

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022324\
 Data File : BN029978.D
 Acq On : 24 Feb 2024 05:17
 Operator : MA/JU
 Sample : P1507-14
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE131D1-20240214

Quant Time: Feb 24 06:00:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 23:52:05 2024
 Response via : Initial Calibration

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

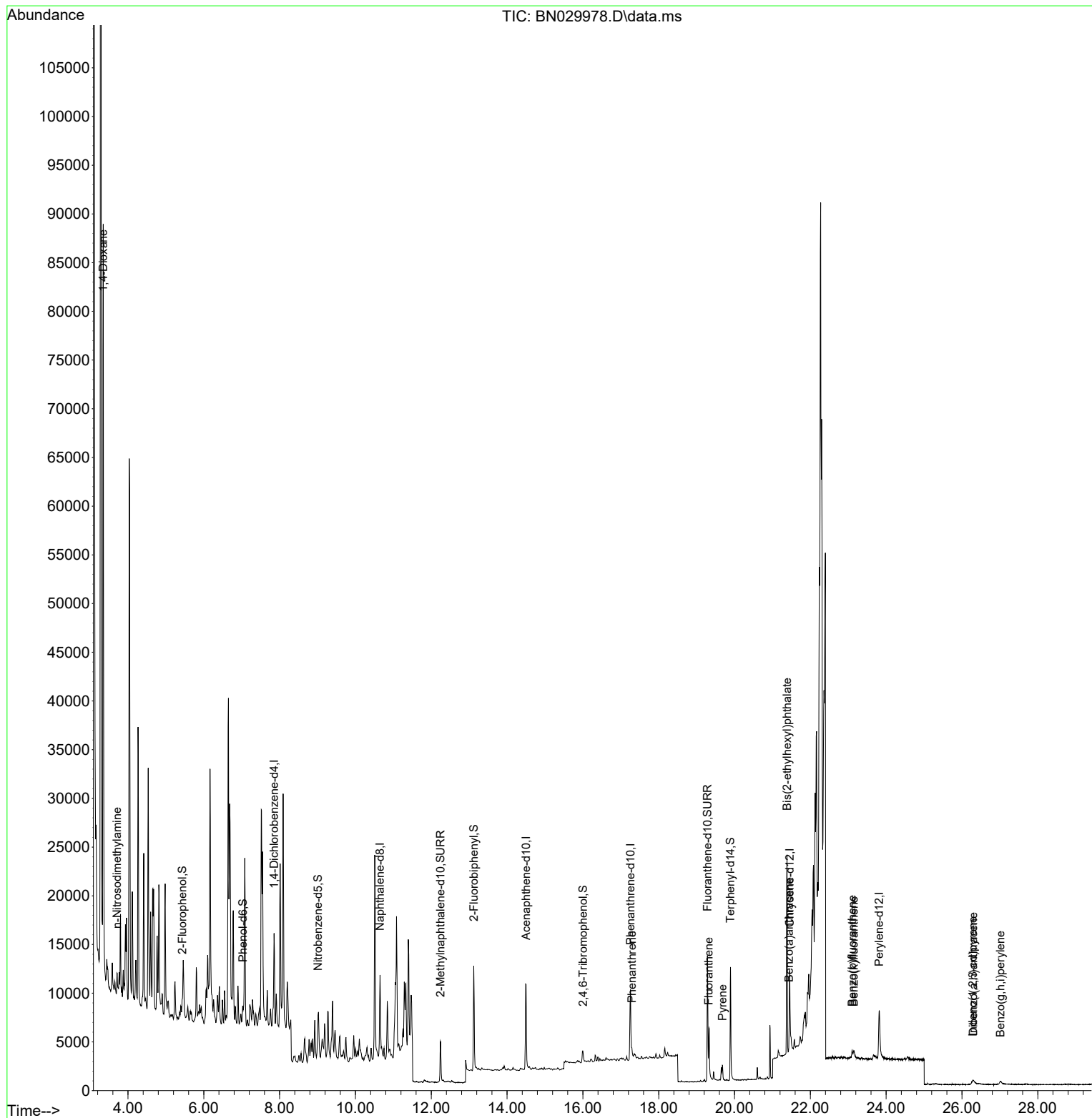
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	4481	0.400	ng	-0.01
7) Naphthalene-d8	10.648	136	12145	0.400	ng	#-0.02
13) Acenaphthene-d10	14.500	164	6215	0.400	ng	-0.01
19) Phenanthrene-d10	17.255	188	12377	0.400	ng	0.00
29) Chrysene-d12	21.456	240	9955	0.400	ng	# 0.00
35) Perylene-d12	23.815	264	9299	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.435	112	1482	0.138	ng	0.00
5) Phenol-d6	7.031	99	1487	0.120	ng	0.00
8) Nitrobenzene-d5	9.014	82	4111	0.407	ng	-0.02
11) 2-Methylnaphthalene-d10	12.242	152	6336	0.383	ng	-0.02
14) 2,4,6-Tribromophenol	16.002	330	873	0.438	ng	0.00
15) 2-Fluorobiphenyl	13.121	172	9765	0.366	ng	-0.01
27) Fluoranthene-d10	19.285	212	15830	0.528	ng	-0.01
31) Terphenyl-d14	19.893	244	12524	0.507	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.348	88	45559	7.222	ng	97
3) n-Nitrosodimethylamine	3.709	42	571	0.111	ng	# 1
25) Phenanthrene	17.293	178	824	0.023	ng	# 95
28) Fluoranthene	19.317	202	1035	0.025	ng	# 1
30) Pyrene	19.680	202	1464	0.032	ng	98
32) Benzo(a)anthracene	21.438	228	714	0.021	ng	# 77
34) Bis(2-ethylhexyl)phtha...	21.385	149	20440	0.882	ng	99
36) Indeno(1,2,3-cd)pyrene	26.282	276	818	0.022	ng	# 53
37) Benzo(b)fluoranthene	23.104	252	1129	0.034	ng	# 1
38) Benzo(k)fluoranthene	23.148	252	1090	0.031	ng	# 1
40) Dibenzo(a,h)anthracene	26.300	278	615	0.021	ng	# 1
41) Benzo(g,h,i)perylene	27.016	276	915	0.025	ng	# 49

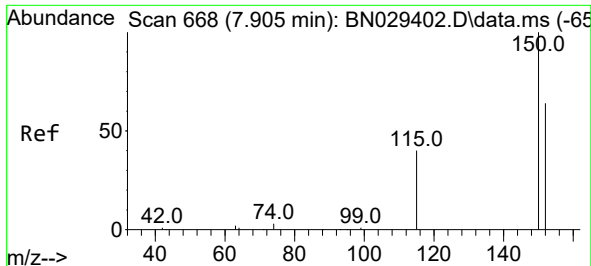
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022324\
Data File : BN029978.D
Acq On : 24 Feb 2024 05:17
Operator : MA/JU
Sample : P1507-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE131D1-20240214

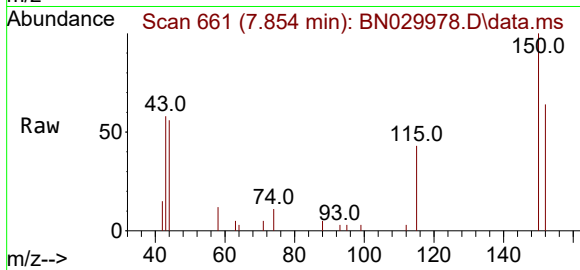
Quant Time: Feb 24 06:00:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 16 23:52:05 2024
Response via : Initial Calibration



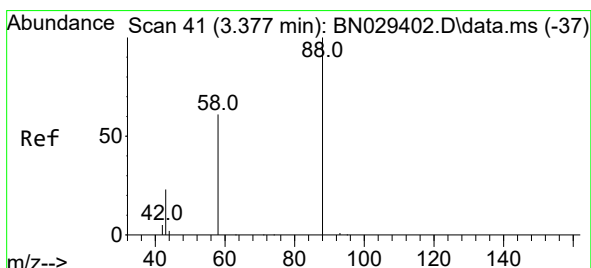
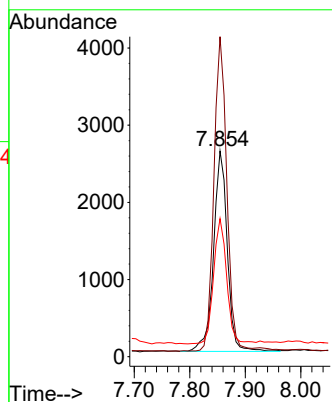
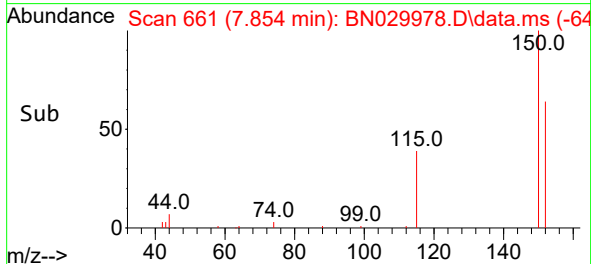


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.854 min Scan# 6
 Delta R.T. -0.015 min
 Lab File: BN029978.D
 Acq: 24 Feb 2024 05:17

Instrument :
 BNA_N
 ClientSampleId :
 RE131D1-20240214

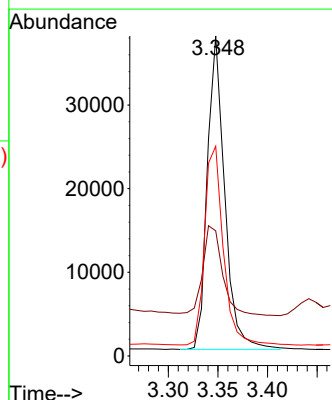
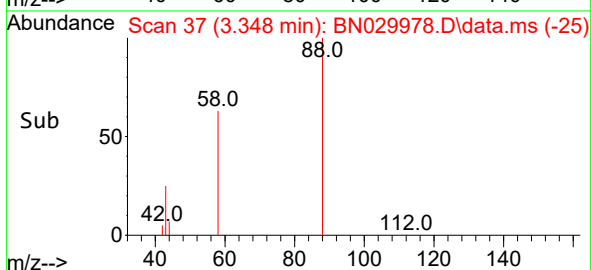
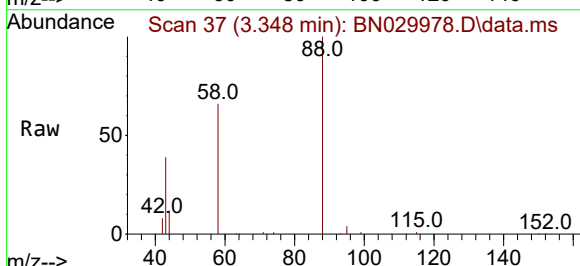


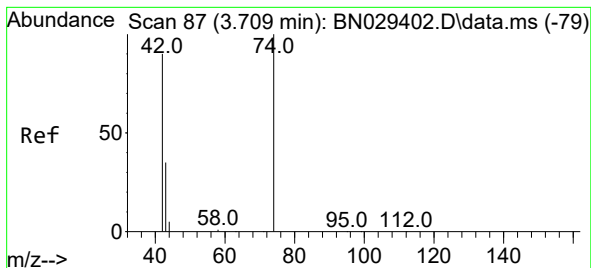
Tgt Ion:152 Resp: 4481
 Ion Ratio Lower Upper
 152 100
 150 155.6 123.0 184.4
 115 67.1 51.4 77.0



#2
 1,4-Dioxane
 Concen: 7.222 ng
 RT: 3.348 min Scan# 37
 Delta R.T. -0.014 min
 Lab File: BN029978.D
 Acq: 24 Feb 2024 05:17

Tgt Ion: 88 Resp: 45559
 Ion Ratio Lower Upper
 88 100
 43 32.9 23.3 34.9
 58 68.0 53.8 80.6





#3

n-Nitrosodimethylamine

Concen: 0.111 ng

RT: 3.709 min Scan# 81

Delta R.T. 0.015 min

Lab File: BN029978.D

Acq: 24 Feb 2024 05:17

Instrument :

BNA_N

ClientSampleId :

RE131D1-20240214

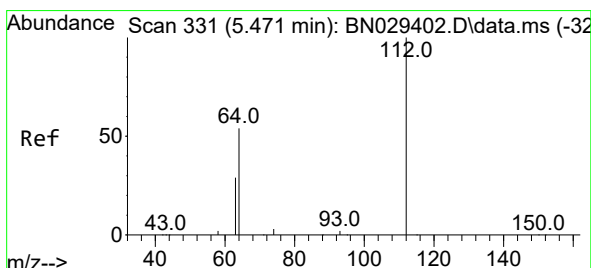
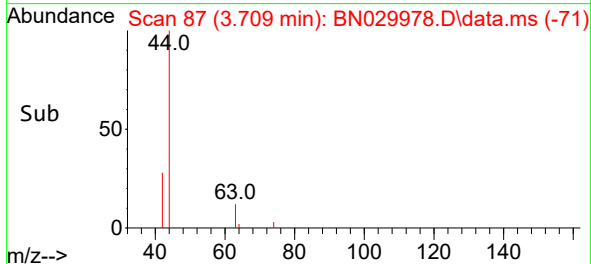
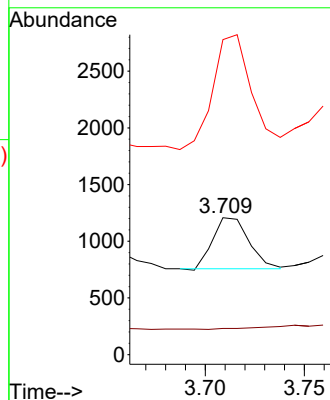
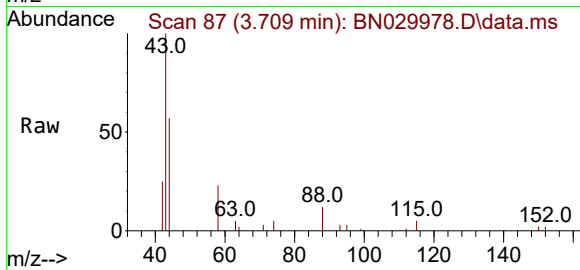
Tgt Ion: 42 Resp: 571

Ion Ratio Lower Upper

42 100

74 0.0 93.7 140.5#

44 242.4 13.0 19.4#



#4

2-Fluorophenol

Concen: 0.138 ng

RT: 5.435 min Scan# 326

Delta R.T. -0.007 min

Lab File: BN029978.D

Acq: 24 Feb 2024 05:17

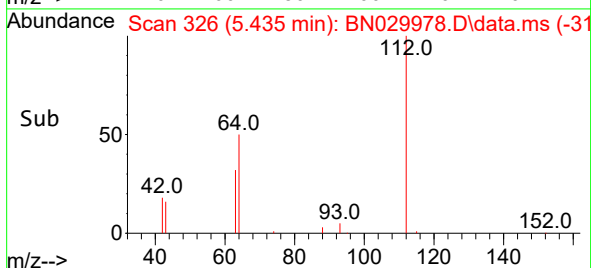
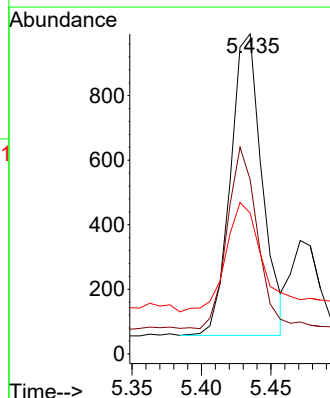
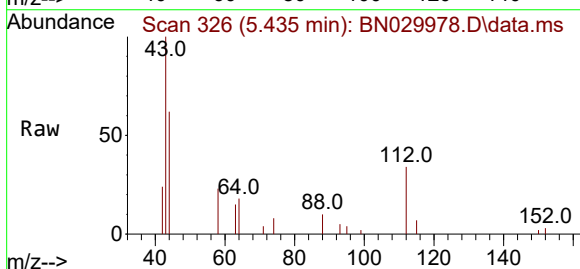
Tgt Ion: 112 Resp: 1482

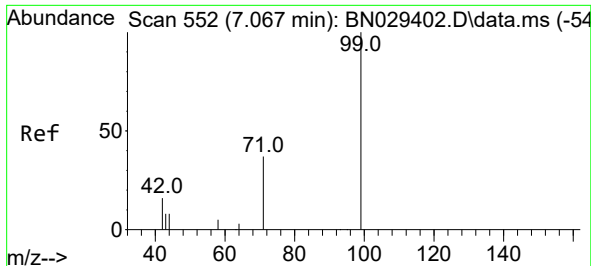
Ion Ratio Lower Upper

112 100

64 58.4 47.2 70.8

63 49.0 25.8 38.6#

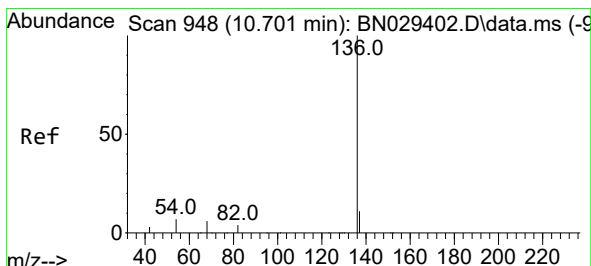
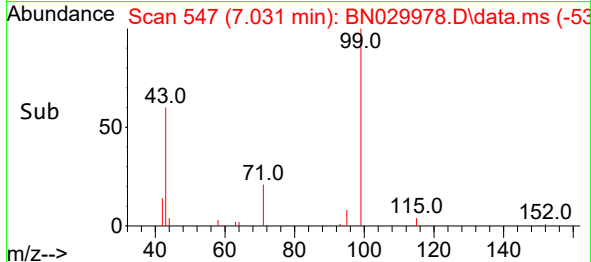
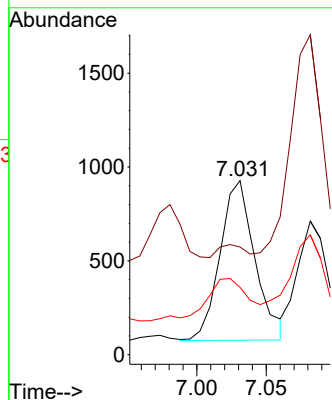
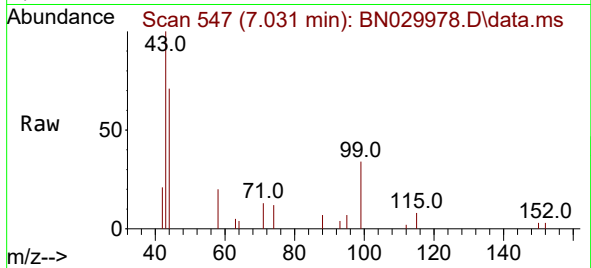




#5
Phenol-d6
Concen: 0.120 ng
RT: 7.031 min Scan# 54
Delta R.T. -0.007 min
Lab File: BN029978.D
Acq: 24 Feb 2024 05:17

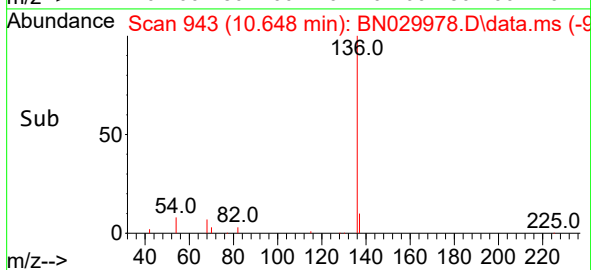
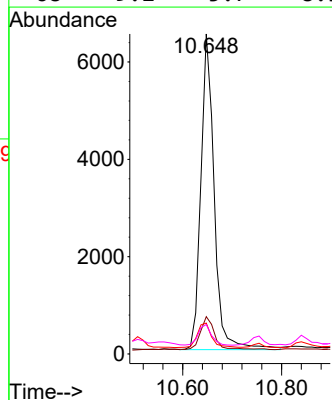
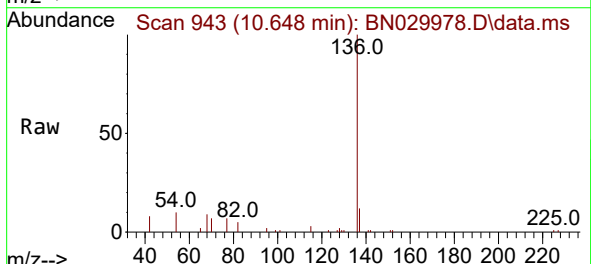
Instrument :
BNA_N
ClientSampleId :
RE131D1-20240214

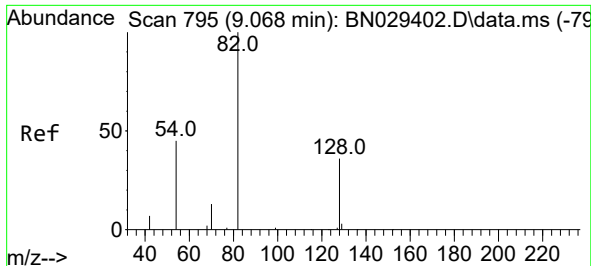
Tgt Ion: 99 Resp: 1487
Ion Ratio Lower Upper
99 100
42 13.2 16.9 25.3#
71 37.3 30.0 45.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 943
Delta R.T. -0.021 min
Lab File: BN029978.D
Acq: 24 Feb 2024 05:17

Tgt Ion: 136 Resp: 12145
Ion Ratio Lower Upper
136 100
137 11.7 9.7 14.5
54 9.7 6.6 10.0
68 9.2 5.7 8.5#

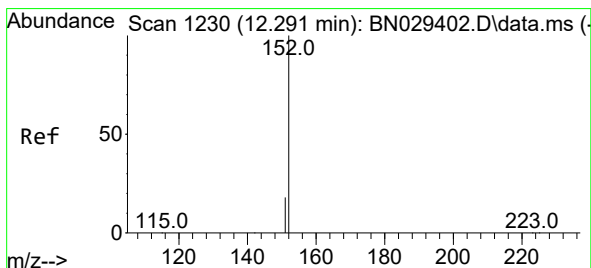
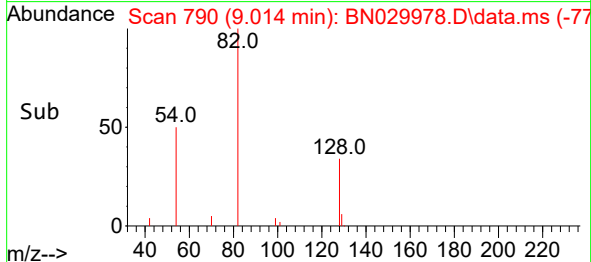
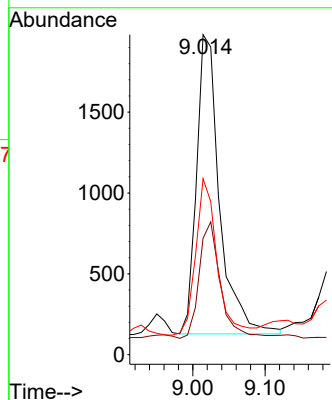
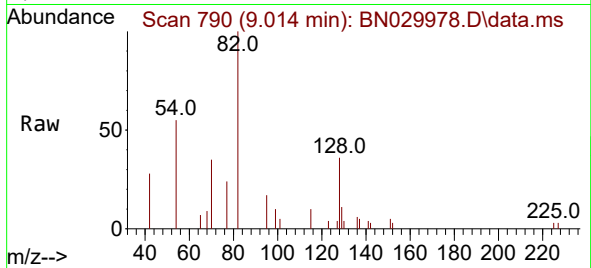




#8
Nitrobenzene-d5
Concen: 0.407 ng
RT: 9.014 min Scan# 79
Delta R.T. -0.021 min
Lab File: BN029978.D
Acq: 24 Feb 2024 05:17

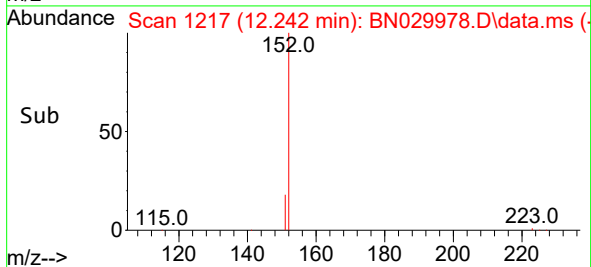
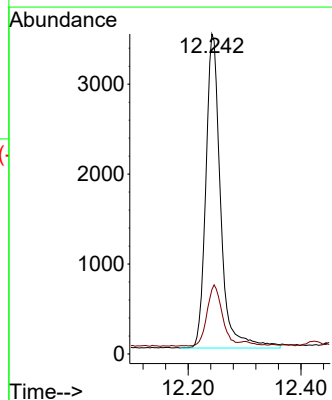
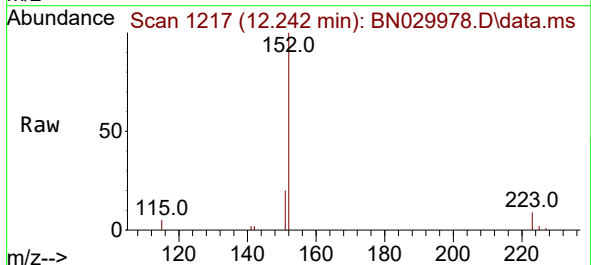
Instrument :
BNA_N
ClientSampleId :
RE131D1-20240214

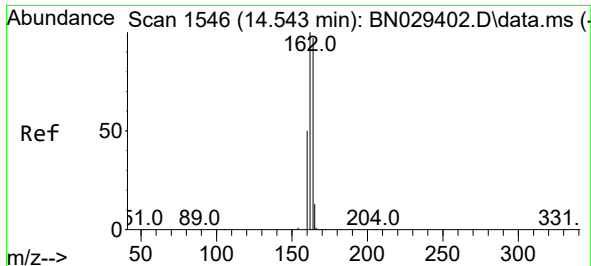
Tgt Ion: 82 Resp: 4111
Ion Ratio Lower Upper
82 100
128 36.4 31.6 47.4
54 55.0 38.2 57.4



#11
2-Methylnaphthalene-d10
Concen: 0.383 ng
RT: 12.242 min Scan# 1217
Delta R.T. -0.015 min
Lab File: BN029978.D
Acq: 24 Feb 2024 05:17

Tgt Ion: 152 Resp: 6336
Ion Ratio Lower Upper
152 100
151 19.9 17.1 25.7

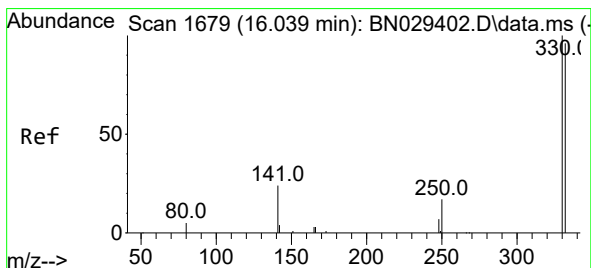
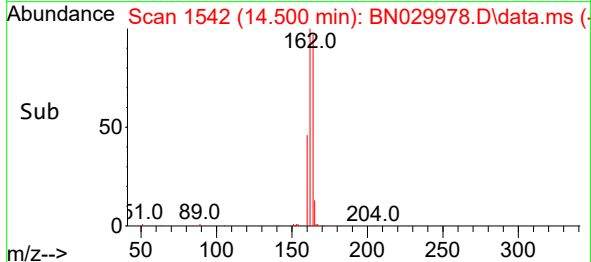
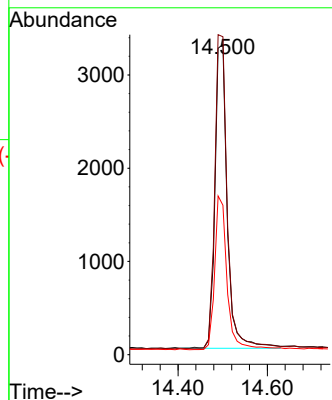
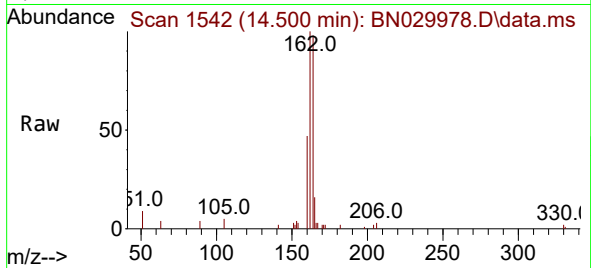




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.500 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN029978.D
Acq: 24 Feb 2024 05:17

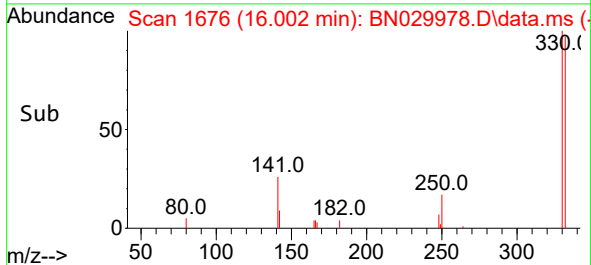
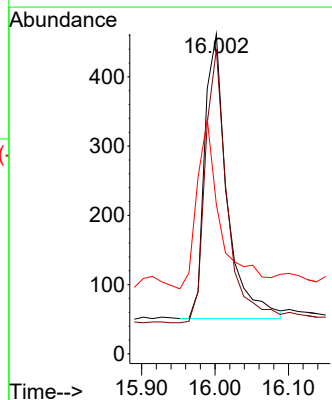
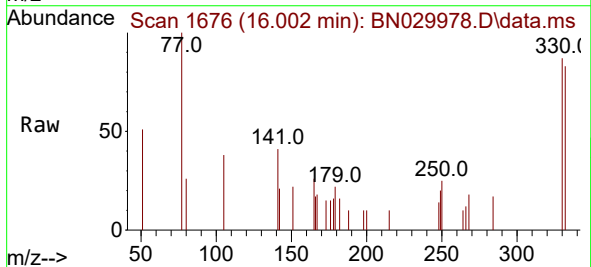
Instrument :
BNA_N
ClientSampleId :
RE131D1-20240214

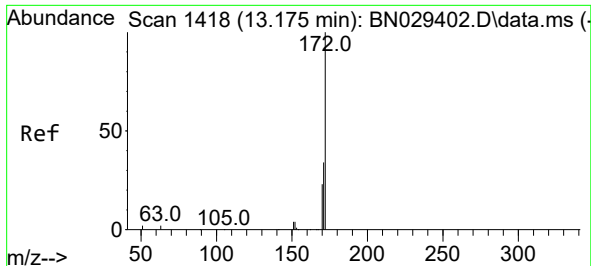
Tgt Ion:164 Resp: 6215
Ion Ratio Lower Upper
164 100
162 102.5 82.6 123.8
160 48.2 41.5 62.3



#14
2,4,6-Tribromophenol
Concen: 0.438 ng
RT: 16.002 min Scan# 1676
Delta R.T. 0.000 min
Lab File: BN029978.D
Acq: 24 Feb 2024 05:17

Tgt Ion:330 Resp: 873
Ion Ratio Lower Upper
330 100
332 95.5 76.0 114.0
141 63.3 43.4 65.2

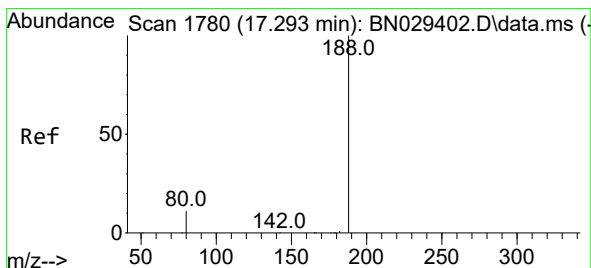
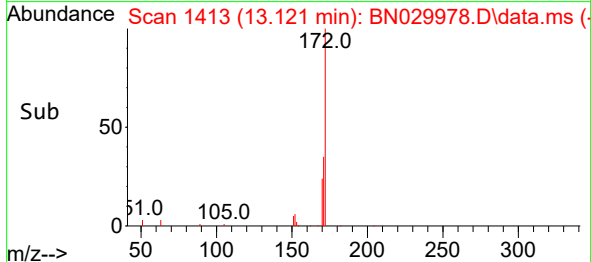
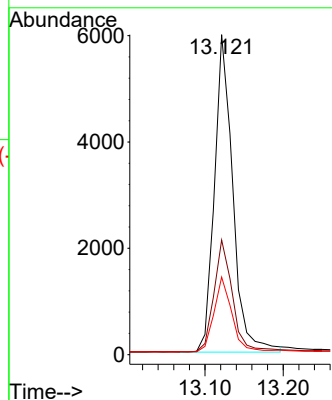
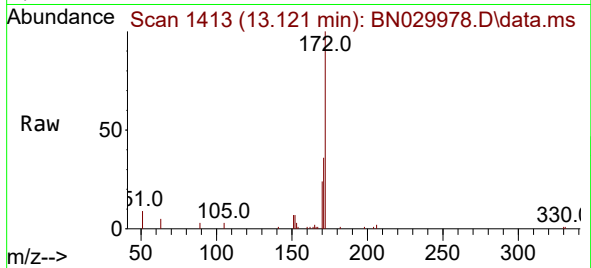




#15
2-Fluorobiphenyl
Concen: 0.366 ng
RT: 13.121 min Scan# 1418
Delta R.T. -0.011 min
Lab File: BN029978.D
Acq: 24 Feb 2024 05:17

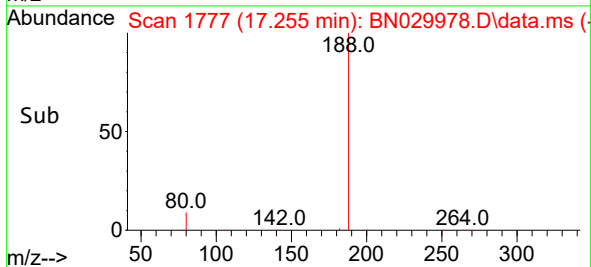
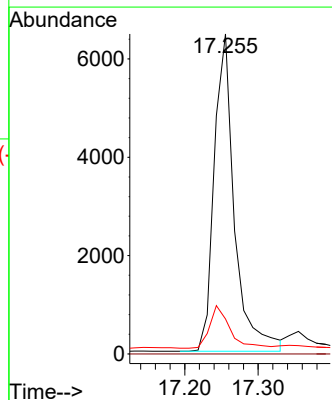
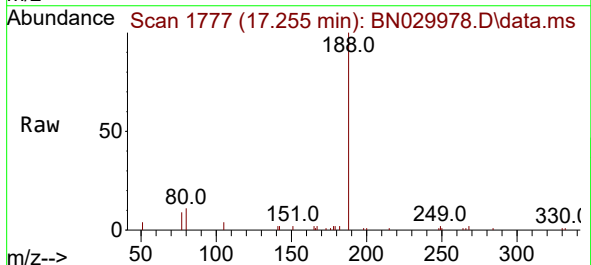
Instrument :
BNA_N
ClientSampleId :
RE131D1-20240214

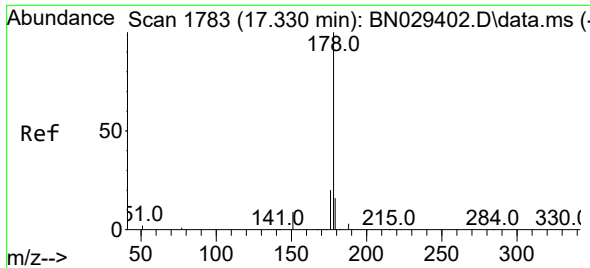
Tgt Ion:172 Resp: 9765
Ion Ratio Lower Upper
172 100
171 35.8 28.0 42.0
170 24.2 18.7 28.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.255 min Scan# 1777
Delta R.T. 0.000 min
Lab File: BN029978.D
Acq: 24 Feb 2024 05:17

Tgt Ion:188 Resp: 12377
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.0 10.0 15.0

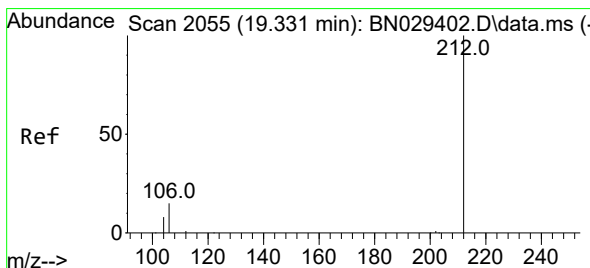
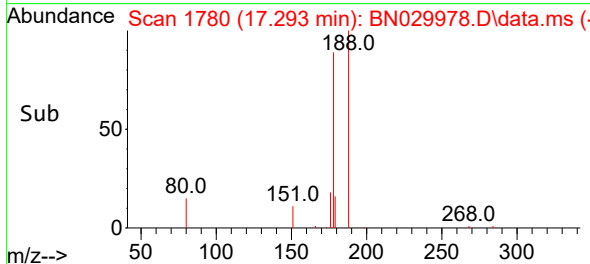
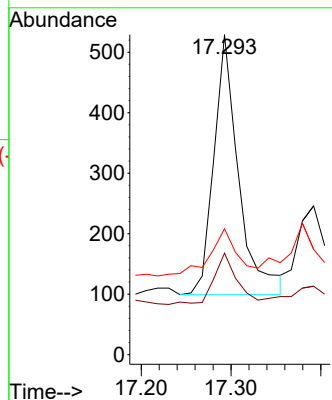
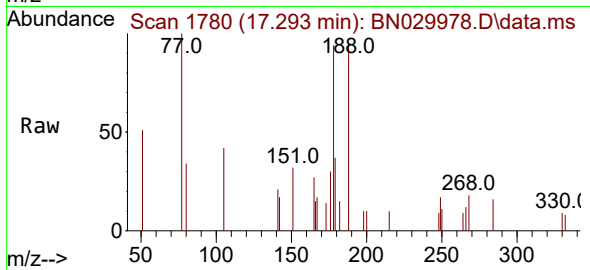




#25
Phenanthrene
Concen: 0.023 ng
RT: 17.293 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN029978.D
Acq: 24 Feb 2024 05:17

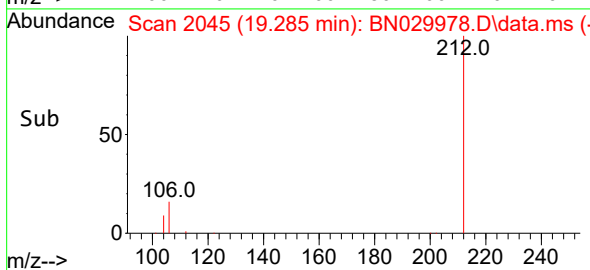
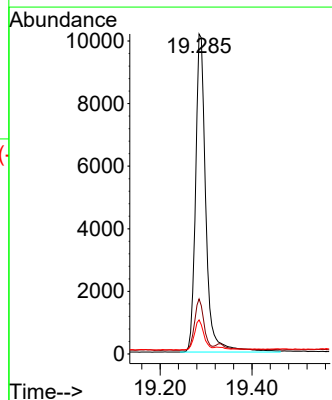
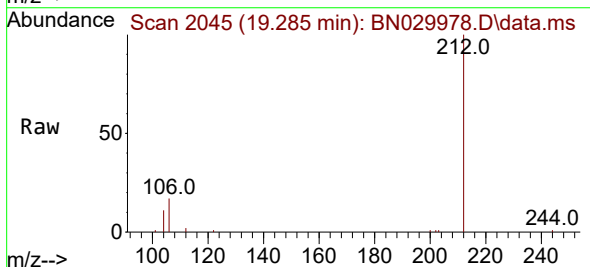
Instrument :
BNA_N
ClientSampleId :
RE131D1-20240214

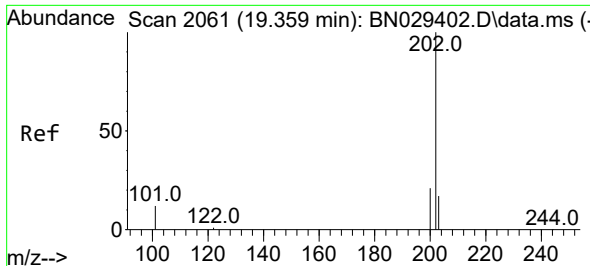
Tgt Ion:178 Resp: 824
Ion Ratio Lower Upper
178 100
176 19.8 15.8 23.6
179 20.6 12.6 19.0#



#27
Fluoranthene-d10
Concen: 0.528 ng
RT: 19.285 min Scan# 2045
Delta R.T. -0.014 min
Lab File: BN029978.D
Acq: 24 Feb 2024 05:17

Tgt Ion:212 Resp: 15830
Ion Ratio Lower Upper
212 100
106 14.8 13.2 19.8
104 8.7 7.7 11.5

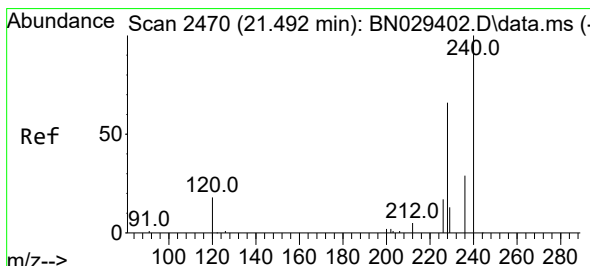
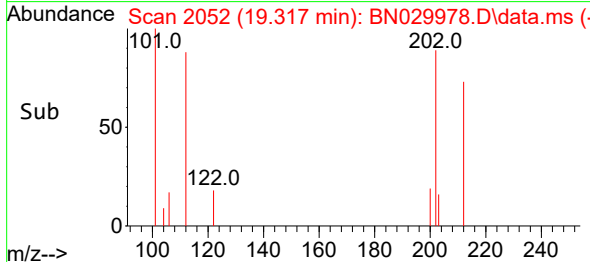
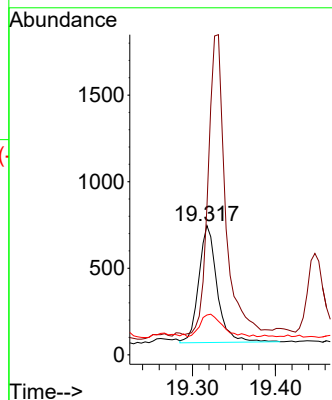
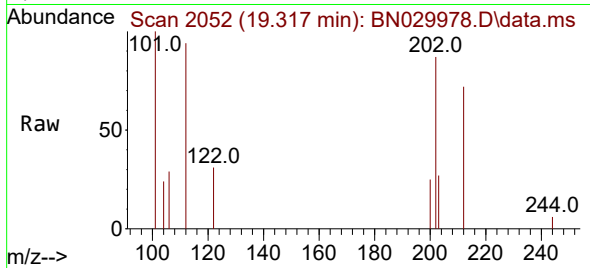




#28
Fluoranthene
Concen: 0.025 ng
RT: 19.317 min Scan# 2061
Delta R.T. -0.009 min
Lab File: BN029978.D
Acq: 24 Feb 2024 05:17

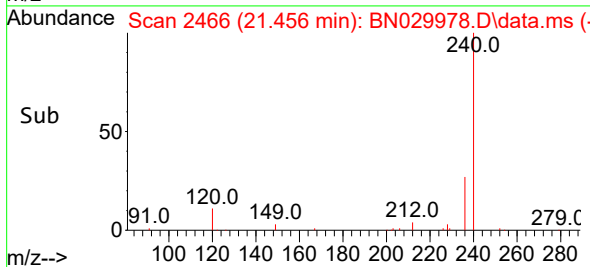
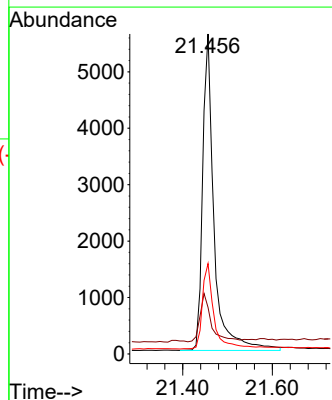
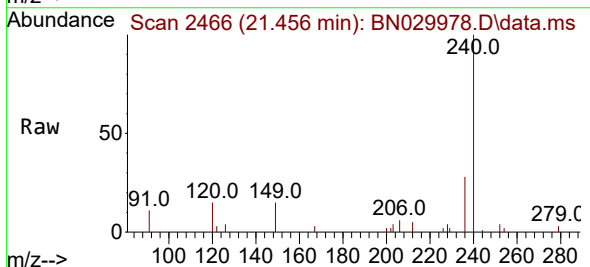
Instrument :
BNA_N
ClientSampleId :
RE131D1-20240214

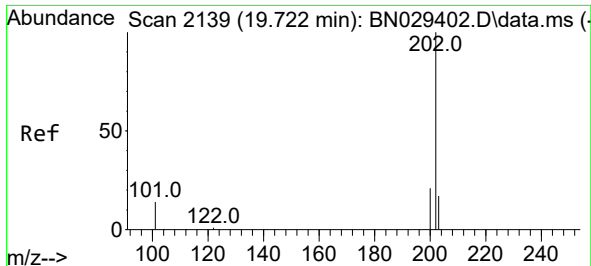
Tgt Ion:202 Resp: 1035
Ion Ratio Lower Upper
202 100
101 243.2 10.5 15.7#
203 24.2 13.5 20.3#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.456 min Scan# 2466
Delta R.T. -0.009 min
Lab File: BN029978.D
Acq: 24 Feb 2024 05:17

Tgt Ion:240 Resp: 9955
Ion Ratio Lower Upper
240 100
120 14.5 16.7 25.1#
236 28.3 23.9 35.9

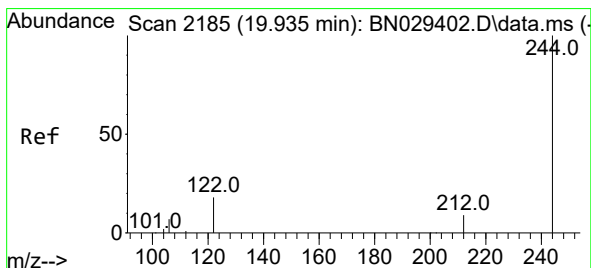
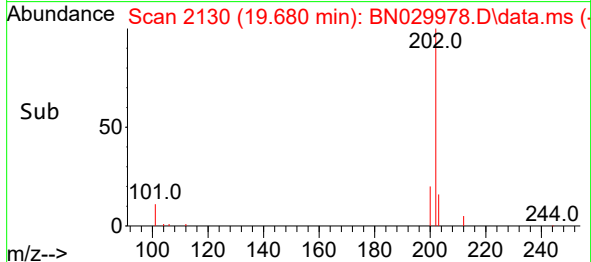
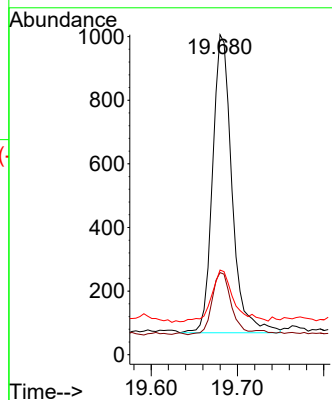
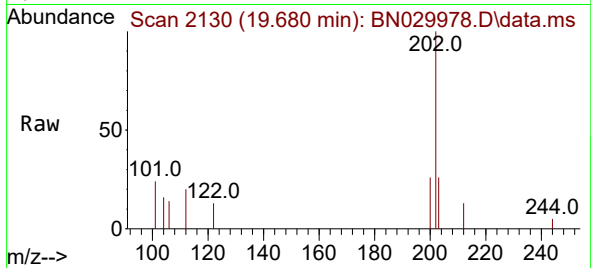




#30
Pyrene
Concen: 0.032 ng
RT: 19.680 min Scan# 2130
Delta R.T. -0.009 min
Lab File: BN029978.D
Acq: 24 Feb 2024 05:17

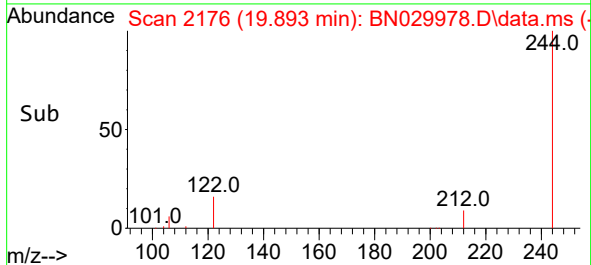
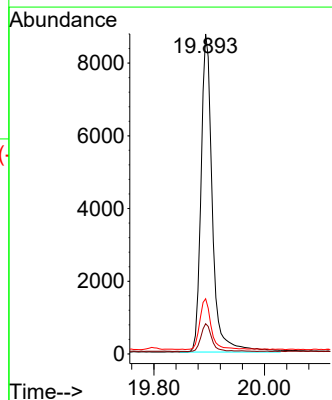
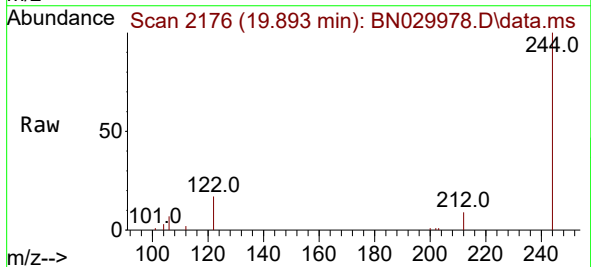
Instrument :
BNA_N
ClientSampleId :
RE131D1-20240214

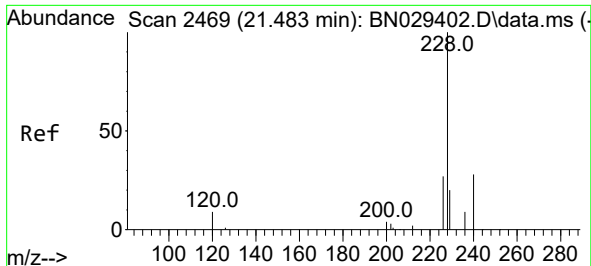
Tgt Ion:202 Resp: 1464
Ion Ratio Lower Upper
202 100
200 20.7 16.6 25.0
203 19.3 14.2 21.4



#31
Terphenyl-d14
Concen: 0.507 ng
RT: 19.893 min Scan# 2176
Delta R.T. -0.014 min
Lab File: BN029978.D
Acq: 24 Feb 2024 05:17

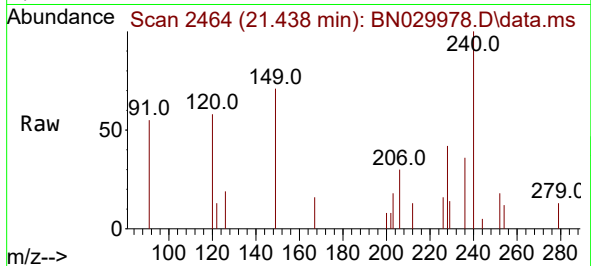
Tgt Ion:244 Resp: 12524
Ion Ratio Lower Upper
244 100
212 9.4 8.2 12.4
122 17.3 15.6 23.4



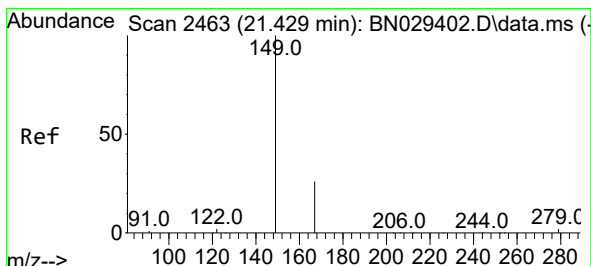
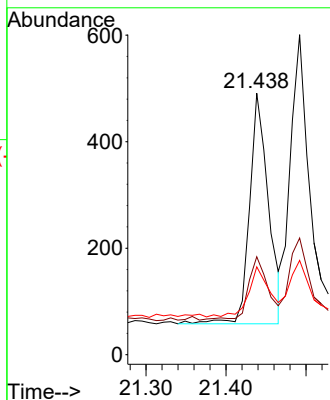
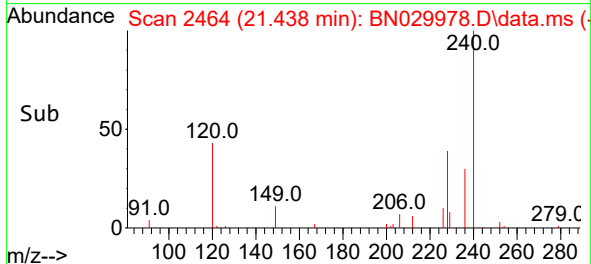


#32
Benzo(a)anthracene
Concen: 0.021 ng
RT: 21.438 min Scan# 2464
Delta R.T. -0.009 min
Lab File: BN029978.D
Acq: 24 Feb 2024 05:17

Instrument :
BNA_N
ClientSampleId :
RE131D1-20240214

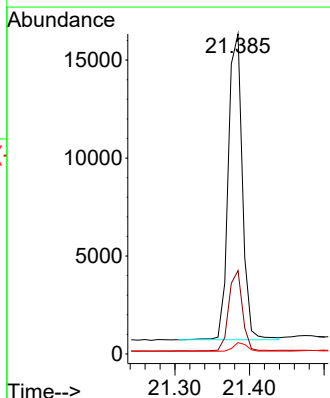
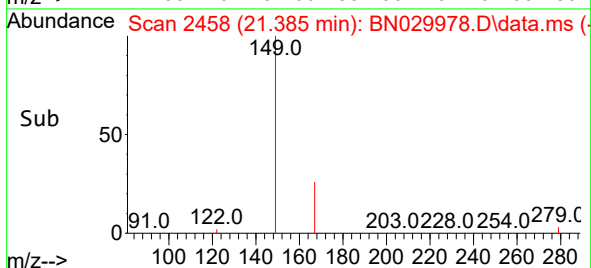
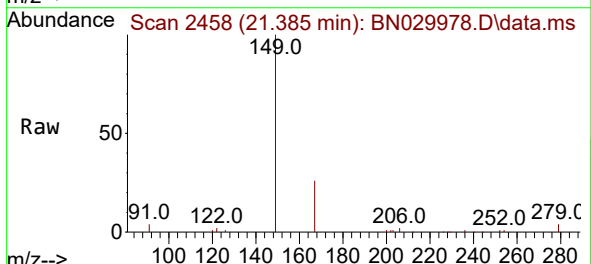


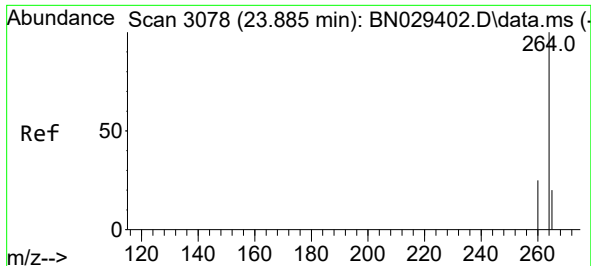
Tgt Ion:228 Resp: 714
Ion Ratio Lower Upper
228 100
226 37.5 22.2 33.4#
229 33.6 16.5 24.7#



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.882 ng
RT: 21.385 min Scan# 2458
Delta R.T. -0.009 min
Lab File: BN029978.D
Acq: 24 Feb 2024 05:17

Tgt Ion:149 Resp: 20440
Ion Ratio Lower Upper
149 100
167 25.4 20.1 30.1
279 2.8 2.5 3.7

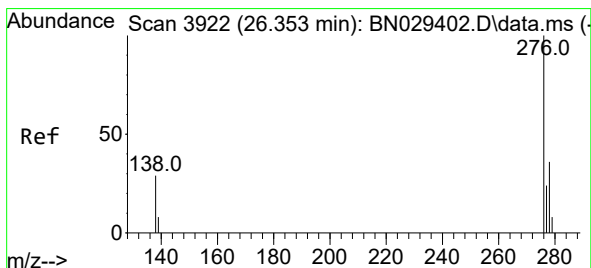
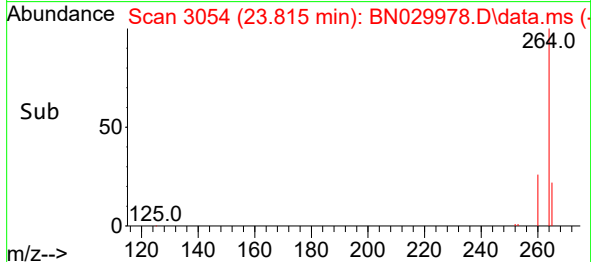
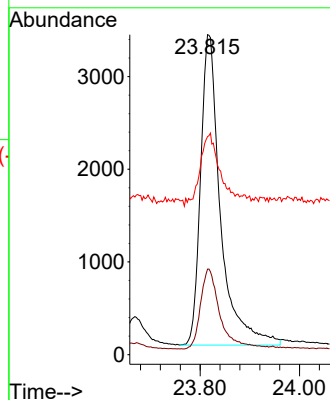
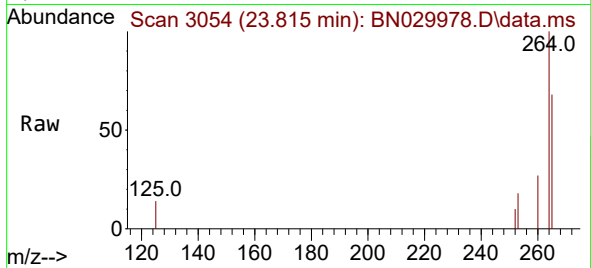




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.815 min Scan# 3078
Delta R.T. -0.017 min
Lab File: BN029978.D
Acq: 24 Feb 2024 05:17

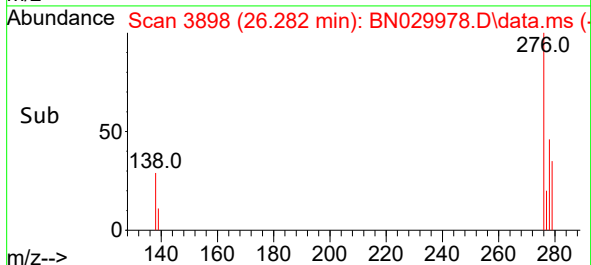
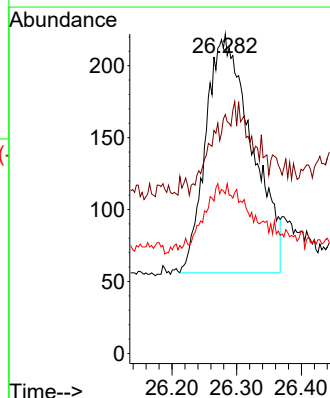
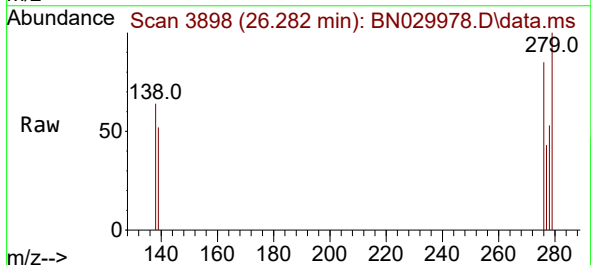
Instrument :
BNA_N
ClientSampleId :
RE131D1-20240214

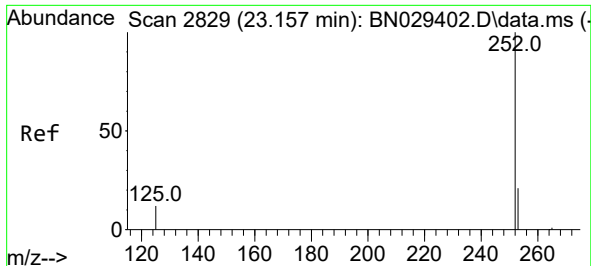
Tgt Ion:264 Resp: 9299
Ion Ratio Lower Upper
264 100
260 26.7 21.2 31.8
265 68.2 41.5 62.3#



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.022 ng
RT: 26.282 min Scan# 3898
Delta R.T. 0.003 min
Lab File: BN029978.D
Acq: 24 Feb 2024 05:17

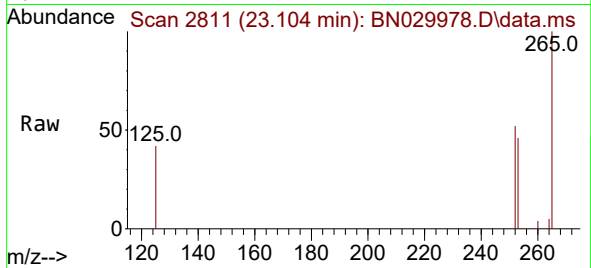
Tgt Ion:276 Resp: 818
Ion Ratio Lower Upper
276 100
138 1.0 20.5 30.7#
277 0.0 17.0 25.4#



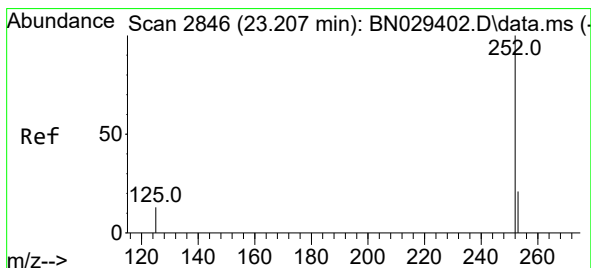
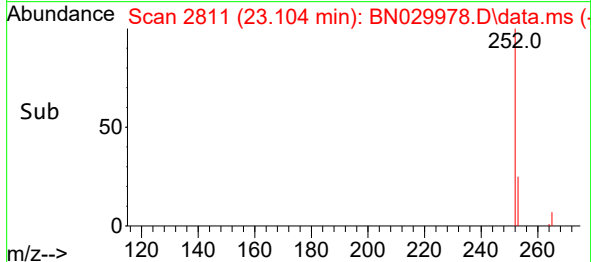
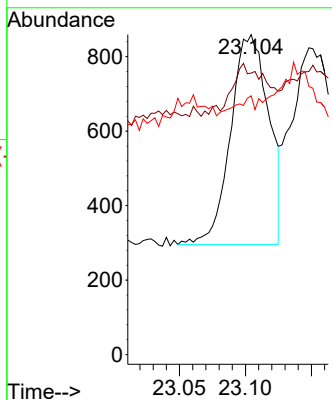


#37
Benzo(b)fluoranthene
Concen: 0.034 ng
RT: 23.104 min Scan# 211
Delta R.T. -0.006 min
Lab File: BN029978.D
Acq: 24 Feb 2024 05:17

Instrument :
BNA_N
ClientSampleId :
RE131D1-20240214

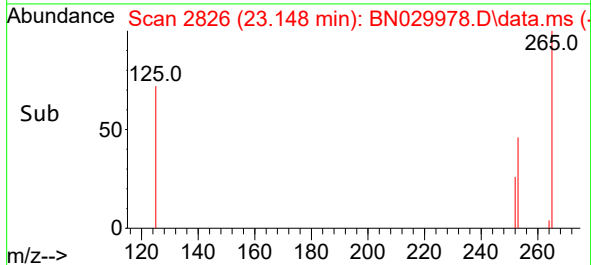
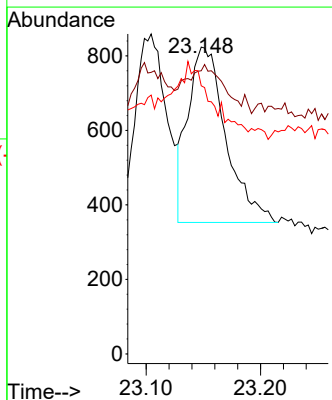
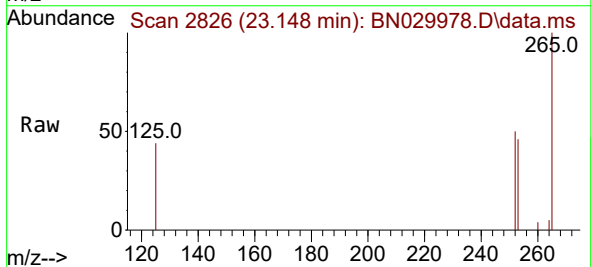


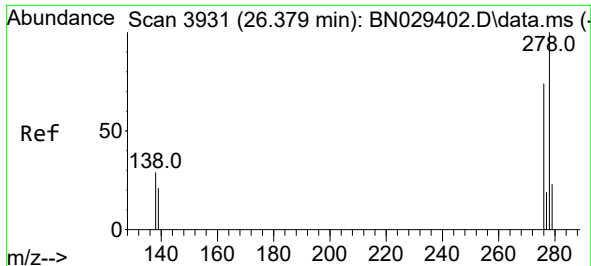
Tgt Ion:252 Resp: 1129
Ion Ratio Lower Upper
252 100
253 88.0 21.7 32.5#
125 80.9 13.3 19.9#



#38
Benzo(k)fluoranthene
Concen: 0.031 ng
RT: 23.148 min Scan# 2826
Delta R.T. -0.012 min
Lab File: BN029978.D
Acq: 24 Feb 2024 05:17

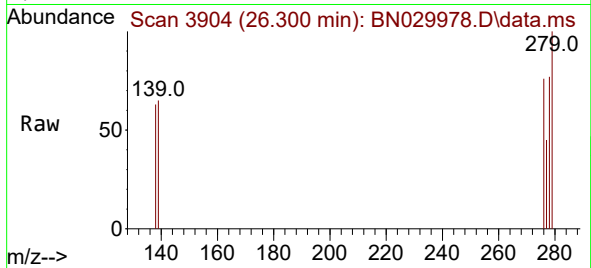
Tgt Ion:252 Resp: 1090
Ion Ratio Lower Upper
252 100
253 92.2 21.8 32.8#
125 87.4 13.9 20.9#



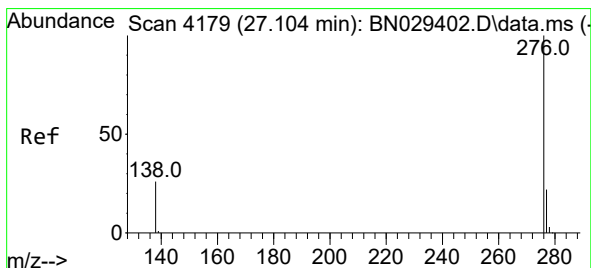
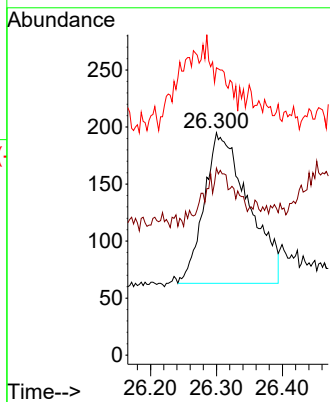
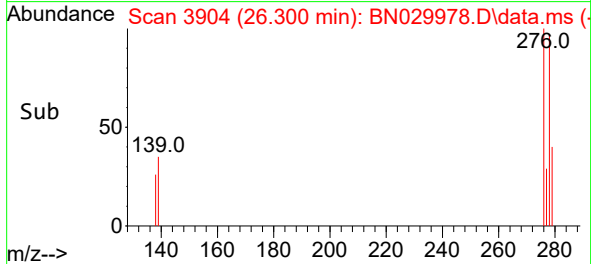


#40
Dibenzo(a,h)anthracene
Concen: 0.021 ng
RT: 26.300 min Scan# 3904
Delta R.T. -0.012 min
Lab File: BN029978.D
Acq: 24 Feb 2024 05:17

Instrument :
BNA_N
ClientSampleId :
RE131D1-20240214



Tgt Ion:278 Resp: 615
Ion Ratio Lower Upper
278 100
139 84.1 20.4 30.6#
279 129.2 25.0 37.6#



#41
Benzo(g,h,i)perylene
Concen: 0.025 ng
RT: 27.016 min Scan# 4149
Delta R.T. -0.012 min
Lab File: BN029978.D
Acq: 24 Feb 2024 05:17

Tgt Ion:276 Resp: 915
Ion Ratio Lower Upper
276 100
277 45.0 19.4 29.2#
138 61.2 23.5 35.3#

