

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102921\
 Data File : BN017203.D
 Acq On : 30 Oct 2021 06:49
 Operator : CG/JU
 Sample : M4360-07
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW9-GW-238-240

Quant Time: Oct 30 07:44:33 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN102921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 30 00:49:11 2021
 Response via : Initial Calibration

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

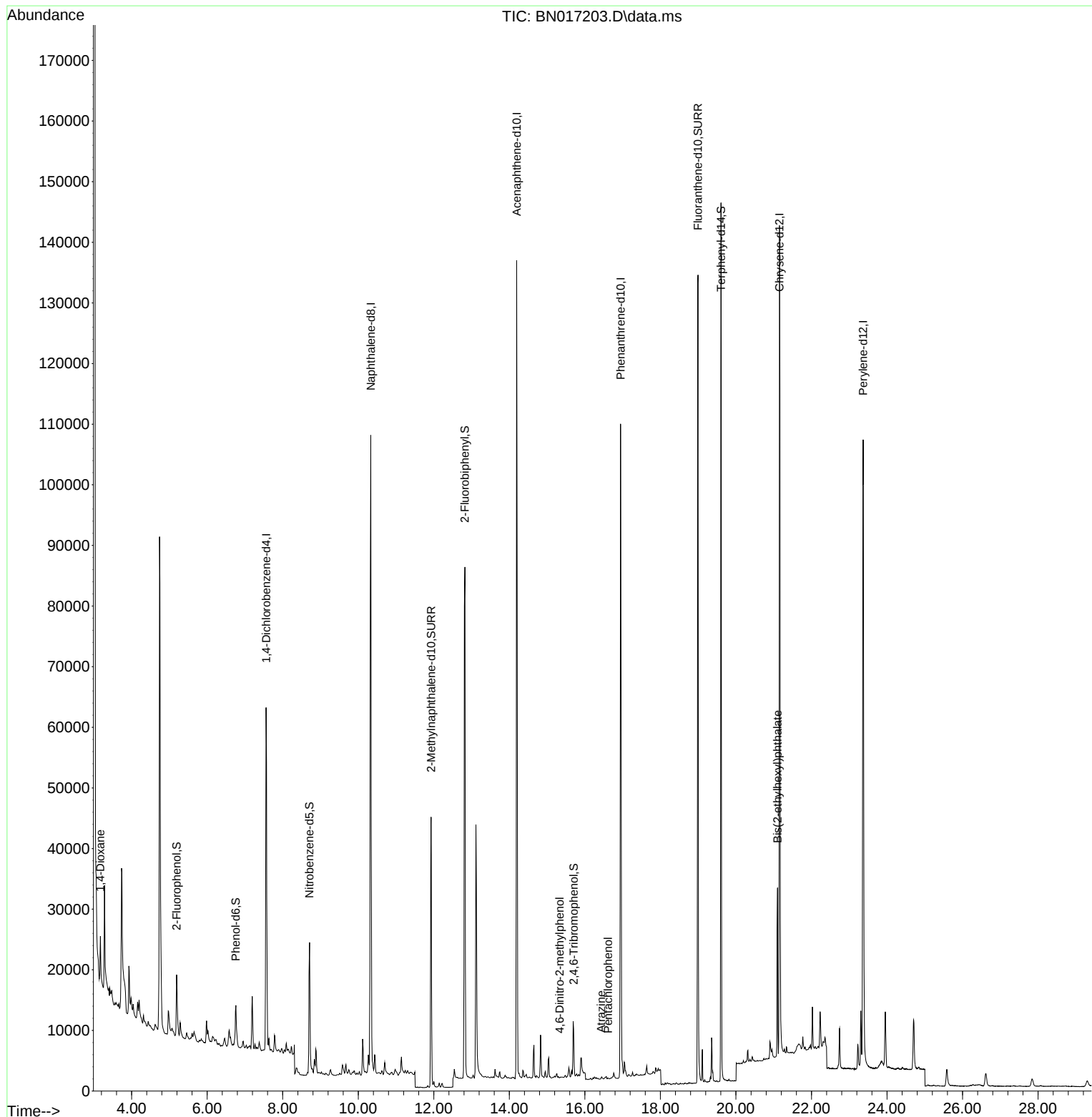
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.561	152	31870	0.400	ng	0.00
7) Naphthalene-d8	10.332	136	148437	0.400	ng	0.00
13) Acenaphthene-d10	14.194	164	77500	0.400	ng	0.00
19) Phenanthrene-d10	16.946	188	146695	0.400	ng	0.00
29) Chrysene-d12	21.154	240	142165	0.400	ng	#-0.01
35) Perylene-d12	23.366	264	140071	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.191	112	10732	0.150	ng	0.02
5) Phenol-d6	6.758	99	6862	0.087	ng	0.00
8) Nitrobenzene-d5	8.710	82	20443	0.236	ng	0.00
11) 2-Methylnaphthalene-d10	11.928	152	61978	0.275	ng	0.00
14) 2,4,6-Tribromophenol	15.704	330	7515	0.349	ng	0.00
15) 2-Fluorobiphenyl	12.823	172	82513	0.285	ng	0.00
27) Fluoranthene-d10	18.995	212	156085	0.379	ng	0.00
31) Terphenyl-d14	19.605	244	141071	0.462	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.172	88	3323	0.196	ng	# 54
20) 4,6-Dinitro-2-methylph...	15.336	198	7	0.082	ng	# 1
23) Atrazine	16.435	200	88	0.094	ng	# 1
24) Pentachlorophenol	16.617	266	113	0.235	ng	# 86
34) Bis(2-ethylhexyl)phtha...	21.101	149	26477	0.272	ng	99

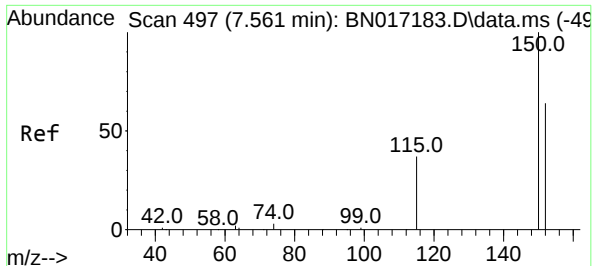
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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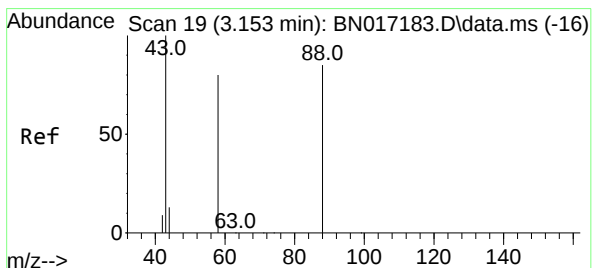
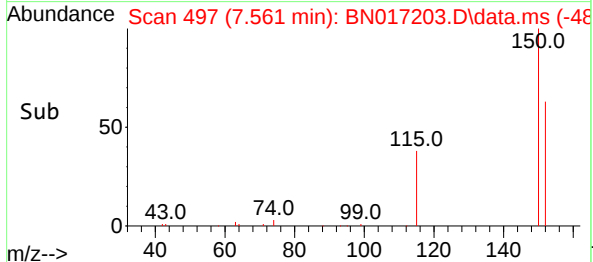
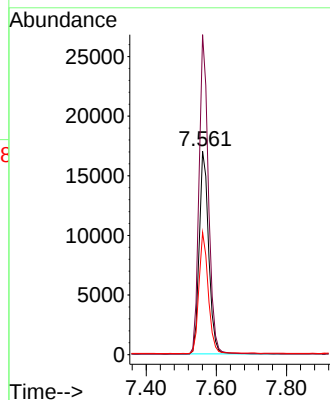
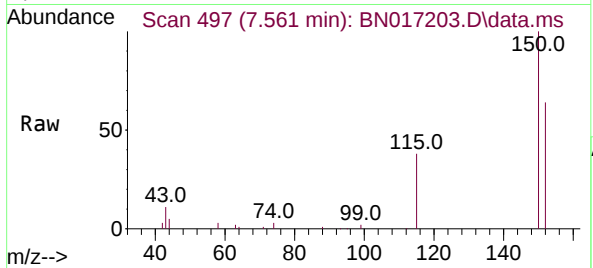




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.561 min Scan# 497
 Delta R.T. -0.000 min
 Lab File: BN017203.D
 Acq: 30 Oct 2021 06:49

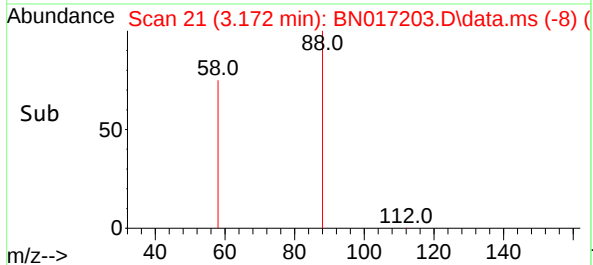
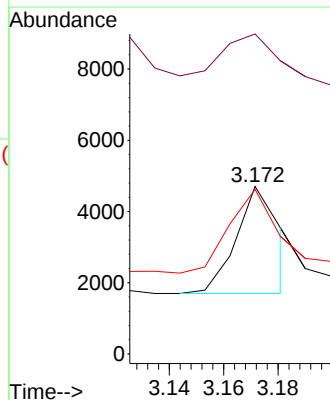
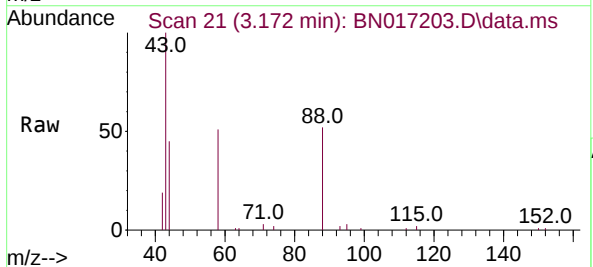
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW9-GW-238-240

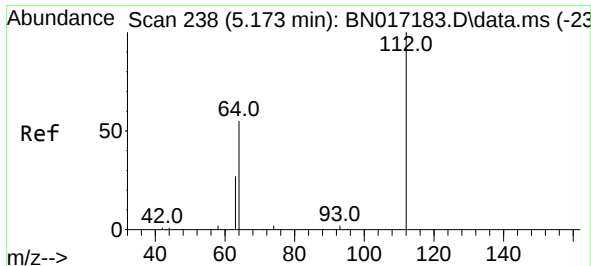
Tgt Ion:152 Resp: 31870
 Ion Ratio Lower Upper
 152 100
 150 157.3 124.6 187.0
 115 60.1 47.0 70.6



#2
 1,4-Dioxane
 Concen: 0.196 ng
 RT: 3.172 min Scan# 21
 Delta R.T. 0.018 min
 Lab File: BN017203.D
 Acq: 30 Oct 2021 06:49

Tgt Ion: 88 Resp: 3323
 Ion Ratio Lower Upper
 88 100
 43 44.3 103.8 155.6#
 58 82.3 70.6 106.0

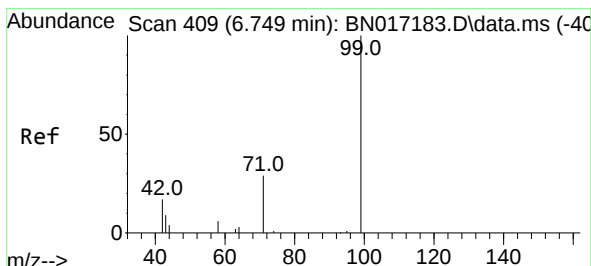
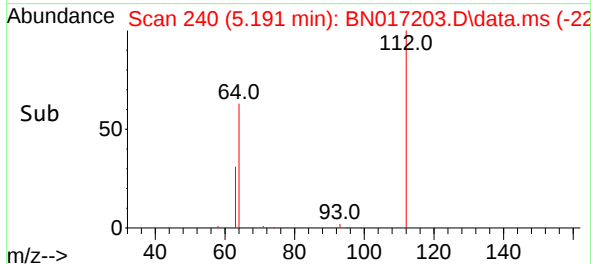
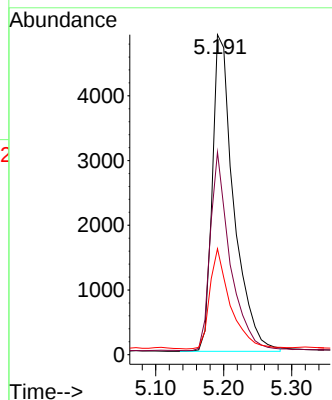
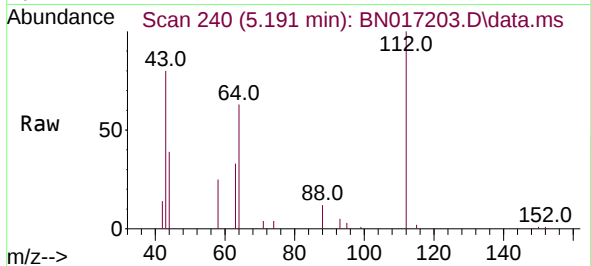




#4
2-Fluorophenol
Concen: 0.150 ng
RT: 5.191 min Scan# 240
Delta R.T. 0.018 min
Lab File: BN017203.D
Acq: 30 Oct 2021 06:49

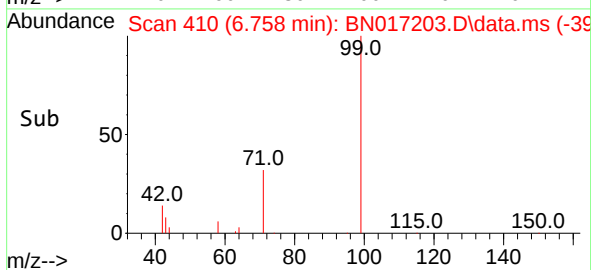
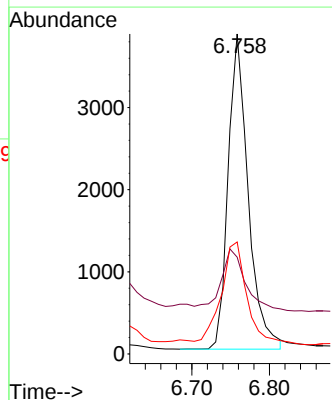
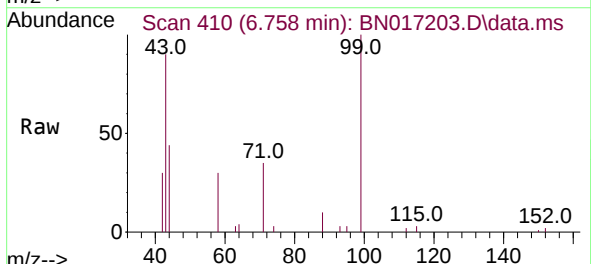
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW9-GW-238-240

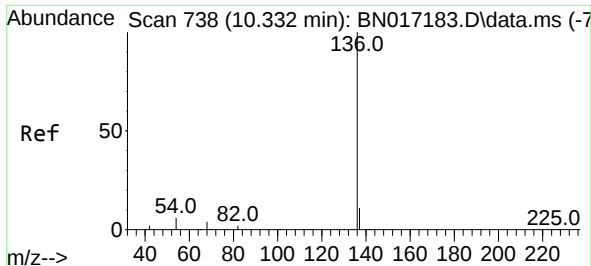
Tgt Ion:112 Resp: 10732
Ion Ratio Lower Upper
112 100
64 58.0 46.6 70.0
63 30.1 23.8 35.6



#5
Phenol-d6
Concen: 0.087 ng
RT: 6.758 min Scan# 410
Delta R.T. 0.009 min
Lab File: BN017203.D
Acq: 30 Oct 2021 06:49

Tgt Ion: 99 Resp: 6862
Ion Ratio Lower Upper
99 100
42 21.7 16.2 24.4
71 38.0 24.6 37.0#

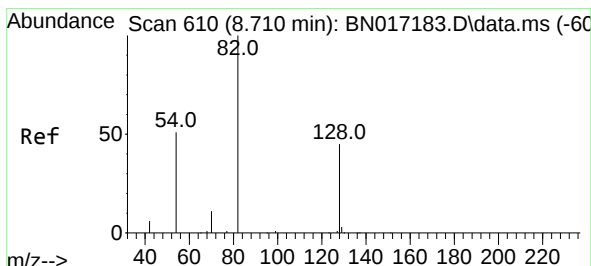
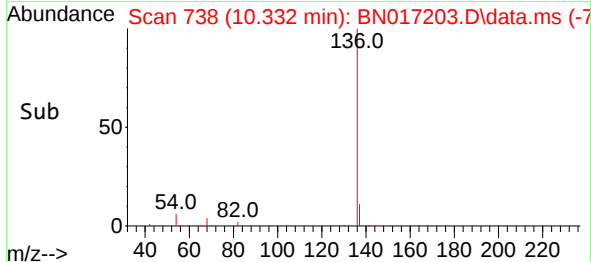
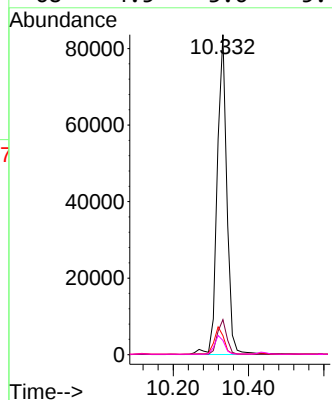
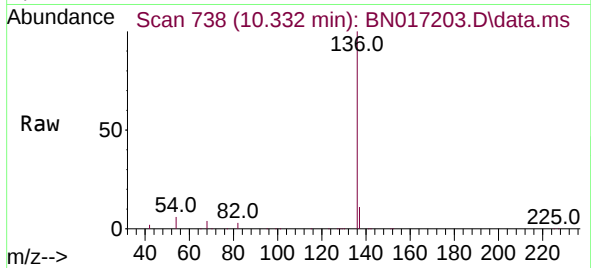




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.332 min Scan# 738
Delta R.T. -0.000 min
Lab File: BN017203.D
Acq: 30 Oct 2021 06:49

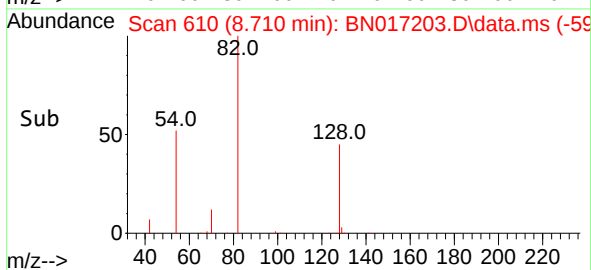
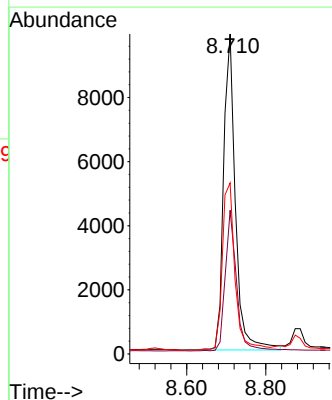
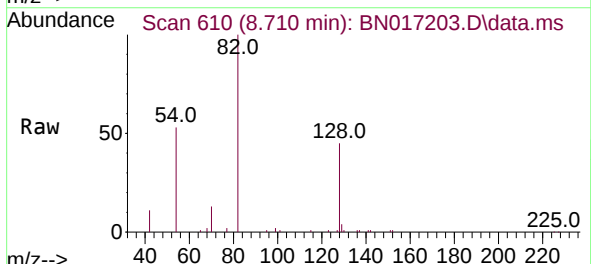
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW9-GW-238-240

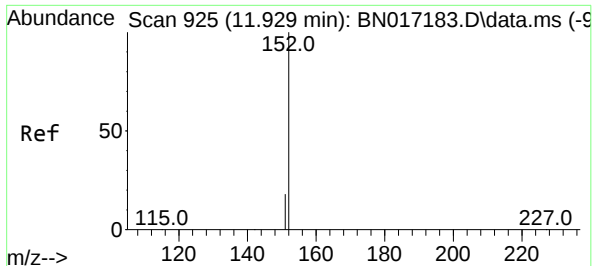
Tgt Ion:136	Resp: 148437
Ion Ratio	Lower Upper
136 100	
137 11.0	8.8 13.2
54 6.0	4.8 7.2
68 4.5	3.6 5.4



#8
Nitrobenzene-d5
Concen: 0.236 ng
RT: 8.710 min Scan# 610
Delta R.T. -0.000 min
Lab File: BN017203.D
Acq: 30 Oct 2021 06:49

Tgt Ion: 82	Resp: 20443
Ion Ratio	Lower Upper
82 100	
128 44.9	36.0 54.0
54 53.4	41.0 61.6

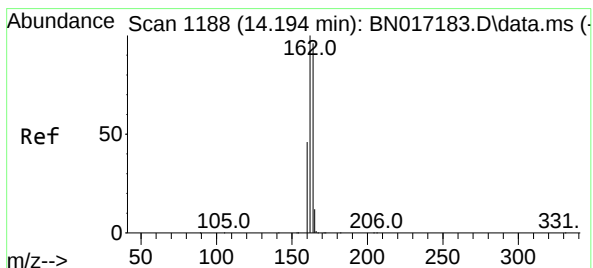
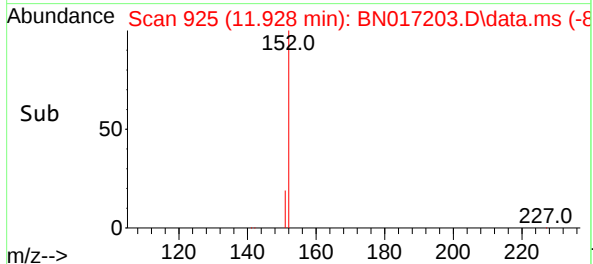
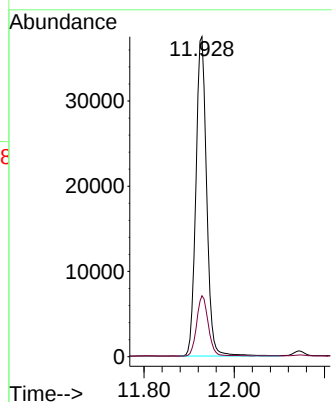
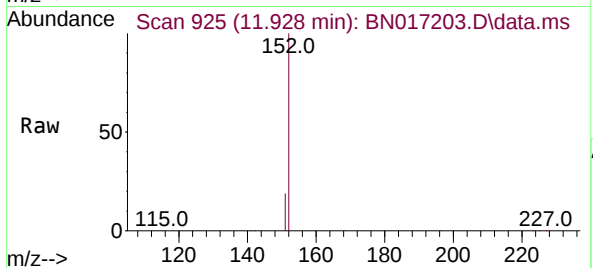




#11
2-Methylnaphthalene-d10
Concen: 0.275 ng
RT: 11.928 min Scan# 925
Delta R.T. -0.000 min
Lab File: BN017203.D
Acq: 30 Oct 2021 06:49

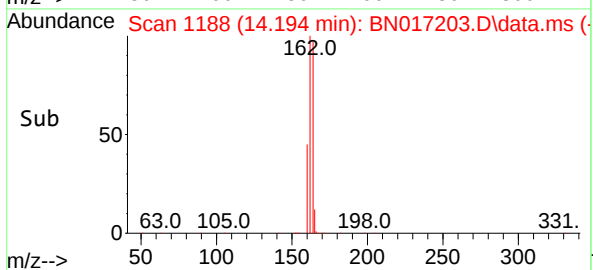
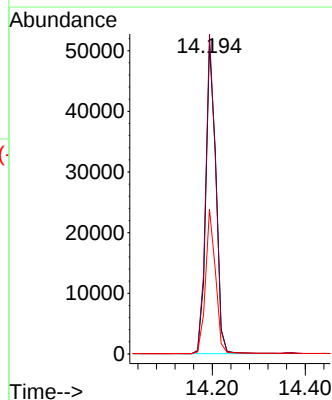
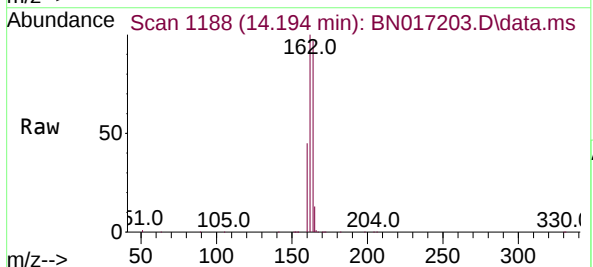
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW9-GW-238-240

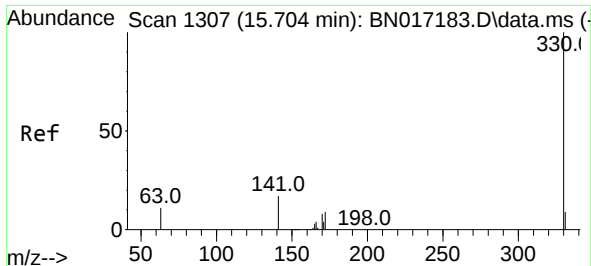
Tgt Ion:152 Resp: 61978
Ion Ratio Lower Upper
152 100
151 20.3 15.9 23.9



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.194 min Scan# 1188
Delta R.T. -0.000 min
Lab File: BN017203.D
Acq: 30 Oct 2021 06:49

Tgt Ion:164 Resp: 77500
Ion Ratio Lower Upper
164 100
162 103.4 83.6 125.4
160 46.8 38.3 57.5

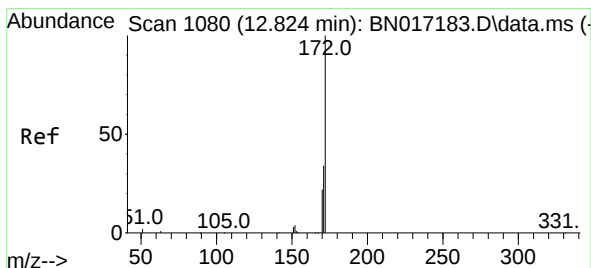
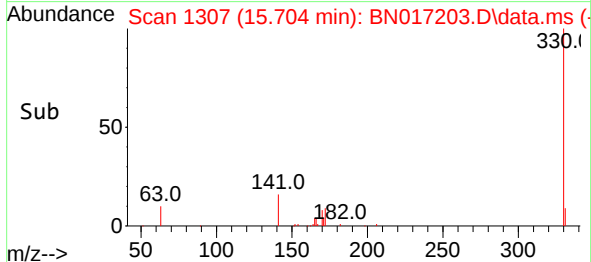
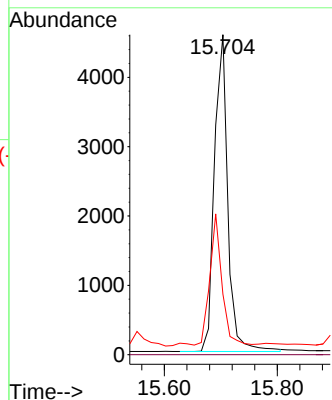
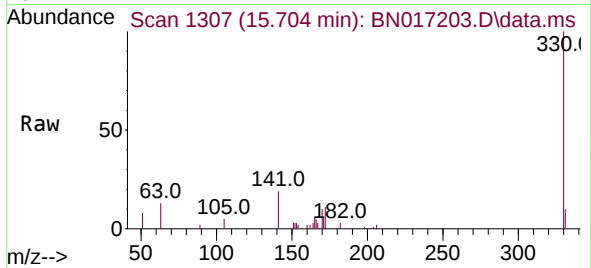




#14
2,4,6-Tribromophenol
Concen: 0.349 ng
RT: 15.704 min Scan# 1307
Delta R.T. -0.000 min
Lab File: BN017203.D
Acq: 30 Oct 2021 06:49

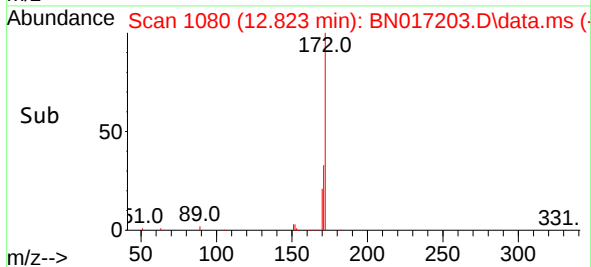
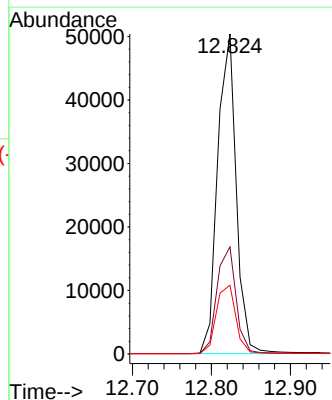
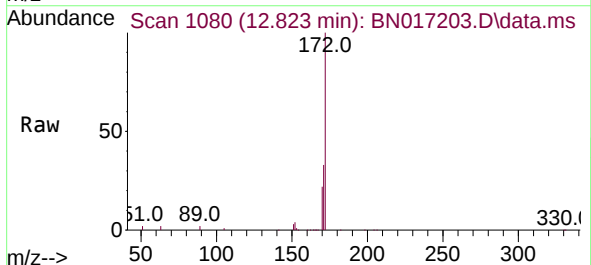
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW9-GW-238-240

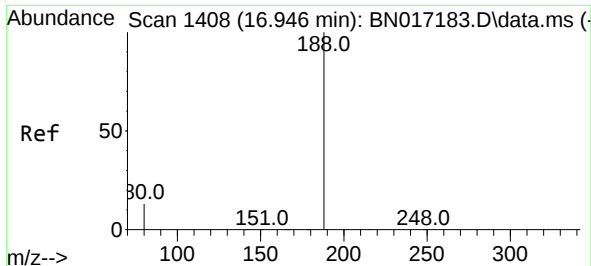
Tgt Ion: 330 Resp: 7515
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 37.2 30.7 46.1



#15
2-Fluorobiphenyl
Concen: 0.285 ng
RT: 12.823 min Scan# 1080
Delta R.T. -0.001 min
Lab File: BN017203.D
Acq: 30 Oct 2021 06:49

Tgt Ion: 172 Resp: 82513
Ion Ratio Lower Upper
172 100
171 33.5 27.0 40.6
170 21.5 17.5 26.3

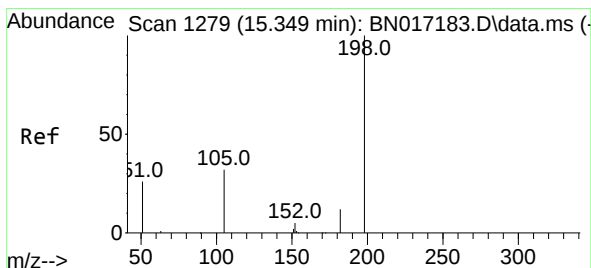
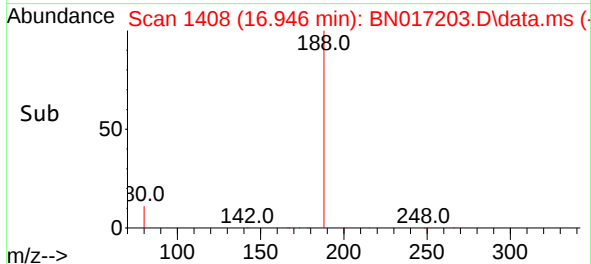
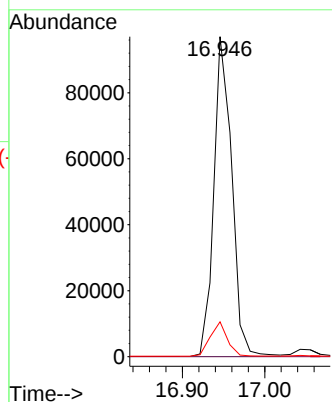
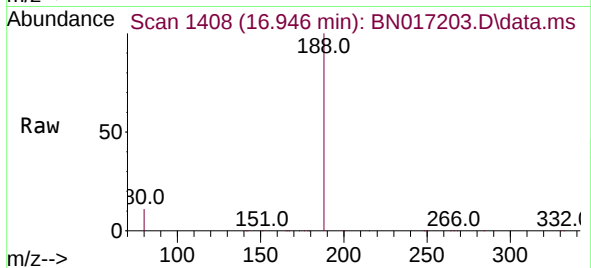




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.946 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BN017203.D
Acq: 30 Oct 2021 06:49

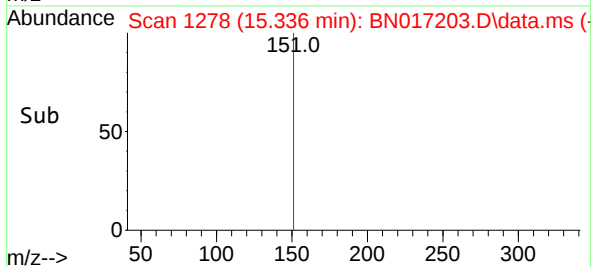
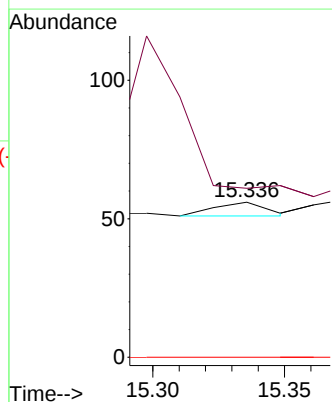
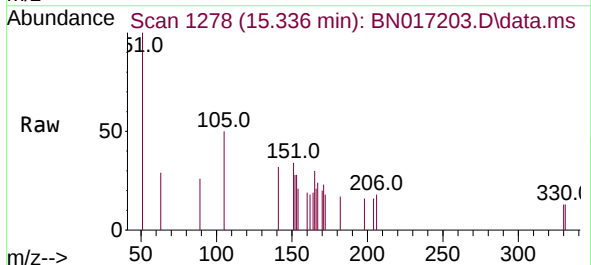
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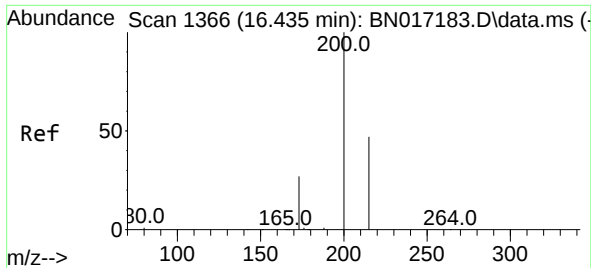
Tgt Ion:188 Resp: 146695
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.9 10.3 15.5



#20
4,6-Dinitro-2-methylphenol
Concen: 0.082 ng
RT: 15.336 min Scan# 1278
Delta R.T. -0.013 min
Lab File: BN017203.D
Acq: 30 Oct 2021 06:49

Tgt Ion:198 Resp: 7
Ion Ratio Lower Upper
198 100
182 108.9 11.4 17.2#
77 0.0 0.0 0.0

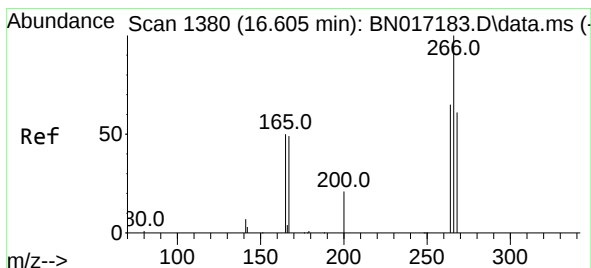
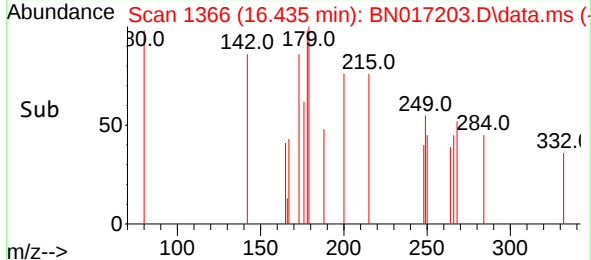
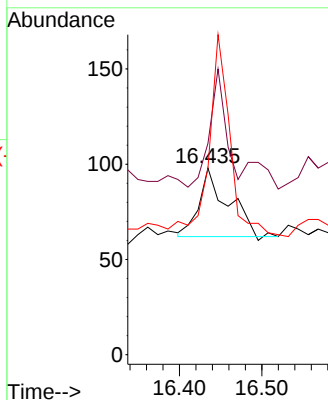
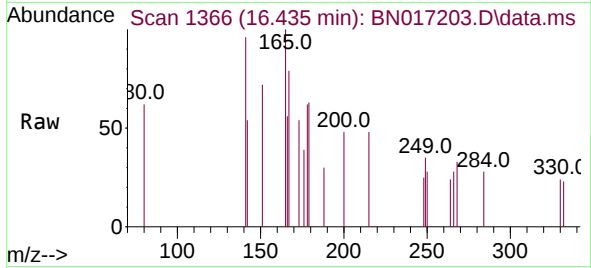




#23
Atrazine
Concen: 0.094 ng
RT: 16.435 min Scan# 1366
Delta R.T. -0.000 min
Lab File: BN017203.D
Acq: 30 Oct 2021 06:49

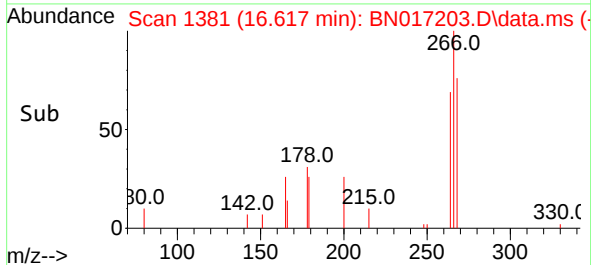
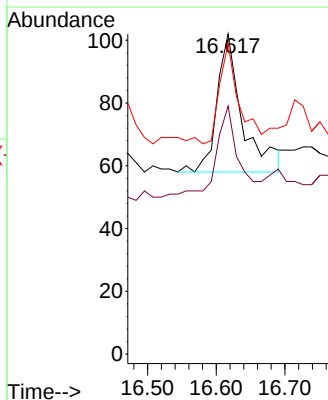
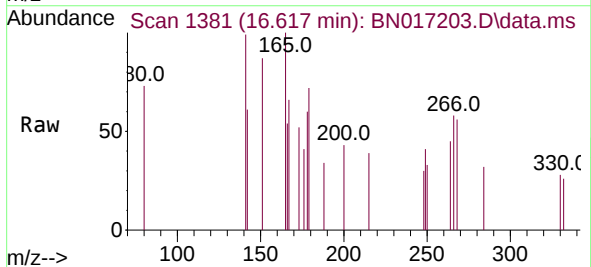
Instrument :
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BP-VPB-RW9-GW-238-240

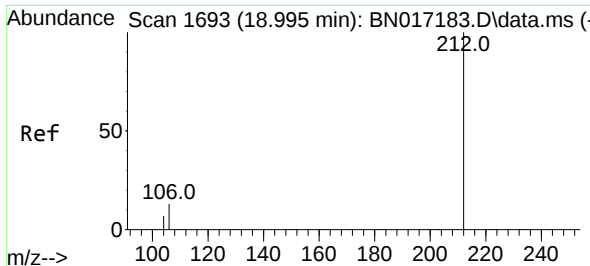
Tgt Ion:200 Resp: 88
Ion Ratio Lower Upper
200 100
173 113.3 21.7 32.5#
215 100.0 37.8 56.6#



#24
Pentachlorophenol
Concen: 0.235 ng
RT: 16.617 min Scan# 1381
Delta R.T. 0.012 min
Lab File: BN017203.D
Acq: 30 Oct 2021 06:49

Tgt Ion:266 Resp: 113
Ion Ratio Lower Upper
266 100
264 49.6 50.3 75.5#
268 54.9 50.7 76.1

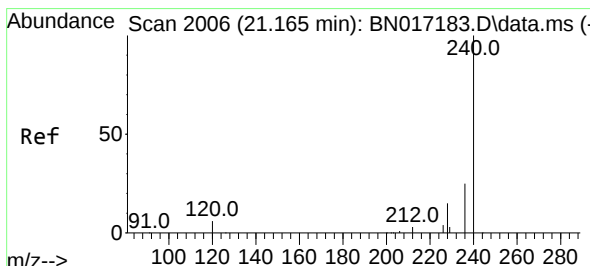
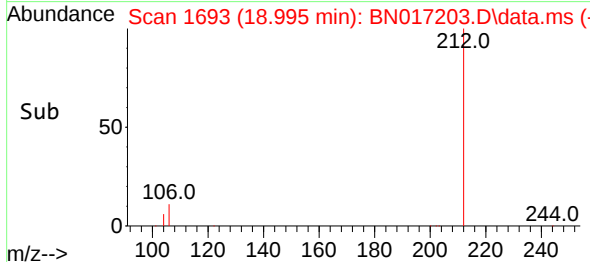
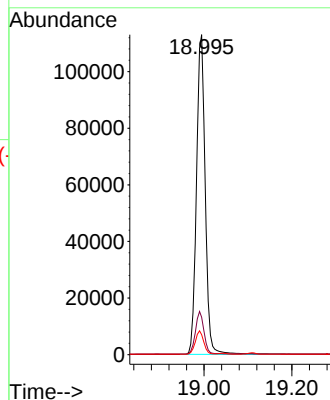
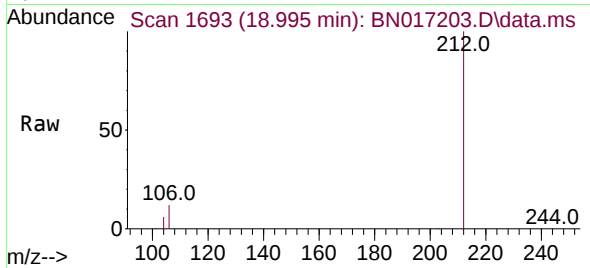




#27
Fluoranthene-d10
Concen: 0.379 ng
RT: 18.995 min Scan# 1693
Delta R.T. -0.000 min
Lab File: BN017203.D
Acq: 30 Oct 2021 06:49

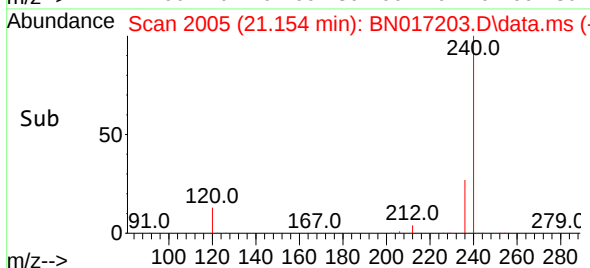
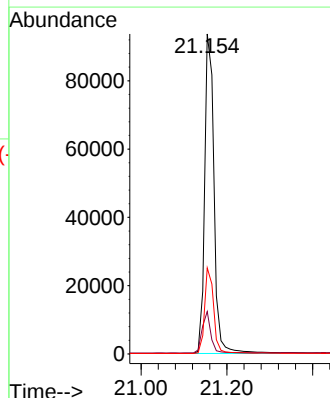
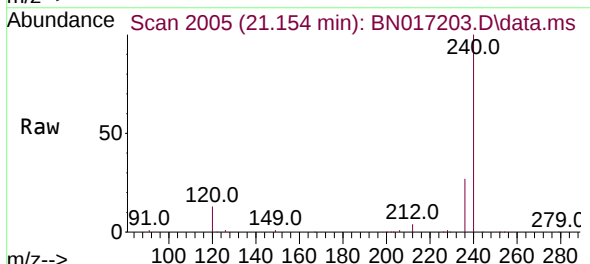
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW9-GW-238-240

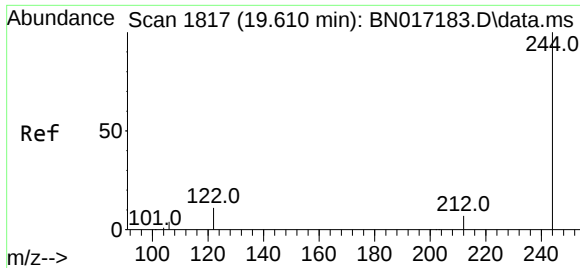
Tgt Ion:212 Resp: 156085
Ion Ratio Lower Upper
212 100
106 12.9 10.6 15.8
104 7.1 5.8 8.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.154 min Scan# 2005
Delta R.T. -0.011 min
Lab File: BN017203.D
Acq: 30 Oct 2021 06:49

Tgt Ion:240 Resp: 142165
Ion Ratio Lower Upper
240 100
120 13.3 5.0 7.4#
236 26.9 20.3 30.5

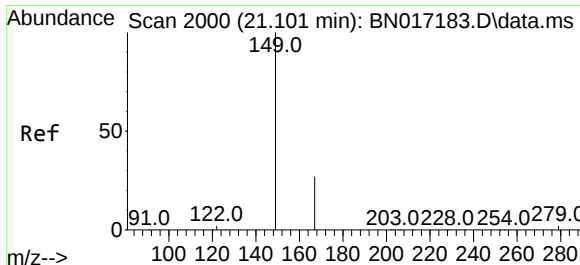
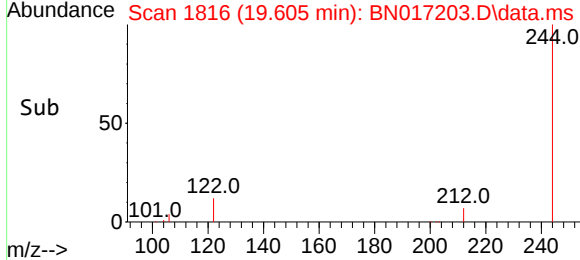
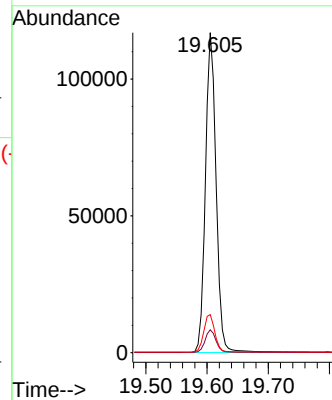
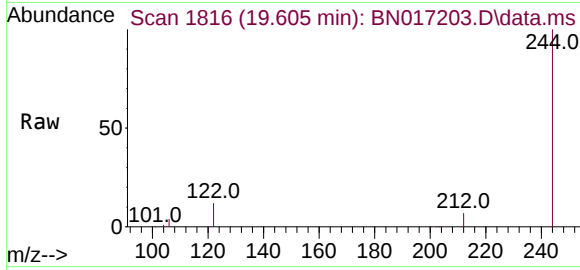




#31
 Terphenyl-d14
 Concen: 0.462 ng
 RT: 19.605 min Scan# 1816
 Delta R.T. -0.005 min
 Lab File: BN017203.D
 Acq: 30 Oct 2021 06:49

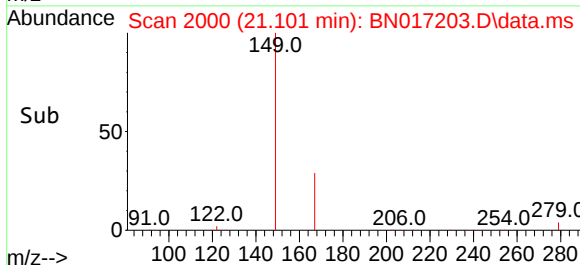
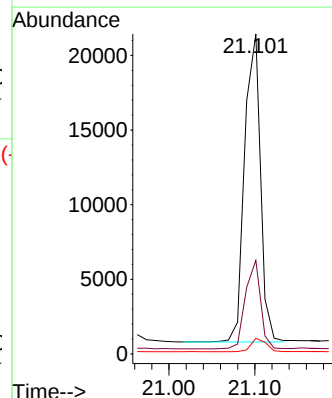
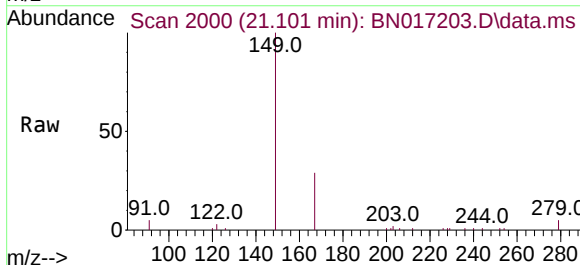
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW9-GW-238-240

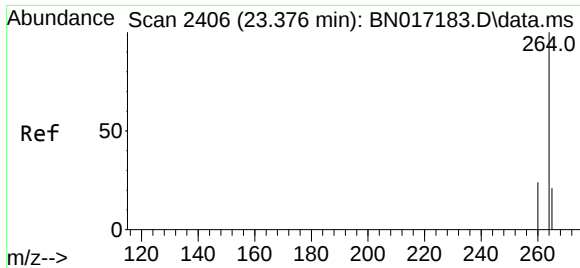
Tgt Ion:244	Resp:	141071
Ion Ratio	Lower	Upper
244	100	
212	7.2	5.8 8.6
122	11.9	9.2 13.8



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.272 ng
 RT: 21.101 min Scan# 2000
 Delta R.T. 0.000 min
 Lab File: BN017203.D
 Acq: 30 Oct 2021 06:49

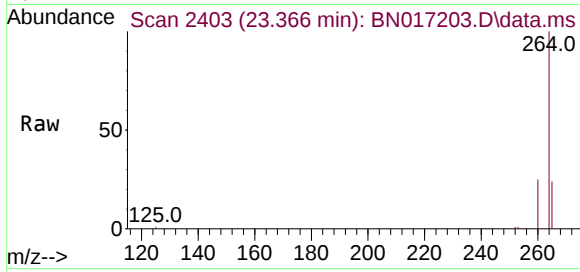
Tgt Ion:149	Resp:	26477
Ion Ratio	Lower	Upper
149	100	
167	27.5	21.6 32.4
279	4.2	3.2 4.8





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.366 min Scan# 2403
 Delta R.T. -0.010 min
 Lab File: BN017203.D
 Acq: 30 Oct 2021 06:49

Instrument :
 BNA_N
ClientSampleId :
 BP-VPB-RW9-GW-238-240



Tgt Ion:264 Resp: 140071

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.0
265	23.5	18.2	27.4

