

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110921\
 Data File : BN017352.D
 Acq On : 09 Nov 2021 16:40
 Operator : CG/JU
 Sample : M4431-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW9-GW-443-445

Quant Time: Nov 09 17:14:18 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN110921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 09 14:15:26 2021
 Response via : Initial Calibration

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

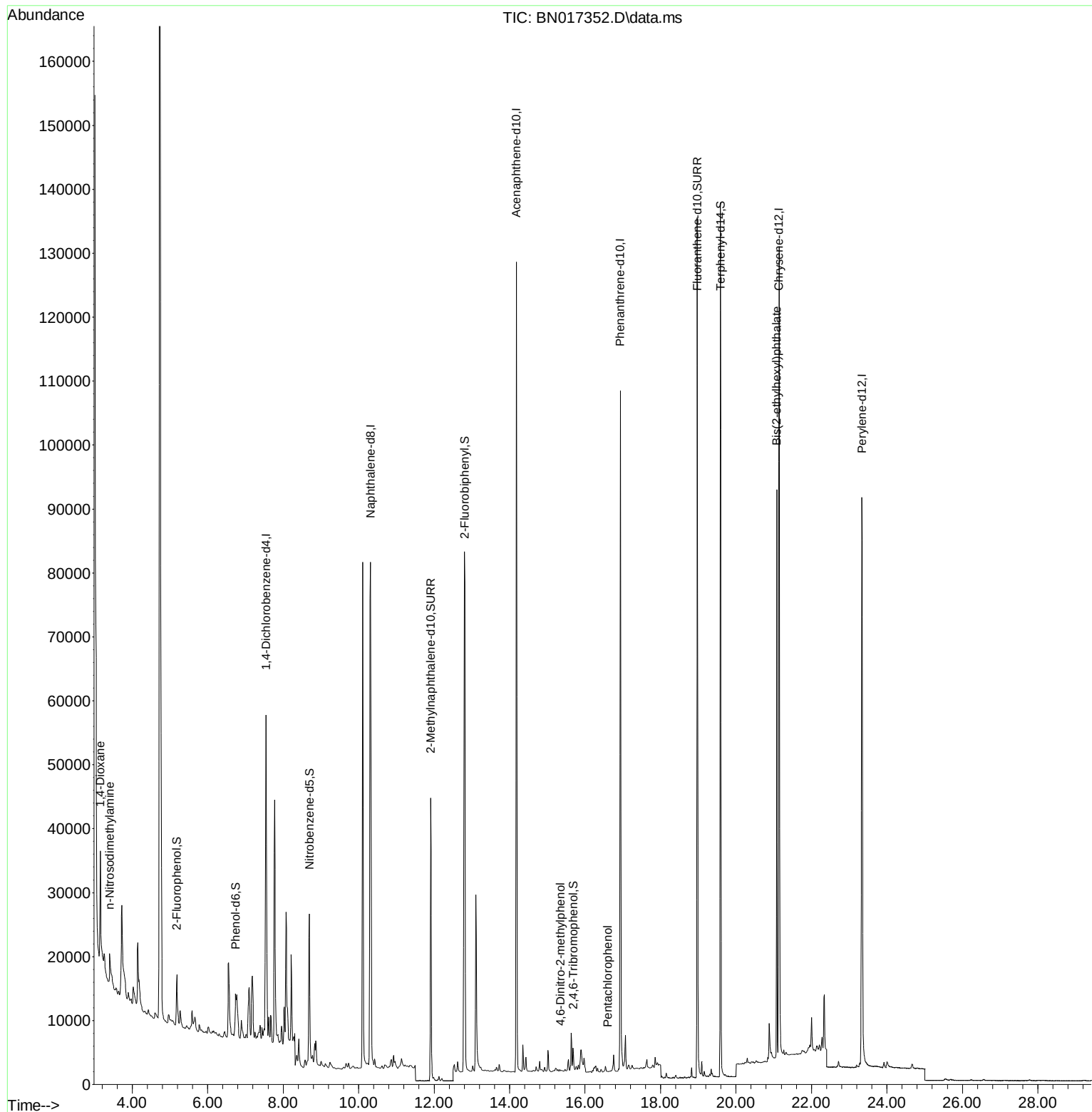
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.552	152	27159	0.400	ng	0.00
7) Naphthalene-d8	10.319	136	117493	0.400	ng	0.00
13) Acenaphthene-d10	14.181	164	69821	0.400	ng	0.00
19) Phenanthrene-d10	16.934	188	136776	0.400	ng	0.00
29) Chrysene-d12	21.144	240	128869	0.400	ng	# 0.00
35) Perylene-d12	23.339	264	121393	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.182	112	8609	0.137	ng	0.02
5) Phenol-d6	6.740	99	5965	0.086	ng	0.00
8) Nitrobenzene-d5	8.697	82	22562	0.320	ng	0.01
11) 2-Methylnaphthalene-d10	11.911	152	61777	0.357	ng	0.00
14) 2,4,6-Tribromophenol	15.691	330	2850	0.109	ng	0.01
15) 2-Fluorobiphenyl	12.811	172	80316	0.302	ng	0.01
27) Fluoranthene-d10	18.975	212	153453	0.440	ng	0.00
31) Terphenyl-d14	19.591	244	134846	0.470	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.153	88	8223	0.541	ng	93
3) n-Nitrosodimethylamine	3.402	42	1882	0.081	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.349	198	5	0.187	ng	# 1
24) Pentachlorophenol	16.605	266	27	0.220	ng	# 74
34) Bis(2-ethylhexyl)phtha...	21.080	149	70654	0.512	ng	99

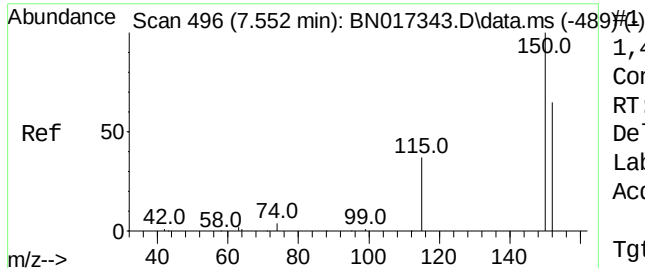
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.552 min Scan# 4

Delta R.T. -0.000 min

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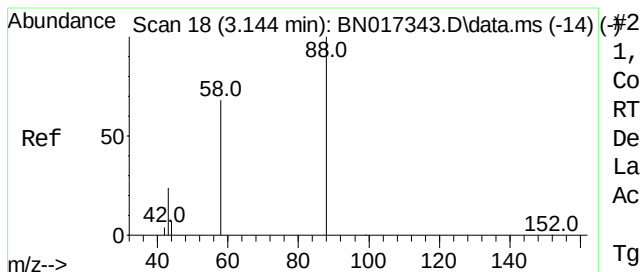
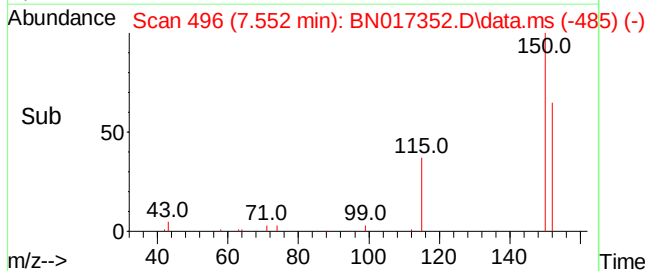
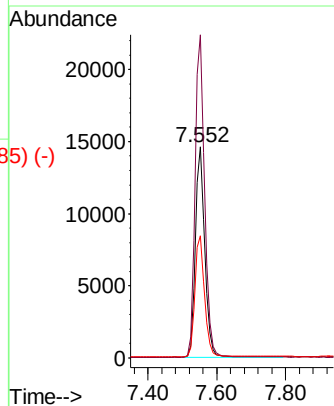
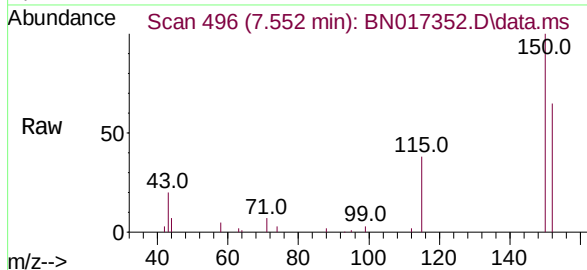
Tgt Ion:152 Resp: 27159

Ion Ratio Lower Upper

152 100

150 153.0 123.0 184.4

115 57.7 45.6 68.4



1,4-Dioxane

Concen: 0.541 ng

RT: 3.153 min Scan# 19

Delta R.T. 0.009 min

Lab File: BN017352.D

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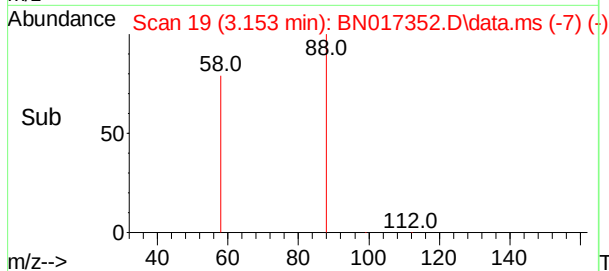
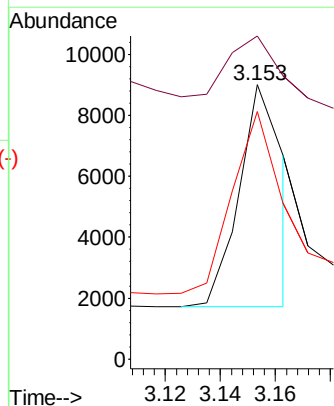
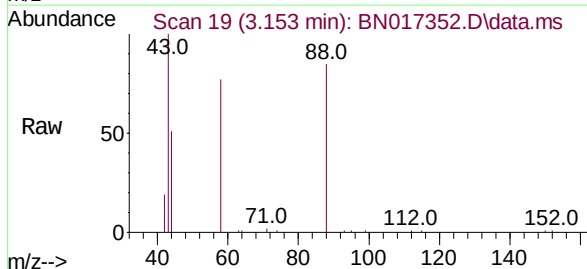
Tgt Ion: 88 Resp: 8223

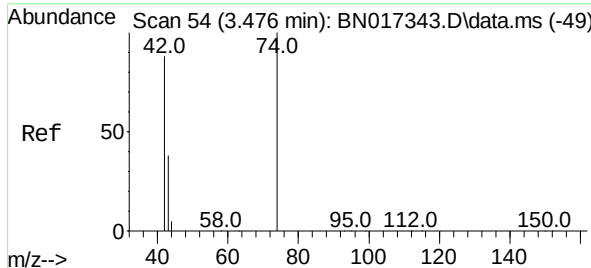
Ion Ratio Lower Upper

88 100

43 28.5 24.7 37.1

58 85.5 63.0 94.6

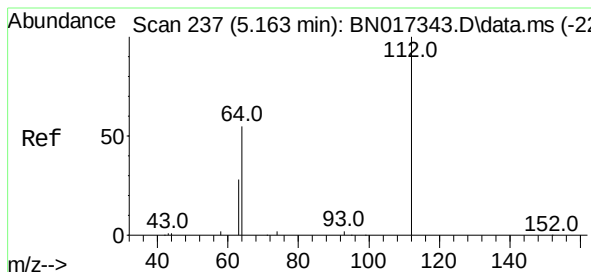
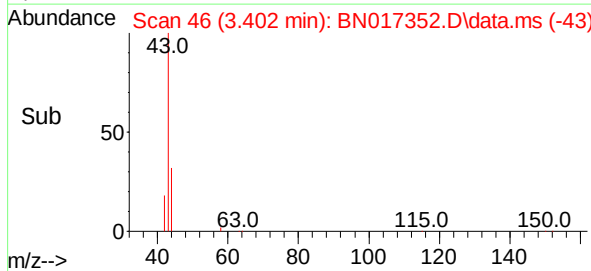
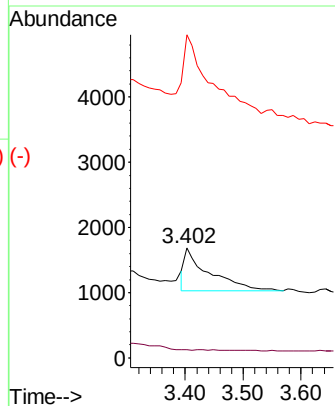
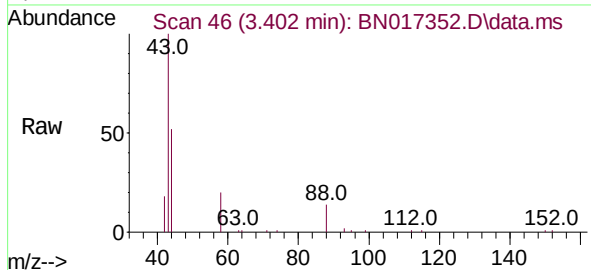




n-Nitrosodimethylamine
 Concen: 0.081 ng
 RT: 3.402 min Scan# 4
 Delta R.T. -0.074 min
 Lab File: BN017352.D
 Acq: 09 Nov 2021 16:40

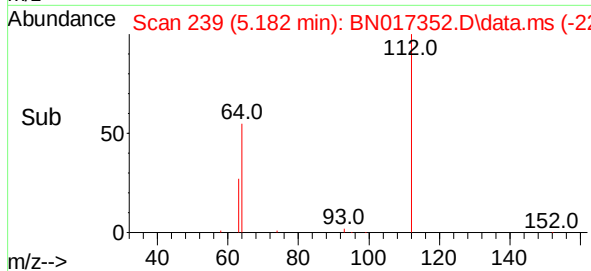
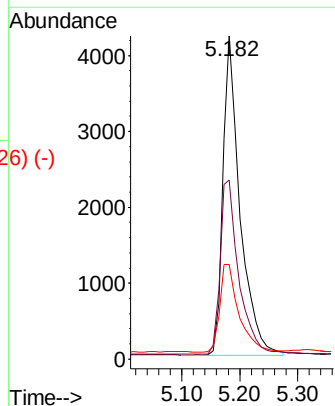
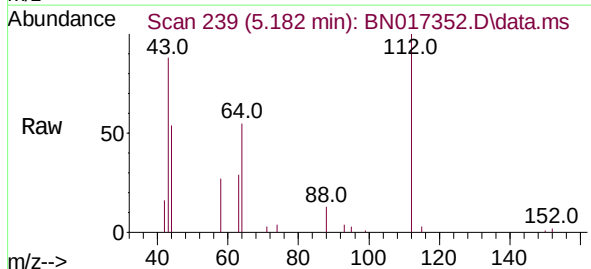
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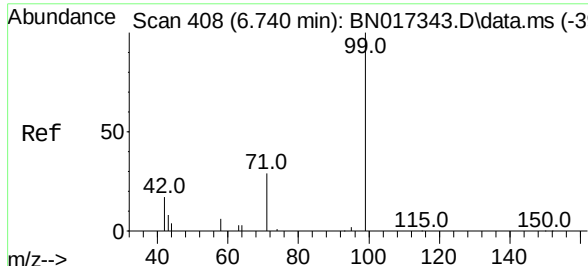
Tgt Ion:	42	Resp:	1882
Ion	Ratio	Lower	Upper
42	100		
74	0.0	97.8	146.6#
44	203.5	5.5	8.3#



2-Fluorophenol
 Concen: 0.137 ng
 RT: 5.182 min Scan# 239
 Delta R.T. 0.019 min
 Lab File: BN017352.D
 Acq: 09 Nov 2021 16:40

Tgt Ion:	112	Resp:	8609
Ion	Ratio	Lower	Upper
112	100		
64	59.1	47.6	71.4
63	30.8	24.6	37.0





Phenol-d6

Concen: 0.086 ng

RT: 6.740 min Scan# 4

Delta R.T. 0.000 min

Lab File: BN017352.D

Acq: 09 Nov 2021 16:40

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW9-GW-443-445

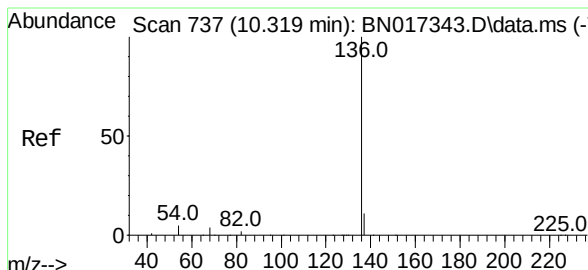
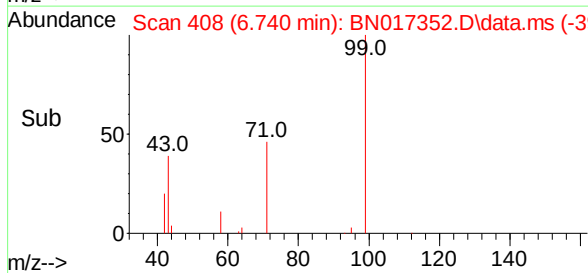
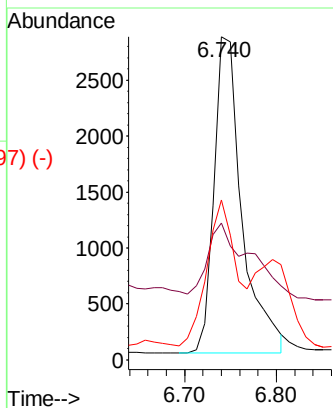
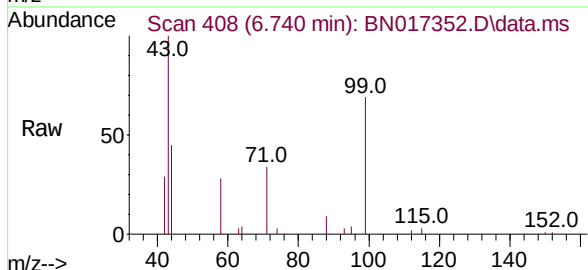
Tgt Ion: 99 Resp: 5965

Ion Ratio Lower Upper

99 100

42 31.7 17.0 25.6#

71 49.2 24.8 37.2#



Naphthalene-d8

Concen: 0.400 ng

RT: 10.319 min Scan# 737

Delta R.T. 0.000 min

Lab File: BN017352.D

Acq: 09 Nov 2021 16:40

Tgt Ion:136 Resp: 117493

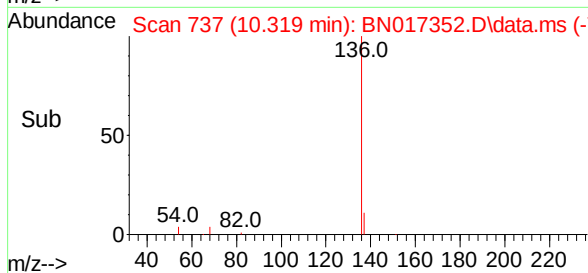
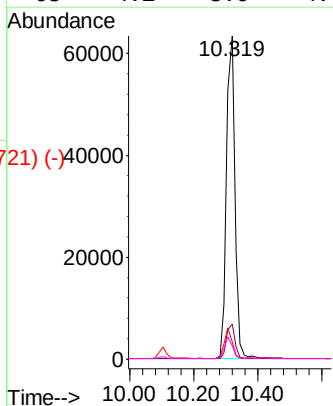
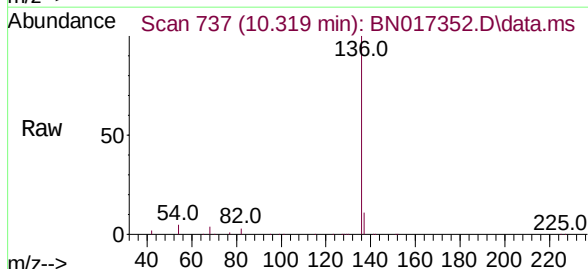
Ion Ratio Lower Upper

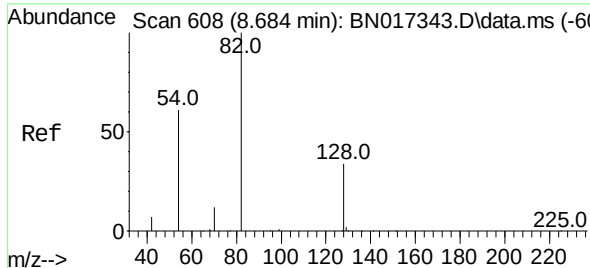
136 100

137 10.9 8.8 13.2

54 5.4 4.0 6.0

68 4.2 3.0 4.6





Nitrobenzene-d5

Concen: 0.320 ng

RT: 8.697 min Scan# 608

Delta R.T. 0.013 min

Lab File: BN017352.D

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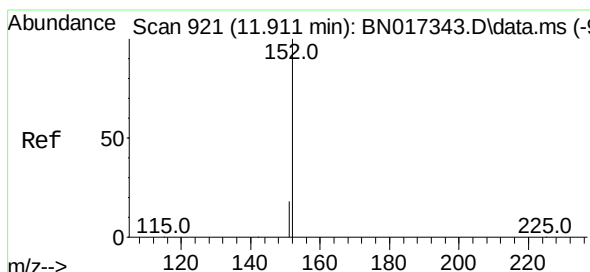
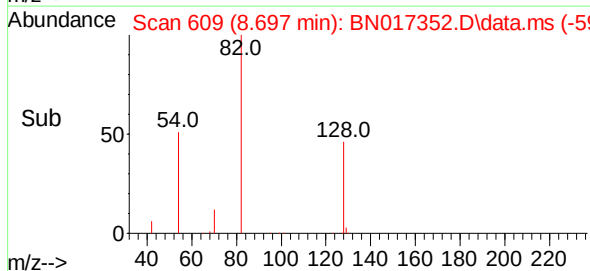
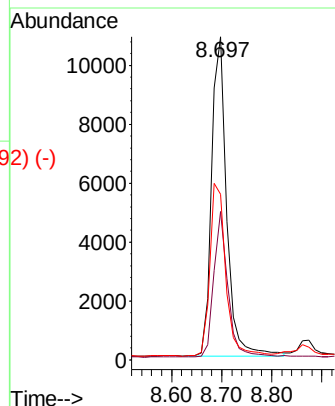
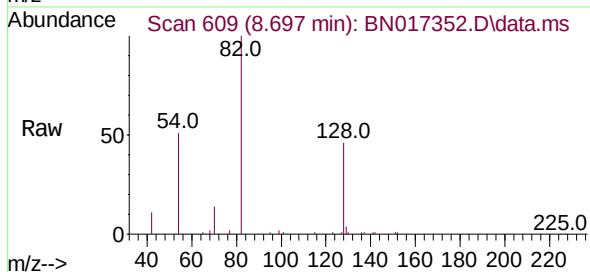
Tgt Ion: 82 Resp: 22562

Ion Ratio Lower Upper

82 100

128 46.0 27.7 41.5#

54 51.2 49.2 73.8



2-Methylnaphthalene-d10

Concen: 0.357 ng

RT: 11.911 min Scan# 921

Delta R.T. 0.000 min

Lab File: BN017352.D

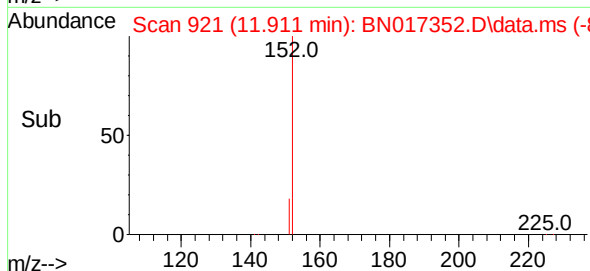
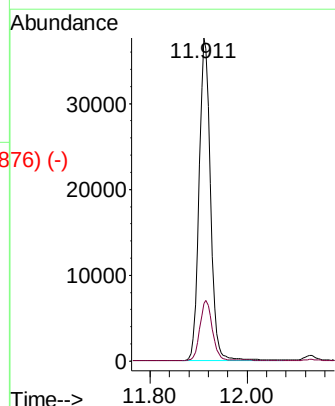
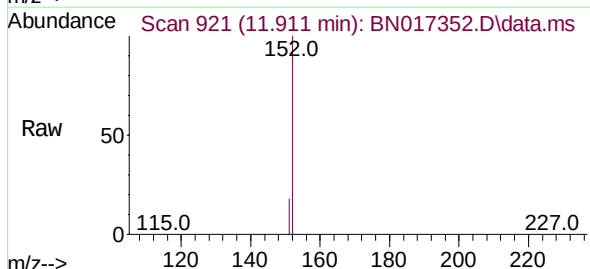
Acq: 09 Nov 2021 16:40

Tgt Ion: 152 Resp: 61777

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.4



Abundance Scan 1187 (14.181 min): BN017343.D\data.ms (-1178) (-)

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.181 min Scan# 1187

Delta R.T. 0.000 min

Lab File: BN017352.D

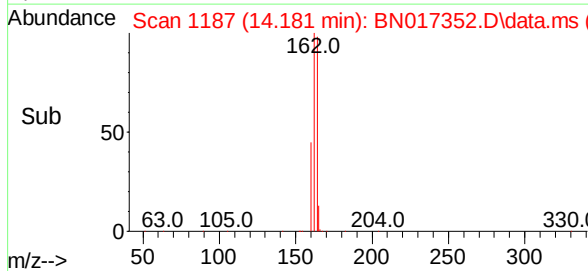
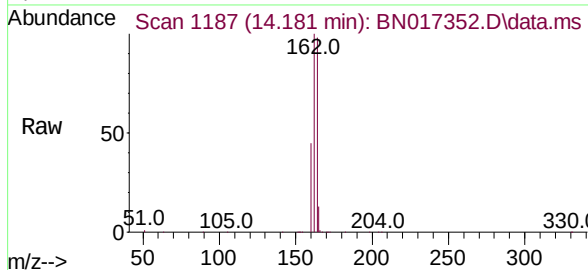
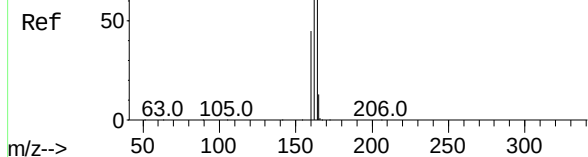
Acq: 09 Nov 2021 16:40

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW9-GW-443-445



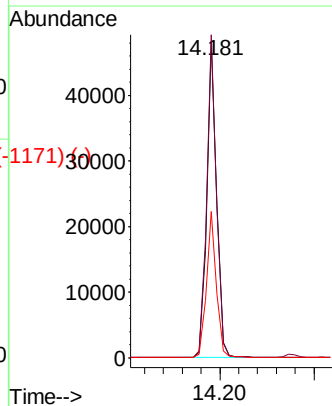
Tgt Ion:164 Resp: 69821

Ion Ratio Lower Upper

164 100

162 102.2 81.4 122.2

160 46.3 36.8 55.2



Abundance Scan 1305 (15.678 min): BN017343.D\data.ms (-1306) (-)

2,4,6-Tribromophenol

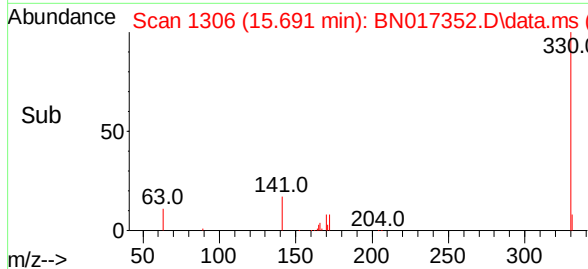
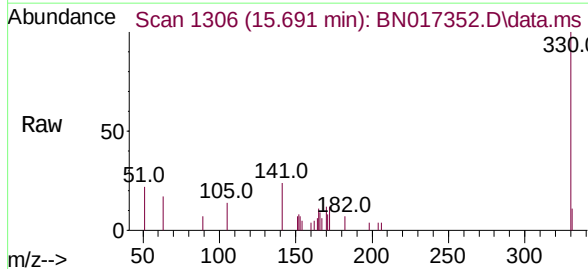
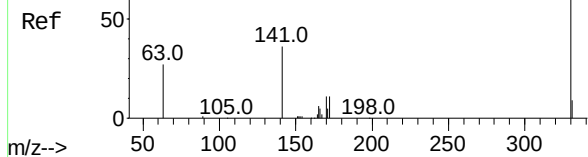
Concen: 0.109 ng

RT: 15.691 min Scan# 1306

Delta R.T. 0.013 min

Lab File: BN017352.D

Acq: 09 Nov 2021 16:40



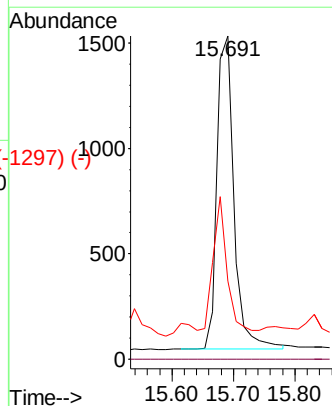
Tgt Ion:330 Resp: 2850

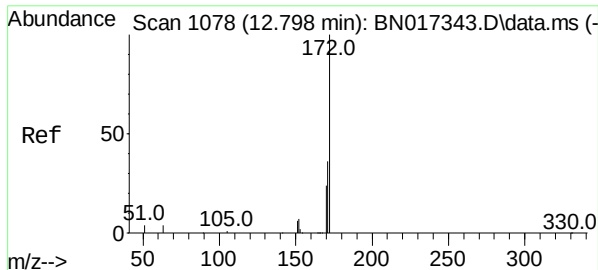
Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 34.4 28.9 43.3





10715 (-)

2-Fluorobiphenyl

Concen: 0.302 ng

RT: 12.811 min Scan# 1079

Delta R.T. 0.013 min

Lab File: BN017352.D

Acq: 09 Nov 2021 16:40

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW9-GW-443-445

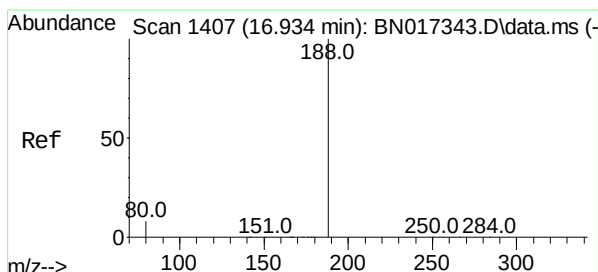
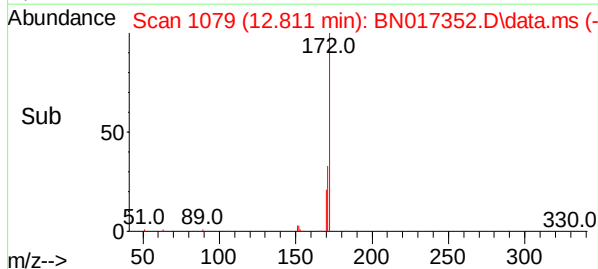
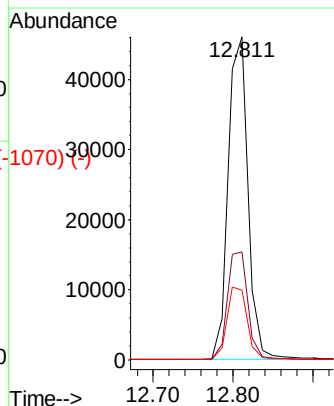
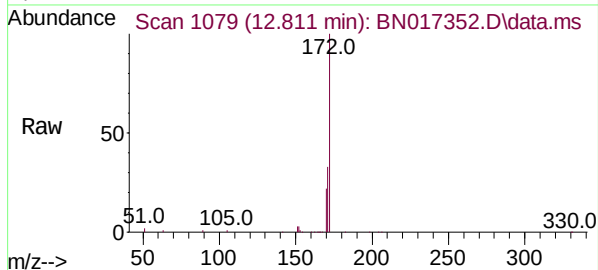
Tgt Ion:172 Resp: 80316

Ion Ratio Lower Upper

172 100

171 33.4 28.7 43.1

170 21.6 19.4 29.2



14019 (-)

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.934 min Scan# 1407

Delta R.T. 0.000 min

Lab File: BN017352.D

Acq: 09 Nov 2021 16:40

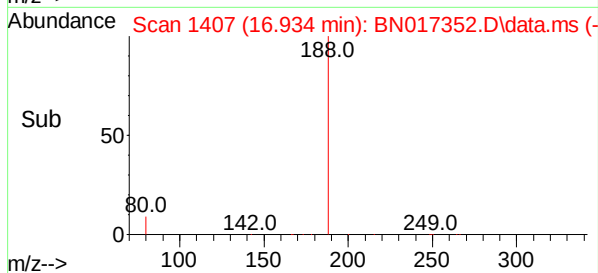
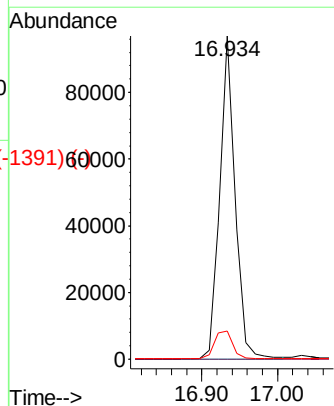
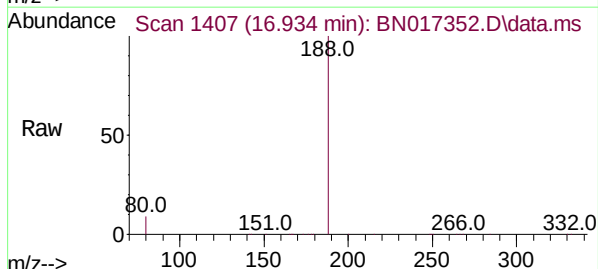
Tgt Ion:188 Resp: 136776

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.8 6.1 9.1



Abundance Scan 1278 (15.336 min): BN017343.D\data.ms (-1270) (-)

4,6-Dinitro-2-methylphenol

Concen: 0.187 ng

RT: 15.349 min Scan# 1278

Delta R.T. 0.013 min

Lab File: BN017352.D

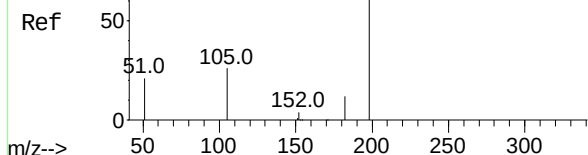
Acq: 09 Nov 2021 16:40

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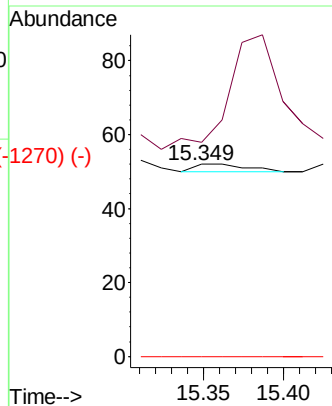
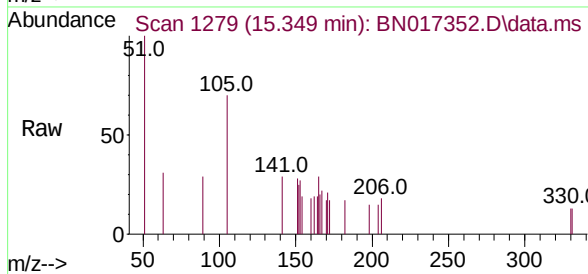
Tgt Ion:198 Resp: 5

Ion Ratio Lower Upper

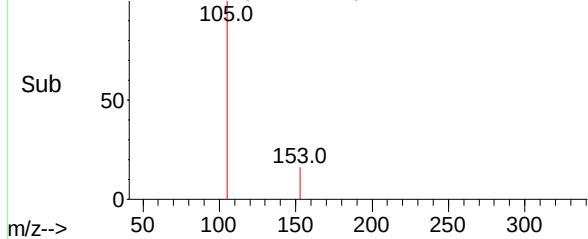
198 100

182 111.5 11.4 17.2#

77 0.0 0.0 0.0



Abundance Scan 1279 (15.349 min): BN017352.D\data.ms (-1270) (-)



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

Pentachlorophenol

Concen: 0.220 ng

RT: 16.605 min Scan# 1380

Delta R.T. 0.012 min

Lab File: BN017352.D

Acq: 09 Nov 2021 16:40

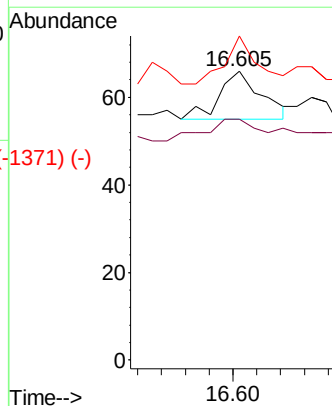
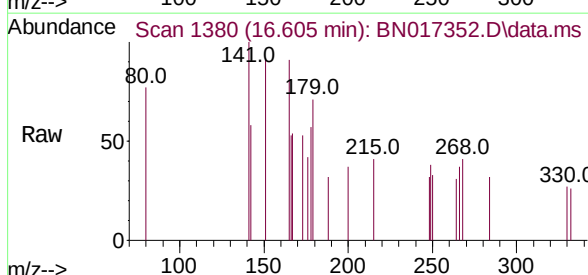
Tgt Ion:266 Resp: 27

Ion Ratio Lower Upper

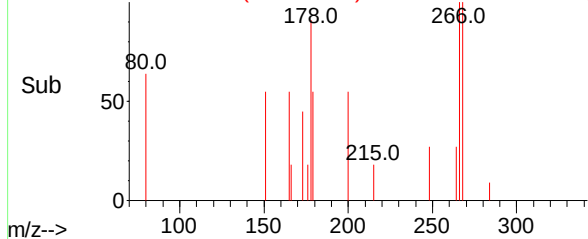
266 100

264 92.6 49.8 74.8#

268 74.1 51.3 76.9



Abundance Scan 1380 (16.605 min): BN017352.D\data.ms (-1371) (-)



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

Fluoranthene-d10

Concen: 0.440 ng

RT: 18.975 min Scan# 1689

Delta R.T. 0.000 min

Lab File: BN017352.D

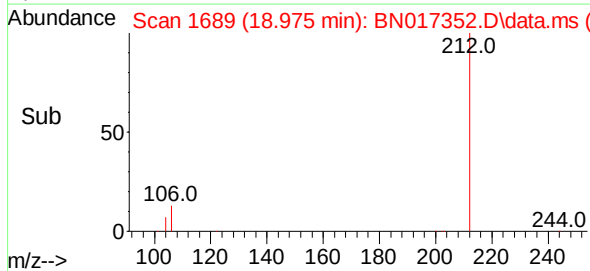
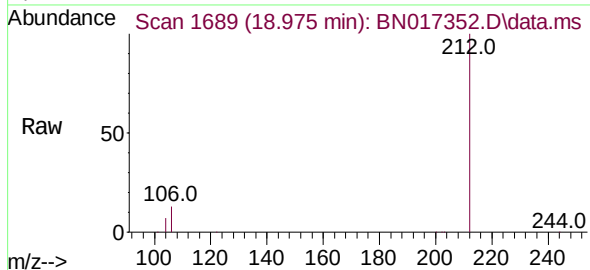
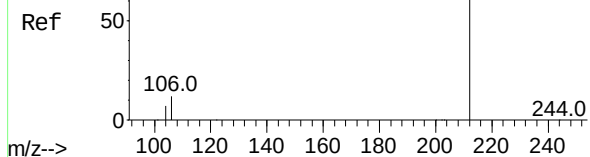
Acq: 09 Nov 2021 16:40

Instrument :

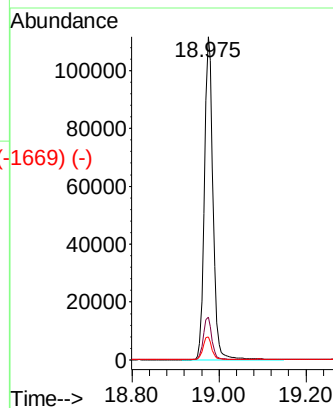
BNA_N

ClientSampleId :

BP-VPB-RW9-GW-443-445



Tgt Ion:	212	Resp:	153453
Ion Ratio	Lower	Upper	
212	100		
106	13.0	10.5	15.7
104	7.1	5.8	8.6



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

Chrysene-d12

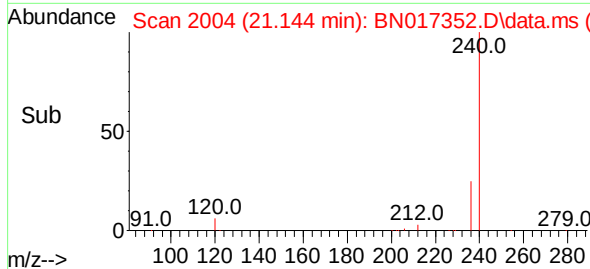
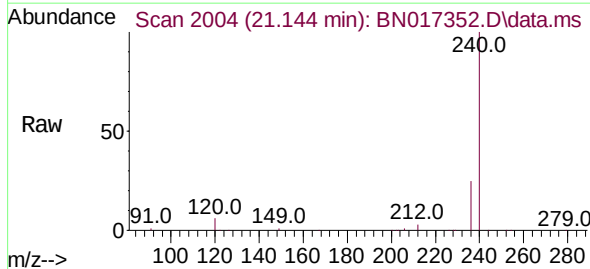
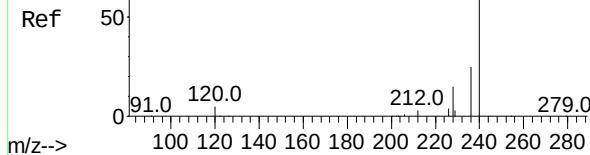
Concen: 0.400 ng

RT: 21.144 min Scan# 2004

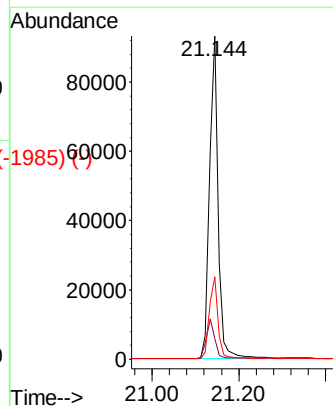
Delta R.T. 0.000 min

Lab File: BN017352.D

Acq: 09 Nov 2021 16:40



Tgt Ion:	240	Resp:	128869
Ion Ratio	Lower	Upper	
240	100		
120	6.3	4.2	6.2#
236	25.5	20.0	30.0



Abundance Scan 1813 (19.590 min): BN017343.D\data.ms (-1783) (-)

Terphenyl-d14

Concen: 0.470 ng

RT: 19.591 min Scan# 1813

Delta R.T. 0.000 min

Lab File: BN017352.D

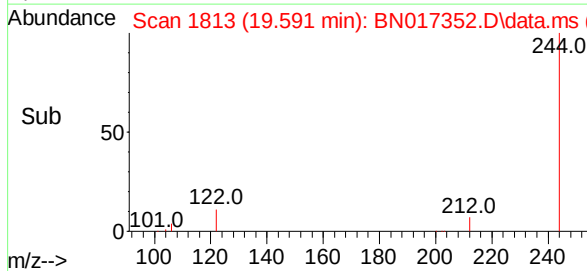
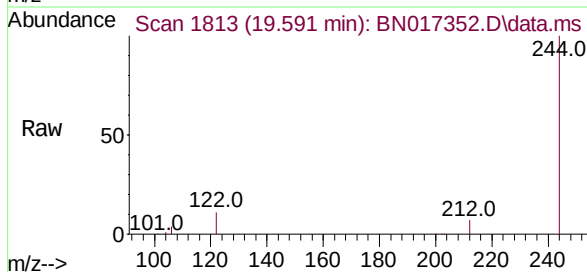
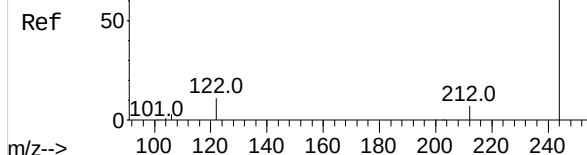
Acq: 09 Nov 2021 16:40

Instrument :

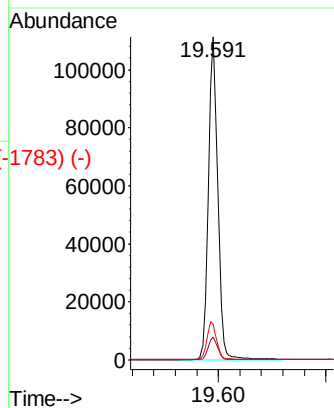
BNA_N

ClientSampleId :

BP-VPB-RW9-GW-443-445



Tgt Ion:	244	Resp:	134846
Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	11.2	8.6	13.0



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

Bis(2-ethylhexyl)phthalate

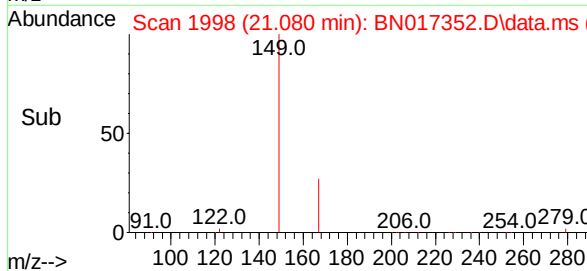
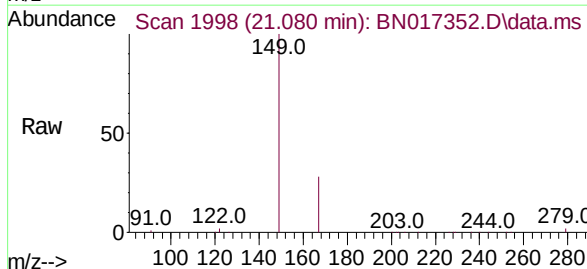
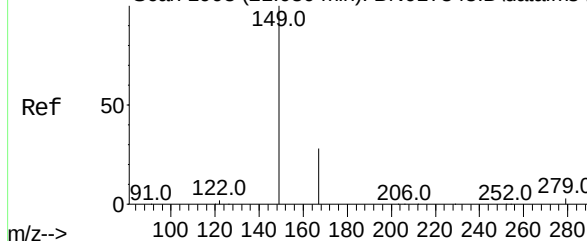
Concen: 0.512 ng

RT: 21.080 min Scan# 1998

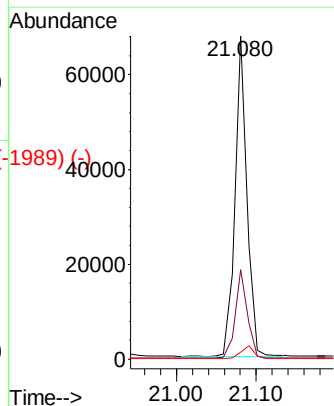
Delta R.T. 0.000 min

Lab File: BN017352.D

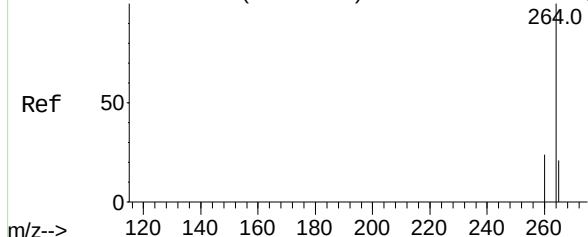
Acq: 09 Nov 2021 16:40



Tgt Ion:	149	Resp:	70654
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: 23.339 min Scan# 1

Delta R.T. 0.004 min

Lab File: BN017352.D

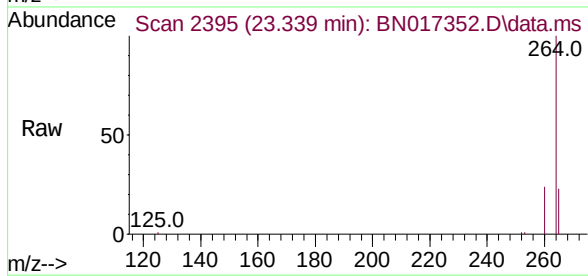
Acq: 09 Nov 2021 16:40

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW9-GW-443-445



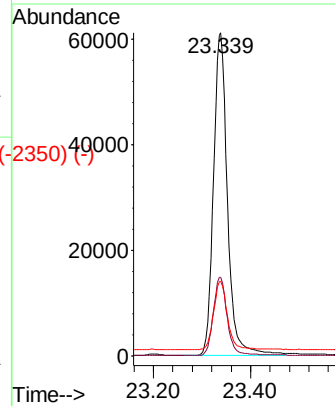
Tgt Ion:264 Resp: 121393

Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.2

265 23.2 18.6 28.0



Abundance Scan 2395 (23.339 min): BN017352.D\data.ms (-2350) (-)

