

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052121\
 Data File : BN014693.D
 Acq On : 21 May 2021 15:00
 Operator : CG/JU
 Sample : M2472-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW8-GW-918-920

Quant Time: May 21 15:37:32 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN051121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 21 11:30:28 2021
 Response via : Initial Calibration

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

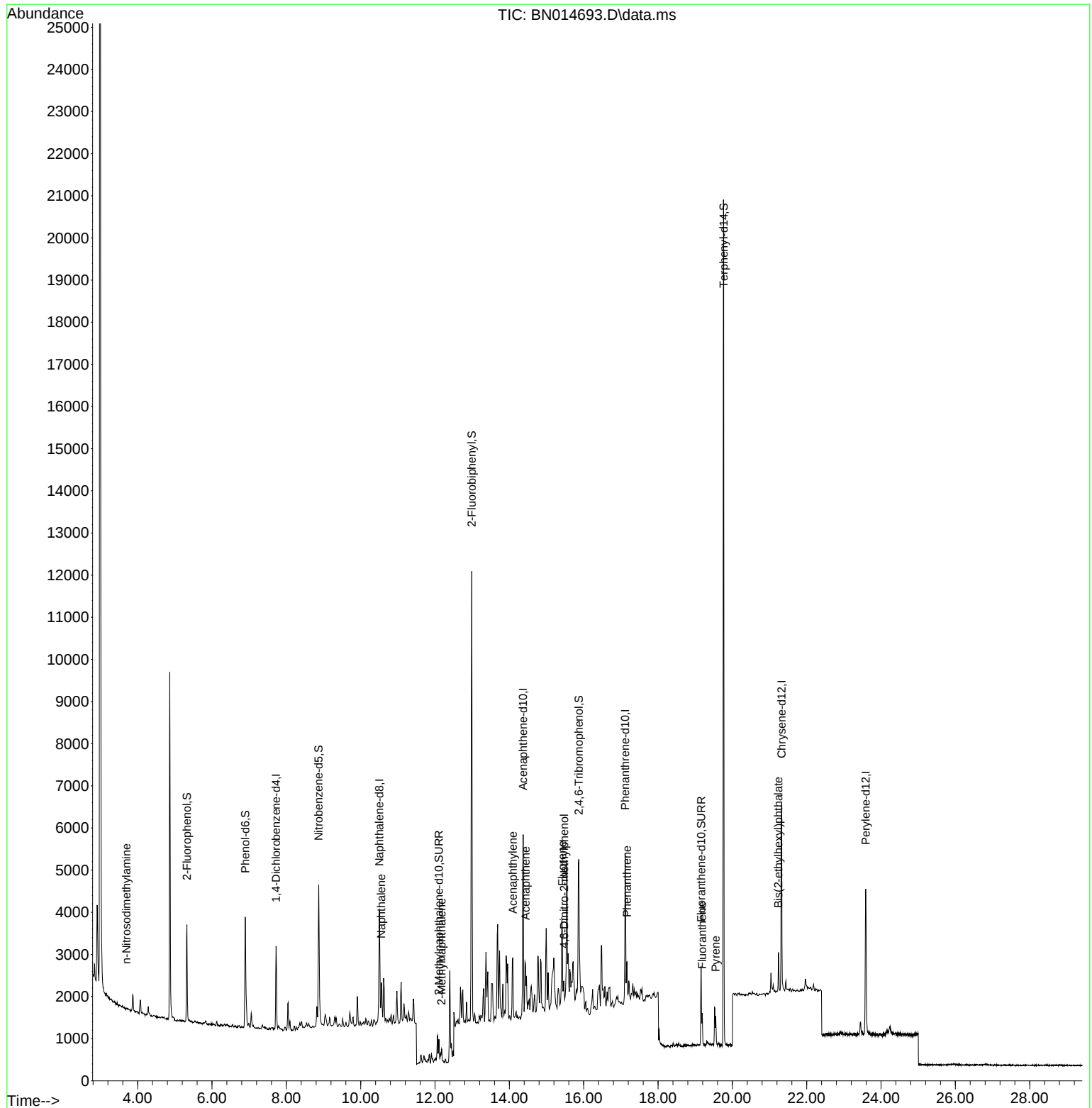
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	873	0.40	ng	# 0.00
7) Naphthalene-d8	10.505	136	3182	0.40	ng	# 0.00
13) Acenaphthene-d10	14.372	164	2178	0.40	ng	0.00
19) Phenanthrene-d10	17.116	188	4809	0.40	ng	# 0.00
29) Chrysene-d12	21.324	240	4734	0.40	ng	0.01
35) Perylene-d12	23.588	264	4623	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.325	112	1851	0.80	ng	0.00
5) Phenol-d6	6.895	99	2491	0.81	ng	0.00
8) Nitrobenzene-d5	8.870	82	3198	1.16	ng	0.00
11) 2-Methylnaphthalene-d10	12.102	152	780	0.10	ng	0.00
14) 2,4,6-Tribromophenol	15.869	330	3433	3.39	ng	0.00
15) 2-Fluorobiphenyl	12.989	172	9659	1.21	ng	0.00
27) Fluoranthene-d10	19.159	212	2149	0.10	ng	0.00
31) Terphenyl-d14	19.764	244	21109	1.89	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	51	Below Cal	#	1
3) n-Nitrosodimethylamine	3.698	42	11	0.03	ng	# 1
9) Naphthalene	10.556	128	355	0.04	ng	# 1
12) 2-Methylnaphthalene	12.178	142	227	0.04	ng	# 71
16) Acenaphthylene	14.092	152	222	0.03	ng	# 1
17) Acenaphthene	14.435	154	682	0.12	ng	# 77
18) Fluorene	15.425	166	1086	0.14	ng	# 88
20) 4,6-Dinitro-2-methylph...	15.475	198	5	0.15	ng	# 1
25) Phenanthrene	17.165	178	1195	0.09	ng	# 88
28) Fluoranthene	19.188	202	649	0.04	ng	97
30) Pyrene	19.551	202	636	0.05	ng	# 85
34) Bis(2-ethylhexyl)phtha...	21.239	149	777	0.20	ng	# 72

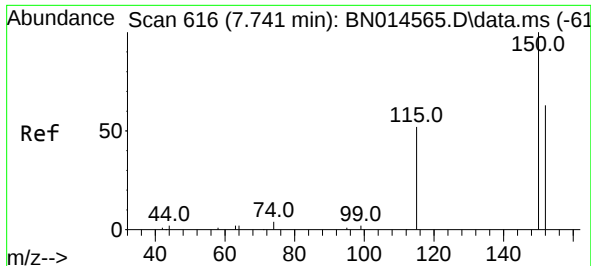
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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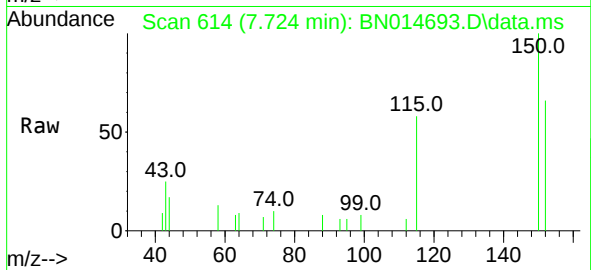
Quant Time: May 21 15:37:32 2021
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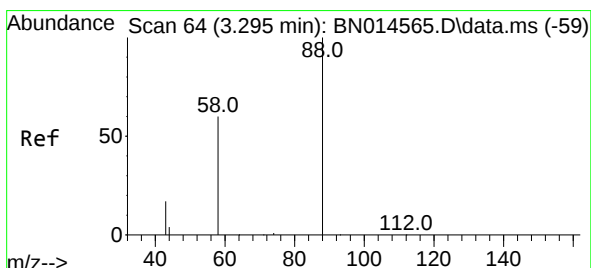
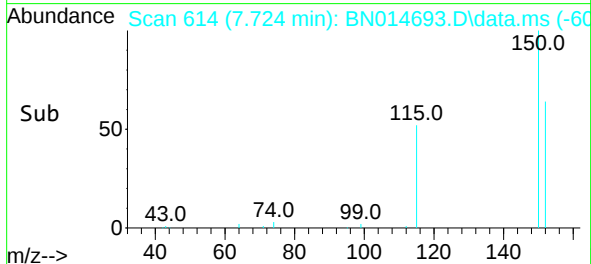
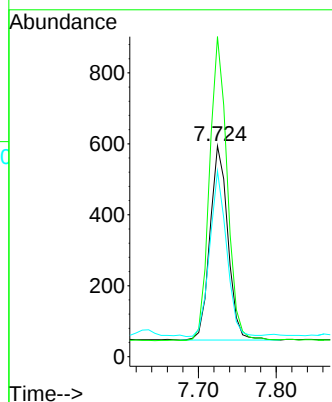
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.724 min Scan# 614
 Delta R.T. -0.001 min
 Lab File: BN014693.D
 Acq: 21 May 2021 15:00

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW8-GW-918-920



Tgt Ion: 152 Resp: 873

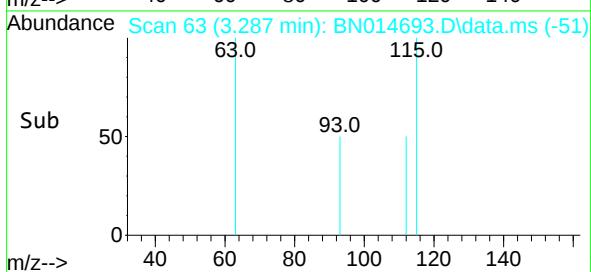
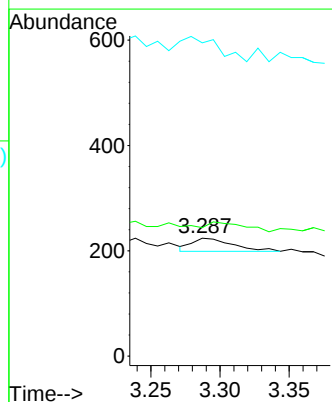
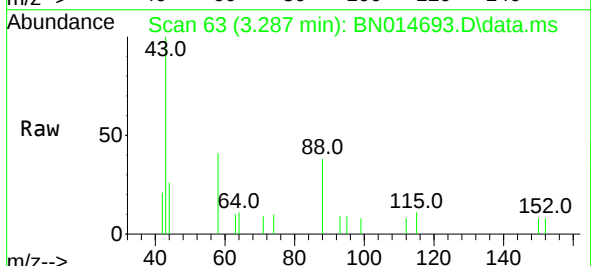
Ion	Ratio	Lower	Upper
152	100		
150	151.9	123.8	185.8
115	88.0	47.0	70.4#

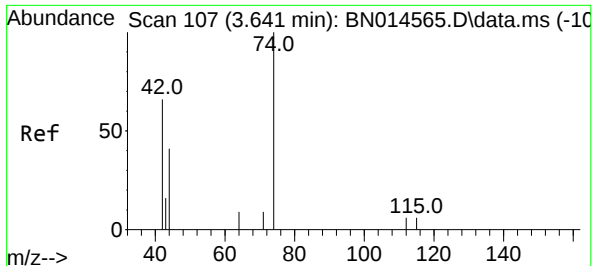


#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.287 min Scan# 63
 Delta R.T. -0.000 min
 Lab File: BN014693.D
 Acq: 21 May 2021 15:00

Tgt Ion: 88 Resp: 51

Ion	Ratio	Lower	Upper
88	100		
58	62.7	44.4	66.6
43	182.4	15.9	23.9#

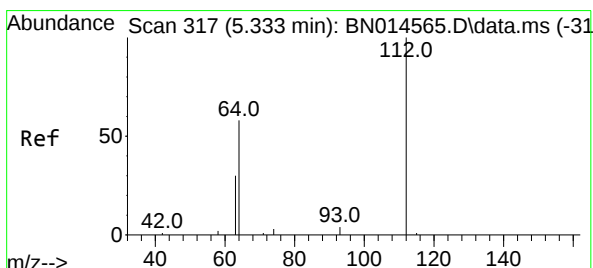
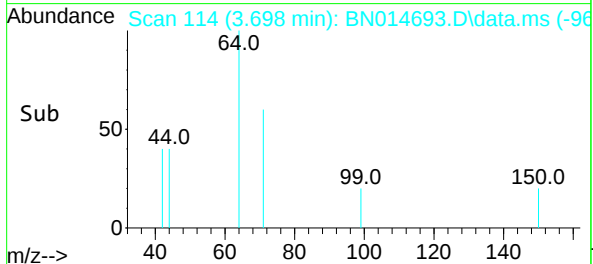
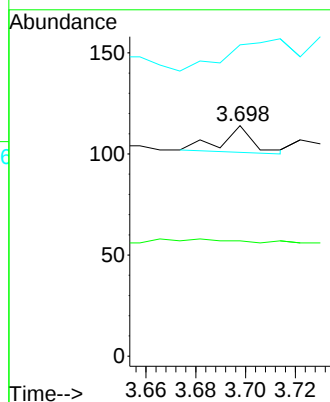
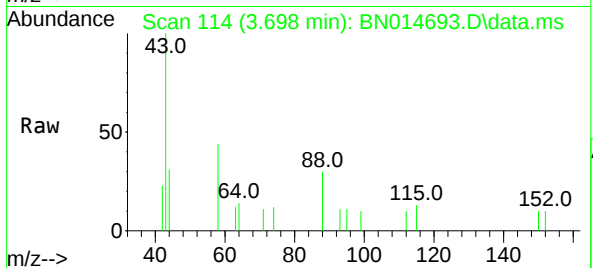




#3
n-Nitrosodimethylamine
Concen: 0.03 ng
RT: 3.698 min Scan# 114
Delta R.T. 0.048 min
Lab File: BN014693.D
Acq: 21 May 2021 15:00

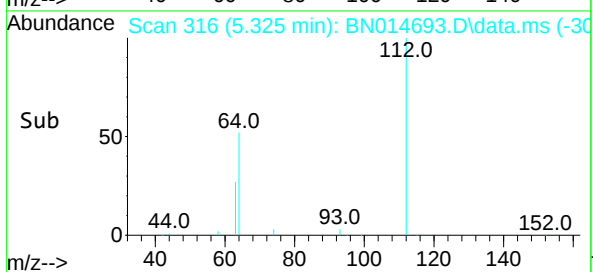
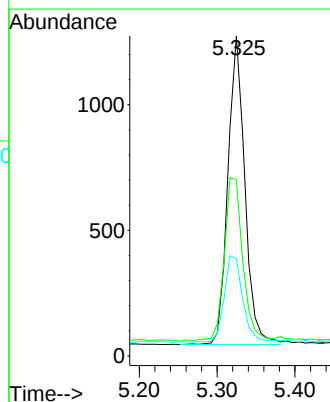
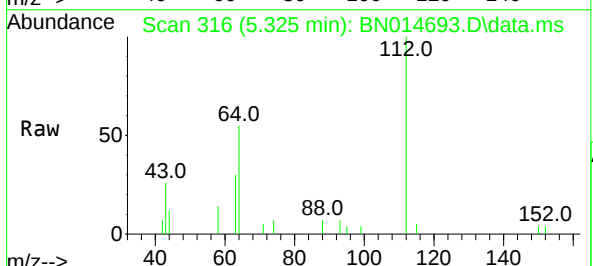
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-918-920

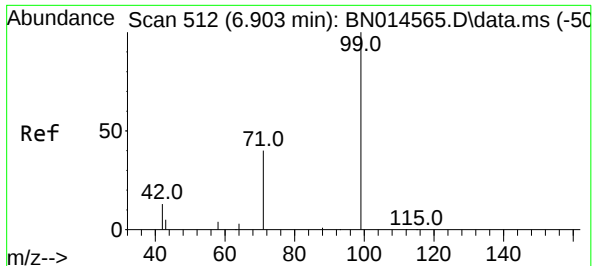
Tgt Ion: 42 Resp: 11
Ion Ratio Lower Upper
42 100
74 0.0 175.1 262.7#
44 263.6 7.5 11.3#



#4
2-Fluorophenol
Concen: 0.80 ng
RT: 5.325 min Scan# 316
Delta R.T. -0.000 min
Lab File: BN014693.D
Acq: 21 May 2021 15:00

Tgt Ion: 112 Resp: 1851
Ion Ratio Lower Upper
112 100
64 58.5 41.8 62.6
63 30.7 22.0 33.0

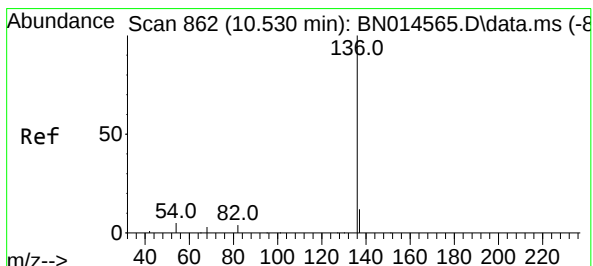
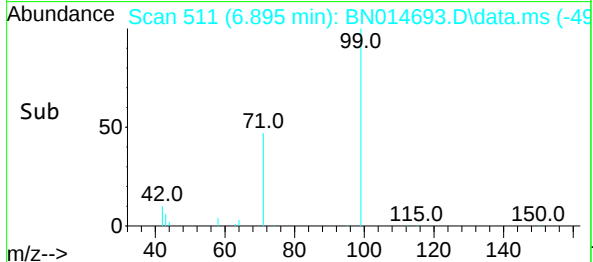
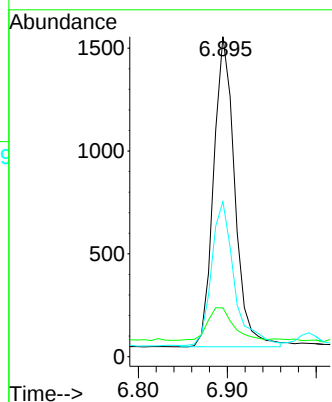
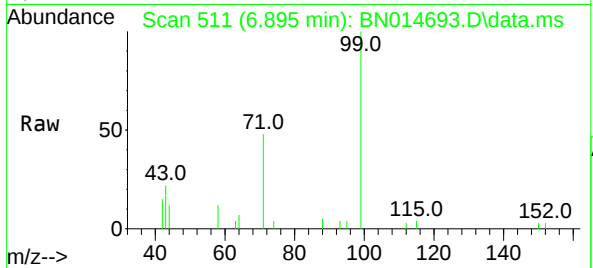




#5
Phenol-d6
Concen: 0.81 ng
RT: 6.895 min Scan# 511
Delta R.T. -0.000 min
Lab File: BN014693.D
Acq: 21 May 2021 15:00

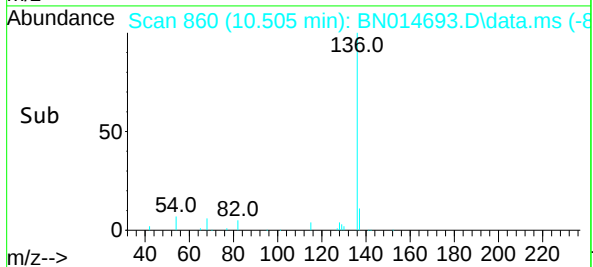
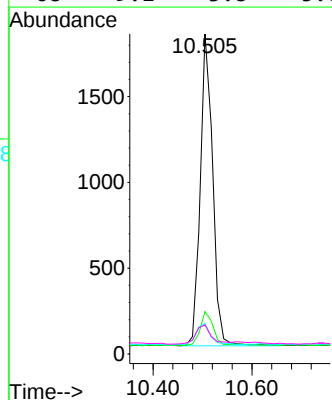
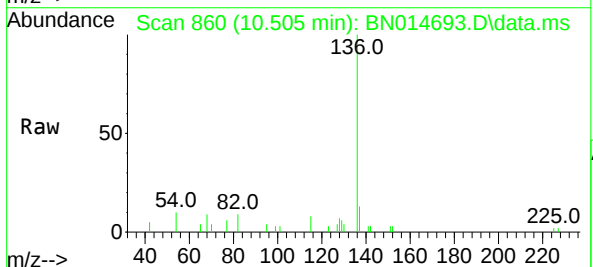
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-918-920

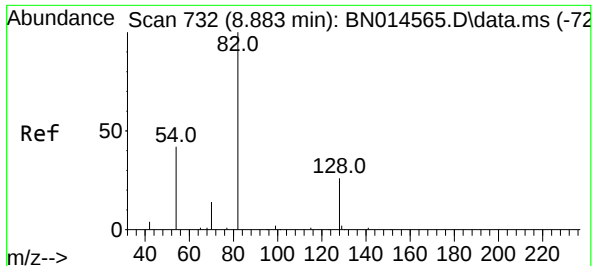
Tgt Ion:	99	Resp:	2491
Ion	Ratio	Lower	Upper
99	100		
42	13.0	13.2	19.8#
71	50.3	26.2	39.2#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.505 min Scan# 860
Delta R.T. -0.000 min
Lab File: BN014693.D
Acq: 21 May 2021 15:00

Tgt Ion:	136	Resp:	3182
Ion	Ratio	Lower	Upper
136	100		
137	13.2	8.9	13.3
54	9.5	3.8	5.8#
68	9.1	3.8	5.6#

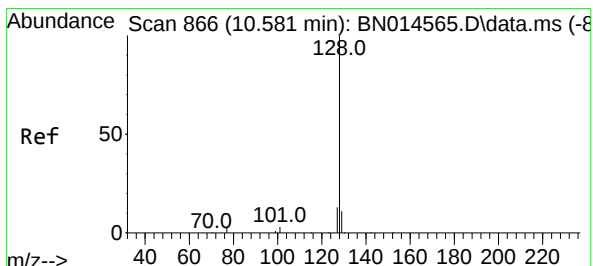
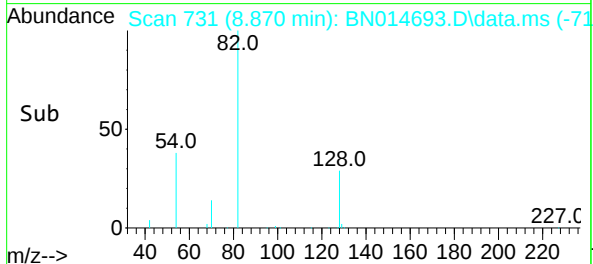
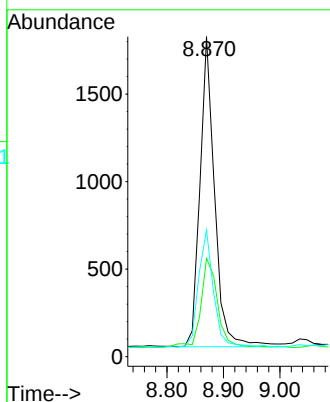
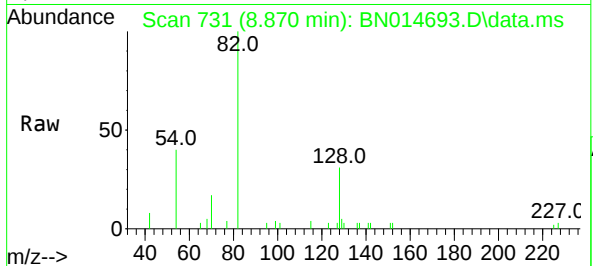




#8
Nitrobenzene-d5
Concen: 1.16 ng
RT: 8.870 min Scan# 731
Delta R.T. -0.000 min
Lab File: BN014693.D
Acq: 21 May 2021 15:00

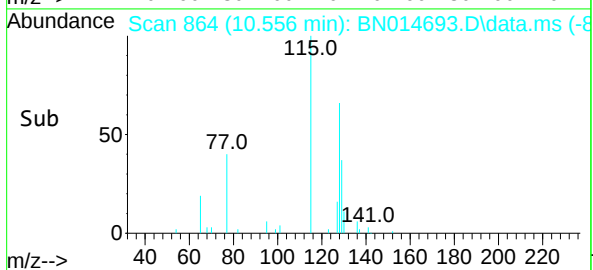
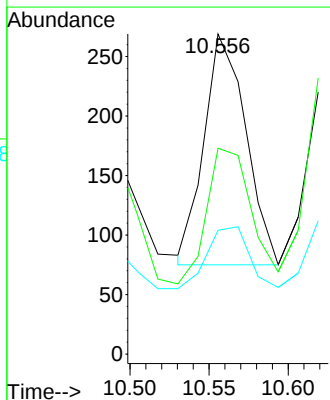
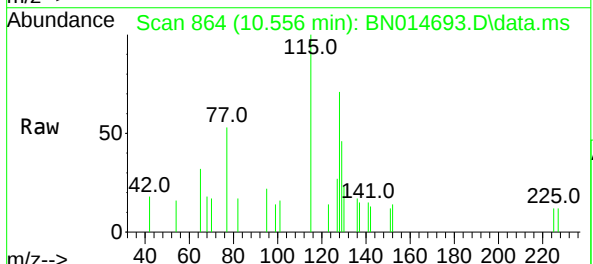
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-918-920

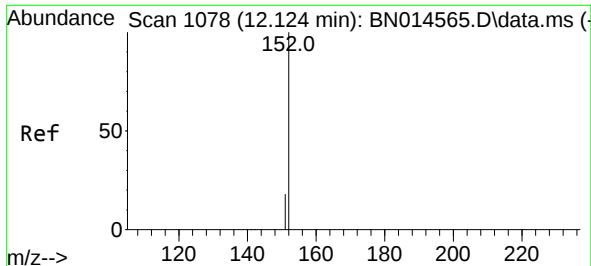
Tgt Ion:	82	Resp:	3198
Ion Ratio	Lower	Upper	
82	100		
128	30.7	29.5	44.3
54	39.6	36.9	55.3



#9
Naphthalene
Concen: 0.04 ng
RT: 10.556 min Scan# 864
Delta R.T. -0.000 min
Lab File: BN014693.D
Acq: 21 May 2021 15:00

Tgt Ion:	128	Resp:	355
Ion Ratio	Lower	Upper	
128	100		
129	64.3	9.0	13.4#
127	38.7	10.4	15.6#

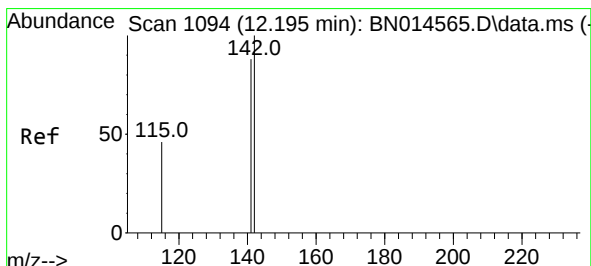
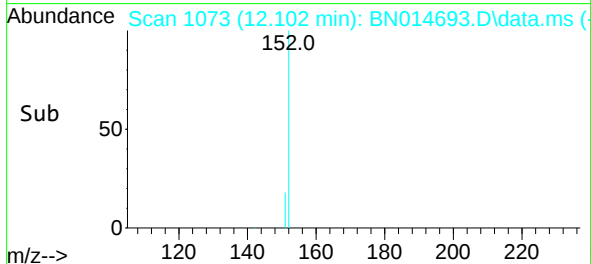
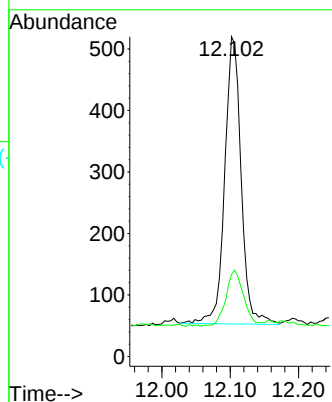
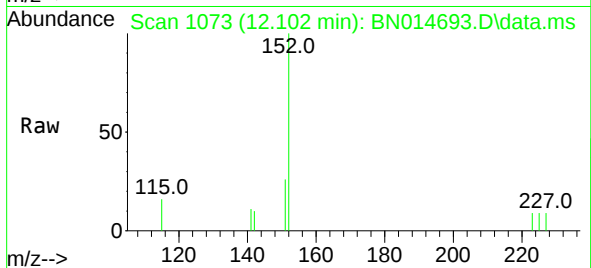




#11
2-Methylnaphthalene-d10
Concen: 0.10 ng
RT: 12.102 min Scan# 1073
Delta R.T. -0.000 min
Lab File: BN014693.D
Acq: 21 May 2021 15:00

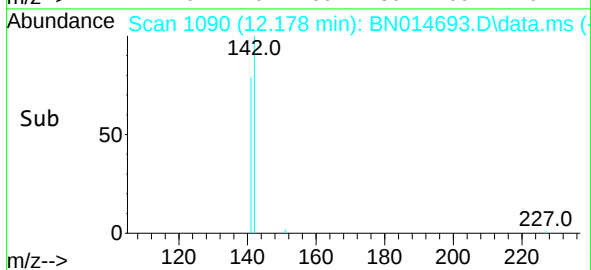
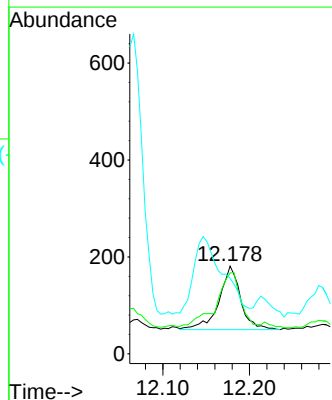
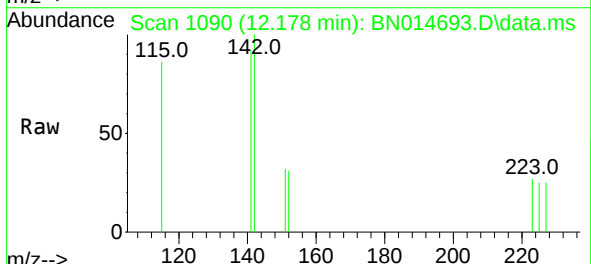
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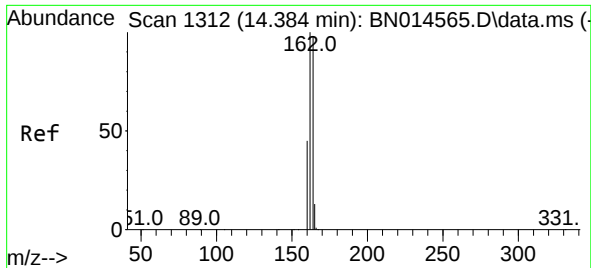
Tgt Ion:152 Resp: 780
Ion Ratio Lower Upper
152 100
151 21.2 16.2 24.2



#12
2-Methylnaphthalene
Concen: 0.04 ng
RT: 12.178 min Scan# 1090
Delta R.T. -0.000 min
Lab File: BN014693.D
Acq: 21 May 2021 15:00

Tgt Ion:142 Resp: 227
Ion Ratio Lower Upper
142 100
141 92.3 70.2 105.4
115 86.2 26.7 40.1#

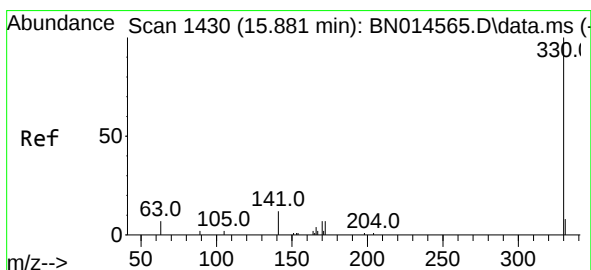
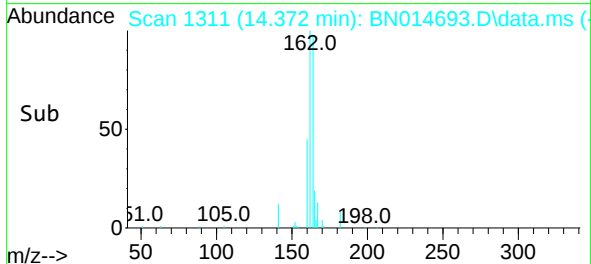
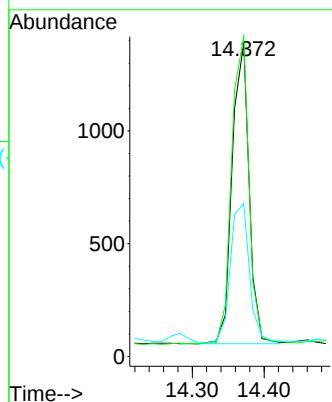
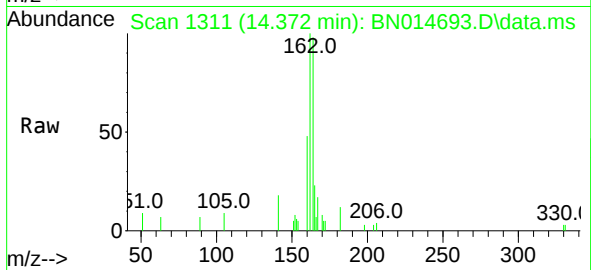




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.372 min Scan# 1311
Delta R.T. -0.000 min
Lab File: BN014693.D
Acq: 21 May 2021 15:00

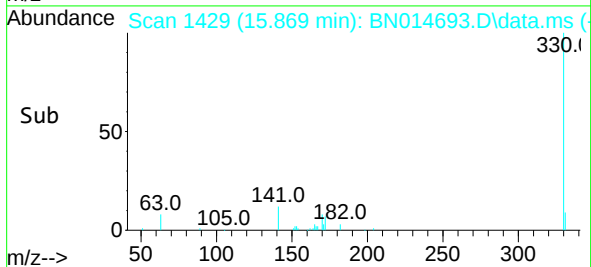
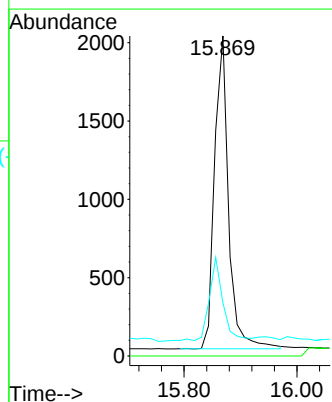
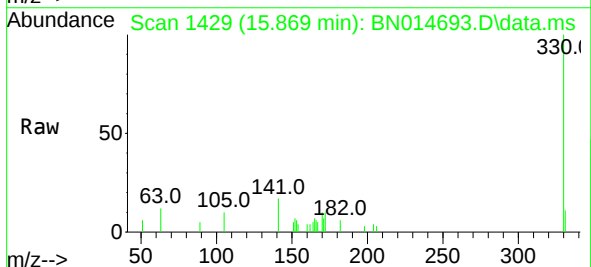
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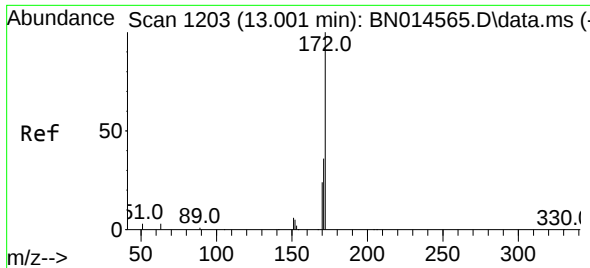
Tgt Ion:164 Resp: 2178
Ion Ratio Lower Upper
164 100
162 102.0 78.6 118.0
160 48.8 35.8 53.8



#14
2,4,6-Tribromophenol
Concen: 3.39 ng
RT: 15.869 min Scan# 1429
Delta R.T. -0.000 min
Lab File: BN014693.D
Acq: 21 May 2021 15:00

Tgt Ion:330 Resp: 3433
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 25.6 27.0 40.4#

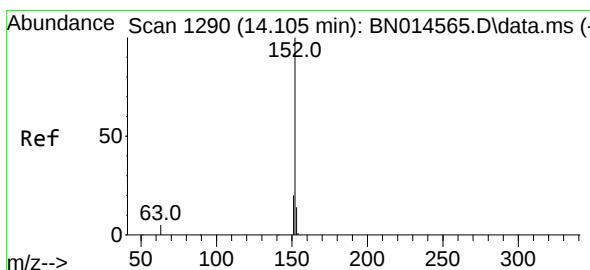
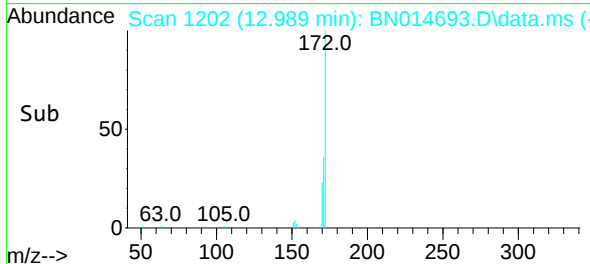
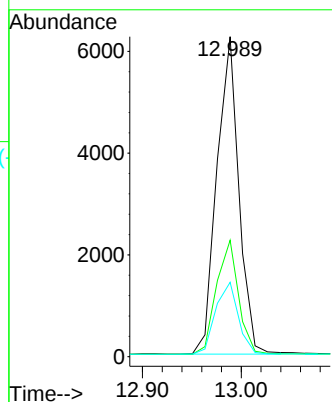
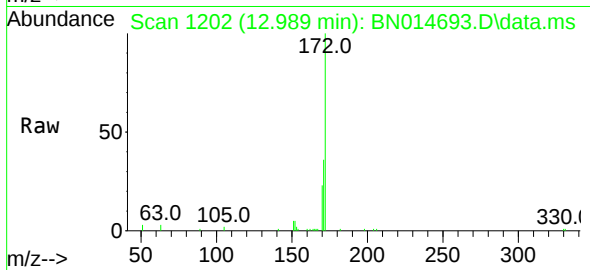




#15
2-Fluorobiphenyl
Concen: 1.21 ng
RT: 12.989 min Scan# 1202
Delta R.T. -0.000 min
Lab File: BN014693.D
Acq: 21 May 2021 15:00

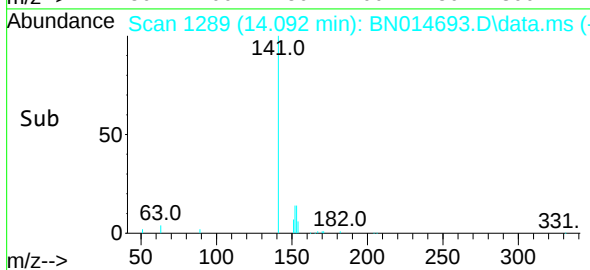
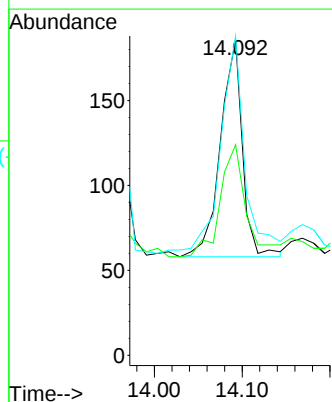
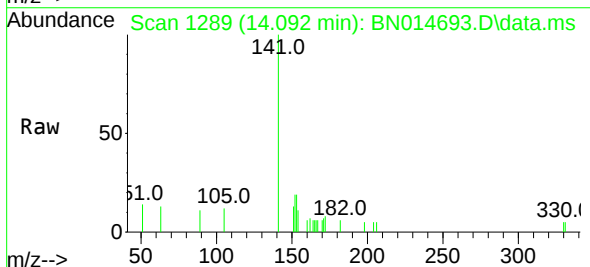
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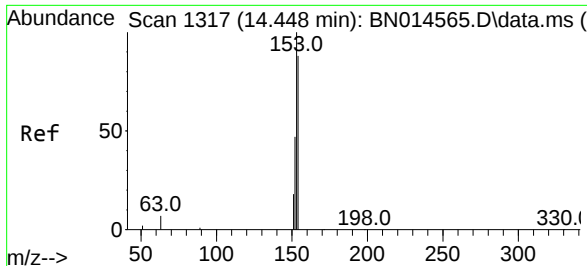
Tgt Ion:172	Resp:	9659
Ion Ratio	Lower	Upper
172	100	
171	36.4	27.1 40.7
170	23.2	18.3 27.5



#16
Acenaphthylene
Concen: 0.03 ng
RT: 14.092 min Scan# 1289
Delta R.T. 0.013 min
Lab File: BN014693.D
Acq: 21 May 2021 15:00

Tgt Ion:152	Resp:	222
Ion Ratio	Lower	Upper
152	100	
151	59.5	15.6 23.4#
153	109.9	10.5 15.7#

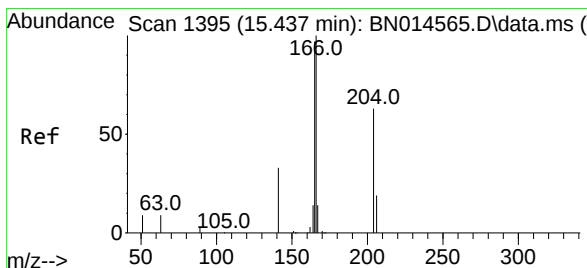
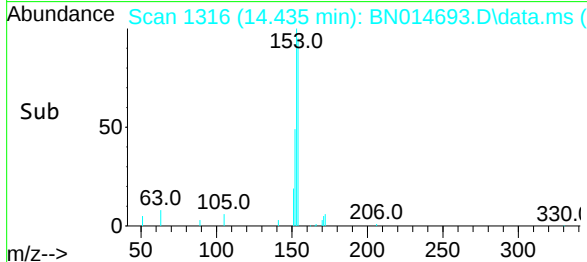
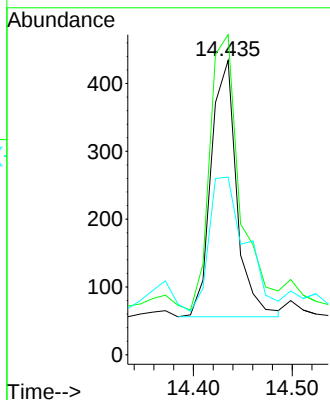
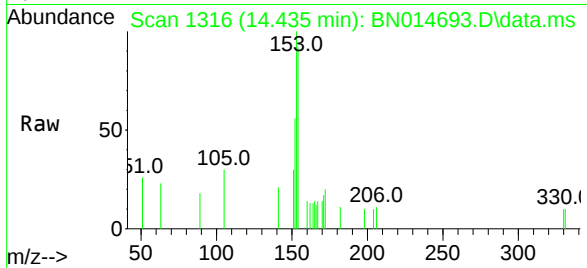




#17
Acenaphthene
Concen: 0.12 ng
RT: 14.435 min Scan# 1316
Delta R.T. -0.000 min
Lab File: BN014693.D
Acq: 21 May 2021 15:00

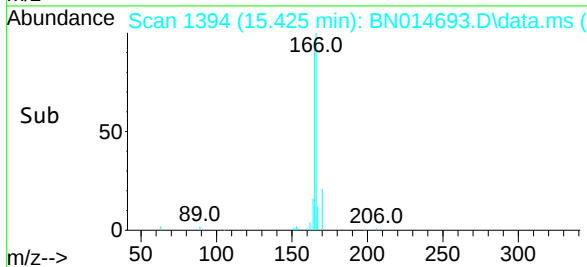
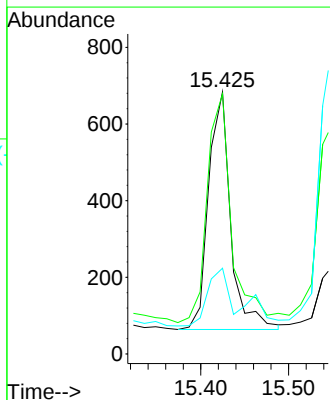
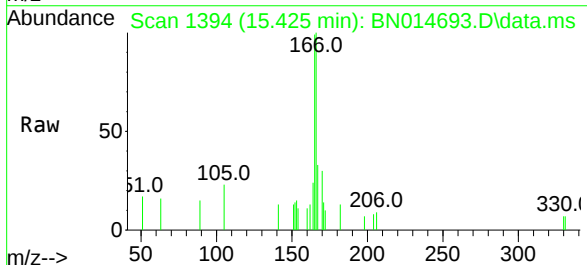
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-918-920

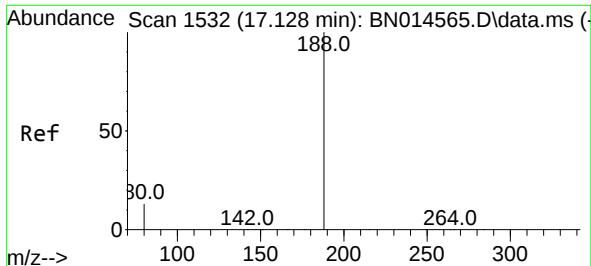
Tgt Ion:154 Resp: 682
Ion Ratio Lower Upper
154 100
153 137.2 90.2 135.4#
152 74.8 46.2 69.2#



#18
Fluorene
Concen: 0.14 ng
RT: 15.425 min Scan# 1394
Delta R.T. -0.000 min
Lab File: BN014693.D
Acq: 21 May 2021 15:00

Tgt Ion:166 Resp: 1086
Ion Ratio Lower Upper
166 100
165 107.2 78.4 117.6
167 26.5 10.7 16.1#

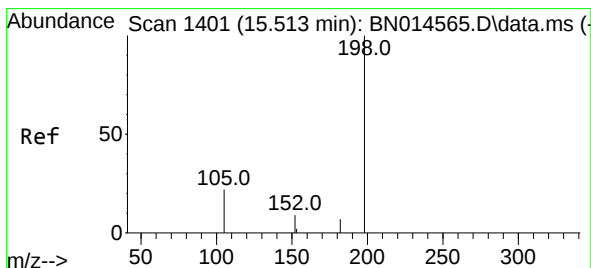
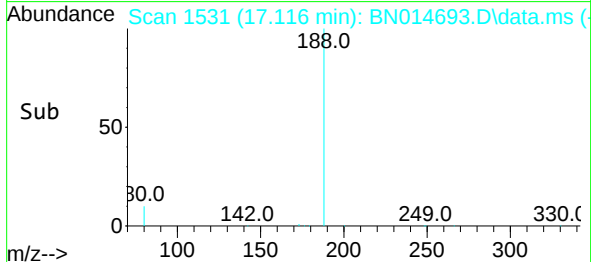
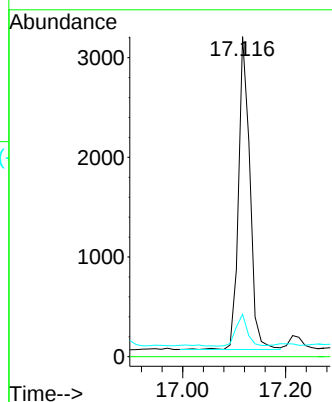
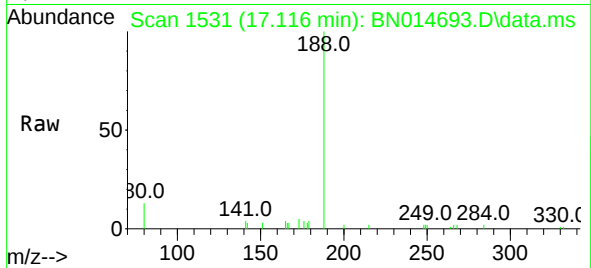




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.116 min Scan# 1531
Delta R.T. -0.000 min
Lab File: BN014693.D
Acq: 21 May 2021 15:00

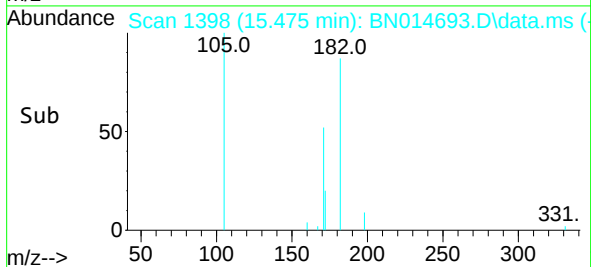
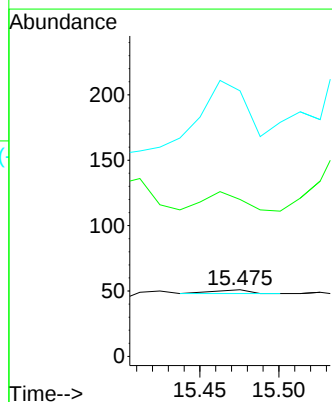
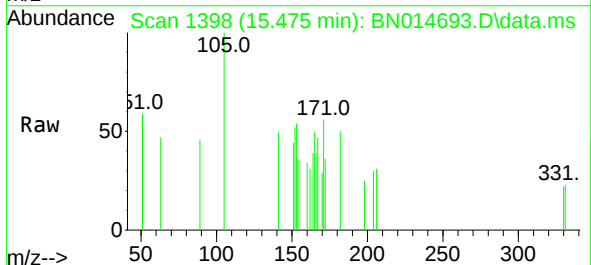
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-918-920

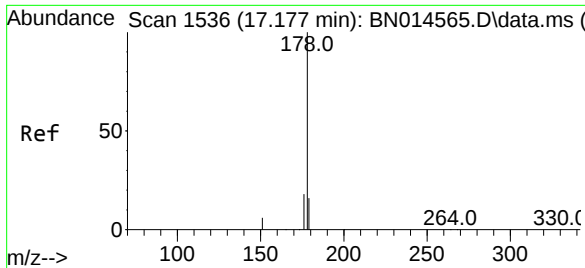
Tgt Ion:188 Resp: 4809
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.2 5.2 7.8#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.15 ng
RT: 15.475 min Scan# 1398
Delta R.T. -0.025 min
Lab File: BN014693.D
Acq: 21 May 2021 15:00

Tgt Ion:198 Resp: 5
Ion Ratio Lower Upper
198 100
51 235.3 865.3 1297.9#
105 398.0 93.6 140.4#

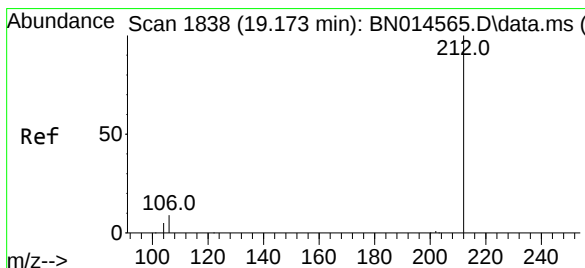
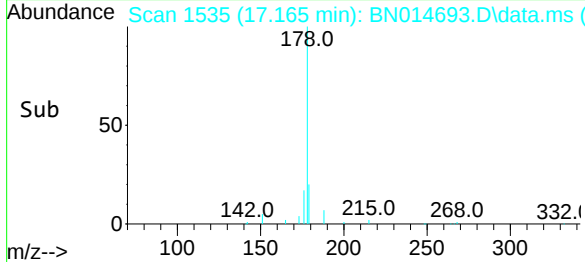
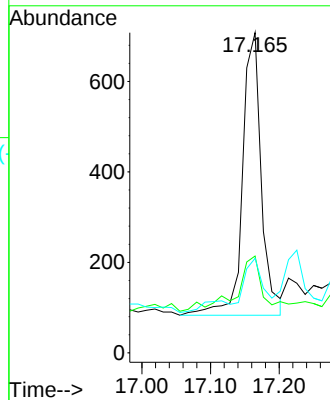
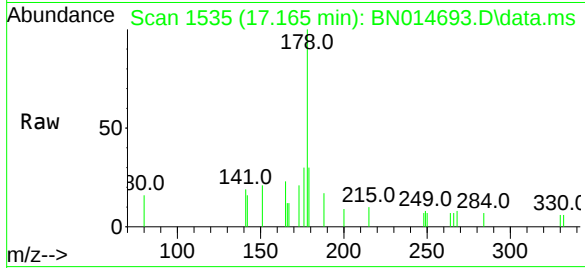




#25
Phenanthrene
Concen: 0.09 ng
RT: 17.165 min Scan# 1535
Delta R.T. -0.000 min
Lab File: BN014693.D
Acq: 21 May 2021 15:00

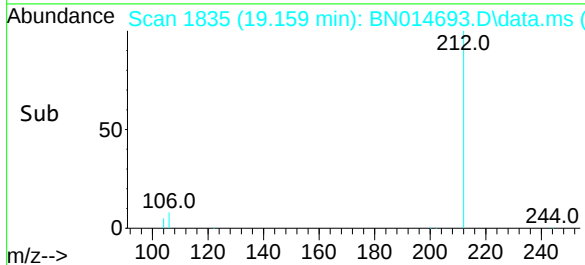
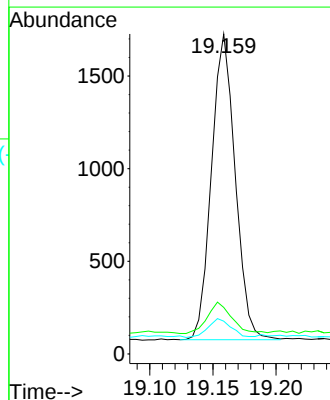
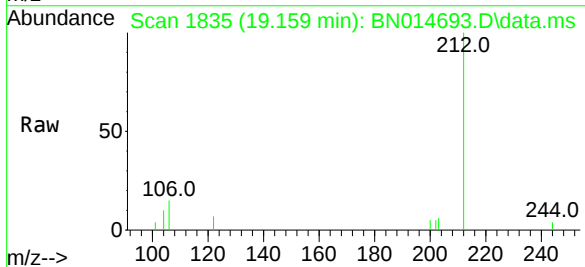
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-918-920

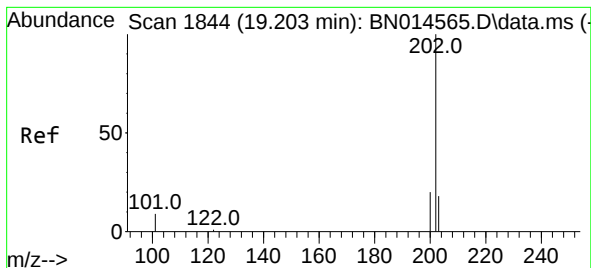
Tgt Ion:178 Resp: 1195
Ion Ratio Lower Upper
178 100
176 27.7 15.2 22.8#
179 14.4 12.4 18.6



#27
Fluoranthene-d10
Concen: 0.10 ng
RT: 19.159 min Scan# 1835
Delta R.T. -0.000 min
Lab File: BN014693.D
Acq: 21 May 2021 15:00

Tgt Ion:212 Resp: 2149
Ion Ratio Lower Upper
212 100
106 10.5 10.1 15.1
104 5.9 5.4 8.2

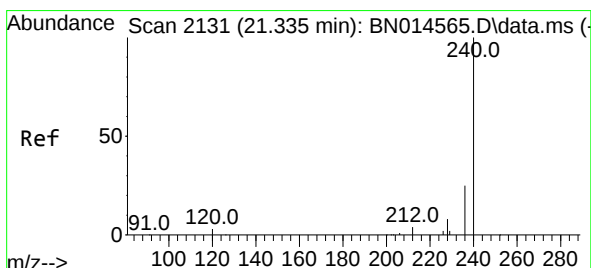
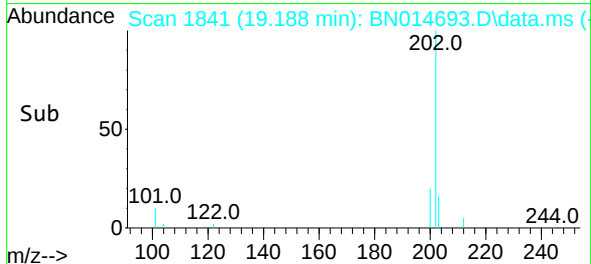
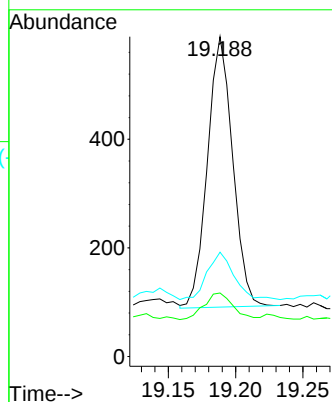
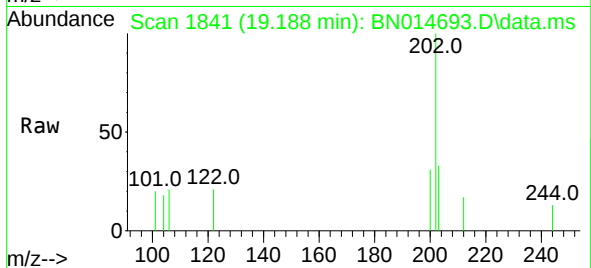




#28
Fluoranthene
Concen: 0.04 ng
RT: 19.188 min Scan# 1841
Delta R.T. -0.000 min
Lab File: BN014693.D
Acq: 21 May 2021 15:00

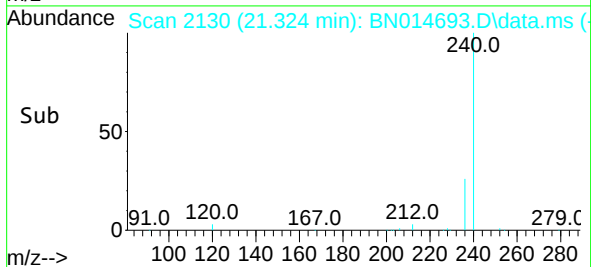
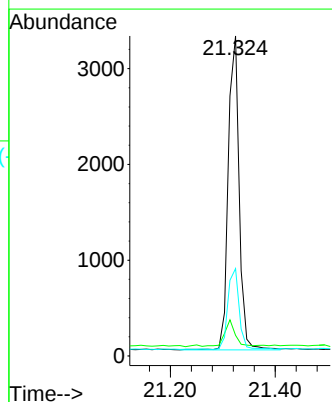
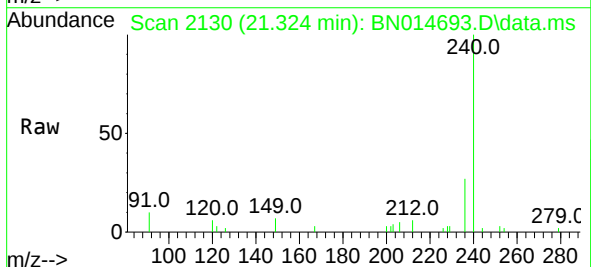
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-918-920

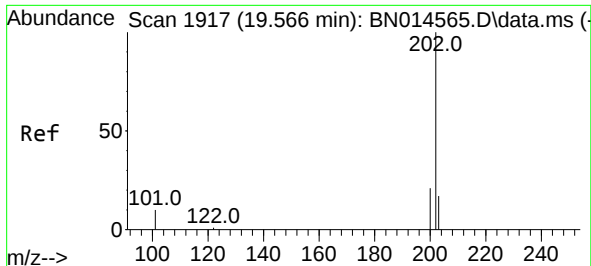
Tgt Ion:	202	Resp:	649
Ion Ratio	Lower	Upper	
202	100		
101	11.1	8.4	12.6
203	18.6	13.5	20.3



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.324 min Scan# 2130
Delta R.T. 0.011 min
Lab File: BN014693.D
Acq: 21 May 2021 15:00

Tgt Ion:	240	Resp:	4734
Ion Ratio	Lower	Upper	
240	100		
120	6.5	5.8	8.8
236	27.3	20.6	30.8

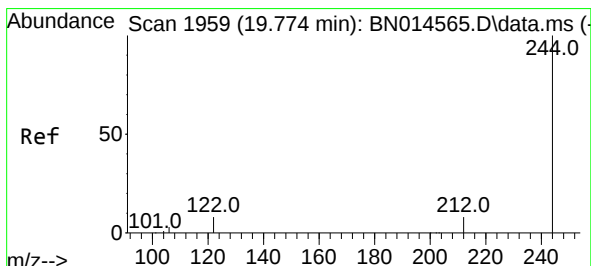
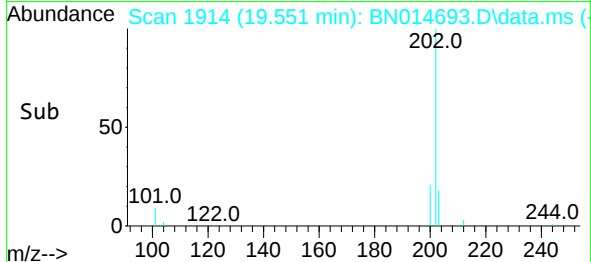
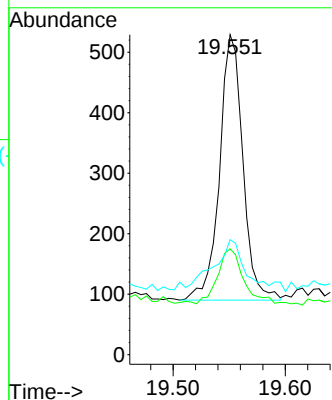
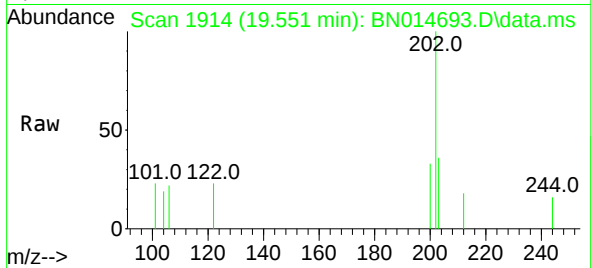




#30
 Pyrene
 Concen: 0.05 ng
 RT: 19.551 min Scan# 1914
 Delta R.T. -0.000 min
 Lab File: BN014693.D
 Acq: 21 May 2021 15:00

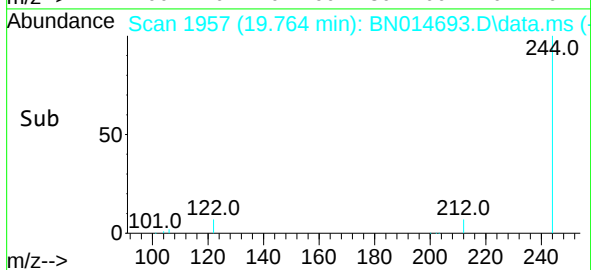
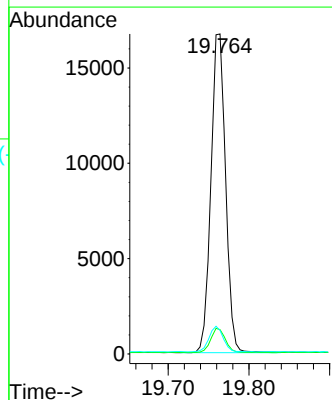
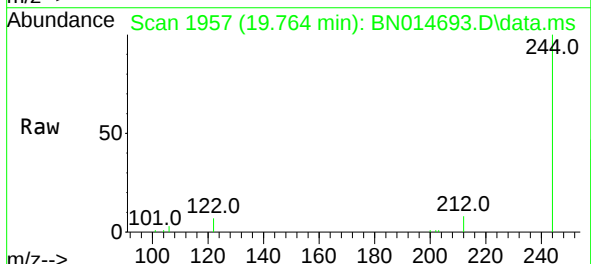
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW8-GW-918-920

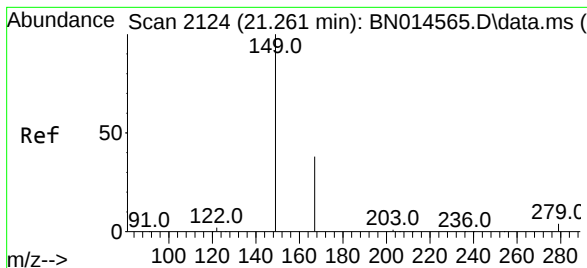
Tgt Ion:202 Resp: 636
 Ion Ratio Lower Upper
 202 100
 200 23.3 16.3 24.5
 203 28.8 14.0 21.0#



#31
 Terphenyl-d14
 Concen: 1.89 ng
 RT: 19.764 min Scan# 1957
 Delta R.T. 0.005 min
 Lab File: BN014693.D
 Acq: 21 May 2021 15:00

Tgt Ion:244 Resp: 21109
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.0 9.0
 122 7.3 9.3 13.9#

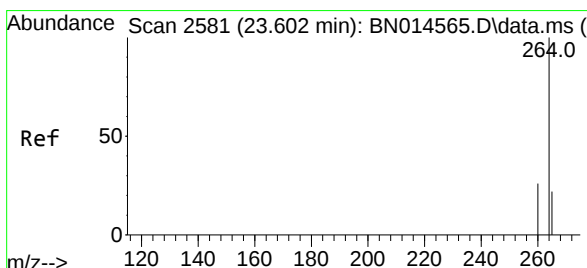
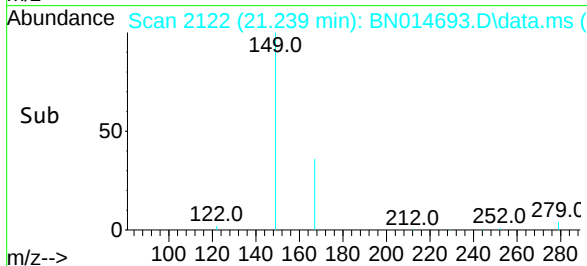
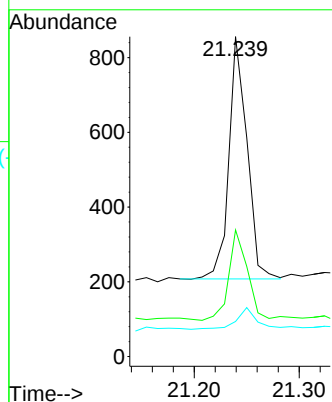
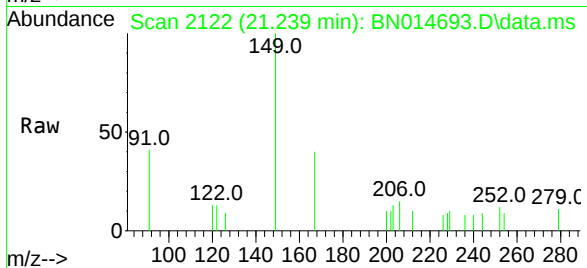




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.20 ng
 RT: 21.239 min Scan# 2122
 Delta R.T. -0.000 min
 Lab File: BN014693.D
 Acq: 21 May 2021 15:00

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW8-GW-918-920

Tgt Ion:149 Resp: 777
 Ion Ratio Lower Upper
 149 100
 167 40.2 20.5 30.7#
 279 10.8 2.9 4.3#



#35
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.588 min Scan# 2577
 Delta R.T. 0.003 min
 Lab File: BN014693.D
 Acq: 21 May 2021 15:00

Tgt Ion:264 Resp: 4623
 Ion Ratio Lower Upper
 264 100
 260 26.3 19.5 29.3
 265 42.8 35.4 53.0

