

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031122\
 Data File : BN018915.D
 Acq On : 10 Mar 2022 22:37
 Operator : CG/JU
 Sample : N1862-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 V-2-0309-3A

Quant Time: Mar 11 03:05:45 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN030322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 11 03:02:57 2022
 Response via : Initial Calibration

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

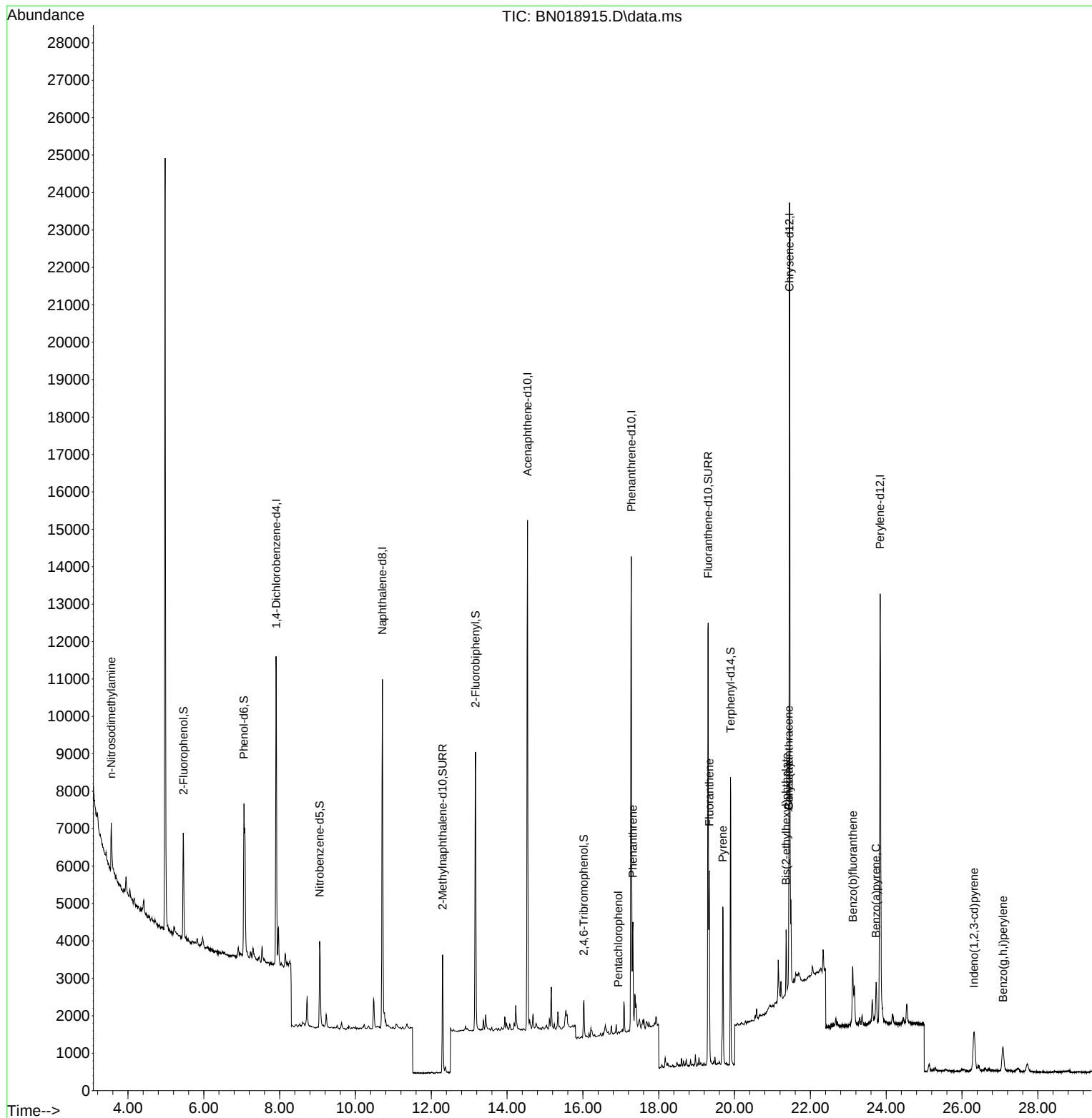
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.912	152	4244	0.400	ng	0.00
7) Naphthalene-d8	10.712	136	12471	0.400	ng	# 0.00
13) Acenaphthene-d10	14.538	164	7923	0.400	ng	0.00
19) Phenanthrene-d10	17.277	188	18548	0.400	ng	# 0.00
29) Chrysene-d12	21.449	240	18276	0.400	ng	# 0.00
35) Perylene-d12	23.840	264	16503	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.464	112	2516	0.271	ng	0.00
5) Phenol-d6	7.060	99	3695	0.332	ng	0.00
8) Nitrobenzene-d5	9.057	82	2180	0.240	ng	0.00
11) 2-Methylnaphthalene-d10	12.299	152	4489	0.221	ng	0.00
14) 2,4,6-Tribromophenol	16.026	330	654	0.179	ng	0.00
15) 2-Fluorobiphenyl	13.169	172	7143	0.210	ng	0.00
27) Fluoranthene-d10	19.303	212	12949	0.237	ng	0.00
31) Terphenyl-d14	19.893	244	8005	0.205	ng	0.00
Target Compounds						
						Qvalue
3) n-Nitrosodimethylamine	3.557	42	242	0.048	ng	# 1
24) Pentachlorophenol	16.938	266	25	0.221	ng	# 87
25) Phenanthrene	17.318	178	3005	0.049	ng	96
28) Fluoranthene	19.333	202	4614	0.066	ng	100
30) Pyrene	19.691	202	3774	0.046	ng	97
32) Benzo(a)anthracene	21.431	228	2022	0.029	ng	# 91
33) Chrysene	21.431	228	1835	0.024	ng	93
34) Bis(2-ethylhexyl)phtha...	21.360	149	1868	0.044	ng	# 91
36) Indeno(1,2,3-cd)pyrene	26.314	276	1583	0.021	ng	# 83
37) Benzo(b)fluoranthene	23.118	252	2465	0.032	ng	# 40
39) Benzo(a)pyrene	23.735	252	1585	0.027	ng	# 31
41) Benzo(g,h,i)perylene	27.082	276	1573	0.026	ng	# 79

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

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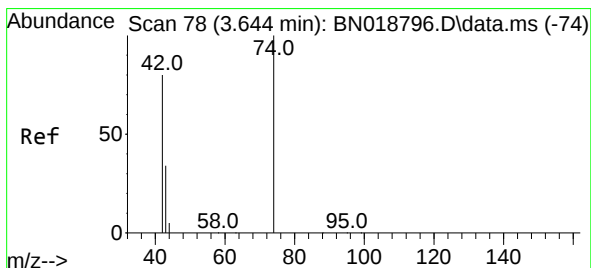
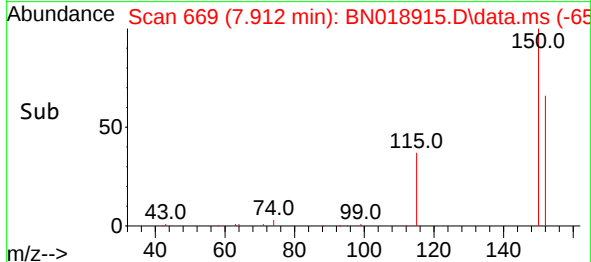
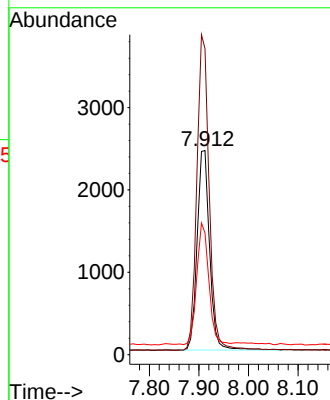
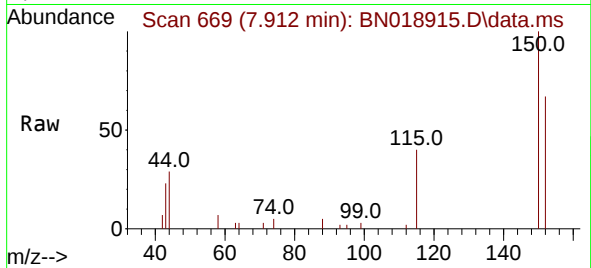




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.912 min Scan# 60
Delta R.T. 0.000 min
Lab File: BN018915.D
Acq: 10 Mar 2022 22:37

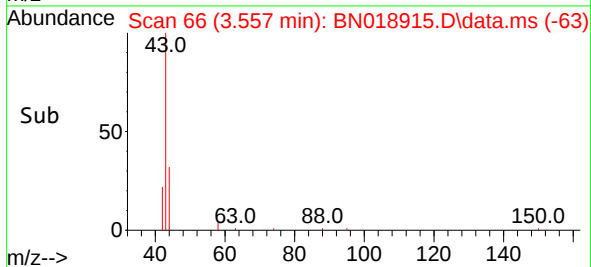
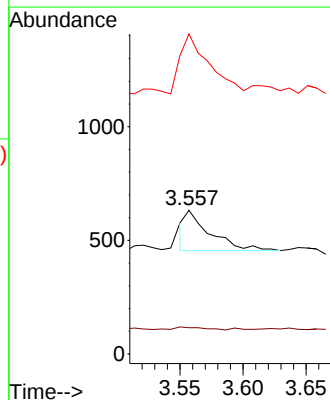
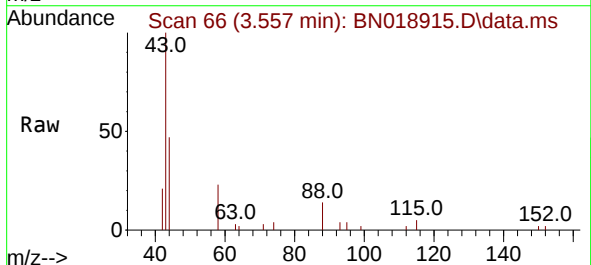
Instrument :
BNA_N
ClientSampleId :
V-2-0309-3A

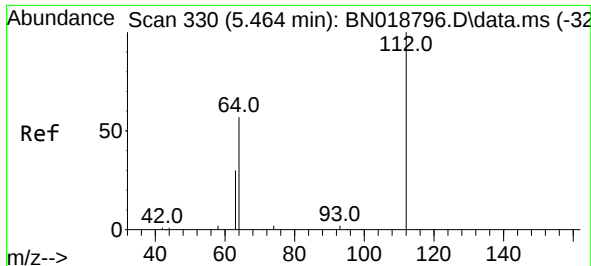
Tgt Ion:152 Resp: 4244
Ion Ratio Lower Upper
152 100
150 149.9 123.9 185.9
115 59.6 48.2 72.4



#3
n-Nitrosodimethylamine
Concen: 0.048 ng
RT: 3.557 min Scan# 66
Delta R.T. -0.079 min
Lab File: BN018915.D
Acq: 10 Mar 2022 22:37

Tgt Ion: 42 Resp: 242
Ion Ratio Lower Upper
42 100
74 0.0 96.9 145.3#
44 128.5 7.3 10.9#

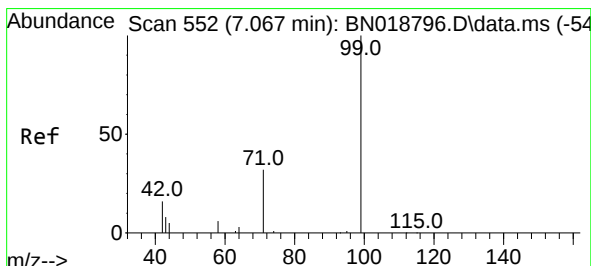
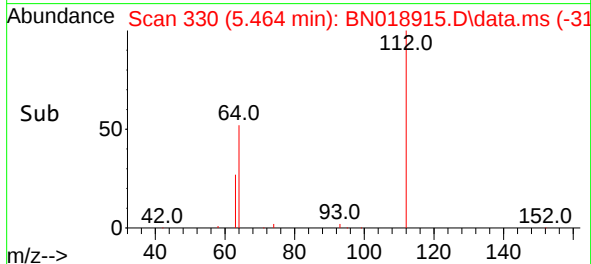
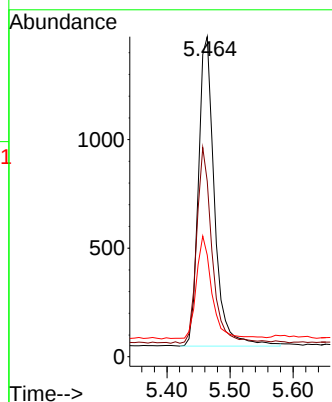
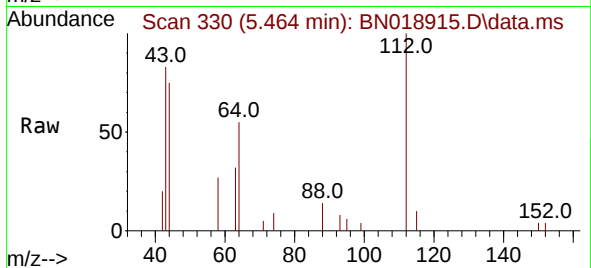




#4
2-Fluorophenol
Concen: 0.271 ng
RT: 5.464 min Scan# 31
Delta R.T. 0.007 min
Lab File: BN018915.D
Acq: 10 Mar 2022 22:37

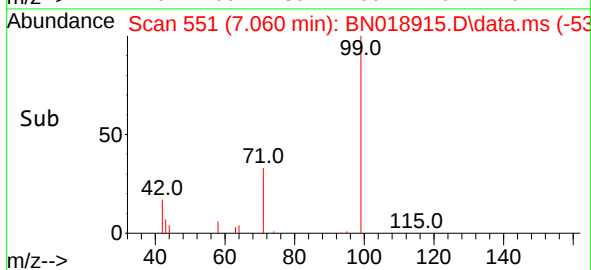
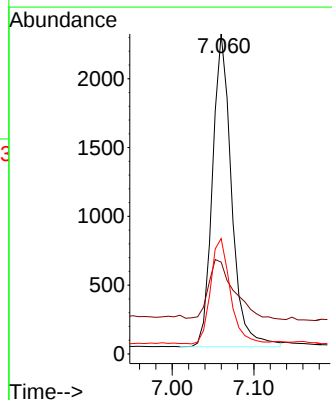
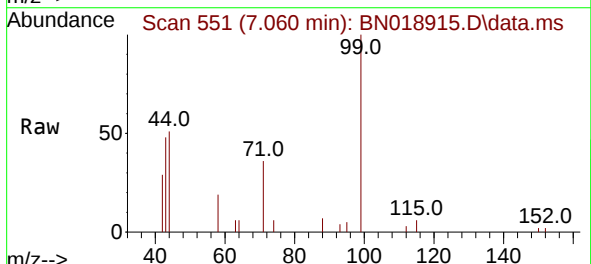
Instrument :
BNA_N
ClientSampleId :
V-2-0309-3A

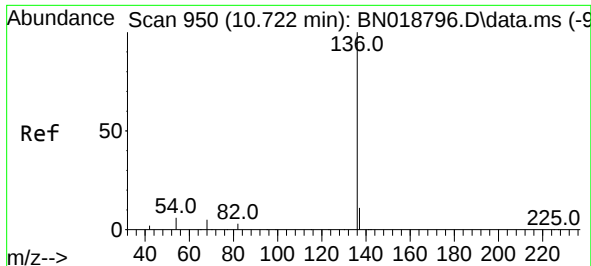
Tgt Ion:	112	Resp:	2516
Ion	Ratio	Lower	Upper
112	100		
64	60.6	47.8	71.8
63	31.4	25.7	38.5



#5
Phenol-d6
Concen: 0.332 ng
RT: 7.060 min Scan# 551
Delta R.T. -0.000 min
Lab File: BN018915.D
Acq: 10 Mar 2022 22:37

Tgt Ion:	99	Resp:	3695
Ion	Ratio	Lower	Upper
99	100		
42	25.4	16.2	24.4#
71	34.6	27.7	41.5

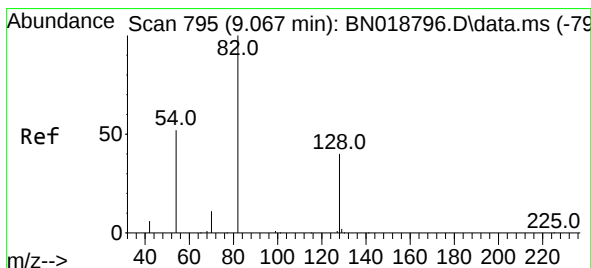
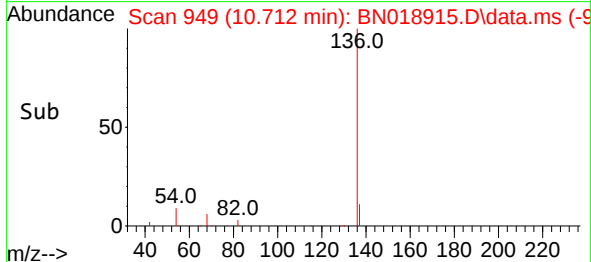
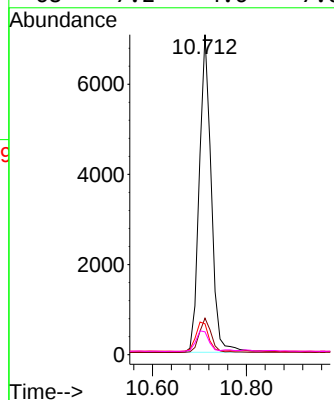
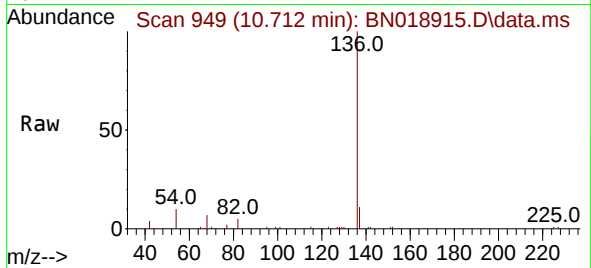




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.712 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN018915.D
Acq: 10 Mar 2022 22:37

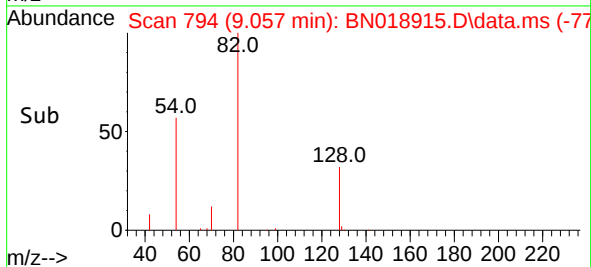
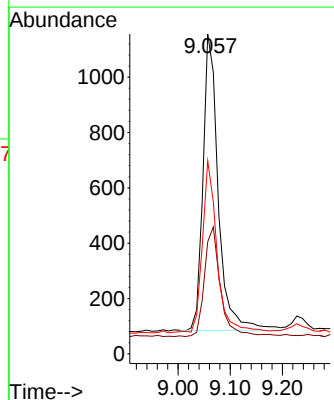
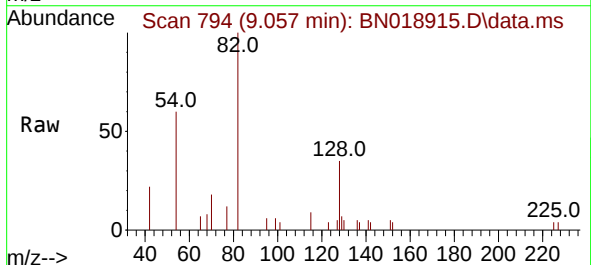
Instrument :
BNA_N
ClientSampleId :
V-2-0309-3A

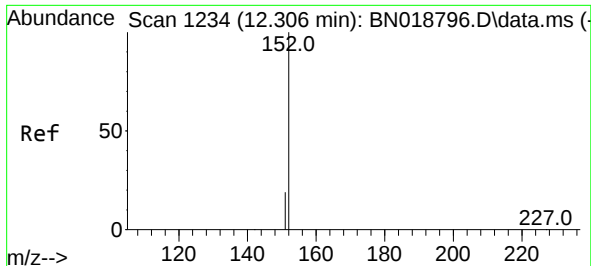
Tgt Ion:	136	Resp:	12471
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.0	13.4
54	9.6	5.8	8.6#
68	7.2	4.6	7.0#



#8
Nitrobenzene-d5
Concen: 0.240 ng
RT: 9.057 min Scan# 794
Delta R.T. -0.000 min
Lab File: BN018915.D
Acq: 10 Mar 2022 22:37

Tgt Ion:	82	Resp:	2180
Ion Ratio	Lower	Upper	
82	100		
128	35.0	33.0	49.6
54	60.3	42.5	63.7

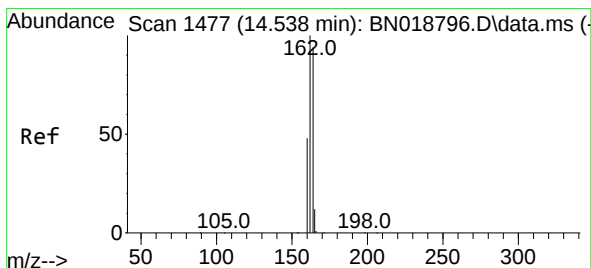
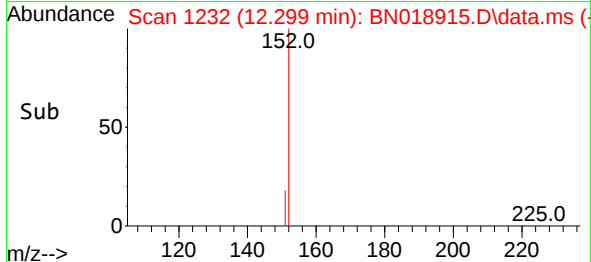
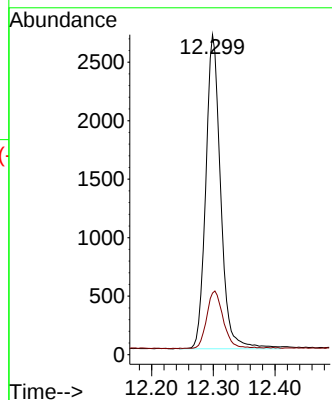
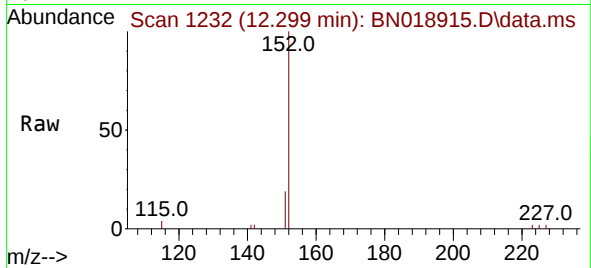




#11
2-Methylnaphthalene-d10
Concen: 0.221 ng
RT: 12.299 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN018915.D
Acq: 10 Mar 2022 22:37

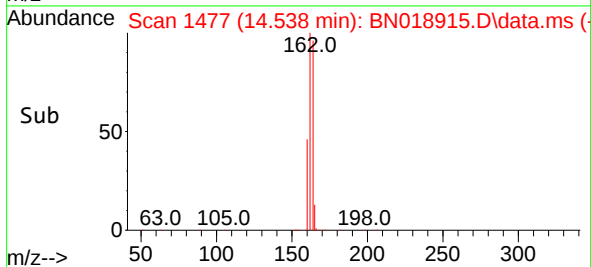
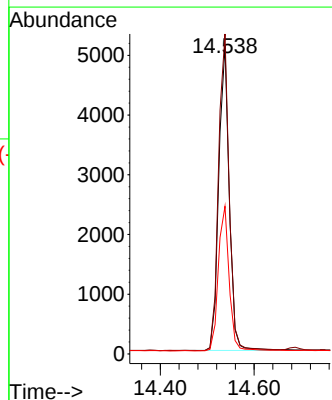
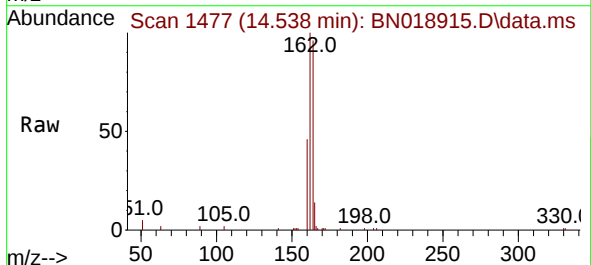
Instrument :
BNA_N
ClientSampleId :
V-2-0309-3A

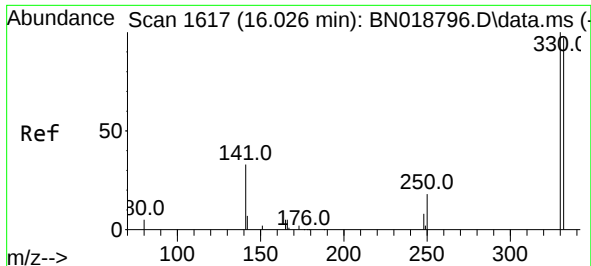
Tgt Ion:152 Resp: 4489
Ion Ratio Lower Upper
152 100
151 20.3 16.5 24.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.538 min Scan# 1477
Delta R.T. -0.000 min
Lab File: BN018915.D
Acq: 10 Mar 2022 22:37

Tgt Ion:164 Resp: 7923
Ion Ratio Lower Upper
164 100
162 103.8 85.2 127.8
160 47.9 41.5 62.3

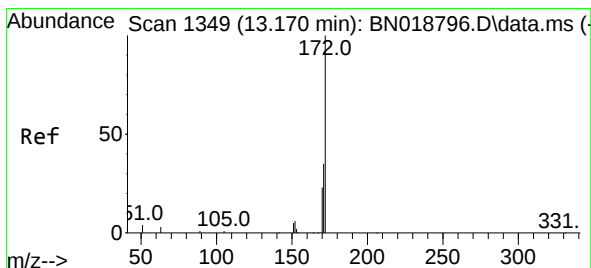
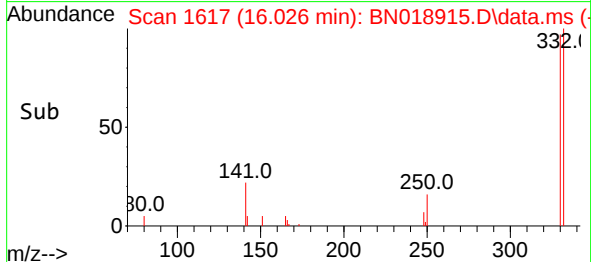
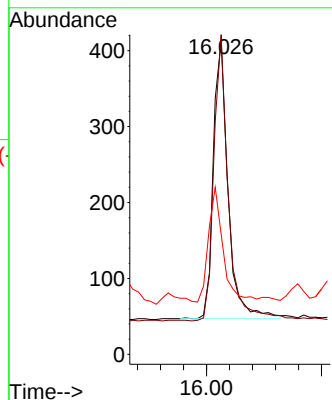
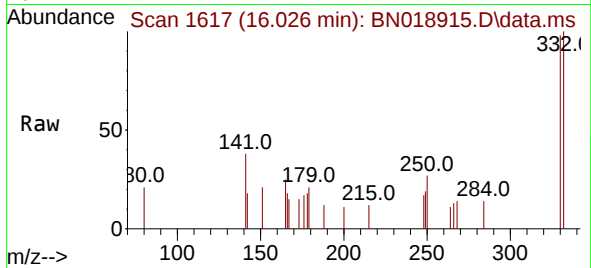




#14
2,4,6-Tribromophenol
Concen: 0.179 ng
RT: 16.026 min Scan# 1617
Delta R.T. -0.000 min
Lab File: BN018915.D
Acq: 10 Mar 2022 22:37

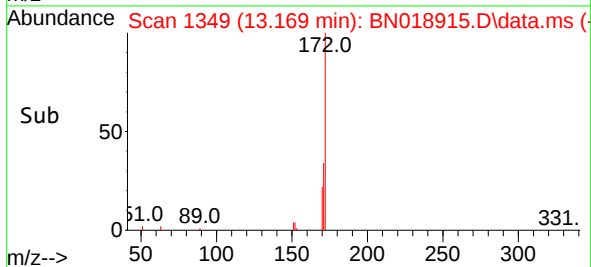
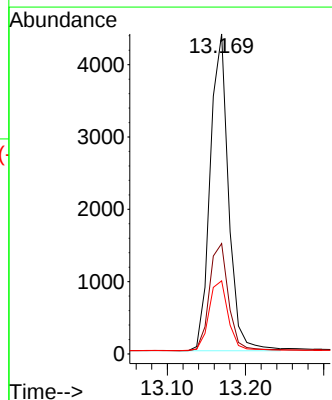
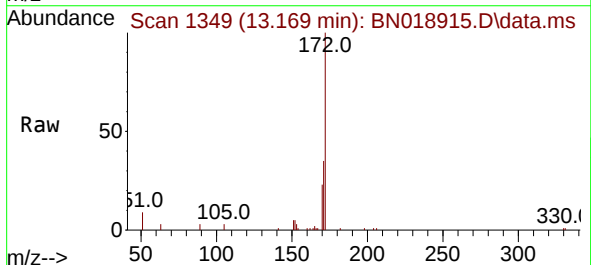
Instrument :
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ClientSampleId :
V-2-0309-3A

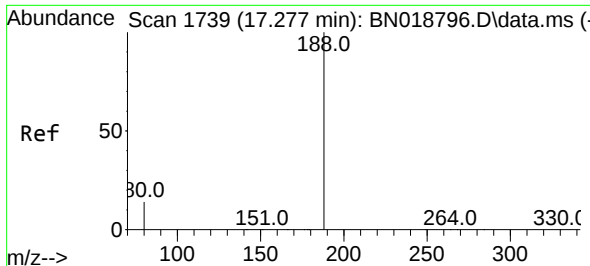
Tgt Ion:330 Resp: 654
Ion Ratio Lower Upper
330 100
332 101.7 76.8 115.2
141 39.8 32.2 48.2



#15
2-Fluorobiphenyl
Concen: 0.210 ng
RT: 13.169 min Scan# 1349
Delta R.T. -0.000 min
Lab File: BN018915.D
Acq: 10 Mar 2022 22:37

Tgt Ion:172 Resp: 7143
Ion Ratio Lower Upper
172 100
171 34.5 28.2 42.2
170 22.9 18.7 28.1

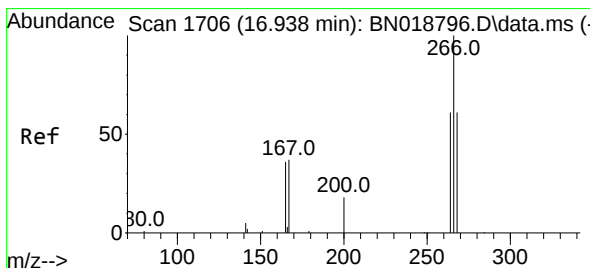
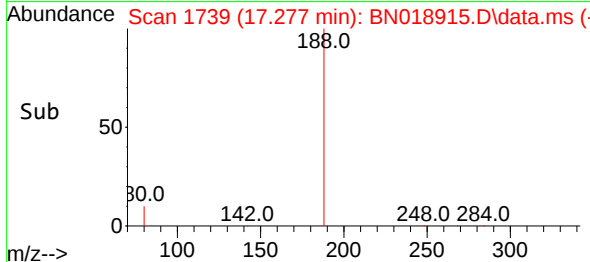
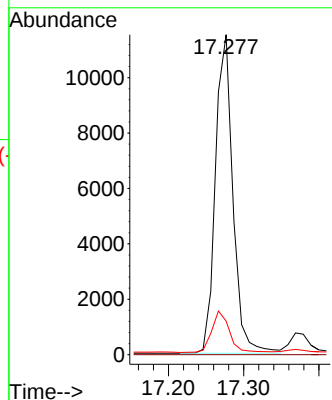
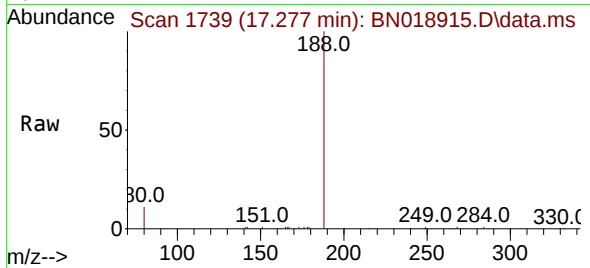




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.277 min Scan# 1739
Delta R.T. -0.000 min
Lab File: BN018915.D
Acq: 10 Mar 2022 22:37

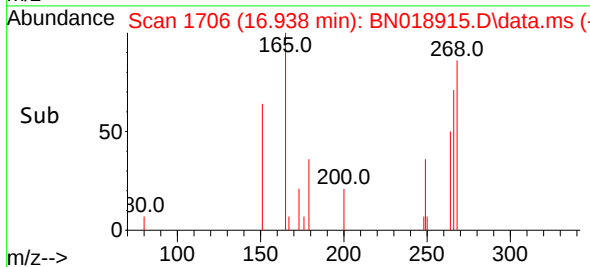
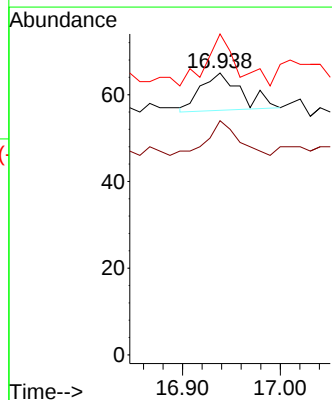
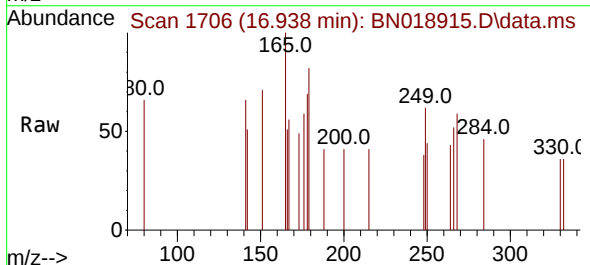
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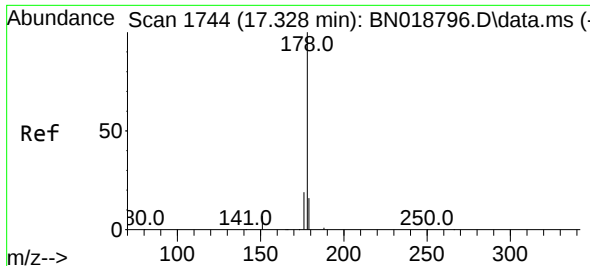
Tgt Ion:188 Resp: 18548
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.5 11.8 17.8#



#24
Pentachlorophenol
Concen: 0.221 ng
RT: 16.938 min Scan# 1706
Delta R.T. 0.010 min
Lab File: BN018915.D
Acq: 10 Mar 2022 22:37

Tgt Ion:266 Resp: 25
Ion Ratio Lower Upper
266 100
264 68.0 50.2 75.4
268 80.0 51.9 77.9#

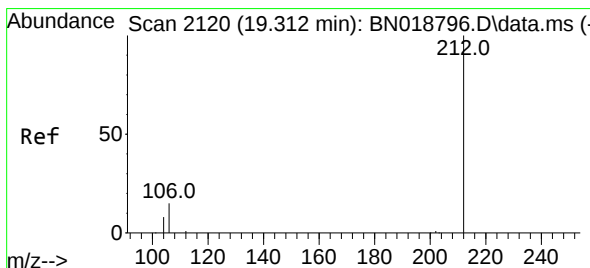
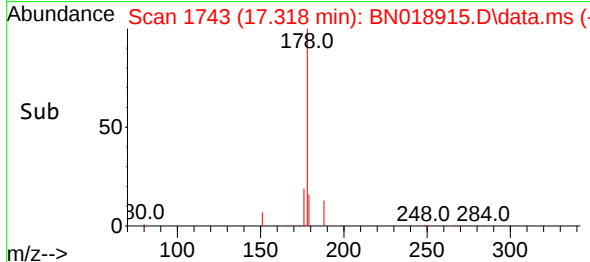
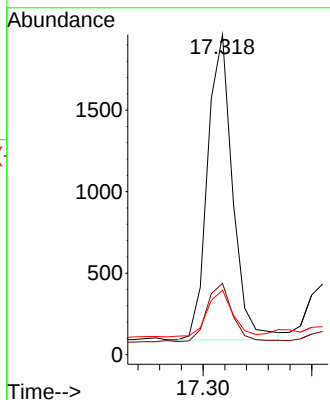
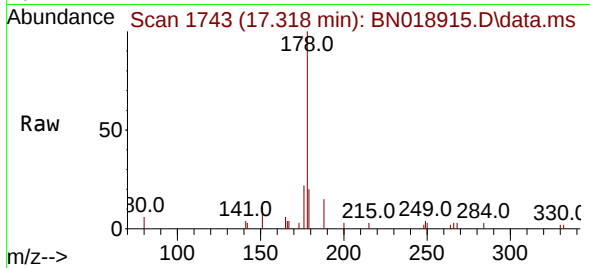




#25
Phenanthrene
Concen: 0.049 ng
RT: 17.318 min Scan# 1118
Delta R.T. -0.000 min
Lab File: BN018915.D
Acq: 10 Mar 2022 22:37

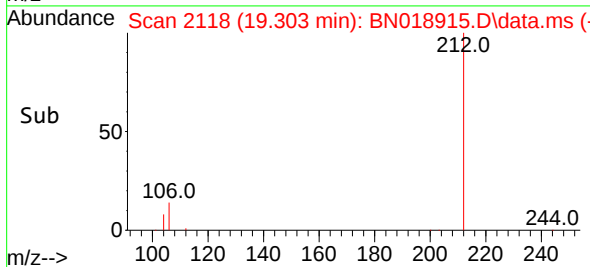
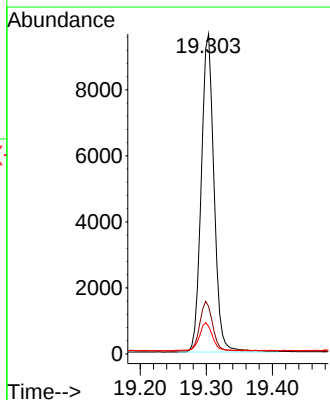
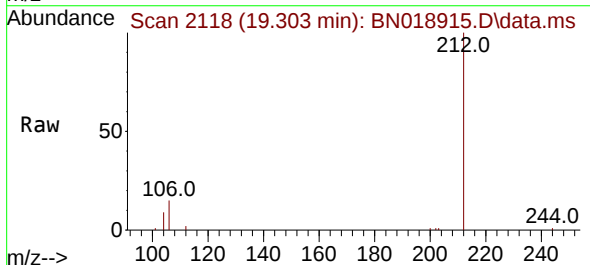
Instrument :
BNA_N
ClientSampleId :
V-2-0309-3A

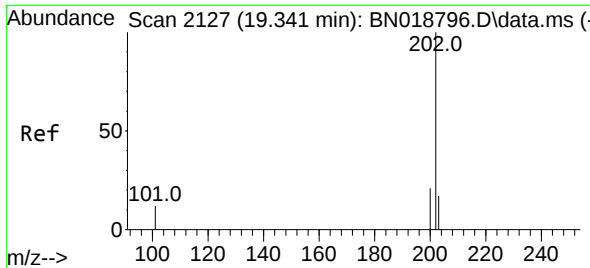
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Ion Ratio Lower Upper
178 100
176 20.3 15.4 23.0
179 17.8 12.2 18.2



#27
Fluoranthene-d10
Concen: 0.237 ng
RT: 19.303 min Scan# 2118
Delta R.T. -0.000 min
Lab File: BN018915.D
Acq: 10 Mar 2022 22:37

Tgt Ion:212 Resp: 12949
Ion Ratio Lower Upper
212 100
106 15.8 12.7 19.1
104 9.2 7.1 10.7

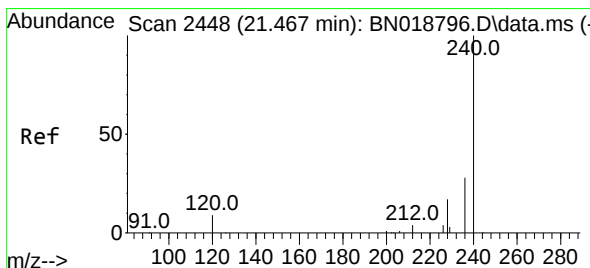
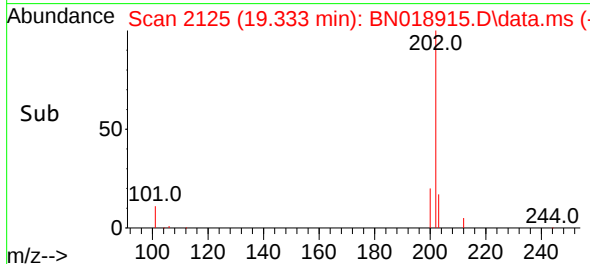
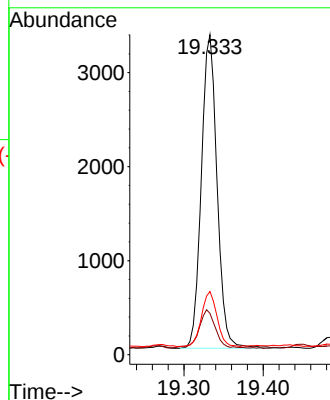
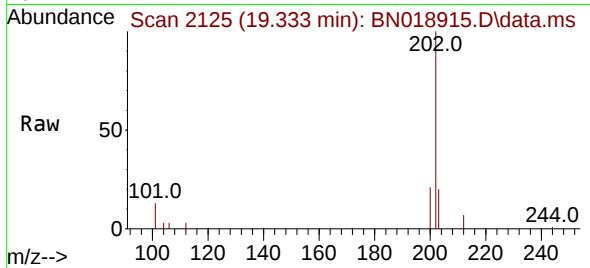




#28
Fluoranthene
Concen: 0.066 ng
RT: 19.333 min Scan# 2125
Delta R.T. -0.000 min
Lab File: BN018915.D
Acq: 10 Mar 2022 22:37

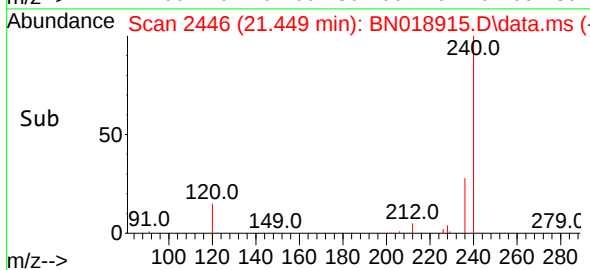
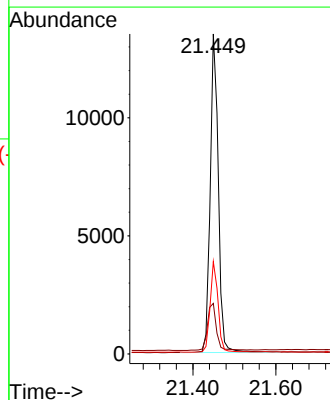
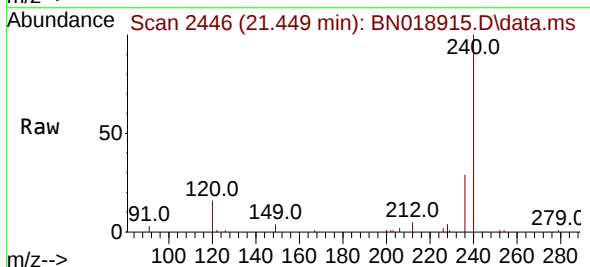
Instrument :
BNA_N
ClientSampleId :
V-2-0309-3A

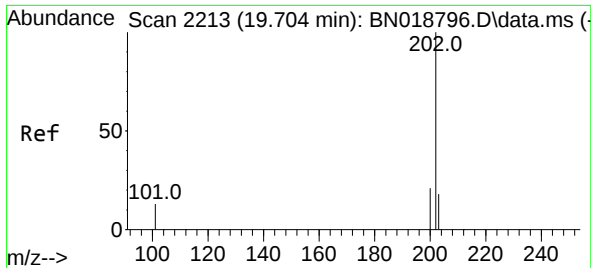
Tgt Ion:202 Resp: 4614
Ion Ratio Lower Upper
202 100
101 12.5 9.8 14.6
203 17.2 13.7 20.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.449 min Scan# 2446
Delta R.T. -0.000 min
Lab File: BN018915.D
Acq: 10 Mar 2022 22:37

Tgt Ion:240 Resp: 18276
Ion Ratio Lower Upper
240 100
120 15.8 8.5 12.7#
236 28.8 22.4 33.6

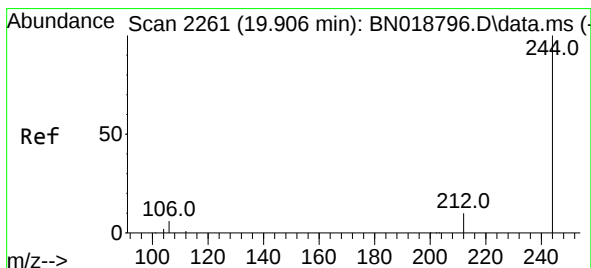
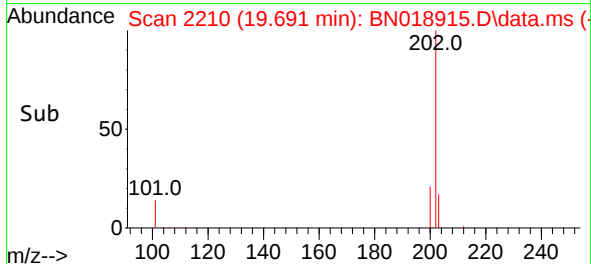
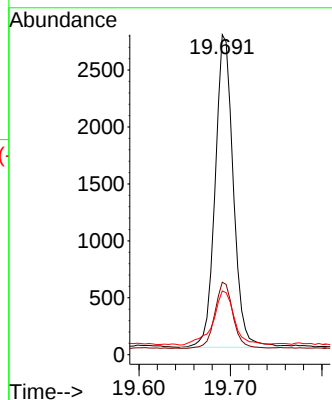
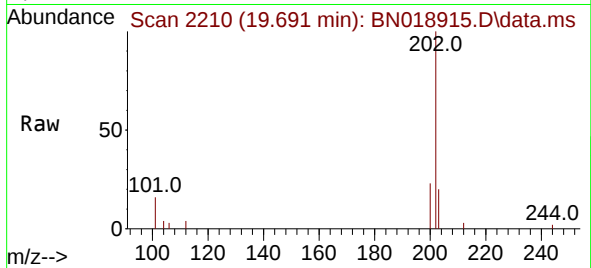




#30
Pyrene
Concen: 0.046 ng
RT: 19.691 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN018915.D
Acq: 10 Mar 2022 22:37

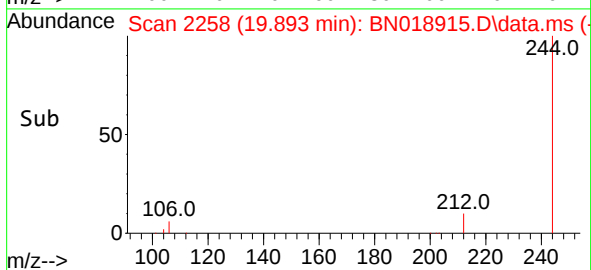
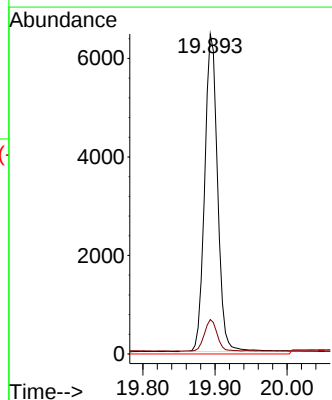
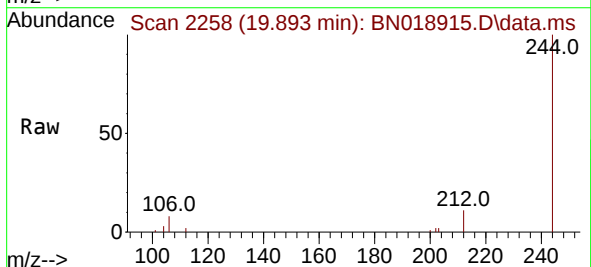
Instrument :
BNA_N
ClientSampleId :
V-2-0309-3A

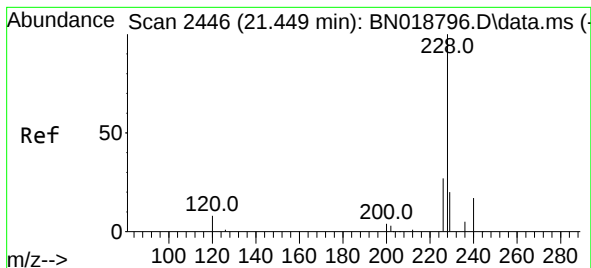
Tgt Ion:202 Resp: 3774
Ion Ratio Lower Upper
202 100
200 21.1 16.9 25.3
203 20.2 14.2 21.2



#31
Terphenyl-d14
Concen: 0.205 ng
RT: 19.893 min Scan# 2258
Delta R.T. -0.004 min
Lab File: BN018915.D
Acq: 10 Mar 2022 22:37

Tgt Ion:244 Resp: 8005
Ion Ratio Lower Upper
244 100
212 10.8 8.2 12.4
122 0.0 0.0 0.0





#32

Benzo(a)anthracene

Concen: 0.029 ng

RT: 21.431 min Scan# 2444

Delta R.T. -0.009 min

Lab File: BN018915.D

Acq: 10 Mar 2022 22:37

Instrument :

BNA_N

ClientSampleId :

V-2-0309-3A

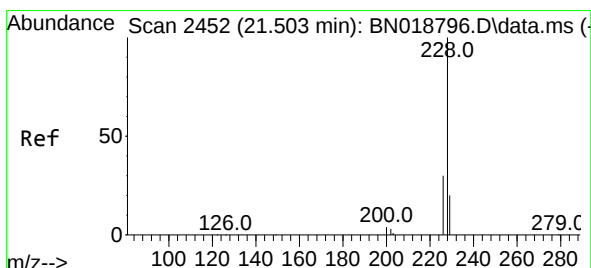
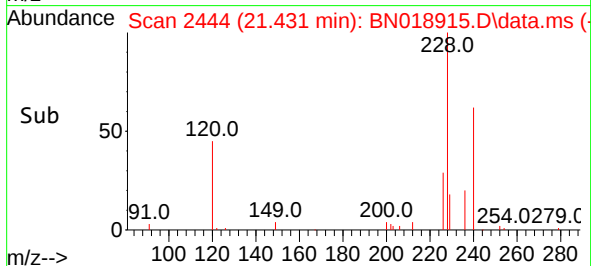
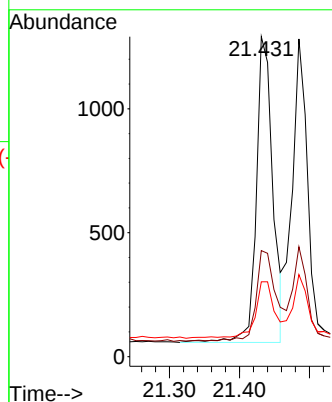
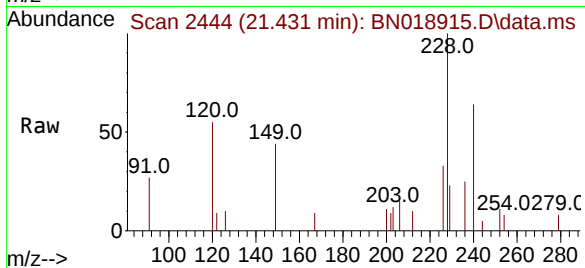
Tgt Ion:228 Resp: 2022

Ion Ratio Lower Upper

228 100

226 33.2 21.9 32.9#

229 23.4 16.0 24.0



#33

Chrysene

Concen: 0.024 ng

RT: 21.431 min Scan# 2444

Delta R.T. -0.054 min

Lab File: BN018915.D

Acq: 10 Mar 2022 22:37

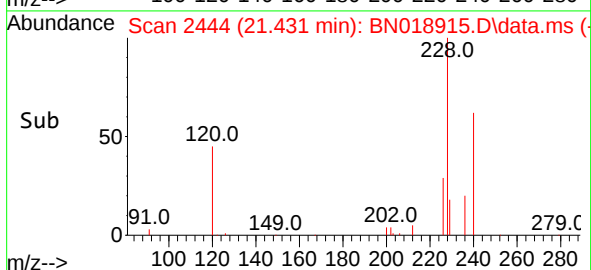
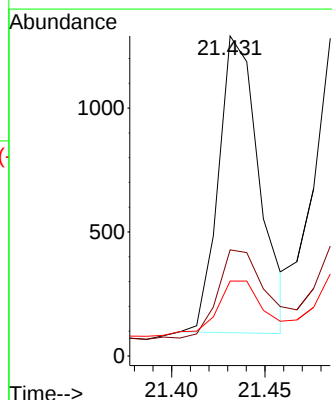
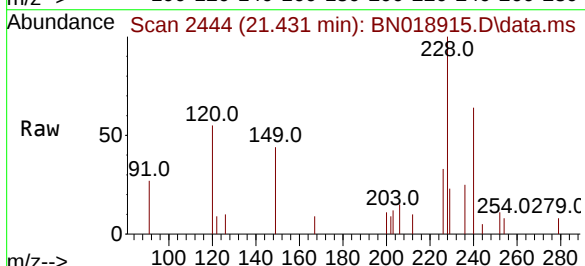
Tgt Ion:228 Resp: 1835

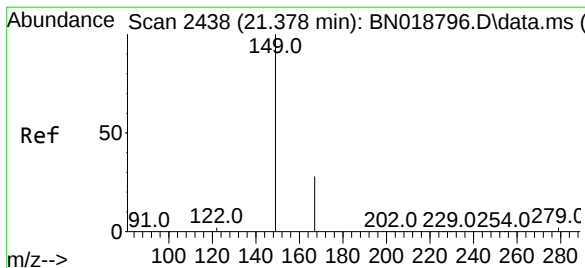
Ion Ratio Lower Upper

228 100

226 33.2 24.0 36.0

229 23.4 15.9 23.9

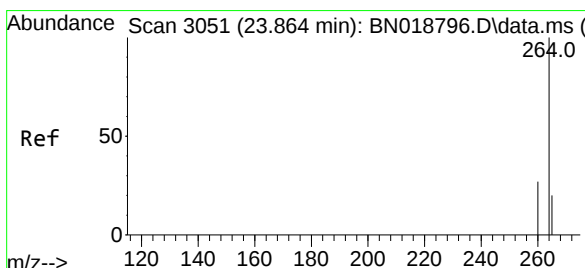
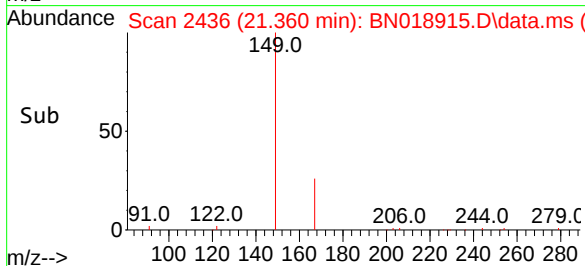
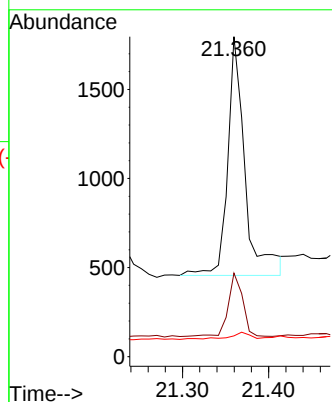
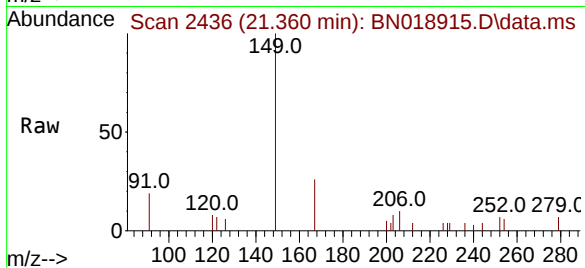




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.044 ng
 RT: 21.360 min Scan# 2436
 Delta R.T. -0.009 min
 Lab File: BN018915.D
 Acq: 10 Mar 2022 22:37

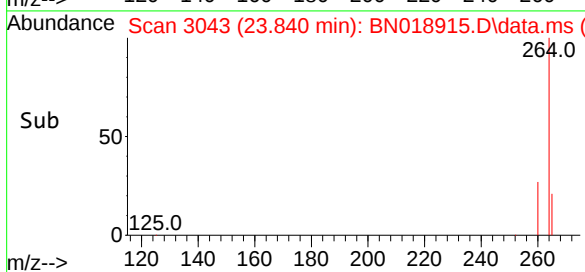
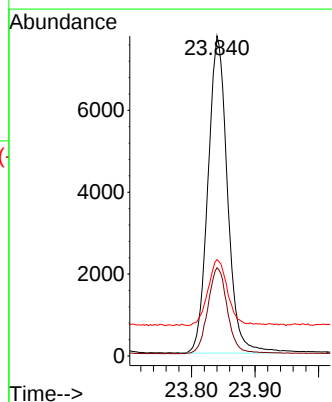
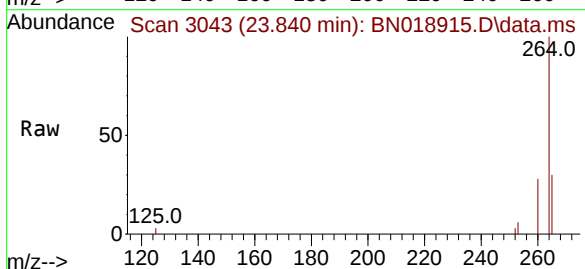
Instrument :
 BNA_N
 ClientSampleId :
 V-2-0309-3A

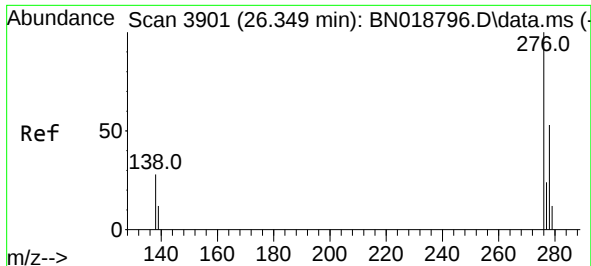
Tgt Ion:149 Resp: 1868
 Ion Ratio Lower Upper
 149 100
 167 22.2 21.8 32.8
 279 3.9 2.0 3.0#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.840 min Scan# 3043
 Delta R.T. -0.003 min
 Lab File: BN018915.D
 Acq: 10 Mar 2022 22:37

Tgt Ion:264 Resp: 16503
 Ion Ratio Lower Upper
 264 100
 260 27.6 22.4 33.6
 265 30.1 25.3 37.9

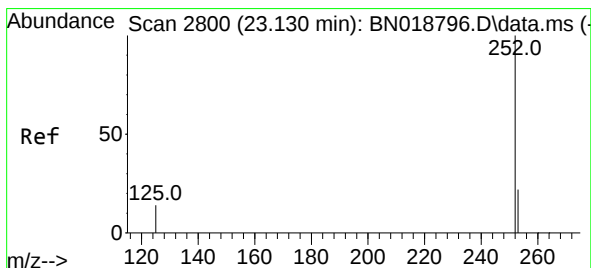
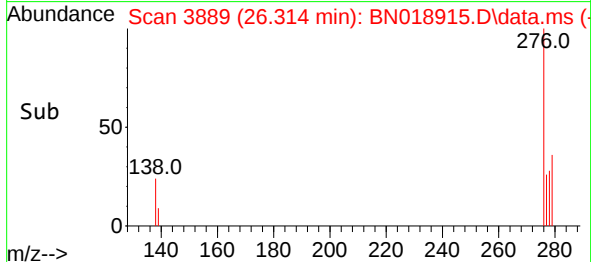
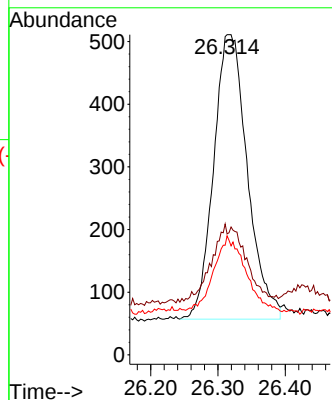
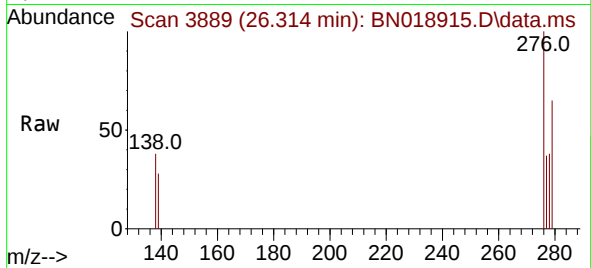




#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.021 ng
 RT: 26.314 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BN018915.D
 Acq: 10 Mar 2022 22:37

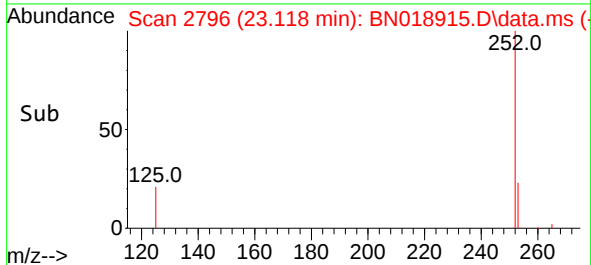
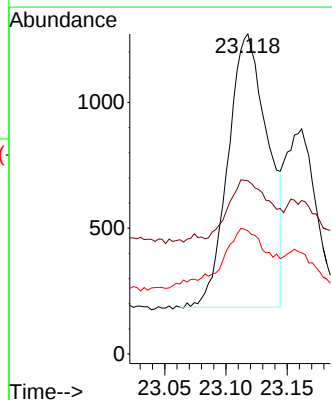
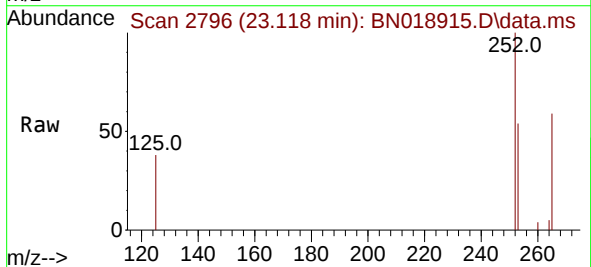
Instrument :
 BNA_N
 ClientSampleId :
 V-2-0309-3A

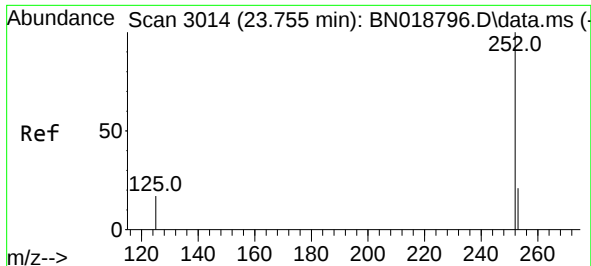
Tgt Ion:276 Resp: 1583
 Ion Ratio Lower Upper
 276 100
 138 14.7 24.5 36.7#
 277 25.8 19.8 29.8



#37
 Benzo(b)fluoranthene
 Concen: 0.032 ng
 RT: 23.118 min Scan# 2796
 Delta R.T. 0.003 min
 Lab File: BN018915.D
 Acq: 10 Mar 2022 22:37

Tgt Ion:252 Resp: 2465
 Ion Ratio Lower Upper
 252 100
 253 54.1 18.9 28.3#
 125 38.4 12.1 18.1#





#39

Benzo(a)pyrene

Concen: 0.027 ng

RT: 23.735 min Scan# 3014

Delta R.T. -0.003 min

Lab File: BN018915.D

Acq: 10 Mar 2022 22:37

Instrument :

BNA_N

ClientSampleId :

V-2-0309-3A

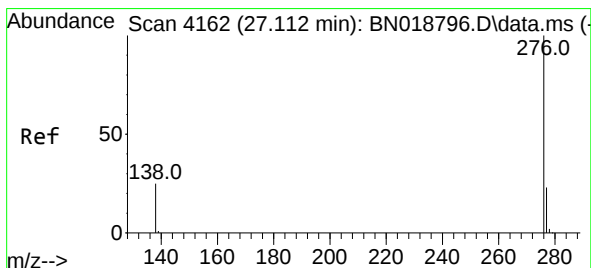
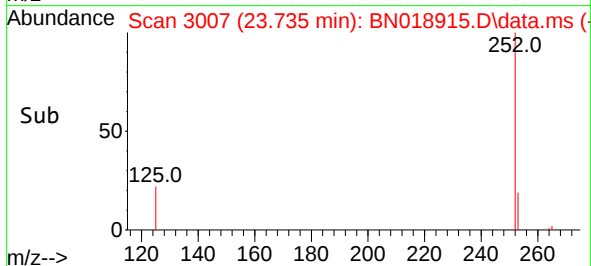
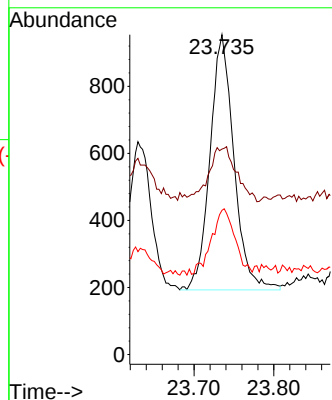
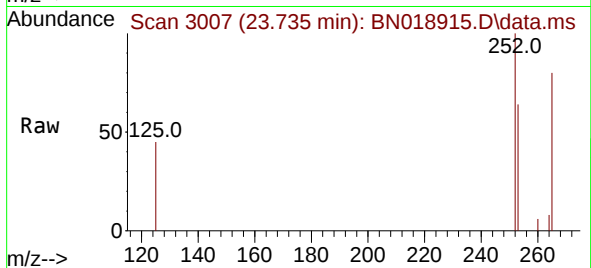
Tgt Ion:252 Resp: 1585

Ion Ratio Lower Upper

252 100

253 64.3 20.1 30.1#

125 45.1 15.2 22.8#



#41

Benzo(g,h,i)perylene

Concen: 0.026 ng

RT: 27.082 min Scan# 4152

Delta R.T. -0.000 min

Lab File: BN018915.D

Acq: 10 Mar 2022 22:37

Tgt Ion:276 Resp: 1573

Ion Ratio Lower Upper

276 100

277 33.7 19.4 29.0#

138 38.0 21.0 31.6#

