

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
 Data File : BN016608.D
 Acq On : 30 Sep 2021 20:22
 Operator : CG/JU
 Sample : M3962-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 UNDERPASS

Quant Time: Oct 01 01:37:02 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 30 17:56:53 2021
 Response via : Initial Calibration

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

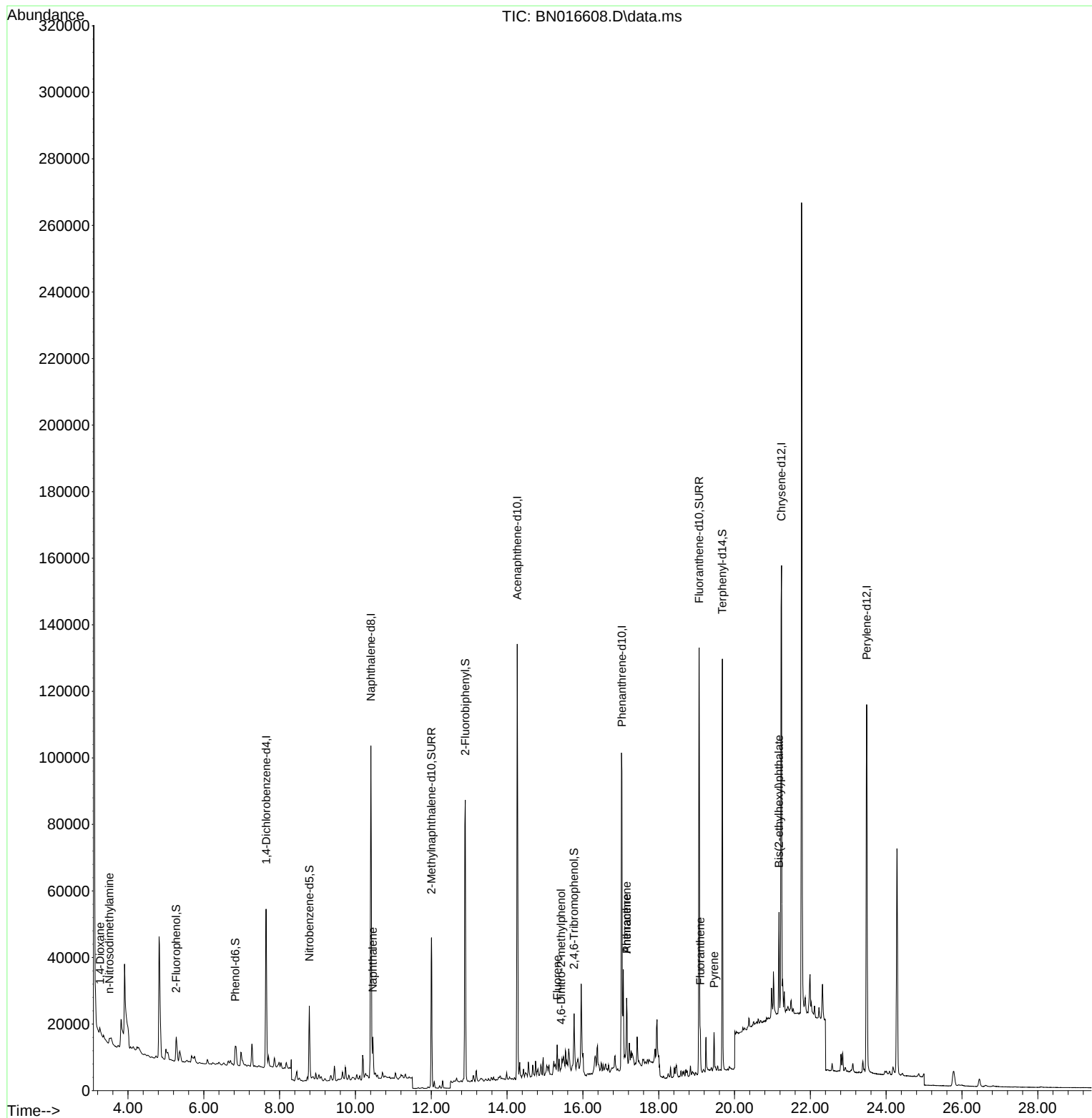
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	28705	0.400	ng	0.00
7) Naphthalene-d8	10.406	136	133696	0.400	ng	0.00
13) Acenaphthene-d10	14.268	164	73058	0.400	ng	0.00
19) Phenanthrene-d10	17.029	188	144024	0.400	ng	0.00
29) Chrysene-d12	21.238	240	137039	0.400	ng	0.00
35) Perylene-d12	23.484	264	145817	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.272	112	9438	0.129	ng	0.02
5) Phenol-d6	6.831	99	6129	0.077	ng	0.00
8) Nitrobenzene-d5	8.784	82	19224	0.221	ng	0.00
11) 2-Methylnaphthalene-d10	12.002	152	62639	0.317	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	11877	0.357	ng	0.00
15) 2-Fluorobiphenyl	12.898	172	83971	0.284	ng	0.00
27) Fluoranthene-d10	19.068	212	147196	0.384	ng	0.00
31) Terphenyl-d14	19.678	244	120104	0.403	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.262	88	1024	0.078	ng	# 74
3) n-Nitrosodimethylamine	3.511	42	1354	0.064	ng	# 1
9) Naphthalene	10.457	128	14401	0.040	ng	97
18) Fluorene	15.322	166	5240	0.021	ng	92
20) 4,6-Dinitro-2-methylph...	15.423	198	43	0.139	ng	# 1
25) Phenanthrene	17.151	178	23176	0.053	ng	99
26) Anthracene	17.151	178	23176	0.062	ng	99
28) Fluoranthene	19.097	202	10162	0.022	ng	96
30) Pyrene	19.460	202	11135	0.025	ng	99
34) Bis(2-ethylhexyl)phtha...	21.174	149	28779	0.172	ng	# 99

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

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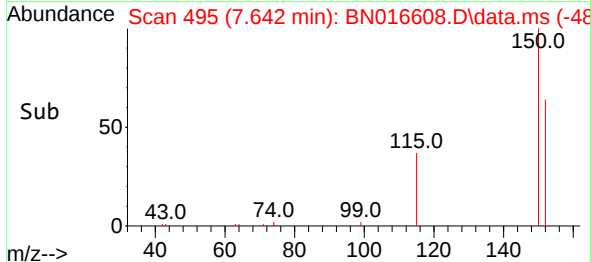
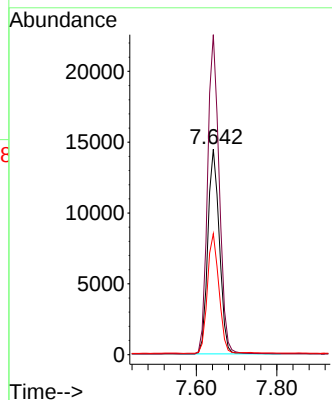
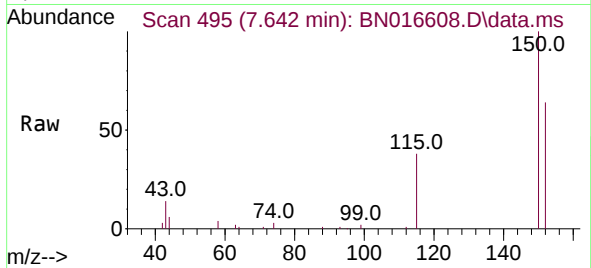




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.642 min Scan# 495
 Delta R.T. 0.000 min
 Lab File: BN016608.D
 Acq: 30 Sep 2021 20:22

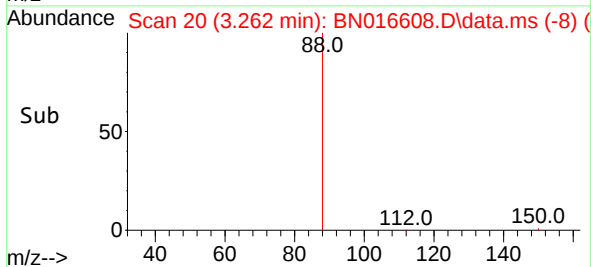
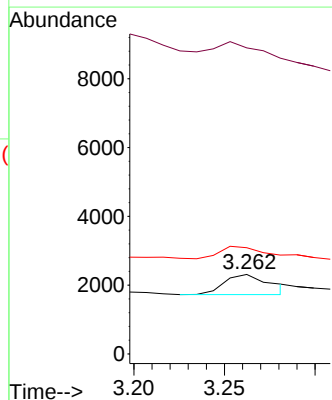
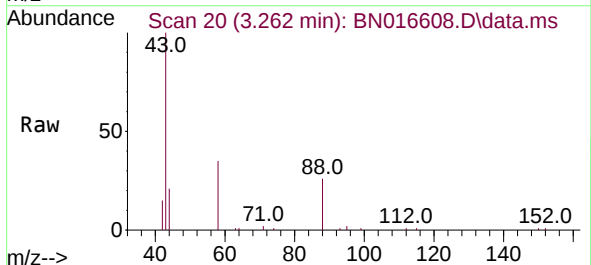
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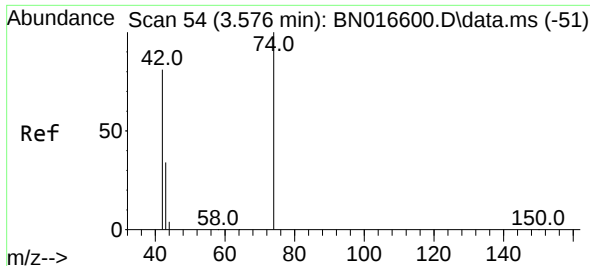
Tgt Ion:152 Resp: 28705
 Ion Ratio Lower Upper
 152 100
 150 155.7 124.6 186.8
 115 58.9 46.5 69.7



#2
 1,4-Dioxane
 Concen: 0.078 ng
 RT: 3.262 min Scan# 20
 Delta R.T. 0.009 min
 Lab File: BN016608.D
 Acq: 30 Sep 2021 20:22

Tgt Ion: 88 Resp: 1024
 Ion Ratio Lower Upper
 88 100
 43 68.3 37.8 56.8#
 58 57.6 61.3 91.9#

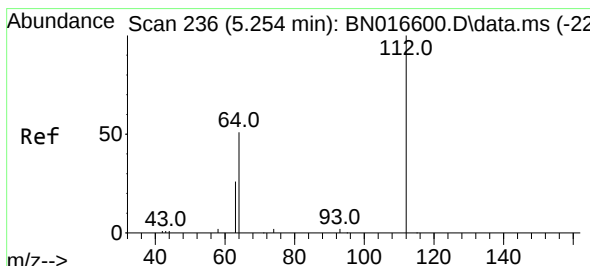
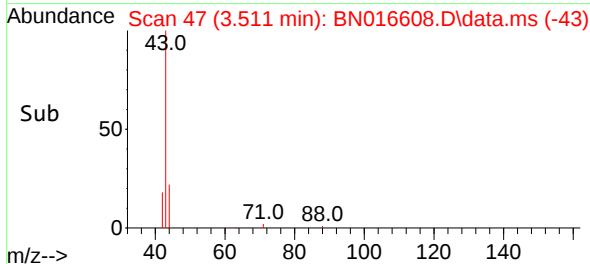
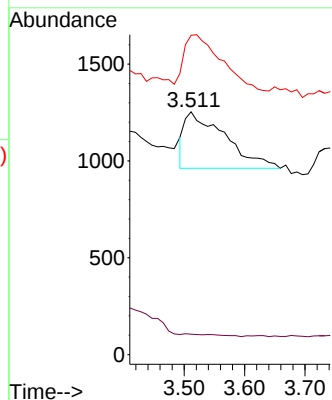
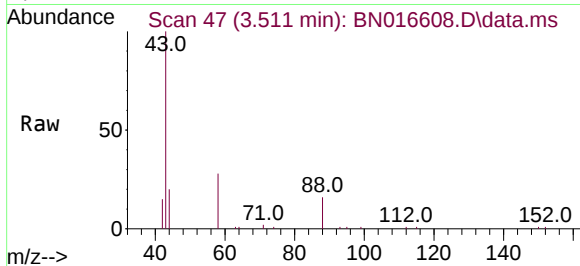




#3
n-Nitrosodimethylamine
Concen: 0.064 ng
RT: 3.511 min Scan# 47
Delta R.T. -0.065 min
Lab File: BN016608.D
Acq: 30 Sep 2021 20:22

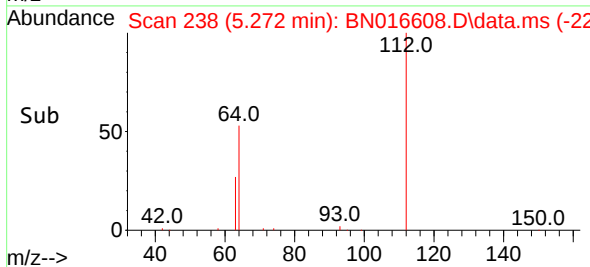
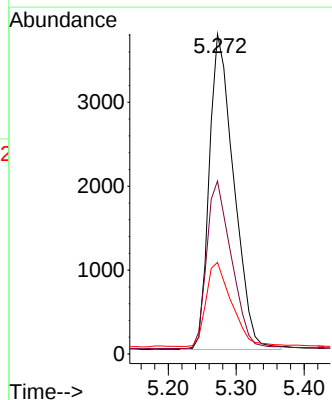
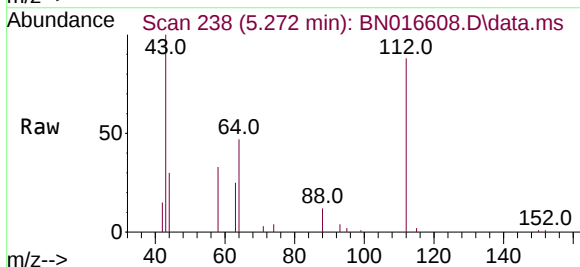
Instrument :
BNA_N
ClientSampleId :
UNDERPASS

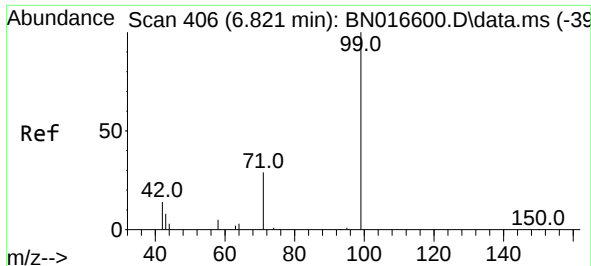
Tgt Ion: 42 Resp: 1354
Ion Ratio Lower Upper
42 100
74 0.0 121.6 182.4#
44 88.9 6.3 9.5#



#4
2-Fluorophenol
Concen: 0.129 ng
RT: 5.272 min Scan# 238
Delta R.T. 0.018 min
Lab File: BN016608.D
Acq: 30 Sep 2021 20:22

Tgt Ion: 112 Resp: 9438
Ion Ratio Lower Upper
112 100
64 53.7 43.1 64.7
63 27.7 21.6 32.4

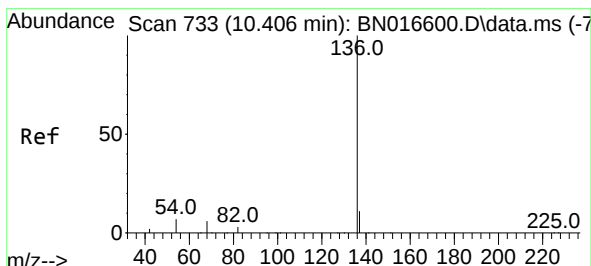
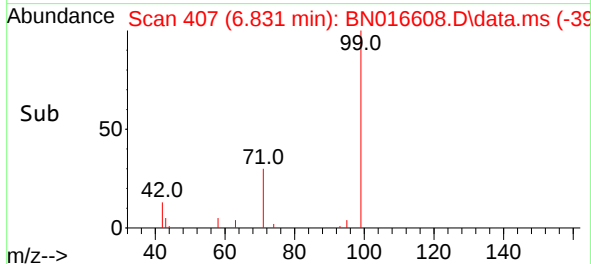
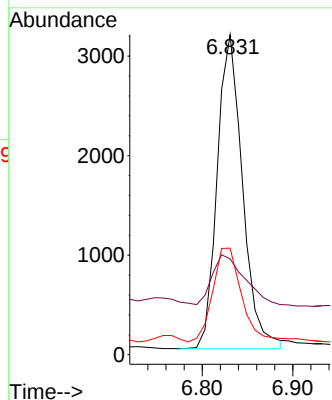
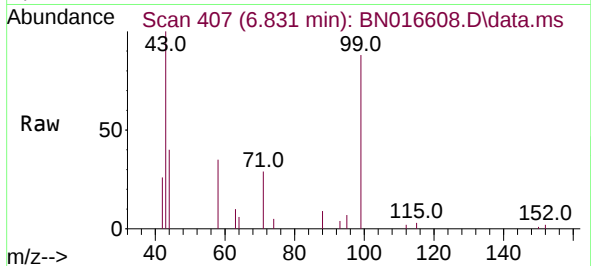




#5
Phenol-d6
Concen: 0.077 ng
RT: 6.831 min Scan# 407
Delta R.T. 0.009 min
Lab File: BN016608.D
Acq: 30 Sep 2021 20:22

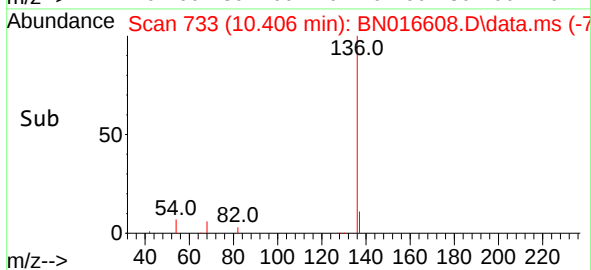
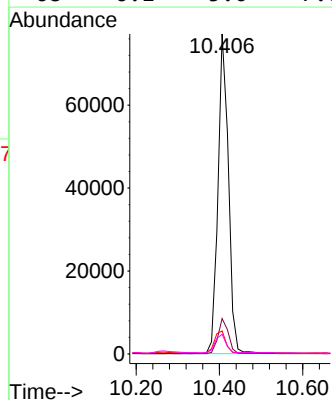
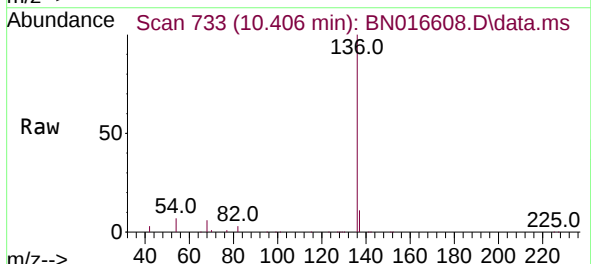
Instrument :
BNA_N
ClientSampleId :
UNDERPASS

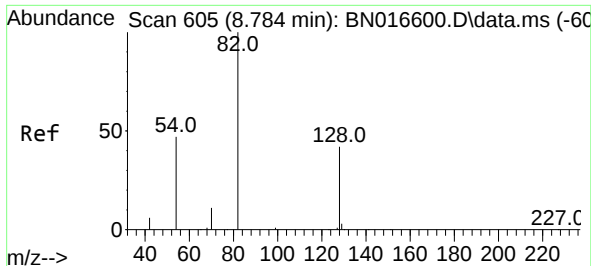
Tgt Ion: 99 Resp: 6129
Ion Ratio Lower Upper
99 100
42 19.8 13.0 19.6#
71 33.9 23.5 35.3



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.406 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016608.D
Acq: 30 Sep 2021 20:22

Tgt Ion: 136 Resp: 133696
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 7.2 5.9 8.9
68 6.1 5.0 7.6

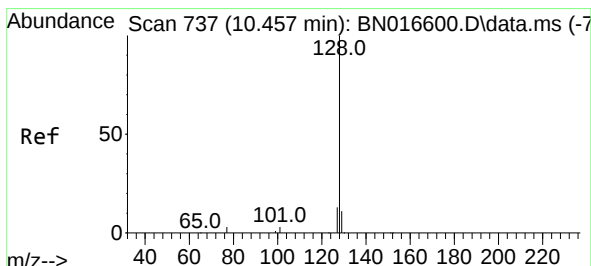
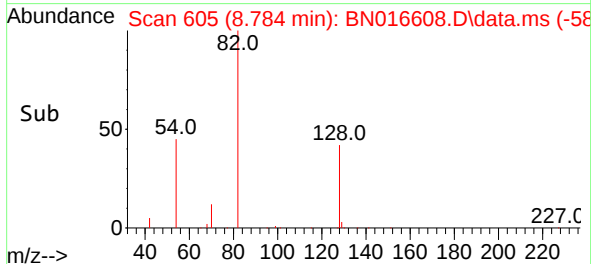
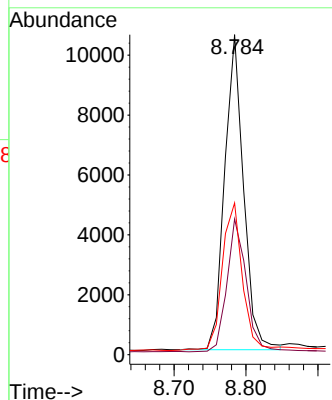
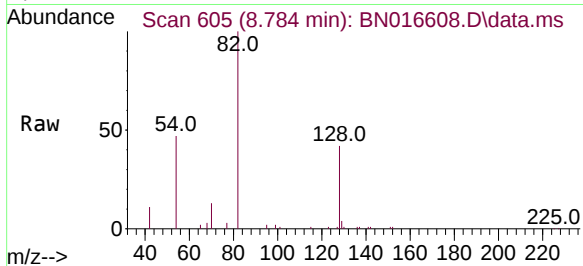




#8
Nitrobenzene-d5
Concen: 0.221 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN016608.D
Acq: 30 Sep 2021 20:22

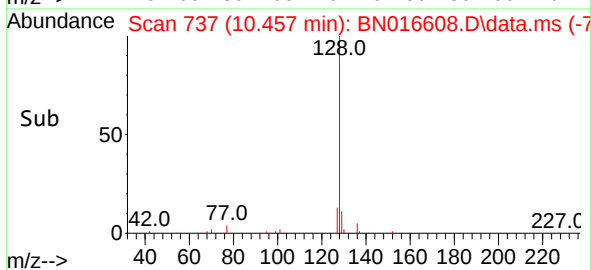
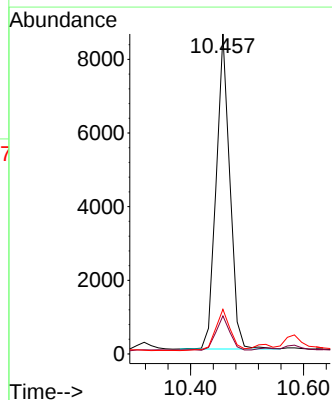
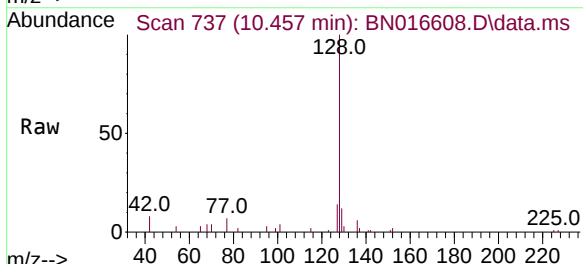
Instrument :
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ClientSampleId :
UNDERPASS

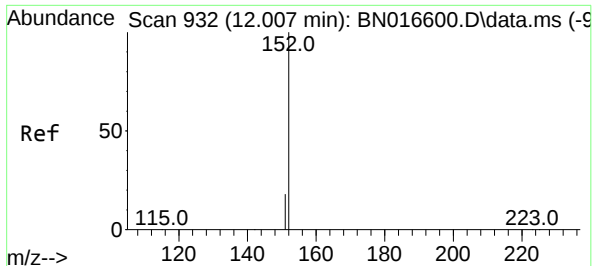
Tgt Ion: 82 Resp: 19224
Ion Ratio Lower Upper
82 100
128 42.4 33.6 50.4
54 47.4 37.6 56.4



#9
Naphthalene
Concen: 0.040 ng
RT: 10.457 min Scan# 737
Delta R.T. 0.000 min
Lab File: BN016608.D
Acq: 30 Sep 2021 20:22

Tgt Ion: 128 Resp: 14401
Ion Ratio Lower Upper
128 100
129 11.9 8.8 13.2
127 13.9 10.3 15.5

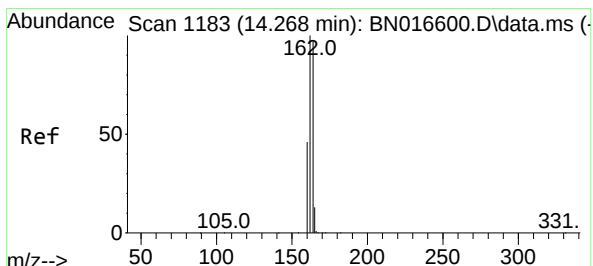
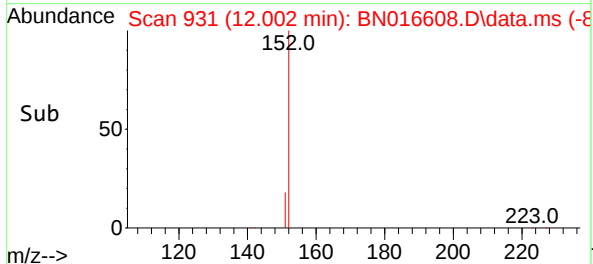
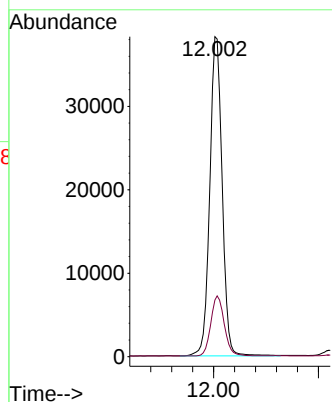
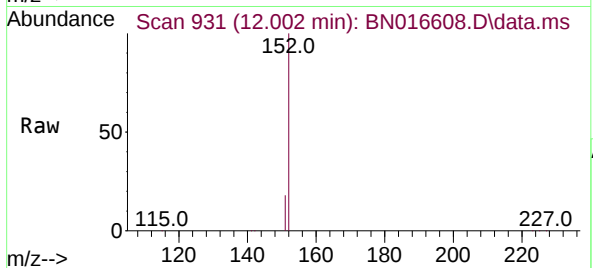




#11
2-Methylnaphthalene-d10
Concen: 0.317 ng
RT: 12.002 min Scan# 931
Delta R.T. -0.004 min
Lab File: BN016608.D
Acq: 30 Sep 2021 20:22

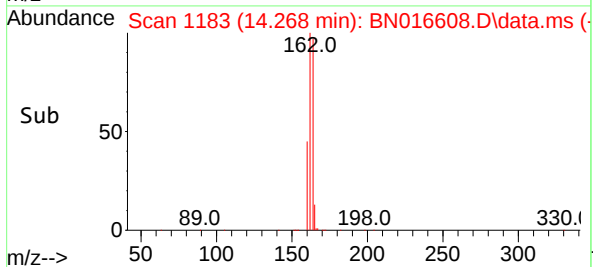
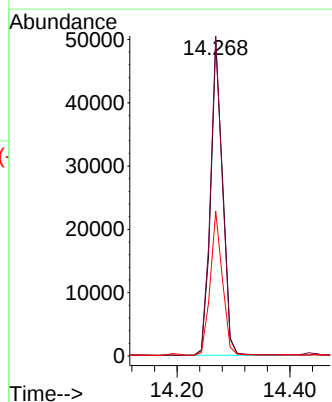
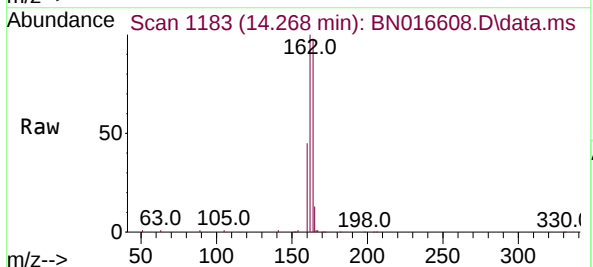
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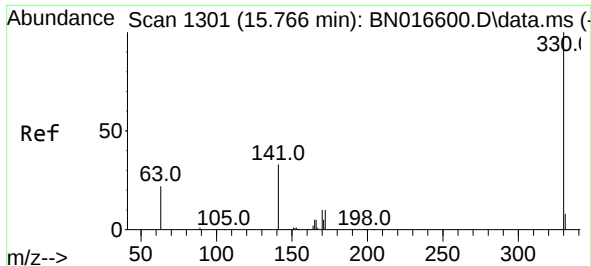
Tgt Ion:152 Resp: 62639
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.268 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016608.D
Acq: 30 Sep 2021 20:22

Tgt Ion:164 Resp: 73058
Ion Ratio Lower Upper
164 100
162 102.1 82.2 123.2
160 46.3 37.7 56.5

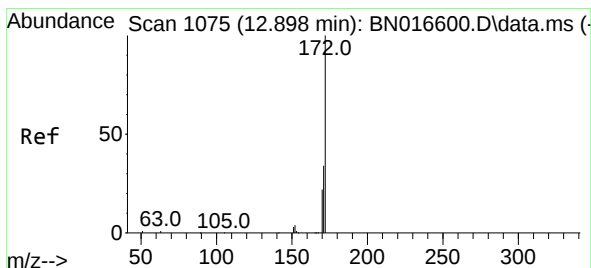
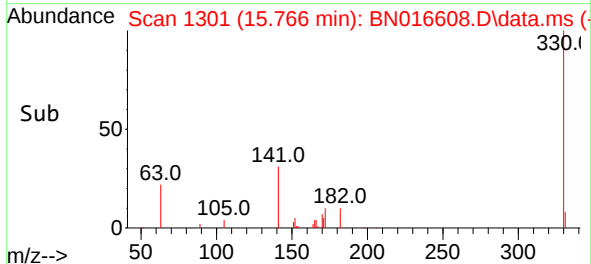
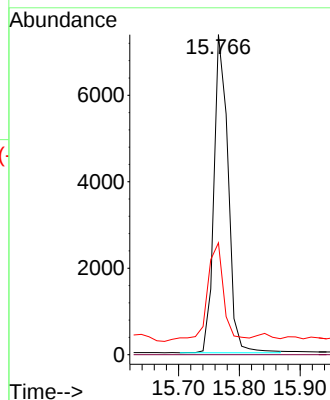
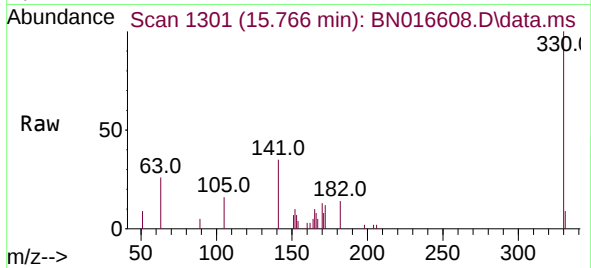




#14
2,4,6-Tribromophenol
Concen: 0.357 ng
RT: 15.766 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BN016608.D
Acq: 30 Sep 2021 20:22

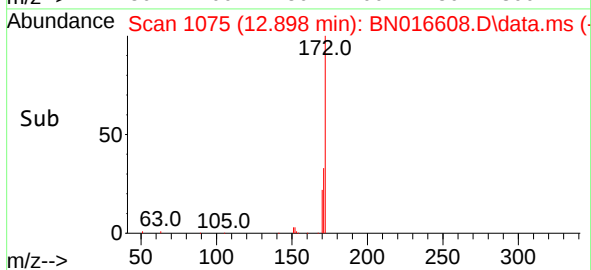
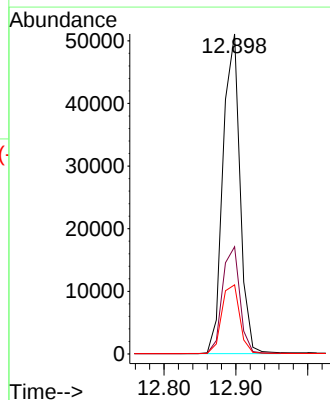
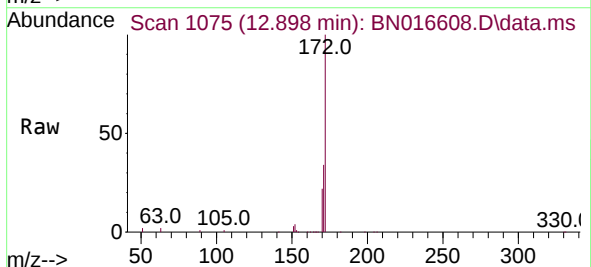
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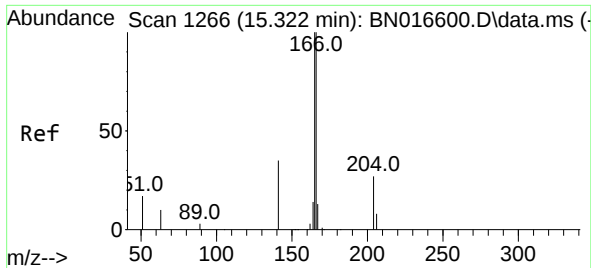
Tgt Ion:330 Resp: 11877
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 33.2 25.2 37.8



#15
2-Fluorobiphenyl
Concen: 0.284 ng
RT: 12.898 min Scan# 1075
Delta R.T. 0.000 min
Lab File: BN016608.D
Acq: 30 Sep 2021 20:22

Tgt Ion:172 Resp: 83971
Ion Ratio Lower Upper
172 100
171 33.5 27.0 40.4
170 21.6 17.4 26.2

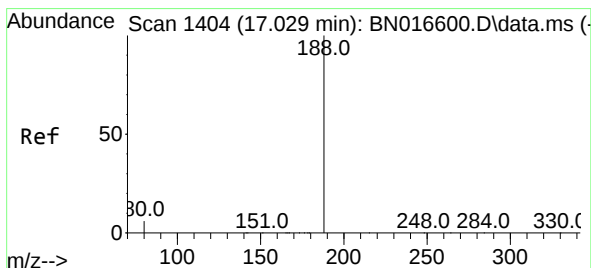
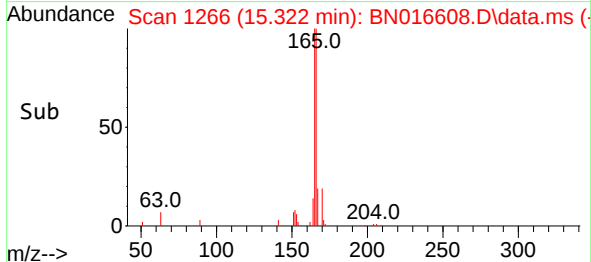
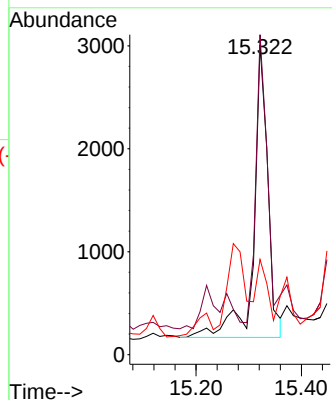
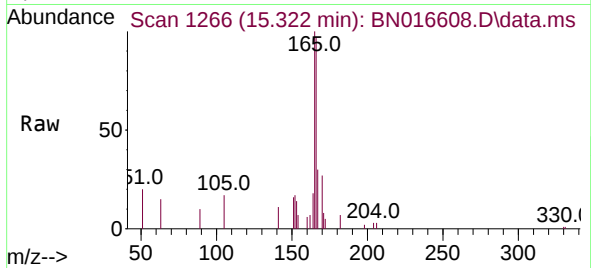




#18
Fluorene
Concen: 0.021 ng
RT: 15.322 min Scan# 1266
Delta R.T. 0.000 min
Lab File: BN016608.D
Acq: 30 Sep 2021 20:22

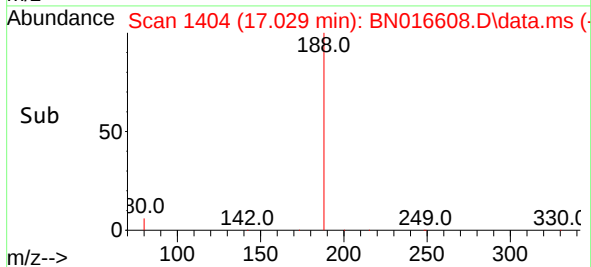
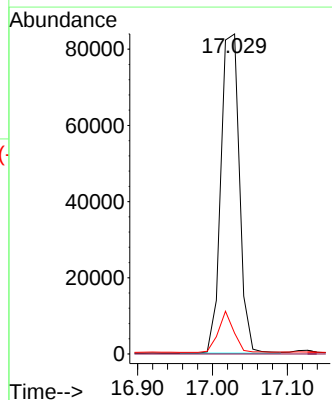
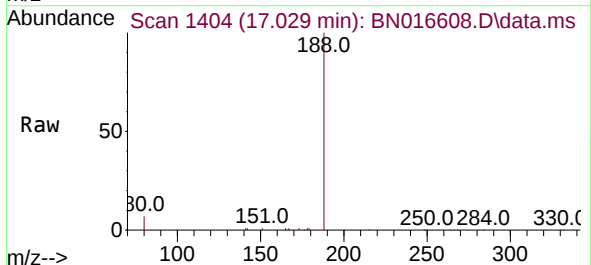
Instrument :
BNA_N
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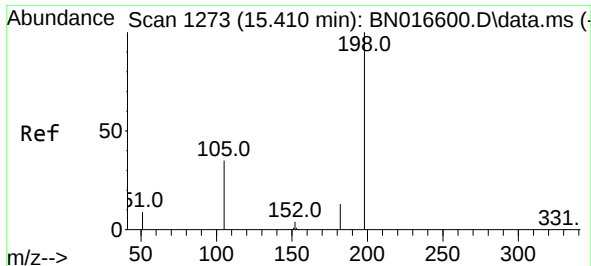
Tgt Ion:166 Resp: 5240
Ion Ratio Lower Upper
166 100
165 89.0 77.9 116.9
167 13.9 10.7 16.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.029 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BN016608.D
Acq: 30 Sep 2021 20:22

Tgt Ion:188 Resp: 144024
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.5 5.0 7.6

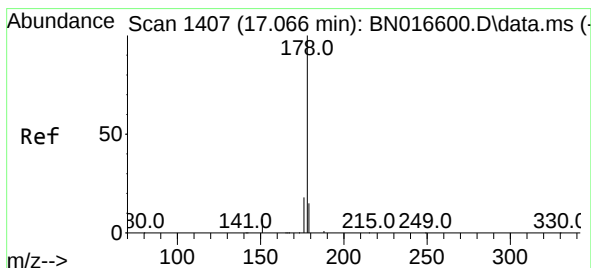
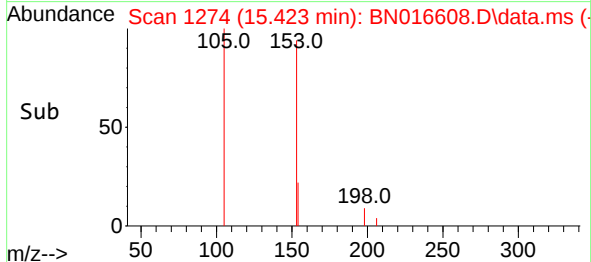
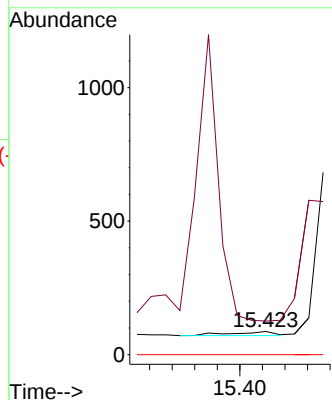
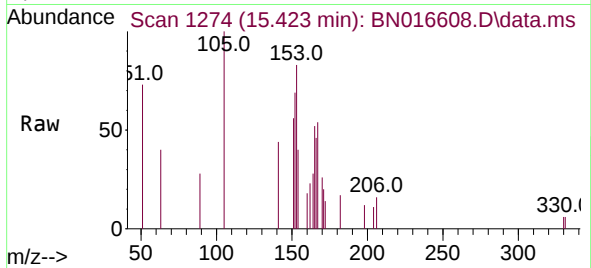




#20
4,6-Dinitro-2-methylphenol
Concen: 0.139 ng
RT: 15.423 min Scan# 1274
Delta R.T. 0.013 min
Lab File: BN016608.D
Acq: 30 Sep 2021 20:22

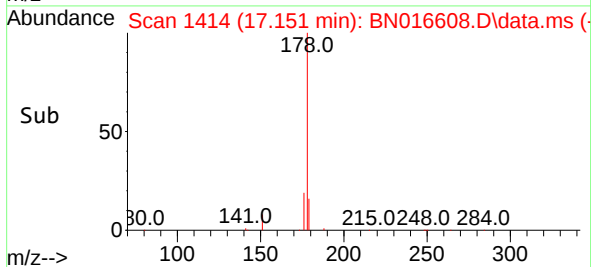
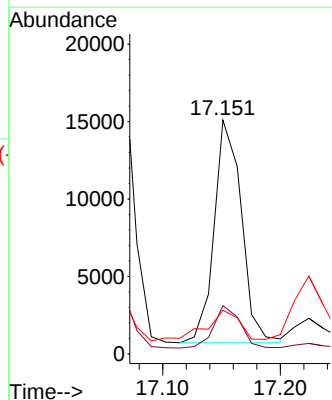
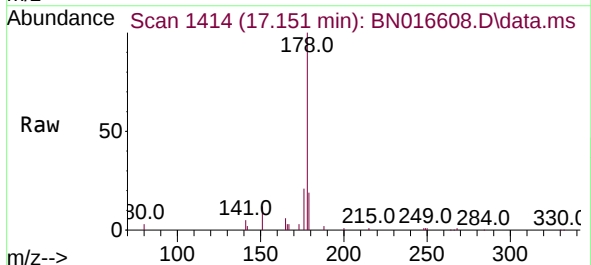
Instrument :
BNA_N
ClientSampleId :
UNDERPASS

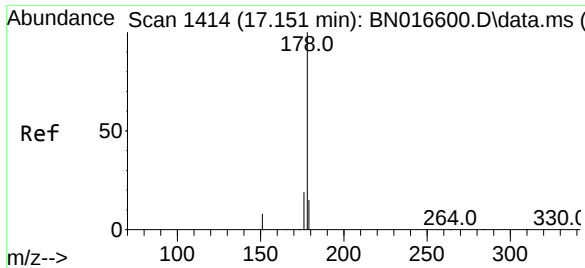
Tgt Ion:198 Resp: 43
Ion Ratio Lower Upper
198 100
182 144.8 11.8 17.8#
77 0.0 0.0 0.0



#25
Phenanthrene
Concen: 0.053 ng
RT: 17.151 min Scan# 1414
Delta R.T. 0.085 min
Lab File: BN016608.D
Acq: 30 Sep 2021 20:22

Tgt Ion:178 Resp: 23176
Ion Ratio Lower Upper
178 100
176 19.1 15.0 22.4
179 14.7 12.2 18.4

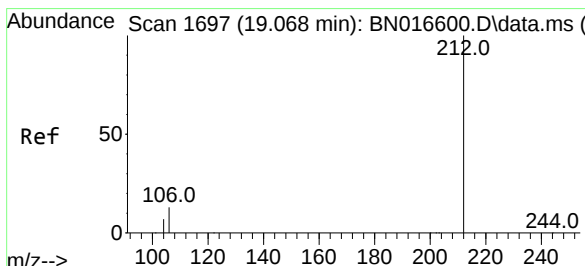
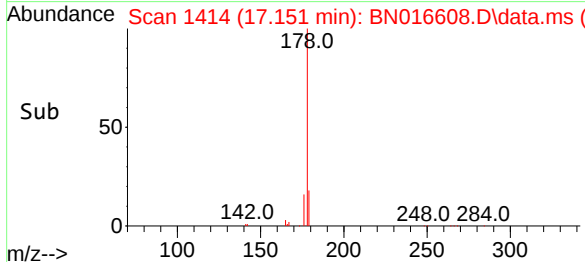
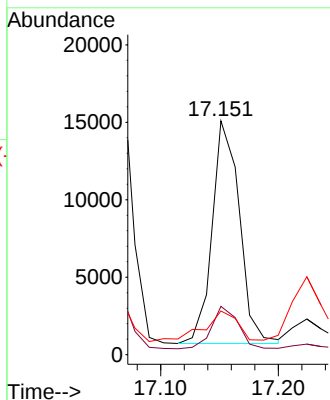
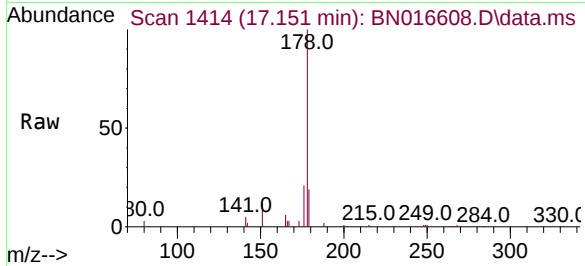




#26
 Anthracene
 Concen: 0.062 ng
 RT: 17.151 min Scan# 1414
 Delta R.T. 0.000 min
 Lab File: BN016608.D
 Acq: 30 Sep 2021 20:22

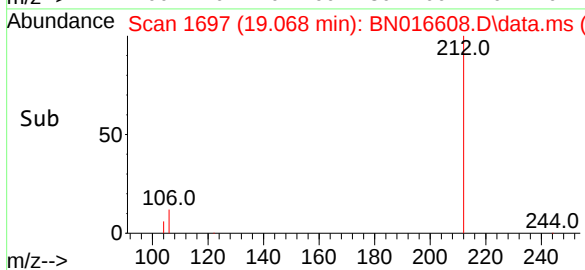
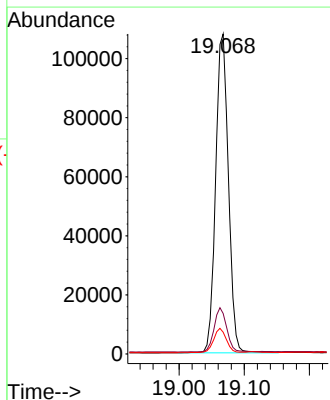
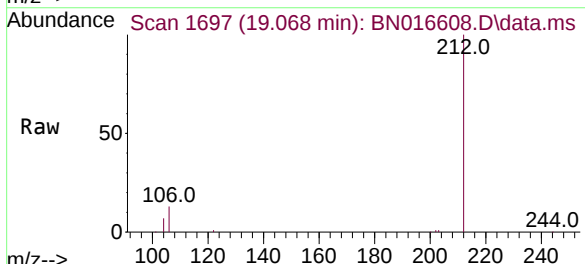
Instrument :
 BNA_N
 ClientSampleId :
 UNDERPASS

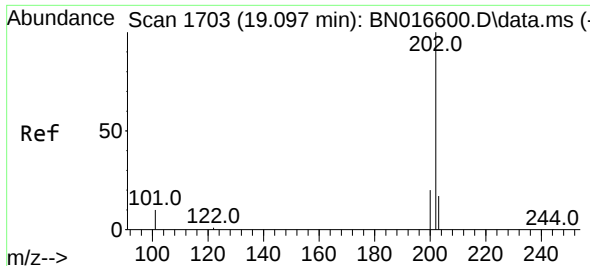
Tgt Ion:	178	Resp:	23176
Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.6	21.8
179	14.7	12.2	18.4



#27
 Fluoranthene-d10
 Concen: 0.384 ng
 RT: 19.068 min Scan# 1697
 Delta R.T. 0.000 min
 Lab File: BN016608.D
 Acq: 30 Sep 2021 20:22

Tgt Ion:	212	Resp:	147196
Ion	Ratio	Lower	Upper
212	100		
106	13.6	10.6	16.0
104	7.6	5.9	8.9

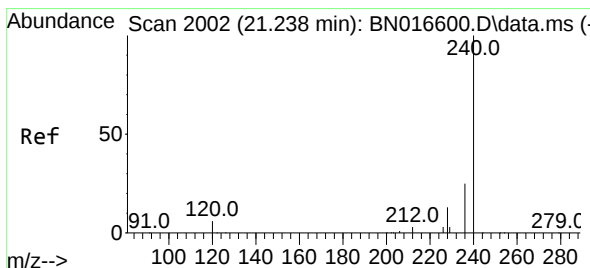
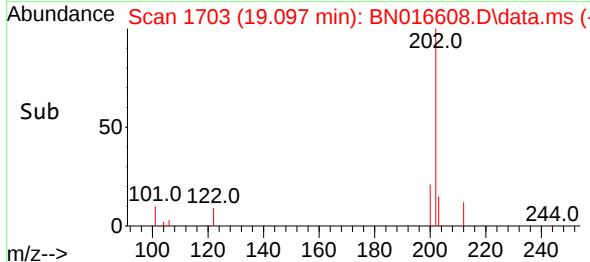
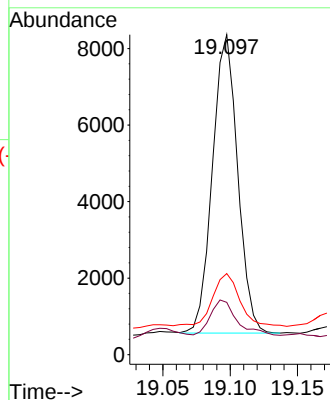
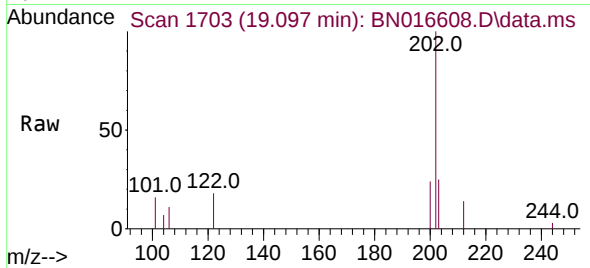




#28
Fluoranthene
Concen: 0.022 ng
RT: 19.097 min Scan# 1703
Delta R.T. 0.000 min
Lab File: BN016608.D
Acq: 30 Sep 2021 20:22

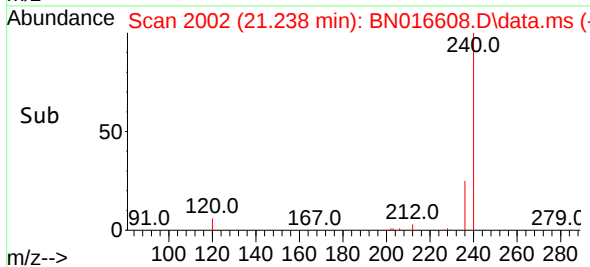
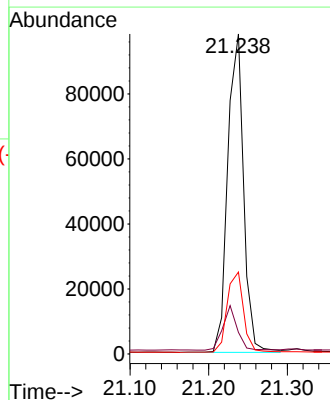
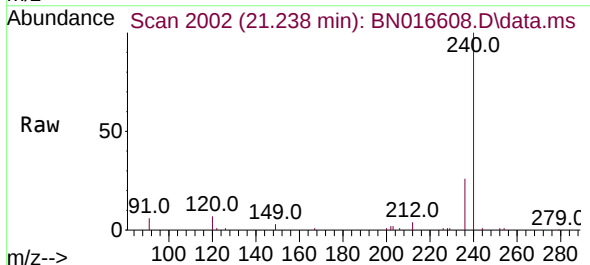
Instrument :
BNA_N
ClientSampleId :
UNDERPASS

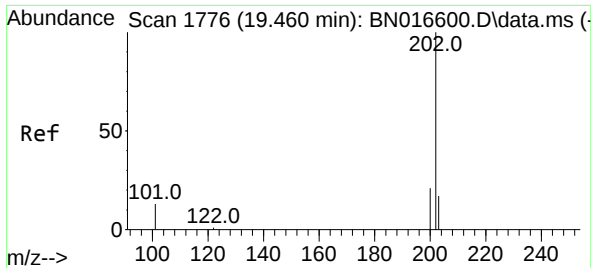
Tgt Ion:202 Resp: 10162
Ion Ratio Lower Upper
202 100
101 13.1 9.0 13.4
203 18.9 13.8 20.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.238 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN016608.D
Acq: 30 Sep 2021 20:22

Tgt Ion:240 Resp: 137039
Ion Ratio Lower Upper
240 100
120 6.7 5.0 7.4
236 25.6 20.4 30.6

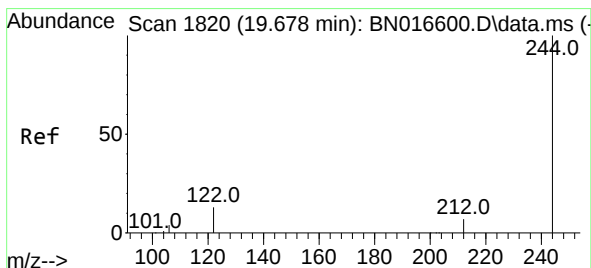
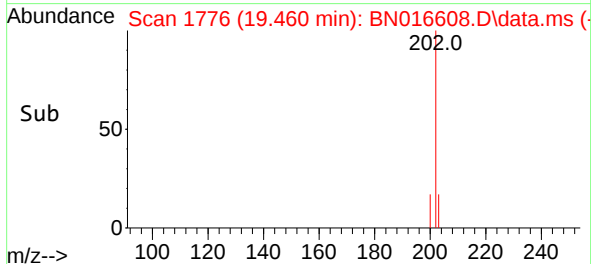
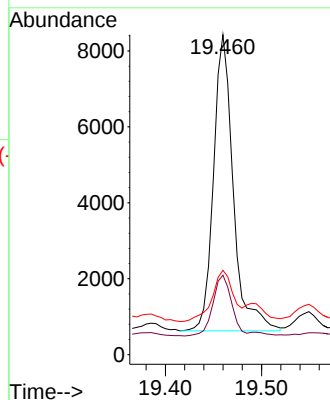
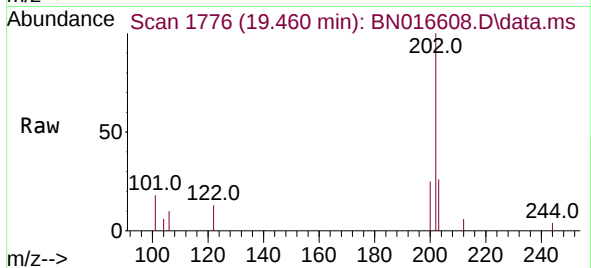




#30
Pyrene
Concen: 0.025 ng
RT: 19.460 min Scan# 1776
Delta R.T. 0.000 min
Lab File: BN016608.D
Acq: 30 Sep 2021 20:22

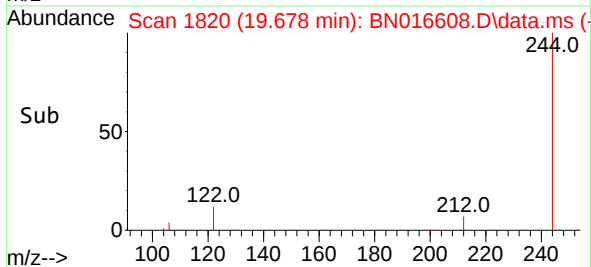
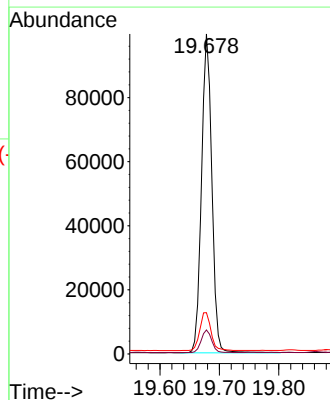
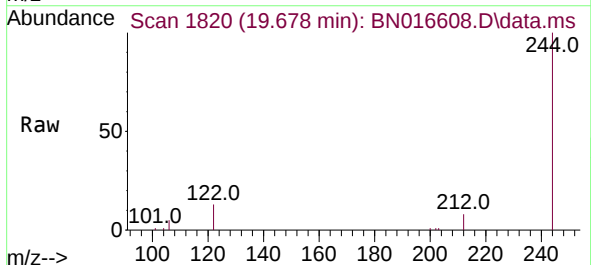
Instrument :
BNA_N
ClientSampleId :
UNDERPASS

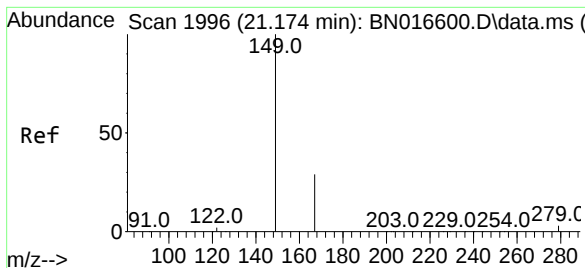
Tgt Ion:	202	Resp:	11135
Ion Ratio	Lower	Upper	
202	100		
200	20.5	16.5	24.7
203	18.4	14.0	21.0



#31
Terphenyl-d14
Concen: 0.403 ng
RT: 19.678 min Scan# 1820
Delta R.T. 0.000 min
Lab File: BN016608.D
Acq: 30 Sep 2021 20:22

Tgt Ion:	244	Resp:	120104
Ion Ratio	Lower	Upper	
244	100		
212	7.5	6.0	9.0
122	12.9	10.1	15.1

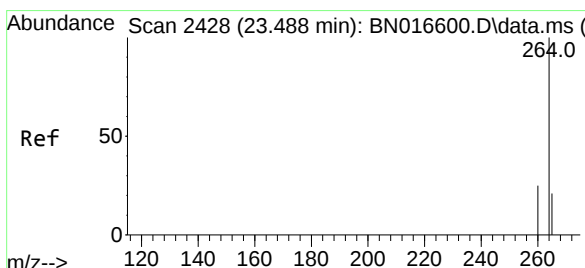
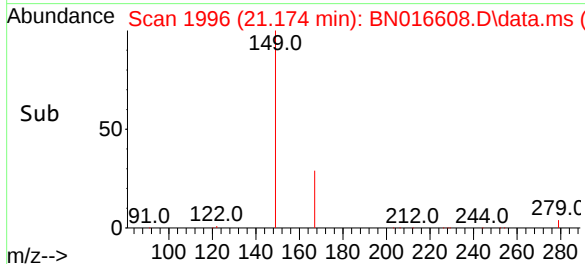
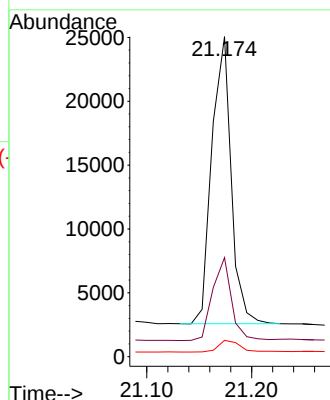
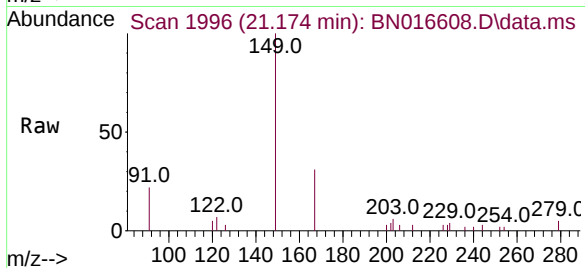




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.172 ng
RT: 21.174 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BN016608.D
Acq: 30 Sep 2021 20:22

Instrument :
BNA_N
ClientSampleId :
UNDERPASS

Tgt Ion:149 Resp: 28779
Ion Ratio Lower Upper
149 100
167 28.3 22.2 33.4
279 4.8 3.2 4.8#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.484 min Scan# 2427
Delta R.T. -0.003 min
Lab File: BN016608.D
Acq: 30 Sep 2021 20:22

Tgt Ion:264 Resp: 145817
Ion Ratio Lower Upper
264 100
260 24.8 19.9 29.9
265 23.4 19.2 28.8

