

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071822\
 Data File : BN020761.D
 Acq On : 18 Jul 2022 17:49
 Operator : CG/JU
 Sample : N3742-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP-100-20220714

Quant Time: Jul 19 03:54:32 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 16 03:21:59 2022
 Response via : Initial Calibration

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

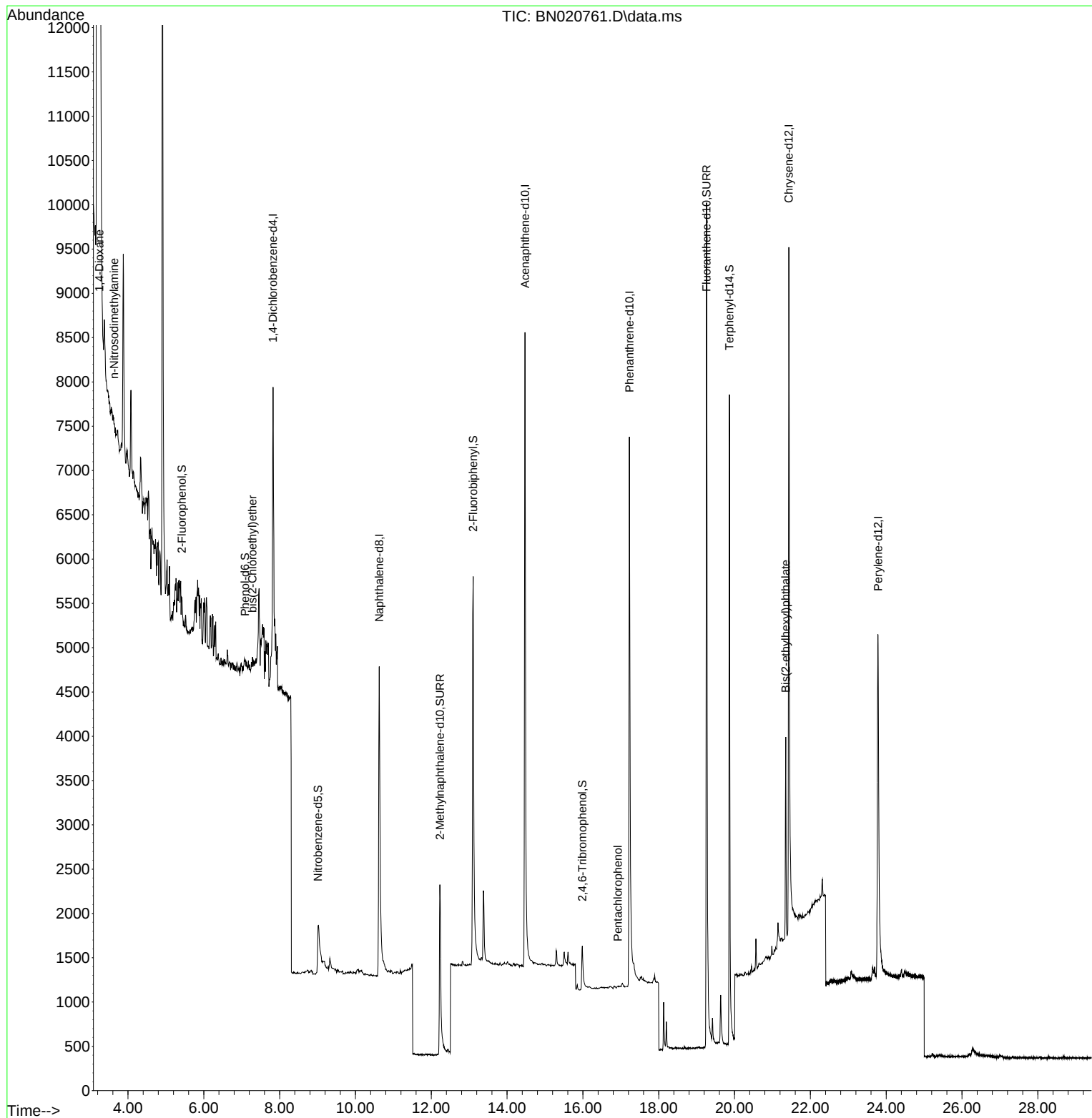
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.825	152	2255	0.400	ng	0.01
7) Naphthalene-d8	10.626	136	7115	0.400	ng	# 0.01
13) Acenaphthene-d10	14.474	164	5422	0.400	ng	0.01
19) Phenanthrene-d10	17.225	188	12231	0.400	ng	# 0.01
29) Chrysene-d12	21.431	240	9950	0.400	ng	0.00
35) Perylene-d12	23.784	264	7632	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.420	112	588	0.094	ng	0.02
5) Phenol-d6	7.089	99	282	0.038	ng	0.08
8) Nitrobenzene-d5	9.014	82	1156	0.200	ng	0.04
11) 2-Methylnaphthalene-d10	12.227	152	4349	0.357	ng	0.02
14) 2,4,6-Tribromophenol	15.984	330	406	0.199	ng	0.01
15) 2-Fluorobiphenyl	13.105	172	5591	0.250	ng	0.01
27) Fluoranthene-d10	19.261	212	13487	0.371	ng	0.00
31) Terphenyl-d14	19.864	244	9579	0.403	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.247	88	13642	4.616	ng	95
3) n-Nitrosodimethylamine	3.637	42	55	0.020	ng	# 12
6) bis(2-Chloroethyl)ether	7.284	93	199	0.031	ng	# 89
24) Pentachlorophenol	16.918	266	25	0.194	ng	# 83
34) Bis(2-ethylhexyl)phtha...	21.351	149	2224	0.111	ng	96

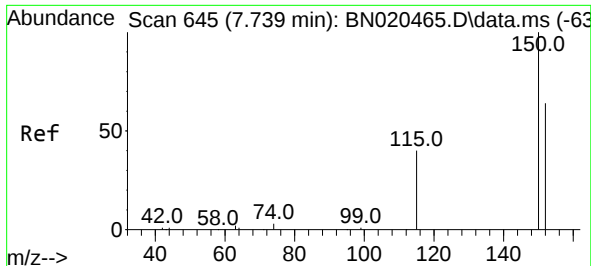
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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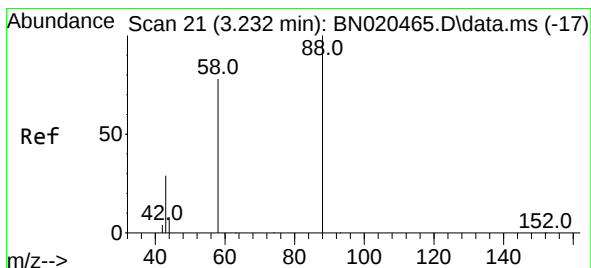
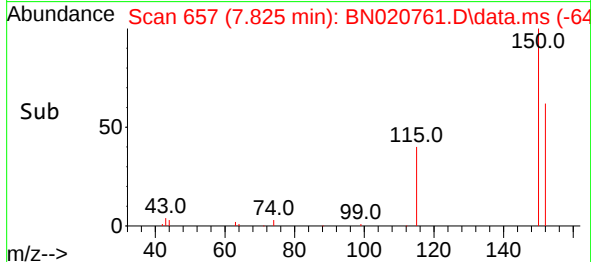
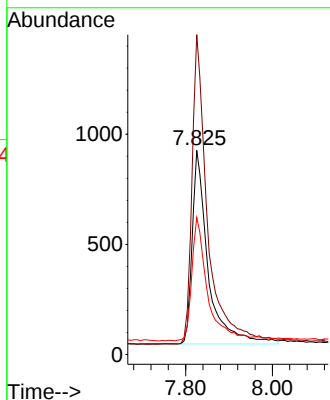
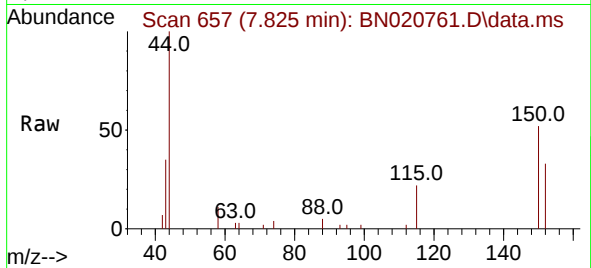




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.825 min Scan# 61
 Delta R.T. 0.014 min
 Lab File: BN020761.D
 Acq: 18 Jul 2022 17:49

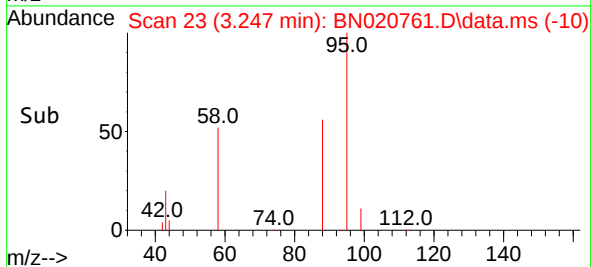
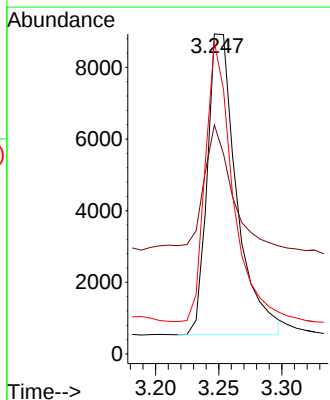
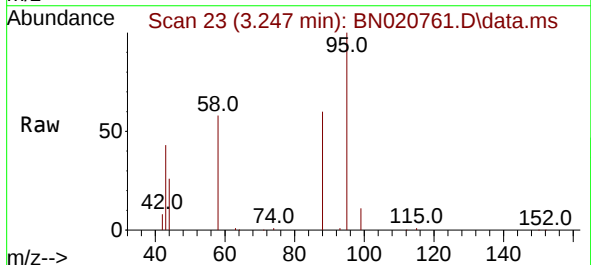
Instrument :
 BNA_N
 ClientSampleId :
 SP-100-20220714

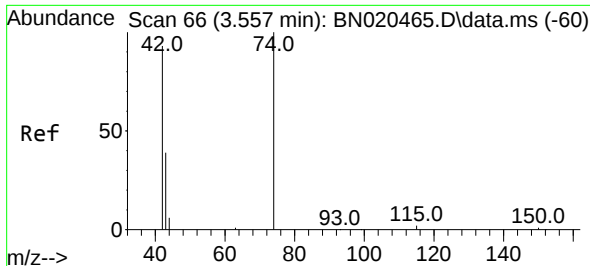
Tgt Ion:152 Resp: 2255
 Ion Ratio Lower Upper
 152 100
 150 156.6 127.9 191.9
 115 67.1 51.4 77.2



#2
 1,4-Dioxane
 Concen: 4.616 ng
 RT: 3.247 min Scan# 23
 Delta R.T. -0.007 min
 Lab File: BN020761.D
 Acq: 18 Jul 2022 17:49

Tgt Ion: 88 Resp: 13642
 Ion Ratio Lower Upper
 88 100
 43 41.0 30.2 45.2
 58 86.6 73.0 109.6

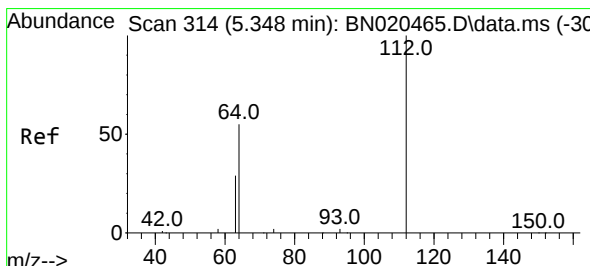
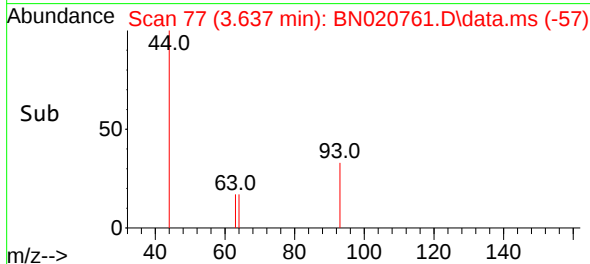
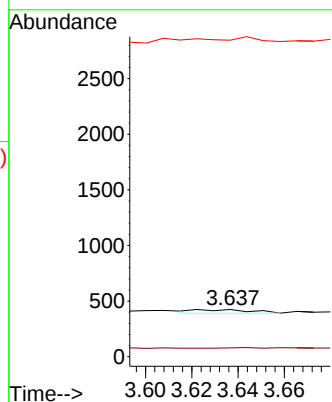
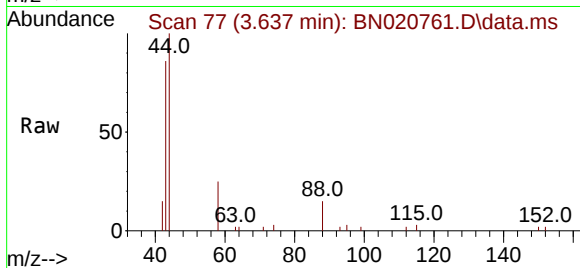




#3
n-Nitrosodimethylamine
Concen: 0.020 ng
RT: 3.637 min Scan# 71
Delta R.T. 0.043 min
Lab File: BN020761.D
Acq: 18 Jul 2022 17:49

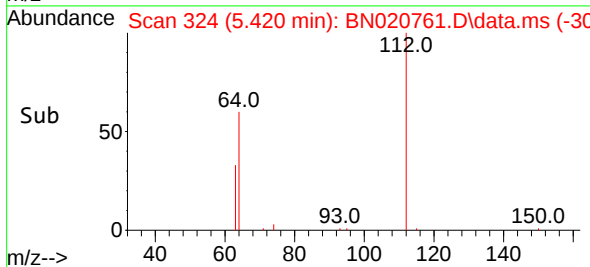
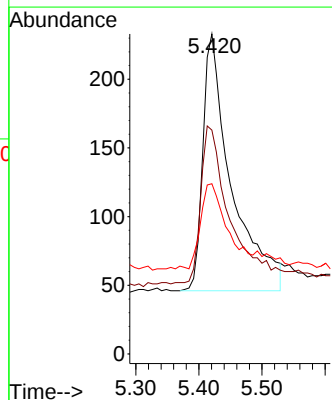
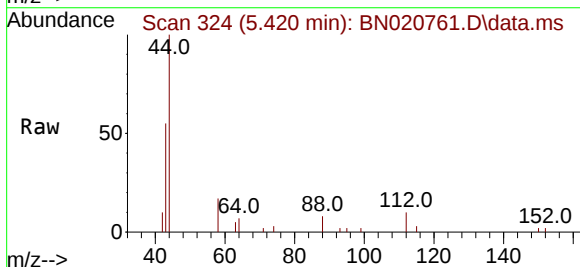
Instrument :
BNA_N
ClientSampleId :
SP-100-20220714

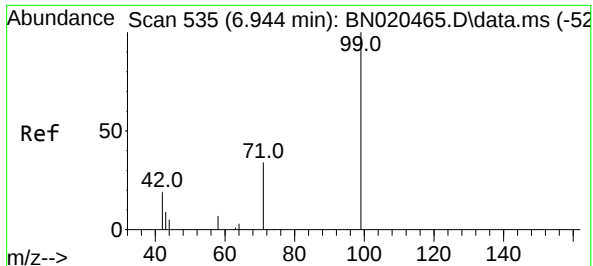
Tgt Ion: 42 Resp: 55
Ion Ratio Lower Upper
42 100
74 7.3 84.0 126.0#
44 0.0 9.8 14.8#



#4
2-Fluorophenol
Concen: 0.094 ng
RT: 5.420 min Scan# 324
Delta R.T. 0.022 min
Lab File: BN020761.D
Acq: 18 Jul 2022 17:49

Tgt Ion: 112 Resp: 588
Ion Ratio Lower Upper
112 100
64 63.1 49.1 73.7
63 31.3 26.3 39.5

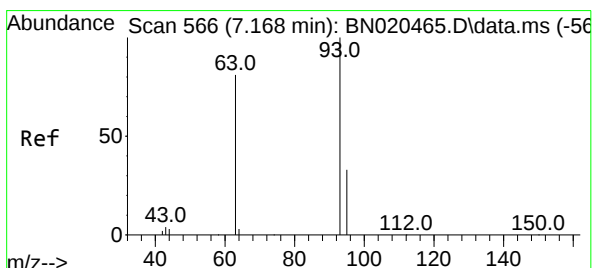
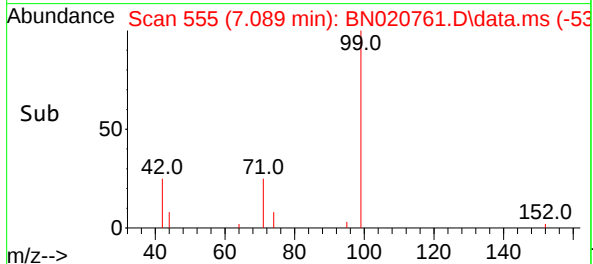
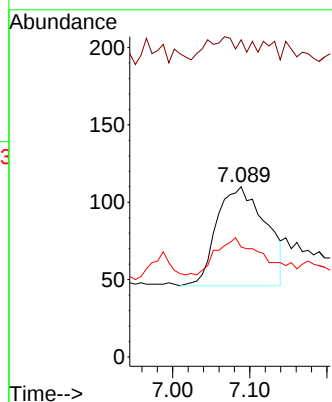
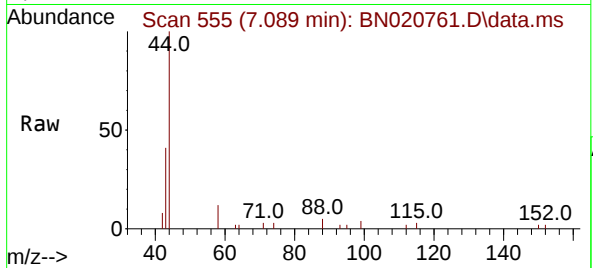




#5
Phenol-d6
Concen: 0.038 ng
RT: 7.089 min Scan# 51
Delta R.T. 0.079 min
Lab File: BN020761.D
Acq: 18 Jul 2022 17:49

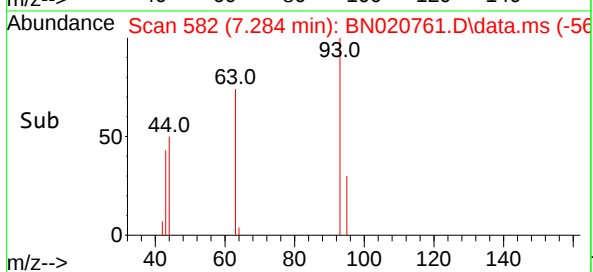
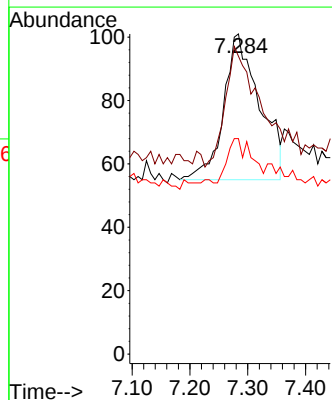
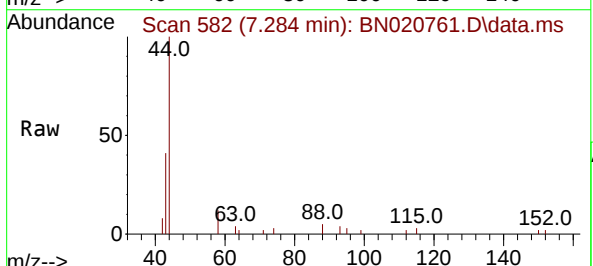
Instrument :
BNA_N
ClientSampleId :
SP-100-20220714

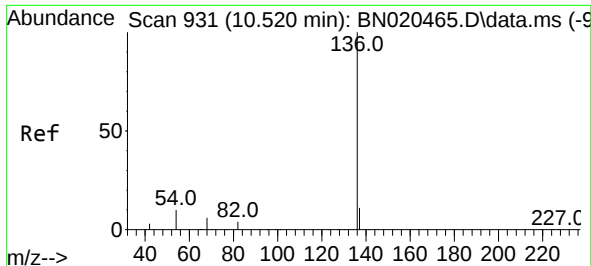
Tgt Ion: 99 Resp: 282
Ion Ratio Lower Upper
99 100
42 0.0 19.3 28.9#
71 33.3 27.5 41.3



#6
bis(2-Chloroethyl)ether
Concen: 0.031 ng
RT: 7.284 min Scan# 582
Delta R.T. 0.043 min
Lab File: BN020761.D
Acq: 18 Jul 2022 17:49

Tgt Ion: 93 Resp: 199
Ion Ratio Lower Upper
93 100
63 78.4 67.4 101.0
95 20.1 26.5 39.7#

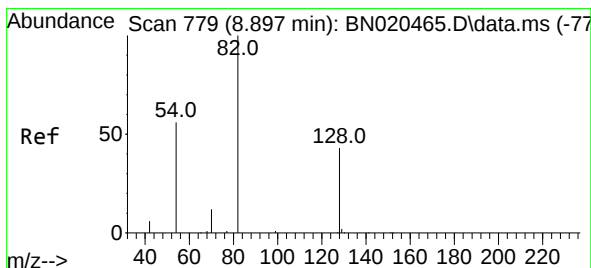
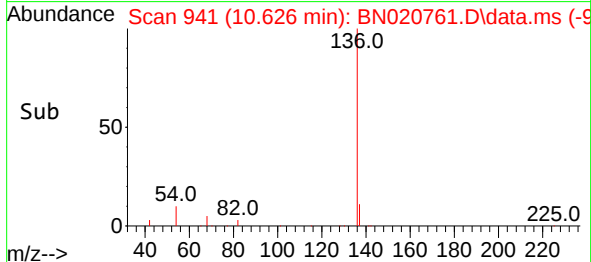
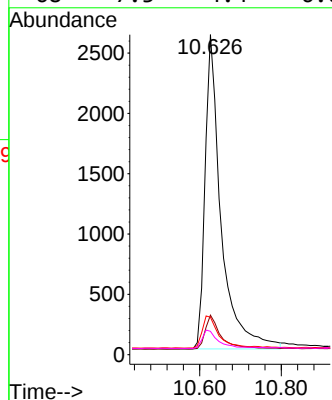
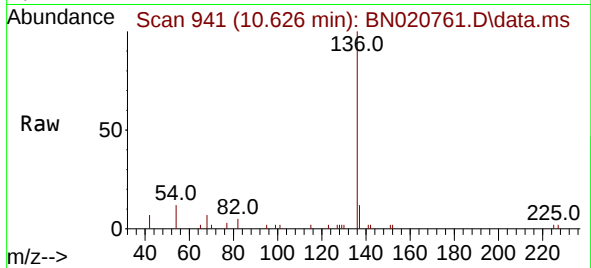




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.626 min Scan# 941
Delta R.T. 0.011 min
Lab File: BN020761.D
Acq: 18 Jul 2022 17:49

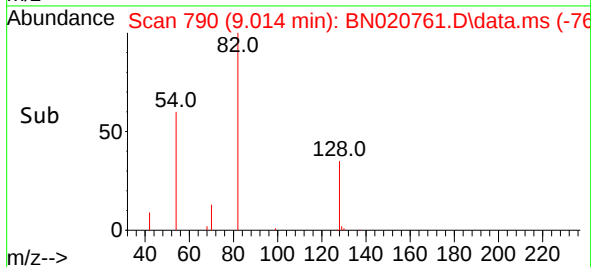
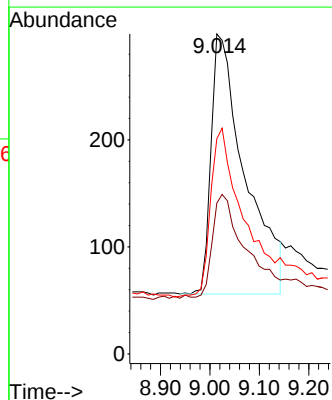
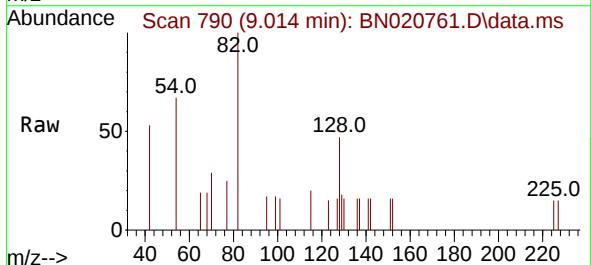
Instrument :
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ClientSampleId :
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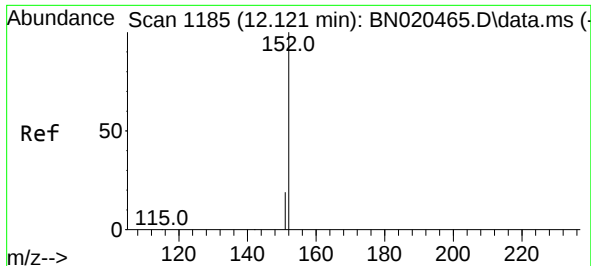
Tgt Ion:136	Resp:	7115
Ion Ratio	Lower	Upper
136	100	
137	12.4	9.0 13.6
54	11.7	6.2 9.2#
68	7.3	4.4 6.6#



#8
Nitrobenzene-d5
Concen: 0.200 ng
RT: 9.014 min Scan# 790
Delta R.T. 0.043 min
Lab File: BN020761.D
Acq: 18 Jul 2022 17:49

Tgt Ion: 82	Resp:	1156
Ion Ratio	Lower	Upper
82	100	
128	47.2	35.0 52.6
54	67.2	46.2 69.4

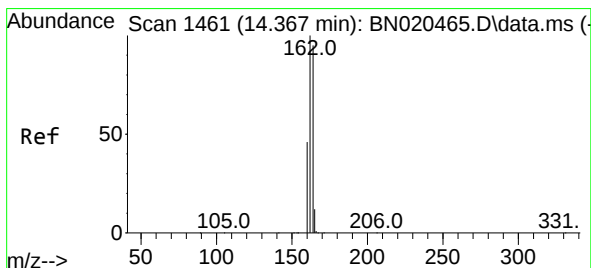
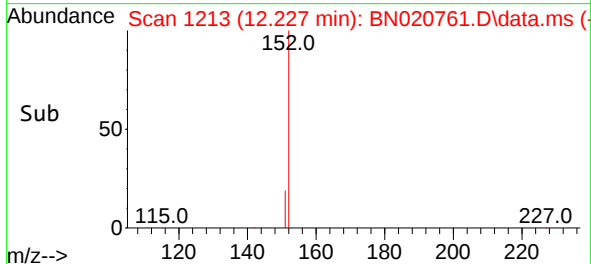
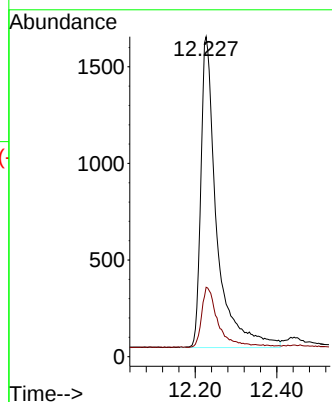
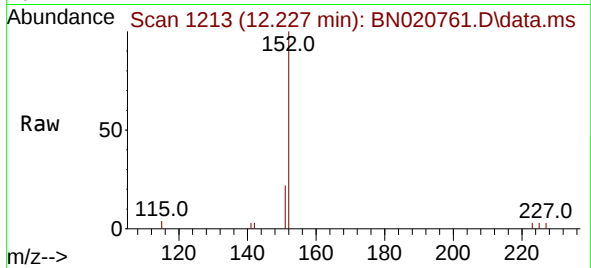




#11
2-Methylnaphthalene-d10
Concen: 0.357 ng
RT: 12.227 min Scan# 1185
Delta R.T. 0.015 min
Lab File: BN020761.D
Acq: 18 Jul 2022 17:49

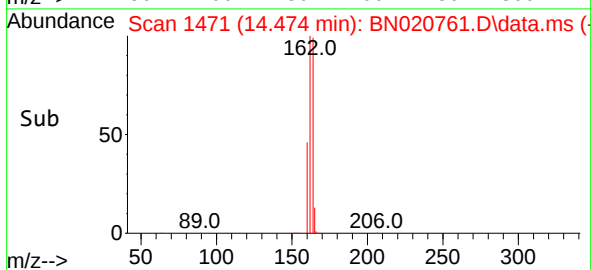
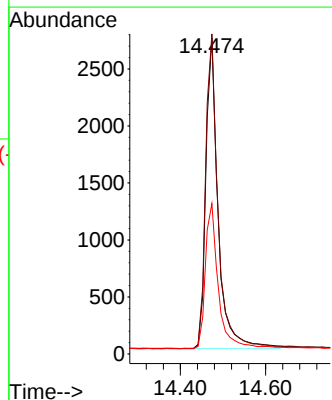
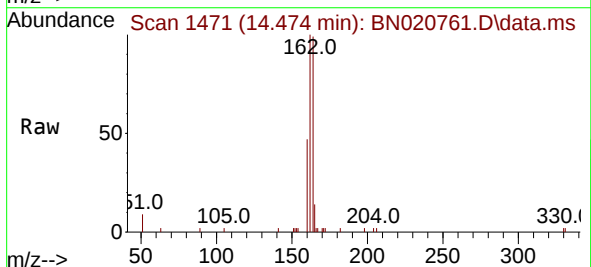
Instrument :
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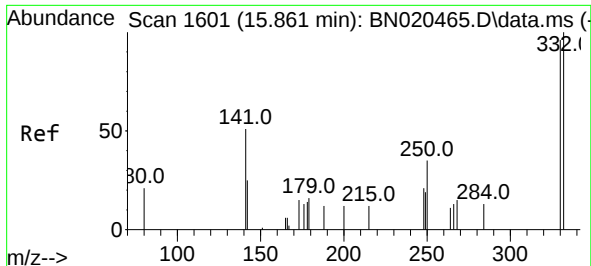
Tgt Ion:152 Resp: 4349
Ion Ratio Lower Upper
152 100
151 19.7 16.2 24.4



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.474 min Scan# 1471
Delta R.T. 0.011 min
Lab File: BN020761.D
Acq: 18 Jul 2022 17:49

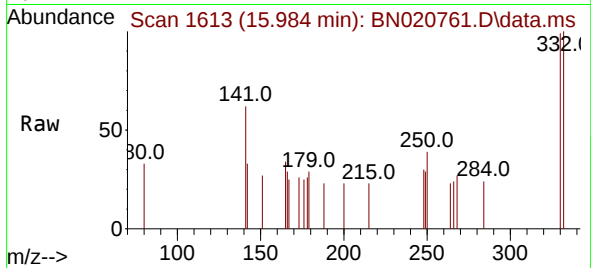
Tgt Ion:164 Resp: 5422
Ion Ratio Lower Upper
164 100
162 101.2 82.1 123.1
160 47.6 38.6 58.0



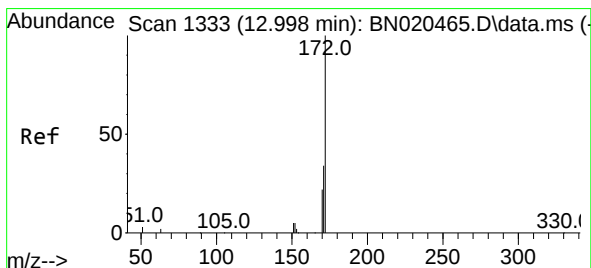
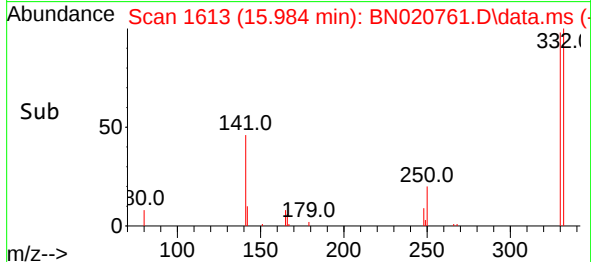
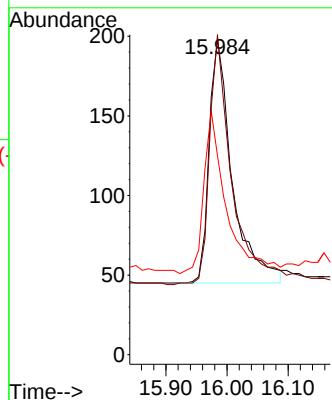


#14
 2,4,6-Tribromophenol
 Concen: 0.199 ng
 RT: 15.984 min Scan# 1
 Delta R.T. 0.010 min
 Lab File: BN020761.D
 Acq: 18 Jul 2022 17:49

Instrument :
 BNA_N
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 SP-100-20220714

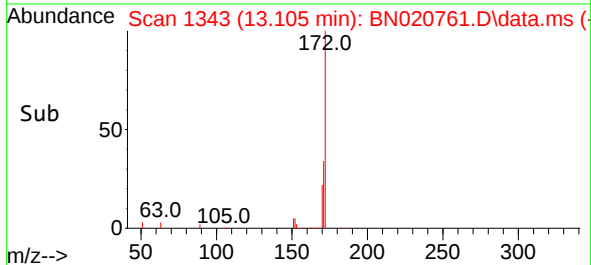
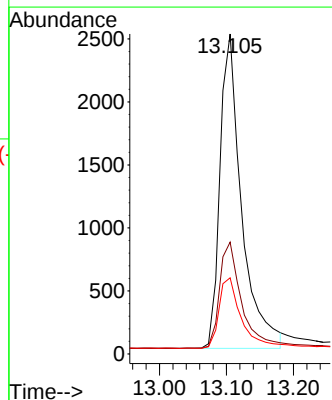
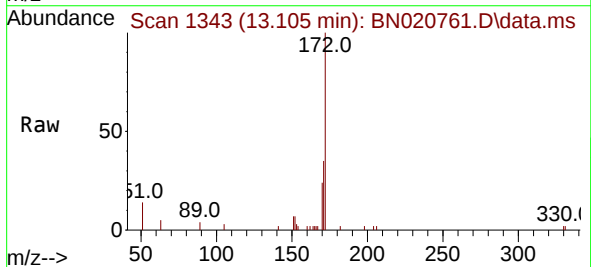


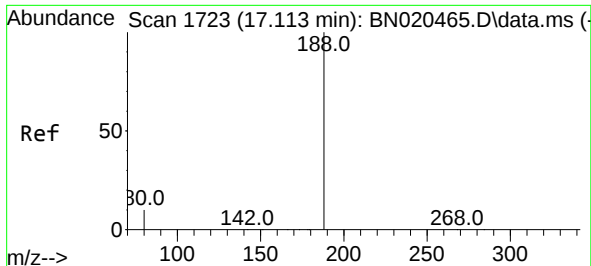
Tgt Ion: 330 Resp: 406
 Ion Ratio Lower Upper
 330 100
 332 99.0 77.6 116.4
 141 64.3 41.0 61.4#



#15
 2-Fluorobiphenyl
 Concen: 0.250 ng
 RT: 13.105 min Scan# 1343
 Delta R.T. 0.011 min
 Lab File: BN020761.D
 Acq: 18 Jul 2022 17:49

Tgt Ion: 172 Resp: 5591
 Ion Ratio Lower Upper
 172 100
 171 34.9 27.2 40.8
 170 23.8 18.2 27.4

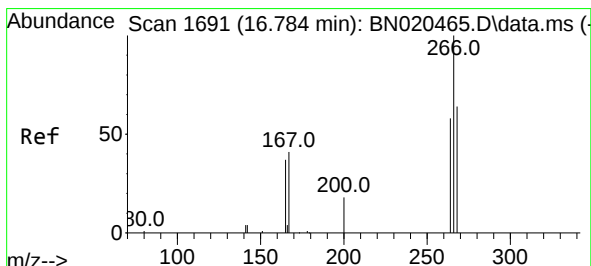
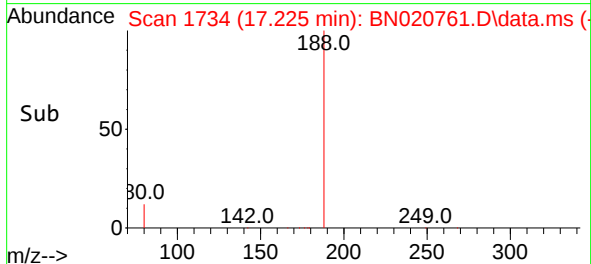
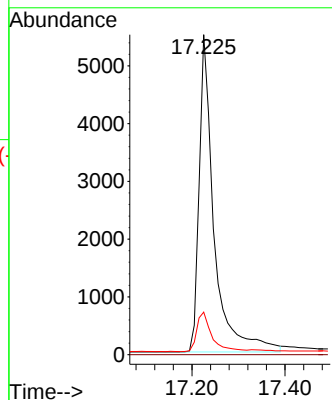
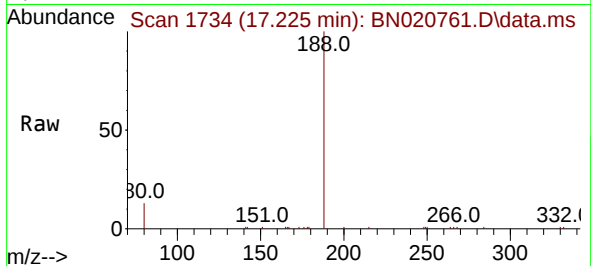




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.225 min Scan# 1704
Delta R.T. 0.010 min
Lab File: BN020761.D
Acq: 18 Jul 2022 17:49

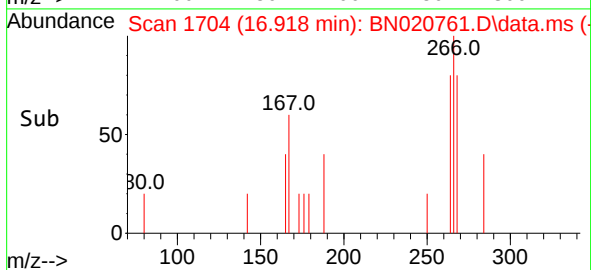
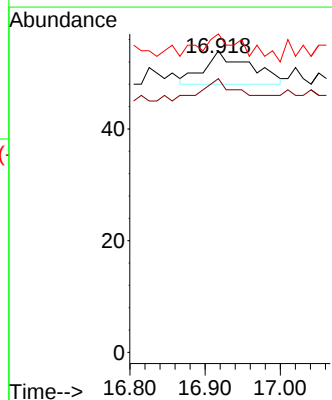
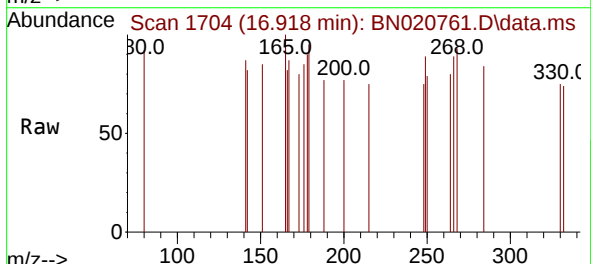
Instrument :
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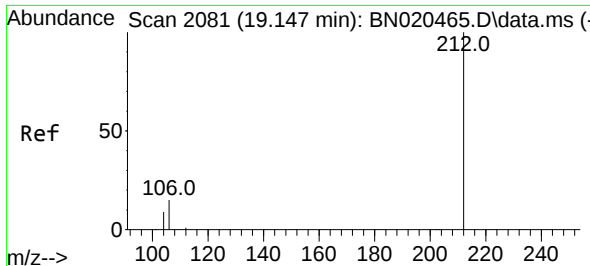
Tgt Ion:188 Resp: 12231
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.3 7.4 11.2#



#24
Pentachlorophenol
Concen: 0.194 ng
RT: 16.918 min Scan# 1704
Delta R.T. 0.031 min
Lab File: BN020761.D
Acq: 18 Jul 2022 17:49

Tgt Ion:266 Resp: 25
Ion Ratio Lower Upper
266 100
264 56.0 51.3 76.9
268 84.0 52.6 79.0#

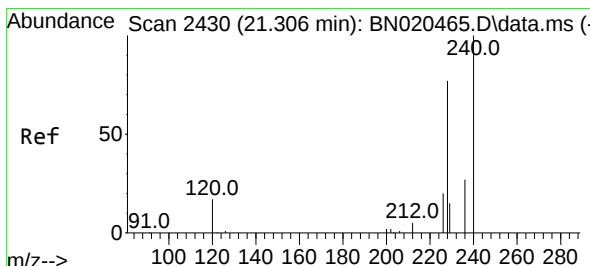
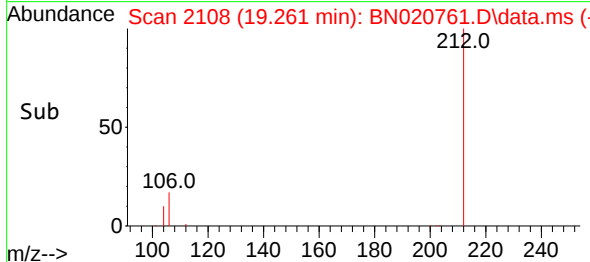
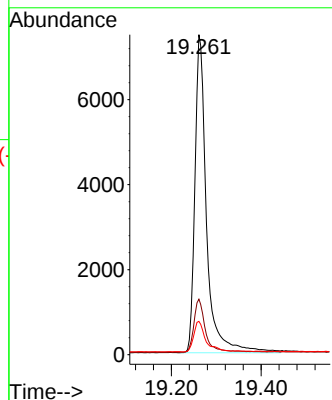
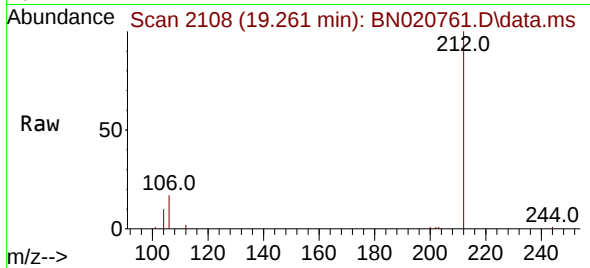




#27
Fluoranthene-d10
Concen: 0.371 ng
RT: 19.261 min Scan# 2108
Delta R.T. -0.000 min
Lab File: BN020761.D
Acq: 18 Jul 2022 17:49

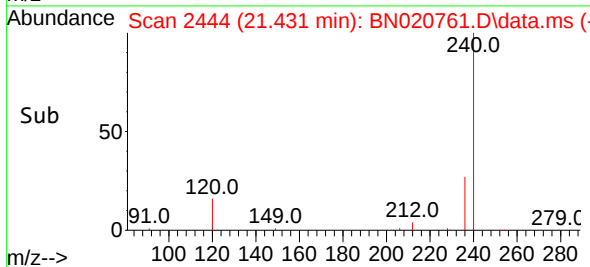
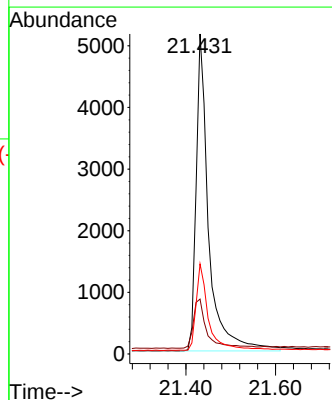
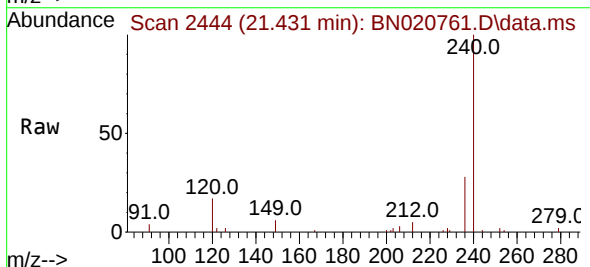
Instrument :
BNA_N
ClientSampleId :
SP-100-20220714

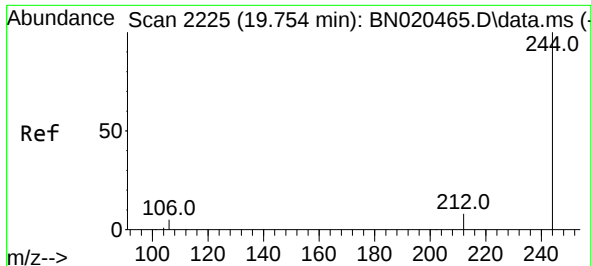
Tgt Ion:212 Resp: 13487
Ion Ratio Lower Upper
212 100
106 16.0 12.6 19.0
104 9.8 7.2 10.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.431 min Scan# 2444
Delta R.T. -0.000 min
Lab File: BN020761.D
Acq: 18 Jul 2022 17:49

Tgt Ion:240 Resp: 9950
Ion Ratio Lower Upper
240 100
120 17.2 14.6 21.8
236 28.2 22.6 33.8

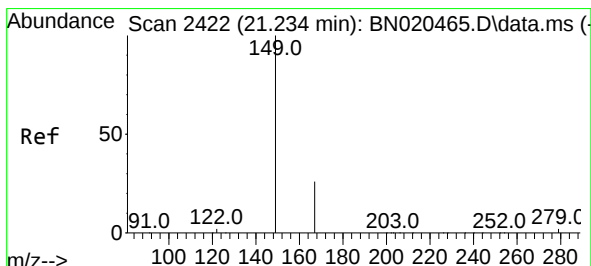
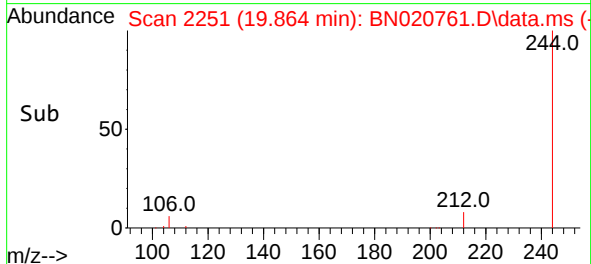
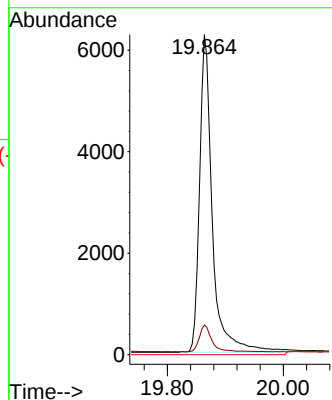
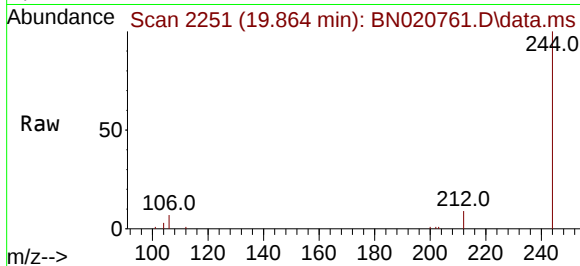




#31
 Terphenyl-d14
 Concen: 0.403 ng
 RT: 19.864 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN020761.D
 Acq: 18 Jul 2022 17:49

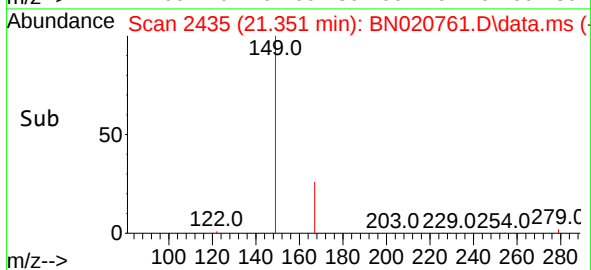
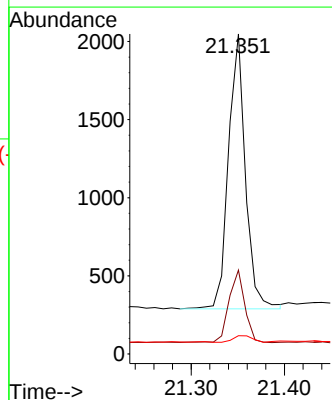
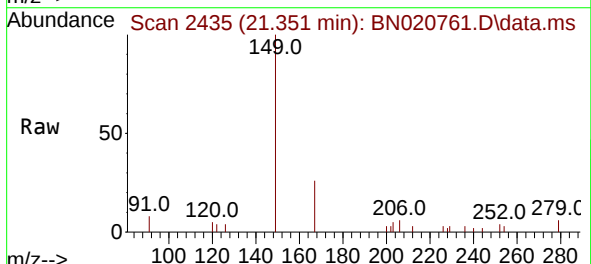
Instrument :
 BNA_N
 ClientSampleId :
 SP-100-20220714

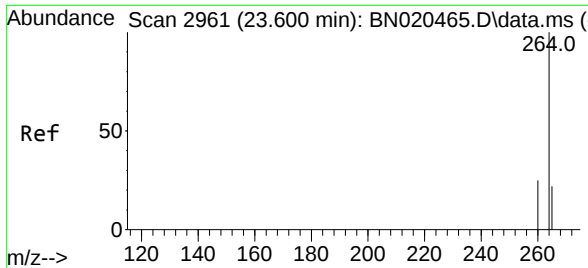
Tgt Ion:244 Resp: 9579
 Ion Ratio Lower Upper
 244 100
 212 9.3 7.1 10.7
 122 0.0 0.0 0.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.111 ng
 RT: 21.351 min Scan# 2435
 Delta R.T. -0.000 min
 Lab File: BN020761.D
 Acq: 18 Jul 2022 17:49

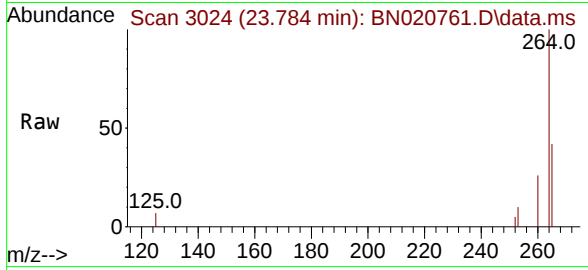
Tgt Ion:149 Resp: 2224
 Ion Ratio Lower Upper
 149 100
 167 24.6 21.7 32.5
 279 2.8 2.2 3.2





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.784 min Scan# 30
 Delta R.T. 0.006 min
 Lab File: BN020761.D
 Acq: 18 Jul 2022 17:49

Instrument :
 BNA_N
 ClientSampleId :
 SP-100-20220714



Tgt Ion:264 Resp: 7632

Ion	Ratio	Lower	Upper
264	100		
260	26.2	20.9	31.3
265	42.2	28.0	42.0

