

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122220\
 Data File : BN013264.D
 Acq On : 22 Dec 2020 09:47
 Operator : CG/JU
 Sample : L5123-20
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW179D1-20201214

Quant Time: Dec 22 10:48:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 22 10:46:43 2020
 Response via : Initial Calibration

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

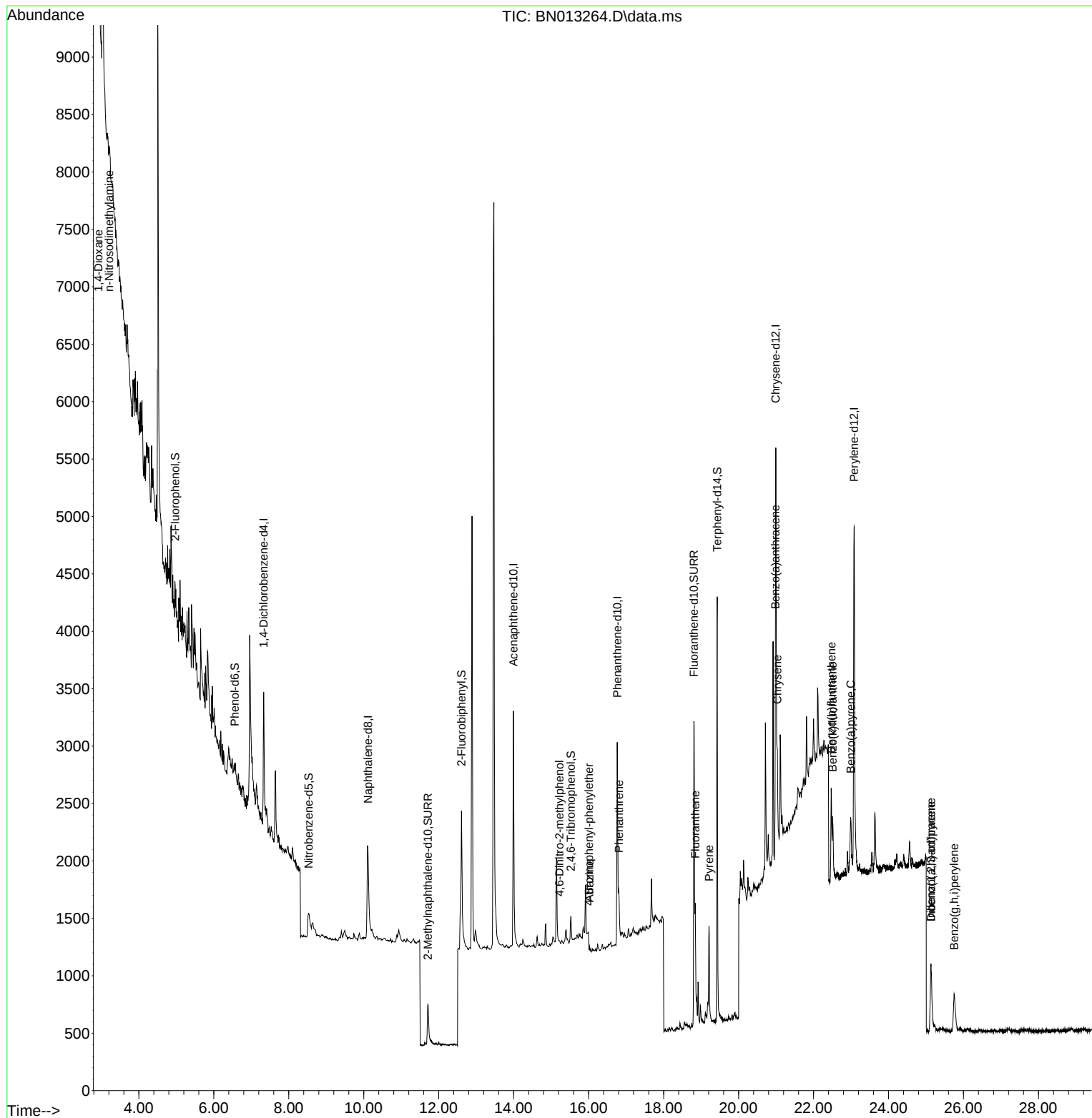
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.330	152	601	0.40	ng	0.00
7) Naphthalene-d8	10.112	136	2027	0.40	ng	# 0.01
13) Acenaphthene-d10	13.991	164	1313	0.40	ng	0.00
19) Phenanthrene-d10	16.763	188	2962	0.40	ng	# 0.00
29) Chrysene-d12	20.992	240	3788	0.40	ng	# 0.00
36) Perylene-d12	23.083	264	4331	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.970	112	159	0.06	ng	0.02
5) Phenol-d6	6.557	99	89	0.04	ng	0.02
8) Nitrobenzene-d5	8.528	82	500	0.24	ng	0.03
11) 2-Methylnaphthalene-d10	11.711	152	896	0.25	ng	0.00
14) 2,4,6-Tribromophenol	15.526	330	214	0.26	ng	0.00
15) 2-Fluorobiphenyl	12.608	172	1431	0.26	ng	0.00
27) Fluoranthene-d10	18.808	212	3653	0.37	ng	0.00
31) Terphenyl-d14	19.429	244	4259	0.44	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.925	88	724	0.69	ng	# 82
3) n-Nitrosodimethylamine	3.207	42	79	0.05	ng	# 22
20) 4,6-Dinitro-2-methylph...	15.222	198	1	0.19	ng	# 1
21) 4-Bromophenyl-phenylether	16.008	248	51	0.09	ng	# 61
23) Atrazine	16.020	200	215	0.12	ng	# 1
25) Phenanthrene	16.812	178	491	0.05	ng	# 88
28) Fluoranthene	18.843	202	968	0.08	ng	# 97
30) Pyrene	19.210	202	909	0.06	ng	97
32) Benzo(a)anthracene	20.982	228	719	0.05	ng	# 82
33) Chrysene	21.035	228	801	0.06	ng	# 83
34) Bis(2-ethylhexyl)phtha...	20.918	149	1548	Below	Cal	98
35) Indeno(1,2,3-cd)pyrene	25.136	276	680	0.03	ng	# 54
37) Benzo(b)fluoranthene	22.477	252	896	0.06	ng	# 19
38) Benzo(k)fluoranthene	22.511	252	650	0.04	ng	# 9
39) Benzo(a)pyrene	22.994	252	751	0.05	ng	# 8
40) Dibenzo(a,h)anthracene	25.136	278	370	0.02	ng	# 1
41) Benzo(g,h,i)perylene	25.752	276	784	0.04	ng	# 49

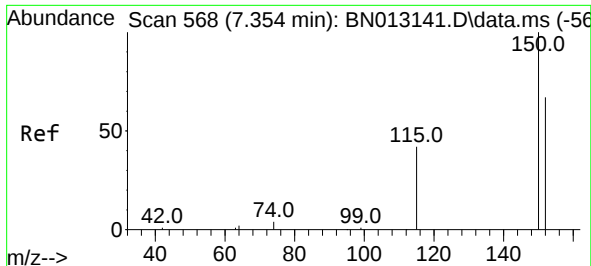
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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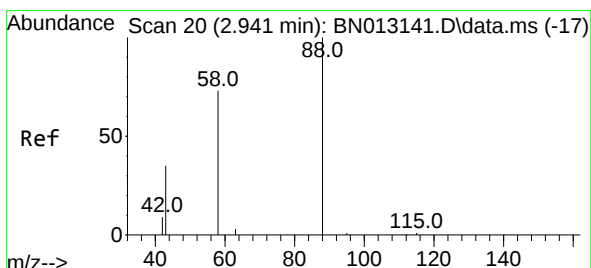
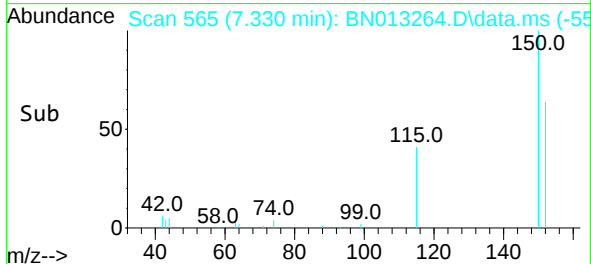
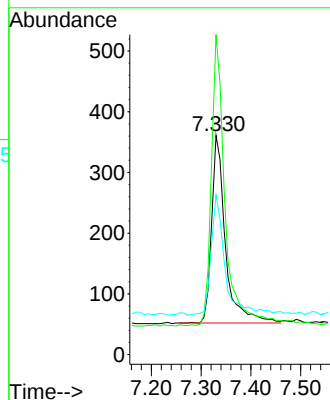
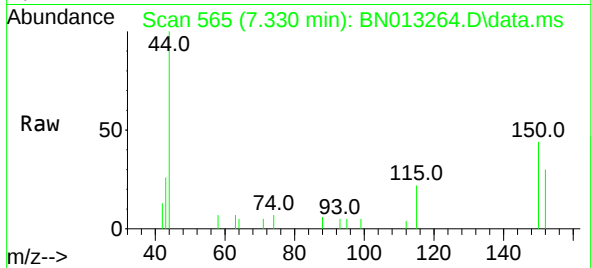




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.330 min Scan# 565
Delta R.T. -0.000 min
Lab File: BN013264.D
Acq: 22 Dec 2020 09:47

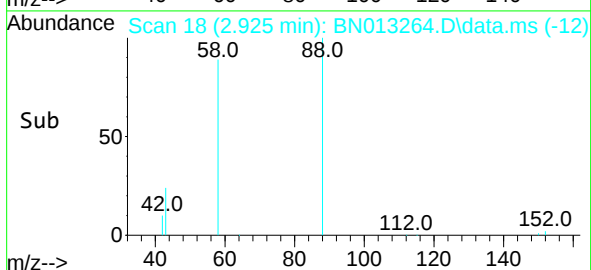
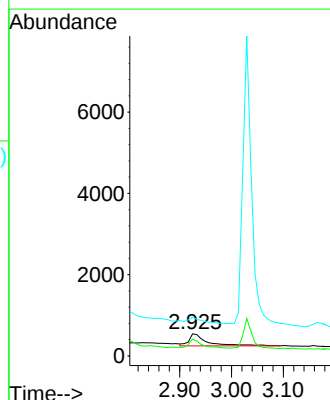
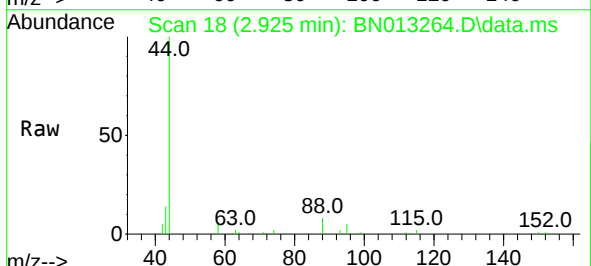
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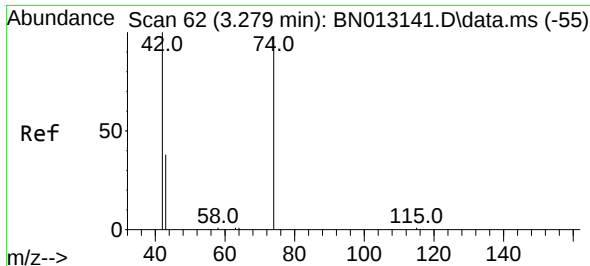
Tgt Ion:152 Resp: 601
Ion Ratio Lower Upper
152 100
150 146.0 116.6 174.8
115 72.9 52.9 79.3



#2
1,4-Dioxane
Concen: 0.69 ng
RT: 2.925 min Scan# 18
Delta R.T. 0.000 min
Lab File: BN013264.D
Acq: 22 Dec 2020 09:47

Tgt Ion: 88 Resp: 724
Ion Ratio Lower Upper
88 100
58 52.9 59.4 89.2#
43 37.6 32.3 48.5

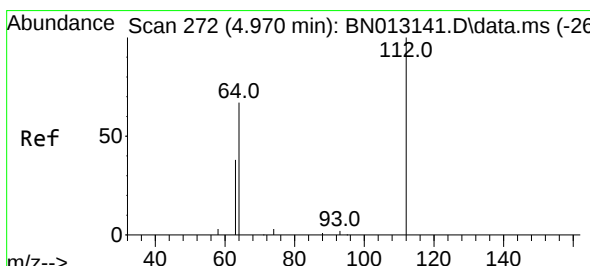
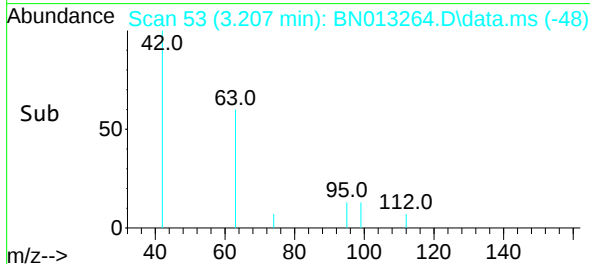
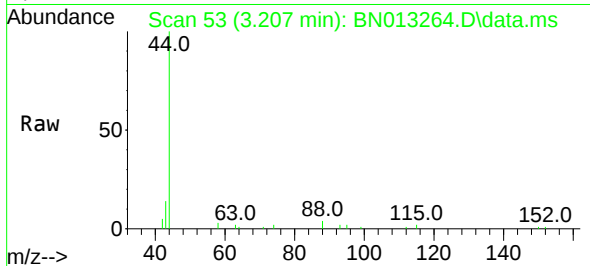




#3
n-Nitrosodimethylamine
Concen: 0.05 ng
RT: 3.207 min Scan# 53
Delta R.T. -0.056 min
Lab File: BN013264.D
Acq: 22 Dec 2020 09:47

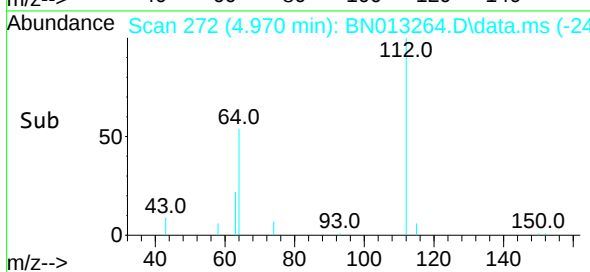
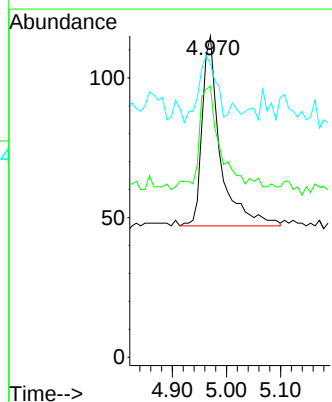
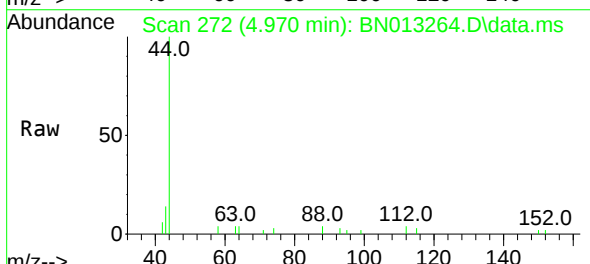
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BNA_N
ClientSampleId :
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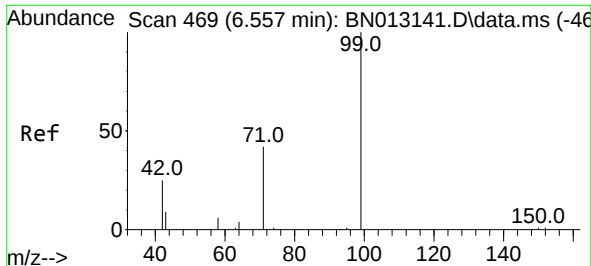
Tgt Ion: 42 Resp: 79
Ion Ratio Lower Upper
42 100
74 8.9 64.4 96.6#
44 0.0 2.8 4.2#



#4
2-Fluorophenol
Concen: 0.06 ng
RT: 4.970 min Scan# 272
Delta R.T. 0.016 min
Lab File: BN013264.D
Acq: 22 Dec 2020 09:47

Tgt Ion: 112 Resp: 159
Ion Ratio Lower Upper
112 100
64 61.6 49.5 74.3
63 34.6 32.0 48.0

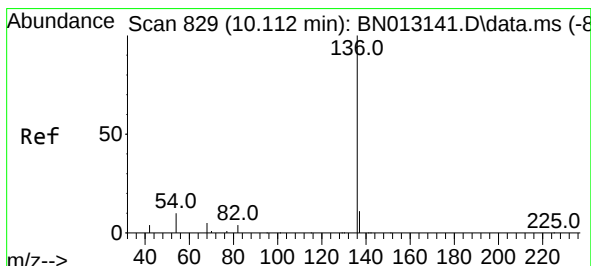
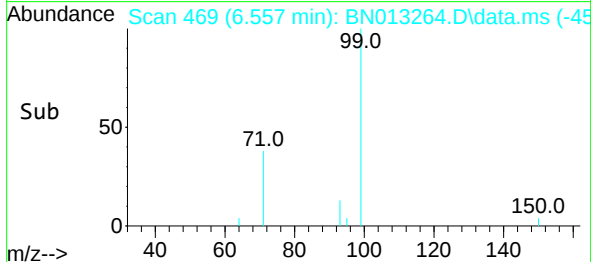
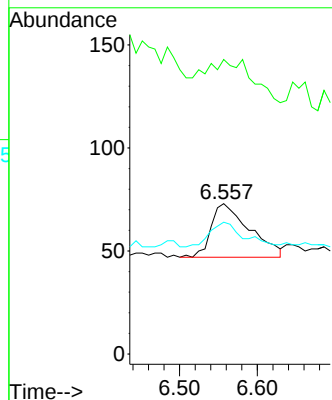
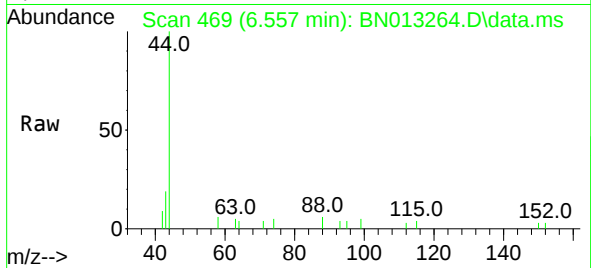




#5
Phenol-d6
Concen: 0.04 ng
RT: 6.557 min Scan# 469
Delta R.T. 0.016 min
Lab File: BN013264.D
Acq: 22 Dec 2020 09:47

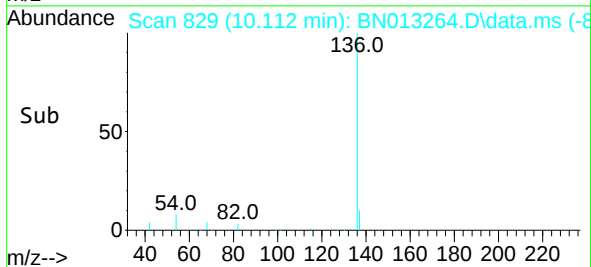
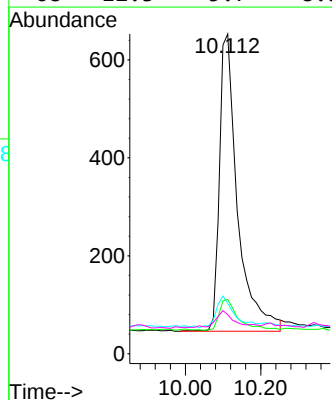
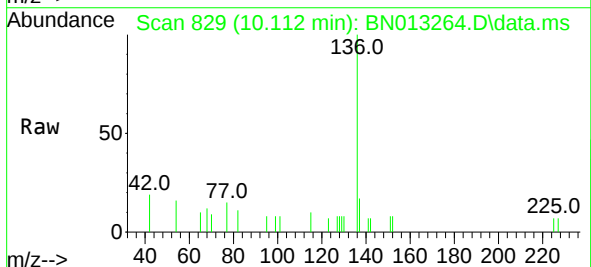
Instrument :
BNA_N
ClientSampleId :
MW179D1-20201214

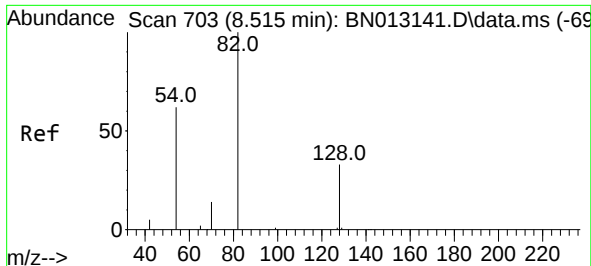
Tgt Ion: 99 Resp: 89
Ion Ratio Lower Upper
99 100
42 97.8 22.4 33.6#
71 40.4 37.8 56.6



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.112 min Scan# 829
Delta R.T. 0.013 min
Lab File: BN013264.D
Acq: 22 Dec 2020 09:47

Tgt Ion: 136 Resp: 2027
Ion Ratio Lower Upper
136 100
137 17.0 10.6 15.8#
54 15.8 8.6 12.8#
68 12.3 5.7 8.5#

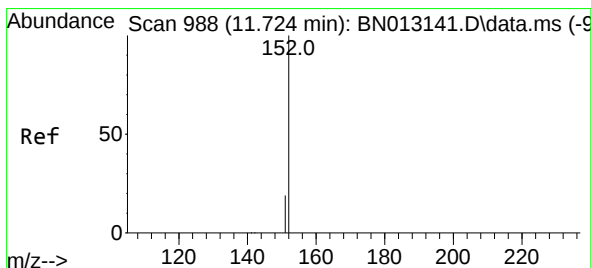
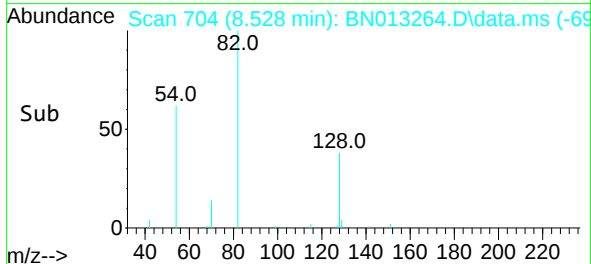
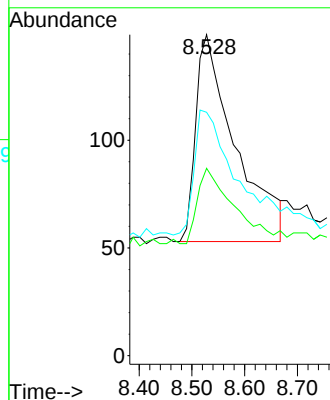
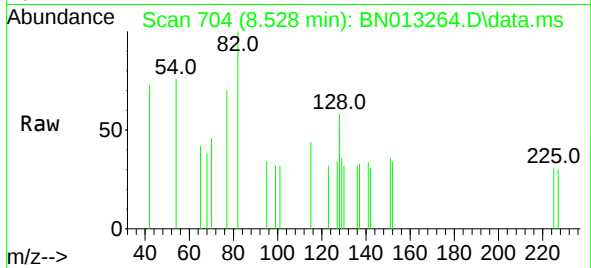




#8
Nitrobenzene-d5
Concen: 0.24 ng
RT: 8.528 min Scan# 704
Delta R.T. 0.025 min
Lab File: BN013264.D
Acq: 22 Dec 2020 09:47

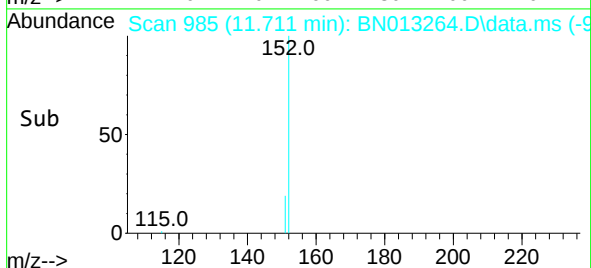
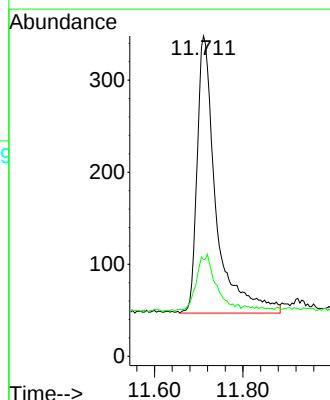
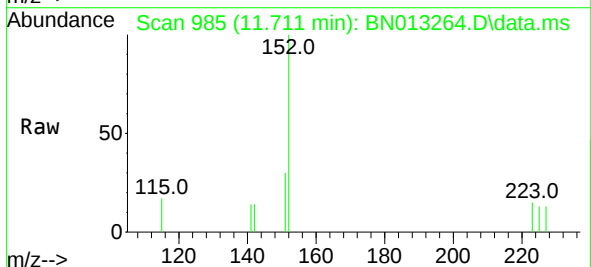
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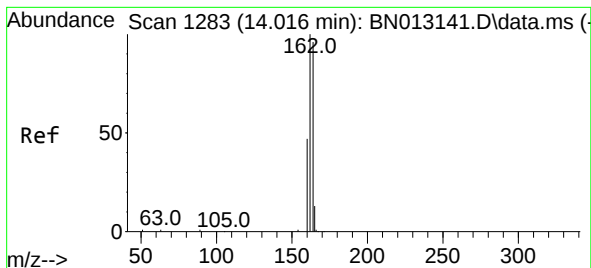
Tgt Ion: 82 Resp: 500
Ion Ratio Lower Upper
82 100
128 58.4 30.6 46.0#
54 75.8 48.3 72.5#



#11
2-Methylnaphthalene-d10
Concen: 0.25 ng
RT: 11.711 min Scan# 985
Delta R.T. 0.005 min
Lab File: BN013264.D
Acq: 22 Dec 2020 09:47

Tgt Ion: 152 Resp: 896
Ion Ratio Lower Upper
152 100
151 20.5 16.7 25.1

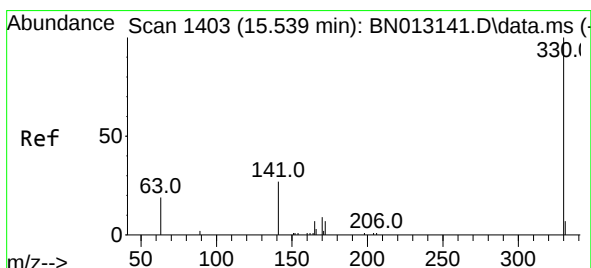
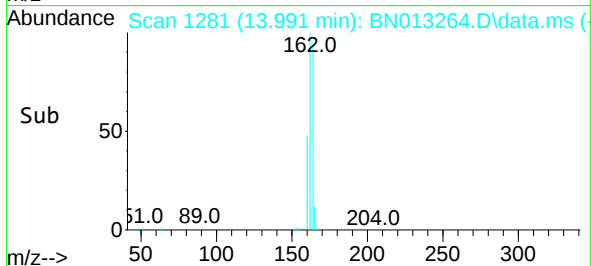
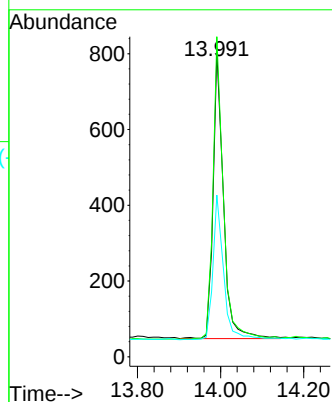
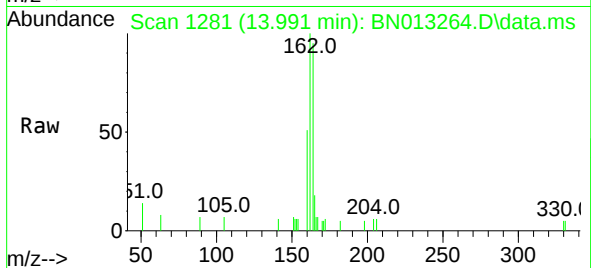




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 13.991 min Scan# 1281
Delta R.T. 0.000 min
Lab File: BN013264.D
Acq: 22 Dec 2020 09:47

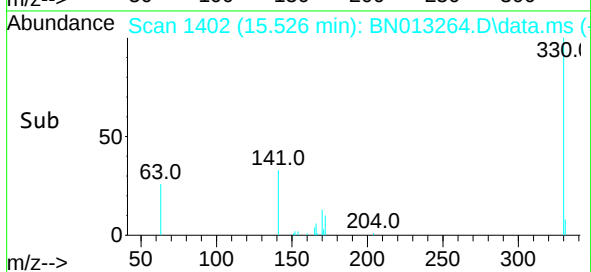
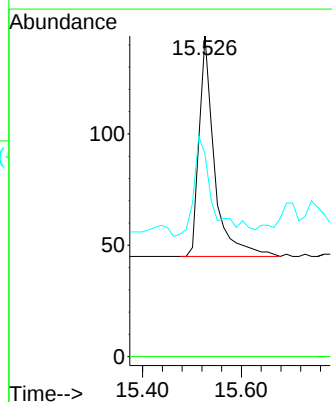
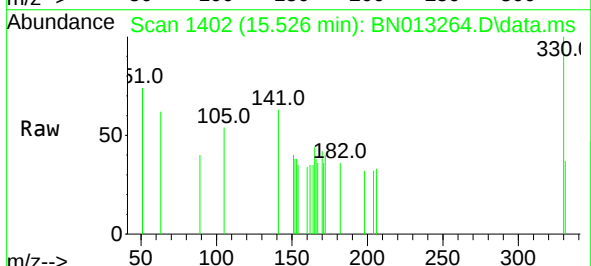
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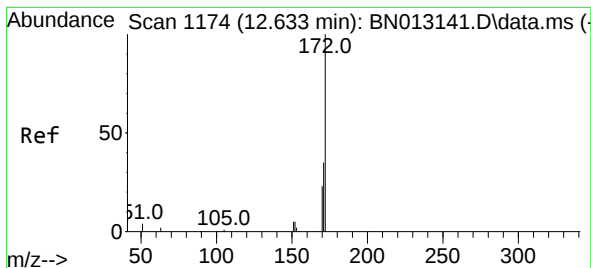
Tgt Ion:	164	Resp:	1313
Ion	Ratio	Lower	Upper
164	100		
162	105.1	80.6	120.8
160	53.1	39.5	59.3



#14
2,4,6-Tribromophenol
Concen: 0.26 ng
RT: 15.526 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BN013264.D
Acq: 22 Dec 2020 09:47

Tgt Ion:	330	Resp:	214
Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	56.1	34.4	51.6#

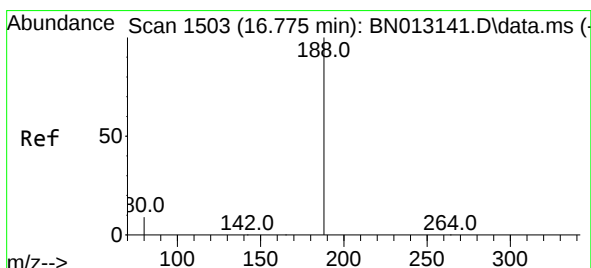
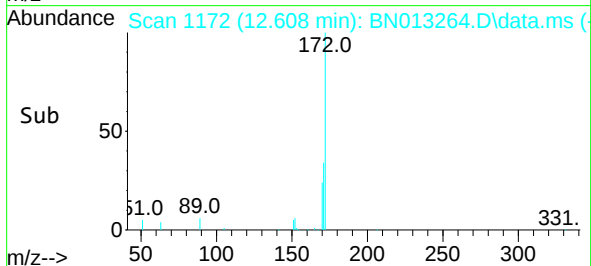
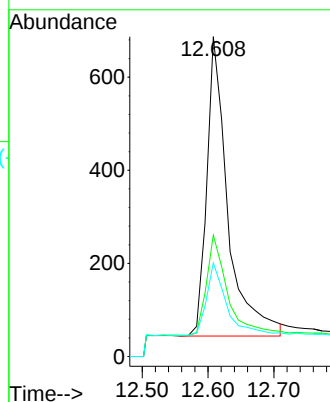
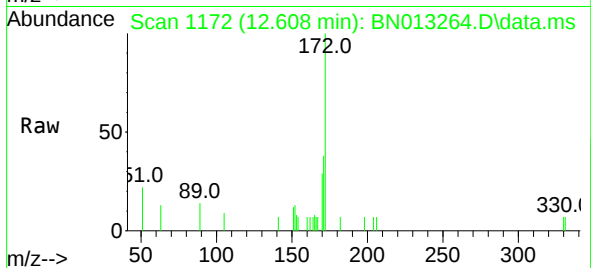




#15
2-Fluorobiphenyl
Concen: 0.26 ng
RT: 12.608 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BN013264.D
Acq: 22 Dec 2020 09:47

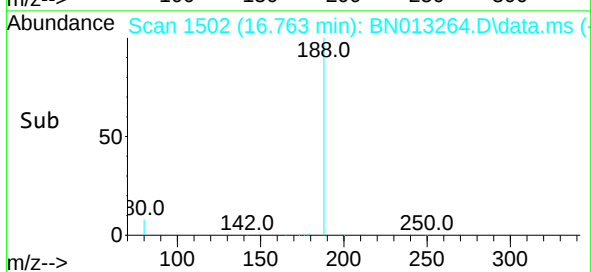
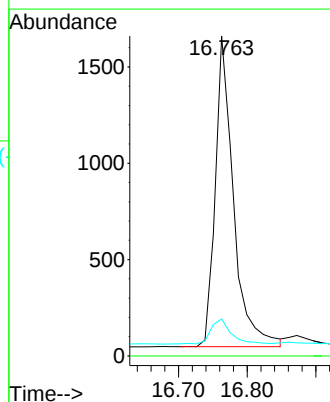
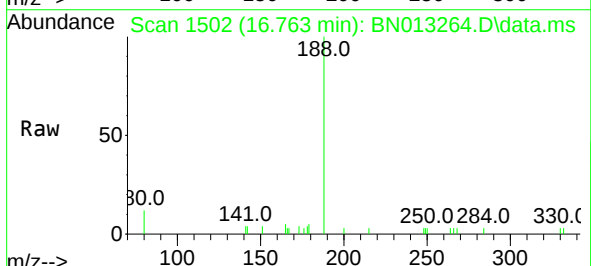
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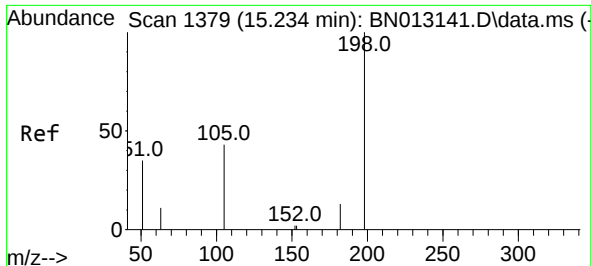
Tgt Ion:	172	Resp:	1431
Ion Ratio	Lower	Upper	
172	100		
171	38.0	28.2	42.4
170	29.3	20.0	30.0



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.763 min Scan# 1502
Delta R.T. -0.000 min
Lab File: BN013264.D
Acq: 22 Dec 2020 09:47

Tgt Ion:	188	Resp:	2962
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	11.6	5.0	7.4#

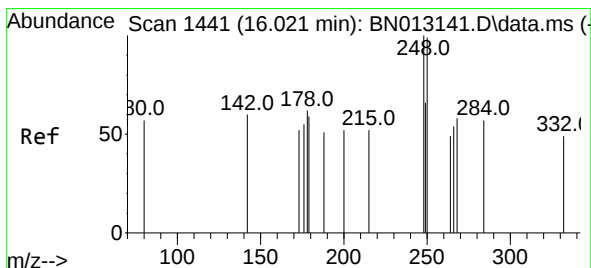
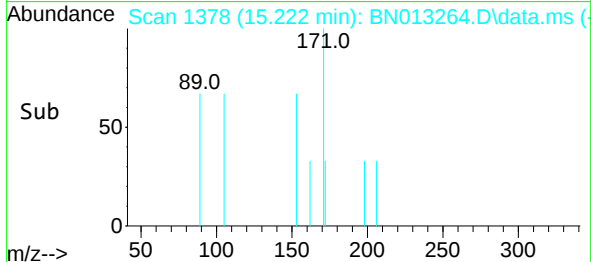
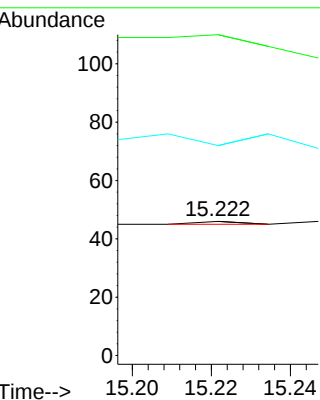
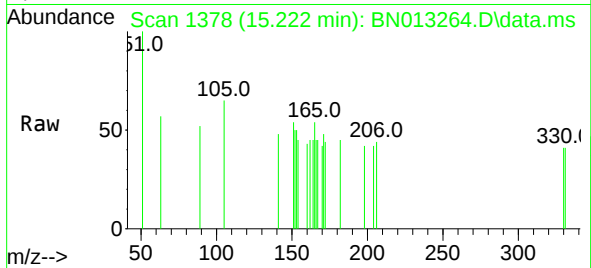




#20
4,6-Dinitro-2-methylphenol
Concen: 0.19 ng
RT: 15.222 min Scan# 1378
Delta R.T. 0.000 min
Lab File: BN013264.D
Acq: 22 Dec 2020 09:47

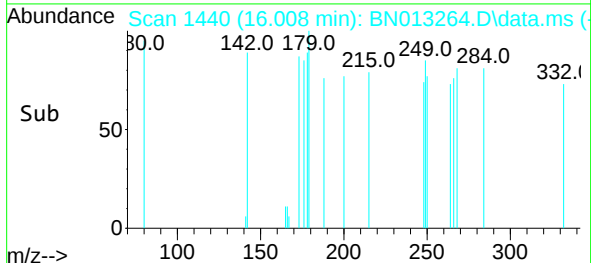
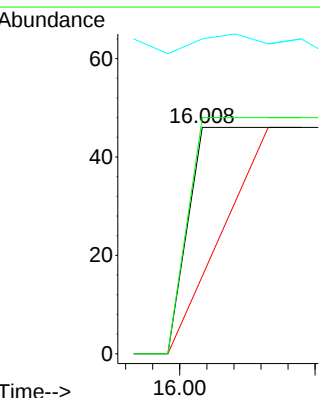
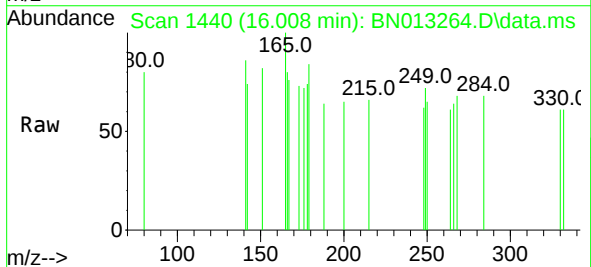
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MW179D1-20201214

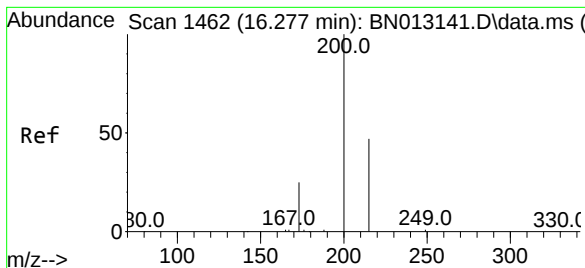
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 239.1 43.5 65.3#
105 156.5 27.2 40.8#



#21
4-Bromophenyl-phenylether
Concen: 0.09 ng
RT: 16.008 min Scan# 1440
Delta R.T. -0.013 min
Lab File: BN013264.D
Acq: 22 Dec 2020 09:47

Tgt Ion:248 Resp: 51
Ion Ratio Lower Upper
248 100
250 104.3 77.3 115.9
141 139.1 57.8 86.8#





#23

Atrazine

Concen: 0.12 ng

RT: 16.020 min Scan# 1441

Delta R.T. -0.244 min

Lab File: BN013264.D

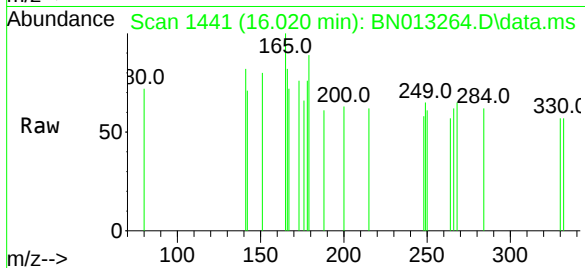
Acq: 22 Dec 2020 09:47

Instrument :

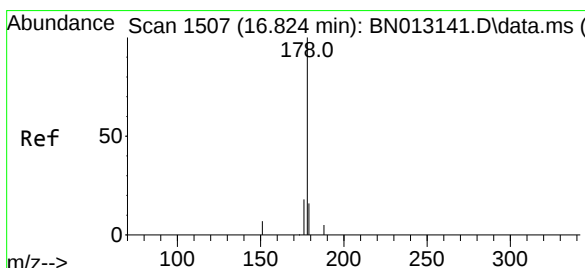
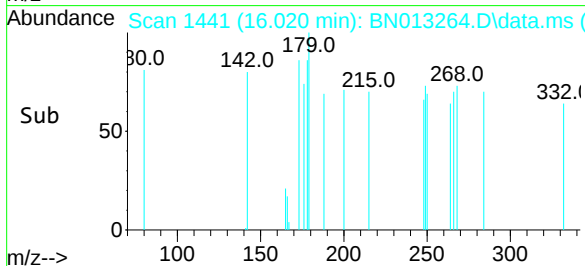
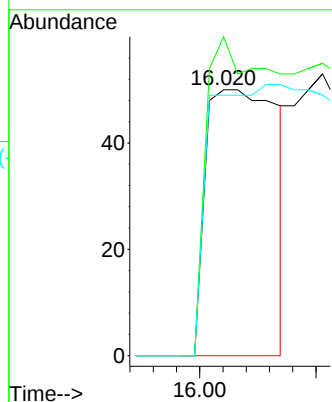
BNA_N

ClientSampleId :

MW179D1-20201214



Tgt Ion:	200	Resp:	215
Ion Ratio	Lower	Upper	
200	100		
173	120.0	22.8	34.2#
215	98.0	38.1	57.1#



#25

Phenanthrene

Concen: 0.05 ng

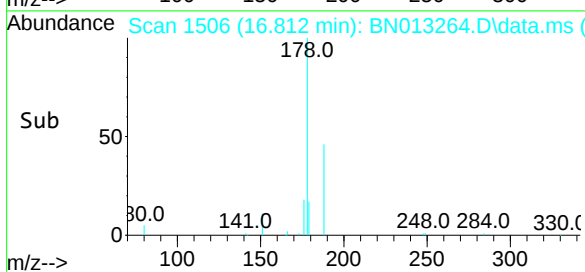
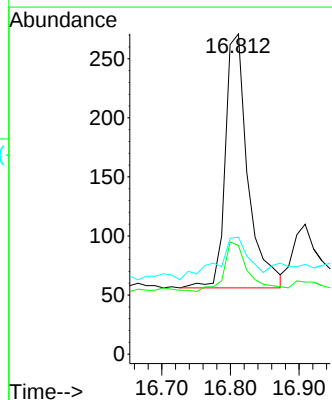
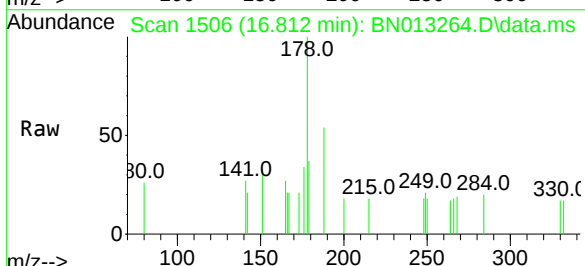
RT: 16.812 min Scan# 1506

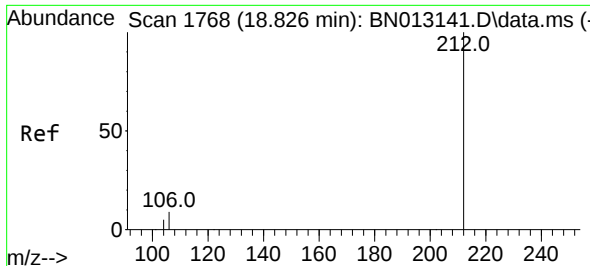
Delta R.T. -0.000 min

Lab File: BN013264.D

Acq: 22 Dec 2020 09:47

Tgt Ion:	178	Resp:	491
Ion Ratio	Lower	Upper	
178	100		
176	21.4	14.8	22.2
179	23.6	12.4	18.6#

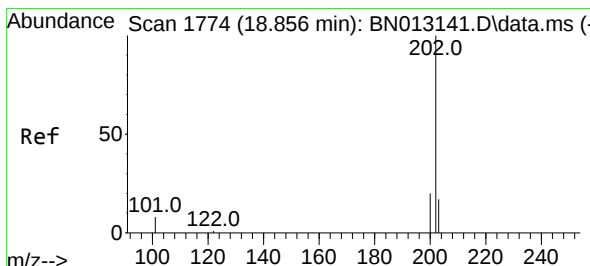
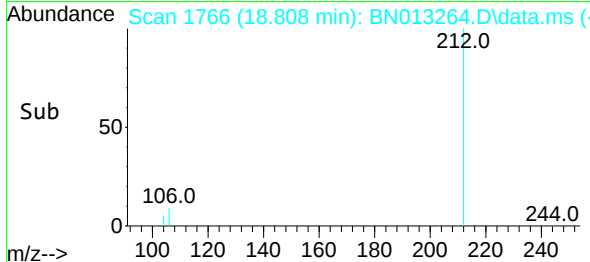
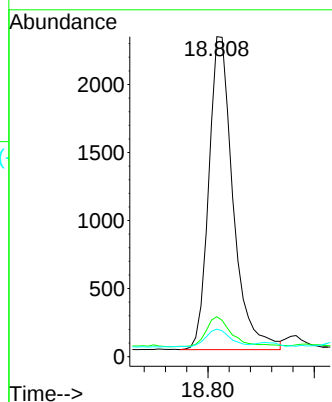
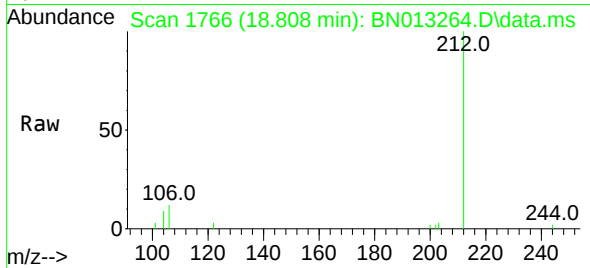




#27
Fluoranthene-d10
Concen: 0.37 ng
RT: 18.808 min Scan# 1766
Delta R.T. -0.008 min
Lab File: BN013264.D
Acq: 22 Dec 2020 09:47

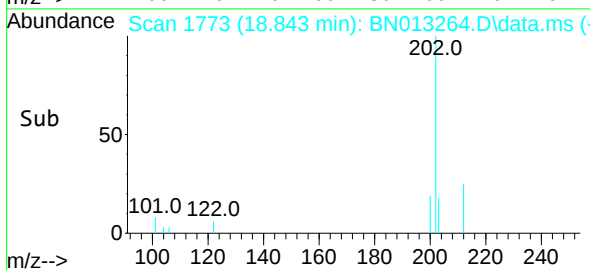
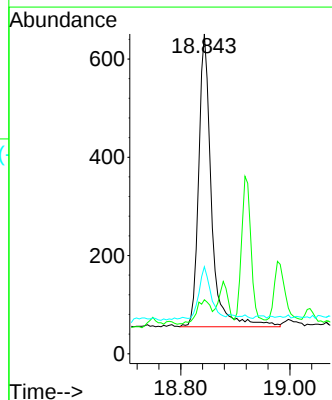
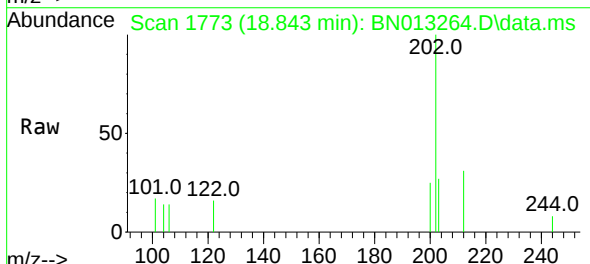
Instrument :
BNA_N
ClientSampleId :
MW179D1-20201214

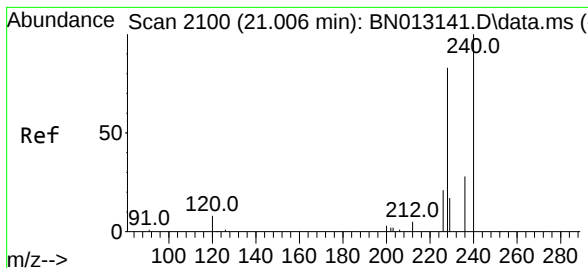
Tgt Ion:212 Resp: 3653
Ion Ratio Lower Upper
212 100
106 10.2 6.8 10.2#
104 6.0 4.1 6.1



#28
Fluoranthene
Concen: 0.08 ng
RT: 18.843 min Scan# 1773
Delta R.T. -0.003 min
Lab File: BN013264.D
Acq: 22 Dec 2020 09:47

Tgt Ion:202 Resp: 968
Ion Ratio Lower Upper
202 100
101 8.8 5.8 8.6#
203 16.2 13.7 20.5





#29

Chrysene-d12

Concen: 0.40 ng

RT: 20.992 min Scan# 2100

Delta R.T. -0.003 min

Lab File: BN013264.D

Acq: 22 Dec 2020 09:47

Tgt Ion:240 Resp: 3788

Ion Ratio Lower Upper

240 100

120 13.2 5.3 7.9#

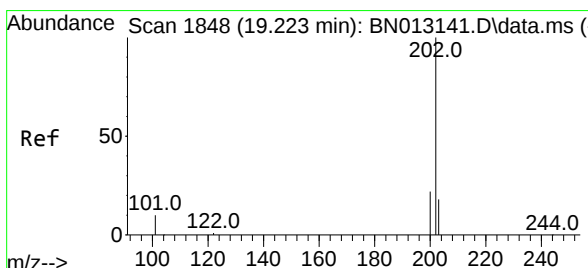
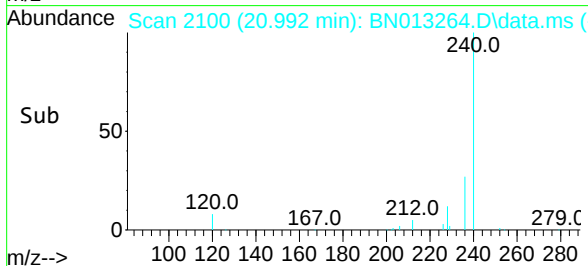
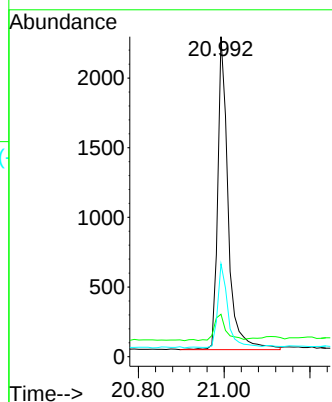
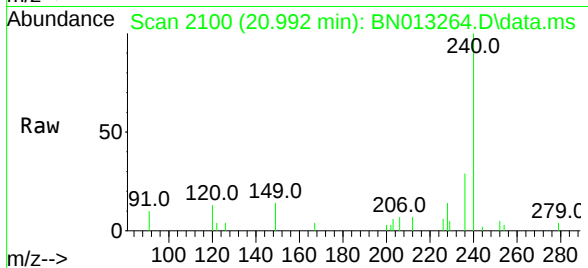
236 29.0 21.8 32.8

Instrument :

BNA_N

ClientSampleId :

MW179D1-20201214



#30

Pyrene

Concen: 0.06 ng

RT: 19.210 min Scan# 1847

Delta R.T. -0.003 min

Lab File: BN013264.D

Acq: 22 Dec 2020 09:47

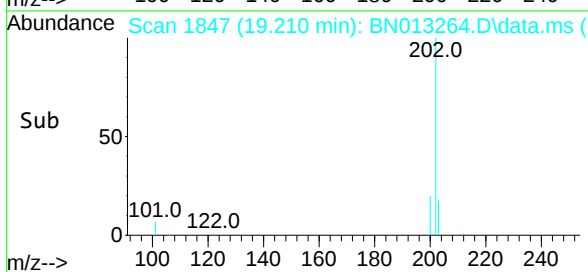
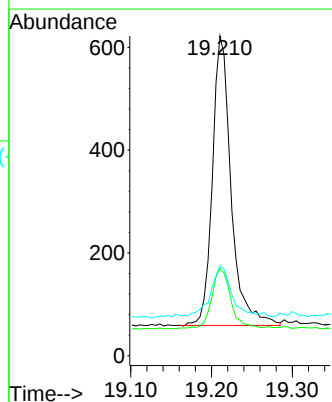
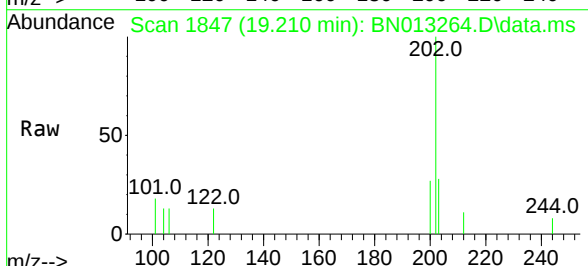
Tgt Ion:202 Resp: 909

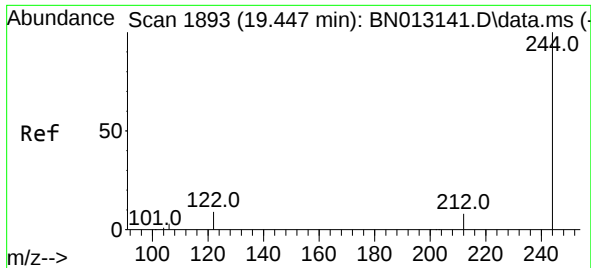
Ion Ratio Lower Upper

202 100

200 21.1 16.6 24.8

203 20.0 13.8 20.8

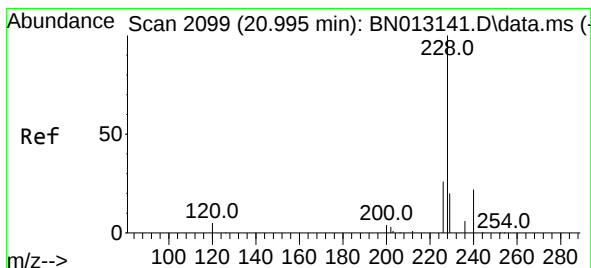
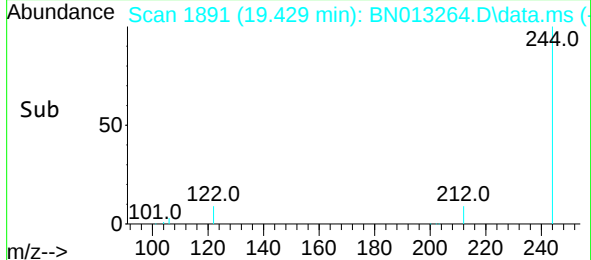
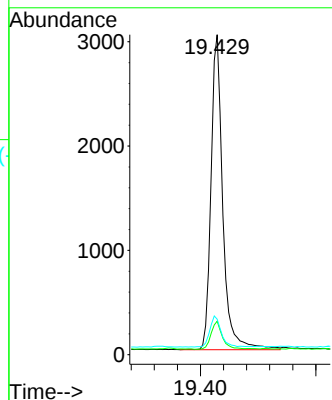
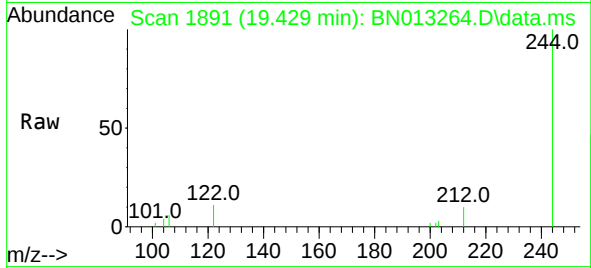




#31
Terphenyl-d14
Concen: 0.44 ng
RT: 19.429 min Scan# 1891
Delta R.T. -0.003 min
Lab File: BN013264.D
Acq: 22 Dec 2020 09:47

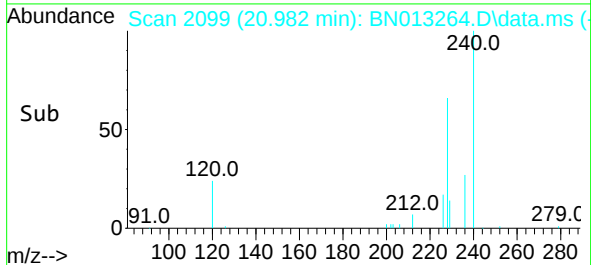
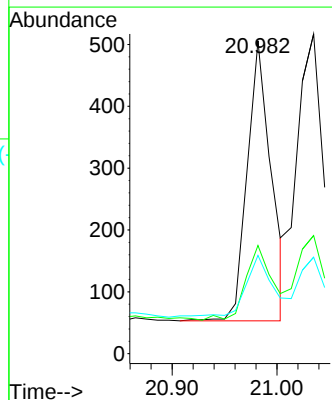
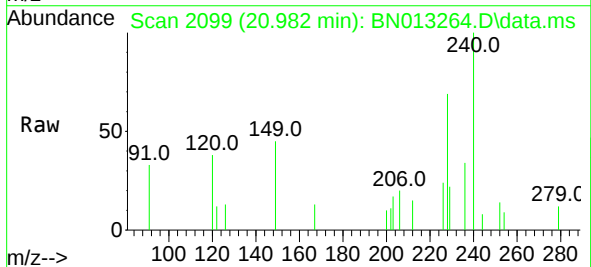
Instrument :
BNA_N
ClientSampleId :
MW179D1-20201214

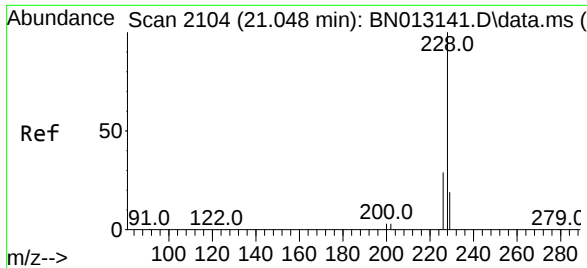
Tgt Ion:244 Resp: 4259
Ion Ratio Lower Upper
244 100
212 10.4 7.3 10.9
122 11.1 7.3 10.9#



#32
Benzo(a)anthracene
Concen: 0.05 ng
RT: 20.982 min Scan# 2099
Delta R.T. -0.003 min
Lab File: BN013264.D
Acq: 22 Dec 2020 09:47

Tgt Ion:228 Resp: 719
Ion Ratio Lower Upper
228 100
226 34.6 22.3 33.5#
229 31.4 15.7 23.5#

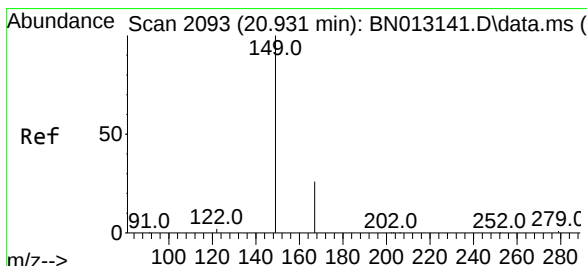
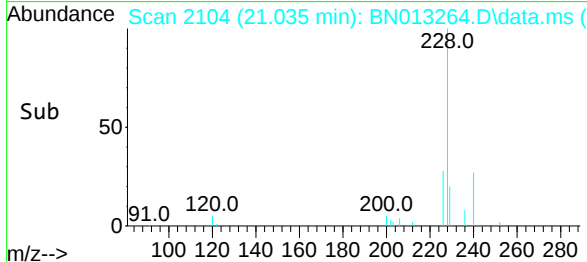
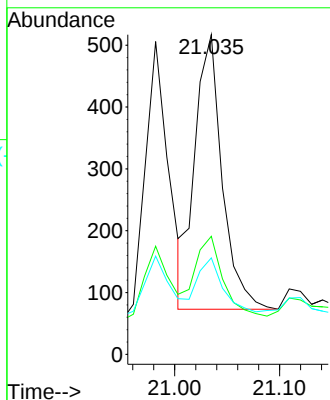
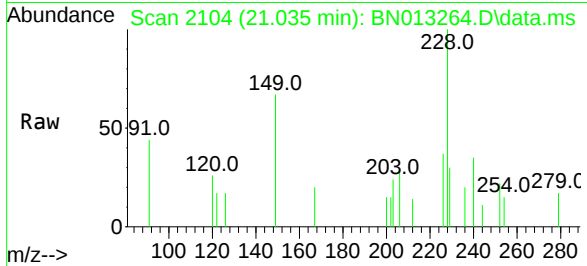




#33
Chrysene
Concen: 0.06 ng
RT: 21.035 min Scan# 2104
Delta R.T. -0.003 min
Lab File: BN013264.D
Acq: 22 Dec 2020 09:47

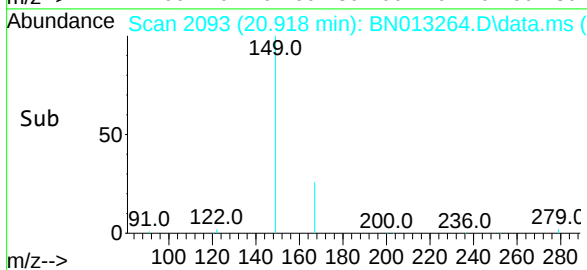
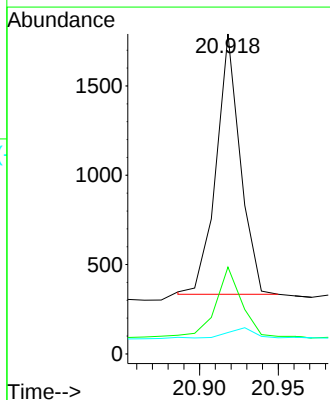
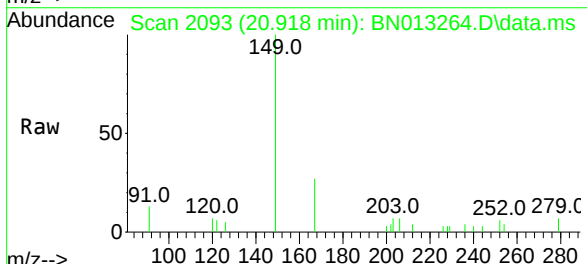
Instrument :
BNA_N
ClientSampleId :
MW179D1-20201214

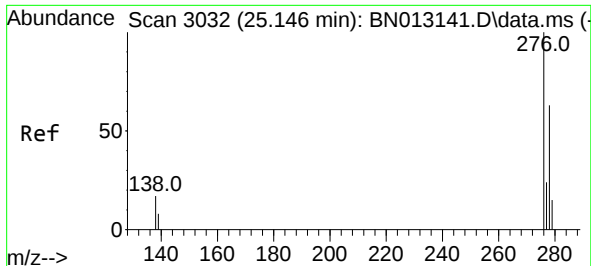
Tgt Ion:228	Resp:	801
Ion Ratio	Lower	Upper
228	100	
226	36.9	24.2 36.2#
229	30.2	15.7 23.5#



#34
Bis(2-ethylhexyl)phthalate
Concen: Below Cal
RT: 20.918 min Scan# 2093
Delta R.T. -0.003 min
Lab File: BN013264.D
Acq: 22 Dec 2020 09:47

Tgt Ion:149	Resp:	1548
Ion Ratio	Lower	Upper
149	100	
167	27.6	23.2 34.8
279	4.2	3.9 5.9

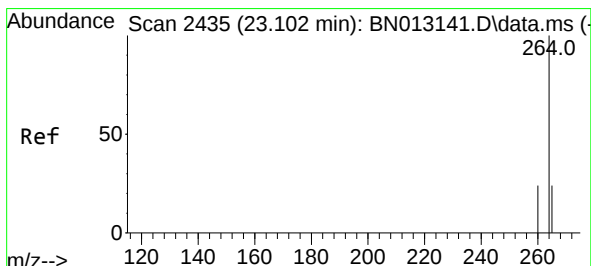
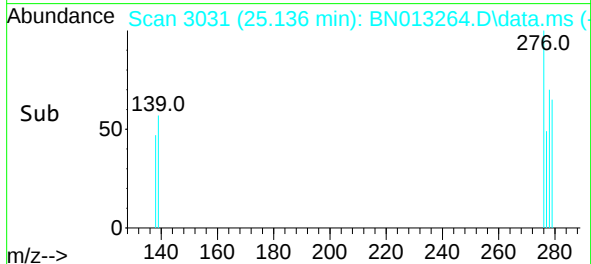
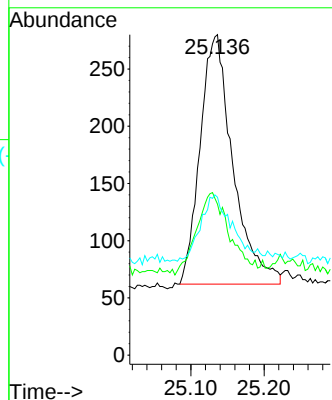
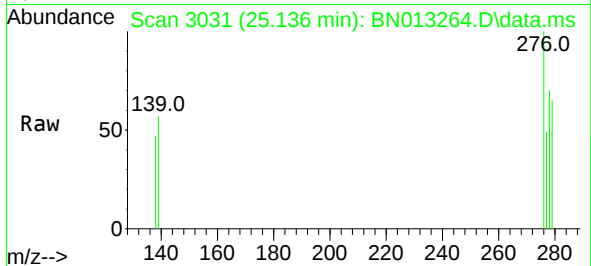




#35
Indeno(1,2,3-cd)pyrene
Concen: 0.03 ng
RT: 25.136 min Scan# 3031
Delta R.T. 0.014 min
Lab File: BN013264.D
Acq: 22 Dec 2020 09:47

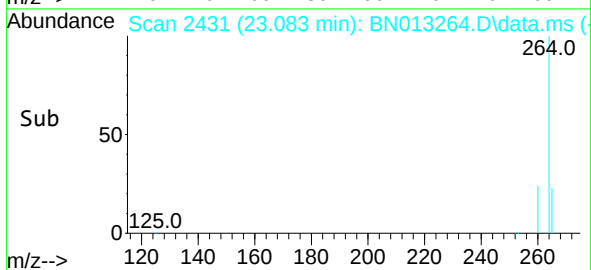
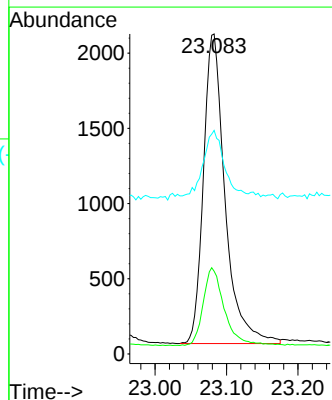
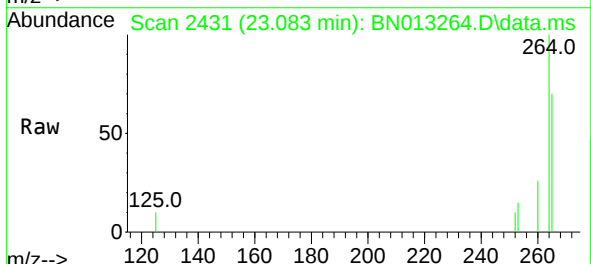
Instrument :
BNA_N
ClientSampleId :
MW179D1-20201214

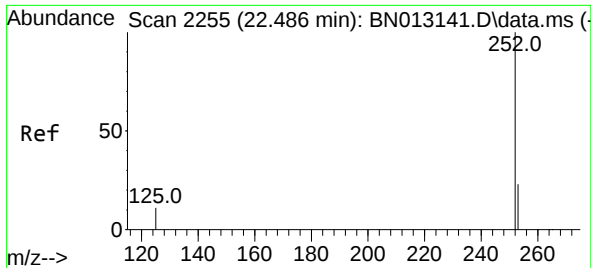
Tgt Ion:276 Resp: 680
Ion Ratio Lower Upper
276 100
138 0.0 13.3 19.9#
277 0.0 20.2 30.4#



#36
Perylene-d12
Concen: 0.40 ng
RT: 23.083 min Scan# 2431
Delta R.T. -0.003 min
Lab File: BN013264.D
Acq: 22 Dec 2020 09:47

Tgt Ion:264 Resp: 4331
Ion Ratio Lower Upper
264 100
260 25.8 19.8 29.6
265 69.8 51.4 77.0

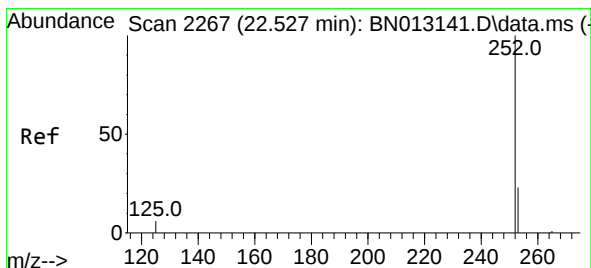
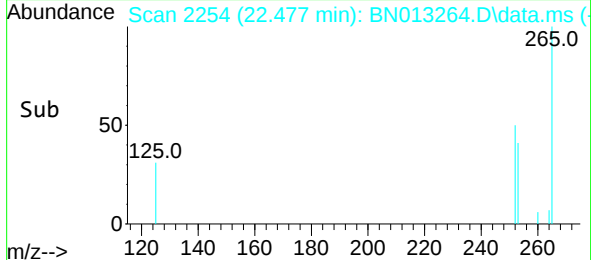
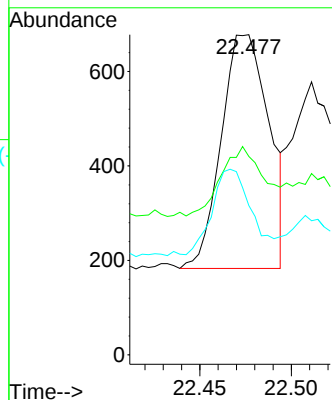
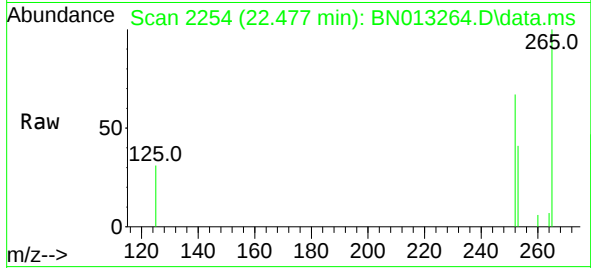




#37
Benzo(b)fluoranthene
Concen: 0.06 ng
RT: 22.477 min Scan# 2254
Delta R.T. 0.004 min
Lab File: BN013264.D
Acq: 22 Dec 2020 09:47

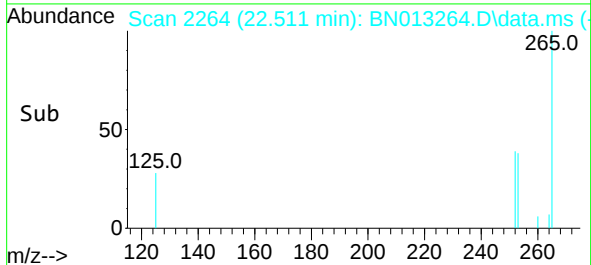
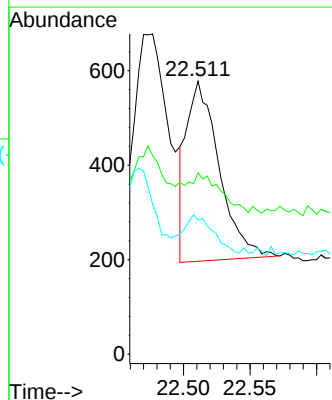
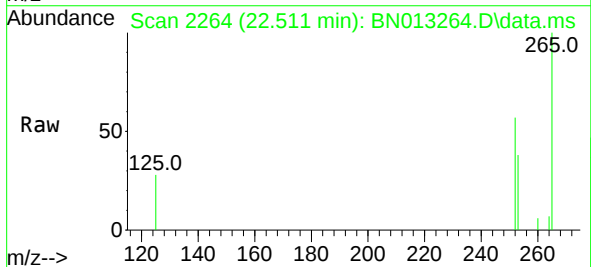
Instrument :
BNA_N
ClientSampleId :
MW179D1-20201214

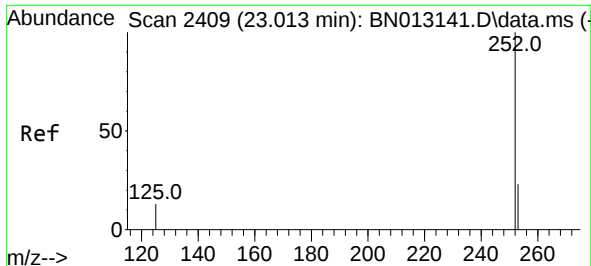
Tgt Ion:252 Resp: 896
Ion Ratio Lower Upper
252 100
253 61.9 20.1 30.1#
125 46.6 7.2 10.8#



#38
Benzo(k)fluoranthene
Concen: 0.04 ng
RT: 22.511 min Scan# 2264
Delta R.T. -0.003 min
Lab File: BN013264.D
Acq: 22 Dec 2020 09:47

Tgt Ion:252 Resp: 650
Ion Ratio Lower Upper
252 100
253 66.4 19.8 29.8#
125 49.1 7.1 10.7#





#39

Benzo(a)pyrene

Concen: 0.05 ng

RT: 22.994 min Scan# 2405

Delta R.T. -0.006 min

Lab File: BN013264.D

Acq: 22 Dec 2020 09:47

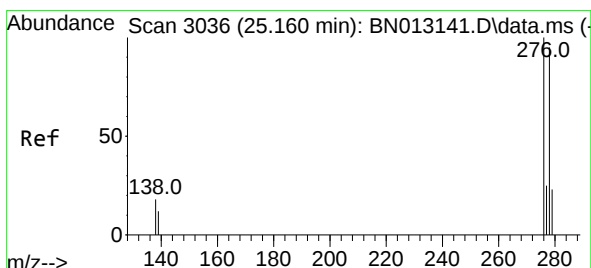
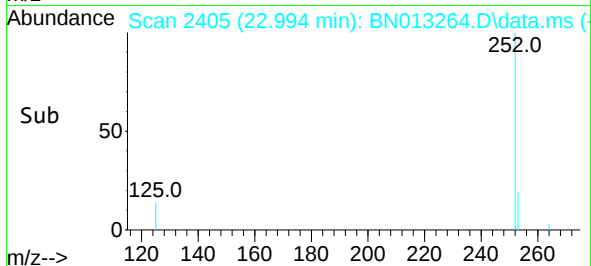
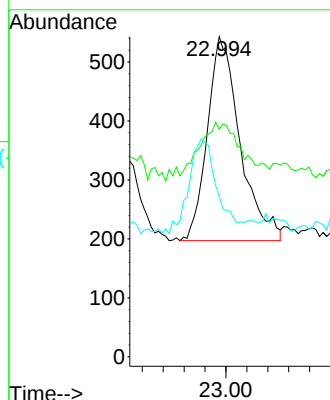
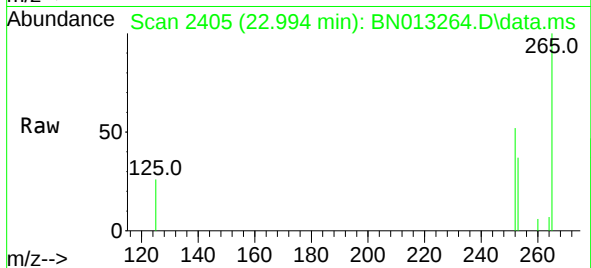
Tgt Ion:252	Resp:	751
Ion Ratio	Lower	Upper
252	100	
253	71.1	21.3 31.9#
125	50.1	8.3 12.5#

Instrument :

BNA_N

ClientSampleId :

MW179D1-20201214



#40

Dibenzo(a,h)anthracene

Concen: 0.02 ng

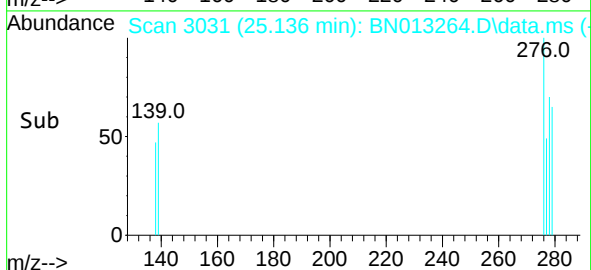
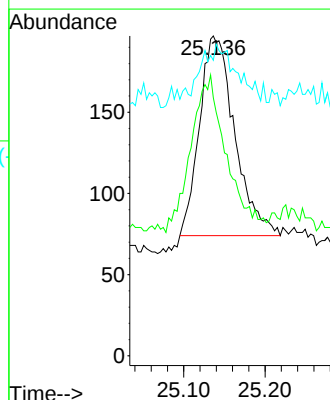
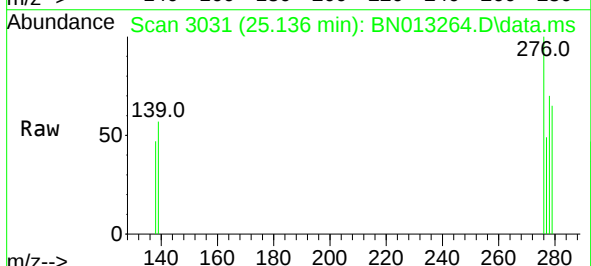
RT: 25.136 min Scan# 3031

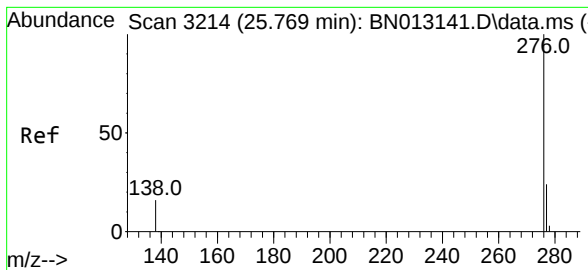
Delta R.T. 0.004 min

Lab File: BN013264.D

Acq: 22 Dec 2020 09:47

Tgt Ion:278	Resp:	370
Ion Ratio	Lower	Upper
278	100	
139	80.7	9.3 13.9#
279	92.4	21.6 32.4#





#41
 Benzo(g,h,i)perylene
 Concen: 0.04 ng
 RT: 25.752 min Scan# 3211
 Delta R.T. 0.011 min
 Lab File: BN013264.D
 Acq: 22 Dec 2020 09:47

Instrument :
 BNA_N
 ClientSampleId :
 MW179D1-20201214

Tgt Ion:	276	Resp:	784
Ion	Ratio	Lower	Upper
276	100		
277	46.3	19.8	29.8#
138	41.6	11.7	17.5#

