

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052623\
 Data File : BN025707.D
 Acq On : 29 May 2023 07:43
 Operator : CG/JU
 Sample : 02912-01
 Misc :
 ALS Vial : 106 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GM38-RW3-MW1-20230523

Quant Time: May 29 08:22:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 29 00:47:45 2023
 Response via : Initial Calibration

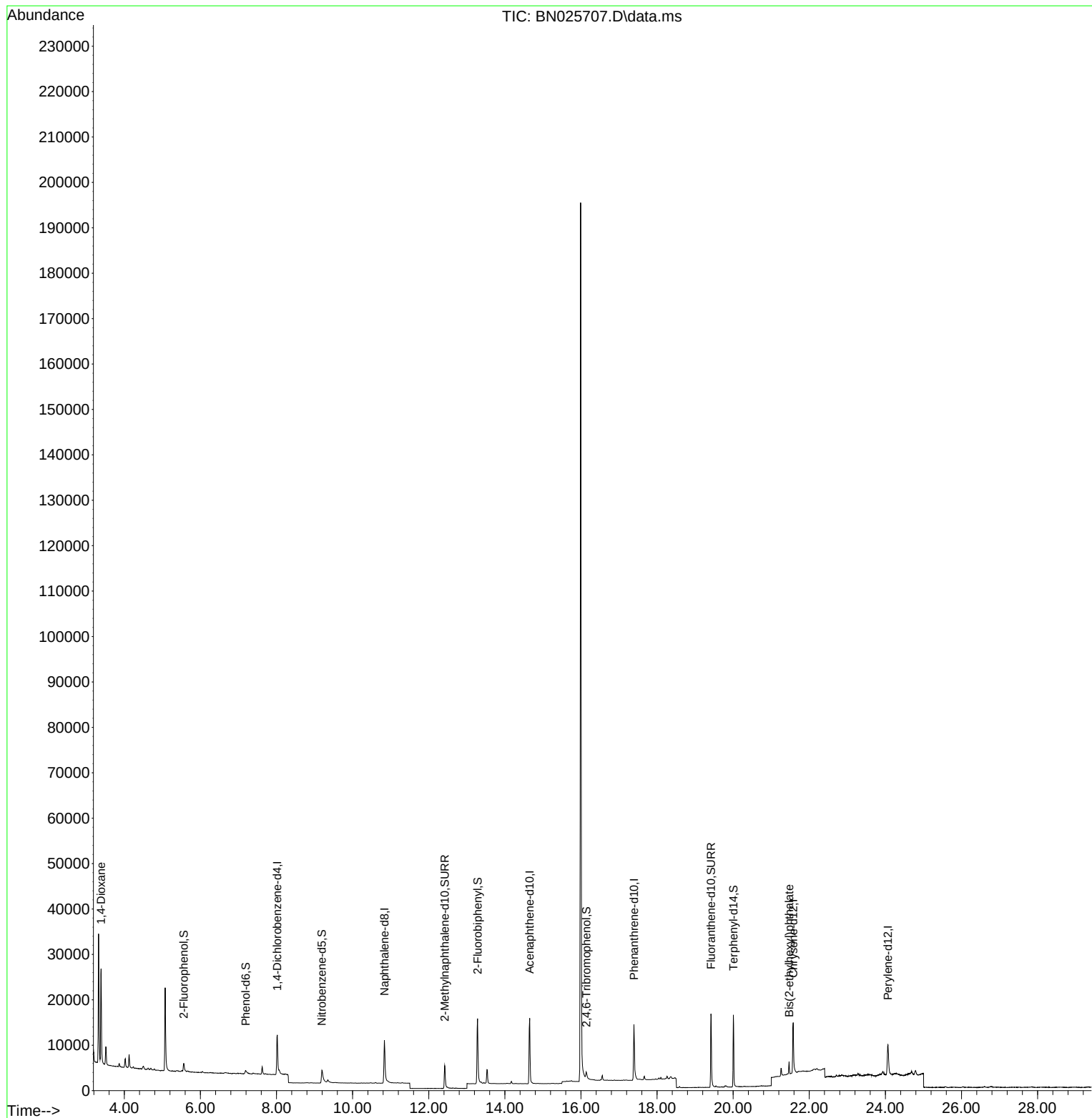
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.019	152	5598	0.400	ng	0.00
7) Naphthalene-d8	10.835	136	16109	0.400	ng	# 0.00
13) Acenaphthene-d10	14.651	164	9484	0.400	ng	0.00
19) Phenanthrene-d10	17.393	188	19861	0.400	ng	# 0.00
29) Chrysene-d12	21.578	240	13694	0.400	ng	# 0.00
35) Perylene-d12	24.066	264	12366	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.564	112	2236	0.156	ng	0.00
5) Phenol-d6	7.189	99	1326	0.077	ng	0.01
8) Nitrobenzene-d5	9.191	82	4504	0.334	ng	0.00
11) 2-Methylnaphthalene-d10	12.419	152	8849	0.385	ng	0.00
14) 2,4,6-Tribromophenol	16.139	330	973	0.508	ng	-0.01
15) 2-Fluorobiphenyl	13.283	172	15548	0.397	ng	0.00
27) Fluoranthene-d10	19.416	212	20583	0.457	ng	0.00
31) Terphenyl-d14	20.006	244	15487	0.517	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.390	88	14071	2.171	ng	99
34) Bis(2-ethylhexyl)phtha...	21.471	149	2554	0.082	ng	# 92

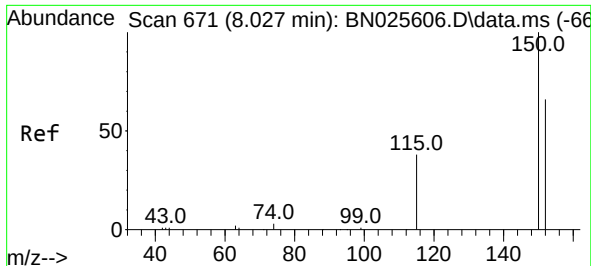
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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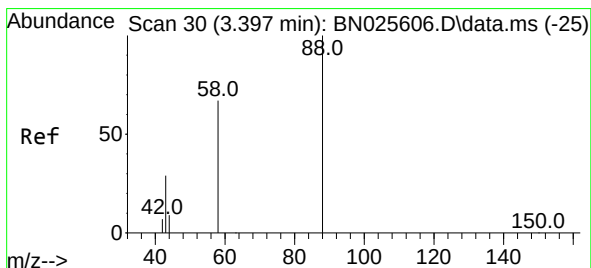
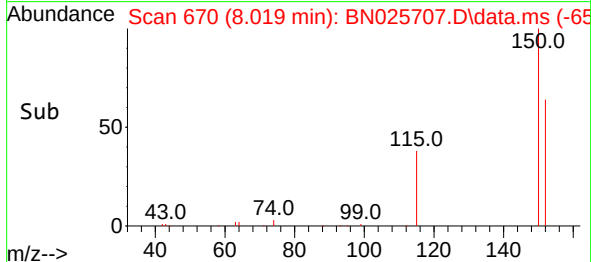
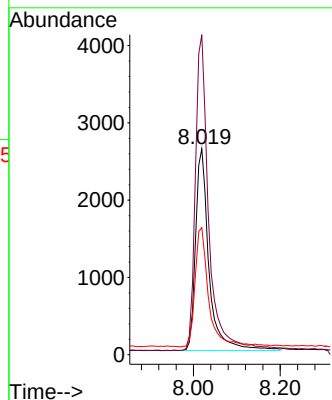
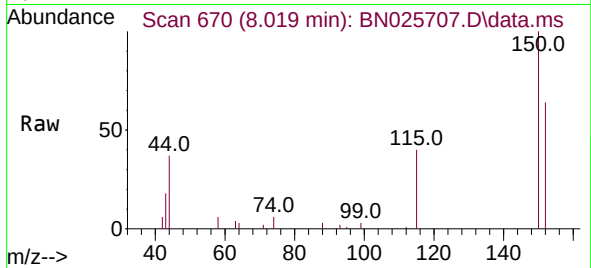




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.019 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN025707.D
Acq: 29 May 2023 07:43

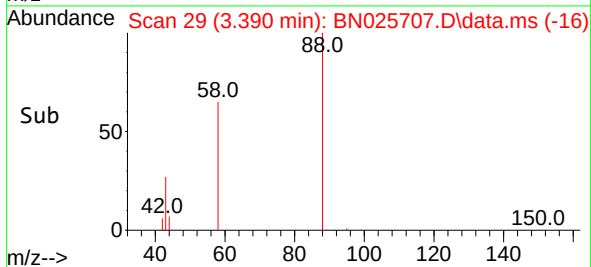
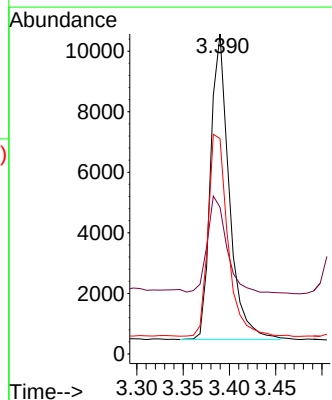
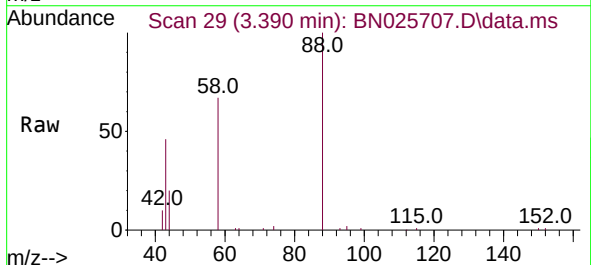
Instrument :
BNA_N
ClientSampleId :
GM38-RW3-MW1-20230523

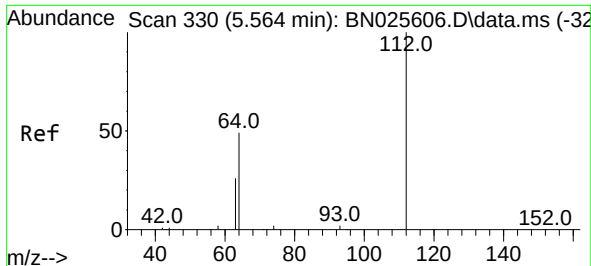
Tgt Ion:152 Resp: 5598
Ion Ratio Lower Upper
152 100
150 155.4 121.0 181.6
115 61.7 48.5 72.7



#2
1,4-Dioxane
Concen: 2.171 ng
RT: 3.390 min Scan# 29
Delta R.T. -0.007 min
Lab File: BN025707.D
Acq: 29 May 2023 07:43

Tgt Ion: 88 Resp: 14071
Ion Ratio Lower Upper
88 100
43 32.8 26.5 39.7
58 70.3 56.8 85.2

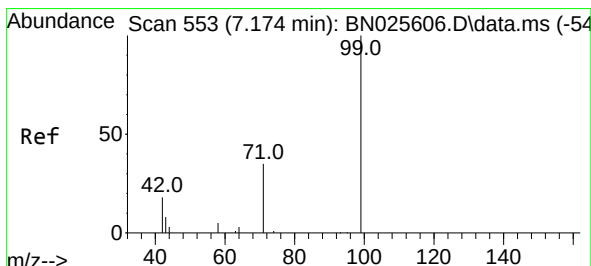
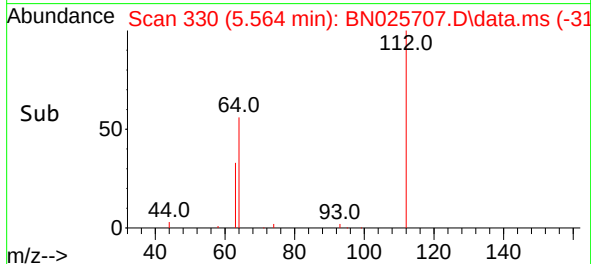
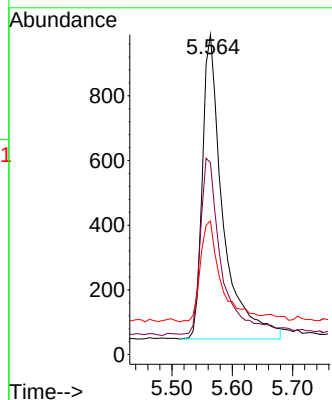
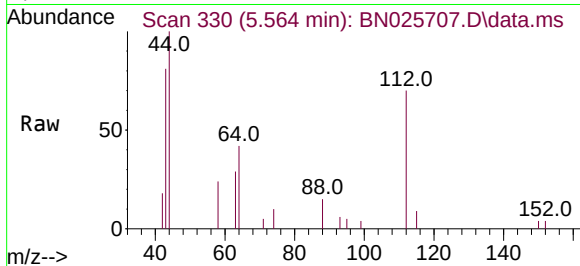




#4
2-Fluorophenol
Concen: 0.156 ng
RT: 5.564 min Scan# 311
Delta R.T. 0.007 min
Lab File: BN025707.D
Acq: 29 May 2023 07:43

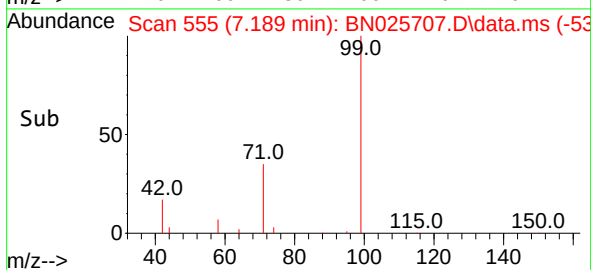
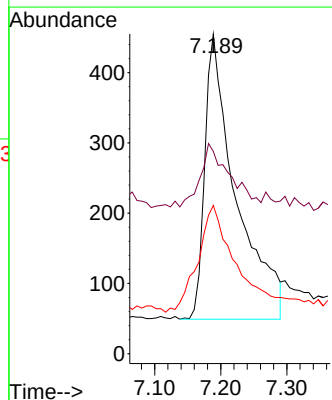
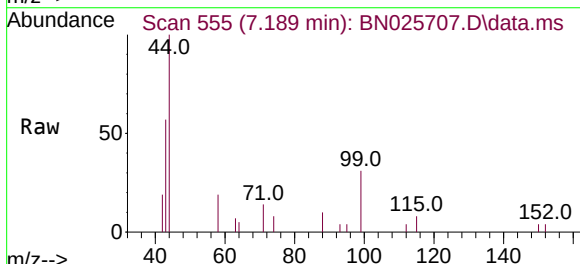
Instrument :
BNA_N
ClientSampleId :
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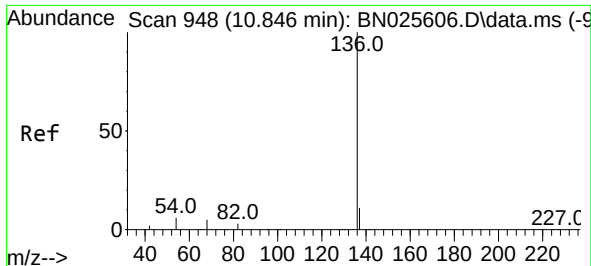
Tgt Ion:112 Resp: 2236
Ion Ratio Lower Upper
112 100
64 58.7 45.7 68.5
63 33.7 26.2 39.2



#5
Phenol-d6
Concen: 0.077 ng
RT: 7.189 min Scan# 555
Delta R.T. 0.014 min
Lab File: BN025707.D
Acq: 29 May 2023 07:43

Tgt Ion: 99 Resp: 1326
Ion Ratio Lower Upper
99 100
42 20.3 17.1 25.7
71 46.6 29.3 43.9#

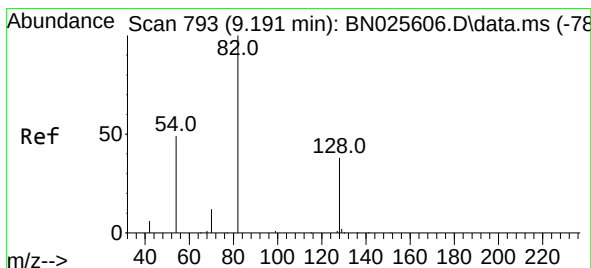
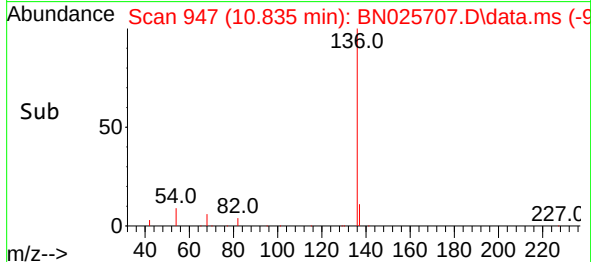
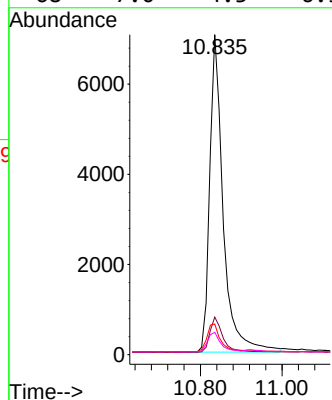
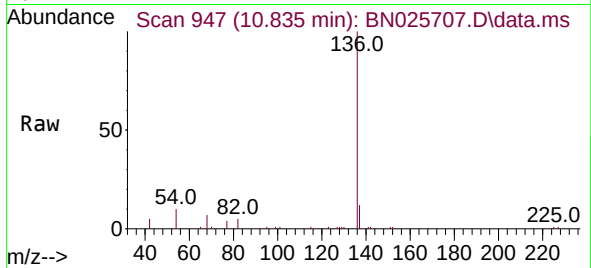




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.835 min Scan# 948
Delta R.T. -0.000 min
Lab File: BN025707.D
Acq: 29 May 2023 07:43

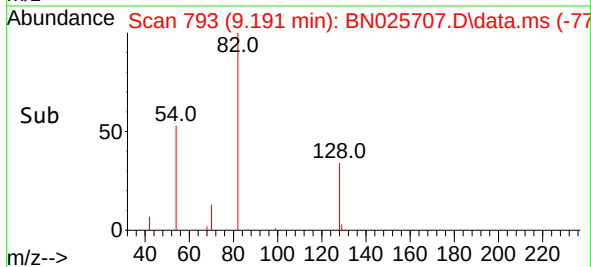
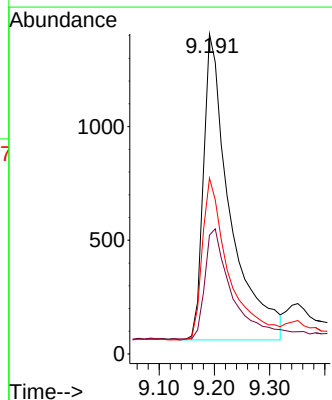
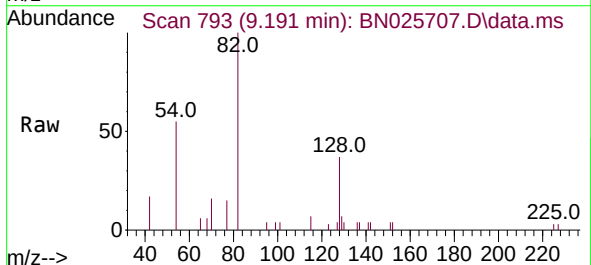
Instrument :
BNA_N
ClientSampleId :
GM38-RW3-MW1-20230523

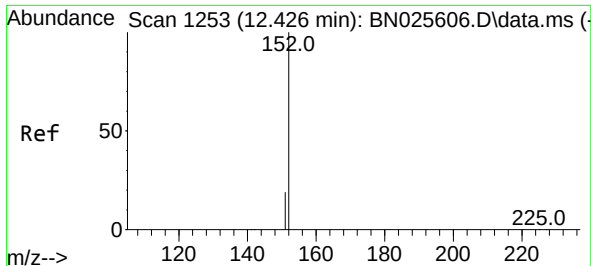
Tgt Ion:	136	Resp:	16109
Ion Ratio	Lower	Upper	
136	100		
137	11.7	9.1	13.7
54	9.6	5.4	8.0#
68	7.0	4.3	6.5#



#8
Nitrobenzene-d5
Concen: 0.334 ng
RT: 9.191 min Scan# 793
Delta R.T. -0.000 min
Lab File: BN025707.D
Acq: 29 May 2023 07:43

Tgt Ion:	82	Resp:	4504
Ion Ratio	Lower	Upper	
82	100		
128	37.2	32.5	48.7
54	54.9	40.6	60.8

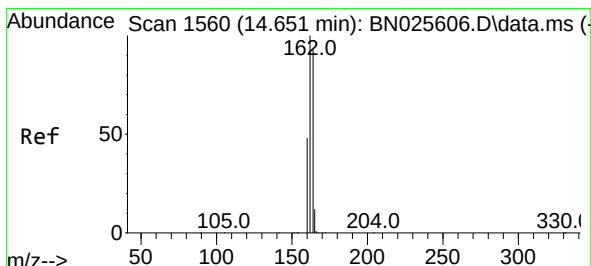
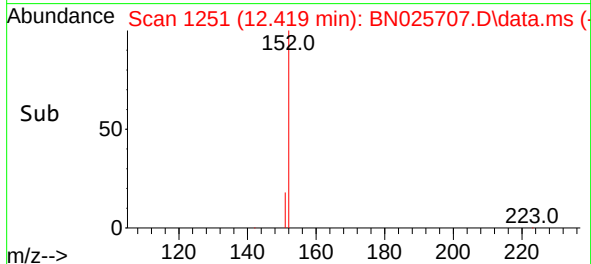
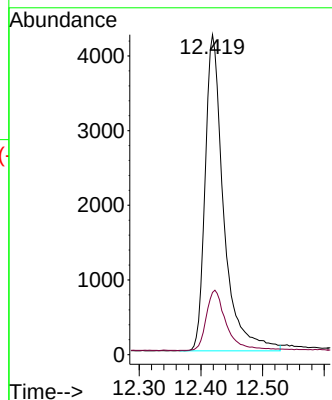
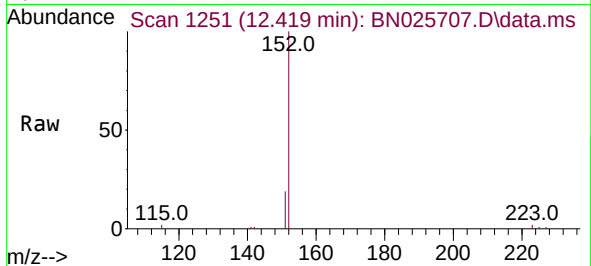




#11
2-Methylnaphthalene-d10
Concen: 0.385 ng
RT: 12.419 min Scan# 1251
Delta R.T. -0.004 min
Lab File: BN025707.D
Acq: 29 May 2023 07:43

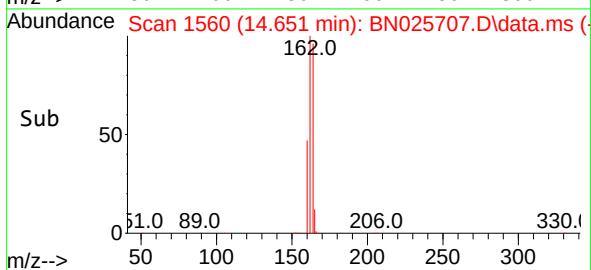
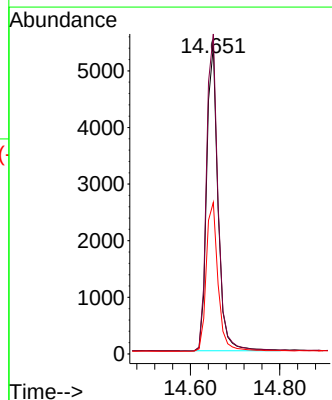
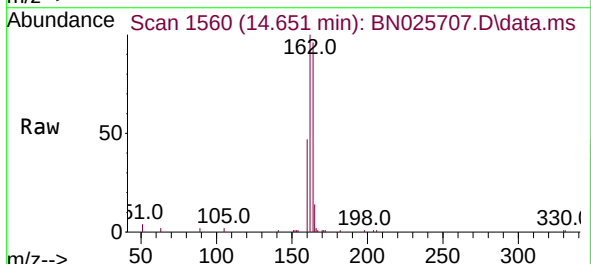
Instrument :
BNA_N
ClientSampleId :
GM38-RW3-MW1-20230523

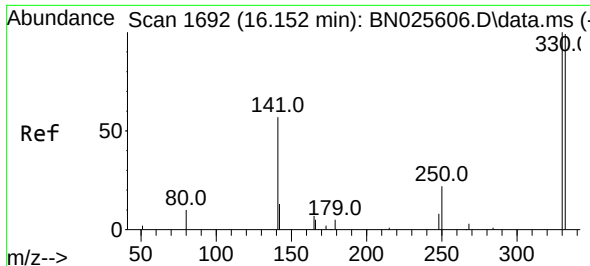
Tgt Ion:152 Resp: 8849
Ion Ratio Lower Upper
152 100
151 21.1 16.1 24.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.651 min Scan# 1560
Delta R.T. -0.000 min
Lab File: BN025707.D
Acq: 29 May 2023 07:43

Tgt Ion:164 Resp: 9484
Ion Ratio Lower Upper
164 100
162 104.1 86.4 129.6
160 49.3 41.9 62.9

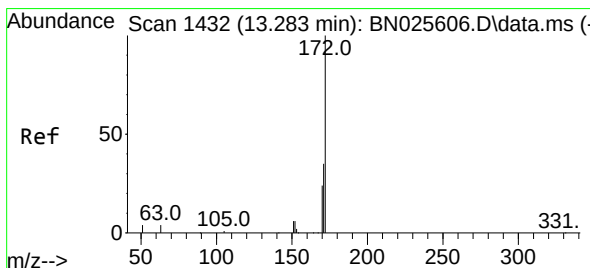
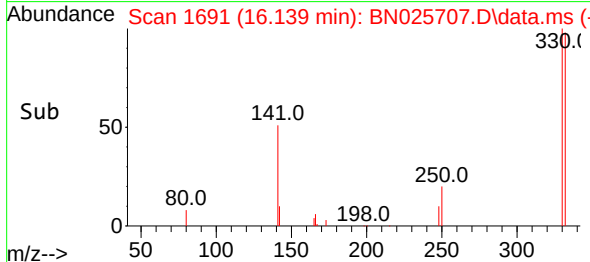
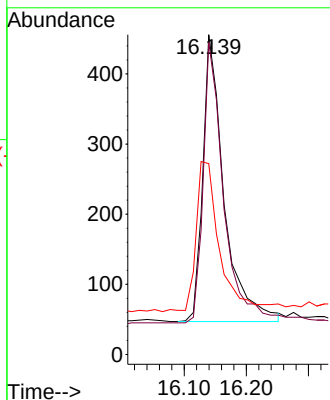
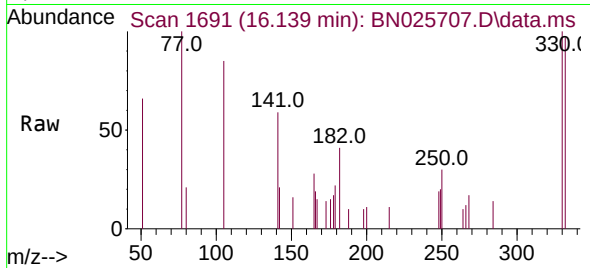




#14
2,4,6-Tribromophenol
Concen: 0.508 ng
RT: 16.139 min Scan# 1691
Delta R.T. -0.013 min
Lab File: BN025707.D
Acq: 29 May 2023 07:43

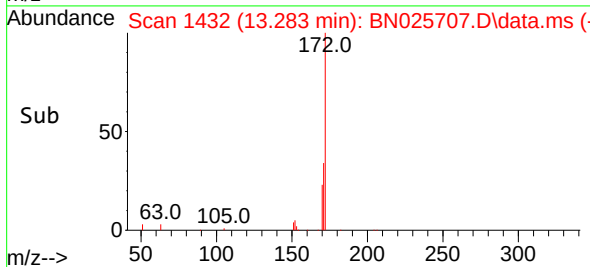
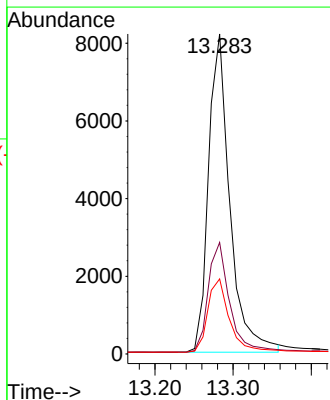
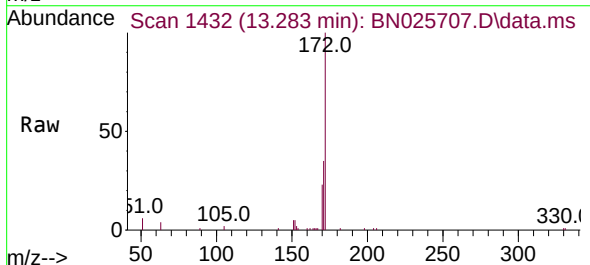
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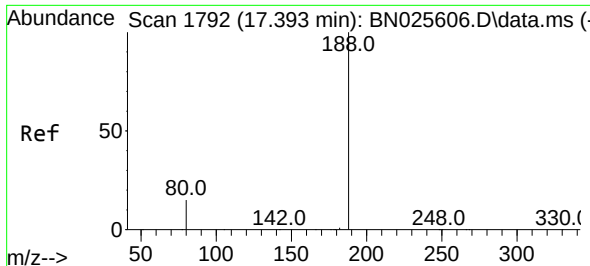
Tgt Ion:330 Resp: 973
Ion Ratio Lower Upper
330 100
332 93.4 80.0 120.0
141 55.6 45.8 68.6



#15
2-Fluorobiphenyl
Concen: 0.397 ng
RT: 13.283 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BN025707.D
Acq: 29 May 2023 07:43

Tgt Ion:172 Resp: 15548
Ion Ratio Lower Upper
172 100
171 34.8 28.6 42.8
170 23.5 19.7 29.5

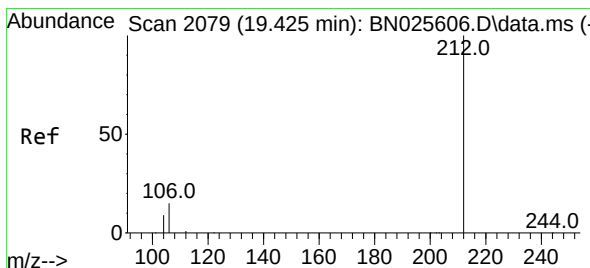
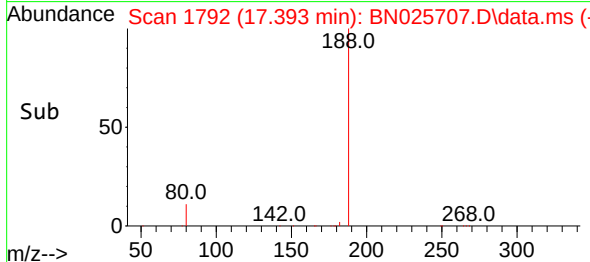
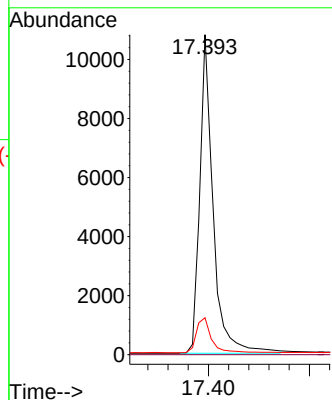
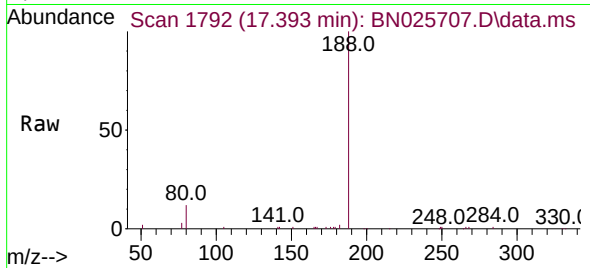




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.393 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN025707.D
Acq: 29 May 2023 07:43

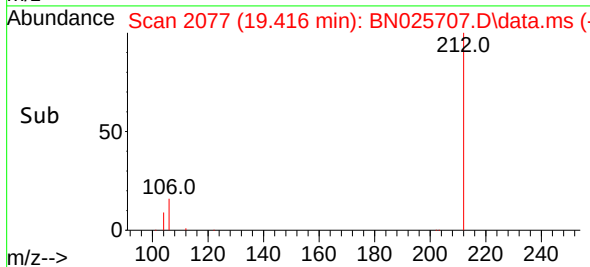
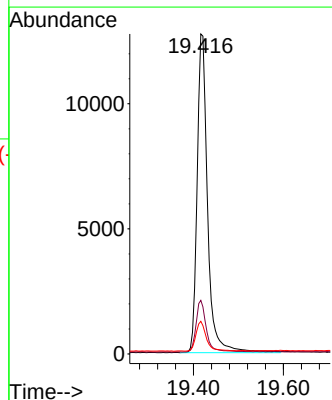
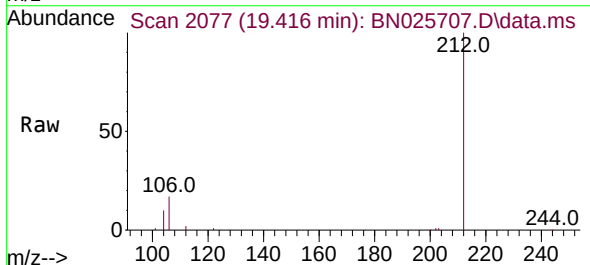
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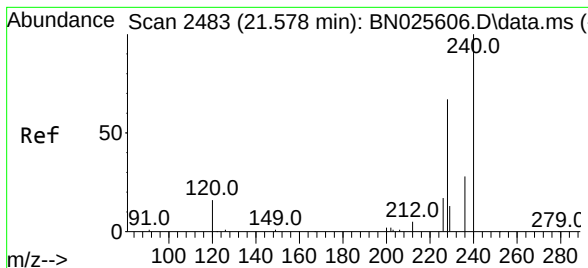
Tgt Ion:188 Resp: 19861
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.5 12.2 18.2#



#27
Fluoranthene-d10
Concen: 0.457 ng
RT: 19.416 min Scan# 2077
Delta R.T. -0.005 min
Lab File: BN025707.D
Acq: 29 May 2023 07:43

Tgt Ion:212 Resp: 20583
Ion Ratio Lower Upper
212 100
106 16.0 12.3 18.5
104 9.3 7.2 10.8





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.578 min Scan# 2483

Delta R.T. -0.000 min

Lab File: BN025707.D

Acq: 29 May 2023 07:43

Instrument :

BNA_N

ClientSampleId :

GM38-RW3-MW1-20230523

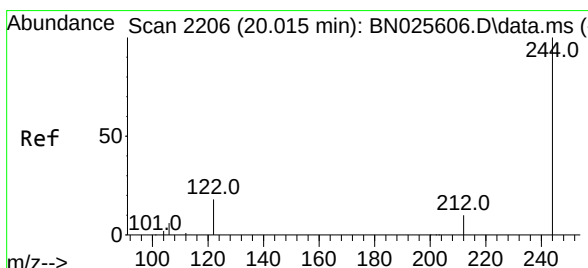
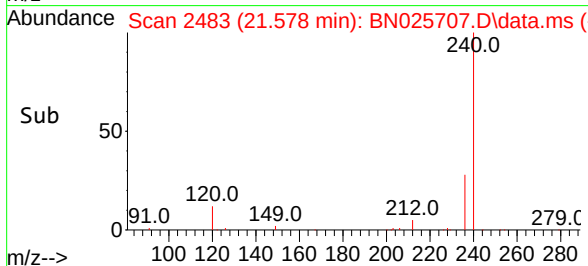
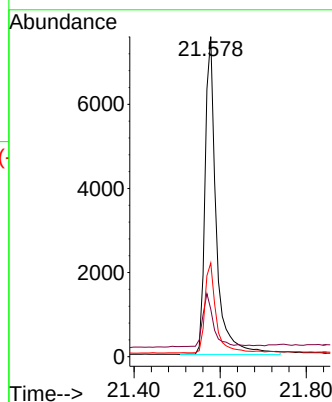
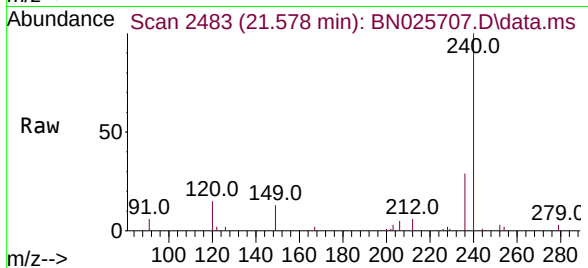
Tgt Ion:240 Resp: 13694

Ion Ratio Lower Upper

240 100

120 14.9 15.4 23.0#

236 29.3 23.2 34.8



#31

Terphenyl-d14

Concen: 0.517 ng

RT: 20.006 min Scan# 2204

Delta R.T. -0.009 min

Lab File: BN025707.D

Acq: 29 May 2023 07:43

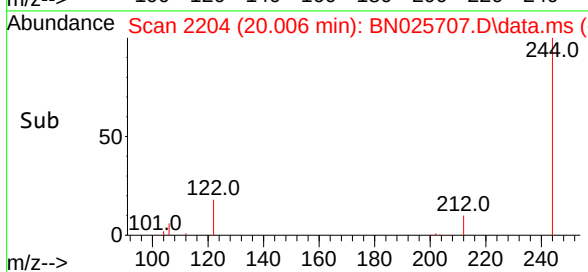
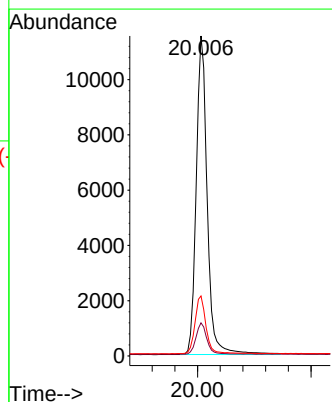
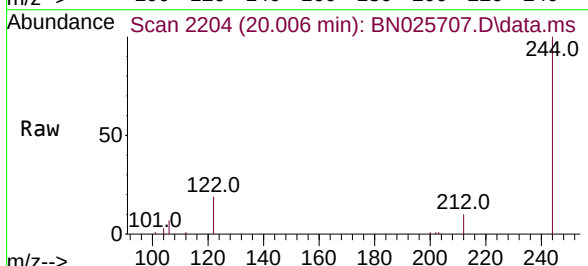
Tgt Ion:244 Resp: 15487

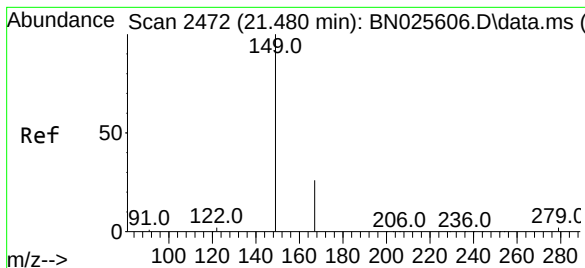
Ion Ratio Lower Upper

244 100

212 10.3 8.5 12.7

122 18.8 14.9 22.3

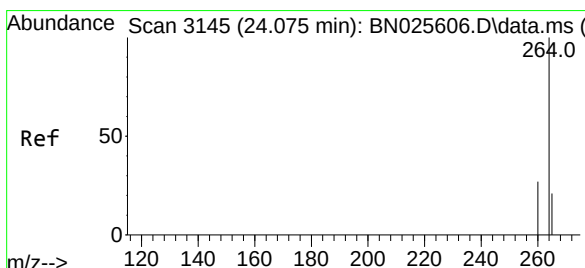
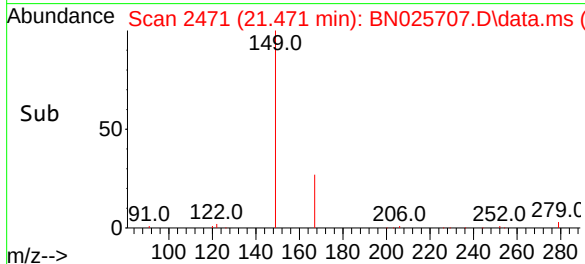
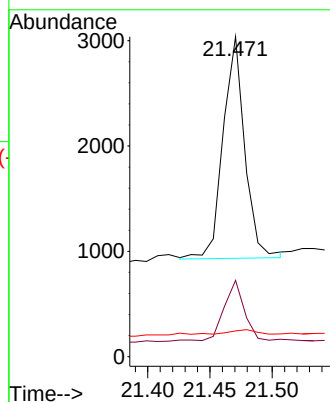
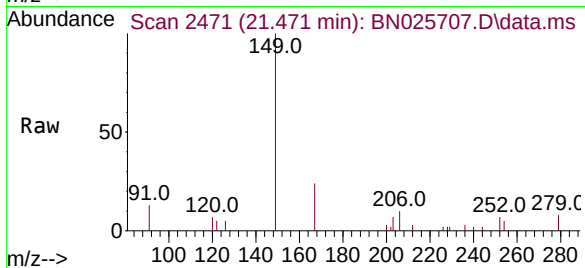




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.082 ng
 RT: 21.471 min Scan# 2471
 Delta R.T. -0.000 min
 Lab File: BN025707.D
 Acq: 29 May 2023 07:43

Instrument :
 BNA_N
 ClientSampleId :
 GM38-RW3-MW1-20230523

Tgt Ion:149 Resp: 2554
 Ion Ratio Lower Upper
 149 100
 167 29.7 20.4 30.6
 279 7.2 3.3 4.9#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.066 min Scan# 3142
 Delta R.T. -0.003 min
 Lab File: BN025707.D
 Acq: 29 May 2023 07:43

Tgt Ion:264 Resp: 12366
 Ion Ratio Lower Upper
 264 100
 260 27.2 22.3 33.5
 265 53.3 54.3 81.5#

