

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062622\
 Data File : BN020494.D
 Acq On : 27 Jun 2022 11:10
 Operator : CG/JU
 Sample : N3354-23
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 28 00:33:54 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 02:03:21 2022
 Response via : Initial Calibration

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

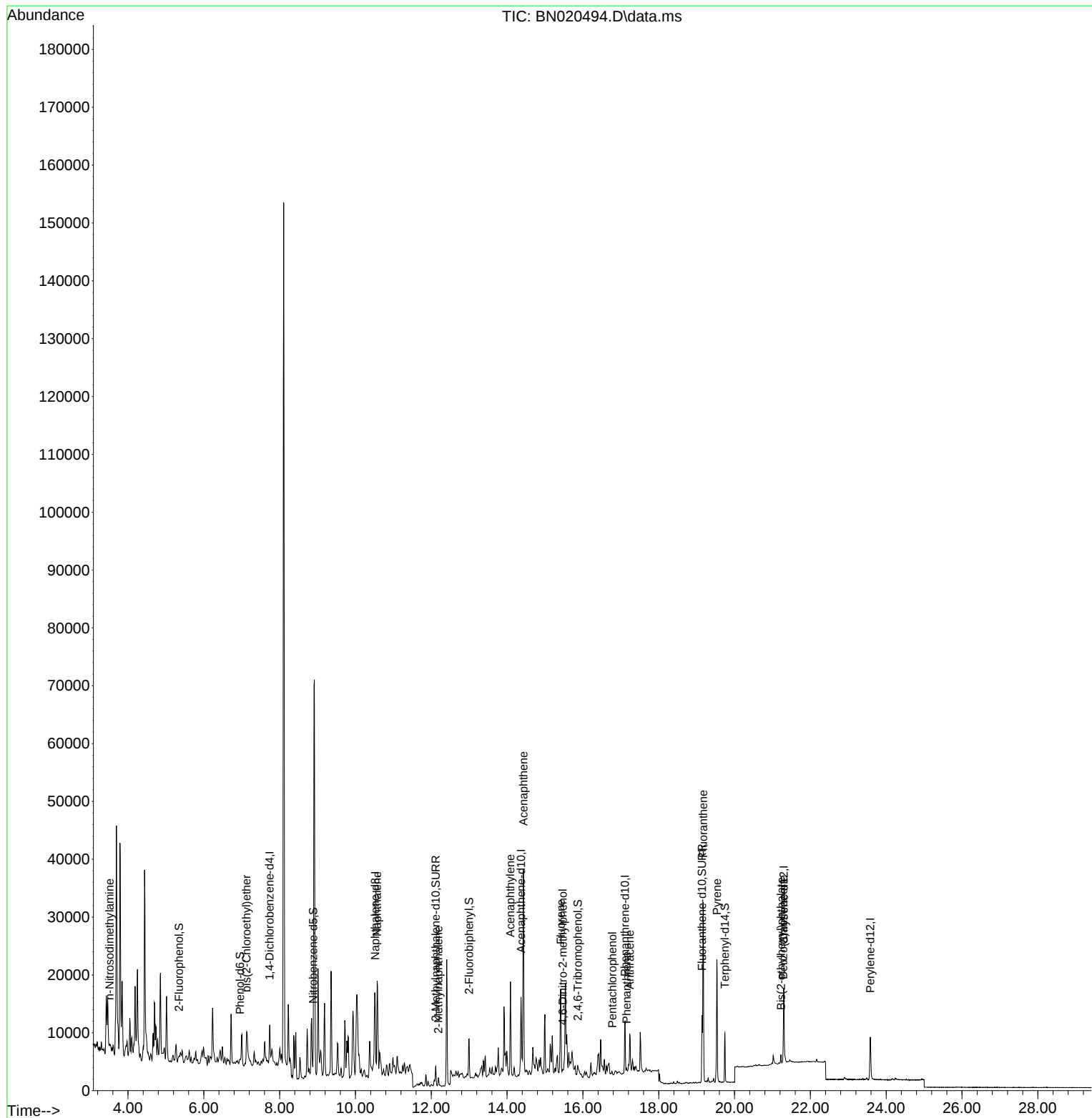
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.739	152	3009	0.400	ng	0.00
7) Naphthalene-d8	10.520	136	9909	0.400	ng	# 0.00
13) Acenaphthene-d10	14.367	164	7043	0.400	ng	# 0.00
19) Phenanthrene-d10	17.113	188	12696	0.400	ng	0.00
29) Chrysene-d12	21.297	240	11526	0.400	ng	0.00
35) Perylene-d12	23.583	264	10387	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	1286	0.154	ng	0.00
5) Phenol-d6	6.952	99	1021	0.102	ng	0.00
8) Nitrobenzene-d5	8.886	82	1844	0.230	ng	-0.01
11) 2-Methylnaphthalene-d10	12.117	152	4860	0.286	ng	0.00
14) 2,4,6-Tribromophenol	15.861	330	779	0.294	ng	0.00
15) 2-Fluorobiphenyl	12.998	172	6728	0.231	ng	0.00
27) Fluoranthene-d10	19.143	212	12474	0.331	ng	0.00
31) Terphenyl-d14	19.746	244	9318	0.338	ng	0.00
Target Compounds						
						Qvalue
3) n-Nitrosodimethylamine	3.514	42	177	0.049	ng	# 10
6) bis(2-Chloroethyl)ether	7.125	93	326	0.038	ng	# 1
9) Naphthalene	10.573	128	5335	0.180	ng	# 1
12) 2-Methylnaphthalene	12.189	142	1159	0.059	ng	# 79
16) Acenaphthylene	14.089	152	2068	0.061	ng	# 6
17) Acenaphthene	14.431	154	17981	0.781	ng	97
18) Fluorene	15.415	166	5953	0.198	ng	# 95
20) 4,6-Dinitro-2-methylph...	15.468	198	328	0.357	ng	# 55
24) Pentachlorophenol	16.774	266	19	0.191	ng	# 18
25) Phenanthrene	17.154	178	879	0.021	ng	# 89
26) Anthracene	17.236	178	8096	0.219	ng	# 89
28) Fluoranthene	19.173	202	29158	0.624	ng	100
30) Pyrene	19.535	202	19599	0.402	ng	# 94
32) Benzo(a)anthracene	21.288	228	1515	0.037	ng	# 77
34) Bis(2-ethylhexyl)phtha...	21.225	149	1521	0.066	ng	# 98

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

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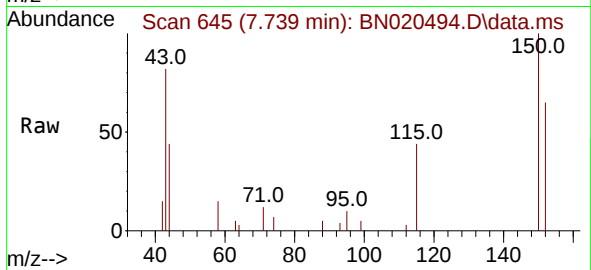
Quant Time: Jun 28 00:33:54 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062622.M
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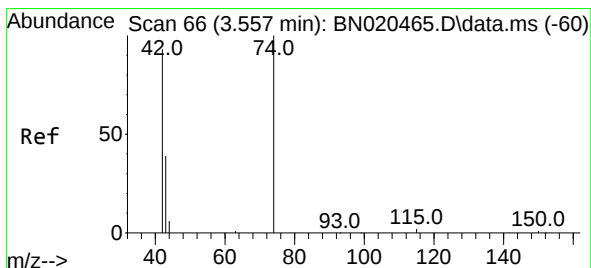
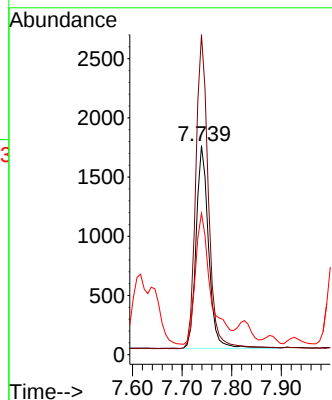
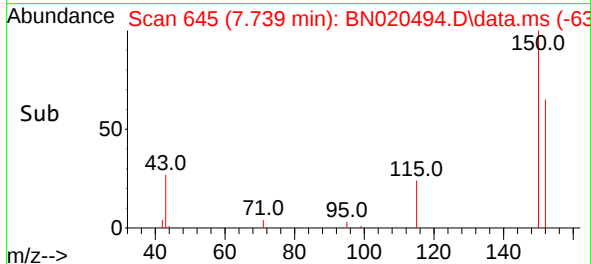


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.739 min Scan# 64
Delta R.T. -0.000 min
Lab File: BN020494.D
Acq: 27 Jun 2022 11:10

Instrument :
BNA_N
ClientSampleId :

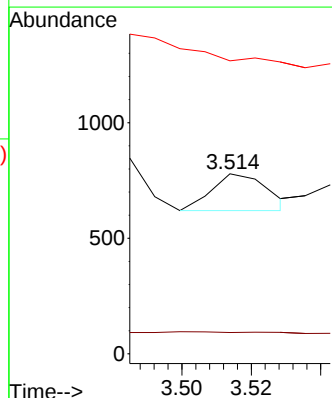
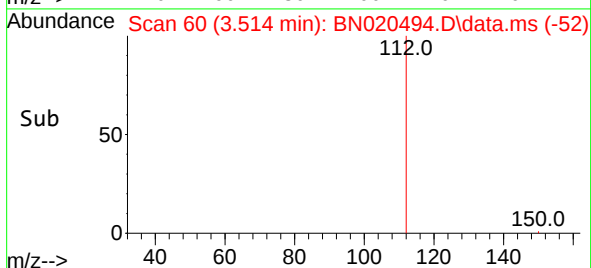
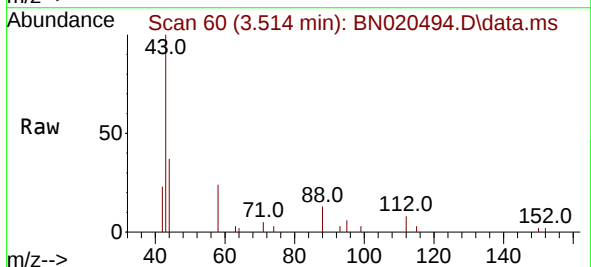


Tgt Ion:152 Resp: 3009
Ion Ratio Lower Upper
152 100
150 153.1 127.9 191.9
115 67.6 51.4 77.2



#3
n-Nitrosodimethylamine
Concen: 0.049 ng
RT: 3.514 min Scan# 60
Delta R.T. -0.043 min
Lab File: BN020494.D
Acq: 27 Jun 2022 11:10

Tgt Ion: 42 Resp: 177
Ion Ratio Lower Upper
42 100
74 5.6 84.0 126.0#
44 0.0 9.8 14.8#

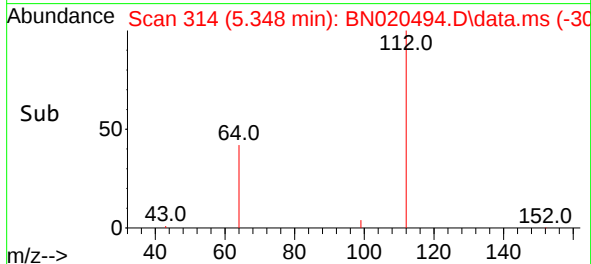
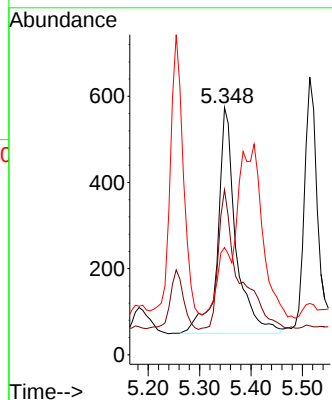
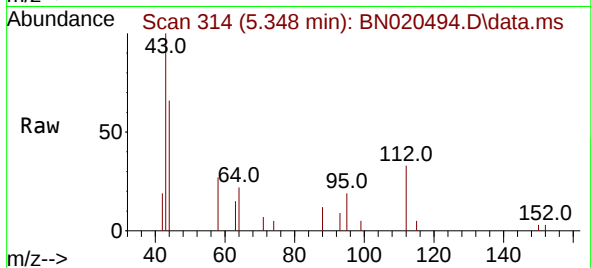




#4
2-Fluorophenol
Concen: 0.154 ng
RT: 5.348 min Scan# 314
Delta R.T. 0.000 min
Lab File: BN020494.D
Acq: 27 Jun 2022 11:10

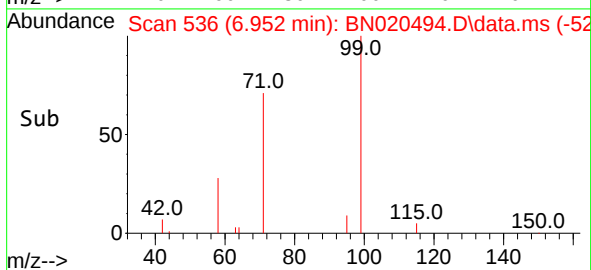
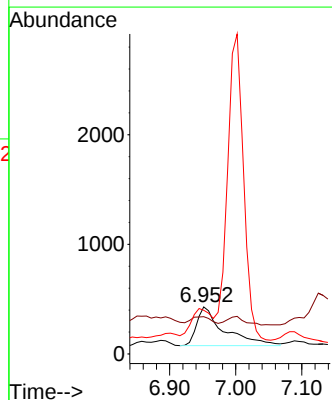
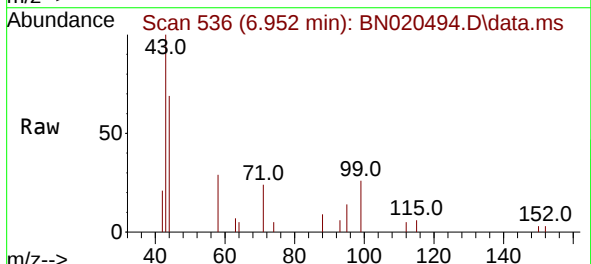
Instrument :
BNA_N
ClientSampleId :

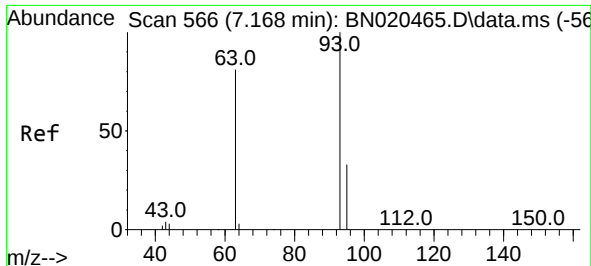
Tgt Ion:112 Resp: 1286
Ion Ratio Lower Upper
112 100
64 70.0 49.1 73.7
63 23.6 26.3 39.5#



#5
Phenol-d6
Concen: 0.102 ng
RT: 6.952 min Scan# 536
Delta R.T. 0.007 min
Lab File: BN020494.D
Acq: 27 Jun 2022 11:10

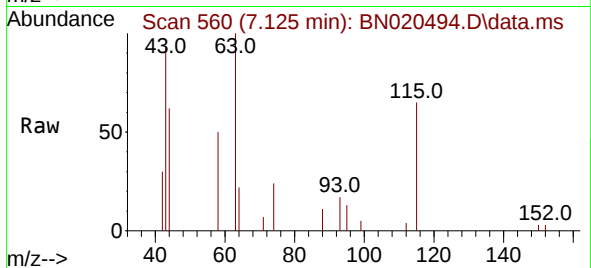
Tgt Ion: 99 Resp: 1021
Ion Ratio Lower Upper
99 100
42 11.4 19.3 28.9#
71 51.1 27.5 41.3#



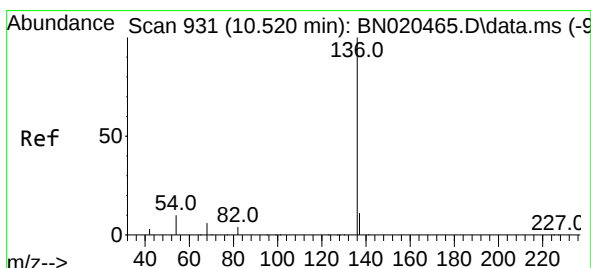
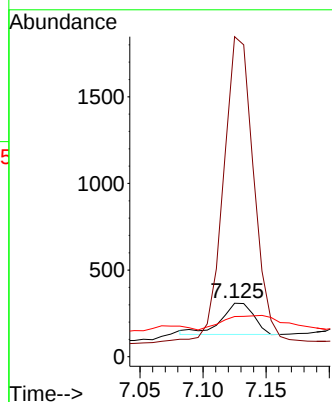
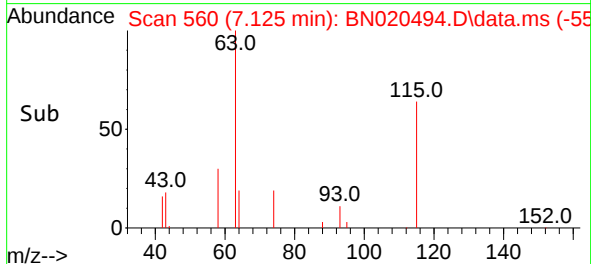


#6
bis(2-Chloroethyl)ether
Concen: 0.038 ng
RT: 7.125 min Scan# 566
Delta R.T. -0.043 min
Lab File: BN020494.D
Acq: 27 Jun 2022 11:10

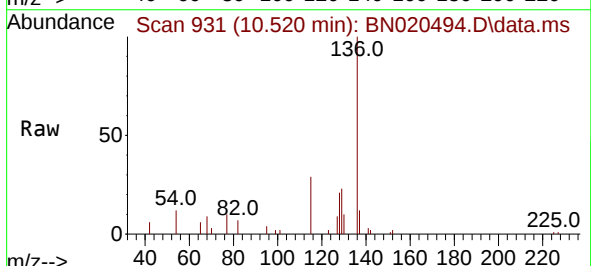
Instrument :
BNA_N
ClientSampleId :



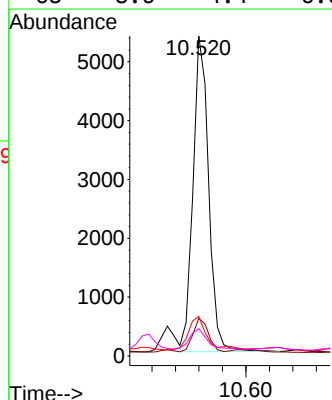
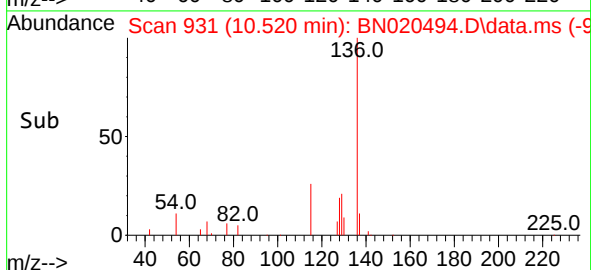
Tgt Ion: 93 Resp: 326
Ion Ratio Lower Upper
93 100
63 891.1 67.4 101.0#
95 0.0 26.5 39.7#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.520 min Scan# 931
Delta R.T. 0.000 min
Lab File: BN020494.D
Acq: 27 Jun 2022 11:10



Tgt Ion: 136 Resp: 9909
Ion Ratio Lower Upper
136 100
137 11.7 9.0 13.6
54 12.4 6.2 9.2#
68 8.6 4.4 6.6#

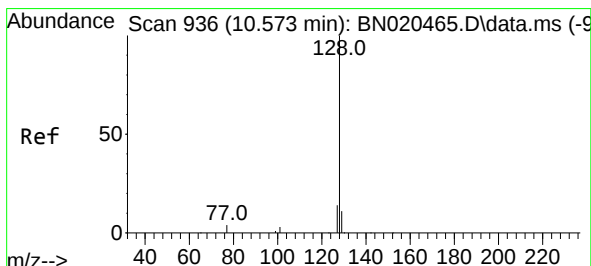
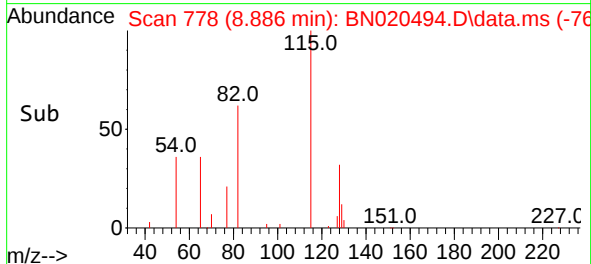
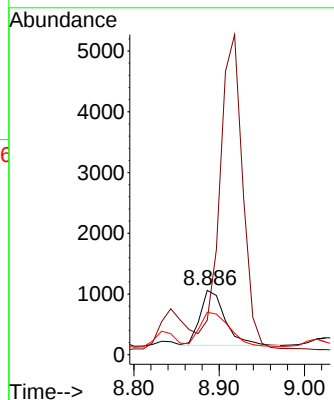
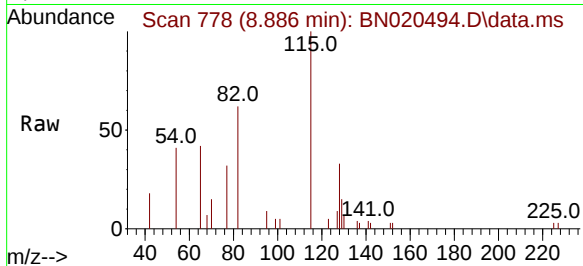




#8
Nitrobenzene-d5
Concen: 0.230 ng
RT: 8.886 min Scan# 71
Delta R.T. -0.011 min
Lab File: BN020494.D
Acq: 27 Jun 2022 11:10

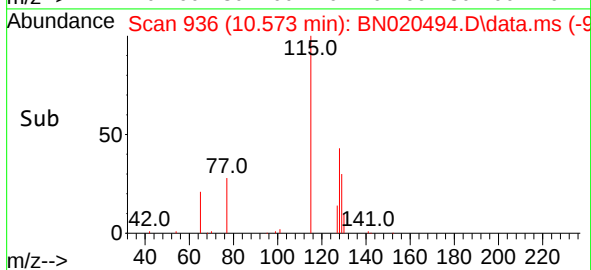
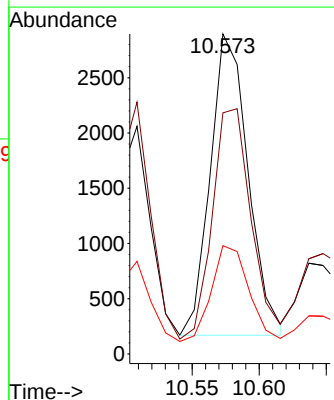
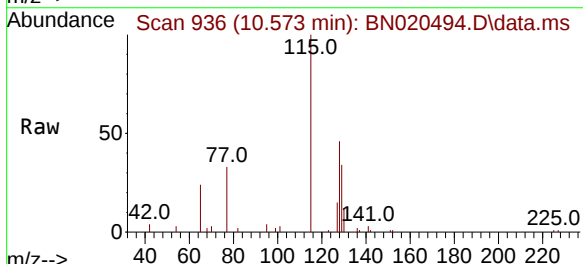
Instrument :
BNA_N
ClientSampleId :

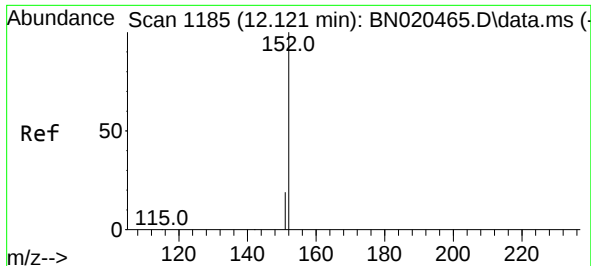
Tgt Ion: 82 Resp: 1844
Ion Ratio Lower Upper
82 100
128 53.4 35.0 52.6#
54 65.8 46.2 69.4



#9
Naphthalene
Concen: 0.180 ng
RT: 10.573 min Scan# 936
Delta R.T. 0.000 min
Lab File: BN020494.D
Acq: 27 Jun 2022 11:10

Tgt Ion: 128 Resp: 5335
Ion Ratio Lower Upper
128 100
129 75.3 8.9 13.3#
127 33.8 10.8 16.2#

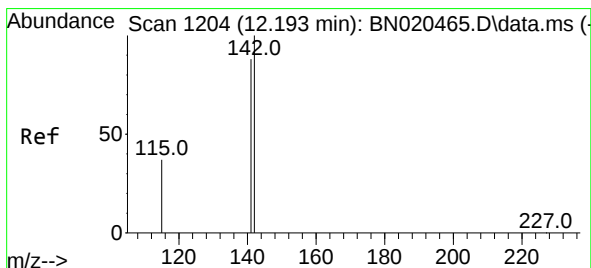
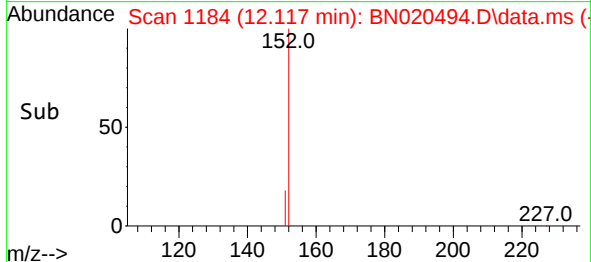
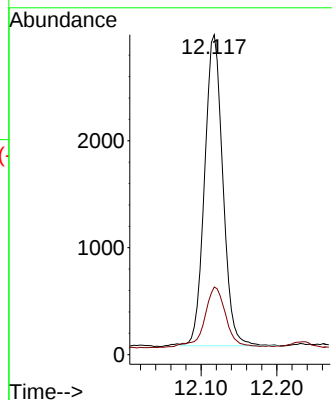
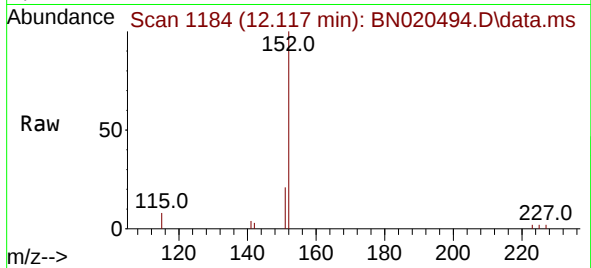




#11
2-Methylnaphthalene-d10
Concen: 0.286 ng
RT: 12.117 min Scan# 1184
Delta R.T. -0.004 min
Lab File: BN020494.D
Acq: 27 Jun 2022 11:10

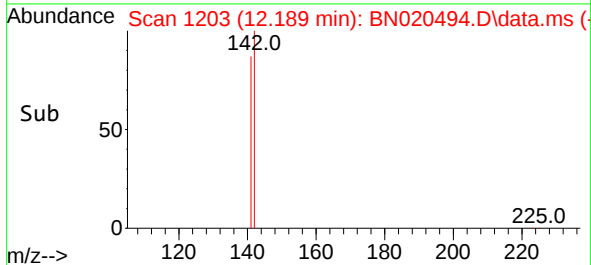
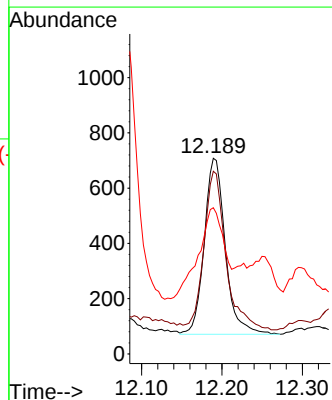
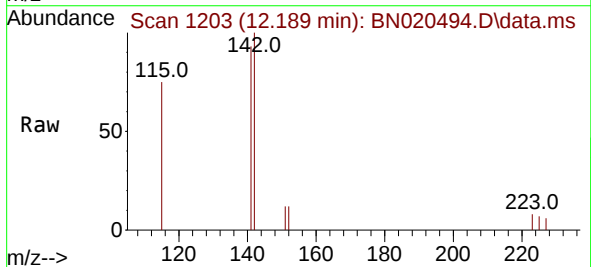
Instrument :
BNA_N
ClientSampleId :

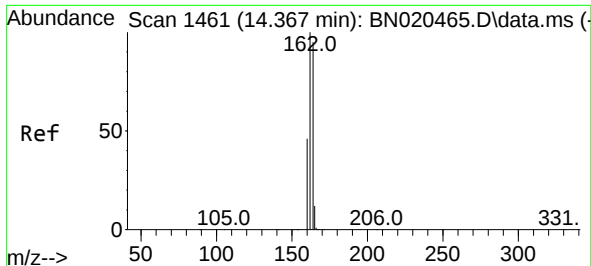
Tgt Ion:152 Resp: 4860
Ion Ratio Lower Upper
152 100
151 23.3 16.2 24.4



#12
2-Methylnaphthalene
Concen: 0.059 ng
RT: 12.189 min Scan# 1203
Delta R.T. -0.004 min
Lab File: BN020494.D
Acq: 27 Jun 2022 11:10

Tgt Ion:142 Resp: 1159
Ion Ratio Lower Upper
142 100
141 93.4 71.6 107.4
115 74.7 29.8 44.8#

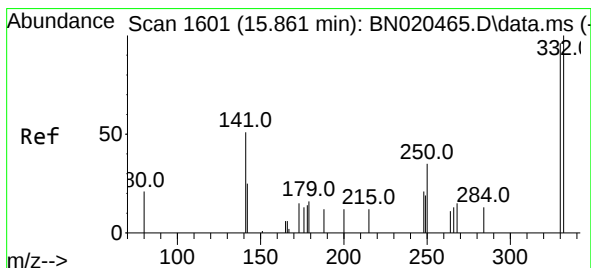
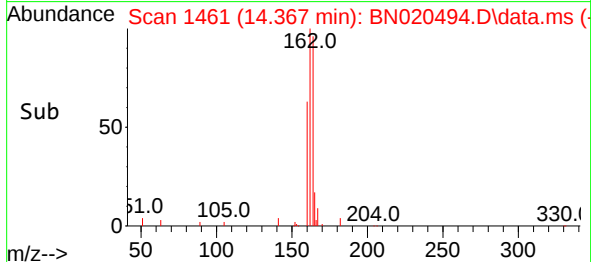
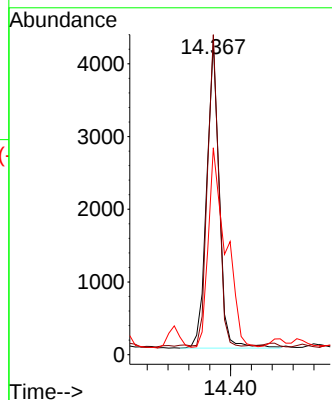
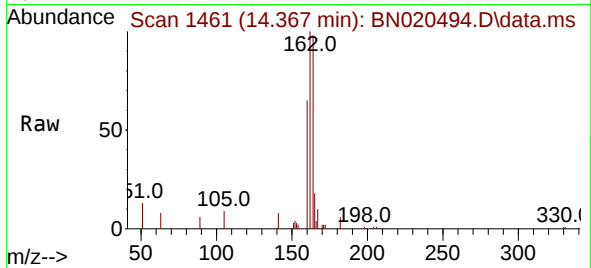




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.367 min Scan# 1461
 Delta R.T. 0.000 min
 Lab File: BN020494.D
 Acq: 27 Jun 2022 11:10

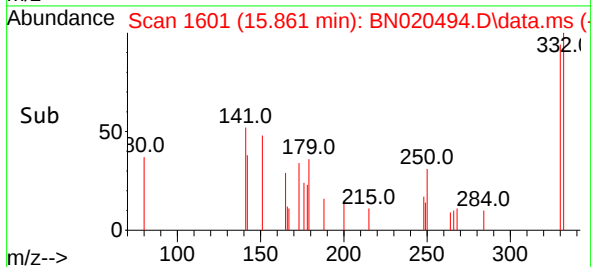
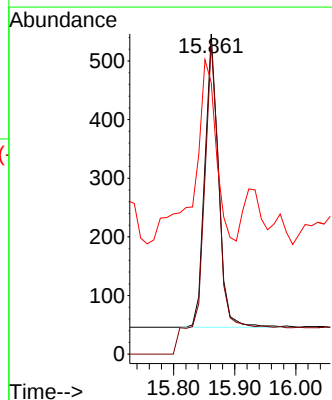
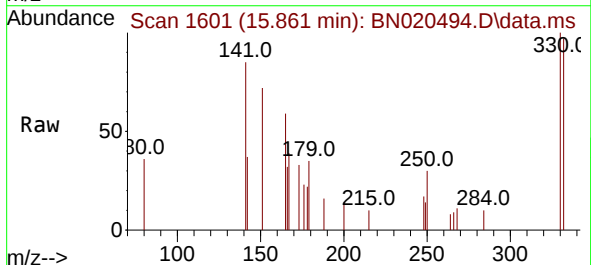
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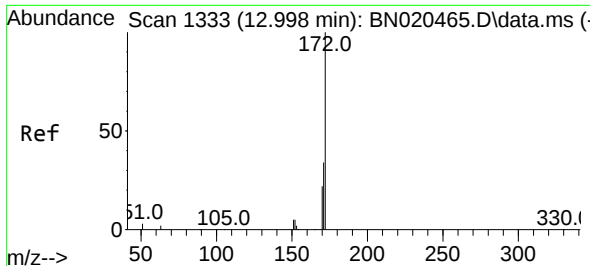
Tgt Ion:164 Resp: 7043
 Ion Ratio Lower Upper
 164 100
 162 102.4 82.1 123.1
 160 66.2 38.6 58.0#



#14
 2,4,6-Tribromophenol
 Concen: 0.294 ng
 RT: 15.861 min Scan# 1601
 Delta R.T. 0.000 min
 Lab File: BN020494.D
 Acq: 27 Jun 2022 11:10

Tgt Ion:330 Resp: 779
 Ion Ratio Lower Upper
 330 100
 332 153.3 77.6 116.4#
 141 91.8 41.0 61.4#

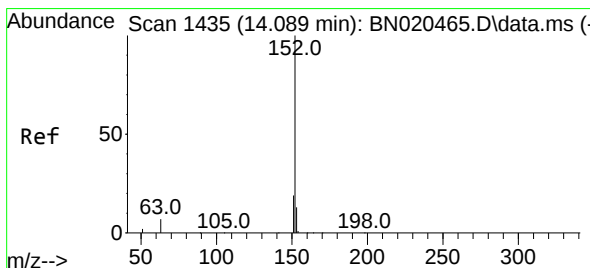
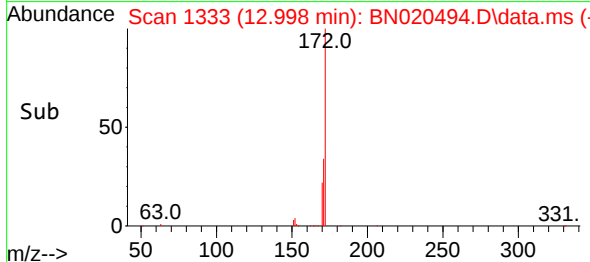
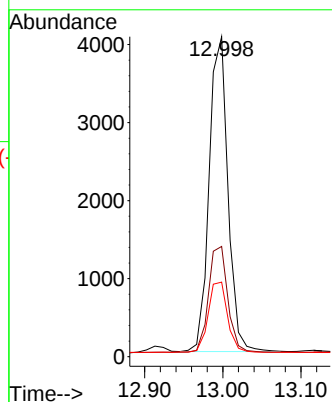
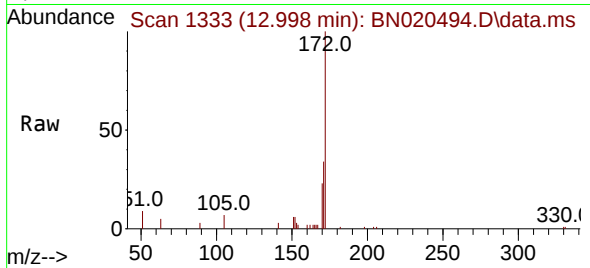




#15
2-Fluorobiphenyl
Concen: 0.231 ng
RT: 12.998 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BN020494.D
Acq: 27 Jun 2022 11:10

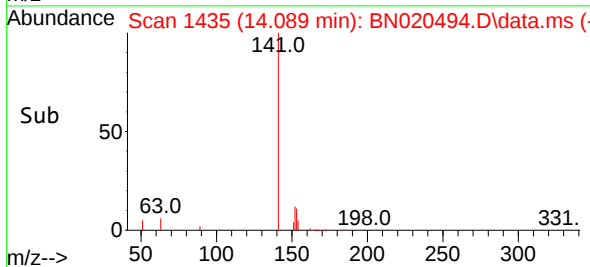
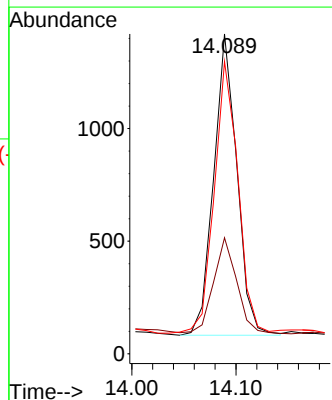
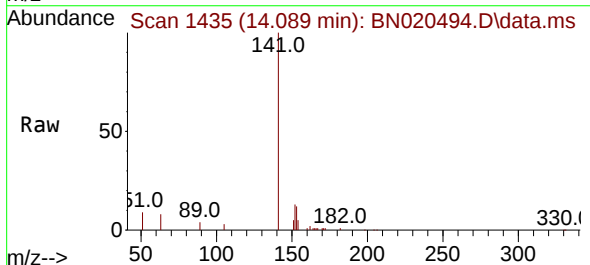
Instrument :
BNA_N
ClientSampleId :

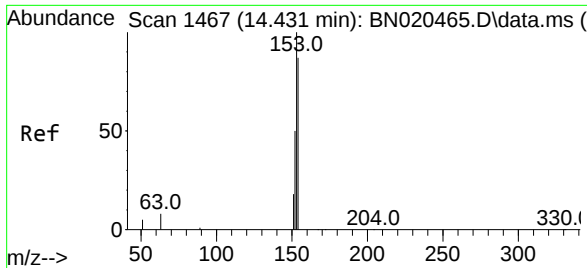
Tgt Ion:172 Resp: 6728
Ion Ratio Lower Upper
172 100
171 34.5 27.2 40.8
170 23.3 18.2 27.4



#16
Acenaphthylene
Concen: 0.061 ng
RT: 14.089 min Scan# 1435
Delta R.T. 0.000 min
Lab File: BN020494.D
Acq: 27 Jun 2022 11:10

Tgt Ion:152 Resp: 2068
Ion Ratio Lower Upper
152 100
151 32.4 16.2 24.4#
153 92.3 10.7 16.1#

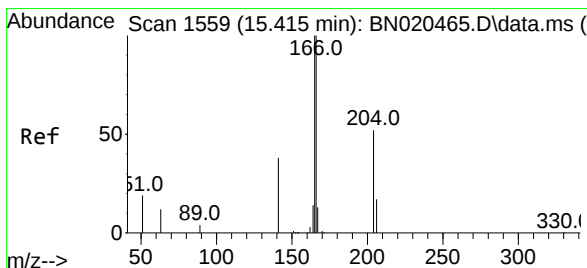
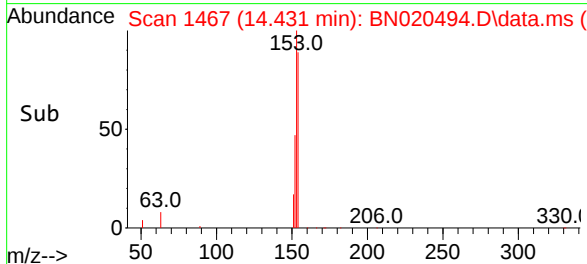
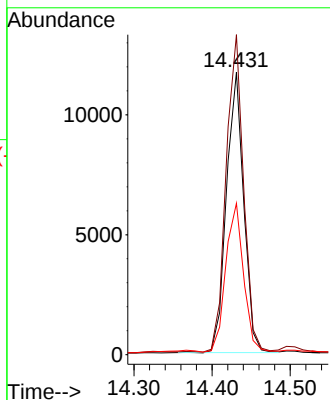
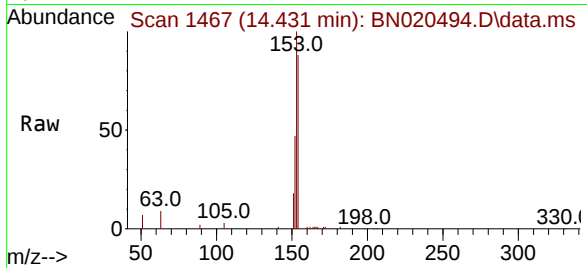




#17
Acenaphthene
Concen: 0.781 ng
RT: 14.431 min Scan# 1467
Delta R.T. 0.000 min
Lab File: BN020494.D
Acq: 27 Jun 2022 11:10

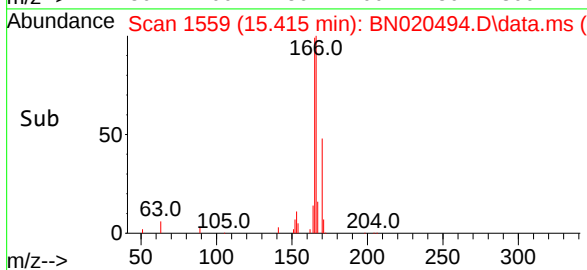
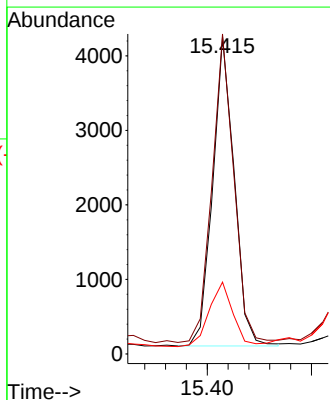
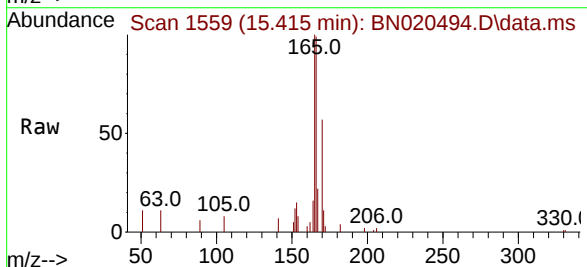
Instrument :
BNA_N
ClientSampleId :

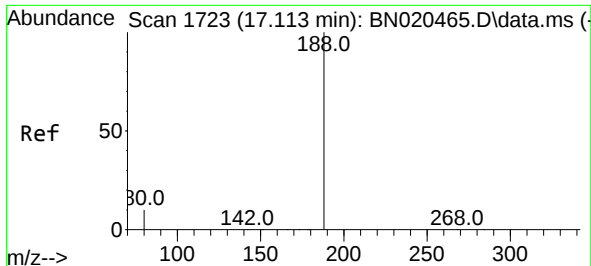
Tgt Ion:154 Resp: 17981
Ion Ratio Lower Upper
154 100
153 113.5 87.5 131.3
152 54.7 43.8 65.6



#18
Fluorene
Concen: 0.198 ng
RT: 15.415 min Scan# 1559
Delta R.T. 0.000 min
Lab File: BN020494.D
Acq: 27 Jun 2022 11:10

Tgt Ion:166 Resp: 5953
Ion Ratio Lower Upper
166 100
165 100.5 78.6 118.0
167 23.1 10.8 16.2#

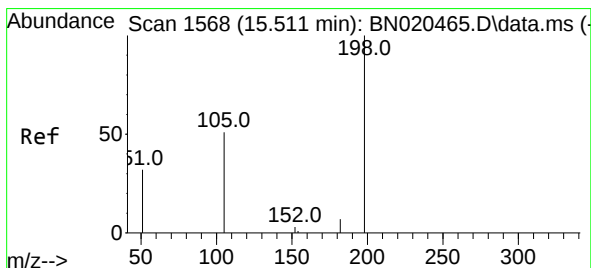
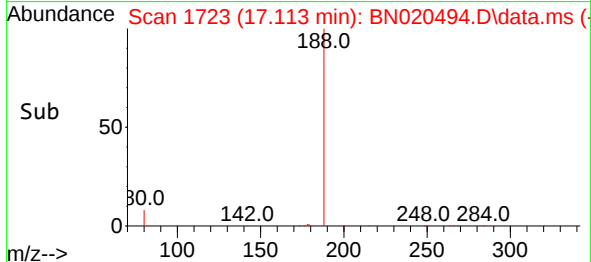
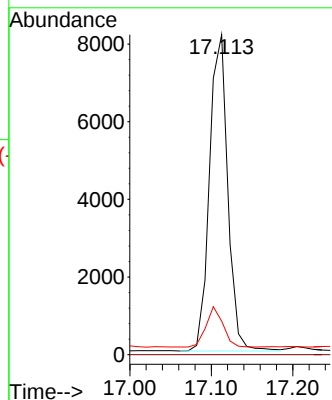
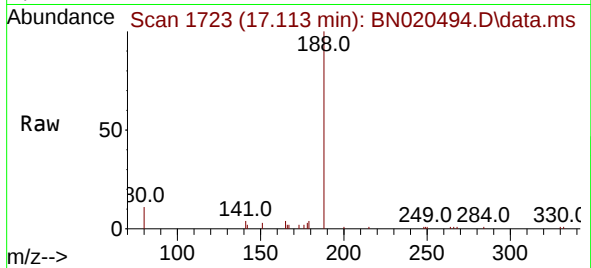




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.113 min Scan# 1723
Delta R.T. -0.000 min
Lab File: BN020494.D
Acq: 27 Jun 2022 11:10

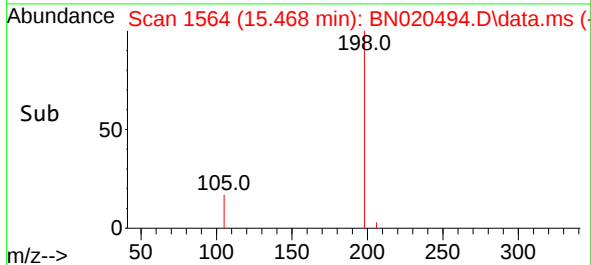
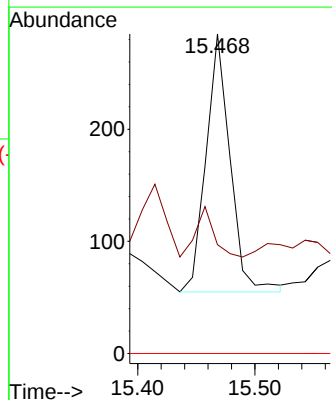
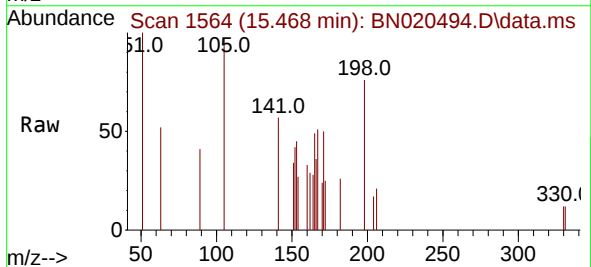
Instrument :
BNA_N
ClientSampleId :

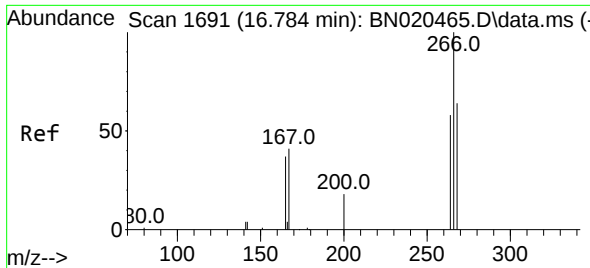
Tgt Ion:188 Resp: 12696
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.5 7.4 11.2



#20
4,6-Dinitro-2-methylphenol
Concen: 0.357 ng
RT: 15.468 min Scan# 1564
Delta R.T. -0.043 min
Lab File: BN020494.D
Acq: 27 Jun 2022 11:10

Tgt Ion:198 Resp: 328
Ion Ratio Lower Upper
198 100
182 34.0 12.1 18.1#
77 0.0 0.0 0.0

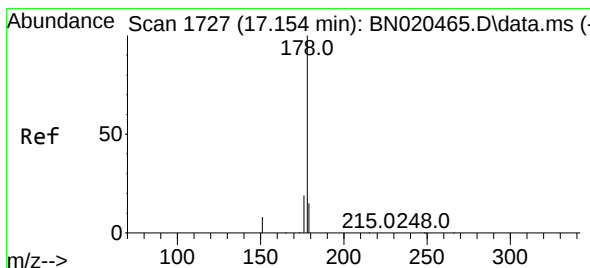
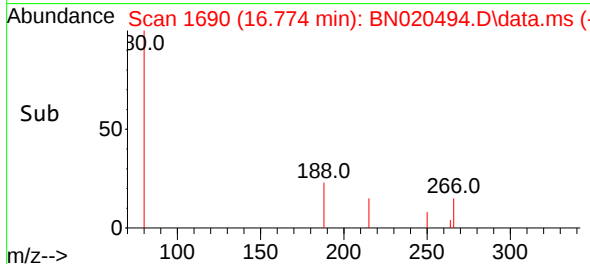
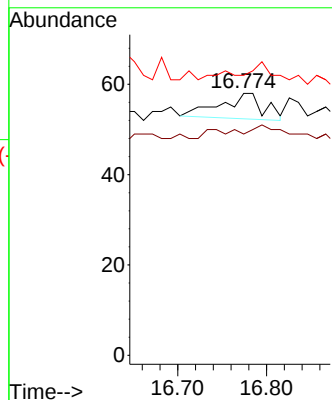
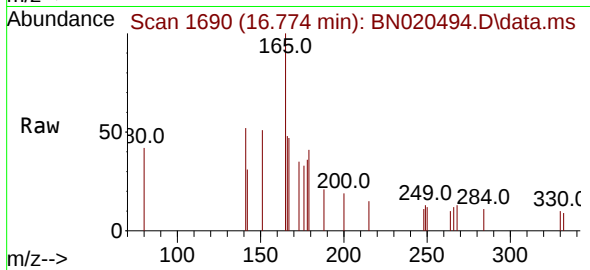




#24
Pentachlorophenol
Concen: 0.191 ng
RT: 16.774 min Scan# 1690
Delta R.T. -0.010 min
Lab File: BN020494.D
Acq: 27 Jun 2022 11:10

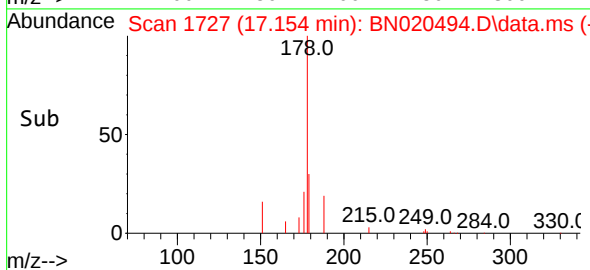
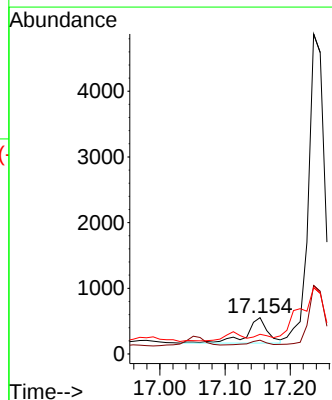
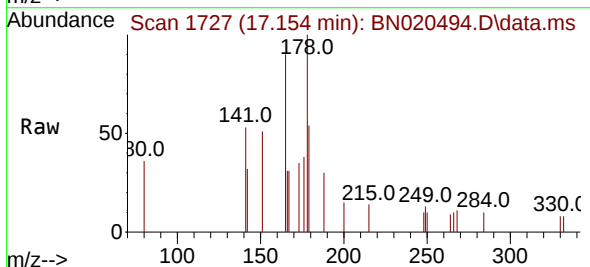
Instrument :
BNA_N
ClientSampleId :

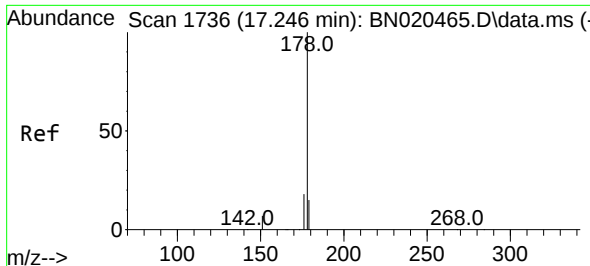
Tgt Ion:266 Resp: 19
Ion Ratio Lower Upper
266 100
264 0.0 51.3 76.9#
268 0.0 52.6 79.0#



#25
Phenanthrene
Concen: 0.021 ng
RT: 17.154 min Scan# 1727
Delta R.T. 0.000 min
Lab File: BN020494.D
Acq: 27 Jun 2022 11:10

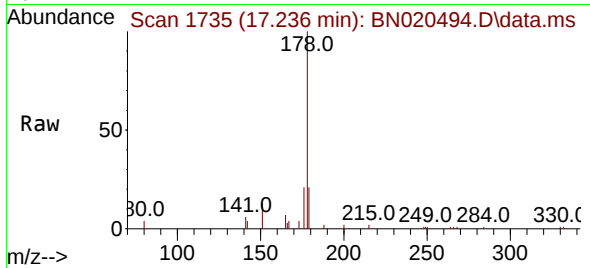
Tgt Ion:178 Resp: 879
Ion Ratio Lower Upper
178 100
176 15.2 15.3 22.9#
179 9.2 12.2 18.4#



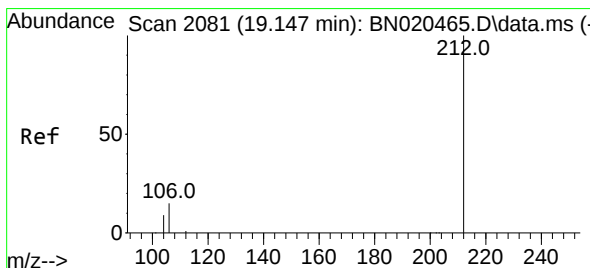
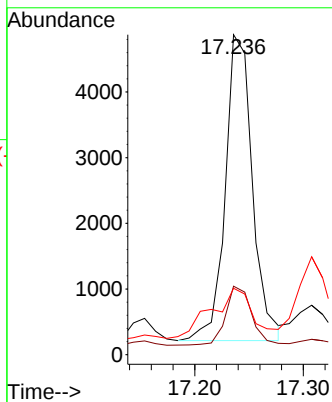
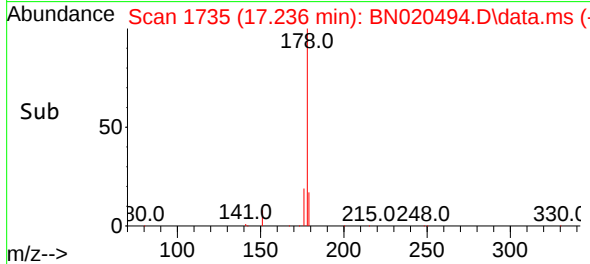


#26
 Anthracene
 Concen: 0.219 ng
 RT: 17.236 min Scan# 1735
 Delta R.T. -0.010 min
 Lab File: BN020494.D
 Acq: 27 Jun 2022 11:10

Instrument :
 BNA_N
 ClientSampleId :

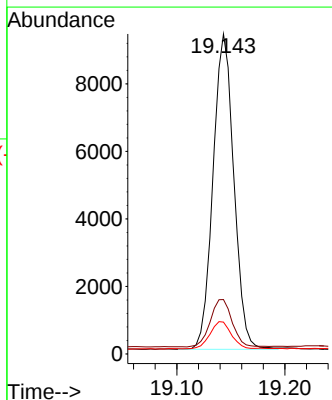
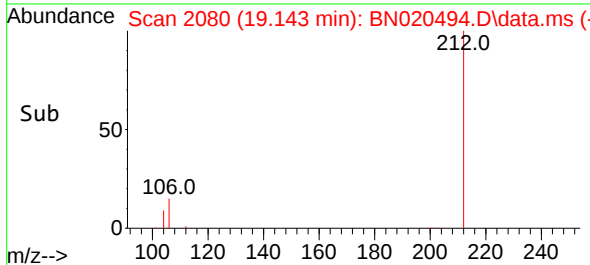
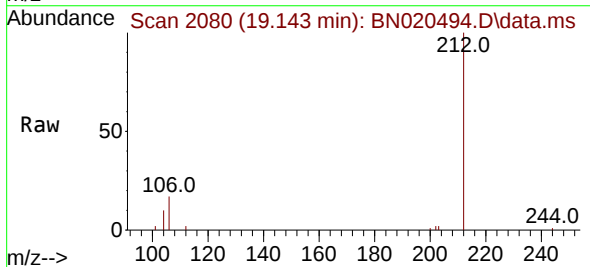


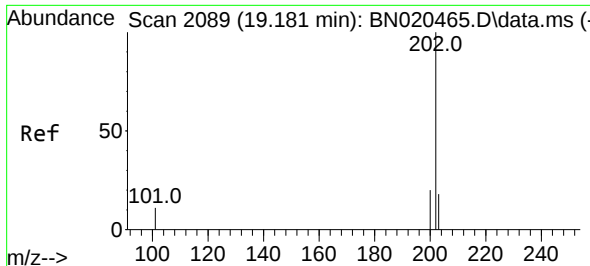
Tgt Ion:178 Resp: 8096
 Ion Ratio Lower Upper
 178 100
 176 18.5 14.9 22.3
 179 25.4 12.2 18.4#



#27
 Fluoranthene-d10
 Concen: 0.331 ng
 RT: 19.143 min Scan# 2080
 Delta R.T. -0.004 min
 Lab File: BN020494.D
 Acq: 27 Jun 2022 11:10

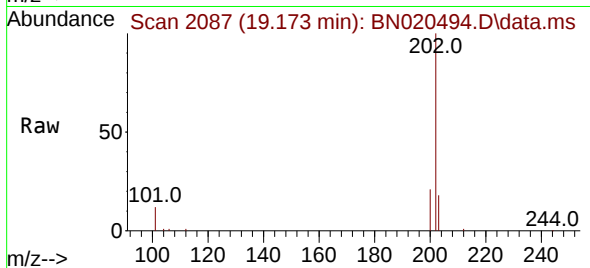
Tgt Ion:212 Resp: 12474
 Ion Ratio Lower Upper
 212 100
 106 15.6 12.6 19.0
 104 8.9 7.2 10.8



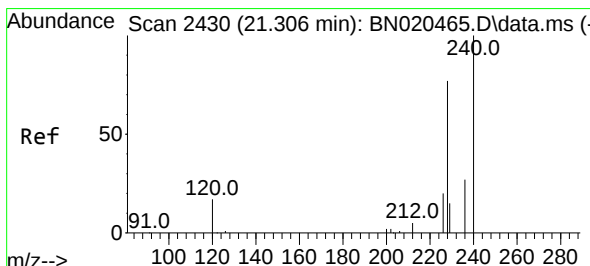
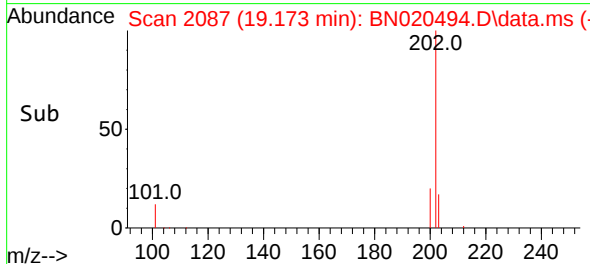
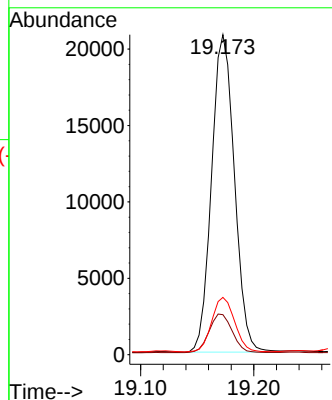


#28
Fluoranthene
Concen: 0.624 ng
RT: 19.173 min Scan# 2087
Delta R.T. -0.008 min
Lab File: BN020494.D
Acq: 27 Jun 2022 11:10

Instrument :
BNA_N
ClientSampleId :

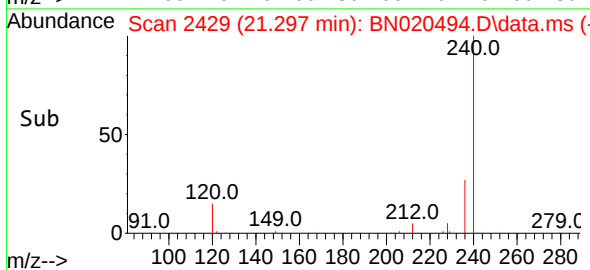
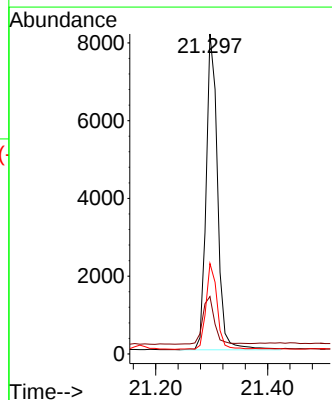
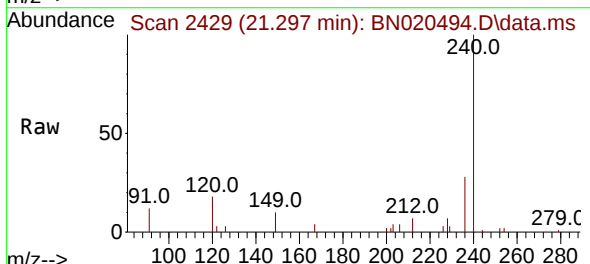


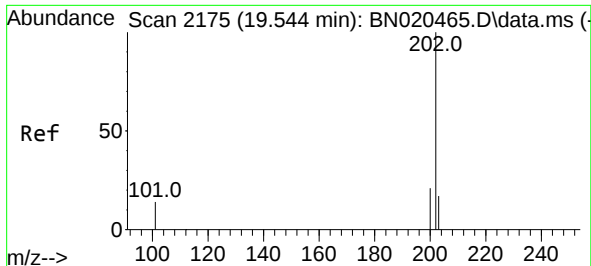
Tgt Ion:202 Resp: 29158
Ion Ratio Lower Upper
202 100
101 12.3 9.6 14.4
203 17.0 13.5 20.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.297 min Scan# 2429
Delta R.T. -0.009 min
Lab File: BN020494.D
Acq: 27 Jun 2022 11:10

Tgt Ion:240 Resp: 11526
Ion Ratio Lower Upper
240 100
120 17.9 14.6 21.8
236 28.2 22.6 33.8

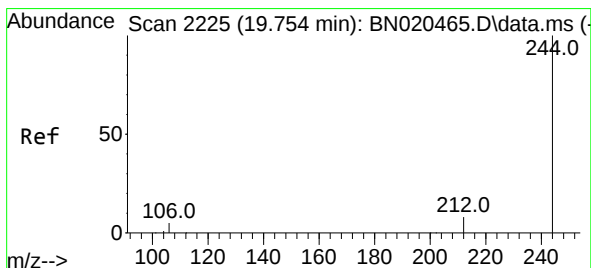
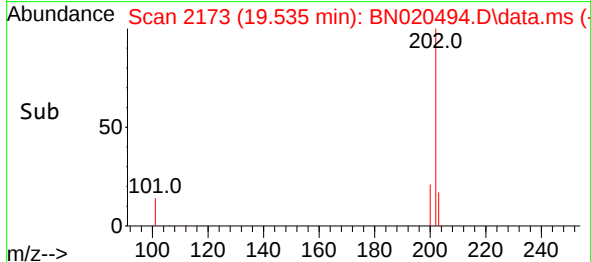
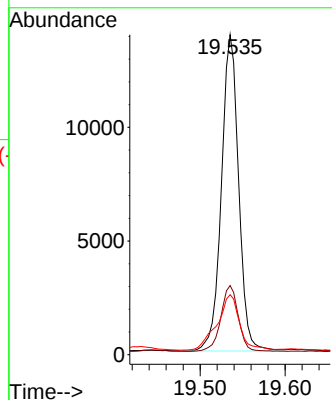
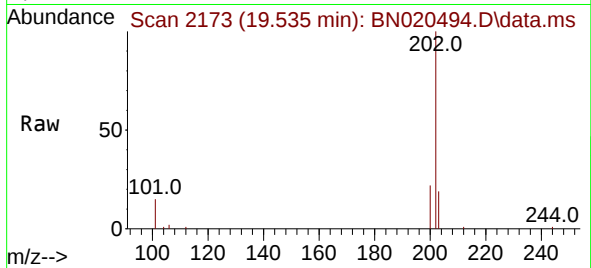




#30
Pyrene
Concen: 0.402 ng
RT: 19.535 min Scan# 2173
Delta R.T. -0.008 min
Lab File: BN020494.D
Acq: 27 Jun 2022 11:10

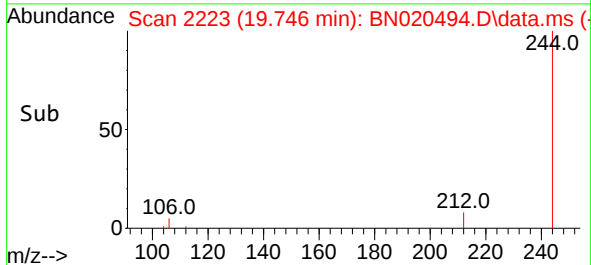
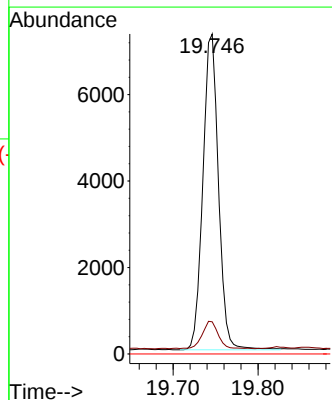
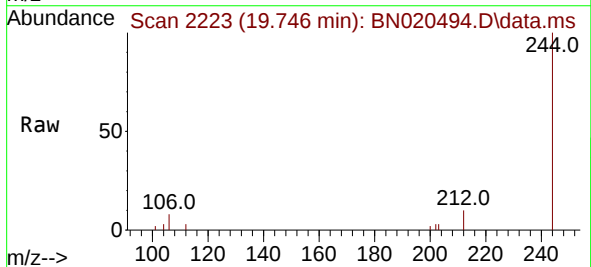
Instrument :
BNA_N
ClientSampleId :

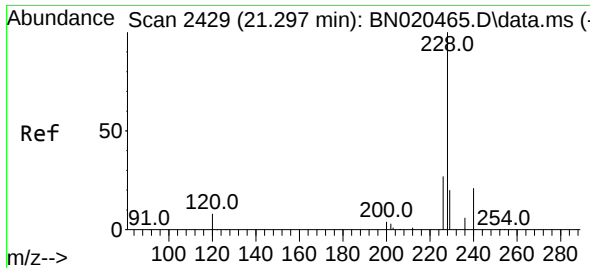
Tgt Ion:202 Resp: 19599
Ion Ratio Lower Upper
202 100
200 21.0 16.6 25.0
203 22.8 14.2 21.2#



#31
Terphenyl-d14
Concen: 0.338 ng
RT: 19.746 min Scan# 2223
Delta R.T. -0.008 min
Lab File: BN020494.D
Acq: 27 Jun 2022 11:10

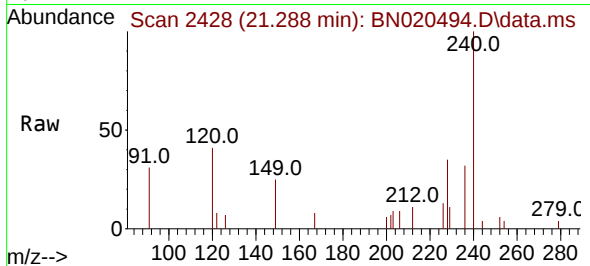
Tgt Ion:244 Resp: 9318
Ion Ratio Lower Upper
244 100
212 10.0 7.1 10.7
122 0.0 0.0 0.0



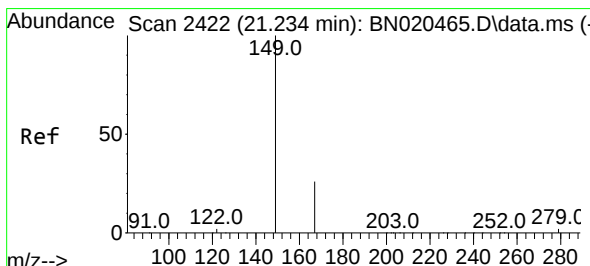
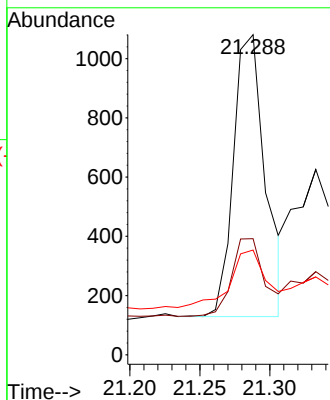
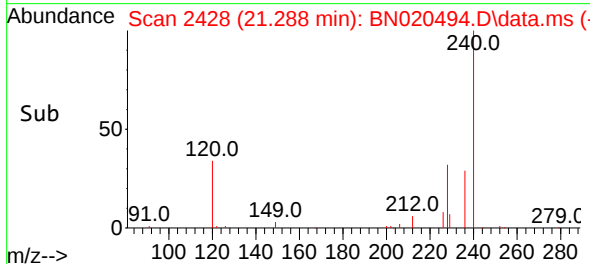


#32
Benzo(a)anthracene
Concen: 0.037 ng
RT: 21.288 min Scan# 2428
Delta R.T. -0.009 min
Lab File: BN020494.D
Acq: 27 Jun 2022 11:10

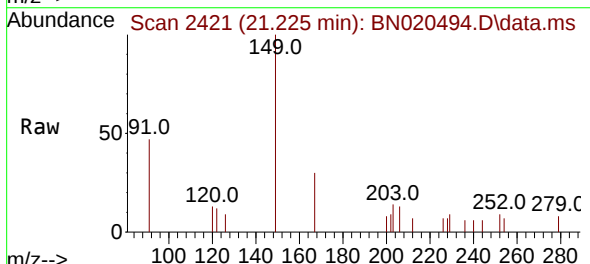
Instrument :
BNA_N
ClientSampleId :



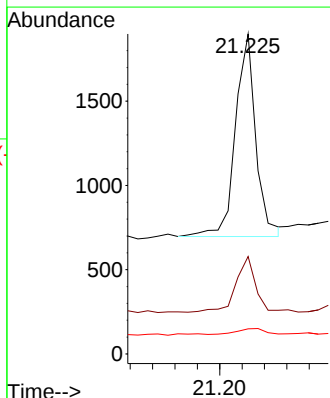
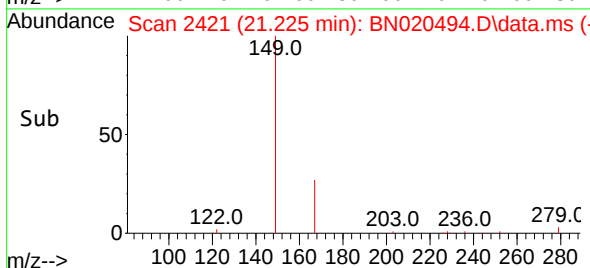
Tgt Ion:228 Resp: 1515
Ion Ratio Lower Upper
228 100
226 36.3 21.2 31.8#
229 32.7 15.6 23.4#

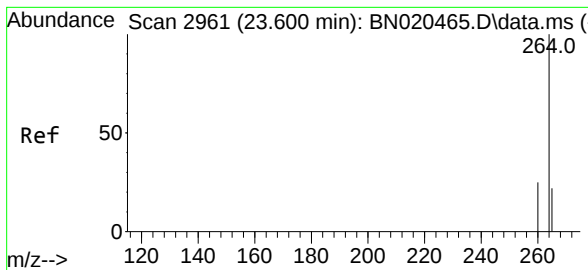


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.066 ng
RT: 21.225 min Scan# 2421
Delta R.T. -0.009 min
Lab File: BN020494.D
Acq: 27 Jun 2022 11:10



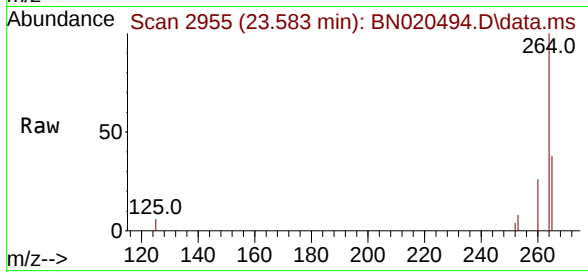
Tgt Ion:149 Resp: 1521
Ion Ratio Lower Upper
149 100
167 26.4 21.7 32.5
279 4.4 2.2 3.2#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.583 min Scan# 2961
Delta R.T. -0.018 min
Lab File: BN020494.D
Acq: 27 Jun 2022 11:10

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:264 Resp: 10387

Ion	Ratio	Lower	Upper
264	100		
260	26.1	20.9	31.3
265	37.5	28.0	42.0

