.T. -0.000 min

Lab File: BN017854.D

Acq: 10 Dec 2021 04:43



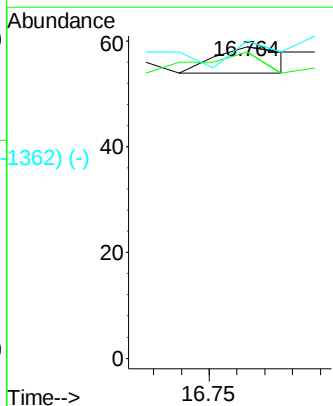
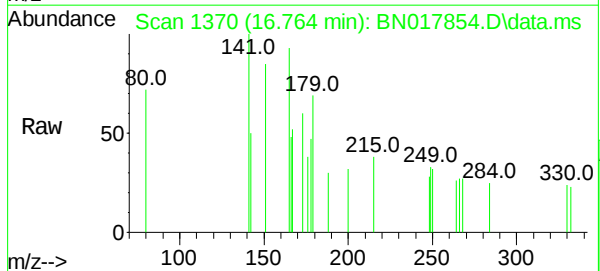
Tgt Ion:266 Resp: 9

Ion Ratio Lower Upper

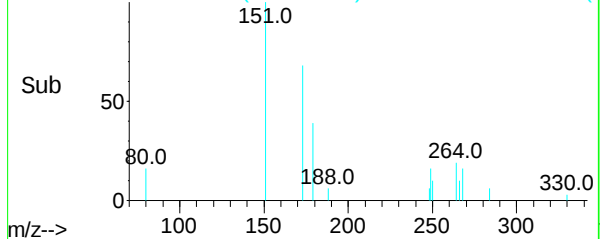
266 100

264 111.1 50.8 76.2#

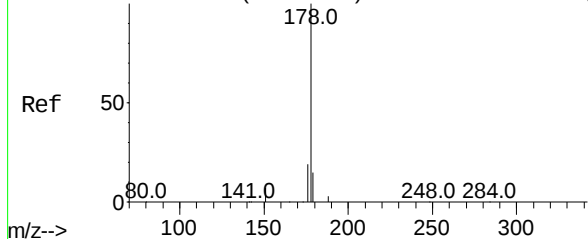
268 0.0 51.8 77.6#



Abundance Scan 1370 (16.764 min): BN017854.D\data.ms (-1362) (-)



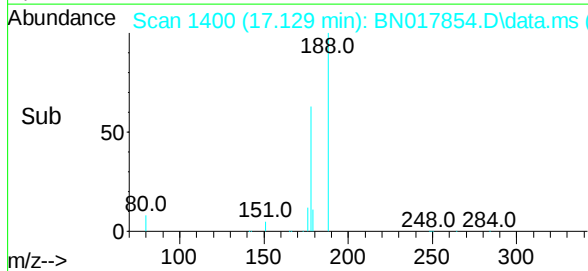
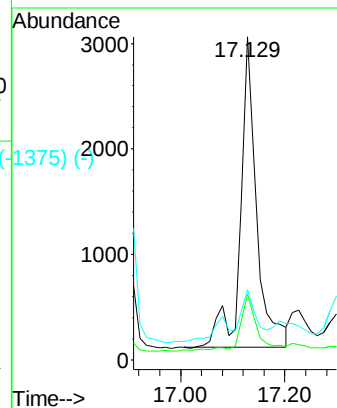
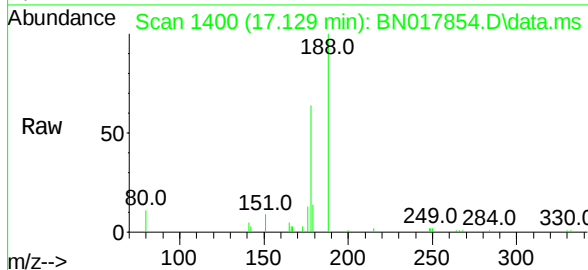
Abundance Scan 1391 (17.129 min): BN017764.D\data.ms (-1325) (-)



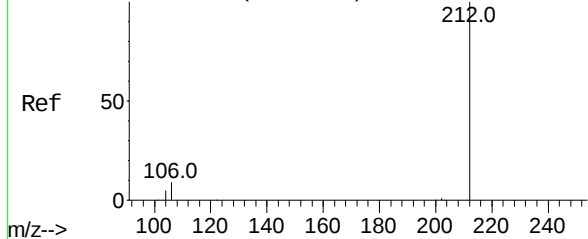
Phenanthrene
Concen: 0.02 ng
RT: 17.129 min Scan# 1391
Delta R.T. -0.001 min
Lab File: BN017854.D
Acq: 10 Dec 2021 04:43

Instrument :
BNA_N
ClientSampleId :
TT180D2-20211201

Tgt Ion:178 Resp: 6349
Ion Ratio Lower Upper
178 100
176 19.6 15.0 22.6
179 11.7 12.5 18.7#

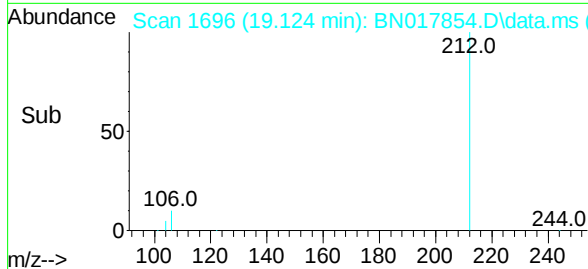
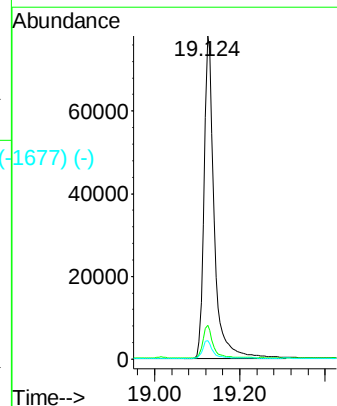
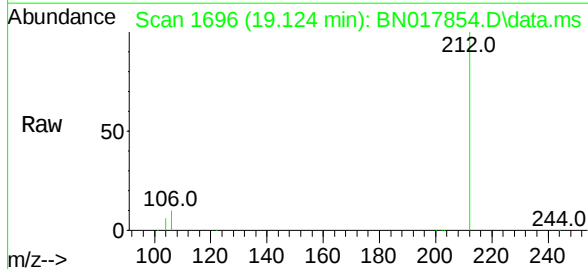


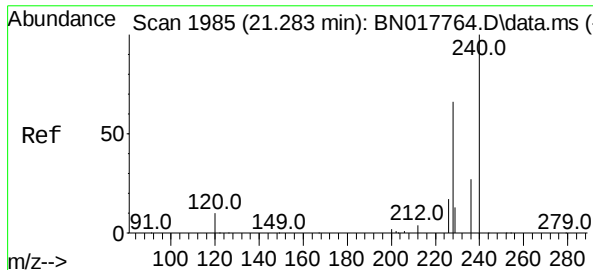
Abundance Scan 1688 (19.130 min): BN017764.D\data.ms (-1625) (-)



Fluoranthene-d10
Concen: 0.37 ng
RT: 19.124 min Scan# 1696
Delta R.T. -0.006 min
Lab File: BN017854.D
Acq: 10 Dec 2021 04:43

Tgt Ion:212 Resp: 129805
Ion Ratio Lower Upper
212 100
106 9.8 8.2 12.2
104 5.7 4.6 6.8

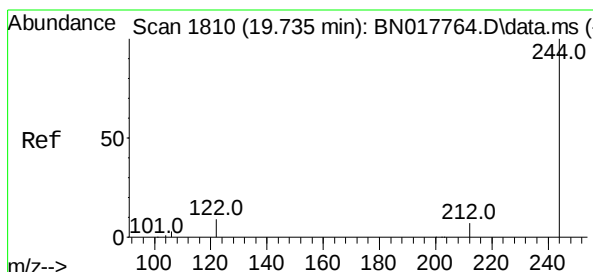
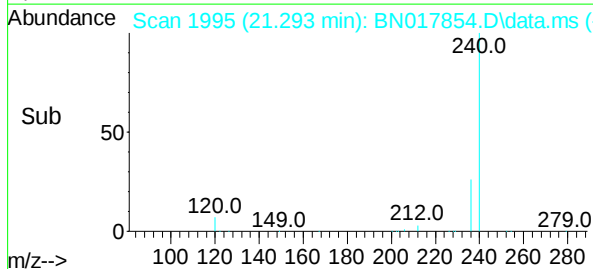
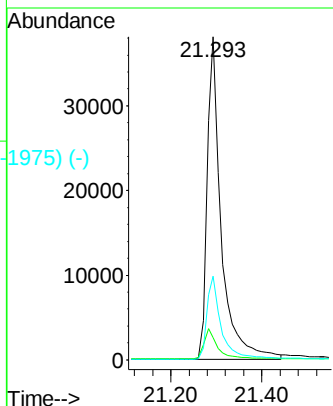
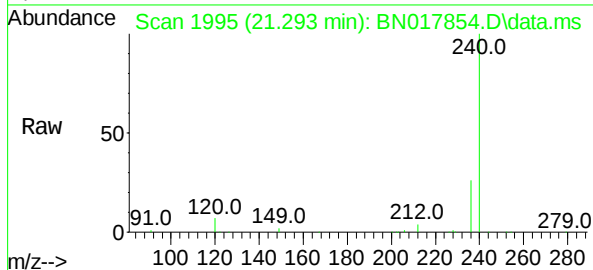




Chrysene-d12
 Concen: 0.40 ng
 RT: 21.293 min Scan# 1985
 Delta R.T. 0.010 min
 Lab File: BN017854.D
 Acq: 10 Dec 2021 04:43

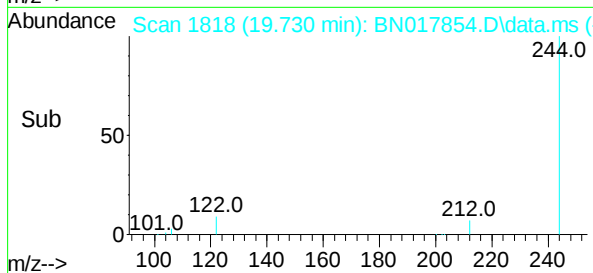
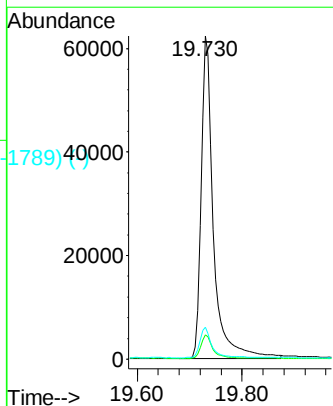
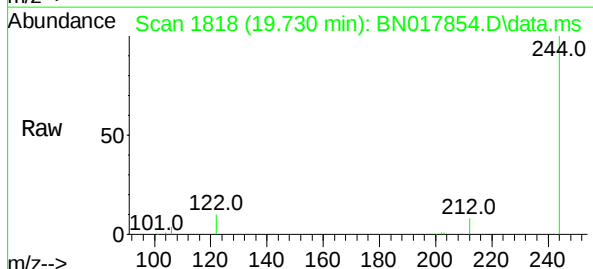
Instrument :
 BNA_N
 ClientSampleId :
 TT180D2-20211201

Tgt Ion:	240	Resp:	81498
Ion Ratio	Lower	Upper	
240	100		
120	6.9	7.9	11.9#
236	26.0	21.4	32.2



Terphenyl-d14
 Concen: 0.59 ng
 RT: 19.730 min Scan# 1818
 Delta R.T. -0.006 min
 Lab File: BN017854.D
 Acq: 10 Dec 2021 04:43

Tgt Ion:	244	Resp:	102433
Ion Ratio	Lower	Upper	
244	100		
212	7.6	5.8	8.8
122	9.8	7.1	10.7



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

Bis(2-ethylhexyl)phthalate

Concen: 0.09 ng

RT: 21.208 min Scan# 1987

Delta R.T. -0.011 min

Lab File: BN017854.D

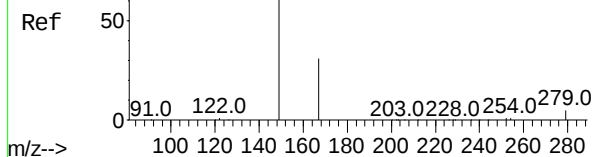
Acq: 10 Dec 2021 04:43

Instrument :

BNA_N

ClientSampleId :

TT180D2-20211201



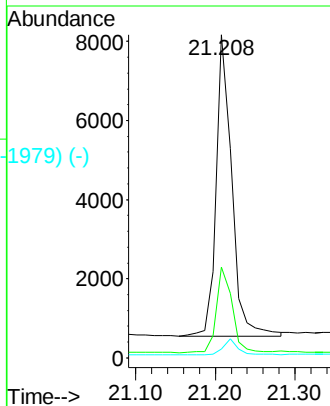
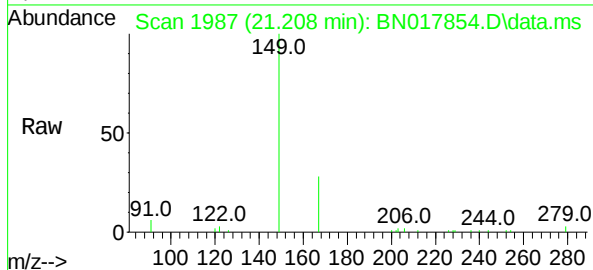
Tgt Ion:149 Resp: 10225

Ion Ratio Lower Upper

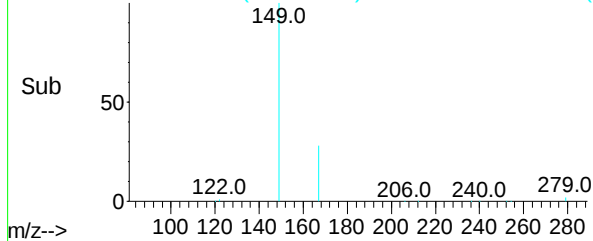
149 100

167 28.9 23.5 35.3

279 4.9 3.8 5.6



Abundance Scan 1987 (21.208 min): BN017854.D\data.ms (-1979) (-)



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

Perylene-d12

Concen: 0.40 ng

RT: 23.589 min Scan# 2445

Delta R.T. 0.006 min

Lab File: BN017854.D

Acq: 10 Dec 2021 04:43

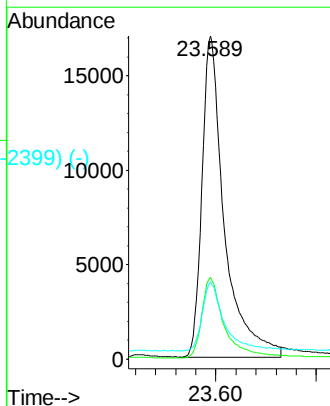
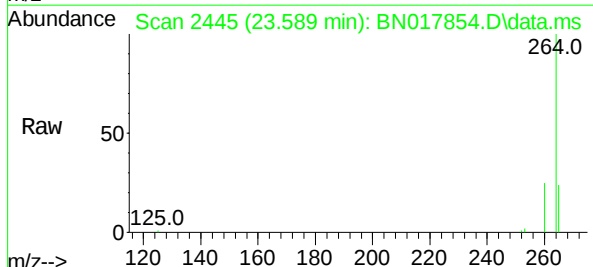
Tgt Ion:264 Resp: 52677

Ion Ratio Lower Upper

264 100

260 25.4 20.0 30.0

265 23.9 20.5 30.7



Abundance Scan 2445 (23.589 min): BN017854.D\data.ms (-2399) (-)

