

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111921\
 Data File : BN017526.D
 Acq On : 19 Nov 2021 16:52
 Operator : CG/JU
 Sample : M4740-12
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWBR3D-B-290-311-111721-FD

Quant Time: Nov 19 17:22:08 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)

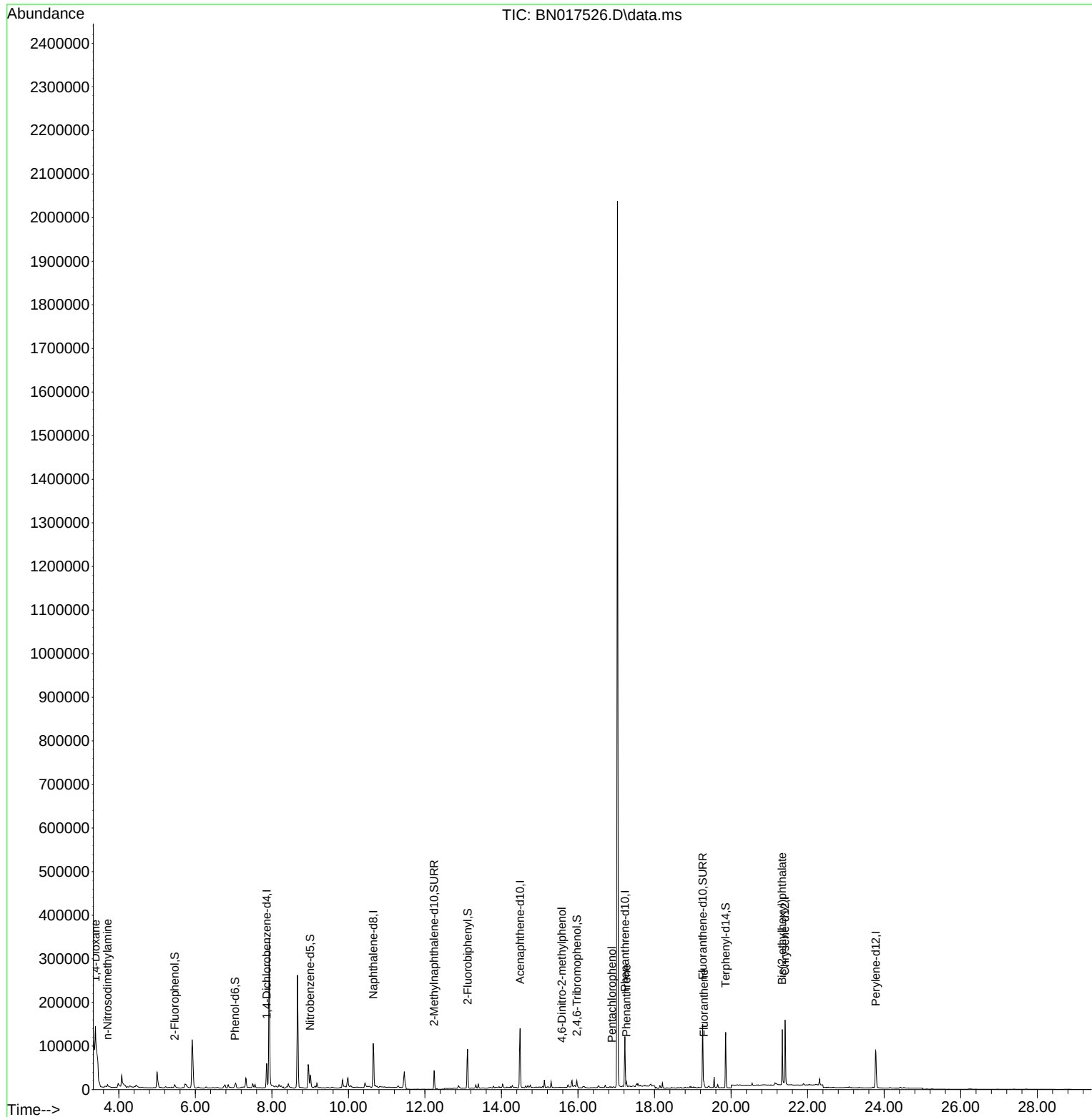
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.865	152	30452	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	140139	0.400	ng	#-0.01
13) Acenaphthene-d10	14.485	164	77743	0.400	ng	0.00
19) Phenanthrene-d10	17.225	188	146594	0.400	ng	# 0.00
29) Chrysene-d12	21.409	240	137189	0.400	ng	# 0.00
35) Perylene-d12	23.780	264	121614	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.458	112	7961	0.105	ng	0.00
5) Phenol-d6	7.035	99	5520	0.065	ng	0.00
8) Nitrobenzene-d5	9.001	82	26855	0.291	ng	-0.01
11) 2-Methylnaphthalene-d10	12.239	152	57071	0.244	ng	0.00
14) 2,4,6-Tribromophenol	15.970	330	10801	0.452	ng	0.00
15) 2-Fluorobiphenyl	13.115	172	77171	0.267	ng	0.00
27) Fluoranthene-d10	19.258	212	160364	0.356	ng	0.00
31) Terphenyl-d14	19.858	244	120767	0.401	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.393	88	45683	3.128	ng	99
3) n-Nitrosodimethylamine	3.706	42	1036	0.034	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.577	198	62	0.115	ng	# 1
24) Pentachlorophenol	16.885	266	600	0.215	ng	92
25) Phenanthrene	17.262	178	12791	0.031	ng	# 93
28) Fluoranthene	19.287	202	11229	0.025	ng	# 69
34) Bis(2-ethylhexyl)phtha...	21.335	149	108079	0.574	ng	99

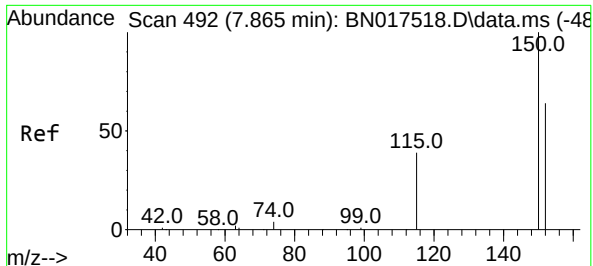
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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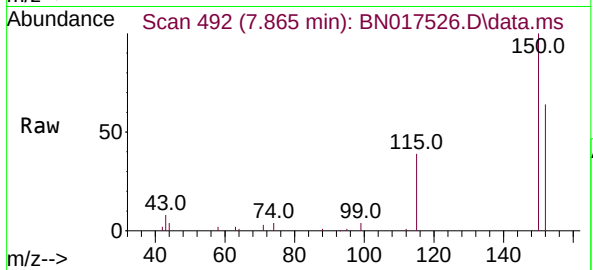
Quant Time: Nov 19 17:22:08 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN111921.M
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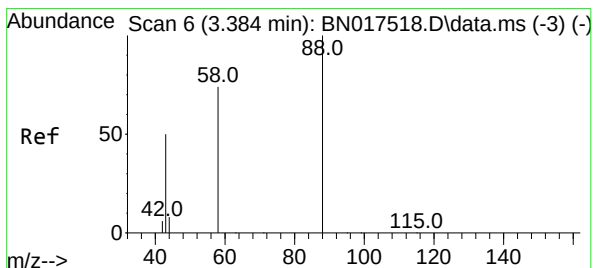
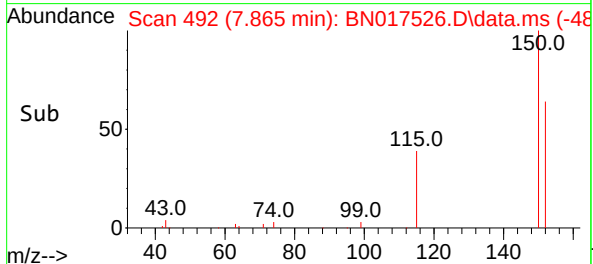
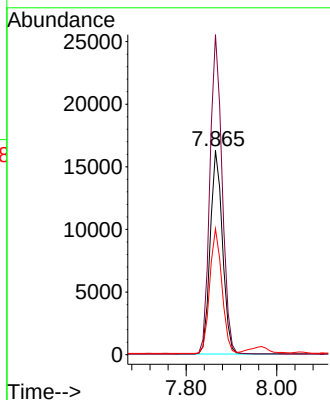


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.865 min Scan# 49
 Delta R.T. -0.000 min
 Lab File: BN017526.D
 Acq: 19 Nov 2021 16:52

Instrument :
 BNA_N
 ClientSampleId :
 GWBR3D-B-290-311-111721-FD

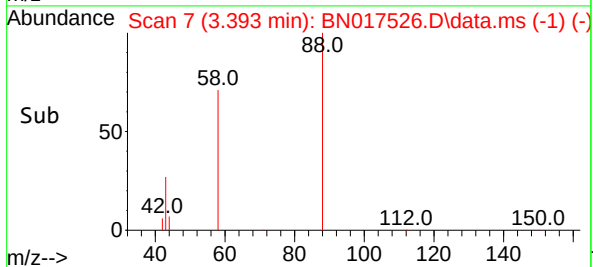
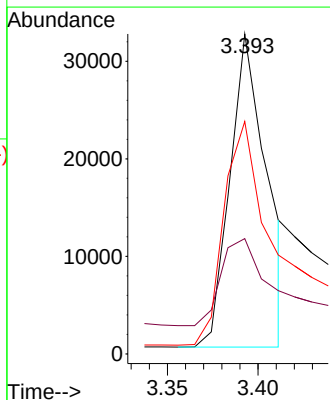
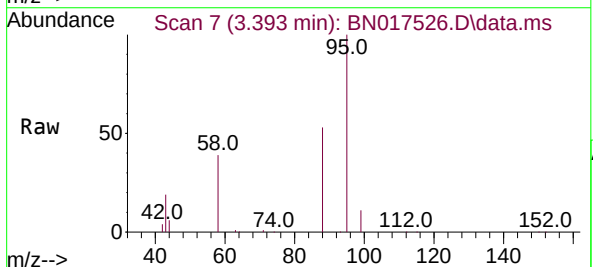


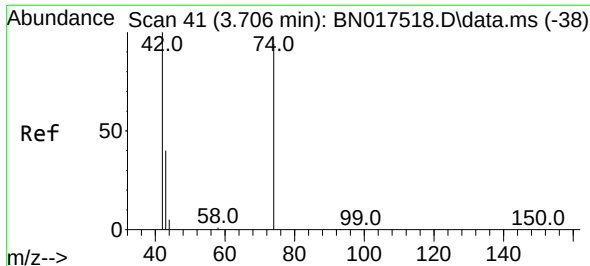
Tgt Ion:152 Resp: 30452
 Ion Ratio Lower Upper
 152 100
 150 156.7 123.0 184.4
 115 61.7 45.6 68.4



#2
 1,4-Dioxane
 Concen: 3.128 ng
 RT: 3.393 min Scan# 7
 Delta R.T. 0.009 min
 Lab File: BN017526.D
 Acq: 19 Nov 2021 16:52

Tgt Ion: 88 Resp: 45683
 Ion Ratio Lower Upper
 88 100
 43 32.6 24.7 37.1
 58 78.8 63.0 94.6

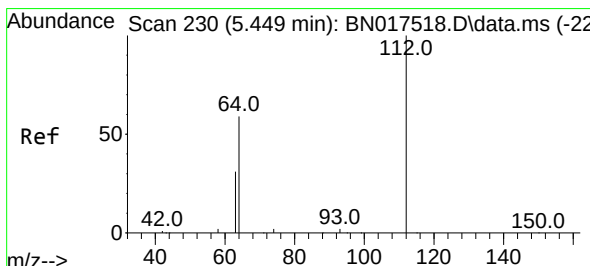
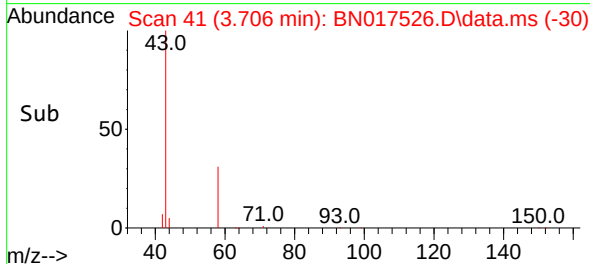
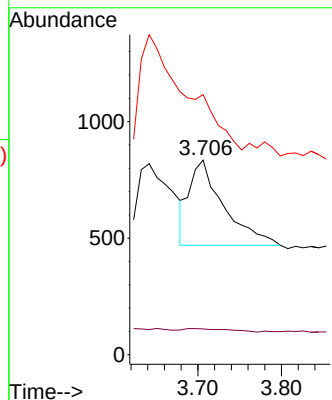
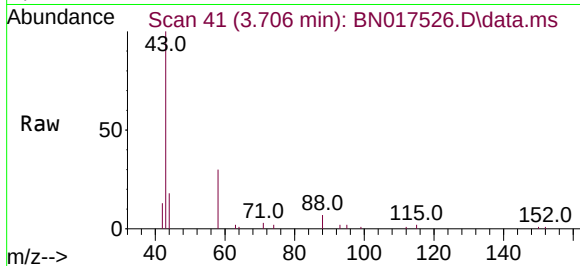




#3
n-Nitrosodimethylamine
Concen: 0.034 ng
RT: 3.706 min Scan# 41
Delta R.T. 0.000 min
Lab File: BN017526.D
Acq: 19 Nov 2021 16:52

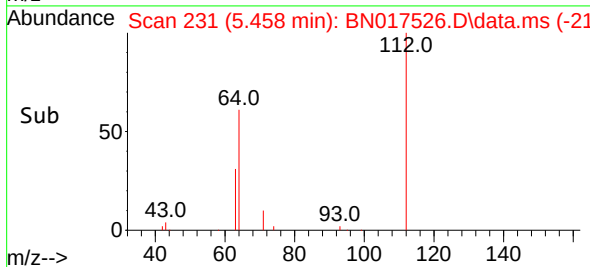
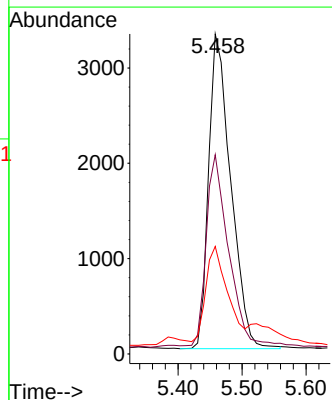
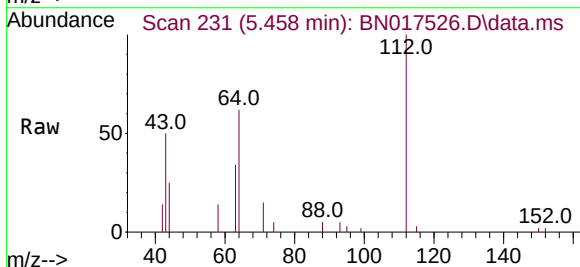
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ClientSampleId :
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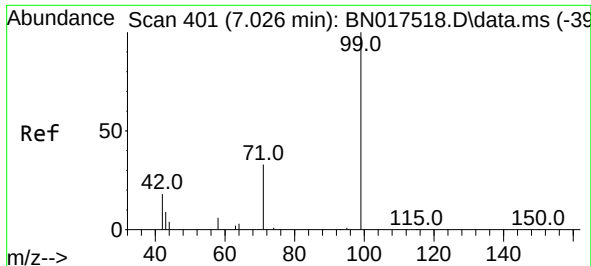
Tgt Ion: 42 Resp: 1036
Ion Ratio Lower Upper
42 100
74 5.6 97.8 146.6#
44 0.0 5.5 8.3#



#4
2-Fluorophenol
Concen: 0.105 ng
RT: 5.458 min Scan# 231
Delta R.T. 0.009 min
Lab File: BN017526.D
Acq: 19 Nov 2021 16:52

Tgt Ion: 112 Resp: 7961
Ion Ratio Lower Upper
112 100
64 60.4 47.6 71.4
63 29.5 24.6 37.0

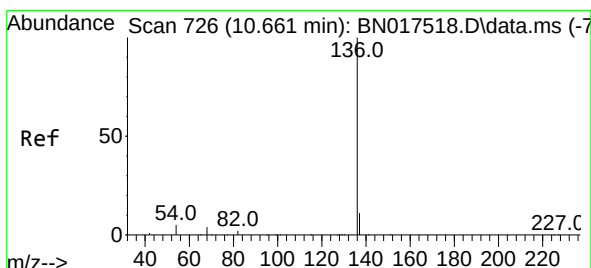
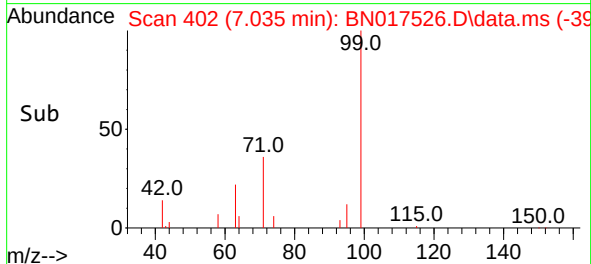
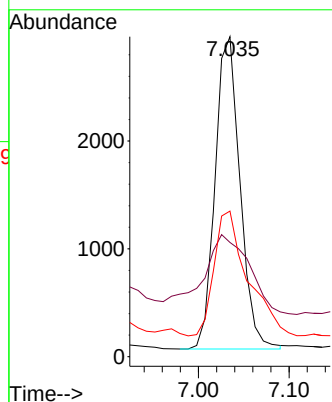
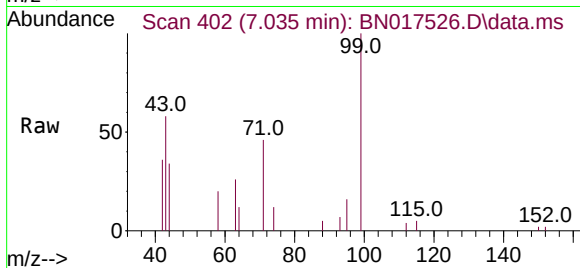




#5
Phenol-d6
Concen: 0.065 ng
RT: 7.035 min Scan# 401
Delta R.T. 0.009 min
Lab File: BN017526.D
Acq: 19 Nov 2021 16:52

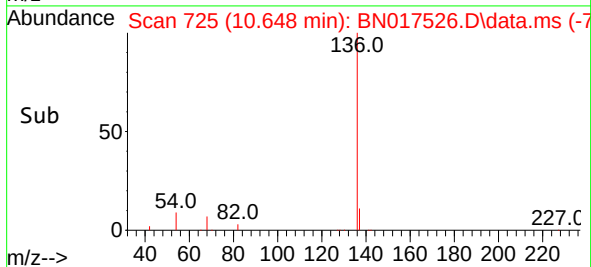
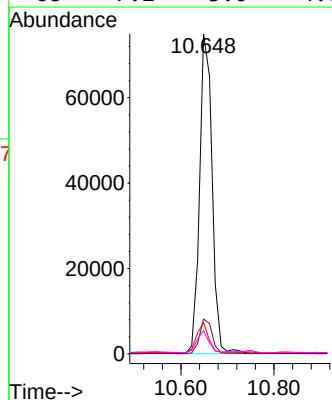
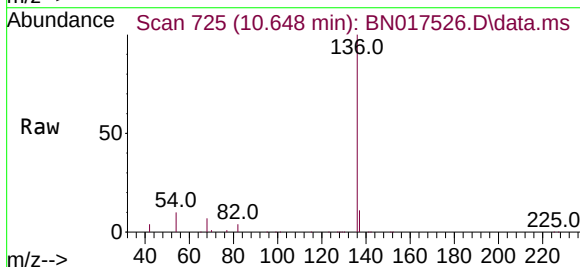
Instrument :
BNA_N
ClientSampleId :
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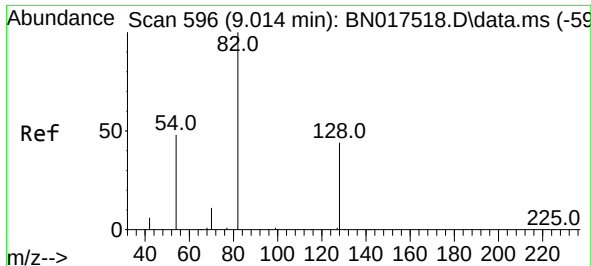
Tgt Ion: 99 Resp: 5520
Ion Ratio Lower Upper
99 100
42 45.5 17.0 25.6#
71 53.8 24.8 37.2#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 725
Delta R.T. -0.013 min
Lab File: BN017526.D
Acq: 19 Nov 2021 16:52

Tgt Ion: 136 Resp: 140139
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 9.7 4.0 6.0#
68 7.2 3.0 4.6#

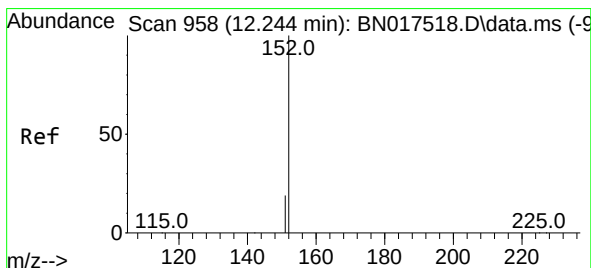
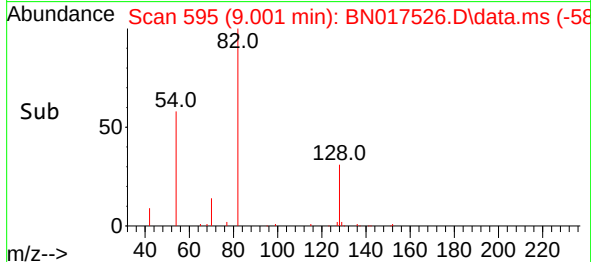
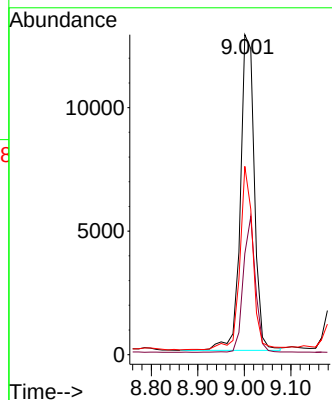
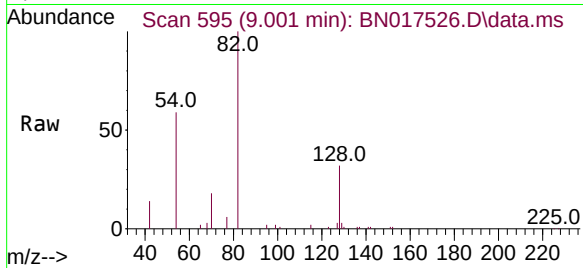




#8
Nitrobenzene-d5
Concen: 0.291 ng
RT: 9.001 min Scan# 596
Delta R.T. -0.013 min
Lab File: BN017526.D
Acq: 19 Nov 2021 16:52

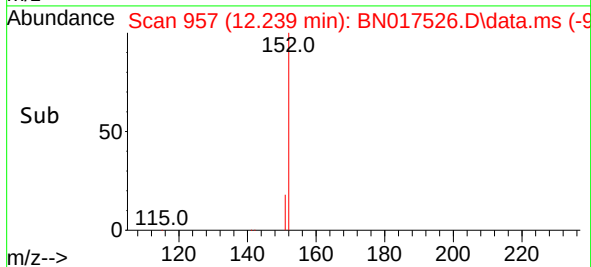
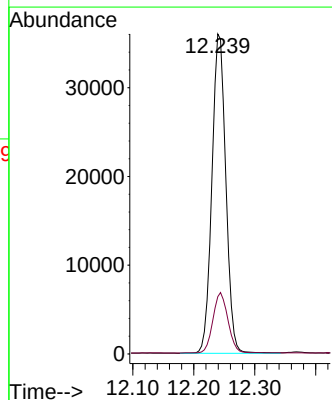
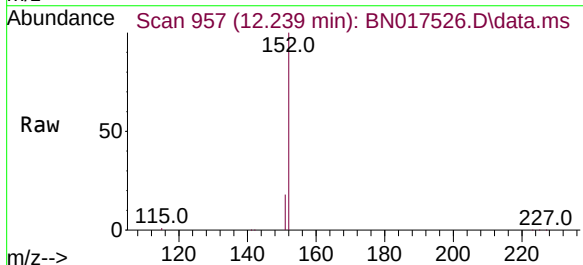
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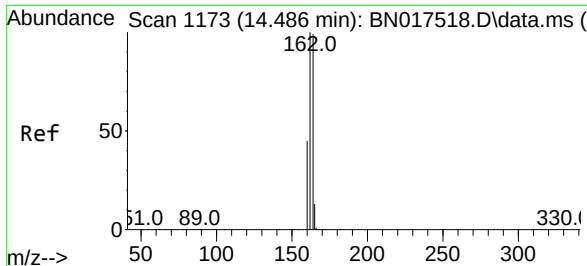
Tgt Ion: 82 Resp: 26855
Ion Ratio Lower Upper
82 100
128 31.6 27.7 41.5
54 58.8 49.2 73.8



#11
2-Methylnaphthalene-d10
Concen: 0.244 ng
RT: 12.239 min Scan# 957
Delta R.T. -0.005 min
Lab File: BN017526.D
Acq: 19 Nov 2021 16:52

Tgt Ion: 152 Resp: 57071
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4

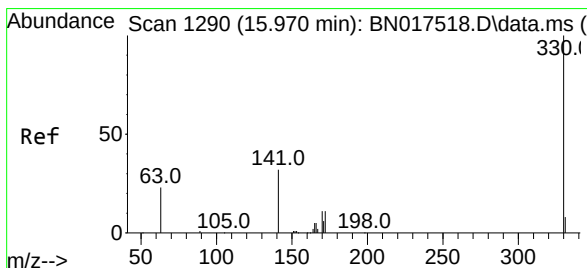
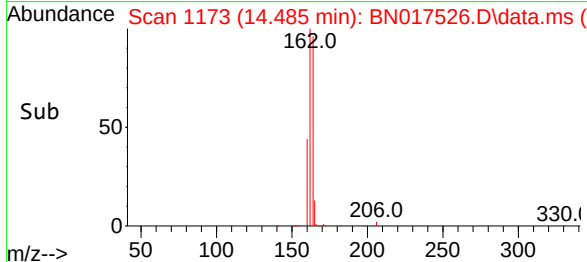
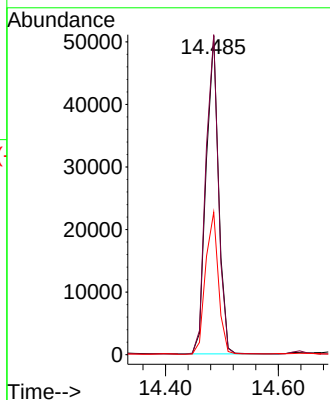
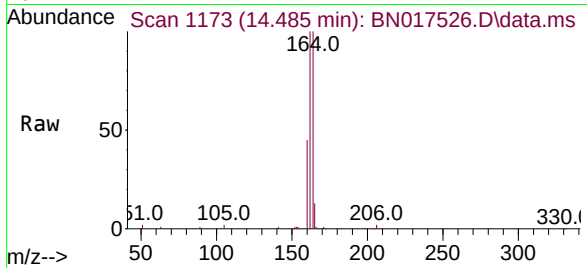




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.485 min Scan# 1173
Delta R.T. -0.001 min
Lab File: BN017526.D
Acq: 19 Nov 2021 16:52

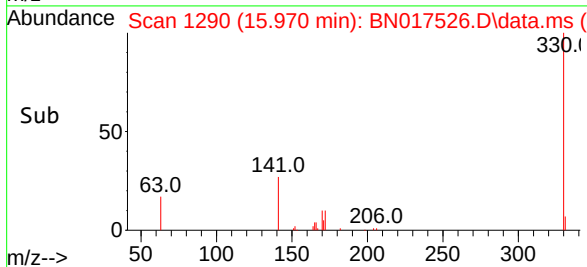
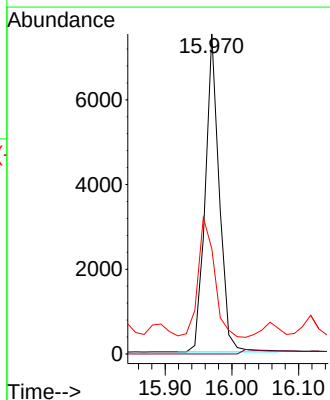
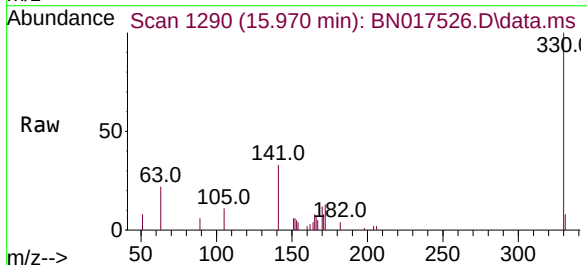
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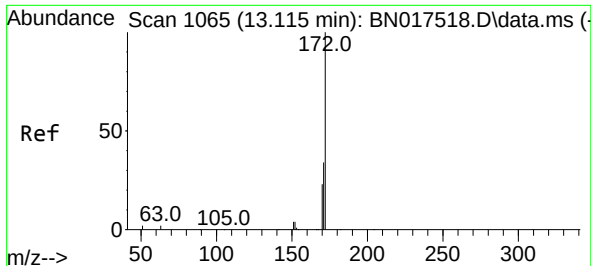
Tgt Ion:164 Resp: 77743
Ion Ratio Lower Upper
164 100
162 100.4 81.4 122.2
160 44.7 36.8 55.2



#14
2,4,6-Tribromophenol
Concen: 0.452 ng
RT: 15.970 min Scan# 1290
Delta R.T. -0.000 min
Lab File: BN017526.D
Acq: 19 Nov 2021 16:52

Tgt Ion:330 Resp: 10801
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 44.3 28.9 43.3#

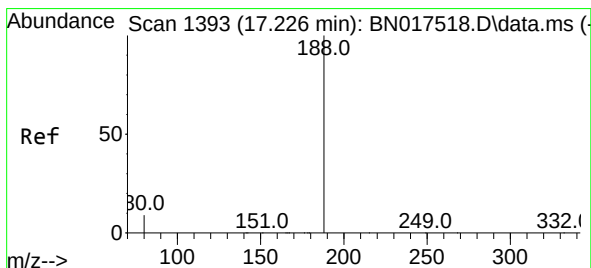
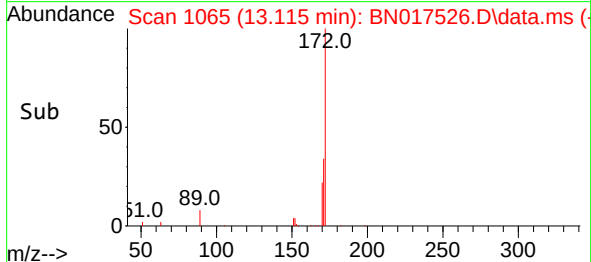
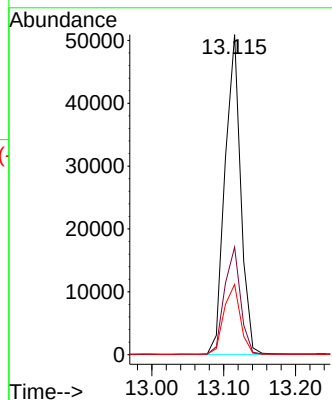
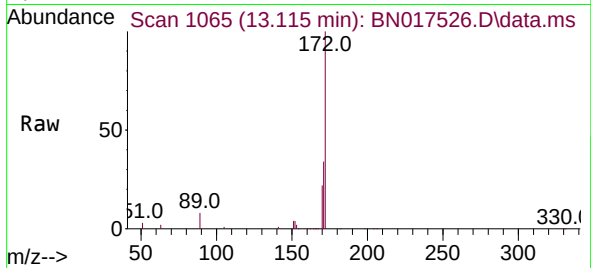




#15
2-Fluorobiphenyl
Concen: 0.267 ng
RT: 13.115 min Scan# 1065
Delta R.T. -0.000 min
Lab File: BN017526.D
Acq: 19 Nov 2021 16:52

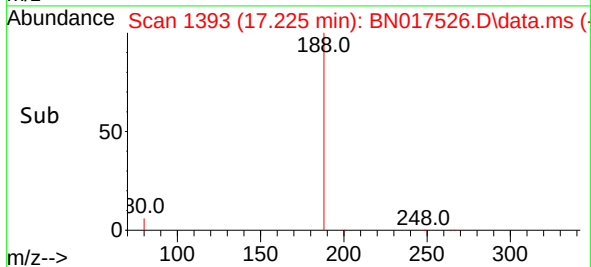
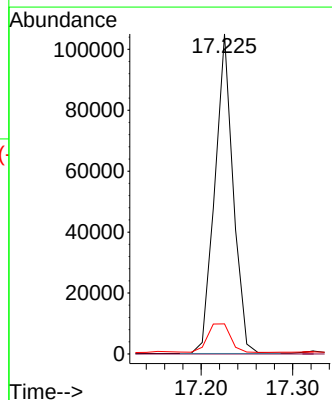
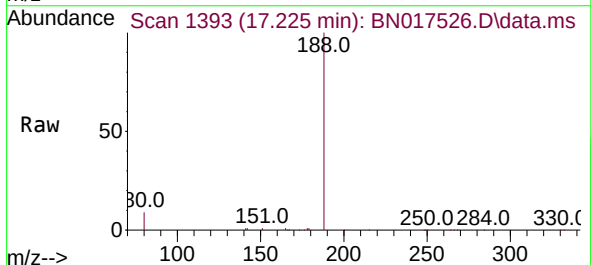
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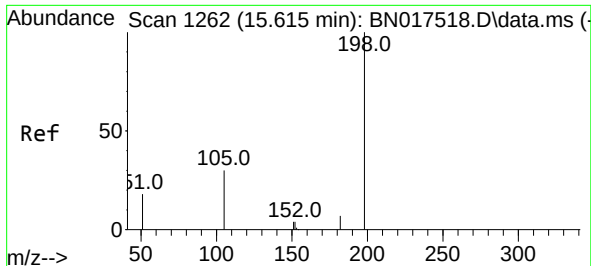
Tgt Ion:172 Resp: 77171
Ion Ratio Lower Upper
172 100
171 33.6 28.7 43.1
170 21.9 19.4 29.2



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.225 min Scan# 1393
Delta R.T. -0.001 min
Lab File: BN017526.D
Acq: 19 Nov 2021 16:52

Tgt Ion:188 Resp: 146594
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.4 6.1 9.1#

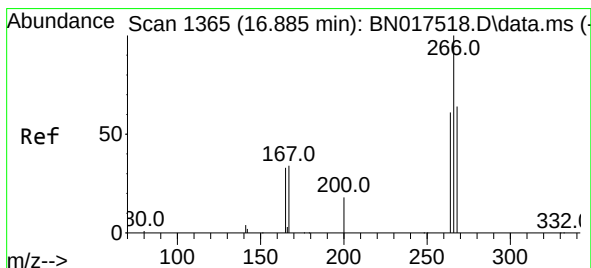
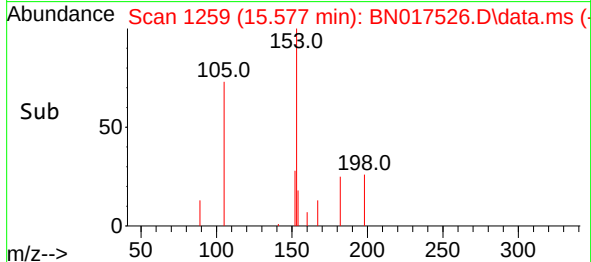
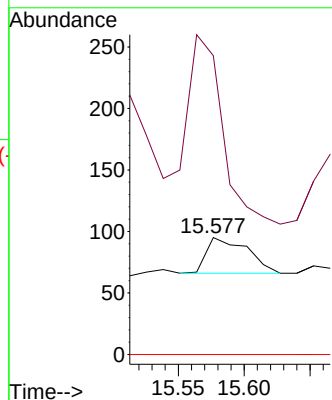
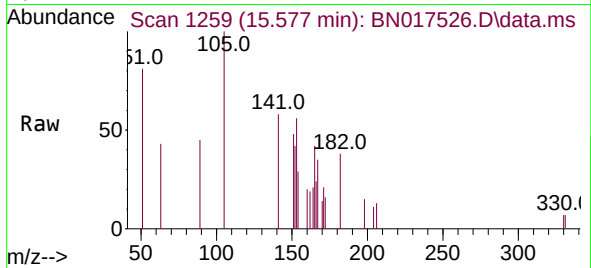




#20
4,6-Dinitro-2-methylphenol
Concen: 0.115 ng
RT: 15.577 min Scan# 1259
Delta R.T. -0.038 min
Lab File: BN017526.D
Acq: 19 Nov 2021 16:52

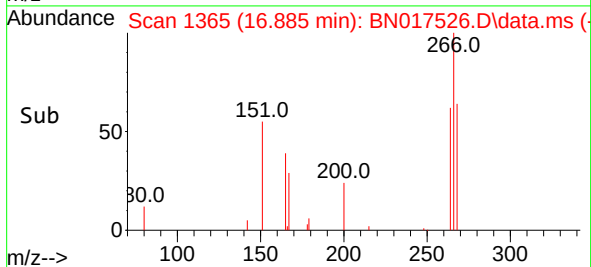
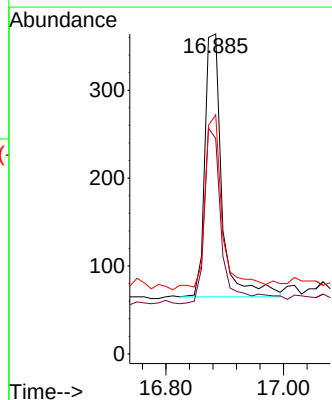
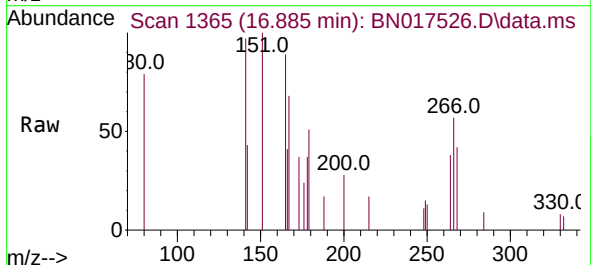
Instrument :
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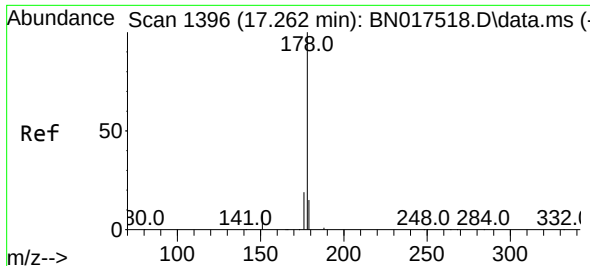
Tgt Ion:198 Resp: 62
Ion Ratio Lower Upper
198 100
182 255.8 11.4 17.2#
77 0.0 0.0 0.0



#24
Pentachlorophenol
Concen: 0.215 ng
RT: 16.885 min Scan# 1365
Delta R.T. -0.000 min
Lab File: BN017526.D
Acq: 19 Nov 2021 16:52

Tgt Ion:266 Resp: 600
Ion Ratio Lower Upper
266 100
264 71.0 49.8 74.8
268 68.2 51.3 76.9

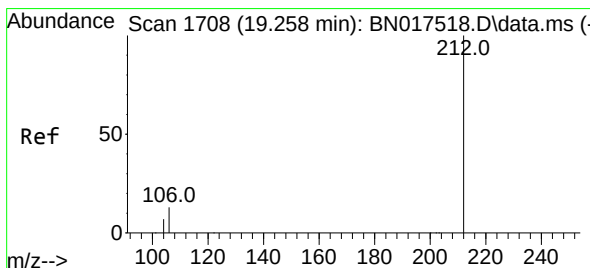
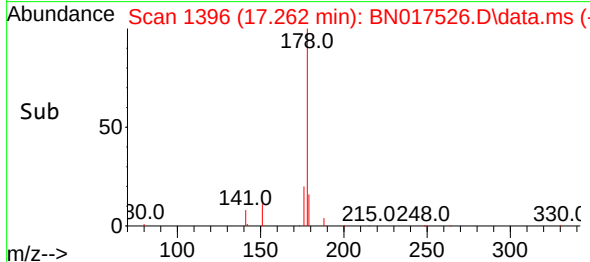
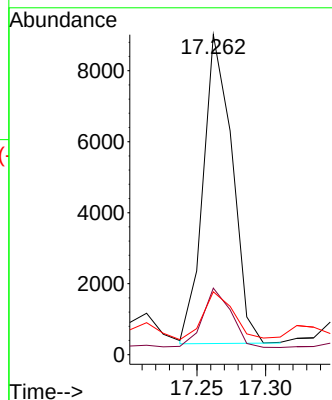
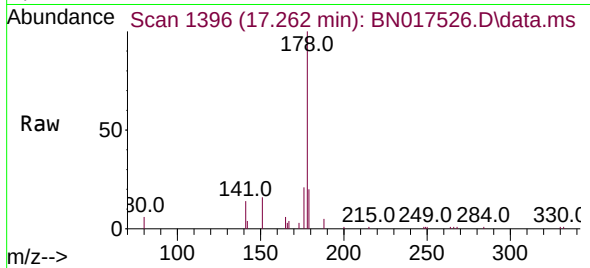




#25
Phenanthrene
Concen: 0.031 ng
RT: 17.262 min Scan# 1396
Delta R.T. -0.000 min
Lab File: BN017526.D
Acq: 19 Nov 2021 16:52

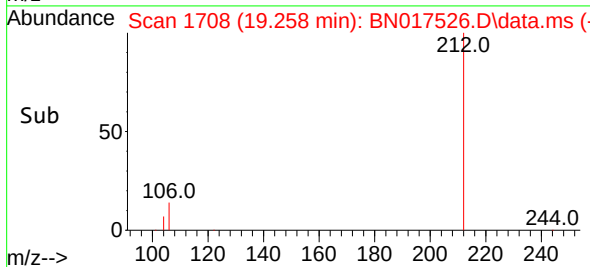
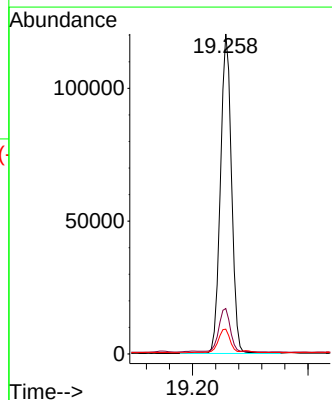
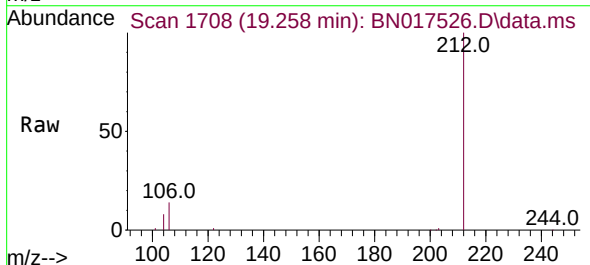
Instrument :
BNA_N
ClientSampleId :
GWBR3D-B-290-311-111721-FD

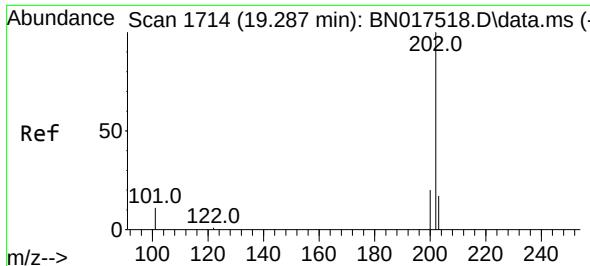
Tgt Ion:178 Resp: 12791
Ion Ratio Lower Upper
178 100
176 23.7 15.0 22.6#
179 15.9 12.3 18.5



#27
Fluoranthene-d10
Concen: 0.356 ng
RT: 19.258 min Scan# 1708
Delta R.T. -0.000 min
Lab File: BN017526.D
Acq: 19 Nov 2021 16:52

Tgt Ion:212 Resp: 160364
Ion Ratio Lower Upper
212 100
106 14.3 10.5 15.7
104 7.9 5.8 8.6

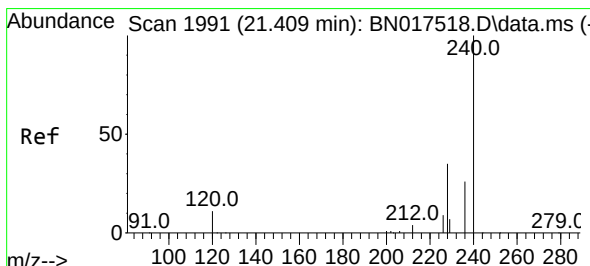
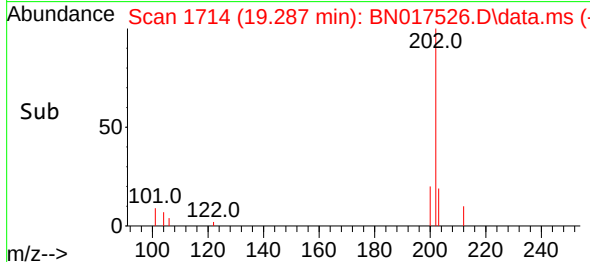
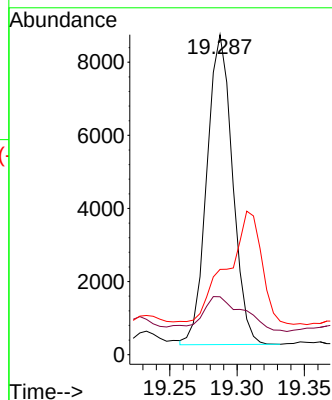
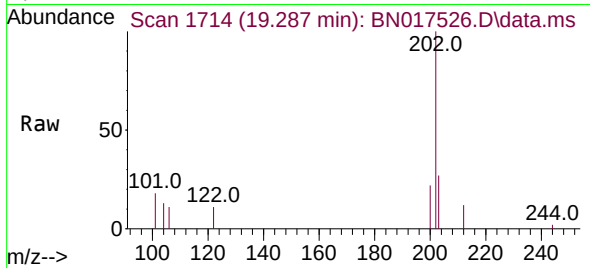




#28
Fluoranthene
Concen: 0.025 ng
RT: 19.287 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN017526.D
Acq: 19 Nov 2021 16:52

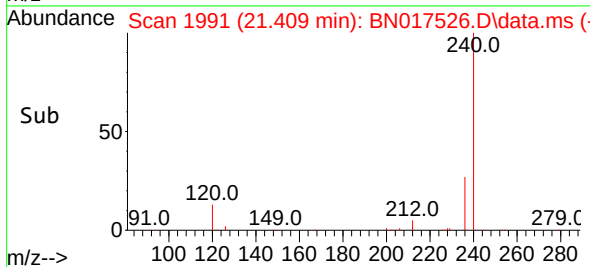
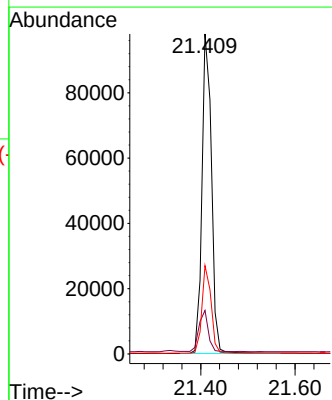
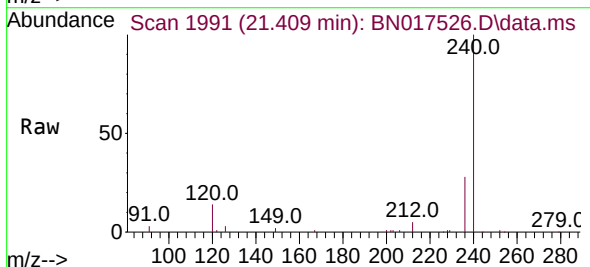
Instrument :
BNA_N
ClientSampleId :
GWBR3D-B-290-311-111721-FD

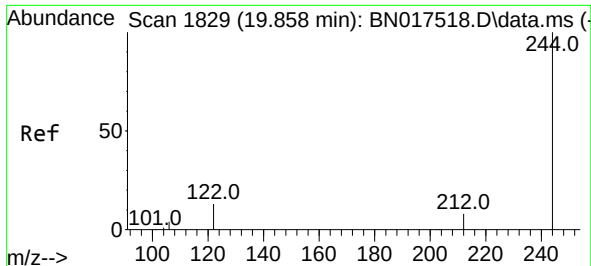
Tgt Ion:202 Resp: 11229
Ion Ratio Lower Upper
202 100
101 17.6 8.9 13.3#
203 0.0 13.8 20.6#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.409 min Scan# 1991
Delta R.T. -0.000 min
Lab File: BN017526.D
Acq: 19 Nov 2021 16:52

Tgt Ion:240 Resp: 137189
Ion Ratio Lower Upper
240 100
120 13.6 4.2 6.2#
236 27.6 20.0 30.0

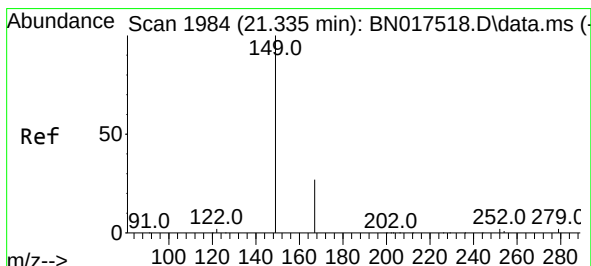
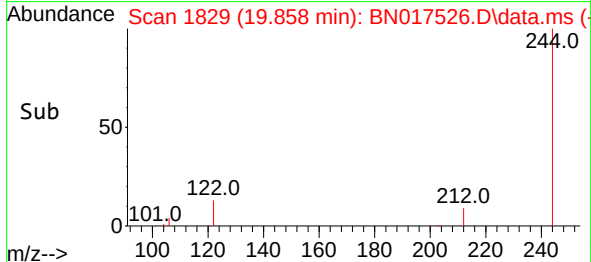
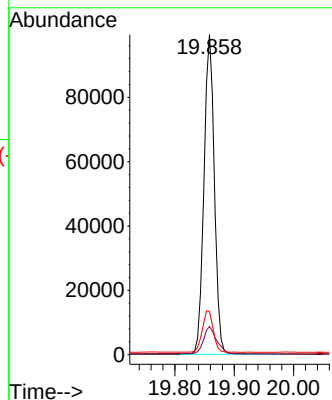
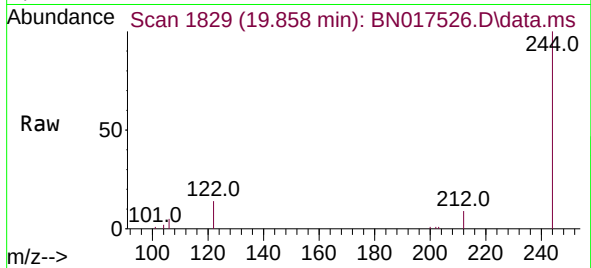




#31
 Terphenyl-d14
 Concen: 0.401 ng
 RT: 19.858 min Scan# 1829
 Delta R.T. 0.000 min
 Lab File: BN017526.D
 Acq: 19 Nov 2021 16:52

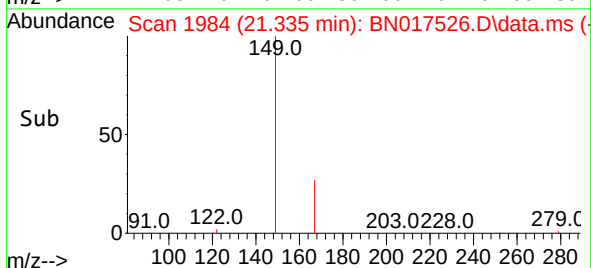
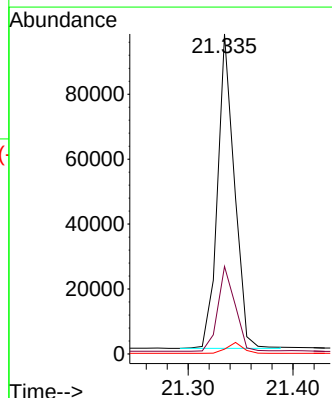
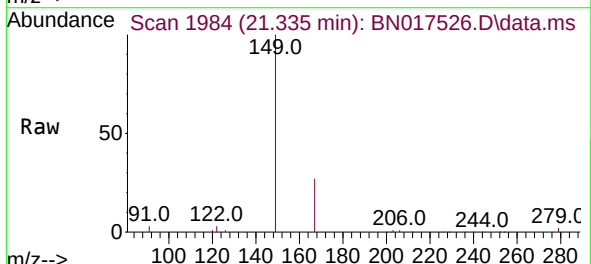
Instrument :
 BNA_N
 ClientSampleId :
 GWBR3D-B-290-311-111721-FD

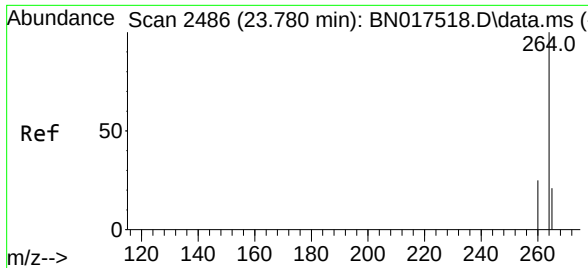
Tgt Ion:244 Resp: 120767
 Ion Ratio Lower Upper
 244 100
 212 8.8 5.7 8.5#
 122 13.6 8.6 13.0#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.574 ng
 RT: 21.335 min Scan# 1984
 Delta R.T. -0.000 min
 Lab File: BN017526.D
 Acq: 19 Nov 2021 16:52

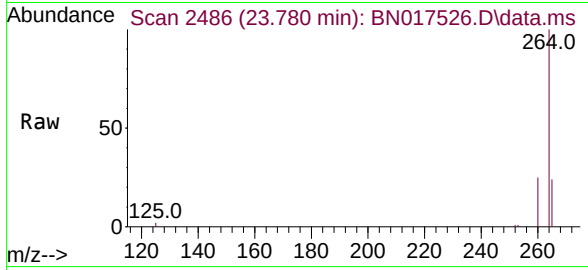
Tgt Ion:149 Resp: 108079
 Ion Ratio Lower Upper
 149 100
 167 27.6 21.8 32.6
 279 3.4 3.4 5.0





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.780 min Scan# 24
 Delta R.T. -0.000 min
 Lab File: BN017526.D
 Acq: 19 Nov 2021 16:52

Instrument :
 BNA_N
 ClientSampleId :
 GWBR3D-B-290-311-111721-FD



Tgt Ion:264 Resp: 121614

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.4	29.2
265	23.5	18.6	28.0

