

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052721\
 Data File : BN014792.D
 Acq On : 27 May 2021 15:04
 Operator : CG/JU
 Sample : M2498-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW8-GW-958-960

Quant Time: May 27 15:47:06 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN052621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 27 01:39:07 2021
 Response via : Initial Calibration

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

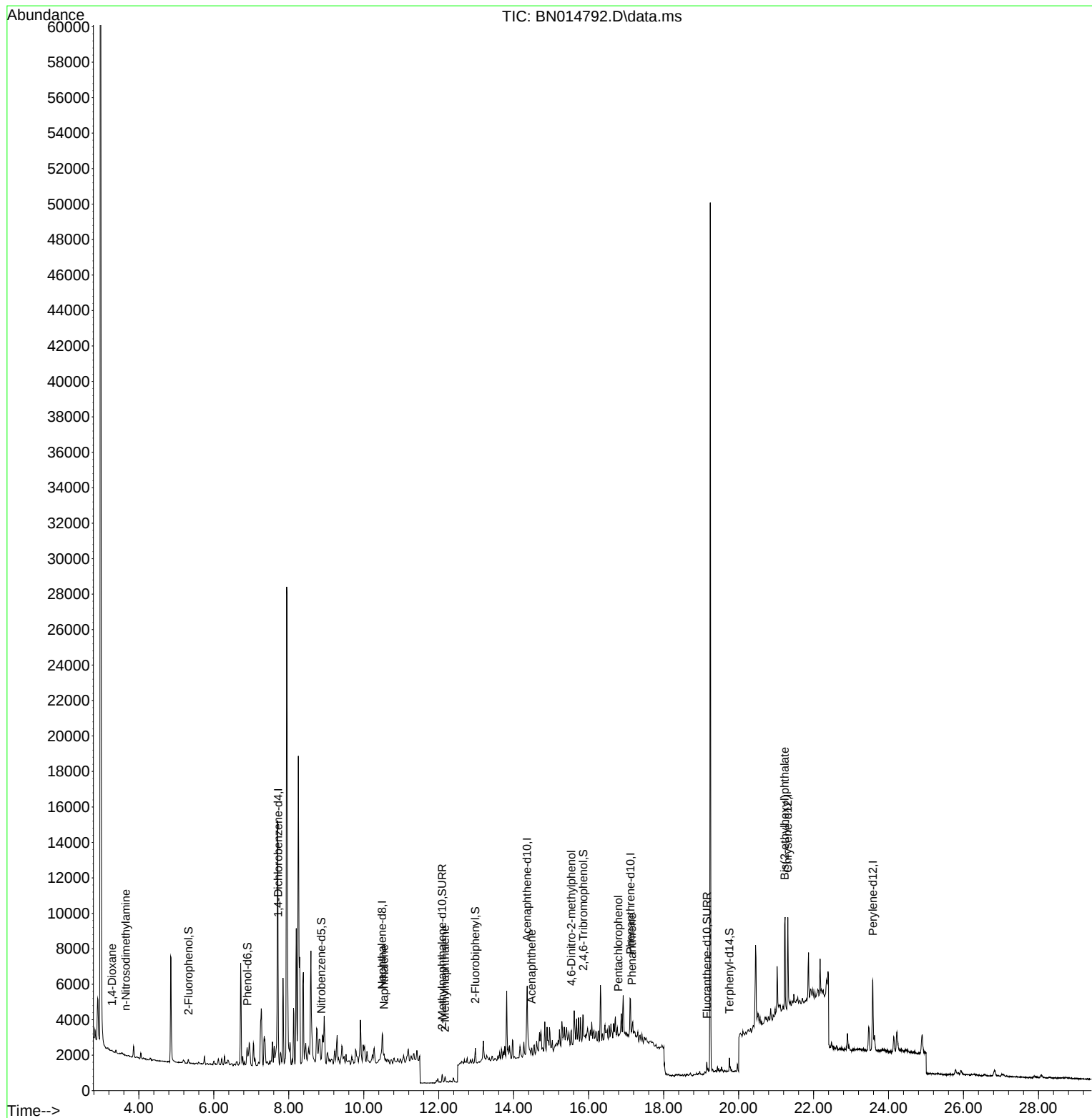
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	609	0.40	ng	0.00
7) Naphthalene-d8	10.492	136	2236	0.40	ng	#-0.01
13) Acenaphthene-d10	14.359	164	1790	0.40	ng	0.00
19) Phenanthrene-d10	17.116	188	3829	0.40	ng	# 0.00
29) Chrysene-d12	21.314	240	5019	0.40	ng	# 0.00
35) Perylene-d12	23.578	264	5421	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.324	112	132	0.08	ng	0.00
5) Phenol-d6	6.895	99	240	0.11	ng	0.00
8) Nitrobenzene-d5	8.870	82	202	0.10	ng	0.00
11) 2-Methylnaphthalene-d10	12.093	152	525	0.12	ng	0.00
14) 2,4,6-Tribromophenol	15.856	330	94	0.09	ng	-0.01
15) 2-Fluorobiphenyl	12.976	172	743	0.11	ng	-0.01
27) Fluoranthene-d10	19.154	212	760	0.05	ng	0.00
31) Terphenyl-d14	19.754	244	807	0.07	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.287	88	53	0.07	ng	# 31
3) n-Nitrosodimethylamine	3.649	42	37	0.33	ng	# 1
9) Naphthalene	10.543	128	491	0.08	ng	# 69
12) 2-Methylnaphthalene	12.169	142	180	0.04	ng	# 73
17) Acenaphthene	14.473	154	181	0.03	ng	# 3
20) 4,6-Dinitro-2-methylph...	15.539	198	12	0.06	ng	# 1
24) Pentachlorophenol	16.788	266	21	0.03	ng	# 8
25) Phenanthrene	17.153	178	515	0.04	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.229	149	4879	1.13	ng	95

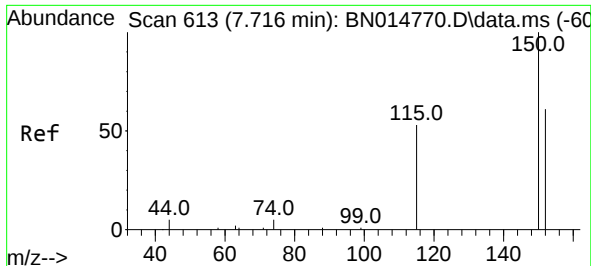
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052721\
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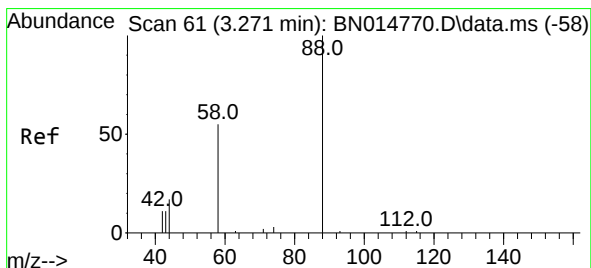
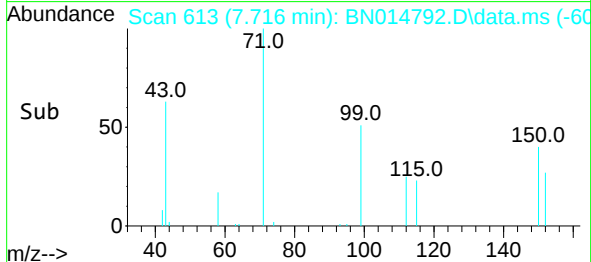
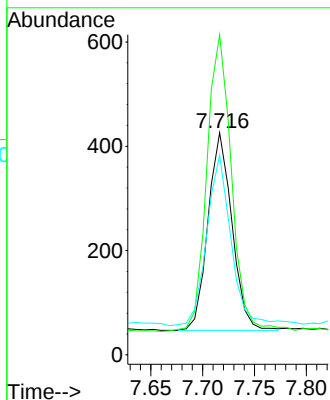
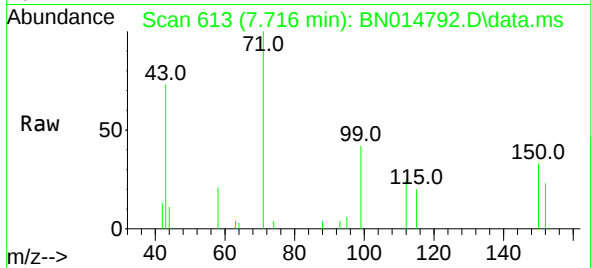




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.716 min Scan# 613
 Delta R.T. 0.000 min
 Lab File: BN014792.D
 Acq: 27 May 2021 15:04

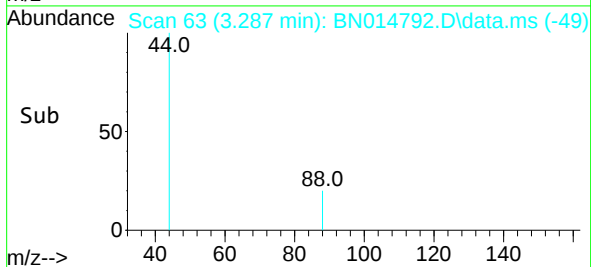
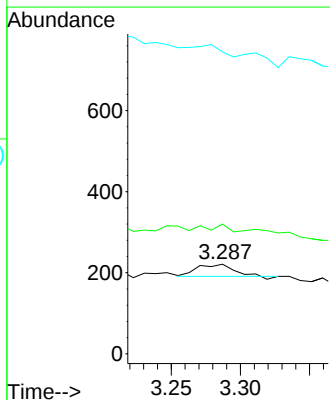
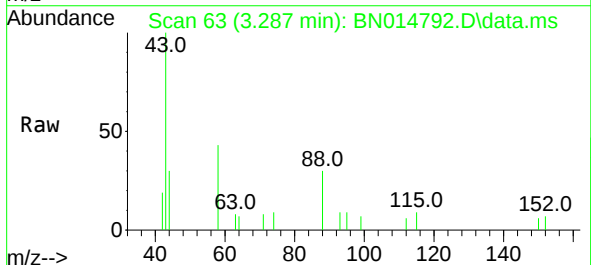
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW8-GW-958-960

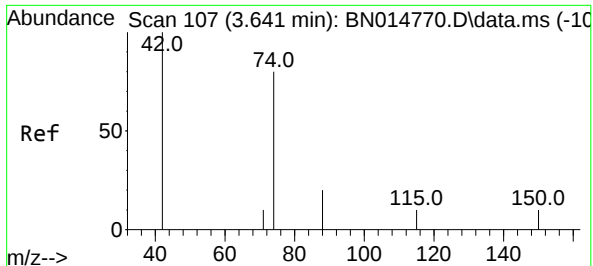
Tgt Ion:152 Resp: 609
 Ion Ratio Lower Upper
 152 100
 150 144.1 123.4 185.2
 115 89.9 73.2 109.8



#2
 1,4-Dioxane
 Concen: 0.07 ng
 RT: 3.287 min Scan# 63
 Delta R.T. 0.016 min
 Lab File: BN014792.D
 Acq: 27 May 2021 15:04

Tgt Ion: 88 Resp: 53
 Ion Ratio Lower Upper
 88 100
 58 0.0 44.7 67.1#
 43 0.0 21.0 31.6#

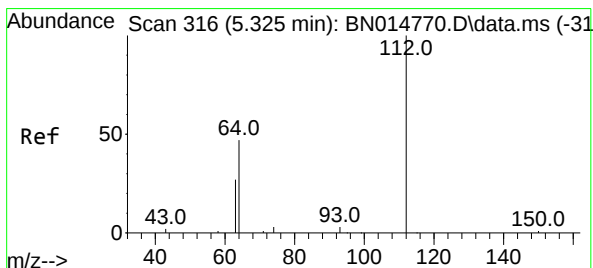
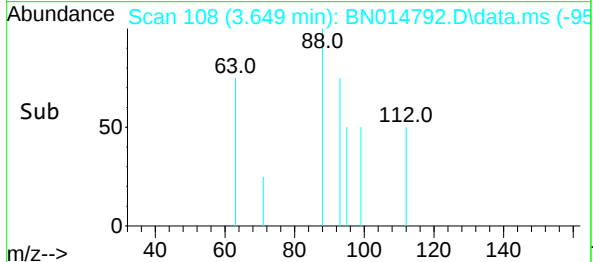
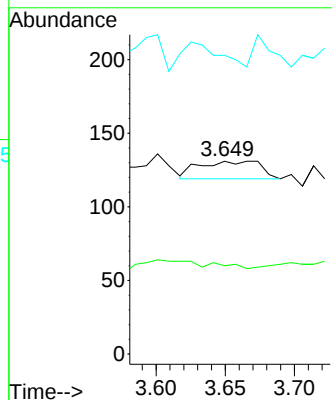
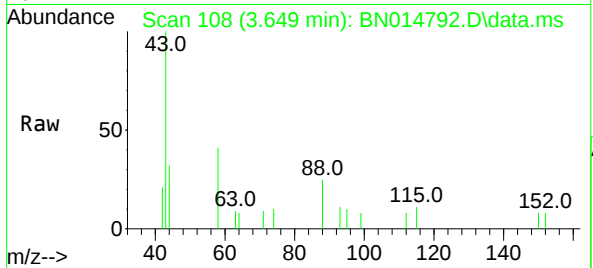




#3
n-Nitrosodimethylamine
Concen: 0.33 ng
RT: 3.649 min Scan# 108
Delta R.T. 0.008 min
Lab File: BN014792.D
Acq: 27 May 2021 15:04

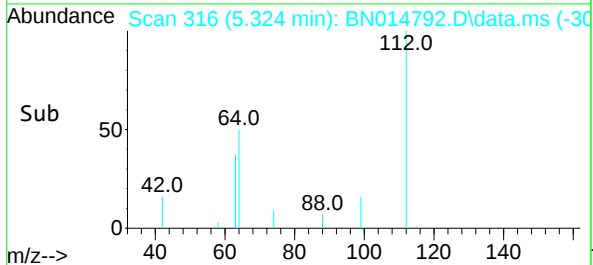
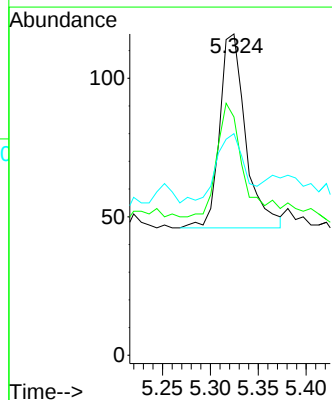
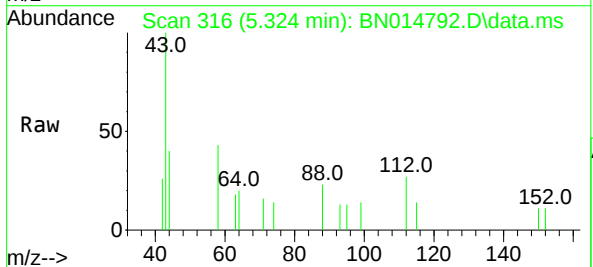
Instrument :
BNA_N
ClientSampleId :
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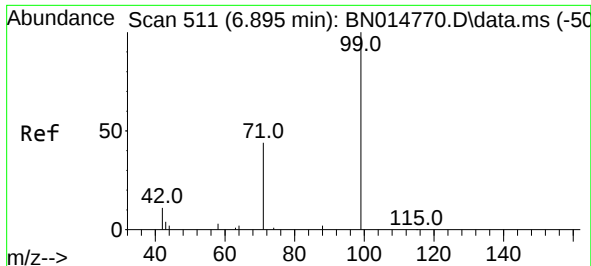
Tgt Ion: 42 Resp: 37
Ion Ratio Lower Upper
42 100
74 0.0 0.0 0.0
44 0.0 80.0 120.0#



#4
2-Fluorophenol
Concen: 0.08 ng
RT: 5.324 min Scan# 316
Delta R.T. -0.000 min
Lab File: BN014792.D
Acq: 27 May 2021 15:04

Tgt Ion: 112 Resp: 132
Ion Ratio Lower Upper
112 100
64 61.4 43.6 65.4
63 34.8 25.0 37.6

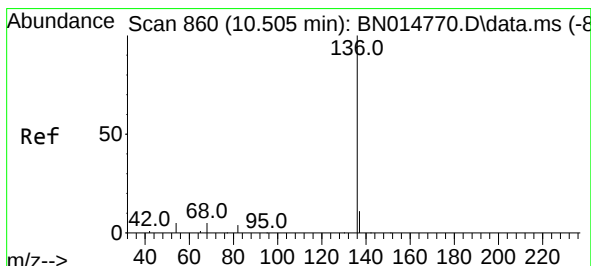
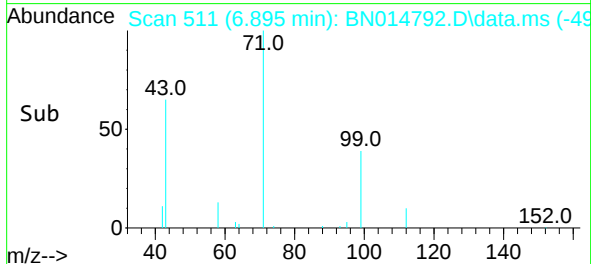
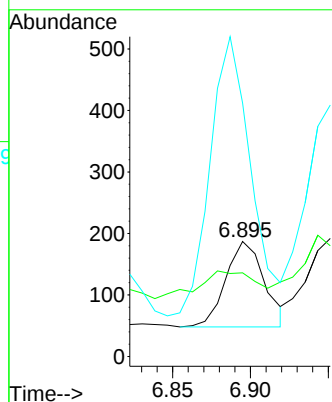
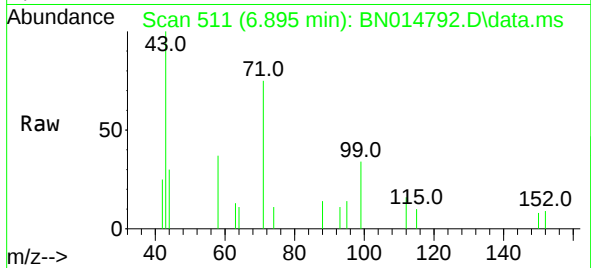




#5
Phenol-d6
Concen: 0.11 ng
RT: 6.895 min Scan# 511
Delta R.T. -0.000 min
Lab File: BN014792.D
Acq: 27 May 2021 15:04

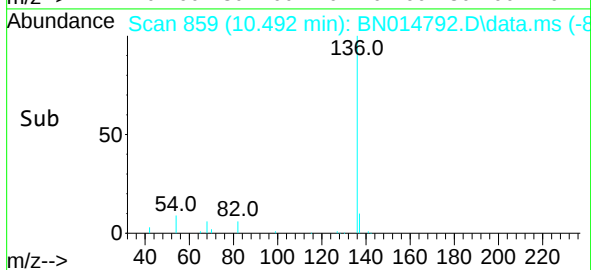
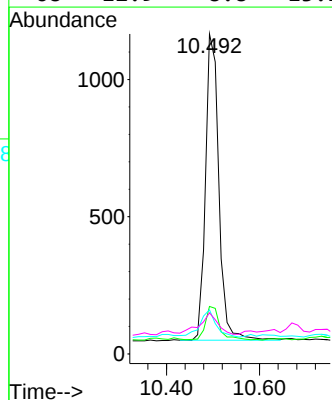
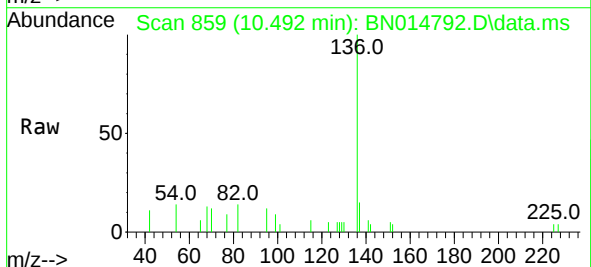
Instrument :
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ClientSampleId :
BP-VPB-RW8-GW-958-960

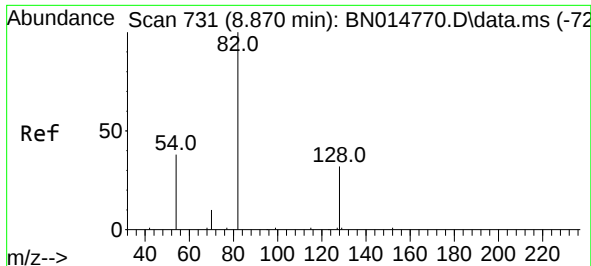
Tgt Ion: 99 Resp: 240
Ion Ratio Lower Upper
99 100
42 47.1 10.2 15.2#
71 344.6 32.4 48.6#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.492 min Scan# 859
Delta R.T. -0.013 min
Lab File: BN014792.D
Acq: 27 May 2021 15:04

Tgt Ion: 136 Resp: 2236
Ion Ratio Lower Upper
136 100
137 14.8 13.2 19.8
54 13.8 9.0 13.4#
68 12.9 8.8 13.2

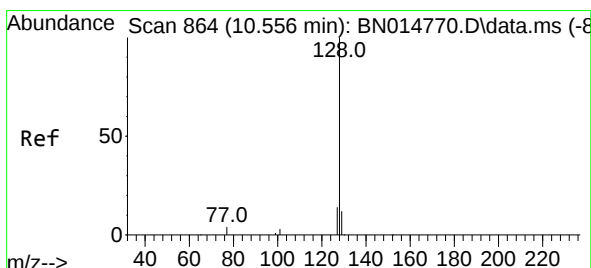
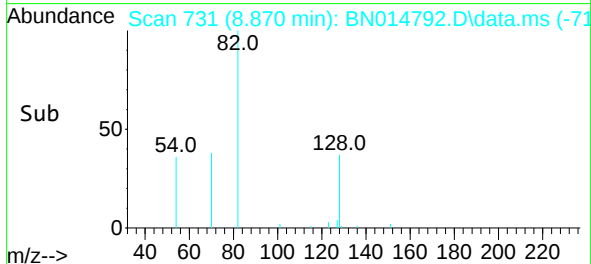
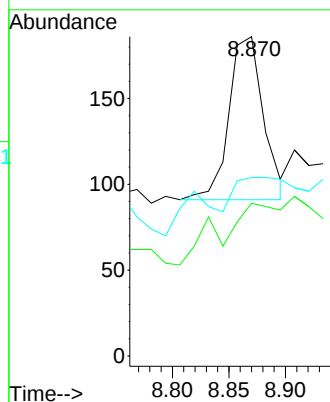
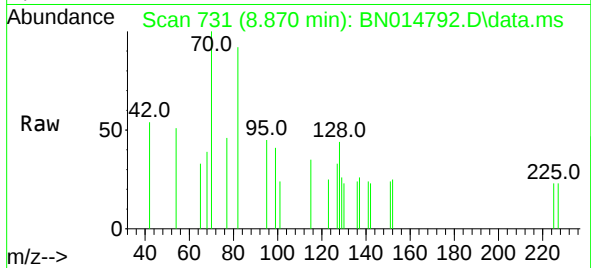




#8
Nitrobenzene-d5
Concen: 0.10 ng
RT: 8.870 min Scan# 731
Delta R.T. -0.000 min
Lab File: BN014792.D
Acq: 27 May 2021 15:04

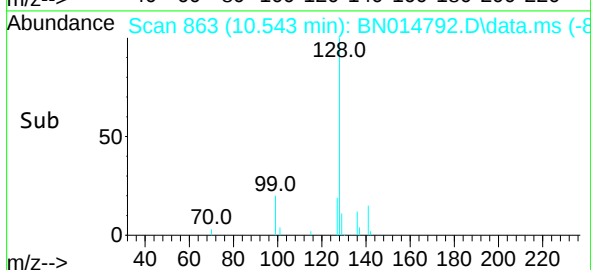
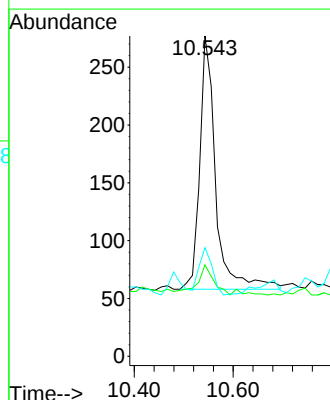
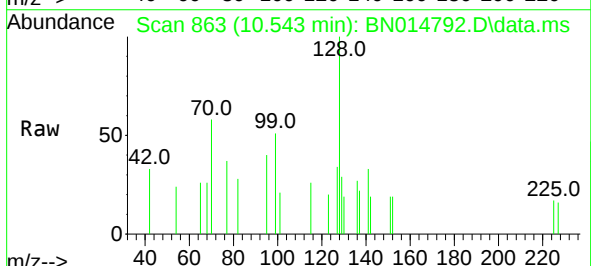
Instrument :
BNA_N
ClientSampleId :
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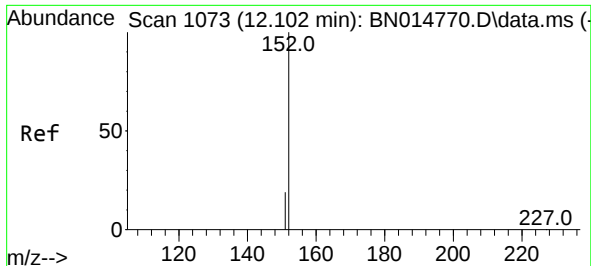
Tgt Ion: 82 Resp: 202
Ion Ratio Lower Upper
82 100
128 47.8 34.2 51.2
54 55.9 38.4 57.6



#9
Naphthalene
Concen: 0.08 ng
RT: 10.543 min Scan# 863
Delta R.T. -0.013 min
Lab File: BN014792.D
Acq: 27 May 2021 15:04

Tgt Ion: 128 Resp: 491
Ion Ratio Lower Upper
128 100
129 28.5 13.0 19.4#
127 33.9 15.0 22.6#

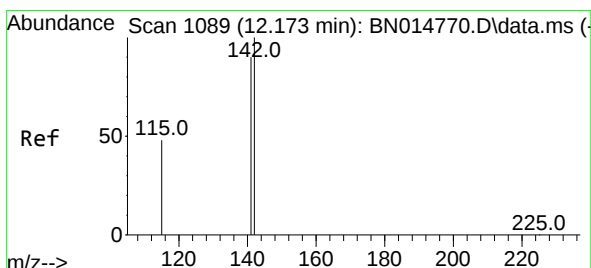
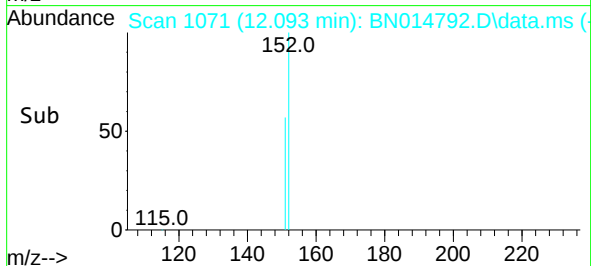
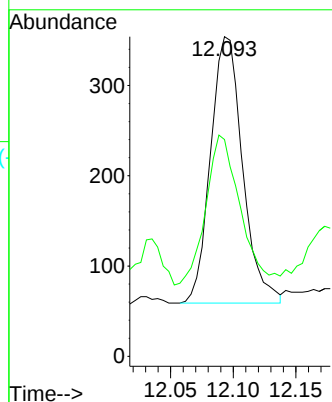
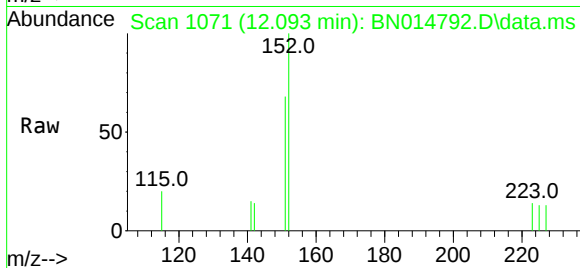




#11
2-Methylnaphthalene-d10
Concen: 0.12 ng
RT: 12.093 min Scan# 1071
Delta R.T. -0.009 min
Lab File: BN014792.D
Acq: 27 May 2021 15:04

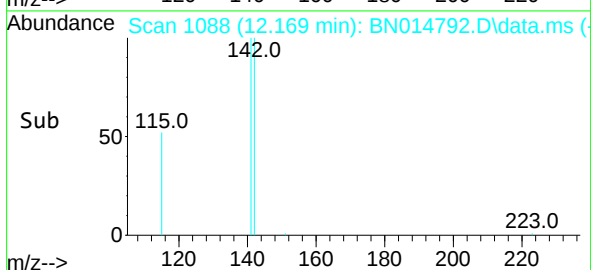
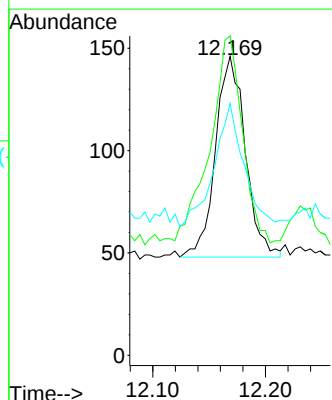
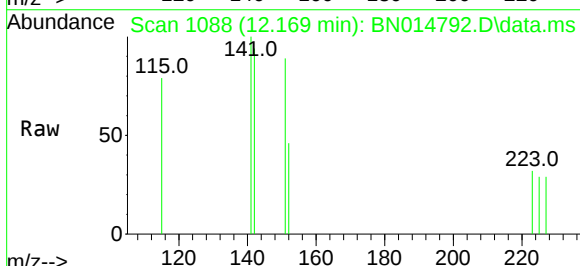
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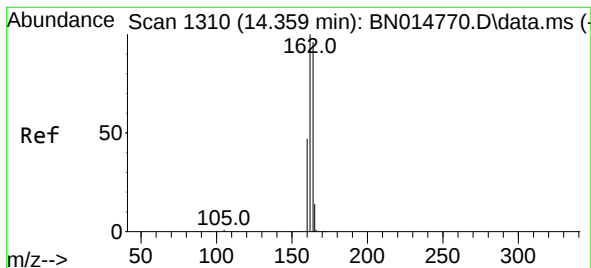
Tgt Ion:152 Resp: 525
Ion Ratio Lower Upper
152 100
151 58.3 16.8 25.2#



#12
2-Methylnaphthalene
Concen: 0.04 ng
RT: 12.169 min Scan# 1088
Delta R.T. -0.004 min
Lab File: BN014792.D
Acq: 27 May 2021 15:04

Tgt Ion:142 Resp: 180
Ion Ratio Lower Upper
142 100
141 106.8 72.9 109.3
115 84.2 41.8 62.6#

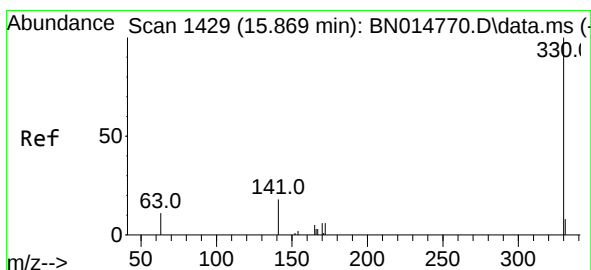
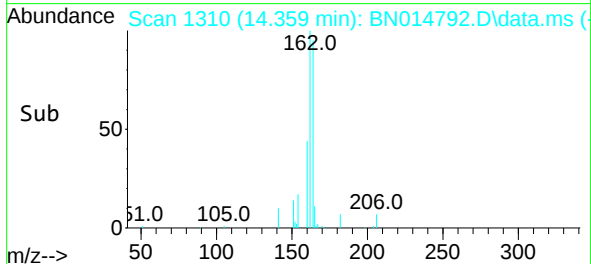
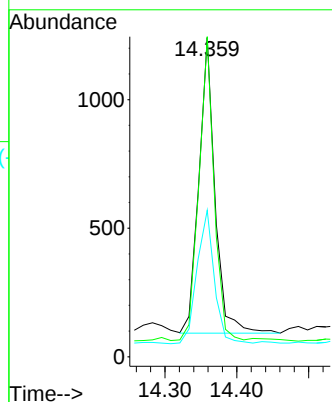
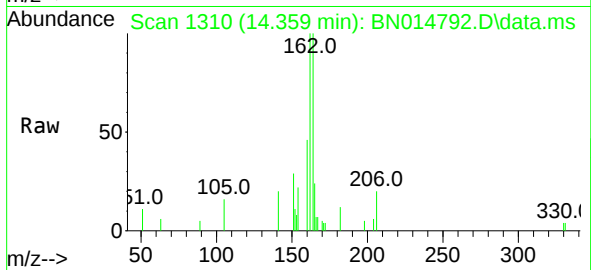




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.359 min Scan# 1310
Delta R.T. -0.000 min
Lab File: BN014792.D
Acq: 27 May 2021 15:04

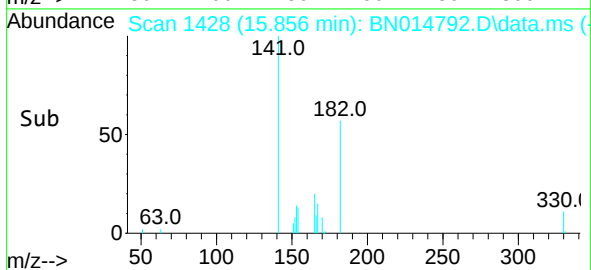
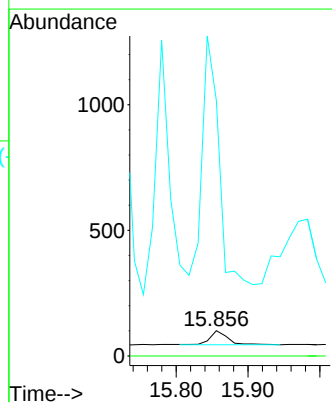
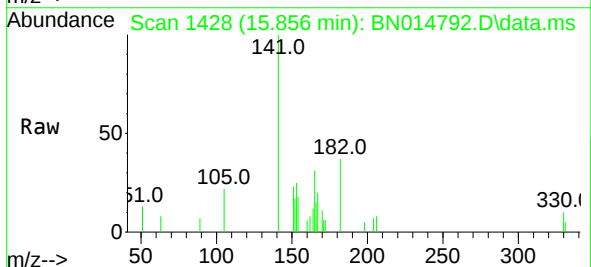
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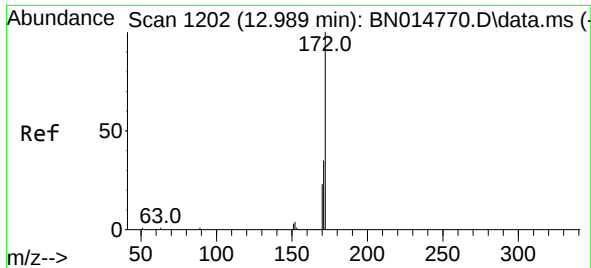
Tgt Ion:164 Resp: 1790
Ion Ratio Lower Upper
164 100
162 100.3 83.2 124.8
160 45.9 41.8 62.6



#14
2,4,6-Tribromophenol
Concen: 0.09 ng
RT: 15.856 min Scan# 1428
Delta R.T. -0.013 min
Lab File: BN014792.D
Acq: 27 May 2021 15:04

Tgt Ion:330 Resp: 94
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 1626.6 21.8 32.6#

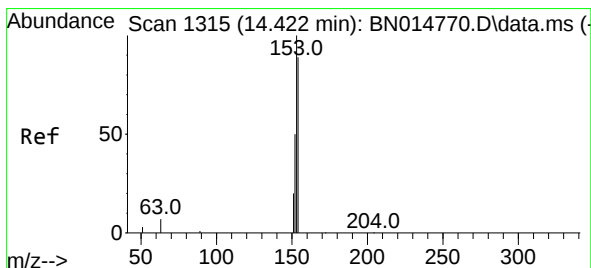
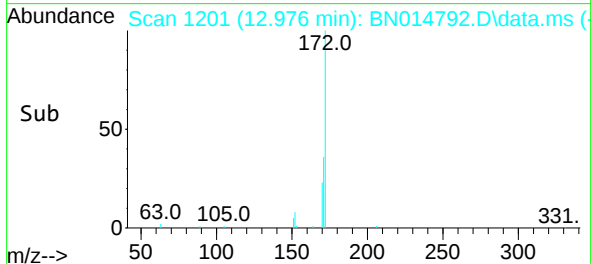
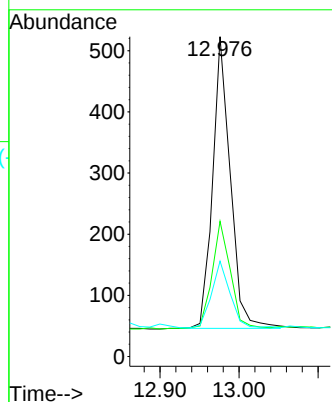
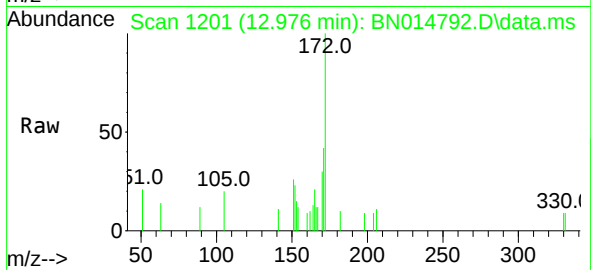




#15
2-Fluorobiphenyl
Concen: 0.11 ng
RT: 12.976 min Scan# 1201
Delta R.T. -0.013 min
Lab File: BN014792.D
Acq: 27 May 2021 15:04

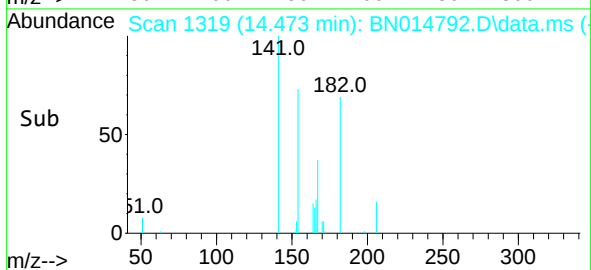
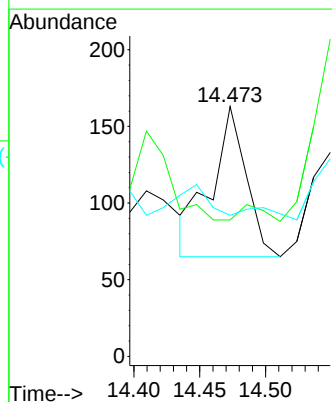
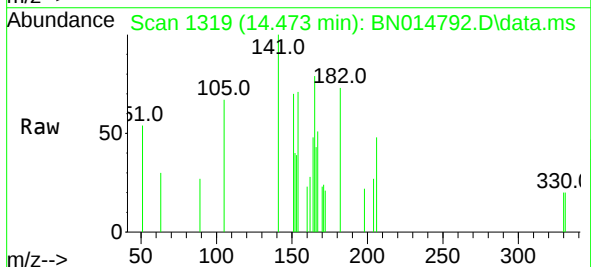
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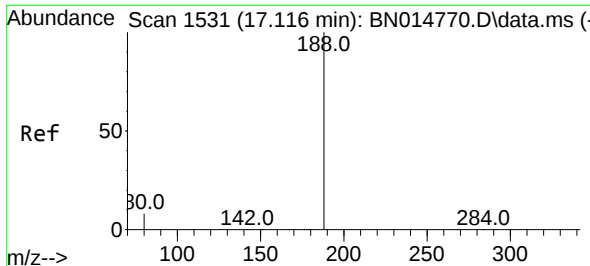
Tgt Ion:	172	Resp:	743
Ion	Ratio	Lower	Upper
172	100		
171	42.3	30.9	46.3
170	29.8	21.4	32.0



#17
Acenaphthene
Concen: 0.03 ng
RT: 14.473 min Scan# 1319
Delta R.T. 0.051 min
Lab File: BN014792.D
Acq: 27 May 2021 15:04

Tgt Ion:	154	Resp:	181
Ion	Ratio	Lower	Upper
154	100		
153	0.0	91.8	137.8#
152	0.0	46.0	69.0#

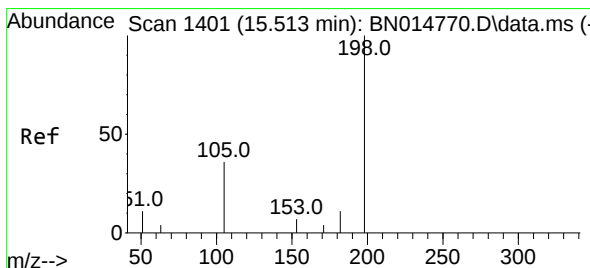
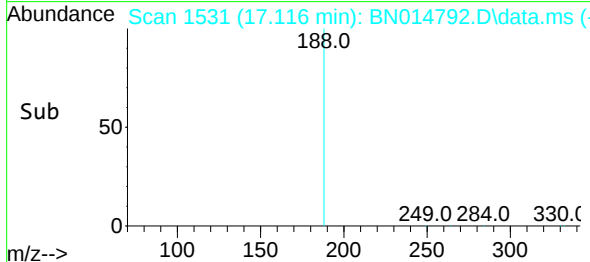
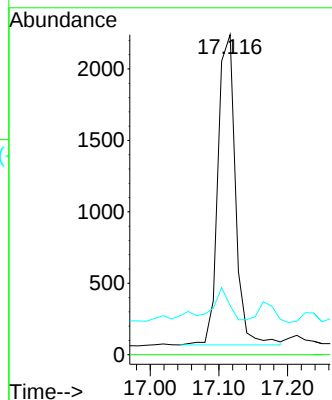
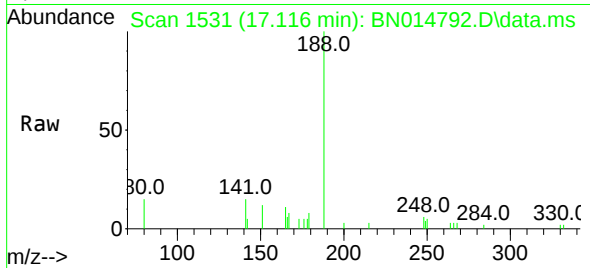




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.116 min Scan# 1531
Delta R.T. 0.000 min
Lab File: BN014792.D
Acq: 27 May 2021 15:04

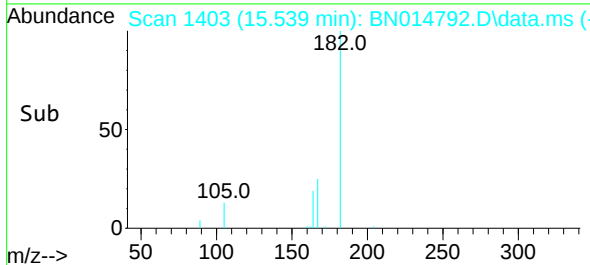
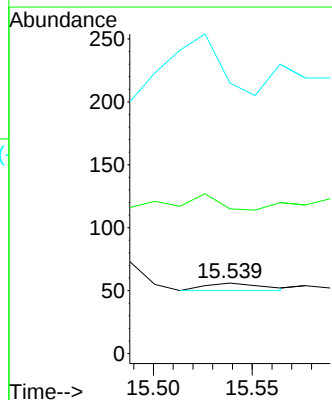
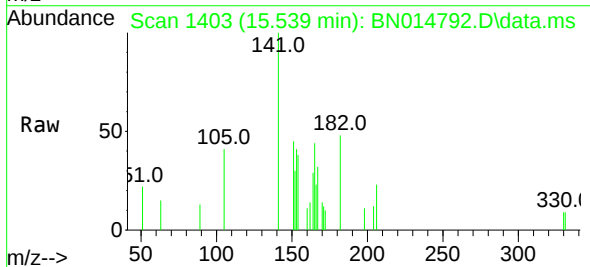
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-958-960

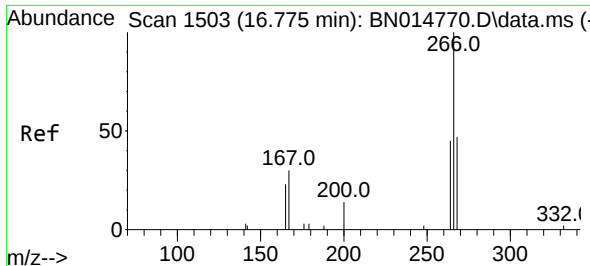
Tgt Ion:188 Resp: 3829
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.4 8.2 12.4#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.06 ng
RT: 15.539 min Scan# 1403
Delta R.T. 0.026 min
Lab File: BN014792.D
Acq: 27 May 2021 15:04

Tgt Ion:198 Resp: 12
Ion Ratio Lower Upper
198 100
51 205.4 96.4 144.6#
105 383.9 72.3 108.5#

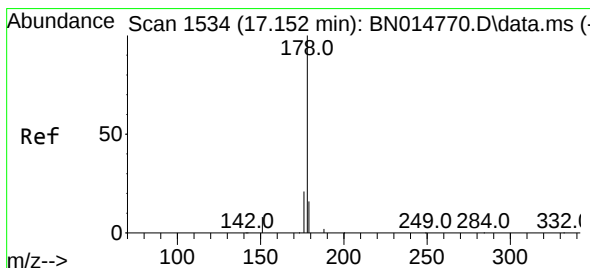
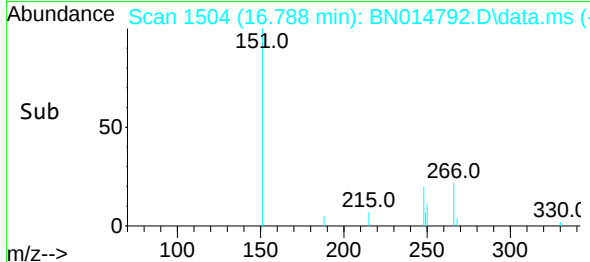
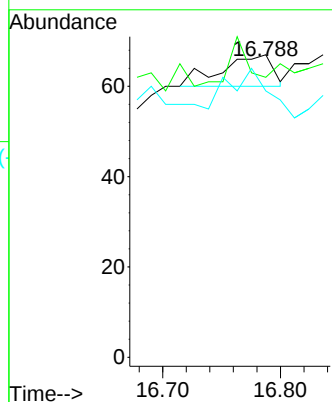
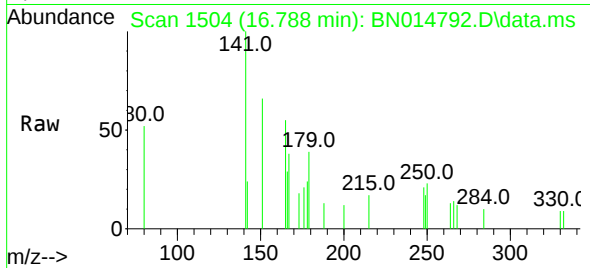




#24
Pentachlorophenol
Concen: 0.03 ng
RT: 16.788 min Scan# 1504
Delta R.T. 0.013 min
Lab File: BN014792.D
Acq: 27 May 2021 15:04

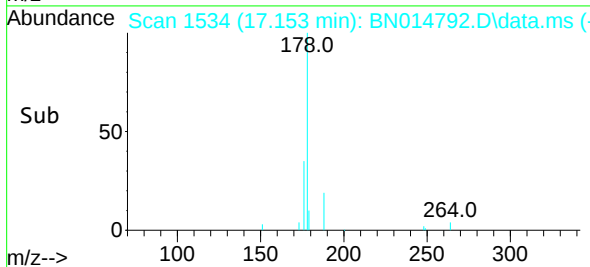
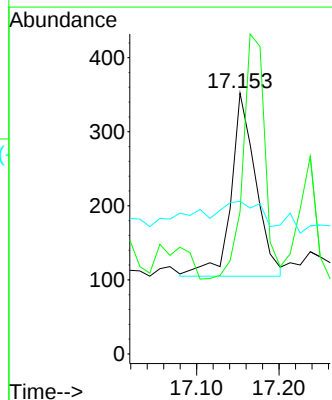
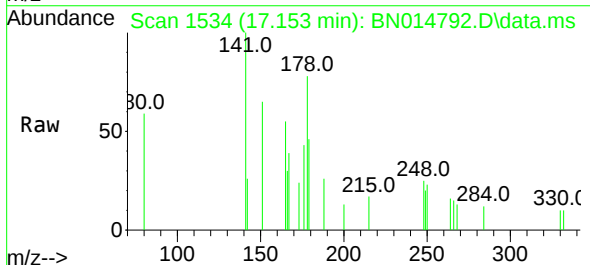
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-958-960

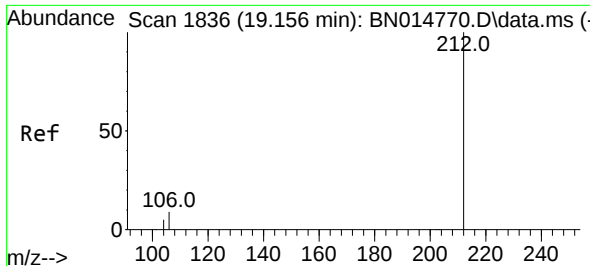
Tgt Ion:266 Resp: 21
Ion Ratio Lower Upper
266 100
264 0.0 44.2 66.2#
268 133.3 44.2 66.2#



#25
Phenanthrene
Concen: 0.04 ng
RT: 17.153 min Scan# 1534
Delta R.T. 0.000 min
Lab File: BN014792.D
Acq: 27 May 2021 15:04

Tgt Ion:178 Resp: 515
Ion Ratio Lower Upper
178 100
176 124.7 16.0 24.0#
179 34.2 12.6 19.0#

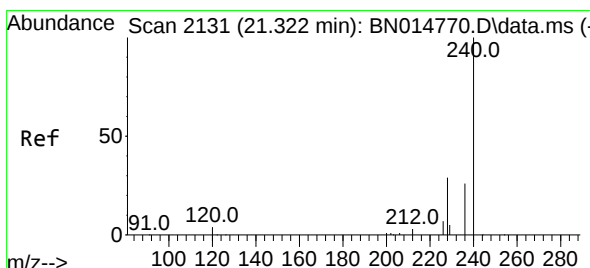
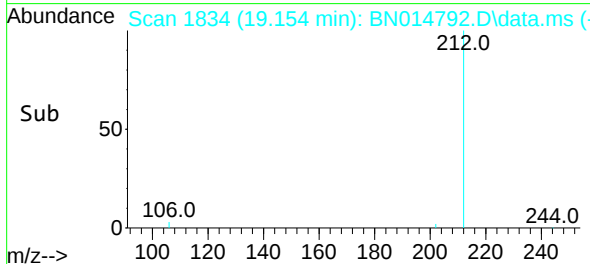
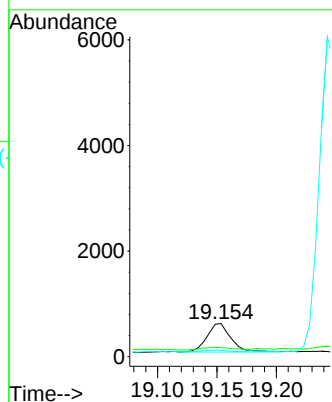
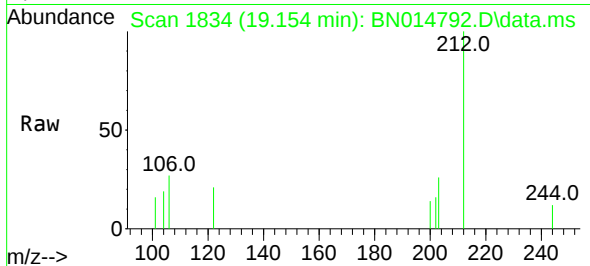




#27
Fluoranthene-d10
Concen: 0.05 ng
RT: 19.154 min Scan# 1834
Delta R.T. -0.002 min
Lab File: BN014792.D
Acq: 27 May 2021 15:04

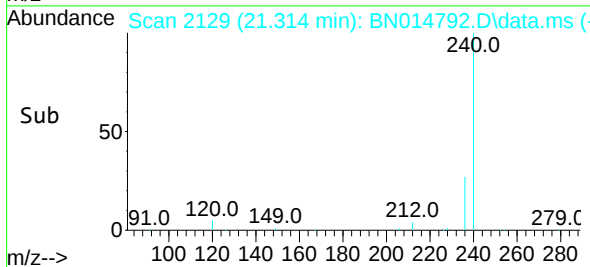
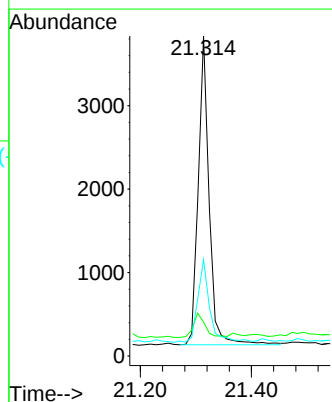
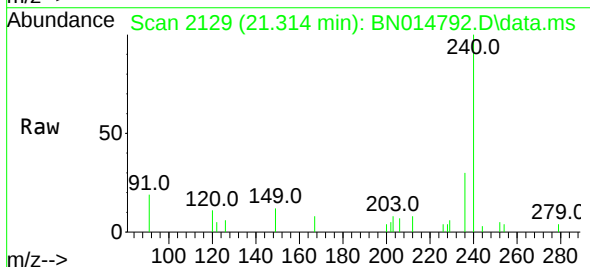
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-958-960

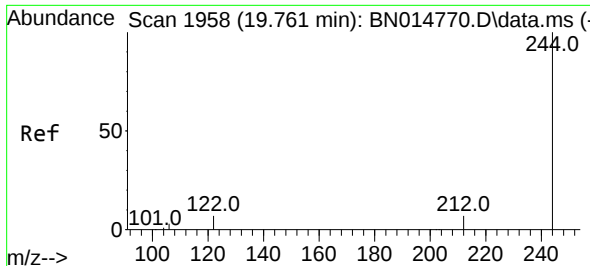
Tgt Ion:212 Resp: 760
Ion Ratio Lower Upper
212 100
106 11.3 7.4 11.2#
104 0.0 4.1 6.1#



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.314 min Scan# 2129
Delta R.T. -0.008 min
Lab File: BN014792.D
Acq: 27 May 2021 15:04

Tgt Ion:240 Resp: 5019
Ion Ratio Lower Upper
240 100
120 10.6 5.2 7.8#
236 30.2 21.6 32.4

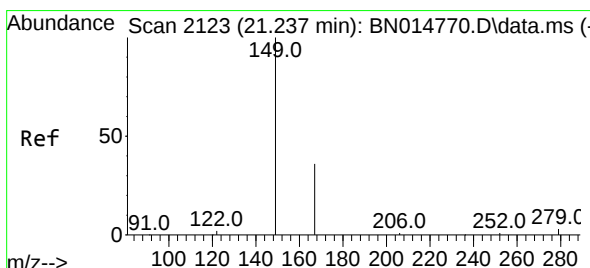
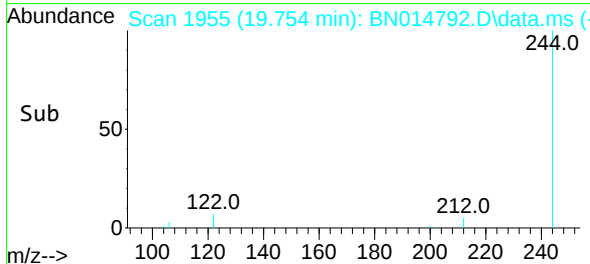
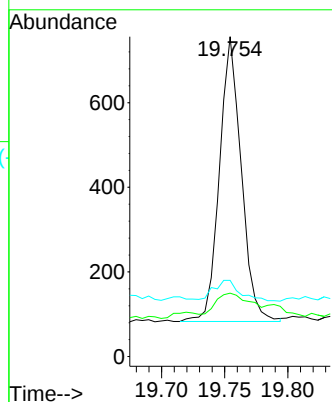
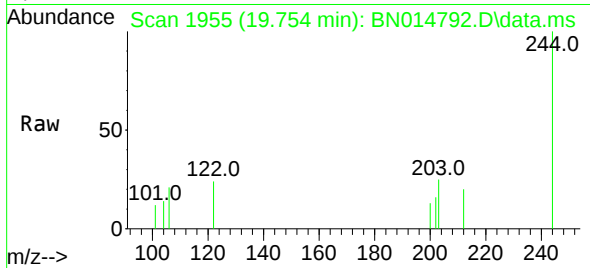




#31
 Terphenyl-d14
 Concen: 0.07 ng
 RT: 19.754 min Scan# 1955
 Delta R.T. -0.007 min
 Lab File: BN014792.D
 Acq: 27 May 2021 15:04

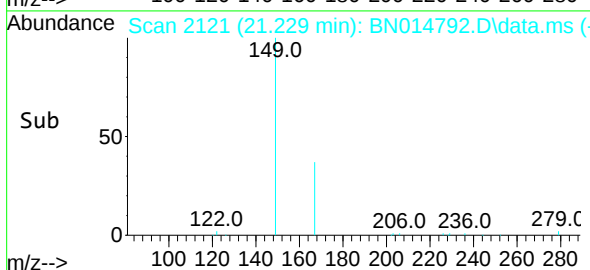
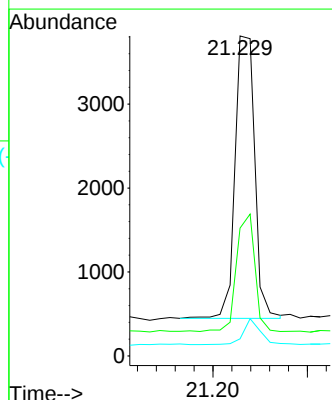
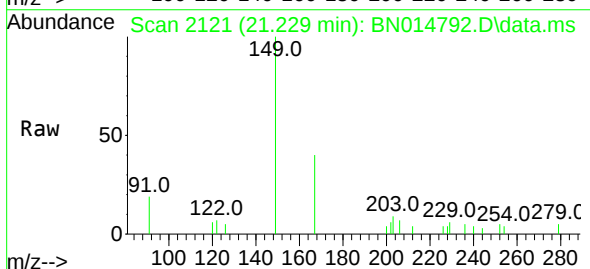
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW8-GW-958-960

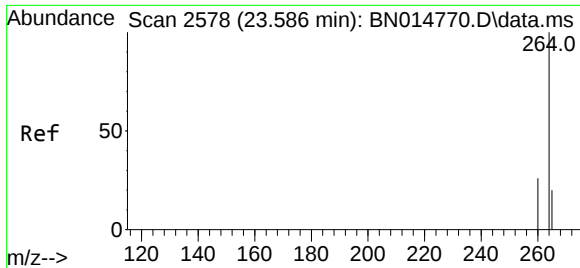
Tgt Ion:244 Resp: 807
 Ion Ratio Lower Upper
 244 100
 212 19.8 6.8 10.2#
 122 23.8 6.6 9.8#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 1.13 ng
 RT: 21.229 min Scan# 2121
 Delta R.T. -0.008 min
 Lab File: BN014792.D
 Acq: 27 May 2021 15:04

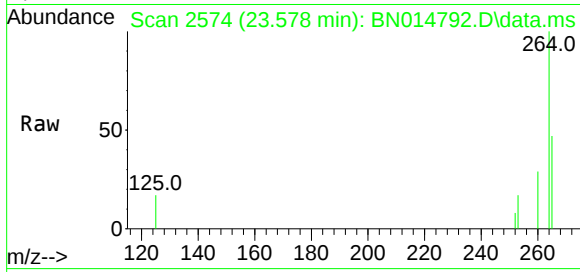
Tgt Ion:149 Resp: 4879
 Ion Ratio Lower Upper
 149 100
 167 38.6 28.3 42.5
 279 7.9 5.5 8.3





#35
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.578 min Scan# 2574
 Delta R.T. -0.008 min
 Lab File: BN014792.D
 Acq: 27 May 2021 15:04

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW8-GW-958-960



Tgt Ion:264	Resp:	5421
Ion Ratio	Lower	Upper
264	100	
260	28.8	21.4 32.2
265	47.0	40.9 61.3

