

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112321\
 Data File : BN017553.D
 Acq On : 22 Nov 2021 20:10
 Operator : CG/JU
 Sample : M4788-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWBR3D-B-320-341-111921

Quant Time: Nov 23 02:40:38 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)

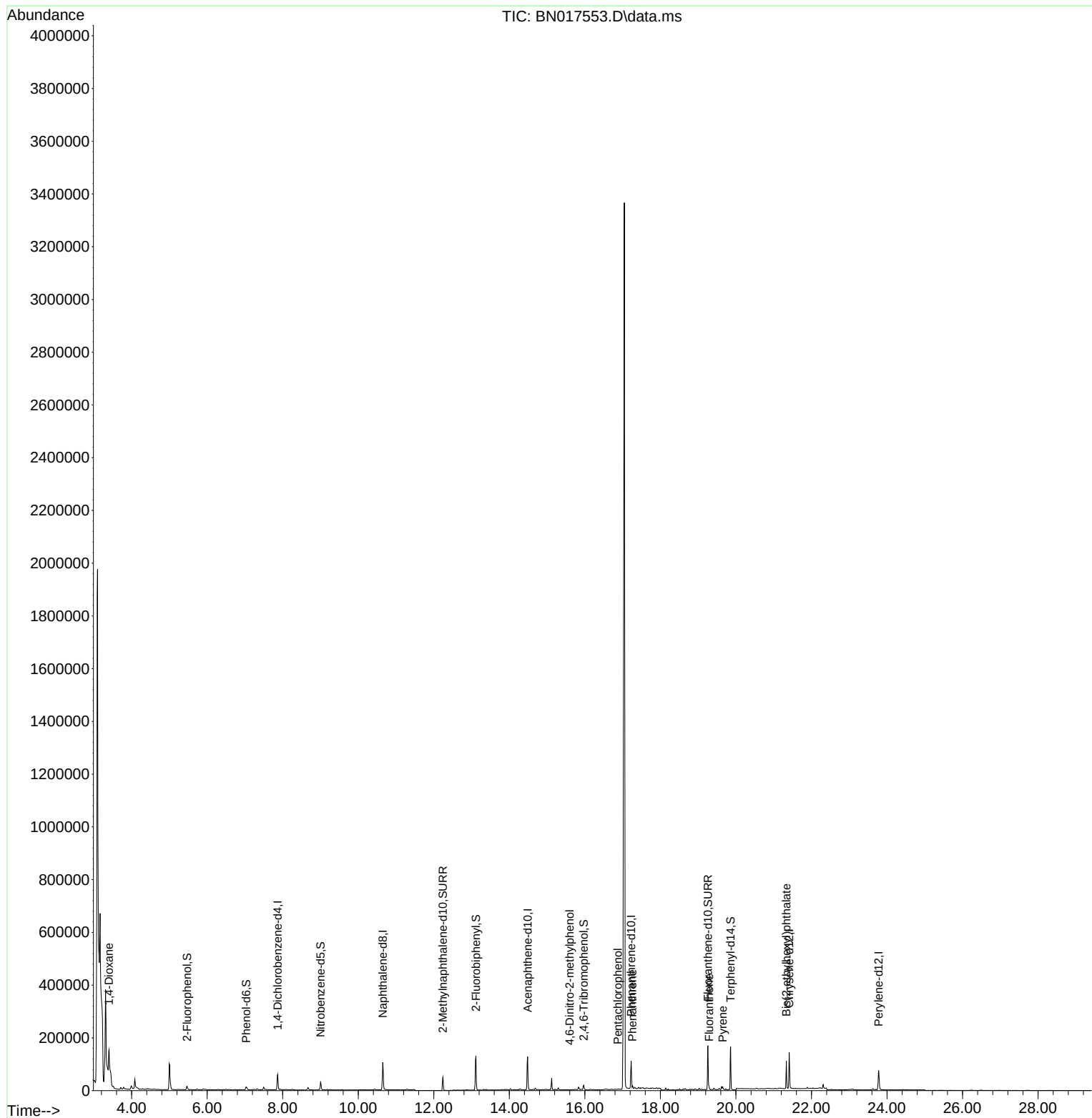
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.865	152	31102	0.400	ng	0.00
7) Naphthalene-d8	10.649	136	143156	0.400	ng	#-0.01
13) Acenaphthene-d10	14.486	164	77614	0.400	ng	0.00
19) Phenanthrene-d10	17.226	188	141162	0.400	ng	0.00
29) Chrysene-d12	21.409	240	126418	0.400	ng	# 0.00
35) Perylene-d12	23.780	264	103730	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.468	112	12997	0.169	ng	0.02
5) Phenol-d6	7.035	99	10093	0.116	ng	0.00
8) Nitrobenzene-d5	9.001	82	27311	0.290	ng	-0.01
11) 2-Methylnaphthalene-d10	12.240	152	69688	0.292	ng	0.00
14) 2,4,6-Tribromophenol	15.970	330	12311	0.516	ng	0.00
15) 2-Fluorobiphenyl	13.116	172	125937	0.436	ng	0.00
27) Fluoranthene-d10	19.258	212	185498	0.427	ng	0.00
31) Terphenyl-d14	19.859	244	157133	0.566	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.402	88	57331	3.843	ng	100
20) 4,6-Dinitro-2-methylph...	15.602	198	42	0.112	ng	# 1
24) Pentachlorophenol	16.873	266	721	0.219	ng	95
25) Phenanthrene	17.262	178	11533	0.029	ng	# 85
28) Fluoranthene	19.288	202	11708	0.027	ng	# 82
30) Pyrene	19.650	202	11746	0.027	ng	99
34) Bis(2-ethylhexyl)phtha...	21.335	149	84622	0.502	ng	# 99

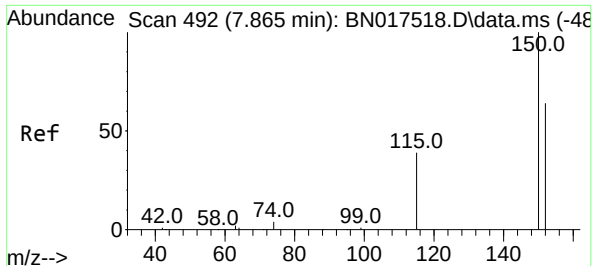
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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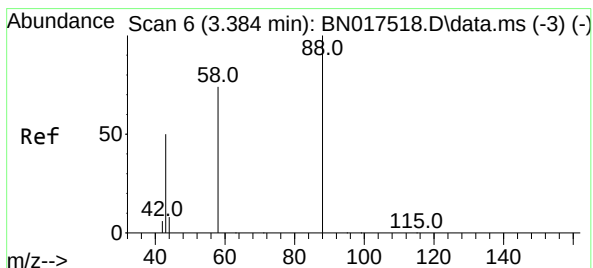
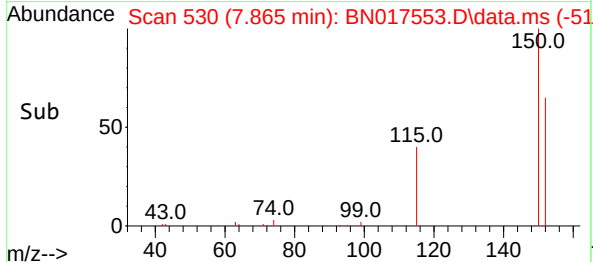
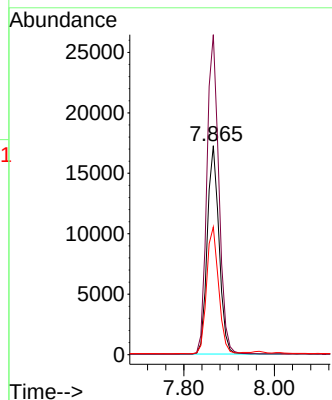
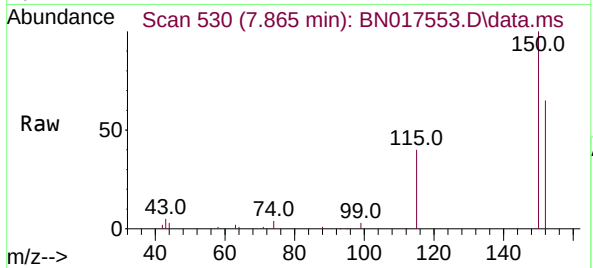




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.865 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN017553.D
Acq: 22 Nov 2021 20:10

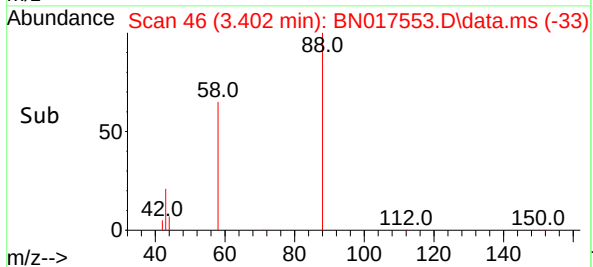
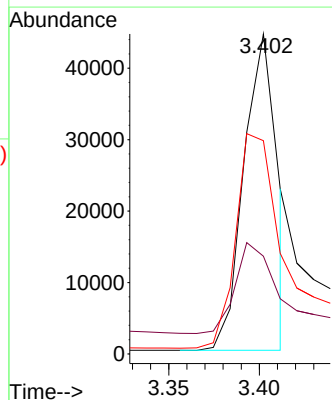
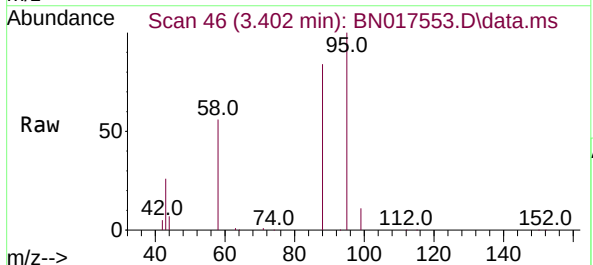
Instrument :
BNA_N
ClientSampleId :
GWBR3D-B-320-341-111921

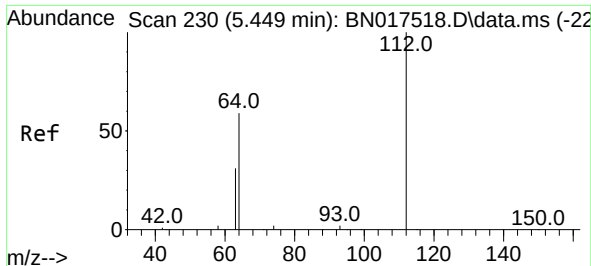
Tgt Ion:152 Resp: 31102
Ion Ratio Lower Upper
152 100
150 153.1 123.0 184.4
115 61.1 45.6 68.4



#2
1,4-Dioxane
Concen: 3.843 ng
RT: 3.402 min Scan# 46
Delta R.T. 0.018 min
Lab File: BN017553.D
Acq: 22 Nov 2021 20:10

Tgt Ion: 88 Resp: 57331
Ion Ratio Lower Upper
88 100
43 31.7 24.7 37.1
58 78.8 63.0 94.6

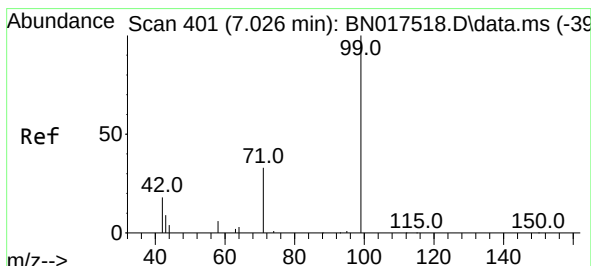
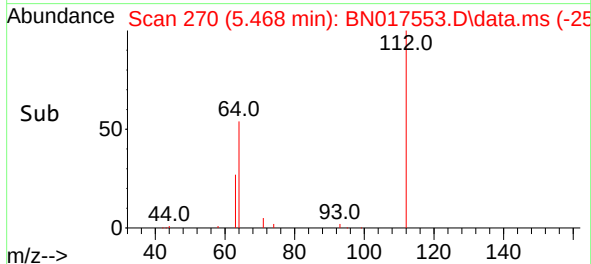
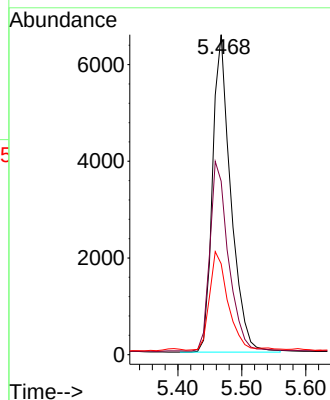
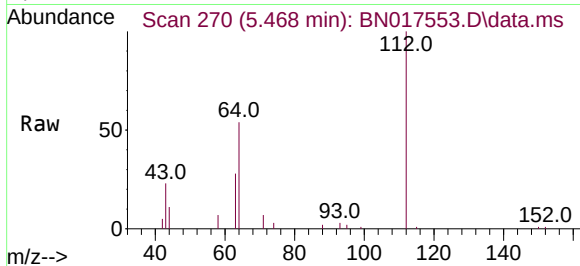




#4
2-Fluorophenol
Concen: 0.169 ng
RT: 5.468 min Scan# 21
Delta R.T. 0.019 min
Lab File: BN017553.D
Acq: 22 Nov 2021 20:10

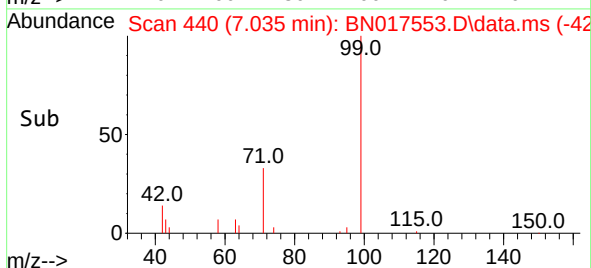
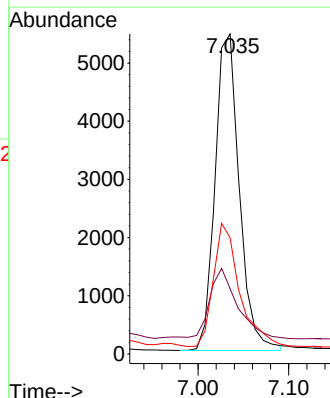
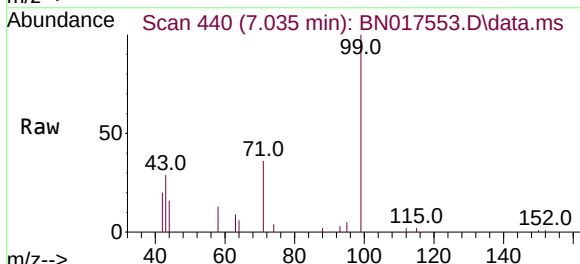
Instrument :
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ClientSampleId :
GWBR3D-B-320-341-111921

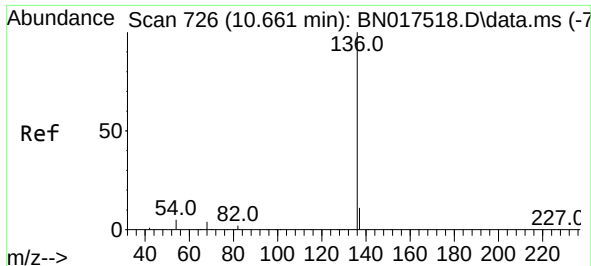
Tgt Ion:112 Resp: 12997
Ion Ratio Lower Upper
112 100
64 60.8 47.6 71.4
63 31.9 24.6 37.0



#5
Phenol-d6
Concen: 0.116 ng
RT: 7.035 min Scan# 440
Delta R.T. 0.009 min
Lab File: BN017553.D
Acq: 22 Nov 2021 20:10

Tgt Ion: 99 Resp: 10093
Ion Ratio Lower Upper
99 100
42 25.4 17.0 25.6
71 42.0 24.8 37.2#

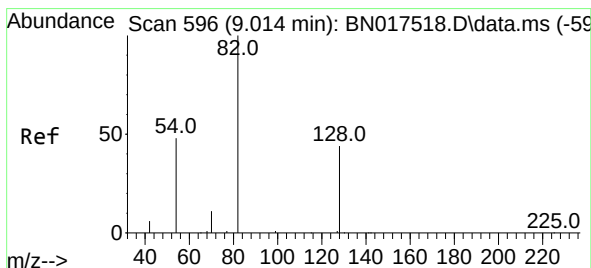
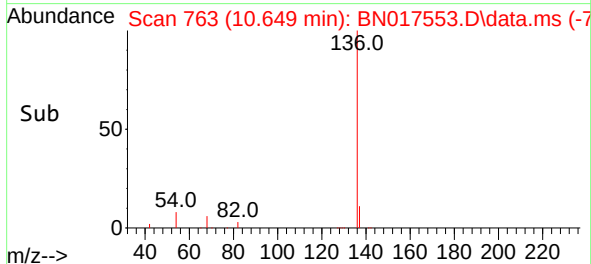
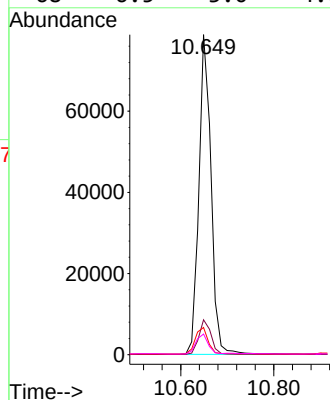
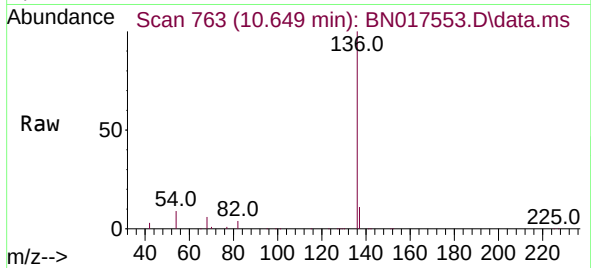




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.649 min Scan# 701
Delta R.T. -0.012 min
Lab File: BN017553.D
Acq: 22 Nov 2021 20:10

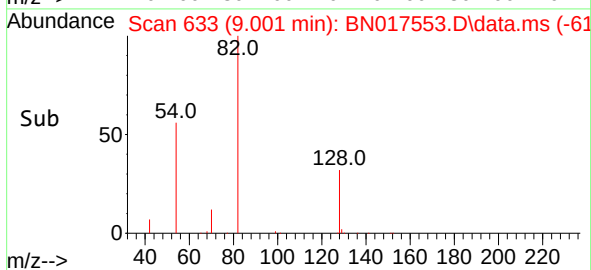
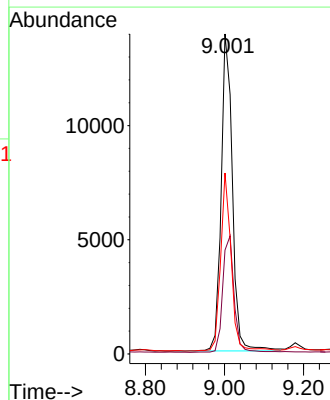
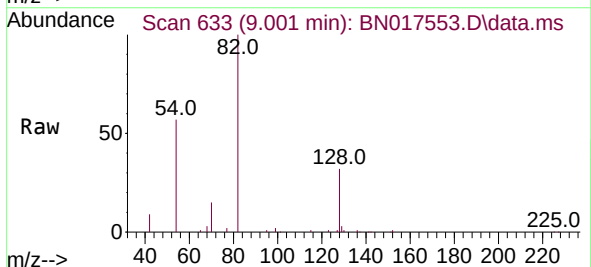
Instrument :
BNA_N
ClientSampleId :
GWBR3D-B-320-341-111921

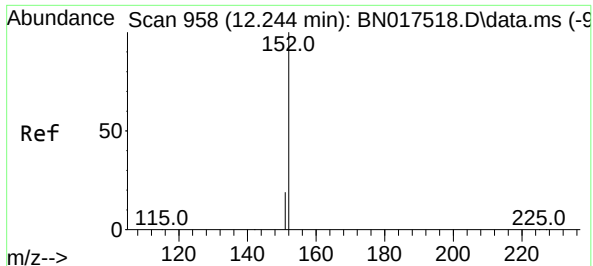
Tgt Ion:136 Resp: 143156
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 8.5 4.0 6.0#
68 6.5 3.0 4.6#



#8
Nitrobenzene-d5
Concen: 0.290 ng
RT: 9.001 min Scan# 633
Delta R.T. -0.013 min
Lab File: BN017553.D
Acq: 22 Nov 2021 20:10

Tgt Ion: 82 Resp: 27311
Ion Ratio Lower Upper
82 100
128 32.4 27.7 41.5
54 56.6 49.2 73.8





#11

2-Methylnaphthalene-d10

Concen: 0.292 ng

RT: 12.240 min Scan# 995

Delta R.T. -0.004 min

Lab File: BN017553.D

Acq: 22 Nov 2021 20:10

Instrument :

BNA_N

ClientSampleId :

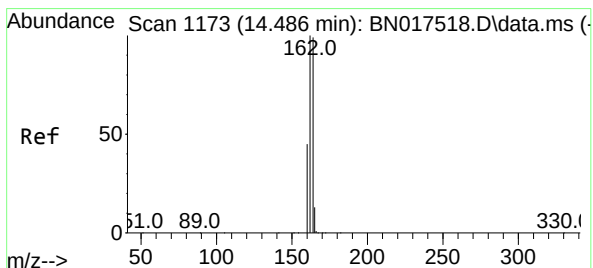
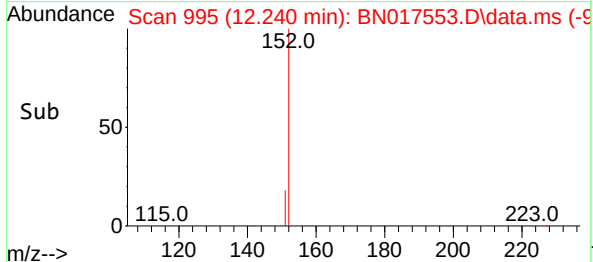
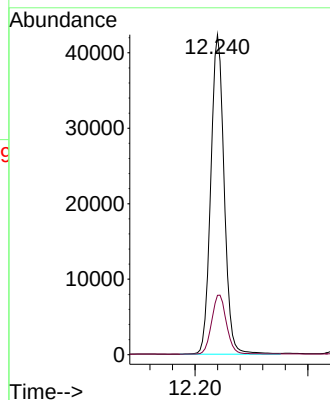
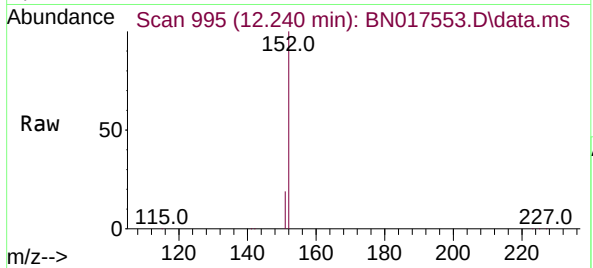
GWBR3D-B-320-341-111921

Tgt Ion:152 Resp: 69688

Ion Ratio Lower Upper

152 100

151 20.5 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: BN017553.D

Acq: 22 Nov 2021 20:10

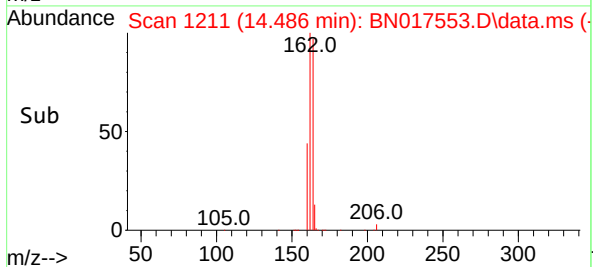
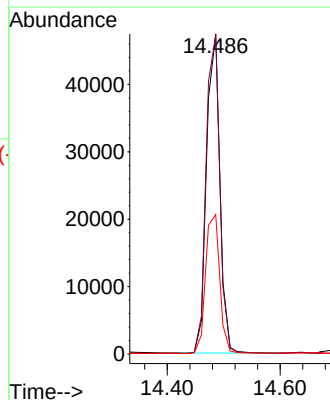
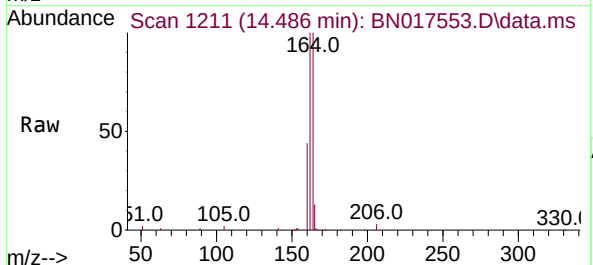
Tgt Ion:164 Resp: 77614

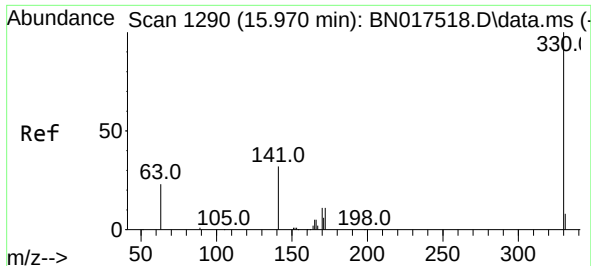
Ion Ratio Lower Upper

164 100

162 99.7 81.4 122.2

160 43.5 36.8 55.2

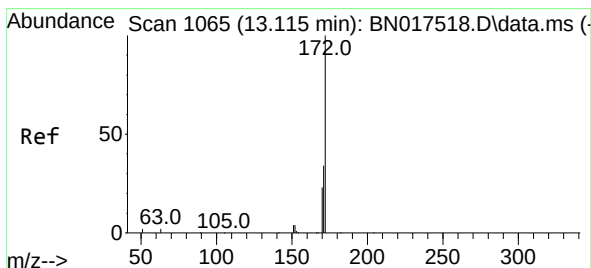
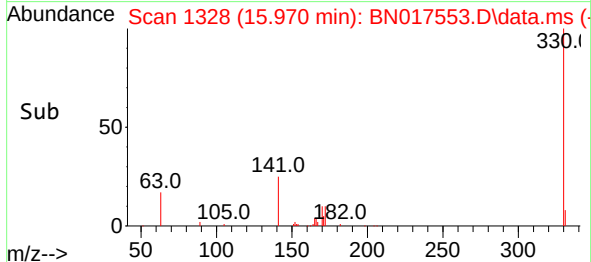
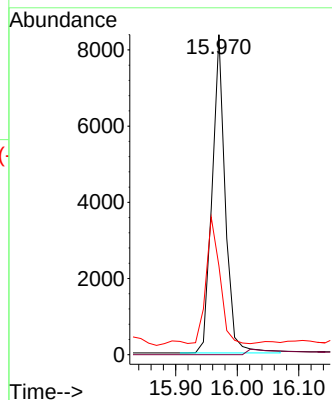
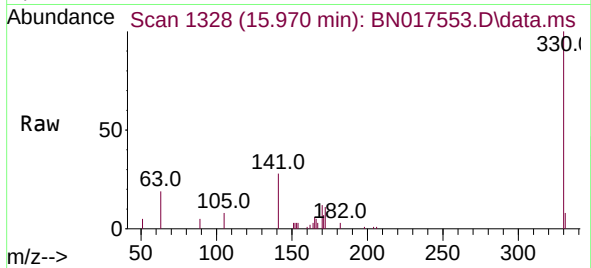




#14
 2,4,6-Tribromophenol
 Concen: 0.516 ng
 RT: 15.970 min Scan# 1103
 Delta R.T. 0.000 min
 Lab File: BN017553.D
 Acq: 22 Nov 2021 20:10

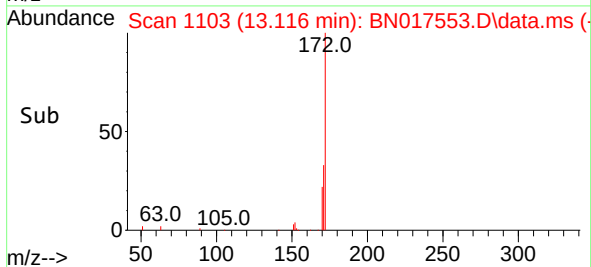
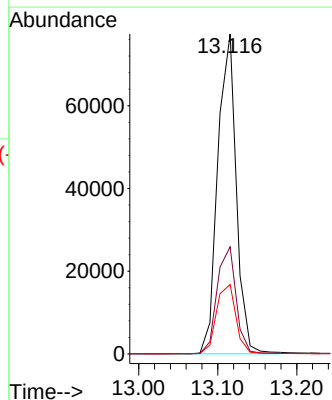
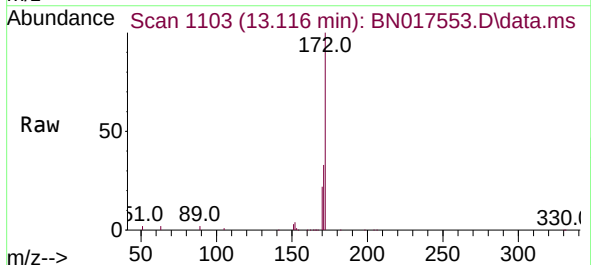
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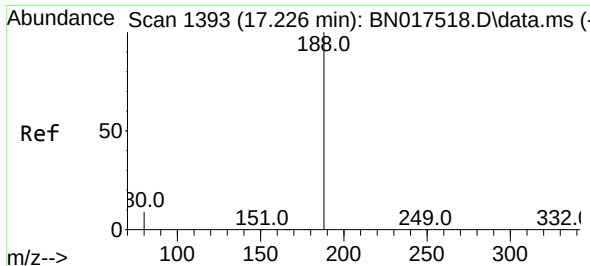
Tgt Ion: 330 Resp: 12311
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 41.8 28.9 43.3



#15
 2-Fluorobiphenyl
 Concen: 0.436 ng
 RT: 13.116 min Scan# 1103
 Delta R.T. 0.000 min
 Lab File: BN017553.D
 Acq: 22 Nov 2021 20:10

Tgt Ion: 172 Resp: 125937
 Ion Ratio Lower Upper
 172 100
 171 33.5 28.7 43.1
 170 21.7 19.4 29.2

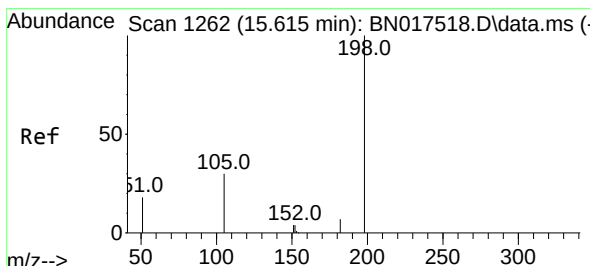
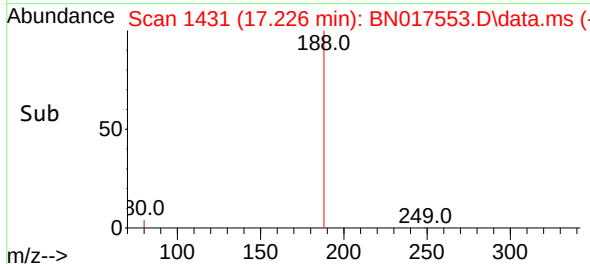
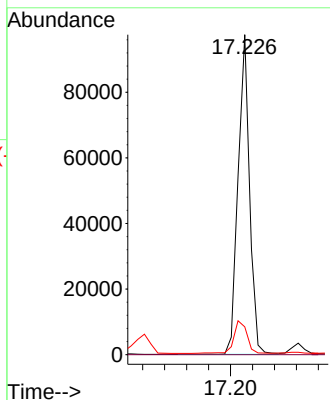
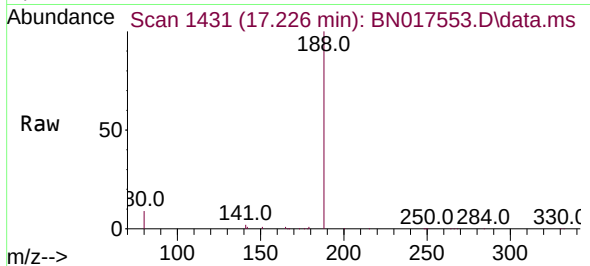




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.226 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BN017553.D
Acq: 22 Nov 2021 20:10

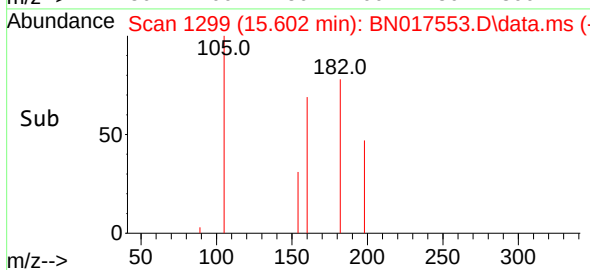
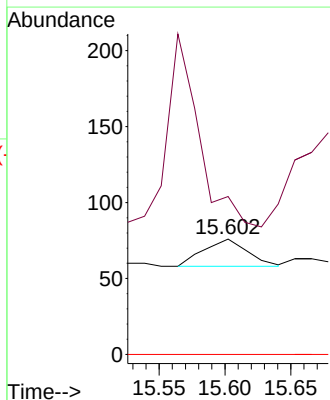
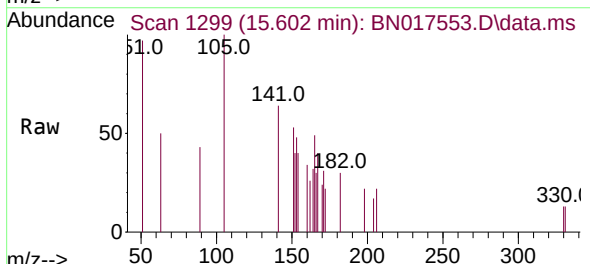
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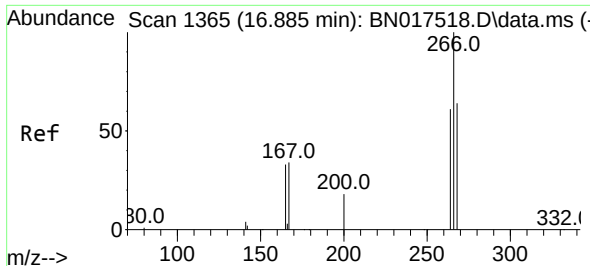
Tgt Ion:188	Resp:	141162
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	8.7	6.1



#20
4,6-Dinitro-2-methylphenol
Concen: 0.112 ng
RT: 15.602 min Scan# 1299
Delta R.T. -0.013 min
Lab File: BN017553.D
Acq: 22 Nov 2021 20:10

Tgt Ion:198	Resp:	42
Ion Ratio	Lower	Upper
198	100	
182	136.8	11.4
77	0.0	0.0

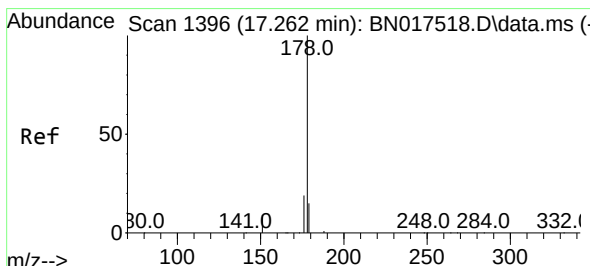
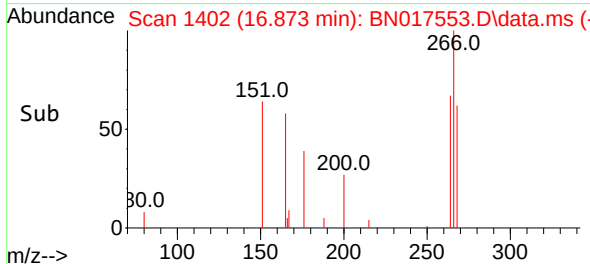
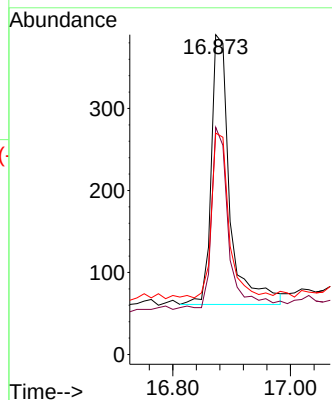
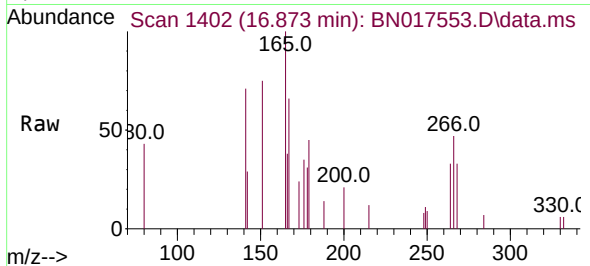




#24
Pentachlorophenol
Concen: 0.219 ng
RT: 16.873 min Scan# 1402
Delta R.T. -0.012 min
Lab File: BN017553.D
Acq: 22 Nov 2021 20:10

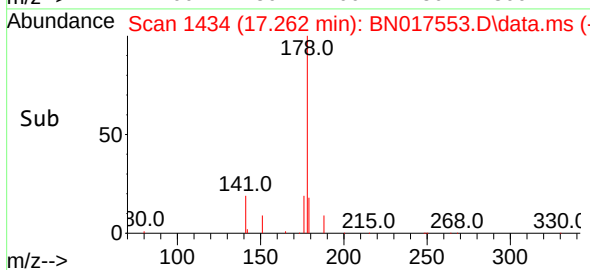
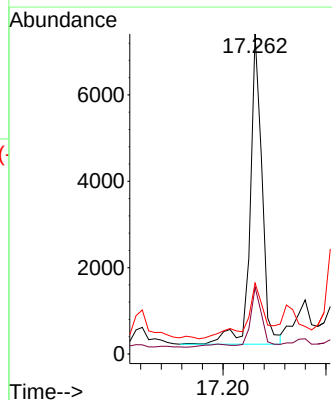
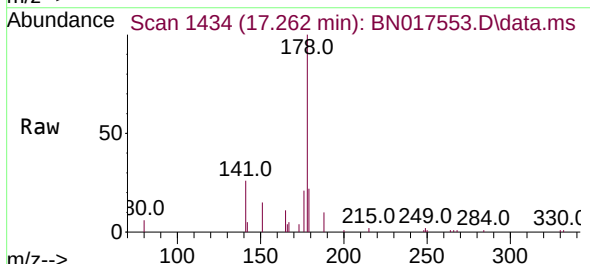
Instrument :
BNA_N
ClientSampleId :
GWBR3D-B-320-341-111921

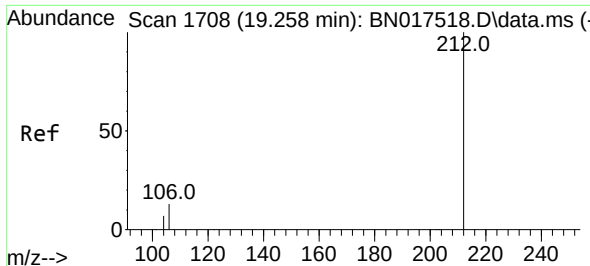
Tgt Ion:	266	Resp:	721
Ion Ratio	Lower	Upper	
266	100		
264	61.7	49.8	74.8
268	56.3	51.3	76.9



#25
Phenanthrene
Concen: 0.029 ng
RT: 17.262 min Scan# 1434
Delta R.T. 0.000 min
Lab File: BN017553.D
Acq: 22 Nov 2021 20:10

Tgt Ion:	178	Resp:	11533
Ion Ratio	Lower	Upper	
178	100		
176	16.6	15.0	22.6
179	26.7	12.3	18.5

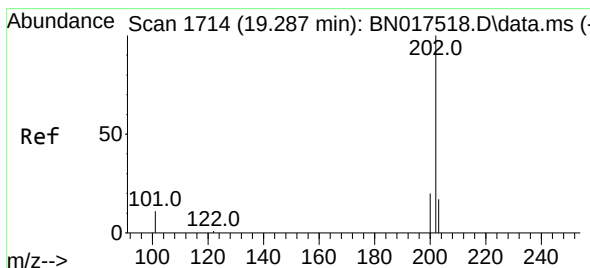
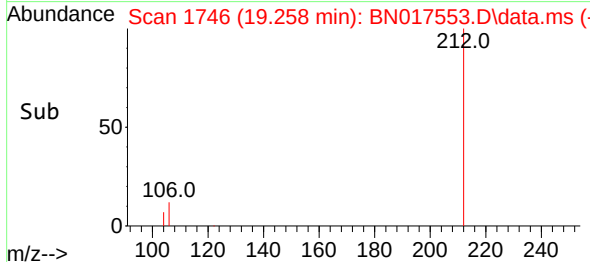
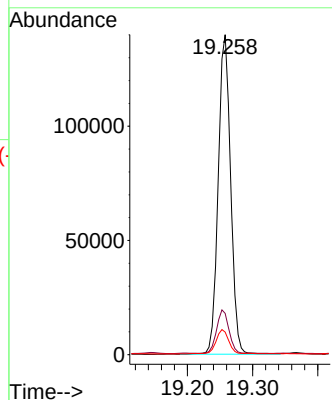
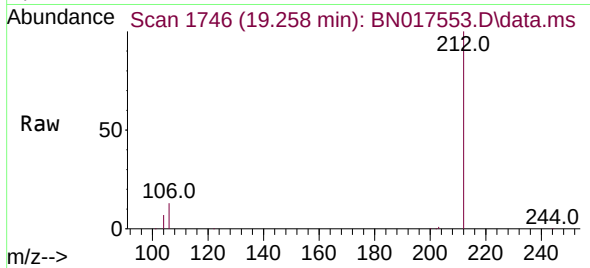




#27
Fluoranthene-d10
Concen: 0.427 ng
RT: 19.258 min Scan# 1752
Delta R.T. -0.000 min
Lab File: BN017553.D
Acq: 22 Nov 2021 20:10

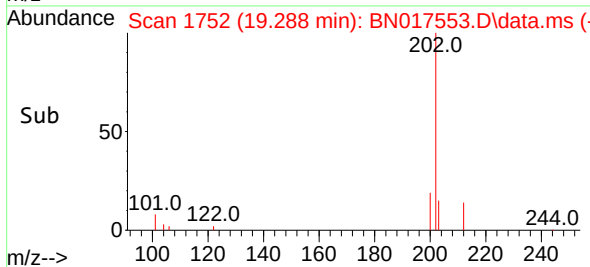
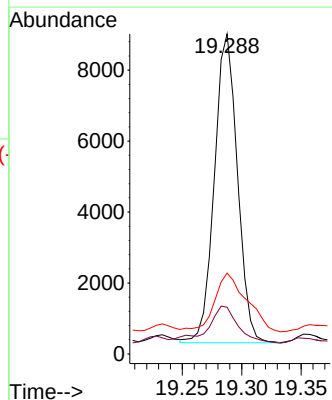
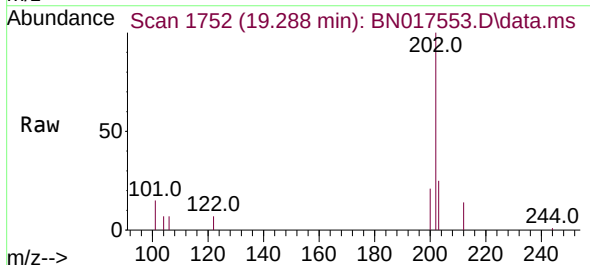
Instrument :
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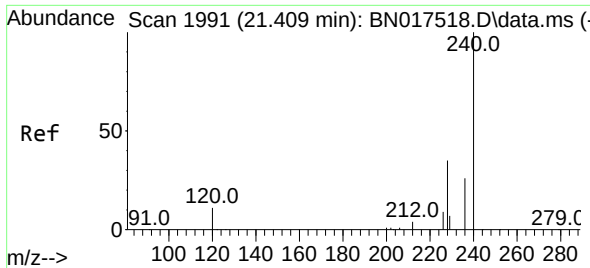
Tgt Ion:212 Resp: 185498
Ion Ratio Lower Upper
212 100
106 13.6 10.5 15.7
104 7.9 5.8 8.6



#28
Fluoranthene
Concen: 0.027 ng
RT: 19.288 min Scan# 1752
Delta R.T. 0.001 min
Lab File: BN017553.D
Acq: 22 Nov 2021 20:10

Tgt Ion:202 Resp: 11708
Ion Ratio Lower Upper
202 100
101 16.0 8.9 13.3#
203 26.5 13.8 20.6#

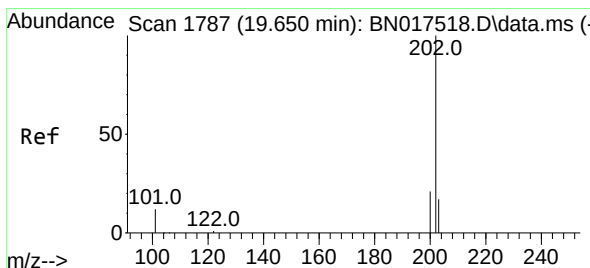
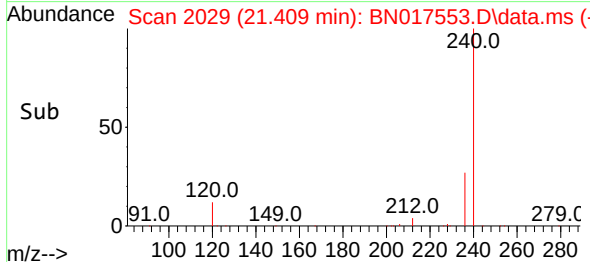
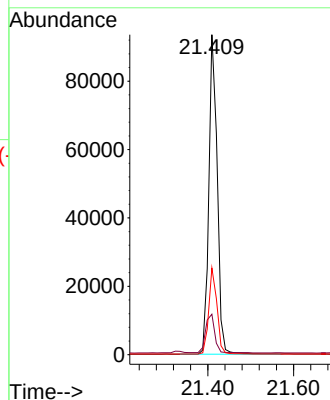
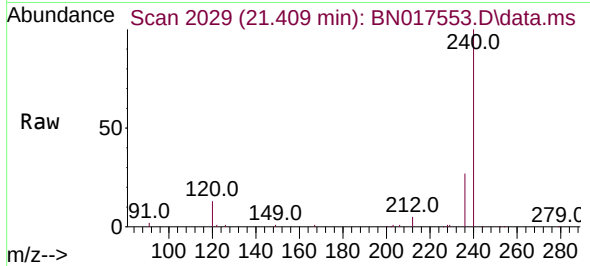




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.409 min Scan# 20
Delta R.T. 0.000 min
Lab File: BN017553.D
Acq: 22 Nov 2021 20:10

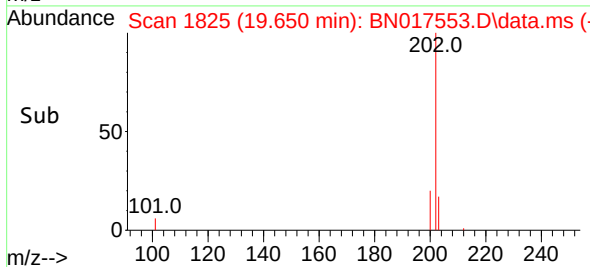
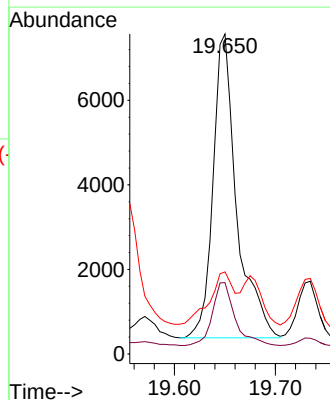
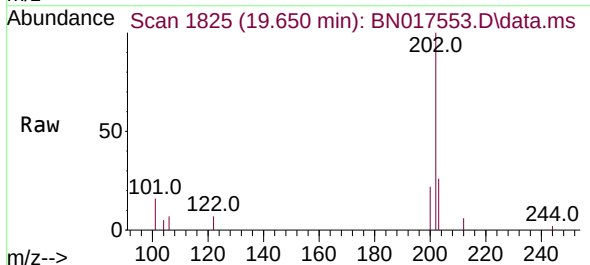
Instrument :
BNA_N
ClientSampleId :
GWBR3D-B-320-341-111921

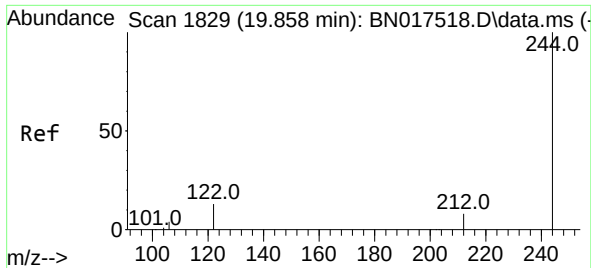
Tgt Ion:240 Resp: 126418
Ion Ratio Lower Upper
240 100
120 12.6 4.2 6.2#
236 27.1 20.0 30.0



#30
Pyrene
Concen: 0.027 ng
RT: 19.650 min Scan# 1825
Delta R.T. 0.000 min
Lab File: BN017553.D
Acq: 22 Nov 2021 20:10

Tgt Ion:202 Resp: 11746
Ion Ratio Lower Upper
202 100
200 19.8 16.5 24.7
203 17.0 14.0 21.0

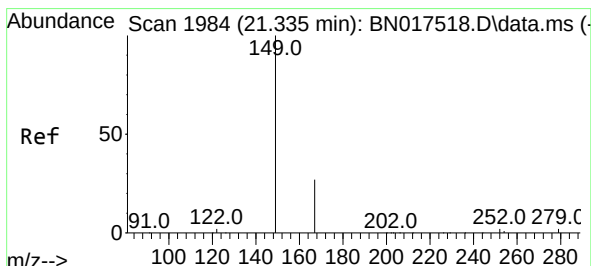
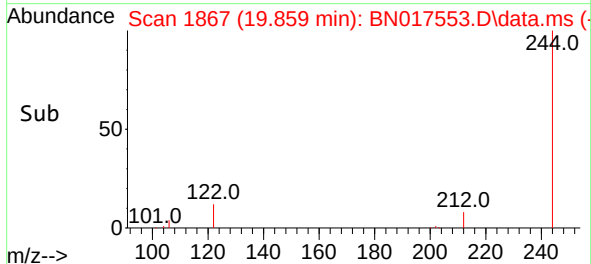
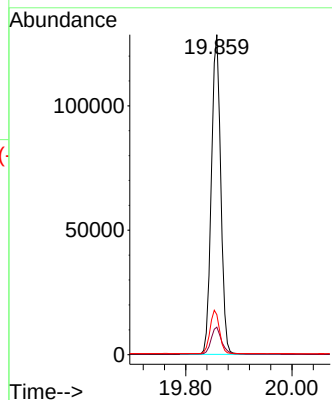
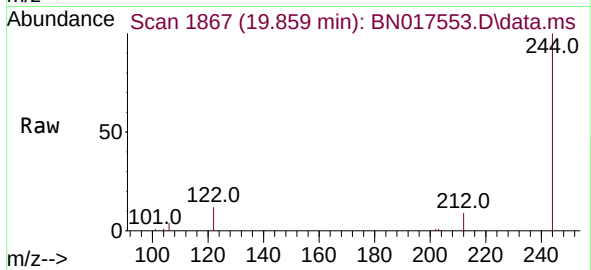




#31
 Terphenyl-d14
 Concen: 0.566 ng
 RT: 19.859 min Scan# 1829
 Delta R.T. 0.001 min
 Lab File: BN017553.D
 Acq: 22 Nov 2021 20:10

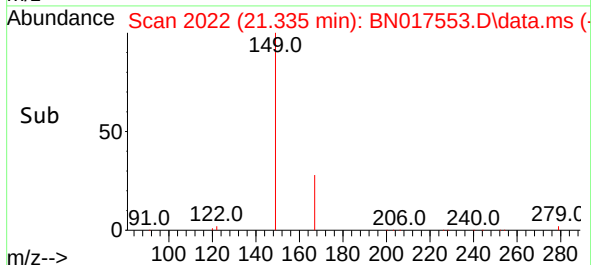
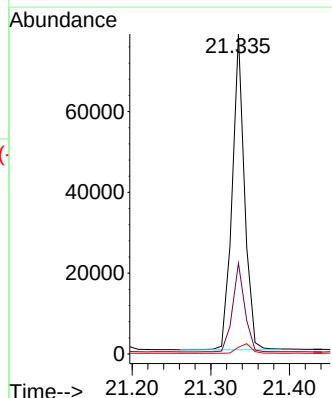
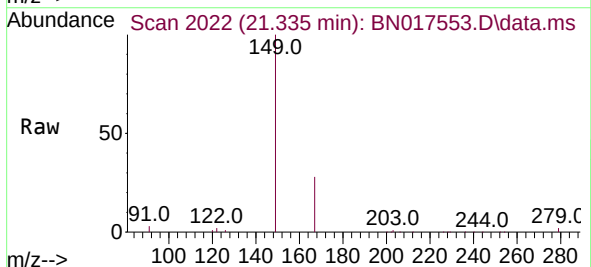
Instrument :
 BNA_N
 ClientSampleId :
 GWBR3D-B-320-341-111921

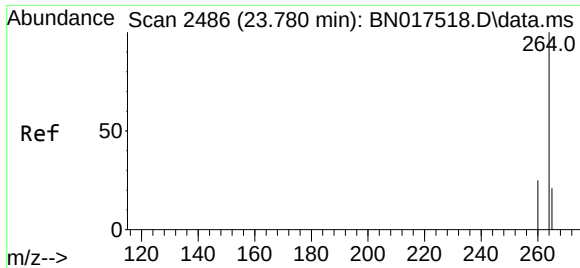
Tgt Ion:244 Resp: 157133
 Ion Ratio Lower Upper
 244 100
 212 8.6 5.7 8.5#
 122 12.5 8.6 13.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.502 ng
 RT: 21.335 min Scan# 2022
 Delta R.T. 0.000 min
 Lab File: BN017553.D
 Acq: 22 Nov 2021 20:10

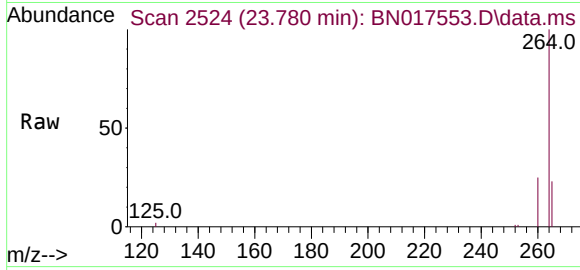
Tgt Ion:149 Resp: 84622
 Ion Ratio Lower Upper
 149 100
 167 27.7 21.8 32.6
 279 3.3 3.4 5.0#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.780 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN017553.D
 Acq: 22 Nov 2021 20:10

Instrument :
 BNA_N
 ClientSampleId :
 GWBR3D-B-320-341-111921



Tgt Ion:264 Resp: 103730

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.4	29.2
265	23.5	18.6	28.0

