

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100422\
 Data File : BN022007.D
 Acq On : 04 Oct 2022 15:00
 Operator : CG/JU
 Sample : N4971-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWOW-BR-02-231-251-100322

Quant Time: Oct 04 23:04:45 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 04 01:32:21 2022
 Response via : Initial Calibration

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

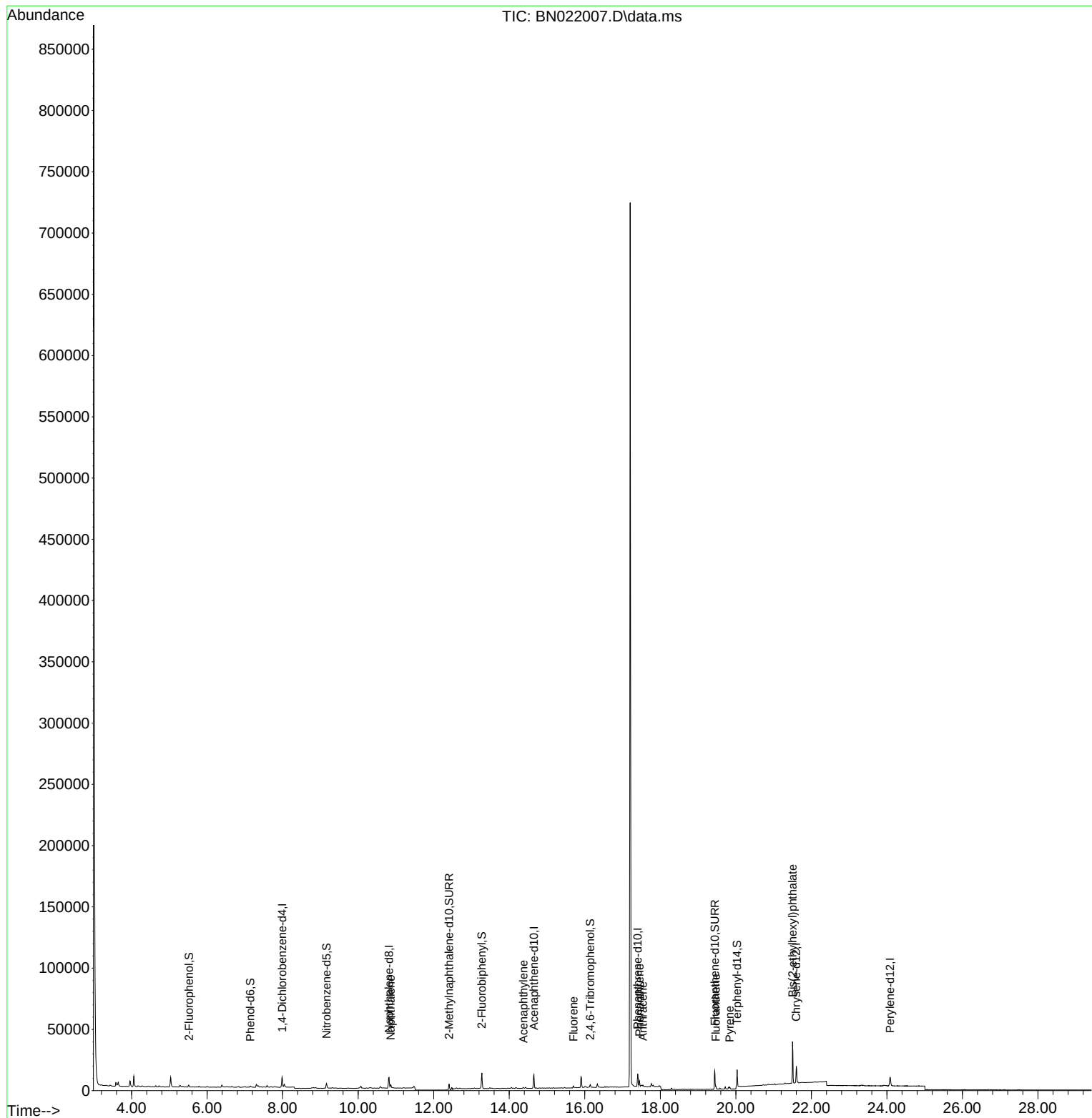
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.986	152	4072	0.400	ng	0.00
7) Naphthalene-d8	10.816	136	12630	0.400	ng	0.00
13) Acenaphthene-d10	14.653	164	6671	0.400	ng	0.00
19) Phenanthrene-d10	17.400	188	13768	0.400	ng	#-0.01
29) Chrysene-d12	21.600	240	12341	0.400	ng	# 0.00
35) Perylene-d12	24.084	264	10750	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.516	112	1459	0.155	ng	0.00
5) Phenol-d6	7.141	99	1087	0.089	ng	0.00
8) Nitrobenzene-d5	9.161	82	3705	0.365	ng	0.00
11) 2-Methylnaphthalene-d10	12.406	152	7440	0.320	ng	0.00
14) 2,4,6-Tribromophenol	16.146	330	1110	0.436	ng	0.00
15) 2-Fluorobiphenyl	13.274	172	10566	0.363	ng	-0.01
27) Fluoranthene-d10	19.441	212	15671	0.428	ng	0.00
31) Terphenyl-d14	20.033	244	9894	0.399	ng	0.00
Target Compounds						
						Qvalue
9) Naphthalene	10.859	128	3796	0.100	ng	94
16) Acenaphthylene	14.375	152	714	0.022	ng	94
18) Fluorene	15.701	166	927	0.034	ng	97
25) Phenanthrene	17.449	178	5322	0.112	ng	99
26) Anthracene	17.536	178	1428	0.038	ng	# 87
28) Fluoranthene	19.470	202	2000	0.039	ng	# 87
30) Pyrene	19.833	202	1546	0.029	ng	# 94
34) Bis(2-ethylhexyl)phtha...	21.502	149	31276	1.405	ng	99

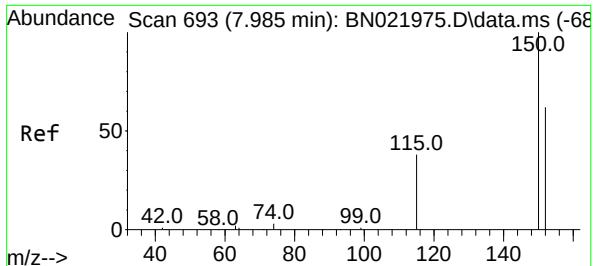
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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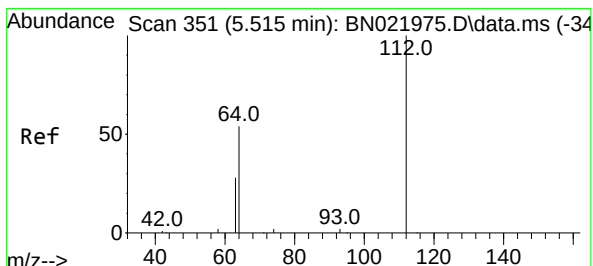
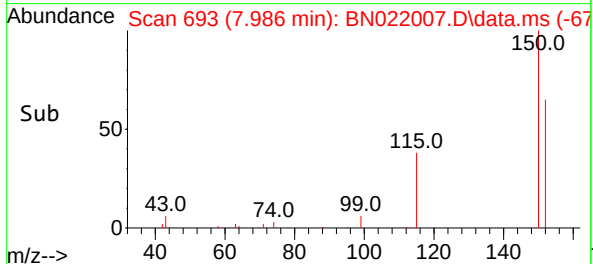
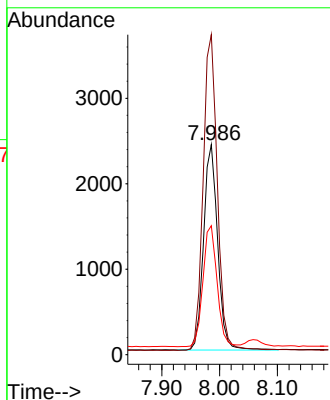
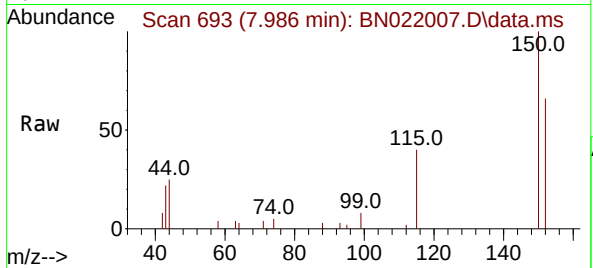




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.986 min Scan# 693
 Delta R.T. 0.001 min
 Lab File: BN022007.D
 Acq: 04 Oct 2022 15:00

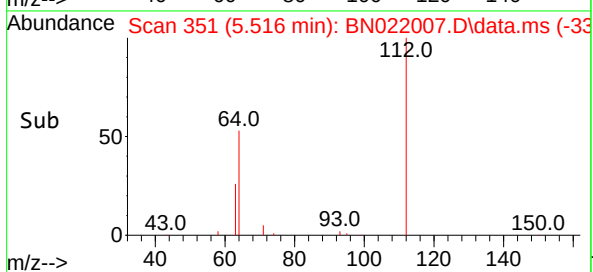
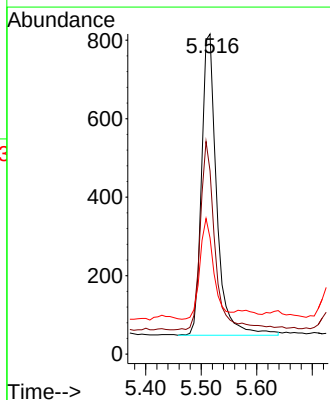
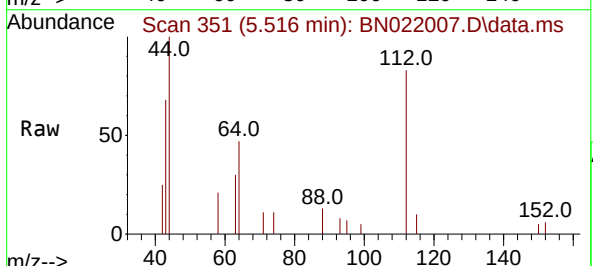
Instrument :
 BNA_N
 ClientSampleId :
 GWOW-BR-02-231-251-100322

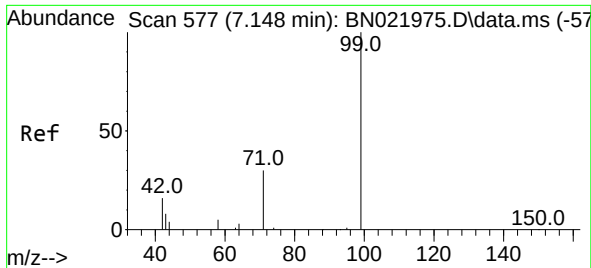
Tgt Ion:152 Resp: 4072
 Ion Ratio Lower Upper
 152 100
 150 152.3 127.2 190.8
 115 61.4 51.4 77.0



#4
 2-Fluorophenol
 Concen: 0.155 ng
 RT: 5.516 min Scan# 351
 Delta R.T. 0.000 min
 Lab File: BN022007.D
 Acq: 04 Oct 2022 15:00

Tgt Ion:112 Resp: 1459
 Ion Ratio Lower Upper
 112 100
 64 60.7 46.9 70.3
 63 30.5 24.6 37.0

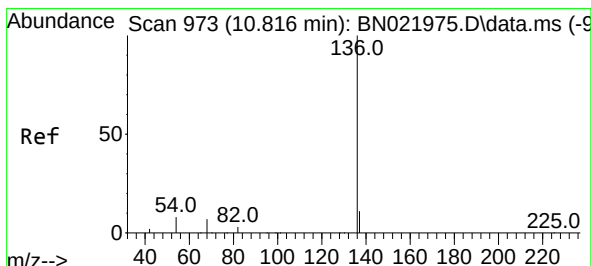
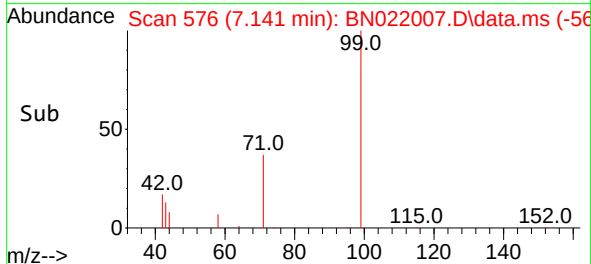
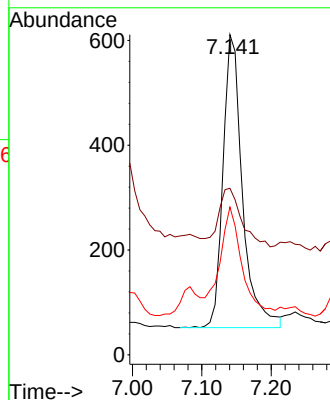
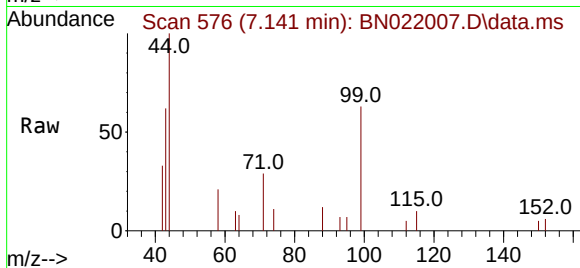




#5
Phenol-d6
Concen: 0.089 ng
RT: 7.141 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN022007.D
Acq: 04 Oct 2022 15:00

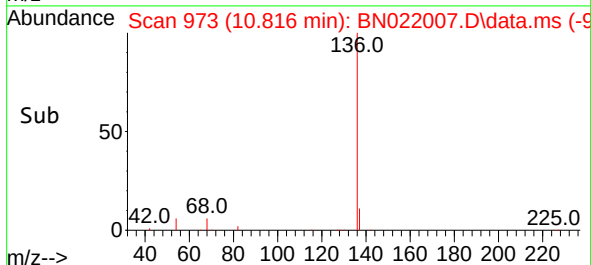
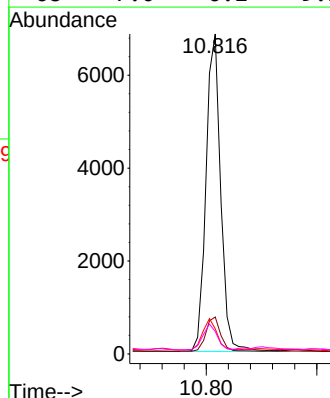
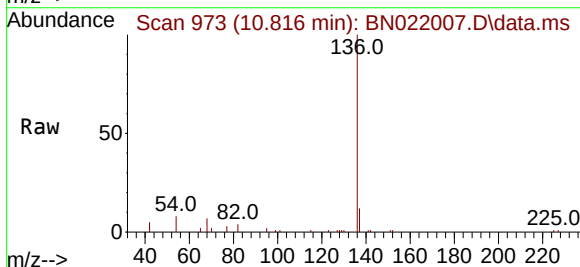
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-02-231-251-100322

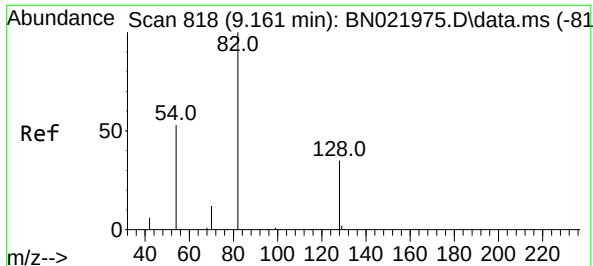
Tgt Ion:	99	Resp:	1087
Ion	Ratio	Lower	Upper
99	100		
42	23.6	15.9	23.9
71	37.0	25.6	38.4



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.816 min Scan# 973
Delta R.T. 0.000 min
Lab File: BN022007.D
Acq: 04 Oct 2022 15:00

Tgt Ion:	136	Resp:	12630
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.2	13.8
54	7.8	7.1	10.7
68	7.0	6.2	9.2

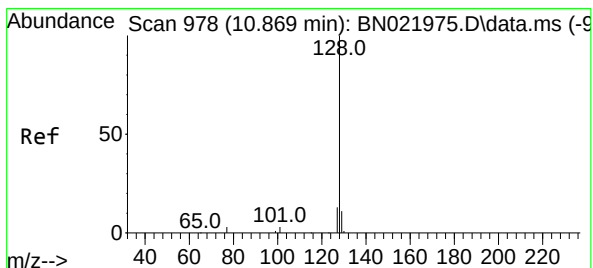
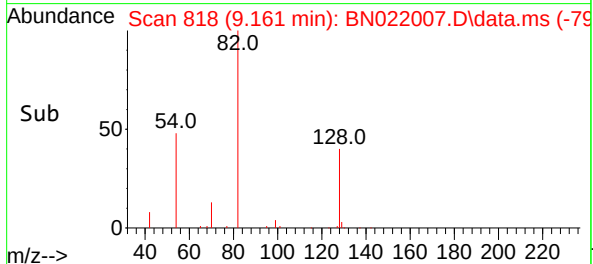
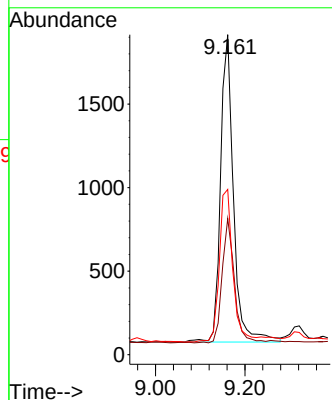
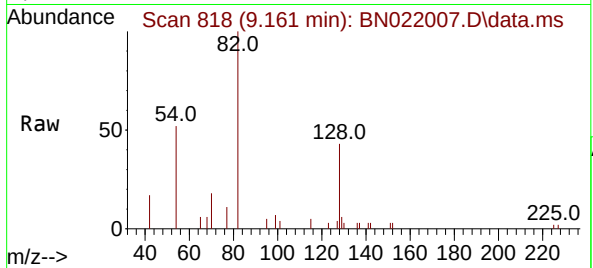




#8
Nitrobenzene-d5
Concen: 0.365 ng
RT: 9.161 min Scan# 818
Delta R.T. 0.000 min
Lab File: BN022007.D
Acq: 04 Oct 2022 15:00

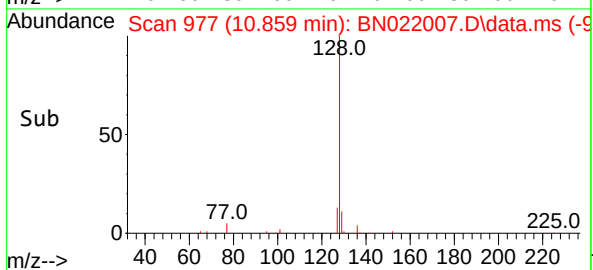
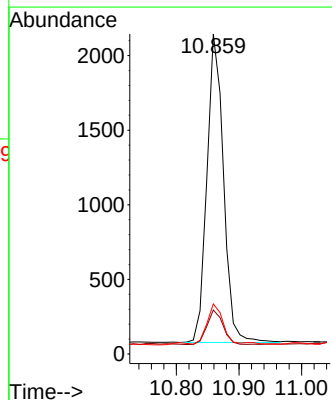
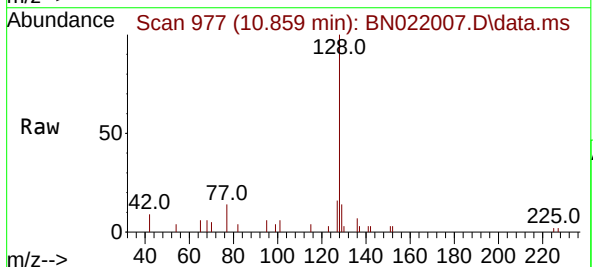
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-02-231-251-100322

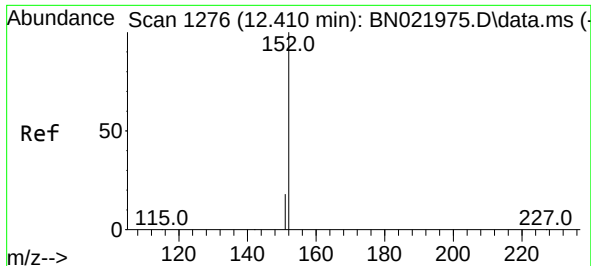
Tgt Ion: 82 Resp: 3705
Ion Ratio Lower Upper
82 100
128 42.6 29.9 44.9
54 51.6 43.5 65.3



#9
Naphthalene
Concen: 0.100 ng
RT: 10.859 min Scan# 977
Delta R.T. -0.010 min
Lab File: BN022007.D
Acq: 04 Oct 2022 15:00

Tgt Ion: 128 Resp: 3796
Ion Ratio Lower Upper
128 100
129 13.8 9.3 13.9
127 15.7 10.6 16.0

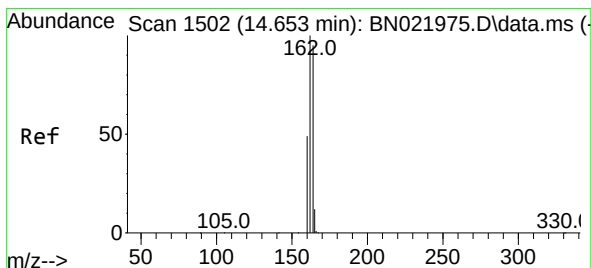
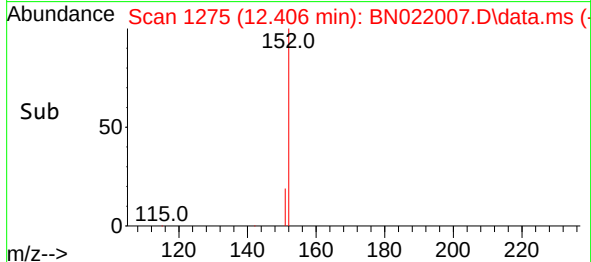
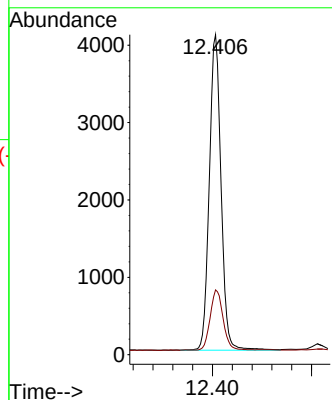
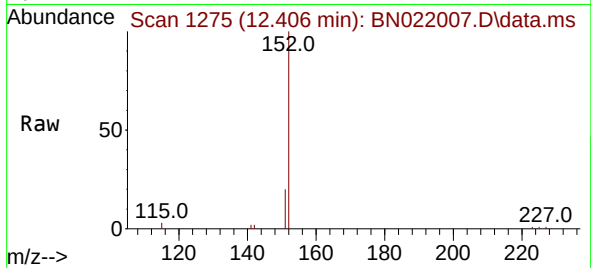




#11
 2-Methylnaphthalene-d10
 Concen: 0.320 ng
 RT: 12.406 min Scan# 11
 Delta R.T. -0.004 min
 Lab File: BN022007.D
 Acq: 04 Oct 2022 15:00

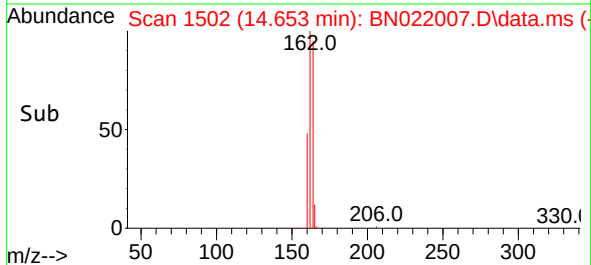
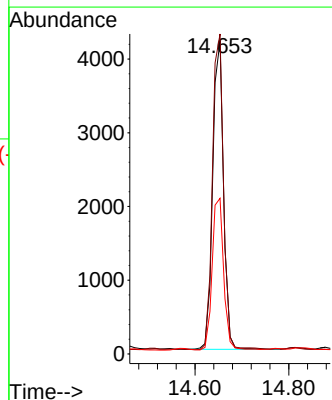
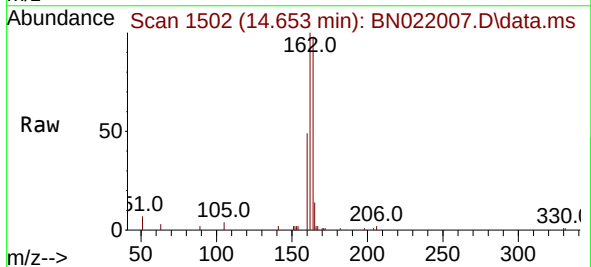
Instrument :
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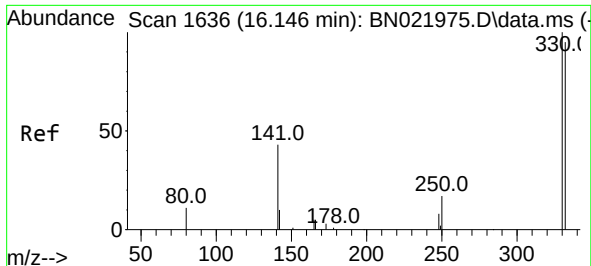
Tgt Ion:152 Resp: 7440
 Ion Ratio Lower Upper
 152 100
 151 18.8 13.8 20.6



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.653 min Scan# 1502
 Delta R.T. 0.000 min
 Lab File: BN022007.D
 Acq: 04 Oct 2022 15:00

Tgt Ion:164 Resp: 6671
 Ion Ratio Lower Upper
 164 100
 162 102.1 84.3 126.5
 160 49.7 41.7 62.5

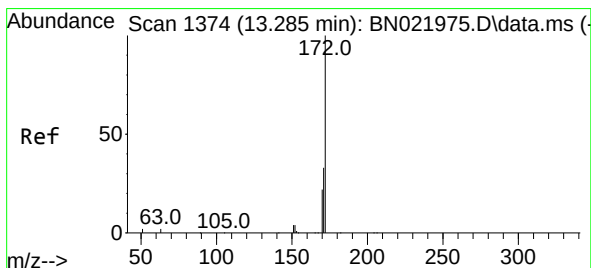
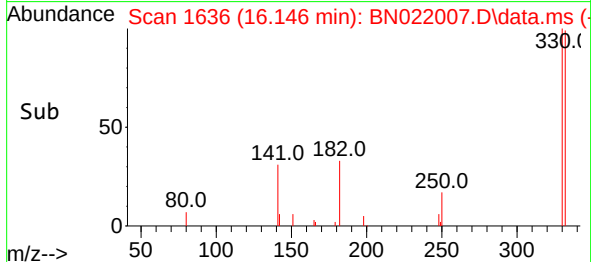
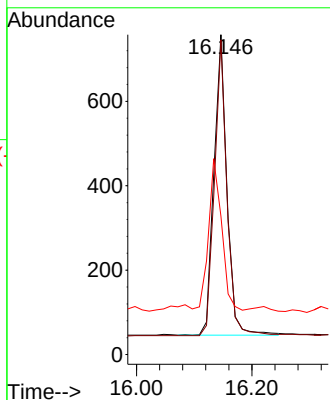
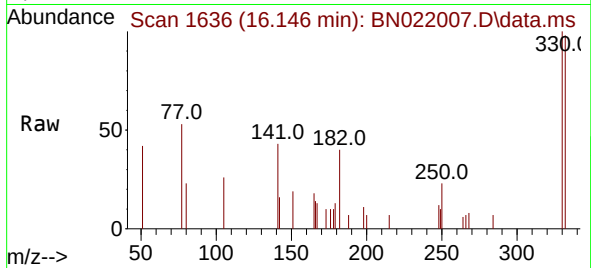




#14
2,4,6-Tribromophenol
Concen: 0.436 ng
RT: 16.146 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN022007.D
Acq: 04 Oct 2022 15:00

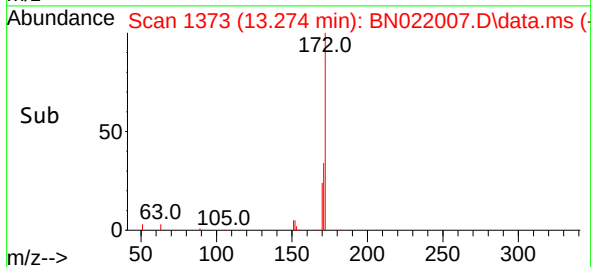
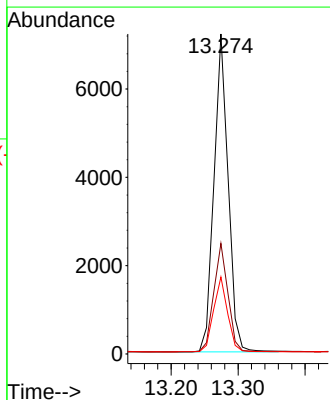
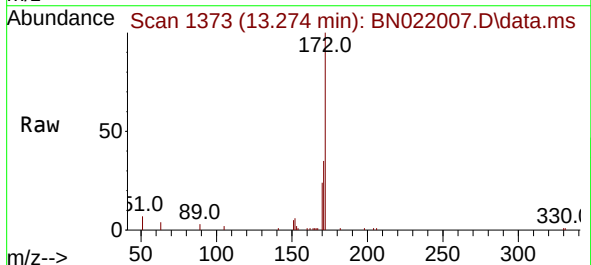
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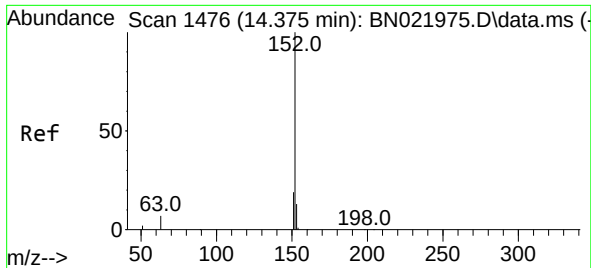
Tgt Ion:330 Resp: 1110
Ion Ratio Lower Upper
330 100
332 94.3 77.0 115.4
141 50.6 35.3 52.9



#15
2-Fluorobiphenyl
Concen: 0.363 ng
RT: 13.274 min Scan# 1373
Delta R.T. -0.011 min
Lab File: BN022007.D
Acq: 04 Oct 2022 15:00

Tgt Ion:172 Resp: 10566
Ion Ratio Lower Upper
172 100
171 34.6 27.2 40.8
170 24.1 18.3 27.5

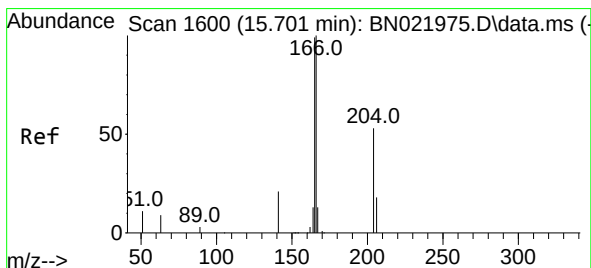
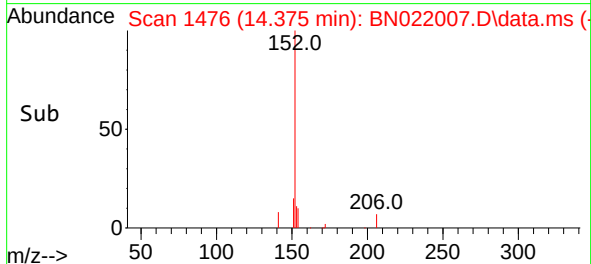
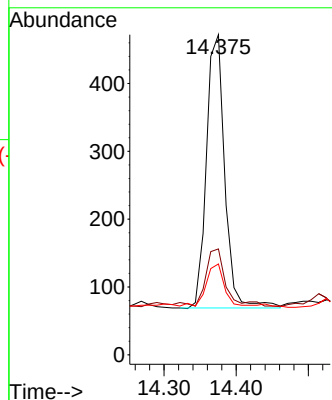
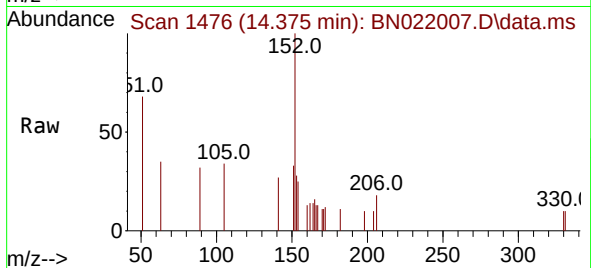




#16
Acenaphthylene
Concen: 0.022 ng
RT: 14.375 min Scan# 1476
Delta R.T. 0.000 min
Lab File: BN022007.D
Acq: 04 Oct 2022 15:00

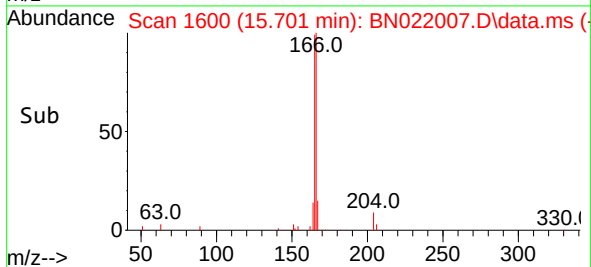
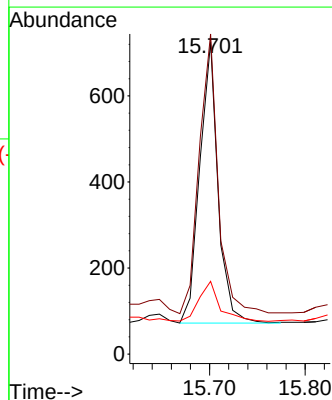
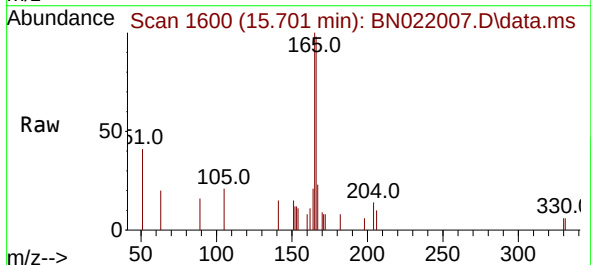
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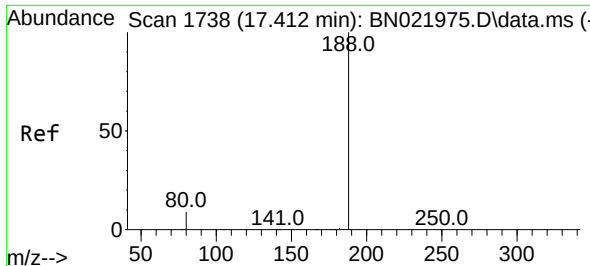
Tgt Ion:	152	Resp:	714
Ion	Ratio	Lower	Upper
152	100		
151	22.7	15.5	23.3
153	14.7	10.4	15.6



#18
Fluorene
Concen: 0.034 ng
RT: 15.701 min Scan# 1600
Delta R.T. 0.000 min
Lab File: BN022007.D
Acq: 04 Oct 2022 15:00

Tgt Ion:	166	Resp:	927
Ion	Ratio	Lower	Upper
166	100		
165	102.8	80.0	120.0
167	15.9	10.9	16.3





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.400 min Scan# 1738

Delta R.T. -0.012 min

Lab File: BN022007.D

Acq: 04 Oct 2022 15:00

Instrument :

BNA_N

ClientSampleId :

GWOW-BR-02-231-251-100322

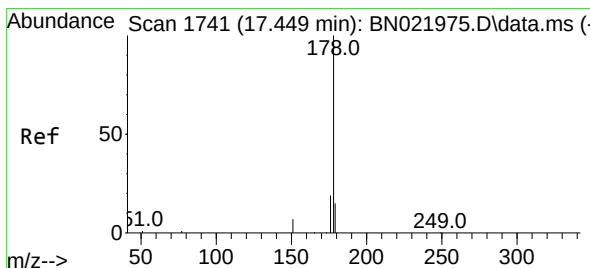
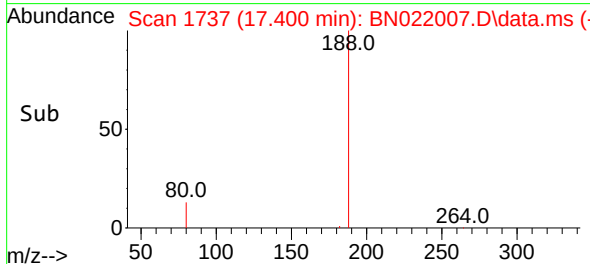
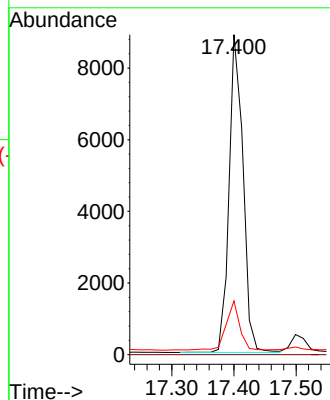
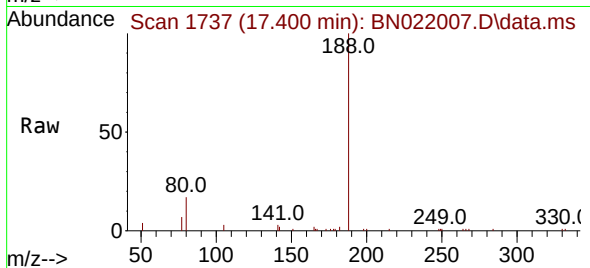
Tgt Ion:188 Resp: 13768

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 16.8 7.5 11.3#



#25

Phenanthrene

Concen: 0.112 ng

RT: 17.449 min Scan# 1741

Delta R.T. 0.000 min

Lab File: BN022007.D

Acq: 04 Oct 2022 15:00

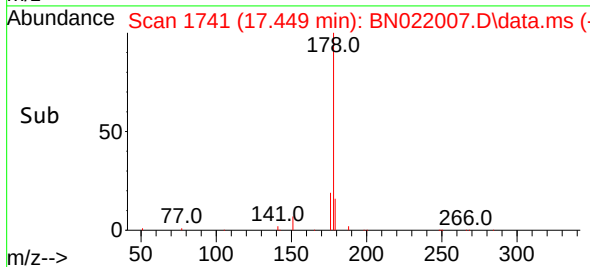
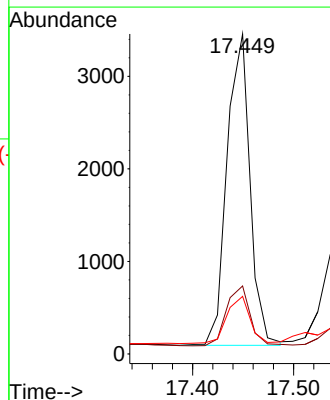
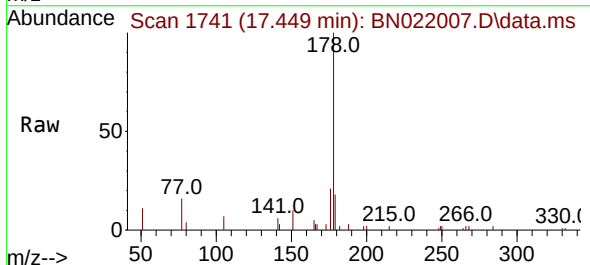
Tgt Ion:178 Resp: 5322

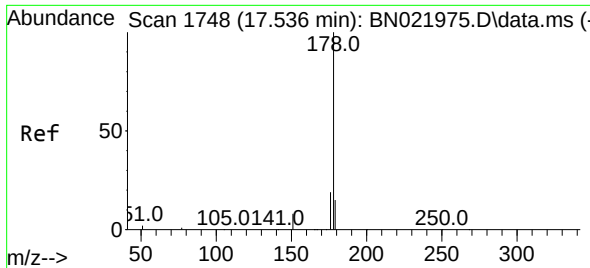
Ion Ratio Lower Upper

178 100

176 20.0 15.4 23.0

179 15.2 12.2 18.2

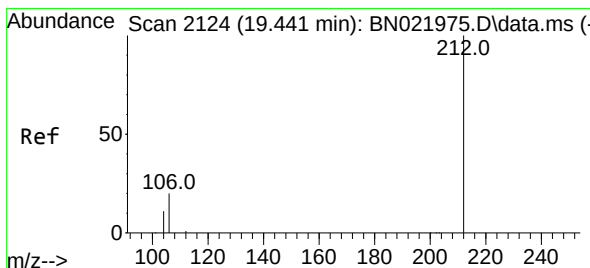
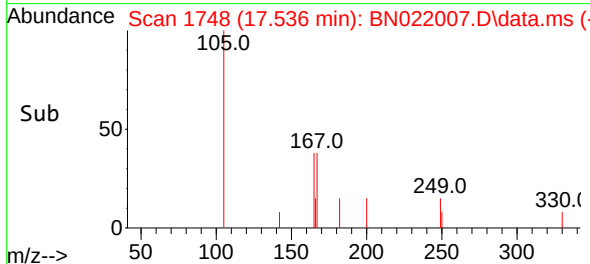
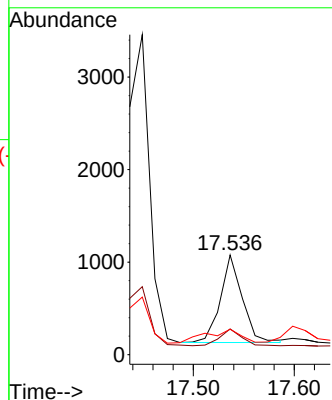
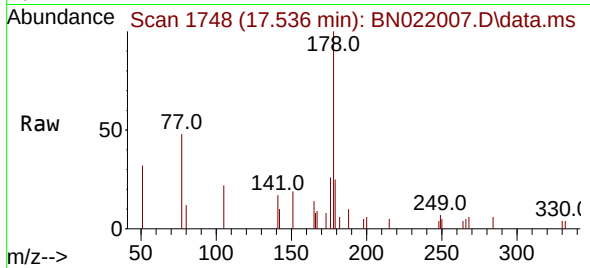




#26
 Anthracene
 Concen: 0.038 ng
 RT: 17.536 min Scan# 1748
 Delta R.T. 0.000 min
 Lab File: BN022007.D
 Acq: 04 Oct 2022 15:00

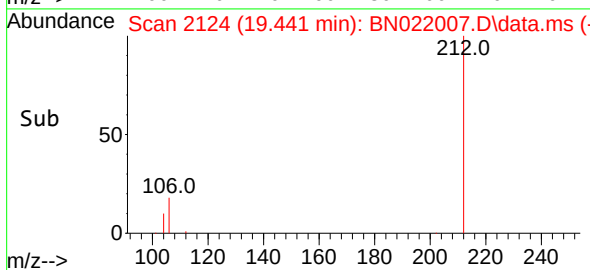
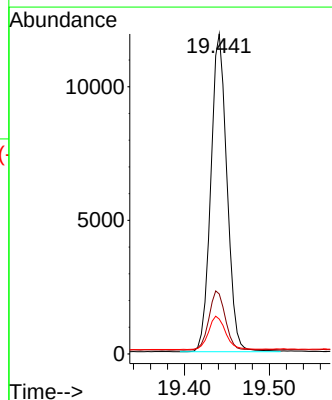
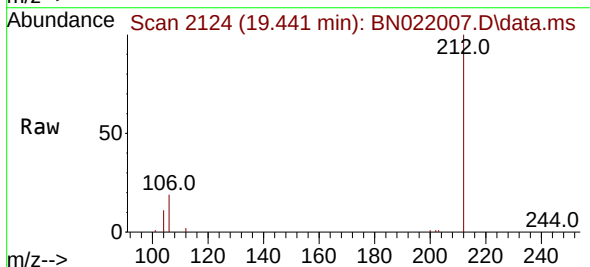
Instrument :
 BNA_N
 ClientSampleId :
 GWOW-BR-02-231-251-100322

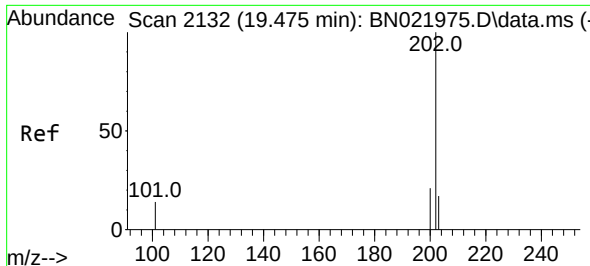
Tgt Ion:178 Resp: 1428
 Ion Ratio Lower Upper
 178 100
 176 20.3 14.8 22.2
 179 25.4 12.2 18.2#



#27
 Fluoranthene-d10
 Concen: 0.428 ng
 RT: 19.441 min Scan# 2124
 Delta R.T. 0.000 min
 Lab File: BN022007.D
 Acq: 04 Oct 2022 15:00

Tgt Ion:212 Resp: 15671
 Ion Ratio Lower Upper
 212 100
 106 19.1 15.2 22.8
 104 11.1 8.6 13.0

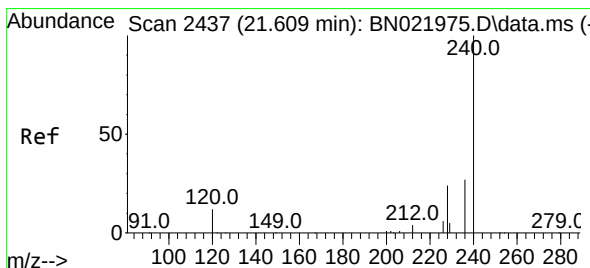
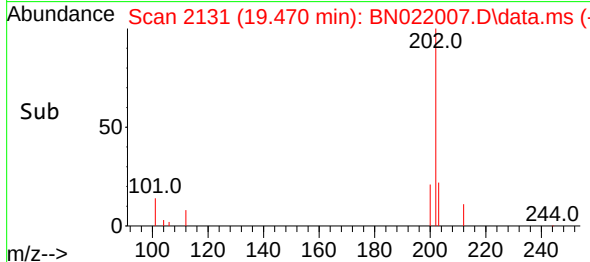
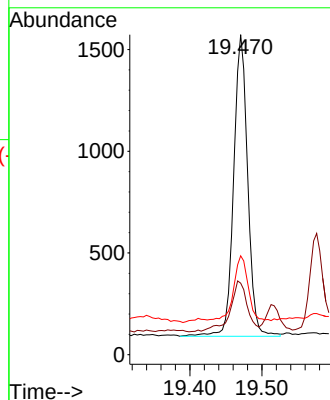
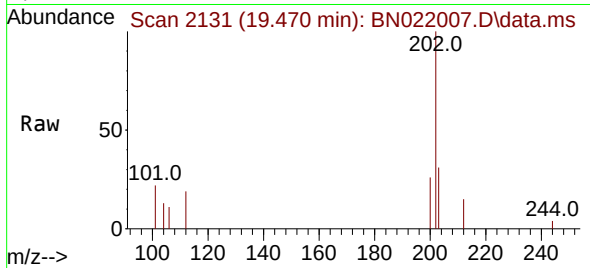




#28
Fluoranthene
Concen: 0.039 ng
RT: 19.470 min Scan# 2132
Delta R.T. -0.004 min
Lab File: BN022007.D
Acq: 04 Oct 2022 15:00

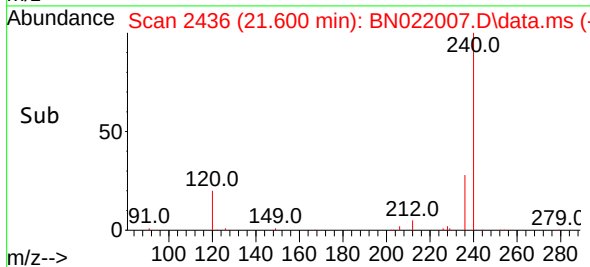
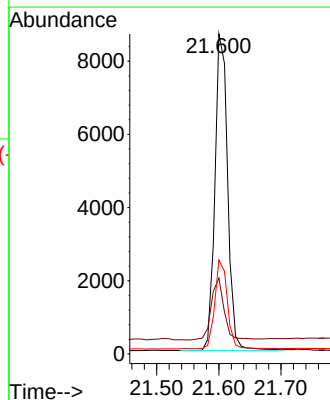
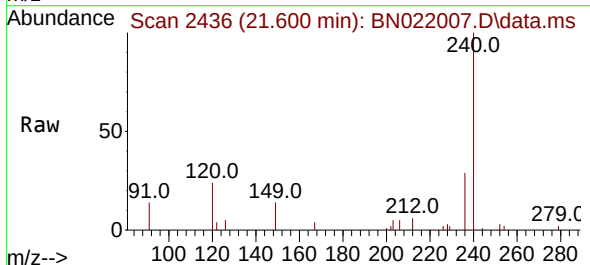
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-02-231-251-100322

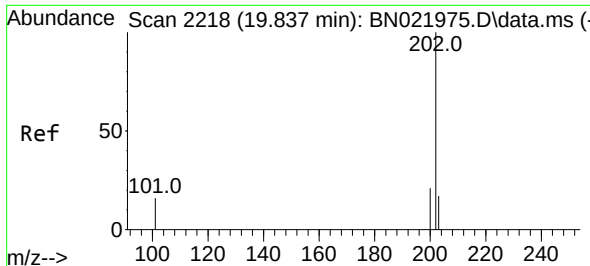
Tgt Ion:202 Resp: 2000
Ion Ratio Lower Upper
202 100
101 20.6 11.4 17.0#
203 21.9 13.5 20.3#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.600 min Scan# 2436
Delta R.T. -0.009 min
Lab File: BN022007.D
Acq: 04 Oct 2022 15:00

Tgt Ion:240 Resp: 12341
Ion Ratio Lower Upper
240 100
120 23.7 11.8 17.6#
236 29.3 22.4 33.6

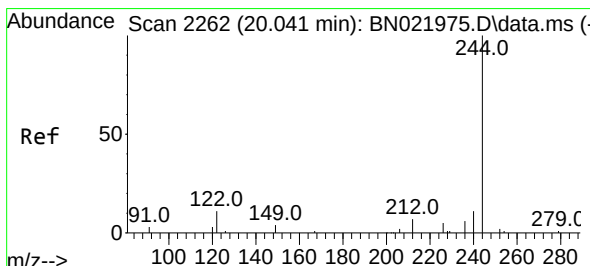
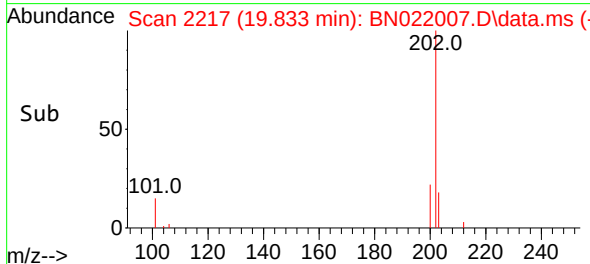
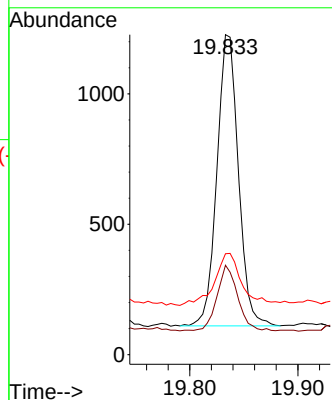
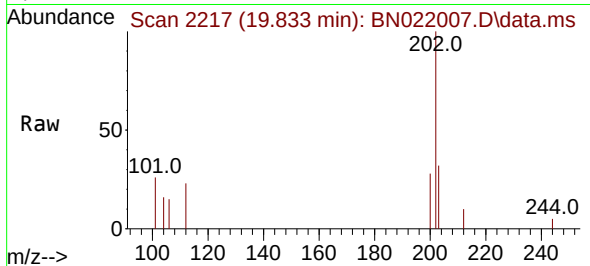




#30
Pyrene
Concen: 0.029 ng
RT: 19.833 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN022007.D
Acq: 04 Oct 2022 15:00

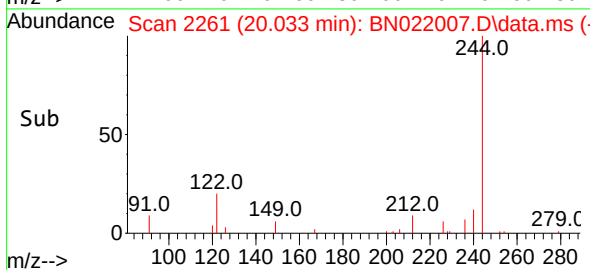
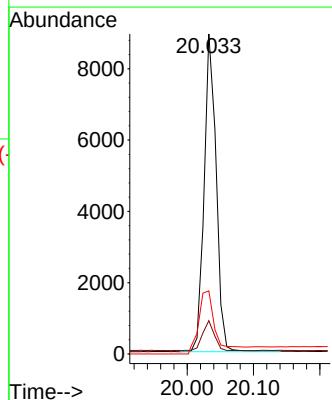
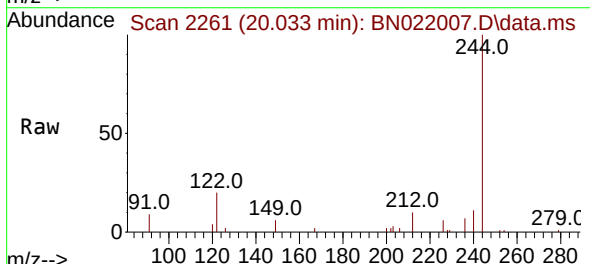
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-02-231-251-100322

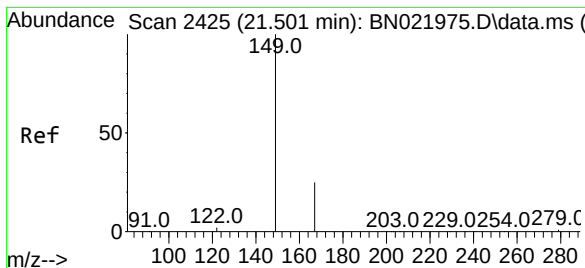
Tgt Ion:202 Resp: 1546
Ion Ratio Lower Upper
202 100
200 21.8 16.6 25.0
203 22.6 14.1 21.1#



#31
Terphenyl-d14
Concen: 0.399 ng
RT: 20.033 min Scan# 2261
Delta R.T. -0.009 min
Lab File: BN022007.D
Acq: 04 Oct 2022 15:00

Tgt Ion:244 Resp: 9894
Ion Ratio Lower Upper
244 100
212 10.4 6.5 9.7#
122 19.7 9.1 13.7#

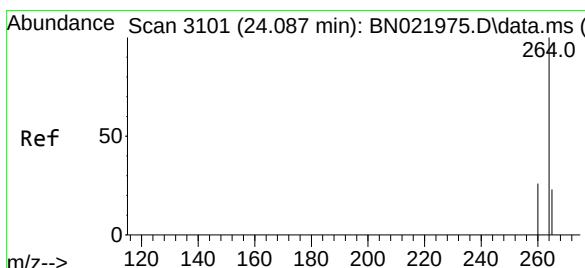
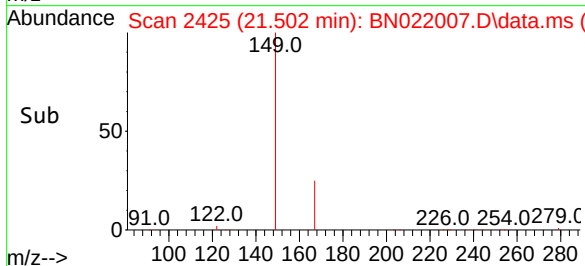
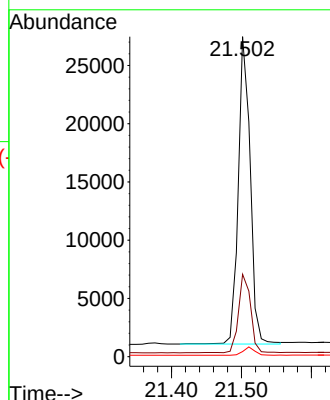
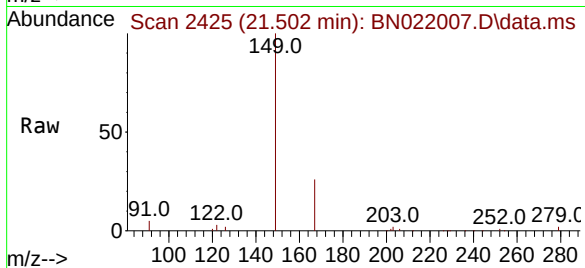




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 1.405 ng
 RT: 21.502 min Scan# 2425
 Delta R.T. 0.000 min
 Lab File: BN022007.D
 Acq: 04 Oct 2022 15:00

Instrument :
 BNA_N
 ClientSampleId :
 GWOW-BR-02-231-251-100322

Tgt Ion:149 Resp: 31276
 Ion Ratio Lower Upper
 149 100
 167 25.9 20.2 30.4
 279 2.5 2.3 3.5



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.084 min Scan# 3100
 Delta R.T. -0.003 min
 Lab File: BN022007.D
 Acq: 04 Oct 2022 15:00

Tgt Ion:264 Resp: 10750
 Ion Ratio Lower Upper
 264 100
 260 27.1 21.3 31.9
 265 60.0 63.0 94.4#

