

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082923\
 Data File : BN027242.D
 Acq On : 29 Aug 2023 15:30
 Operator : MA/JU
 Sample : 04126-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW201D1-20230819

Quant Time: Aug 30 00:04:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 29 05:37:30 2023
 Response via : Initial Calibration

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

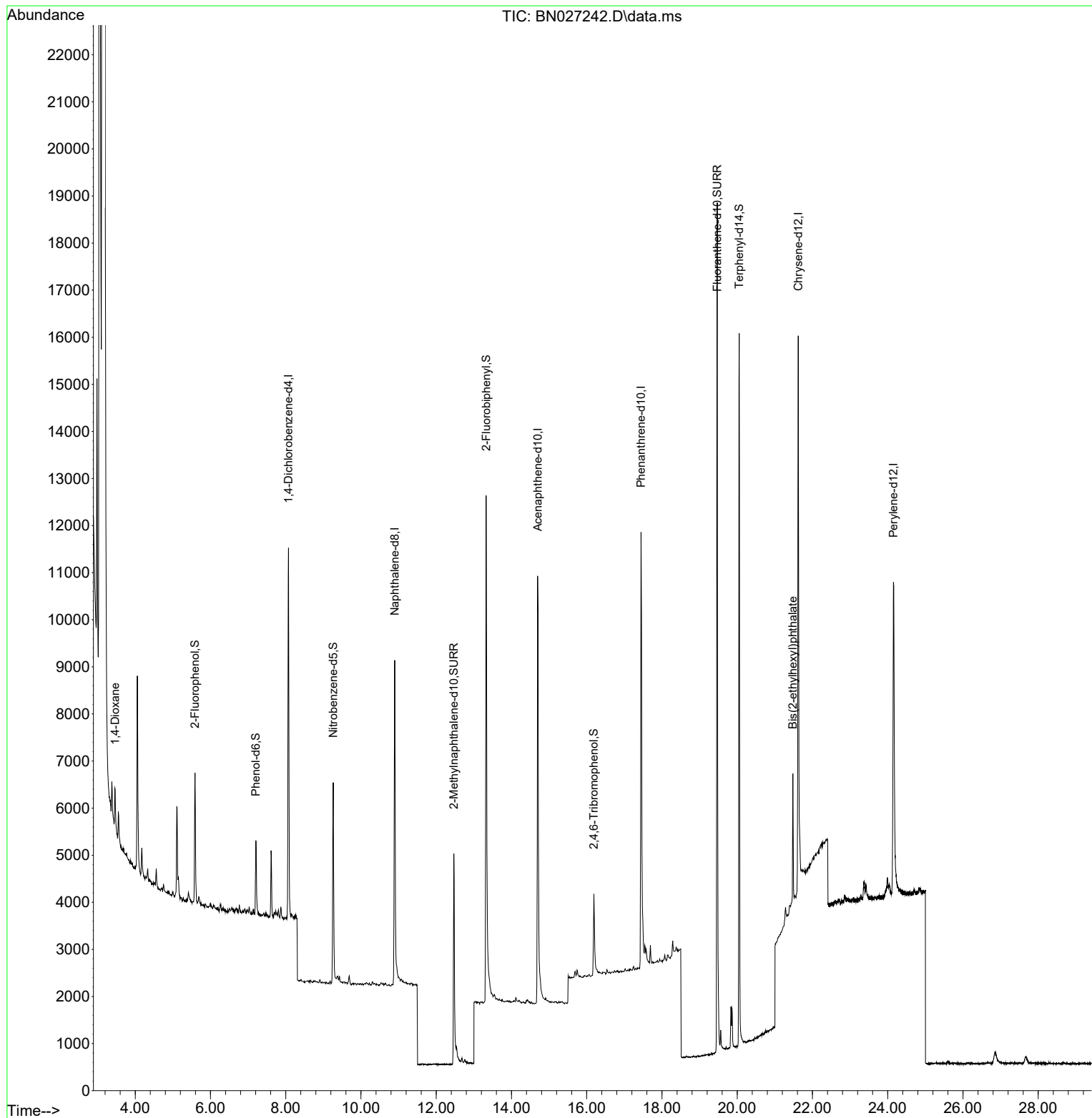
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.073	152	4059	0.400	ng	0.00
7) Naphthalene-d8	10.896	136	10608	0.400	ng	0.00
13) Acenaphthene-d10	14.694	164	7006	0.400	ng	0.00
19) Phenanthrene-d10	17.443	188	15754	0.400	ng	0.00
29) Chrysene-d12	21.623	240	12926	0.400	ng	0.00
35) Perylene-d12	24.154	264	12077	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.589	112	2496	0.236	ng	0.00
5) Phenol-d6	7.207	99	1752	0.136	ng	0.00
8) Nitrobenzene-d5	9.262	82	3933	0.509	ng	0.00
11) 2-Methylnaphthalene-d10	12.468	152	7763	0.498	ng	0.00
14) 2,4,6-Tribromophenol	16.189	330	1226	0.473	ng	0.00
15) 2-Fluorobiphenyl	13.326	172	11955	0.449	ng	0.00
27) Fluoranthene-d10	19.467	212	21313	0.544	ng	0.00
31) Terphenyl-d14	20.053	244	15509	0.597	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.466	88	918	0.185	ng	# 80
34) Bis(2-ethylhexyl)phtha...	21.480	149	2527	0.118	ng	98

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

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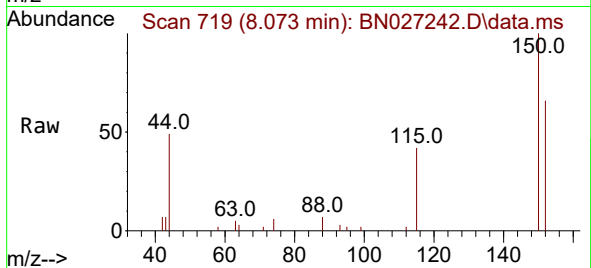
Quant Time: Aug 30 00:04:51 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
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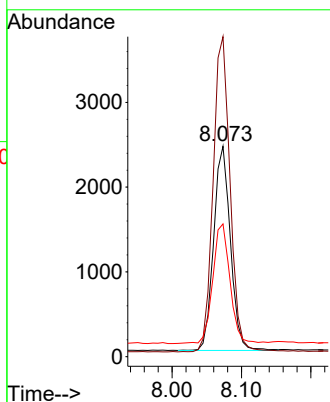
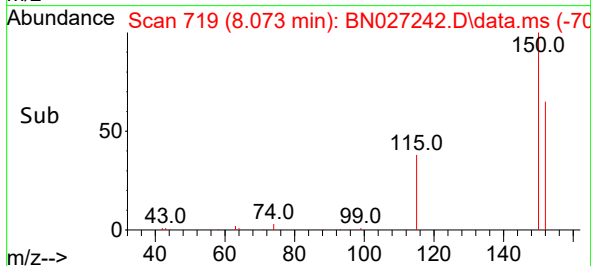


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.073 min Scan# 719
 Delta R.T. 0.000 min
 Lab File: BN027242.D
 Acq: 29 Aug 2023 15:30

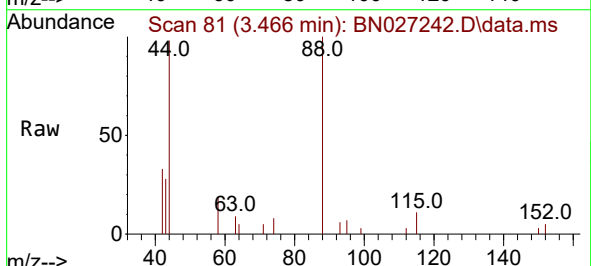
Instrument :
 BNA_N
 ClientSampleId :
 MW201D1-20230819



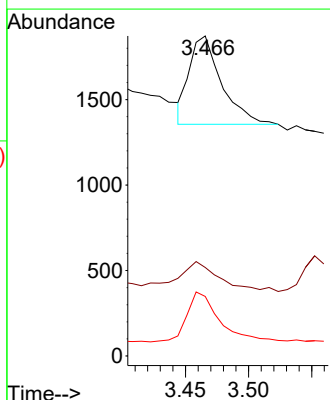
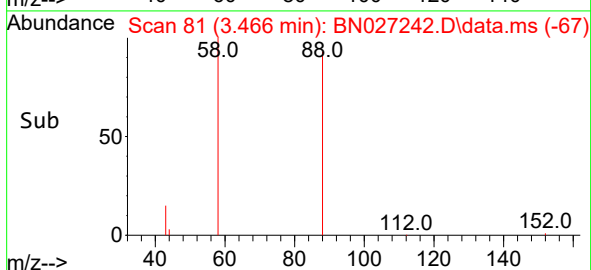
Tgt Ion:152 Resp: 4059
 Ion Ratio Lower Upper
 152 100
 150 152.0 122.7 184.1
 115 63.1 48.6 73.0



#2
 1,4-Dioxane
 Concen: 0.185 ng
 RT: 3.466 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BN027242.D
 Acq: 29 Aug 2023 15:30



Tgt Ion: 88 Resp: 918
 Ion Ratio Lower Upper
 88 100
 43 45.8 19.1 28.7#
 58 56.6 52.2 78.2





#4

2-Fluorophenol

Concen: 0.236 ng

RT: 5.589 min Scan# 31

Delta R.T. 0.000 min

Lab File: BN027242.D

Acq: 29 Aug 2023 15:30

Instrument :

BNA_N

ClientSampleId :

MW201D1-20230819

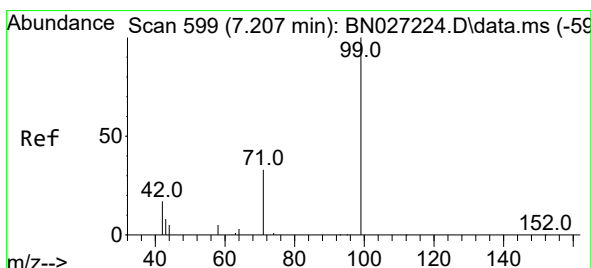
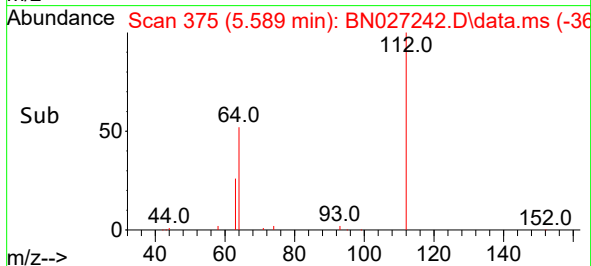
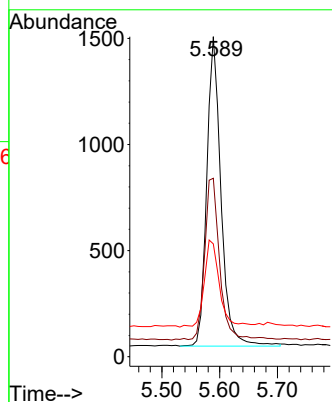
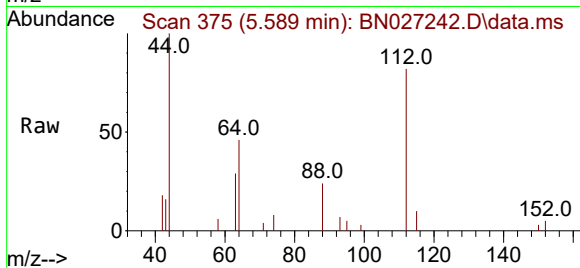
Tgt Ion:112 Resp: 2496

Ion Ratio Lower Upper

112 100

64 54.9 44.4 66.6

63 30.0 23.1 34.7



#5

Phenol-d6

Concen: 0.136 ng

RT: 7.207 min Scan# 599

Delta R.T. 0.000 min

Lab File: BN027242.D

Acq: 29 Aug 2023 15:30

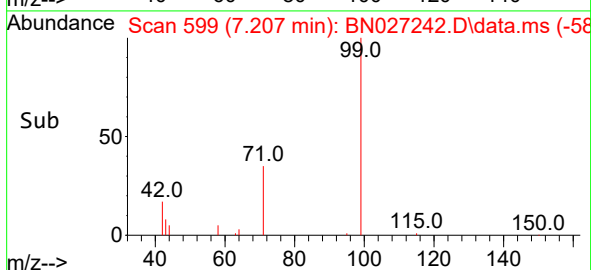
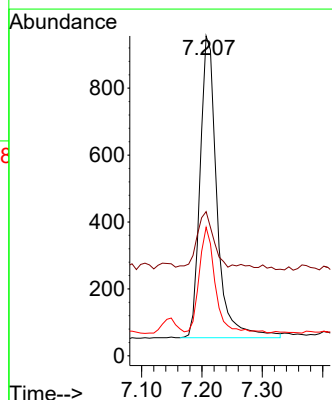
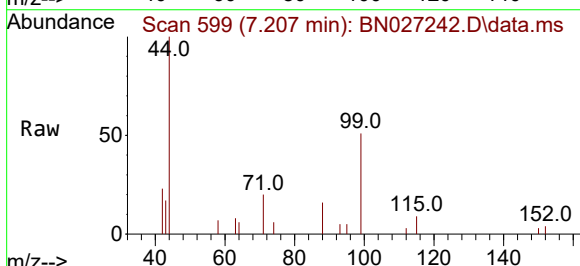
Tgt Ion: 99 Resp: 1752

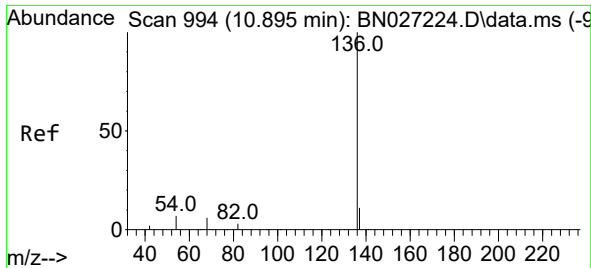
Ion Ratio Lower Upper

99 100

42 17.1 14.5 21.7

71 32.7 25.8 38.6

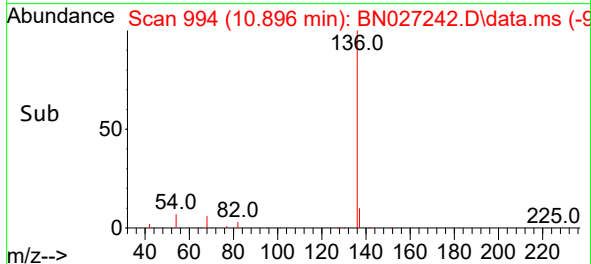
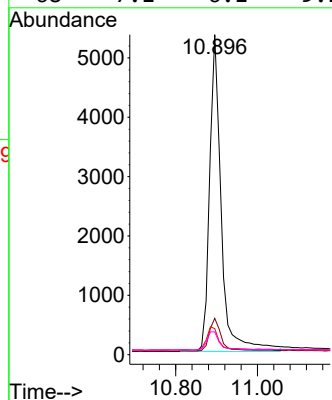
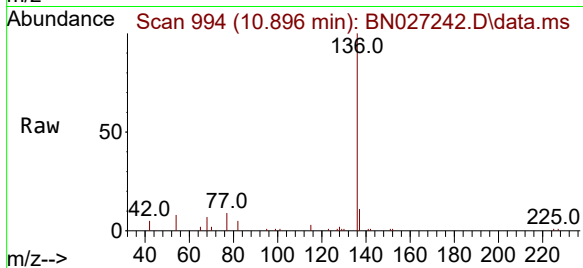




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.896 min Scan# 994
Delta R.T. 0.000 min
Lab File: BN027242.D
Acq: 29 Aug 2023 15:30

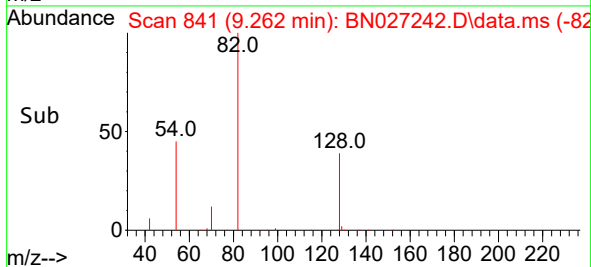
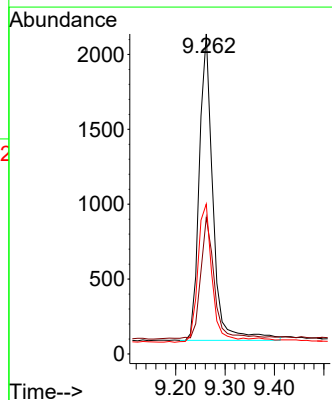
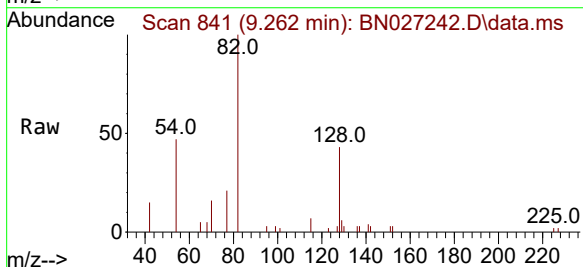
Instrument :
BNA_N
ClientSampleId :
MW201D1-20230819

Tgt Ion:	136	Resp:	10608
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.3	13.9
54	8.2	6.7	10.1
68	7.1	6.1	9.1



#8
Nitrobenzene-d5
Concen: 0.509 ng
RT: 9.262 min Scan# 841
Delta R.T. 0.000 min
Lab File: BN027242.D
Acq: 29 Aug 2023 15:30

Tgt Ion:	82	Resp:	3933
Ion	Ratio	Lower	Upper
82	100		
128	42.6	33.4	50.0
54	46.8	37.7	56.5

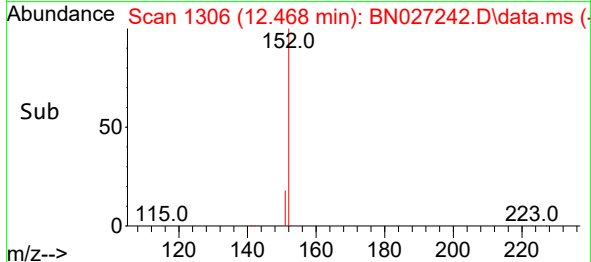
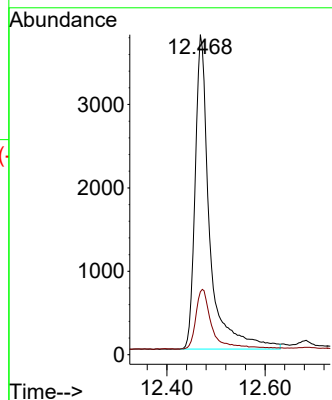
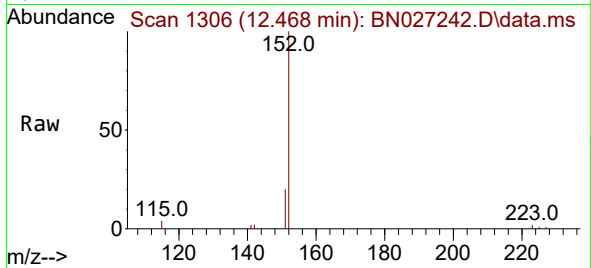




#11
2-Methylnaphthalene-d10
Concen: 0.498 ng
RT: 12.468 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN027242.D
Acq: 29 Aug 2023 15:30

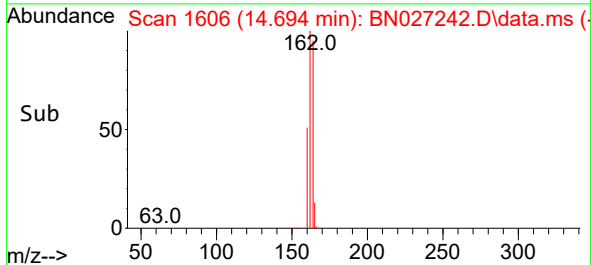
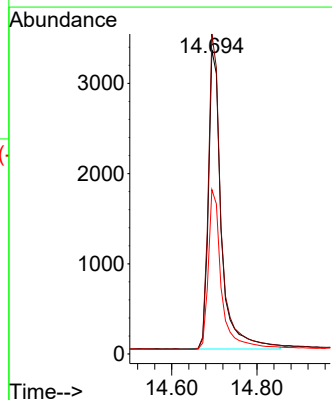
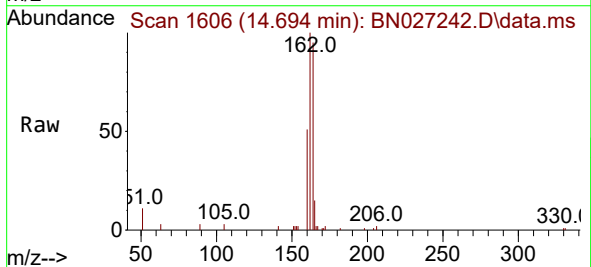
Instrument :
BNA_N
ClientSampleId :
MW201D1-20230819

Tgt Ion:152 Resp: 7763
Ion Ratio Lower Upper
152 100
151 21.6 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.694 min Scan# 1606
Delta R.T. 0.000 min
Lab File: BN027242.D
Acq: 29 Aug 2023 15:30

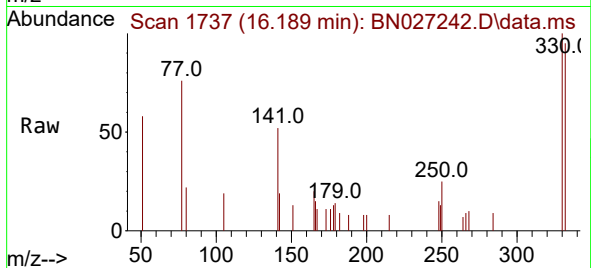
Tgt Ion:164 Resp: 7006
Ion Ratio Lower Upper
164 100
162 105.3 85.8 128.8
160 54.1 44.2 66.2



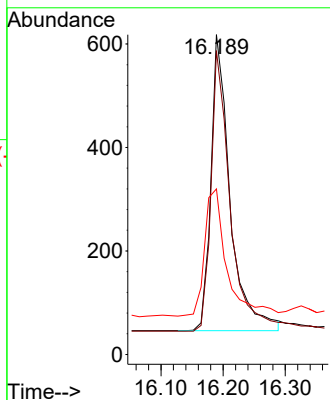
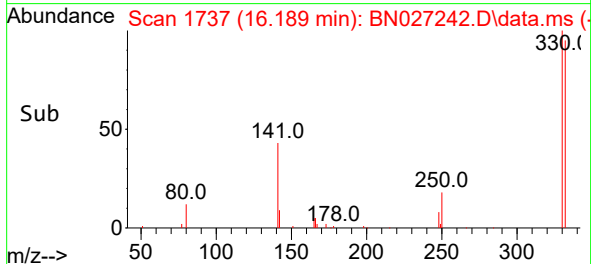


#14
2,4,6-Tribromophenol
Concen: 0.473 ng
RT: 16.189 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN027242.D
Acq: 29 Aug 2023 15:30

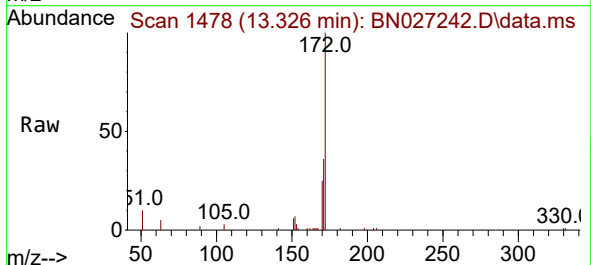
Instrument :
BNA_N
ClientSampleId :
MW201D1-20230819



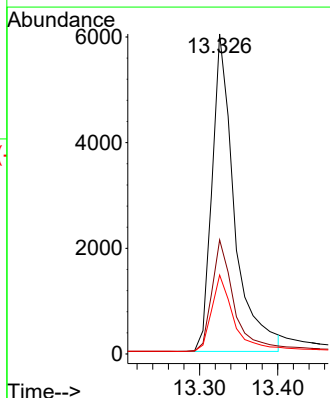
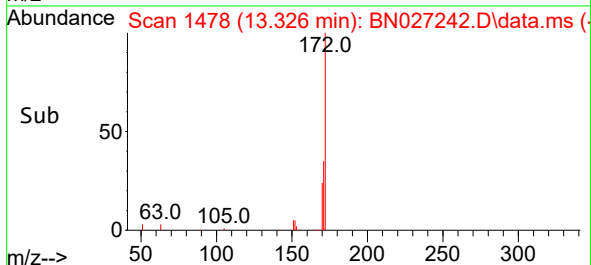
Tgt Ion:330 Resp: 1226
Ion Ratio Lower Upper
330 100
332 94.9 75.2 112.8
141 49.6 36.2 54.4

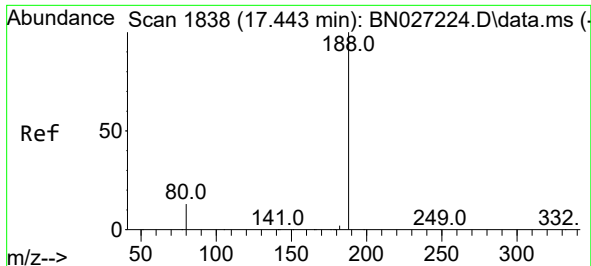


#15
2-Fluorobiphenyl
Concen: 0.449 ng
RT: 13.326 min Scan# 1478
Delta R.T. 0.000 min
Lab File: BN027242.D
Acq: 29 Aug 2023 15:30



Tgt Ion:172 Resp: 11955
Ion Ratio Lower Upper
172 100
171 35.7 27.8 41.8
170 24.7 19.3 28.9

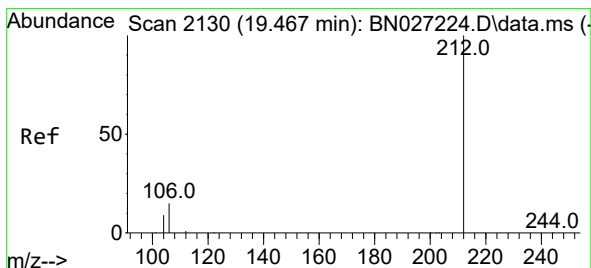
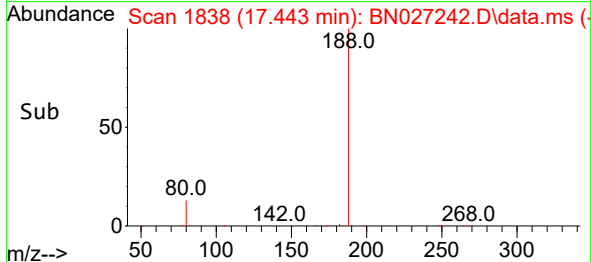
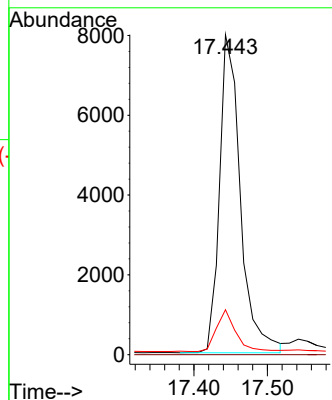
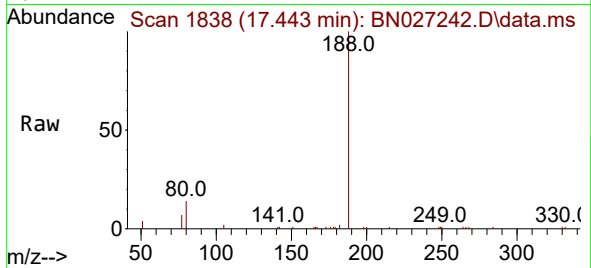




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.443 min Scan# 1838
Delta R.T. 0.000 min
Lab File: BN027242.D
Acq: 29 Aug 2023 15:30

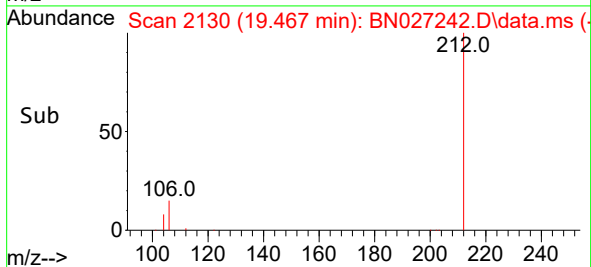
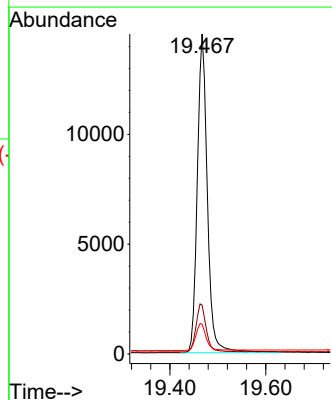
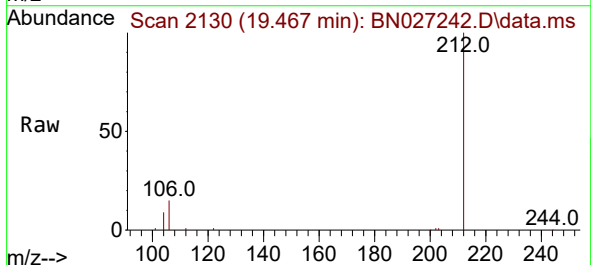
Instrument :
BNA_N
ClientSampleId :
MW201D1-20230819

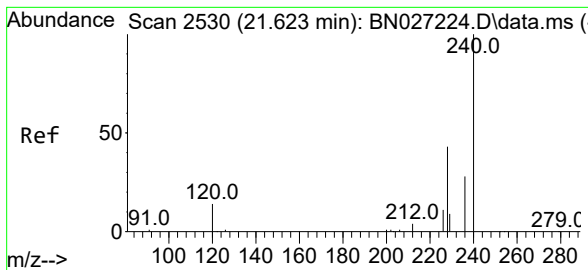
Tgt Ion:188 Resp: 15754
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.0 11.0 16.6



#27
Fluoranthene-d10
Concen: 0.544 ng
RT: 19.467 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BN027242.D
Acq: 29 Aug 2023 15:30

Tgt Ion:212 Resp: 21313
Ion Ratio Lower Upper
212 100
106 15.2 12.1 18.1
104 8.8 6.9 10.3





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.623 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN027242.D

Acq: 29 Aug 2023 15:30

Instrument :

BNA_N

ClientSampleId :

MW201D1-20230819

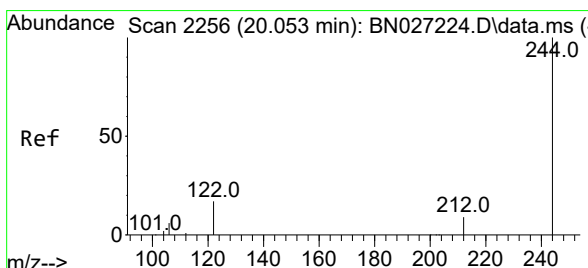
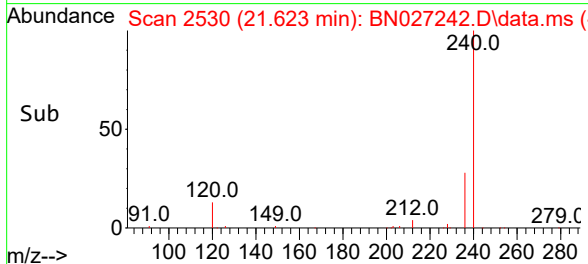
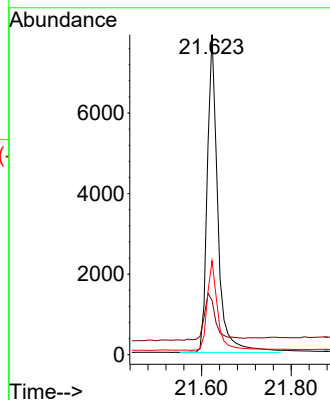
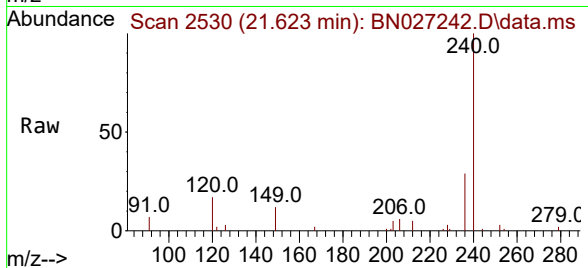
Tgt Ion:240 Resp: 12926

Ion Ratio Lower Upper

240 100

120 17.0 14.2 21.4

236 29.4 22.9 34.3



#31

Terphenyl-d14

Concen: 0.597 ng

RT: 20.053 min Scan# 2256

Delta R.T. 0.000 min

Lab File: BN027242.D

Acq: 29 Aug 2023 15:30

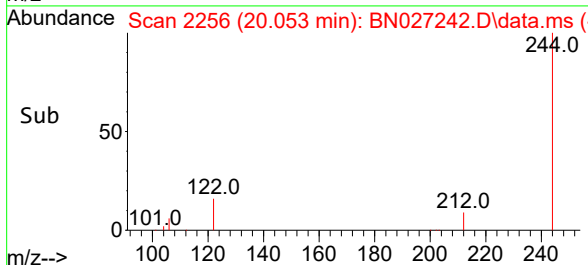
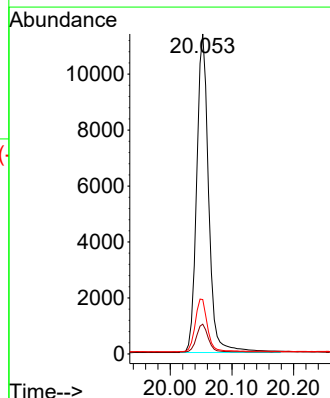
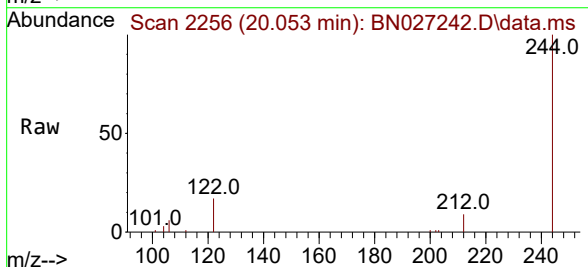
Tgt Ion:244 Resp: 15509

Ion Ratio Lower Upper

244 100

212 9.3 7.5 11.3

122 17.0 14.0 21.0

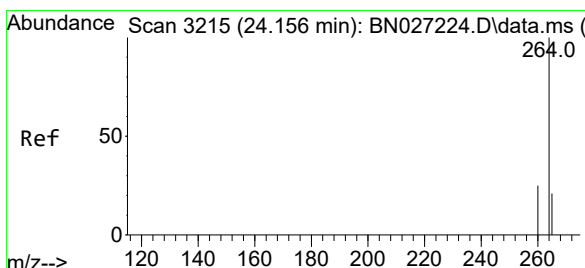
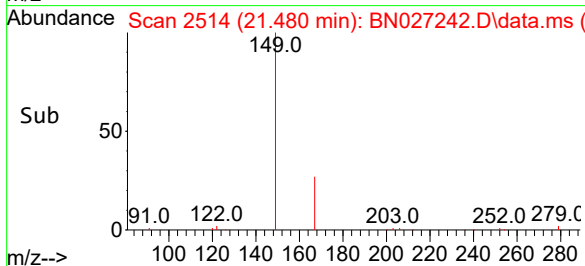
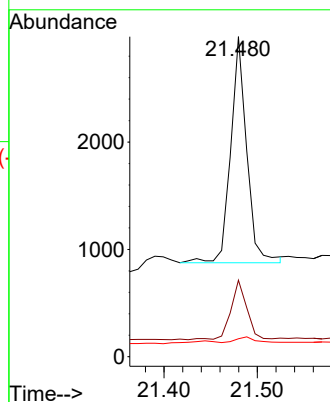
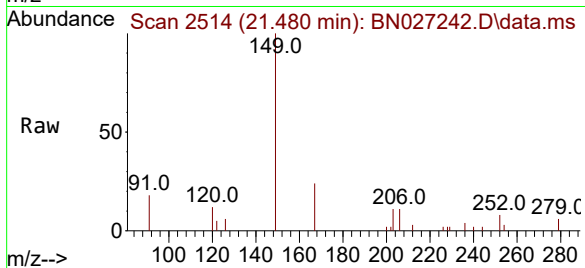




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.118 ng
RT: 21.480 min Scan# 2149
Delta R.T. 0.000 min
Lab File: BN027242.D
Acq: 29 Aug 2023 15:30

Instrument :
BNA_N
ClientSampleId :
MW201D1-20230819

Tgt Ion:149 Resp: 2527
Ion Ratio Lower Upper
149 100
167 26.4 22.1 33.1
279 3.4 2.7 4.1



#35
Perylene-d12
Concen: 0.400 ng
RT: 24.154 min Scan# 3214
Delta R.T. -0.003 min
Lab File: BN027242.D
Acq: 29 Aug 2023 15:30

Tgt Ion:264 Resp: 12077
Ion Ratio Lower Upper
264 100
260 26.3 20.7 31.1
265 75.6 53.3 79.9

