

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082523\
 Data File : BN027131.D
 Acq On : 25 Aug 2023 22:45
 Operator : MA/JU
 Sample : 04025-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW179D1-20230814

Quant Time: Aug 26 02:18:55 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)

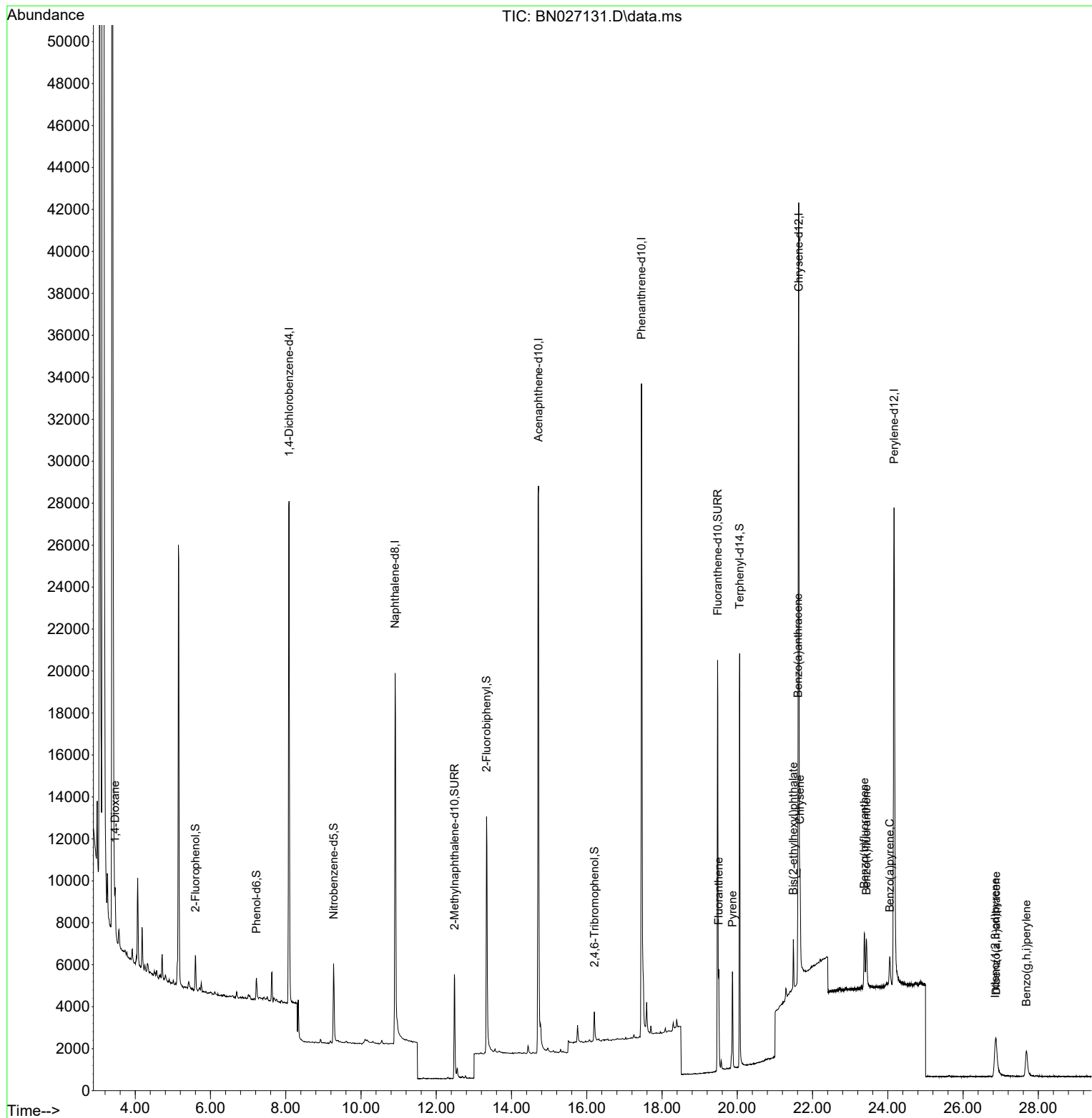
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.088	152	12428	0.400	ng	0.00
7) Naphthalene-d8	10.906	136	28377	0.400	ng	# 0.00
13) Acenaphthene-d10	14.715	164	19264	0.400	ng	0.01
19) Phenanthrene-d10	17.455	188	46199	0.400	ng	# 0.00
29) Chrysene-d12	21.632	240	38130	0.400	ng	0.00
35) Perylene-d12	24.168	264	38251	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.603	112	1443	0.041	ng	0.00
5) Phenol-d6	7.221	99	1074	0.025	ng	0.00
8) Nitrobenzene-d5	9.272	82	3457	0.144	ng	0.00
11) 2-Methylnaphthalene-d10	12.483	152	7611	0.169	ng	0.00
14) 2,4,6-Tribromophenol	16.201	330	938	0.091	ng	0.00
15) 2-Fluorobiphenyl	13.336	172	11994	0.168	ng	0.00
27) Fluoranthene-d10	19.476	212	22191	0.187	ng	0.00
31) Terphenyl-d14	20.062	244	19045	0.239	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.465	88	1353	0.101	ng	# 73
28) Fluoranthene	19.504	202	4098	0.026	ng	97
30) Pyrene	19.871	202	4200	0.029	ng	100
32) Benzo(a)anthracene	21.614	228	3539	0.026	ng	95
33) Chrysene	21.668	228	3966	0.029	ng	98
34) Bis(2-ethylhexyl)phtha...	21.488	149	2475	0.025	ng	# 97
36) Indeno(1,2,3-cd)pyrene	26.852	276	3610	0.023	ng	# 85
37) Benzo(b)fluoranthene	23.376	252	4039	0.032	ng	# 53
38) Benzo(k)fluoranthene	23.431	252	3847	0.029	ng	# 48
39) Benzo(a)pyrene	24.051	252	2811	0.022	ng	# 21
40) Dibenzo(a,h)anthracene	26.878	278	2835	0.023	ng	# 58
41) Benzo(g,h,i)perylene	27.682	276	3379	0.025	ng	# 79

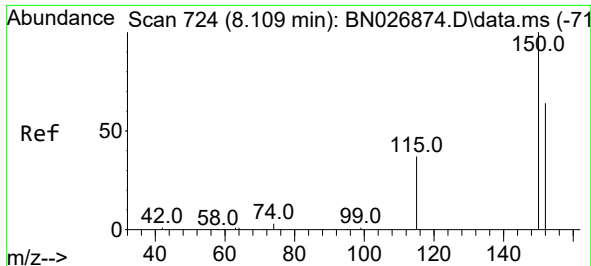
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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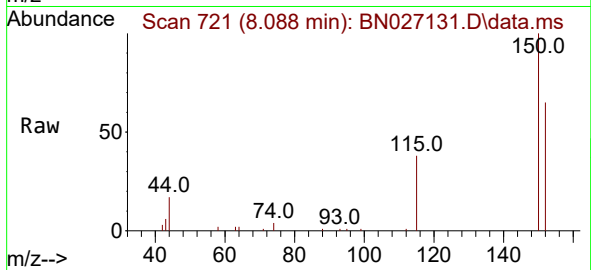
Quant Time: Aug 26 02:18:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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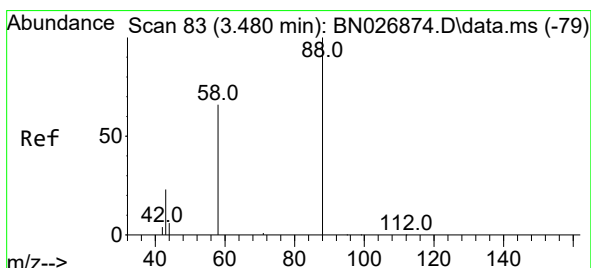
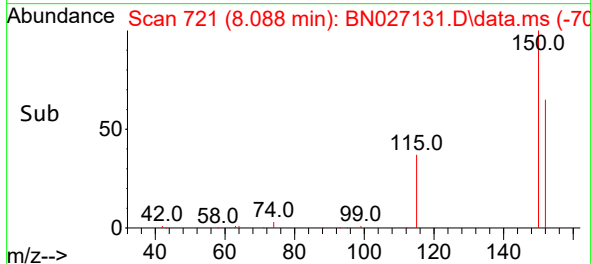
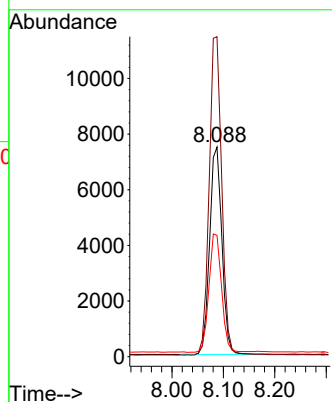


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.088 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BN027131.D
 Acq: 25 Aug 2023 22:45

Instrument :
 BNA_N
 ClientSampleId :
 MW179D1-20230814

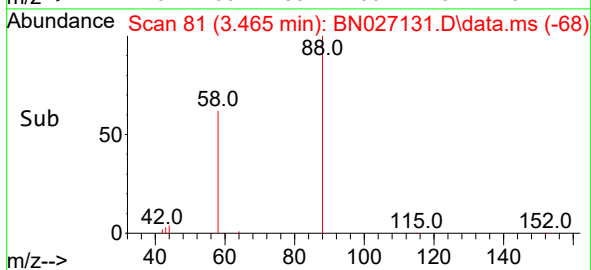
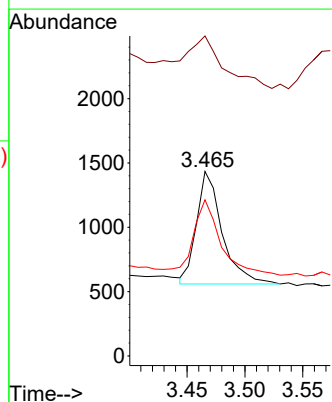
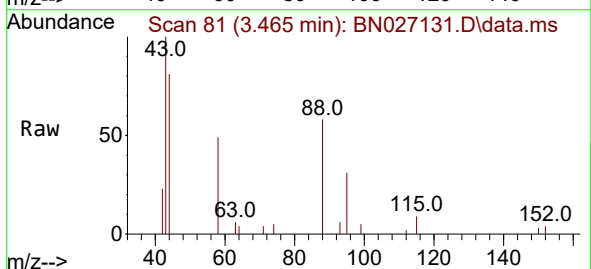


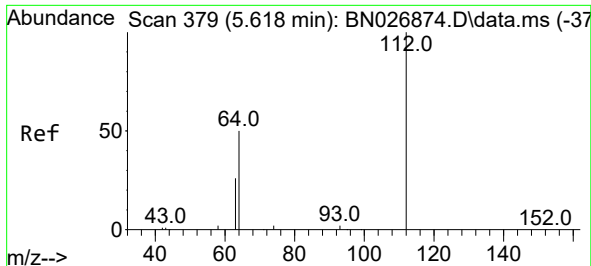
Tgt Ion: 152 Resp: 12428
 Ion Ratio Lower Upper
 152 100
 150 152.7 123.8 185.6
 115 57.8 49.7 74.5



#2
 1,4-Dioxane
 Concen: 0.101 ng
 RT: 3.465 min Scan# 81
 Delta R.T. -0.007 min
 Lab File: BN027131.D
 Acq: 25 Aug 2023 22:45

Tgt Ion: 88 Resp: 1353
 Ion Ratio Lower Upper
 88 100
 43 68.1 19.2 28.8#
 58 72.0 54.5 81.7





#4

2-Fluorophenol

Concen: 0.041 ng

RT: 5.603 min Scan# 31

Delta R.T. 0.000 min

Lab File: BN027131.D

Acq: 25 Aug 2023 22:45

Instrument :

BNA_N

ClientSampleId :

MW179D1-20230814

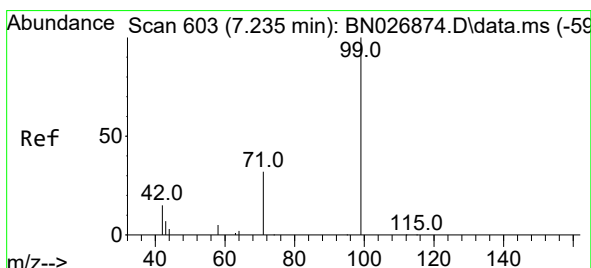
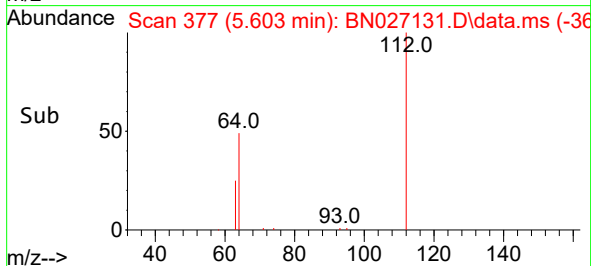
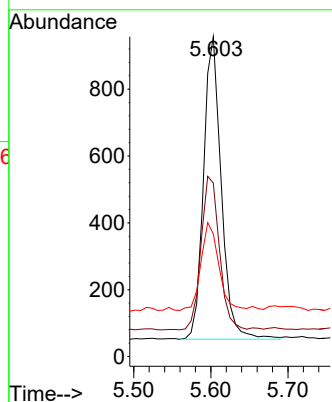
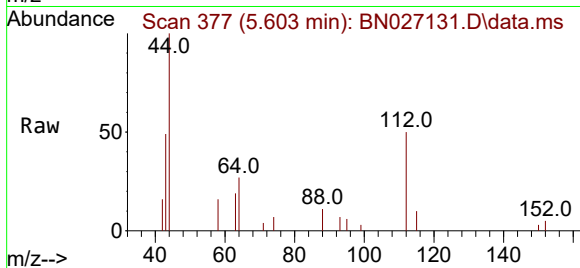
Tgt Ion:112 Resp: 1443

Ion Ratio Lower Upper

112 100

64 52.4 41.5 62.3

63 29.0 21.7 32.5



#5

Phenol-d6

Concen: 0.025 ng

RT: 7.221 min Scan# 601

Delta R.T. 0.000 min

Lab File: BN027131.D

Acq: 25 Aug 2023 22:45

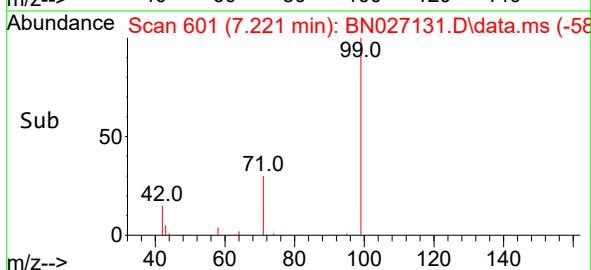
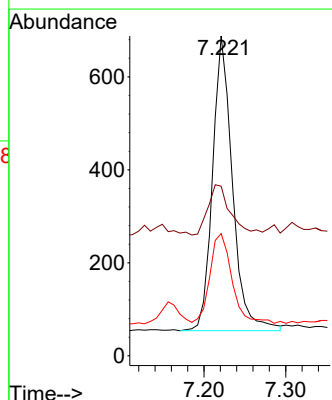
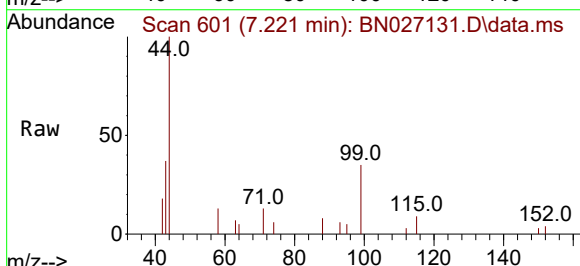
Tgt Ion: 99 Resp: 1074

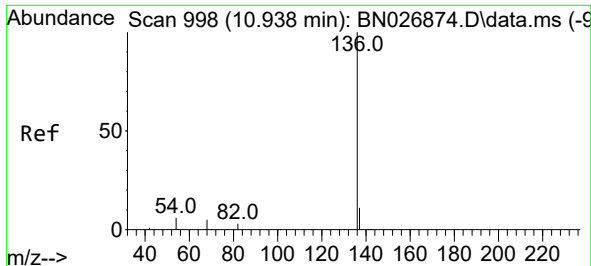
Ion Ratio Lower Upper

99 100

42 19.3 13.6 20.4

71 33.5 26.0 39.0

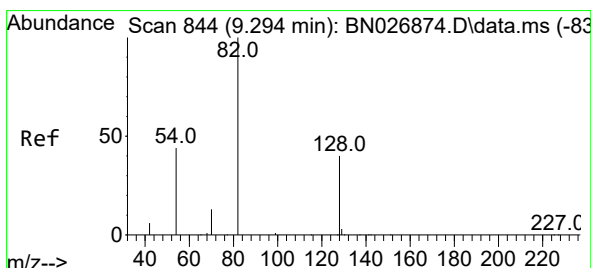
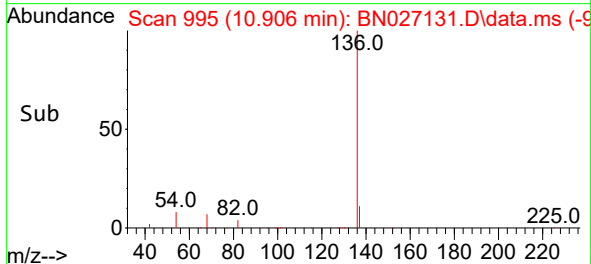
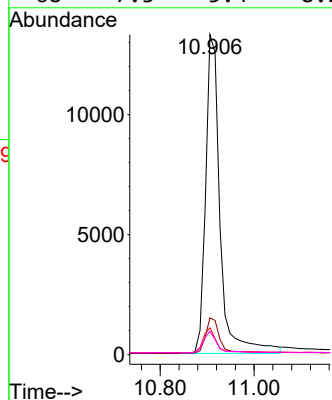
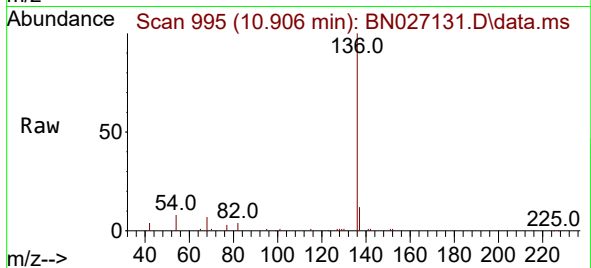




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.906 min Scan# 998
Delta R.T. 0.000 min
Lab File: BN027131.D
Acq: 25 Aug 2023 22:45

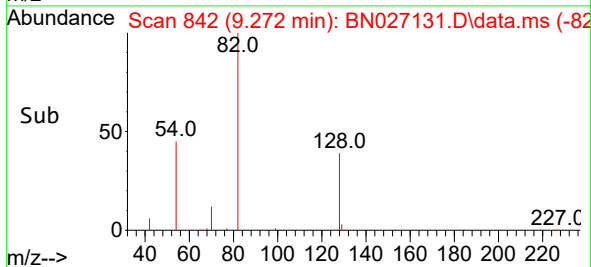
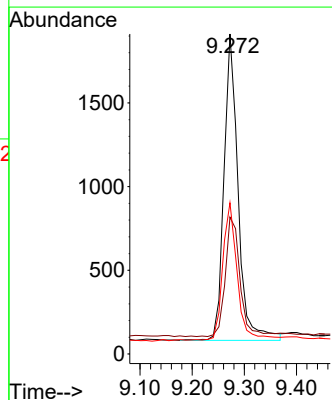
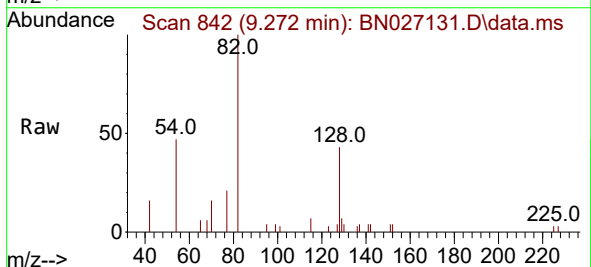
Instrument :
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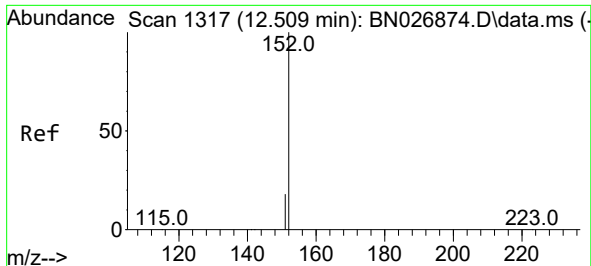
Tgt Ion:	136	Resp:	28377
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.6
54	8.4	5.5	8.3
68	7.3	5.4	8.2



#8
Nitrobenzene-d5
Concen: 0.144 ng
RT: 9.272 min Scan# 842
Delta R.T. 0.000 min
Lab File: BN027131.D
Acq: 25 Aug 2023 22:45

Tgt Ion:	82	Resp:	3457
Ion	Ratio	Lower	Upper
82	100		
128	42.8	34.1	51.1
54	47.3	37.0	55.4

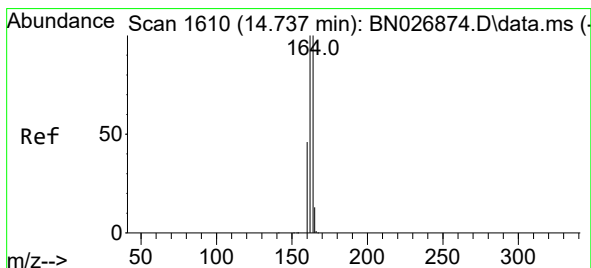
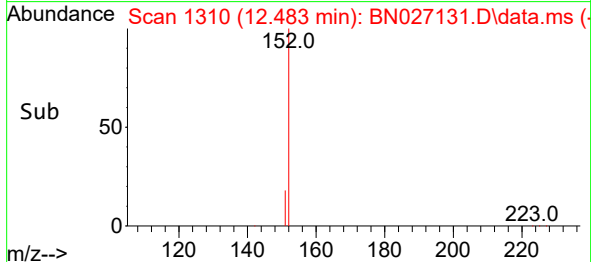
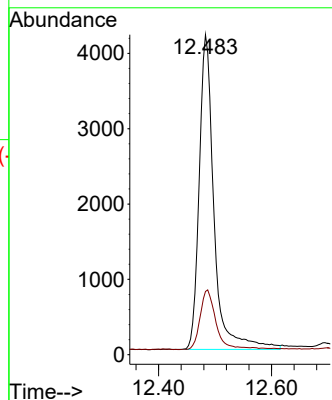
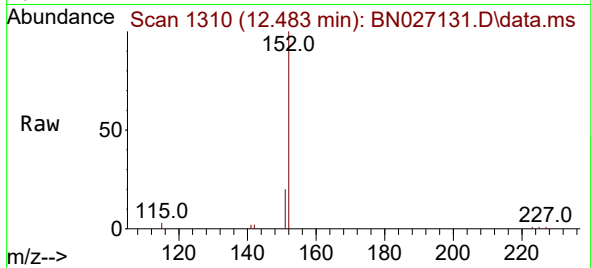




#11
2-Methylnaphthalene-d10
Concen: 0.169 ng
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN027131.D
Acq: 25 Aug 2023 22:45

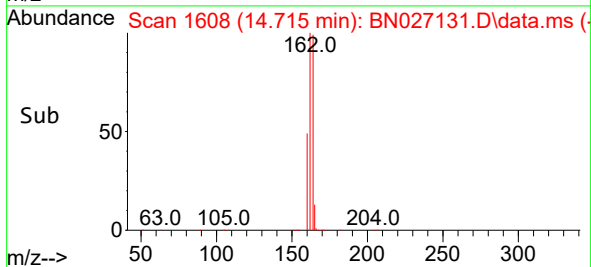
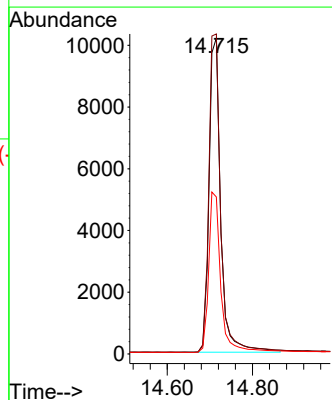
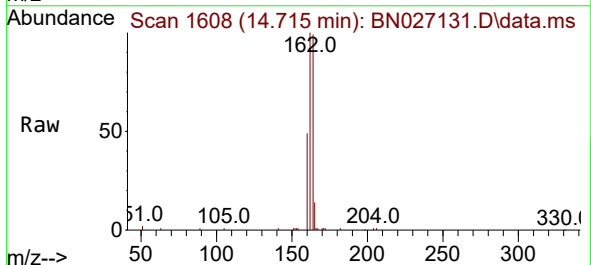
Instrument :
BNA_N
ClientSampleId :
MW179D1-20230814

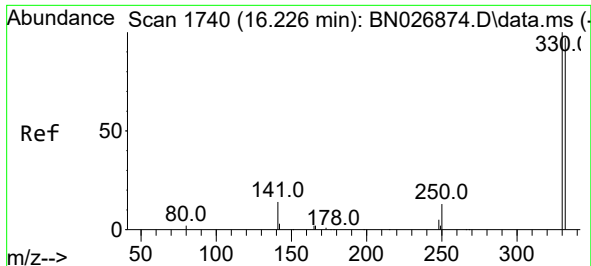
Tgt Ion:152 Resp: 7611
Ion Ratio Lower Upper
152 100
151 20.2 16.3 24.5



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.715 min Scan# 1608
Delta R.T. 0.011 min
Lab File: BN027131.D
Acq: 25 Aug 2023 22:45

Tgt Ion:164 Resp: 19264
Ion Ratio Lower Upper
164 100
162 101.3 79.7 119.5
160 49.7 37.4 56.0

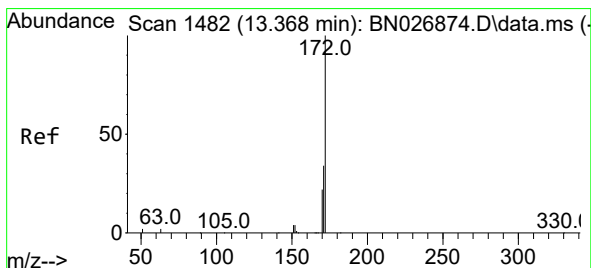
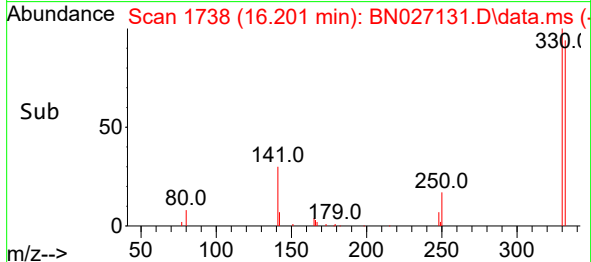
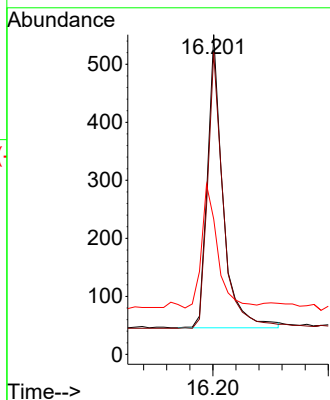
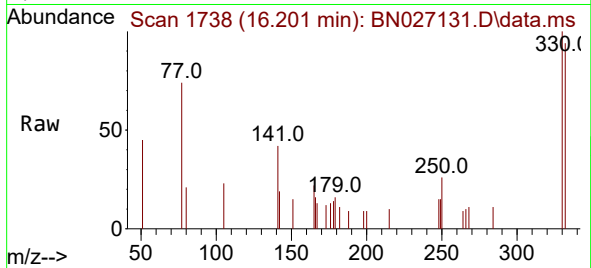




#14
2,4,6-Tribromophenol
Concen: 0.091 ng
RT: 16.201 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN027131.D
Acq: 25 Aug 2023 22:45

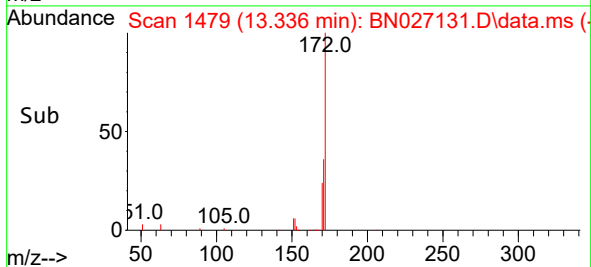
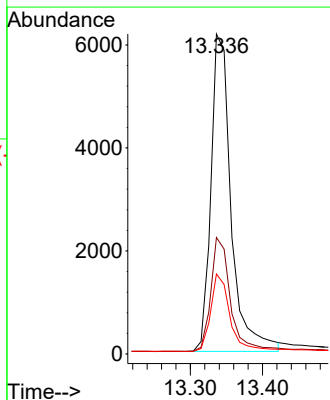
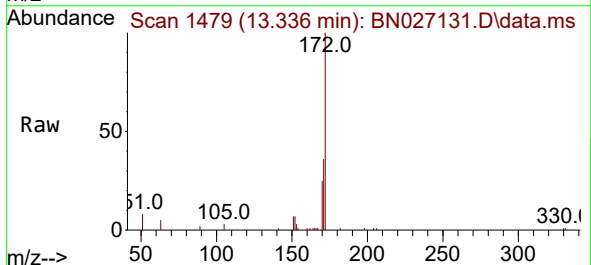
Instrument :
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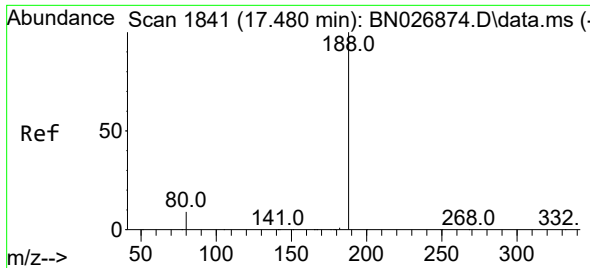
Tgt Ion:330 Resp: 938
Ion Ratio Lower Upper
330 100
332 95.7 76.6 114.8
141 43.8 32.3 48.5



#15
2-Fluorobiphenyl
Concen: 0.168 ng
RT: 13.336 min Scan# 1479
Delta R.T. 0.000 min
Lab File: BN027131.D
Acq: 25 Aug 2023 22:45

Tgt Ion:172 Resp: 11994
Ion Ratio Lower Upper
172 100
171 36.4 27.4 41.0
170 25.0 18.0 27.0

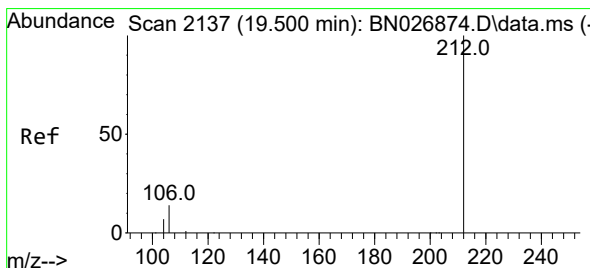
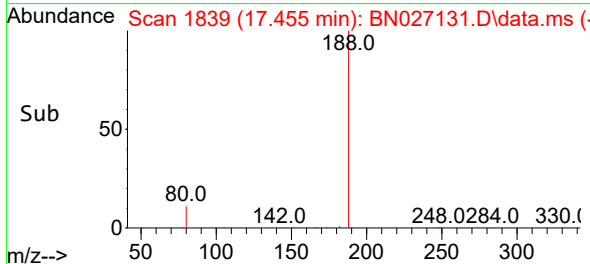
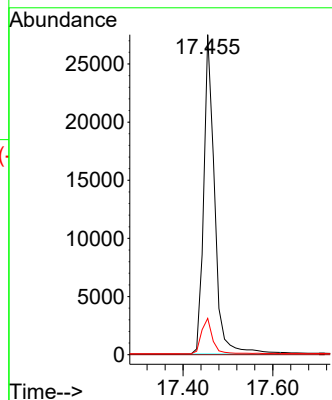
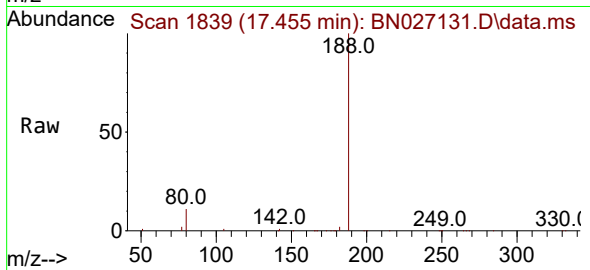




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.455 min Scan# 1839
Delta R.T. 0.000 min
Lab File: BN027131.D
Acq: 25 Aug 2023 22:45

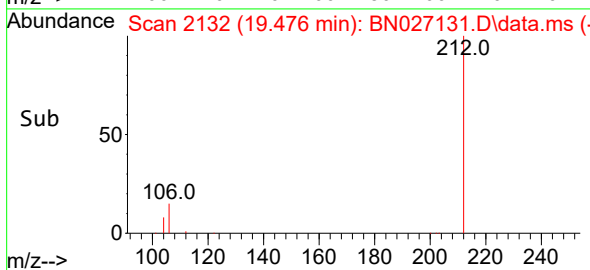
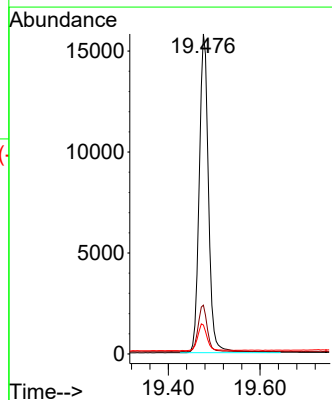
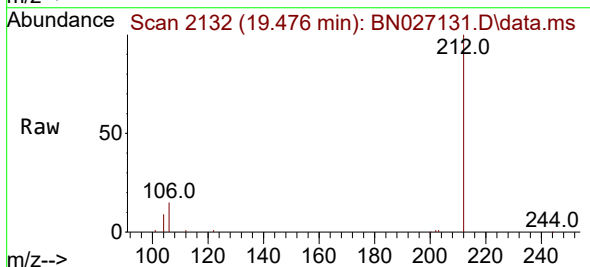
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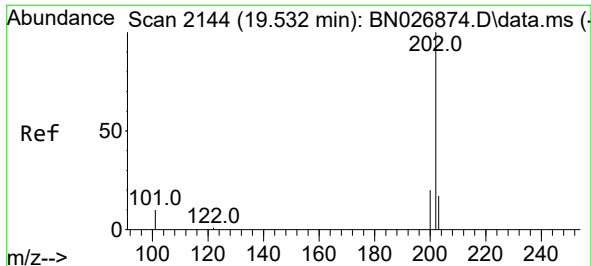
Tgt Ion:188 Resp: 46199
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.4 7.4 11.2#



#27
Fluoranthene-d10
Concen: 0.187 ng
RT: 19.476 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BN027131.D
Acq: 25 Aug 2023 22:45

Tgt Ion:212 Resp: 22191
Ion Ratio Lower Upper
212 100
106 14.6 10.9 16.3
104 8.5 5.9 8.9

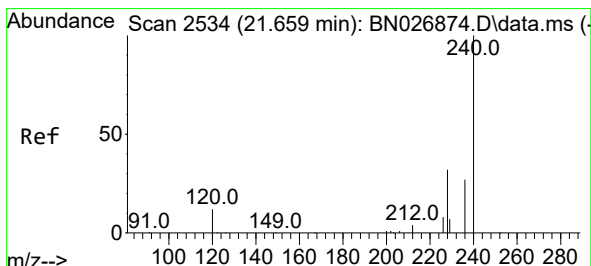
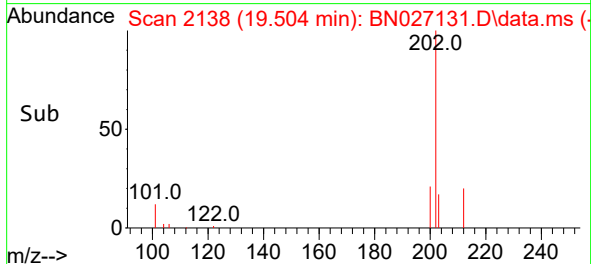
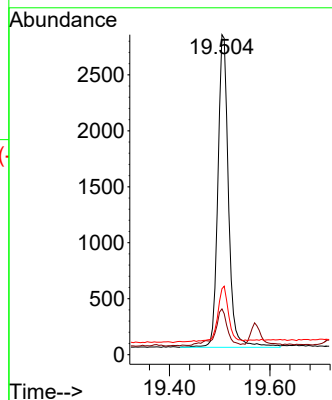
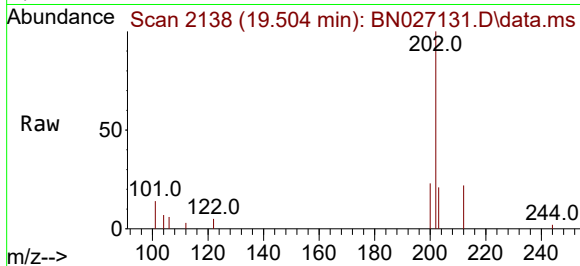




#28
Fluoranthene
Concen: 0.026 ng
RT: 19.504 min Scan# 2144
Delta R.T. -0.005 min
Lab File: BN027131.D
Acq: 25 Aug 2023 22:45

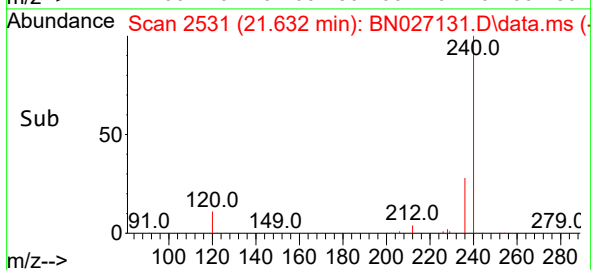
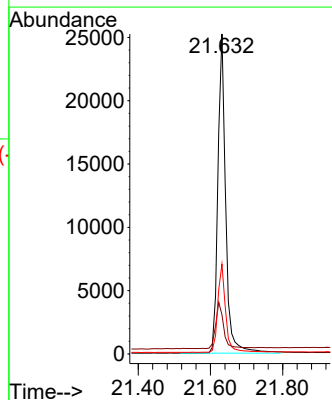
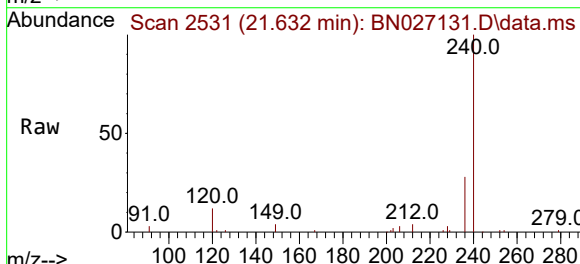
Instrument :
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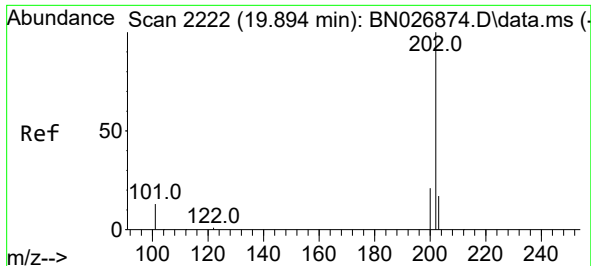
Tgt Ion:202 Resp: 4098
Ion Ratio Lower Upper
202 100
101 13.1 8.9 13.3
203 16.7 13.7 20.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.632 min Scan# 2531
Delta R.T. -0.000 min
Lab File: BN027131.D
Acq: 25 Aug 2023 22:45

Tgt Ion:240 Resp: 38130
Ion Ratio Lower Upper
240 100
120 12.3 11.1 16.7
236 28.0 22.2 33.2

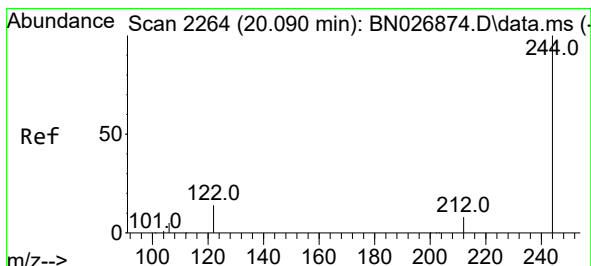
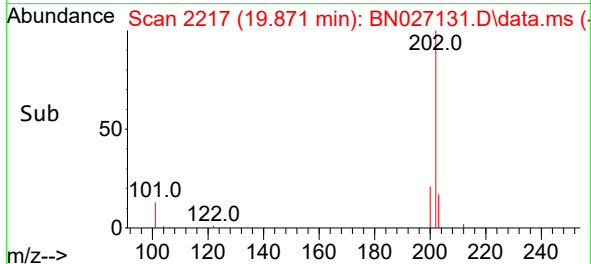
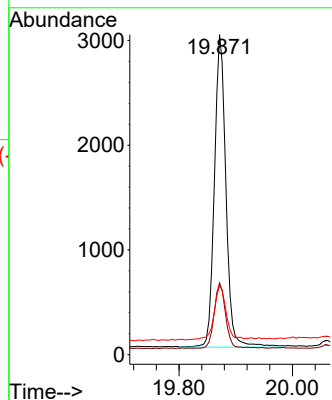
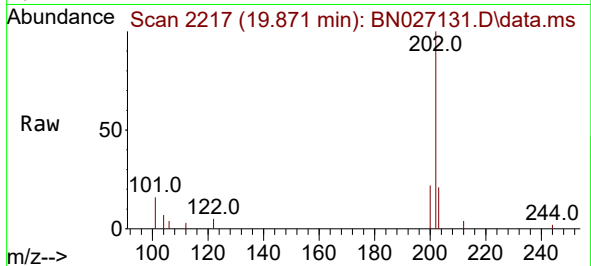




#30
Pyrene
Concen: 0.029 ng
RT: 19.871 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN027131.D
Acq: 25 Aug 2023 22:45

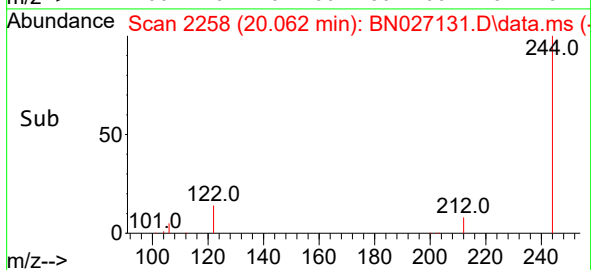
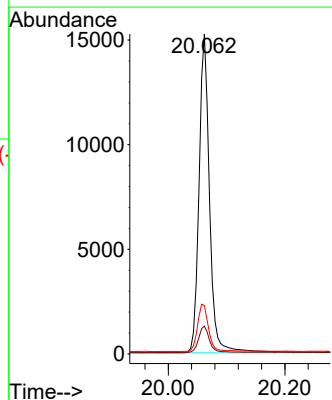
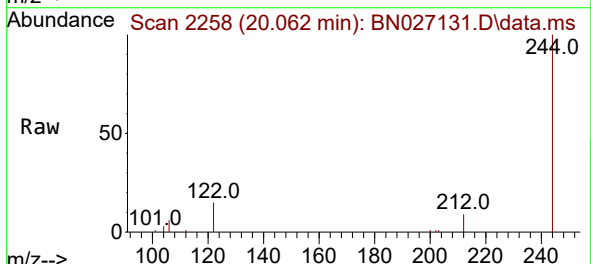
Instrument :
BNA_N
ClientSampleId :
MW179D1-20230814

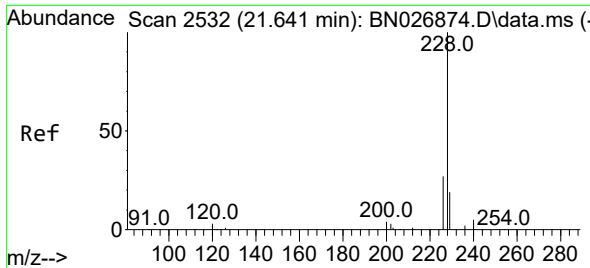
Tgt Ion:202 Resp: 4200
Ion Ratio Lower Upper
202 100
200 20.7 16.6 25.0
203 17.9 14.4 21.6



#31
Terphenyl-d14
Concen: 0.239 ng
RT: 20.062 min Scan# 2258
Delta R.T. 0.000 min
Lab File: BN027131.D
Acq: 25 Aug 2023 22:45

Tgt Ion:244 Resp: 19045
Ion Ratio Lower Upper
244 100
212 8.7 6.9 10.3
122 15.2 11.9 17.9

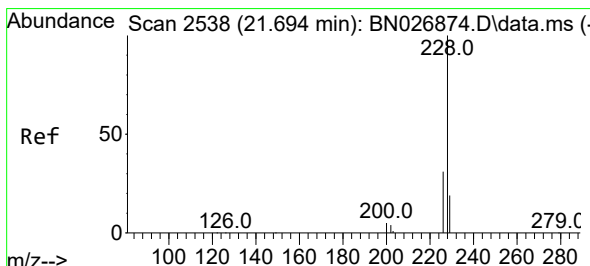
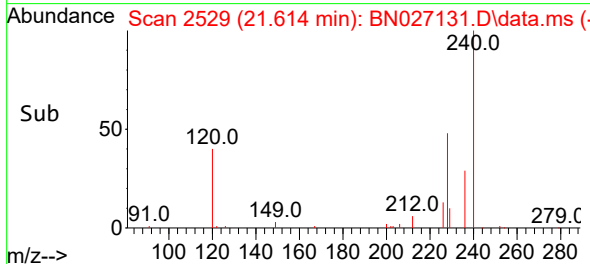
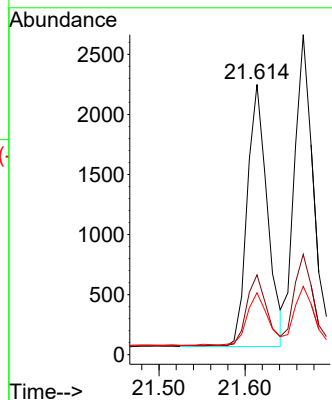
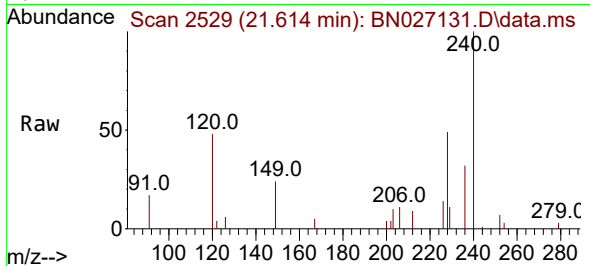




#32
Benzo(a)anthracene
Concen: 0.026 ng
RT: 21.614 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN027131.D
Acq: 25 Aug 2023 22:45

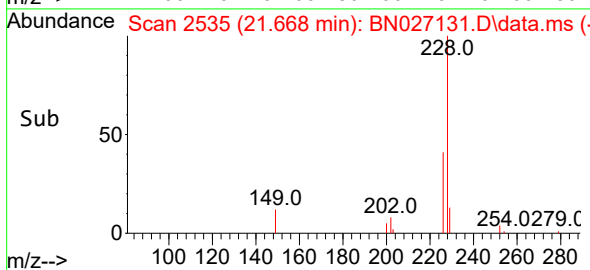
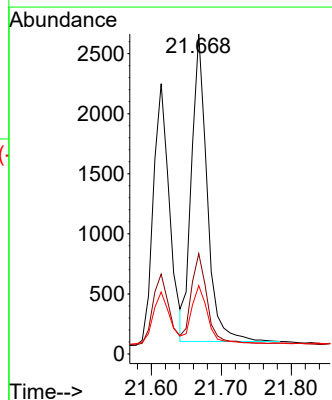
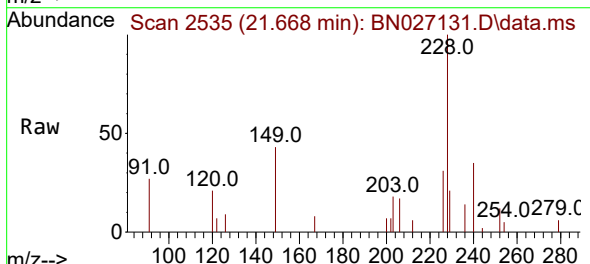
Instrument :
BNA_N
ClientSampleId :
MW179D1-20230814

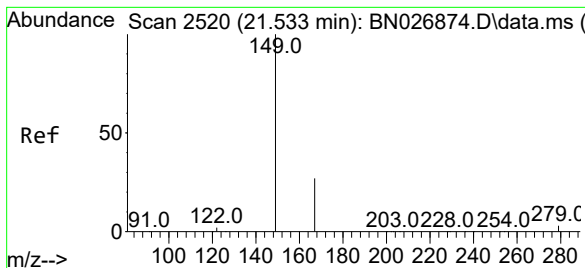
Tgt Ion:228 Resp: 3539
Ion Ratio Lower Upper
228 100
226 29.5 22.1 33.1
229 22.9 15.5 23.3



#33
Chrysene
Concen: 0.029 ng
RT: 21.668 min Scan# 2535
Delta R.T. 0.000 min
Lab File: BN027131.D
Acq: 25 Aug 2023 22:45

Tgt Ion:228 Resp: 3966
Ion Ratio Lower Upper
228 100
226 31.3 24.6 37.0
229 21.4 15.5 23.3

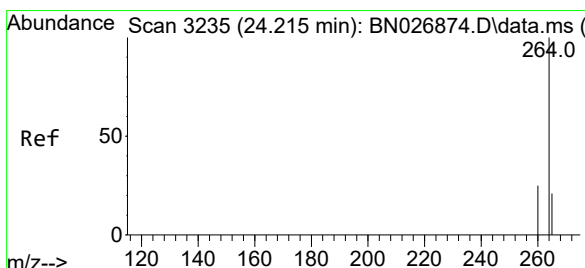
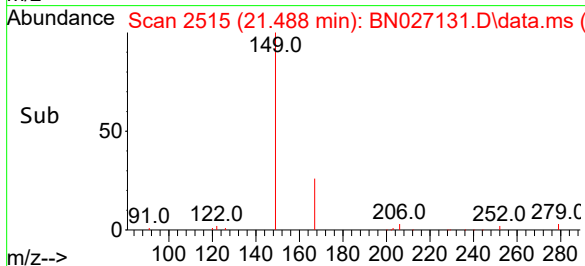
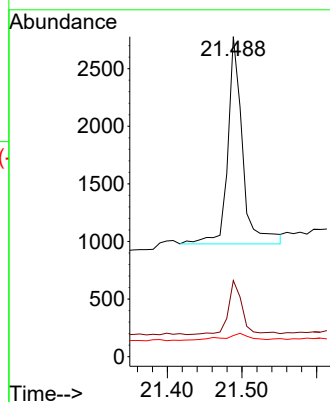
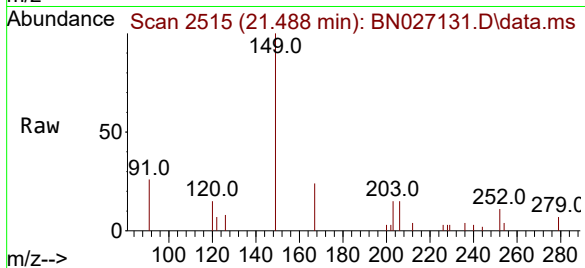




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.025 ng
 RT: 21.488 min Scan# 2119
 Delta R.T. -0.009 min
 Lab File: BN027131.D
 Acq: 25 Aug 2023 22:45

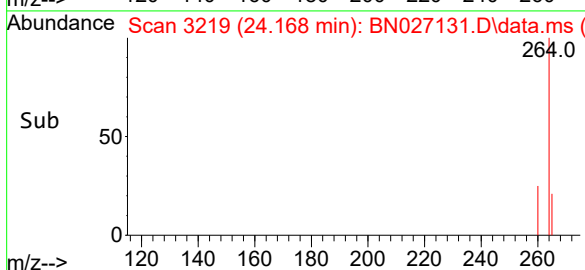
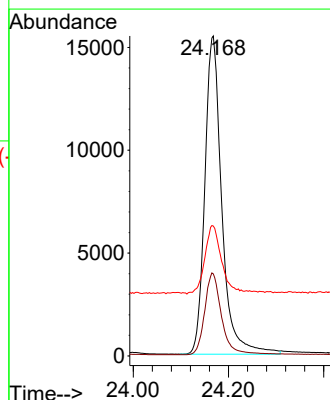
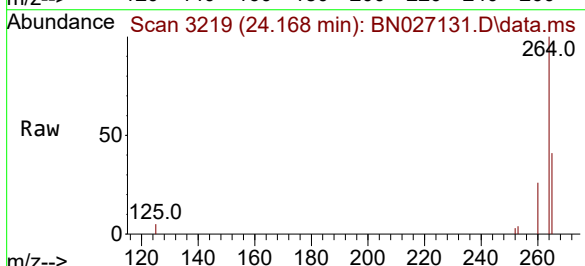
Instrument :
 BNA_N
 ClientSampleId :
 MW179D1-20230814

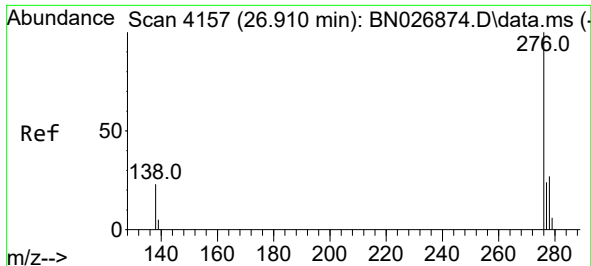
Tgt Ion:149 Resp: 2475
 Ion Ratio Lower Upper
 149 100
 167 25.0 21.4 32.0
 279 5.8 3.6 5.4#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.168 min Scan# 3219
 Delta R.T. -0.003 min
 Lab File: BN027131.D
 Acq: 25 Aug 2023 22:45

Tgt Ion:264 Resp: 38251
 Ion Ratio Lower Upper
 264 100
 260 25.7 20.4 30.6
 265 40.6 27.0 40.6#

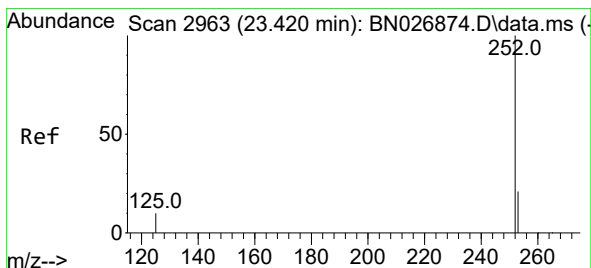
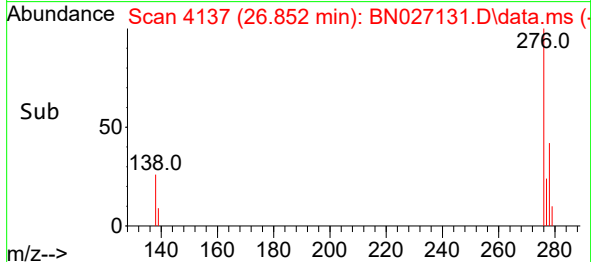
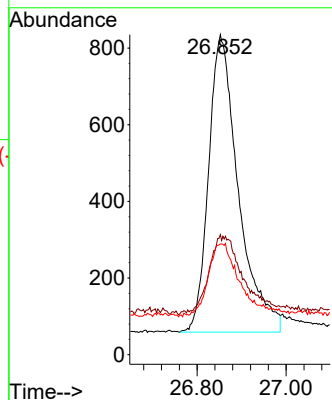
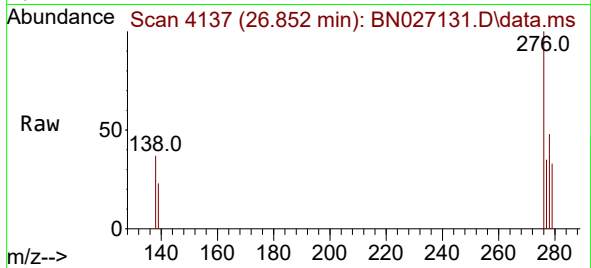




#36
Indeno(1,2,3-cd)pyrene
Concen: 0.023 ng
RT: 26.852 min Scan# 4157
Delta R.T. 0.000 min
Lab File: BN027131.D
Acq: 25 Aug 2023 22:45

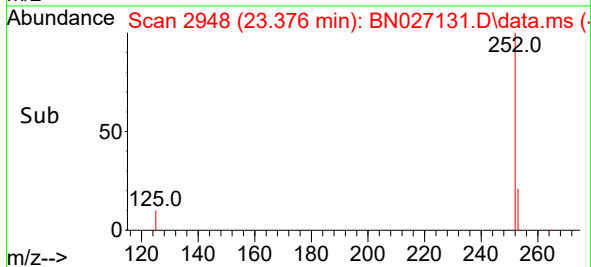
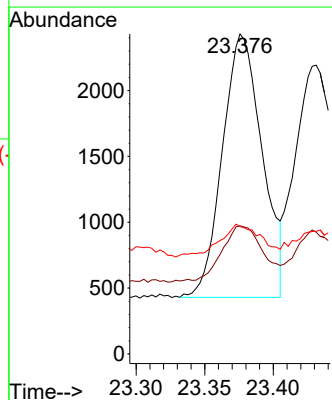
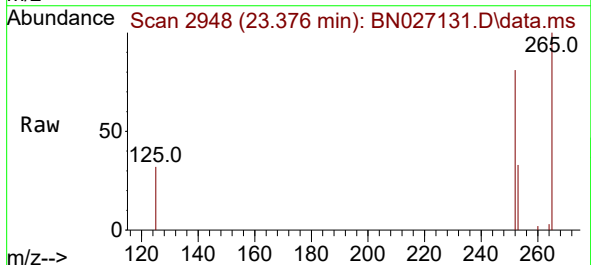
Instrument :
BNA_N
ClientSampleId :
MW179D1-20230814

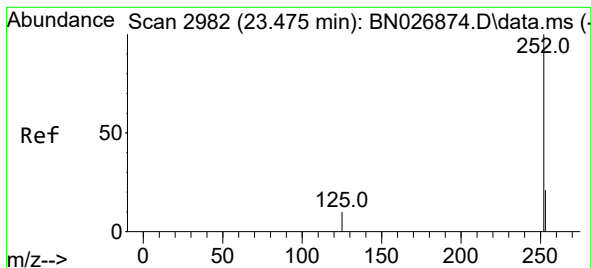
Tgt Ion:276 Resp: 3610
Ion Ratio Lower Upper
276 100
138 11.1 21.1 31.7#
277 24.7 19.9 29.9



#37
Benzo(b)fluoranthene
Concen: 0.032 ng
RT: 23.376 min Scan# 2948
Delta R.T. -0.003 min
Lab File: BN027131.D
Acq: 25 Aug 2023 22:45

Tgt Ion:252 Resp: 4039
Ion Ratio Lower Upper
252 100
253 40.0 18.4 27.6#
125 39.8 10.2 15.2#





#38

Benzo(k)fluoranthene

Concen: 0.029 ng

RT: 23.431 min Scan# 2982

Delta R.T. 0.000 min

Lab File: BN027131.D

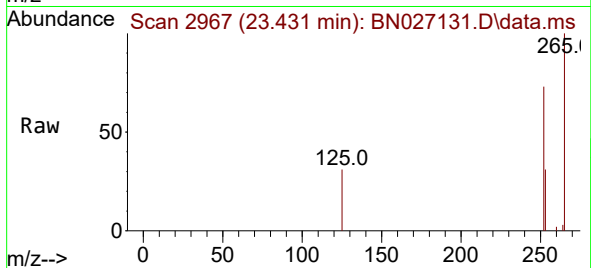
Acq: 25 Aug 2023 22:45

Instrument :

BNA_N

ClientSampleId :

MW179D1-20230814



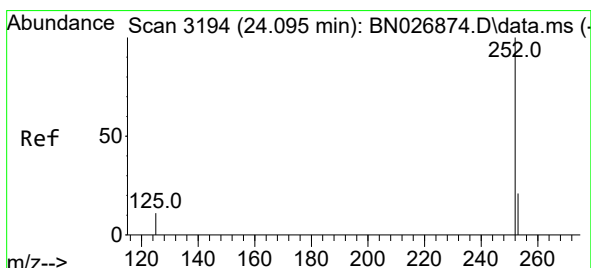
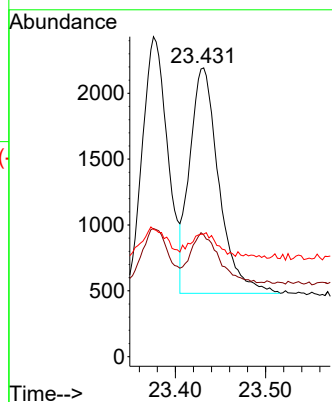
Tgt Ion:252 Resp: 3847

Ion Ratio Lower Upper

252 100

253 42.1 18.4 27.6#

125 42.5 10.2 15.2#



#39

Benzo(a)pyrene

Concen: 0.022 ng

RT: 24.051 min Scan# 3179

Delta R.T. -0.006 min

Lab File: BN027131.D

Acq: 25 Aug 2023 22:45

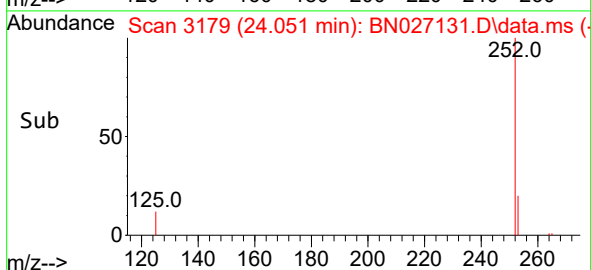
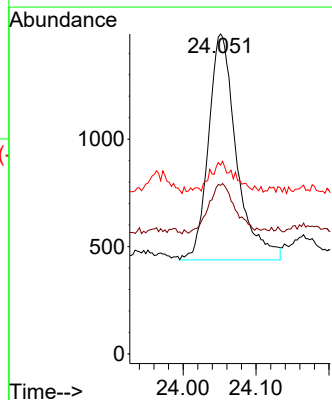
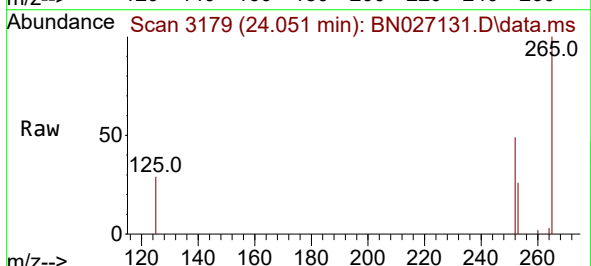
Tgt Ion:252 Resp: 2811

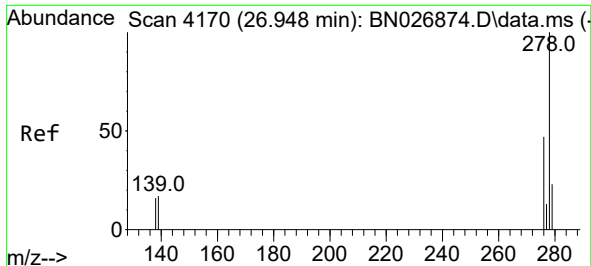
Ion Ratio Lower Upper

252 100

253 52.7 18.6 28.0#

125 59.0 11.7 17.5#

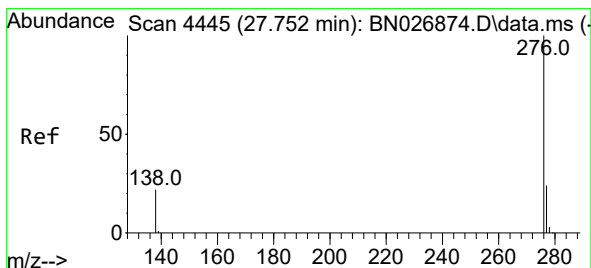
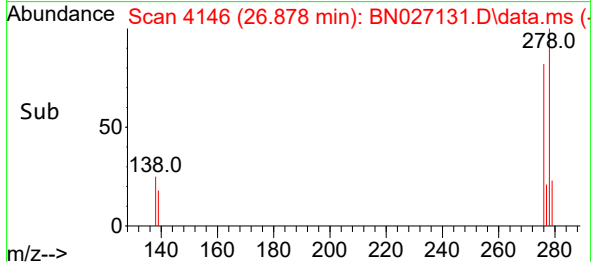
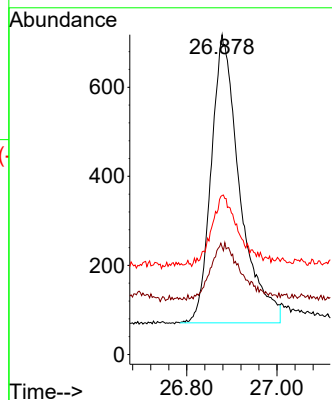
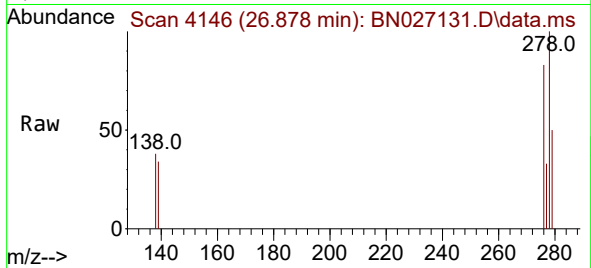




#40
Dibenzo(a,h)anthracene
Concen: 0.023 ng
RT: 26.878 min Scan# 41
Delta R.T. -0.003 min
Lab File: BN027131.D
Acq: 25 Aug 2023 22:45

Instrument :
BNA_N
ClientSampleId :
MW179D1-20230814

Tgt Ion:278 Resp: 2835
Ion Ratio Lower Upper
278 100
139 33.6 15.3 22.9#
279 49.7 19.9 29.9#



#41
Benzo(g,h,i)perylene
Concen: 0.025 ng
RT: 27.682 min Scan# 4421
Delta R.T. -0.006 min
Lab File: BN027131.D
Acq: 25 Aug 2023 22:45

Tgt Ion:276 Resp: 3379
Ion Ratio Lower Upper
276 100
277 33.1 19.8 29.8#
138 36.0 19.0 28.4#

