

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082523\
 Data File : BN027120.D
 Acq On : 25 Aug 2023 15:55
 Operator : MA/JU
 Sample : 04024-19
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW17811-20230815

Quant Time: Aug 26 02:16:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 26 02:13:59 2023
 Response via : Initial Calibration

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

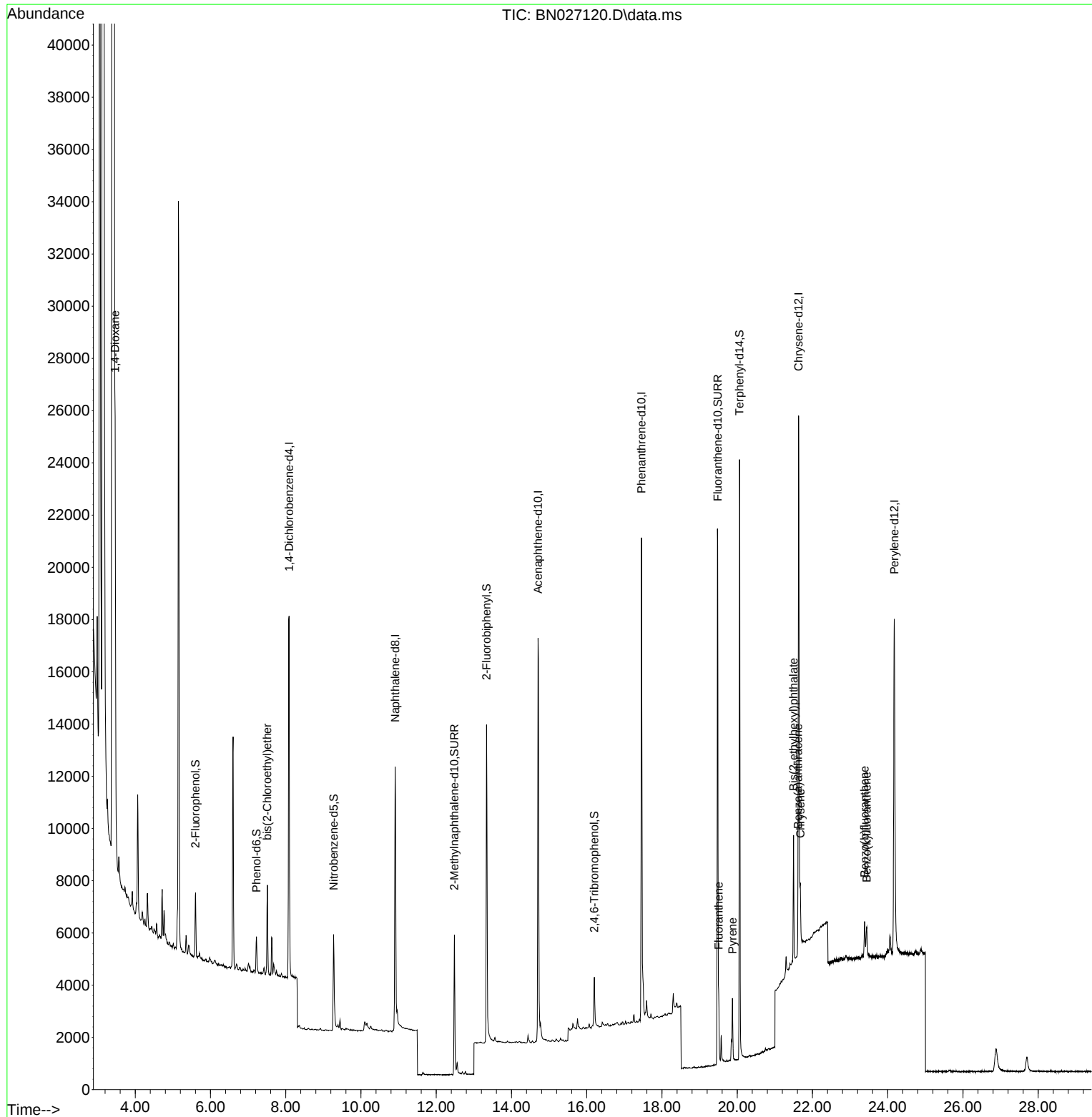
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.088	152	7142	0.400	ng	0.00
7) Naphthalene-d8	10.906	136	16356	0.400	ng	# 0.00
13) Acenaphthene-d10	14.705	164	10887	0.400	ng	0.00
19) Phenanthrene-d10	17.455	188	25537	0.400	ng	# 0.00
29) Chrysene-d12	21.632	240	21840	0.400	ng	# 0.00
35) Perylene-d12	24.174	264	21454	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.603	112	2132	0.106	ng	0.00
5) Phenol-d6	7.221	99	1393	0.056	ng	0.00
8) Nitrobenzene-d5	9.273	82	3262	0.236	ng	0.00
11) 2-Methylnaphthalene-d10	12.483	152	7863	0.302	ng	0.00
14) 2,4,6-Tribromophenol	16.202	330	1253	0.216	ng	0.00
15) 2-Fluorobiphenyl	13.336	172	11889	0.294	ng	0.00
27) Fluoranthene-d10	19.481	212	23926	0.365	ng	0.00
31) Terphenyl-d14	20.062	244	23118	0.507	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.466	88	7126	0.928	ng	# 90
6) bis(2-Chloroethyl)ether	7.510	93	2579	0.123	ng	97
28) Fluoranthene	19.509	202	2157	0.025	ng	# 89
30) Pyrene	19.871	202	2161	0.026	ng	98
32) Benzo(a)anthracene	21.614	228	1866	0.024	ng	# 89
33) Chrysene	21.677	228	1994	0.025	ng	# 92
34) Bis(2-ethylhexyl)phtha...	21.498	149	4828	0.085	ng	97
37) Benzo(b)fluoranthene	23.385	252	2048	0.029	ng	# 11
38) Benzo(k)fluoranthene	23.437	252	1777	0.024	ng	# 4

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

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Misc :
ALS Vial : 9 Sample Multiplier: 1

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MW17811-20230815

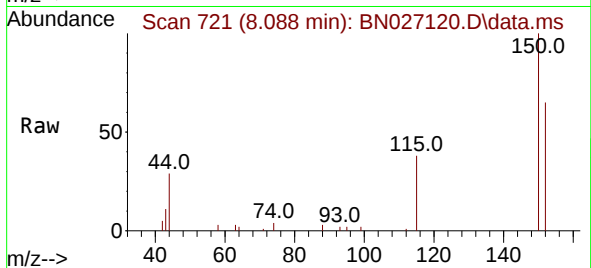
Quant Time: Aug 26 02:16:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 26 02:13:59 2023
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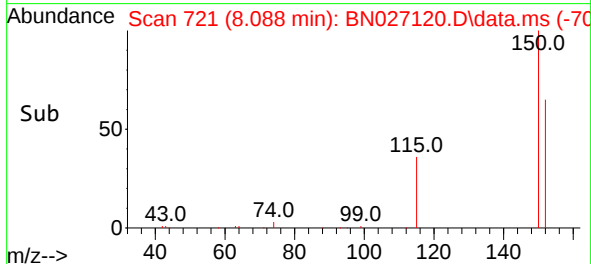
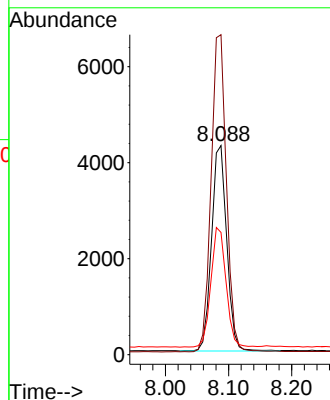
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 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.088 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BN027120.D
 Acq: 25 Aug 2023 15:55

Instrument :
 BNA_N
 ClientSampleId :
 MW17811-20230815



Tgt Ion:152 Resp: 7142

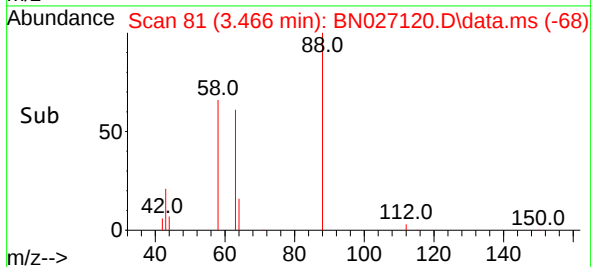
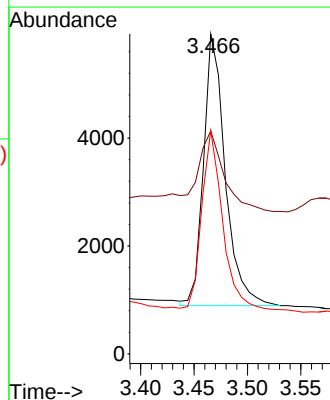
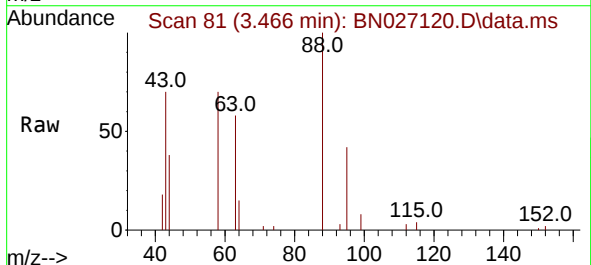
Ion	Ratio	Lower	Upper
152	100		
150	153.1	123.8	185.6
115	58.5	49.7	74.5



#2
 1,4-Dioxane
 Concen: 0.928 ng
 RT: 3.466 min Scan# 81
 Delta R.T. -0.007 min
 Lab File: BN027120.D
 Acq: 25 Aug 2023 15:55

Tgt Ion: 88 Resp: 7126

Ion	Ratio	Lower	Upper
88	100		
43	35.2	19.2	28.8
58	63.1	54.5	81.7

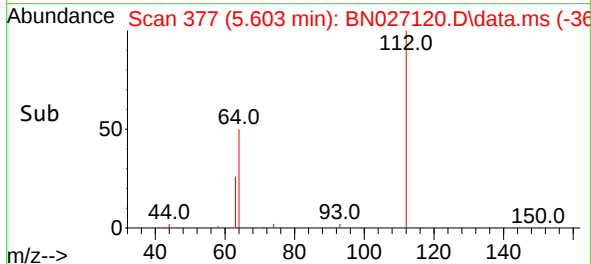
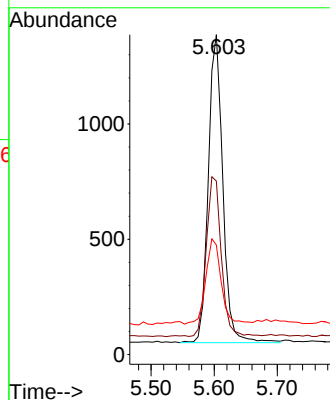
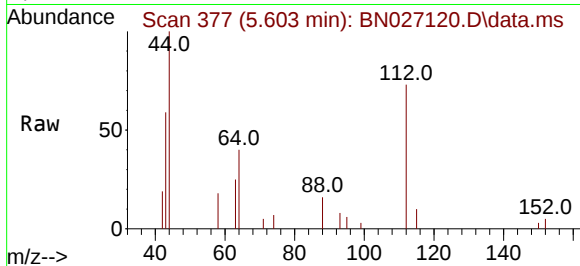




#4
2-Fluorophenol
Concen: 0.106 ng
RT: 5.603 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN027120.D
Acq: 25 Aug 2023 15:55

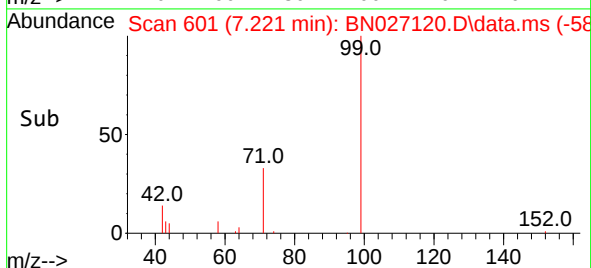
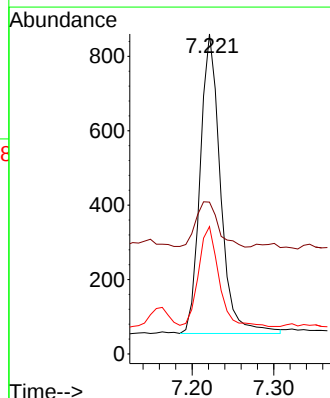
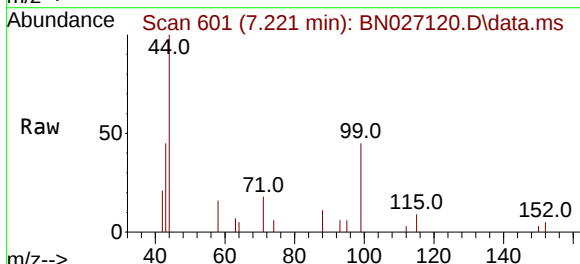
Instrument :
BNA_N
ClientSampleId :
MW17811-20230815

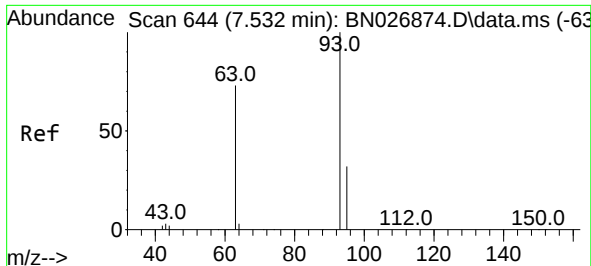
Tgt Ion: 112 Resp: 2132
Ion Ratio Lower Upper
112 100
64 53.4 41.5 62.3
63 29.4 21.7 32.5



#5
Phenol-d6
Concen: 0.056 ng
RT: 7.221 min Scan# 601
Delta R.T. 0.000 min
Lab File: BN027120.D
Acq: 25 Aug 2023 15:55

Tgt Ion: 99 Resp: 1393
Ion Ratio Lower Upper
99 100
42 17.0 13.6 20.4
71 33.2 26.0 39.0

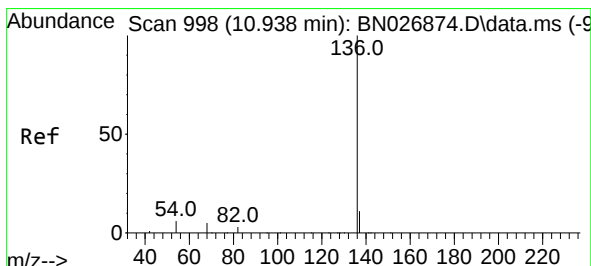
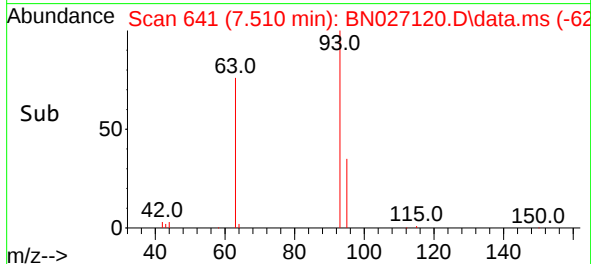
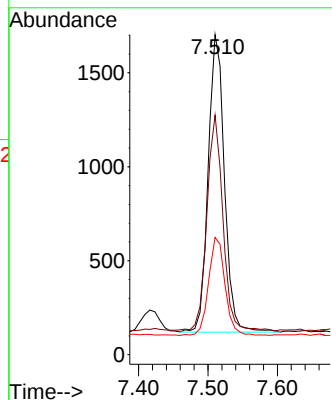
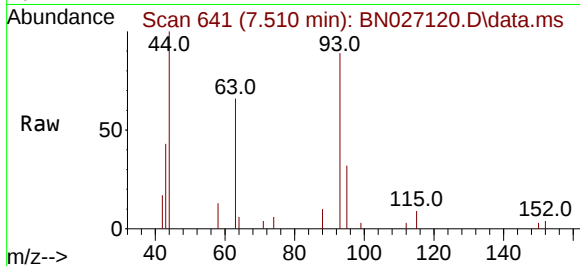




#6
bis(2-Chloroethyl)ether
Concen: 0.123 ng
RT: 7.510 min Scan# 644
Delta R.T. 0.000 min
Lab File: BN027120.D
Acq: 25 Aug 2023 15:55

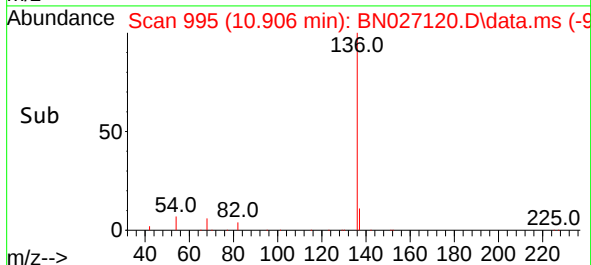
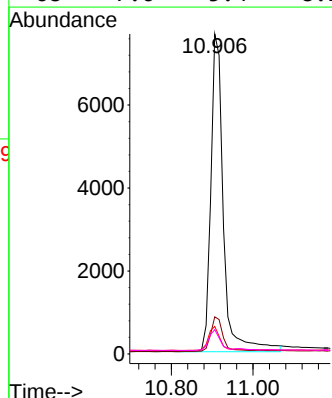
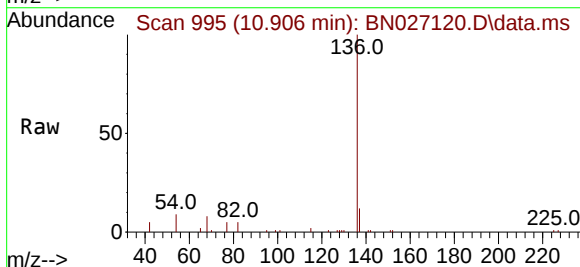
Instrument :
BNA_N
ClientSampleId :
MW17811-20230815

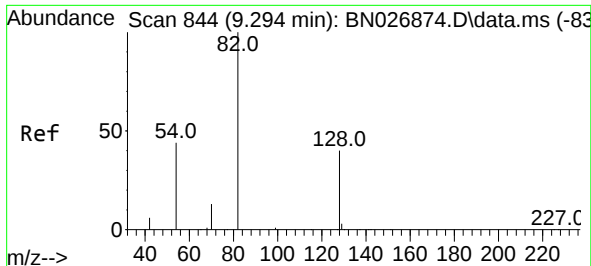
Tgt Ion: 93 Resp: 2579
Ion Ratio Lower Upper
93 100
63 71.4 55.0 82.4
95 33.6 26.2 39.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.906 min Scan# 995
Delta R.T. 0.000 min
Lab File: BN027120.D
Acq: 25 Aug 2023 15:55

Tgt Ion: 136 Resp: 16356
Ion Ratio Lower Upper
136 100
137 11.6 9.0 13.6
54 8.6 5.5 8.3#
68 7.6 5.4 8.2

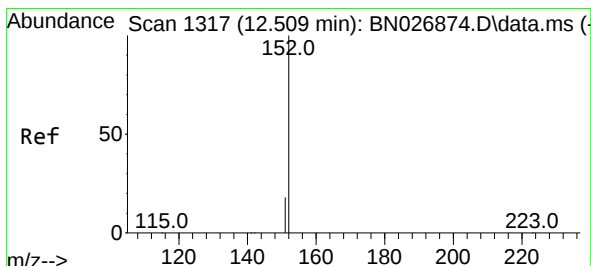
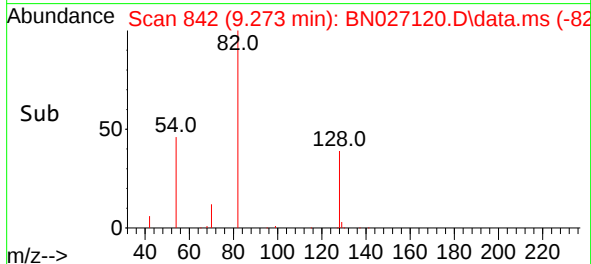
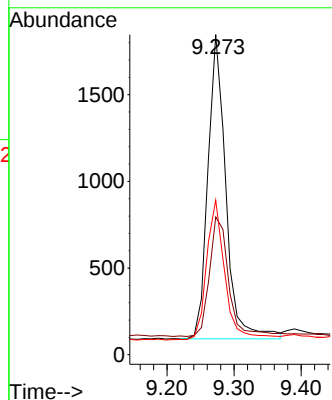
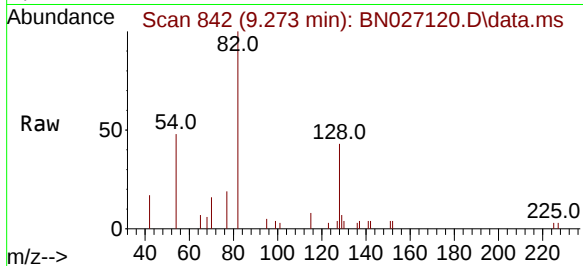




#8
Nitrobenzene-d5
Concen: 0.236 ng
RT: 9.273 min Scan# 844
Delta R.T. 0.000 min
Lab File: BN027120.D
Acq: 25 Aug 2023 15:55

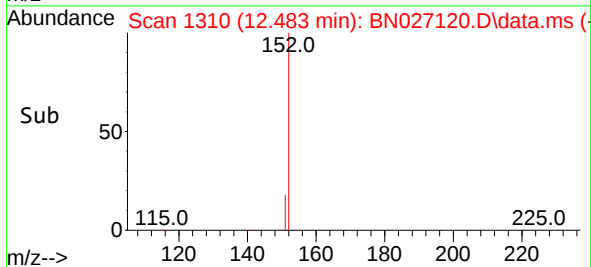
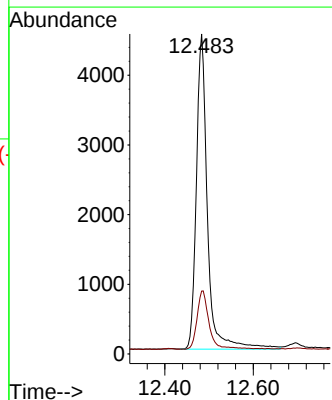
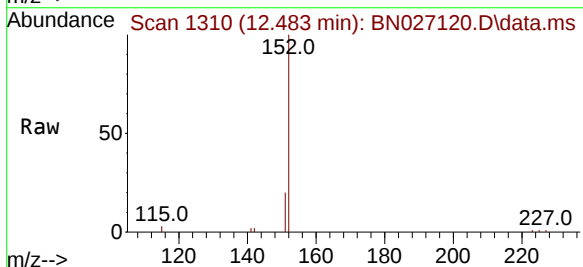
Instrument :
BNA_N
ClientSampleId :
MW17811-20230815

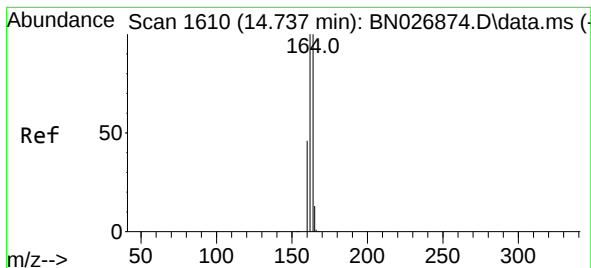
Tgt Ion: 82 Resp: 3262
Ion Ratio Lower Upper
82 100
128 43.1 34.1 51.1
54 48.3 37.0 55.4



#11
2-Methylnaphthalene-d10
Concen: 0.302 ng
RT: 12.483 min Scan# 1310
Delta R.T. 0.000 min
Lab File: BN027120.D
Acq: 25 Aug 2023 15:55

Tgt Ion: 152 Resp: 7863
Ion Ratio Lower Upper
152 100
151 20.2 16.3 24.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.705 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN027120.D

Acq: 25 Aug 2023 15:55

Instrument :

BNA_N

ClientSampleId :

MW17811-20230815

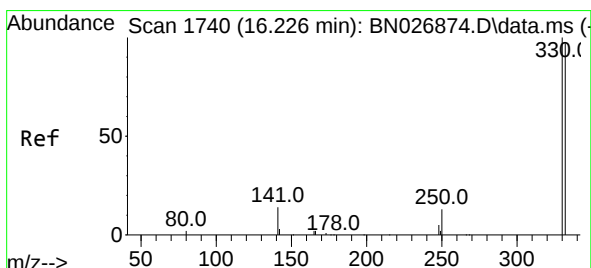
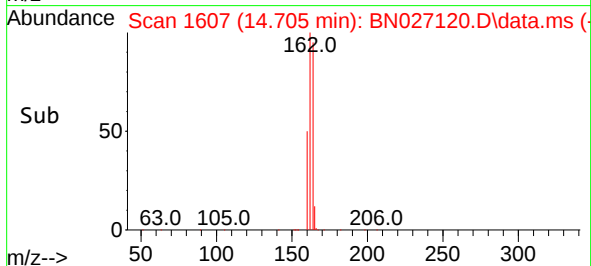
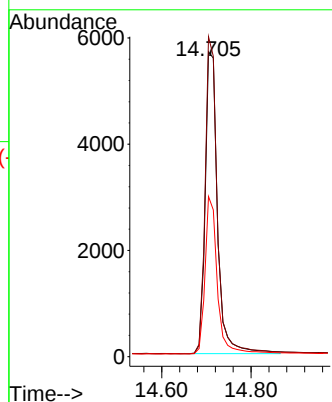
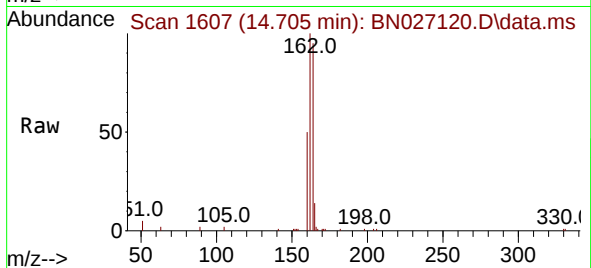
Tgt Ion:164 Resp: 10887

Ion Ratio Lower Upper

164 100

162 105.0 79.7 119.5

160 52.5 37.4 56.0



#14

2,4,6-Tribromophenol

Concen: 0.216 ng

RT: 16.202 min Scan# 1738

Delta R.T. 0.000 min

Lab File: BN027120.D

Acq: 25 Aug 2023 15:55

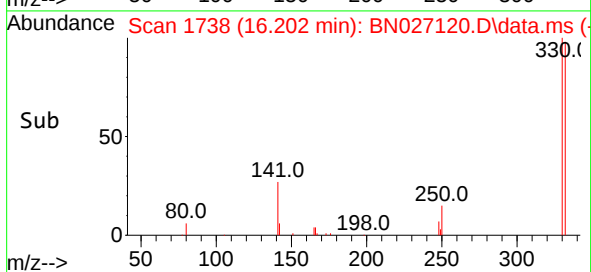
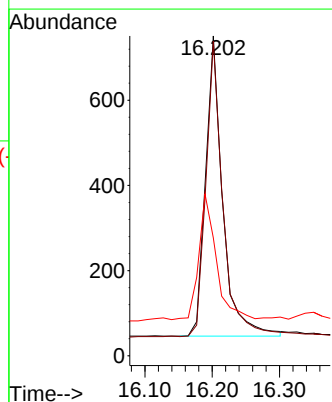
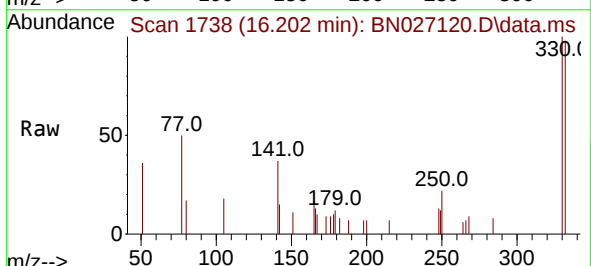
Tgt Ion:330 Resp: 1253

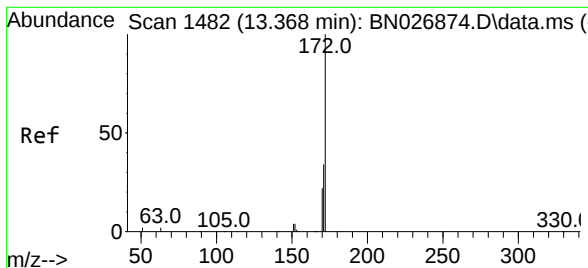
Ion Ratio Lower Upper

330 100

332 97.4 76.6 114.8

141 42.3 32.3 48.5

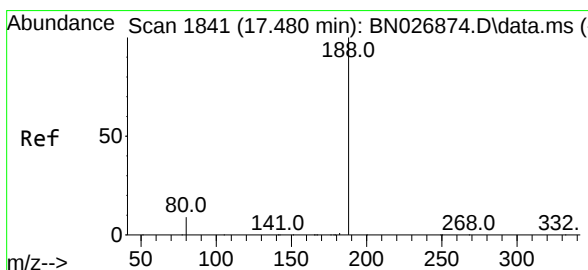
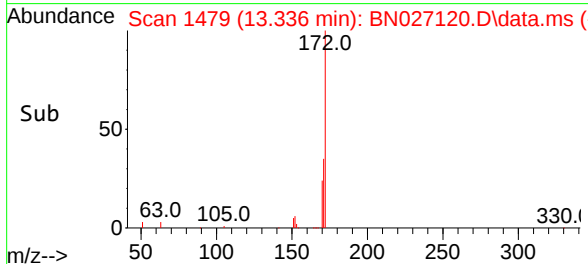
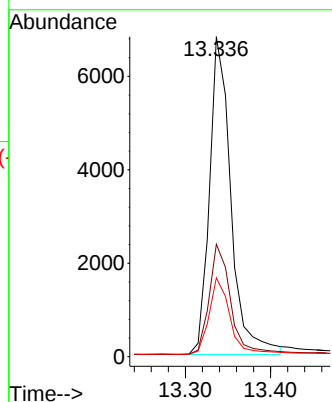
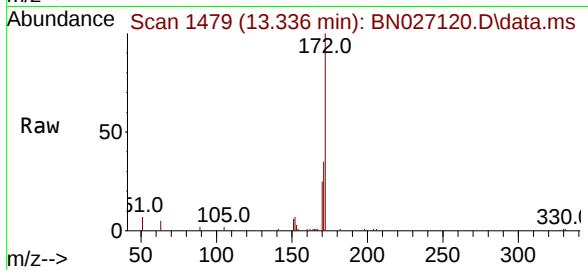




#15
2-Fluorobiphenyl
Concen: 0.294 ng
RT: 13.336 min Scan# 1482
Delta R.T. 0.000 min
Lab File: BN027120.D
Acq: 25 Aug 2023 15:55

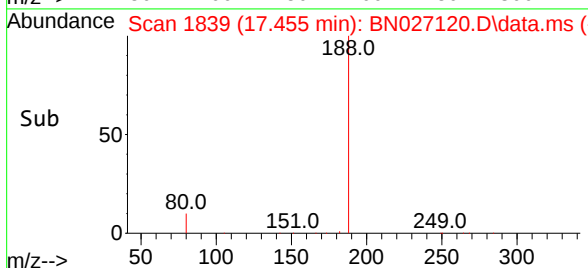
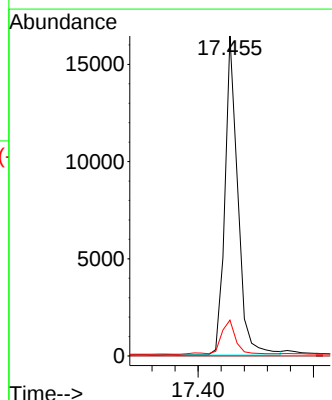
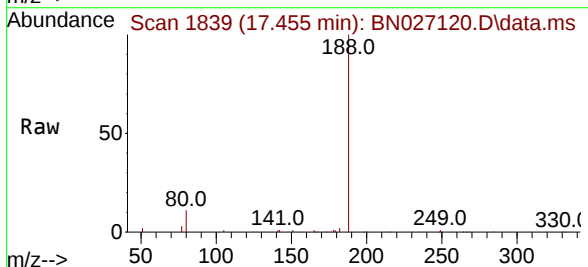
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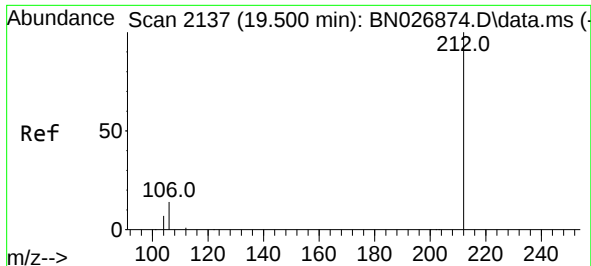
Tgt Ion:	172	Resp:	11889
Ion Ratio	Lower	Upper	
172	100		
171	35.1	27.4	41.0
170	24.7	18.0	27.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.455 min Scan# 1839
Delta R.T. 0.000 min
Lab File: BN027120.D
Acq: 25 Aug 2023 15:55

Tgt Ion:	188	Resp:	25537
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	11.2	7.4	11.2

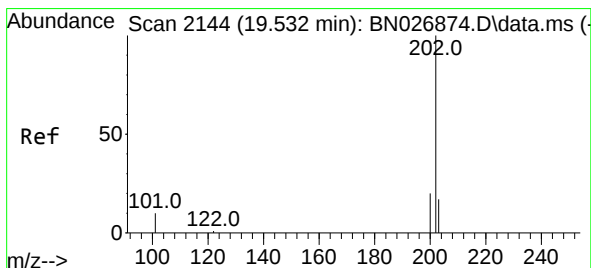
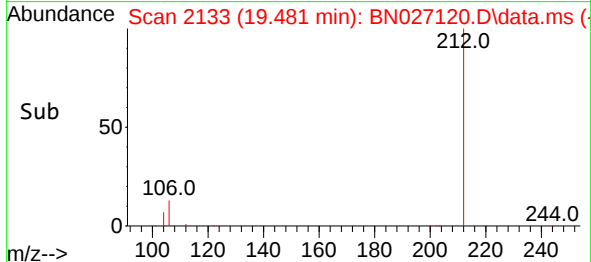
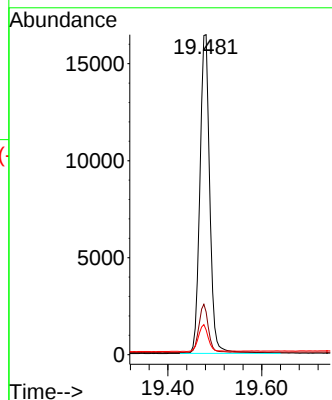
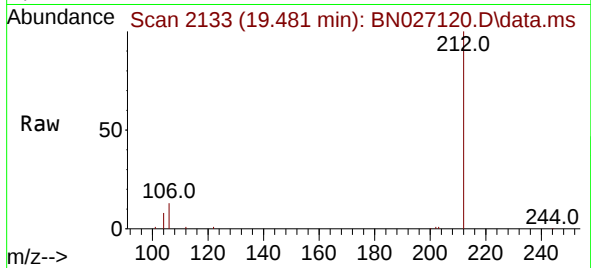




#27
Fluoranthene-d10
Concen: 0.365 ng
RT: 19.481 min Scan# 2133
Delta R.T. 0.005 min
Lab File: BN027120.D
Acq: 25 Aug 2023 15:55

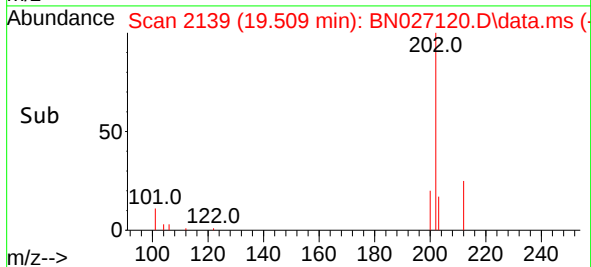
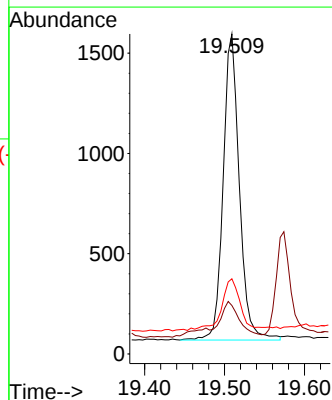
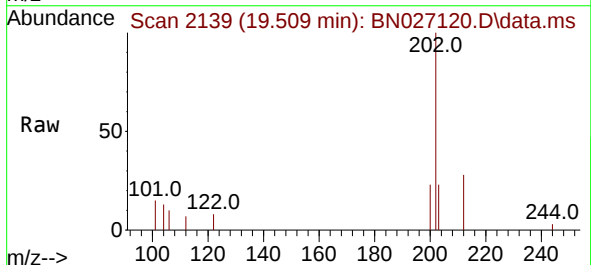
Instrument :
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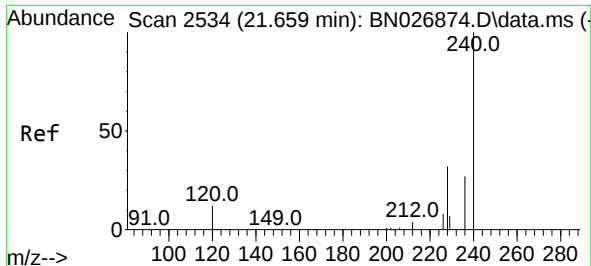
Tgt Ion:212 Resp: 23926
Ion Ratio Lower Upper
212 100
106 14.7 10.9 16.3
104 8.2 5.9 8.9



#28
Fluoranthene
Concen: 0.025 ng
RT: 19.509 min Scan# 2139
Delta R.T. 0.000 min
Lab File: BN027120.D
Acq: 25 Aug 2023 15:55

Tgt Ion:202 Resp: 2157
Ion Ratio Lower Upper
202 100
101 17.1 8.9 13.3#
203 20.3 13.7 20.5

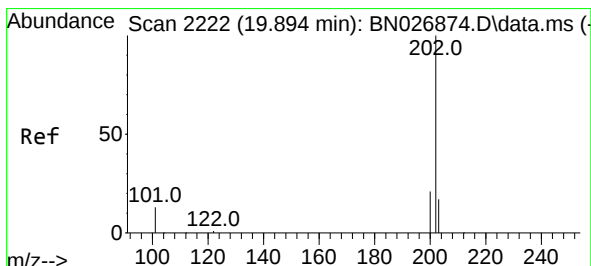
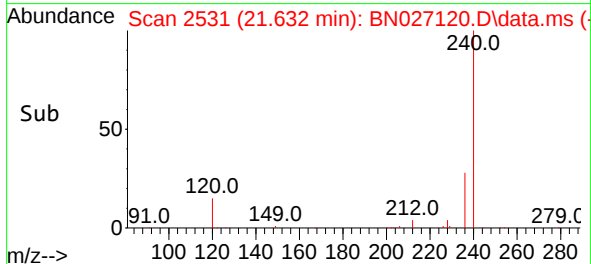
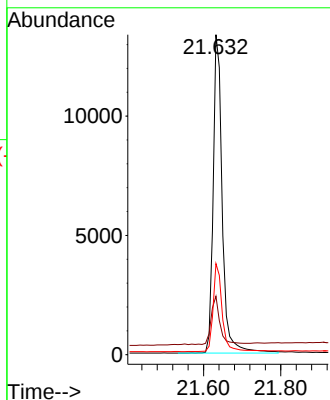
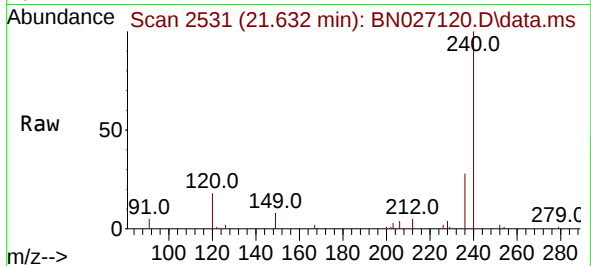




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.632 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN027120.D
Acq: 25 Aug 2023 15:55

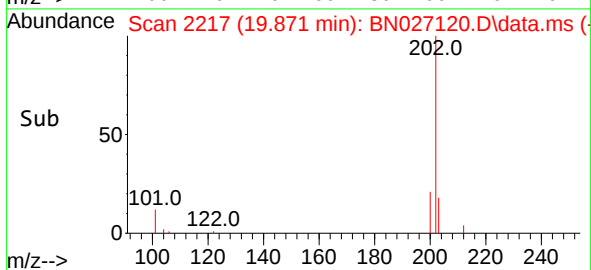
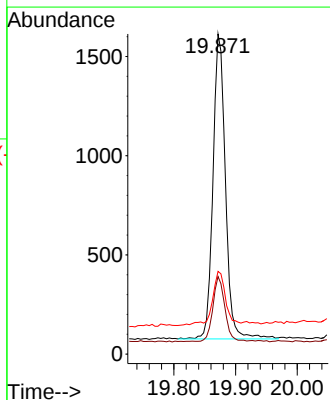
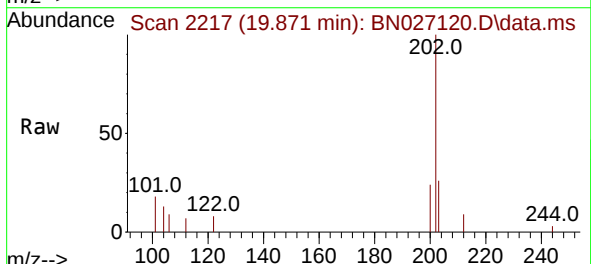
Instrument :
BNA_N
ClientSampleId :
MW17811-20230815

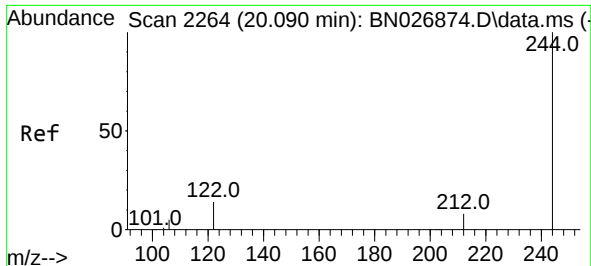
Tgt Ion:240 Resp: 21840
Ion Ratio Lower Upper
240 100
120 18.3 11.1 16.7#
236 28.5 22.2 33.2



#30
Pyrene
Concen: 0.026 ng
RT: 19.871 min Scan# 2217
Delta R.T. 0.000 min
Lab File: BN027120.D
Acq: 25 Aug 2023 15:55

Tgt Ion:202 Resp: 2161
Ion Ratio Lower Upper
202 100
200 20.1 16.6 25.0
203 18.8 14.4 21.6

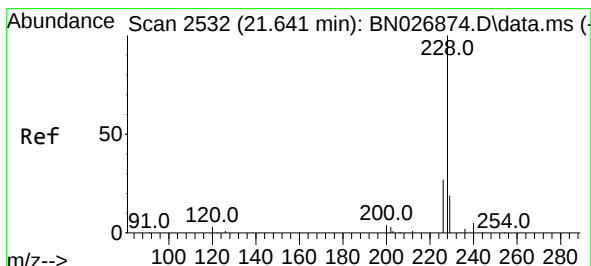
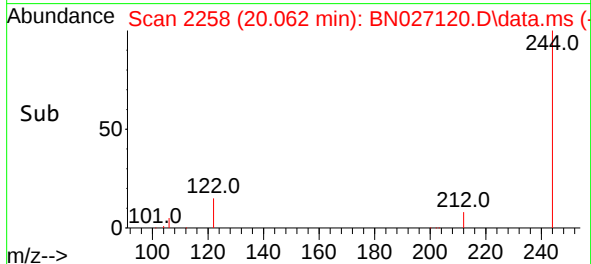
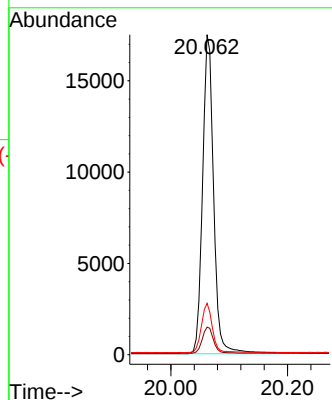
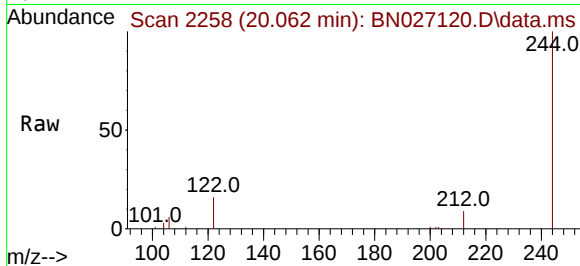




#31
 Terphenyl-d14
 Concen: 0.507 ng
 RT: 20.062 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN027120.D
 Acq: 25 Aug 2023 15:55

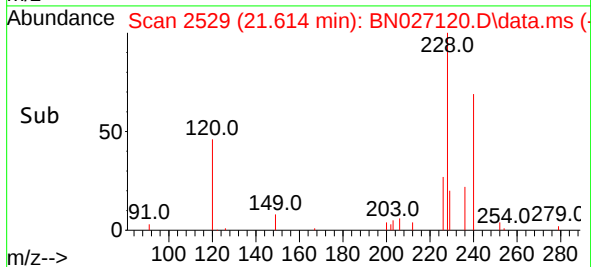
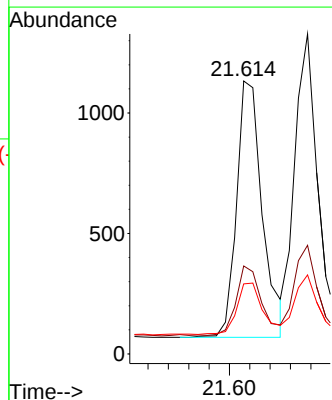
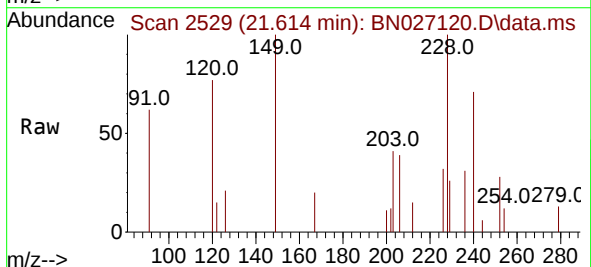
Instrument :
 BNA_N
 ClientSampleId :
 MW17811-20230815

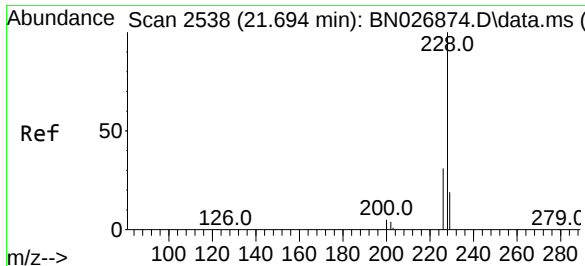
Tgt Ion:244 Resp: 23118
 Ion Ratio Lower Upper
 244 100
 212 8.6 6.9 10.3
 122 16.1 11.9 17.9



#32
 Benzo(a)anthracene
 Concen: 0.024 ng
 RT: 21.614 min Scan# 2529
 Delta R.T. 0.000 min
 Lab File: BN027120.D
 Acq: 25 Aug 2023 15:55

Tgt Ion:228 Resp: 1866
 Ion Ratio Lower Upper
 228 100
 226 32.2 22.1 33.1
 229 25.7 15.5 23.3#





#33

Chrysene

Concen: 0.025 ng

RT: 21.677 min Scan# 21

Delta R.T. 0.009 min

Lab File: BN027120.D

Acq: 25 Aug 2023 15:55

Instrument :

BNA_N

ClientSampleId :

MW17811-20230815

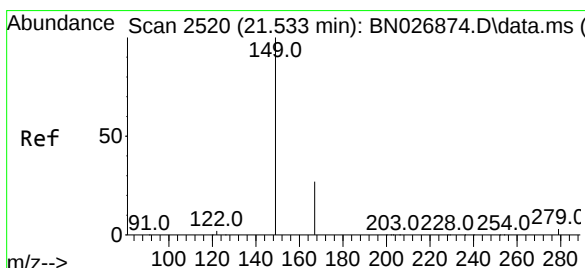
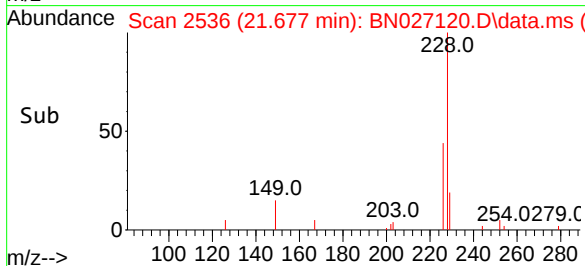
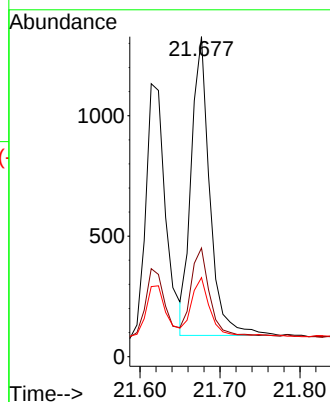
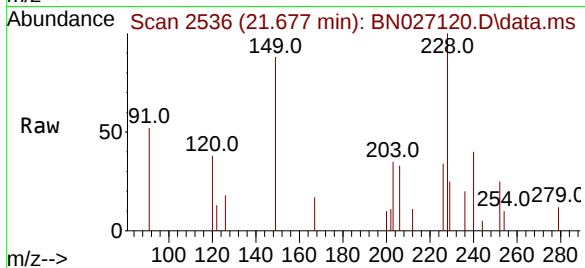
Tgt Ion:228 Resp: 1994

Ion Ratio Lower Upper

228 100

226 34.0 24.6 37.0

229 24.7 15.5 23.3#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.085 ng

RT: 21.498 min Scan# 2516

Delta R.T. 0.000 min

Lab File: BN027120.D

Acq: 25 Aug 2023 15:55

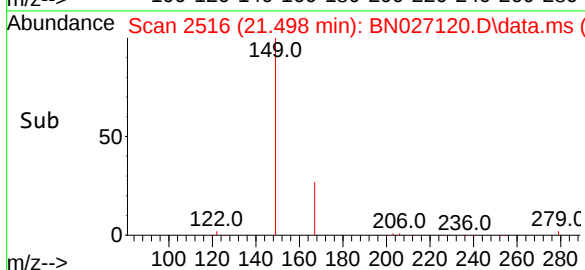
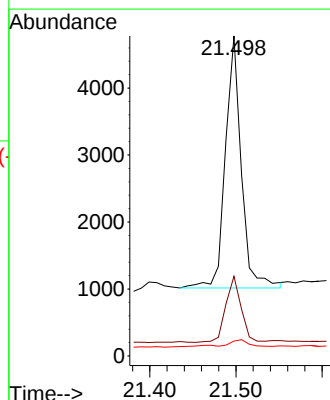
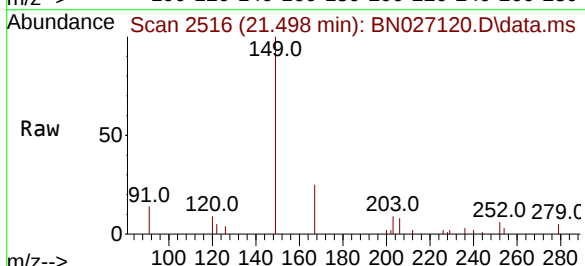
Tgt Ion:149 Resp: 4828

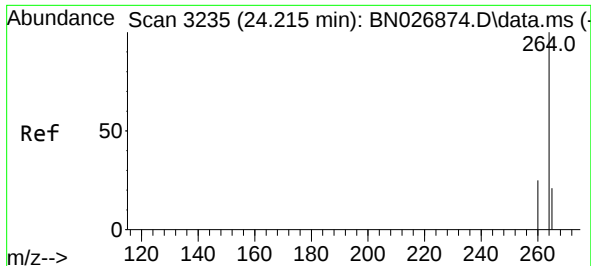
Ion Ratio Lower Upper

149 100

167 25.2 21.4 32.0

279 5.0 3.6 5.4





#35
Perylene-d12

Concen: 0.400 ng

RT: 24.174 min Scan# 31

Delta R.T. 0.003 min

Lab File: BN027120.D

Acq: 25 Aug 2023 15:55

Instrument :

BNA_N

ClientSampleId :

MW17811-20230815

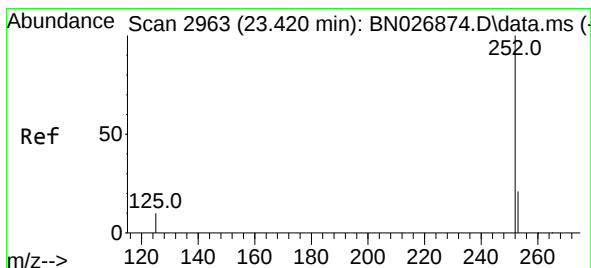
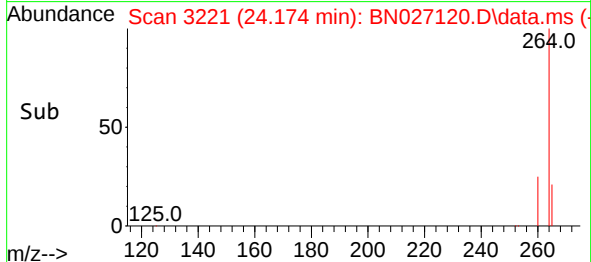
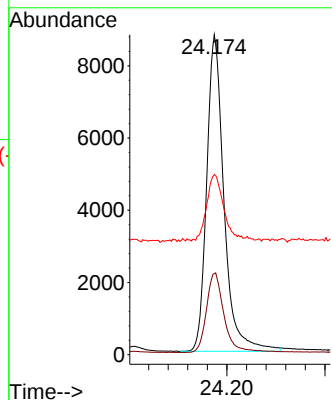
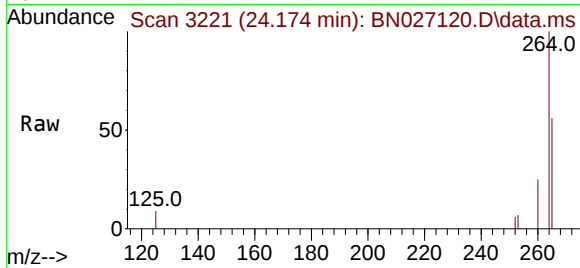
Tgt Ion:264 Resp: 21454

Ion Ratio Lower Upper

264 100

260 25.3 20.4 30.6

265 56.3 27.0 40.6#



#37

Benzo(b)fluoranthene

Concen: 0.029 ng

RT: 23.385 min Scan# 2951

Delta R.T. 0.006 min

Lab File: BN027120.D

Acq: 25 Aug 2023 15:55

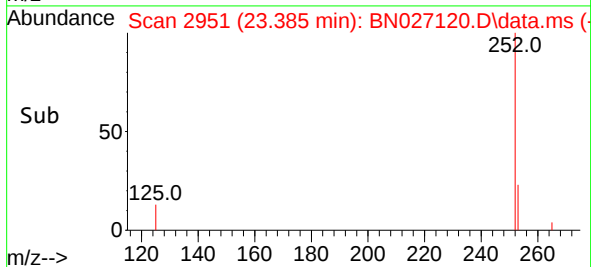
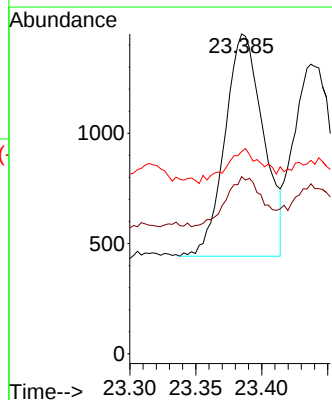
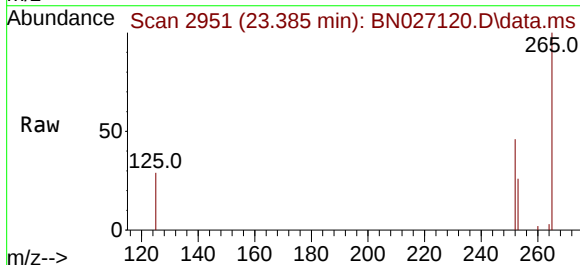
Tgt Ion:252 Resp: 2048

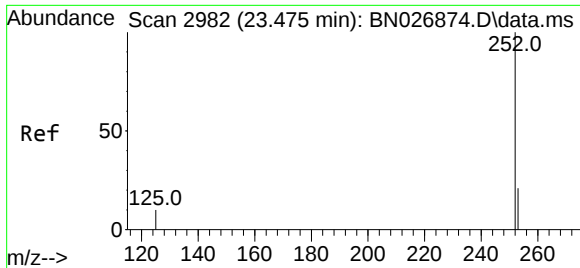
Ion Ratio Lower Upper

252 100

253 55.4 18.4 27.6#

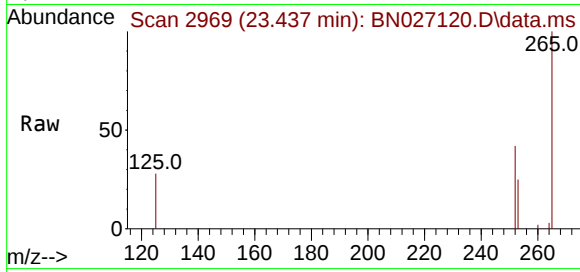
125 63.2 10.2 15.2#





#38
 Benzo(k)fluoranthene
 Concen: 0.024 ng
 RT: 23.437 min Scan# 2969
 Delta R.T. 0.006 min
 Lab File: BN027120.D
 Acq: 25 Aug 2023 15:55

Instrument :
 BNA_N
 ClientSampleId :
 MW17811-20230815



Tgt Ion: 252 Resp: 1777

Ion	Ratio	Lower	Upper
252	100		
253	58.7	18.4	27.6#
125	66.8	10.2	15.2#

