

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110921\
 Data File : BN017353.D
 Acq On : 09 Nov 2021 17:17
 Operator : CG/JU
 Sample : M4431-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW9-GW-398-400

Quant Time: Nov 09 17:49:30 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)

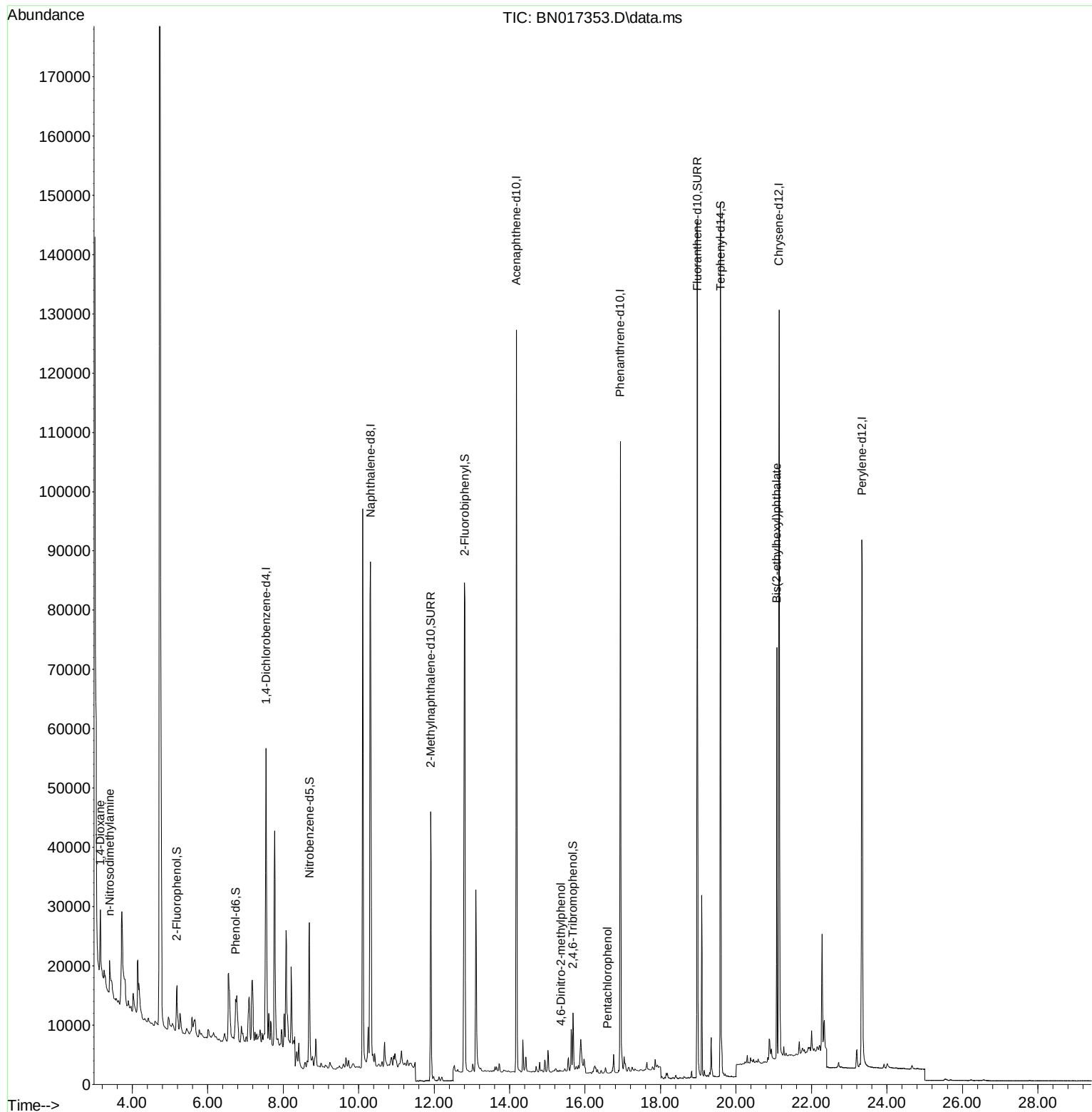
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.552	152	26478	0.400	ng	0.00
7) Naphthalene-d8	10.319	136	129854	0.400	ng	0.00
13) Acenaphthene-d10	14.181	164	68165	0.400	ng	0.00
19) Phenanthrene-d10	16.934	188	134399	0.400	ng	0.00
29) Chrysene-d12	21.144	240	125841	0.400	ng	# 0.00
35) Perylene-d12	23.339	264	118805	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.182	112	8621	0.141	ng	0.02
5) Phenol-d6	6.740	99	6090	0.091	ng	0.00
8) Nitrobenzene-d5	8.697	82	23117	0.297	ng	0.01
11) 2-Methylnaphthalene-d10	11.911	152	62280	0.326	ng	0.00
14) 2,4,6-Tribromophenol	15.679	330	7672	0.301	ng	0.00
15) 2-Fluorobiphenyl	12.811	172	82189	0.317	ng	0.01
27) Fluoranthene-d10	18.975	212	161038	0.470	ng	0.00
31) Terphenyl-d14	19.591	244	141607	0.505	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.153	88	5859	0.395	ng	97
3) n-Nitrosodimethylamine	3.402	42	2269	0.100	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.361	198	14	0.187	ng	# 1
24) Pentachlorophenol	16.593	266	49	0.221	ng	# 73
34) Bis(2-ethylhexyl)phtha...	21.080	149	56598	0.420	ng	99

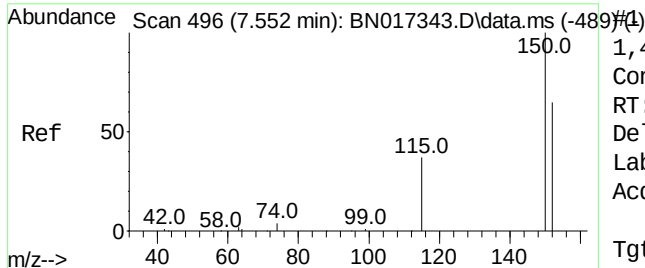
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.552 min Scan# 4

Delta R.T. -0.000 min

Lab File: BN017353.D

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ClientSampleId :

BP-VPB-RW9-GW-398-400

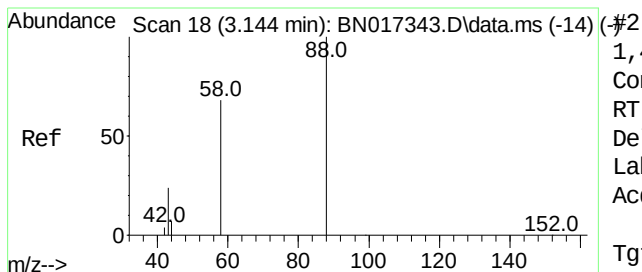
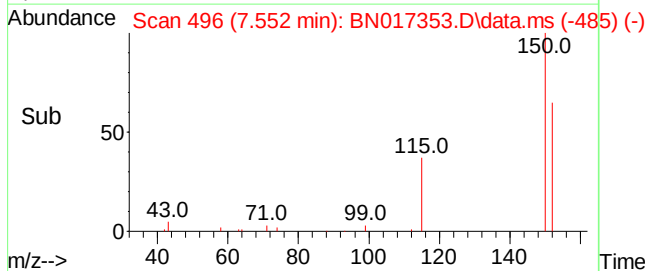
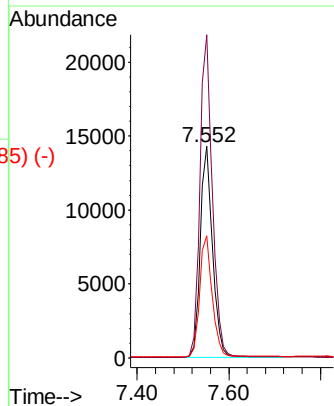
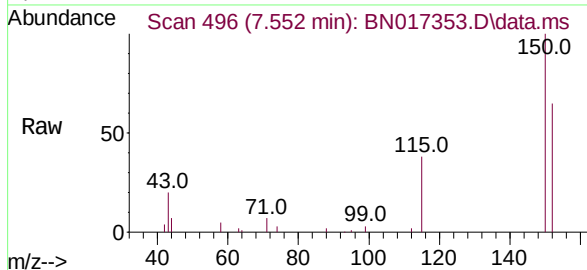
Tgt Ion:152 Resp: 26478

Ion Ratio Lower Upper

152 100

150 152.8 123.0 184.4

115 57.6 45.6 68.4



1,4-Dioxane

Concen: 0.395 ng

RT: 3.153 min Scan# 19

Delta R.T. 0.009 min

Lab File: BN017353.D

Acq: 09 Nov 2021 17:17

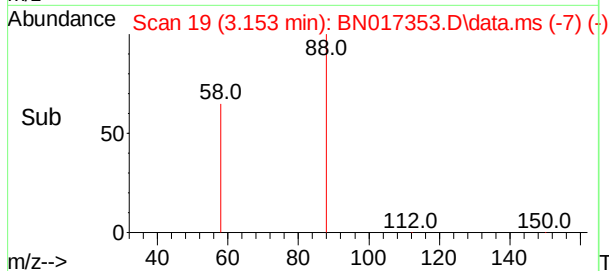
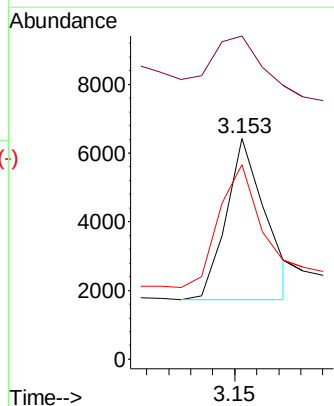
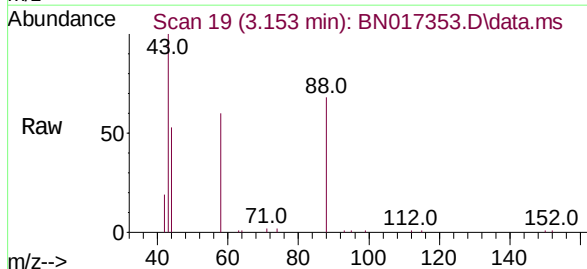
Tgt Ion: 88 Resp: 5859

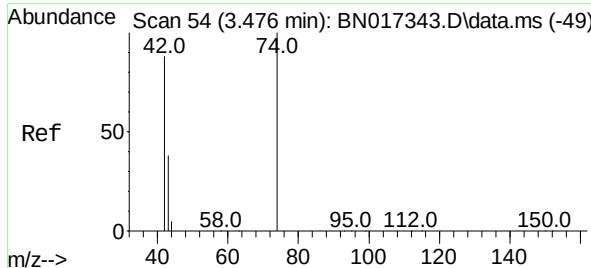
Ion Ratio Lower Upper

88 100

43 33.5 24.7 37.1

58 80.5 63.0 94.6

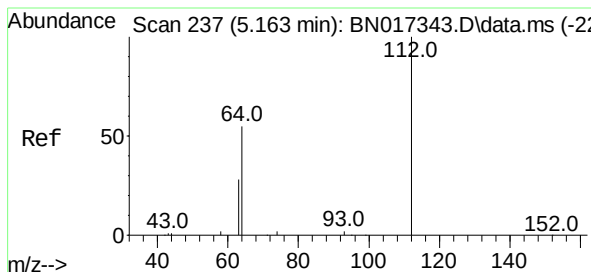
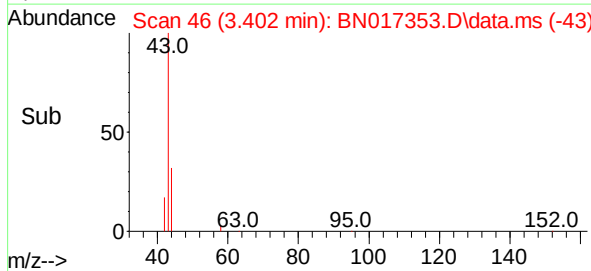
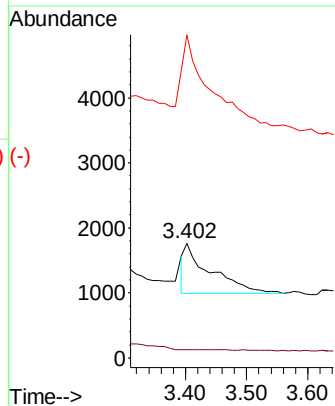
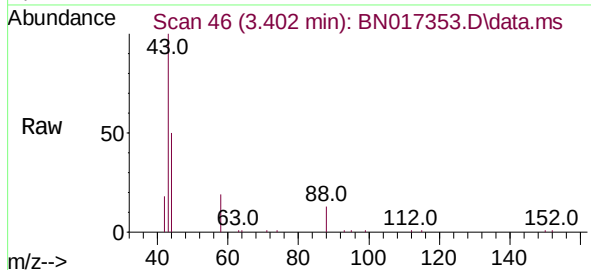




n-Nitrosodimethylamine
 Concen: 0.100 ng
 RT: 3.402 min Scan# 4
 Delta R.T. -0.074 min
 Lab File: BN017353.D
 Acq: 09 Nov 2021 17:17

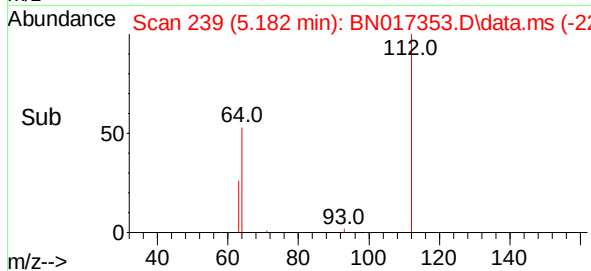
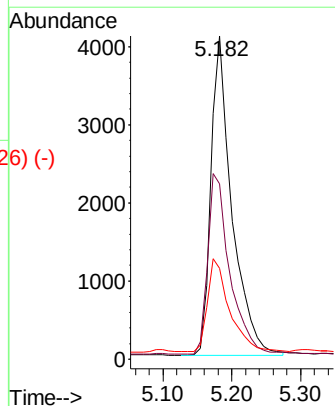
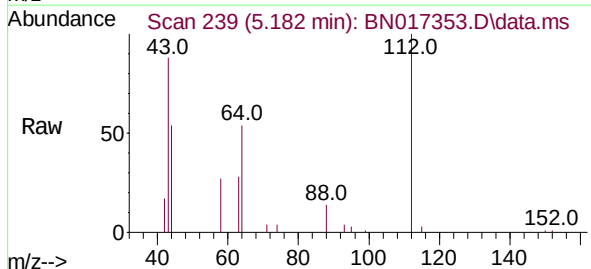
Instrument :
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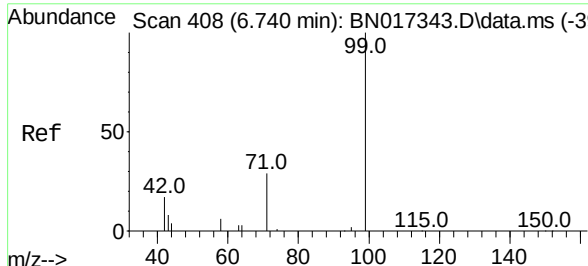
Tgt Ion:	42	Resp:	2269
Ion	Ratio	Lower	Upper
42	100		
74	2.9	97.8	146.6#
44	170.6	5.5	8.3#



2-Fluorophenol
 Concen: 0.141 ng
 RT: 5.182 min Scan# 239
 Delta R.T. 0.019 min
 Lab File: BN017353.D
 Acq: 09 Nov 2021 17:17

Tgt Ion:	112	Resp:	8621
Ion	Ratio	Lower	Upper
112	100		
64	59.5	47.6	71.4
63	30.6	24.6	37.0

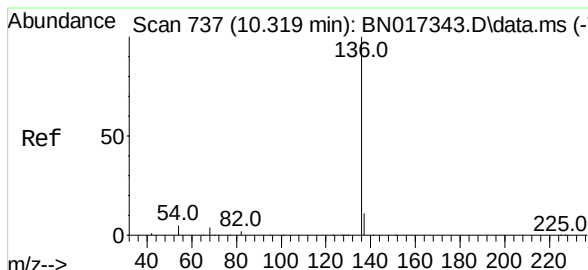
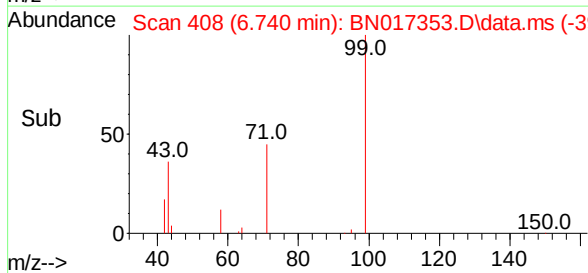
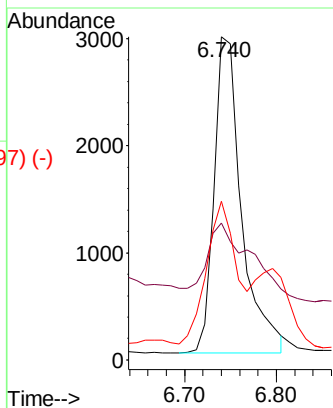
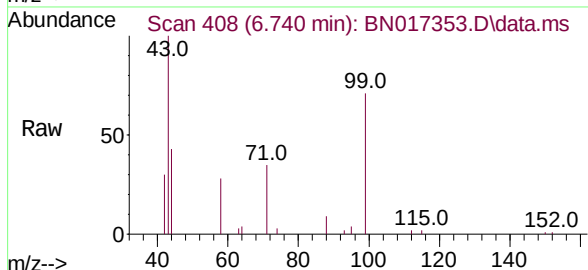




Phenol-d6
 Concen: 0.091 ng
 RT: 6.740 min Scan# 4
 Delta R.T. 0.000 min
 Lab File: BN017353.D
 Acq: 09 Nov 2021 17:17

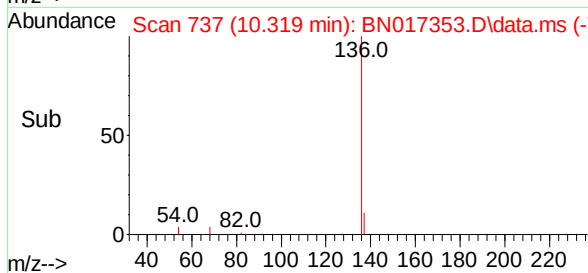
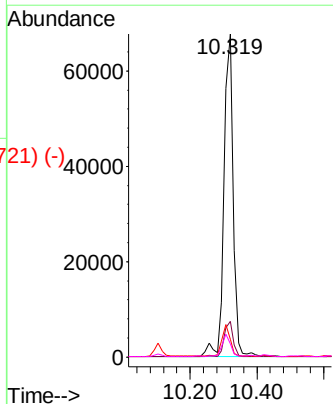
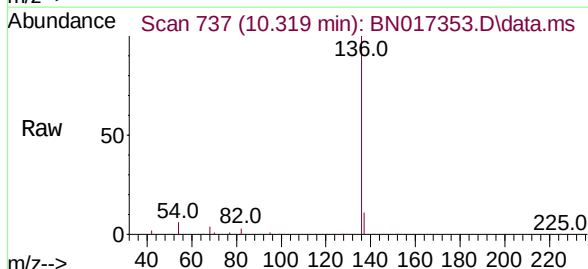
Instrument :
 BNA_N
ClientSampleId :
 BP-VPB-RW9-GW-398-400

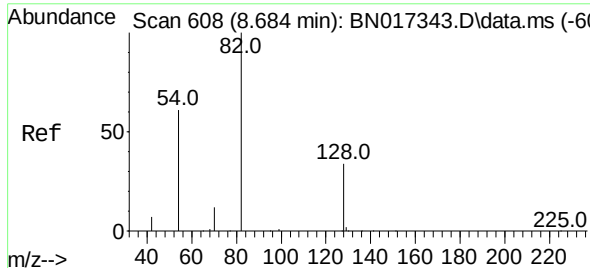
Tgt Ion:	99	Resp:	6090
Ion	Ratio	Lower	Upper
99	100		
42	28.9	17.0	25.6#
71	49.7	24.8	37.2#



Naphthalene-d8
 Concen: 0.400 ng
 RT: 10.319 min Scan# 737
 Delta R.T. 0.000 min
 Lab File: BN017353.D
 Acq: 09 Nov 2021 17:17

Tgt Ion:	136	Resp:	129854
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	5.5	4.0	6.0
68	4.2	3.0	4.6





Nitrobenzene-d5

Concen: 0.297 ng

RT: 8.697 min Scan# 609

Delta R.T. 0.013 min

Lab File: BN017353.D

Acq: 09 Nov 2021 17:17

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW9-GW-398-400

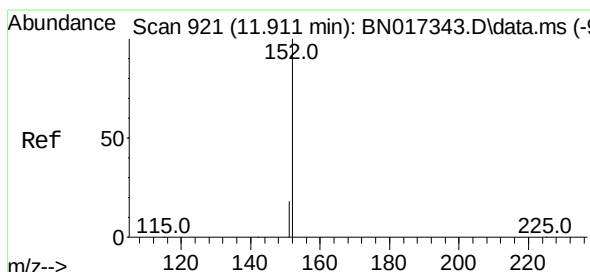
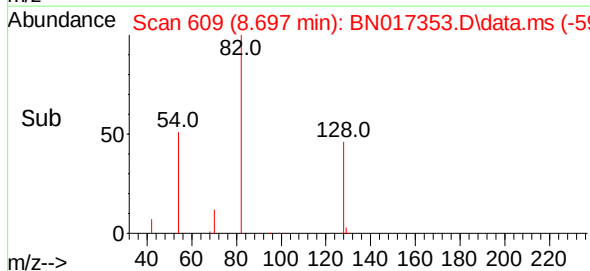
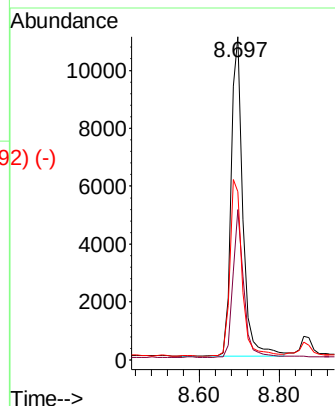
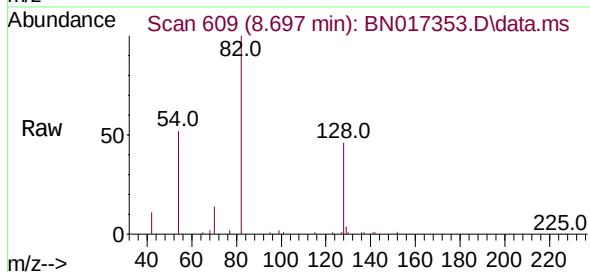
Tgt Ion: 82 Resp: 23117

Ion Ratio Lower Upper

82 100

128 46.5 27.7 41.5#

54 52.0 49.2 73.8



2-Methylnaphthalene-d10

Concen: 0.326 ng

RT: 11.911 min Scan# 921

Delta R.T. 0.000 min

Lab File: BN017353.D

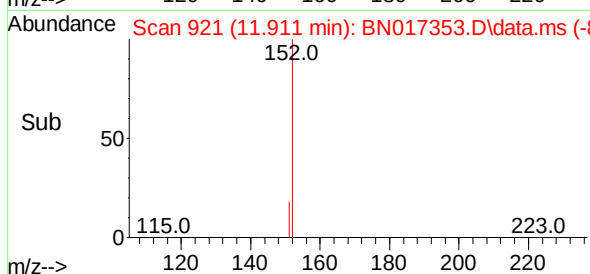
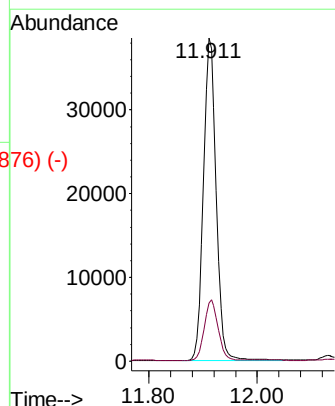
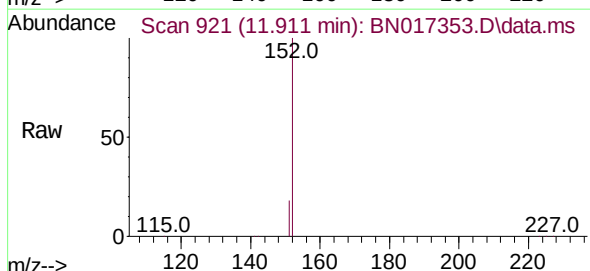
Acq: 09 Nov 2021 17:17

Tgt Ion: 152 Resp: 62280

Ion Ratio Lower Upper

152 100

151 20.6 16.2 24.4



Abundance Scan 1187 (14.181 min): BN017343.D\data.ms (-1718) (-)

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.181 min Scan# 1187

Delta R.T. 0.000 min

Lab File: BN017353.D

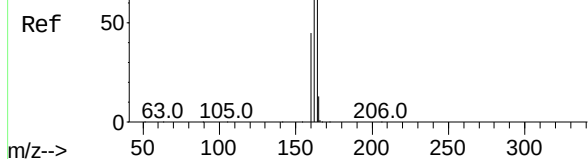
Acq: 09 Nov 2021 17:17

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW9-GW-398-400



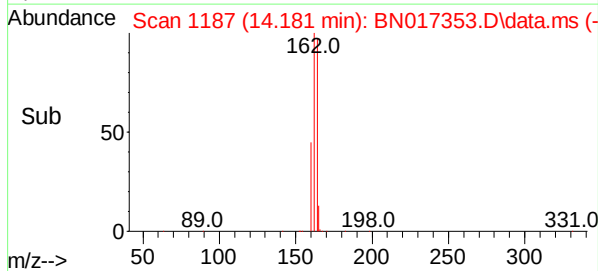
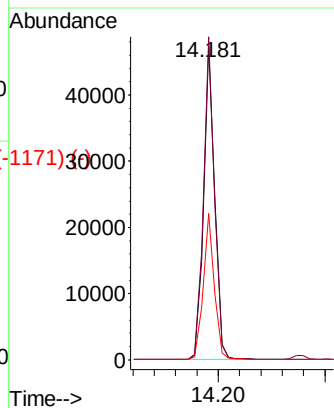
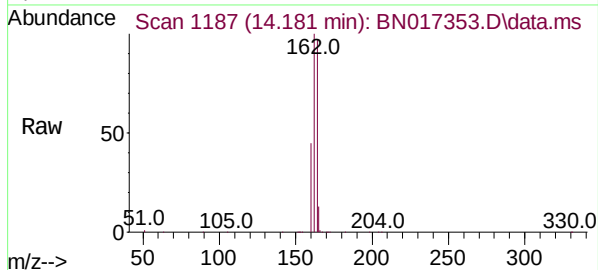
Tgt Ion:164 Resp: 68165

Ion Ratio Lower Upper

164 100

162 103.0 81.4 122.2

160 46.7 36.8 55.2



Abundance Scan 1305 (15.678 min): BN017343.D\data.ms (-1304) (-)

2,4,6-Tribromophenol

Concen: 0.301 ng

RT: 15.679 min Scan# 1305

Delta R.T. 0.000 min

Lab File: BN017353.D

Acq: 09 Nov 2021 17:17

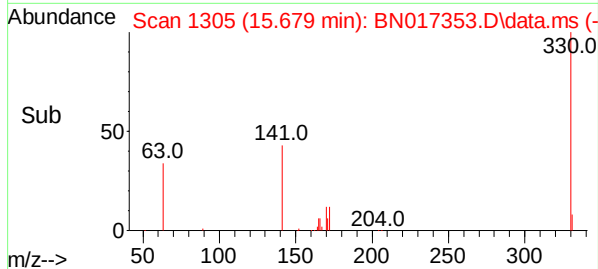
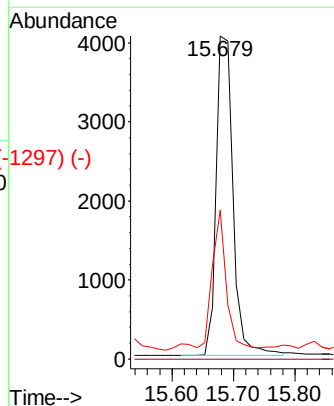
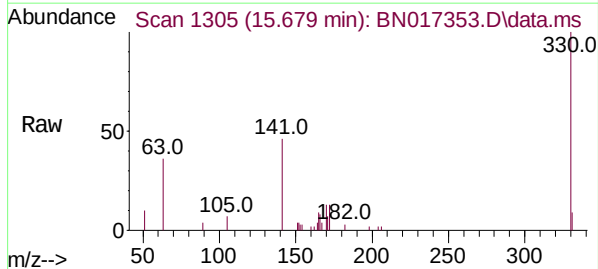
Tgt Ion:330 Resp: 7672

Ion Ratio Lower Upper

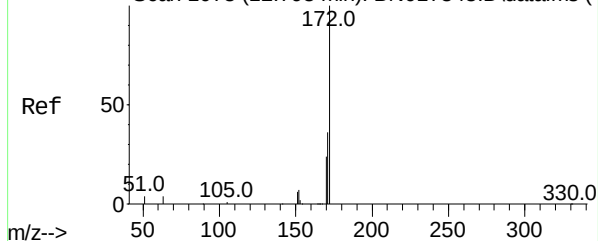
330 100

332 0.0 0.0 0.0

141 36.3 28.9 43.3



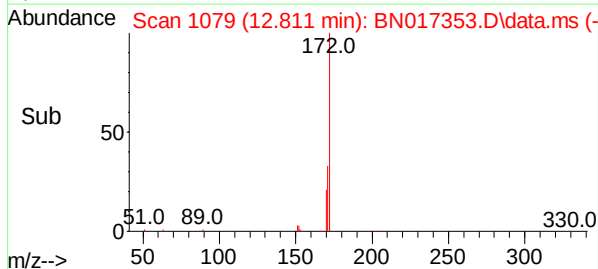
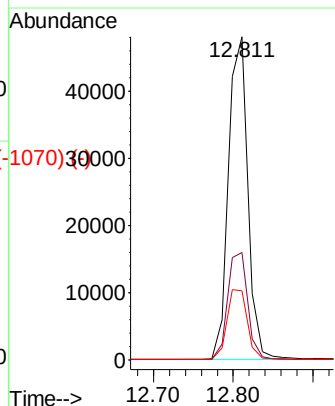
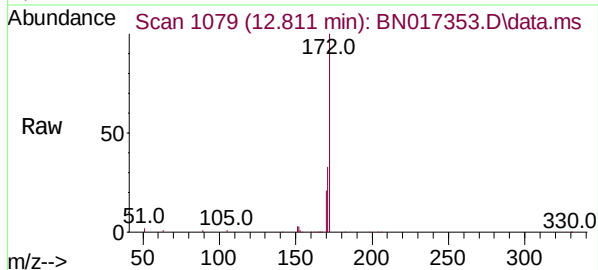
Abundance Scan 1078 (12.798 min): BN017343.D\data.ms (-10715) (-)



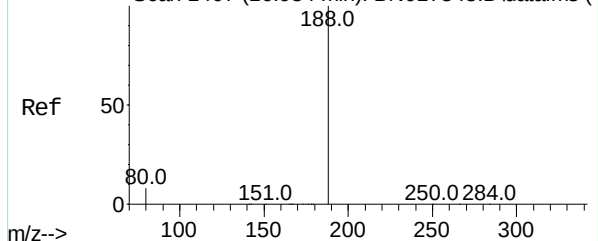
2-Fluorobiphenyl
Concen: 0.317 ng
RT: 12.811 min Scan# 1079
Delta R.T. 0.013 min
Lab File: BN017353.D
Acq: 09 Nov 2021 17:17

Instrument :
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Tgt Ion:	172	Resp:	82189
Ion	Ratio	Lower	Upper
172	100		
171	33.2	28.7	43.1
170	21.4	19.4	29.2

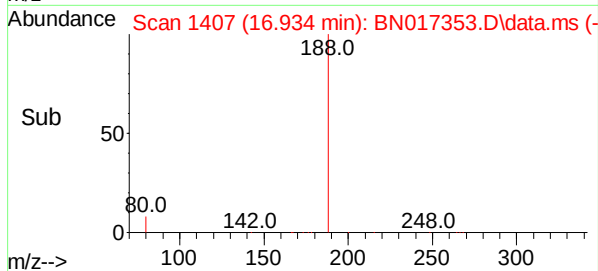
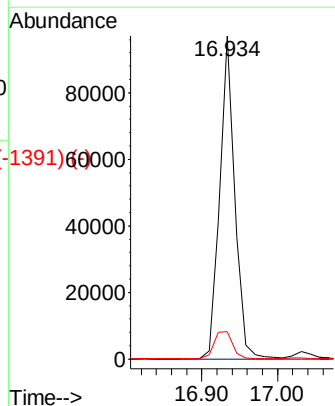
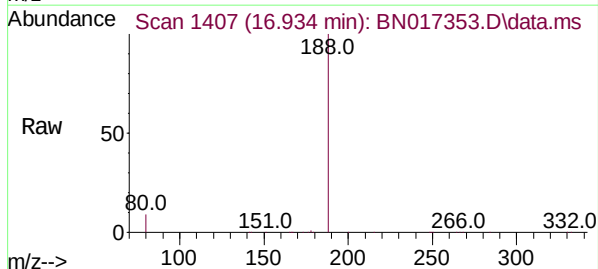


Abundance Scan 1407 (16.934 min): BN017343.D\data.ms (-14019) (-)



Phenanthrene-d10
Concen: 0.400 ng
RT: 16.934 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BN017353.D
Acq: 09 Nov 2021 17:17

Tgt Ion:	188	Resp:	134399
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.5	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: 15.361 min Scan# 1278

Delta R.T. 0.025 min

Lab File: BN017353.D

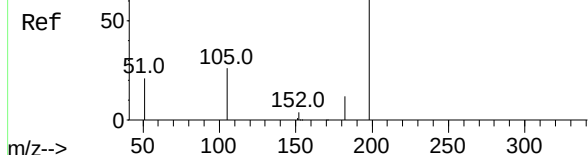
Acq: 09 Nov 2021 17:17

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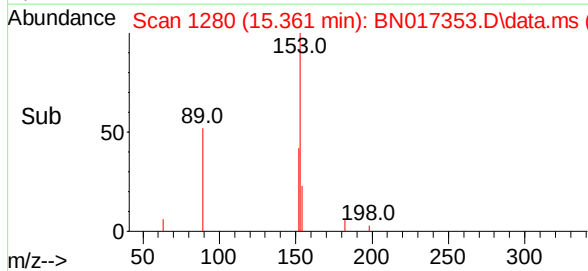
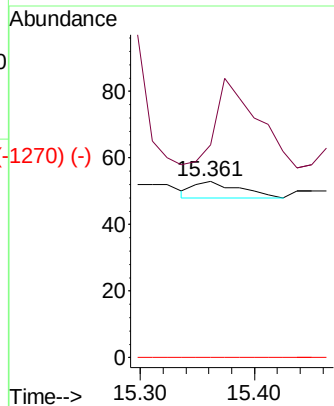
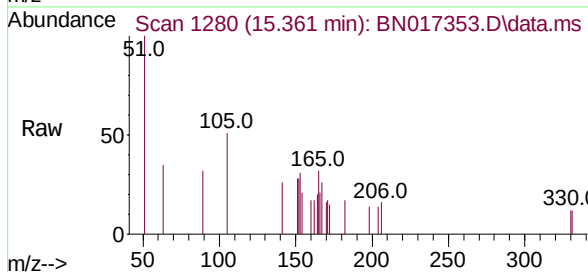
Tgt Ion:198 Resp: 14

Ion Ratio Lower Upper

198 100

182 120.8 11.4 17.2#

77 0.0 0.0 0.0



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

Pentachlorophenol

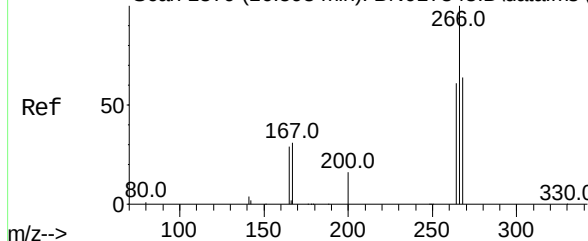
Concen: 0.221 ng

RT: 16.593 min Scan# 1379

Delta R.T. 0.000 min

Lab File: BN017353.D

Acq: 09 Nov 2021 17:17



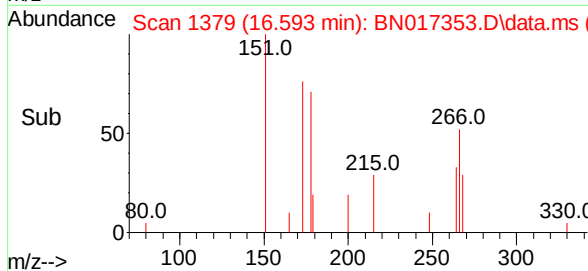
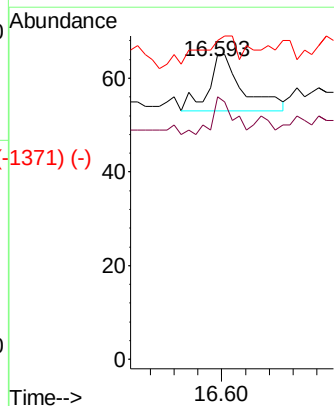
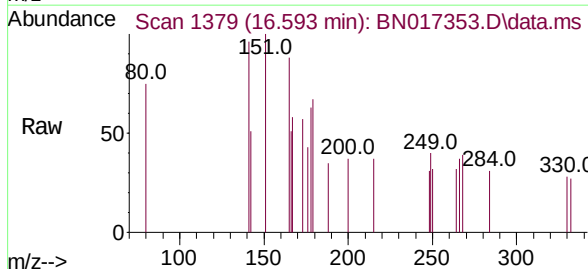
Tgt Ion:266 Resp: 49

Ion Ratio Lower Upper

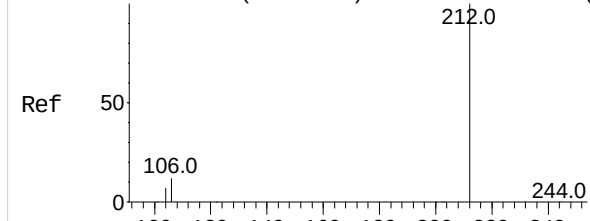
266 100

264 38.8 49.8 74.8#

268 44.9 51.3 76.9#



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



Fluoranthene-d10

Concen: 0.470 ng

RT: 18.975 min Scan# 1689

Delta R.T. 0.000 min

Lab File: BN017353.D

Acq: 09 Nov 2021 17:17

Instrument :

BNA_N

ClientSampleId :

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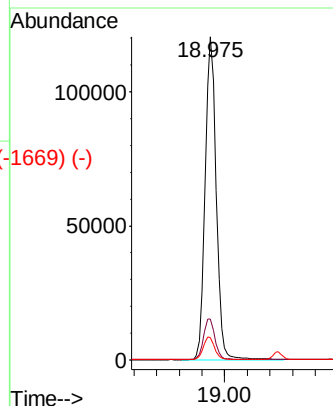
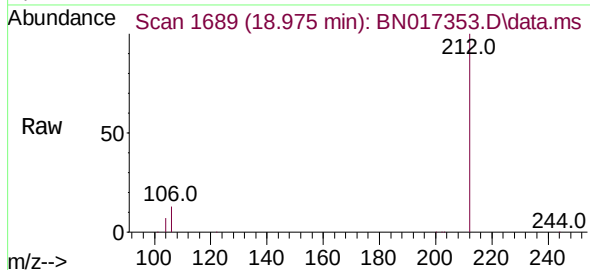
Tgt Ion:212 Resp: 161038

Ion Ratio Lower Upper

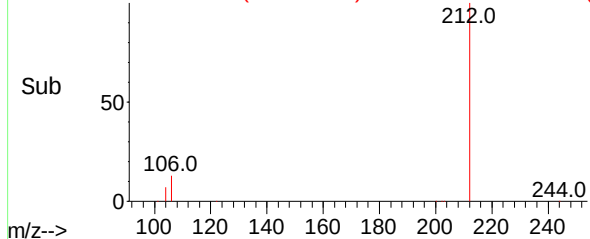
212 100

106 13.0 10.5 15.7

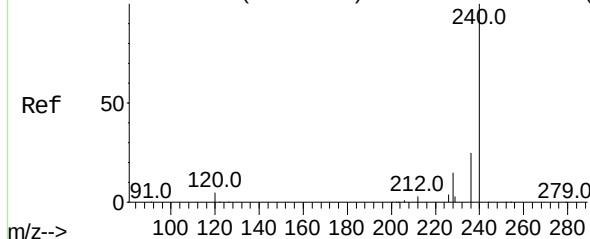
104 7.2 5.8 8.6



Abundance Scan 1689 (18.975 min): BN017353.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# 2004

Delta R.T. 0.000 min

Lab File: BN017353.D

Acq: 09 Nov 2021 17:17

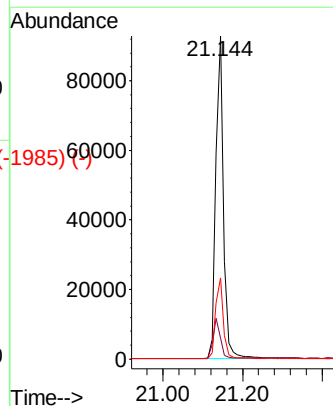
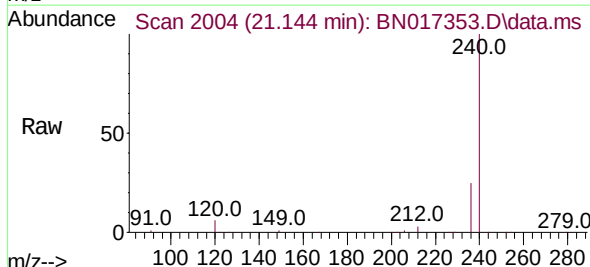
Tgt Ion:240 Resp: 125841

Ion Ratio Lower Upper

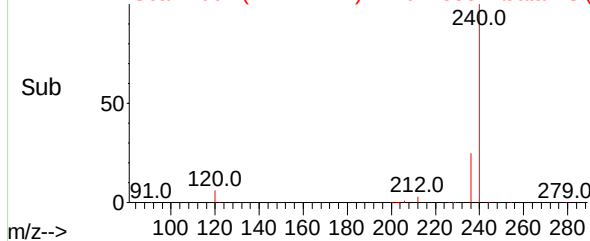
240 100

120 6.4 4.2 6.2#

236 25.2 20.0 30.0



Abundance Scan 2004 (21.144 min): BN017353.D\data.ms (-1985) (-)



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

Terphenyl-d14

Concen: 0.505 ng

RT: 19.591 min Scan# 1813

Delta R.T. 0.000 min

Lab File: BN017353.D

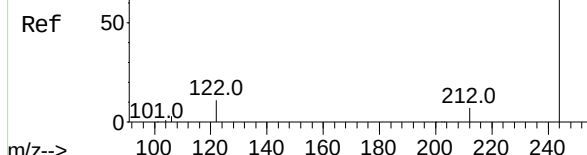
Acq: 09 Nov 2021 17:17

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW9-GW-398-400



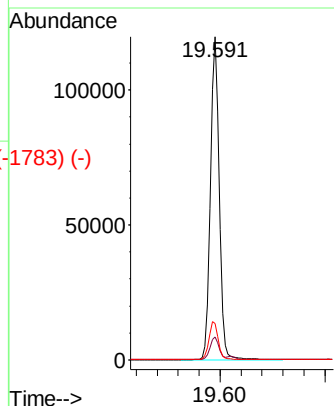
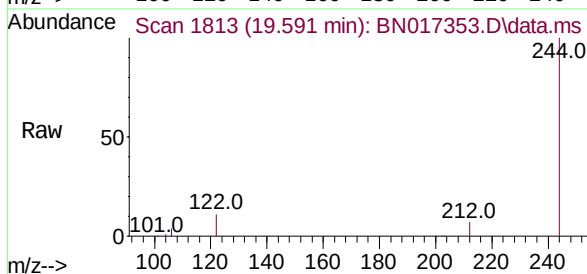
Tgt Ion:244 Resp: 141607

Ion Ratio Lower Upper

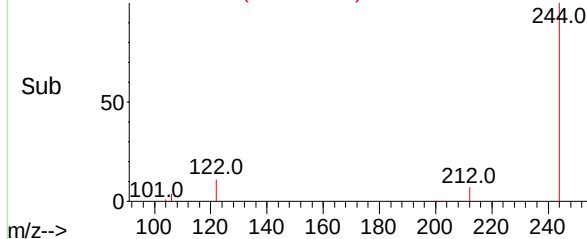
244 100

212 7.2 5.7 8.5

122 11.3 8.6 13.0



Abundance Scan 1813 (19.591 min): BN017353.D\data.ms (-1783) (-)



Abundance Scan 1998 (21.080 min): BN017343.D\data.ms (-1934) (-)

Bis(2-ethylhexyl)phthalate

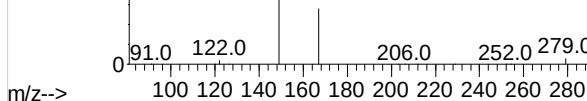
Concen: 0.420 ng

RT: 21.080 min Scan# 1998

Delta R.T. 0.000 min

Lab File: BN017353.D

Acq: 09 Nov 2021 17:17



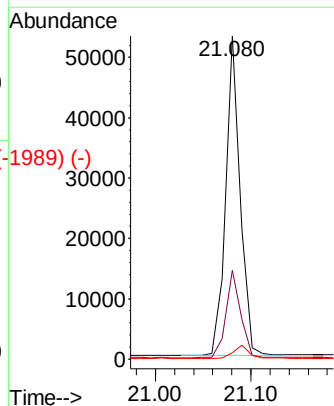
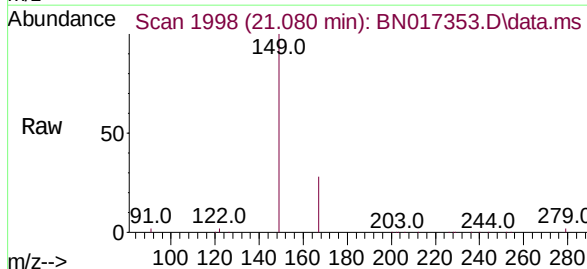
Tgt Ion:149 Resp: 56598

Ion Ratio Lower Upper

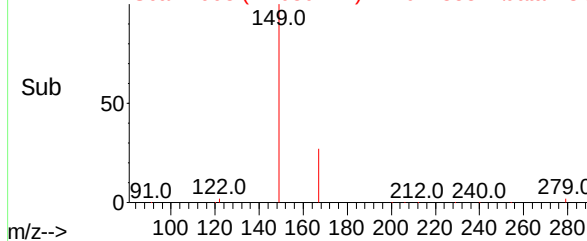
149 100

167 27.6 21.8 32.6

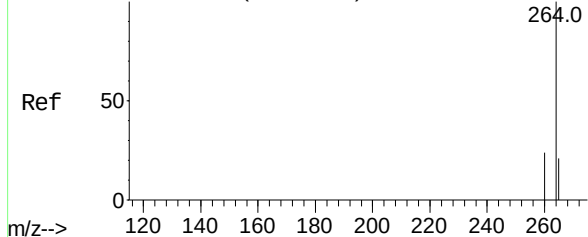
279 4.3 3.4 5.0



Abundance Scan 1998 (21.080 min): BN017353.D\data.ms (-1989) (-)



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. 0.003 min

Lab File: BN017353.D

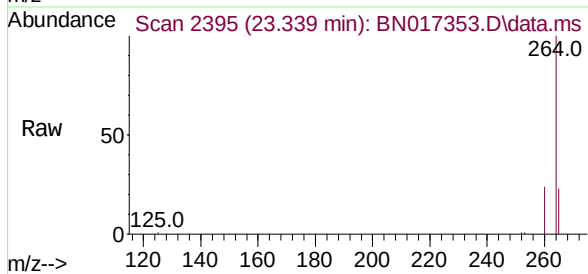
Acq: 09 Nov 2021 17:17

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW9-GW-398-400



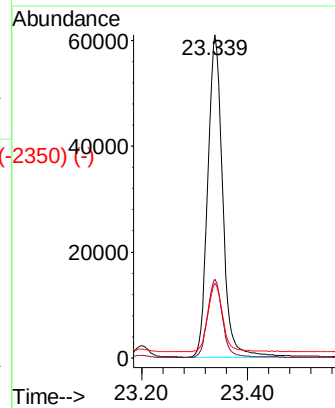
Tgt Ion:264 Resp: 118805

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): BN017353.D\data.ms (-2350) (-)

