

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110920\
 Data File : BN012522.D
 Acq On : 09 Nov 2020 20:32
 Operator : CG/JU
 Sample : L4627-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB178-GW-98-100

Quant Time: Nov 10 04:02:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN110420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 05 05:46:47 2020
 Response via : Initial Calibration

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

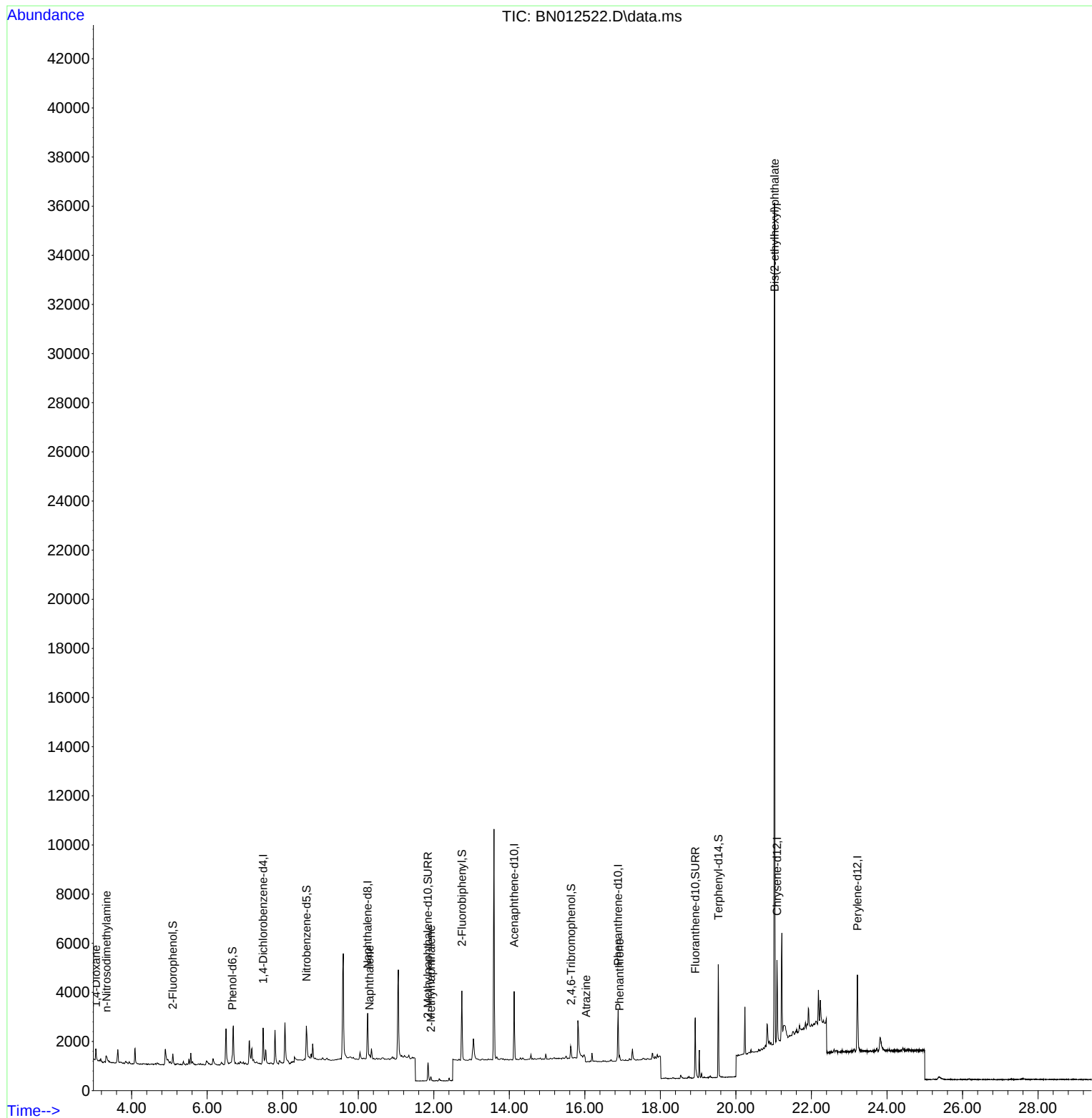
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.481	152	636	0.40	ng	0.00
7) Naphthalene-d8	10.250	136	2553	0.40	ng	0.00
13) Acenaphthene-d10	14.128	164	1461	0.40	ng	-0.01
19) Phenanthrene-d10	16.883	188	3004	0.40	ng	# 0.00
29) Chrysene-d12	21.089	240	3377	0.40	ng	#-0.01
36) Perylene-d12	23.217	264	4074	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.090	112	259	0.12	ng	0.00
5) Phenol-d6	6.668	99	195	0.07	ng	0.00
8) Nitrobenzene-d5	8.628	82	1234	0.41	ng	-0.01
11) 2-Methylnaphthalene-d10	11.846	152	1099	0.27	ng	0.00
14) 2,4,6-Tribromophenol	15.638	330	365	0.34	ng	0.00
15) 2-Fluorobiphenyl	12.746	172	2412	0.42	ng	-0.01
27) Fluoranthene-d10	18.923	212	3026	0.32	ng	0.00
31) Terphenyl-d14	19.534	244	4524	0.56	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.060	88	219	0.22	ng	# 61
3) n-Nitrosodimethylamine	3.334	42	141	0.05	ng	# 1
9) Naphthalene	10.301	128	170	0.02	ng	# 33
12) 2-Methylnaphthalene	11.926	142	116	0.03	ng	# 71
23) Atrazine	16.031	200	203	0.11	ng	# 3
25) Phenanthrene	16.919	178	191	0.02	ng	# 88
34) Bis(2-ethylhexyl)phtha...	21.025	149	30793	4.22	ng	# 89

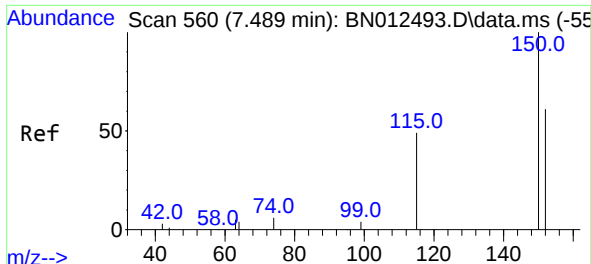
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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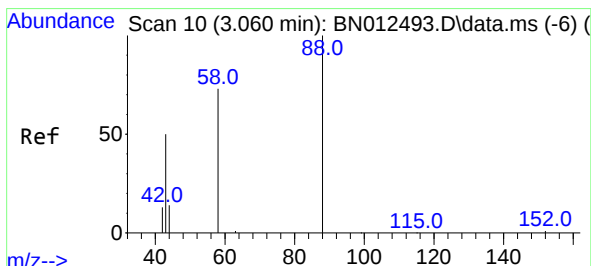
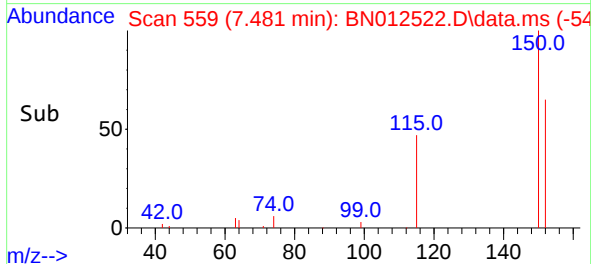
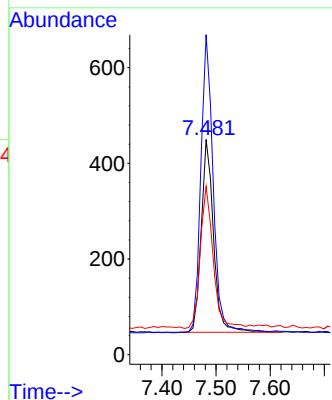
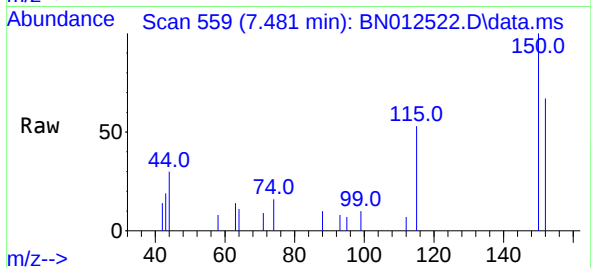




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.481 min Scan# 559
Delta R.T. -0.008 min
Lab File: BN012522.D
Acq: 09 Nov 2020 20:32

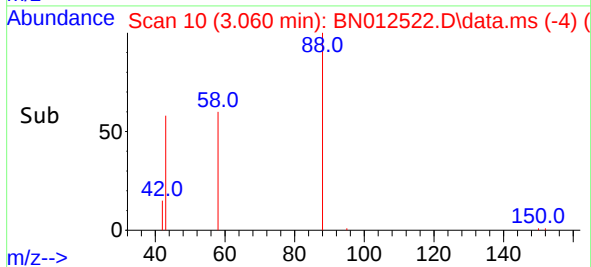
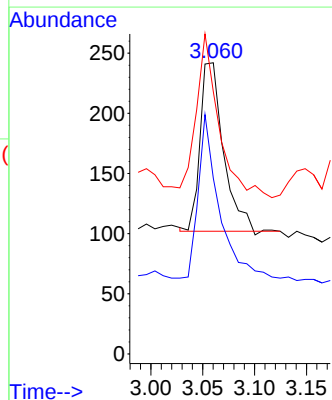
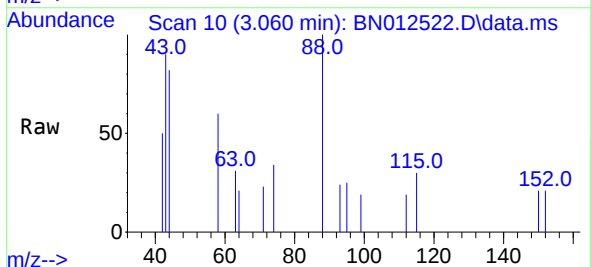
Instrument :
BNA_N
ClientSampleId :
BP-VPB178-GW-98-100

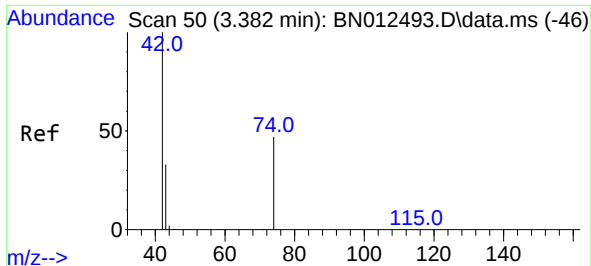
Tgt Ion:152 Resp: 636
Ion Ratio Lower Upper
152 100
150 148.7 116.6 174.8
115 78.2 52.9 79.3



#2
1,4-Dioxane
Concen: 0.22 ng
RT: 3.060 min Scan# 10
Delta R.T. 0.000 min
Lab File: BN012522.D
Acq: 09 Nov 2020 20:32

Tgt Ion: 88 Resp: 219
Ion Ratio Lower Upper
88 100
58 85.4 59.4 89.2
43 94.1 32.3 48.5#

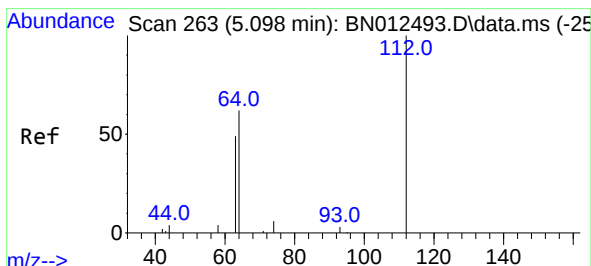
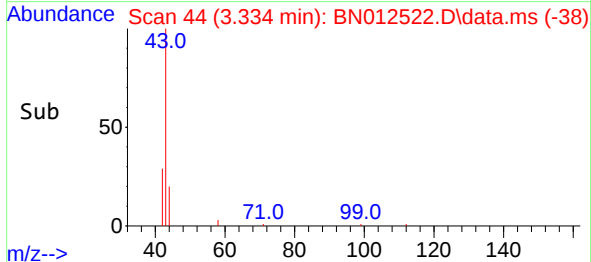
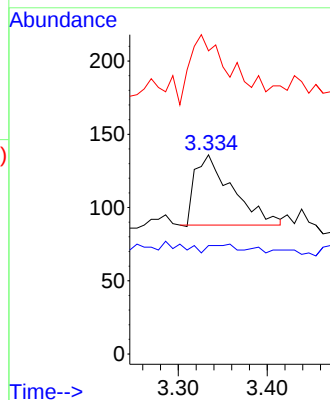
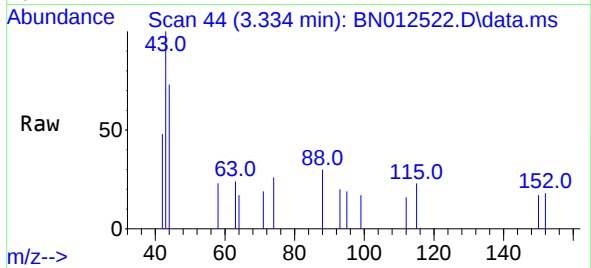




#3
n-Nitrosodimethylamine
Concen: 0.05 ng
RT: 3.334 min Scan# 44
Delta R.T. -0.048 min
Lab File: BN012522.D
Acq: 09 Nov 2020 20:32

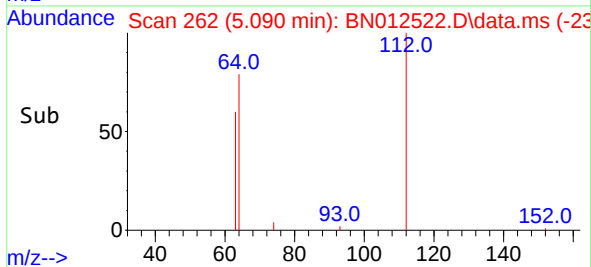
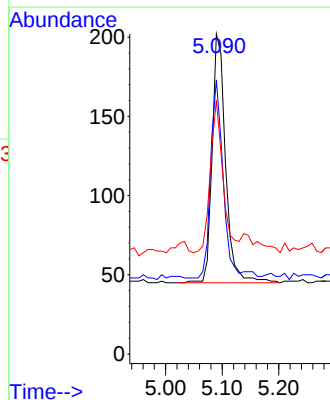
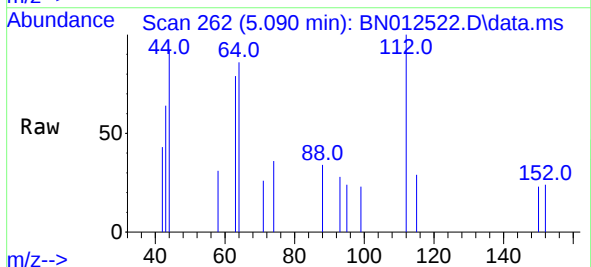
Instrument :
BNA_N
ClientSampleId :
BP-VPB178-GW-98-100

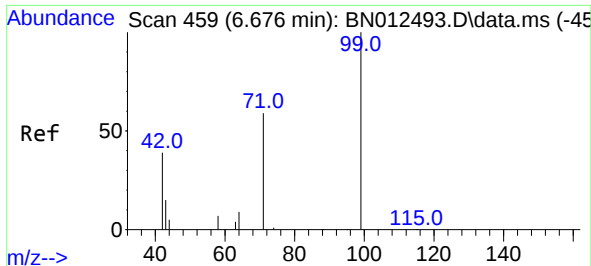
Tgt Ion: 42 Resp: 141
Ion Ratio Lower Upper
42 100
74 0.0 64.4 96.6#
44 100.0 2.8 4.2#



#4
2-Fluorophenol
Concen: 0.12 ng
RT: 5.090 min Scan# 262
Delta R.T. -0.008 min
Lab File: BN012522.D
Acq: 09 Nov 2020 20:32

Tgt Ion: 112 Resp: 259
Ion Ratio Lower Upper
112 100
64 75.3 49.5 74.3#
63 57.5 32.0 48.0#

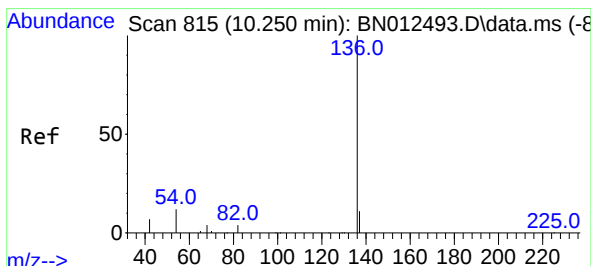
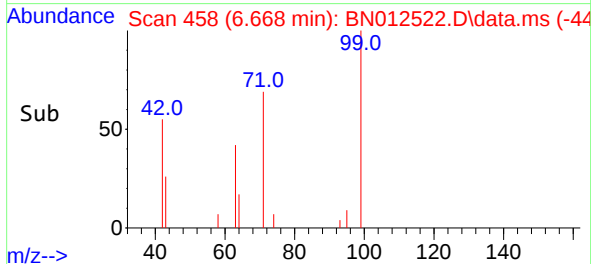
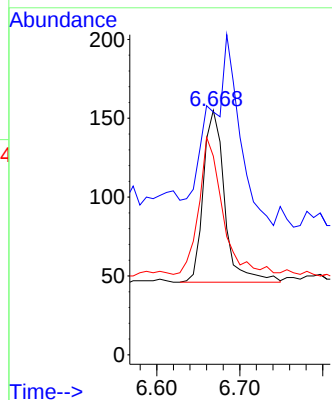
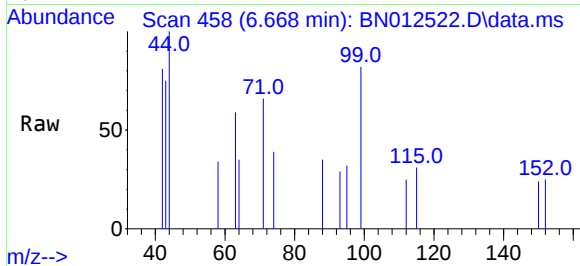




#5
Phenol-d6
Concen: 0.07 ng
RT: 6.668 min Scan# 458
Delta R.T. -0.008 min
Lab File: BN012522.D
Acq: 09 Nov 2020 20:32

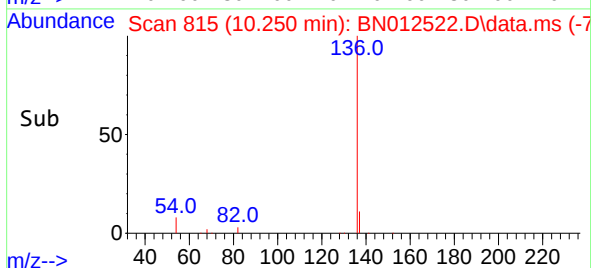
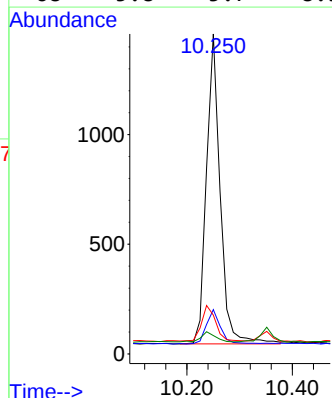
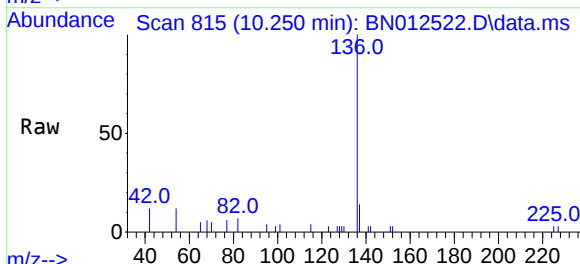
Instrument :
BNA_N
ClientSampleId :
BP-VPB178-GW-98-100

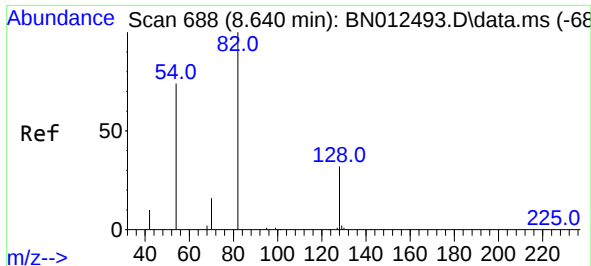
Tgt Ion:	99	Resp:	195
Ion	Ratio	Lower	Upper
99	100		
42	0.0	22.4	33.6#
71	88.2	37.8	56.6#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.250 min Scan# 815
Delta R.T. 0.000 min
Lab File: BN012522.D
Acq: 09 Nov 2020 20:32

Tgt Ion:	136	Resp:	2553
Ion	Ratio	Lower	Upper
136	100		
137	13.8	10.6	15.8
54	12.1	8.6	12.8
68	5.8	5.7	8.5

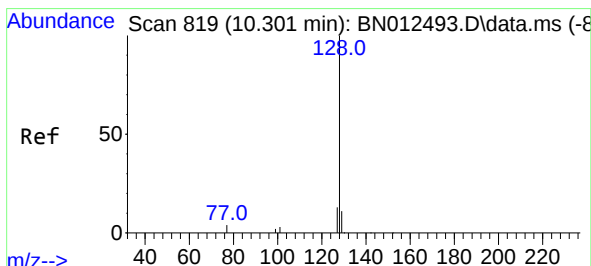
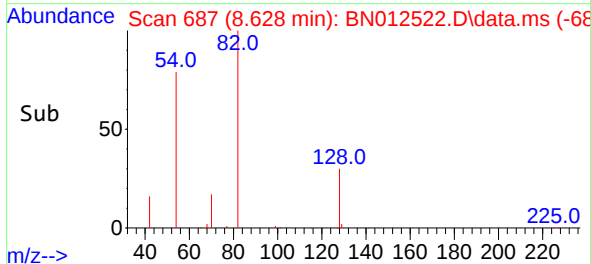
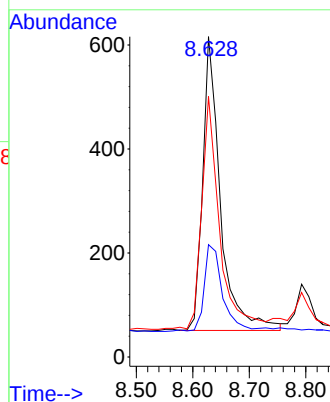
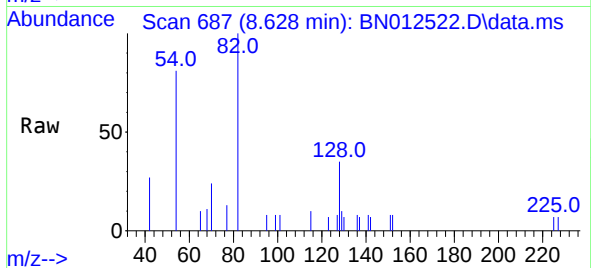




#8
Nitrobenzene-d5
Concen: 0.41 ng
RT: 8.628 min Scan# 687
Delta R.T. -0.013 min
Lab File: BN012522.D
Acq: 09 Nov 2020 20:32

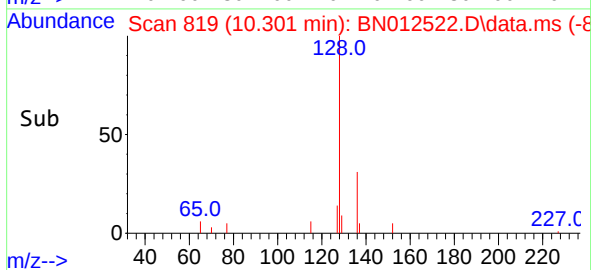
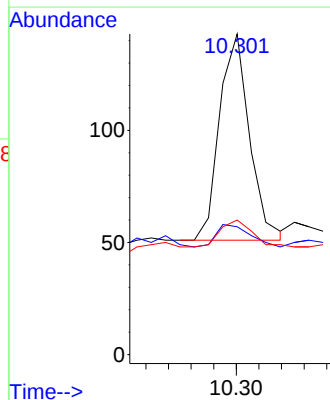
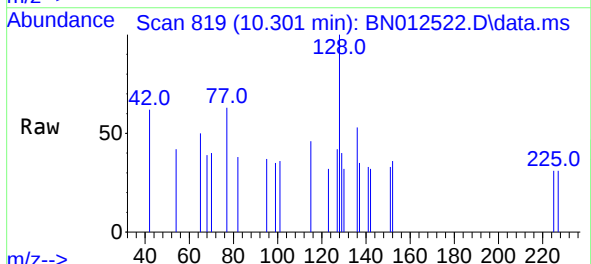
Instrument :
BNA_N
ClientSampleId :
BP-VPB178-GW-98-100

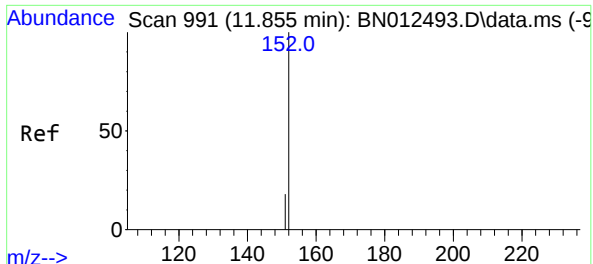
Tgt Ion:	82	Resp:	1234
Ion	Ratio	Lower	Upper
82	100		
128	35.1	30.6	46.0
54	81.3	48.3	72.5#



#9
Naphthalene
Concen: 0.02 ng
RT: 10.301 min Scan# 819
Delta R.T. 0.000 min
Lab File: BN012522.D
Acq: 09 Nov 2020 20:32

Tgt Ion:	128	Resp:	170
Ion	Ratio	Lower	Upper
128	100		
129	39.9	9.8	14.8#
127	42.0	12.2	18.4#

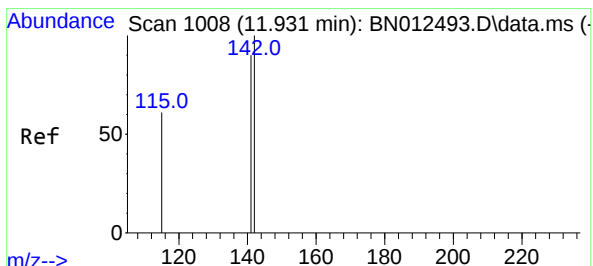
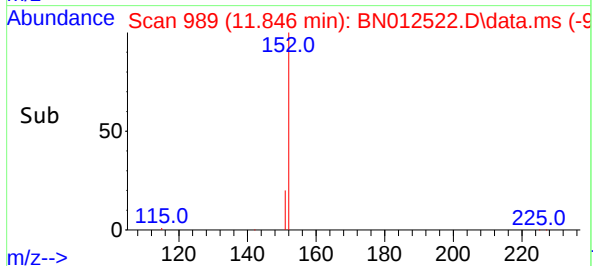
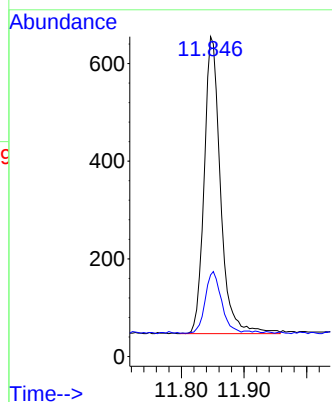
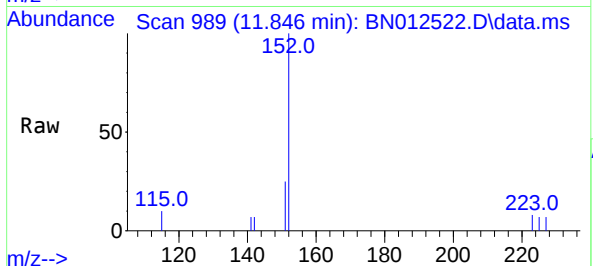




#11
2-Methylnaphthalene-d10
Concen: 0.27 ng
RT: 11.846 min Scan# 989
Delta R.T. -0.009 min
Lab File: BN012522.D
Acq: 09 Nov 2020 20:32

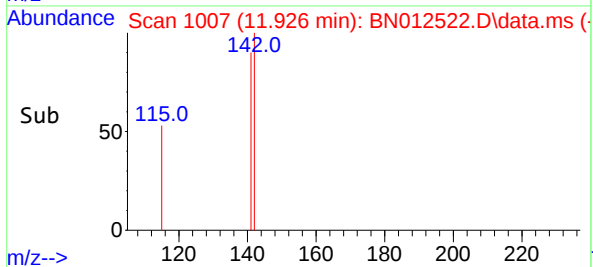
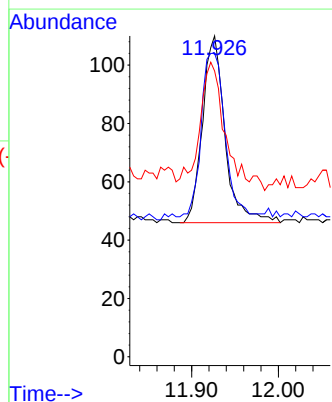
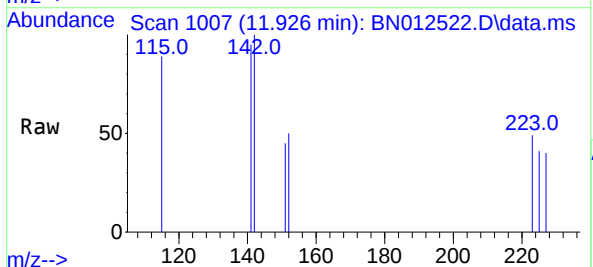
Instrument :
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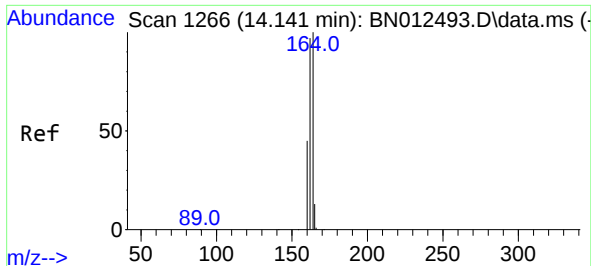
Tgt Ion:152 Resp: 1099
Ion Ratio Lower Upper
152 100
151 20.5 16.7 25.1



#12
2-Methylnaphthalene
Concen: 0.03 ng
RT: 11.926 min Scan# 1007
Delta R.T. -0.004 min
Lab File: BN012522.D
Acq: 09 Nov 2020 20:32

Tgt Ion:142 Resp: 116
Ion Ratio Lower Upper
142 100
141 94.5 69.4 104.2
115 89.1 35.7 53.5#



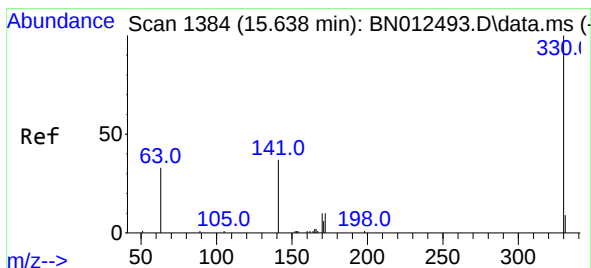
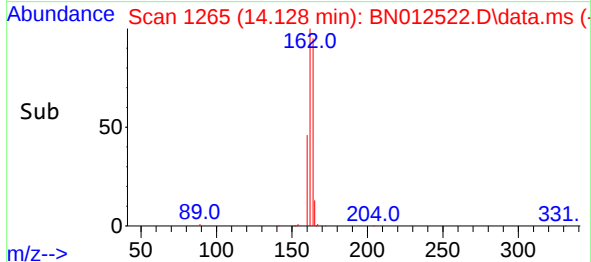
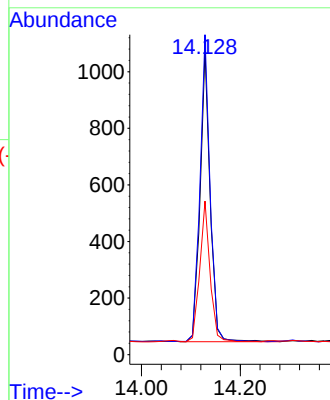
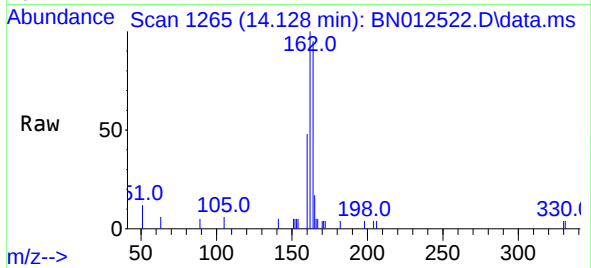


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.128 min Scan# 1265
Delta R.T. -0.013 min
Lab File: BN012522.D
Acq: 09 Nov 2020 20:32

Instrument :
BNA_N
ClientSampleId :
BP-VPB178-GW-98-100

Tgt Ion:164 Resp: 1461

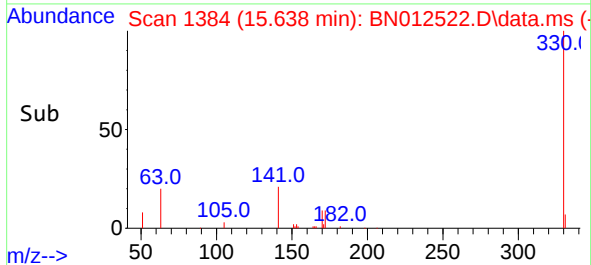
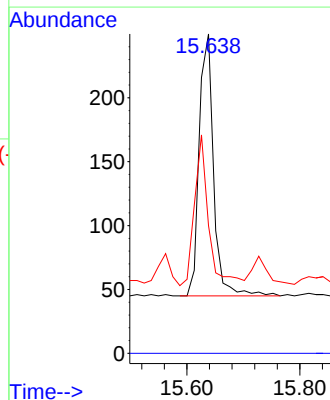
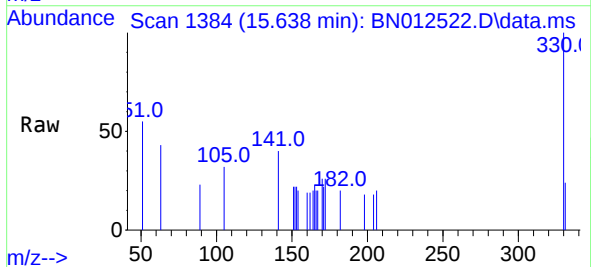
Ion	Ratio	Lower	Upper
164	100		
162	105.2	80.6	120.8
160	50.5	39.5	59.3

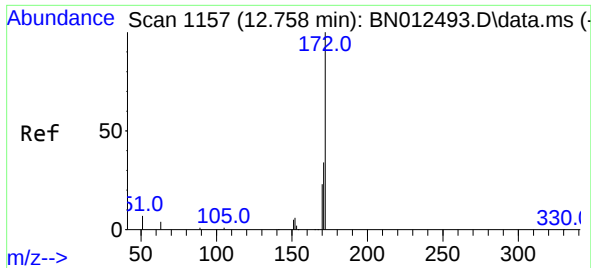


#14
2,4,6-Tribromophenol
Concen: 0.34 ng
RT: 15.638 min Scan# 1384
Delta R.T. 0.000 min
Lab File: BN012522.D
Acq: 09 Nov 2020 20:32

Tgt Ion:330 Resp: 365

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	55.6	34.4	51.6#

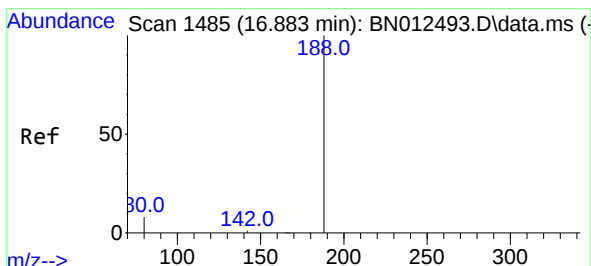
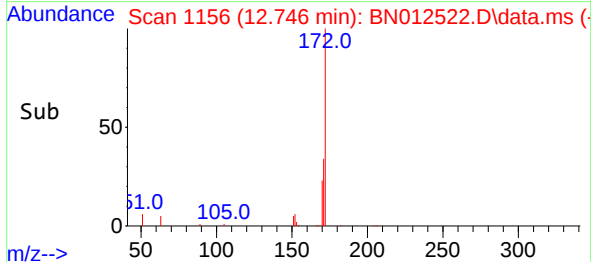
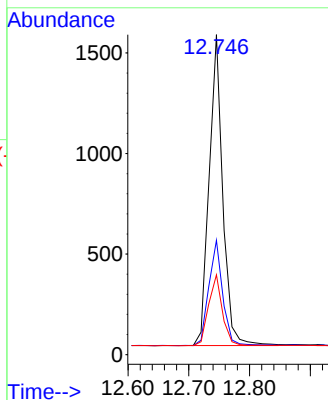
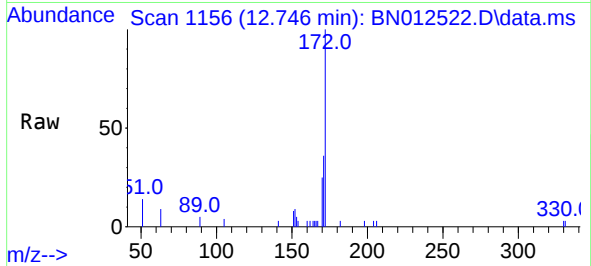




#15
2-Fluorobiphenyl
Concen: 0.42 ng
RT: 12.746 min Scan# 1156
Delta R.T. -0.013 min
Lab File: BN012522.D
Acq: 09 Nov 2020 20:32

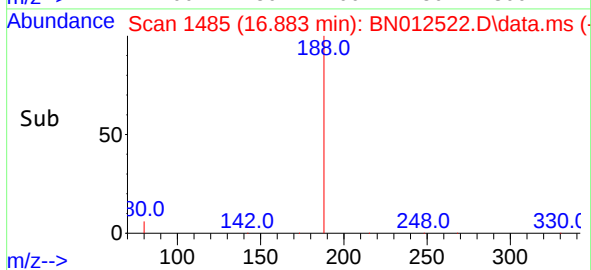
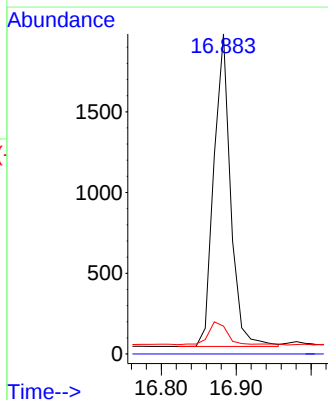
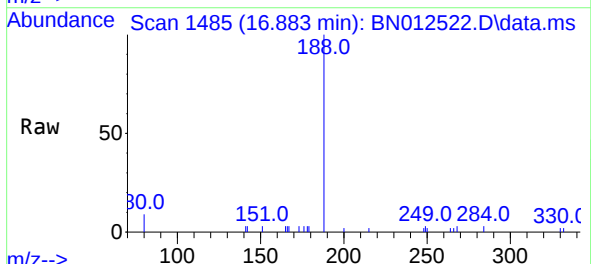
Instrument :
BNA_N
ClientSampleId :
BP-VPB178-GW-98-100

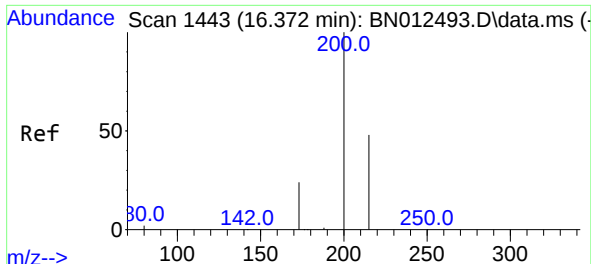
Tgt Ion:	172	Resp:	2412
Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.2	42.4
170	25.0	20.0	30.0



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.883 min Scan# 1485
Delta R.T. 0.000 min
Lab File: BN012522.D
Acq: 09 Nov 2020 20:32

Tgt Ion:	188	Resp:	3004
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.7	5.0	7.4#

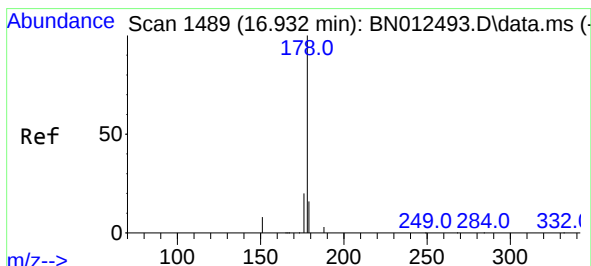
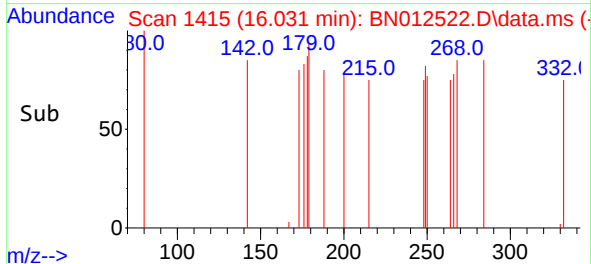
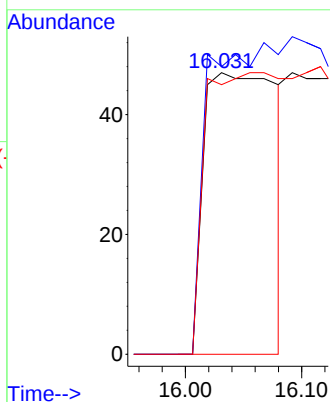
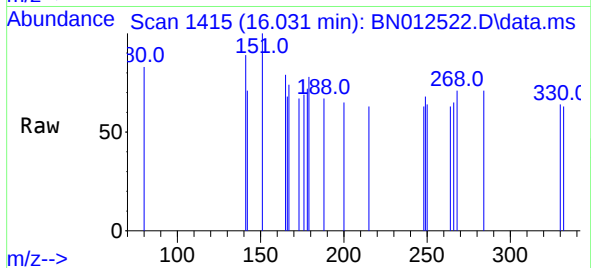




#23
Atrazine
Concen: 0.11 ng
RT: 16.031 min Scan# 1415
Delta R.T. -0.341 min
Lab File: BN012522.D
Acq: 09 Nov 2020 20:32

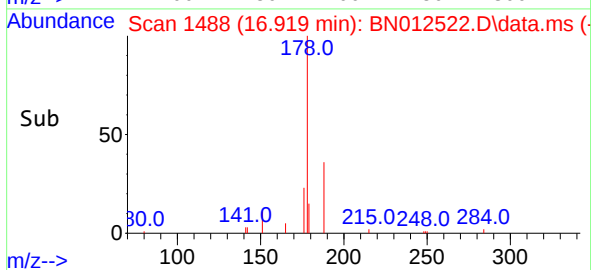
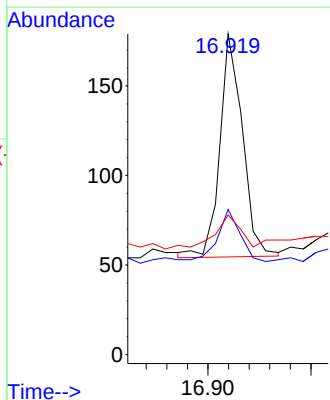
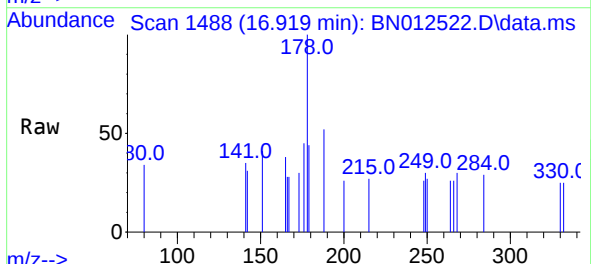
Instrument :
BNA_N
ClientSampleId :
BP-VPB178-GW-98-100

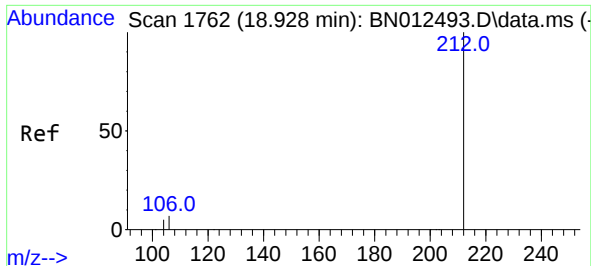
Tgt Ion:200 Resp: 203
Ion Ratio Lower Upper
200 100
173 102.1 22.8 34.2#
215 95.7 38.1 57.1#



#25
Phenanthrene
Concen: 0.02 ng
RT: 16.919 min Scan# 1488
Delta R.T. -0.012 min
Lab File: BN012522.D
Acq: 09 Nov 2020 20:32

Tgt Ion:178 Resp: 191
Ion Ratio Lower Upper
178 100
176 24.6 14.8 22.2#
179 19.4 12.4 18.6#

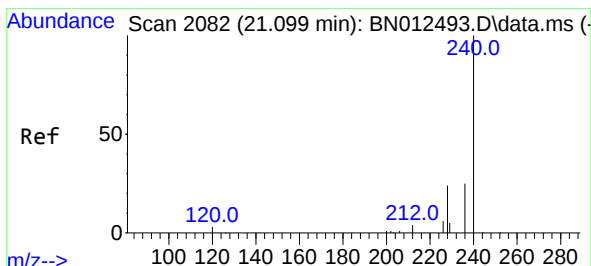
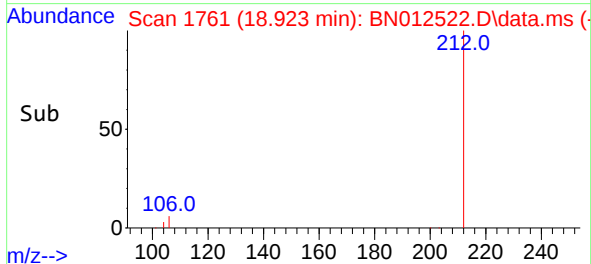
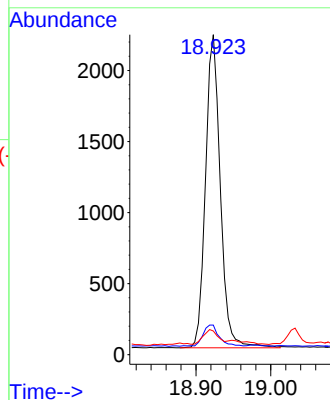
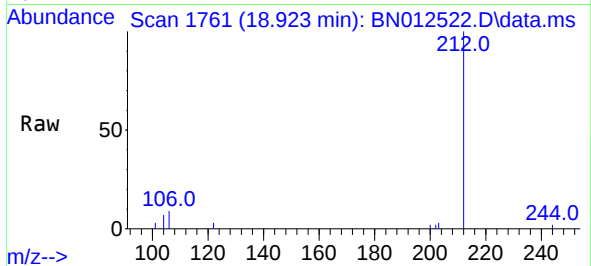




#27
Fluoranthene-d10
Concen: 0.32 ng
RT: 18.923 min Scan# 1761
Delta R.T. -0.005 min
Lab File: BN012522.D
Acq: 09 Nov 2020 20:32

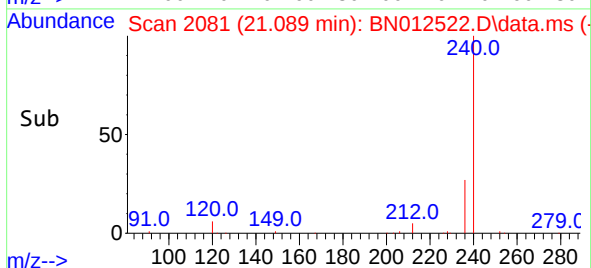
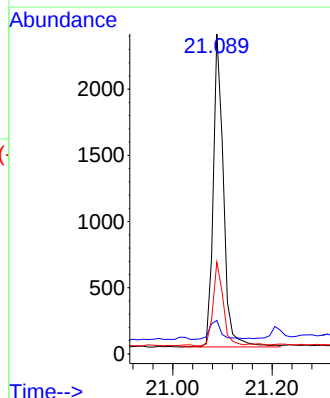
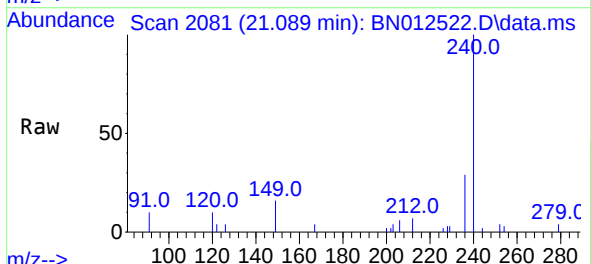
Instrument :
BNA_N
ClientSampleId :
BP-VPB178-GW-98-100

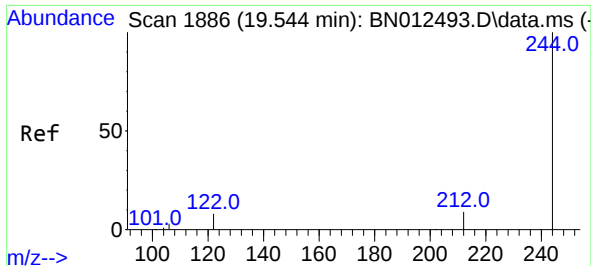
Tgt Ion:212	Resp:	3026
Ion Ratio	Lower	Upper
212	100	
106	7.4	6.8 10.2
104	4.8	4.1 6.1



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.089 min Scan# 2081
Delta R.T. -0.011 min
Lab File: BN012522.D
Acq: 09 Nov 2020 20:32

Tgt Ion:240	Resp:	3377
Ion Ratio	Lower	Upper
240	100	
120	10.5	5.3 7.9#
236	28.7	21.8 32.8

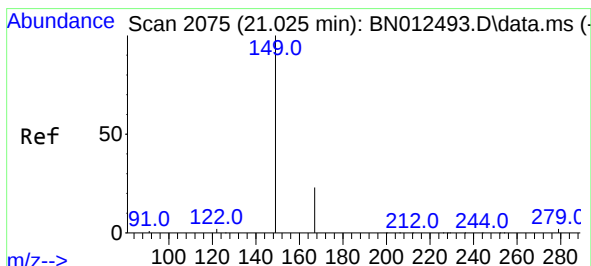
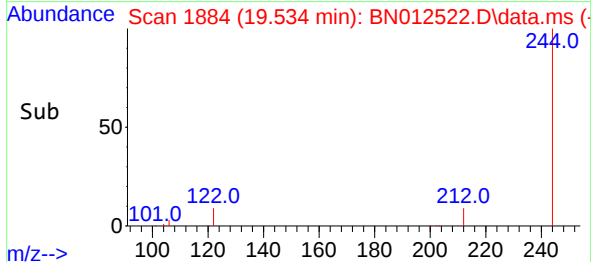
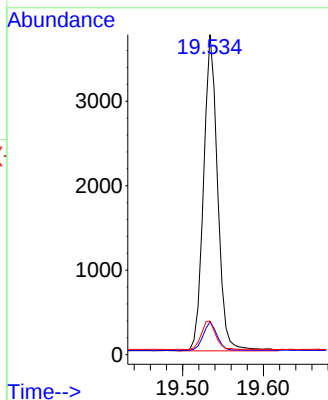
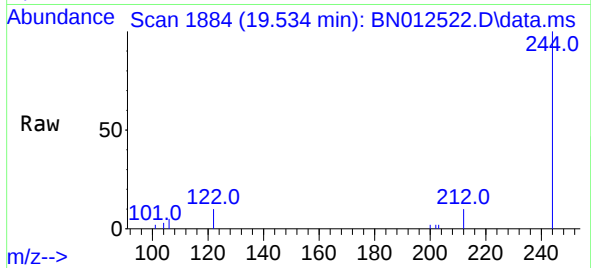




#31
 Terphenyl-d14
 Concen: 0.56 ng
 RT: 19.534 min Scan# 1884
 Delta R.T. -0.010 min
 Lab File: BN012522.D
 Acq: 09 Nov 2020 20:32

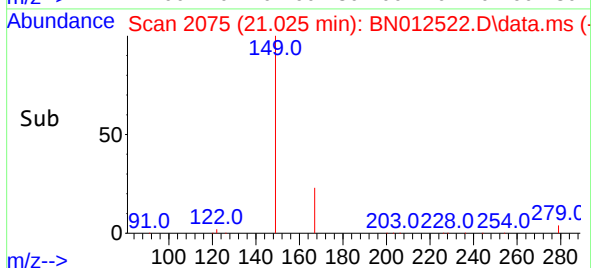
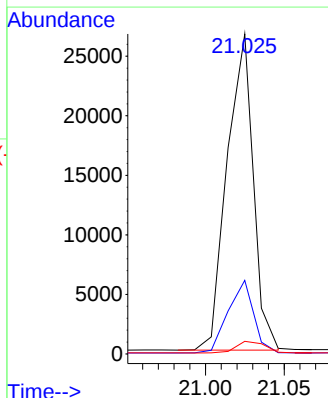
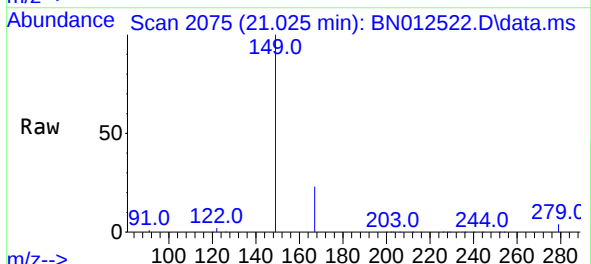
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB178-GW-98-100

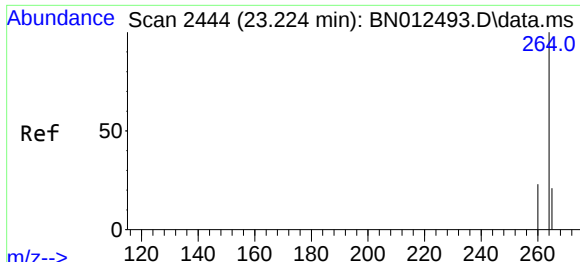
Tgt Ion:244	Resp:	4524
Ion Ratio	Lower	Upper
244	100	
212	10.3	7.3 10.9
122	10.5	7.3 10.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 4.22 ng
 RT: 21.025 min Scan# 2075
 Delta R.T. 0.000 min
 Lab File: BN012522.D
 Acq: 09 Nov 2020 20:32

Tgt Ion:149	Resp:	30793
Ion Ratio	Lower	Upper
149	100	
167	22.4	23.2 34.8#
279	4.1	3.9 5.9





#36
Perylene-d12
Concen: 0.40 ng
RT: 23.217 min Scan# 2442
Delta R.T. -0.007 min
Lab File: BN012522.D
Acq: 09 Nov 2020 20:32

Instrument :
BNA_N
ClientSampleId :
BP-VPB178-GW-98-100

Tgt Ion:264	Resp:	4074
Ion	Ratio	Lower Upper
264	100	
260	24.6	19.8 29.6
265	56.7	51.4 77.0

