

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082923\
 Data File : BN027241.D
 Acq On : 29 Aug 2023 14:53
 Operator : MA/JU
 Sample : 04126-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW201D-20230819

Quant Time: Aug 30 00:04:40 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)

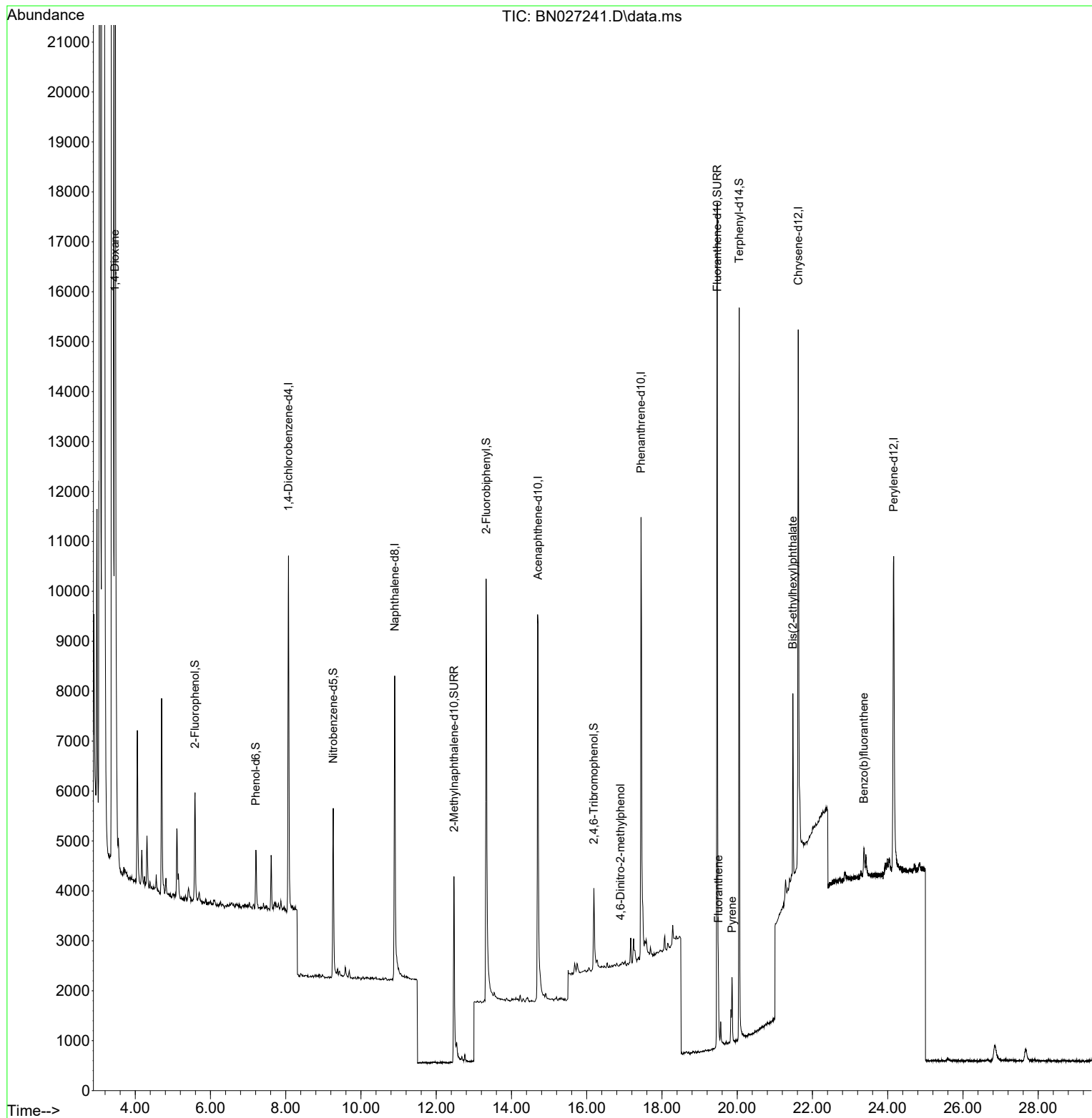
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.073	152	3583	0.400	ng	0.00
7) Naphthalene-d8	10.895	136	9836	0.400	ng	0.00
13) Acenaphthene-d10	14.705	164	6198	0.400	ng	0.01
19) Phenanthrene-d10	17.443	188	14213	0.400	ng	0.00
29) Chrysene-d12	21.623	240	11846	0.400	ng	0.00
35) Perylene-d12	24.156	264	11148	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.589	112	1948	0.209	ng	0.00
5) Phenol-d6	7.207	99	1310	0.115	ng	0.00
8) Nitrobenzene-d5	9.262	82	3131	0.437	ng	0.00
11) 2-Methylnaphthalene-d10	12.472	152	6646	0.460	ng	0.00
14) 2,4,6-Tribromophenol	16.189	330	1133	0.494	ng	0.00
15) 2-Fluorobiphenyl	13.326	172	10139	0.430	ng	0.00
27) Fluoranthene-d10	19.467	212	19725	0.558	ng	0.00
31) Terphenyl-d14	20.053	244	14539	0.611	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.458	88	38896	8.892	ng	96
20) 4,6-Dinitro-2-methylph...	16.897	198	6	0.030	ng	# 26
28) Fluoranthene	19.500	202	1082	0.022	ng	97
30) Pyrene	19.862	202	1178	0.025	ng	98
34) Bis(2-ethylhexyl)phtha...	21.480	149	3376	0.172	ng	97
37) Benzo(b)fluoranthene	23.367	252	895	0.021	ng	# 1

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082923\
Data File : BN027241.D
Acq On : 29 Aug 2023 14:53
Operator : MA/JU
Sample : 04126-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW201D-20230819

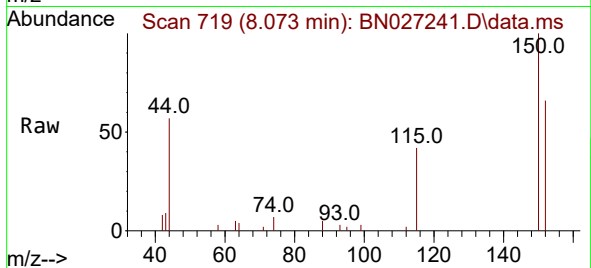
Quant Time: Aug 30 00:04:40 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 29 05:37:30 2023
Response via : Initial Calibration



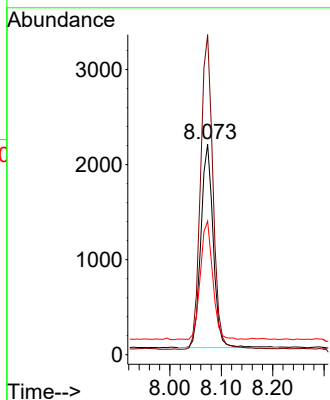
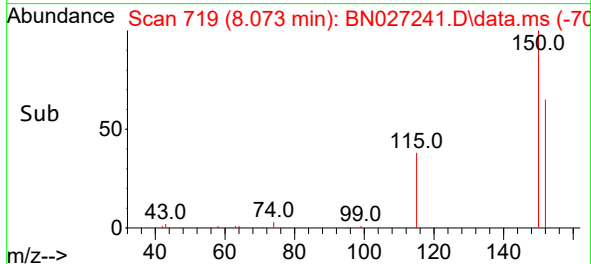


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.073 min Scan# 719
Delta R.T. 0.000 min
Lab File: BN027241.D
Acq: 29 Aug 2023 14:53

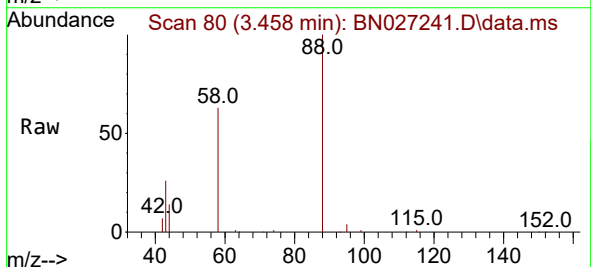
Instrument :
BNA_N
ClientSampleId :
MW201D-20230819



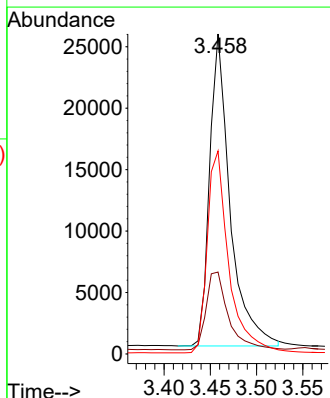
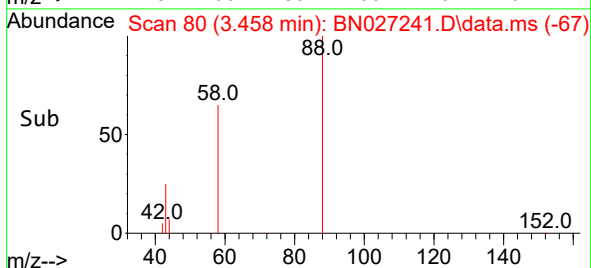
Tgt Ion:152 Resp: 3583
Ion Ratio Lower Upper
152 100
150 152.0 122.7 184.1
115 63.4 48.6 73.0

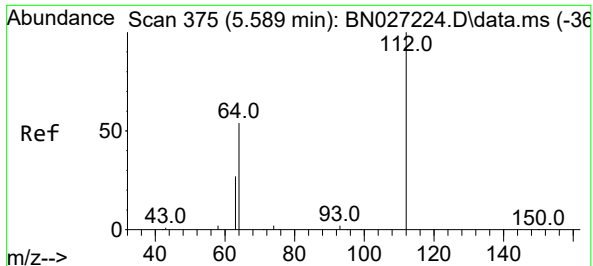


#2
1,4-Dioxane
Concen: 8.892 ng
RT: 3.458 min Scan# 80
Delta R.T. -0.007 min
Lab File: BN027241.D
Acq: 29 Aug 2023 14:53



Tgt Ion: 88 Resp: 38896
Ion Ratio Lower Upper
88 100
43 27.2 19.1 28.7
58 68.0 52.2 78.2

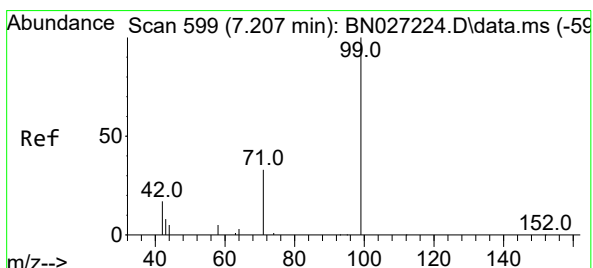
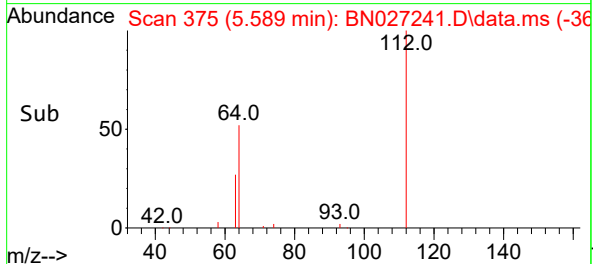
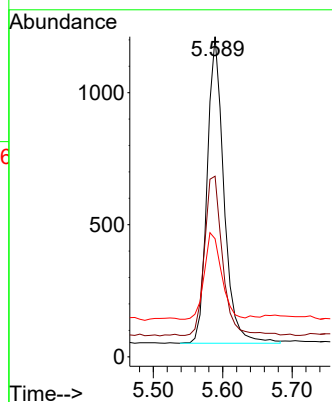
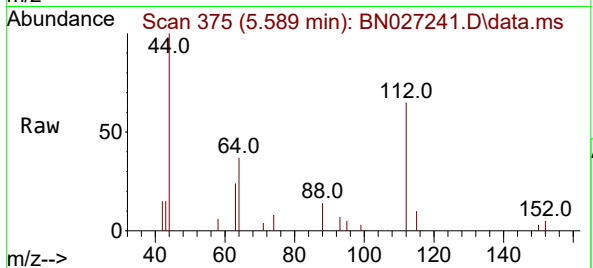




#4
2-Fluorophenol
Concen: 0.209 ng
RT: 5.589 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN027241.D
Acq: 29 Aug 2023 14:53

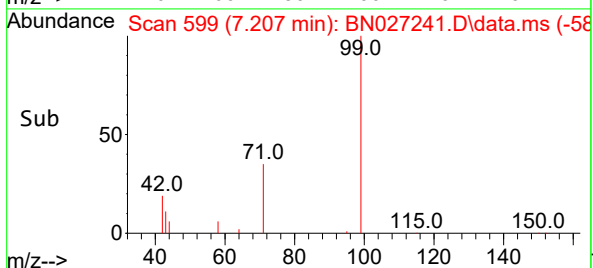
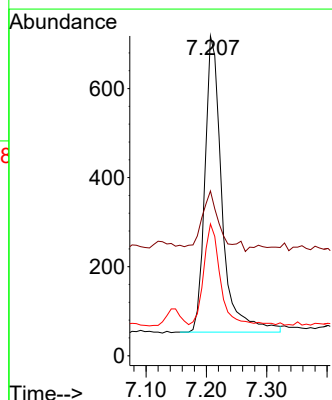
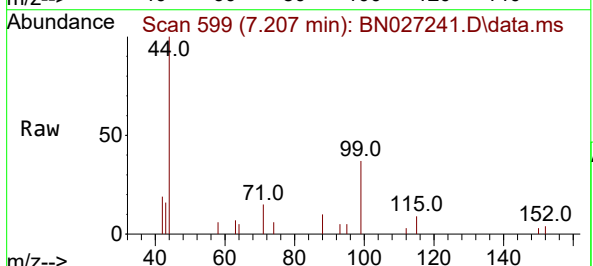
Instrument :
BNA_N
ClientSampleId :
MW201D-20230819

Tgt Ion:112 Resp: 1948
Ion Ratio Lower Upper
112 100
64 56.0 44.4 66.6
63 29.0 23.1 34.7



#5
Phenol-d6
Concen: 0.115 ng
RT: 7.207 min Scan# 599
Delta R.T. 0.000 min
Lab File: BN027241.D
Acq: 29 Aug 2023 14:53

Tgt Ion: 99 Resp: 1310
Ion Ratio Lower Upper
99 100
42 21.5 14.5 21.7
71 33.6 25.8 38.6

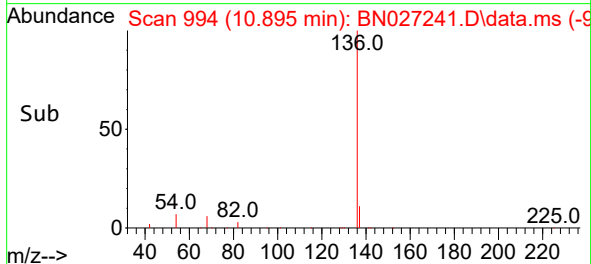
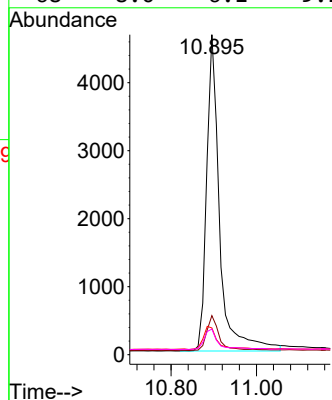
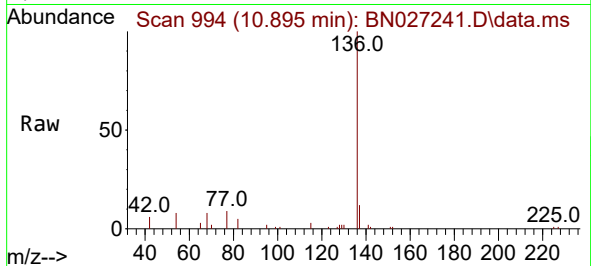




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.895 min Scan# 994
Delta R.T. 0.000 min
Lab File: BN027241.D
Acq: 29 Aug 2023 14:53

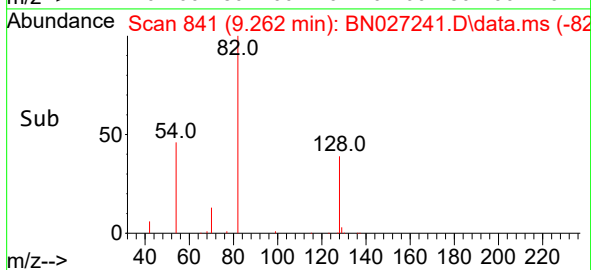
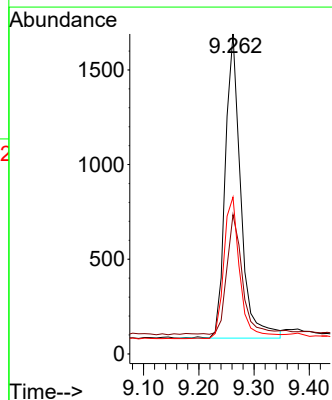
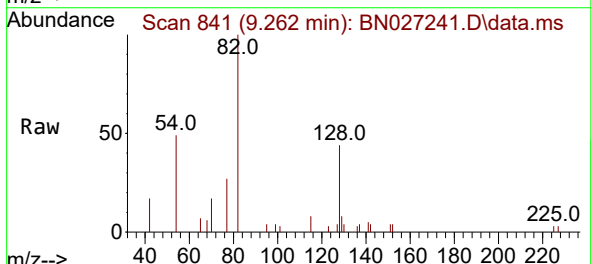
Instrument :
BNA_N
ClientSampleId :
MW201D-20230819

Tgt Ion:	136	Resp:	9836
Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.3	13.9
54	8.4	6.7	10.1
68	8.0	6.1	9.1



#8
Nitrobenzene-d5
Concen: 0.437 ng
RT: 9.262 min Scan# 841
Delta R.T. 0.000 min
Lab File: BN027241.D
Acq: 29 Aug 2023 14:53

Tgt Ion:	82	Resp:	3131
Ion	Ratio	Lower	Upper
82	100		
128	43.6	33.4	50.0
54	49.0	37.7	56.5

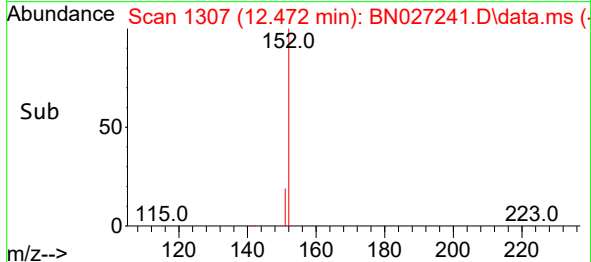
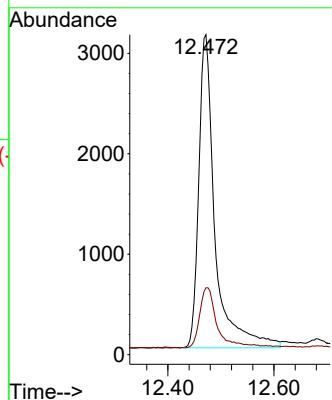
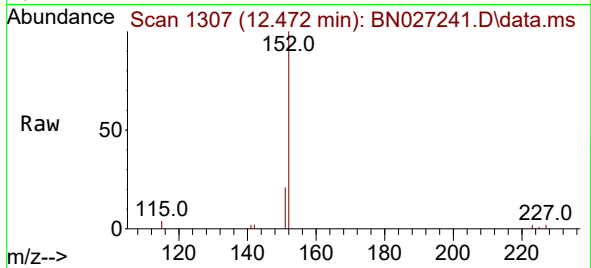




#11
2-Methylnaphthalene-d10
Concen: 0.460 ng
RT: 12.472 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN027241.D
Acq: 29 Aug 2023 14:53

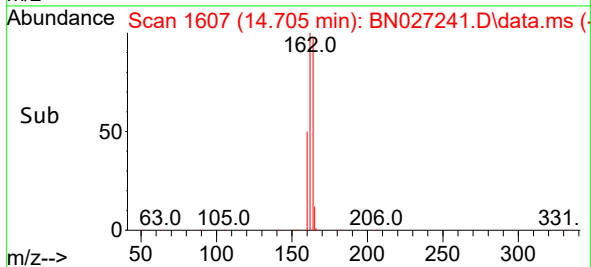
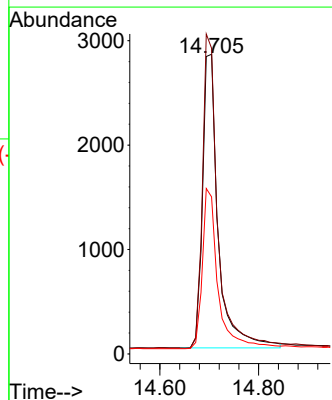
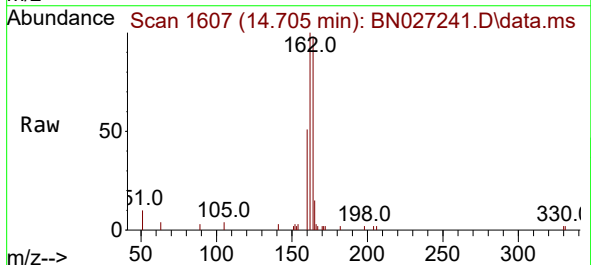
Instrument :
BNA_N
ClientSampleId :
MW201D-20230819

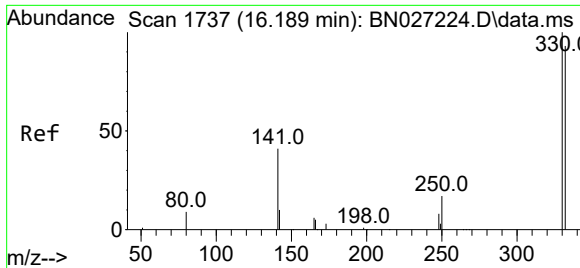
Tgt Ion:152 Resp: 6646
Ion Ratio Lower Upper
152 100
151 20.6 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.705 min Scan# 1607
Delta R.T. 0.011 min
Lab File: BN027241.D
Acq: 29 Aug 2023 14:53

Tgt Ion:164 Resp: 6198
Ion Ratio Lower Upper
164 100
162 102.0 85.8 128.8
160 52.4 44.2 66.2

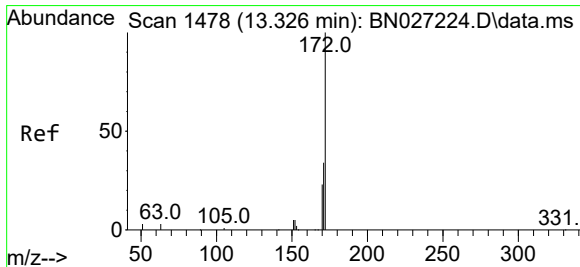
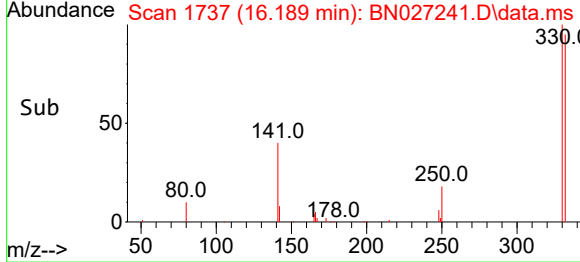
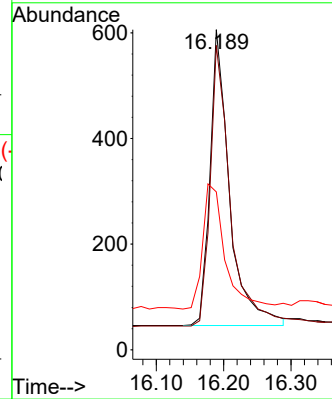
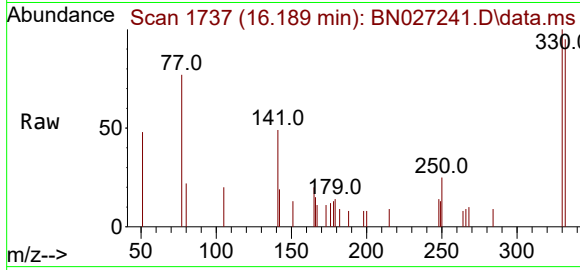




#14
2,4,6-Tribromophenol
Concen: 0.494 ng
RT: 16.189 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN027241.D
Acq: 29 Aug 2023 14:53

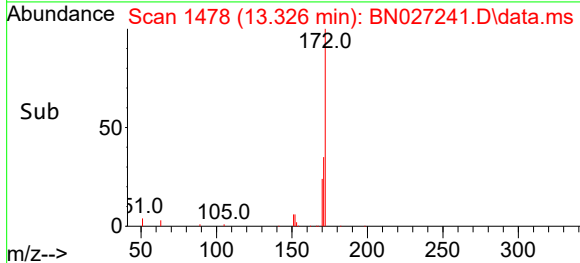
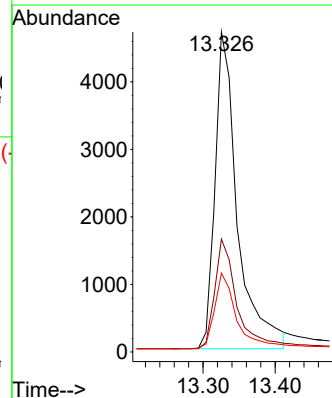
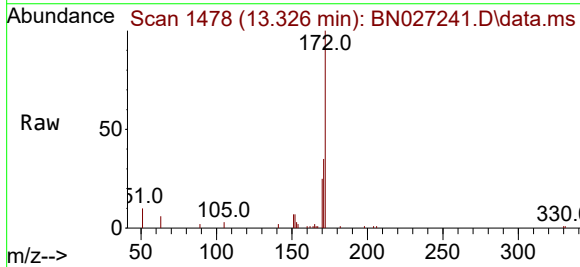
Instrument :
BNA_N
ClientSampleId :
MW201D-20230819

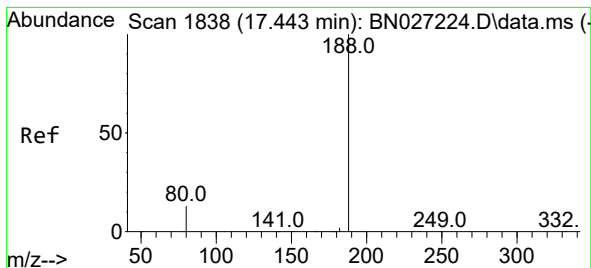
Tgt Ion:	330	Resp:	1133
Ion Ratio	Lower	Upper	
330	100		
332	98.2	75.2	112.8
141	48.5	36.2	54.4



#15
2-Fluorobiphenyl
Concen: 0.430 ng
RT: 13.326 min Scan# 1478
Delta R.T. 0.000 min
Lab File: BN027241.D
Acq: 29 Aug 2023 14:53

Tgt Ion:	172	Resp:	10139
Ion Ratio	Lower	Upper	
172	100		
171	35.3	27.8	41.8
170	24.6	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: BN027241.D

Acq: 29 Aug 2023 14:53

Instrument :

BNA_N

ClientSampleId :

MW201D-20230819

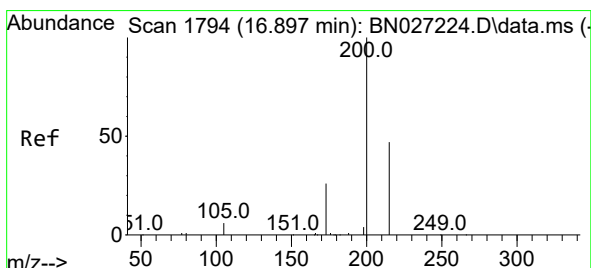
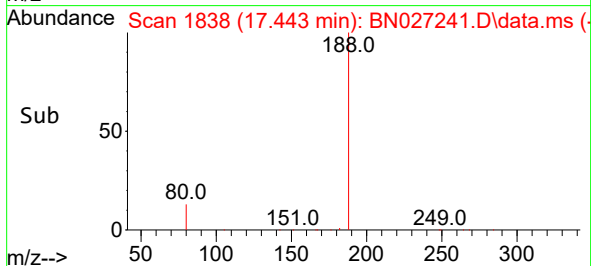
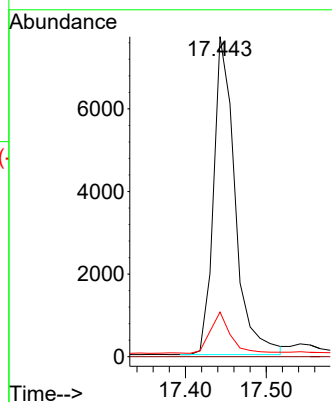
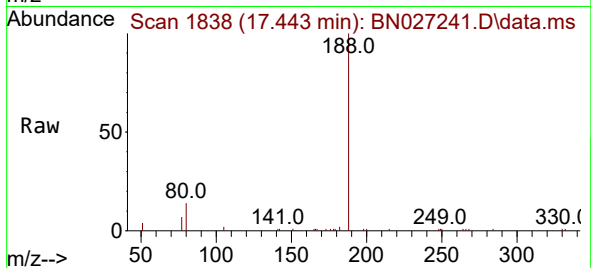
Tgt Ion:188 Resp: 14213

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.9 11.0 16.6



#20

4,6-Dinitro-2-methylphenol

Concen: 0.030 ng

RT: 16.897 min Scan# 1794

Delta R.T. 0.000 min

Lab File: BN027241.D

Acq: 29 Aug 2023 14:53

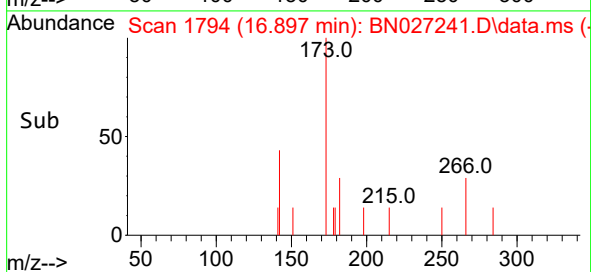
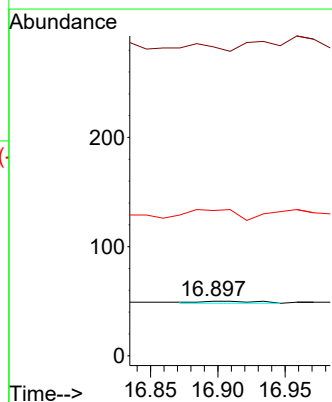
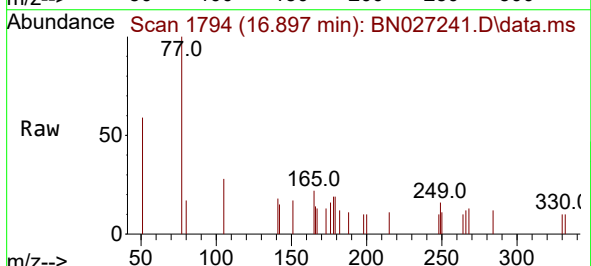
Tgt Ion:198 Resp: 6

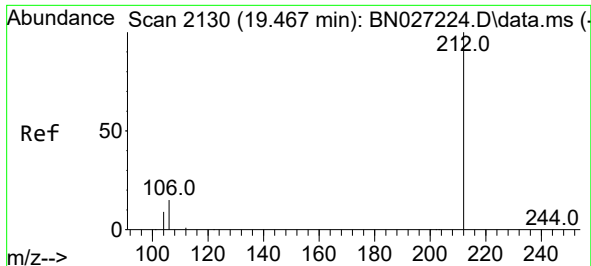
Ion Ratio Lower Upper

198 100

51 566.0 282.2 423.2#

105 266.0 168.7 253.1#

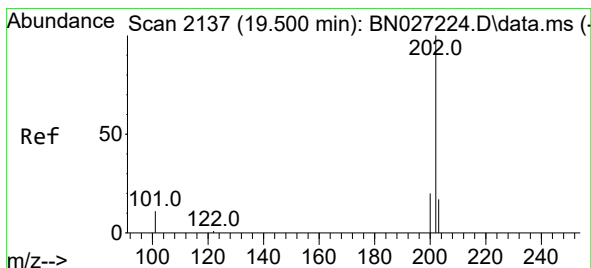
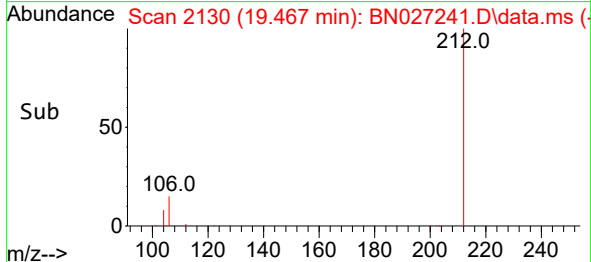
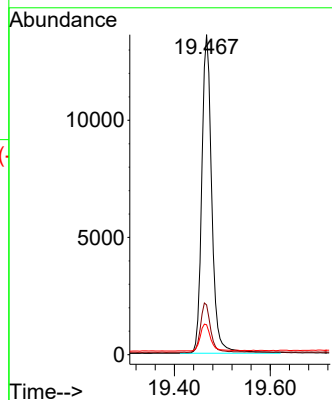
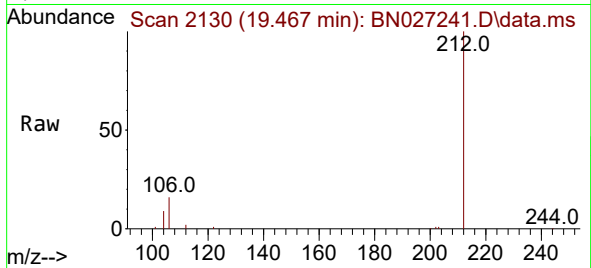




#27
Fluoranthene-d10
Concen: 0.558 ng
RT: 19.467 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BN027241.D
Acq: 29 Aug 2023 14:53

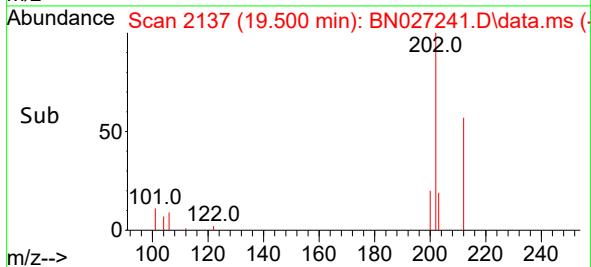
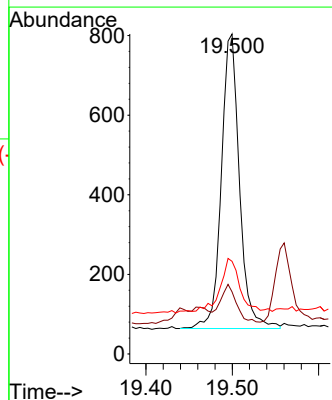
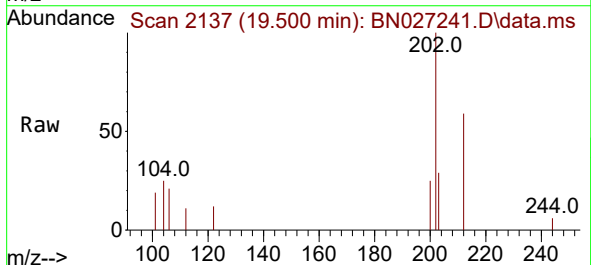
Instrument :
BNA_N
ClientSampleId :
MW201D-20230819

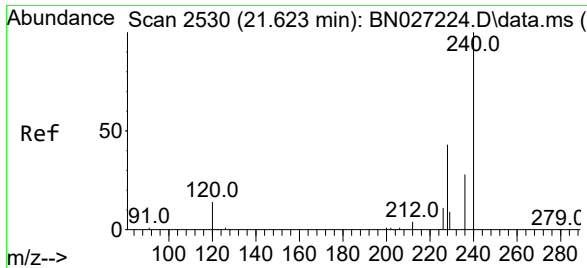
Tgt Ion:212 Resp: 19725
Ion Ratio Lower Upper
212 100
106 15.6 12.1 18.1
104 8.7 6.9 10.3



#28
Fluoranthene
Concen: 0.022 ng
RT: 19.500 min Scan# 2137
Delta R.T. 0.000 min
Lab File: BN027241.D
Acq: 29 Aug 2023 14:53

Tgt Ion:202 Resp: 1082
Ion Ratio Lower Upper
202 100
101 11.1 9.6 14.4
203 18.8 13.6 20.4

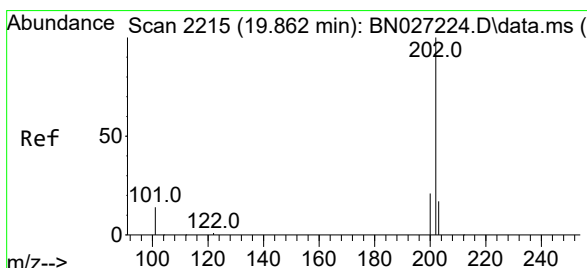
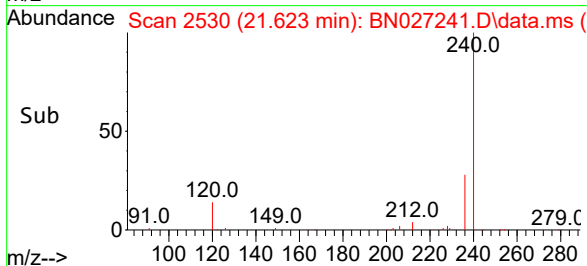
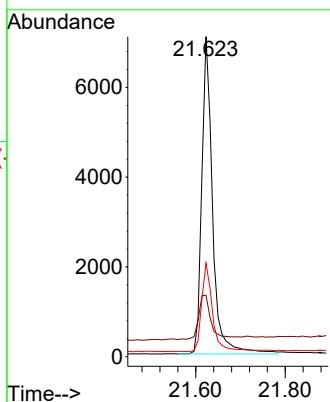
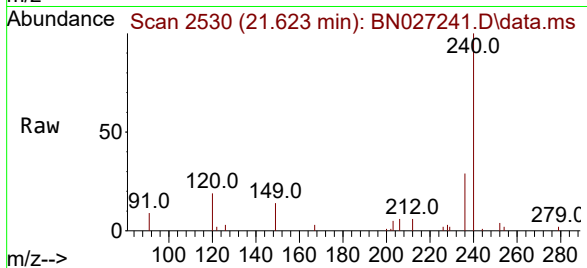




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.623 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN027241.D
Acq: 29 Aug 2023 14:53

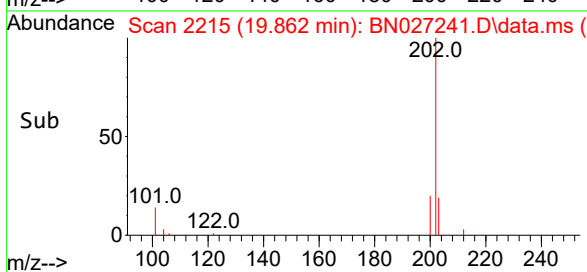
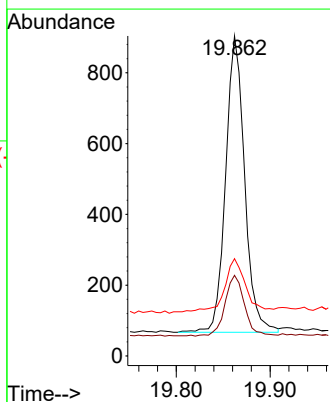
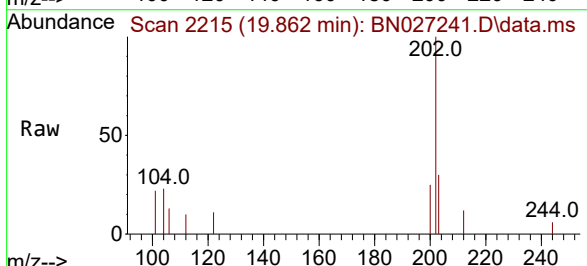
Instrument :
BNA_N
ClientSampleId :
MW201D-20230819

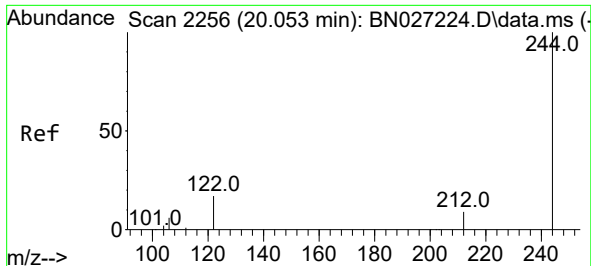
Tgt Ion:240 Resp: 11846
Ion Ratio Lower Upper
240 100
120 19.1 14.2 21.4
236 29.2 22.9 34.3



#30
Pyrene
Concen: 0.025 ng
RT: 19.862 min Scan# 2215
Delta R.T. 0.000 min
Lab File: BN027241.D
Acq: 29 Aug 2023 14:53

Tgt Ion:202 Resp: 1178
Ion Ratio Lower Upper
202 100
200 21.1 16.6 25.0
203 19.6 14.2 21.4

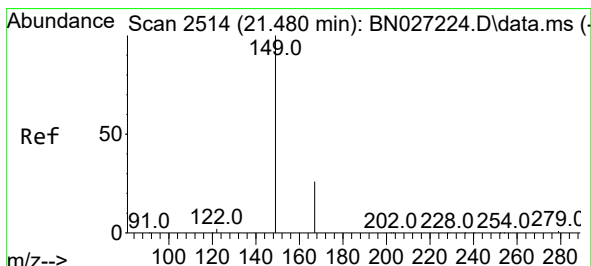
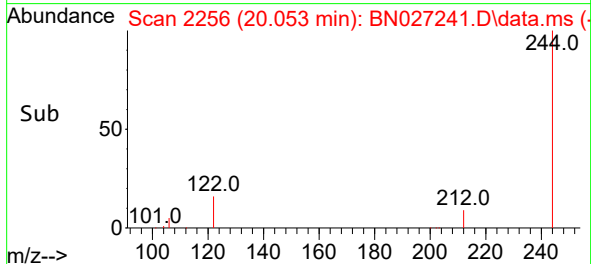
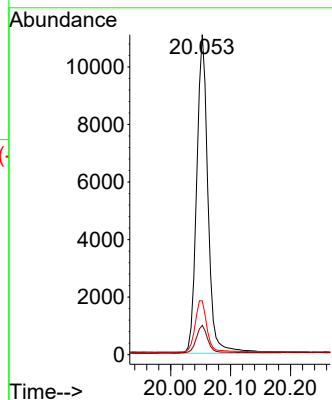
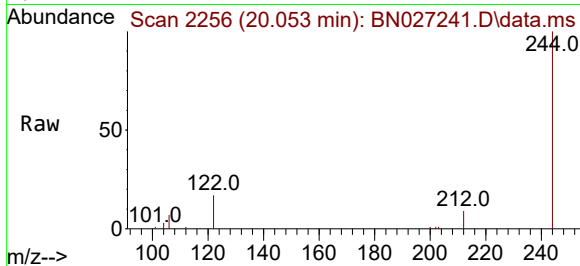




#31
 Terphenyl-d14
 Concen: 0.611 ng
 RT: 20.053 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN027241.D
 Acq: 29 Aug 2023 14:53

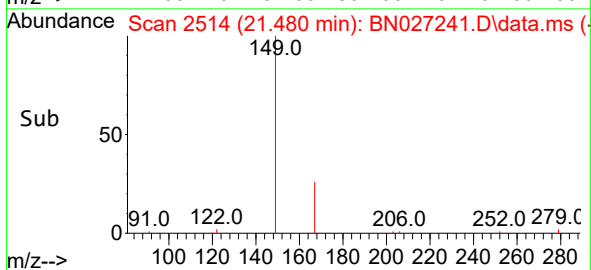
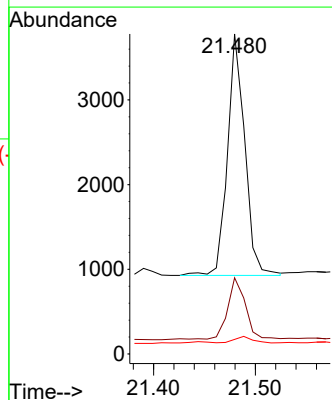
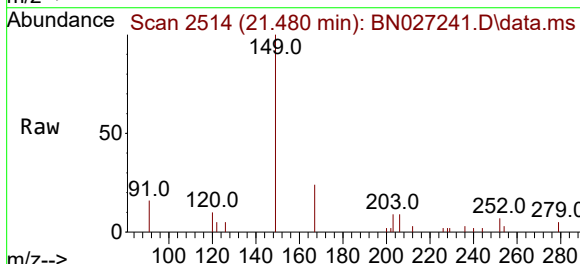
Instrument :
 BNA_N
 ClientSampleId :
 MW201D-20230819

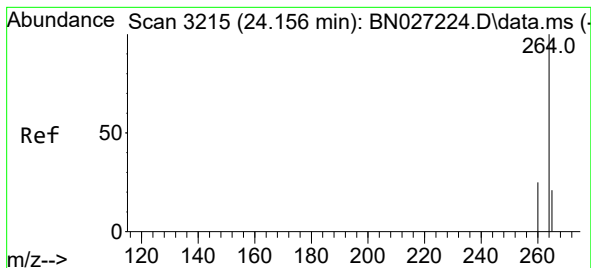
Tgt Ion:244 Resp: 14539
 Ion Ratio Lower Upper
 244 100
 212 9.2 7.5 11.3
 122 16.8 14.0 21.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.172 ng
 RT: 21.480 min Scan# 2514
 Delta R.T. 0.000 min
 Lab File: BN027241.D
 Acq: 29 Aug 2023 14:53

Tgt Ion:149 Resp: 3376
 Ion Ratio Lower Upper
 149 100
 167 25.8 22.1 33.1
 279 2.9 2.7 4.1





#35

Perylene-d12

Concen: 0.400 ng

RT: 24.156 min Scan# 3215

Delta R.T. 0.000 min

Lab File: BN027241.D

Acq: 29 Aug 2023 14:53

Instrument :

BNA_N

ClientSampleId :

MW201D-20230819

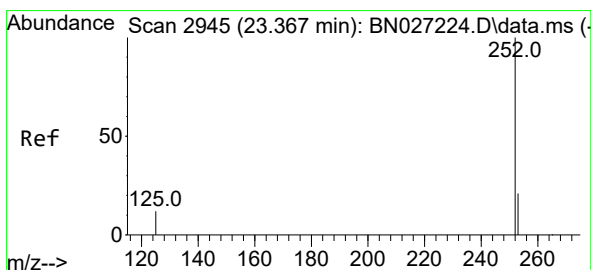
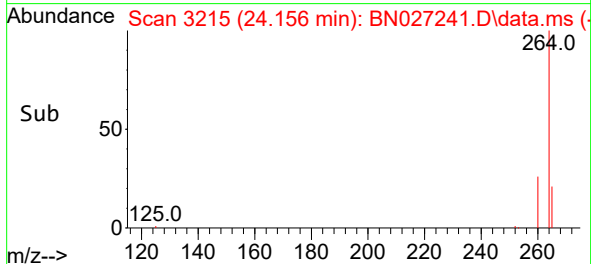
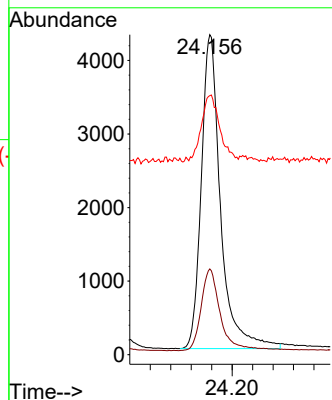
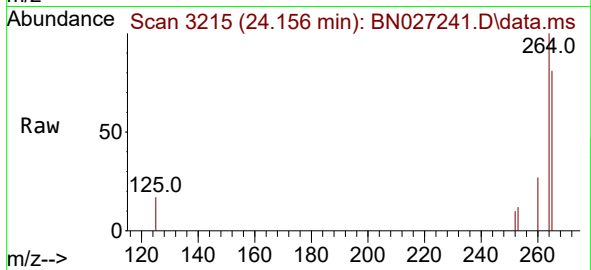
Tgt Ion:264 Resp: 11148

Ion Ratio Lower Upper

264 100

260 26.8 20.7 31.1

265 80.9 53.3 79.9#



#37

Benzo(b)fluoranthene

Concen: 0.021 ng

RT: 23.367 min Scan# 2945

Delta R.T. 0.000 min

Lab File: BN027241.D

Acq: 29 Aug 2023 14:53

Tgt Ion:252 Resp: 895

Ion Ratio Lower Upper

252 100

253 72.0 19.9 29.9#

125 94.0 13.8 20.6#

