

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091823\
 Data File : BN027738.D
 Acq On : 18 Sep 2023 17:28
 Operator : MA/JU
 Sample : 04414-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWOW-08B-18-091223

Quant Time: Sep 19 04:02:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 18 14:40:21 2023
 Response via : Initial Calibration

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

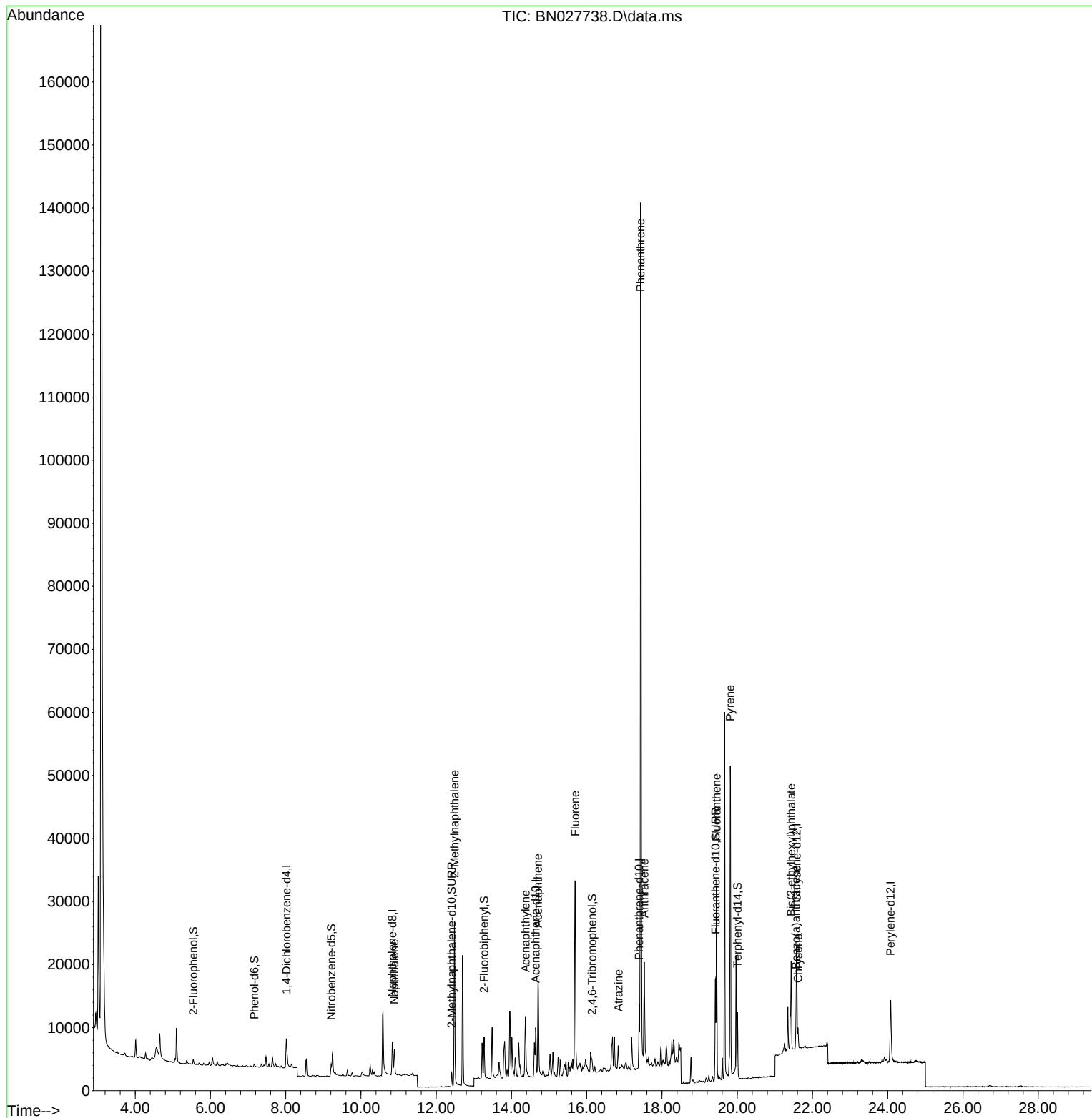
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.015	152	2234	0.400	ng	0.00
7) Naphthalene-d8	10.831	136	7533	0.400	ng	0.00
13) Acenaphthene-d10	14.640	164	5149	0.400	ng	0.00
19) Phenanthrene-d10	17.393	188	13502	0.400	ng	0.00
29) Chrysene-d12	21.578	240	15142	0.400	ng	# 0.00
35) Perylene-d12	24.077	264	15869	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.545	112	671	0.115	ng	0.00
5) Phenol-d6	7.163	99	498	0.070	ng	0.00
8) Nitrobenzene-d5	9.208	82	1797	0.294	ng	0.00
11) 2-Methylnaphthalene-d10	12.411	152	3157	0.284	ng	0.00
14) 2,4,6-Tribromophenol	16.139	330	588	0.244	ng	0.00
15) 2-Fluorobiphenyl	13.272	172	5877	0.335	ng	0.00
27) Fluoranthene-d10	19.421	212	13055	0.346	ng	0.00
31) Terphenyl-d14	20.006	244	10278	0.362	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.885	128	5211	0.251	ng	95
12) 2-Methylnaphthalene	12.487	142	20423	1.405	ng	99
16) Acenaphthylene	14.373	152	9688	0.442	ng	# 95
17) Acenaphthene	14.704	154	8572	0.563	ng	97
18) Fluorene	15.693	166	26569	1.183	ng	92
23) Atrazine	16.847	200	419	0.075	ng	# 46
25) Phenanthrene	17.430	178	162896	4.148	ng	100
26) Anthracene	17.530	178	20415	0.603	ng	99
28) Fluoranthene	19.448	202	27780	0.540	ng	100
30) Pyrene	19.816	202	44949	0.870	ng	99
32) Benzo(a)anthracene	21.560	228	3070	0.057	ng	# 88
33) Chrysene	21.614	228	3052	0.053	ng	# 88
34) Bis(2-ethylhexyl)phtha...	21.435	149	18330	0.719	ng	98

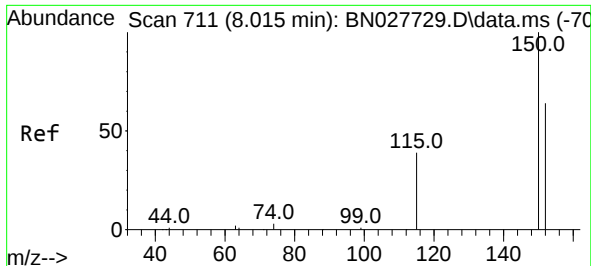
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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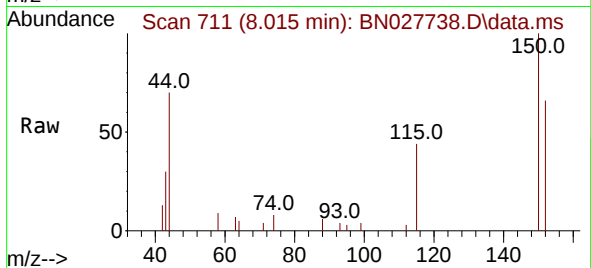
Quant Time: Sep 19 04:02:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091823.M
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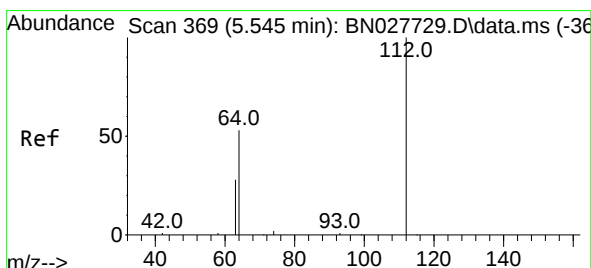
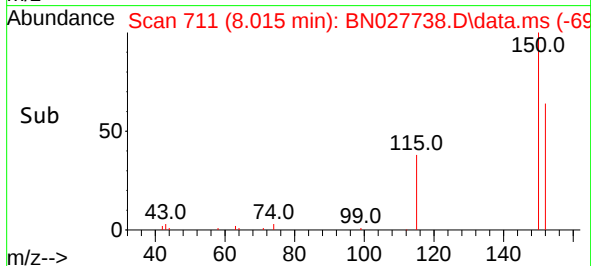
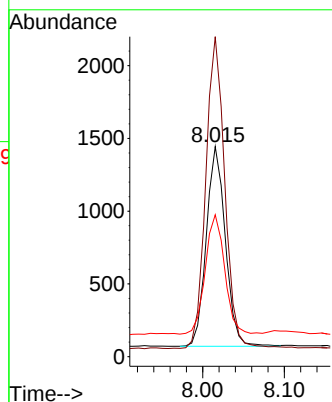
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.015 min Scan# 711
Delta R.T. 0.000 min
Lab File: BN027738.D
Acq: 18 Sep 2023 17:28

Instrument :
BNA_N
ClientSampleId :
GWOW-08B-18-091223



Tgt Ion:152 Resp: 2234

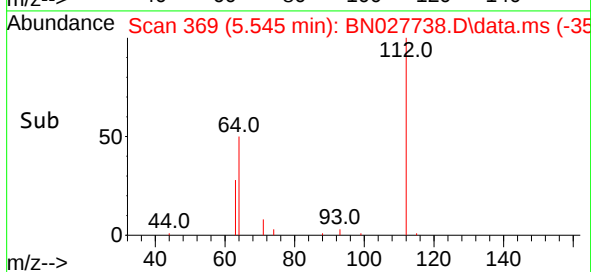
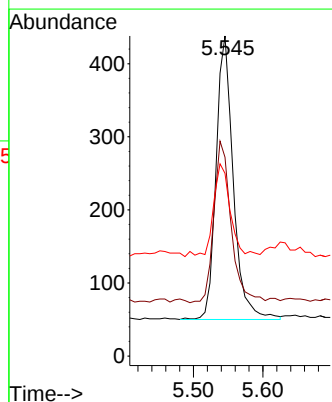
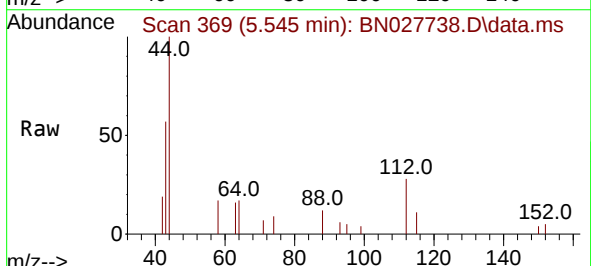
Ion	Ratio	Lower	Upper
152	100		
150	152.3	119.2	178.8
115	67.5	53.8	80.8

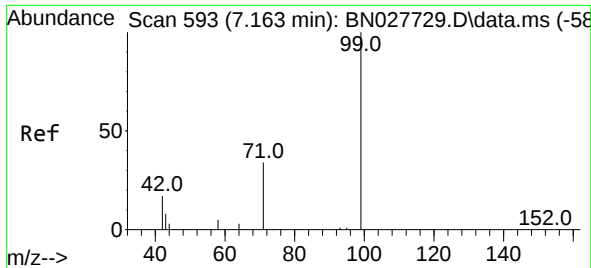


#4
2-Fluorophenol
Concen: 0.115 ng
RT: 5.545 min Scan# 369
Delta R.T. -0.000 min
Lab File: BN027738.D
Acq: 18 Sep 2023 17:28

Tgt Ion:112 Resp: 671

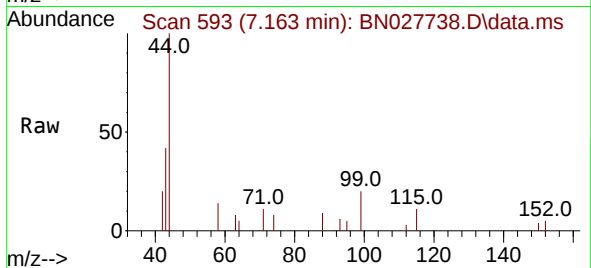
Ion	Ratio	Lower	Upper
112	100		
64	57.2	45.0	67.6
63	30.4	24.1	36.1



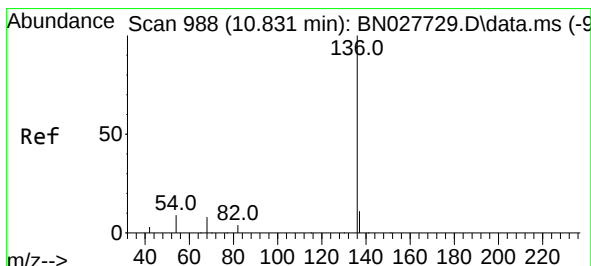
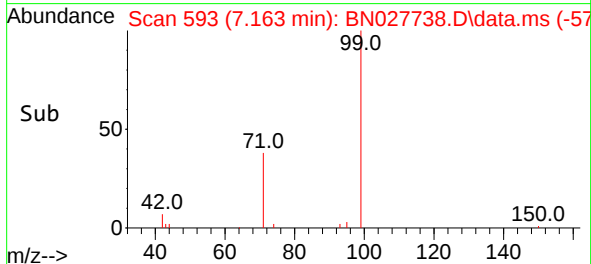
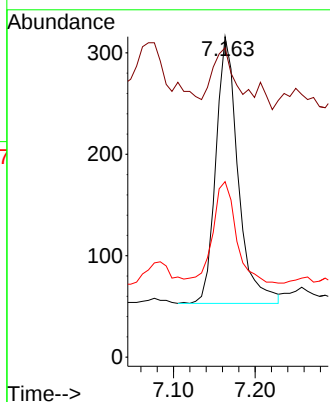


#5
Phenol-d6
Concen: 0.070 ng
RT: 7.163 min Scan# 593
Delta R.T. 0.007 min
Lab File: BN027738.D
Acq: 18 Sep 2023 17:28

Instrument :
BNA_N
ClientSampleId :
GWOW-08B-18-091223

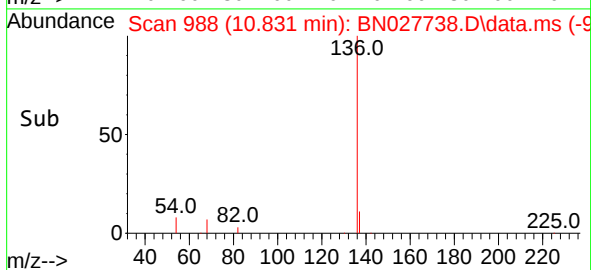
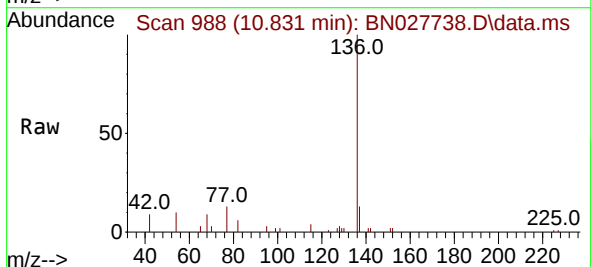
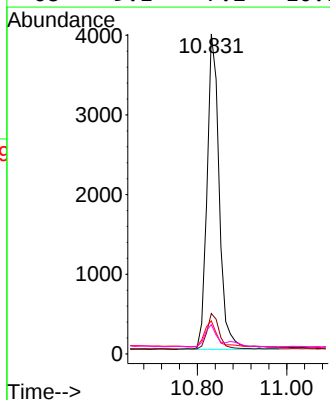


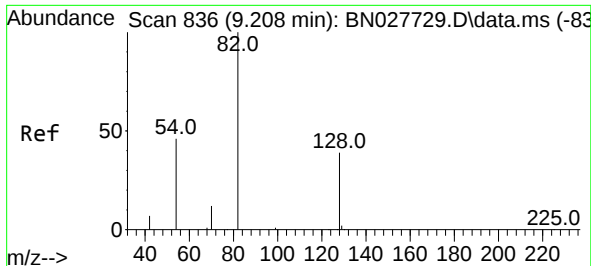
Tgt Ion:	99	Resp:	498
Ion	Ratio	Lower	Upper
99	100		
42	18.3	15.8	23.8
71	40.0	27.3	40.9



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.831 min Scan# 988
Delta R.T. 0.000 min
Lab File: BN027738.D
Acq: 18 Sep 2023 17:28

Tgt Ion:	136	Resp:	7533
Ion	Ratio	Lower	Upper
136	100		
137	12.6	9.8	14.8
54	10.3	7.8	11.6
68	9.1	7.2	10.8

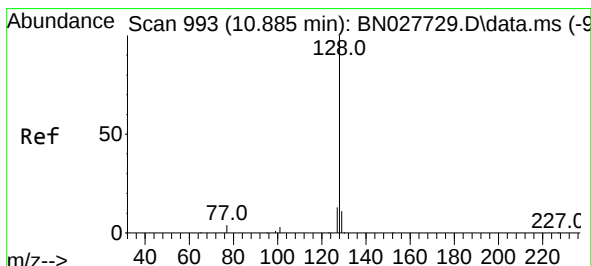
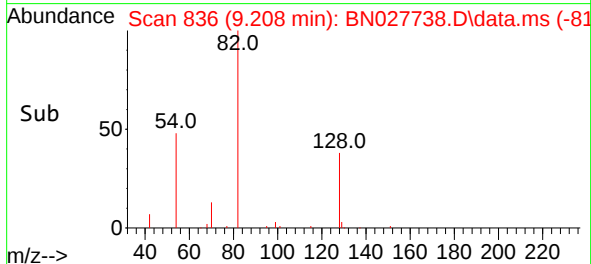
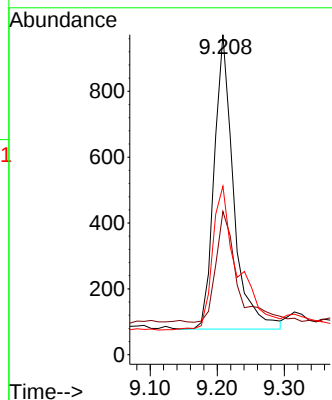
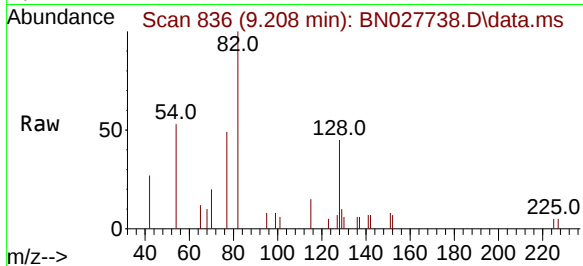




#8
Nitrobenzene-d5
Concen: 0.294 ng
RT: 9.208 min Scan# 81
Delta R.T. -0.000 min
Lab File: BN027738.D
Acq: 18 Sep 2023 17:28

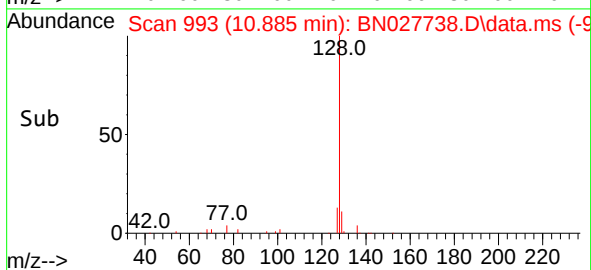
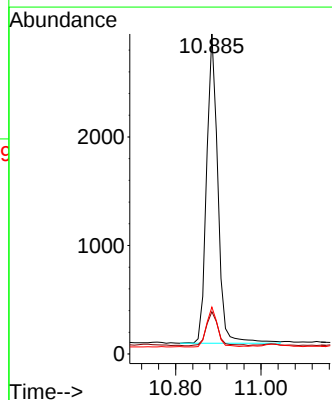
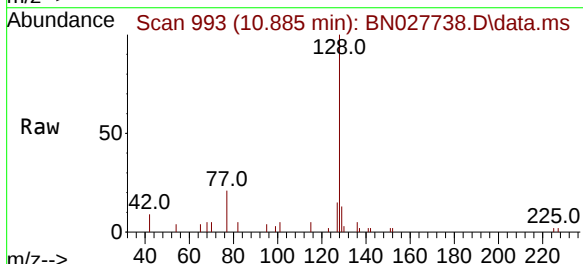
Instrument :
BNA_N
ClientSampleId :
GWOW-08B-18-091223

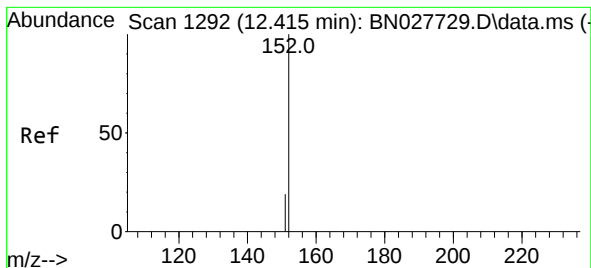
Tgt Ion: 82 Resp: 1797
Ion Ratio Lower Upper
82 100
128 44.8 35.1 52.7
54 52.7 35.1 52.7



#9
Naphthalene
Concen: 0.251 ng
RT: 10.885 min Scan# 993
Delta R.T. -0.000 min
Lab File: BN027738.D
Acq: 18 Sep 2023 17:28

Tgt Ion: 128 Resp: 5211
Ion Ratio Lower Upper
128 100
129 13.2 8.9 13.3
127 14.7 10.4 15.6

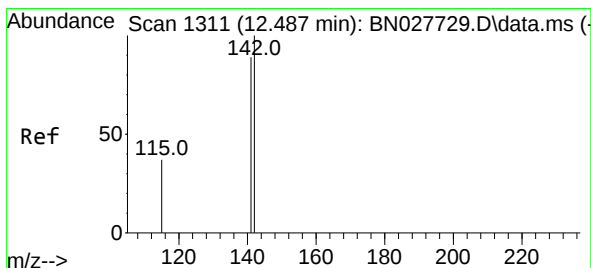
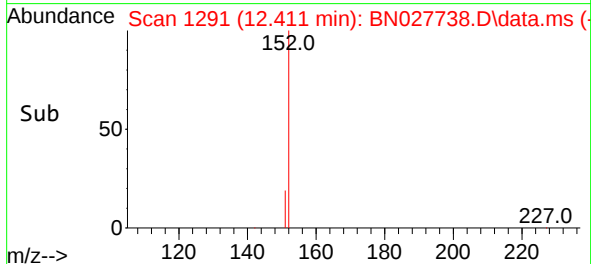
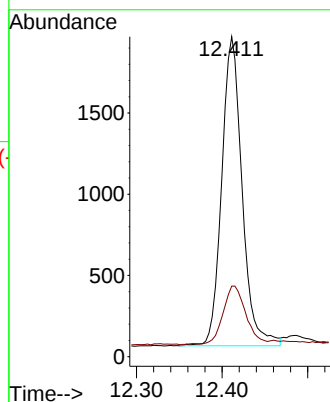
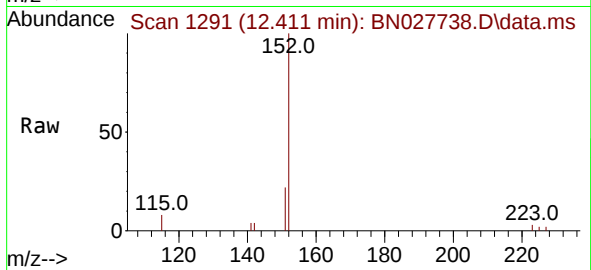




#11
2-Methylnaphthalene-d10
Concen: 0.284 ng
RT: 12.411 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN027738.D
Acq: 18 Sep 2023 17:28

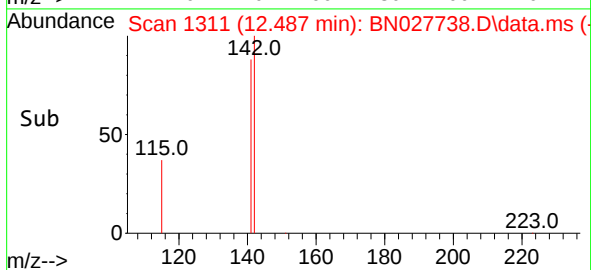
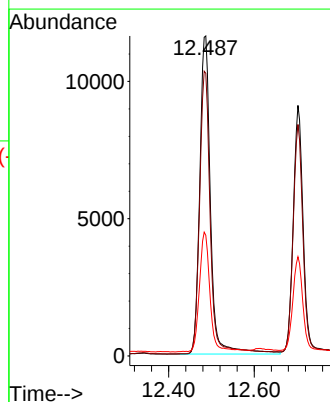
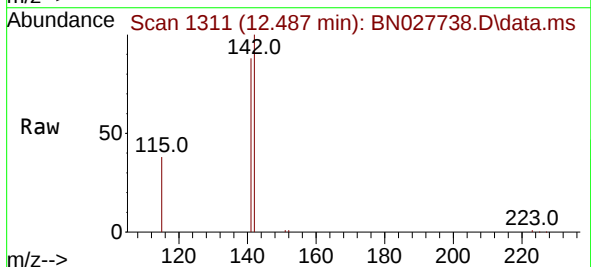
Instrument :
BNA_N
ClientSampleId :
GWOW-08B-18-091223

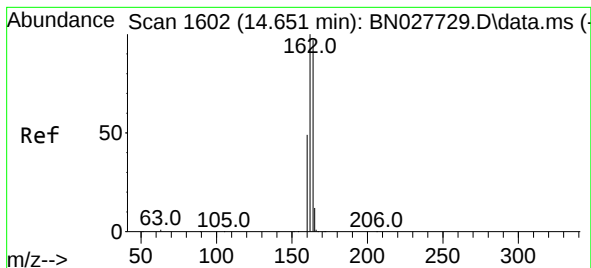
Tgt Ion:152 Resp: 3157
Ion Ratio Lower Upper
152 100
151 20.4 16.5 24.7



#12
2-Methylnaphthalene
Concen: 1.405 ng
RT: 12.487 min Scan# 1311
Delta R.T. 0.004 min
Lab File: BN027738.D
Acq: 18 Sep 2023 17:28

Tgt Ion:142 Resp: 20423
Ion Ratio Lower Upper
142 100
141 88.3 70.8 106.2
115 37.7 29.4 44.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.640 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN027738.D

Acq: 18 Sep 2023 17:28

Instrument :

BNA_N

ClientSampleId :

GWOW-08B-18-091223

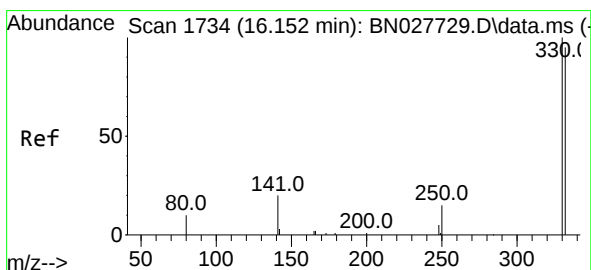
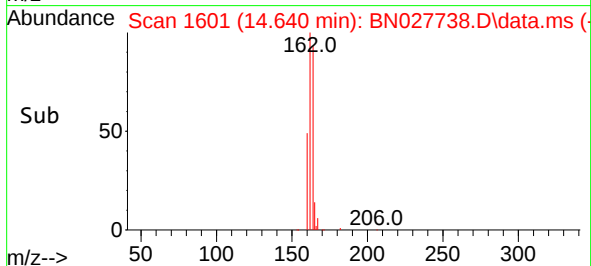
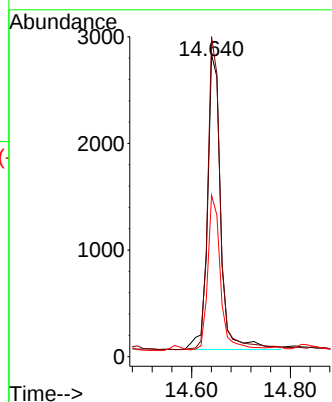
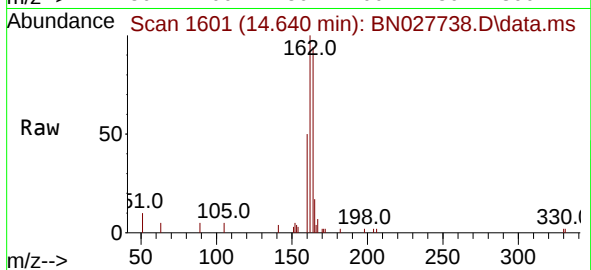
Tgt Ion:164 Resp: 5149

Ion Ratio Lower Upper

164 100

162 105.9 83.4 125.2

160 53.4 41.0 61.4



#14

2,4,6-Tribromophenol

Concen: 0.244 ng

RT: 16.139 min Scan# 1733

Delta R.T. -0.000 min

Lab File: BN027738.D

Acq: 18 Sep 2023 17:28

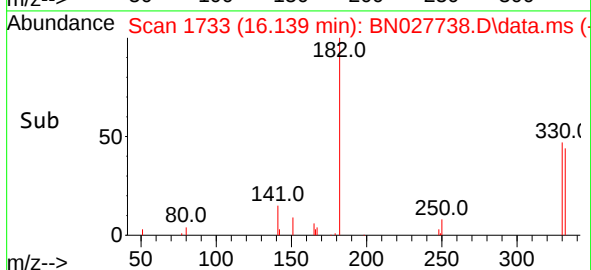
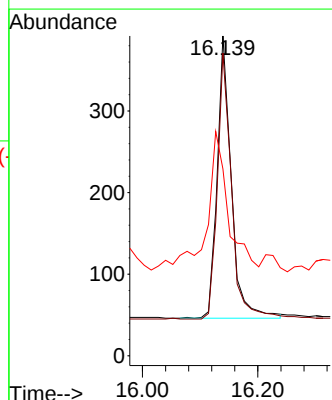
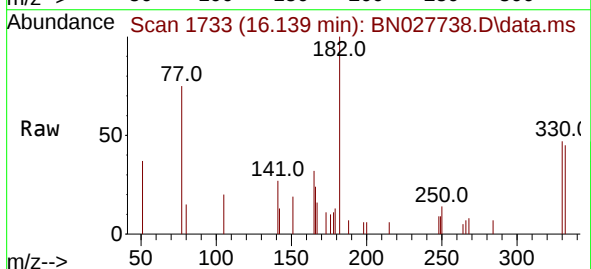
Tgt Ion:330 Resp: 588

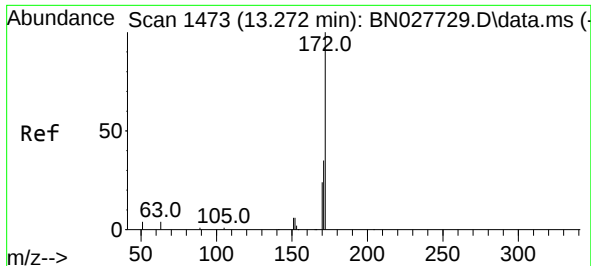
Ion Ratio Lower Upper

330 100

332 94.6 76.6 115.0

141 62.6 38.2 57.2#

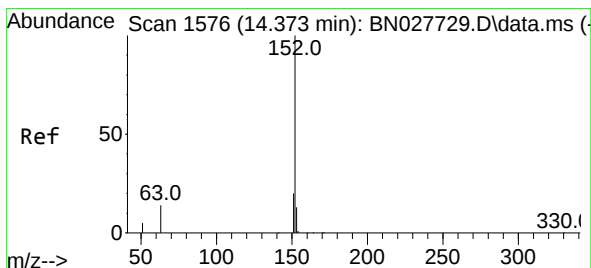
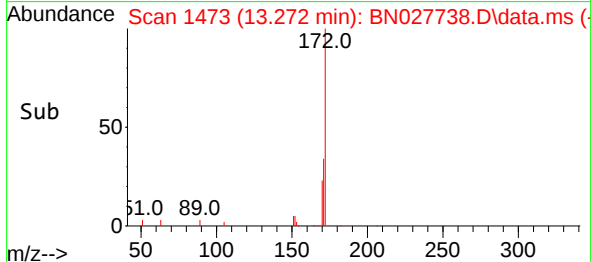
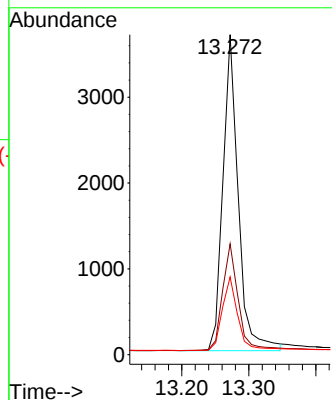
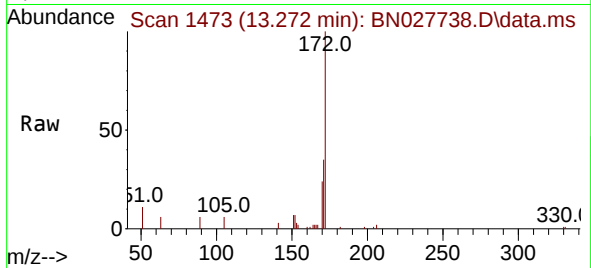




#15
2-Fluorobiphenyl
Concen: 0.335 ng
RT: 13.272 min Scan# 1473
Delta R.T. -0.000 min
Lab File: BN027738.D
Acq: 18 Sep 2023 17:28

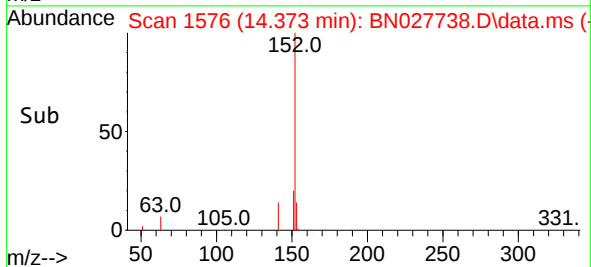
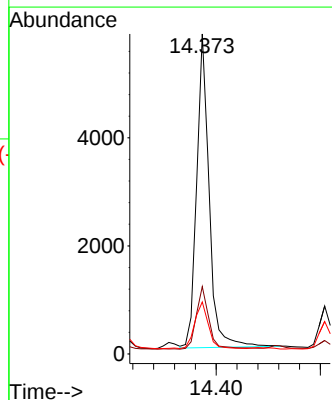
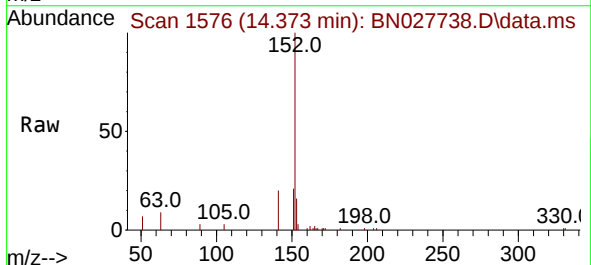
Instrument :
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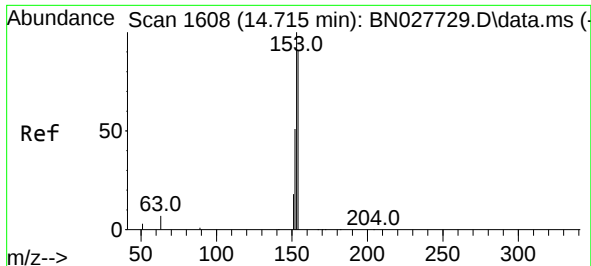
Tgt Ion:172 Resp: 5877
Ion Ratio Lower Upper
172 100
171 34.7 27.6 41.4
170 24.3 18.7 28.1



#16
Acenaphthylene
Concen: 0.442 ng
RT: 14.373 min Scan# 1576
Delta R.T. -0.000 min
Lab File: BN027738.D
Acq: 18 Sep 2023 17:28

Tgt Ion:152 Resp: 9688
Ion Ratio Lower Upper
152 100
151 20.3 15.6 23.4
153 16.6 10.3 15.5#

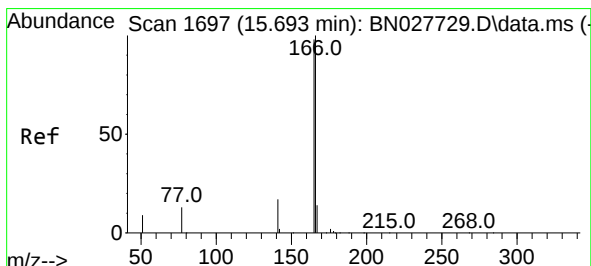
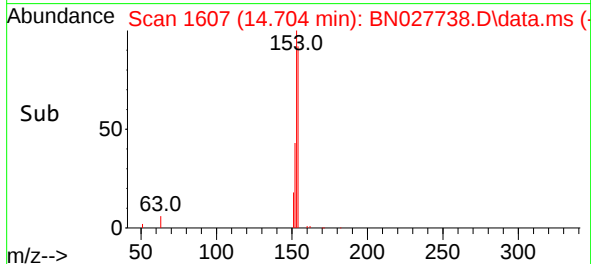
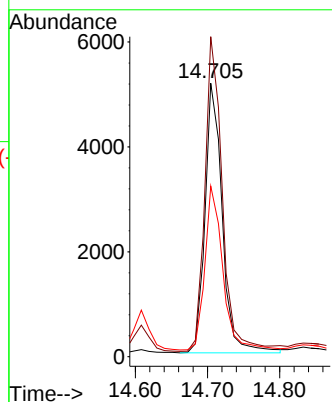
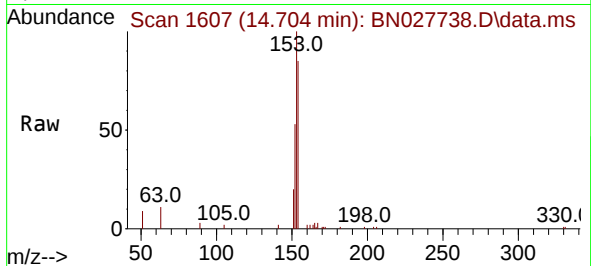




#17
Acenaphthene
Concen: 0.563 ng
RT: 14.704 min Scan# 1607
Delta R.T. -0.000 min
Lab File: BN027738.D
Acq: 18 Sep 2023 17:28

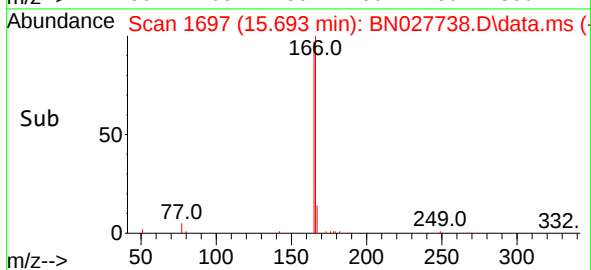
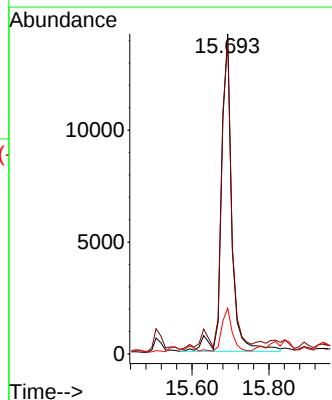
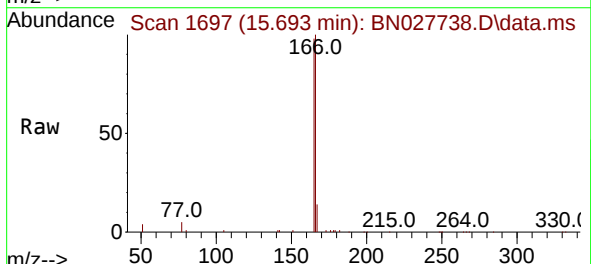
Instrument :
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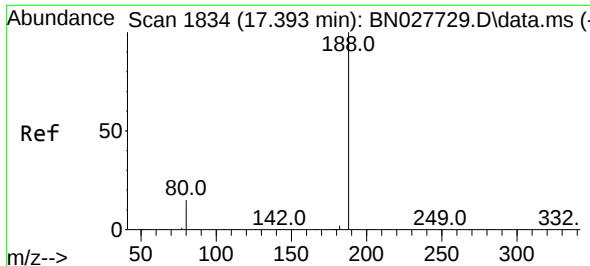
Tgt Ion:154 Resp: 8572
Ion Ratio Lower Upper
154 100
153 117.6 92.0 138.0
152 62.9 47.0 70.6



#18
Fluorene
Concen: 1.183 ng
RT: 15.693 min Scan# 1697
Delta R.T. 0.000 min
Lab File: BN027738.D
Acq: 18 Sep 2023 17:28

Tgt Ion:166 Resp: 26569
Ion Ratio Lower Upper
166 100
165 89.8 78.4 117.6
167 12.7 10.7 16.1

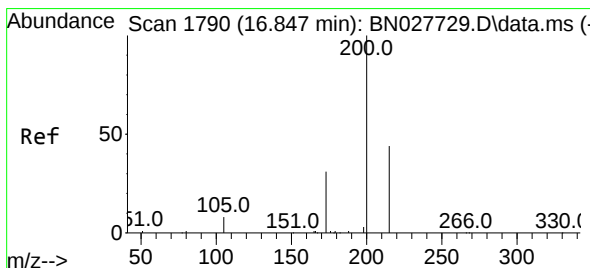
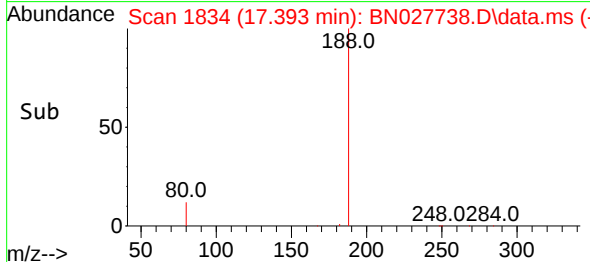
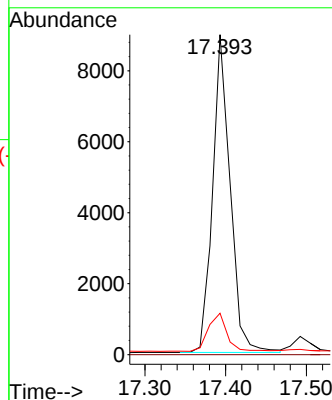
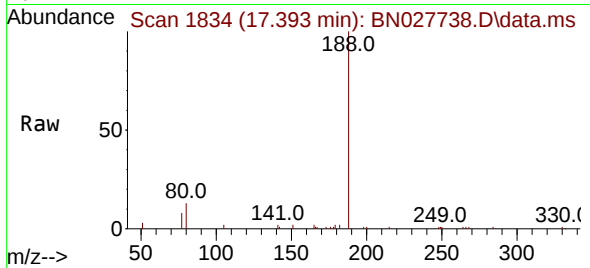




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.393 min Scan# 1834
Delta R.T. -0.000 min
Lab File: BN027738.D
Acq: 18 Sep 2023 17:28

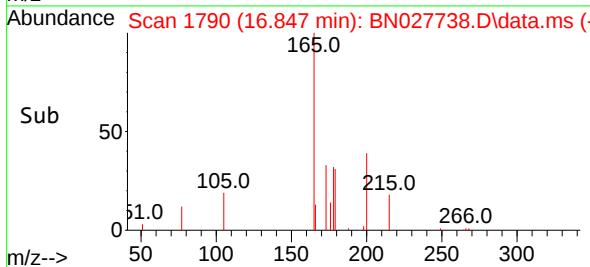
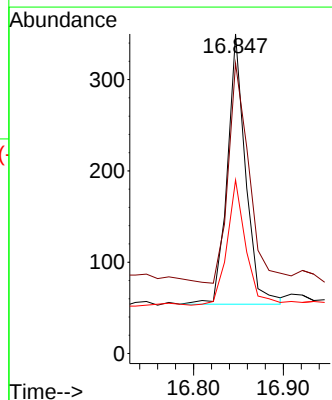
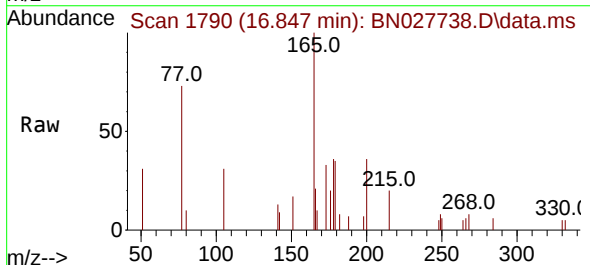
Instrument :
BNA_N
ClientSampleId :
GWOW-08B-18-091223

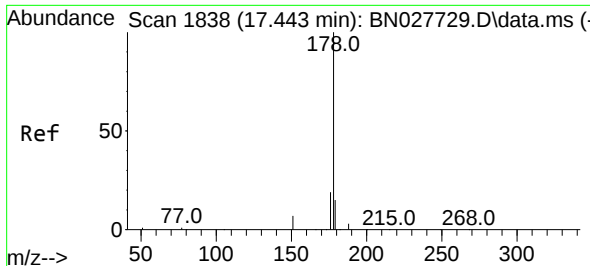
Tgt Ion:188 Resp: 13502
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.9 9.5 14.3



#23
Atrazine
Concen: 0.075 ng
RT: 16.847 min Scan# 1790
Delta R.T. -0.000 min
Lab File: BN027738.D
Acq: 18 Sep 2023 17:28

Tgt Ion:200 Resp: 419
Ion Ratio Lower Upper
200 100
173 90.9 20.5 30.7#
215 54.3 37.0 55.6

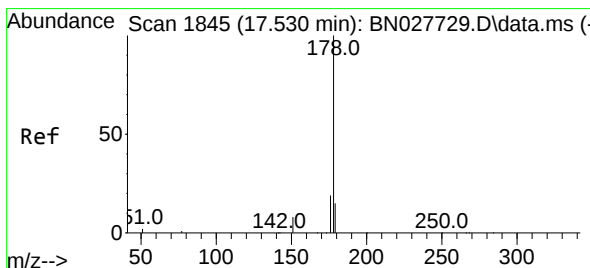
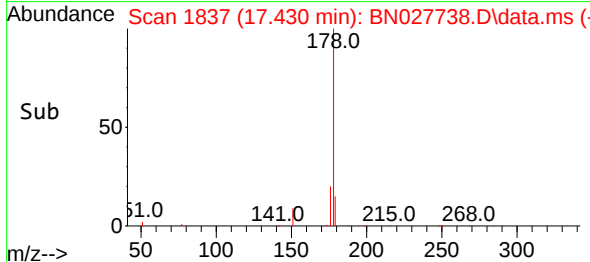
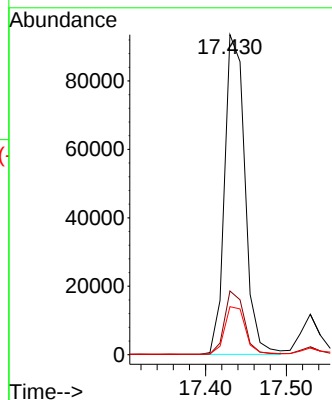
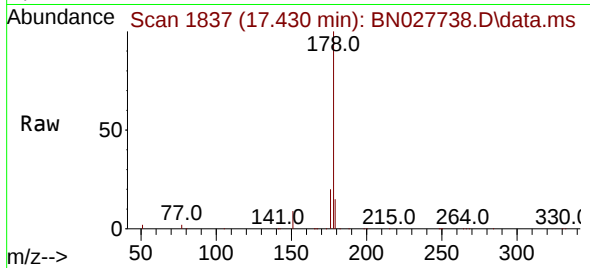




#25
Phenanthrene
Concen: 4.148 ng
RT: 17.430 min Scan# 1838
Delta R.T. -0.000 min
Lab File: BN027738.D
Acq: 18 Sep 2023 17:28

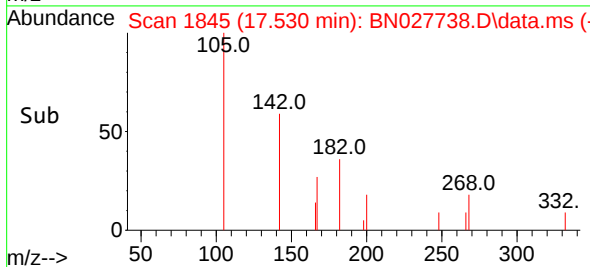
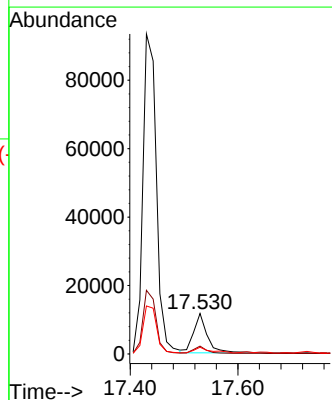
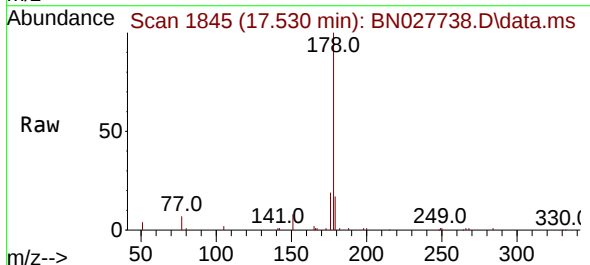
Instrument :
BNA_N
ClientSampleId :
GWOW-08B-18-091223

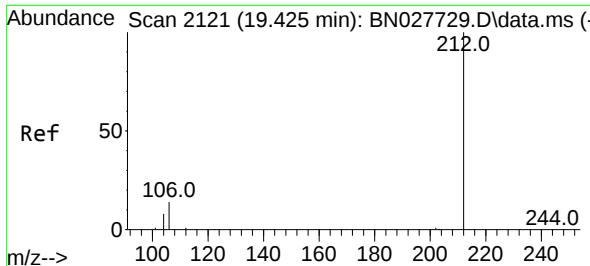
Tgt Ion:178 Resp: 162896
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 15.3 12.2 18.2



#26
Anthracene
Concen: 0.603 ng
RT: 17.530 min Scan# 1845
Delta R.T. -0.000 min
Lab File: BN027738.D
Acq: 18 Sep 2023 17:28

Tgt Ion:178 Resp: 20415
Ion Ratio Lower Upper
178 100
176 18.7 14.9 22.3
179 16.1 12.2 18.2

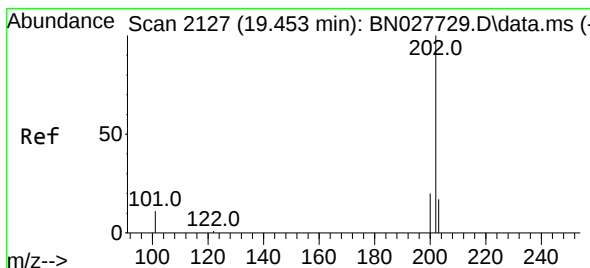
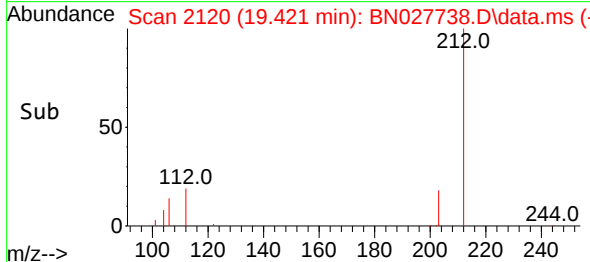
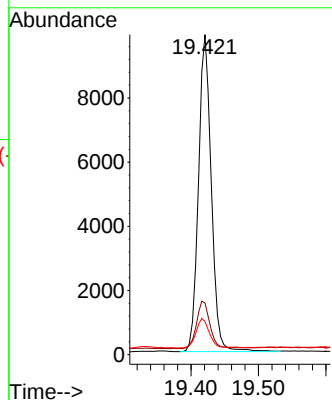
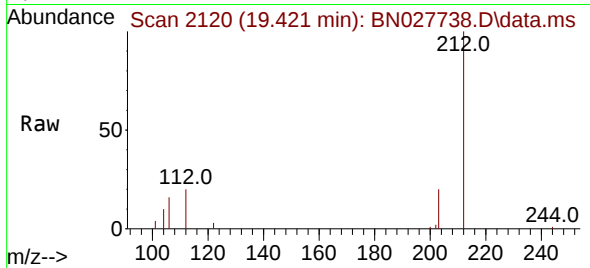




#27
Fluoranthene-d10
Concen: 0.346 ng
RT: 19.421 min Scan# 2120
Delta R.T. -0.000 min
Lab File: BN027738.D
Acq: 18 Sep 2023 17:28

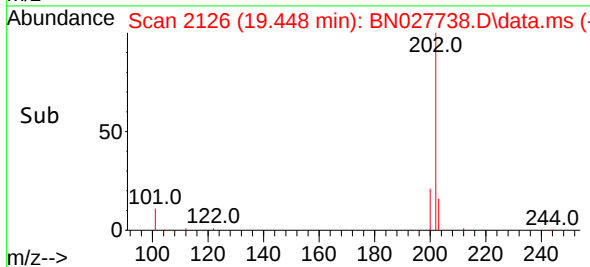
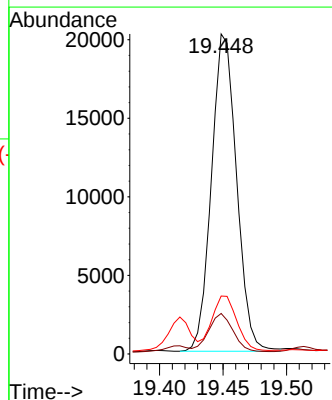
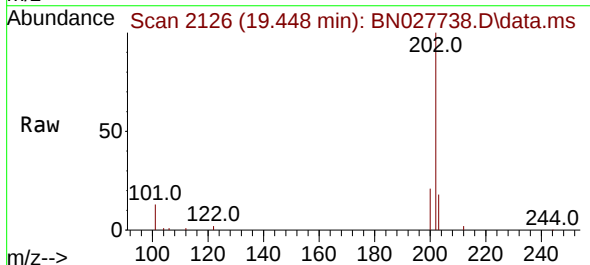
Instrument :
BNA_N
ClientSampleId :
GWOW-08B-18-091223

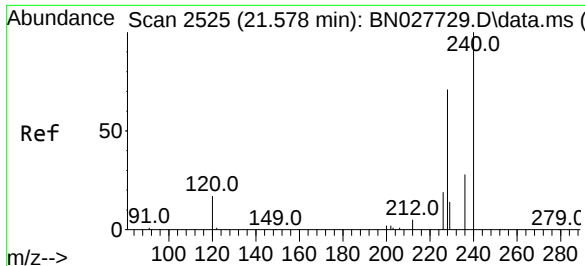
Tgt Ion:212 Resp: 13055
Ion Ratio Lower Upper
212 100
106 16.0 11.9 17.9
104 9.7 6.7 10.1



#28
Fluoranthene
Concen: 0.540 ng
RT: 19.448 min Scan# 2126
Delta R.T. -0.000 min
Lab File: BN027738.D
Acq: 18 Sep 2023 17:28

Tgt Ion:202 Resp: 27780
Ion Ratio Lower Upper
202 100
101 11.8 9.5 14.3
203 17.0 13.8 20.8

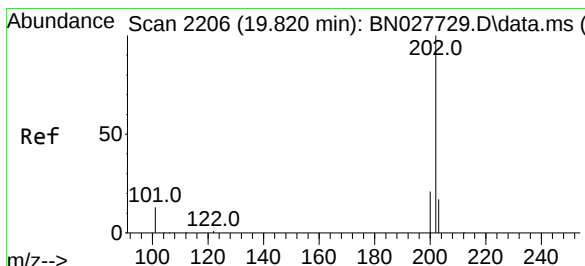
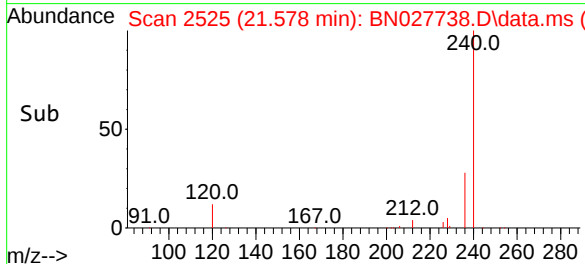
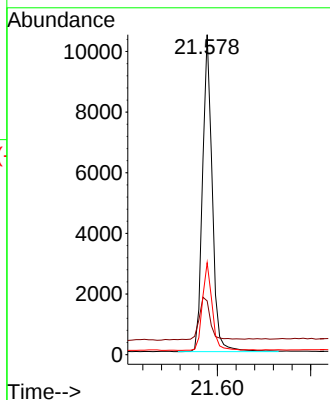
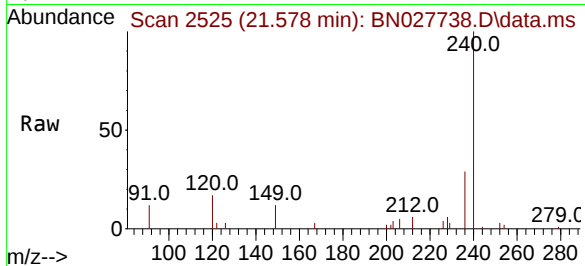




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.578 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN027738.D
Acq: 18 Sep 2023 17:28

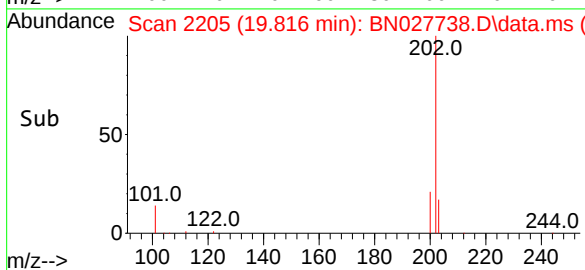
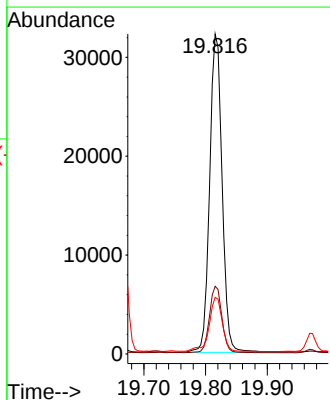
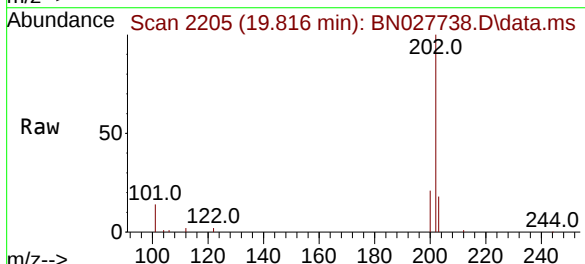
Instrument :
BNA_N
ClientSampleId :
GWOW-08B-18-091223

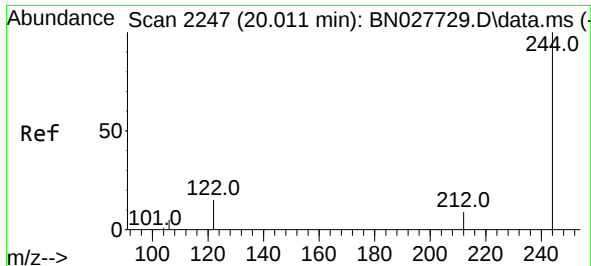
Tgt Ion:240 Resp: 15142
Ion Ratio Lower Upper
240 100
120 16.8 10.7 16.1#
236 28.8 22.4 33.6



#30
Pyrene
Concen: 0.870 ng
RT: 19.816 min Scan# 2205
Delta R.T. -0.000 min
Lab File: BN027738.D
Acq: 18 Sep 2023 17:28

Tgt Ion:202 Resp: 44949
Ion Ratio Lower Upper
202 100
200 20.9 16.8 25.2
203 18.2 14.2 21.4

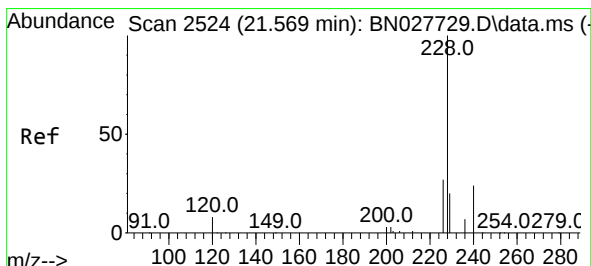
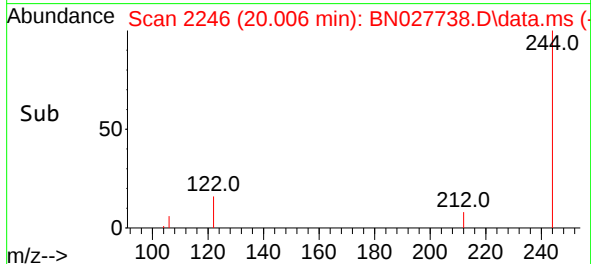
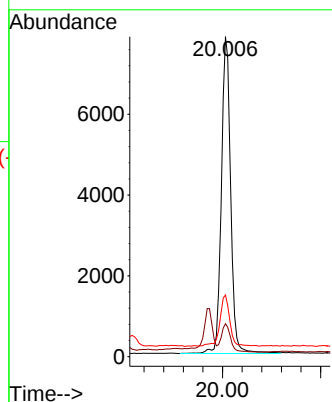
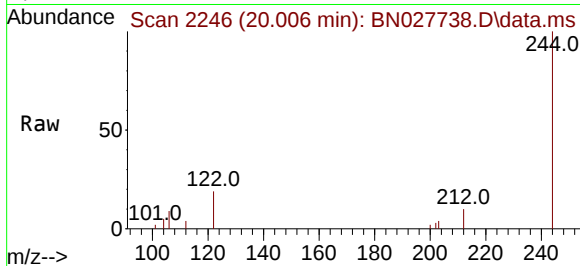




#31
 Terphenyl-d14
 Concen: 0.362 ng
 RT: 20.006 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN027738.D
 Acq: 18 Sep 2023 17:28

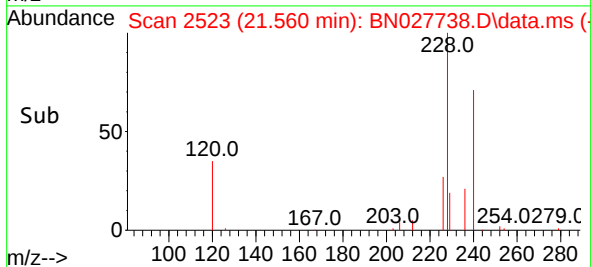
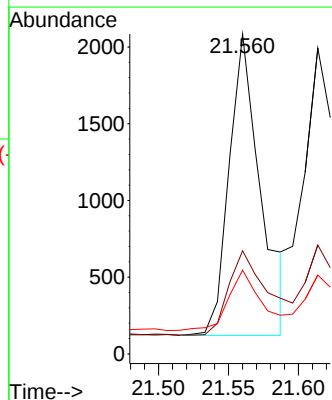
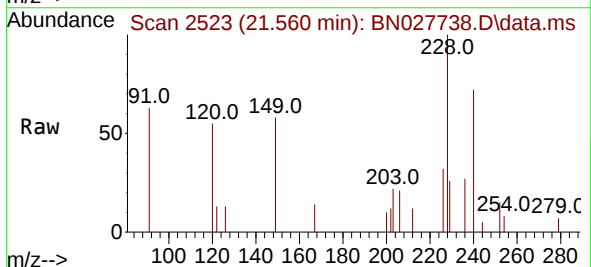
Instrument :
 BNA_N
 ClientSampleId :
 GWOW-08B-18-091223

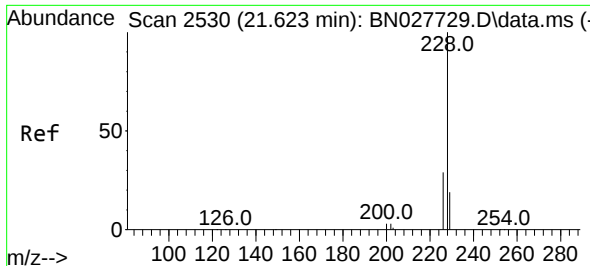
Tgt Ion:244 Resp: 10278
 Ion Ratio Lower Upper
 244 100
 212 10.3 7.0 10.4
 122 19.3 12.7 19.1#



#32
 Benzo(a)anthracene
 Concen: 0.057 ng
 RT: 21.560 min Scan# 2523
 Delta R.T. -0.000 min
 Lab File: BN027738.D
 Acq: 18 Sep 2023 17:28

Tgt Ion:228 Resp: 3070
 Ion Ratio Lower Upper
 228 100
 226 32.2 21.4 32.0#
 229 26.2 15.8 23.8#

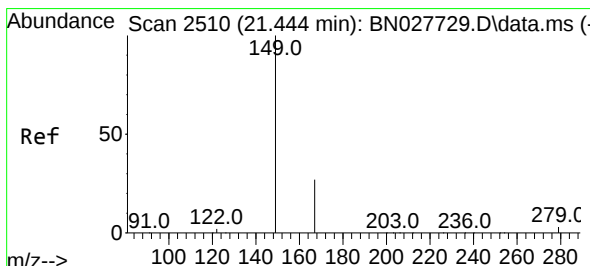
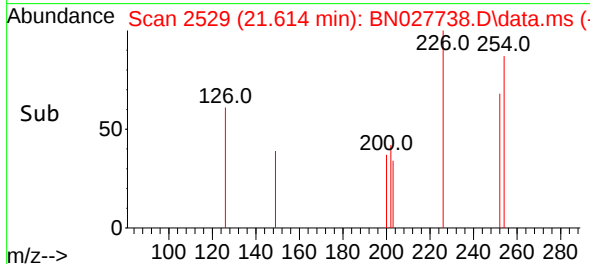
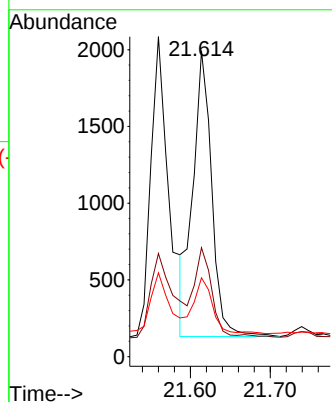
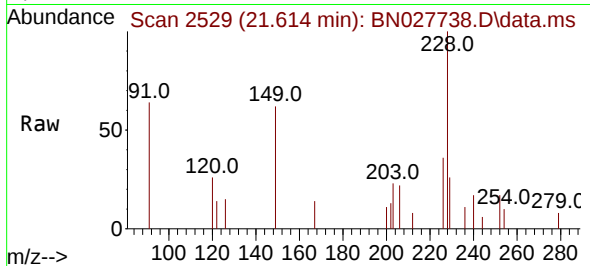




#33
Chrysene
Concen: 0.053 ng
RT: 21.614 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN027738.D
Acq: 18 Sep 2023 17:28

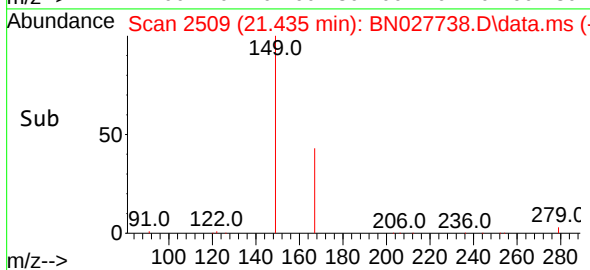
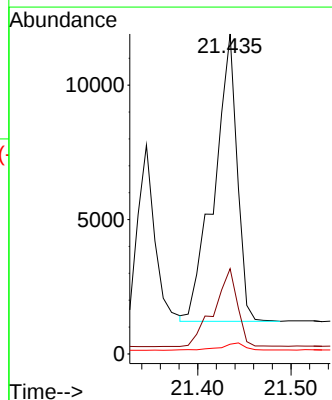
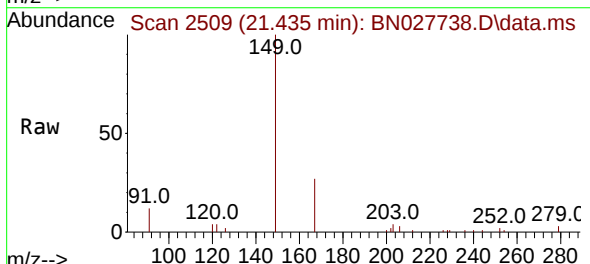
Instrument :
BNA_N
ClientSampleId :
GWOW-08B-18-091223

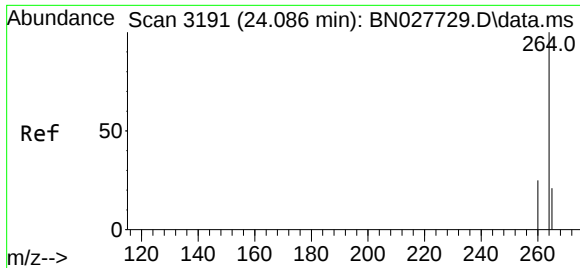
Tgt Ion:228 Resp: 3052
Ion Ratio Lower Upper
228 100
226 35.6 24.1 36.1
229 25.8 15.6 23.4#



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.719 ng
RT: 21.435 min Scan# 2509
Delta R.T. -0.000 min
Lab File: BN027738.D
Acq: 18 Sep 2023 17:28

Tgt Ion:149 Resp: 18330
Ion Ratio Lower Upper
149 100
167 27.8 21.5 32.3
279 2.8 2.3 3.5





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.077 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: BN027738.D
 Acq: 18 Sep 2023 17:28

Instrument :
 BNA_N
 ClientSampleId :
 GWOW-08B-18-091223

Tgt Ion:	264	Resp:	15869
Ion	Ratio	Lower	Upper
264	100		
260	26.9	20.9	31.3
265	59.8	56.6	85.0

