

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062822\
 Data File : BN020559.D
 Acq On : 29 Jun 2022 08:11
 Operator : CG/JU
 Sample : N3457-05
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP02-20220617

Quant Time: Jun 29 08:47:51 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)

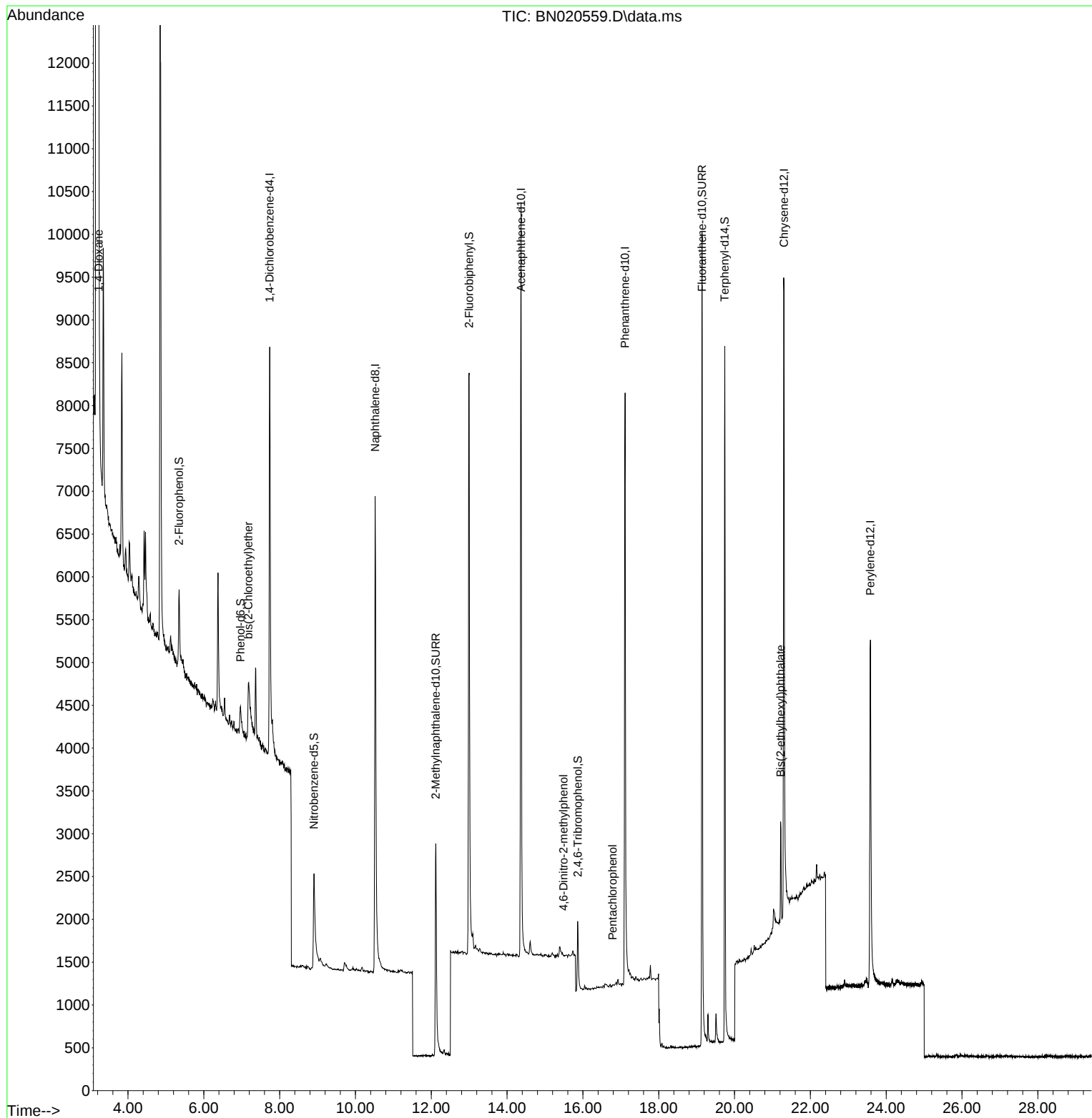
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.739	152	3181	0.400	ng	0.00
7) Naphthalene-d8	10.519	136	9643	0.400	ng	# 0.00
13) Acenaphthene-d10	14.367	164	5783	0.400	ng	0.00
19) Phenanthrene-d10	17.113	188	11839	0.400	ng	0.00
29) Chrysene-d12	21.306	240	9474	0.400	ng	# 0.00
35) Perylene-d12	23.583	264	6702	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	1007	0.114	ng	0.00
5) Phenol-d6	6.966	99	592	0.056	ng	0.02
8) Nitrobenzene-d5	8.907	82	1803	0.231	ng	0.01
11) 2-Methylnaphthalene-d10	12.117	152	4865	0.294	ng	0.00
14) 2,4,6-Tribromophenol	15.861	330	547	0.251	ng	0.00
15) 2-Fluorobiphenyl	12.998	172	8044	0.337	ng	0.00
27) Fluoranthene-d10	19.143	212	12067	0.343	ng	0.00
31) Terphenyl-d14	19.742	244	9744	0.430	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.225	88	3228	0.774	ng	91
6) bis(2-Chloroethyl)ether	7.175	93	345	0.038	ng	# 89
20) 4,6-Dinitro-2-methylph...	15.489	198	1	0.226	ng	# 1
24) Pentachlorophenol	16.784	266	12	0.189	ng	# 28
34) Bis(2-ethylhexyl)phtha...	21.216	149	1280	0.067	ng	# 97

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

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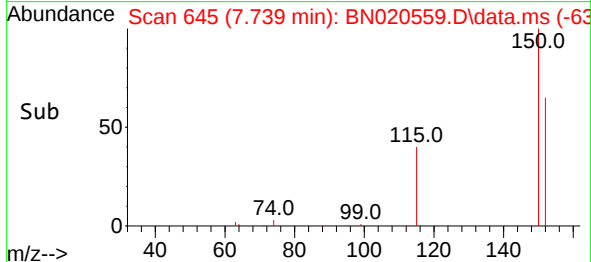
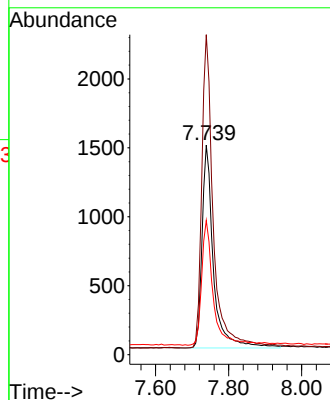
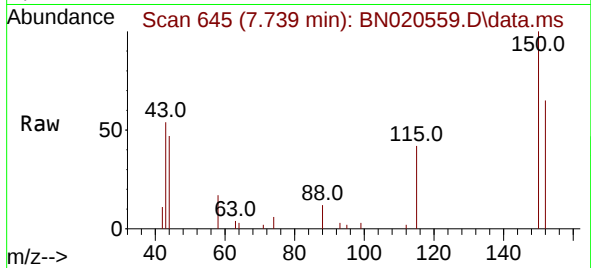




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.739 min Scan# 64
 Delta R.T. -0.000 min
 Lab File: BN020559.D
 Acq: 29 Jun 2022 08:11

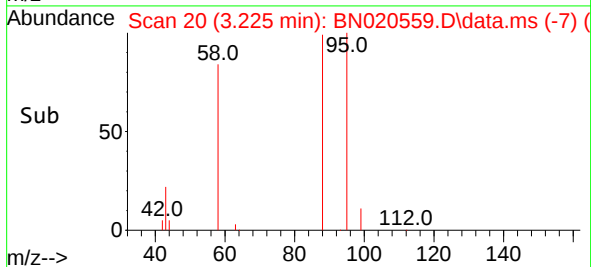
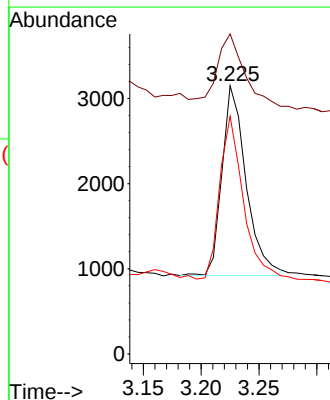
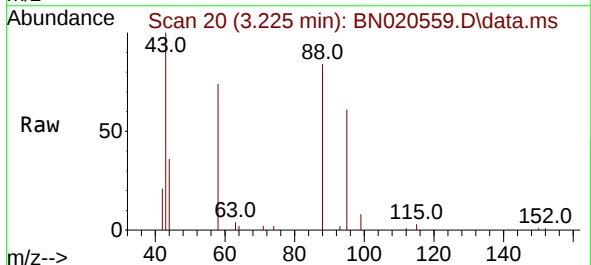
Instrument :
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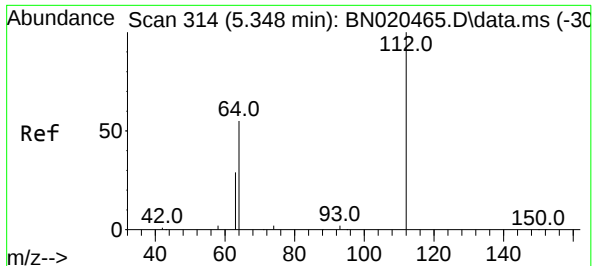
Tgt Ion:152 Resp: 3181
 Ion Ratio Lower Upper
 152 100
 150 152.7 127.9 191.9
 115 64.1 51.4 77.2



#2
 1,4-Dioxane
 Concen: 0.774 ng
 RT: 3.225 min Scan# 20
 Delta R.T. -0.007 min
 Lab File: BN020559.D
 Acq: 29 Jun 2022 08:11

Tgt Ion: 88 Resp: 3228
 Ion Ratio Lower Upper
 88 100
 43 43.3 30.2 45.2
 58 83.5 73.0 109.6

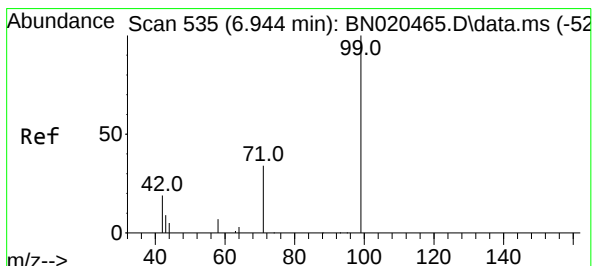
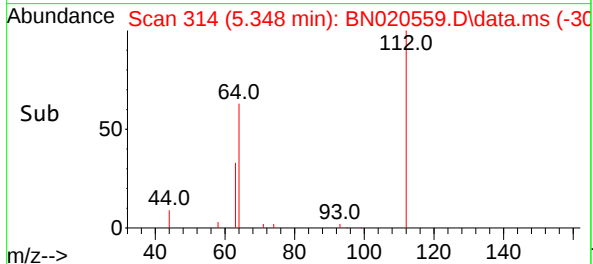
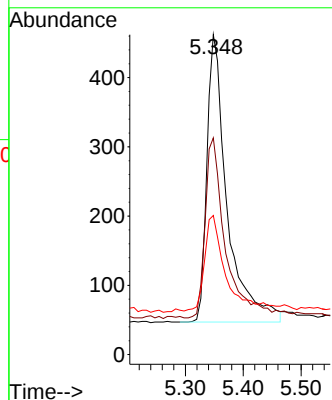
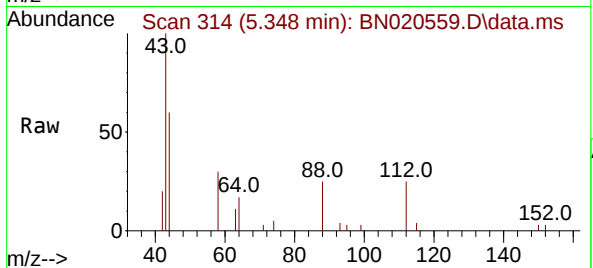




#4
2-Fluorophenol
Concen: 0.114 ng
RT: 5.348 min Scan# 314
Delta R.T. -0.000 min
Lab File: BN020559.D
Acq: 29 Jun 2022 08:11

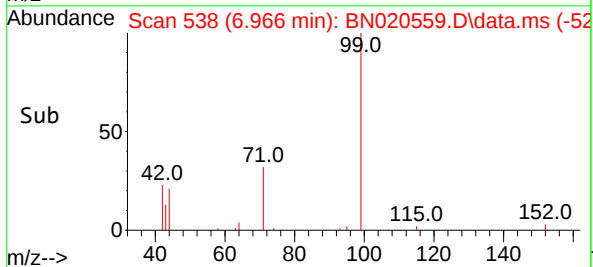
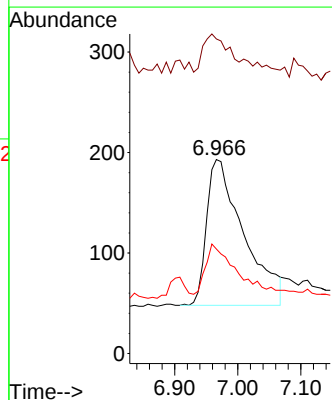
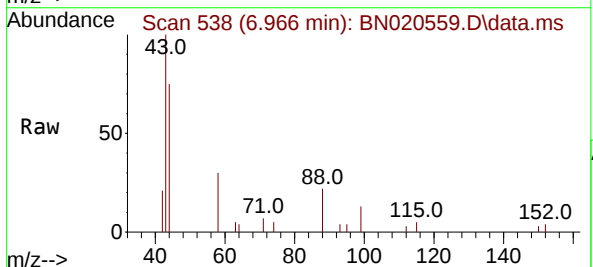
Instrument :
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ClientSampleId :
DUP02-20220617

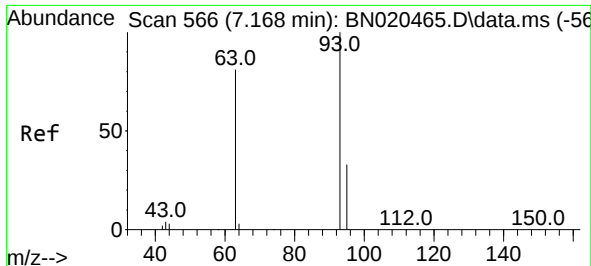
Tgt Ion: 112 Resp: 1007
Ion Ratio Lower Upper
112 100
64 63.2 49.1 73.7
63 34.6 26.3 39.5



#5
Phenol-d6
Concen: 0.056 ng
RT: 6.966 min Scan# 538
Delta R.T. 0.022 min
Lab File: BN020559.D
Acq: 29 Jun 2022 08:11

Tgt Ion: 99 Resp: 592
Ion Ratio Lower Upper
99 100
42 21.6 19.3 28.9
71 28.4 27.5 41.3

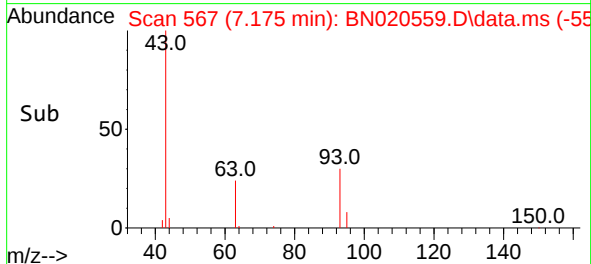
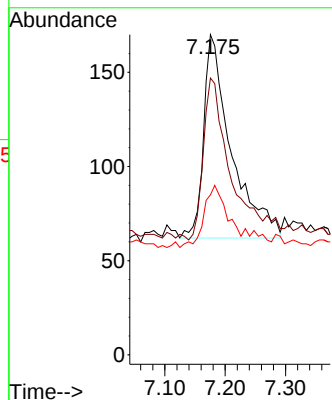
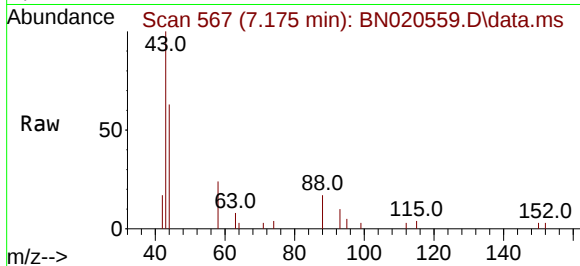




#6
bis(2-Chloroethyl)ether
Concen: 0.038 ng
RT: 7.175 min Scan# 566
Delta R.T. 0.007 min
Lab File: BN020559.D
Acq: 29 Jun 2022 08:11

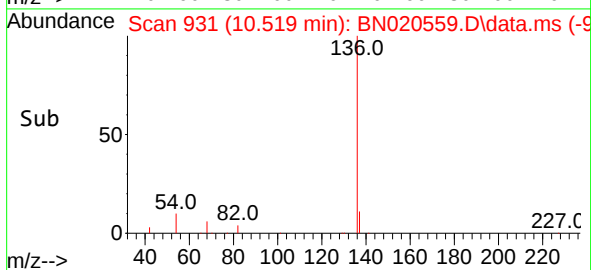
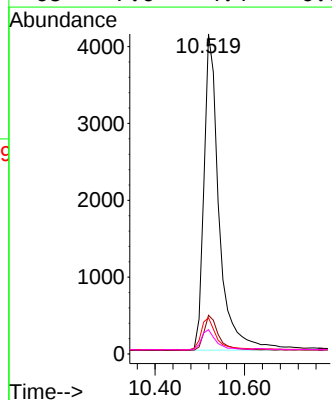
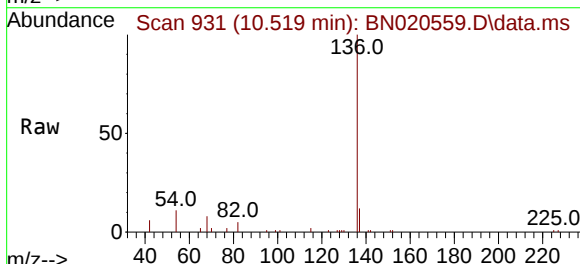
Instrument :
BNA_N
ClientSampleId :
DUP02-20220617

Tgt Ion: 93 Resp: 345
Ion Ratio Lower Upper
93 100
63 74.8 67.4 101.0
95 25.8 26.5 39.7#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.519 min Scan# 931
Delta R.T. -0.000 min
Lab File: BN020559.D
Acq: 29 Jun 2022 08:11

Tgt Ion:136 Resp: 9643
Ion Ratio Lower Upper
136 100
137 12.1 9.0 13.6
54 11.3 6.2 9.2#
68 7.6 4.4 6.6#

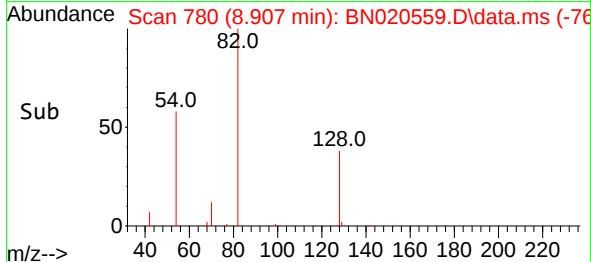
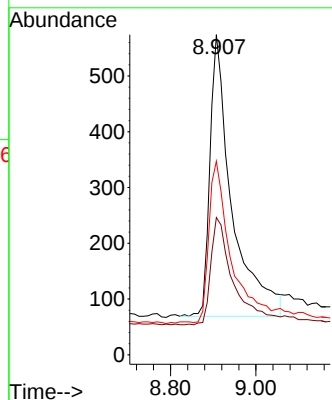
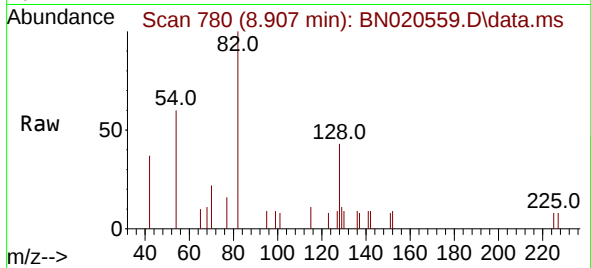




#8
 Nitrobenzene-d5
 Concen: 0.231 ng
 RT: 8.907 min Scan# 71
 Delta R.T. 0.011 min
 Lab File: BN020559.D
 Acq: 29 Jun 2022 08:11

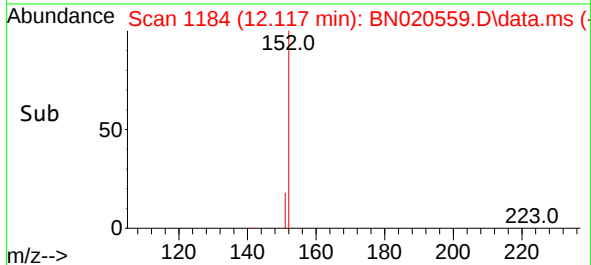
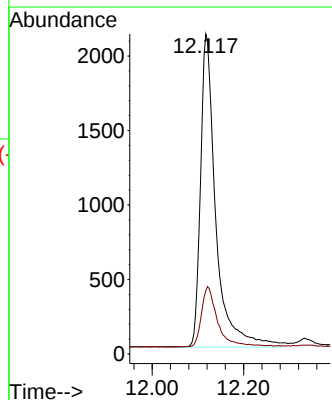
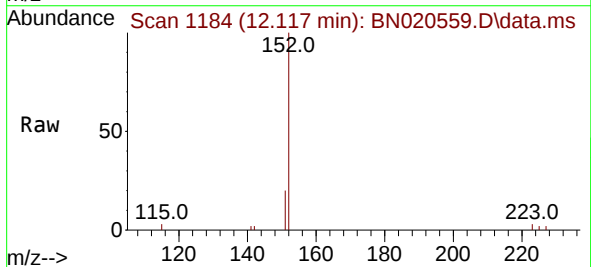
Instrument :
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 ClientSampleId :
 DUP02-20220617

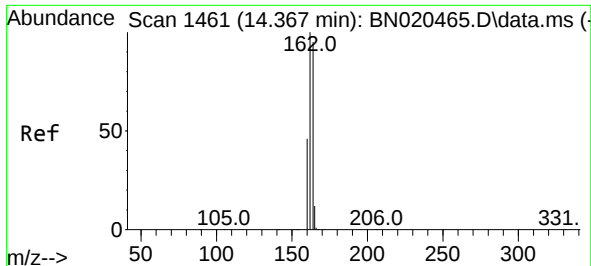
Tgt Ion: 82 Resp: 1803
 Ion Ratio Lower Upper
 82 100
 128 42.9 35.0 52.6
 54 60.5 46.2 69.4



#11
 2-Methylnaphthalene-d10
 Concen: 0.294 ng
 RT: 12.117 min Scan# 1184
 Delta R.T. -0.004 min
 Lab File: BN020559.D
 Acq: 29 Jun 2022 08:11

Tgt Ion: 152 Resp: 4865
 Ion Ratio Lower Upper
 152 100
 151 19.8 16.2 24.4

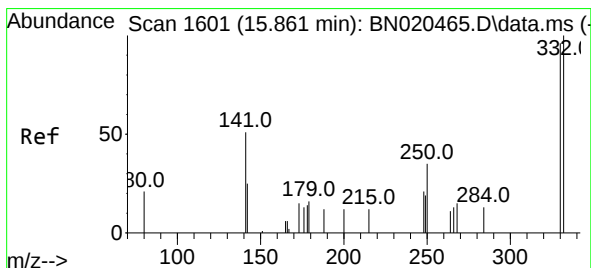
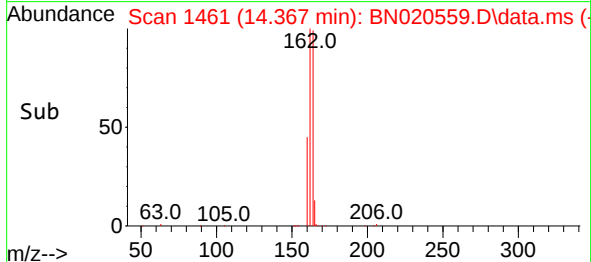
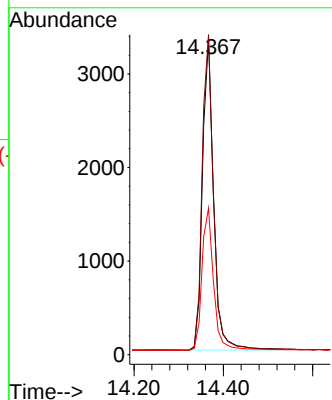
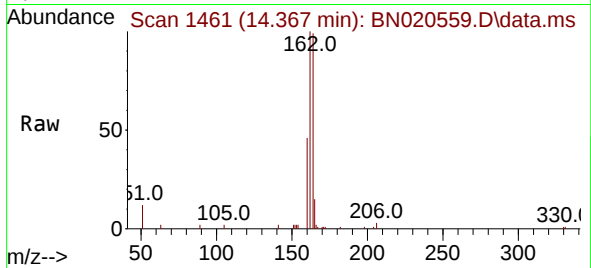




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.367 min Scan# 1461
Delta R.T. -0.000 min
Lab File: BN020559.D
Acq: 29 Jun 2022 08:11

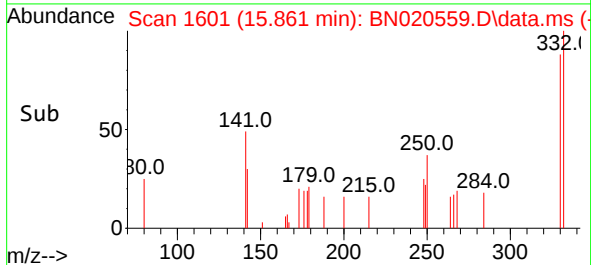
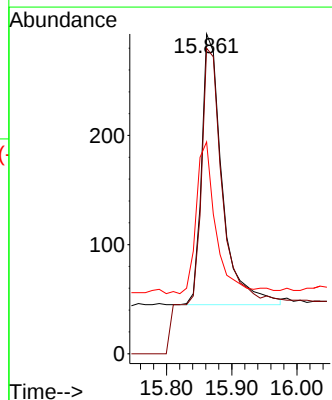
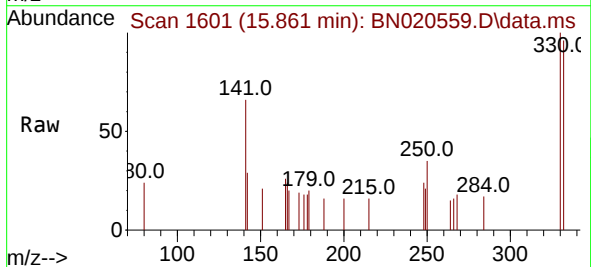
Instrument :
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DUP02-20220617

Tgt Ion:164 Resp: 5783
Ion Ratio Lower Upper
164 100
162 101.4 82.1 123.1
160 46.4 38.6 58.0



#14
2,4,6-Tribromophenol
Concen: 0.251 ng
RT: 15.861 min Scan# 1601
Delta R.T. -0.000 min
Lab File: BN020559.D
Acq: 29 Jun 2022 08:11

Tgt Ion:330 Resp: 547
Ion Ratio Lower Upper
330 100
332 181.7 77.6 116.4#
141 52.3 41.0 61.4

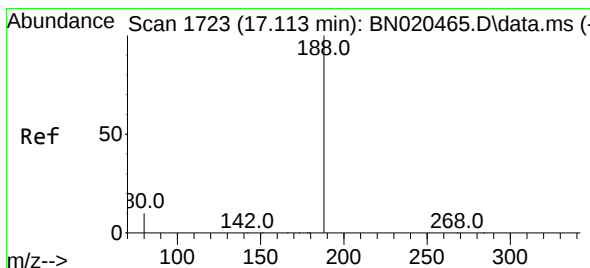
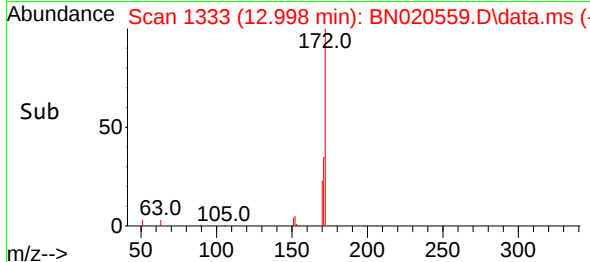
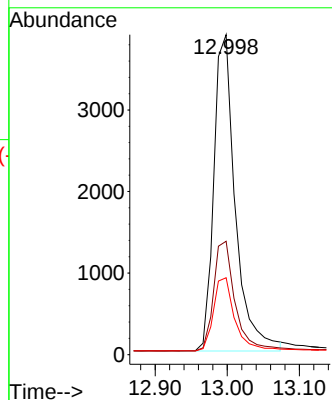
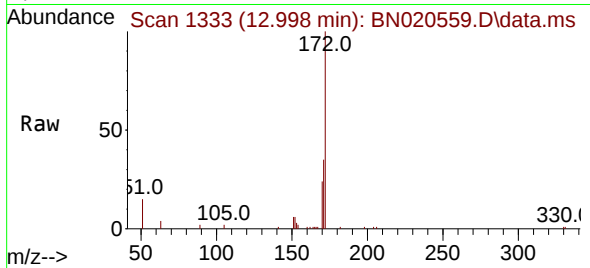




#15
2-Fluorobiphenyl
Concen: 0.337 ng
RT: 12.998 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BN020559.D
Acq: 29 Jun 2022 08:11

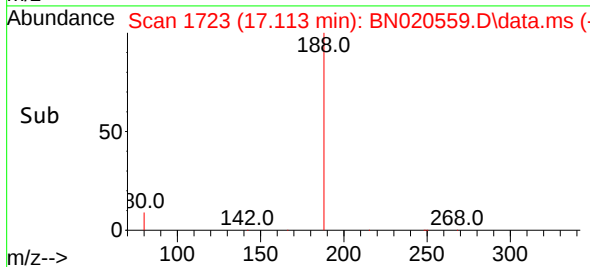
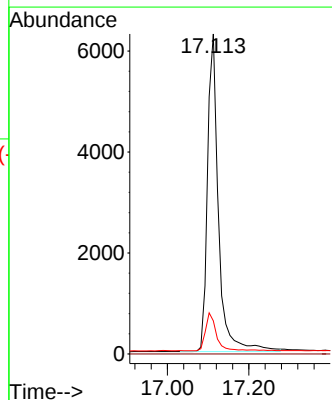
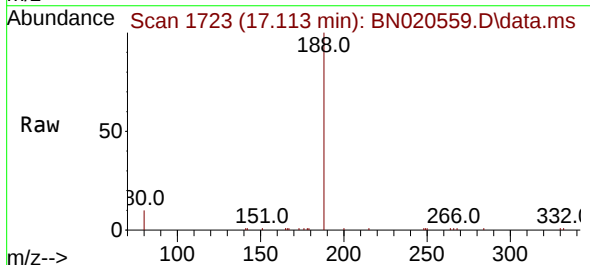
Instrument :
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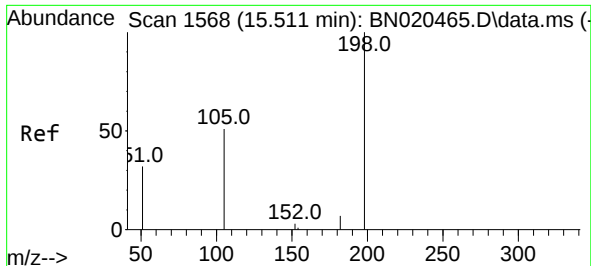
Tgt Ion:172 Resp: 8044
Ion Ratio Lower Upper
172 100
171 35.4 27.2 40.8
170 24.0 18.2 27.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.113 min Scan# 1723
Delta R.T. -0.000 min
Lab File: BN020559.D
Acq: 29 Jun 2022 08:11

Tgt Ion:188 Resp: 11839
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.4 7.4 11.2

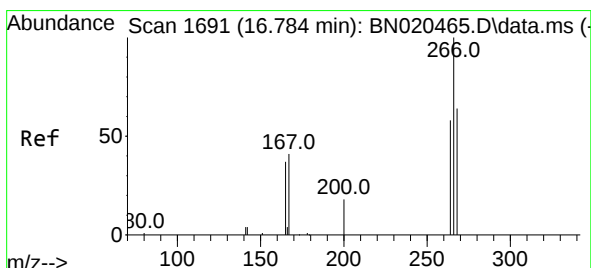
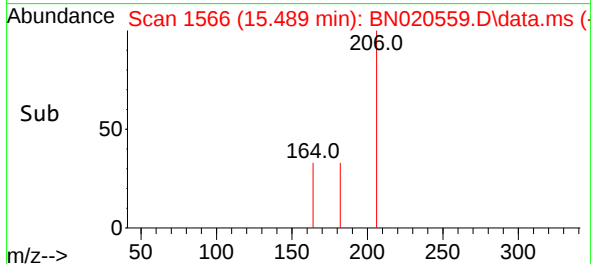
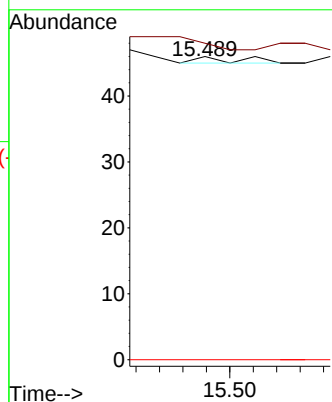
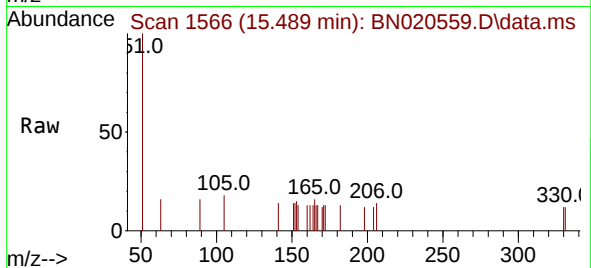




#20
4,6-Dinitro-2-methylphenol
Concen: 0.226 ng
RT: 15.489 min Scan# 1566
Delta R.T. -0.022 min
Lab File: BN020559.D
Acq: 29 Jun 2022 08:11

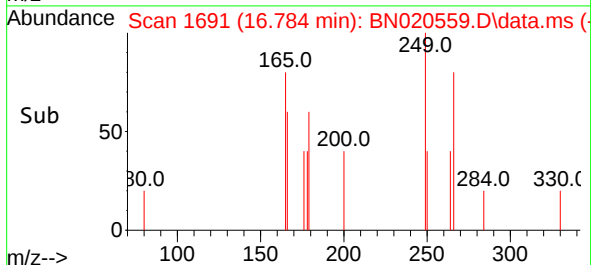
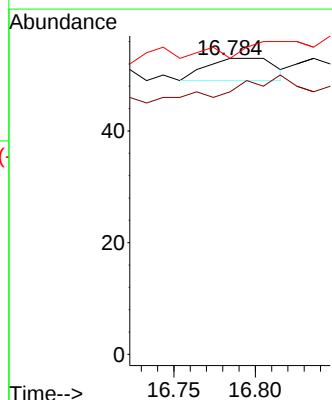
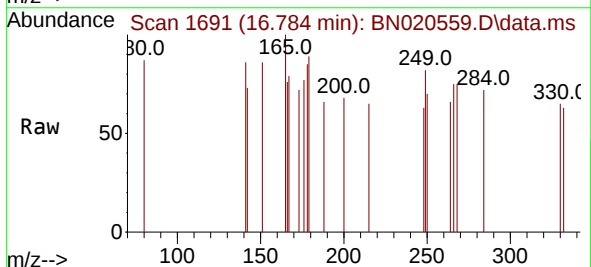
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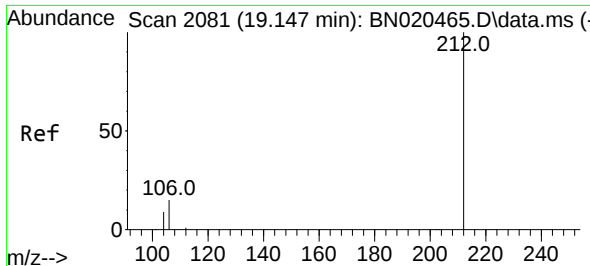
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
182 104.3 12.1 18.1#
77 0.0 0.0 0.0



#24
Pentachlorophenol
Concen: 0.189 ng
RT: 16.784 min Scan# 1691
Delta R.T. 0.000 min
Lab File: BN020559.D
Acq: 29 Jun 2022 08:11

Tgt Ion:266 Resp: 12
Ion Ratio Lower Upper
266 100
264 0.0 51.3 76.9#
268 16.7 52.6 79.0#

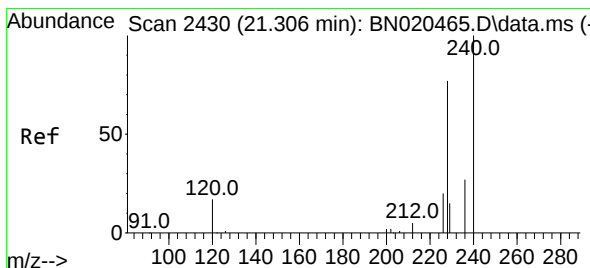
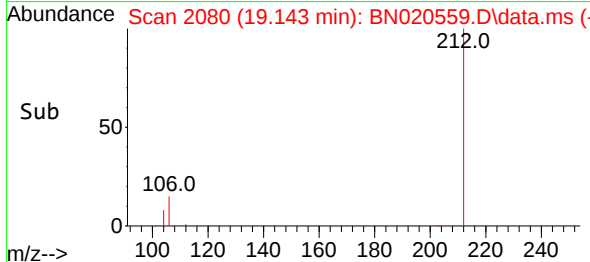
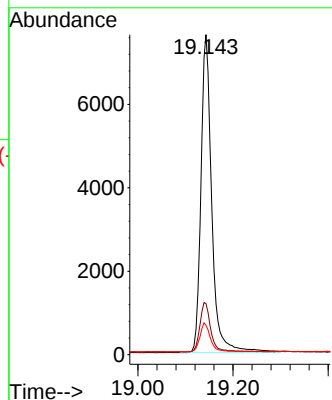
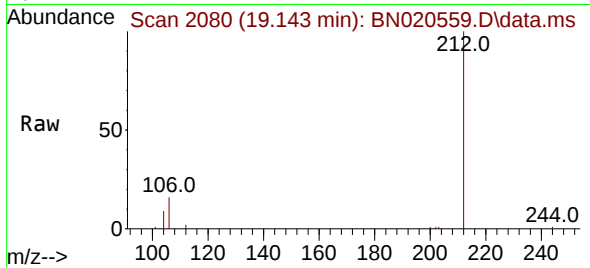




#27
Fluoranthene-d10
Concen: 0.343 ng
RT: 19.143 min Scan# 2081
Delta R.T. -0.004 min
Lab File: BN020559.D
Acq: 29 Jun 2022 08:11

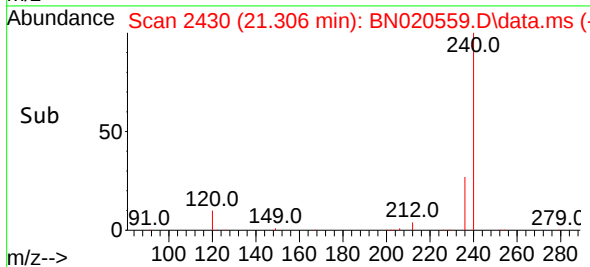
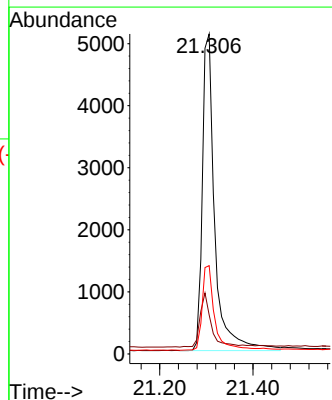
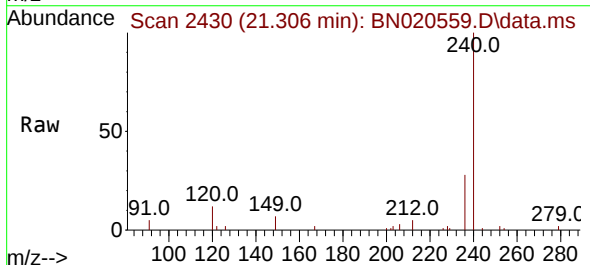
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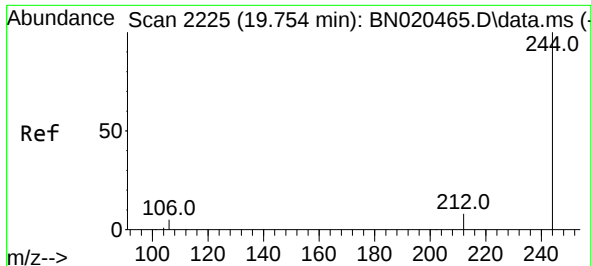
Tgt Ion:212 Resp: 12067
Ion Ratio Lower Upper
212 100
106 15.7 12.6 19.0
104 8.9 7.2 10.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.306 min Scan# 2430
Delta R.T. -0.000 min
Lab File: BN020559.D
Acq: 29 Jun 2022 08:11

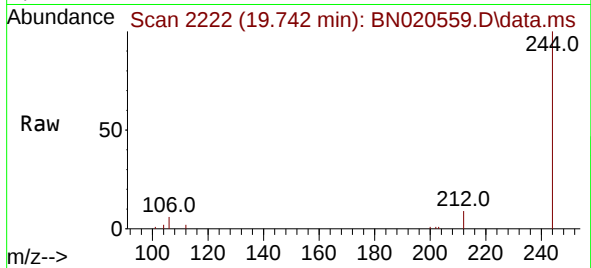
Tgt Ion:240 Resp: 9474
Ion Ratio Lower Upper
240 100
120 12.2 14.6 21.8#
236 27.6 22.6 33.8



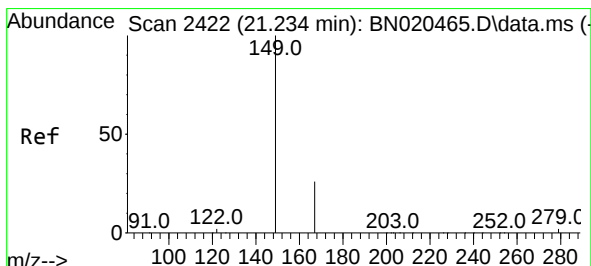
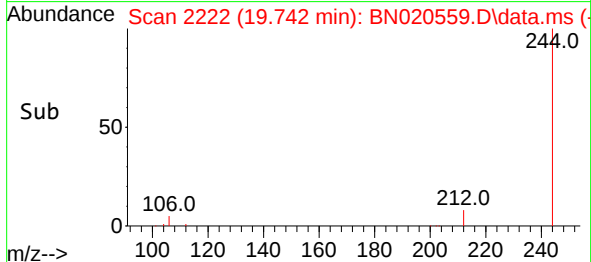
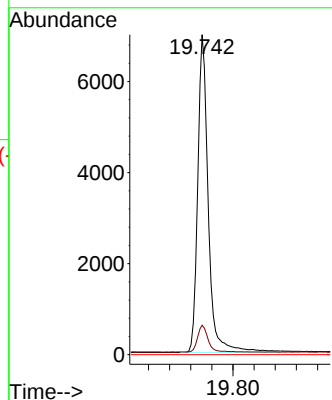


#31
 Terphenyl-d14
 Concen: 0.430 ng
 RT: 19.742 min Scan# 21
 Delta R.T. -0.013 min
 Lab File: BN020559.D
 Acq: 29 Jun 2022 08:11

Instrument :
 BNA_N
 ClientSampleId :
 DUP02-20220617

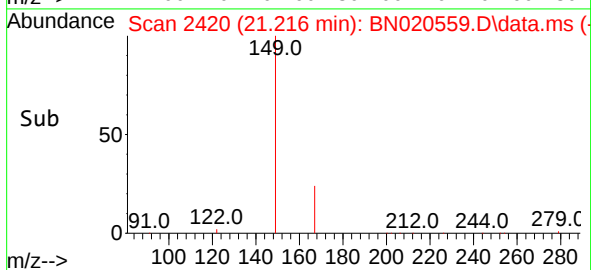
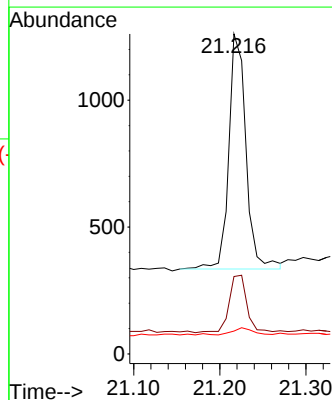
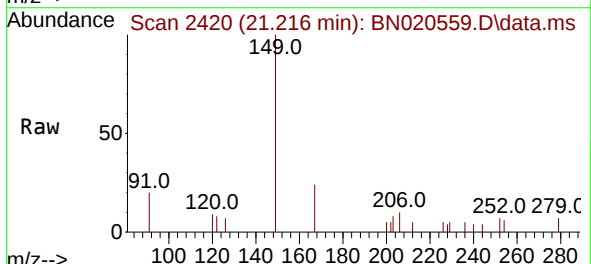


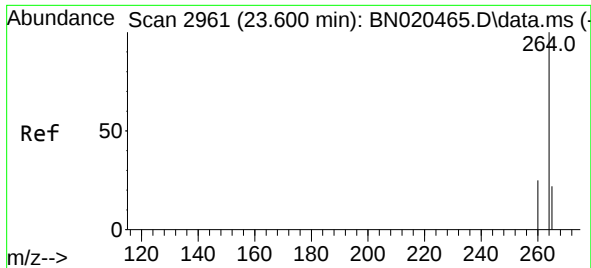
Tgt Ion:244 Resp: 9744
 Ion Ratio Lower Upper
 244 100
 212 9.2 7.1 10.7
 122 0.0 0.0 0.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.067 ng
 RT: 21.216 min Scan# 2420
 Delta R.T. -0.018 min
 Lab File: BN020559.D
 Acq: 29 Jun 2022 08:11

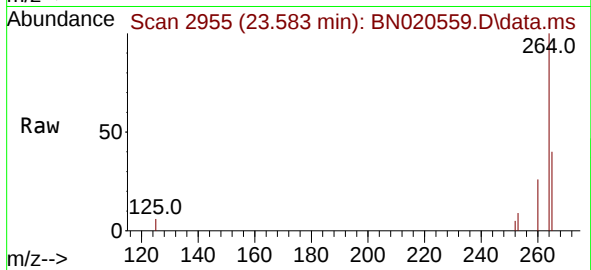
Tgt Ion:149 Resp: 1280
 Ion Ratio Lower Upper
 149 100
 167 25.7 21.7 32.5
 279 3.5 2.2 3.2#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.583 min Scan# 2961
Delta R.T. -0.018 min
Lab File: BN020559.D
Acq: 29 Jun 2022 08:11

Instrument :
BNA_N
ClientSampleId :
DUP02-20220617



Tgt Ion:264 Resp: 6702

Ion	Ratio	Lower	Upper
264	100		
260	26.5	20.9	31.3
265	40.3	28.0	42.0

