

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011322\
 Data File : BN018396.D
 Acq On : 13 Jan 2022 15:37
 Operator : CG/JU
 Sample : PB142013BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB142013BL

Quant Time: Jan 13 20:20:29 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN010722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 10 13:58:28 2022
 Response via : Initial Calibration

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

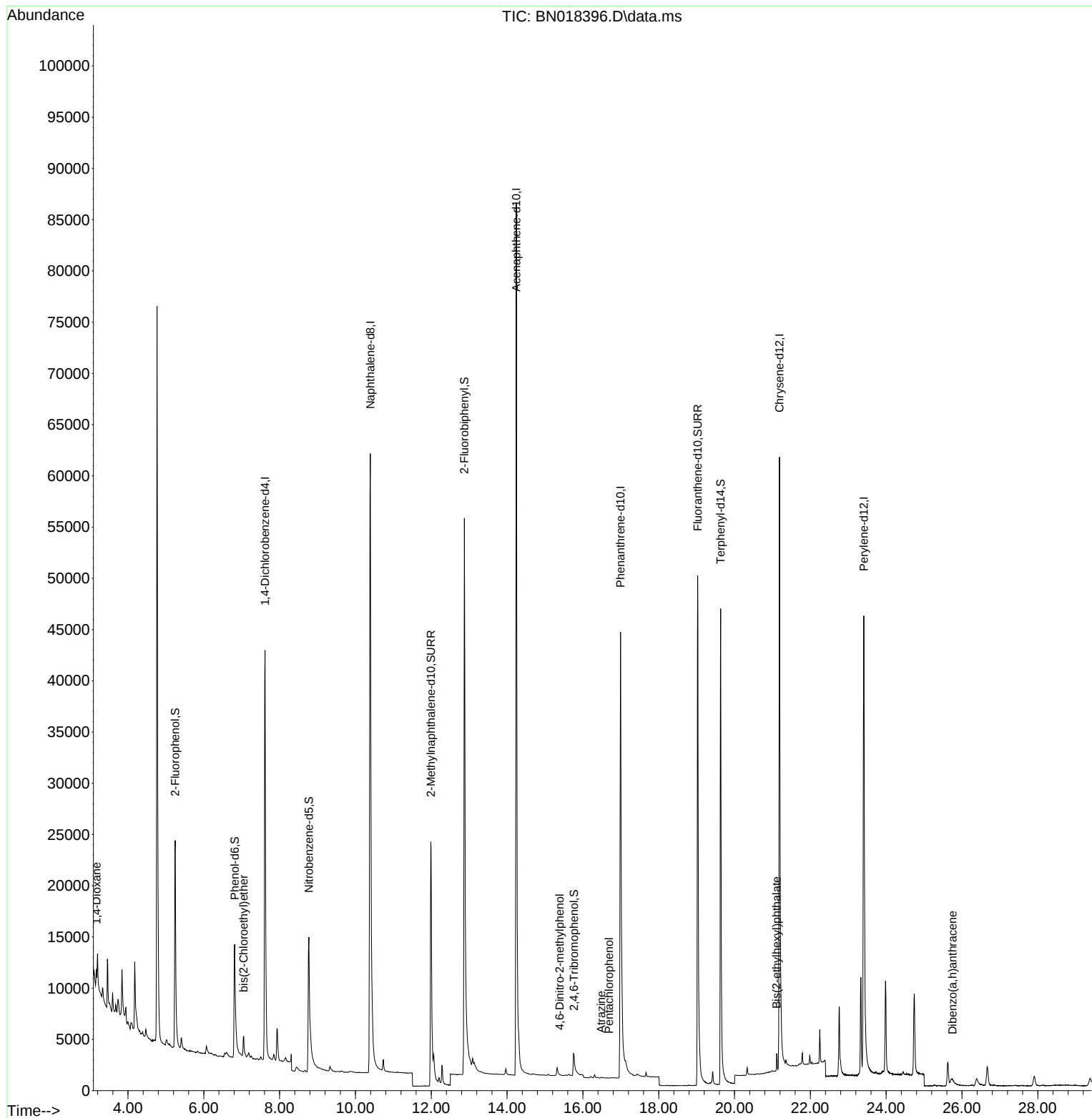
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.615	152	25627	0.400	ng	0.00
7) Naphthalene-d8	10.394	136	115553	0.400	ng	-0.01
13) Acenaphthene-d10	14.243	164	58090	0.400	ng	-0.01
19) Phenanthrene-d10	16.993	188	94803	0.400	ng	# 0.00
29) Chrysene-d12	21.185	240	73230	0.400	ng	# 0.00
35) Perylene-d12	23.409	264	74577	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.245	112	21480	0.341	ng	0.00
5) Phenol-d6	6.813	99	15721	0.249	ng	0.00
8) Nitrobenzene-d5	8.772	82	20652	0.361	ng	0.00
11) 2-Methylnaphthalene-d10	11.990	152	49490	0.274	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	3197	0.293	ng	0.01
15) 2-Fluorobiphenyl	12.873	172	66396	0.317	ng	-0.01
27) Fluoranthene-d10	19.028	212	76263	0.282	ng	0.00
31) Terphenyl-d14	19.634	244	62215	0.393	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.170	88	307	0.021	ng	# 1
6) bis(2-Chloroethyl)ether	7.052	93	1868	0.027	ng	95
20) 4,6-Dinitro-2-methylph...	15.385	198	1	0.201	ng	# 1
23) Atrazine	16.482	200	112	0.100	ng	# 41
24) Pentachlorophenol	16.689	266	2	0.337	ng	# 19
34) Bis(2-ethylhexyl)phtha...	21.111	149	1872	0.220	ng	94
40) Dibenzo(a,h)anthracene	25.747	278	457	0.041	ng	# 1

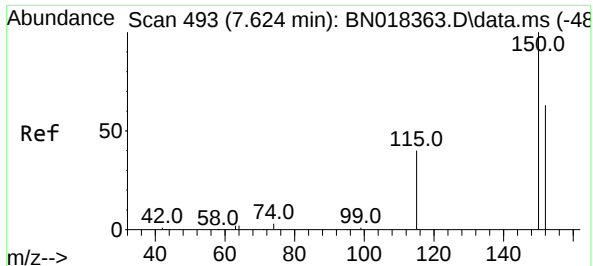
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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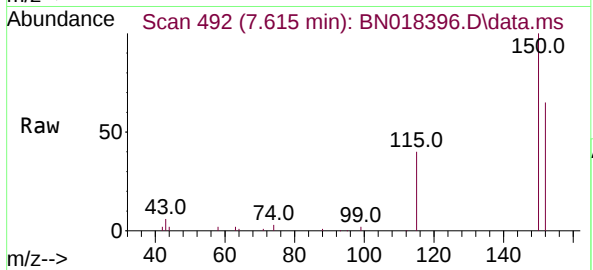
Quant Time: Jan 13 20:20:29 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN010722.M
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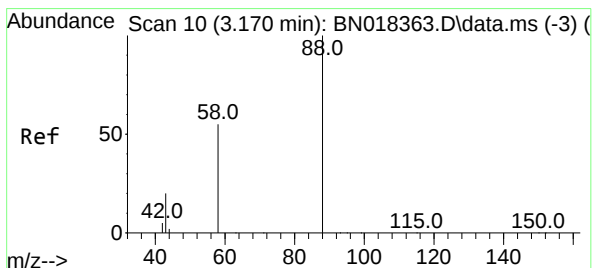
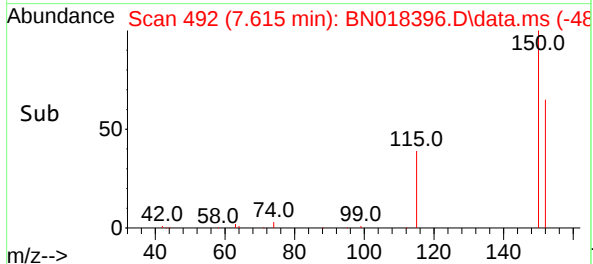
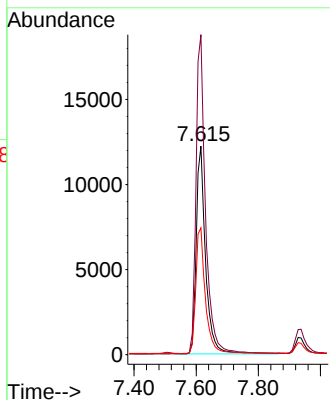


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.615 min Scan# 49
 Delta R.T. -0.009 min
 Lab File: BN018396.D
 Acq: 13 Jan 2022 15:37

Instrument :
 BNA_N
 ClientSampleId :
 PB142013BL

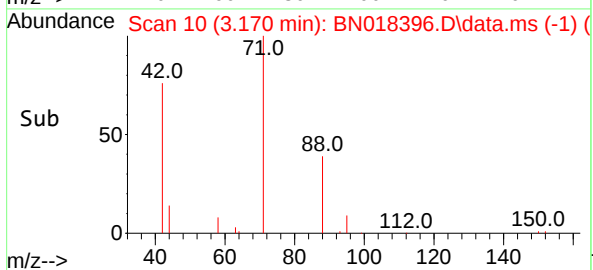
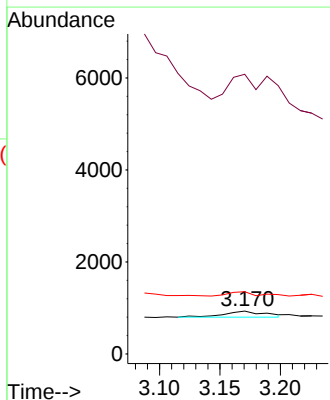
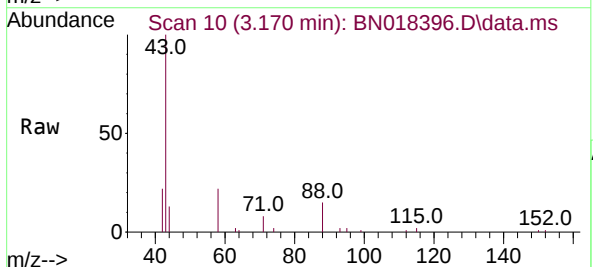


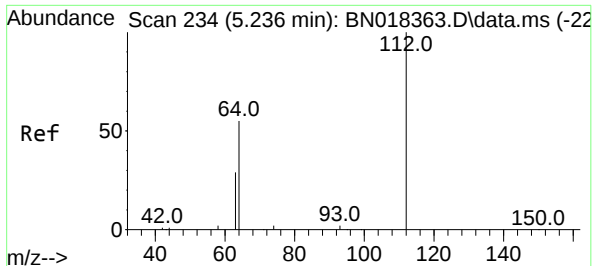
Tgt Ion:152 Resp: 25627
 Ion Ratio Lower Upper
 152 100
 150 153.5 121.7 182.5
 115 60.9 43.8 65.8



#2
 1,4-Dioxane
 Concen: 0.021 ng
 RT: 3.170 min Scan# 10
 Delta R.T. 0.000 min
 Lab File: BN018396.D
 Acq: 13 Jan 2022 15:37

Tgt Ion: 88 Resp: 307
 Ion Ratio Lower Upper
 88 100
 43 384.4 69.7 104.5#
 58 50.5 83.8 125.8#

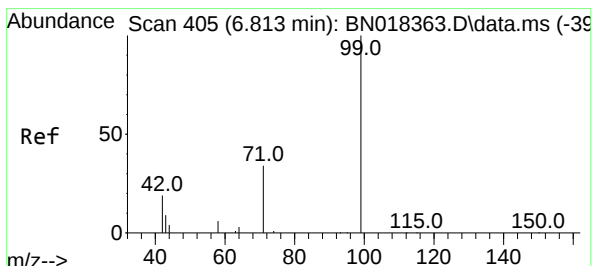
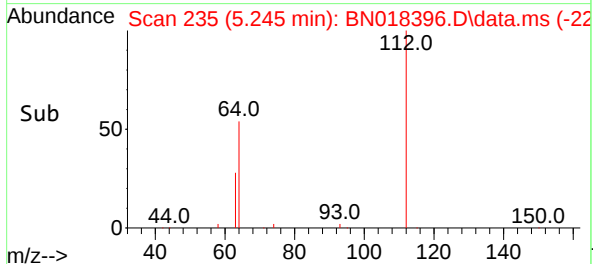
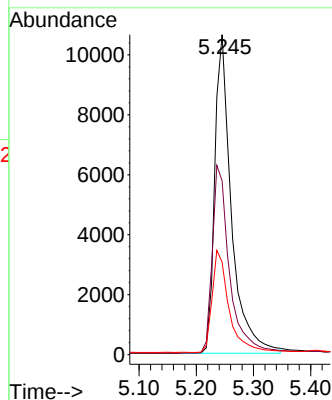
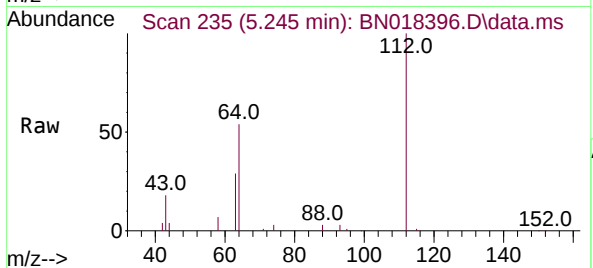




#4
2-Fluorophenol
Concen: 0.341 ng
RT: 5.245 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN018396.D
Acq: 13 Jan 2022 15:37

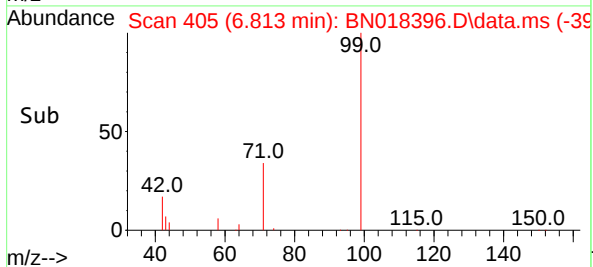
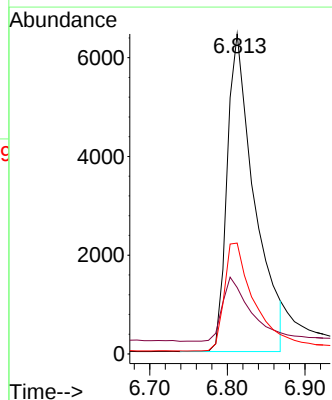
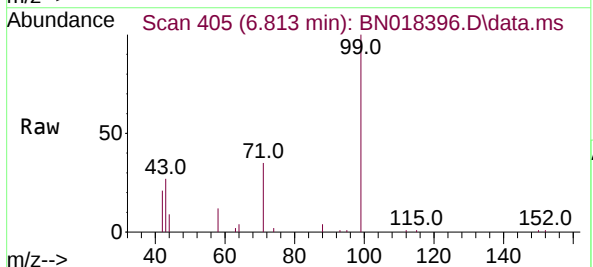
Instrument :
BNA_N
ClientSampleId :
PB142013BL

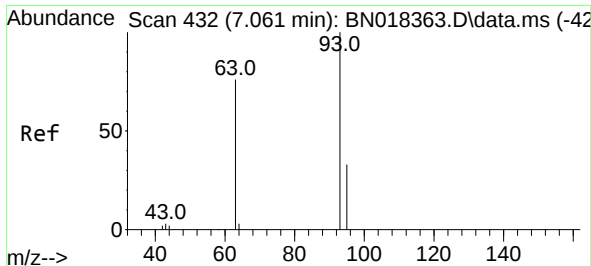
Tgt Ion:112 Resp: 21480
Ion Ratio Lower Upper
112 100
64 60.8 48.0 72.0
63 32.5 25.3 37.9



#5
Phenol-d6
Concen: 0.249 ng
RT: 6.813 min Scan# 405
Delta R.T. -0.000 min
Lab File: BN018396.D
Acq: 13 Jan 2022 15:37

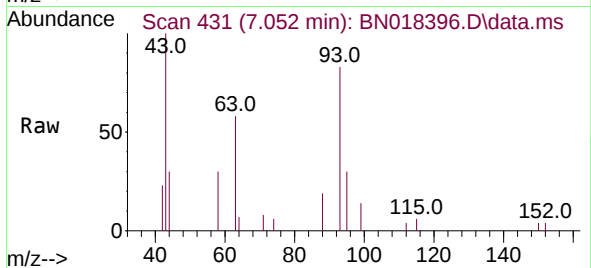
Tgt Ion: 99 Resp: 15721
Ion Ratio Lower Upper
99 100
42 20.5 16.3 24.5
71 36.3 26.8 40.2



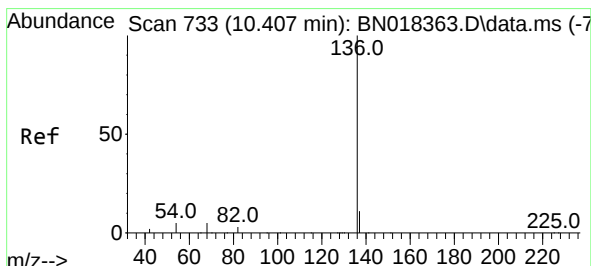
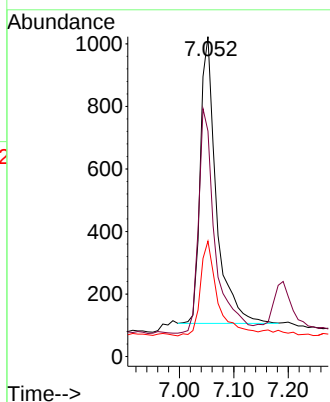
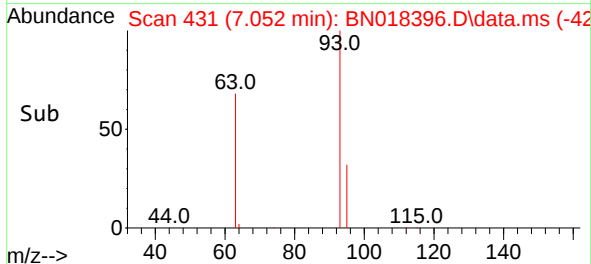


#6
bis(2-Chloroethyl)ether
Concen: 0.027 ng
RT: 7.052 min Scan# 41
Delta R.T. -0.009 min
Lab File: BN018396.D
Acq: 13 Jan 2022 15:37

Instrument :
BNA_N
ClientSampleId :
PB142013BL

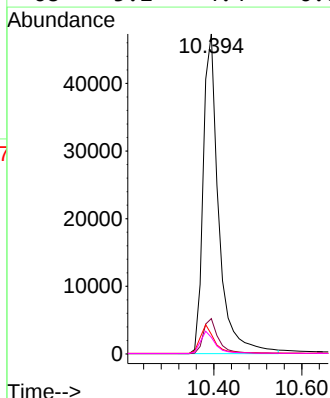
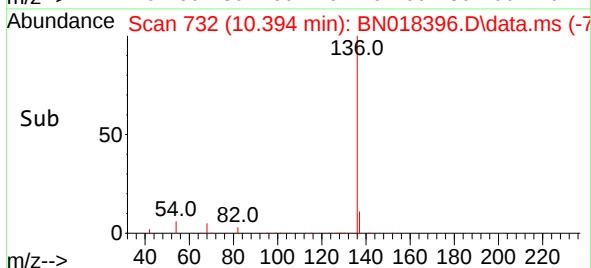
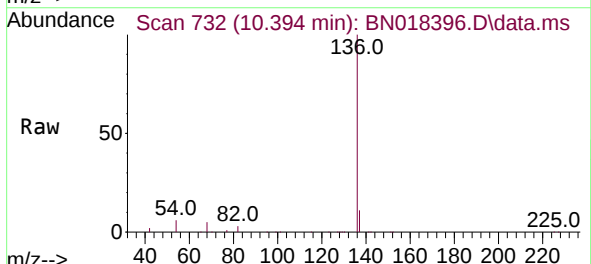


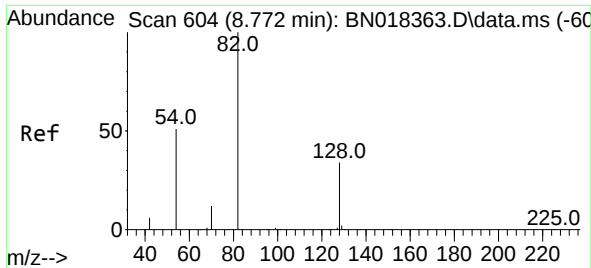
Tgt Ion: 93	Resp: 1868
Ion Ratio	Lower Upper
93	100
63	81.4 61.7 92.5
95	36.2 26.2 39.4



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.394 min Scan# 732
Delta R.T. -0.013 min
Lab File: BN018396.D
Acq: 13 Jan 2022 15:37

Tgt Ion: 136	Resp: 115553
Ion Ratio	Lower Upper
136	100
137	11.1 8.8 13.2
54	6.2 5.0 7.6
68	5.2 4.4 6.6

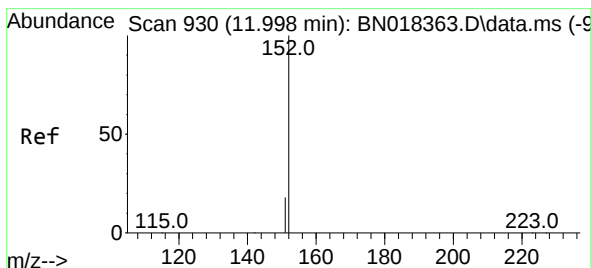
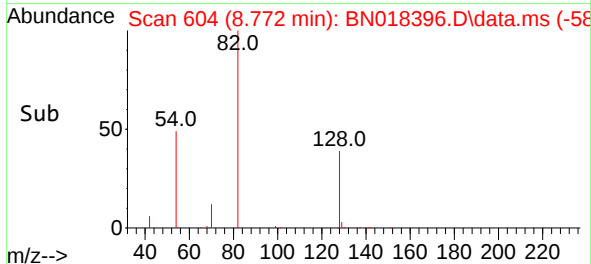
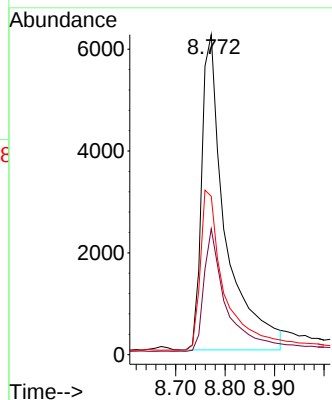
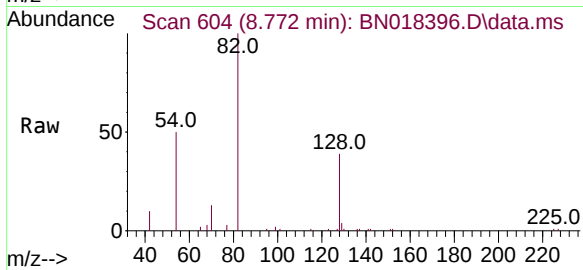




#8
Nitrobenzene-d5
Concen: 0.361 ng
RT: 8.772 min Scan# 604
Delta R.T. -0.000 min
Lab File: BN018396.D
Acq: 13 Jan 2022 15:37

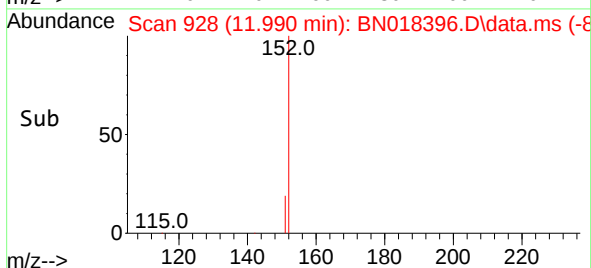
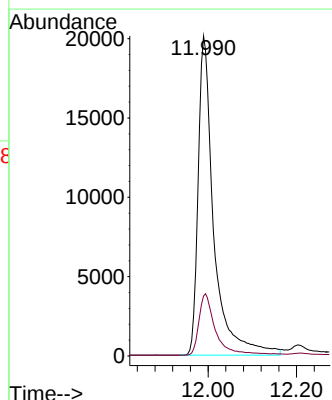
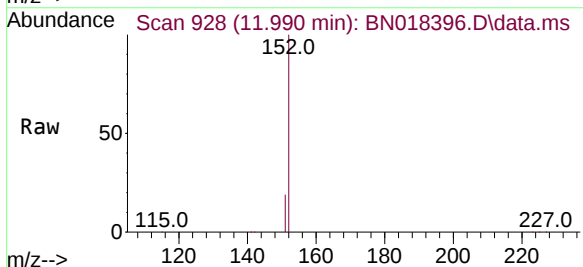
Instrument :
BNA_N
ClientSampleId :
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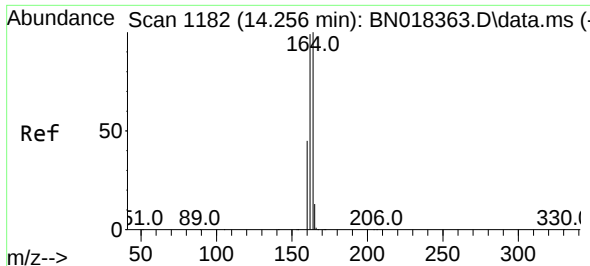
Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.4	33.7	50.5
54	49.5	36.6	55.0



#11
2-Methylnaphthalene-d10
Concen: 0.274 ng
RT: 11.990 min Scan# 928
Delta R.T. -0.008 min
Lab File: BN018396.D
Acq: 13 Jan 2022 15:37

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.2

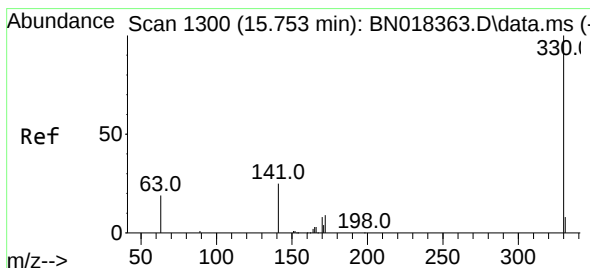
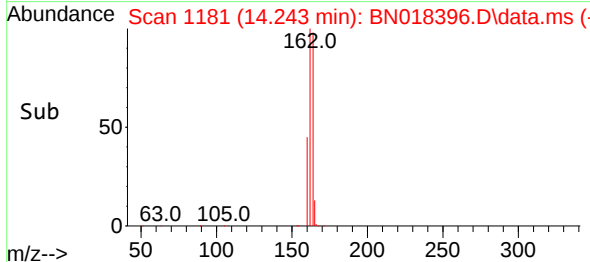
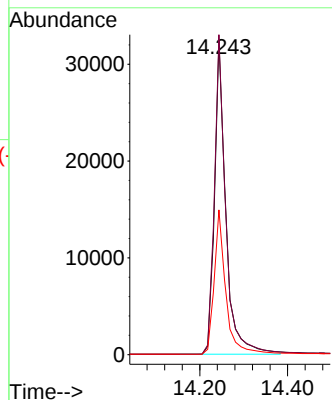
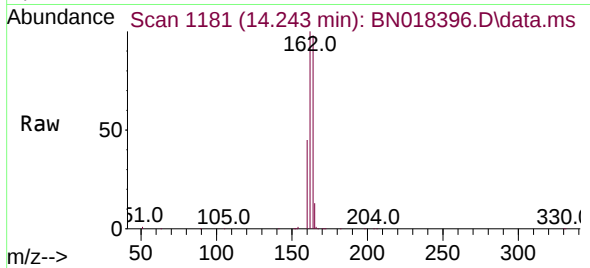




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.243 min Scan# 1181
Delta R.T. -0.013 min
Lab File: BN018396.D
Acq: 13 Jan 2022 15:37

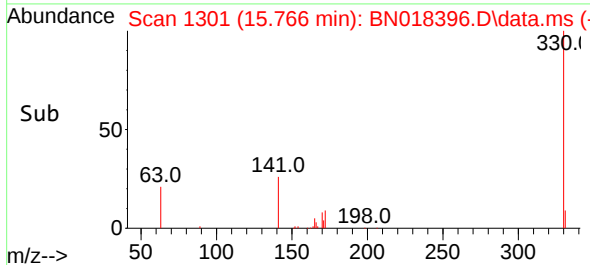
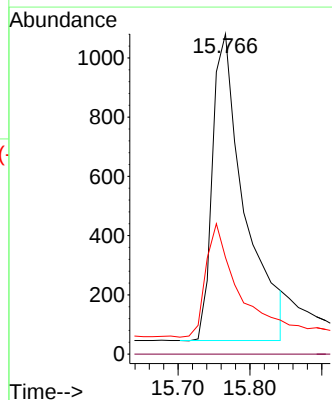
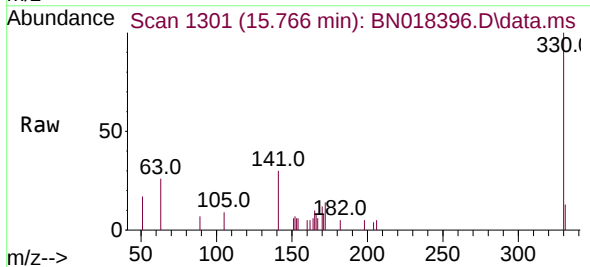
Instrument :
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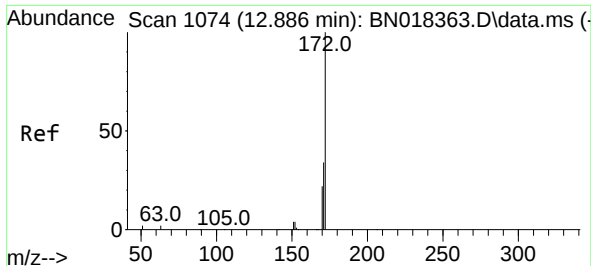
Tgt Ion:164 Resp: 58090
Ion Ratio Lower Upper
164 100
162 101.9 80.2 120.2
160 46.1 36.9 55.3



#14
2,4,6-Tribromophenol
Concen: 0.293 ng
RT: 15.766 min Scan# 1301
Delta R.T. 0.013 min
Lab File: BN018396.D
Acq: 13 Jan 2022 15:37

Tgt Ion:330 Resp: 3197
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 37.3 21.3 31.9#

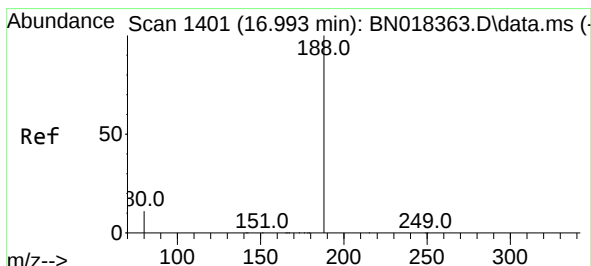
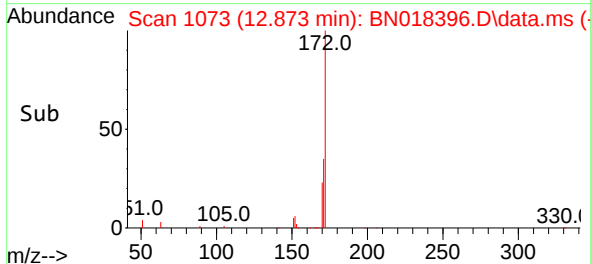
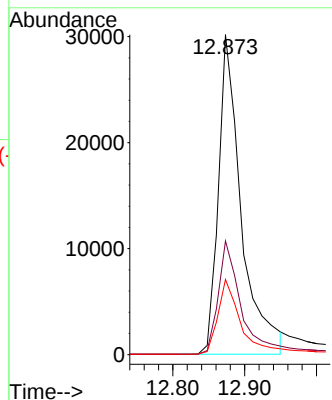
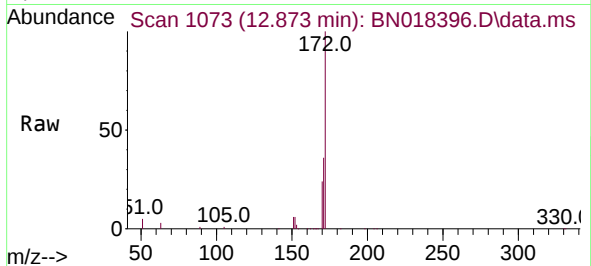




#15
2-Fluorobiphenyl
Concen: 0.317 ng
RT: 12.873 min Scan# 1073
Delta R.T. -0.013 min
Lab File: BN018396.D
Acq: 13 Jan 2022 15:37

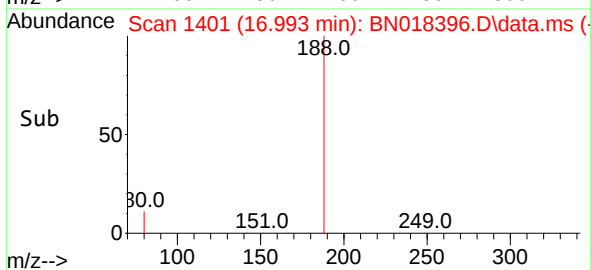
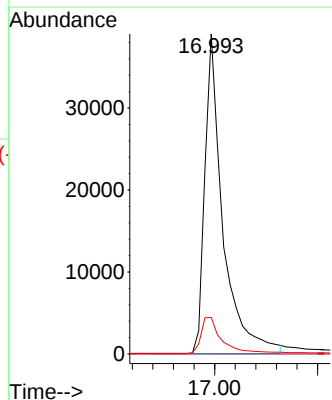
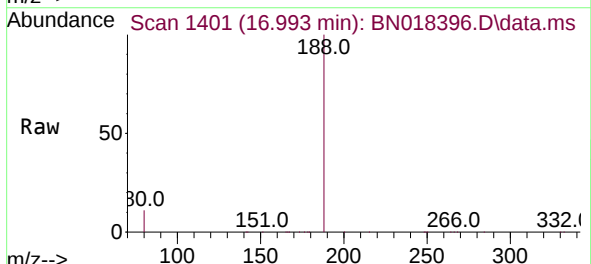
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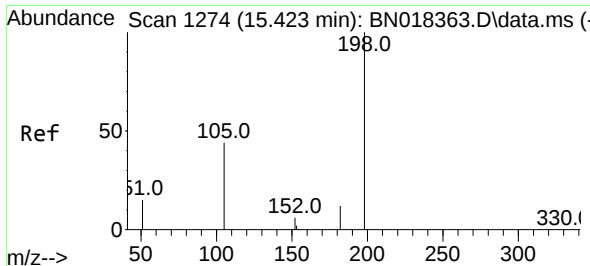
Tgt Ion:172 Resp: 66396
Ion Ratio Lower Upper
172 100
171 35.6 27.4 41.0
170 23.5 18.4 27.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.993 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BN018396.D
Acq: 13 Jan 2022 15:37

Tgt Ion:188 Resp: 94803
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.4 7.0 10.4

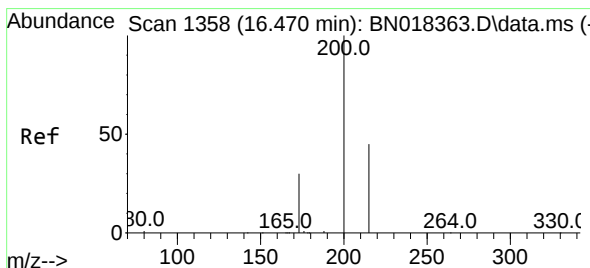
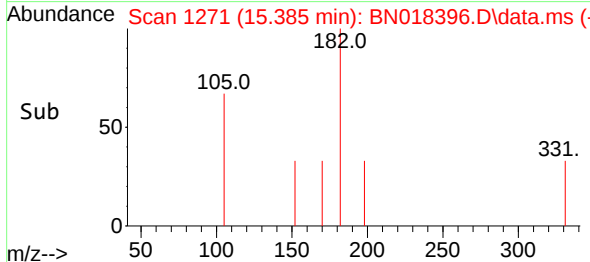
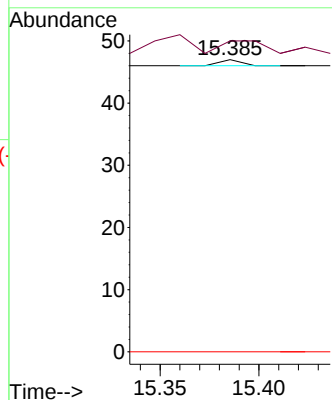
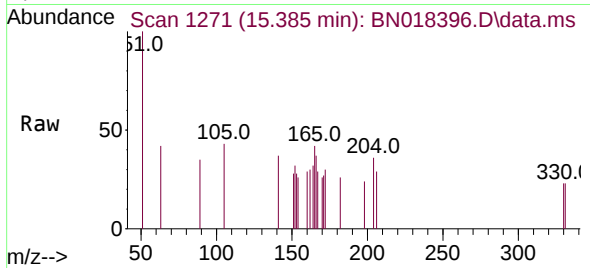




#20
4,6-Dinitro-2-methylphenol
Concen: 0.201 ng
RT: 15.385 min Scan# 11
Delta R.T. -0.038 min
Lab File: BN018396.D
Acq: 13 Jan 2022 15:37

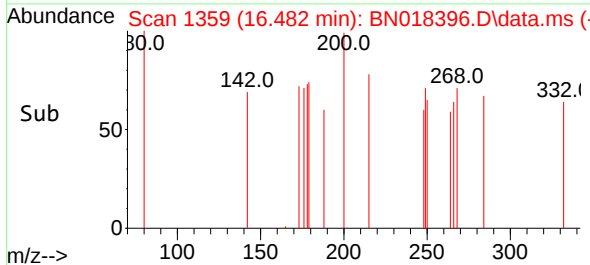
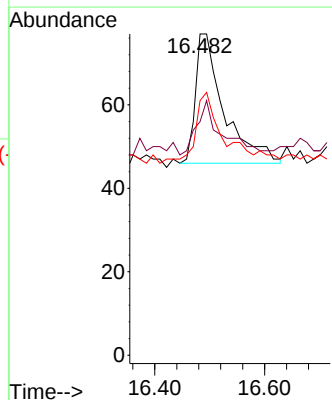
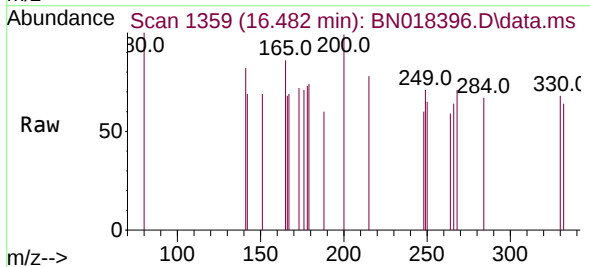
Instrument :
BNA_N
ClientSampleId :
PB142013BL

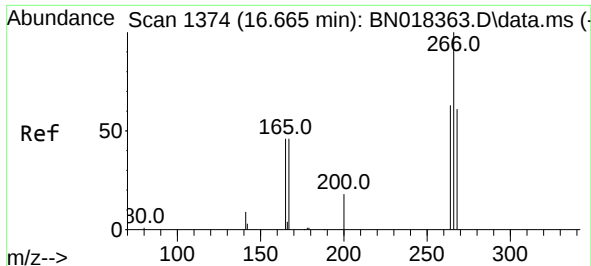
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
182 106.4 15.5 23.3#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.100 ng
RT: 16.482 min Scan# 1359
Delta R.T. 0.012 min
Lab File: BN018396.D
Acq: 13 Jan 2022 15:37

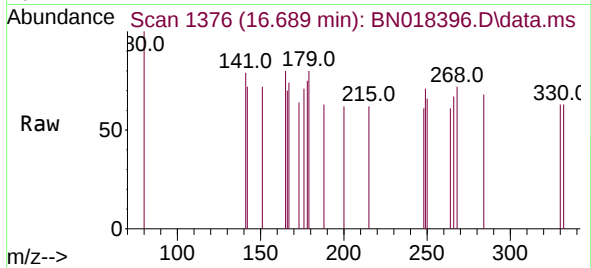
Tgt Ion:200 Resp: 112
Ion Ratio Lower Upper
200 100
173 72.7 20.3 30.5#
215 79.2 40.4 60.6#



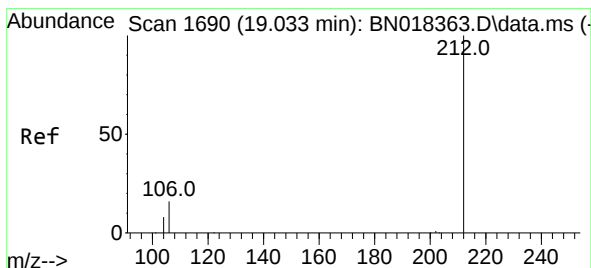
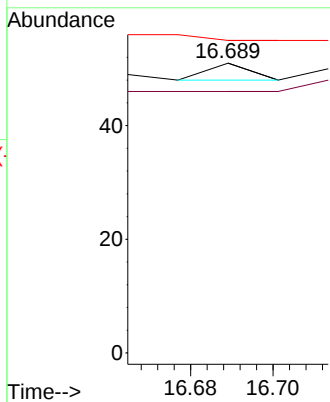
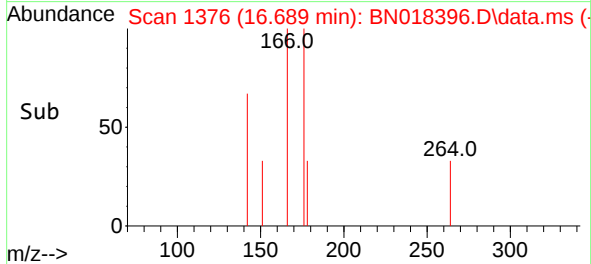


#24
 Pentachlorophenol
 Concen: 0.337 ng
 RT: 16.689 min Scan# 1689
 Delta R.T. 0.024 min
 Lab File: BN018396.D
 Acq: 13 Jan 2022 15:37

Instrument :
 BNA_N
 ClientSampleId :
 PB142013BL

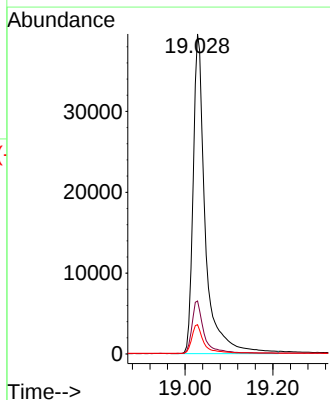
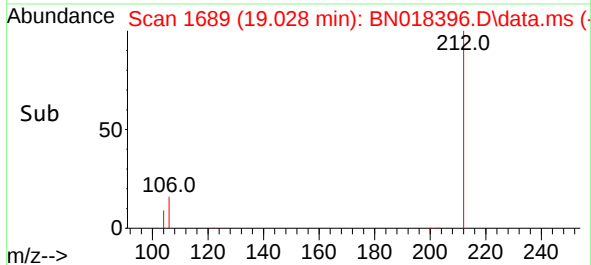
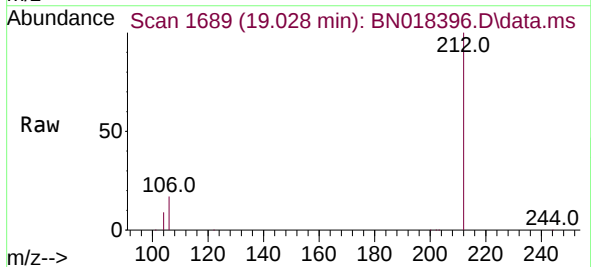


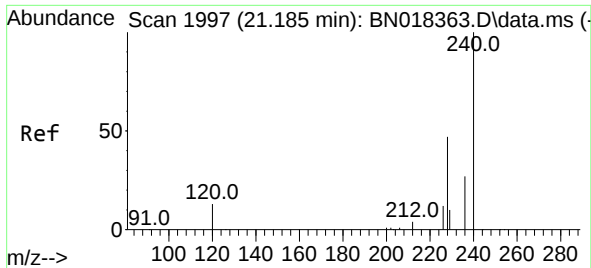
Tgt Ion:266 Resp: 2
 Ion Ratio Lower Upper
 266 100
 264 0.0 49.5 74.3#
 268 0.0 50.6 76.0#



#27
 Fluoranthene-d10
 Concen: 0.282 ng
 RT: 19.028 min Scan# 1689
 Delta R.T. -0.005 min
 Lab File: BN018396.D
 Acq: 13 Jan 2022 15:37

Tgt Ion:212 Resp: 76263
 Ion Ratio Lower Upper
 212 100
 106 16.5 8.4 12.6#
 104 8.8 4.5 6.7#

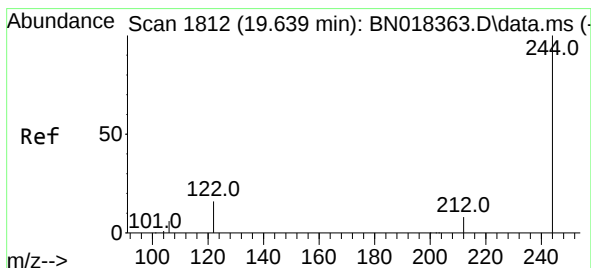
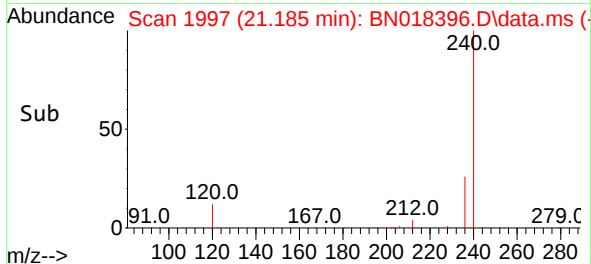
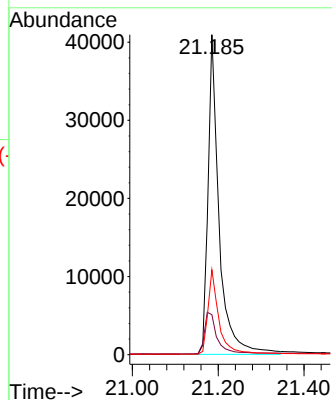
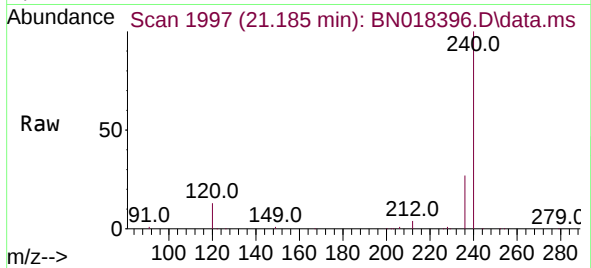




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.185 min Scan# 1997
Delta R.T. 0.000 min
Lab File: BN018396.D
Acq: 13 Jan 2022 15:37

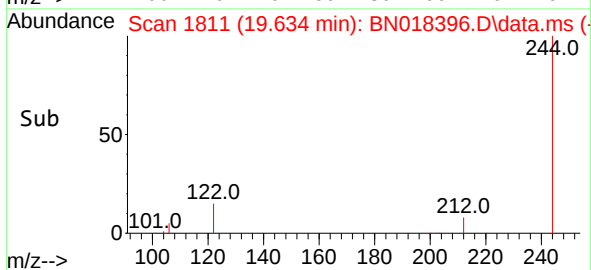
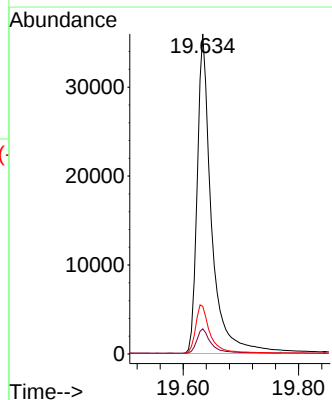
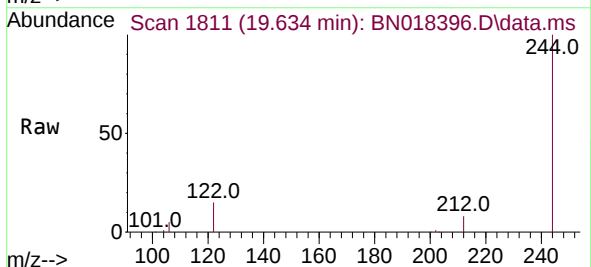
Instrument :
BNA_N
ClientSampleId :
PB142013BL

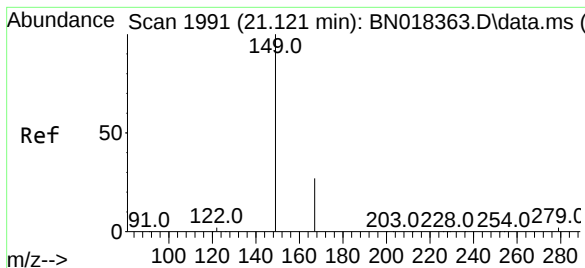
Tgt Ion:240 Resp: 73230
Ion Ratio Lower Upper
240 100
120 12.5 6.0 9.0#
236 26.5 21.4 32.2



#31
Terphenyl-d14
Concen: 0.393 ng
RT: 19.634 min Scan# 1811
Delta R.T. -0.005 min
Lab File: BN018396.D
Acq: 13 Jan 2022 15:37

Tgt Ion:244 Resp: 62215
Ion Ratio Lower Upper
244 100
212 7.8 6.2 9.2
122 14.9 7.9 11.9#

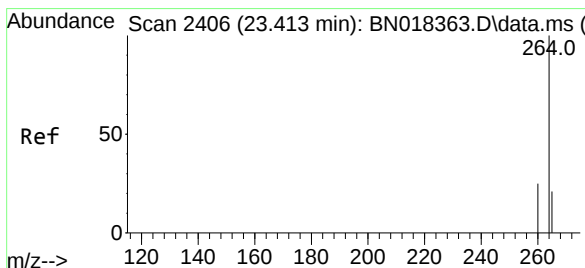
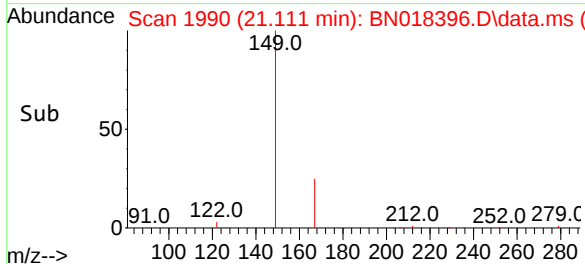
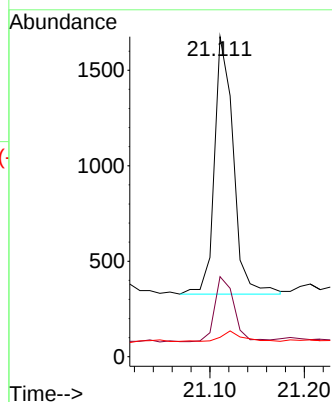
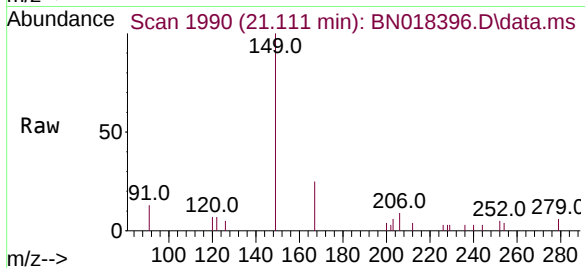




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.220 ng
 RT: 21.111 min Scan# 1990
 Delta R.T. -0.010 min
 Lab File: BN018396.D
 Acq: 13 Jan 2022 15:37

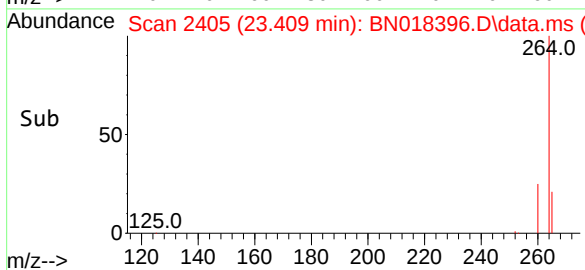
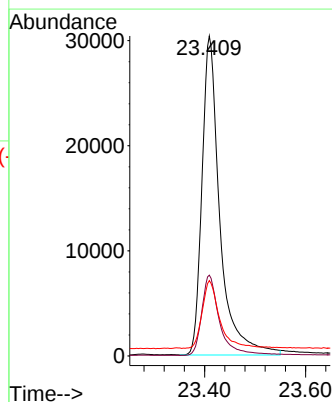
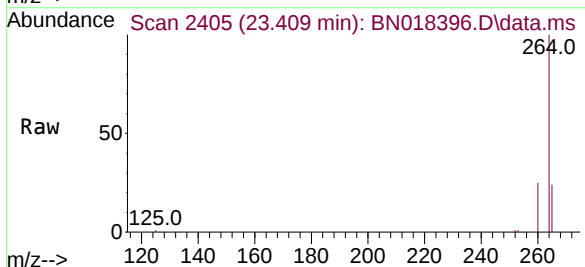
Instrument :
 BNA_N
 ClientSampleId :
 PB142013BL

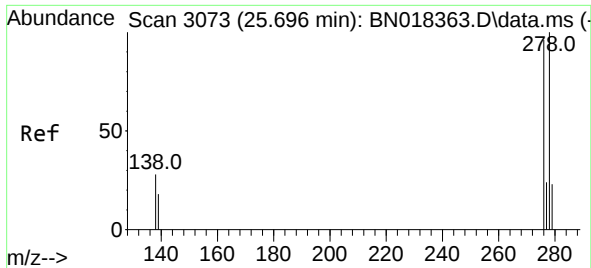
Tgt Ion:149 Resp: 1872
 Ion Ratio Lower Upper
 149 100
 167 25.9 23.7 35.5
 279 4.2 3.6 5.4



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.409 min Scan# 2405
 Delta R.T. -0.004 min
 Lab File: BN018396.D
 Acq: 13 Jan 2022 15:37

Tgt Ion:264 Resp: 74577
 Ion Ratio Lower Upper
 264 100
 260 25.3 20.2 30.4
 265 23.5 18.2 27.2





#40
 Dibenzo(a,h)anthracene
 Concen: 0.041 ng
 RT: 25.747 min Scan# 30
 Delta R.T. 0.051 min
 Lab File: BN018396.D
 Acq: 13 Jan 2022 15:37

Instrument :
 BNA_N
 ClientSampleId :
 PB142013BL

Tgt Ion:278 Resp: 457
 Ion Ratio Lower Upper
 278 100
 139 62.8 10.8 16.2#
 279 67.2 19.0 28.4#

