

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110920\
 Data File : BN012523.D
 Acq On : 09 Nov 2020 21:08
 Operator : CG/JU
 Sample : L4627-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB178-GW-58-60

Quant Time: Nov 10 04:02:23 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)

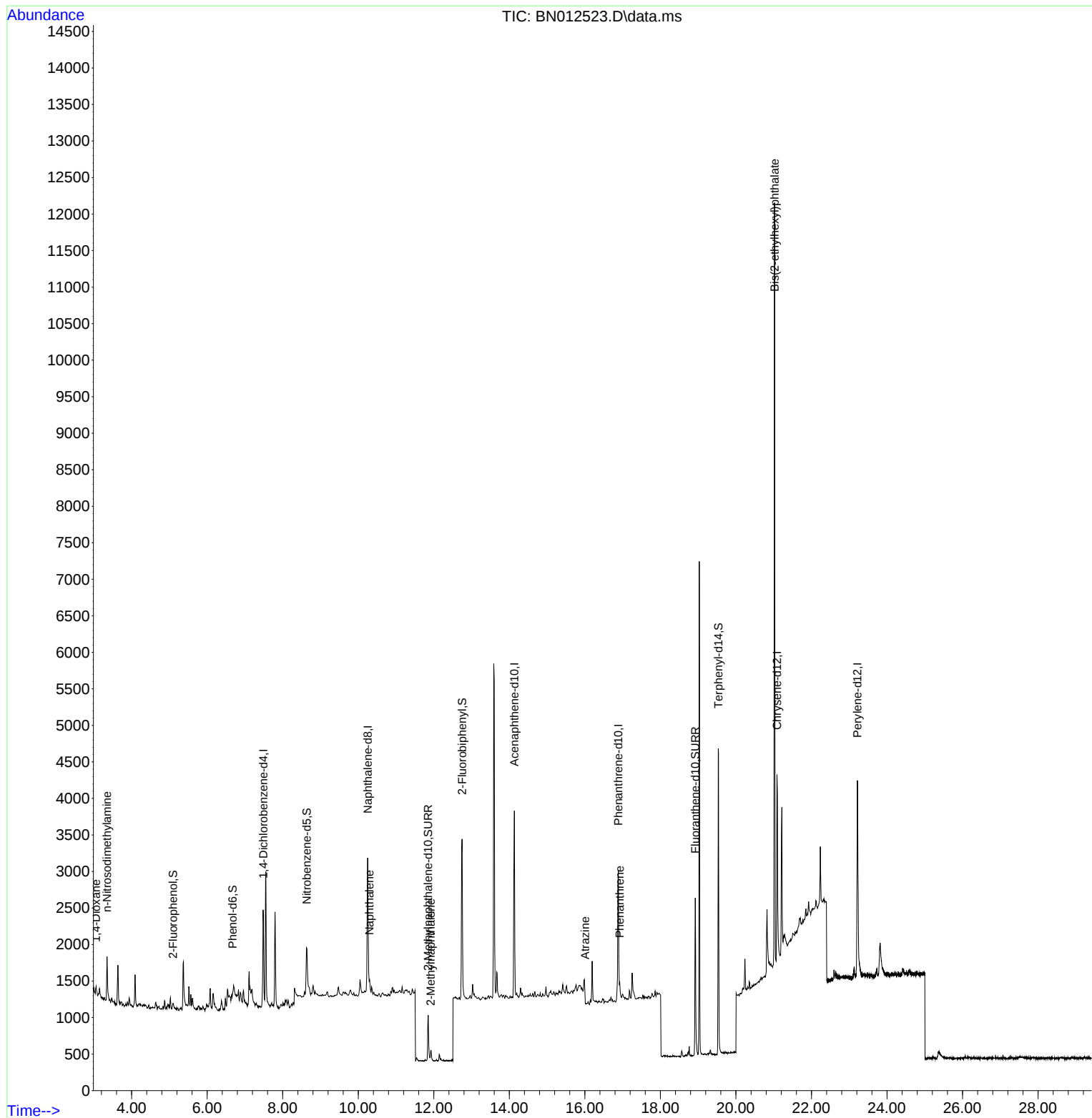
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.489	152	627	0.40	ng	0.00
7) Naphthalene-d8	10.250	136	2634	0.40	ng	# 0.00
13) Acenaphthene-d10	14.133	164	1455	0.40	ng	0.00
19) Phenanthrene-d10	16.887	188	2979	0.40	ng	# 0.00
29) Chrysene-d12	21.087	240	3287	0.40	ng	#-0.01
36) Perylene-d12	23.219	264	3745	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.097	112	60	0.03	ng	0.00
5) Phenol-d6	6.676	99	172	0.07	ng	0.00
8) Nitrobenzene-d5	8.640	82	779	0.25	ng	0.00
11) 2-Methylnaphthalene-d10	11.851	152	985	0.23	ng	0.00
14) 2,4,6-Tribromophenol	15.642	330	13	0.01	ng	0.00
15) 2-Fluorobiphenyl	12.750	172	2226	0.39	ng	0.00
27) Fluoranthene-d10	18.922	212	2853	0.31	ng	0.00
31) Terphenyl-d14	19.537	244	4561	0.58	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.060	88	72	0.07	ng	# 53
3) n-Nitrosodimethylamine	3.350	42	190	0.07	ng	# 10
9) Naphthalene	10.300	128	201	0.03	ng	# 32
12) 2-Methylnaphthalene	11.922	142	107	0.02	ng	# 64
23) Atrazine	16.010	200	106	0.06	ng	# 1
25) Phenanthrene	16.923	178	180	0.02	ng	# 87
34) Bis(2-ethylhexyl)phtha...	21.024	149	8839	1.25	ng	# 90

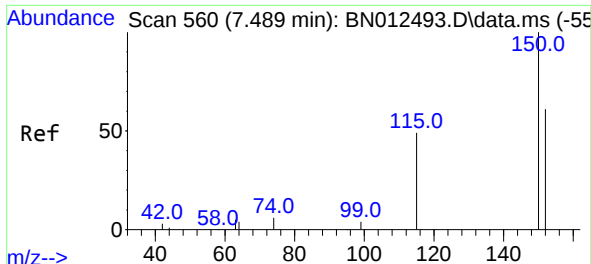
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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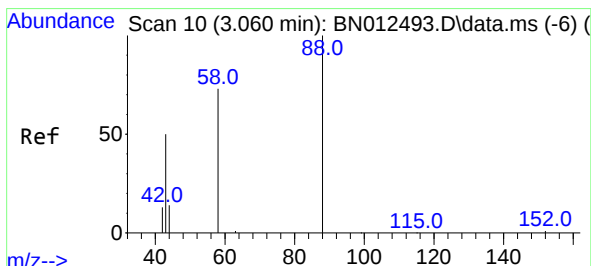
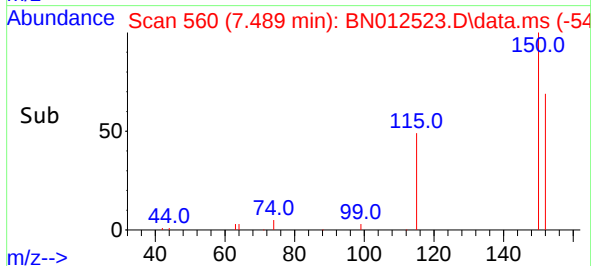
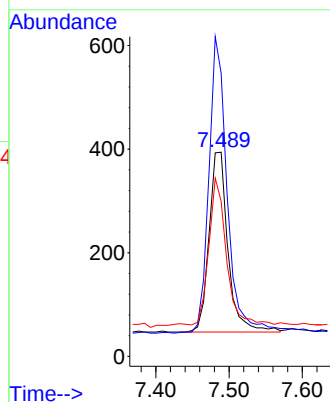
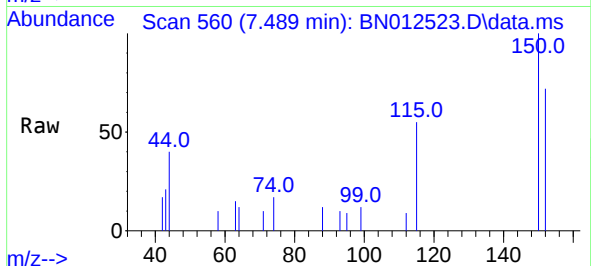


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.489 min Scan# 560
 Delta R.T. 0.000 min
 Lab File: BN012523.D
 Acq: 09 Nov 2020 21:08

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB178-GW-58-60

Tgt Ion: 152 Resp: 627

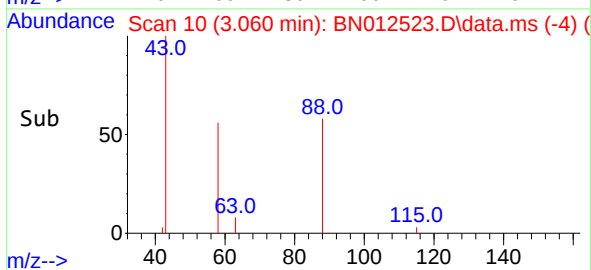
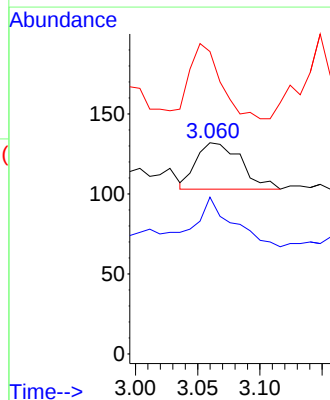
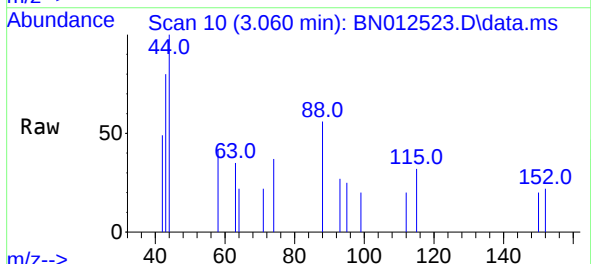
Ion	Ratio	Lower	Upper
152	100		
150	138.6	116.6	174.8
115	75.9	52.9	79.3

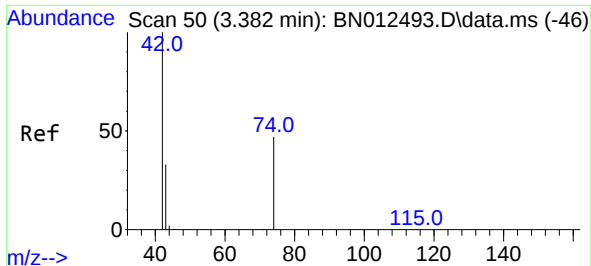


#2
 1,4-Dioxane
 Concen: 0.07 ng
 RT: 3.060 min Scan# 10
 Delta R.T. -0.000 min
 Lab File: BN012523.D
 Acq: 09 Nov 2020 21:08

Tgt Ion: 88 Resp: 72

Ion	Ratio	Lower	Upper
88	100		
58	81.9	59.4	89.2
43	112.5	32.3	48.5

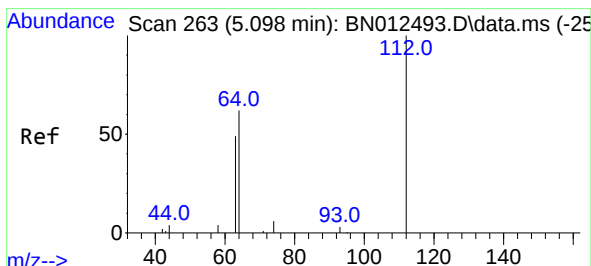
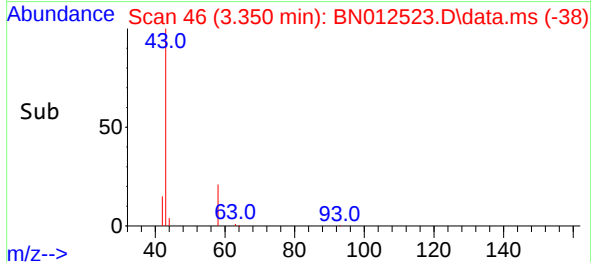
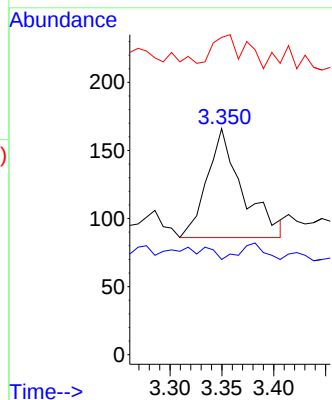
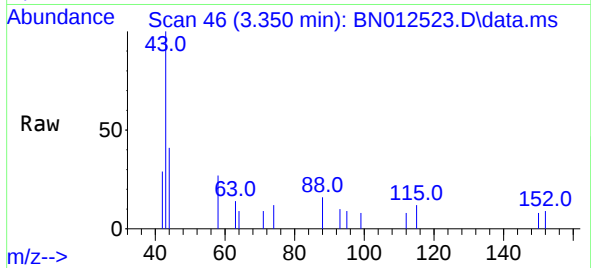




#3
n-Nitrosodimethylamine
Concen: 0.07 ng
RT: 3.350 min Scan# 46
Delta R.T. -0.032 min
Lab File: BN012523.D
Acq: 09 Nov 2020 21:08

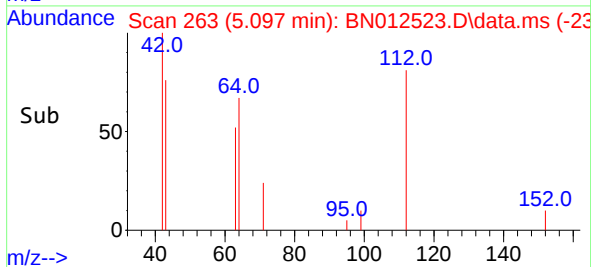
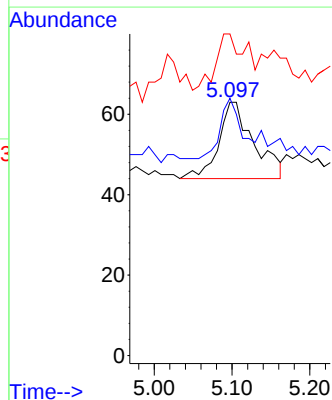
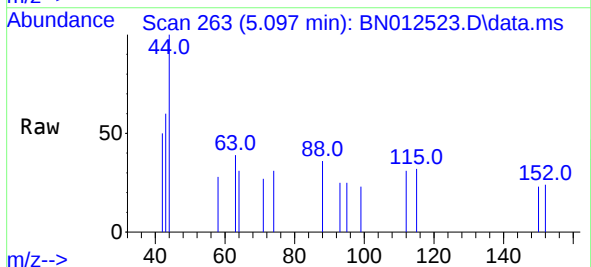
Instrument :
BNA_N
ClientSampleId :
BP-VPB178-GW-58-60

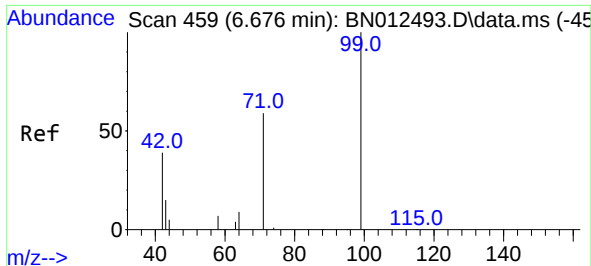
Tgt Ion: 42 Resp: 190
Ion Ratio Lower Upper
42 100
74 0.0 64.4 96.6#
44 28.9 2.8 4.2#



#4
2-Fluorophenol
Concen: 0.03 ng
RT: 5.097 min Scan# 263
Delta R.T. -0.000 min
Lab File: BN012523.D
Acq: 09 Nov 2020 21:08

Tgt Ion: 112 Resp: 60
Ion Ratio Lower Upper
112 100
64 48.3 49.5 74.3#
63 55.0 32.0 48.0#

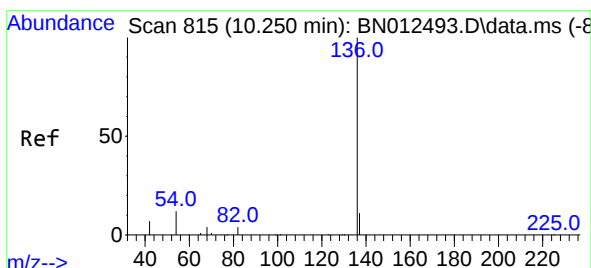
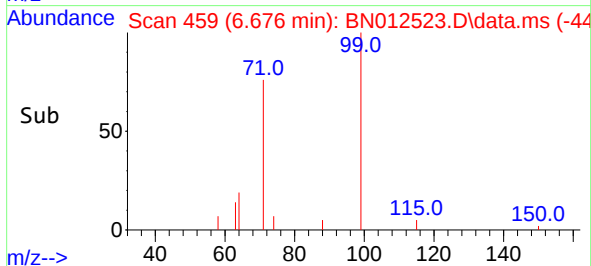
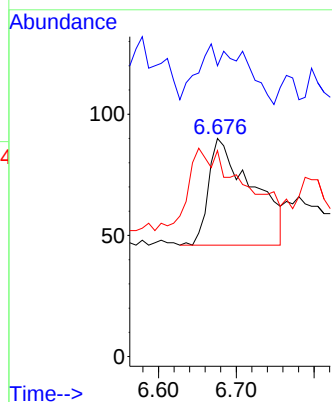
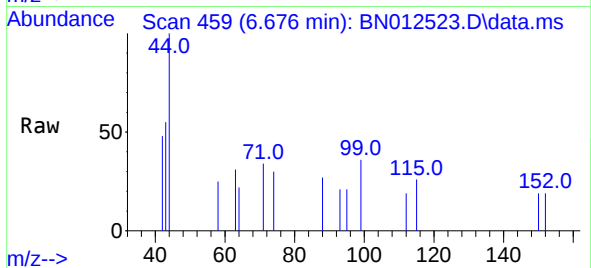




#5
Phenol-d6
Concen: 0.07 ng
RT: 6.676 min Scan# 459
Delta R.T. -0.000 min
Lab File: BN012523.D
Acq: 09 Nov 2020 21:08

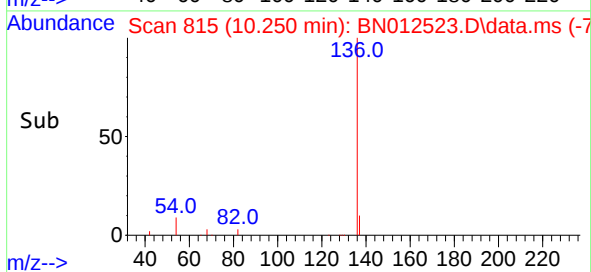
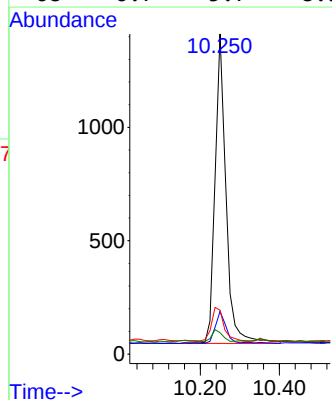
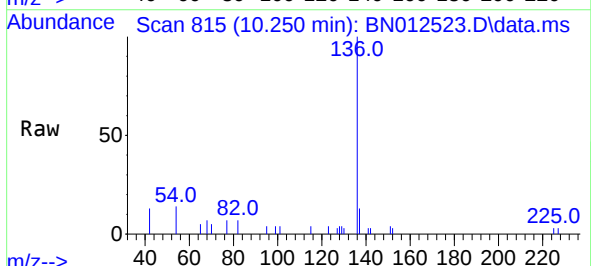
Instrument :
BNA_N
ClientSampleId :
BP-VPB178-GW-58-60

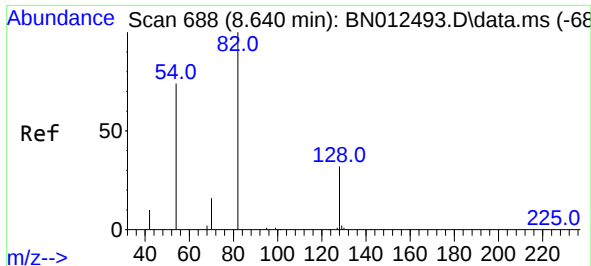
Tgt Ion:	99	Resp:	172
Ion	Ratio	Lower	Upper
99	100		
42	23.3	22.4	33.6
71	0.0	37.8	56.6#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.250 min Scan# 815
Delta R.T. -0.000 min
Lab File: BN012523.D
Acq: 09 Nov 2020 21:08

Tgt Ion:	136	Resp:	2634
Ion	Ratio	Lower	Upper
136	100		
137	13.3	10.6	15.8
54	13.7	8.6	12.8#
68	6.7	5.7	8.5

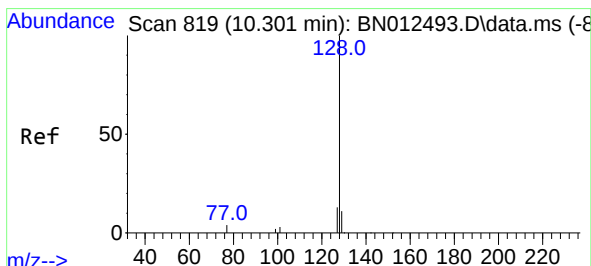
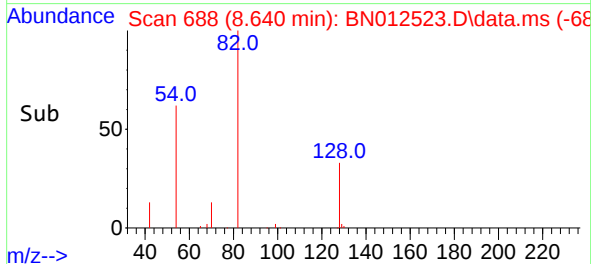
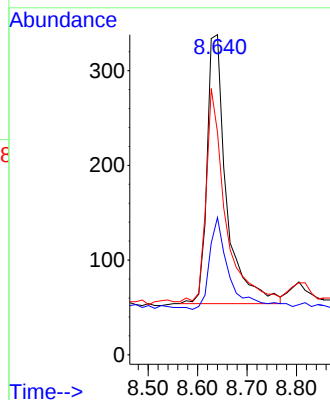
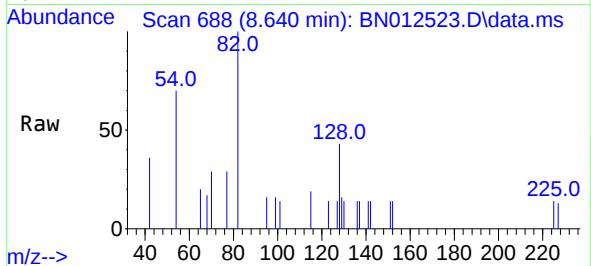




#8
Nitrobenzene-d5
Concen: 0.25 ng
RT: 8.640 min Scan# 688
Delta R.T. -0.000 min
Lab File: BN012523.D
Acq: 09 Nov 2020 21:08

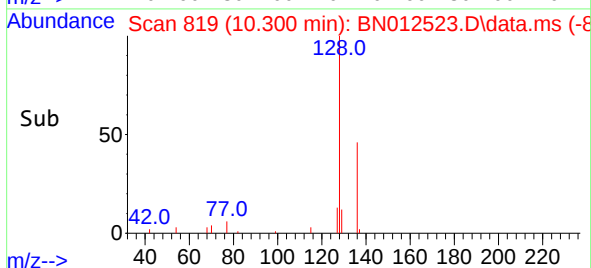
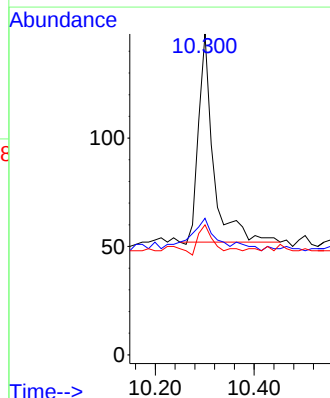
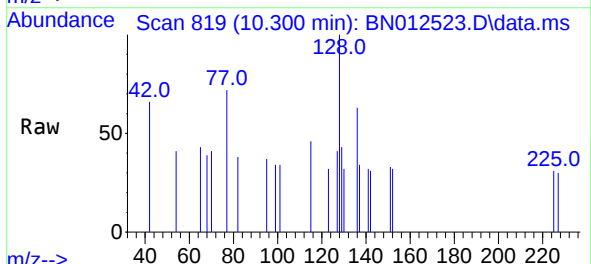
Instrument :
BNA_N
ClientSampleId :
BP-VPB178-GW-58-60

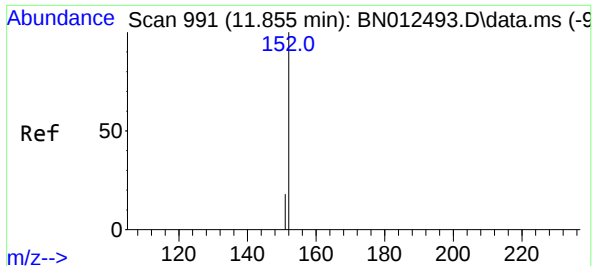
Tgt Ion:	82	Resp:	779
Ion	Ratio	Lower	Upper
82	100		
128	42.9	30.6	46.0
54	69.5	48.3	72.5



#9
Naphthalene
Concen: 0.03 ng
RT: 10.300 min Scan# 819
Delta R.T. -0.000 min
Lab File: BN012523.D
Acq: 09 Nov 2020 21:08

Tgt Ion:	128	Resp:	201
Ion	Ratio	Lower	Upper
128	100		
129	42.6	9.8	14.8#
127	40.5	12.2	18.4#

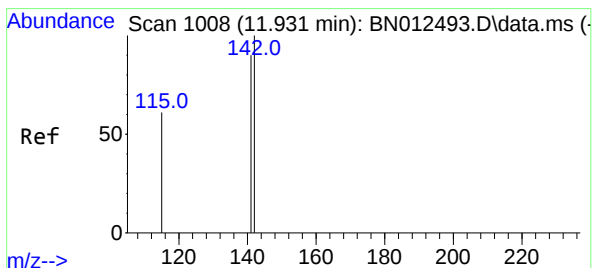
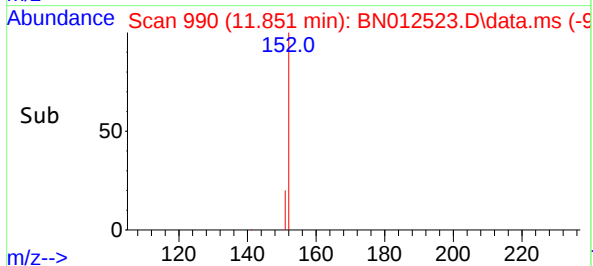
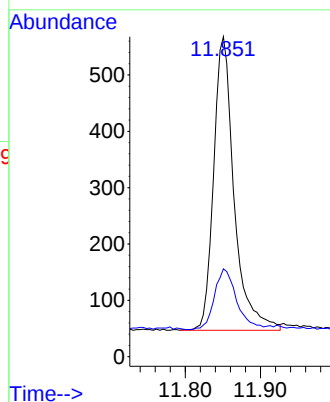
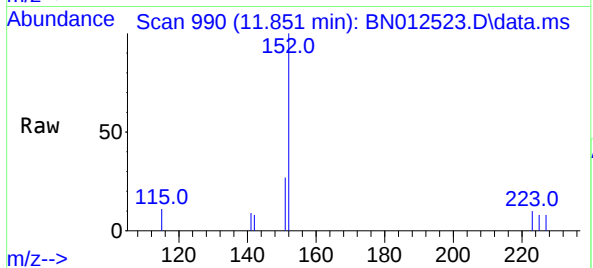




#11
2-Methylnaphthalene-d10
Concen: 0.23 ng
RT: 11.851 min Scan# 990
Delta R.T. -0.005 min
Lab File: BN012523.D
Acq: 09 Nov 2020 21:08

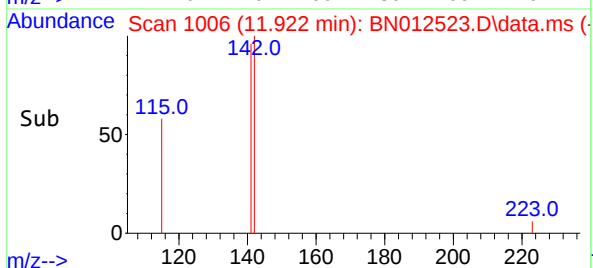
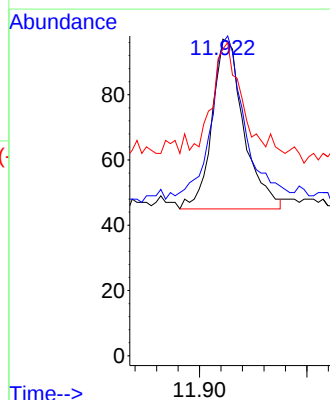
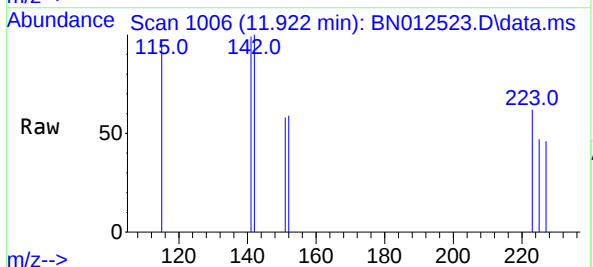
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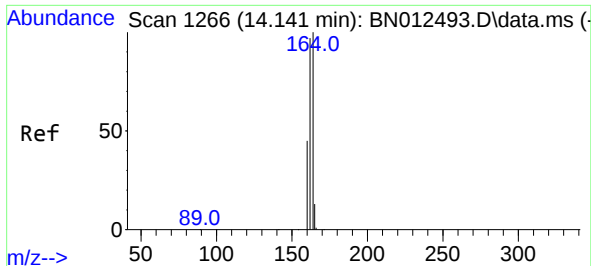
Tgt Ion:152 Resp: 985
Ion Ratio Lower Upper
152 100
151 22.6 16.7 25.1



#12
2-Methylnaphthalene
Concen: 0.02 ng
RT: 11.922 min Scan# 1006
Delta R.T. -0.009 min
Lab File: BN012523.D
Acq: 09 Nov 2020 21:08

Tgt Ion:142 Resp: 107
Ion Ratio Lower Upper
142 100
141 99.0 69.4 104.2
115 96.9 35.7 53.5#



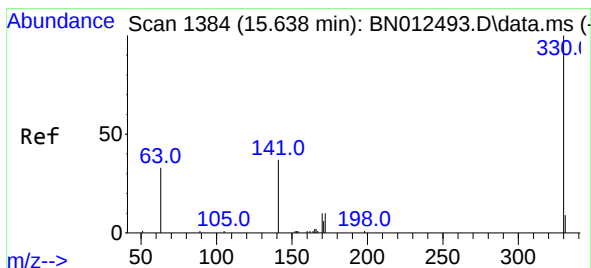
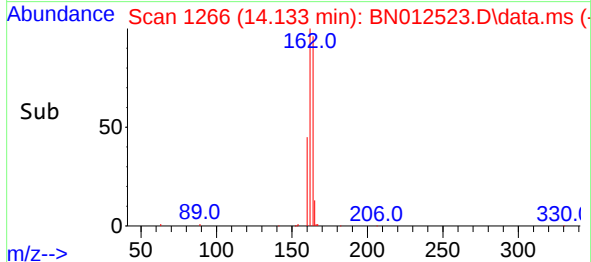
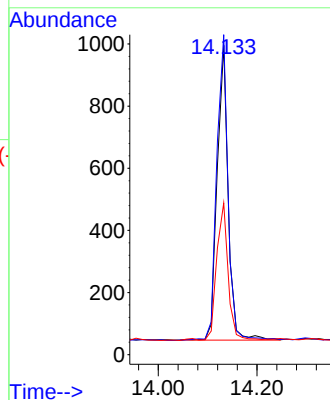
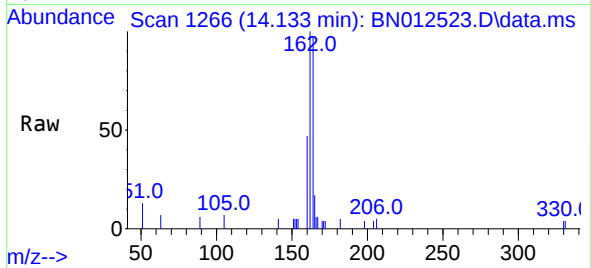


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.133 min Scan# 1266
Delta R.T. -0.008 min
Lab File: BN012523.D
Acq: 09 Nov 2020 21:08

Instrument :
BNA_N
ClientSampleId :
BP-VPB178-GW-58-60

Tgt Ion:164 Resp: 1455

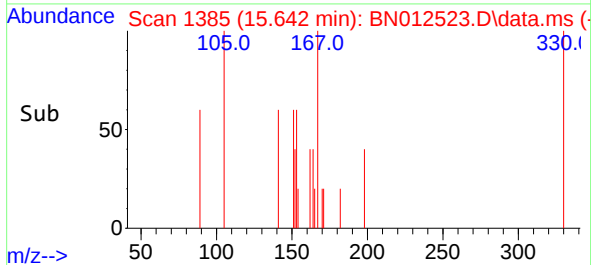
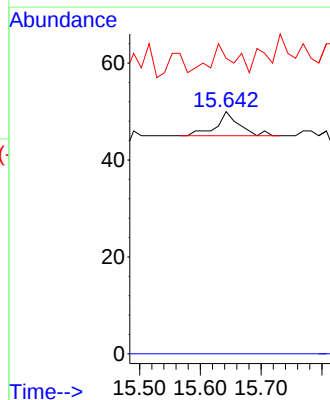
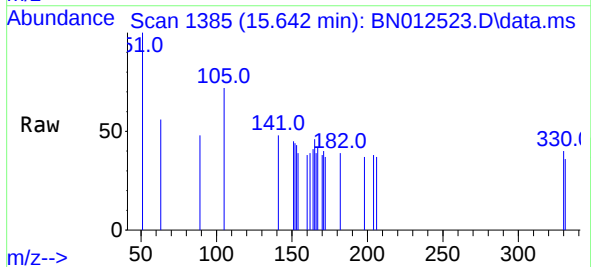
Ion	Ratio	Lower	Upper
164	100		
162	103.4	80.6	120.8
160	49.0	39.5	59.3

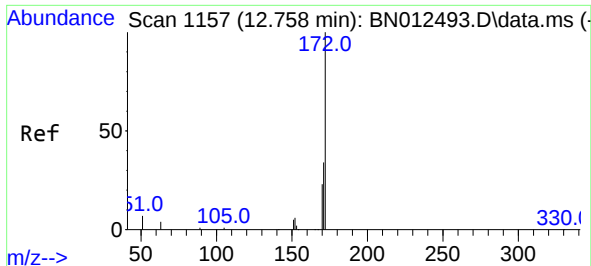


#14
2,4,6-Tribromophenol
Concen: 0.01 ng
RT: 15.642 min Scan# 1385
Delta R.T. 0.004 min
Lab File: BN012523.D
Acq: 09 Nov 2020 21:08

Tgt Ion:330 Resp: 13

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	53.8	34.4	51.6#

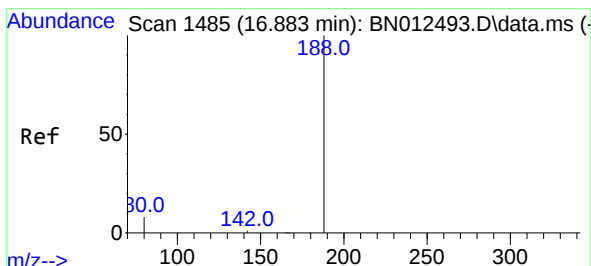
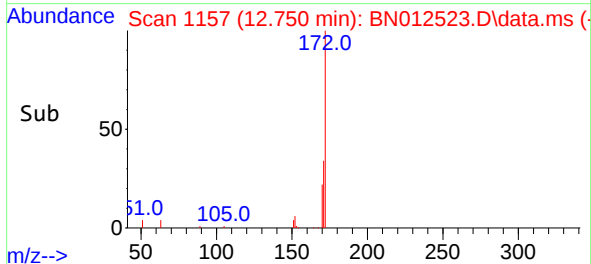
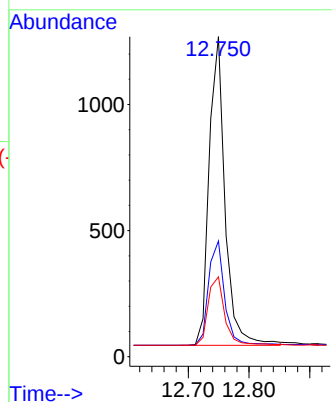
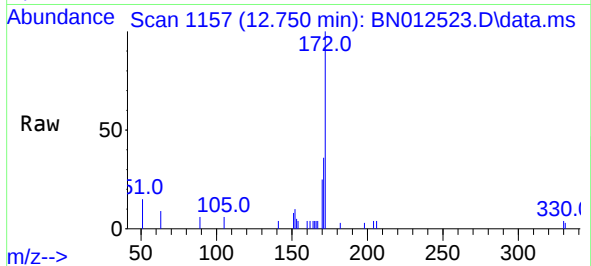




#15
2-Fluorobiphenyl
Concen: 0.39 ng
RT: 12.750 min Scan# 1157
Delta R.T. -0.008 min
Lab File: BN012523.D
Acq: 09 Nov 2020 21:08

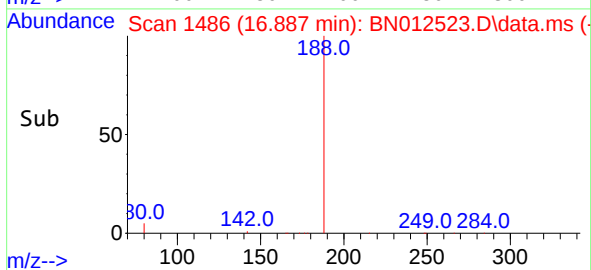
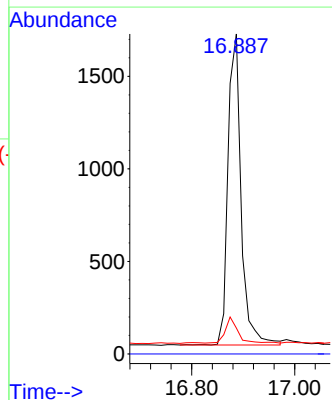
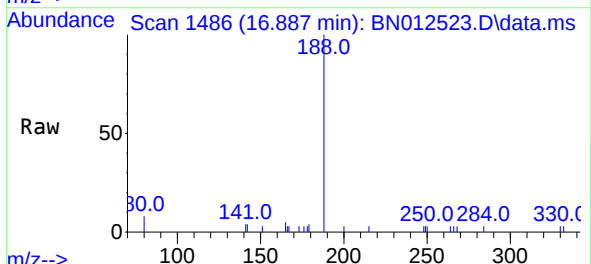
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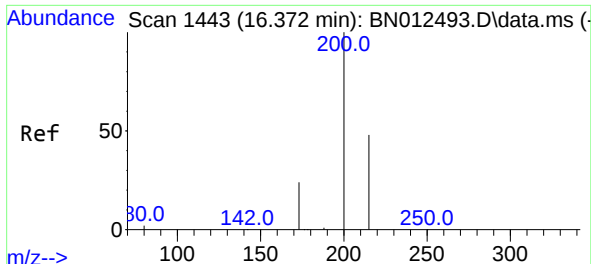
Tgt Ion:	172	Resp:	2226
Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.2	42.4
170	25.0	20.0	30.0



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.887 min Scan# 1486
Delta R.T. 0.004 min
Lab File: BN012523.D
Acq: 09 Nov 2020 21:08

Tgt Ion:	188	Resp:	2979
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.1	5.0	7.4#

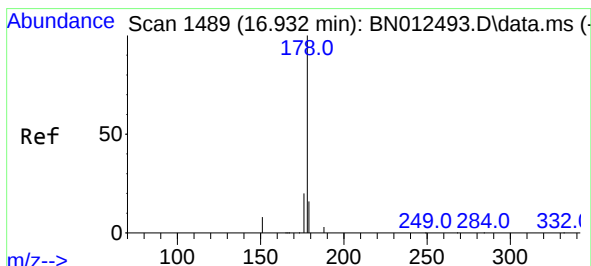
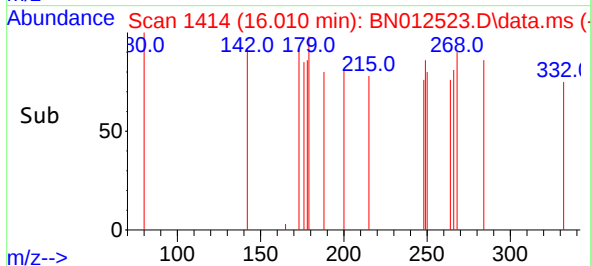
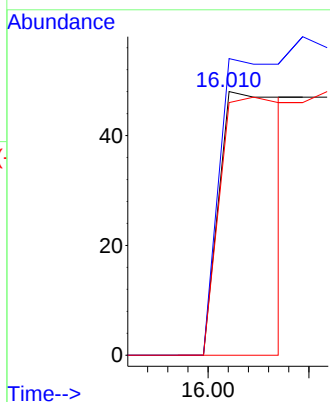
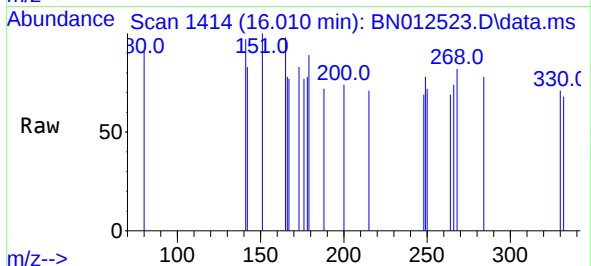




#23
Atrazine
Concen: 0.06 ng
RT: 16.010 min Scan# 1414
Delta R.T. -0.361 min
Lab File: BN012523.D
Acq: 09 Nov 2020 21:08

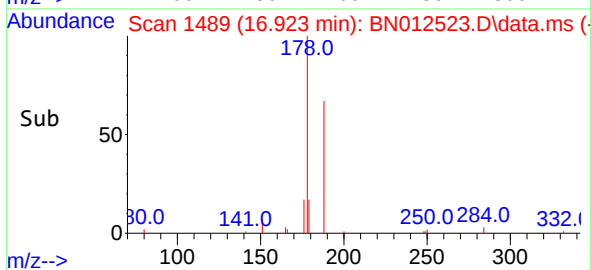
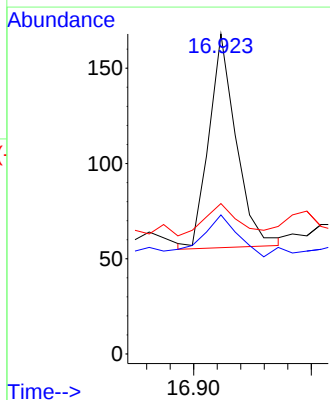
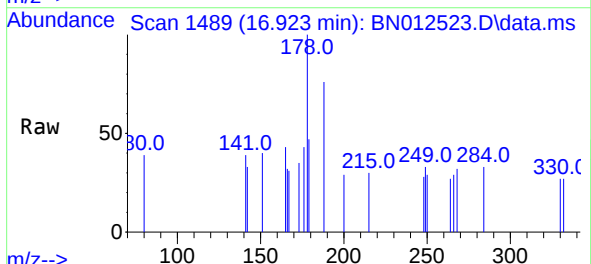
Instrument :
BNA_N
ClientSampleId :
BP-VPB178-GW-58-60

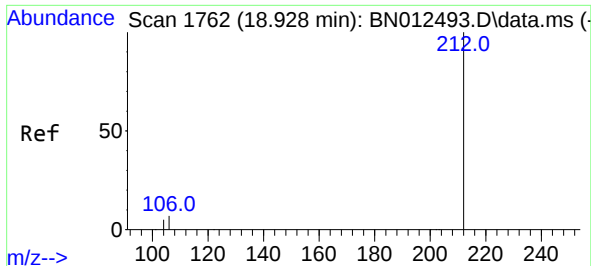
Tgt Ion:200 Resp: 106
Ion Ratio Lower Upper
200 100
173 112.5 22.8 34.2#
215 95.8 38.1 57.1#



#25
Phenanthrene
Concen: 0.02 ng
RT: 16.923 min Scan# 1489
Delta R.T. -0.008 min
Lab File: BN012523.D
Acq: 09 Nov 2020 21:08

Tgt Ion:178 Resp: 180
Ion Ratio Lower Upper
178 100
176 26.1 14.8 22.2#
179 18.9 12.4 18.6#

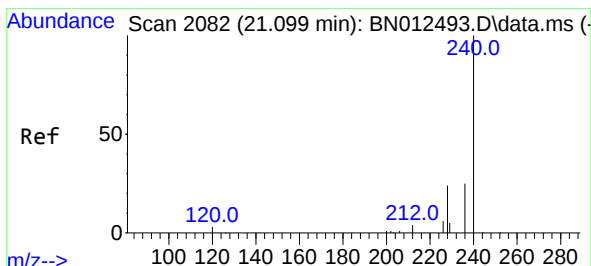
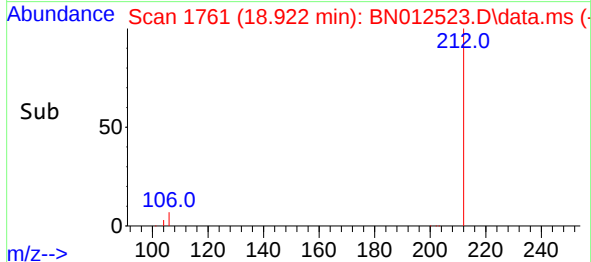
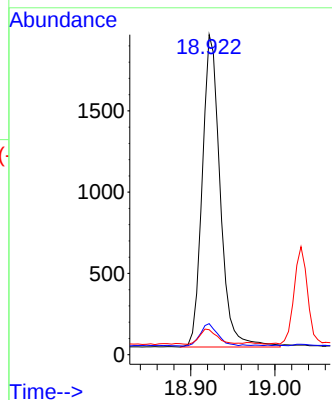
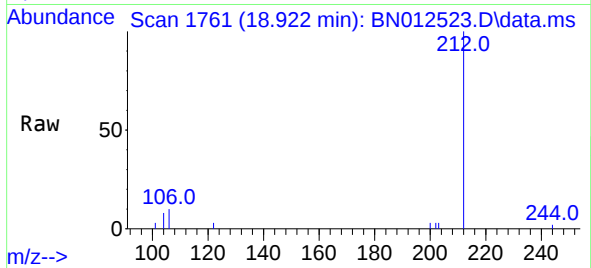




#27
Fluoranthene-d10
Concen: 0.31 ng
RT: 18.922 min Scan# 1761
Delta R.T. -0.006 min
Lab File: BN012523.D
Acq: 09 Nov 2020 21:08

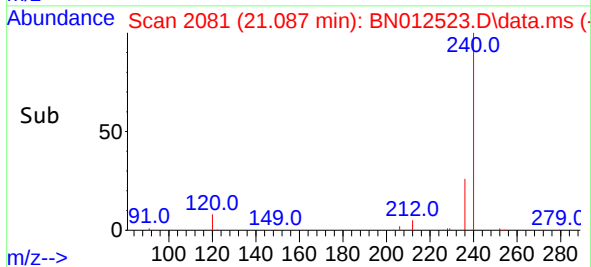
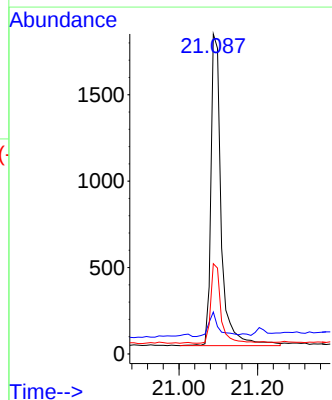
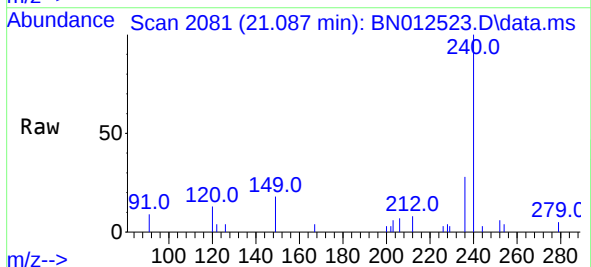
Instrument :
BNA_N
ClientSampleId :
BP-VPB178-GW-58-60

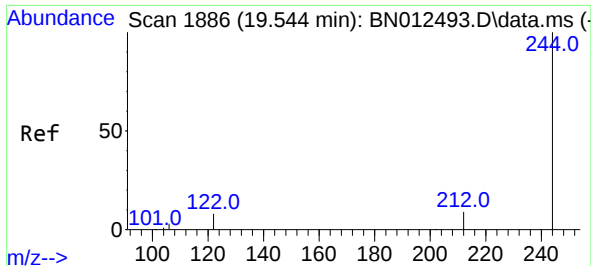
Tgt Ion:212	Resp:	2853
Ion Ratio	Lower	Upper
212	100	
106	7.0	6.8 10.2
104	4.7	4.1 6.1



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.087 min Scan# 2081
Delta R.T. -0.012 min
Lab File: BN012523.D
Acq: 09 Nov 2020 21:08

Tgt Ion:240	Resp:	3287
Ion Ratio	Lower	Upper
240	100	
120	13.1	5.3 7.9#
236	28.2	21.8 32.8

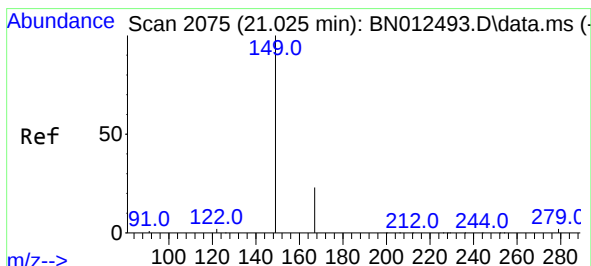
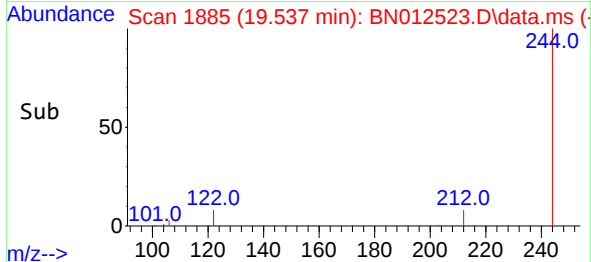
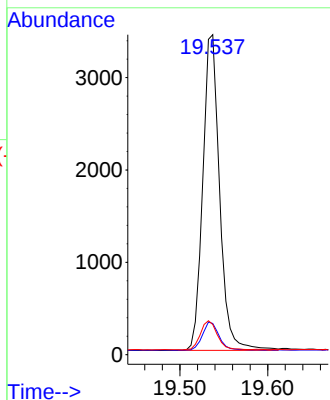
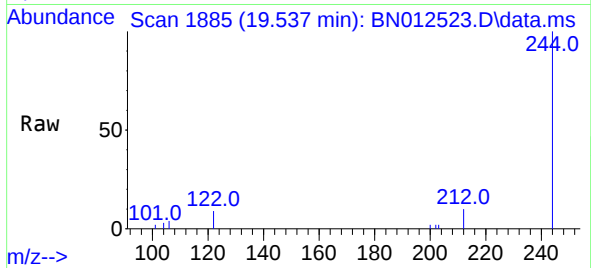




#31
Terphenyl-d14
Concen: 0.58 ng
RT: 19.537 min Scan# 1885
Delta R.T. -0.006 min
Lab File: BN012523.D
Acq: 09 Nov 2020 21:08

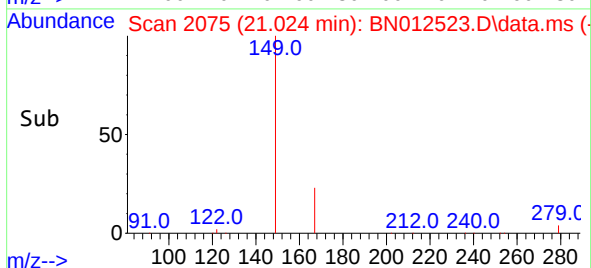
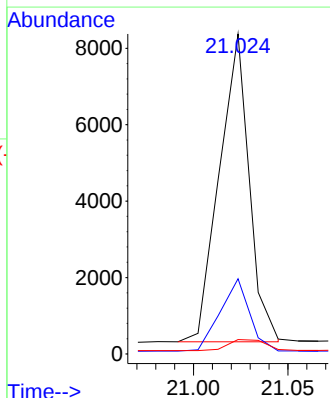
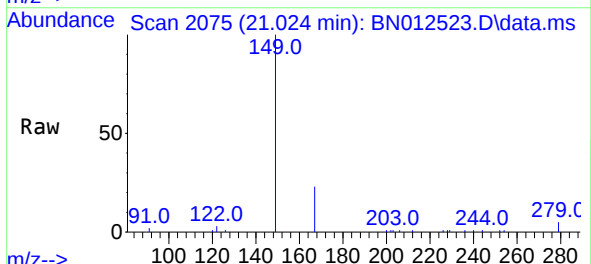
Instrument :
BNA_N
ClientSampleId :
BP-VPB178-GW-58-60

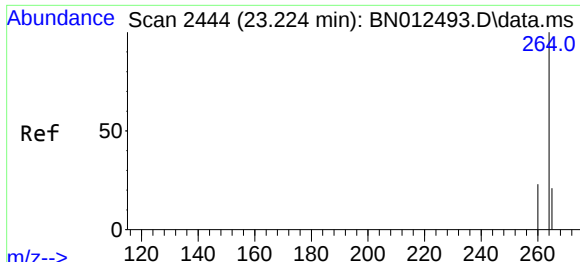
Tgt Ion:244	Resp:	4561
Ion Ratio	Lower	Upper
244	100	
212	9.7	7.3 10.9
122	9.5	7.3 10.9



#34
Bis(2-ethylhexyl)phthalate
Concen: 1.25 ng
RT: 21.024 min Scan# 2075
Delta R.T. -0.001 min
Lab File: BN012523.D
Acq: 09 Nov 2020 21:08

Tgt Ion:149	Resp:	8839
Ion Ratio	Lower	Upper
149	100	
167	23.1	23.2 34.8#
279	4.4	3.9 5.9





#36
Perylene-d12
Concen: 0.40 ng
RT: 23.219 min Scan# 2443
Delta R.T. -0.005 min
Lab File: BN012523.D
Acq: 09 Nov 2020 21:08

Instrument :
BNA_N
ClientSampleId :
BP-VPB178-GW-58-60

Tgt Ion:264 Resp: 3745
Ion Ratio Lower Upper
264 100
260 24.7 19.8 29.6
265 63.9 51.4 77.0

