

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110921\
 Data File : BN017373.D
 Acq On : 10 Nov 2021 06:40
 Operator : CG/JU
 Sample : M4508-10
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW9-GW-598-600

Quant Time: Nov 10 11:23:10 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)

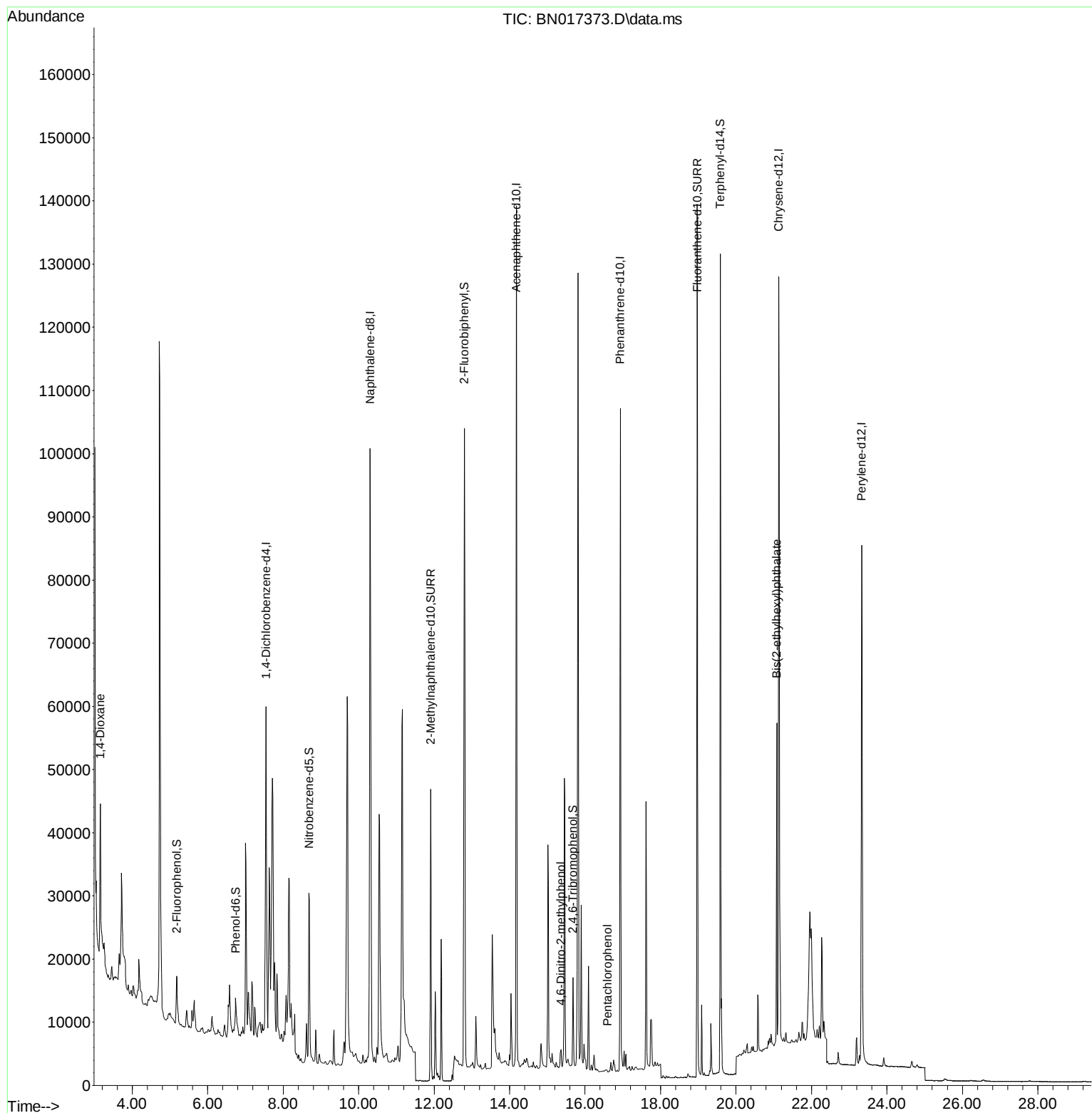
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.552	152	28088	0.400	ng	0.00
7) Naphthalene-d8	10.307	136	131284	0.400	ng	# 0.00
13) Acenaphthene-d10	14.181	164	73076	0.400	ng	0.00
19) Phenanthrene-d10	16.934	188	136438	0.400	ng	0.00
29) Chrysene-d12	21.133	240	125646	0.400	ng	# 0.00
35) Perylene-d12	23.332	264	111049	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.182	112	8894	0.137	ng	0.02
5) Phenol-d6	6.740	99	5883	0.082	ng	0.00
8) Nitrobenzene-d5	8.685	82	24961	0.317	ng	0.00
11) 2-Methylnaphthalene-d10	11.911	152	62598	0.324	ng	0.00
14) 2,4,6-Tribromophenol	15.679	330	10520	0.386	ng	0.00
15) 2-Fluorobiphenyl	12.799	172	88513	0.318	ng	0.00
27) Fluoranthene-d10	18.975	212	157189	0.452	ng	0.00
31) Terphenyl-d14	19.586	244	128199	0.458	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.153	88	14208	0.903	ng	95
20) 4,6-Dinitro-2-methylph...	15.361	198	11	0.187	ng	# 1
24) Pentachlorophenol	16.593	266	82	0.222	ng	92
34) Bis(2-ethylhexyl)phtha...	21.080	149	44598	0.332	ng	98

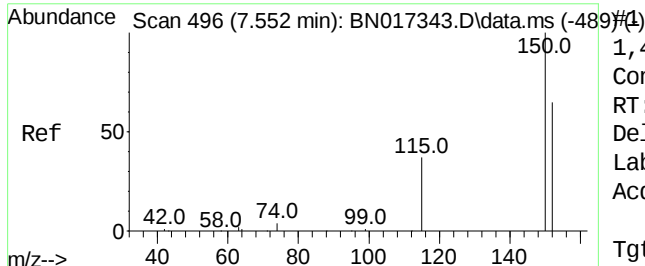
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.552 min Scan# 4

Delta R.T. 0.010 min

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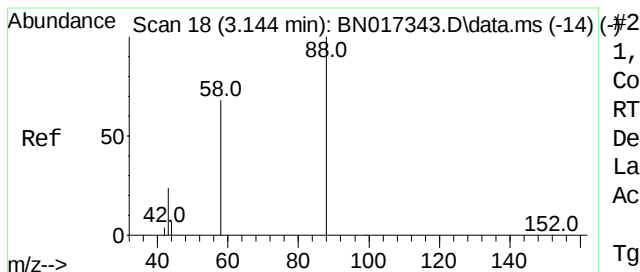
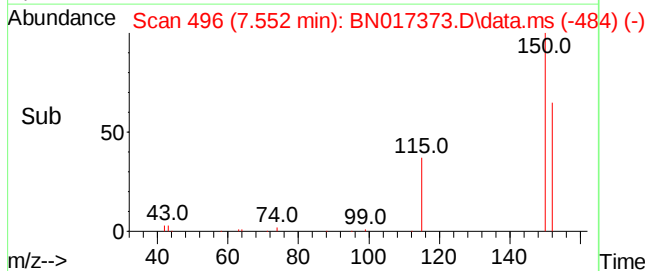
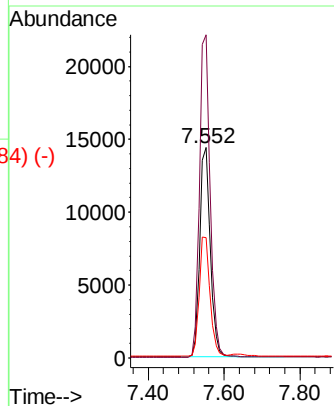
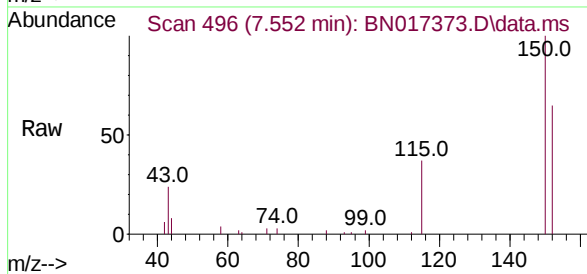
Tgt Ion:152 Resp: 28088

Ion Ratio Lower Upper

152 100

150 153.6 123.0 184.4

115 57.3 45.6 68.4



1,4-Dioxane

Concen: 0.903 ng

RT: 3.153 min Scan# 19

Delta R.T. 0.009 min

Lab File: BN017373.D

Acq: 10 Nov 2021 06:40

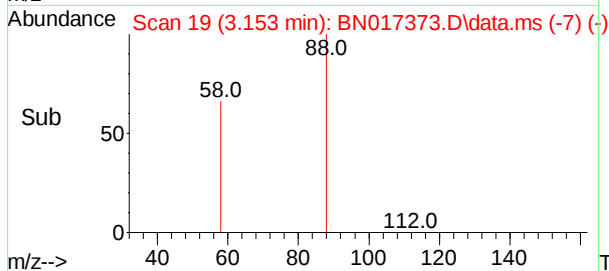
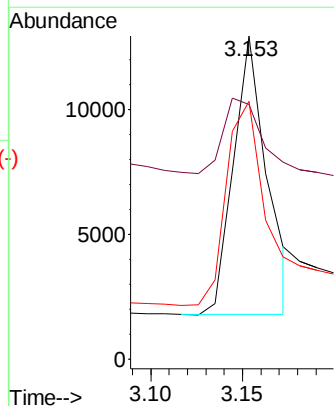
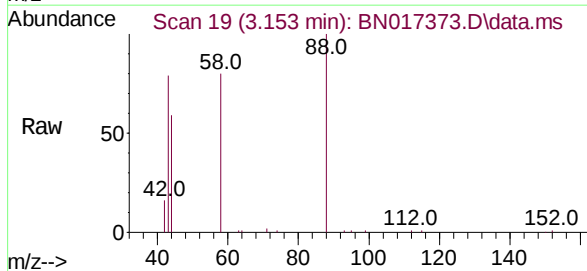
Tgt Ion: 88 Resp: 14208

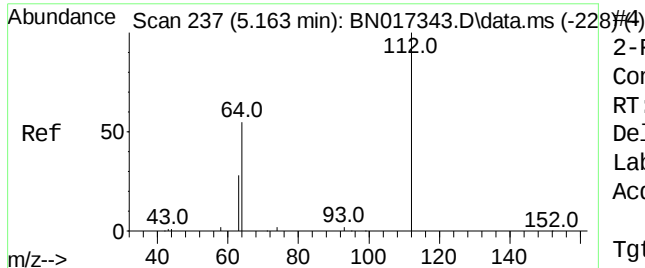
Ion Ratio Lower Upper

88 100

43 30.3 24.7 37.1

58 84.2 63.0 94.6





2-Fluorophenol

Concen: 0.137 ng

RT: 5.182 min Scan# 1

Delta R.T. 0.019 min

Lab File: BN017373.D

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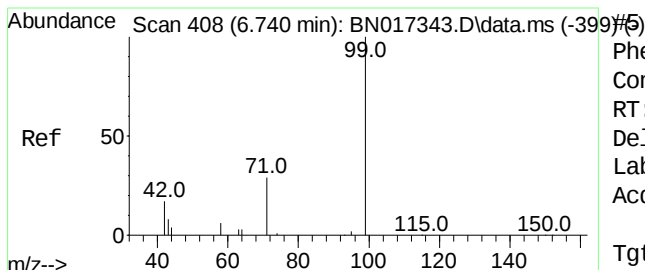
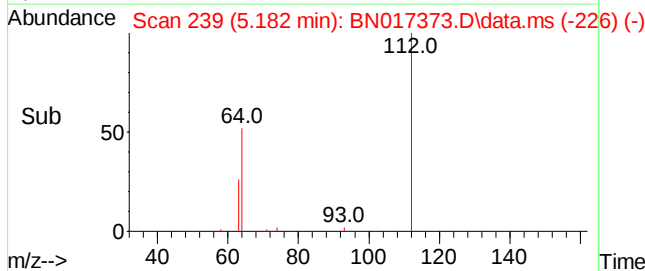
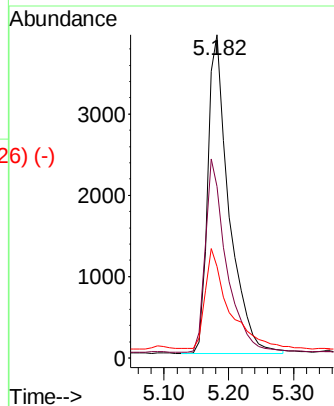
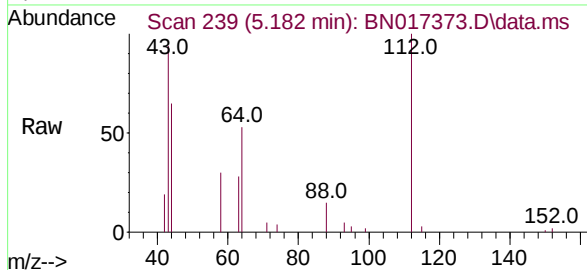
Tgt Ion:112 Resp: 8894

Ion Ratio Lower Upper

112 100

64 60.4 47.6 71.4

63 34.6 24.6 37.0



Phenol-d6

Concen: 0.082 ng

RT: 6.740 min Scan# 408

Delta R.T. 0.009 min

Lab File: BN017373.D

Acq: 10 Nov 2021 06:40

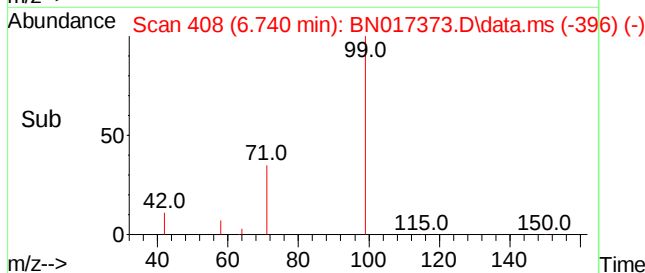
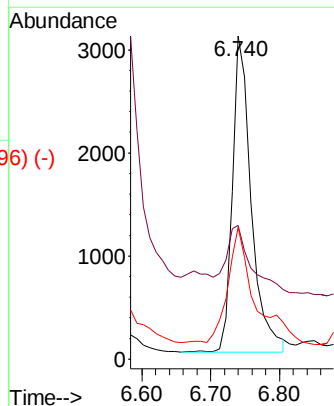
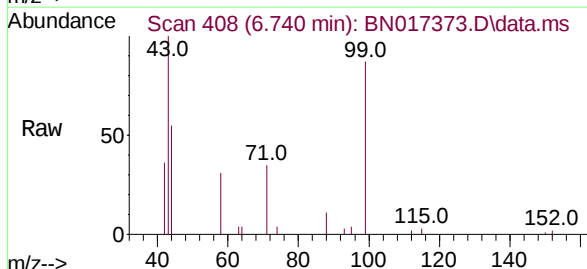
Tgt Ion: 99 Resp: 5883

Ion Ratio Lower Upper

99 100

42 24.5 17.0 25.6

71 49.4 24.8 37.2#



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

Naphthalene-d8

Concen: 0.400 ng

RT: 10.307 min Scan#

Delta R.T. 0.000 min

Lab File: BN017373.D

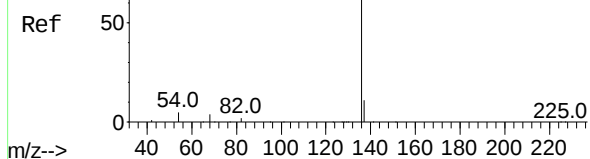
Acq: 10 Nov 2021 06:40

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW9-GW-598-600



Tgt Ion:136 Resp: 131284

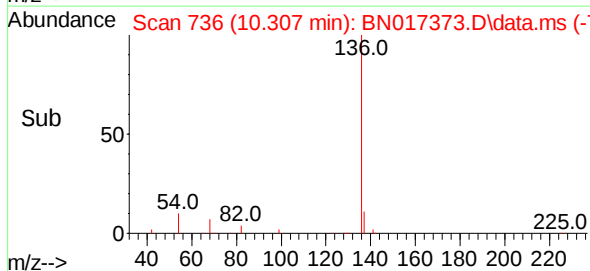
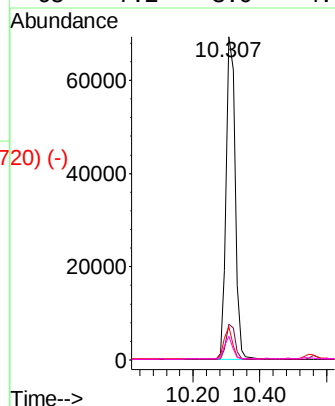
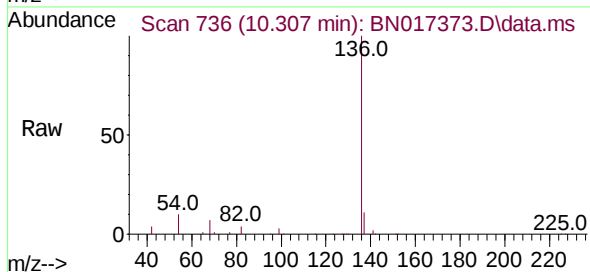
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 10.2 4.0 6.0#

68 7.2 3.0 4.6#



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

Nitrobenzene-d5

Concen: 0.317 ng

RT: 8.685 min Scan# 608

Delta R.T. 0.000 min

Lab File: BN017373.D

Acq: 10 Nov 2021 06:40

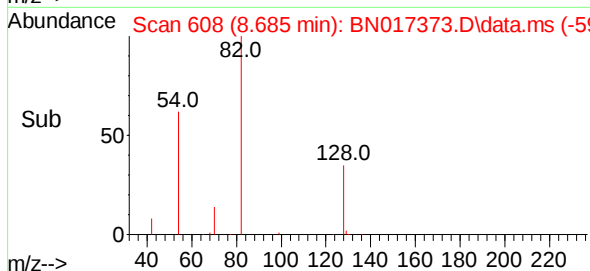
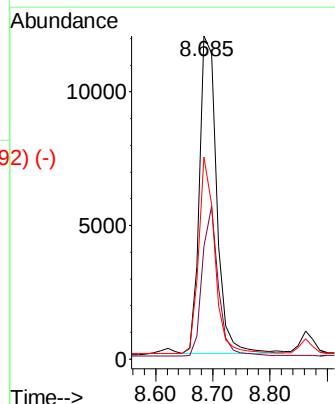
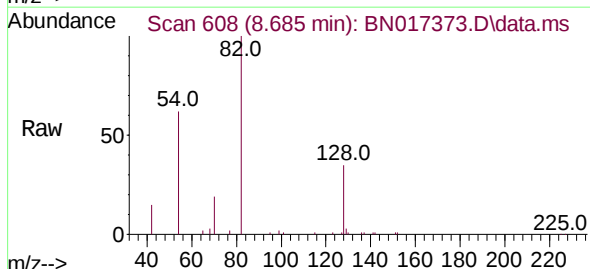
Tgt Ion: 82 Resp: 24961

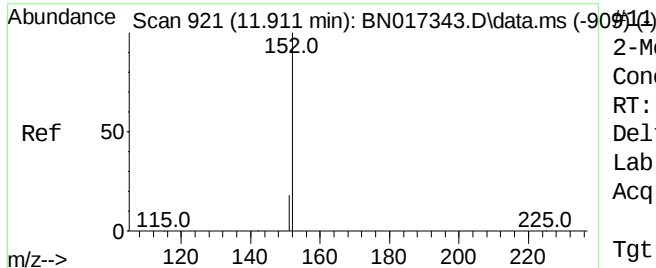
Ion Ratio Lower Upper

82 100

128 34.9 27.7 41.5

54 62.5 49.2 73.8

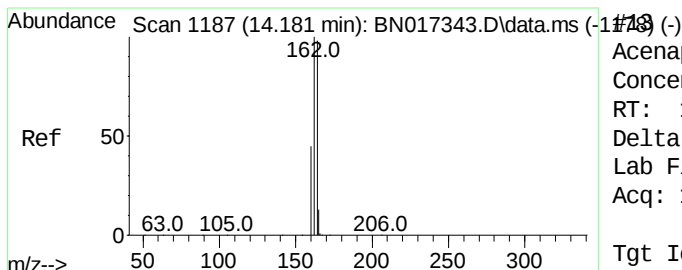
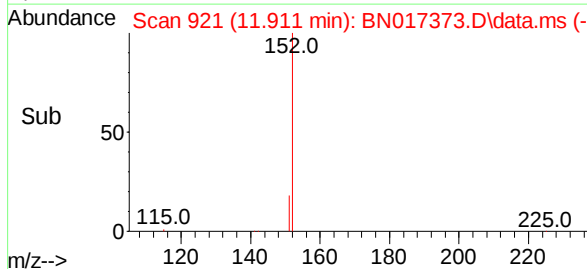
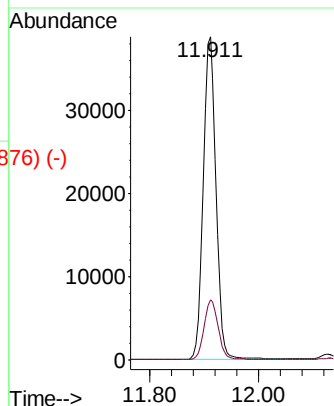
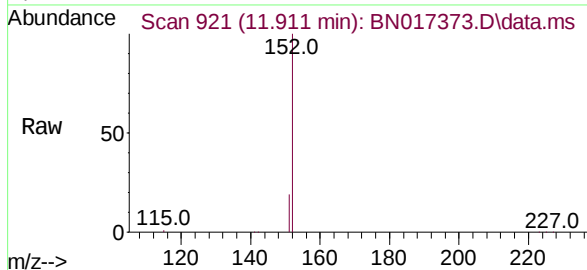




2-Methylnaphthalene-d10
 Concen: 0.324 ng
 RT: 11.911 min Scan# 921
 Delta R.T. 0.000 min
 Lab File: BN017373.D
 Acq: 10 Nov 2021 06:40

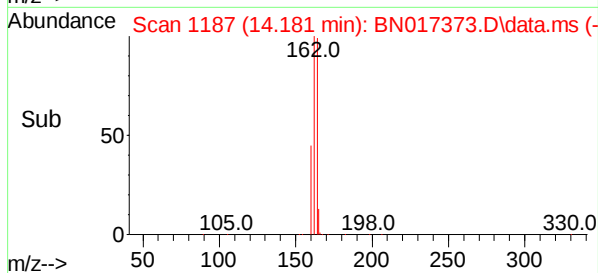
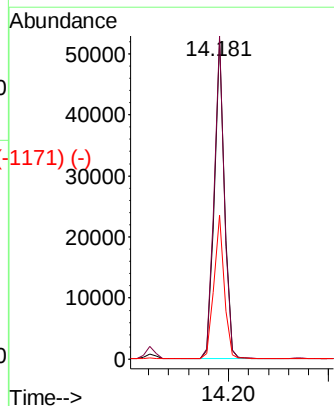
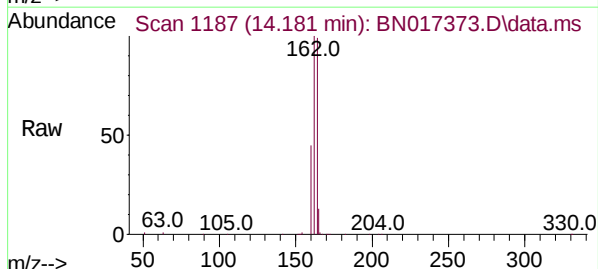
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW9-GW-598-600

Tgt Ion:152 Resp: 62598
 Ion Ratio Lower Upper
 152 100
 151 20.2 16.2 24.4



Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.181 min Scan# 1187
 Delta R.T. 0.000 min
 Lab File: BN017373.D
 Acq: 10 Nov 2021 06:40

Tgt Ion:164 Resp: 73076
 Ion Ratio Lower Upper
 164 100
 162 101.2 81.4 122.2
 160 45.1 36.8 55.2



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

2,4,6-Tribromophenol

Concen: 0.386 ng

RT: 15.679 min Scan# 1305

Delta R.T. 0.000 min

Lab File: BN017373.D

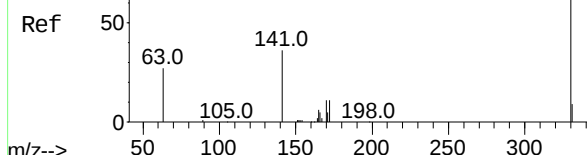
Acq: 10 Nov 2021 06:40

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW9-GW-598-600



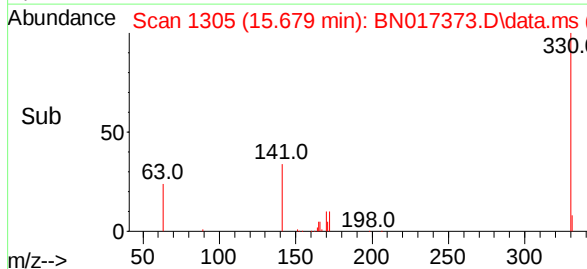
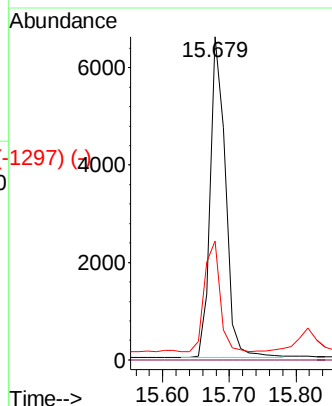
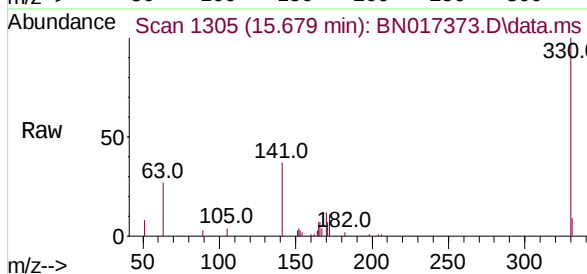
Tgt Ion:330 Resp: 10520

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 35.5 28.9 43.3



Abundance Scan 1078 (12.798 min): BN017343.D\data.ms (-1074) (-)

2-Fluorobiphenyl

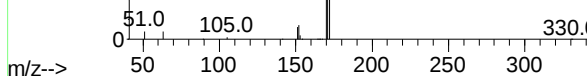
Concen: 0.318 ng

RT: 12.799 min Scan# 1078

Delta R.T. 0.000 min

Lab File: BN017373.D

Acq: 10 Nov 2021 06:40



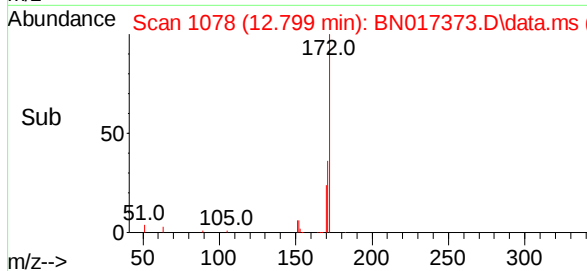
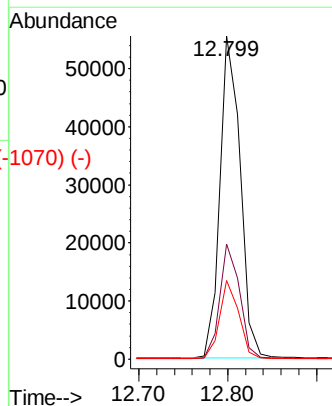
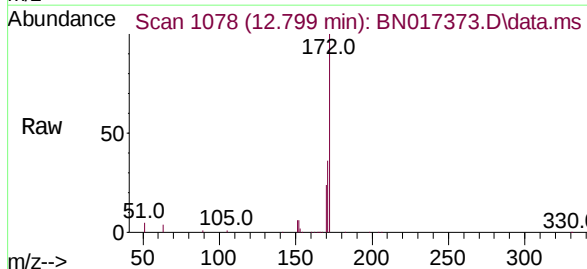
Tgt Ion:172 Resp: 88513

Ion Ratio Lower Upper

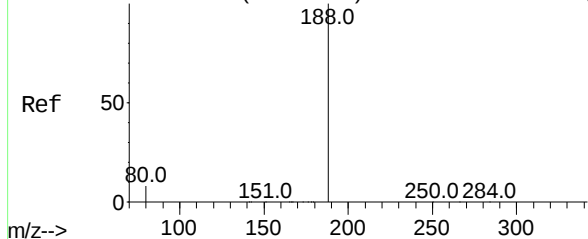
172 100

171 35.7 28.7 43.1

170 24.3 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: BN017373.D

Acq: 10 Nov 2021 06:40

Instrument :

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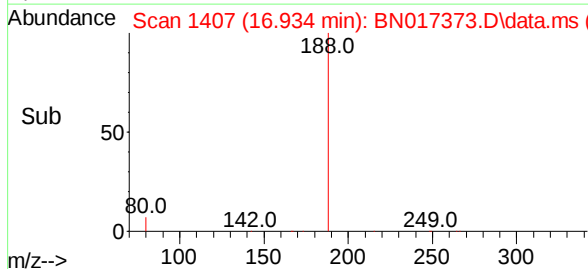
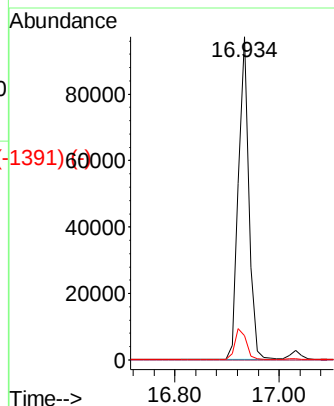
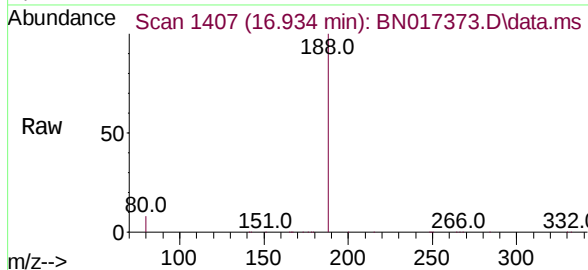
Tgt Ion:188 Resp: 136438

Ion Ratio Lower Upper

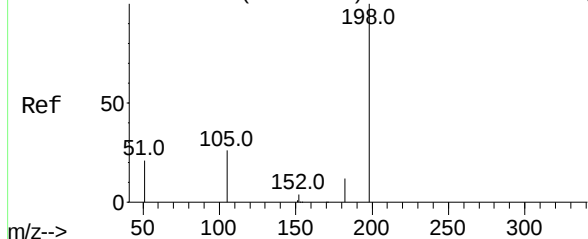
188 100

94 0.0 0.0 0.0

80 7.5 6.1 9.1



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



4,6-Dinitro-2-methylphenol

Concen: 0.187 ng

RT: 15.361 min Scan# 1280

Delta R.T. 0.025 min

Lab File: BN017373.D

Acq: 10 Nov 2021 06:40

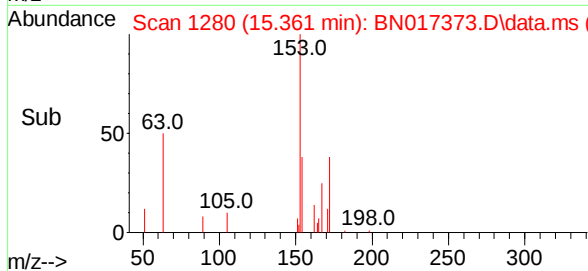
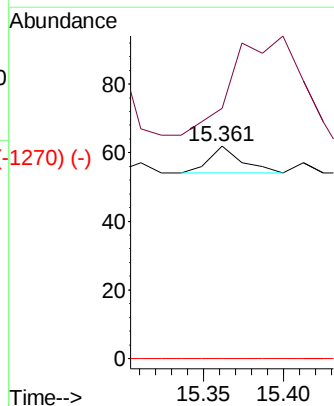
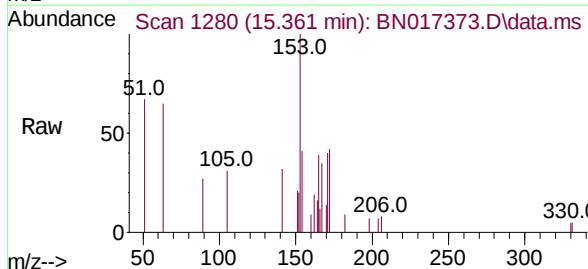
Tgt Ion:198 Resp: 11

Ion Ratio Lower Upper

198 100

182 117.7 11.4 17.2#

77 0.0 0.0 0.0



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

Pentachlorophenol

Concen: 0.222 ng

RT: 16.593 min Scan# 1379

Delta R.T. 0.000 min

Lab File: BN017373.D

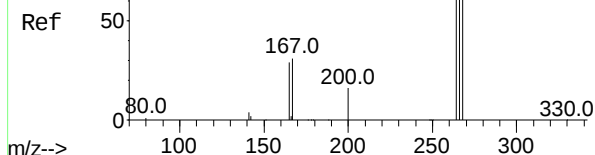
Acq: 10 Nov 2021 06:40

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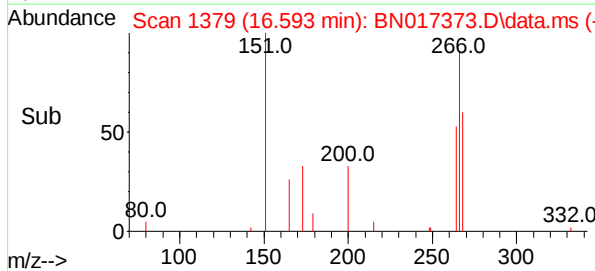
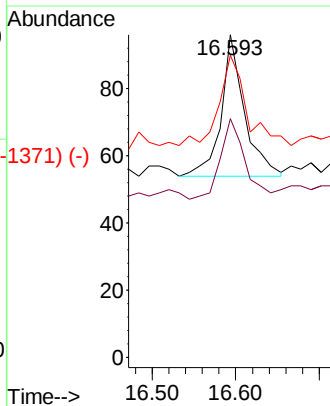
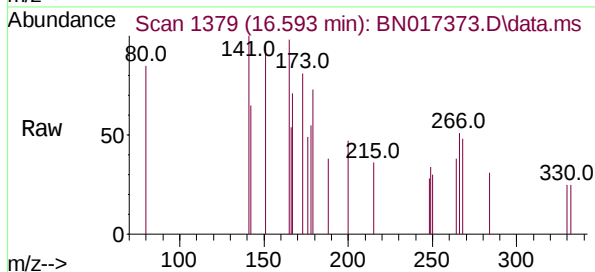
Tgt Ion:266 Resp: 82

Ion Ratio Lower Upper

266 100

264 61.0 49.8 74.8

268 75.6 51.3 76.9



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

Fluoranthene-d10

Concen: 0.452 ng

RT: 18.975 min Scan# 1689

Delta R.T. 0.000 min

Lab File: BN017373.D

Acq: 10 Nov 2021 06:40

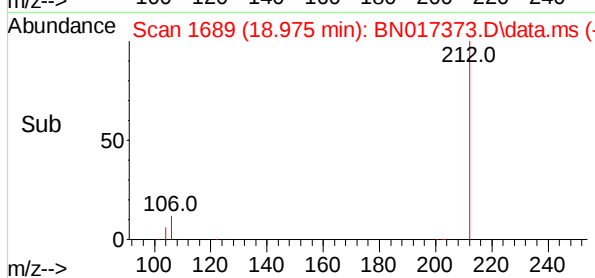
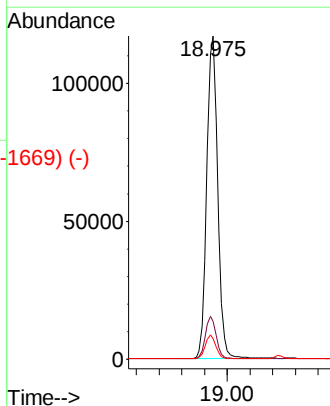
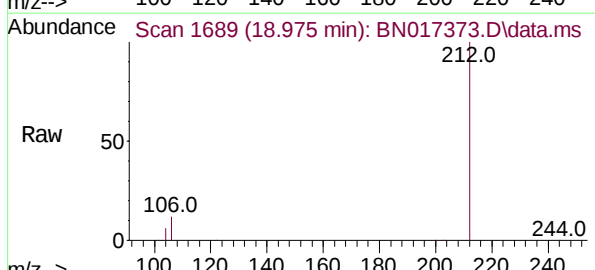
Tgt Ion:212 Resp: 157189

Ion Ratio Lower Upper

212 100

106 13.0 10.5 15.7

104 7.2 5.8 8.6



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

Chrysene-d12

Concen: 0.400 ng

RT: 21.133 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN017373.D

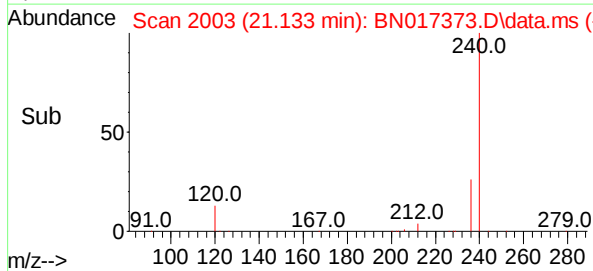
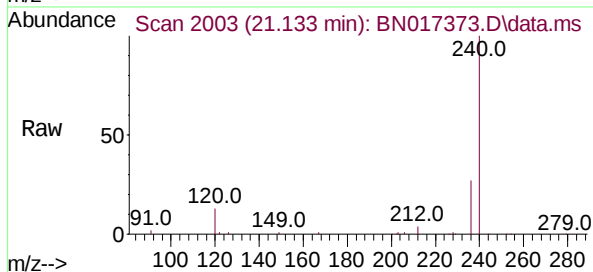
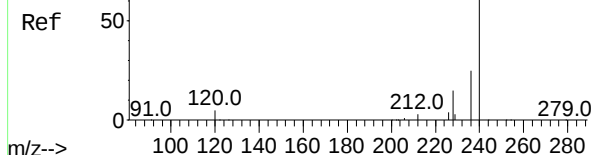
Acq: 10 Nov 2021 06:40

Instrument :

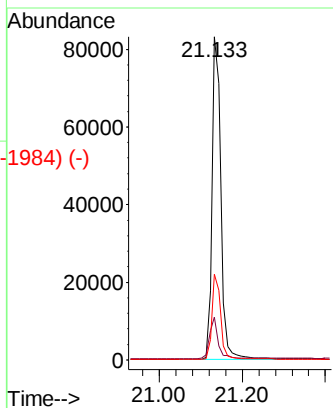
BNA_N

ClientSampleId :

BP-VPB-RW9-GW-598-600



Tgt Ion:	240	Resp:	125646
Ion Ratio	Lower	Upper	
240	100		
120	13.3	4.2	6.2#
236	26.5	20.0	30.0



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

Terphenyl-d14

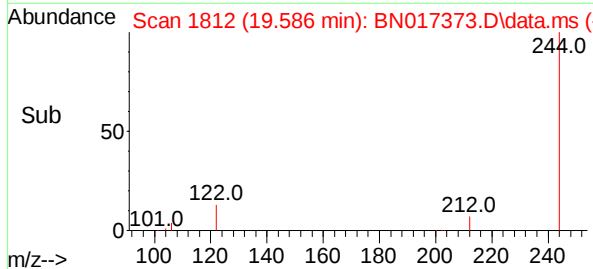
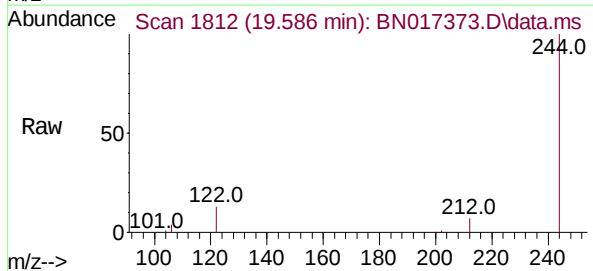
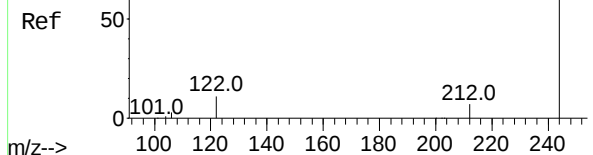
Concen: 0.458 ng

RT: 19.586 min Scan# 1812

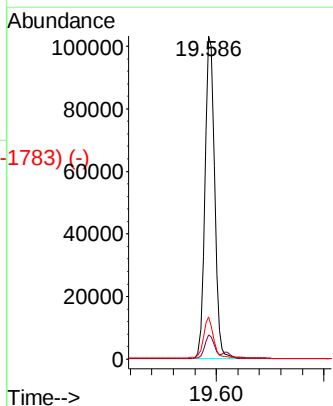
Delta R.T. -0.005 min

Lab File: BN017373.D

Acq: 10 Nov 2021 06:40



Tgt Ion:	244	Resp:	128199
Ion Ratio	Lower	Upper	
244	100		
212	7.5	5.7	8.5
122	13.0	8.6	13.0#



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

Bis(2-ethylhexyl)phthalate

Concen: 0.332 ng

RT: 21.080 min Scan# 1998

Delta R.T. 0.000 min

Lab File: BN017373.D

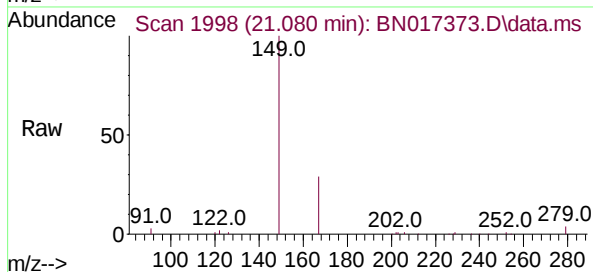
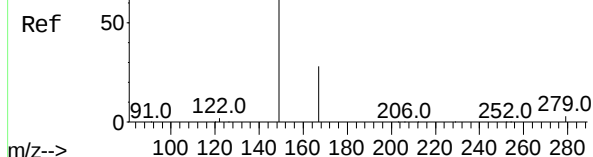
Acq: 10 Nov 2021 06:40

Instrument :

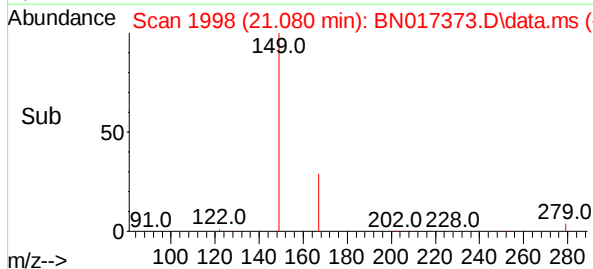
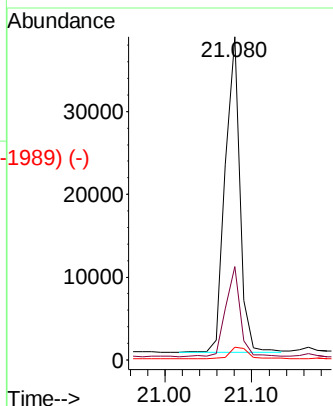
BNA_N

ClientSampleId :

BP-VPB-RW9-GW-598-600



Tgt Ion:	149	Resp:	44598
Ion	Ratio	Lower	Upper
149	100		
167	28.2	21.8	32.6
279	4.5	3.4	5.0



Abundance Scan 2394 (23.335 min): BN017343.D\data.ms (-2325) (-)

Perylene-d12

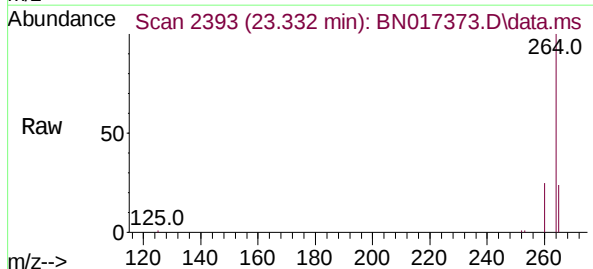
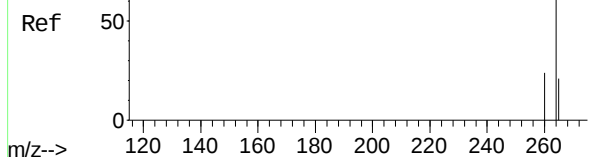
Concen: 0.400 ng

RT: 23.332 min Scan# 2393

Delta R.T. -0.003 min

Lab File: BN017373.D

Acq: 10 Nov 2021 06:40



Tgt Ion:	264	Resp:	111049
Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.2
265	23.5	18.6	28.0

