

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110921\
 Data File : BN017354.D
 Acq On : 09 Nov 2021 17:54
 Operator : CG/JU
 Sample : M4431-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW9-GW-358-360

Quant Time: Nov 10 11:21:10 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN110921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 10 11:00:44 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

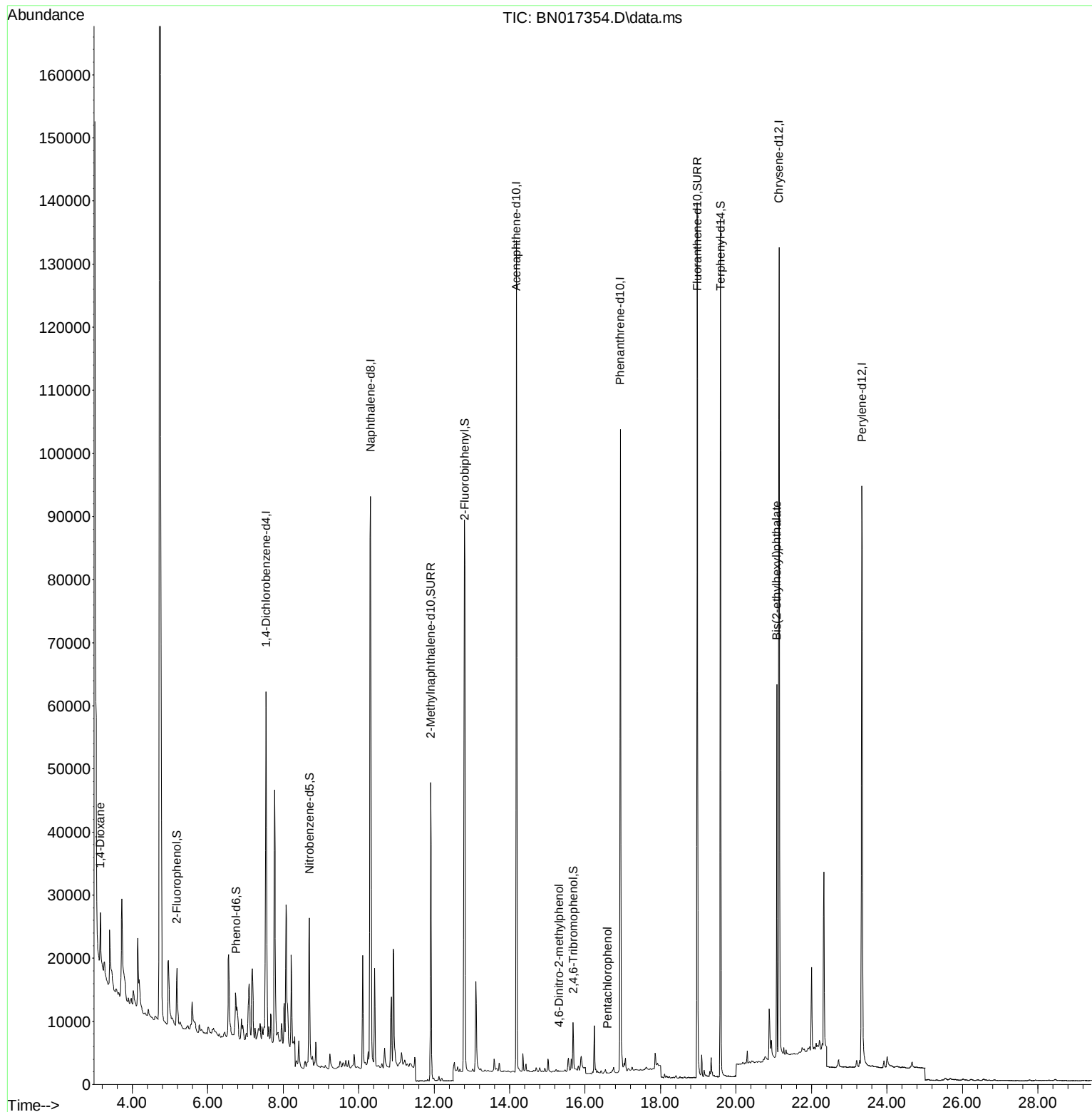
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.551	152	28512	0.400	ng	0.00
7) Naphthalene-d8	10.319	136	135074	0.400	ng	0.01
13) Acenaphthene-d10	14.181	164	72426	0.400	ng	0.00
19) Phenanthrene-d10	16.934	188	133015	0.400	ng	0.00
29) Chrysene-d12	21.144	240	131298	0.400	ng	0.01
35) Perylene-d12	23.335	264	123695	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.182	112	9667	0.147	ng	0.02
5) Phenol-d6	6.749	99	6835	0.094	ng	0.02
8) Nitrobenzene-d5	8.697	82	22395	0.276	ng	0.01
11) 2-Methylnaphthalene-d10	11.911	152	64311	0.323	ng	0.00
14) 2,4,6-Tribromophenol	15.691	330	6059	0.224	ng	0.01
15) 2-Fluorobiphenyl	12.811	172	84534	0.307	ng	0.01
27) Fluoranthene-d10	18.975	212	153477	0.453	ng	0.00
31) Terphenyl-d14	19.590	244	138116	0.472	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.153	88	4626	0.290	ng	# 92
20) 4,6-Dinitro-2-methylph...	15.310	198	15	0.188	ng	# 1
24) Pentachlorophenol	16.593	266	31	0.221	ng	# 89
34) Bis(2-ethylhexyl)phtha...	21.080	149	48159	0.343	ng	# 99

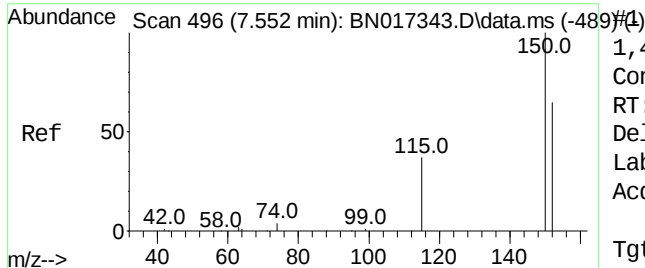
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.551 min Scan# 4

Delta R.T. 0.010 min

Lab File: BN017354.D

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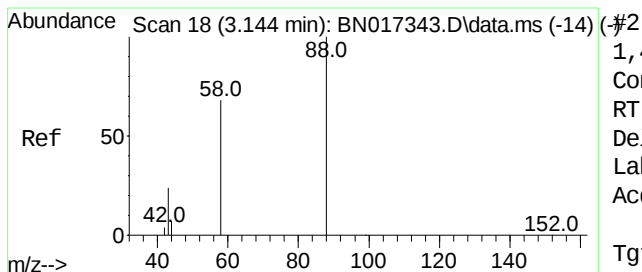
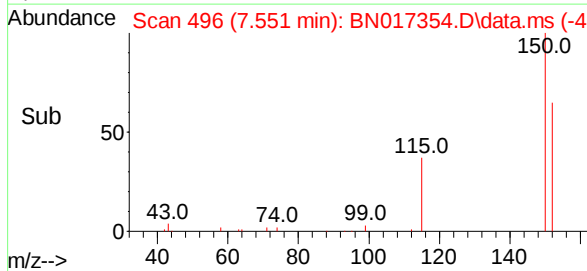
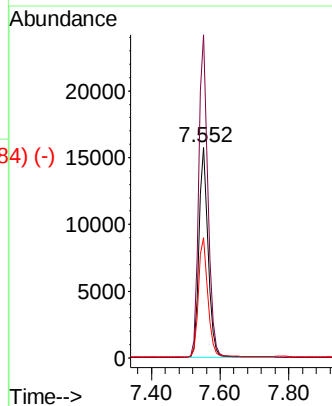
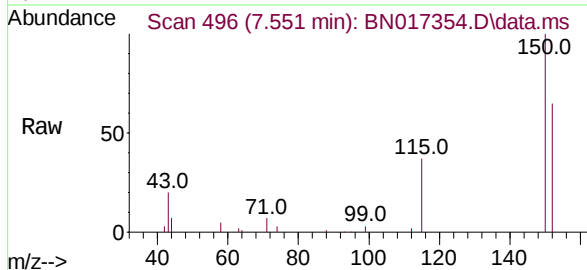
Tgt Ion:152 Resp: 28512

Ion Ratio Lower Upper

152 100

150 153.3 123.0 184.4

115 57.1 45.6 68.4



1,4-Dioxane

Concen: 0.290 ng

RT: 3.153 min Scan# 19

Delta R.T. 0.009 min

Lab File: BN017354.D

Acq: 09 Nov 2021 17:54

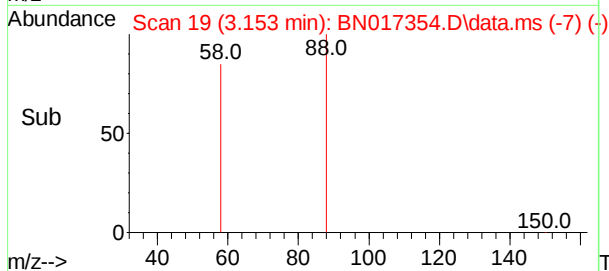
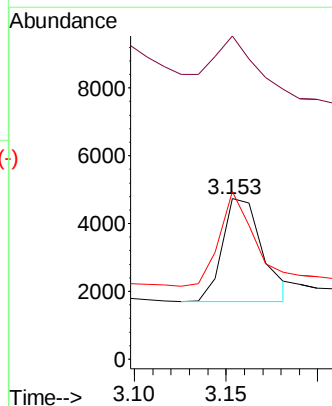
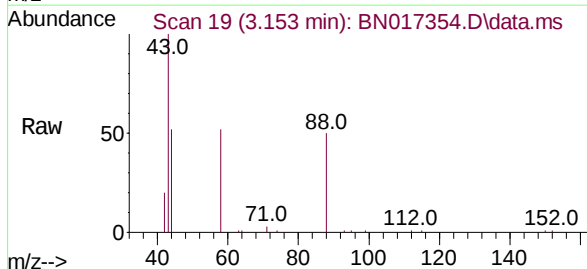
Tgt Ion: 88 Resp: 4626

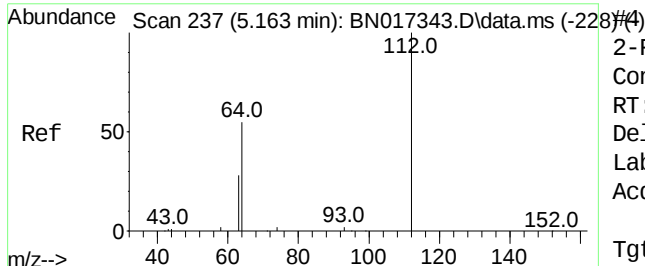
Ion Ratio Lower Upper

88 100

43 45.0 24.7 37.1#

58 79.9 63.0 94.6





2-Fluorophenol

Concen: 0.147 ng

RT: 5.182 min Scan# 1

Delta R.T. 0.018 min

Lab File: BN017354.D

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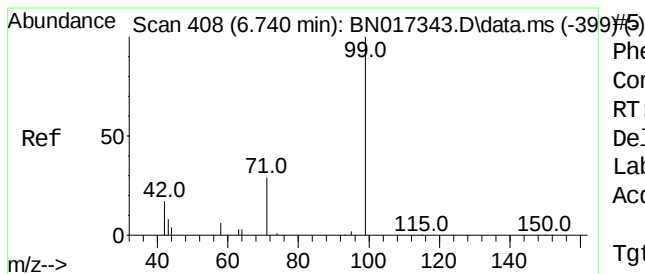
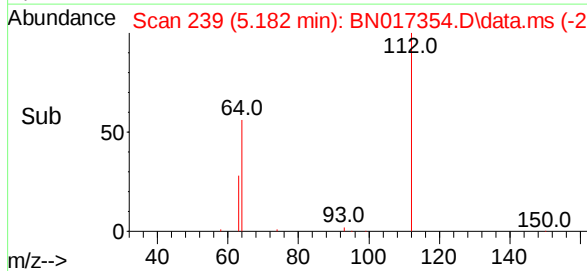
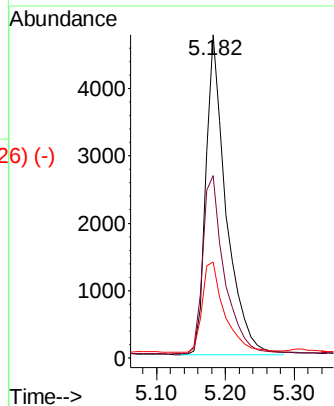
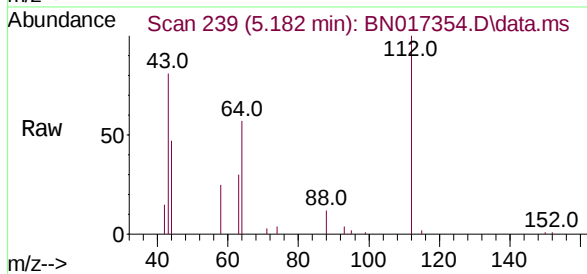
Tgt Ion: 112 Resp: 9667

Ion Ratio Lower Upper

112 100

64 59.4 47.6 71.4

63 30.9 24.6 37.0



Phenol-d6

Concen: 0.094 ng

RT: 6.749 min Scan# 409

Delta R.T. 0.018 min

Lab File: BN017354.D

Acq: 09 Nov 2021 17:54

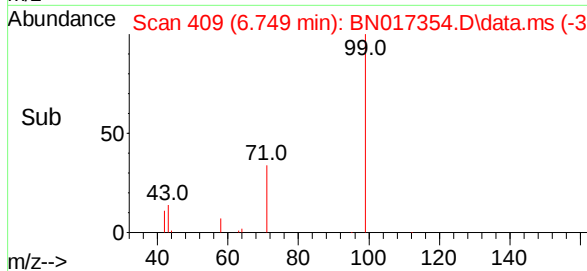
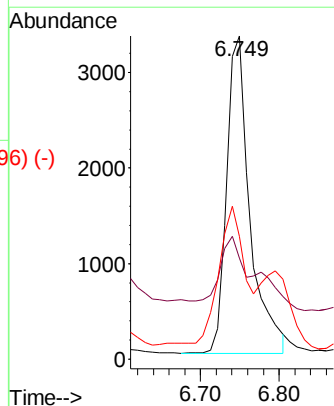
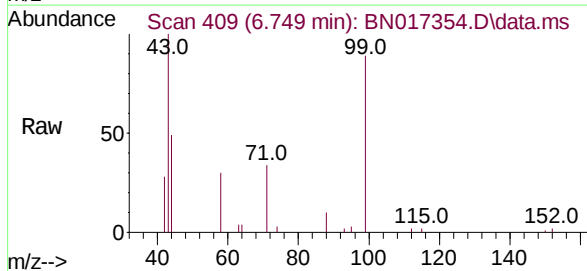
Tgt Ion: 99 Resp: 6835

Ion Ratio Lower Upper

99 100

42 25.8 17.0 25.6#

71 48.1 24.8 37.2#



Abundance Scan 737 (10.319 min): BN017343.D\data.ms (-7307-)

Naphthalene-d8

Concen: 0.400 ng

RT: 10.319 min Scan#

Delta R.T. 0.013 min

Lab File: BN017354.D

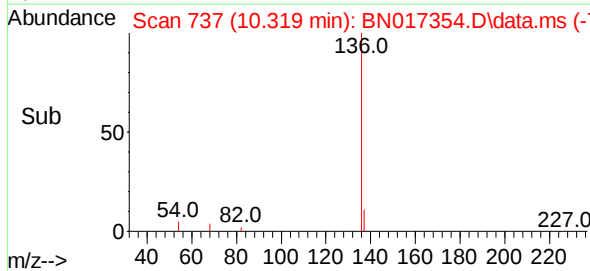
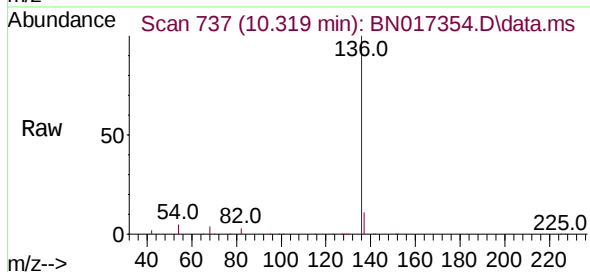
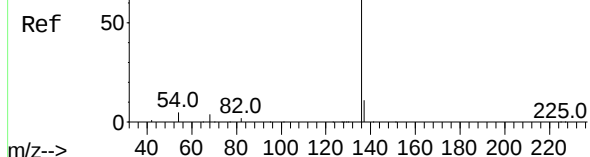
Acq: 09 Nov 2021 17:54

Instrument :

BNA_N

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BP-VPB-RW9-GW-358-360



Tgt Ion:136 Resp: 135074

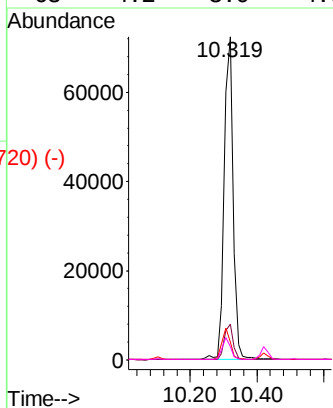
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 5.5 4.0 6.0

68 4.2 3.0 4.6



Abundance Scan 608 (8.684 min): BN017343.D\data.ms (-60578)

Nitrobenzene-d5

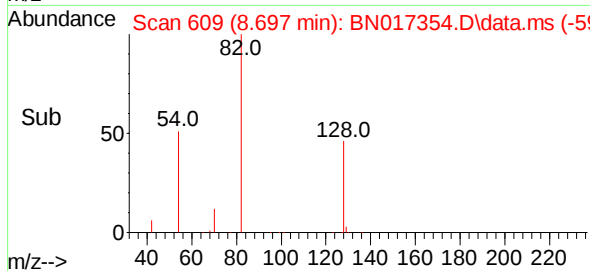
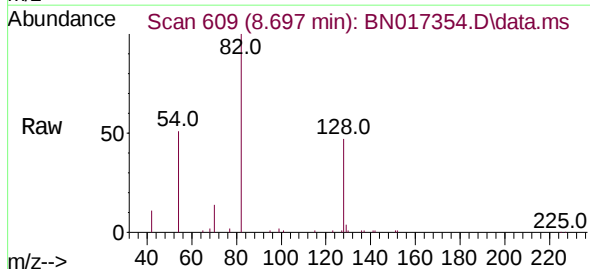
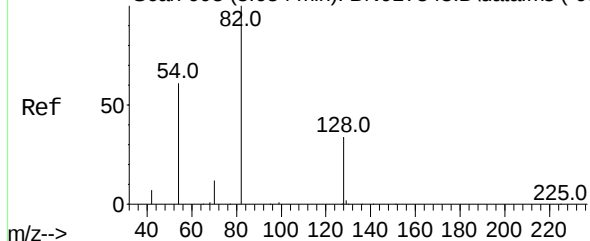
Concen: 0.276 ng

RT: 8.697 min Scan# 609

Delta R.T. 0.013 min

Lab File: BN017354.D

Acq: 09 Nov 2021 17:54



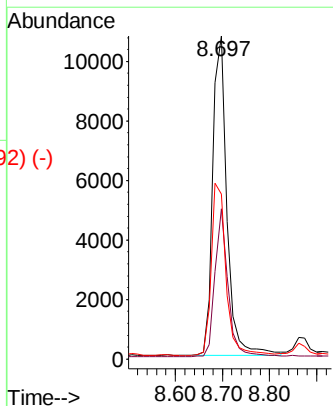
Tgt Ion: 82 Resp: 22395

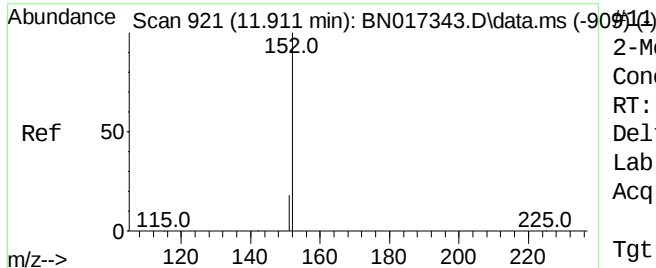
Ion Ratio Lower Upper

82 100

128 46.5 27.7 41.5#

54 51.1 49.2 73.8

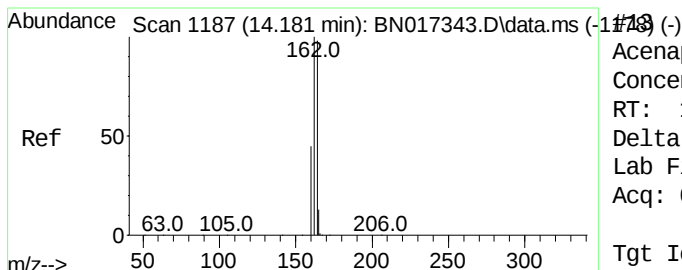
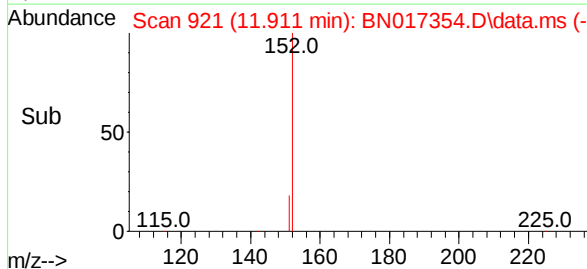
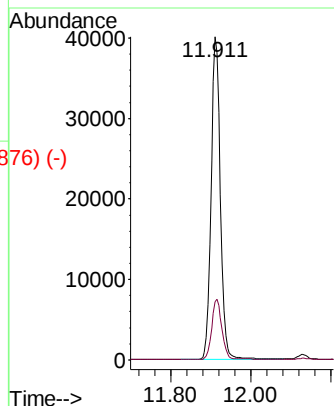
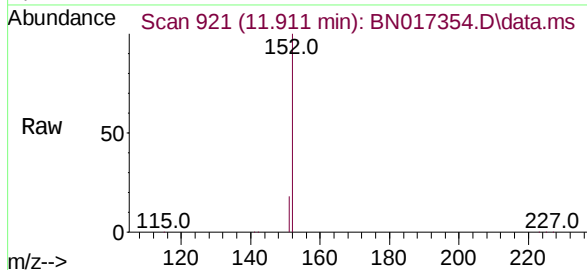




2-Methylnaphthalene-d10
 Concen: 0.323 ng
 RT: 11.911 min Scan# 921
 Delta R.T. -0.000 min
 Lab File: BN017354.D
 Acq: 09 Nov 2021 17:54

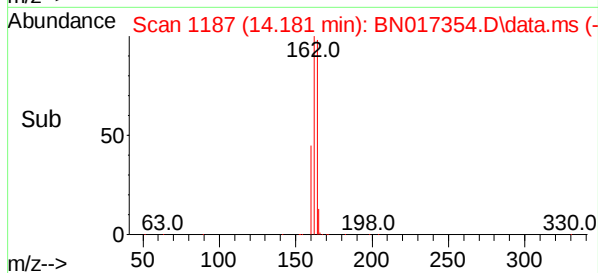
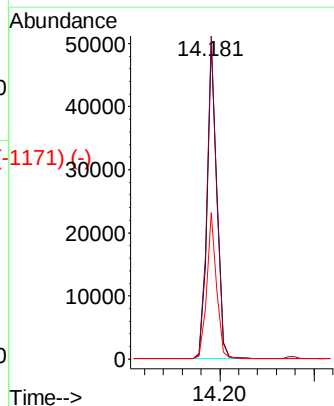
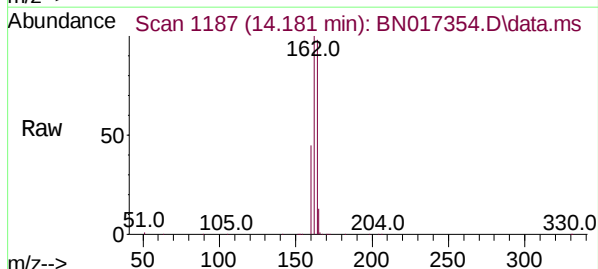
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW9-GW-358-360

Tgt Ion:152 Resp: 64311
 Ion Ratio Lower Upper
 152 100
 151 20.5 16.2 24.4



Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.181 min Scan# 1187
 Delta R.T. -0.000 min
 Lab File: BN017354.D
 Acq: 09 Nov 2021 17:54

Tgt Ion:164 Resp: 72426
 Ion Ratio Lower Upper
 164 100
 162 102.1 81.4 122.2
 160 46.3 36.8 55.2



Abundance Scan 1305 (15.678 min): BN017343.D\data.ms (-1305) (-)

2,4,6-Tribromophenol

Concen: 0.224 ng

RT: 15.691 min Scan# 1305

Delta R.T. 0.013 min

Lab File: BN017354.D

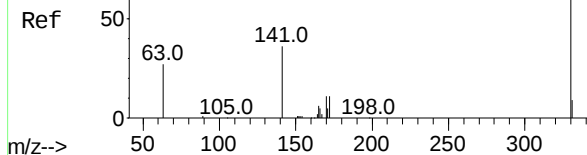
Acq: 09 Nov 2021 17:54

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW9-GW-358-360



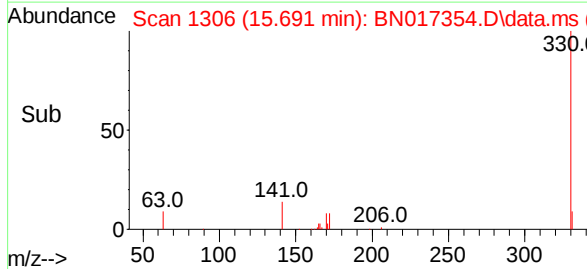
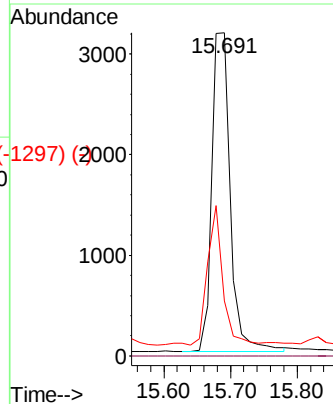
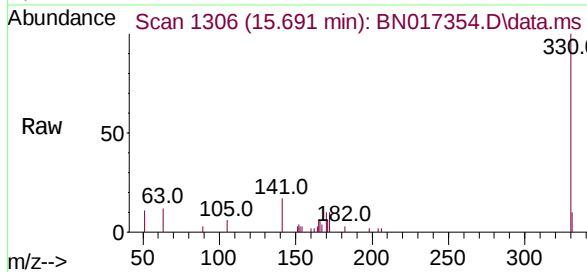
Tgt Ion:330 Resp: 6059

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 36.2 28.9 43.3



Abundance Scan 1078 (12.798 min): BN017343.D\data.ms (-1078) (-)

2-Fluorobiphenyl

Concen: 0.307 ng

RT: 12.811 min Scan# 1079

Delta R.T. 0.013 min

Lab File: BN017354.D

Acq: 09 Nov 2021 17:54

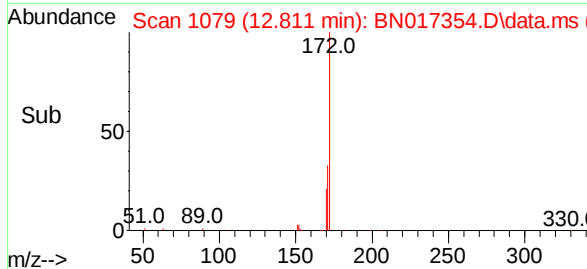
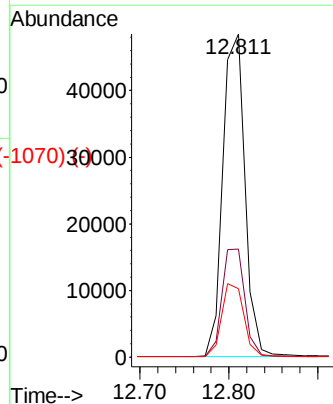
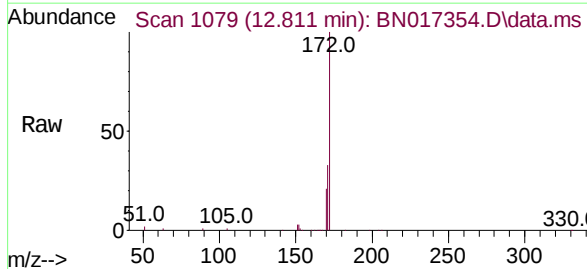
Tgt Ion:172 Resp: 84534

Ion Ratio Lower Upper

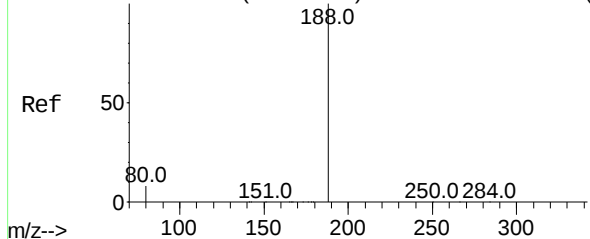
172 100

171 33.4 28.7 43.1

170 21.3 19.4 29.2



Abundance Scan 1407 (16.934 min): BN017343.D\data.ms (-1407) (-)



Phenanthrene-d10

Concen: 0.400 ng

RT: 16.934 min Scan# 1407

Delta R.T. -0.000 min

Lab File: BN017354.D

Acq: 09 Nov 2021 17:54

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW9-GW-358-360

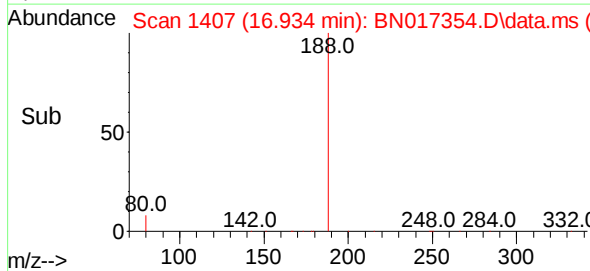
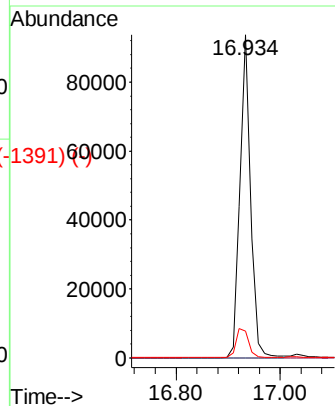
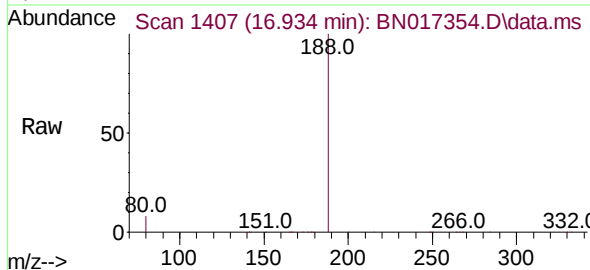
Tgt Ion:188 Resp: 133015

Ion Ratio Lower Upper

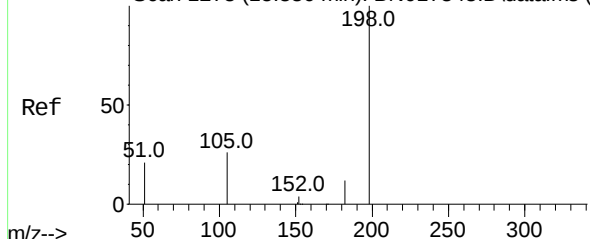
188 100

94 0.0 0.0 0.0

80 8.4 6.1 9.1



Abundance Scan 1278 (15.336 min): BN017343.D\data.ms (-1278) (-)



4,6-Dinitro-2-methylphenol

Concen: 0.188 ng

RT: 15.310 min Scan# 1276

Delta R.T. -0.026 min

Lab File: BN017354.D

Acq: 09 Nov 2021 17:54

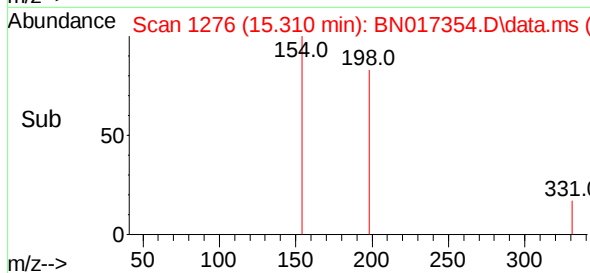
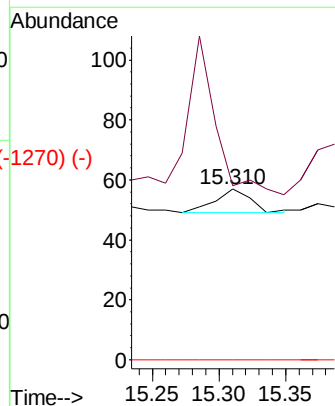
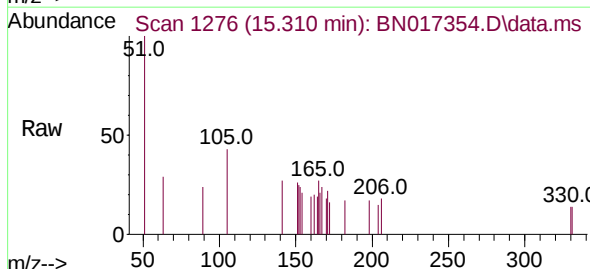
Tgt Ion:198 Resp: 15

Ion Ratio Lower Upper

198 100

182 101.8 11.4 17.2#

77 0.0 0.0 0.0



Abundance Scan 1379 (16.593 min): BN017343.D\data.ms (-1374) (-)

Pentachlorophenol

Concen: 0.221 ng

RT: 16.593 min Scan# 1379

Delta R.T. -0.000 min

Lab File: BN017354.D

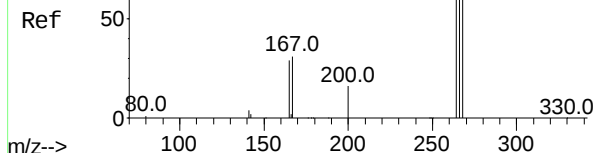
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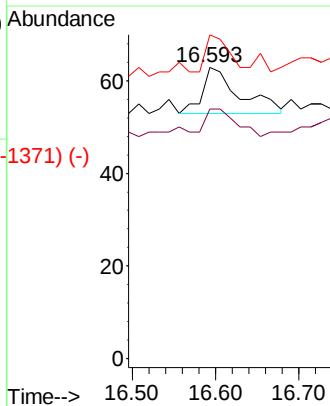
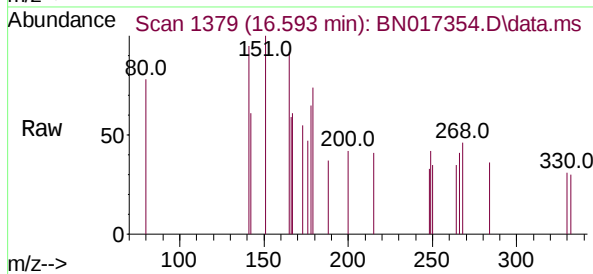
Tgt Ion:266 Resp: 31

Ion Ratio Lower Upper

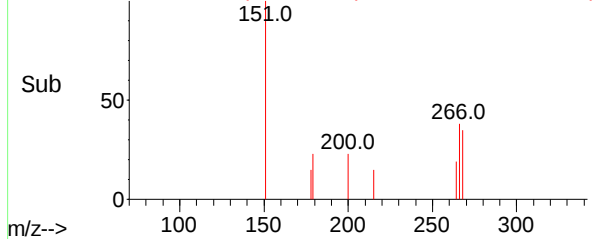
266 100

264 58.1 49.8 74.8

268 77.4 51.3 76.9#



Abundance Scan 1379 (16.593 min): BN017354.D\data.ms (-1371) (-)



Abundance Scan 1689 (18.975 min): BN017343.D\data.ms (-1629) (-)

Fluoranthene-d10

Concen: 0.453 ng

RT: 18.975 min Scan# 1689

Delta R.T. -0.000 min

Lab File: BN017354.D

Acq: 09 Nov 2021 17:54

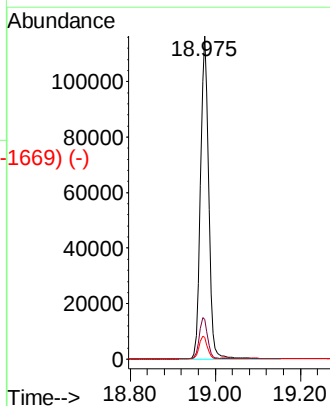
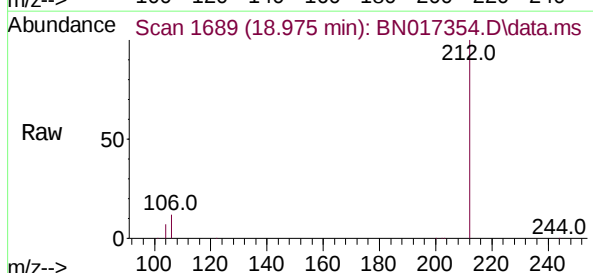
Tgt Ion:212 Resp: 153477

Ion Ratio Lower Upper

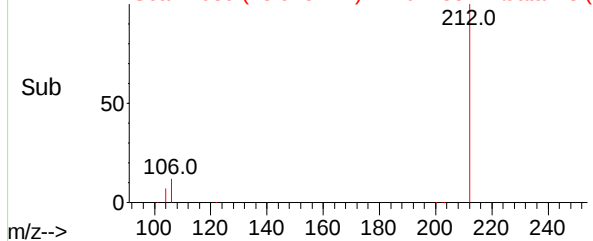
212 100

106 13.0 10.5 15.7

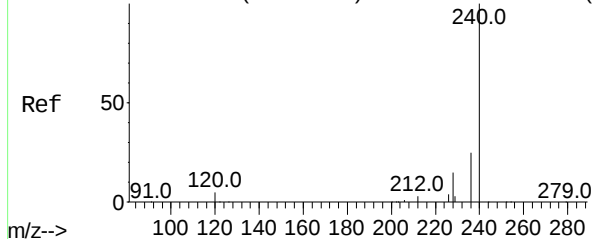
104 7.0 5.8 8.6



Abundance Scan 1689 (18.975 min): BN017354.D\data.ms (-1669) (-)



Abundance Scan 2004 (21.144 min): BN017343.D\data.ms (-1929) (-)



Chrysene-d12

Concen: 0.400 ng

RT: 21.144 min Scan# 1

Delta R.T. 0.010 min

Lab File: BN017354.D

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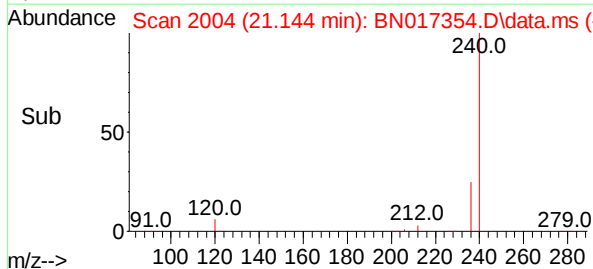
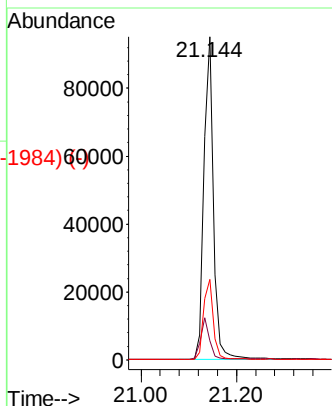
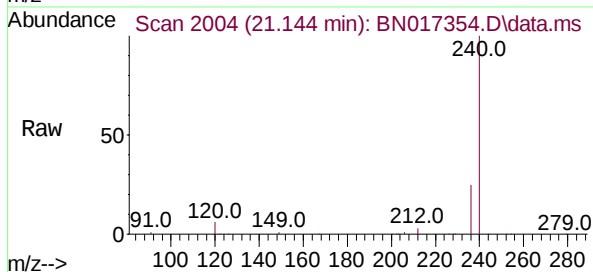
Tgt Ion:240 Resp: 131298

Ion Ratio Lower Upper

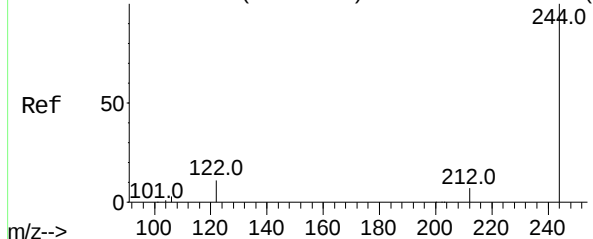
240 100

120 5.8 4.2 6.2

236 25.0 20.0 30.0



Abundance Scan 1813 (19.590 min): BN017343.D\data.ms (-1831) (-)



Terphenyl-d14

Concen: 0.472 ng

RT: 19.590 min Scan# 1813

Delta R.T. -0.000 min

Lab File: BN017354.D

Acq: 09 Nov 2021 17:54

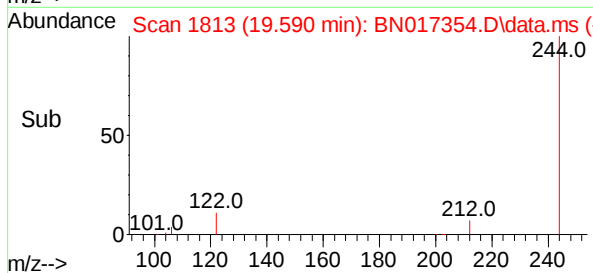
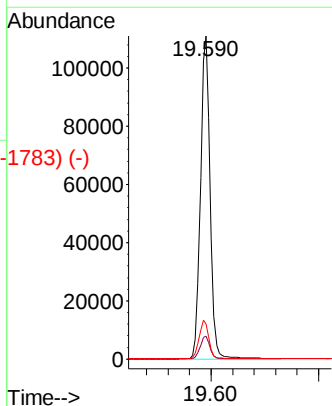
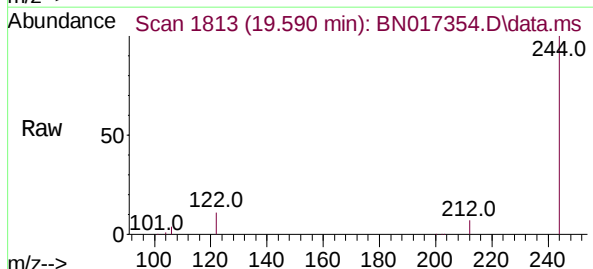
Tgt Ion:244 Resp: 138116

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

122 10.9 8.6 13.0



Abundance Scan 1998 (21.080 min): BN017343.D\data.ms (-1989) (-)

Bis(2-ethylhexyl)phthalate

Concen: 0.343 ng

RT: 21.080 min Scan# 1998

Delta R.T. -0.000 min

Lab File: BN017354.D

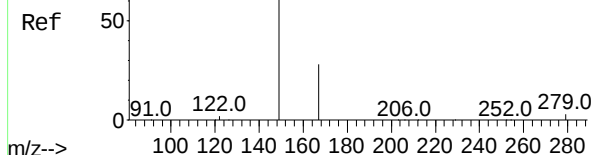
Acq: 09 Nov 2021 17:54

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW9-GW-358-360



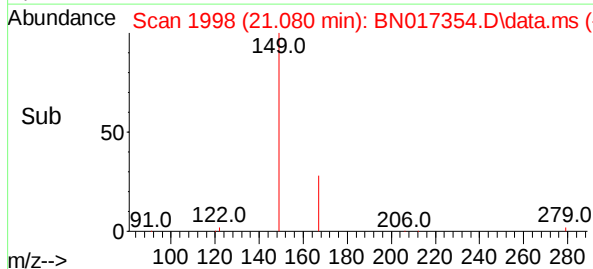
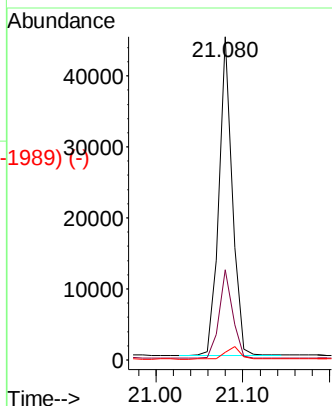
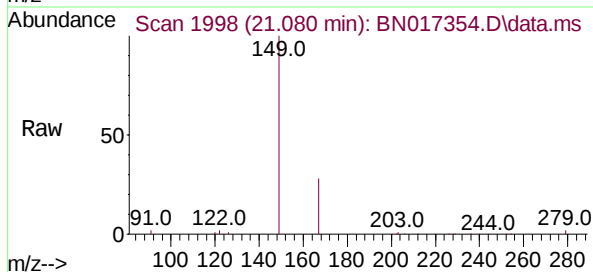
Tgt Ion:149 Resp: 48159

Ion Ratio Lower Upper

149 100

167 27.7 21.8 32.6

279 4.3 3.4 5.0



Abundance Scan 2394 (23.335 min): BN017343.D\data.ms (-2350) (-)

Perylene-d12

Concen: 0.400 ng

RT: 23.335 min Scan# 2394

Delta R.T. -0.000 min

Lab File: BN017354.D

Acq: 09 Nov 2021 17:54

Tgt Ion:264 Resp: 123695

Ion Ratio Lower Upper

264 100

260 24.6 19.4 29.2

265 23.1 18.6 28.0

