

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061923\
 Data File : BN025900.D
 Acq On : 19 Jun 2023 14:50
 Operator : MA/JU
 Sample : 03259-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWOW-BR-05-129-149-061423

Quant Time: Jun 19 15:20:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN053123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 14:10:48 2023
 Response via : Initial Calibration

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

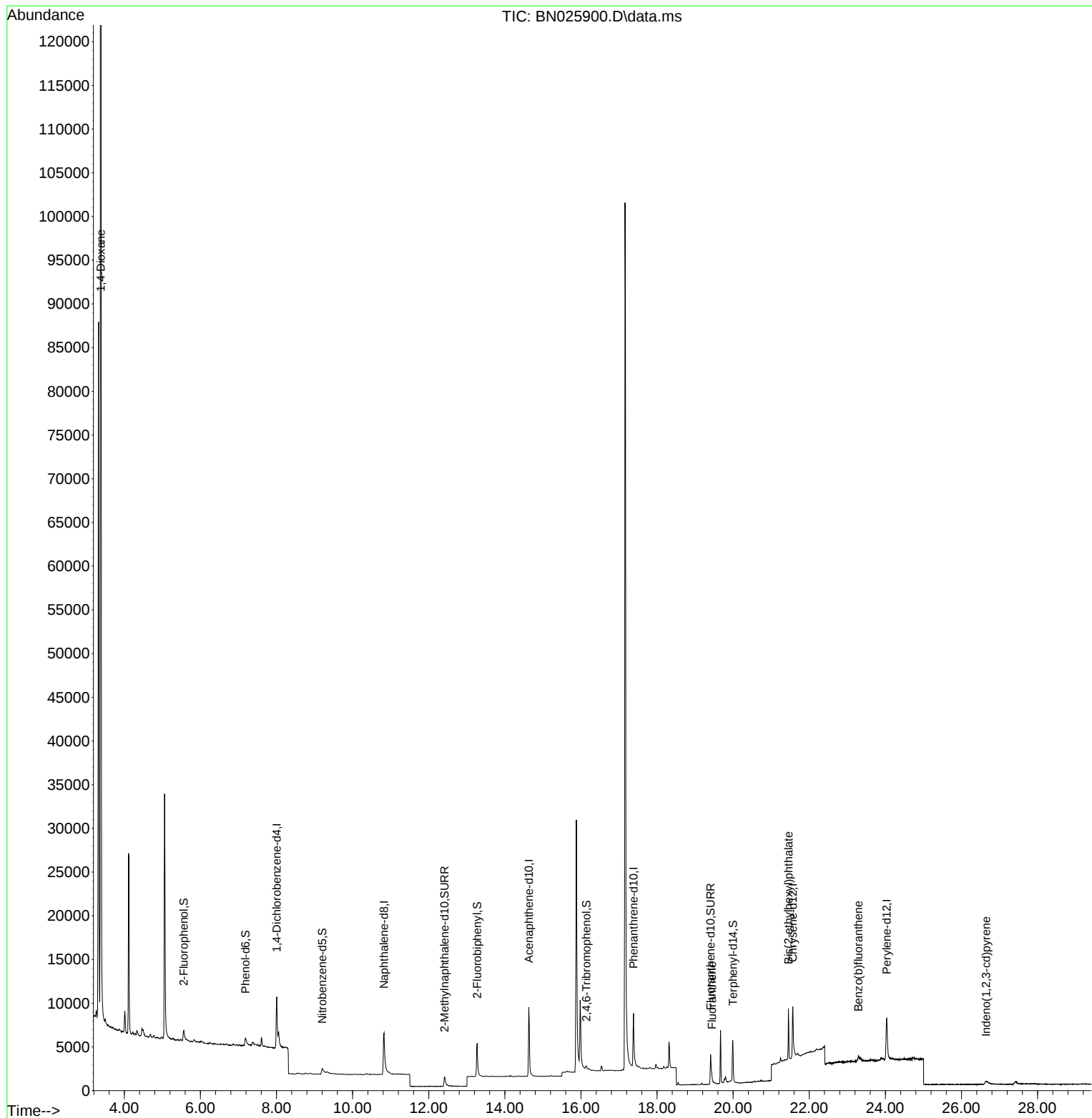
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.005	152	4101	0.400	ng	0.00
7) Naphthalene-d8	10.825	136	10670	0.400	ng	0.01
13) Acenaphthene-d10	14.630	164	5455	0.400	ng	0.00
19) Phenanthrene-d10	17.381	188	10234	0.400	ng	# 0.00
29) Chrysene-d12	21.569	240	7421	0.400	ng	0.00
35) Perylene-d12	24.034	264	8608	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.564	112	1844	0.160	ng	0.02
5) Phenol-d6	7.182	99	1745	0.123	ng	0.03
8) Nitrobenzene-d5	9.202	82	1512	0.153	ng	0.03
11) 2-Methylnaphthalene-d10	12.415	152	2880	0.187	ng	0.02
14) 2,4,6-Tribromophenol	16.140	330	266	0.158	ng	0.01
15) 2-Fluorobiphenyl	13.272	172	4611	0.200	ng	0.01
27) Fluoranthene-d10	19.407	212	4699	0.223	ng	0.00
31) Terphenyl-d14	19.997	244	3580	0.199	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.383	88	143629	29.851	ng	# 93
28) Fluoranthene	19.439	202	923	0.030	ng	# 71
34) Bis(2-ethylhexyl)phtha...	21.453	149	5448	0.319	ng	100
36) Indeno(1,2,3-cd)pyrene	26.647	276	879	0.024	ng	# 55
37) Benzo(b)fluoranthene	23.288	252	793	0.023	ng	# 1

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

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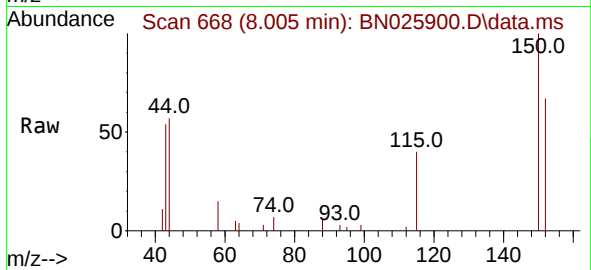
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 16 14:10:48 2023
Response via : Initial Calibration



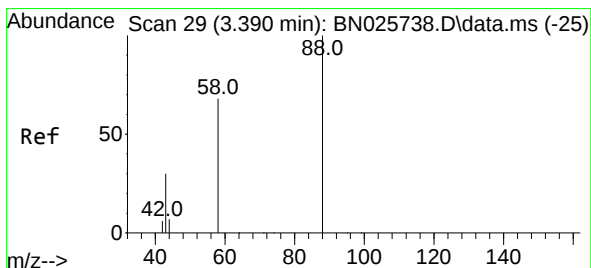
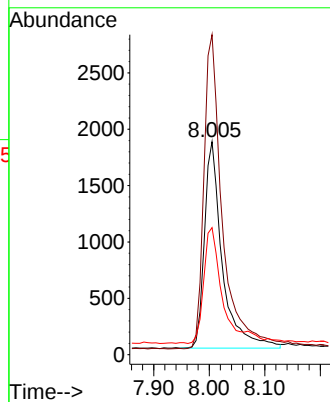
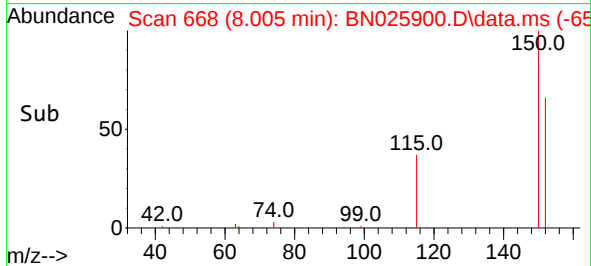


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.005 min Scan# 60
Delta R.T. 0.007 min
Lab File: BN025900.D
Acq: 19 Jun 2023 14:50

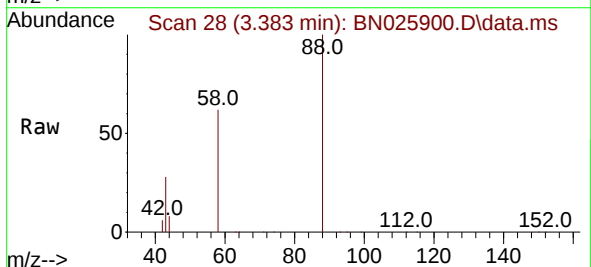
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-05-129-149-061423



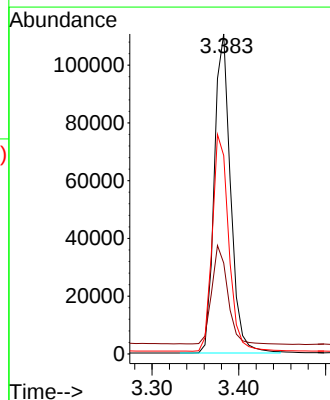
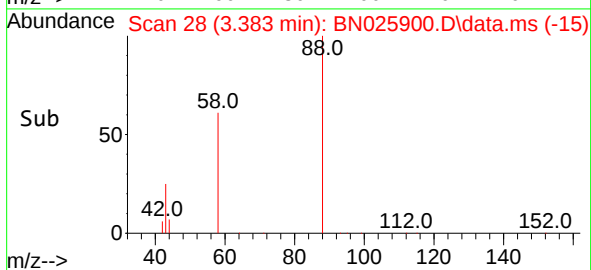
Tgt Ion:152 Resp: 4101
Ion Ratio Lower Upper
152 100
150 150.2 121.5 182.3
115 59.6 47.7 71.5

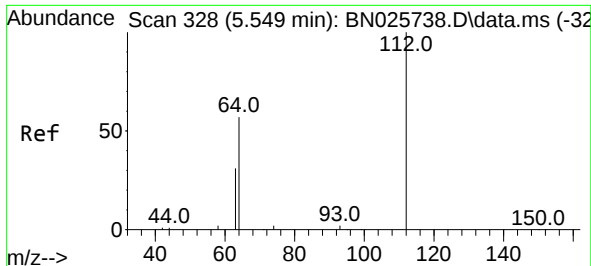


#2
1,4-Dioxane
Concen: 29.851 ng
RT: 3.383 min Scan# 28
Delta R.T. -0.007 min
Lab File: BN025900.D
Acq: 19 Jun 2023 14:50



Tgt Ion: 88 Resp: 143629
Ion Ratio Lower Upper
88 100
43 30.3 31.0 46.4#
58 68.6 57.3 85.9

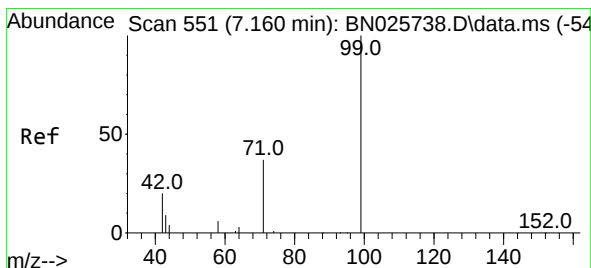
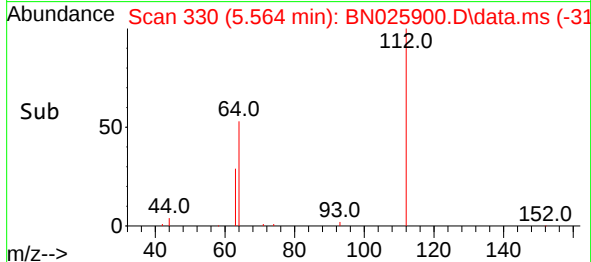
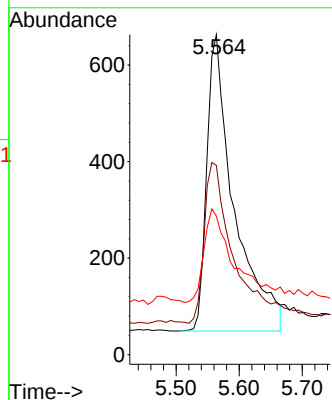
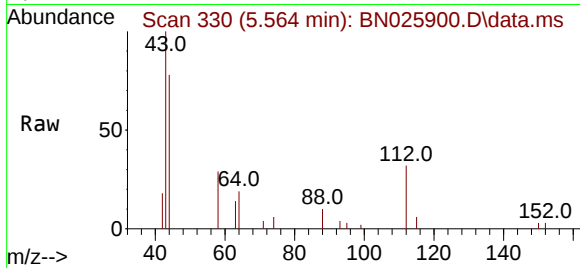




#4
2-Fluorophenol
Concen: 0.160 ng
RT: 5.564 min Scan# 31
Delta R.T. 0.022 min
Lab File: BN025900.D
Acq: 19 Jun 2023 14:50

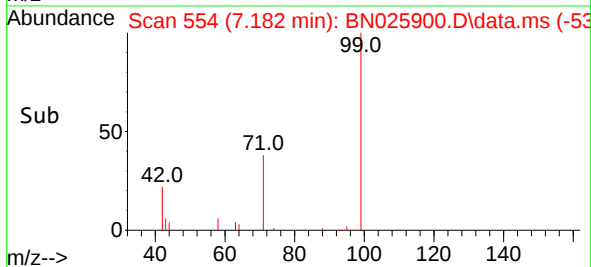
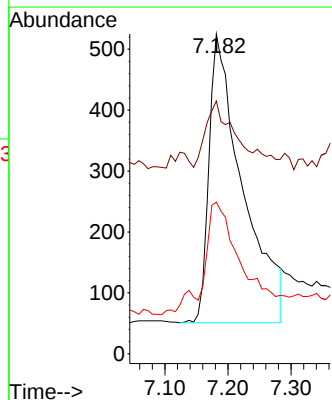
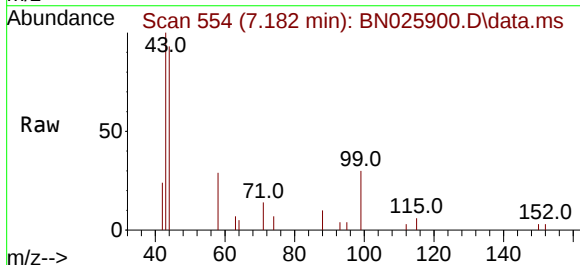
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-05-129-149-061423

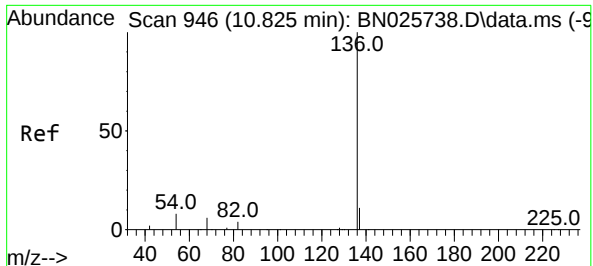
Tgt Ion: 112 Resp: 1844
Ion Ratio Lower Upper
112 100
64 58.4 47.5 71.3
63 35.2 26.2 39.4



#5
Phenol-d6
Concen: 0.123 ng
RT: 7.182 min Scan# 554
Delta R.T. 0.029 min
Lab File: BN025900.D
Acq: 19 Jun 2023 14:50

Tgt Ion: 99 Resp: 1745
Ion Ratio Lower Upper
99 100
42 21.0 18.6 28.0
71 31.7 30.5 45.7

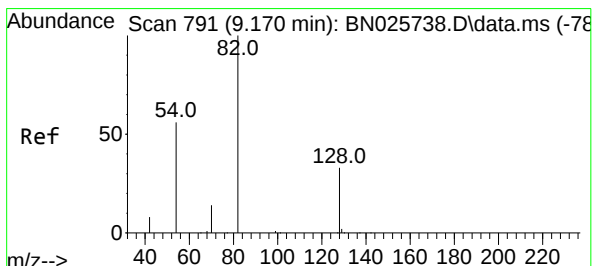
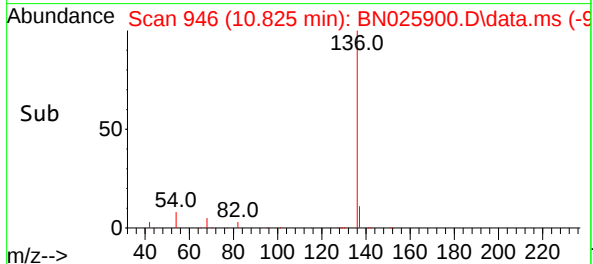
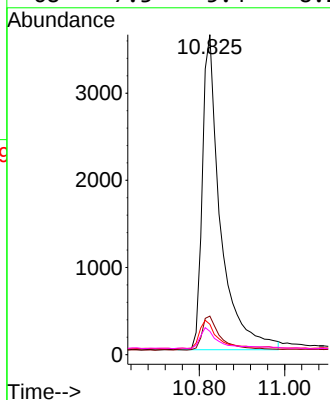
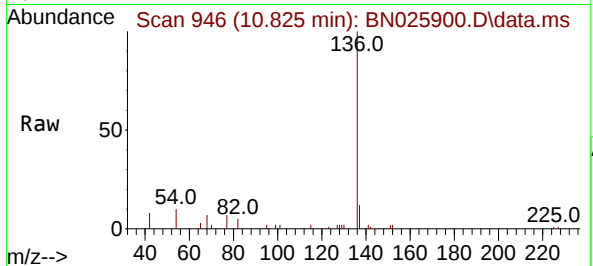




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.825 min Scan# 946
Delta R.T. 0.011 min
Lab File: BN025900.D
Acq: 19 Jun 2023 14:50

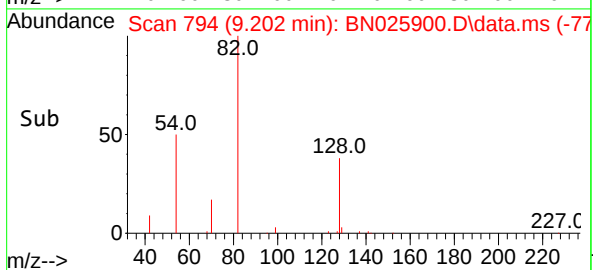
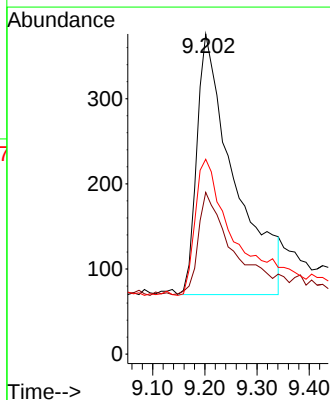
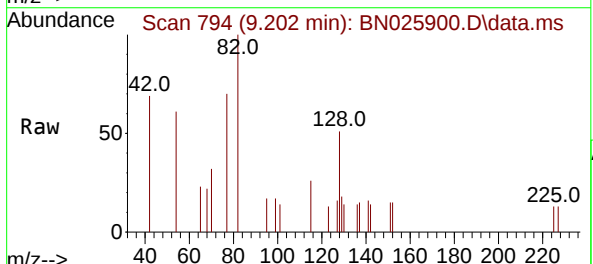
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-05-129-149-061423

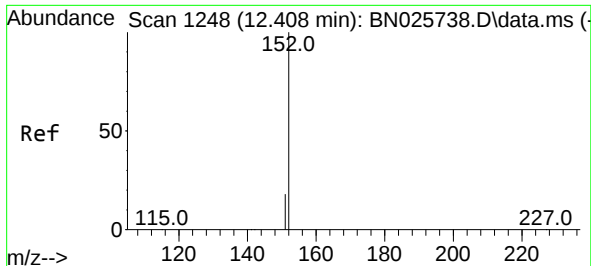
Tgt Ion:	136	Resp:	10670
Ion Ratio	Lower	Upper	
136	100		
137	12.0	9.3	13.9
54	9.5	7.2	10.8
68	7.3	5.4	8.2



#8
Nitrobenzene-d5
Concen: 0.153 ng
RT: 9.202 min Scan# 794
Delta R.T. 0.032 min
Lab File: BN025900.D
Acq: 19 Jun 2023 14:50

Tgt Ion:	82	Resp:	1512
Ion Ratio	Lower	Upper	
82	100		
128	50.5	27.6	41.4#
54	60.9	45.7	68.5

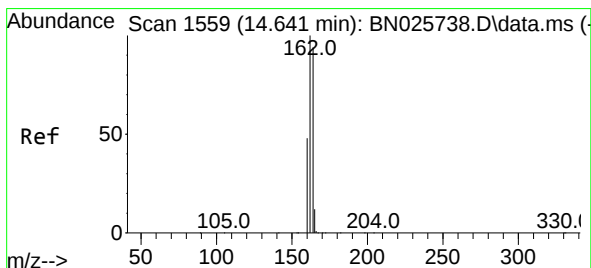
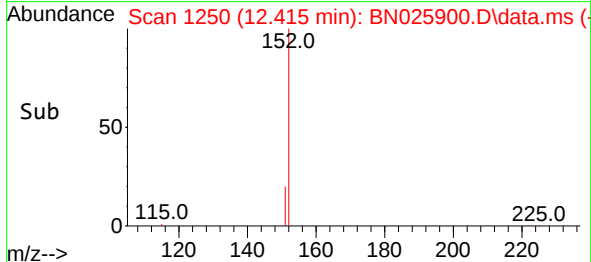
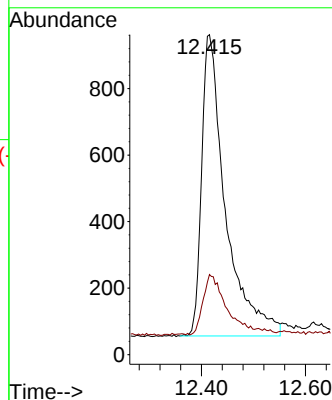
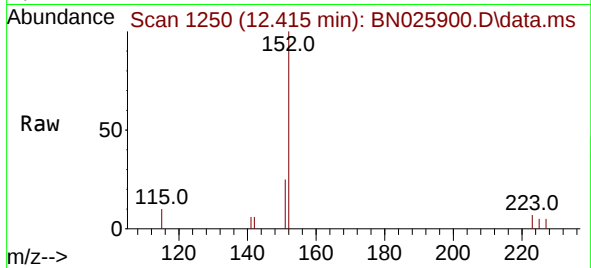




#11
2-Methylnaphthalene-d10
Concen: 0.187 ng
RT: 12.415 min Scan# 11
Delta R.T. 0.019 min
Lab File: BN025900.D
Acq: 19 Jun 2023 14:50

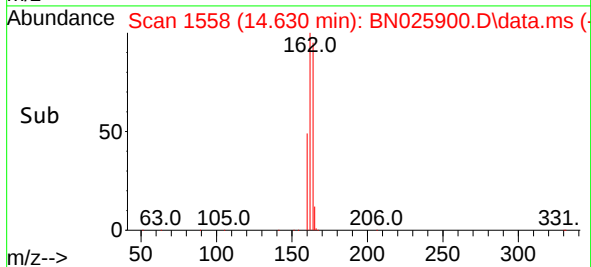
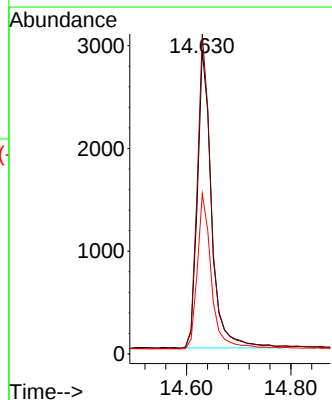
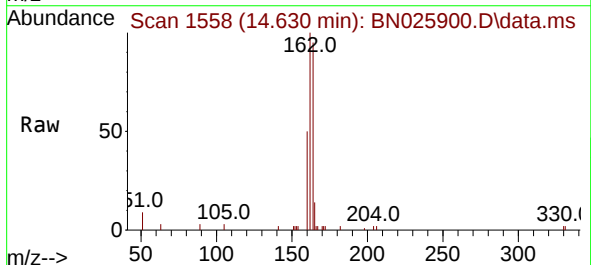
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-05-129-149-061423

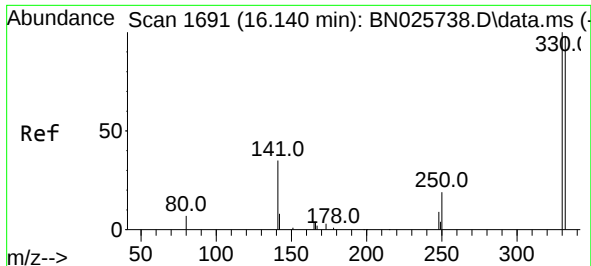
Tgt Ion:152 Resp: 2880
Ion Ratio Lower Upper
152 100
151 19.6 16.4 24.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.630 min Scan# 1558
Delta R.T. -0.000 min
Lab File: BN025900.D
Acq: 19 Jun 2023 14:50

Tgt Ion:164 Resp: 5455
Ion Ratio Lower Upper
164 100
162 105.2 85.0 127.6
160 52.7 41.1 61.7

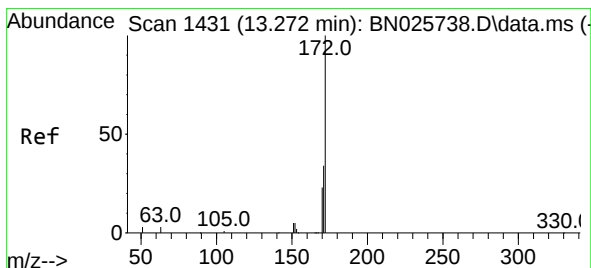
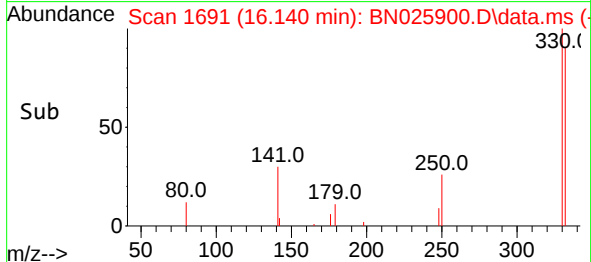
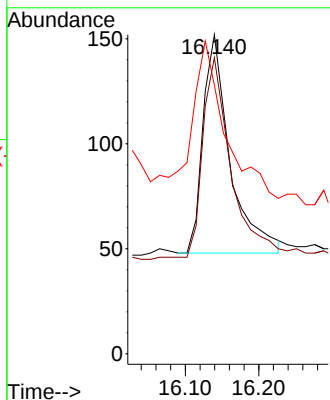
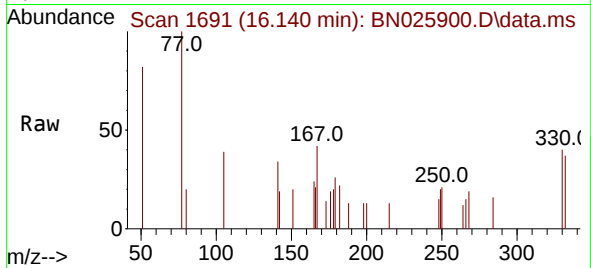




#14
2,4,6-Tribromophenol
Concen: 0.158 ng
RT: 16.140 min Scan# 1691
Delta R.T. 0.012 min
Lab File: BN025900.D
Acq: 19 Jun 2023 14:50

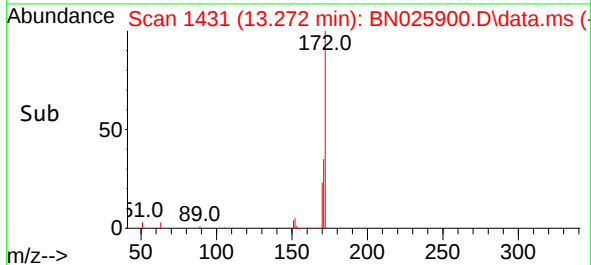
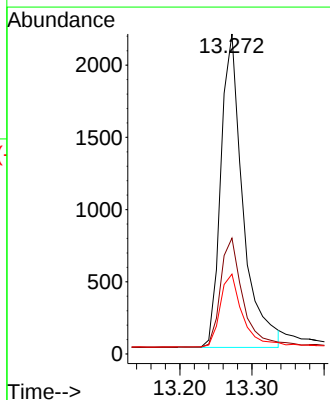
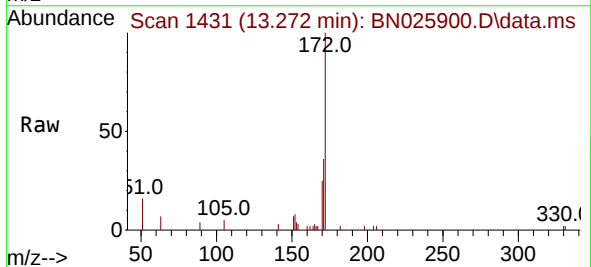
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-05-129-149-061423

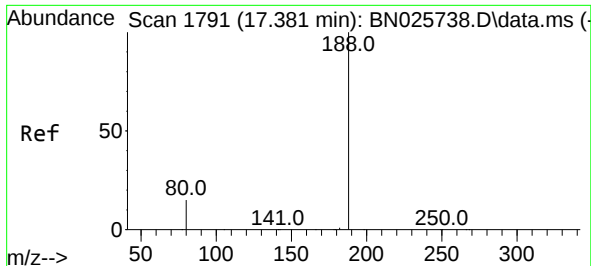
Tgt Ion:330 Resp: 266
Ion Ratio Lower Upper
330 100
332 98.5 77.3 115.9
141 85.7 55.0 82.6#



#15
2-Fluorobiphenyl
Concen: 0.200 ng
RT: 13.272 min Scan# 1431
Delta R.T. 0.011 min
Lab File: BN025900.D
Acq: 19 Jun 2023 14:50

Tgt Ion:172 Resp: 4611
Ion Ratio Lower Upper
172 100
171 36.2 27.3 40.9
170 25.0 18.6 28.0

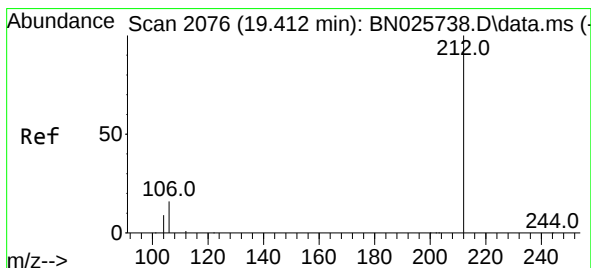
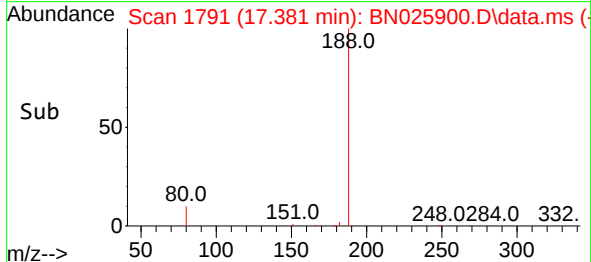
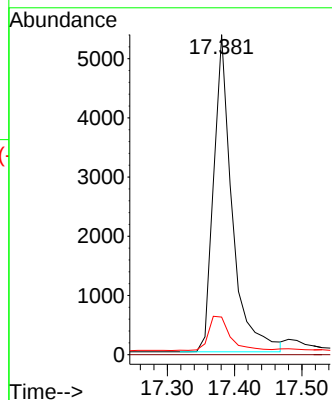
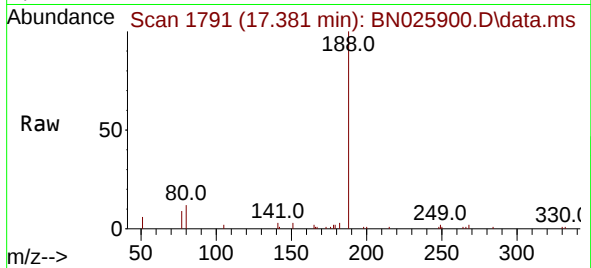




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.381 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN025900.D
Acq: 19 Jun 2023 14:50

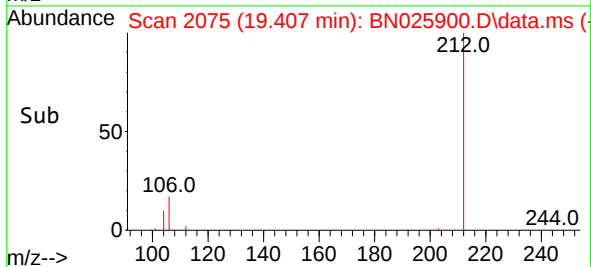
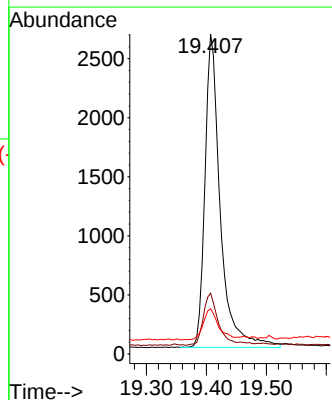
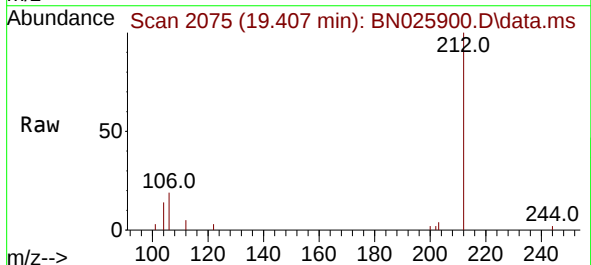
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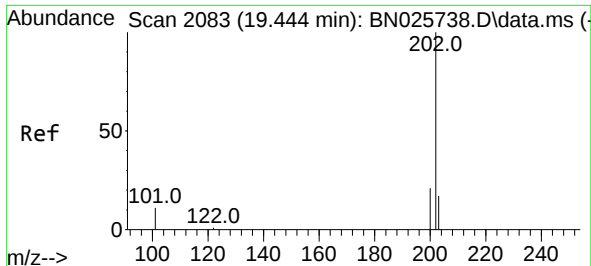
Tgt Ion:188 Resp: 10234
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.7 12.1 18.1#



#27
Fluoranthene-d10
Concen: 0.223 ng
RT: 19.407 min Scan# 2075
Delta R.T. -0.000 min
Lab File: BN025900.D
Acq: 19 Jun 2023 14:50

Tgt Ion:212 Resp: 4699
Ion Ratio Lower Upper
212 100
106 16.6 13.0 19.6
104 9.7 7.7 11.5

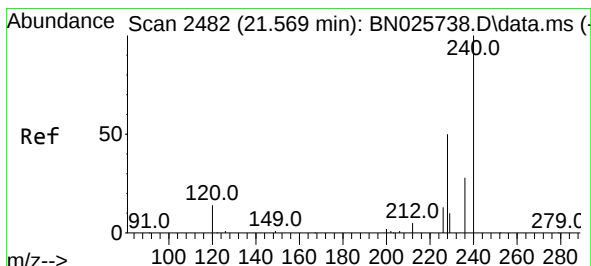
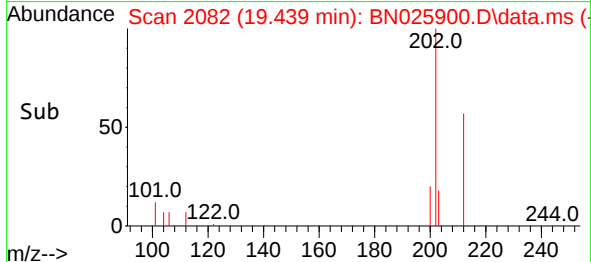
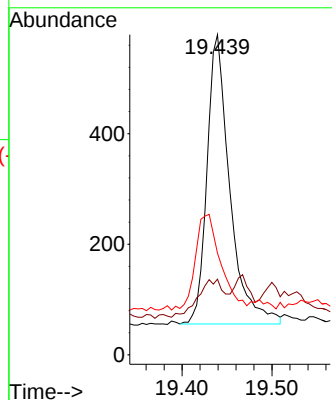
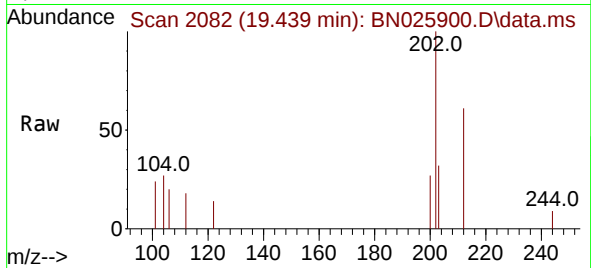




#28
Fluoranthene
Concen: 0.030 ng
RT: 19.439 min Scan# 2082
Delta R.T. 0.005 min
Lab File: BN025900.D
Acq: 19 Jun 2023 14:50

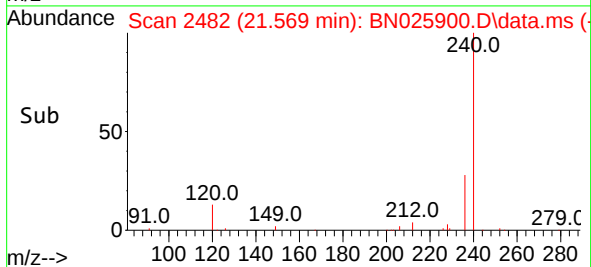
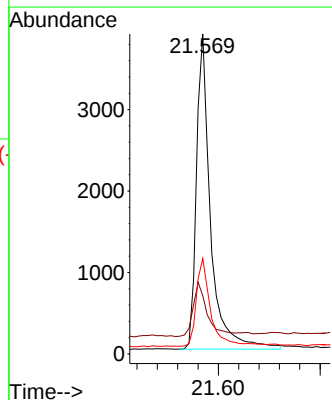
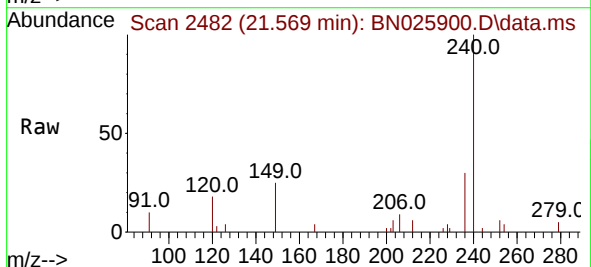
Instrument :
BNA_N
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GWOW-BR-05-129-149-061423

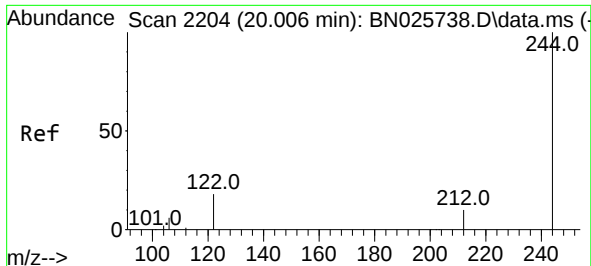
Tgt Ion:202 Resp: 923
Ion Ratio Lower Upper
202 100
101 14.5 9.8 14.8
203 36.6 13.4 20.2#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.569 min Scan# 2482
Delta R.T. 0.009 min
Lab File: BN025900.D
Acq: 19 Jun 2023 14:50

Tgt Ion:240 Resp: 7421
Ion Ratio Lower Upper
240 100
120 18.2 13.2 19.8
236 29.9 23.1 34.7

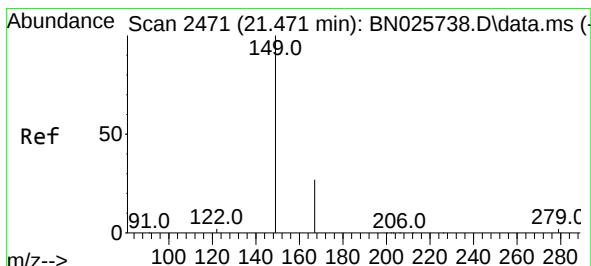
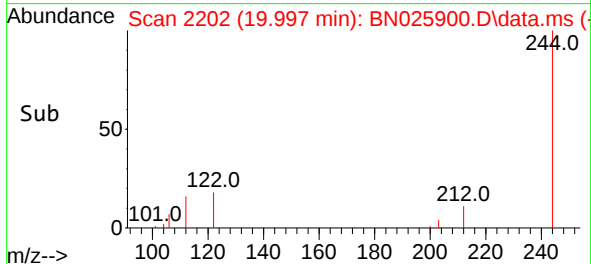
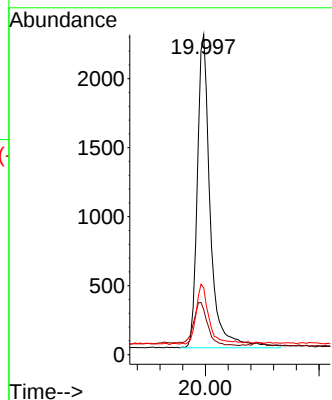
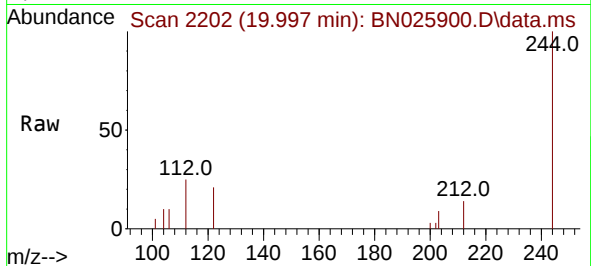




#31
 Terphenyl-d14
 Concen: 0.199 ng
 RT: 19.997 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN025900.D
 Acq: 19 Jun 2023 14:50

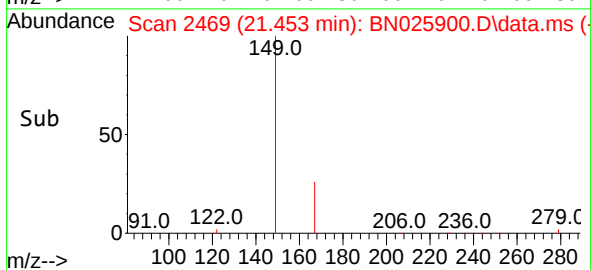
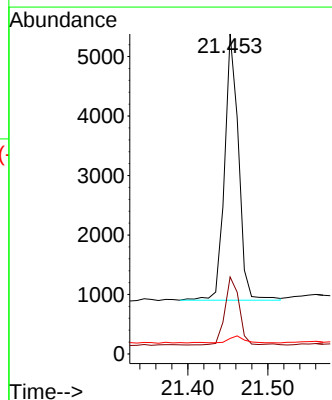
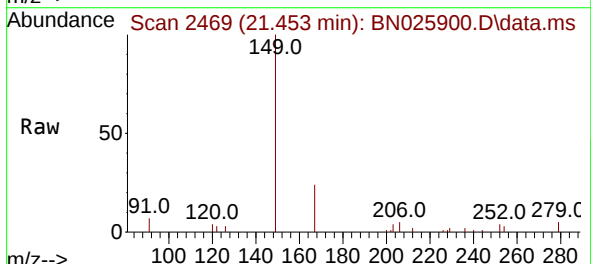
Instrument :
 BNA_N
 ClientSampleId :
 GWOW-BR-05-129-149-061423

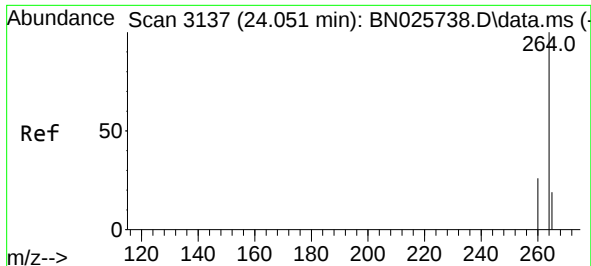
Tgt Ion:244 Resp: 3580
 Ion Ratio Lower Upper
 244 100
 212 14.1 8.6 12.8#
 122 21.0 15.2 22.8



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.319 ng
 RT: 21.453 min Scan# 2469
 Delta R.T. -0.000 min
 Lab File: BN025900.D
 Acq: 19 Jun 2023 14:50

Tgt Ion:149 Resp: 5448
 Ion Ratio Lower Upper
 149 100
 167 26.1 21.0 31.6
 279 2.9 2.2 3.4





#35
Perylene-d12

Concen: 0.400 ng

RT: 24.034 min Scan# 31

Delta R.T. -0.006 min

Lab File: BN025900.D

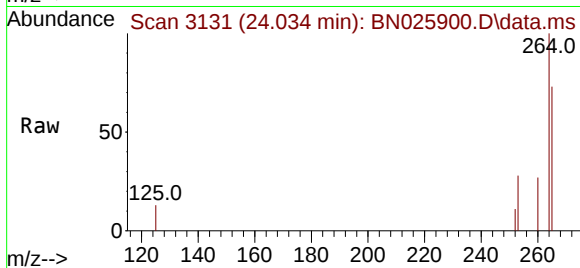
Acq: 19 Jun 2023 14:50

Instrument :

BNA_N

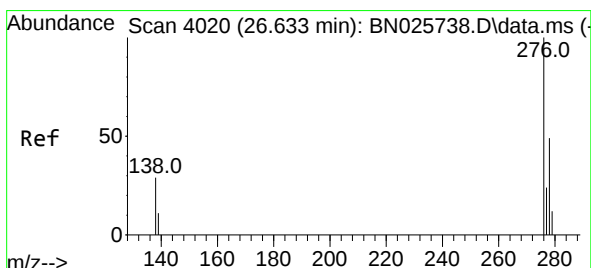
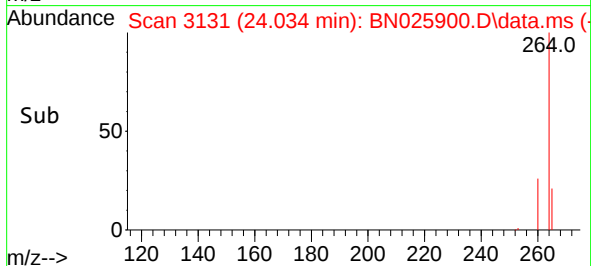
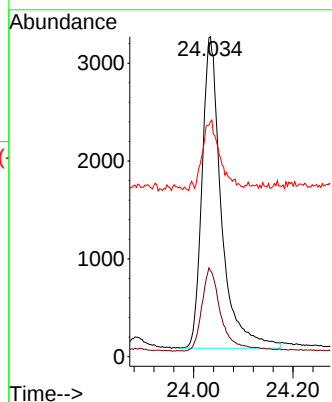
ClientSampleId :

GWOW-BR-05-129-149-061423



Tgt Ion:264 Resp: 8608

Ion	Ratio	Lower	Upper
264	100		
260	26.9	21.4	32.2
265	73.5	44.7	67.1



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.024 ng

RT: 26.647 min Scan# 4025

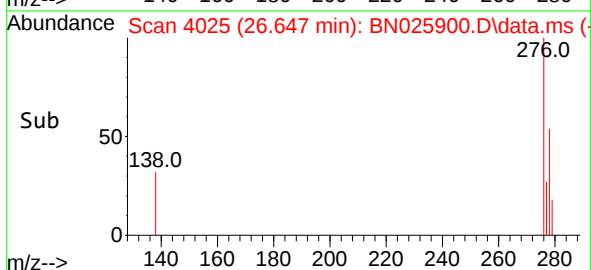
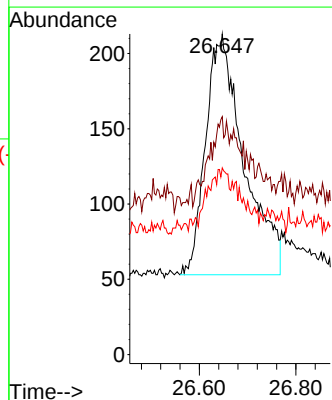
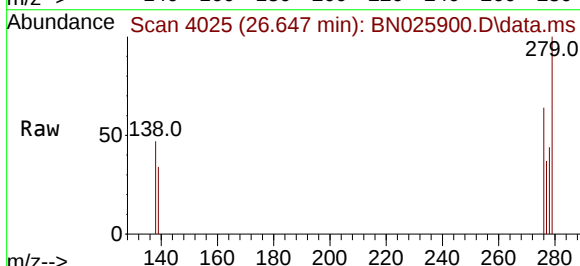
Delta R.T. 0.009 min

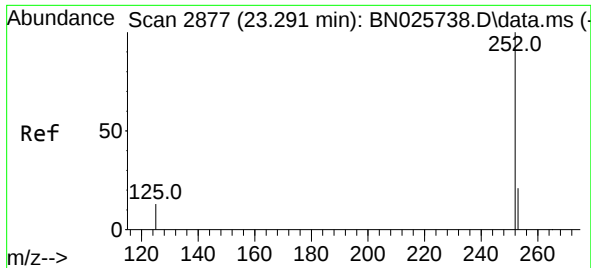
Lab File: BN025900.D

Acq: 19 Jun 2023 14:50

Tgt Ion:276 Resp: 879

Ion	Ratio	Lower	Upper
276	100		
138	1.9	26.1	39.1
277	8.1	19.4	29.2





#37

Benzo(b)fluoranthene

Concen: 0.023 ng

RT: 23.288 min Scan# 2876

Delta R.T. 0.006 min

Lab File: BN025900.D

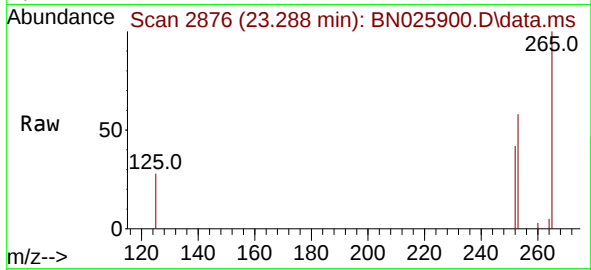
Acq: 19 Jun 2023 14:50

Instrument :

BNA_N

ClientSampleId :

GWOW-BR-05-129-149-061423



Tgt Ion:252 Resp: 793

Ion Ratio Lower Upper

252 100

253 138.6 23.4 35.0#

125 67.1 12.3 18.5#

