

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)

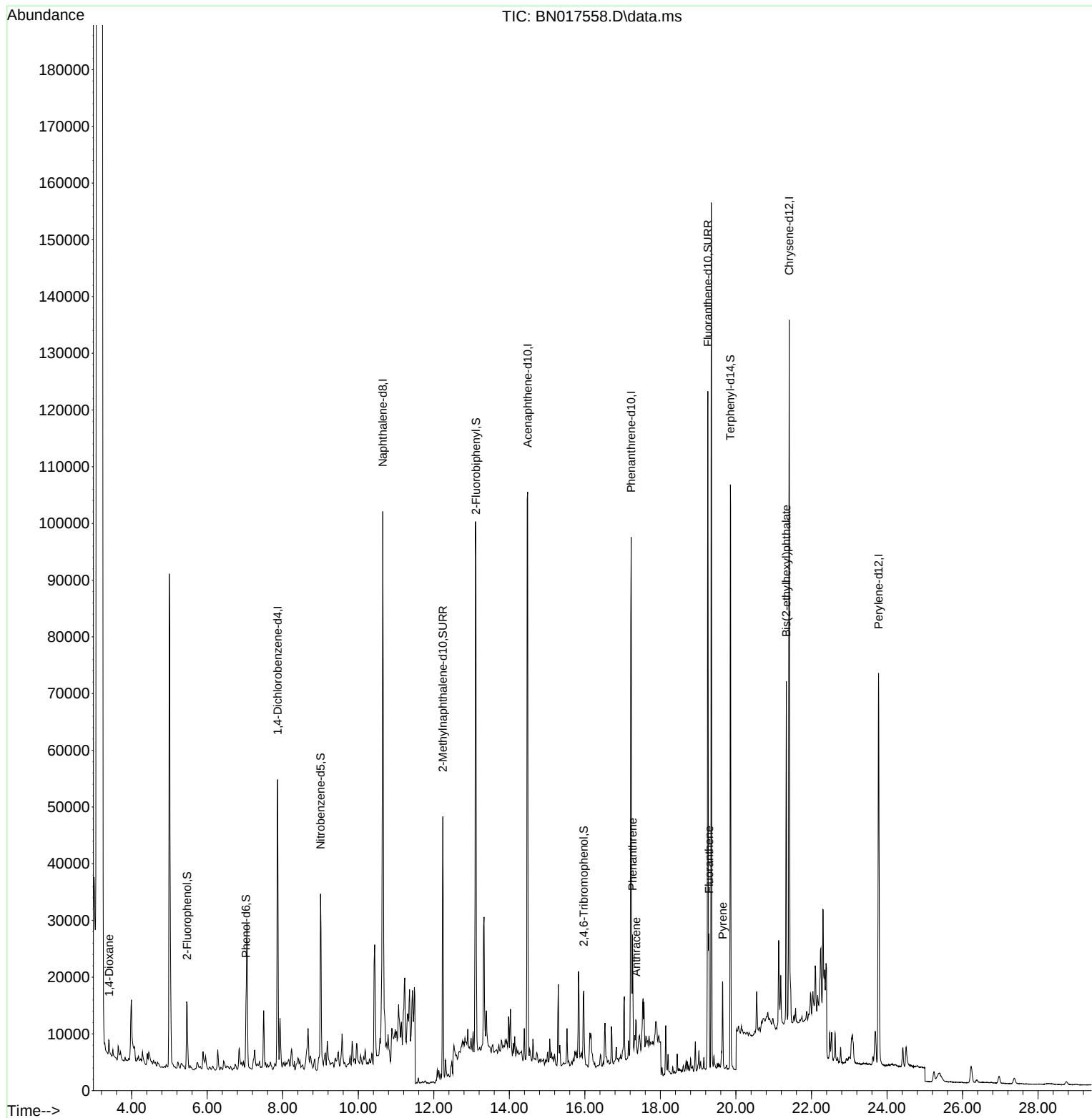
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.865	152	26953	0.400	ng	0.00
7) Naphthalene-d8	10.649	136	126923	0.400	ng	#-0.01
13) Acenaphthene-d10	14.486	164	67742	0.400	ng	0.00
19) Phenanthrene-d10	17.226	188	131081	0.400	ng	0.00
29) Chrysene-d12	21.409	240	111422	0.400	ng	# 0.00
35) Perylene-d12	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						
2) 1,4-Dioxane	3.402	88	1111m	0.086	ng	Qvalue
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

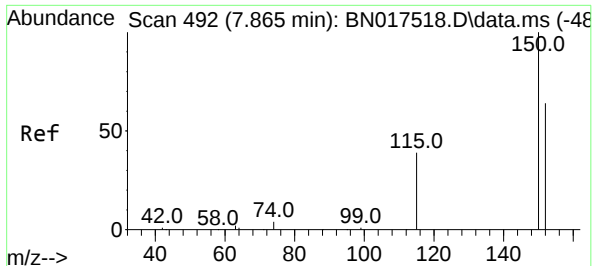
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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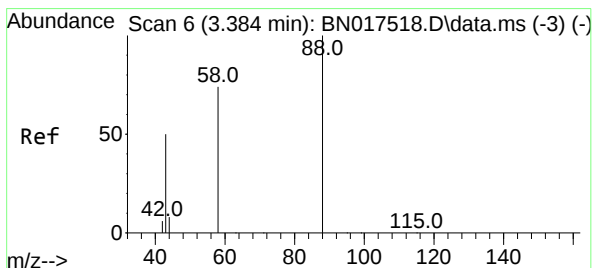
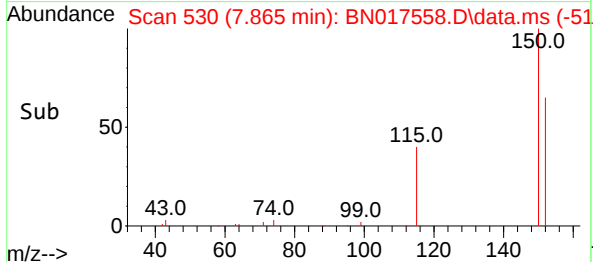
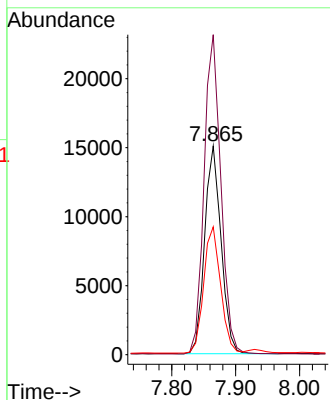
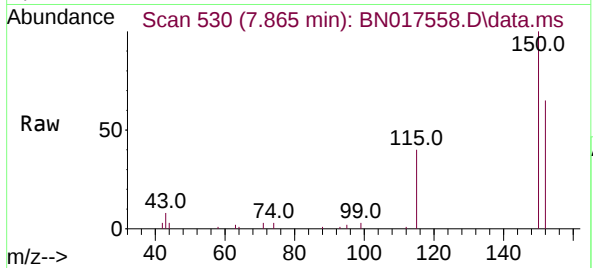




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.865 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN017558.D
Acq: 22 Nov 2021 23:10

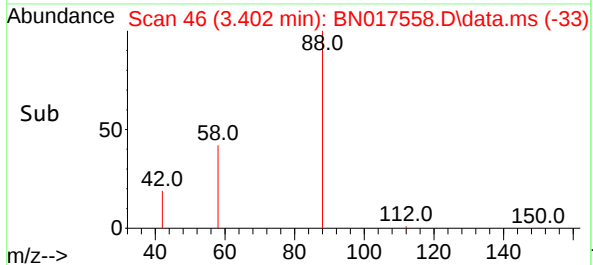
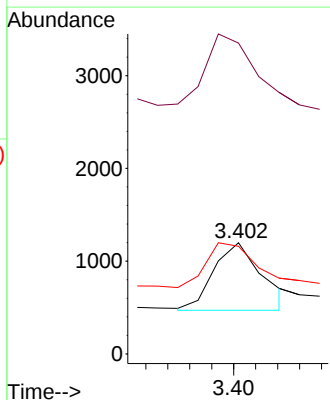
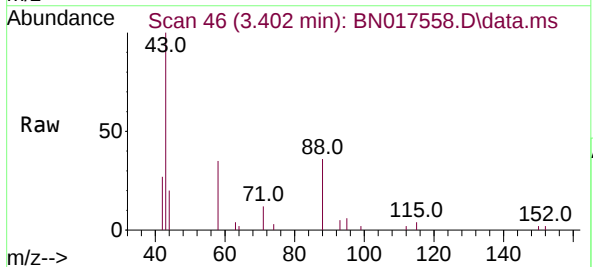
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW9-GW-818-820

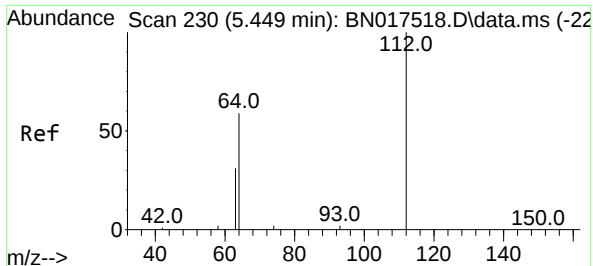
Tgt Ion:152 Resp: 26953
Ion Ratio Lower Upper
152 100
150 153.4 123.0 184.4
115 61.3 45.6 68.4



#2
1,4-Dioxane
Concen: 0.086 ng m
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: 1111
Ion Ratio Lower Upper
88 100
43 97.7 24.7 37.1#
58 59.0 63.0 94.6#

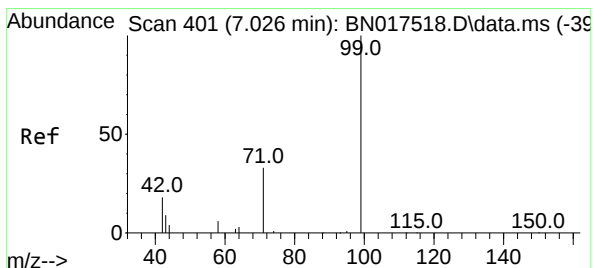
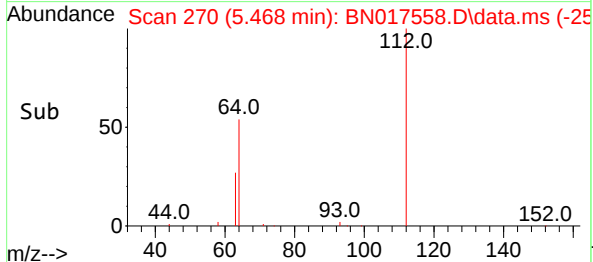
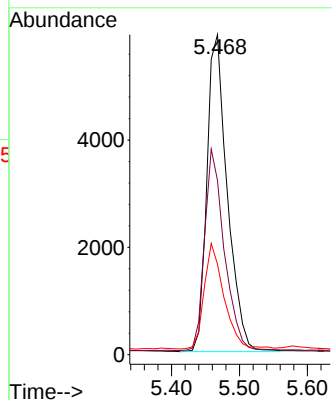
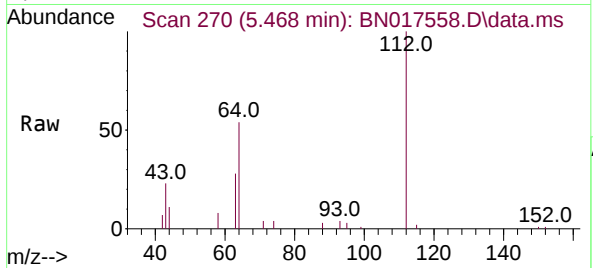




#4
2-Fluorophenol
Concen: 0.184 ng
RT: 5.468 min Scan# 21
Delta R.T. 0.019 min
Lab File: BN017558.D
Acq: 22 Nov 2021 23:10

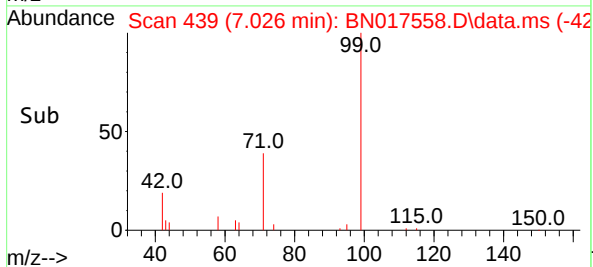
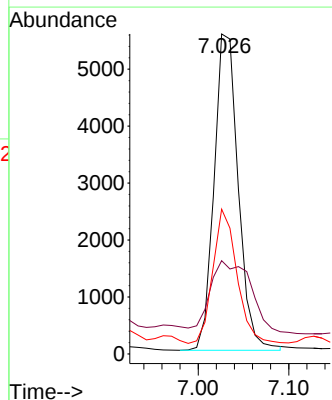
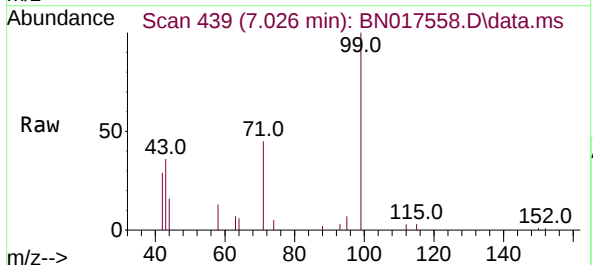
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW9-GW-818-820

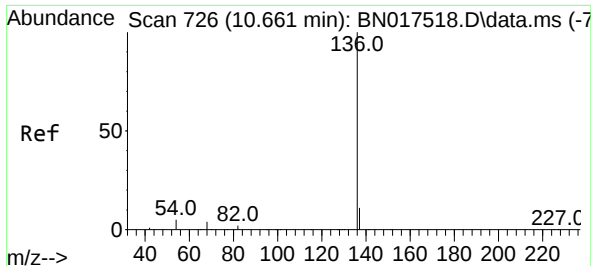
Tgt Ion:112 Resp: 12316
Ion Ratio Lower Upper
112 100
64 61.5 47.6 71.4
63 32.4 24.6 37.0



#5
Phenol-d6
Concen: 0.137 ng
RT: 7.026 min Scan# 439
Delta R.T. -0.000 min
Lab File: BN017558.D
Acq: 22 Nov 2021 23:10

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#

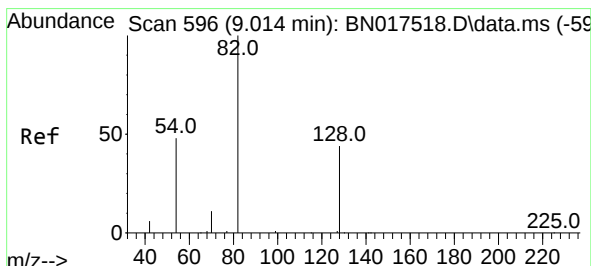
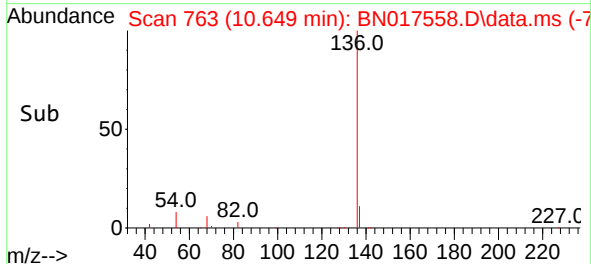
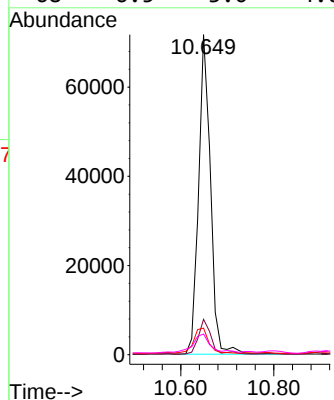
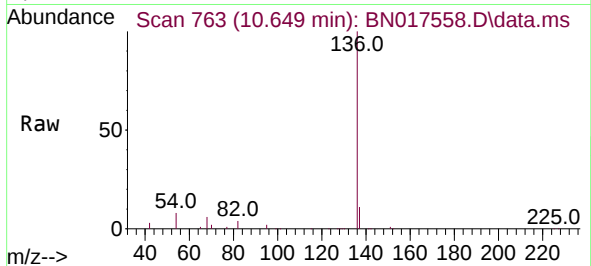




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.649 min Scan# 70
Delta R.T. -0.012 min
Lab File: BN017558.D
Acq: 22 Nov 2021 23:10

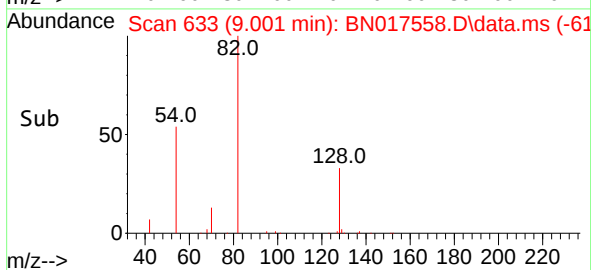
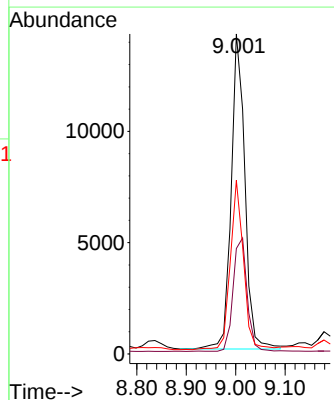
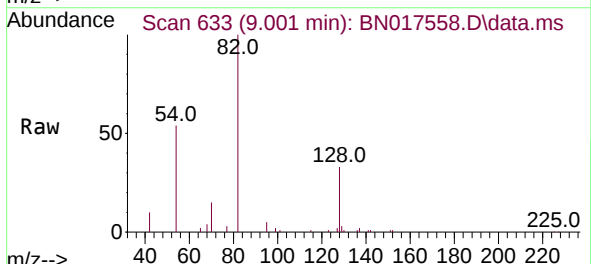
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW9-GW-818-820

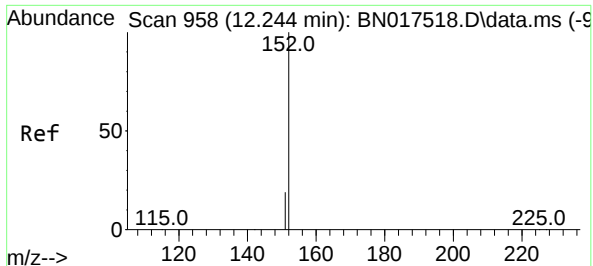
Tgt Ion:136 Resp: 126923
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.3 4.0 6.0#
68 6.5 3.0 4.6#



#8
Nitrobenzene-d5
Concen: 0.325 ng
RT: 9.001 min Scan# 633
Delta R.T. -0.013 min
Lab File: BN017558.D
Acq: 22 Nov 2021 23:10

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

Instrument :

BNA_N

ClientSampleId :

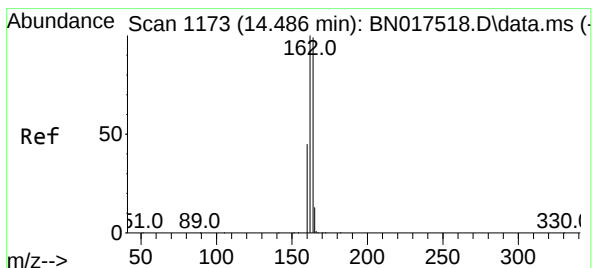
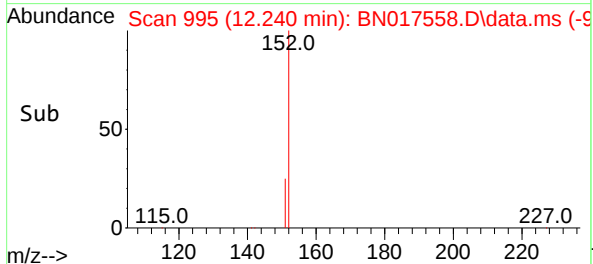
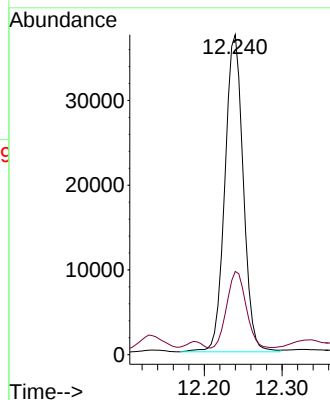
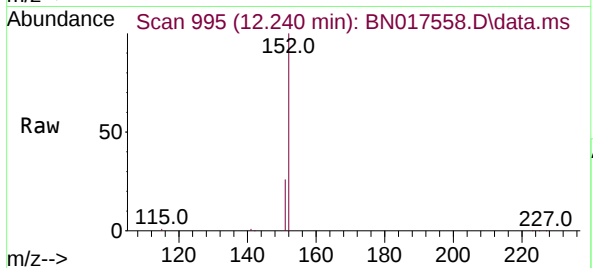
BP-VPB-RW9-GW-818-820

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# 1211

Delta R.T. -0.000 min

Lab File: BN017558.D

Acq: 22 Nov 2021 23:10

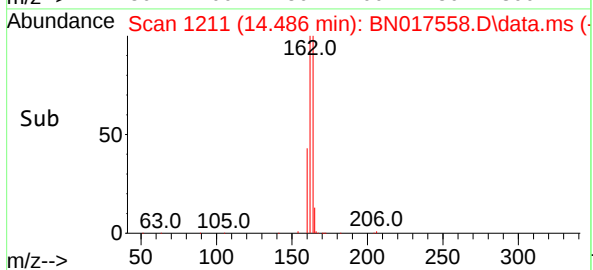
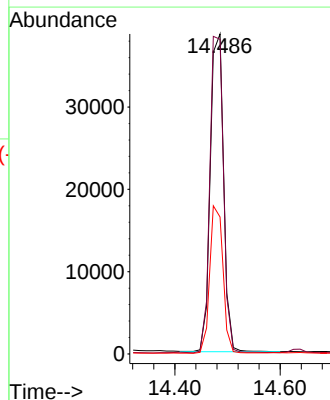
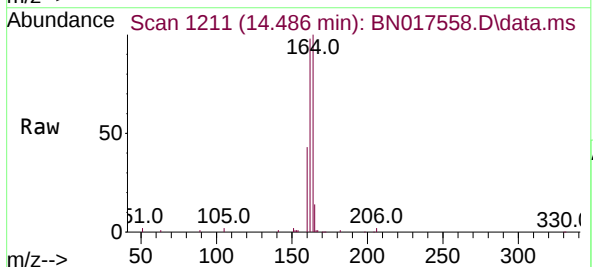
Tgt Ion:164 Resp: 67742

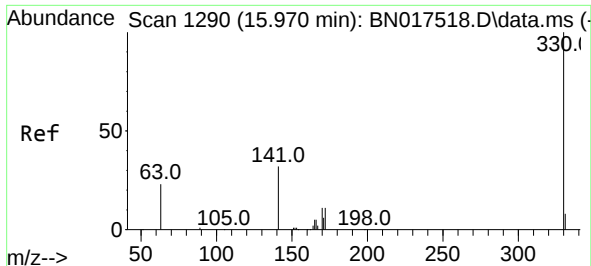
Ion Ratio Lower Upper

164 100

162 98.4 81.4 122.2

160 42.8 36.8 55.2

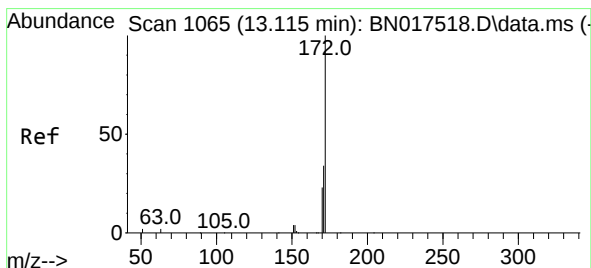
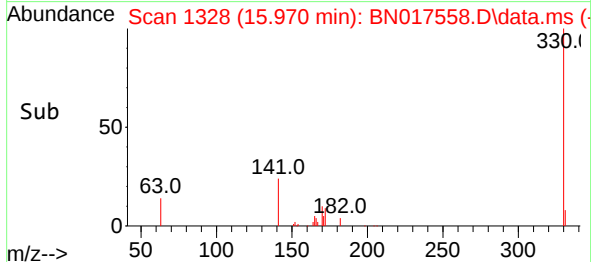
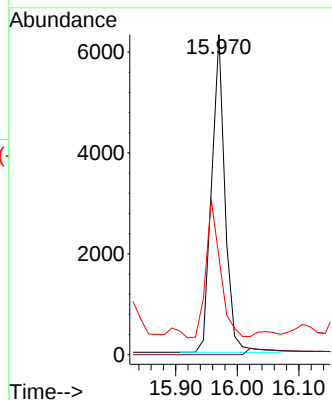
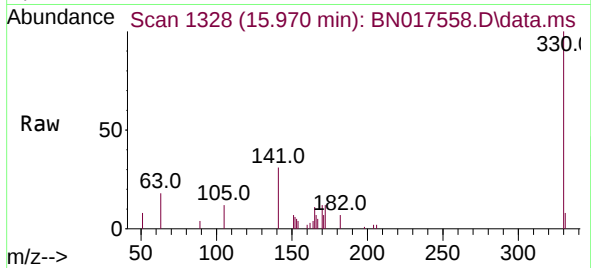




#14
2,4,6-Tribromophenol
Concen: 0.456 ng
RT: 15.970 min Scan# 1103
Delta R.T. 0.000 min
Lab File: BN017558.D
Acq: 22 Nov 2021 23:10

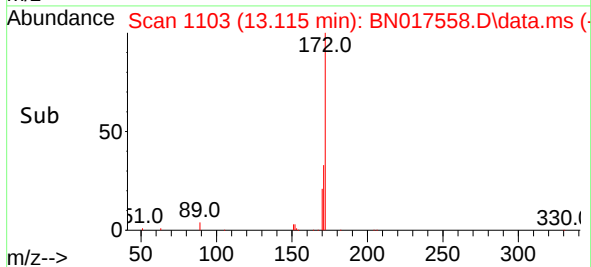
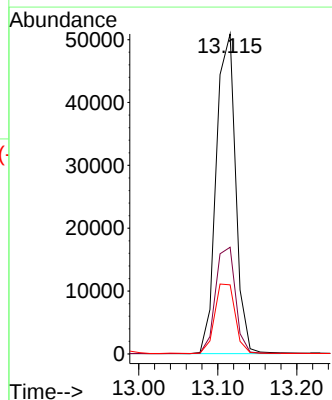
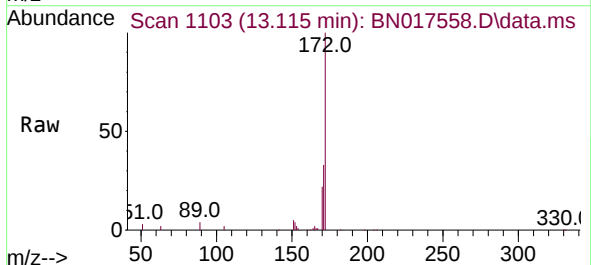
Instrument :
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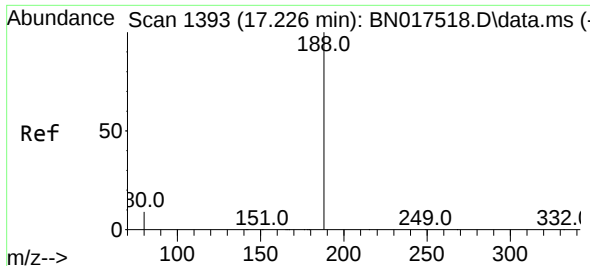
Tgt Ion: 330 Resp: 9486
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 46.9 28.9 43.3#



#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

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

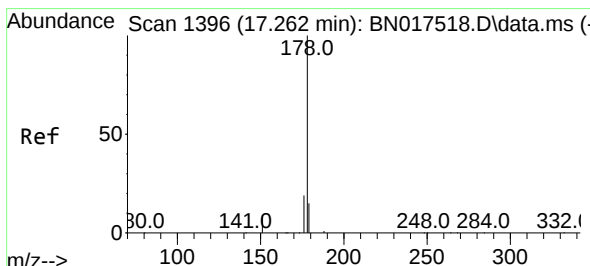
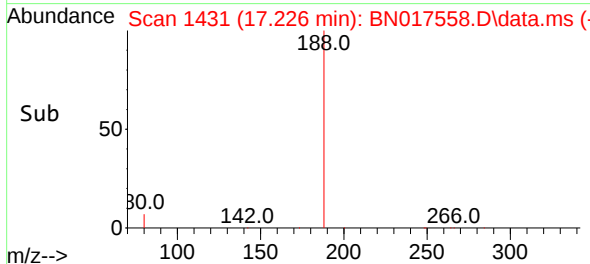
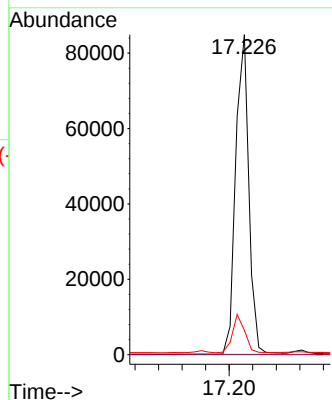
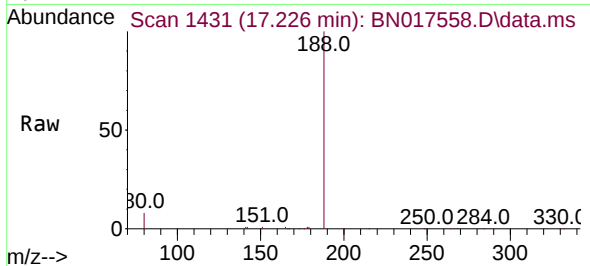




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.226 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BN017558.D
Acq: 22 Nov 2021 23:10

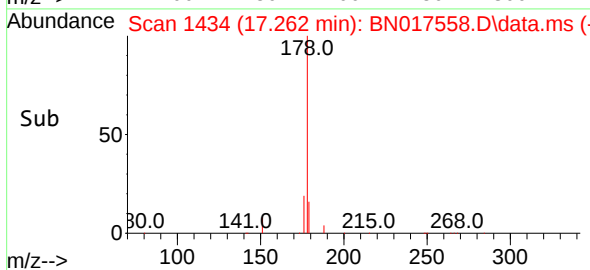
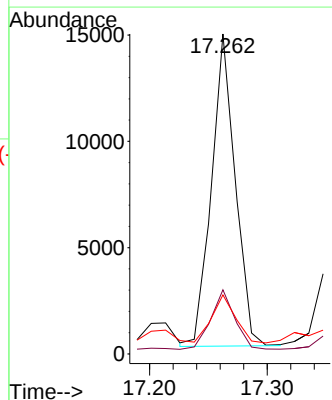
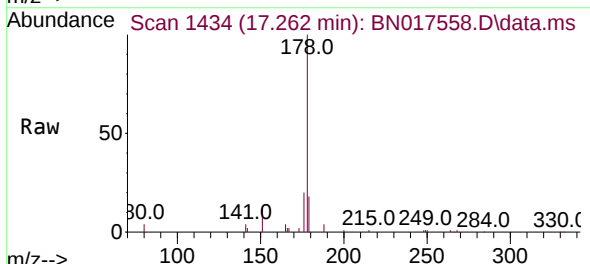
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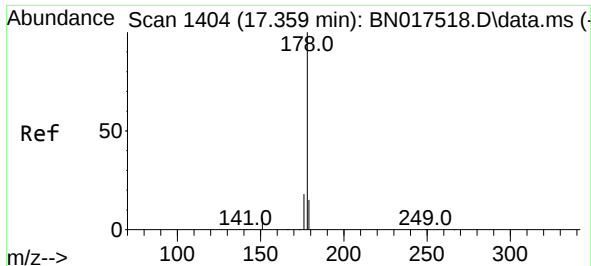
Tgt Ion:188 Resp: 131081
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.6 6.1 9.1



#25
Phenanthrene
Concen: 0.056 ng
RT: 17.262 min Scan# 1434
Delta R.T. 0.000 min
Lab File: BN017558.D
Acq: 22 Nov 2021 23:10

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

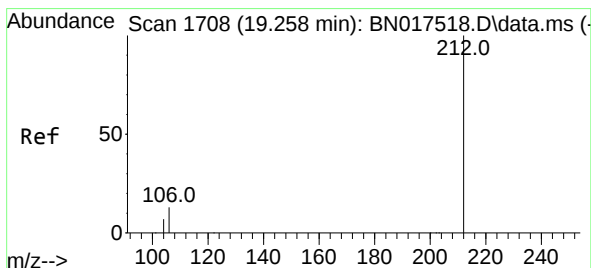
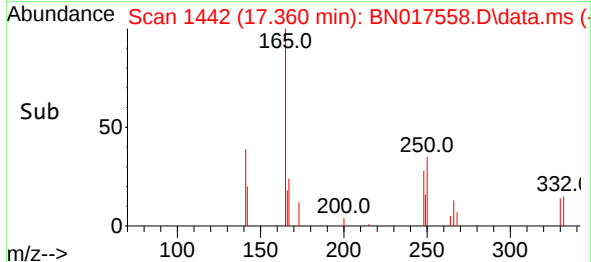
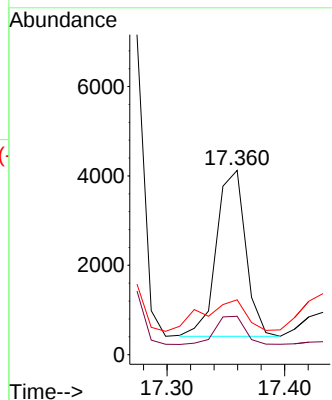
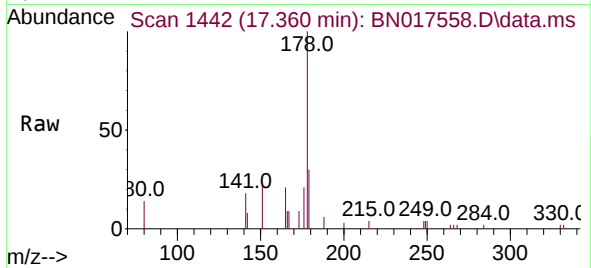




#26
 Anthracene
 Concen: 0.020 ng
 RT: 17.360 min Scan# 1404
 Delta R.T. 0.001 min
 Lab File: BN017558.D
 Acq: 22 Nov 2021 23:10

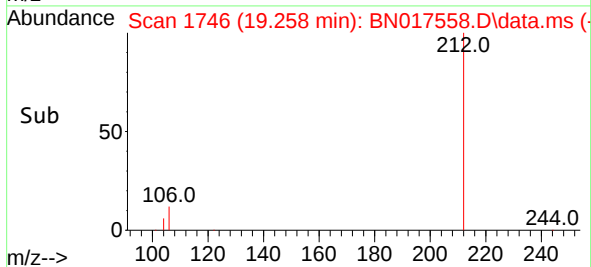
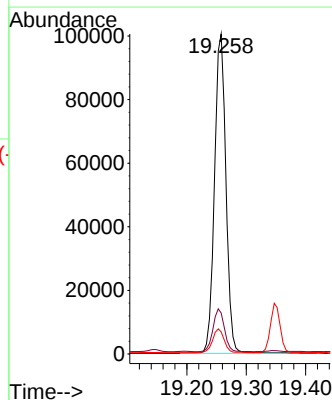
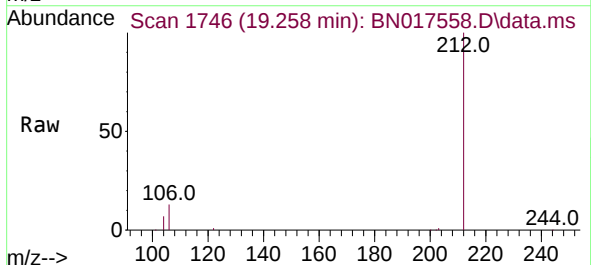
Instrument :
 BNA_N
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 BP-VPB-RW9-GW-818-820

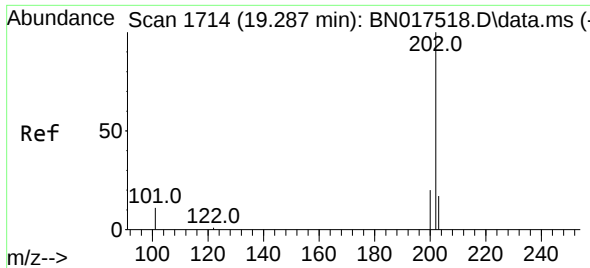
Tgt Ion:178 Resp: 6409
 Ion Ratio Lower Upper
 178 100
 176 17.2 14.6 22.0
 179 28.1 12.2 18.4#



#27
 Fluoranthene-d10
 Concen: 0.331 ng
 RT: 19.258 min Scan# 1746
 Delta R.T. -0.000 min
 Lab File: BN017558.D
 Acq: 22 Nov 2021 23:10

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

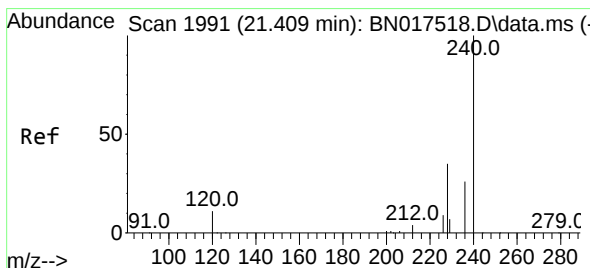
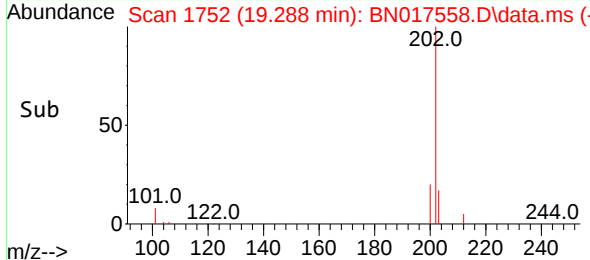
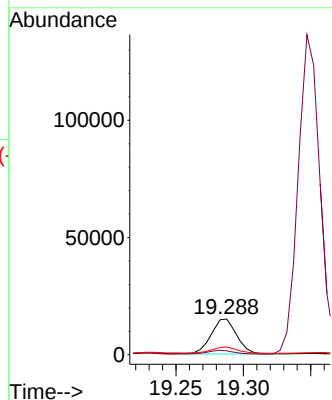
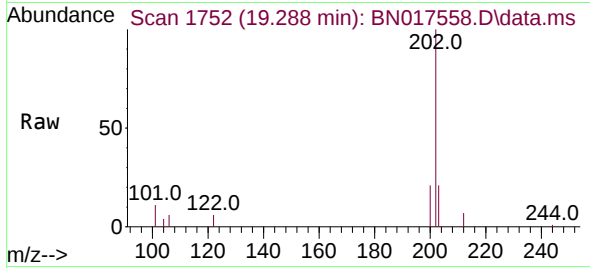




#28
Fluoranthene
Concen: 0.048 ng
RT: 19.288 min Scan# 11
Delta R.T. 0.001 min
Lab File: BN017558.D
Acq: 22 Nov 2021 23:10

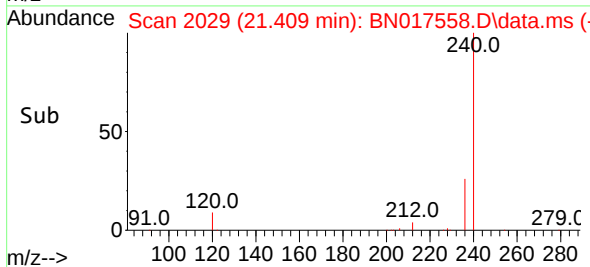
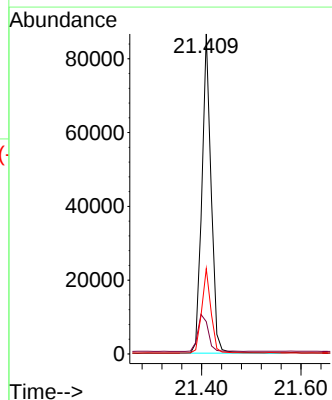
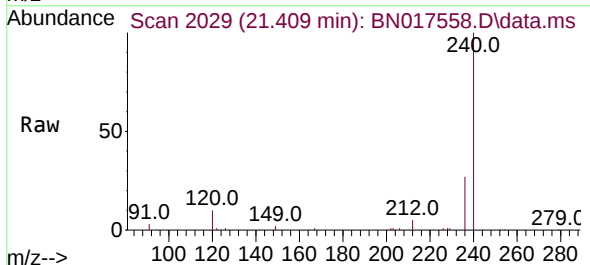
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW9-GW-818-820

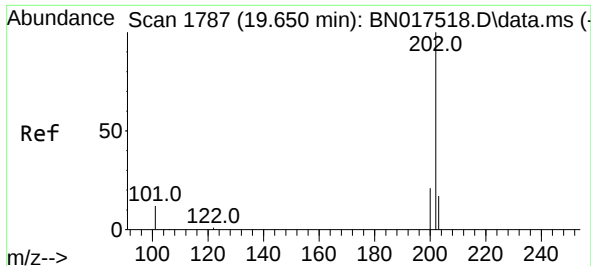
Tgt Ion:202 Resp: 19612
Ion Ratio Lower Upper
202 100
101 0.0 8.9 13.3#
203 18.1 13.8 20.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.409 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BN017558.D
Acq: 22 Nov 2021 23:10

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

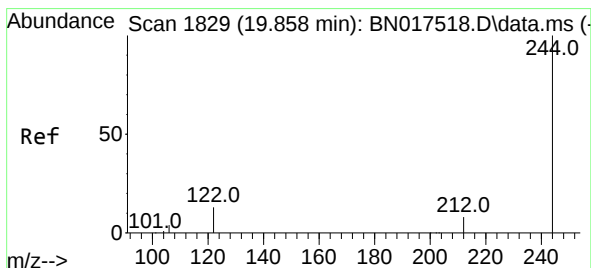
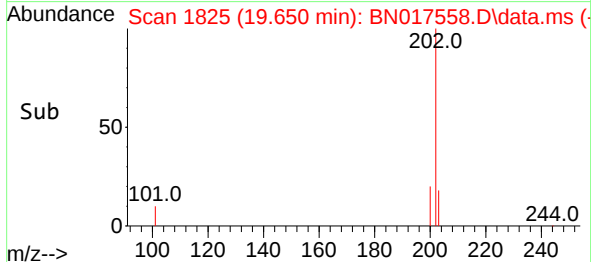
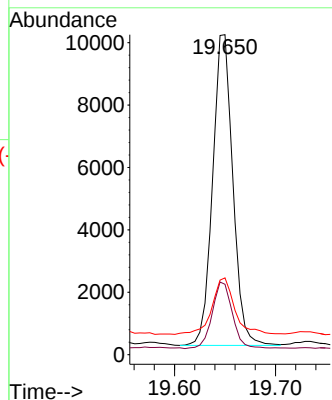
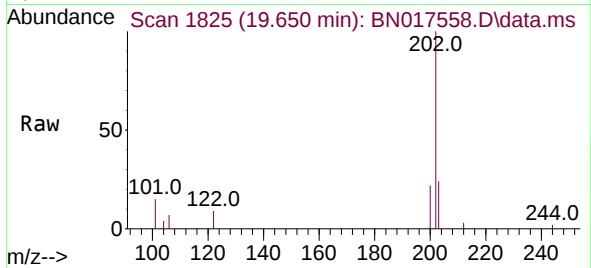




#30
Pyrene
Concen: 0.037 ng
RT: 19.650 min Scan# 1787
Delta R.T. 0.000 min
Lab File: BN017558.D
Acq: 22 Nov 2021 23:10

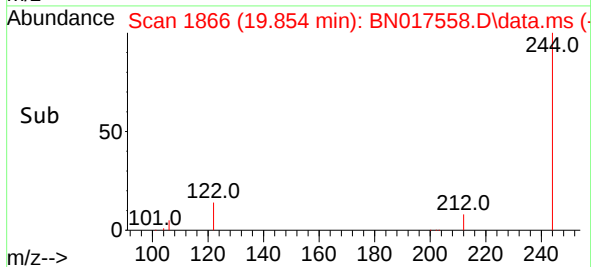
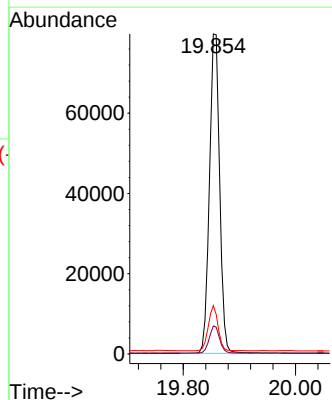
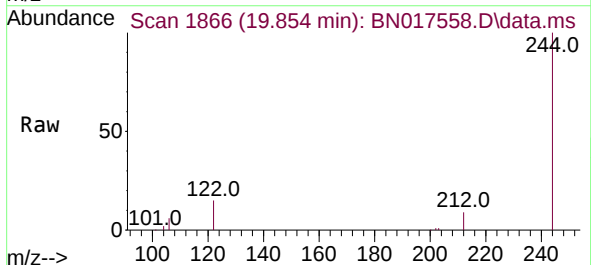
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW9-GW-818-820

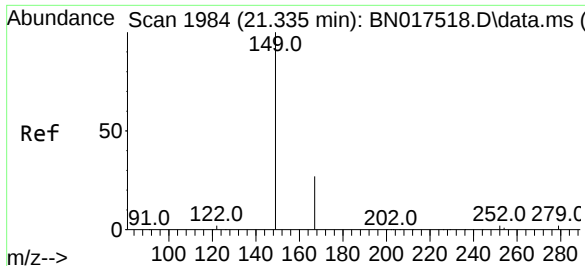
Tgt Ion:202 Resp: 13886
Ion Ratio Lower Upper
202 100
200 21.5 16.5 24.7
203 20.4 14.0 21.0



#31
Terphenyl-d14
Concen: 0.410 ng
RT: 19.854 min Scan# 1866
Delta R.T. -0.004 min
Lab File: BN017558.D
Acq: 22 Nov 2021 23:10

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#

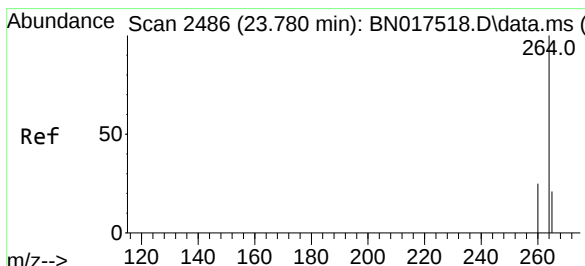
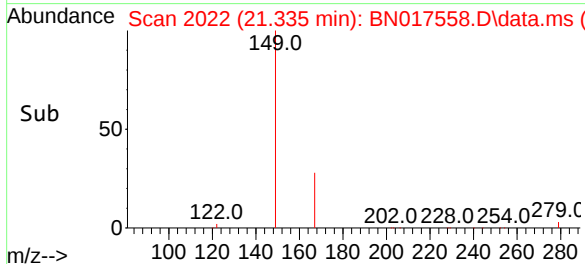
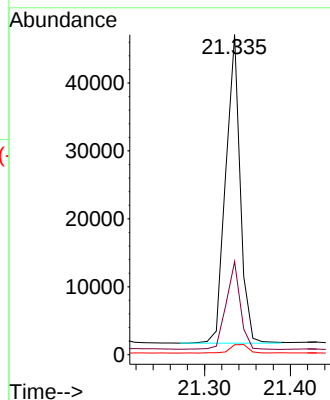
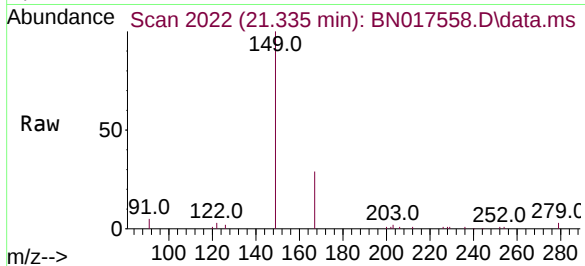




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.384 ng
RT: 21.335 min Scan# 20
Delta R.T. -0.000 min
Lab File: BN017558.D
Acq: 22 Nov 2021 23:10

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

Tgt Ion: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# 2523
Delta R.T. -0.003 min
Lab File: BN017558.D
Acq: 22 Nov 2021 23:10

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

