

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070222\
 Data File : BN020613.D
 Acq On : 02 Jul 2022 03:34
 Operator : CG/JU
 Sample : N3458-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP04-20220621

Quant Time: Jul 02 04:26:12 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 02 03:10:12 2022
 Response via : Initial Calibration

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

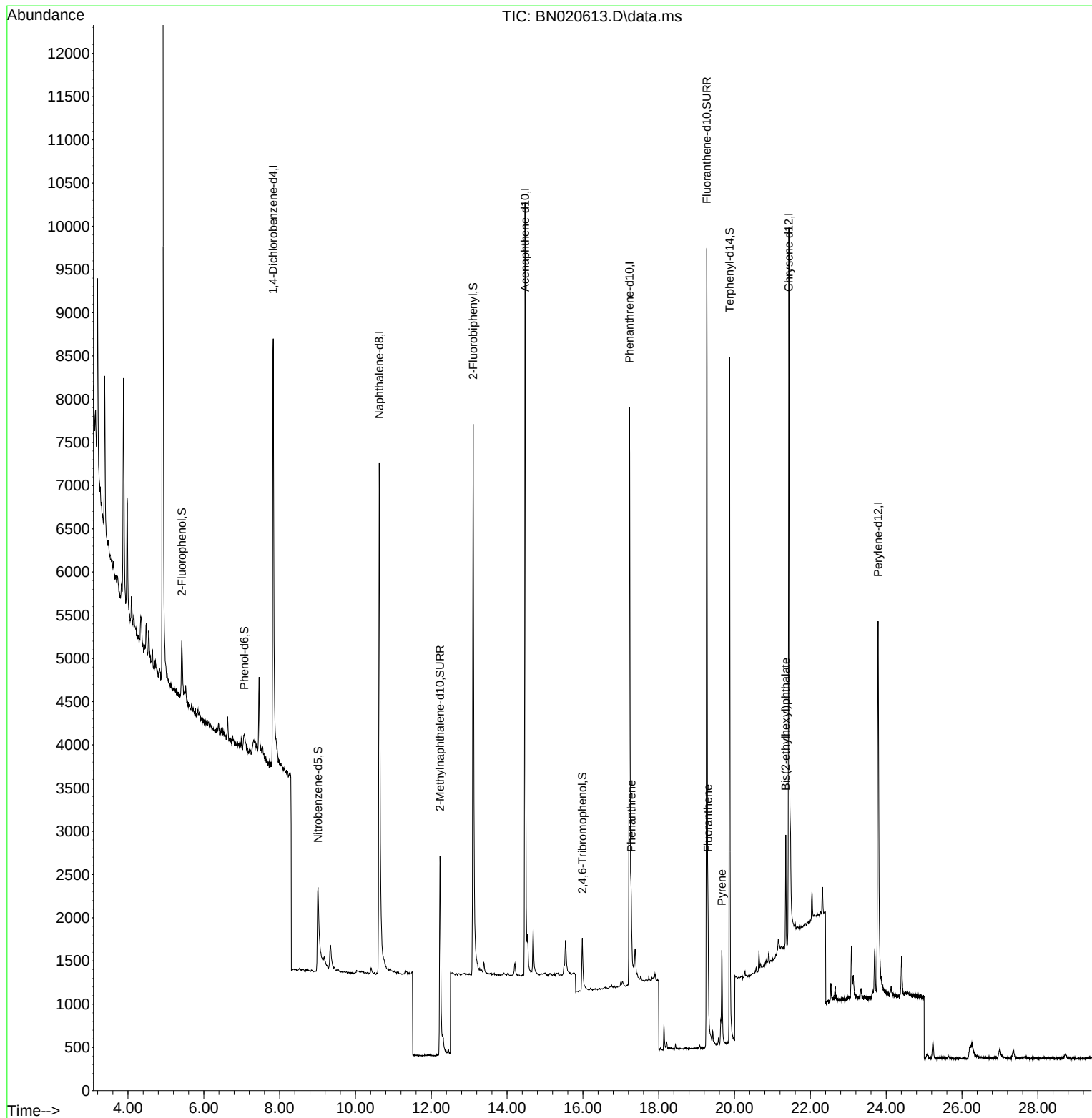
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.833	152	3632	0.400	ng	0.00
7) Naphthalene-d8	10.626	136	10863	0.400	ng	# 0.00
13) Acenaphthene-d10	14.474	164	5908	0.400	ng	0.00
19) Phenanthrene-d10	17.226	188	12279	0.400	ng	# 0.00
29) Chrysene-d12	21.431	240	9498	0.400	ng	0.00
35) Perylene-d12	23.787	264	7606	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.420	112	880	0.087	ng	0.00
5) Phenol-d6	7.067	99	428	0.036	ng	0.04
8) Nitrobenzene-d5	9.014	82	1809	0.205	ng	0.02
11) 2-Methylnaphthalene-d10	12.231	152	4770	0.256	ng	0.00
14) 2,4,6-Tribromophenol	15.984	330	452	0.203	ng	0.01
15) 2-Fluorobiphenyl	13.105	172	7014	0.288	ng	0.00
27) Fluoranthene-d10	19.270	212	12515	0.343	ng	0.00
31) Terphenyl-d14	19.868	244	9827	0.433	ng	0.00
Target Compounds						
25) Phenanthrene	17.277	178	930	0.022	ng	Qvalue 97
28) Fluoranthene	19.299	202	1110	0.025	ng	# 97
30) Pyrene	19.666	202	1201	0.030	ng	99
34) Bis(2-ethylhexyl)phtha...	21.351	149	1224	0.064	ng	# 97

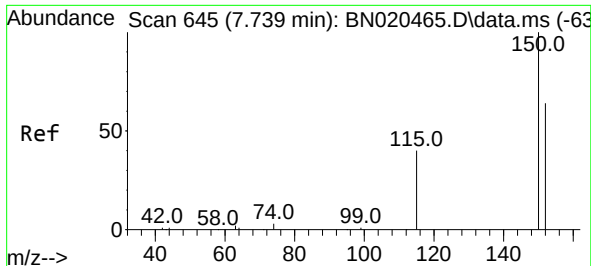
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 02 03:10:12 2022
Response via : Initial Calibration

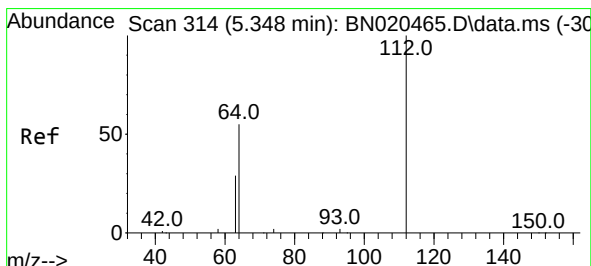
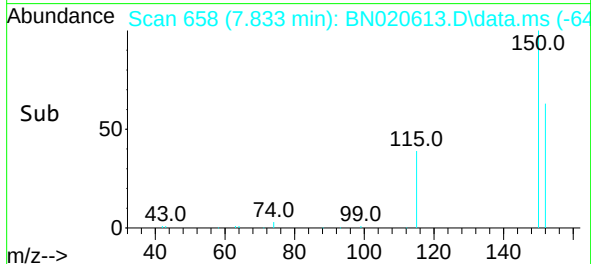
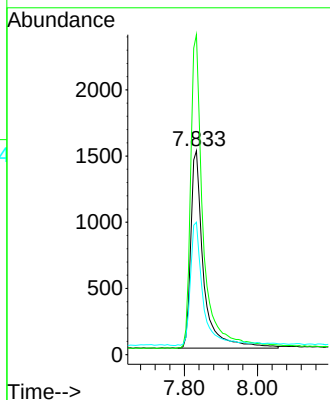
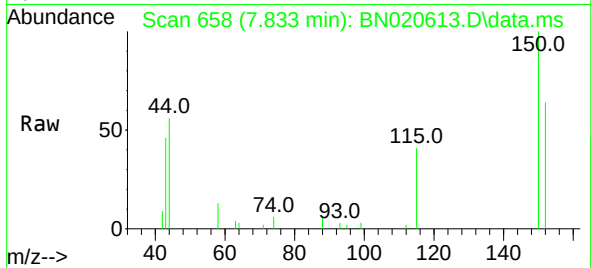




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.833 min Scan# 61
Delta R.T. 0.008 min
Lab File: BN020613.D
Acq: 02 Jul 2022 03:34

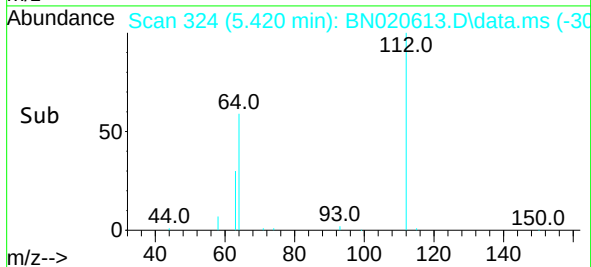
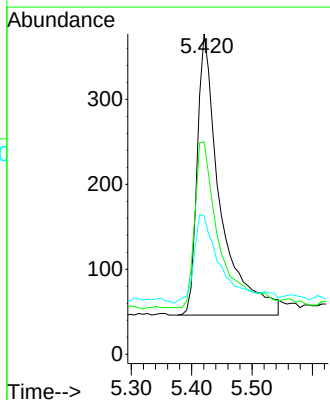
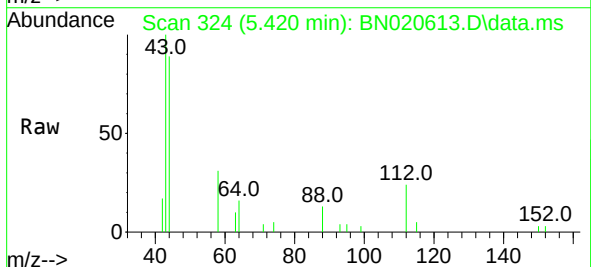
Instrument :
BNA_N
ClientSampleId :
DUP04-20220621

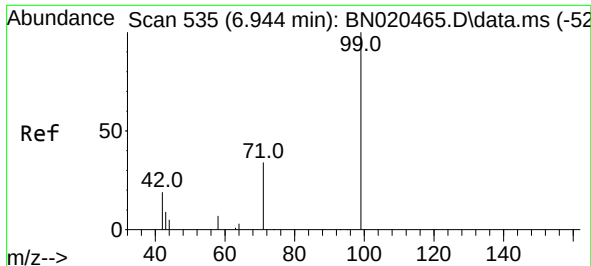
Tgt Ion:152 Resp: 3632
Ion Ratio Lower Upper
152 100
150 157.1 127.9 191.9
115 65.0 51.4 77.2



#4
2-Fluorophenol
Concen: 0.087 ng
RT: 5.420 min Scan# 324
Delta R.T. 0.007 min
Lab File: BN020613.D
Acq: 02 Jul 2022 03:34

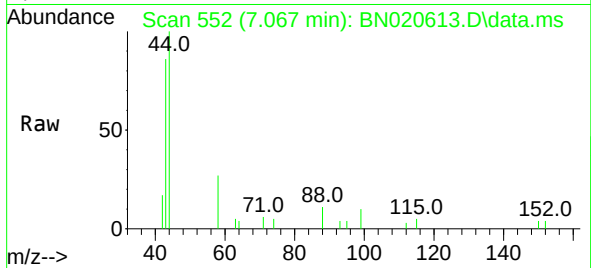
Tgt Ion:112 Resp: 880
Ion Ratio Lower Upper
112 100
64 62.7 49.1 73.7
63 35.3 26.3 39.5



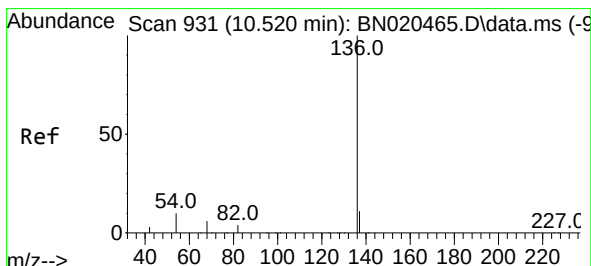
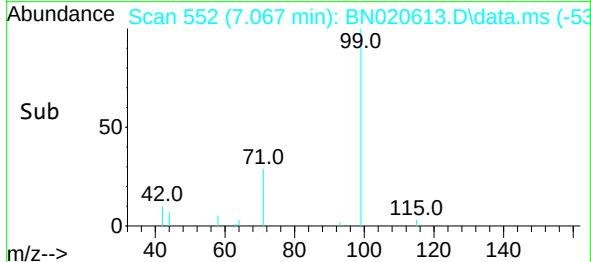
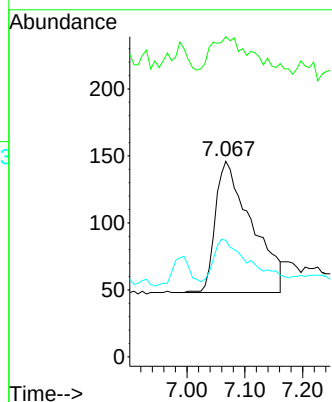


#5
Phenol-d6
Concen: 0.036 ng
RT: 7.067 min Scan# 51
Delta R.T. 0.036 min
Lab File: BN020613.D
Acq: 02 Jul 2022 03:34

Instrument :
BNA_N
ClientSampleId :
DUP04-20220621

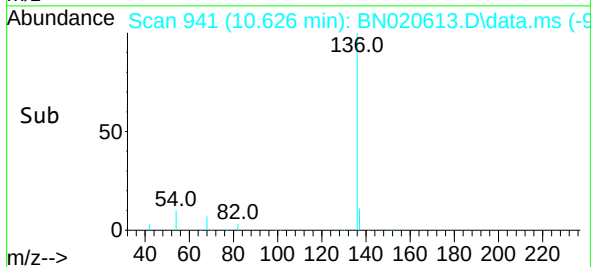
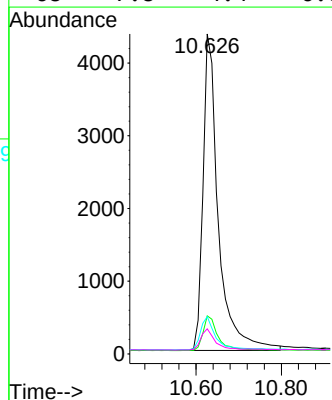
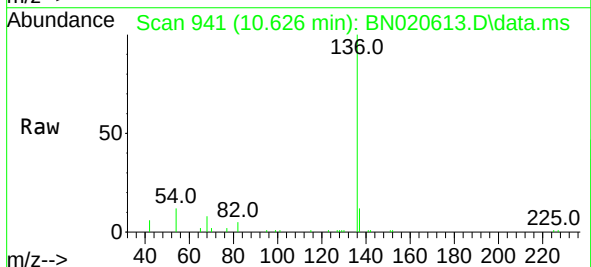


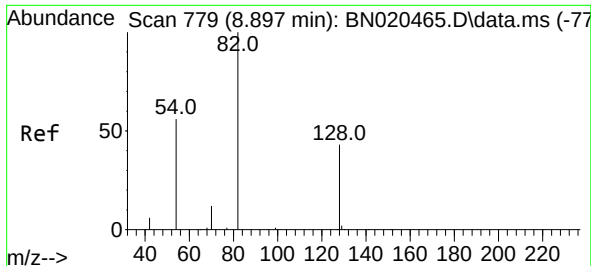
Tgt Ion: 99 Resp: 428
Ion Ratio Lower Upper
99 100
42 25.5 19.3 28.9
71 30.1 27.5 41.3



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.626 min Scan# 941
Delta R.T. 0.000 min
Lab File: BN020613.D
Acq: 02 Jul 2022 03:34

Tgt Ion: 136 Resp: 10863
Ion Ratio Lower Upper
136 100
137 11.9 9.0 13.6
54 11.6 6.2 9.2#
68 7.8 4.4 6.6#

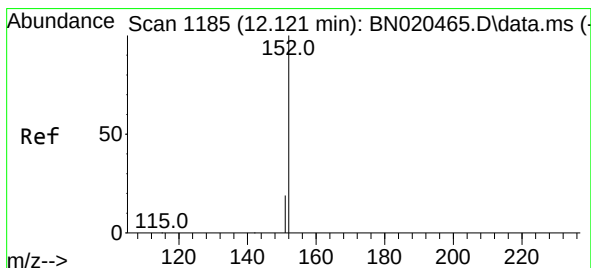
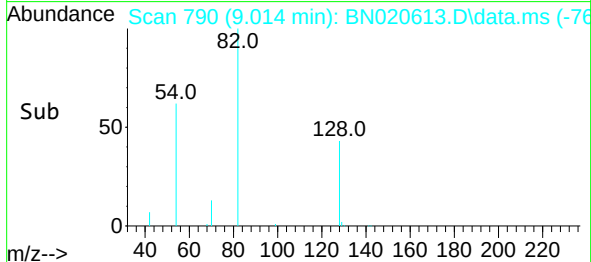
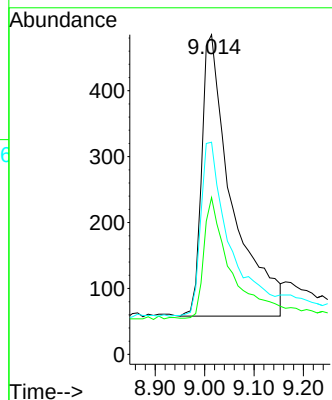
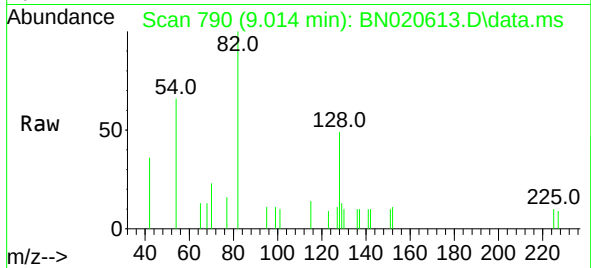




#8
 Nitrobenzene-d5
 Concen: 0.205 ng
 RT: 9.014 min Scan# 79
 Delta R.T. 0.021 min
 Lab File: BN020613.D
 Acq: 02 Jul 2022 03:34

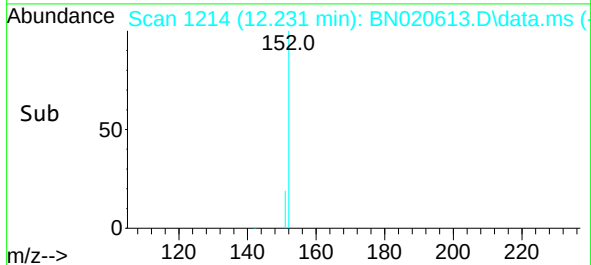
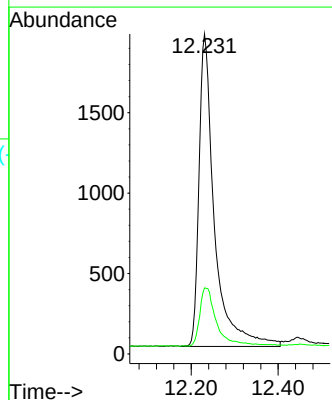
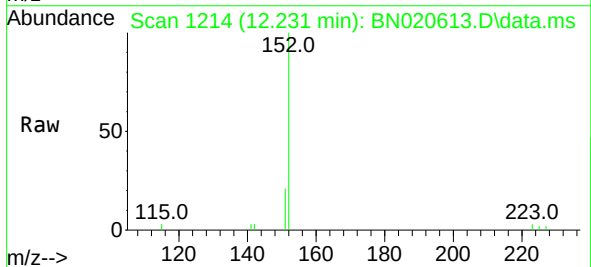
Instrument :
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 ClientSampleId :
 DUP04-20220621

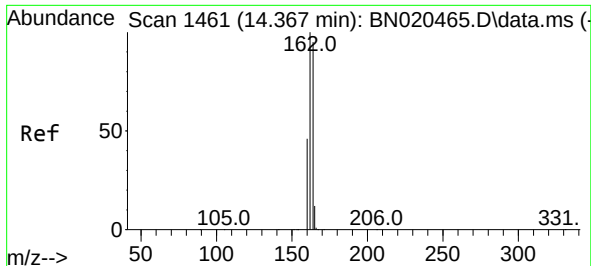
Tgt Ion: 82 Resp: 1809
 Ion Ratio Lower Upper
 82 100
 128 49.1 35.0 52.6
 54 66.4 46.2 69.4



#11
 2-Methylnaphthalene-d10
 Concen: 0.256 ng
 RT: 12.231 min Scan# 1214
 Delta R.T. 0.004 min
 Lab File: BN020613.D
 Acq: 02 Jul 2022 03:34

Tgt Ion: 152 Resp: 4770
 Ion Ratio Lower Upper
 152 100
 151 20.0 16.2 24.4

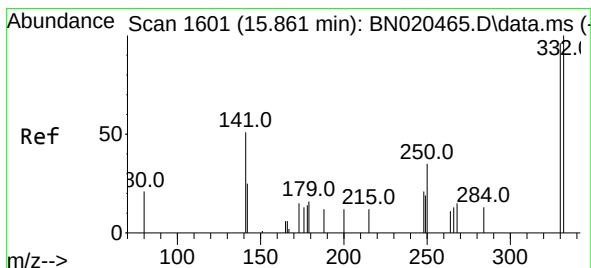
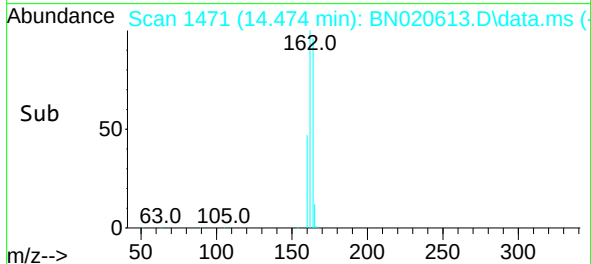
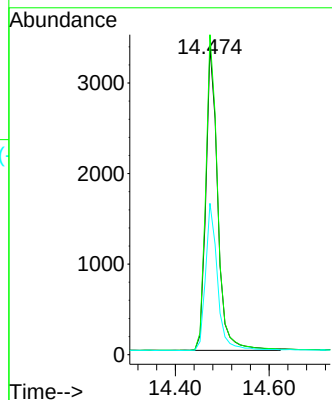
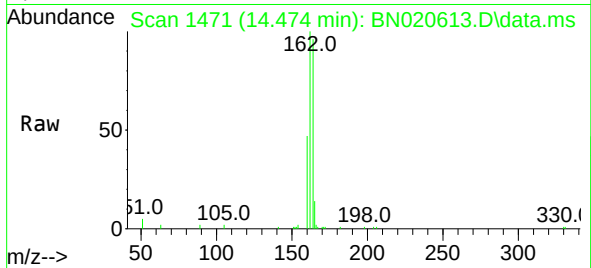




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.474 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BN020613.D
Acq: 02 Jul 2022 03:34

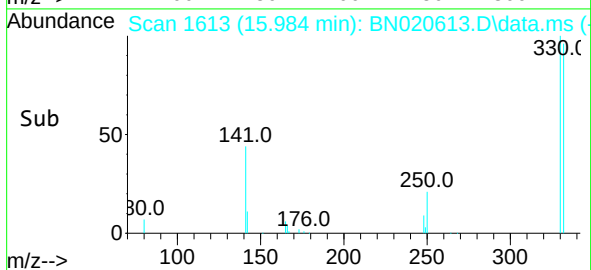
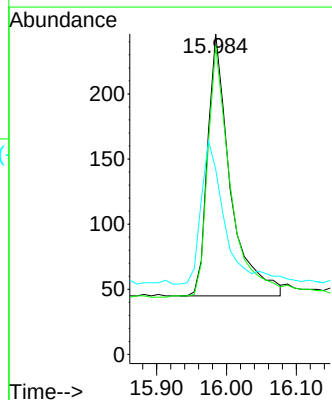
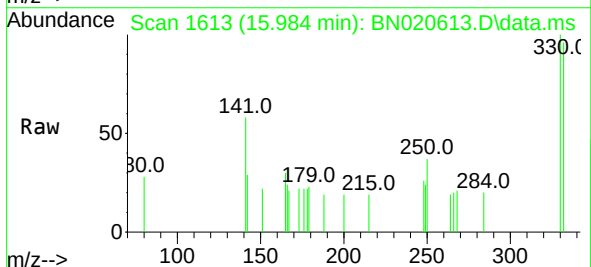
Instrument :
BNA_N
ClientSampleId :
DUP04-20220621

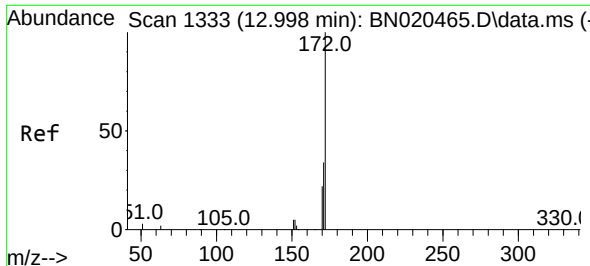
Tgt Ion:164 Resp: 5908
Ion Ratio Lower Upper
164 100
162 103.8 82.1 123.1
160 49.1 38.6 58.0



#14
2,4,6-Tribromophenol
Concen: 0.203 ng
RT: 15.984 min Scan# 1613
Delta R.T. 0.010 min
Lab File: BN020613.D
Acq: 02 Jul 2022 03:34

Tgt Ion:330 Resp: 452
Ion Ratio Lower Upper
330 100
332 97.6 77.6 116.4
141 58.2 41.0 61.4

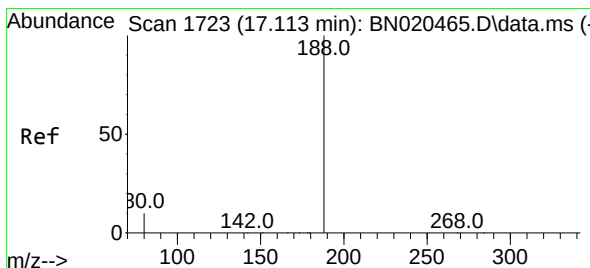
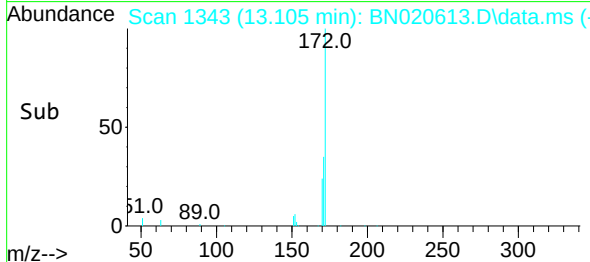
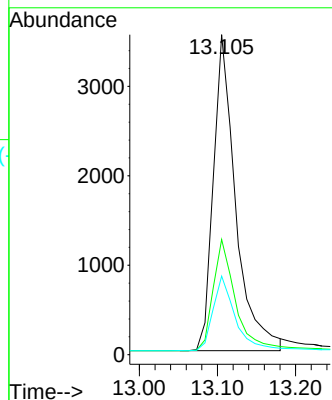
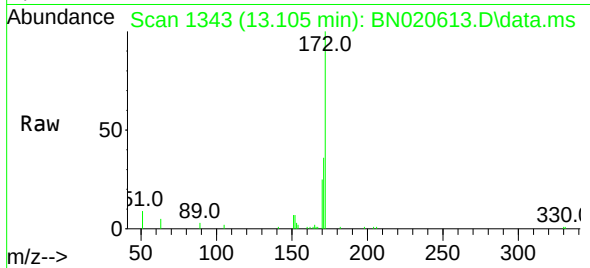




#15
2-Fluorobiphenyl
Concen: 0.288 ng
RT: 13.105 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN020613.D
Acq: 02 Jul 2022 03:34

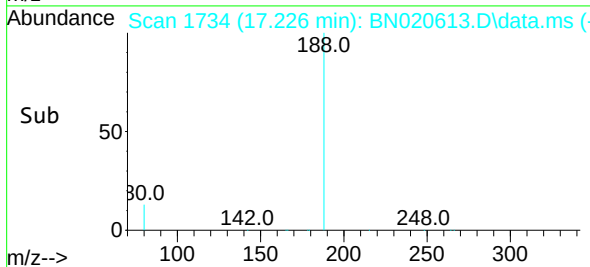
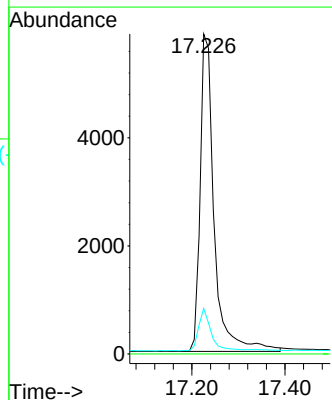
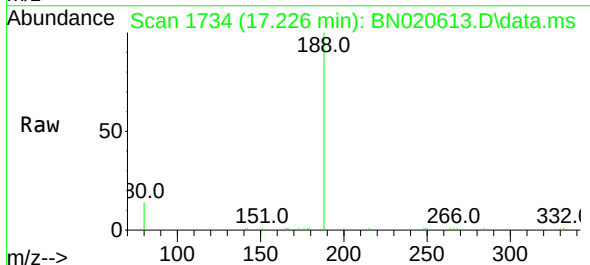
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ClientSampleId :
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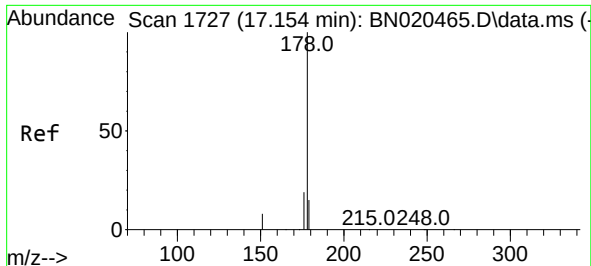
Tgt Ion:172 Resp: 7014
Ion Ratio Lower Upper
172 100
171 36.0 27.2 40.8
170 24.5 18.2 27.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.226 min Scan# 1734
Delta R.T. 0.000 min
Lab File: BN020613.D
Acq: 02 Jul 2022 03:34

Tgt Ion:188 Resp: 12279
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.2 7.4 11.2#

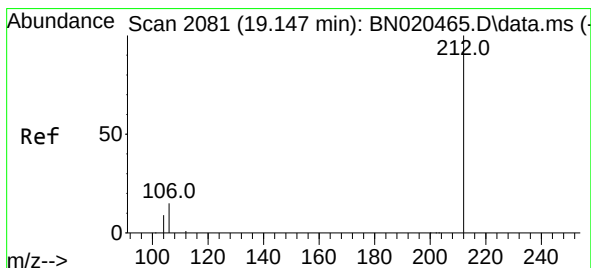
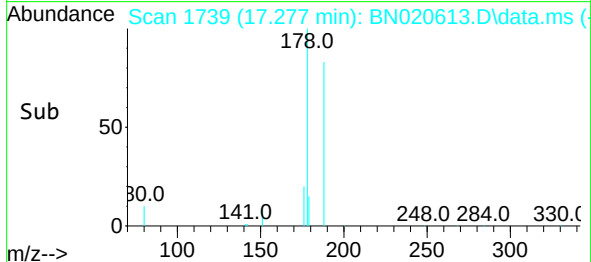
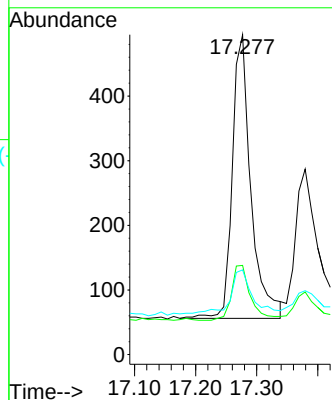
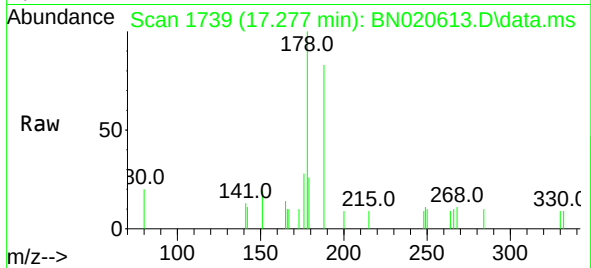




#25
Phenanthrene
Concen: 0.022 ng
RT: 17.277 min Scan# 1110
Delta R.T. 0.010 min
Lab File: BN020613.D
Acq: 02 Jul 2022 03:34

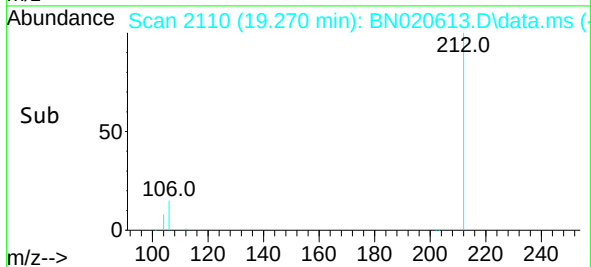
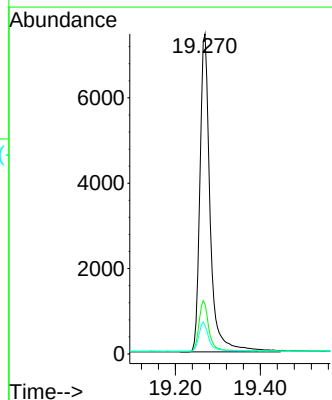
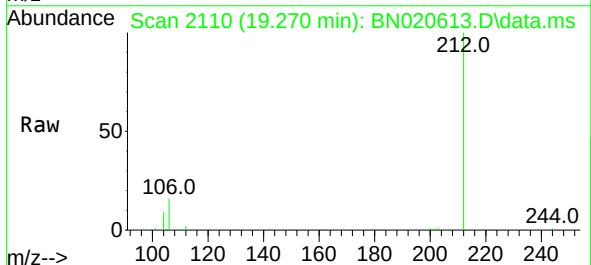
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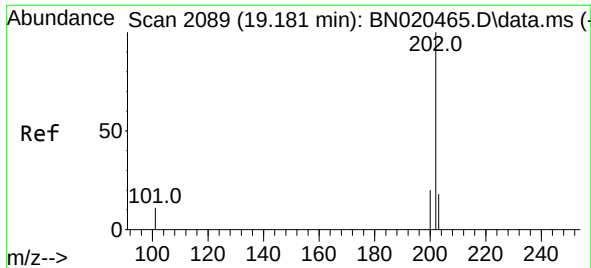
Tgt Ion:178 Resp: 930
Ion Ratio Lower Upper
178 100
176 19.7 15.3 22.9
179 17.8 12.2 18.4



#27
Fluoranthene-d10
Concen: 0.343 ng
RT: 19.270 min Scan# 2110
Delta R.T. 0.000 min
Lab File: BN020613.D
Acq: 02 Jul 2022 03:34

Tgt Ion:212 Resp: 12515
Ion Ratio Lower Upper
212 100
106 15.6 12.6 19.0
104 8.9 7.2 10.8

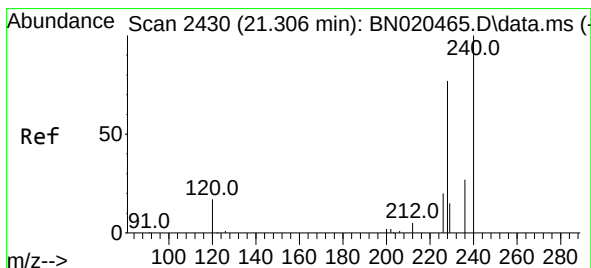
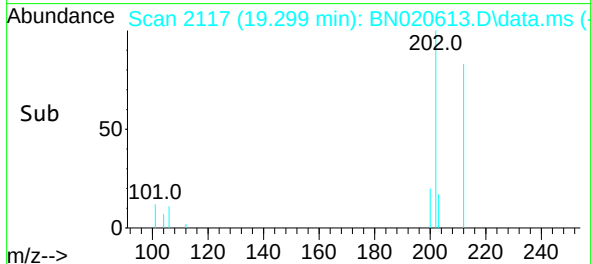
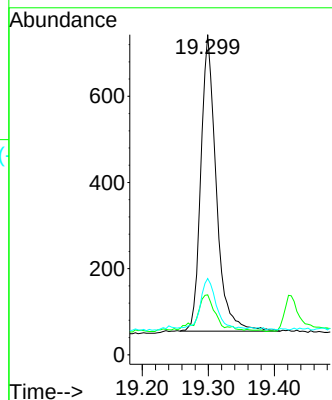
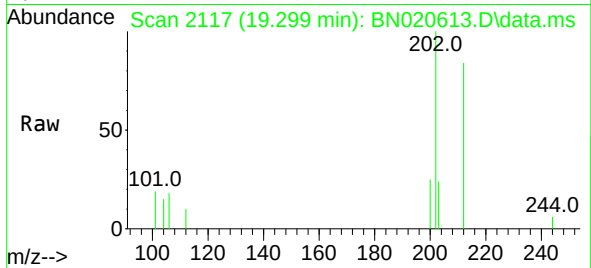




#28
Fluoranthene
Concen: 0.025 ng
RT: 19.299 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BN020613.D
Acq: 02 Jul 2022 03:34

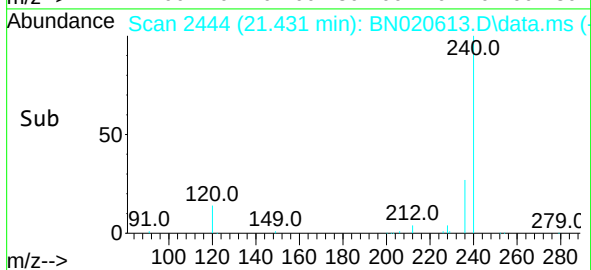
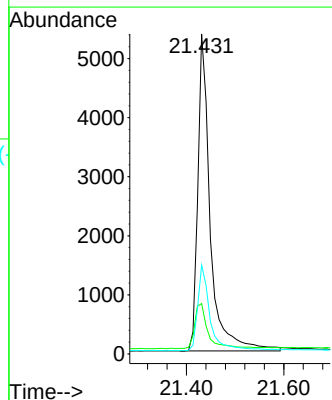
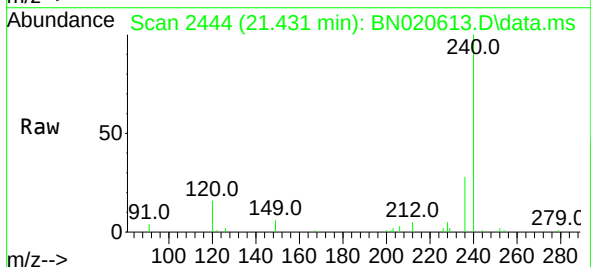
Instrument :
BNA_N
ClientSampleId :
DUP04-20220621

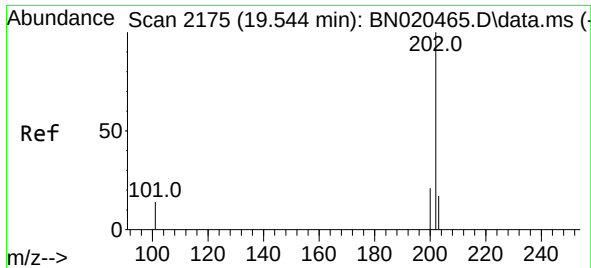
Tgt Ion:202 Resp: 1110
Ion Ratio Lower Upper
202 100
101 14.4 9.6 14.4#
203 17.4 13.5 20.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.431 min Scan# 2444
Delta R.T. 0.000 min
Lab File: BN020613.D
Acq: 02 Jul 2022 03:34

Tgt Ion:240 Resp: 9498
Ion Ratio Lower Upper
240 100
120 15.7 14.6 21.8
236 27.8 22.6 33.8

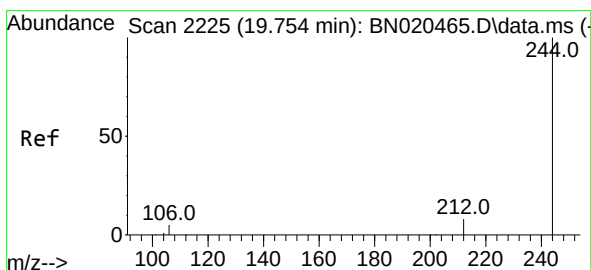
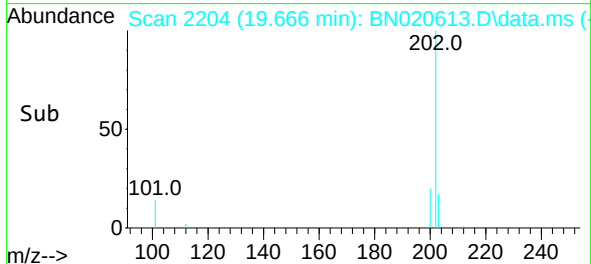
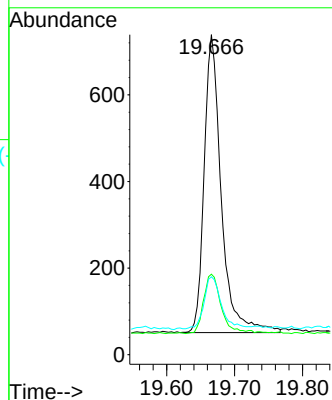
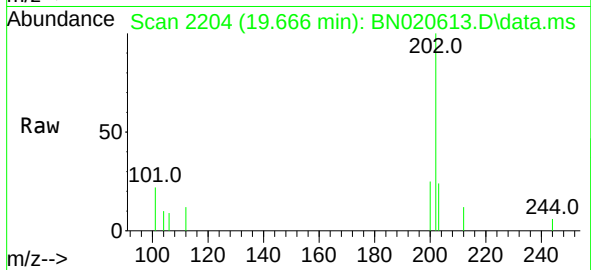




#30
Pyrene
Concen: 0.030 ng
RT: 19.666 min Scan# 2175
Delta R.T. 0.004 min
Lab File: BN020613.D
Acq: 02 Jul 2022 03:34

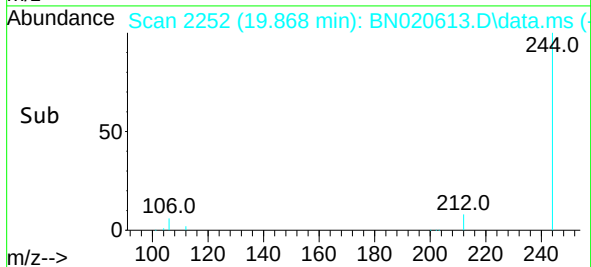
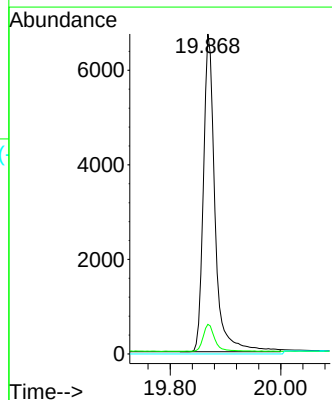
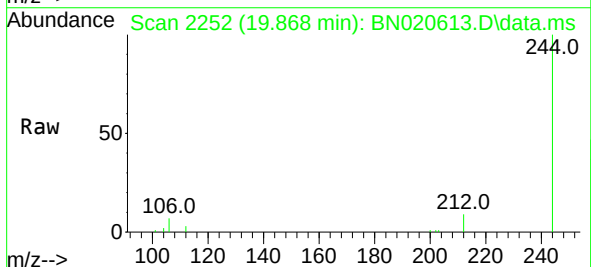
Instrument :
BNA_N
ClientSampleId :
DUP04-20220621

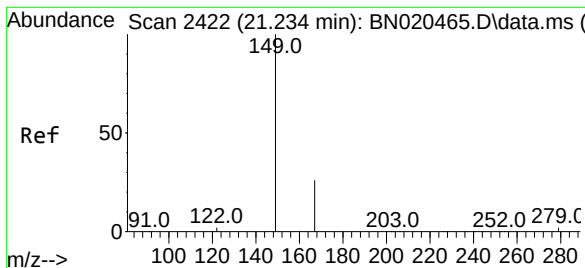
Tgt Ion:202 Resp: 1201
Ion Ratio Lower Upper
202 100
200 20.4 16.6 25.0
203 17.4 14.2 21.2



#31
Terphenyl-d14
Concen: 0.433 ng
RT: 19.868 min Scan# 2252
Delta R.T. -0.004 min
Lab File: BN020613.D
Acq: 02 Jul 2022 03:34

Tgt Ion:244 Resp: 9827
Ion Ratio Lower Upper
244 100
212 9.3 7.1 10.7
122 0.0 0.0 0.0

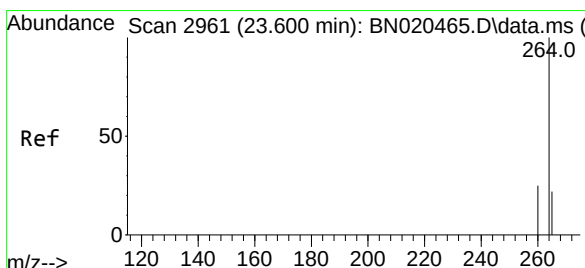
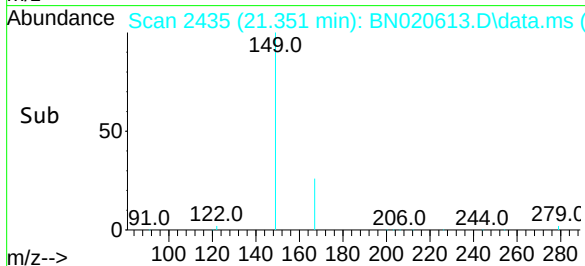
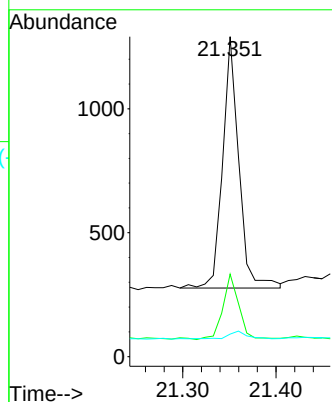
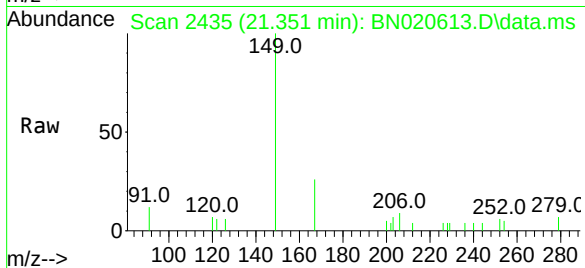




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.064 ng
 RT: 21.351 min Scan# 2422
 Delta R.T. 0.000 min
 Lab File: BN020613.D
 Acq: 02 Jul 2022 03:34

Instrument :
 BNA_N
 ClientSampleId :
 DUP04-20220621

Tgt Ion:149 Resp: 1224
 Ion Ratio Lower Upper
 149 100
 167 25.6 21.7 32.5
 279 3.5 2.2 3.2#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.787 min Scan# 3025
 Delta R.T. -0.003 min
 Lab File: BN020613.D
 Acq: 02 Jul 2022 03:34

Tgt Ion:264 Resp: 7606
 Ion Ratio Lower Upper
 264 100
 260 26.9 20.9 31.3
 265 36.9 28.0 42.0

