

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100721\
 Data File : BN016822.D
 Acq On : 08 Oct 2021 00:19
 Operator : CG/JU
 Sample : M4020-12
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 S-820-N-SO-1-1.5-093021

Quant Time: Oct 08 05:20:20 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 08 01:39:08 2021
 Response via : Initial Calibration

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

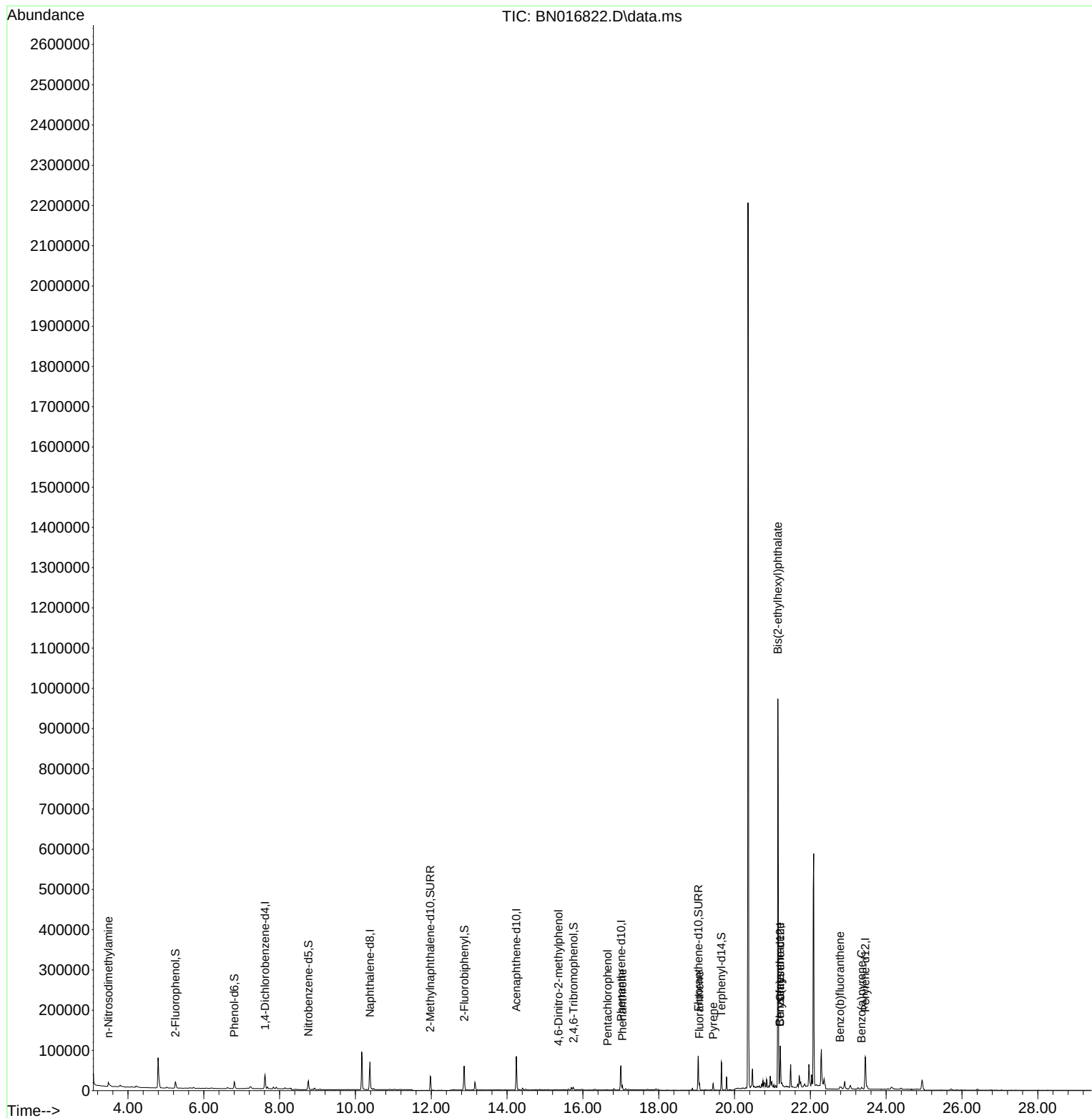
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.615	152	19884	0.400	ng	0.00
7) Naphthalene-d8	10.381	136	90418	0.400	ng	# 0.00
13) Acenaphthene-d10	14.243	164	47762	0.400	ng	0.00
19) Phenanthrene-d10	17.006	188	93202	0.400	ng	0.00
29) Chrysene-d12	21.206	240	91992	0.400	ng	#-0.01
35) Perylene-d12	23.450	264	107118	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.254	112	17665	0.356	ng	0.03
5) Phenol-d6	6.803	99	18253	0.323	ng	0.00
8) Nitrobenzene-d5	8.759	82	20073	0.317	ng	0.00
11) 2-Methylnaphthalene-d10	11.976	152	47771	0.355	ng	0.00
14) 2,4,6-Tribromophenol	15.753	330	6018	0.244	ng	0.00
15) 2-Fluorobiphenyl	12.873	172	59563	0.309	ng	0.00
27) Fluoranthene-d10	19.043	212	92935	0.359	ng	0.00
31) Terphenyl-d14	19.654	244	70330	0.351	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.484	42	3009	0.193	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.360	198	5	0.207	ng	# 1
24) Pentachlorophenol	16.653	266	34	0.105	ng	# 68
25) Phenanthrene	17.042	178	11631	0.042	ng	97
28) Fluoranthene	19.073	202	15551	0.050	ng	98
30) Pyrene	19.435	202	15219	0.054	ng	# 94
32) Benzo(a)anthracene	21.196	228	10895	0.038	ng	96
33) Chrysene	21.196	228	10391	0.036	ng	95
34) Bis(2-ethylhexyl)phtha...	21.143	149	909701	6.292	ng	100
37) Benzo(b)fluoranthene	22.779	252	9917	0.029	ng	# 57
39) Benzo(a)pyrene	23.351	252	6651	0.021	ng	# 53

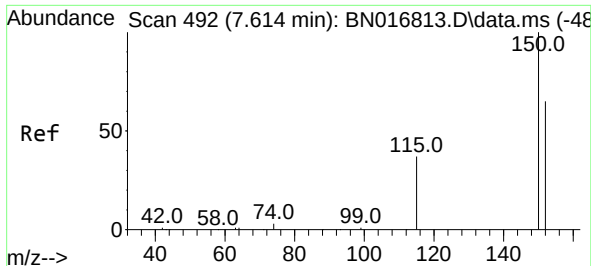
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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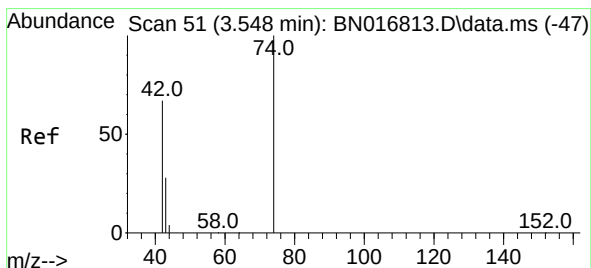
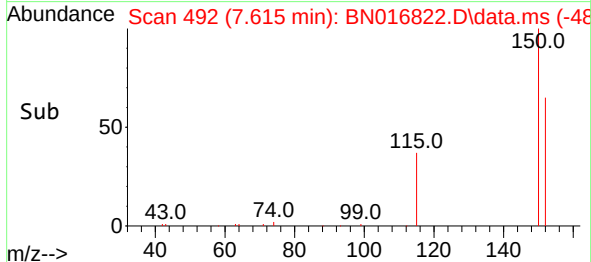
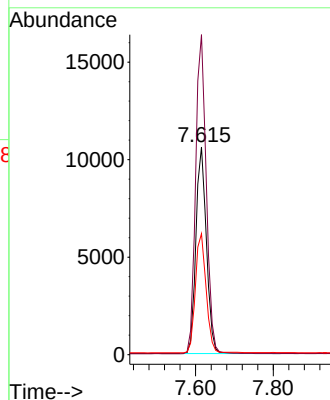
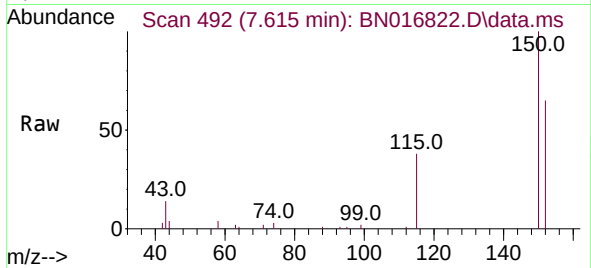




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.615 min Scan# 492
Delta R.T. 0.001 min
Lab File: BN016822.D
Acq: 08 Oct 2021 00:19

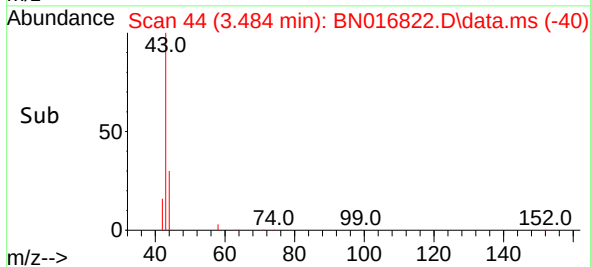
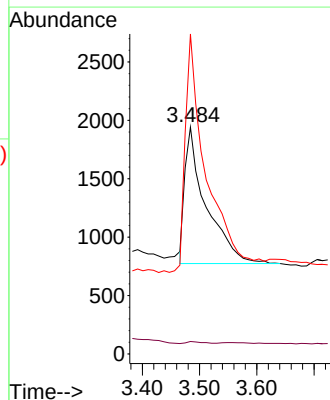
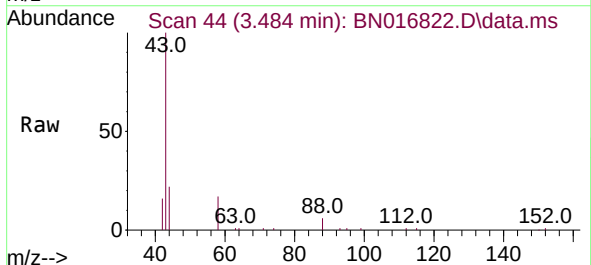
Instrument :
BNA_N
ClientSampleId :
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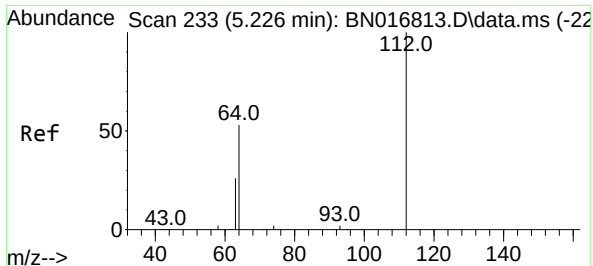
Tgt Ion:152 Resp: 19884
Ion Ratio Lower Upper
152 100
150 154.0 123.3 184.9
115 58.2 47.0 70.6



#3
n-Nitrosodimethylamine
Concen: 0.193 ng
RT: 3.484 min Scan# 44
Delta R.T. -0.064 min
Lab File: BN016822.D
Acq: 08 Oct 2021 00:19

Tgt Ion: 42 Resp: 3009
Ion Ratio Lower Upper
42 100
74 1.1 124.0 186.0#
44 158.9 5.6 8.4#

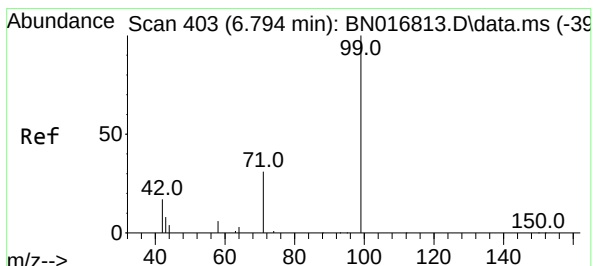
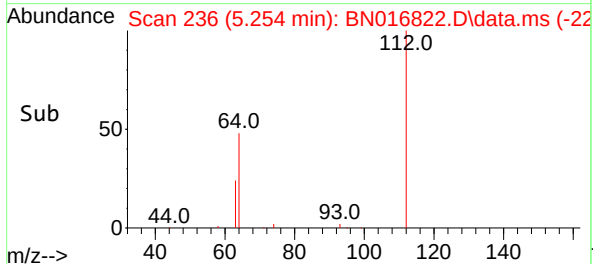
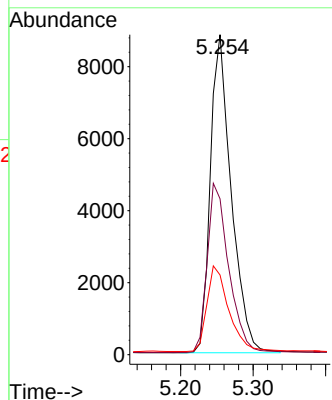
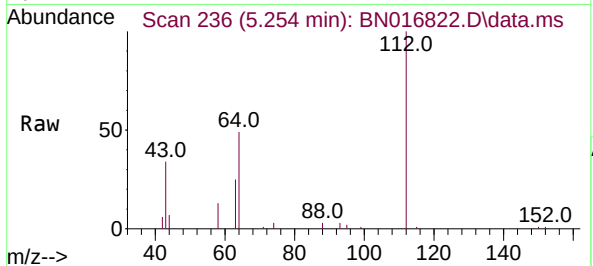




#4
2-Fluorophenol
Concen: 0.356 ng
RT: 5.254 min Scan# 236
Delta R.T. 0.028 min
Lab File: BN016822.D
Acq: 08 Oct 2021 00:19

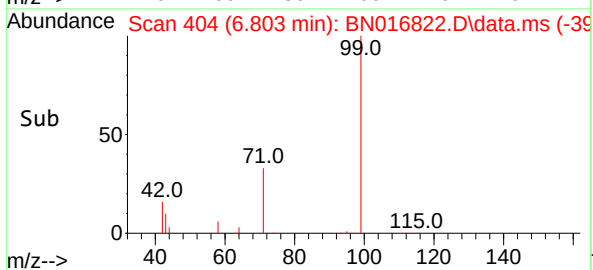
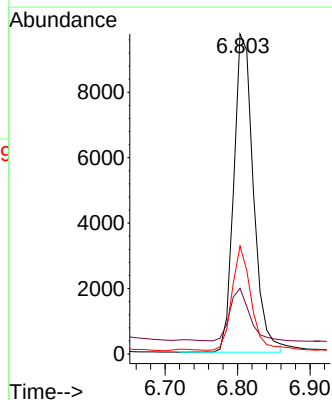
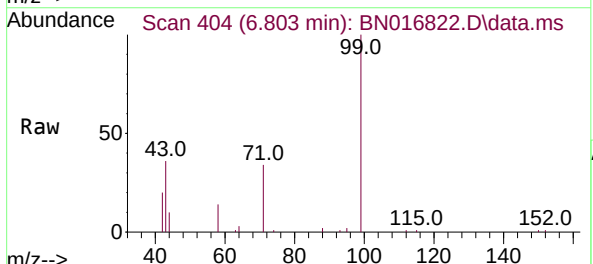
Instrument :
BNA_N
ClientSampleId :
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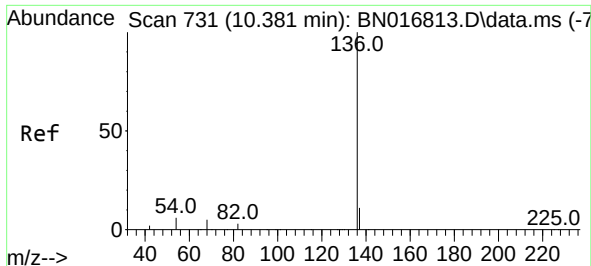
Tgt Ion:	112	Resp:	17665
Ion	Ratio	Lower	Upper
112	100		
64	54.6	42.9	64.3
63	28.2	21.5	32.3



#5
Phenol-d6
Concen: 0.323 ng
RT: 6.803 min Scan# 404
Delta R.T. 0.010 min
Lab File: BN016822.D
Acq: 08 Oct 2021 00:19

Tgt Ion:	99	Resp:	18253
Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.4	20.2
71	31.5	24.0	36.0

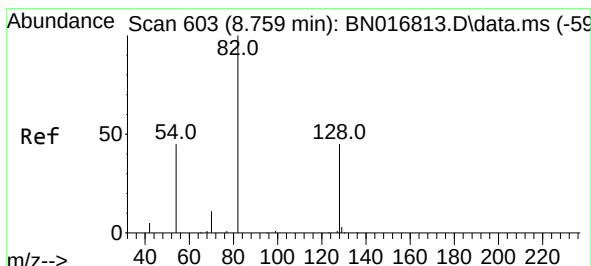
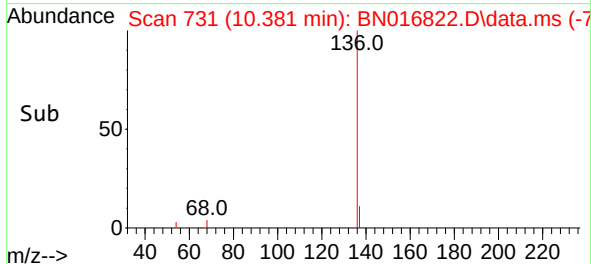
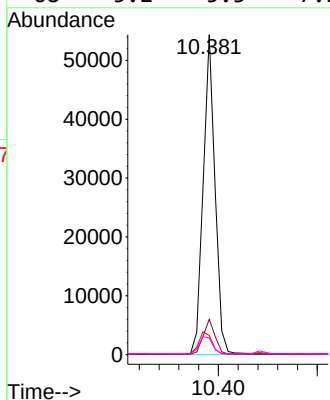
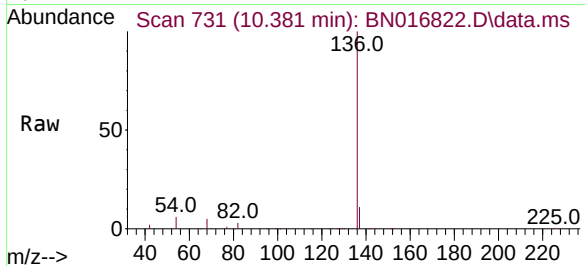




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.381 min Scan# 731
Delta R.T. 0.000 min
Lab File: BN016822.D
Acq: 08 Oct 2021 00:19

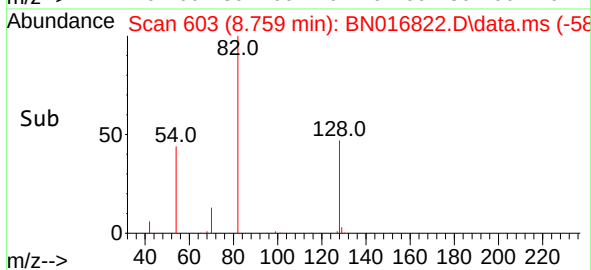
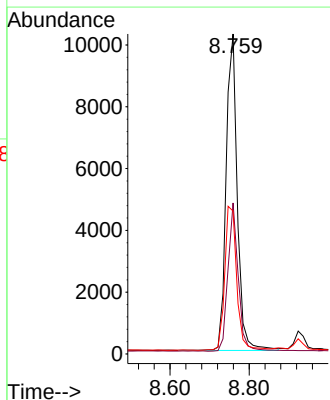
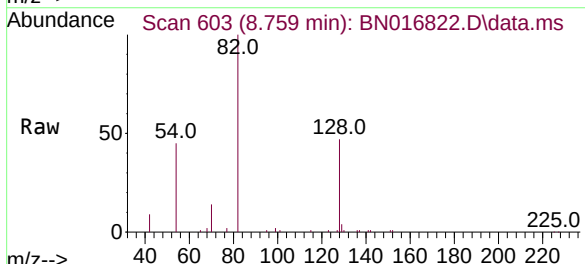
Instrument :
BNA_N
ClientSampleId :
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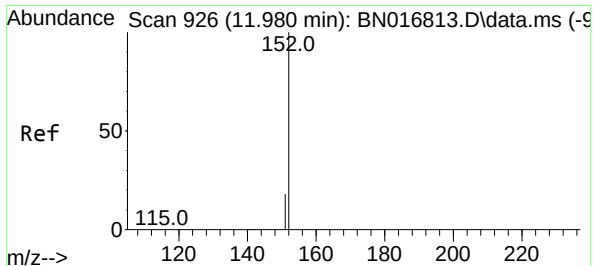
Tgt Ion:	136	Resp:	90418
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.9	13.3
54	6.0	6.5	9.7#
68	5.2	5.3	7.9#



#8
Nitrobenzene-d5
Concen: 0.317 ng
RT: 8.759 min Scan# 603
Delta R.T. 0.000 min
Lab File: BN016822.D
Acq: 08 Oct 2021 00:19

Tgt Ion:	82	Resp:	20073
Ion Ratio	Lower	Upper	
82	100		
128	47.2	33.8	50.6
54	44.7	38.5	57.7

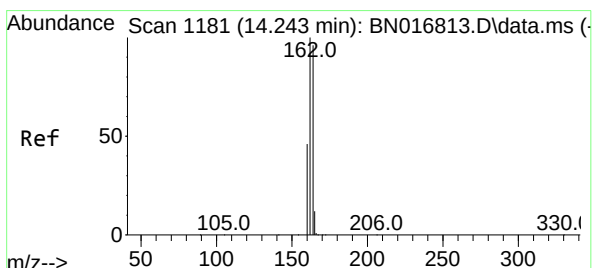
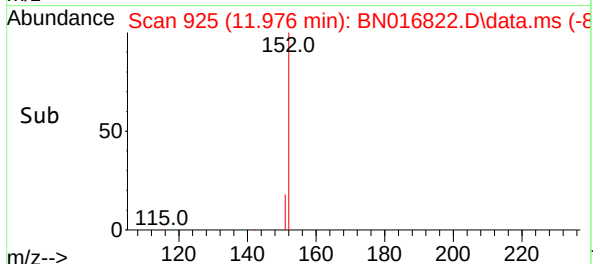
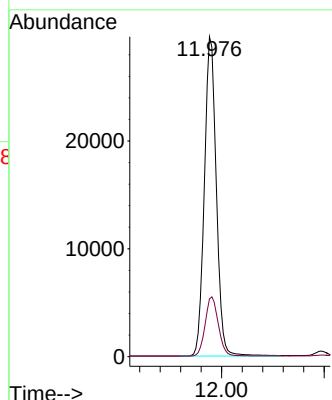
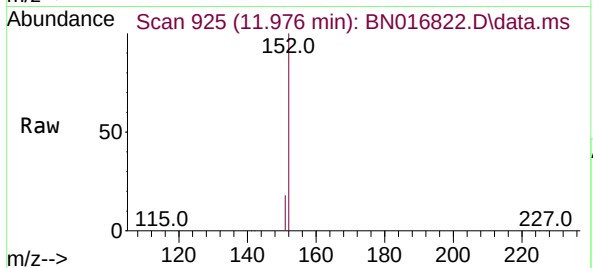




#11
2-Methylnaphthalene-d10
Concen: 0.355 ng
RT: 11.976 min Scan# 925
Delta R.T. -0.004 min
Lab File: BN016822.D
Acq: 08 Oct 2021 00:19

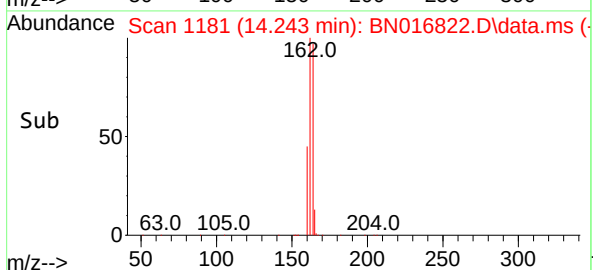
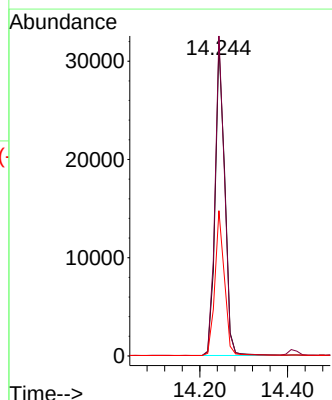
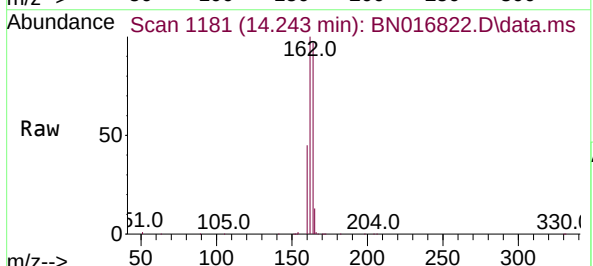
Instrument :
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ClientSampleId :
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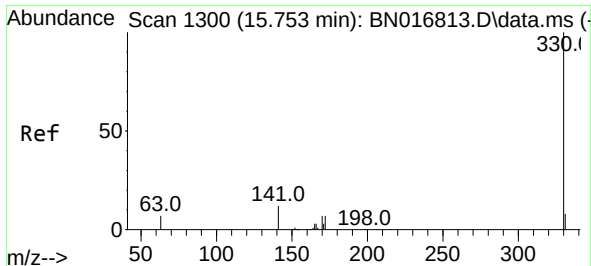
Tgt Ion:152 Resp: 47771
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.4



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.243 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BN016822.D
Acq: 08 Oct 2021 00:19

Tgt Ion:164 Resp: 47762
Ion Ratio Lower Upper
164 100
162 102.6 82.6 124.0
160 46.6 38.2 57.2

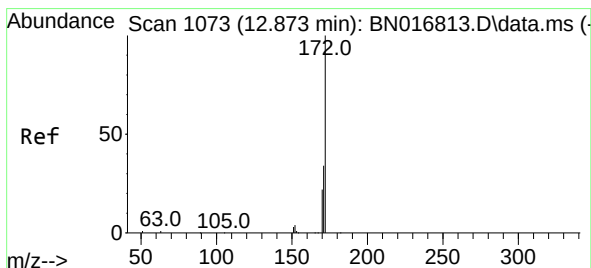
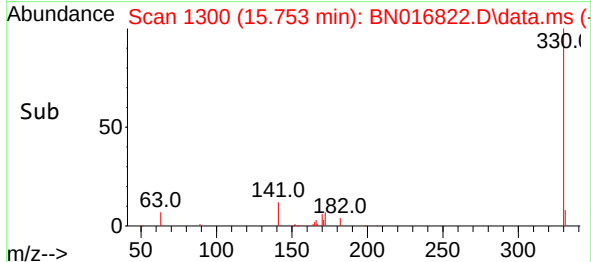
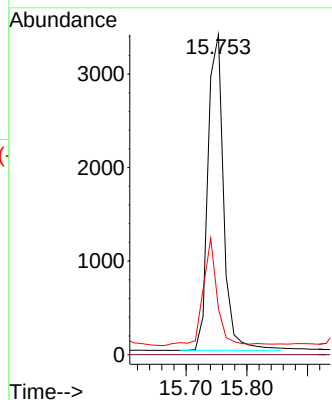
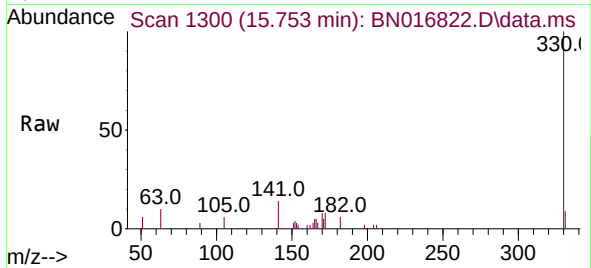




#14
2,4,6-Tribromophenol
Concen: 0.244 ng
RT: 15.753 min Scan# 1300
Delta R.T. 0.000 min
Lab File: BN016822.D
Acq: 08 Oct 2021 00:19

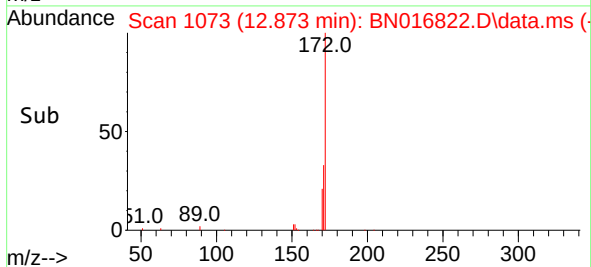
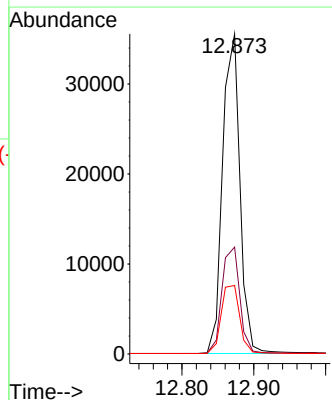
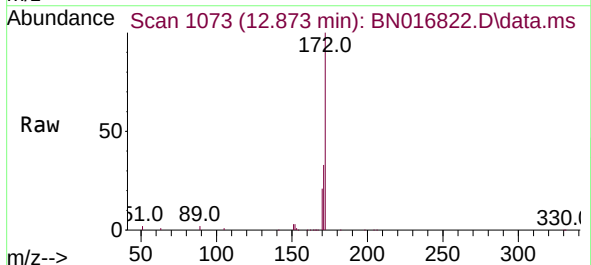
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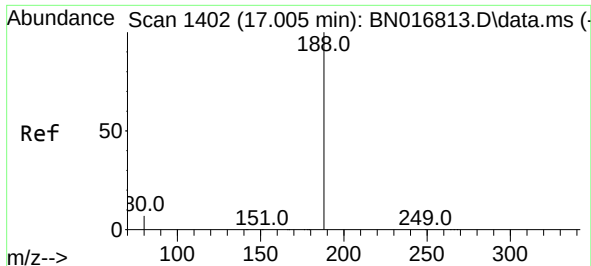
Tgt Ion: 330 Resp: 6018
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 28.7 24.2 36.2



#15
2-Fluorobiphenyl
Concen: 0.309 ng
RT: 12.873 min Scan# 1073
Delta R.T. 0.000 min
Lab File: BN016822.D
Acq: 08 Oct 2021 00:19

Tgt Ion: 172 Resp: 59563
Ion Ratio Lower Upper
172 100
171 33.4 26.9 40.3
170 21.4 17.4 26.0

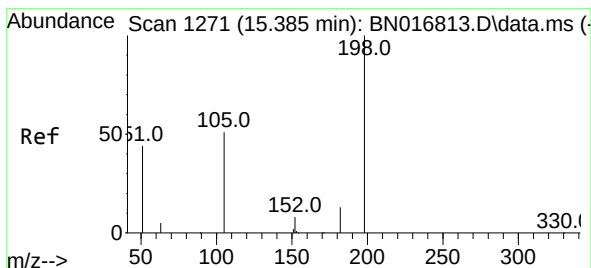
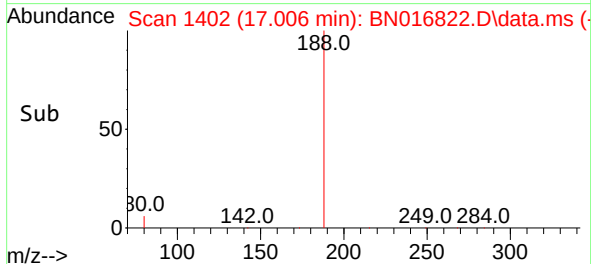
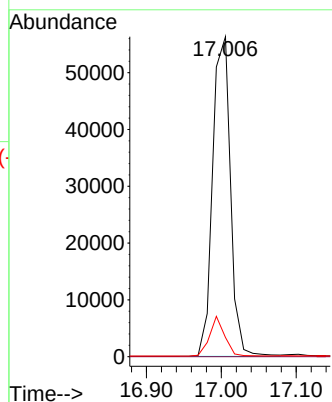
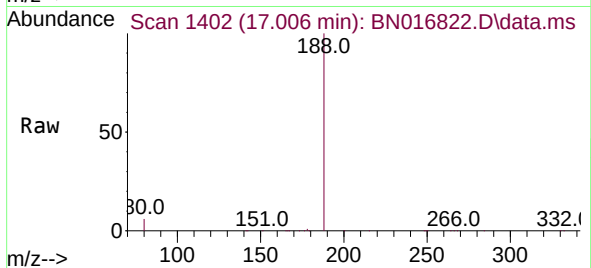




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.006 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BN016822.D
Acq: 08 Oct 2021 00:19

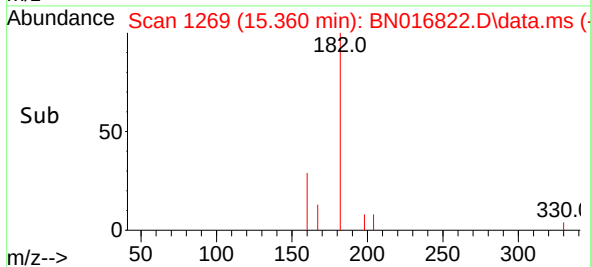
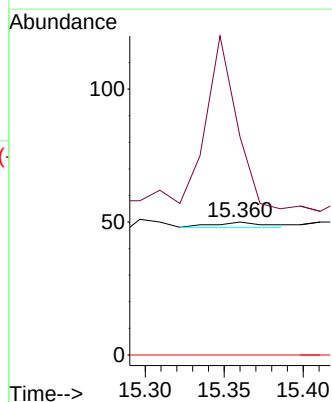
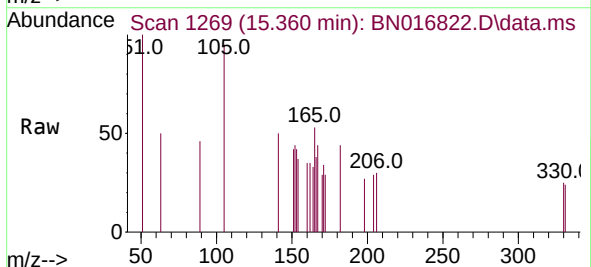
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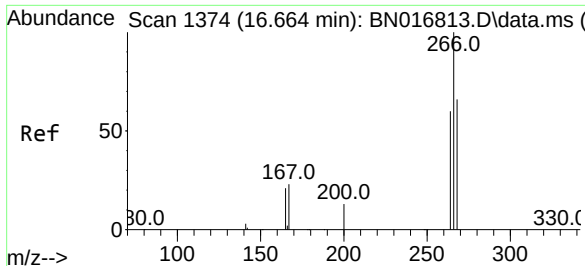
Tgt Ion:188	Resp:	93202
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	6.0	8.8



#20
4,6-Dinitro-2-methylphenol
Concen: 0.207 ng
RT: 15.360 min Scan# 1269
Delta R.T. -0.025 min
Lab File: BN016822.D
Acq: 08 Oct 2021 00:19

Tgt Ion:198	Resp:	5
Ion Ratio	Lower	Upper
198	100	
182	164.0	26.2
77	0.0	0.0

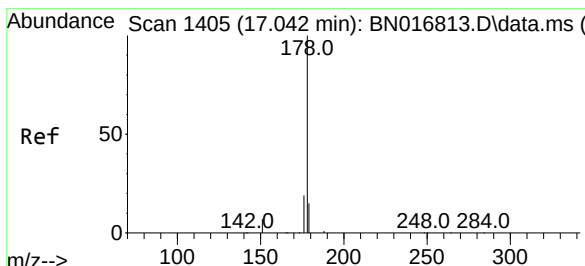
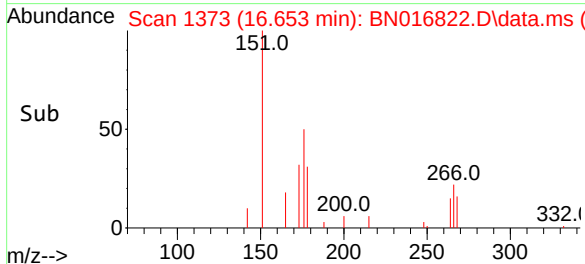
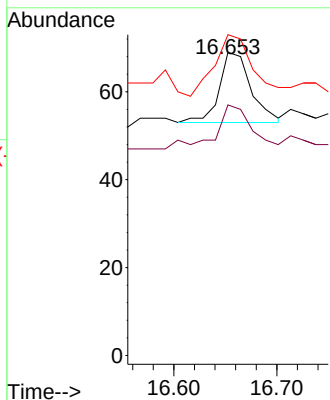
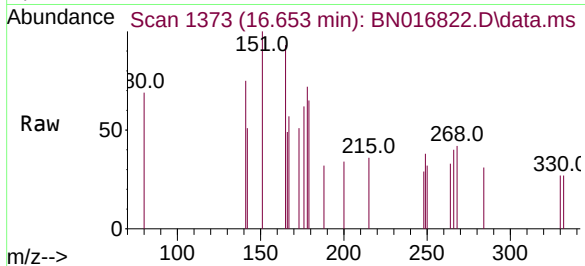




#24
 Pentachlorophenol
 Concen: 0.105 ng
 RT: 16.653 min Scan# 1373
 Delta R.T. -0.011 min
 Lab File: BN016822.D
 Acq: 08 Oct 2021 00:19

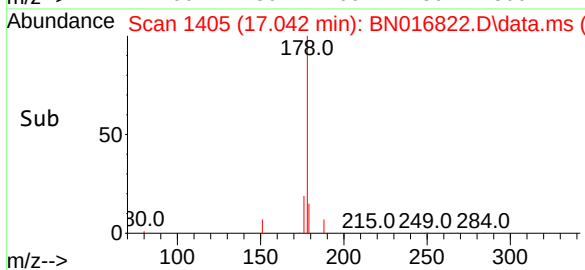
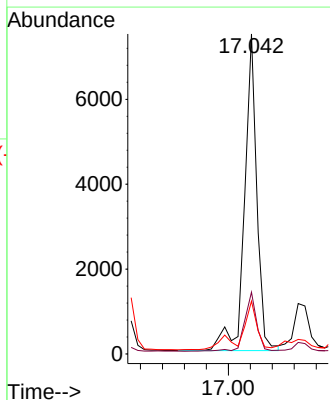
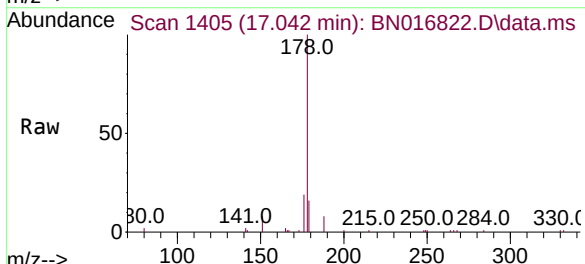
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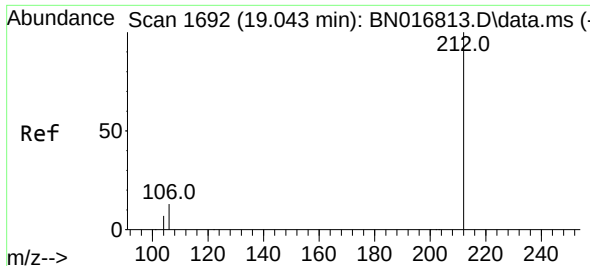
Tgt Ion:266	Resp:	34
Ion Ratio	Lower	Upper
266	100	
264	70.6	49.3 73.9
268	105.9	51.8 77.8#



#25
 Phenanthrene
 Concen: 0.042 ng
 RT: 17.042 min Scan# 1405
 Delta R.T. 0.000 min
 Lab File: BN016822.D
 Acq: 08 Oct 2021 00:19

Tgt Ion:178	Resp:	11631
Ion Ratio	Lower	Upper
178	100	
176	18.0	15.0 22.6
179	13.7	12.4 18.6

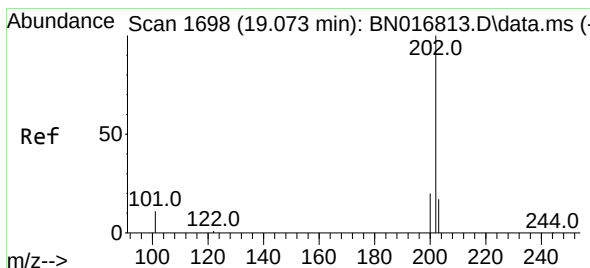
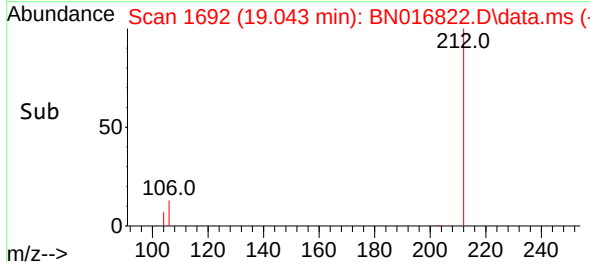
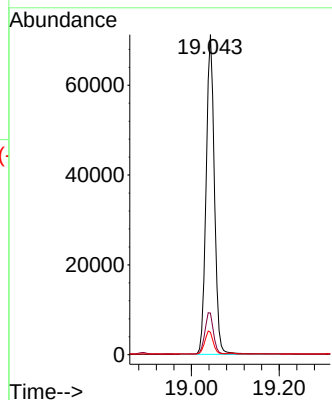
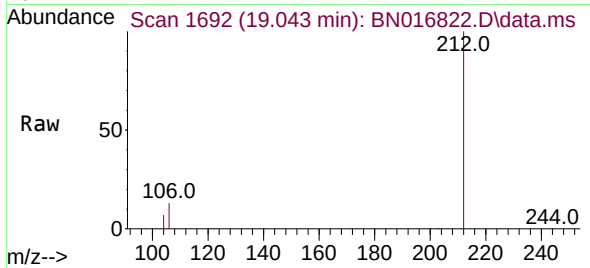




#27
Fluoranthene-d10
Concen: 0.359 ng
RT: 19.043 min Scan# 1692
Delta R.T. 0.000 min
Lab File: BN016822.D
Acq: 08 Oct 2021 00:19

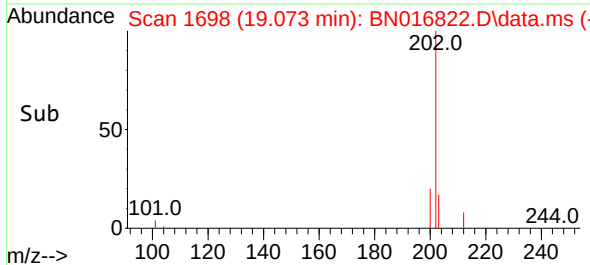
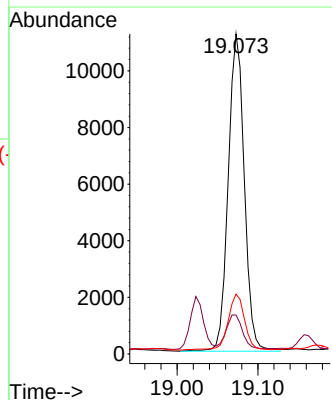
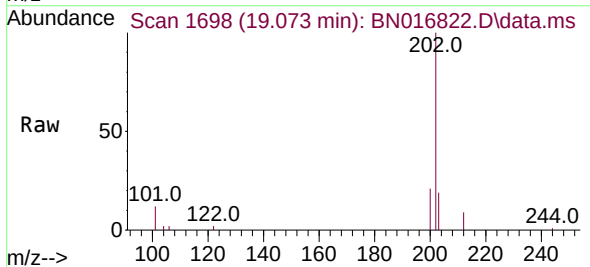
Instrument :
BNA_N
ClientSampleId :
S-820-N-SO-1-1.5-093021

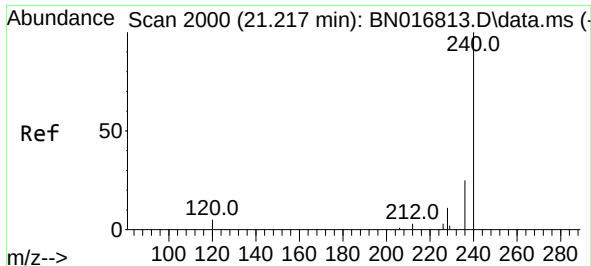
Tgt Ion:212 Resp: 92935
Ion Ratio Lower Upper
212 100
106 13.4 10.6 16.0
104 7.3 5.8 8.8



#28
Fluoranthene
Concen: 0.050 ng
RT: 19.073 min Scan# 1698
Delta R.T. 0.000 min
Lab File: BN016822.D
Acq: 08 Oct 2021 00:19

Tgt Ion:202 Resp: 15551
Ion Ratio Lower Upper
202 100
101 10.5 8.9 13.3
203 18.2 13.8 20.8

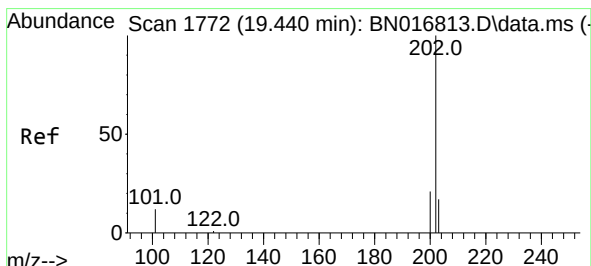
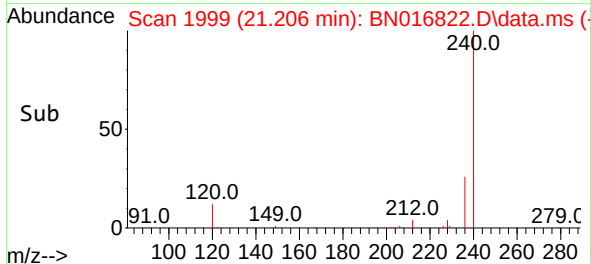
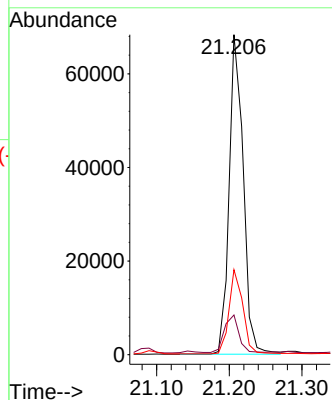
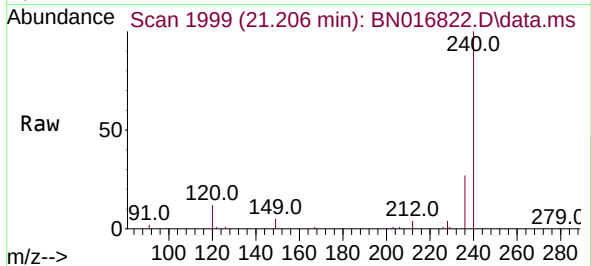




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.206 min Scan# 1999
Delta R.T. -0.010 min
Lab File: BN016822.D
Acq: 08 Oct 2021 00:19

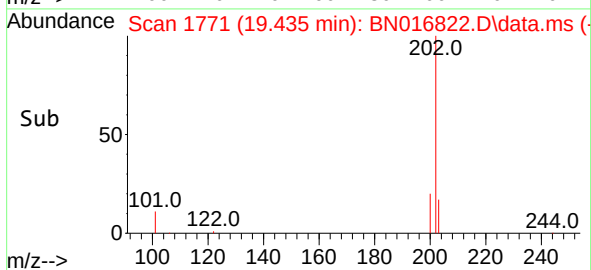
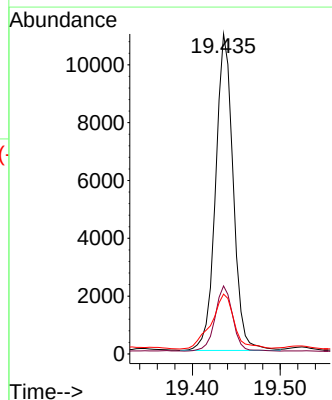
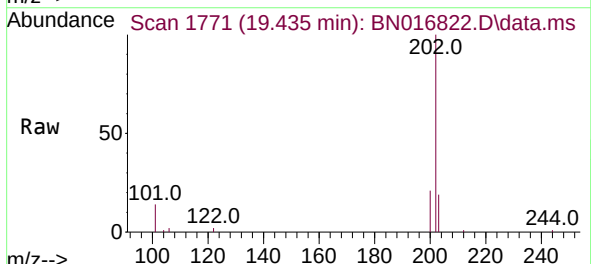
Instrument :
BNA_N
ClientSampleId :
S-820-N-SO-1-1.5-093021

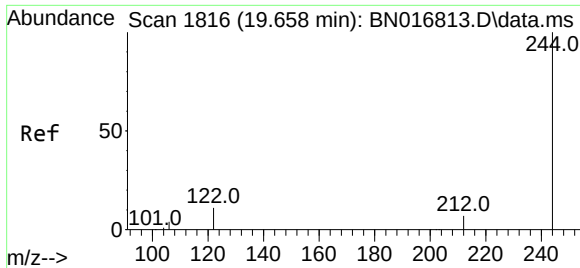
Tgt Ion:240 Resp: 91992
Ion Ratio Lower Upper
240 100
120 12.4 6.6 10.0#
236 26.6 20.7 31.1



#30
Pyrene
Concen: 0.054 ng
RT: 19.435 min Scan# 1771
Delta R.T. -0.005 min
Lab File: BN016822.D
Acq: 08 Oct 2021 00:19

Tgt Ion:202 Resp: 15219
Ion Ratio Lower Upper
202 100
200 20.6 16.5 24.7
203 22.7 13.9 20.9#

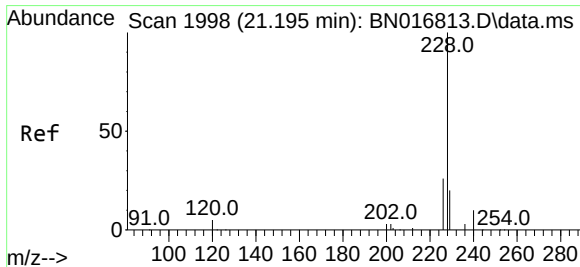
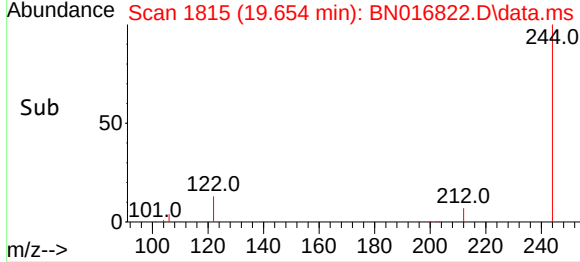
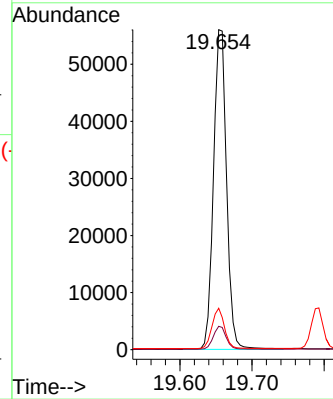
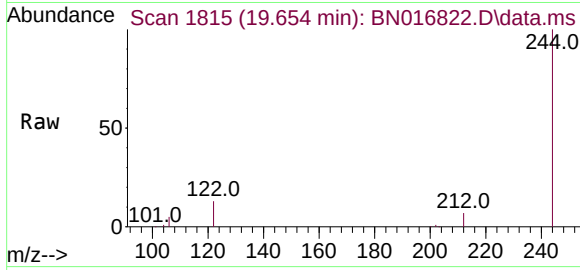




#31
Terphenyl-d14
Concen: 0.351 ng
RT: 19.654 min Scan# 1815
Delta R.T. -0.005 min
Lab File: BN016822.D
Acq: 08 Oct 2021 00:19

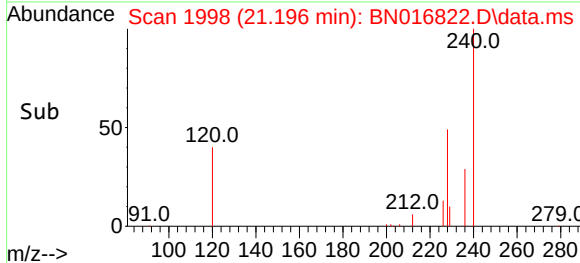
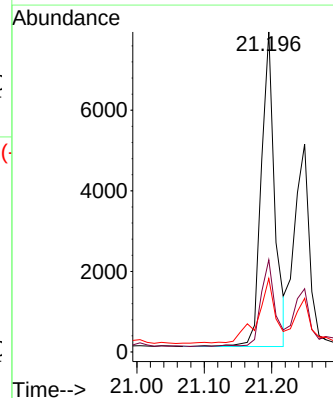
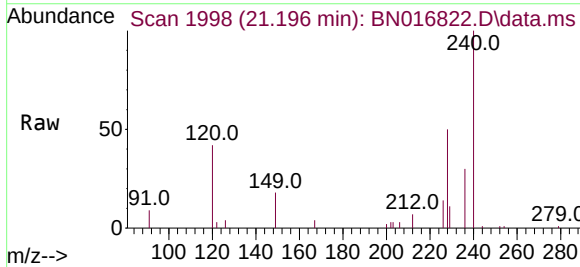
Instrument :
BNA_N
ClientSampleId :
S-820-N-SO-1-1.5-093021

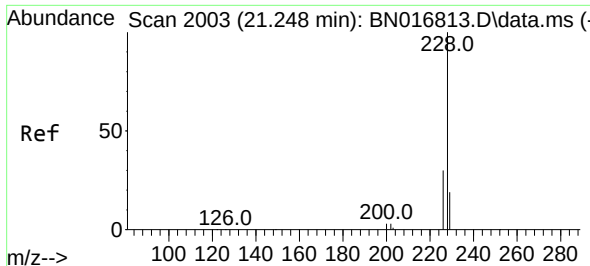
Tgt Ion:244 Resp: 70330
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.6
122 12.9 8.9 13.3



#32
Benzo(a)anthracene
Concen: 0.038 ng
RT: 21.196 min Scan# 1998
Delta R.T. 0.000 min
Lab File: BN016822.D
Acq: 08 Oct 2021 00:19

Tgt Ion:228 Resp: 10895
Ion Ratio Lower Upper
228 100
226 28.8 22.3 33.5
229 23.0 15.4 23.0

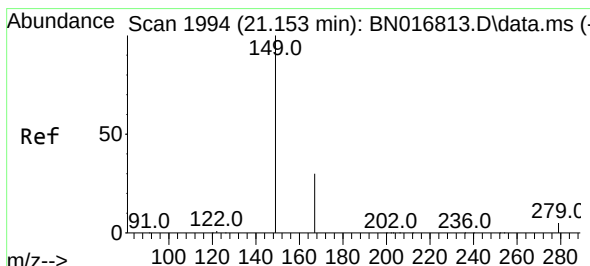
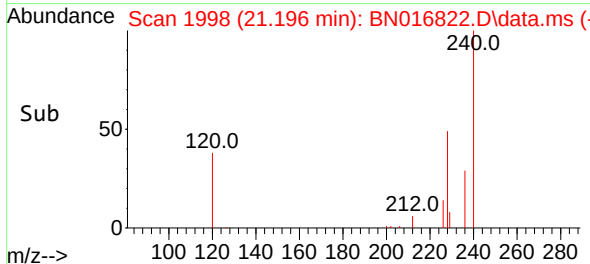
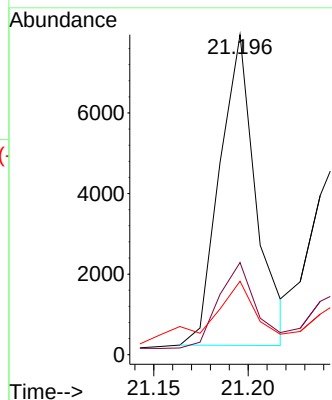
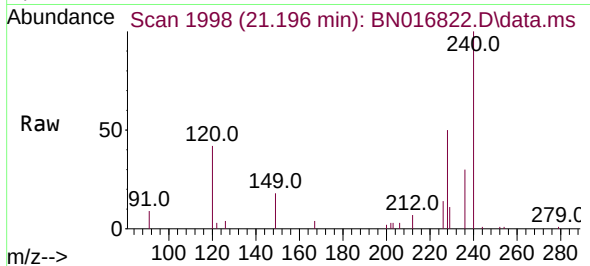




#33
Chrysene
Concen: 0.036 ng
RT: 21.196 min Scan# 1998
Delta R.T. -0.053 min
Lab File: BN016822.D
Acq: 08 Oct 2021 00:19

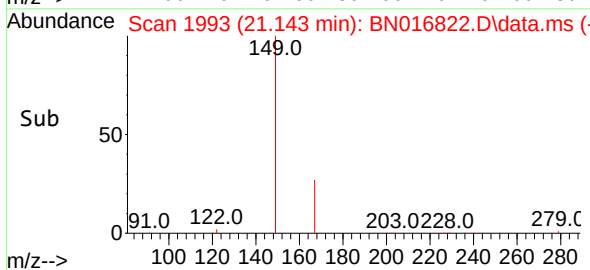
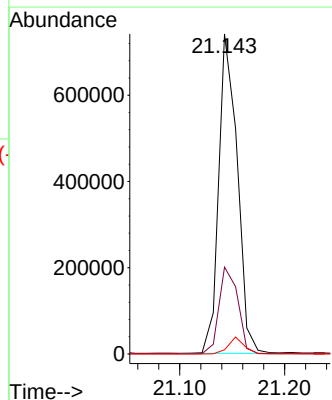
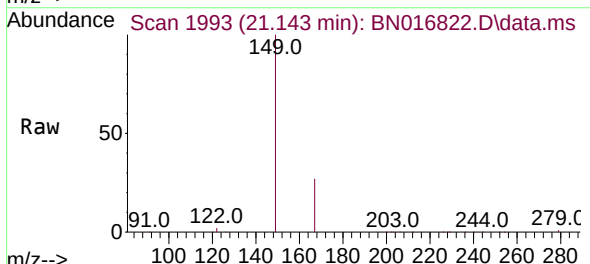
Instrument :
BNA_N
ClientSampleId :
S-820-N-SO-1-1.5-093021

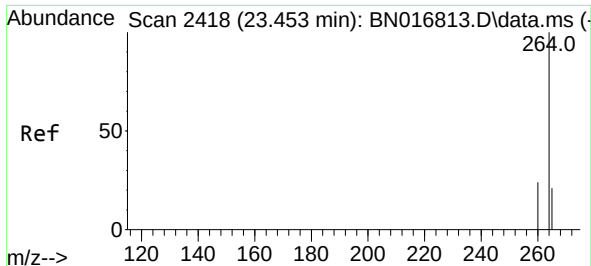
Tgt Ion:228 Resp: 10391
Ion Ratio Lower Upper
228 100
226 28.8 24.2 36.4
229 23.0 15.4 23.0



#34
Bis(2-ethylhexyl)phthalate
Concen: 6.292 ng
RT: 21.143 min Scan# 1993
Delta R.T. -0.010 min
Lab File: BN016822.D
Acq: 08 Oct 2021 00:19

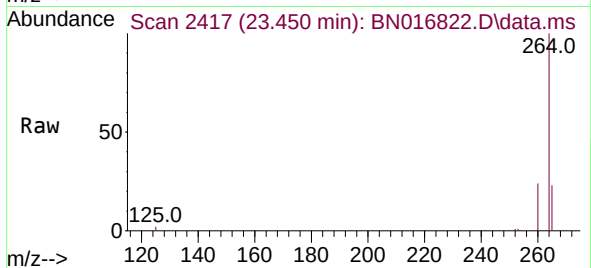
Tgt Ion:149 Resp: 909701
Ion Ratio Lower Upper
149 100
167 27.6 22.2 33.4
279 4.5 3.4 5.2



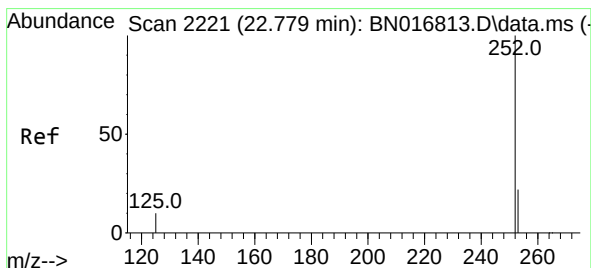
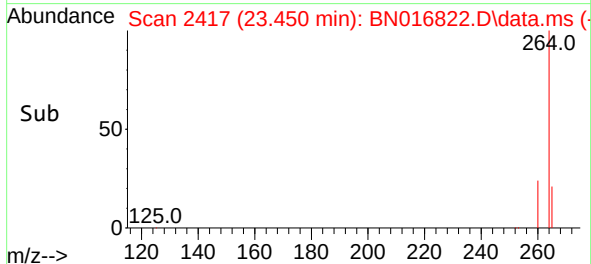
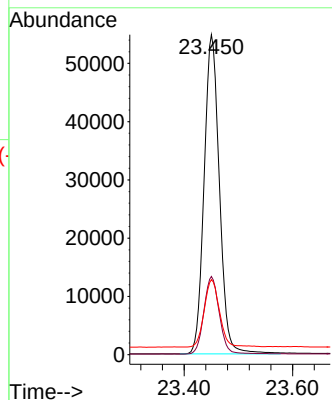


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.450 min Scan# 2417
Delta R.T. -0.003 min
Lab File: BN016822.D
Acq: 08 Oct 2021 00:19

Instrument :
BNA_N
ClientSampleId :
S-820-N-SO-1-1.5-093021

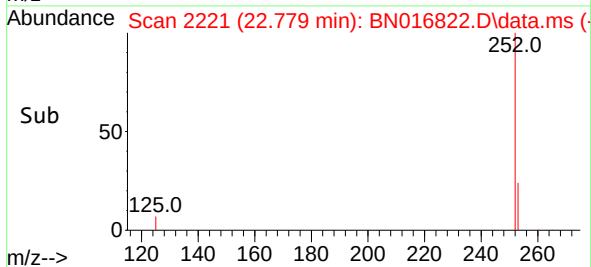
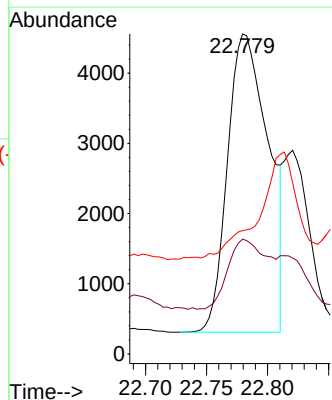
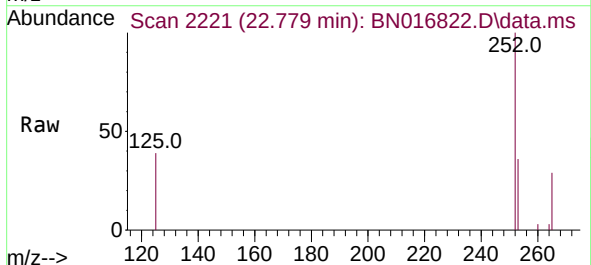


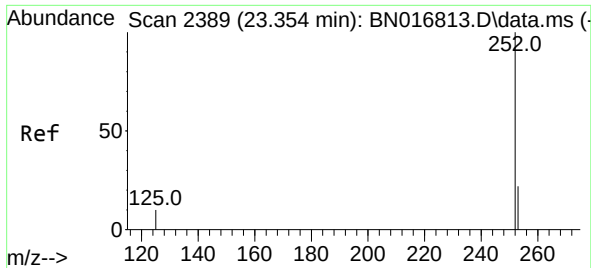
Tgt Ion:264 Resp: 107118
Ion Ratio Lower Upper
264 100
260 24.5 19.8 29.6
265 23.5 20.3 30.5



#37
Benzo(b)fluoranthene
Concen: 0.029 ng
RT: 22.779 min Scan# 2221
Delta R.T. 0.000 min
Lab File: BN016822.D
Acq: 08 Oct 2021 00:19

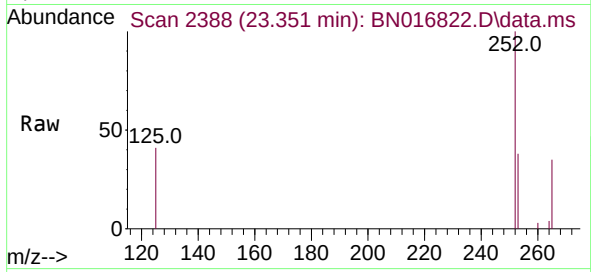
Tgt Ion:252 Resp: 9917
Ion Ratio Lower Upper
252 100
253 35.9 17.8 26.8#
125 38.6 8.3 12.5#





#39
Benzo(a)pyrene
Concen: 0.021 ng
RT: 23.351 min Scan# 2388
Delta R.T. -0.003 min
Lab File: BN016822.D
Acq: 08 Oct 2021 00:19

Instrument :
BNA_N
ClientSampleId :
S-820-N-SO-1-1.5-093021



Tgt Ion:252 Resp: 6651
Ion Ratio Lower Upper
252 100
253 38.0 17.9 26.9#
125 40.7 9.4 14.2#

