

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052721\
 Data File : BN014789.D
 Acq On : 27 May 2021 13:17
 Operator : CG/JU
 Sample : M2411-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW8-GW-768-770

Quant Time: May 27 13:54:38 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)

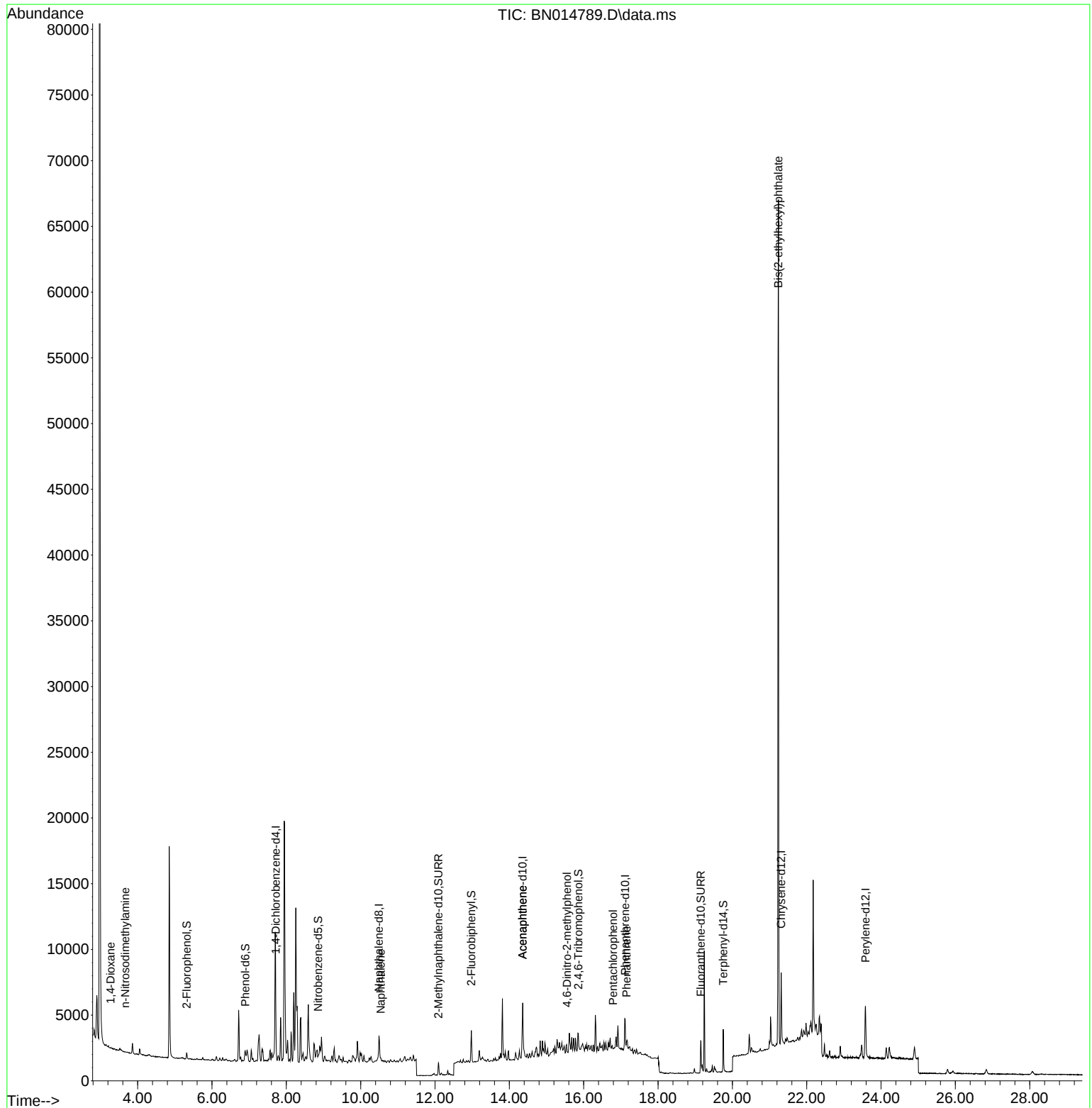
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	792	0.40	ng	0.00
7) Naphthalene-d8	10.492	136	2757	0.40	ng	-0.01
13) Acenaphthene-d10	14.359	164	2104	0.40	ng	0.00
19) Phenanthrene-d10	17.116	188	4243	0.40	ng	# 0.00
29) Chrysene-d12	21.314	240	5425	0.40	ng	# 0.00
35) Perylene-d12	23.581	264	5686	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.316	112	371	0.18	ng	0.00
5) Phenol-d6	6.895	99	423	0.15	ng	0.00
8) Nitrobenzene-d5	8.857	82	729	0.29	ng	-0.01
11) 2-Methylnaphthalene-d10	12.093	152	1275	0.23	ng	0.00
14) 2,4,6-Tribromophenol	15.856	330	270	0.22	ng	-0.01
15) 2-Fluorobiphenyl	12.976	172	2070	0.27	ng	-0.01
27) Fluoranthene-d10	19.148	212	3132	0.19	ng	0.00
31) Terphenyl-d14	19.754	244	3425	0.27	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.271	88	44	0.05	ng	# 1
3) n-Nitrosodimethylamine	3.665	42	24	0.26	ng	# 71
9) Naphthalene	10.543	128	211	0.03	ng	# 39
17) Acenaphthene	14.359	154	276	0.04	ng	# 20
20) 4,6-Dinitro-2-methylph...	15.551	198	7	0.04	ng	# 1
24) Pentachlorophenol	16.788	266	23	0.03	ng	# 51
25) Phenanthrene	17.153	178	814	0.06	ng	# 33
34) Bis(2-ethylhexyl)phtha...	21.239	149	56280	12.01	ng	94

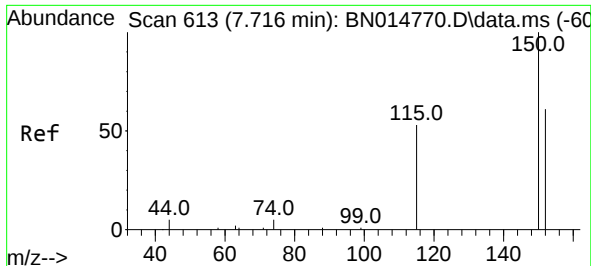
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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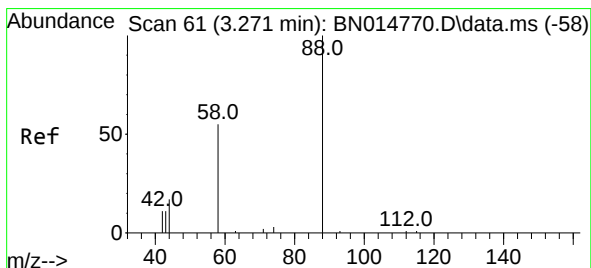
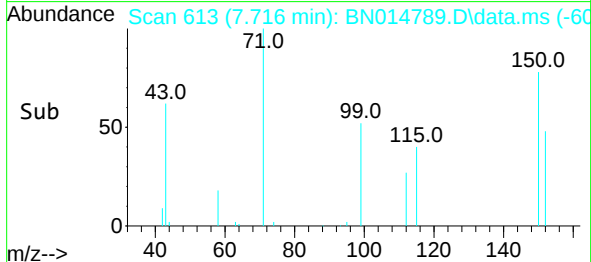
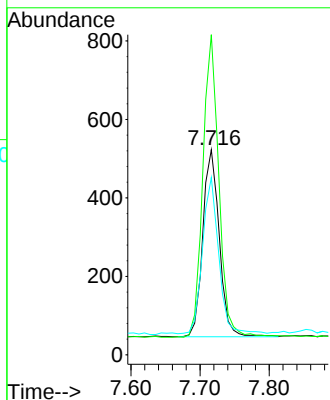
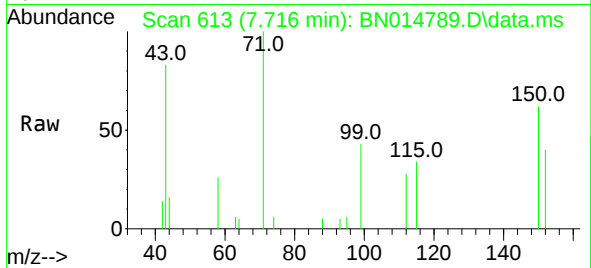




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.716 min Scan# 613
 Delta R.T. 0.000 min
 Lab File: BN014789.D
 Acq: 27 May 2021 13:17

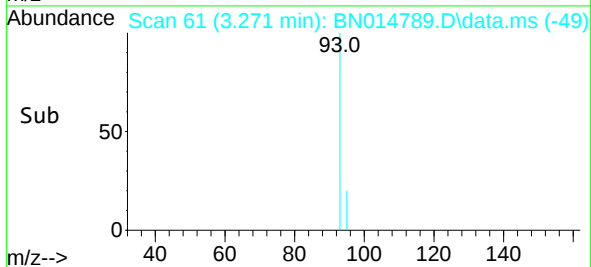
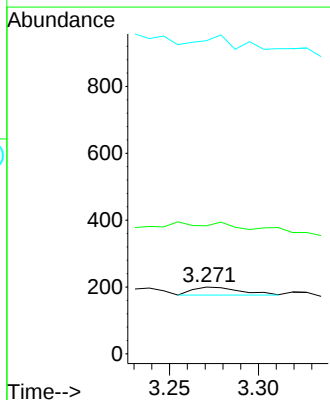
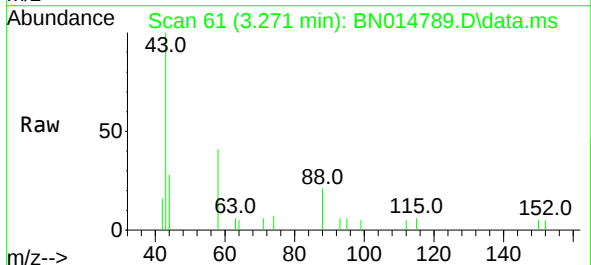
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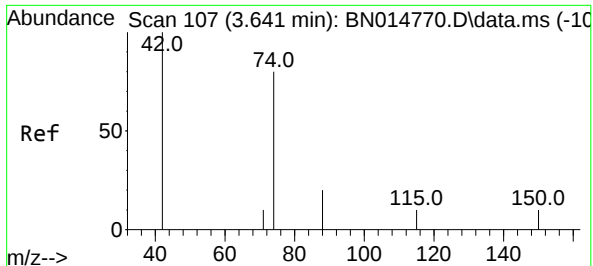
Tgt Ion:152 Resp: 792
 Ion Ratio Lower Upper
 152 100
 150 156.0 123.4 185.2
 115 86.4 73.2 109.8



#2
 1,4-Dioxane
 Concen: 0.05 ng
 RT: 3.271 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN014789.D
 Acq: 27 May 2021 13:17

Tgt Ion: 88 Resp: 44
 Ion Ratio Lower Upper
 88 100
 58 329.5 44.7 67.1#
 43 0.0 21.0 31.6#

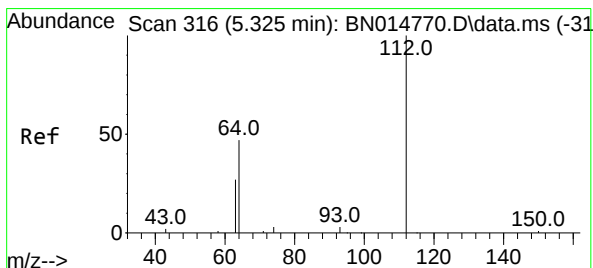
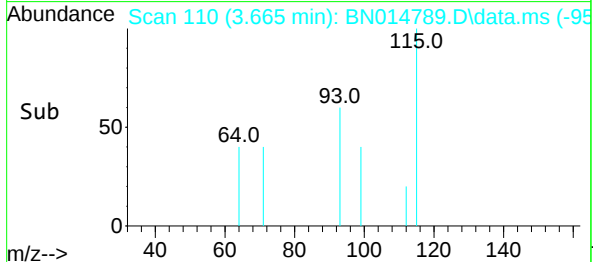
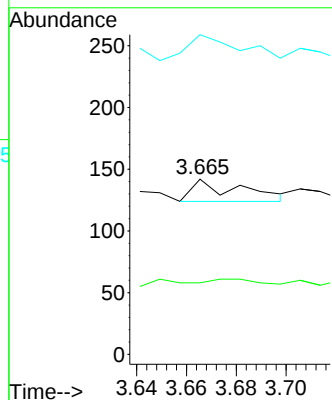
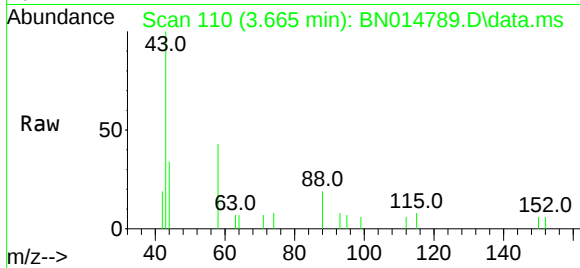




#3
n-Nitrosodimethylamine
Concen: 0.26 ng
RT: 3.665 min Scan# 110
Delta R.T. 0.024 min
Lab File: BN014789.D
Acq: 27 May 2021 13:17

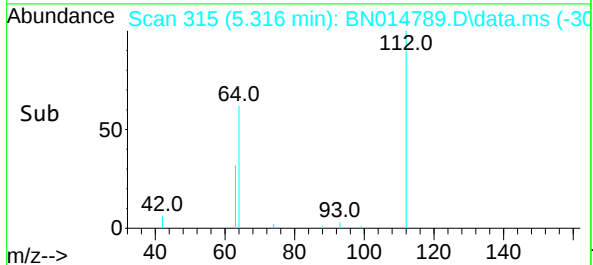
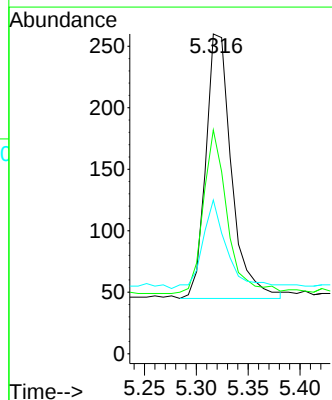
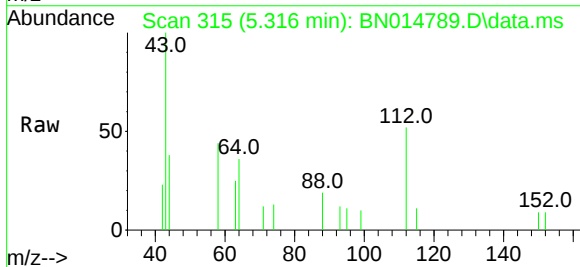
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ClientSampleId :
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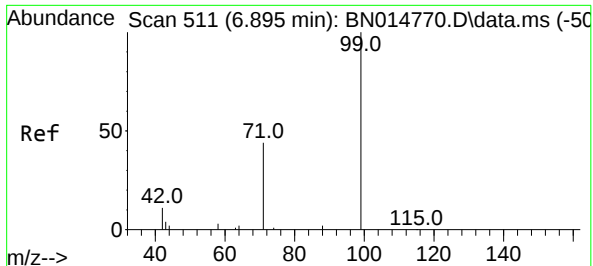
Tgt Ion: 42 Resp: 24
Ion Ratio Lower Upper
42 100
74 25.0 0.0 0.0#
44 129.2 80.0 120.0#



#4
2-Fluorophenol
Concen: 0.18 ng
RT: 5.316 min Scan# 315
Delta R.T. -0.008 min
Lab File: BN014789.D
Acq: 27 May 2021 13:17

Tgt Ion: 112 Resp: 371
Ion Ratio Lower Upper
112 100
64 57.4 43.6 65.4
63 31.5 25.0 37.6

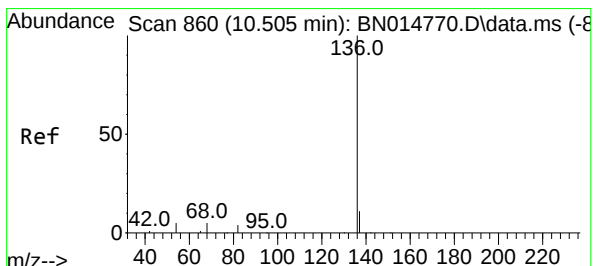
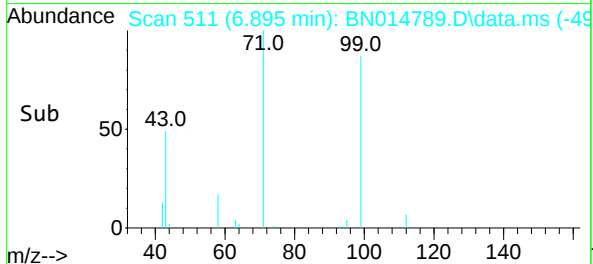
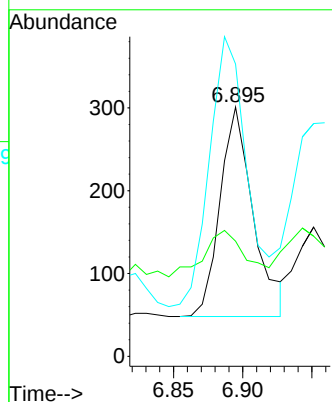
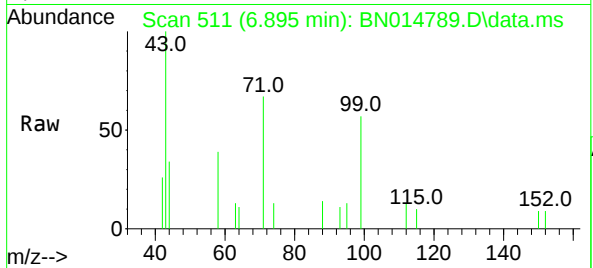




#5
Phenol-d6
Concen: 0.15 ng
RT: 6.895 min Scan# 511
Delta R.T. -0.000 min
Lab File: BN014789.D
Acq: 27 May 2021 13:17

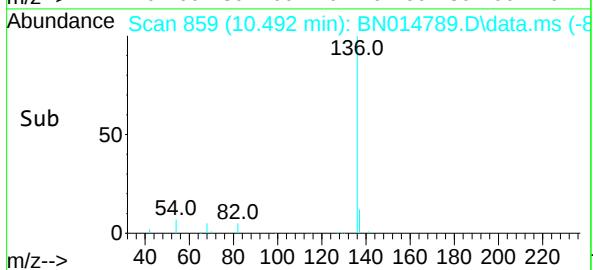
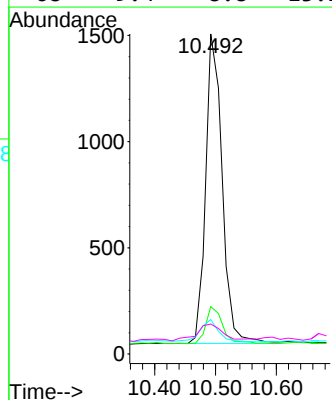
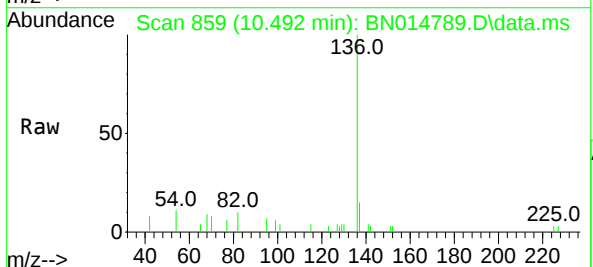
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-768-770

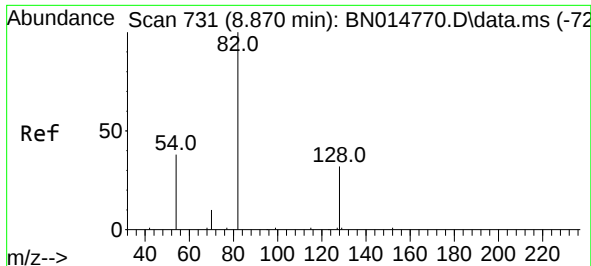
Tgt Ion: 99 Resp: 423
Ion Ratio Lower Upper
99 100
42 27.2 10.2 15.2#
71 144.7 32.4 48.6#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.492 min Scan# 859
Delta R.T. -0.013 min
Lab File: BN014789.D
Acq: 27 May 2021 13:17

Tgt Ion:136 Resp: 2757
Ion Ratio Lower Upper
136 100
137 14.8 13.2 19.8
54 10.7 9.0 13.4
68 9.4 8.8 13.2

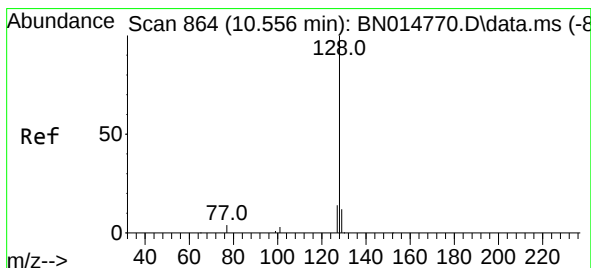
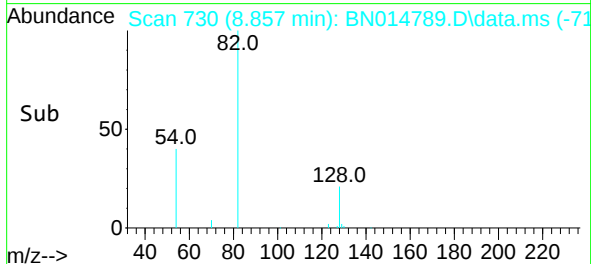
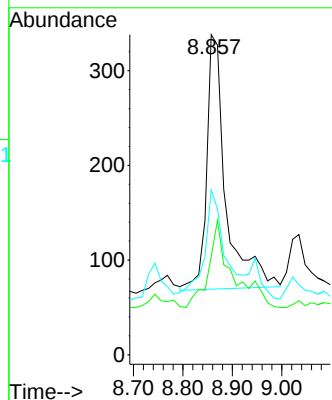
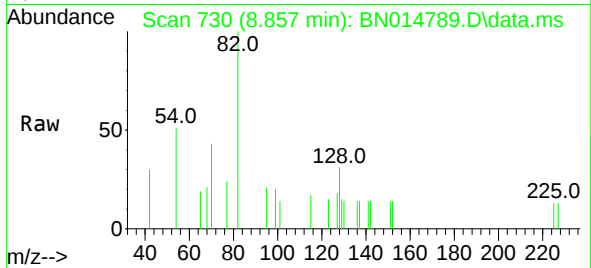




#8
Nitrobenzene-d5
Concen: 0.29 ng
RT: 8.857 min Scan# 730
Delta R.T. -0.013 min
Lab File: BN014789.D
Acq: 27 May 2021 13:17

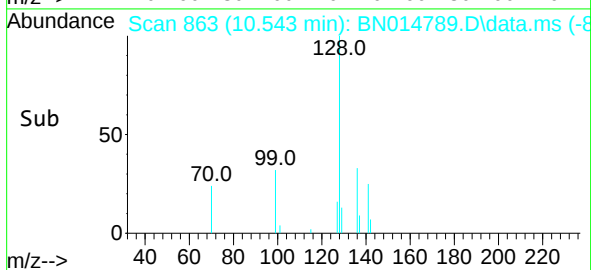
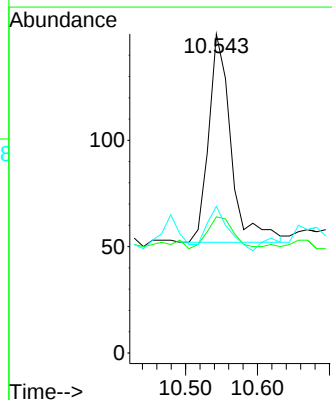
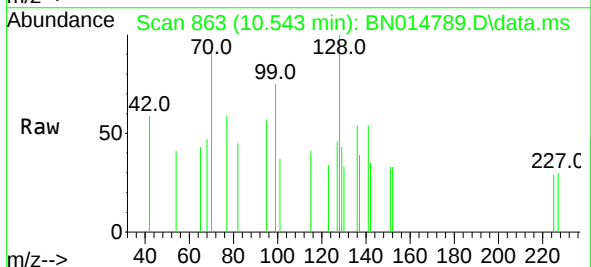
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BNA_N
ClientSampleId :
BP-VPB-RW8-GW-768-770

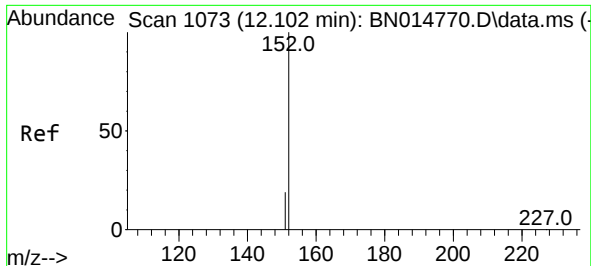
Tgt Ion: 82 Resp: 729
Ion Ratio Lower Upper
82 100
128 30.8 34.2 51.2#
54 51.5 38.4 57.6



#9
Naphthalene
Concen: 0.03 ng
RT: 10.543 min Scan# 863
Delta R.T. -0.013 min
Lab File: BN014789.D
Acq: 27 May 2021 13:17

Tgt Ion: 128 Resp: 211
Ion Ratio Lower Upper
128 100
129 42.7 13.0 19.4#
127 46.0 15.0 22.6#

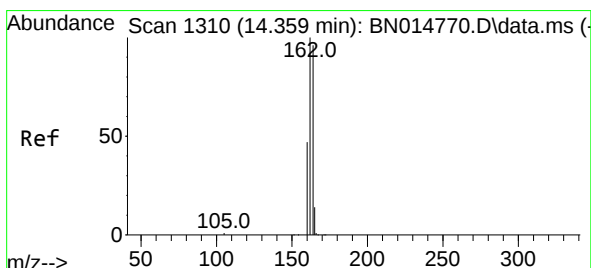
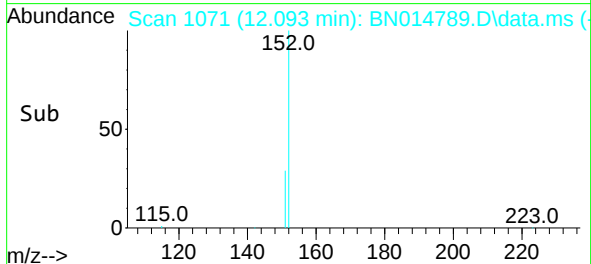
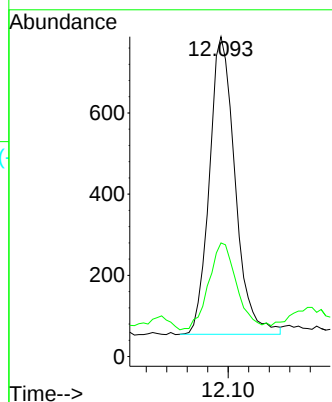
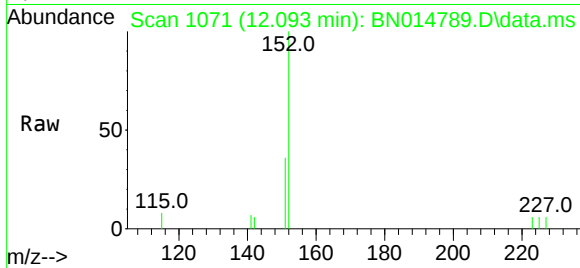




#11
2-Methylnaphthalene-d10
Concen: 0.23 ng
RT: 12.093 min Scan# 1071
Delta R.T. -0.009 min
Lab File: BN014789.D
Acq: 27 May 2021 13:17

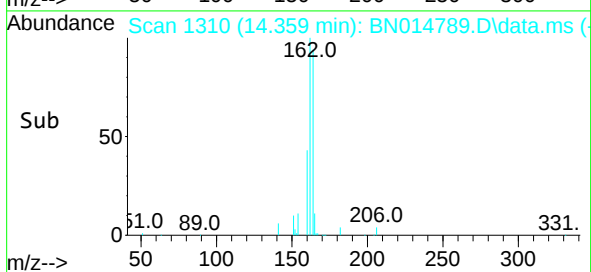
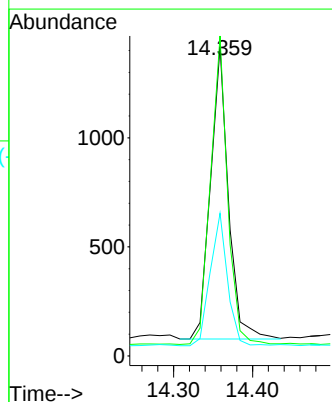
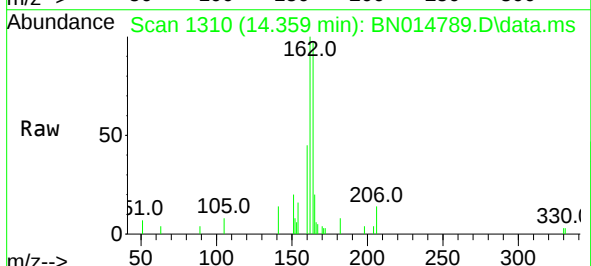
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BNA_N
ClientSampleId :
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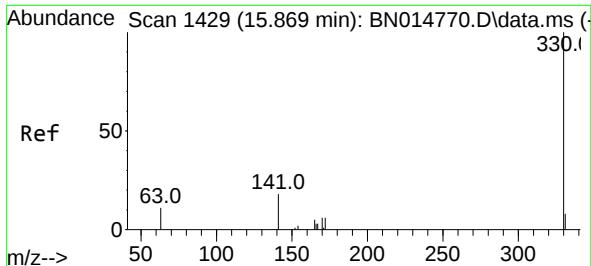
Tgt Ion:152 Resp: 1275
Ion Ratio Lower Upper
152 100
151 31.8 16.8 25.2#



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.359 min Scan# 1310
Delta R.T. -0.000 min
Lab File: BN014789.D
Acq: 27 May 2021 13:17

Tgt Ion:164 Resp: 2104
Ion Ratio Lower Upper
164 100
162 103.4 83.2 124.8
160 46.1 41.8 62.6

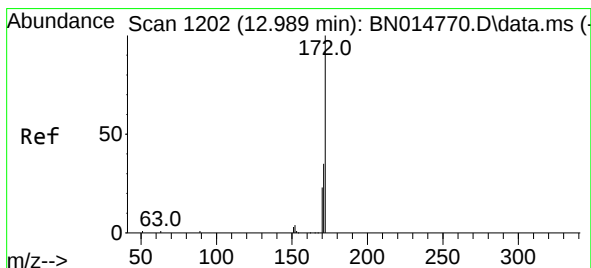
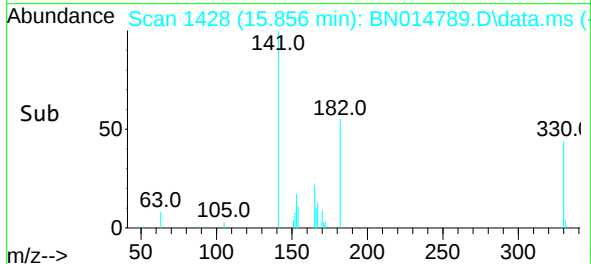
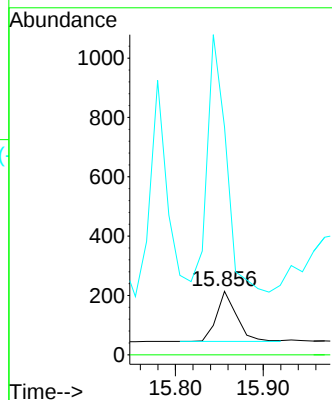
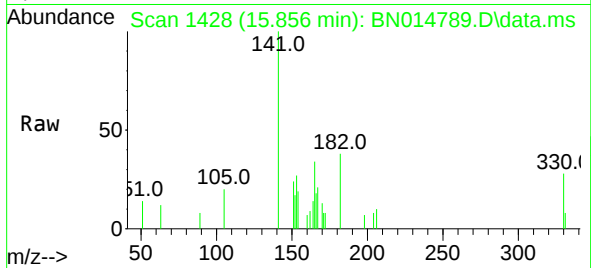




#14
2,4,6-Tribromophenol
Concen: 0.22 ng
RT: 15.856 min Scan# 1428
Delta R.T. -0.013 min
Lab File: BN014789.D
Acq: 27 May 2021 13:17

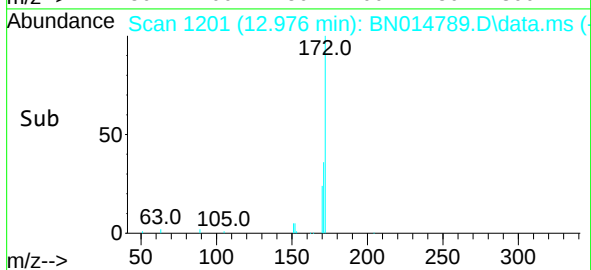
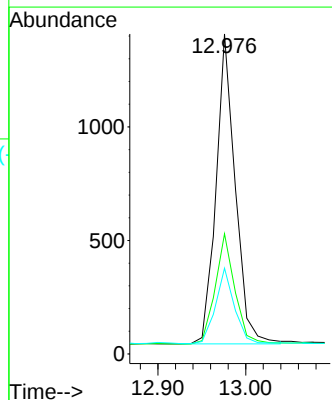
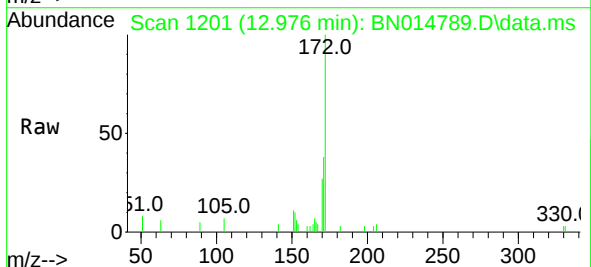
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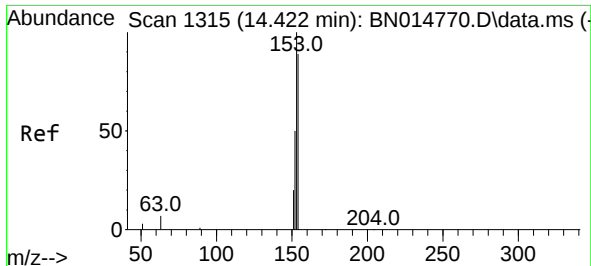
Tgt Ion:330 Resp: 270
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 475.2 21.8 32.6#



#15
2-Fluorobiphenyl
Concen: 0.27 ng
RT: 12.976 min Scan# 1201
Delta R.T. -0.013 min
Lab File: BN014789.D
Acq: 27 May 2021 13:17

Tgt Ion:172 Resp: 2070
Ion Ratio Lower Upper
172 100
171 37.5 30.9 46.3
170 26.8 21.4 32.0

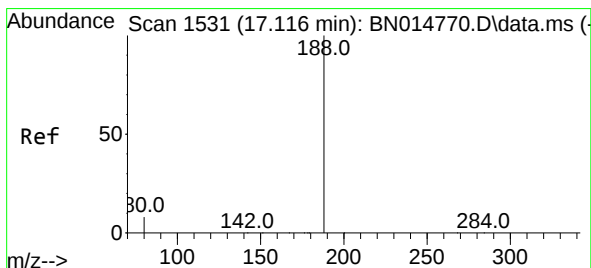
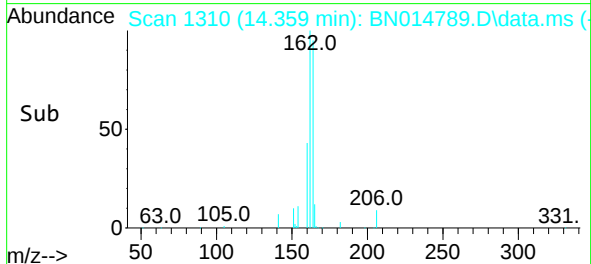
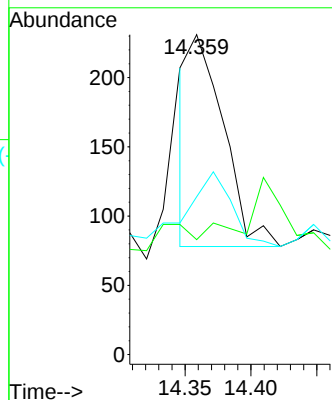
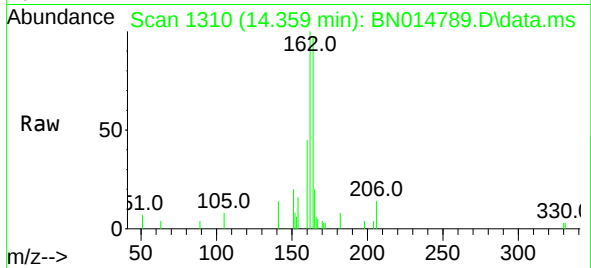




#17
Acenaphthene
Concen: 0.04 ng
RT: 14.359 min Scan# 1310
Delta R.T. -0.064 min
Lab File: BN014789.D
Acq: 27 May 2021 13:17

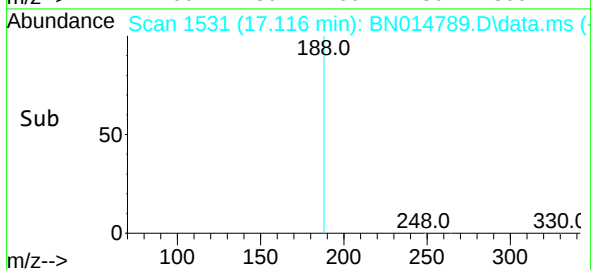
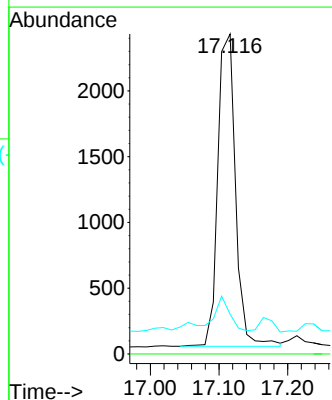
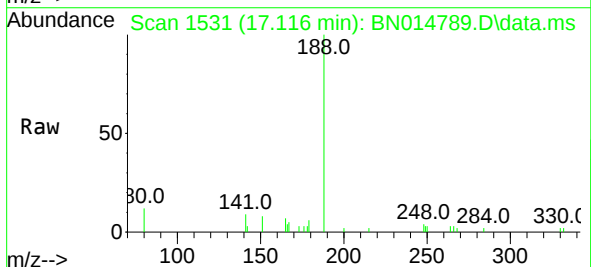
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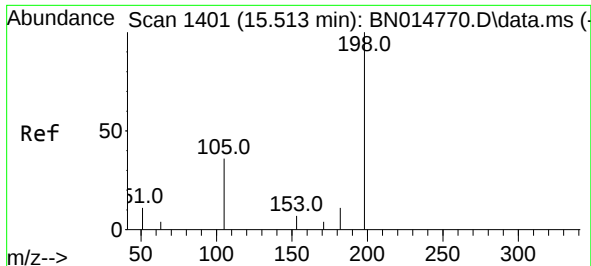
Tgt Ion:154 Resp: 276
Ion Ratio Lower Upper
154 100
153 0.0 91.8 137.8#
152 37.0 46.0 69.0#



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.116 min Scan# 1531
Delta R.T. 0.000 min
Lab File: BN014789.D
Acq: 27 May 2021 13:17

Tgt Ion:188 Resp: 4243
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.4 8.2 12.4#

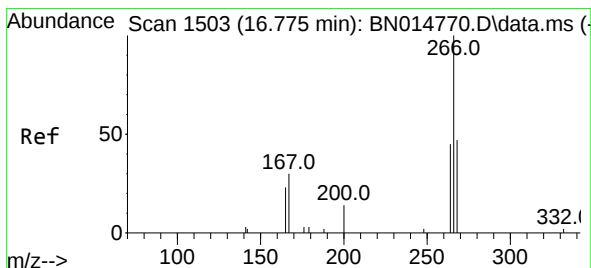
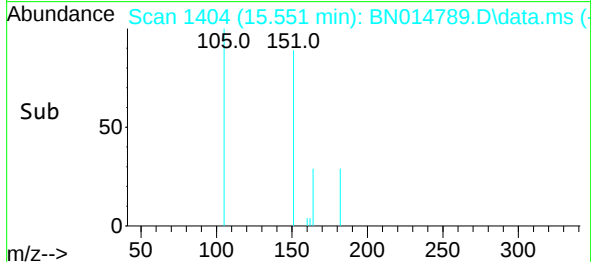
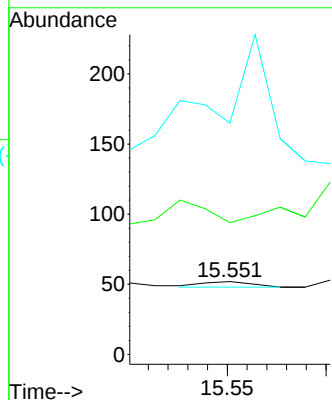
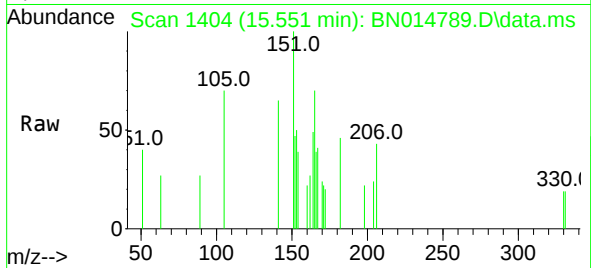




#20
4,6-Dinitro-2-methylphenol
Concen: 0.04 ng
RT: 15.551 min Scan# 1404
Delta R.T. 0.038 min
Lab File: BN014789.D
Acq: 27 May 2021 13:17

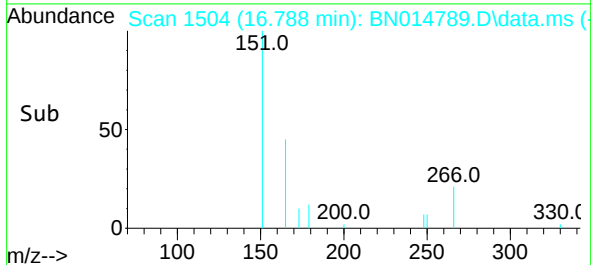
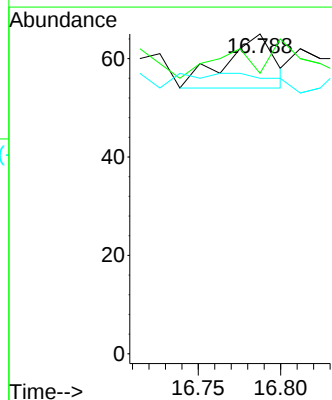
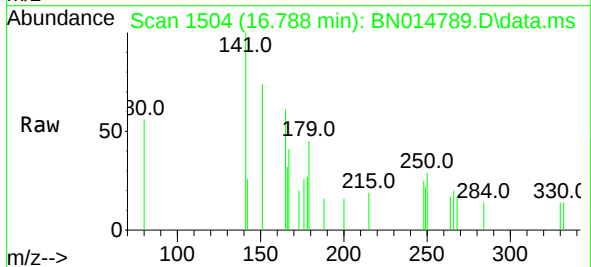
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-768-770

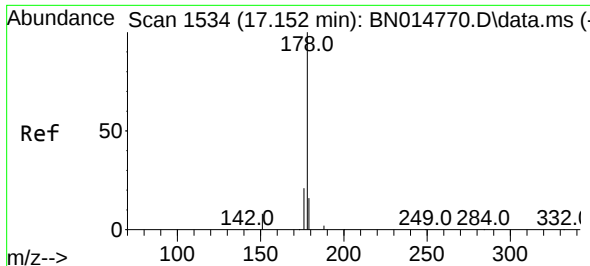
Tgt Ion:198 Resp: 7
Ion Ratio Lower Upper
198 100
51 180.8 96.4 144.6#
105 317.3 72.3 108.5#



#24
Pentachlorophenol
Concen: 0.03 ng
RT: 16.788 min Scan# 1504
Delta R.T. 0.013 min
Lab File: BN014789.D
Acq: 27 May 2021 13:17

Tgt Ion:266 Resp: 23
Ion Ratio Lower Upper
266 100
264 39.1 44.2 66.2#
268 0.0 44.2 66.2#

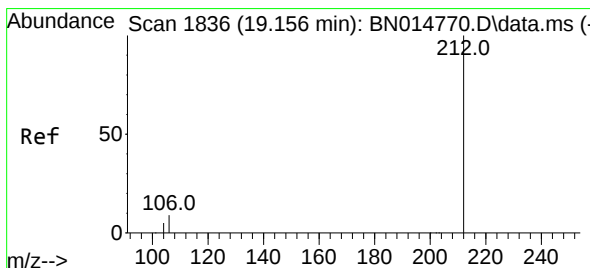
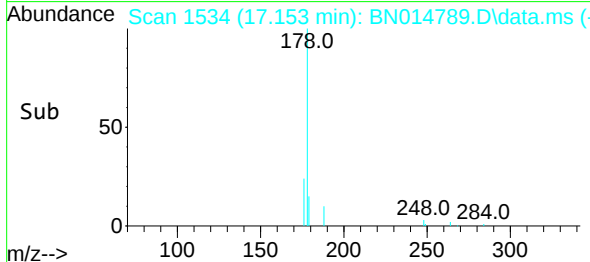
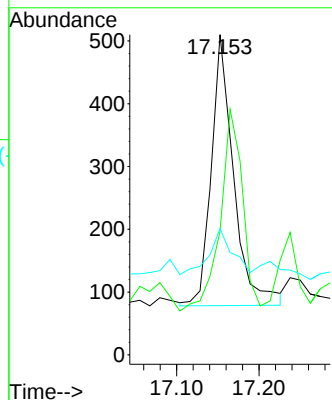
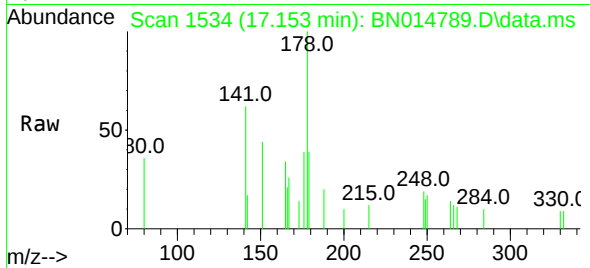




#25
Phenanthrene
Concen: 0.06 ng
RT: 17.153 min Scan# 1534
Delta R.T. 0.000 min
Lab File: BN014789.D
Acq: 27 May 2021 13:17

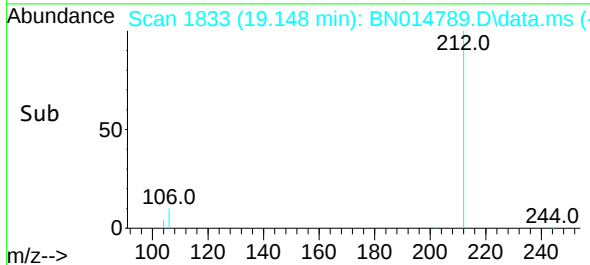
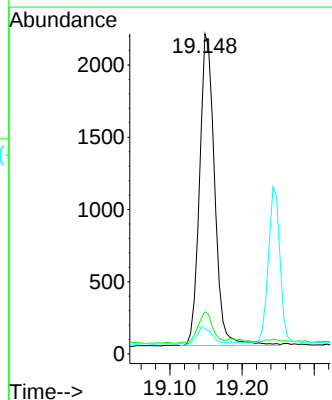
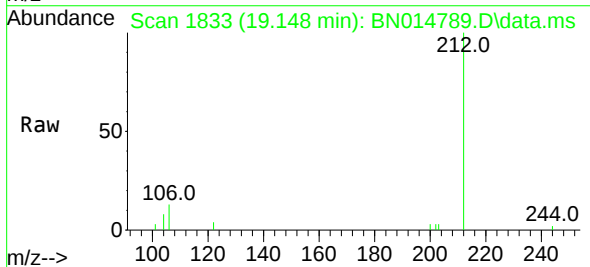
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-768-770

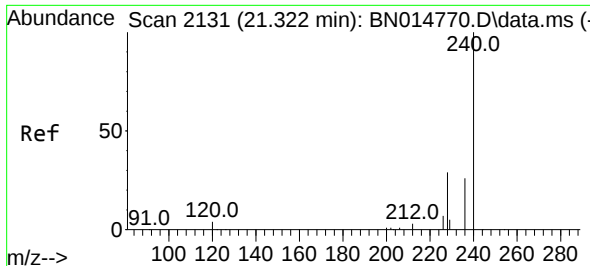
Tgt Ion:178 Resp: 814
Ion Ratio Lower Upper
178 100
176 74.0 16.0 24.0#
179 17.2 12.6 19.0



#27
Fluoranthene-d10
Concen: 0.19 ng
RT: 19.148 min Scan# 1833
Delta R.T. -0.007 min
Lab File: BN014789.D
Acq: 27 May 2021 13:17

Tgt Ion:212 Resp: 3132
Ion Ratio Lower Upper
212 100
106 9.6 7.4 11.2
104 5.3 4.1 6.1

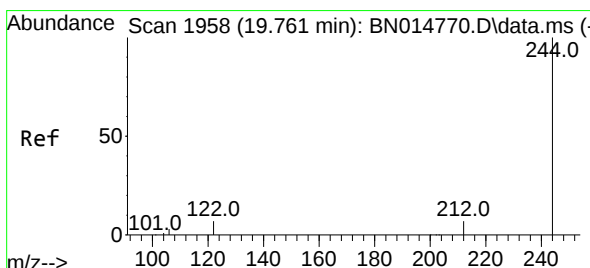
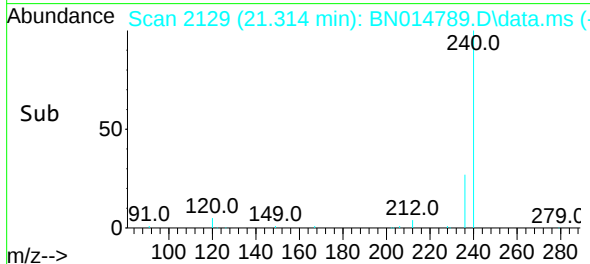
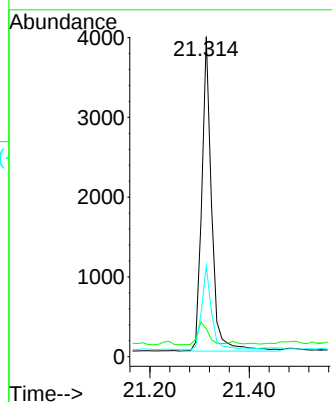
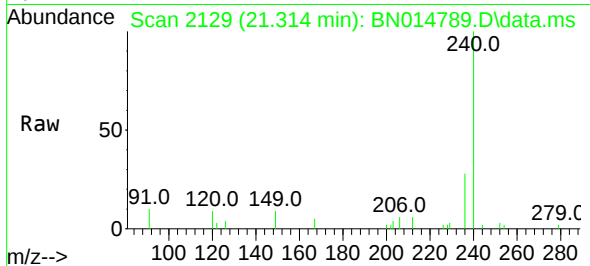




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.314 min Scan# 2129
Delta R.T. -0.008 min
Lab File: BN014789.D
Acq: 27 May 2021 13:17

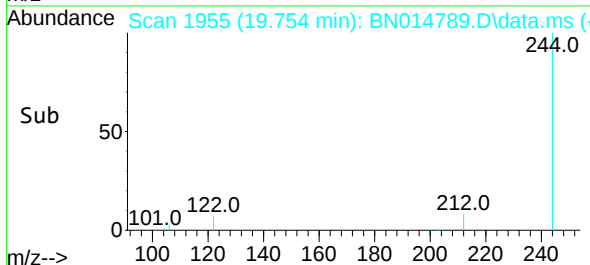
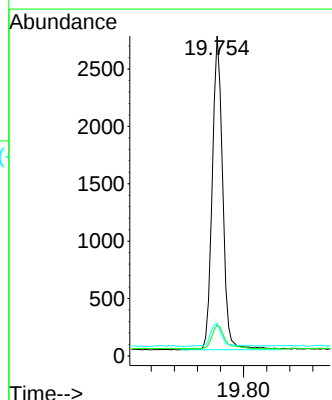
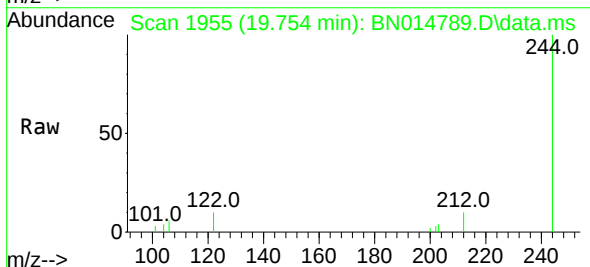
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-768-770

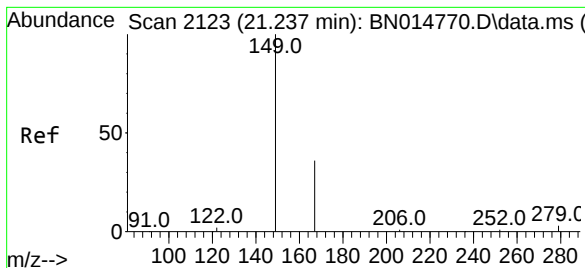
Tgt Ion:240 Resp: 5425
Ion Ratio Lower Upper
240 100
120 8.8 5.2 7.8#
236 28.3 21.6 32.4



#31
Terphenyl-d14
Concen: 0.27 ng
RT: 19.754 min Scan# 1955
Delta R.T. -0.007 min
Lab File: BN014789.D
Acq: 27 May 2021 13:17

Tgt Ion:244 Resp: 3425
Ion Ratio Lower Upper
244 100
212 9.7 6.8 10.2
122 10.2 6.6 9.8#

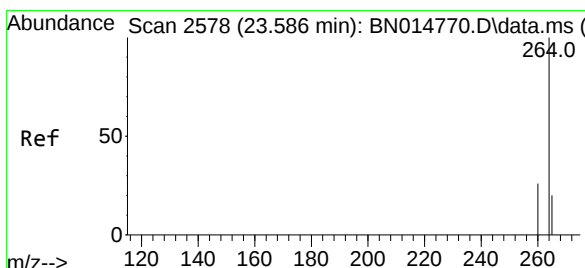
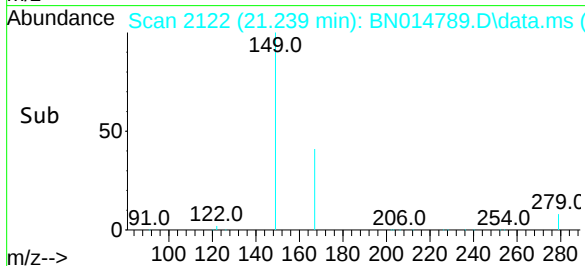
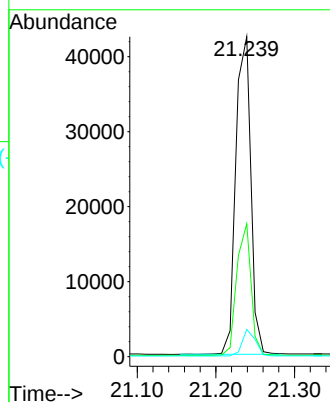
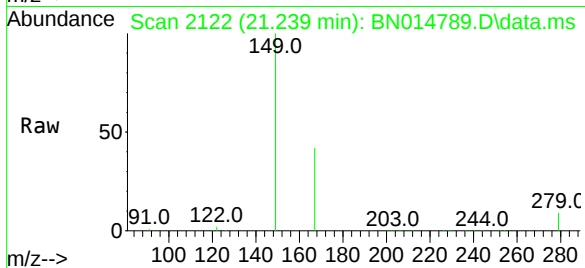




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 12.01 ng
 RT: 21.239 min Scan# 2122
 Delta R.T. 0.002 min
 Lab File: BN014789.D
 Acq: 27 May 2021 13:17

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW8-GW-768-770

Tgt Ion:149 Resp: 56280
 Ion Ratio Lower Upper
 149 100
 167 39.4 28.3 42.5
 279 7.4 5.5 8.3



#35
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.581 min Scan# 2575
 Delta R.T. -0.004 min
 Lab File: BN014789.D
 Acq: 27 May 2021 13:17

Tgt Ion:264 Resp: 5686
 Ion Ratio Lower Upper
 264 100
 260 25.5 21.4 32.2
 265 46.4 40.9 61.3

