

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112321\
 Data File : BN017558.D
 Acq On : 22 Nov 2021 23:10
 Operator : CG/JU
 Sample : M4800-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW9-GW-818-820

Quant Time: Nov 23 02:41:22 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN111921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 19 14:57:14 2021
 Response via : Initial Calibration

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

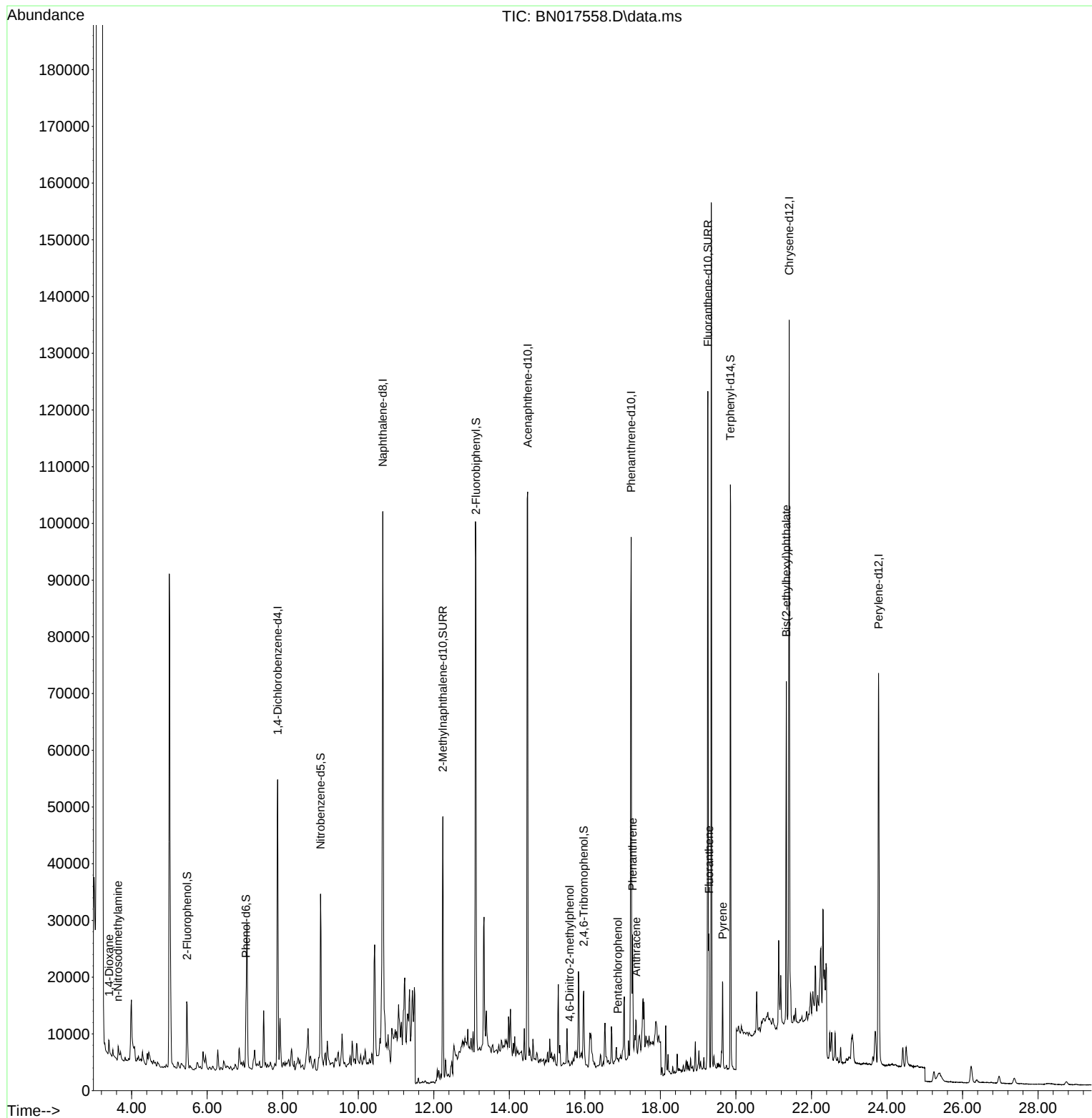
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.865	152	26953	0.400	ng	0.00
7) Naphthalene-d8	10.649	136	126923	0.400	ng	#-0.01
13) Acenaphthene-d10	14.486	164	67742	0.400	ng	0.00
19) Phenanthrene-d10	17.226	188	131081	0.400	ng	0.00
29) Chrysene-d12	21.409	240	111422	0.400	ng	# 0.00
35) Perylene-d12	23.777	264	94389	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.468	112	12316	0.184	ng	0.02
5) Phenol-d6	7.026	99	10290	0.137	ng	0.00
8) Nitrobenzene-d5	9.001	82	27180	0.325	ng	-0.01
11) 2-Methylnaphthalene-d10	12.240	152	61399	0.290	ng	0.00
14) 2,4,6-Tribromophenol	15.970	330	9486	0.456	ng	0.00
15) 2-Fluorobiphenyl	13.115	172	86729	0.344	ng	0.00
27) Fluoranthene-d10	19.258	212	133586	0.331	ng	0.00
31) Terphenyl-d14	19.854	244	100309	0.410	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.402	88	922	0.071	ng	# 49
3) n-Nitrosodimethylamine	3.642	42	1213	0.046	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.602	198	21	0.108	ng	# 1
24) Pentachlorophenol	16.873	266	201	0.206	ng	# 83
25) Phenanthrene	17.262	178	20642	0.056	ng	96
26) Anthracene	17.360	178	6409	0.020	ng	# 85
28) Fluoranthene	19.288	202	19612	0.048	ng	# 87
30) Pyrene	19.650	202	13886	0.037	ng	96
34) Bis(2-ethylhexyl)phtha...	21.335	149	52967	0.384	ng	99

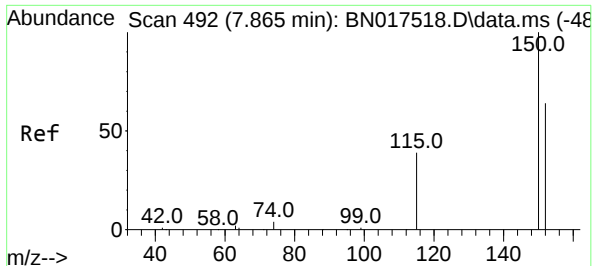
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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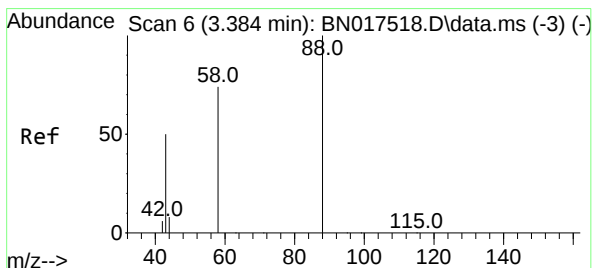
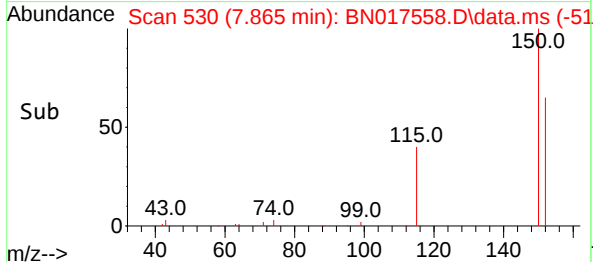
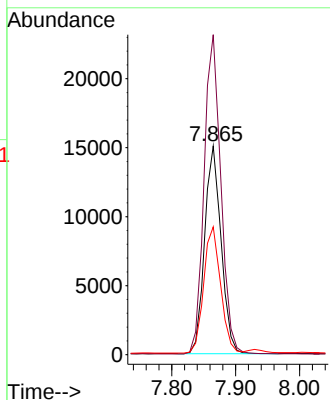
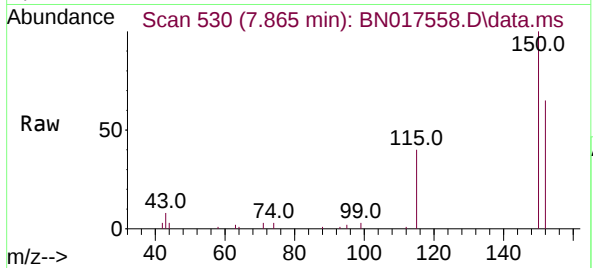




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.865 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: BN017558.D
 Acq: 22 Nov 2021 23:10

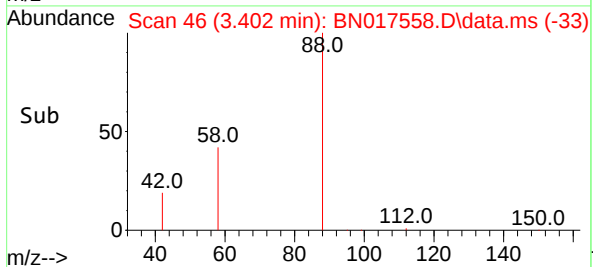
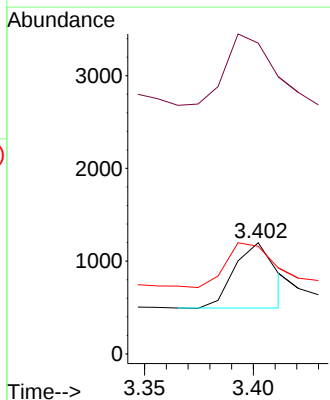
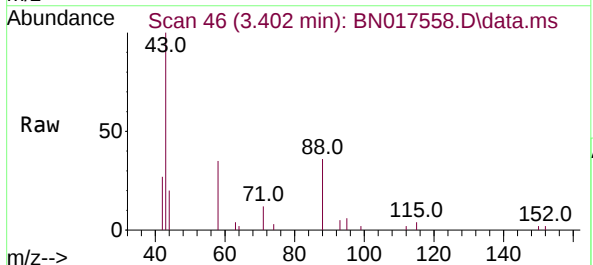
Instrument :
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 ClientSampleId :
 BP-VPB-RW9-GW-818-820

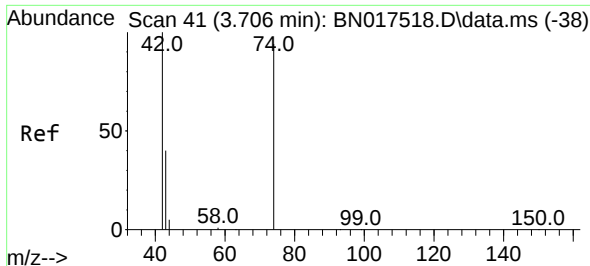
Tgt Ion:152 Resp: 26953
 Ion Ratio Lower Upper
 152 100
 150 153.4 123.0 184.4
 115 61.3 45.6 68.4



#2
 1,4-Dioxane
 Concen: 0.071 ng
 RT: 3.402 min Scan# 46
 Delta R.T. 0.018 min
 Lab File: BN017558.D
 Acq: 22 Nov 2021 23:10

Tgt Ion: 88 Resp: 922
 Ion Ratio Lower Upper
 88 100
 43 117.7 24.7 37.1#
 58 71.1 63.0 94.6

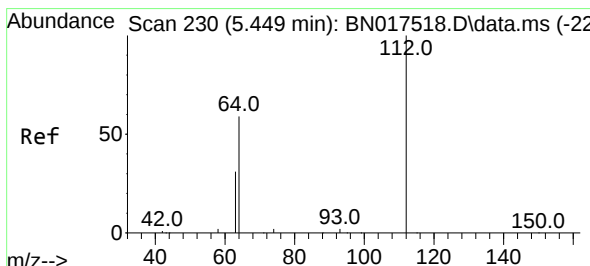
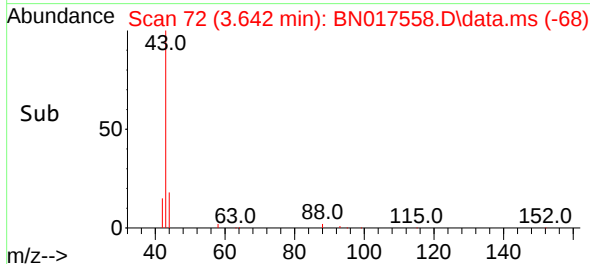
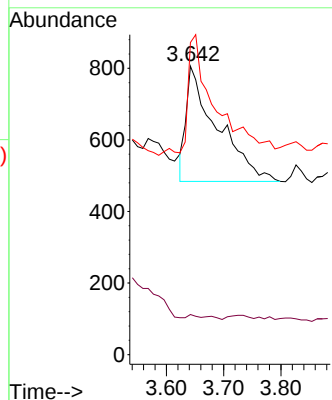
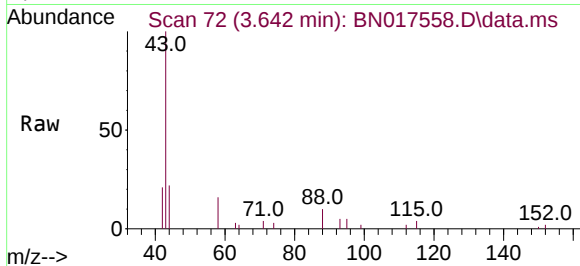




#3
n-Nitrosodimethylamine
Concen: 0.046 ng
RT: 3.642 min Scan# 71
Delta R.T. -0.064 min
Lab File: BN017558.D
Acq: 22 Nov 2021 23:10

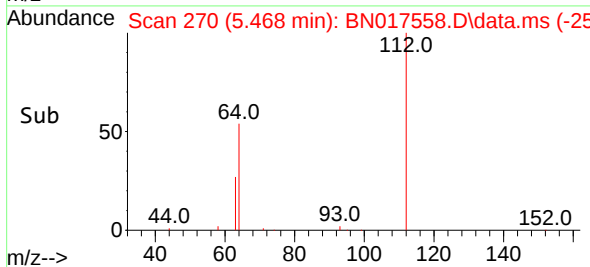
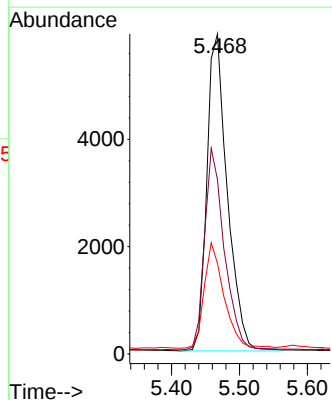
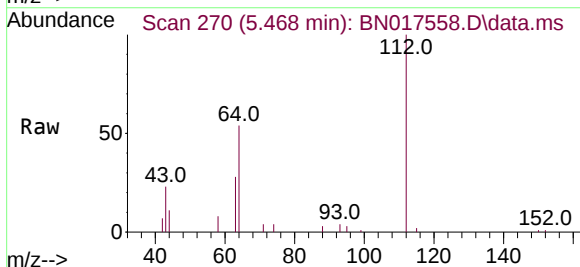
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW9-GW-818-820

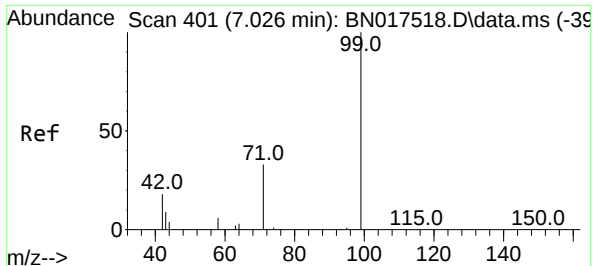
Tgt Ion: 42 Resp: 1213
Ion Ratio Lower Upper
42 100
74 0.7 97.8 146.6#
44 86.6 5.5 8.3#



#4
2-Fluorophenol
Concen: 0.184 ng
RT: 5.468 min Scan# 270
Delta R.T. 0.019 min
Lab File: BN017558.D
Acq: 22 Nov 2021 23:10

Tgt Ion: 112 Resp: 12316
Ion Ratio Lower Upper
112 100
64 61.5 47.6 71.4
63 32.4 24.6 37.0

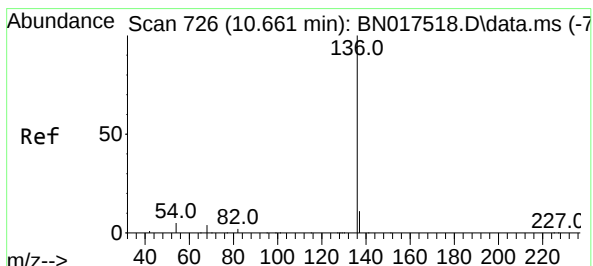
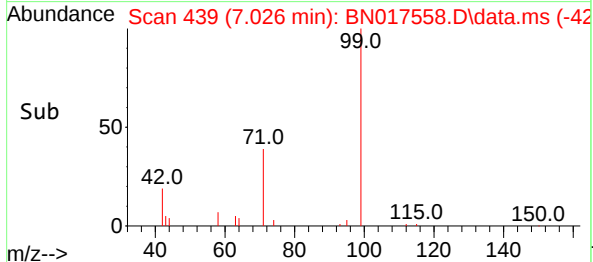
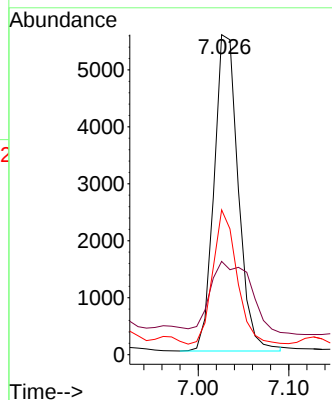
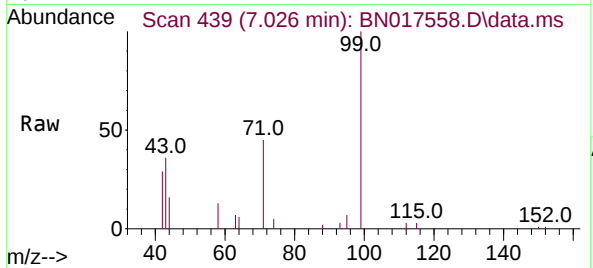




#5
Phenol-d6
Concen: 0.137 ng
RT: 7.026 min Scan# 41
Delta R.T. -0.000 min
Lab File: BN017558.D
Acq: 22 Nov 2021 23:10

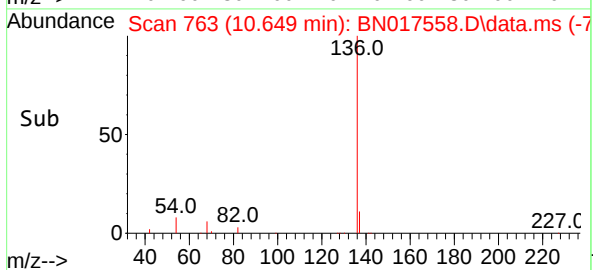
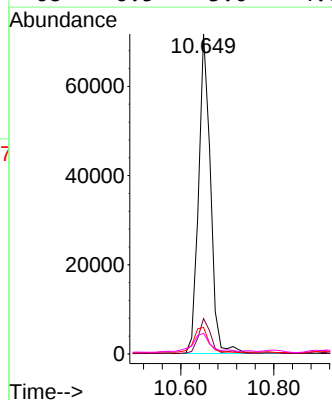
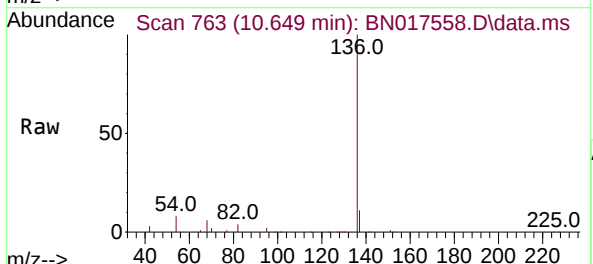
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW9-GW-818-820

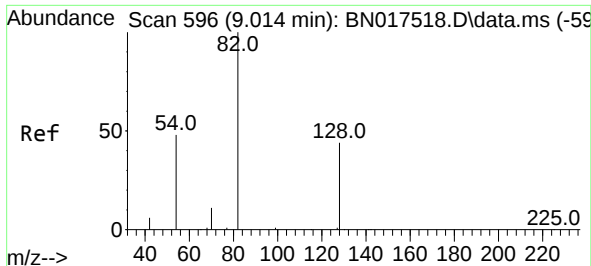
Tgt Ion: 99 Resp: 10290
Ion Ratio Lower Upper
99 100
42 37.0 17.0 25.6#
71 42.2 24.8 37.2#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.649 min Scan# 763
Delta R.T. -0.012 min
Lab File: BN017558.D
Acq: 22 Nov 2021 23:10

Tgt Ion: 136 Resp: 126923
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.3 4.0 6.0#
68 6.5 3.0 4.6#

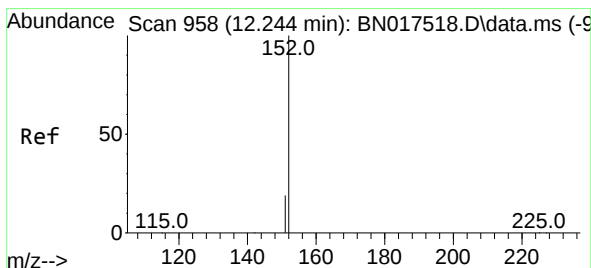
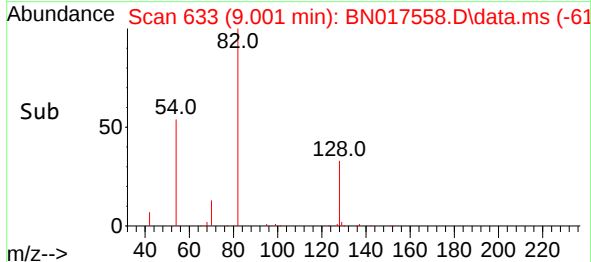
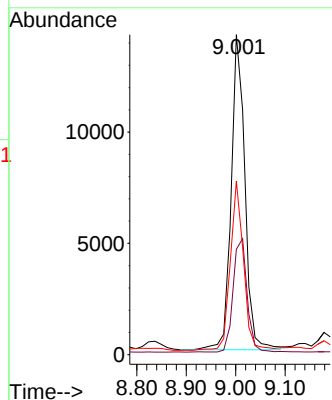
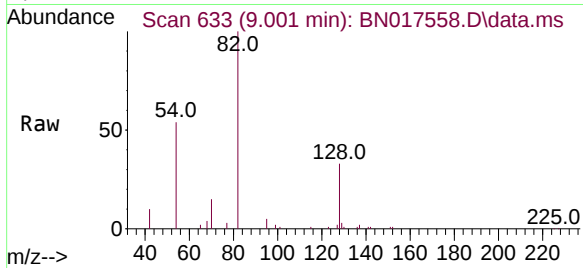




#8
Nitrobenzene-d5
Concen: 0.325 ng
RT: 9.001 min Scan# 61
Delta R.T. -0.013 min
Lab File: BN017558.D
Acq: 22 Nov 2021 23:10

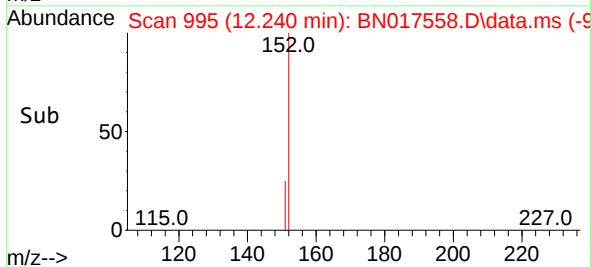
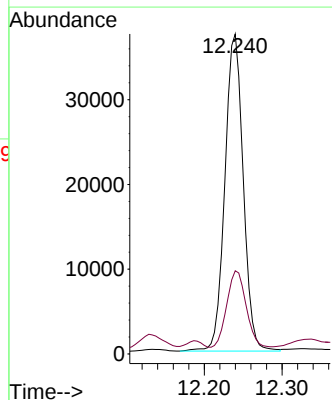
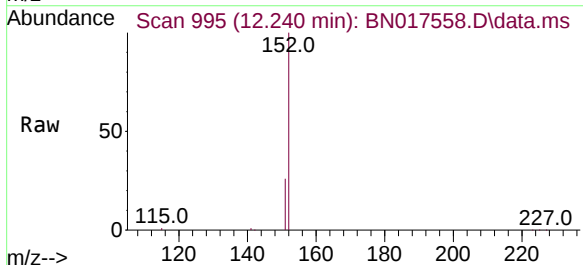
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW9-GW-818-820

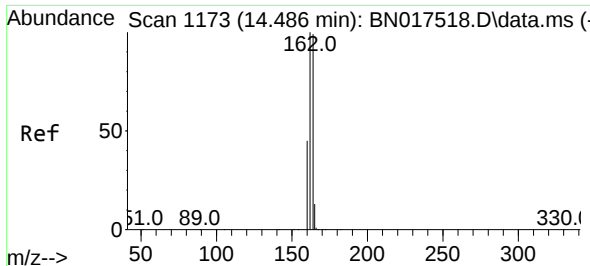
Tgt Ion: 82 Resp: 27180
Ion Ratio Lower Upper
82 100
128 33.0 27.7 41.5
54 54.3 49.2 73.8



#11
2-Methylnaphthalene-d10
Concen: 0.290 ng
RT: 12.240 min Scan# 995
Delta R.T. -0.004 min
Lab File: BN017558.D
Acq: 22 Nov 2021 23:10

Tgt Ion: 152 Resp: 61399
Ion Ratio Lower Upper
152 100
151 25.2 16.2 24.4#

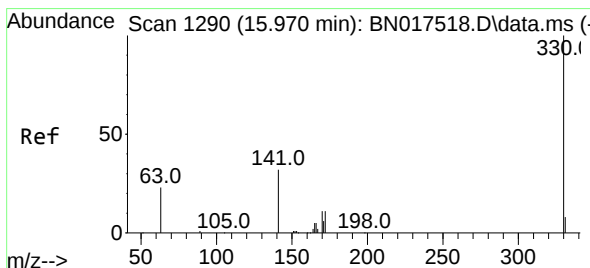
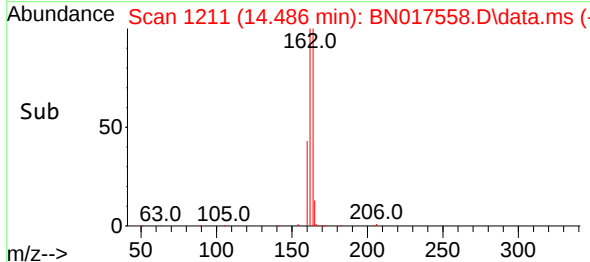
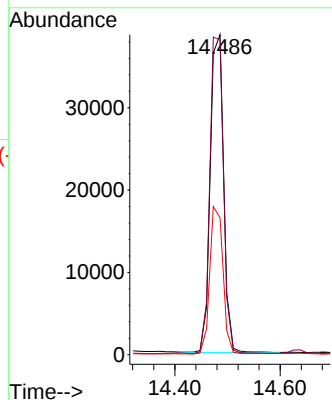
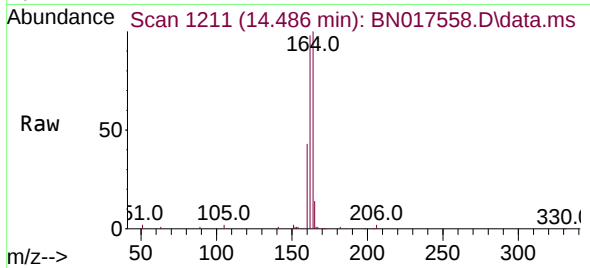




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.486 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BN017558.D
Acq: 22 Nov 2021 23:10

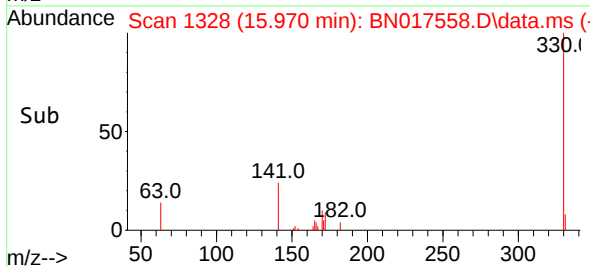
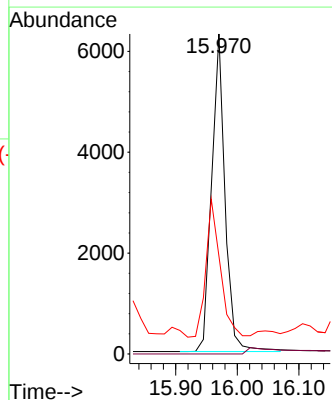
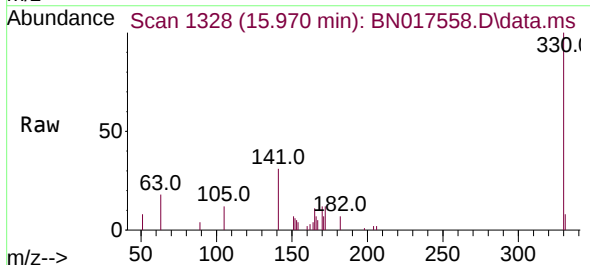
Instrument :
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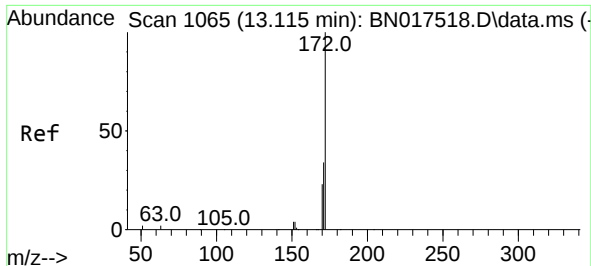
Tgt Ion:164 Resp: 67742
Ion Ratio Lower Upper
164 100
162 98.4 81.4 122.2
160 42.8 36.8 55.2



#14
2,4,6-Tribromophenol
Concen: 0.456 ng
RT: 15.970 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BN017558.D
Acq: 22 Nov 2021 23:10

Tgt Ion:330 Resp: 9486
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 46.9 28.9 43.3#

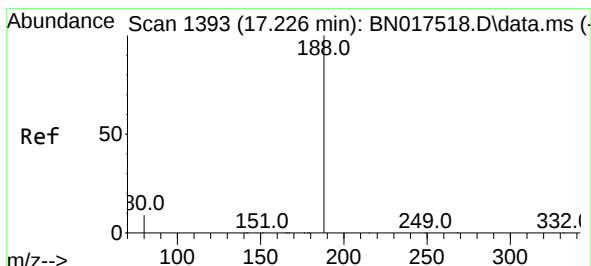
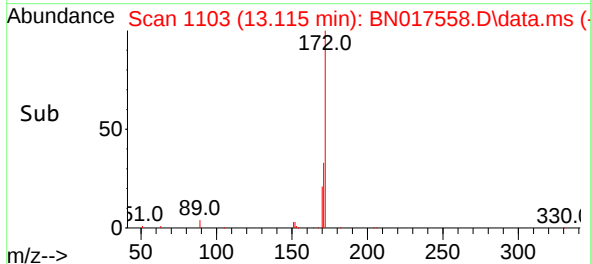
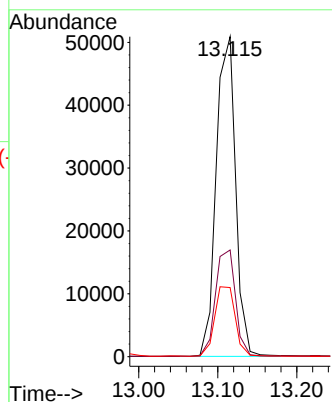
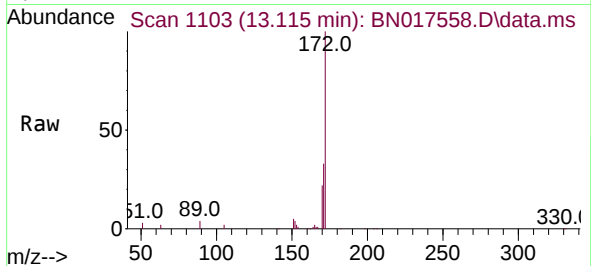




#15
2-Fluorobiphenyl
Concen: 0.344 ng
RT: 13.115 min Scan# 1103
Delta R.T. 0.000 min
Lab File: BN017558.D
Acq: 22 Nov 2021 23:10

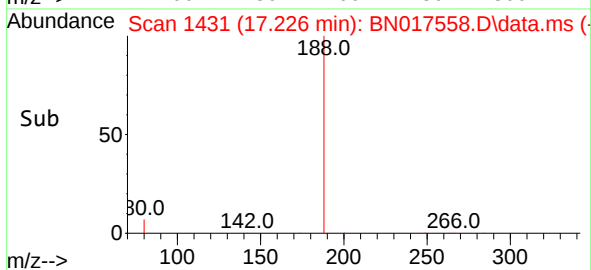
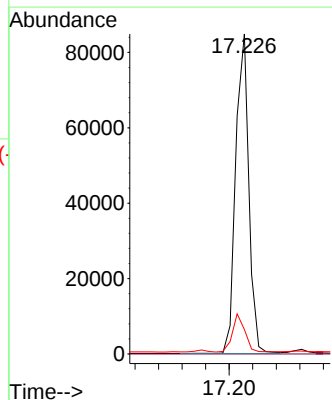
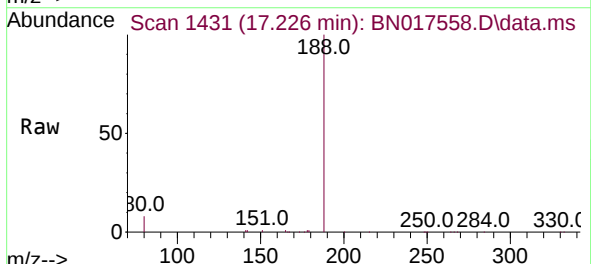
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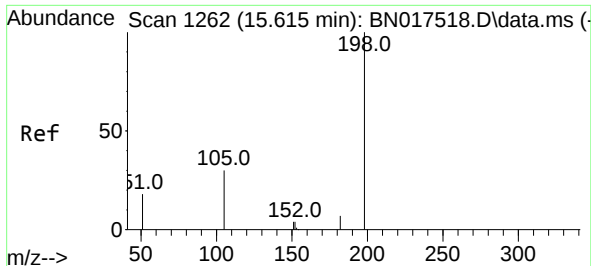
Tgt Ion:172 Resp: 86729
Ion Ratio Lower Upper
172 100
171 33.3 28.7 43.1
170 21.6 19.4 29.2



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.226 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BN017558.D
Acq: 22 Nov 2021 23:10

Tgt Ion:188 Resp: 131081
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.6 6.1 9.1

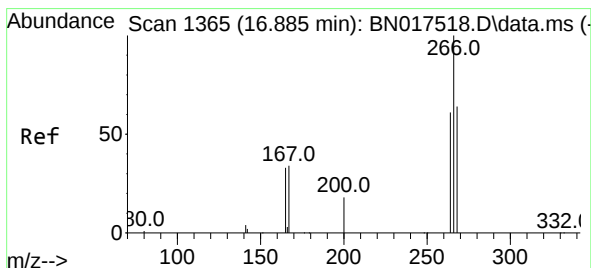
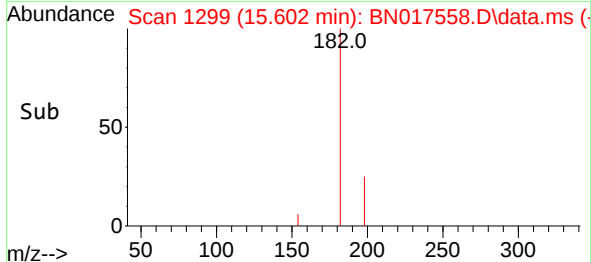
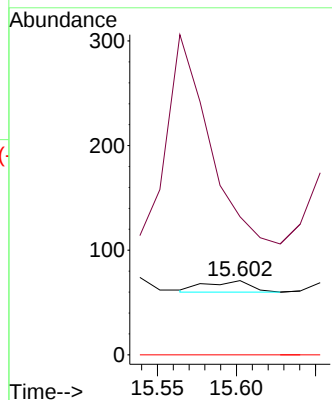
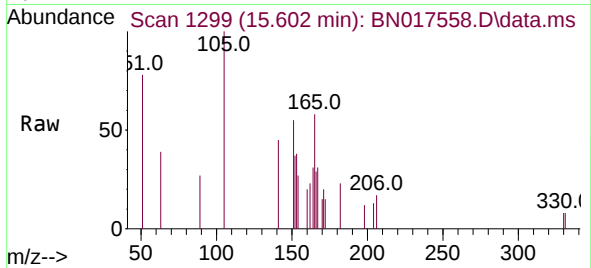




#20
4,6-Dinitro-2-methylphenol
Concen: 0.108 ng
RT: 15.602 min Scan# 11
Delta R.T. -0.013 min
Lab File: BN017558.D
Acq: 22 Nov 2021 23:10

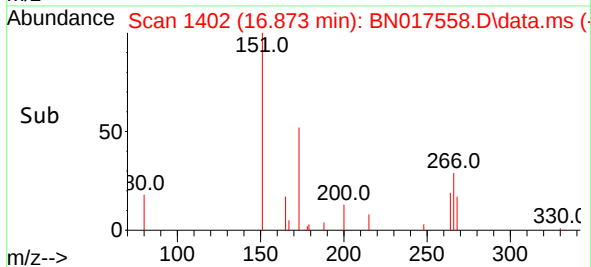
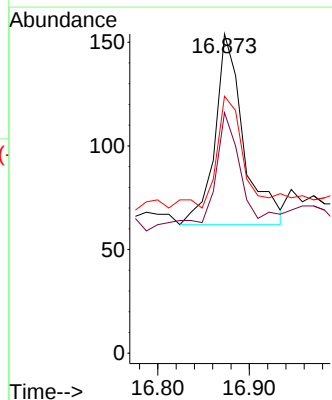
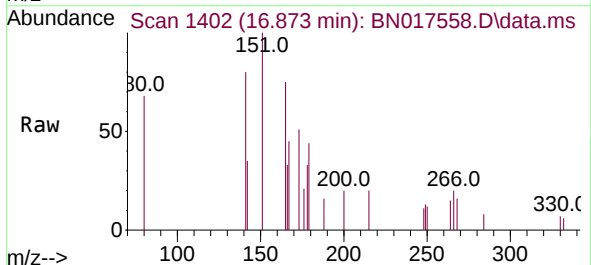
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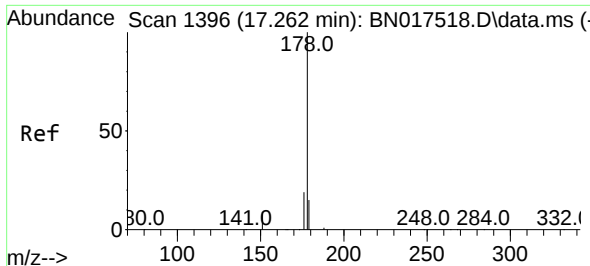
Tgt Ion:198 Resp: 21
Ion Ratio Lower Upper
198 100
182 185.9 11.4 17.2#
77 0.0 0.0 0.0



#24
Pentachlorophenol
Concen: 0.206 ng
RT: 16.873 min Scan# 1402
Delta R.T. -0.012 min
Lab File: BN017558.D
Acq: 22 Nov 2021 23:10

Tgt Ion:266 Resp: 201
Ion Ratio Lower Upper
266 100
264 46.8 49.8 74.8#
268 53.7 51.3 76.9

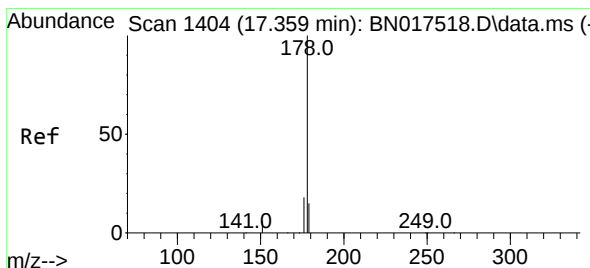
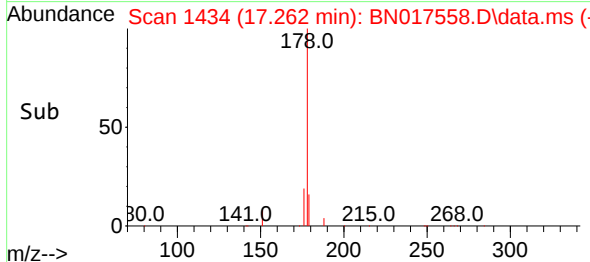
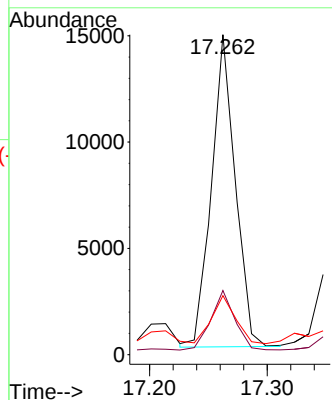
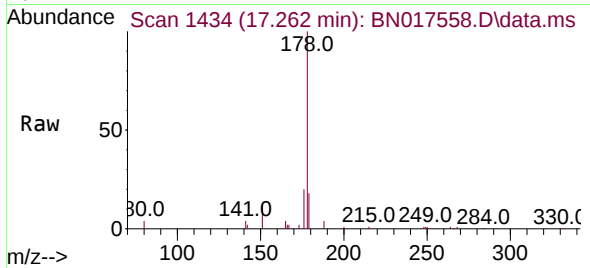




#25
Phenanthrene
Concen: 0.056 ng
RT: 17.262 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BN017558.D
Acq: 22 Nov 2021 23:10

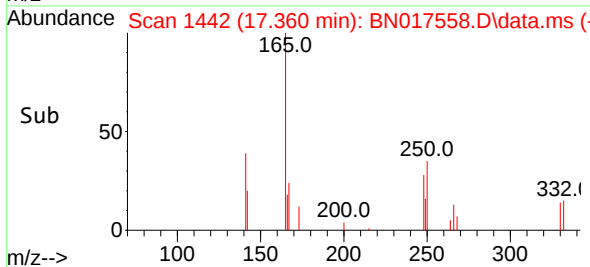
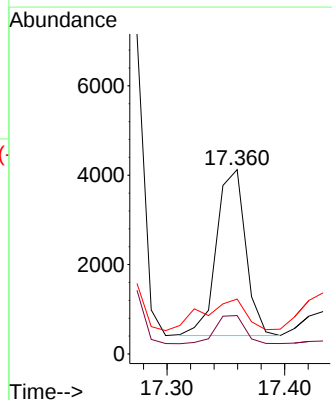
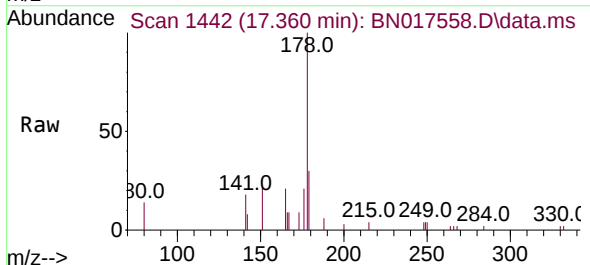
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW9-GW-818-820

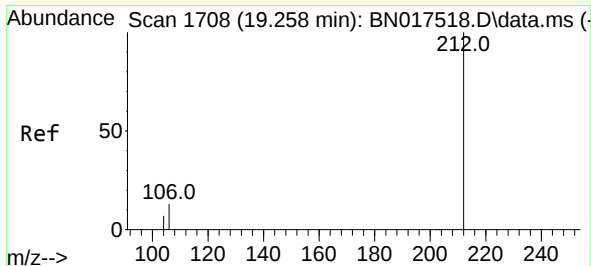
Tgt Ion:178 Resp: 20642
Ion Ratio Lower Upper
178 100
176 21.7 15.0 22.6
179 15.2 12.3 18.5



#26
Anthracene
Concen: 0.020 ng
RT: 17.360 min Scan# 1442
Delta R.T. 0.001 min
Lab File: BN017558.D
Acq: 22 Nov 2021 23:10

Tgt Ion:178 Resp: 6409
Ion Ratio Lower Upper
178 100
176 17.2 14.6 22.0
179 28.1 12.2 18.4#

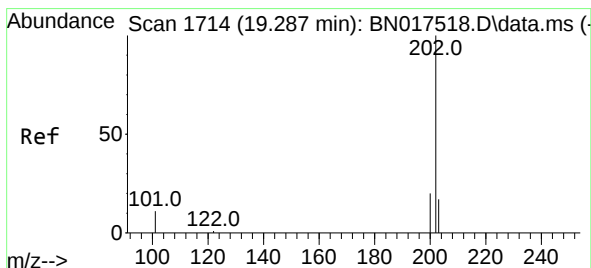
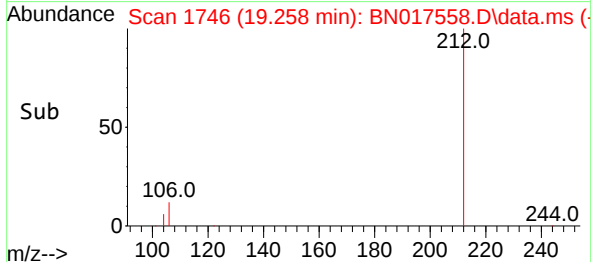
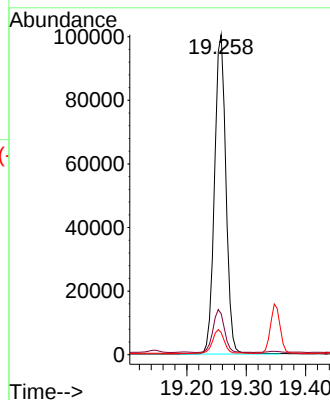
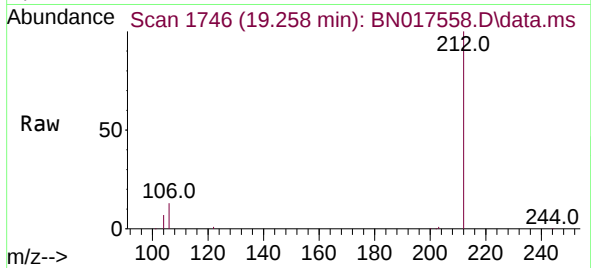




#27
Fluoranthene-d10
Concen: 0.331 ng
RT: 19.258 min Scan# 1708
Delta R.T. -0.000 min
Lab File: BN017558.D
Acq: 22 Nov 2021 23:10

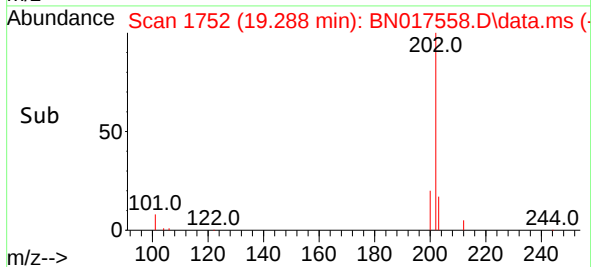
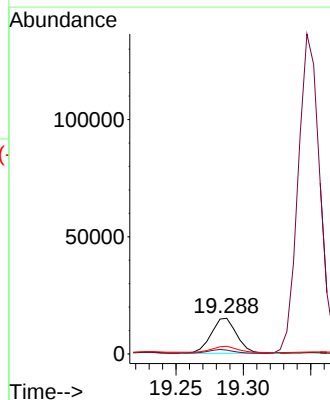
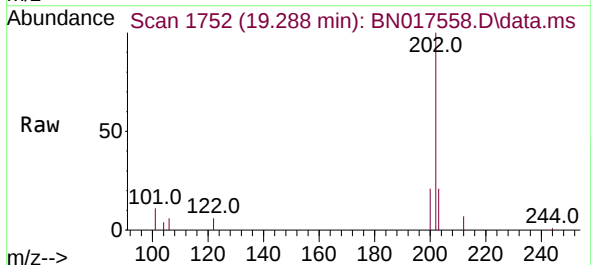
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW9-GW-818-820

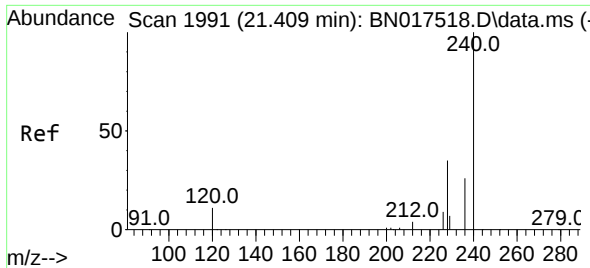
Tgt Ion:212 Resp: 133586
Ion Ratio Lower Upper
212 100
106 13.4 10.5 15.7
104 7.7 5.8 8.6



#28
Fluoranthene
Concen: 0.048 ng
RT: 19.288 min Scan# 1752
Delta R.T. 0.001 min
Lab File: BN017558.D
Acq: 22 Nov 2021 23:10

Tgt Ion:202 Resp: 19612
Ion Ratio Lower Upper
202 100
101 0.0 8.9 13.3#
203 18.1 13.8 20.6

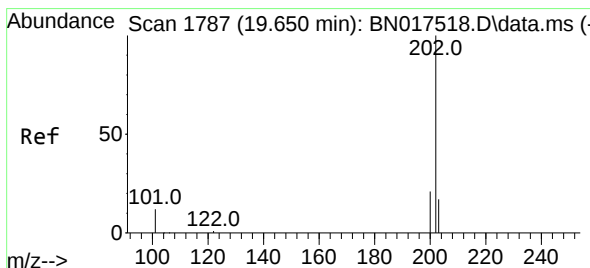
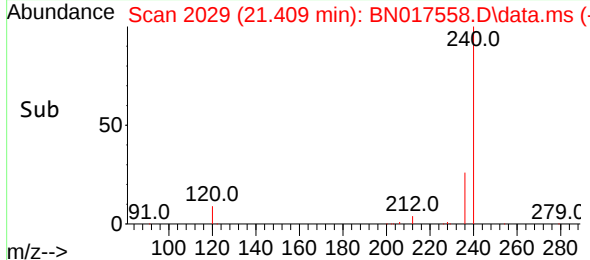
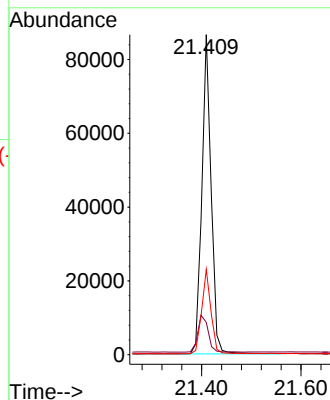
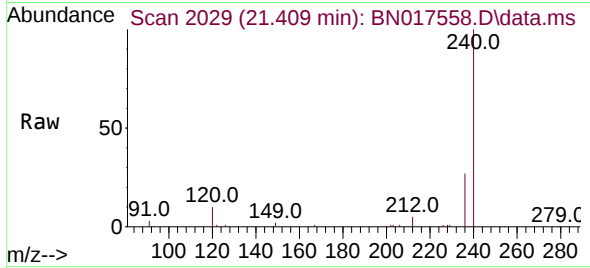




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.409 min Scan# 20
Delta R.T. 0.000 min
Lab File: BN017558.D
Acq: 22 Nov 2021 23:10

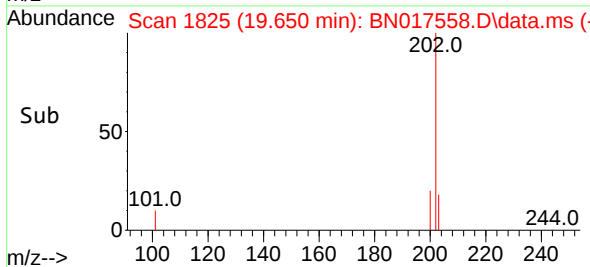
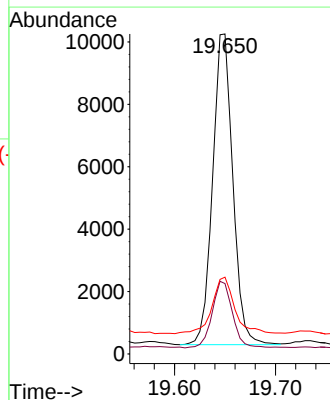
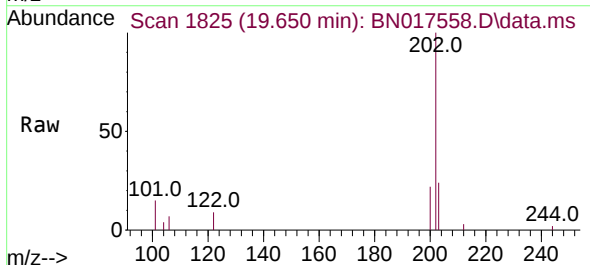
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW9-GW-818-820

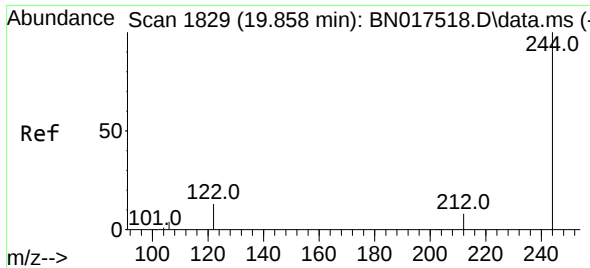
Tgt Ion:240 Resp: 111422
Ion Ratio Lower Upper
240 100
120 10.1 4.2 6.2#
236 26.7 20.0 30.0



#30
Pyrene
Concen: 0.037 ng
RT: 19.650 min Scan# 1825
Delta R.T. 0.000 min
Lab File: BN017558.D
Acq: 22 Nov 2021 23:10

Tgt Ion:202 Resp: 13886
Ion Ratio Lower Upper
202 100
200 21.5 16.5 24.7
203 20.4 14.0 21.0

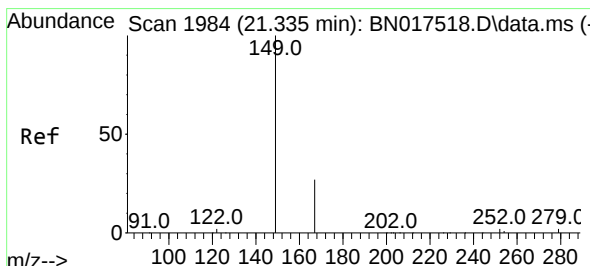
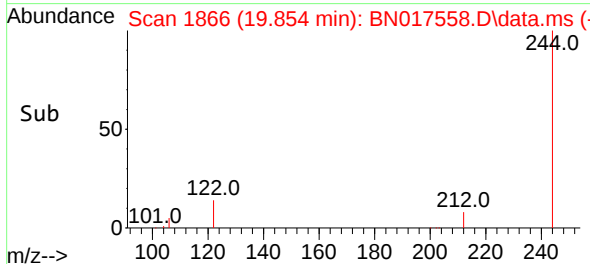
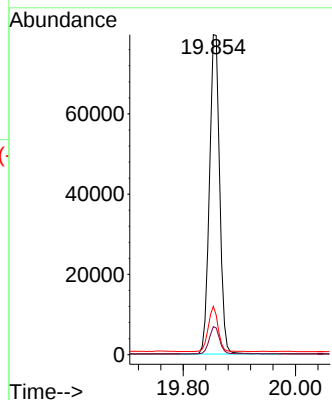
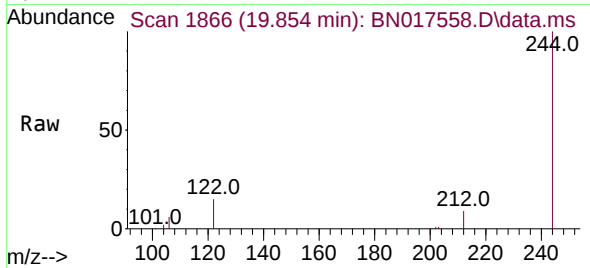




#31
 Terphenyl-d14
 Concen: 0.410 ng
 RT: 19.854 min Scan# 11
 Delta R.T. -0.004 min
 Lab File: BN017558.D
 Acq: 22 Nov 2021 23:10

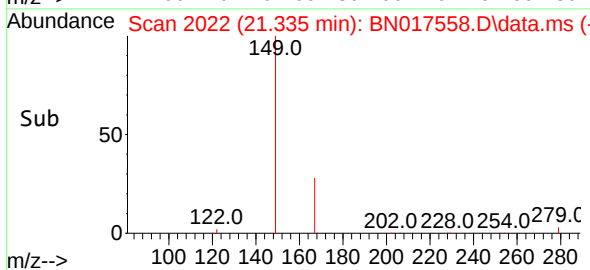
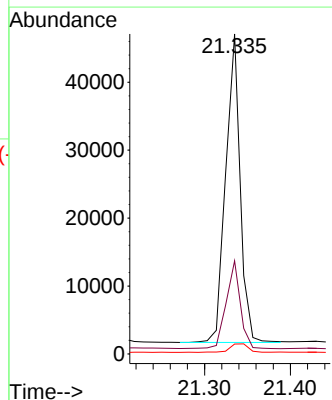
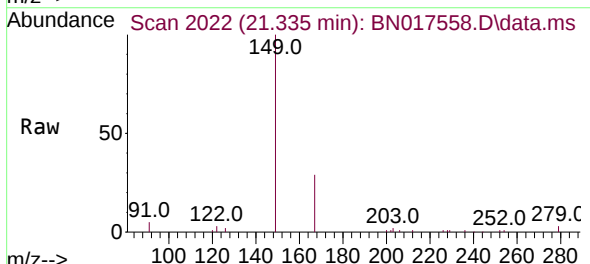
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW9-GW-818-820

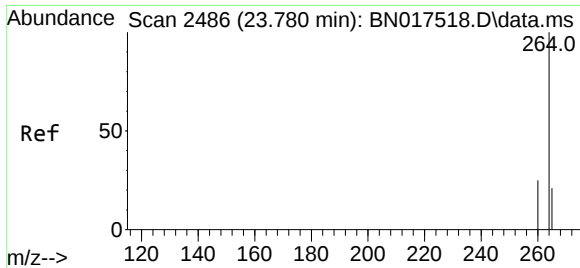
Tgt Ion:244 Resp: 100309
 Ion Ratio Lower Upper
 244 100
 212 8.7 5.7 8.5#
 122 15.1 8.6 13.0#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.384 ng
 RT: 21.335 min Scan# 2022
 Delta R.T. -0.000 min
 Lab File: BN017558.D
 Acq: 22 Nov 2021 23:10

Tgt Ion:149 Resp: 52967
 Ion Ratio Lower Upper
 149 100
 167 27.8 21.8 32.6
 279 3.5 3.4 5.0





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.777 min Scan# 21

Delta R.T. -0.003 min

Lab File: BN017558.D

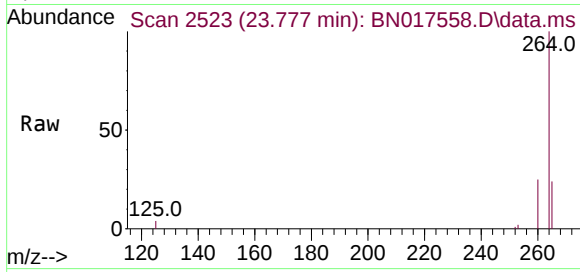
Acq: 22 Nov 2021 23:10

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW9-GW-818-820



Tgt Ion:264 Resp: 94389

Ion Ratio Lower Upper

264 100

260 25.4 19.4 29.2

265 23.6 18.6 28.0

