

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062123\
 Data File : BN025915.D
 Acq On : 21 Jun 2023 12:47
 Operator : MA/JU
 Sample : 03338-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWOW-BR-05-248-268-061923

Quant Time: Jun 21 13:48:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN053123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 21 12:47:53 2023
 Response via : Initial Calibration

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

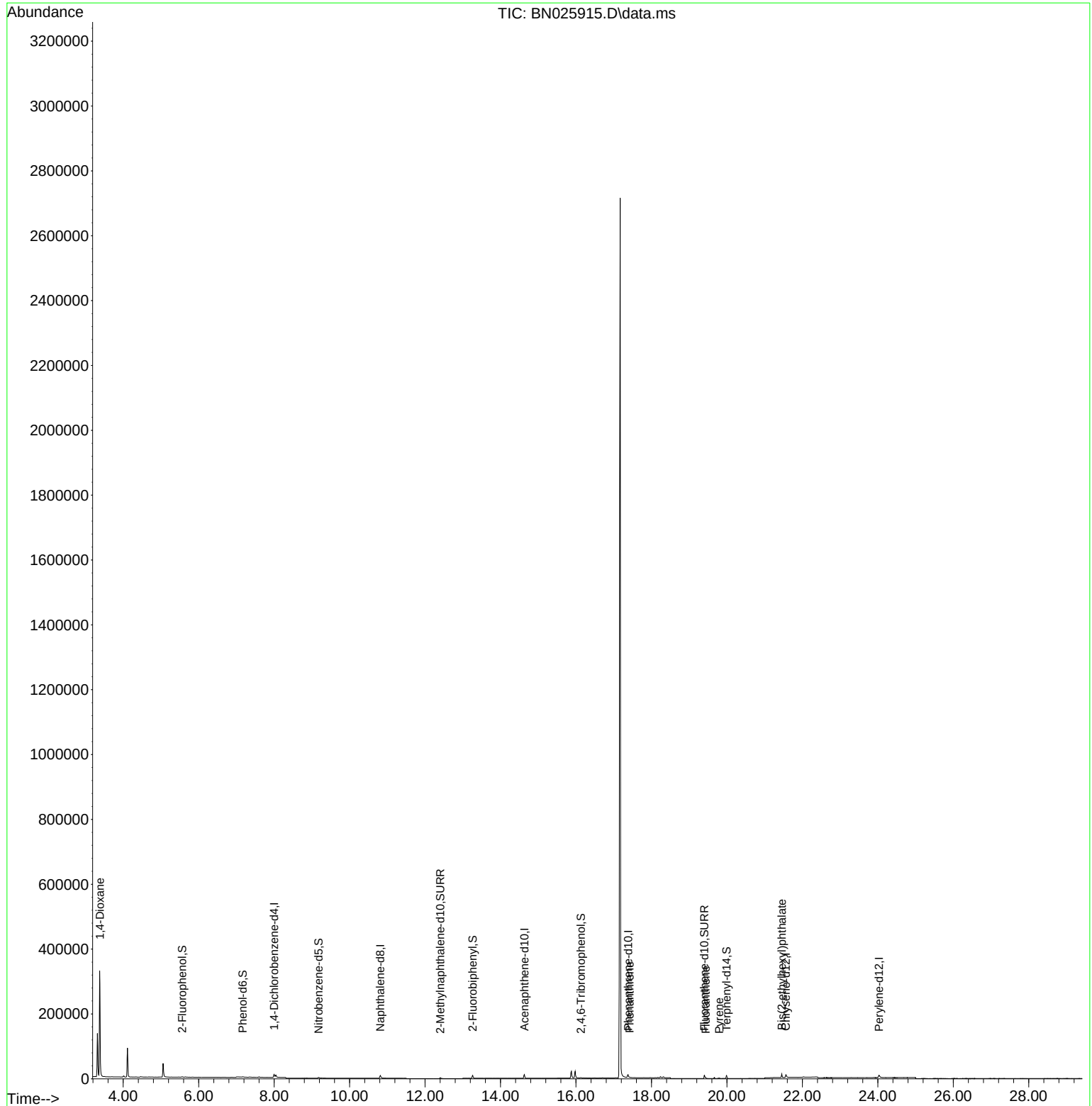
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	5950	0.400	ng	0.00
7) Naphthalene-d8	10.814	136	14835	0.400	ng	0.00
13) Acenaphthene-d10	14.630	164	7286	0.400	ng	0.00
19) Phenanthrene-d10	17.381	188	14603	0.400	ng	# 0.00
29) Chrysene-d12	21.560	240	11023	0.400	ng	# 0.00
35) Perylene-d12	24.031	264	12476	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.564	112	1664	0.099	ng	0.01
5) Phenol-d6	7.167	99	1168	0.057	ng	0.00
8) Nitrobenzene-d5	9.180	82	3653	0.265	ng	0.01
11) 2-Methylnaphthalene-d10	12.404	152	5981	0.280	ng	0.00
14) 2,4,6-Tribromophenol	16.127	330	675	0.300	ng	-0.01
15) 2-Fluorobiphenyl	13.261	172	9291	0.302	ng	0.00
27) Fluoranthene-d10	19.402	212	12974	0.432	ng	0.00
31) Terphenyl-d14	19.992	244	9115	0.341	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.383	88	203088	29.092	ng	# 93
25) Phenanthrene	17.418	178	1495	0.033	ng	97
28) Fluoranthene	19.435	202	3220	0.073	ng	# 95
30) Pyrene	19.797	202	1784	0.029	ng	97
34) Bis(2-ethylhexyl)phtha...	21.453	149	9261	0.365	ng	# 100

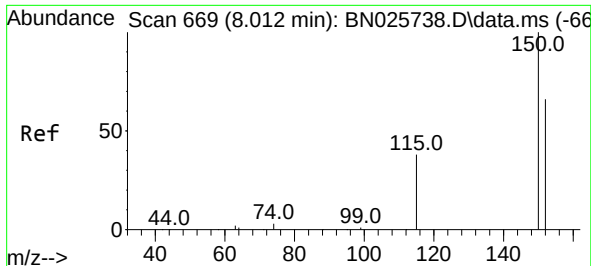
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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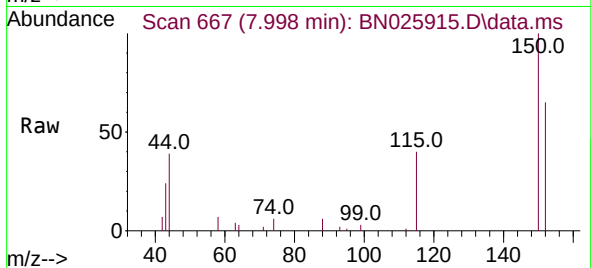
Quant Time: Jun 21 13:48:22 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN053123.M
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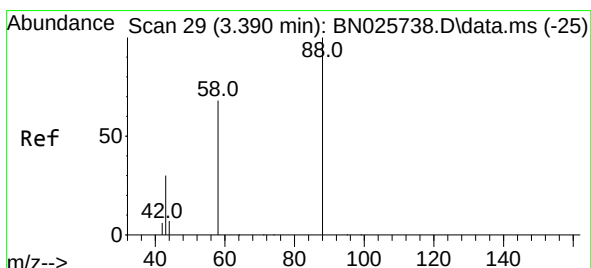
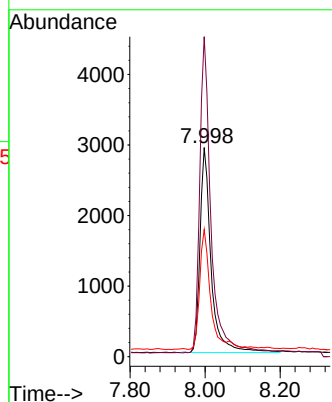
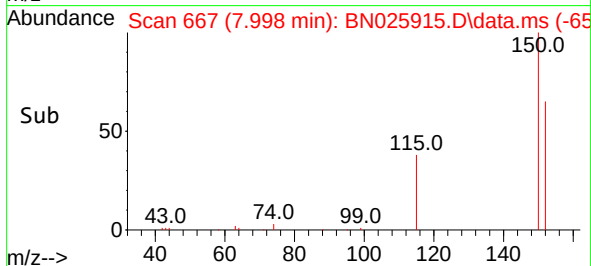


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.998 min Scan# 60
Delta R.T. -0.000 min
Lab File: BN025915.D
Acq: 21 Jun 2023 12:47

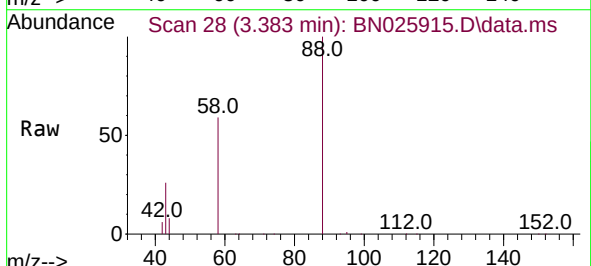
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-05-248-268-061923



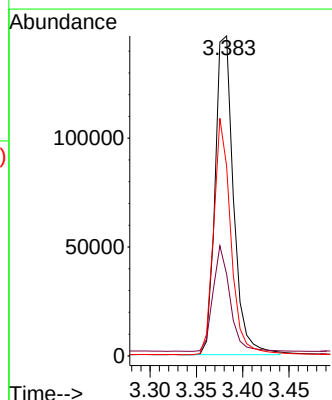
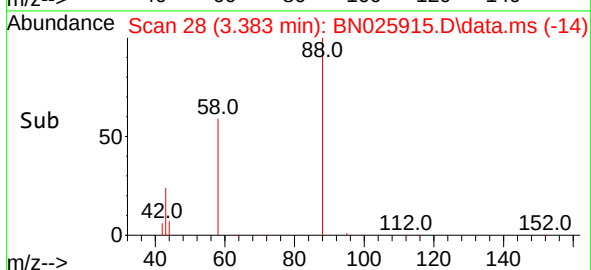
Tgt Ion:152 Resp: 5950
Ion Ratio Lower Upper
152 100
150 153.1 121.5 182.3
115 60.8 47.7 71.5

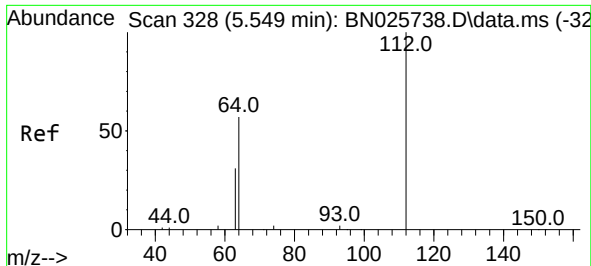


#2
1,4-Dioxane
Concen: 29.092 ng
RT: 3.383 min Scan# 28
Delta R.T. -0.000 min
Lab File: BN025915.D
Acq: 21 Jun 2023 12:47



Tgt Ion: 88 Resp: 203088
Ion Ratio Lower Upper
88 100
43 30.3 31.0 46.4#
58 68.8 57.3 85.9

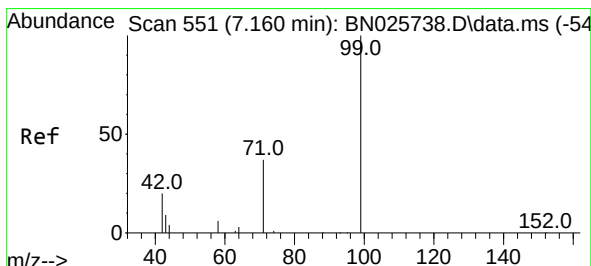
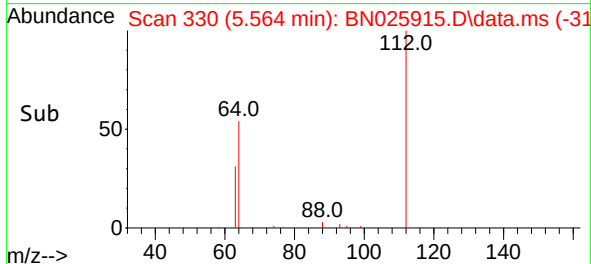
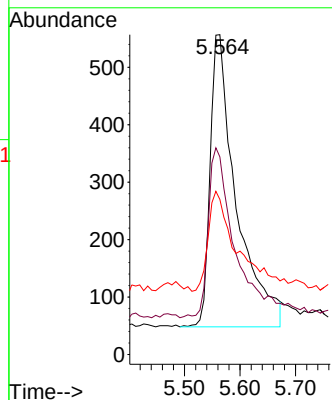
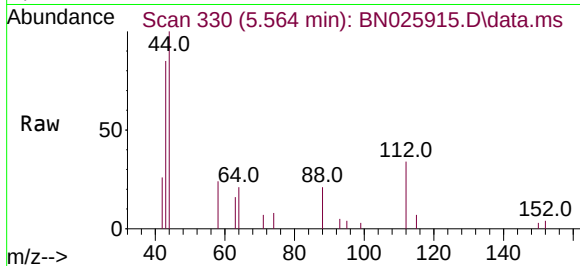




#4
2-Fluorophenol
Concen: 0.099 ng
RT: 5.564 min Scan# 331
Delta R.T. 0.014 min
Lab File: BN025915.D
Acq: 21 Jun 2023 12:47

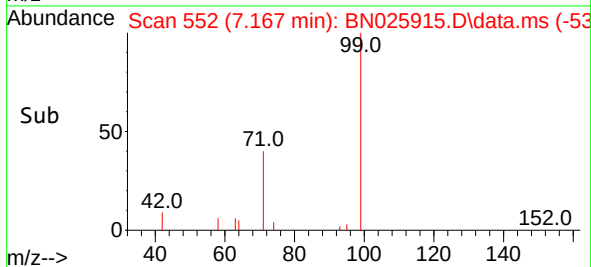
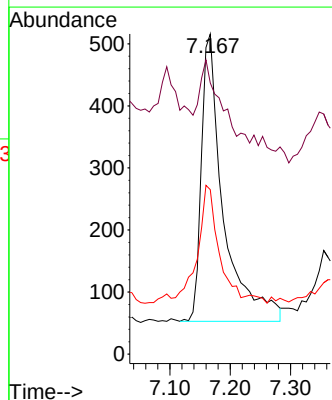
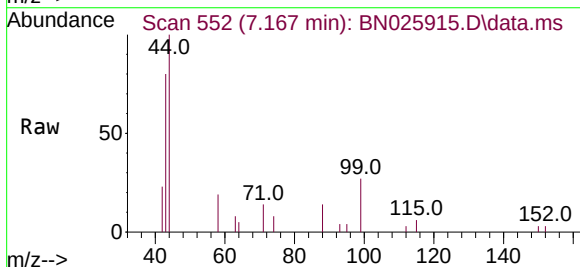
Instrument :
BNA_N
ClientSampleId :
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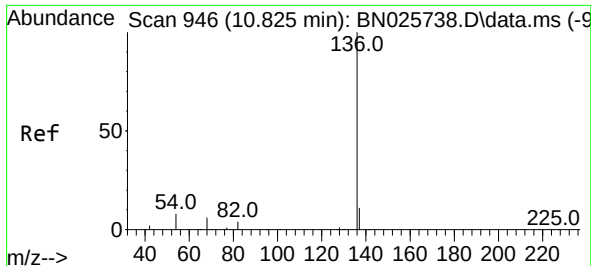
Tgt Ion:112 Resp: 1664
Ion Ratio Lower Upper
112 100
64 58.3 47.5 71.3
63 38.0 26.2 39.4



#5
Phenol-d6
Concen: 0.057 ng
RT: 7.167 min Scan# 552
Delta R.T. 0.007 min
Lab File: BN025915.D
Acq: 21 Jun 2023 12:47

Tgt Ion: 99 Resp: 1168
Ion Ratio Lower Upper
99 100
42 26.9 18.6 28.0
71 36.3 30.5 45.7

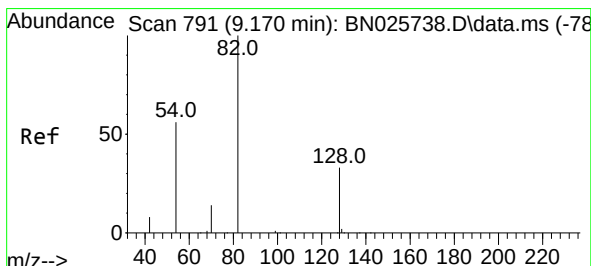
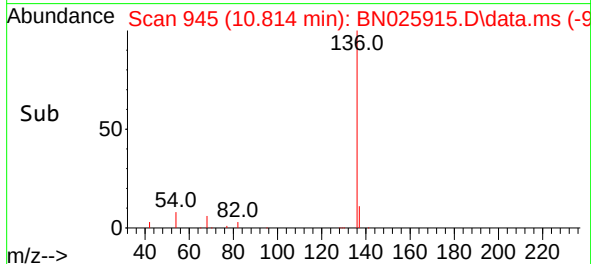
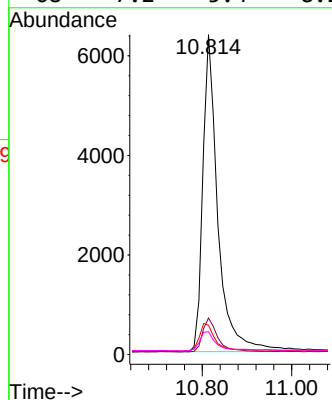
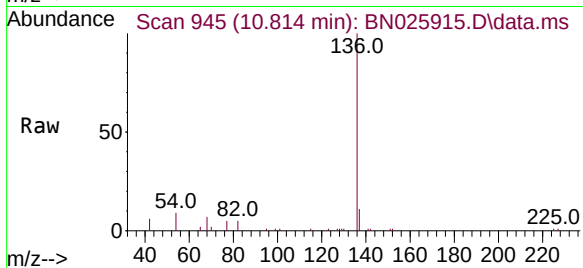




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.814 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN025915.D
Acq: 21 Jun 2023 12:47

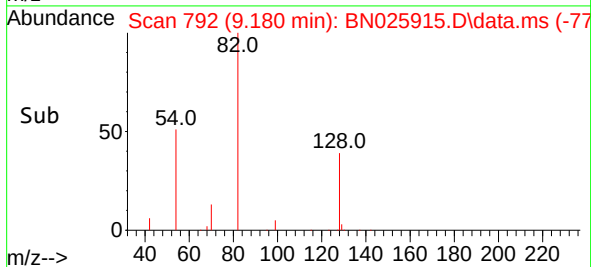
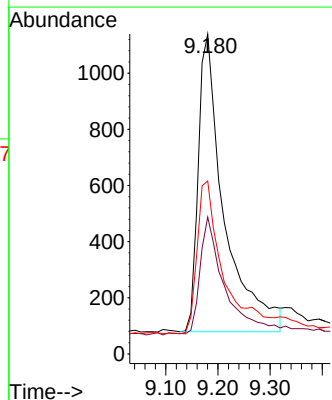
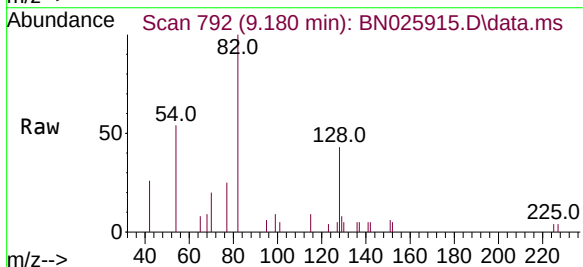
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-05-248-268-061923

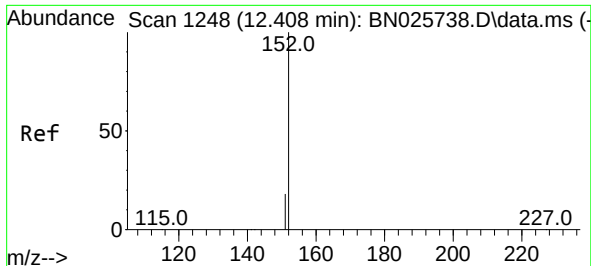
Tgt Ion:	136	Resp:	14835
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.3	13.9
54	9.2	7.2	10.8
68	7.2	5.4	8.2



#8
Nitrobenzene-d5
Concen: 0.265 ng
RT: 9.180 min Scan# 792
Delta R.T. 0.010 min
Lab File: BN025915.D
Acq: 21 Jun 2023 12:47

Tgt Ion:	82	Resp:	3653
Ion Ratio	Lower	Upper	
82	100		
128	42.7	27.6	41.4#
54	54.0	45.7	68.5

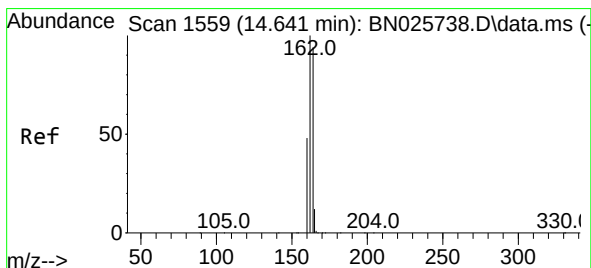
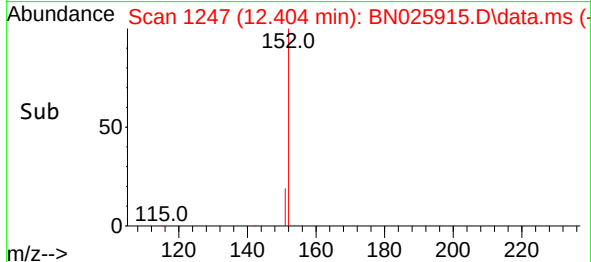
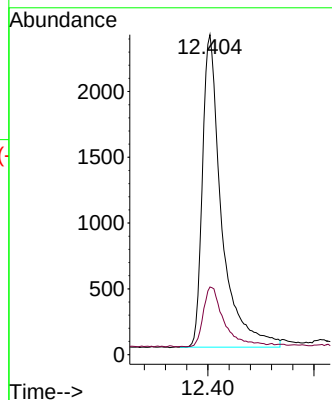
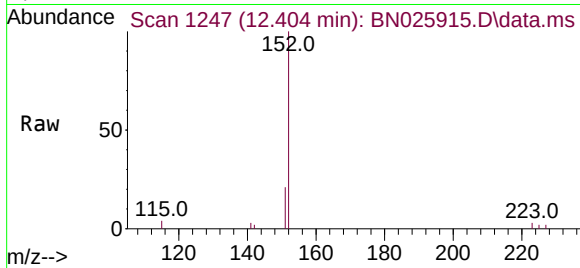




#11
2-Methylnaphthalene-d10
Concen: 0.280 ng
RT: 12.404 min Scan# 11
Delta R.T. 0.004 min
Lab File: BN025915.D
Acq: 21 Jun 2023 12:47

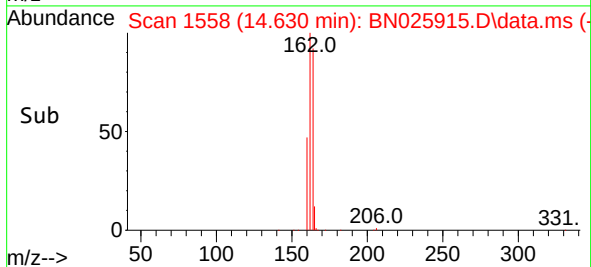
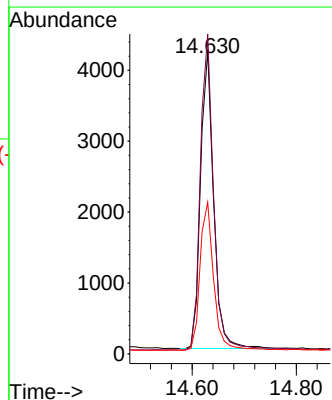
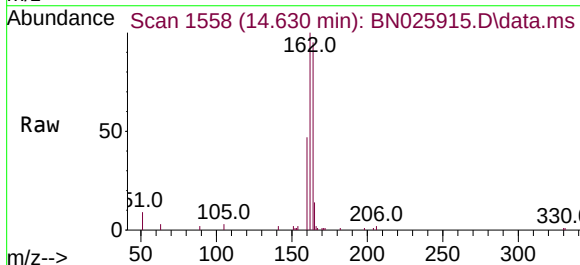
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-05-248-268-061923

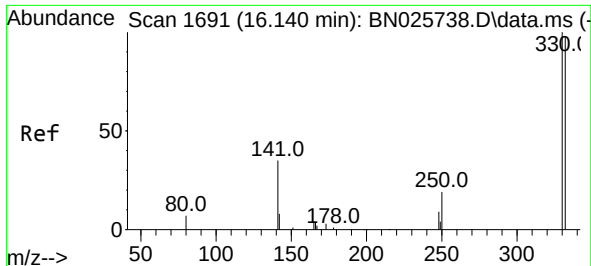
Tgt Ion:152 Resp: 5981
Ion Ratio Lower Upper
152 100
151 20.7 16.4 24.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.630 min Scan# 1558
Delta R.T. -0.000 min
Lab File: BN025915.D
Acq: 21 Jun 2023 12:47

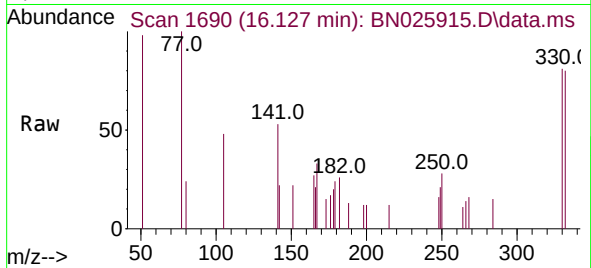
Tgt Ion:164 Resp: 7286
Ion Ratio Lower Upper
164 100
162 105.7 85.0 127.6
160 50.1 41.1 61.7



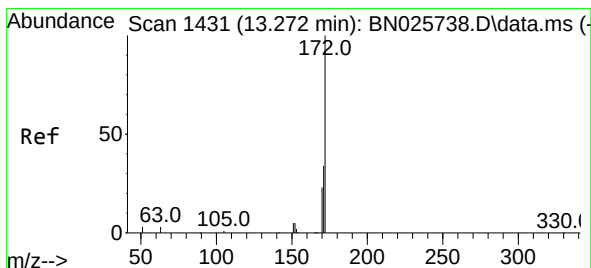
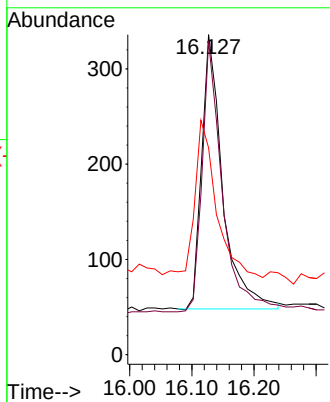
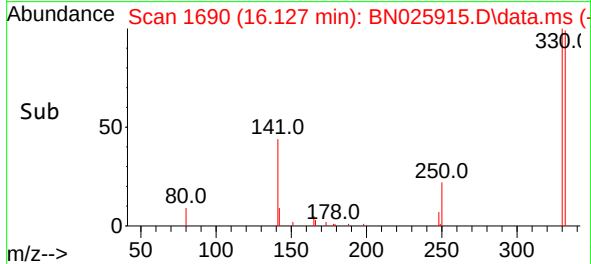


#14
2,4,6-Tribromophenol
Concen: 0.300 ng
RT: 16.127 min Scan# 1690
Delta R.T. -0.013 min
Lab File: BN025915.D
Acq: 21 Jun 2023 12:47

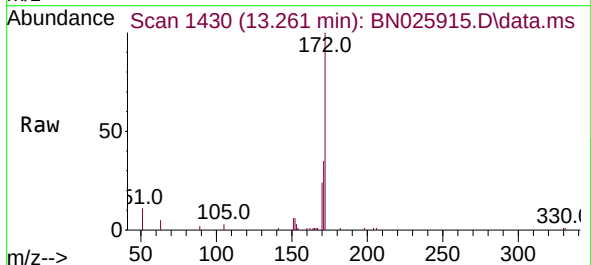
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-05-248-268-061923



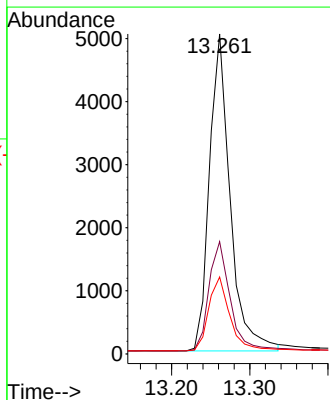
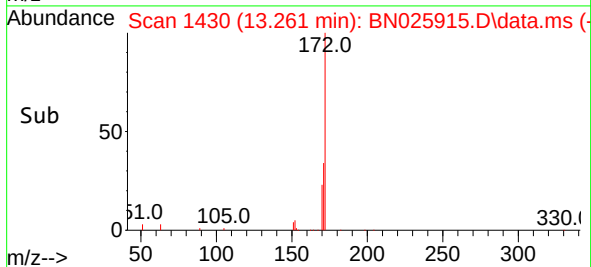
Tgt Ion:330 Resp: 675
Ion Ratio Lower Upper
330 100
332 94.8 77.3 115.9
141 57.6 55.0 82.6

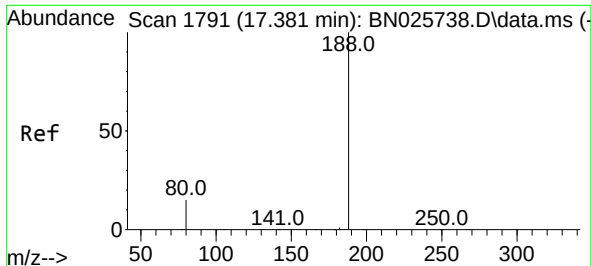


#15
2-Fluorobiphenyl
Concen: 0.302 ng
RT: 13.261 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BN025915.D
Acq: 21 Jun 2023 12:47



Tgt Ion:172 Resp: 9291
Ion Ratio Lower Upper
172 100
171 35.1 27.3 40.9
170 24.0 18.6 28.0

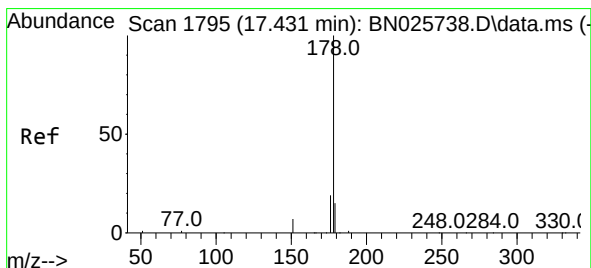
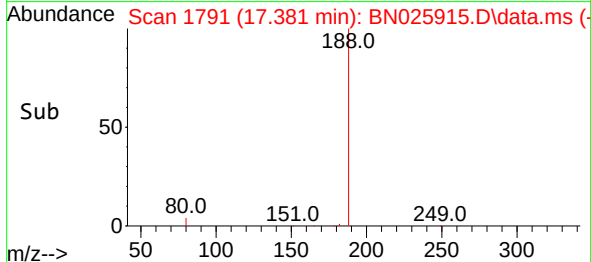
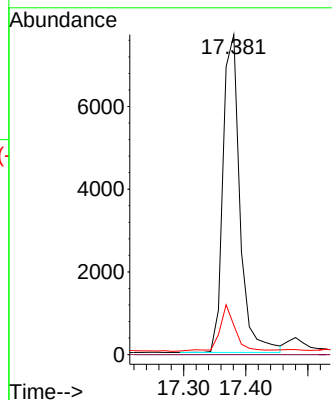
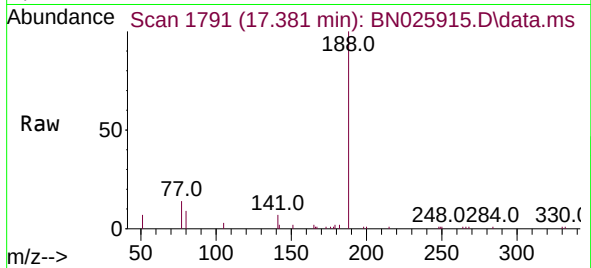




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.381 min Scan# 1791
Delta R.T. -0.000 min
Lab File: BN025915.D
Acq: 21 Jun 2023 12:47

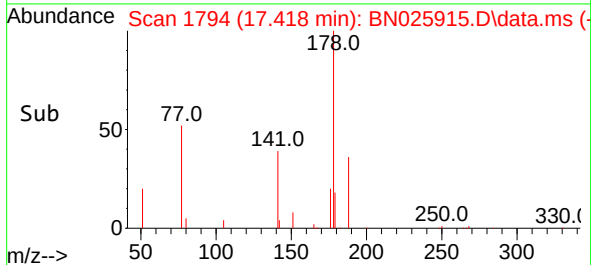
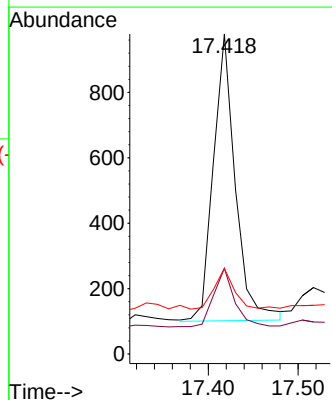
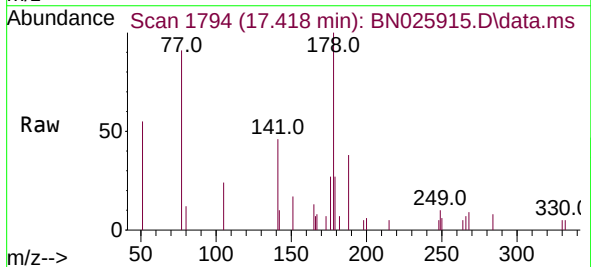
Instrument :
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GWOW-BR-05-248-268-061923

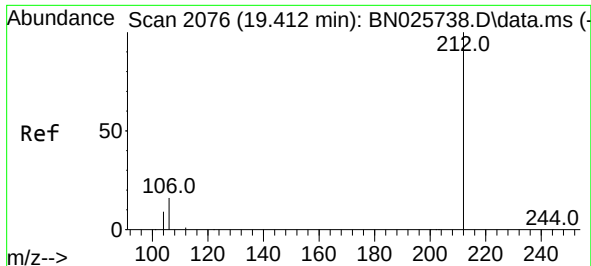
Tgt Ion:188 Resp: 14603
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.2 12.1 18.1#



#25
Phenanthrene
Concen: 0.033 ng
RT: 17.418 min Scan# 1794
Delta R.T. -0.000 min
Lab File: BN025915.D
Acq: 21 Jun 2023 12:47

Tgt Ion:178 Resp: 1495
Ion Ratio Lower Upper
178 100
176 19.4 15.7 23.5
179 12.6 12.2 18.2

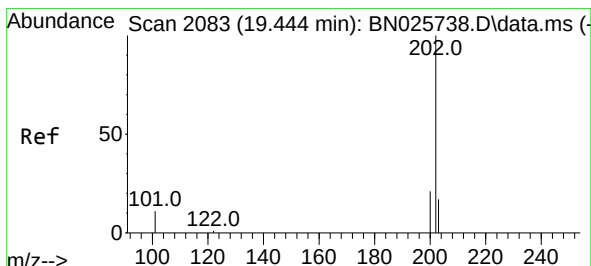
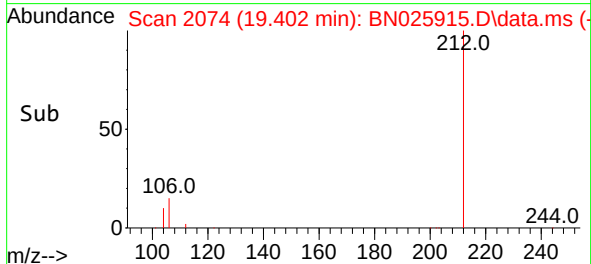
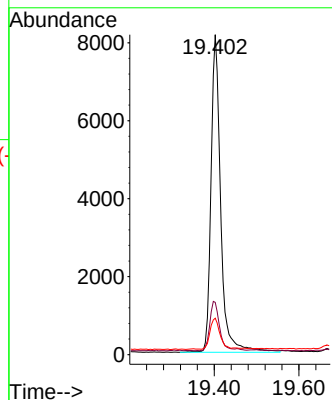
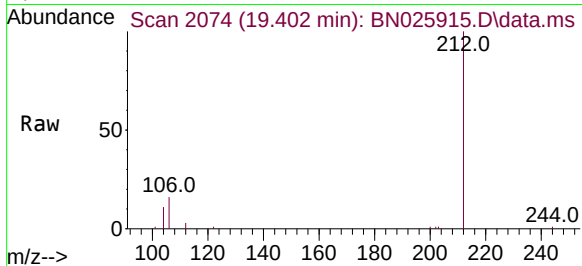




#27
Fluoranthene-d10
Concen: 0.432 ng
RT: 19.402 min Scan# 2076
Delta R.T. -0.005 min
Lab File: BN025915.D
Acq: 21 Jun 2023 12:47

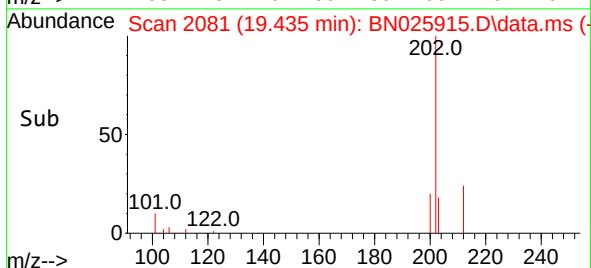
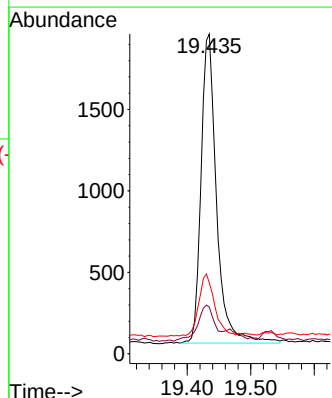
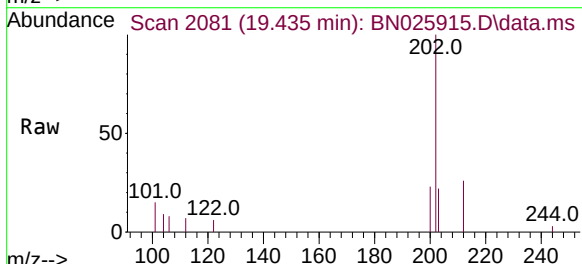
Instrument :
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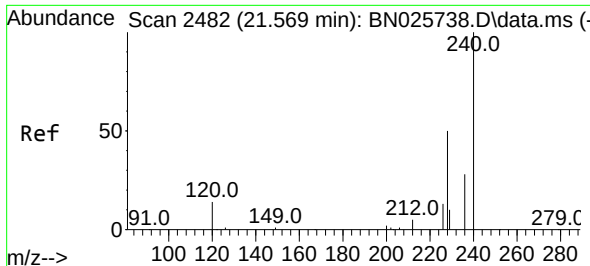
Tgt Ion:212 Resp: 12974
Ion Ratio Lower Upper
212 100
106 15.4 13.0 19.6
104 10.1 7.7 11.5



#28
Fluoranthene
Concen: 0.073 ng
RT: 19.435 min Scan# 2081
Delta R.T. -0.000 min
Lab File: BN025915.D
Acq: 21 Jun 2023 12:47

Tgt Ion:202 Resp: 3220
Ion Ratio Lower Upper
202 100
101 12.9 9.8 14.8
203 20.2 13.4 20.2#

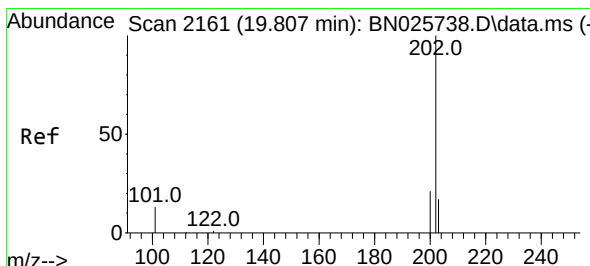
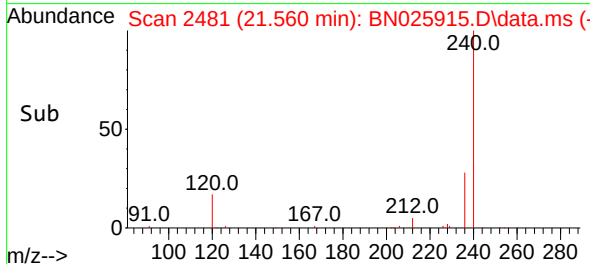
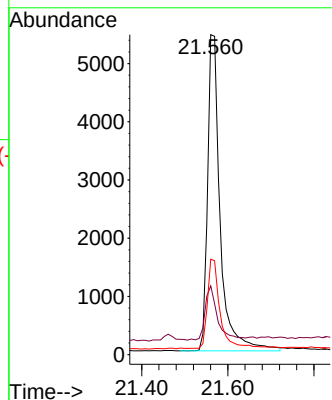
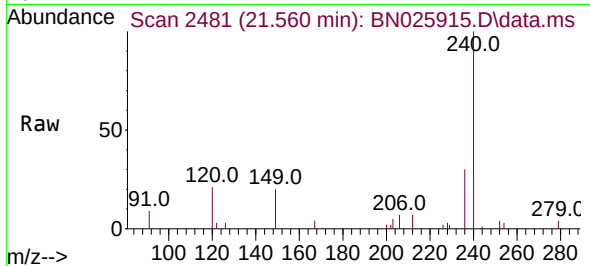




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.560 min Scan# 2482
Delta R.T. -0.000 min
Lab File: BN025915.D
Acq: 21 Jun 2023 12:47

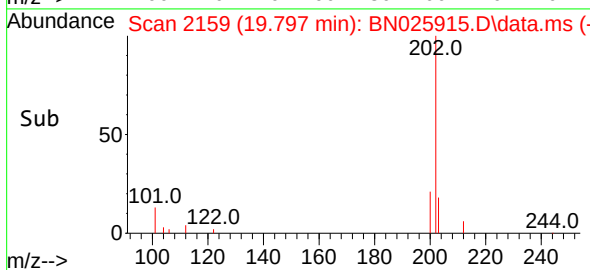
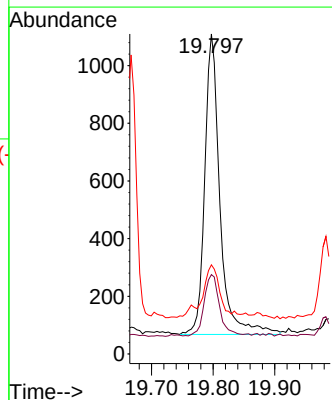
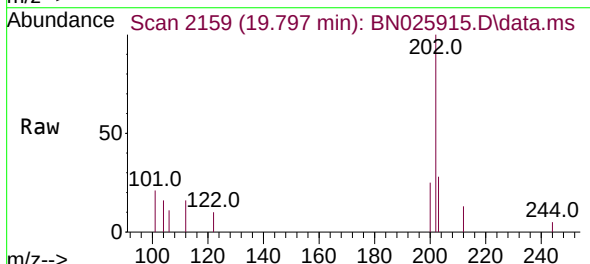
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-05-248-268-061923

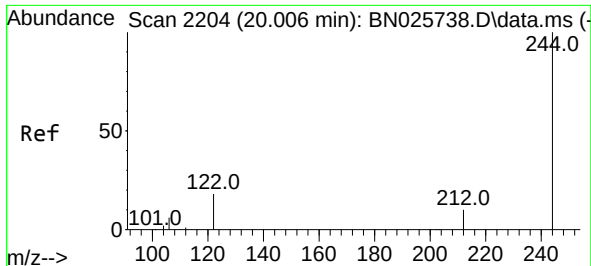
Tgt Ion:240 Resp: 11023
Ion Ratio Lower Upper
240 100
120 21.5 13.2 19.8#
236 29.8 23.1 34.7



#30
Pyrene
Concen: 0.029 ng
RT: 19.797 min Scan# 2159
Delta R.T. -0.000 min
Lab File: BN025915.D
Acq: 21 Jun 2023 12:47

Tgt Ion:202 Resp: 1784
Ion Ratio Lower Upper
202 100
200 20.9 17.0 25.6
203 20.0 14.2 21.2

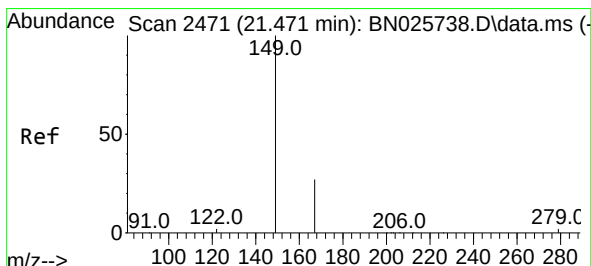
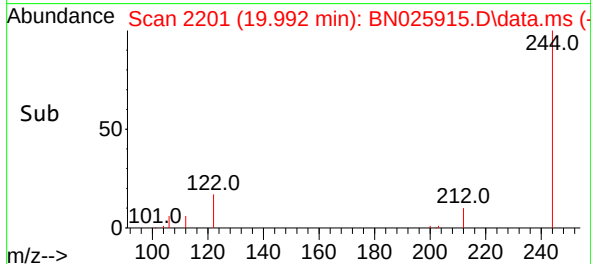
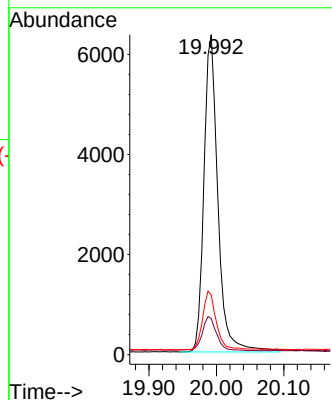
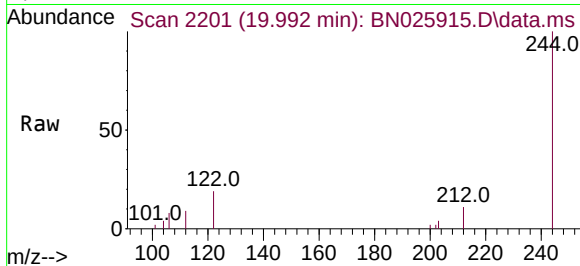




#31
 Terphenyl-d14
 Concen: 0.341 ng
 RT: 19.992 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BN025915.D
 Acq: 21 Jun 2023 12:47

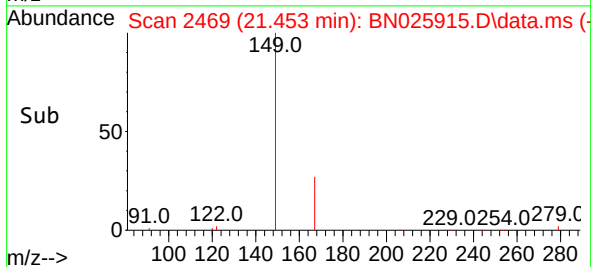
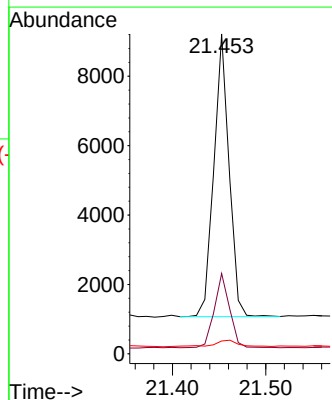
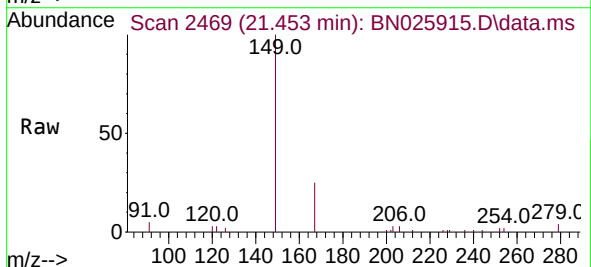
Instrument :
 BNA_N
 ClientSampleId :
 GWOW-BR-05-248-268-061923

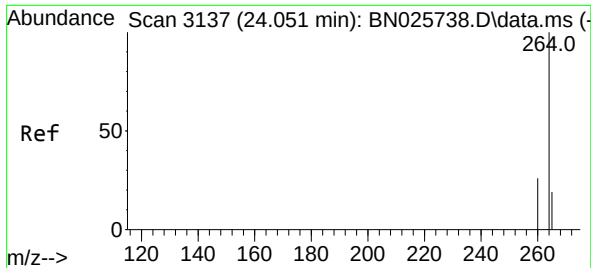
Tgt Ion:244 Resp: 9115
 Ion Ratio Lower Upper
 244 100
 212 11.3 8.6 12.8
 122 18.7 15.2 22.8



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.365 ng
 RT: 21.453 min Scan# 2469
 Delta R.T. -0.000 min
 Lab File: BN025915.D
 Acq: 21 Jun 2023 12:47

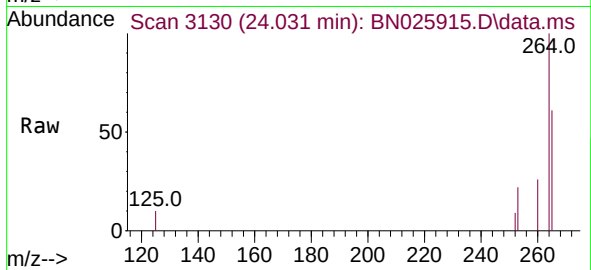
Tgt Ion:149 Resp: 9261
 Ion Ratio Lower Upper
 149 100
 167 26.4 21.0 31.6
 279 3.8 2.2 3.4#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.031 min Scan# 31
 Delta R.T. -0.015 min
 Lab File: BN025915.D
 Acq: 21 Jun 2023 12:47

Instrument :
 BNA_N
 ClientSampleId :
 GWOW-BR-05-248-268-061923



Tgt Ion:	264	Resp:	12476
Ion Ratio	Lower	Upper	
264	100		
260	26.4	21.4	32.2
265	61.1	44.7	67.1

